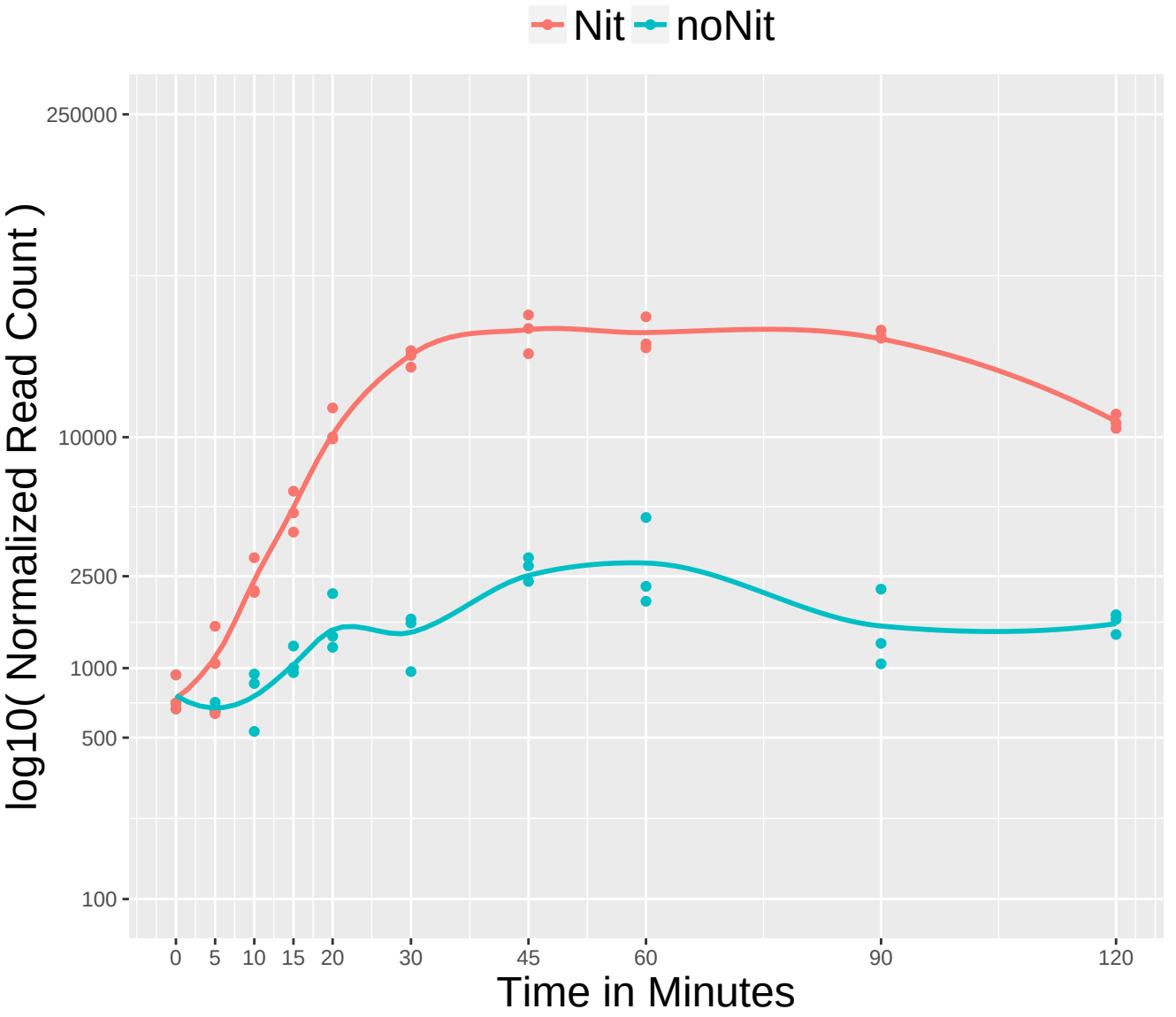
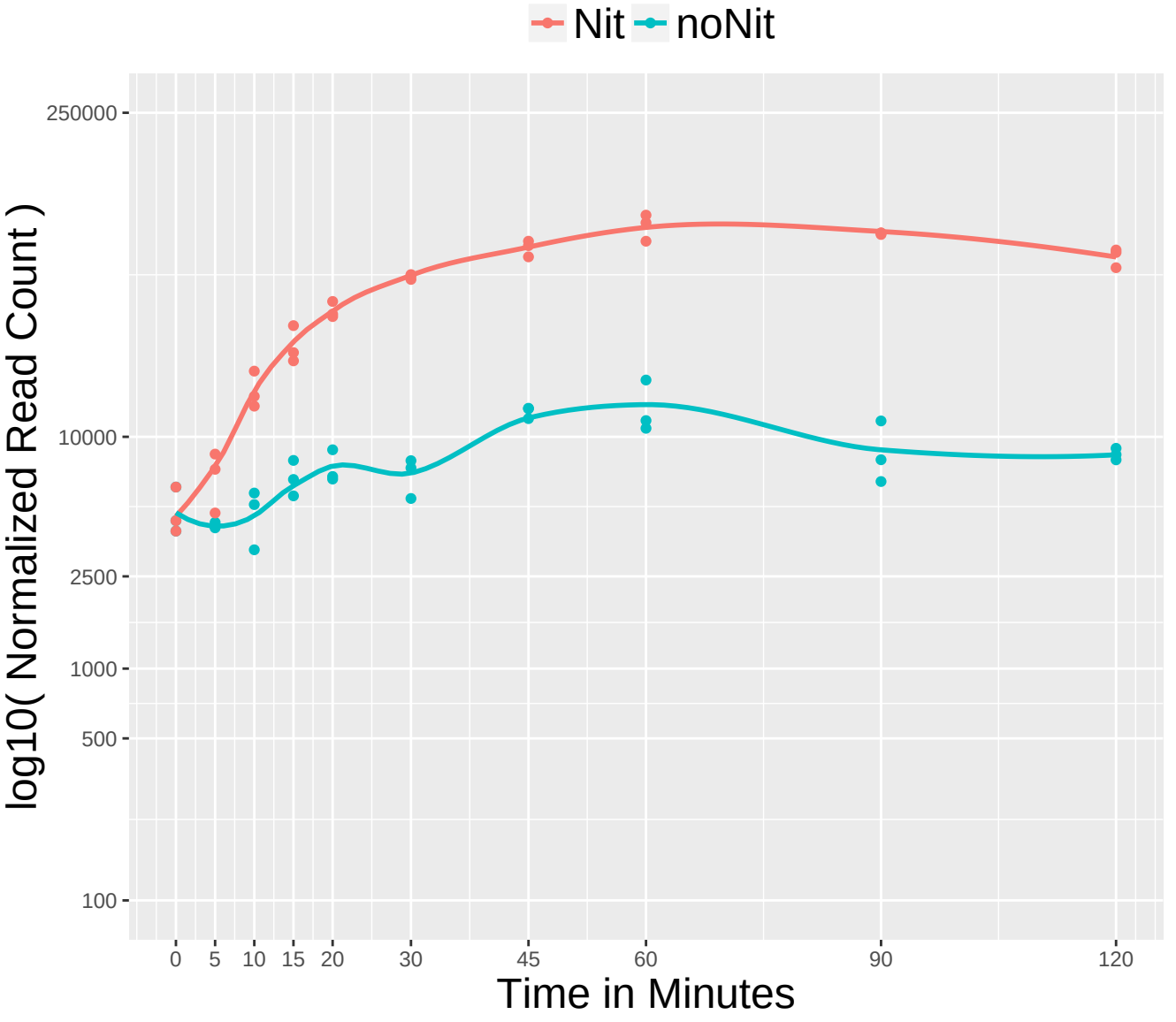
AT1G24280

G6PD3,glucose−6−phosphate



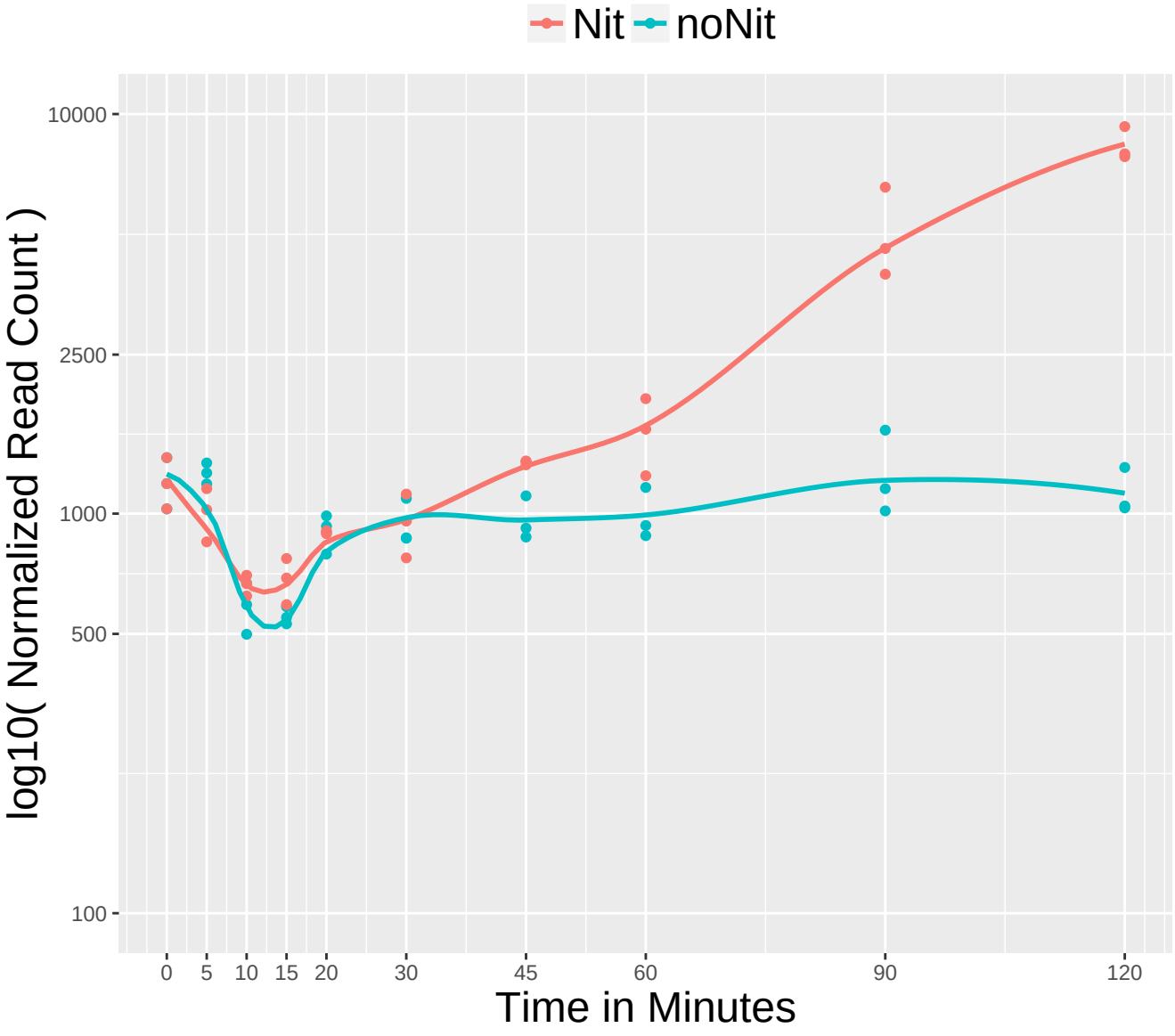
AT1G30510

ATRFNR2,root



AT1G30820

CTP



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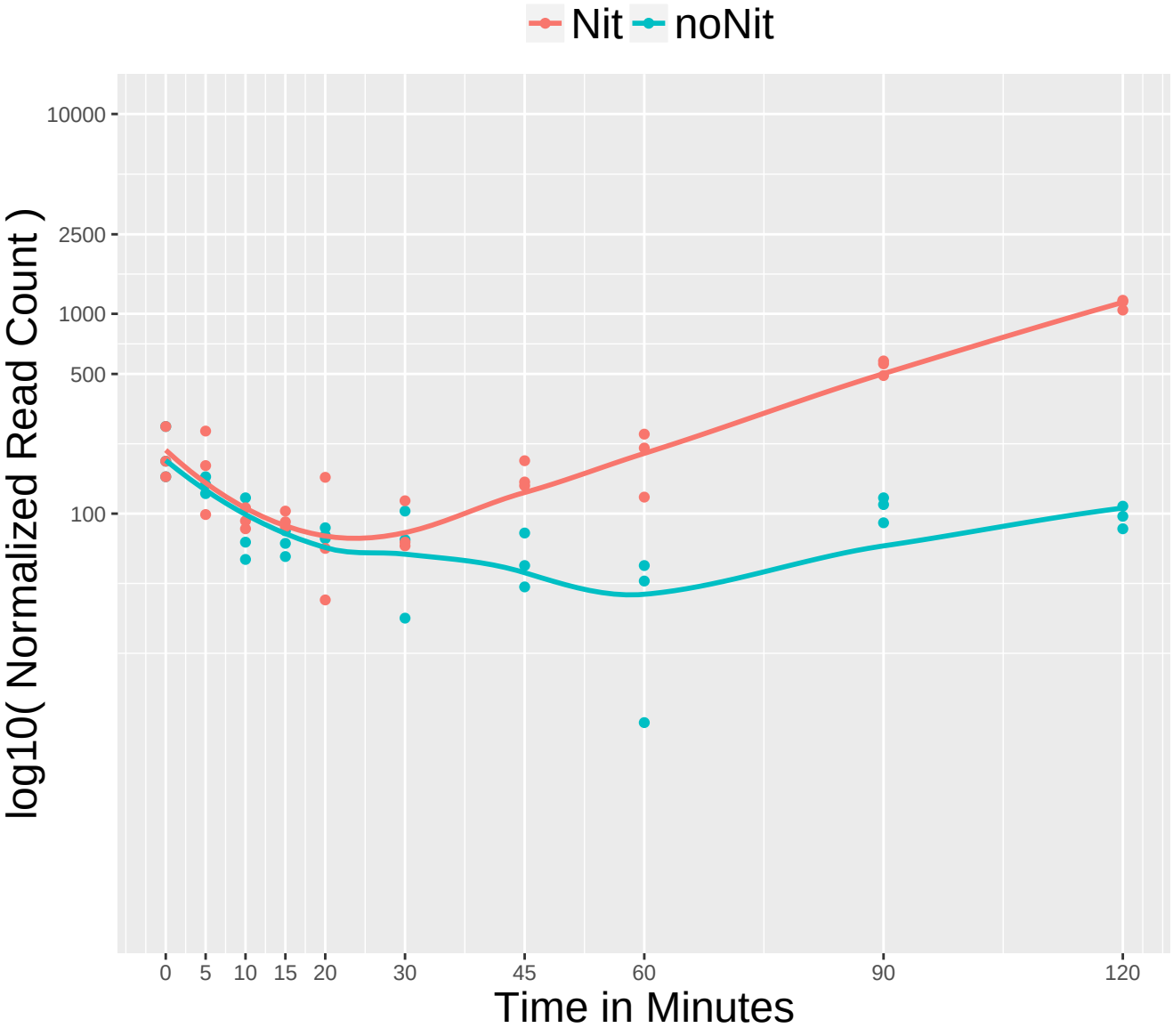
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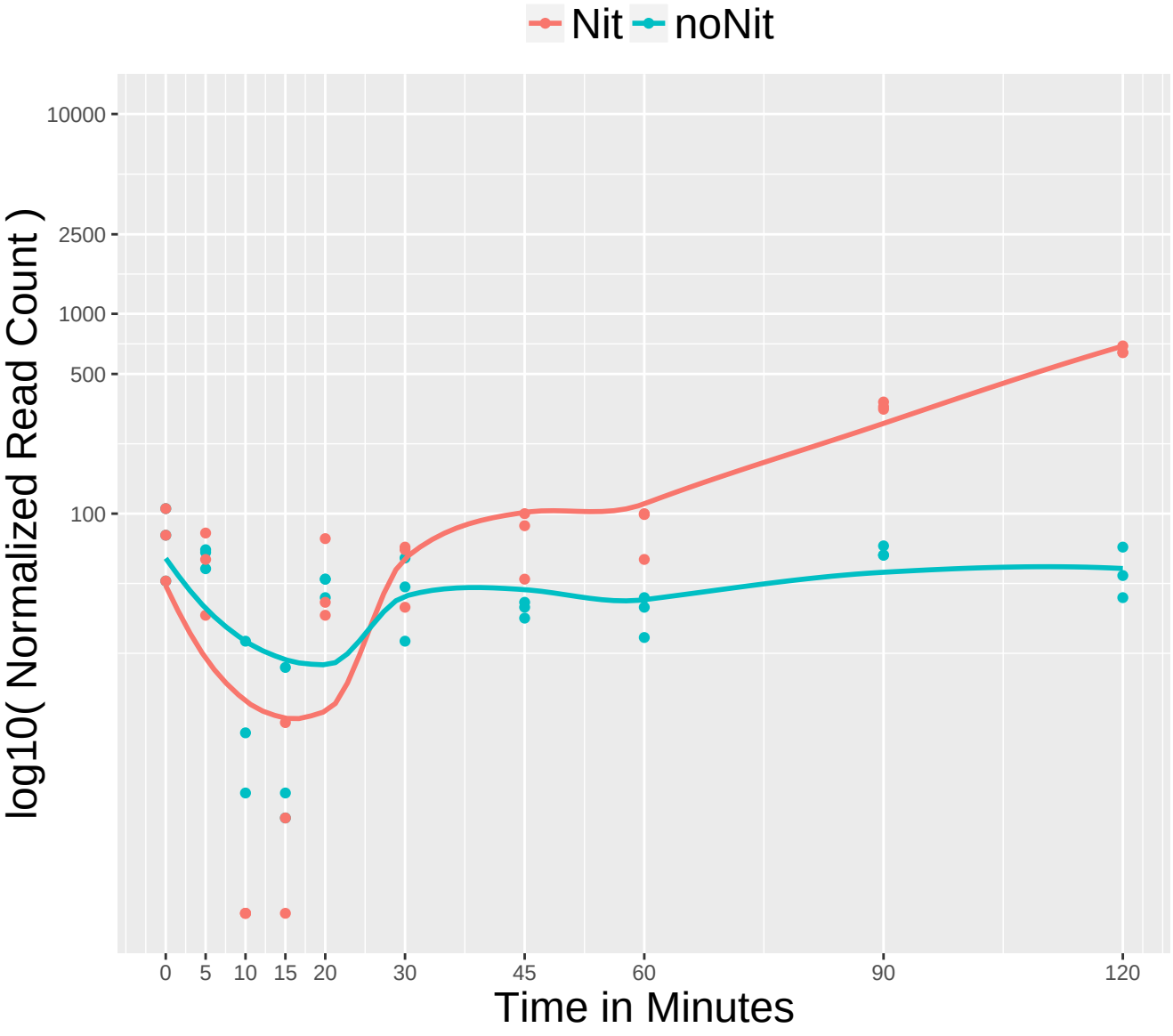
AT1G47400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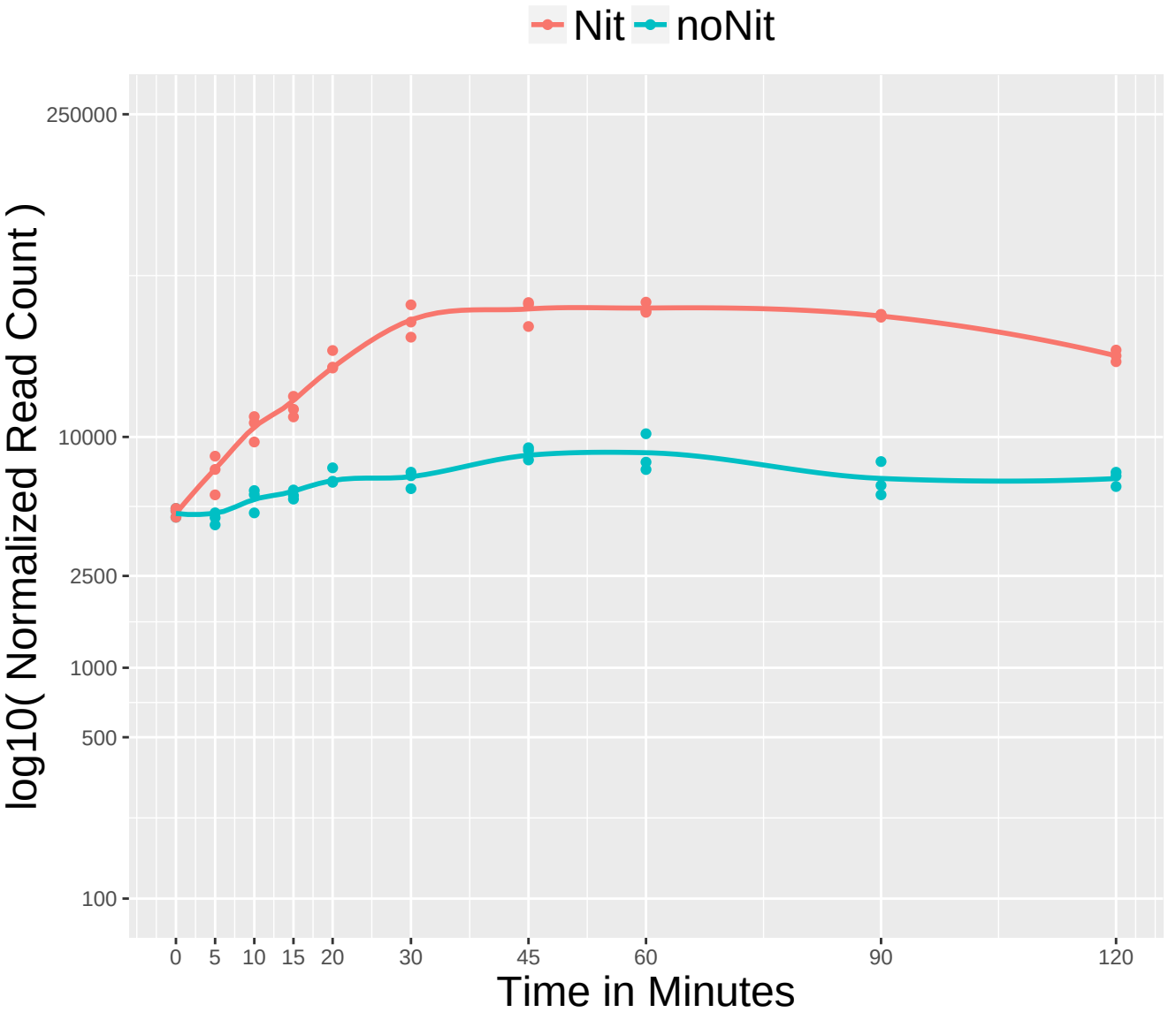
Time in Minutes

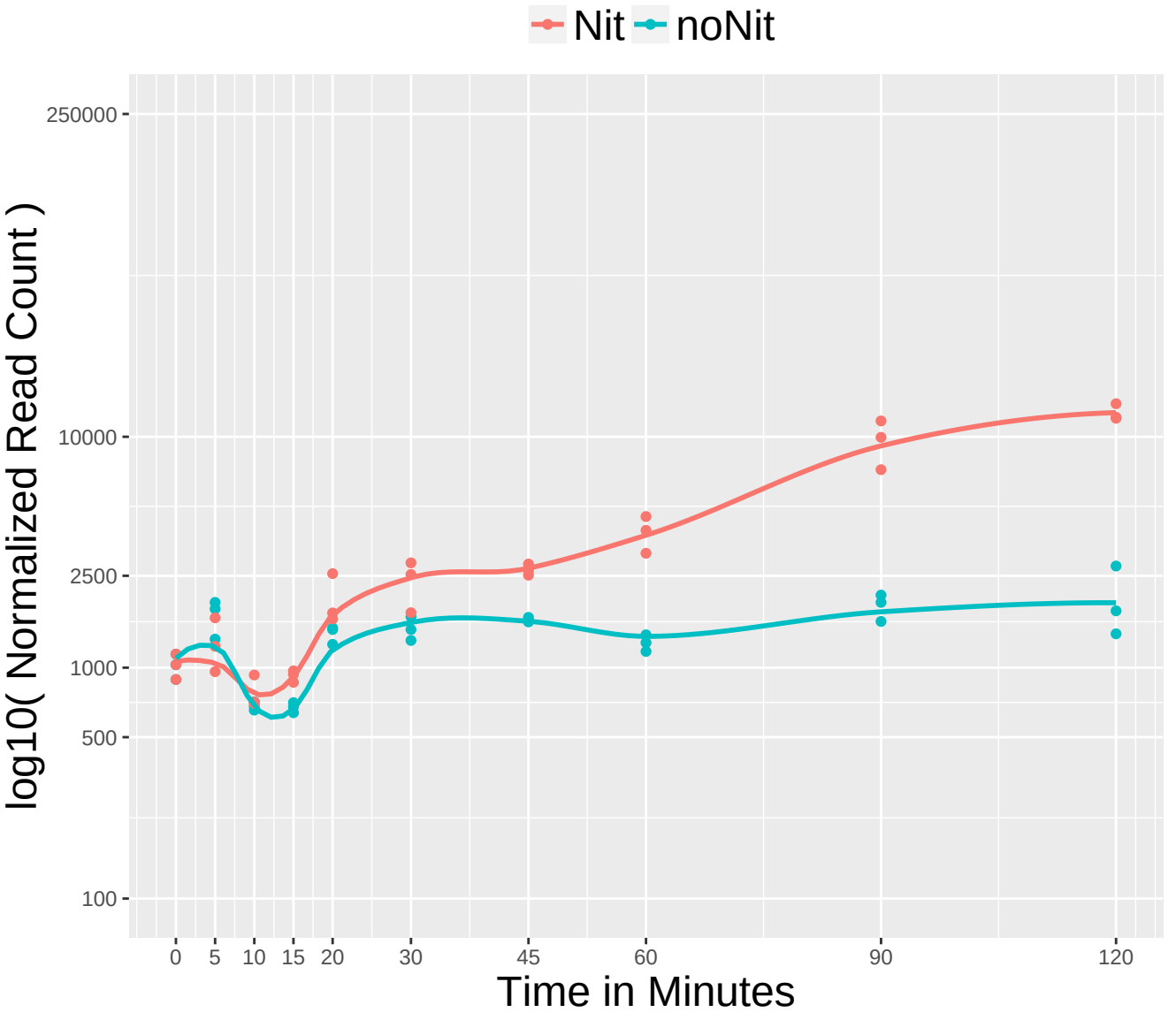
AT1G64190

6−phosphogluconate



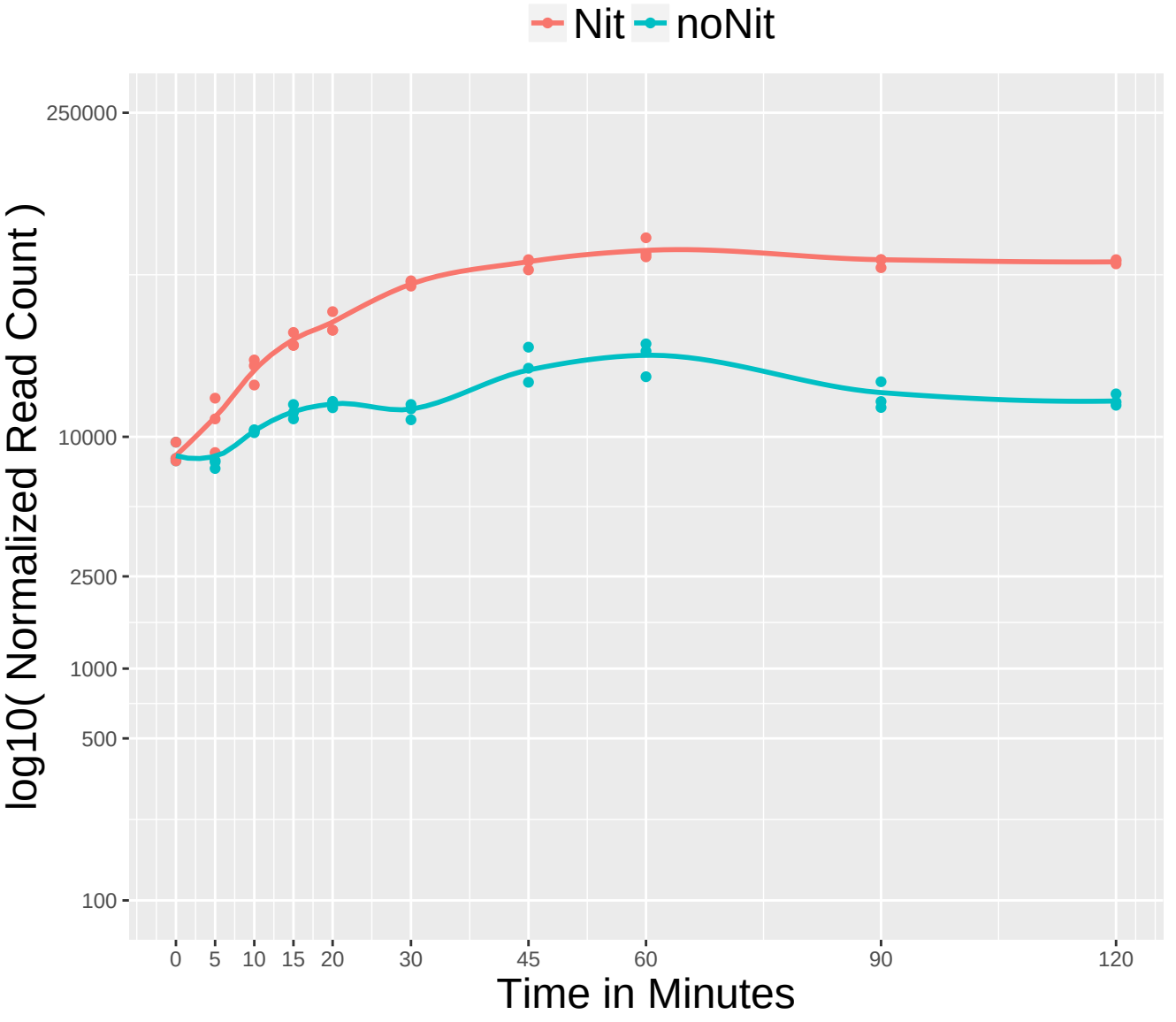
AT2G19800

MIOX2,myo−inositol



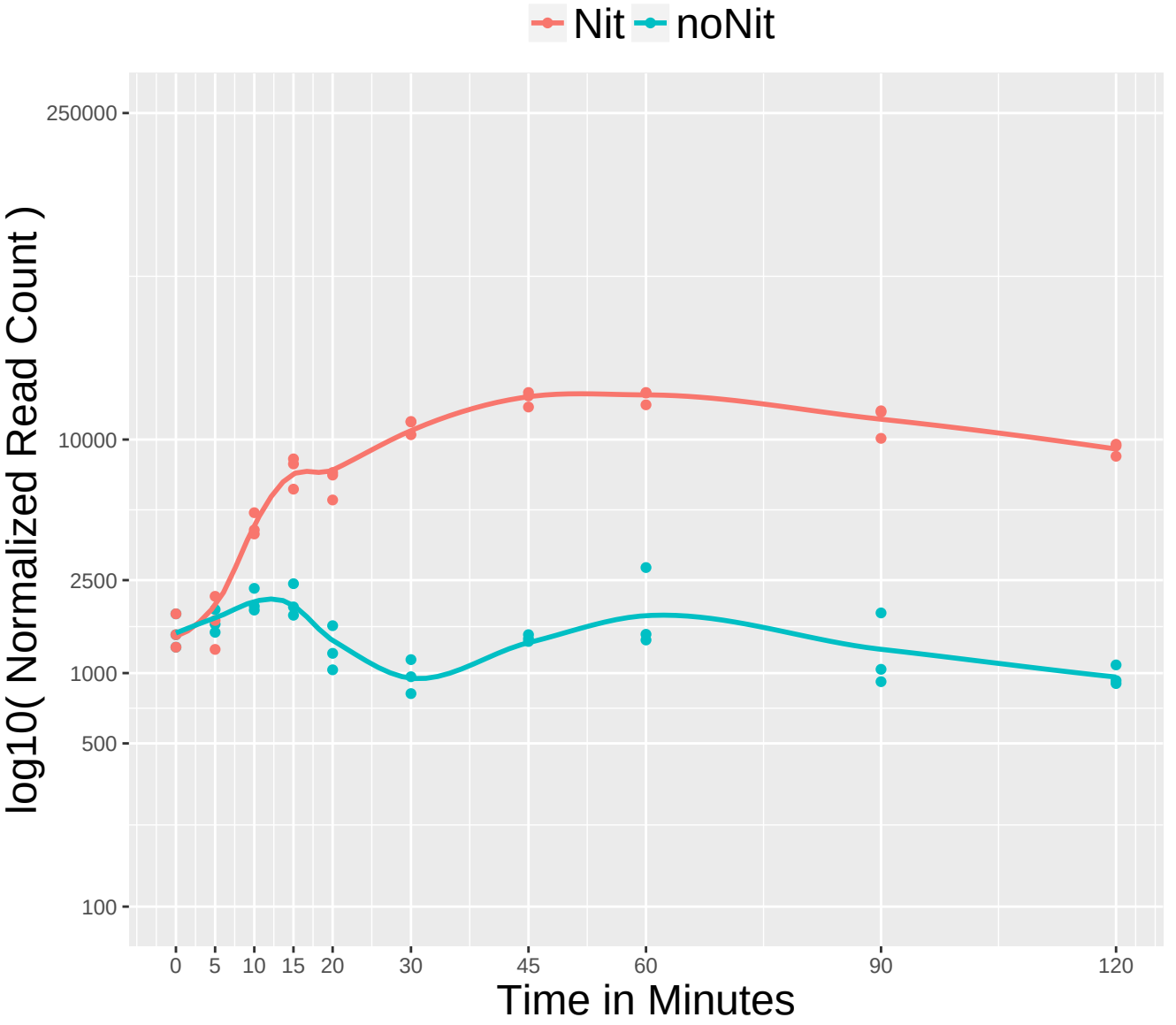
AT2G27510

ATFD3,ferredoxin



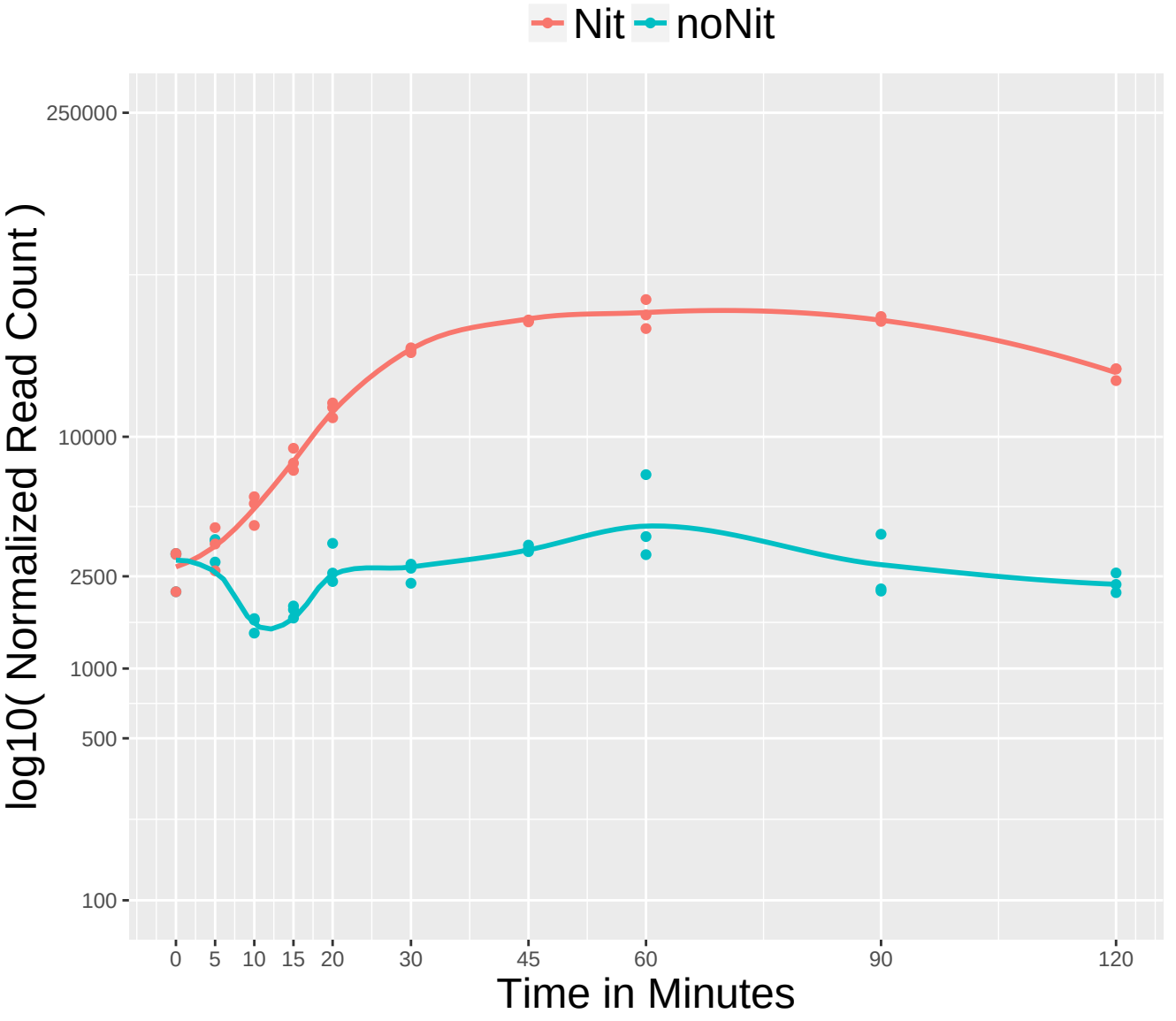
AT2G33550

Homeodomain−like



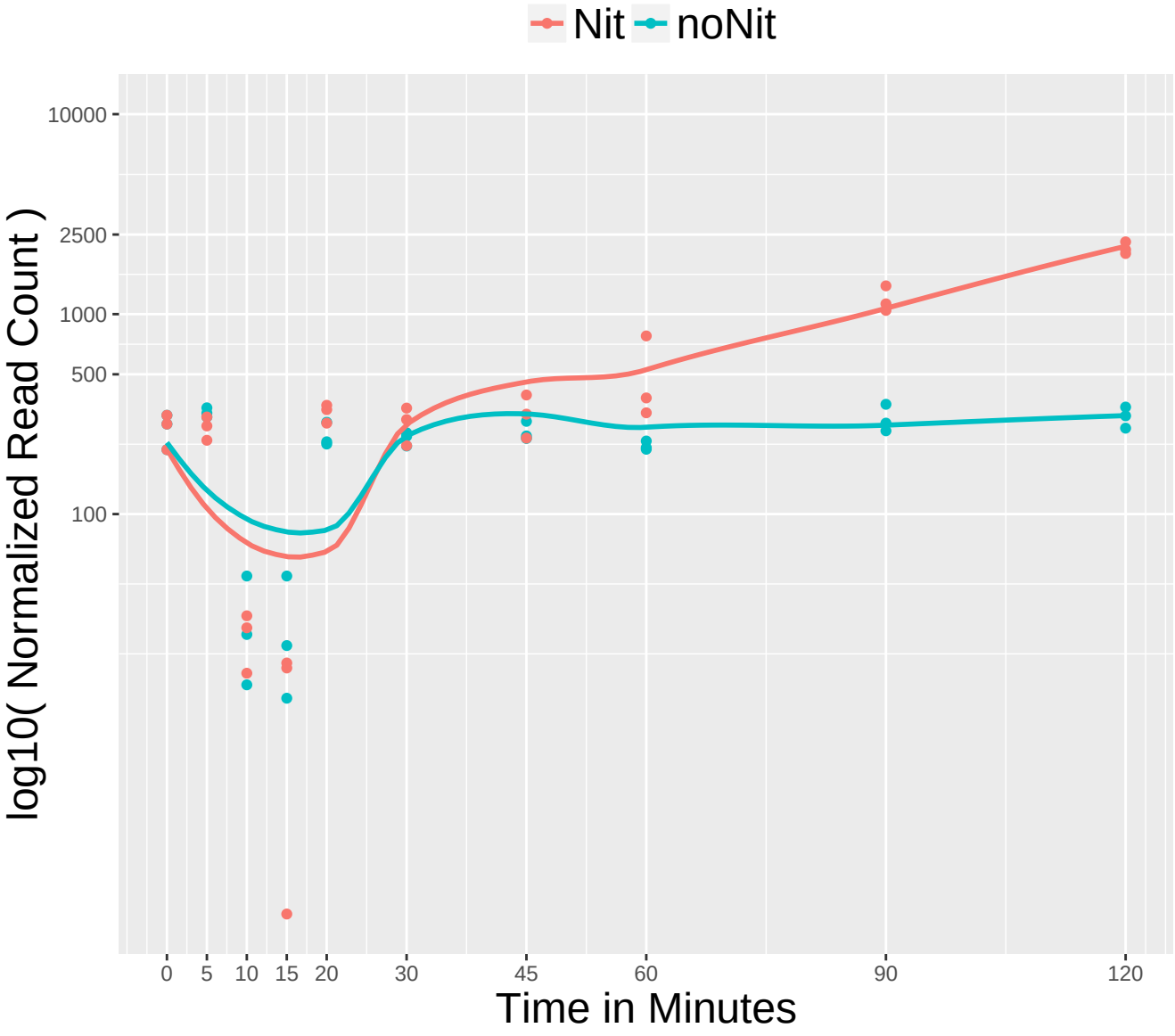
AT4G05390

ATRFNR1,root



AT4G24015

RING/U−box



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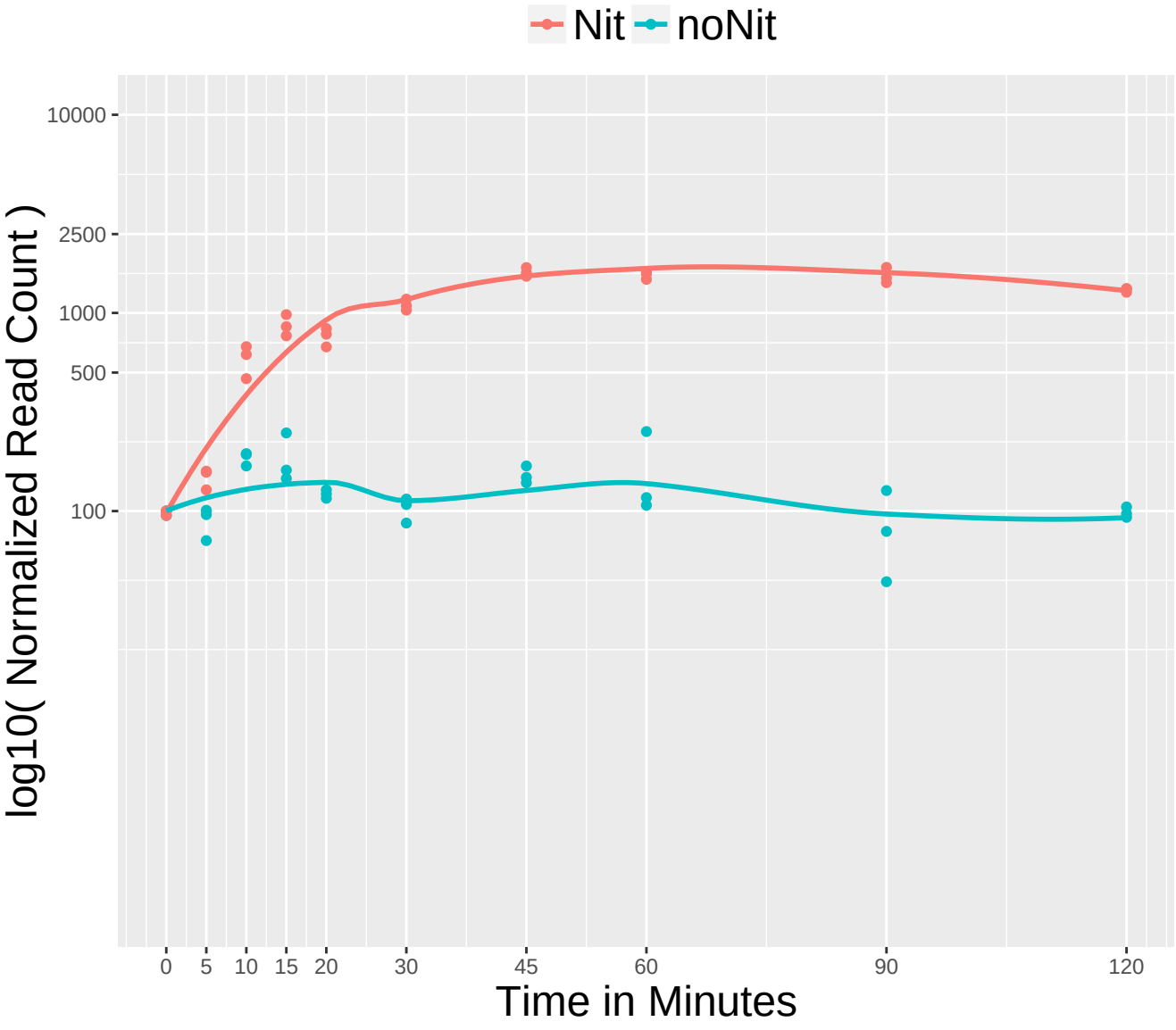
P−loop



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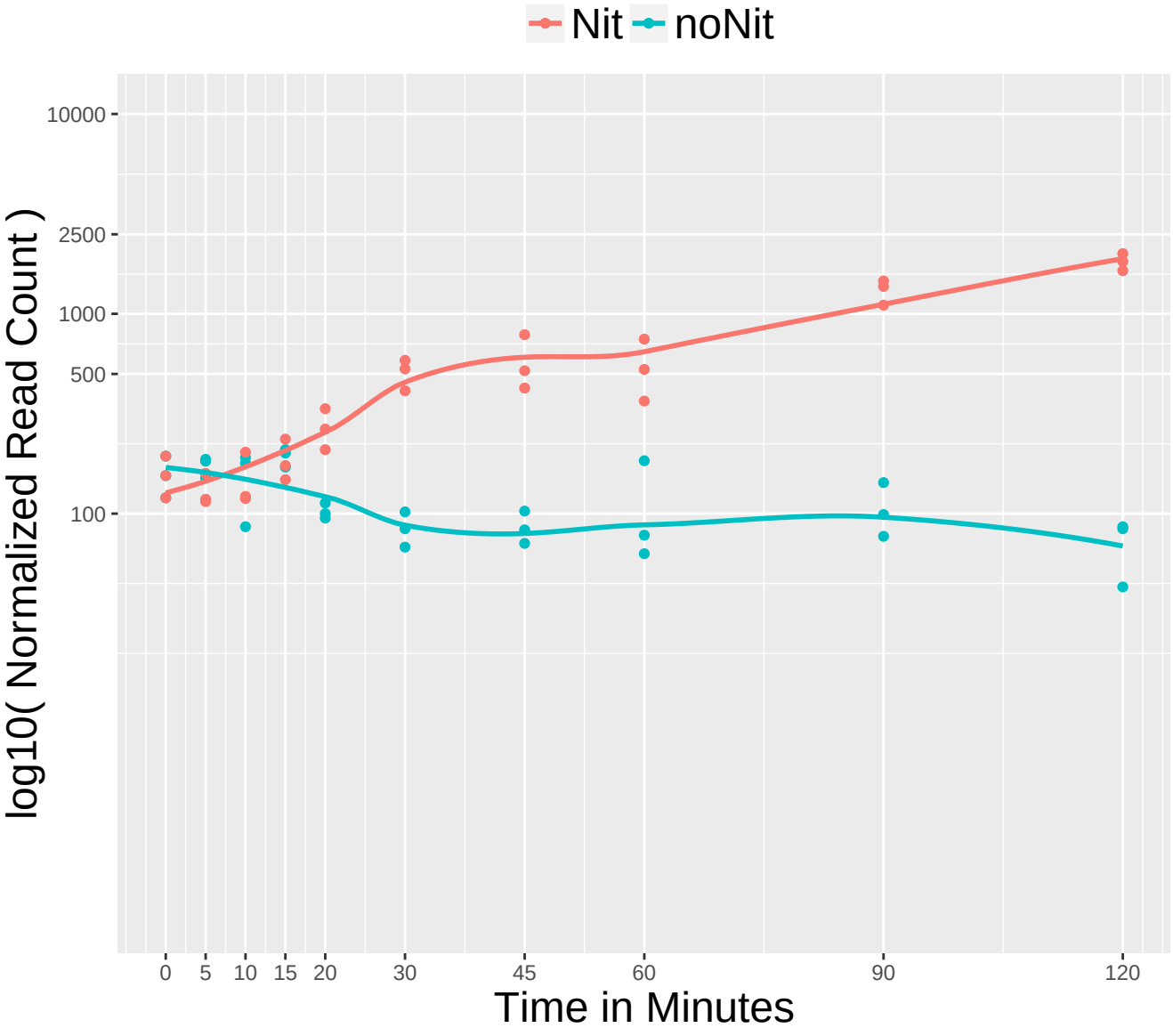
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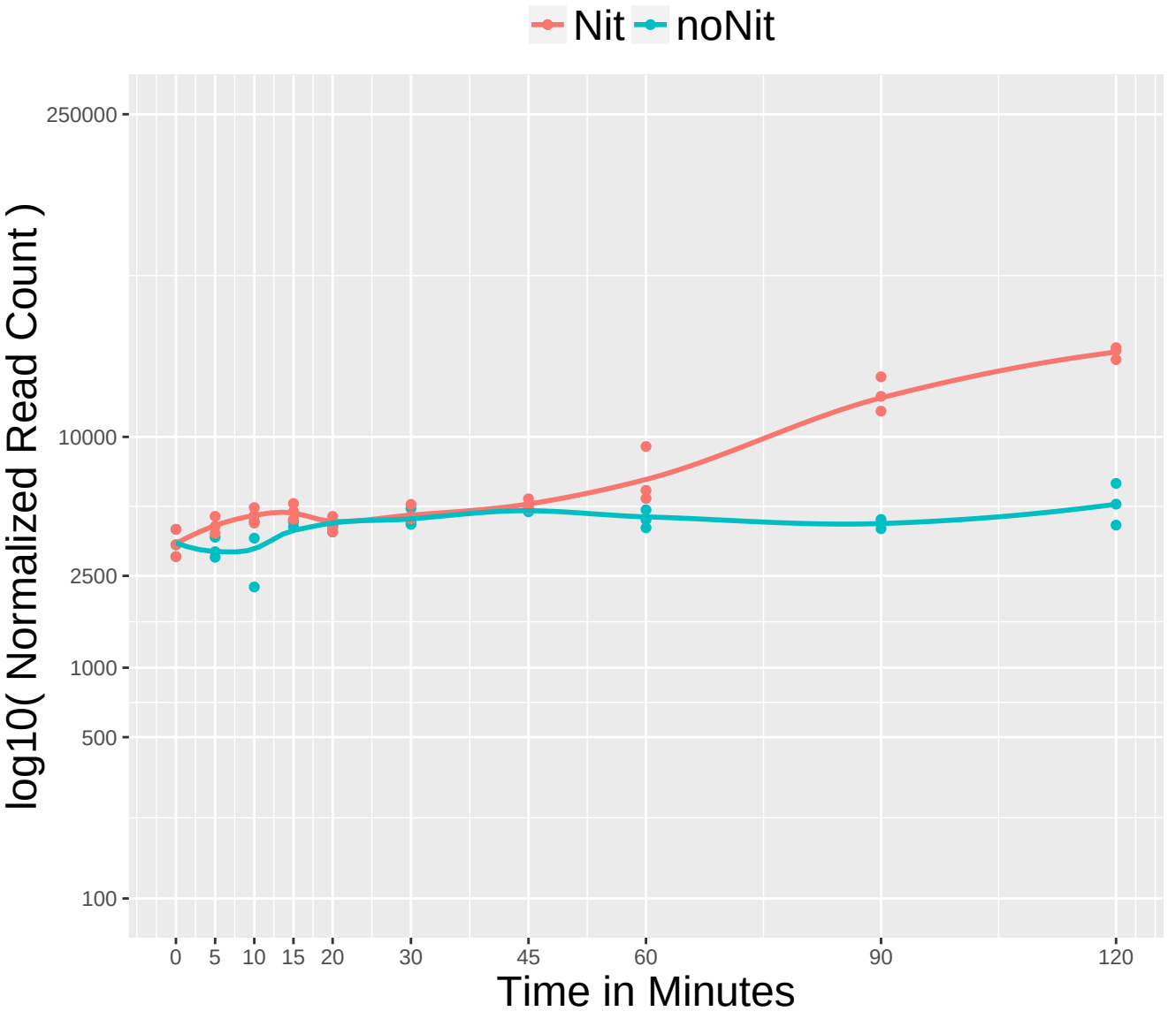
Time in Minutes

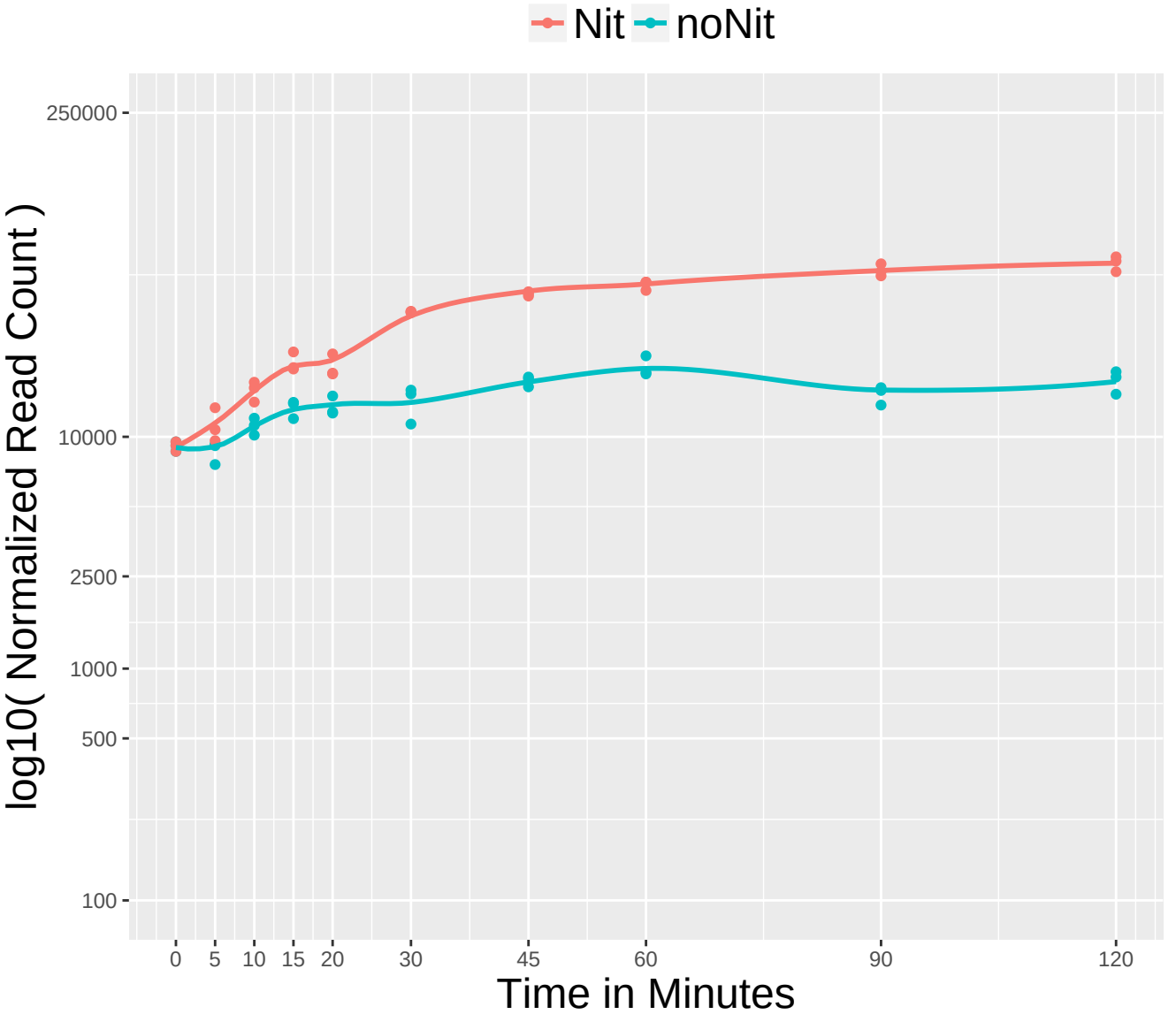
AT5G07440

GDH2,glutamate



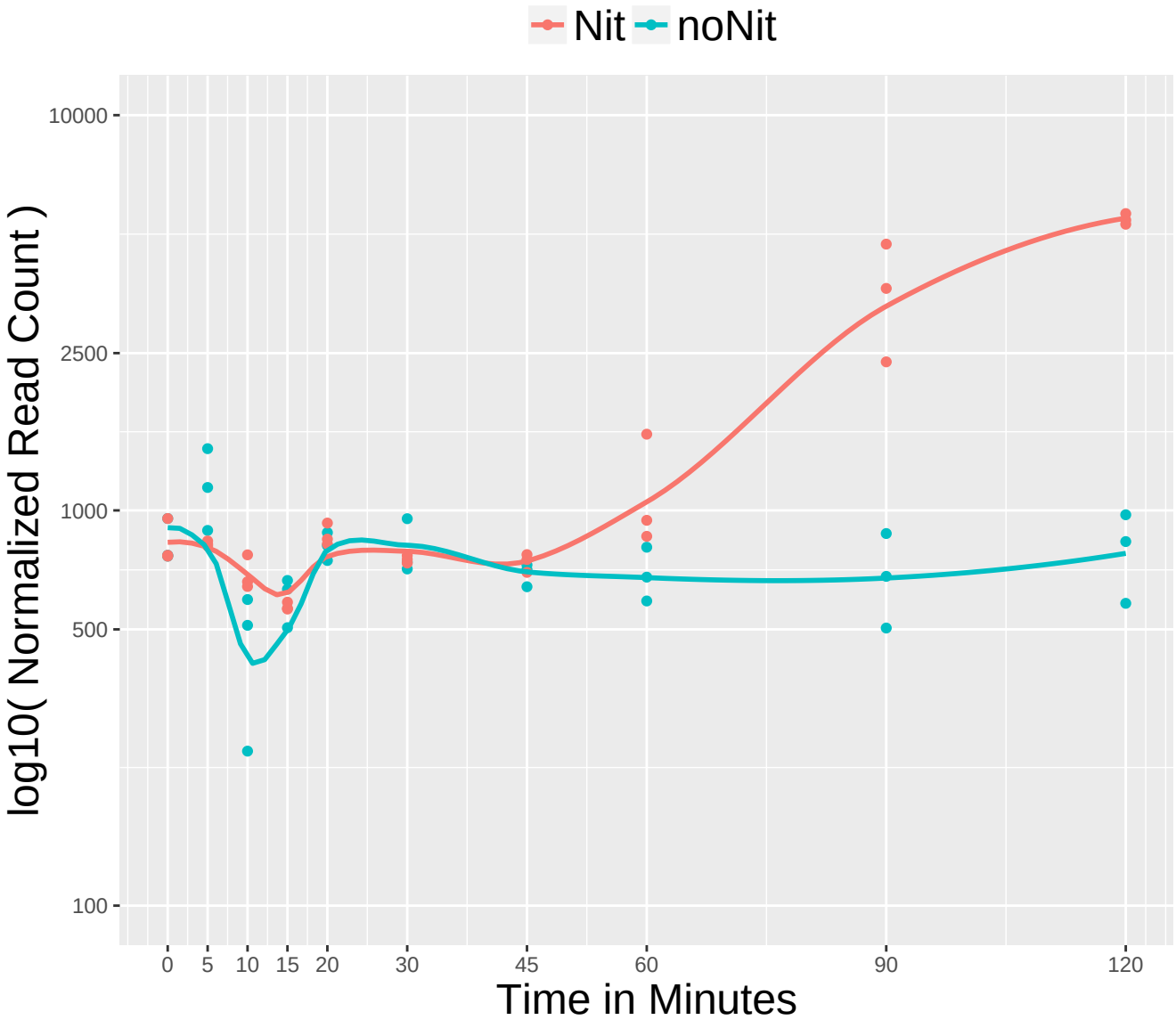
AT5G13420

TRA2,transaldolase



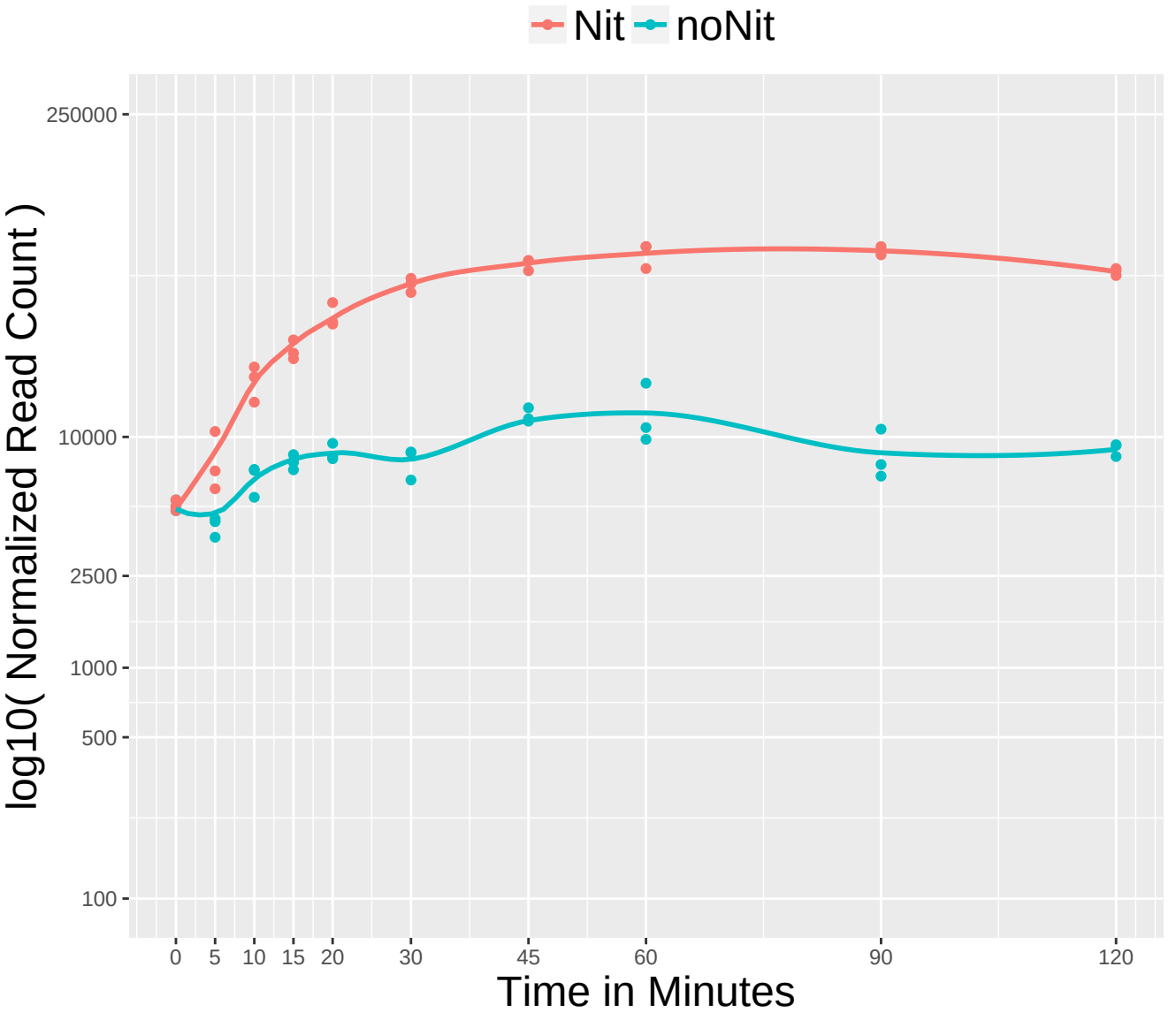
AT5G41080

AtGDPD2,,GDPD2,glycerophosphodiester



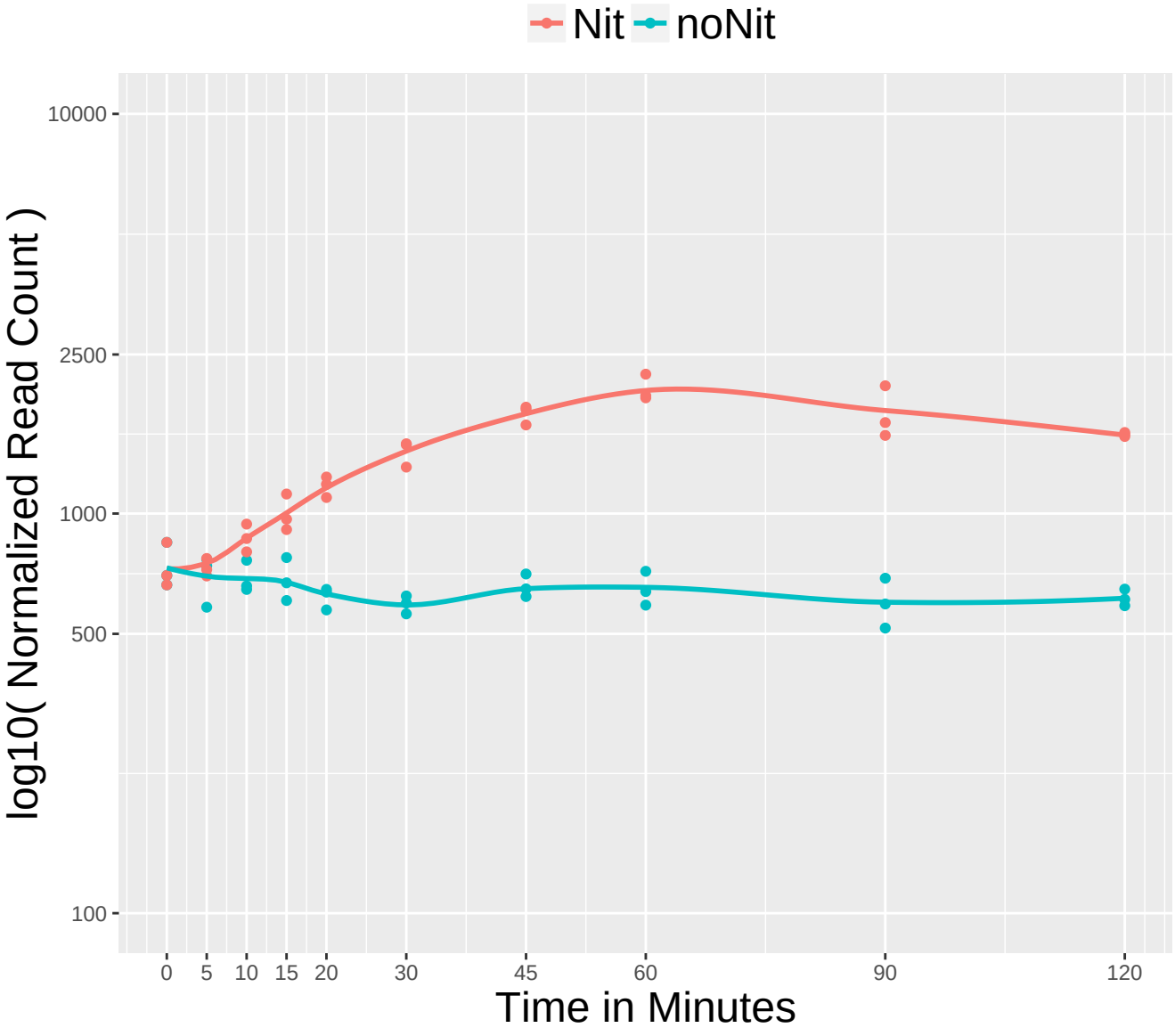
AT5G41670

6−phosphogluconate



AT5G48970

Mitochondrial



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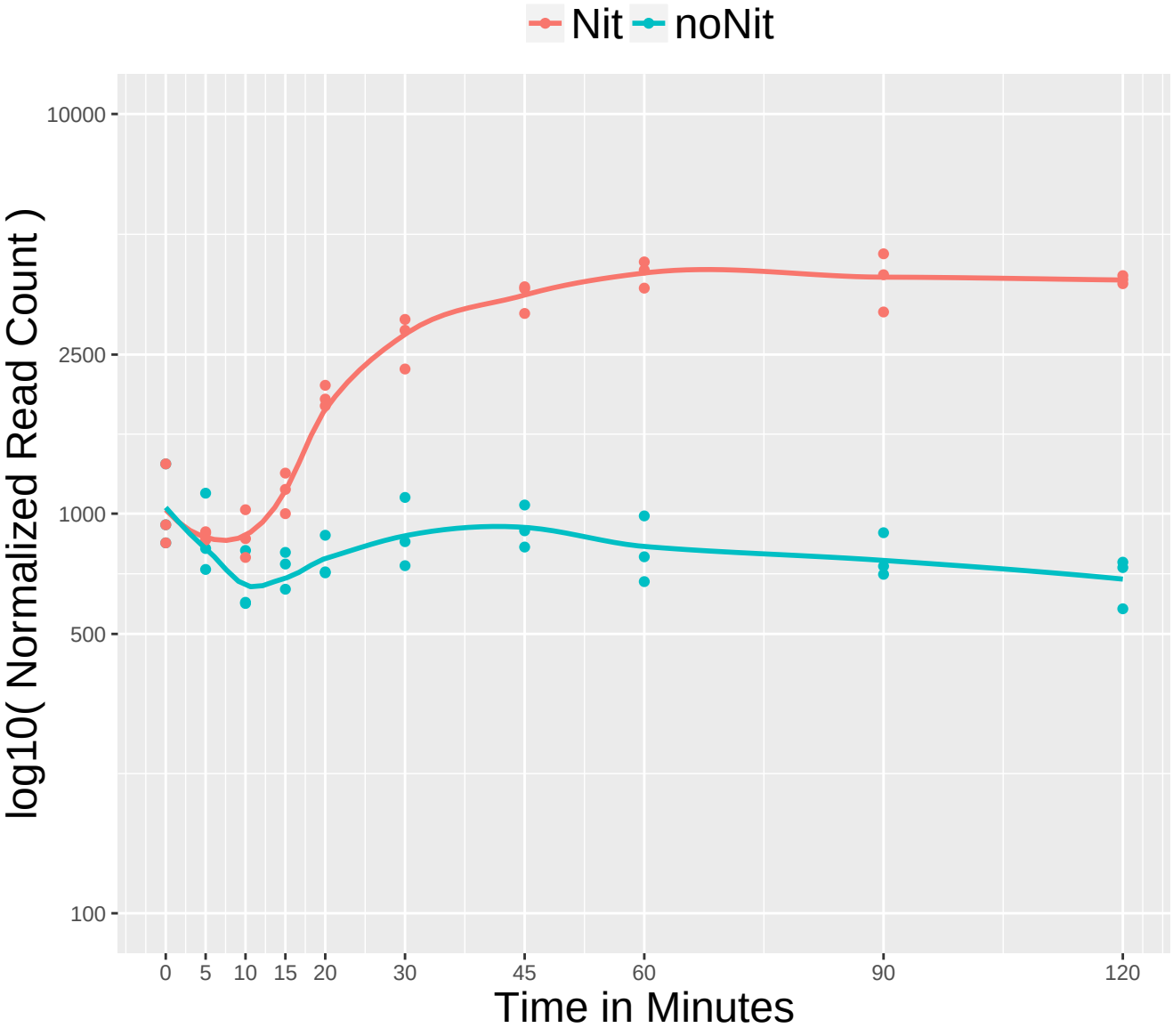
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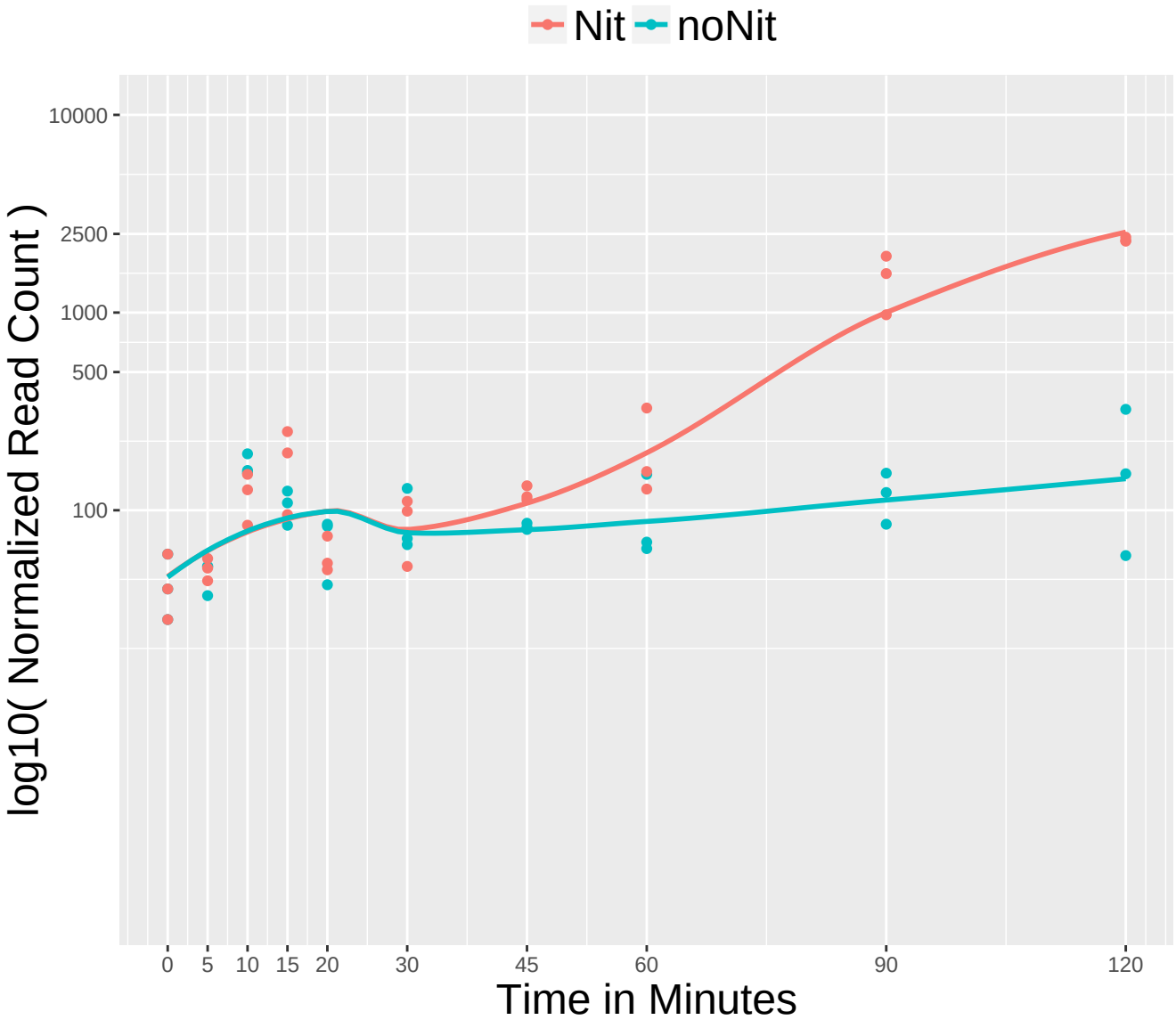
Time in Minutes

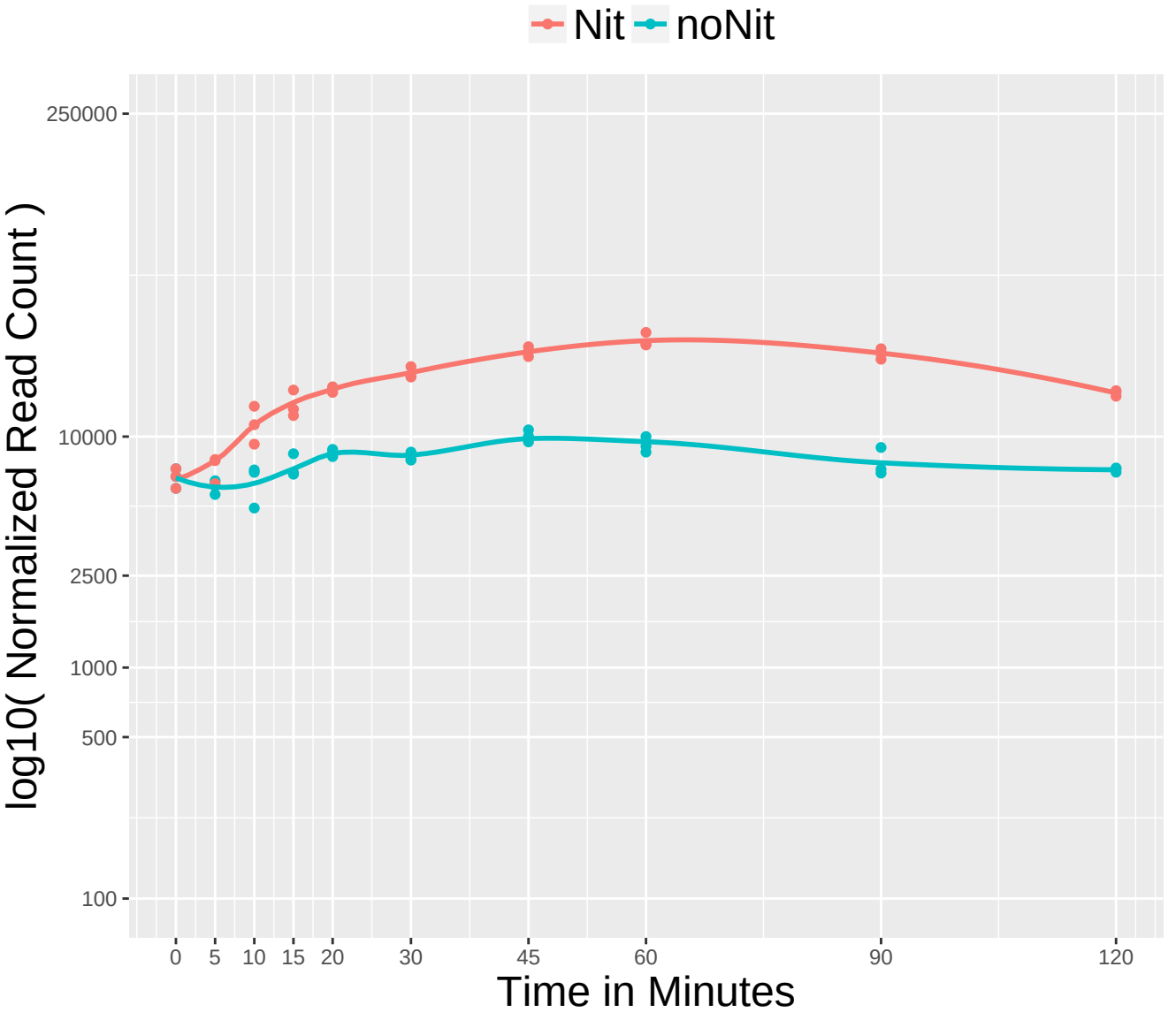
AT5G65690

PCK2,phosphoenolpyruvate



AT1G43710

ATSDC1,Arabidopsis



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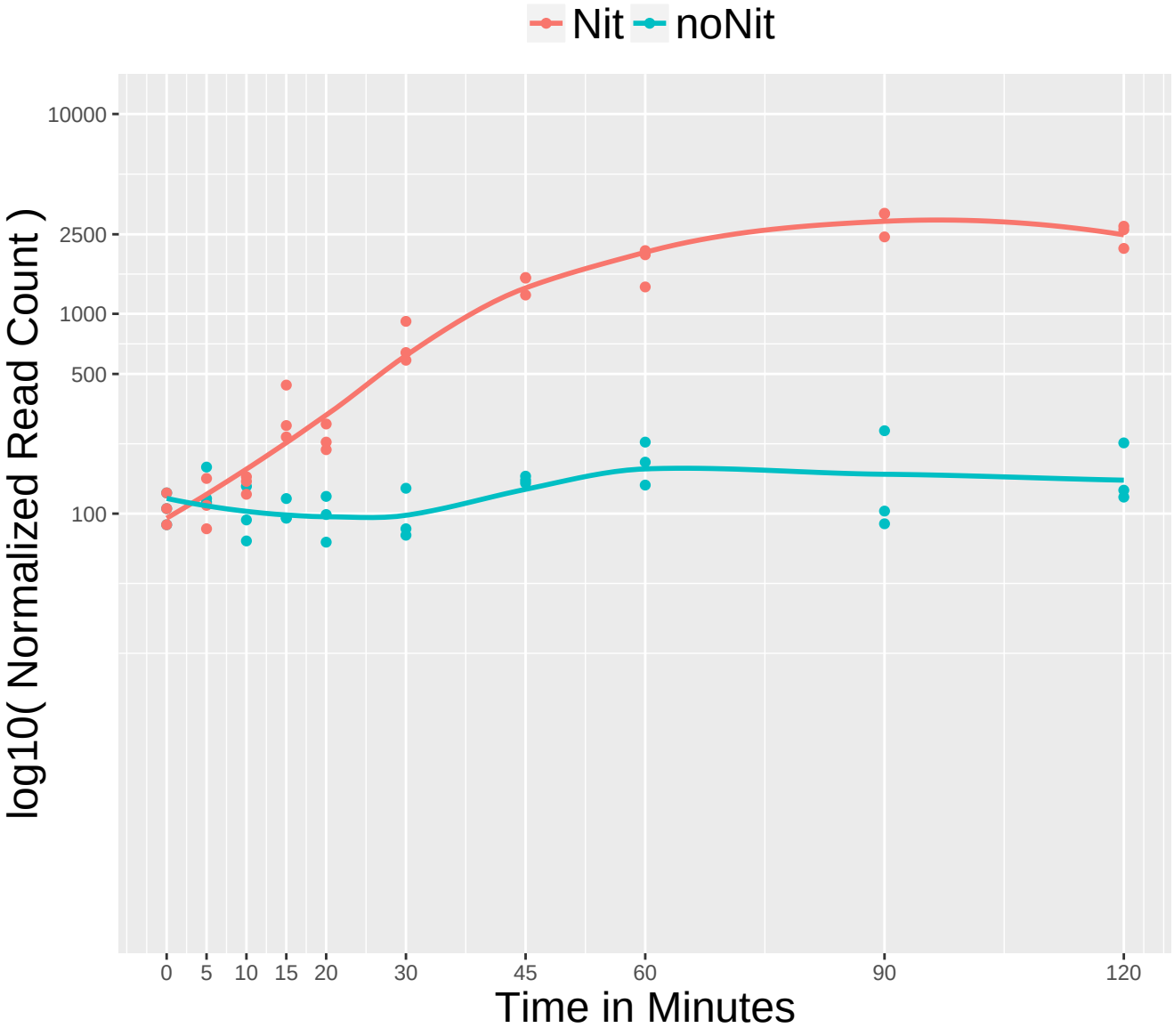
WNK7



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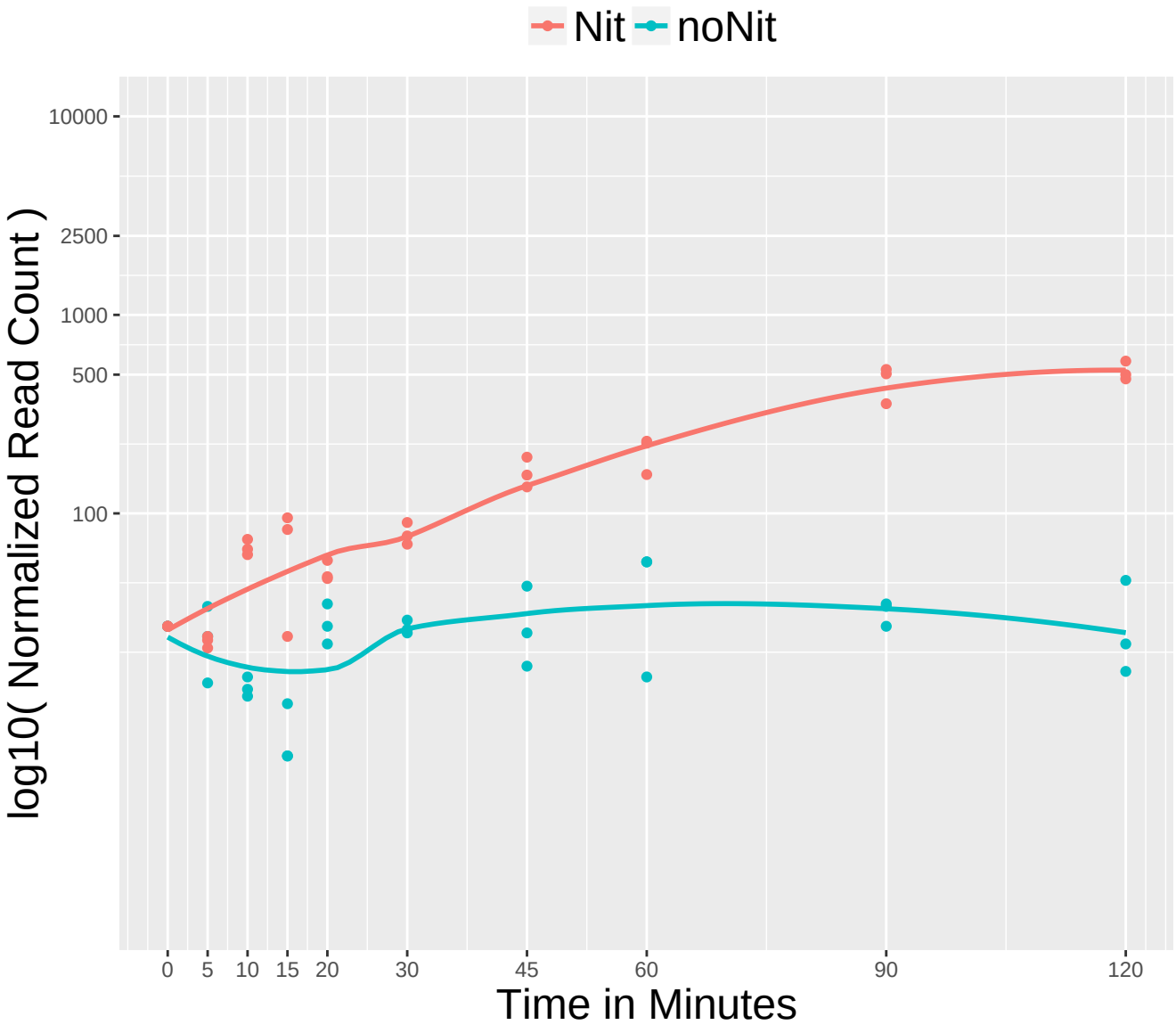
ATNAS4,ARABIDOPSIS



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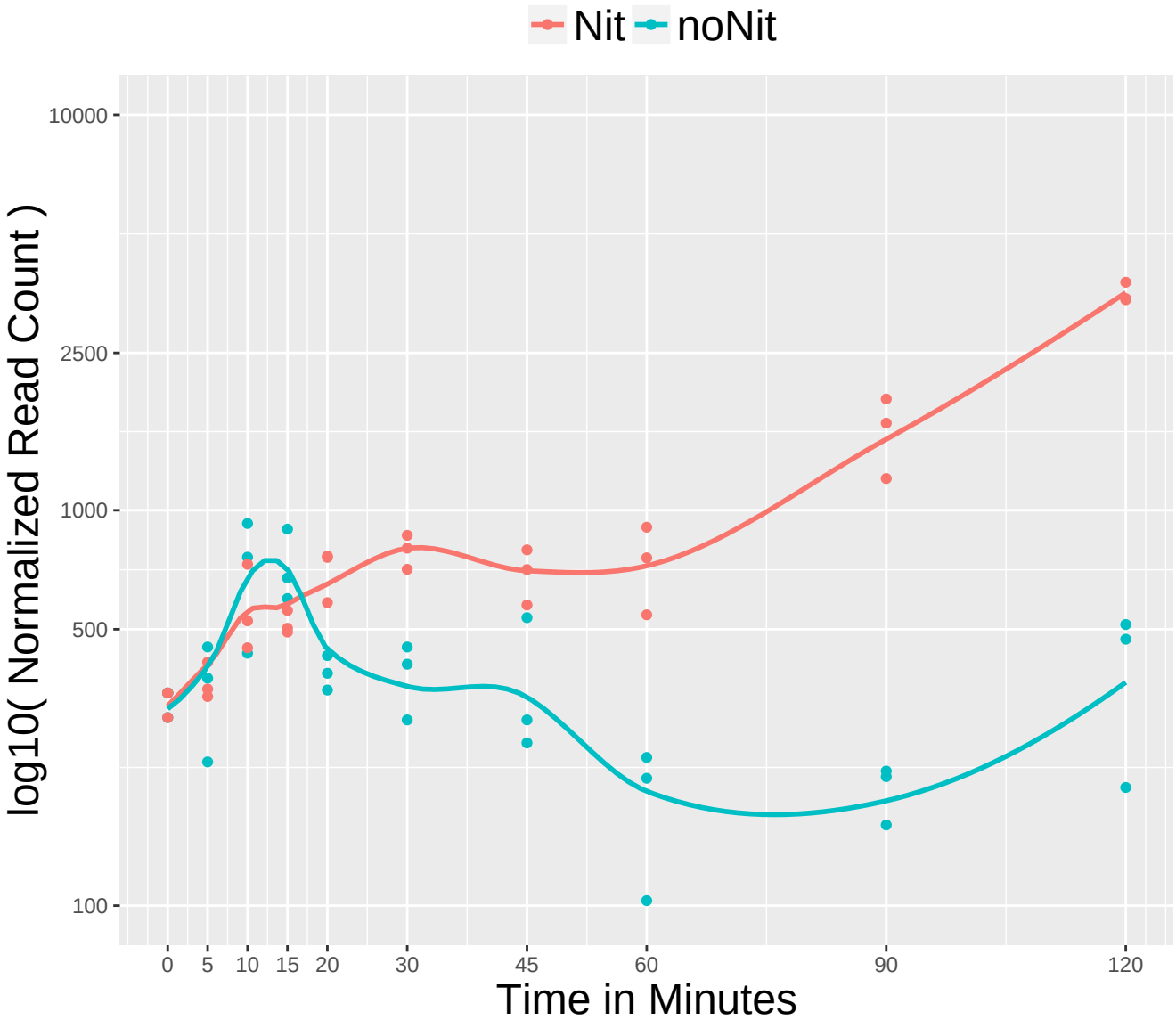
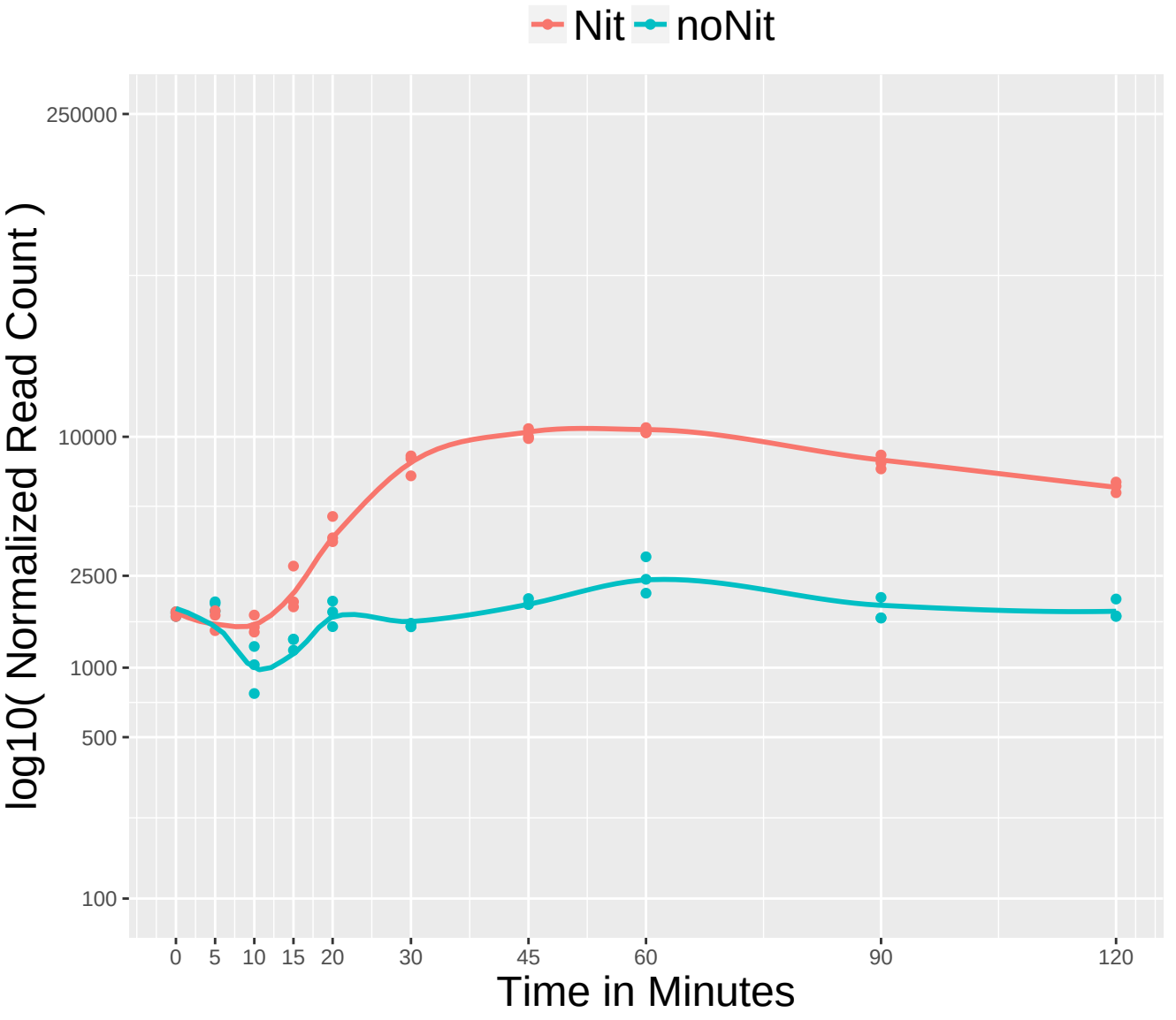
CYP735A2,cytochrome



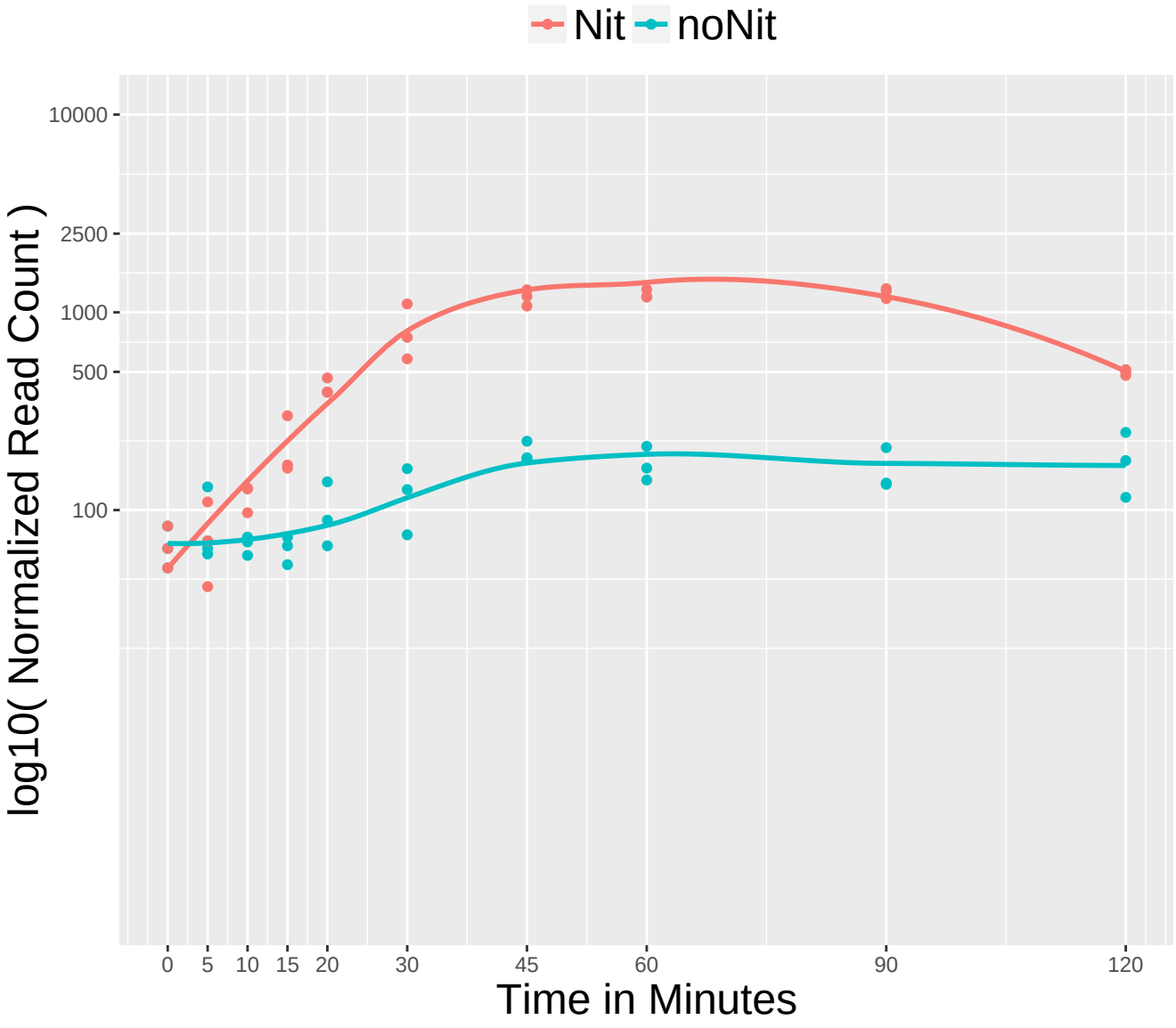
AT1G73920

alpha/beta−Hydrolases



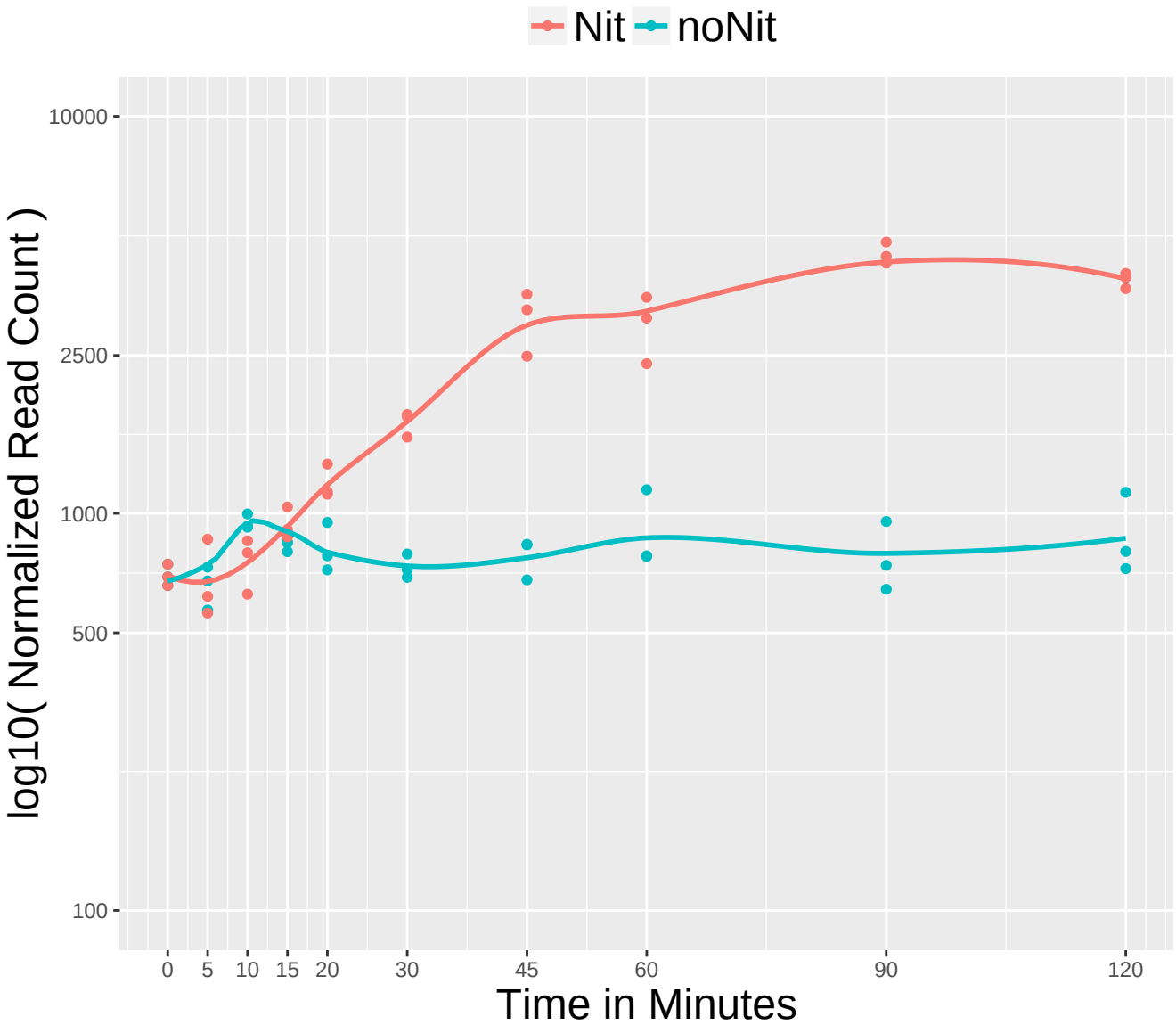
AT1G78090

ATTPPB,Arabidopsis



AT2G41560

ACA4,"autoinhibited



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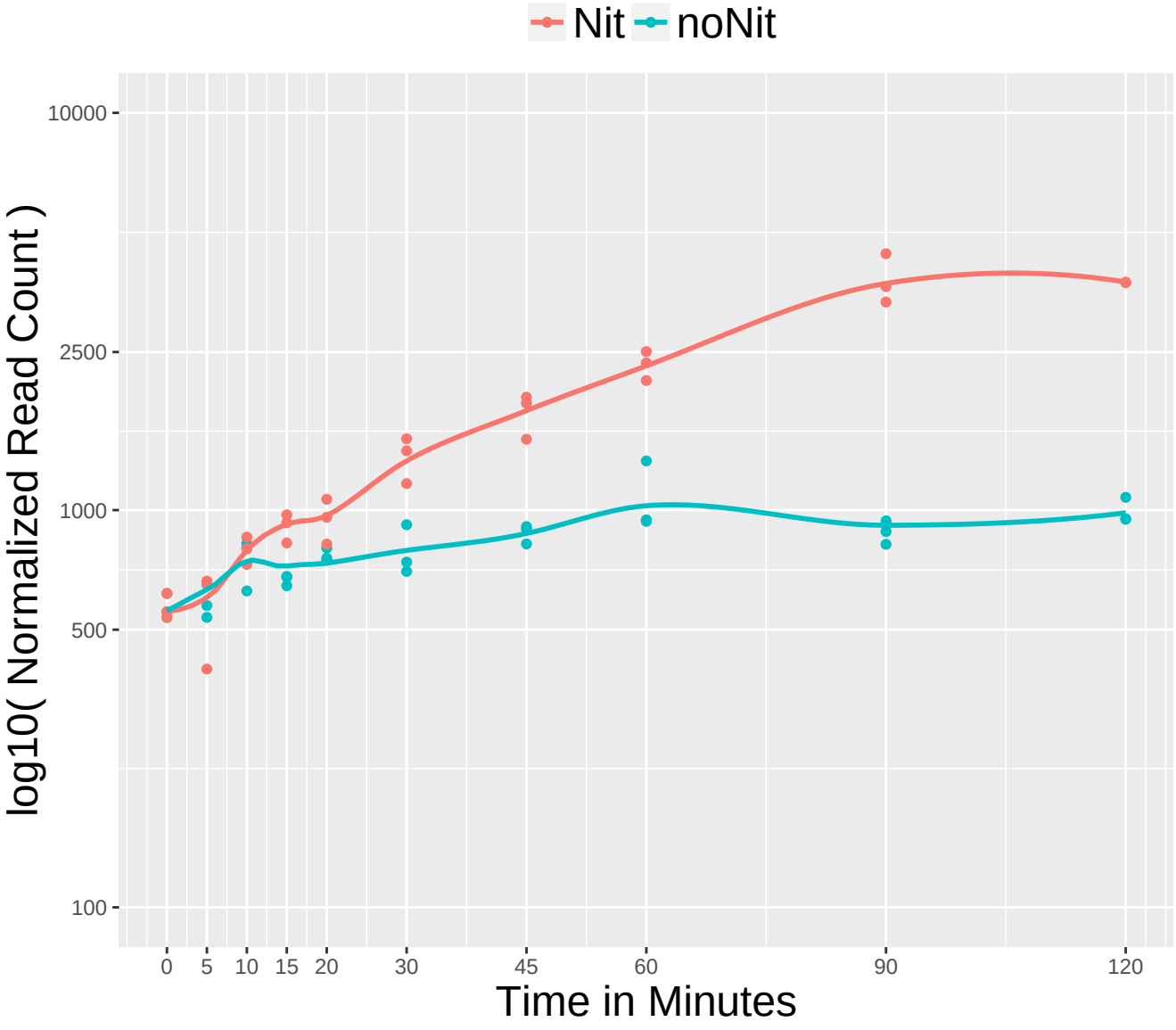
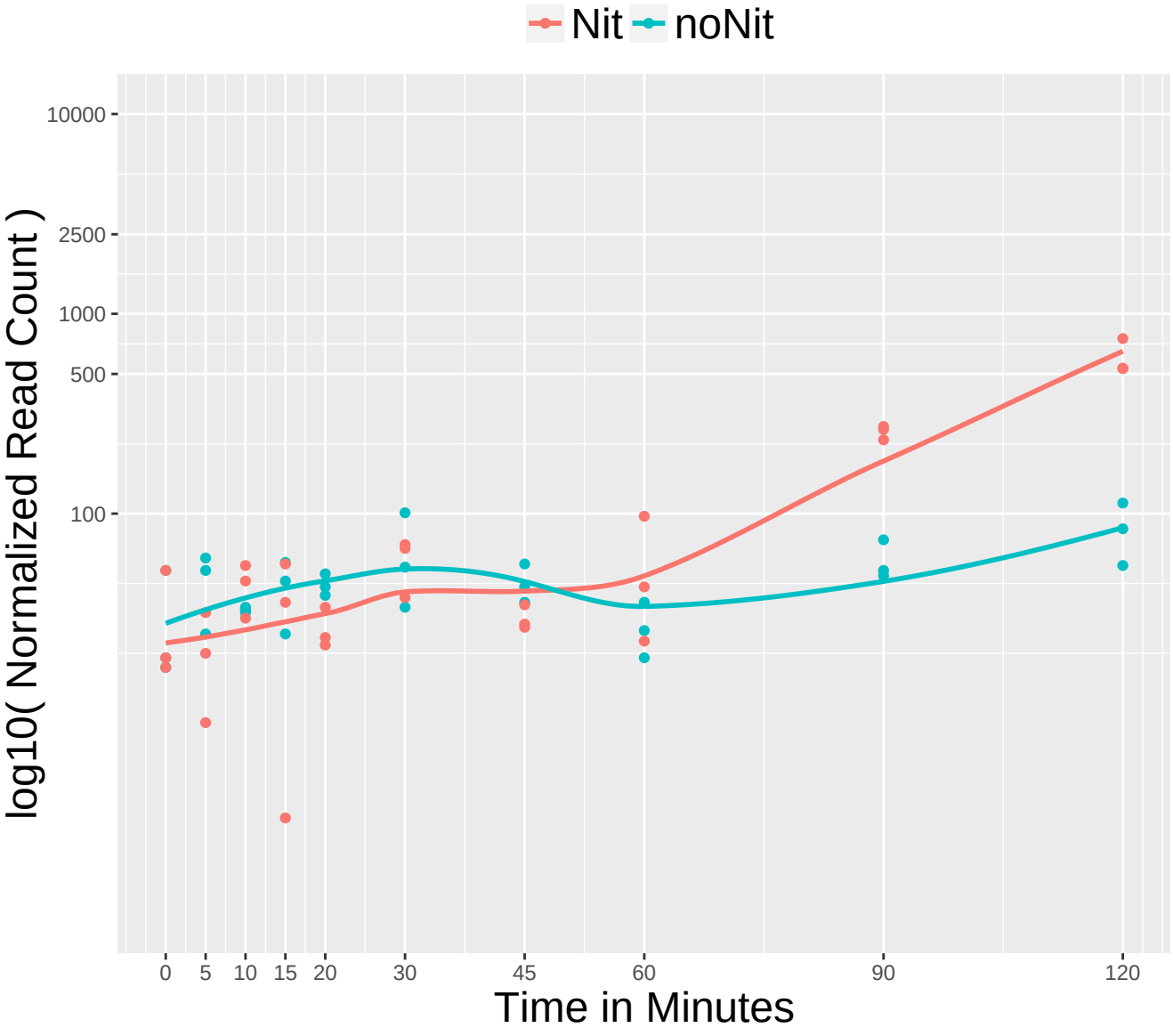
AtBOR1,,BOR1,REQUIRES



AT3G05770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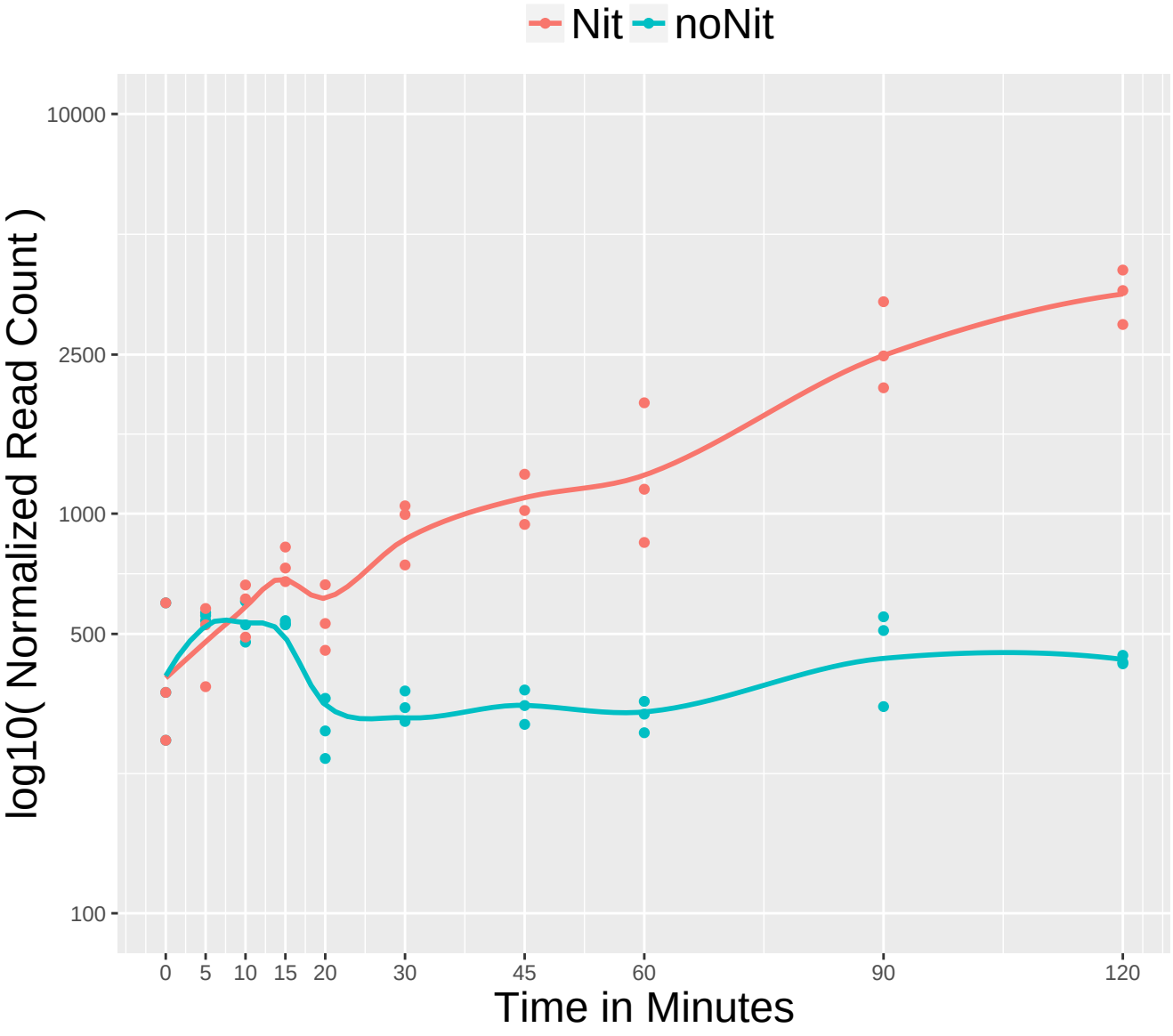
Time in Minutes

AT3G15630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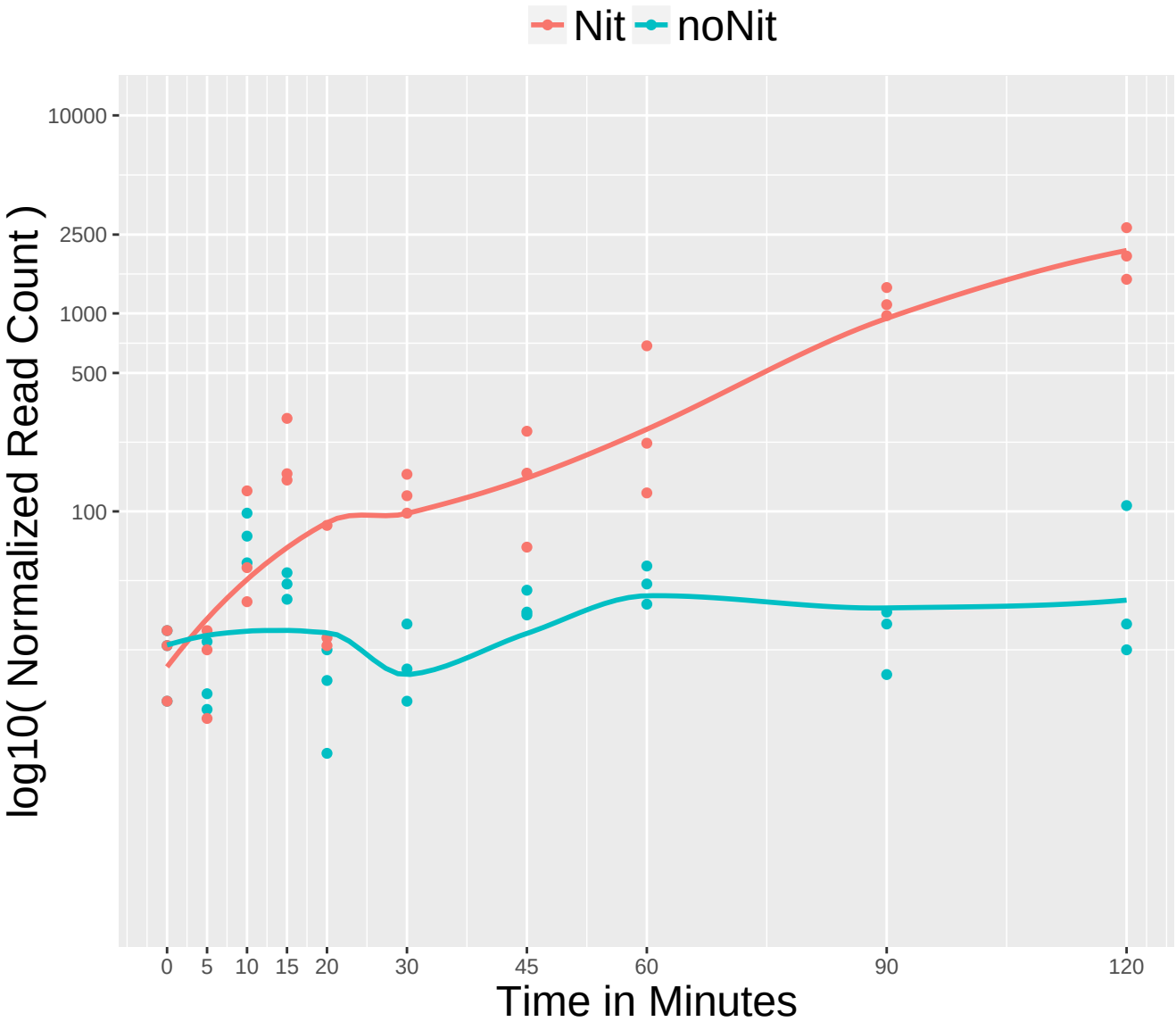
Time in Minutes

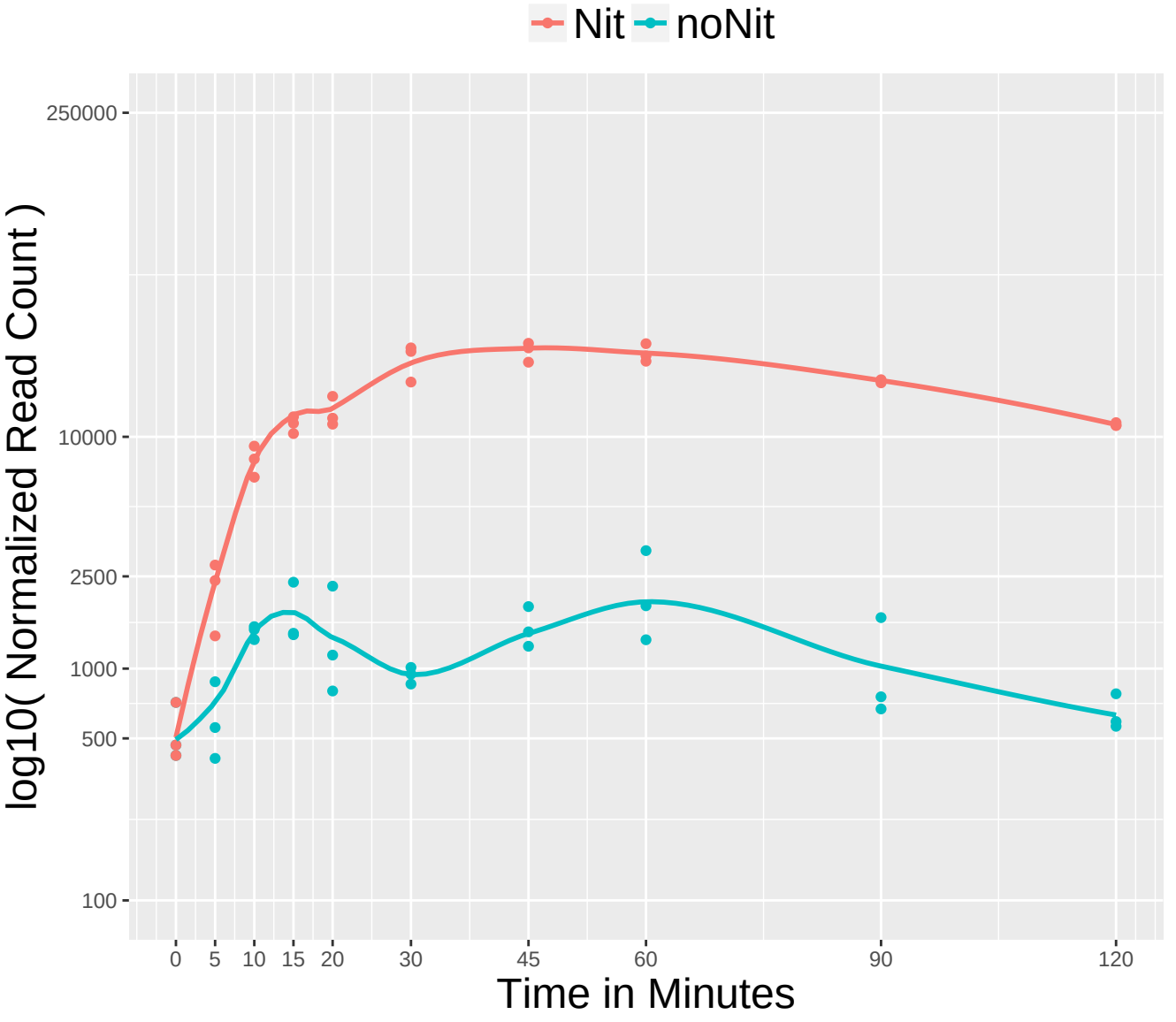
AT3G47340

ASN1,glutamine−dependent



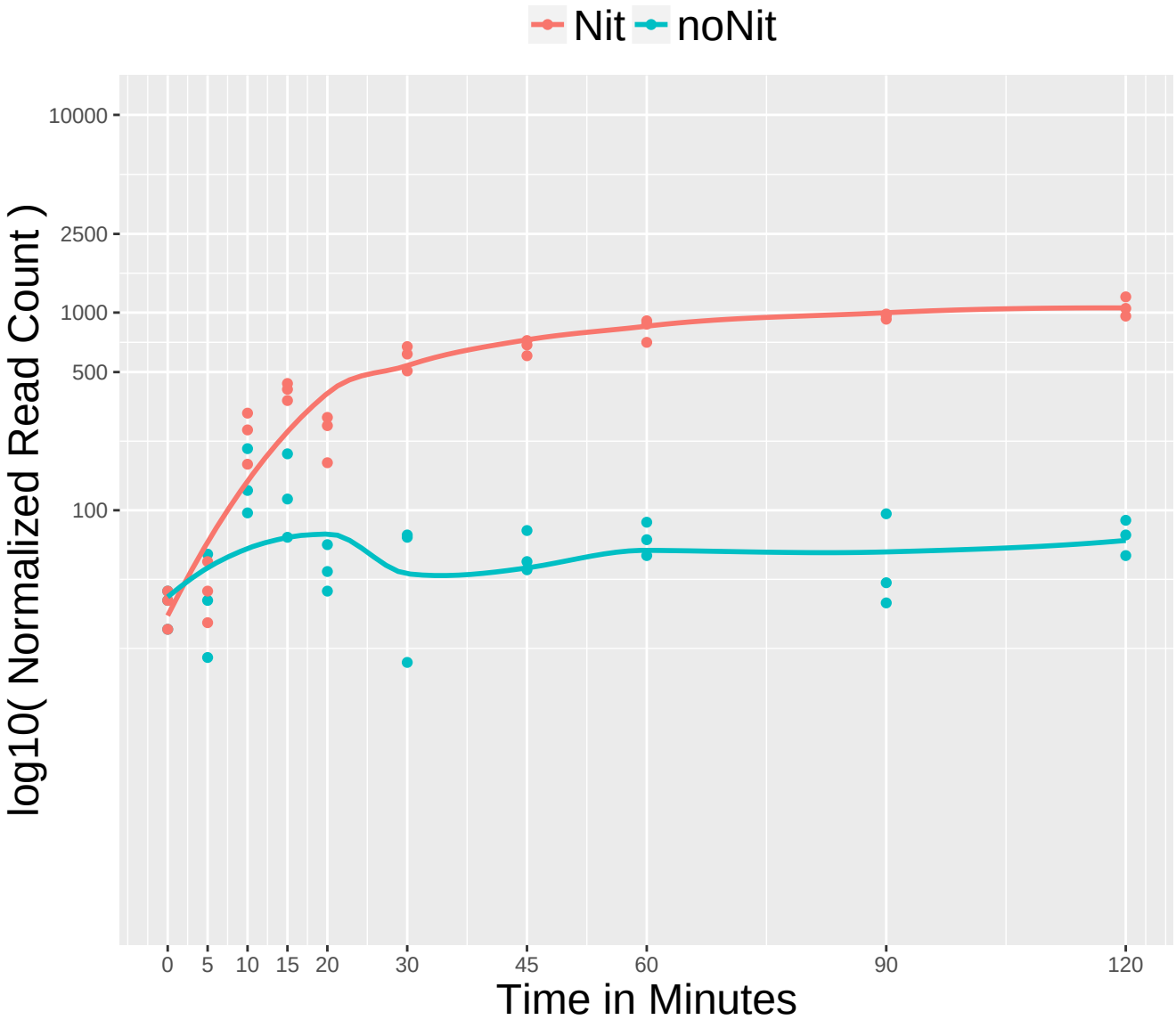
AT3G49940

LBD38,LOB



AT3G63110

ATIPT3,isopentenyltransferase



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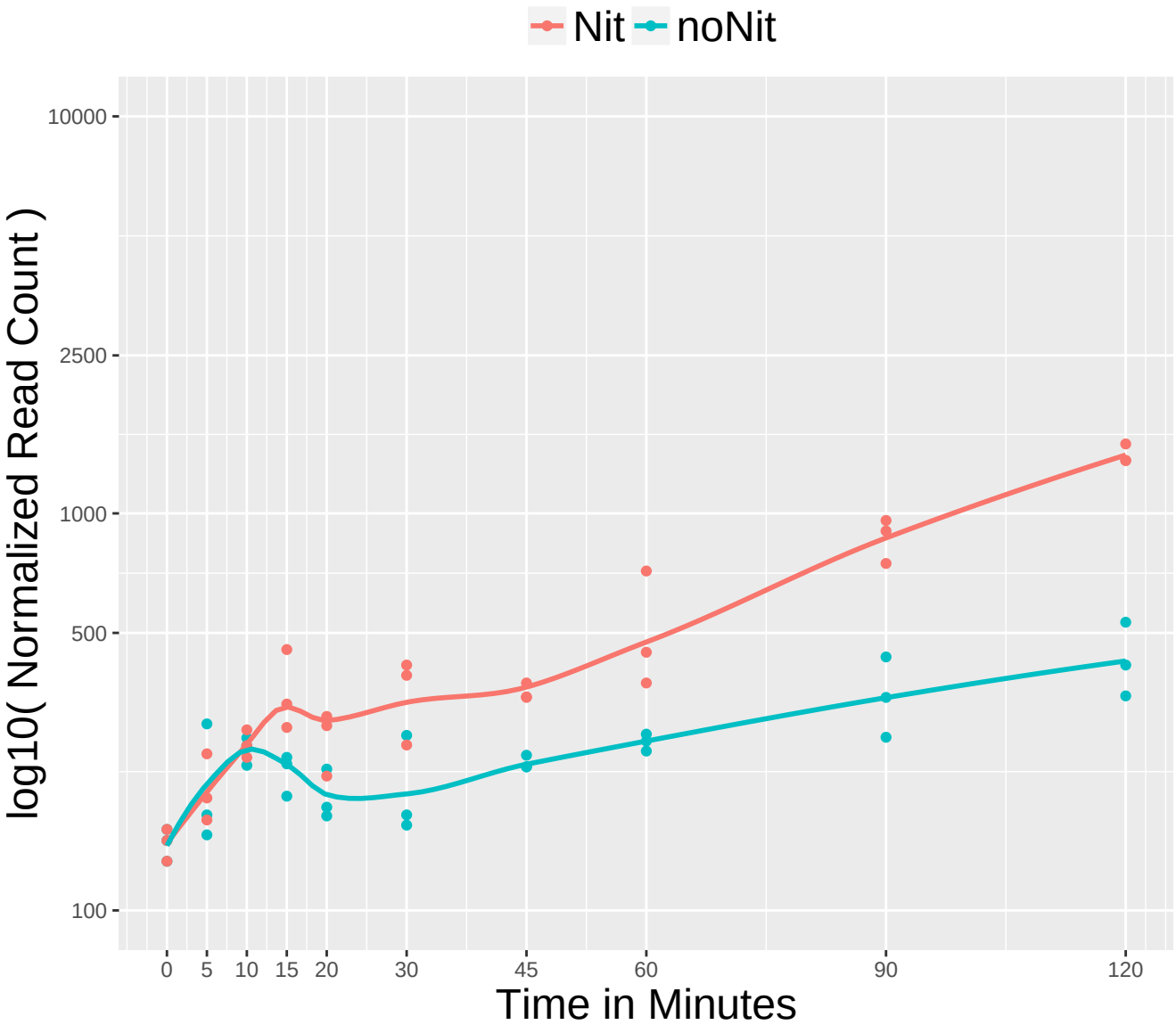
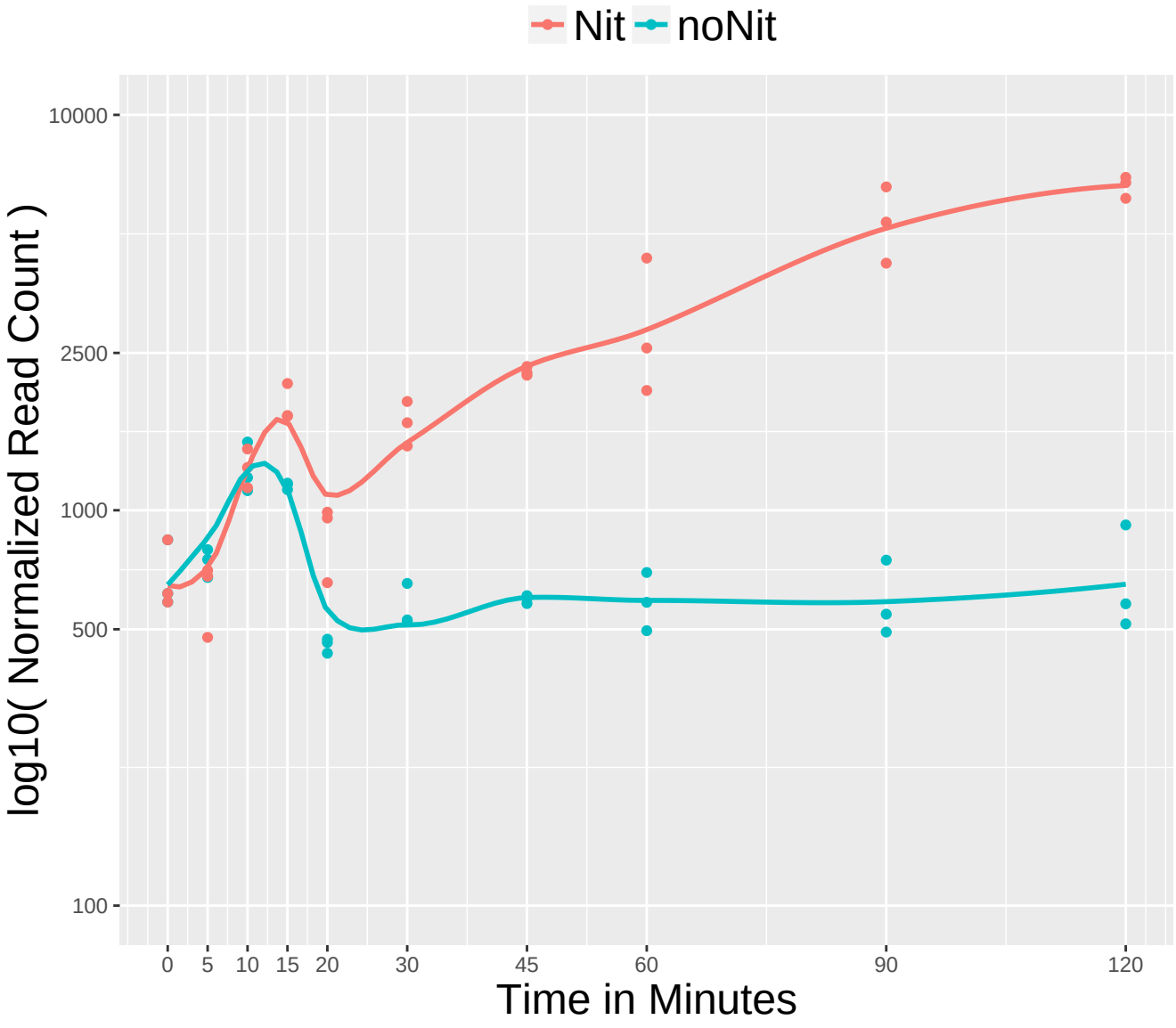
HHO5,Homeodomain−like



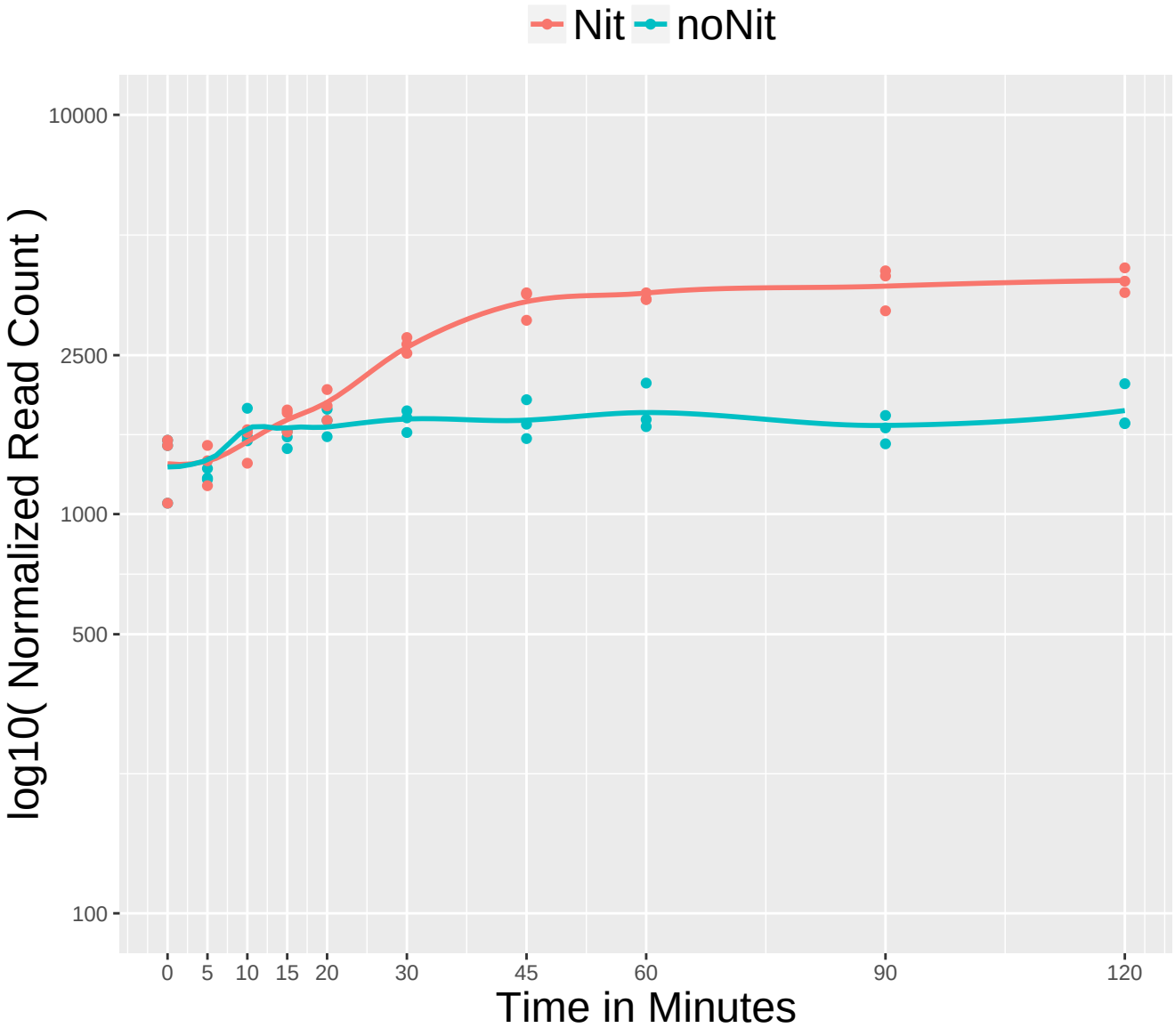
AT4G38470

STY46,serine/threonine/tyrosine



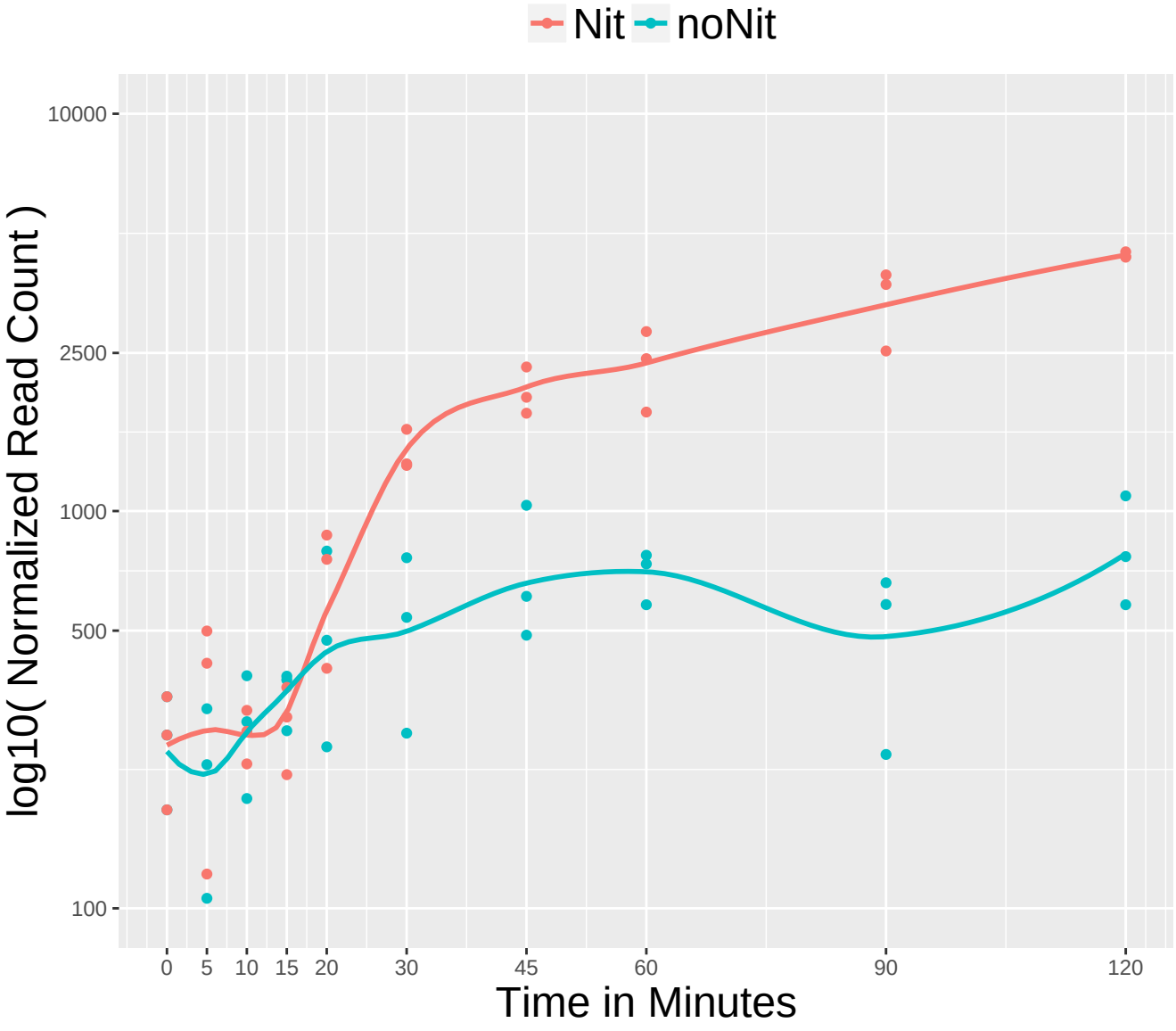
AT5G14060

CARAB−AK−LYS



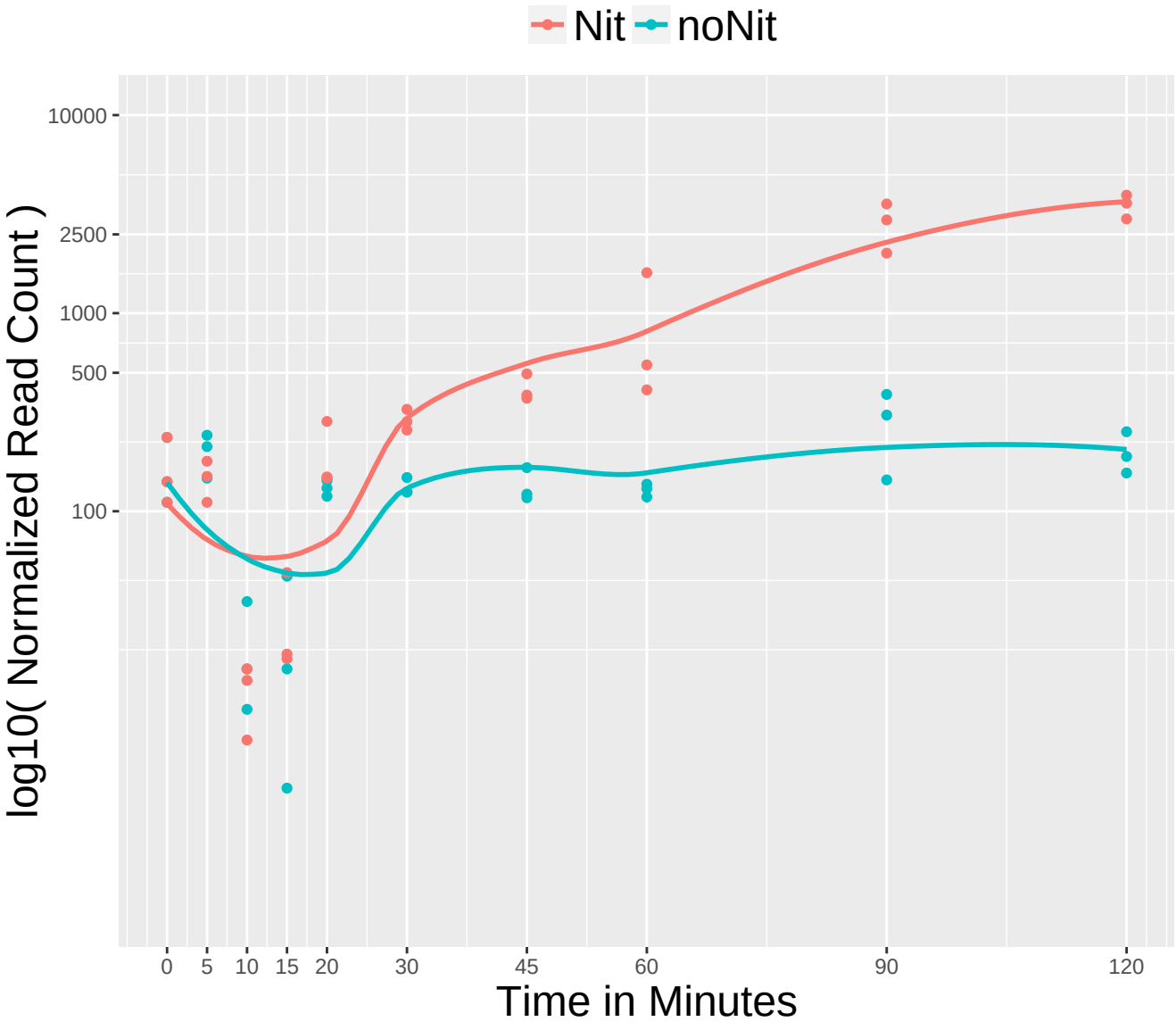
AT5G19600

SULTR3;5,sulfate



AT5G22920

CHY−type/CTCHY−type/RING−type



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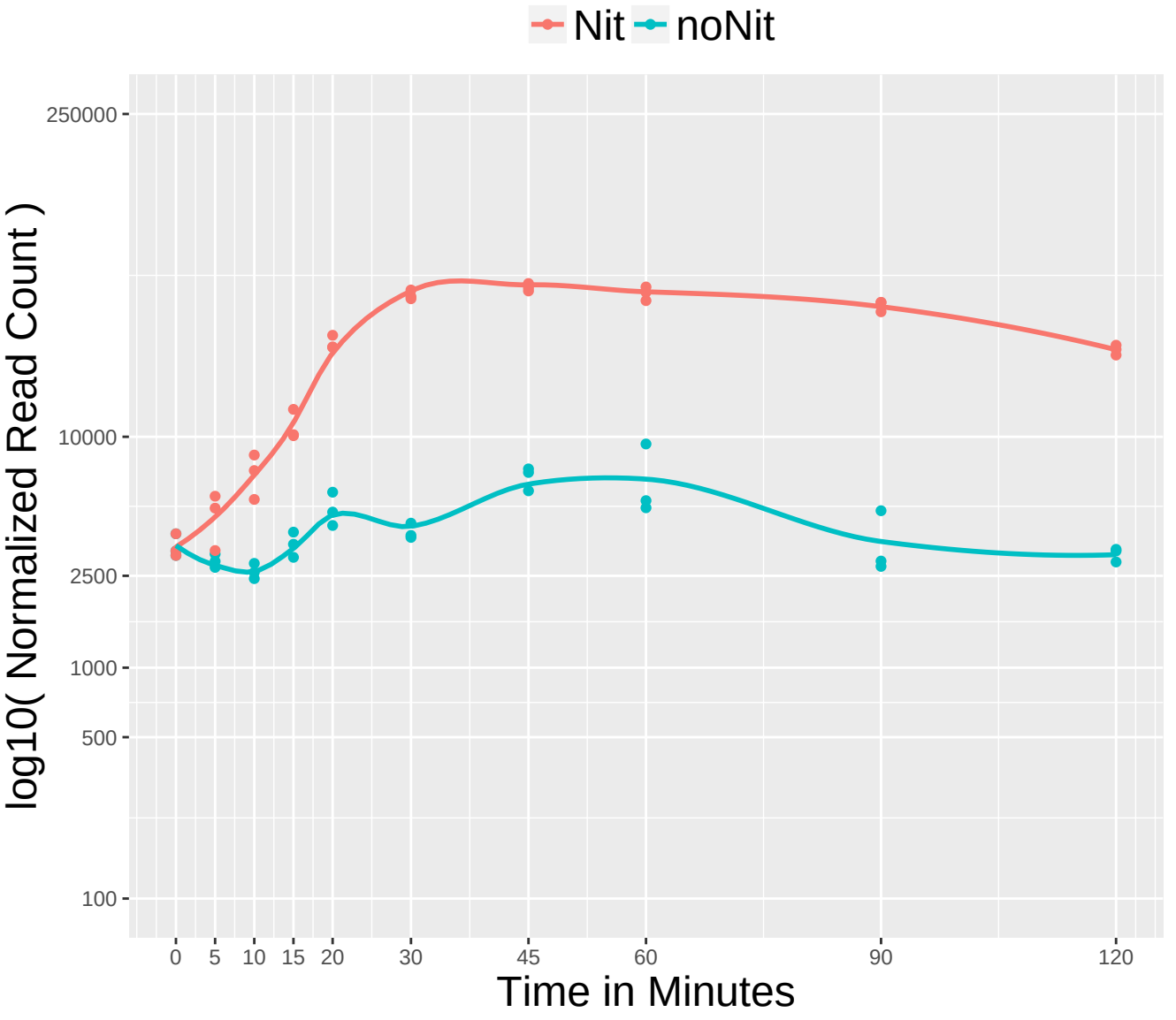
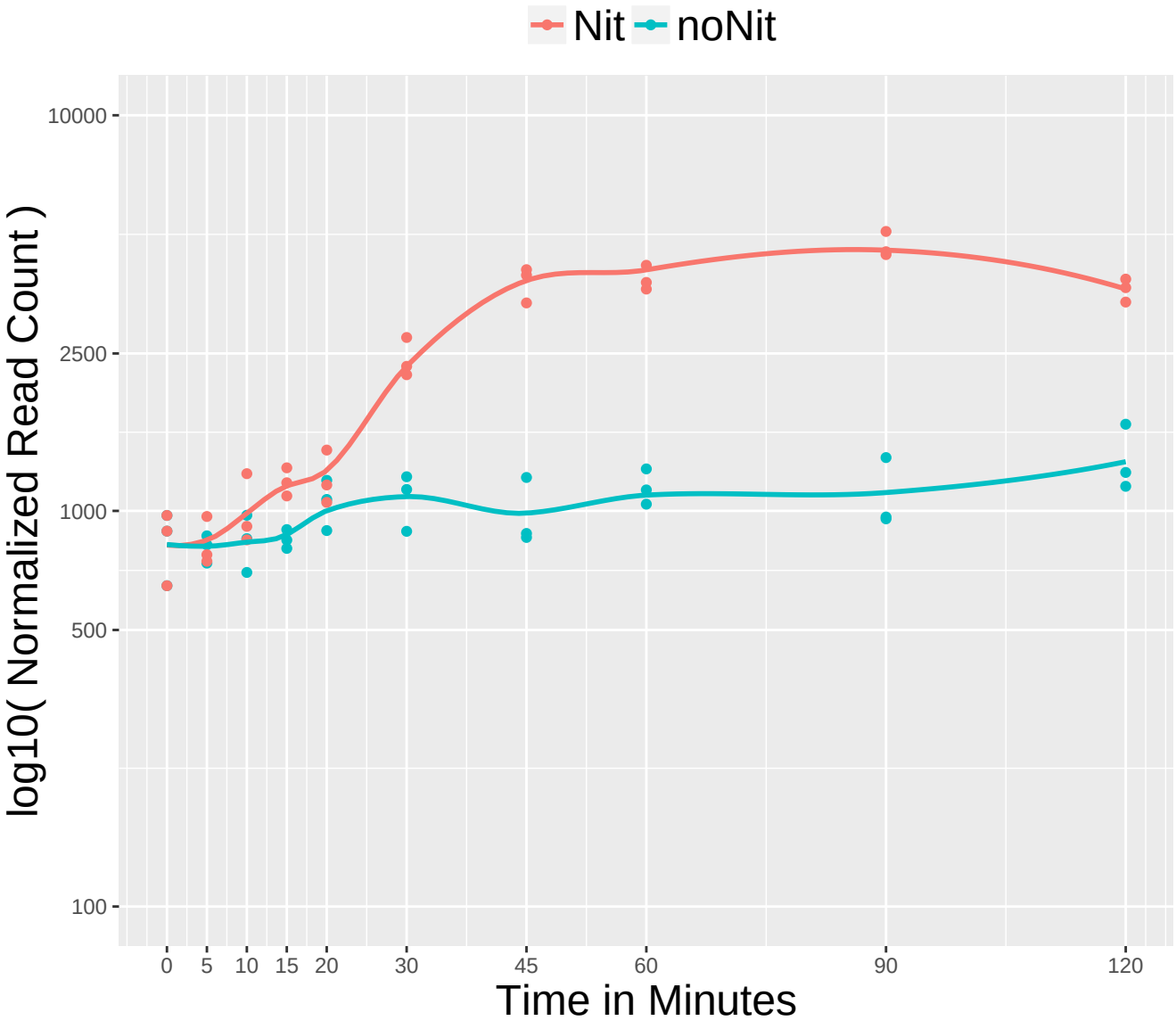
UPM1,urophorphyrin



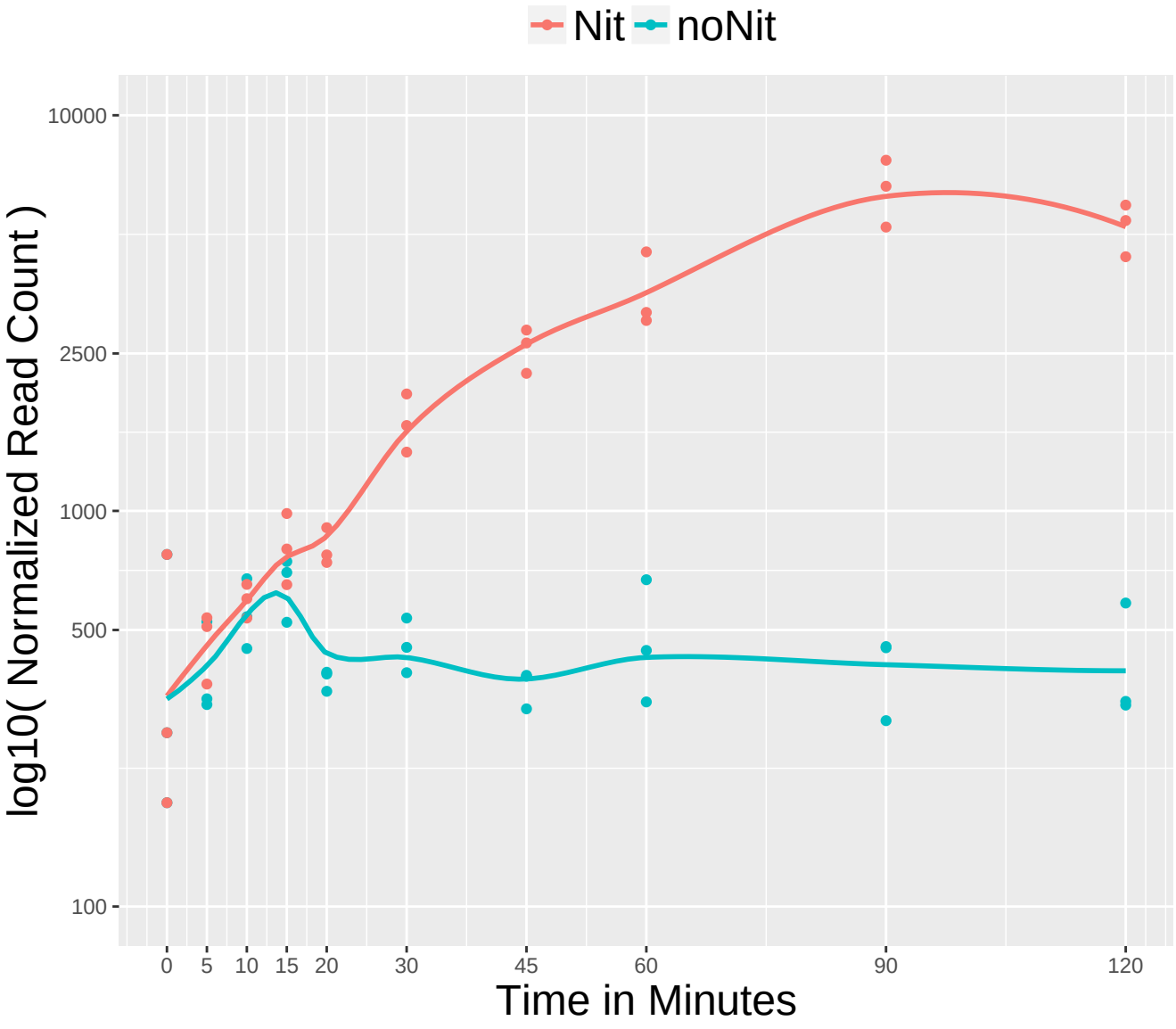
AT5G65010

ASN2,asparagine



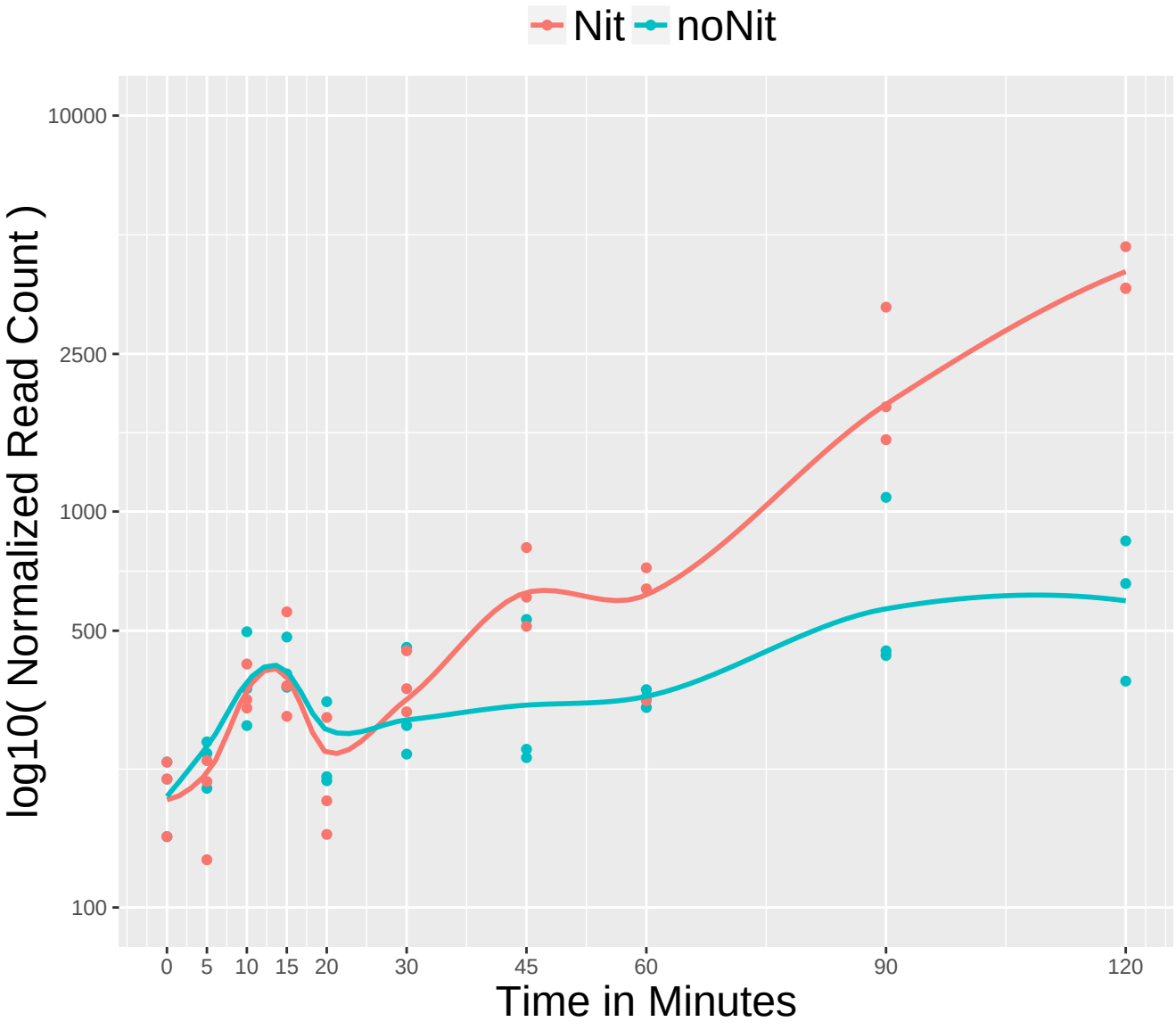
AT1G03850

ATGRXS13,glutaredoxin



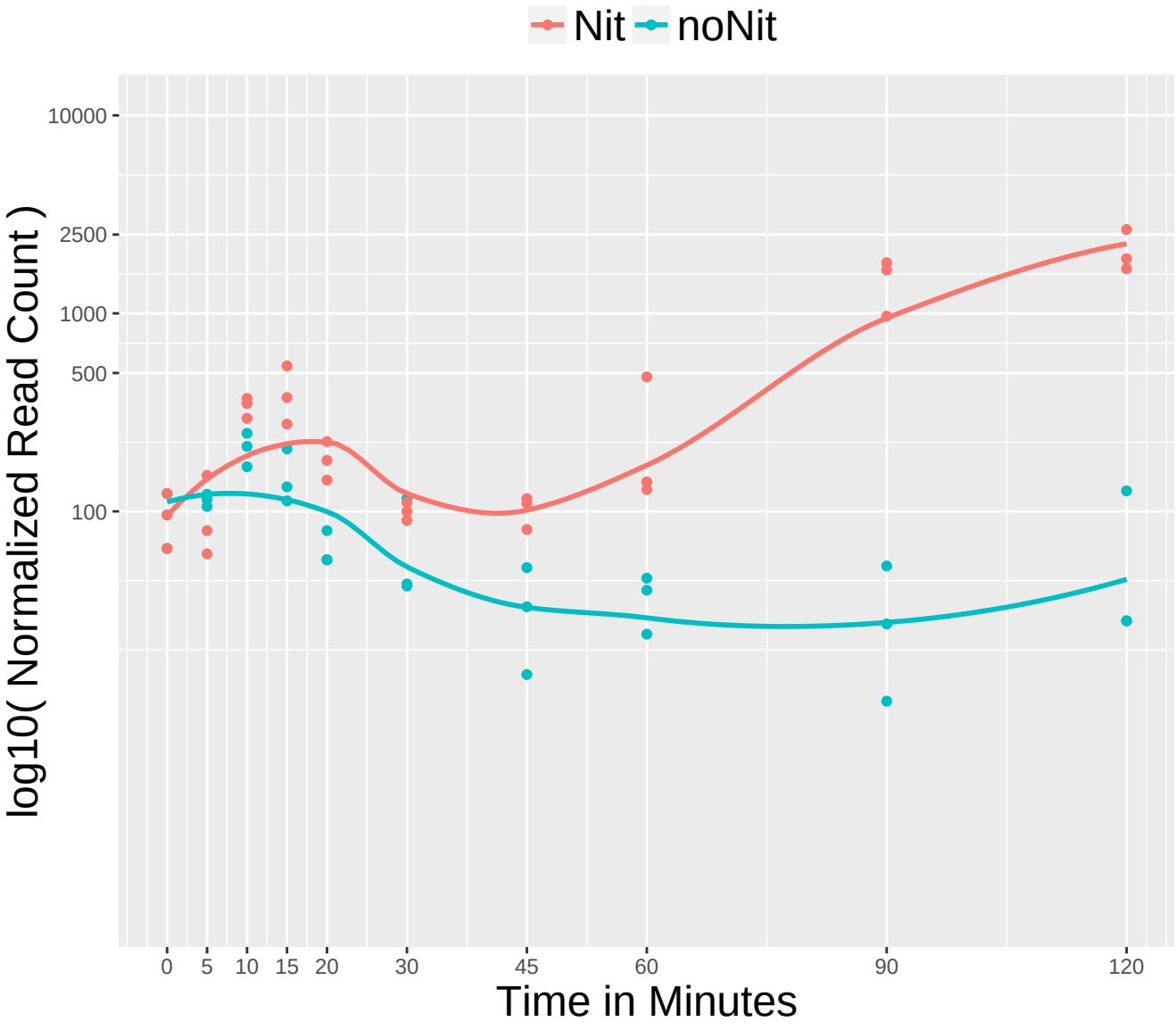
AT1G11080

scpl31,serine



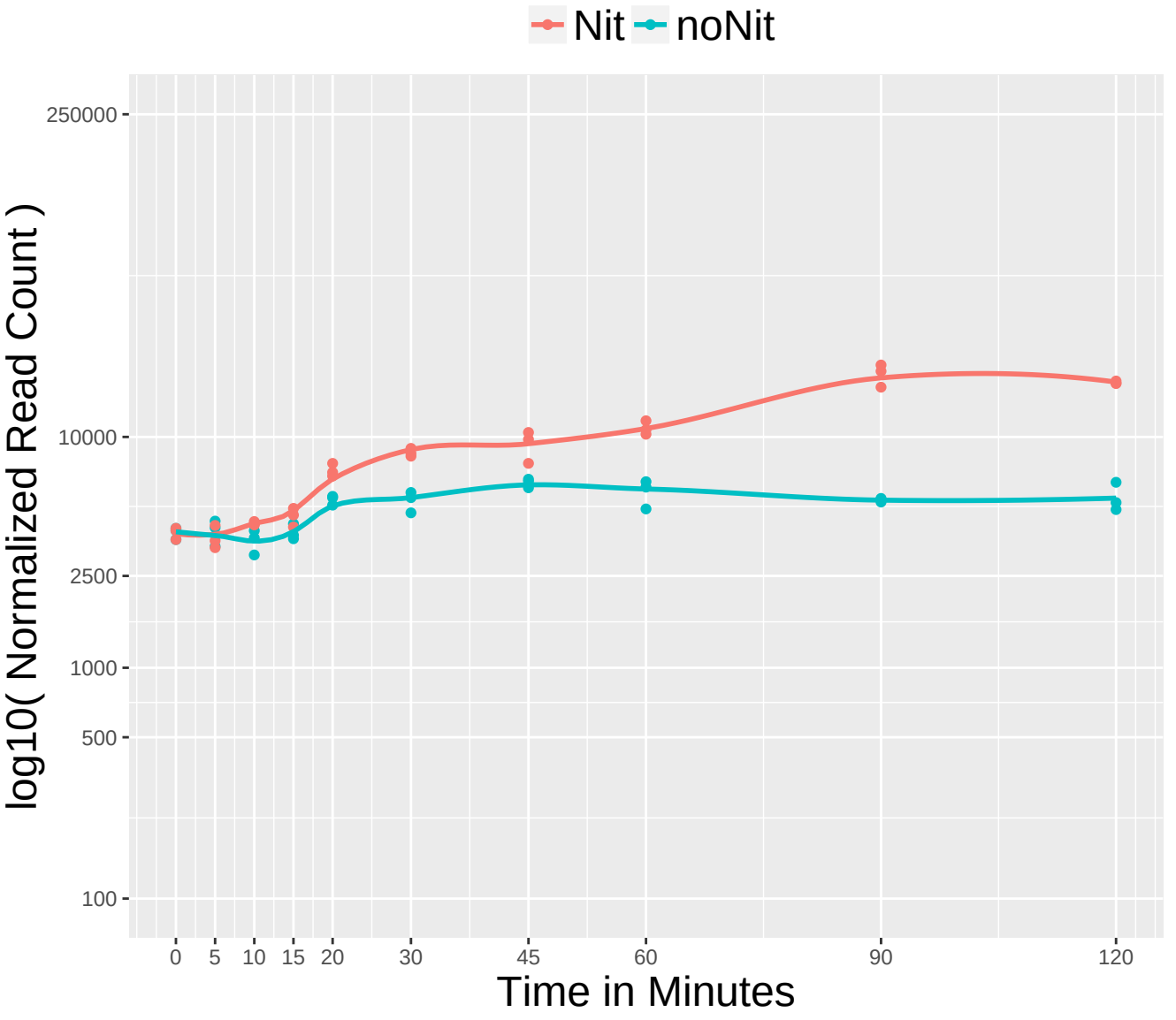
AT1G15040

GAT,glutamine



AT1G31770

ABCG14,ATP−binding



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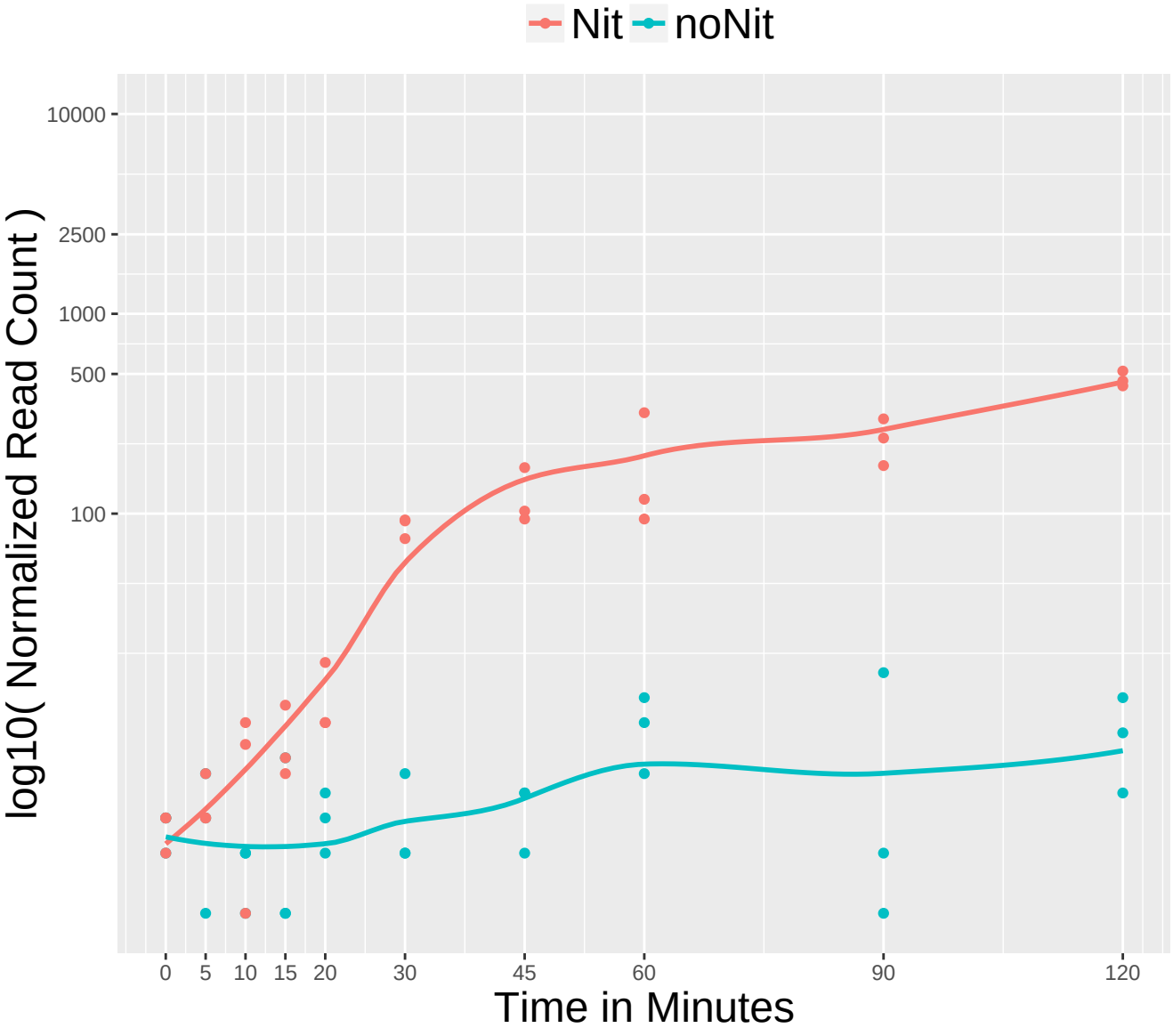
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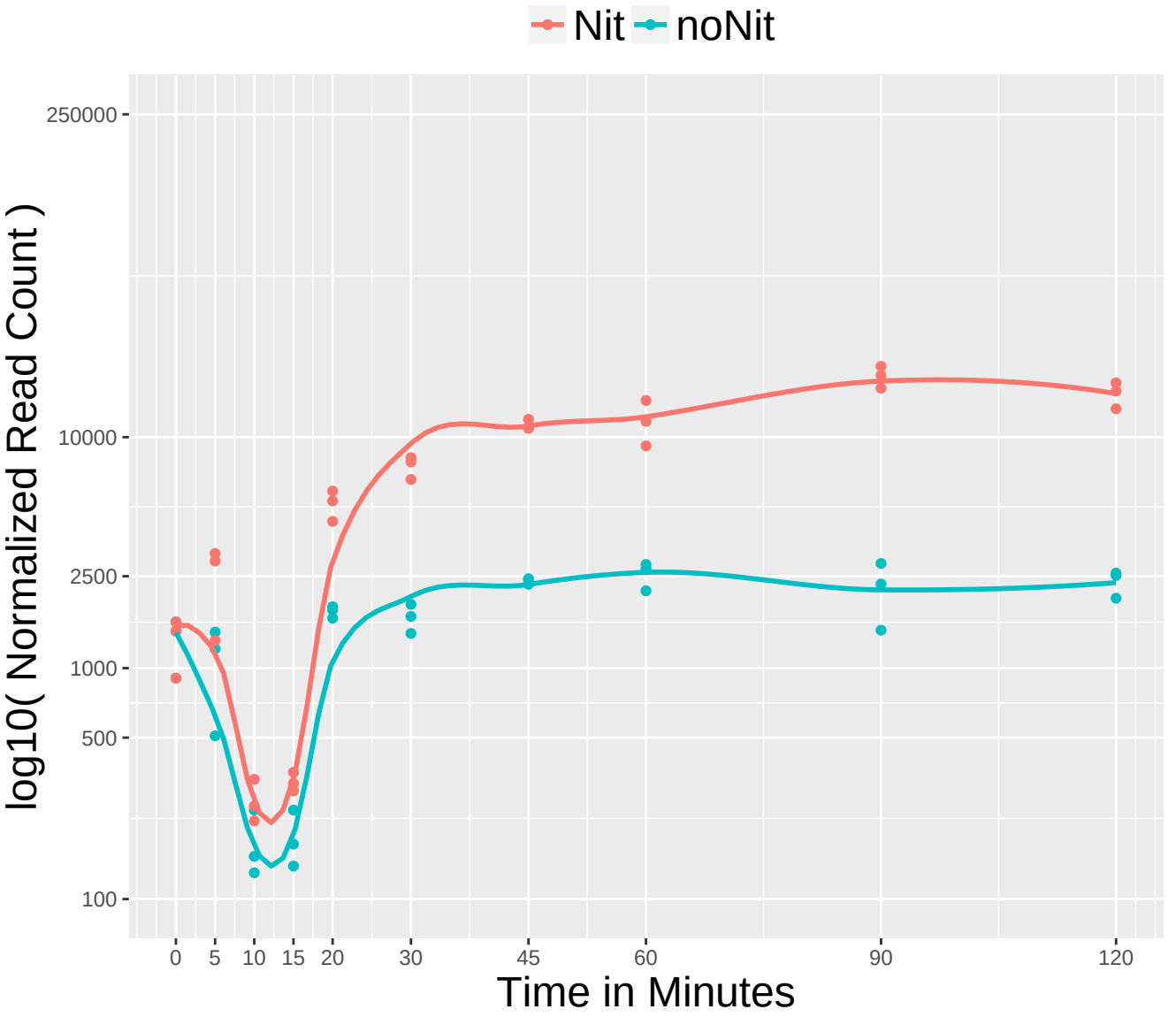
Time in Minutes

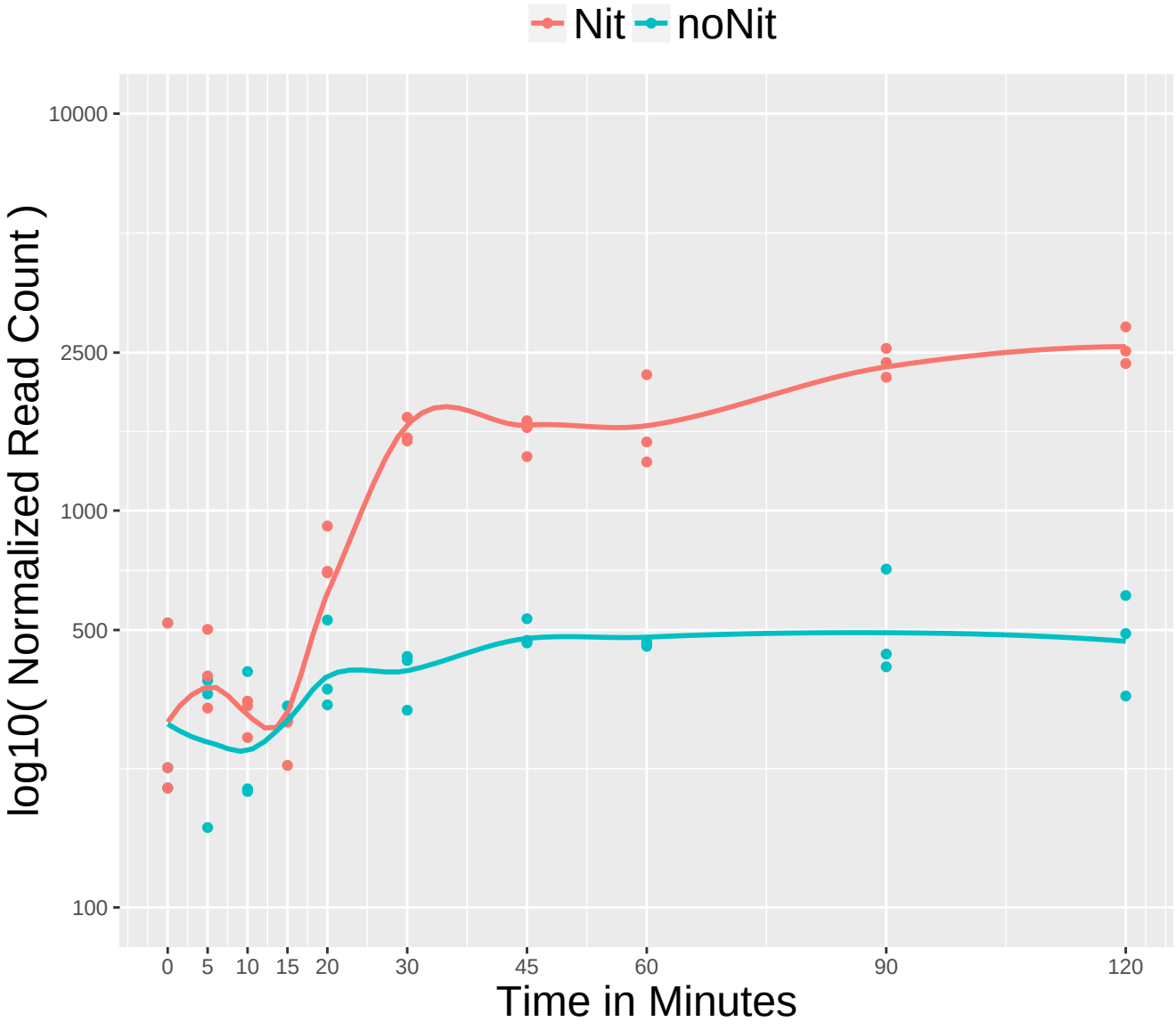
AT1G49860

ATGSTF14,glutathione



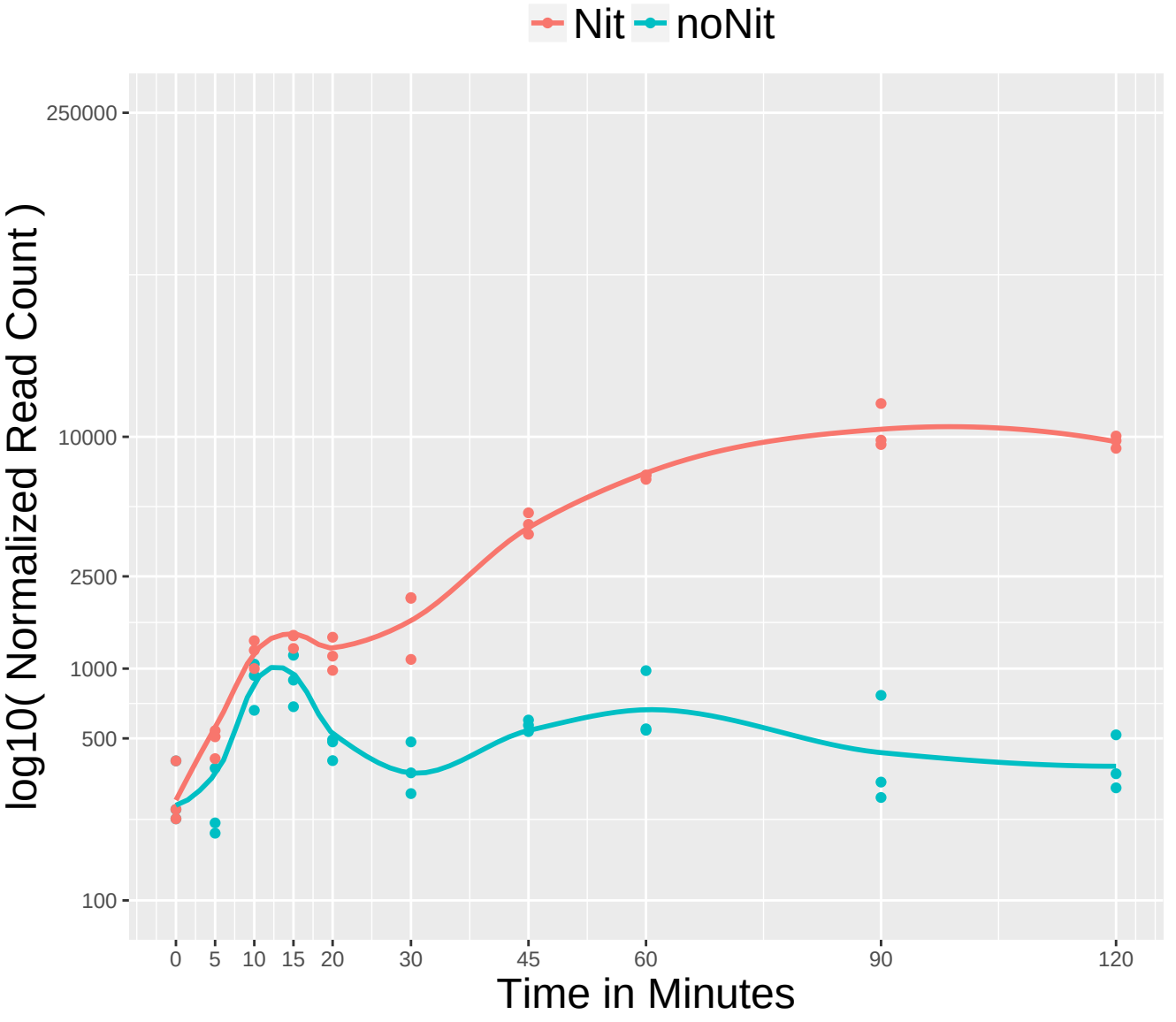
AT1G66600

ABO3,ABA



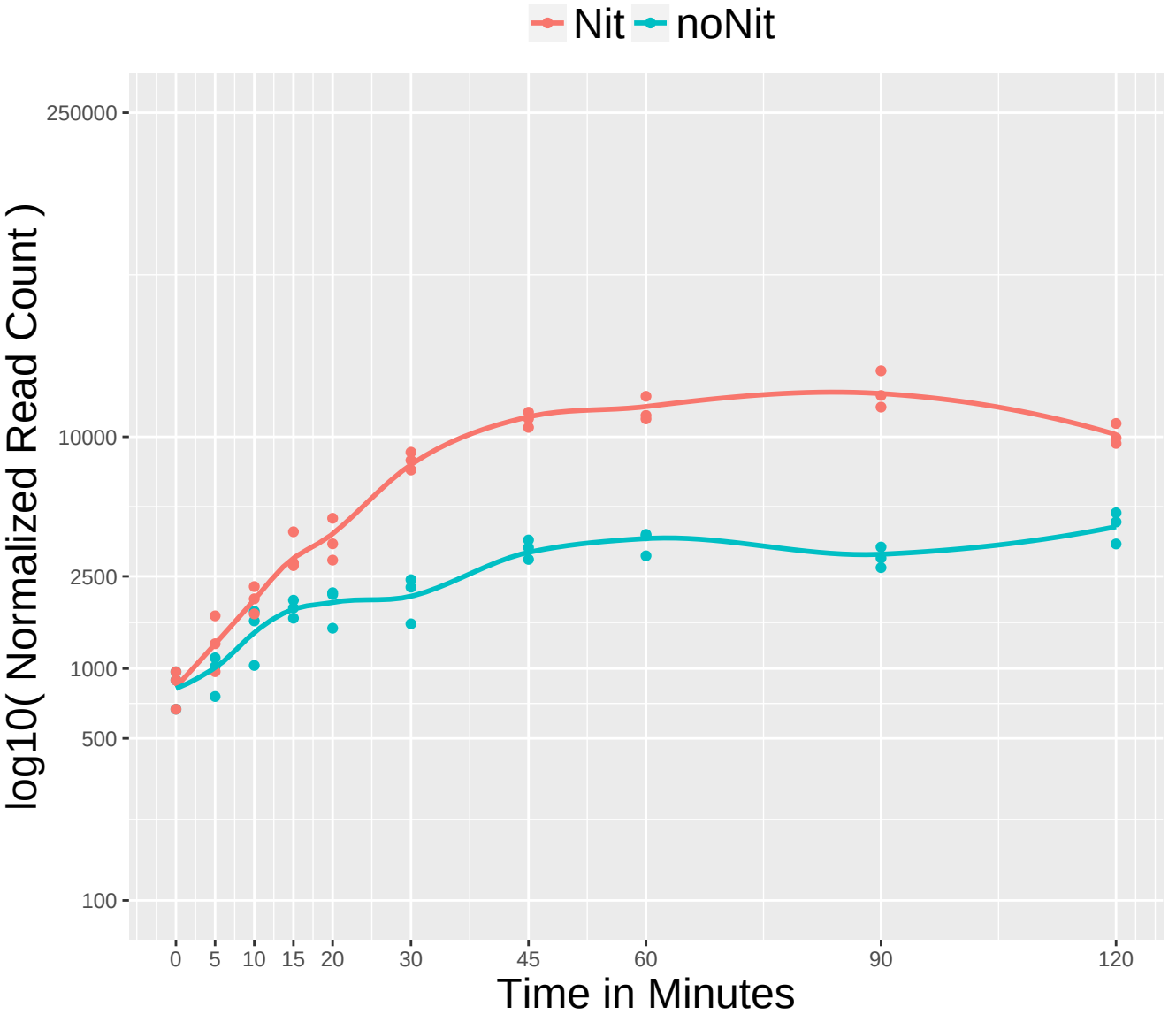
AT1G68880

AtbZIP,basic



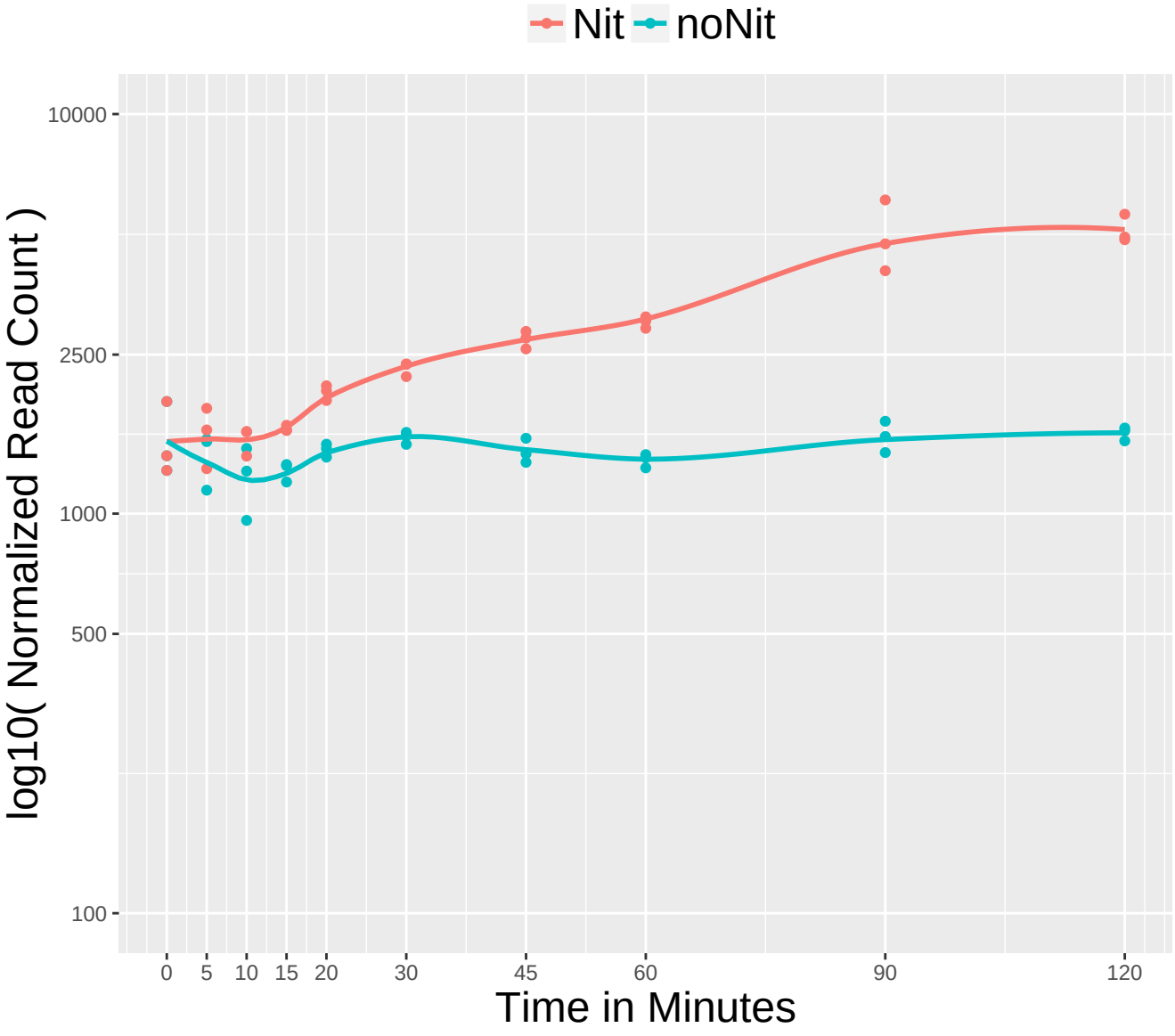
AT1G70410

ATBCA4,BETA



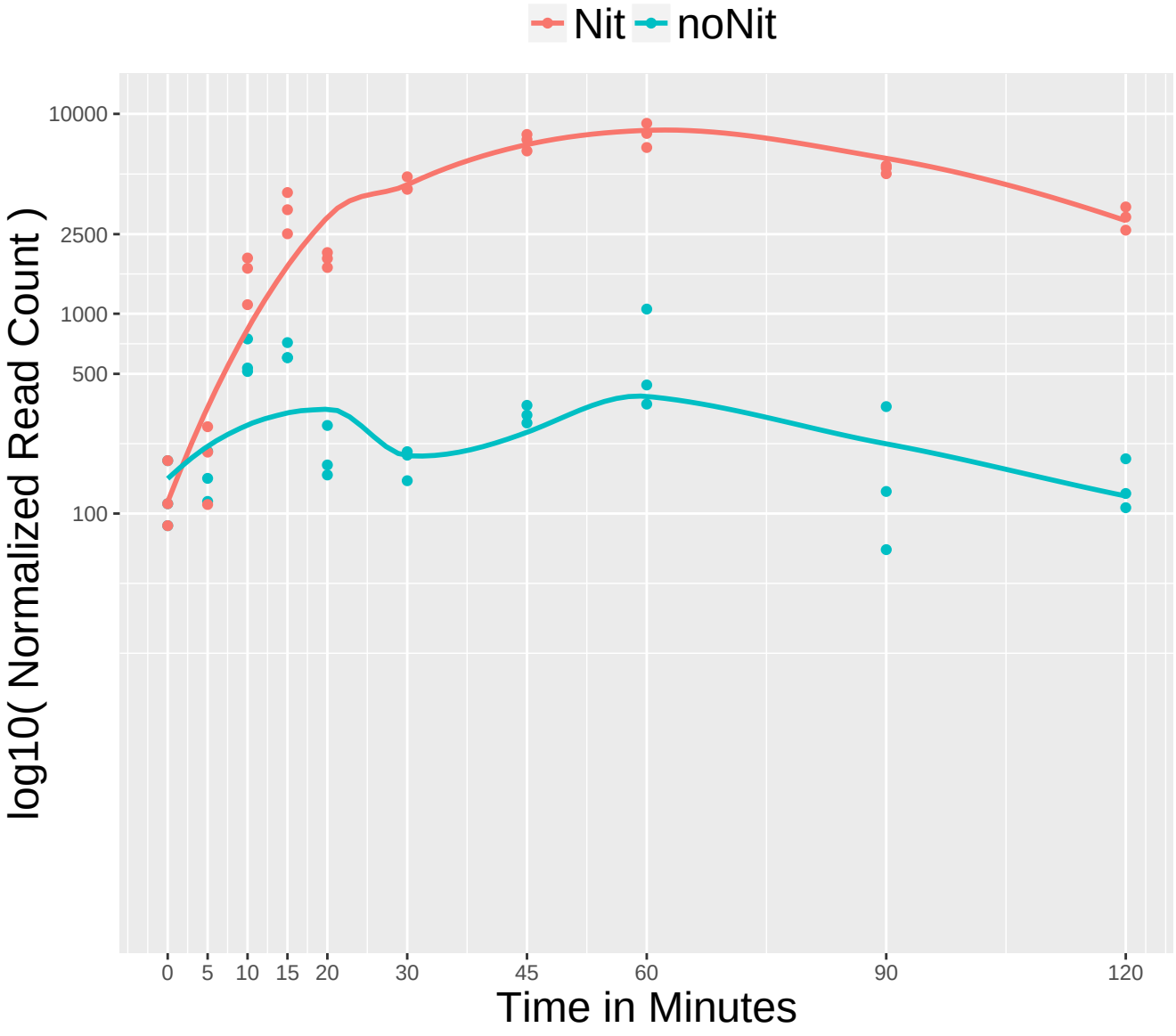
AT2G31810

ACT



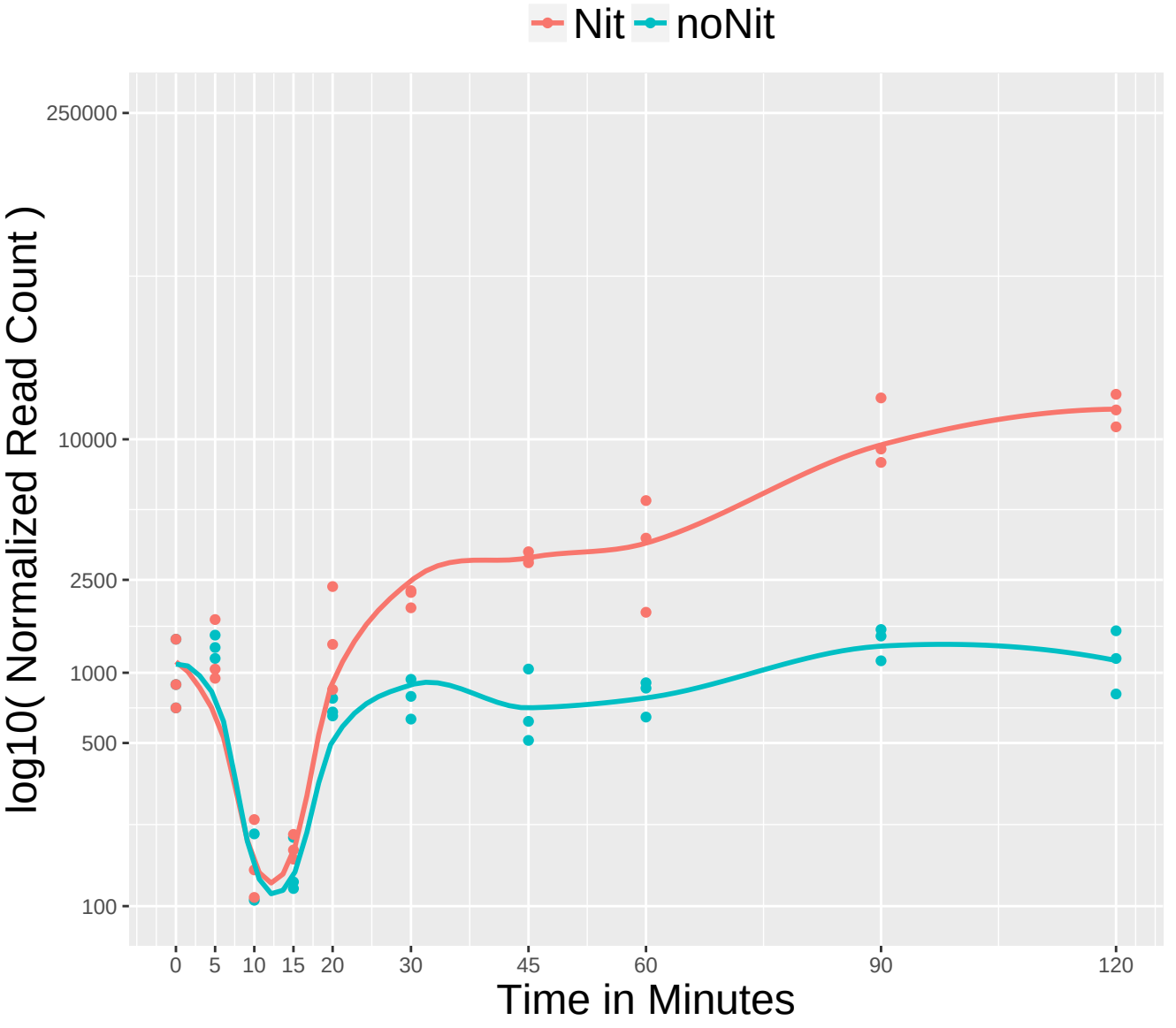
AT2G48080

oxidoreductase



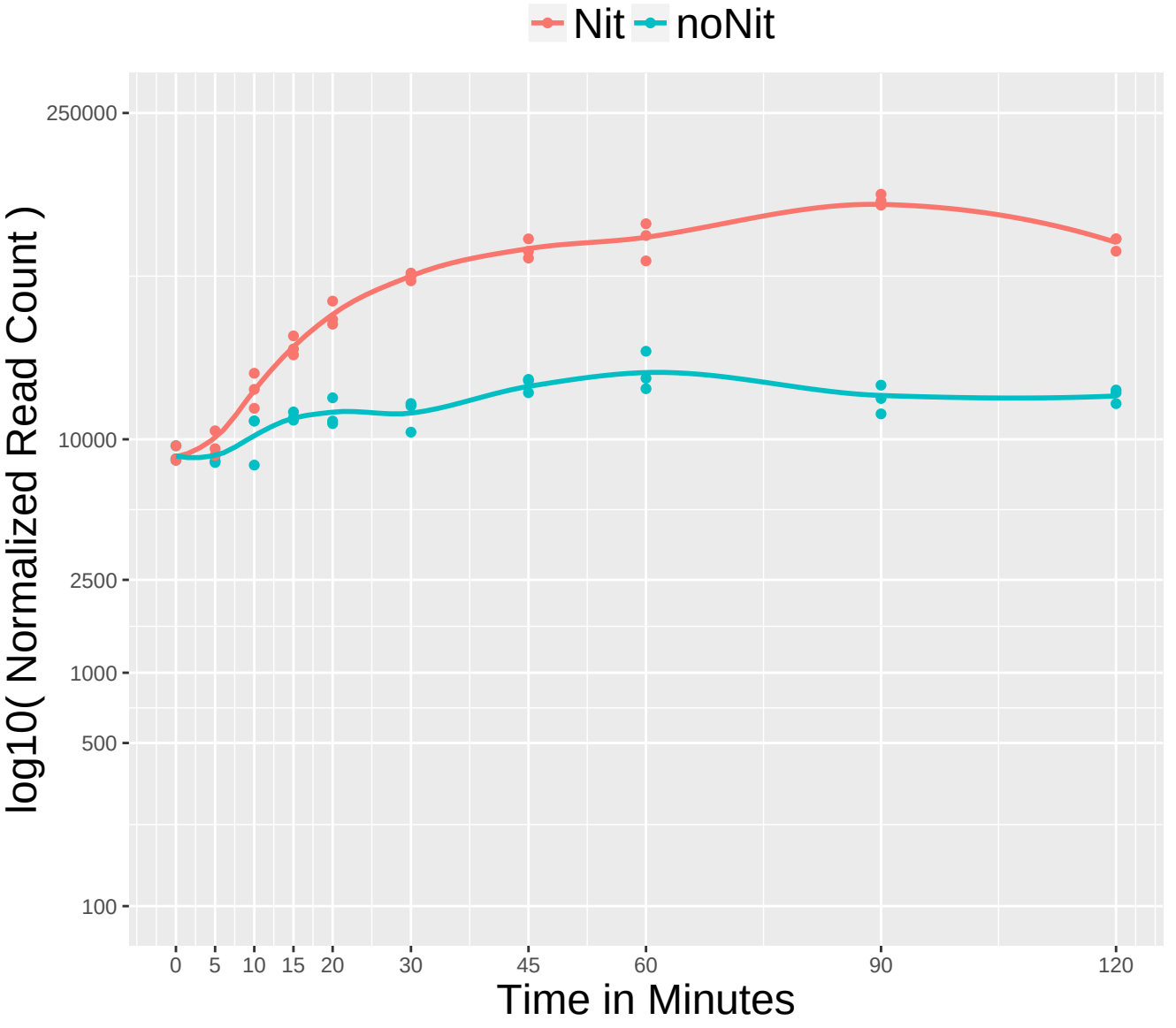
AT3G15450

Aluminium



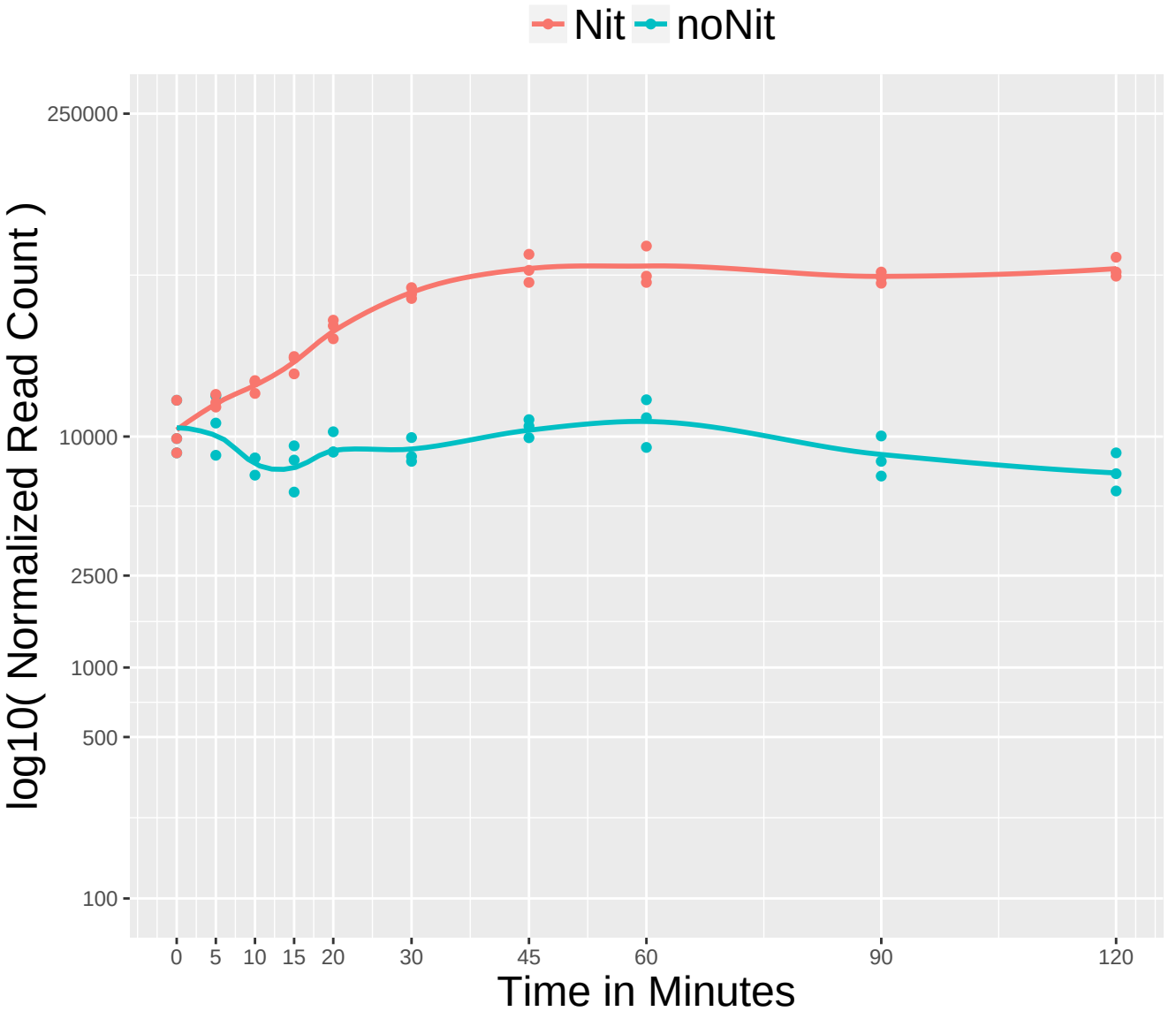
AT3G60750

Transketolase



AT4G02380

AtLEA5,Arabidopsis



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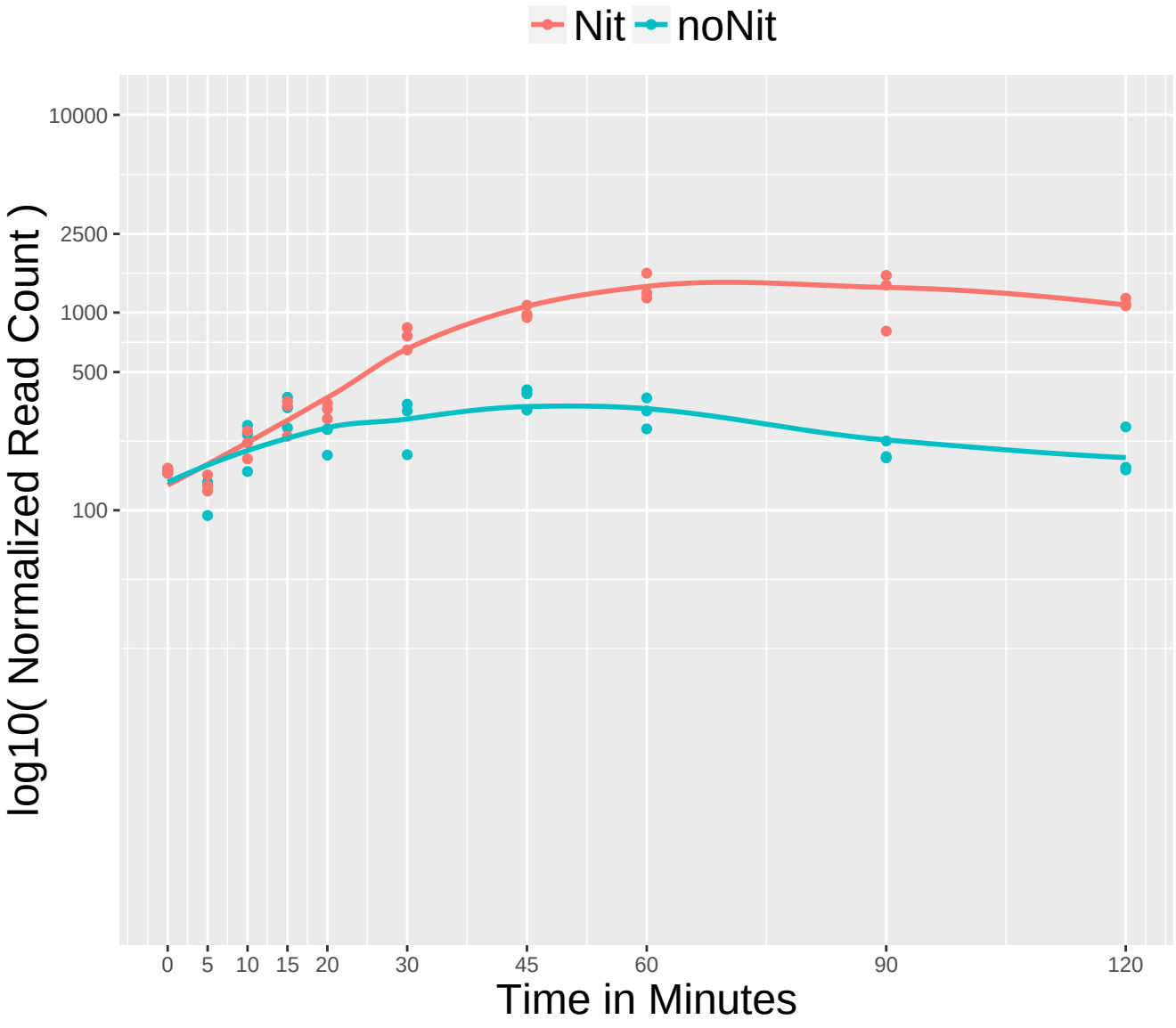

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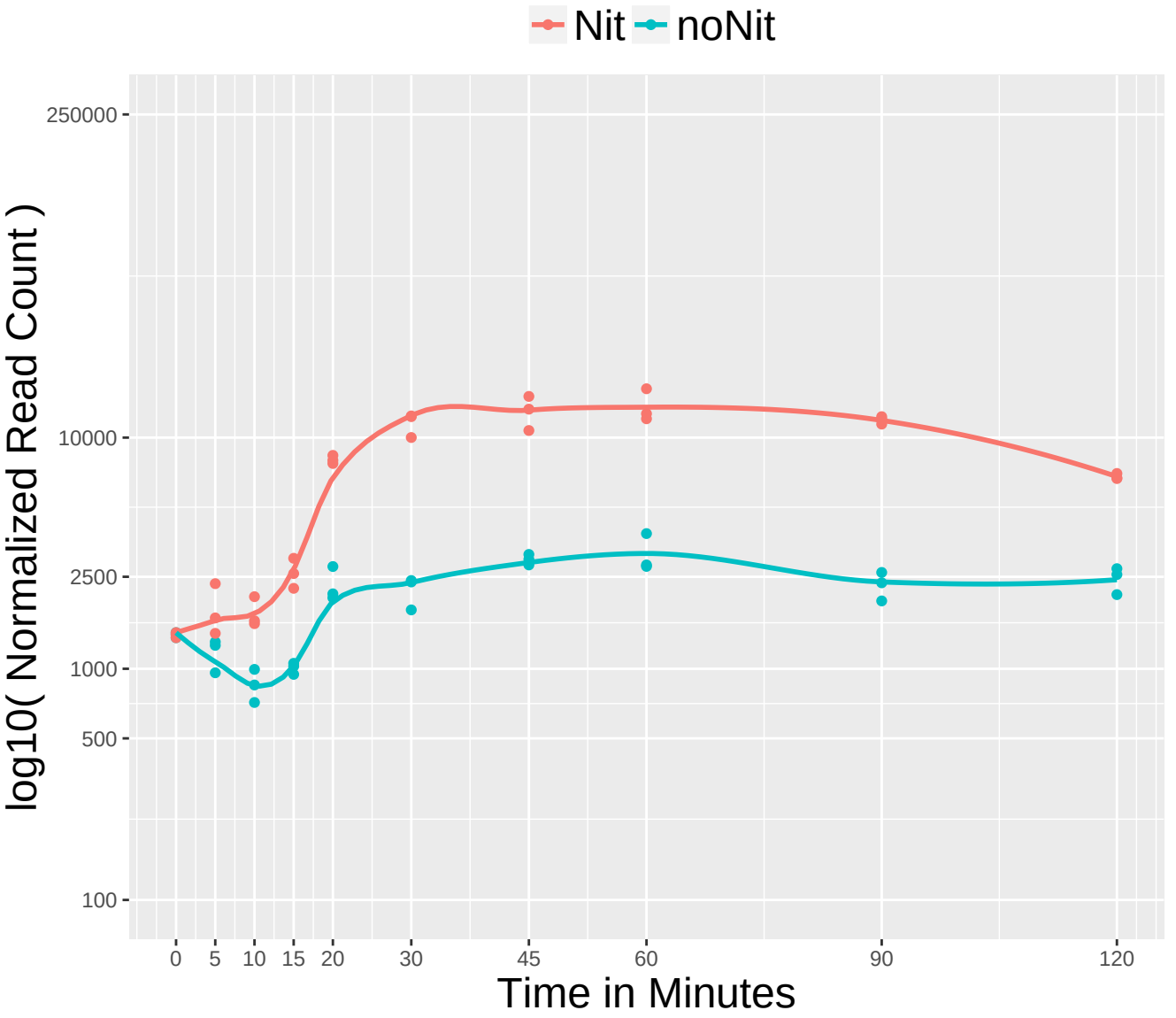
G6PD2,glucose−6−phosphate



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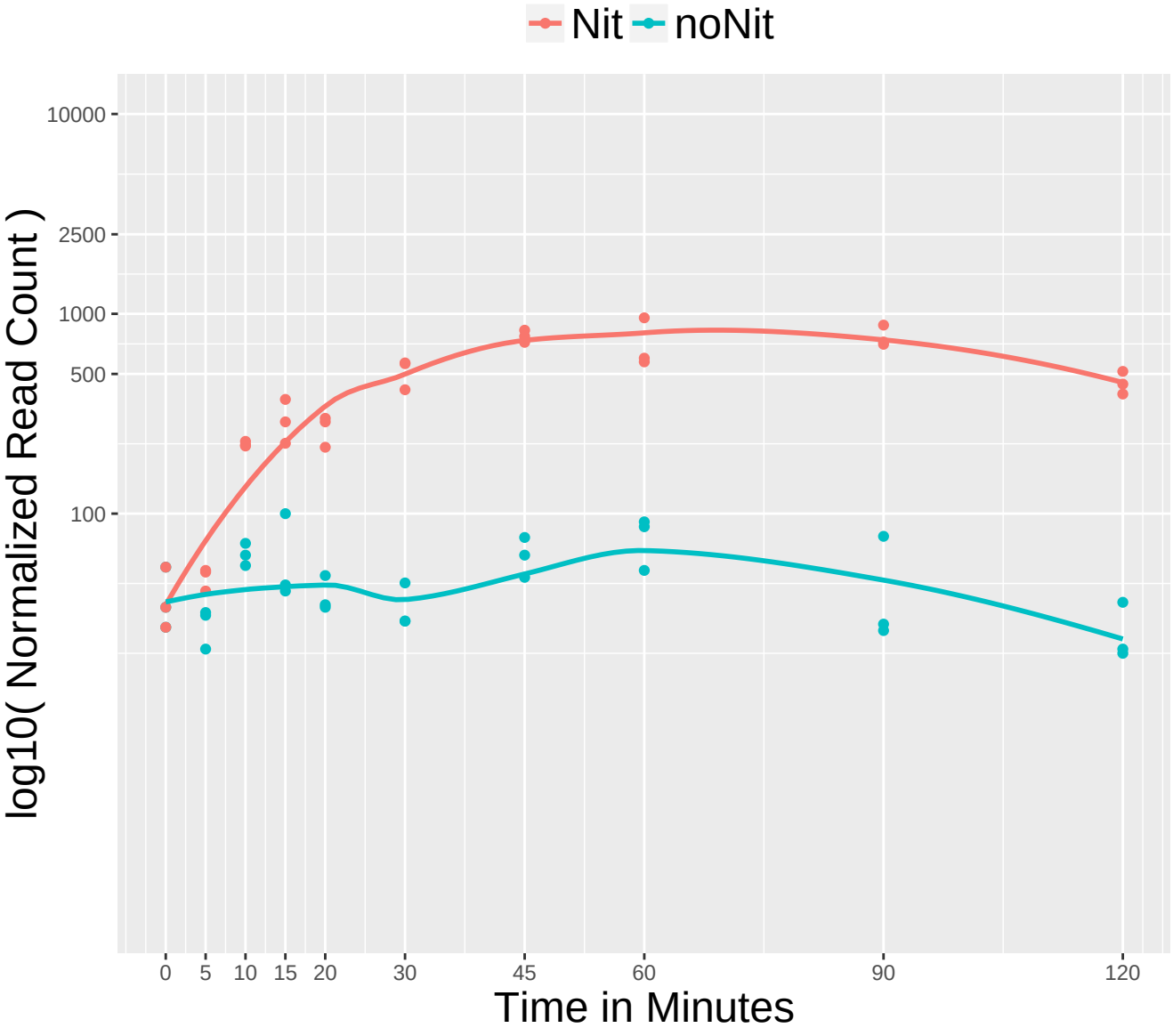
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90
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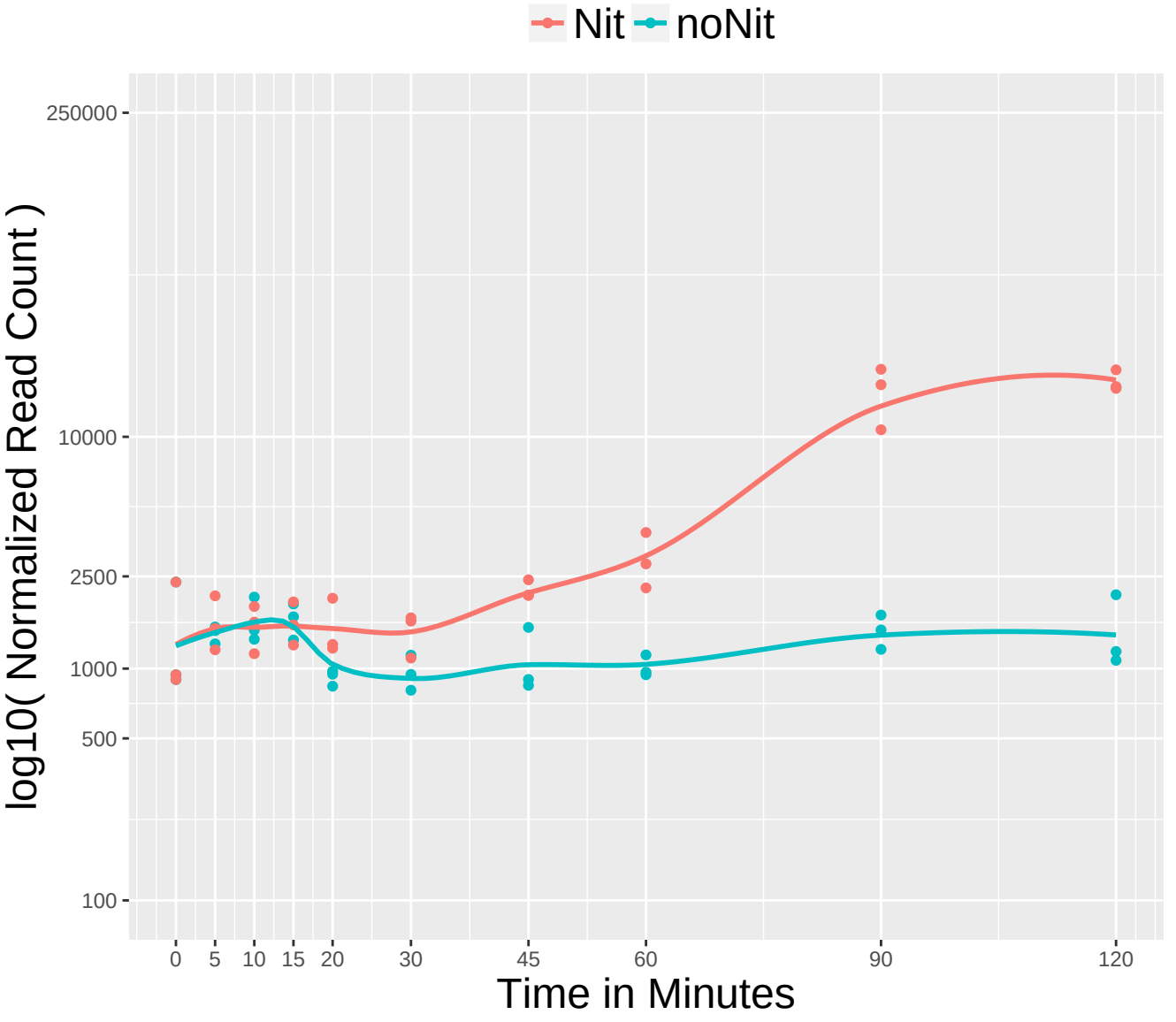
Time in Minutes

AT5G20250

DIN10,DARK



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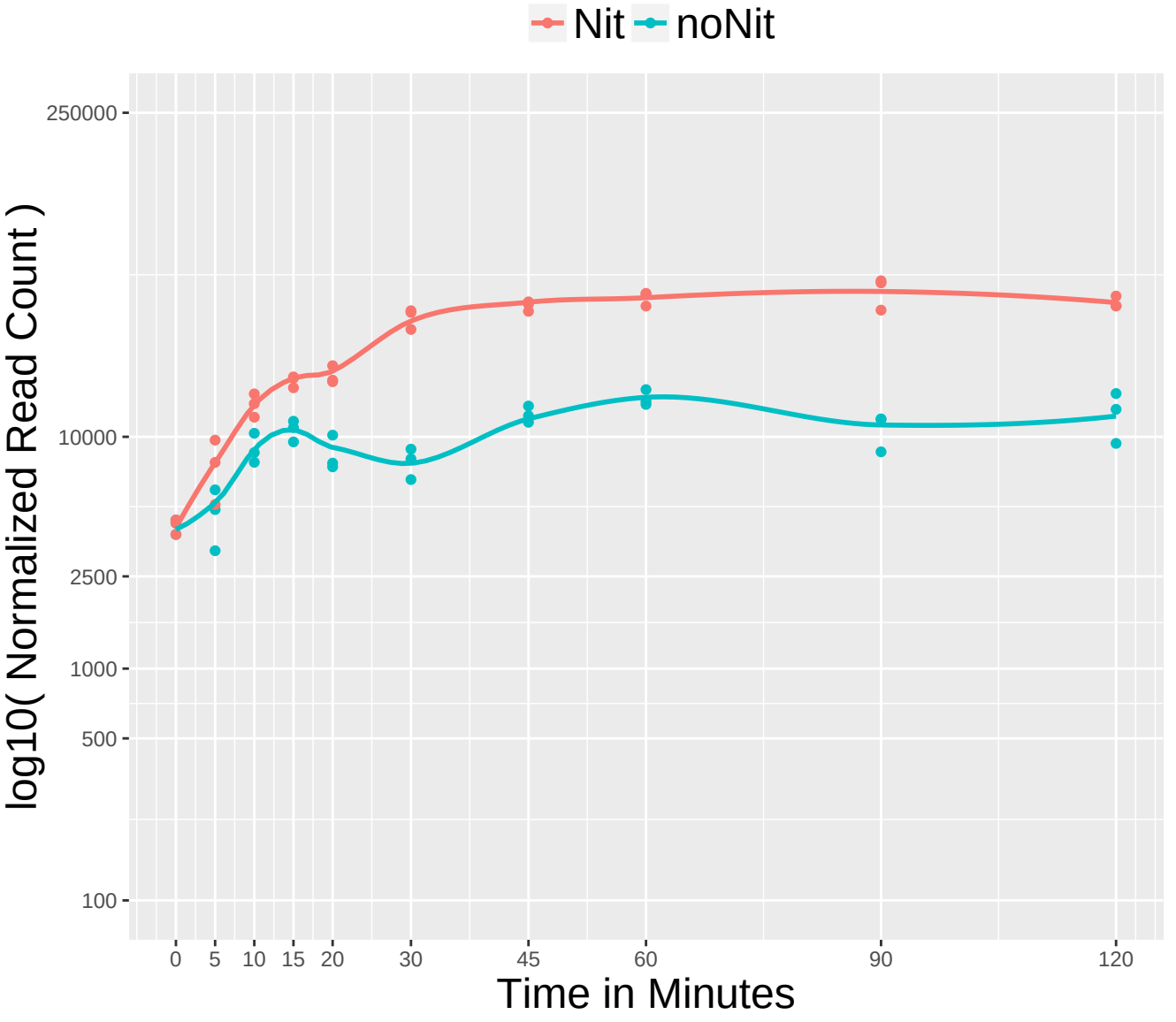
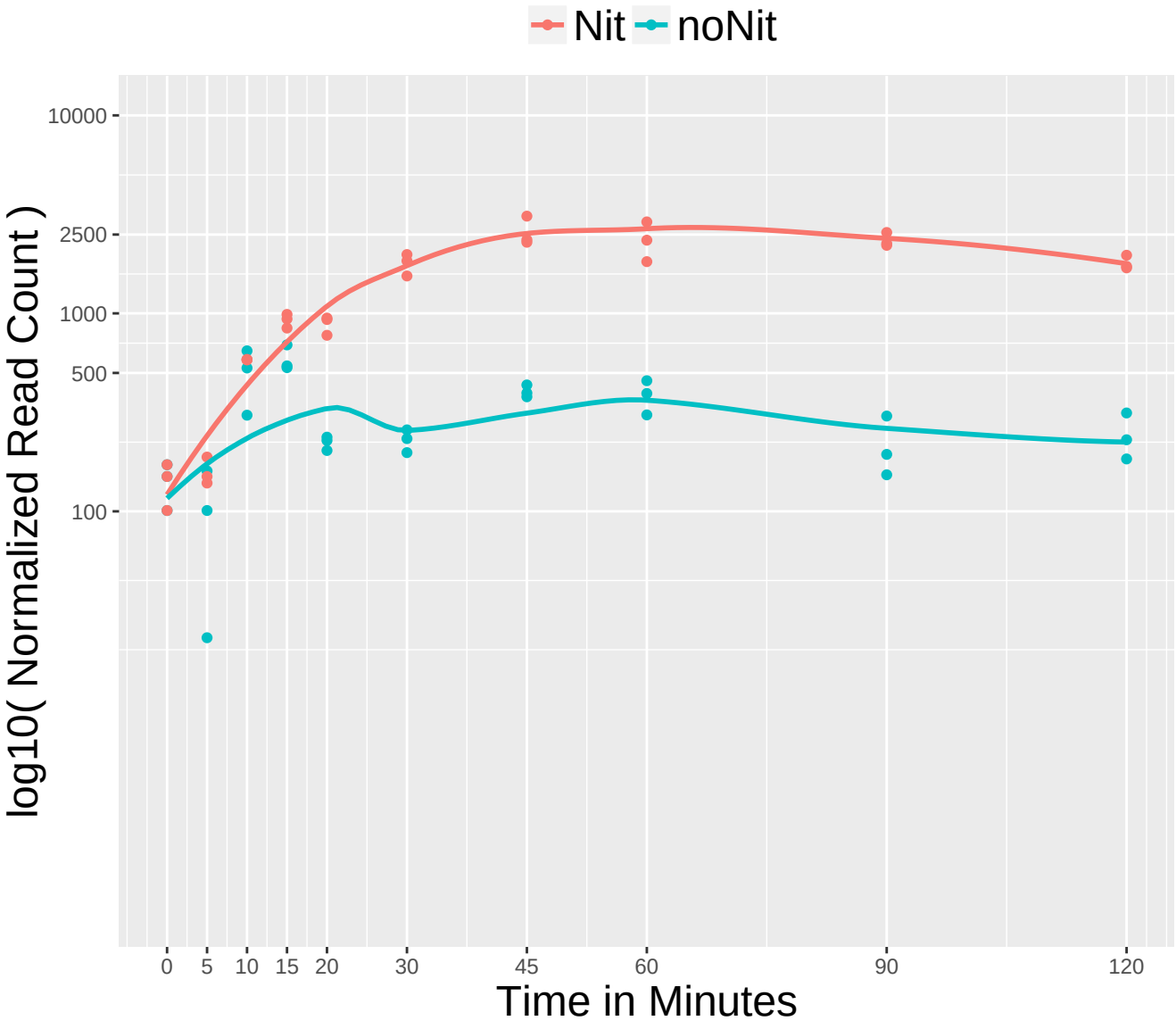


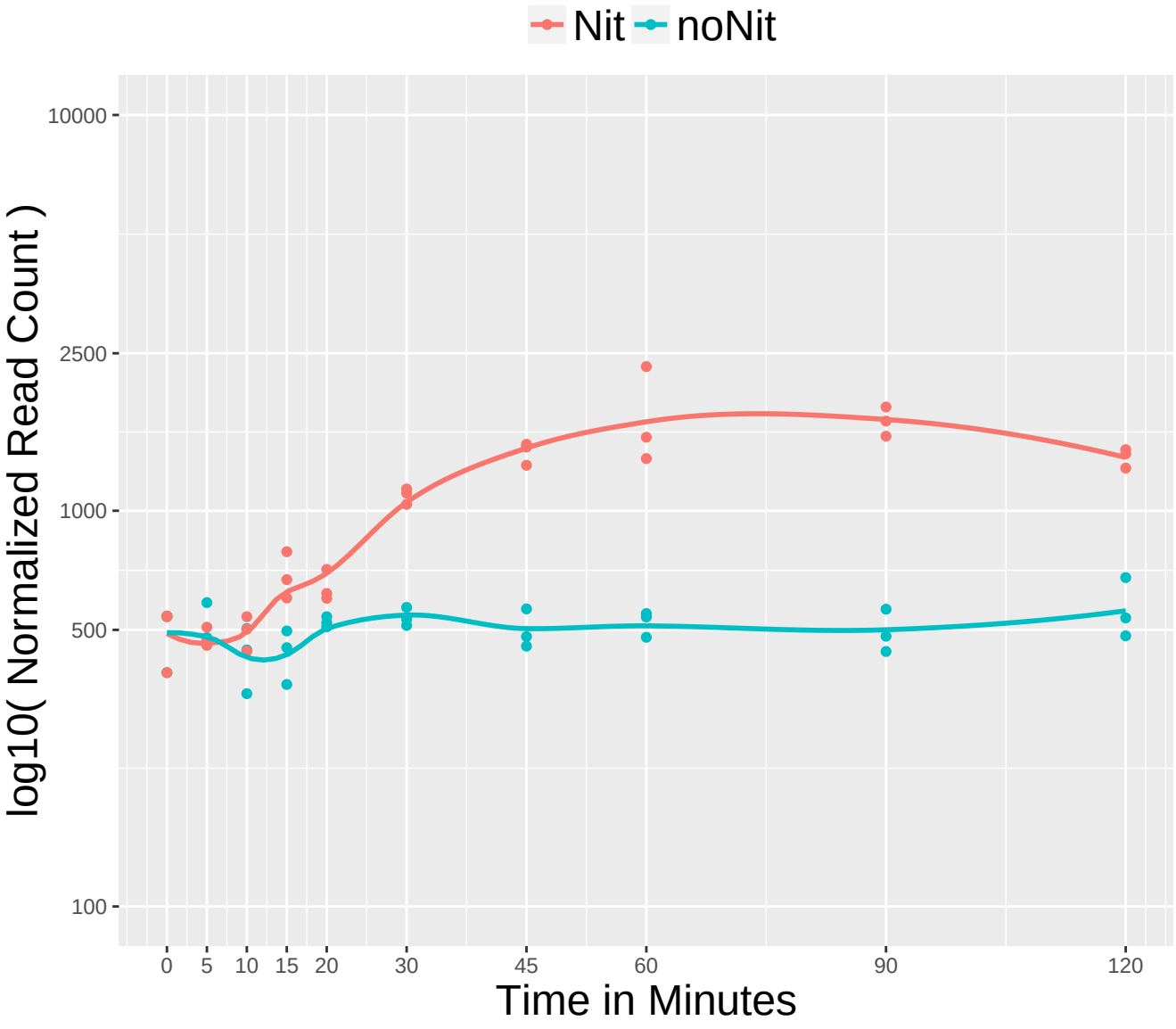
AT5G62720

Integral



AT1G32380

PRS2,phosphoribosyl



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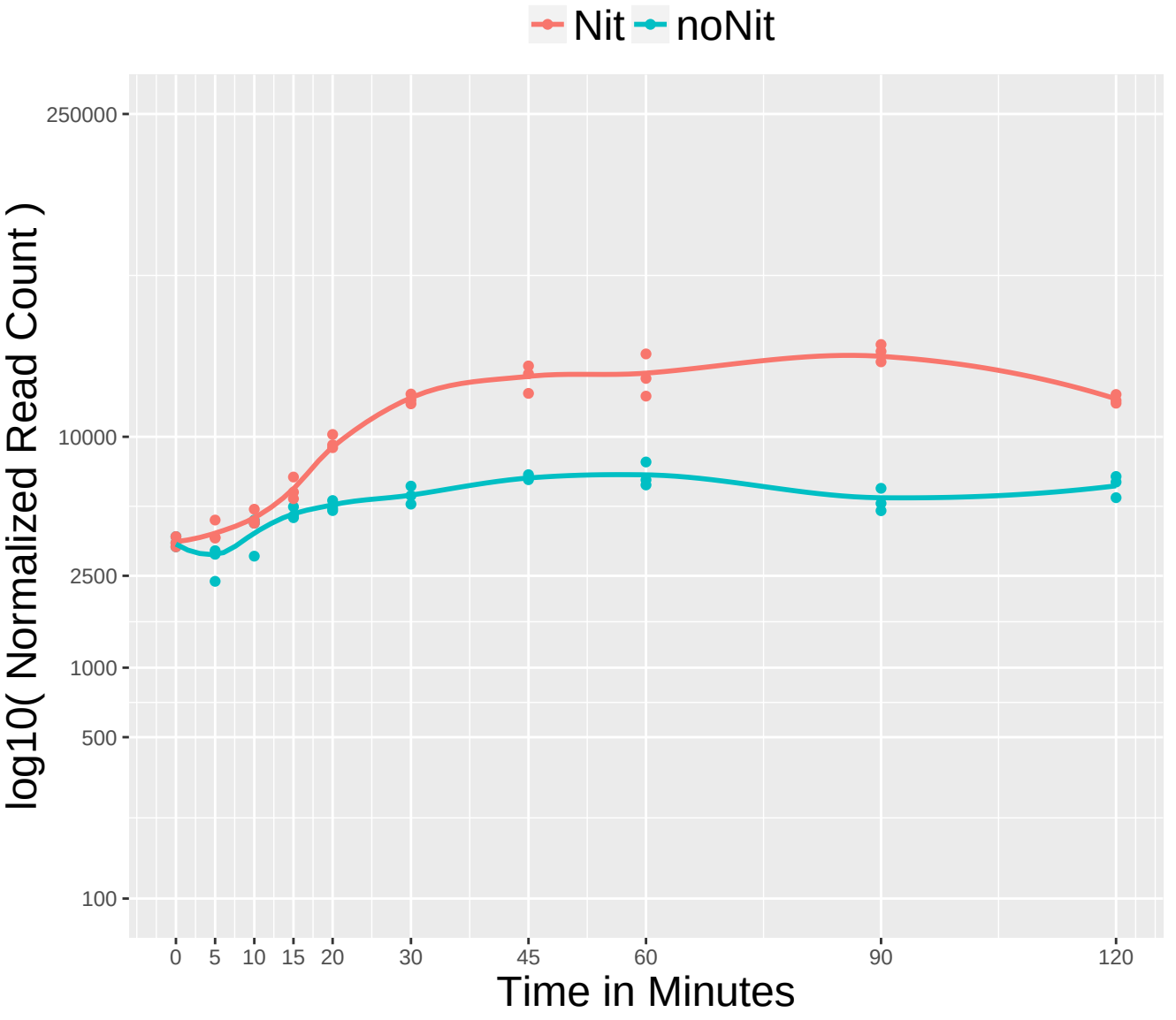
MDAR6,monodehydroascorbate



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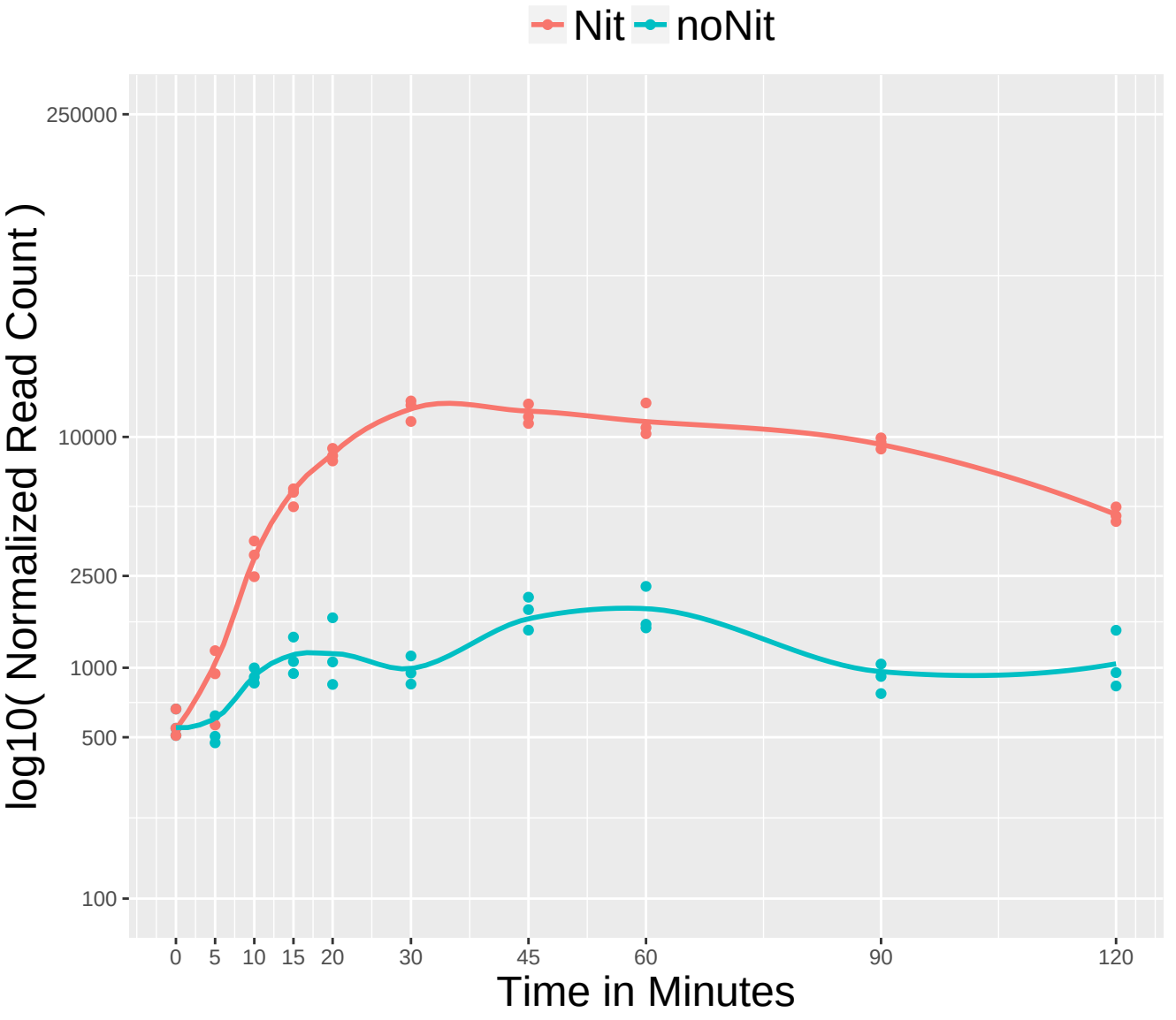
PGM,phosphoglycerate/bisphosphoglycerate



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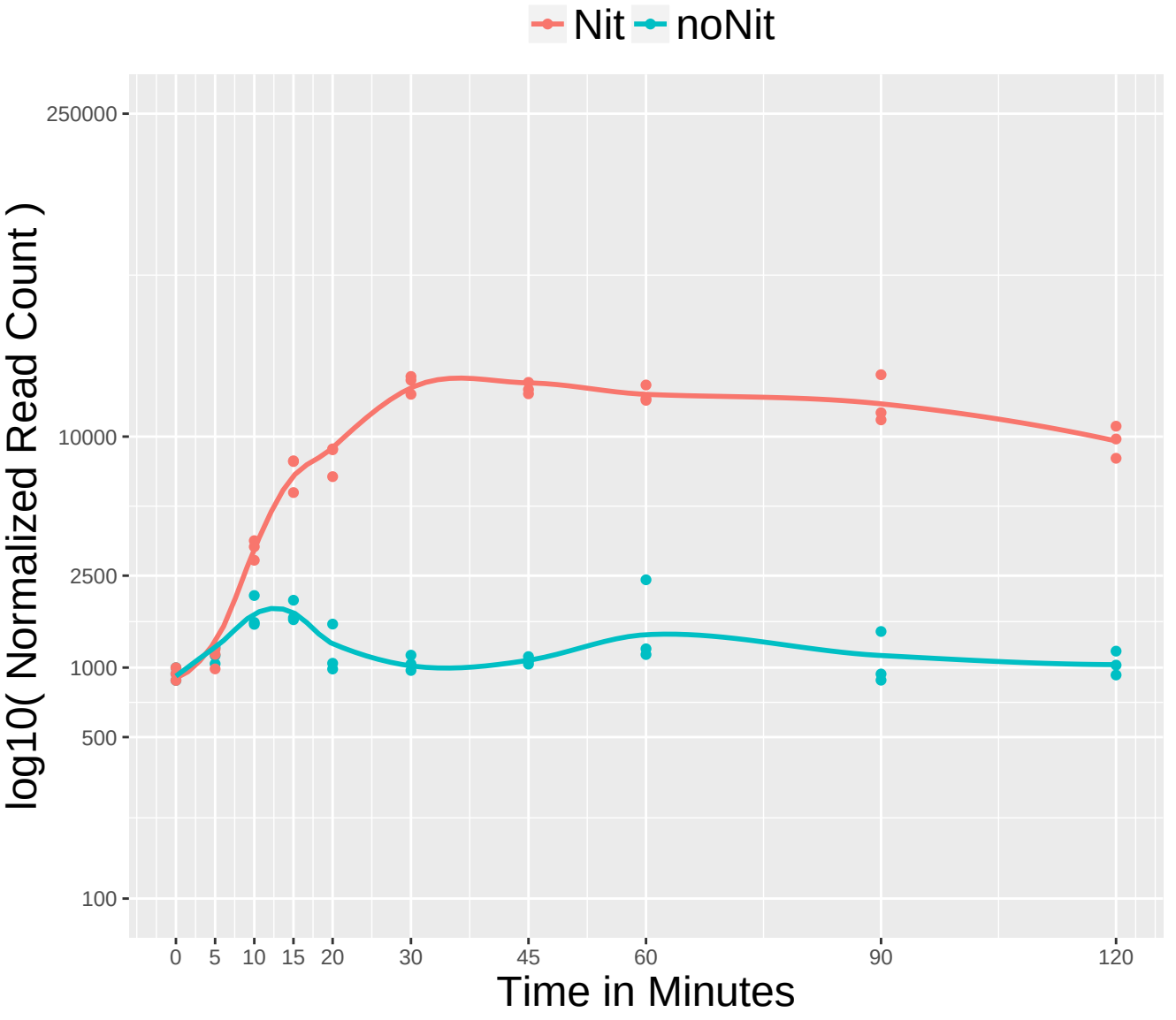
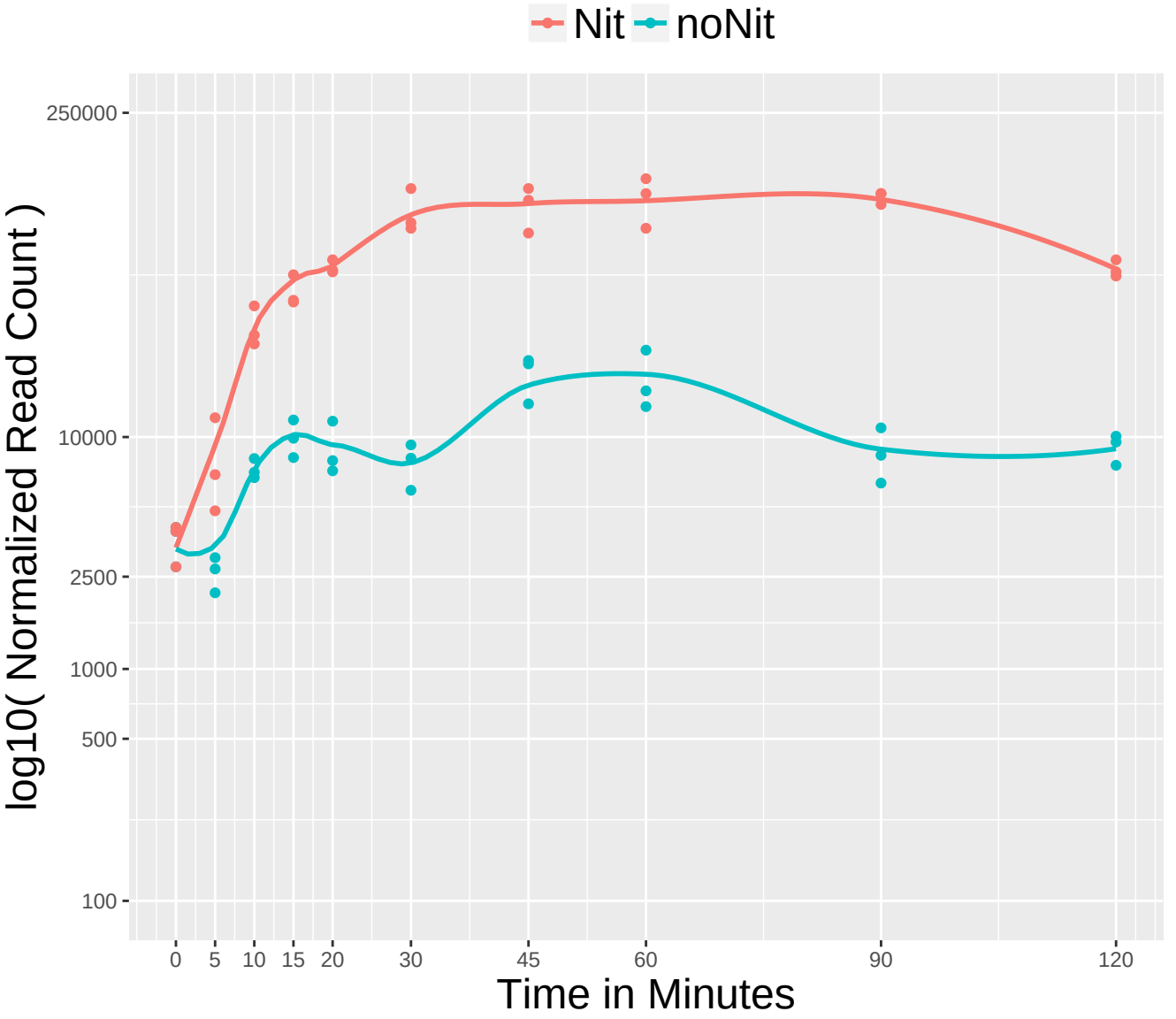
P−loop



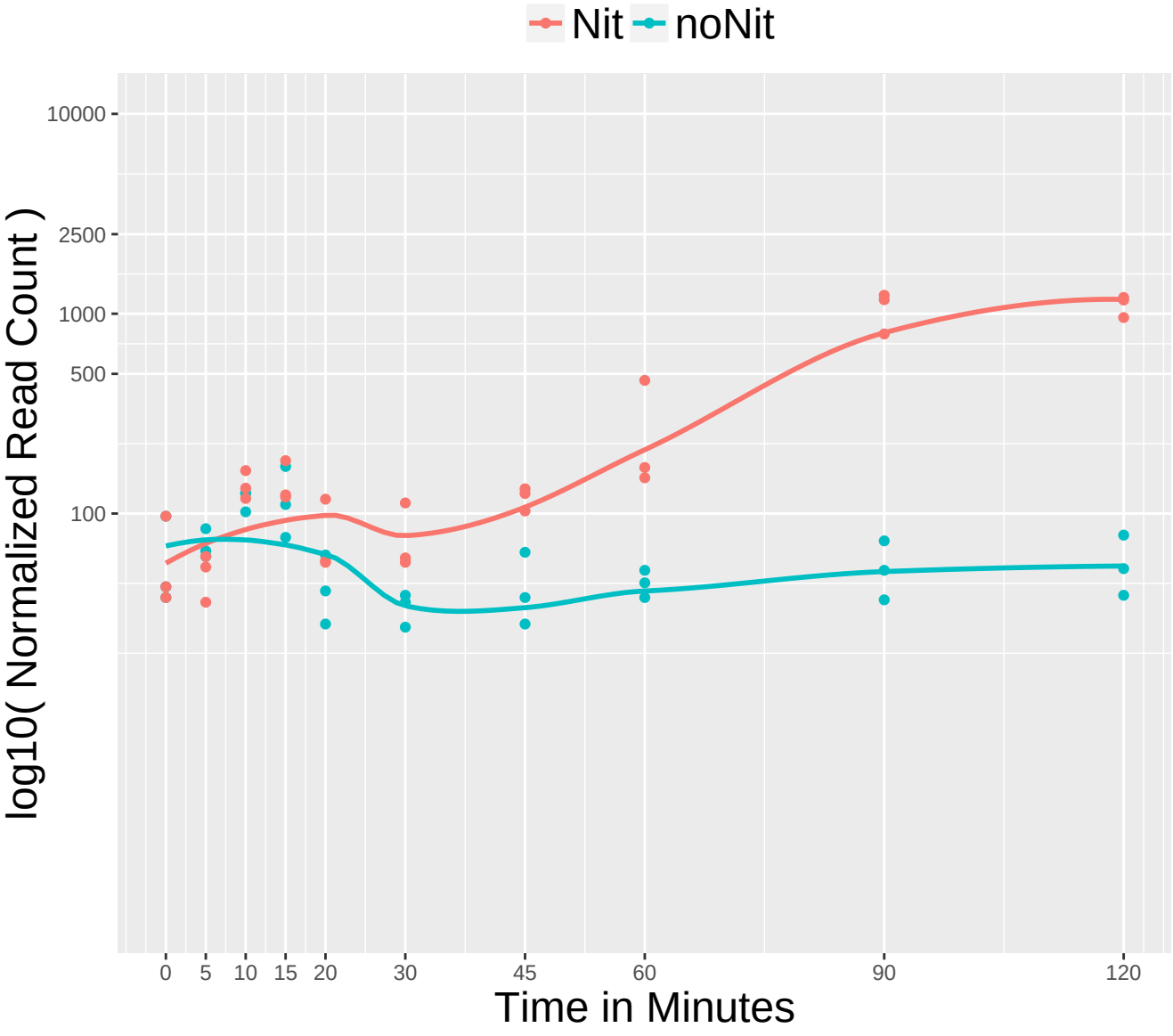
AT2G15620

ATHNIR,ARABIDOPSIS



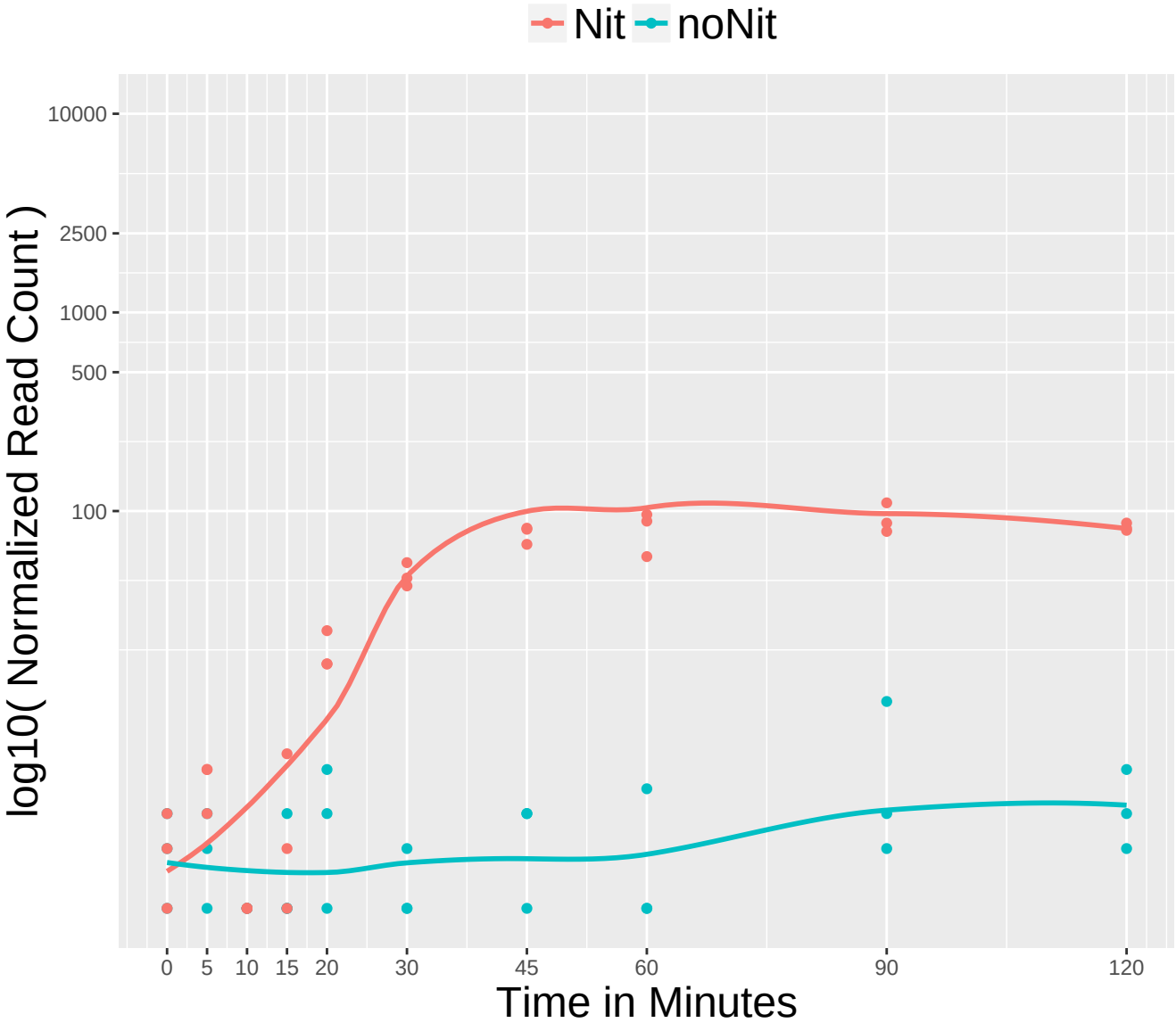
AT2G20670

Protein



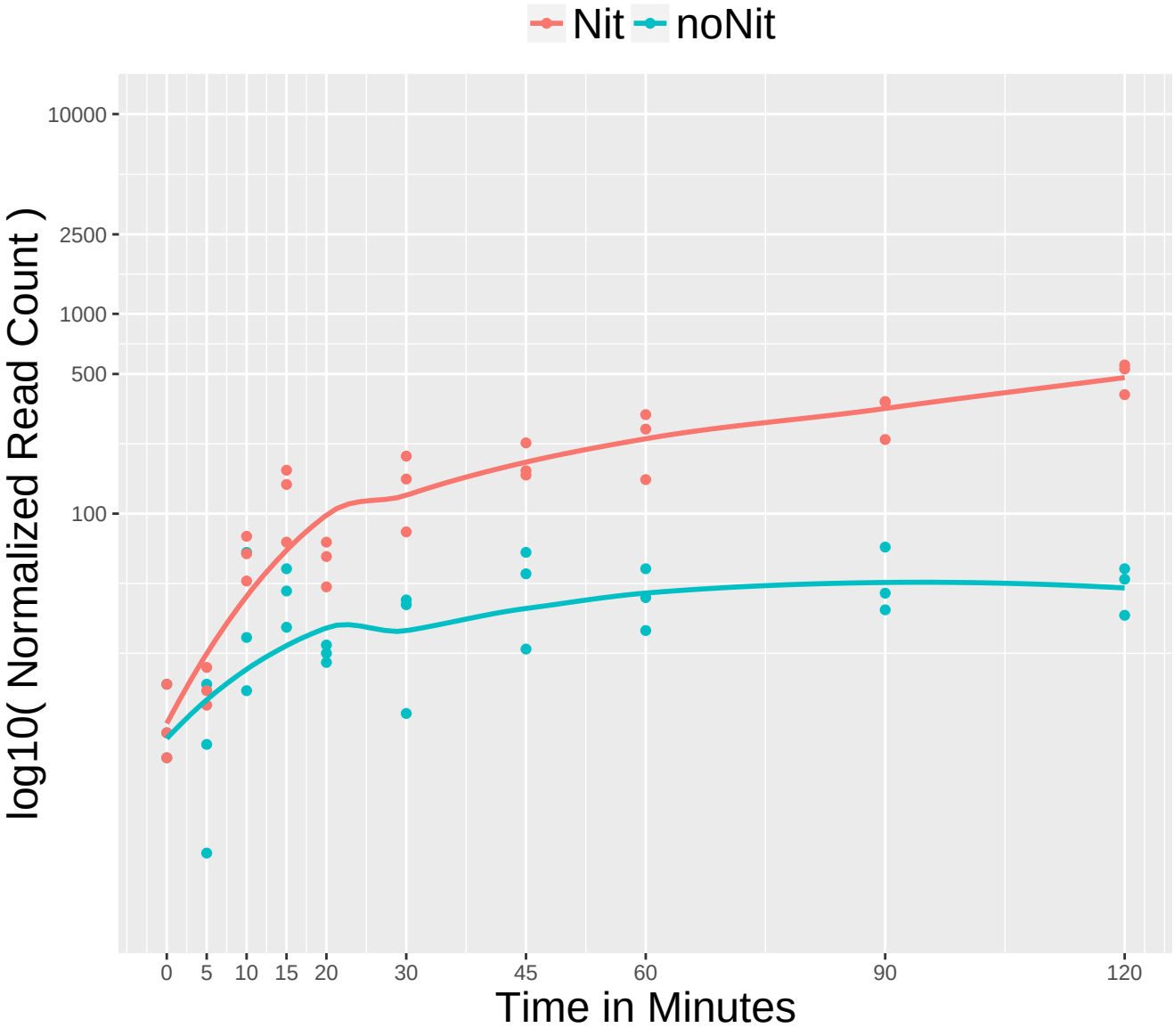
AT2G21210

SAUR6,SMALL



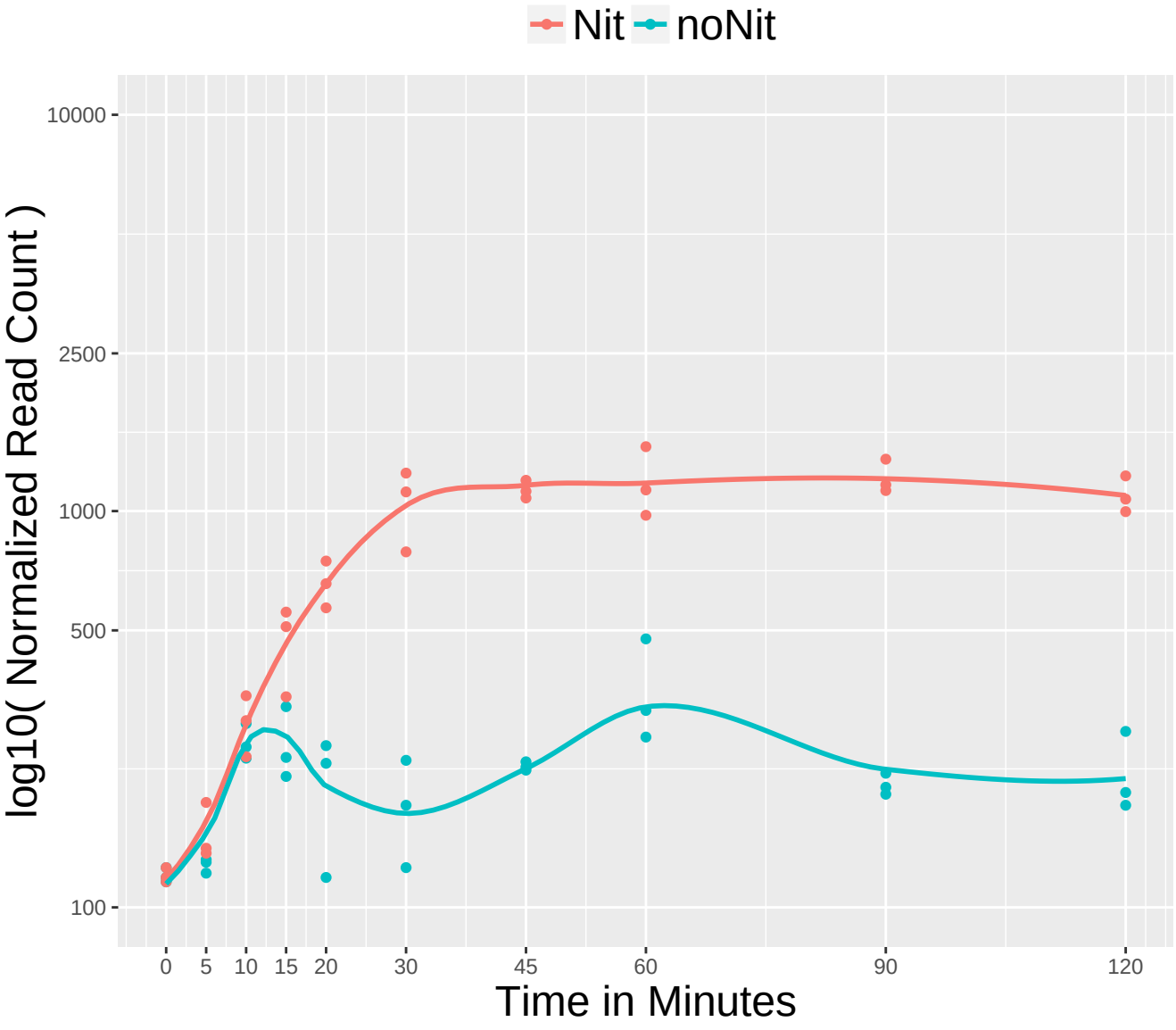
AT2G31081

CLAVATA3/ESR−RELATED



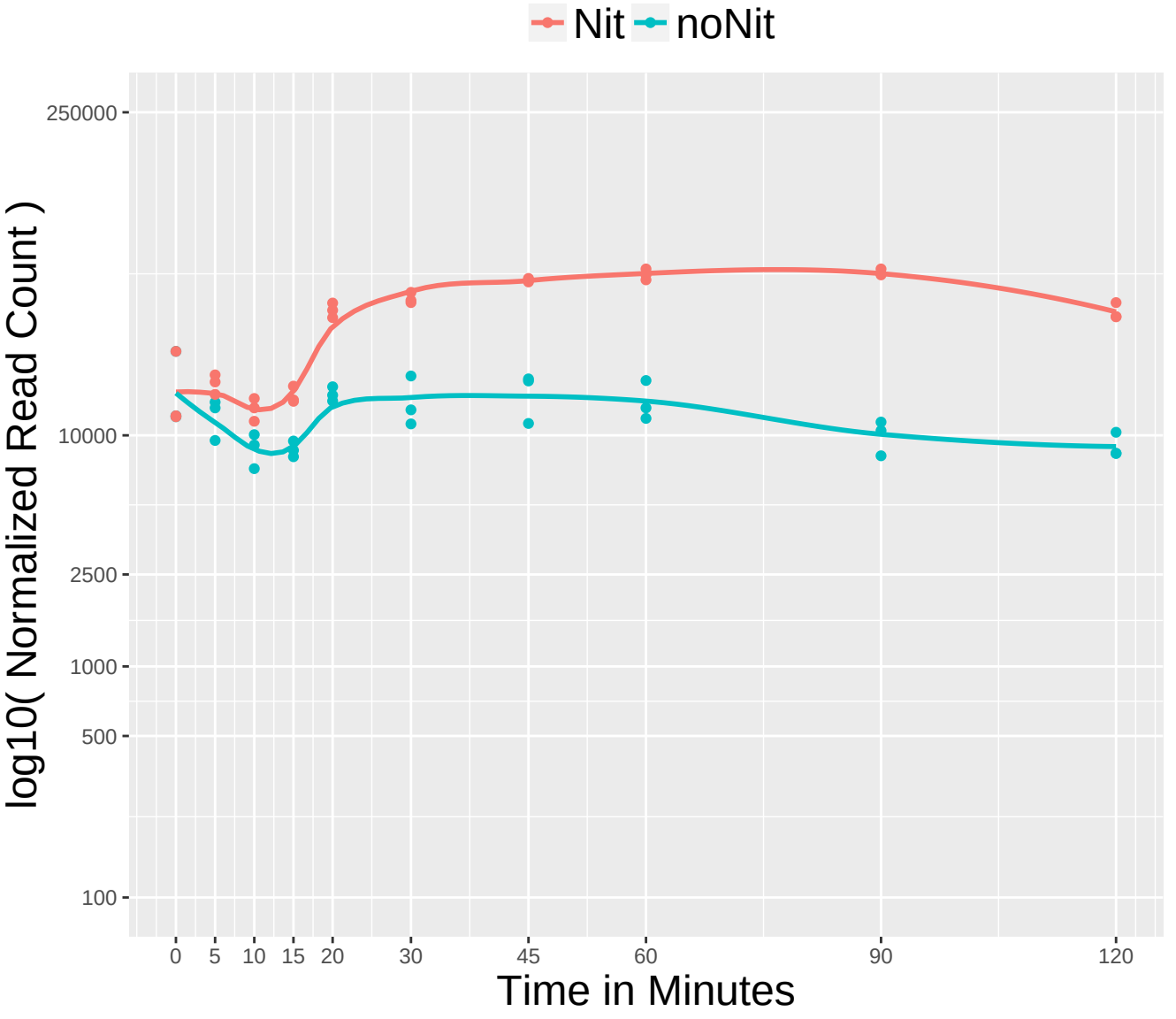
AT2G32960

AtPFA−DSP2,,PFA−DSP2,plant



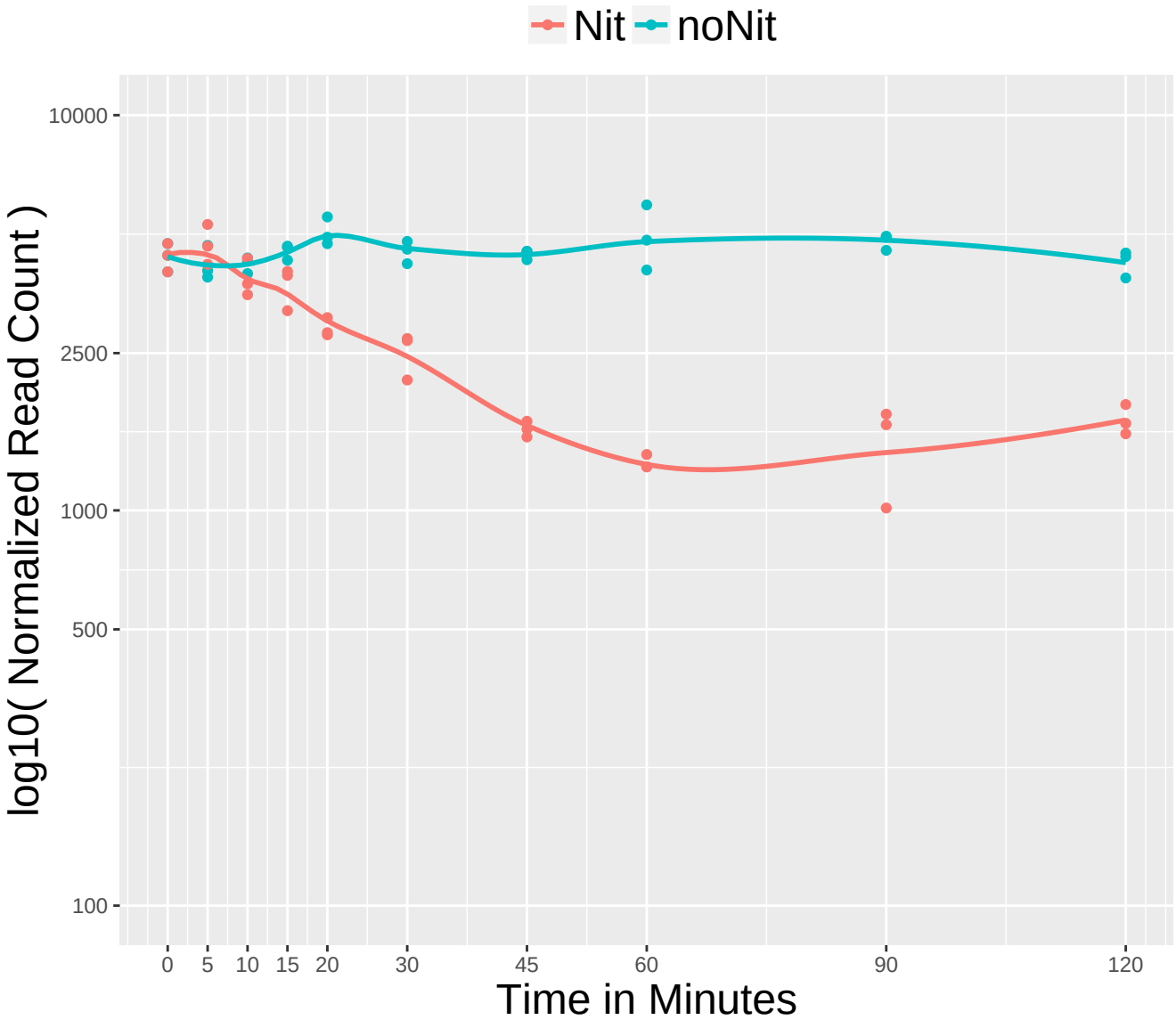
AT2G36580

Pyruvate



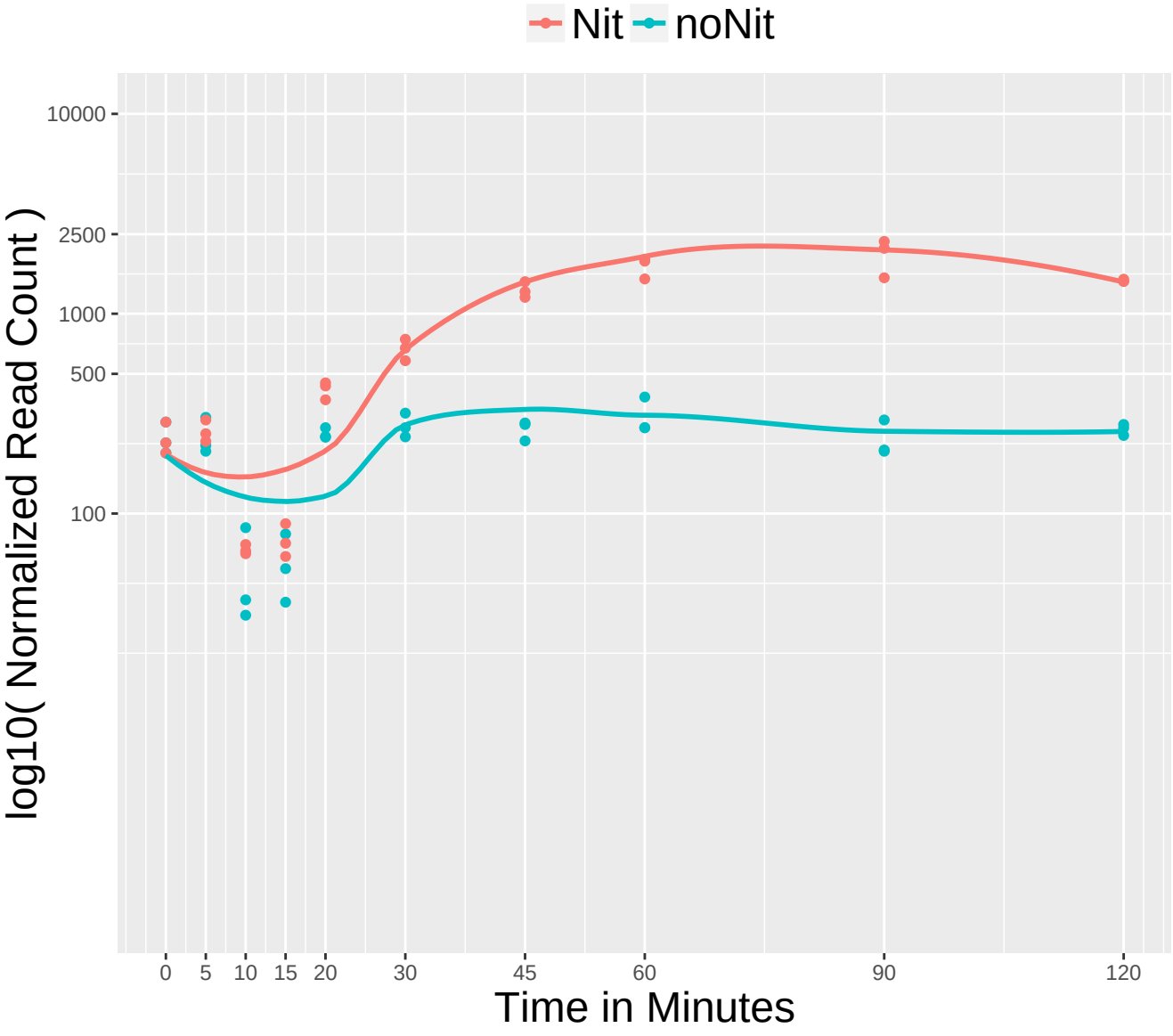
AT2G46600

Calcium−binding



AT3G16560

Protein



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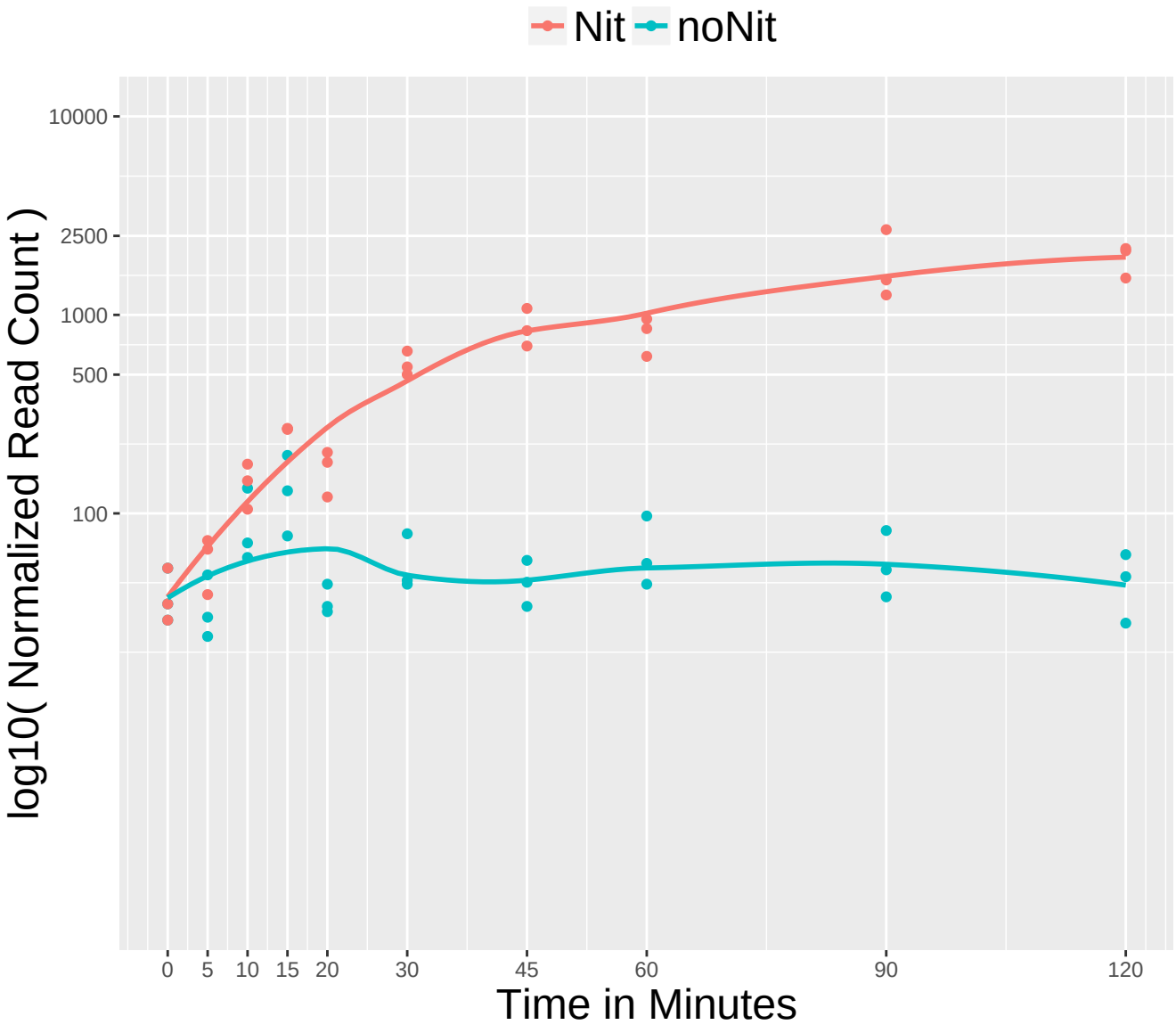
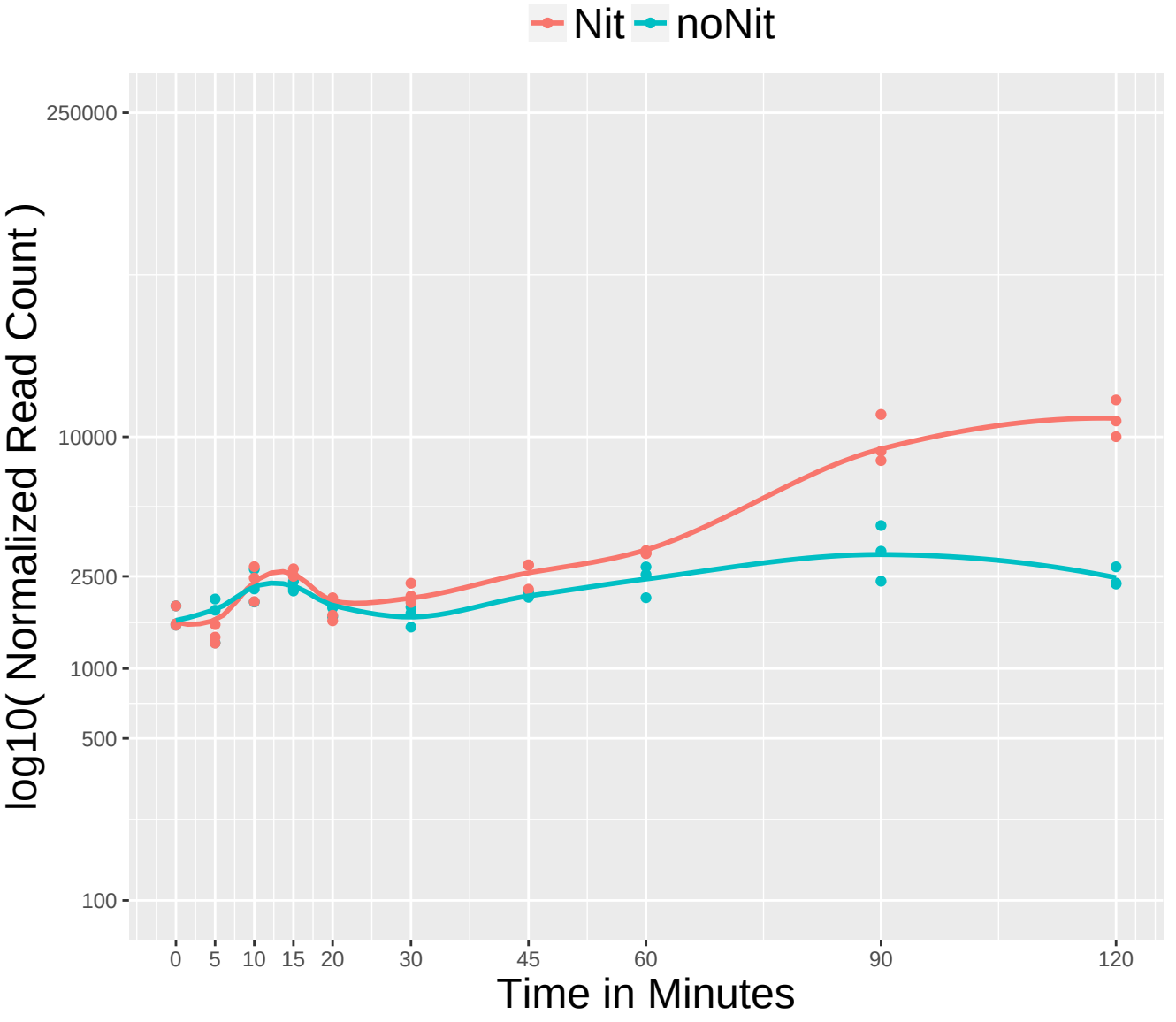


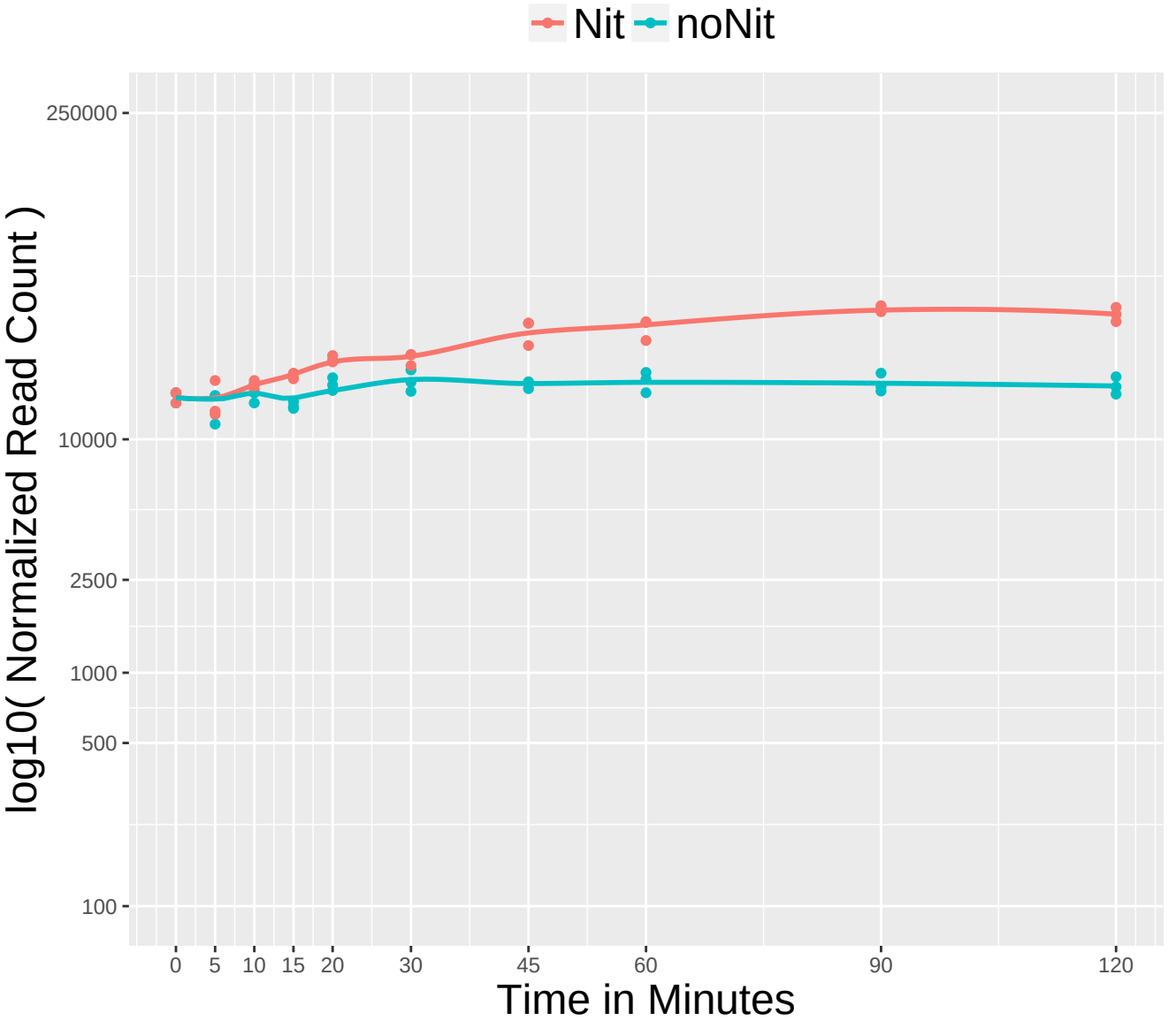
AT3G57520

AtSIP2,seed



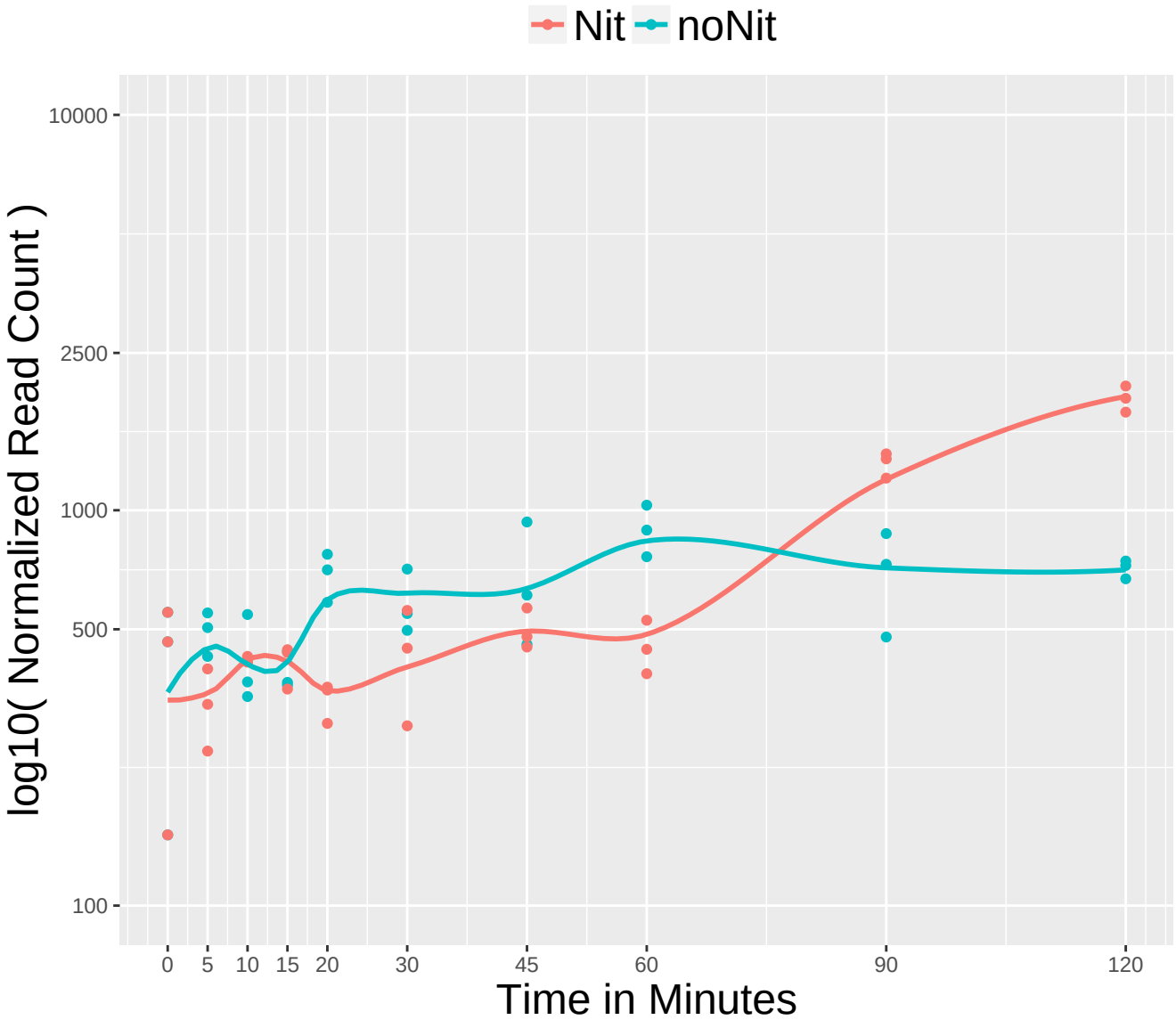
AT3G58610

ketol−acid



AT4G01430

UMAMIT29,Usually



AT4G04830

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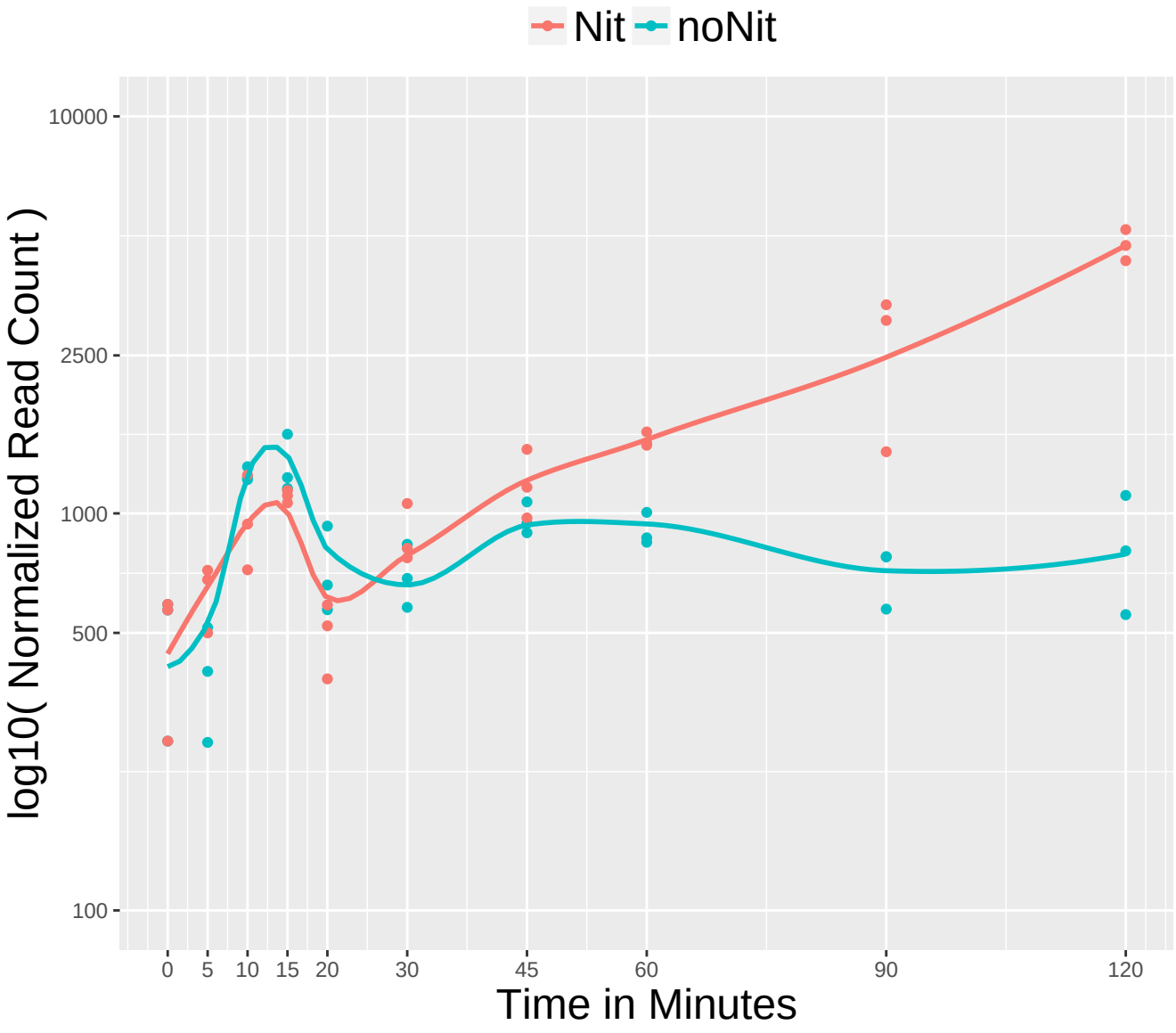

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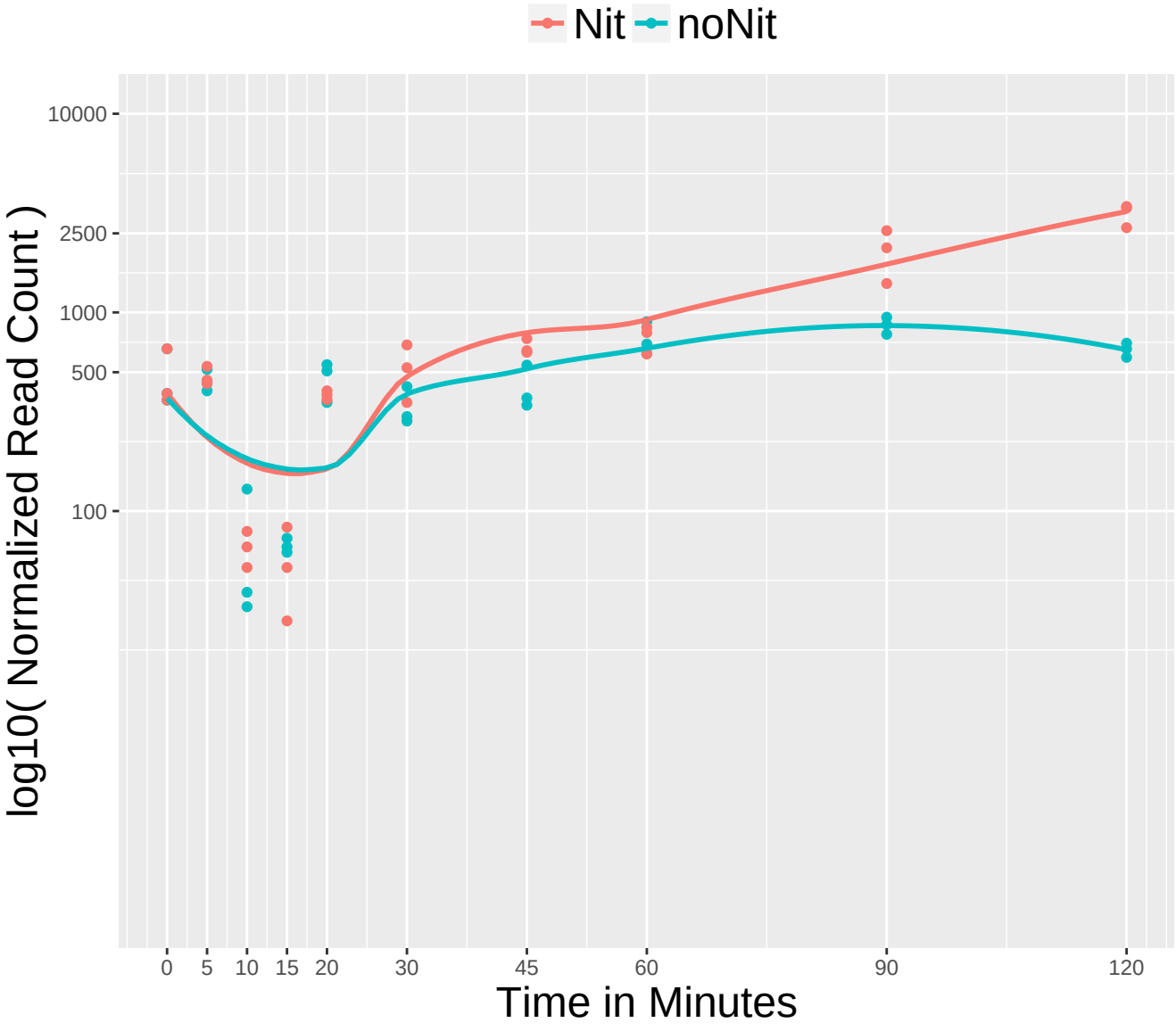

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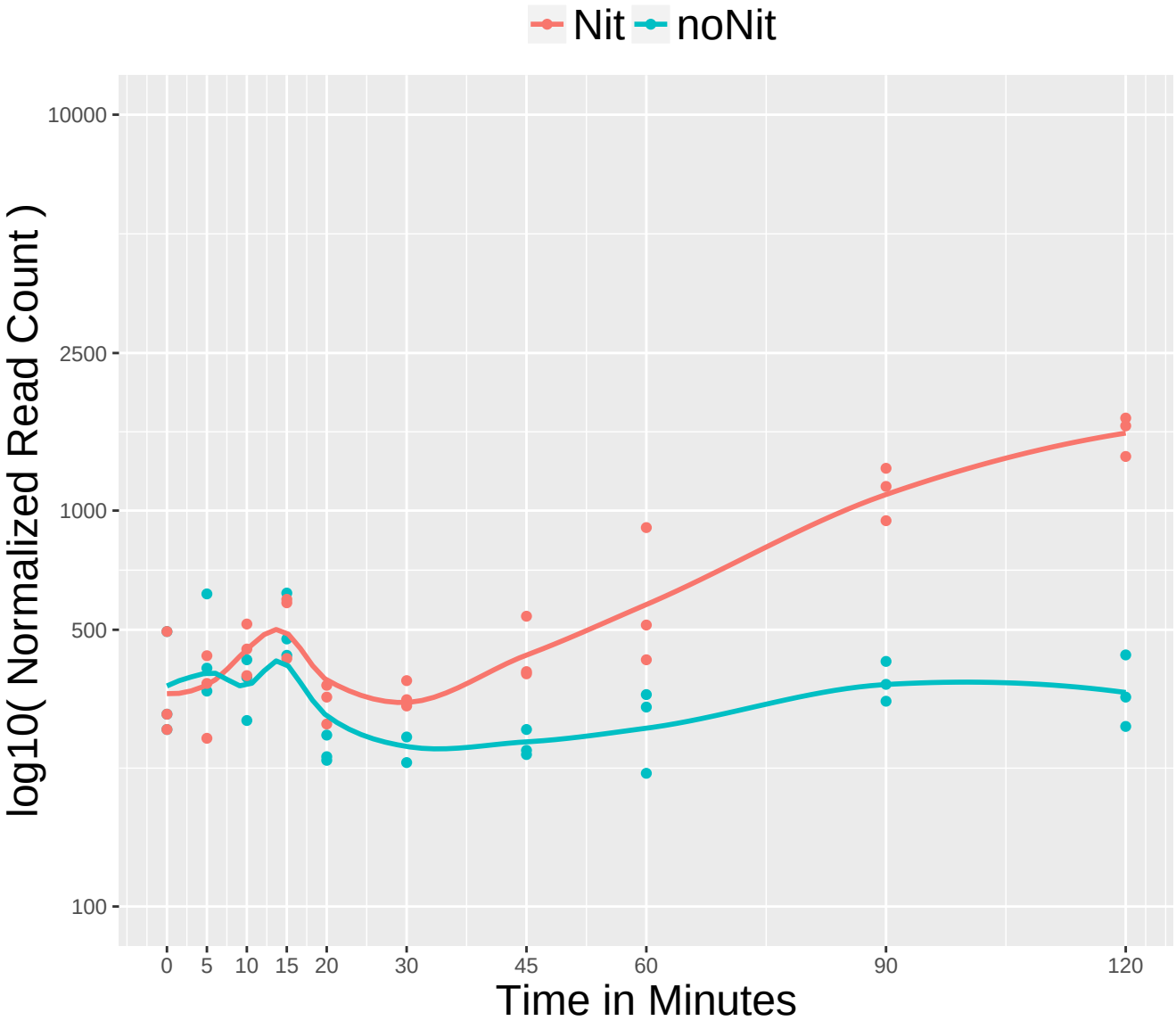
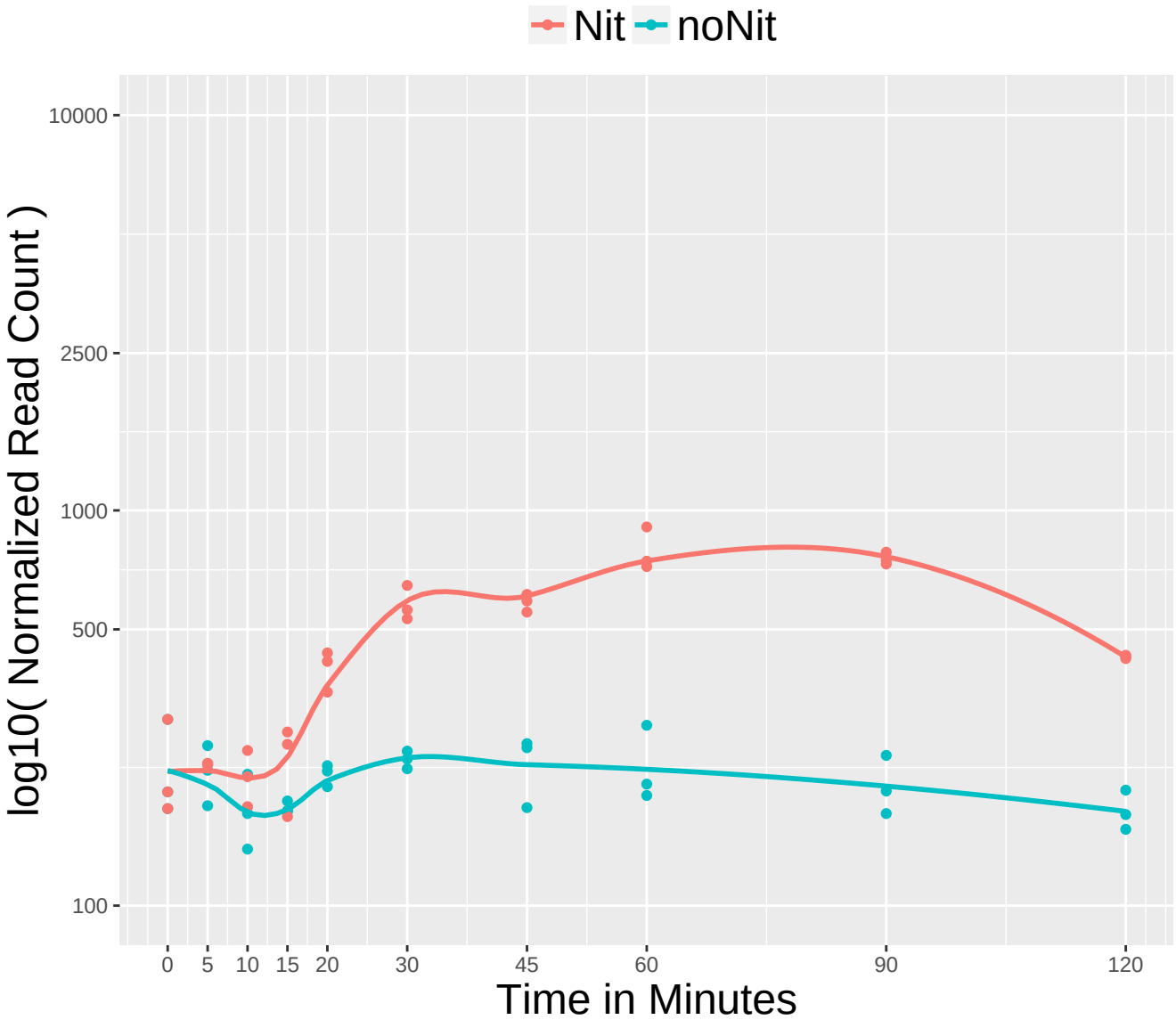


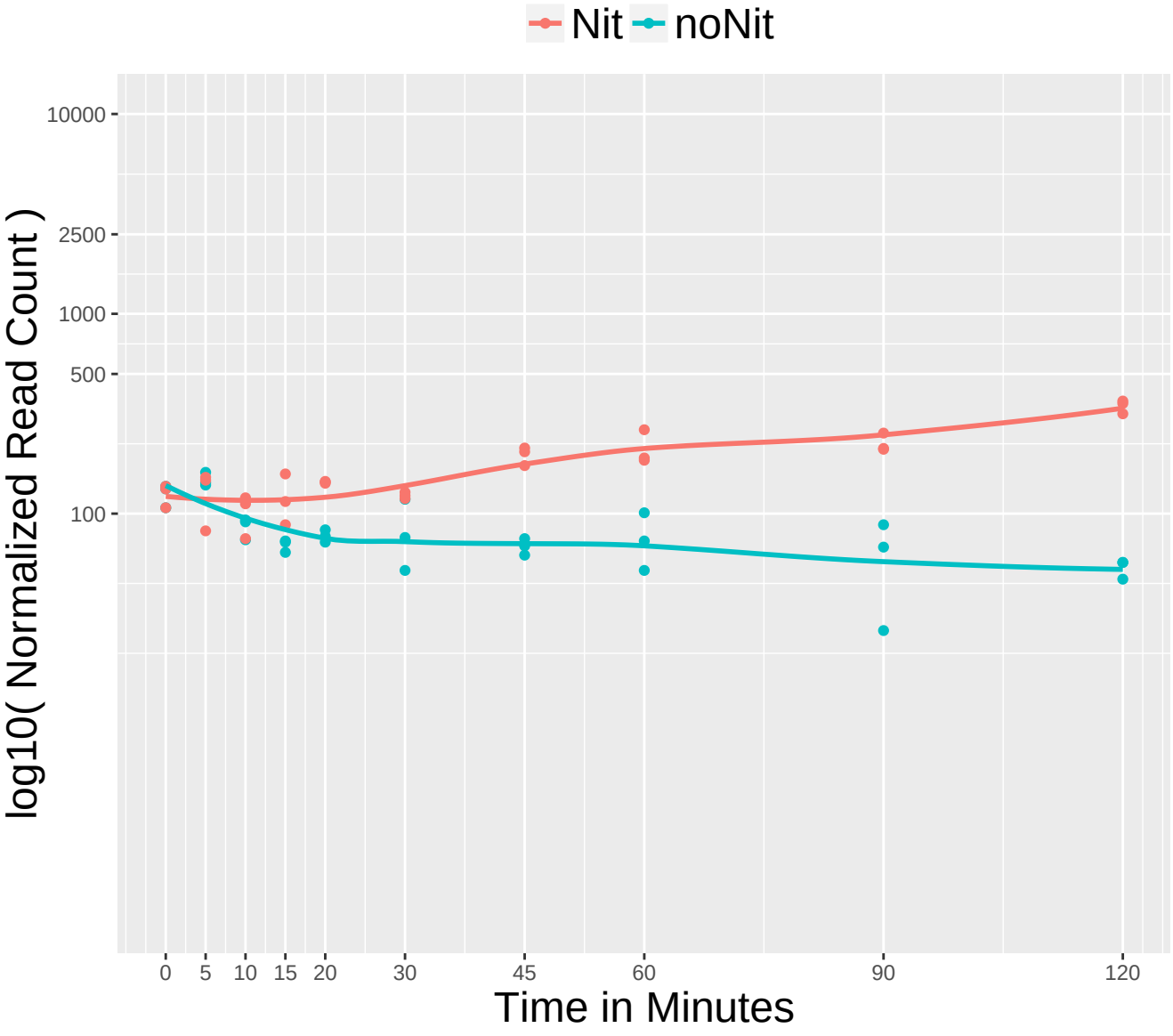
AT5G62430

CDF1,cycling



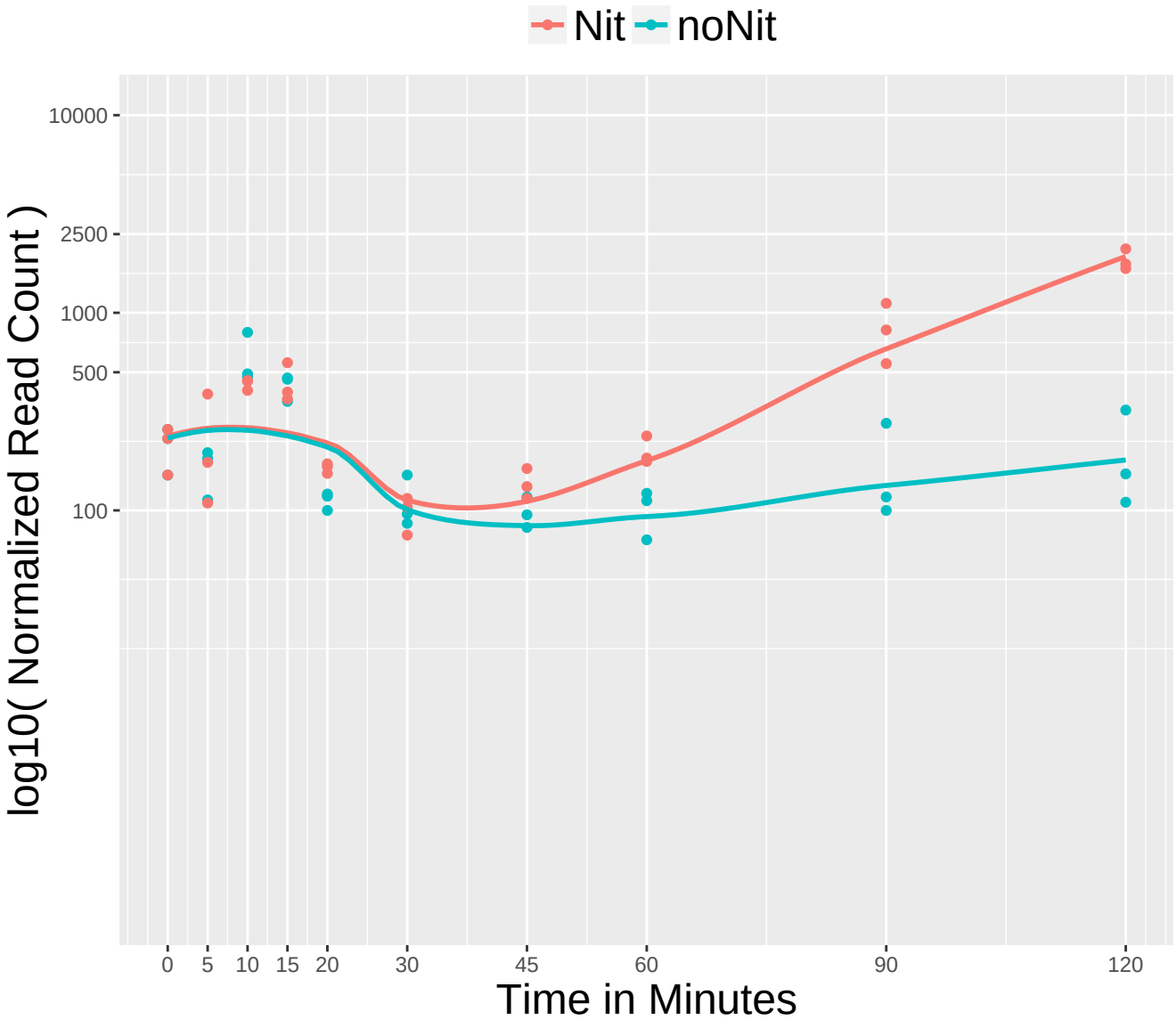
AT1G66760

MATE



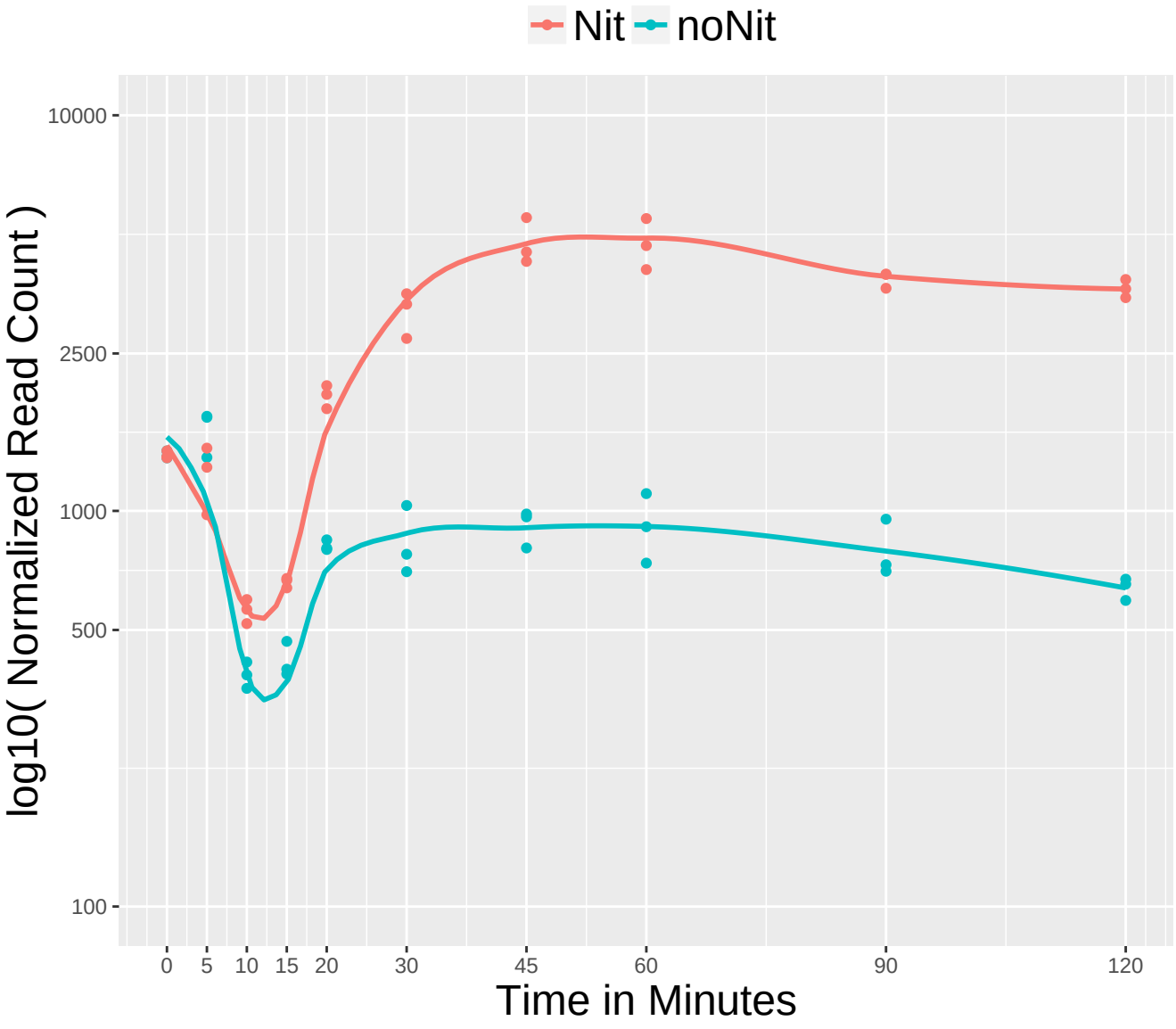
AT2G24762

AtGDU4,glutamine



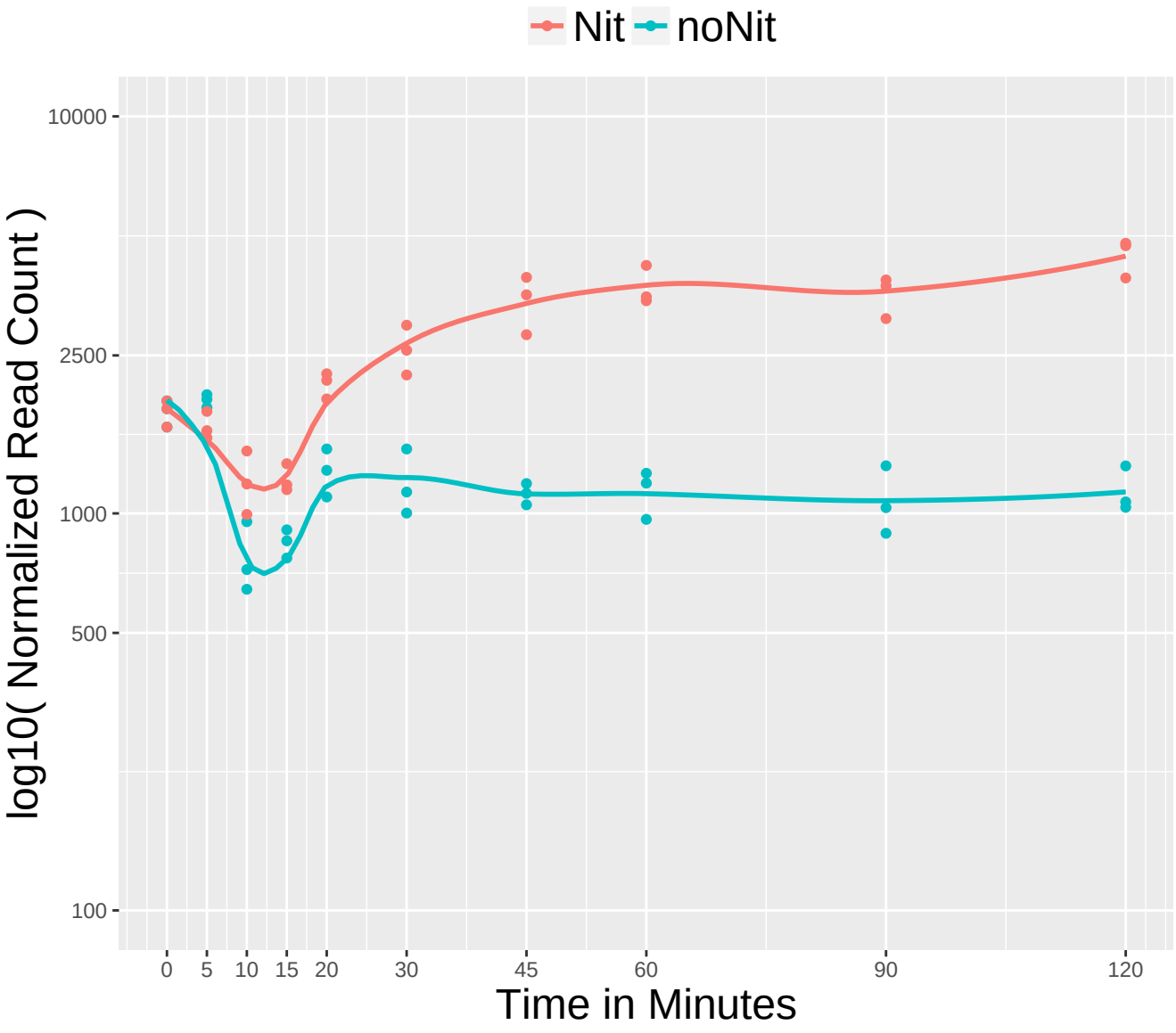
AT2G26980

CIPK3,CBL−interacting



AT2G41310

ARR8,RESPONSE



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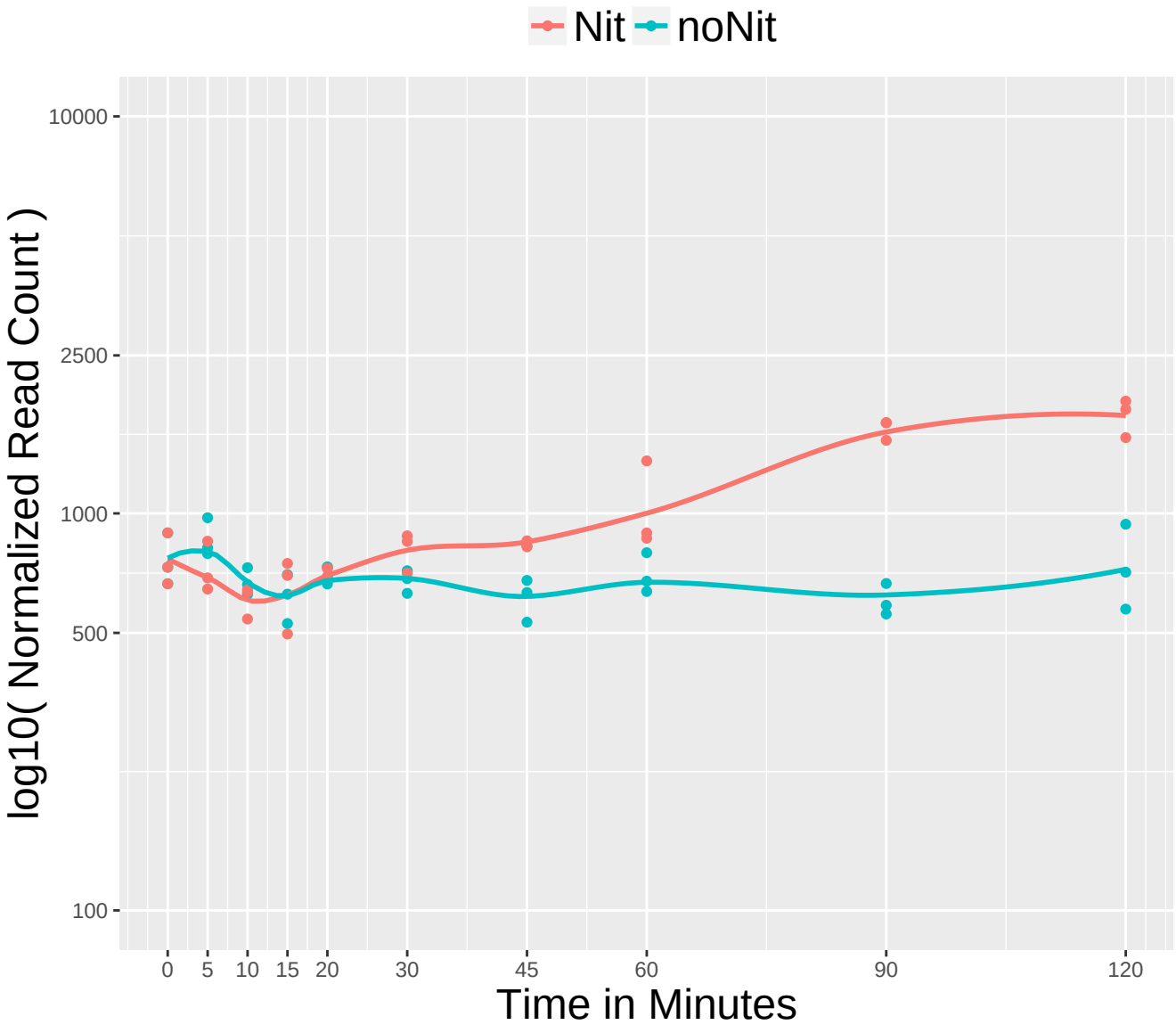
FBH4,FLOWERING



AT3G47980

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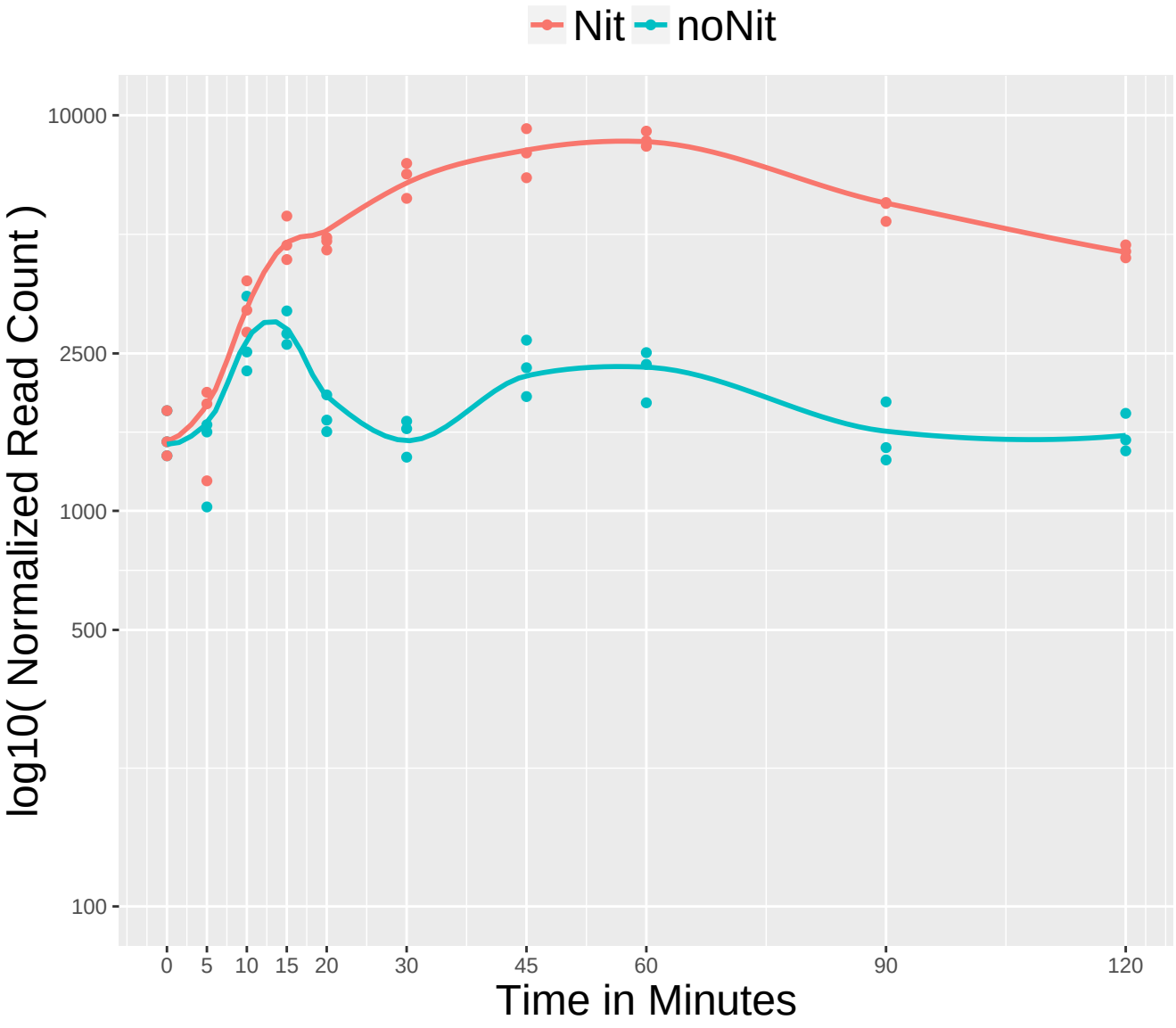

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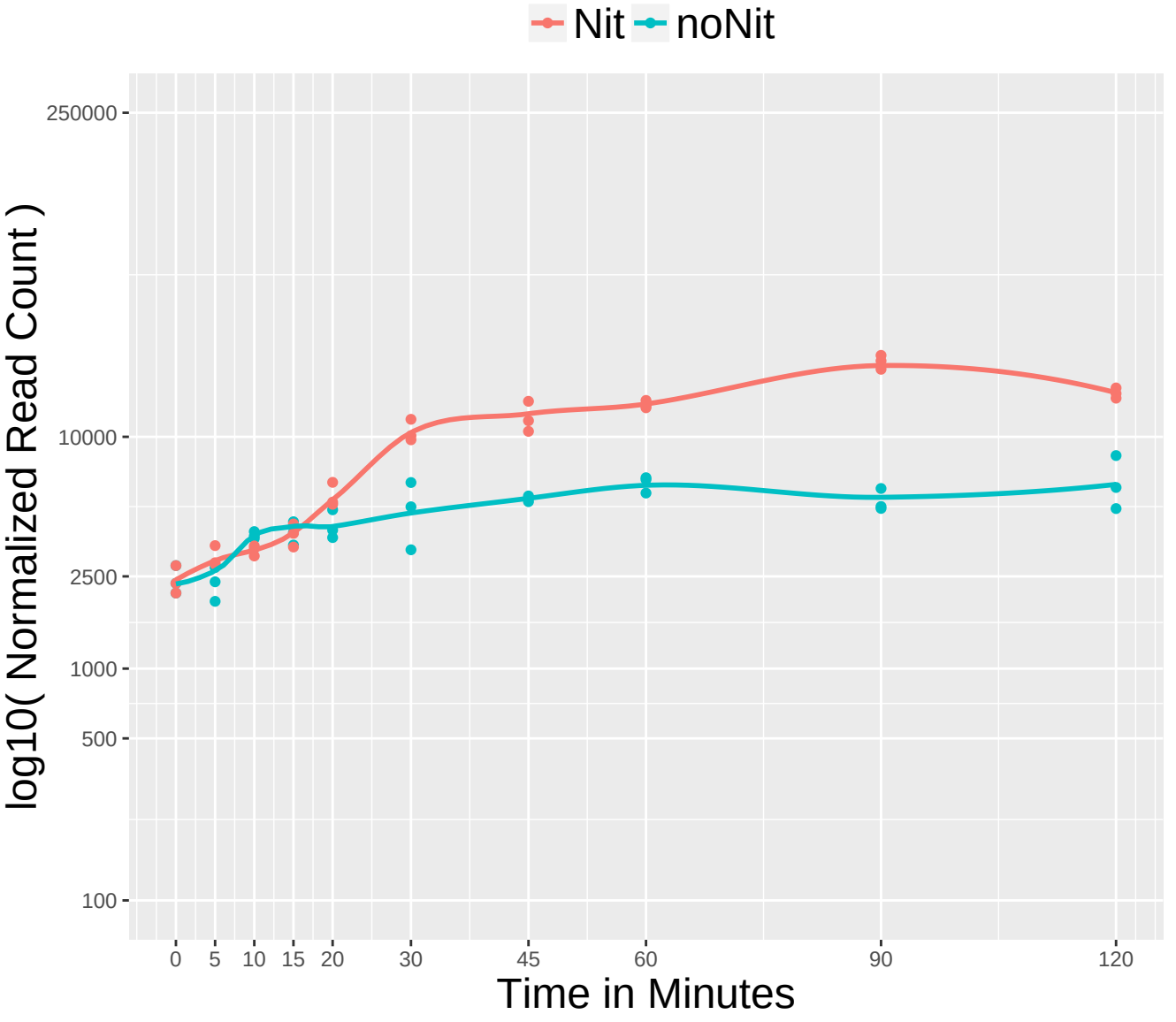
AAE3,ACYL−ACTIVATING



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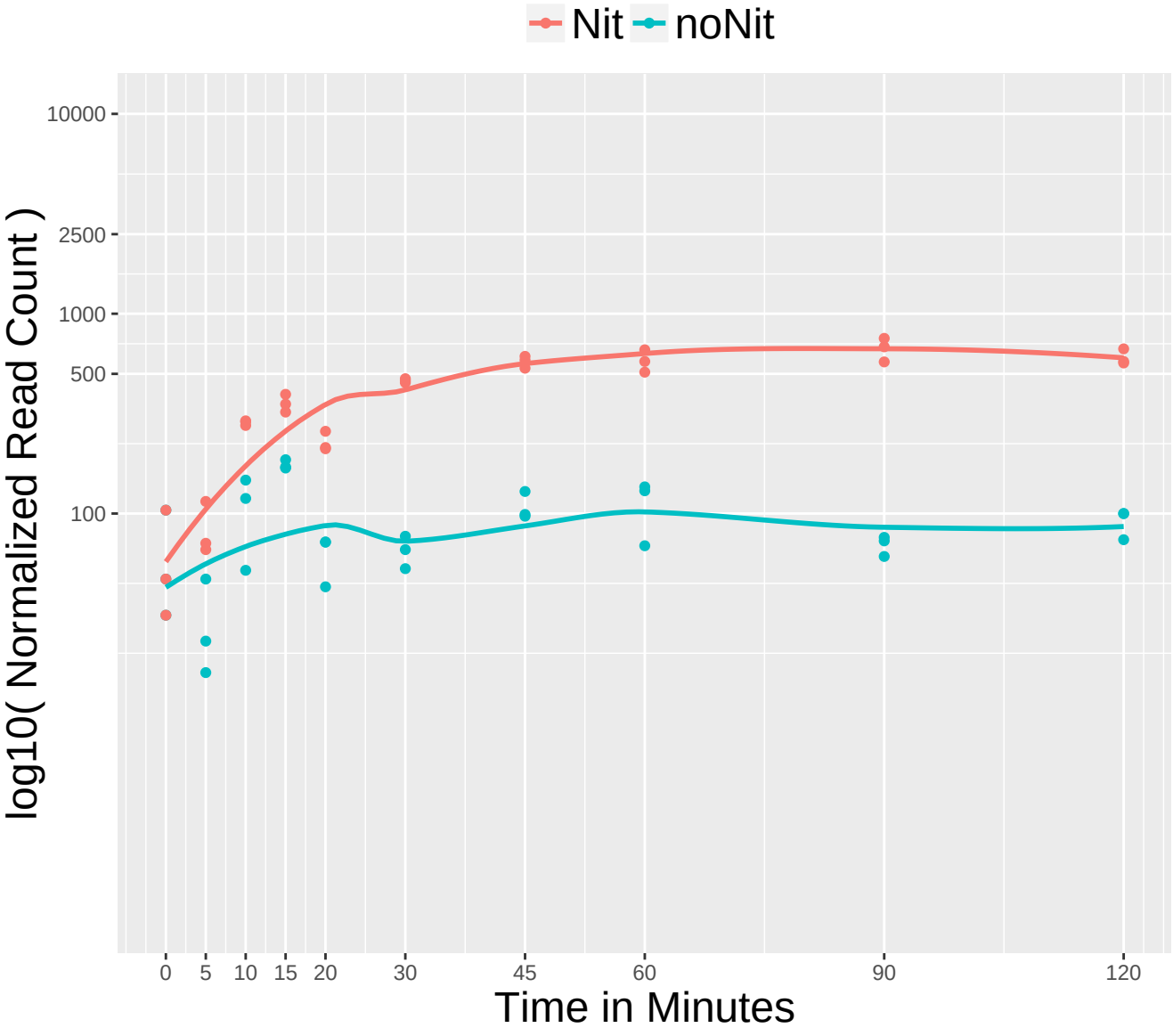
other



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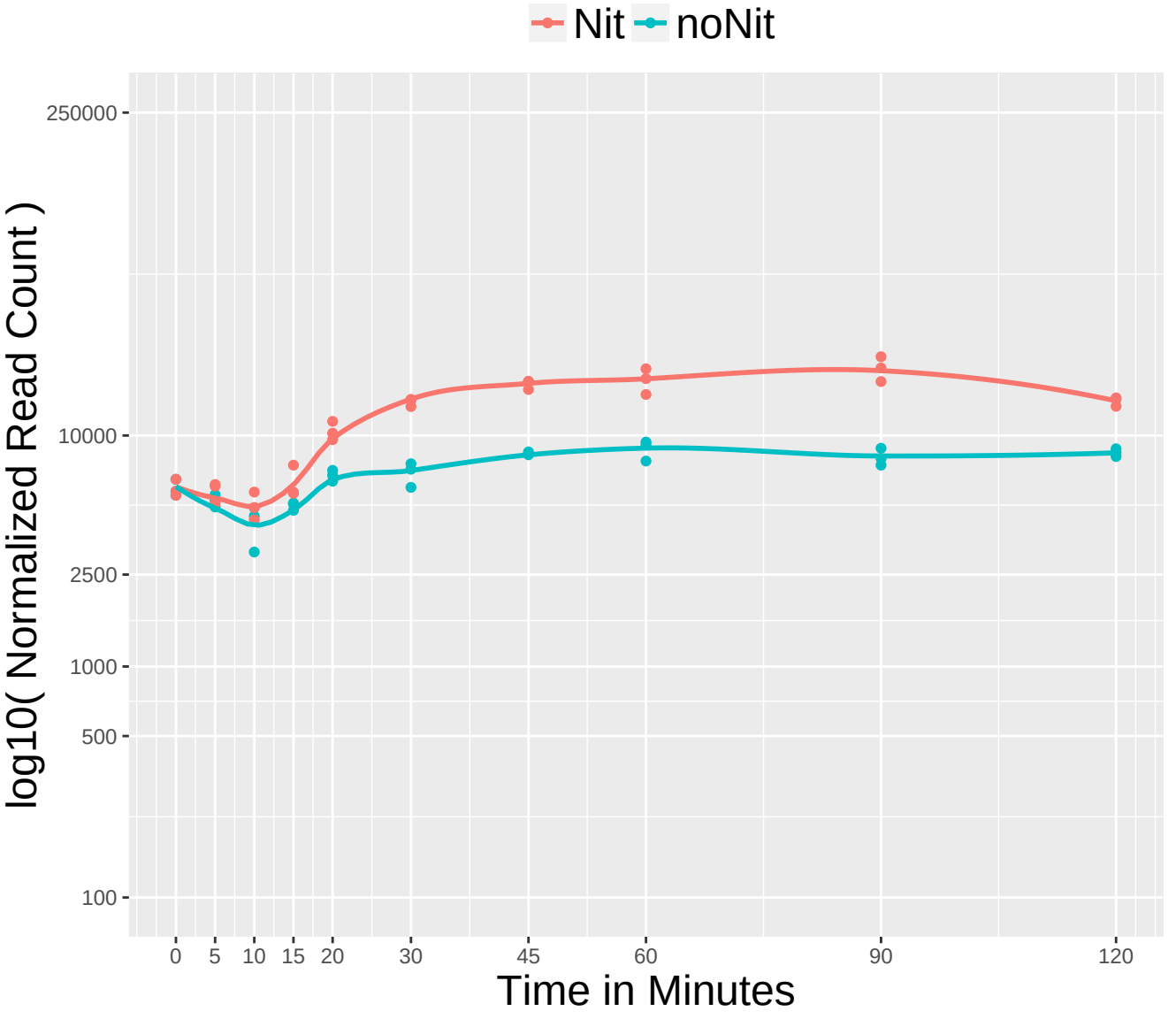
PGI,,PGI1,phosphoglucose



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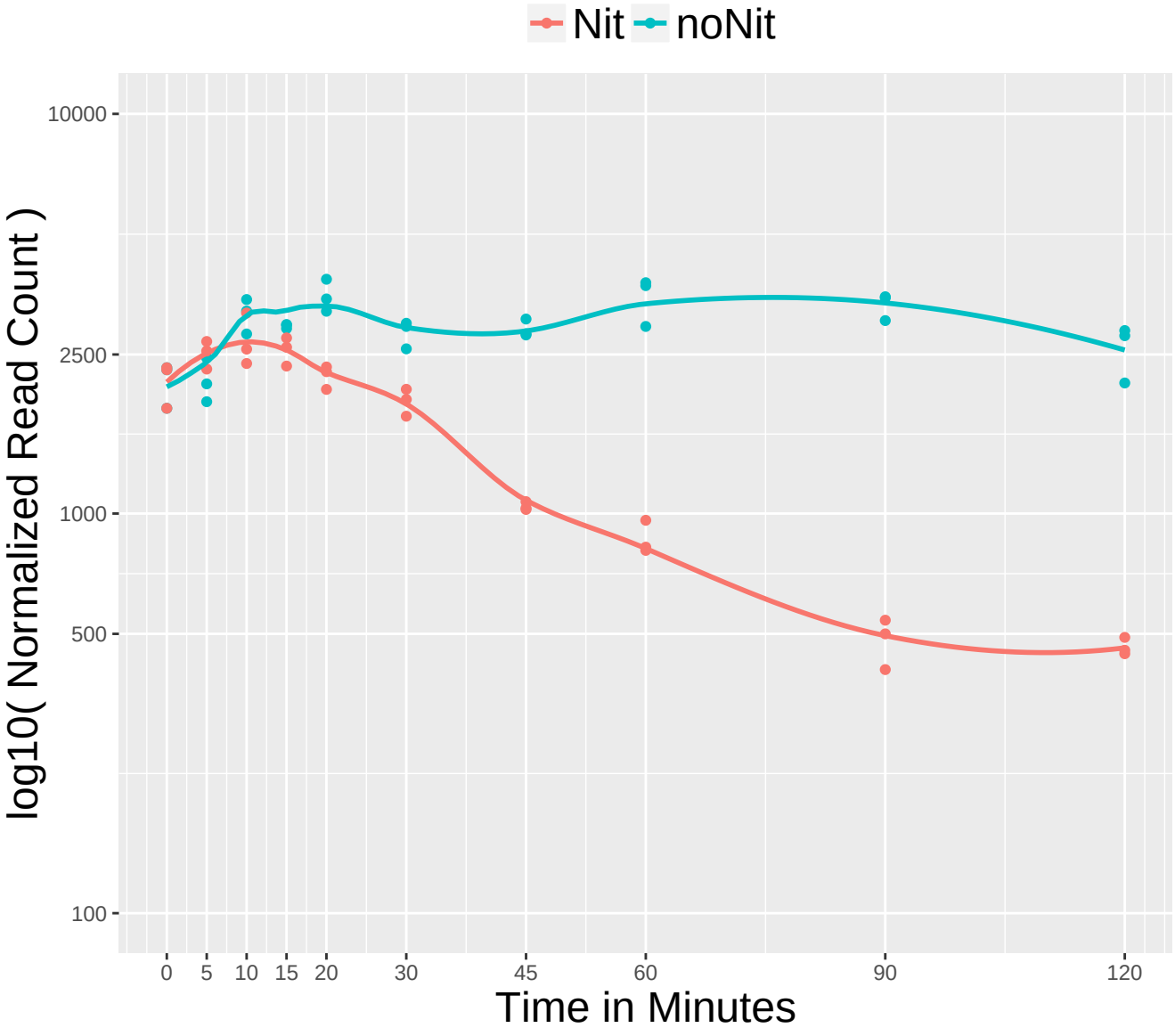
Thioredoxin



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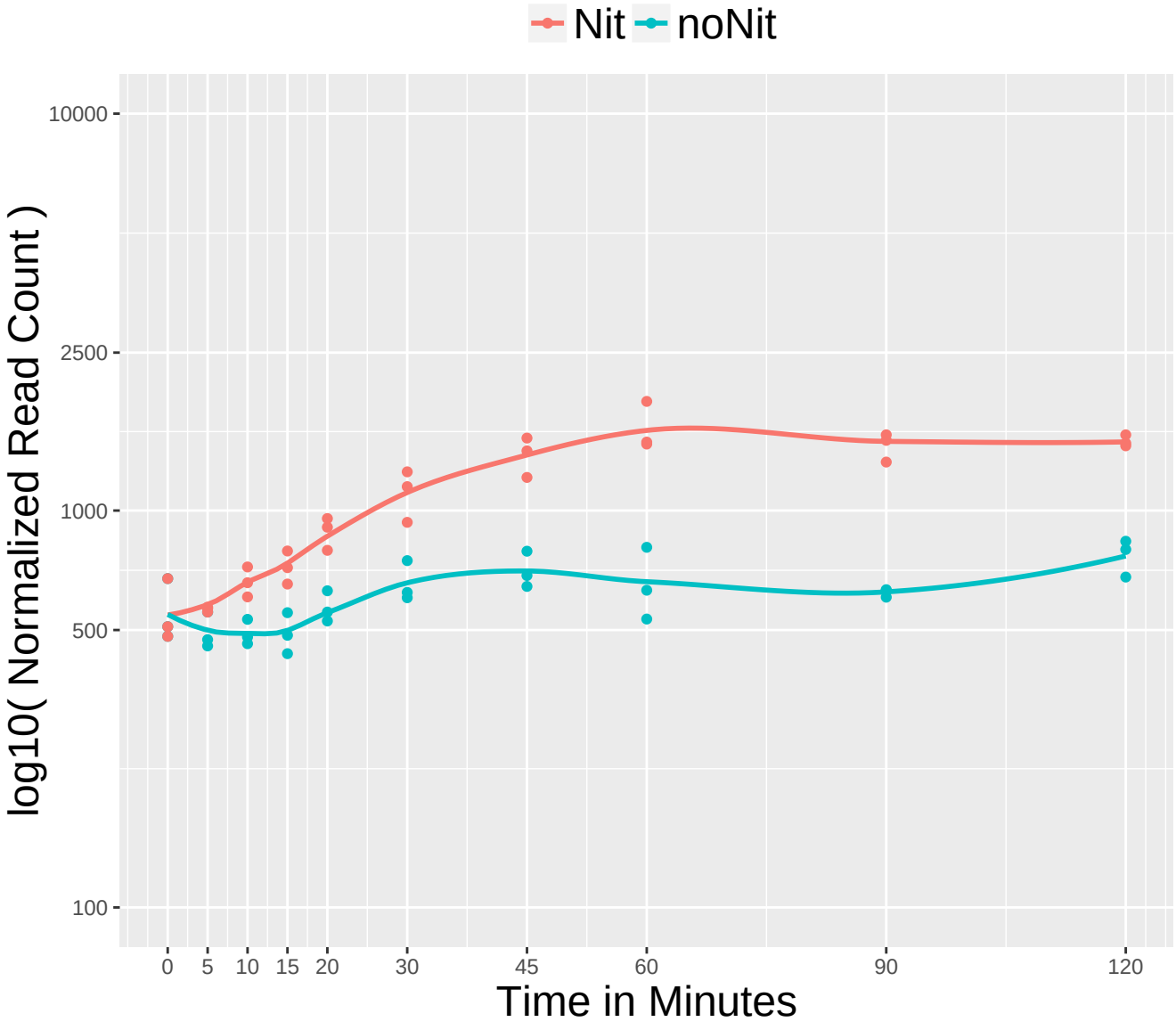
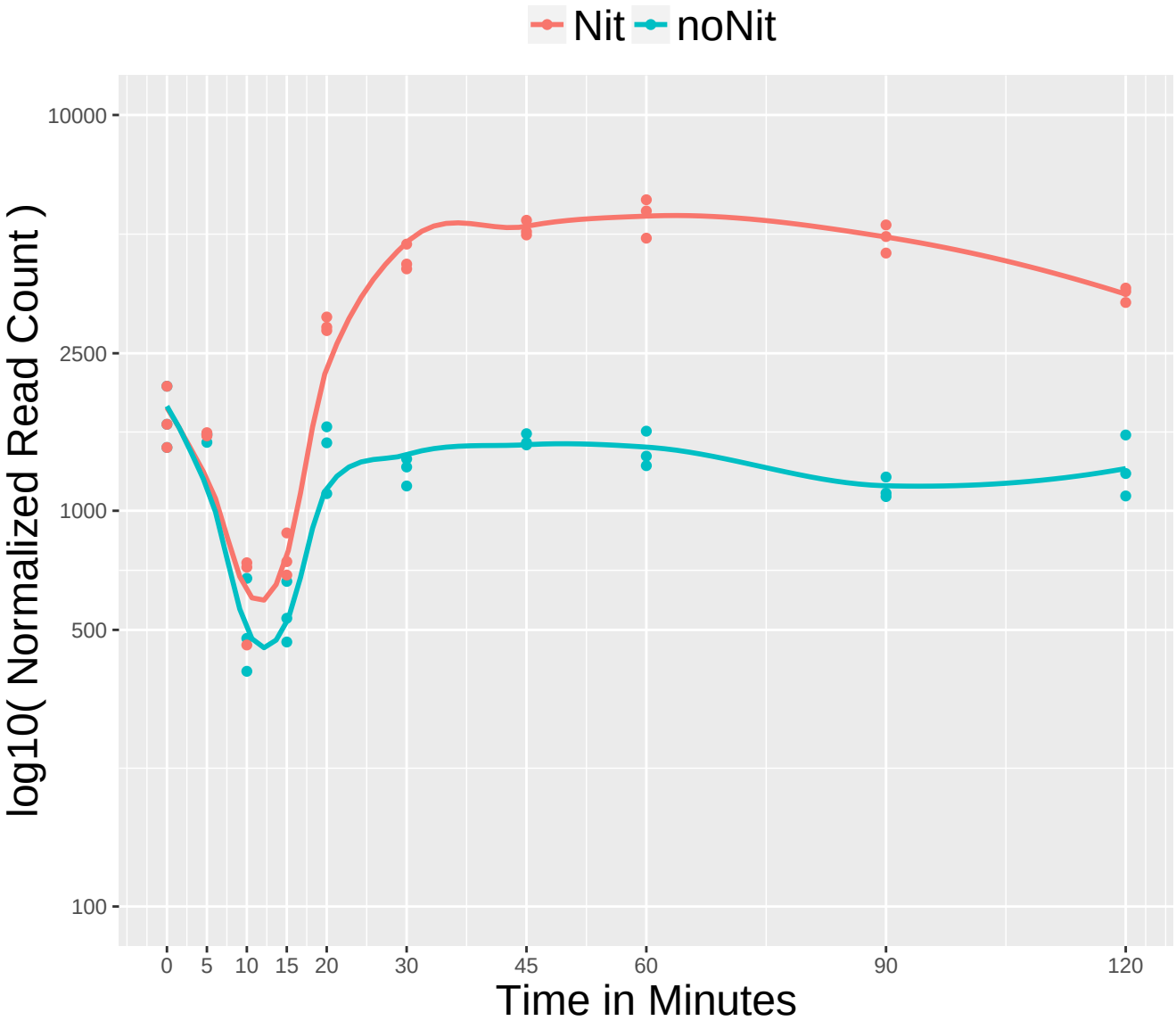
ASE2,GLN



AT5G03330

Cysteine



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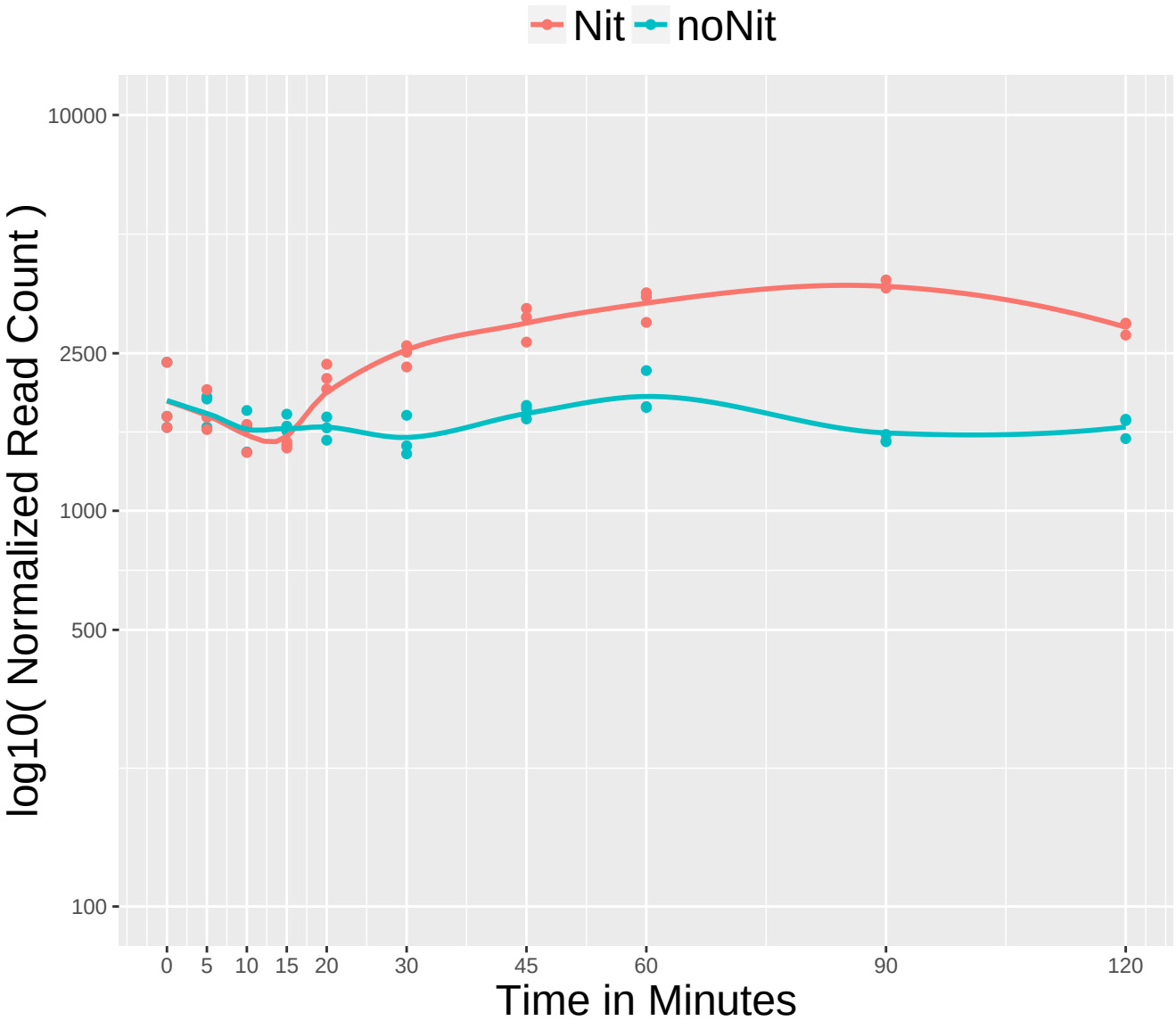
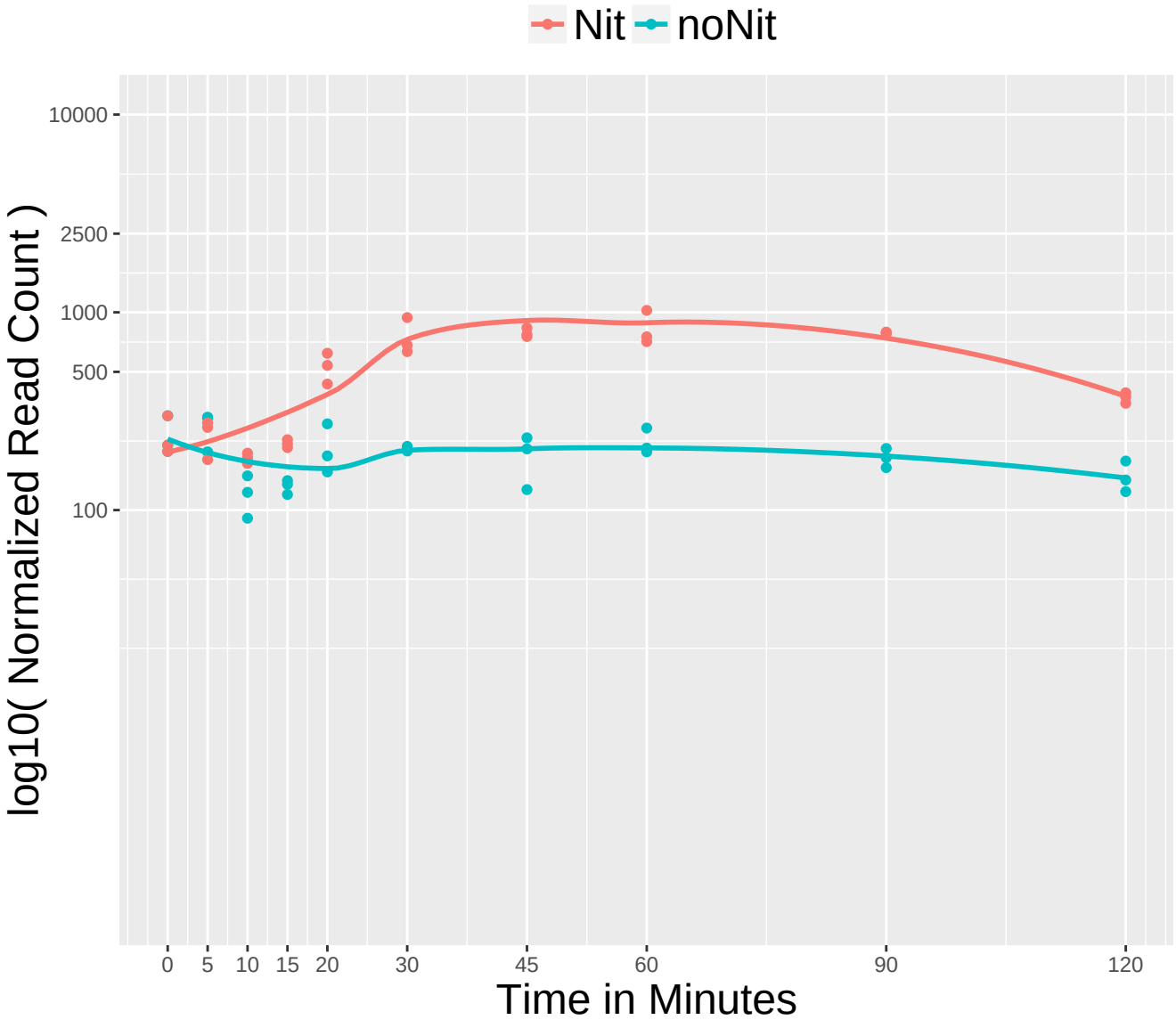
AtMTM2,,MTM2,myotubularin



AT5G07680

ANAC079,Arabidopsis



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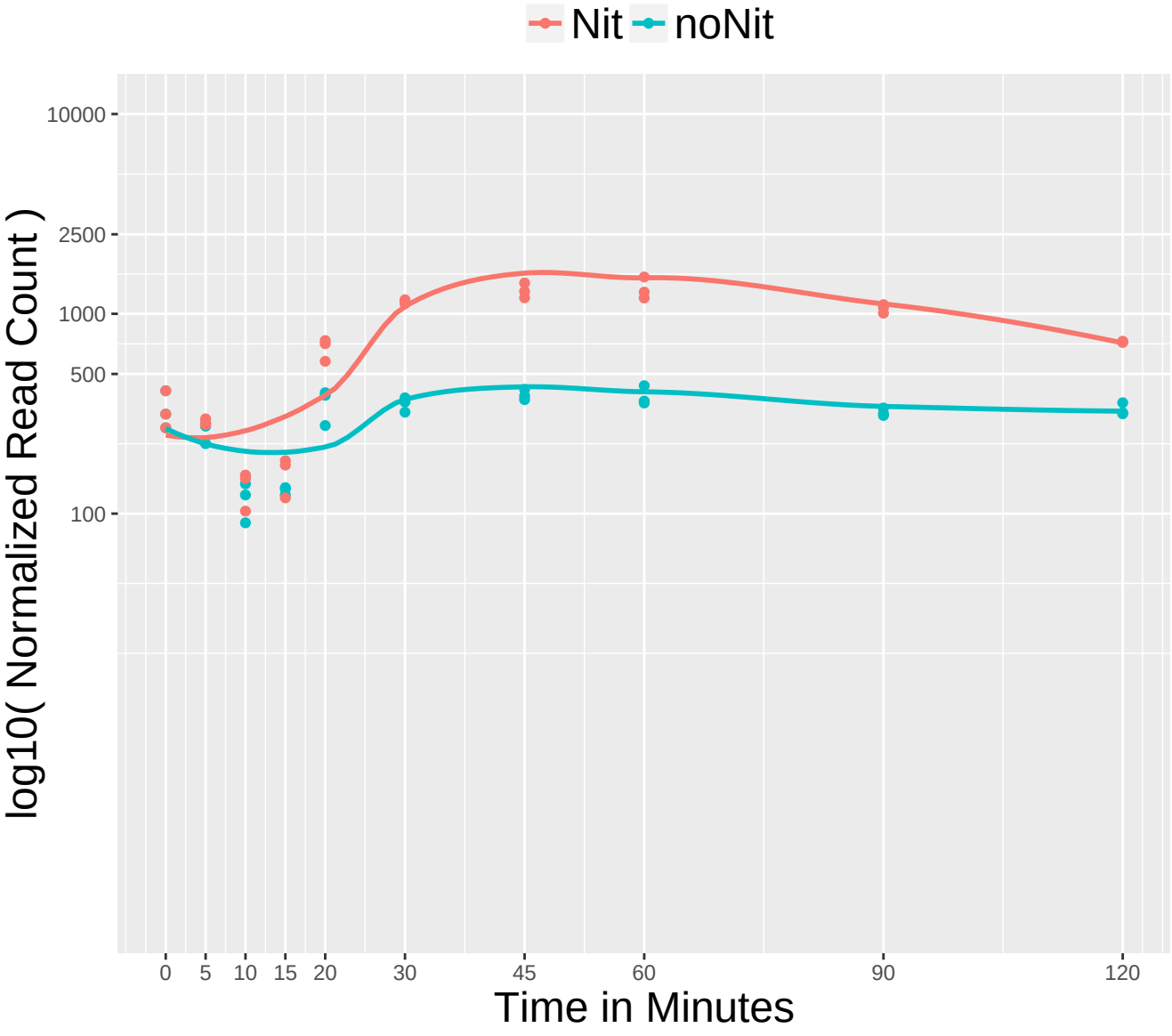
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500
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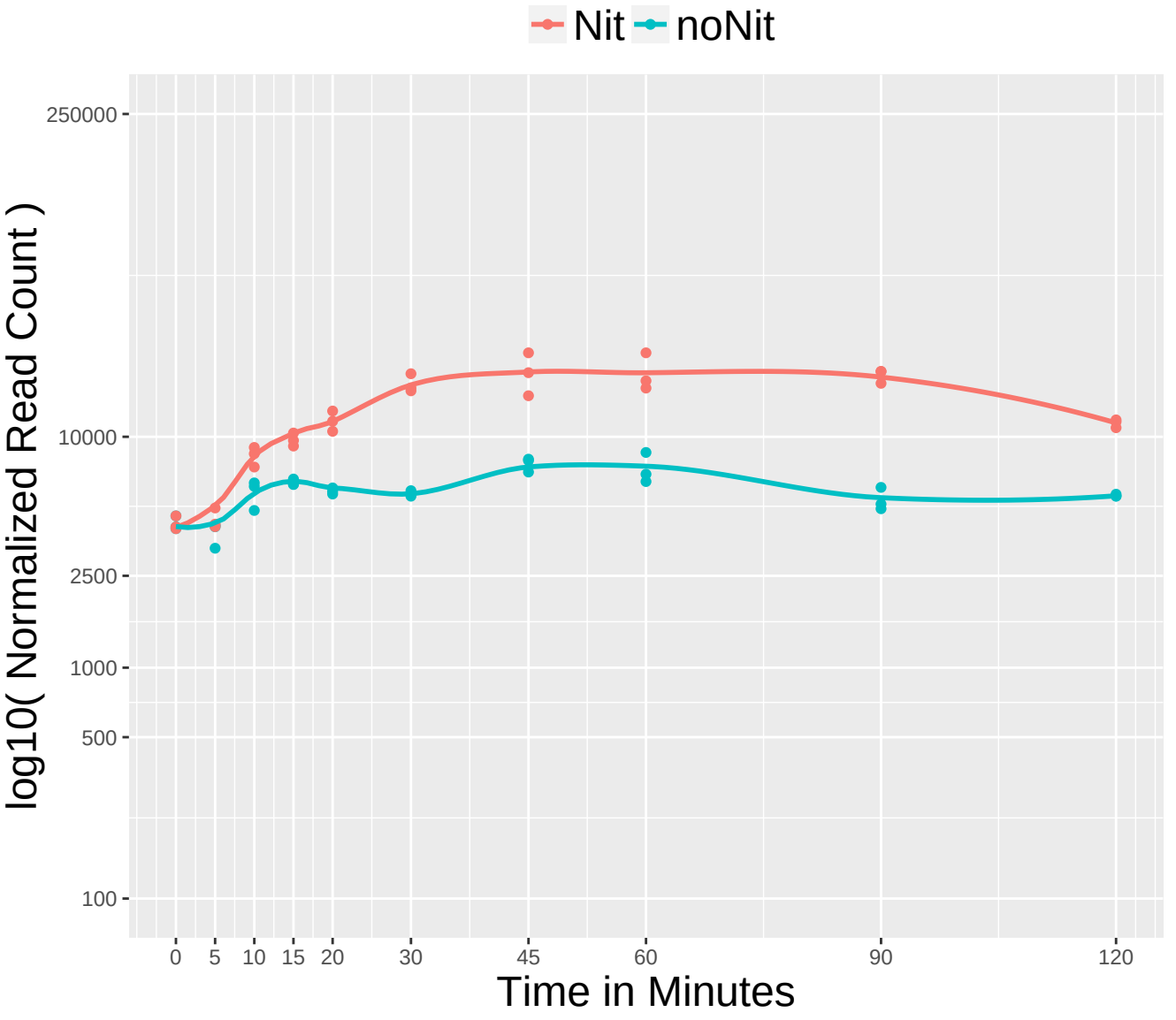
30
45
60
90
120
Time in Minutes

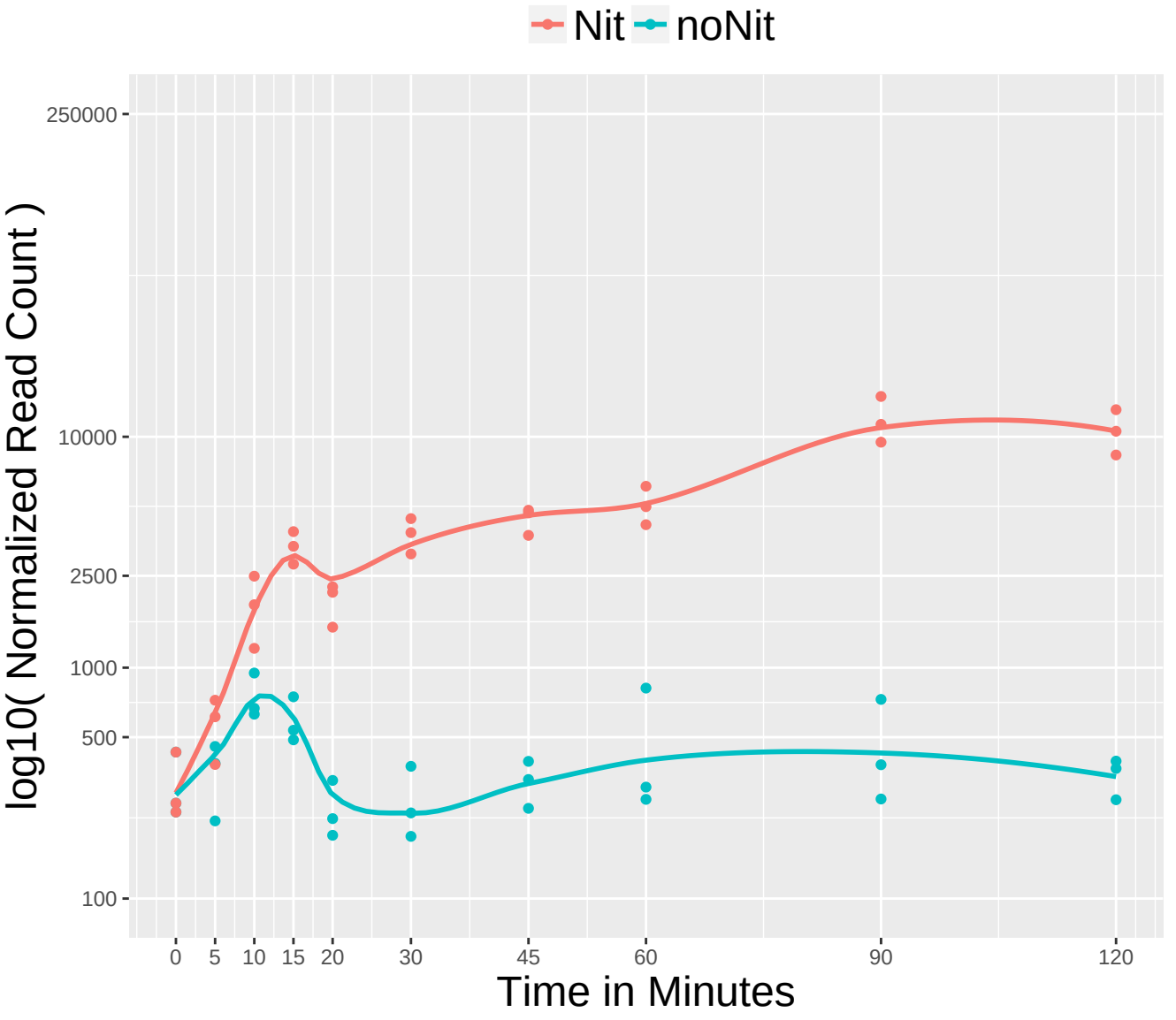
AT5G12860

DiT1,dicarboxylate



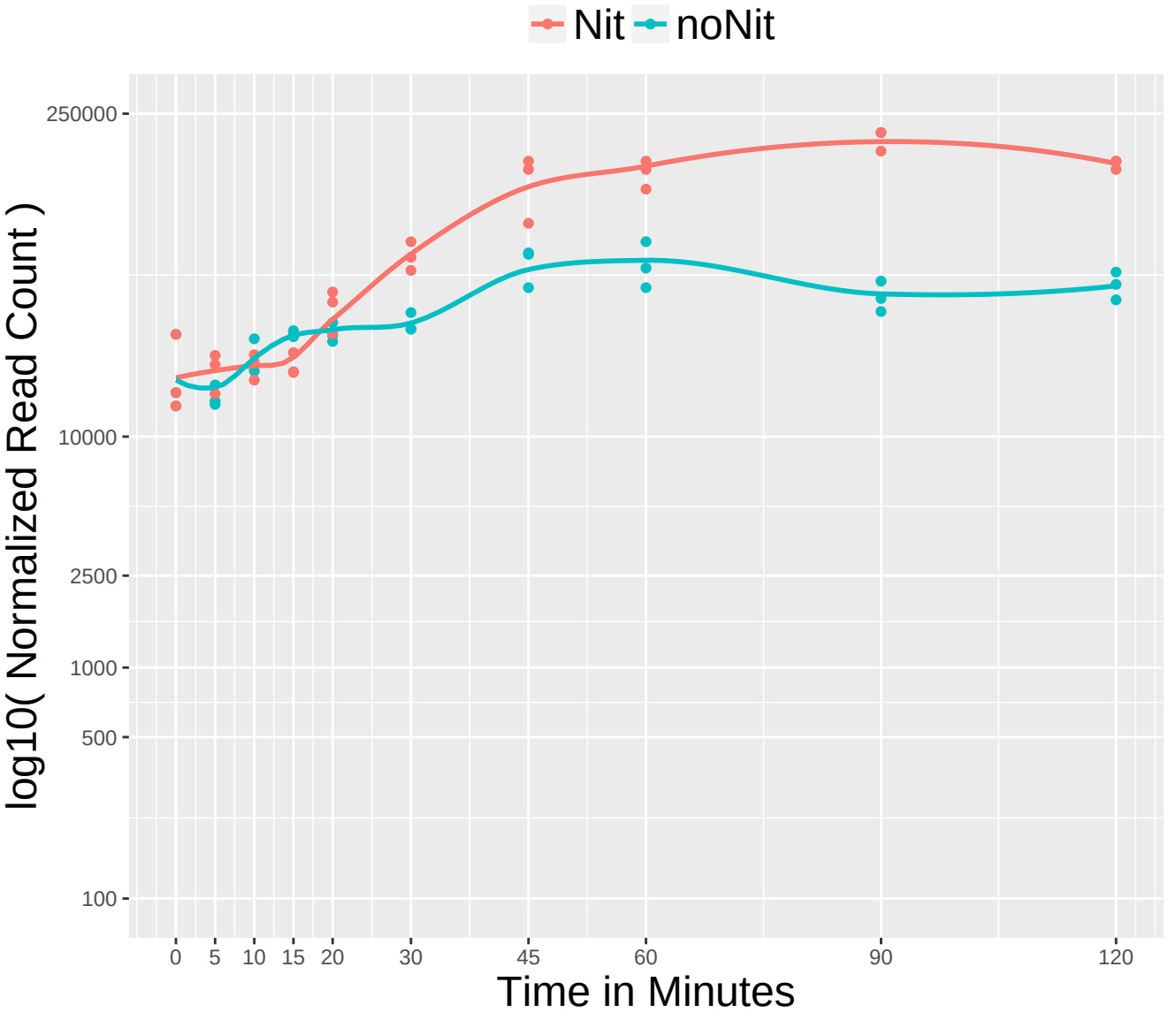
AT5G19120

Eukaryotic



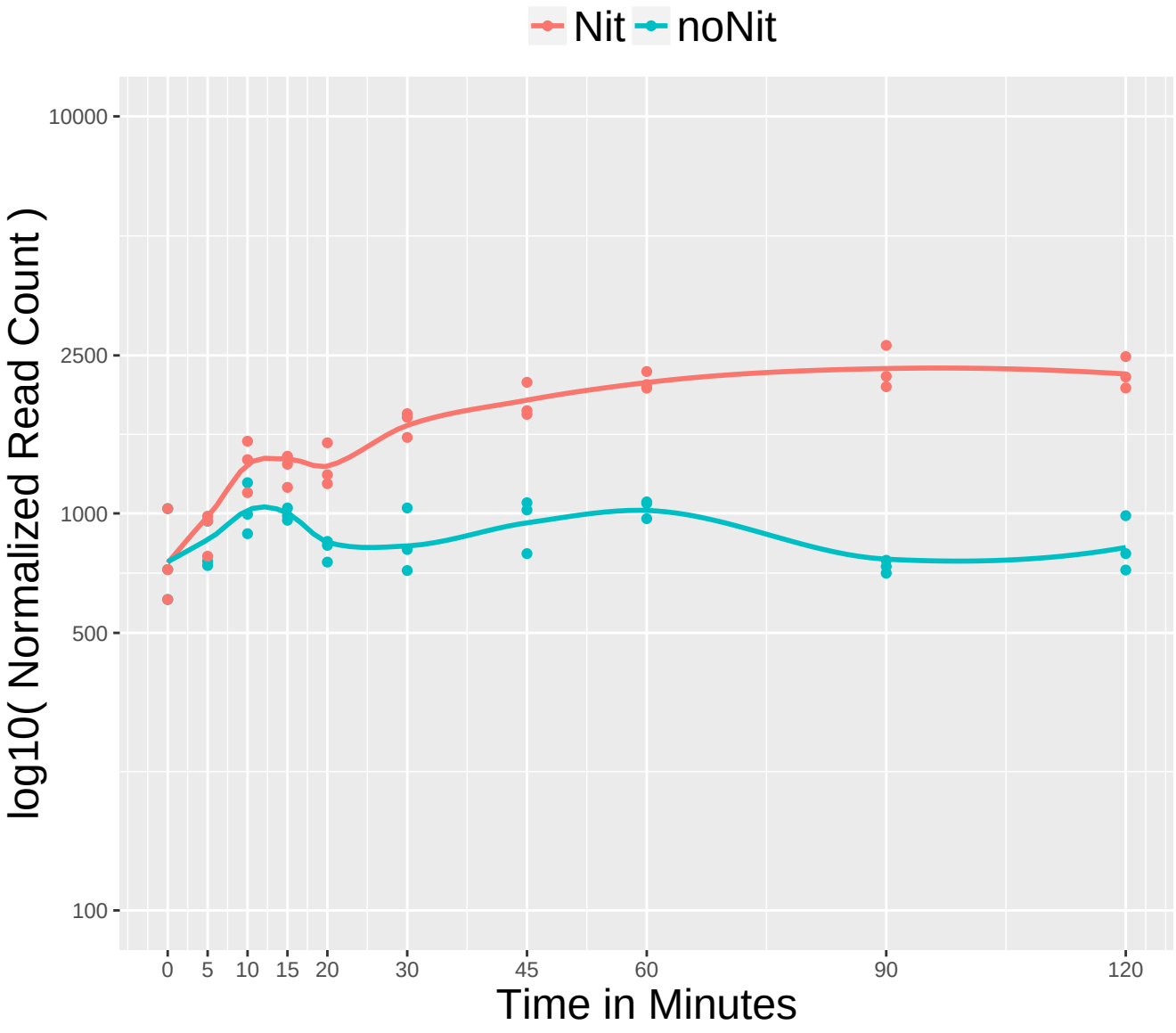
AT5G53460

GLT1,NADH−dependent



AT5G57660

ATCOL5,,BBX6,B−box



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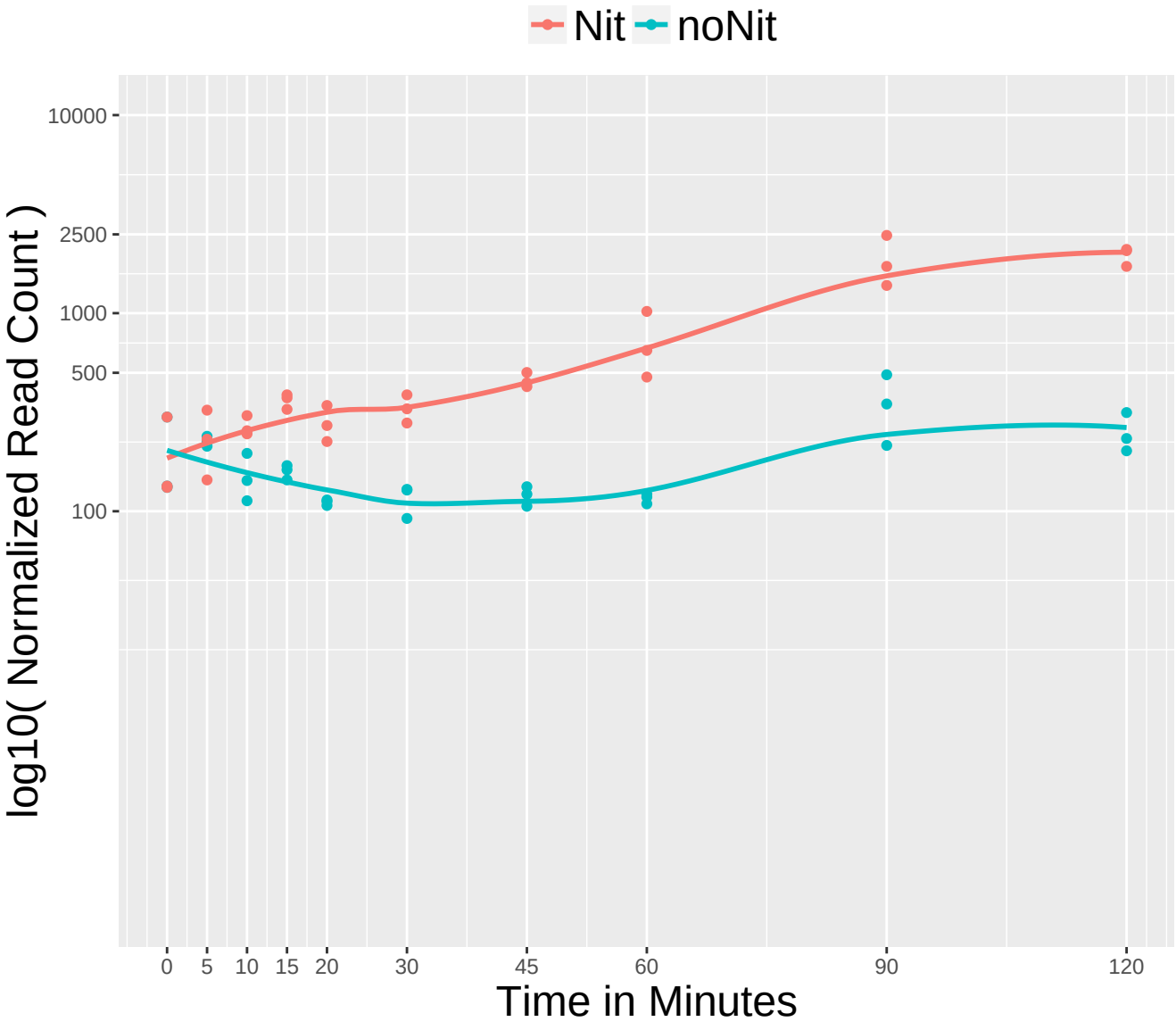
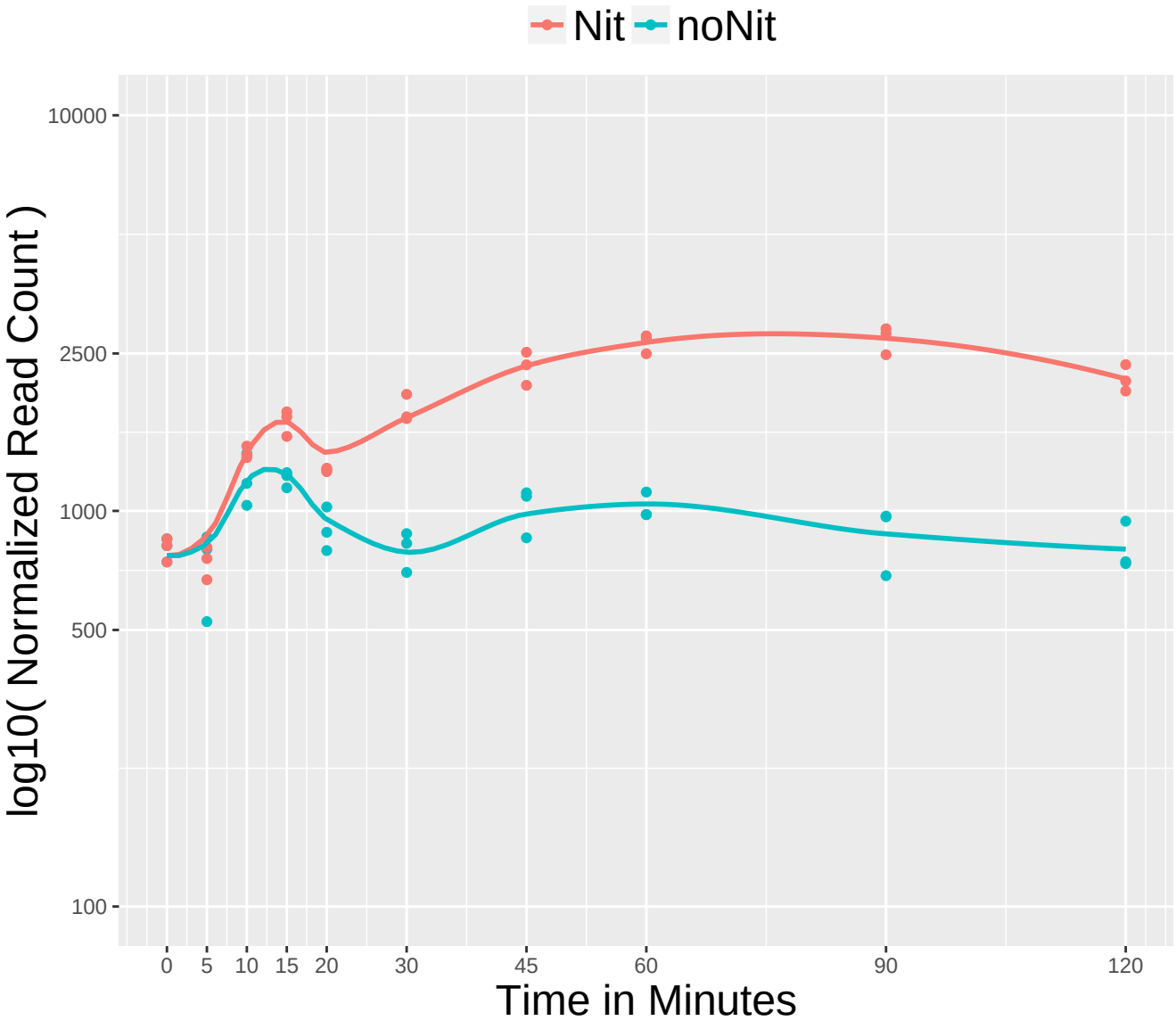
ACHT5,atypical



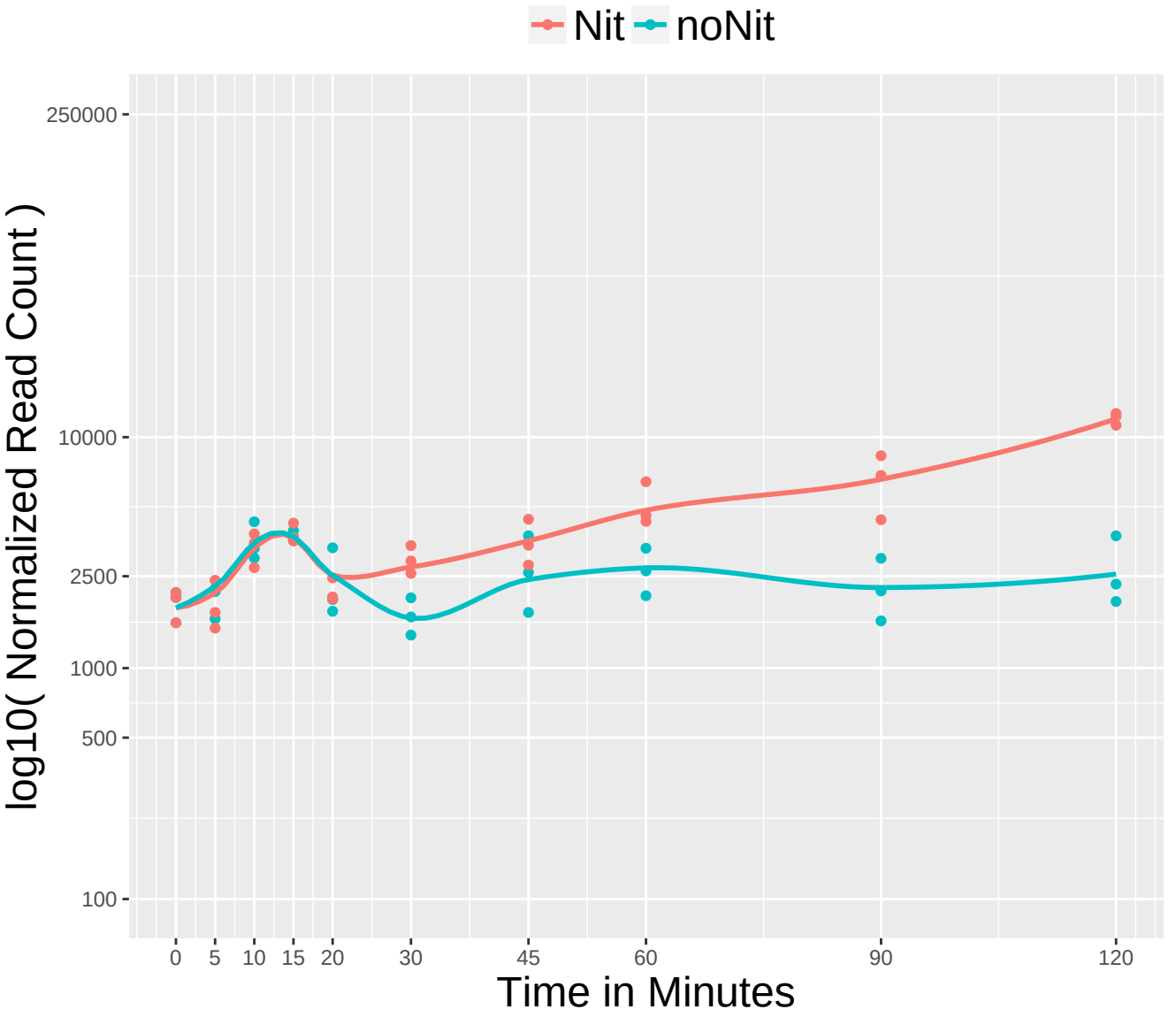
AT1G14340

RNA−binding

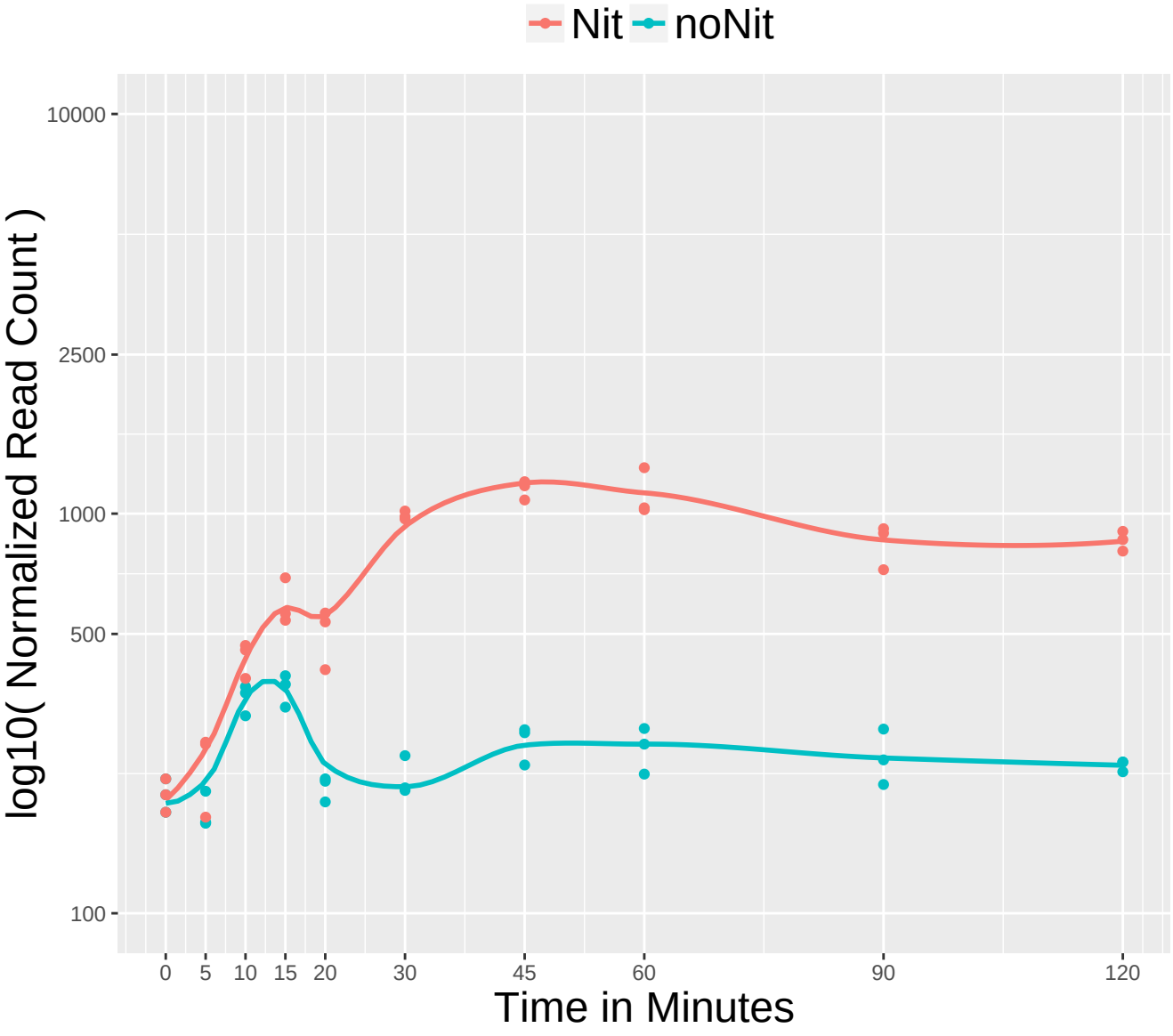


AT1G15380

GLYI4,glyoxylase



AT1G16170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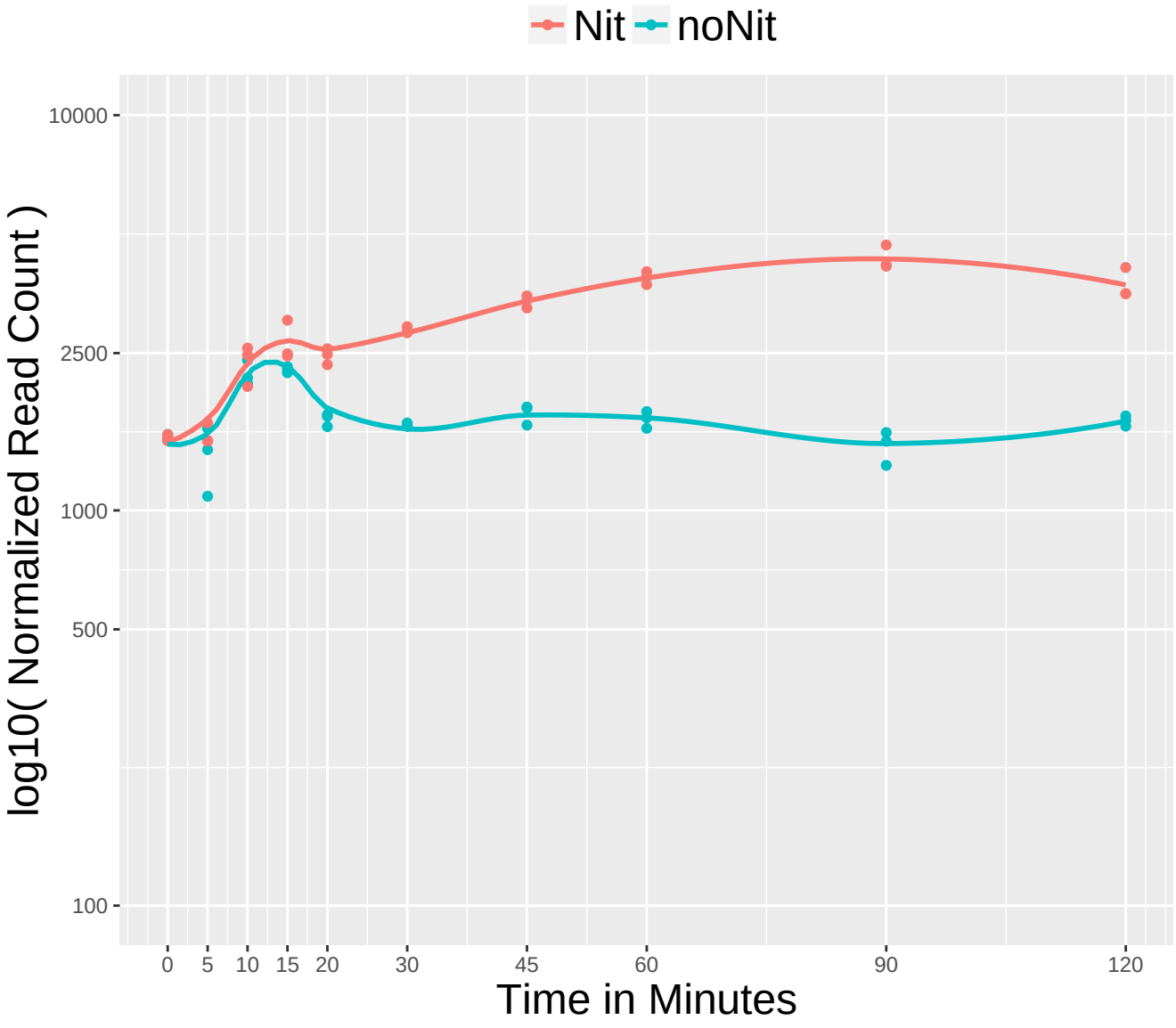
Time in Minutes

AT1G16300

GAPCP−2,glyceraldehyde−3−phosphate



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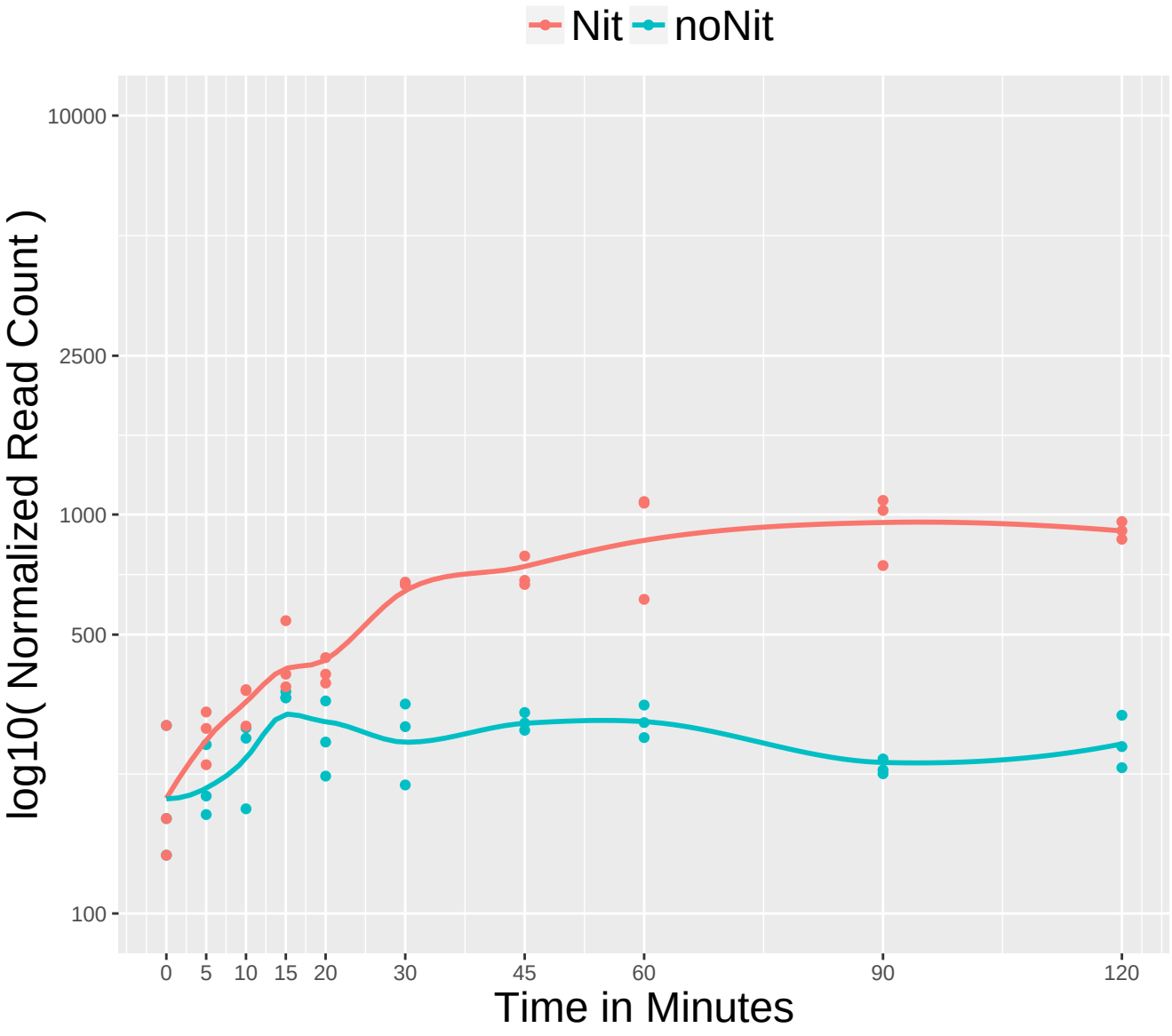
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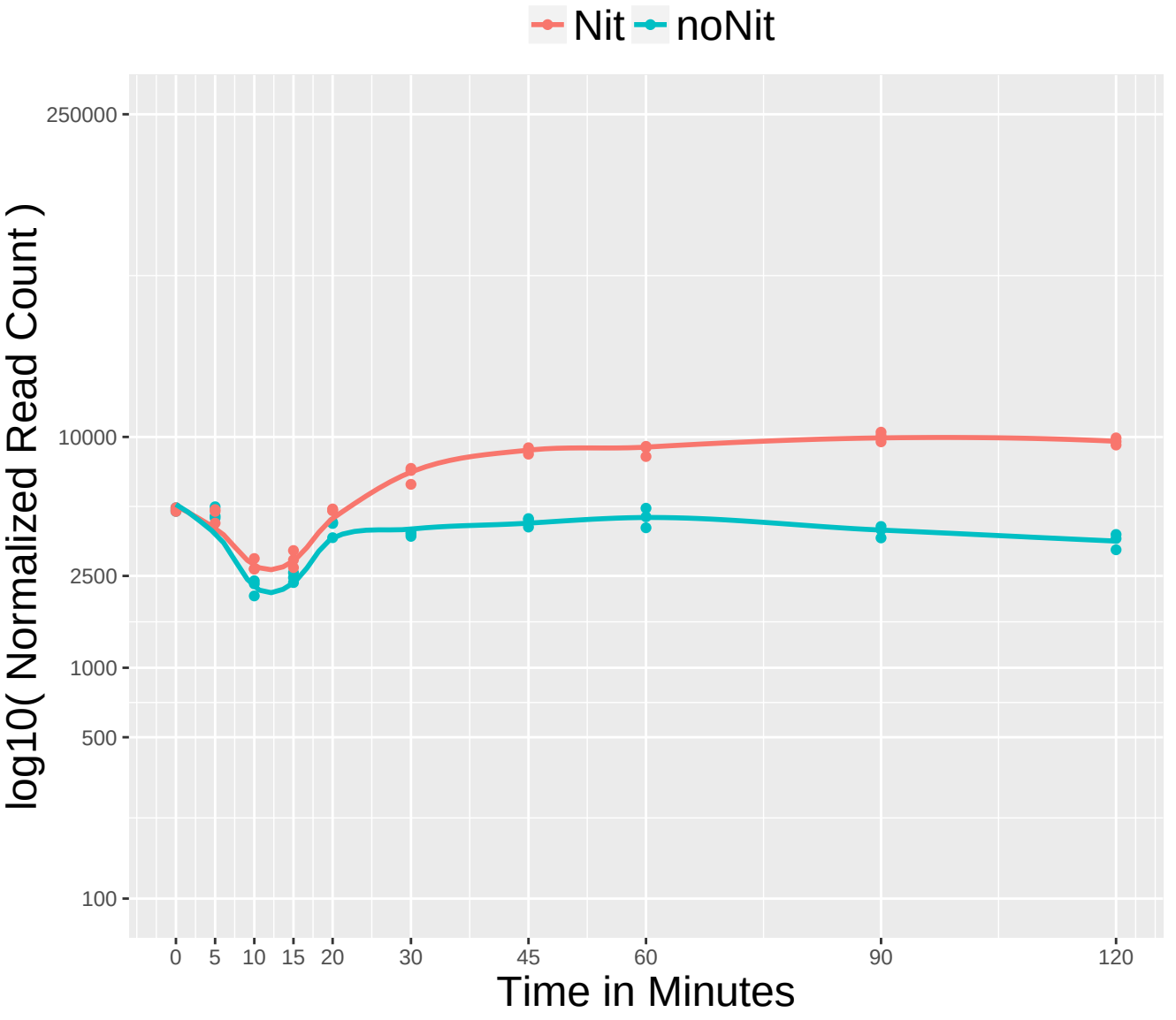
Time in Minutes

AT1G30270

ATCIPK23,,CIPK23,CBL−interacting



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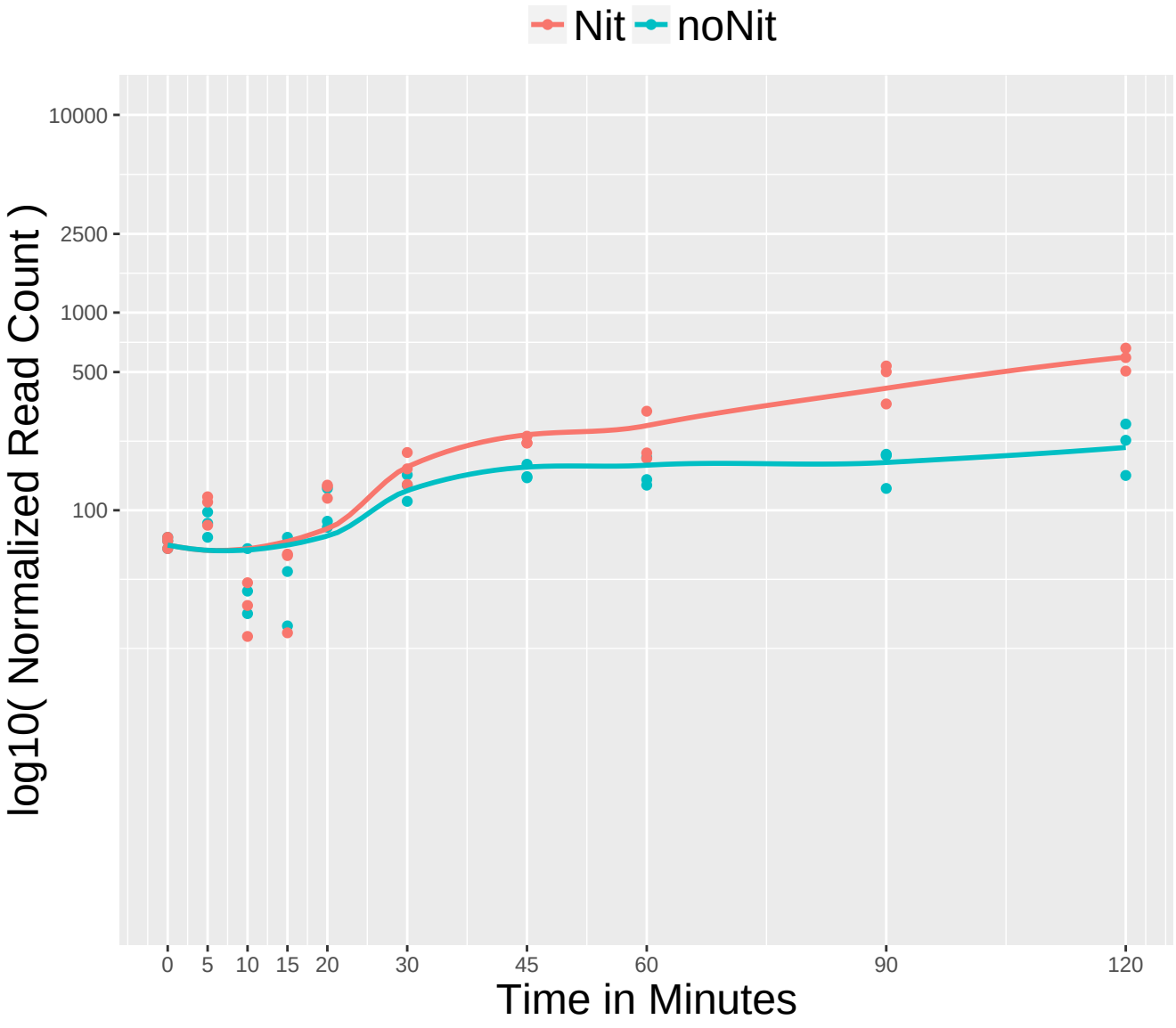

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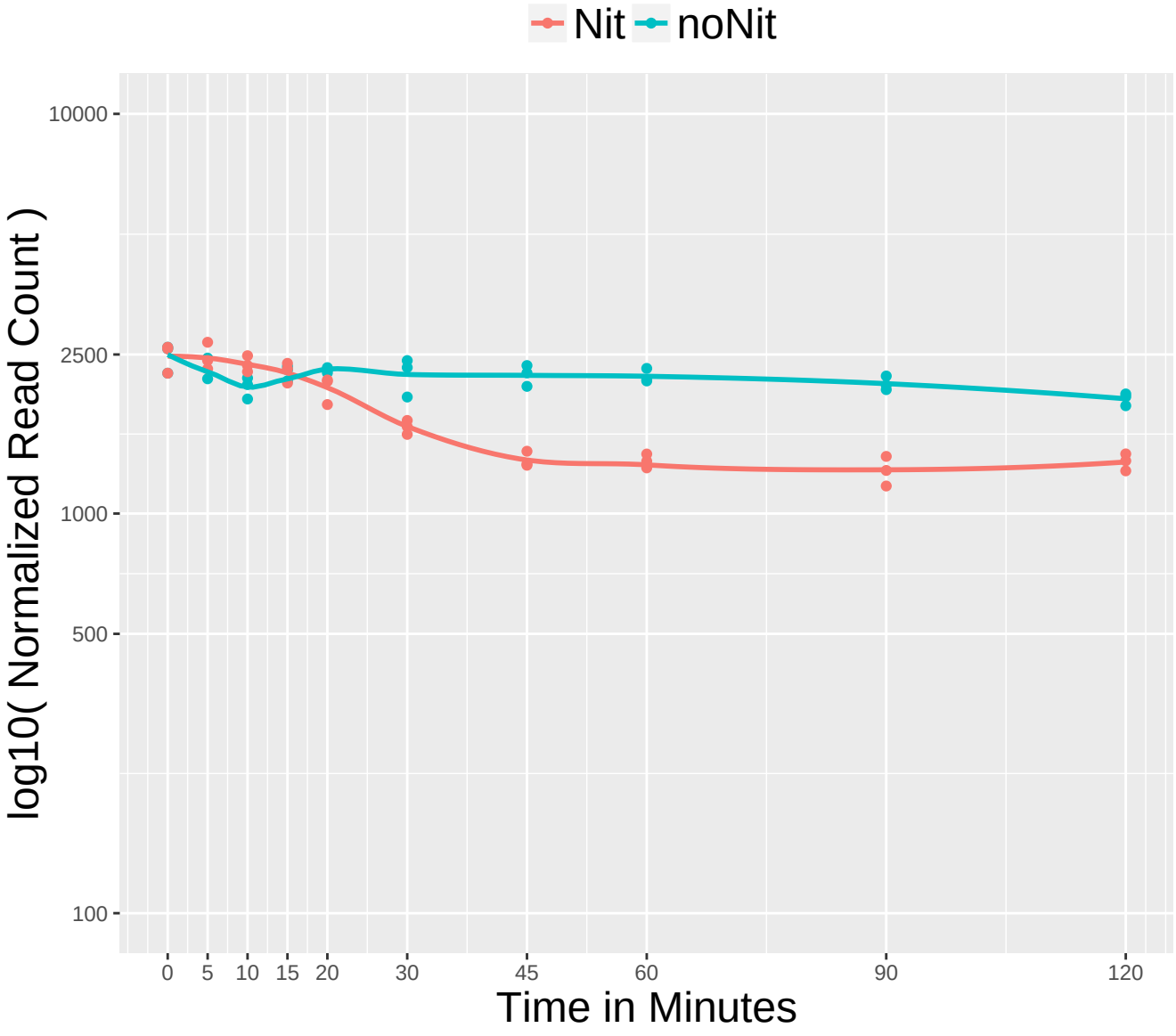
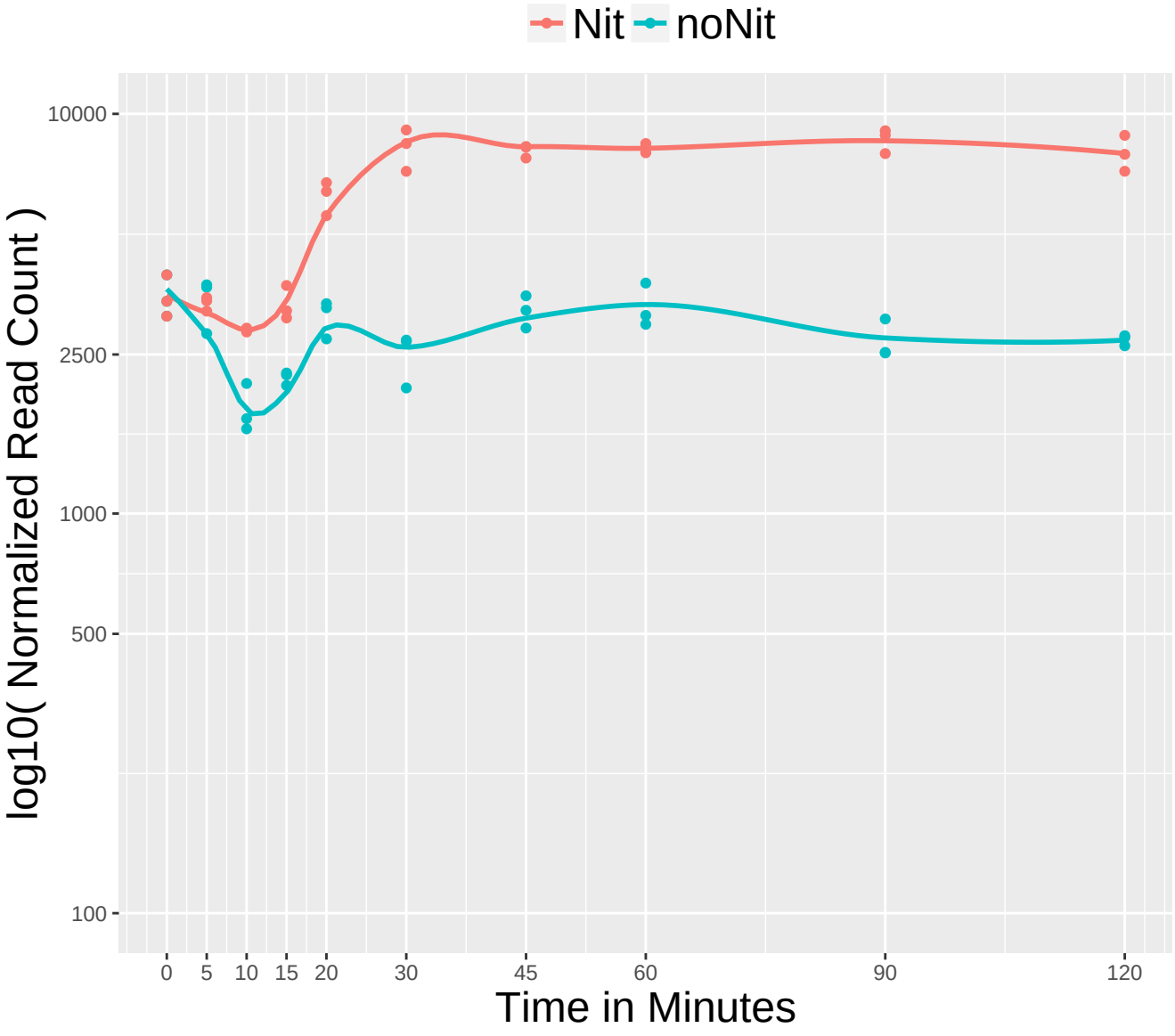
Leucine−rich



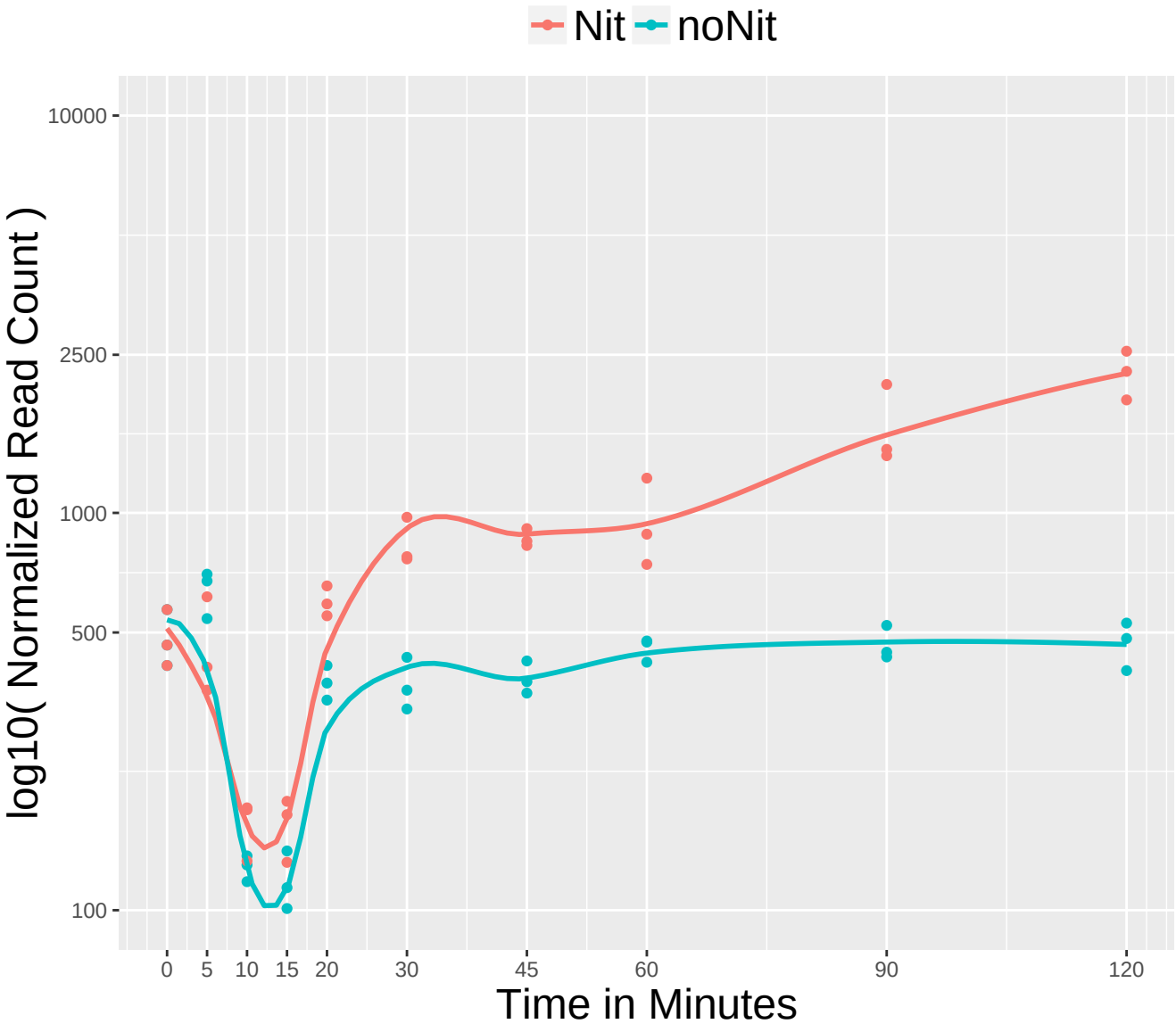
AT1G71980

Protease−associated



AT2G02710

PLP,PAS/LOV



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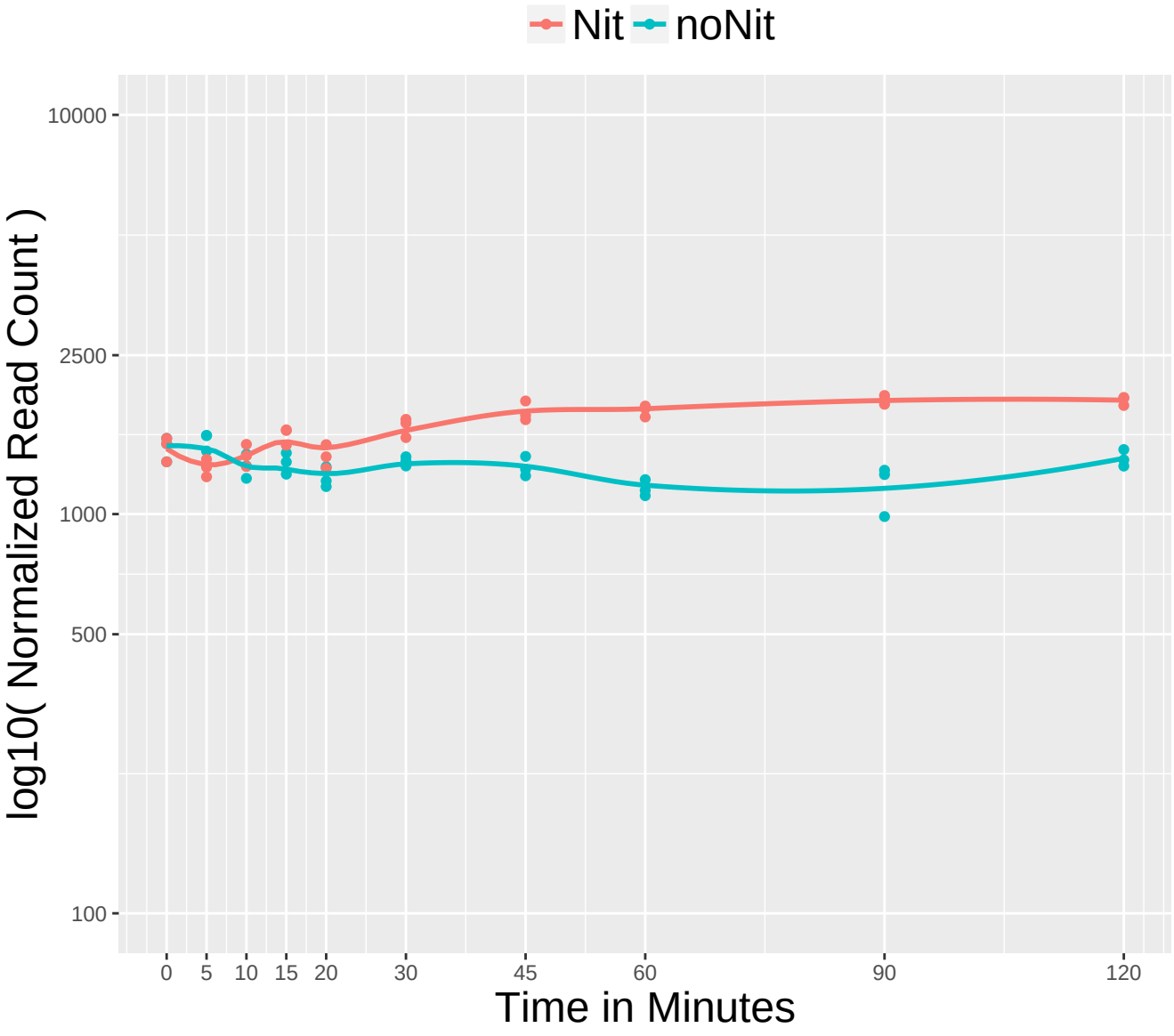
CBS



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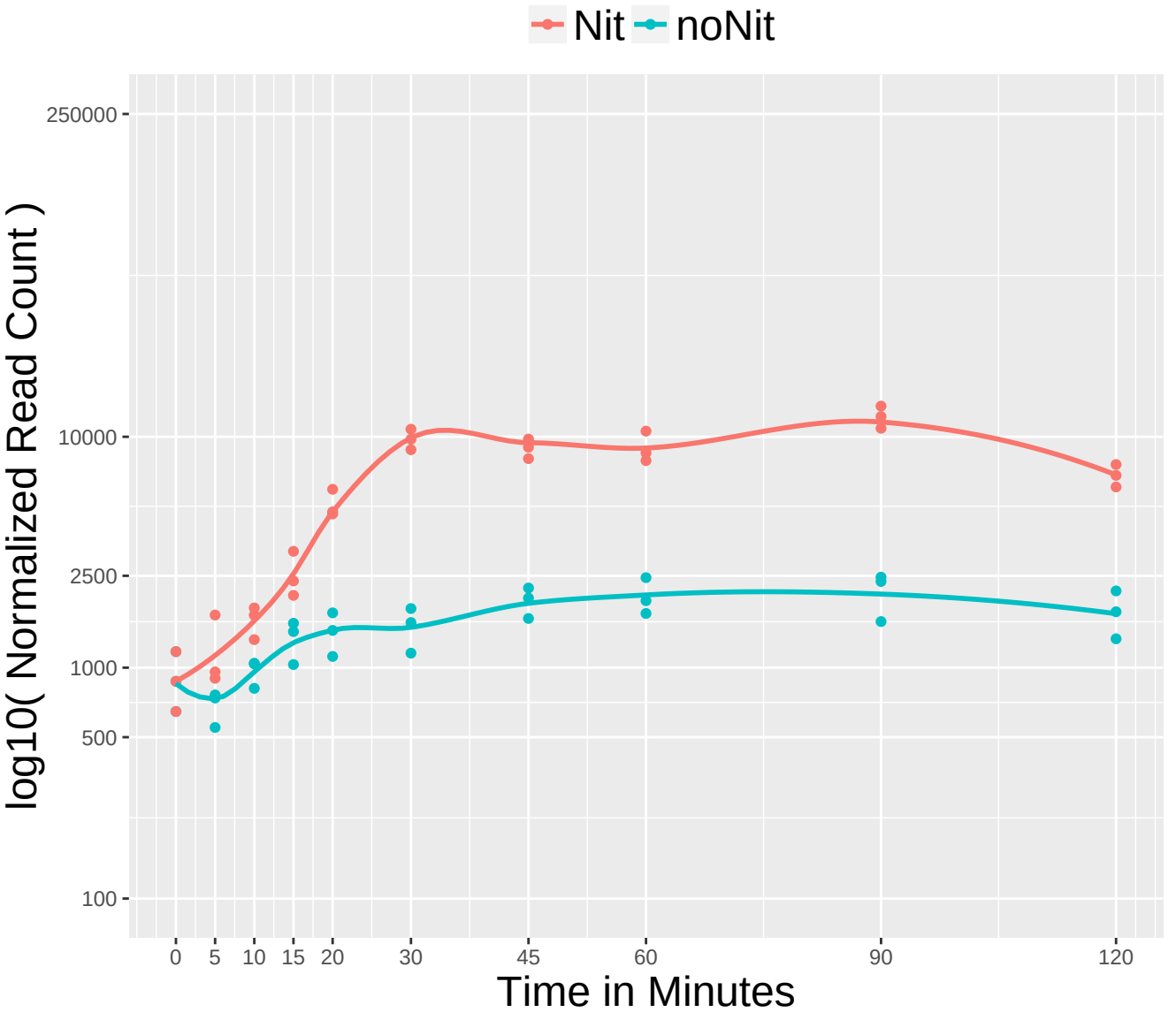
Glycosyl



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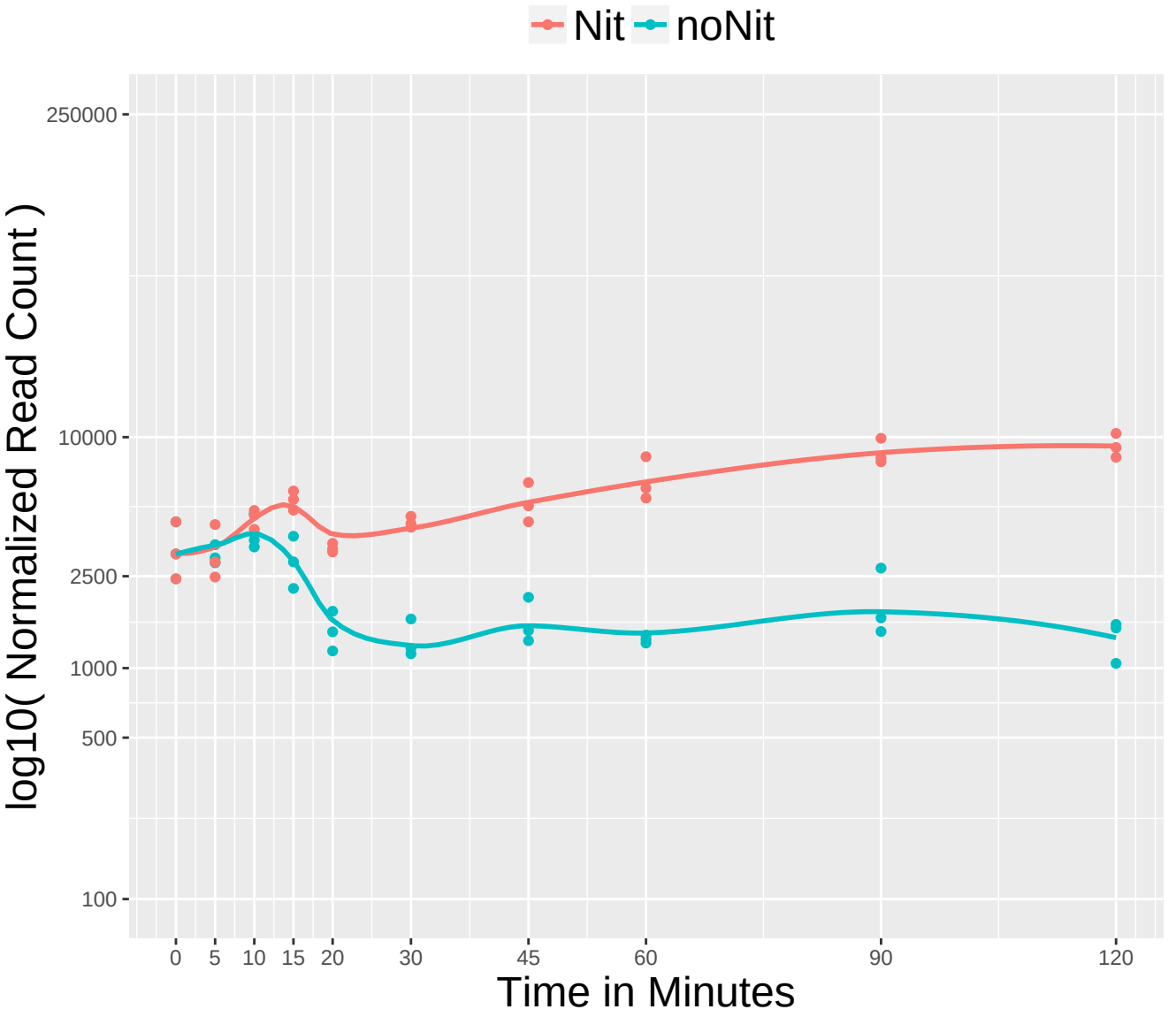
GDU1,glutamine



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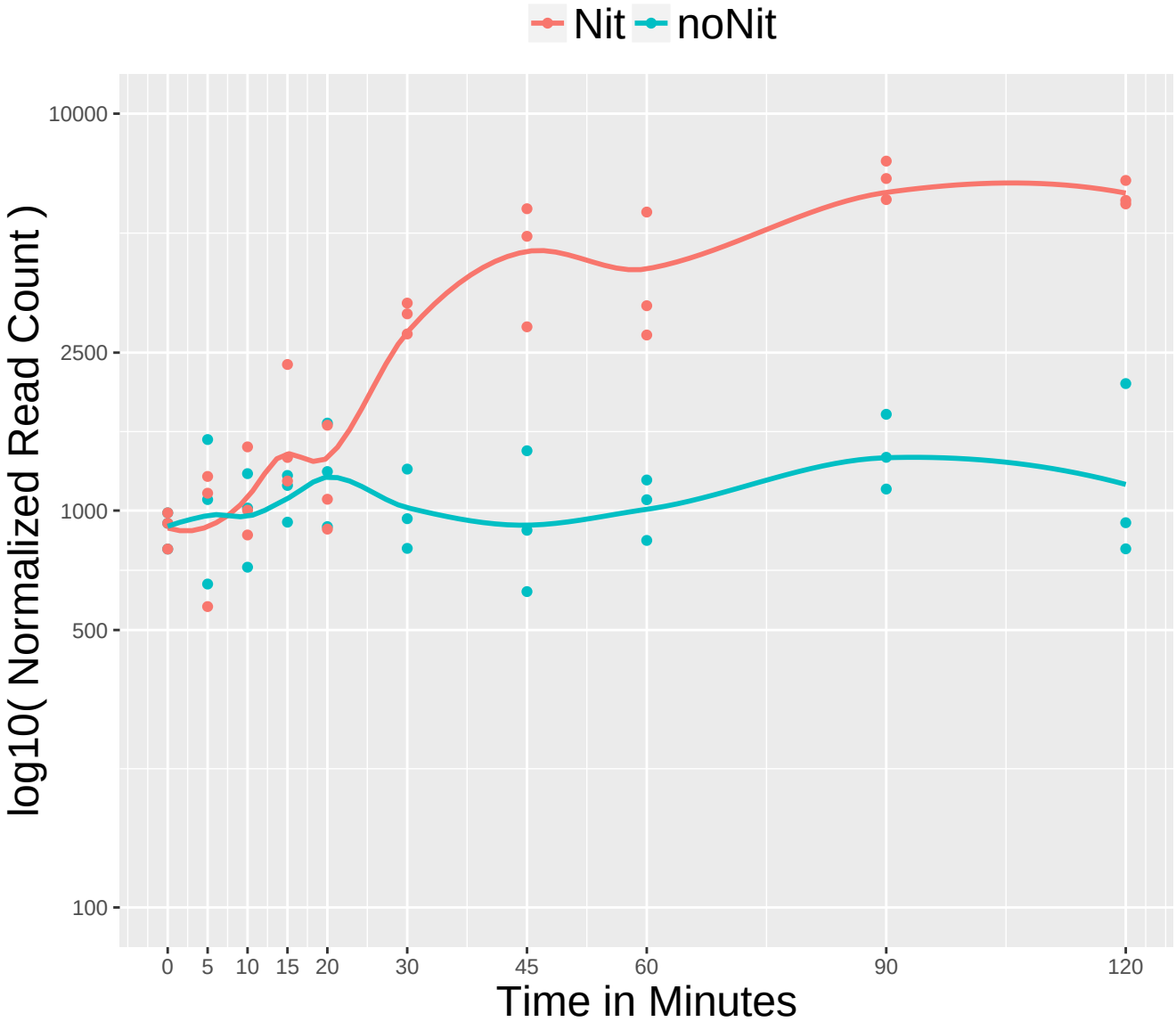
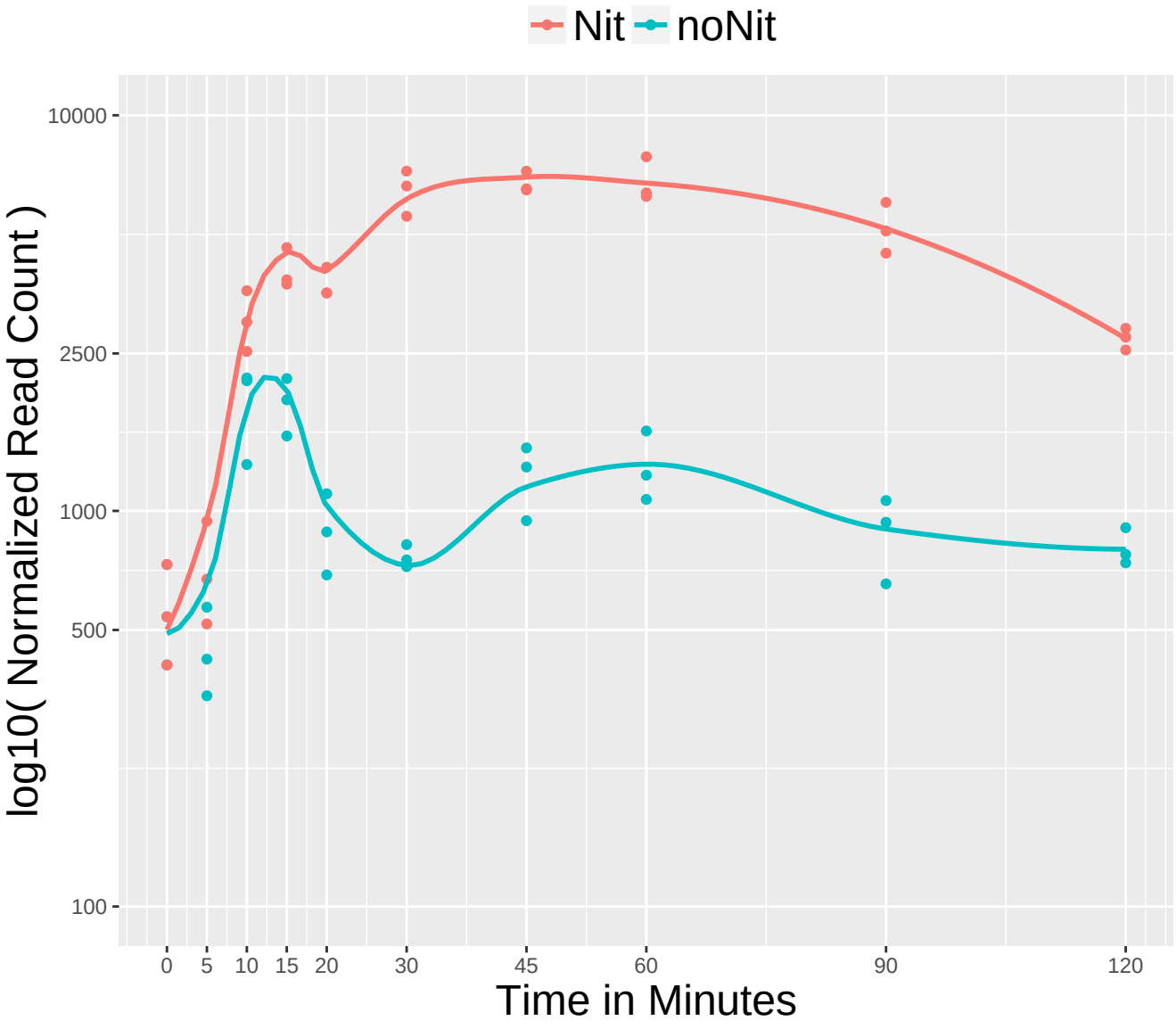
ATWRKY18,ARABIDOPSIS



AT4G36010

Pathogenesis−related



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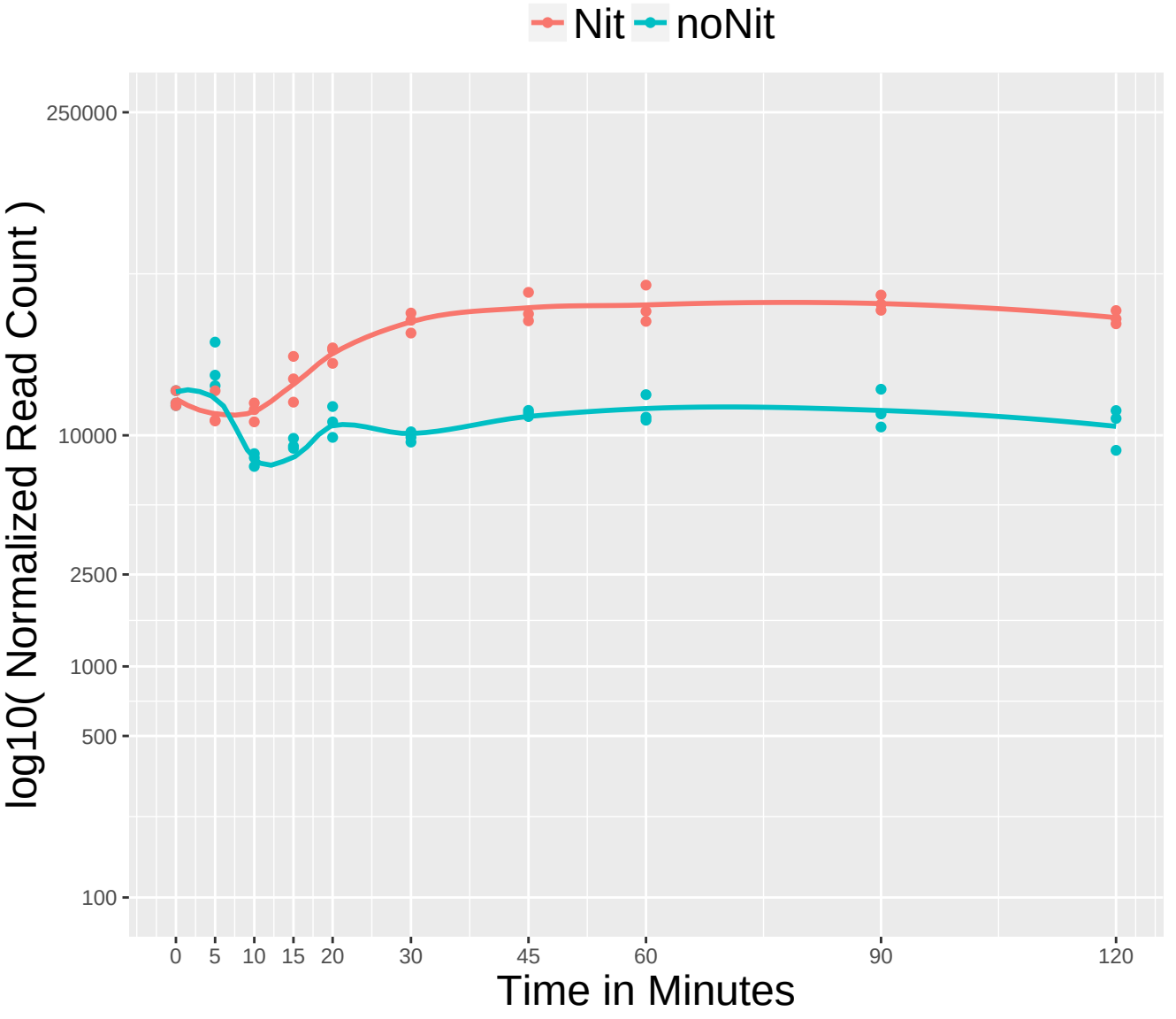
Heavy



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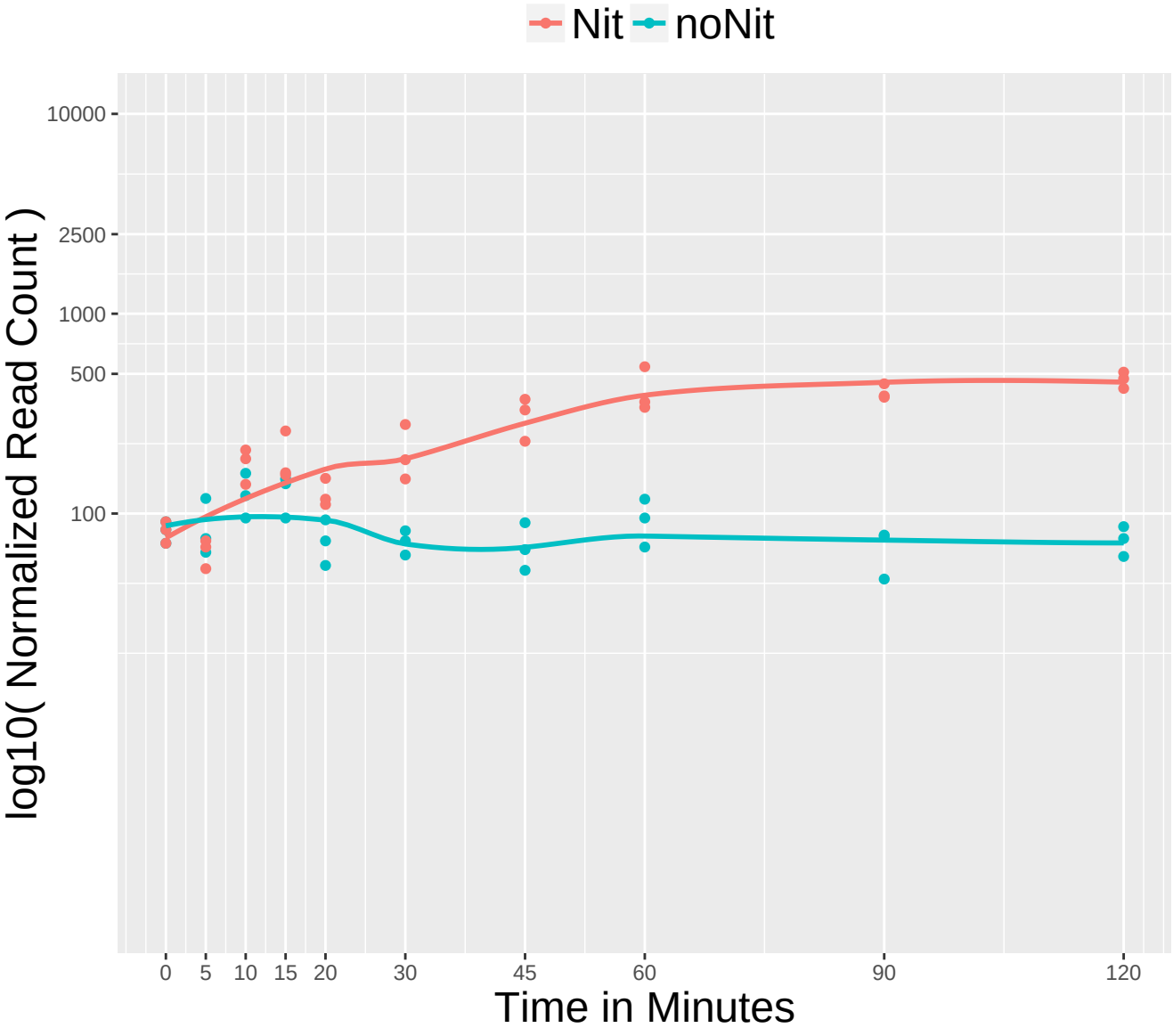

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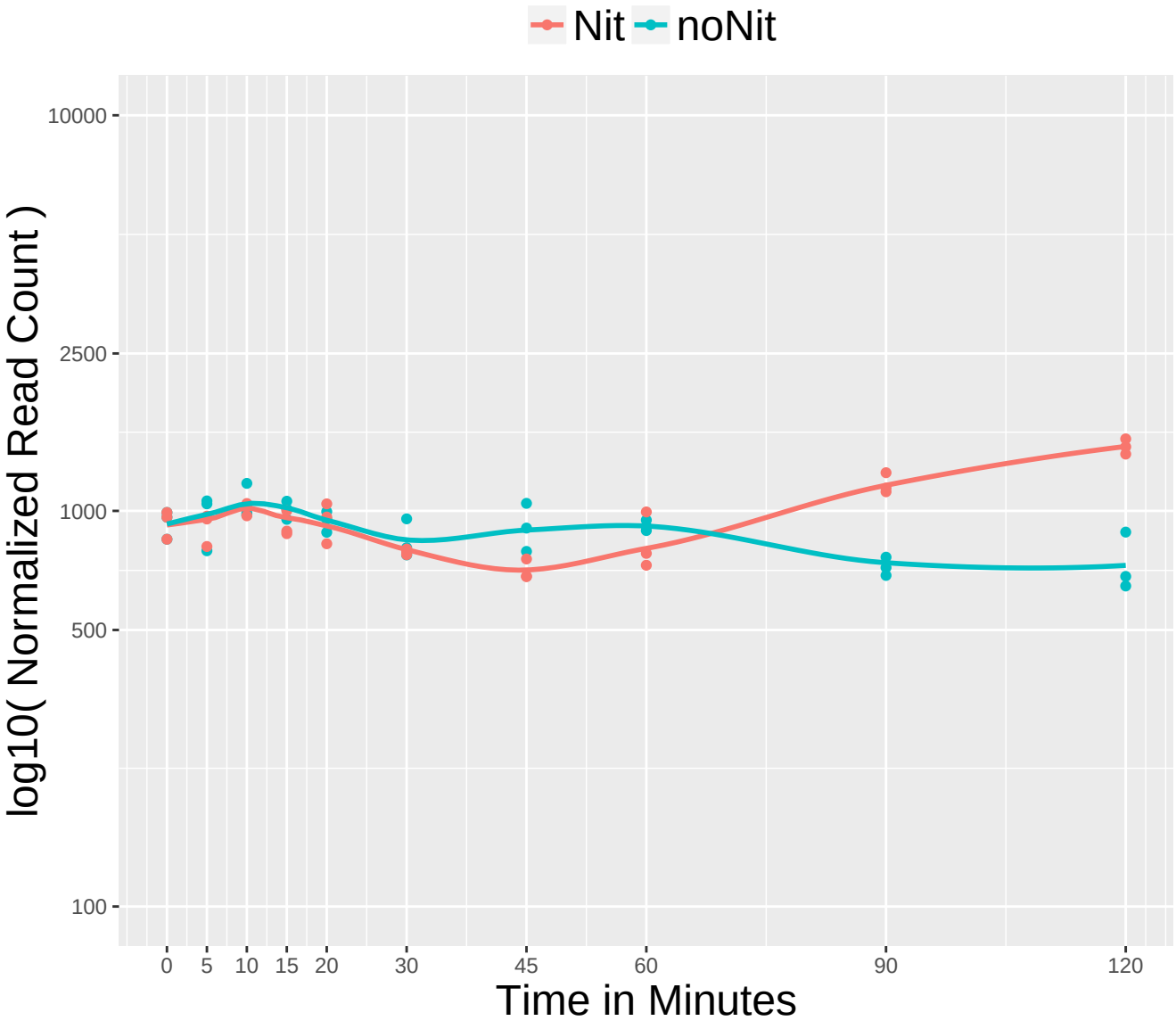
AAE17,acyl−activating



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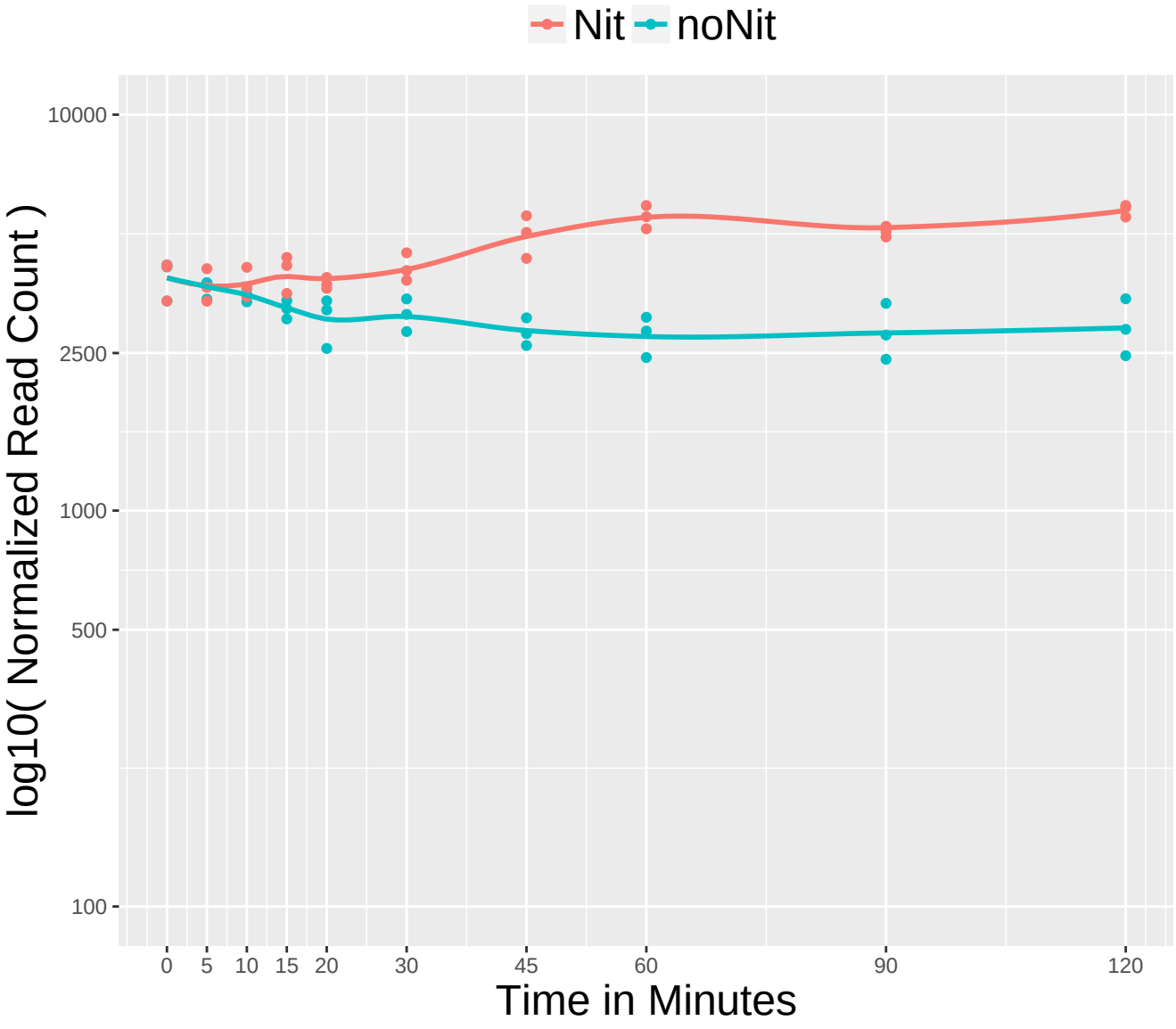
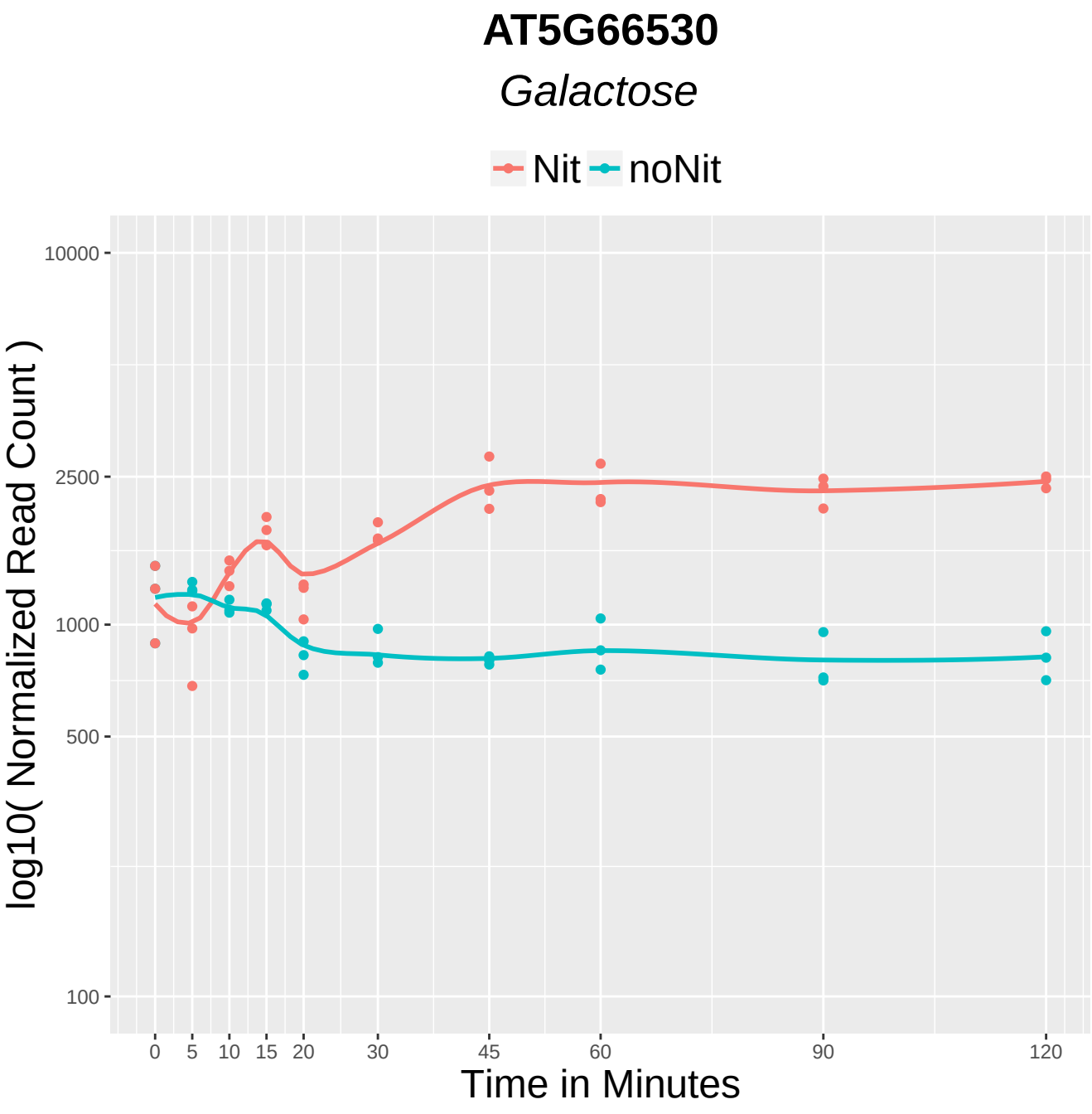
EIF(ISO)4E,EUKARYOTIC

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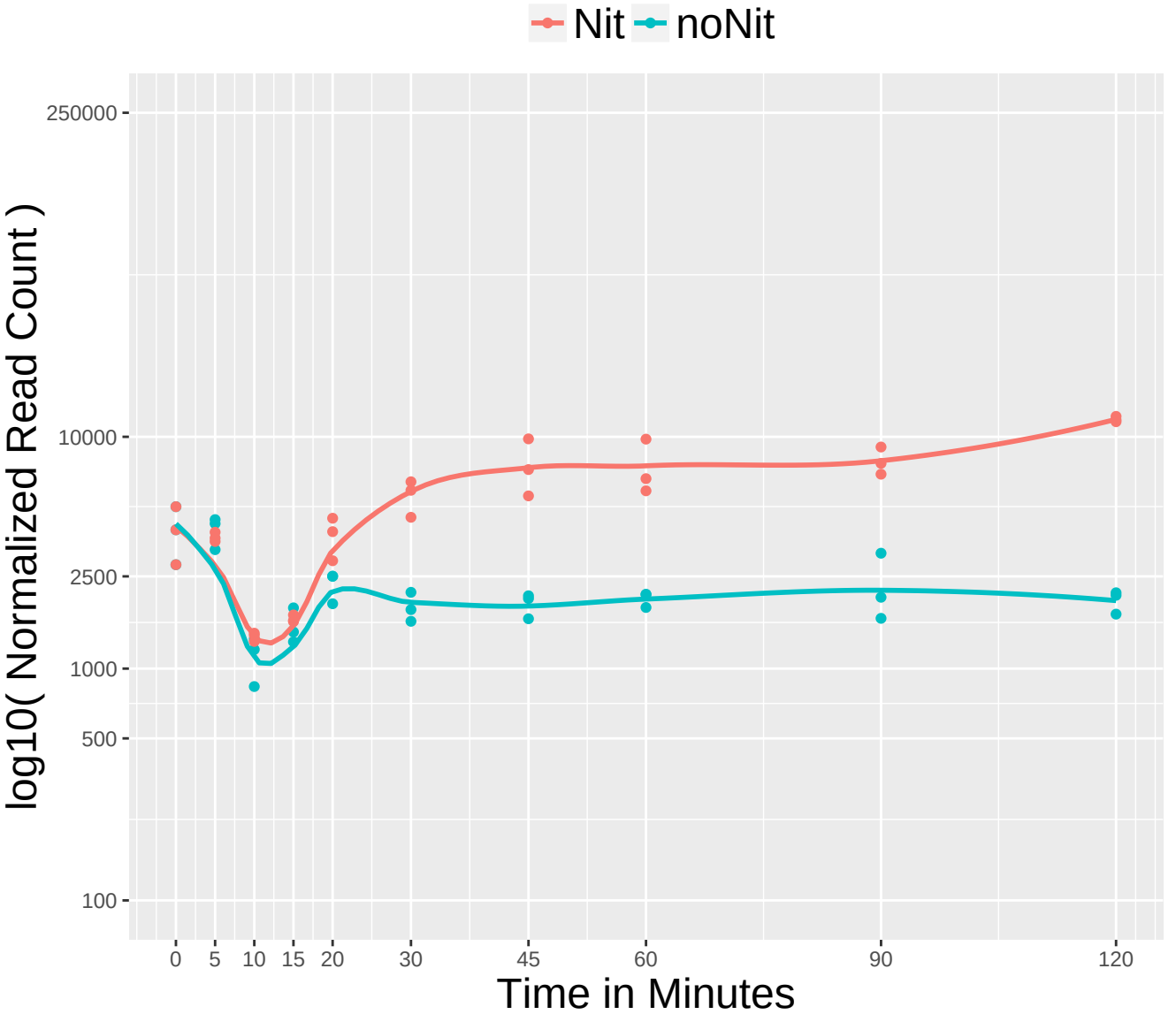
AT1G07610

MT1C,metallothionein



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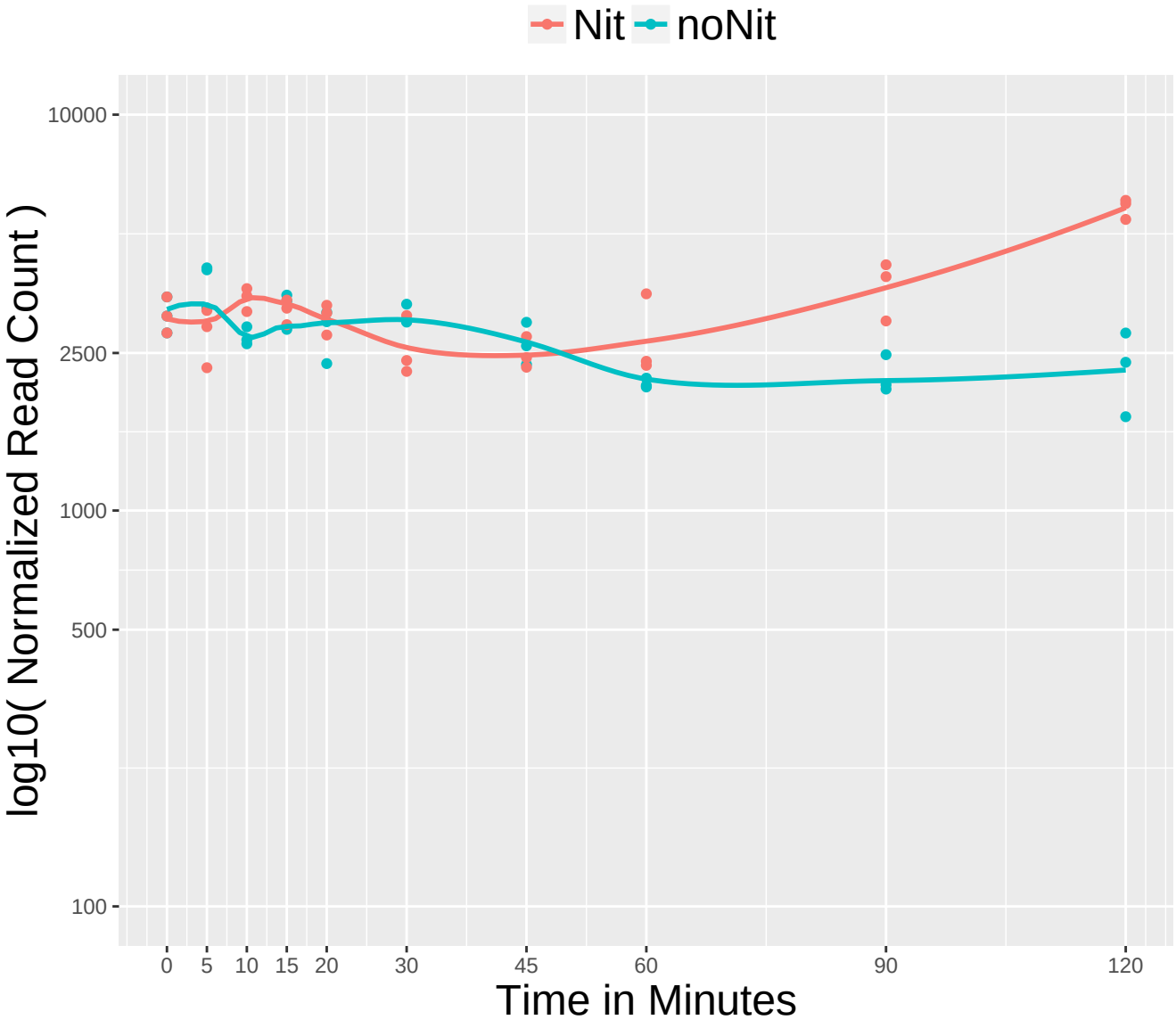
ARR4,response



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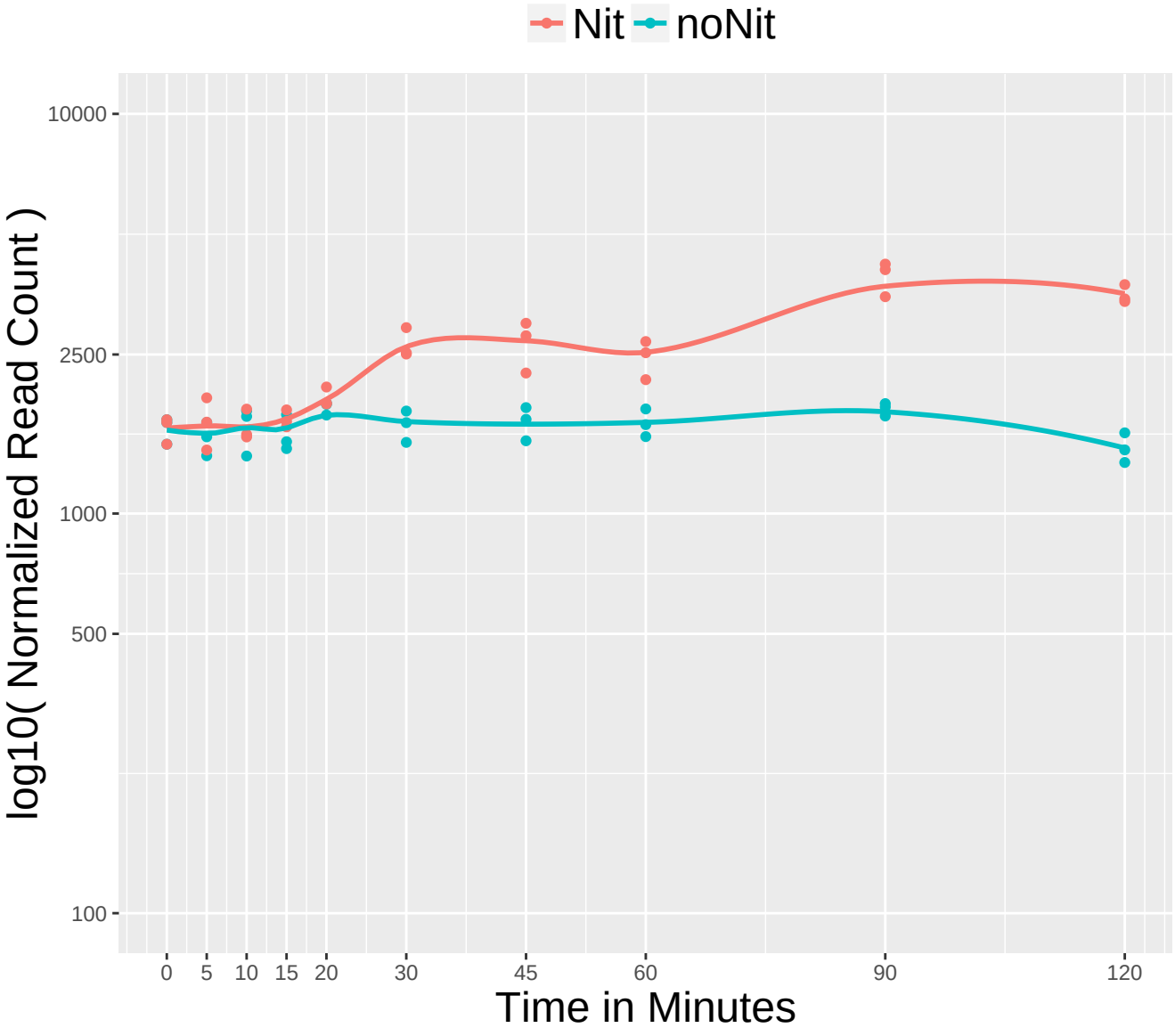
Histone



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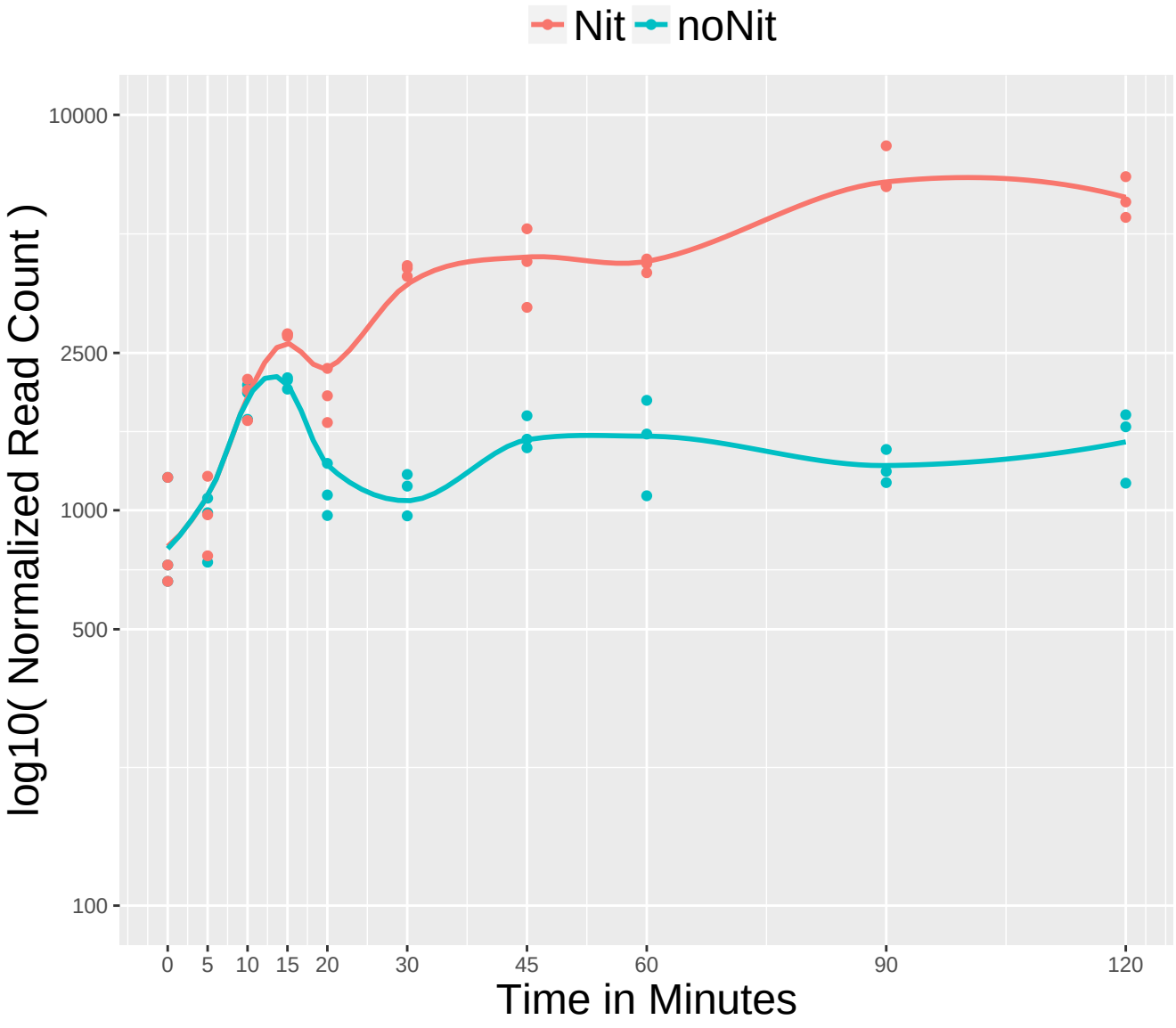
ATTPS9,trehalose−phosphatase/synthase



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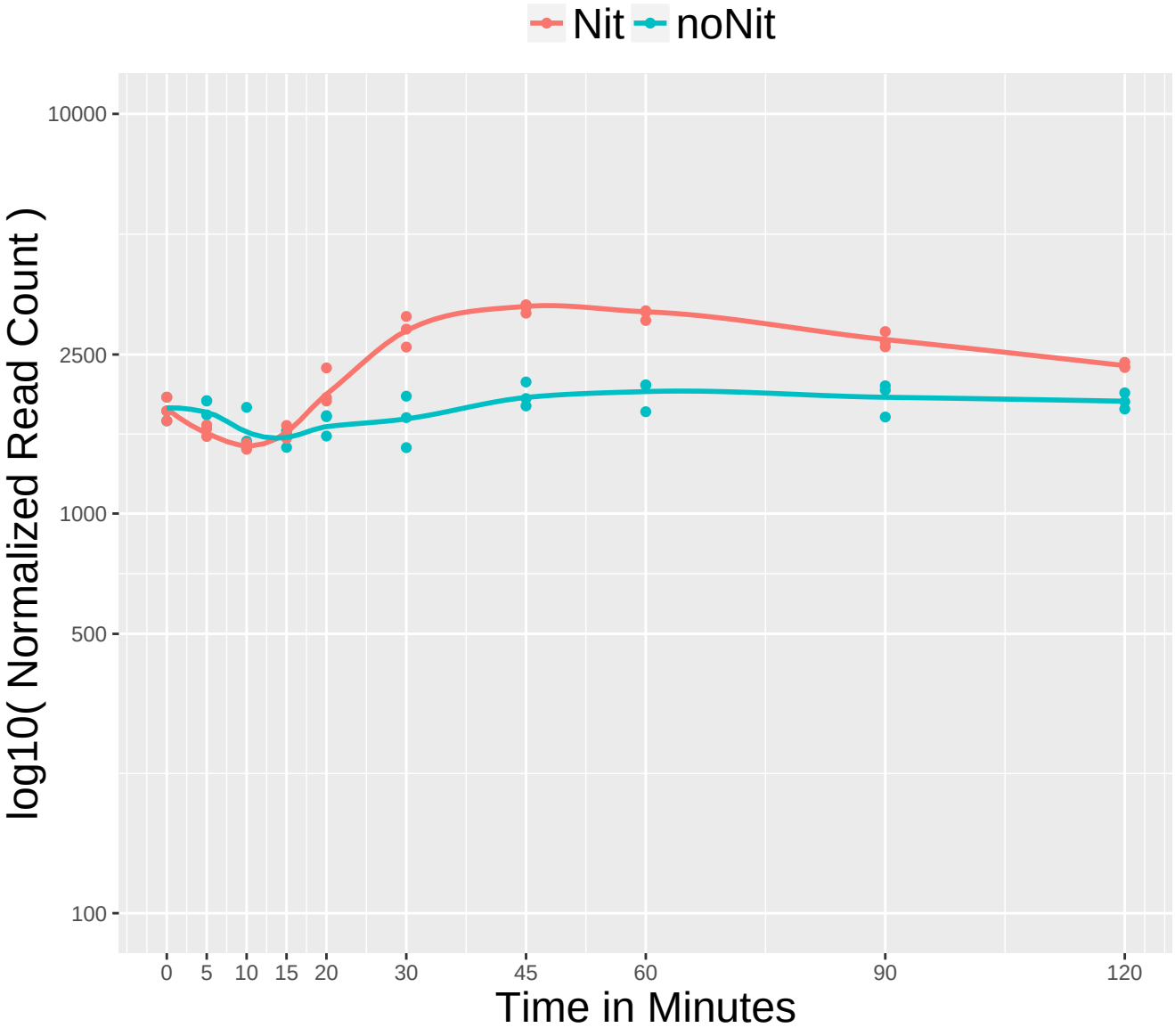
Protein



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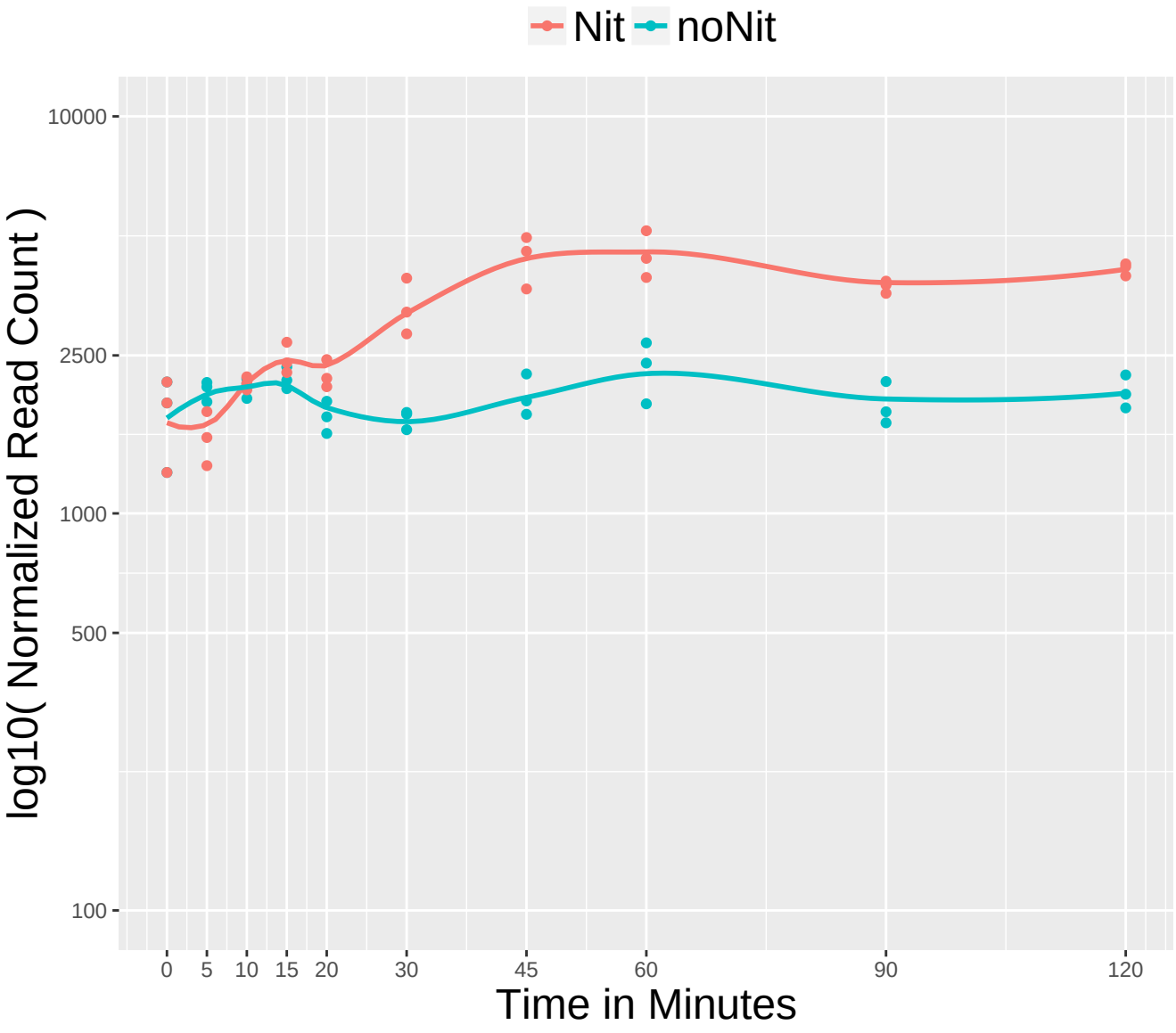
ATATP−PRT1,ATP



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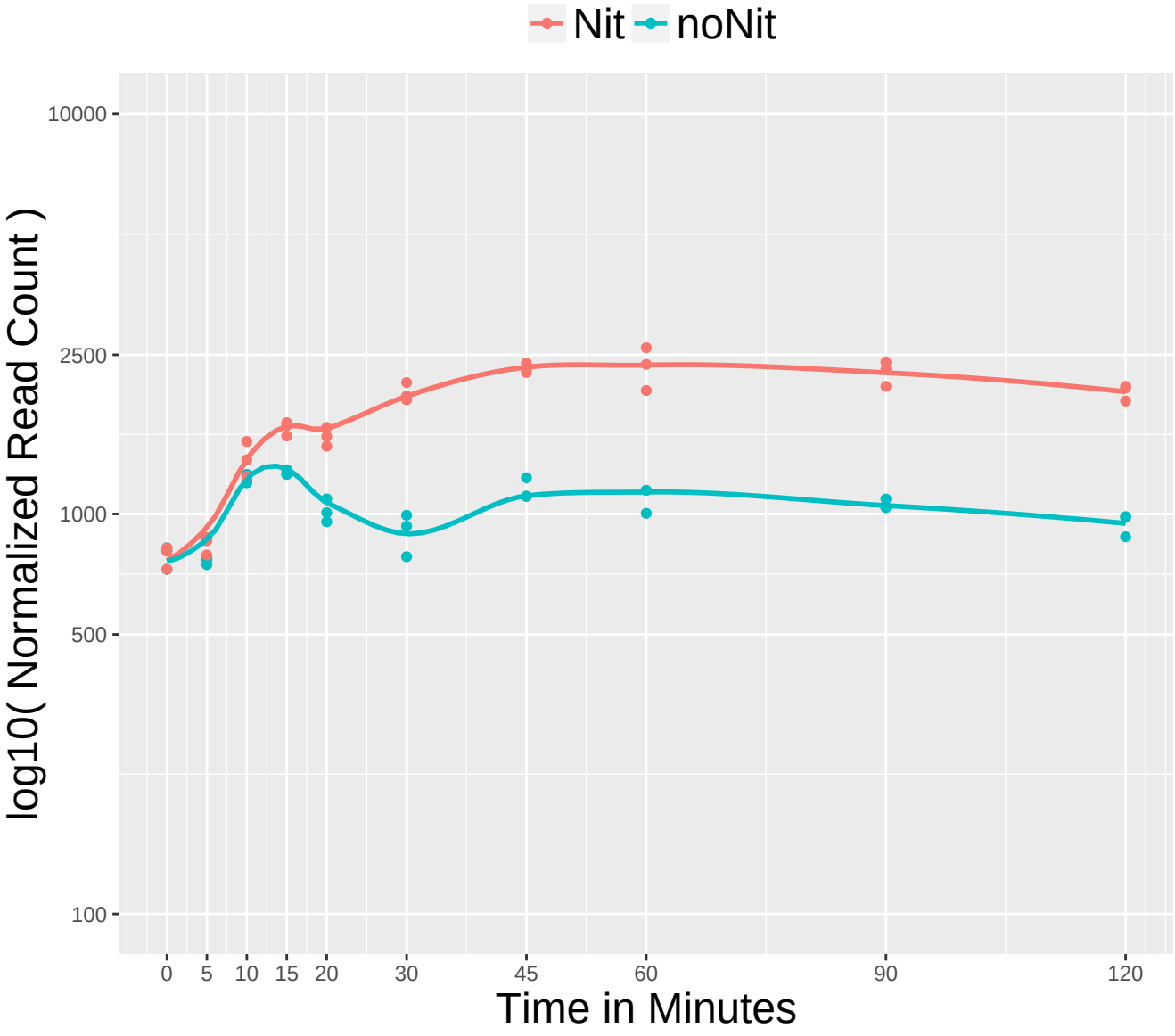

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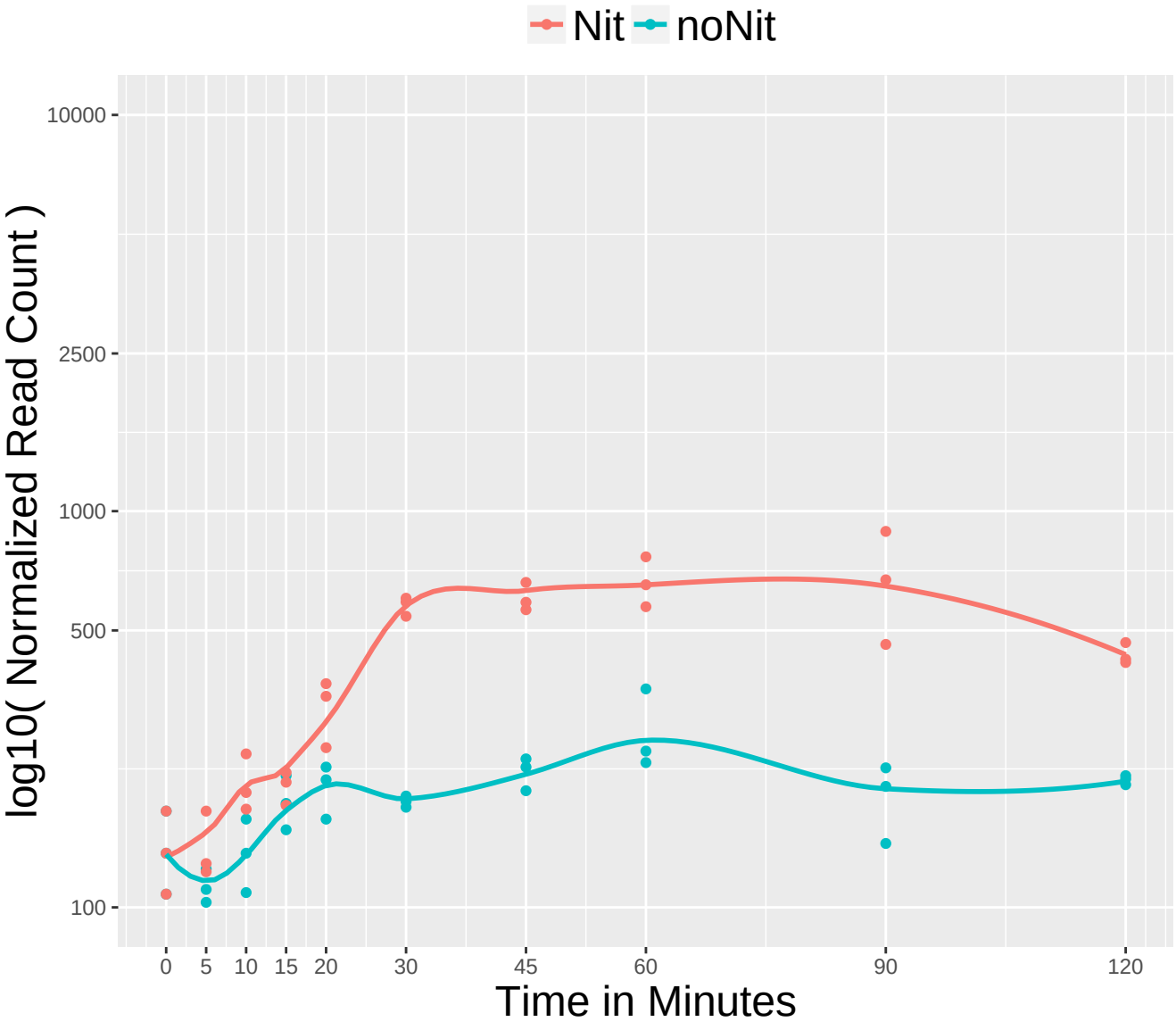
Major



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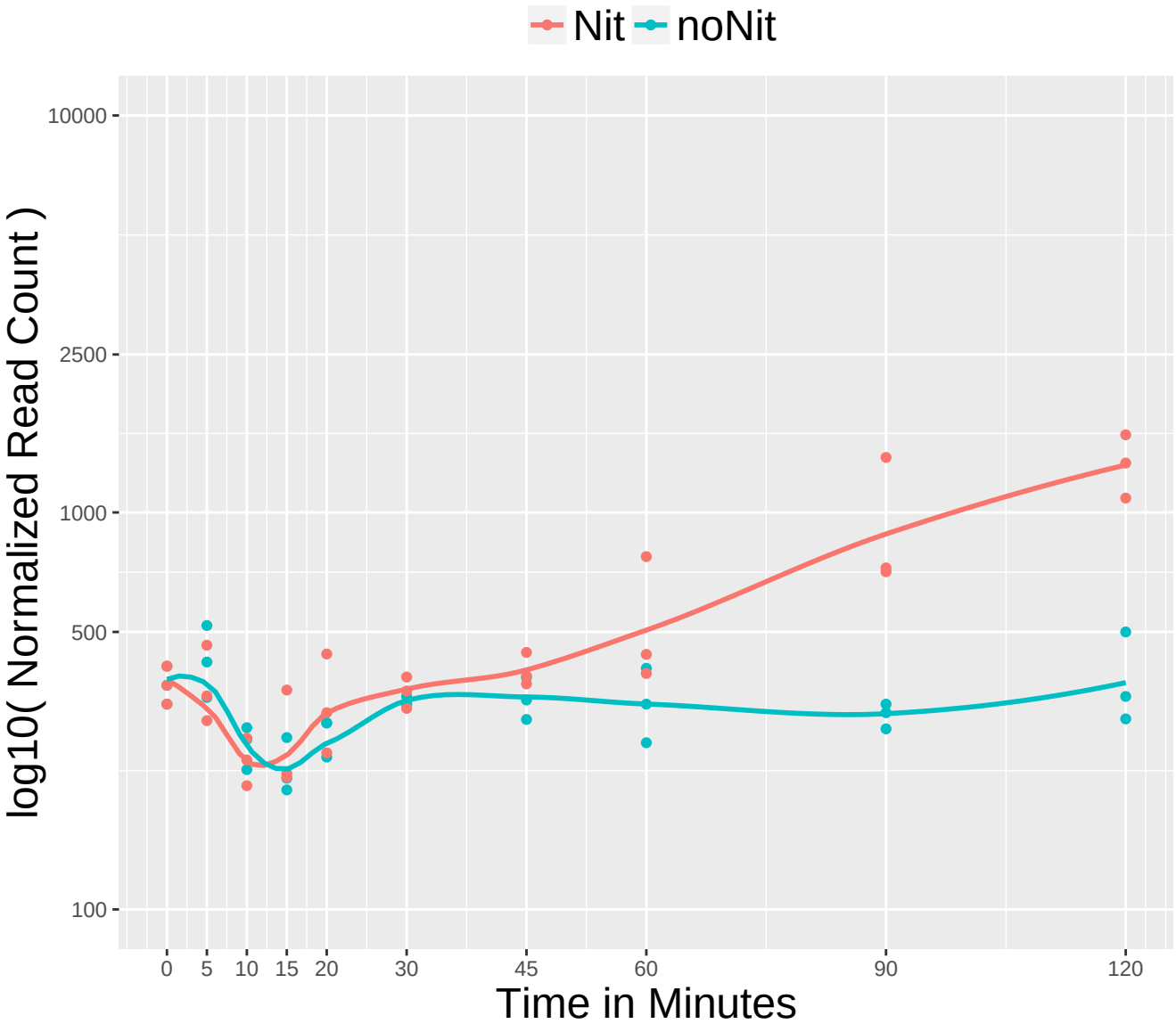
BCE2,,DIN3,DARK



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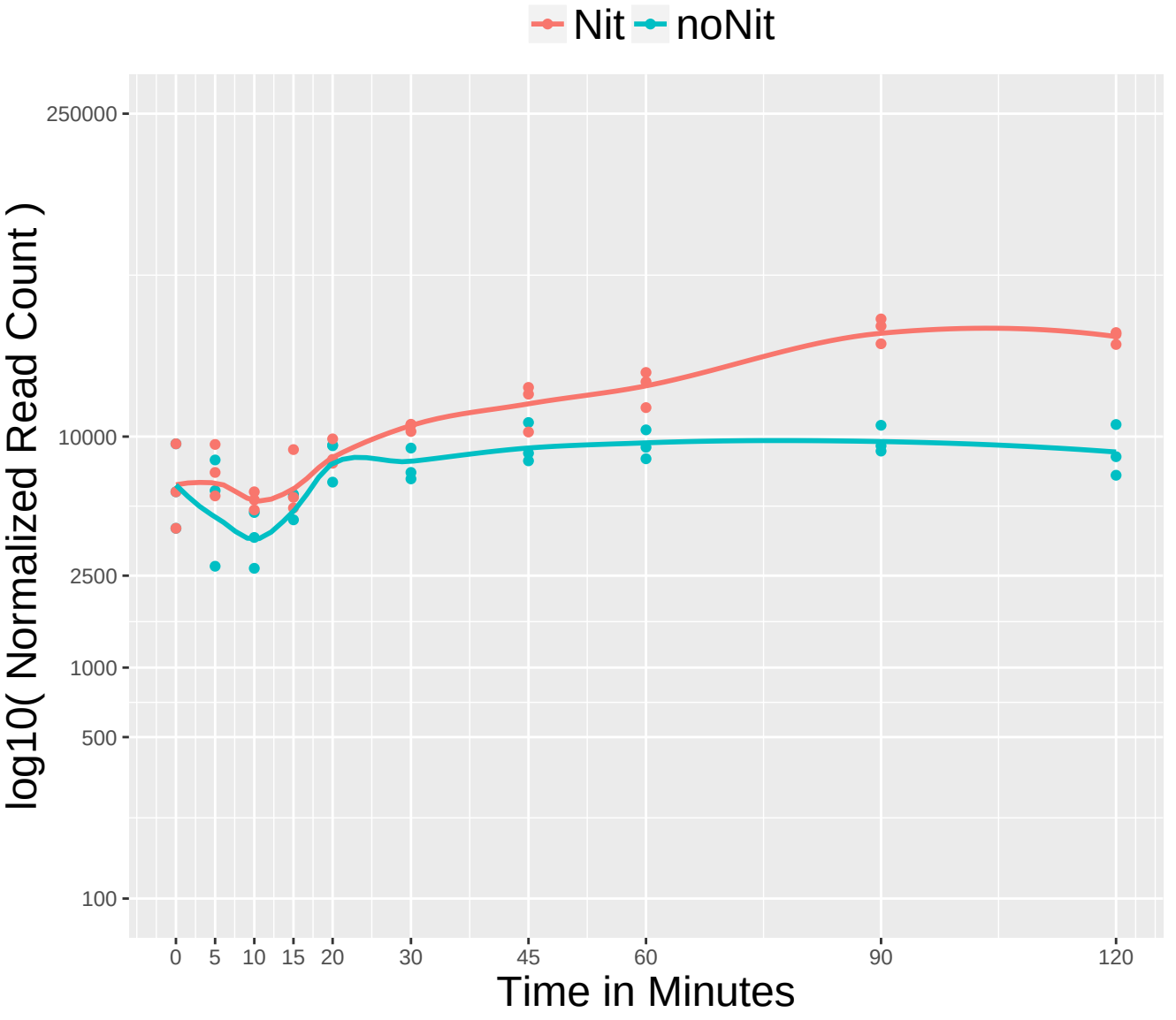
UGT76B1,UDP−dependent



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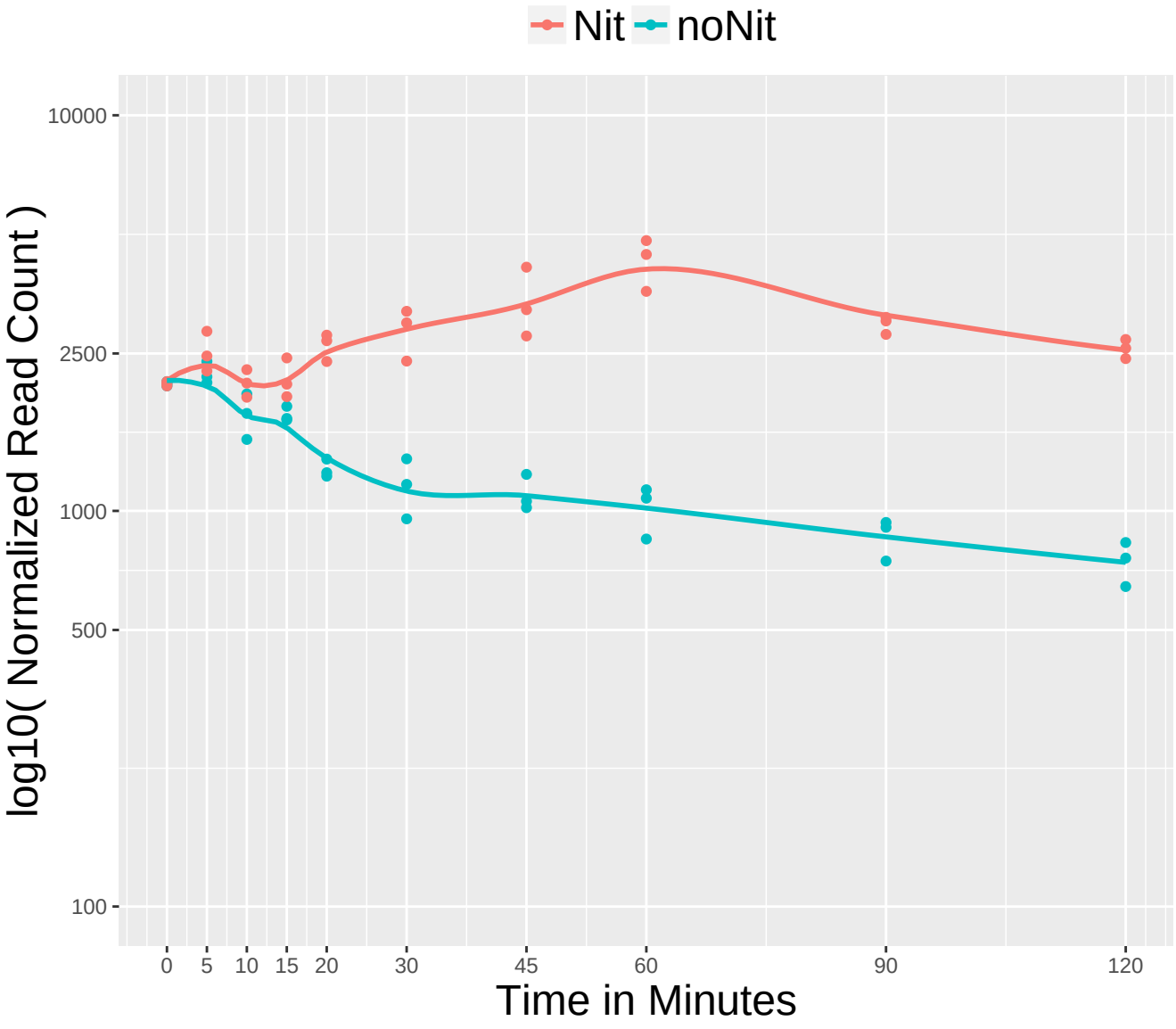
HYH,HY5−homolog



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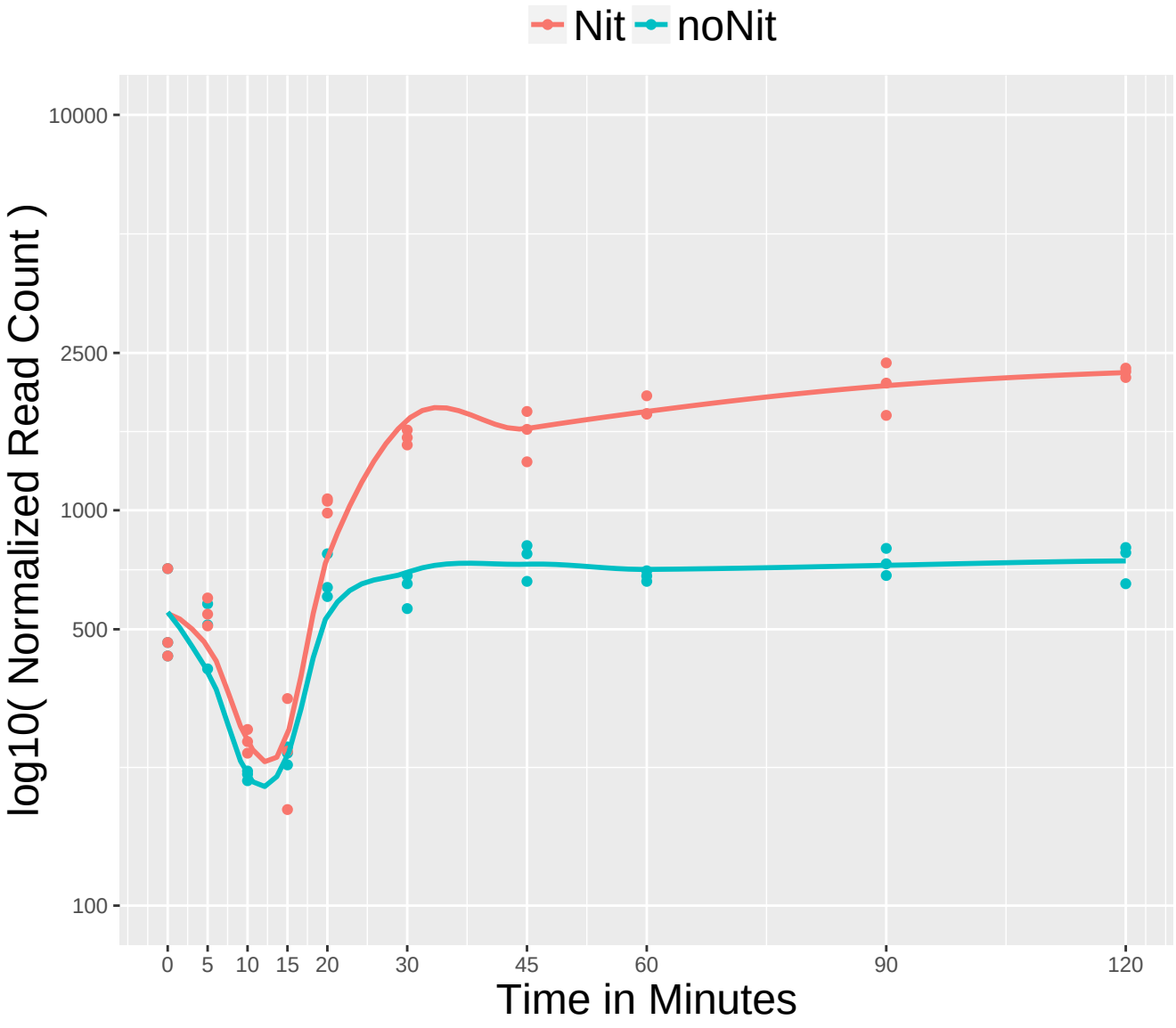
CRF11,cytokinin



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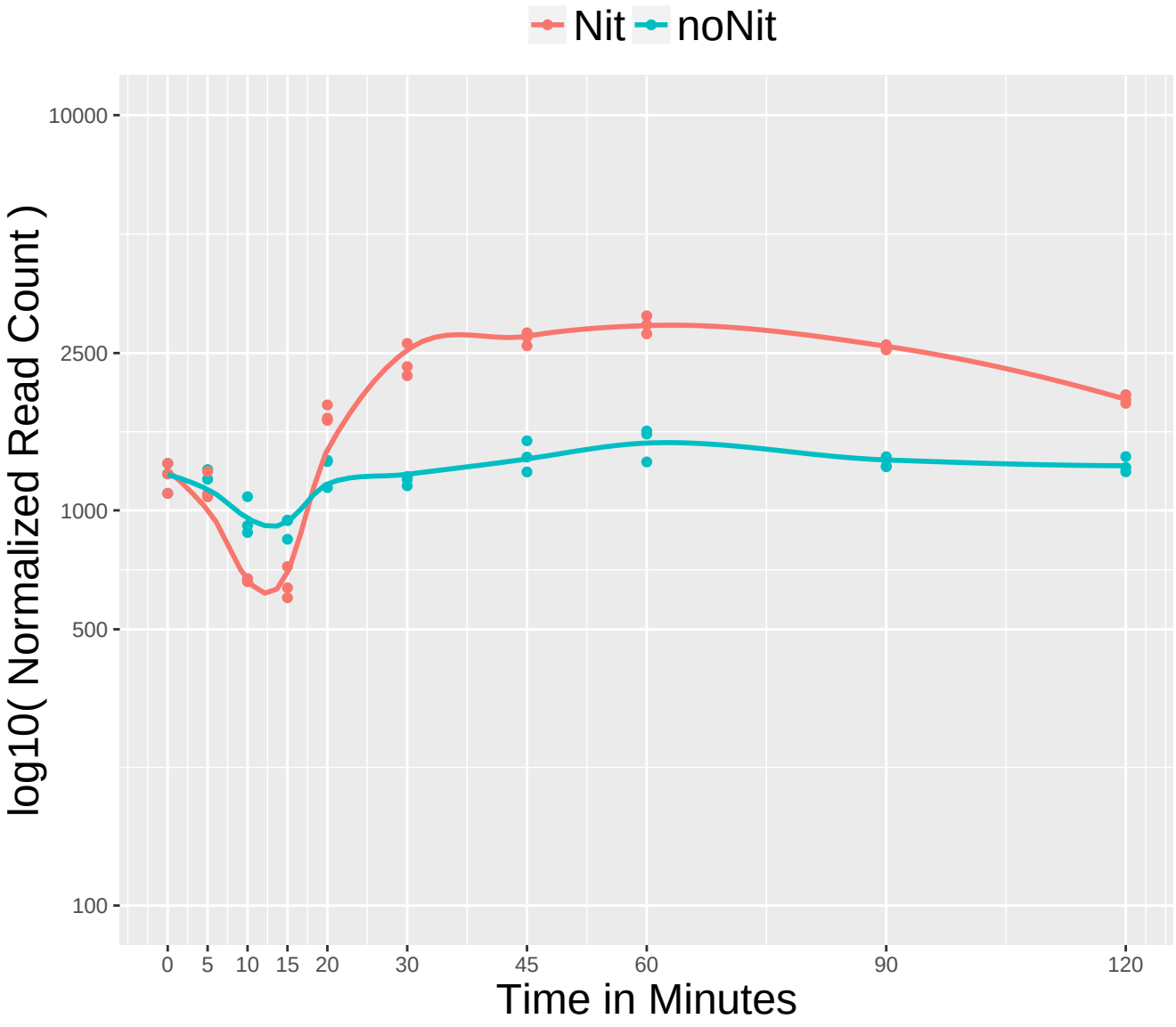

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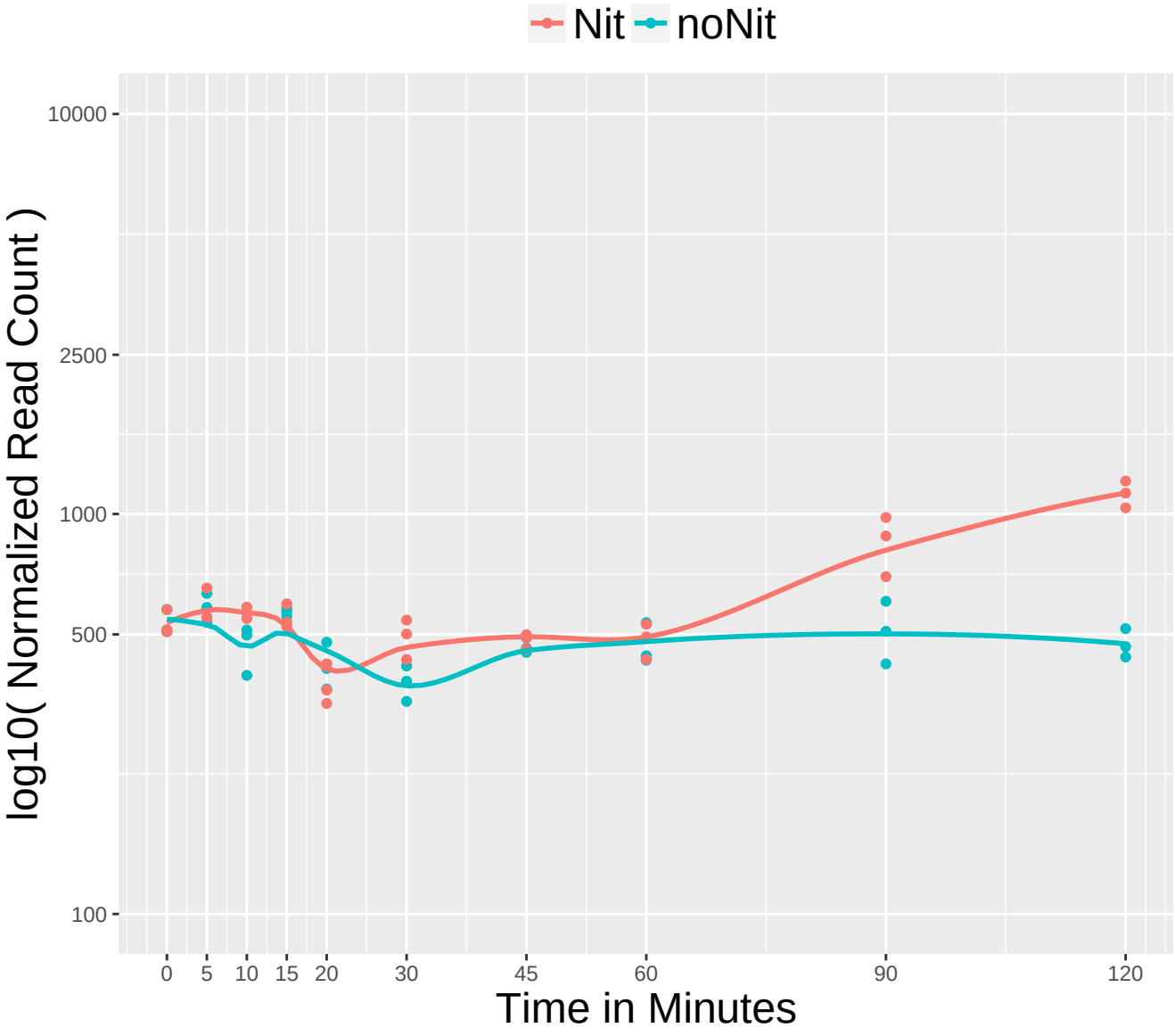

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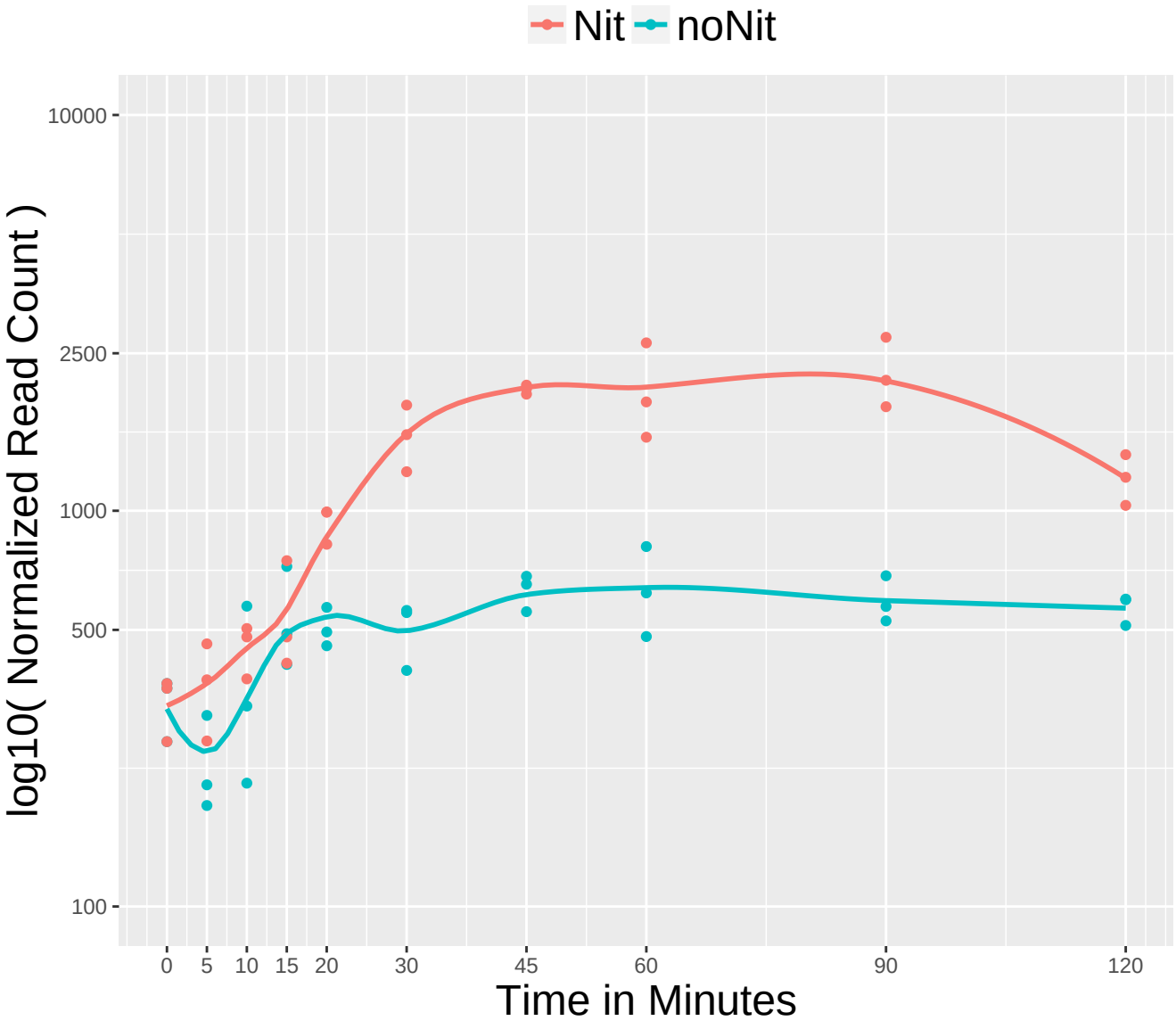
TAR2,tryptophan



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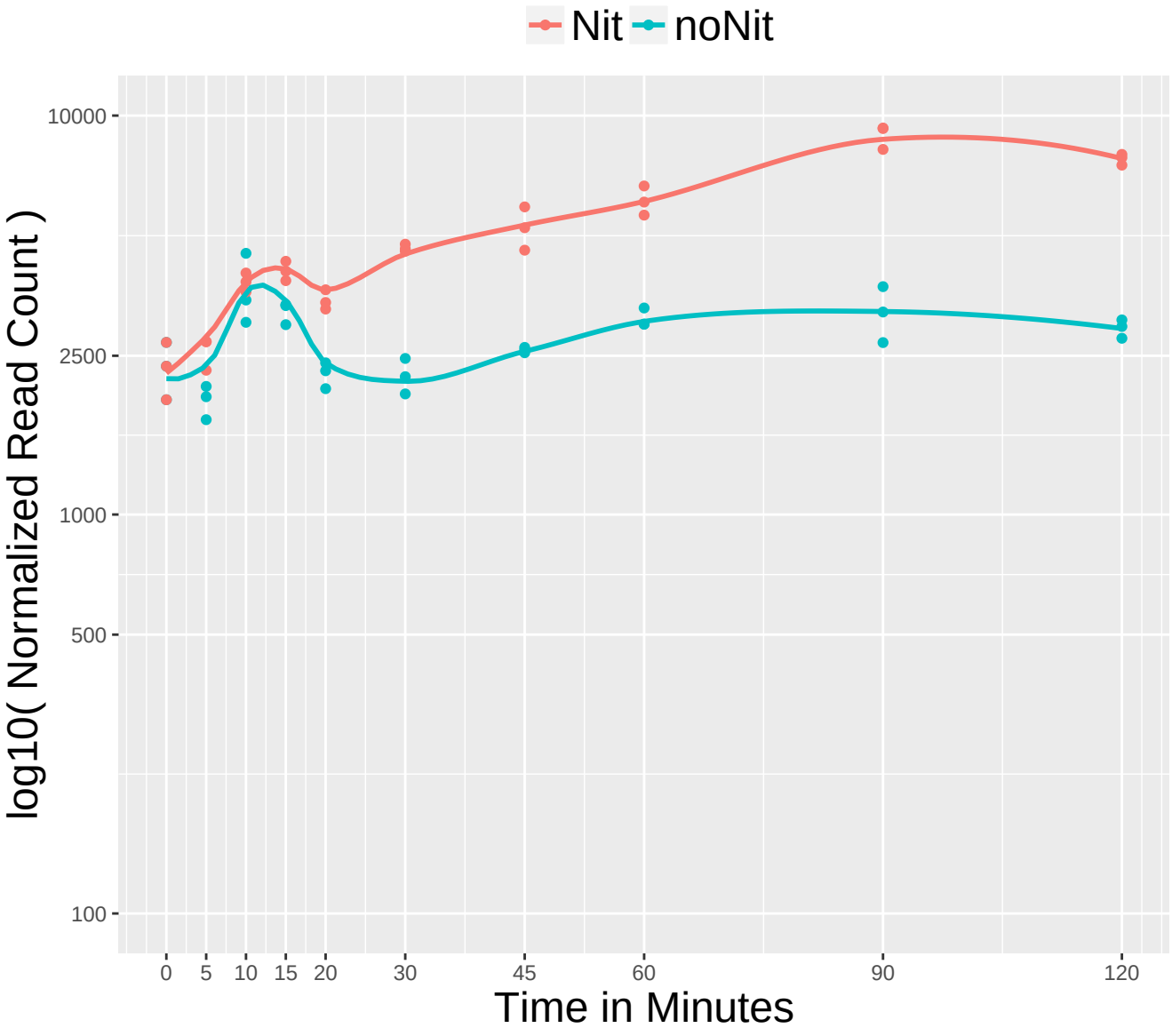
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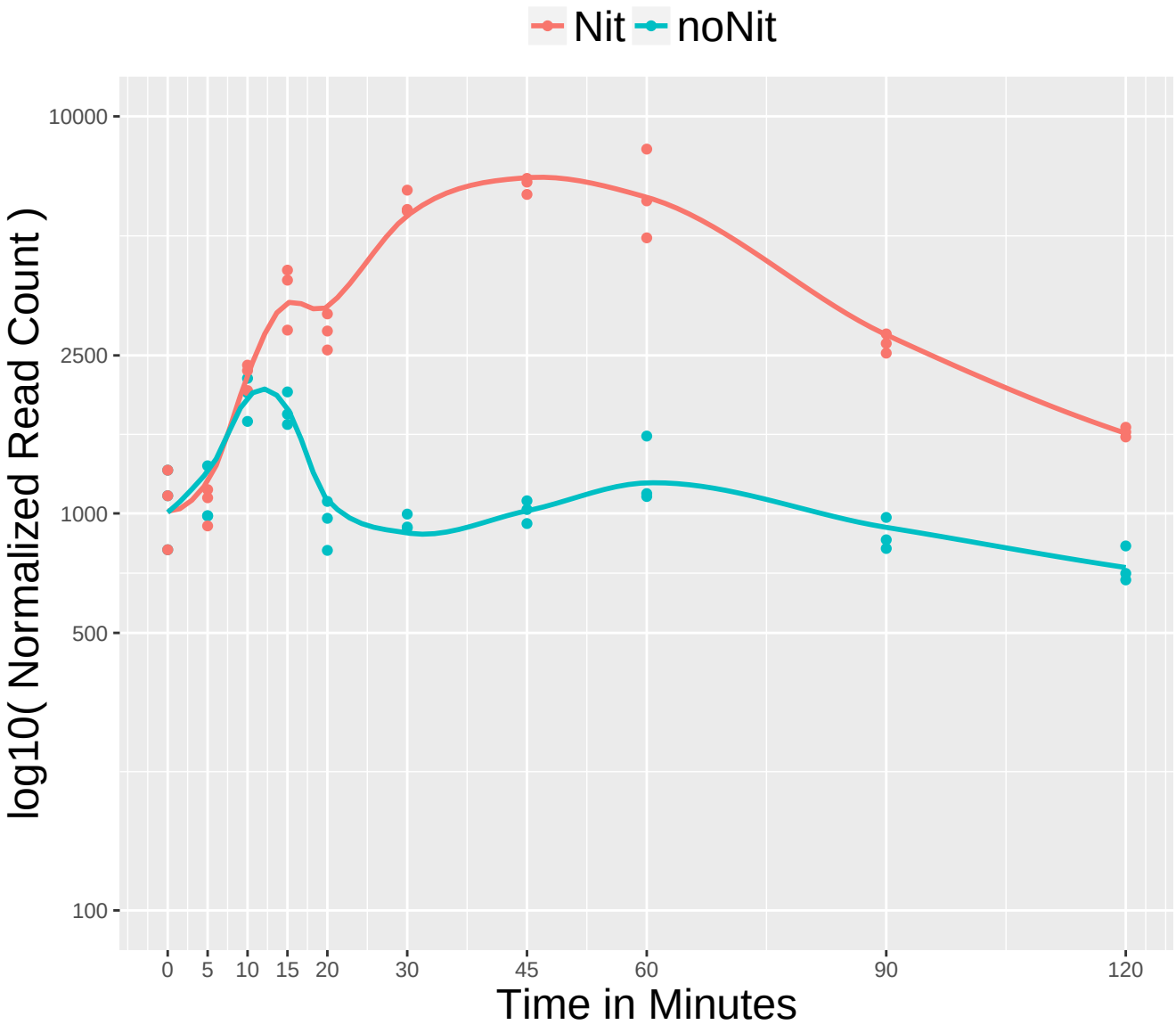
ATBRXL4,BREVIS



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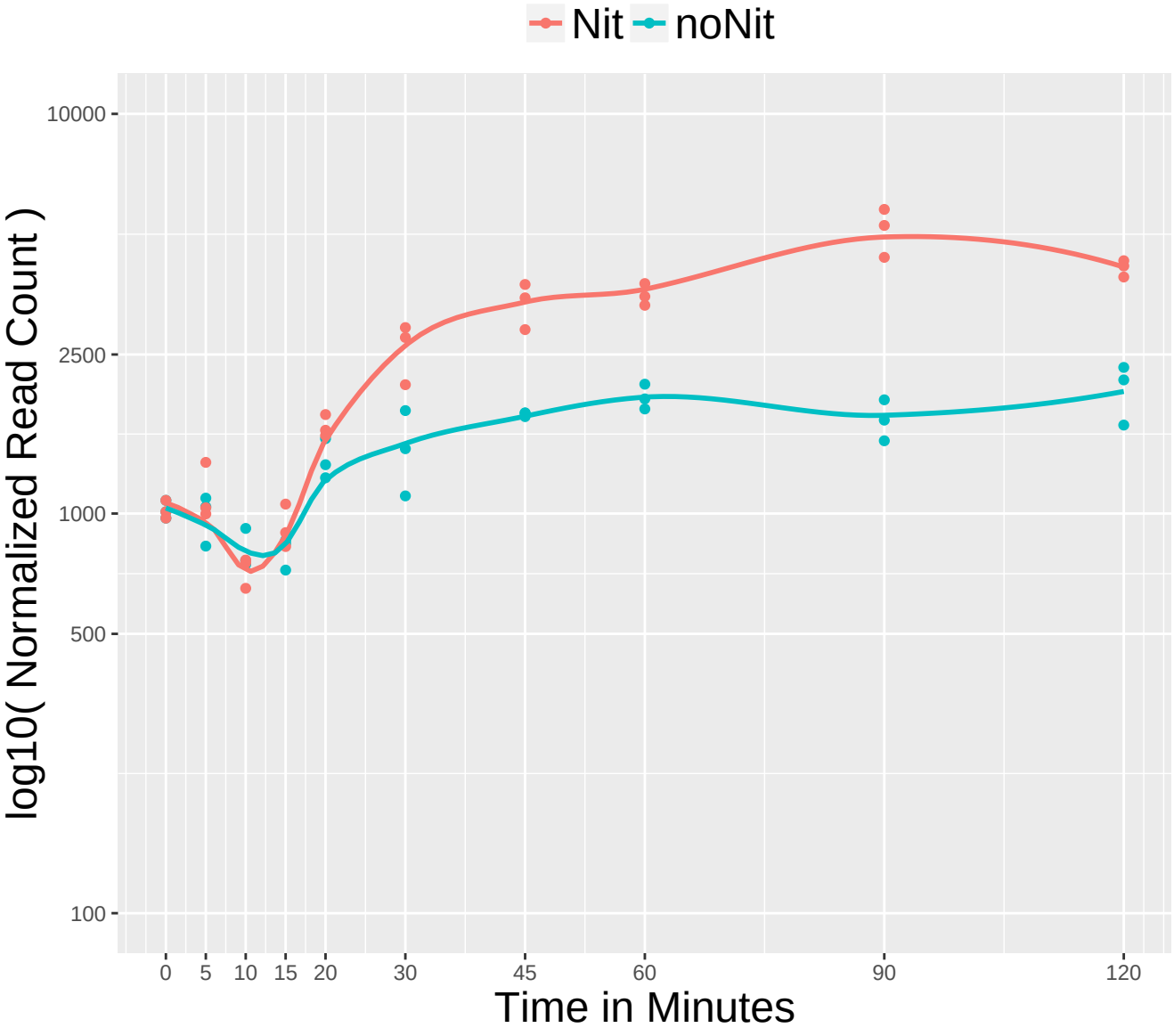
TLD−domain



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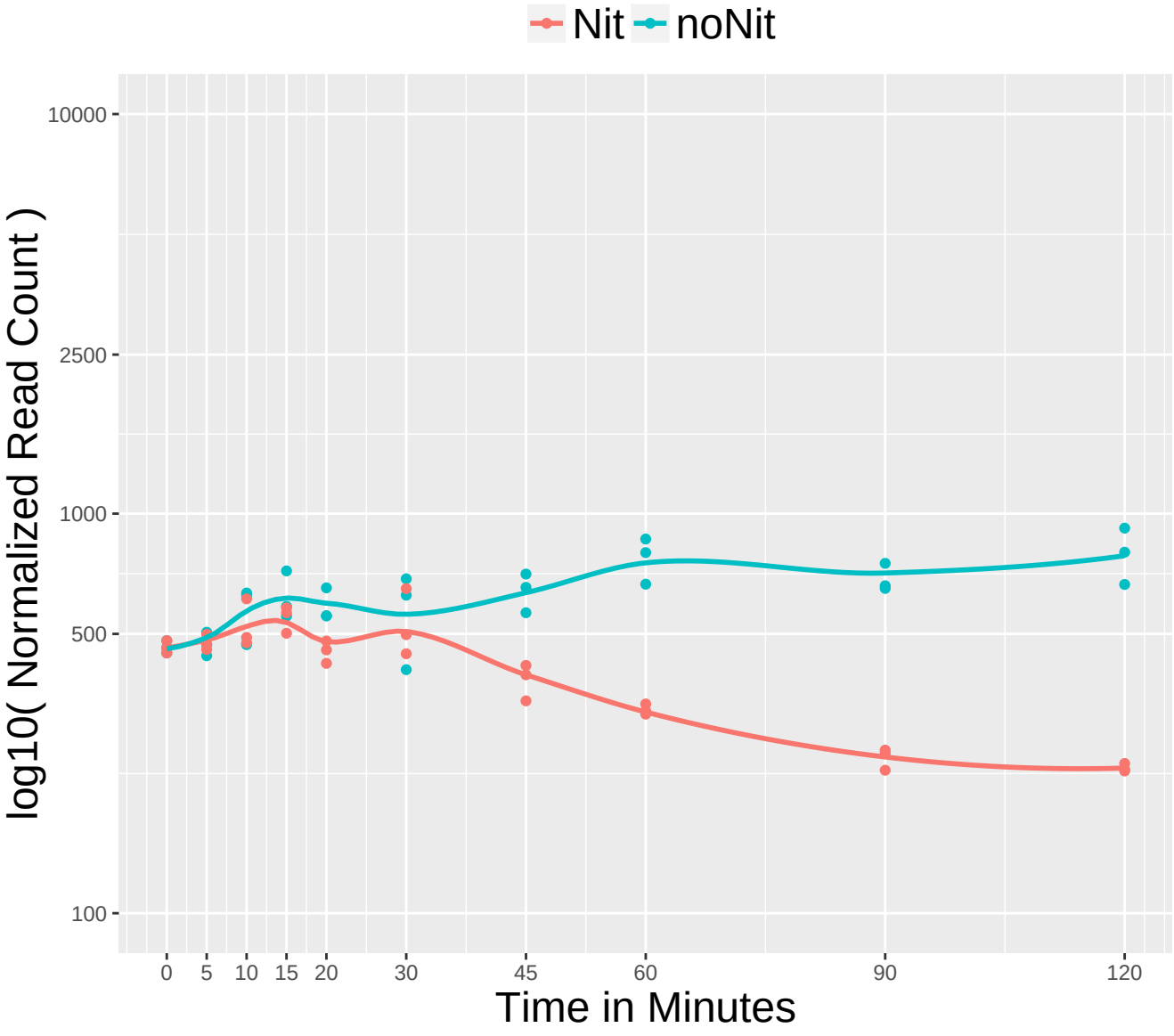
Thioesterase/thiol



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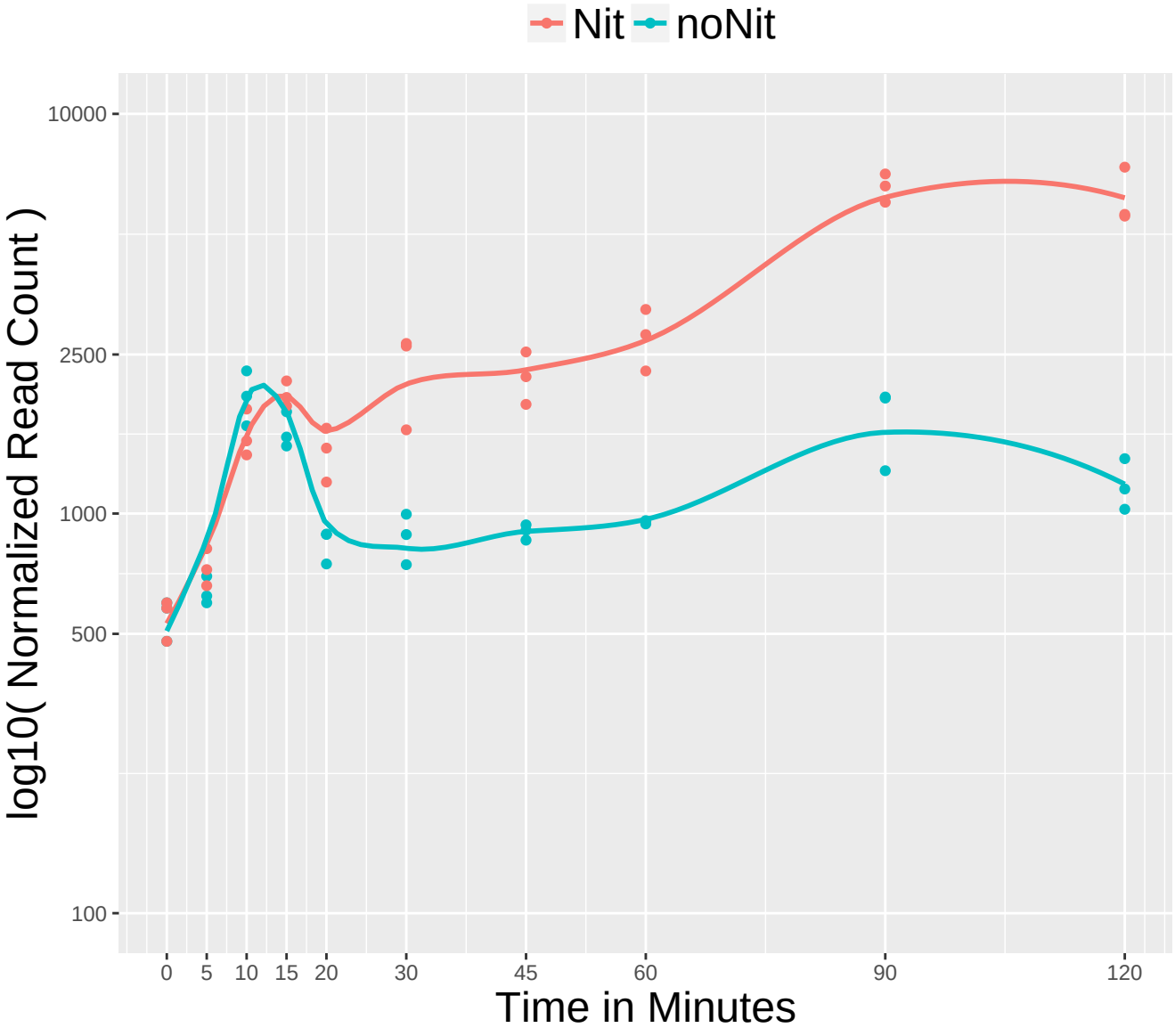
Protein



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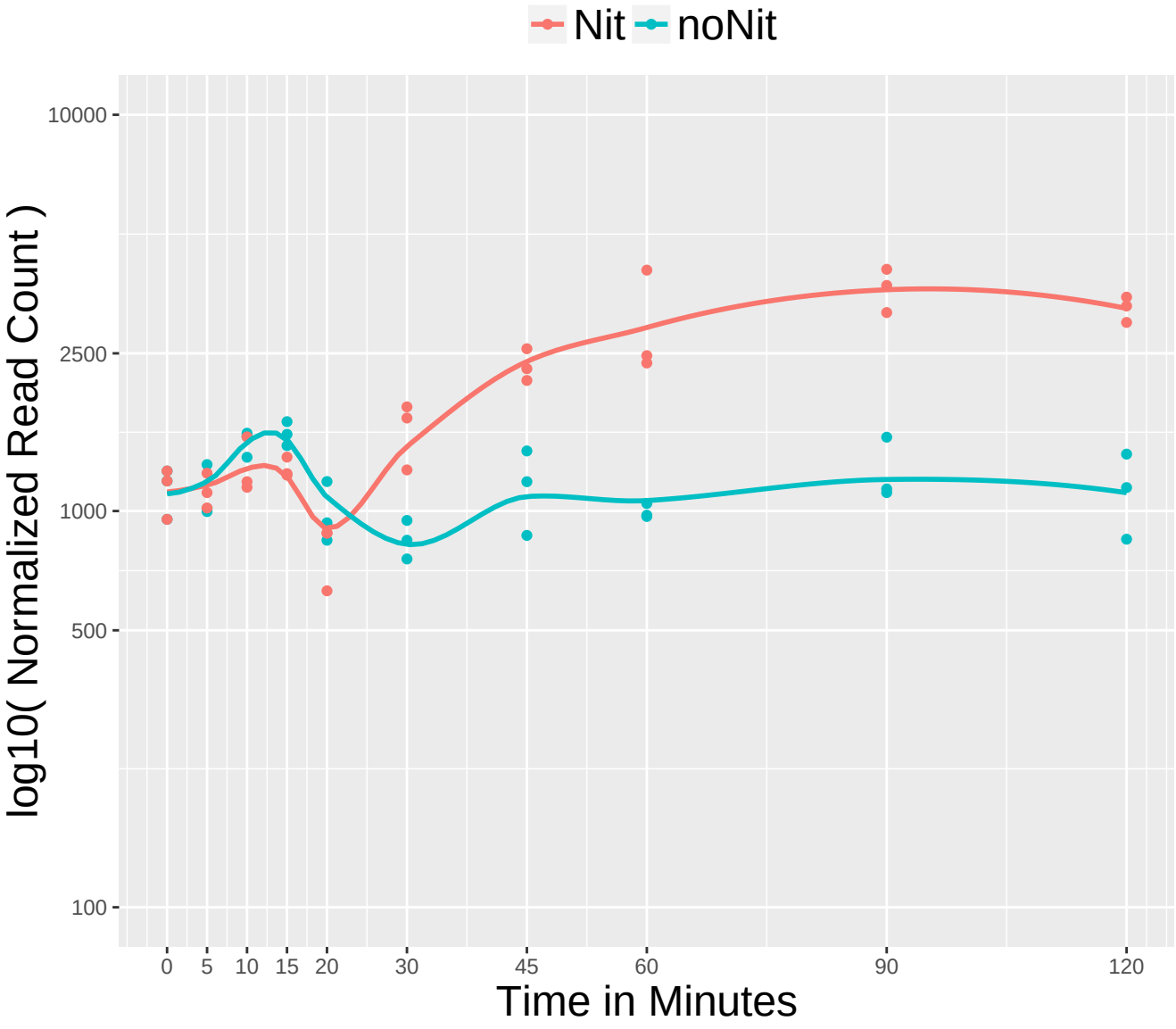
Tetratricopeptide



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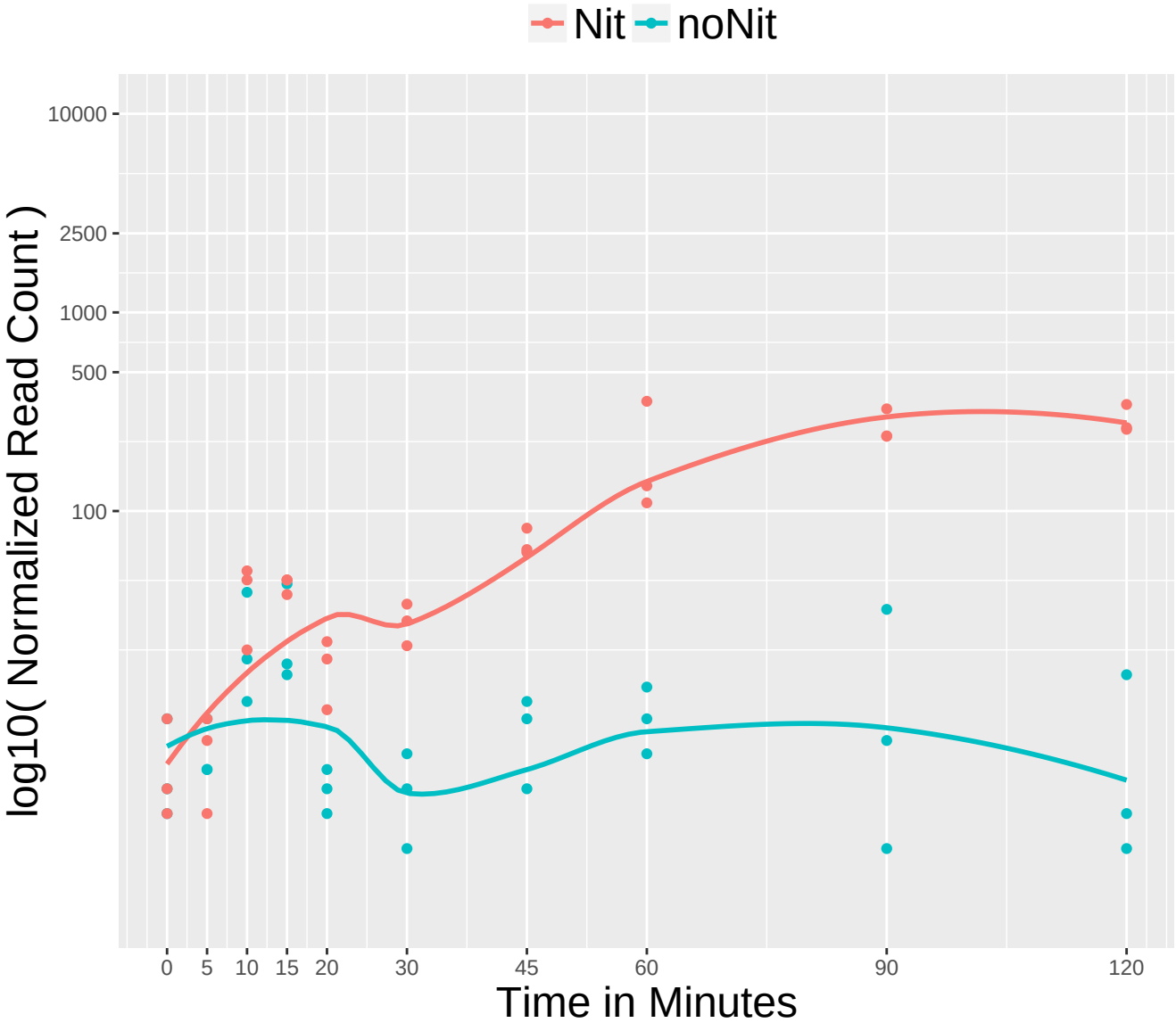
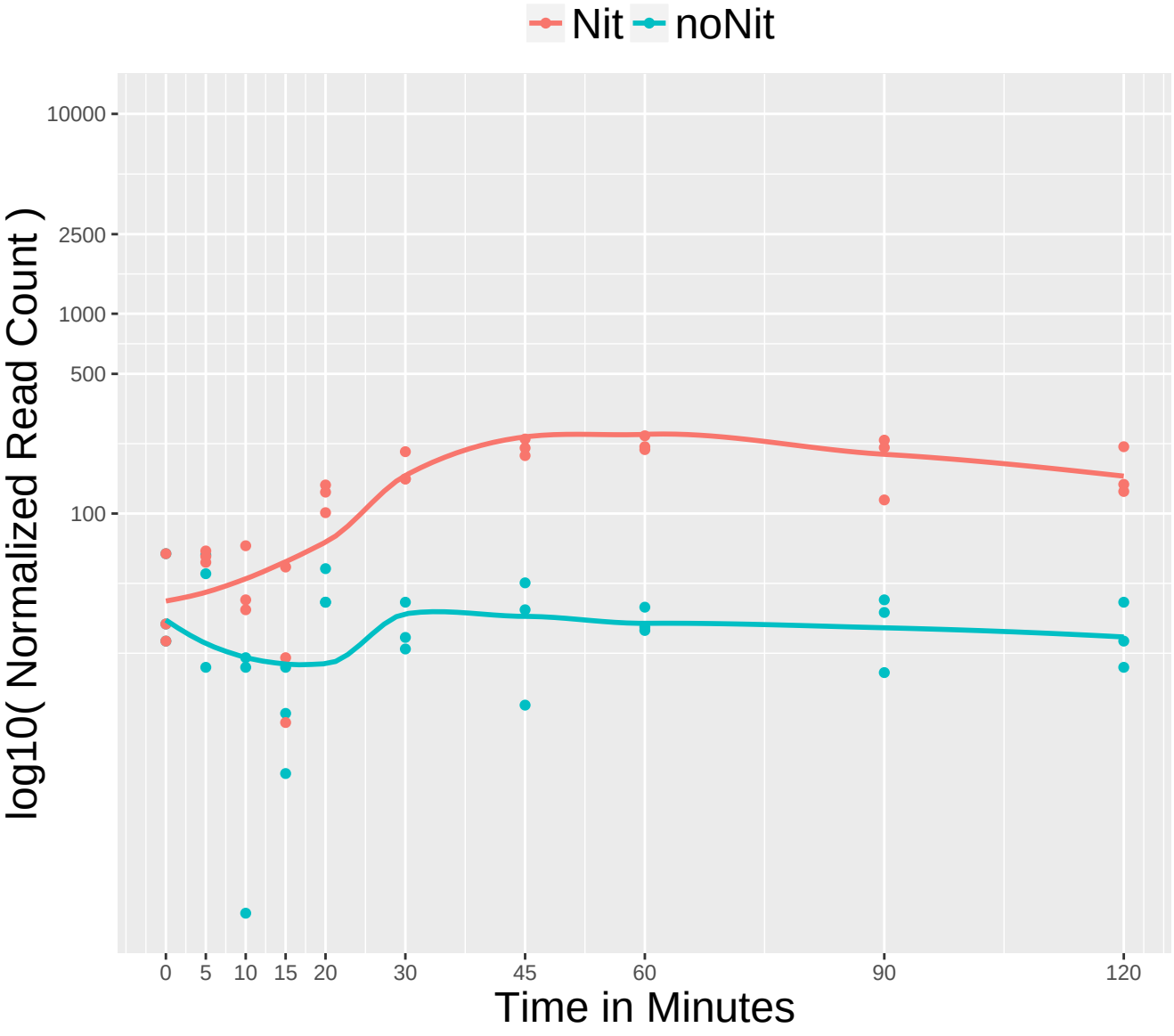
CLE3,CLAVATA3/ESR−RELATED



AT1G13448

other



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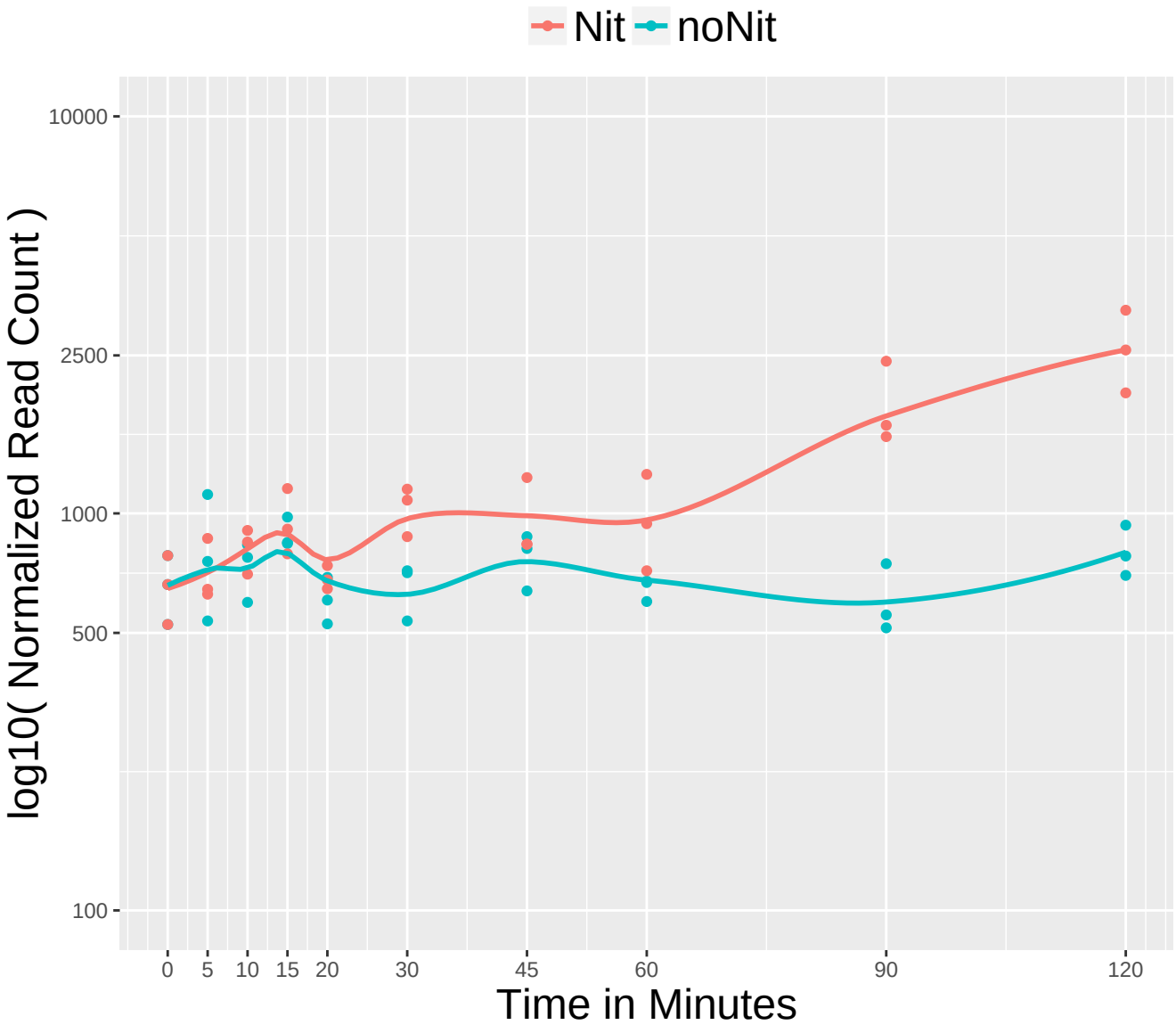
ATTPS11,trehalose



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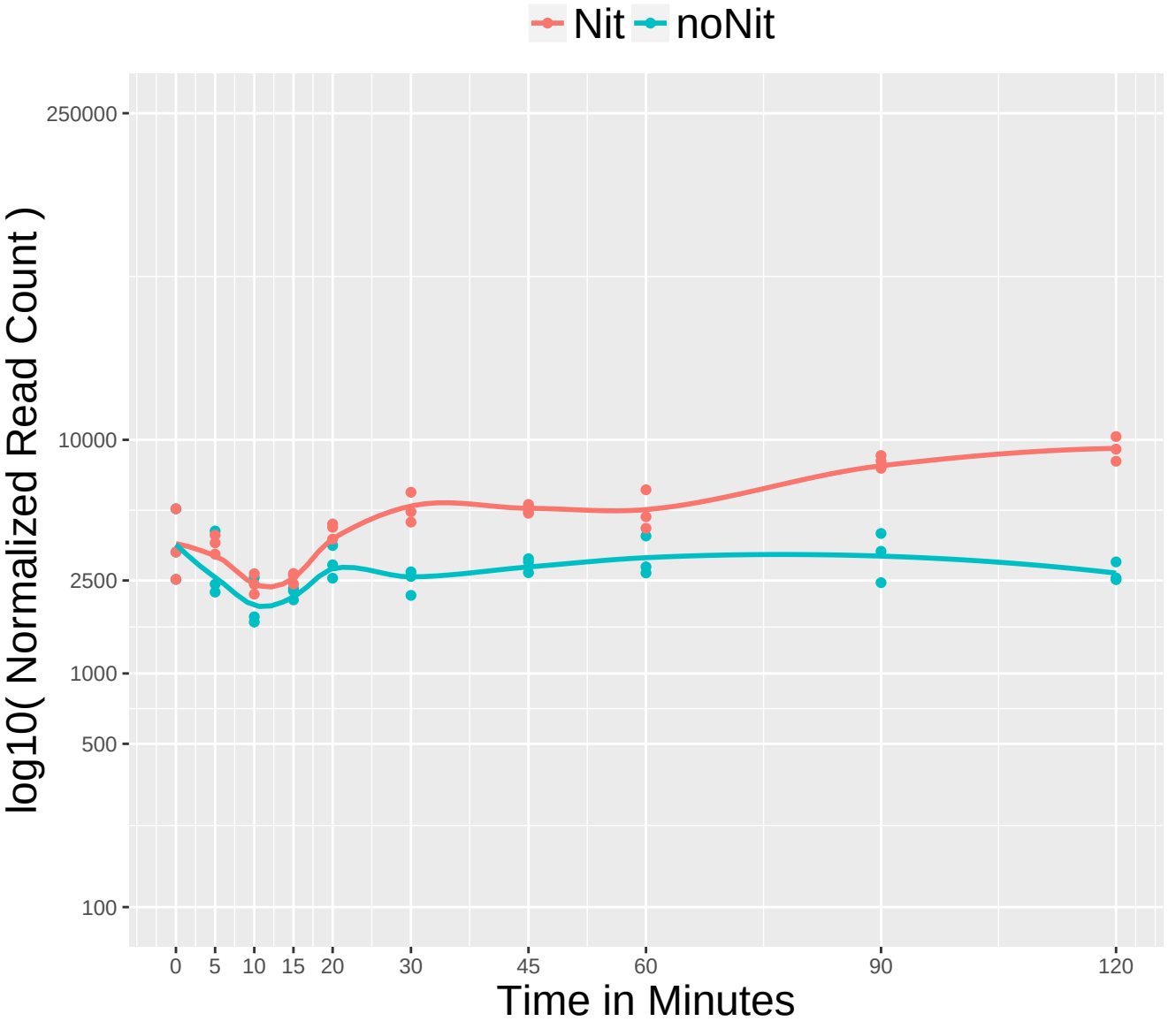
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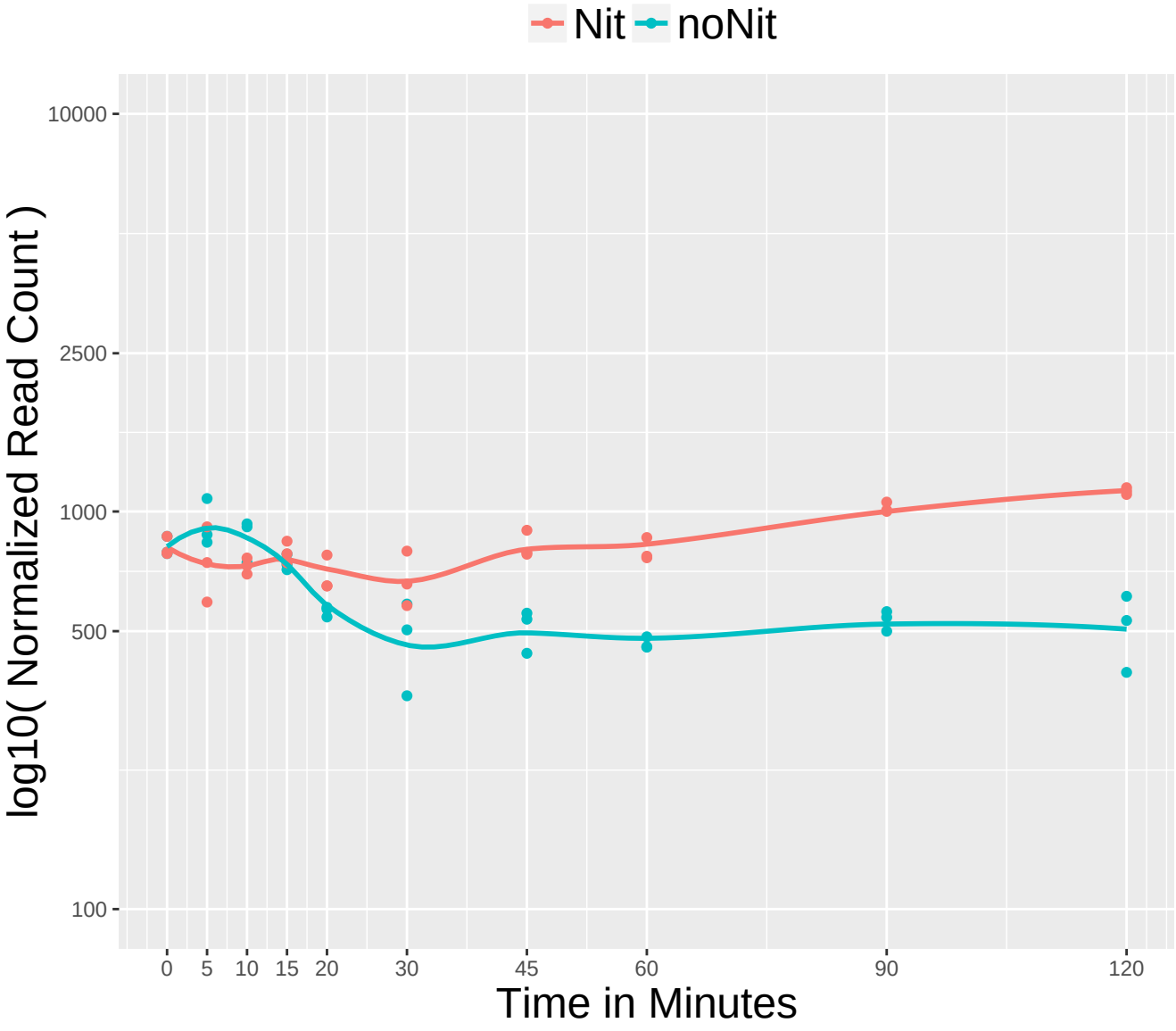
AT2G45770

CPFTSY,,FRD4,FERRIC



AT3G05290

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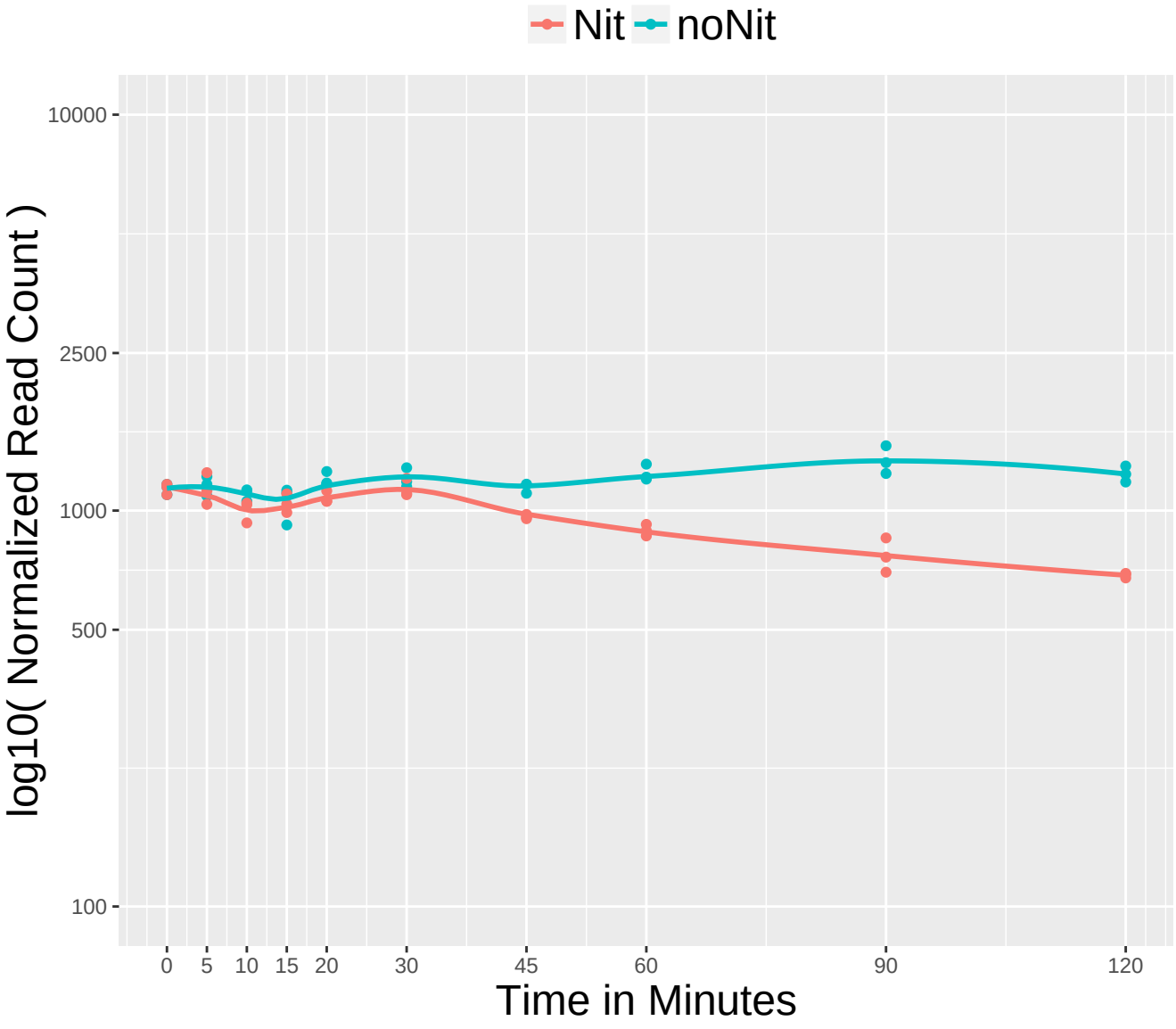

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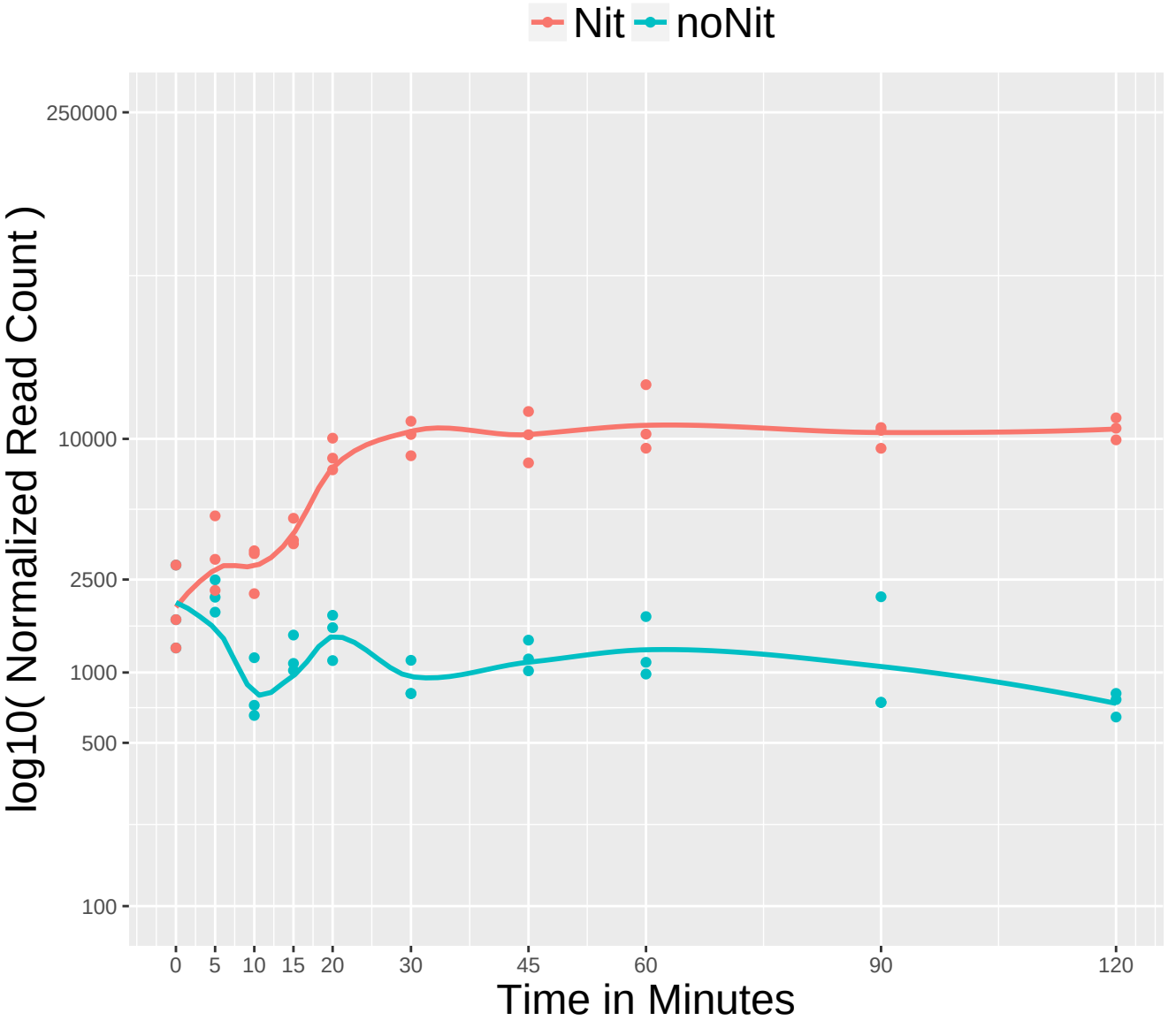
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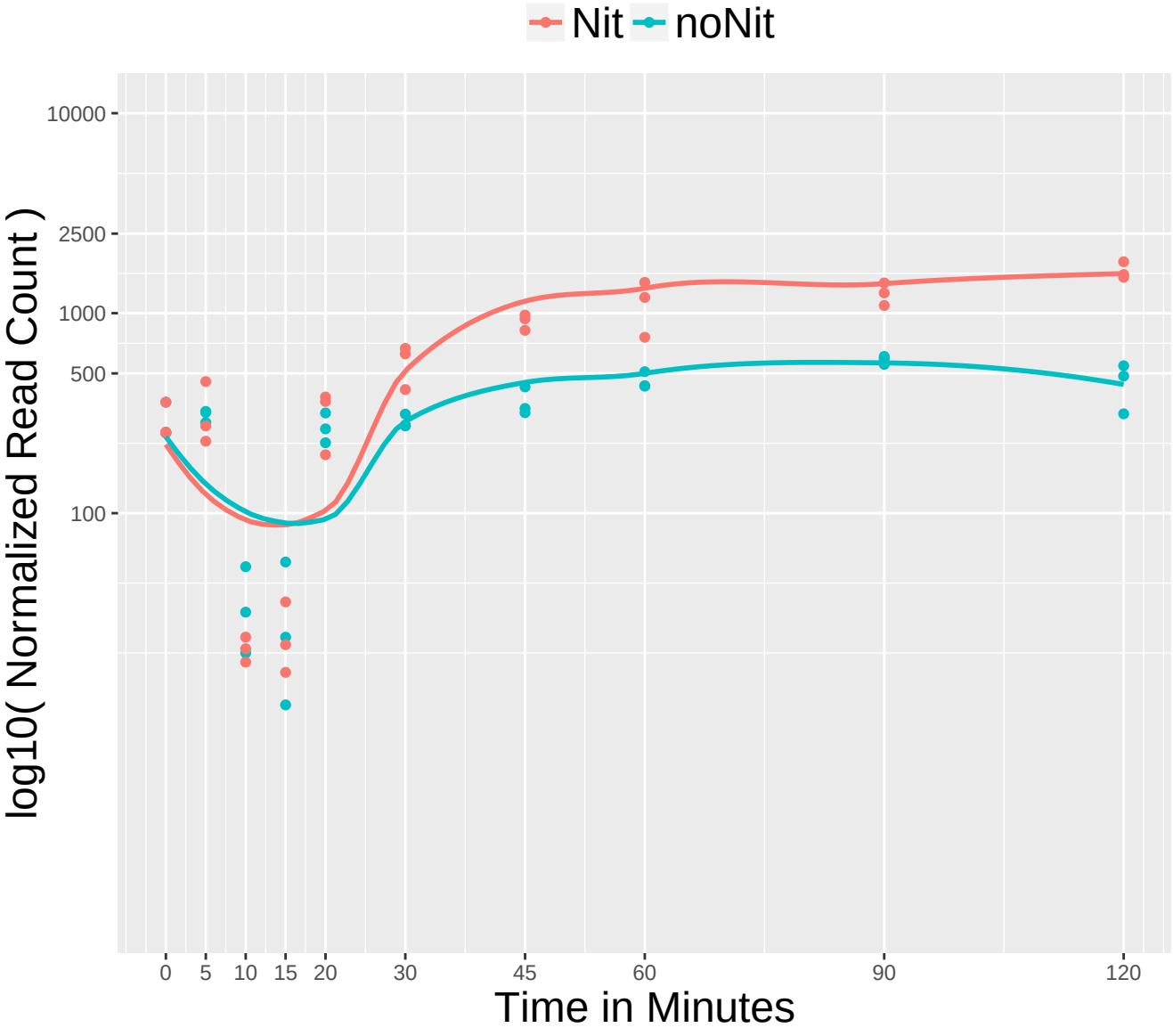
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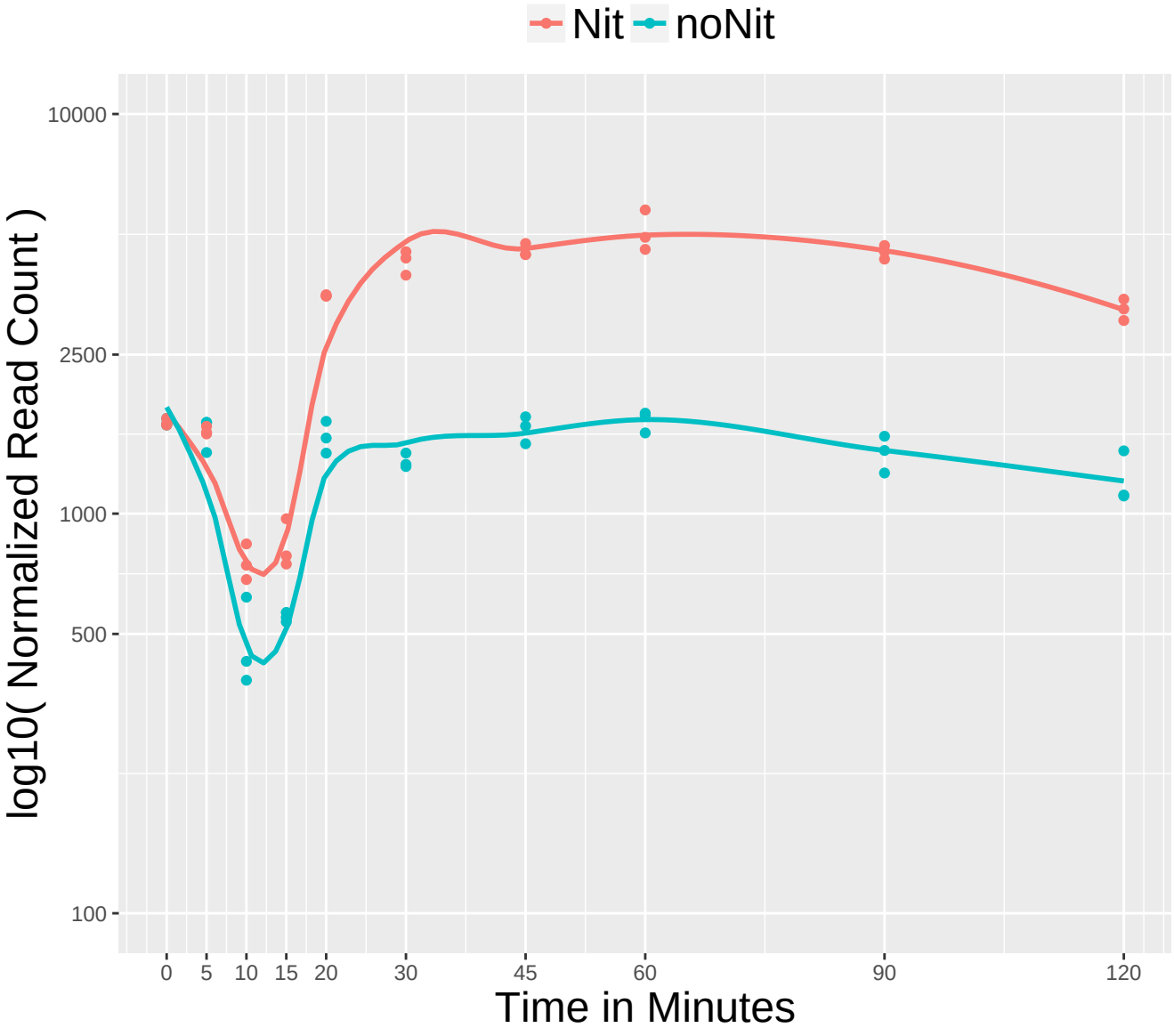
Time in Minutes

AT4G02920


Nit
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log10(Normalized Read Count)
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30
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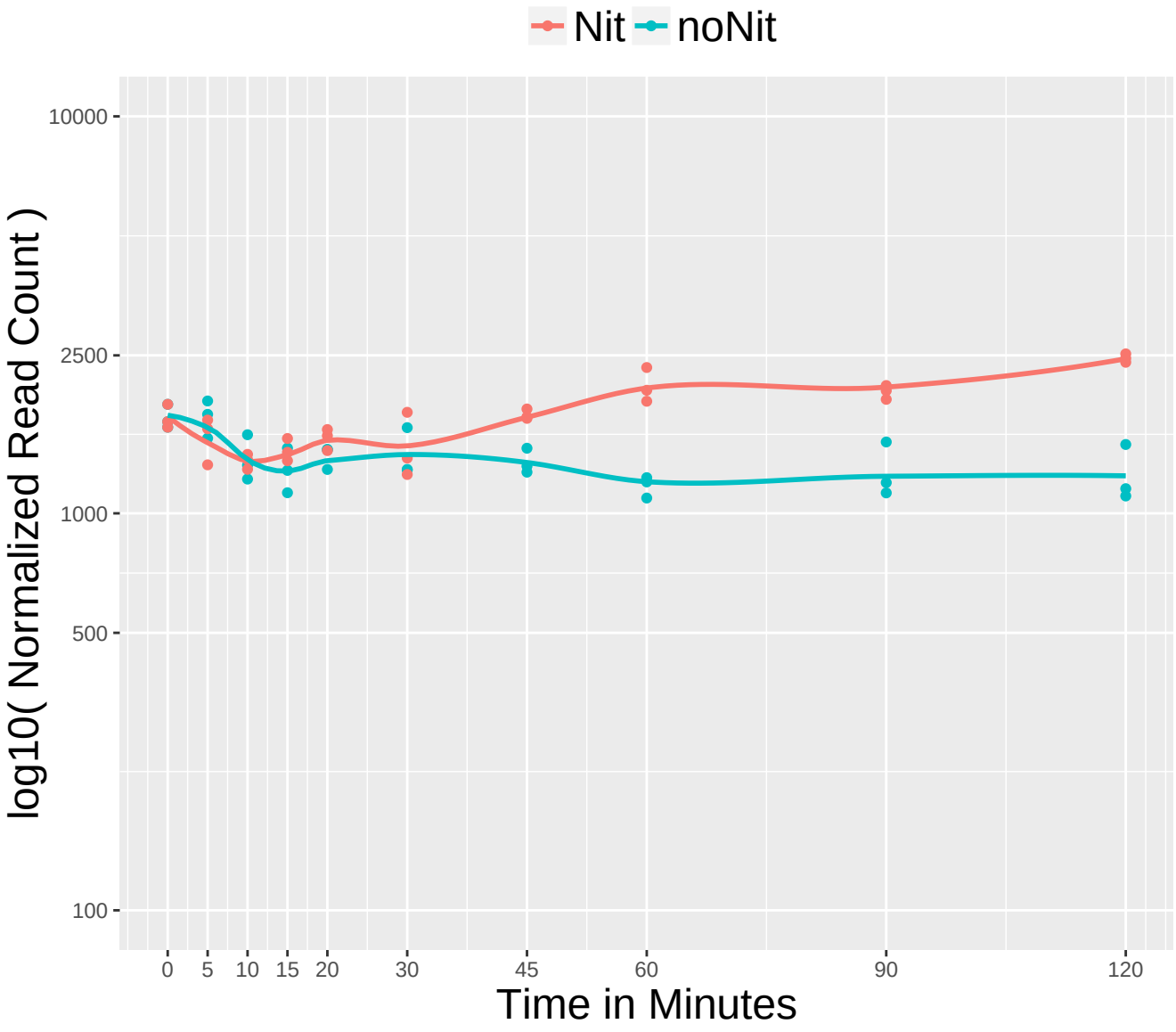
60
90
120
Time in Minutes

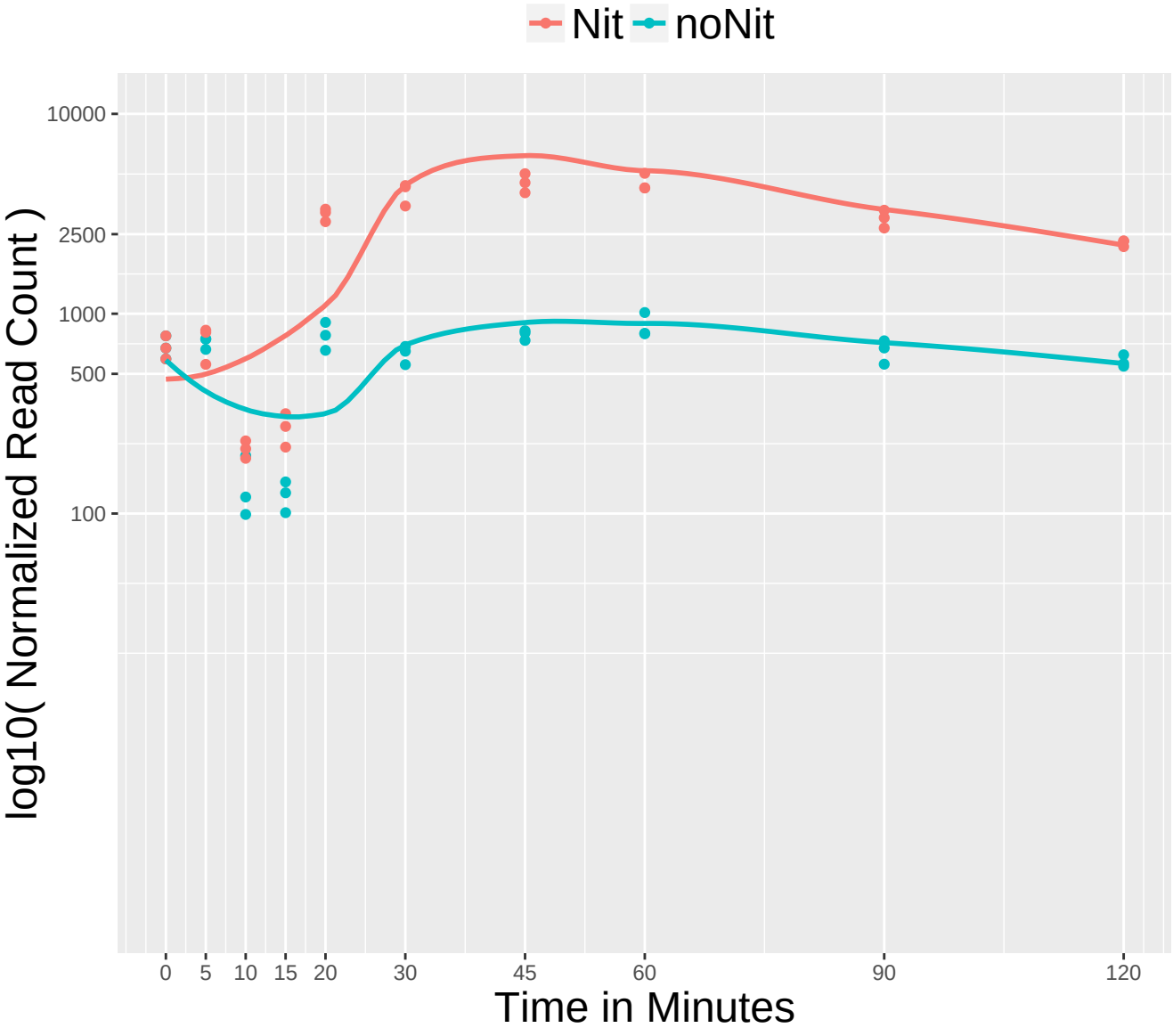
AT4G05410

YAO,YAOZHE



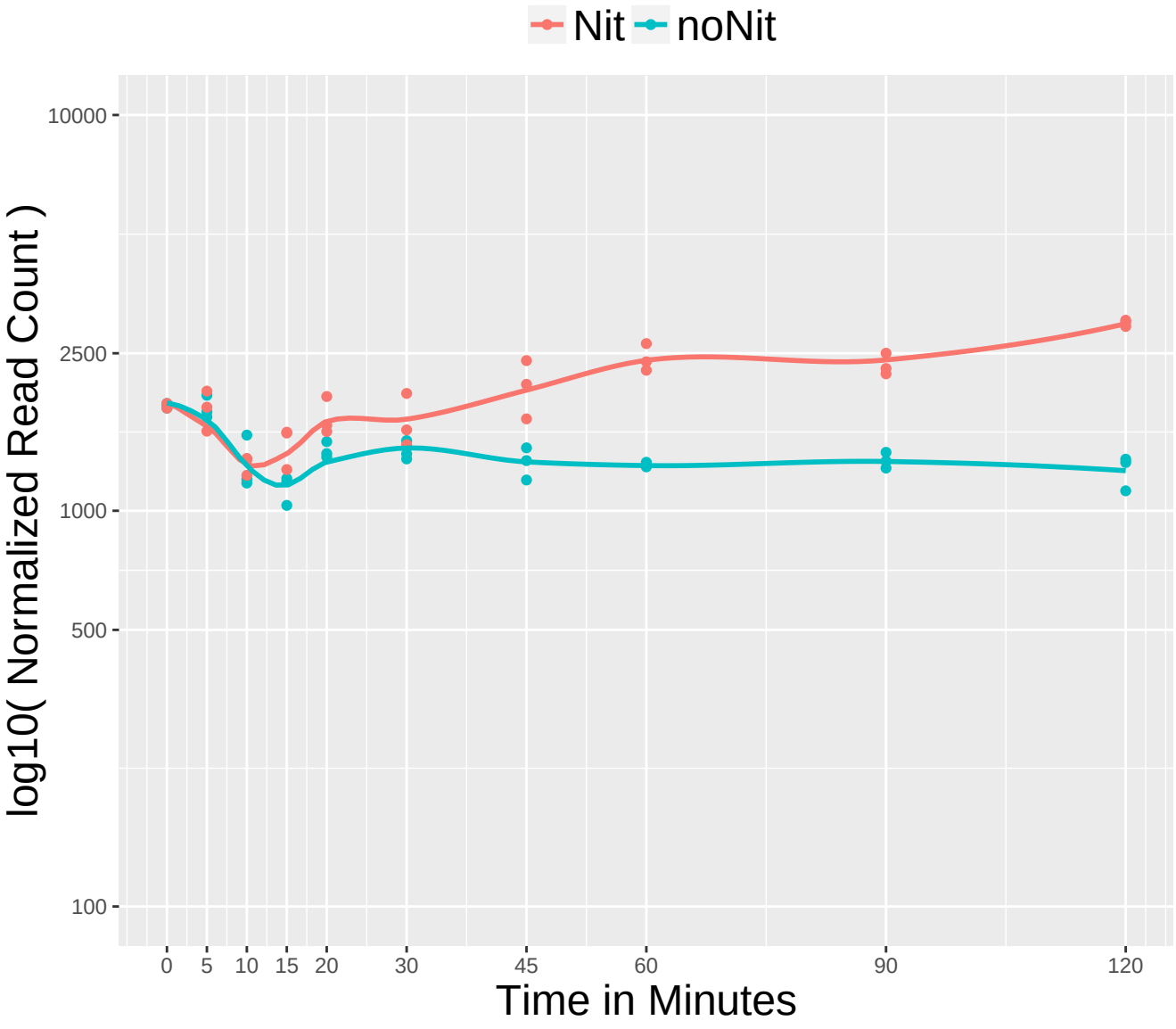
AT4G09620

Mitochondrial

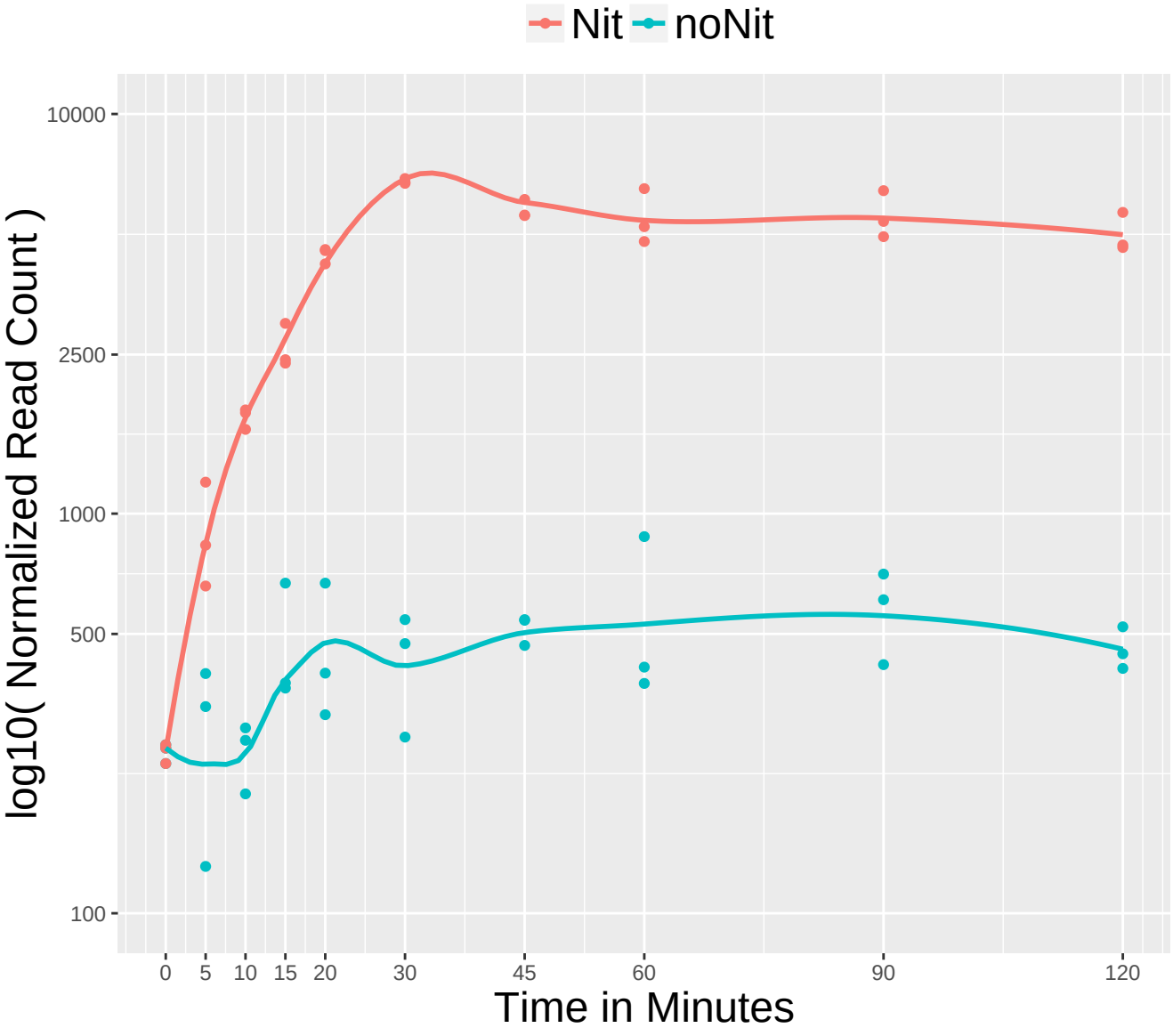


AT4G31790

Tetrapyrrole



AT5G10210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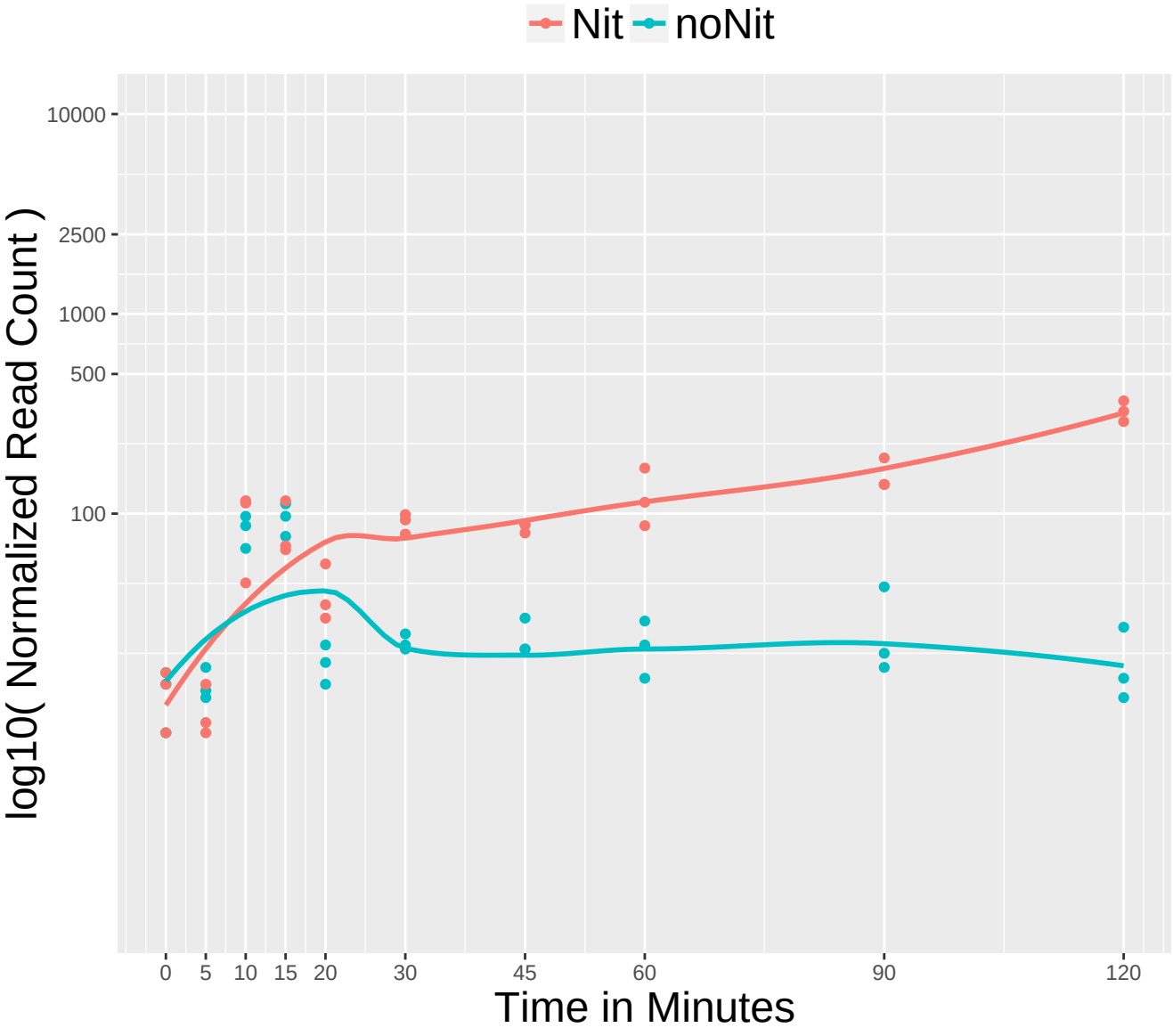
120
Time in Minutes

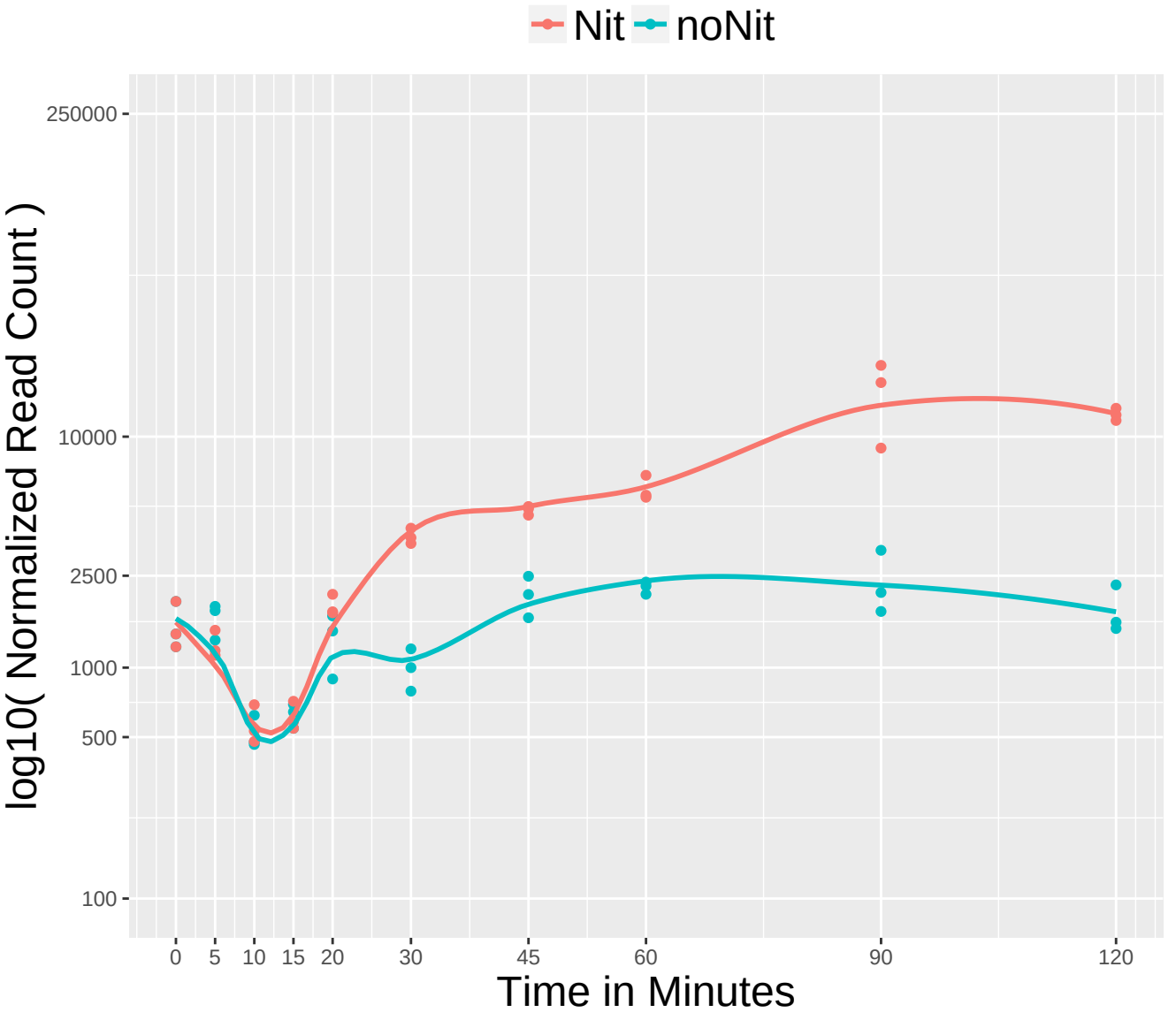
AT5G14070

ROXY2



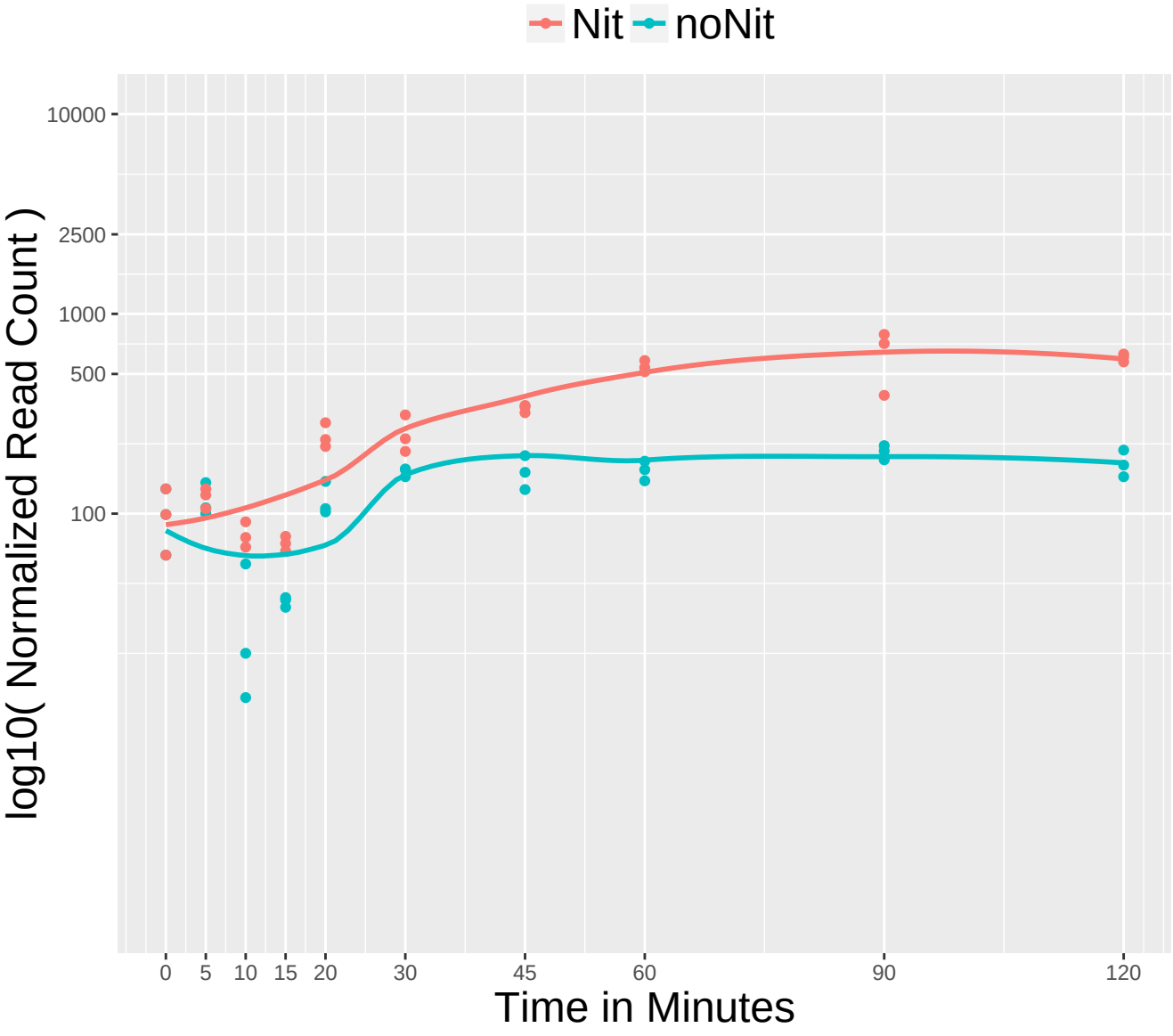
AT5G18840

Major



AT5G23350

GRAM



AT5G26220

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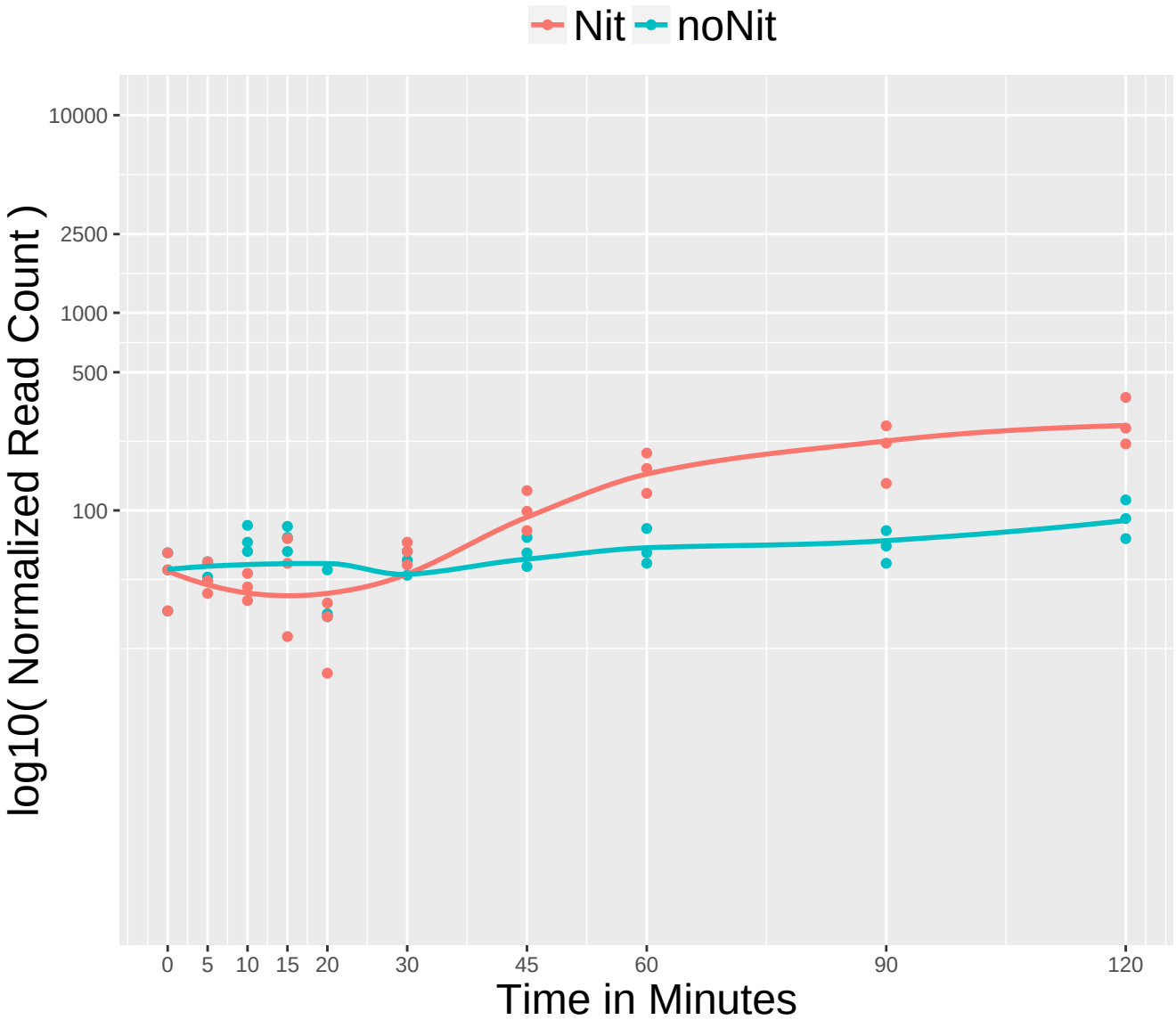
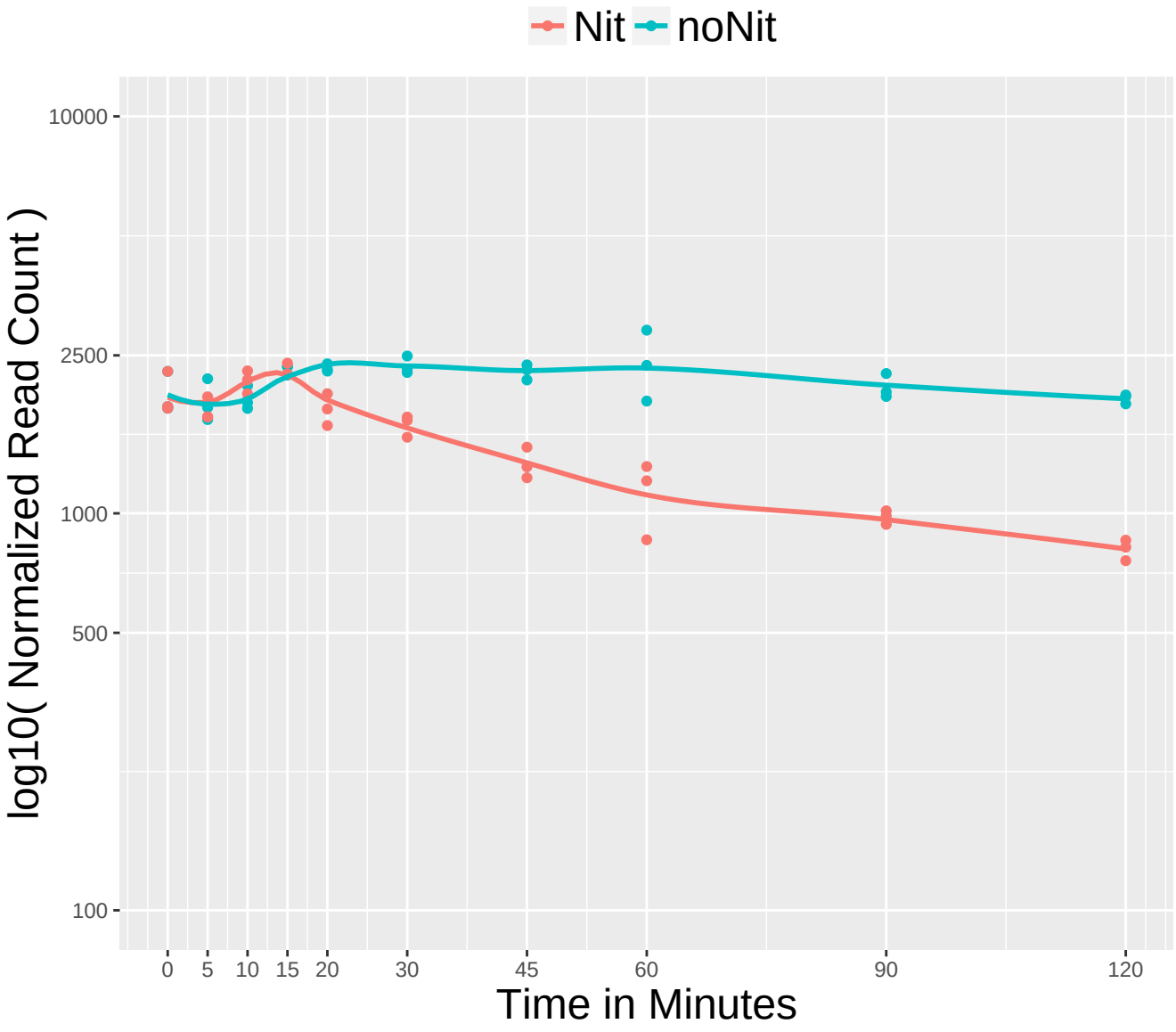


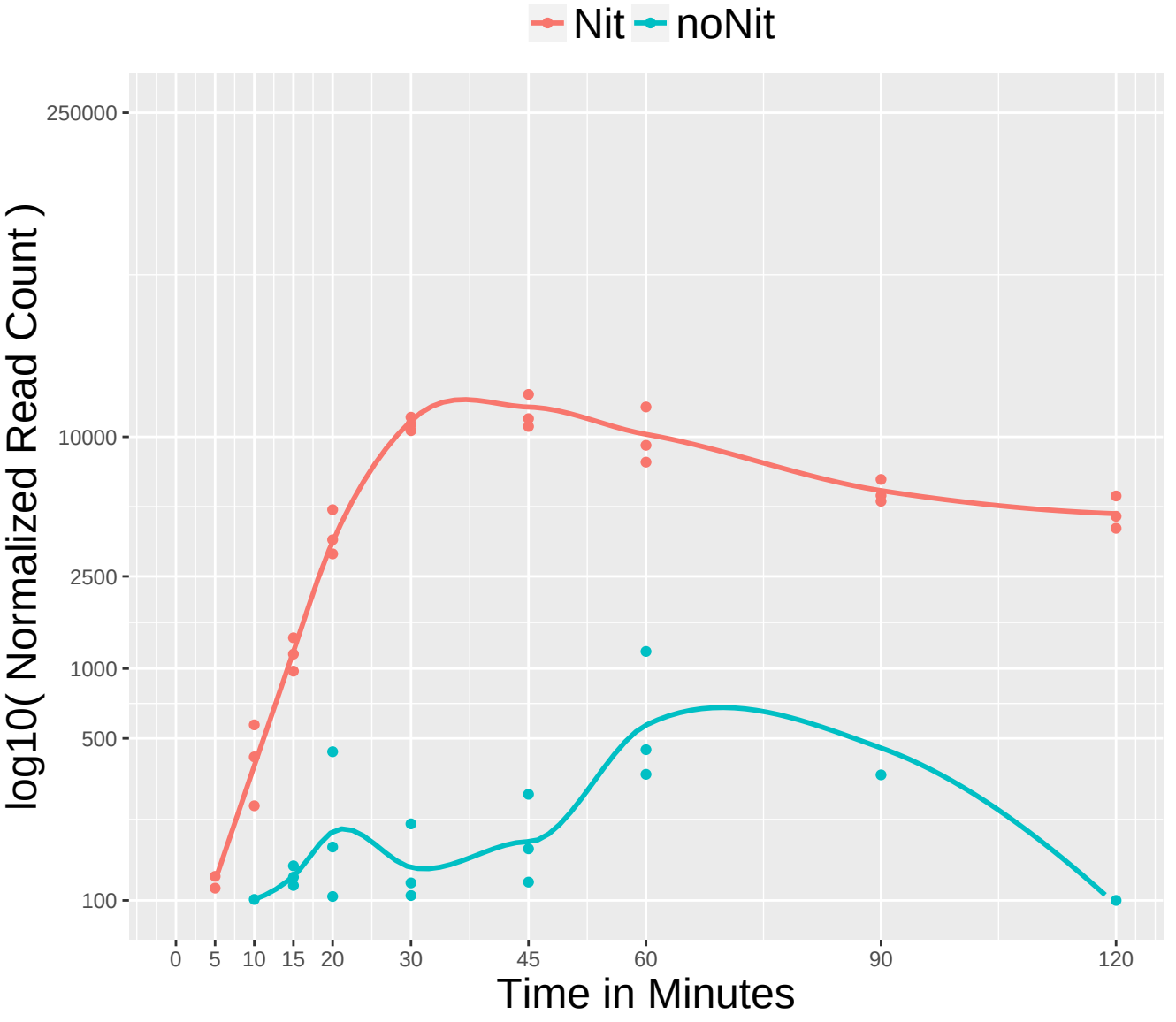
AT5G43880

TRM21,TON1



AT5G63160

BT1,BTB



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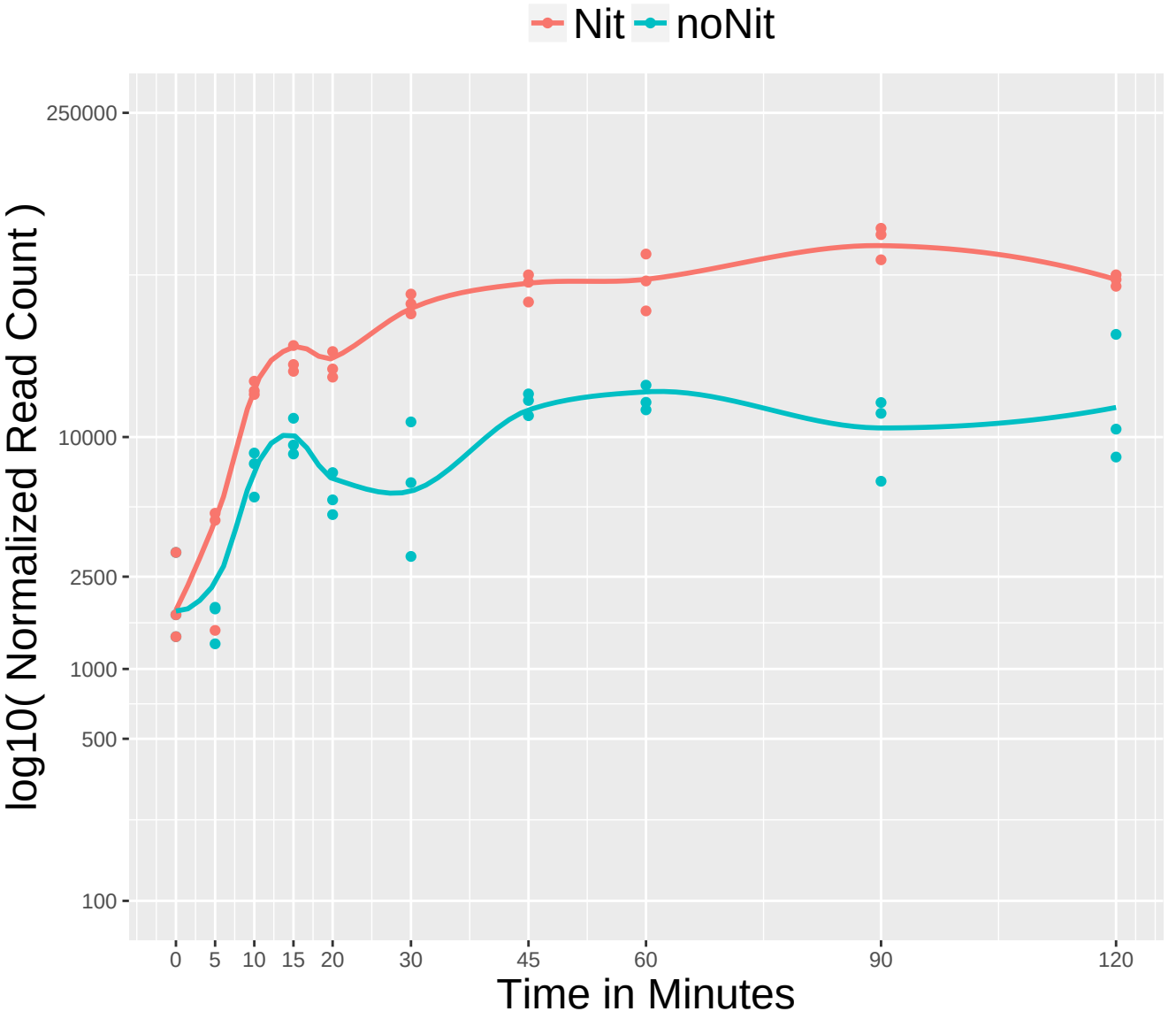
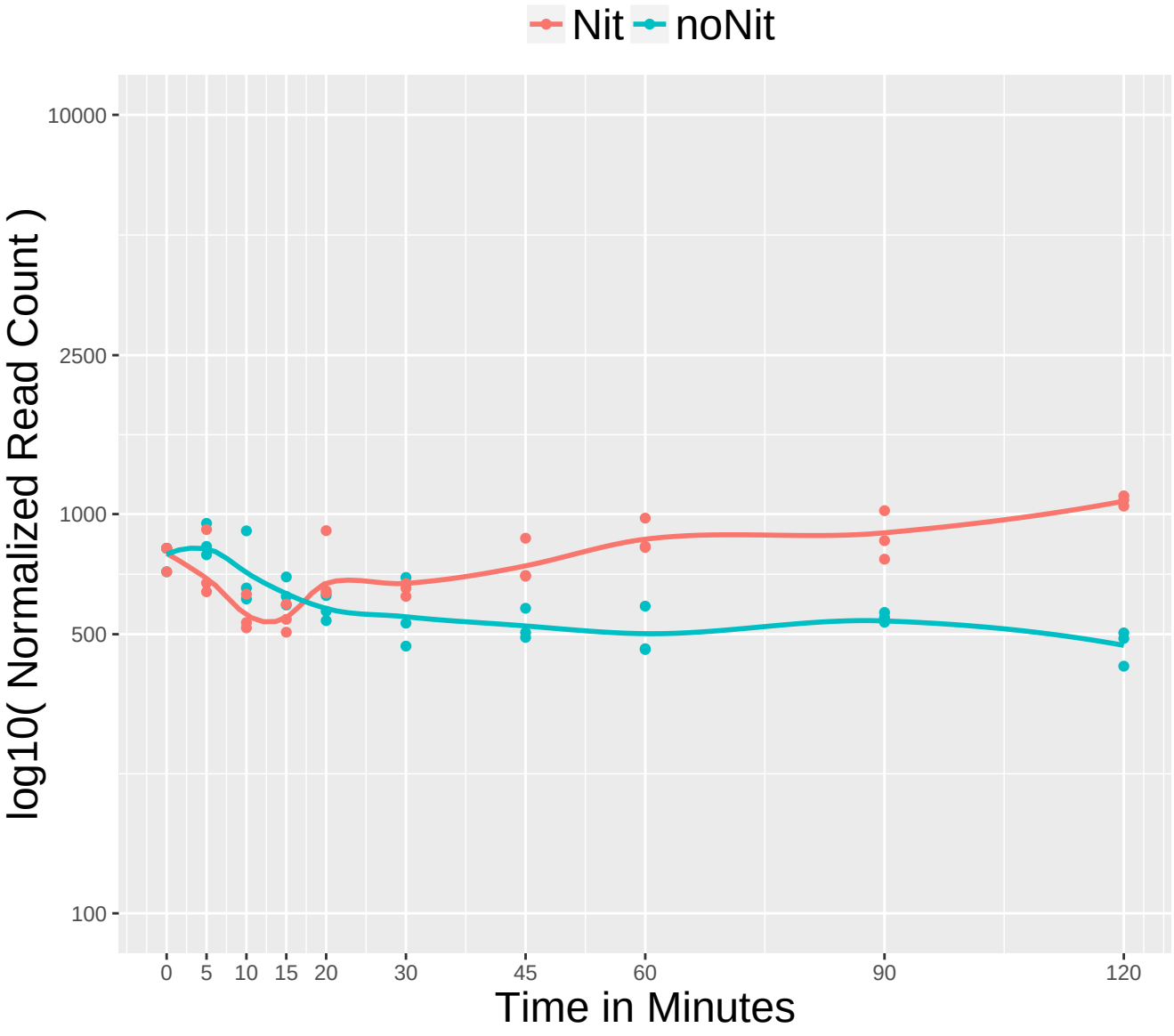
ACH1,,ATNRT2.1,NITRATE



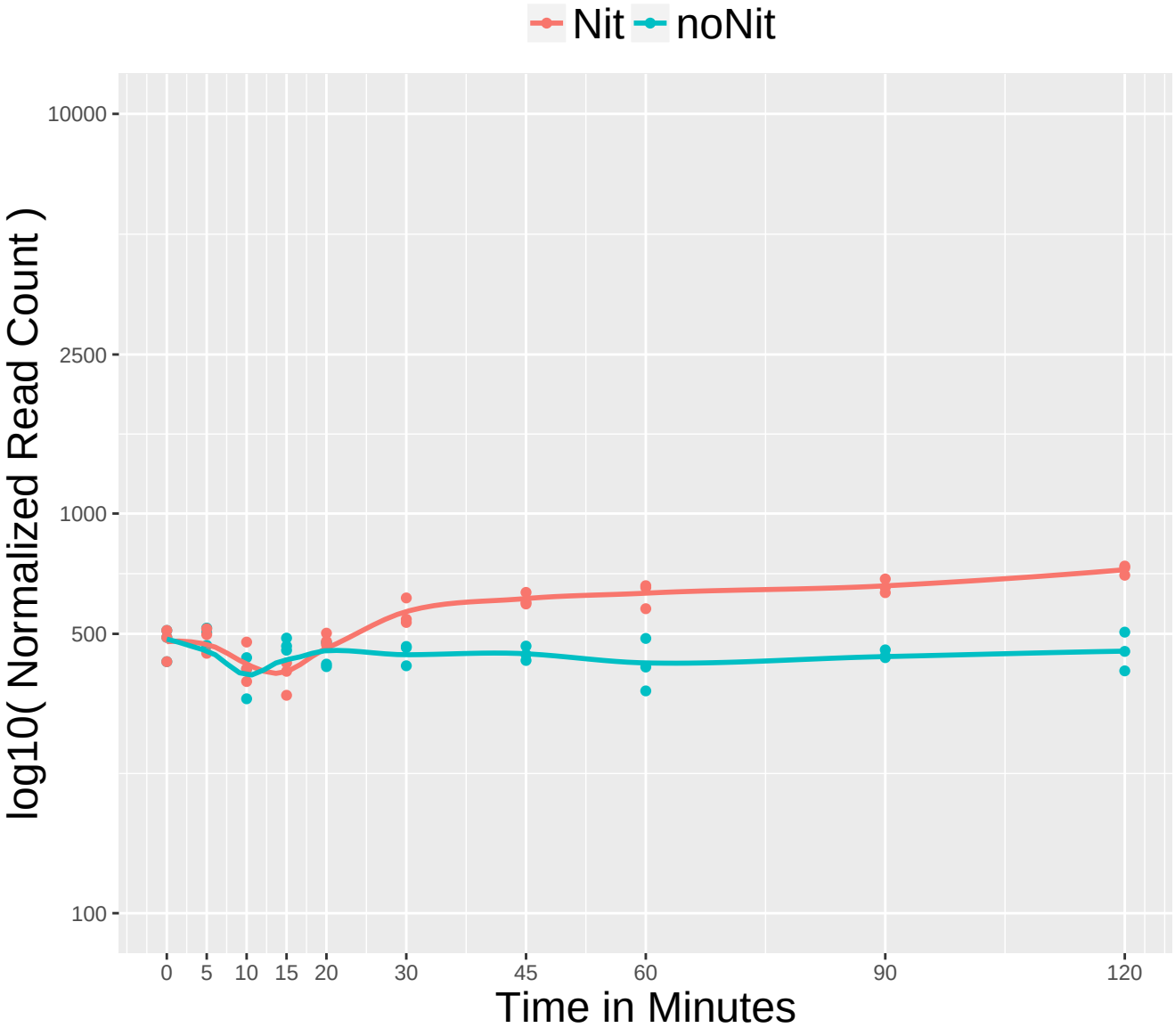
AT1G11380

PLAC8



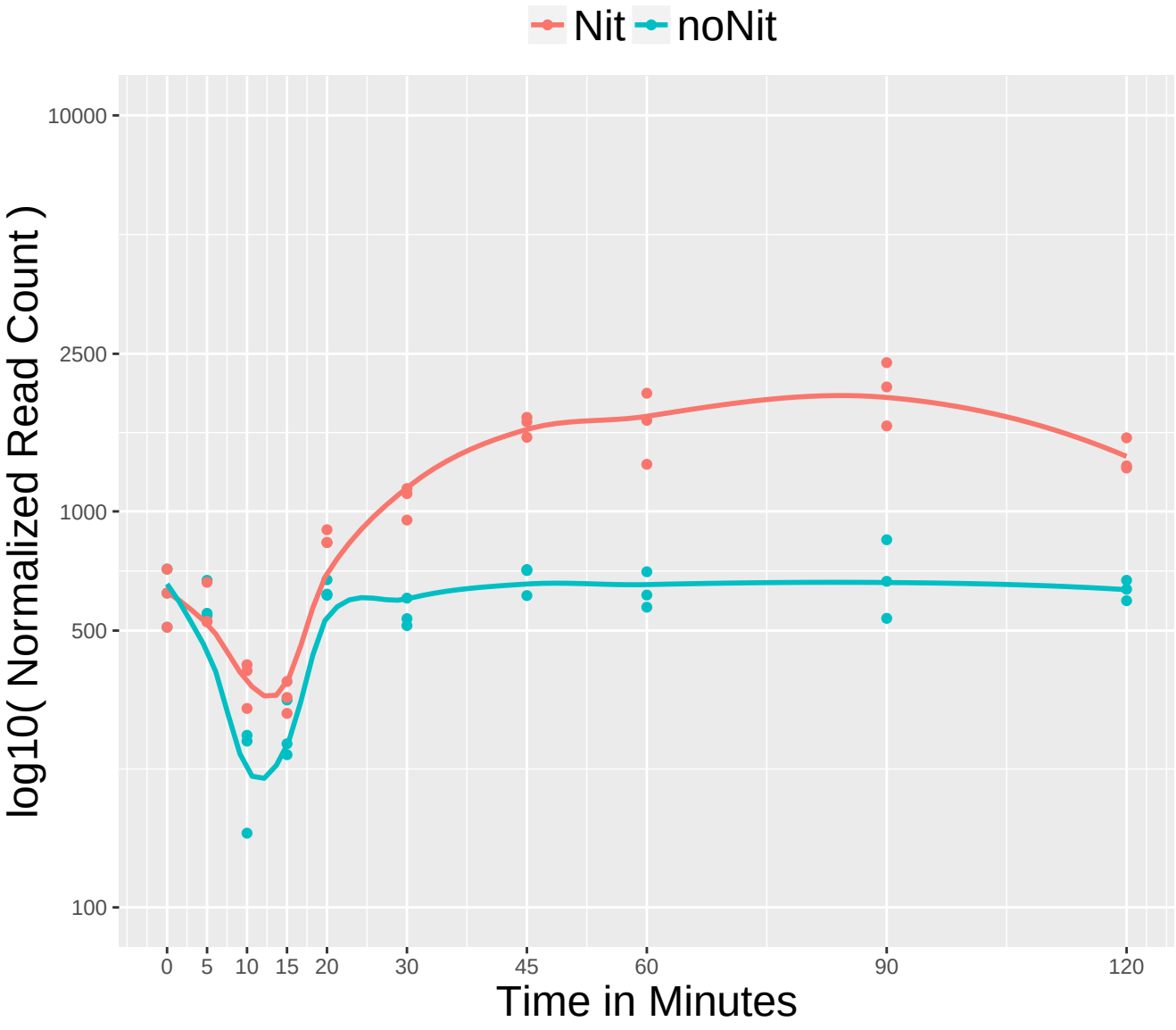
AT1G11780

oxidoreductase



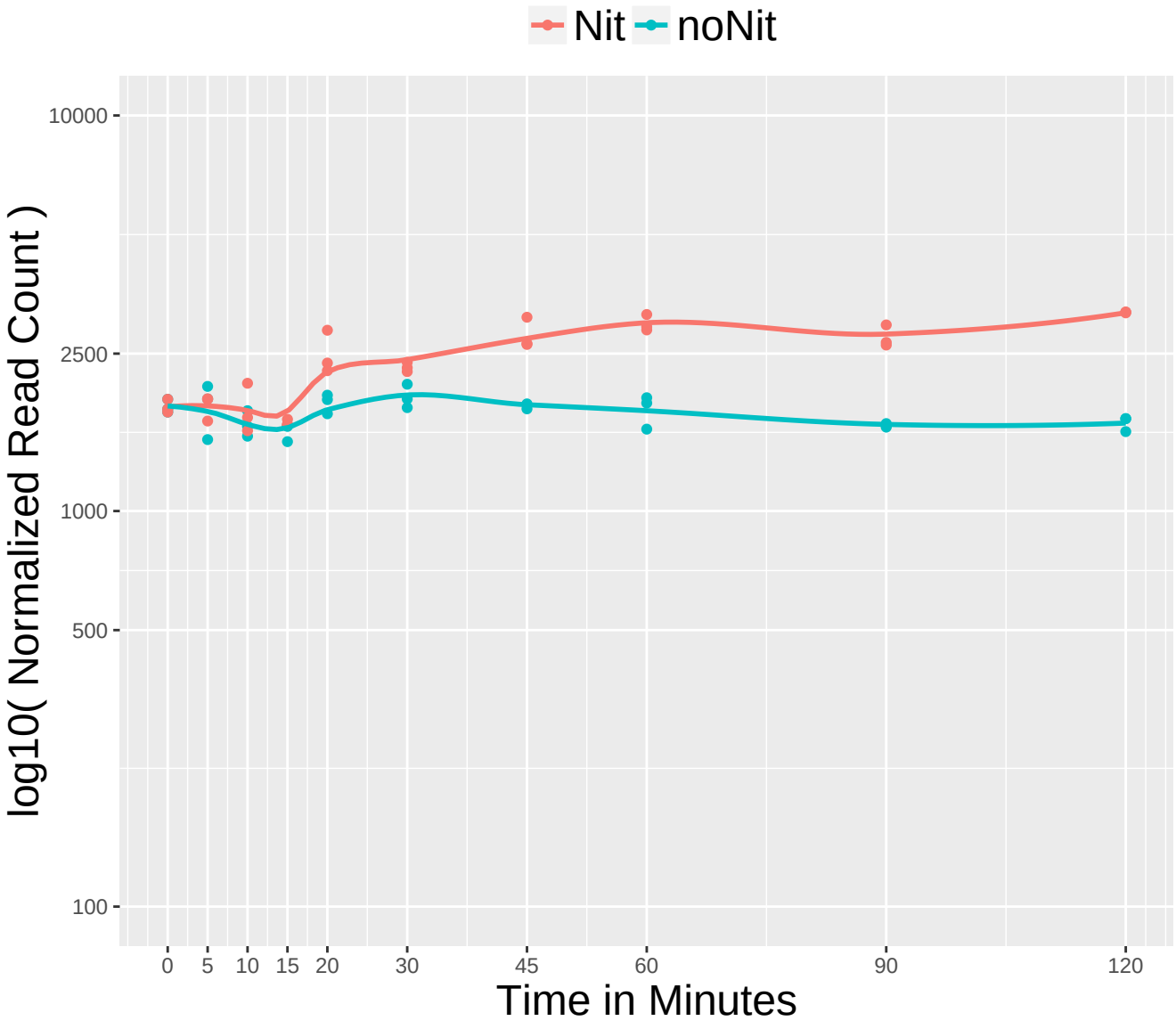
AT1G22170

Phosphoglycerate



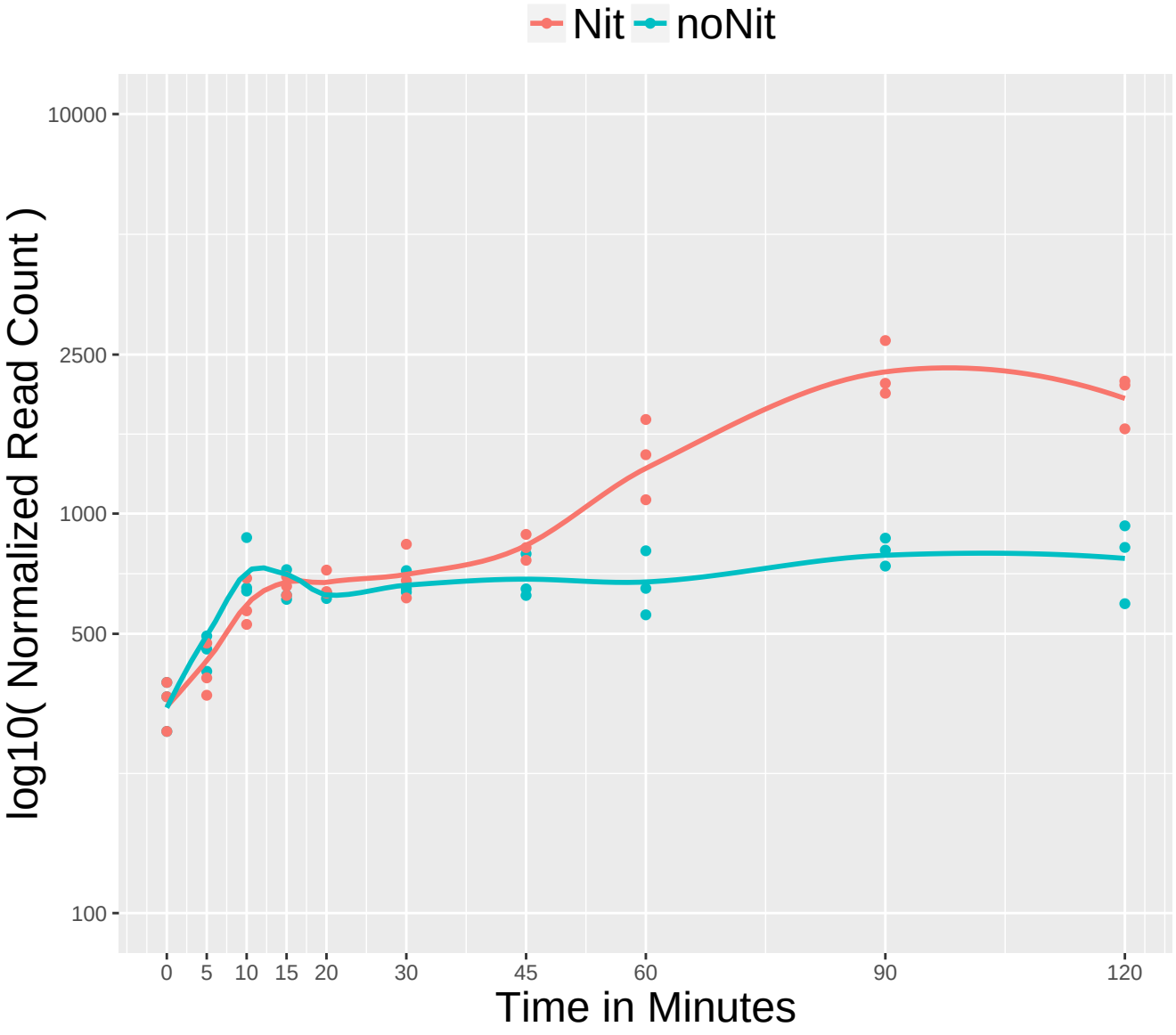
AT1G59960

NAD(P)−linked



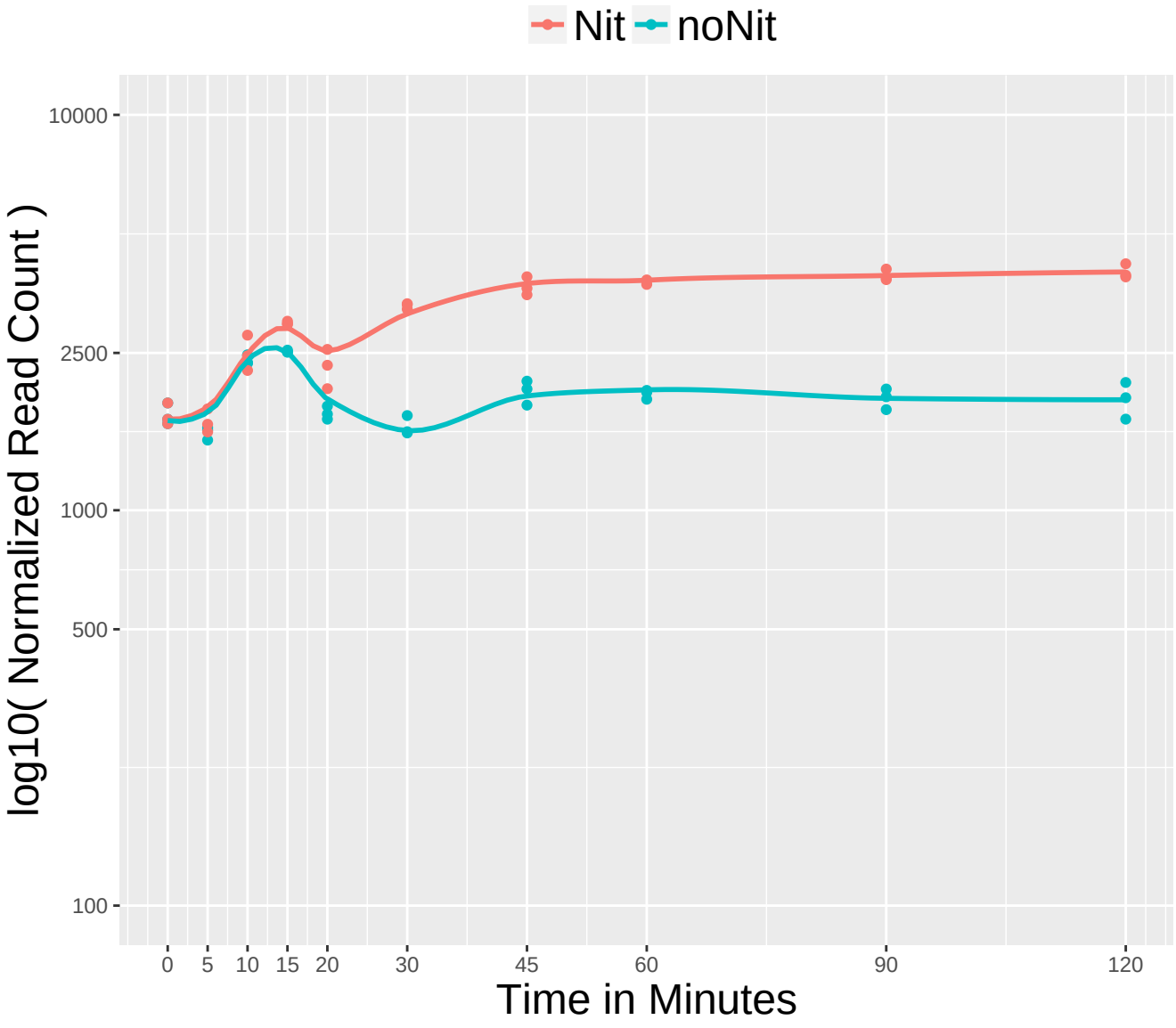
AT3G43430

RING/U−box



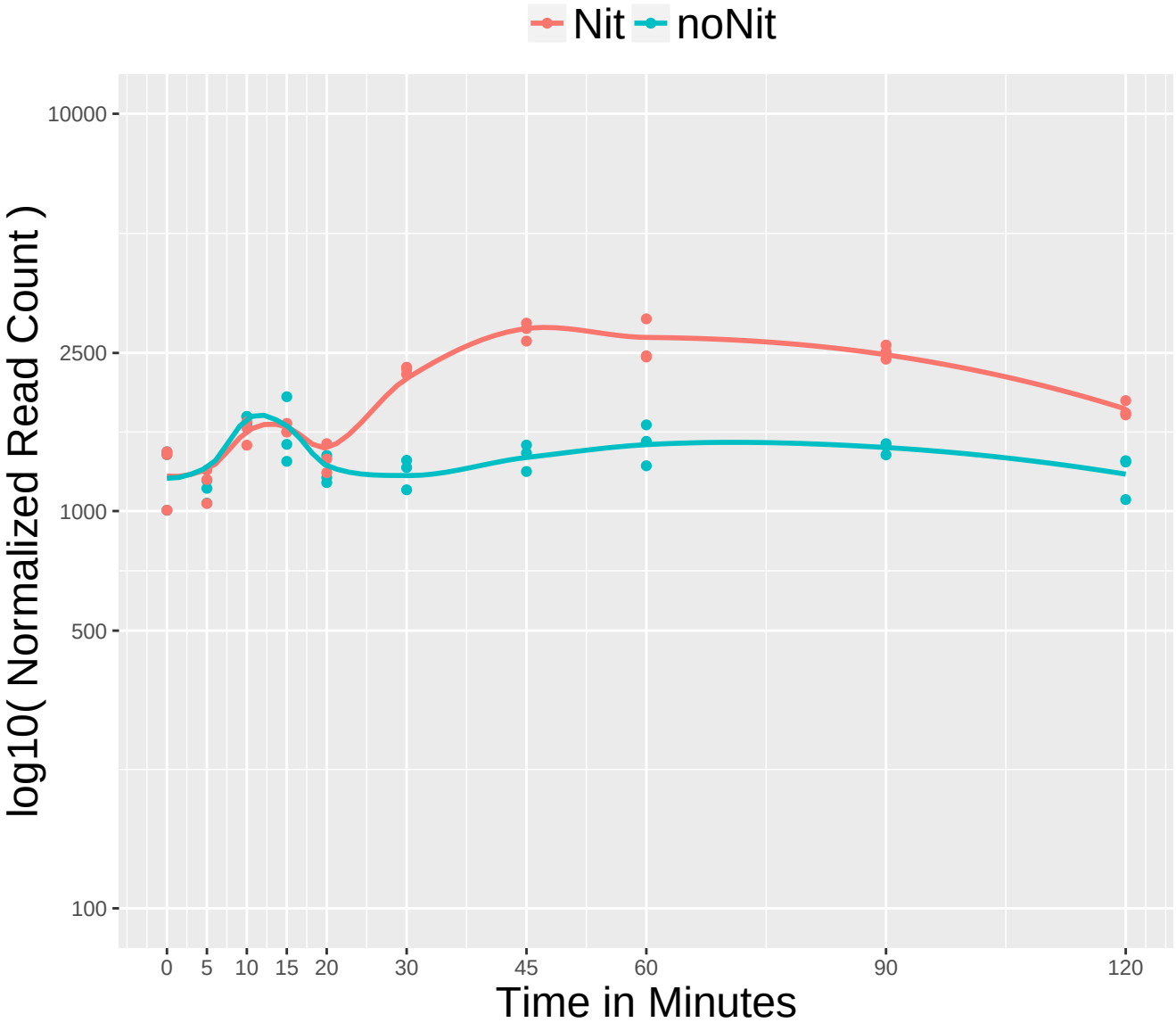
AT4G14500

Polyketide



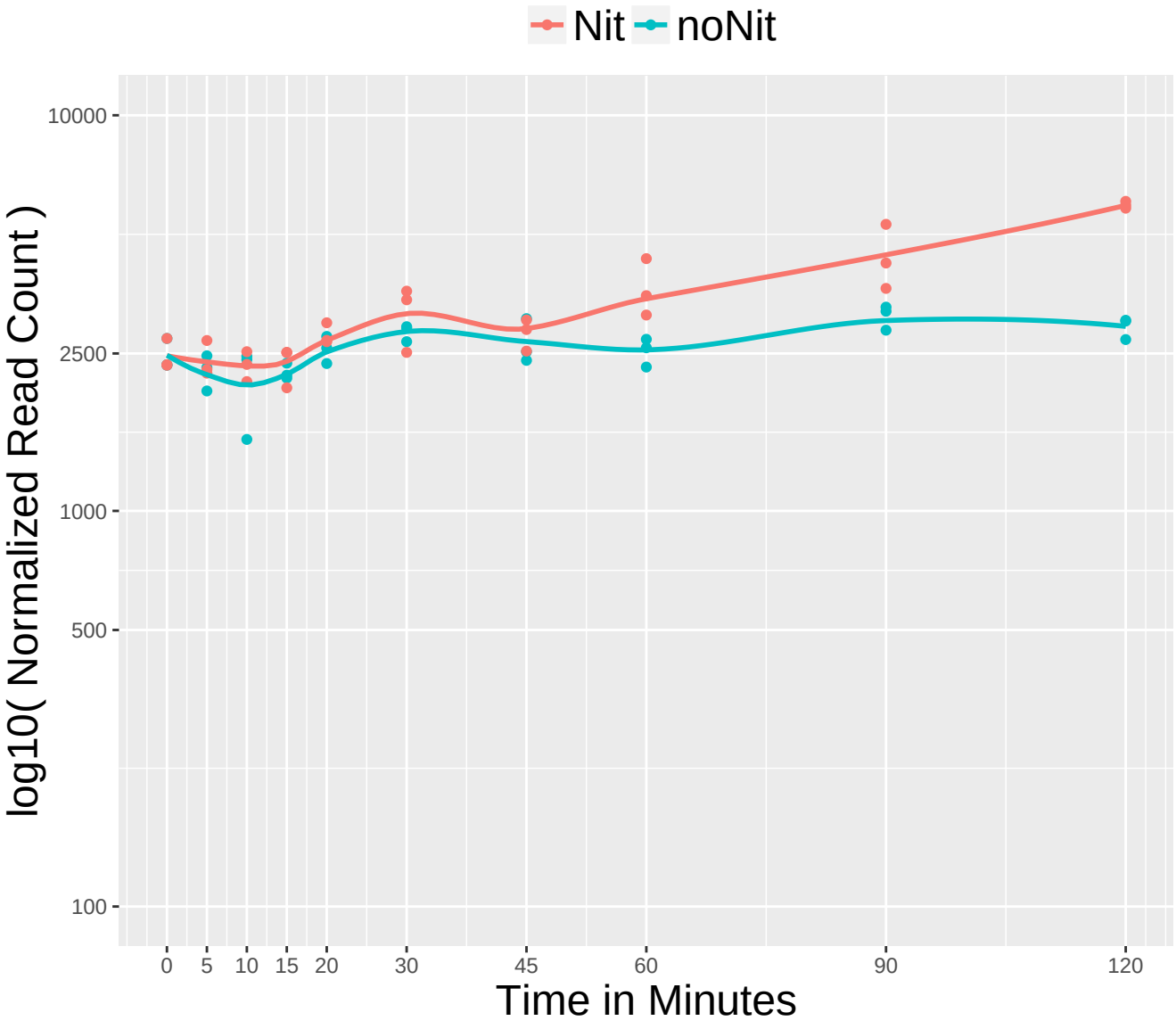
AT4G36380

ROT3,ROTUNDIFOLIA



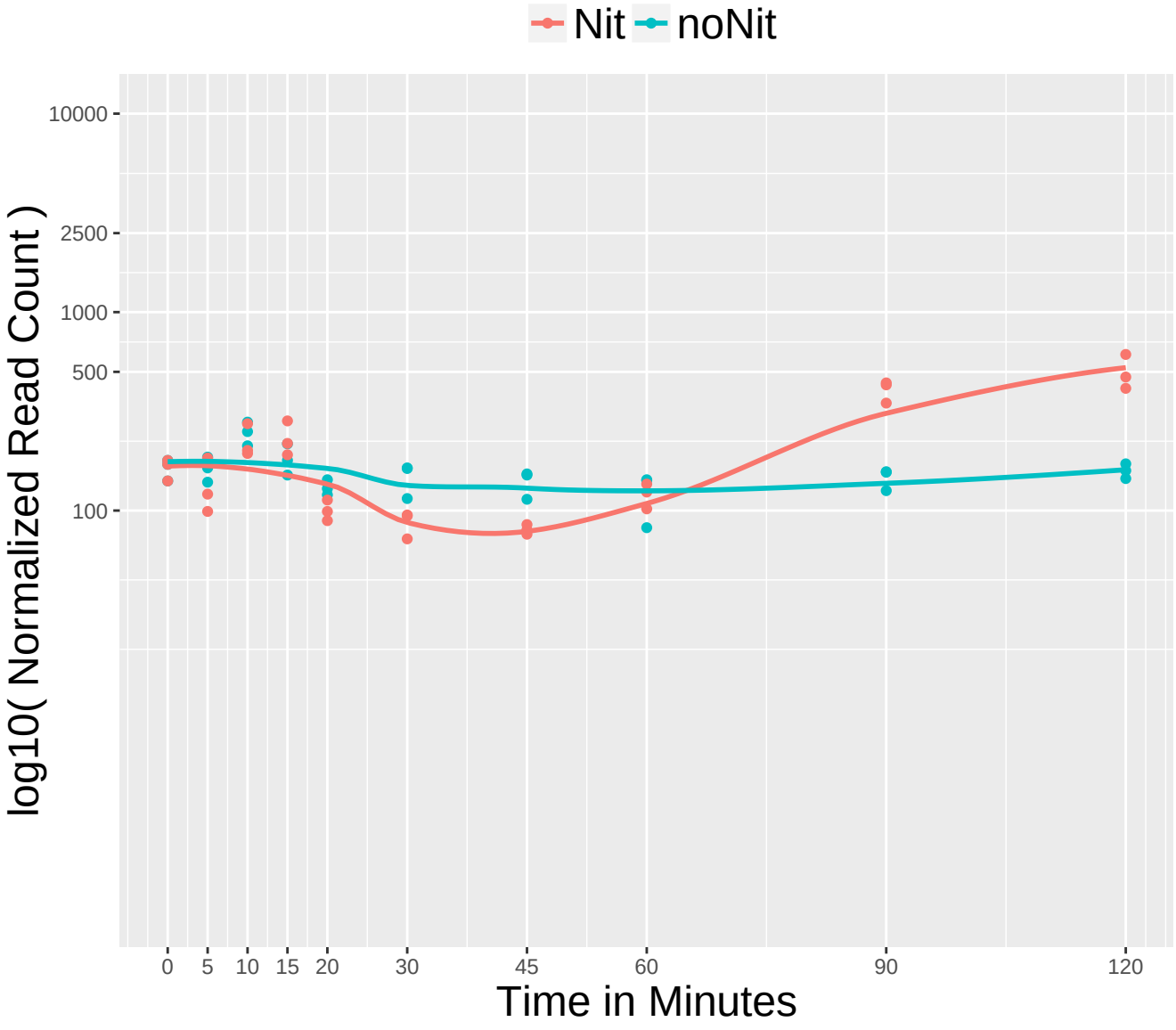
AT4G39660

AGT2,alanine:glyoxylate



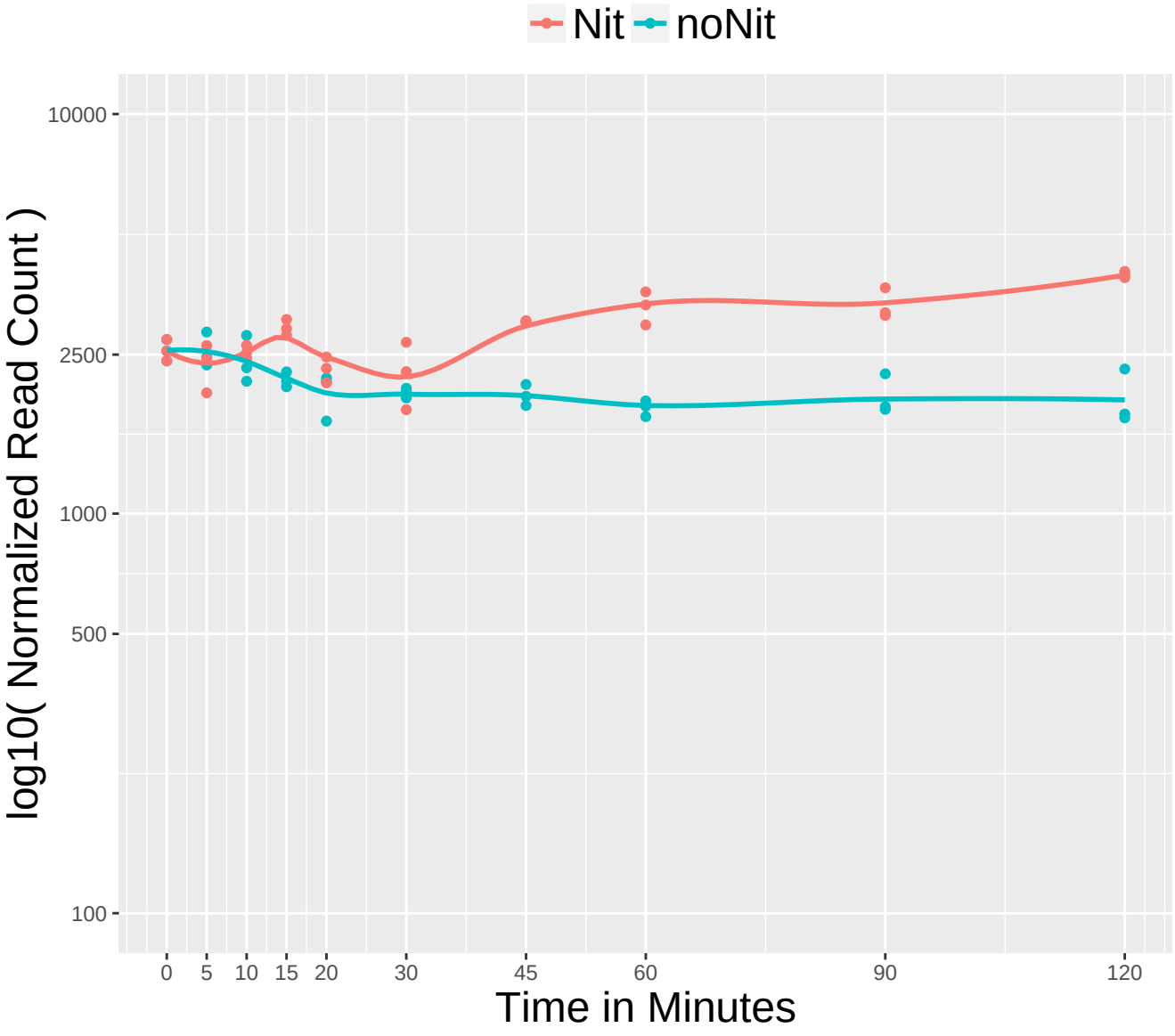
AT5G03680

PTL,PETAL



AT5G14050

Transducin/WD40



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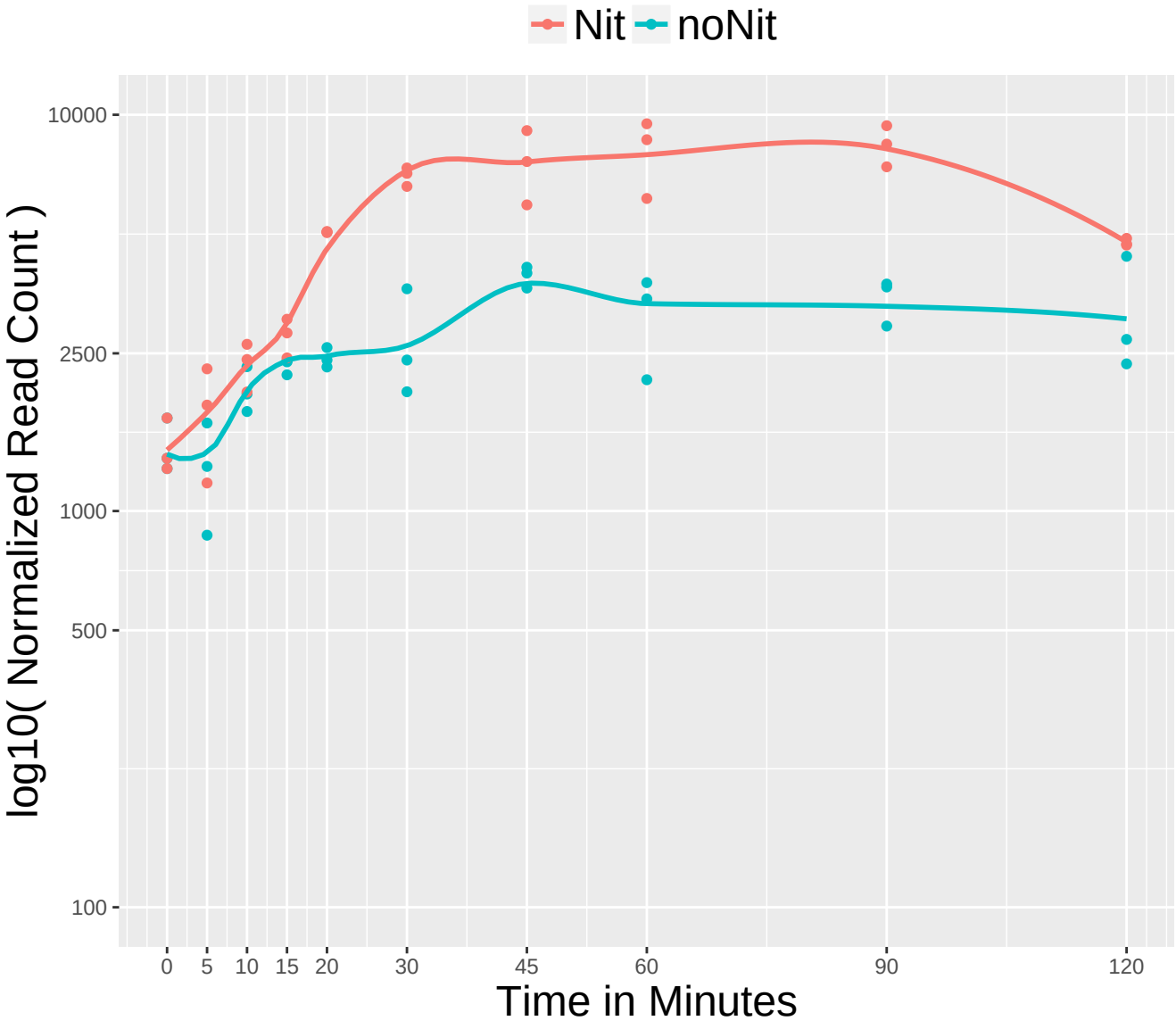
AO,L−aspartate



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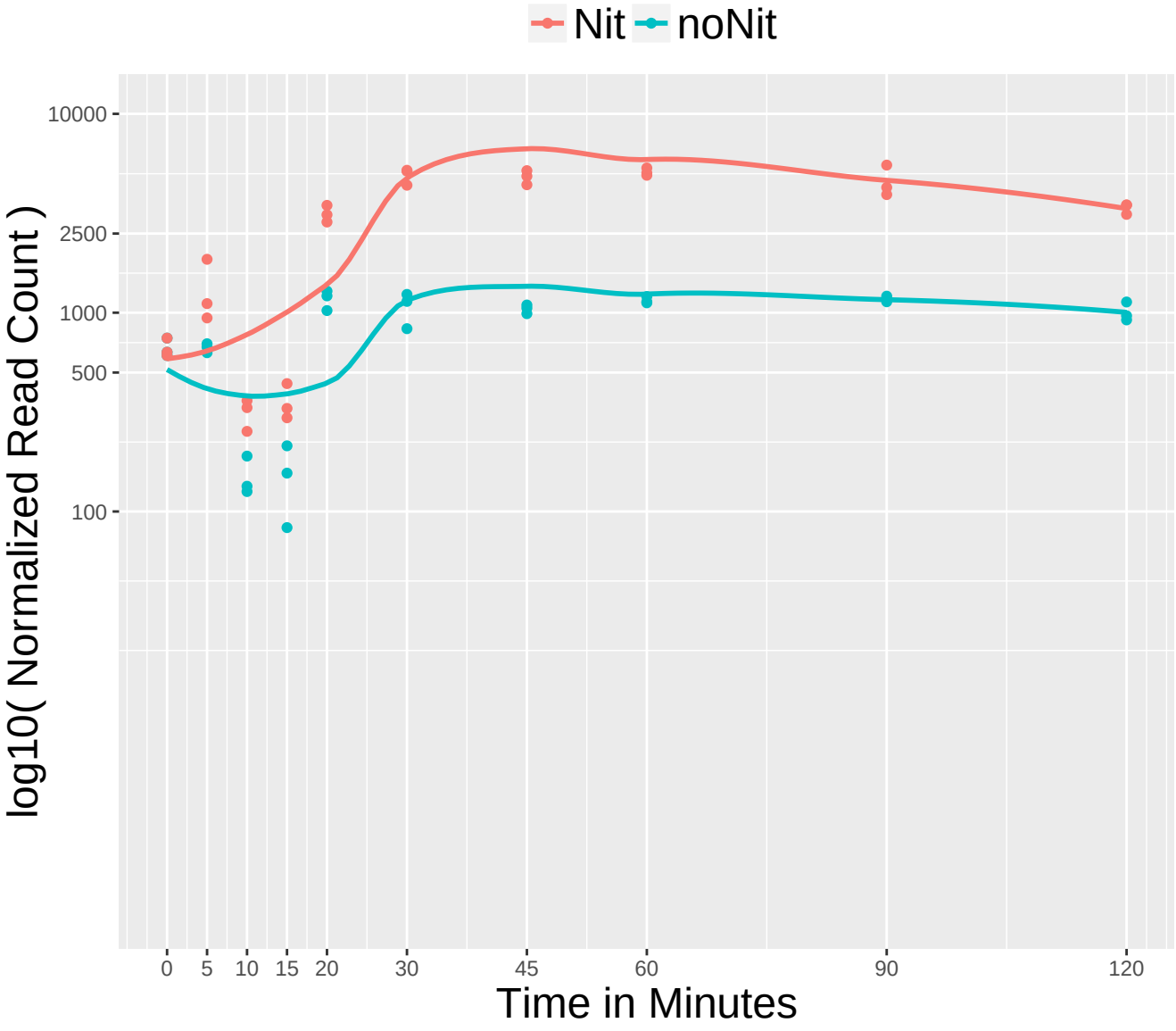
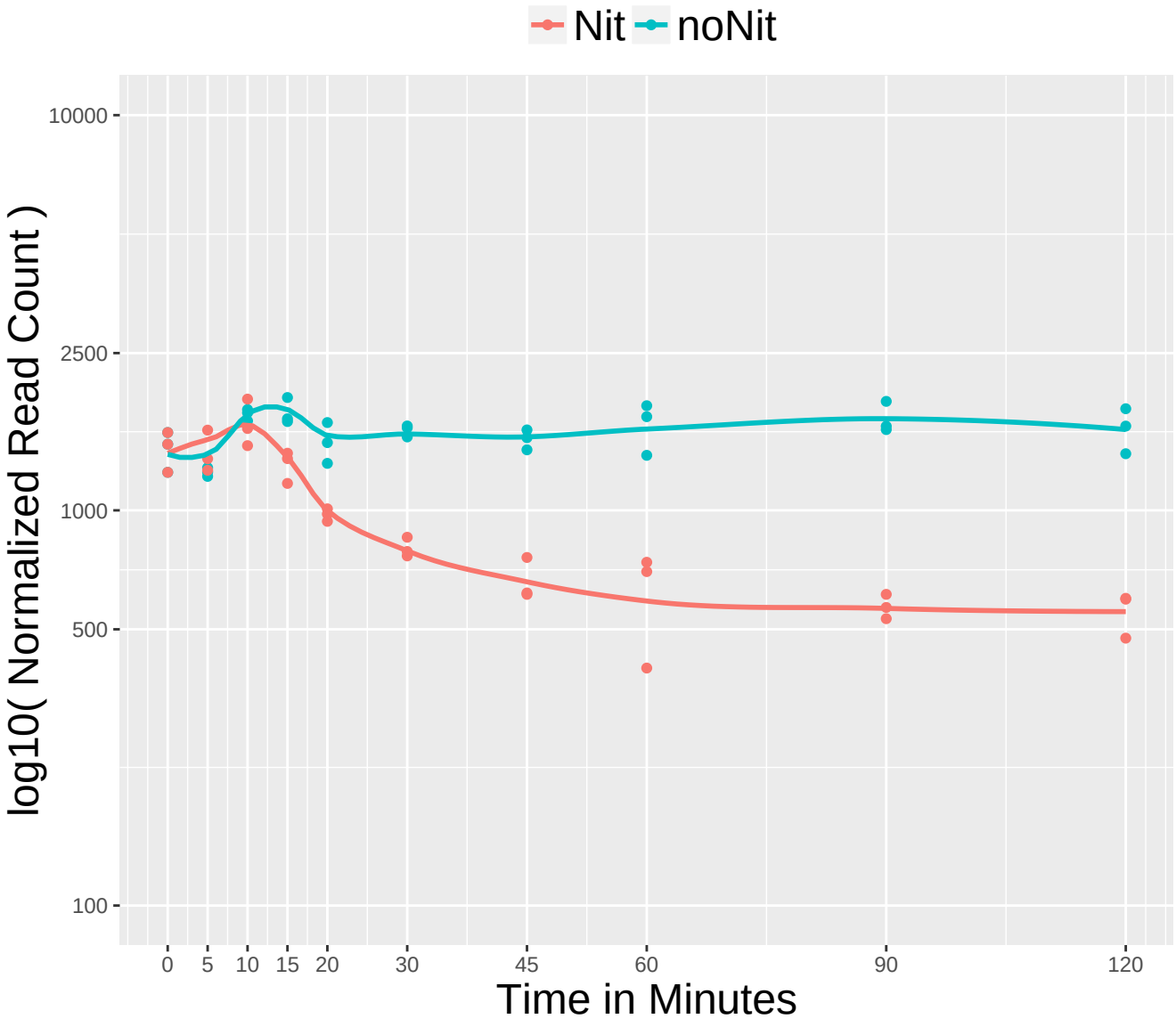


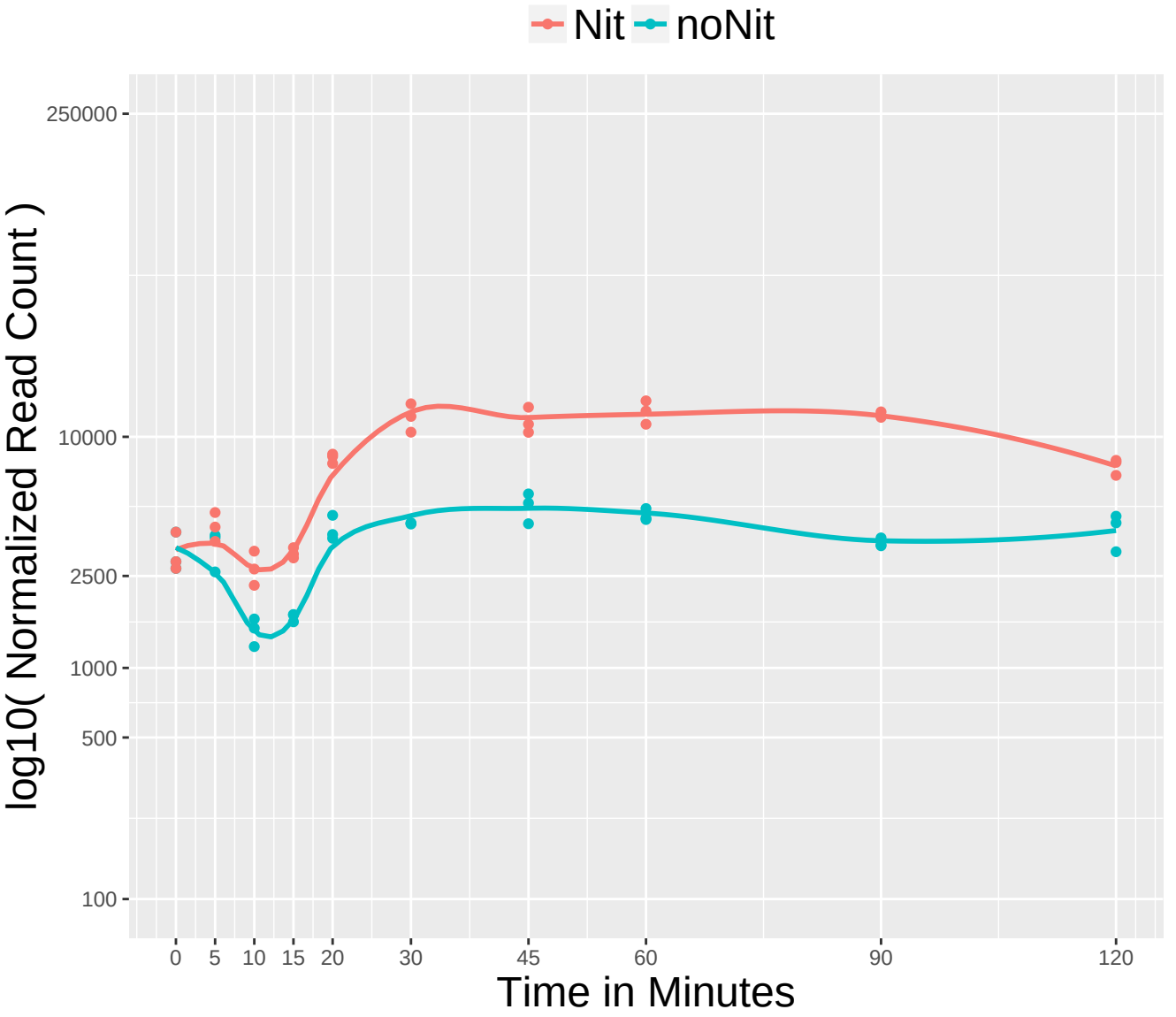
AT5G44670

GALS2,galactan



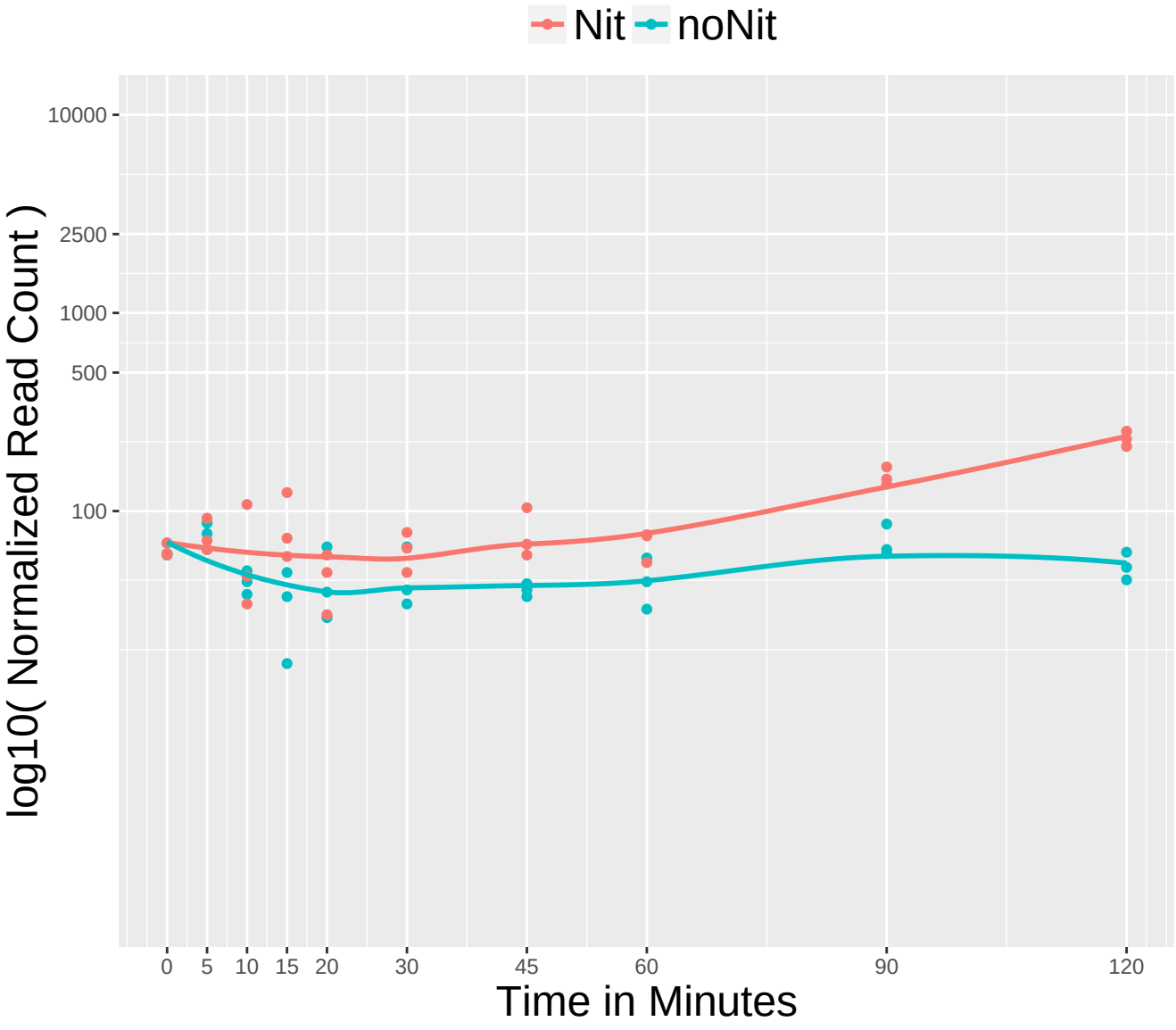
AT5G51830

pfkB−like



AT5G57180

CIA2,chloroplast



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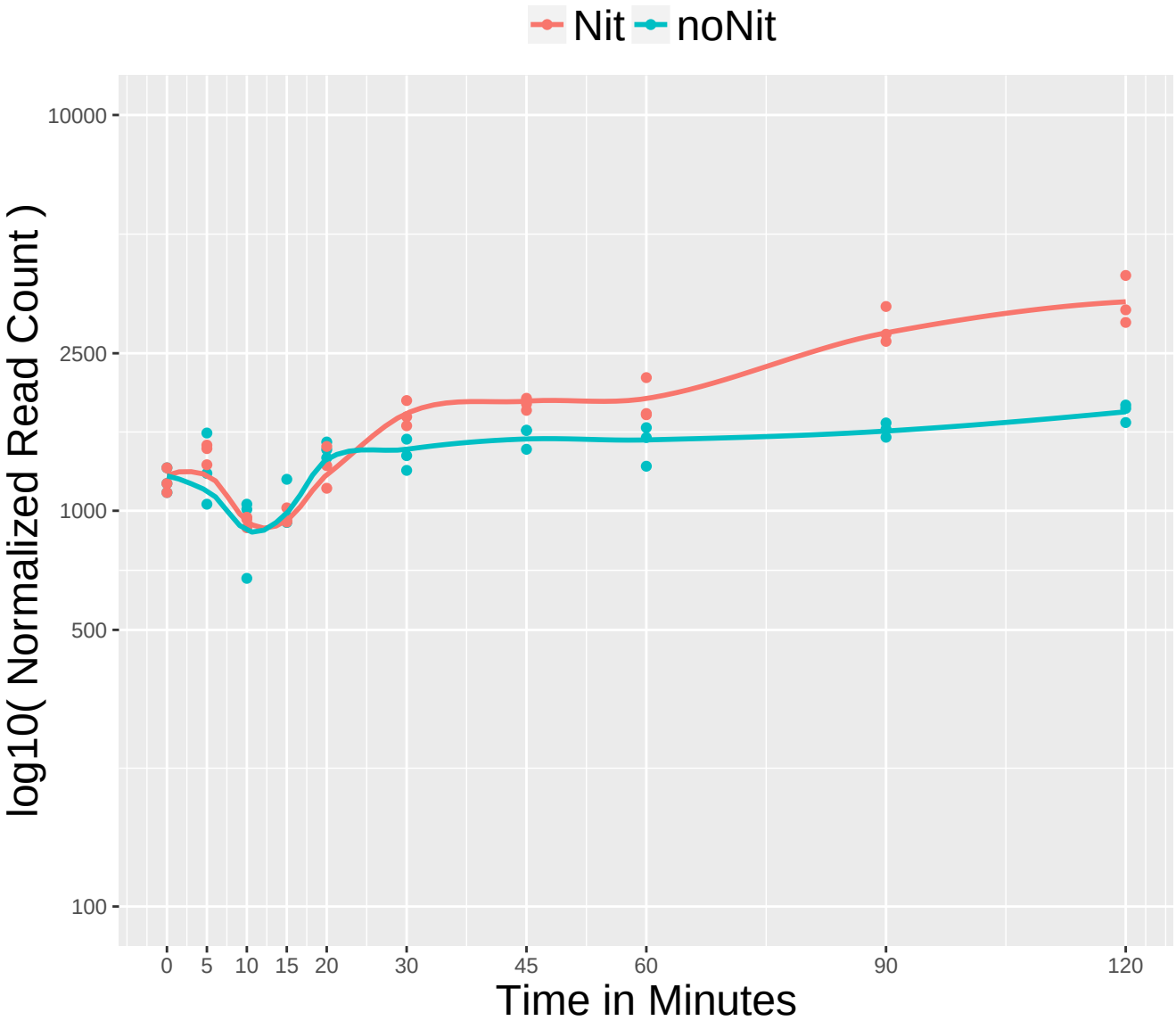
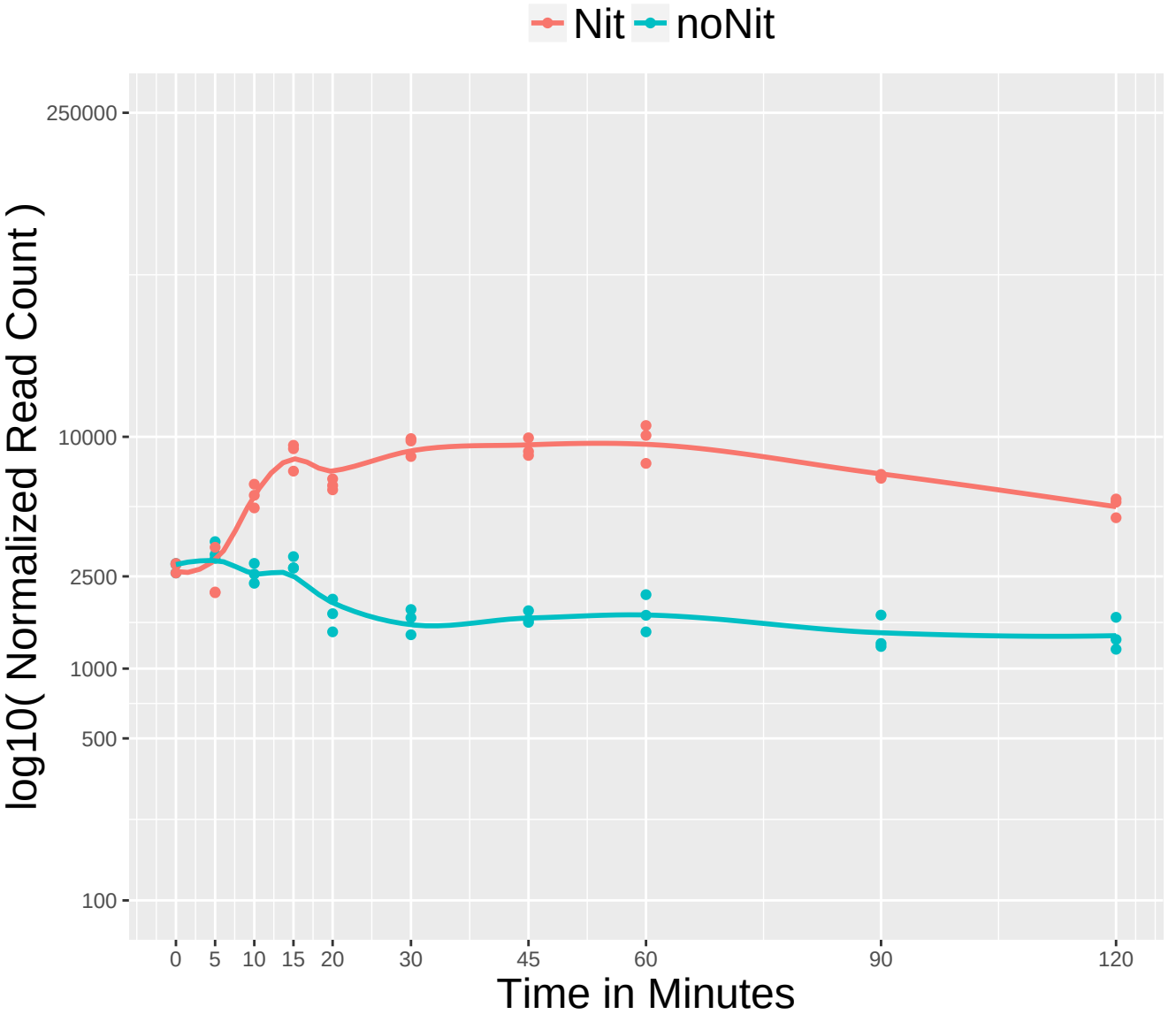
xylose



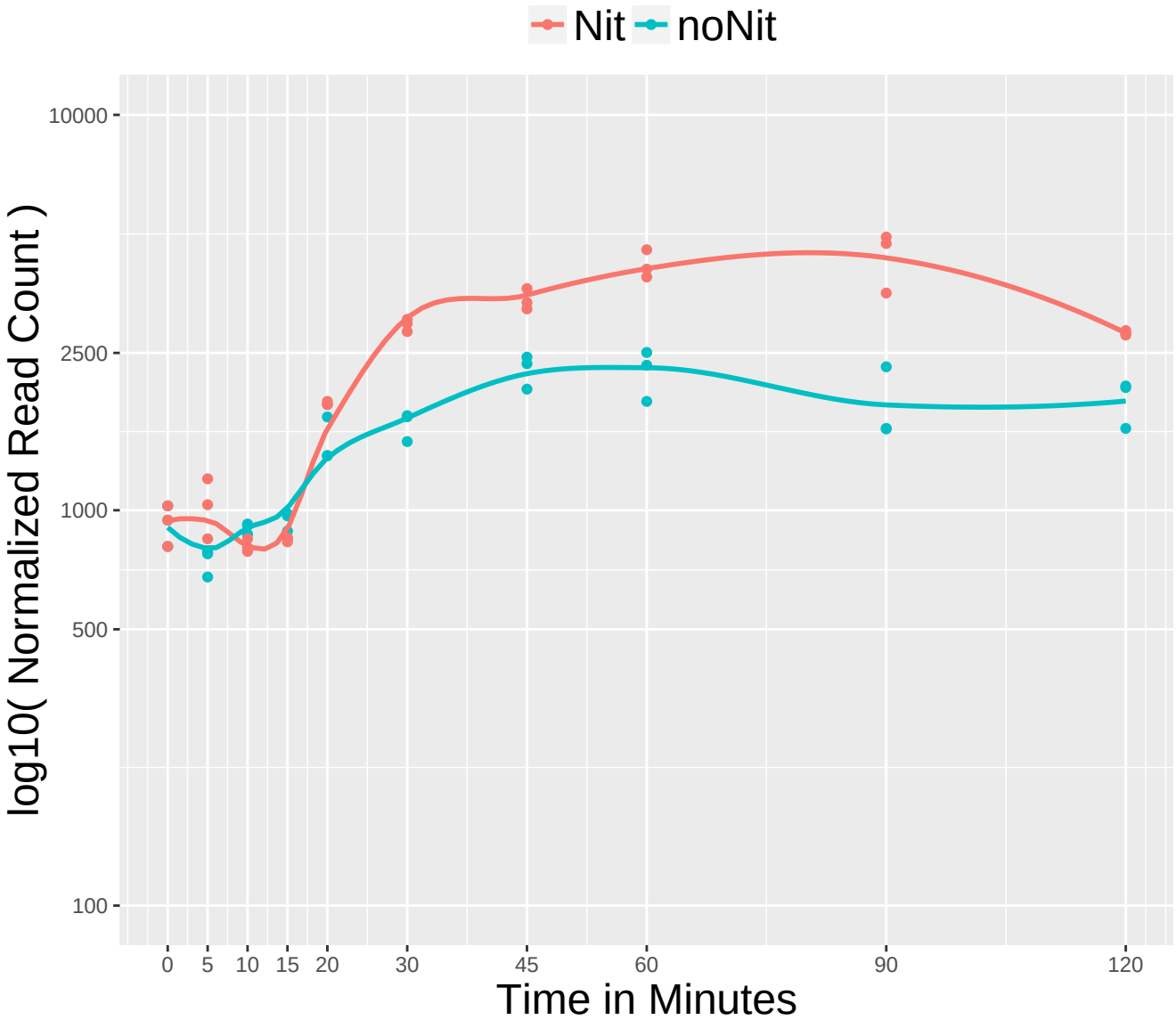
AT5G58320

NET4A,Networked



AT5G58700

ATPLC4,,PLC4,phosphatidylinositol−speciwc



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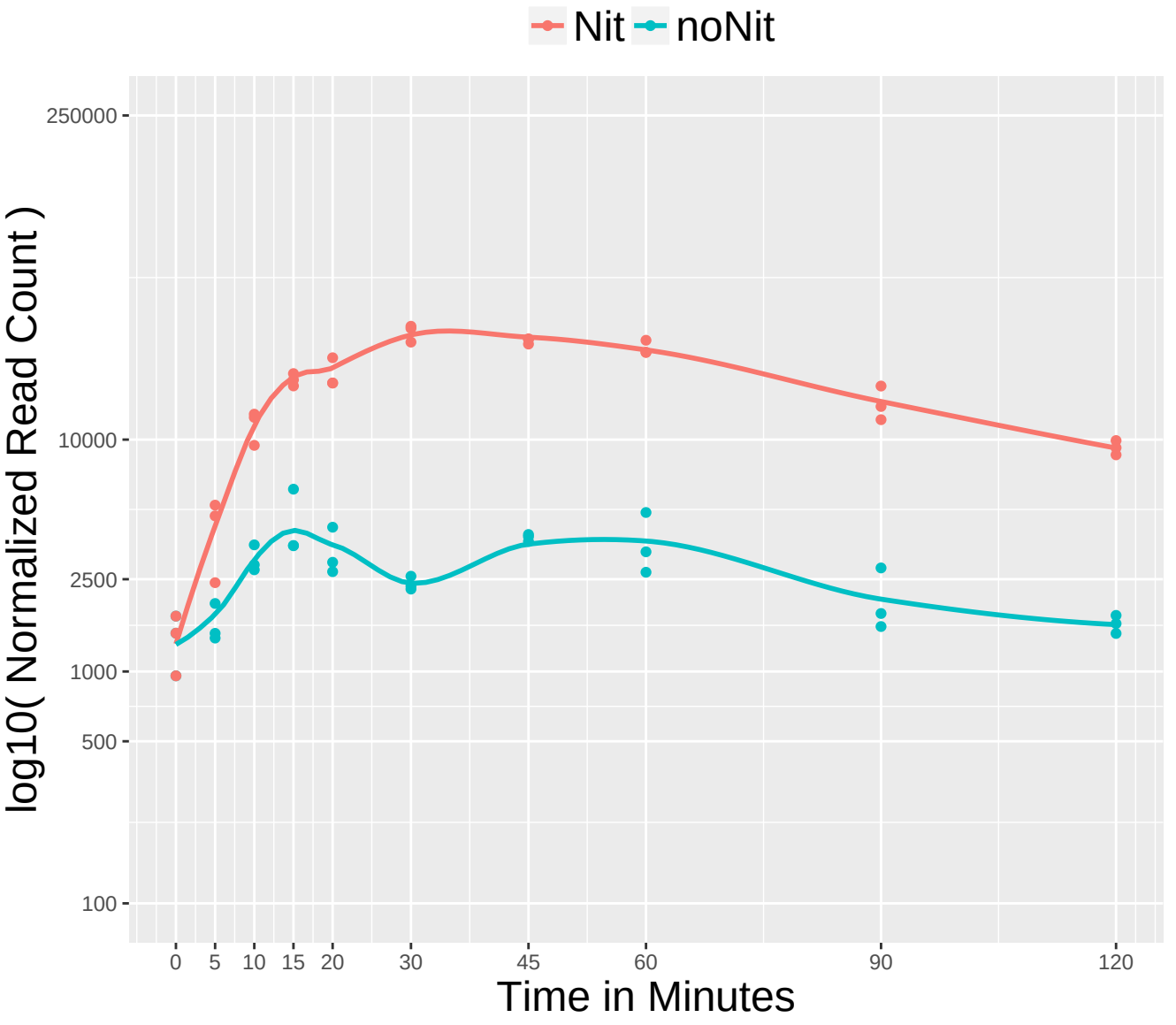
ASL39,ASYMMETRIC



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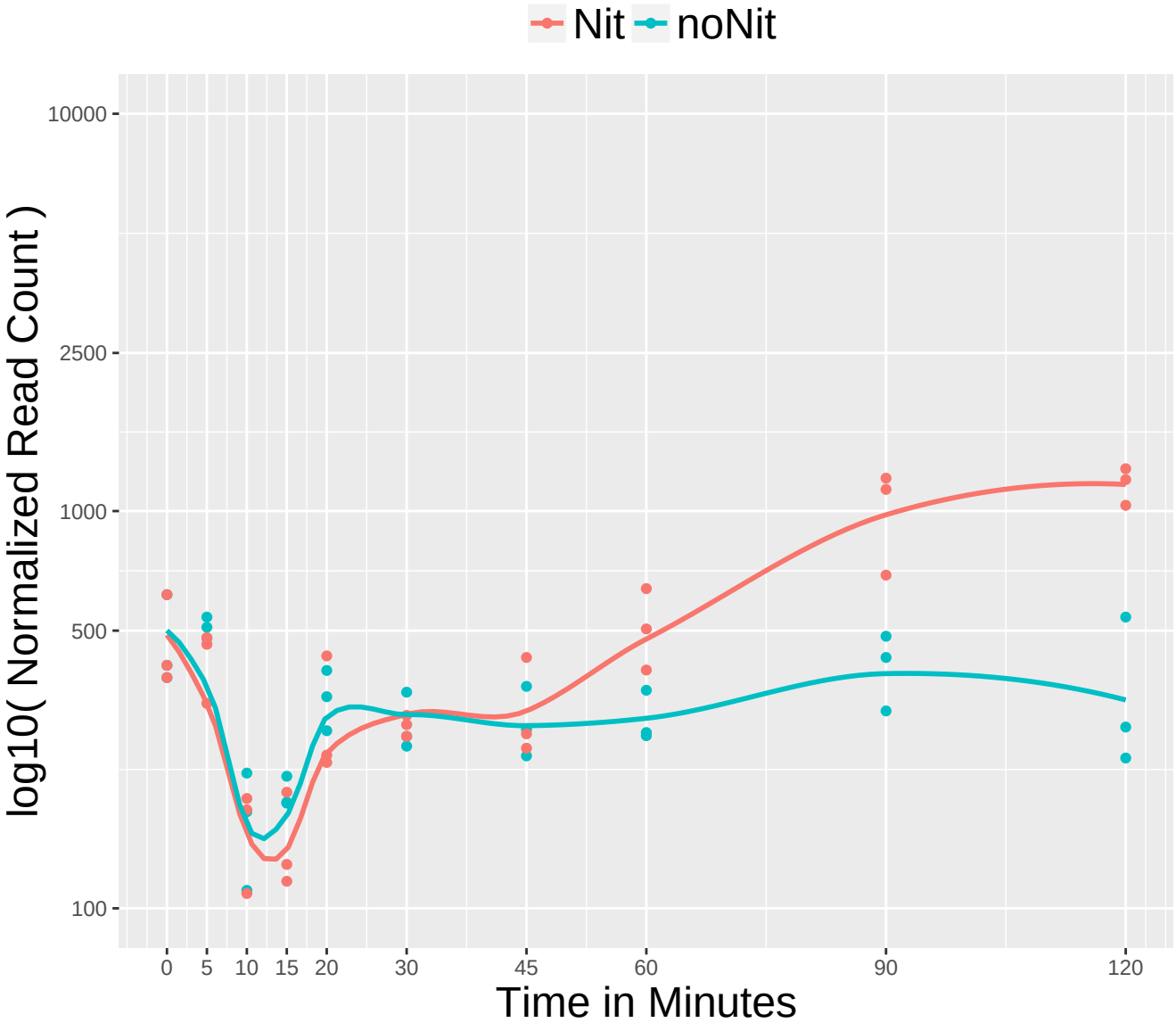
atnudt18,nudix



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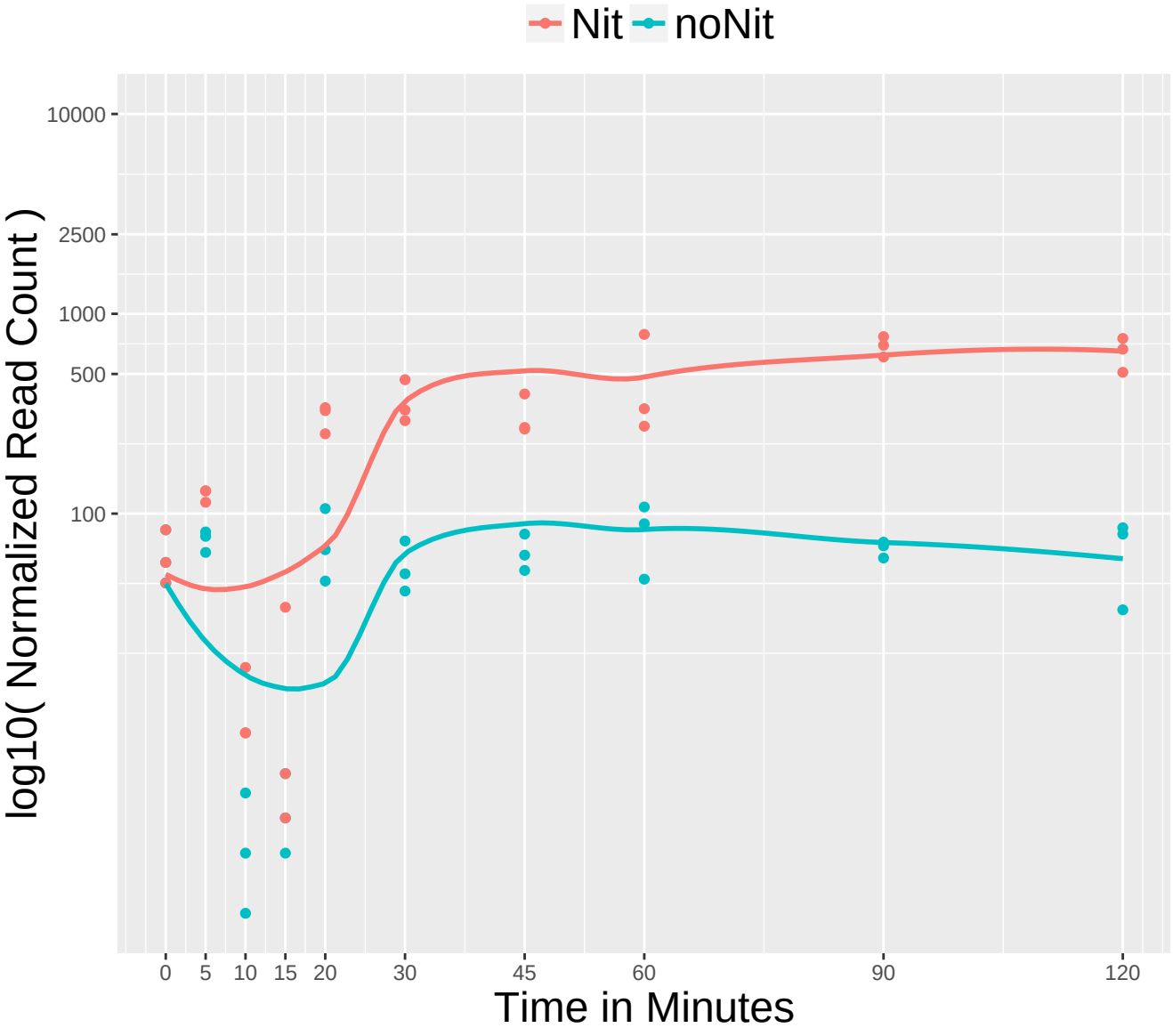
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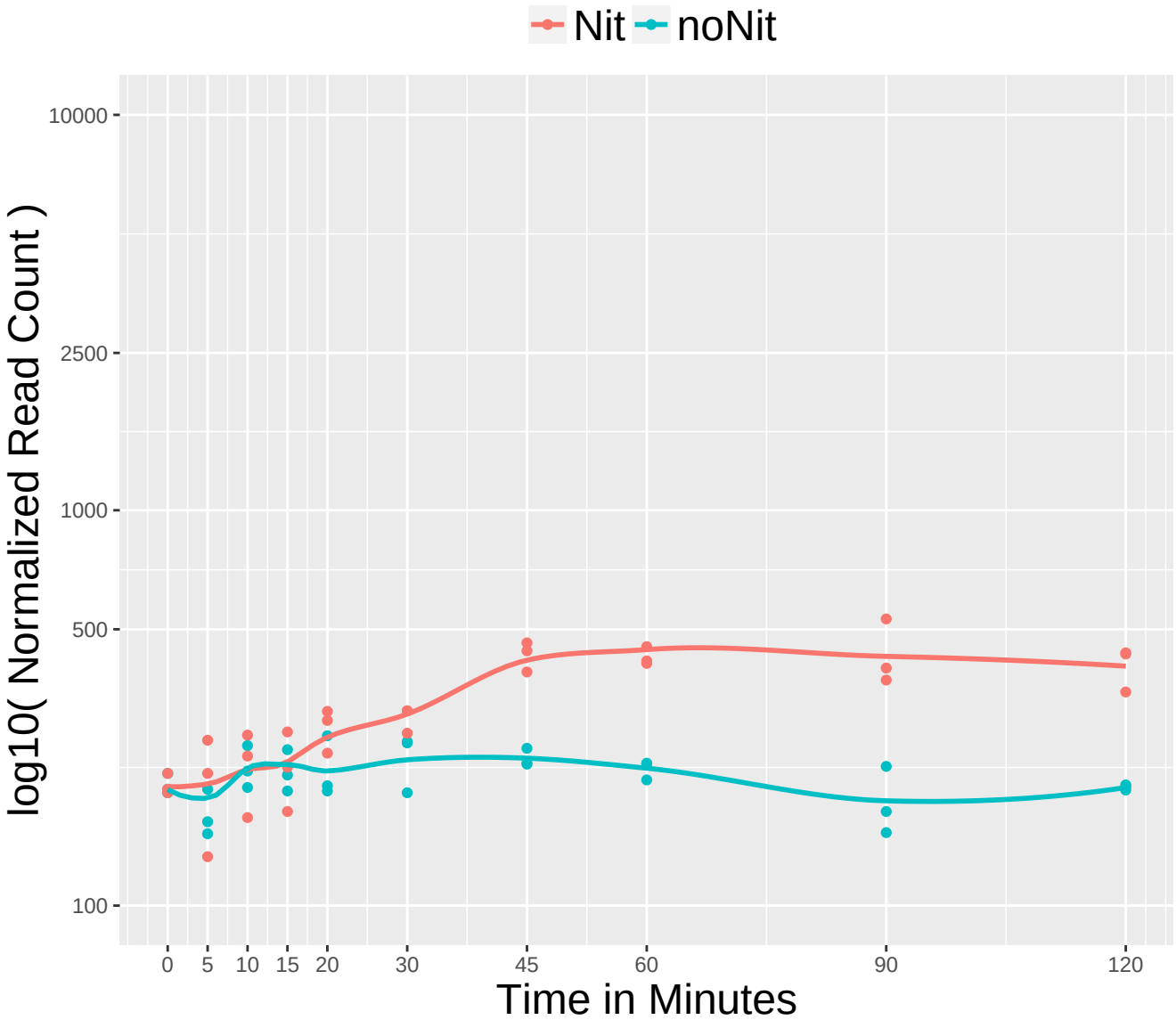
120
Time in Minutes

AT1G43650

UMAMIT22,Usually



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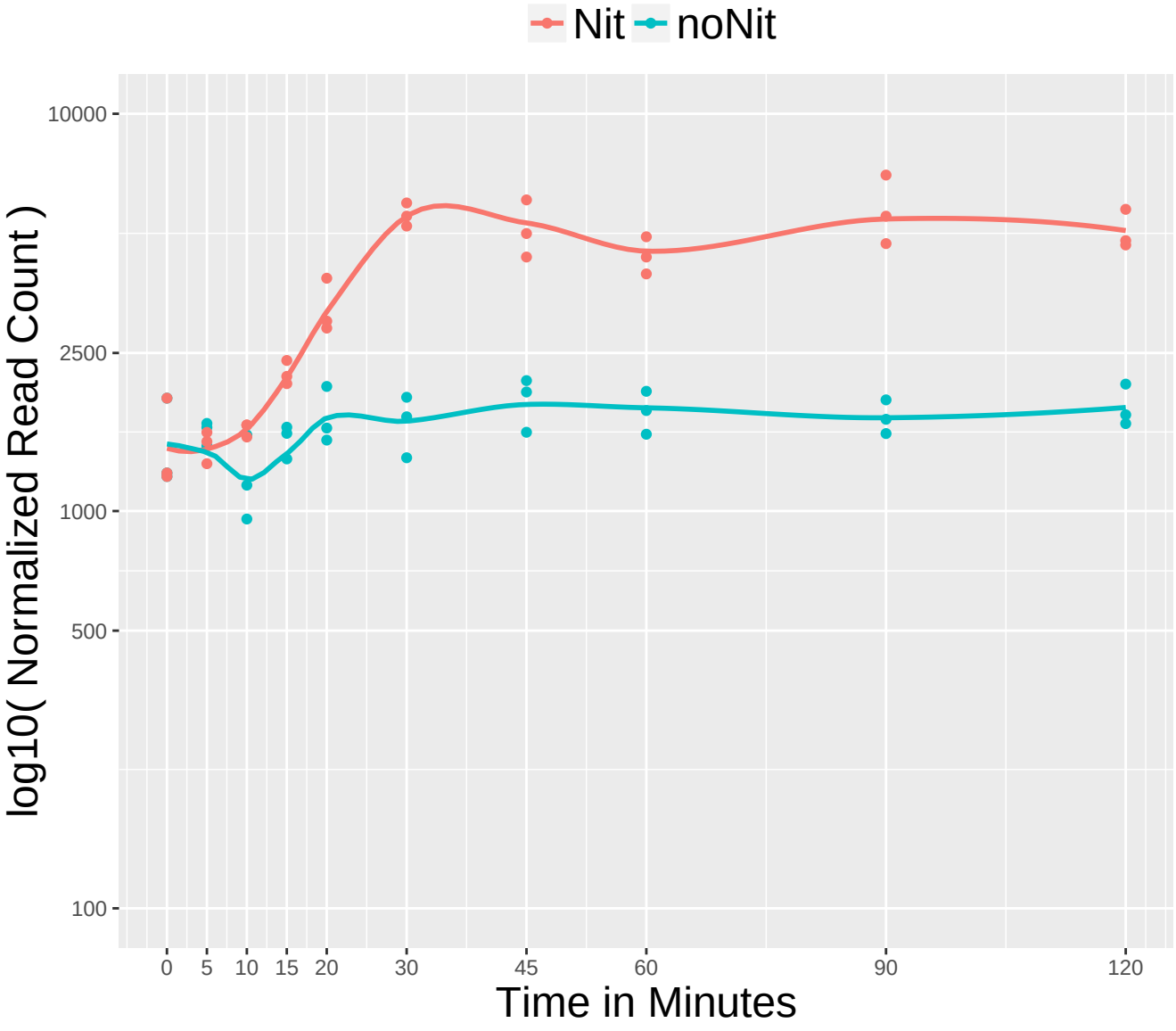
ATTPS10,trehalose



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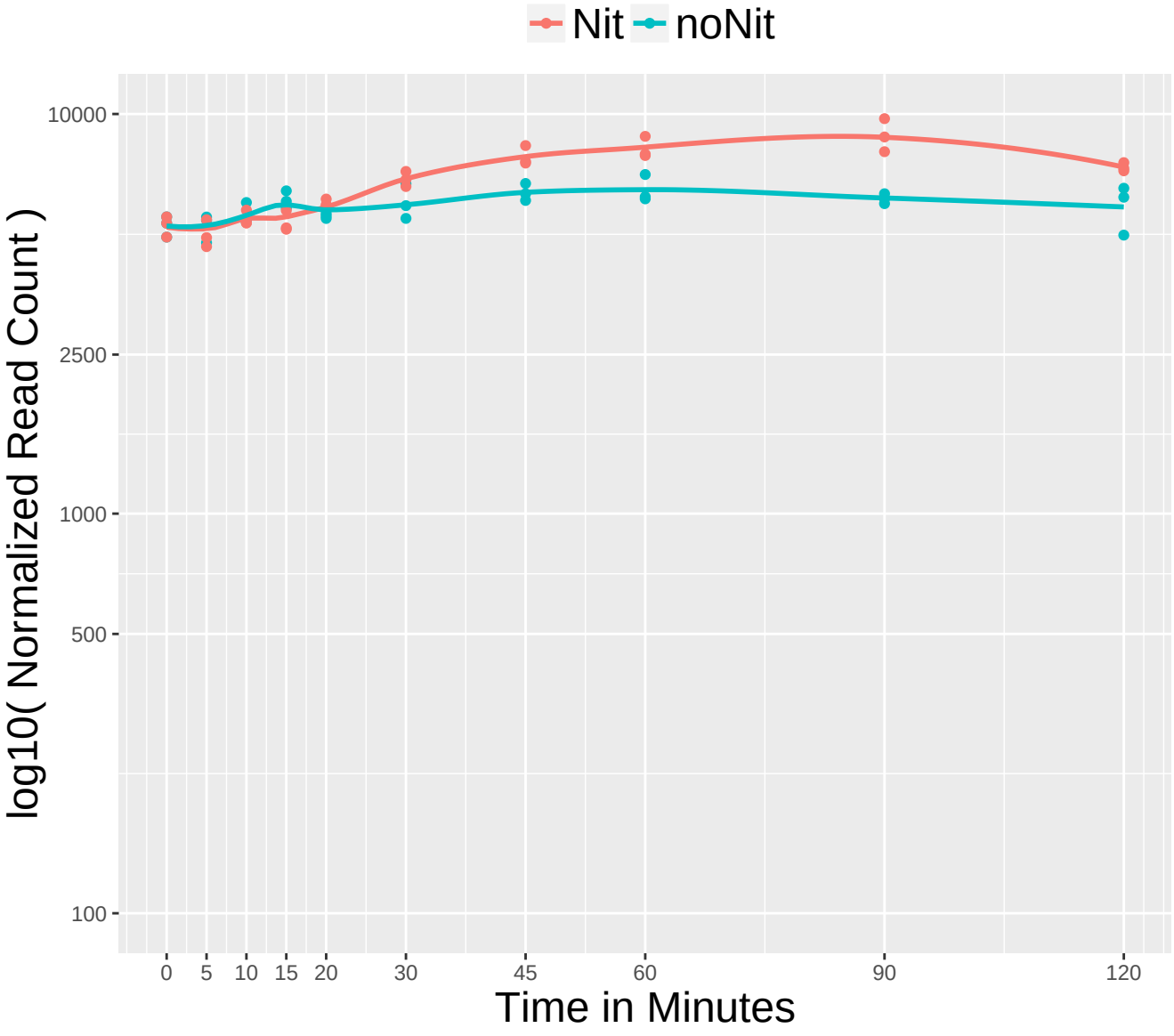
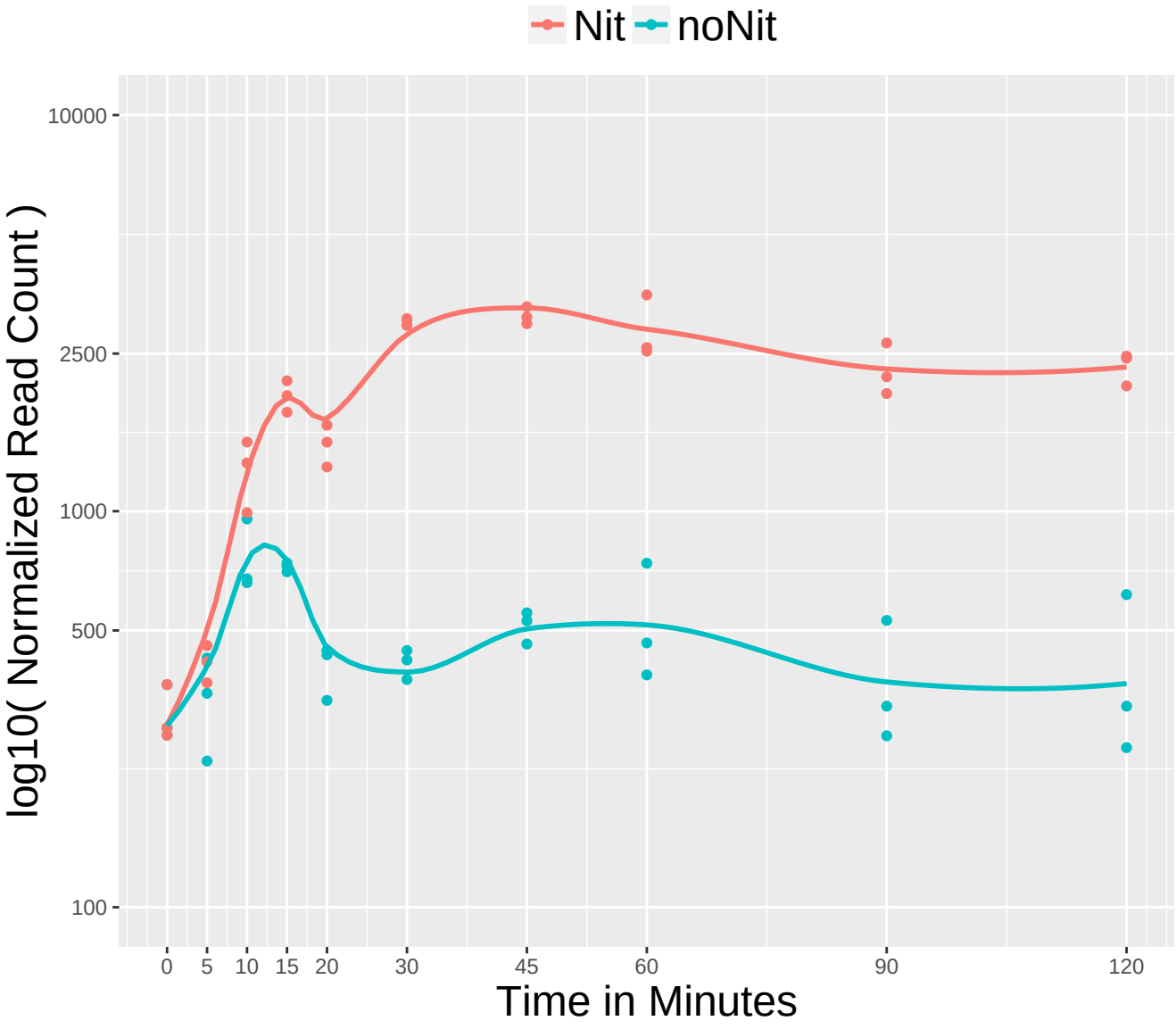
ATB2



AT1G68670

HHO2,myb−like



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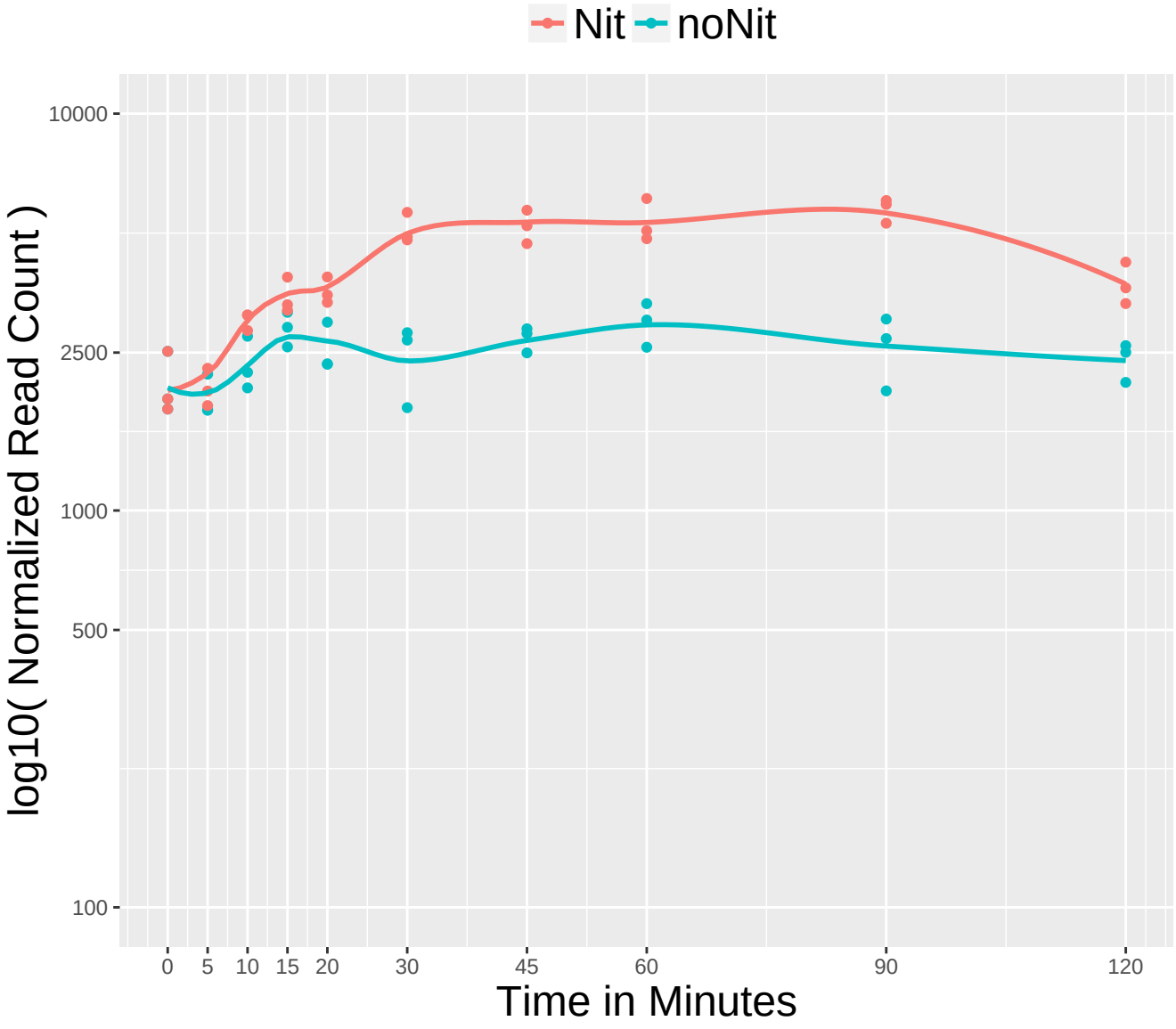
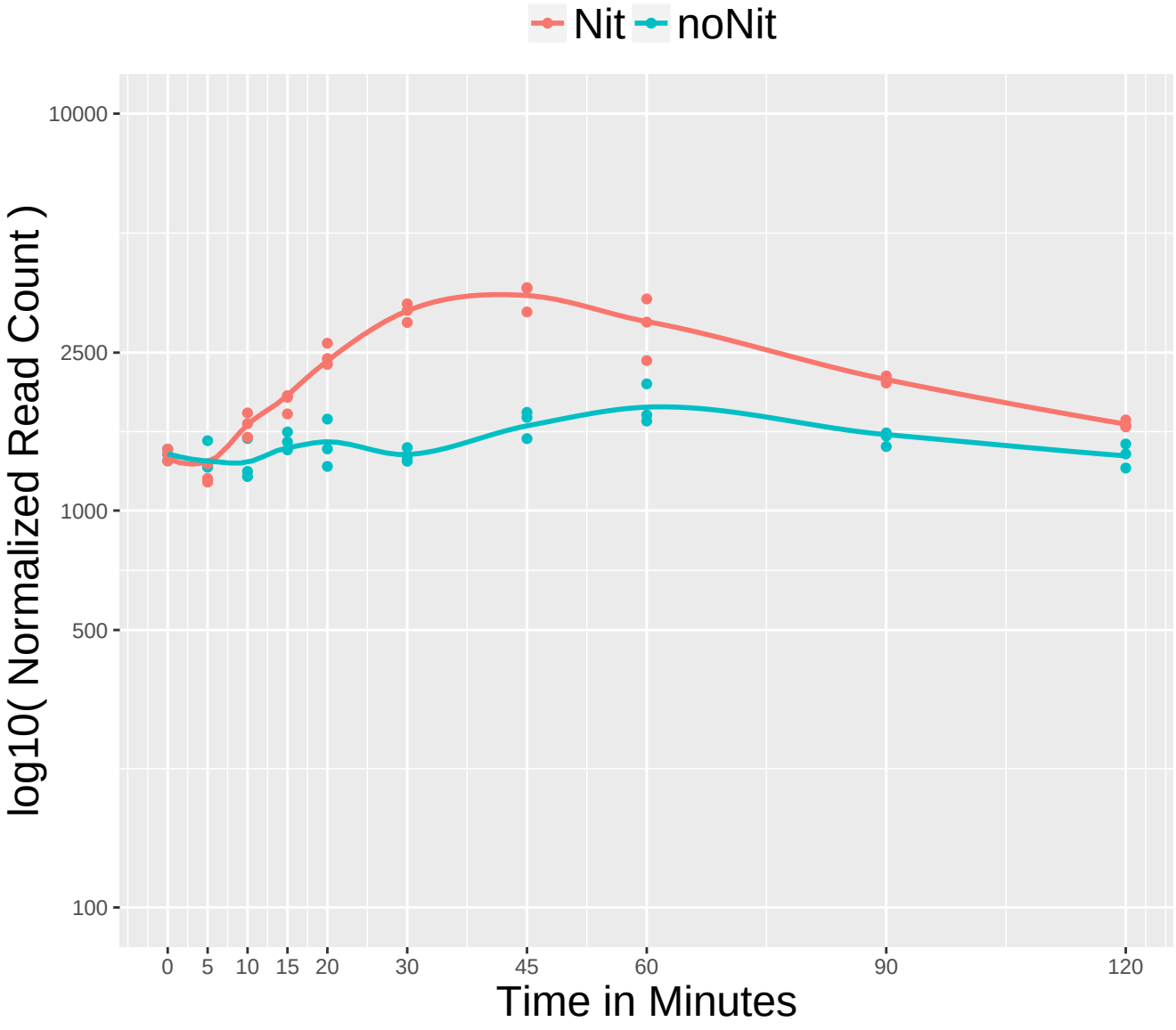
KUP6,K+



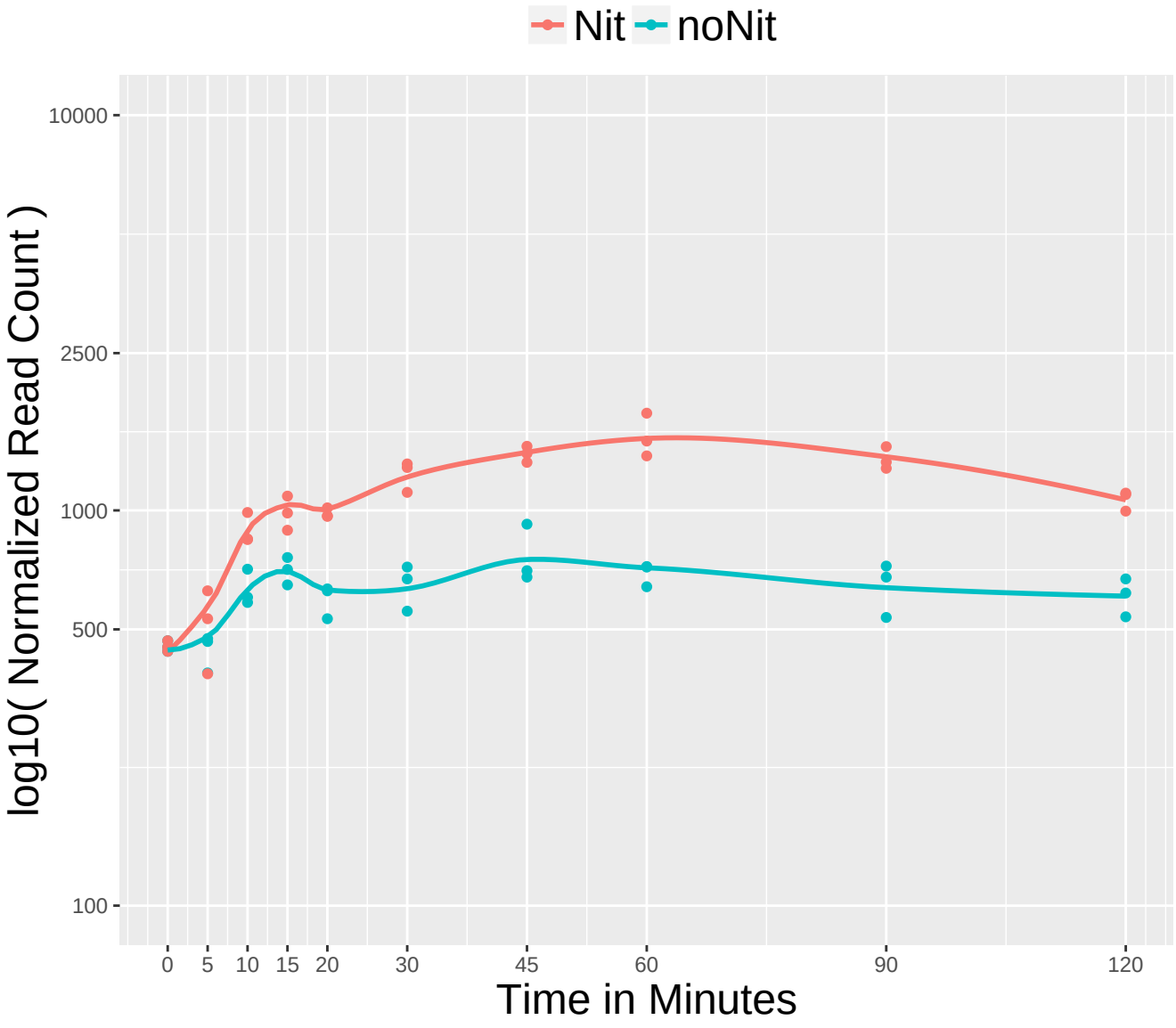
AT2G17150

NLP1,NIN−like



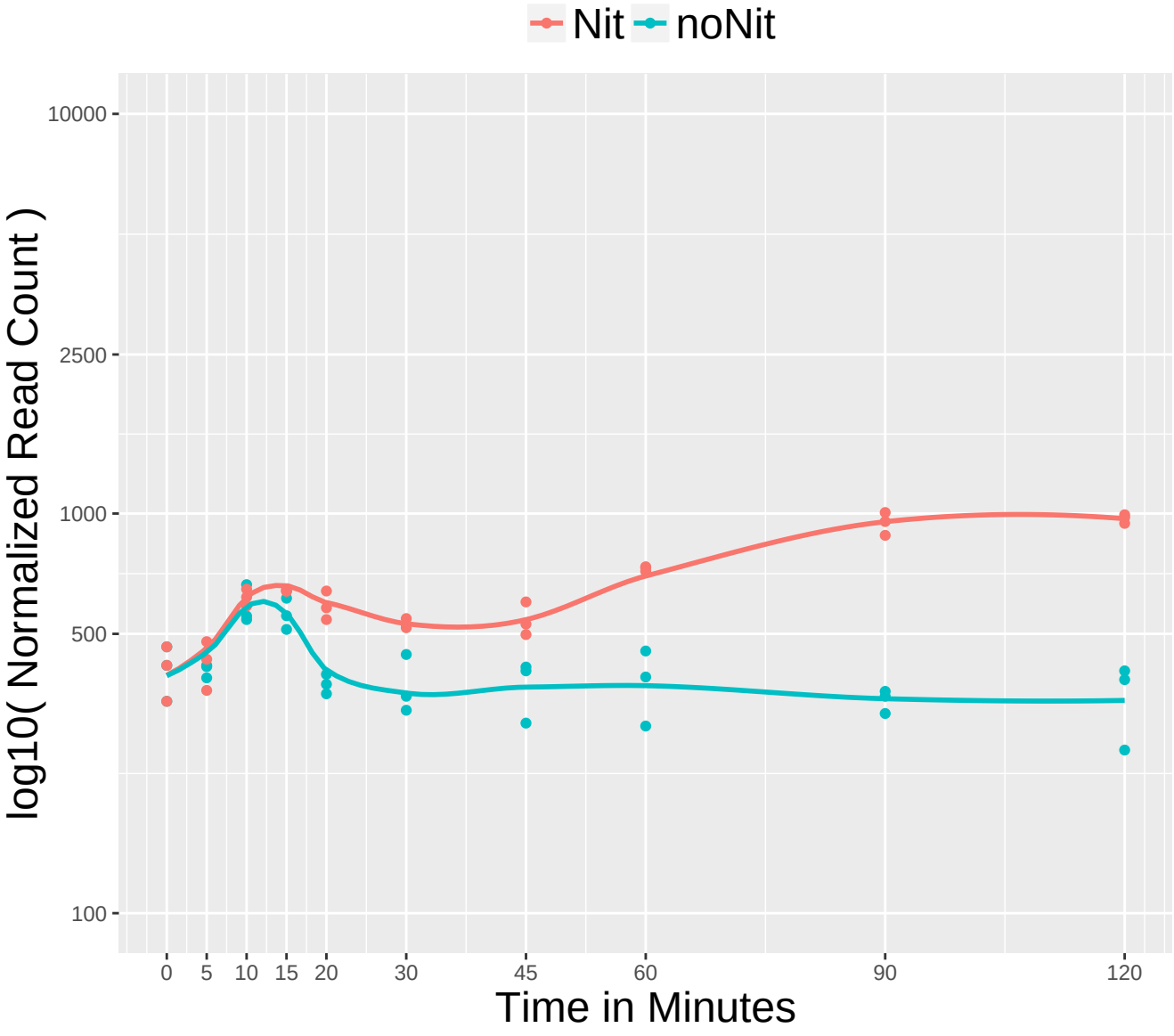
AT2G29730

UGT71D1,UDP−glucosyl



AT2G40400

Protein



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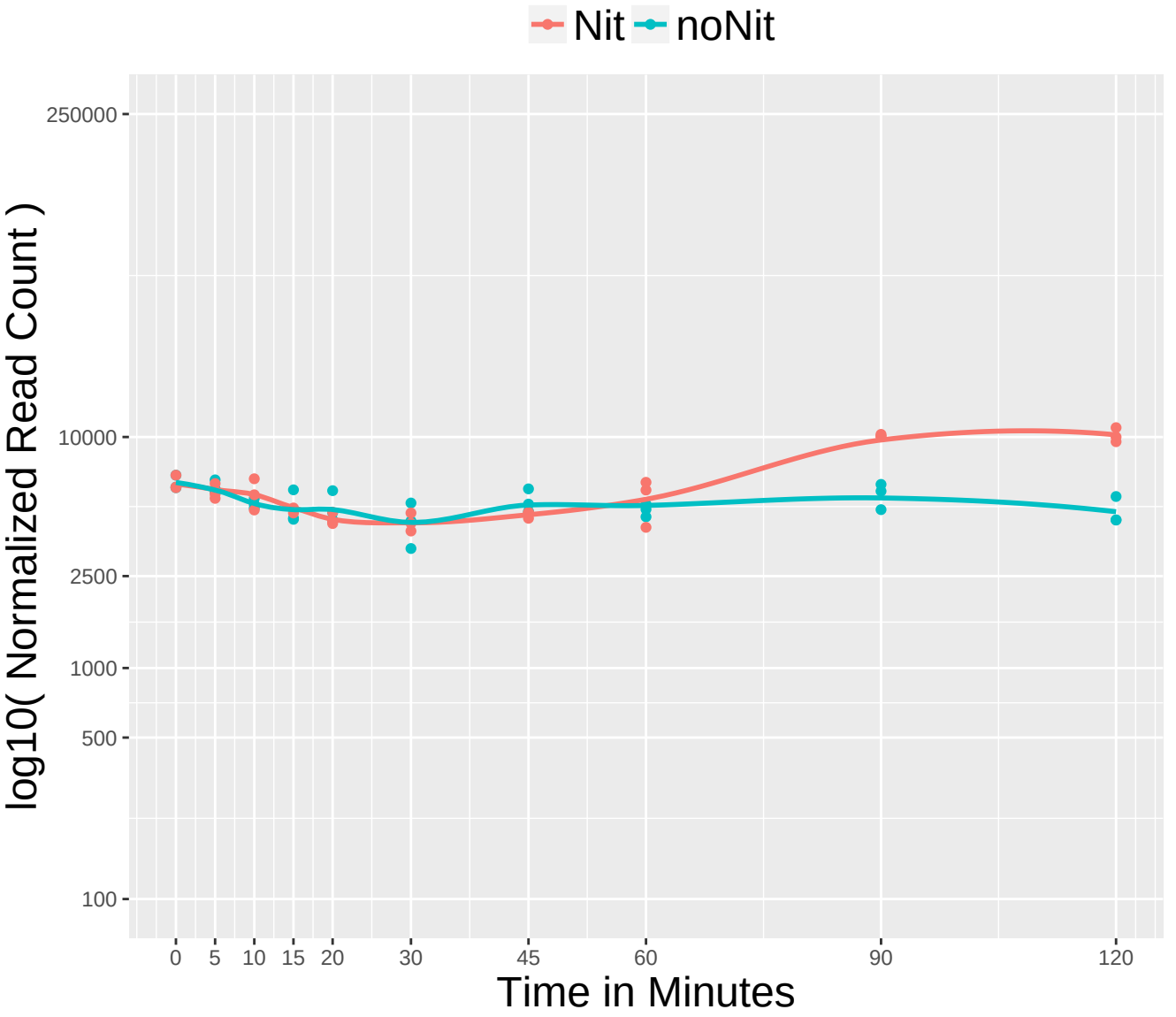

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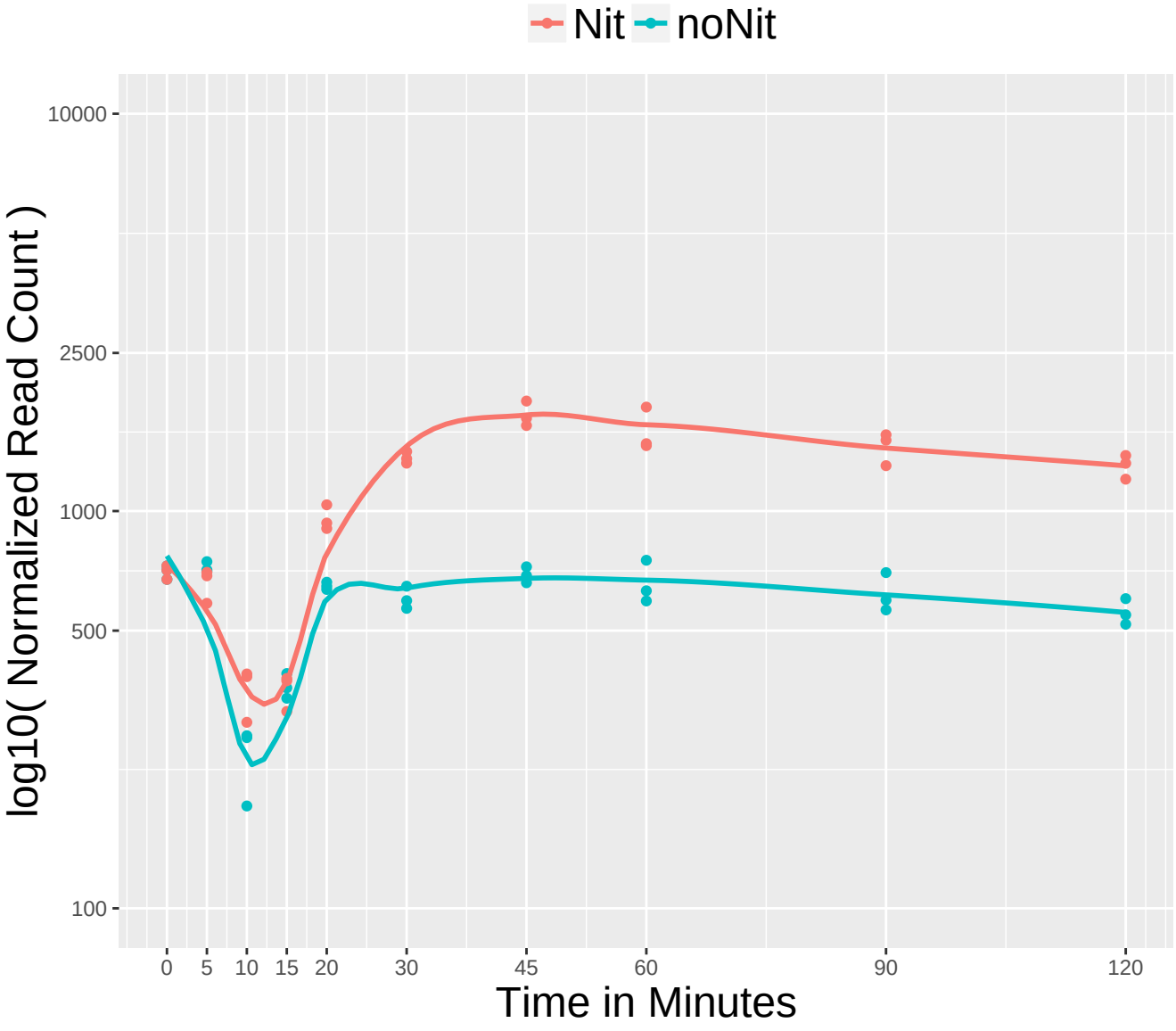
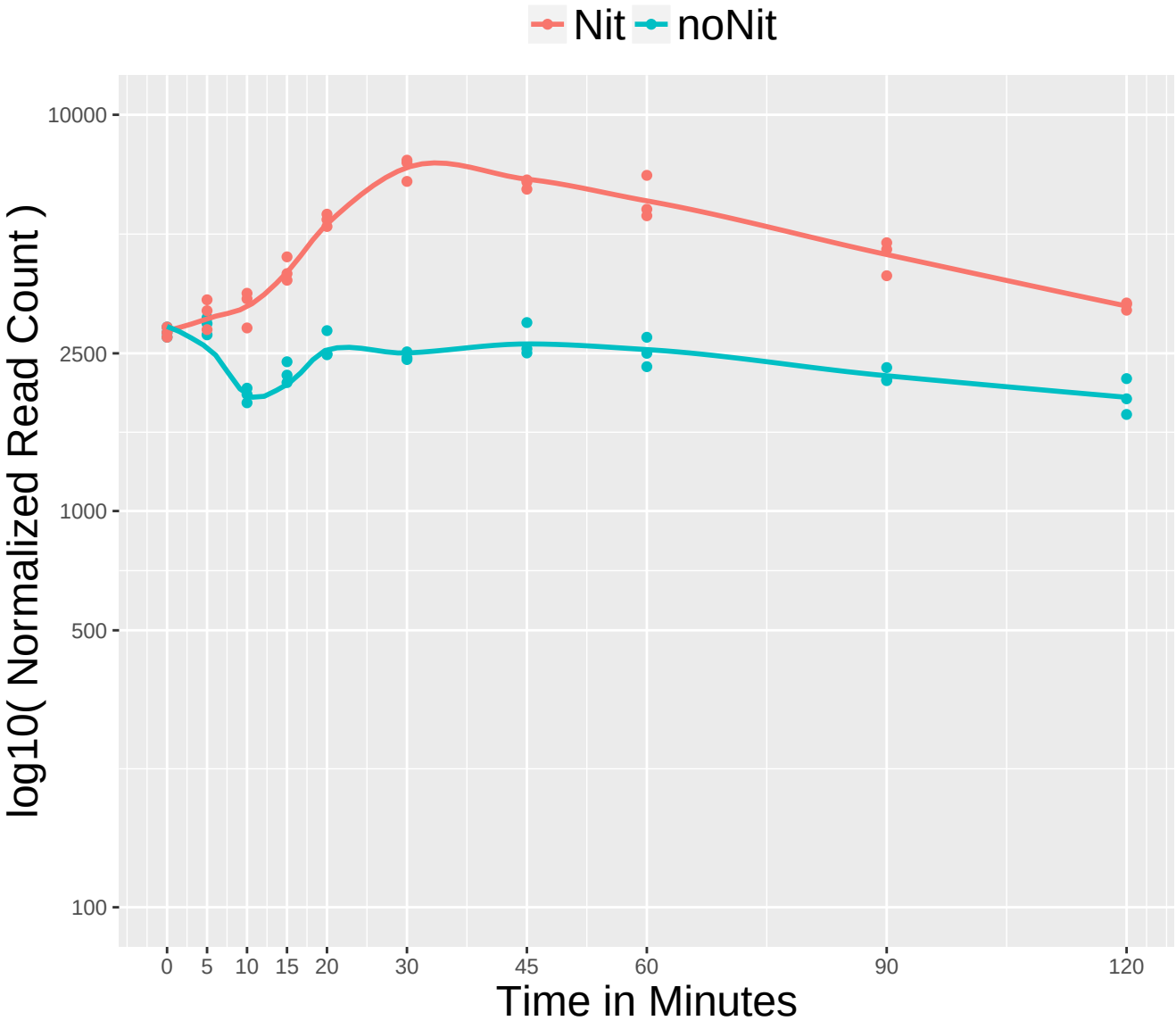
ATNUDT23,ARABIDOPSIS



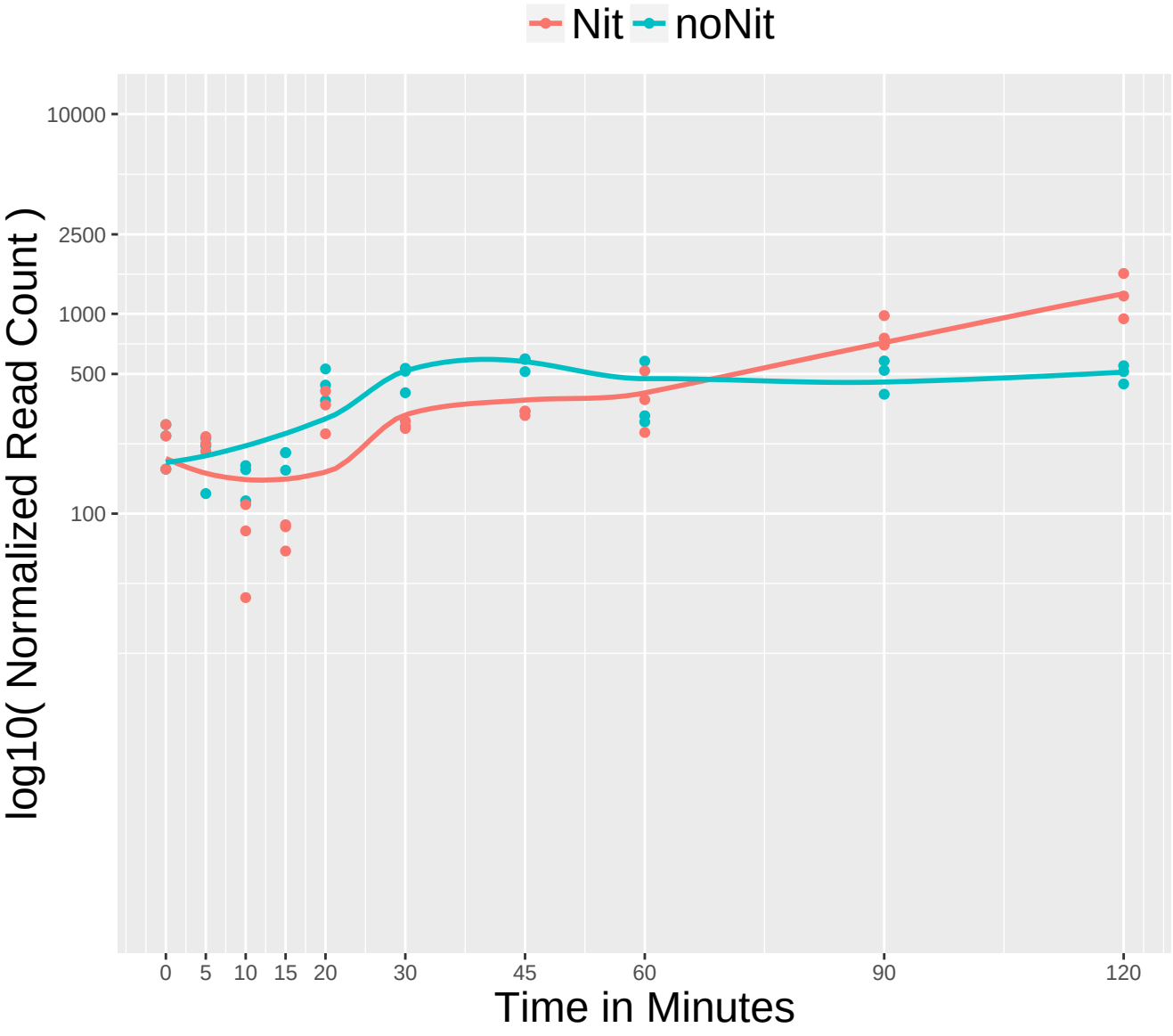
AT2G46620

P−loop



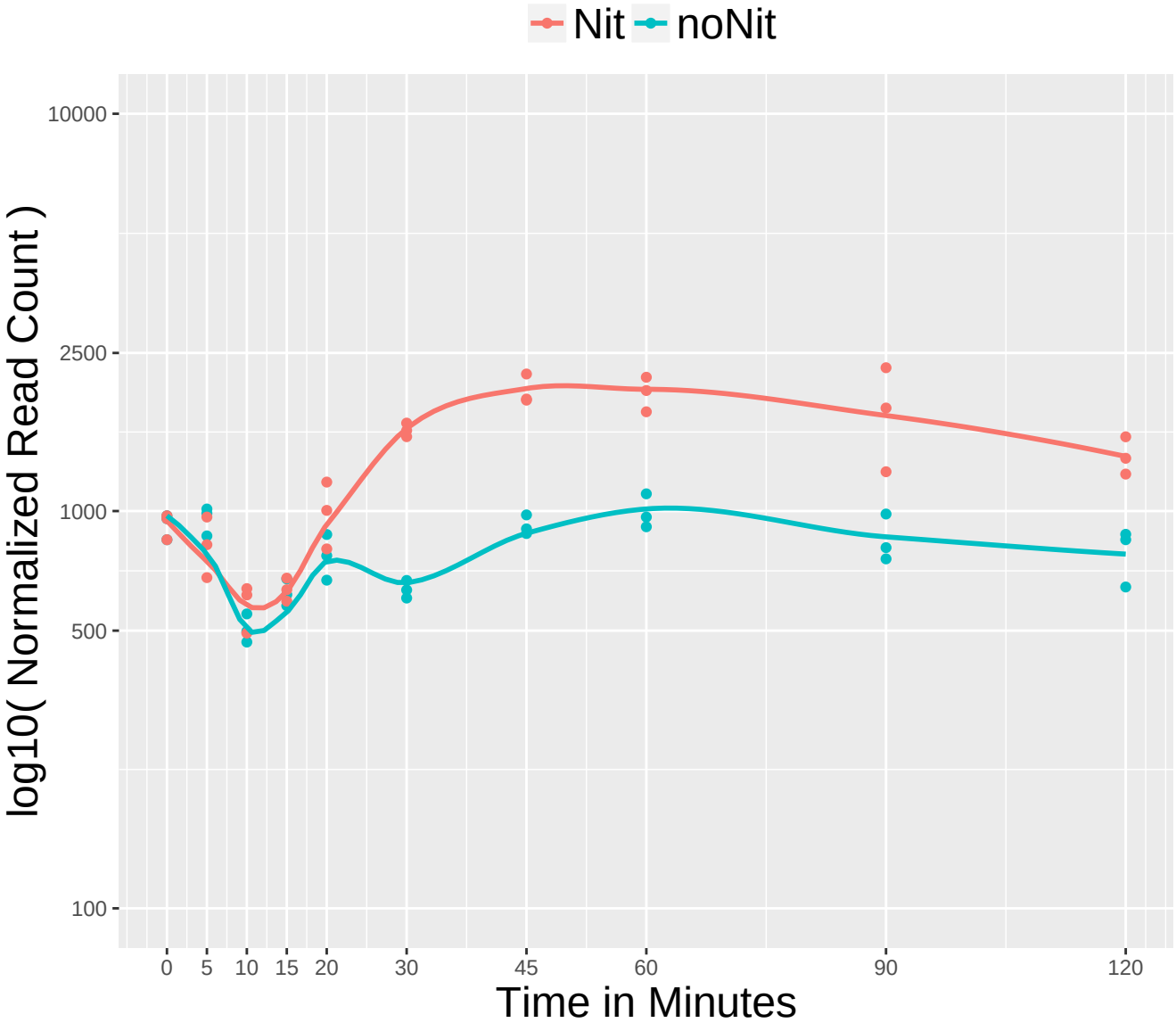
AT3G01260

Galactose



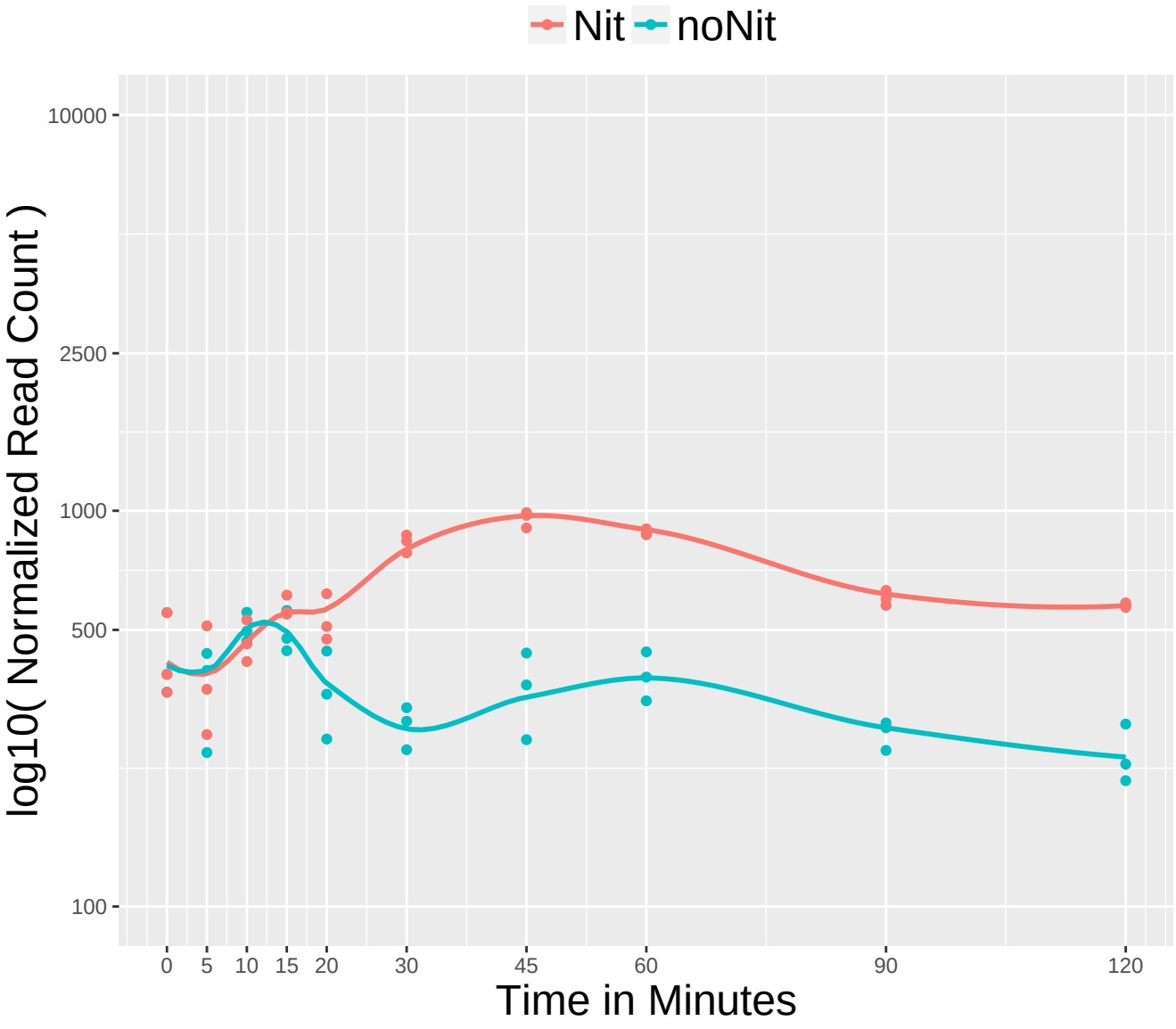
AT3G06370

ATNHX4,,NHX4,sodium



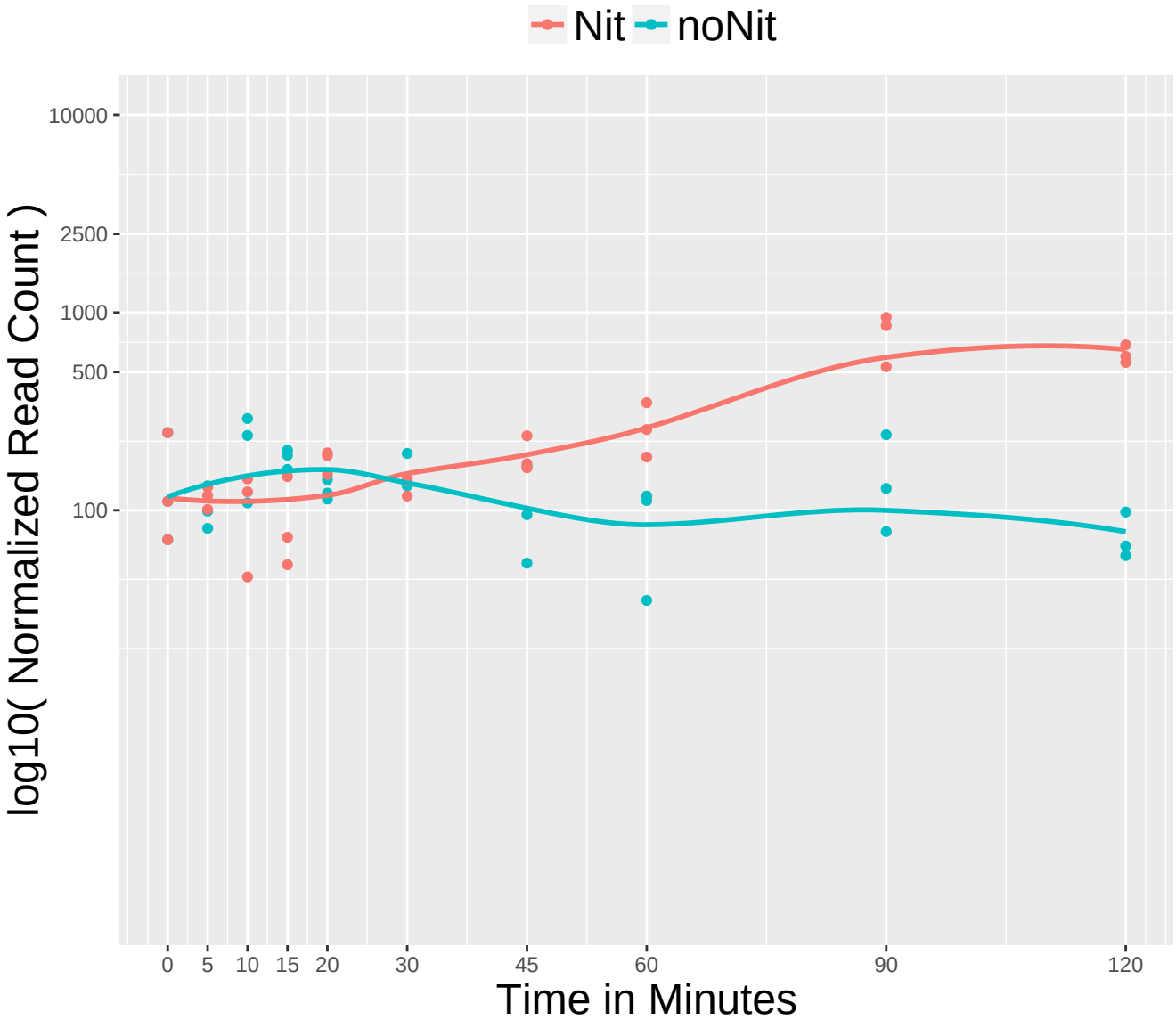
AT3G46650

UDP−Glycosyltransferase



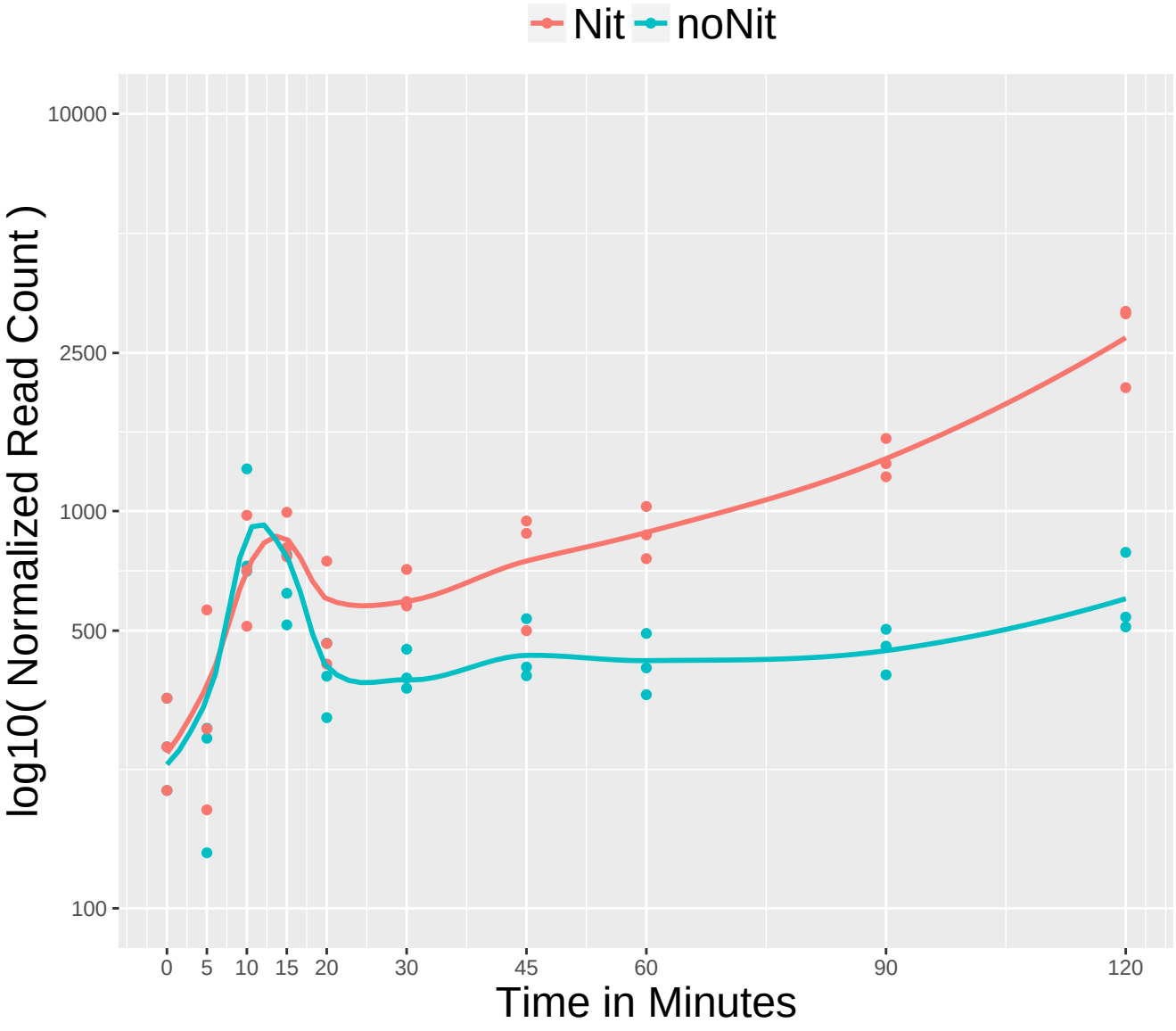
AT4G29740

ATCKX4,,CKX4,cytokinin



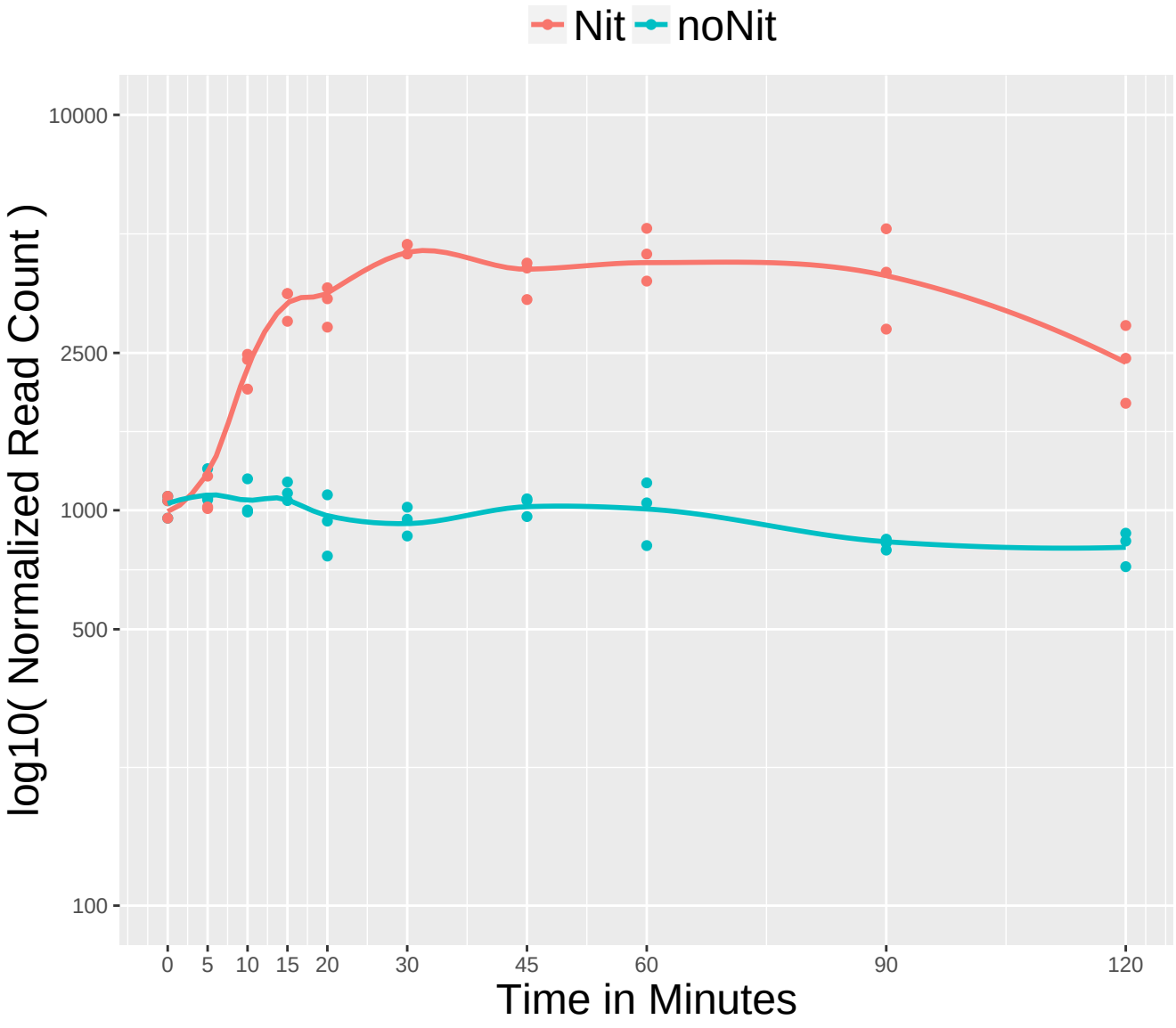
AT5G23220

NIC3,nicotinamidase



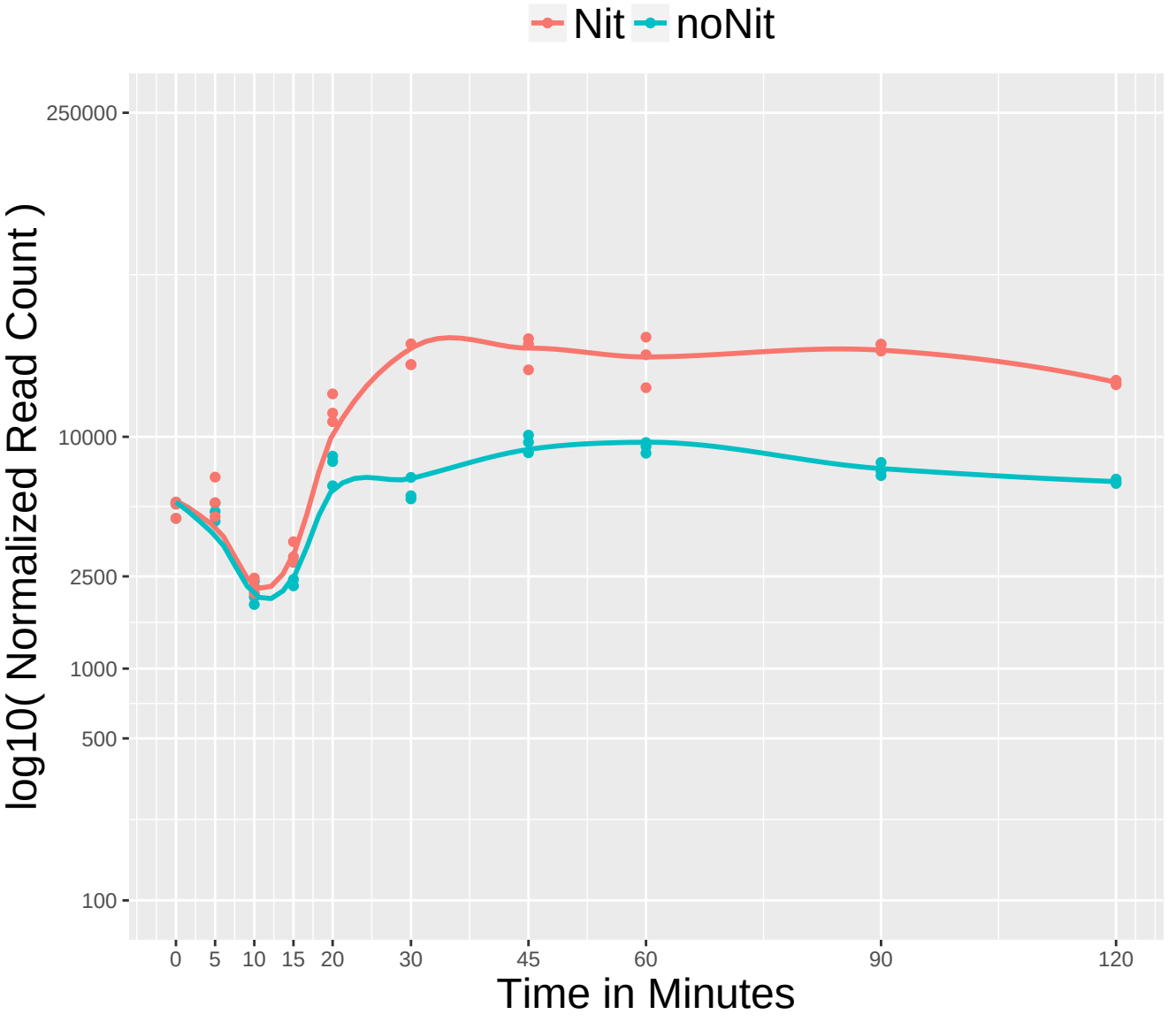
AT5G54170

Polyketide



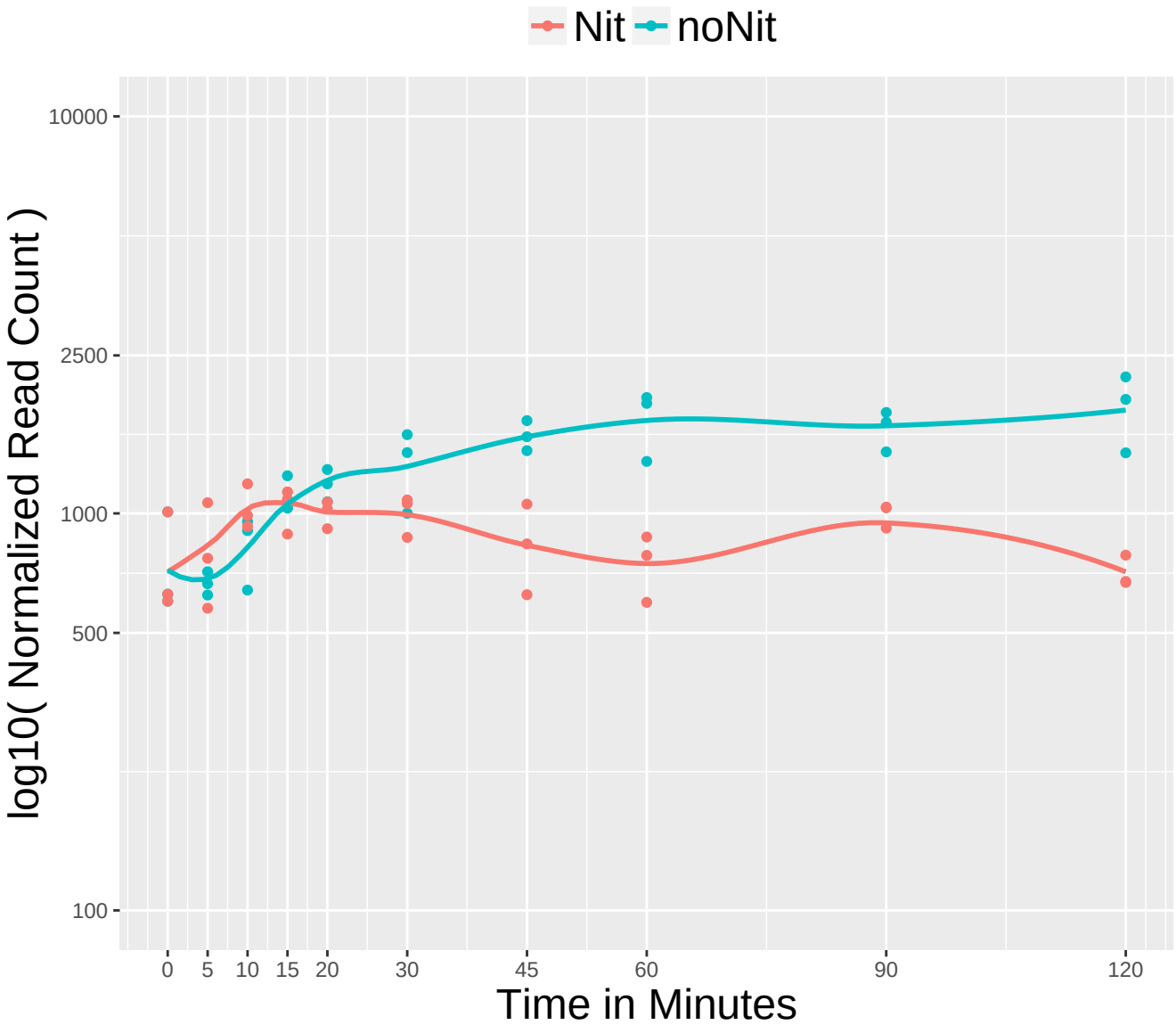
AT5G65210

TGA1,TGACG



AT1G34260

FAB1D,FORMS



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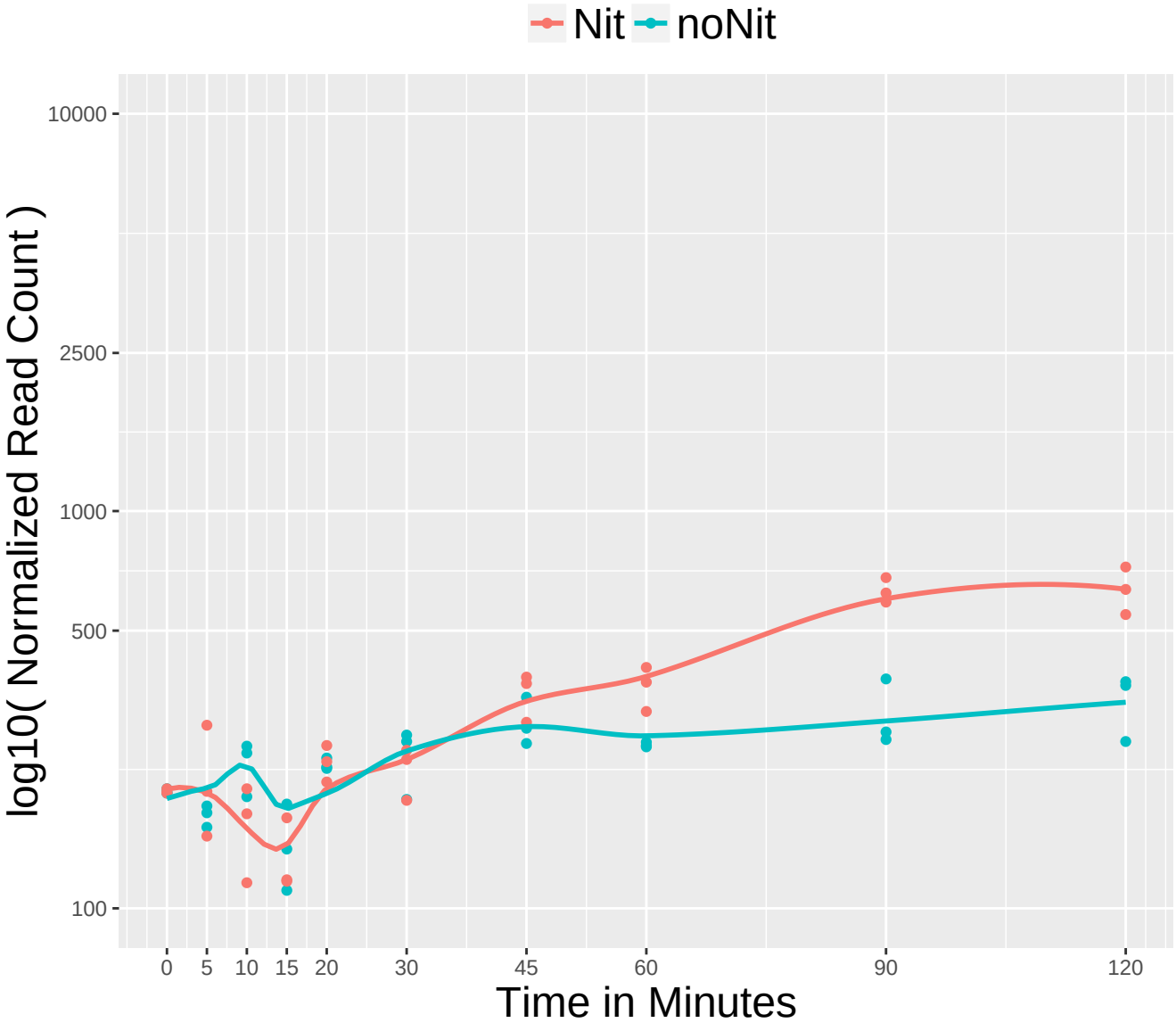
MSL4,mechanosensitive



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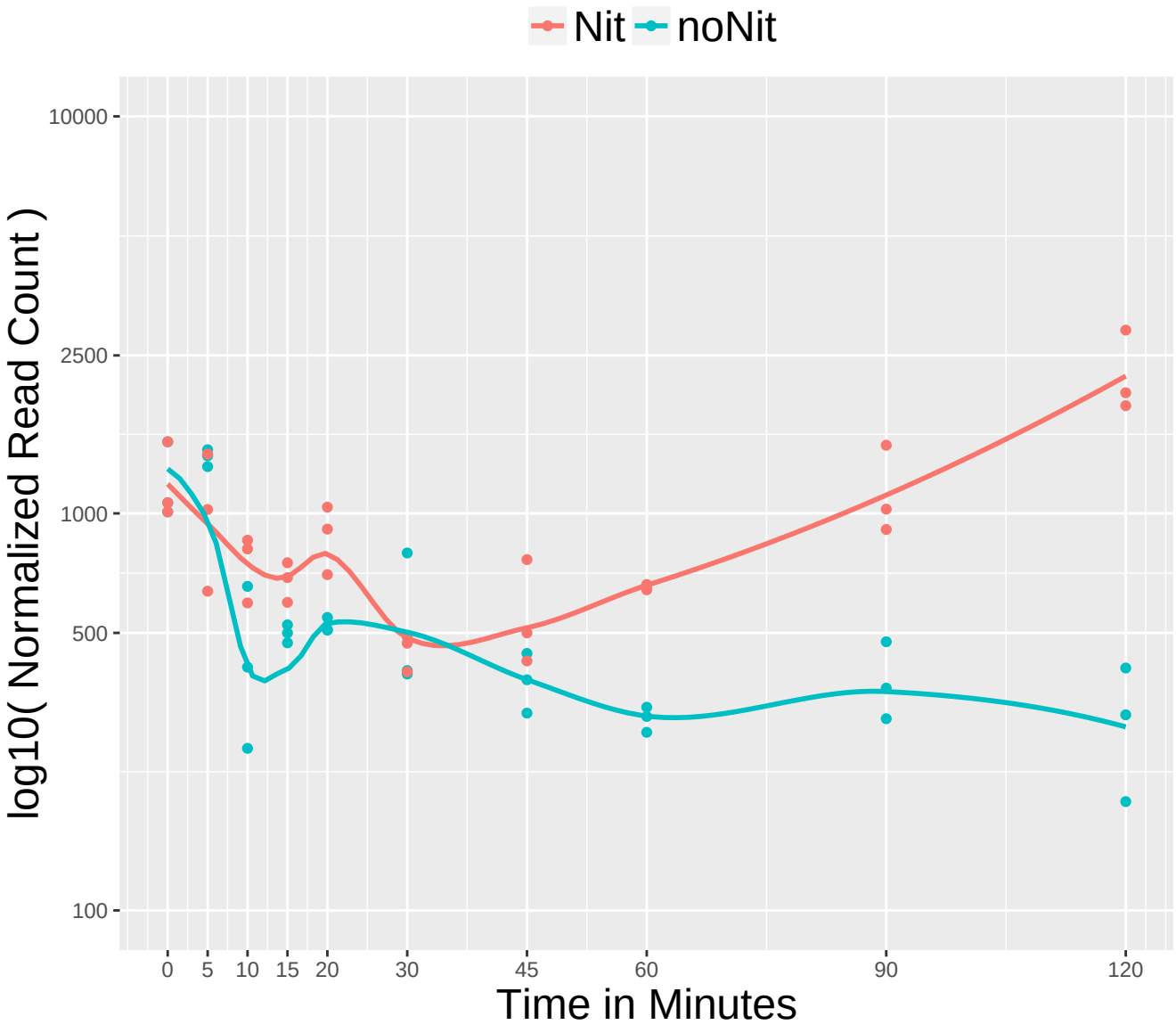
UKL3,uridine



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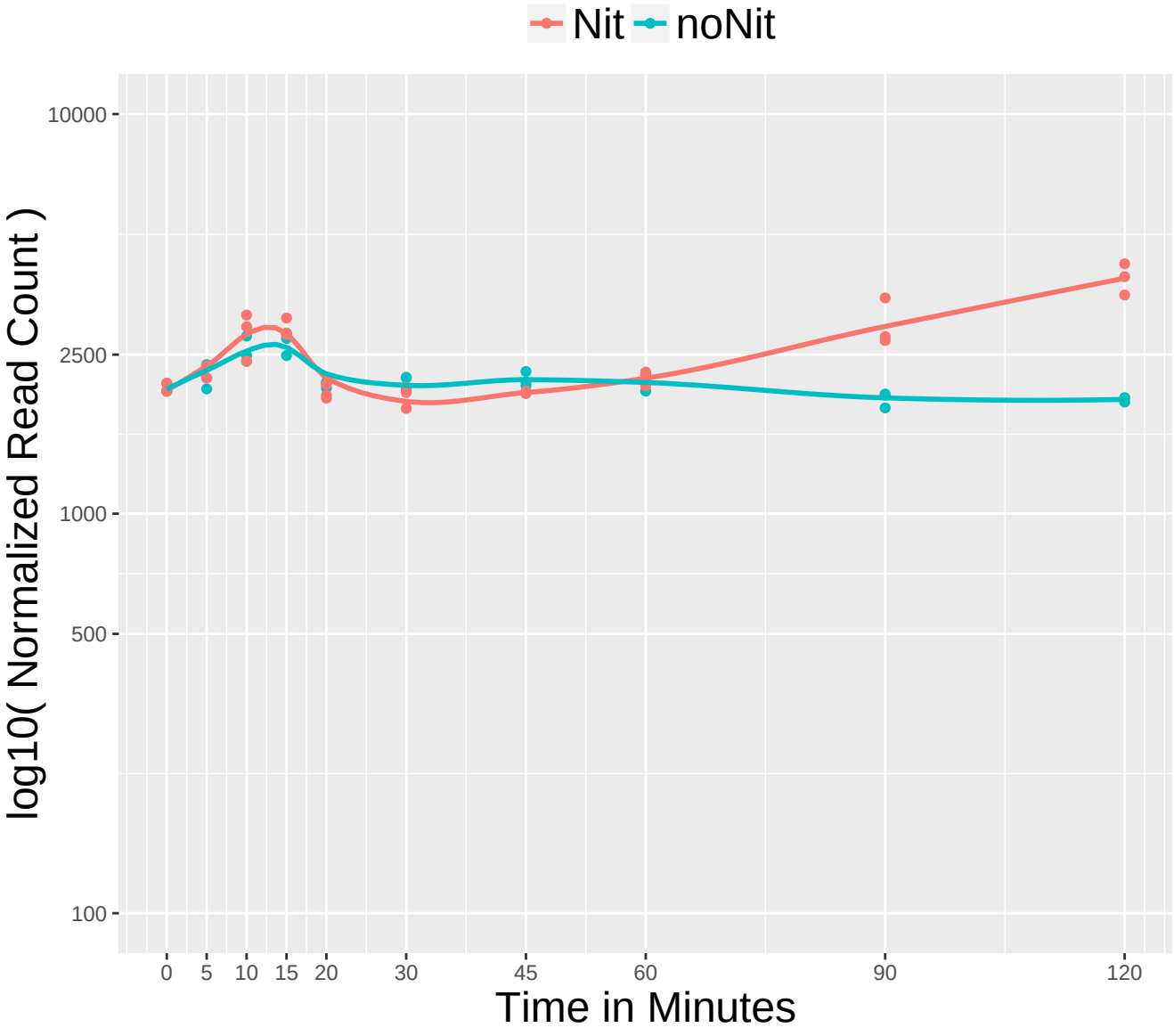
Galactose



AT2G15390

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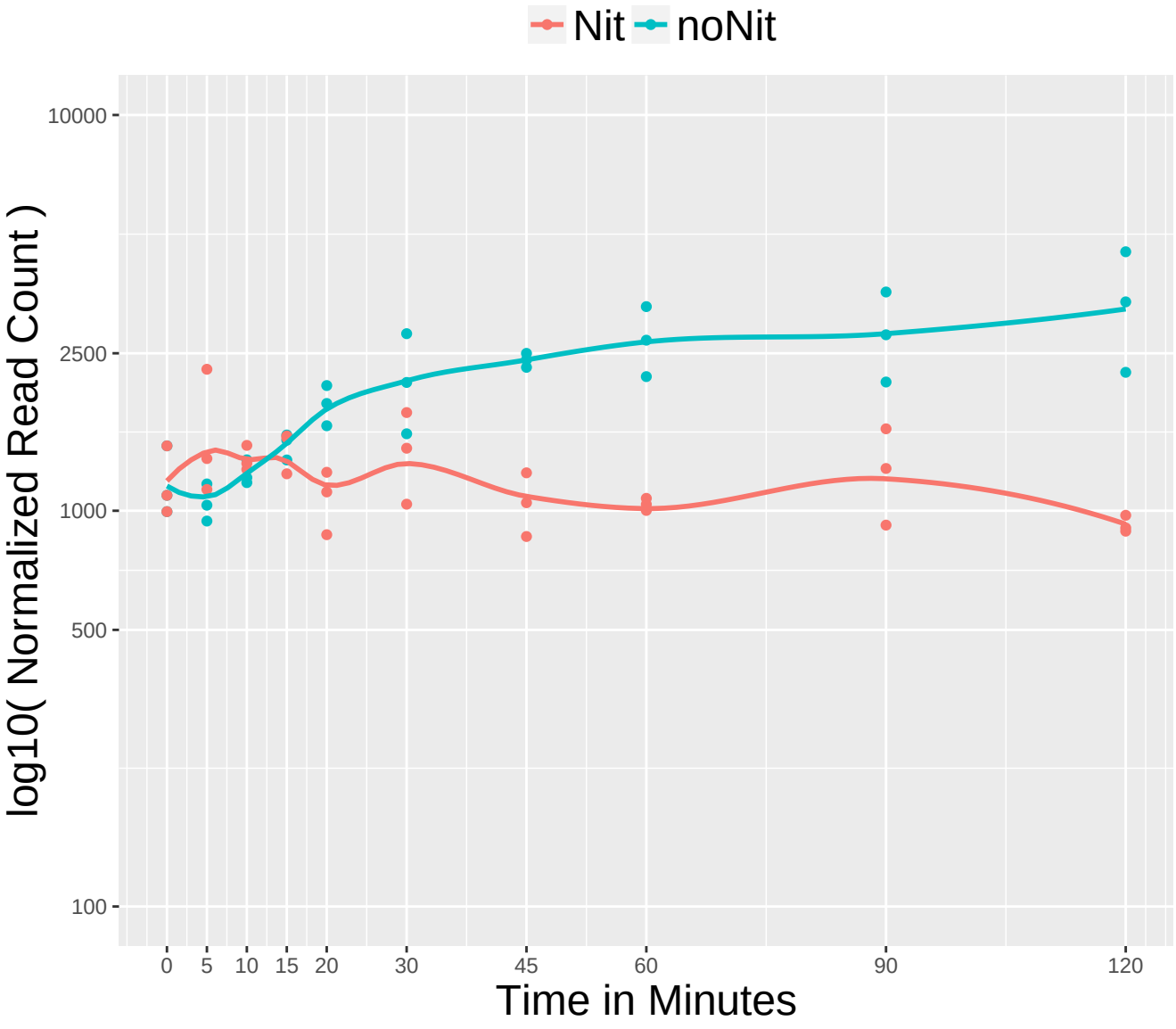

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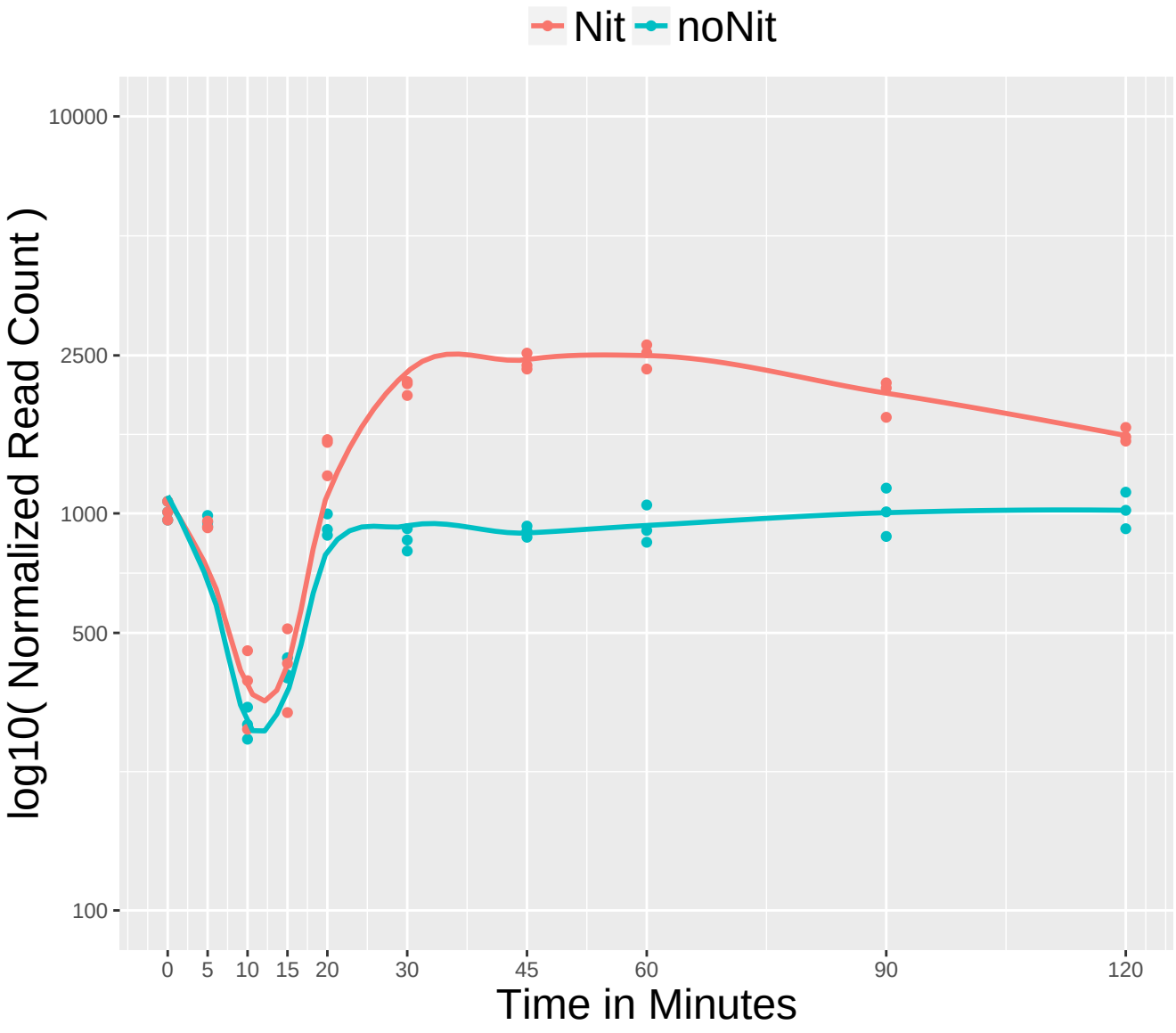
ATKEA4,K+



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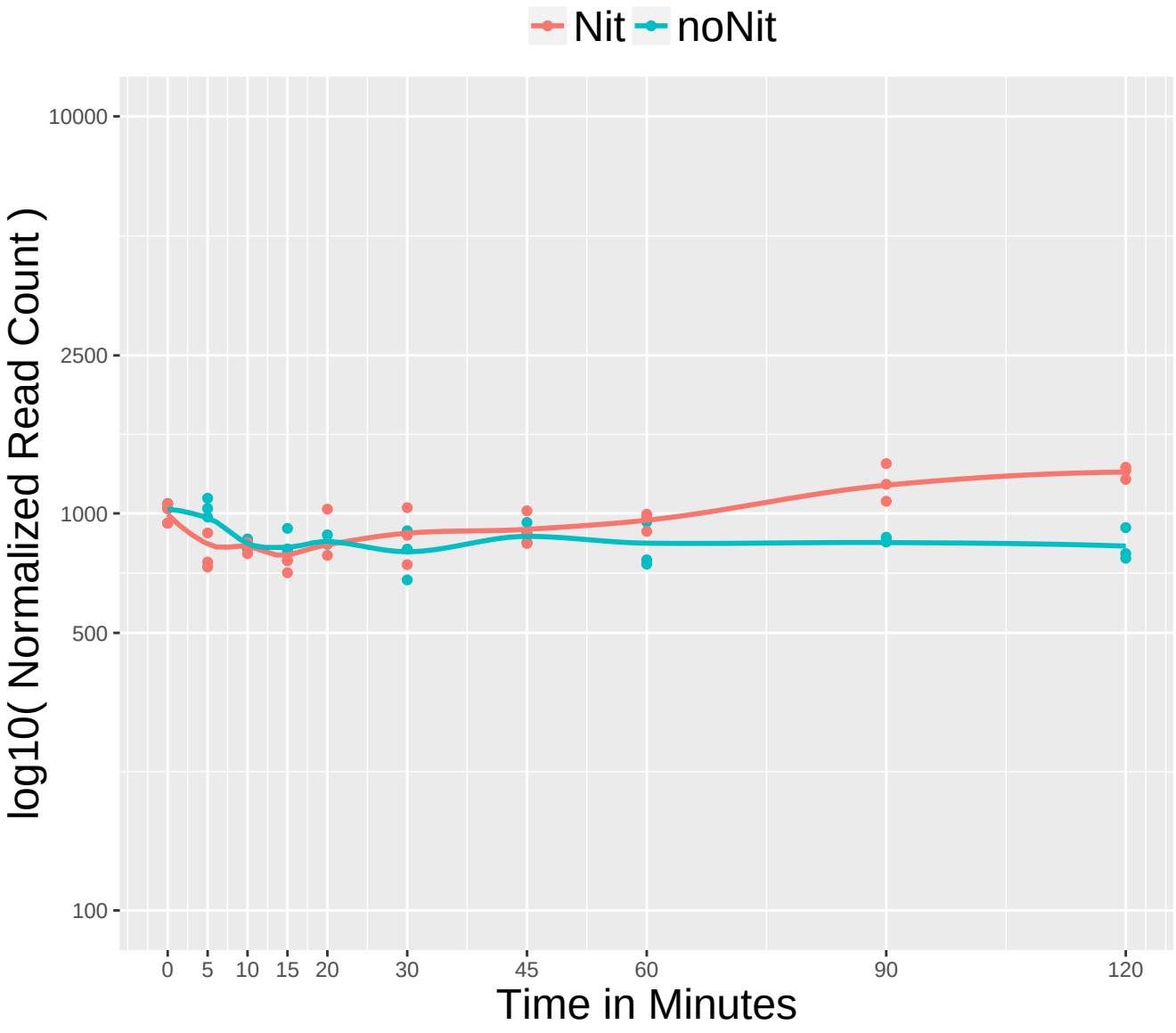
PDE319,PIGMENT



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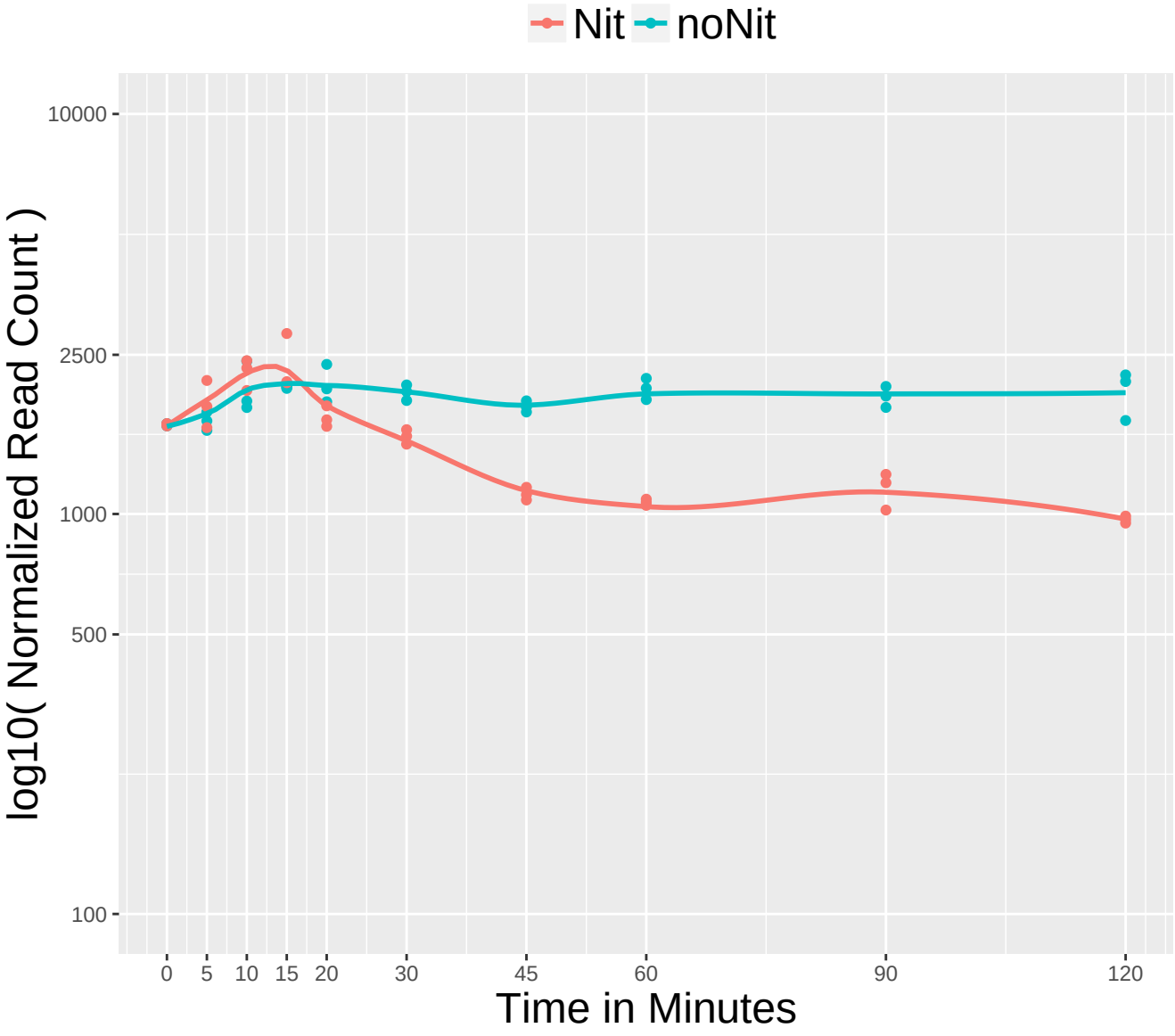
Protein



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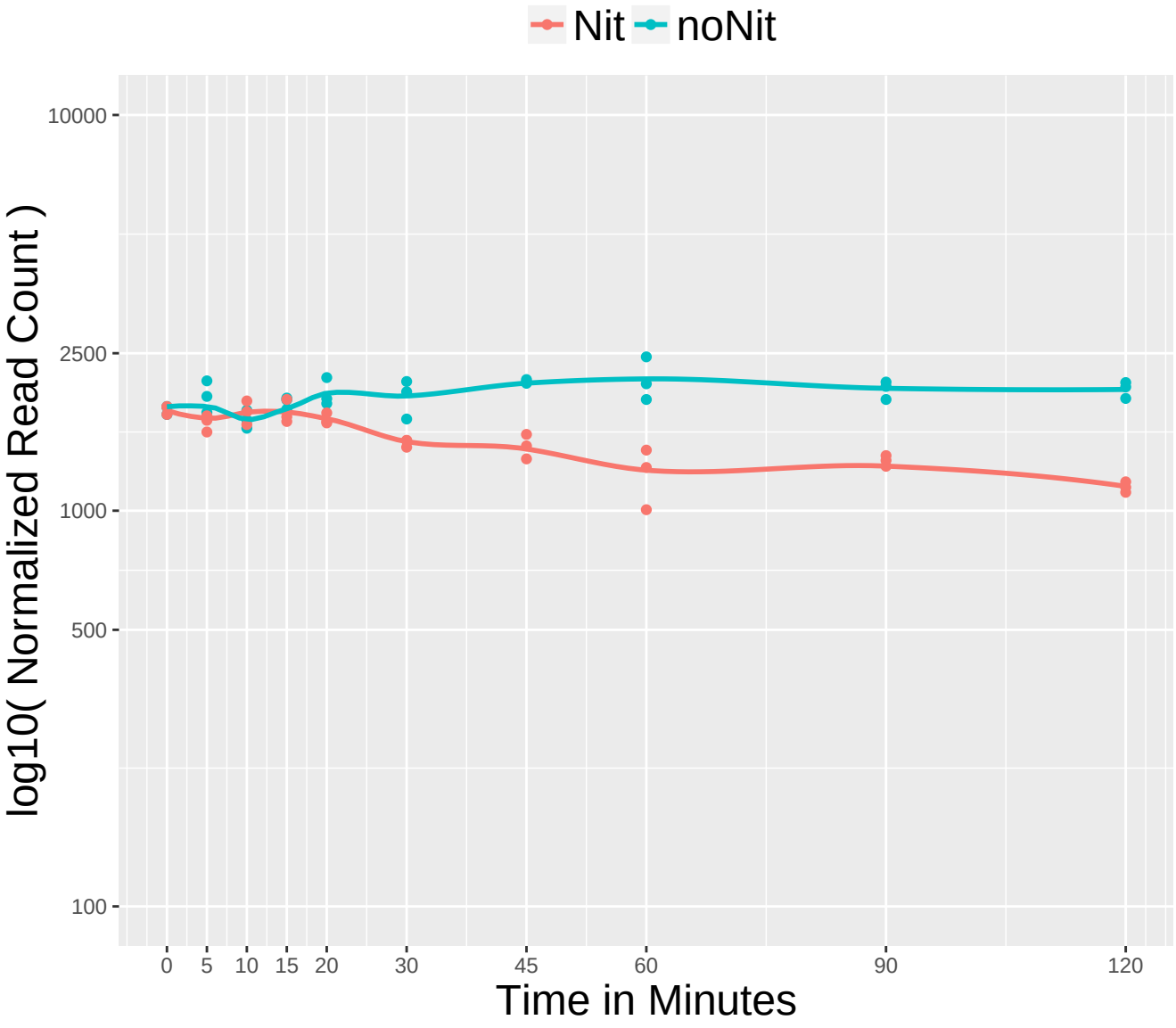

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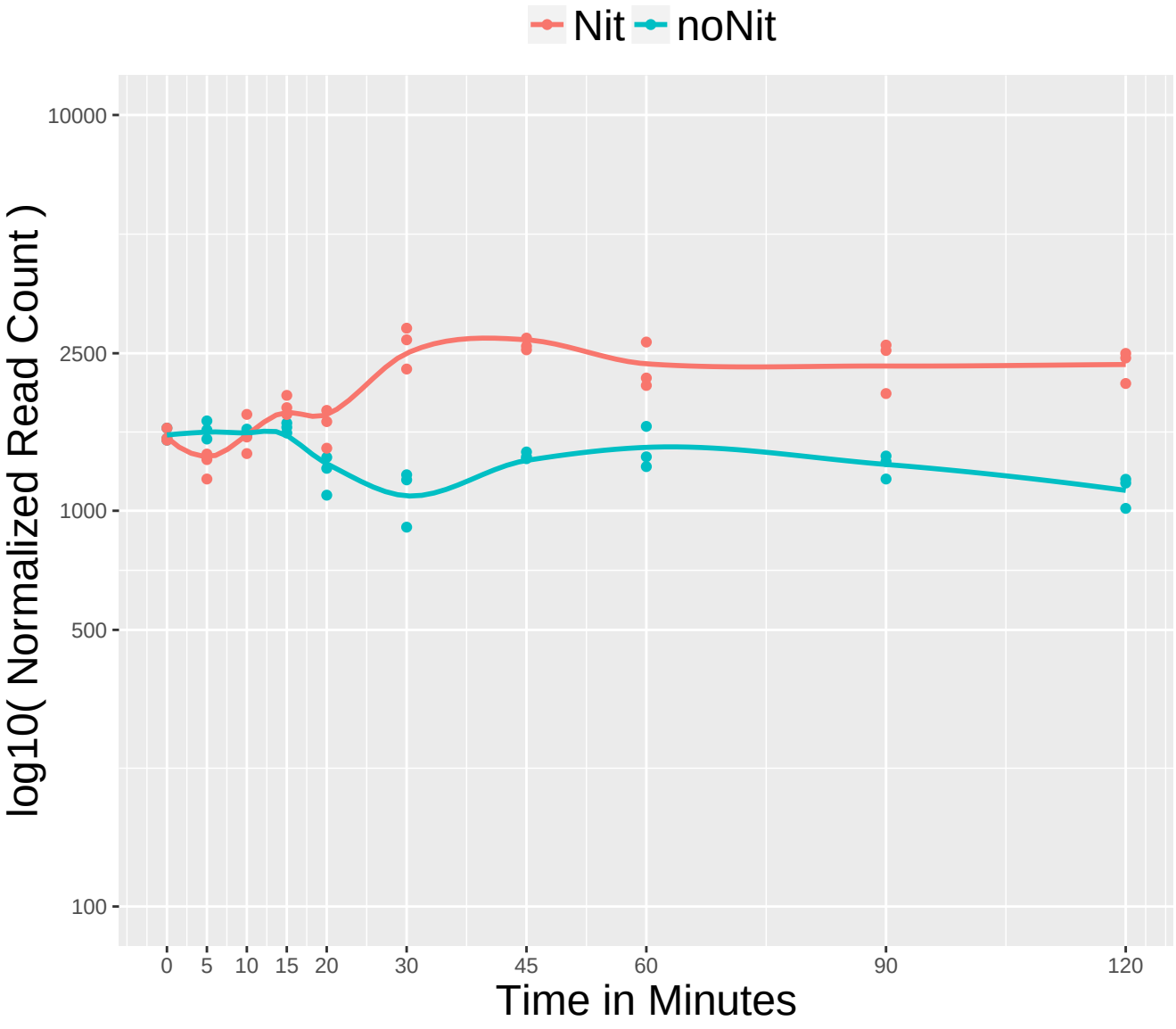
ATTLP9,tubby−like



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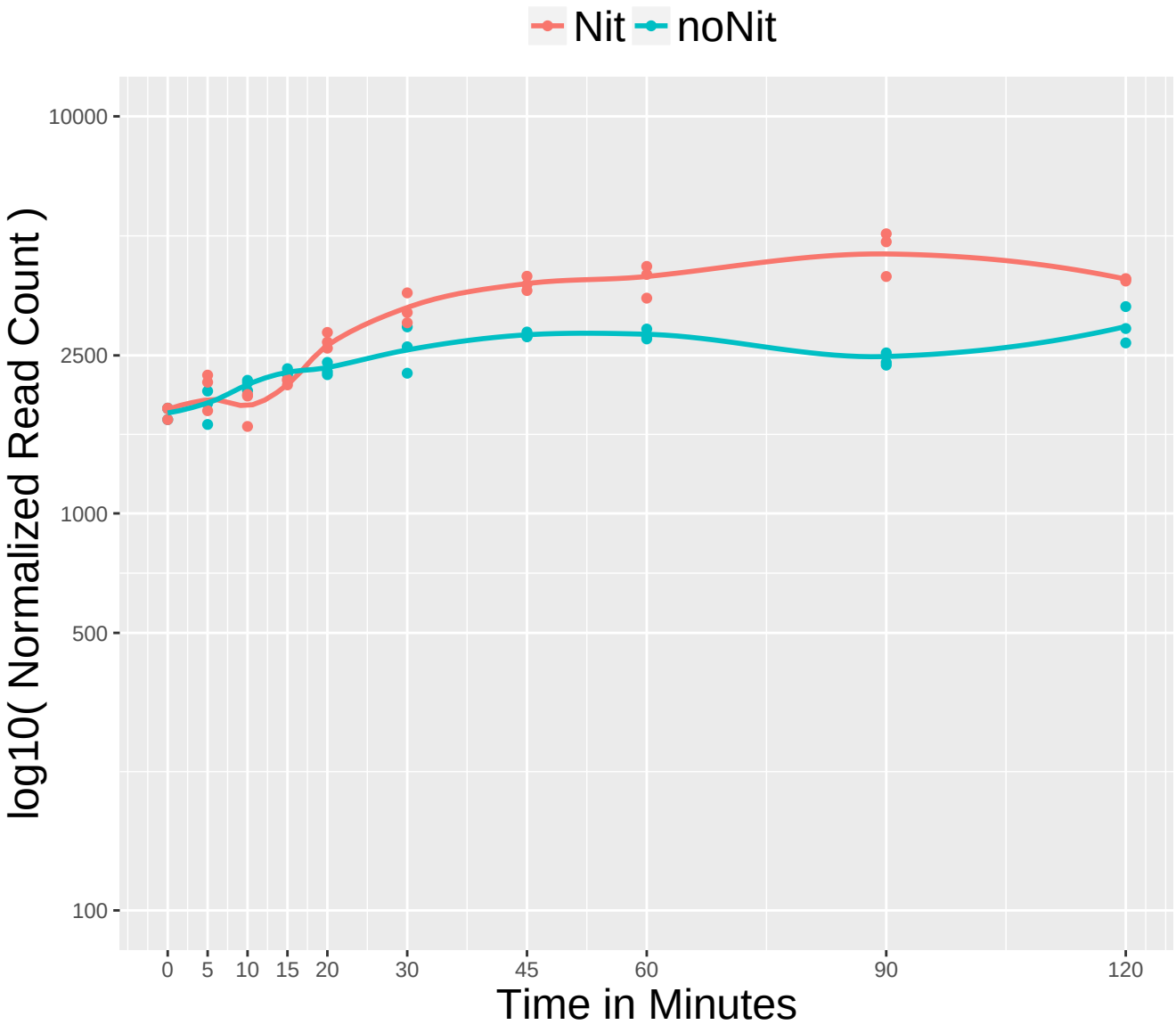
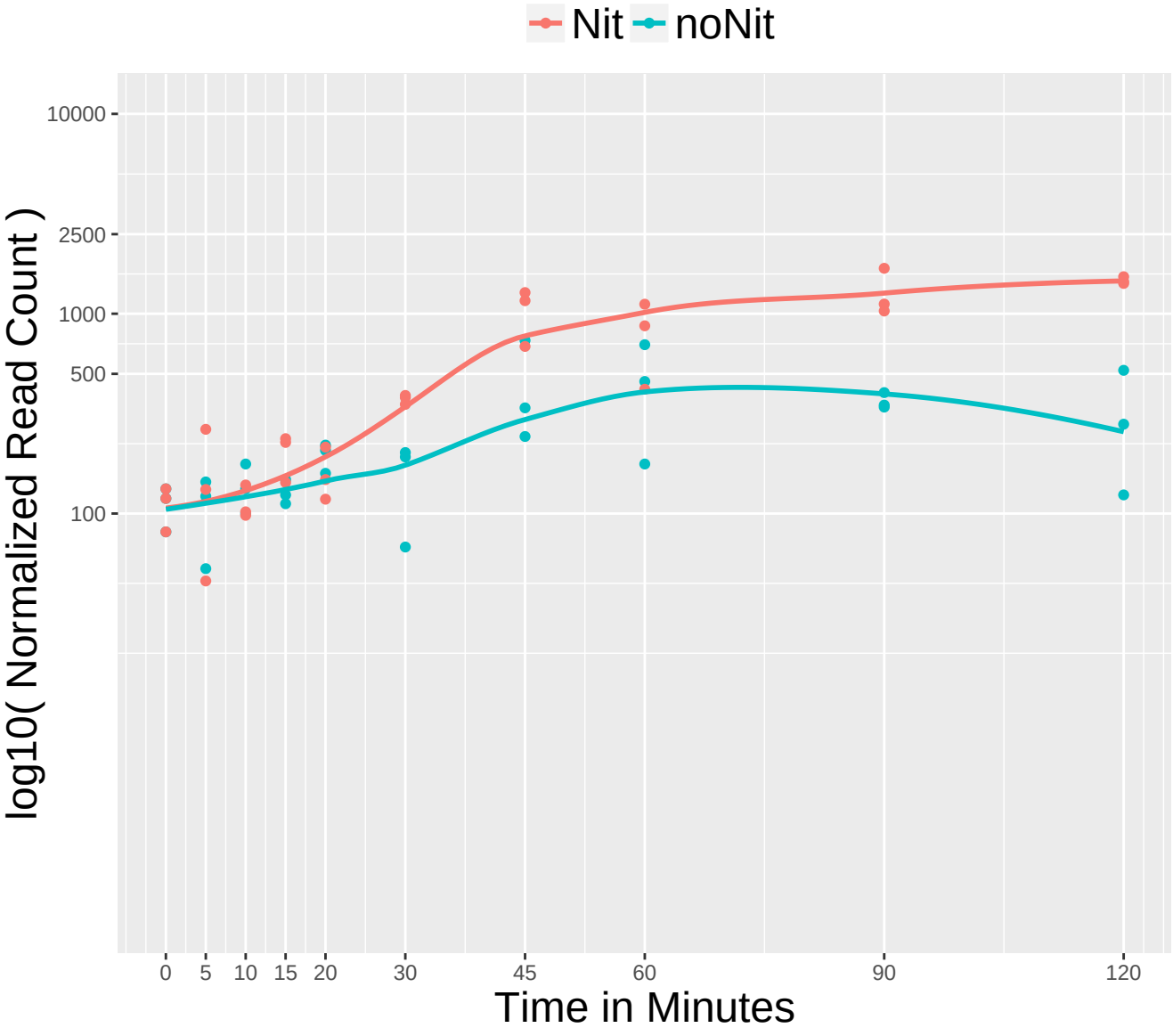
IDH−VI,isocitrate



AT3G46190

TRAF−like



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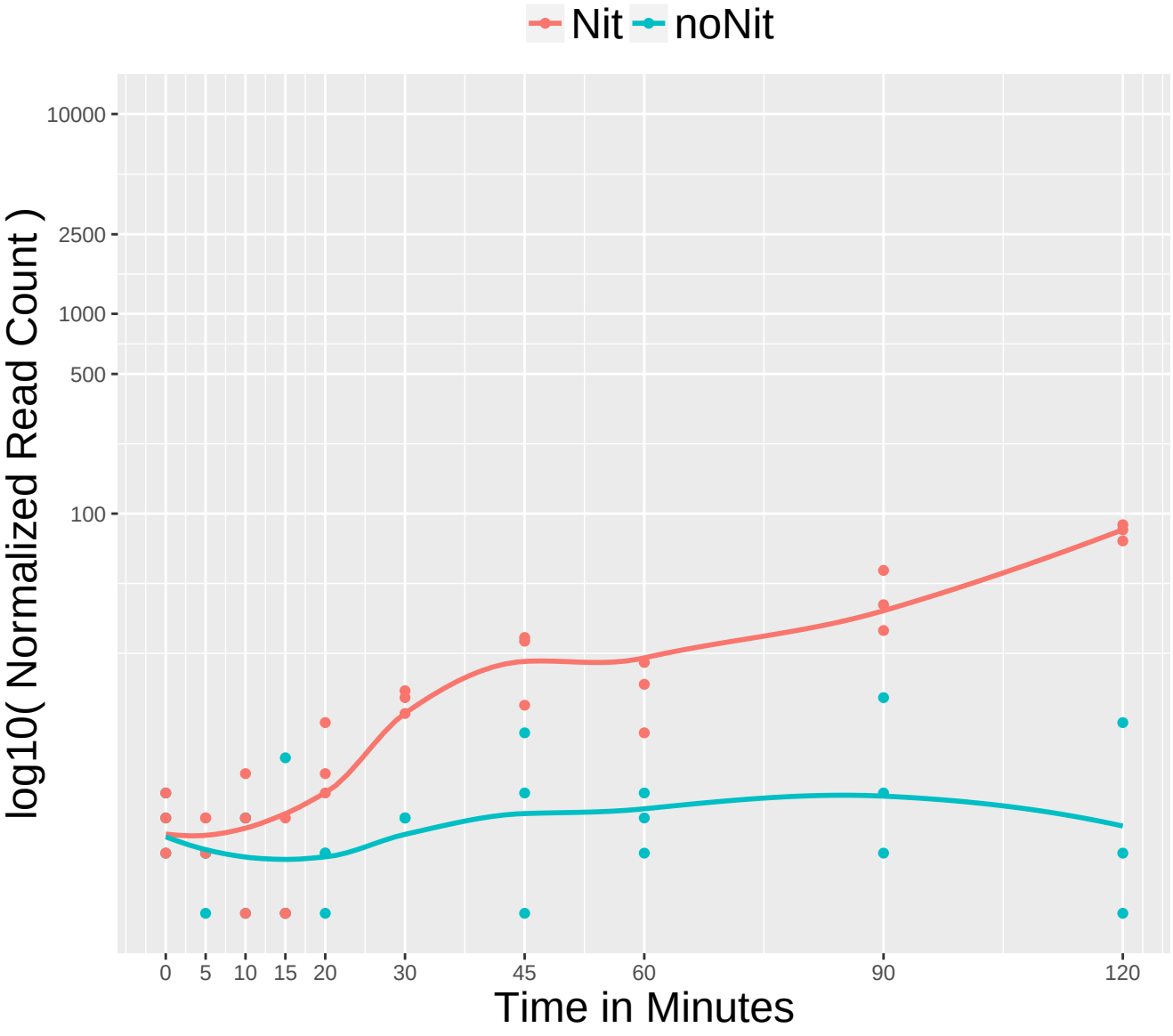
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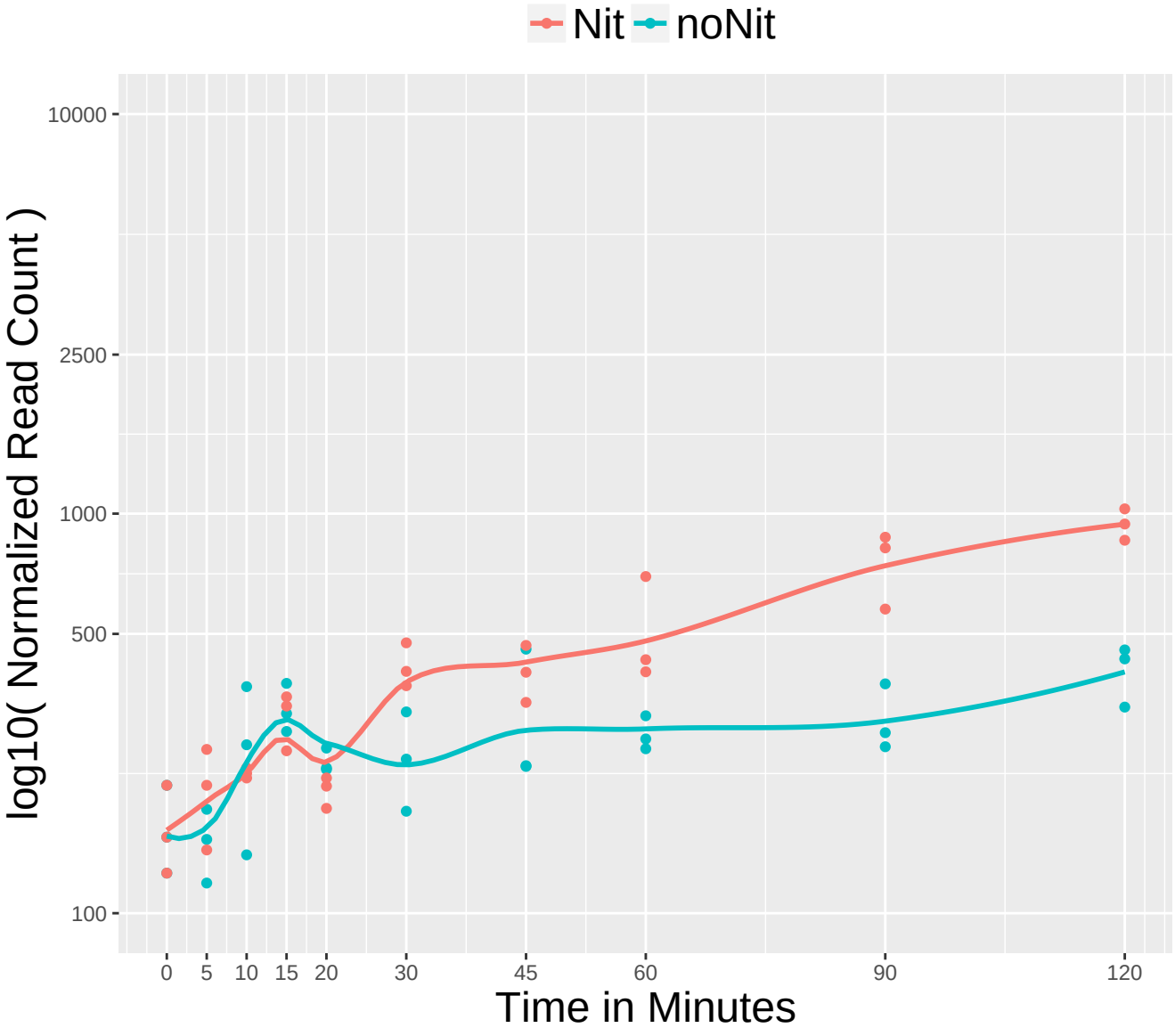
Time in Minutes

AT3G49780

ATPSK3



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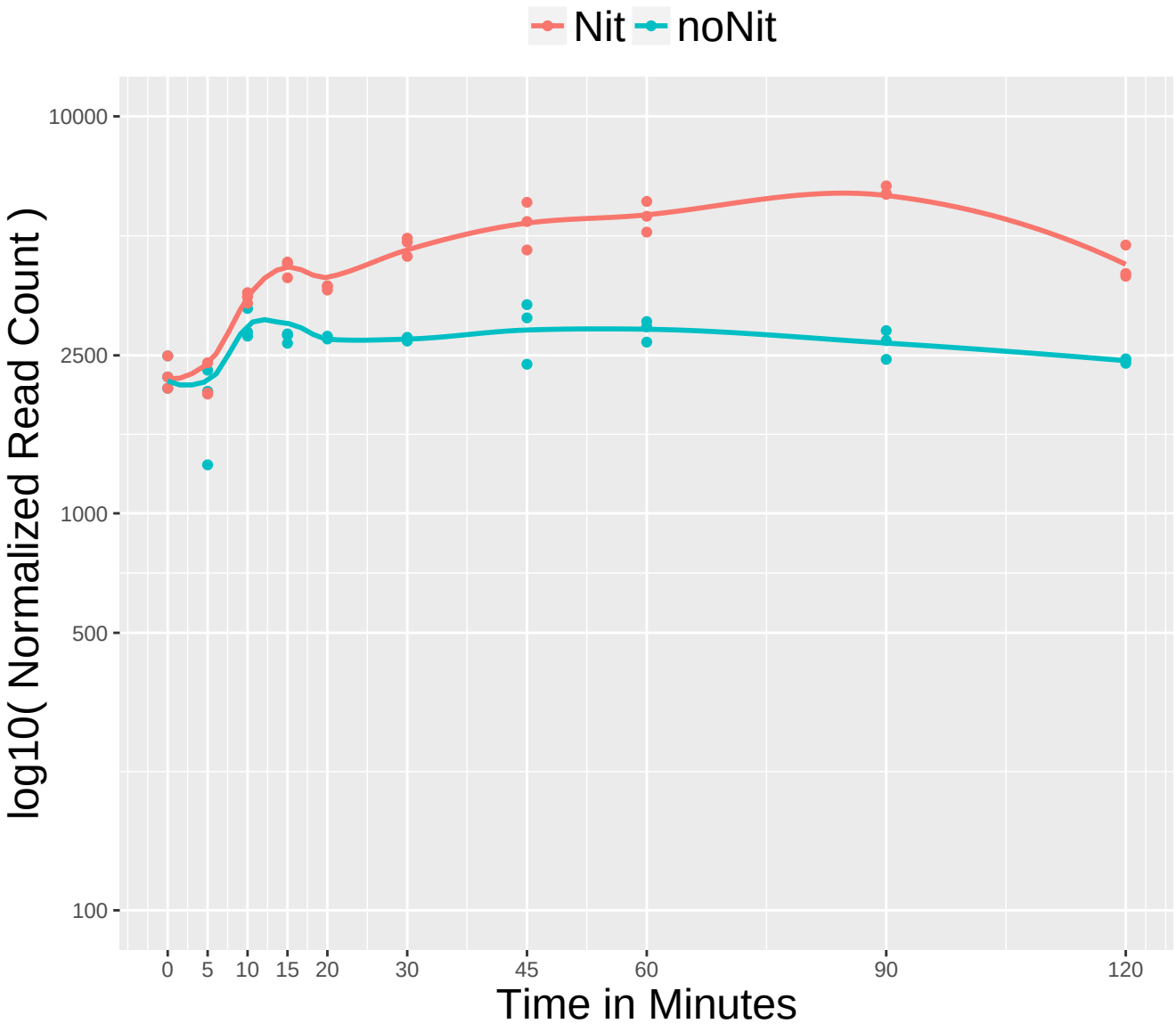
A/N−InvB,alkaline/neutral



AT5G08350

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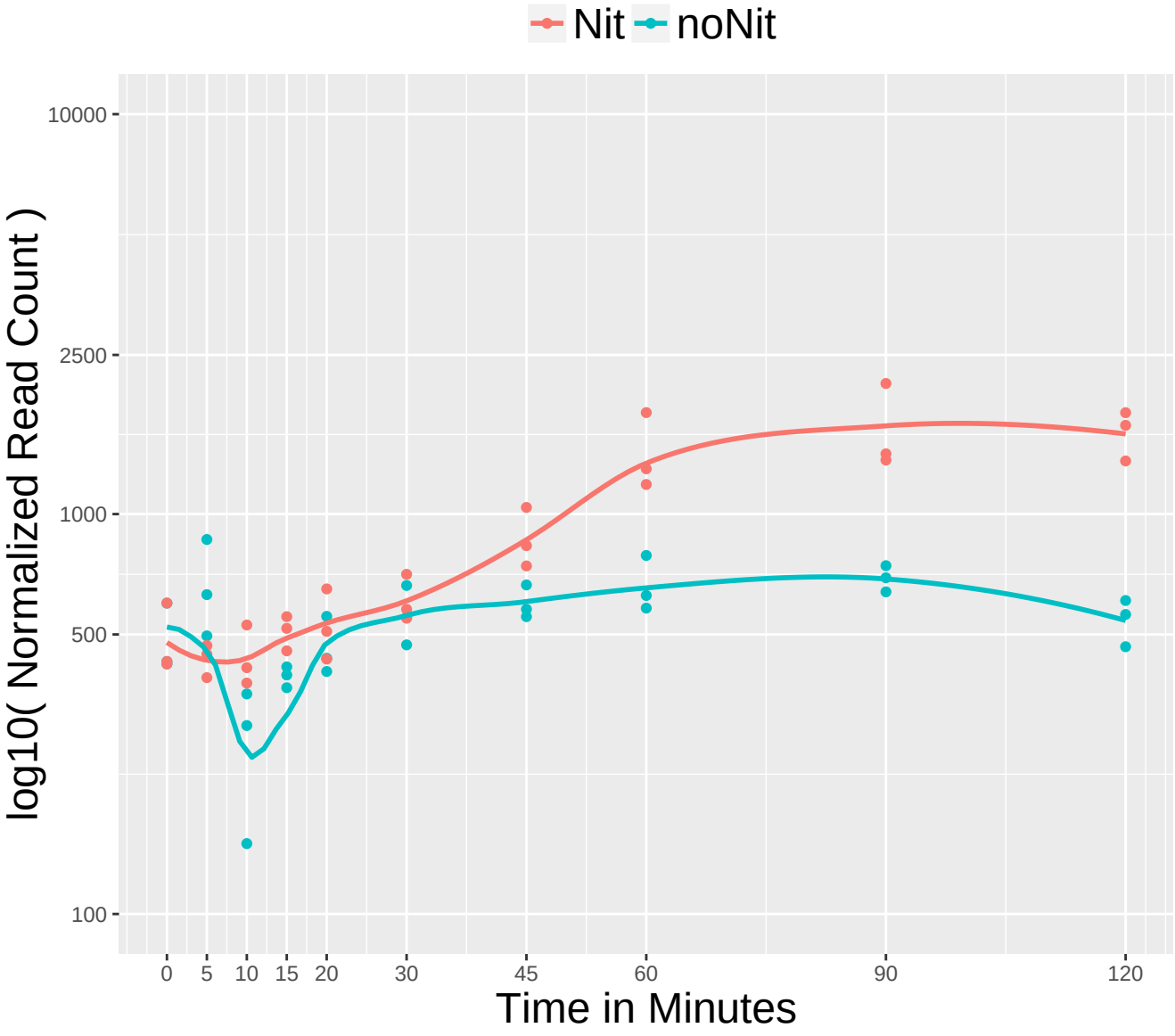

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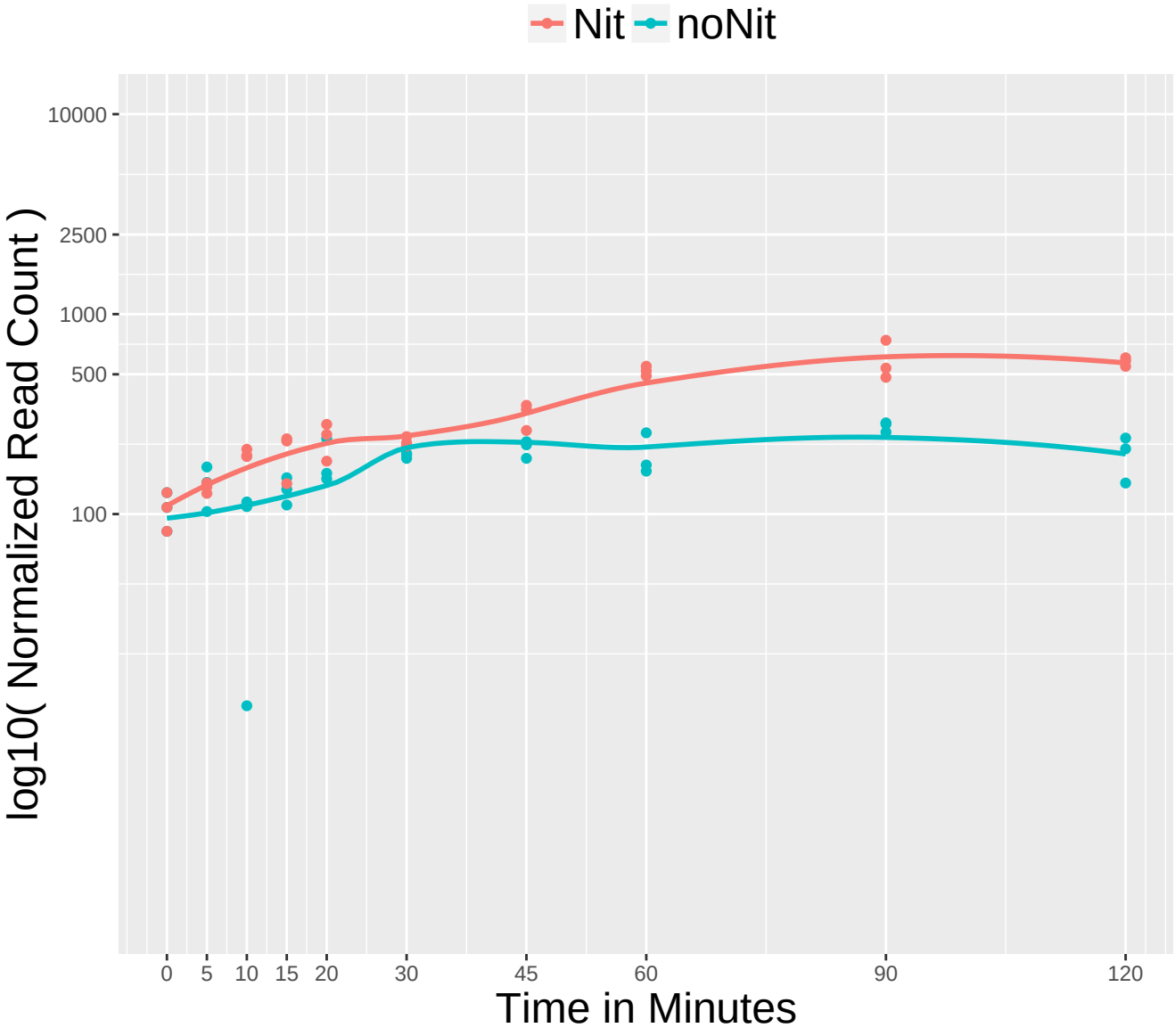
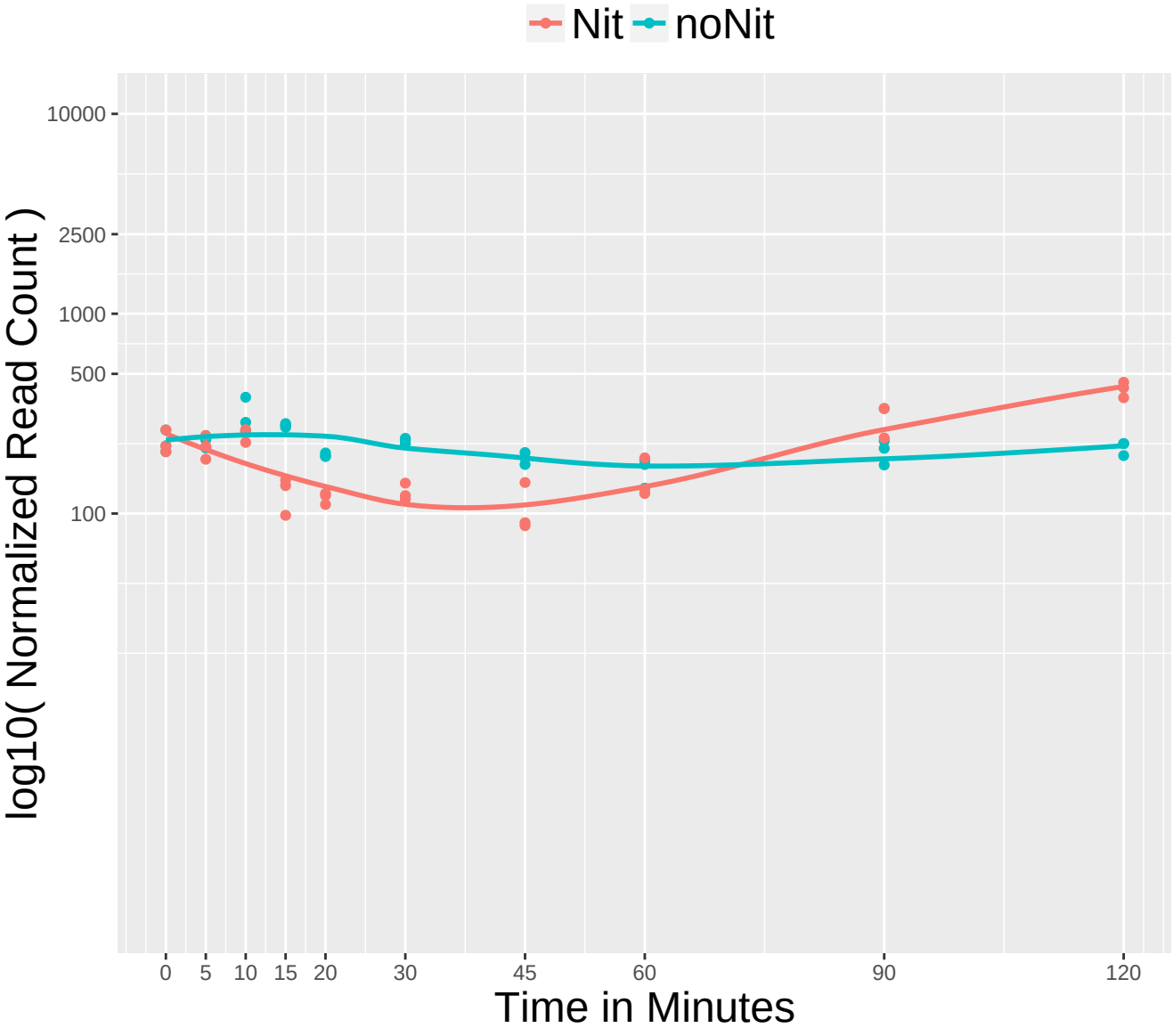


AT5G41590

Protein



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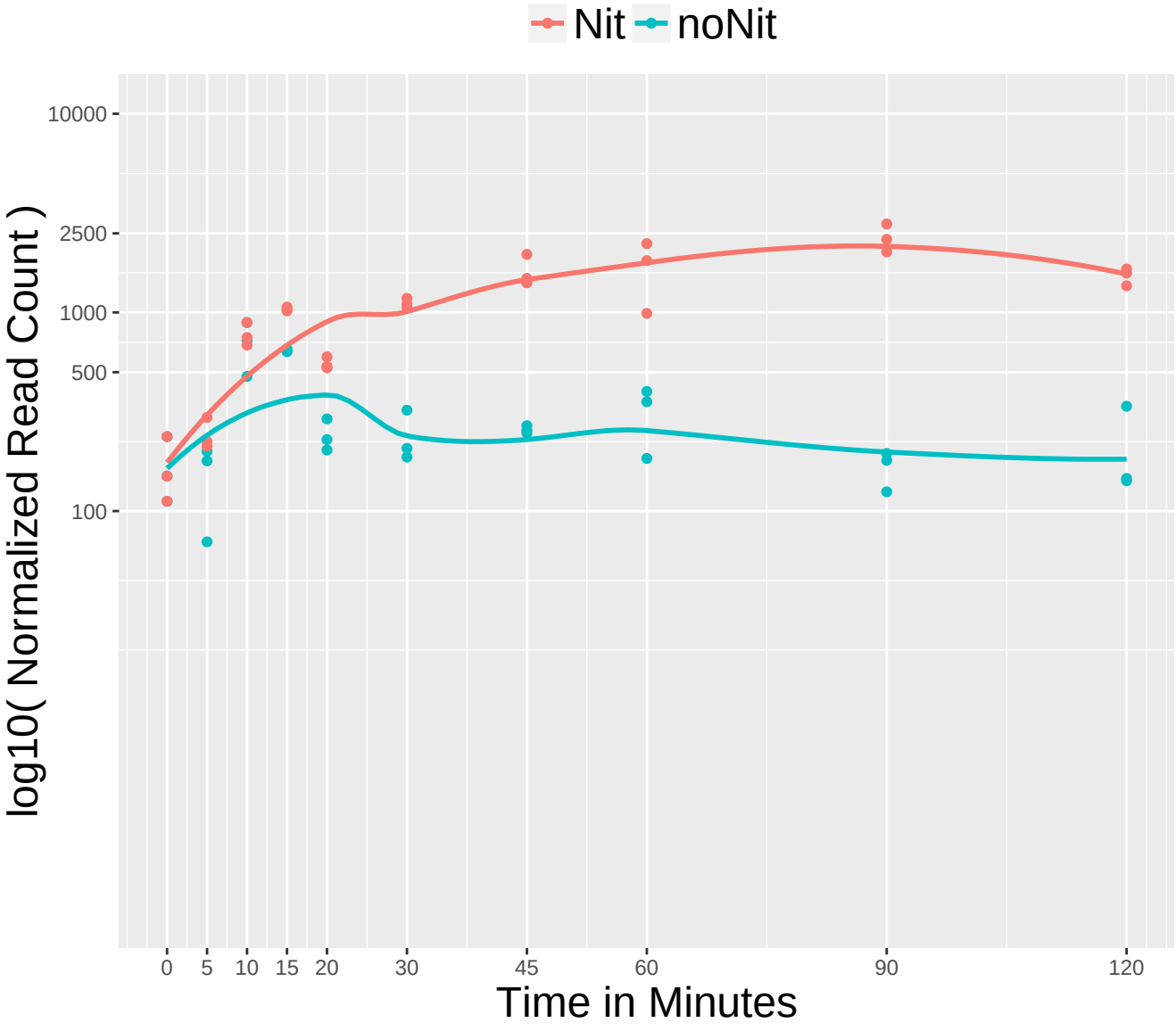

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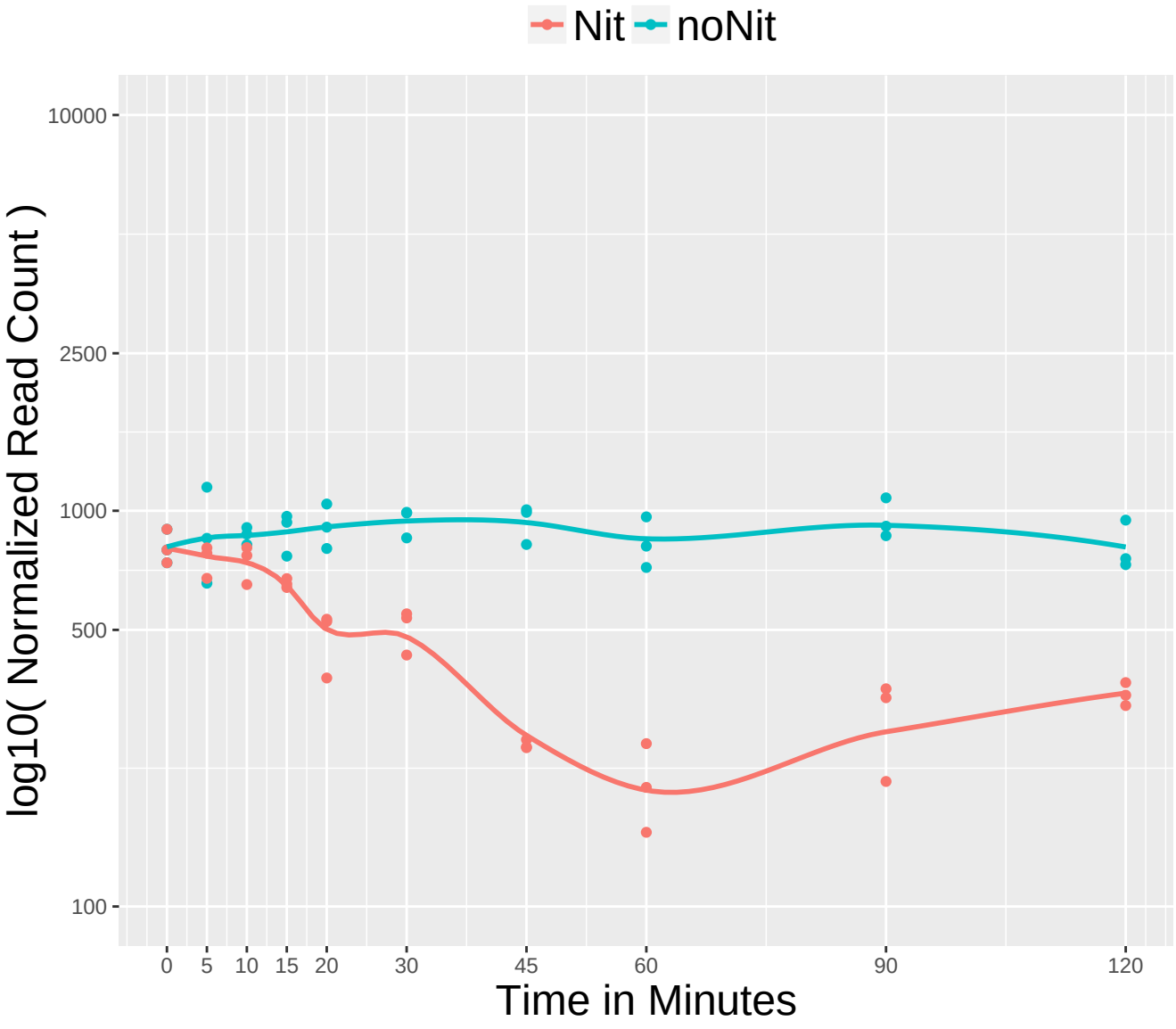
myb−like



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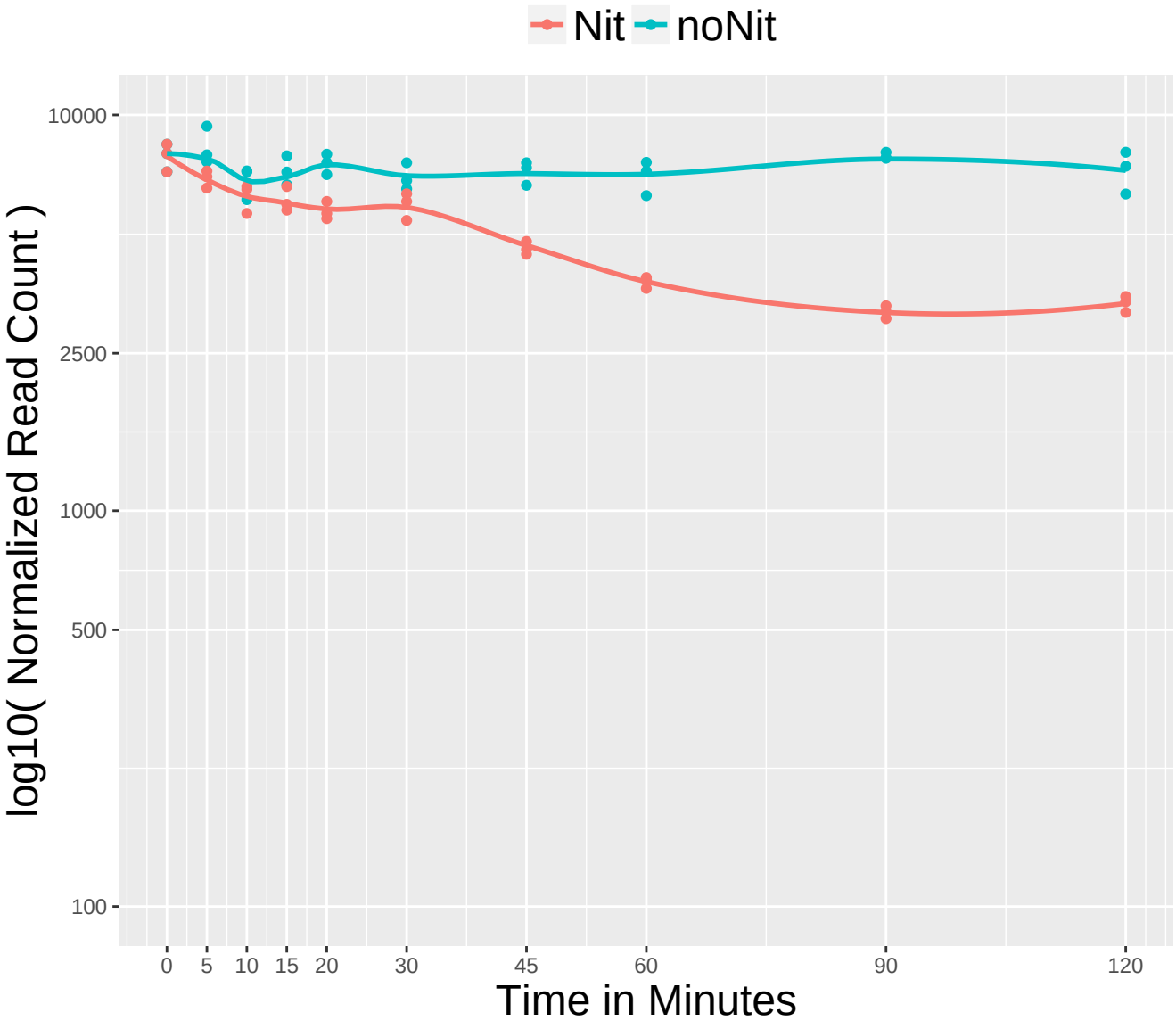
FATB,fatty



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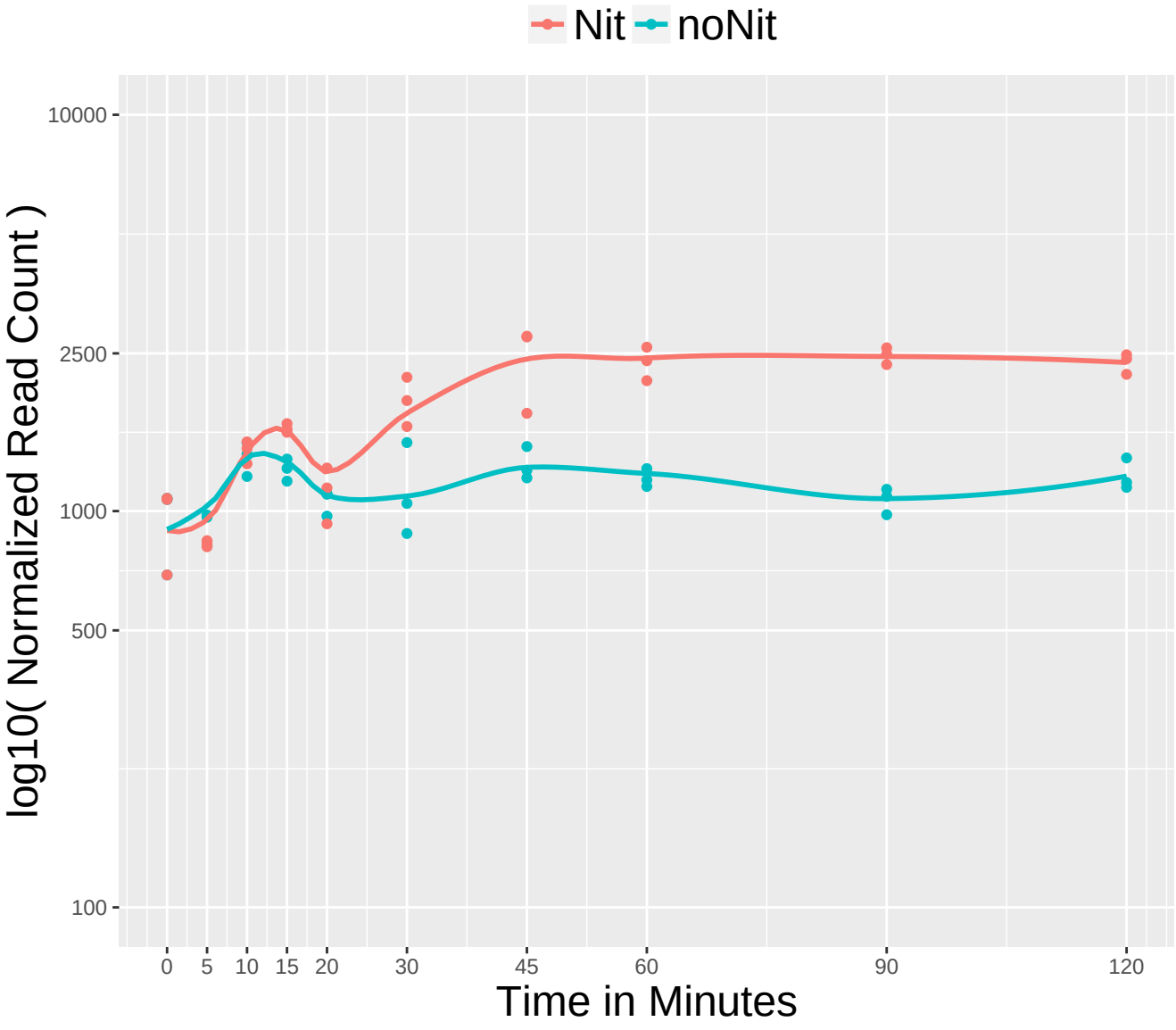
Tetratricopeptide



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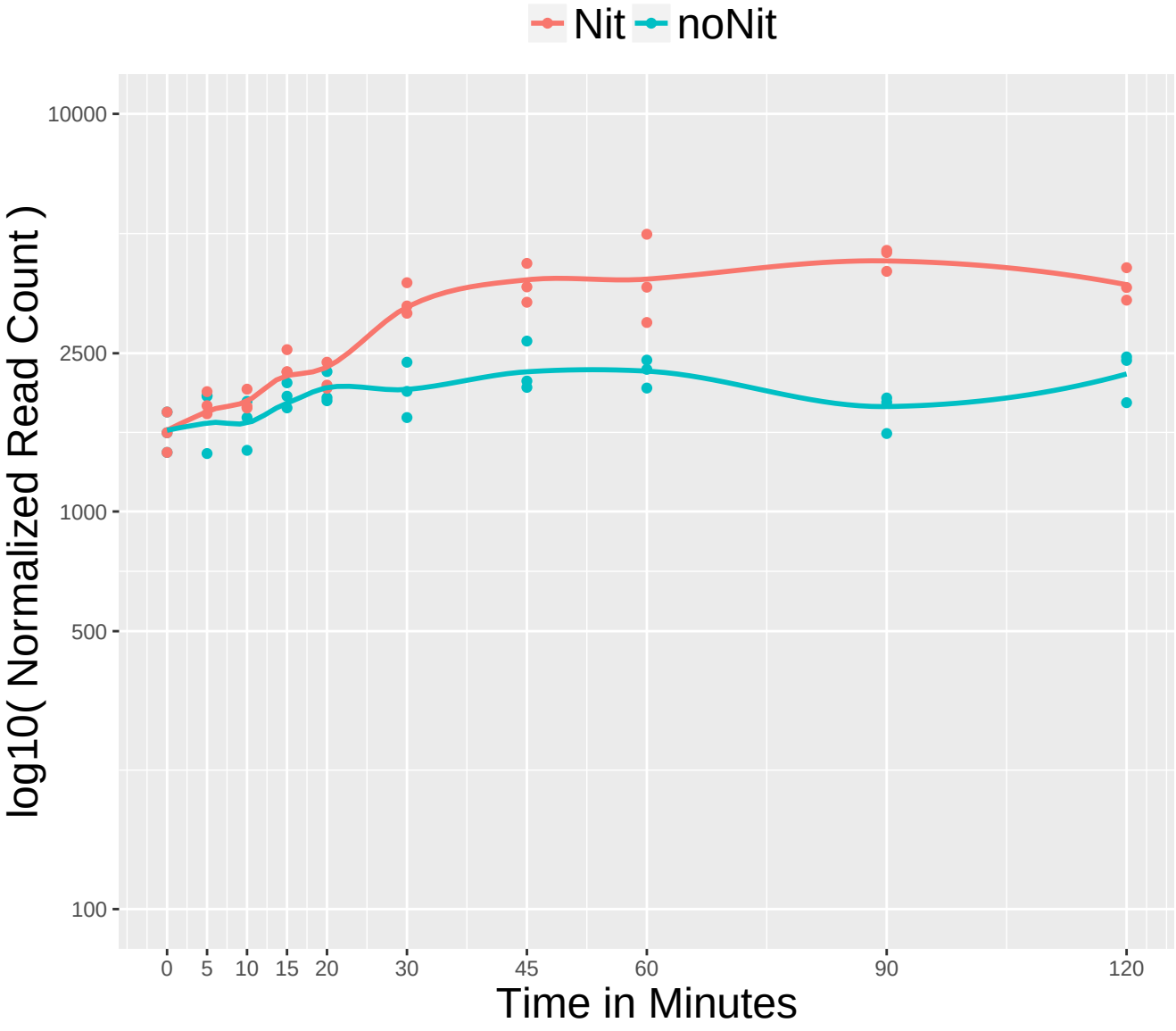
AOAT1,ALANINE−2−OXOGLUTARATE



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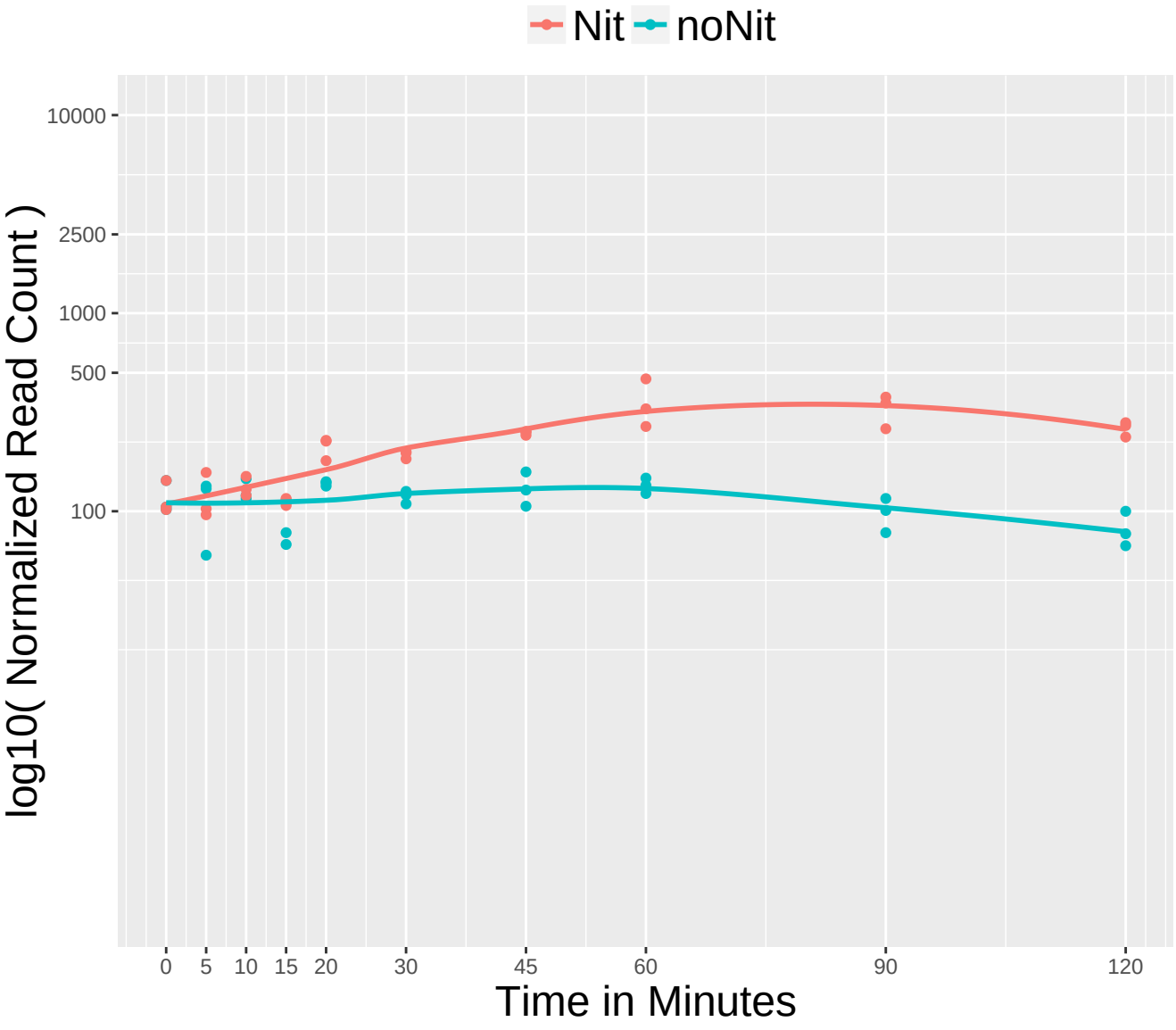

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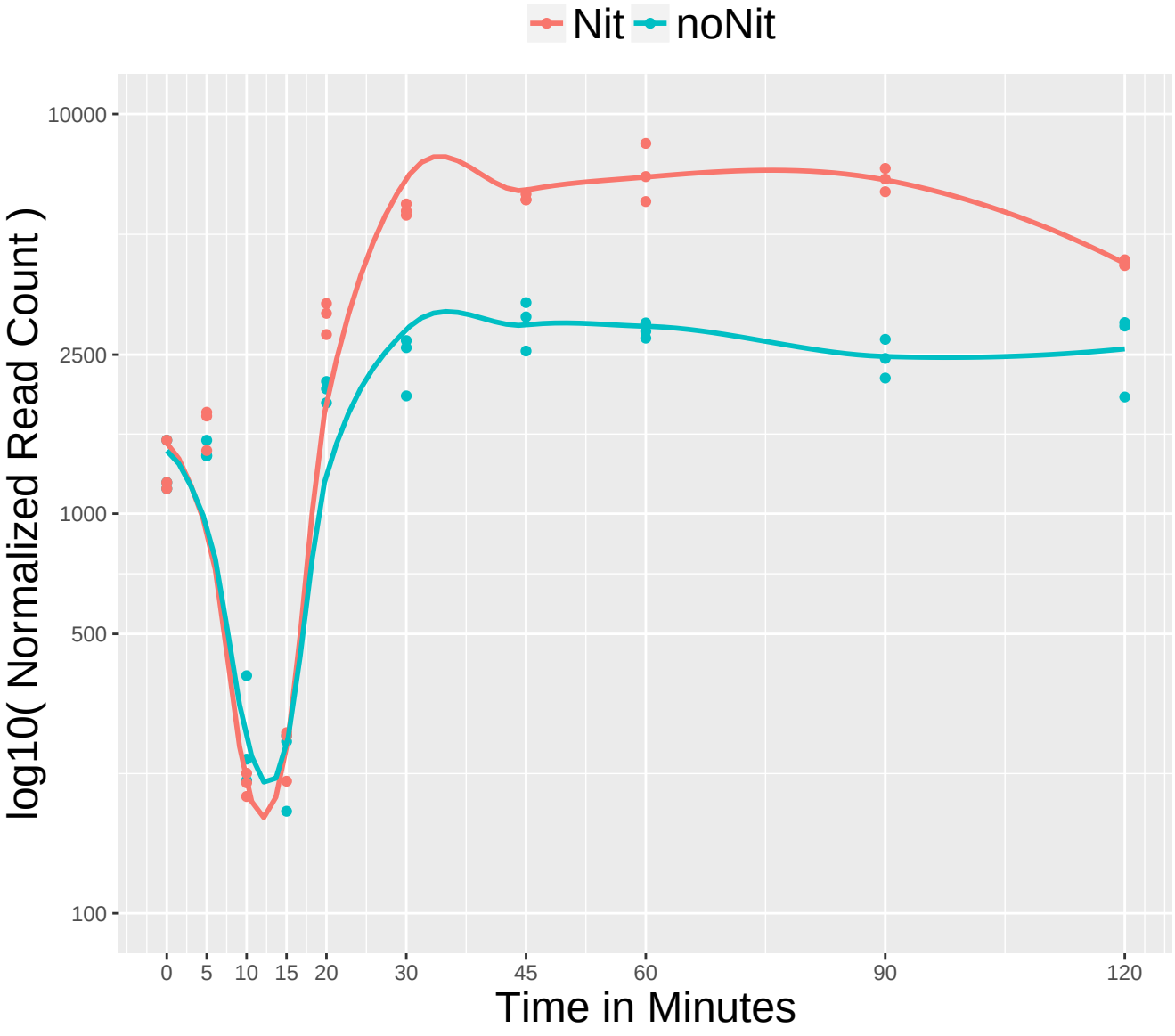
Sulfite



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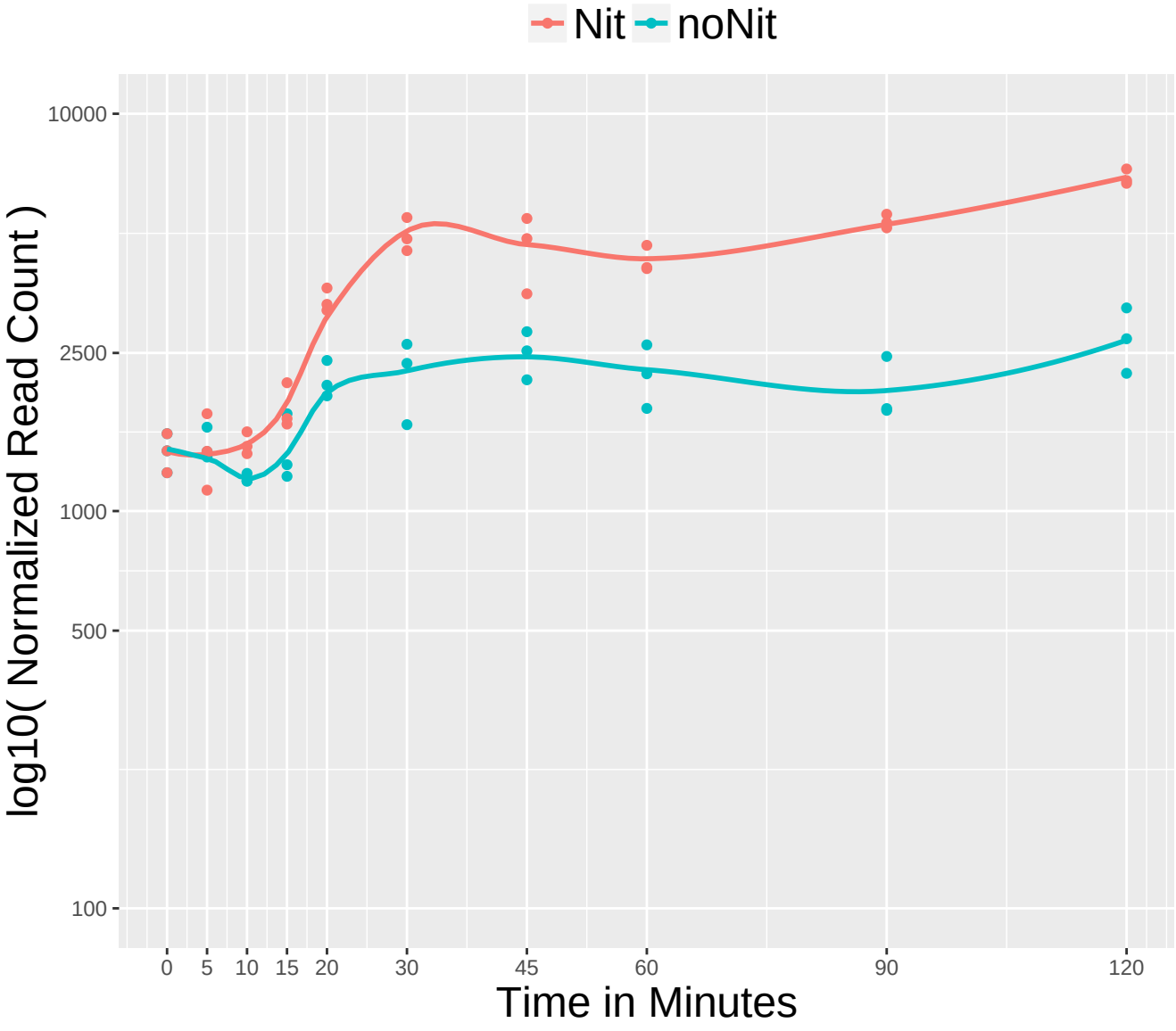

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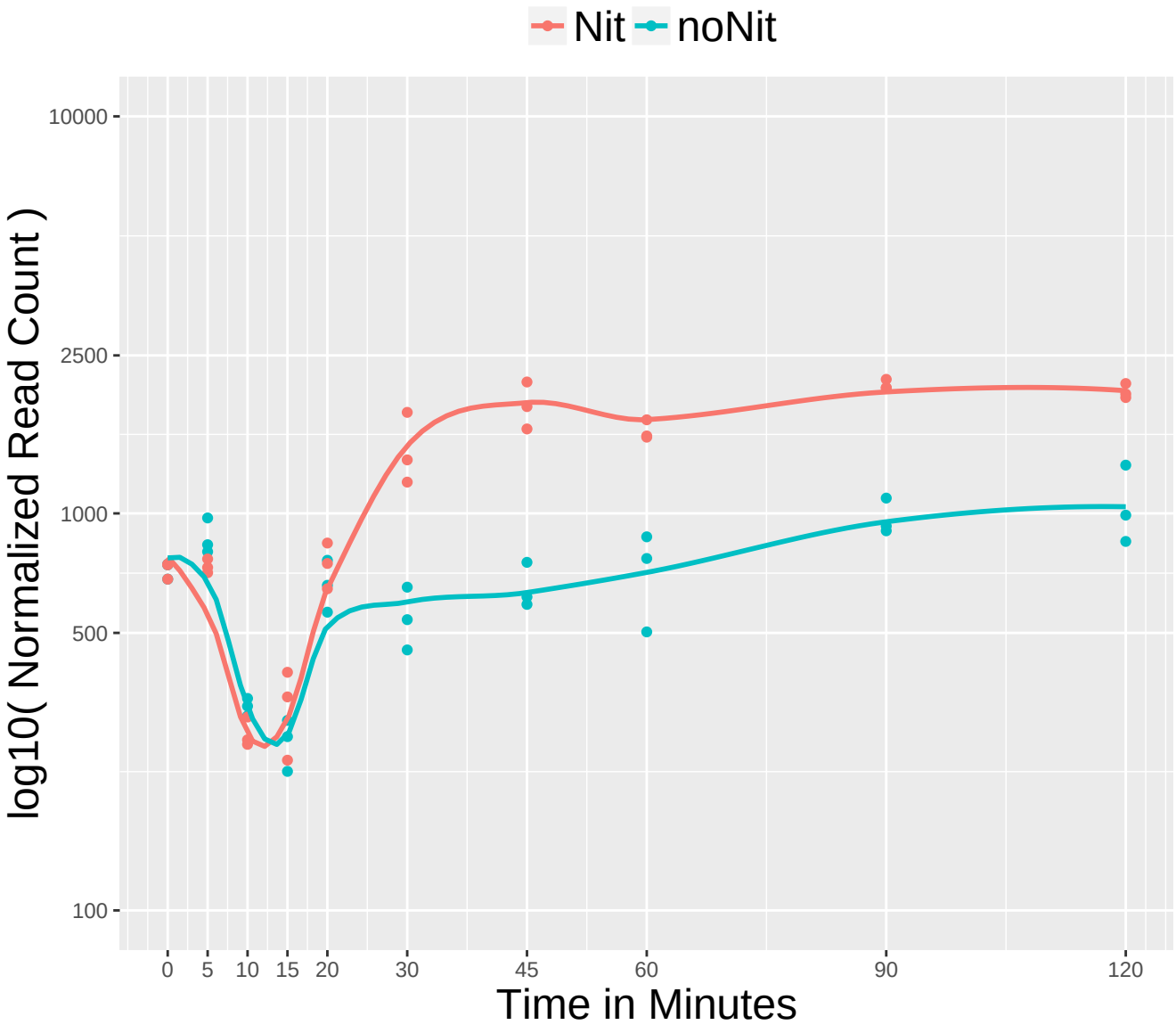
SNRK2−9,SUCROSE



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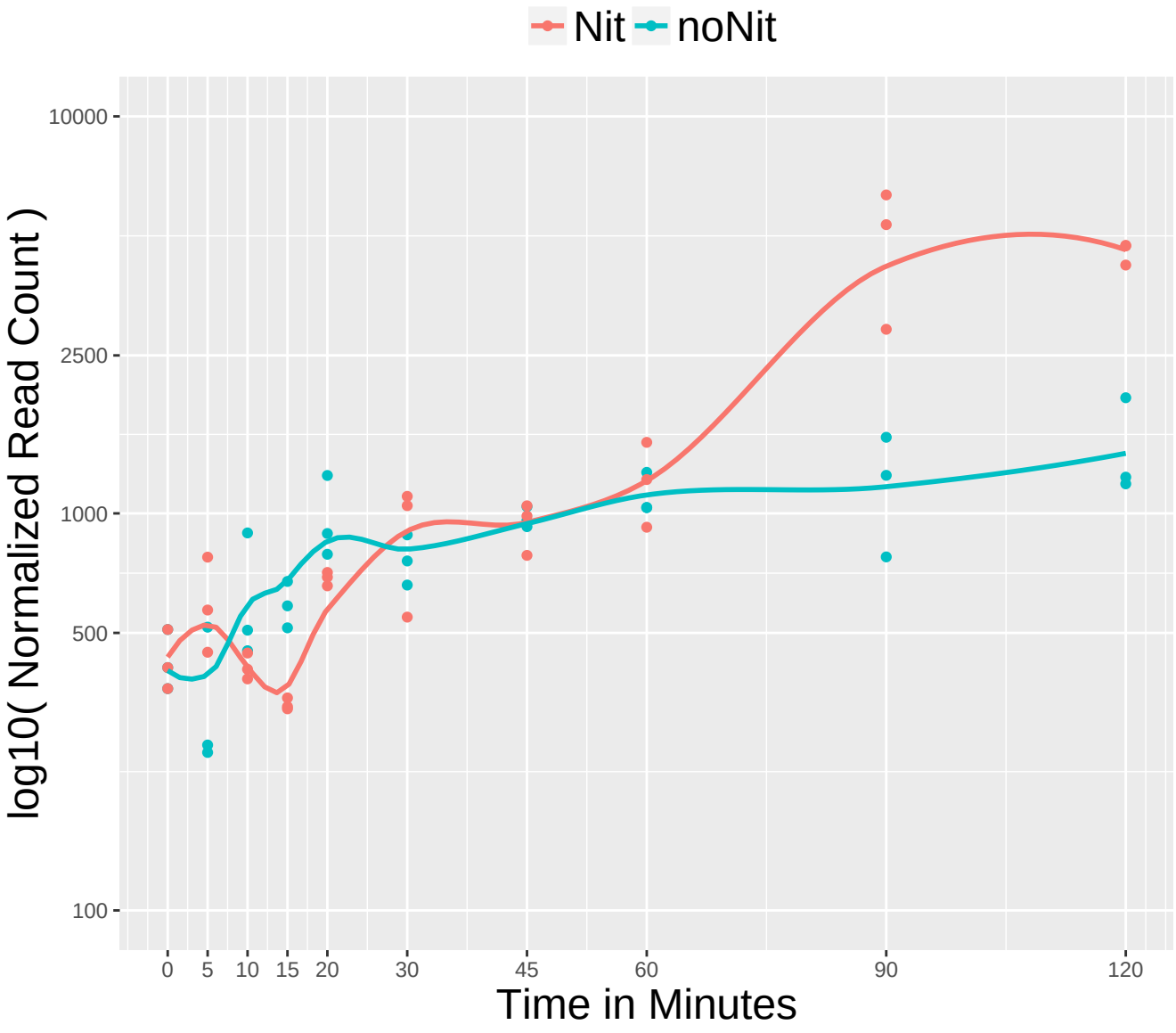
ZIP3,zinc



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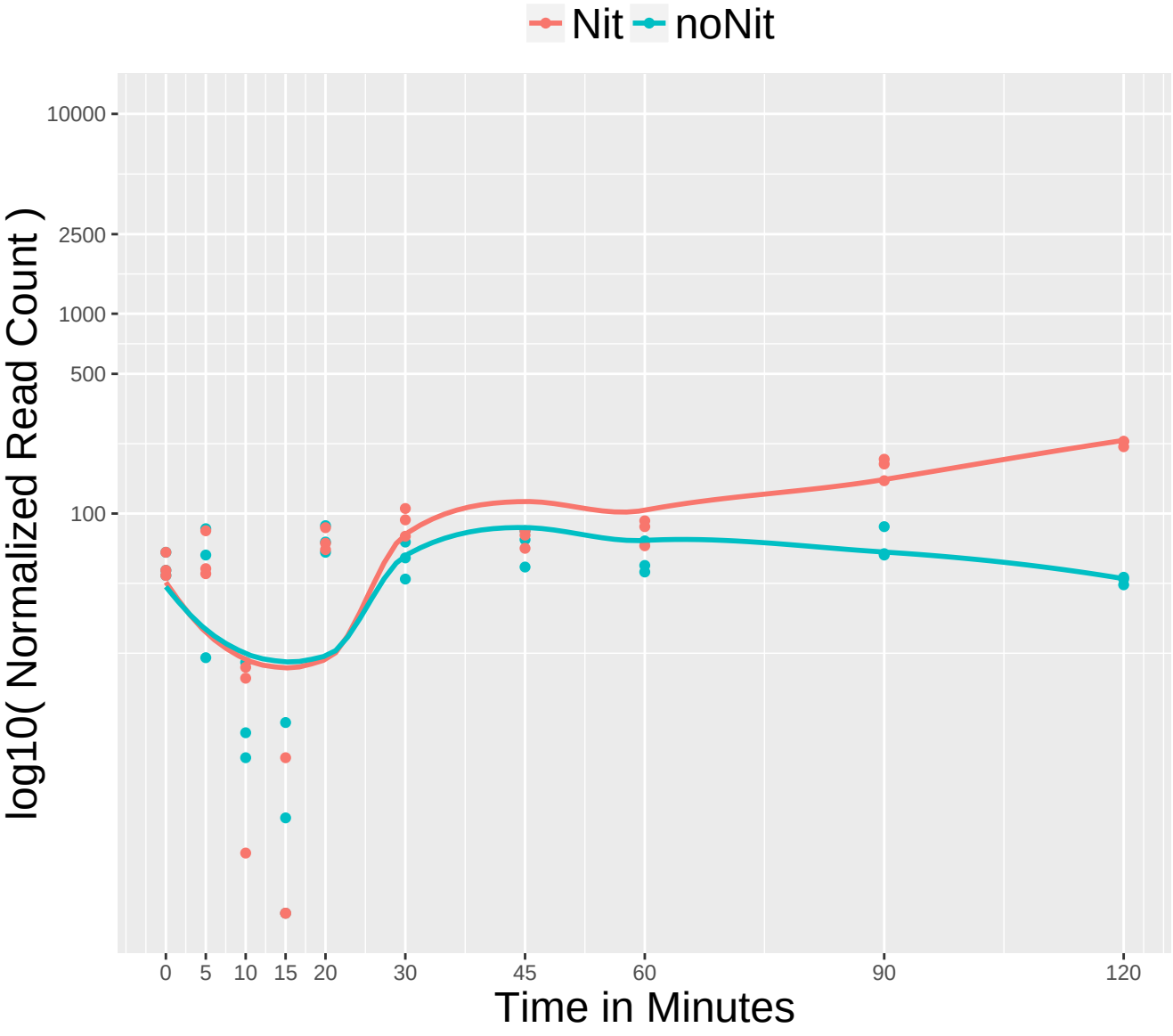

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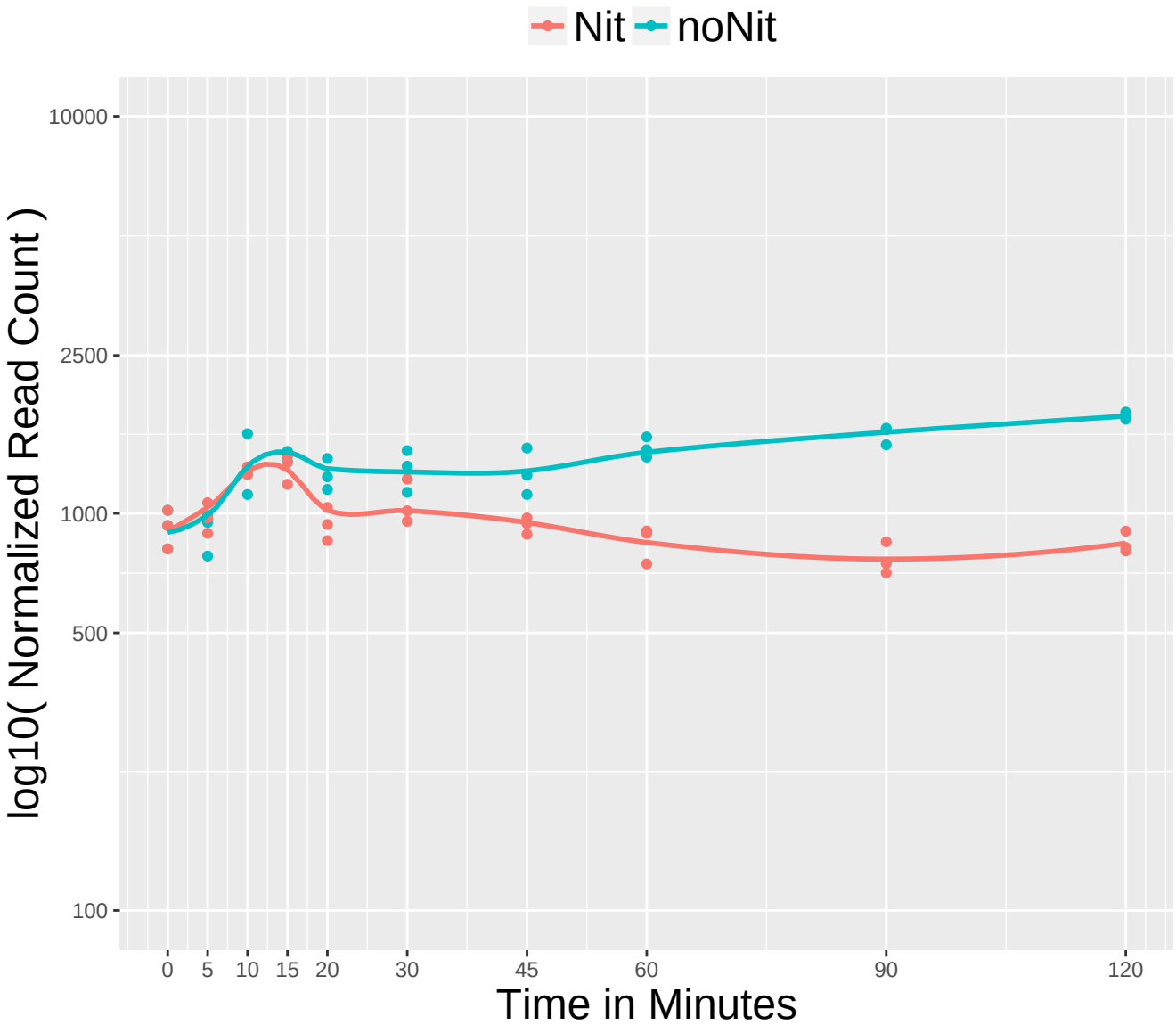

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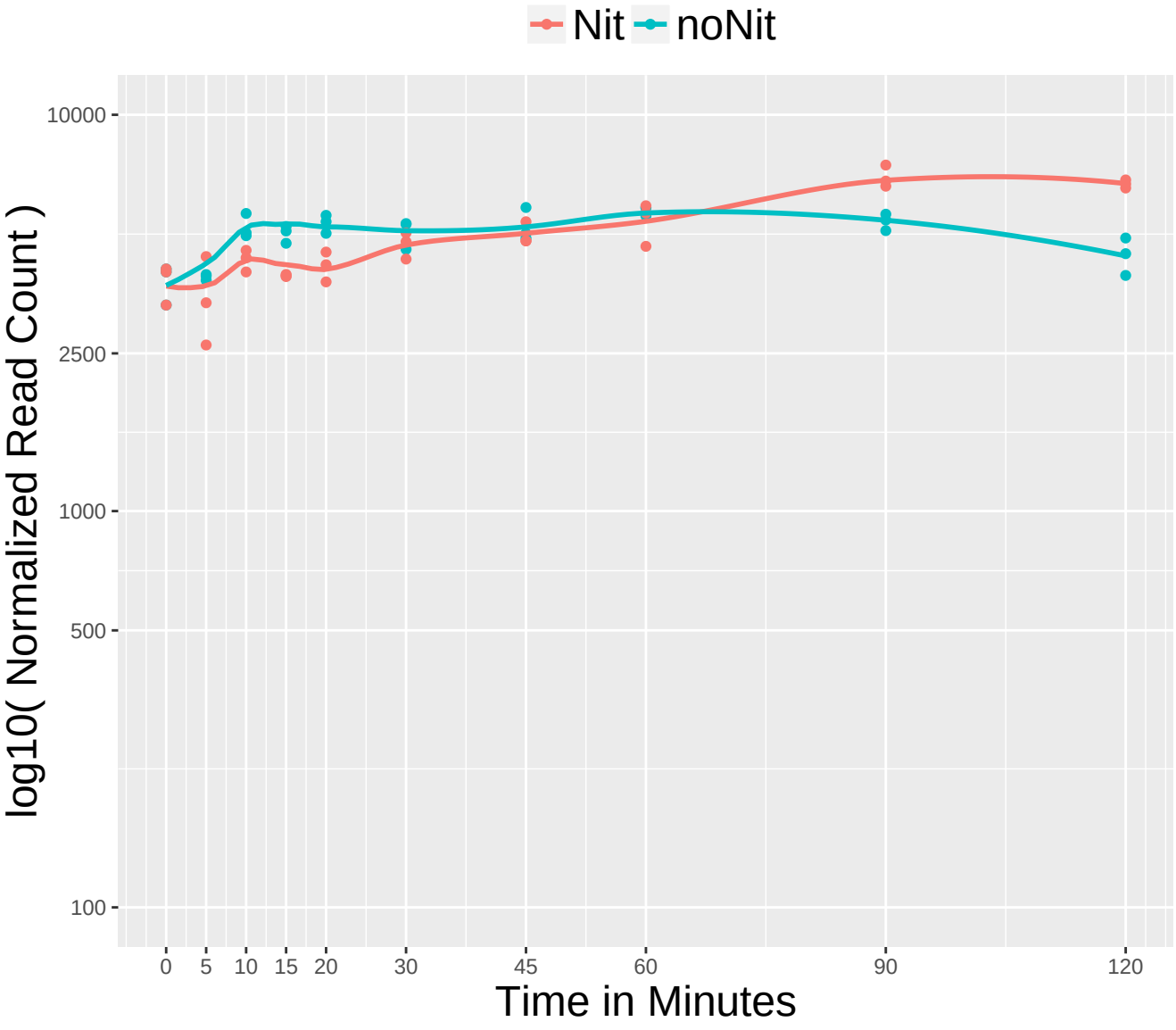

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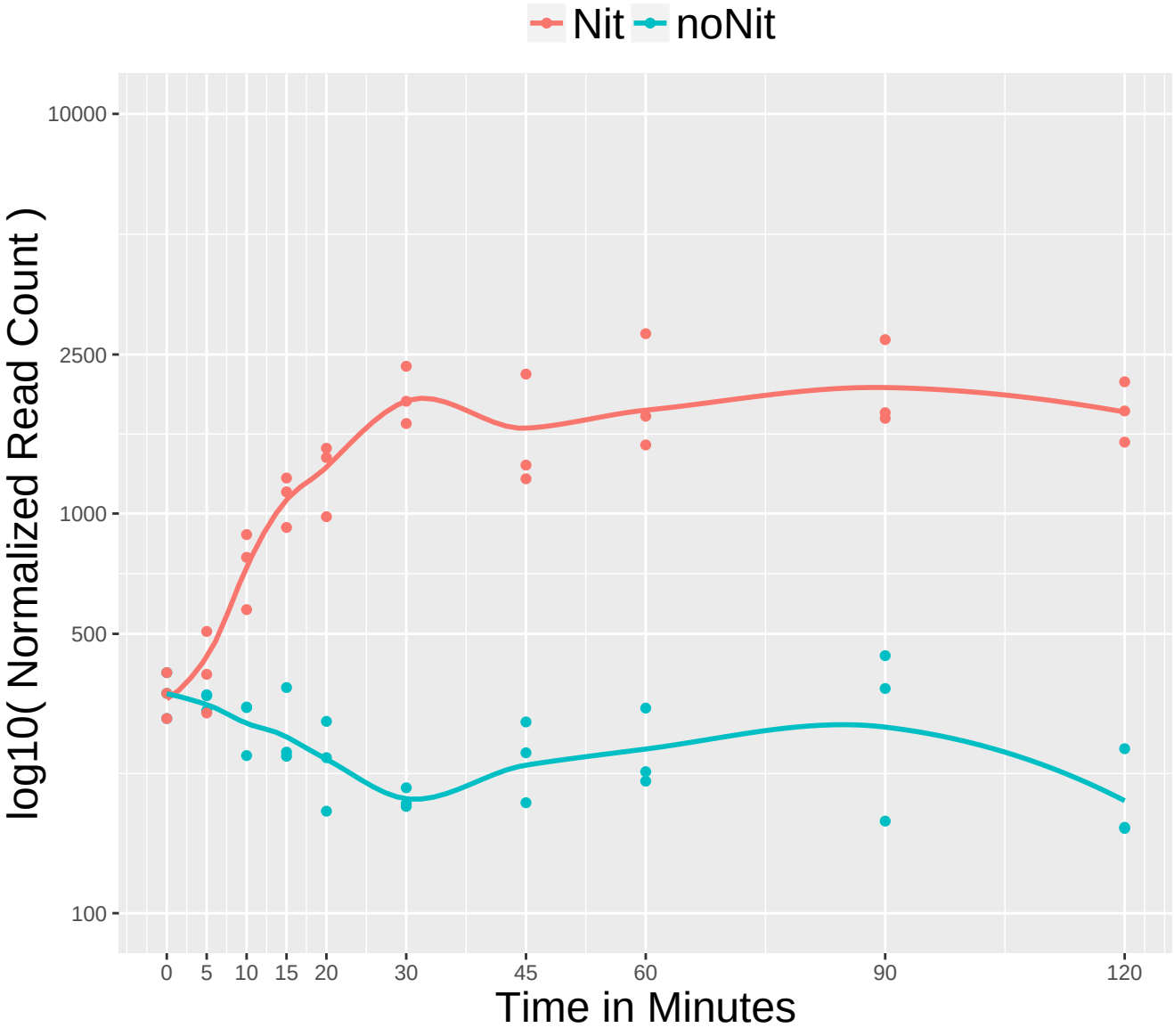

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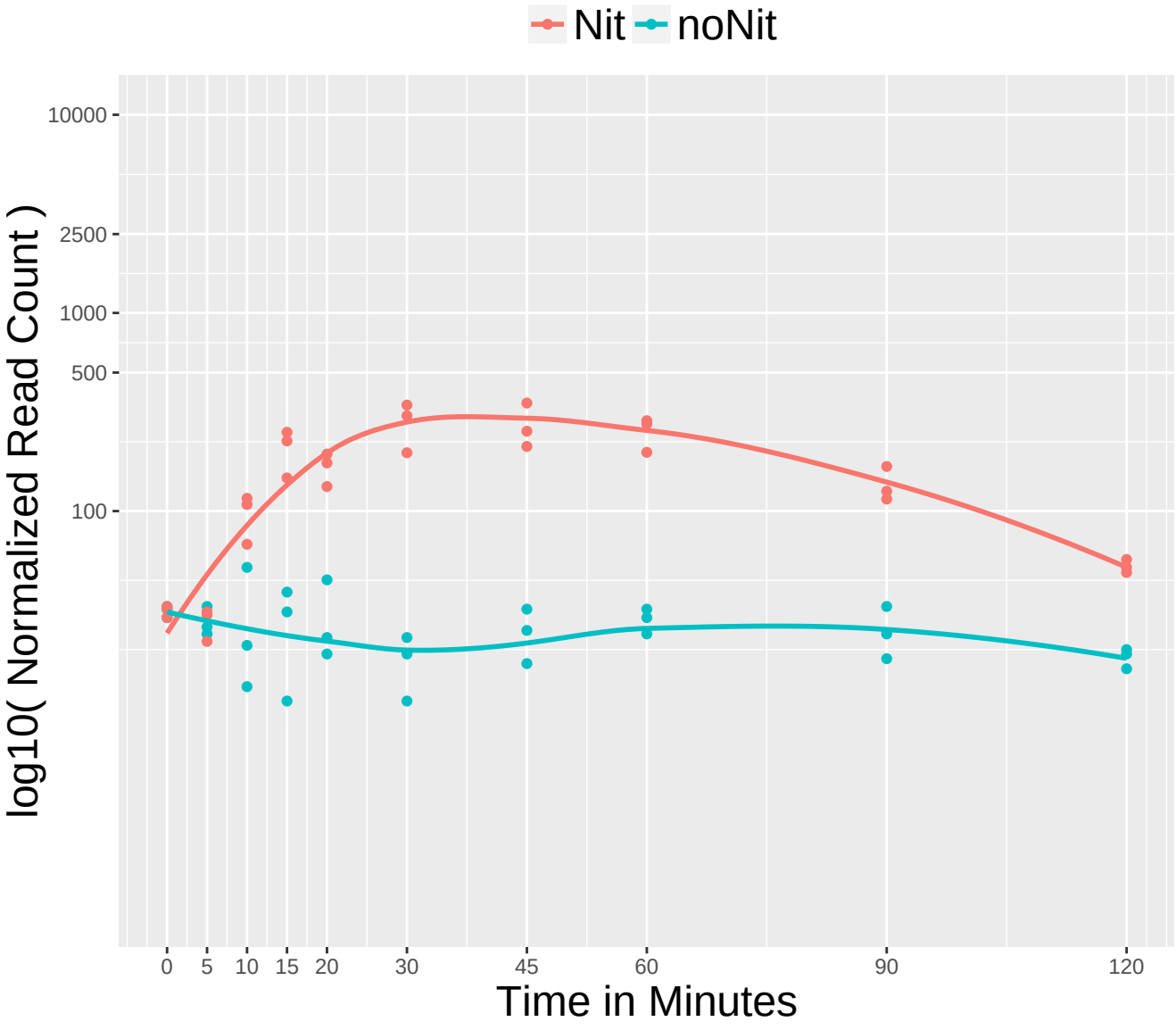

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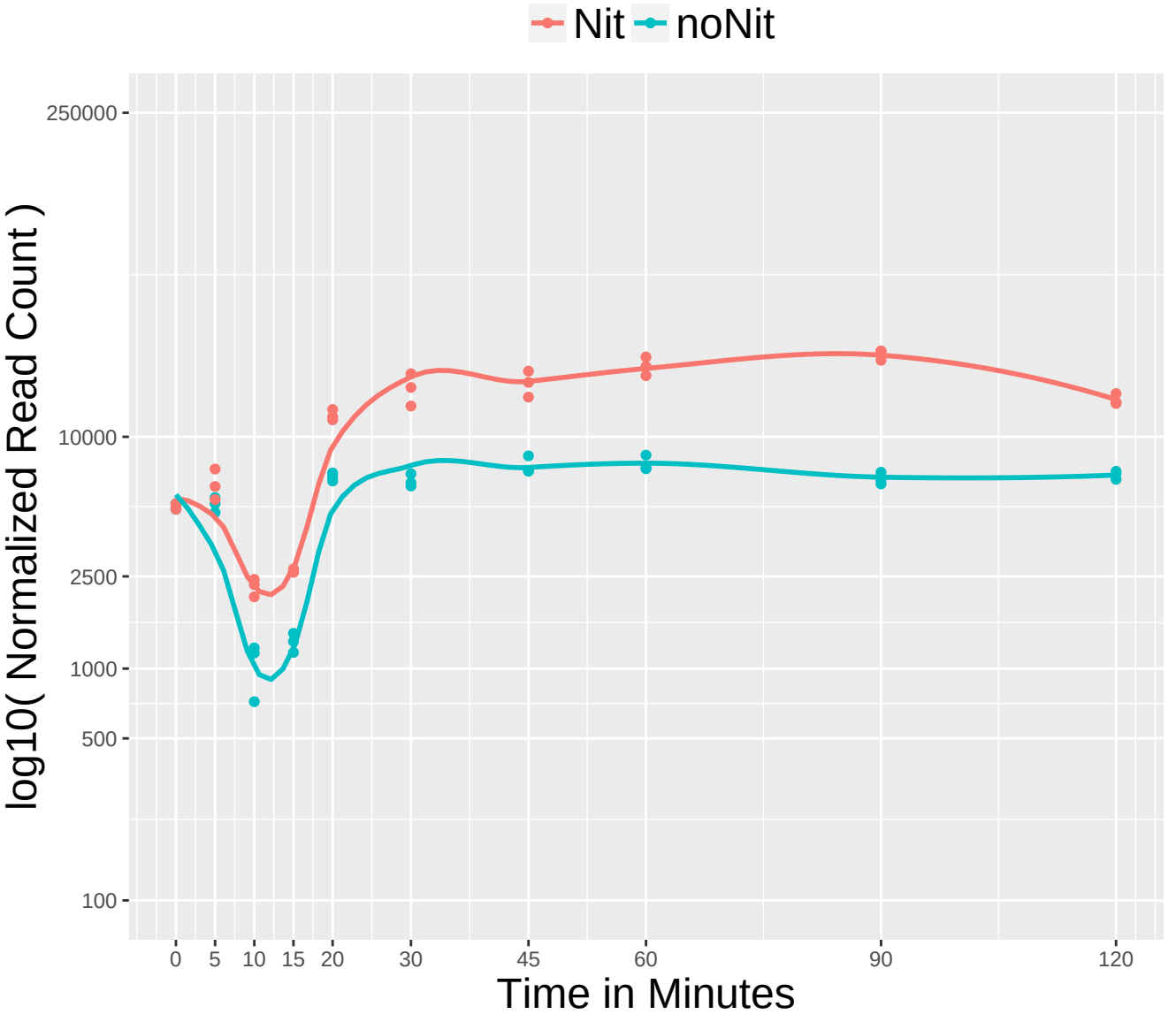

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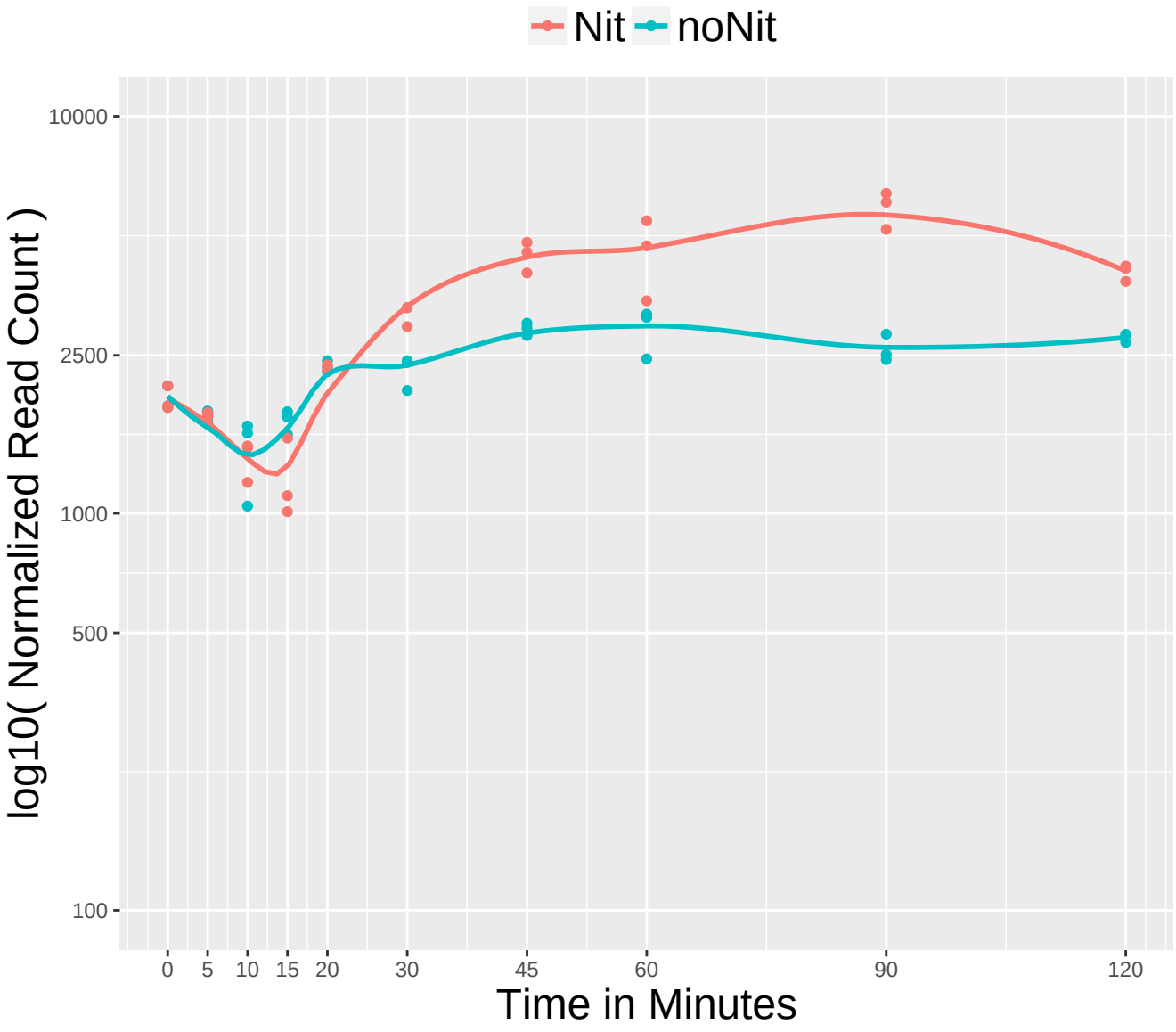
ATKEA2,,KEA2,K+



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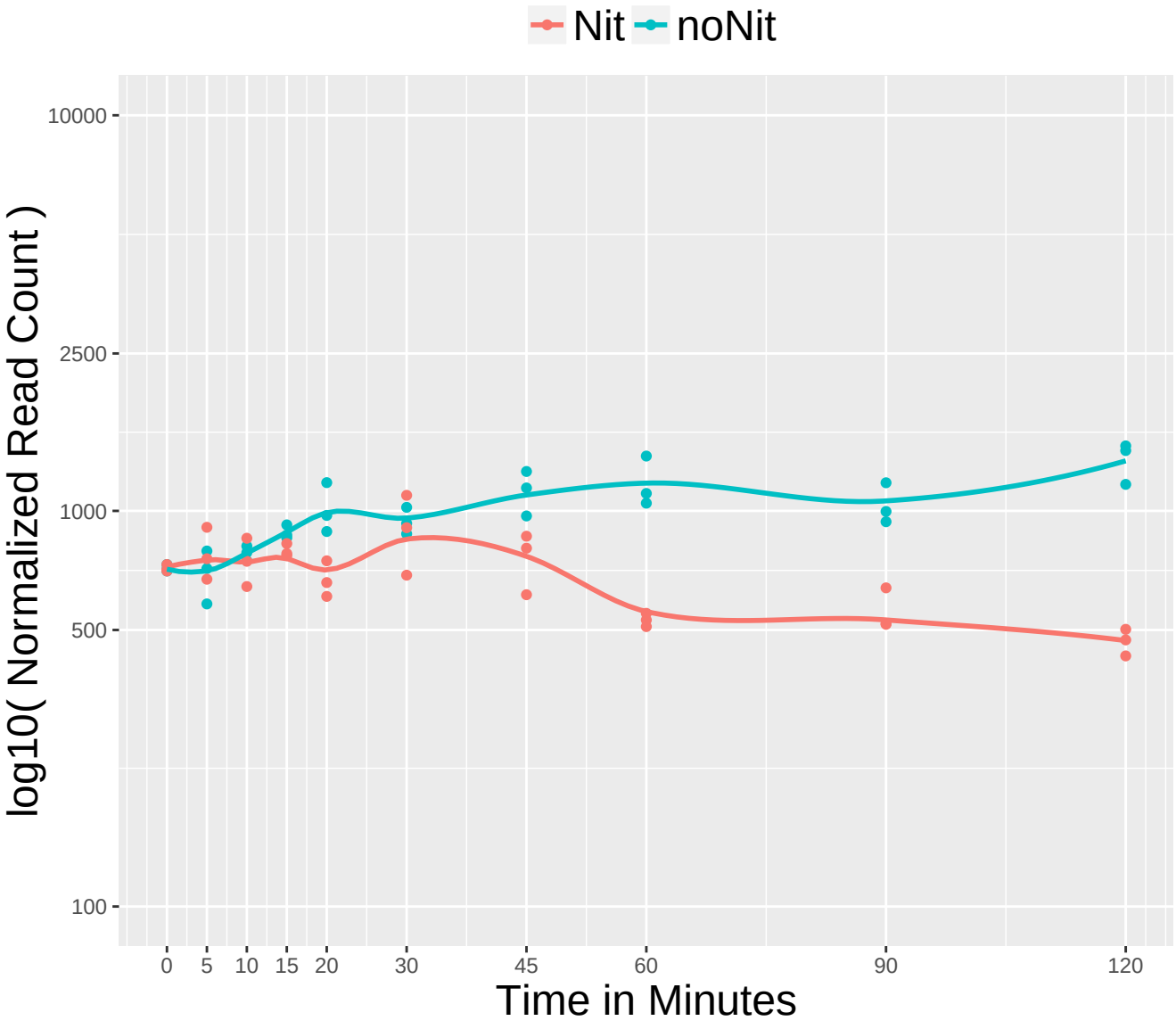
SQD2,sulfoquinovosyldiacylglycerol



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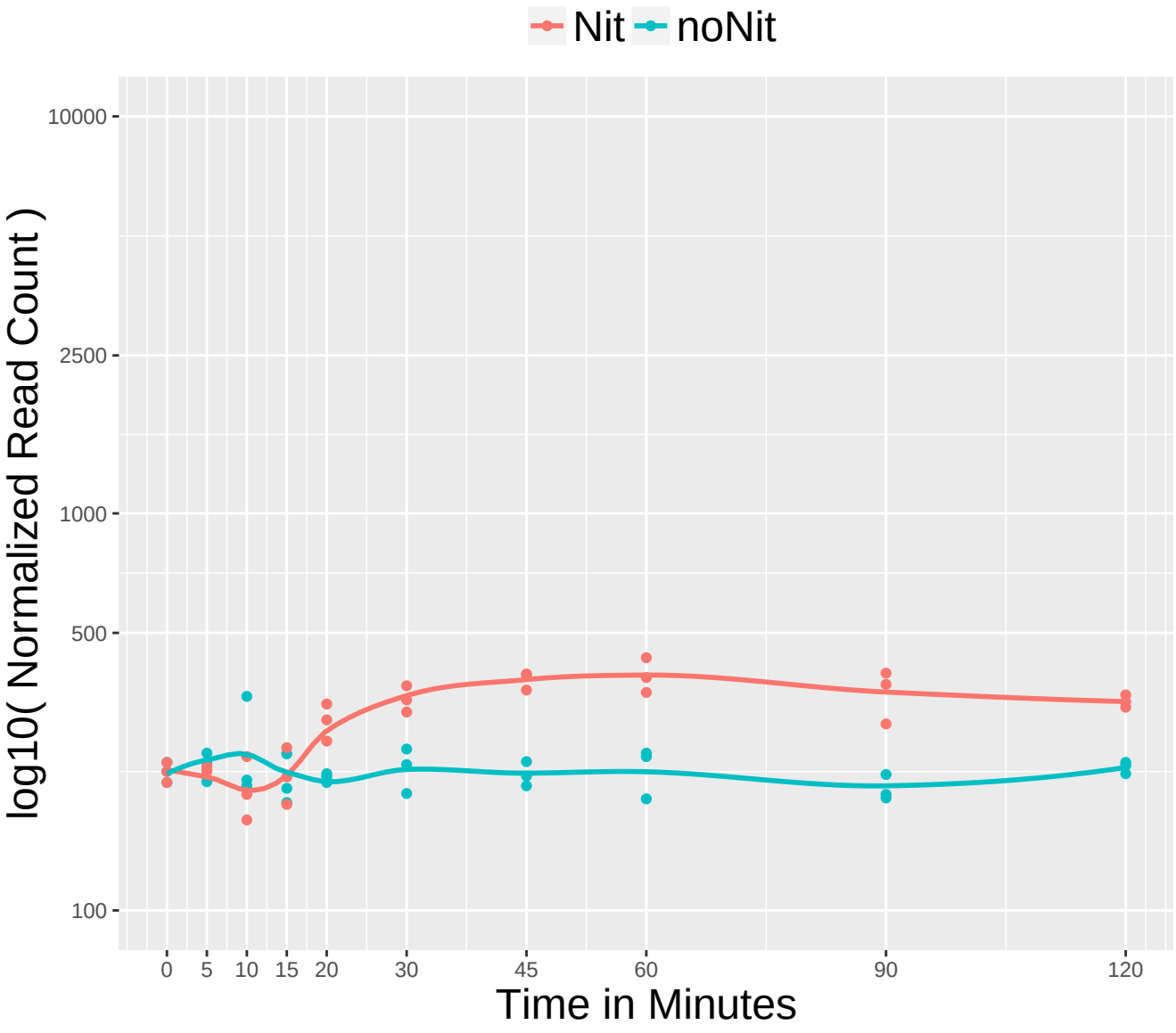
ATXR5,ARABIDOPSIS



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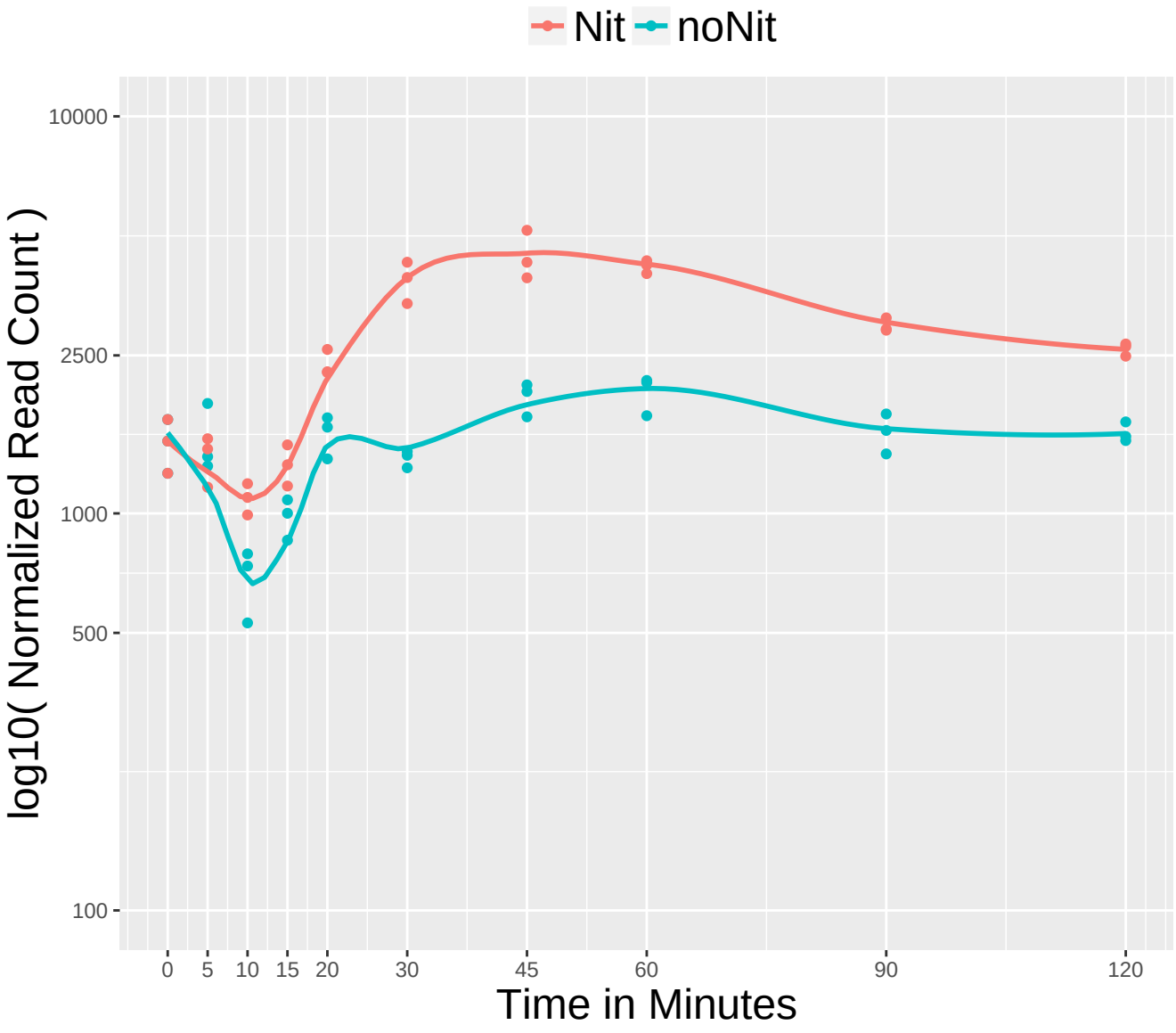

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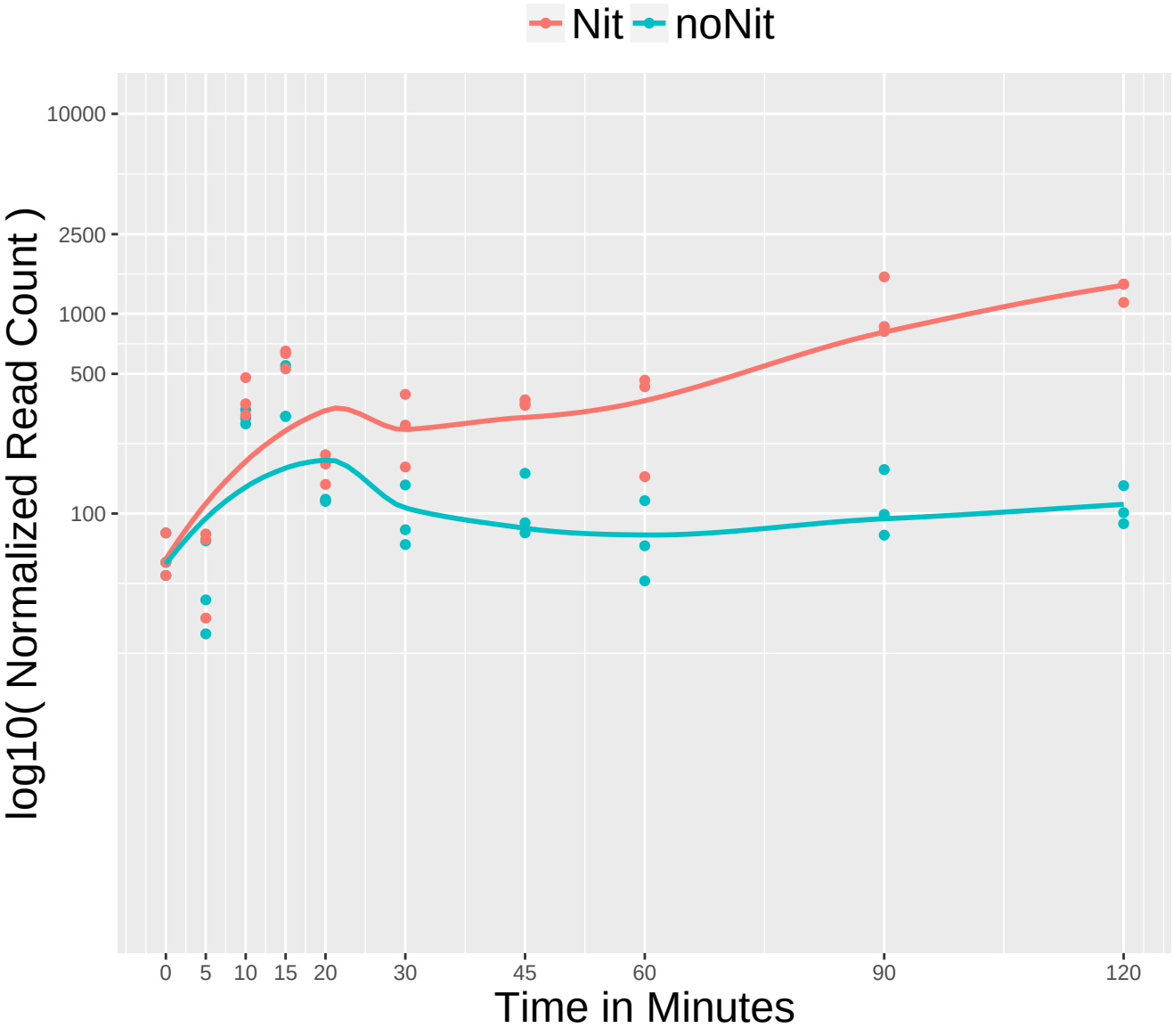

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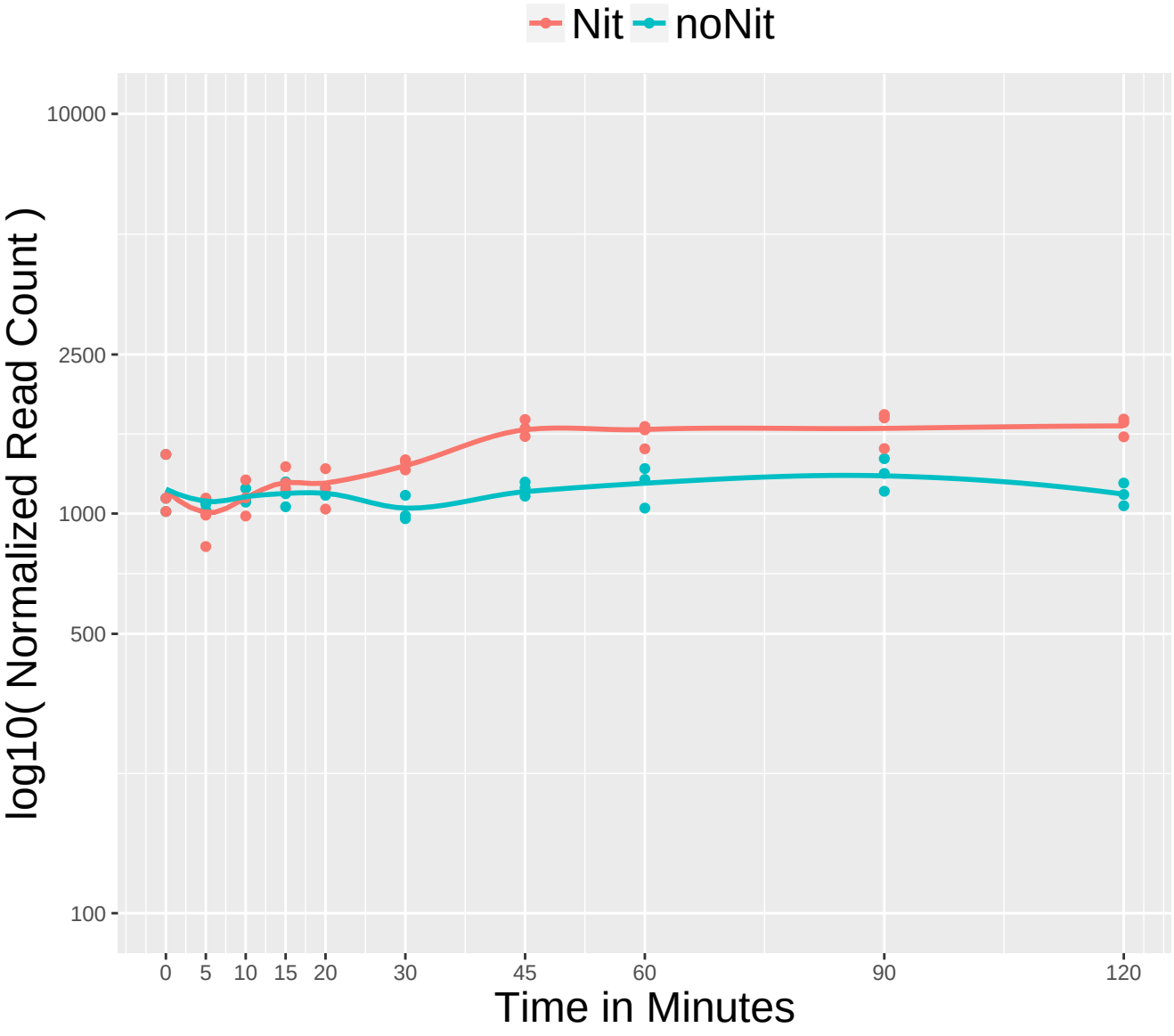
Leucine−rich



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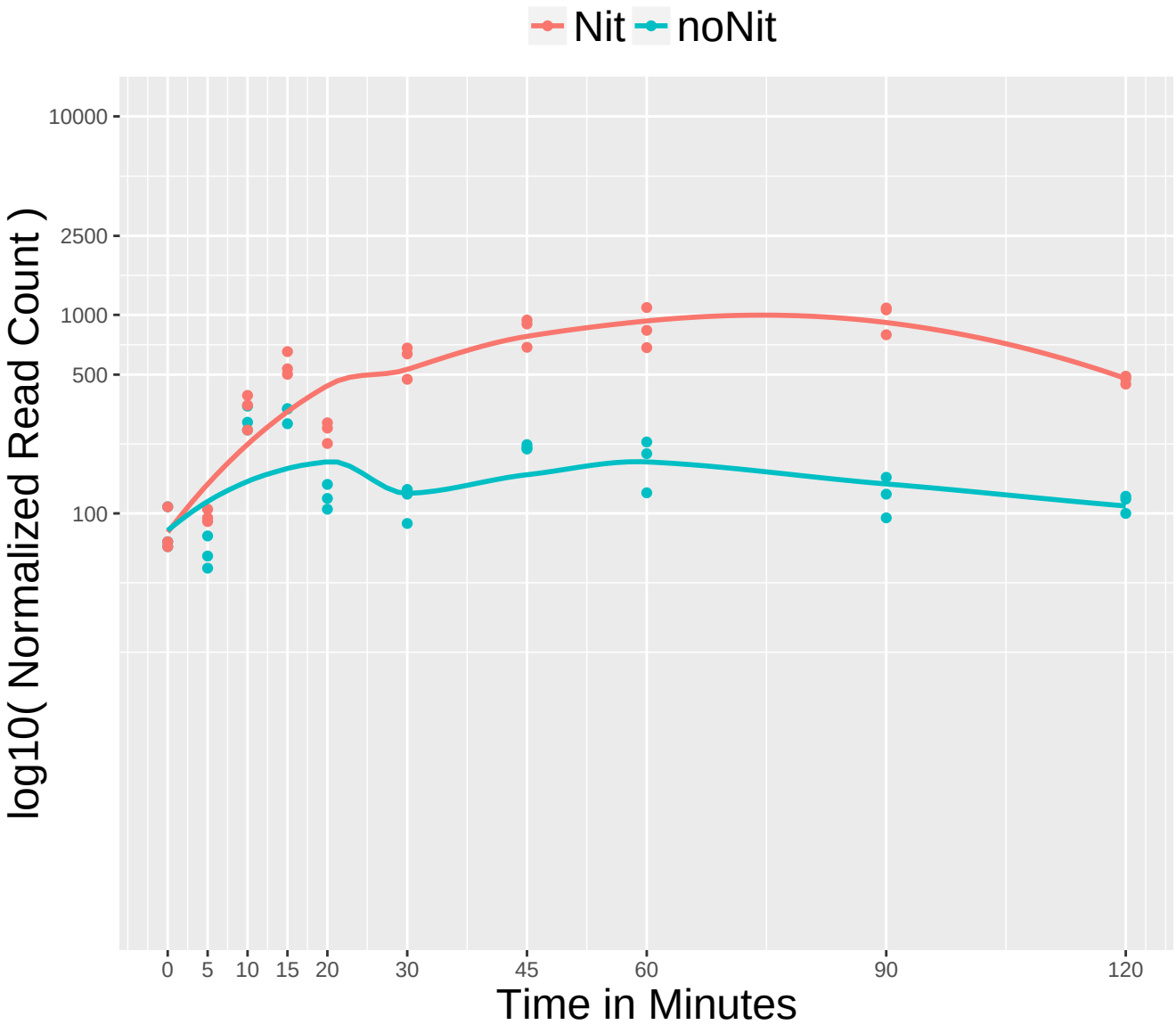

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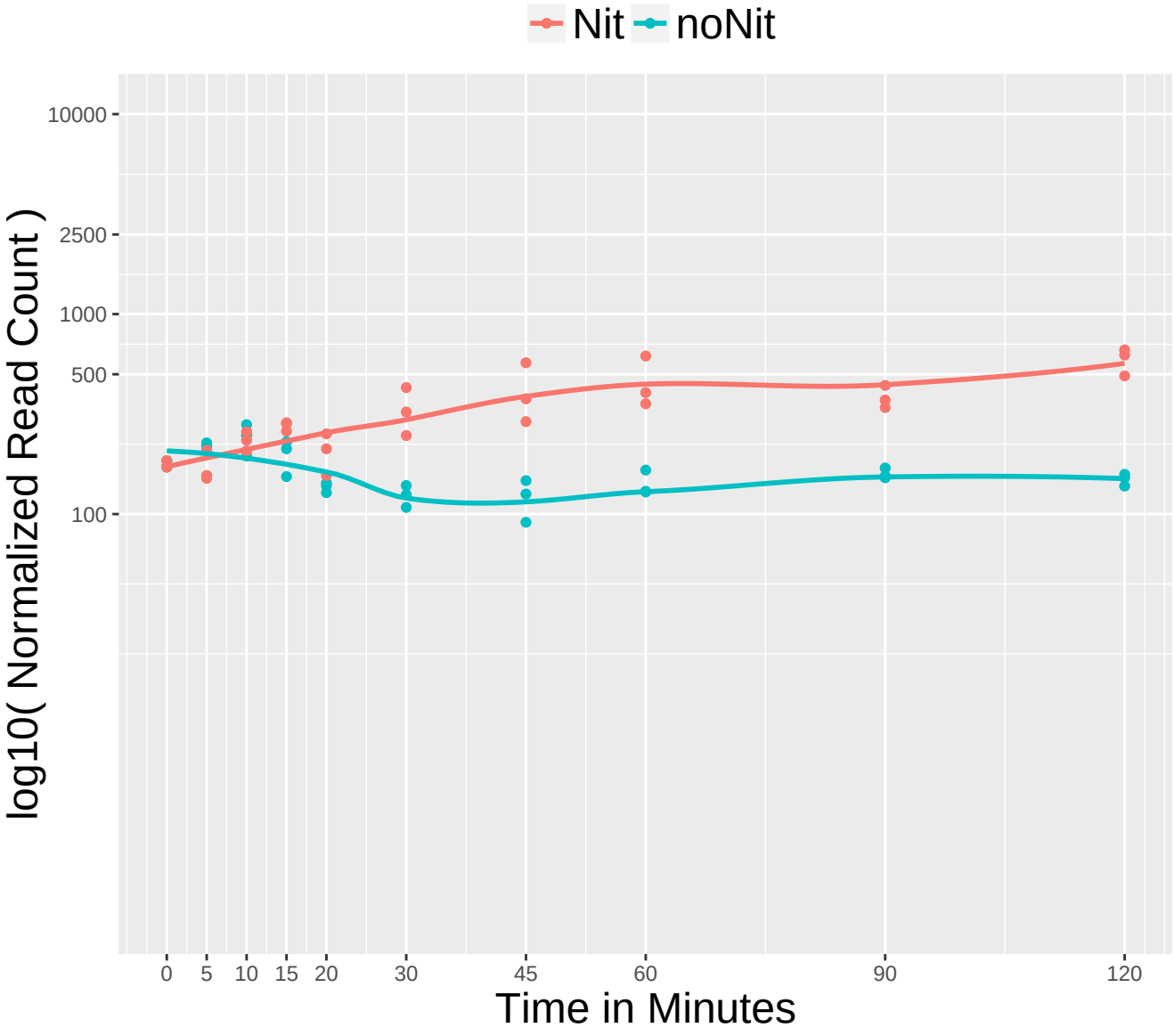

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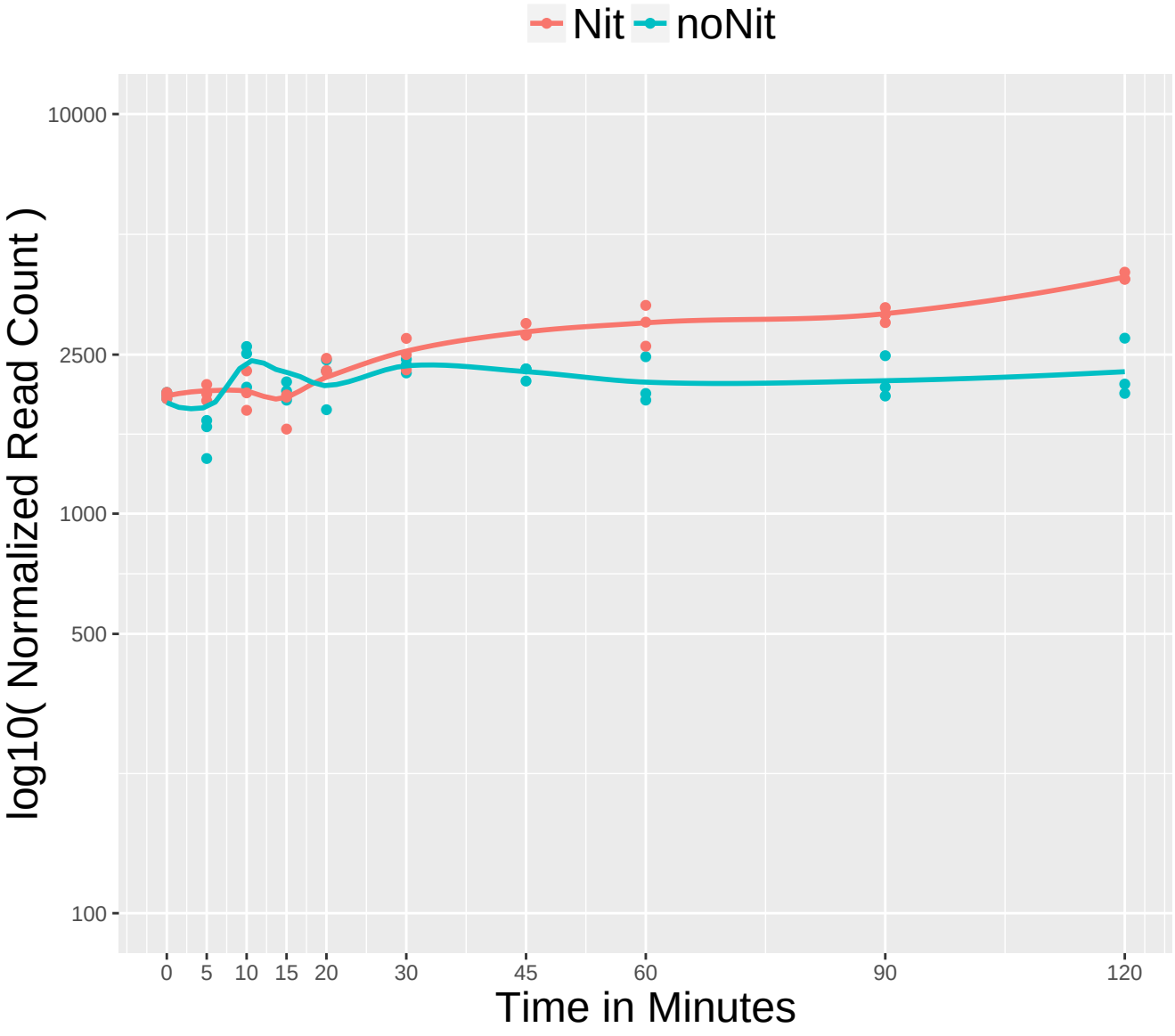

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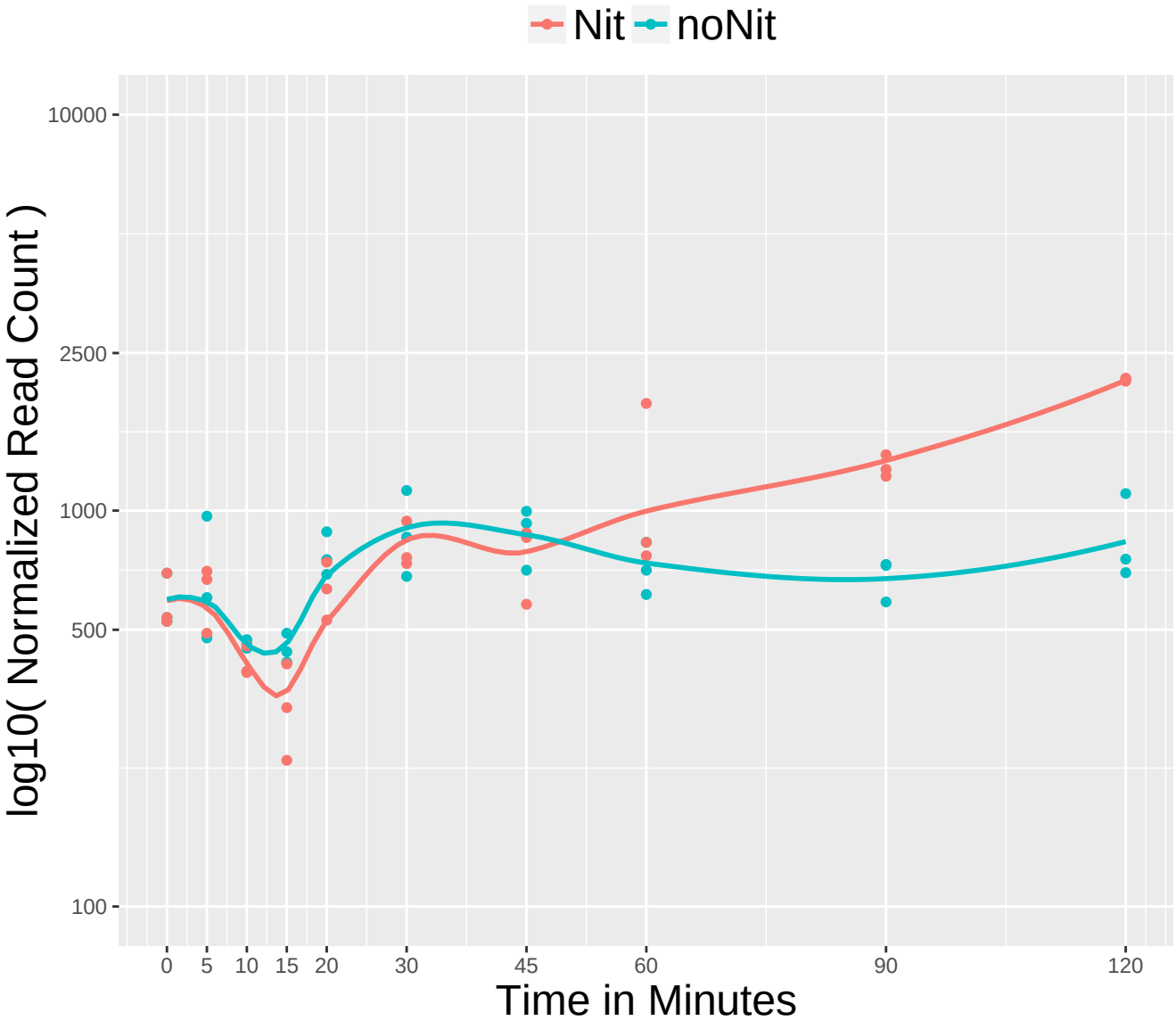
P−loop



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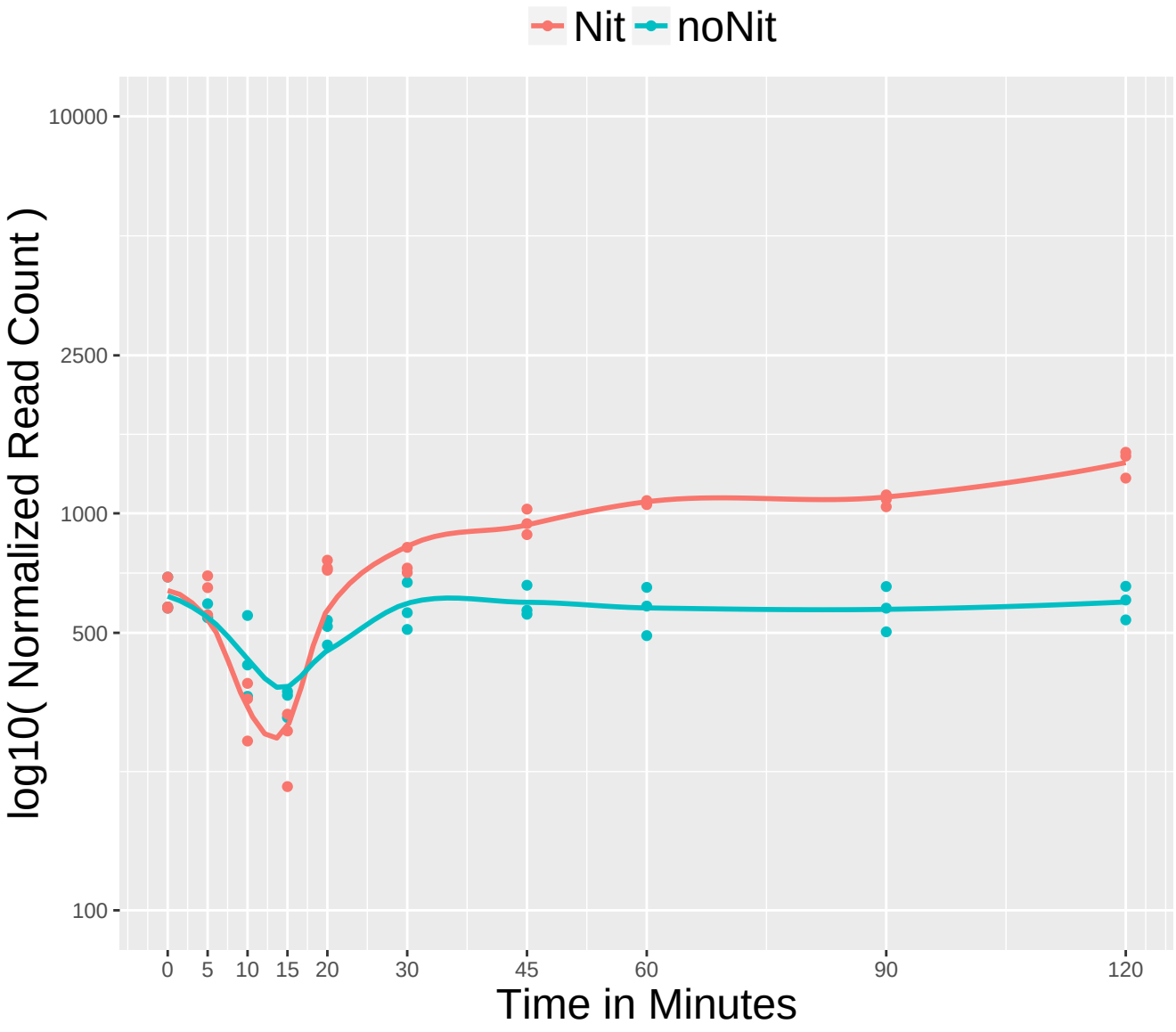

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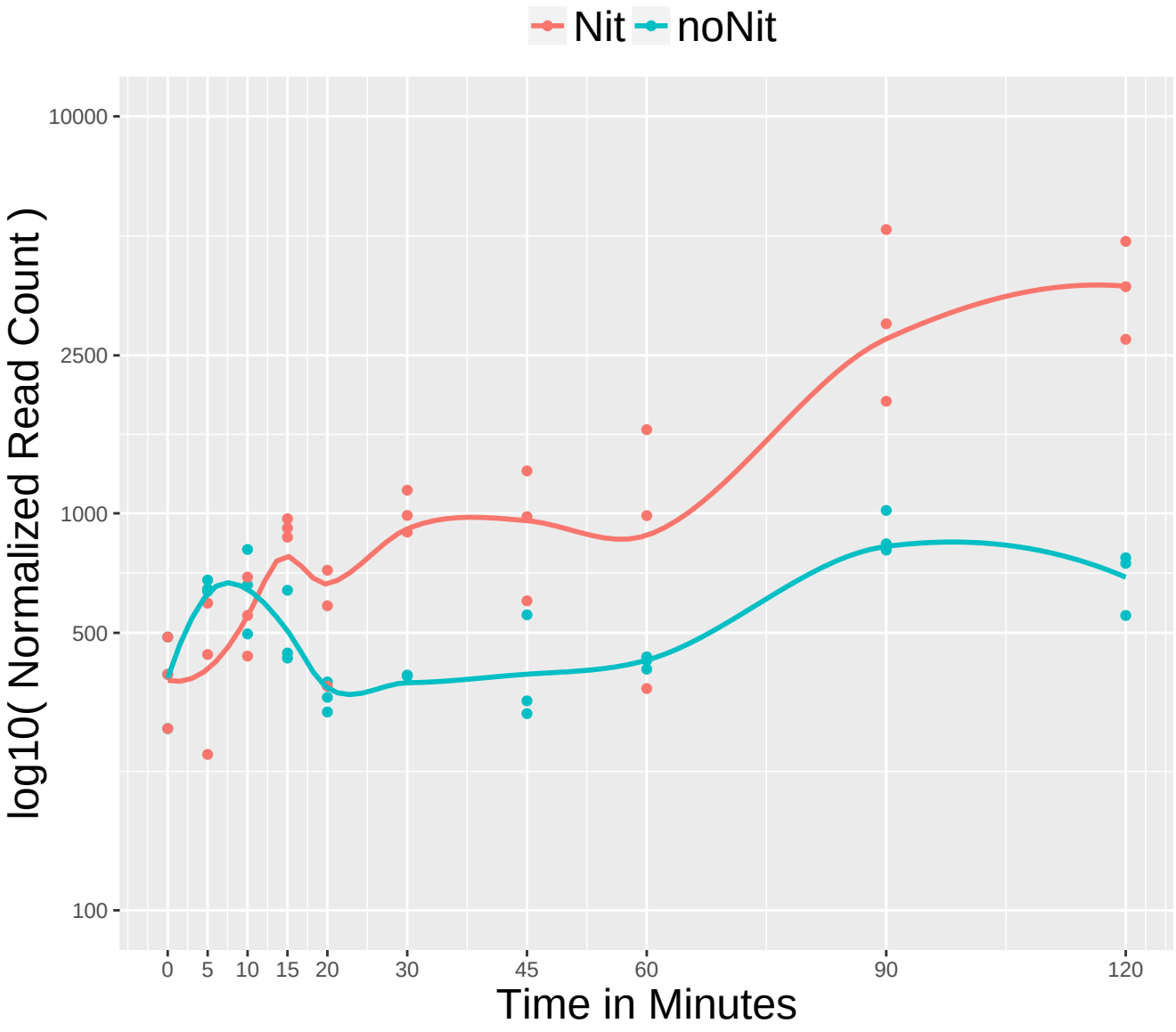

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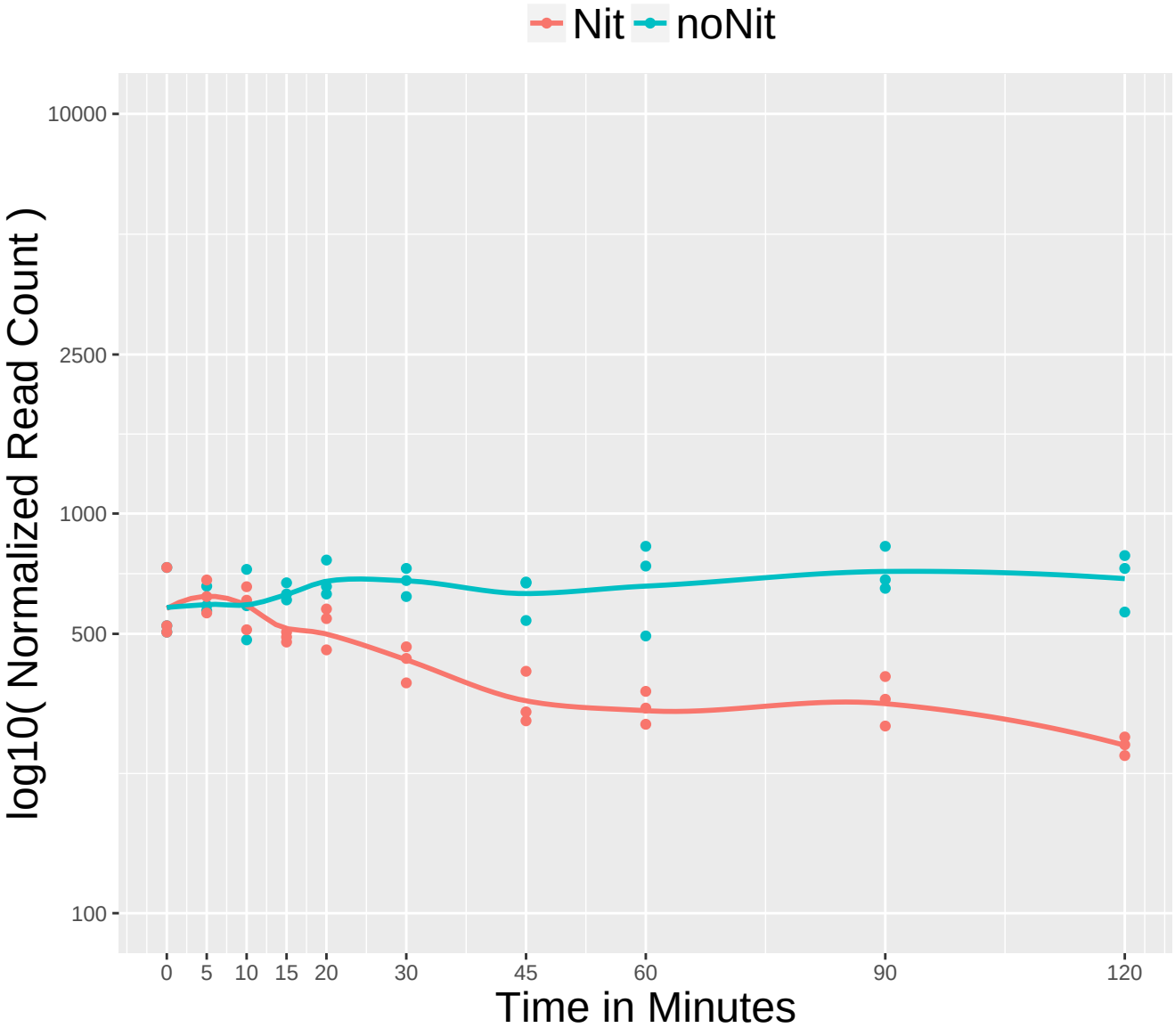
Exostosin



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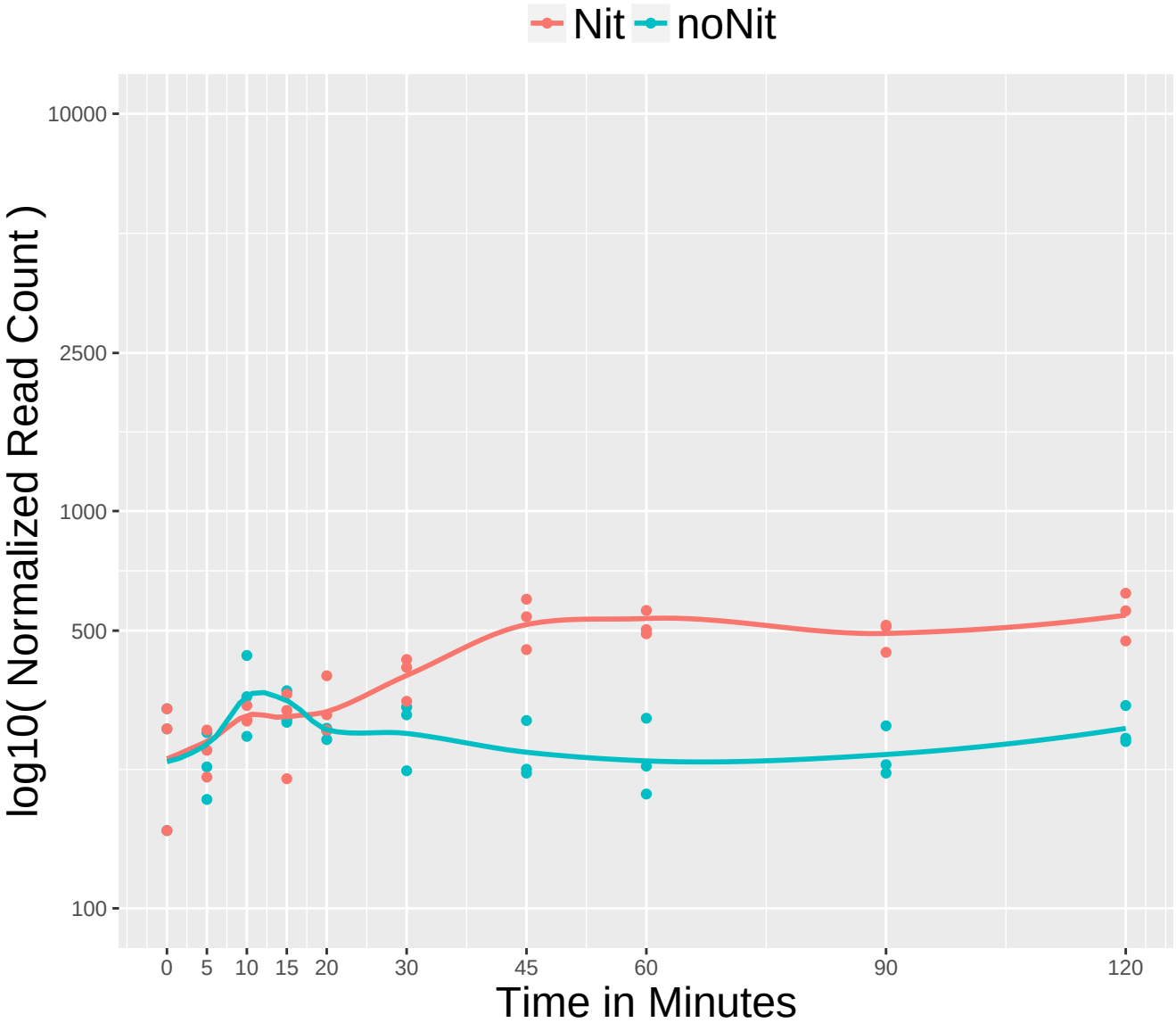

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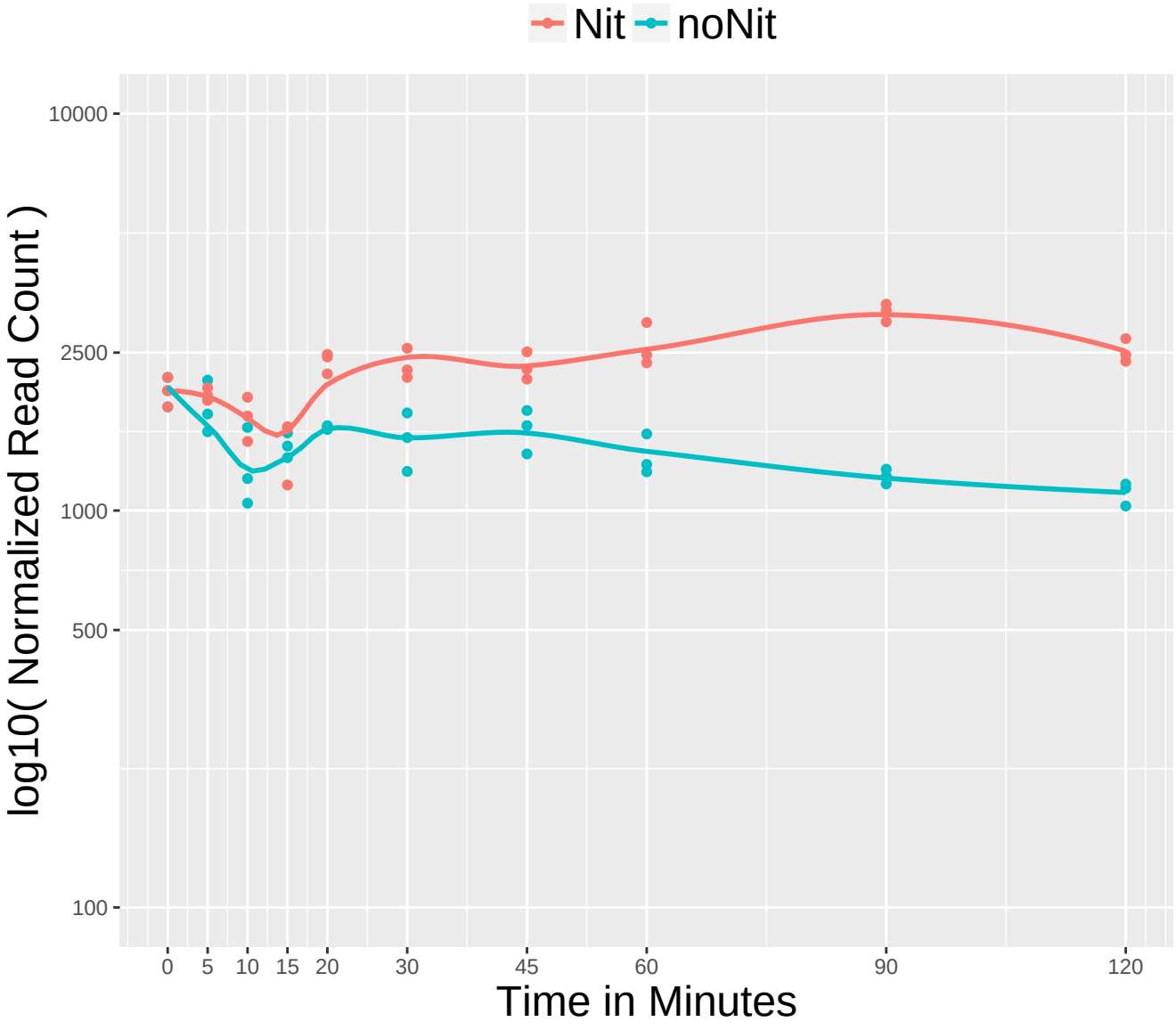
GBF3,G−box



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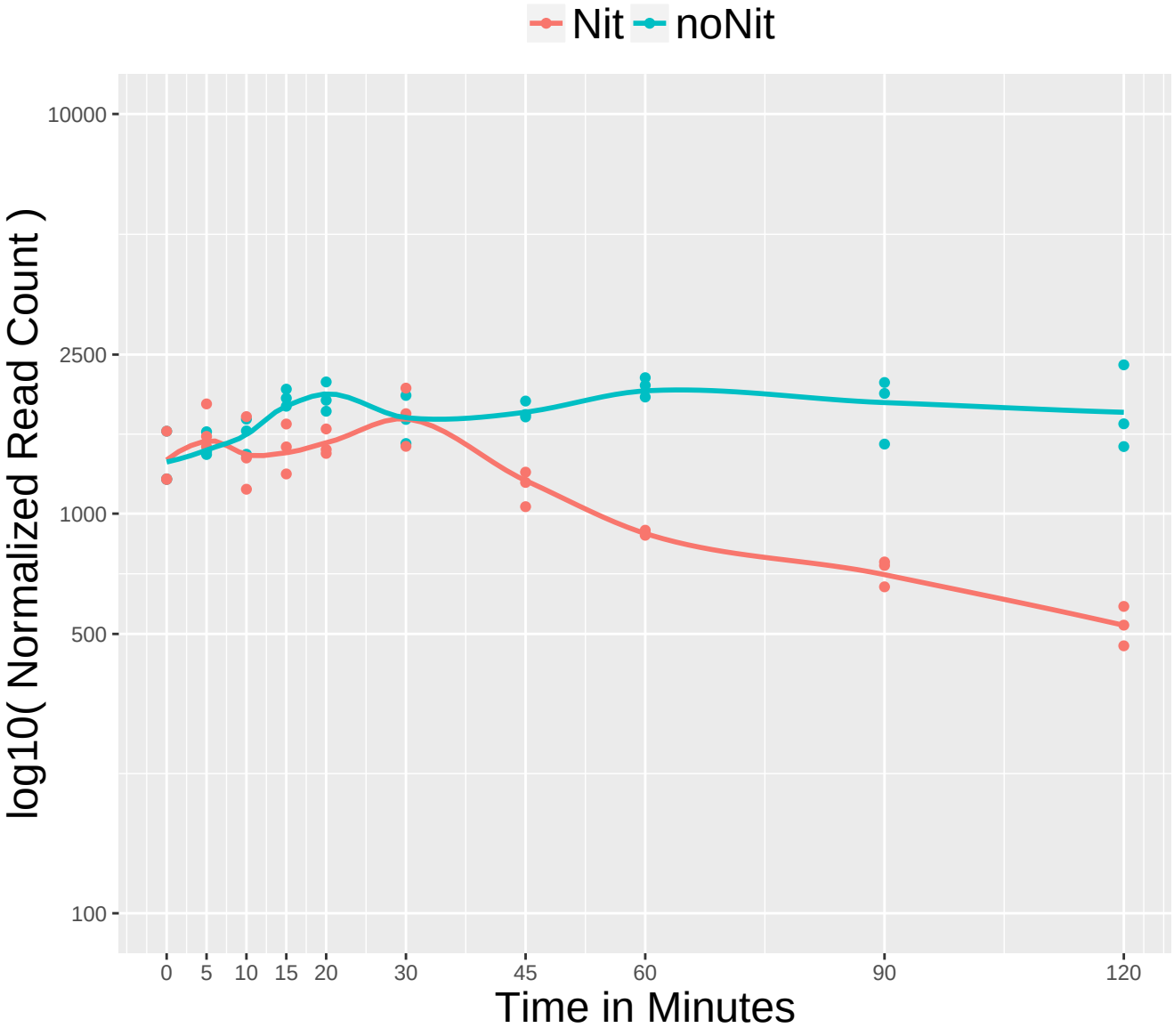
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log10(Normalized Read Count)
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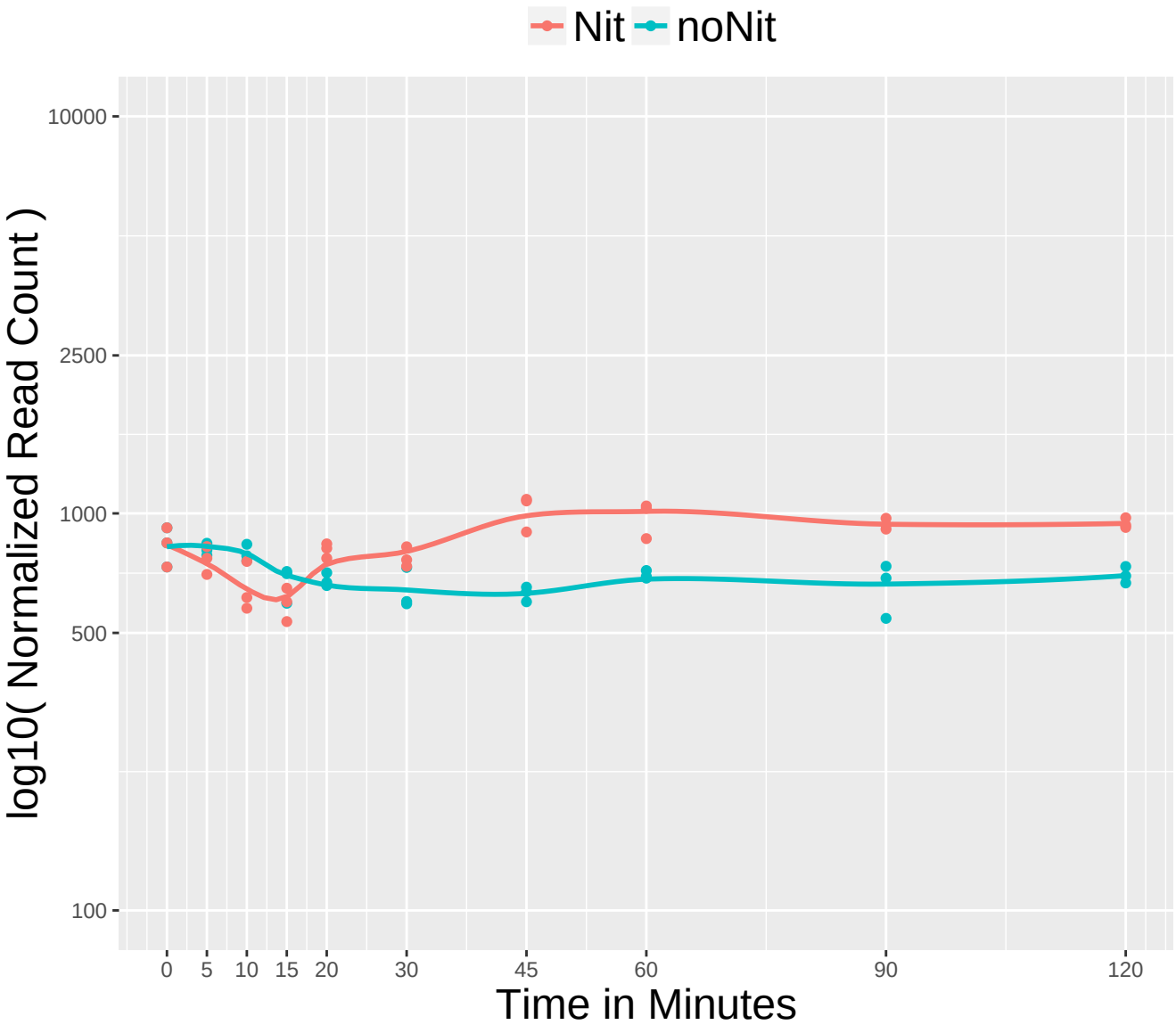
5
10
15
20
30
45
60
90
120
Time in Minutes

AT3G20020

ATPRMT6,ARABIDOPSIS



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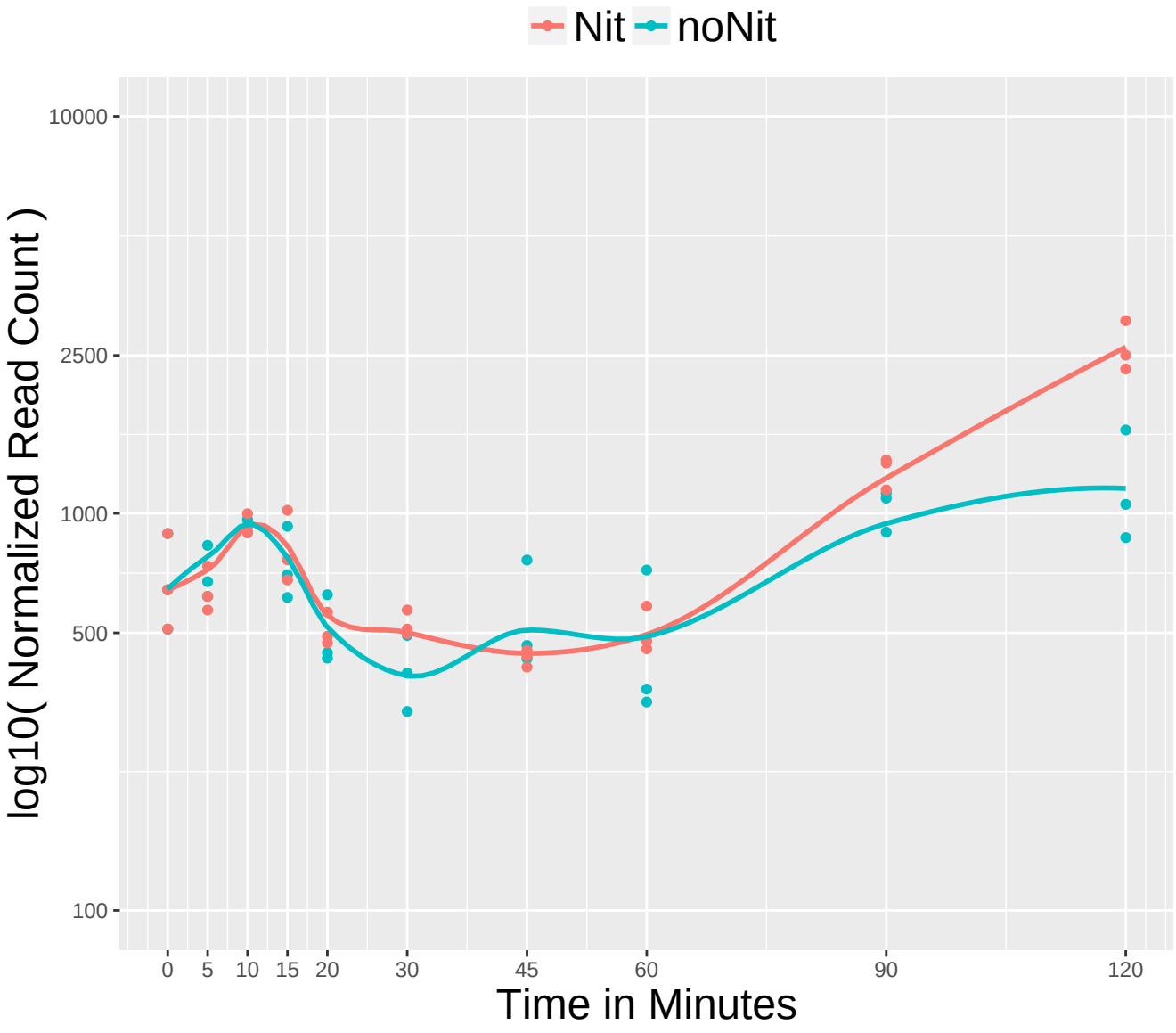

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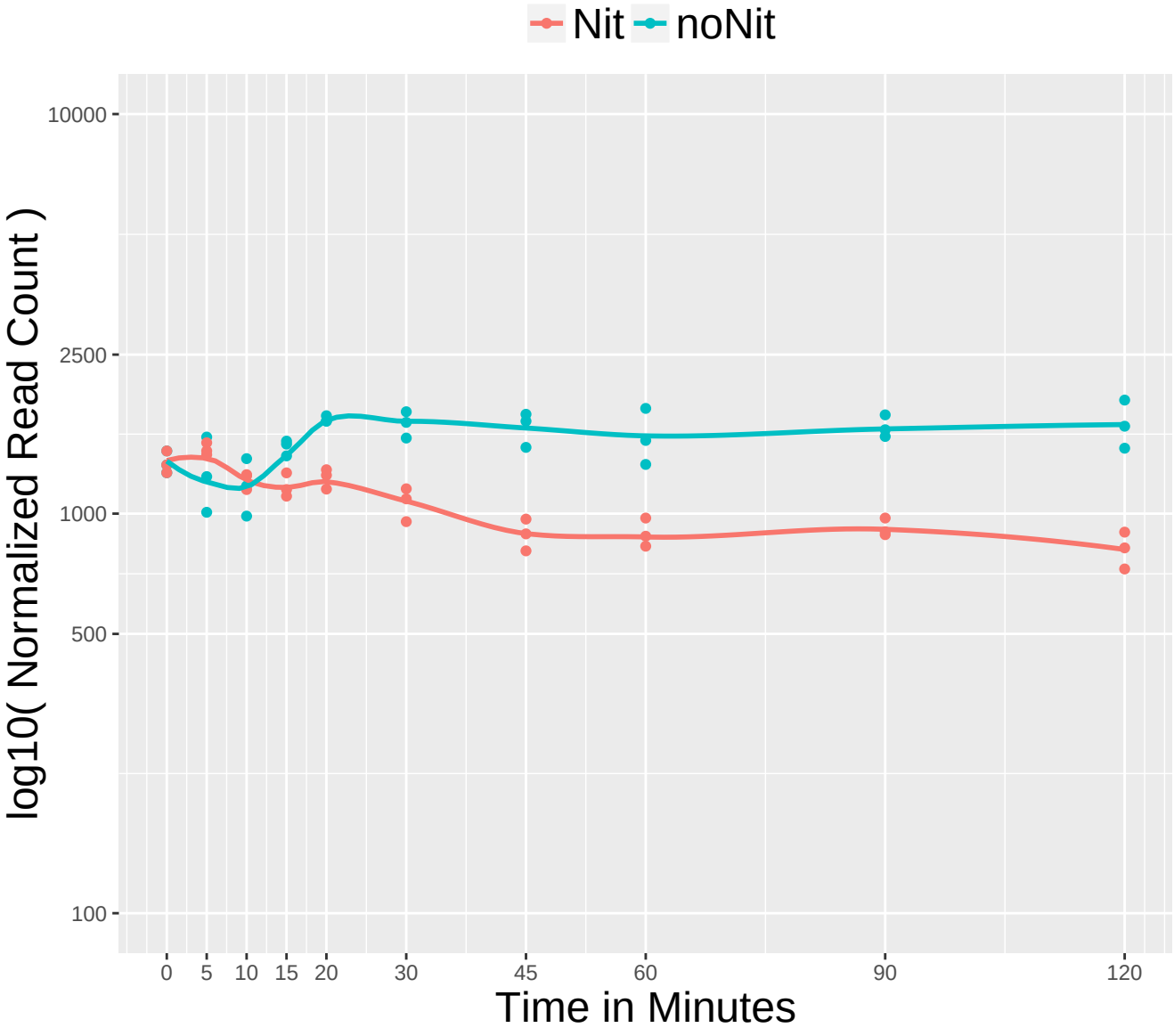

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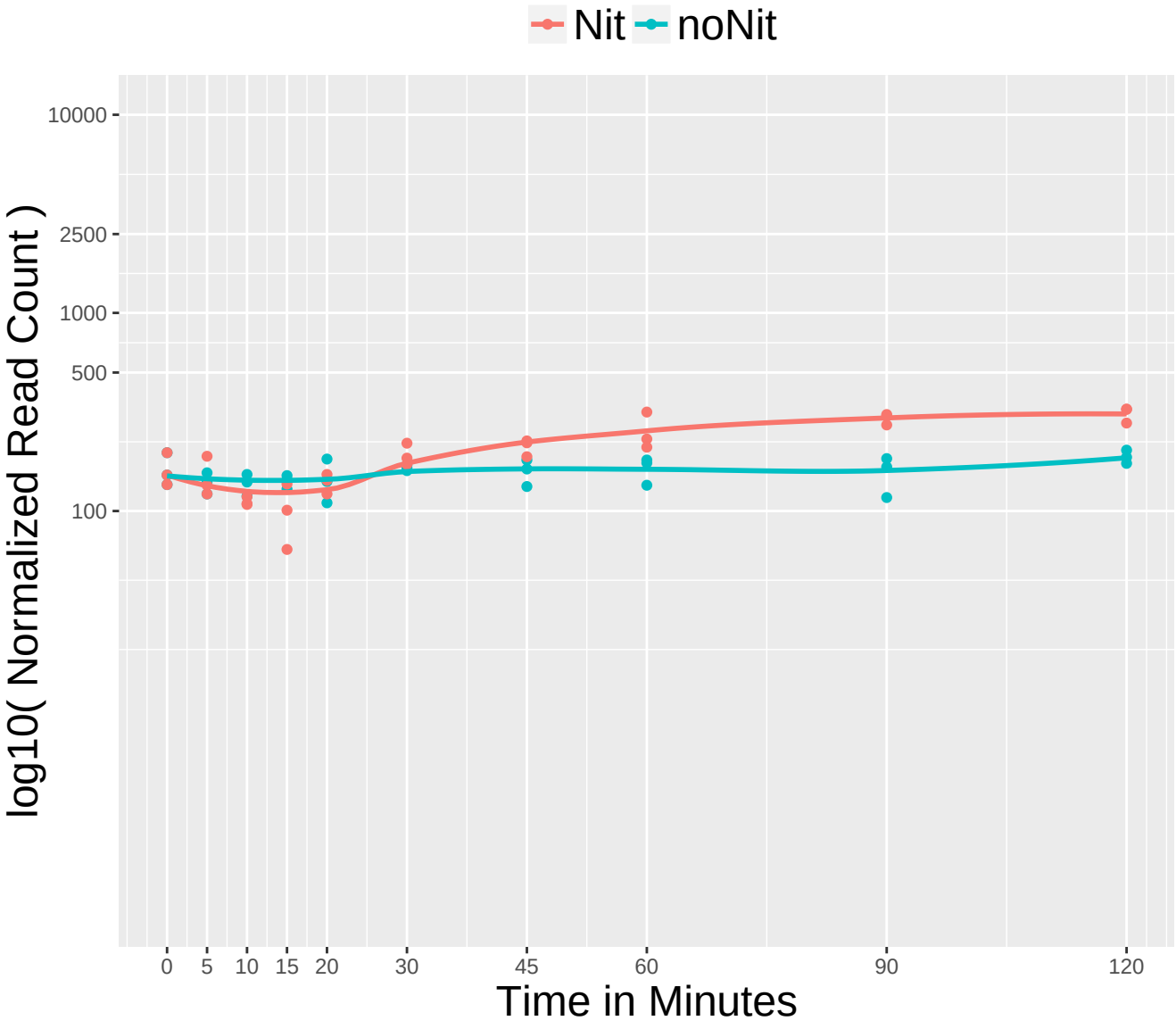

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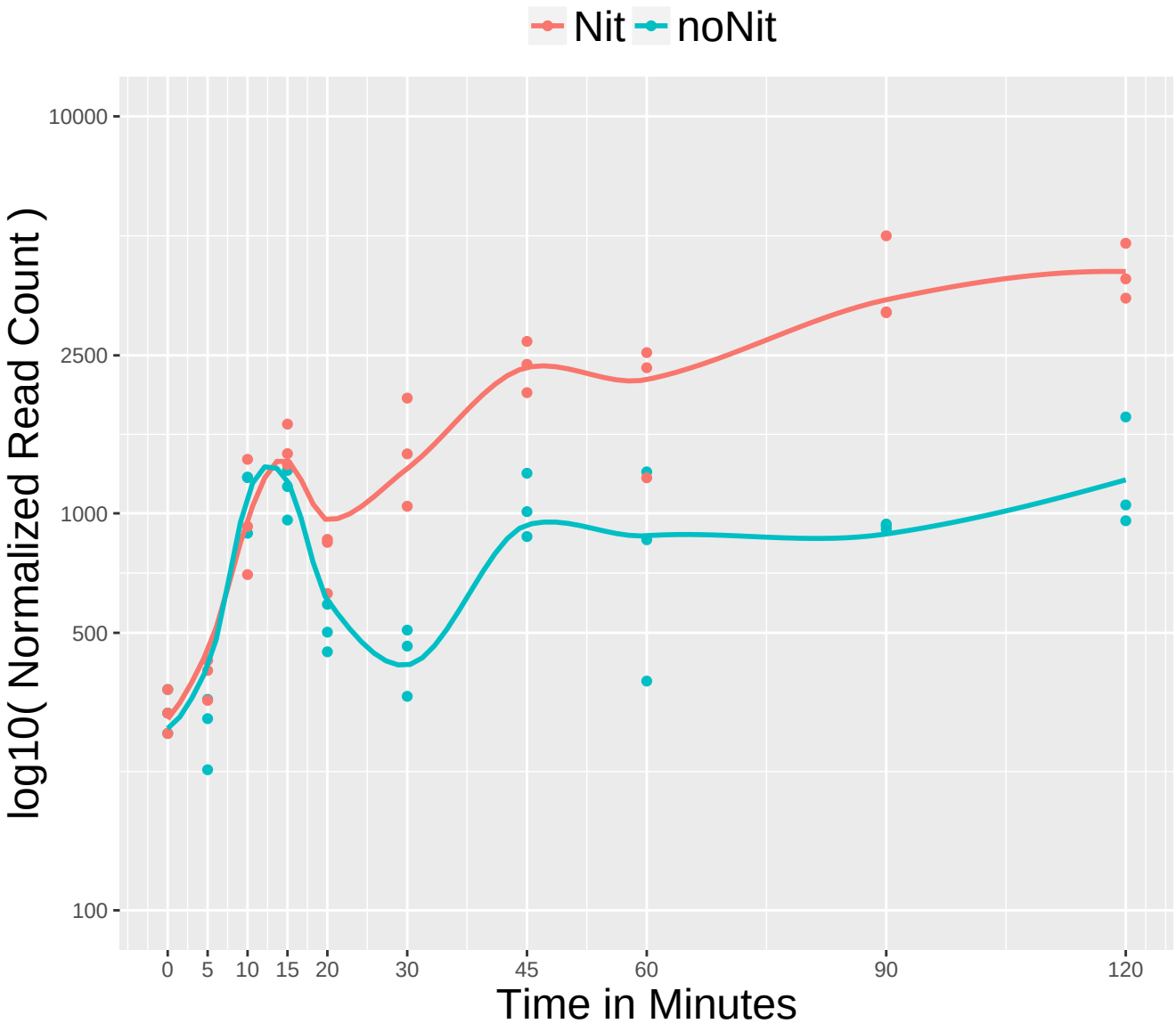

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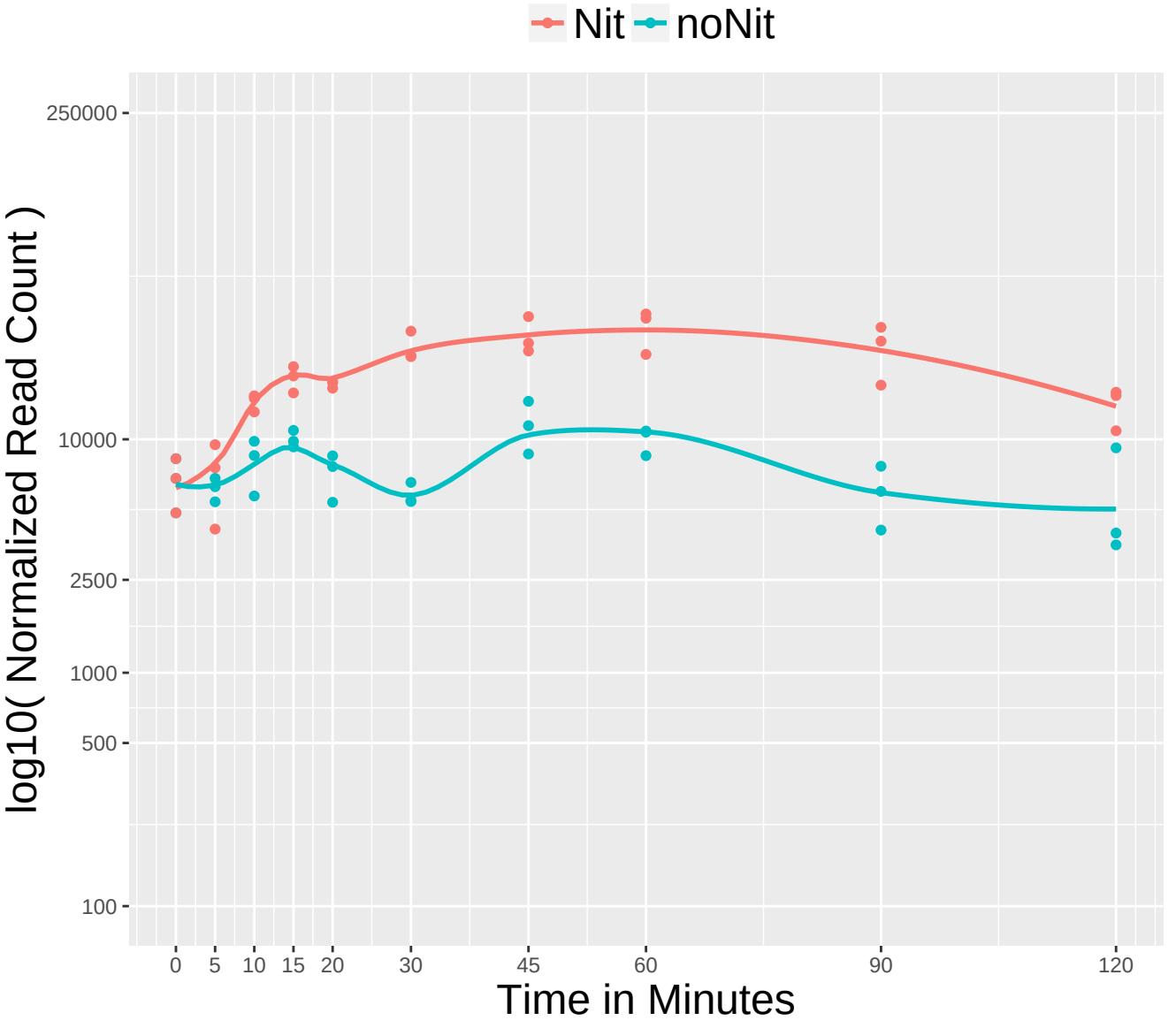

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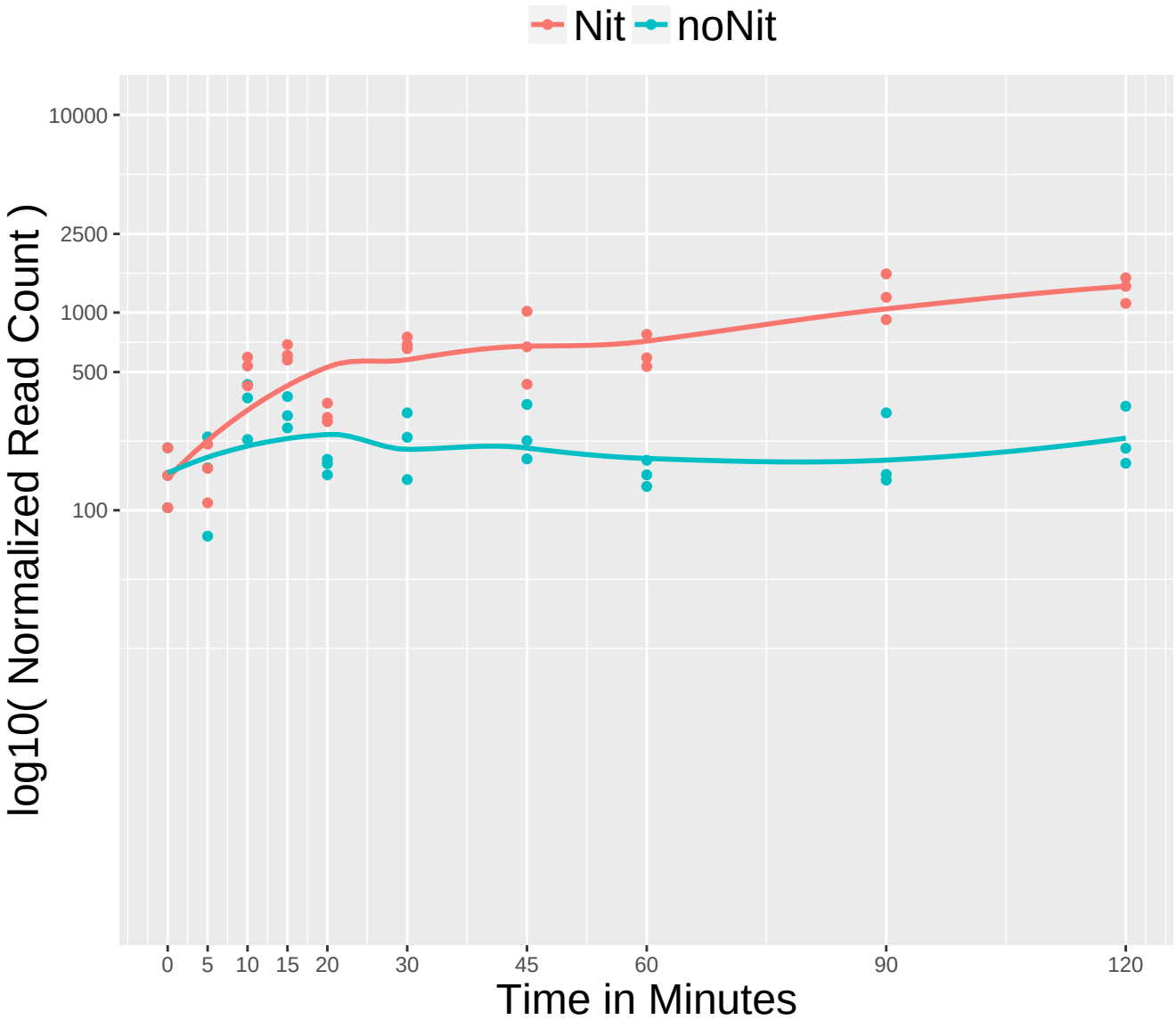

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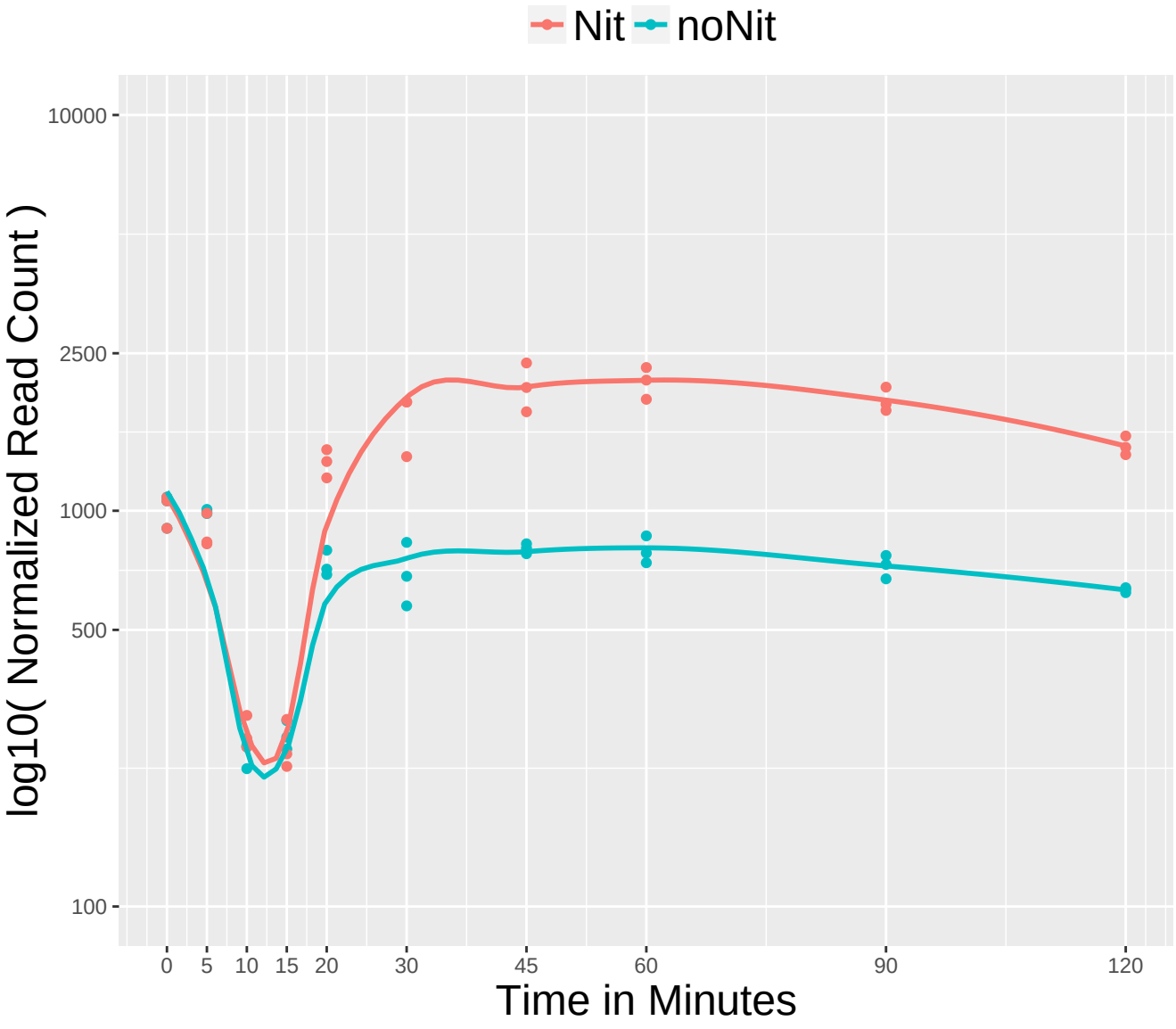

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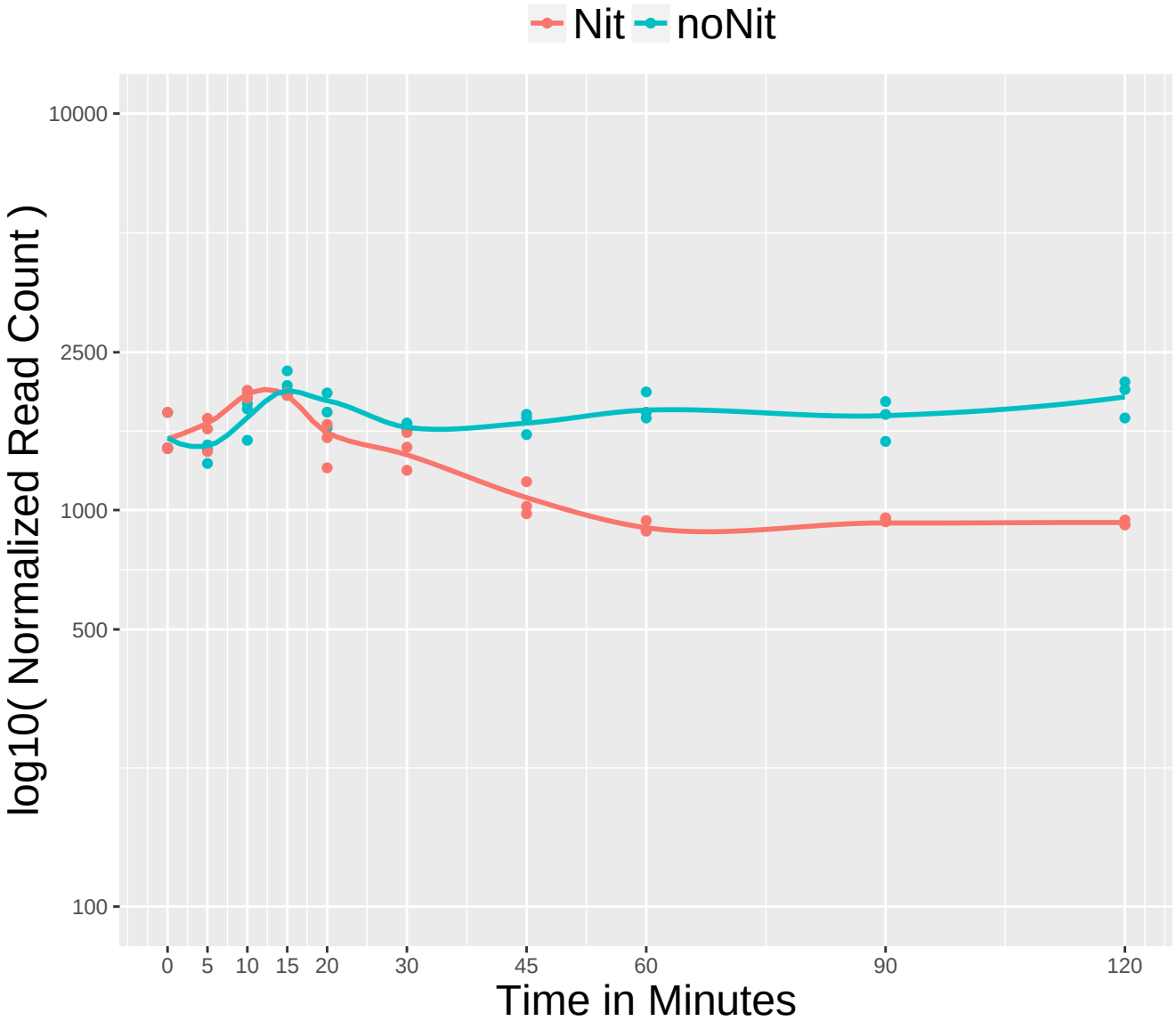

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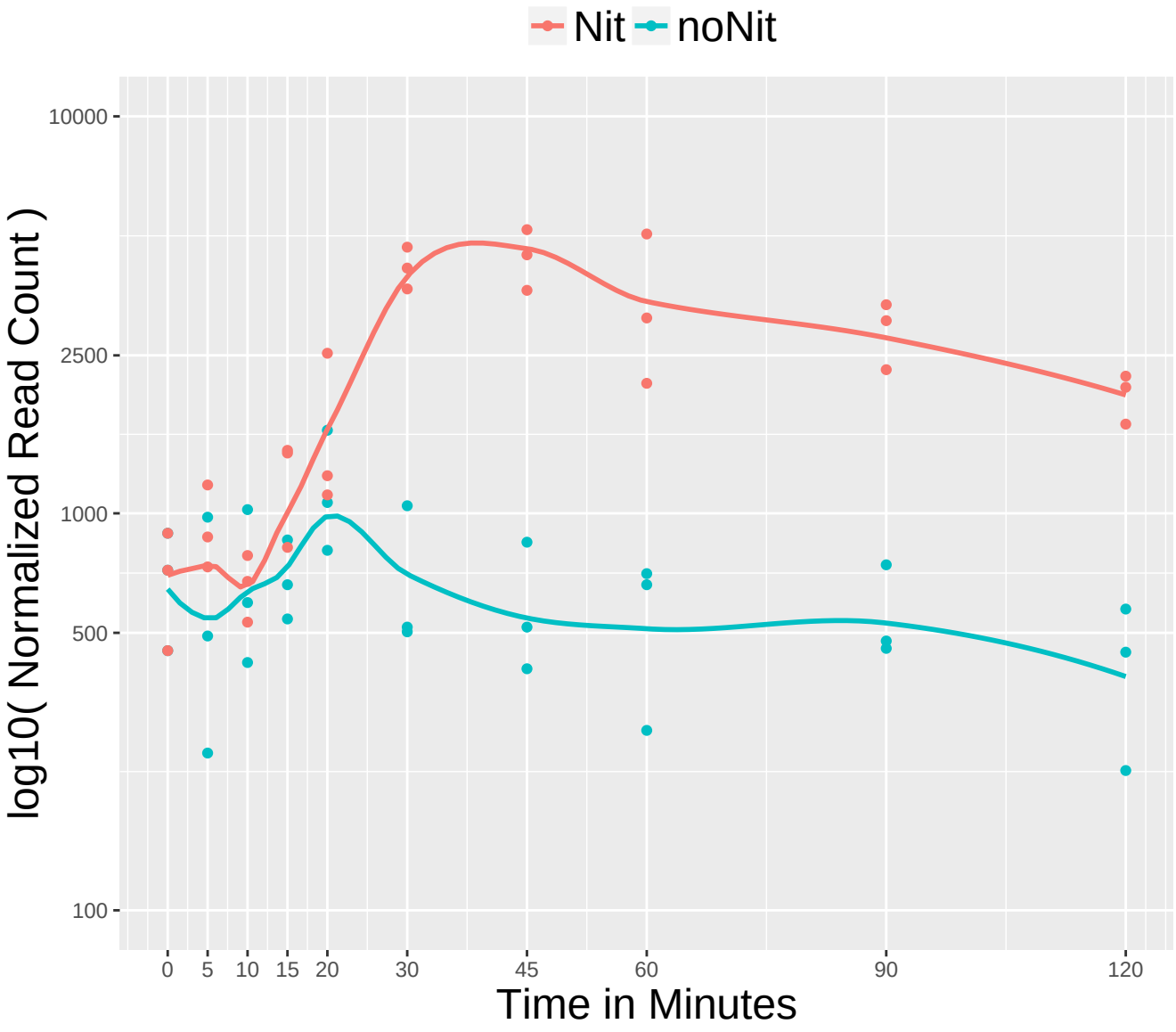

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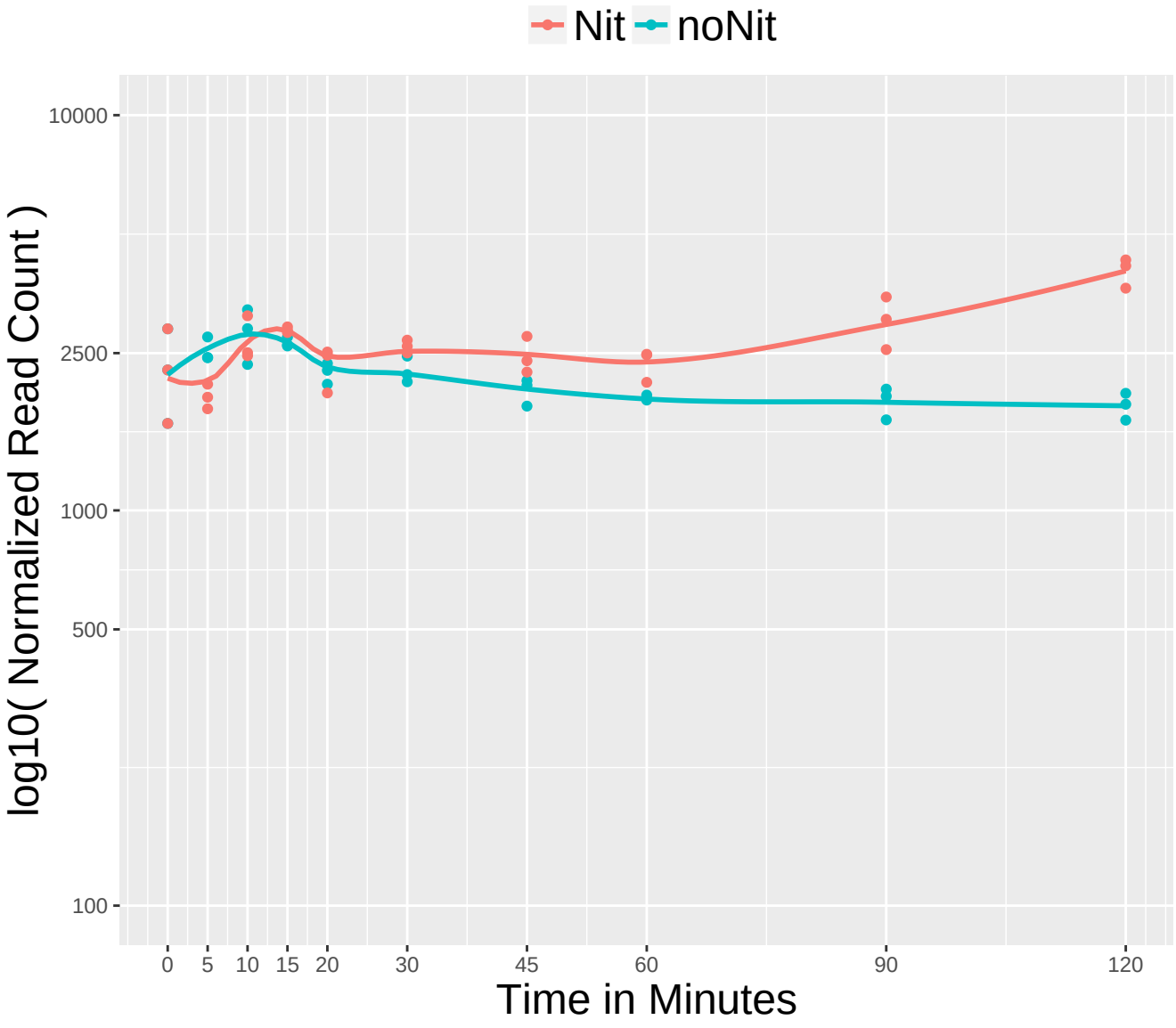
Carbohydrate−binding



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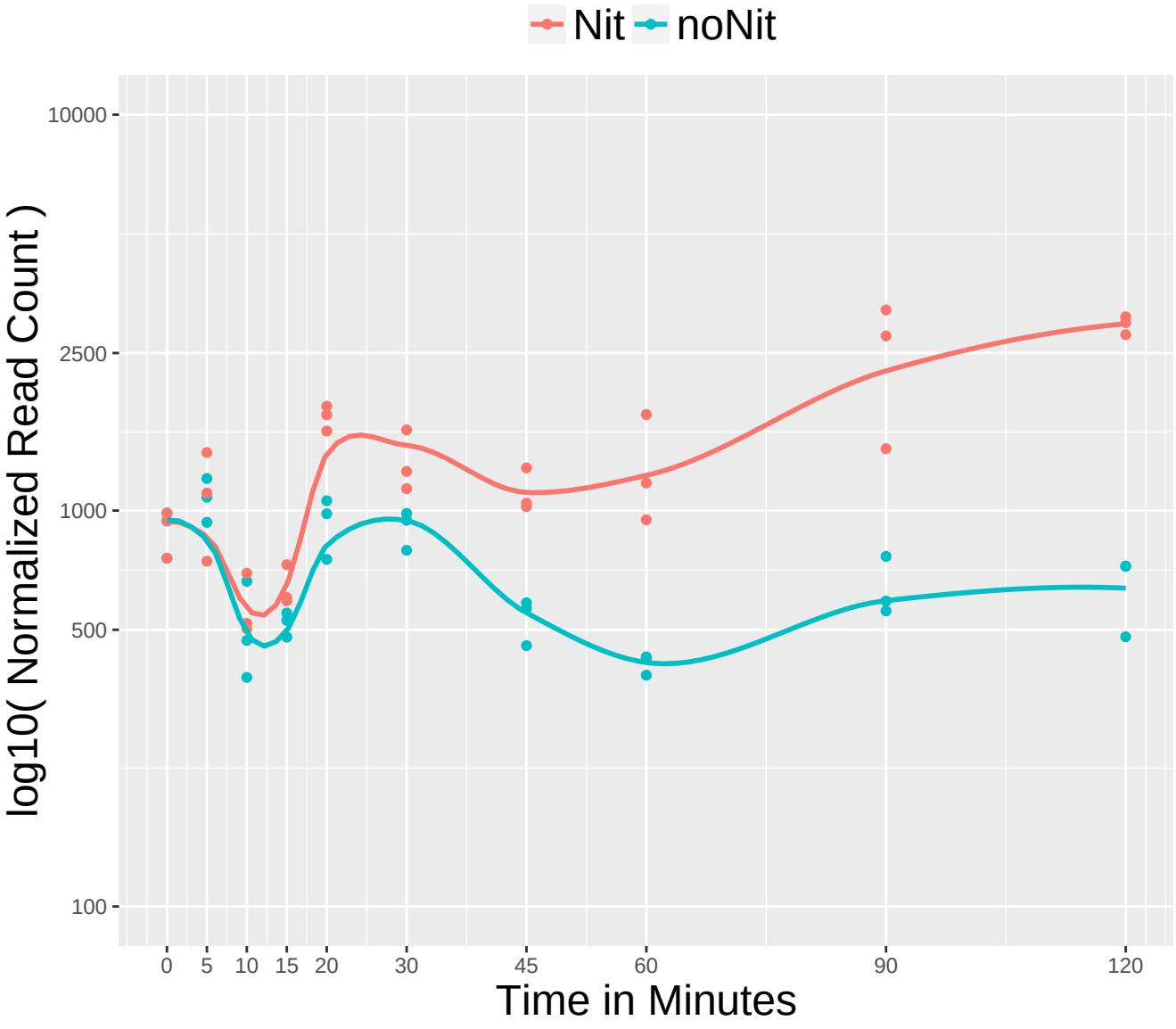
ARR7,response



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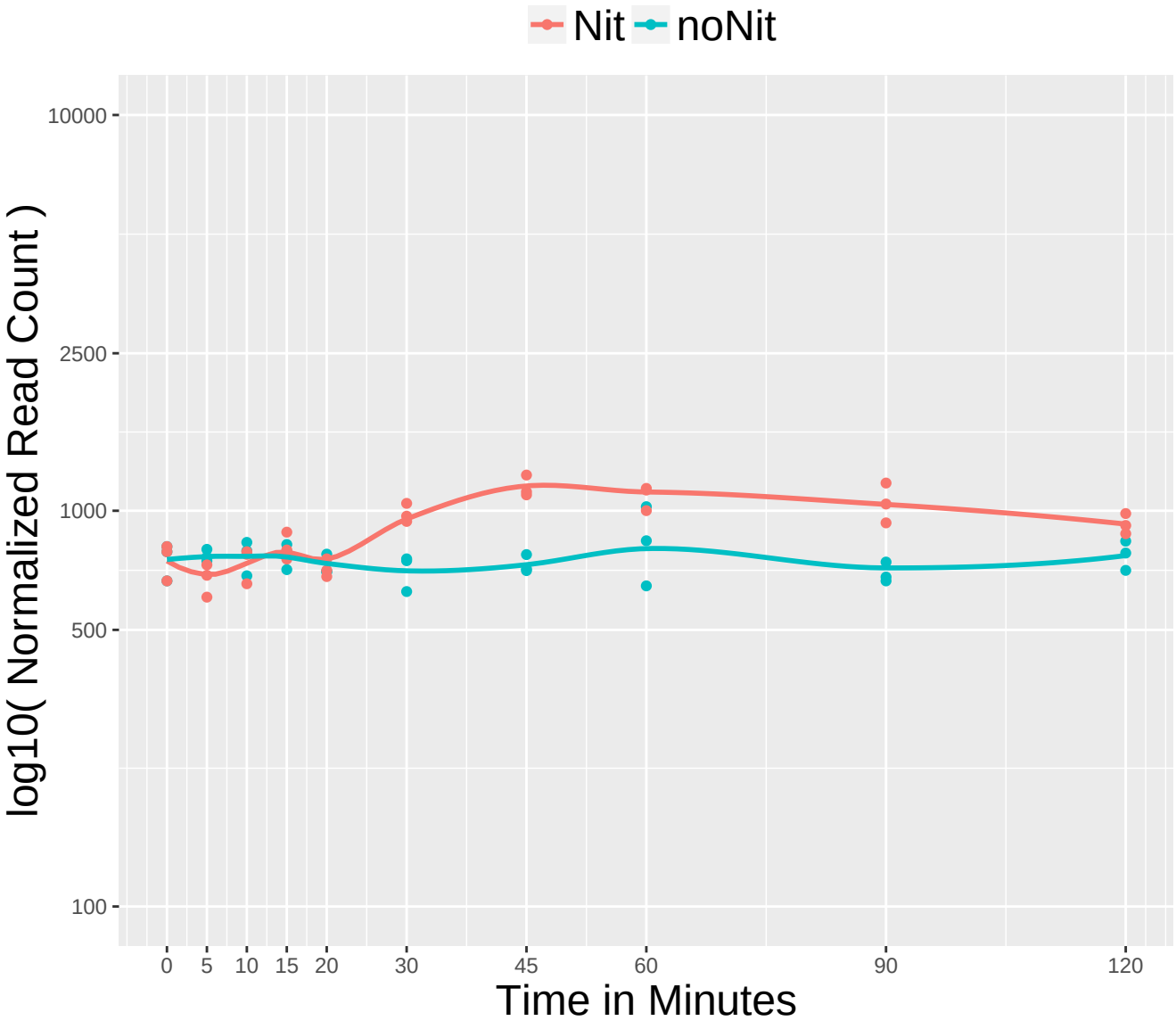

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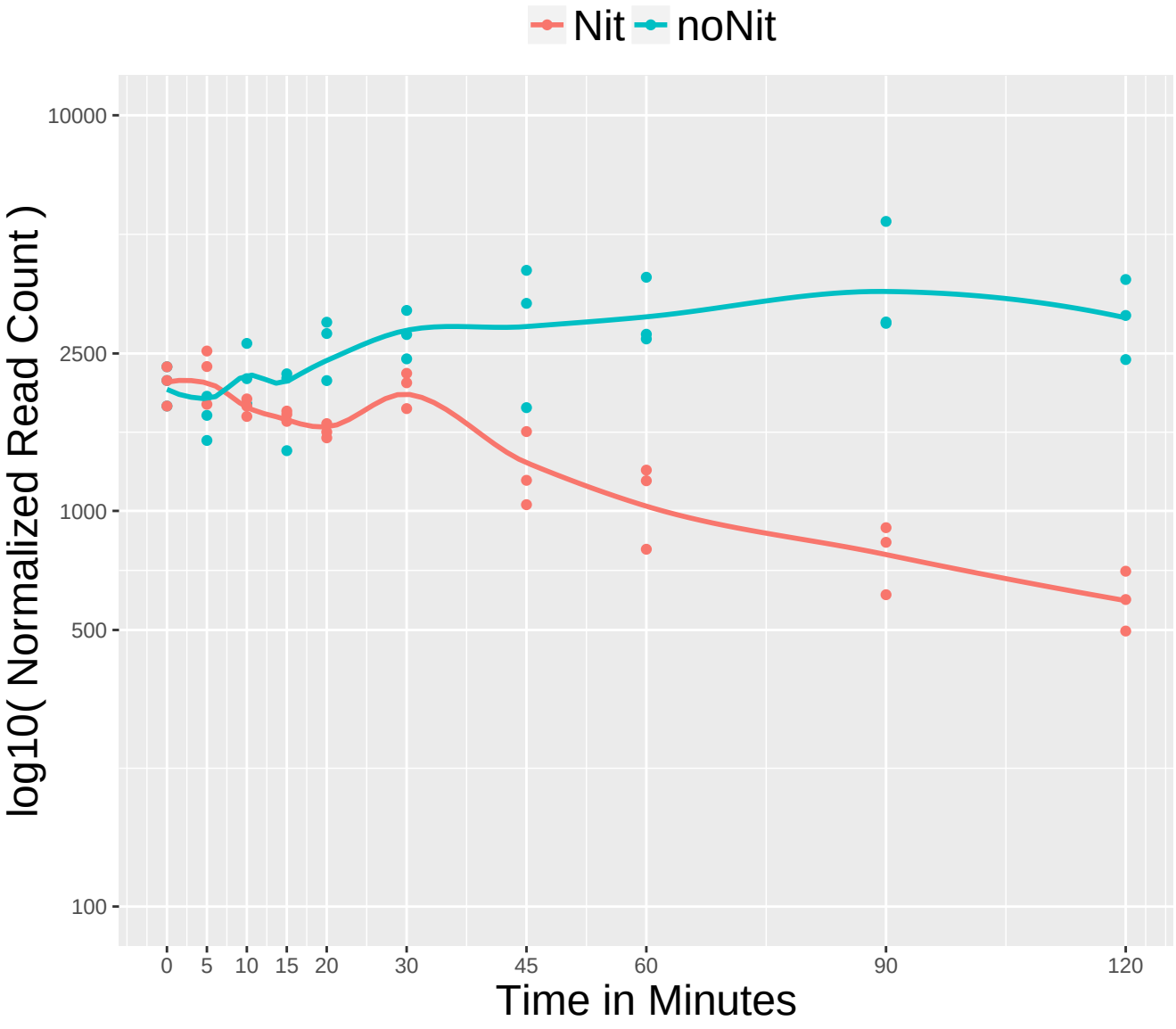

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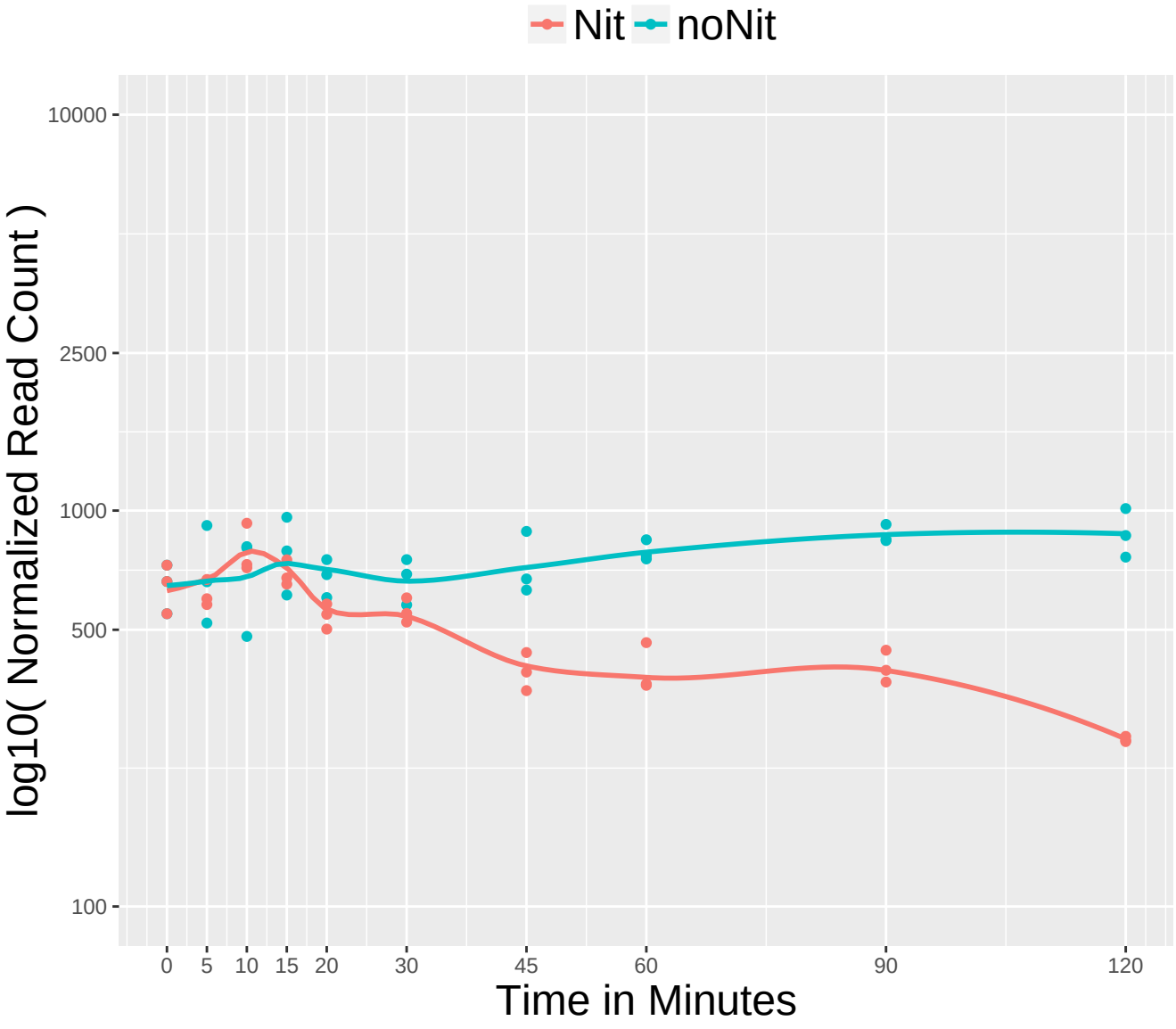

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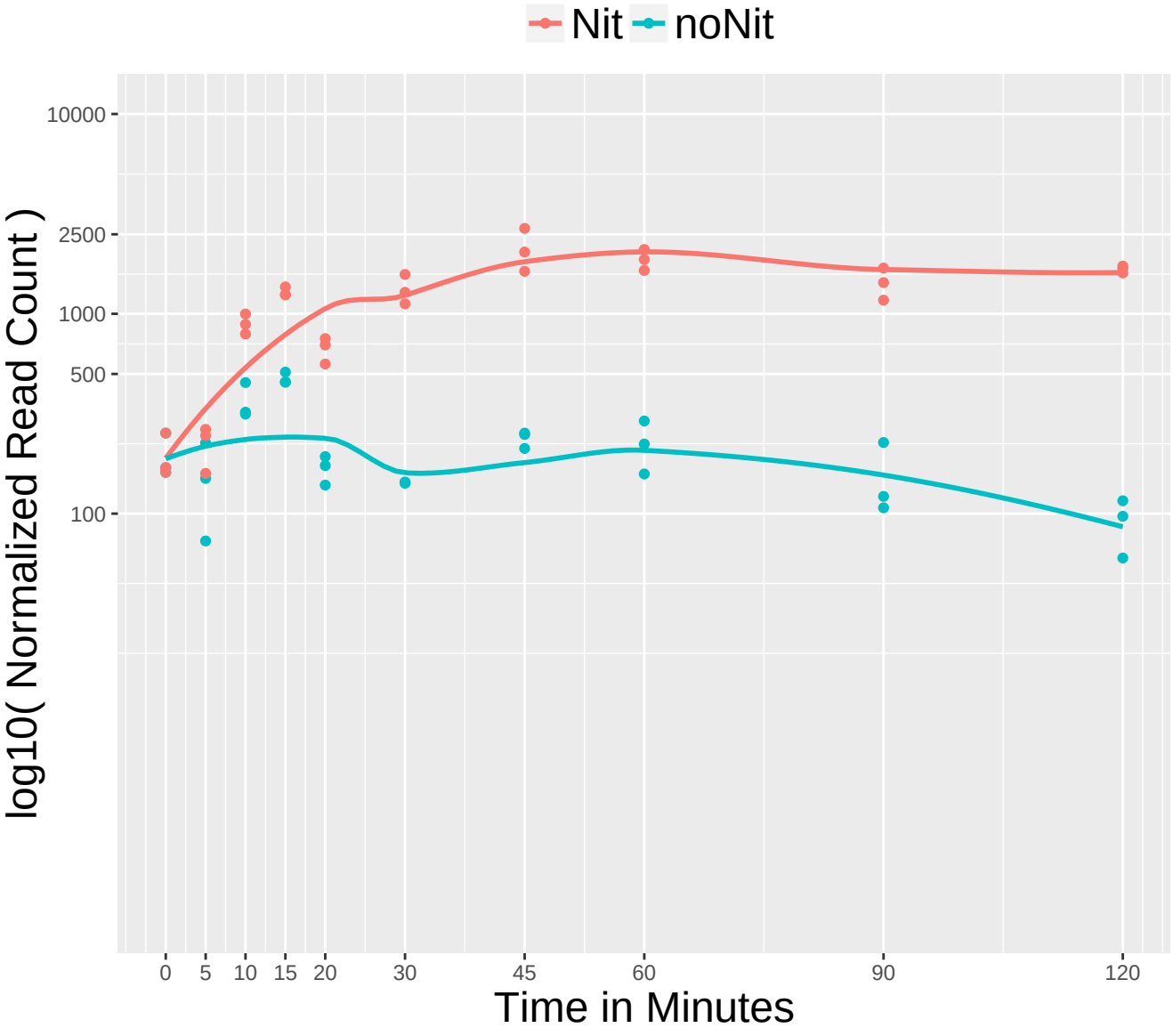
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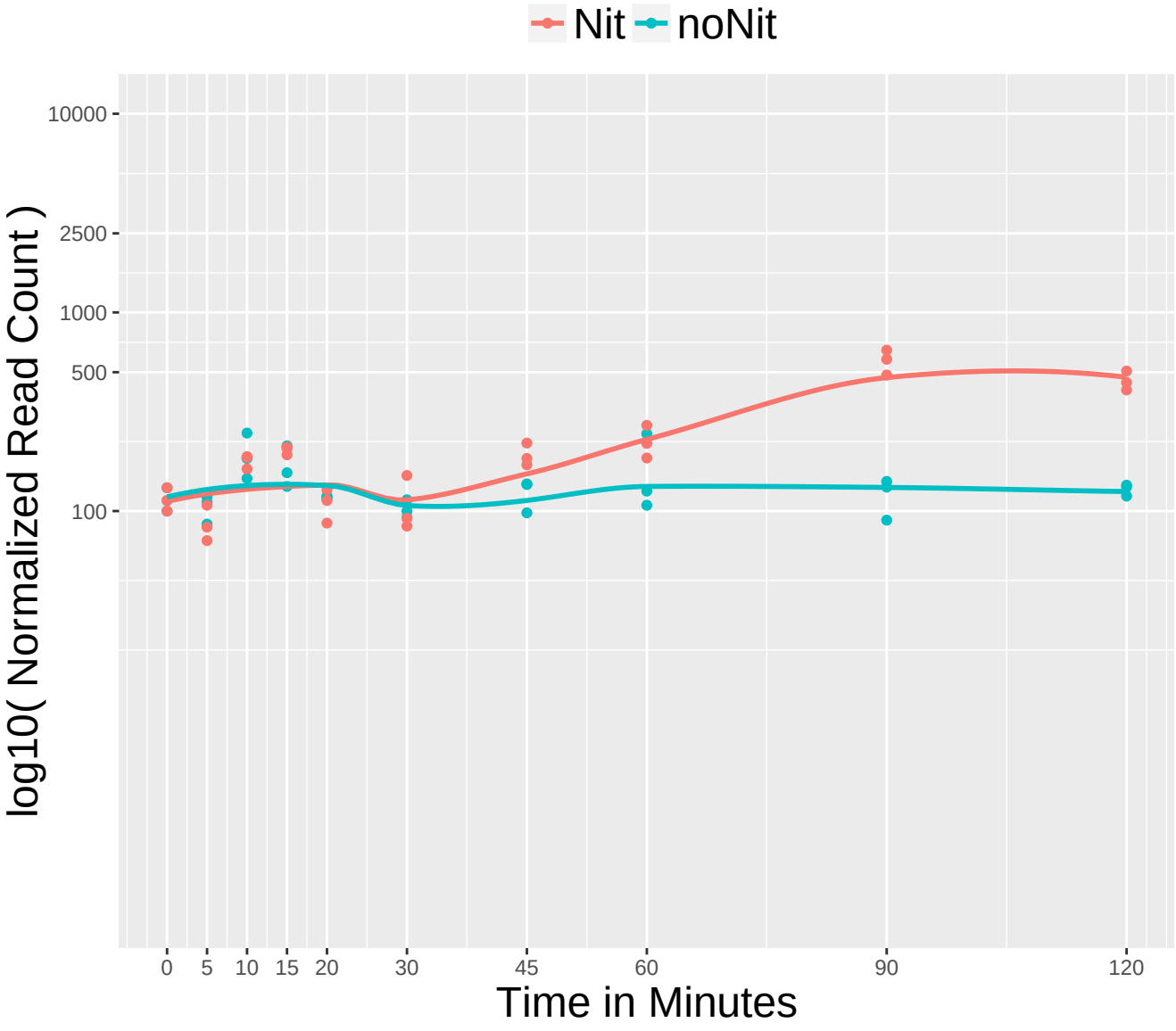
PHYLLO,PHYLLO



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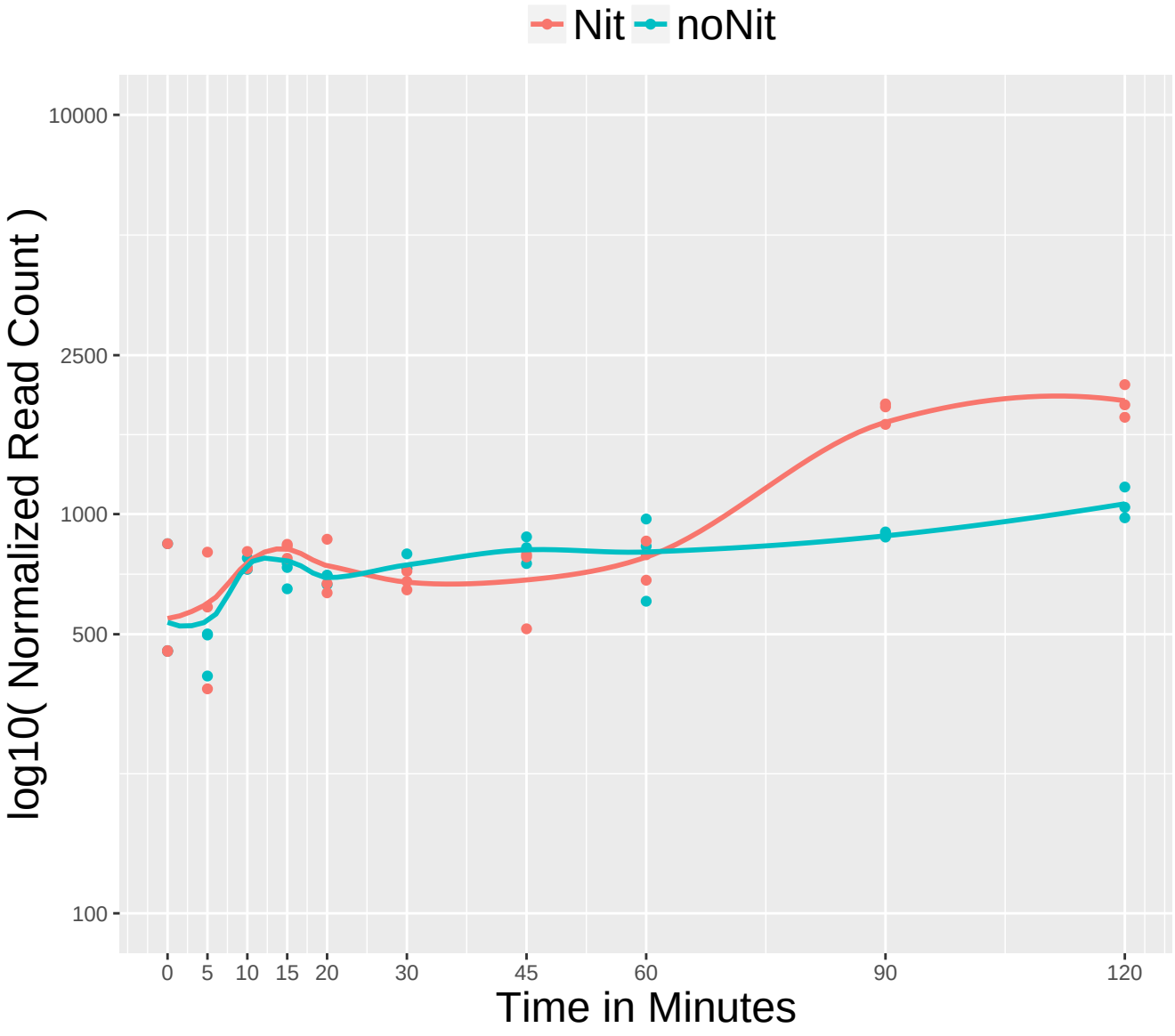

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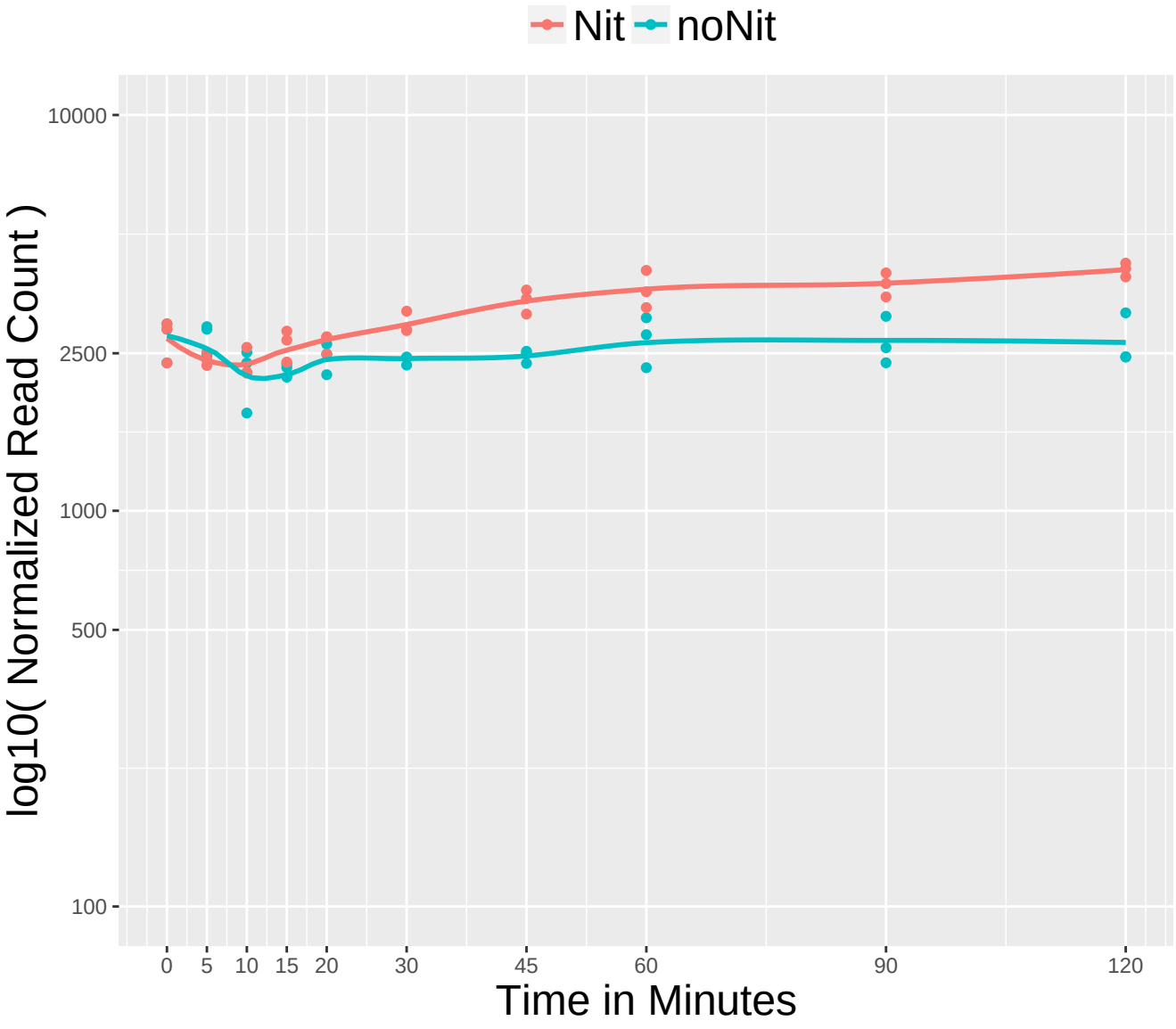
emb2742,embryo



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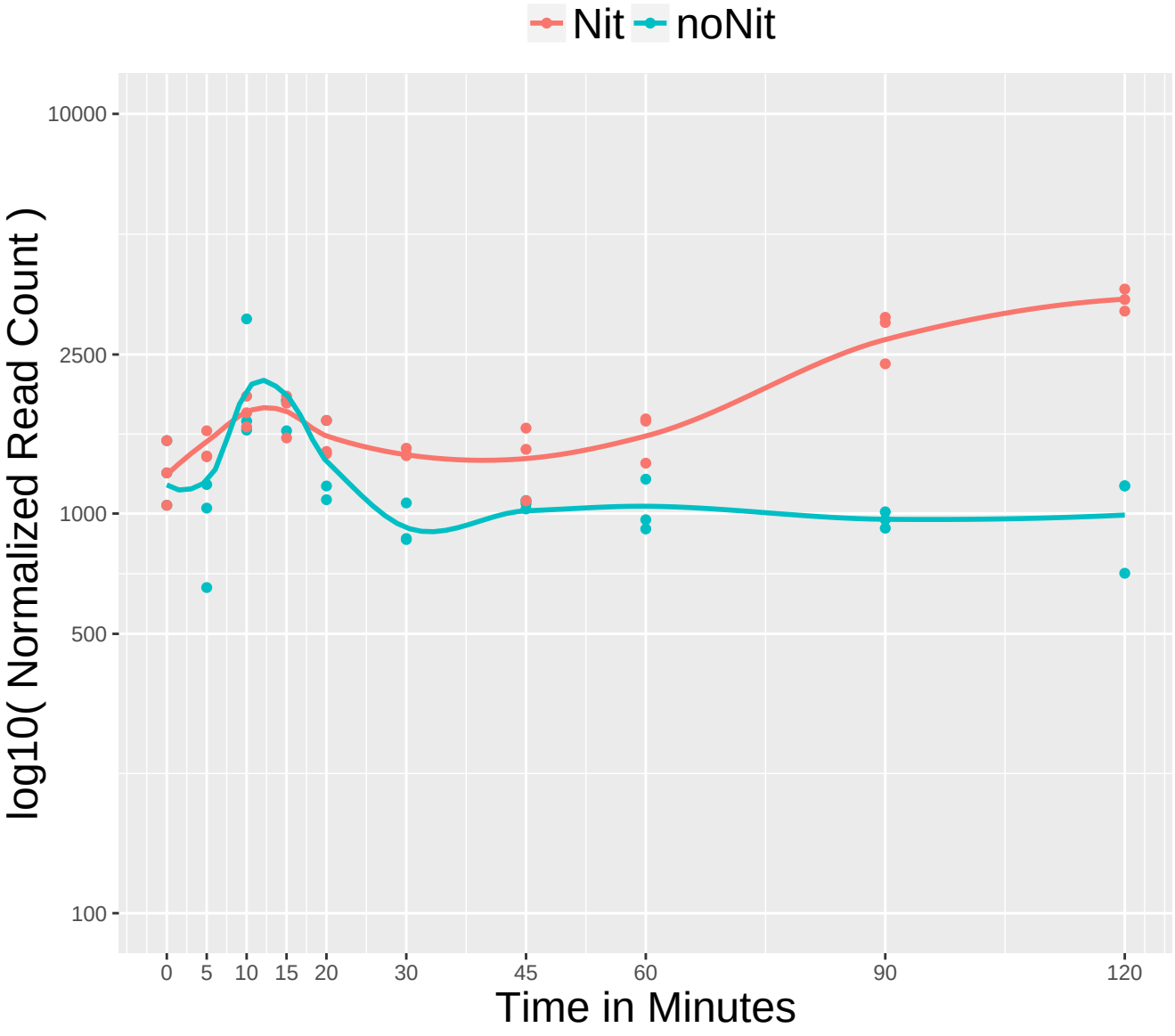

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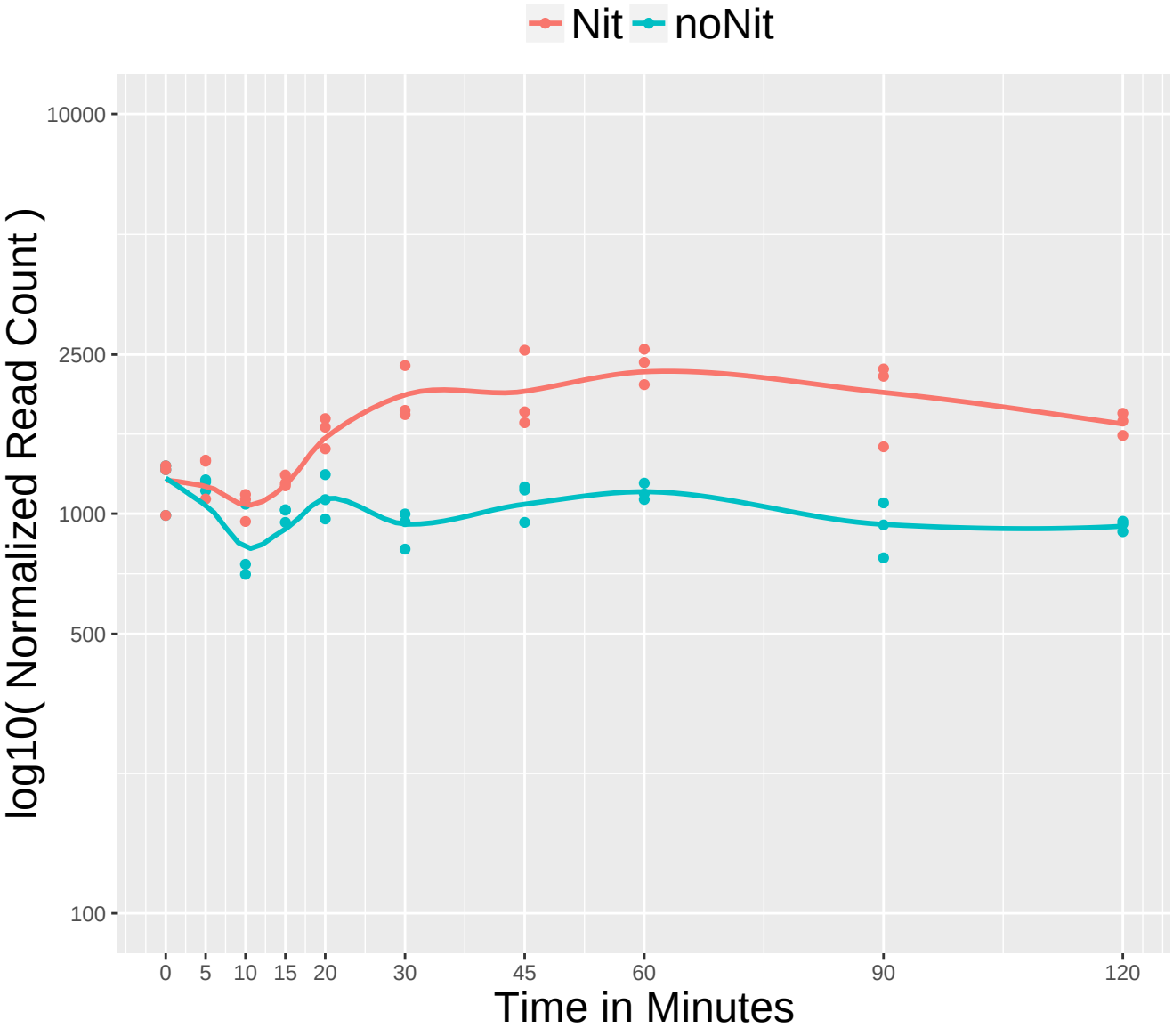
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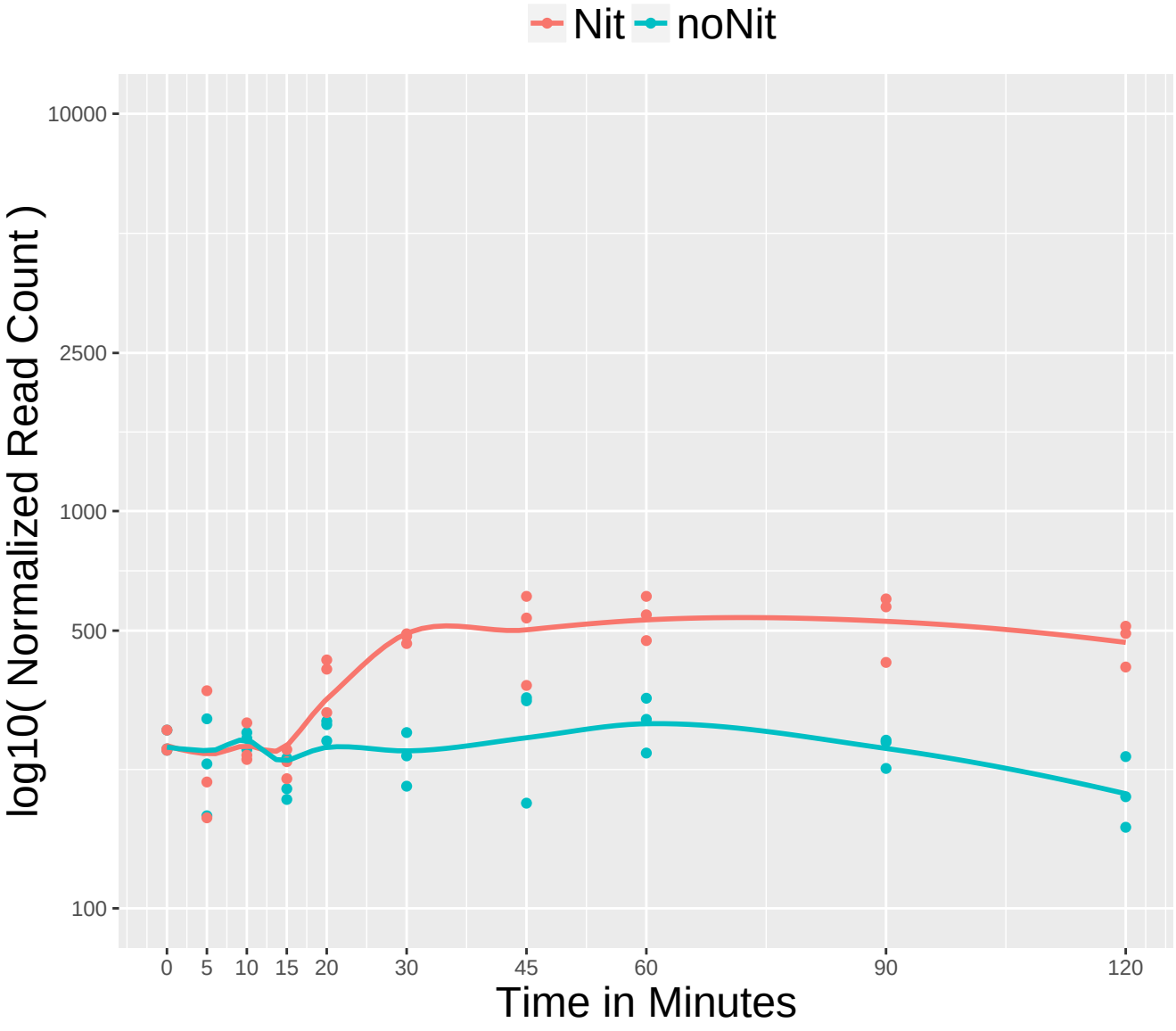
AT3G44290

anac060,NAC



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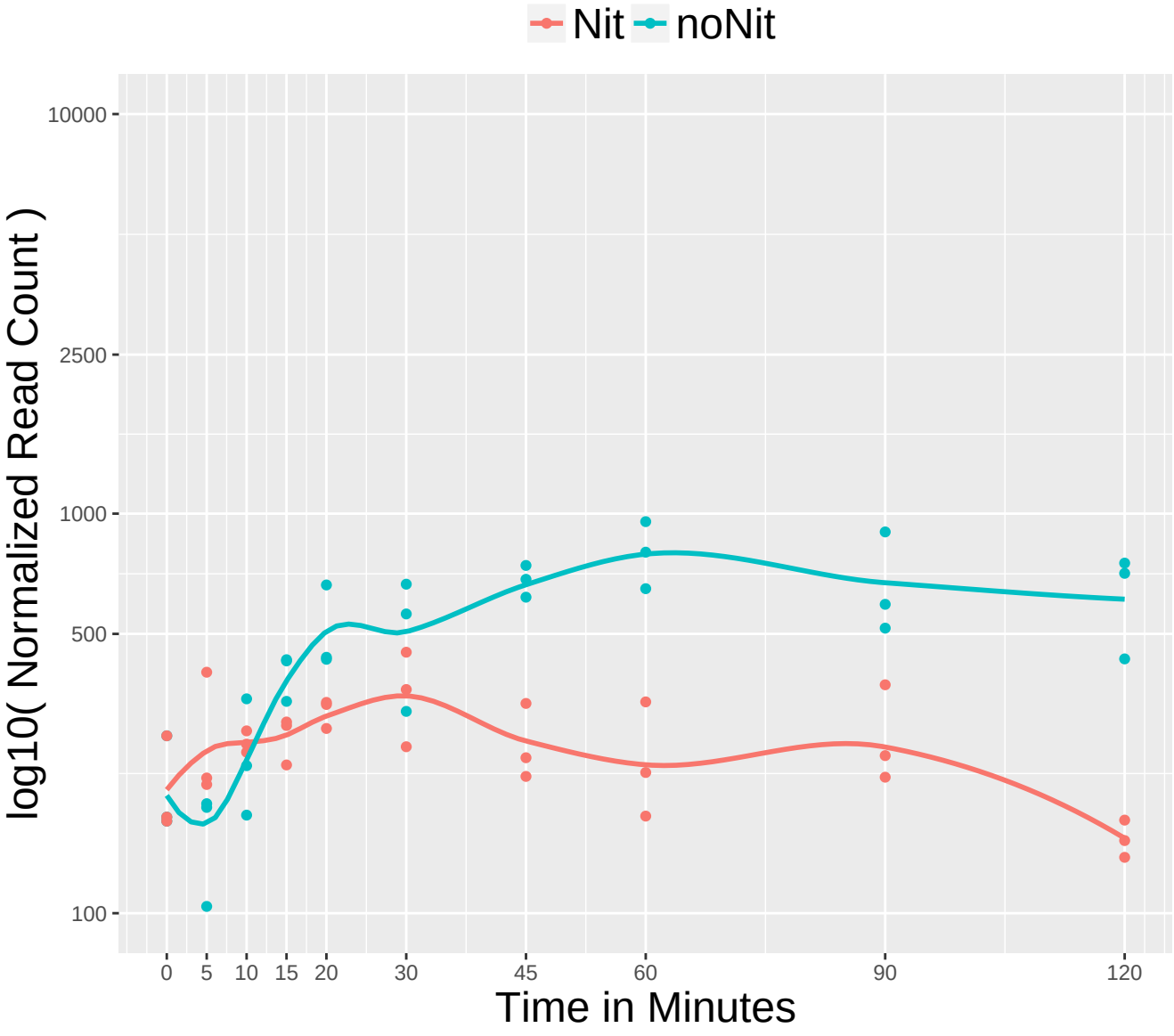
Concanavalin



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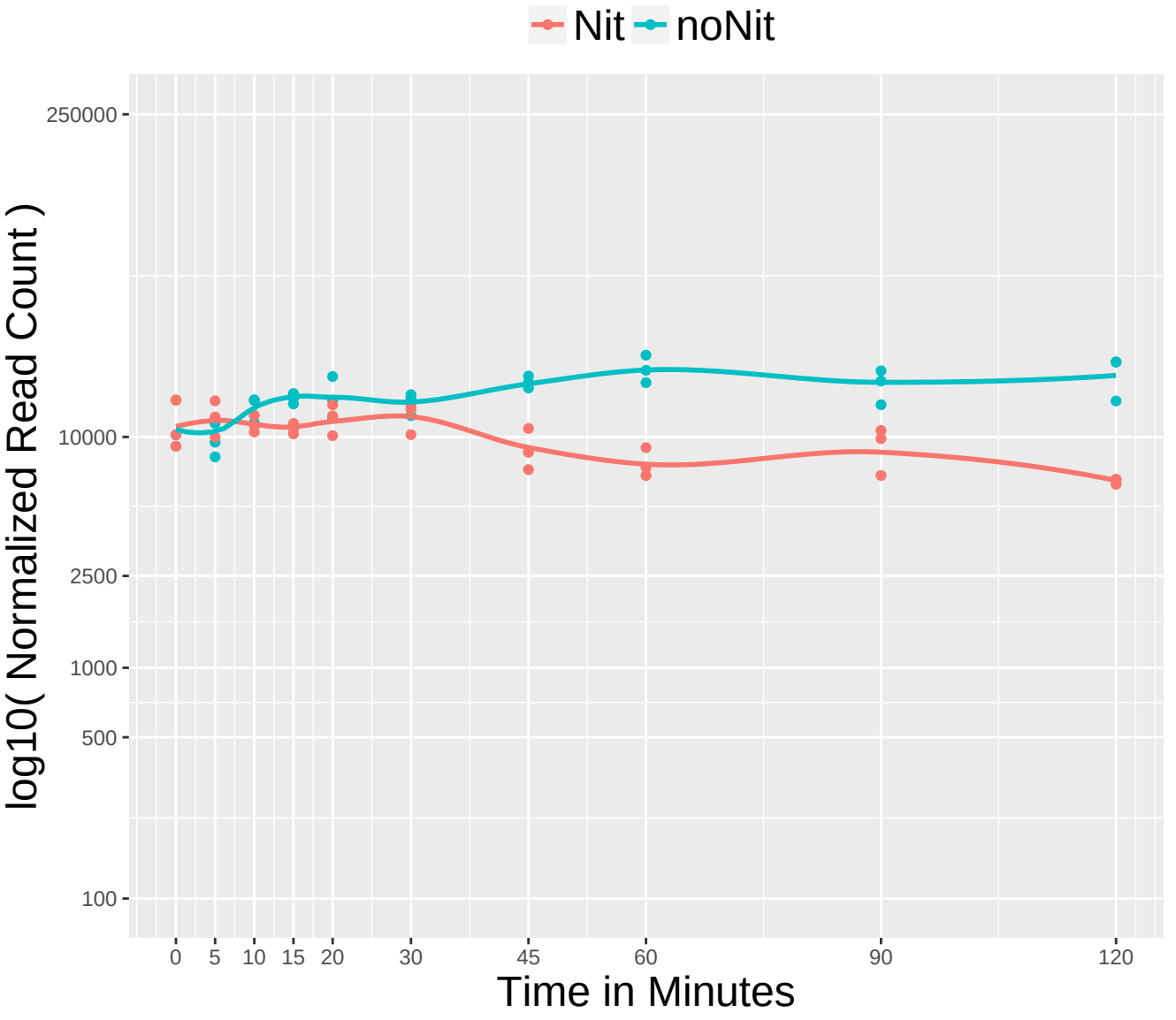
ABCA2,ATP−binding



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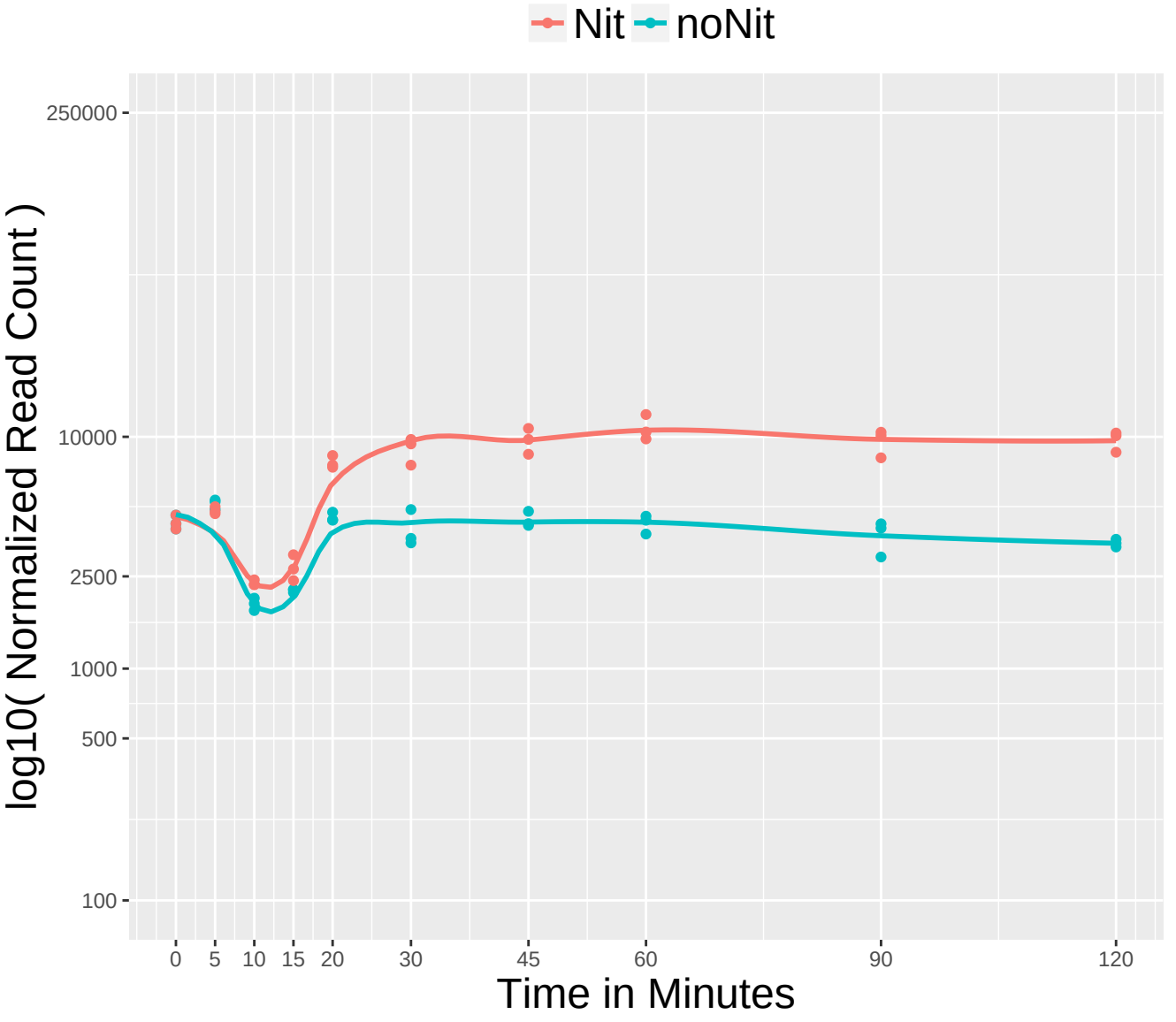

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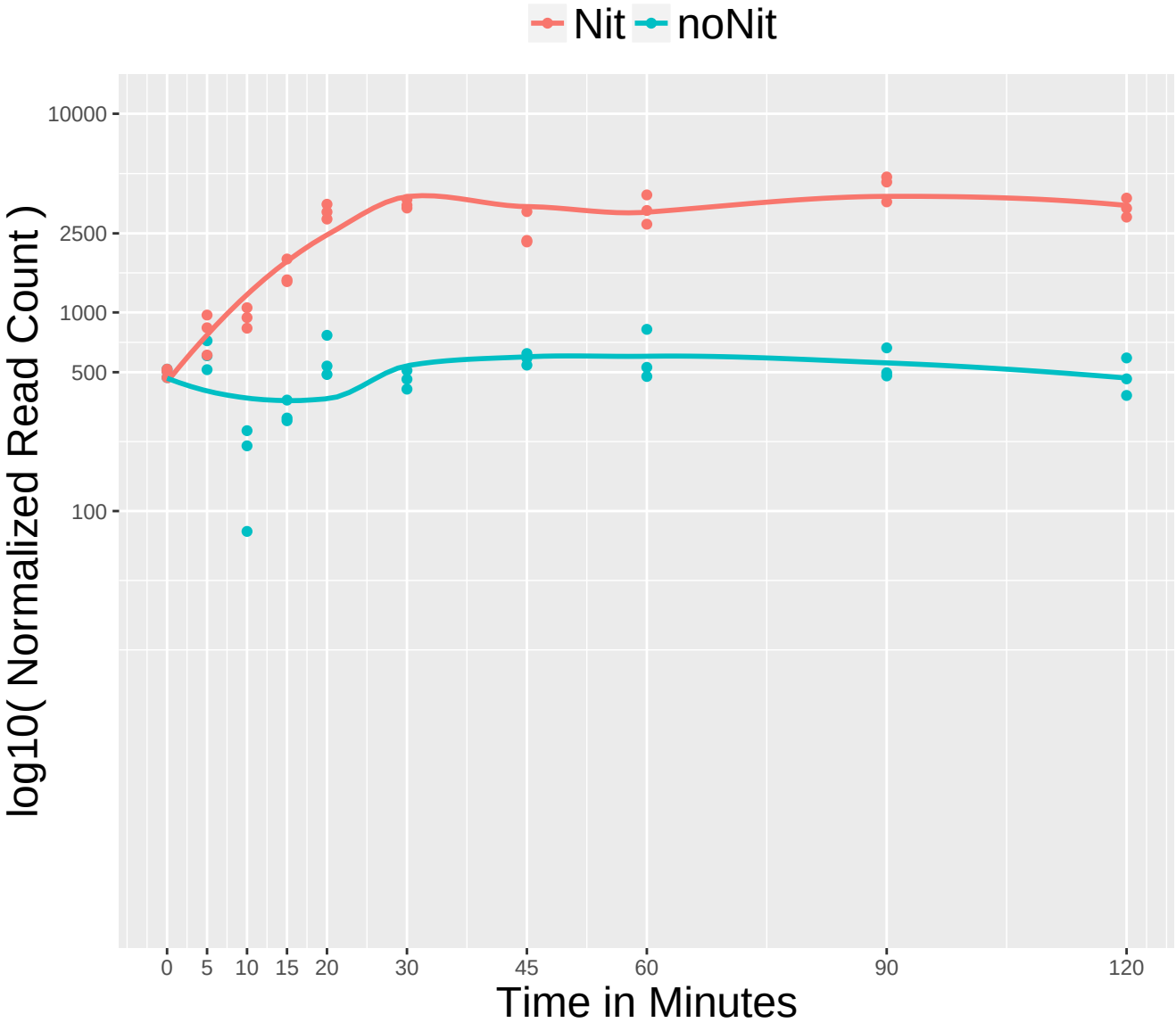
BT5,BTB



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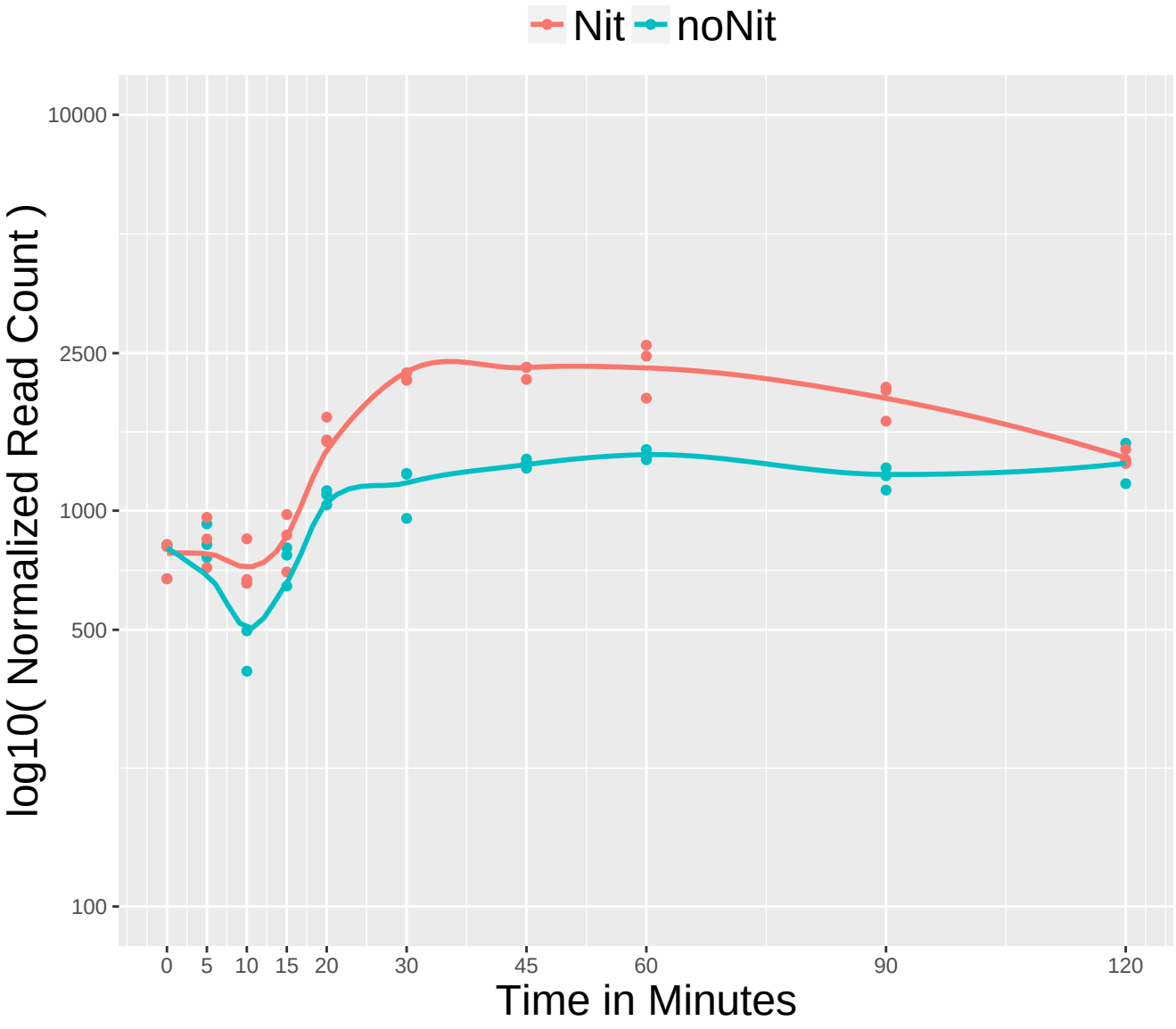

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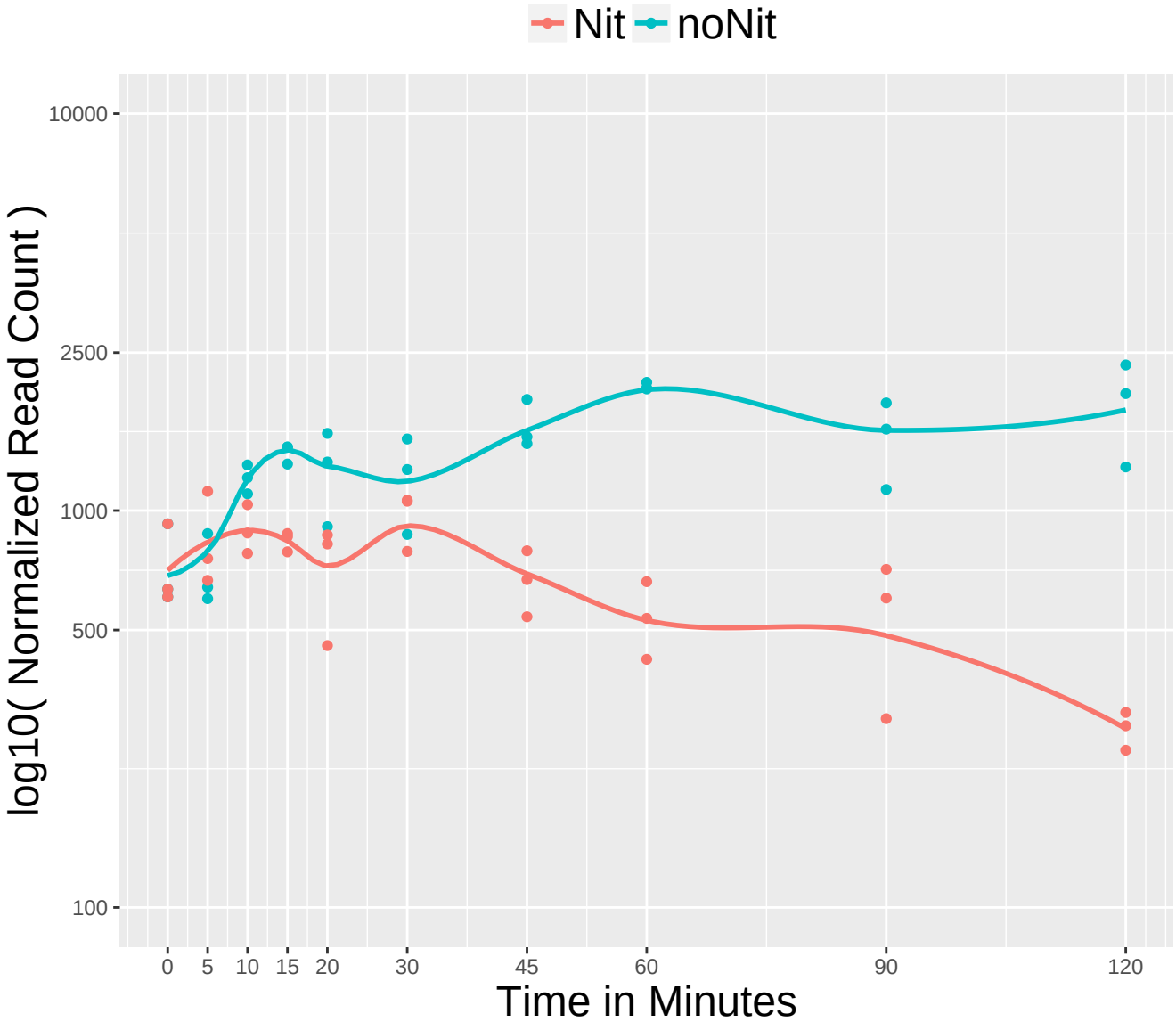

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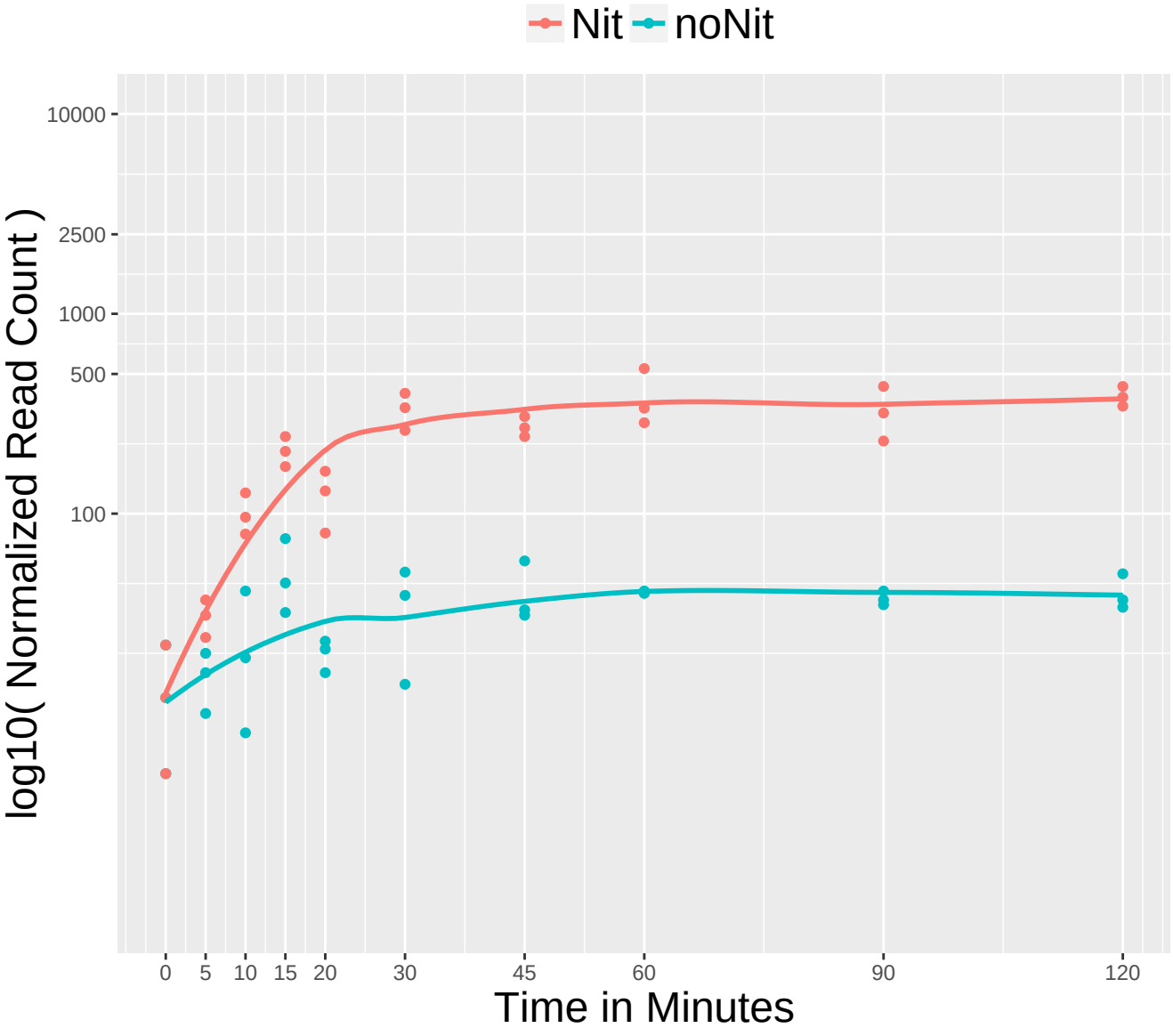
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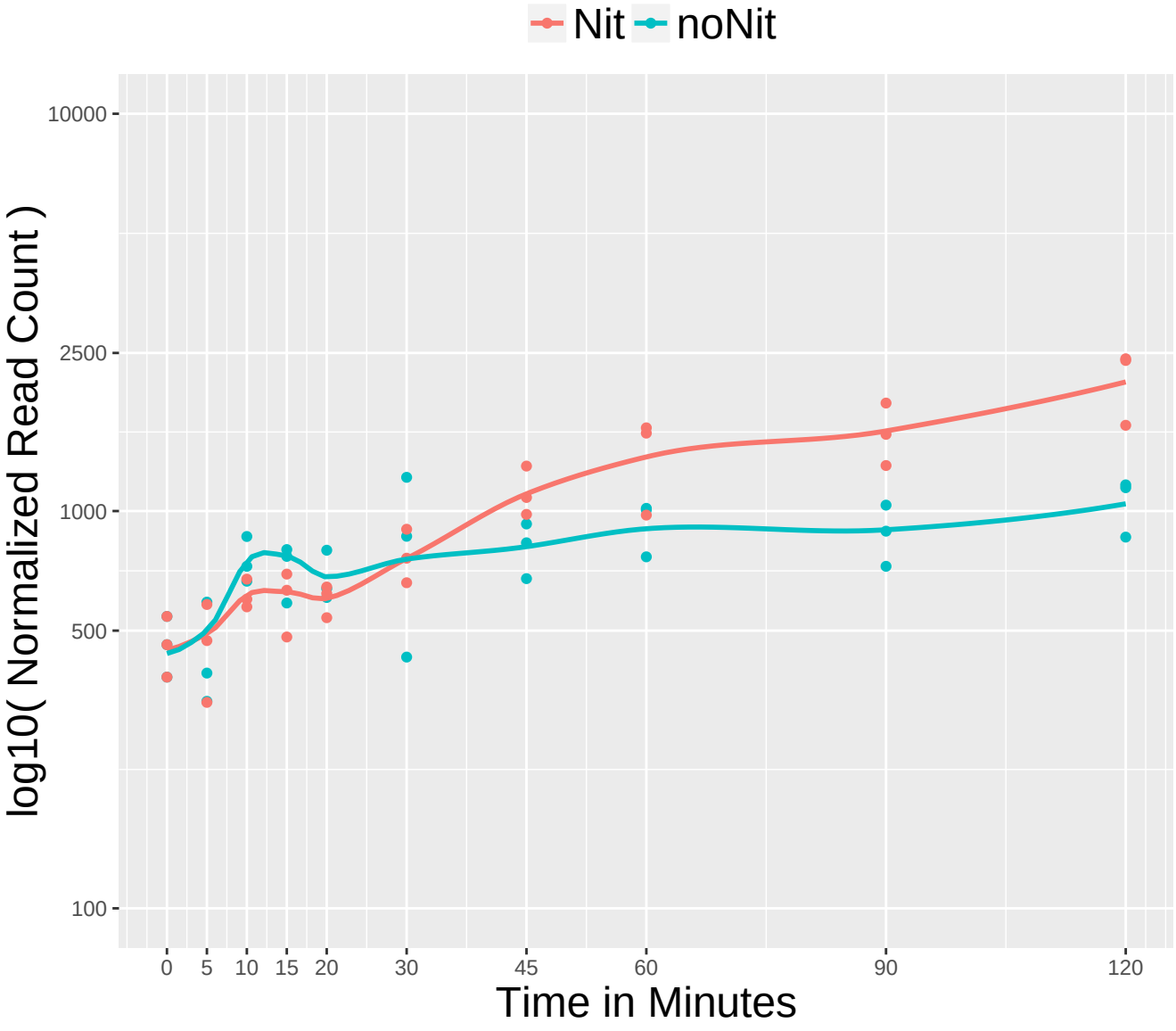
AtMYB28,,HAG1,HIGH



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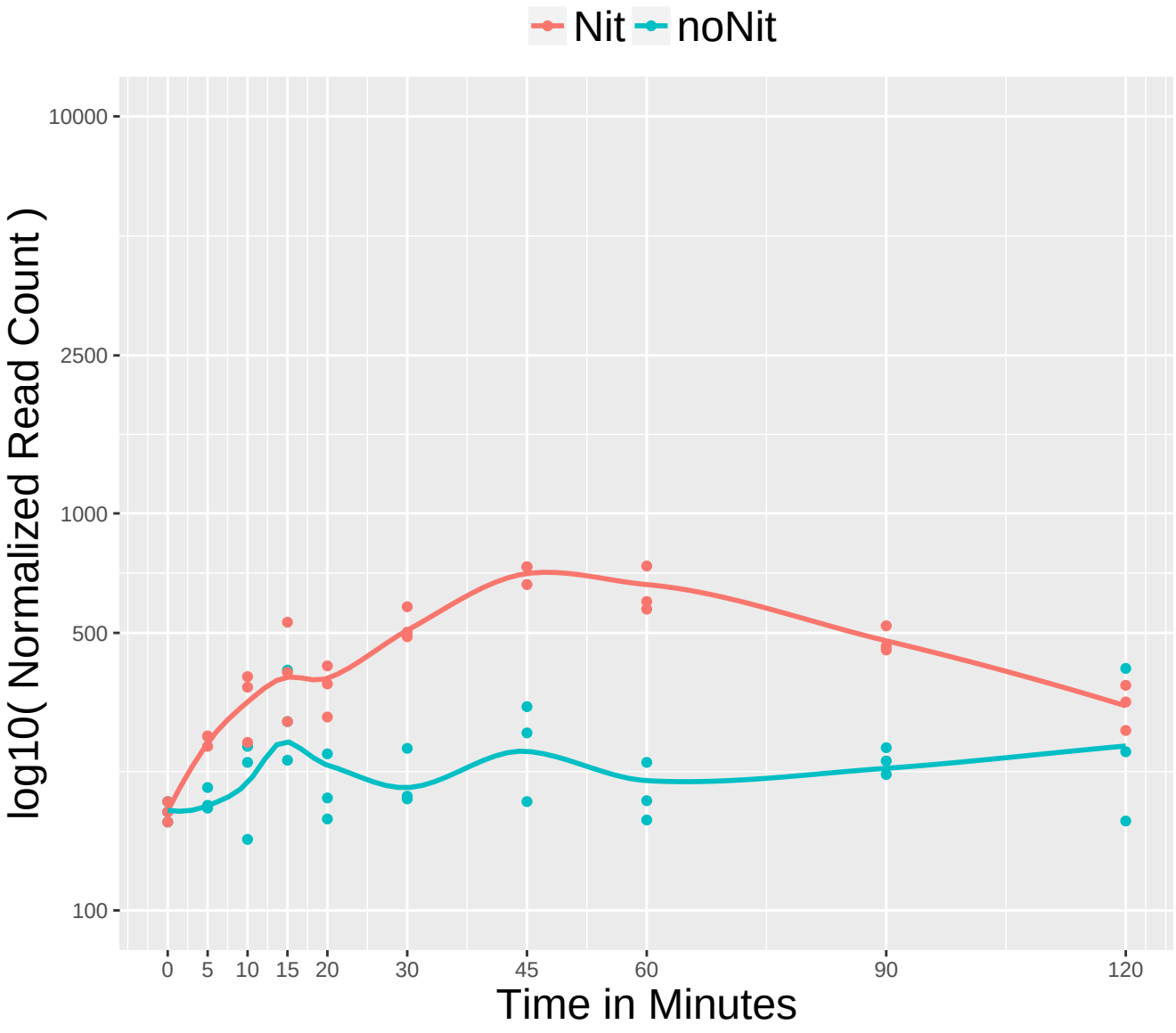

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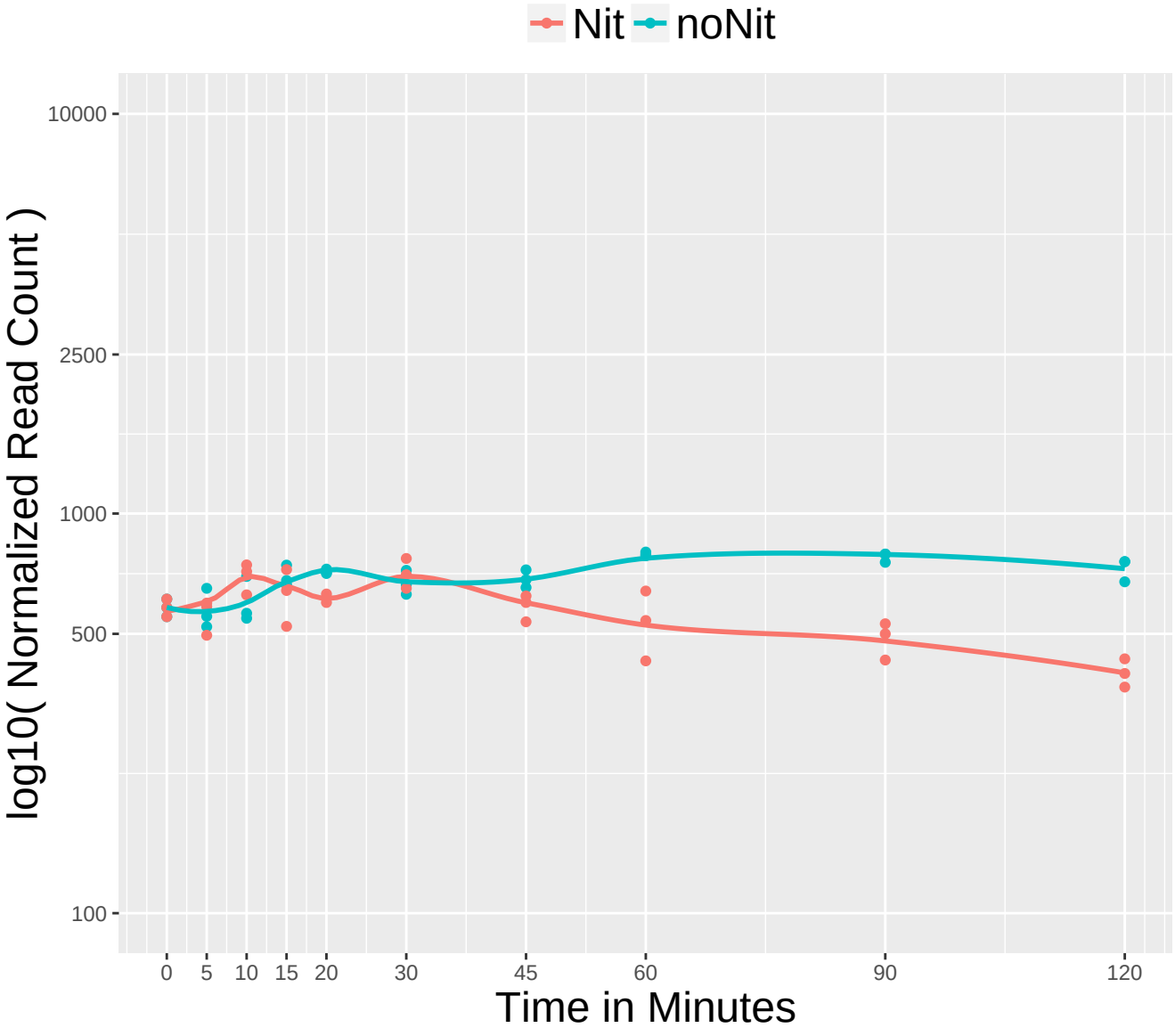
Aluminium



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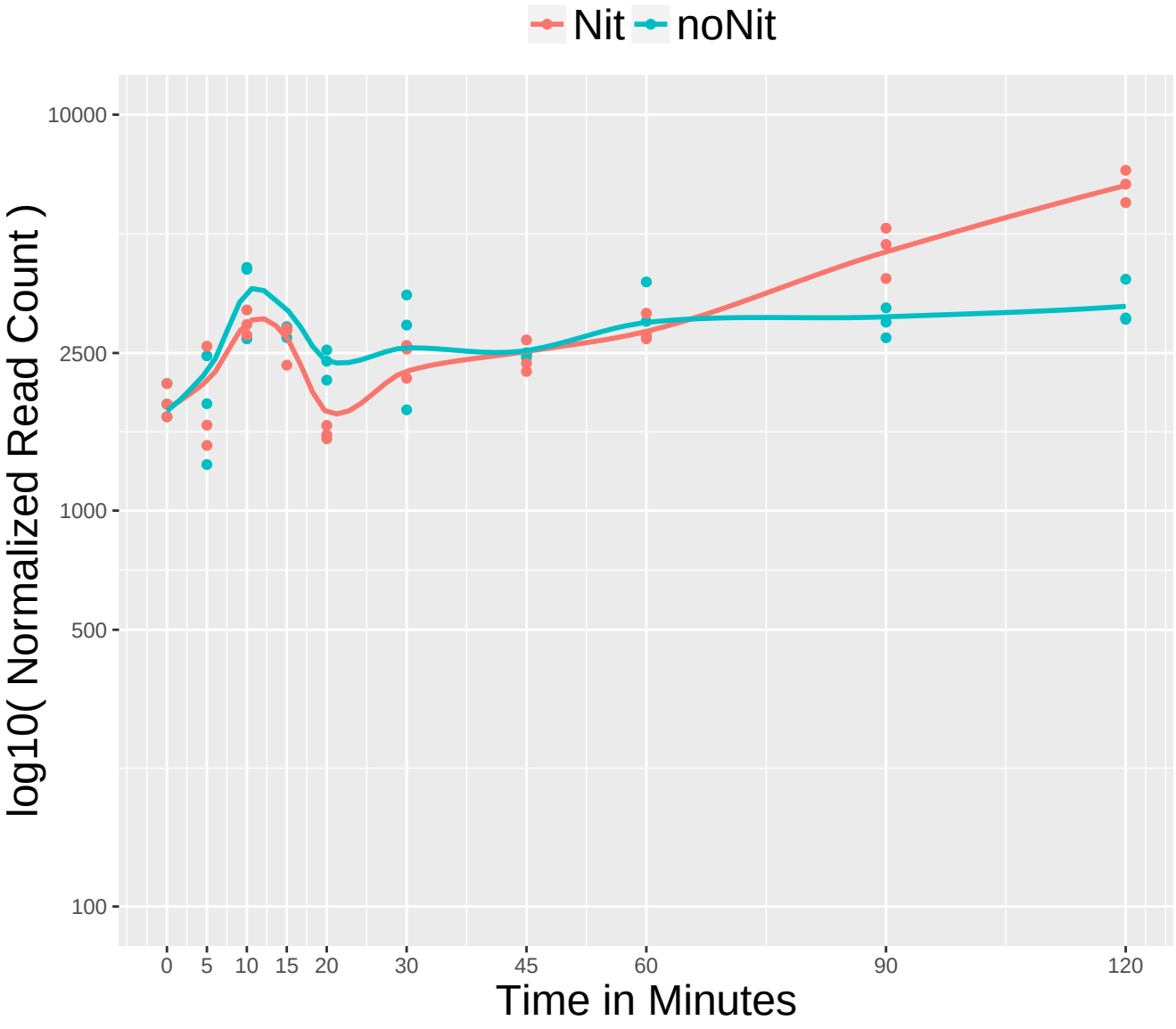

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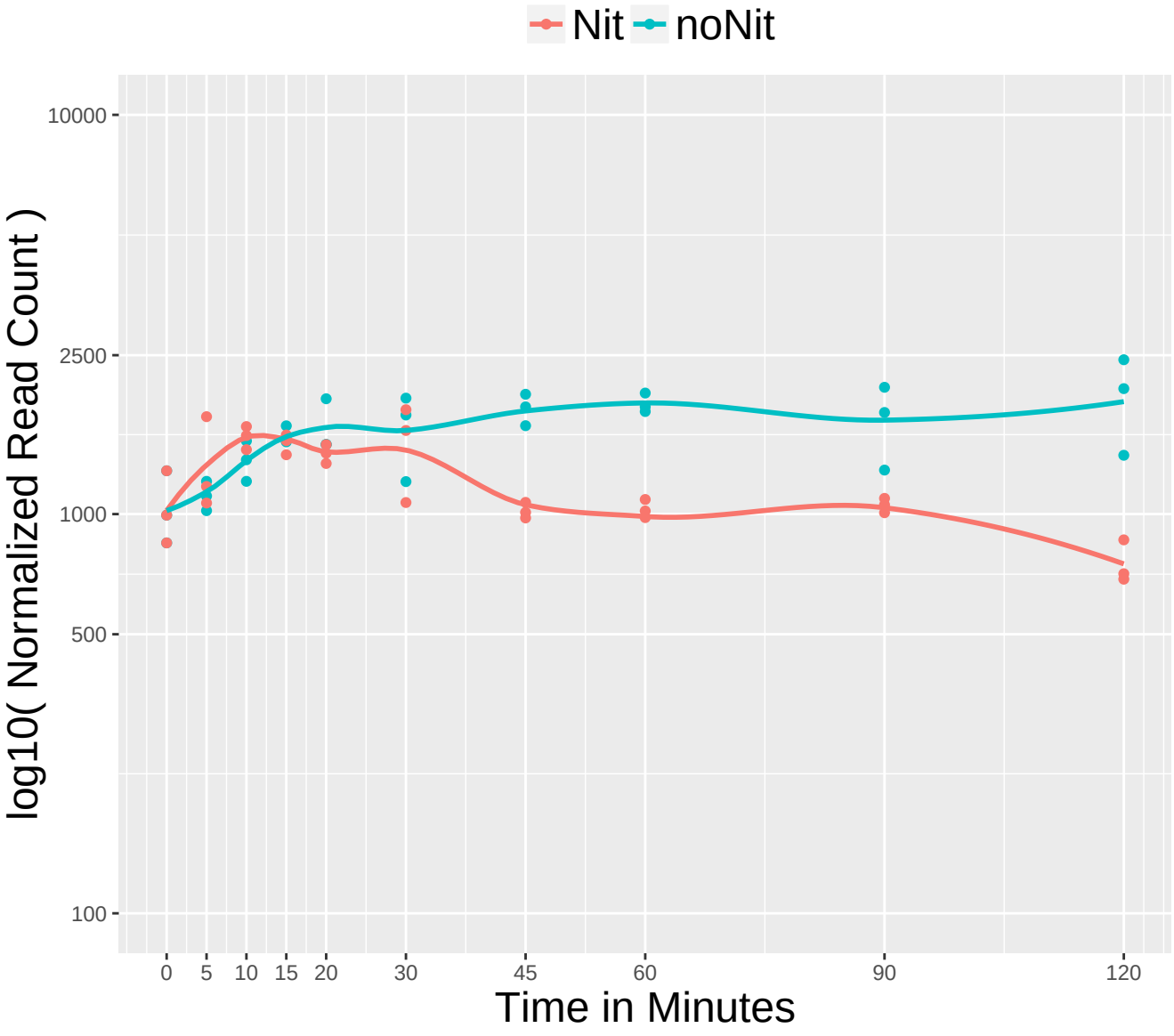

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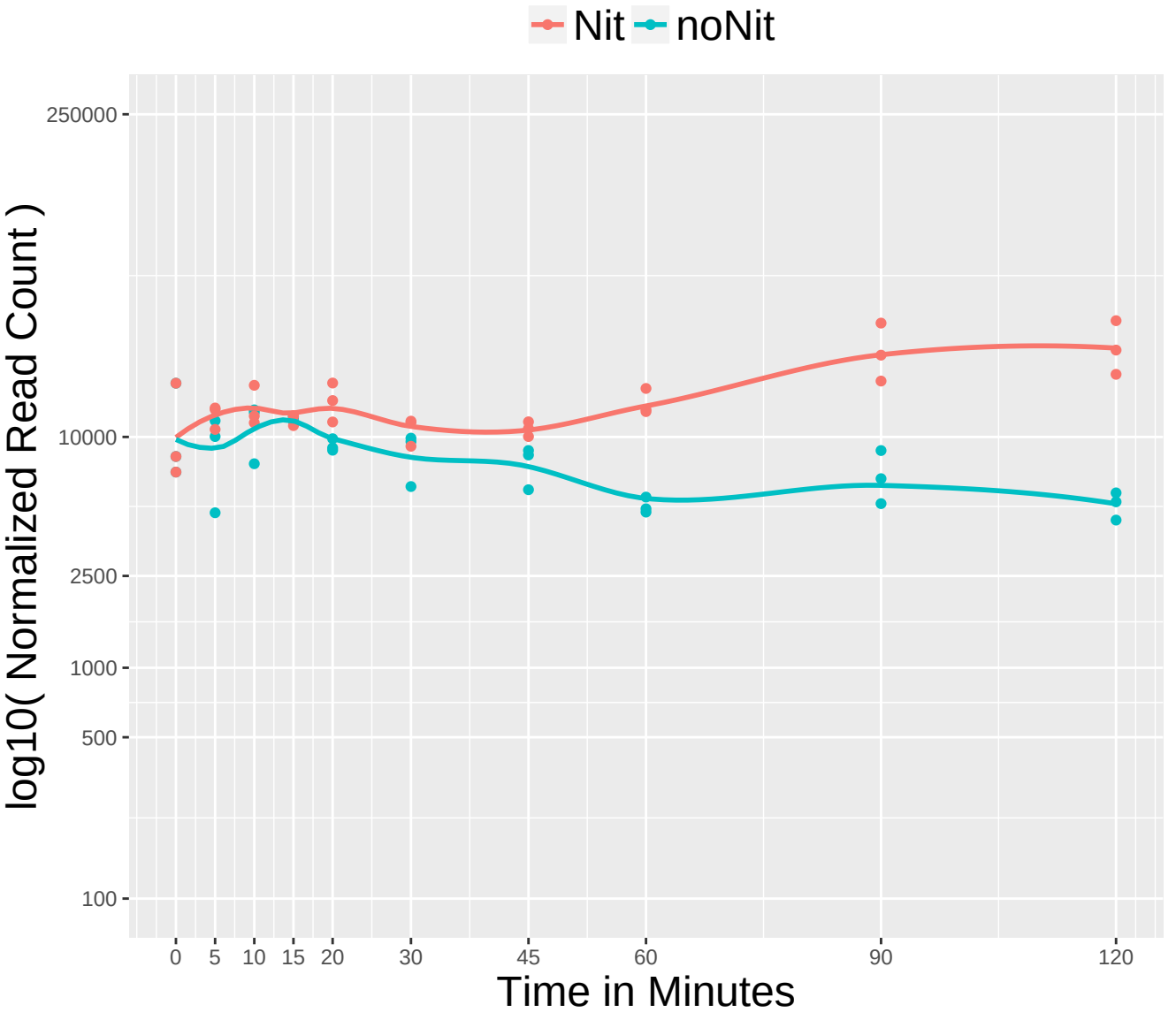
AHB1,hemoglobin



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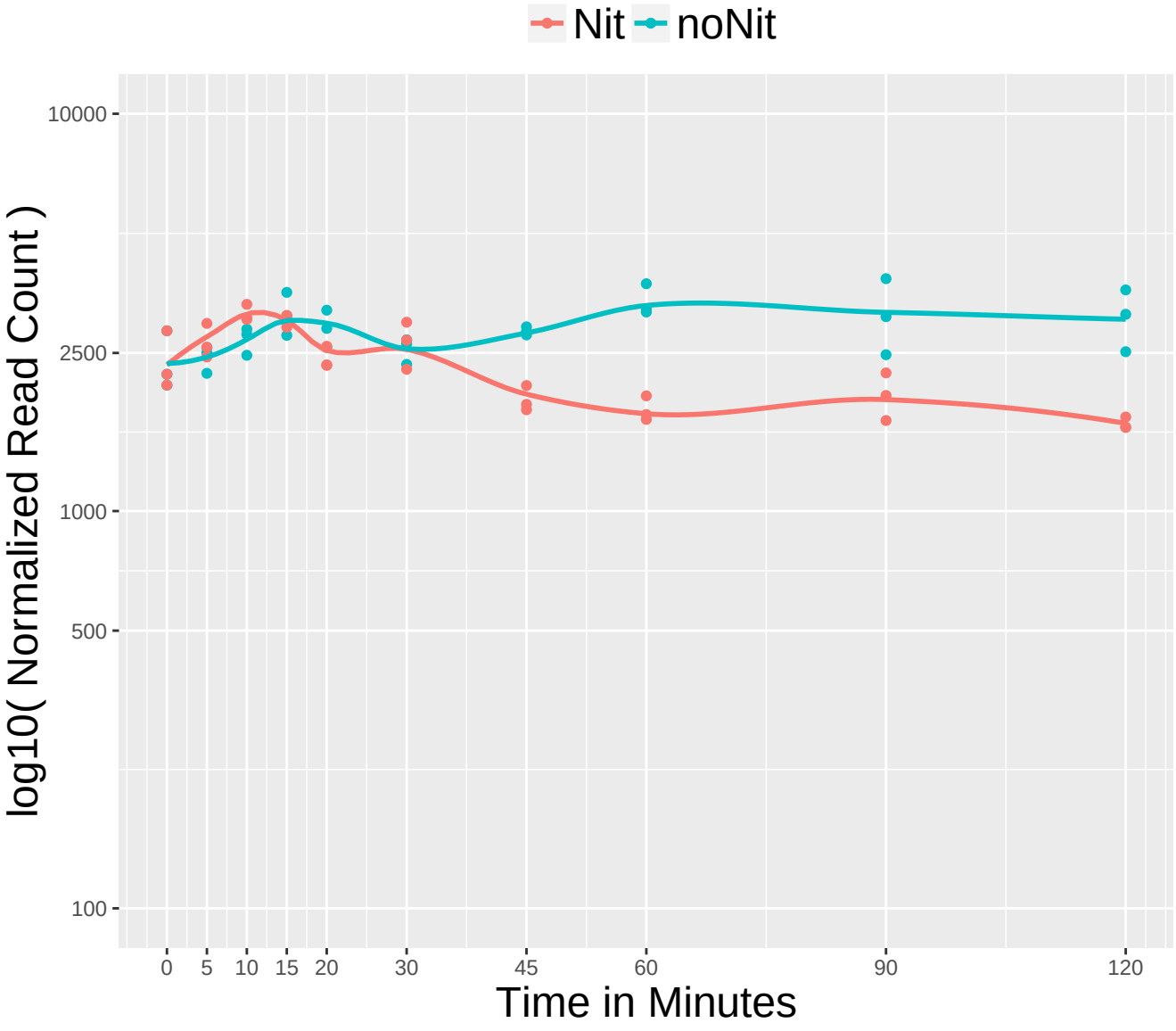
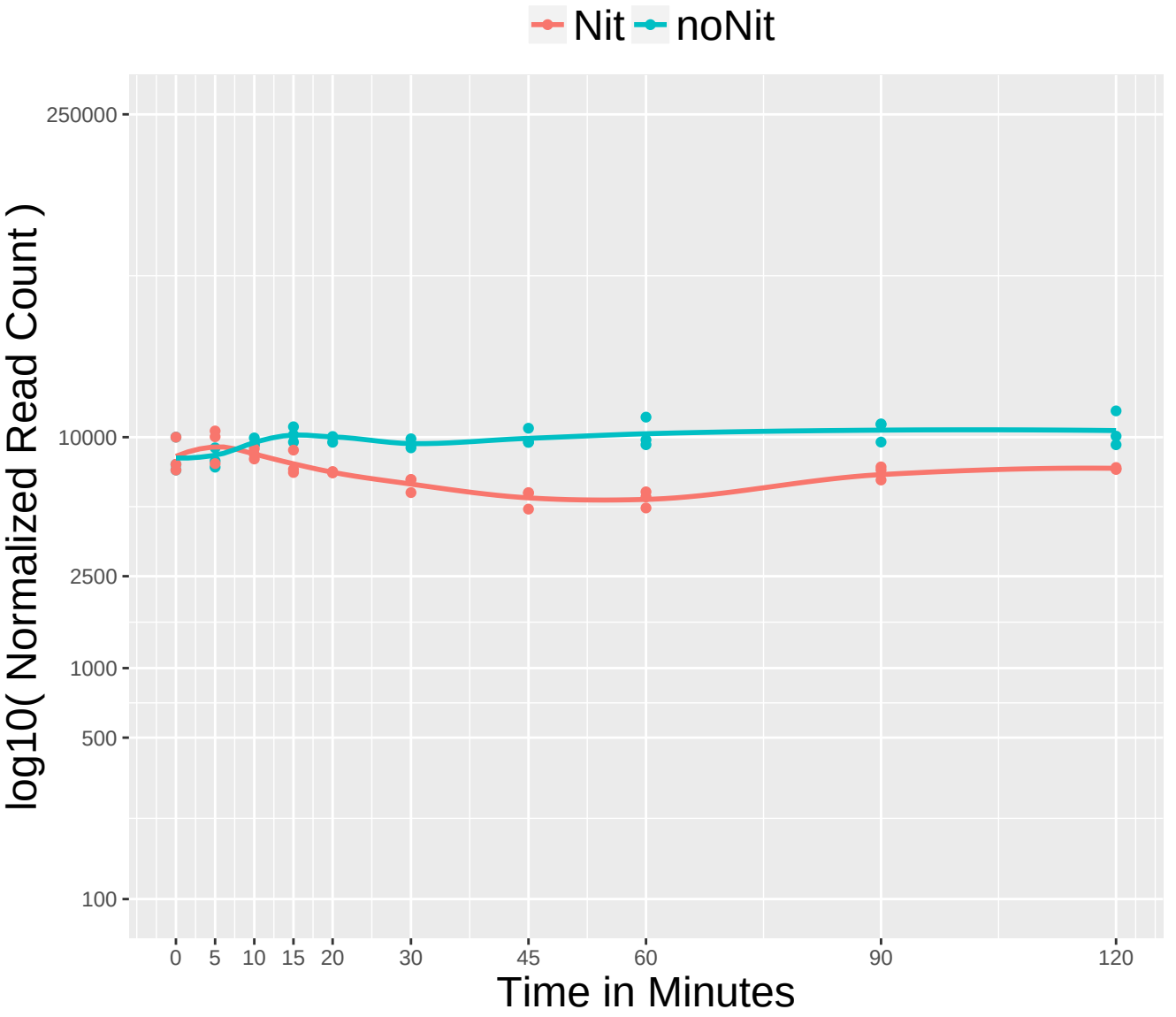
Kin3,kinase



AT2G41410

Calcium−binding



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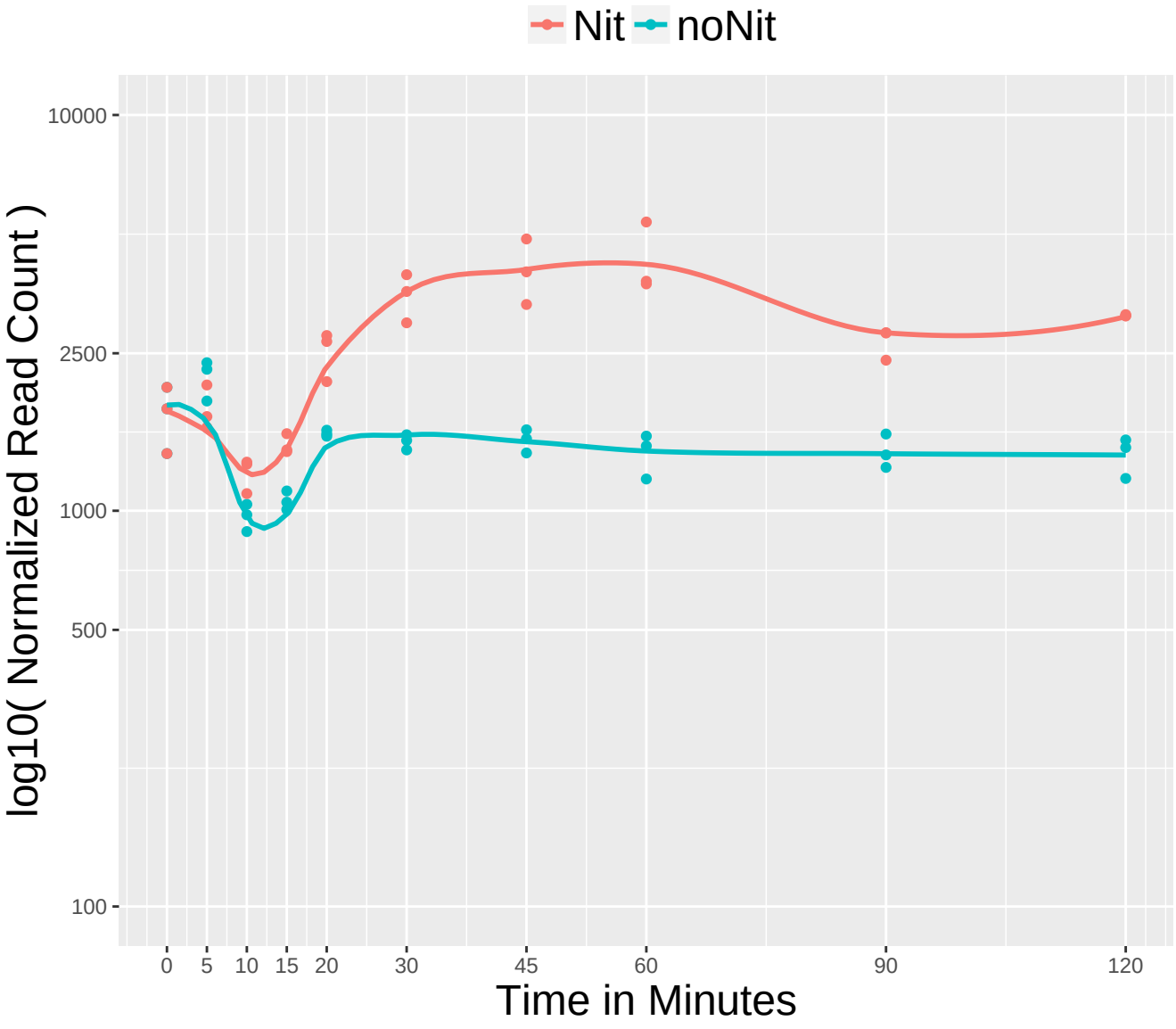

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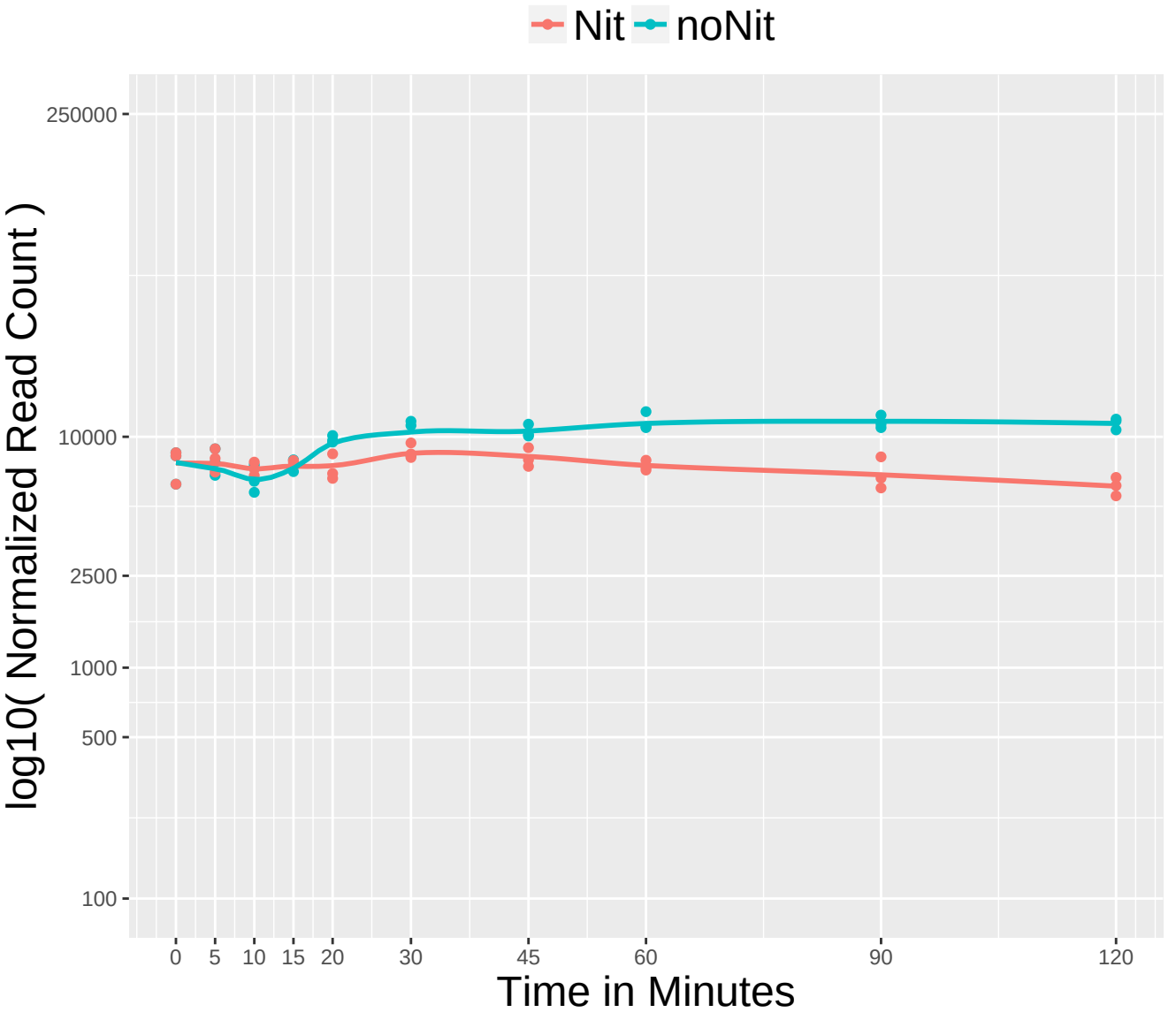

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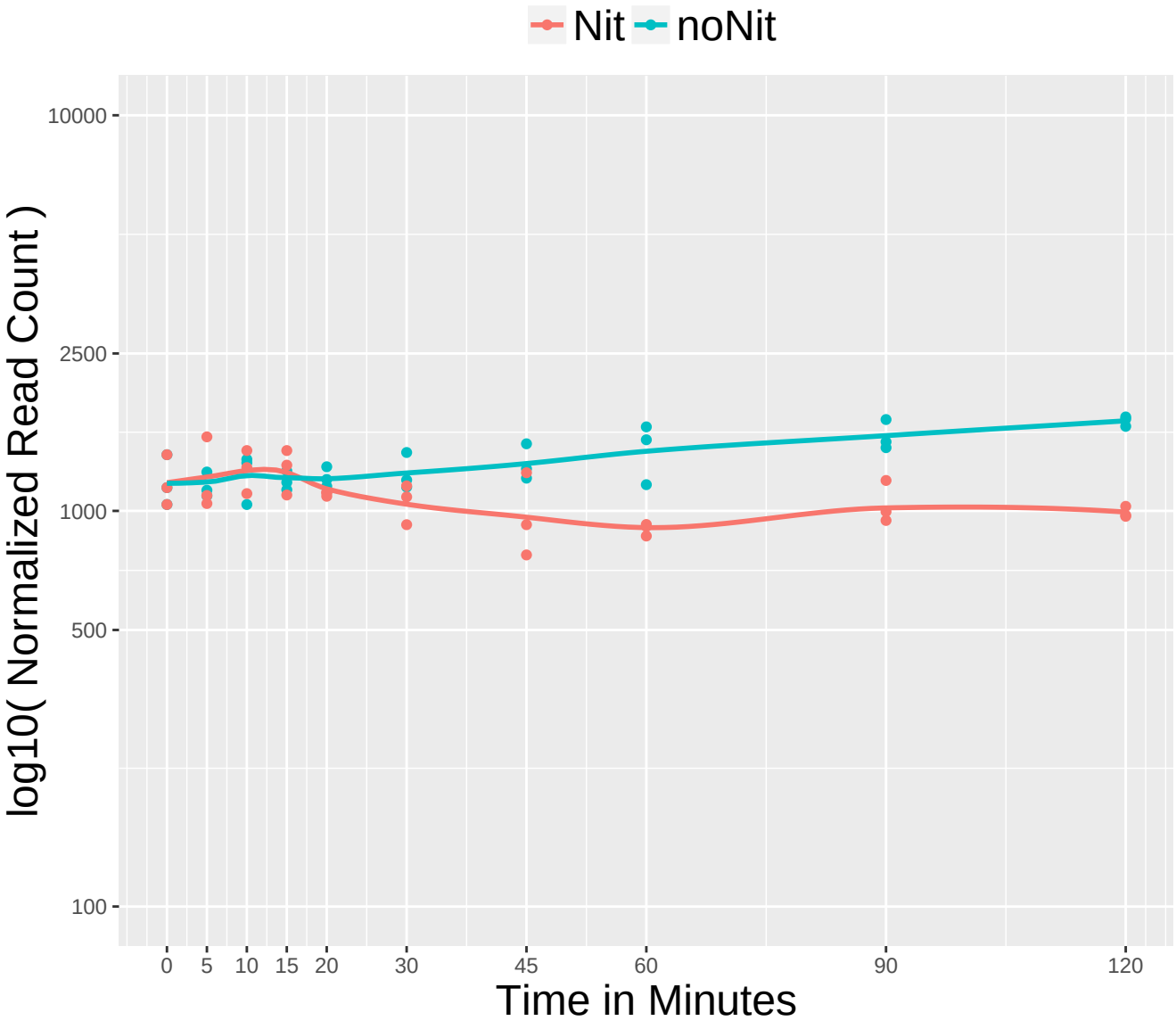
Phosphoglycerate



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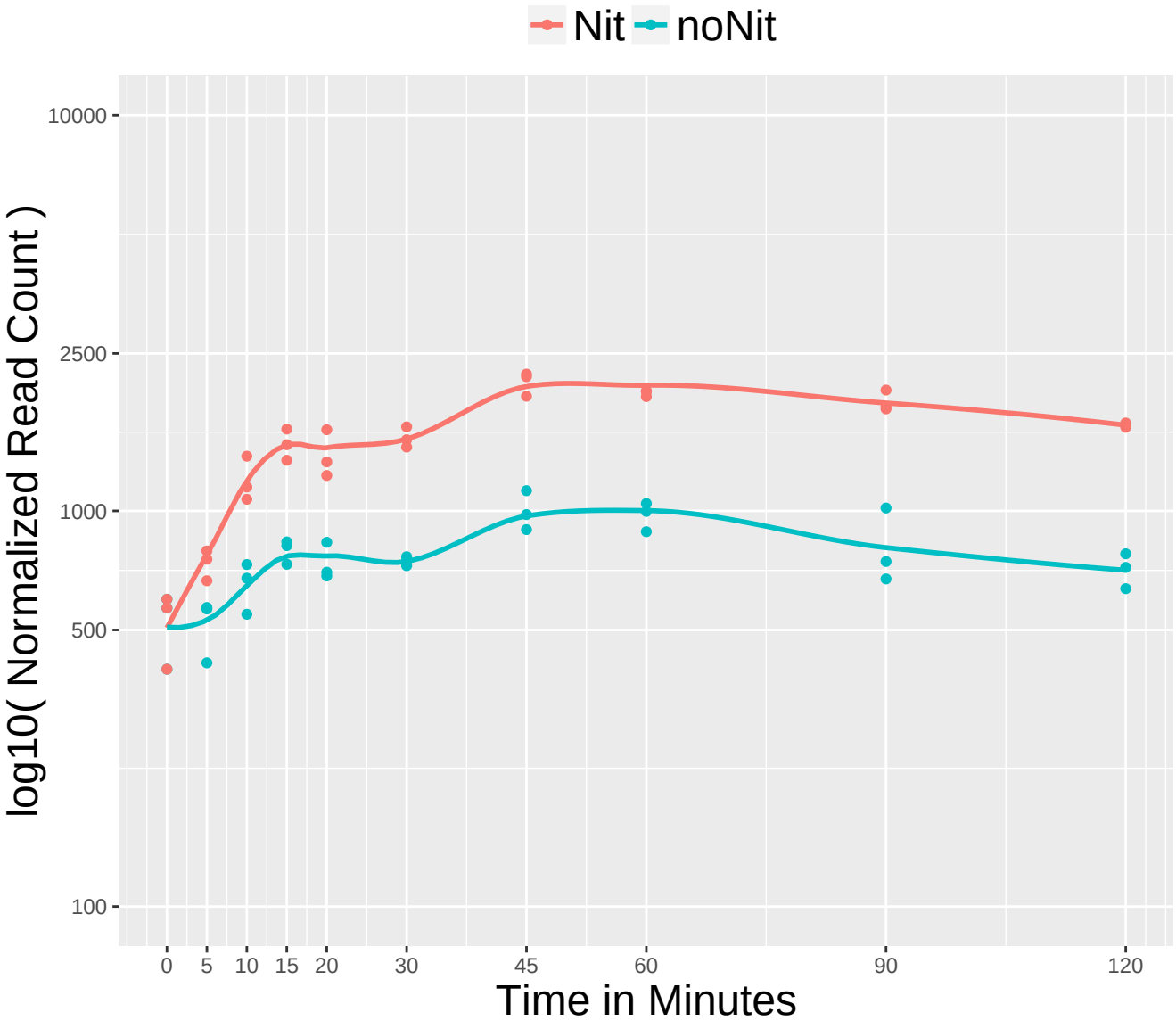
AHB2,haemoglobin



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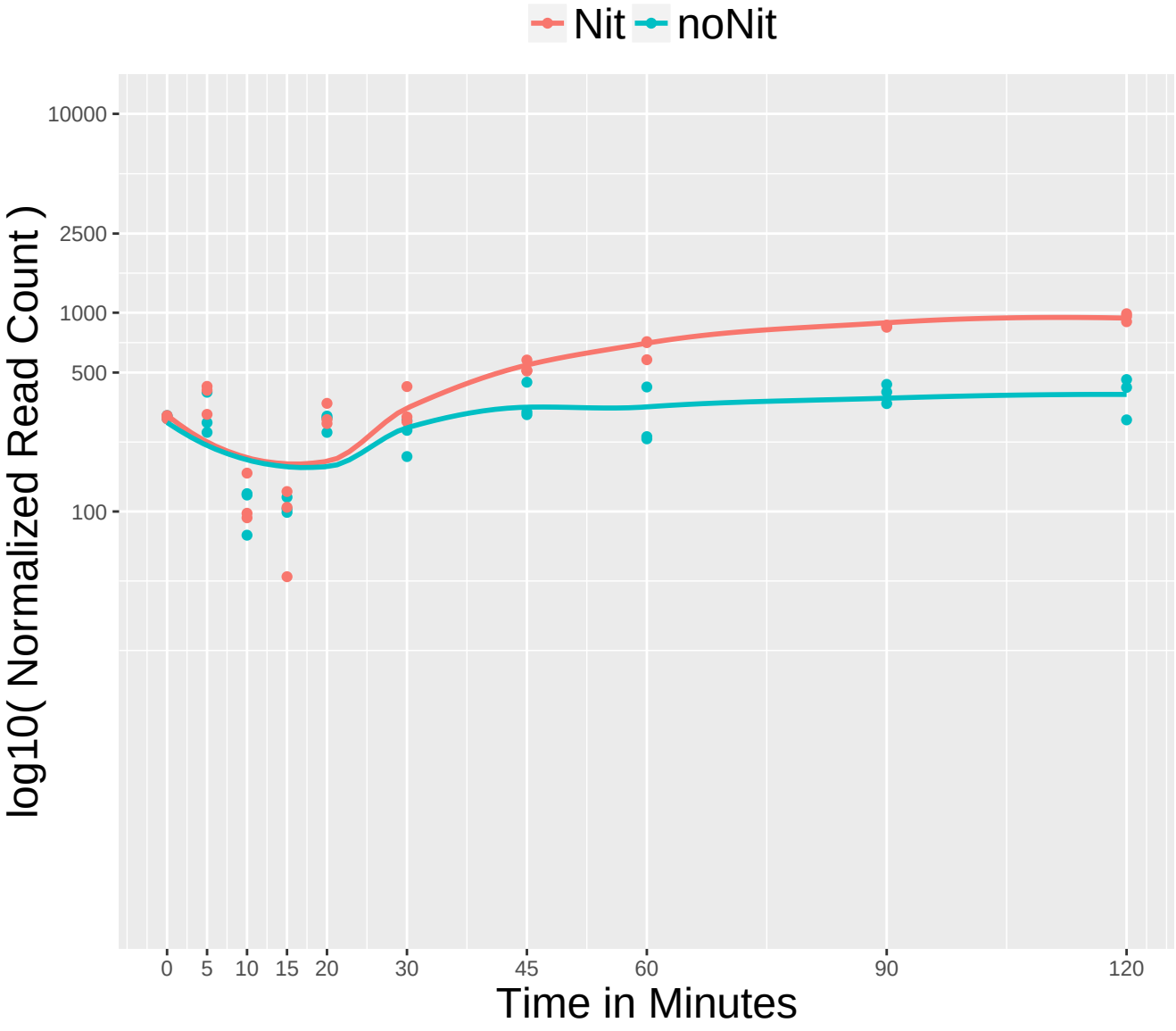

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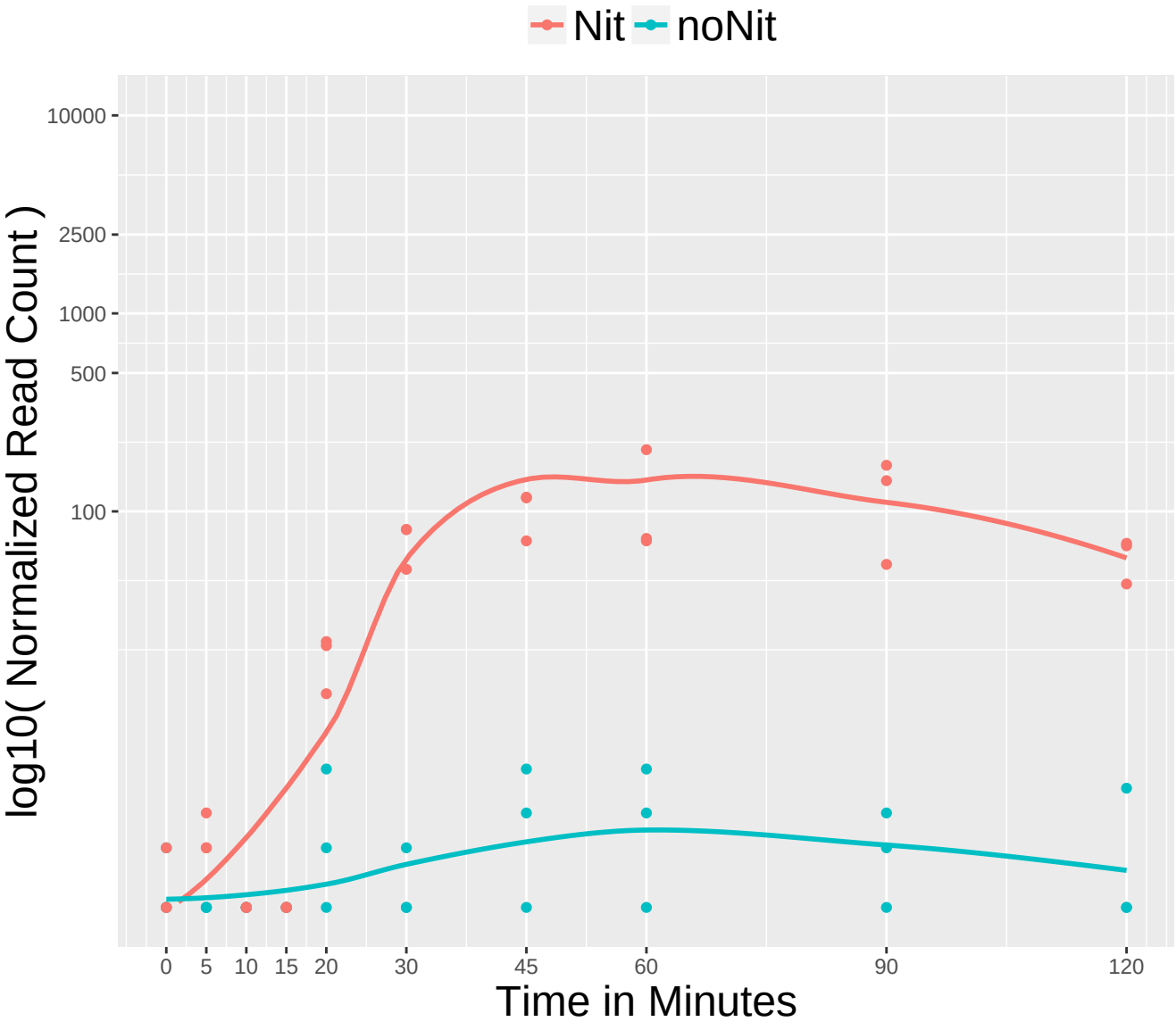
MBD3,methyl−CPG−binding



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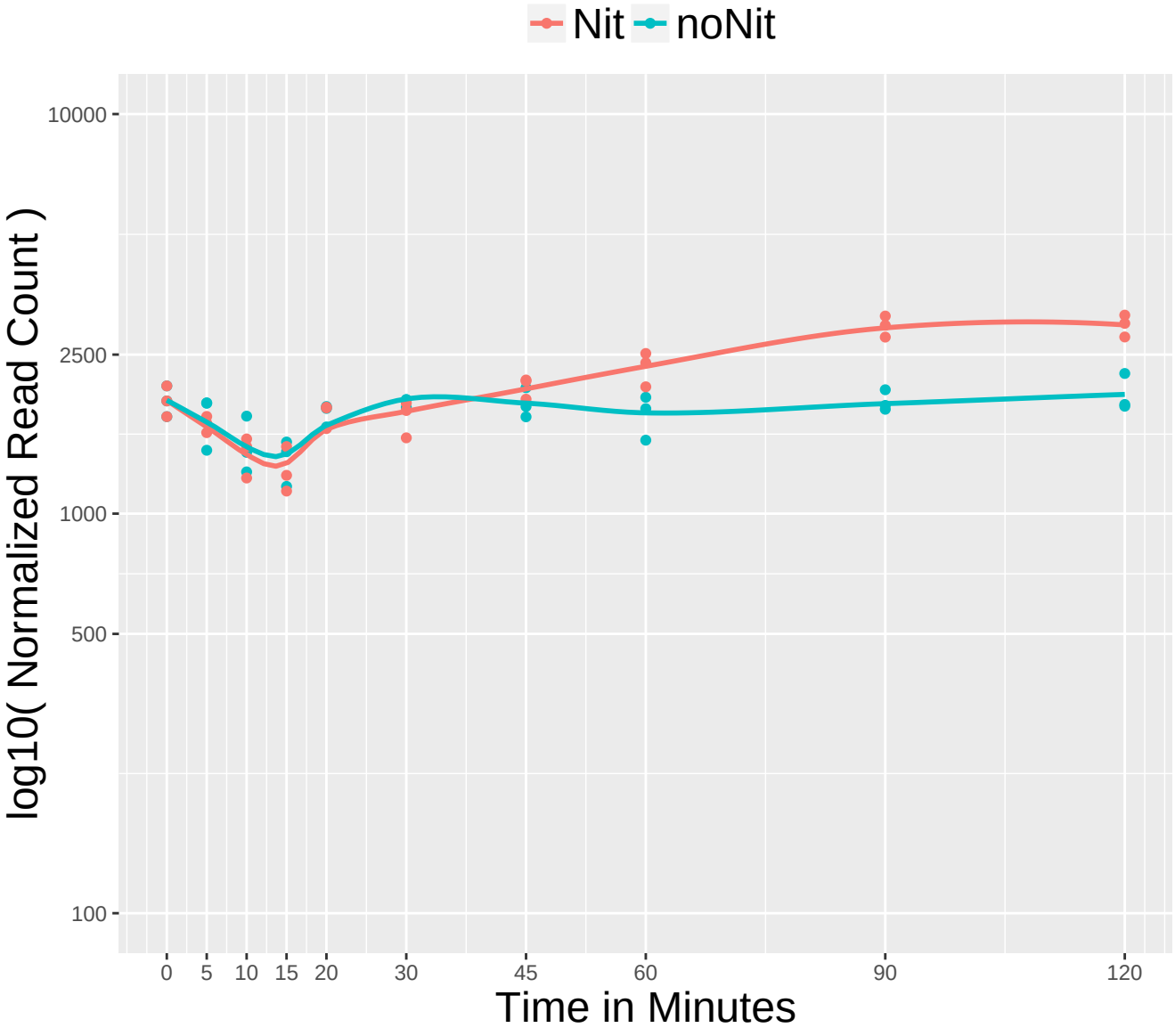

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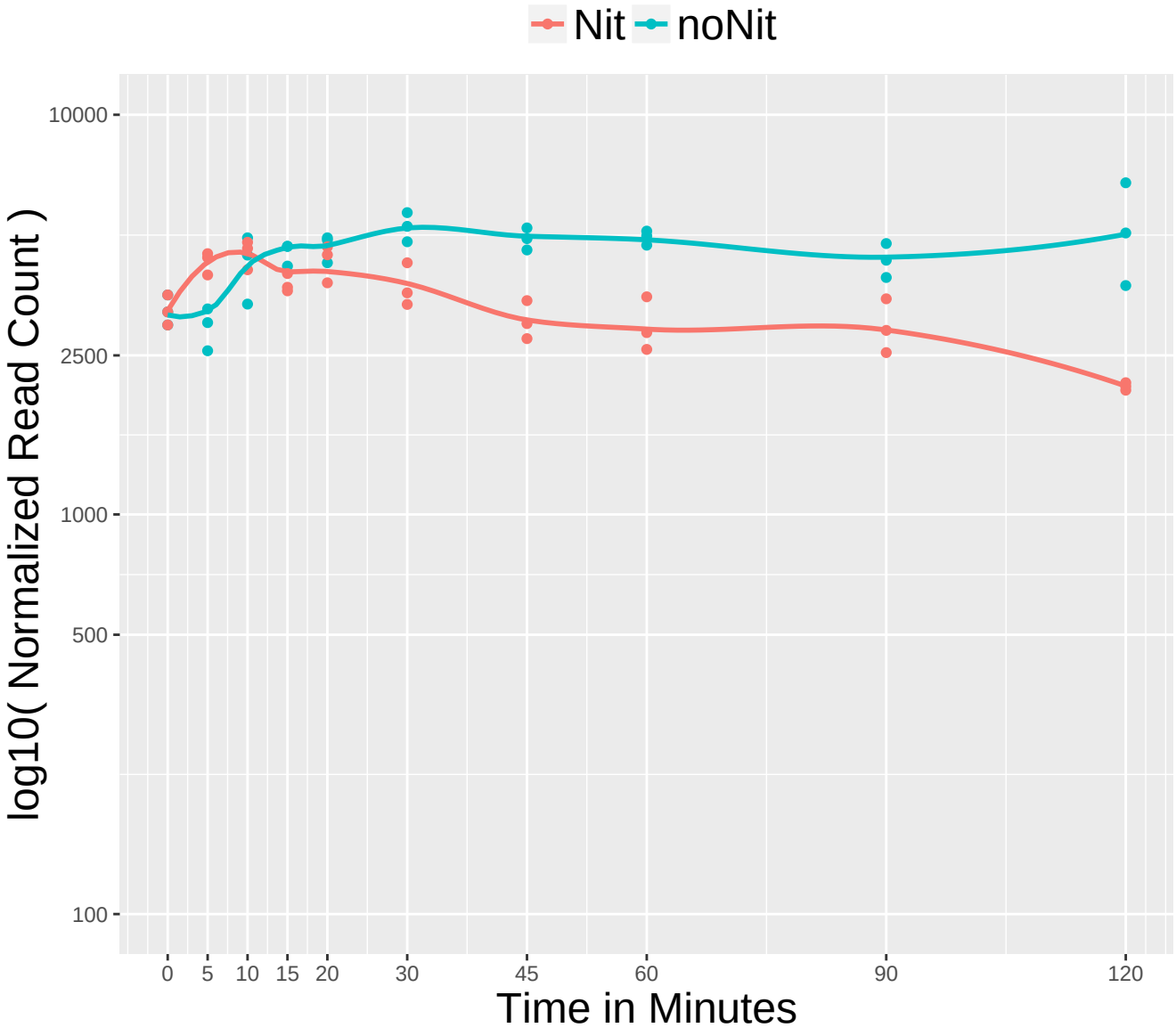
oxidoreductase



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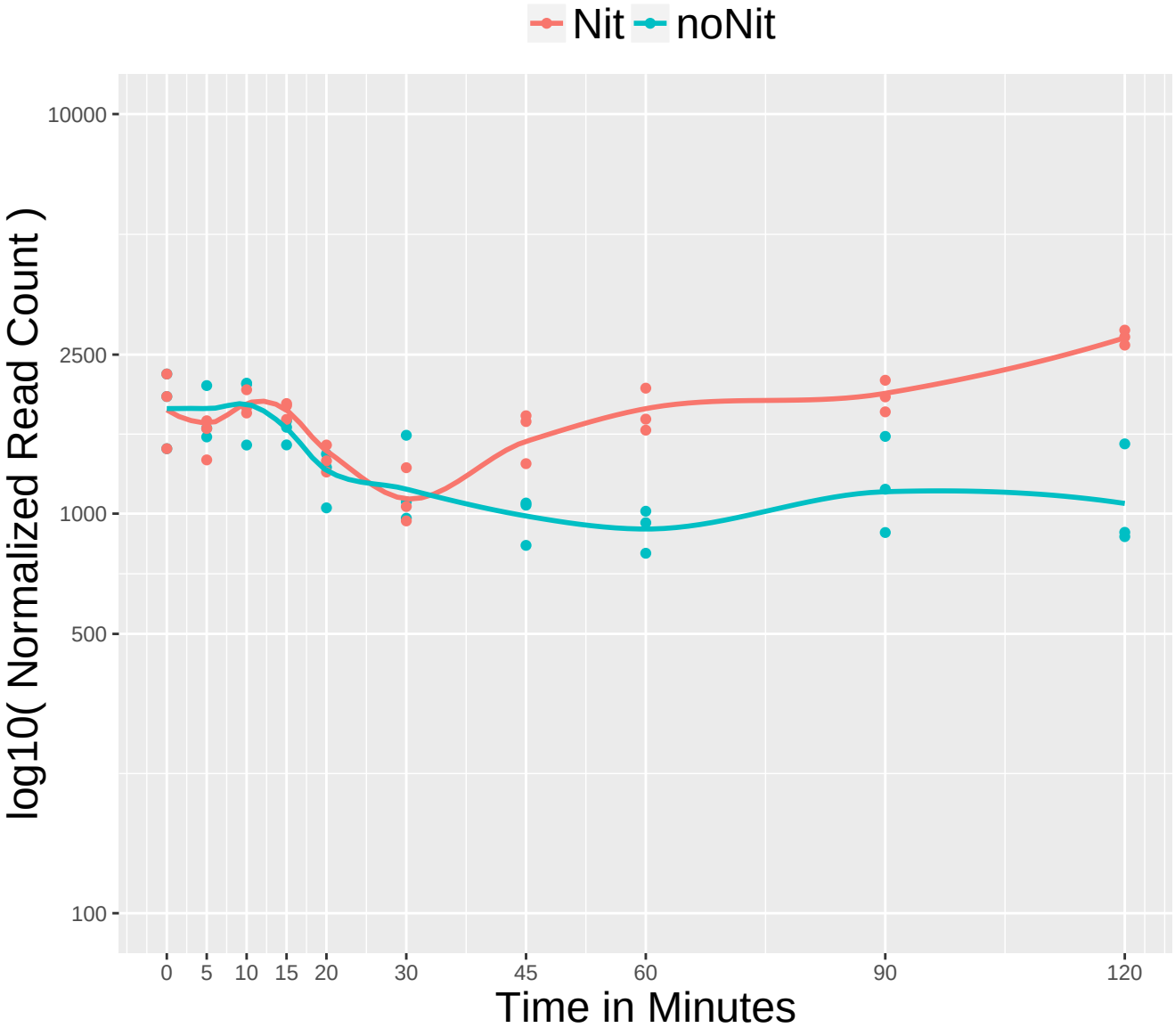

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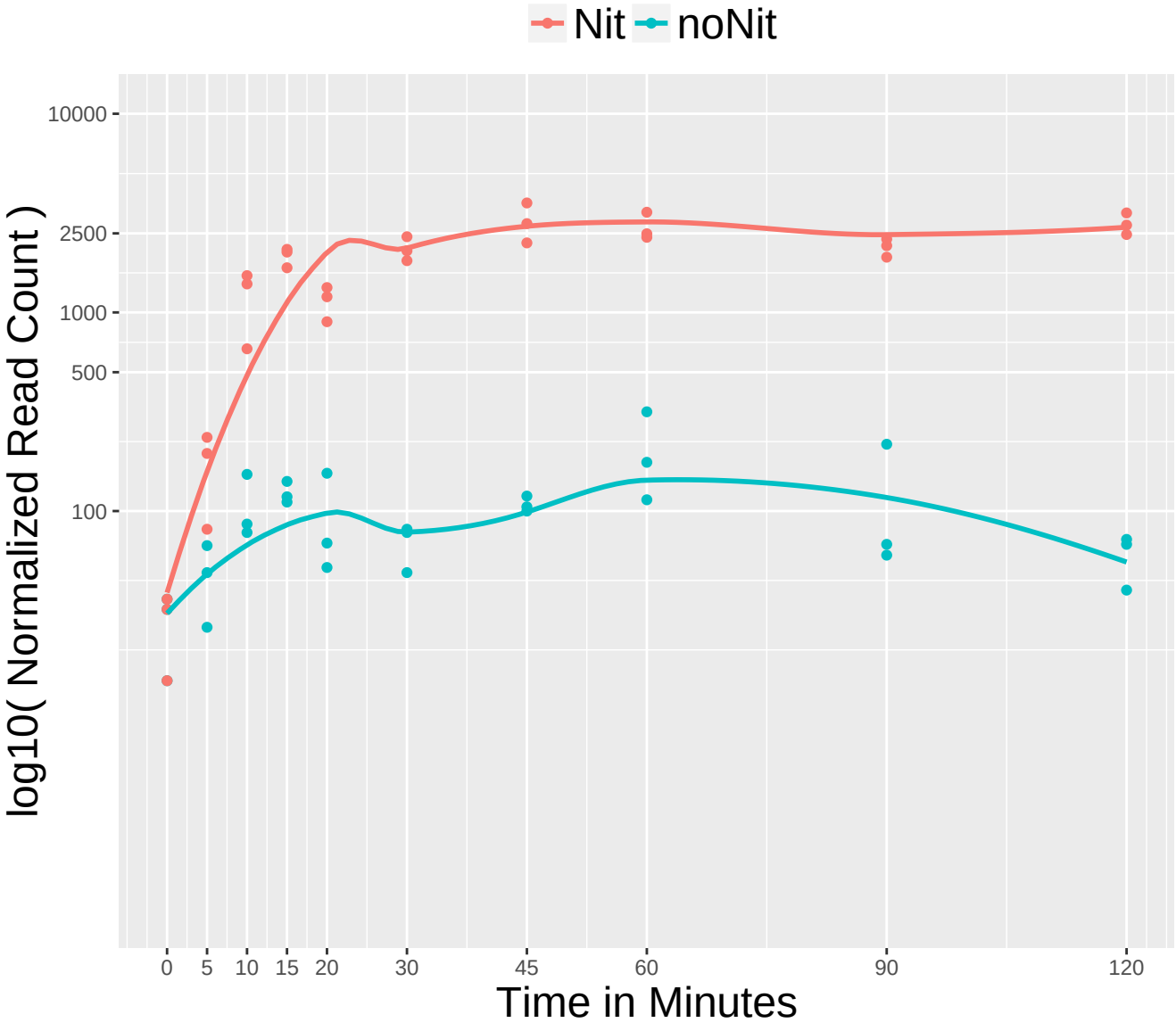
LBD39,LOB



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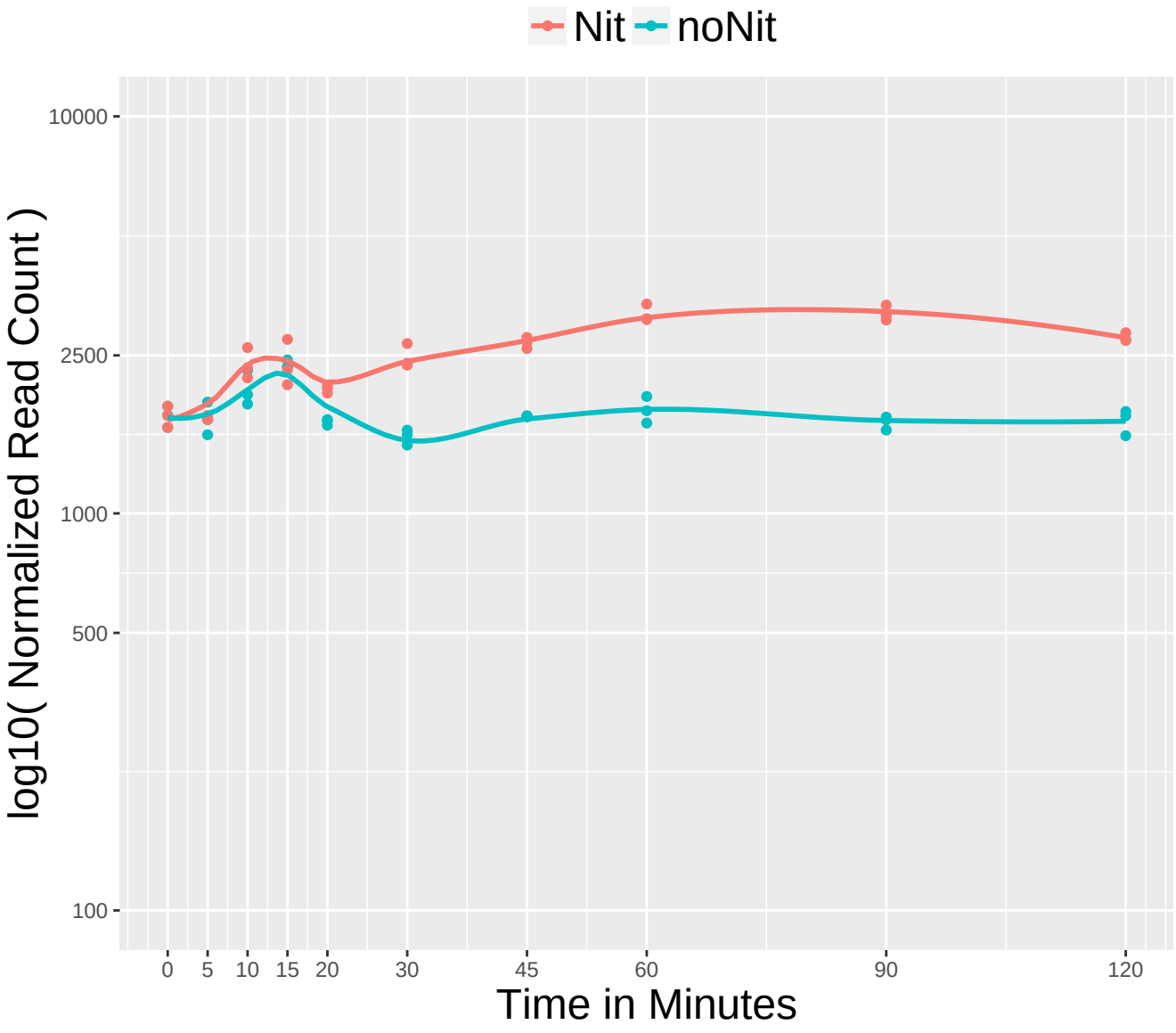
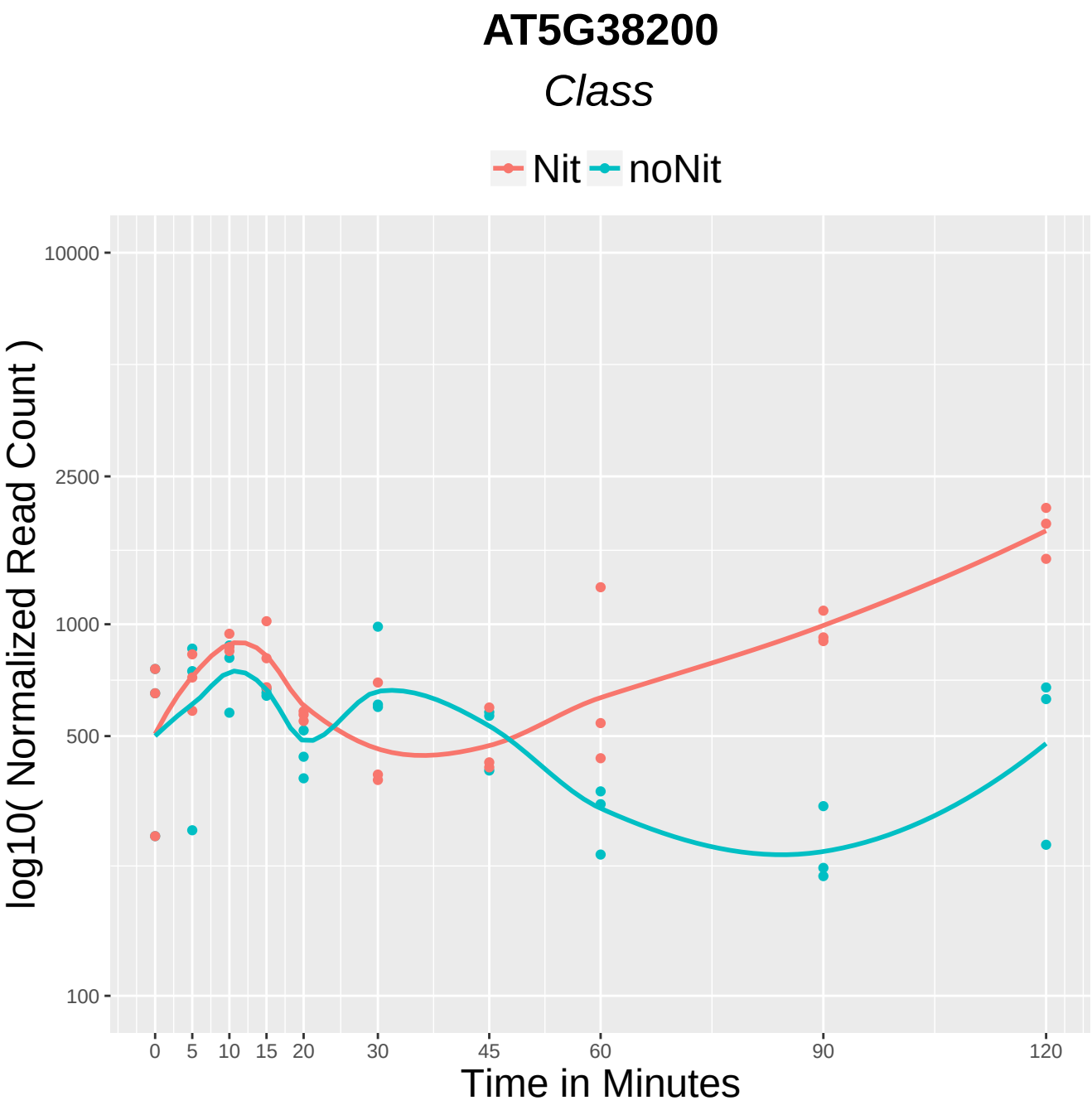
ELM1,ELONGATED

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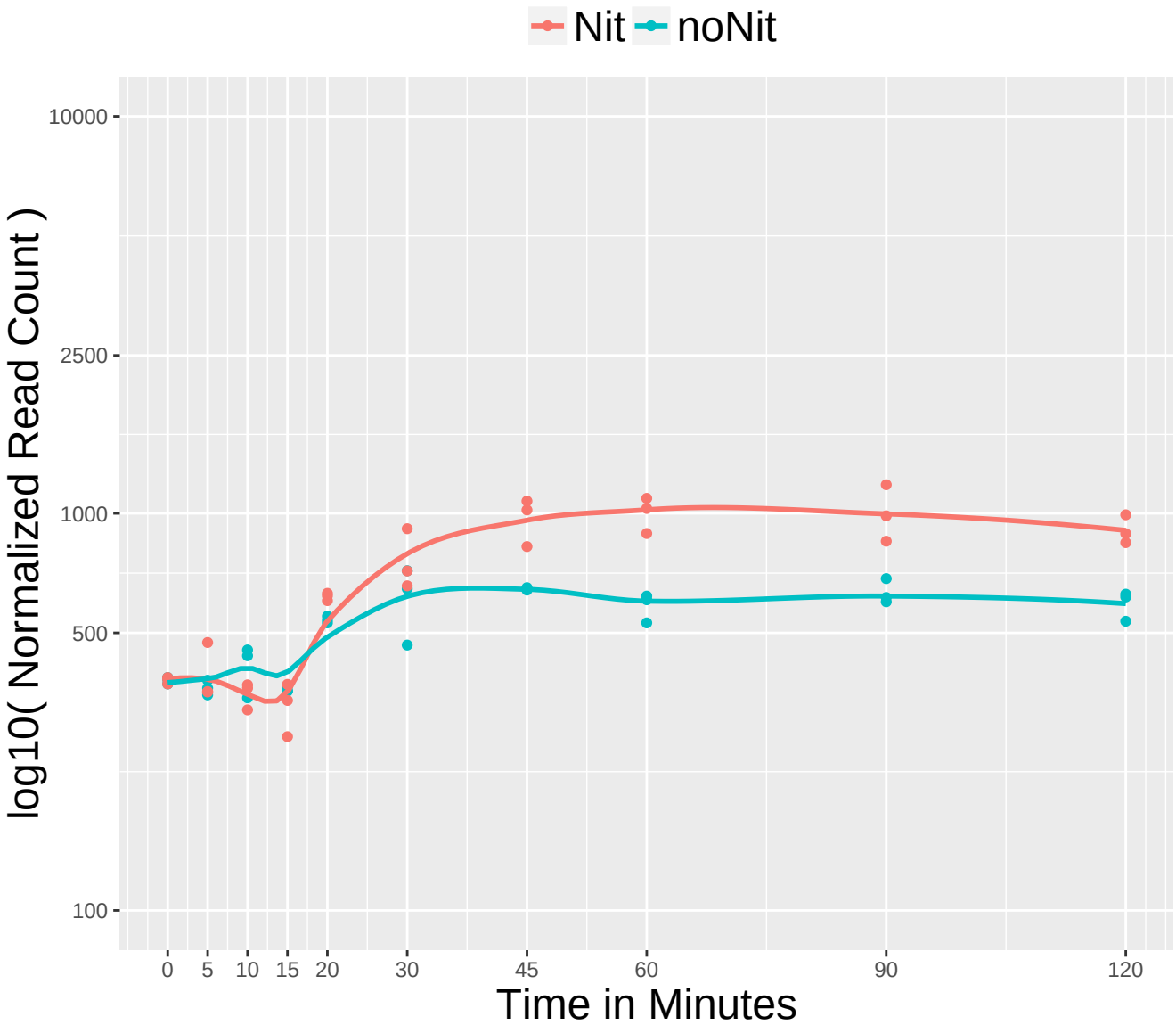
SHA1,shoot



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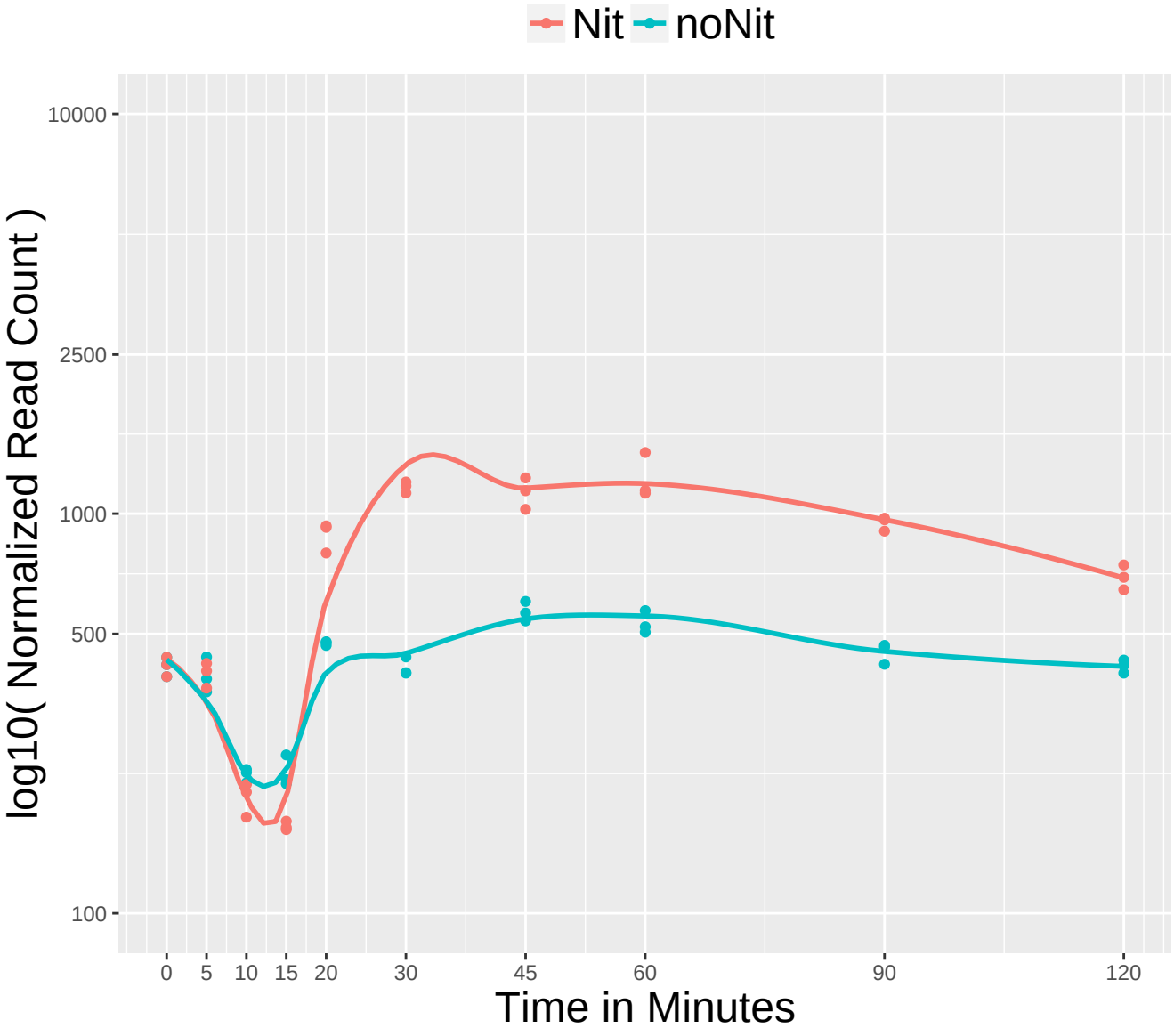

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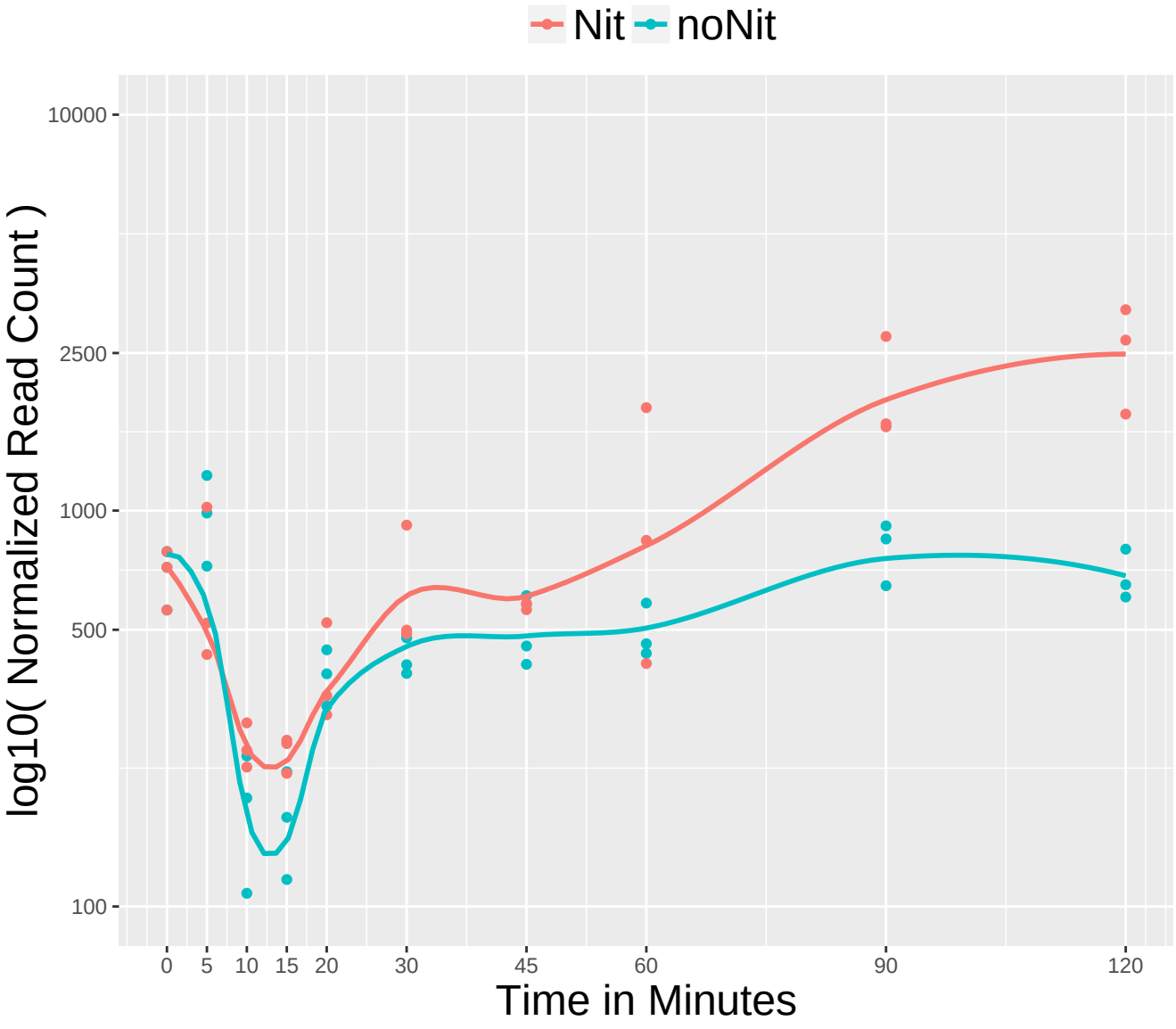
ANAC029,Arabidopsis



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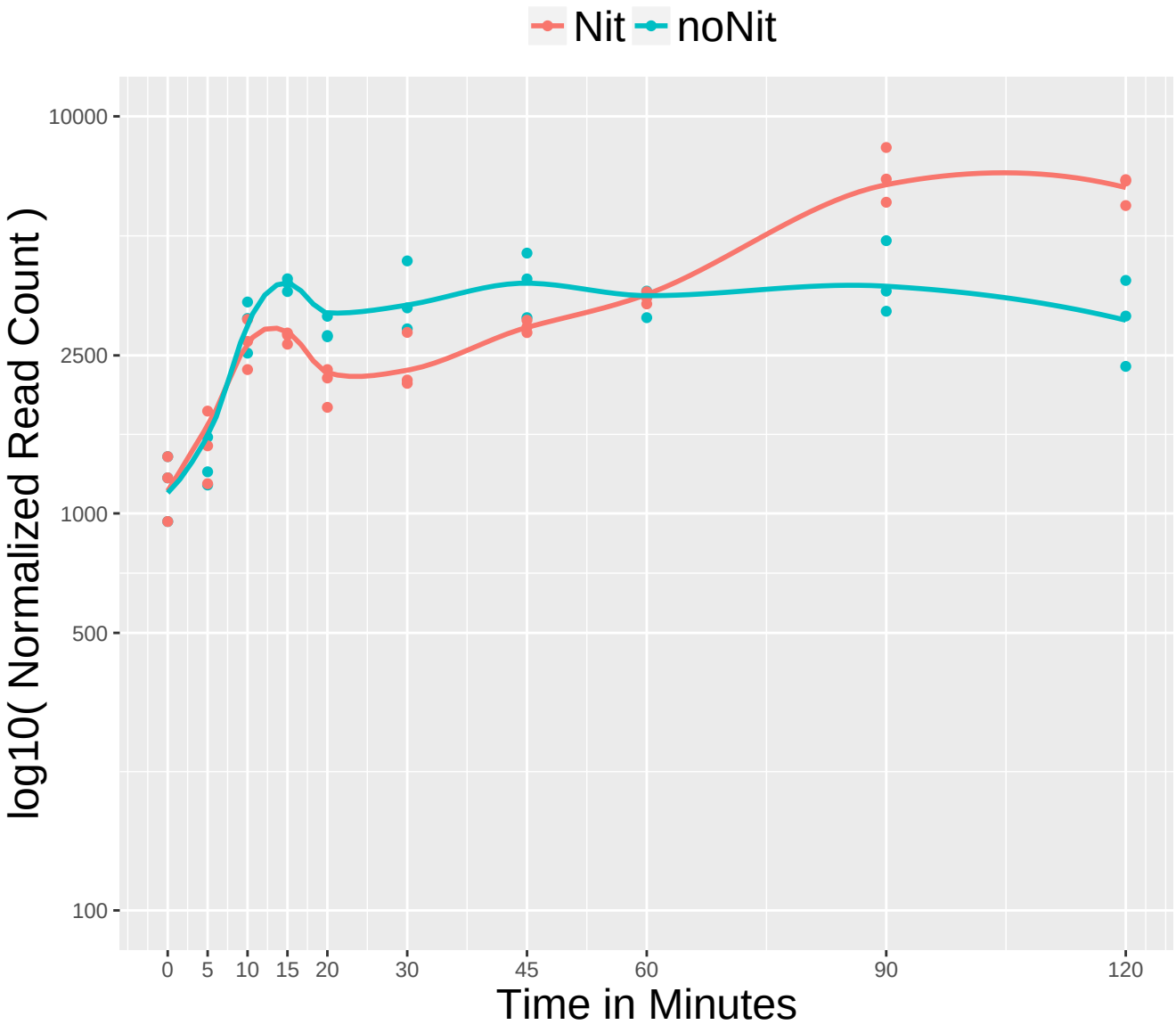

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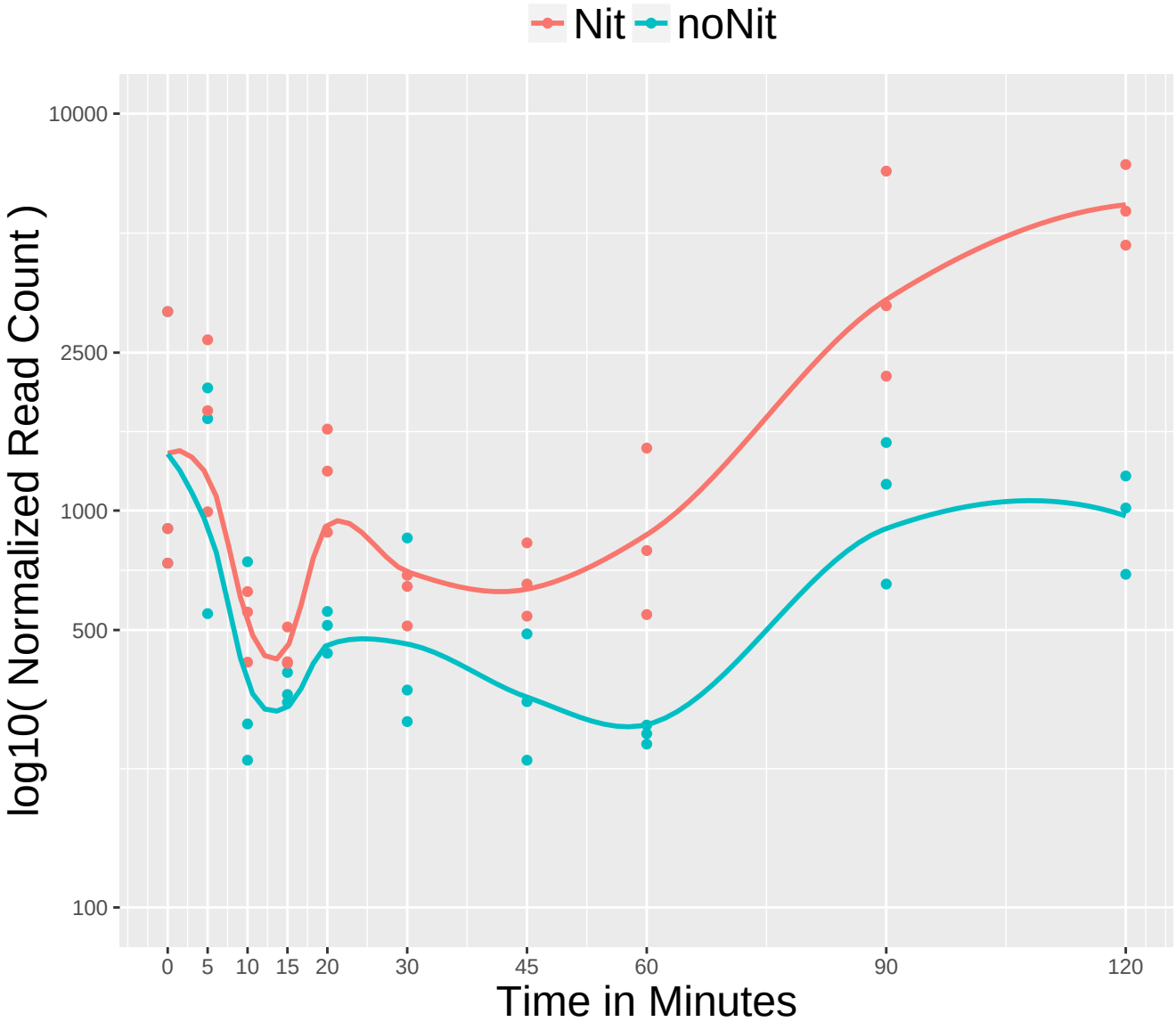
MEE14,maternal



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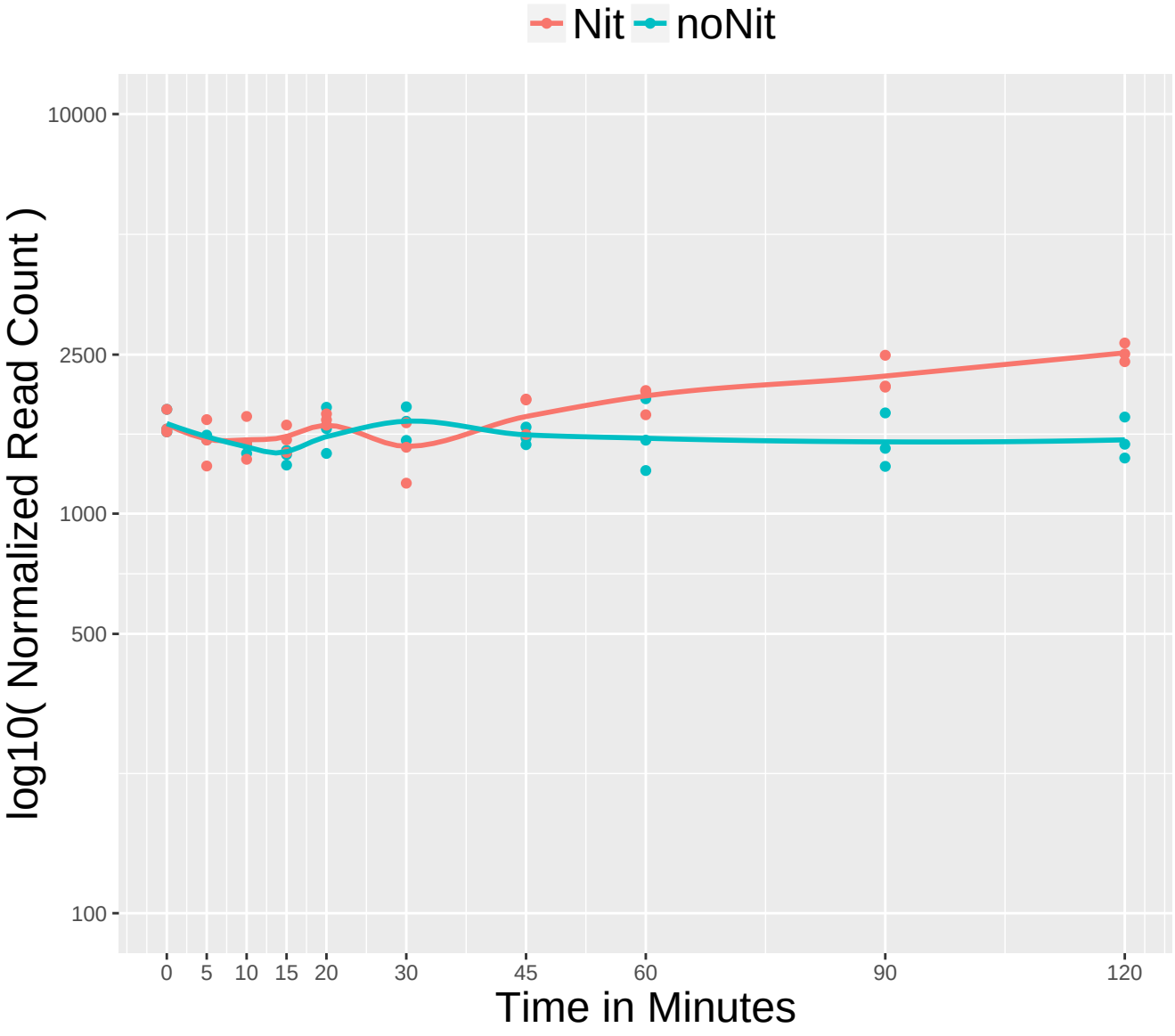
Transducin/WD40



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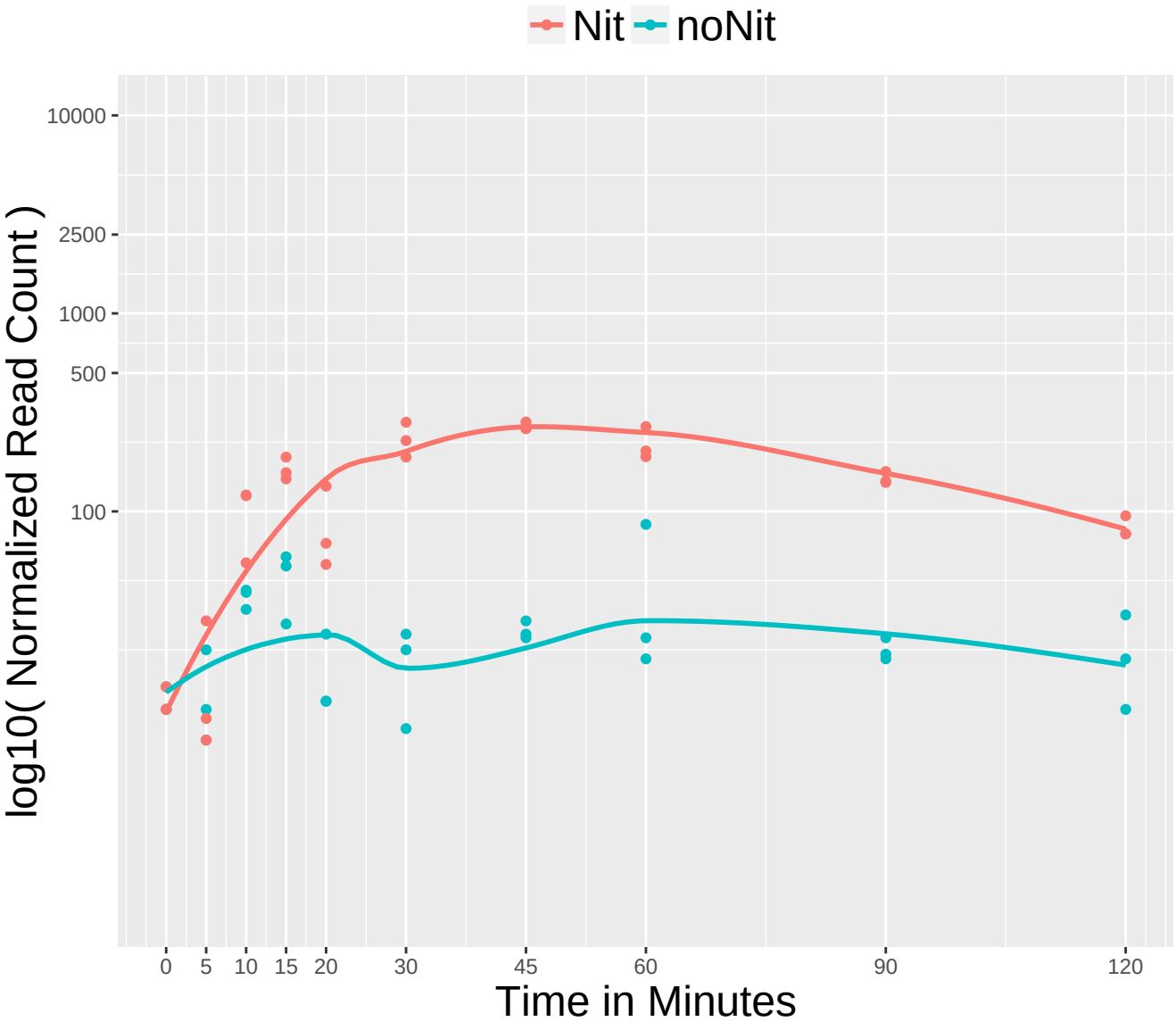
Integrase−type



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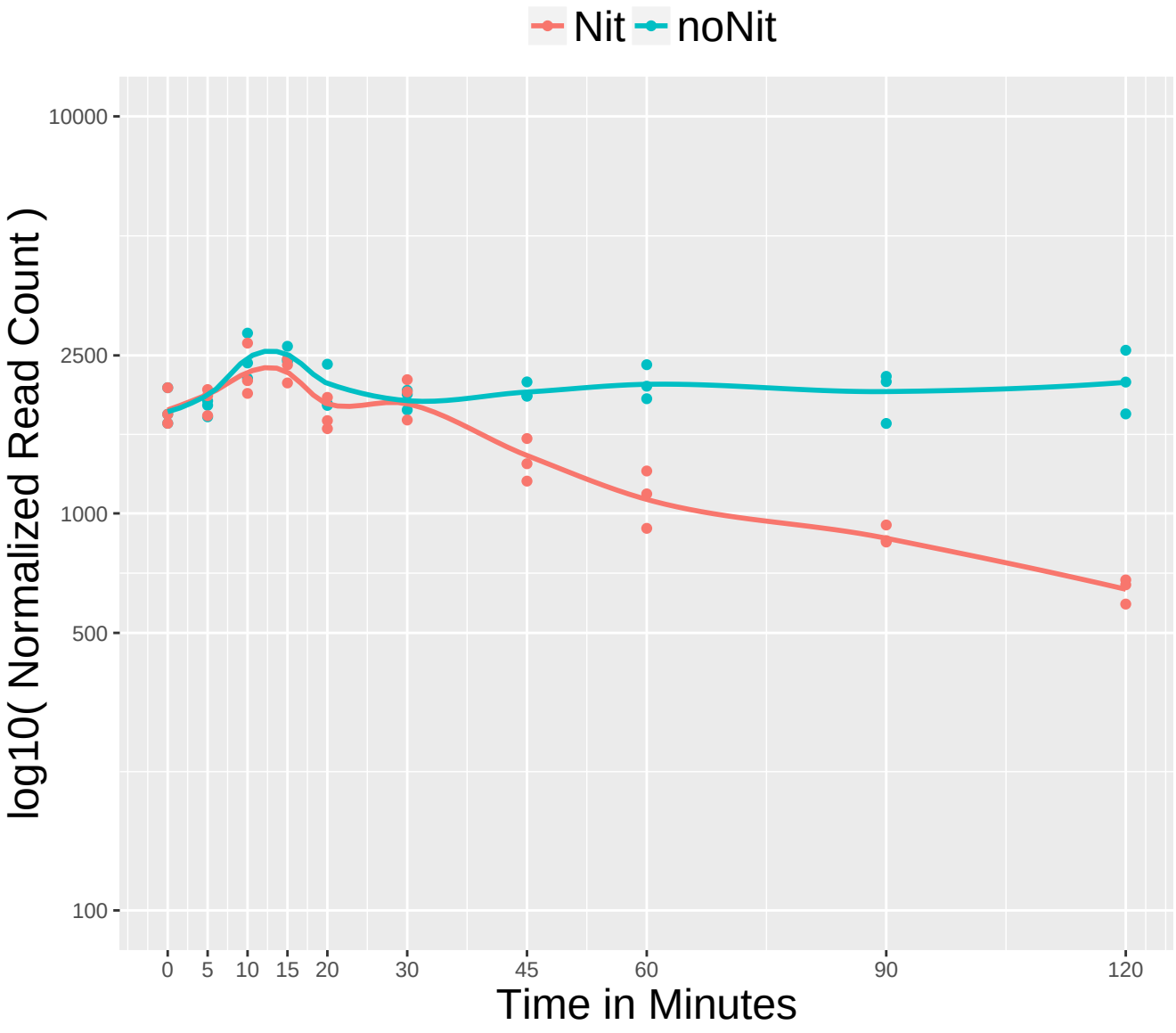
NDA2,alternative



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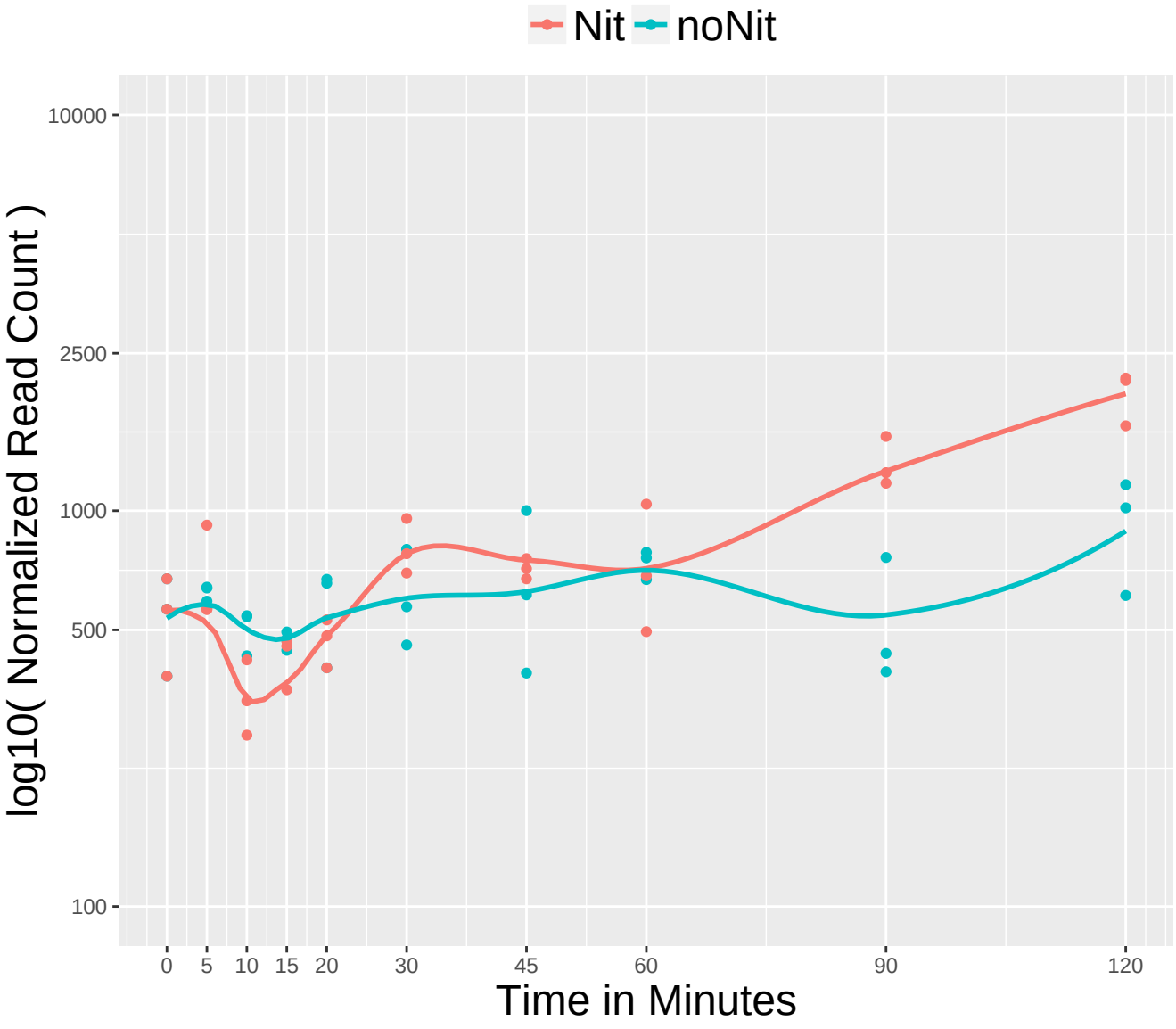
alpha/beta−Hydrolases



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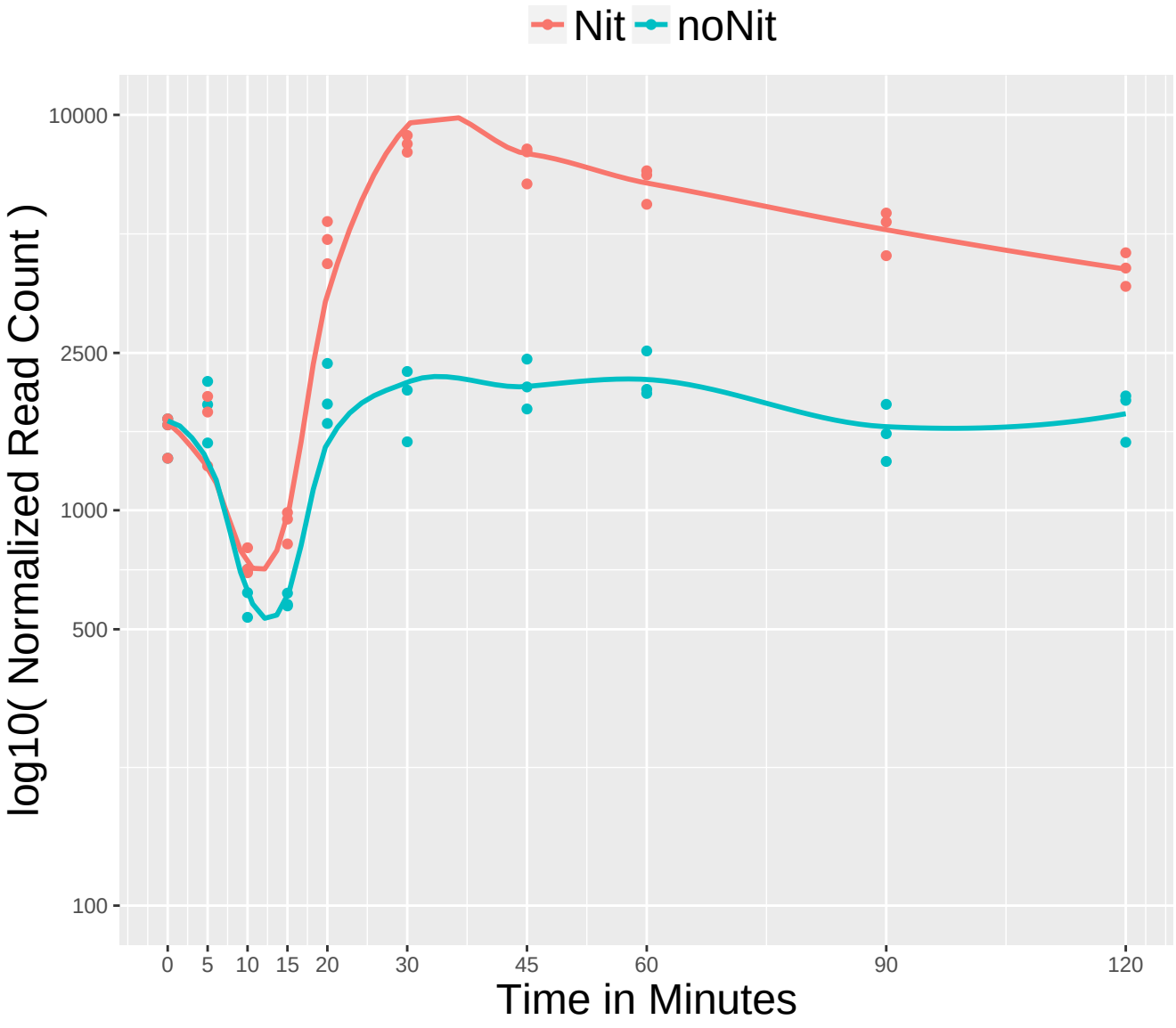

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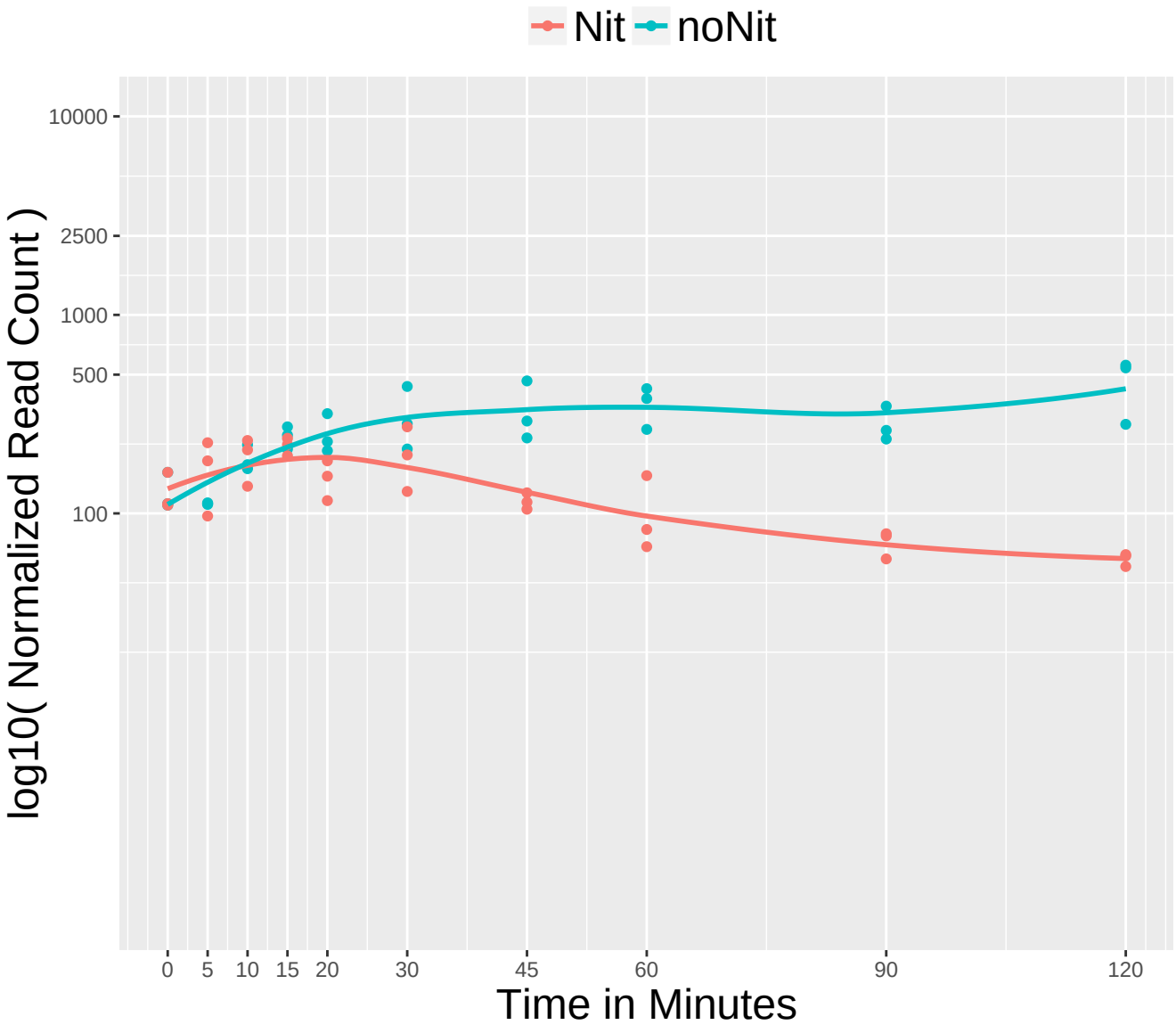

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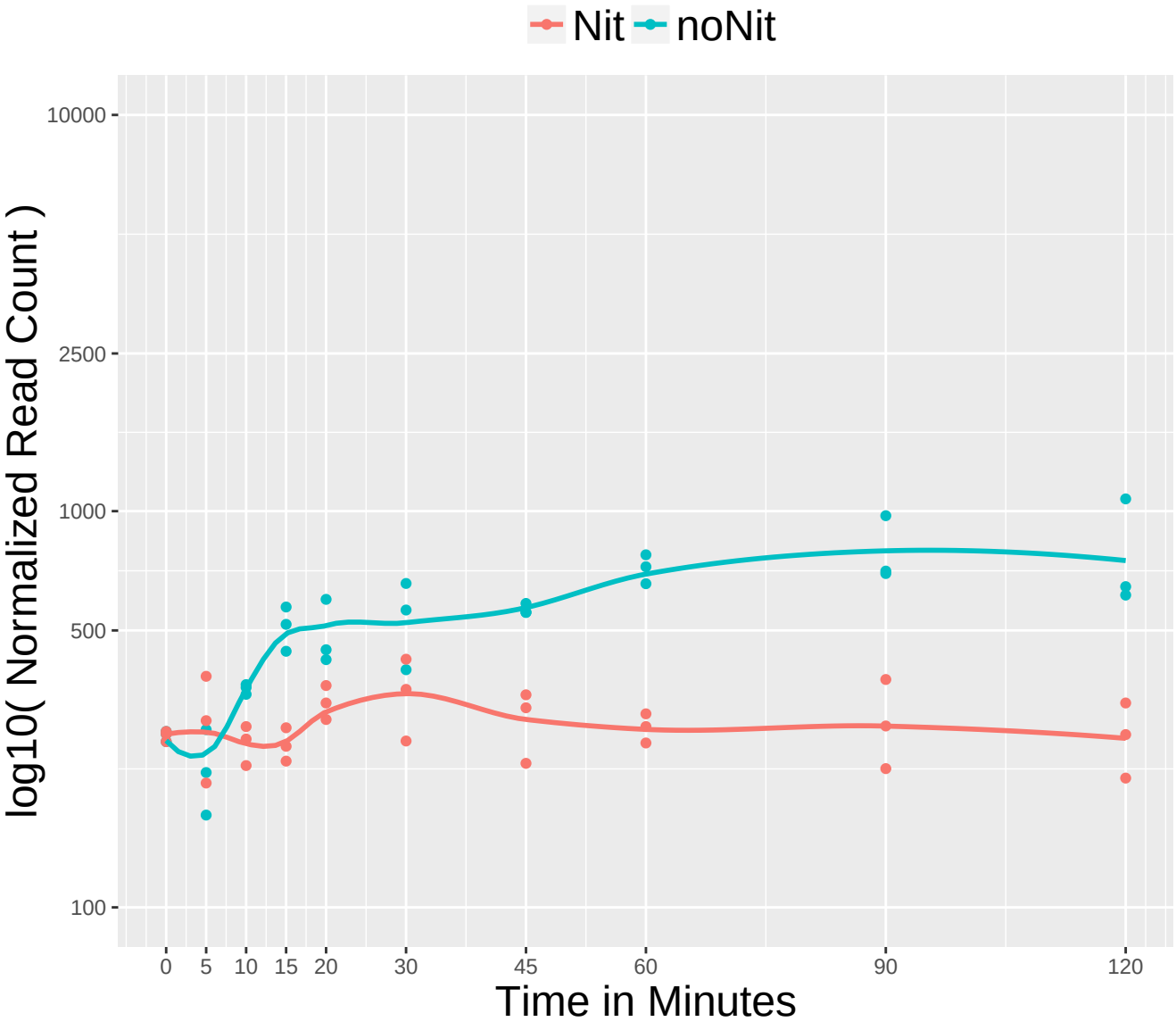
Major



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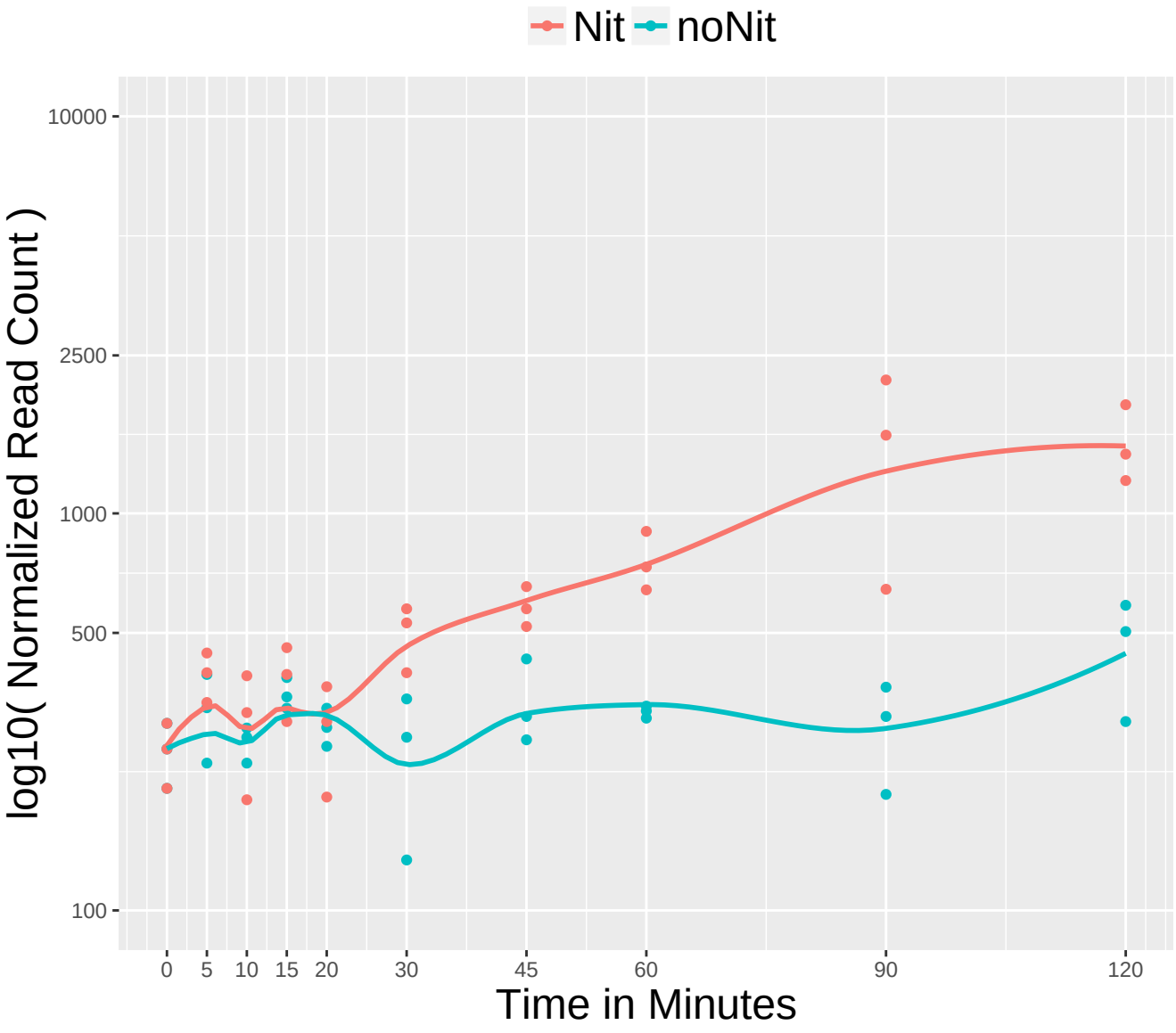
BGLU30,BETA



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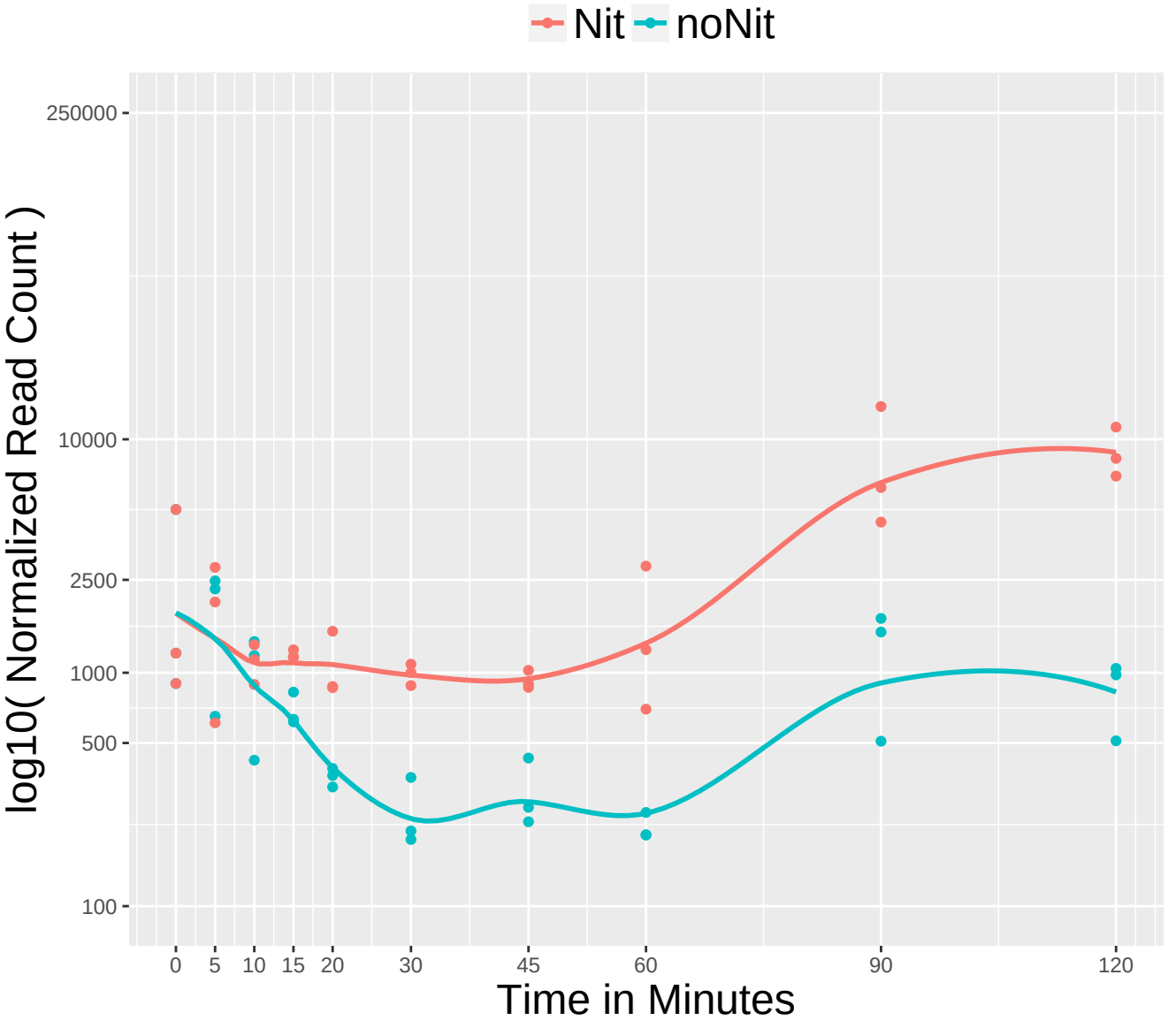

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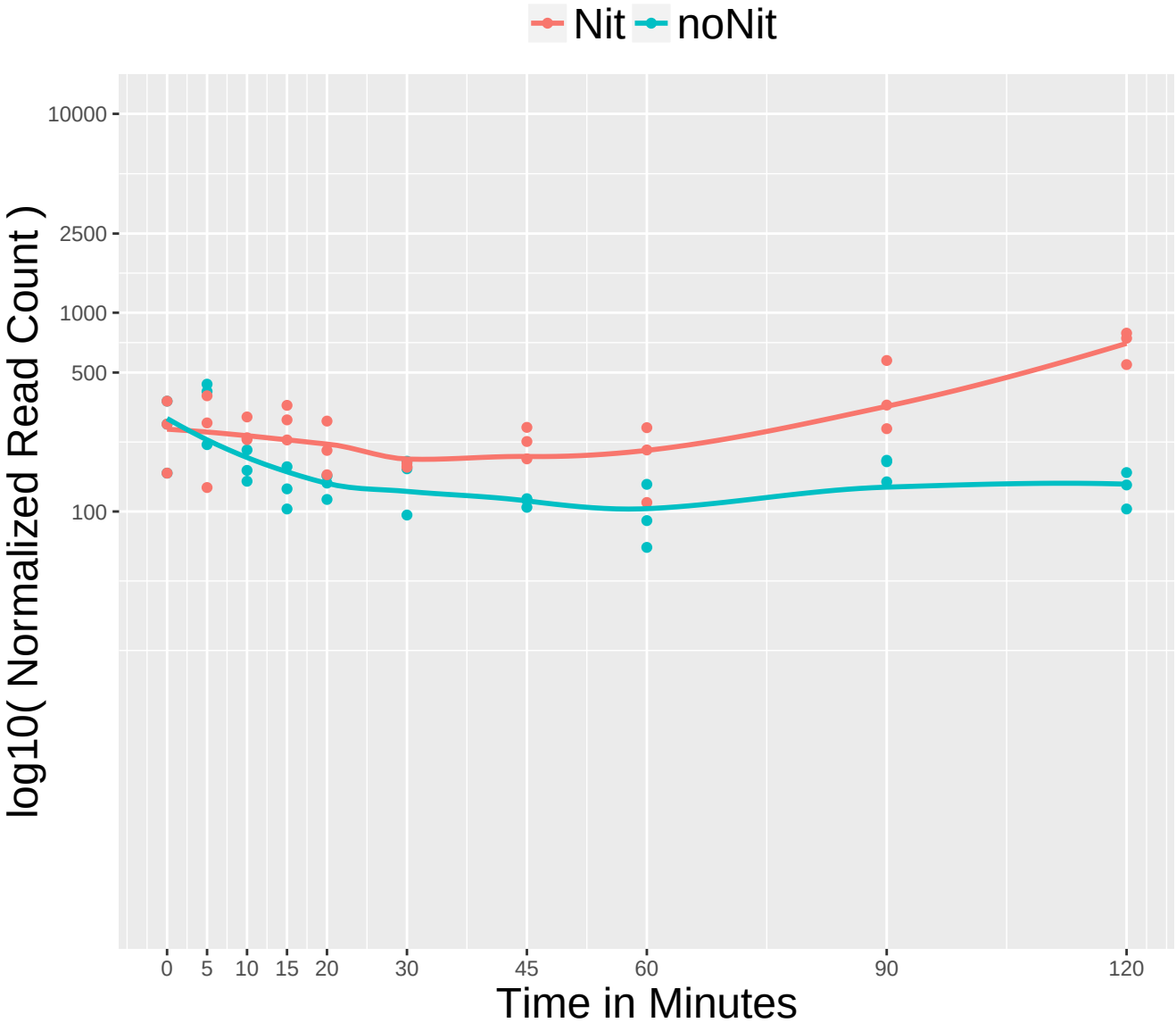
SIS,Salt



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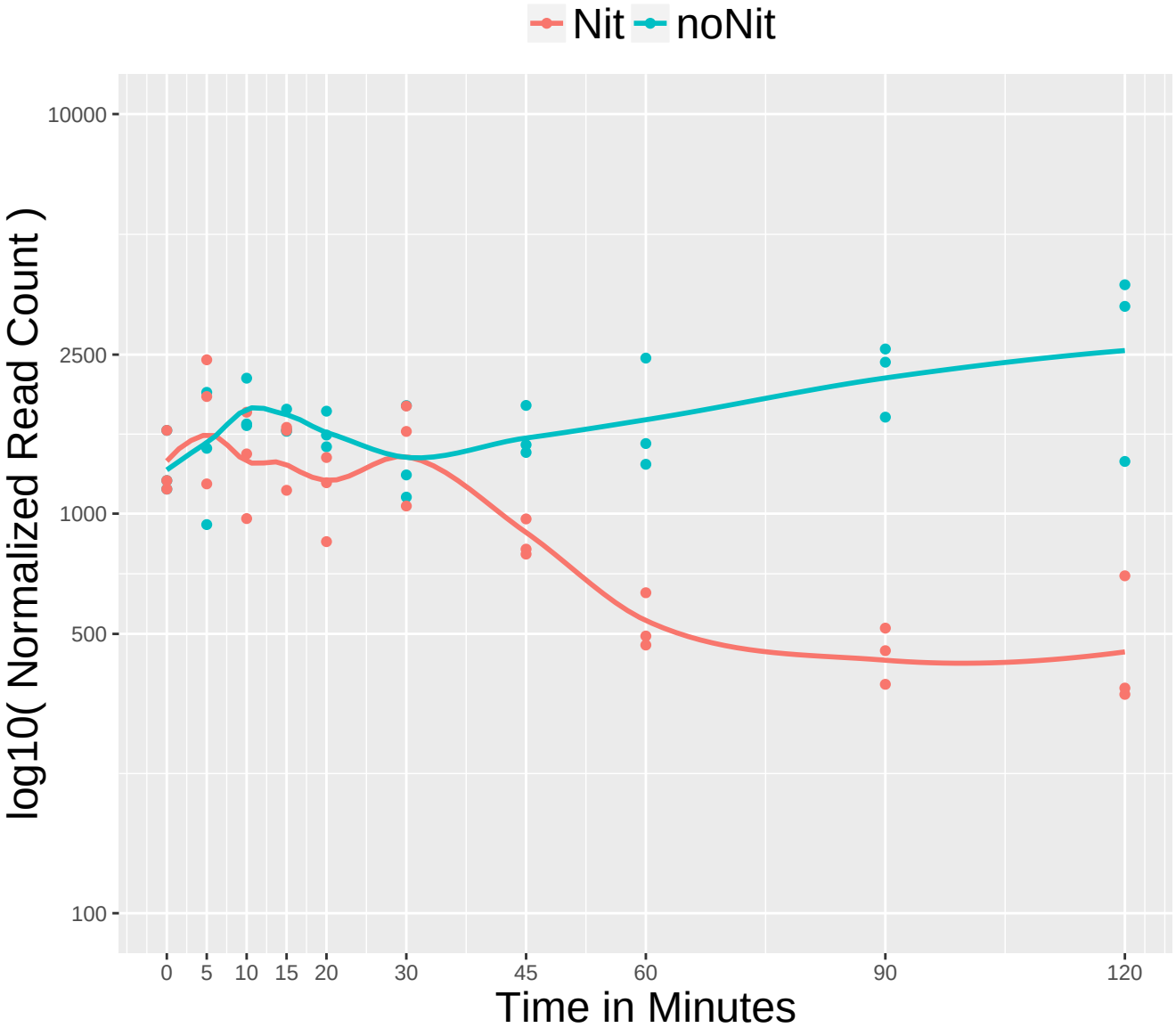

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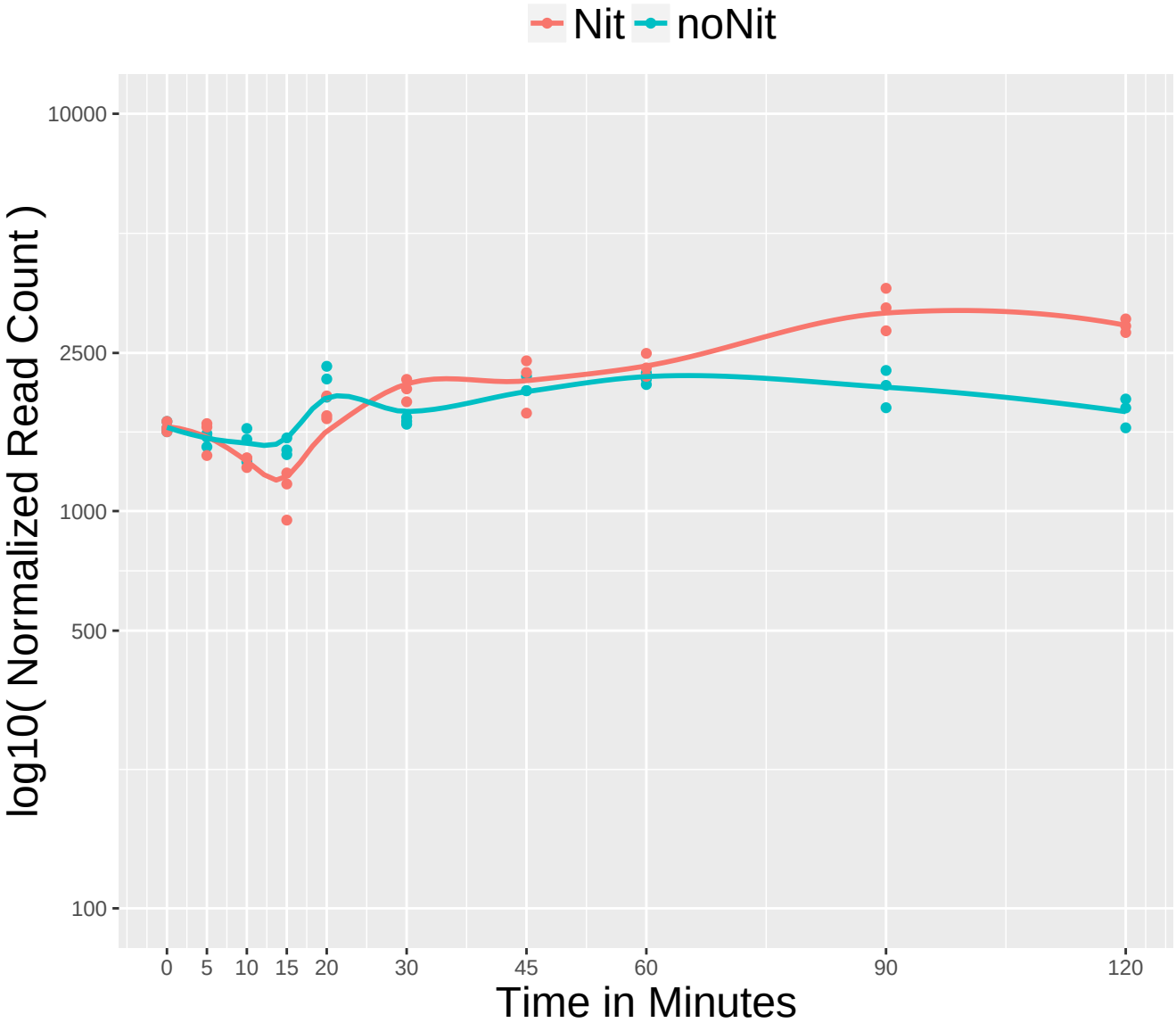

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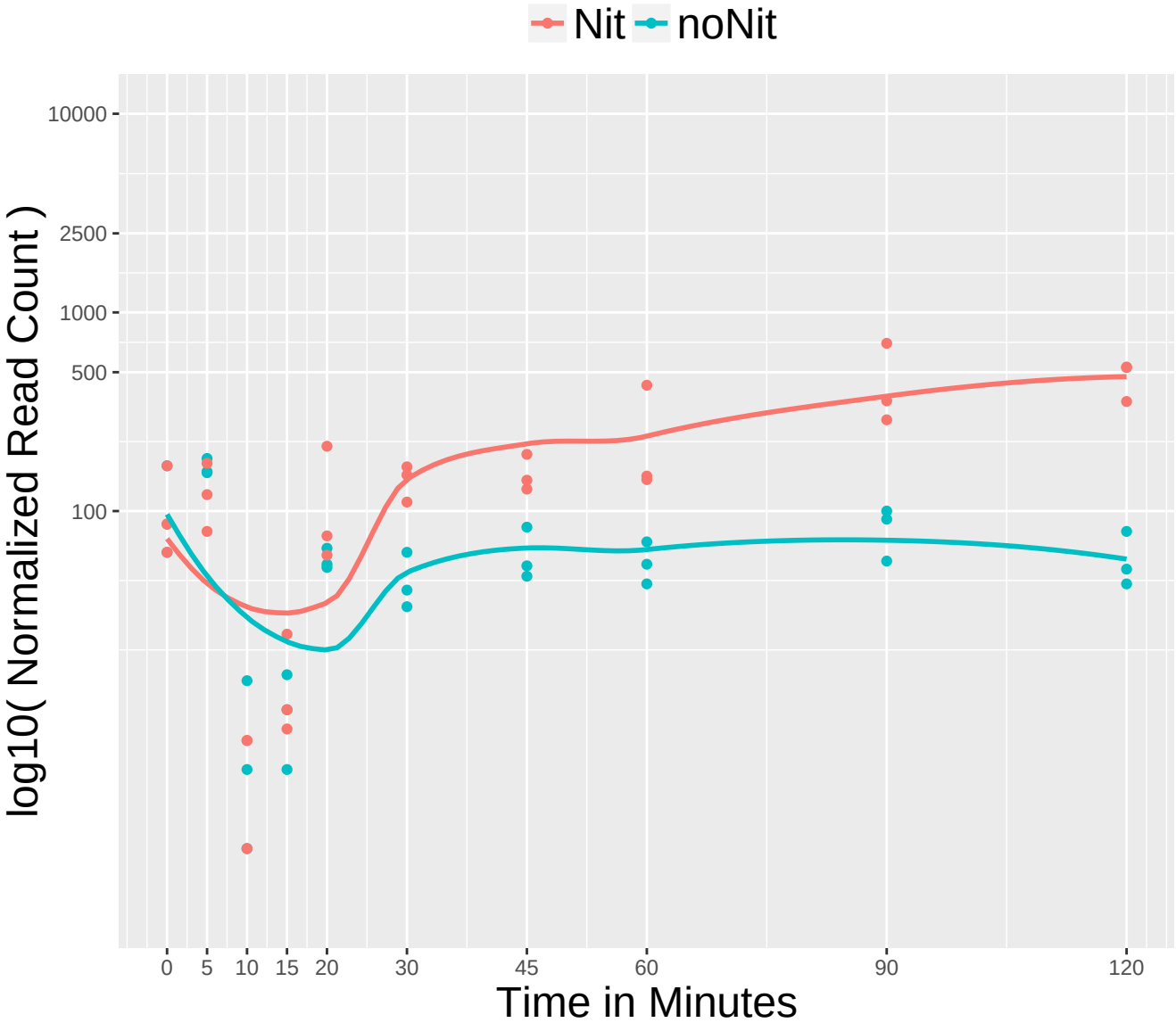
ATOXS3,OXIDATIVE



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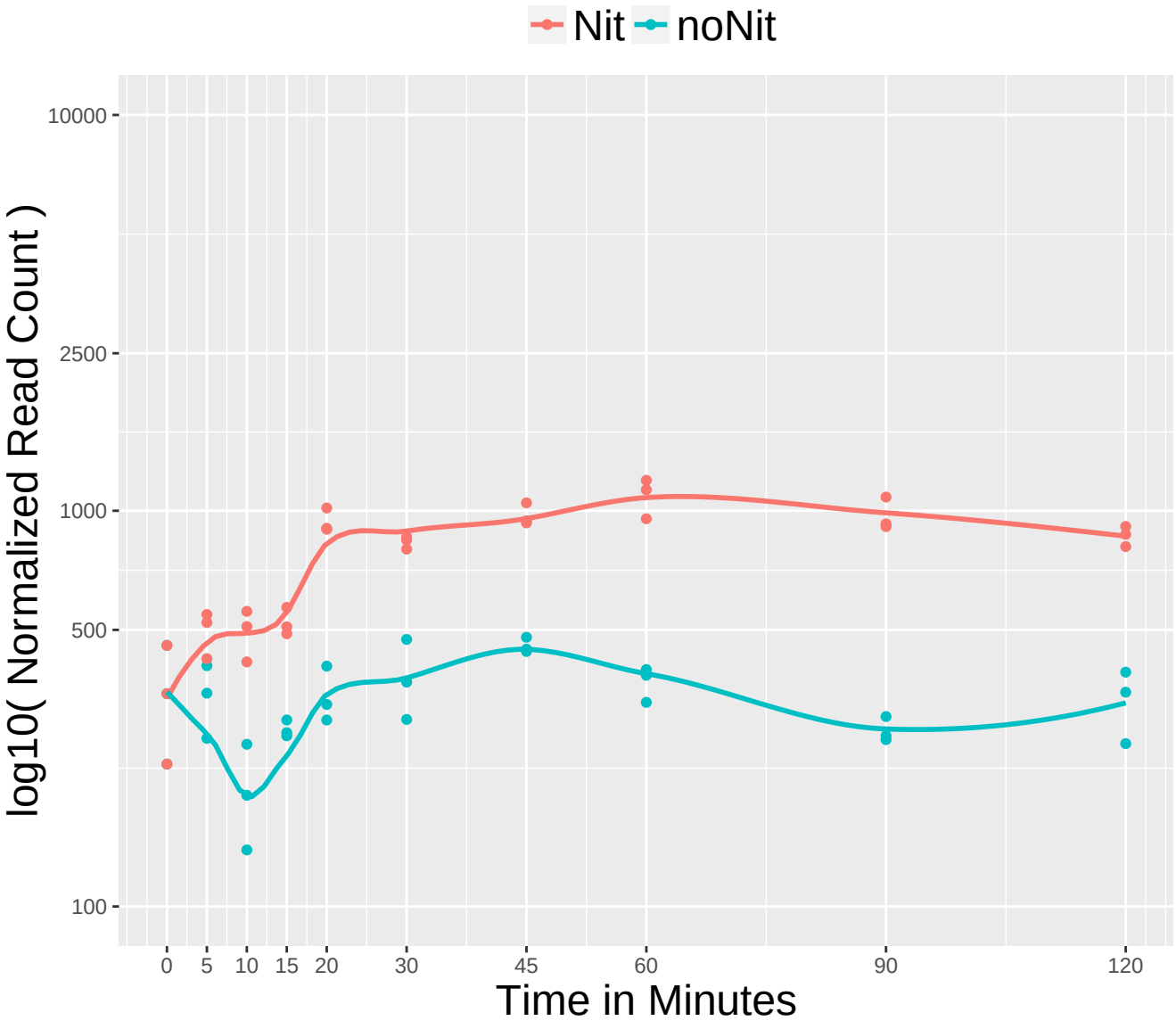
Cysteine/Histidine−rich



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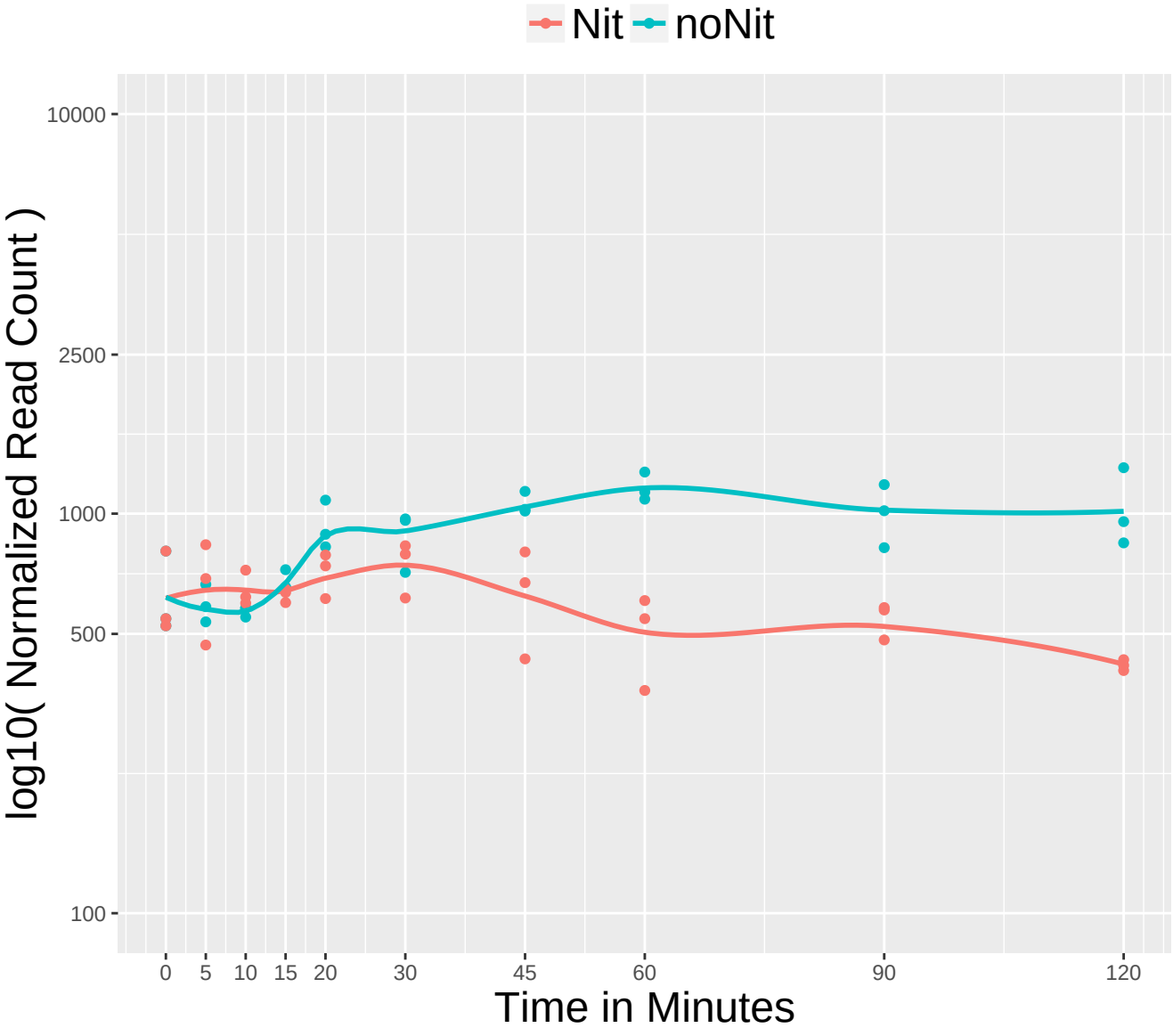
Concanavalin



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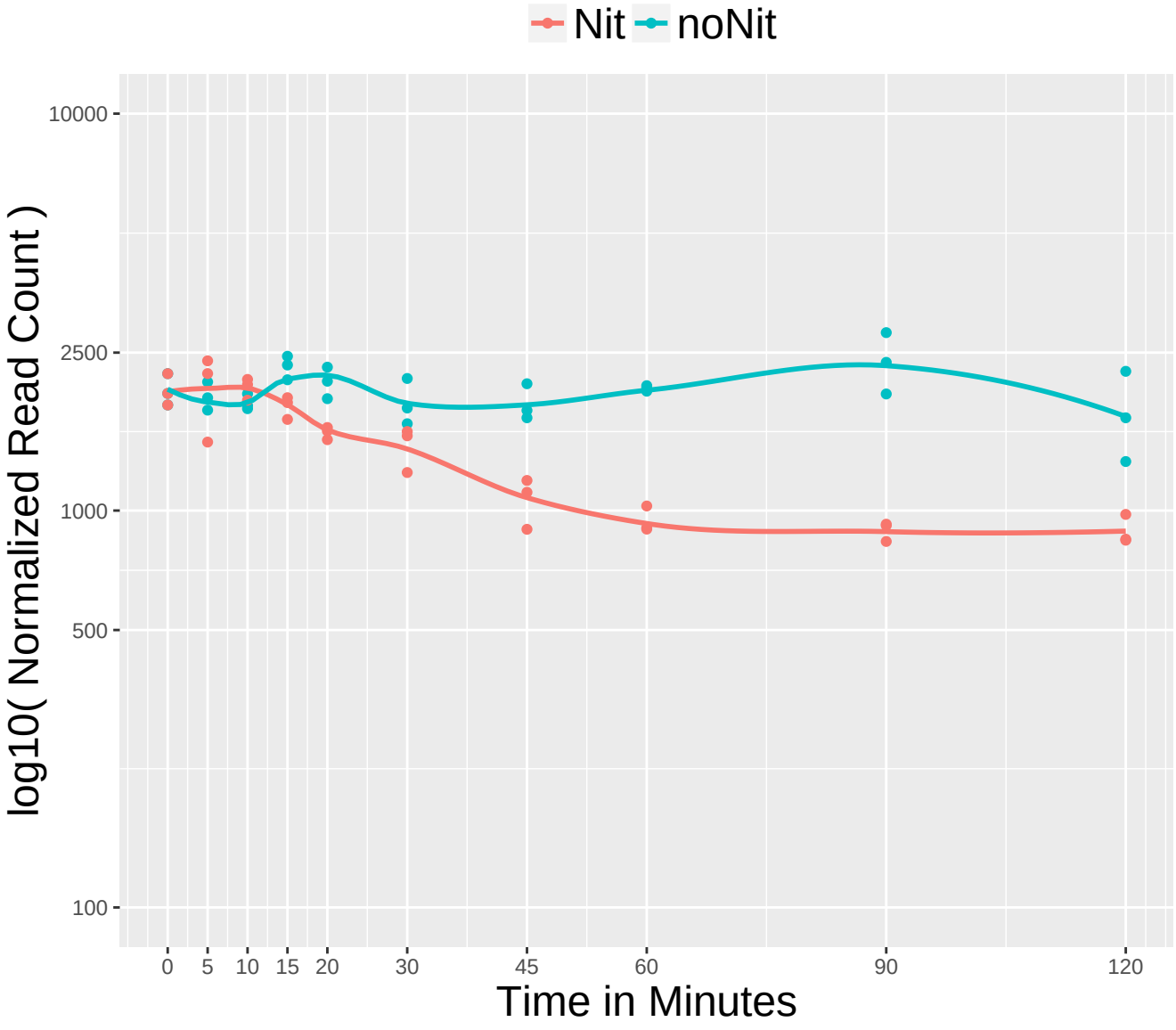

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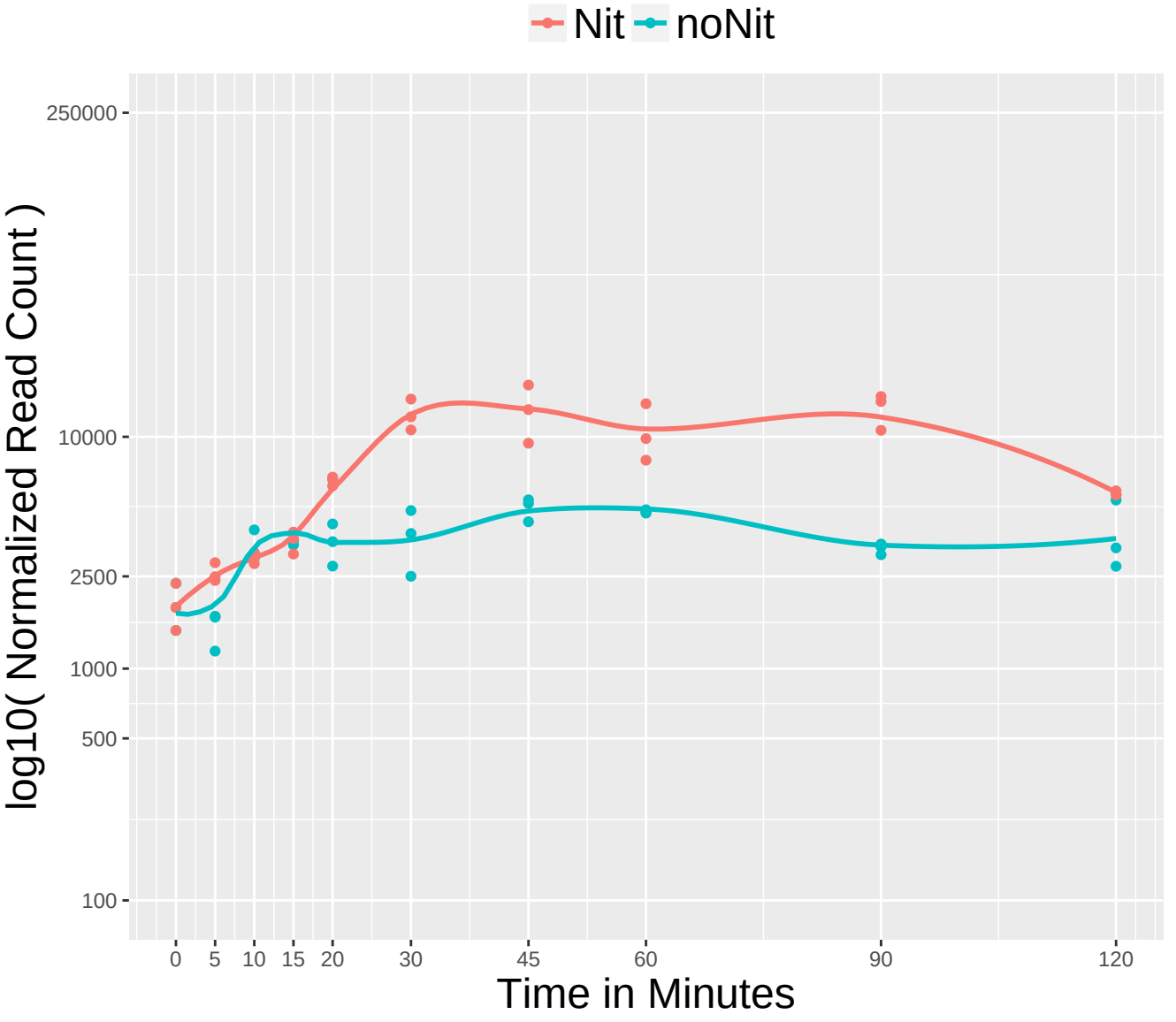

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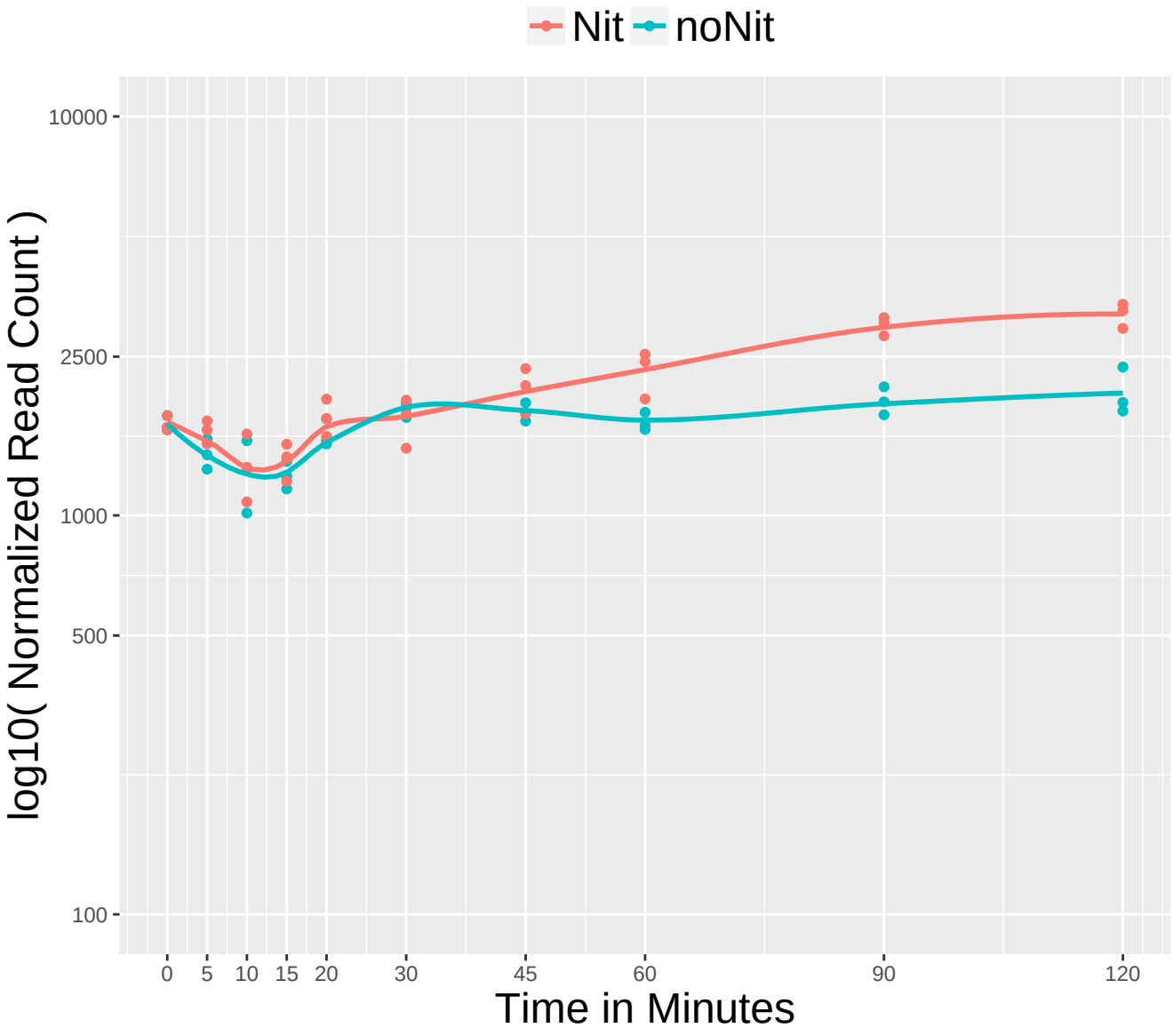

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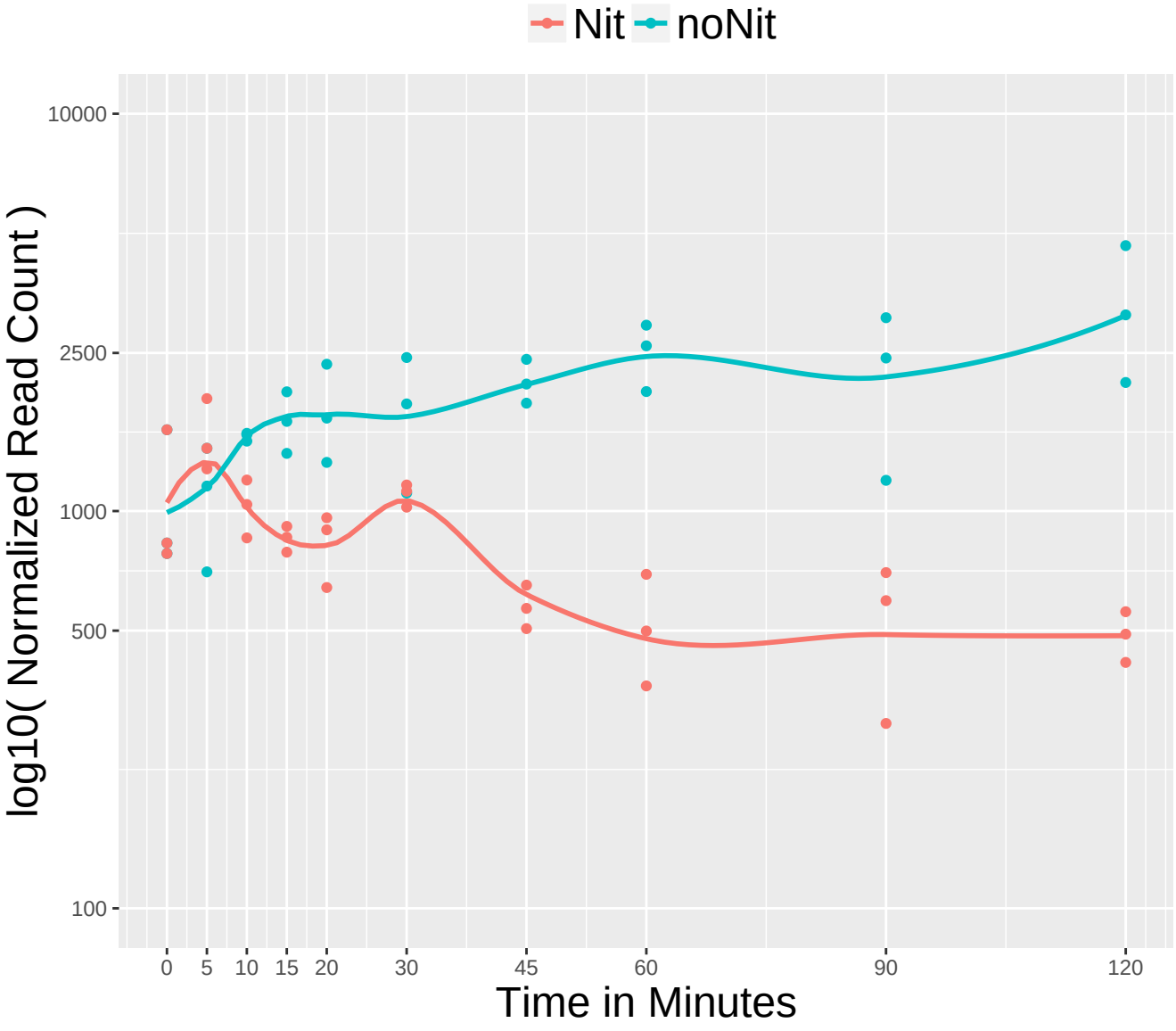

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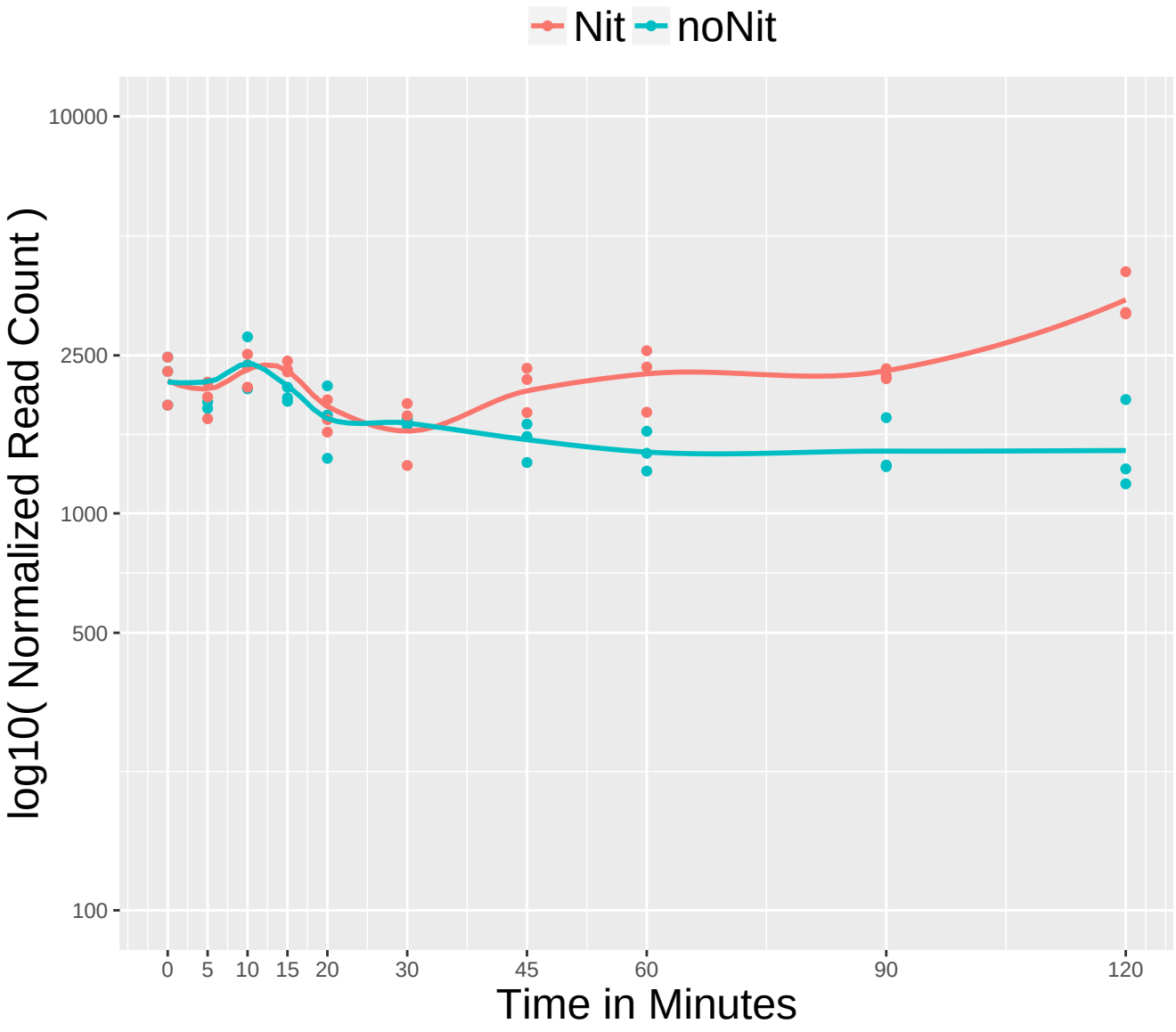
G−H2AX,GAMMA



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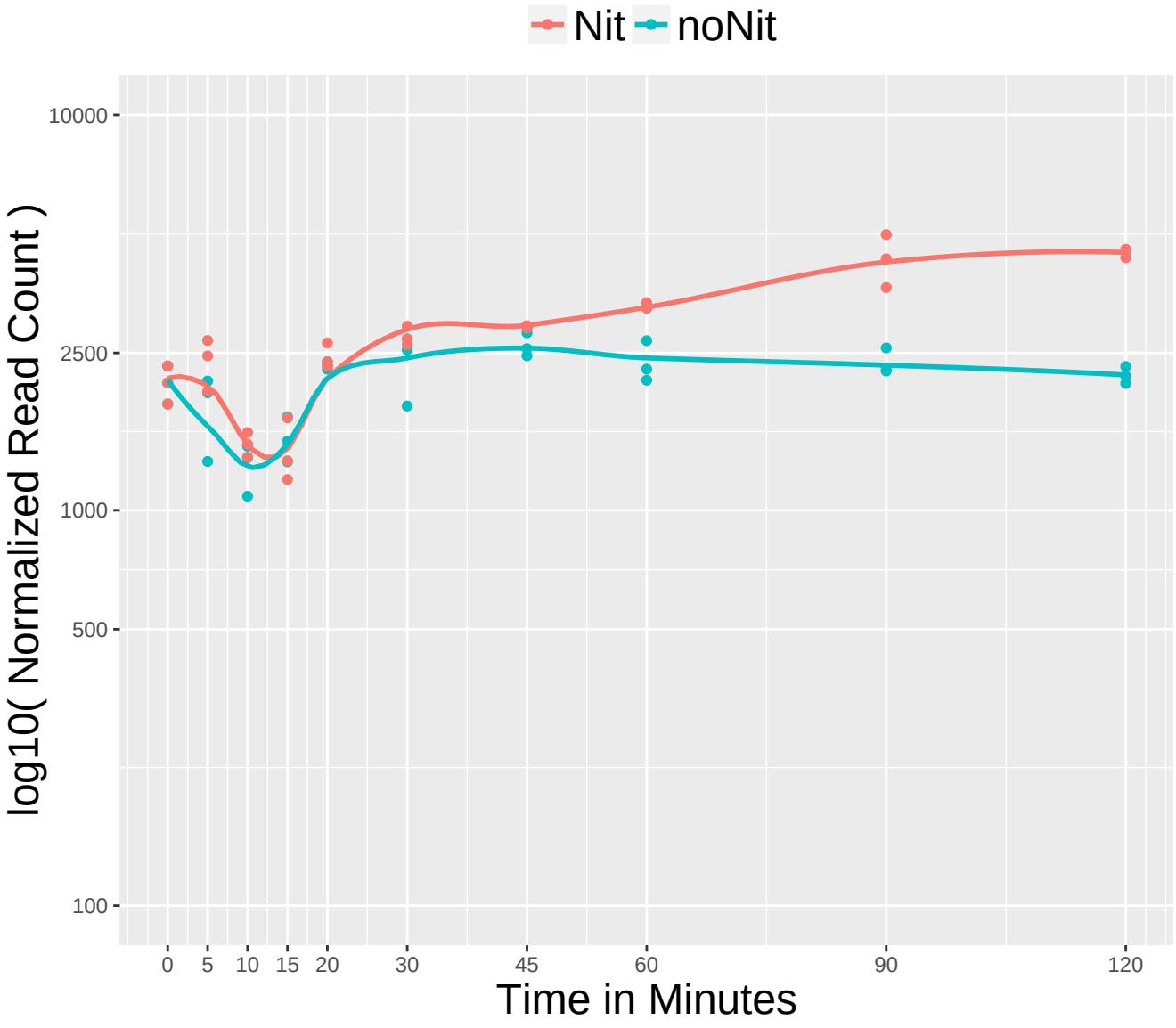
DHAR2,dehydroascorbate



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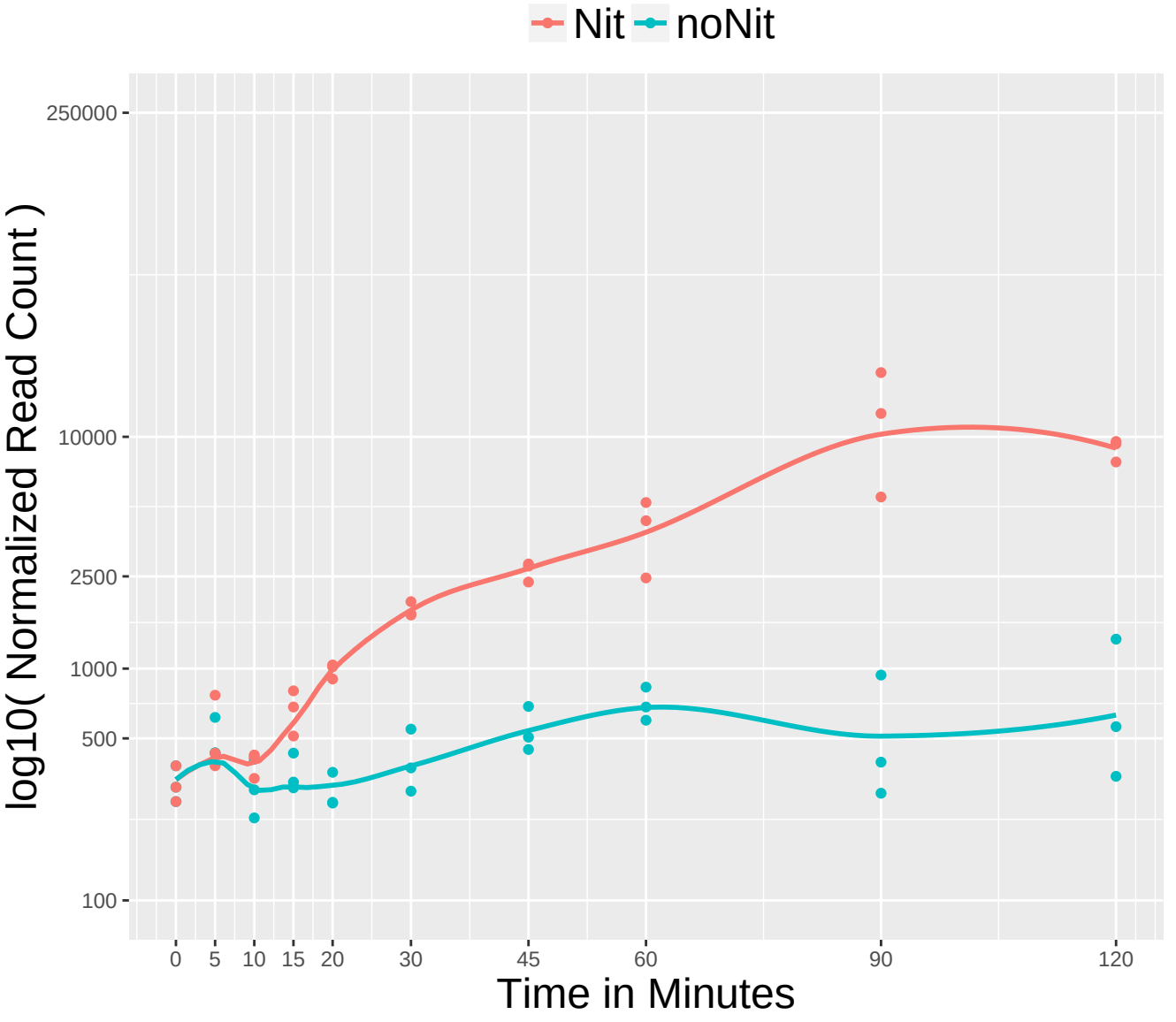
SEL1,SELENATE



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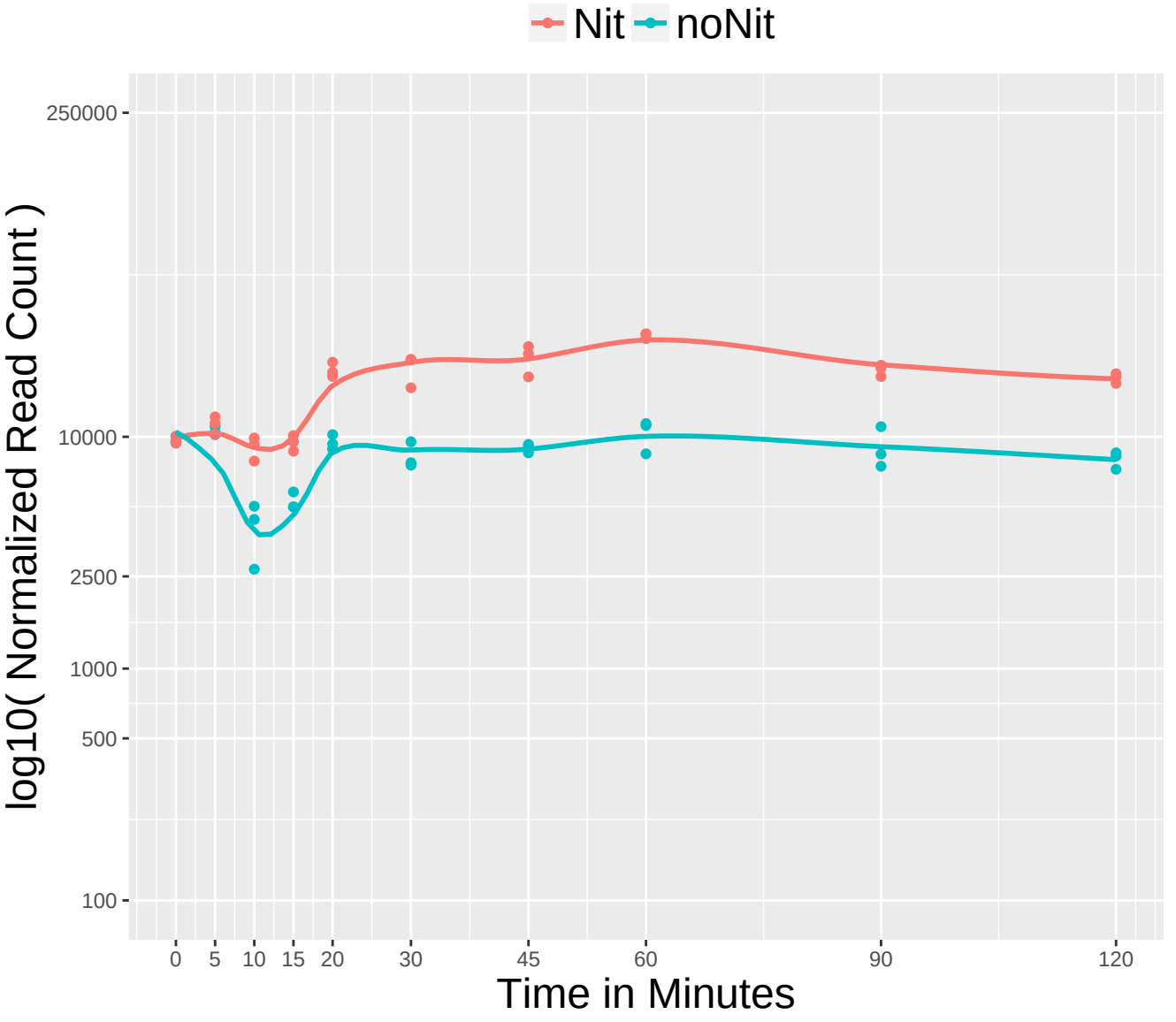

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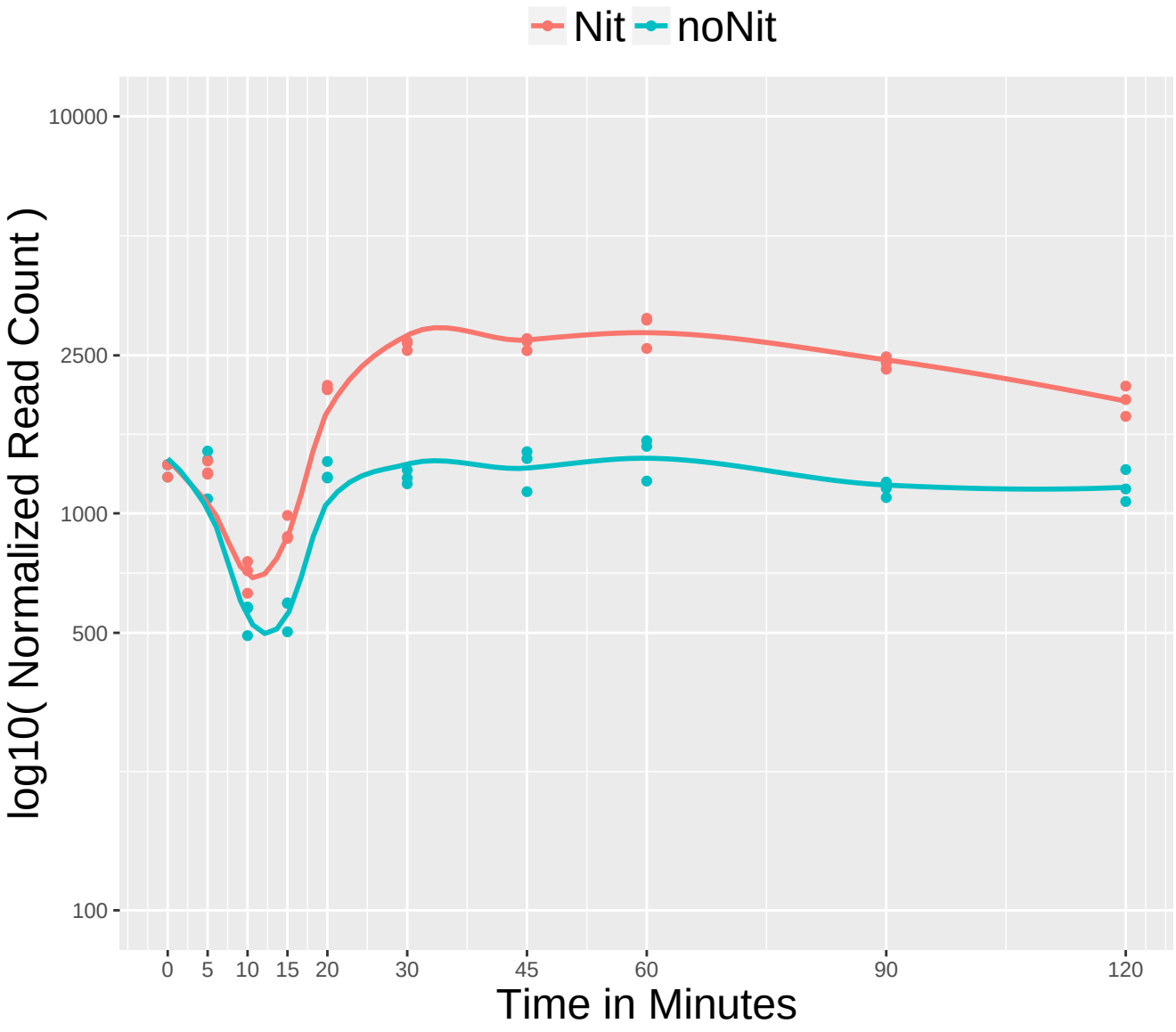

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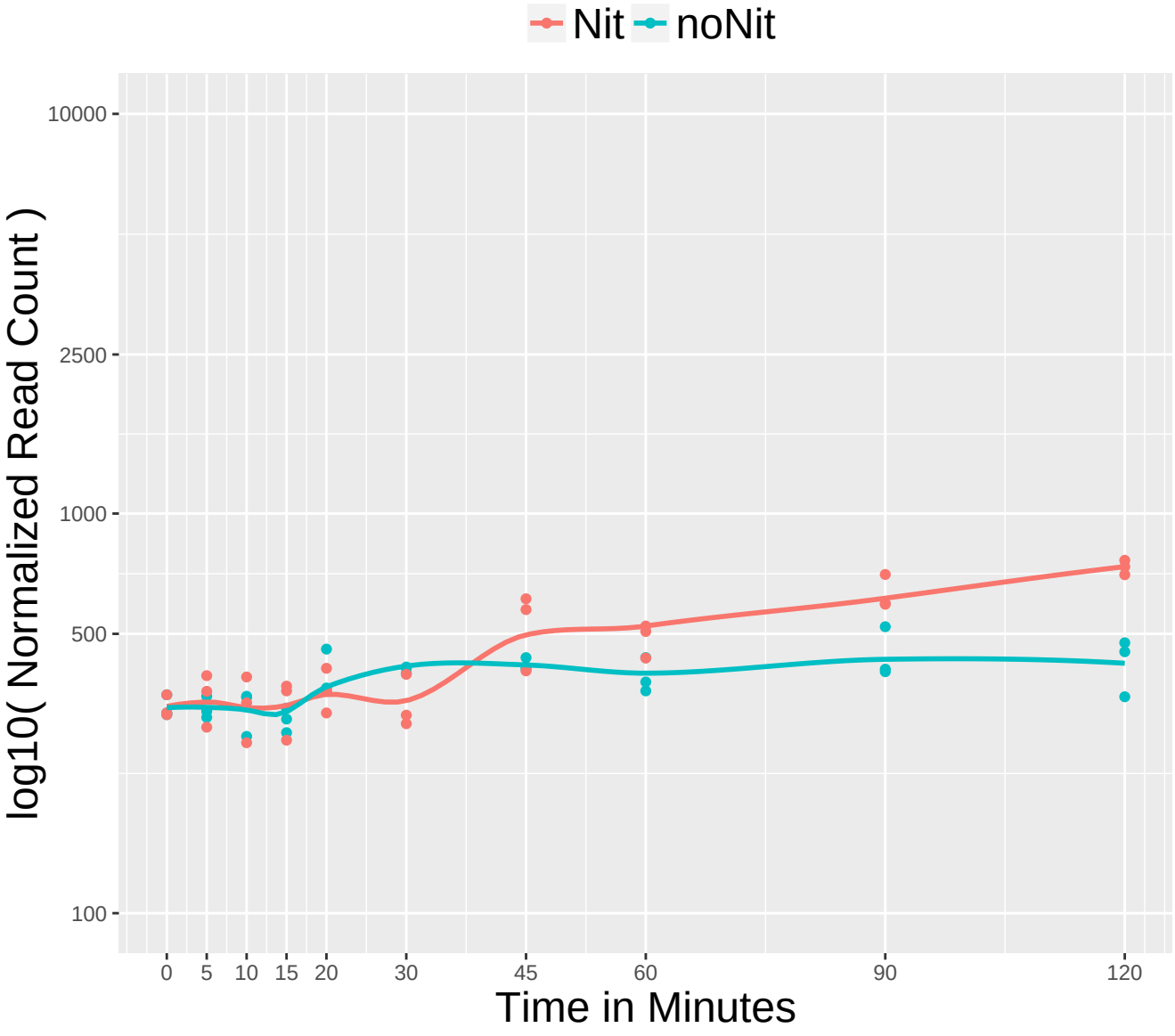

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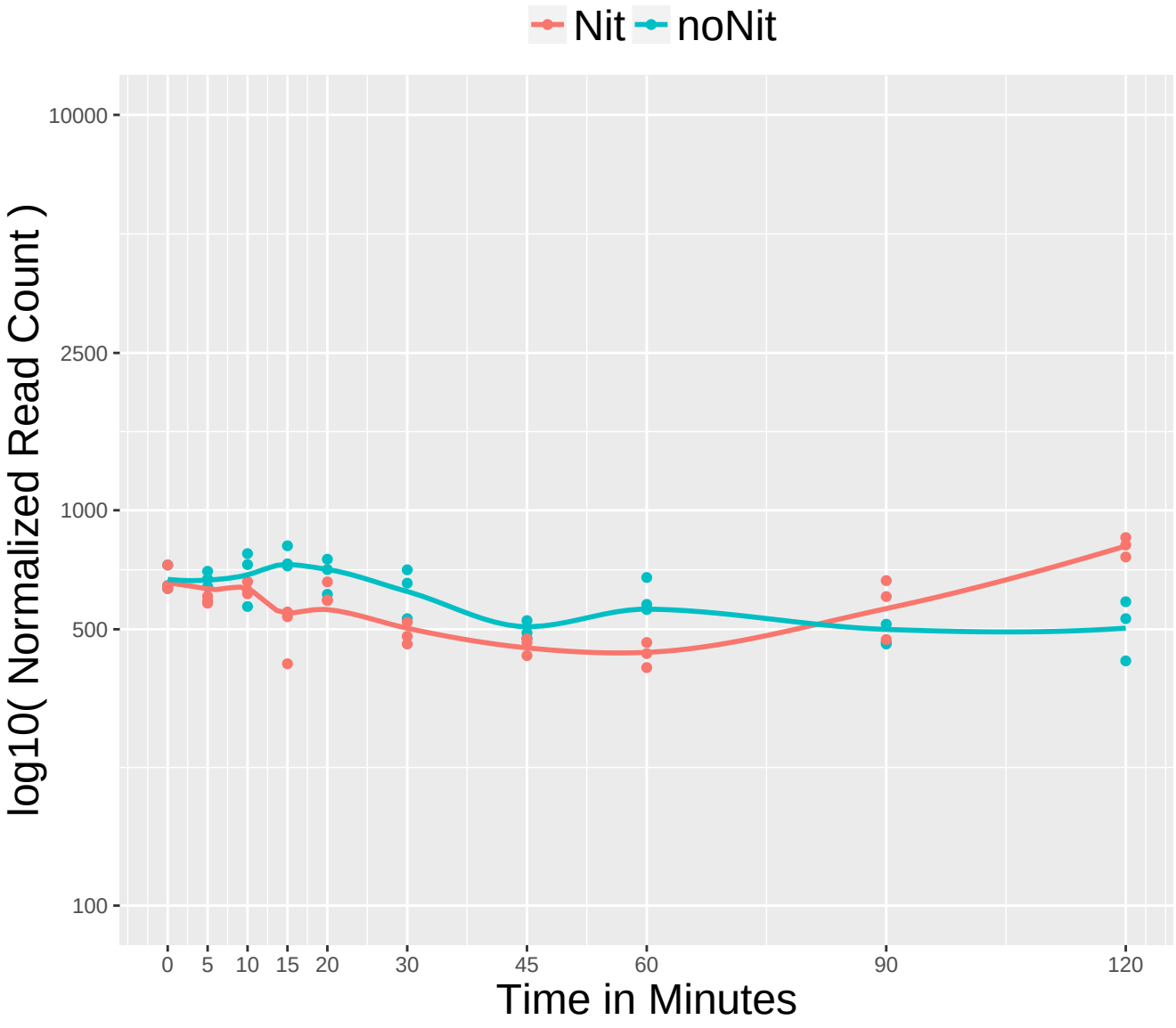
S−adenosyl−L−methionine−dependent



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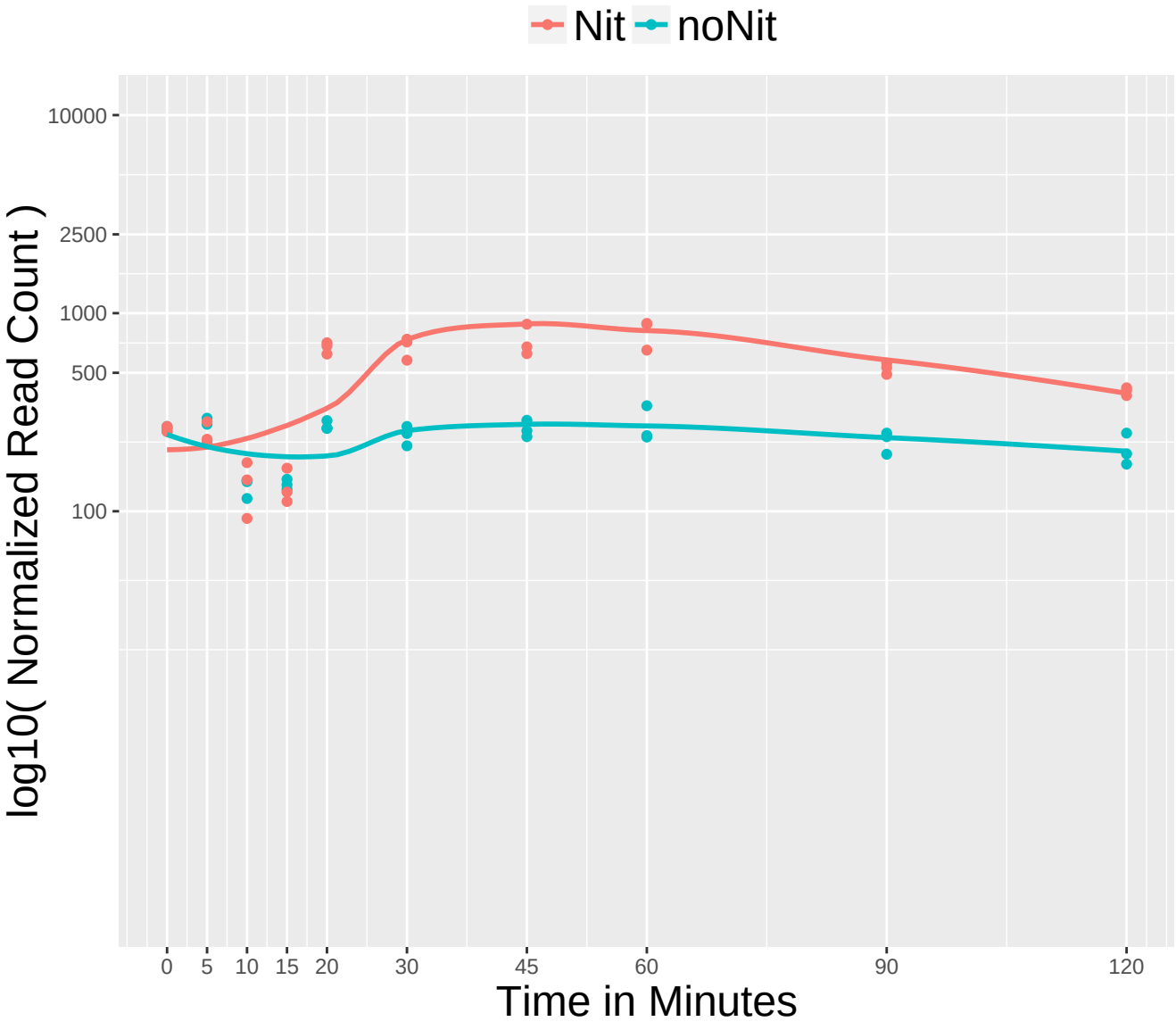
CDS4,cytidinediphosphate



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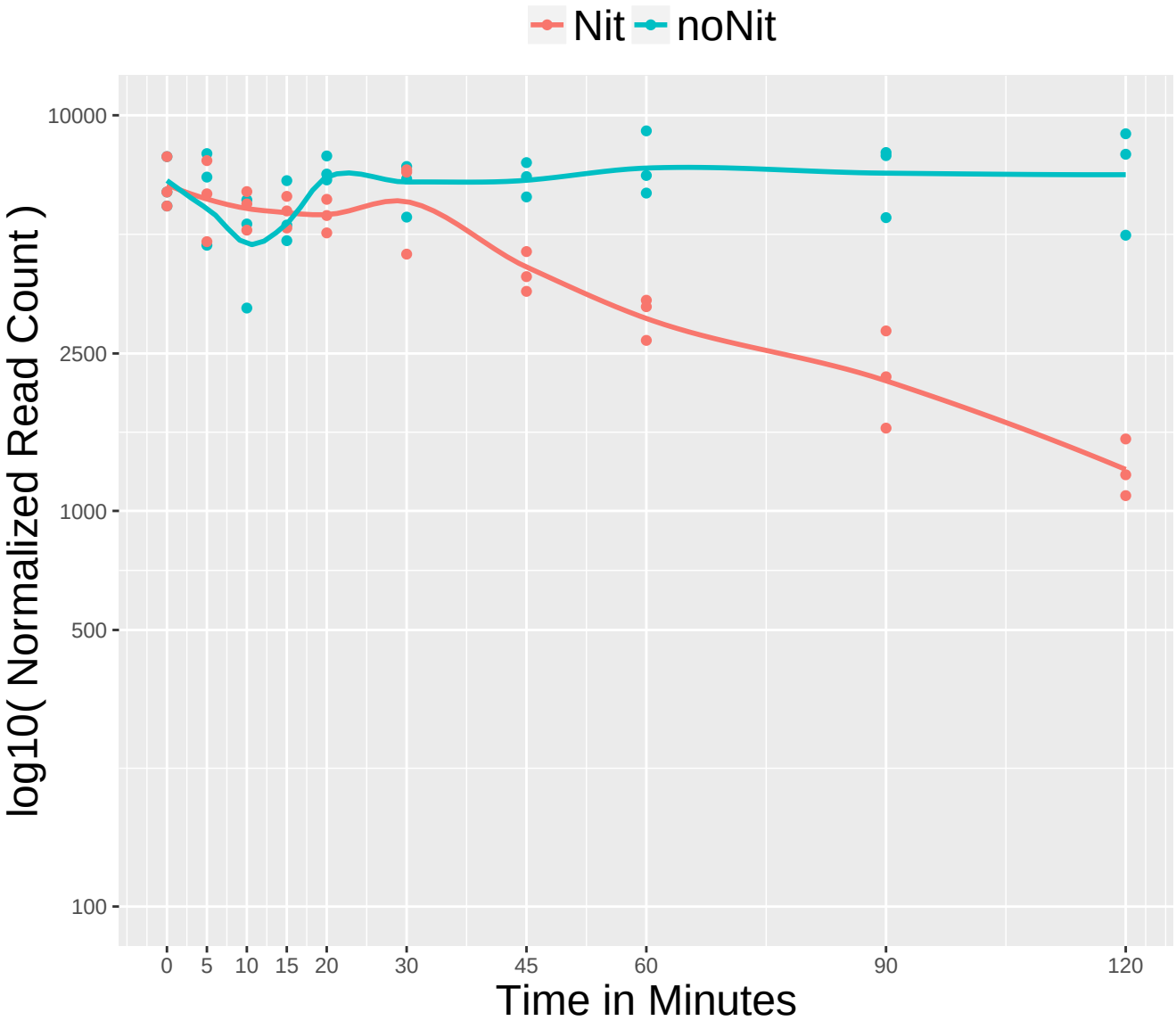
GDH3,glutamate



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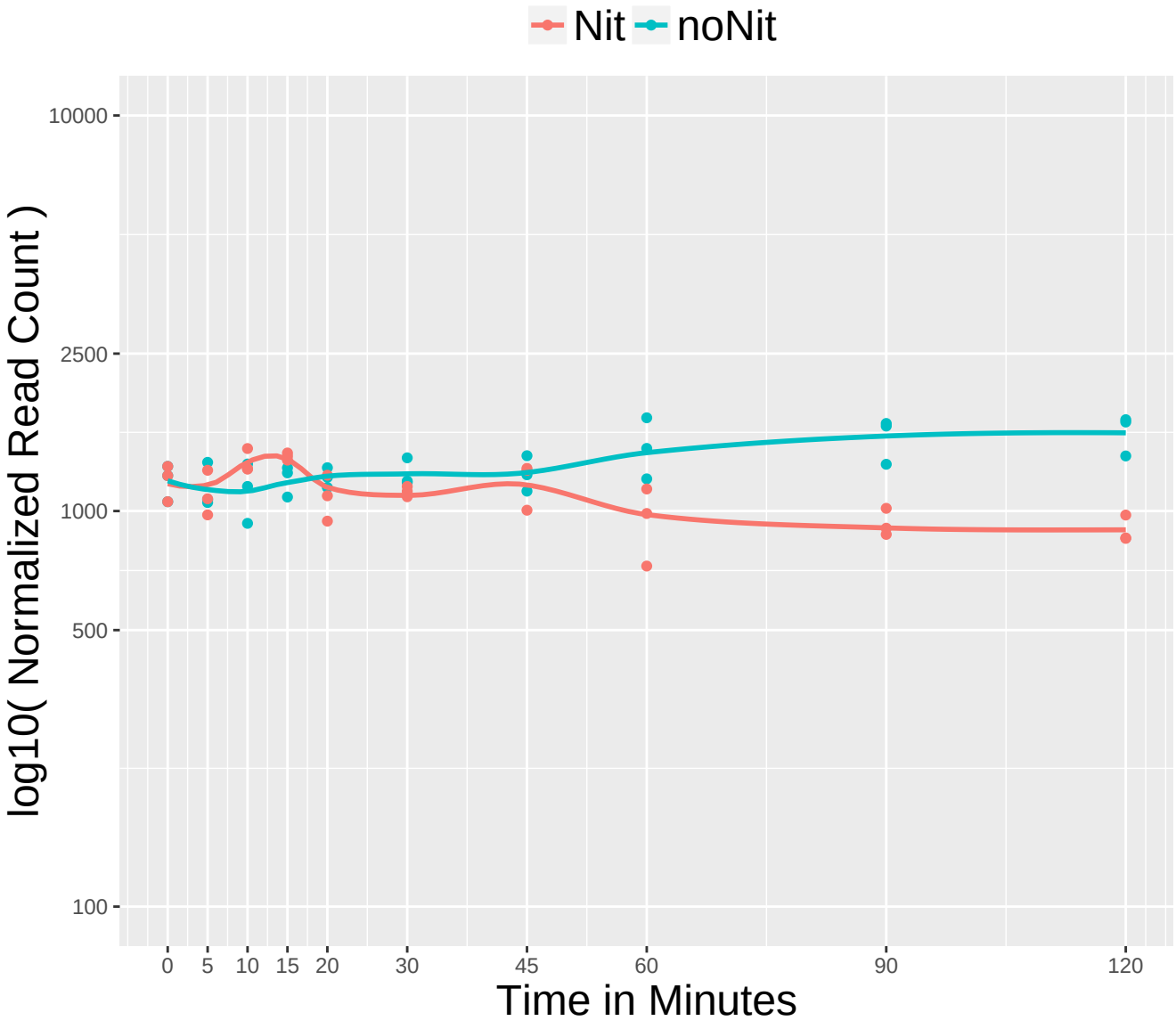
P−loop



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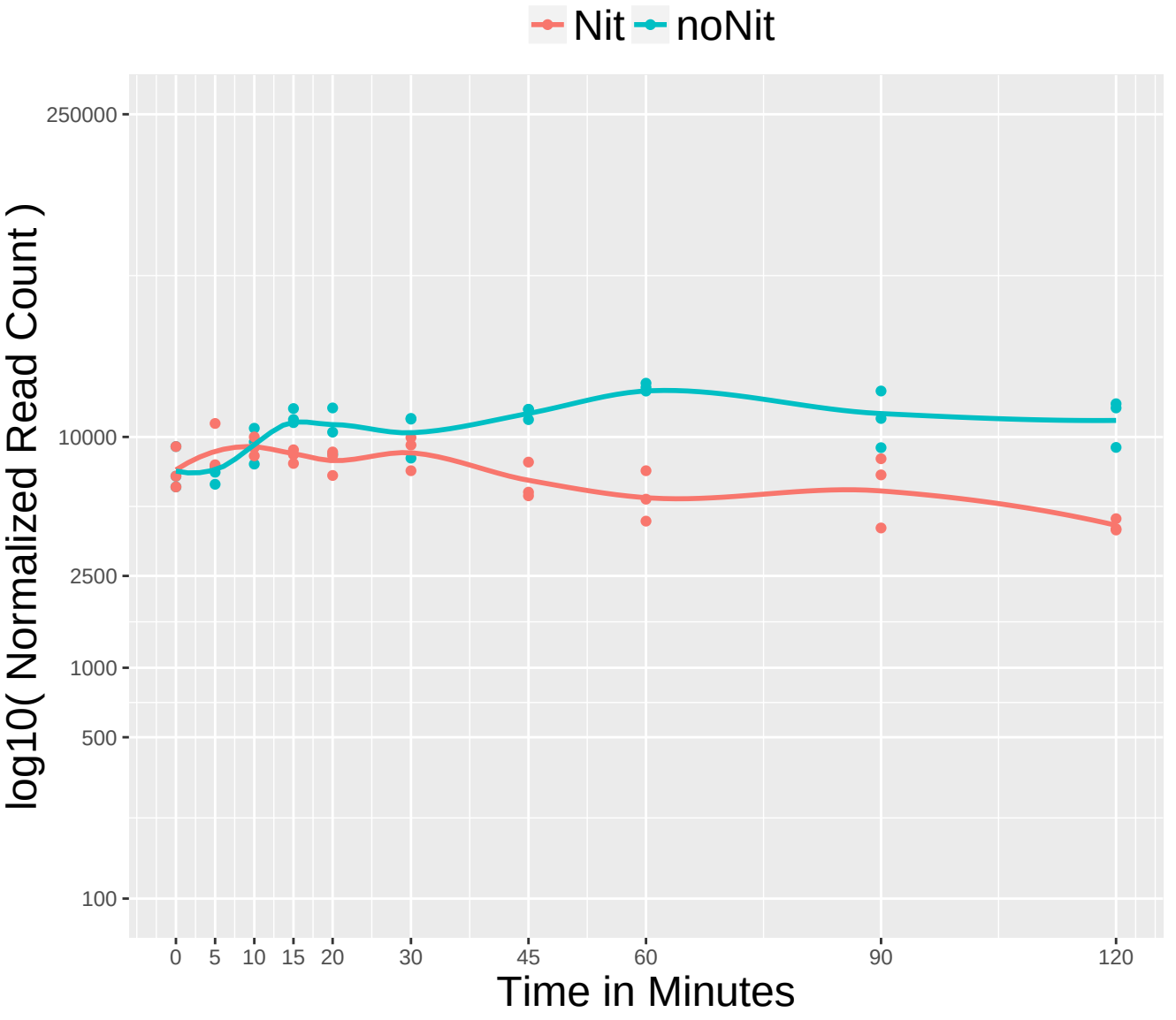
ABCA7,ATP−binding



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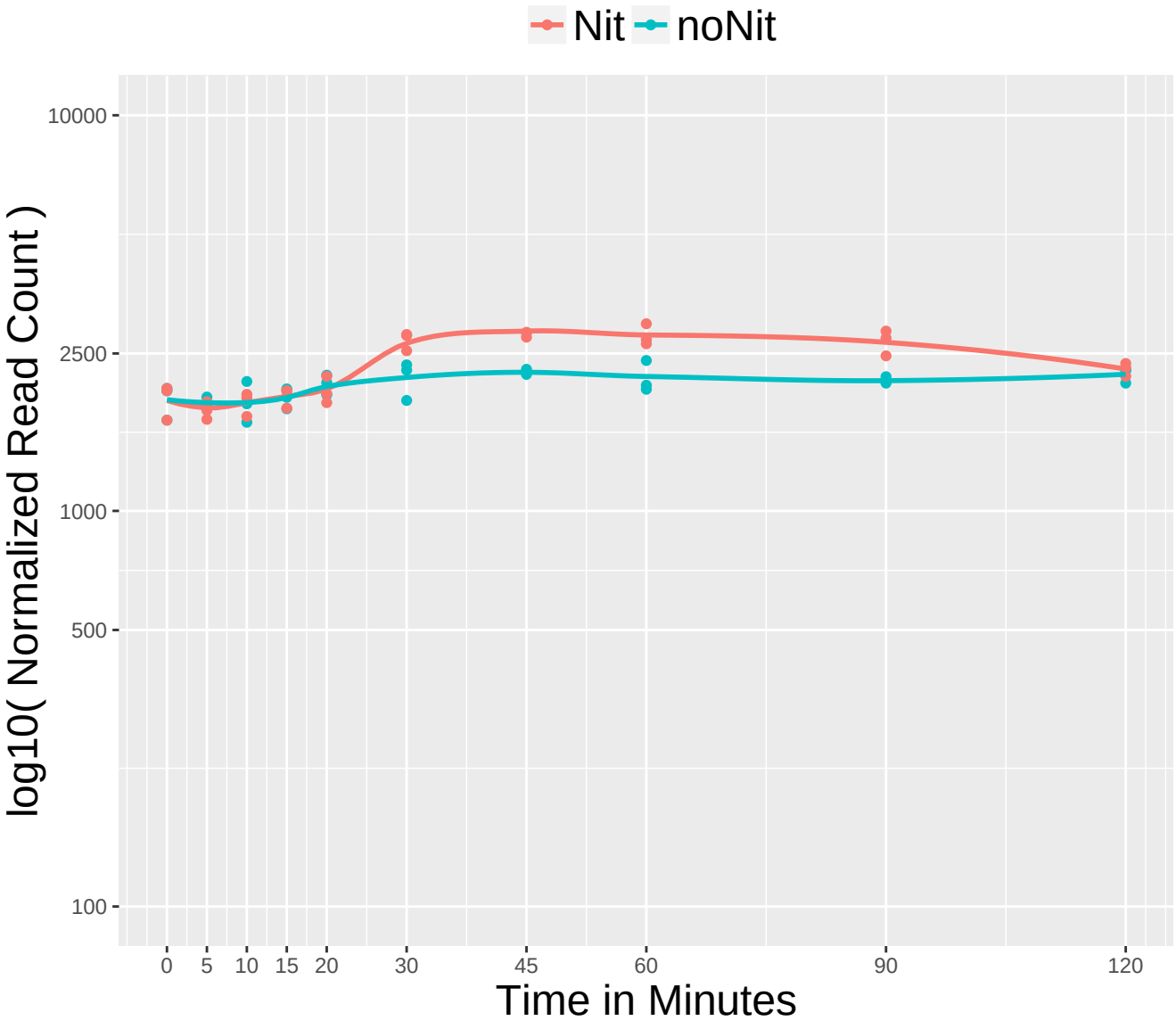
CID10,CTC−interacting



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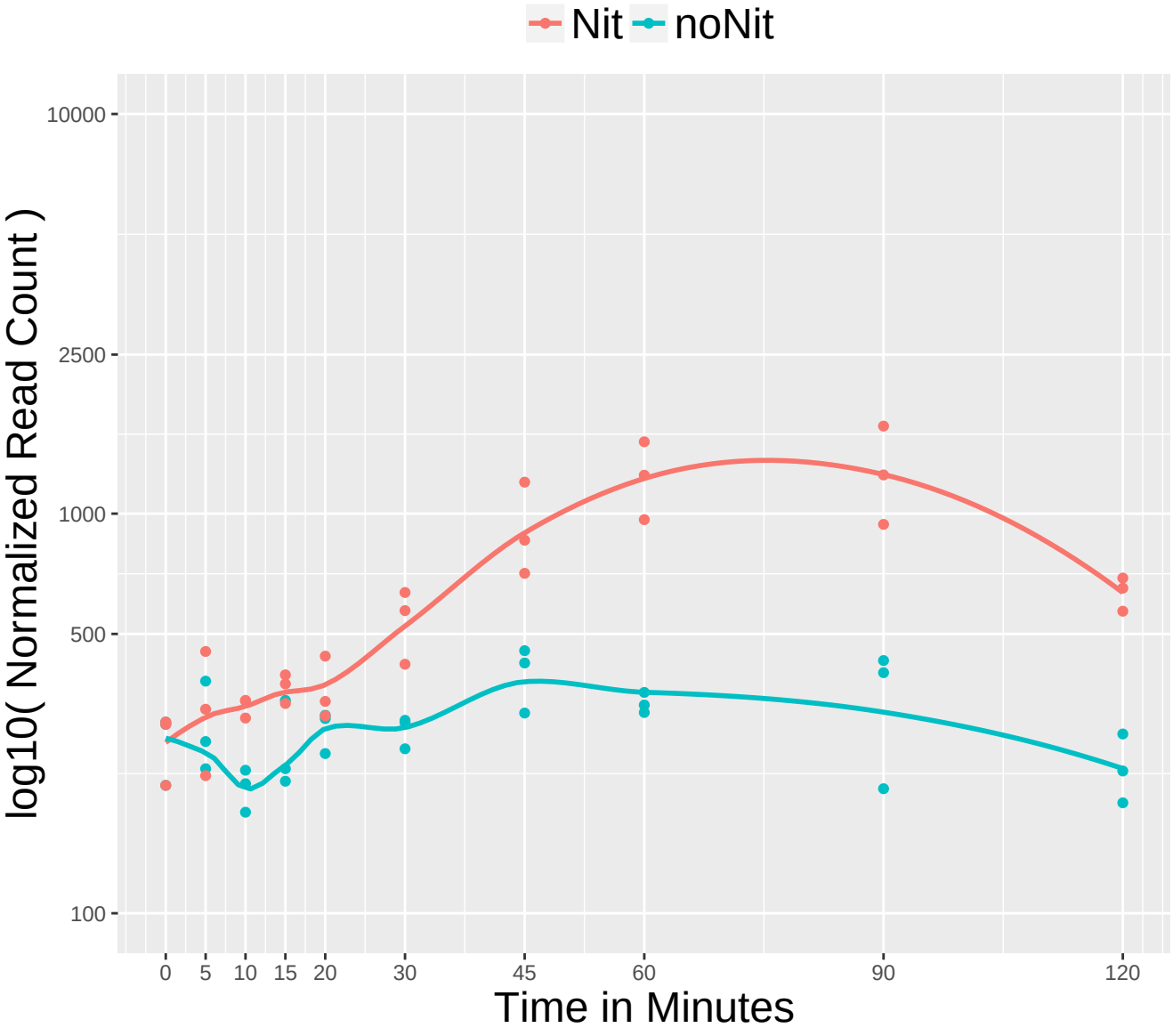
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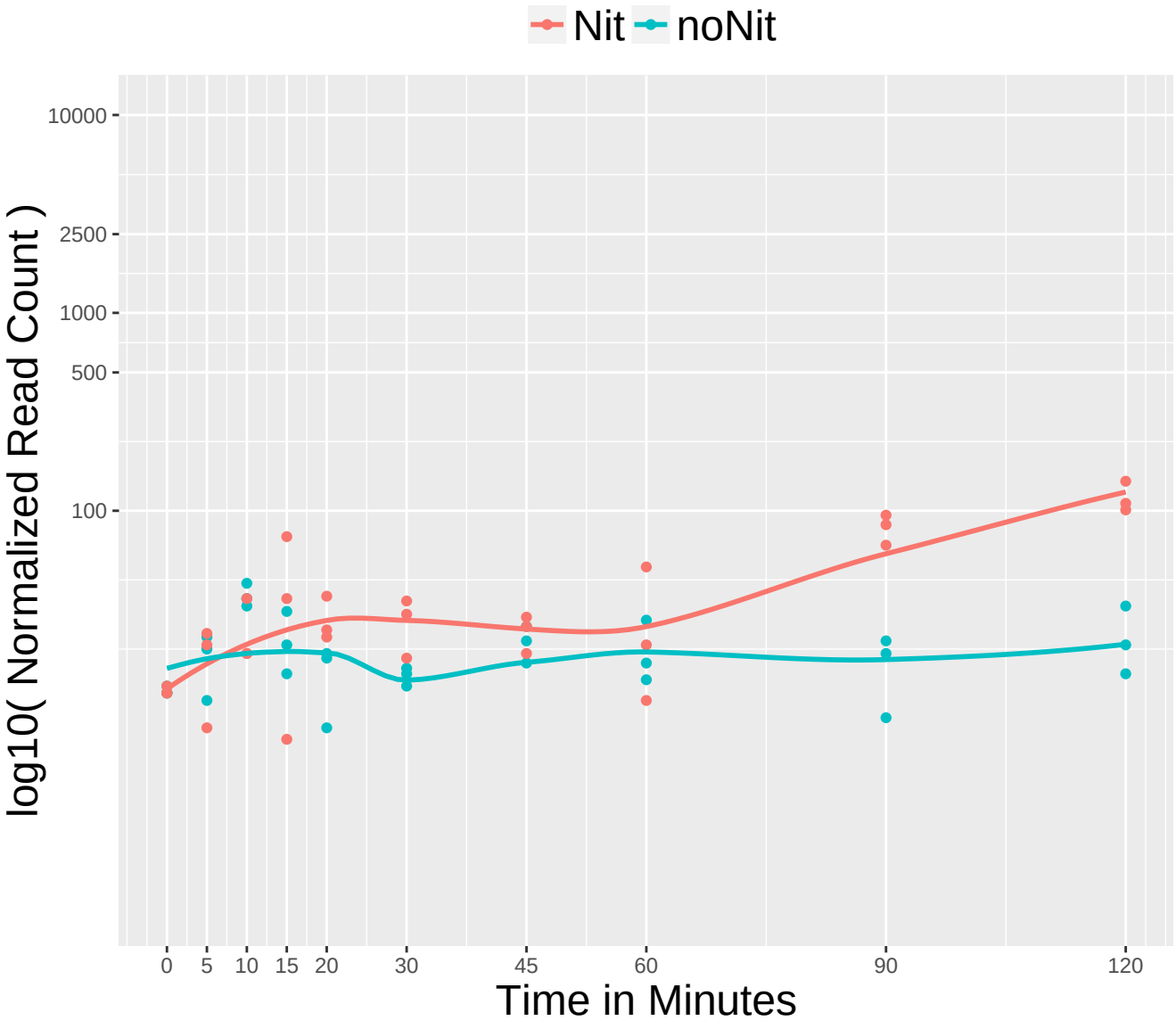
UMAMIT33,Usually



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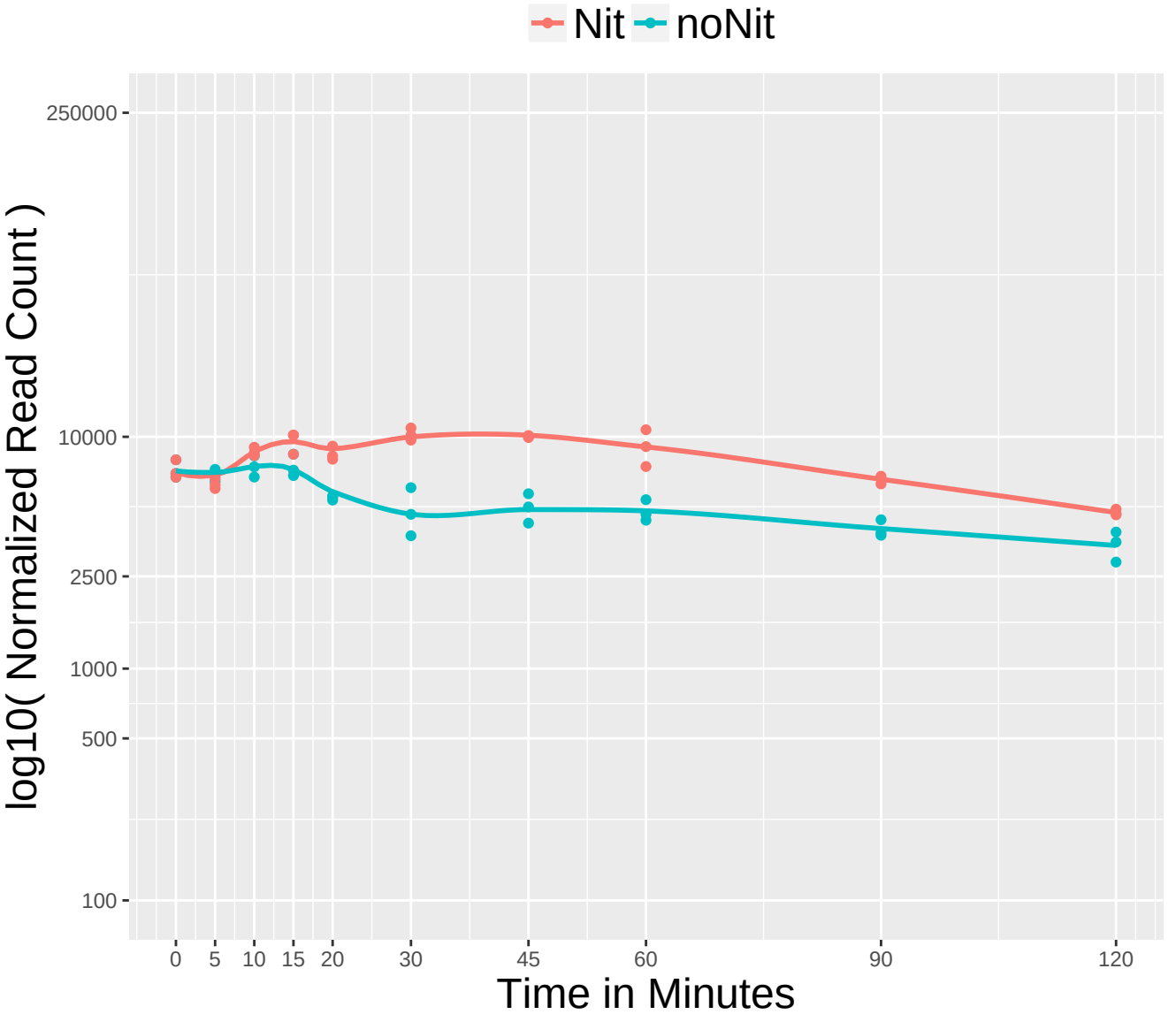

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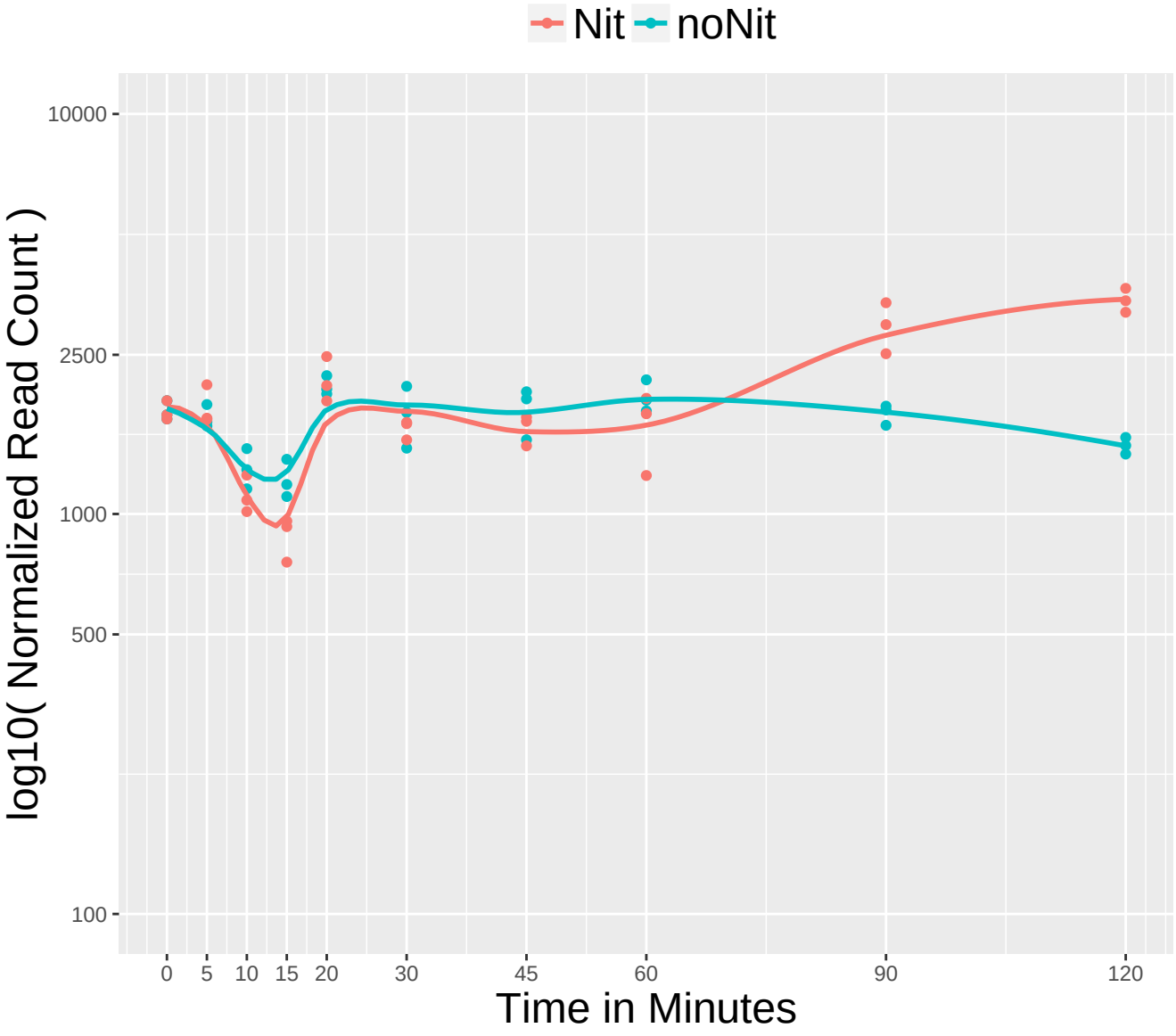
F−box



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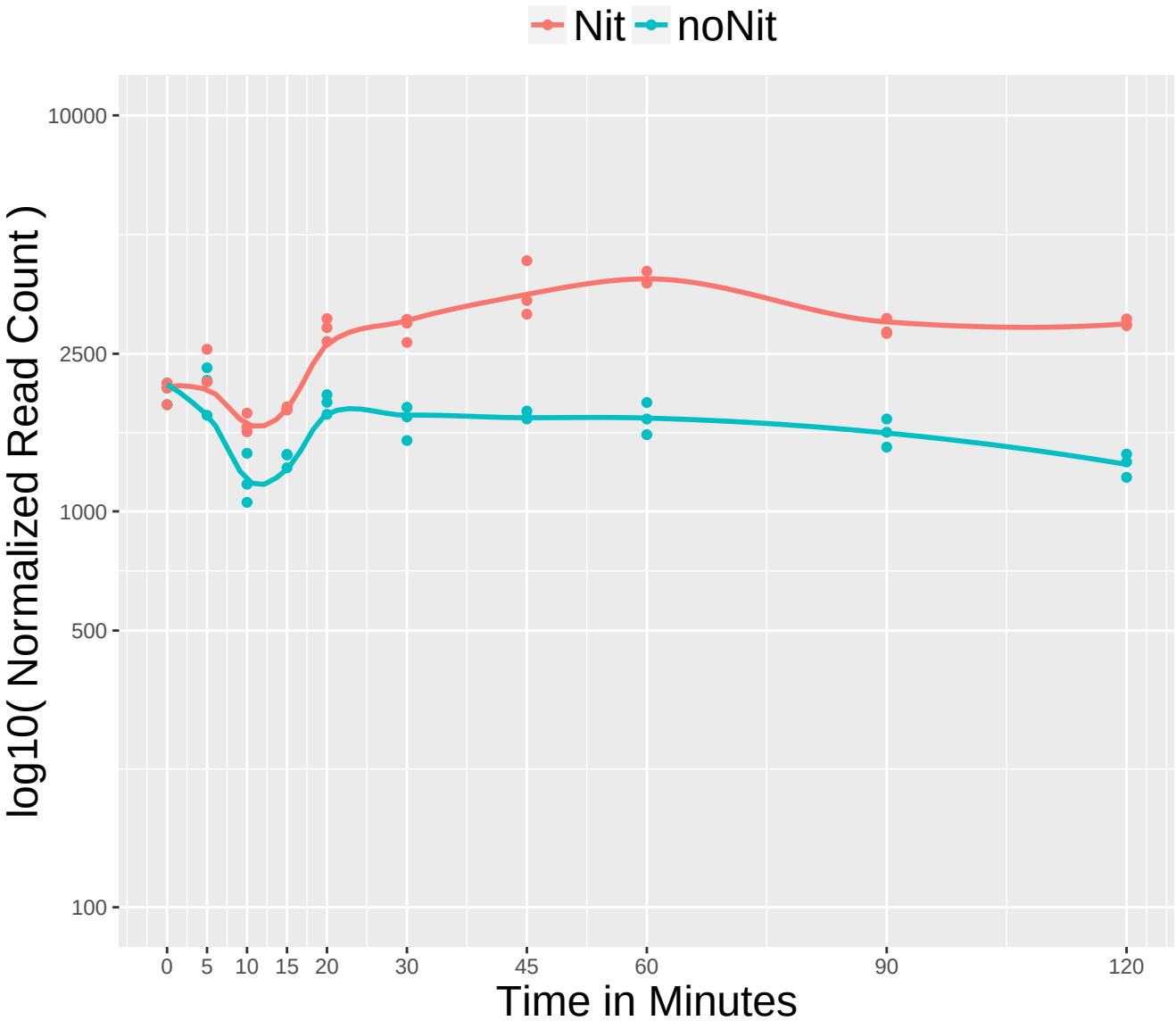
UBC18,ubiquitin−conjugating



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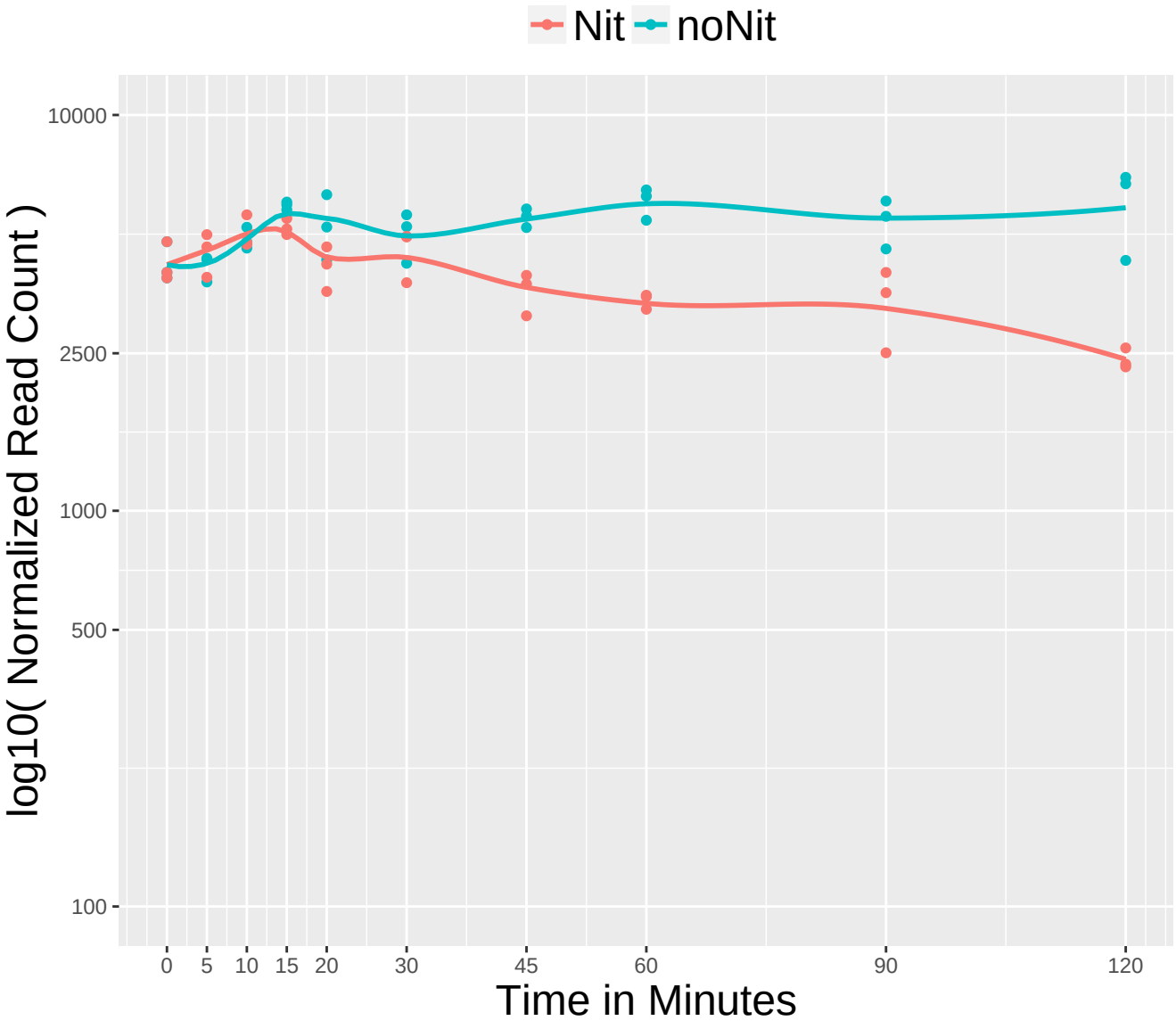

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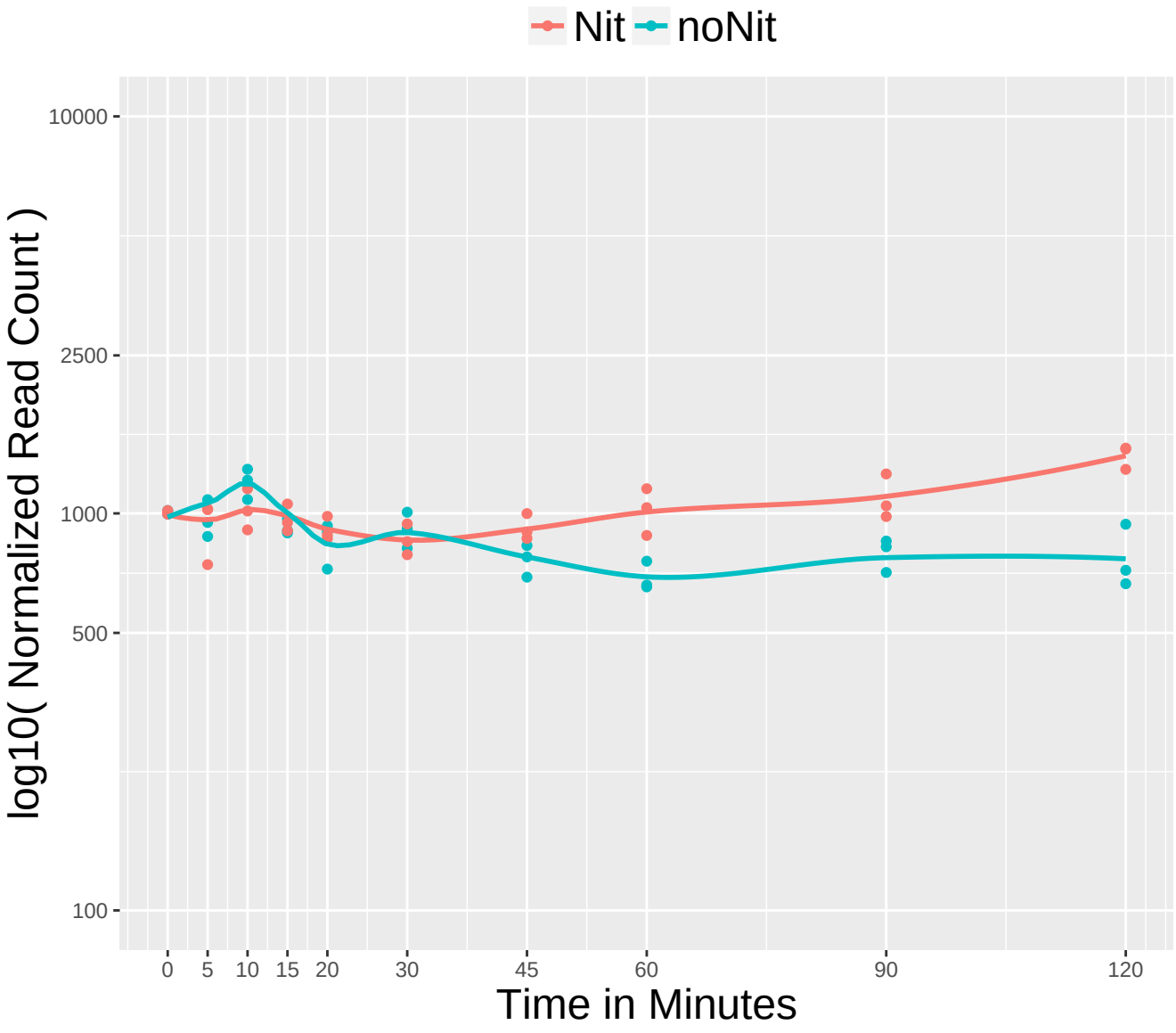

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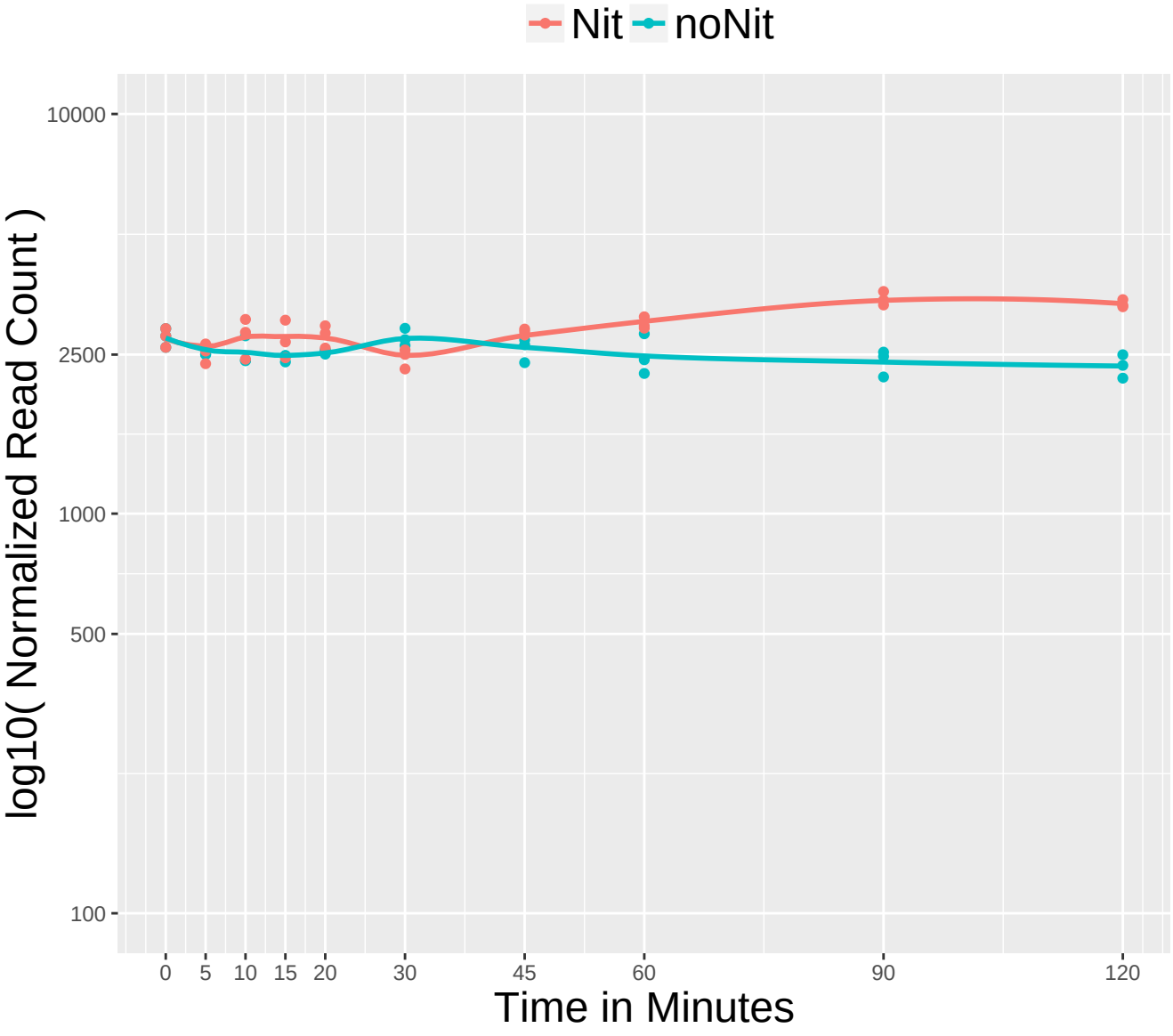
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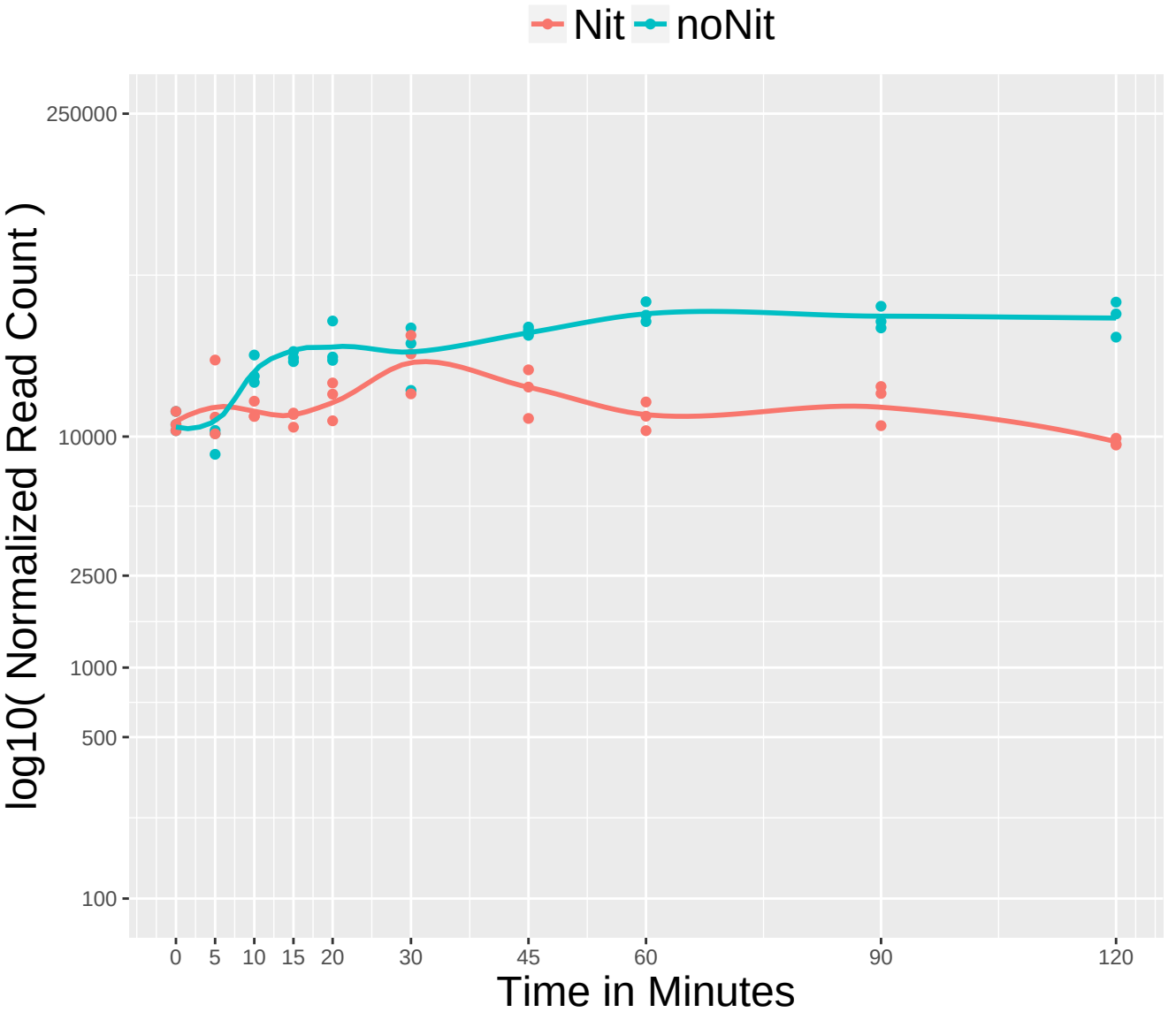
RD21,responsive



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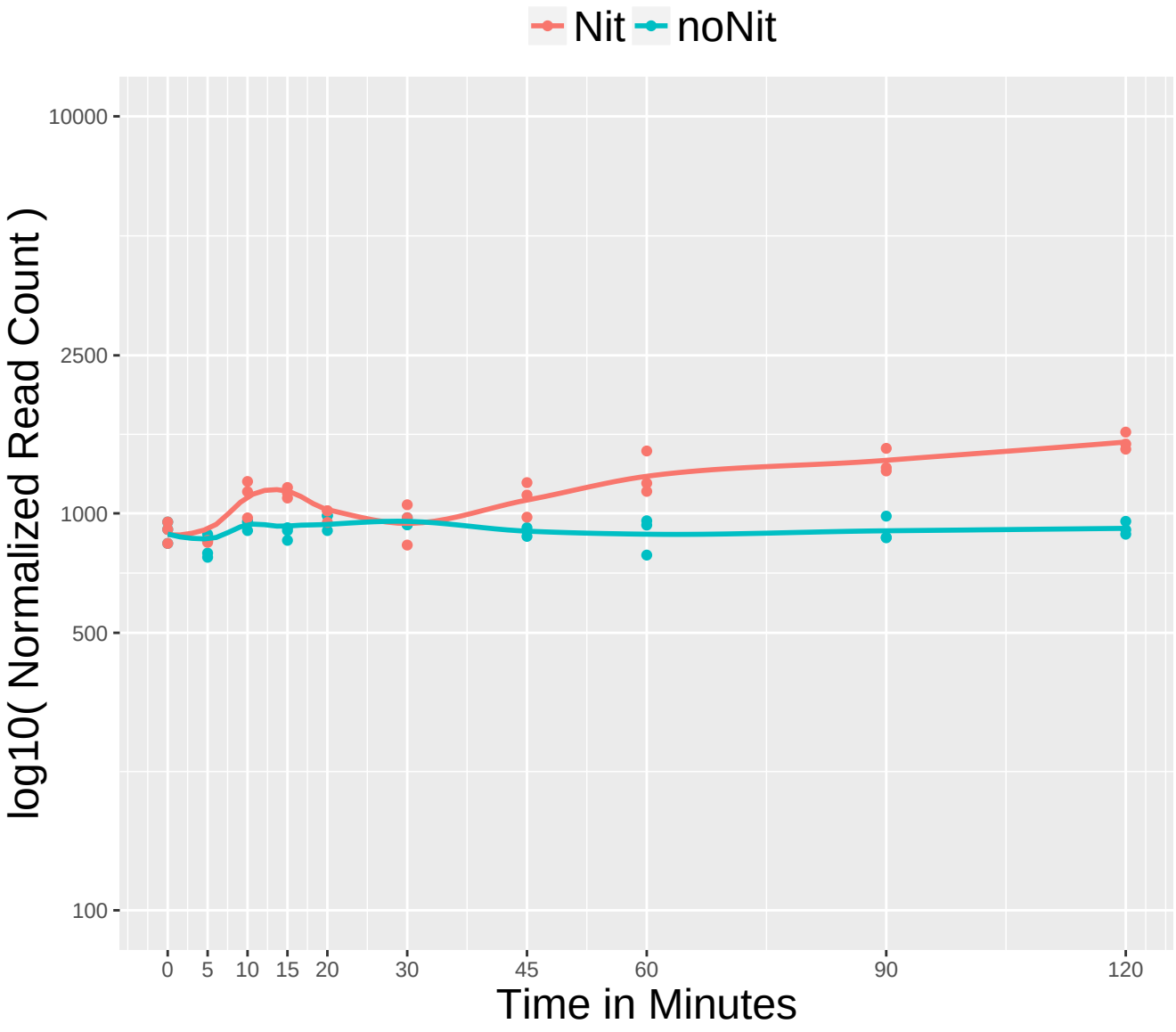

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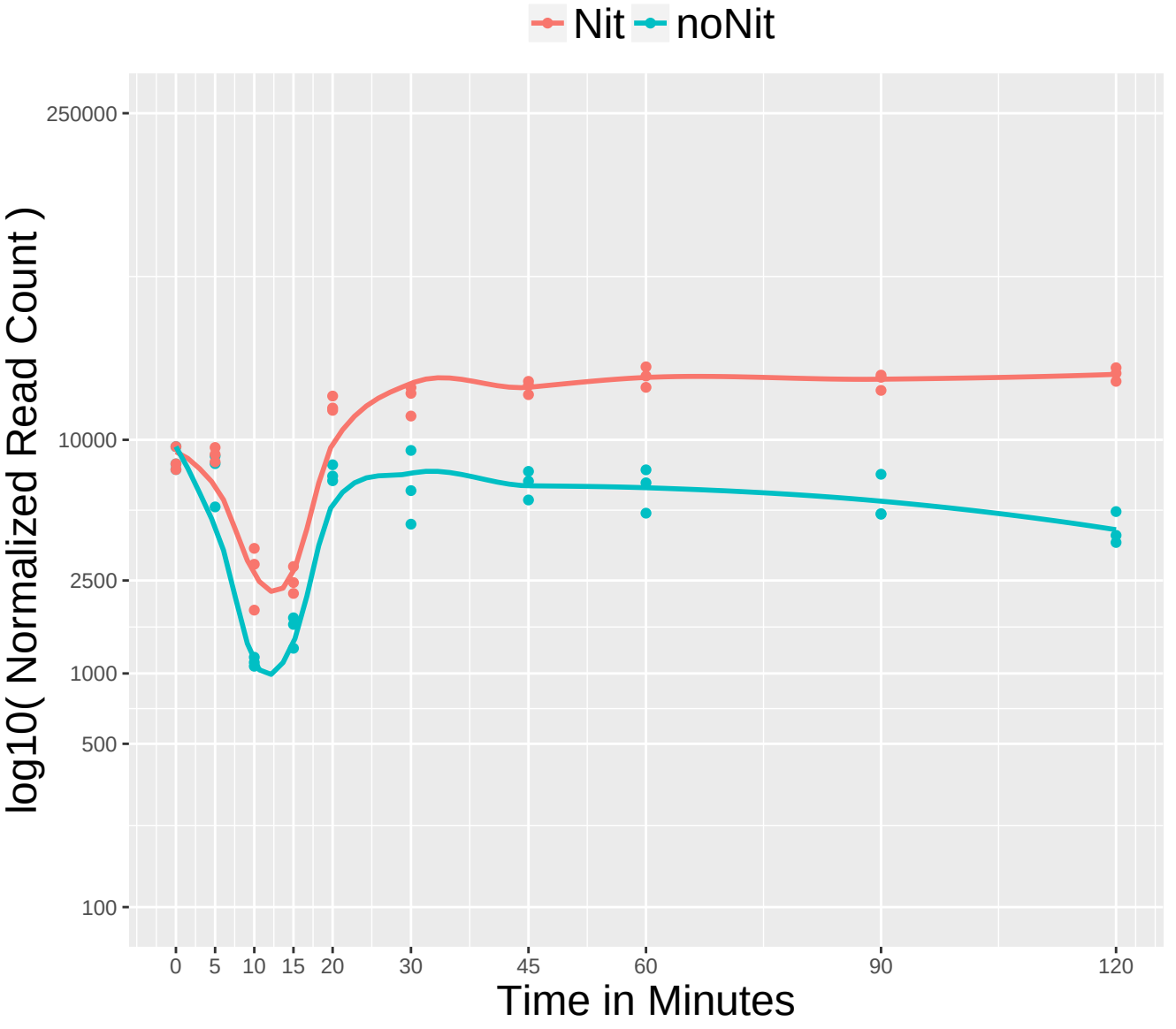
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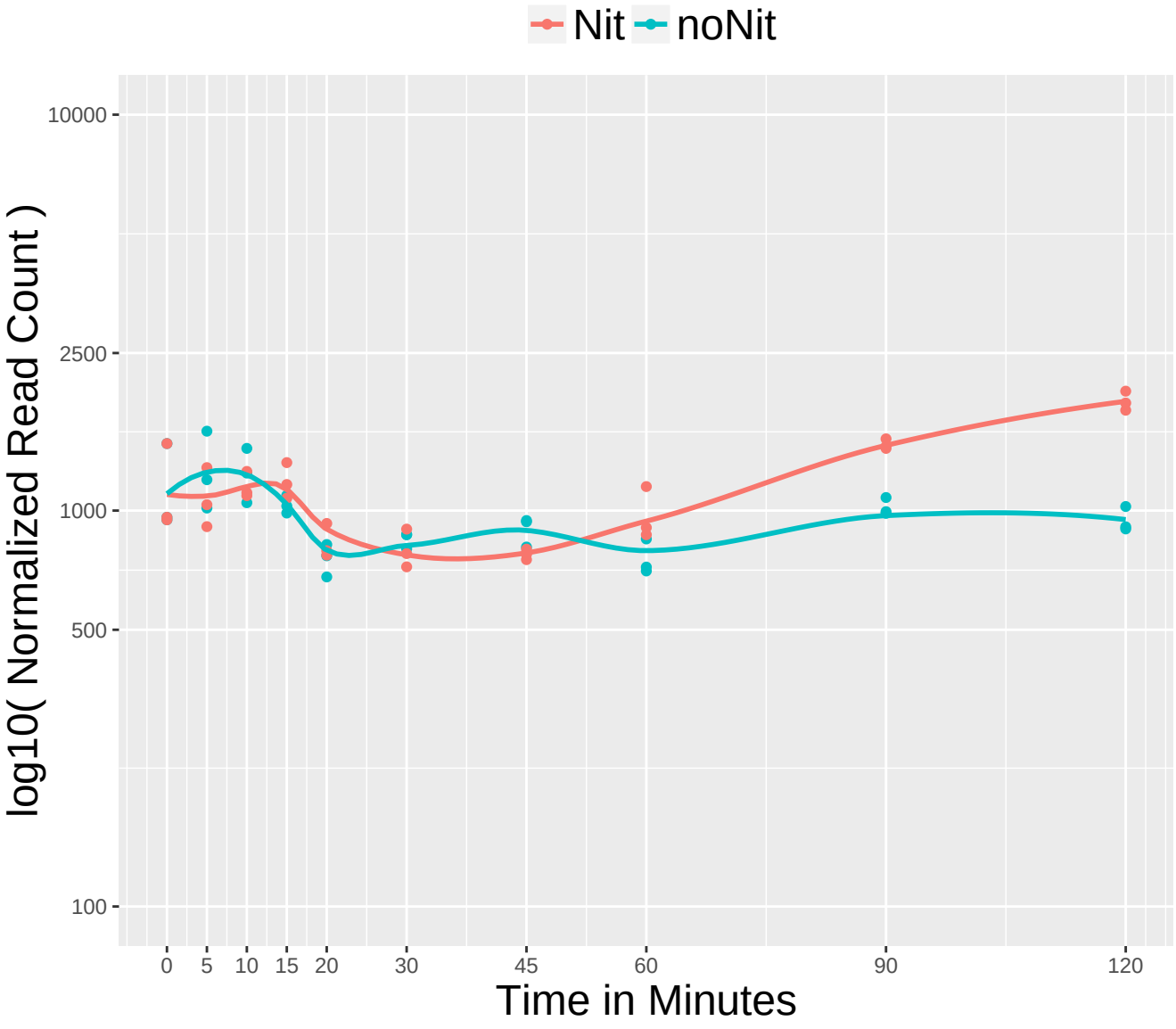
AtPP2−B1,phloem



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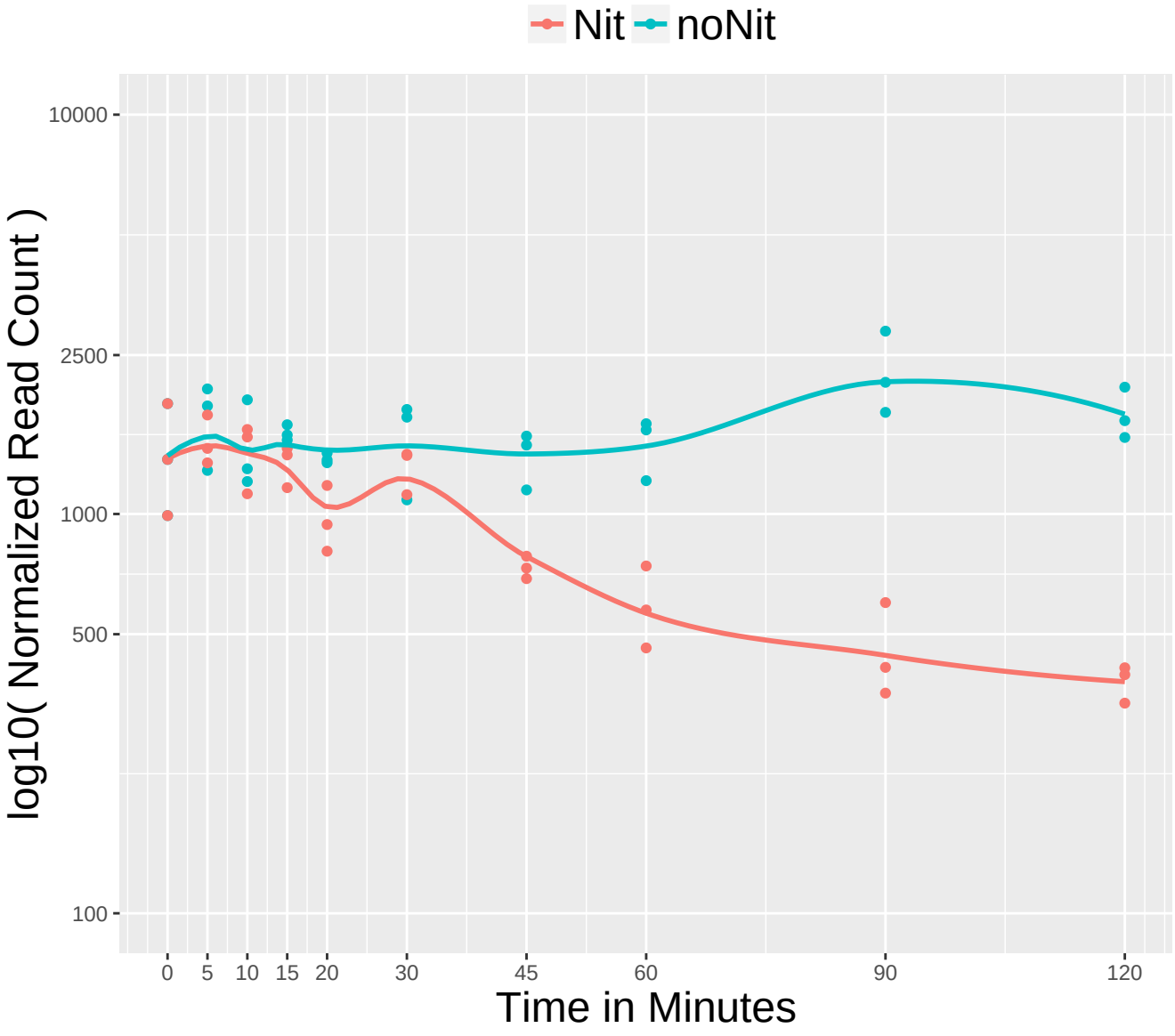

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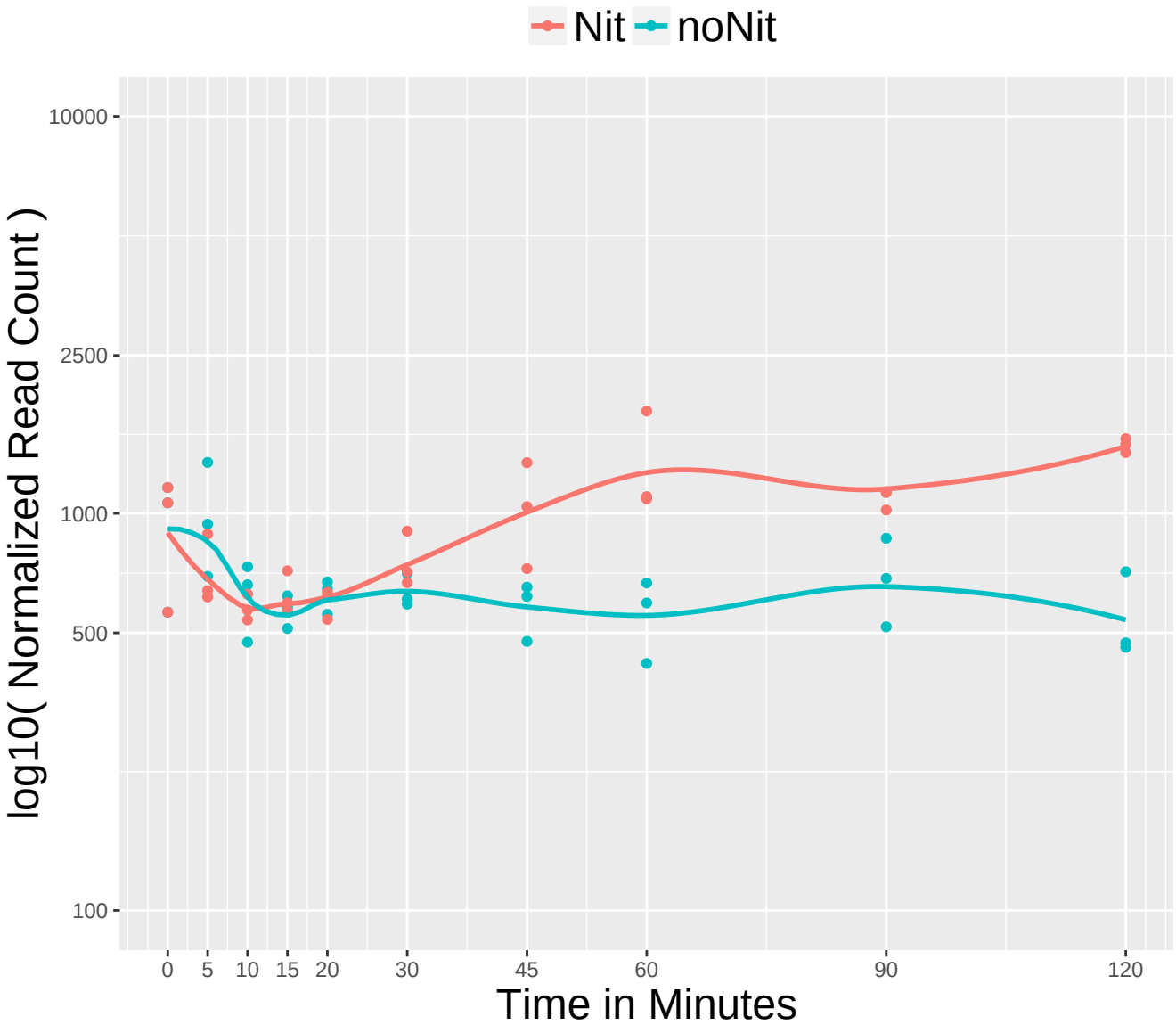

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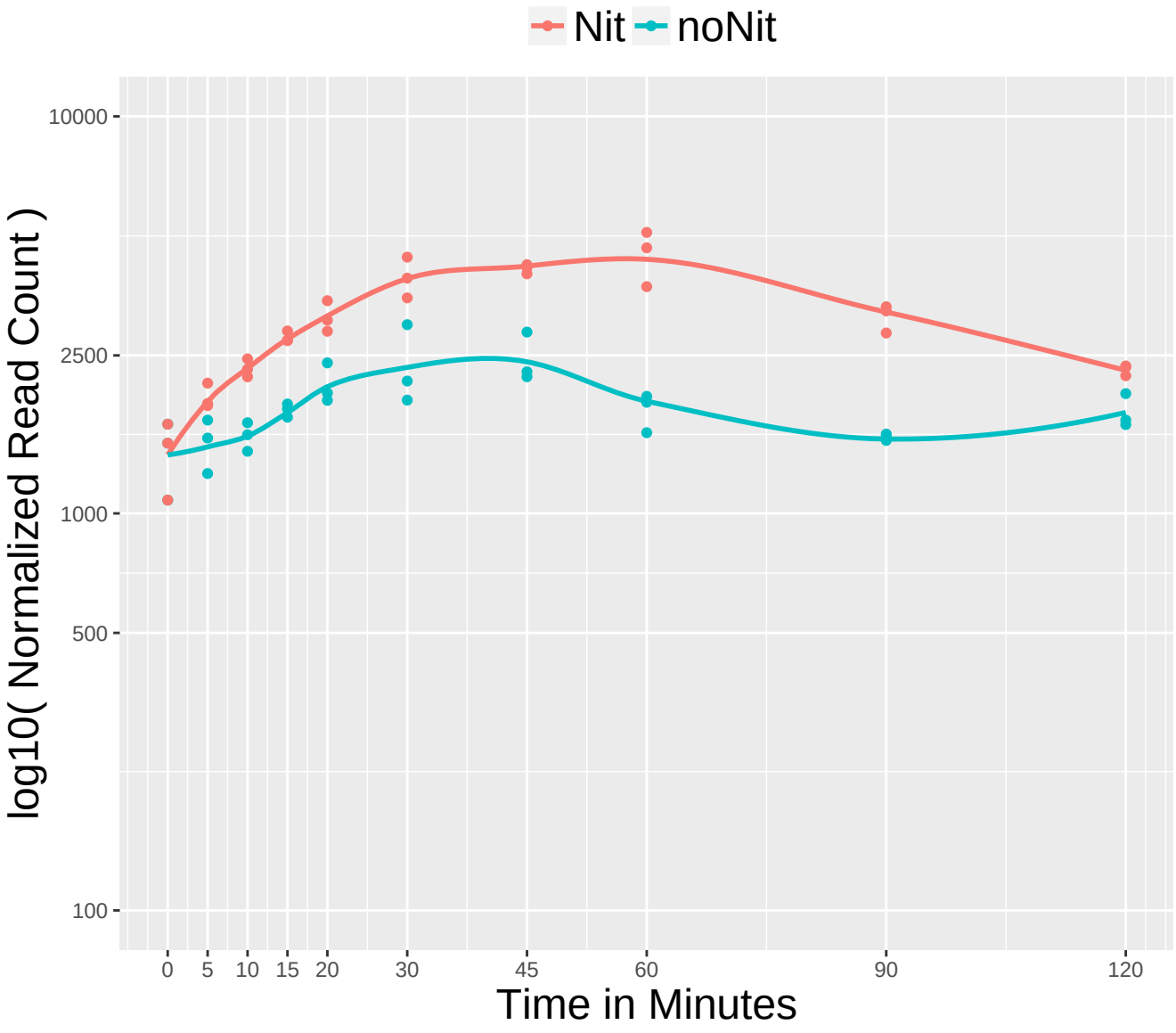
AOC3,allene



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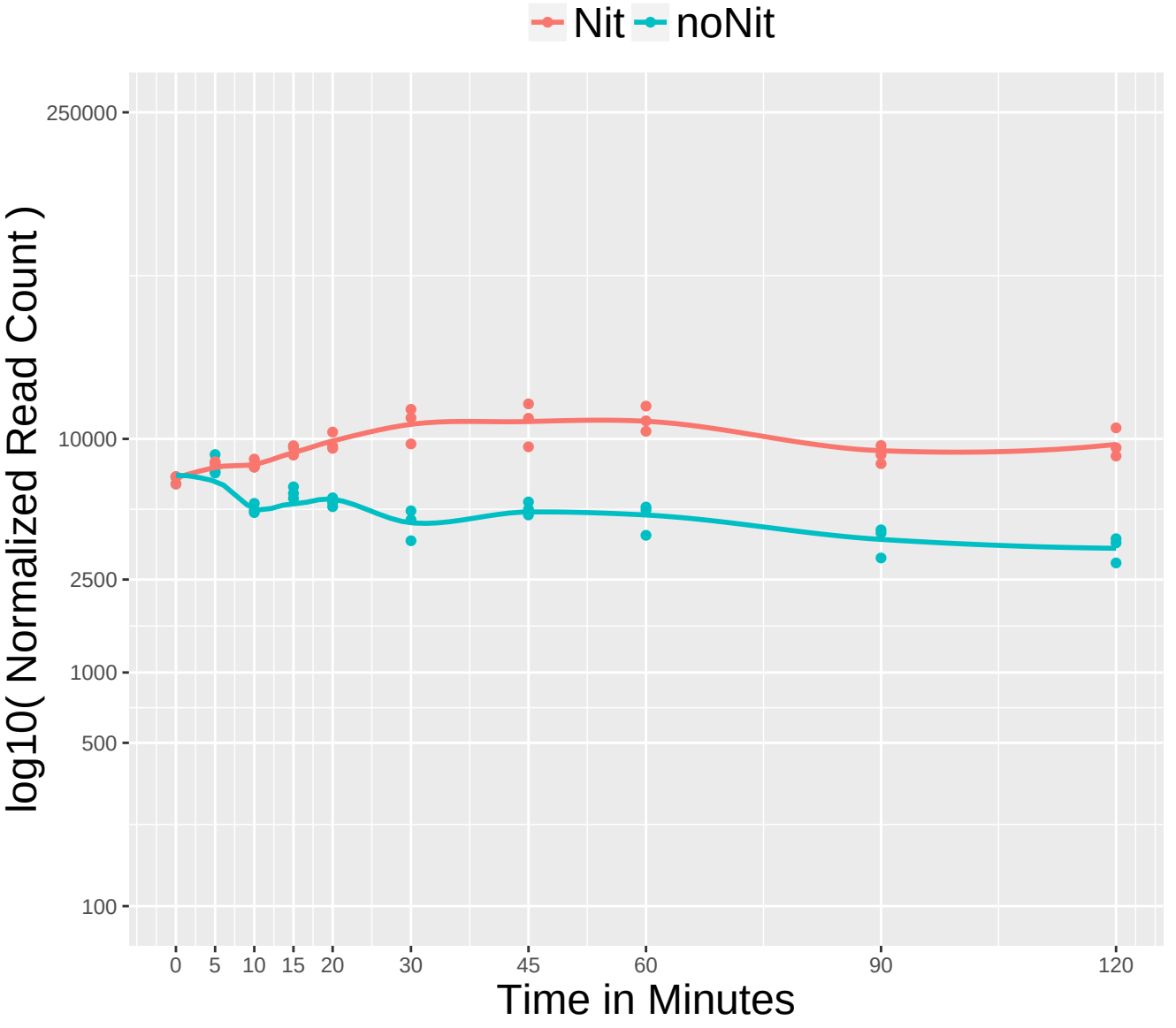
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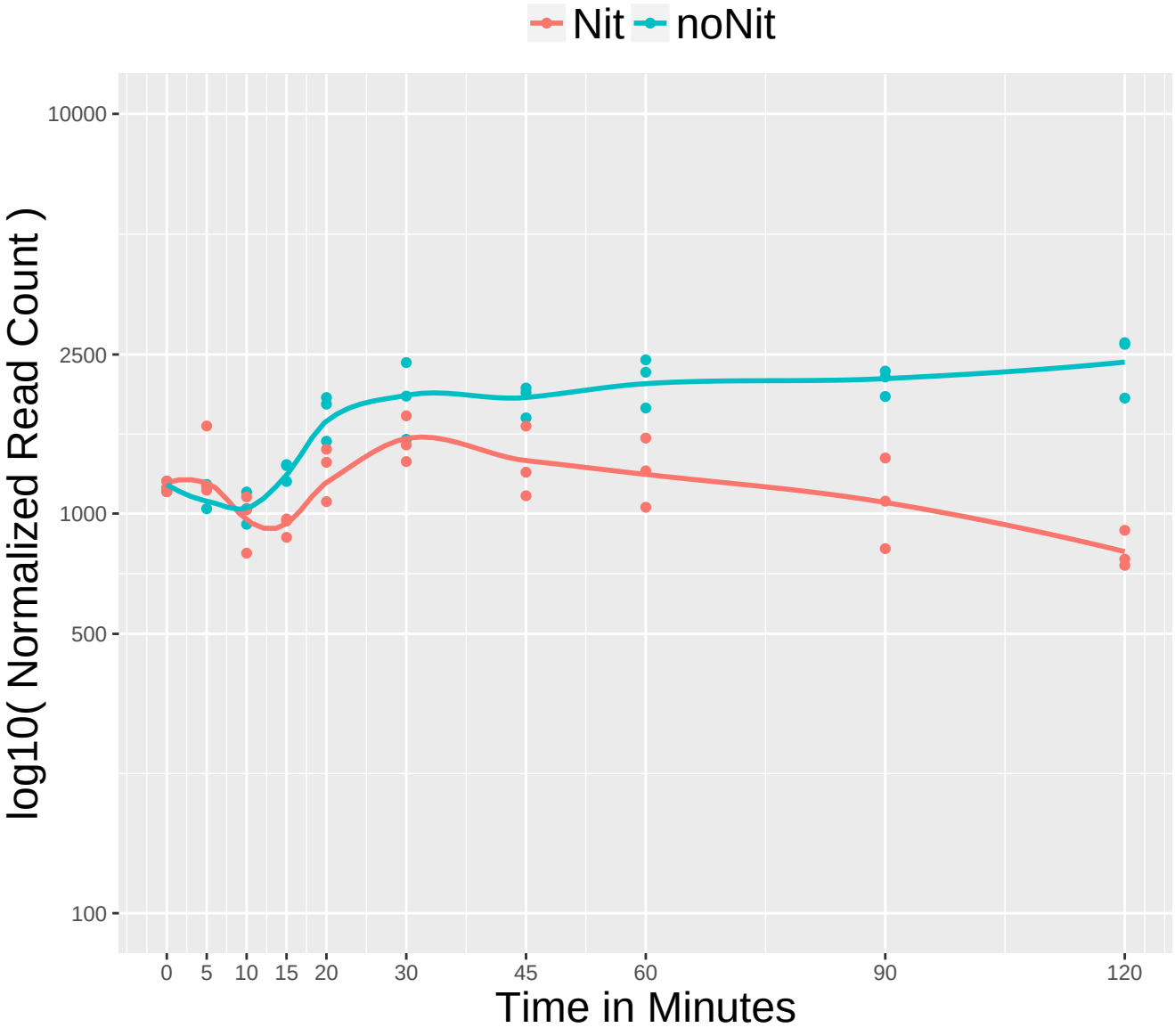
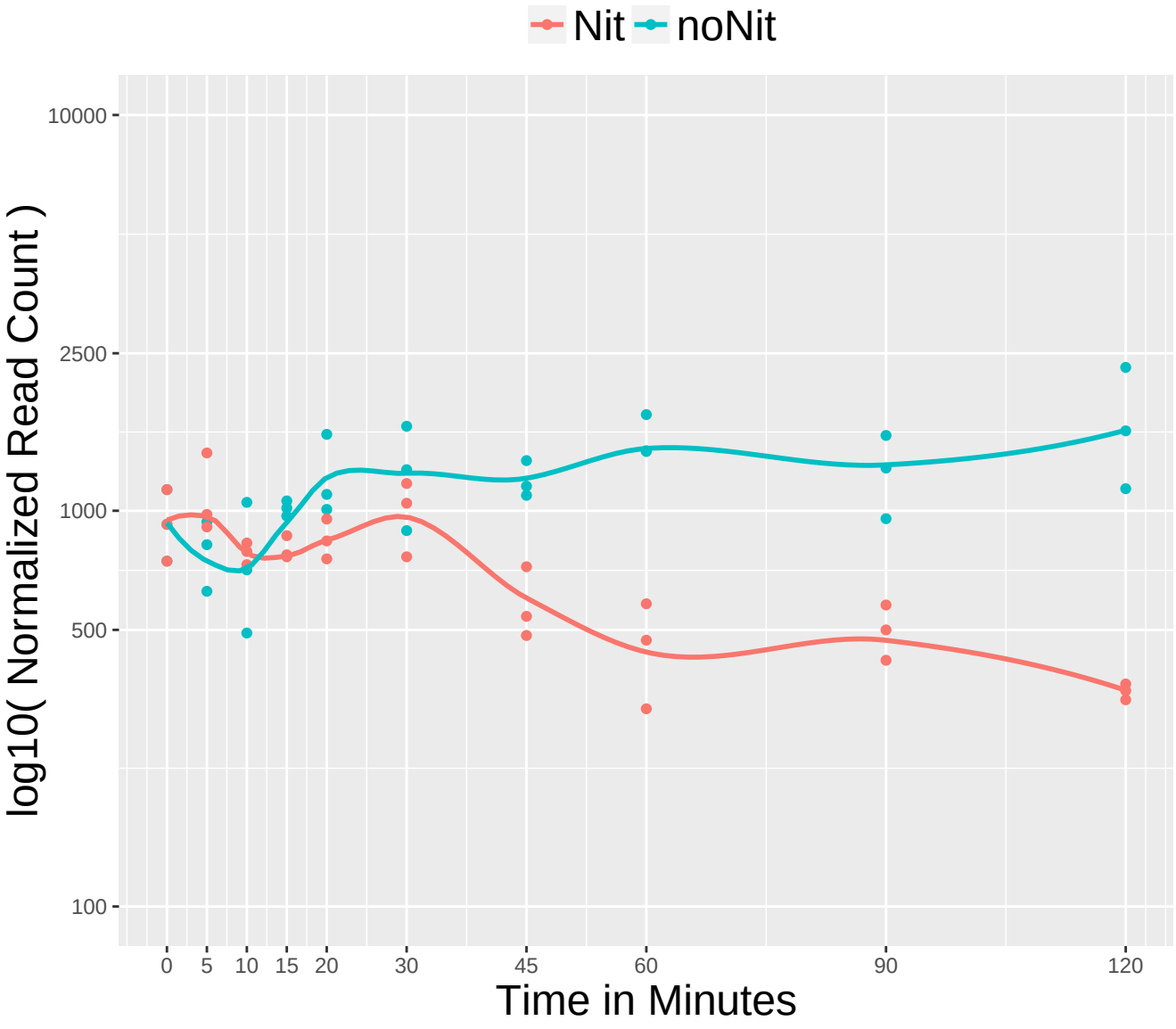
AT3G57630

exostosin



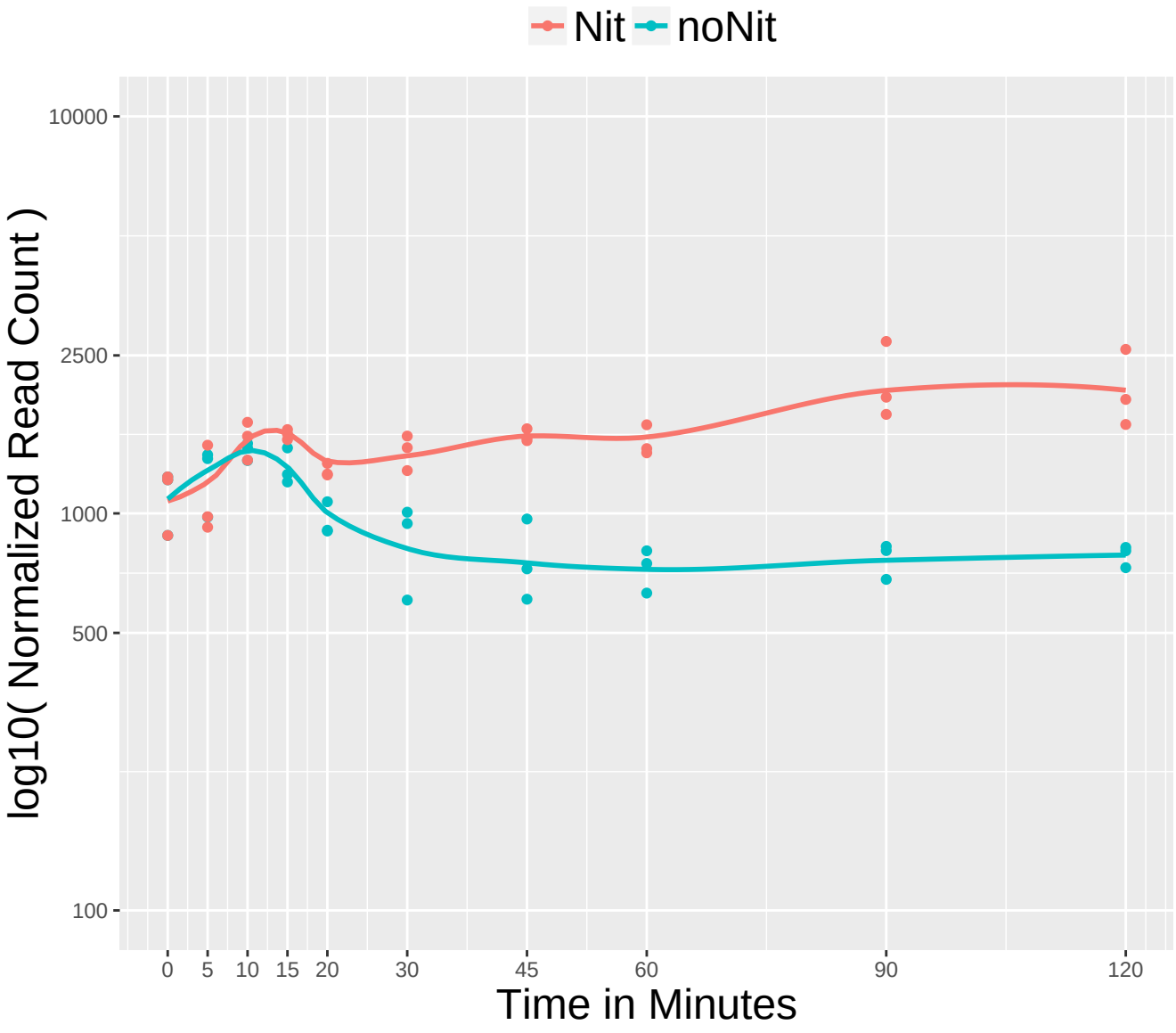
AT4G04570

CRK40,cysteine−rich



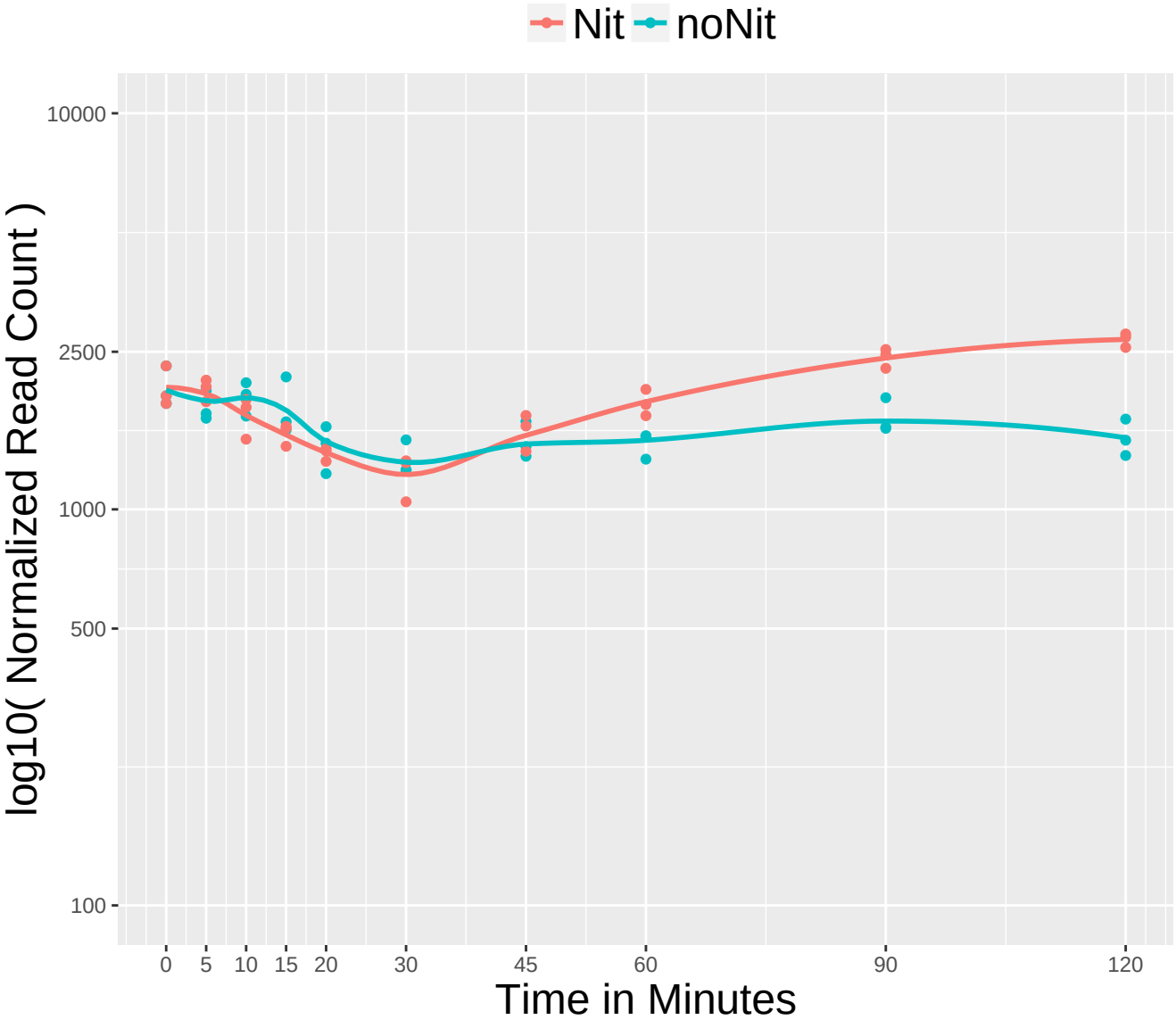
AT4G24040

ATTRE1,,TRE1,trehalase



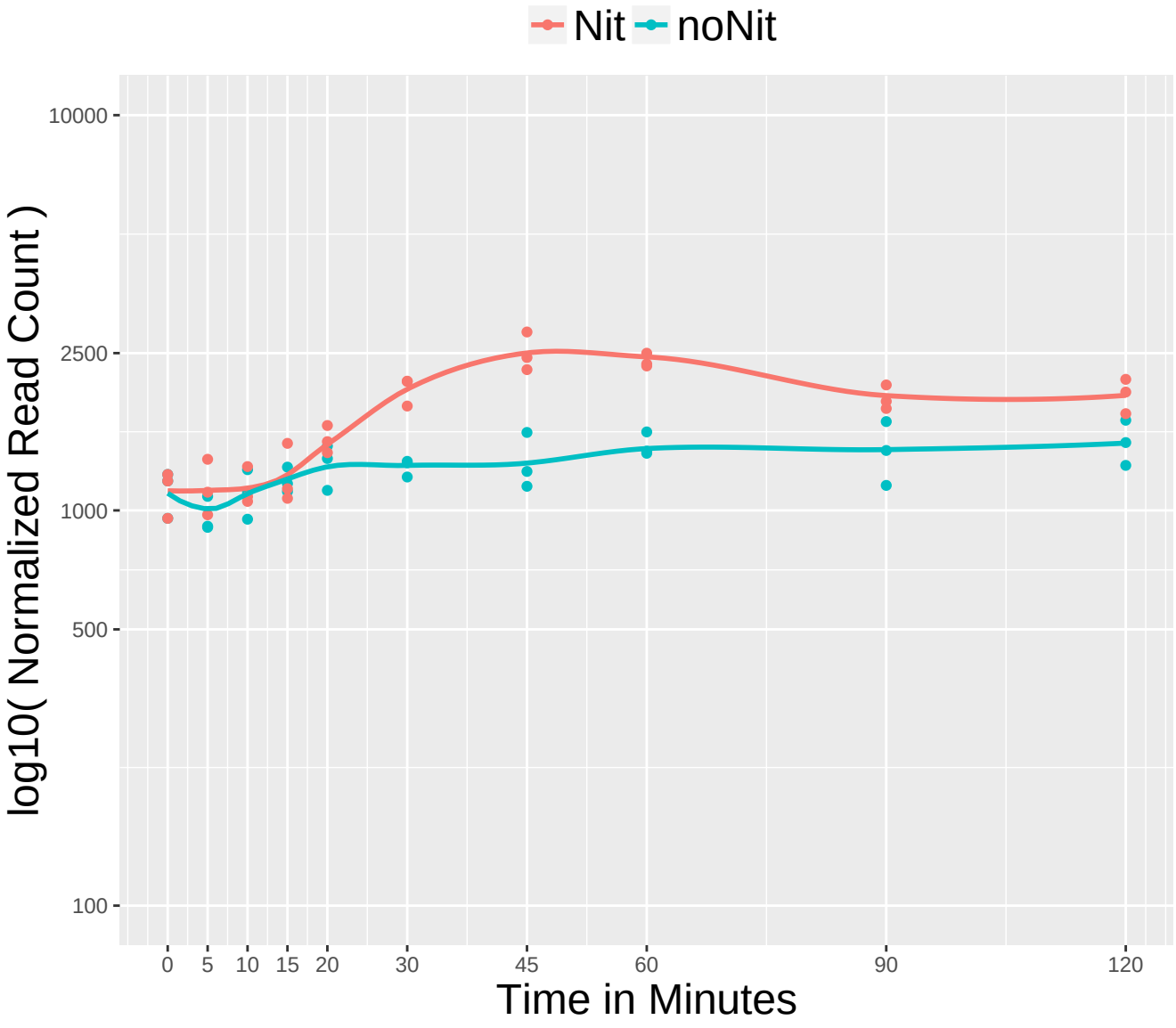
AT4G24060

Dof−type



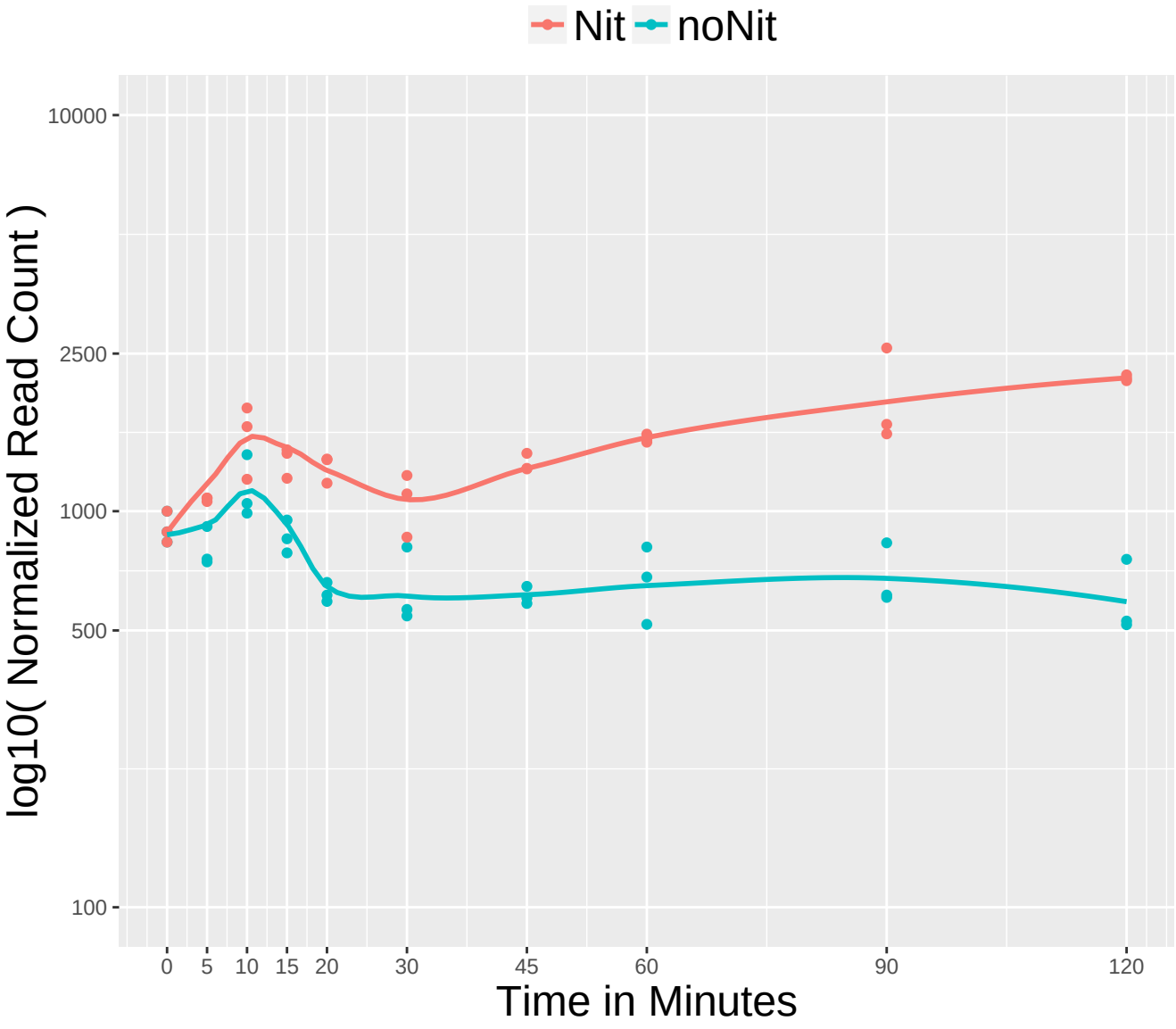
AT4G25870

Core−2/I−branching



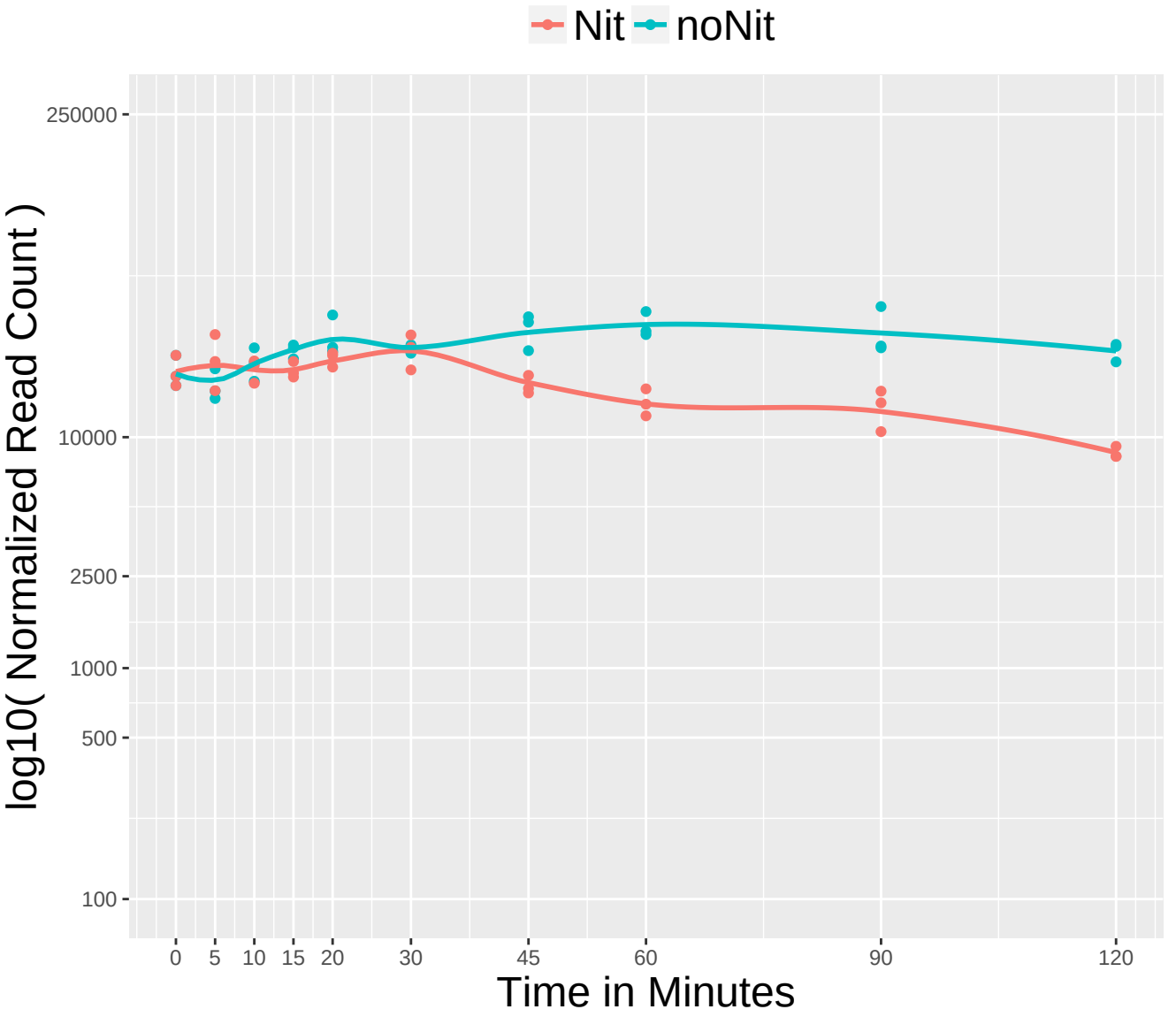
AT4G27950

CRF4,cytokinin



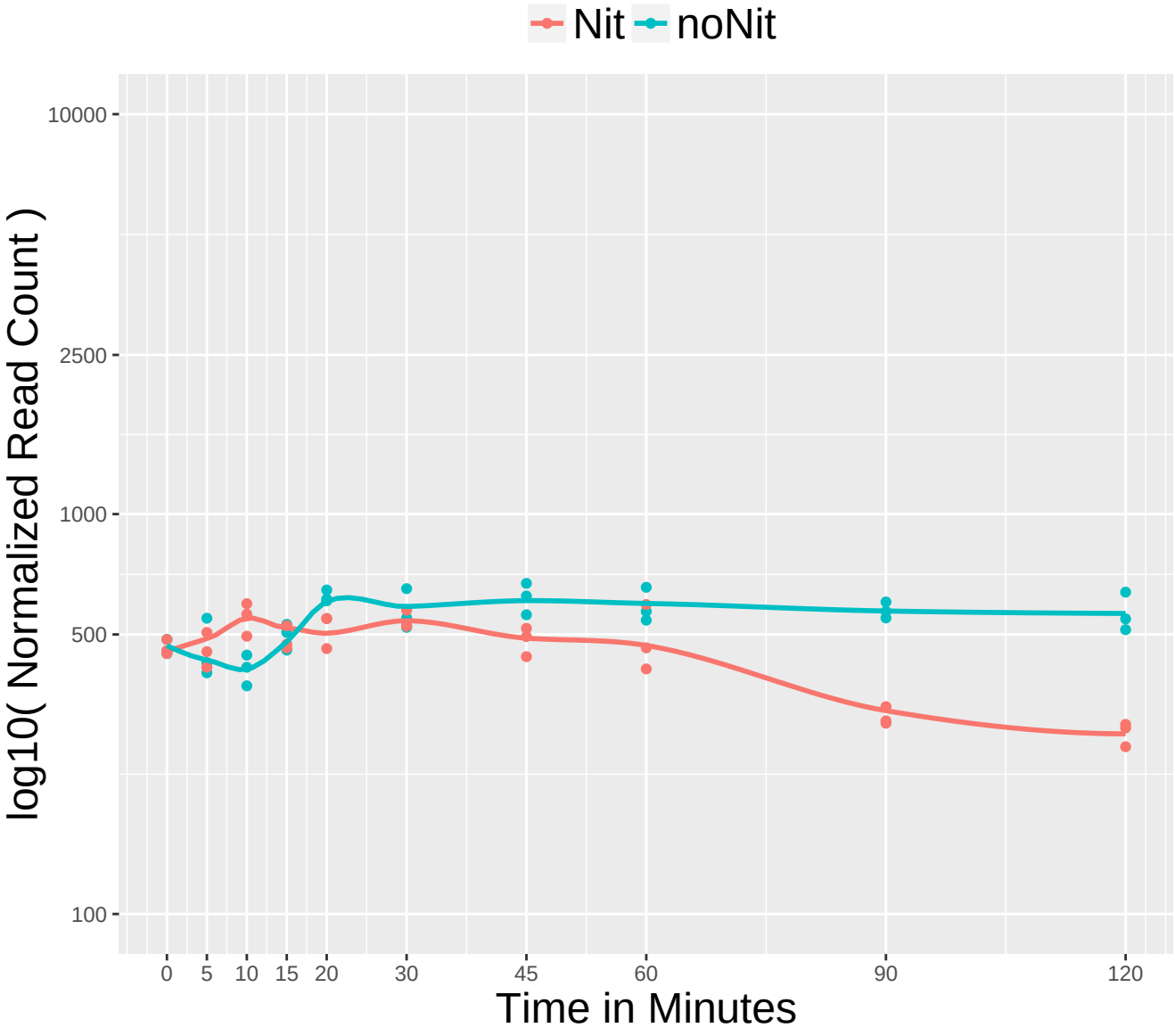
AT4G32940

GAMMA−VPE,gamma



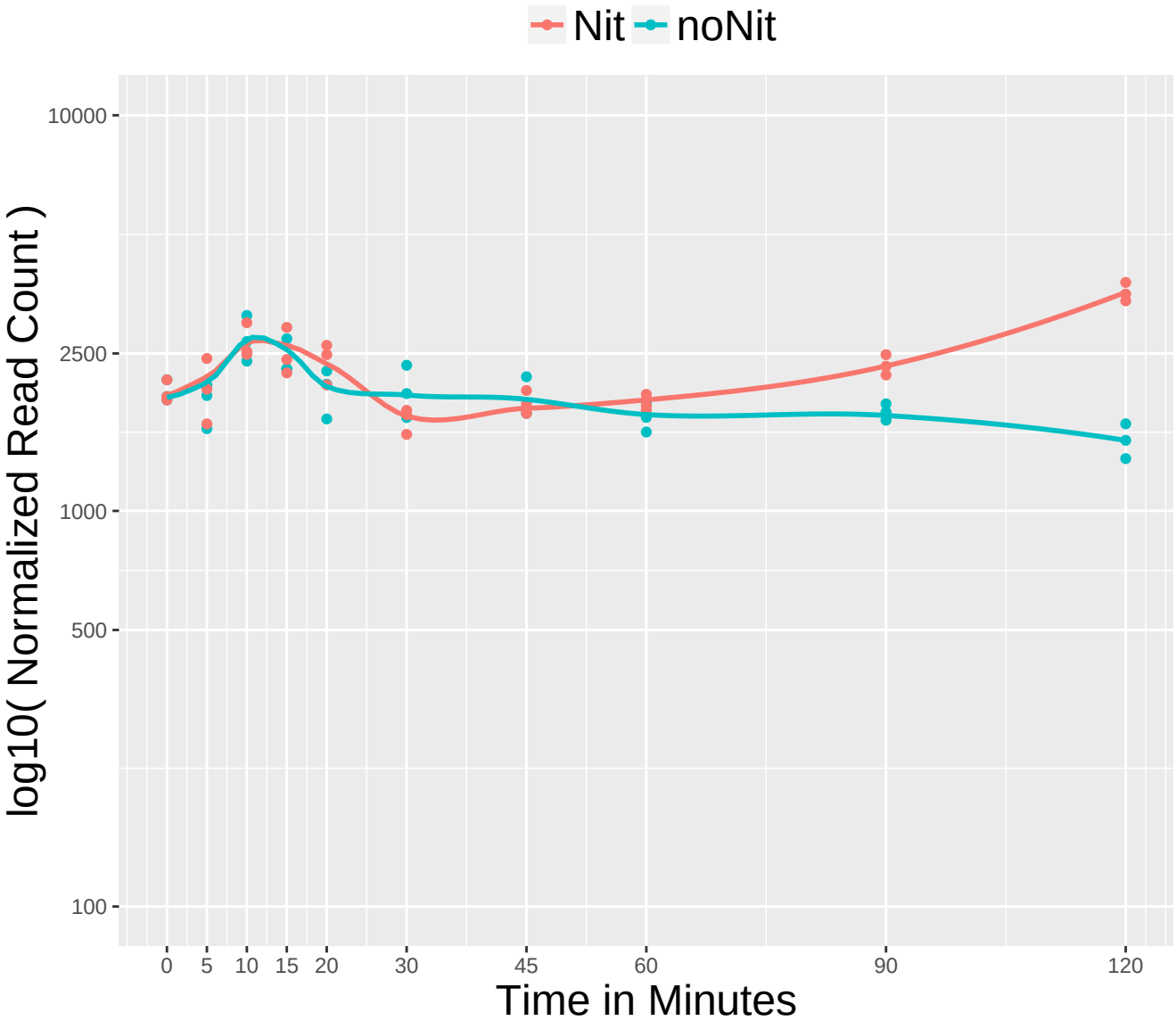
AT5G15790

RING/U−box



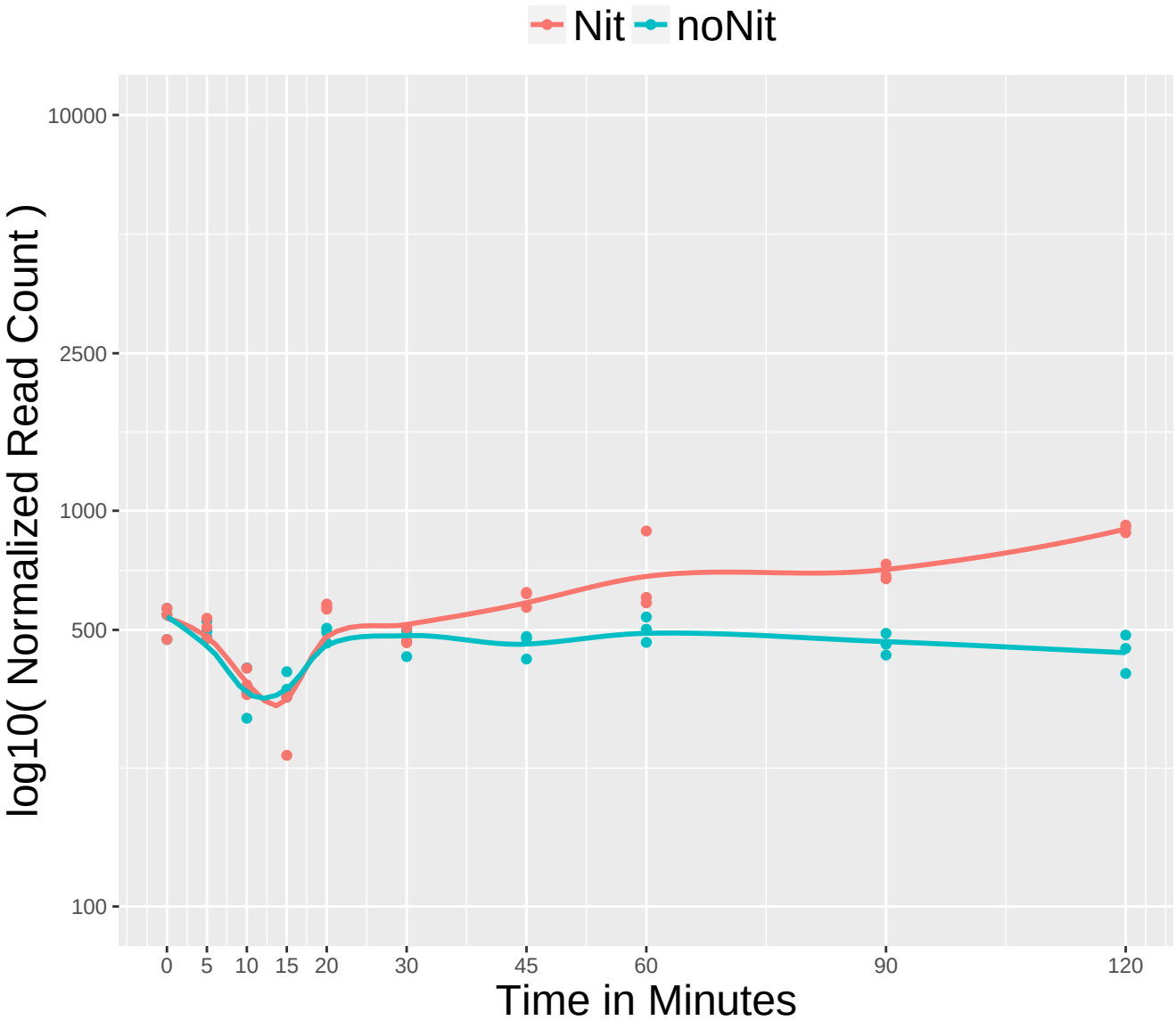
AT5G18170

GDH1,glutamate



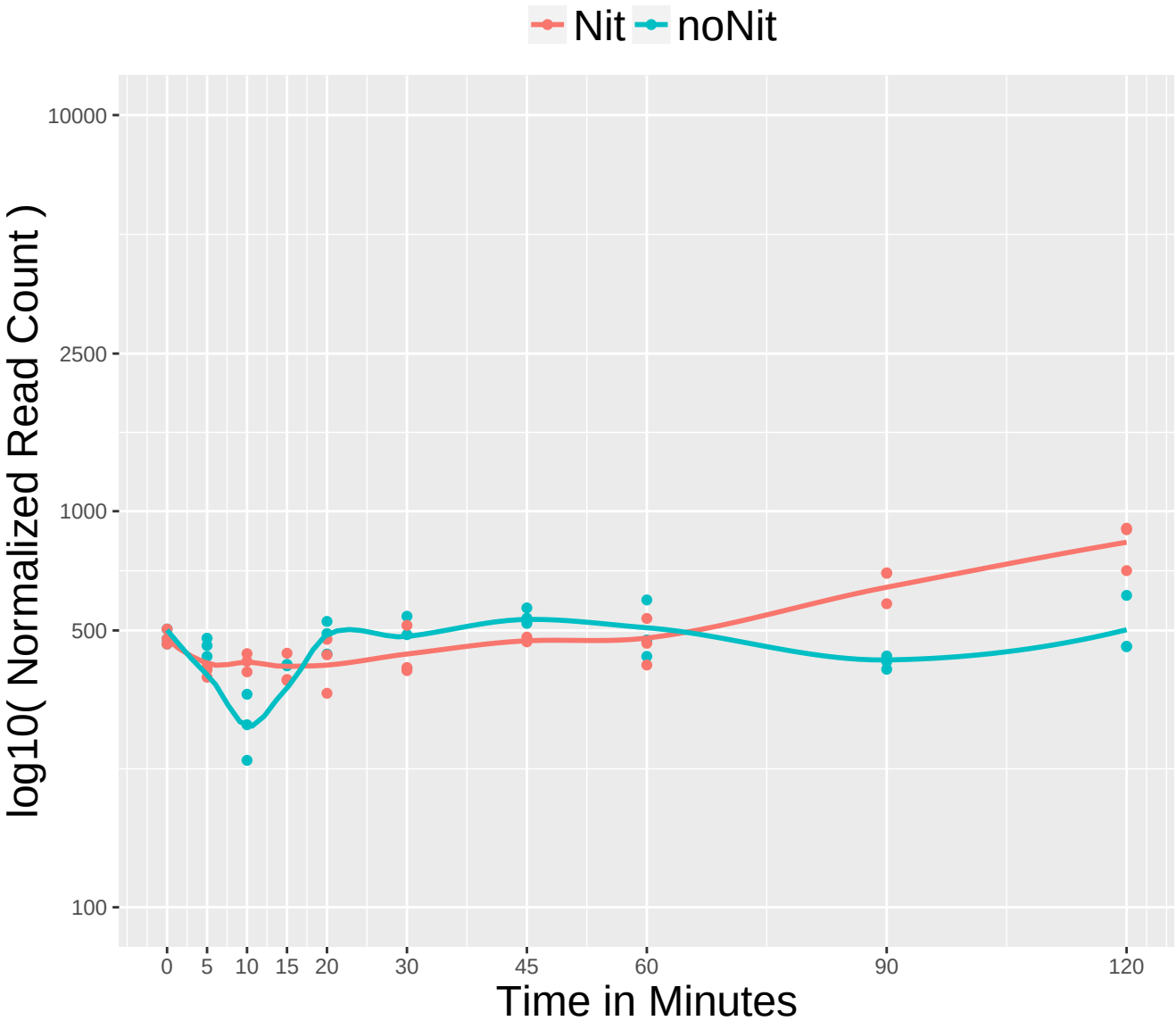
AT1G04945

HIT−type



AT1G20380

Prolyl



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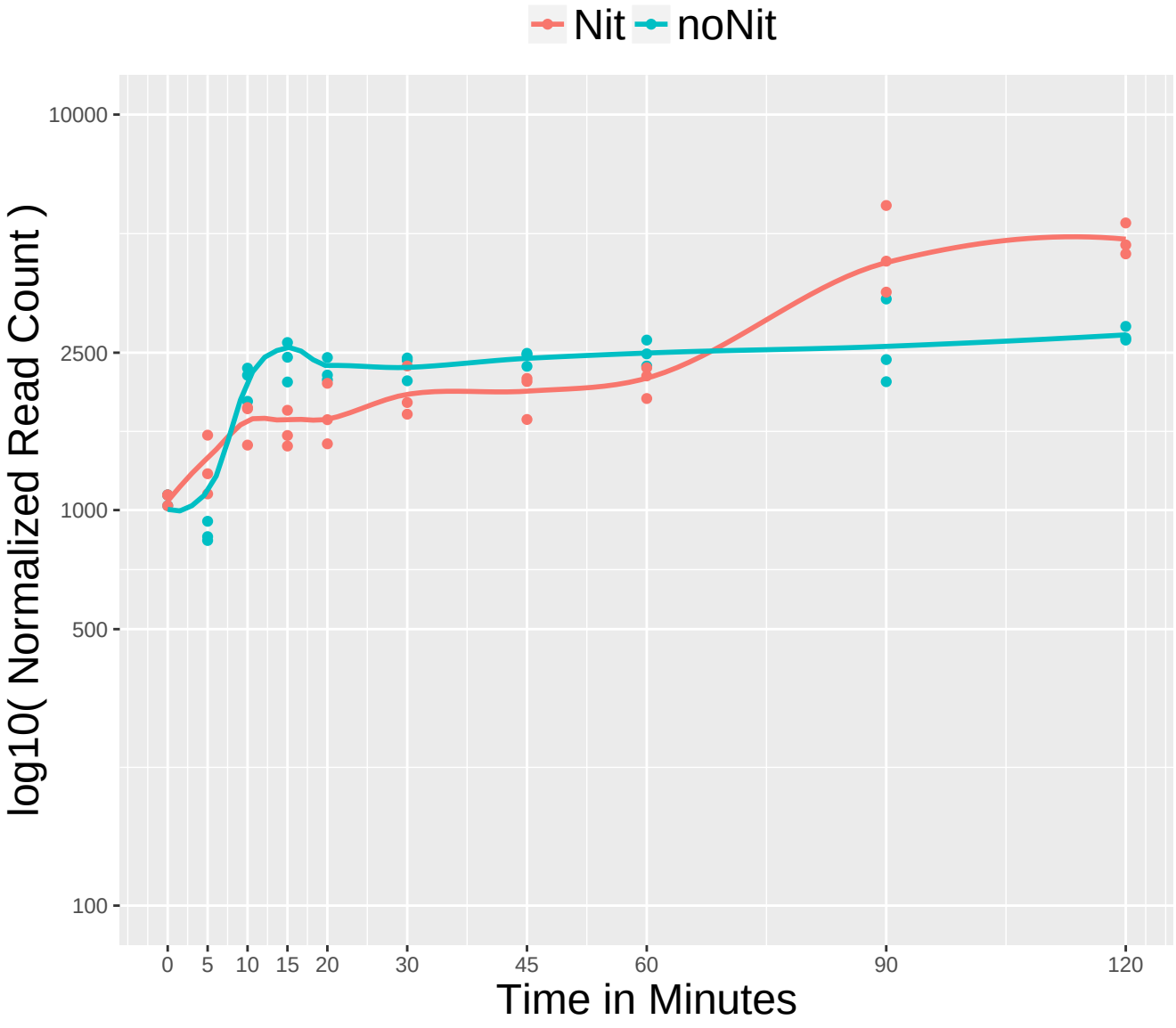
AtTMT1,,TMT1,tonoplast



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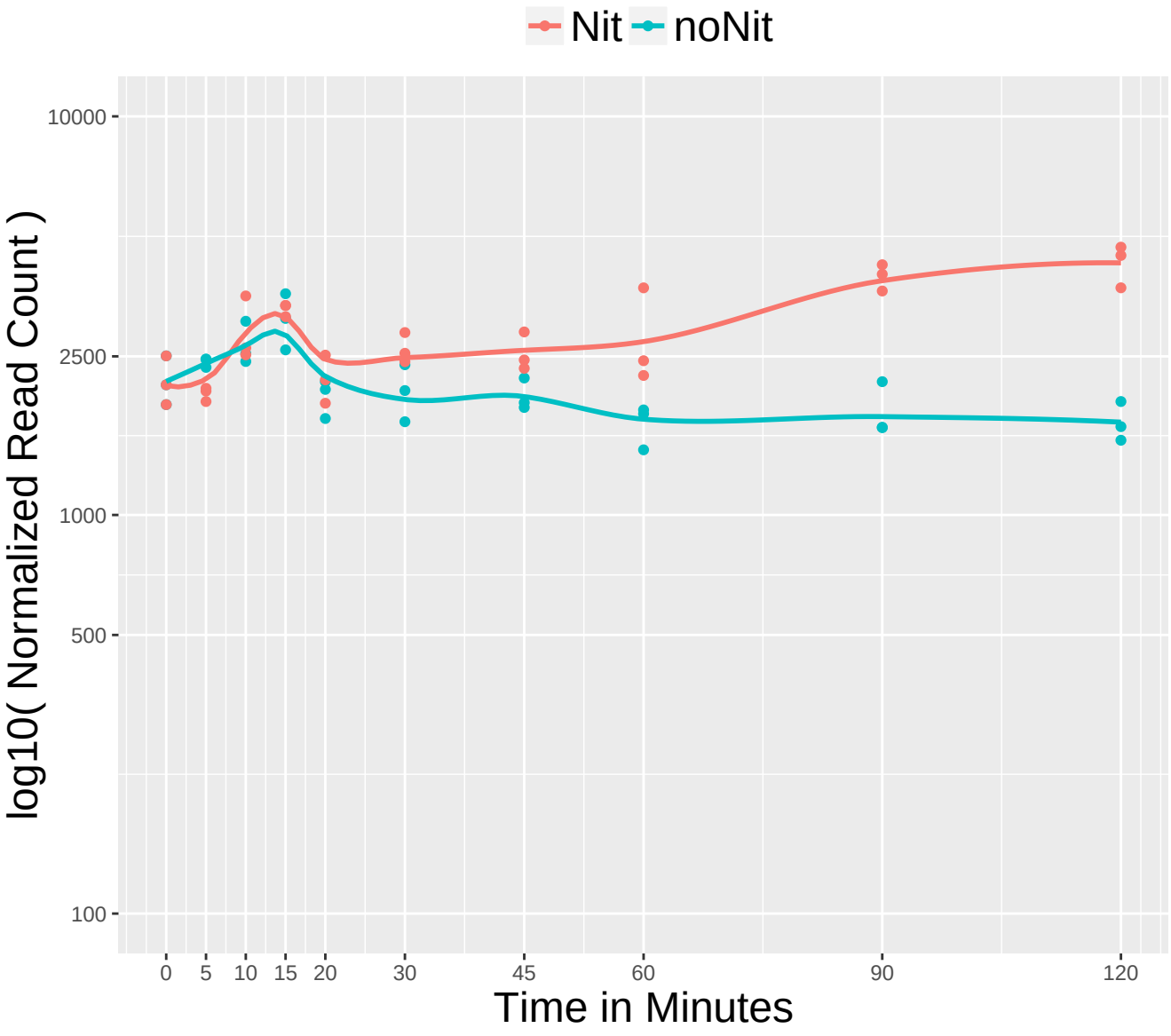
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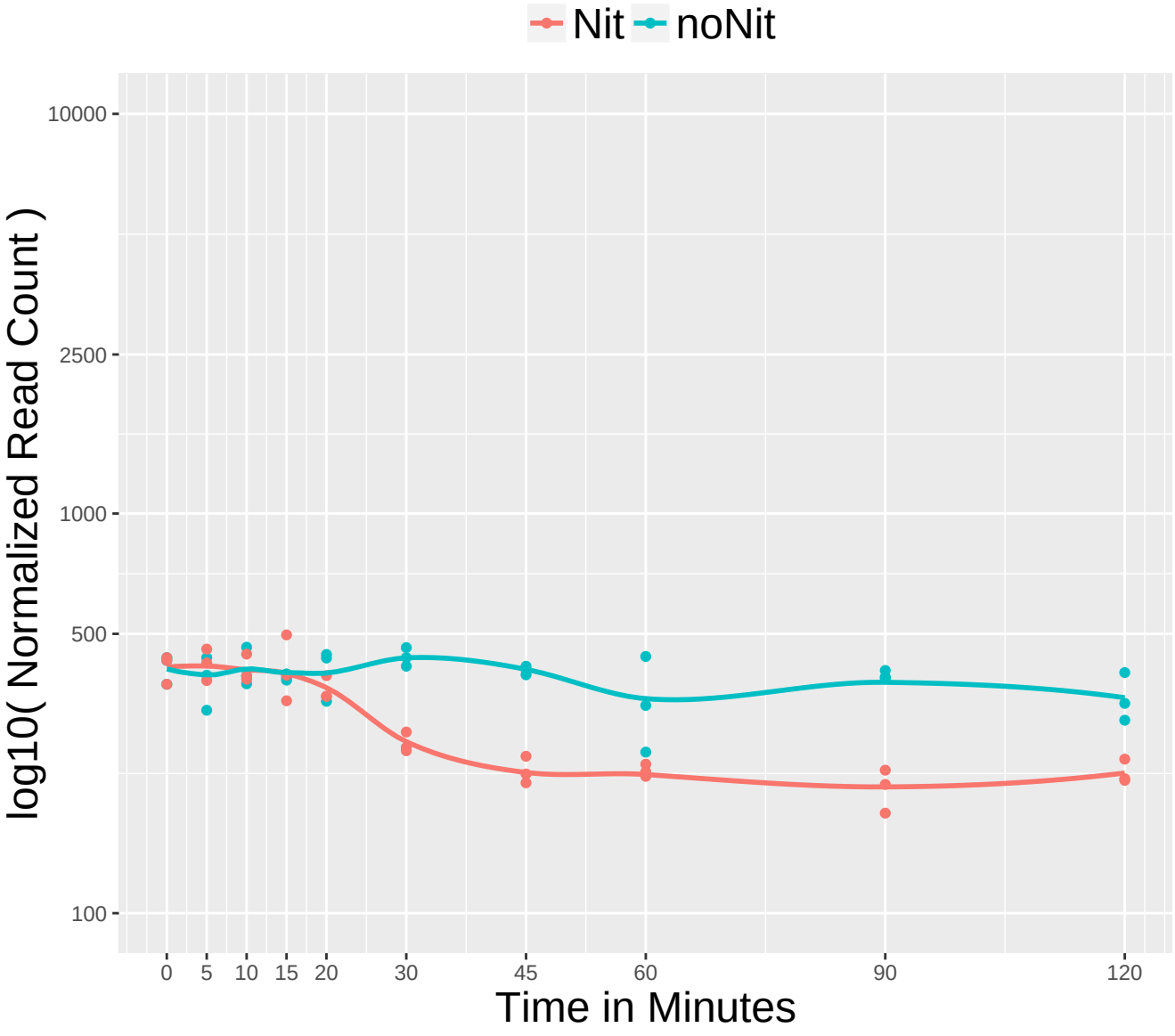
Time in Minutes

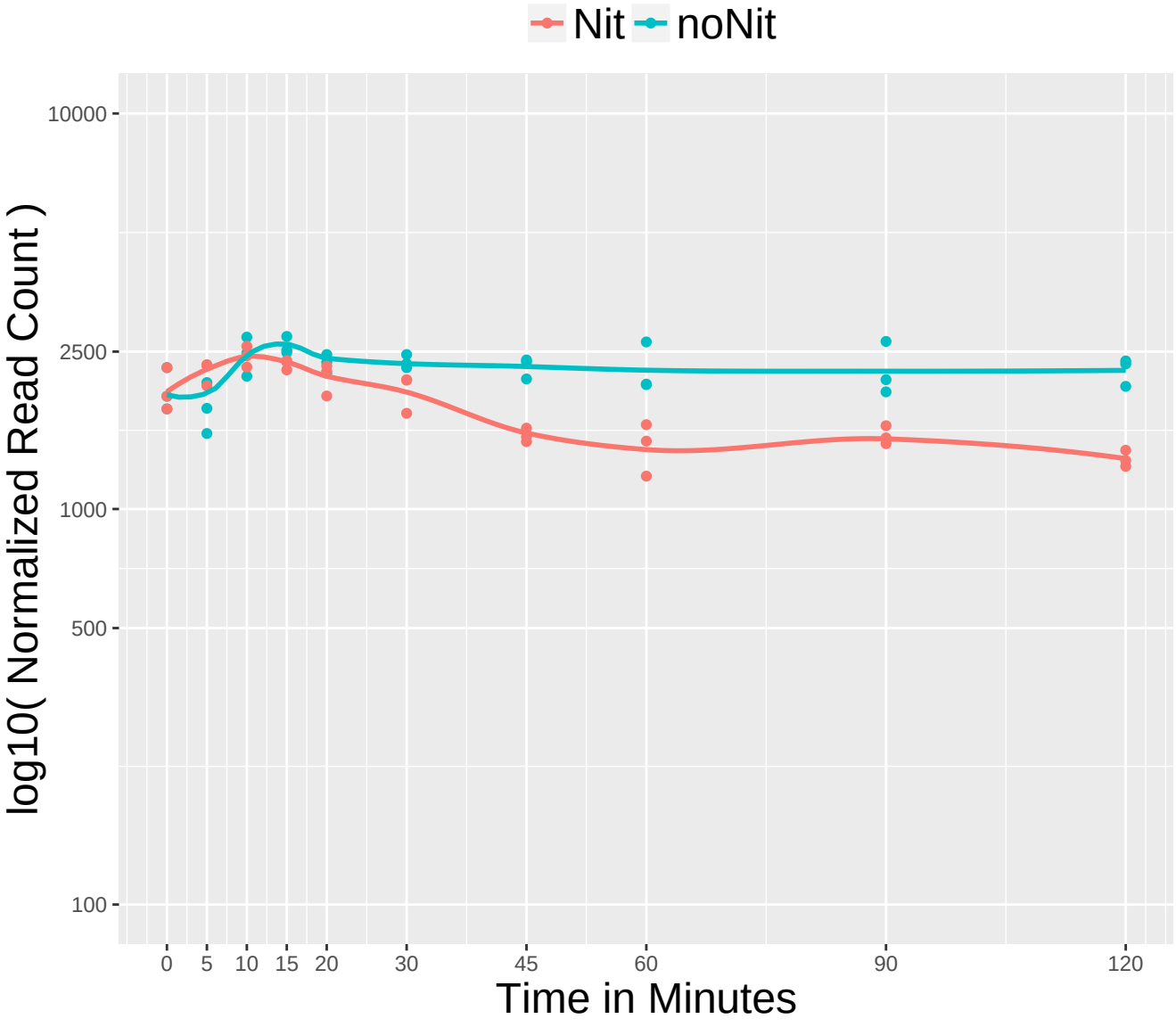
AT2G15440

Protein



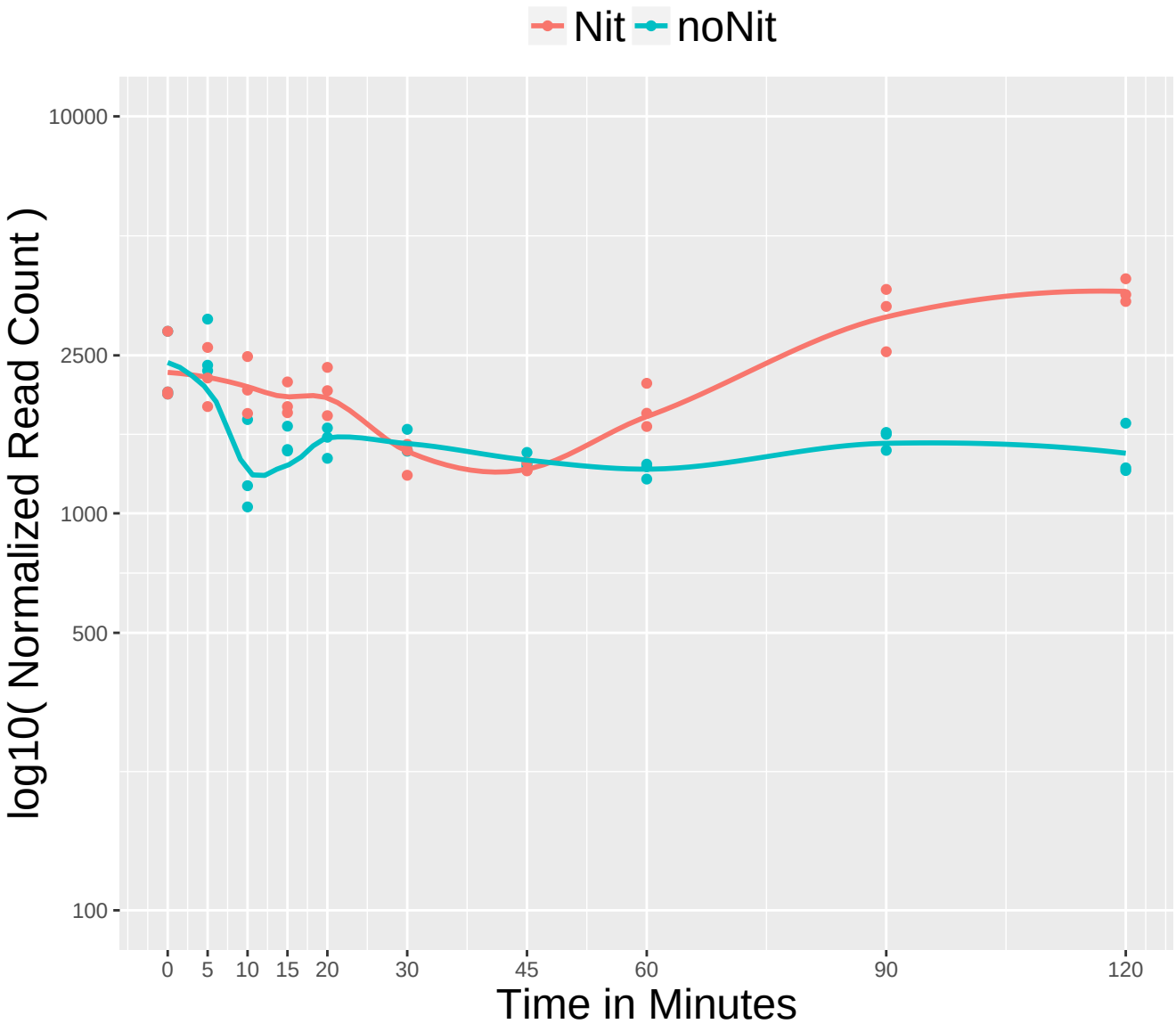
AT2G18730

ATDGK3,,DGK3,diacylglycerol



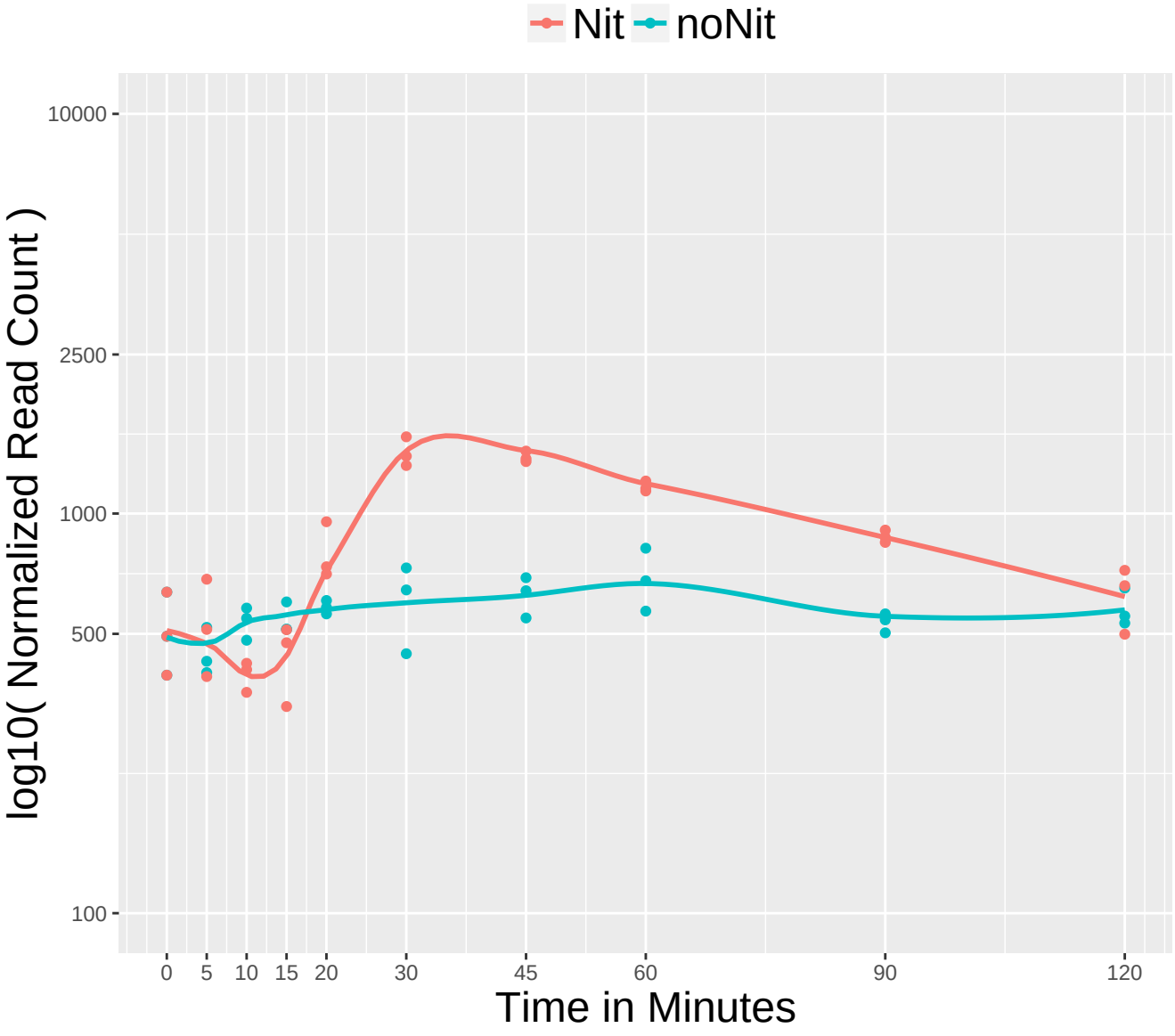
AT2G39570

ACR9,ACT



AT3G07340

basic



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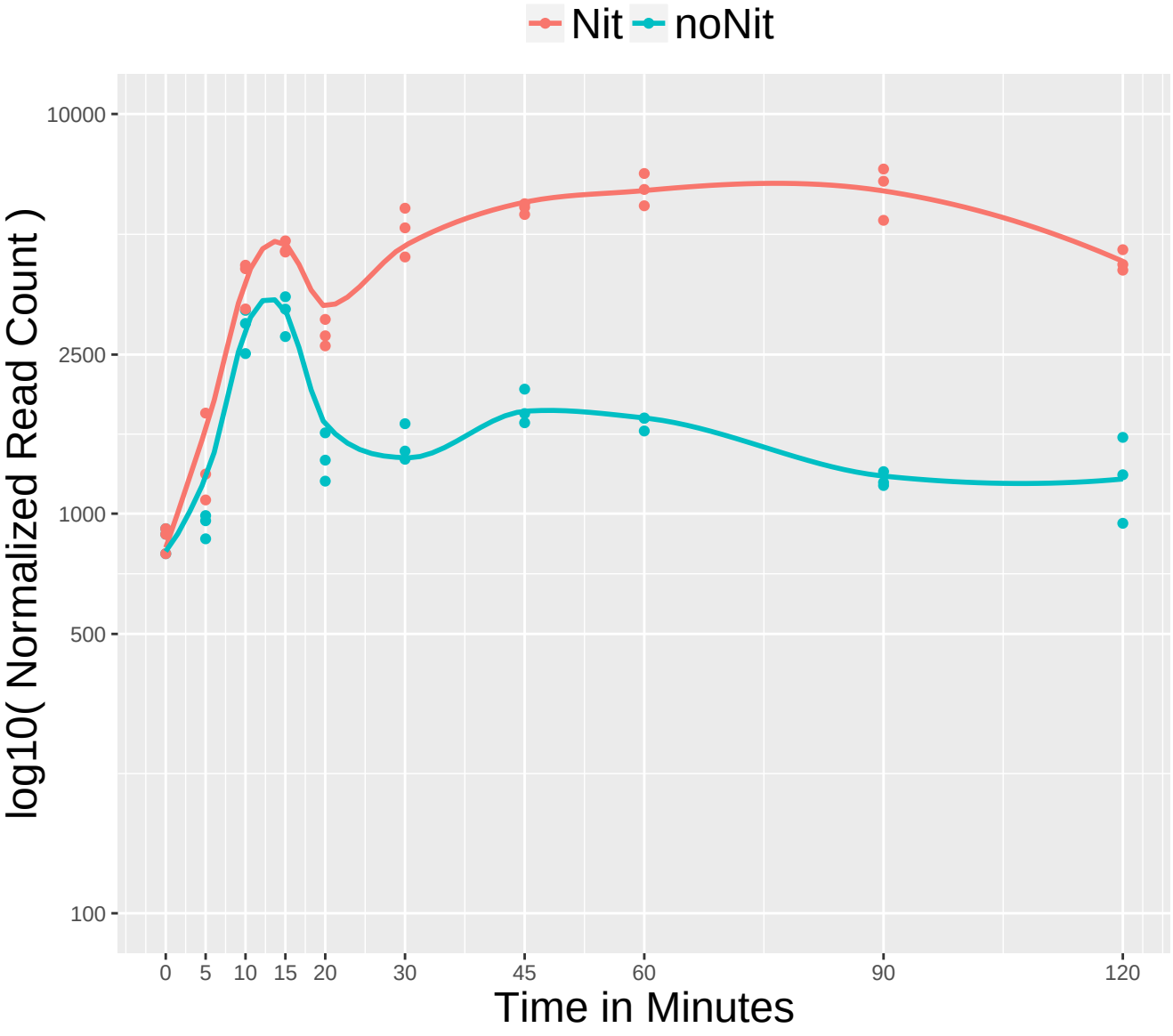
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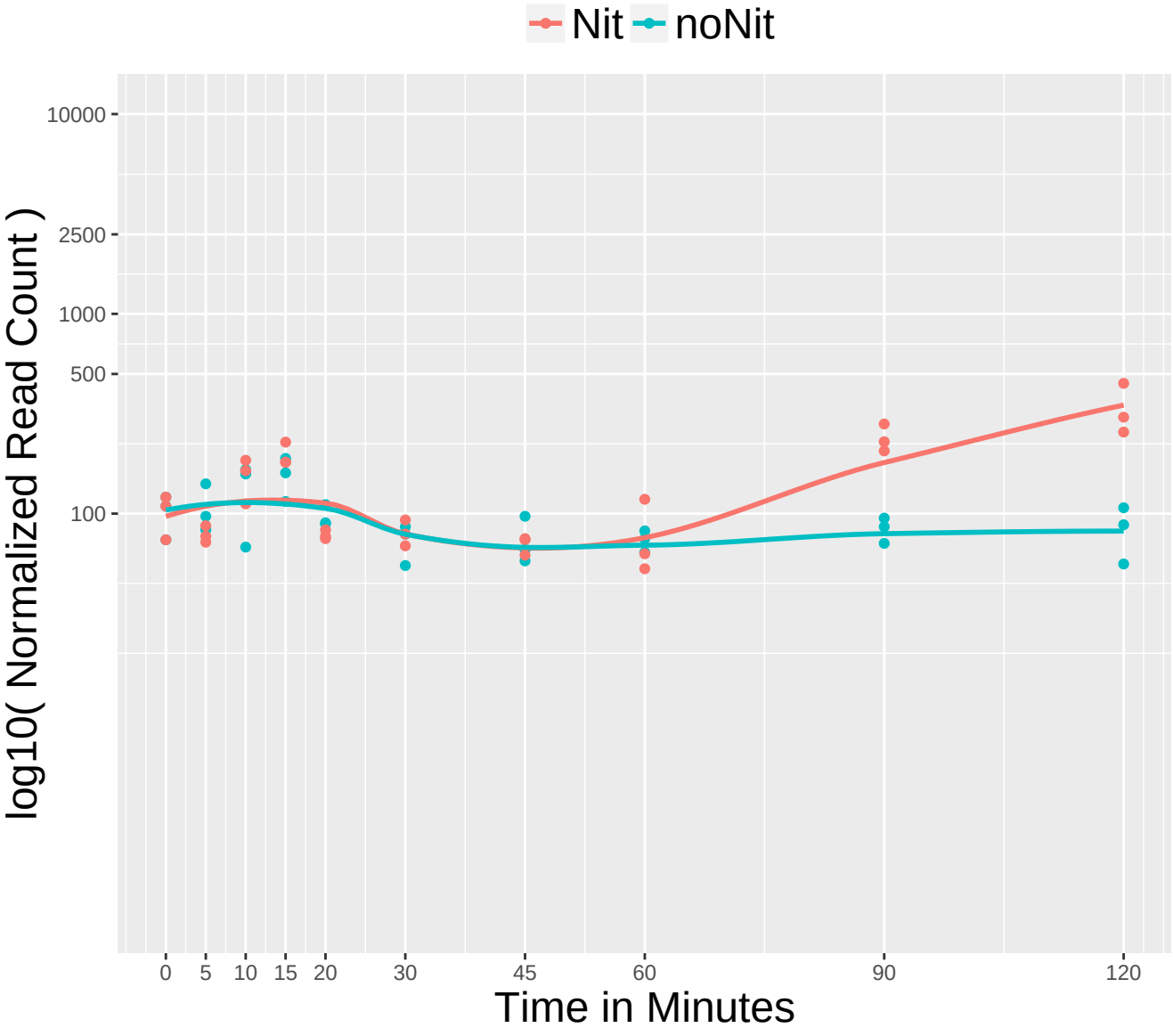
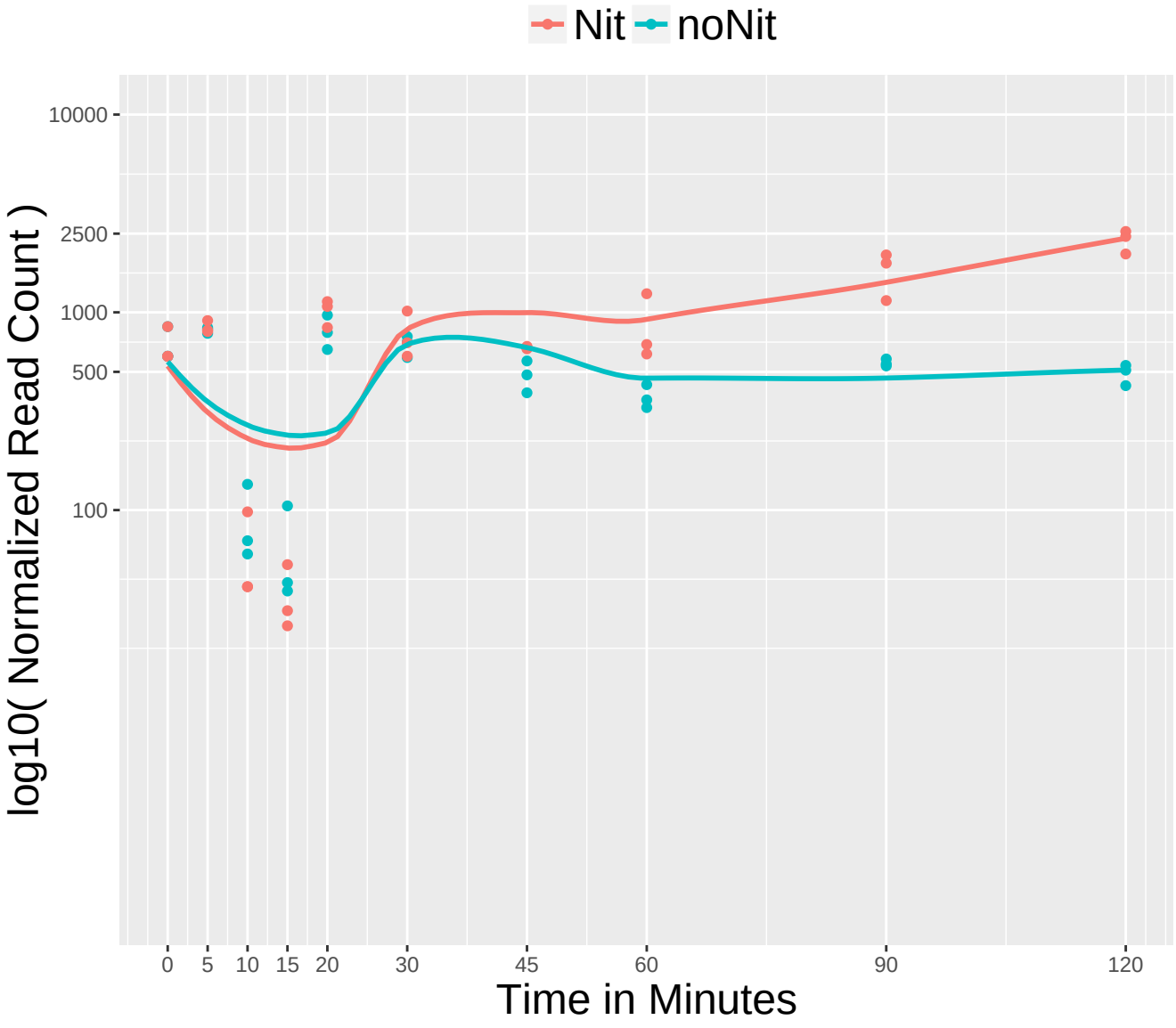
AT3G18773

RING/U−box



AT3G48100

ARR5,response



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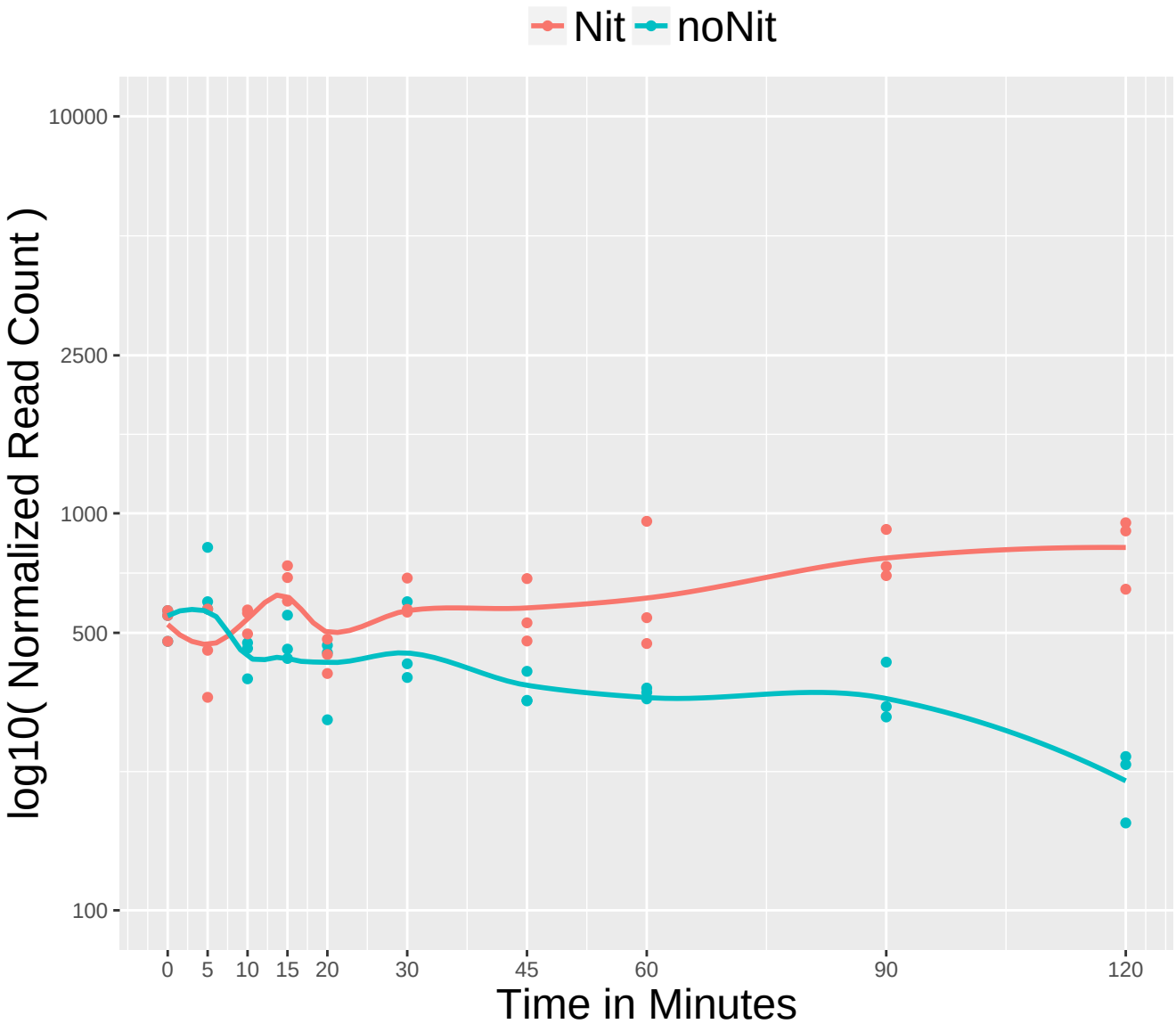
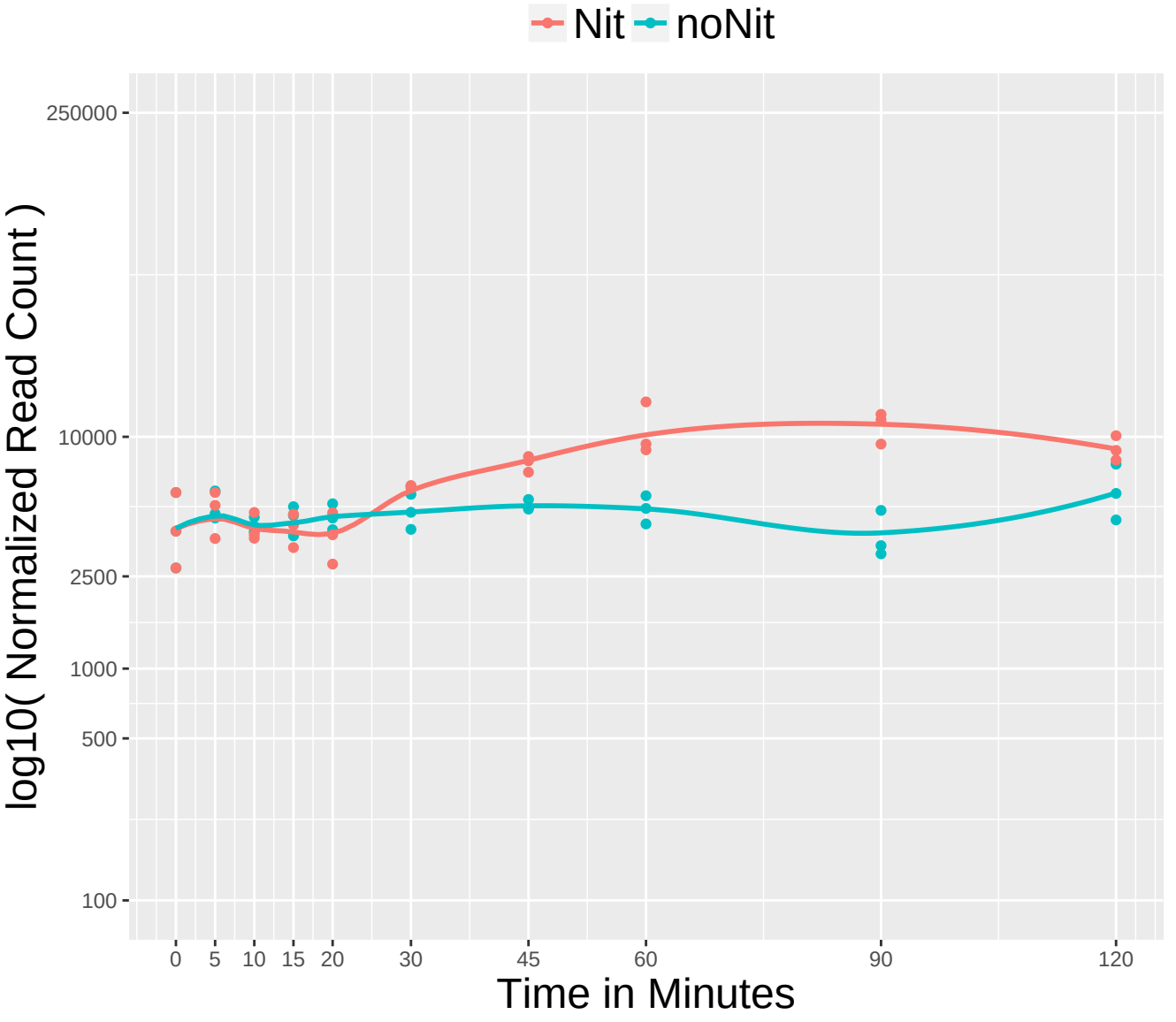
AT−HSFA7A,ARABIDOPSIS



AT4G21990

APR3,APS



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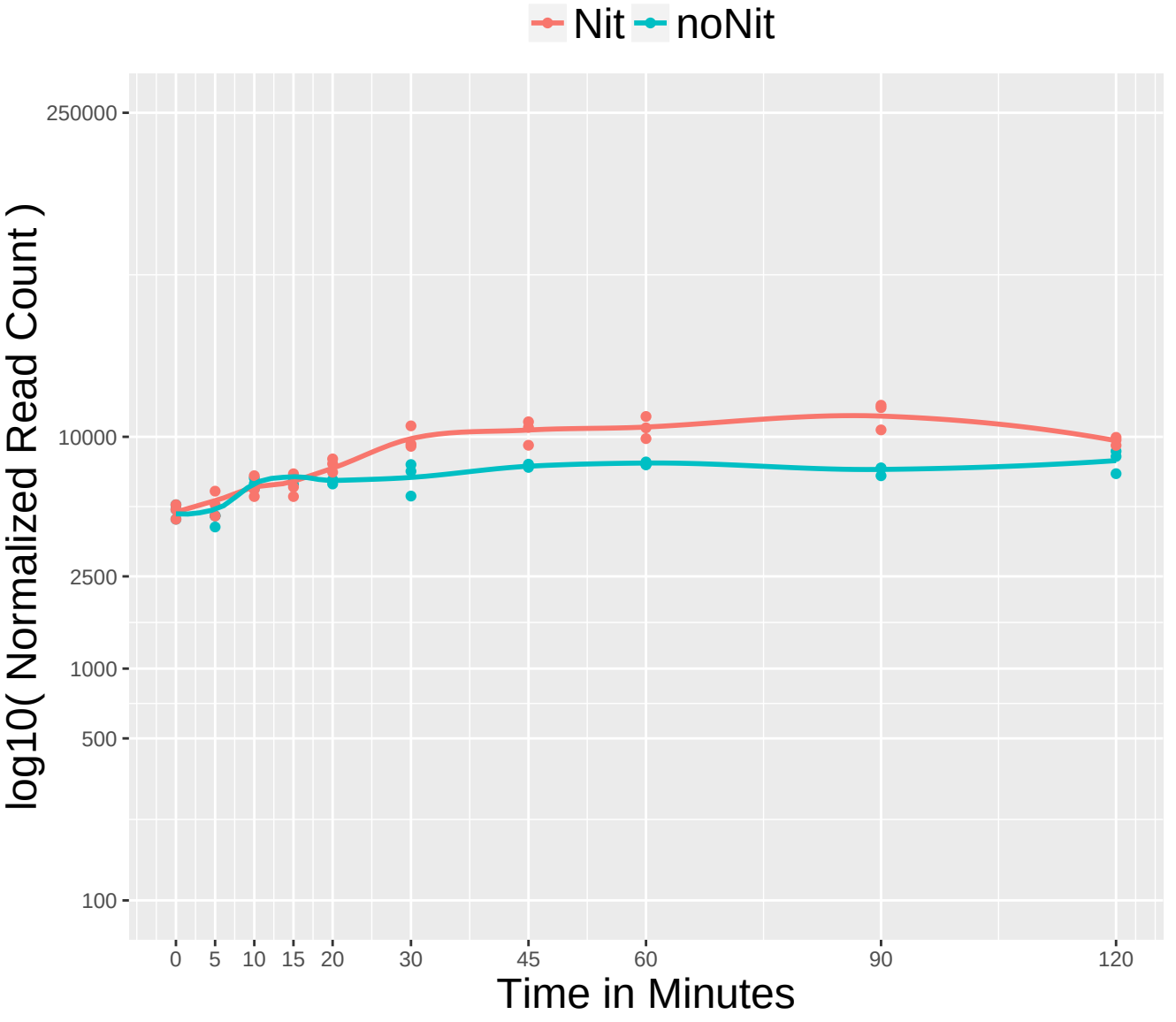
IDH−I,isocitrate



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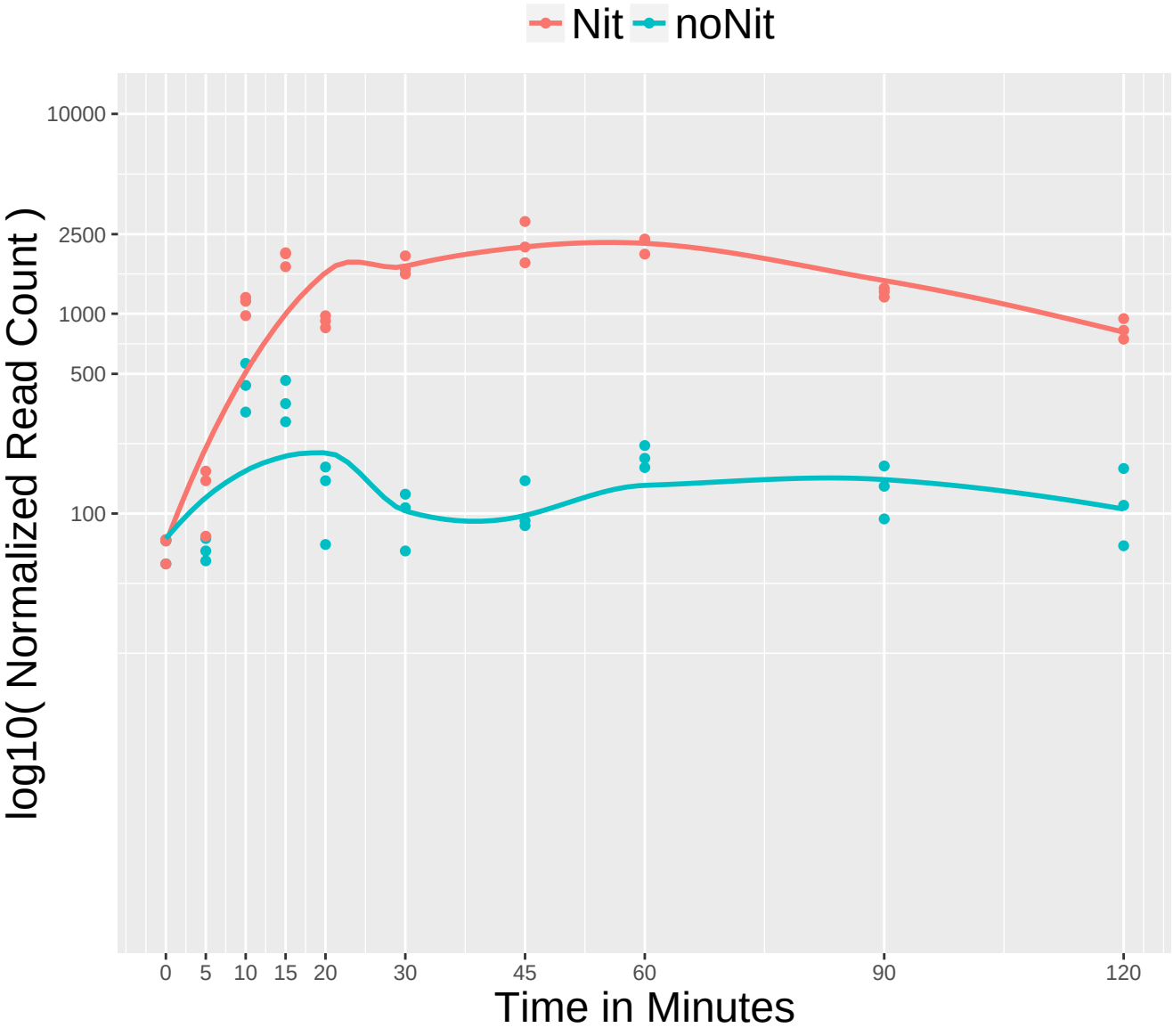
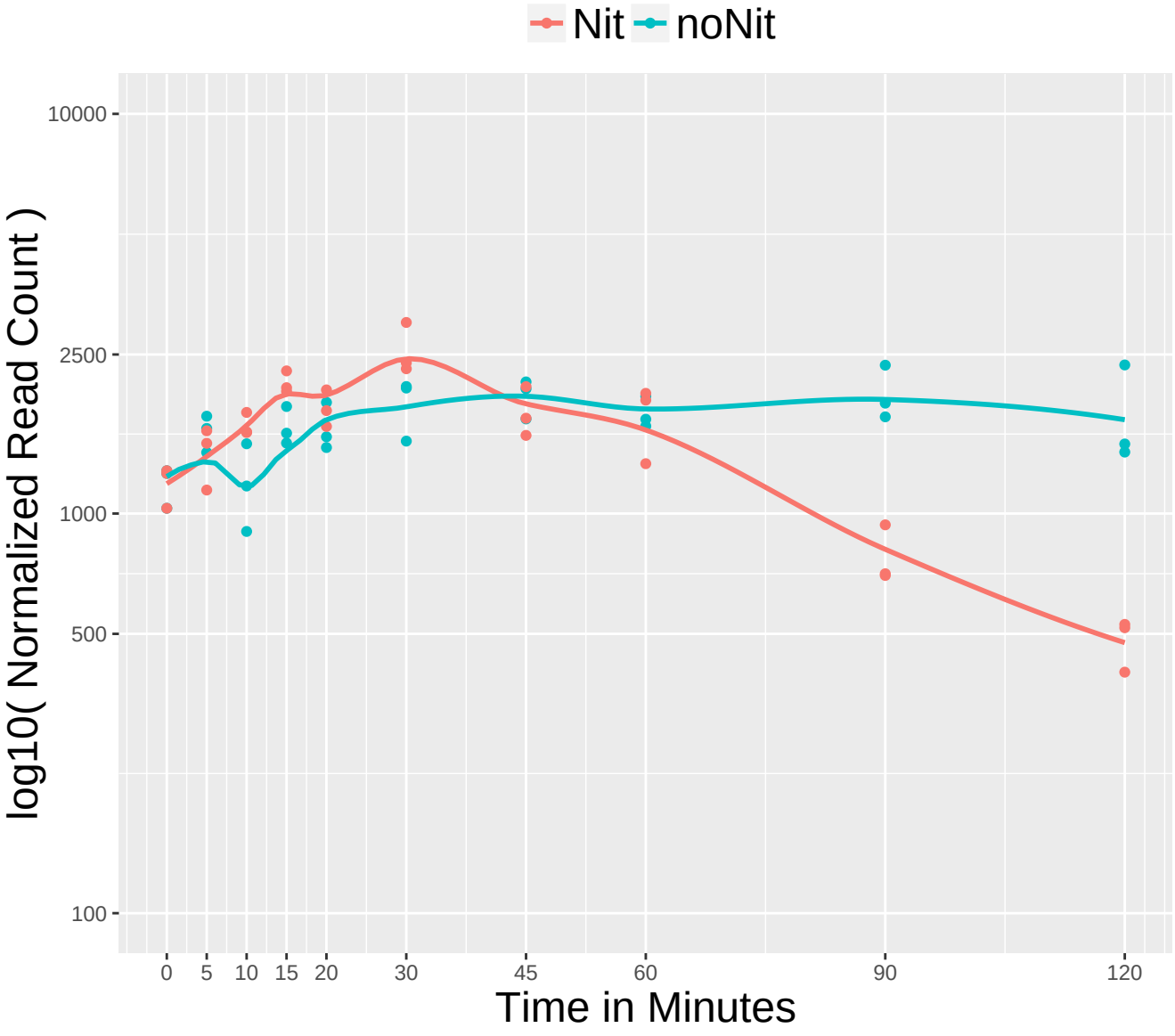


AT5G02230

Haloacid



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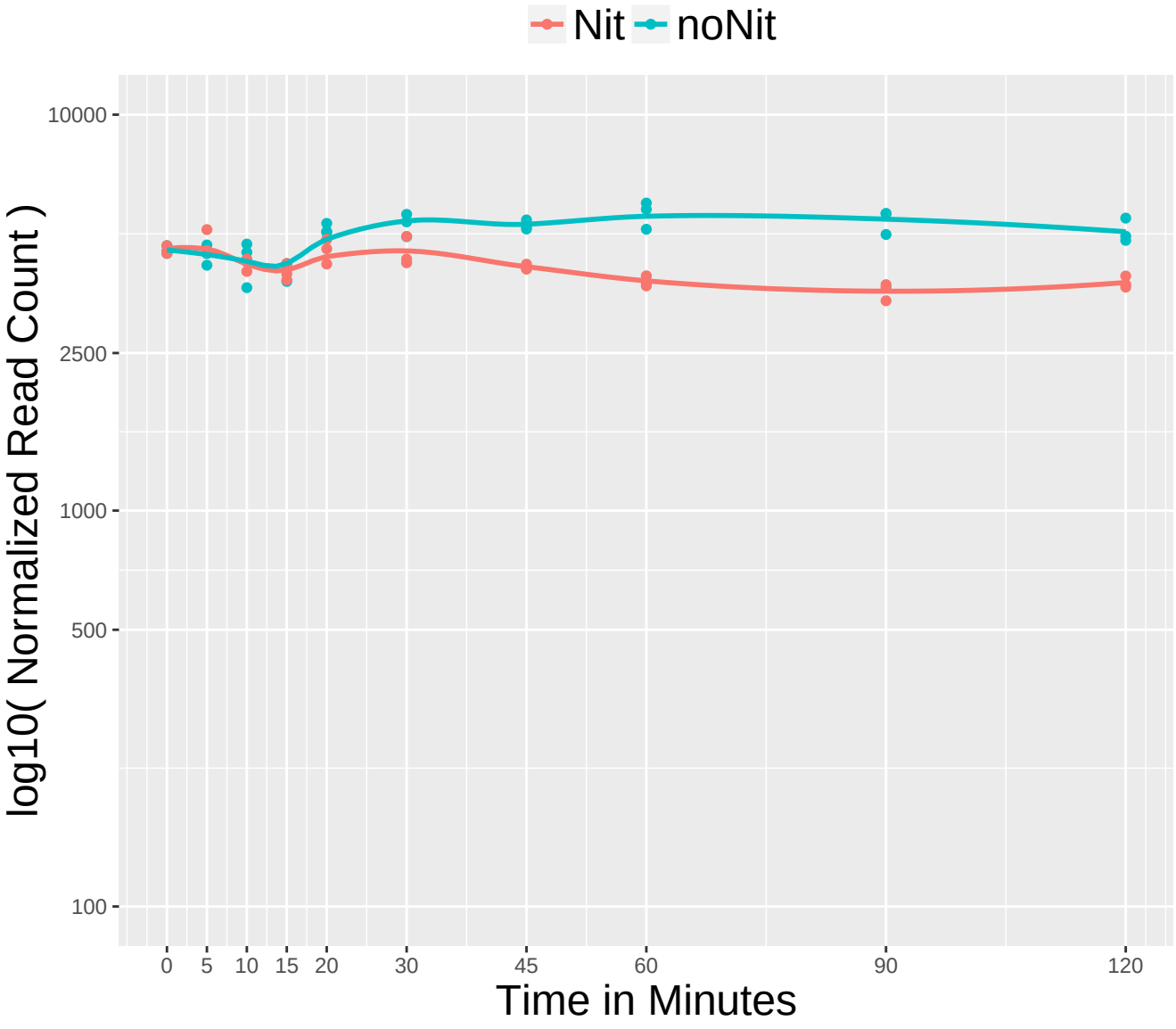
UBQ4,ubiquitin



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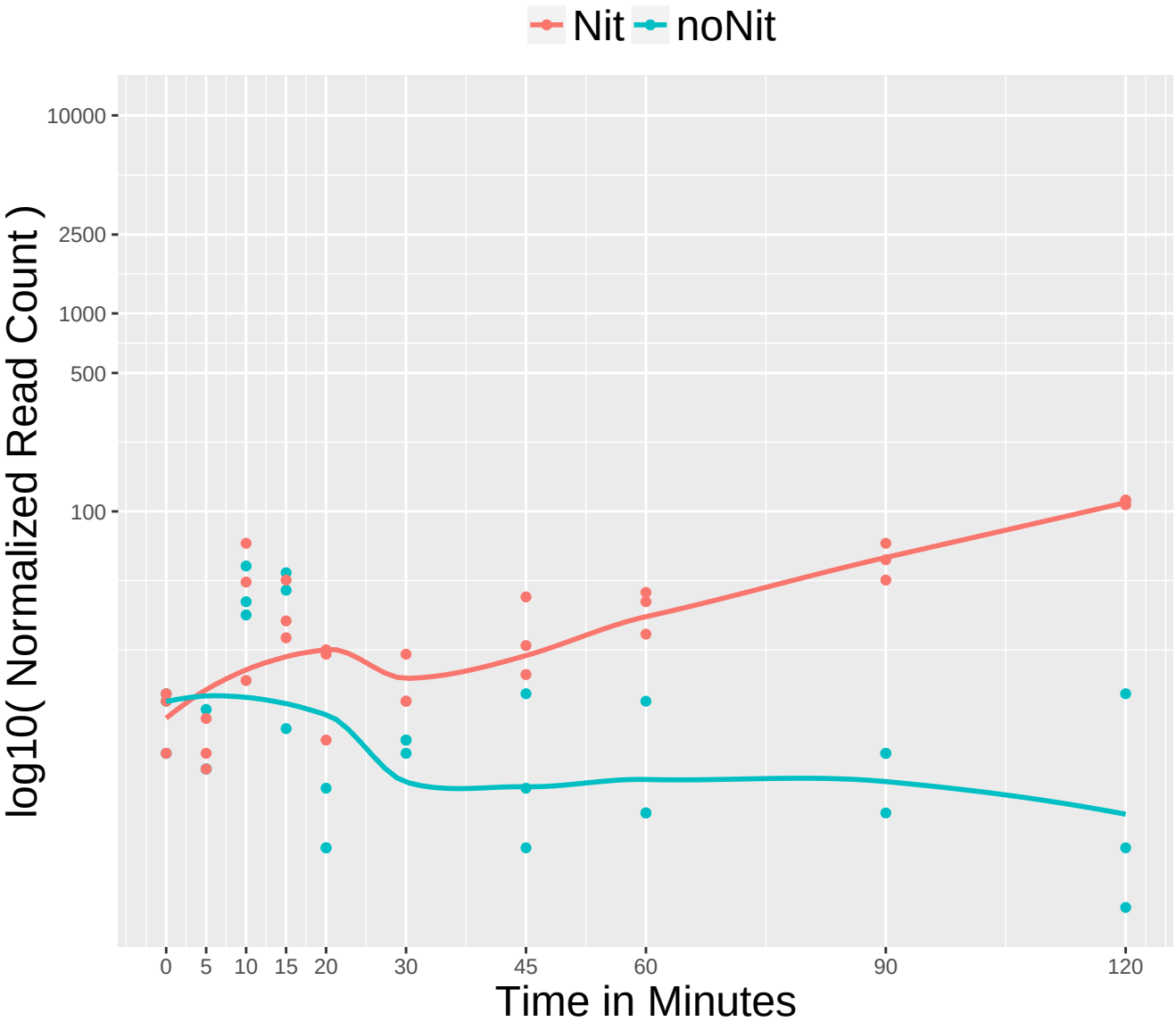
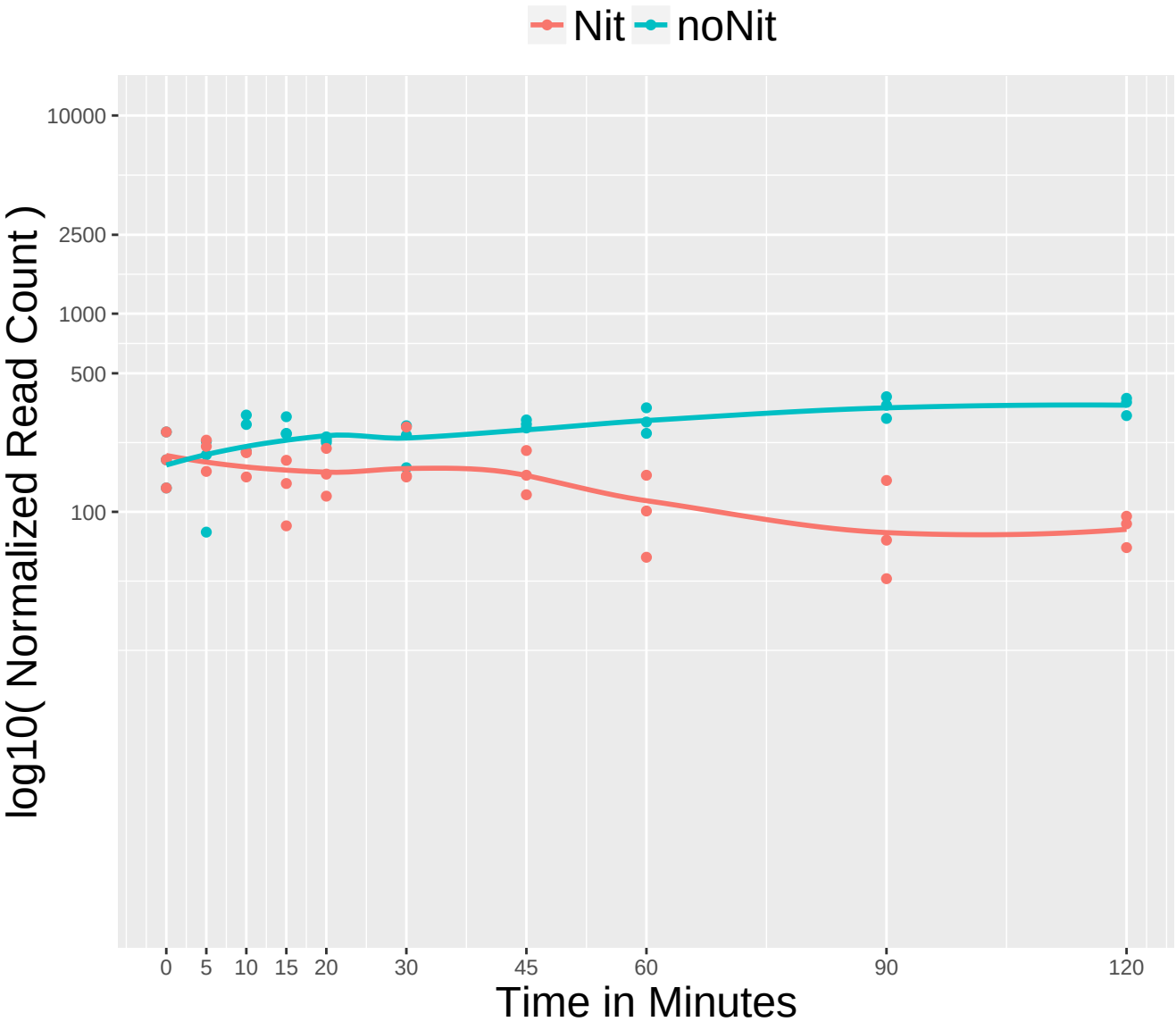
AtGDU5,glutamine



AT5G37980

Zinc−binding



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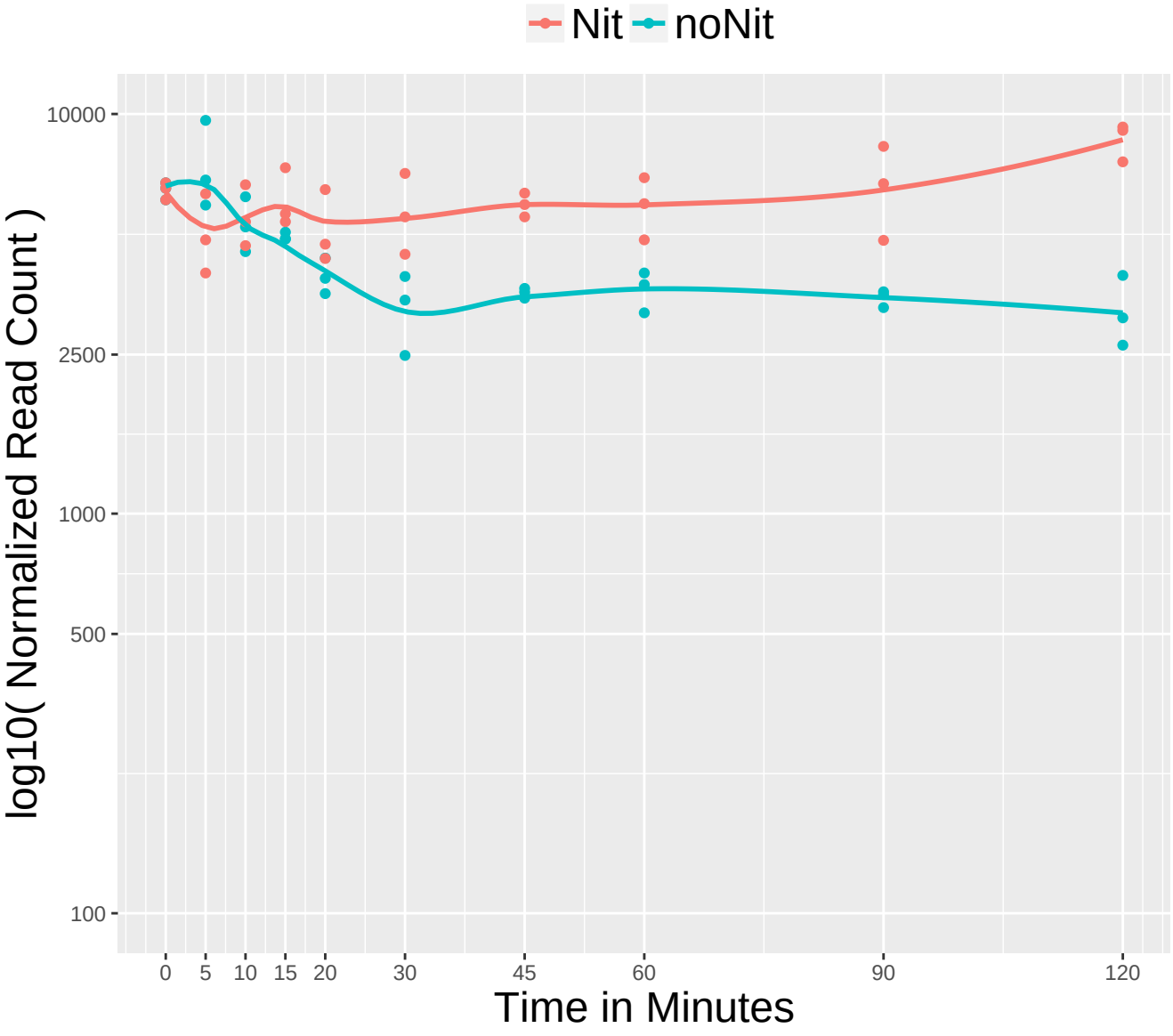
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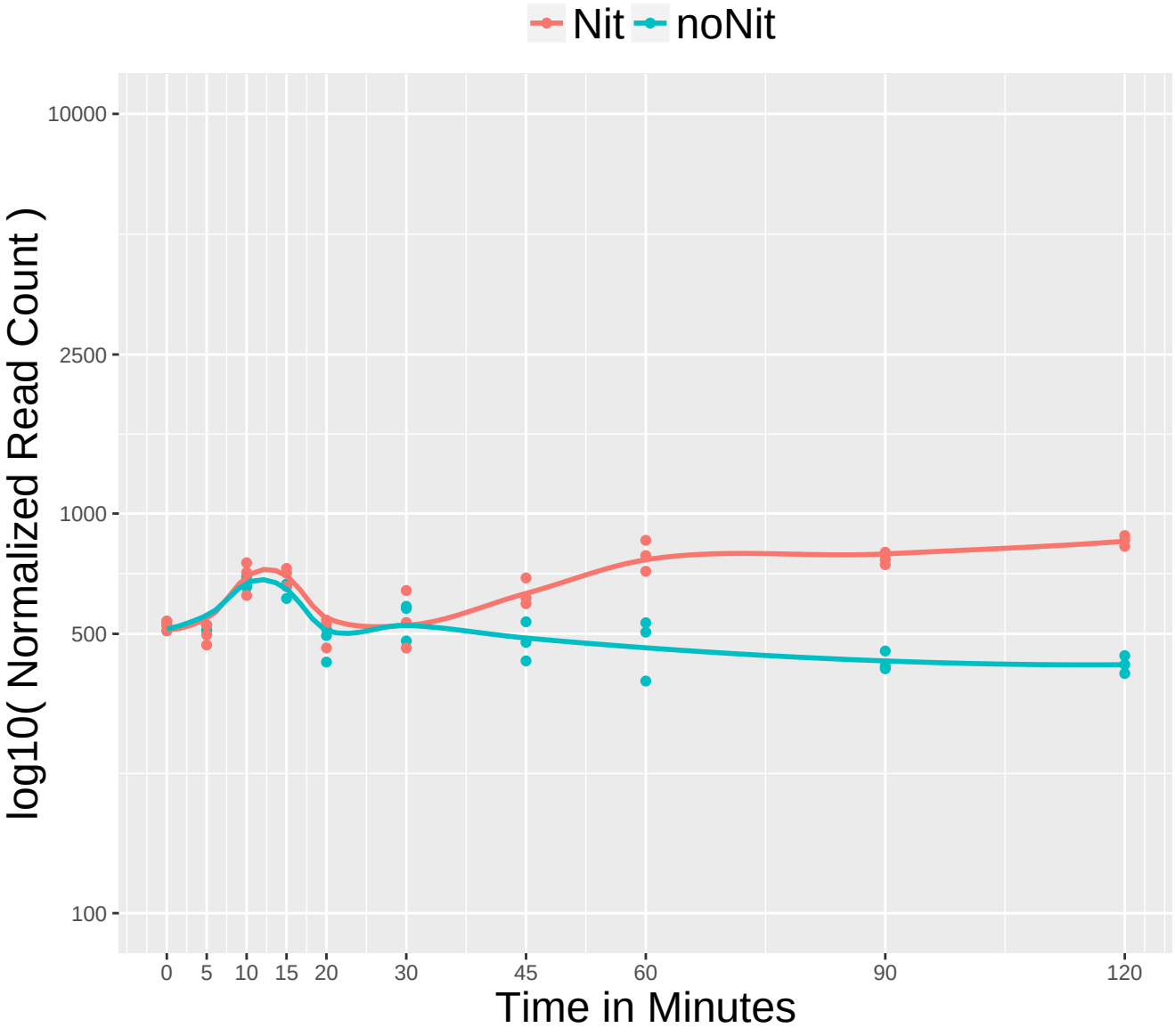
AT1G06380

Ribosomal



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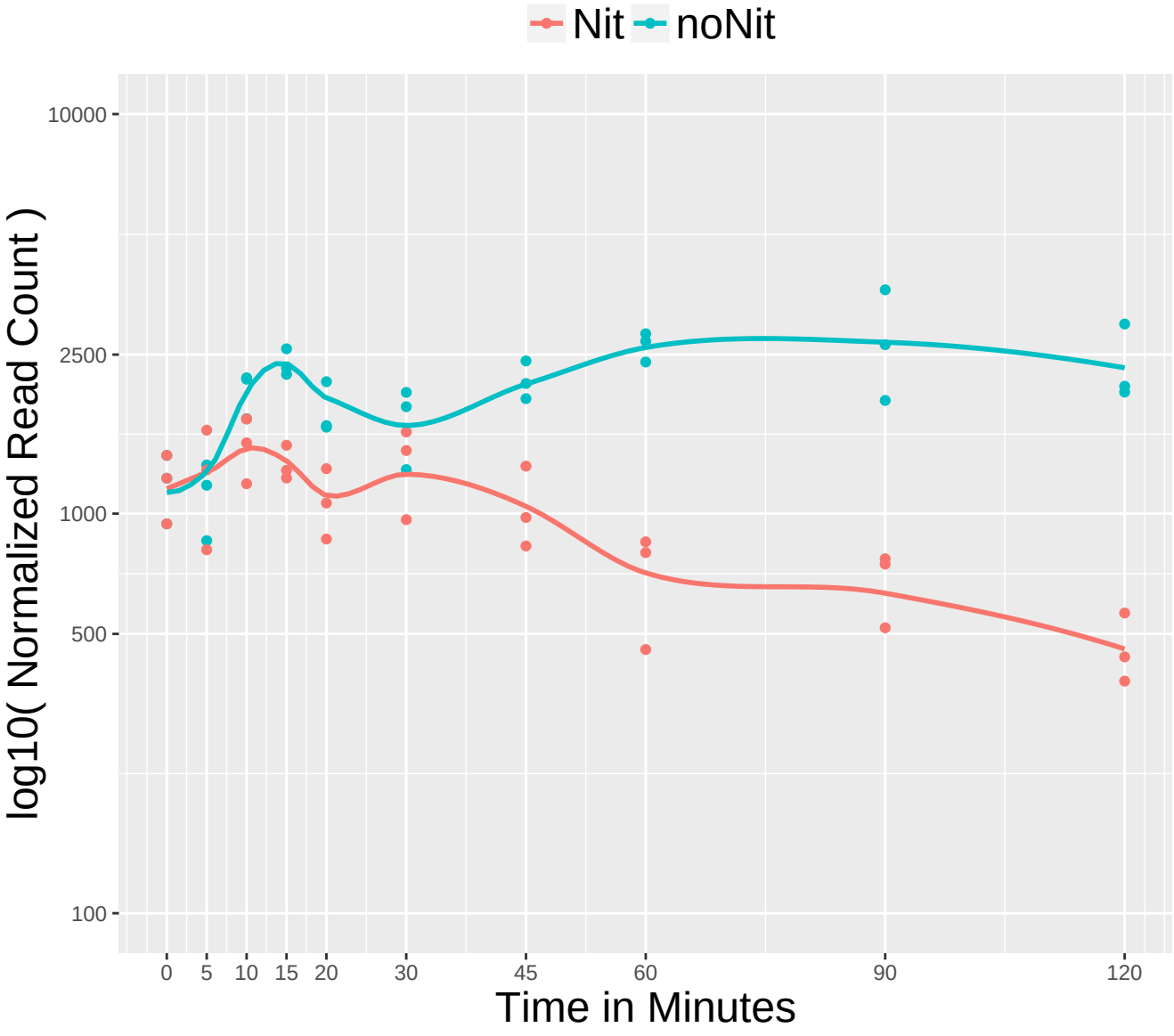
MAC/Perforin



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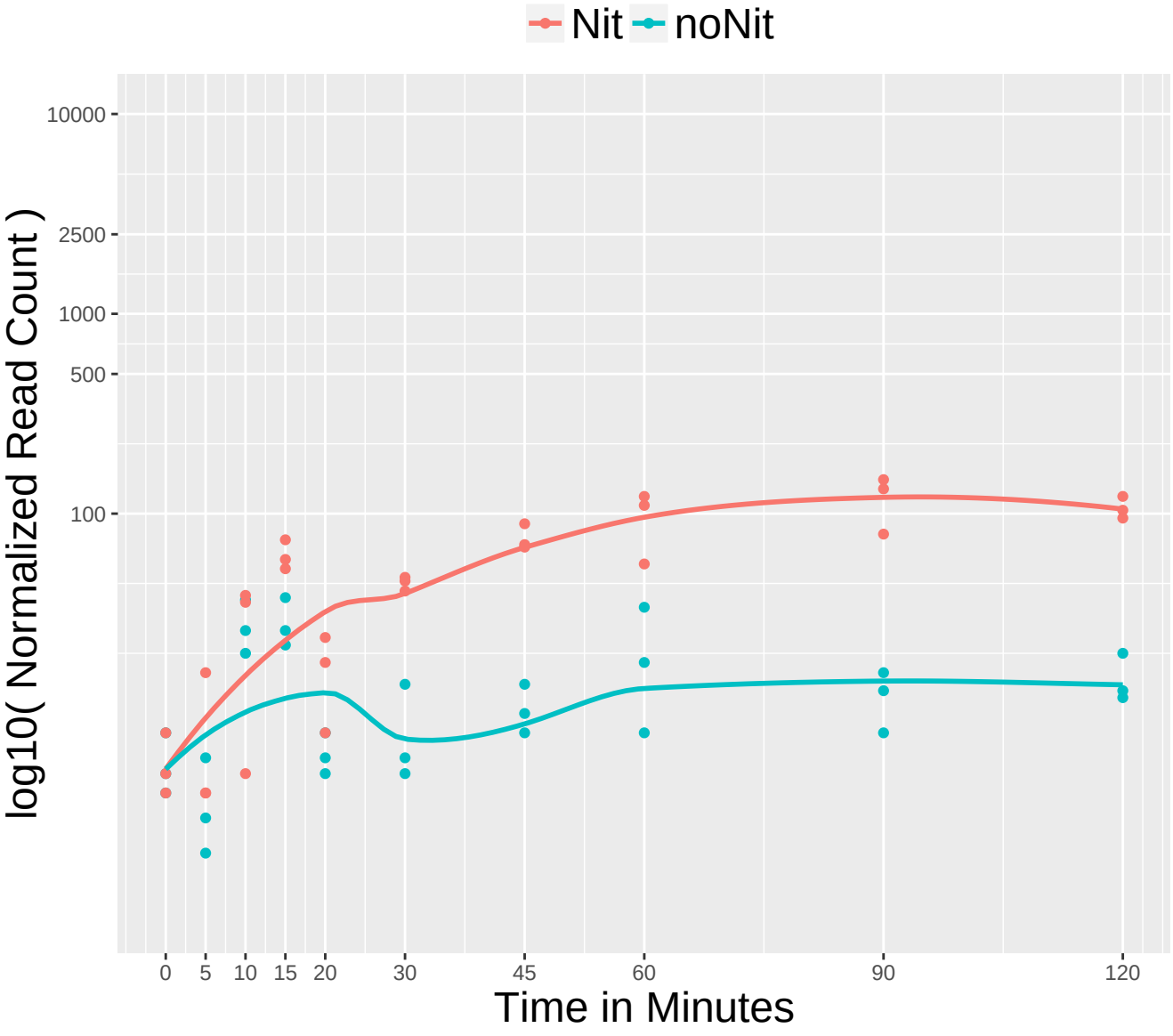
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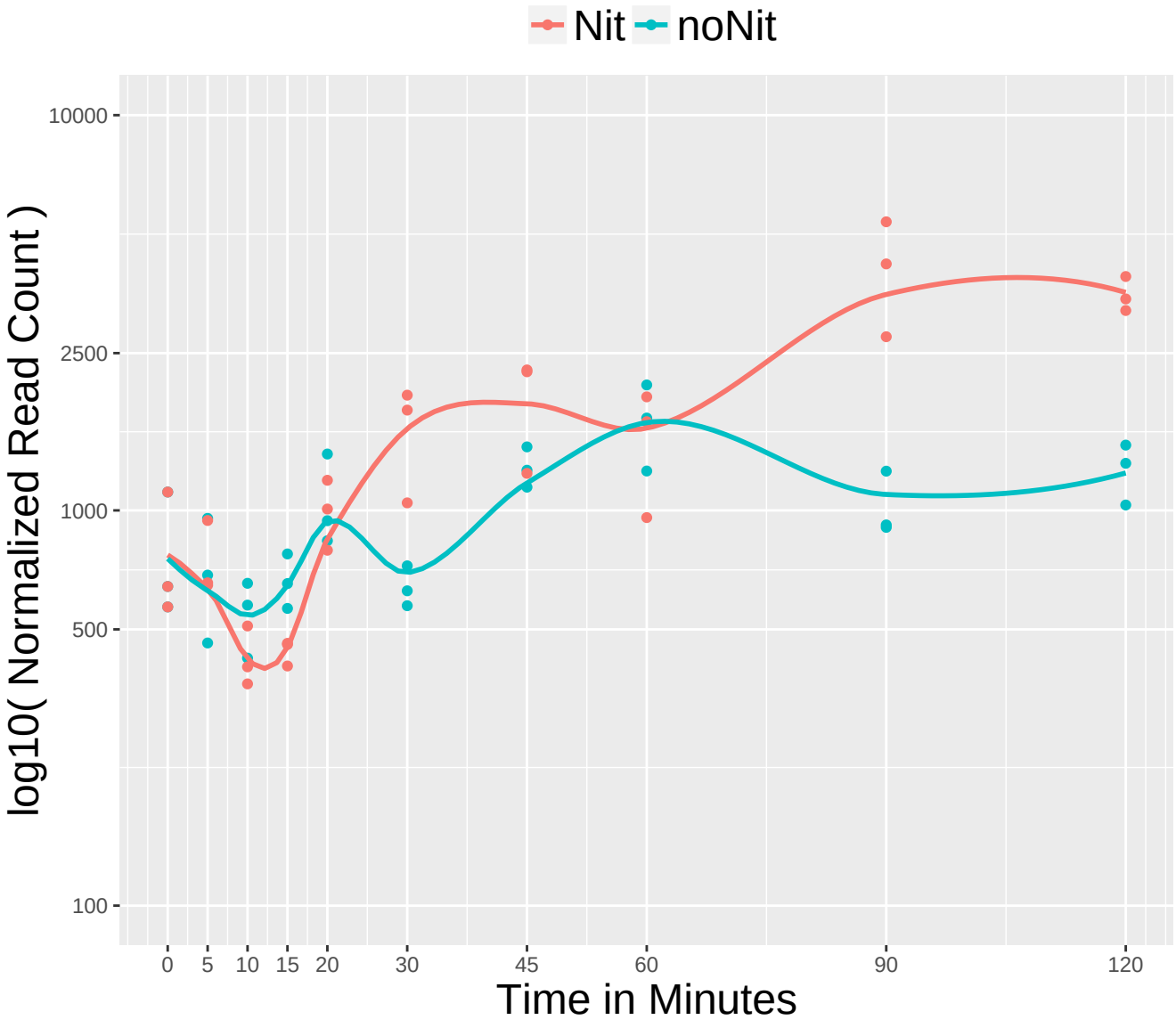
Time in Minutes

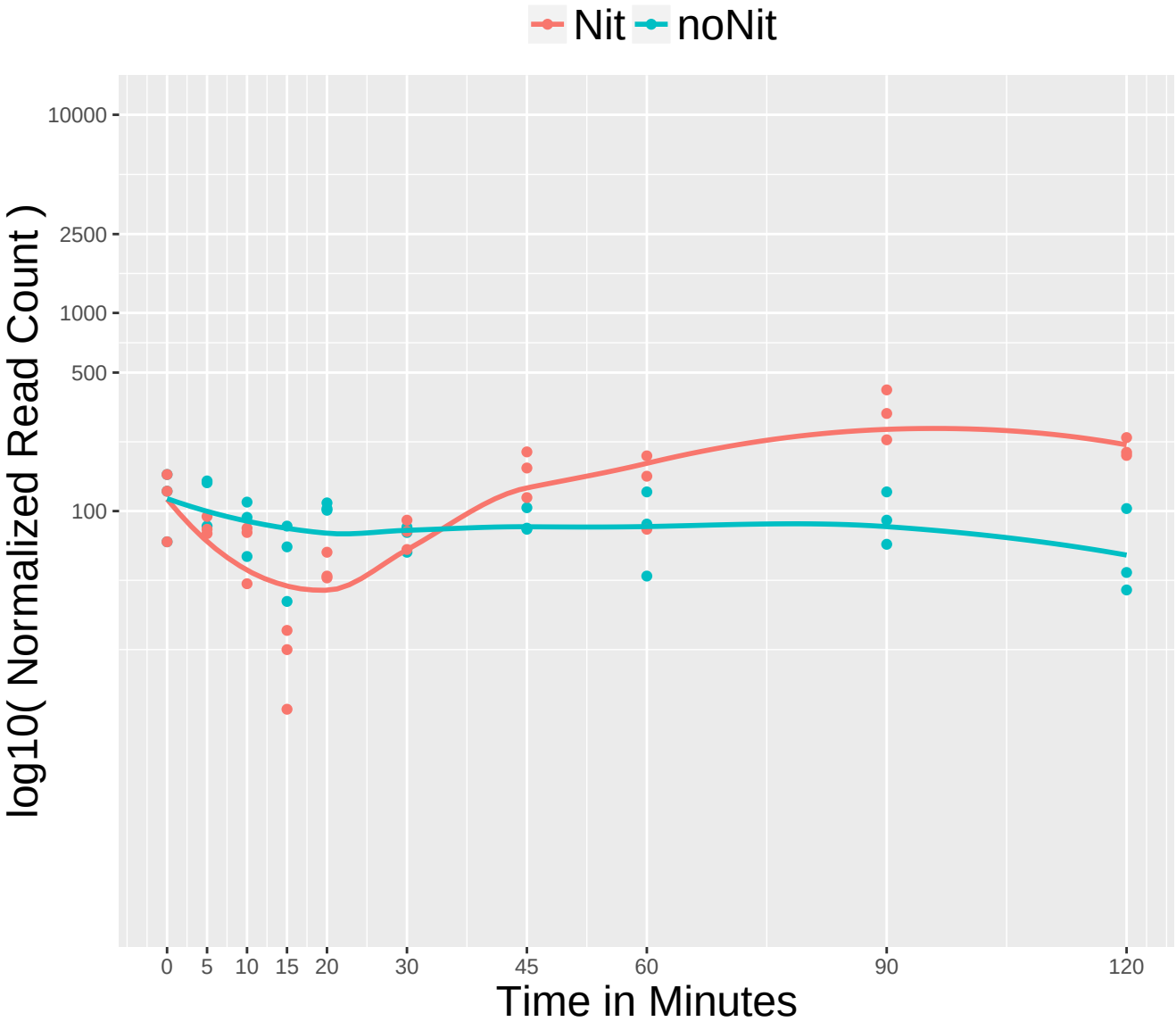
AT2G24720

ATGLR2.2,glutamate



AT2G33020

AtRLP24,receptor



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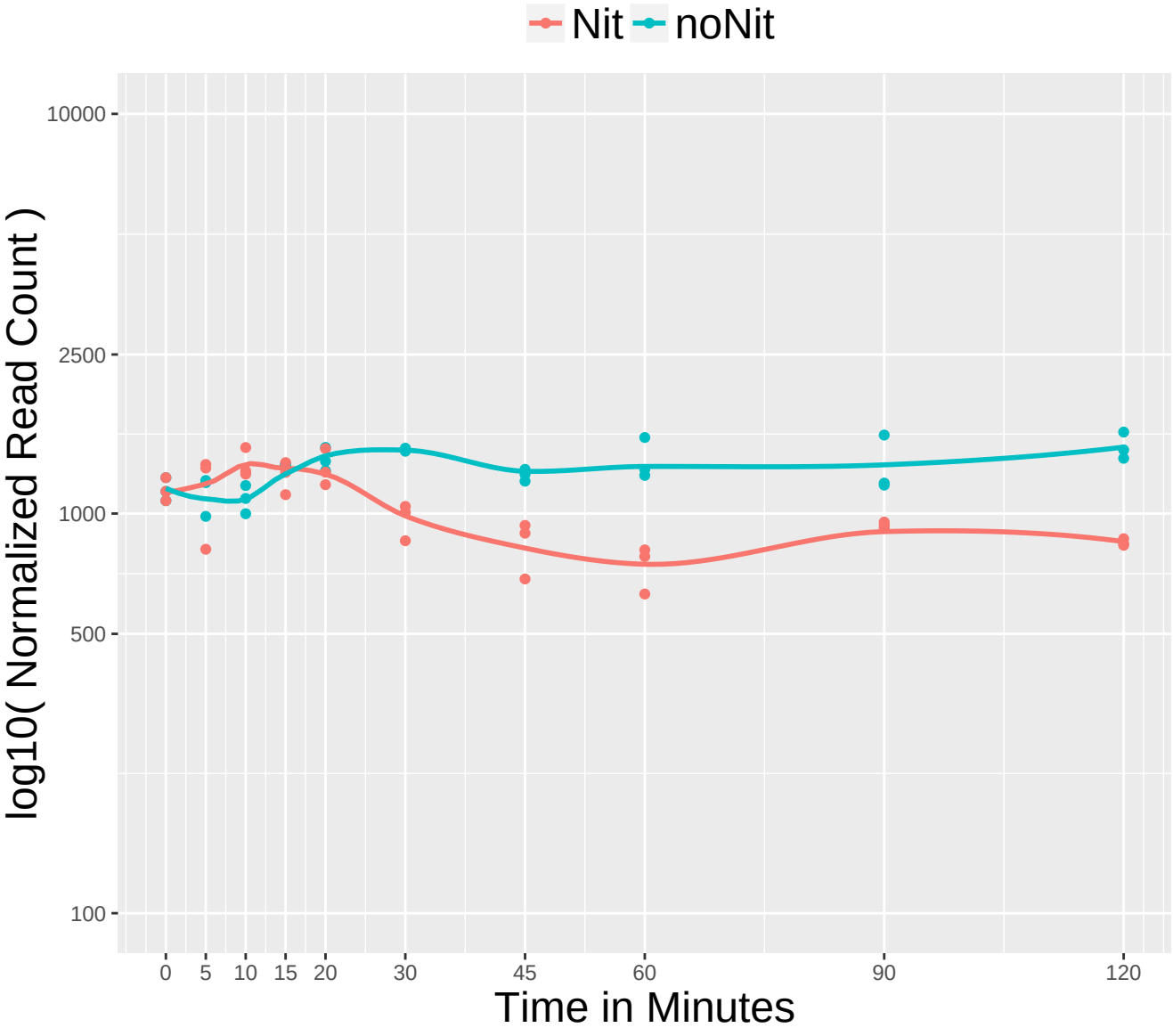
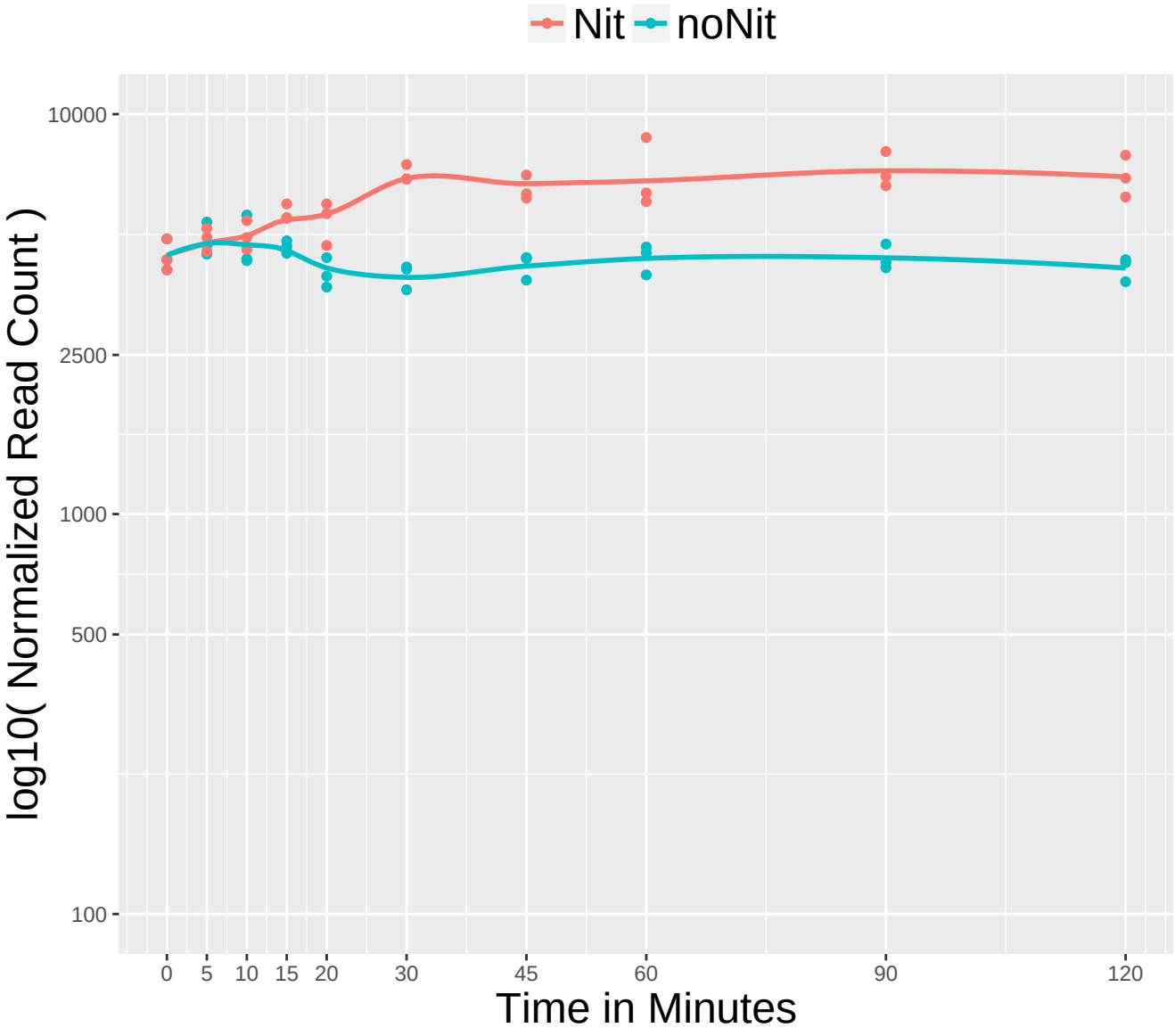
Leucine−rich



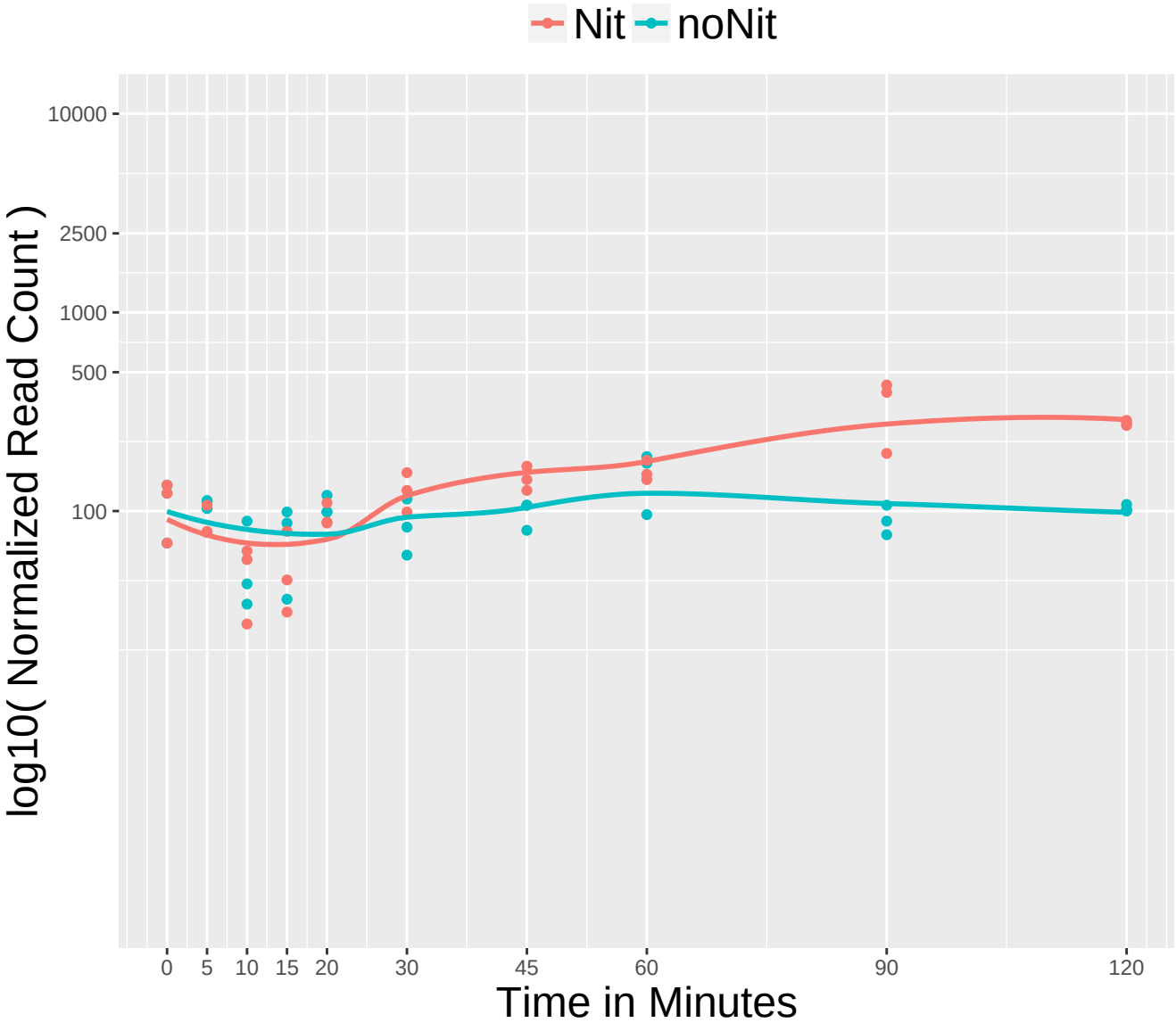
AT2G36320

A20/AN1−like



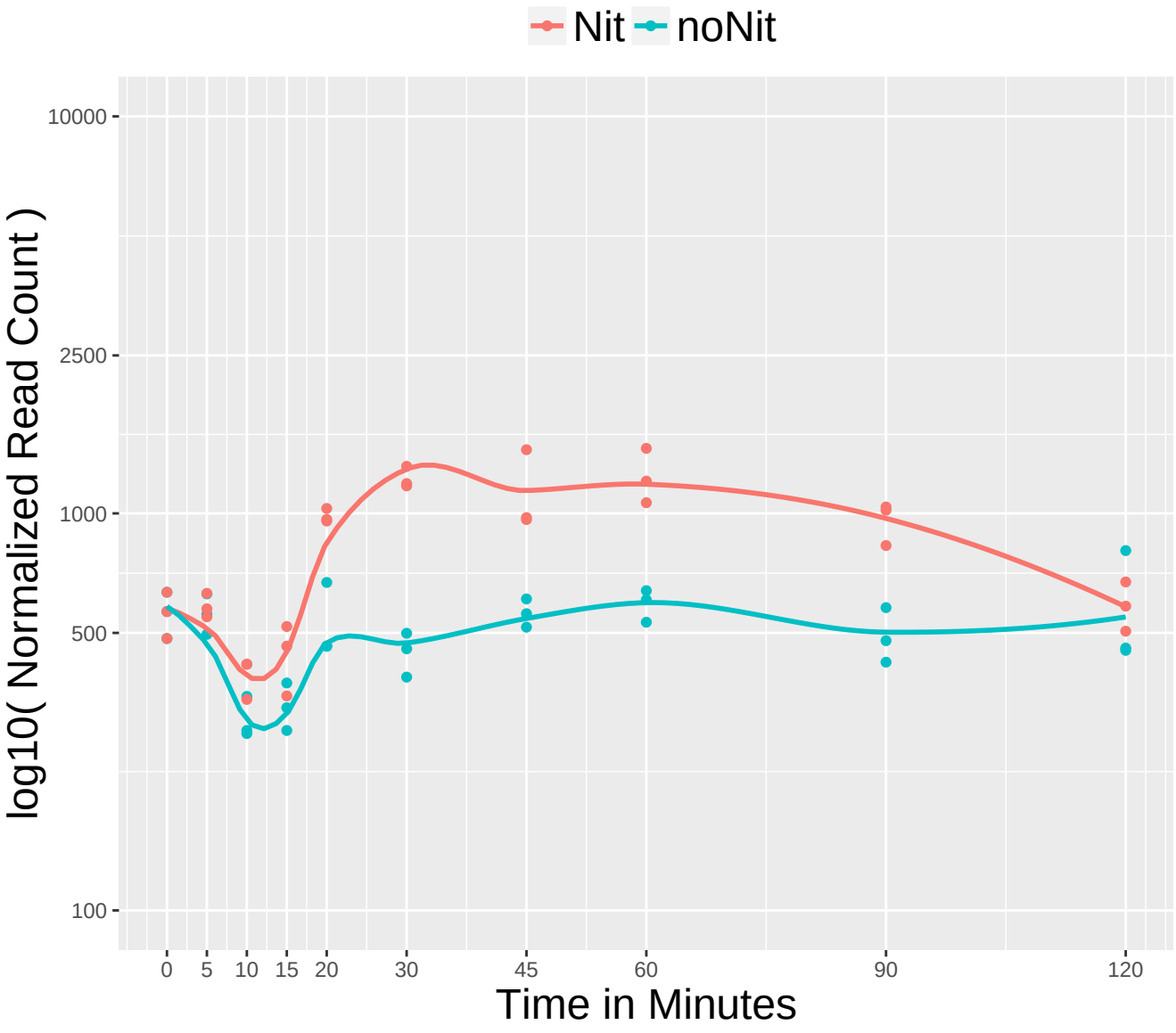
AT3G12520

SULTR4;2,sulfate



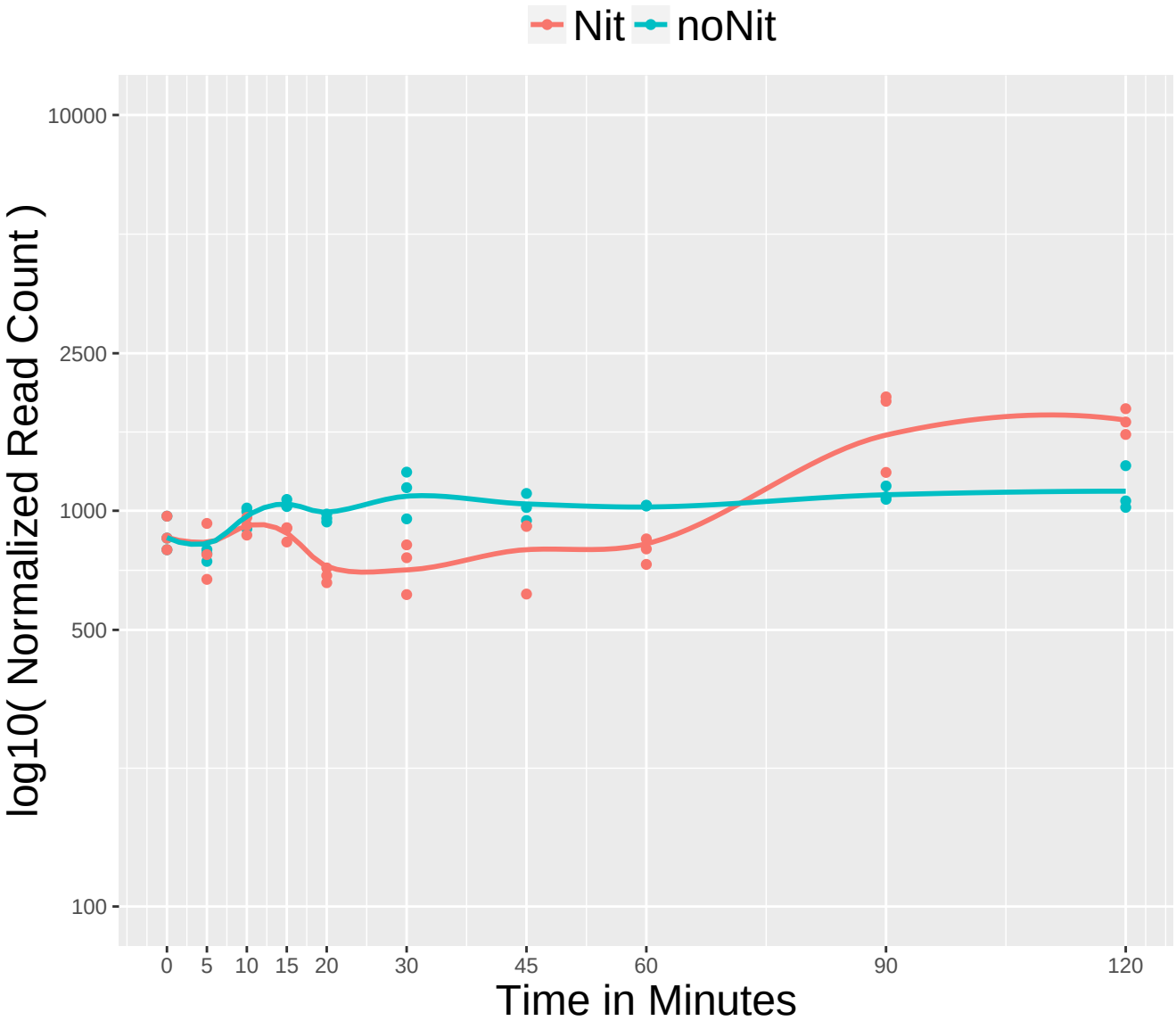
AT3G54990

SMZ,SCHLAFMUTZE



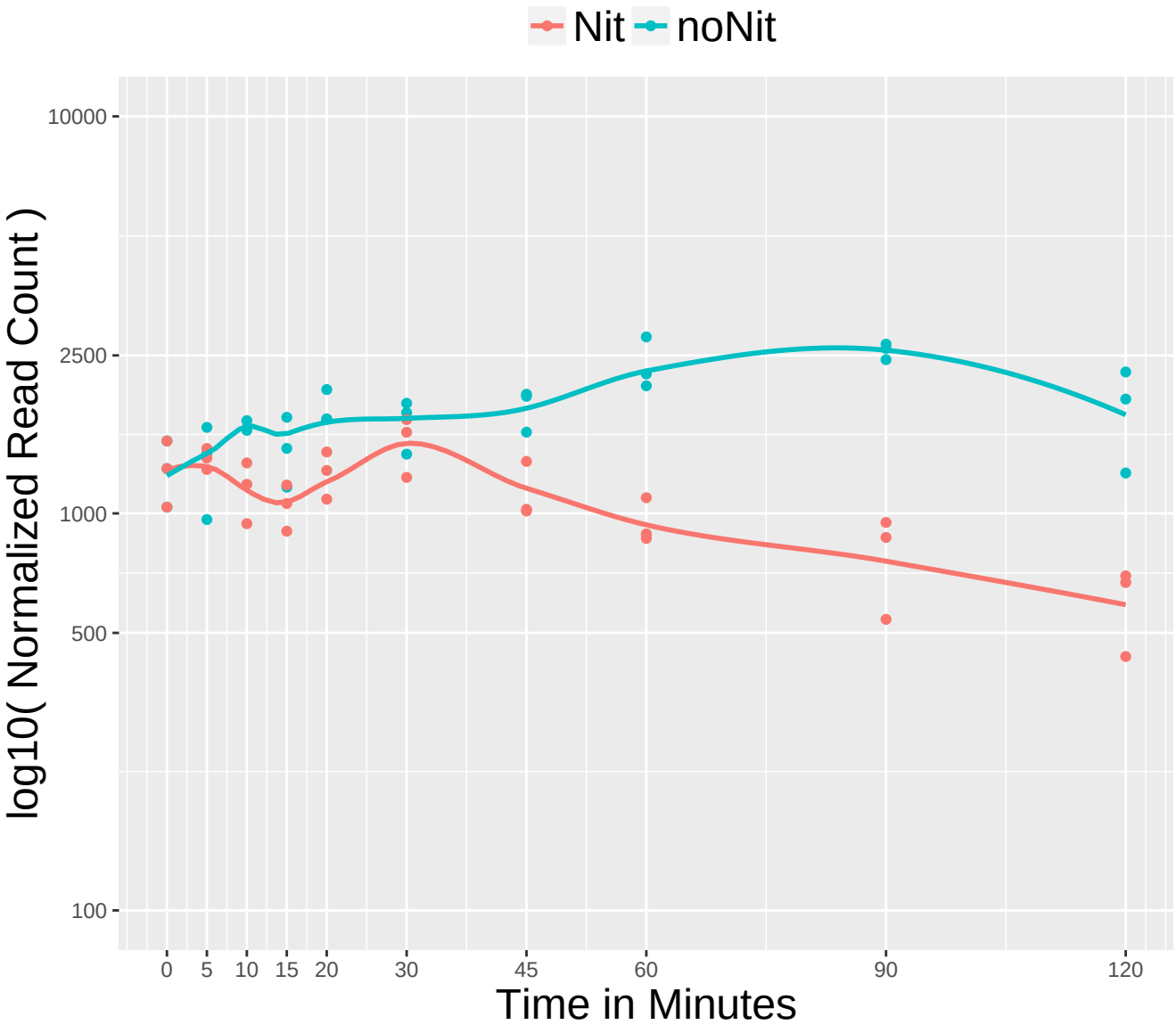
AT4G29720

ATPAO5,polyamine



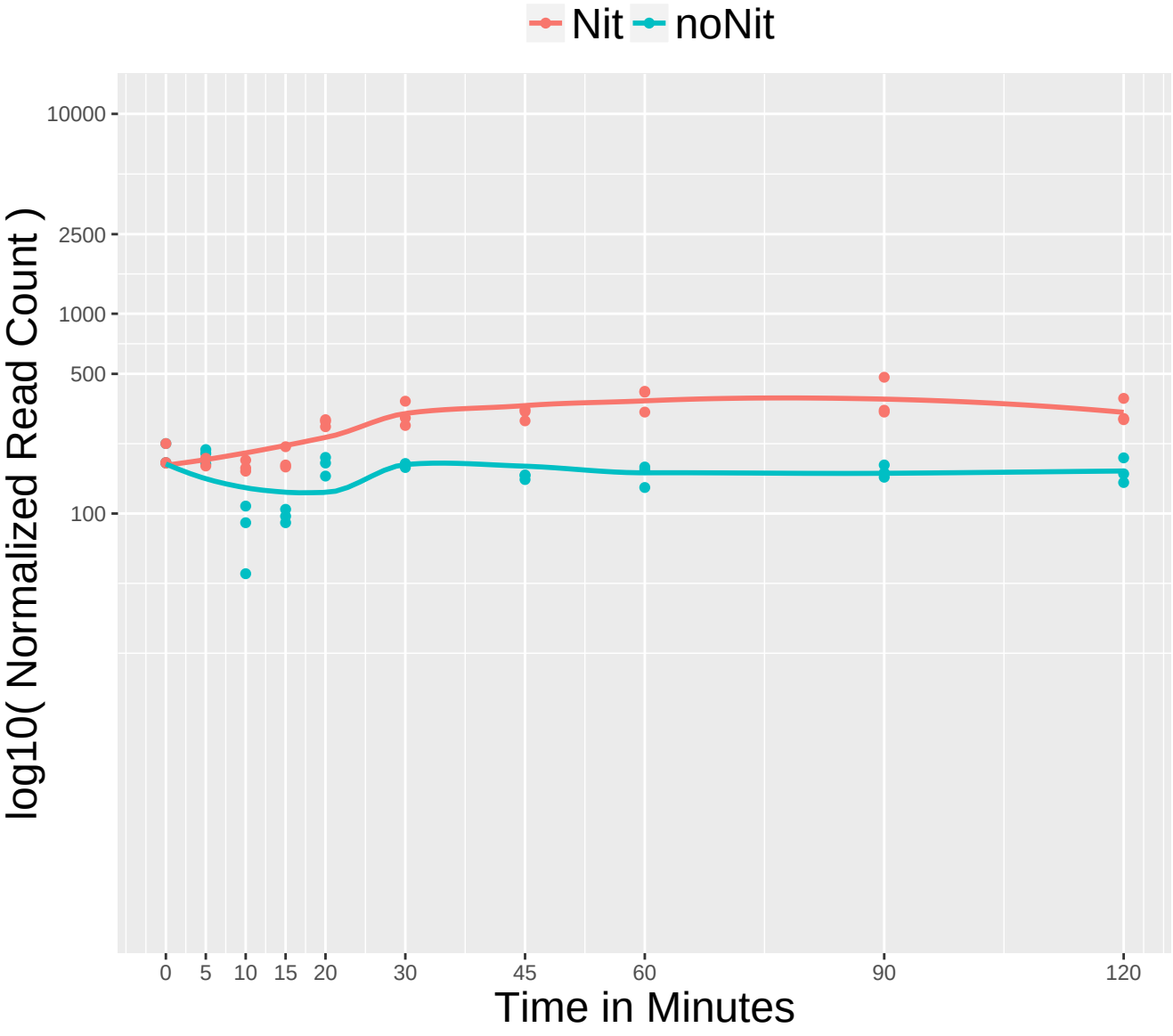
AT5G06510

NF−YA10,"nuclear



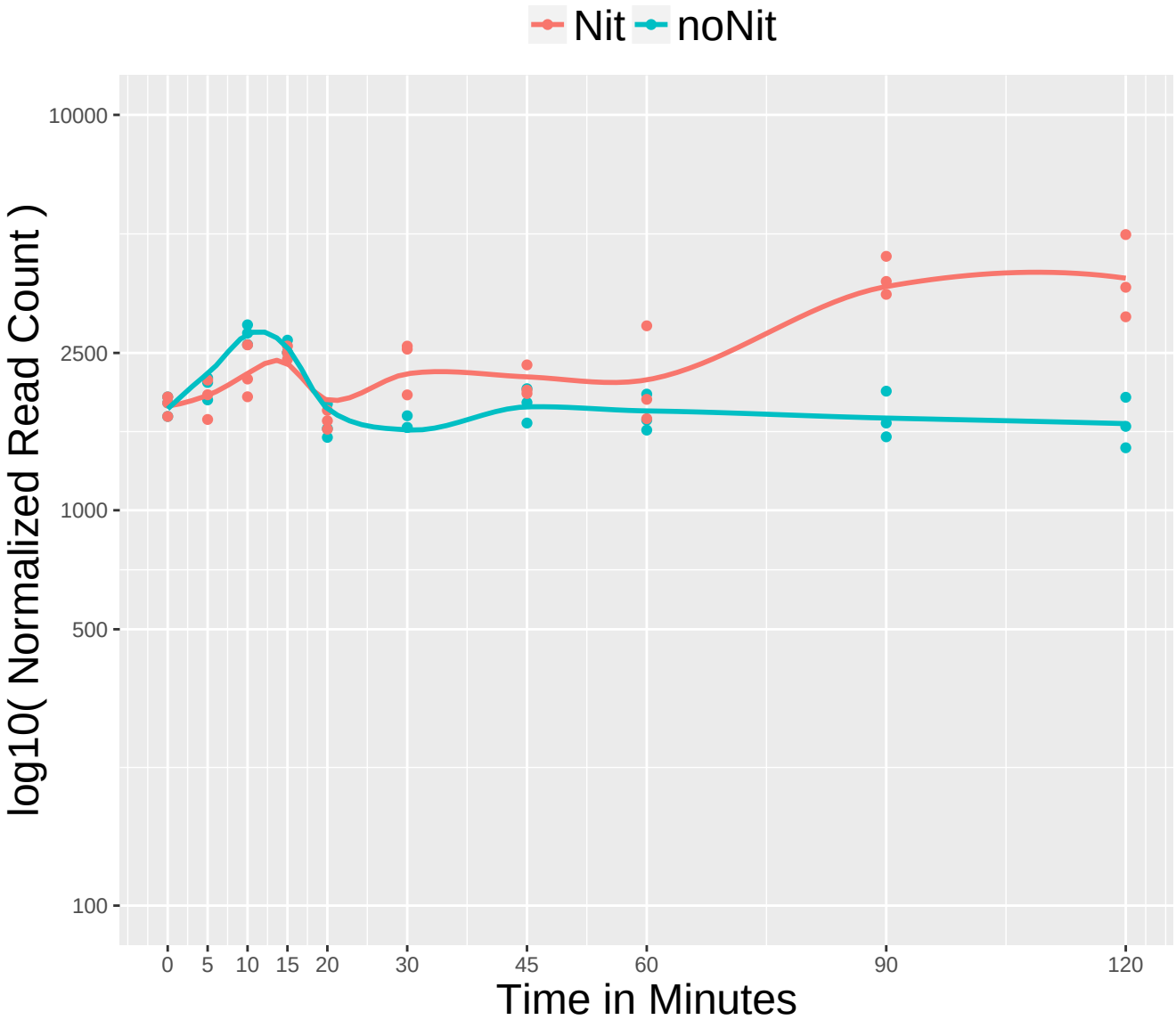
AT5G07900

Mitochondrial



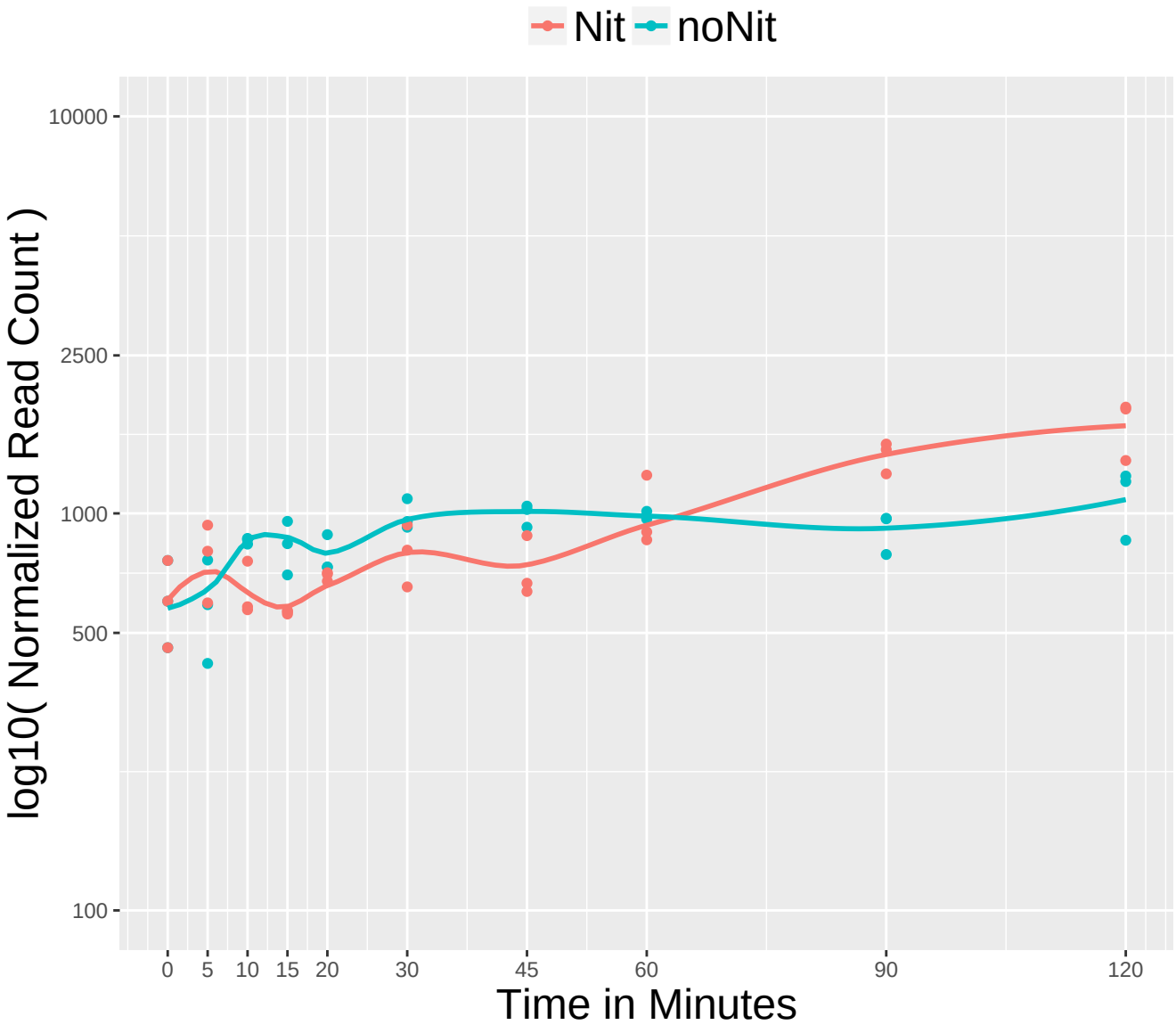
AT5G16370

AAE5,acyl



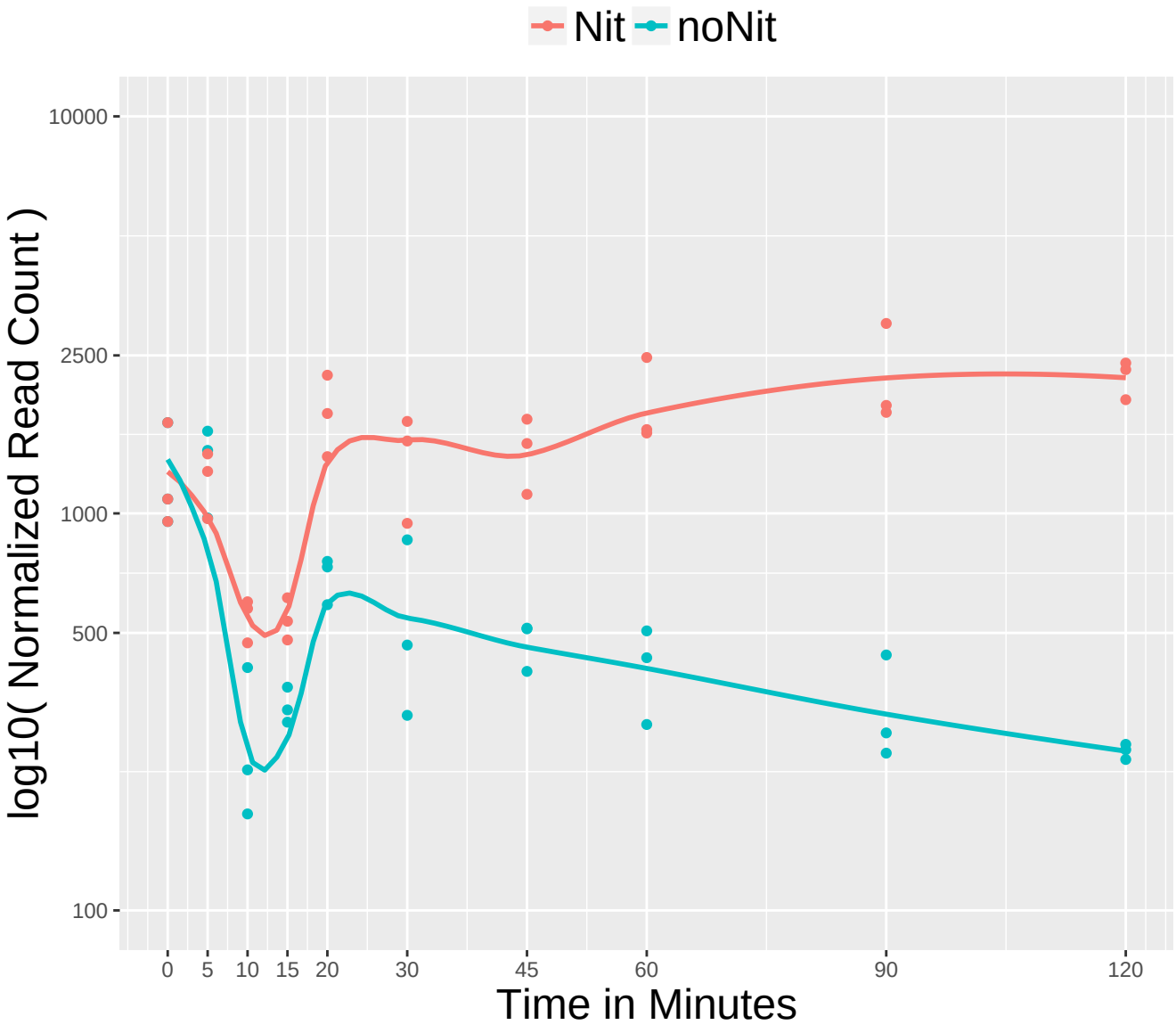
AT5G26340

ATSTP13,SUGAR



AT5G37260

CIR1,CIRCADIAN



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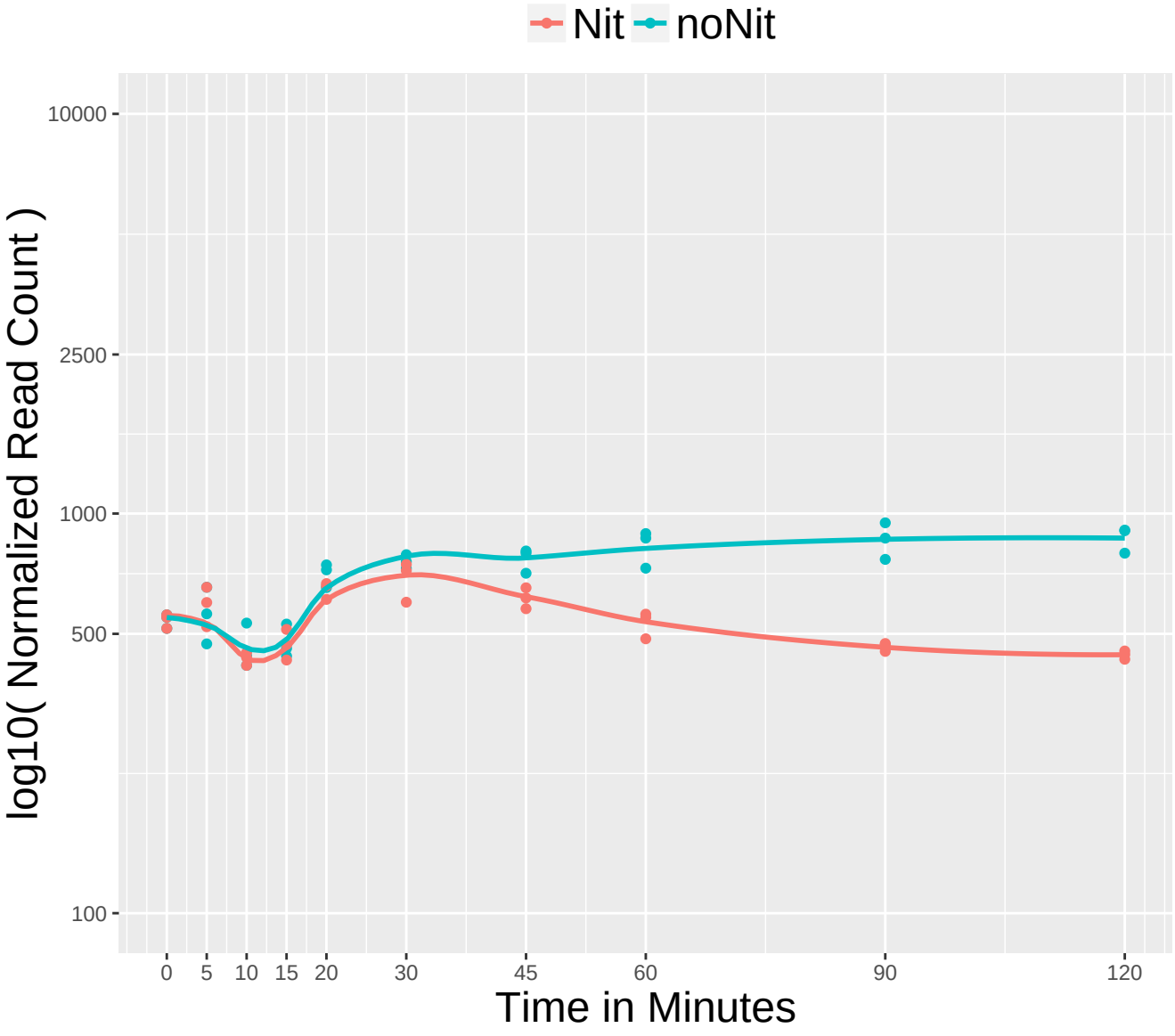
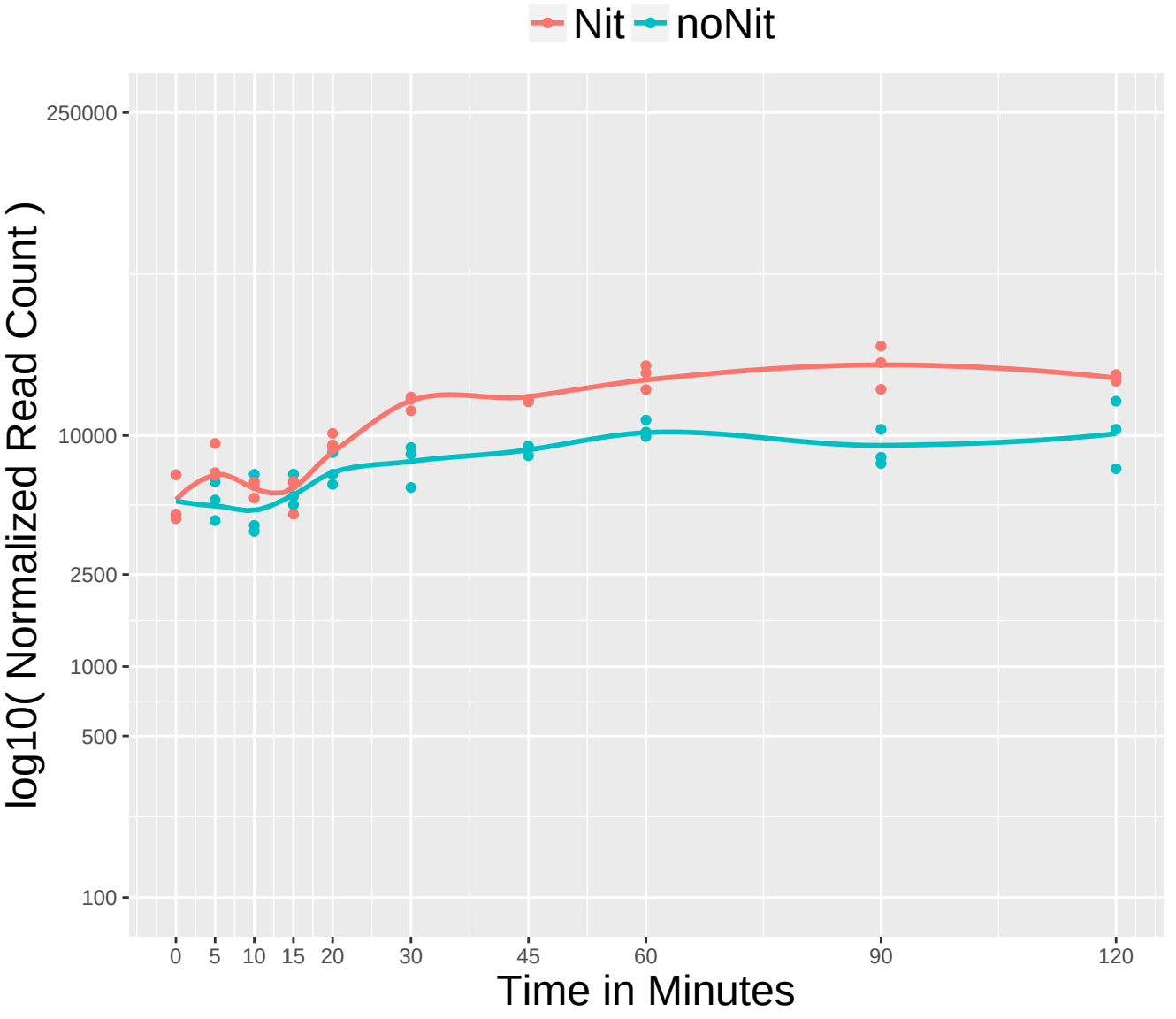
Transmembrane



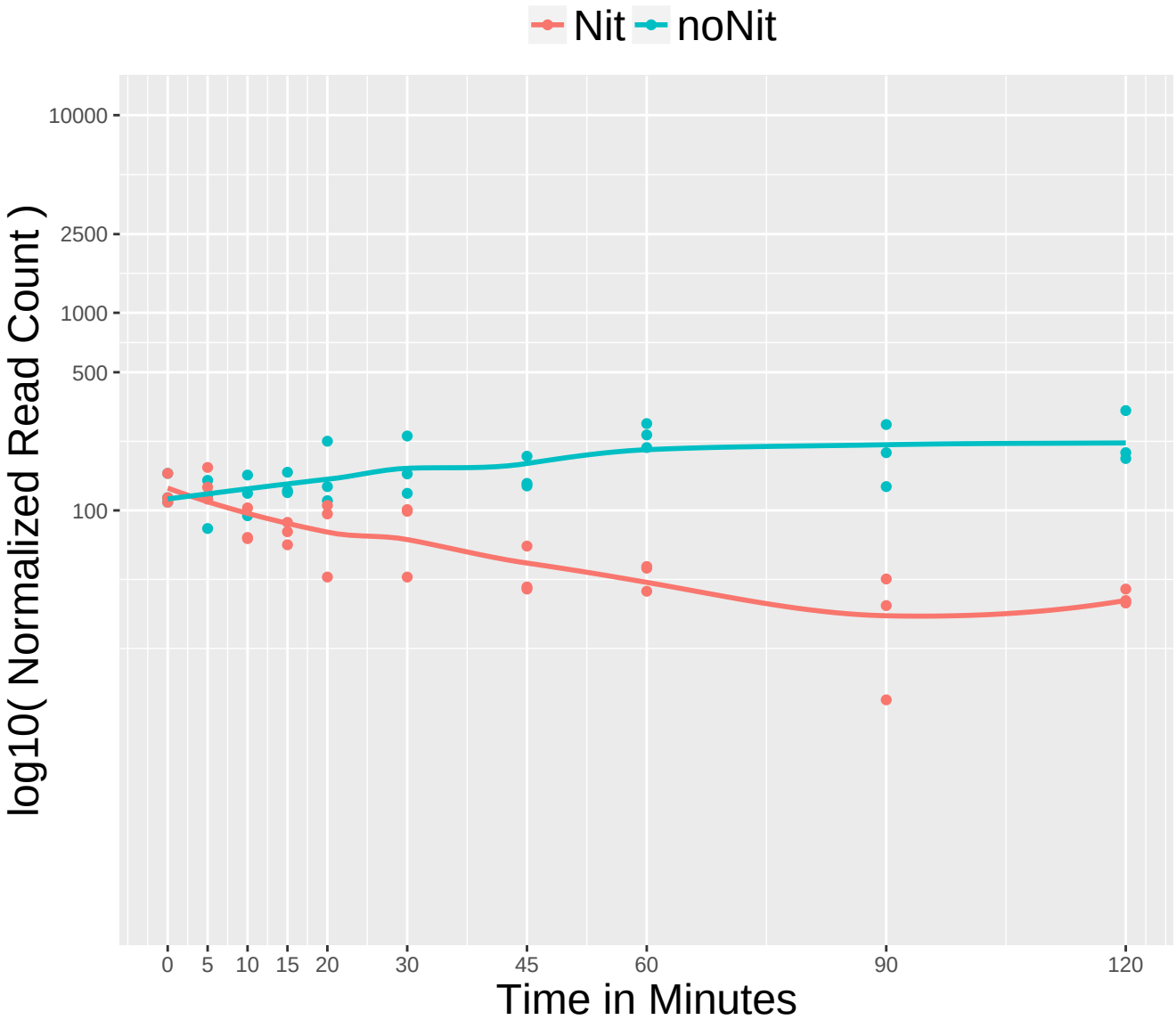
AT5G49480

ATCP1,Ca2+−binding



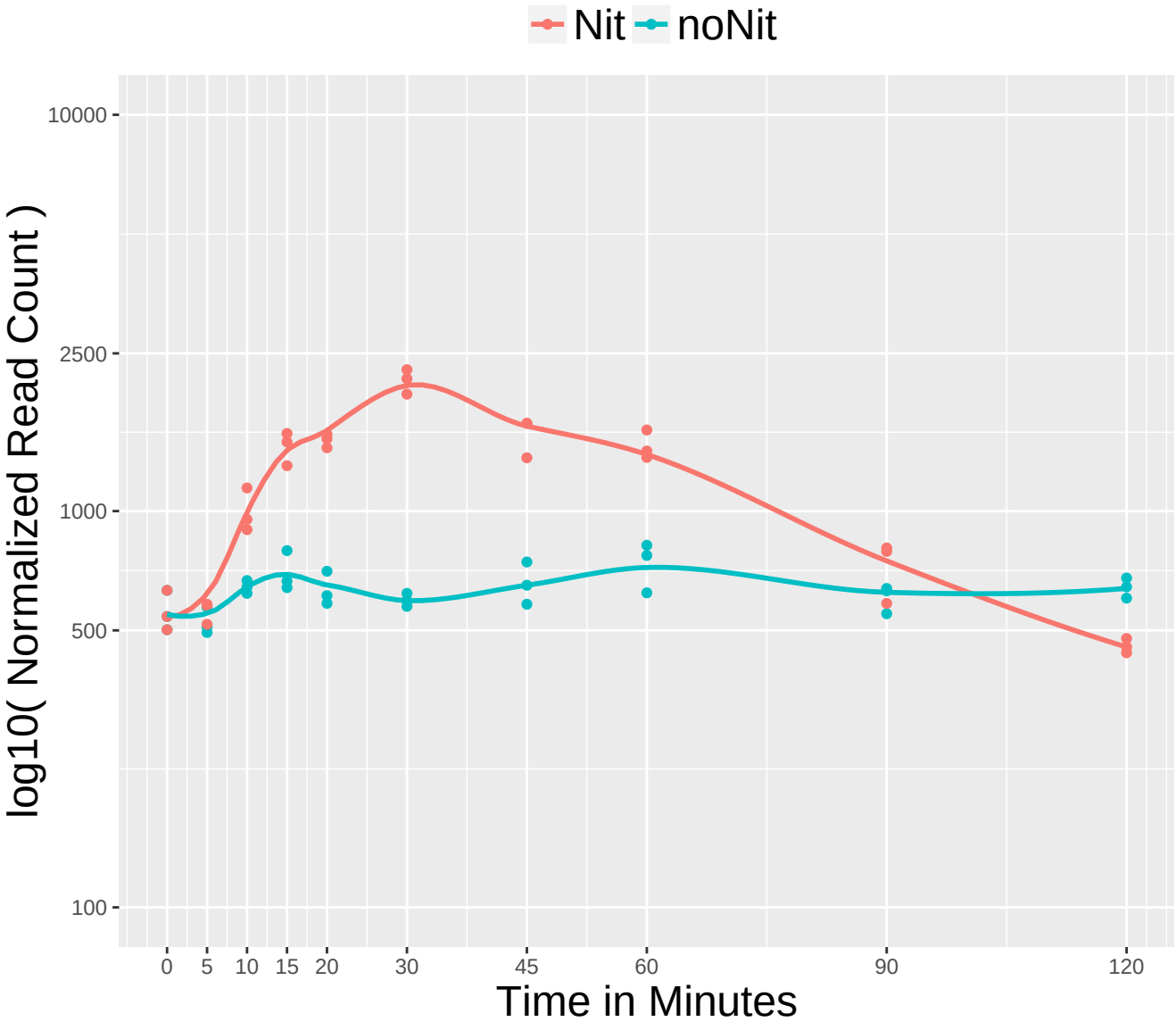
AT5G50130

NAD(P)−binding



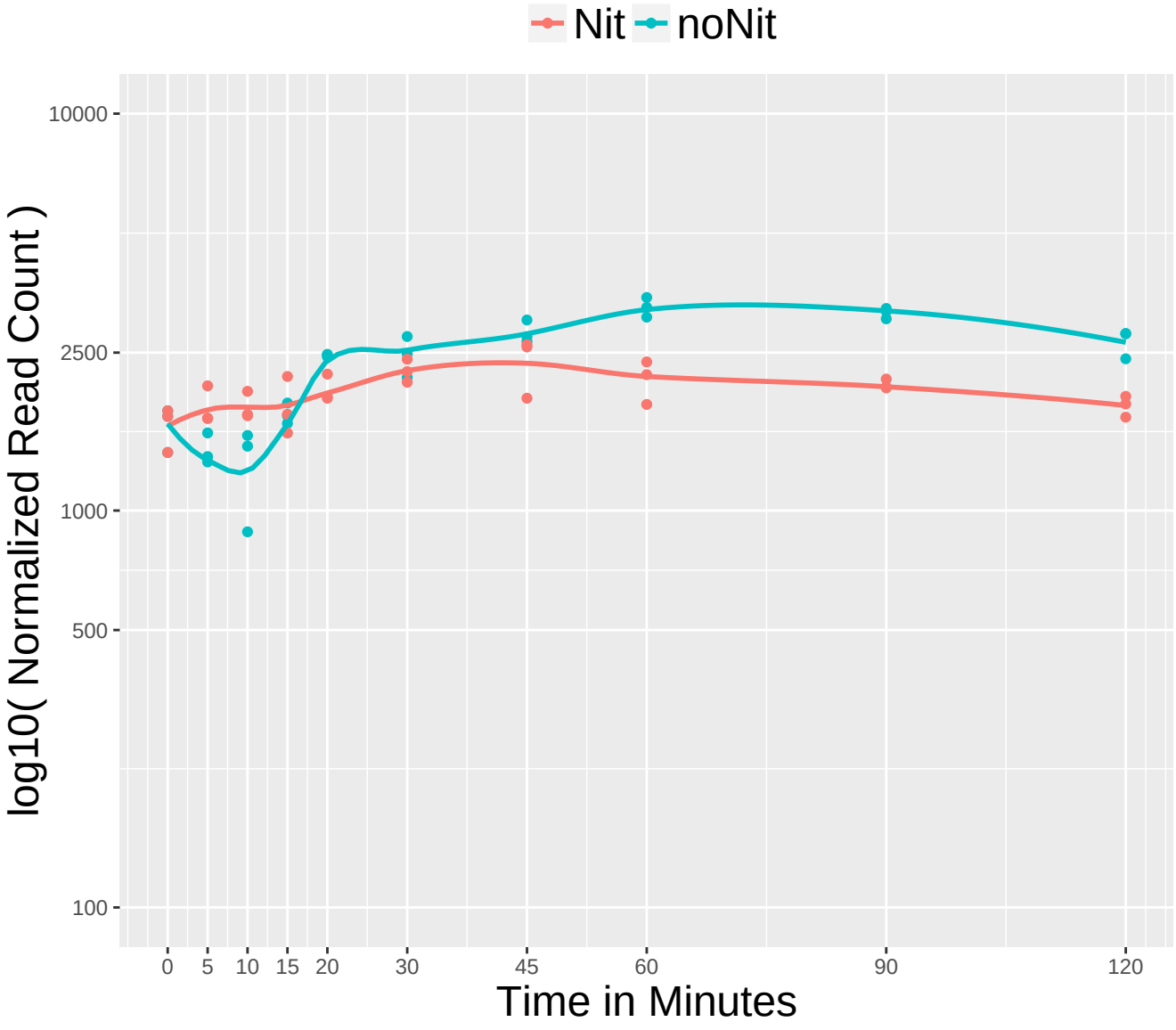
AT5G51050

APC2,ATP/phosphate



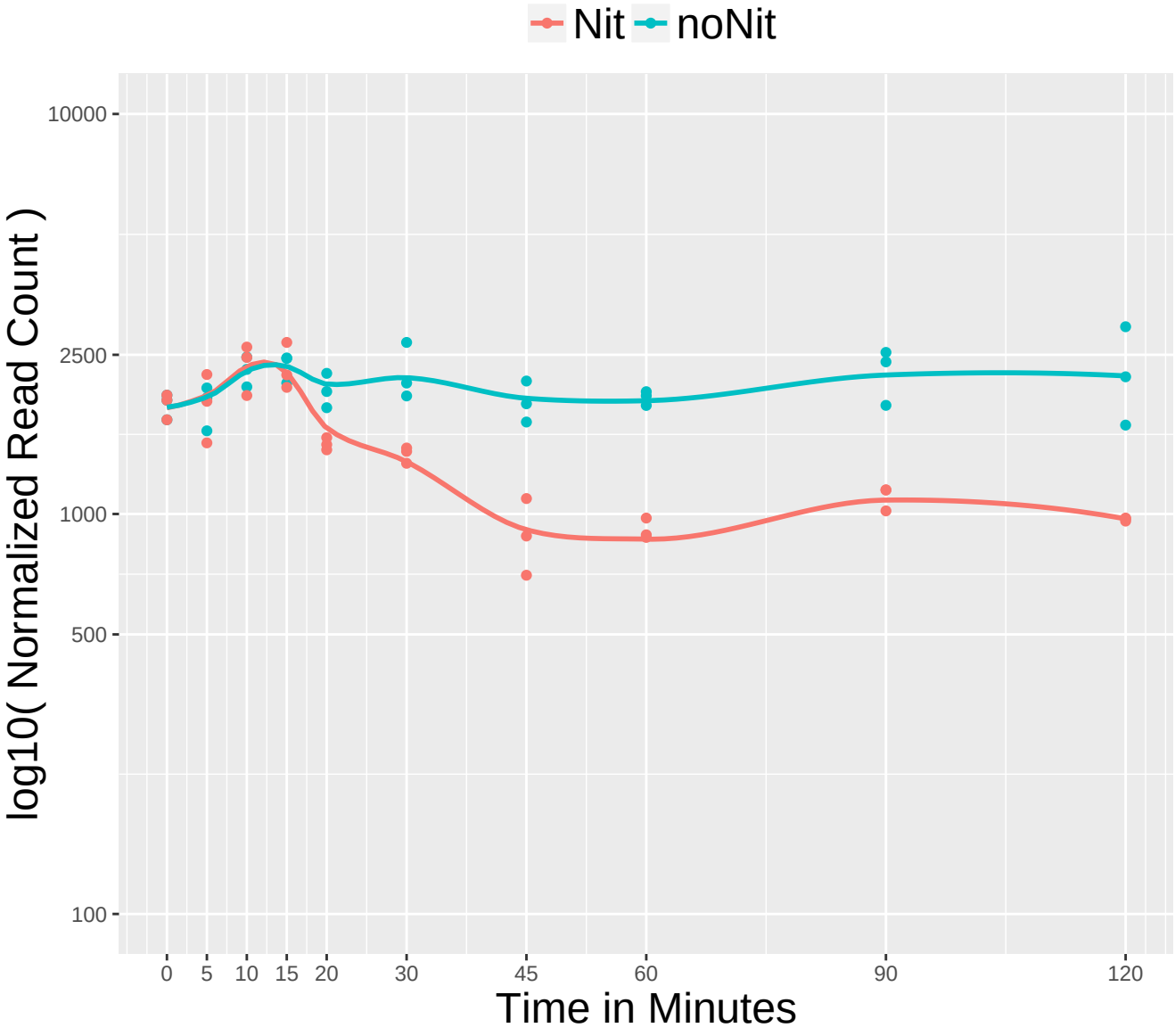
AT5G55910

D6PK,D6



AT1G11050

Protein



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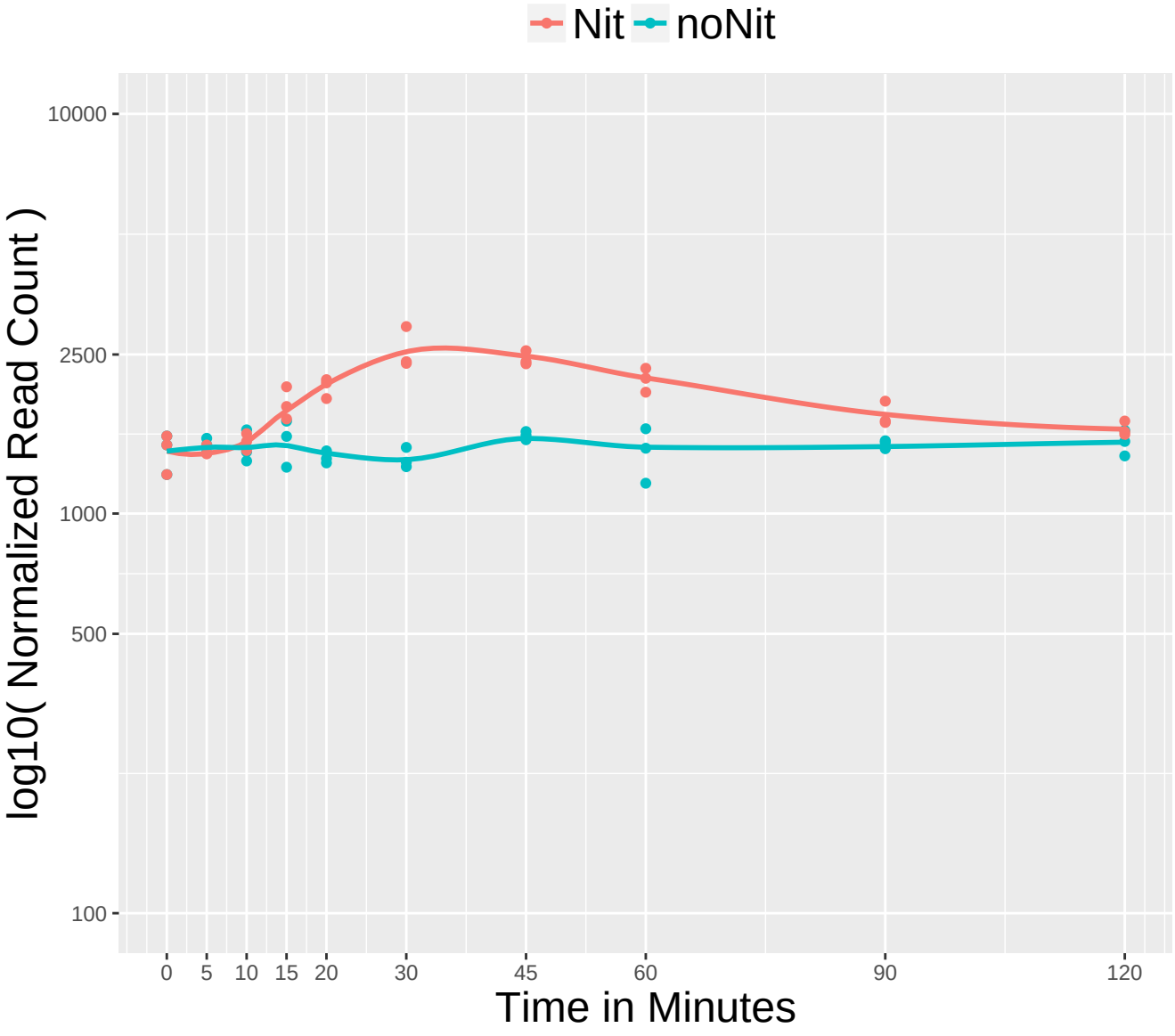
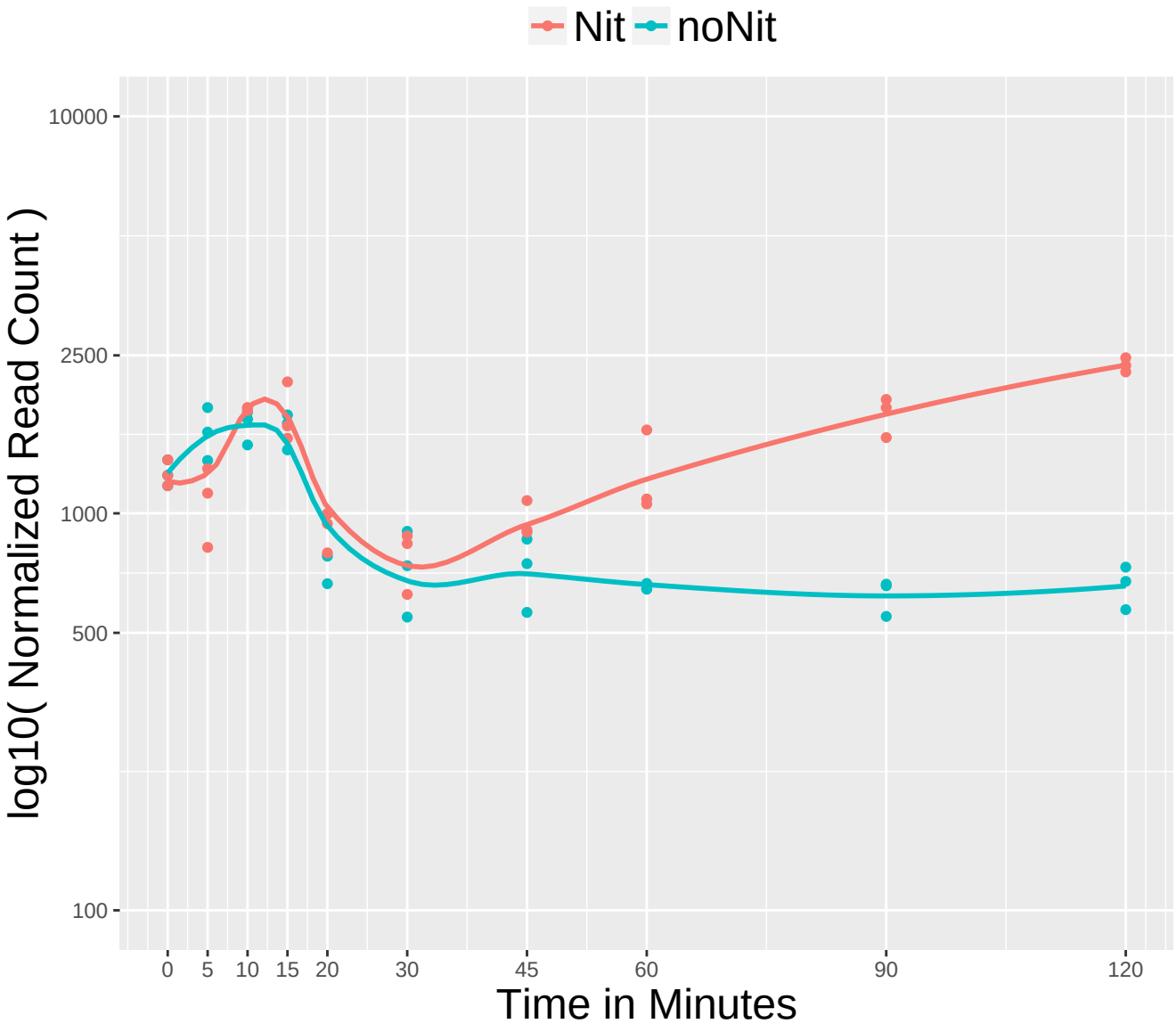


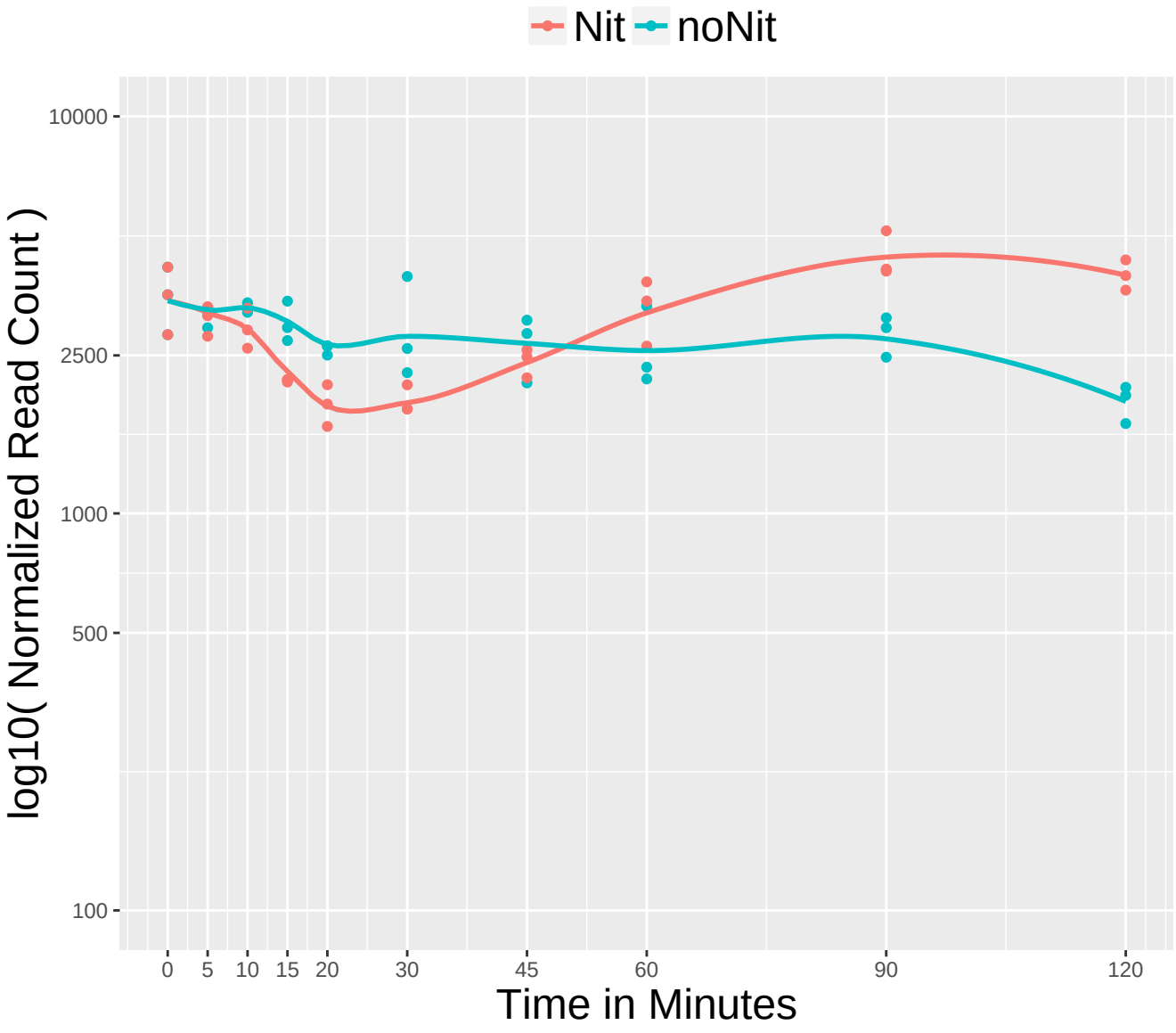
AT1G13740

AFP2,ABI



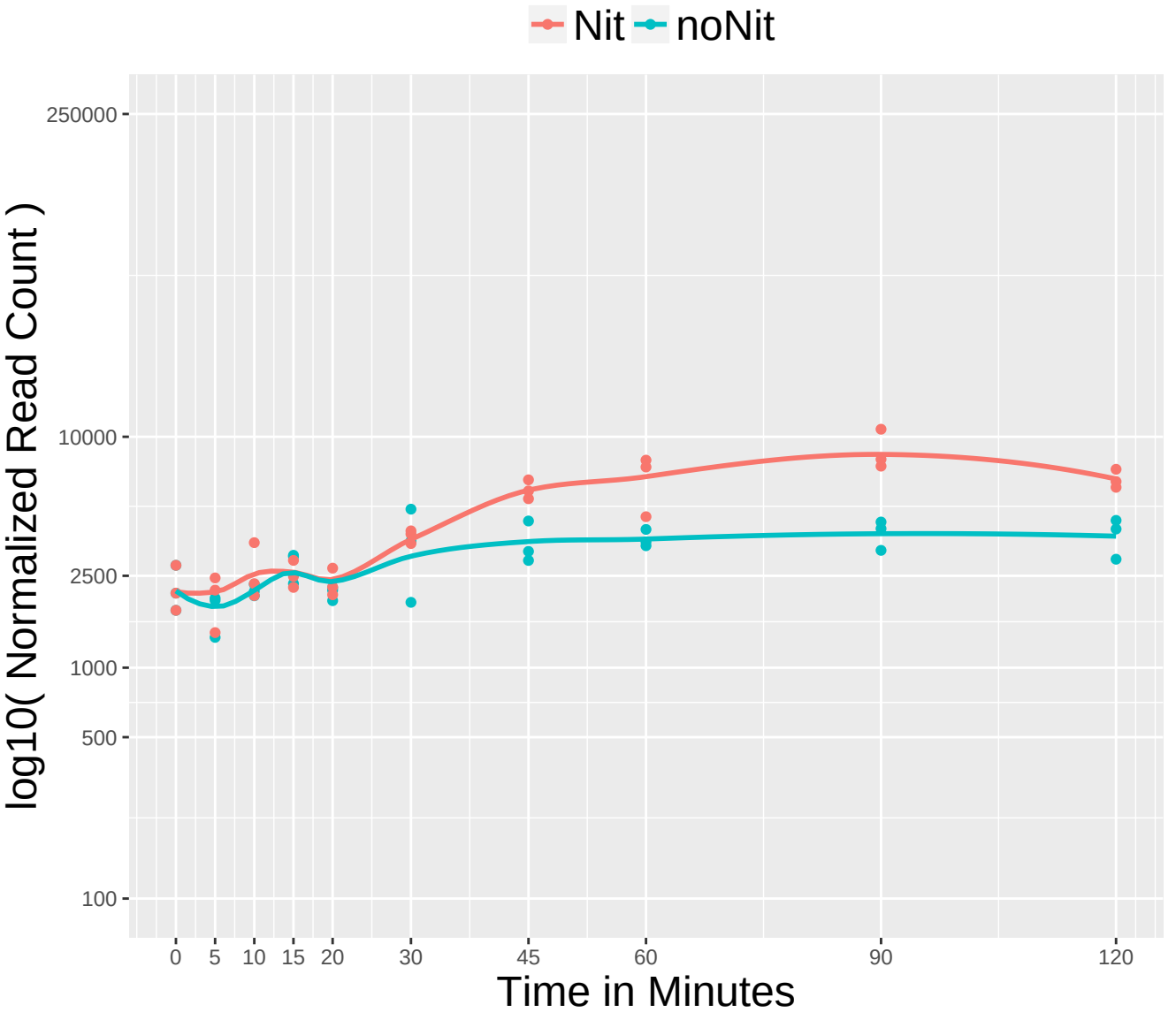
AT1G15100

RHA2A,RING−H2



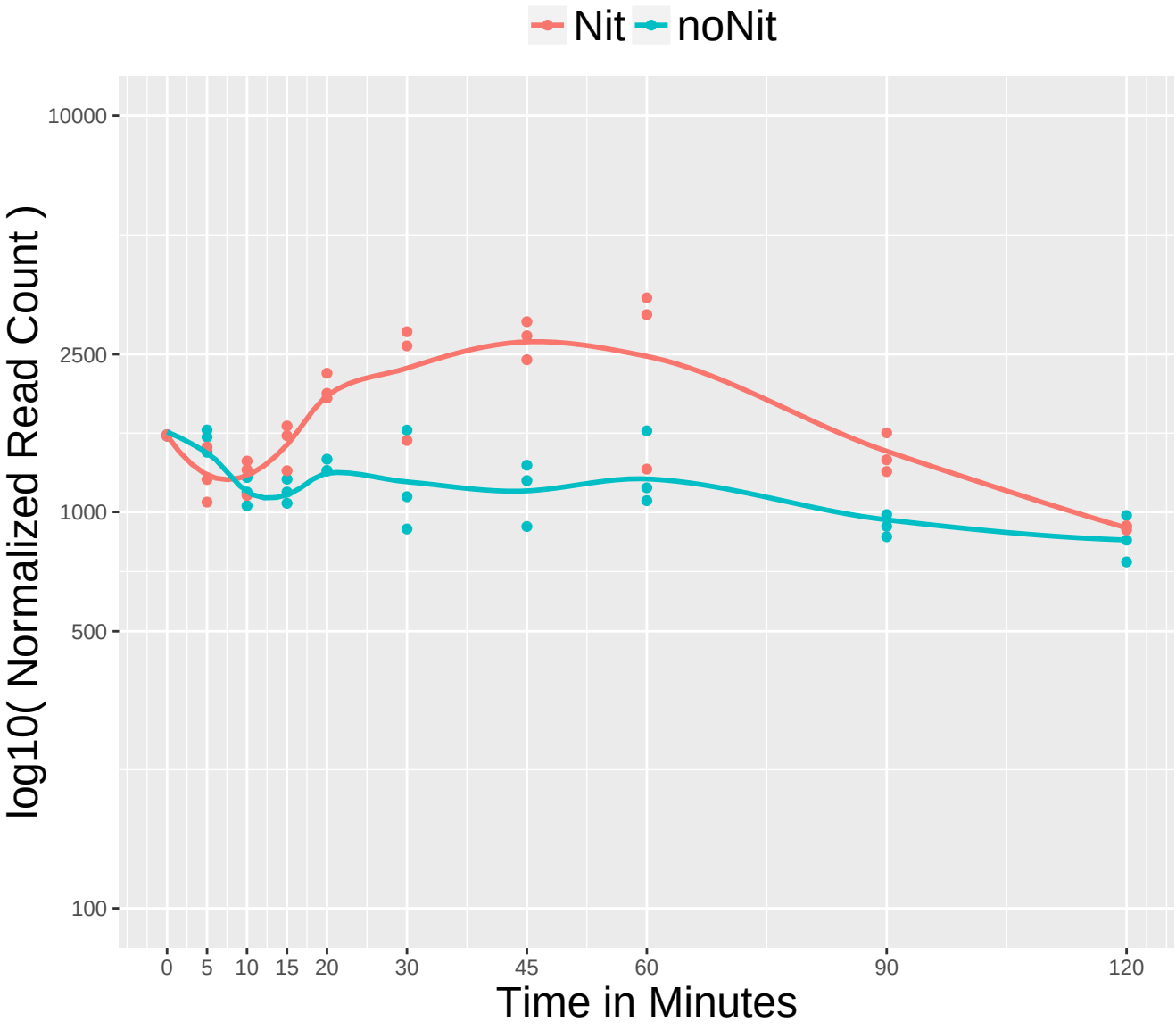
AT1G73600

S−adenosyl−L−methionine−dependent



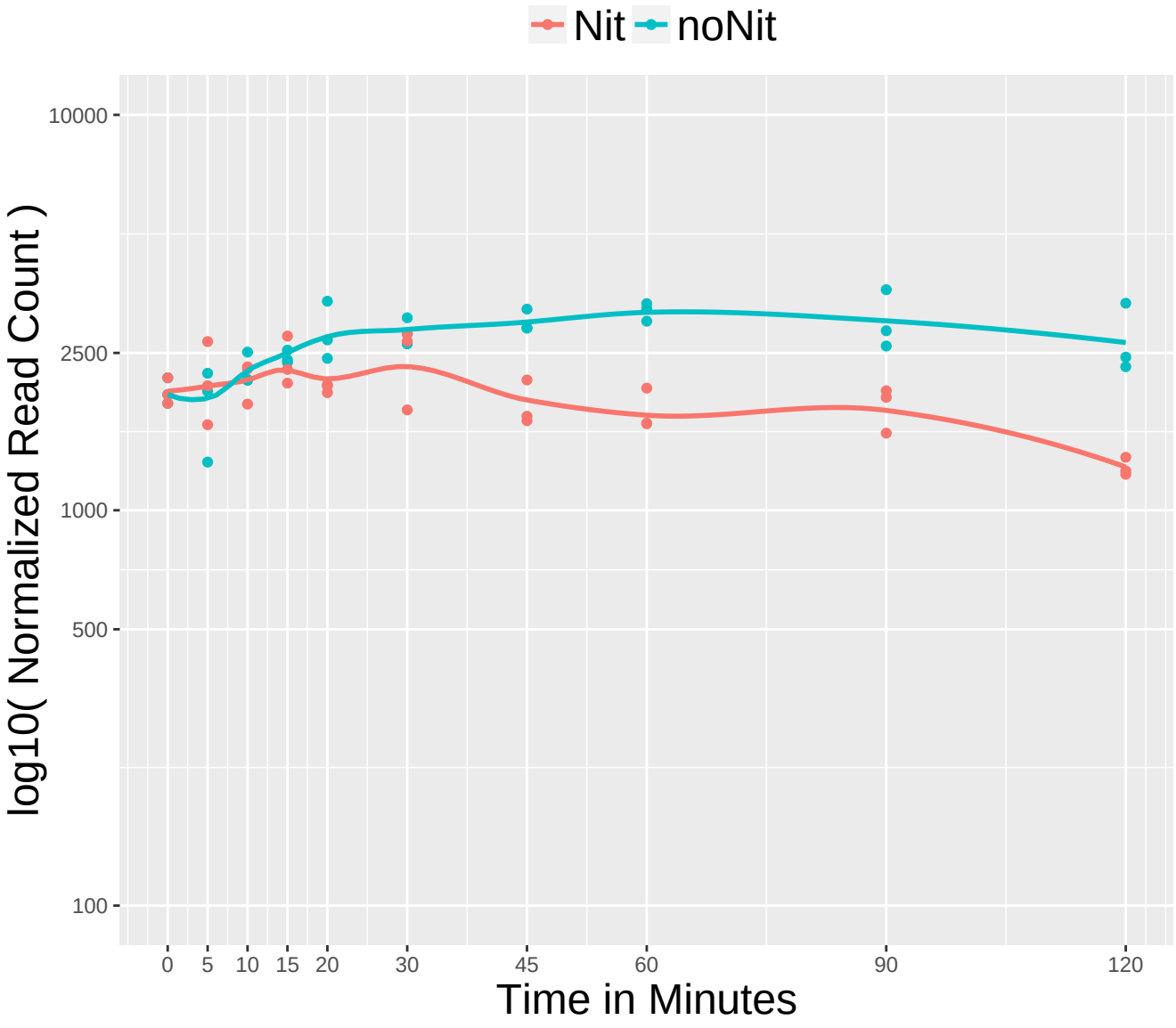
AT2G01130

DEA(D/H)−box



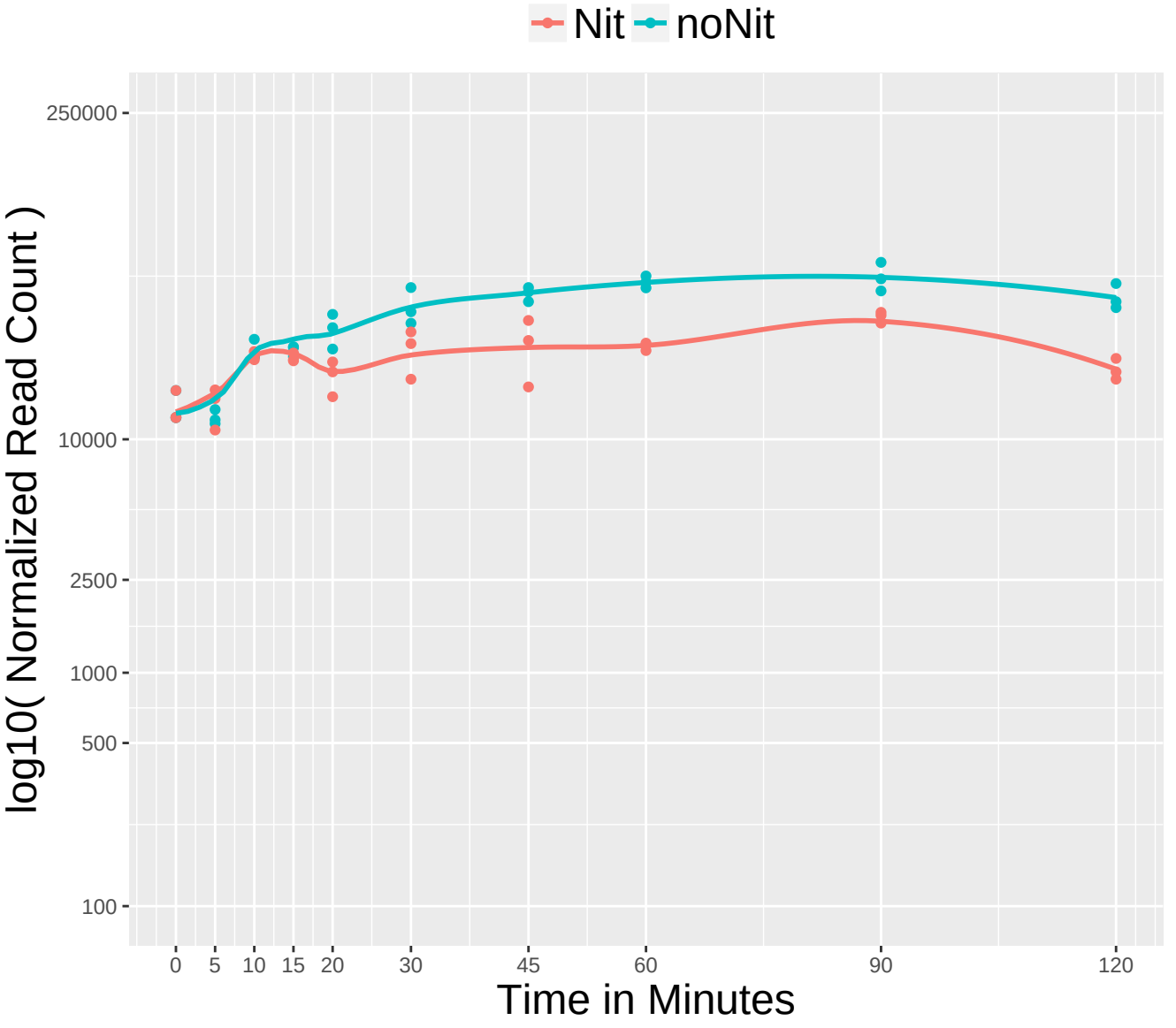
AT2G17760

Eukaryotic



AT3G09440

Heat



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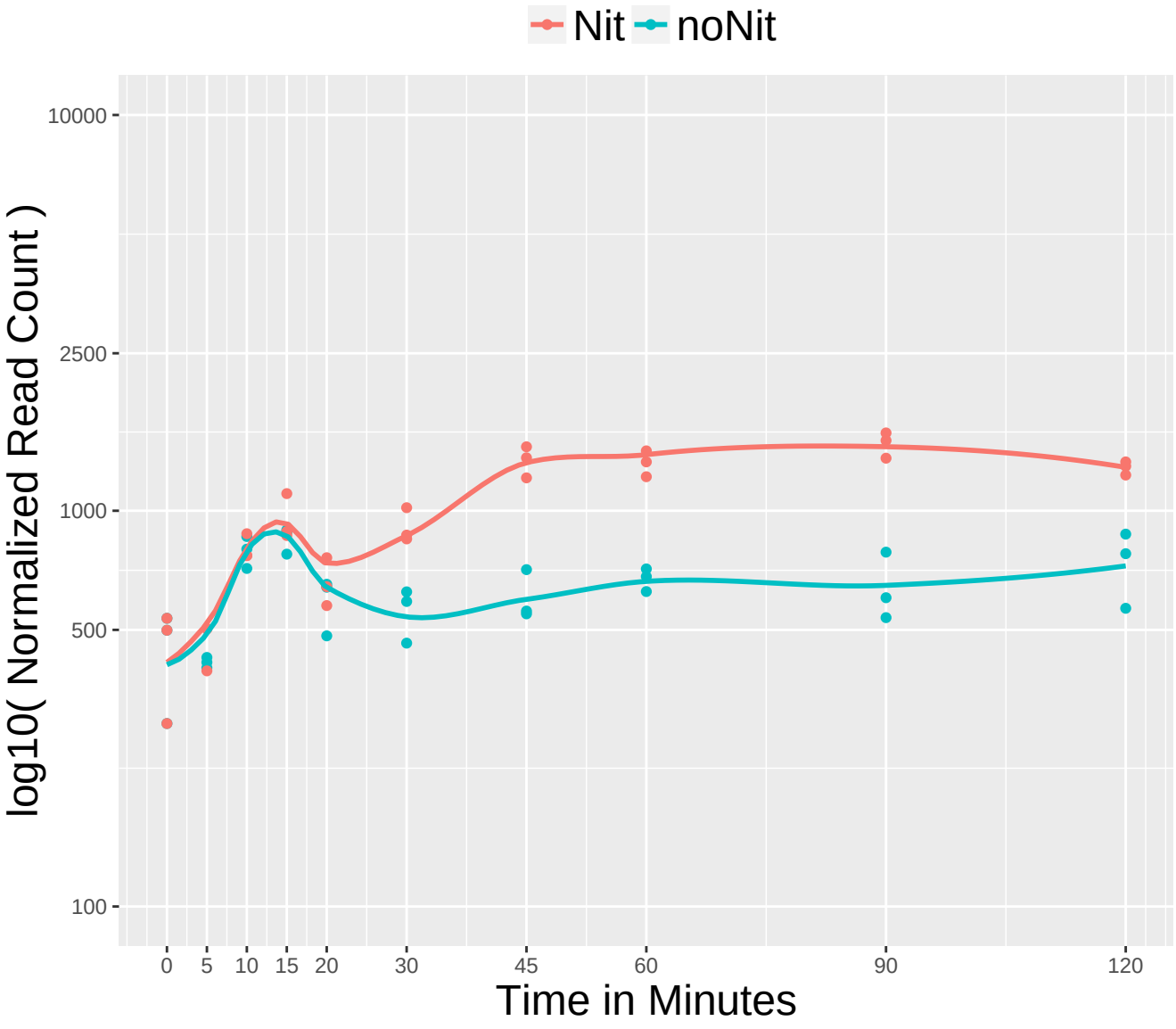
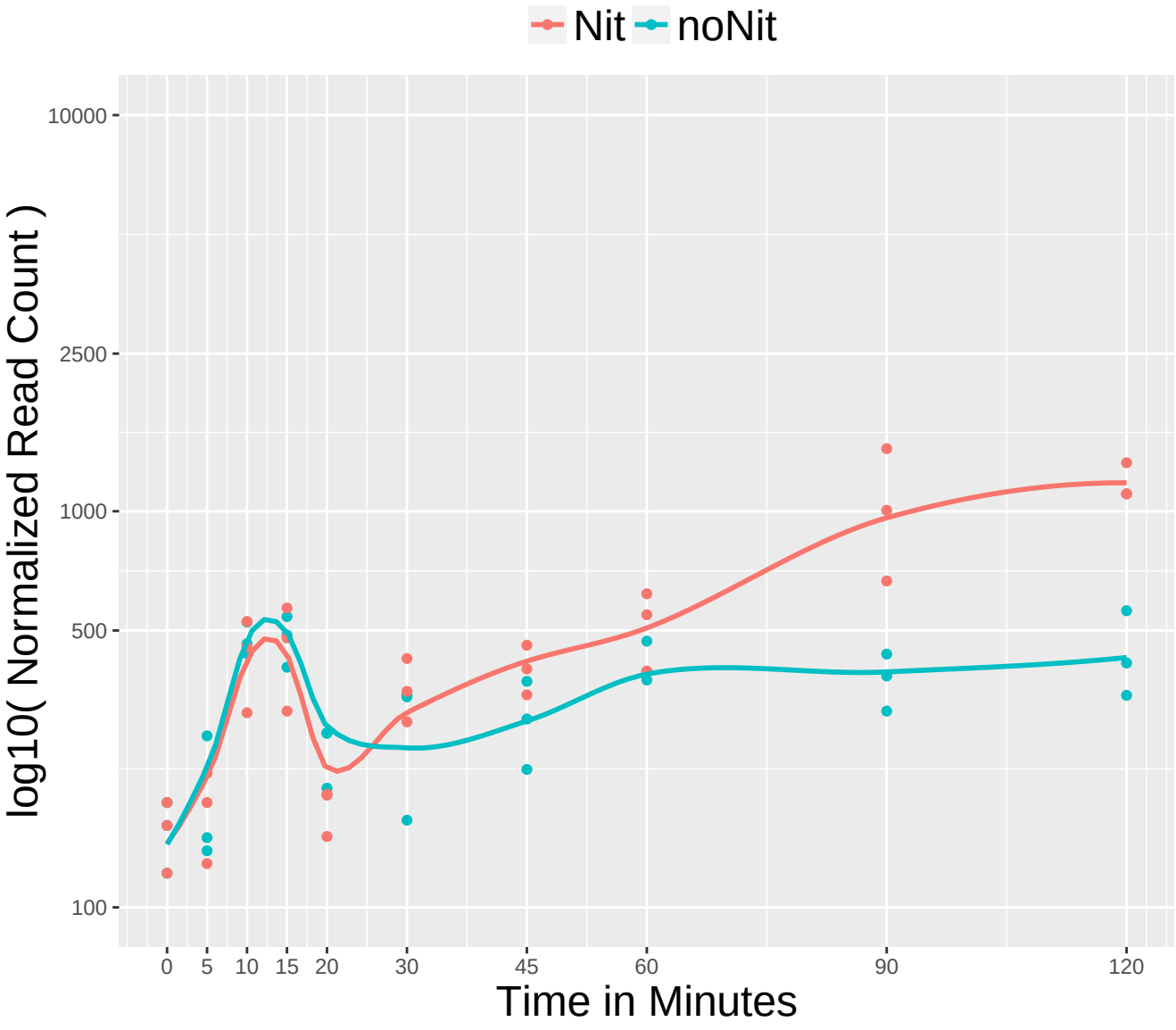
O−Glycosyl



AT3G20110

CYP705A20,"cytochrome



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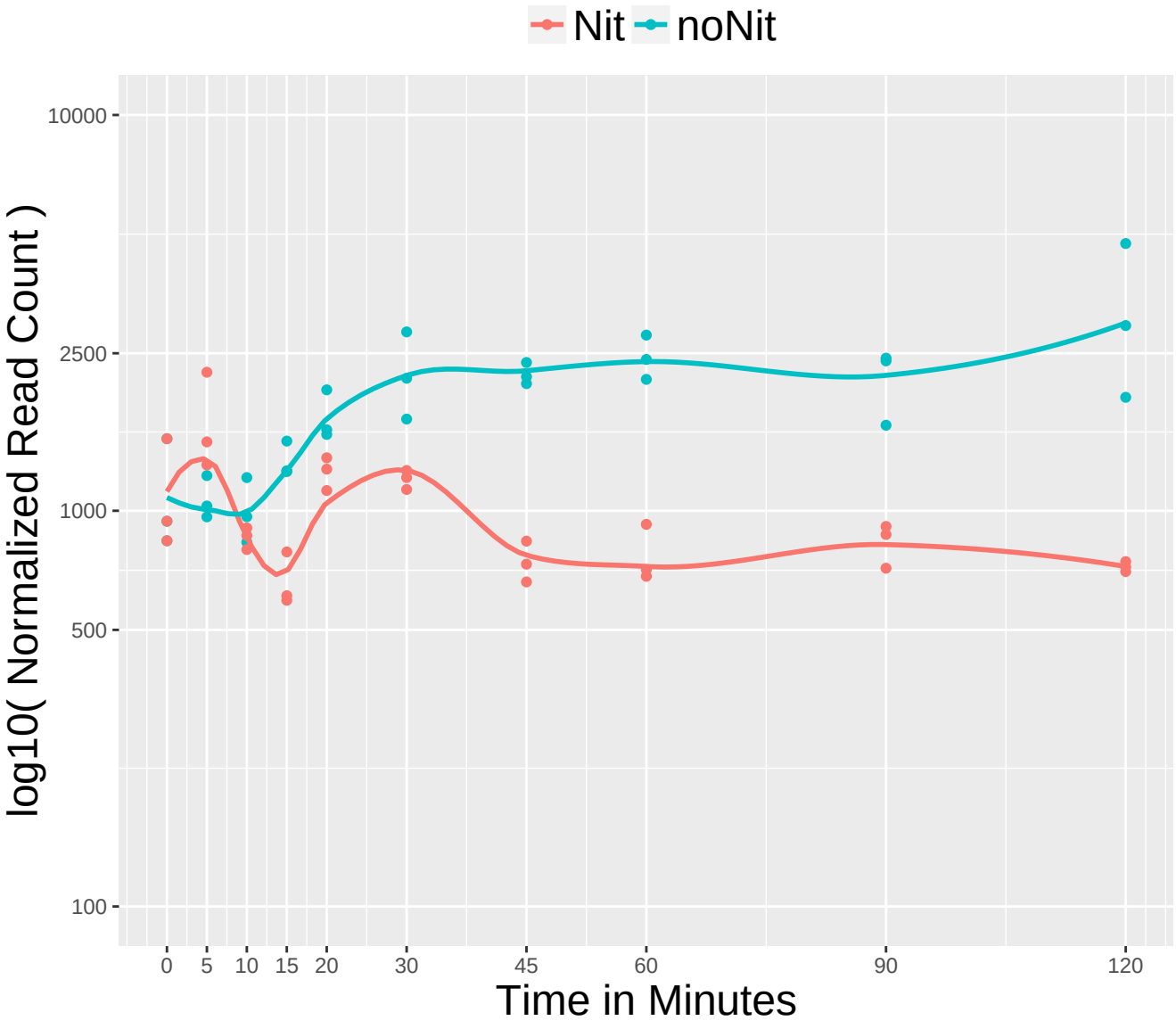
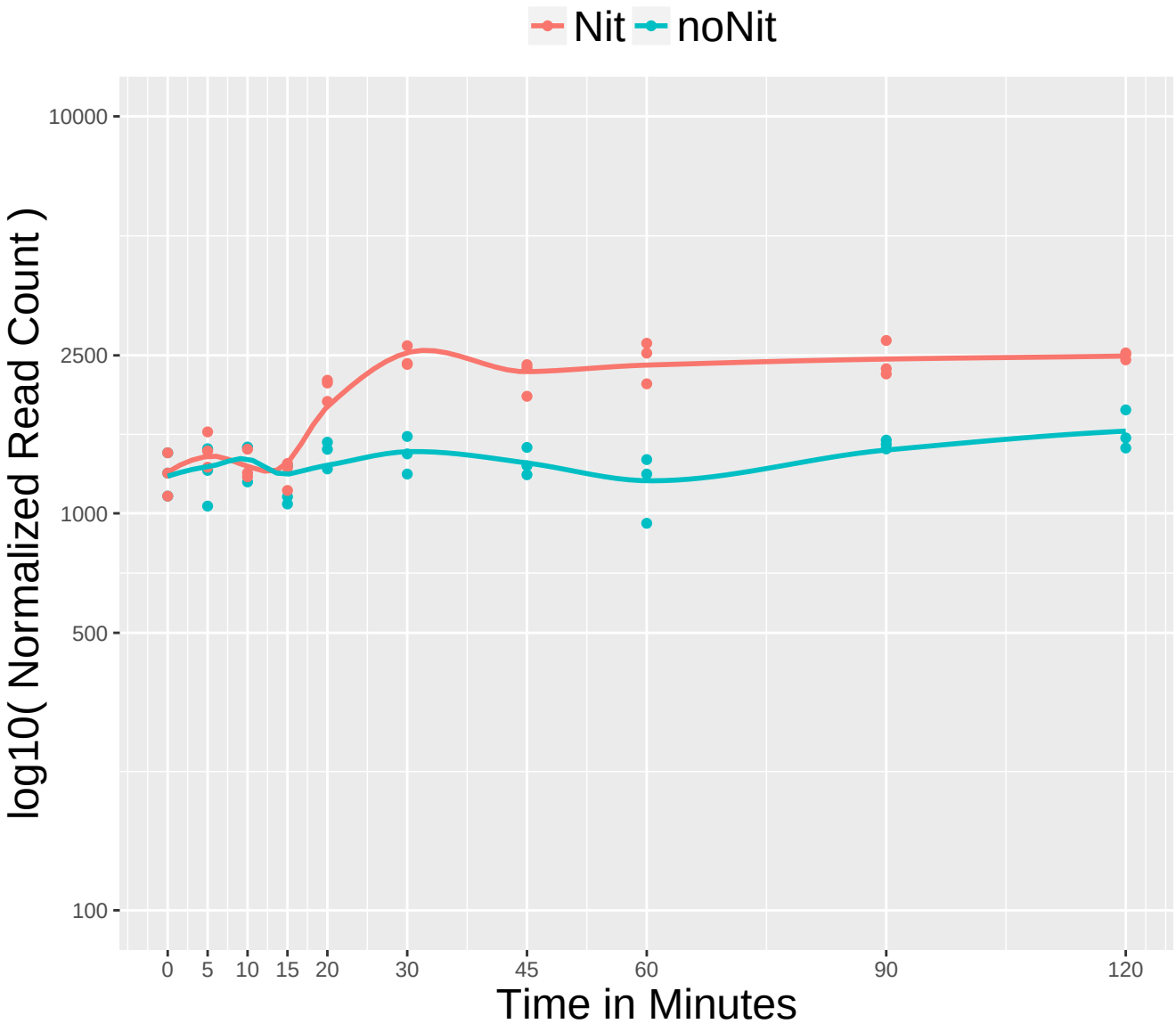


AT3G61850

DAG1,dof



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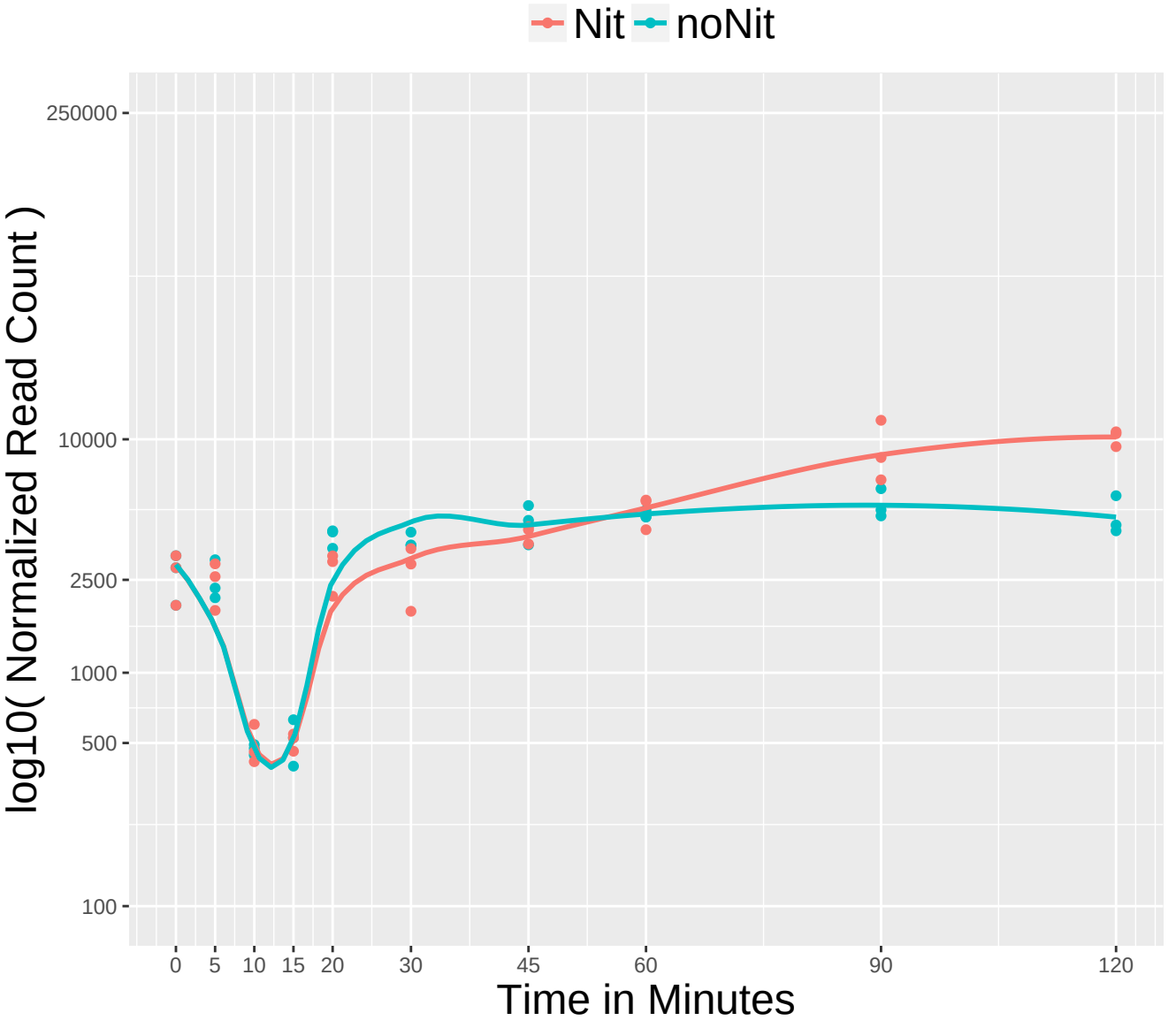
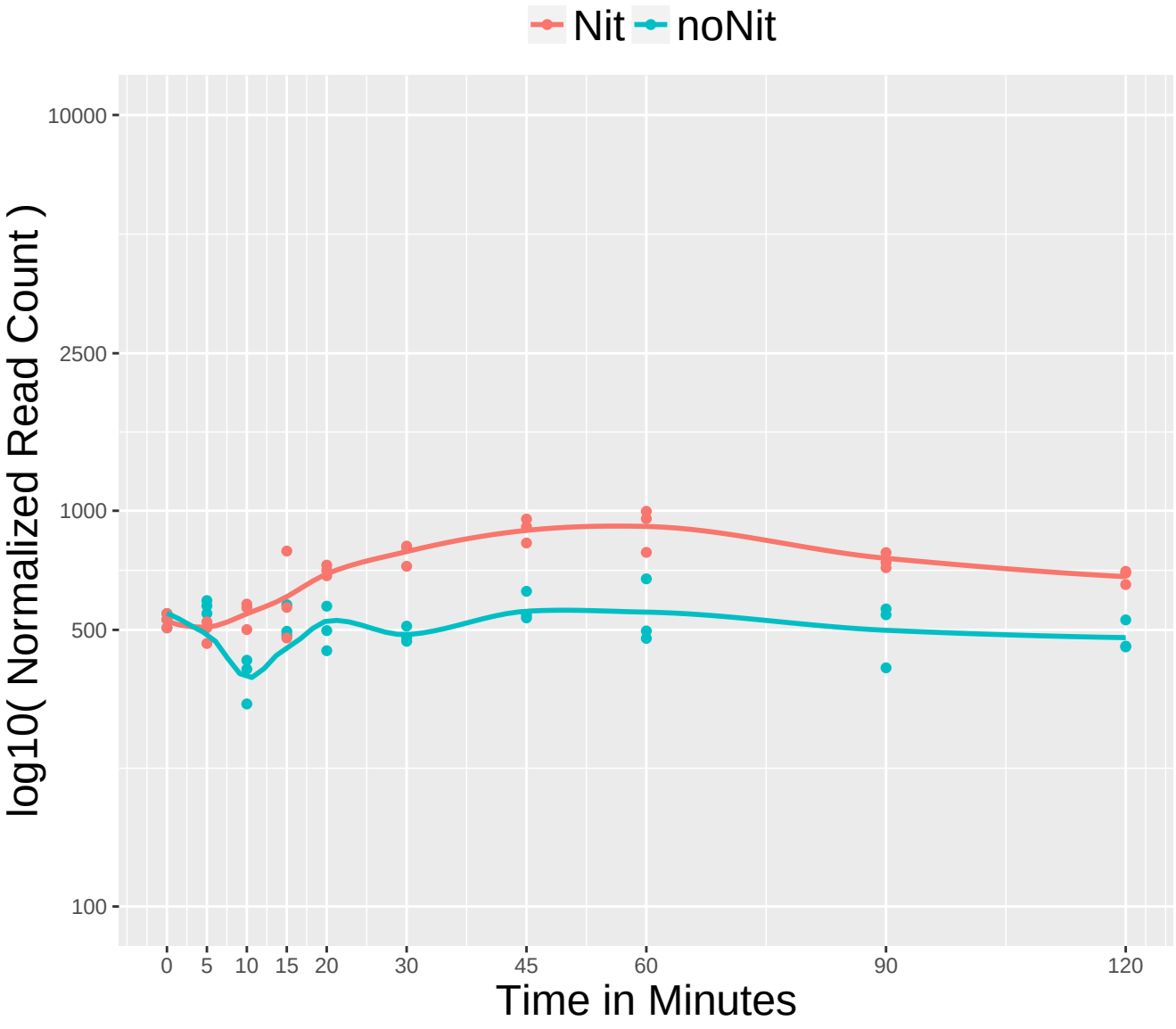
Haloacid



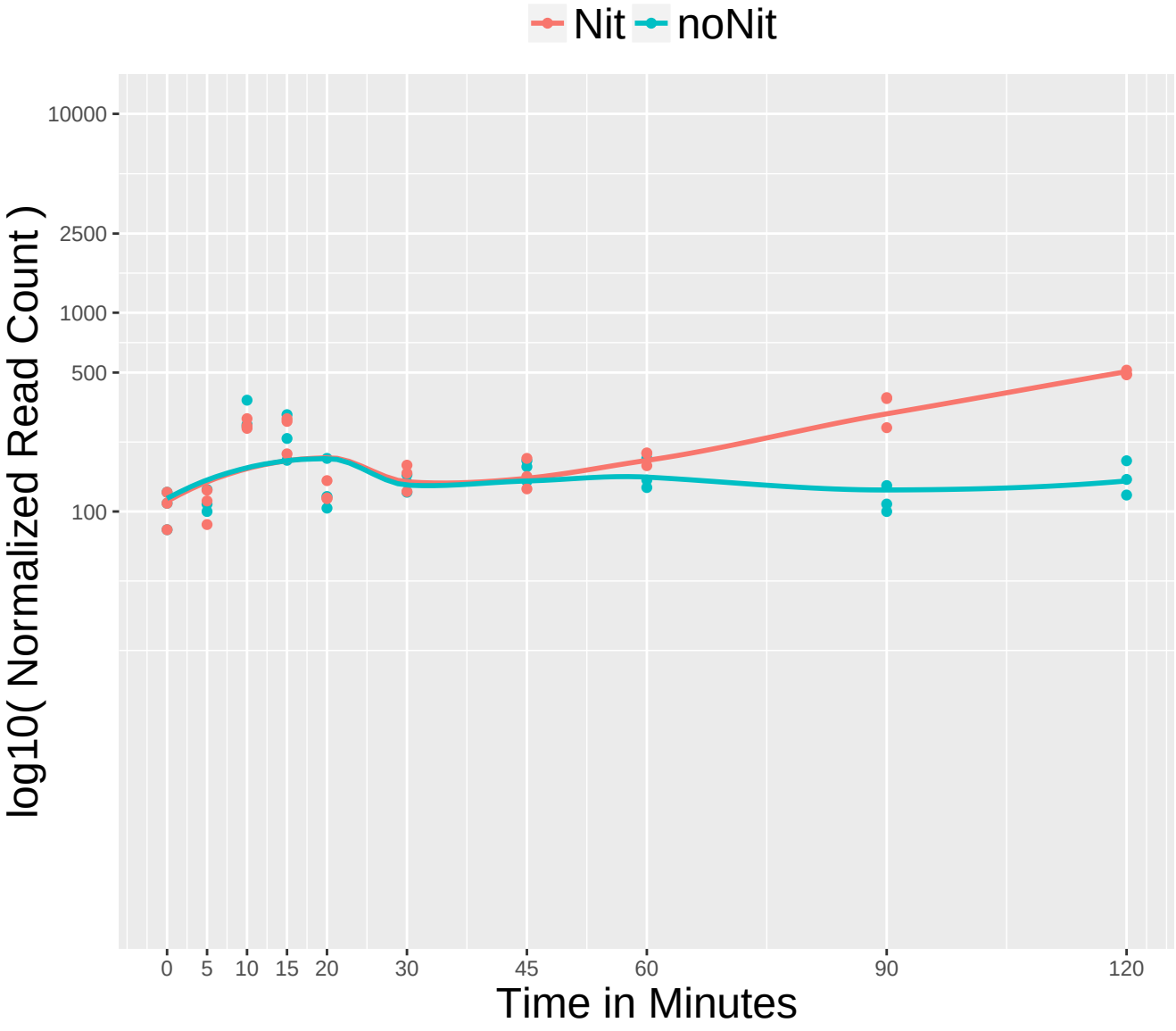
AT4G03500

Ankyrin



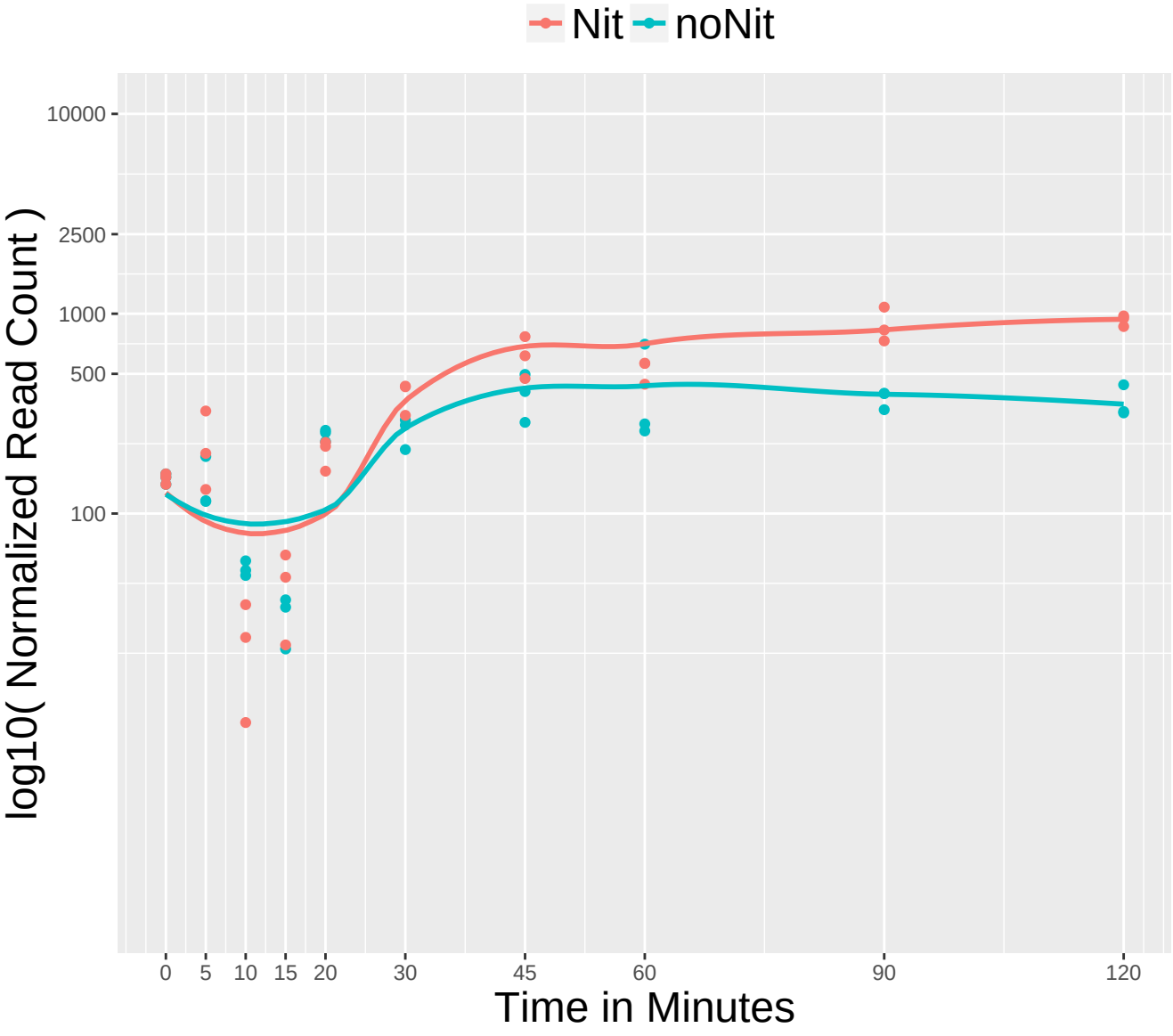
AT4G04810

ATMSRB4,methionine



AT4G09770

TRAF−like



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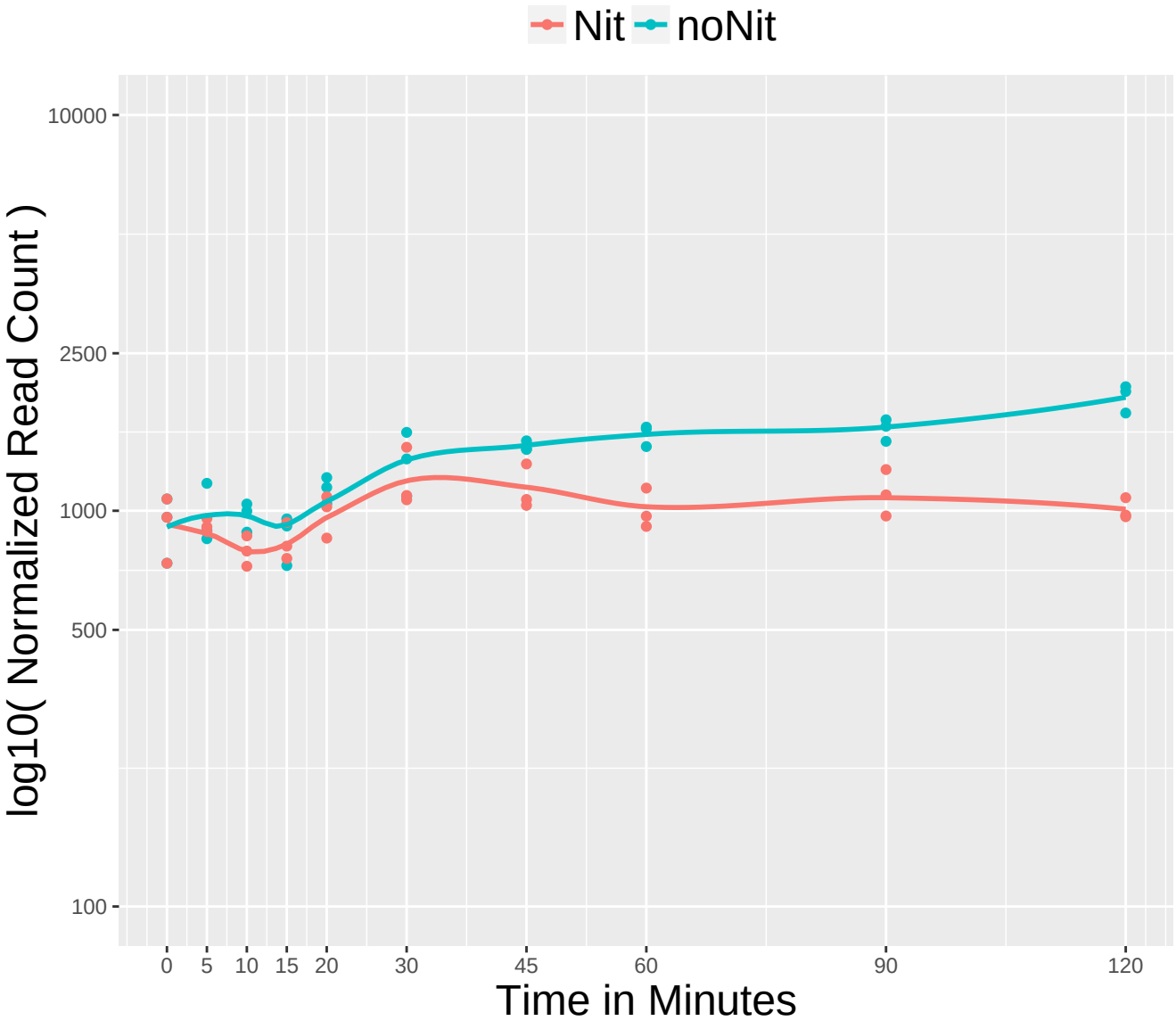
AARE,acylamino



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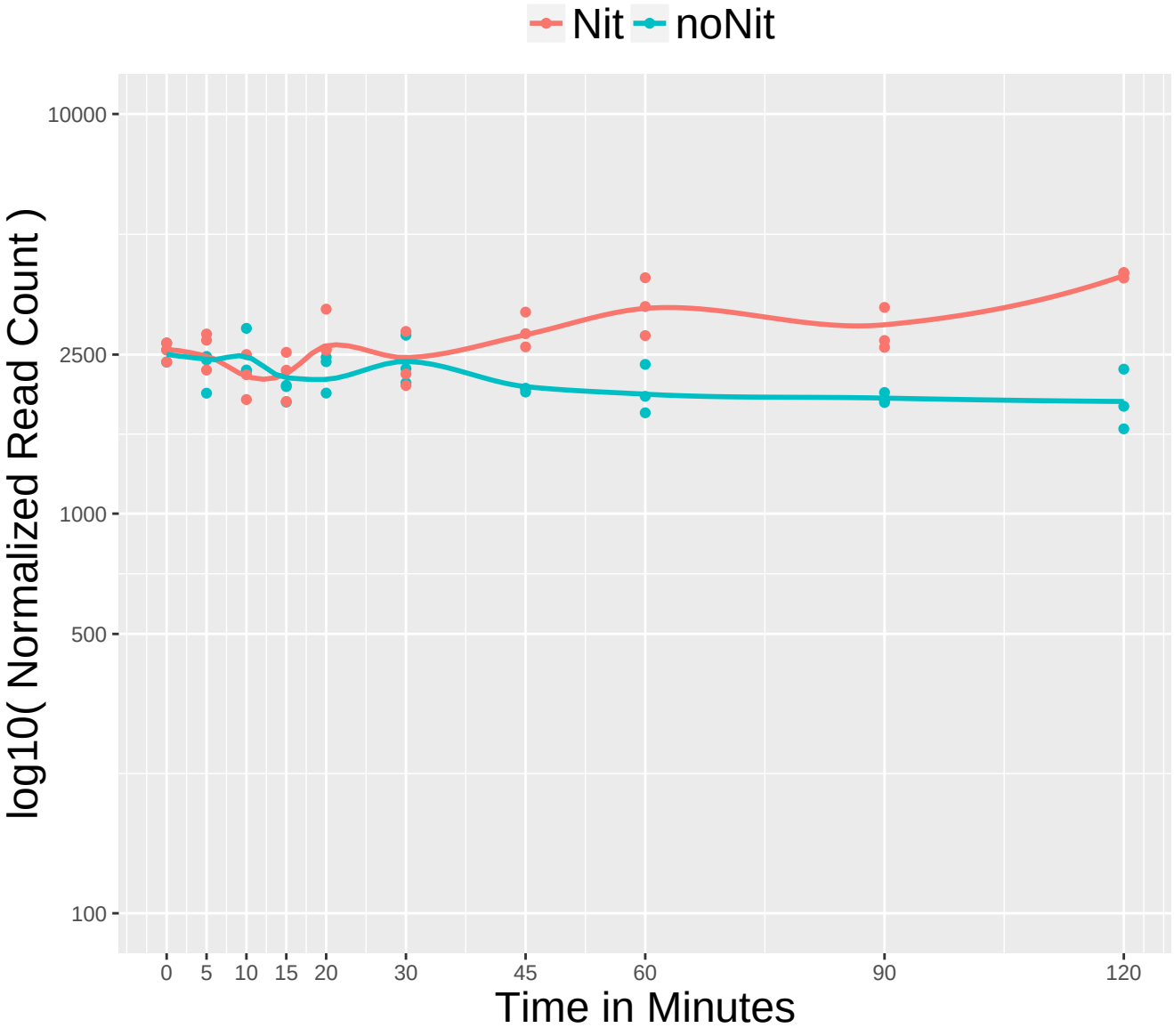
RNA



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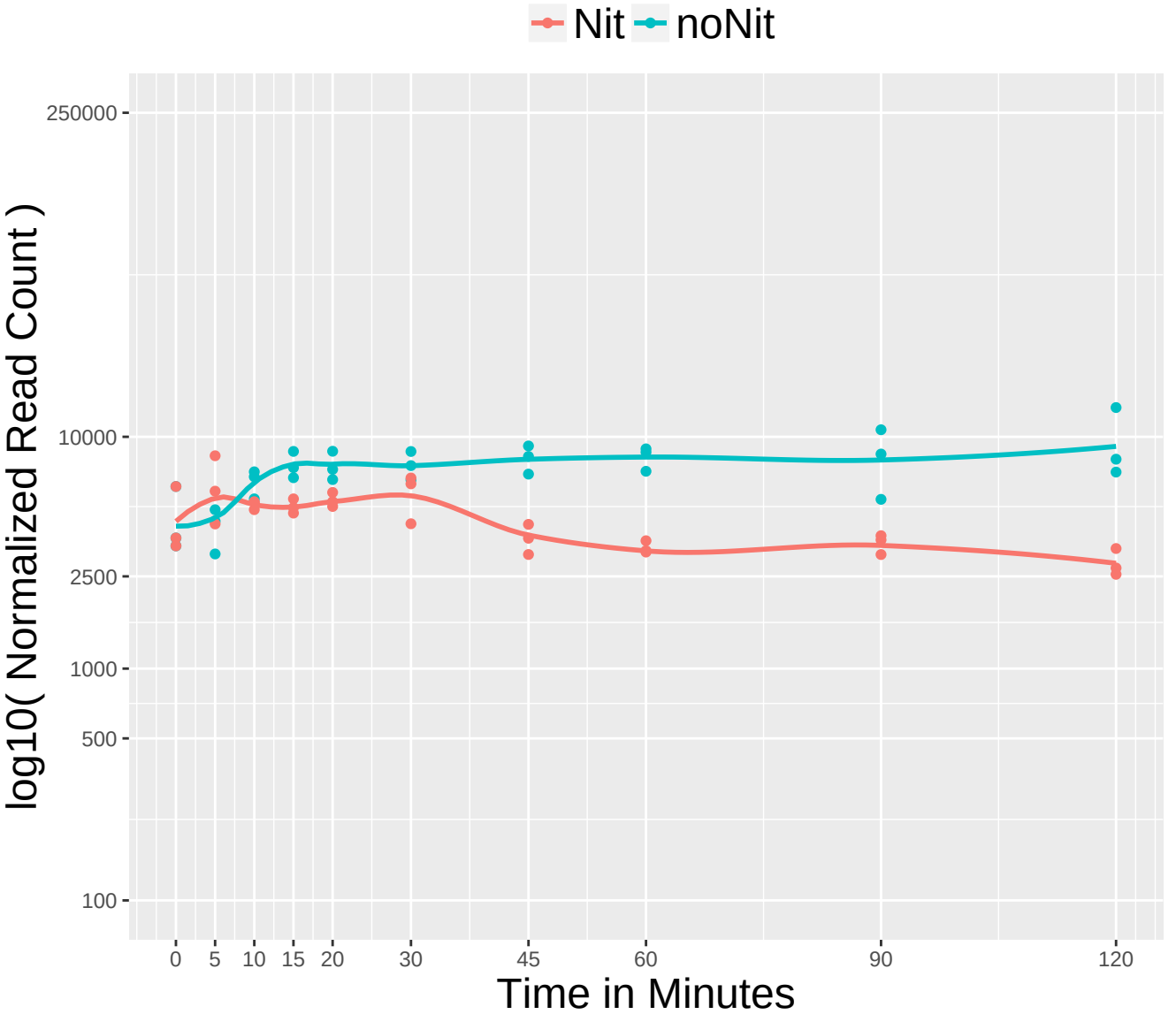
NHL3,NDR1/HIN1−like



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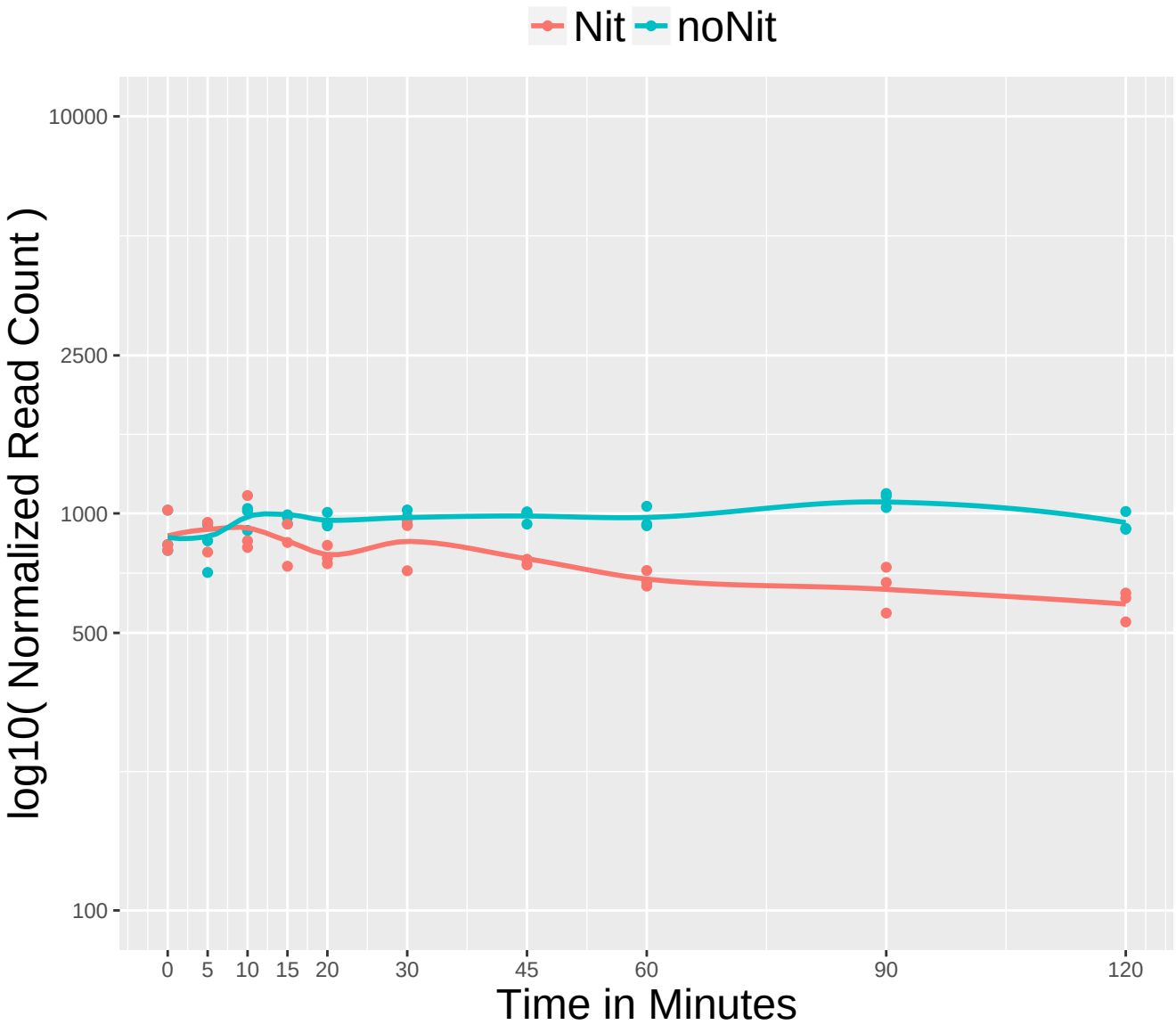
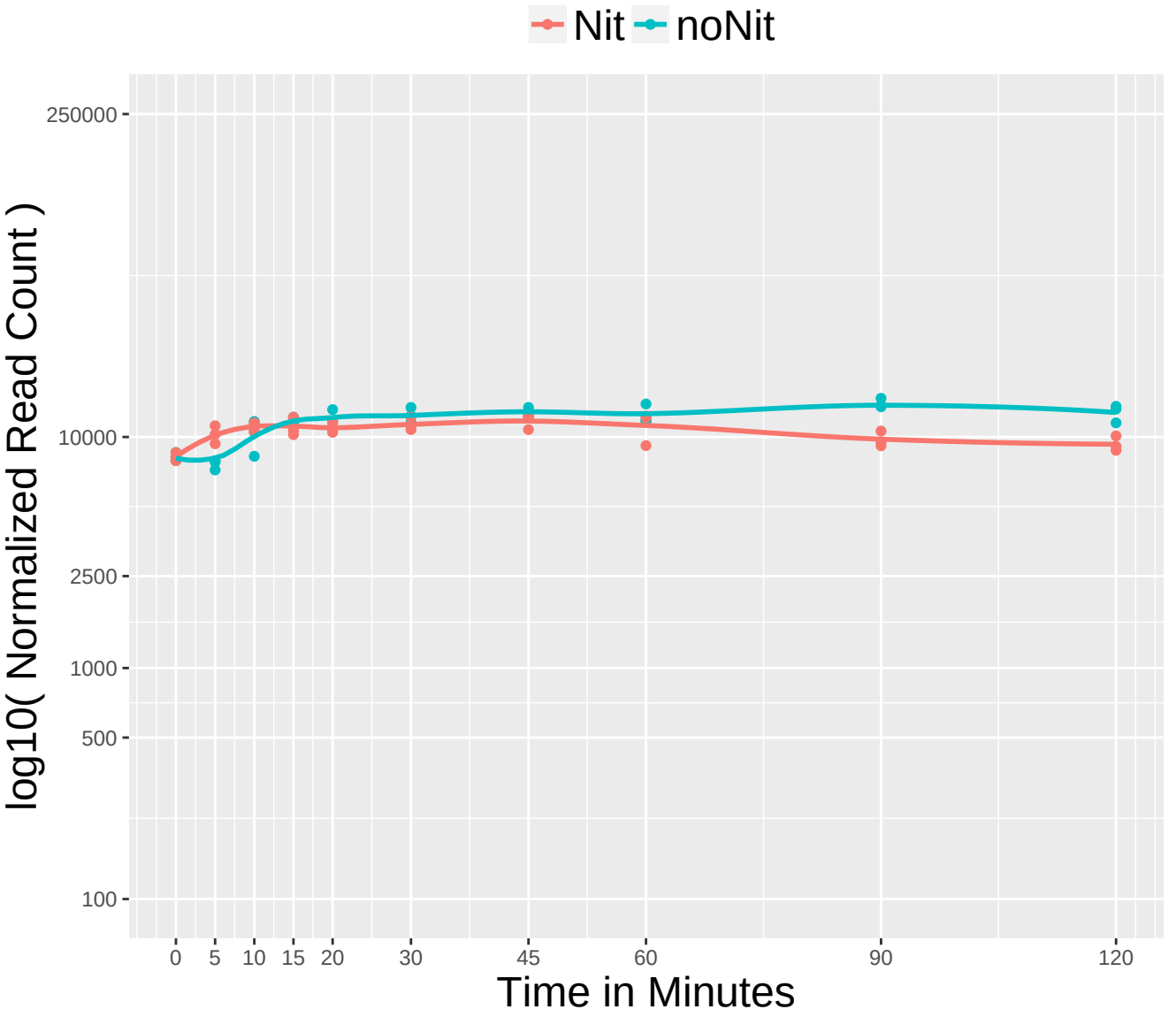
ATRBL3,RHOMBOID−like



AT1G08200

AXS2,UDP−D−apiose/UDP−D−xylose



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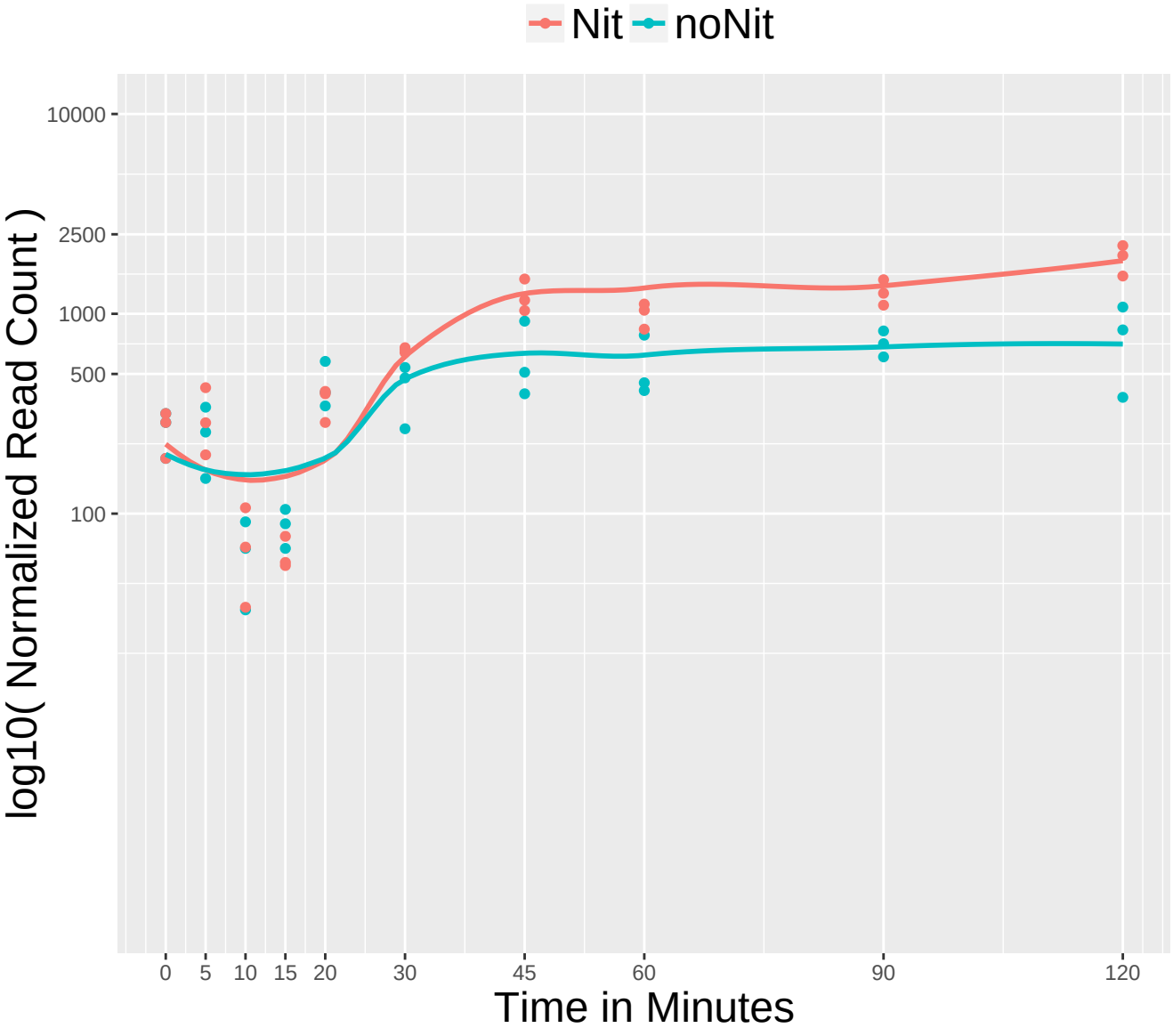
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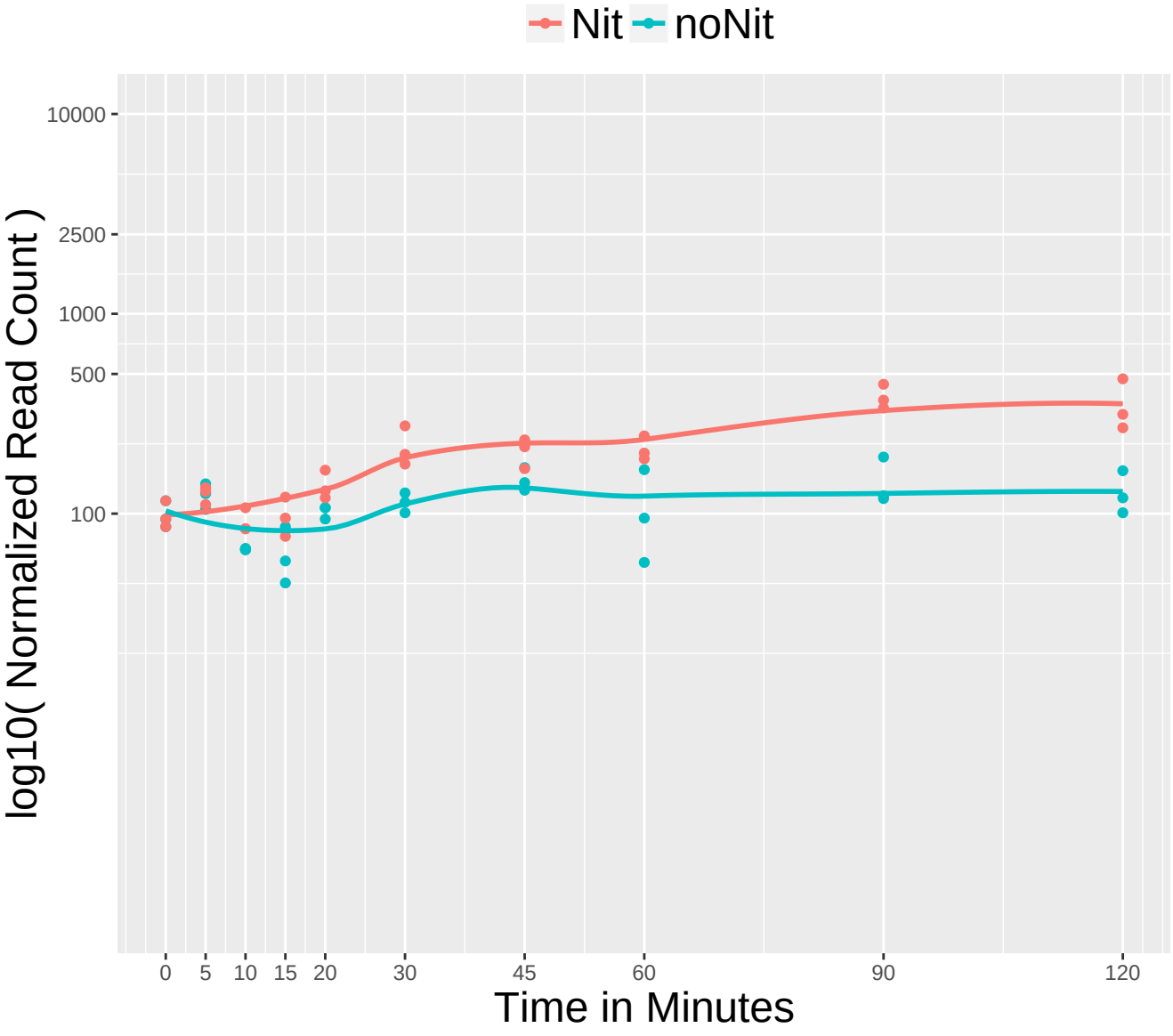
AT1G23840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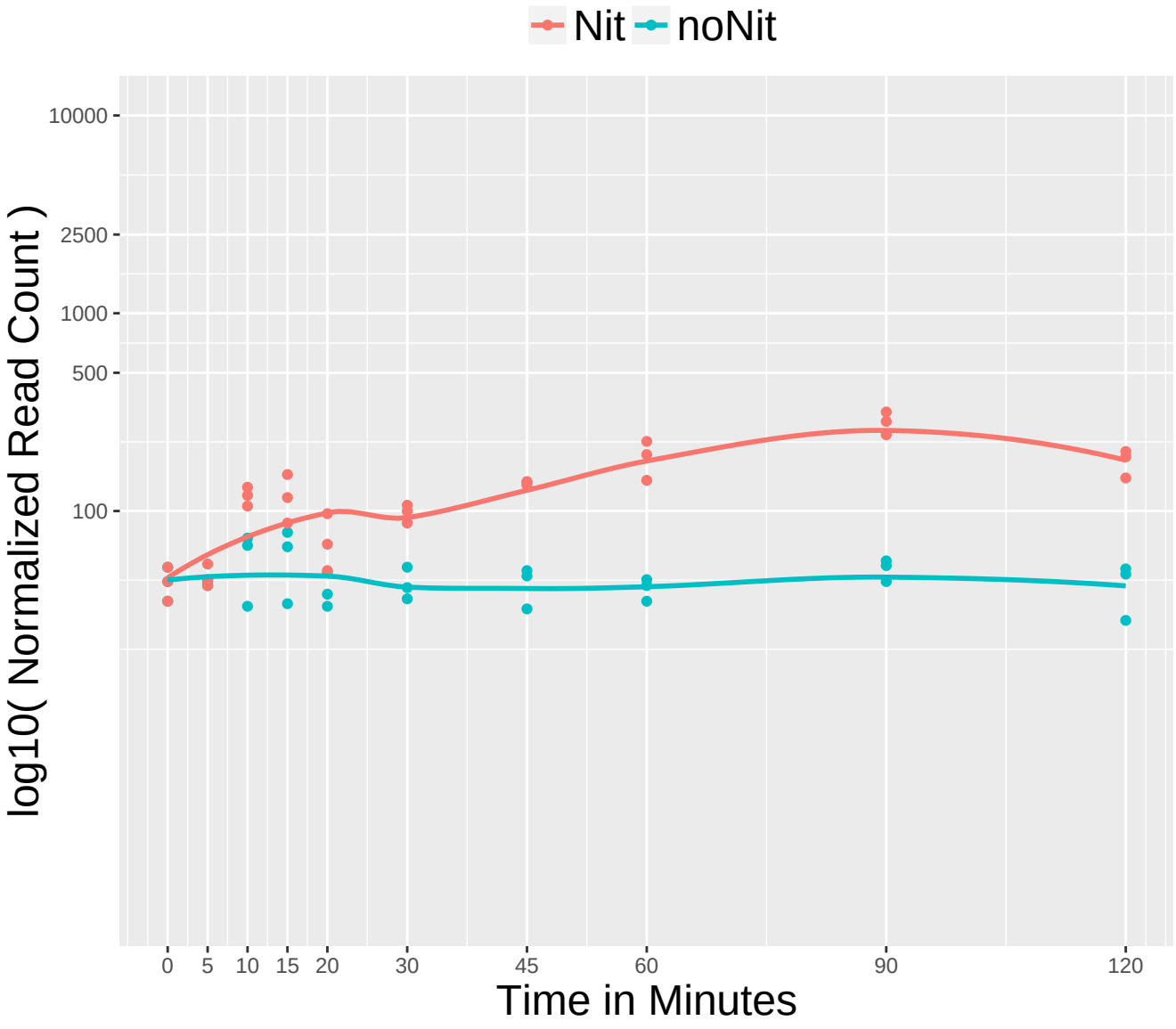
AT1G31200

ATPP2−A9,phloem



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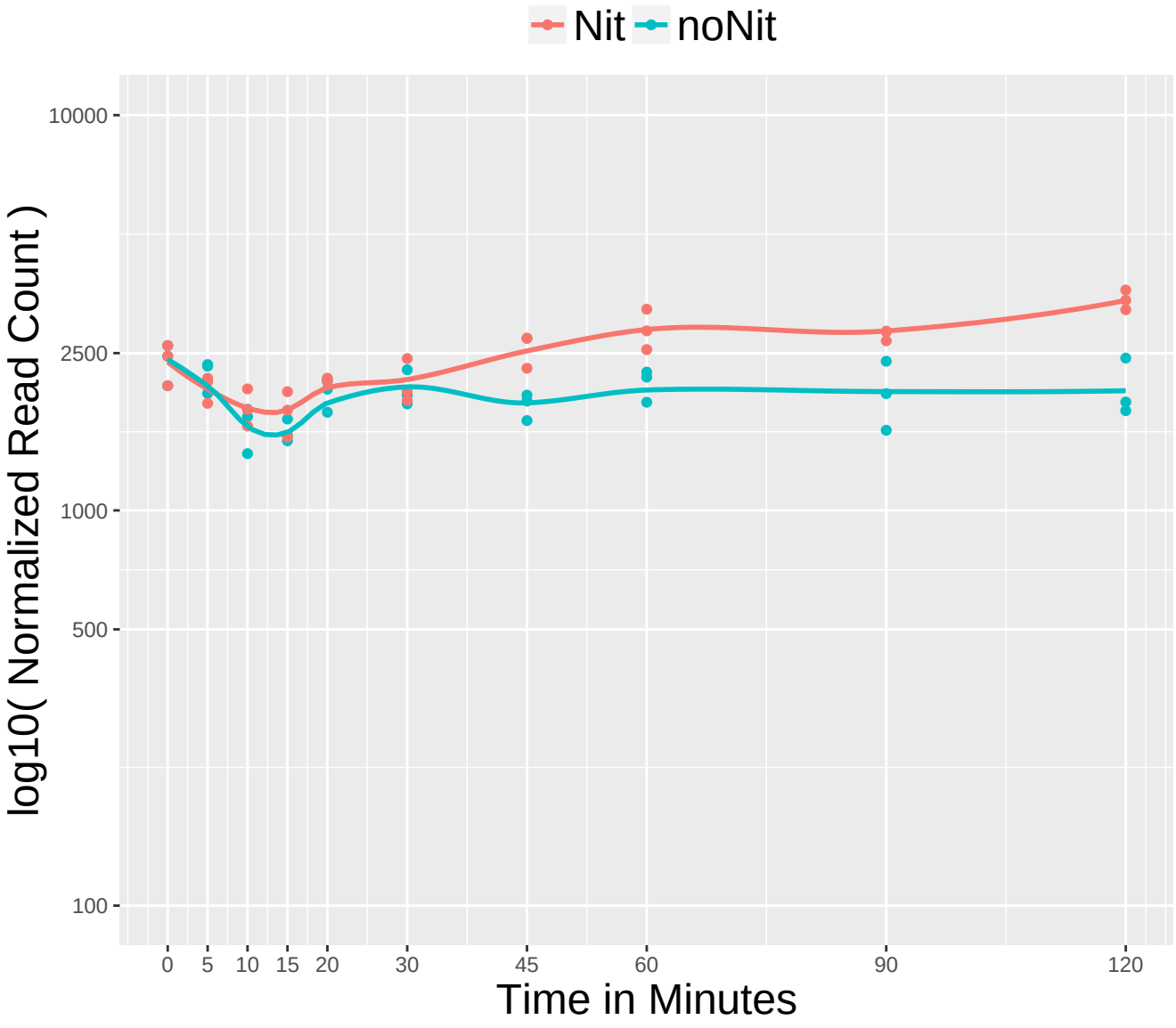

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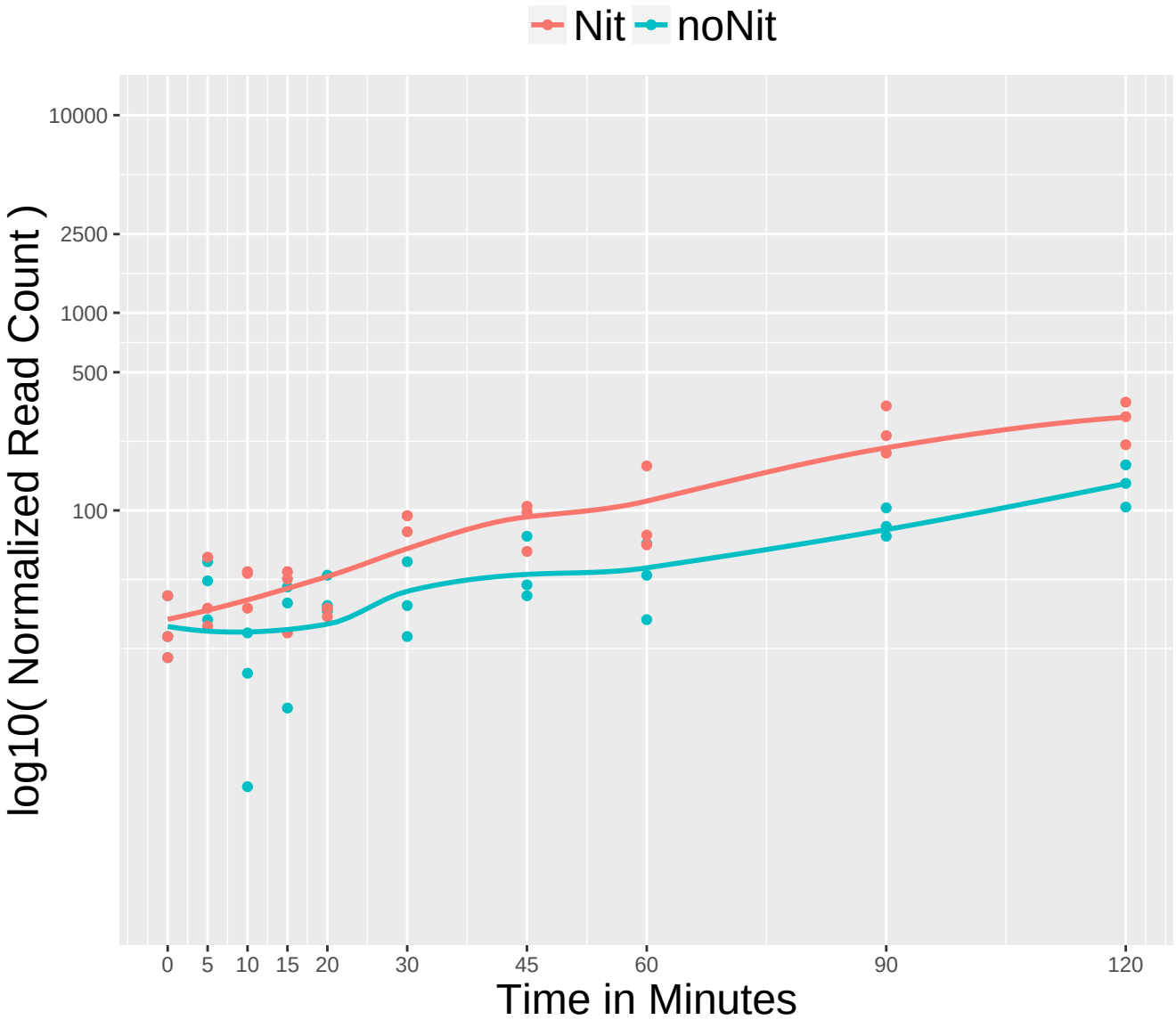
UGE3,UDP−D−glucose/UDP−D−galactose



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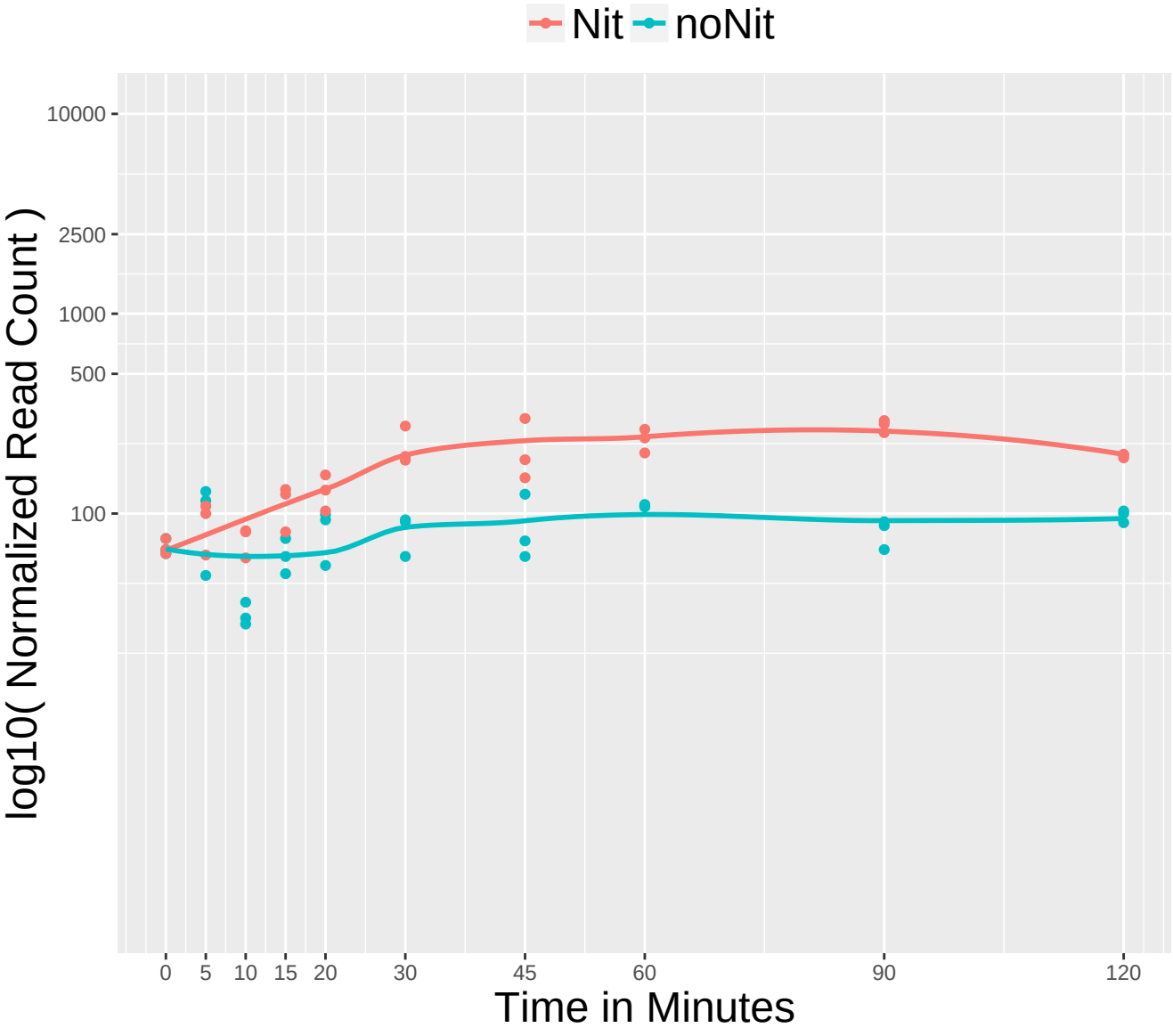
Disease



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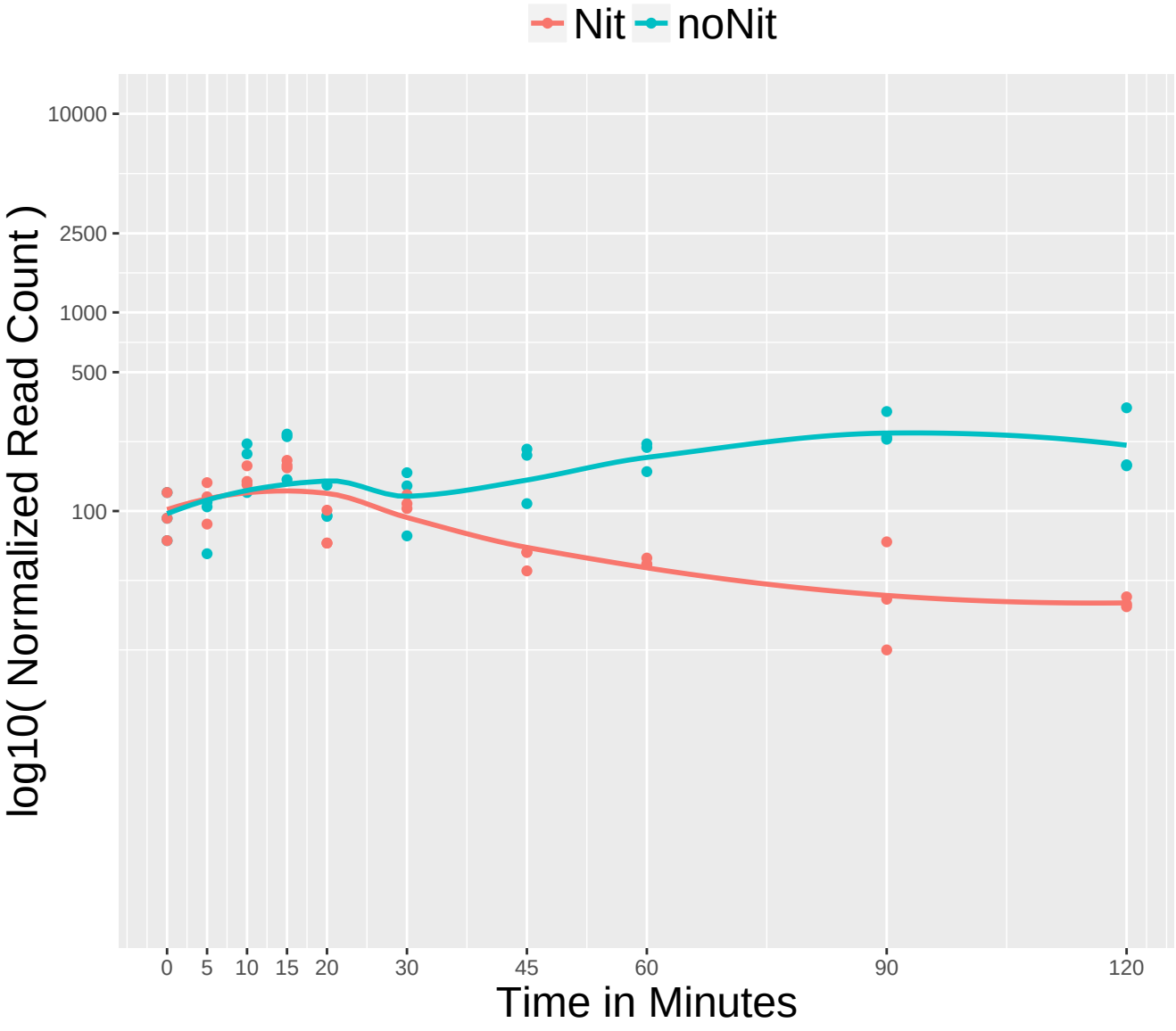
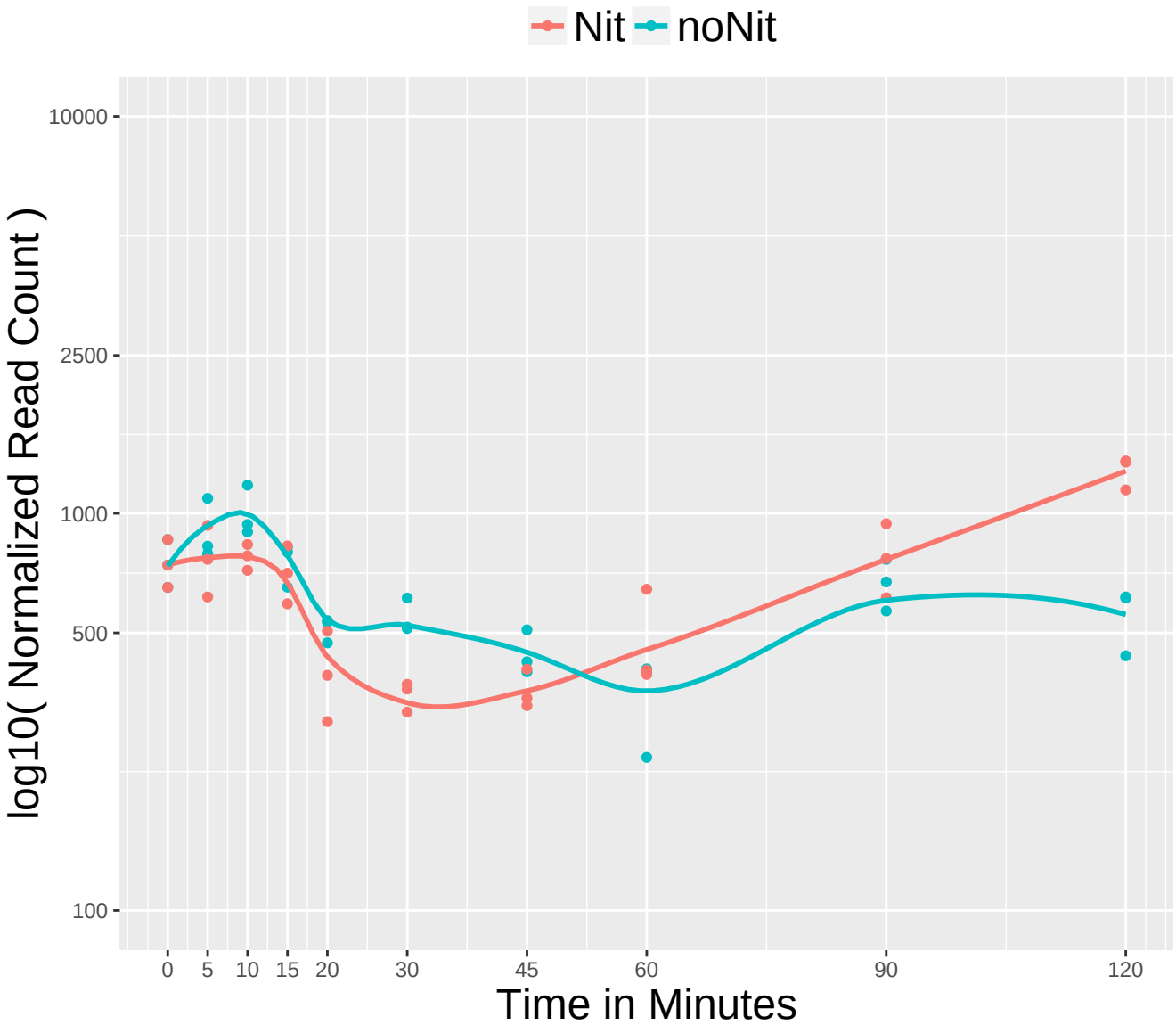
ATLOG1,,LOG1,LONELY



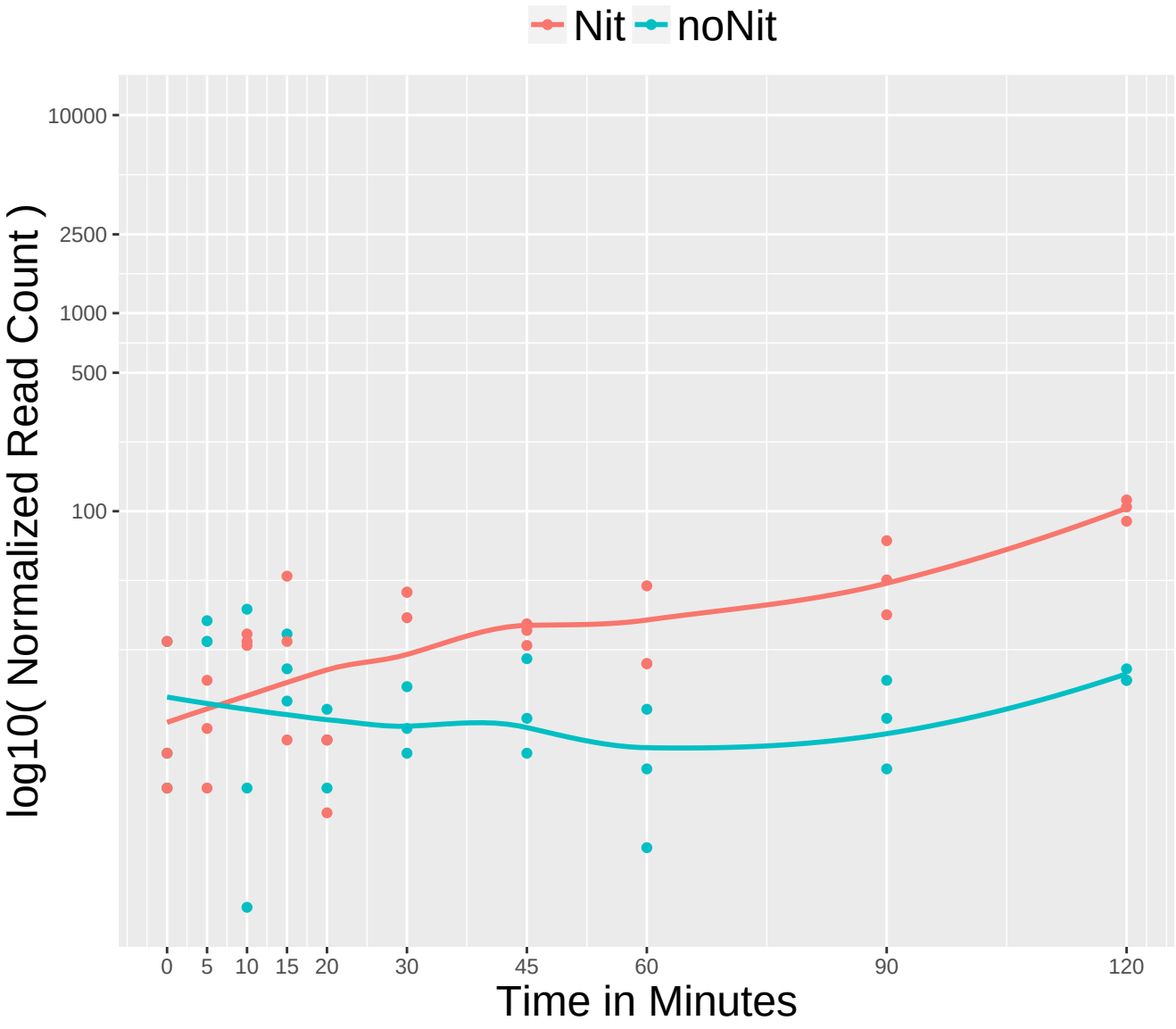
AT2G39705

DVL11,DEVIL



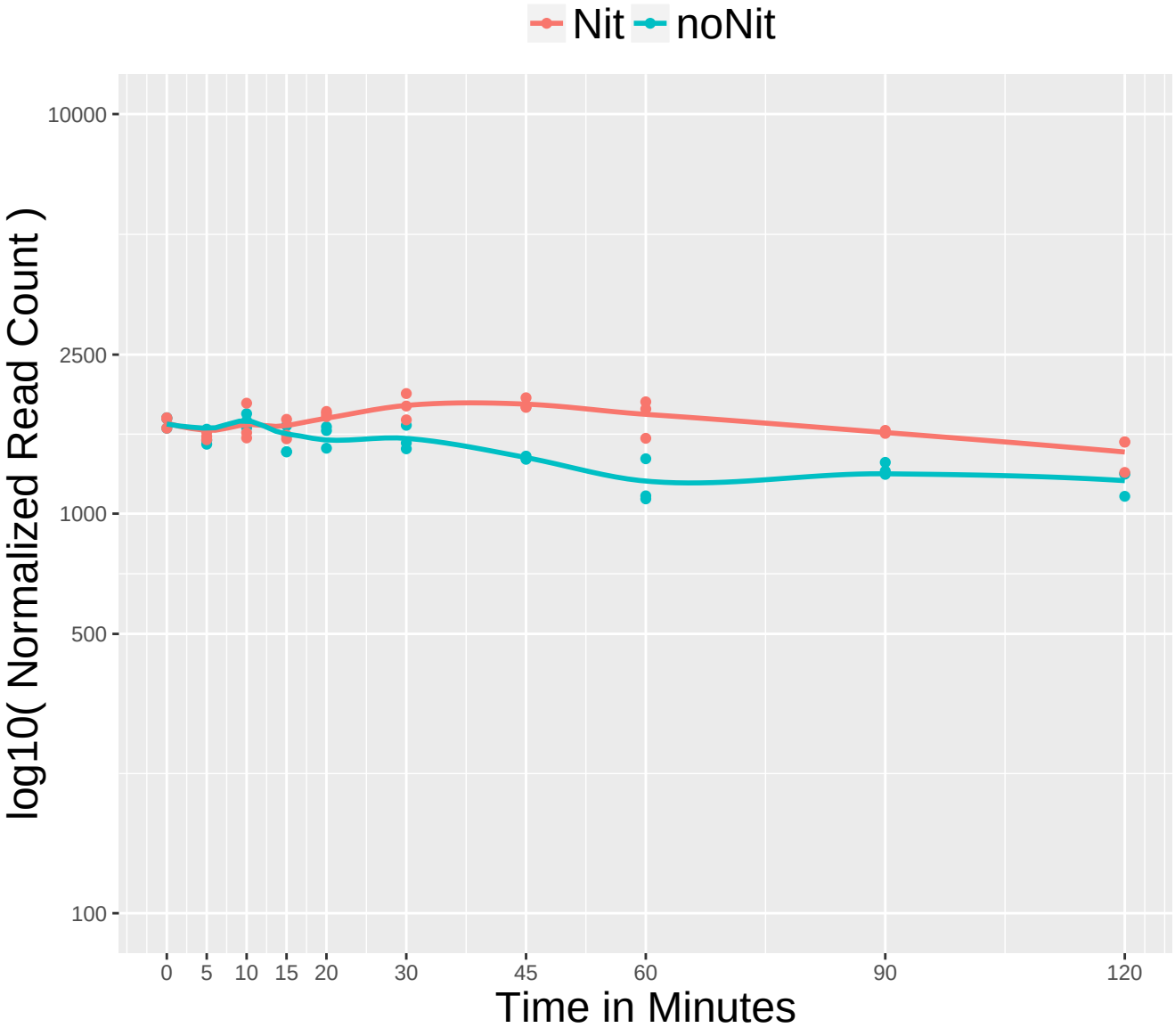
AT3G53200

AtMYB27,myb



AT3G54080

Concanavalin



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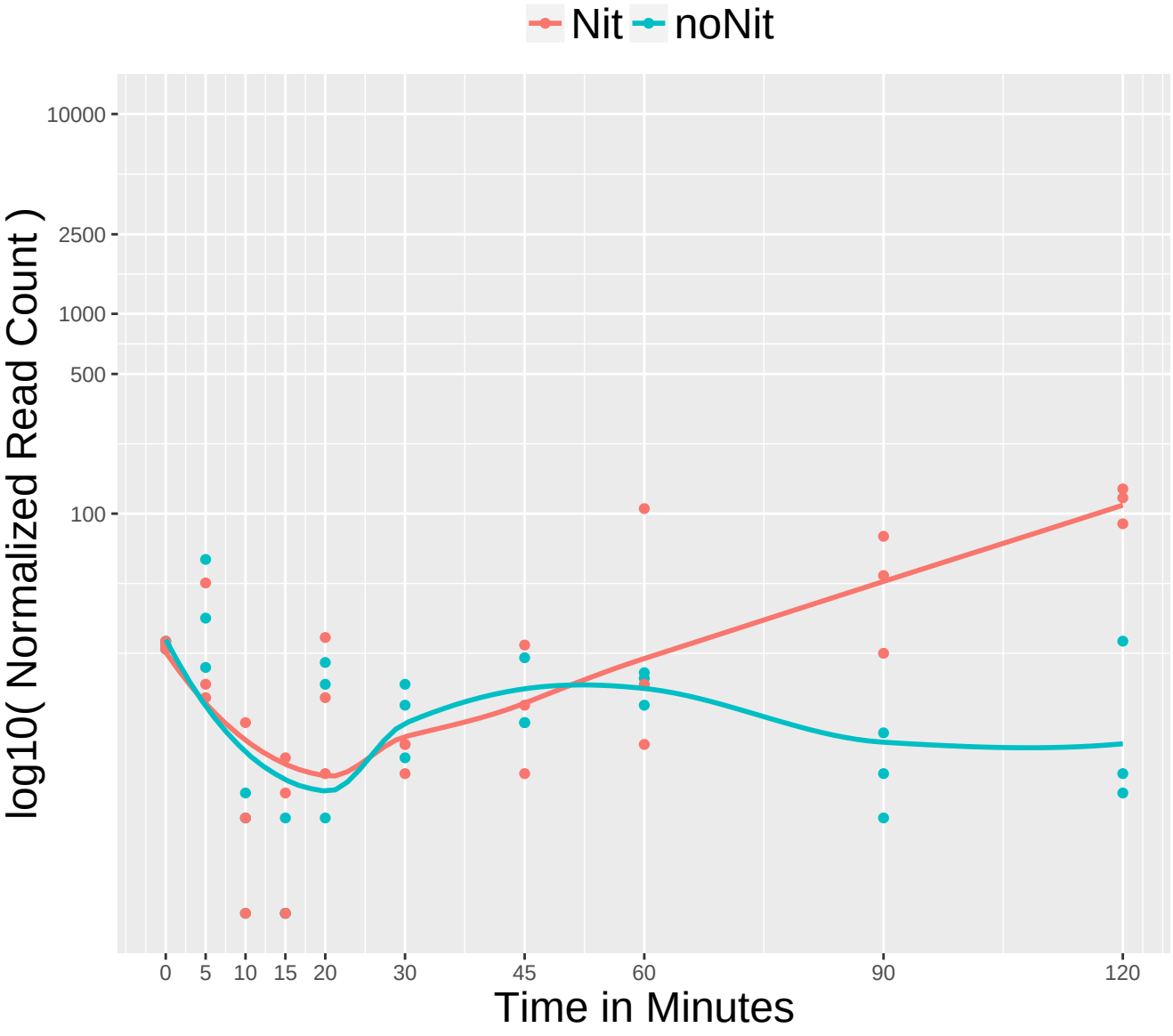
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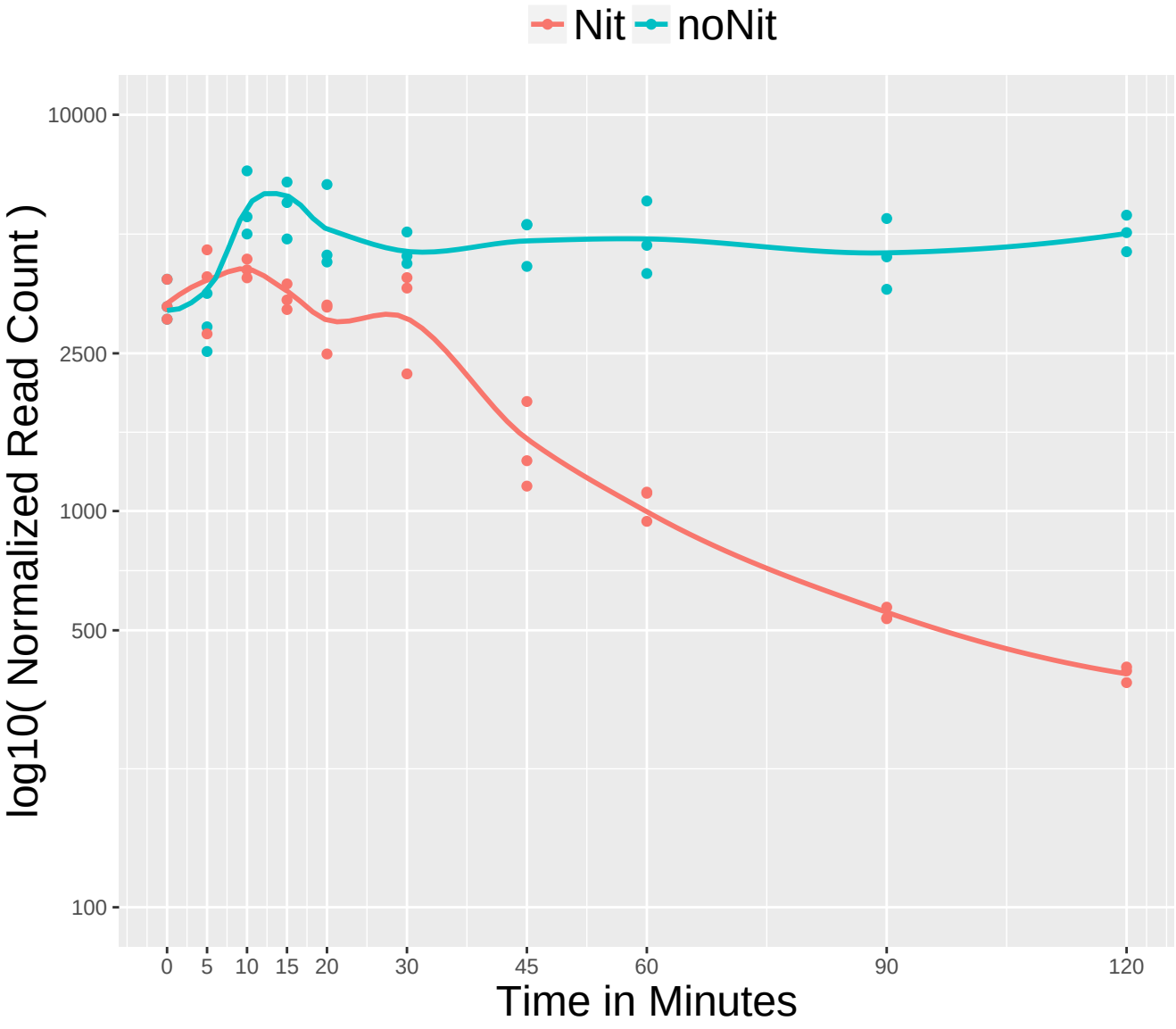
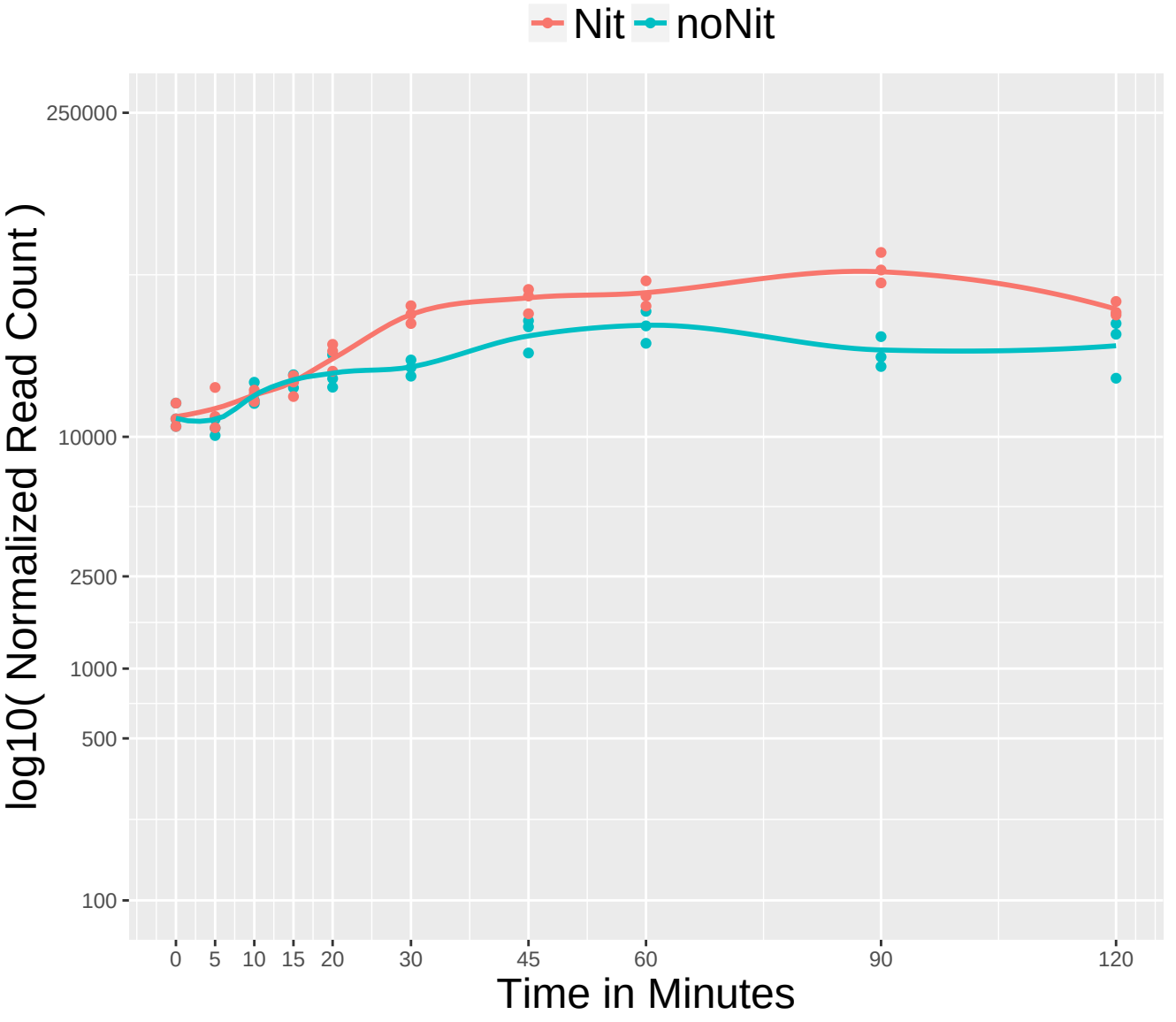
AT4G12290

Copper



AT4G26970

ACO2,aconitase



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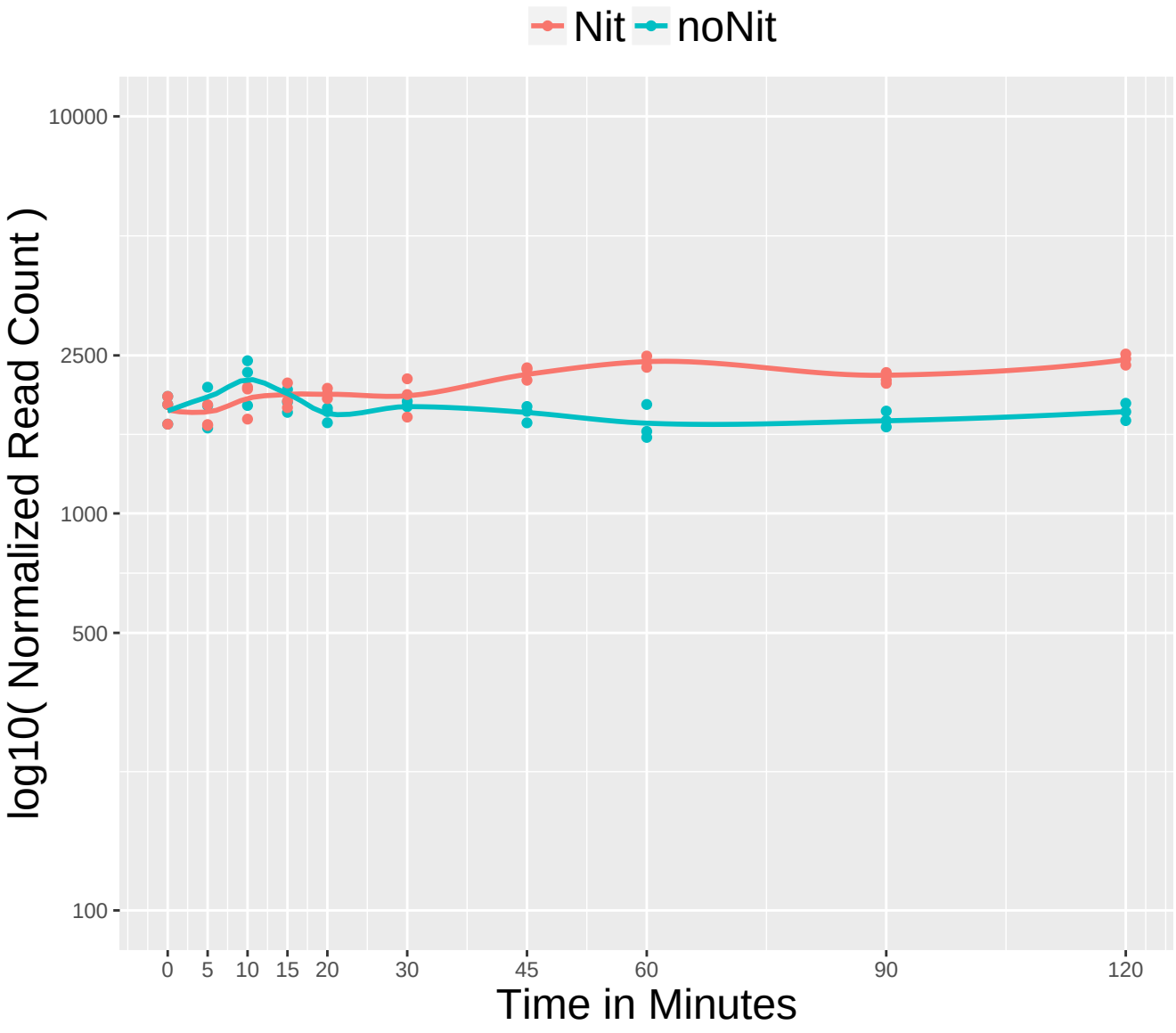
ATBT1,ARABIDOPSIS



AT5G05520

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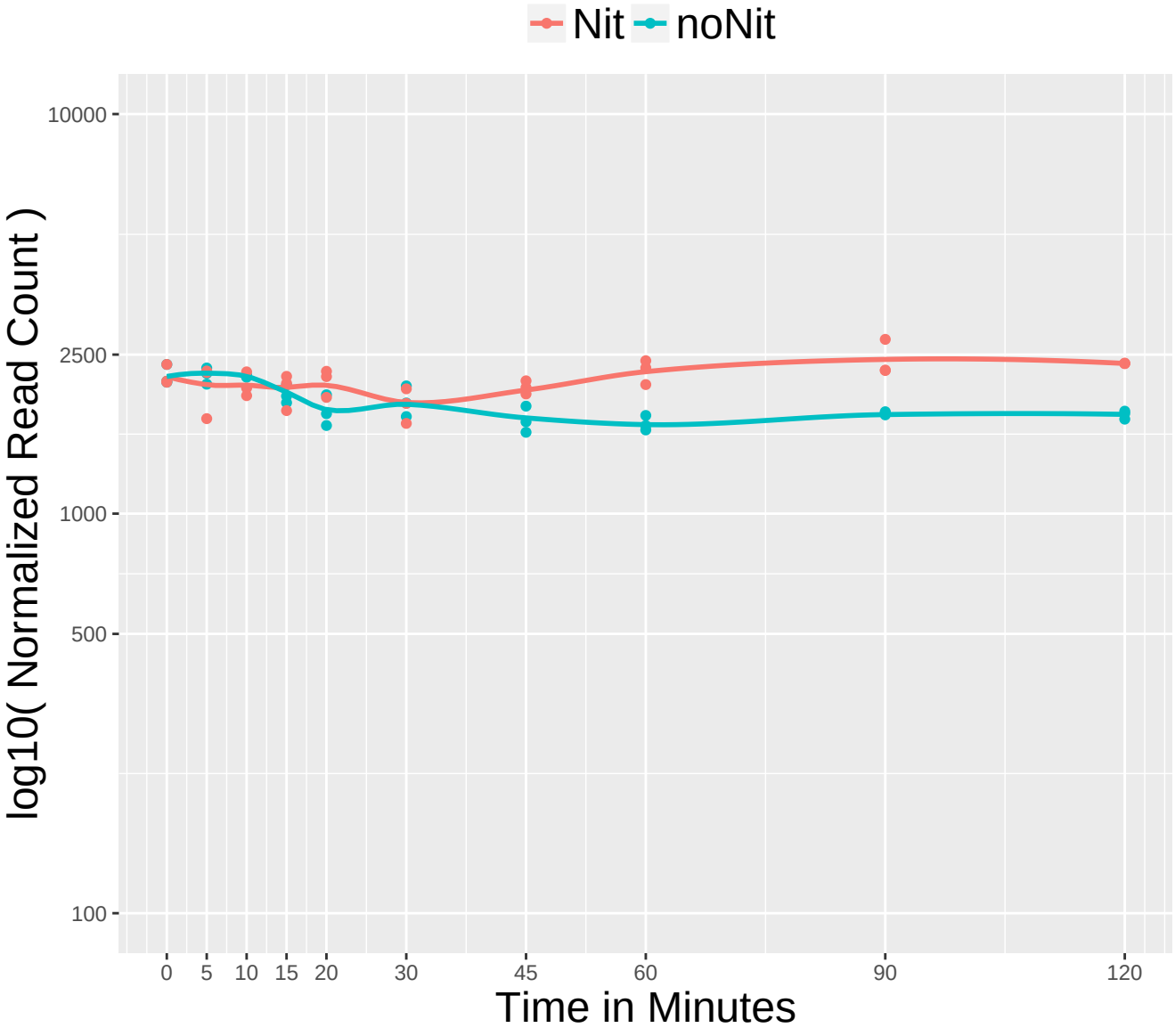

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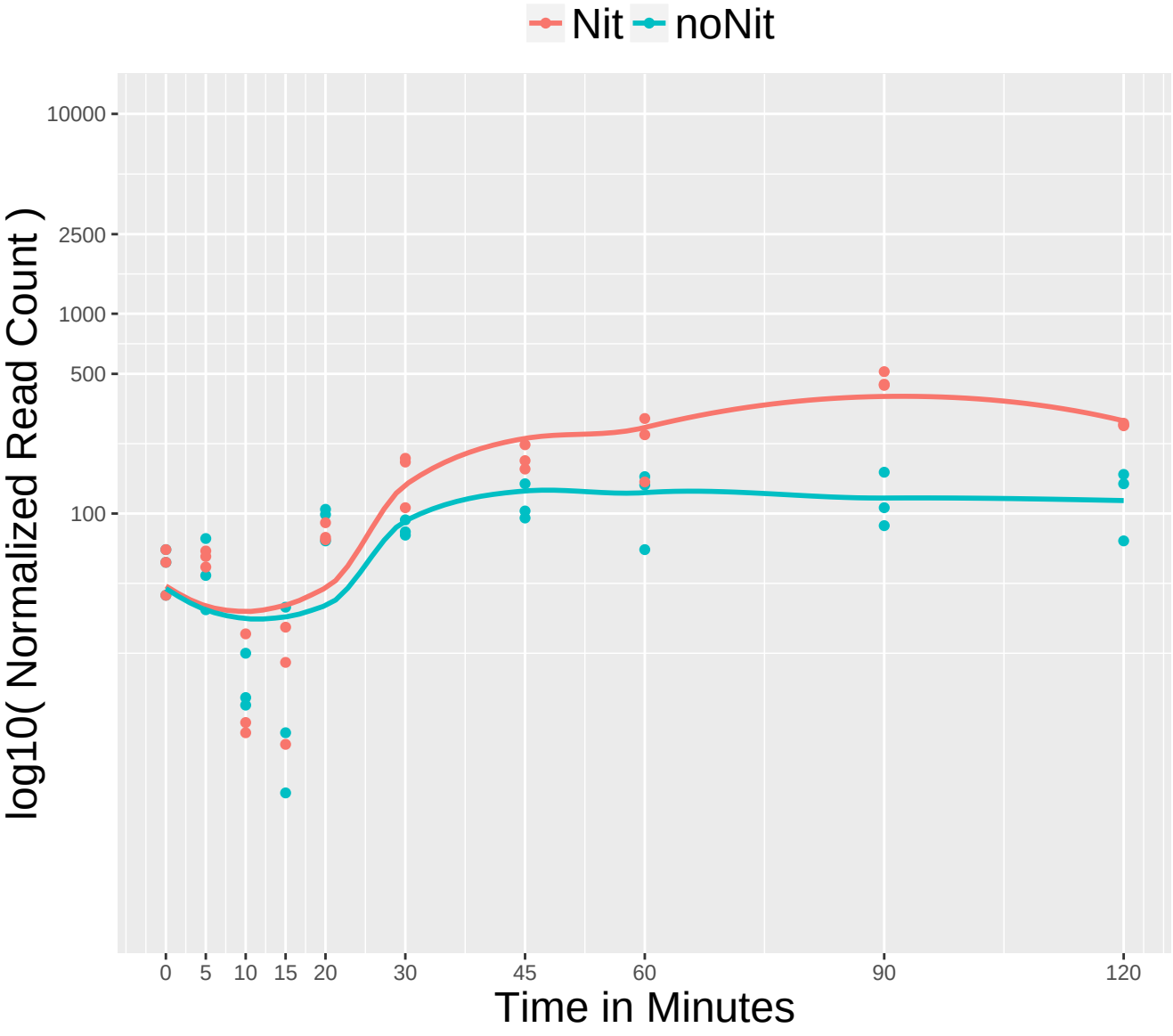
Plant



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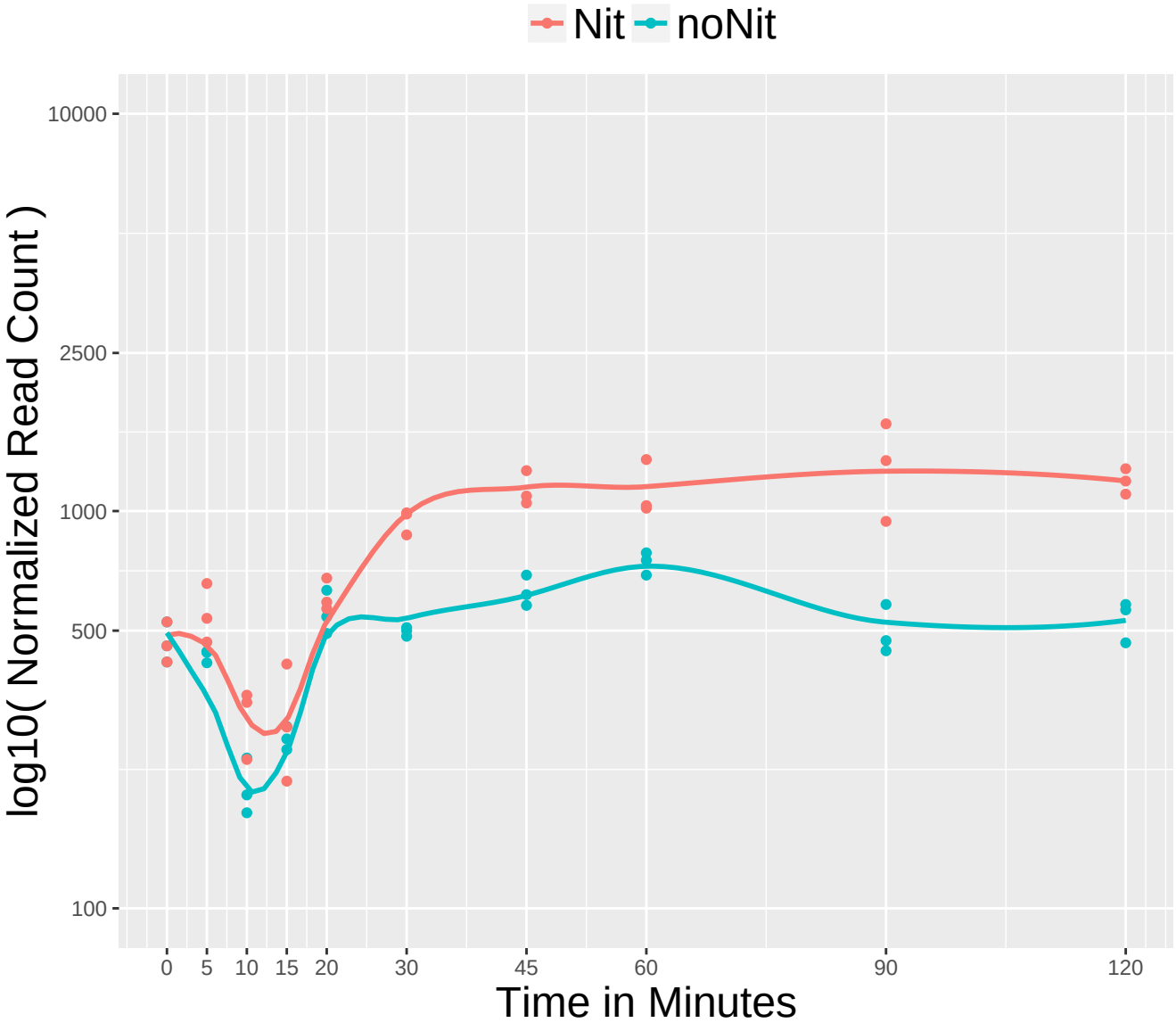
ATCBL9,,CBL9,calcineurin



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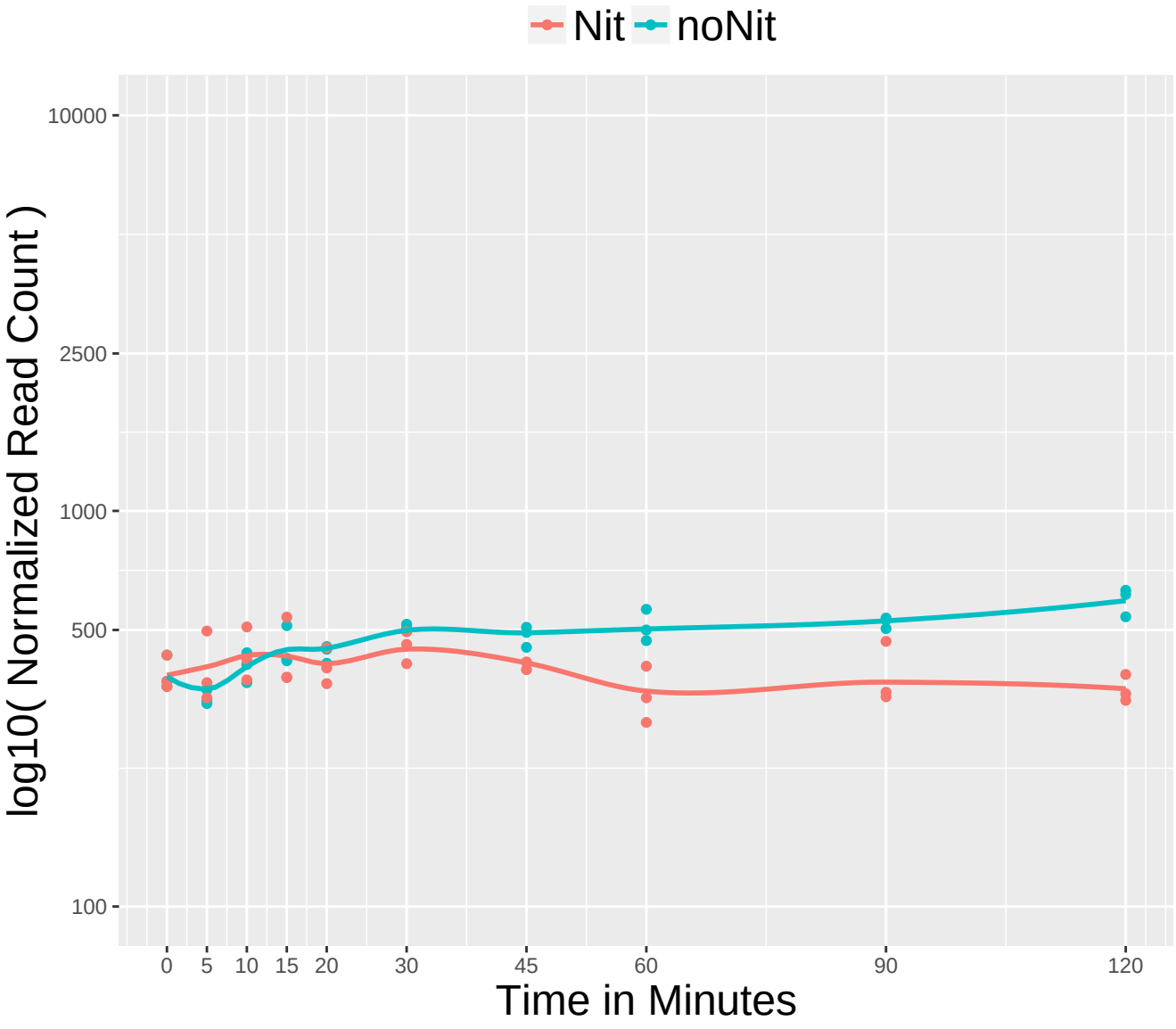
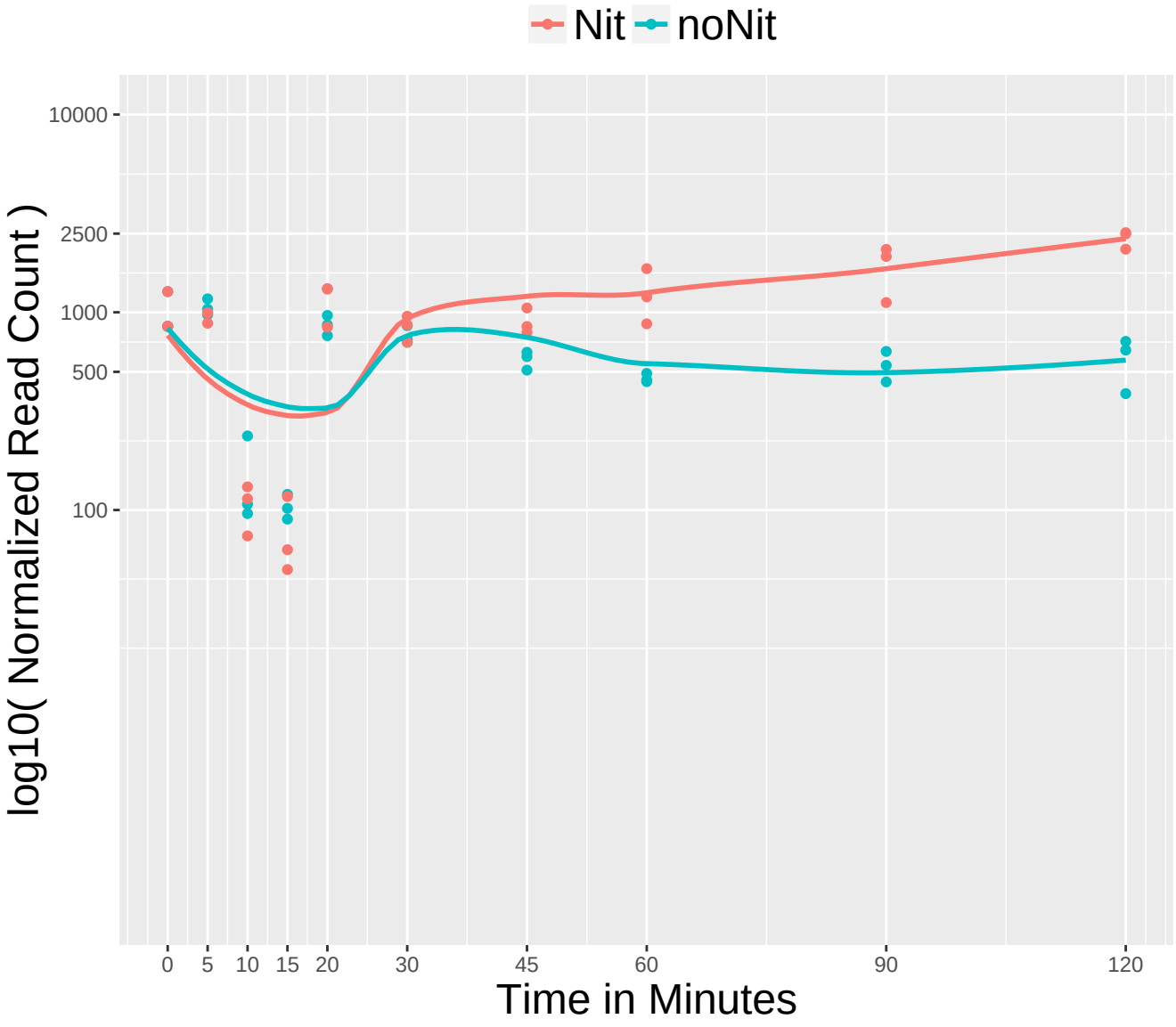
CRLK1,calcium/calmodulin−regulated



AT5G62920

ARR6,response



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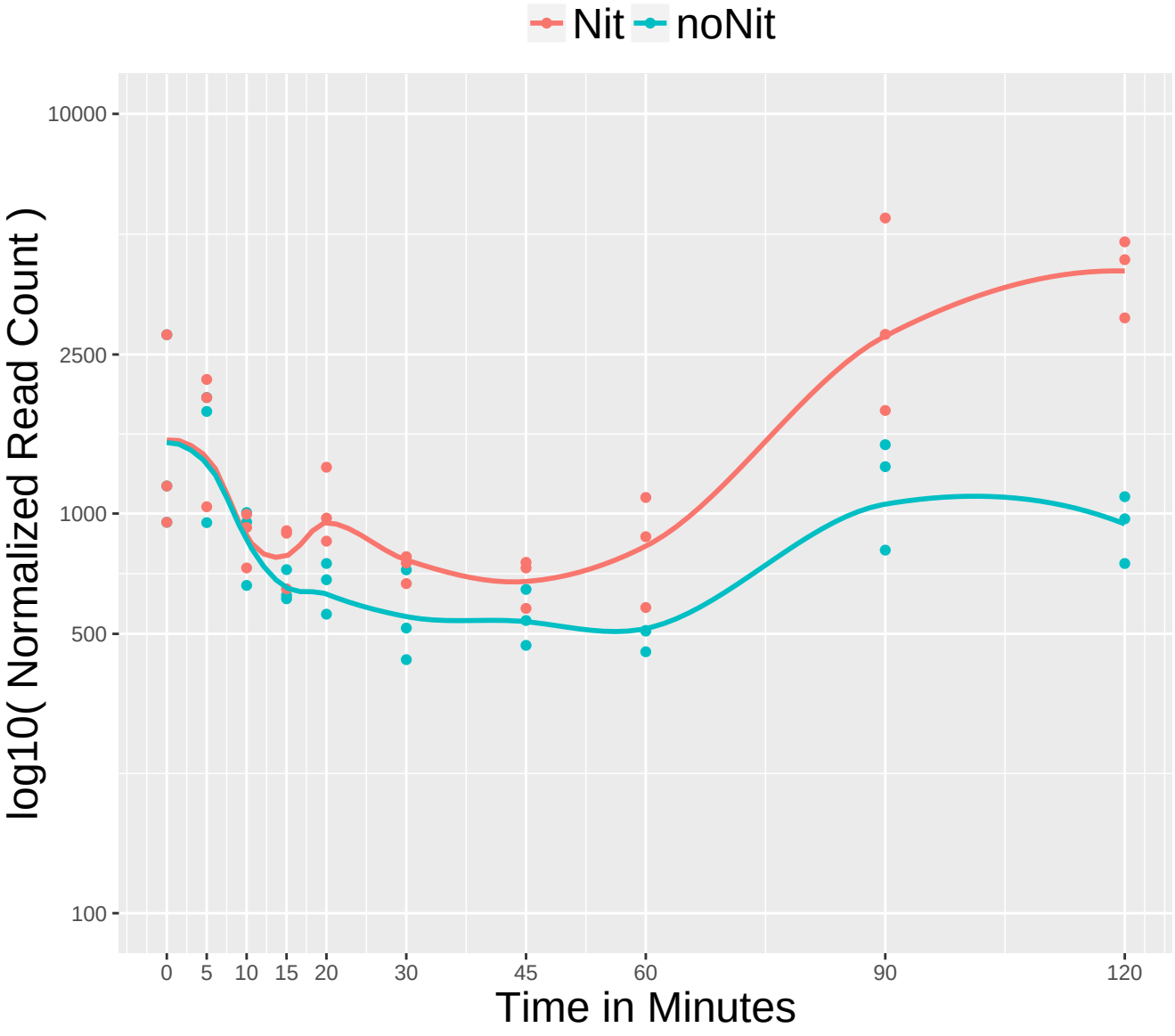
Protein



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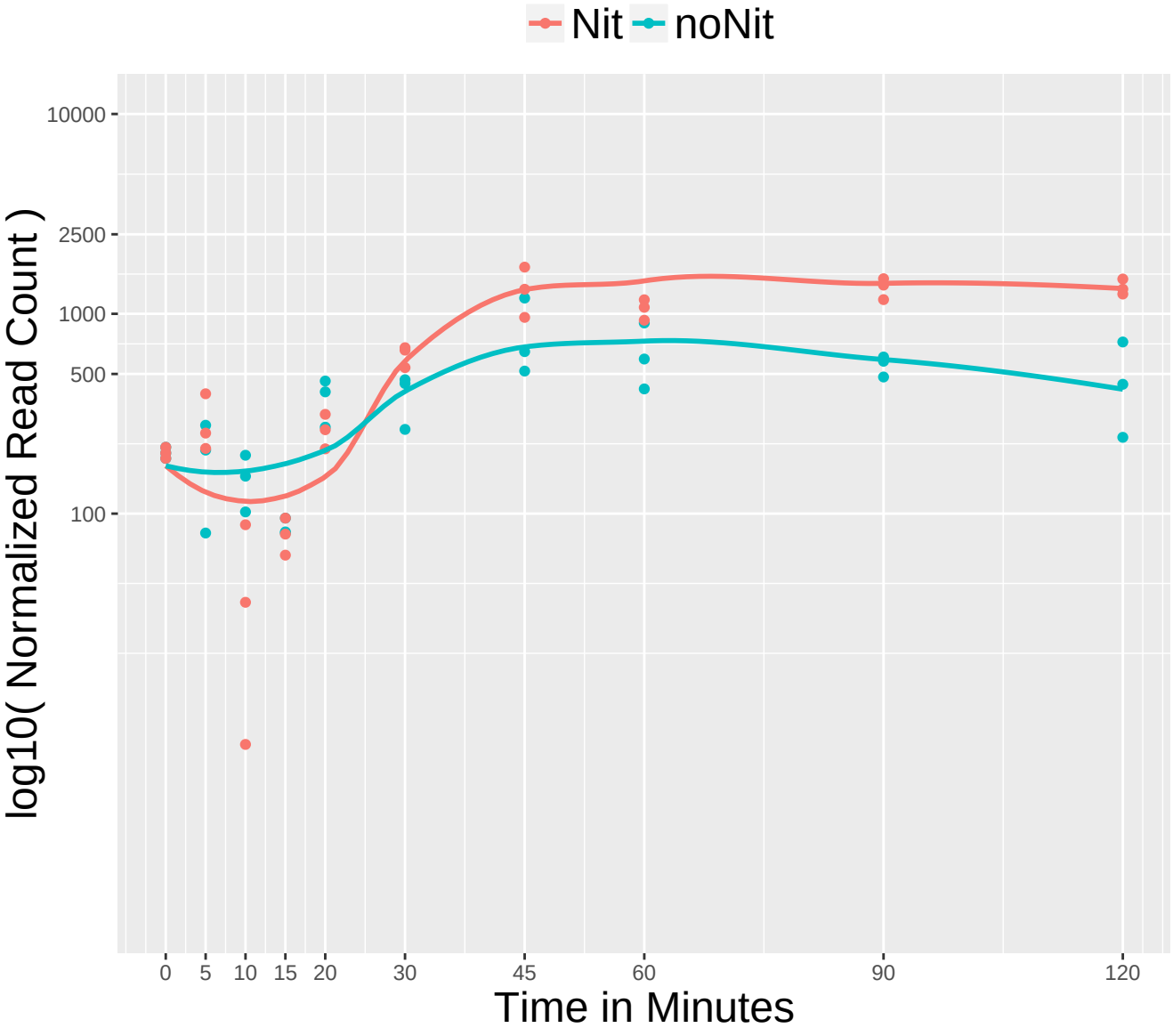
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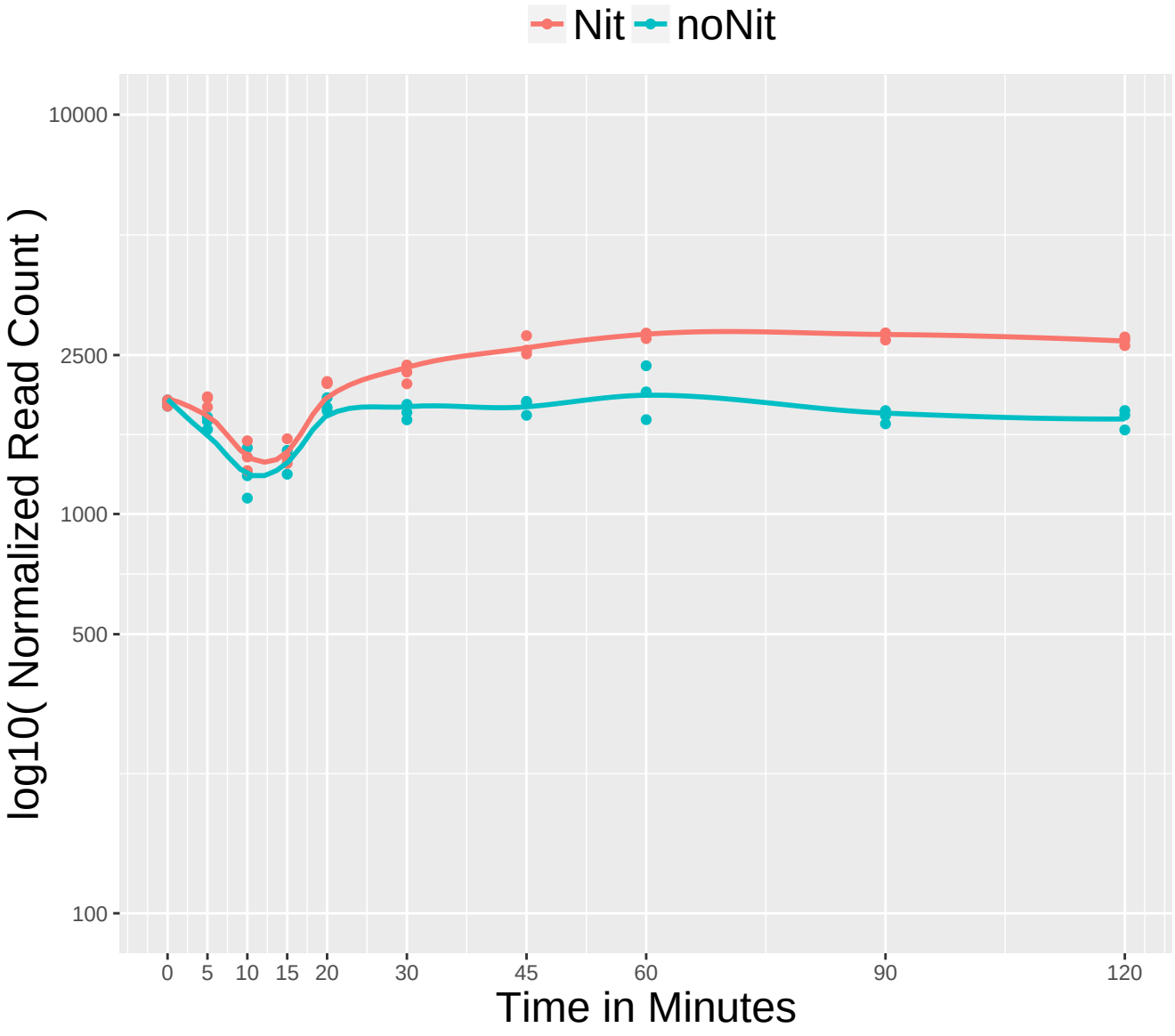
AT1G24267

Protein



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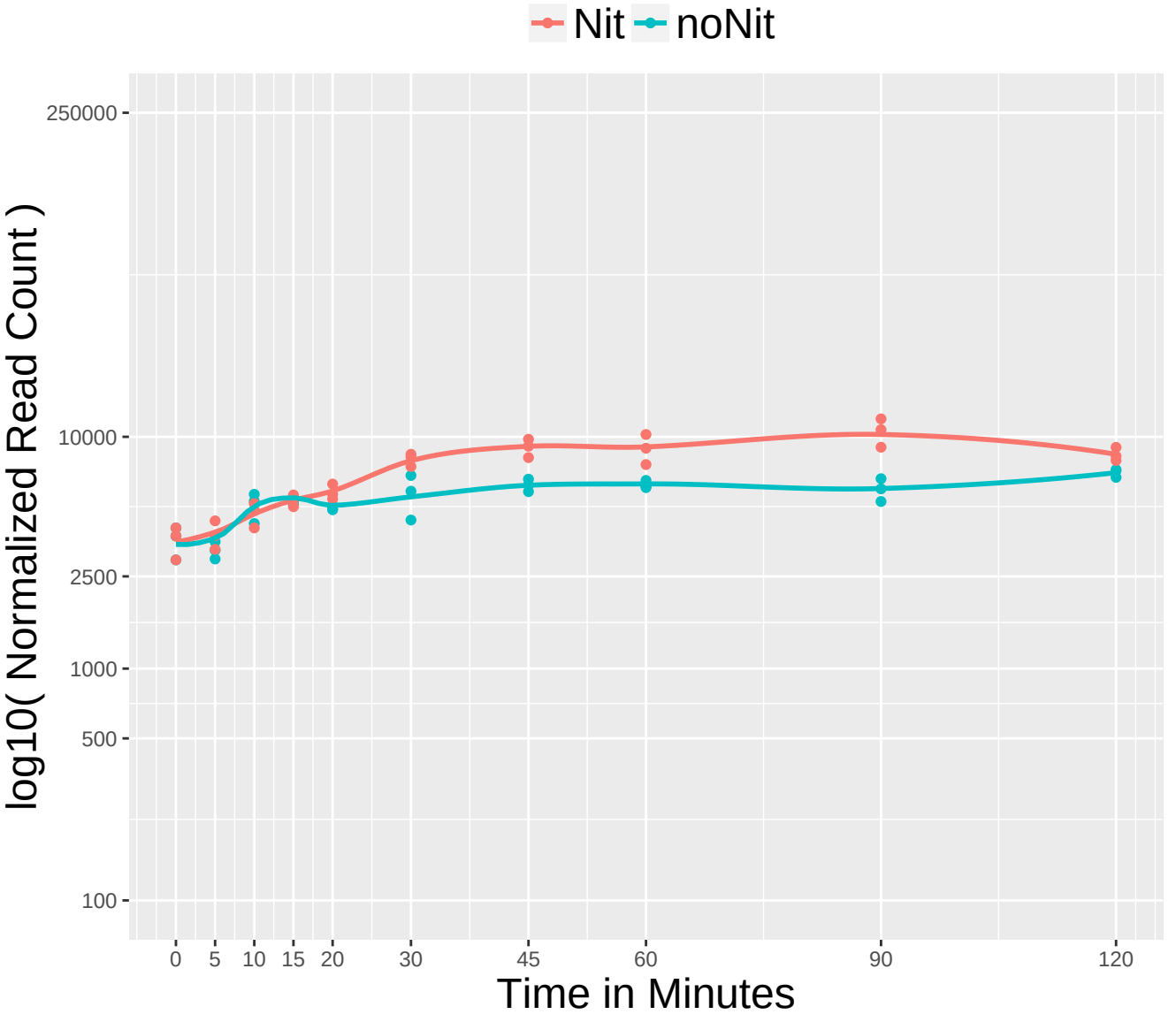
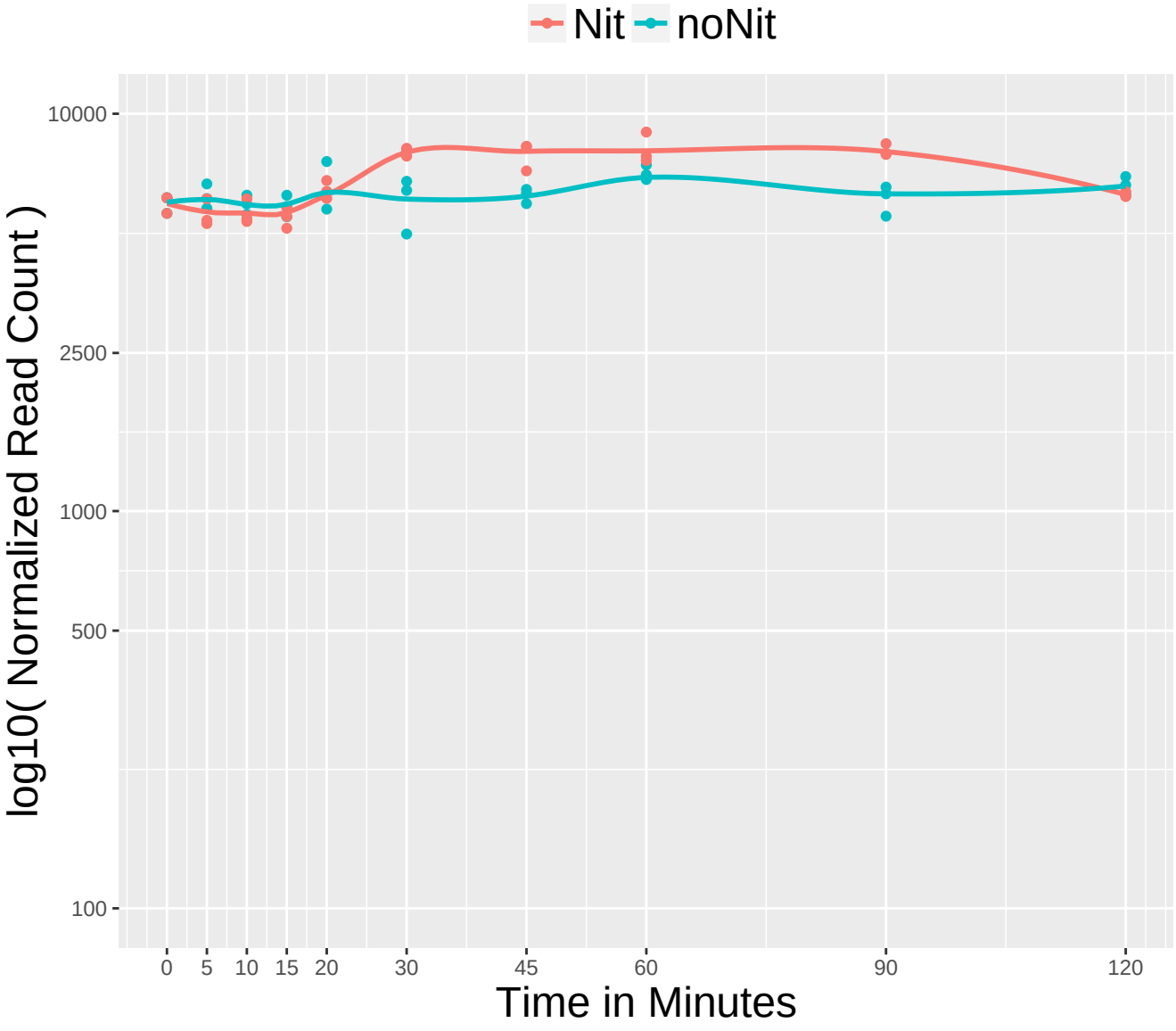
ENO1,enolase



AT2G26650

AKT1,K+



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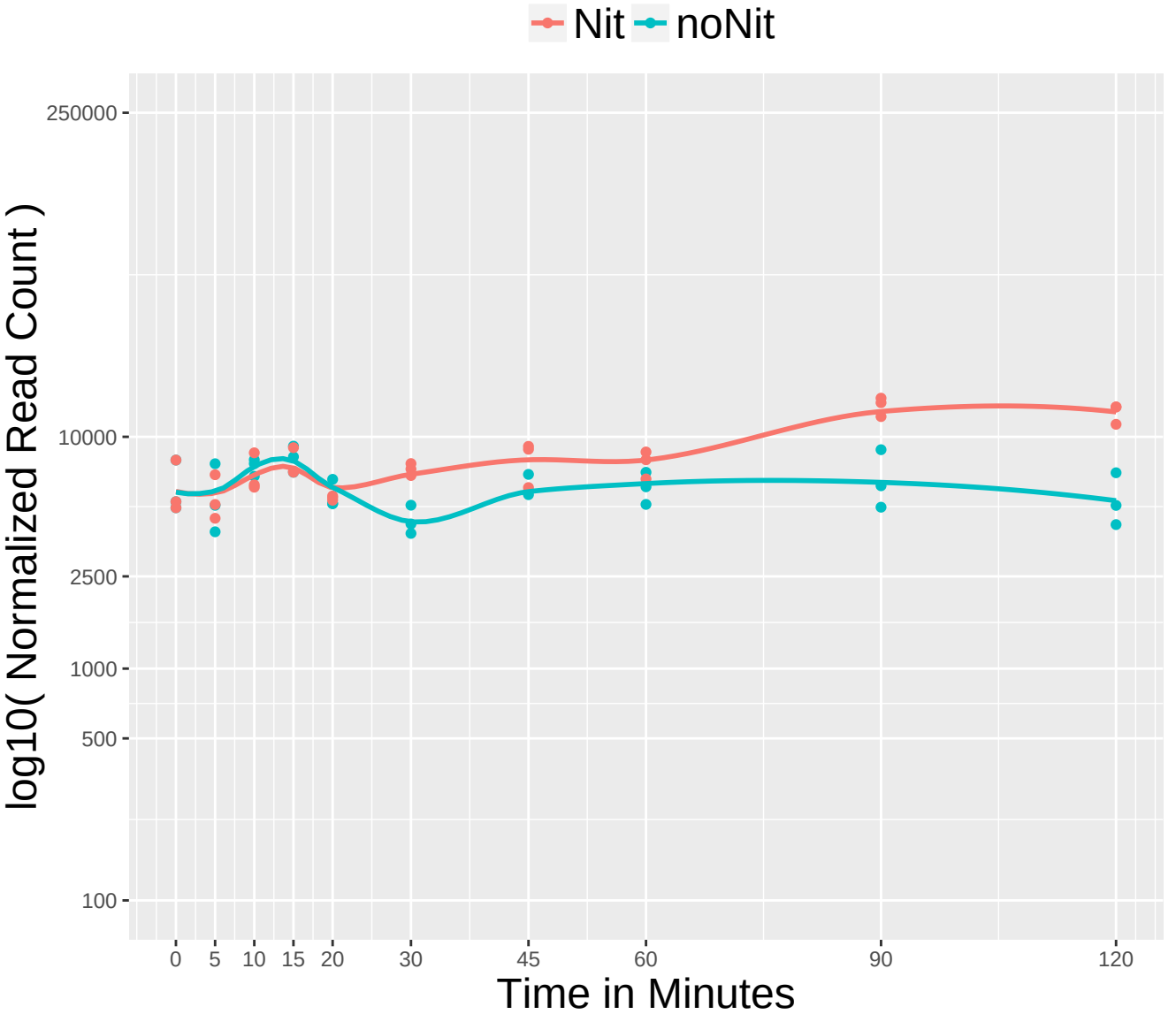
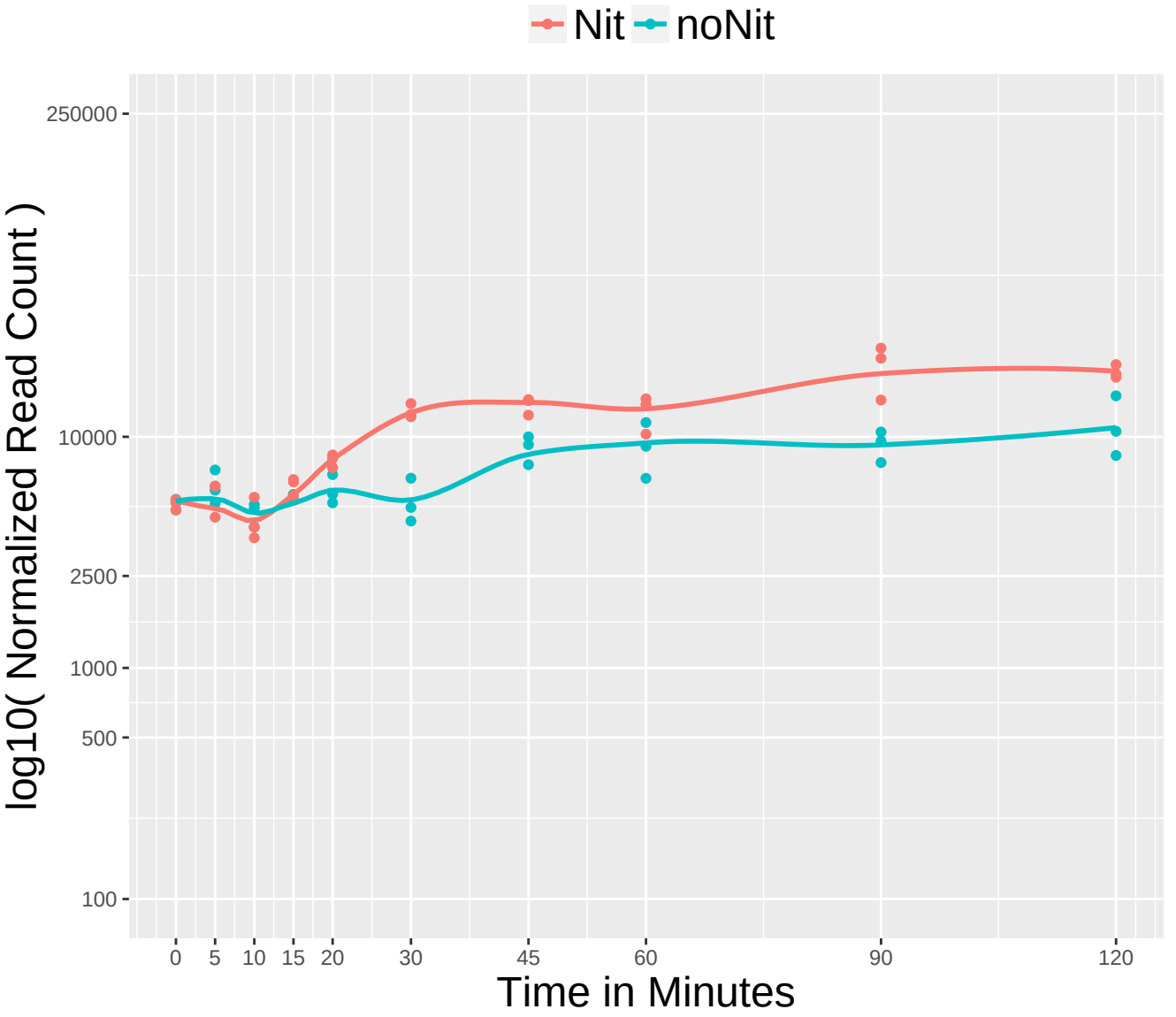
DALL3,DAD1−Like



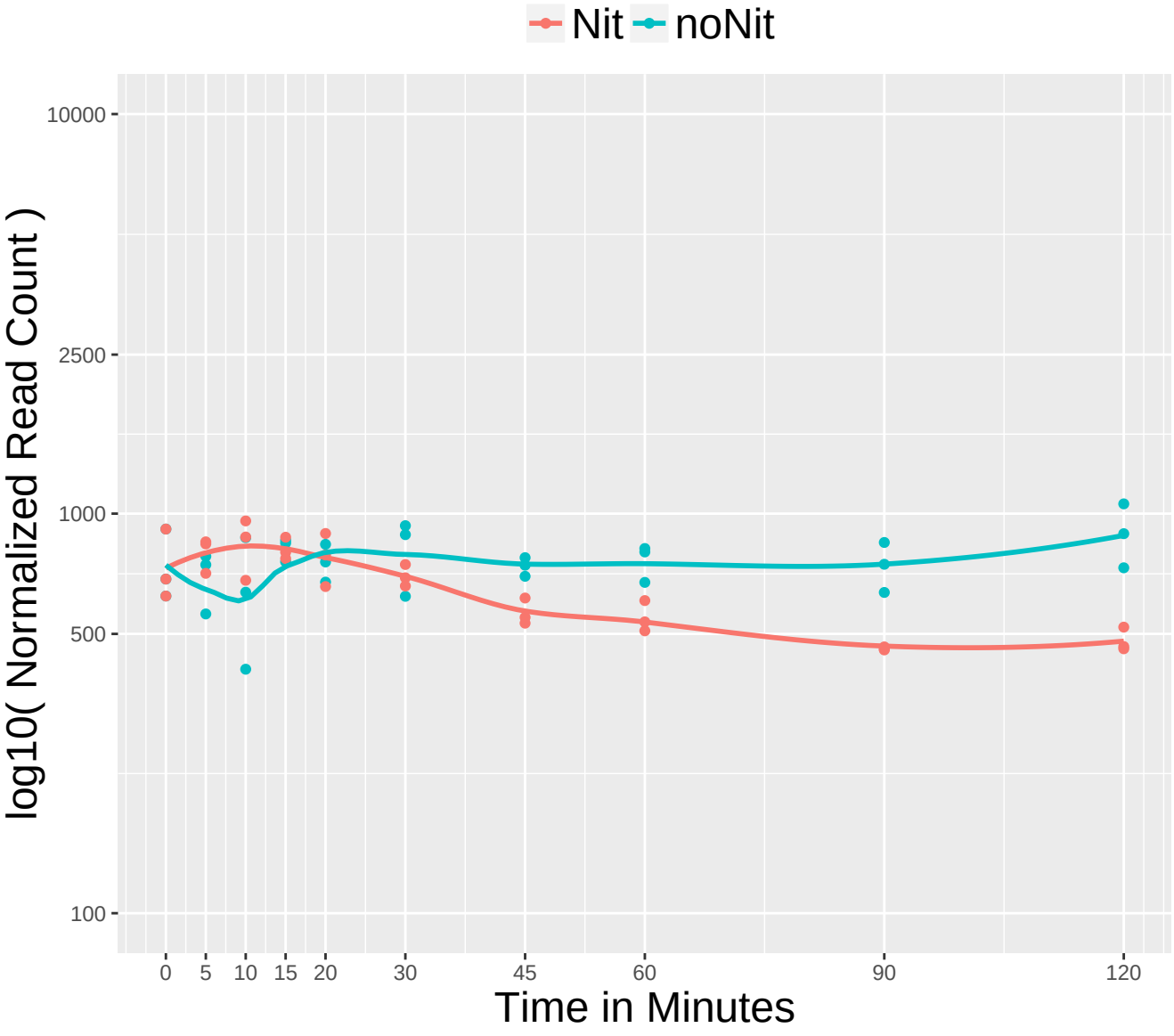
AT2G30660

ATP−dependent



AT2G30720

Thioesterase/thiol



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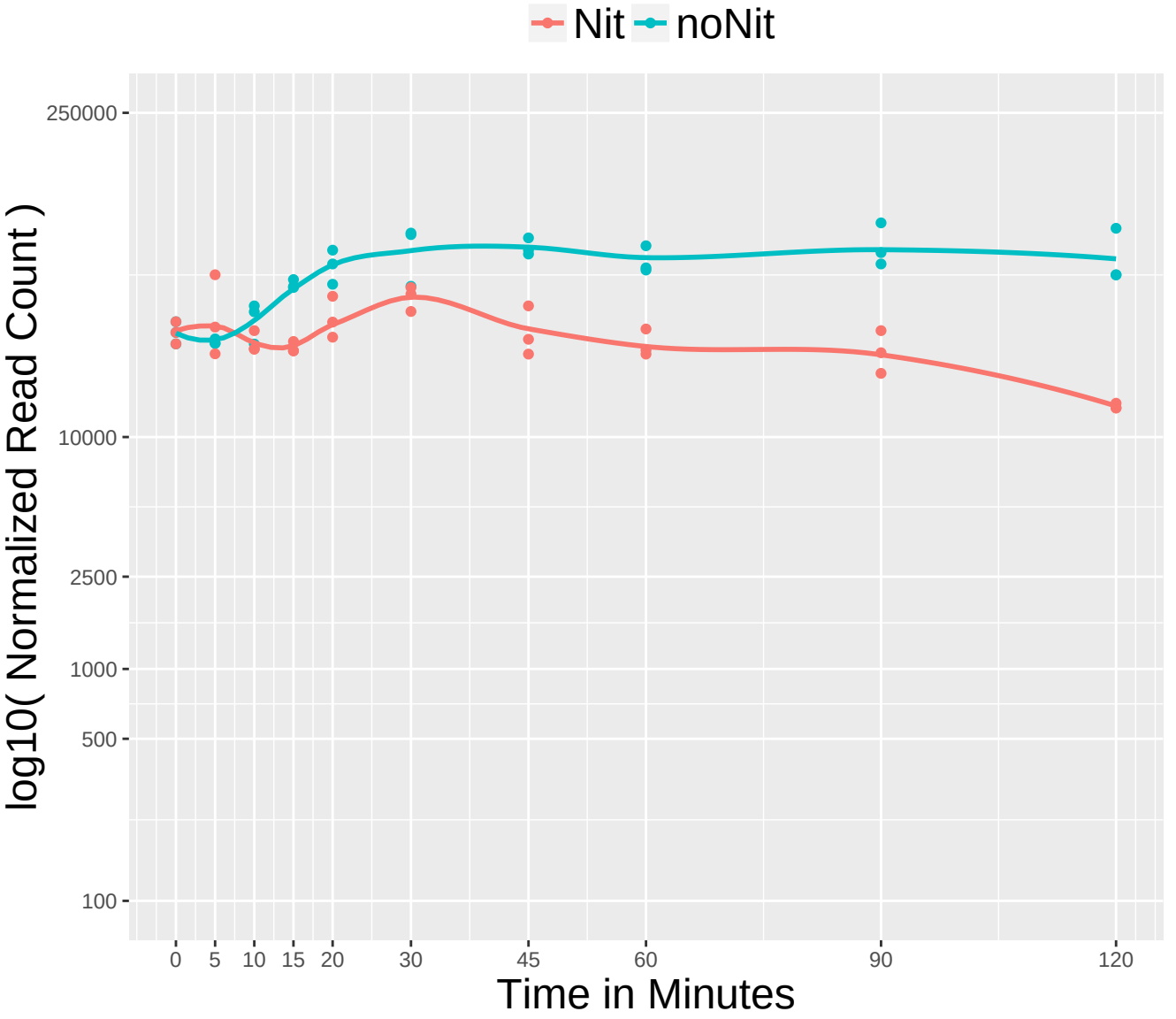
ATPAL1,,PAL1,PHE



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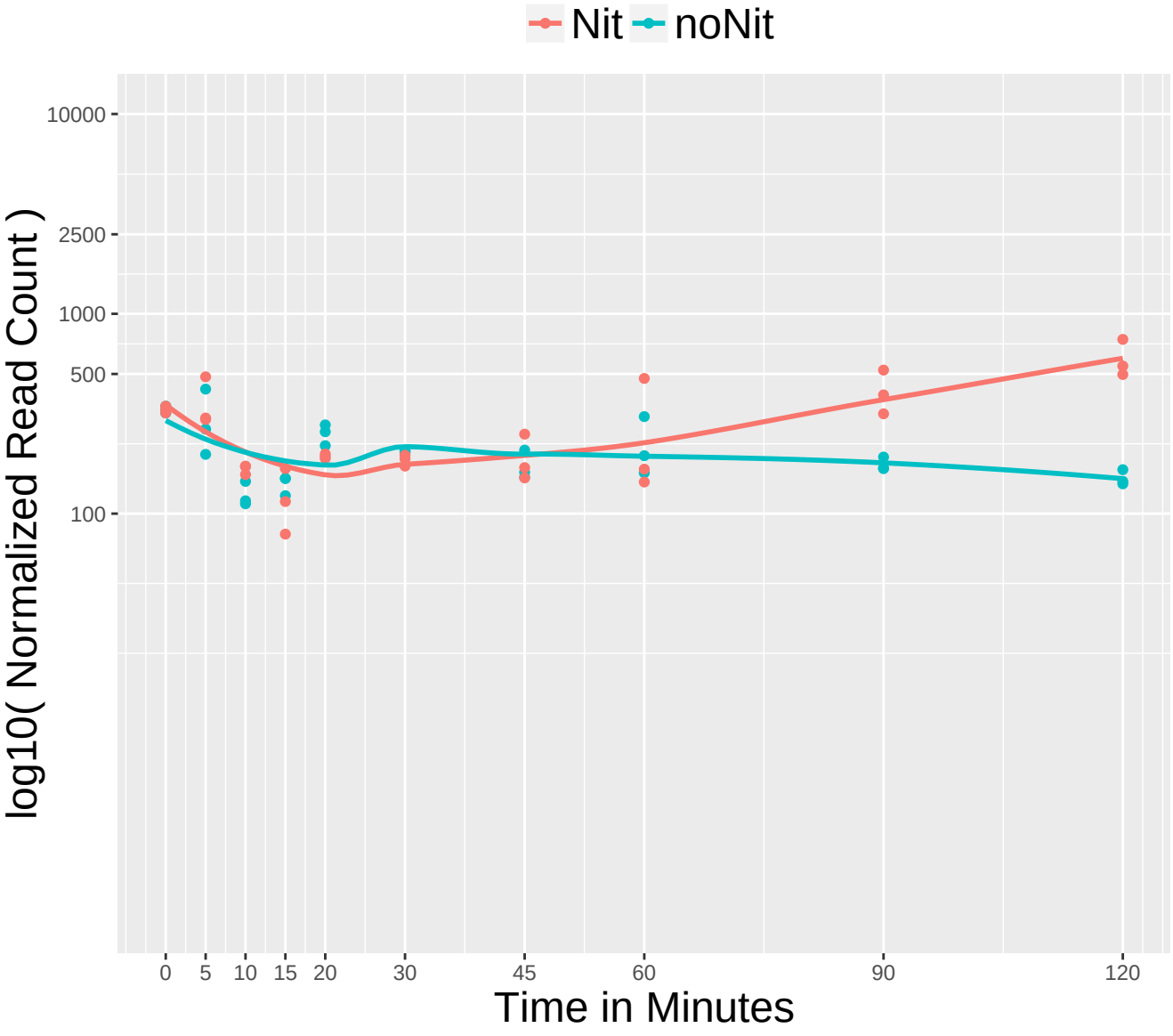
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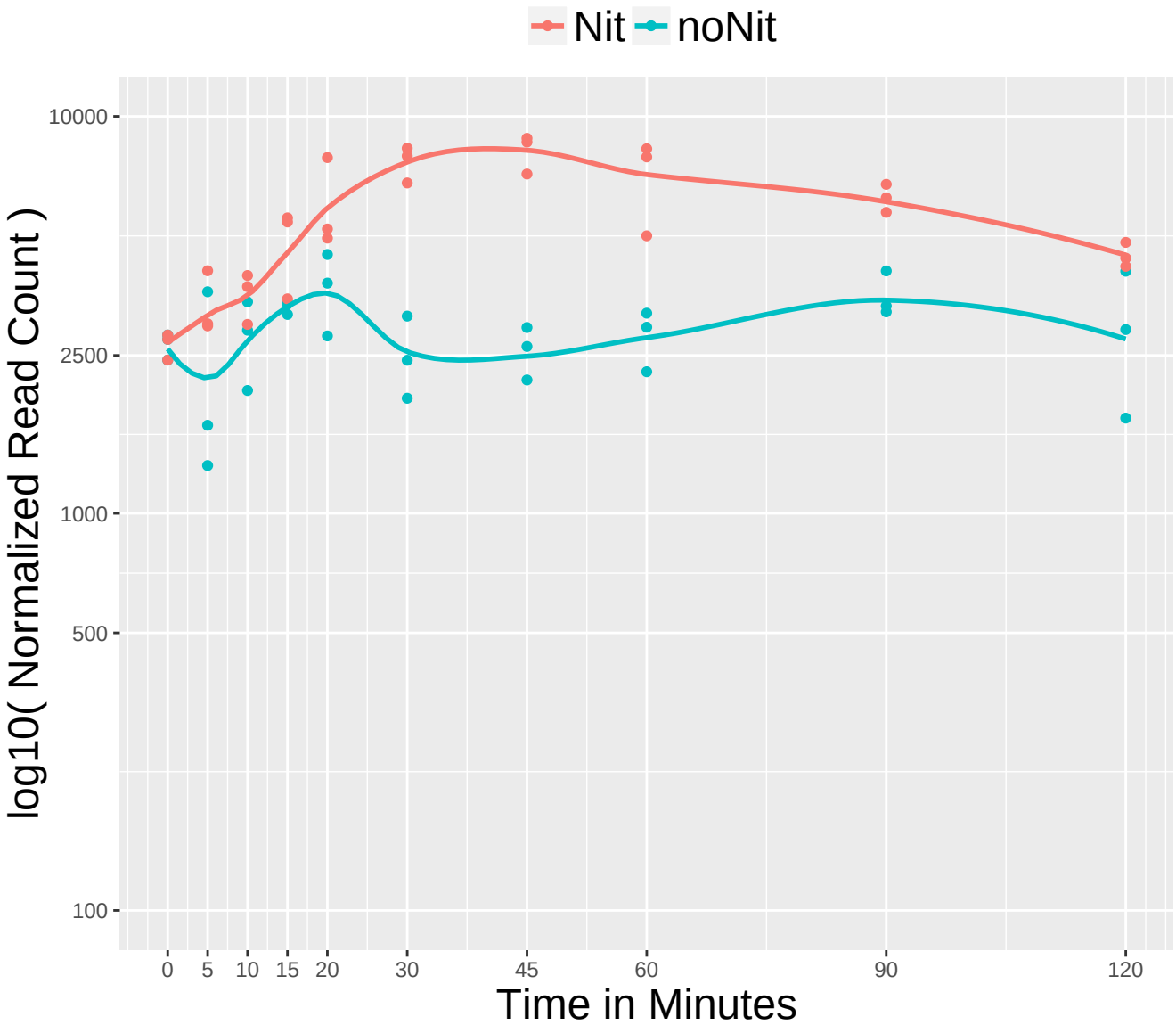
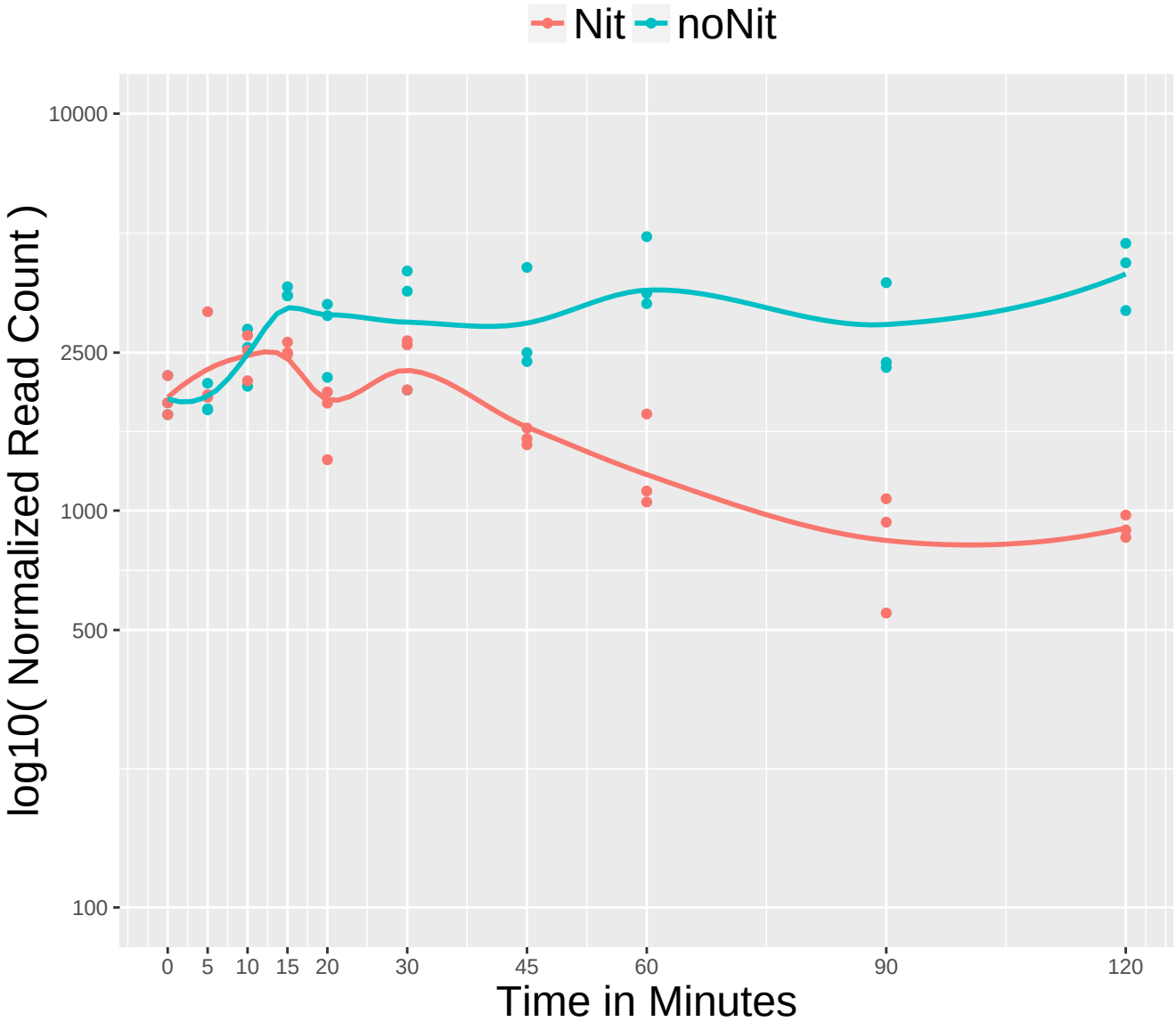
AT2G40750

ATWRKY54,WRKY

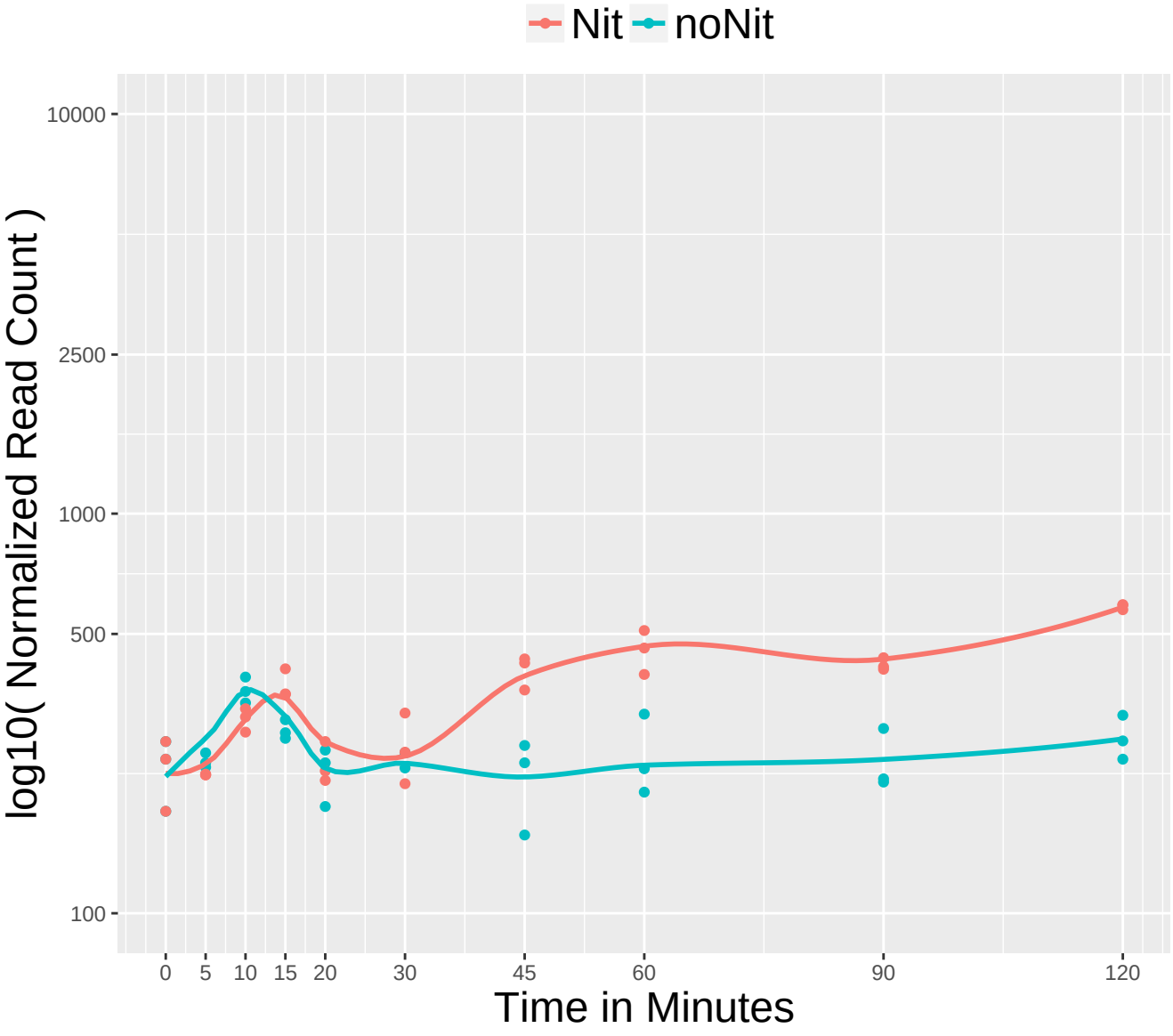


AT2G43000

ANAC042,NAC



AT3G55690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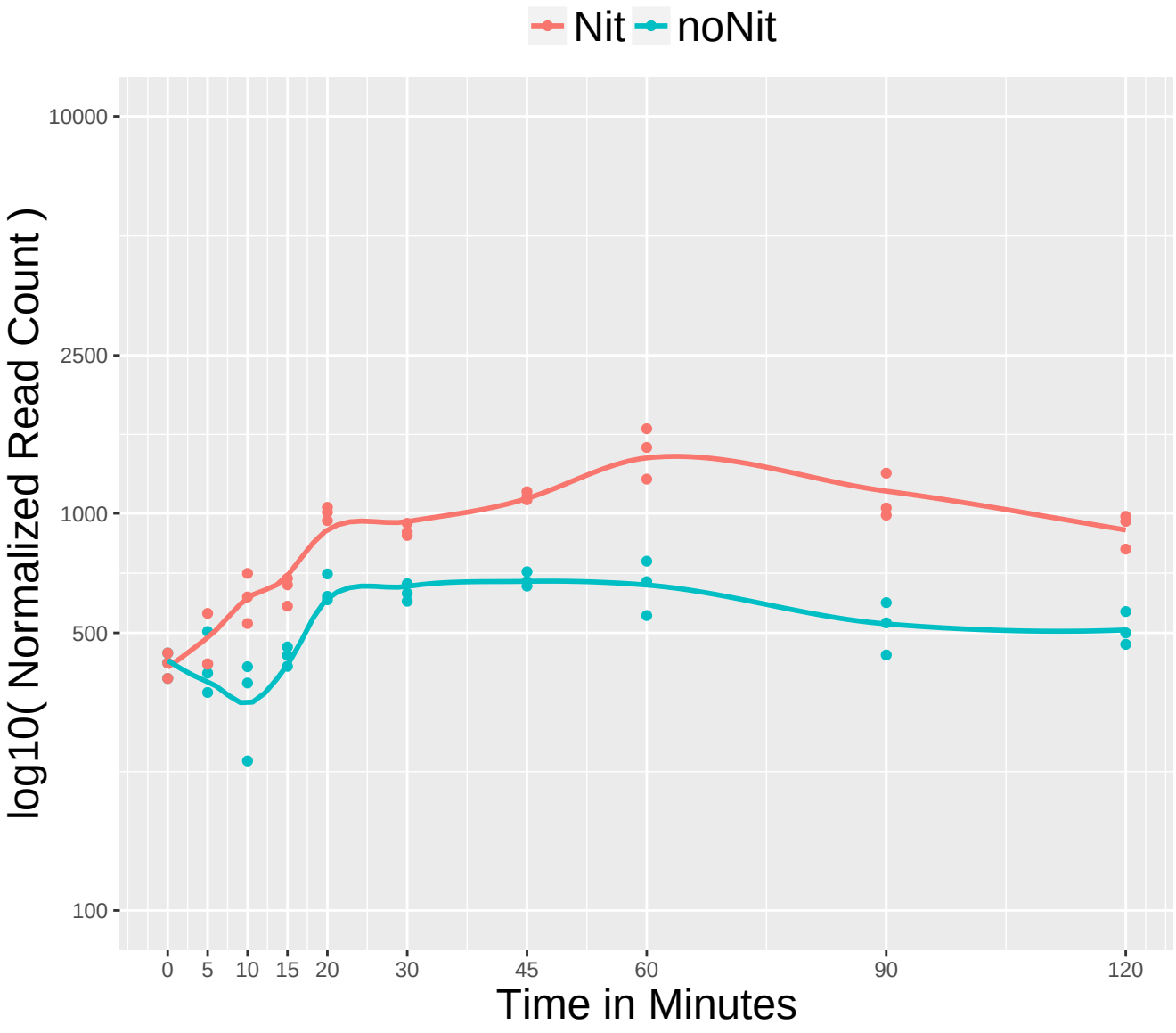
Time in Minutes

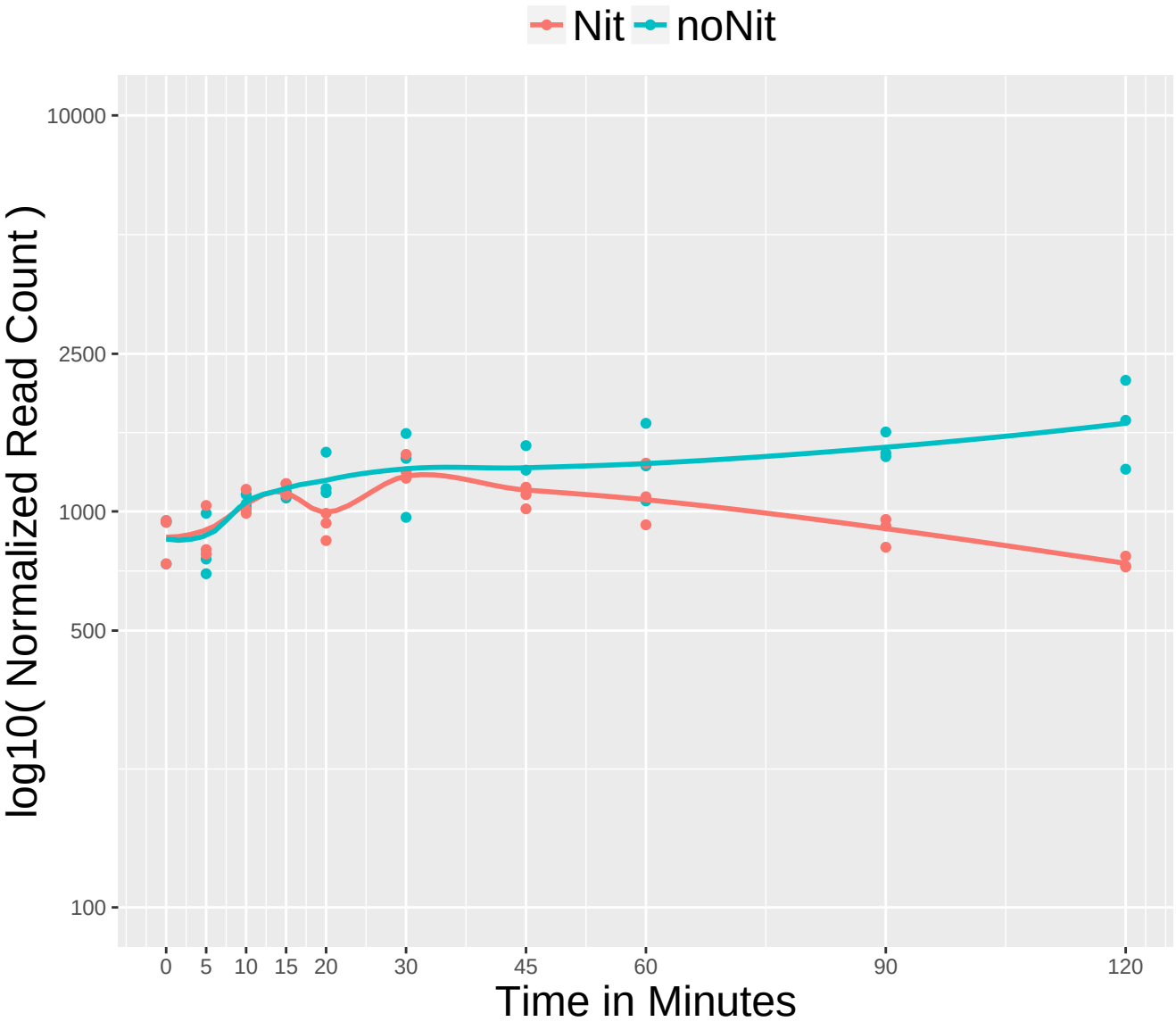
AT3G61590

HS,,HWS,HAWAIIAN



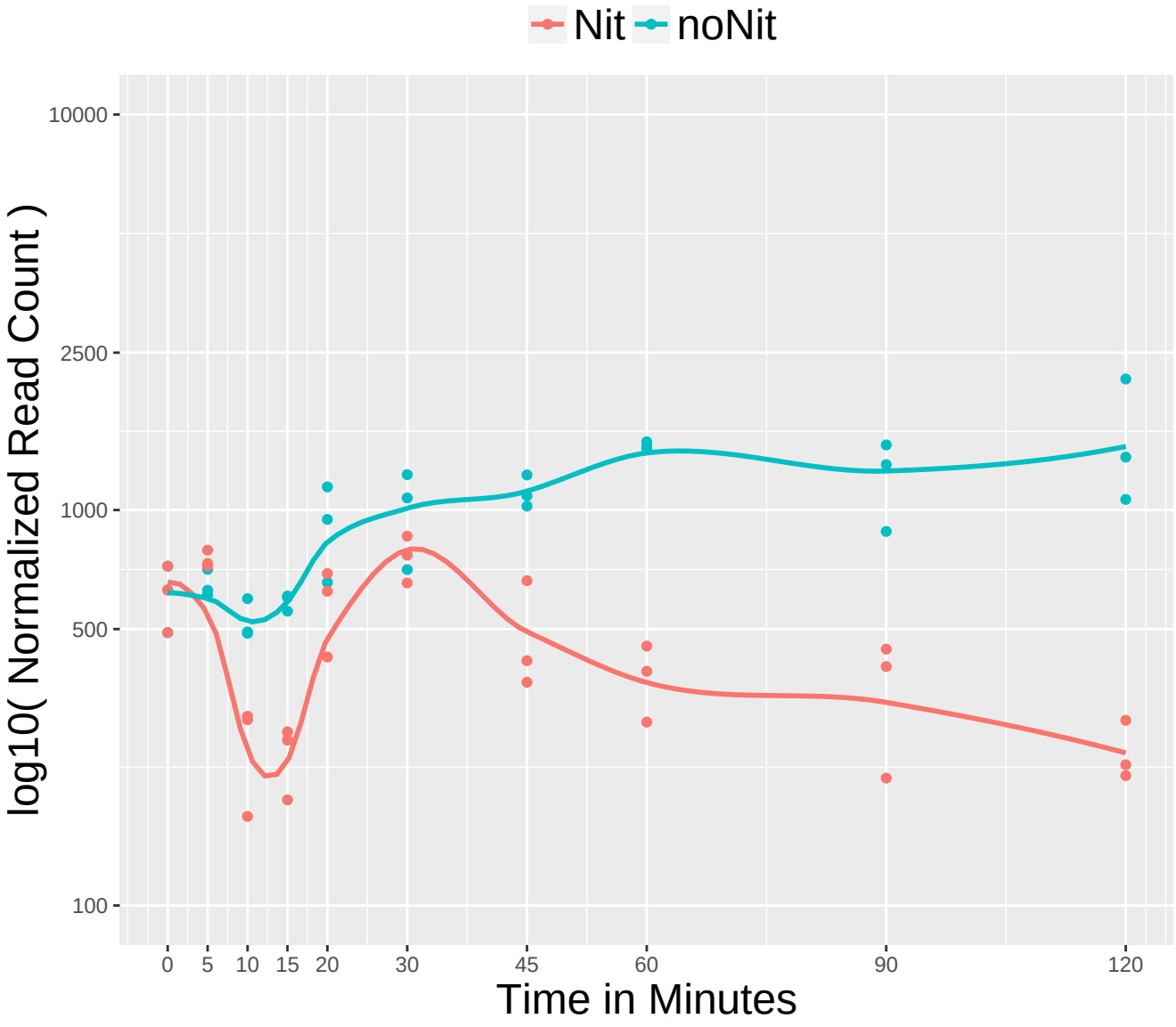
AT4G09750

NAD(P)−binding



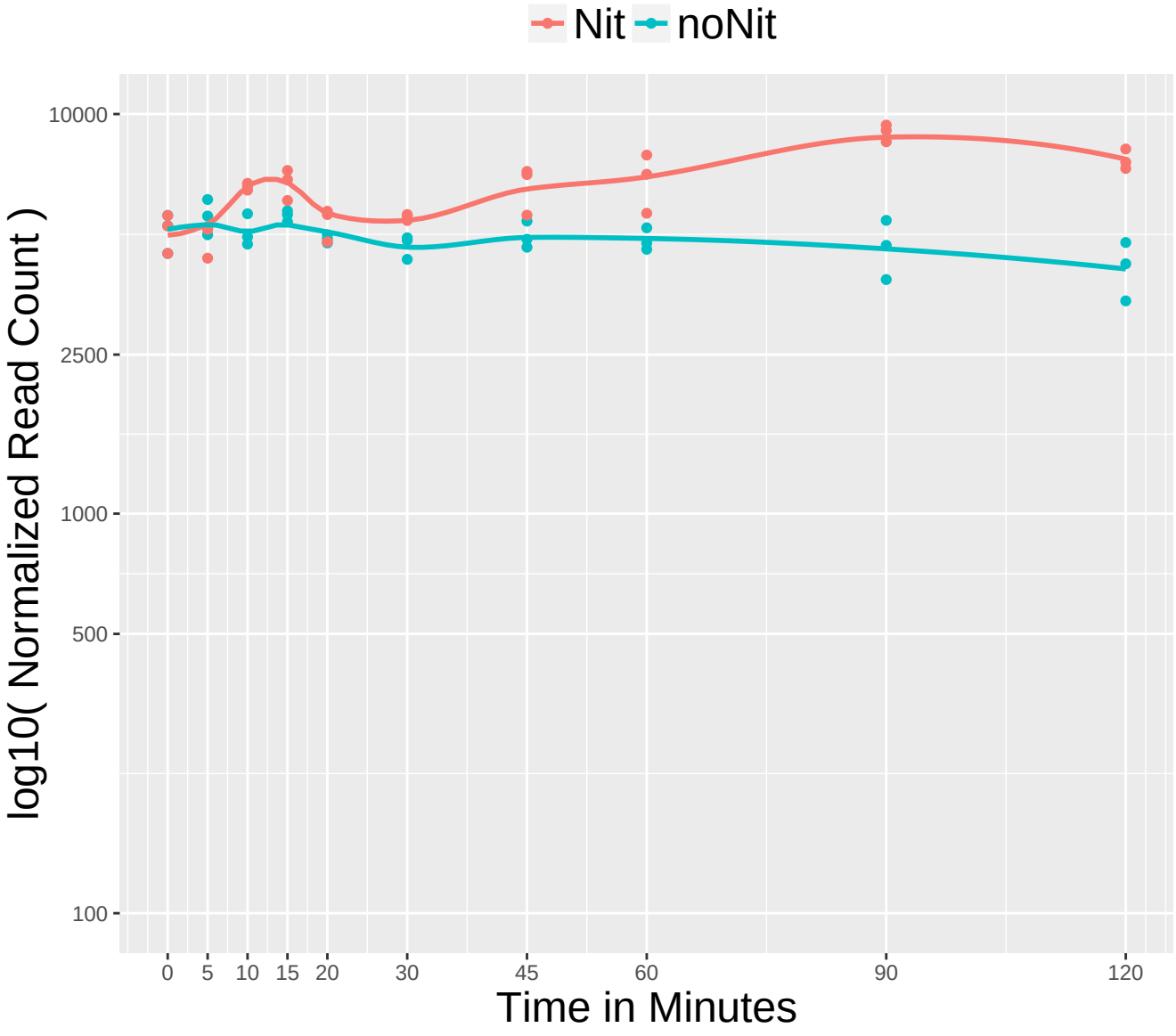
AT4G21380

ARK3,receptor



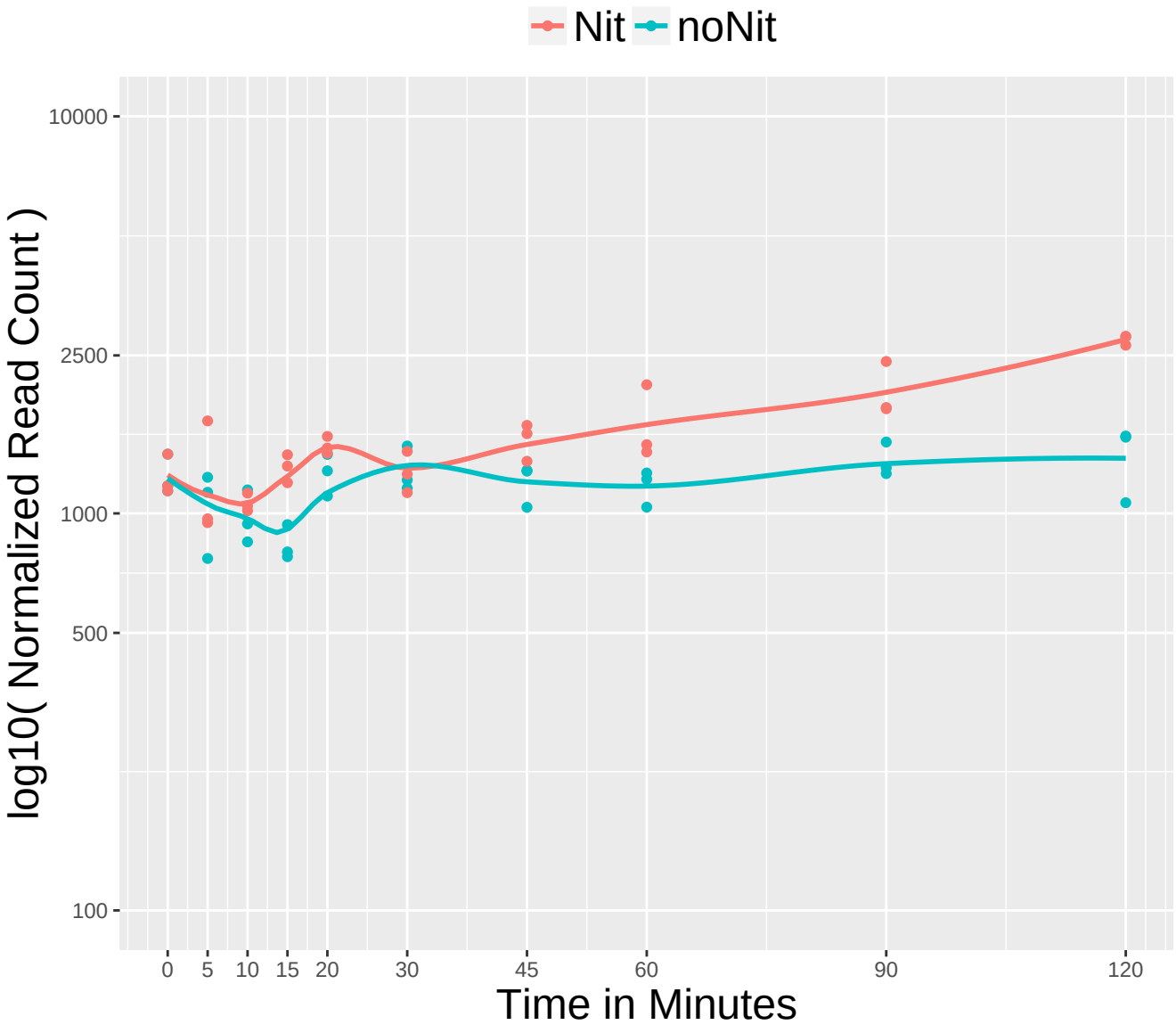
AT5G02480

HSP20−like



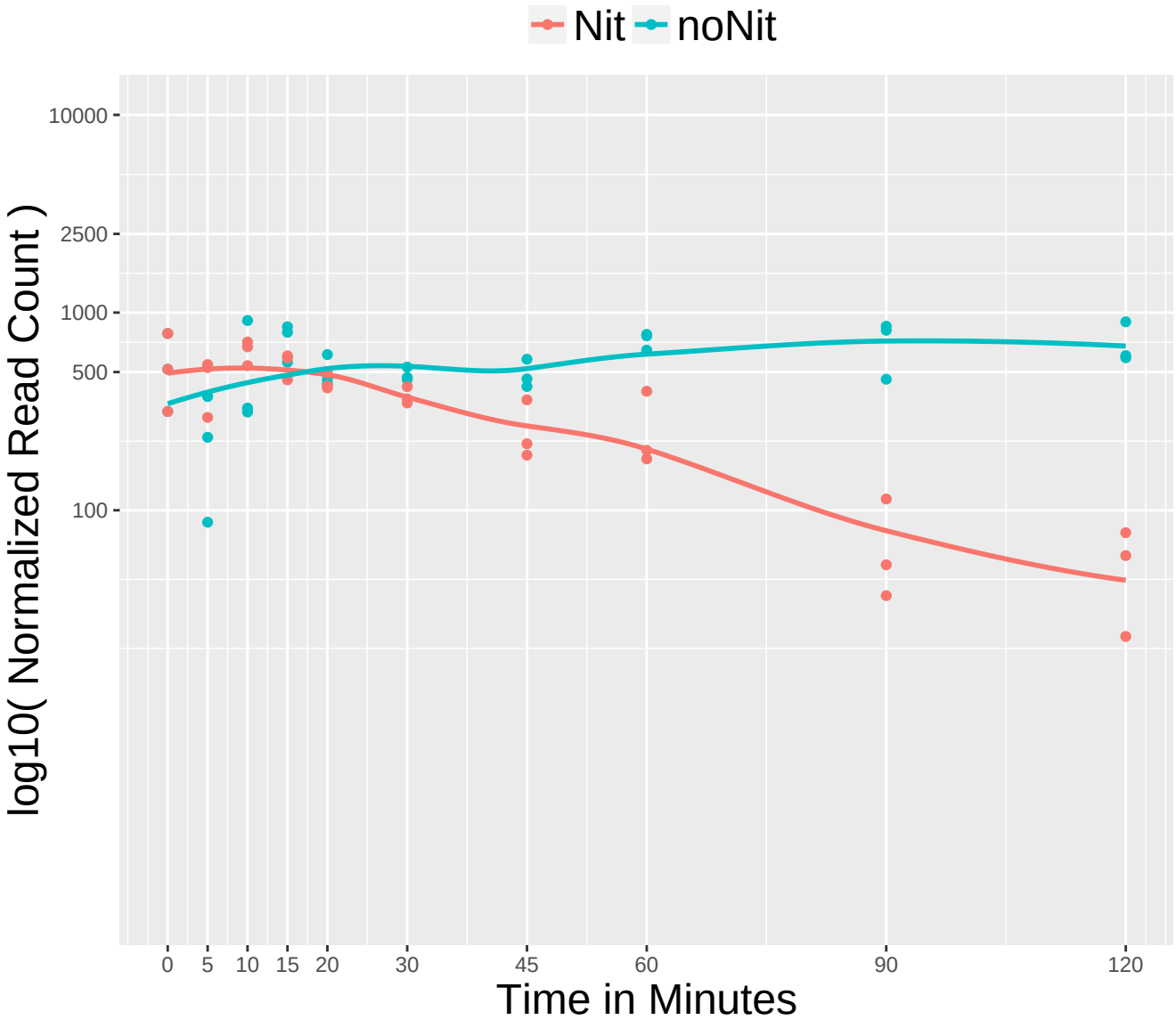
AT5G16290

VAT1,VALINE−TOLERANT



AT5G36130

Cytochrome



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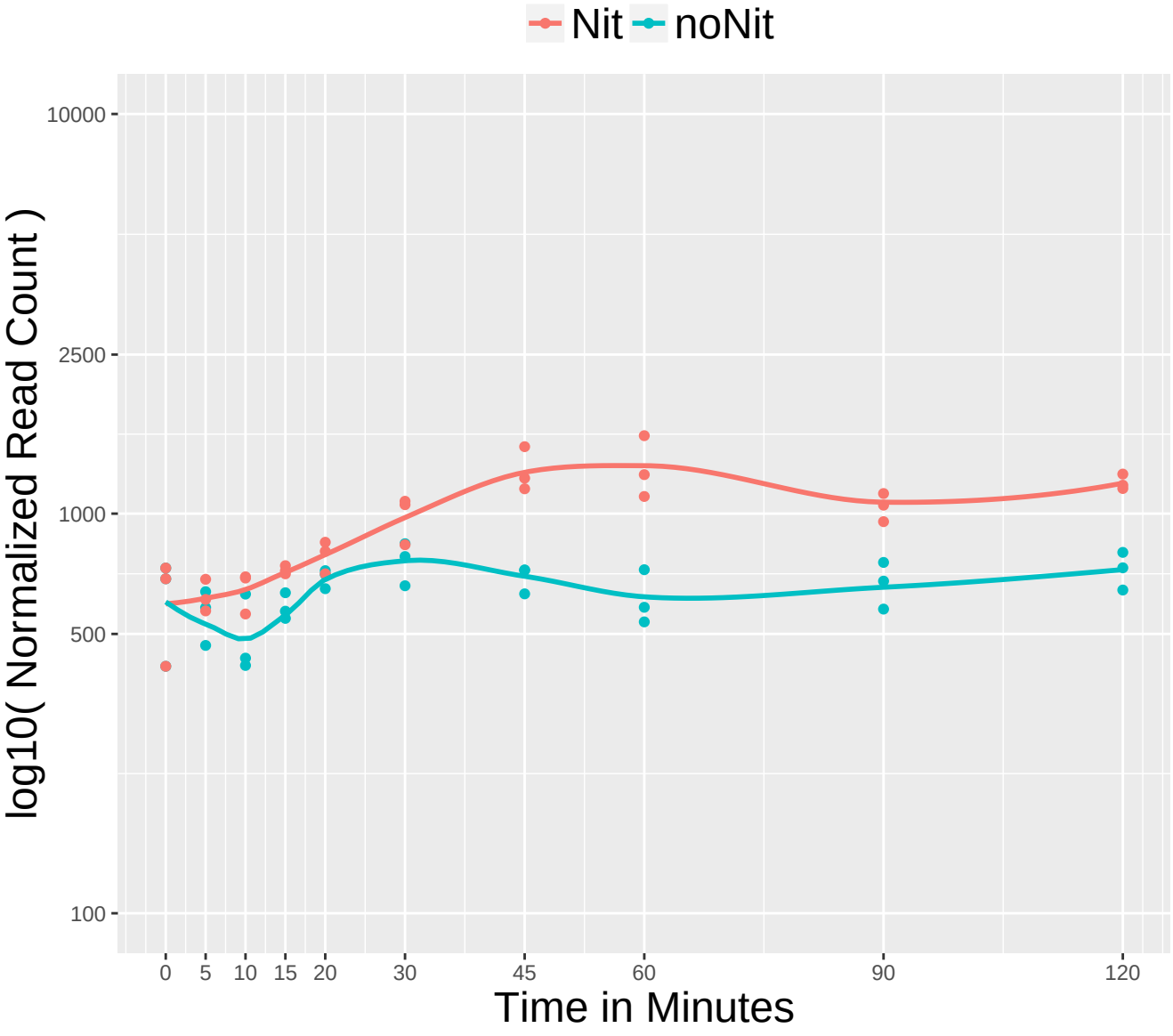
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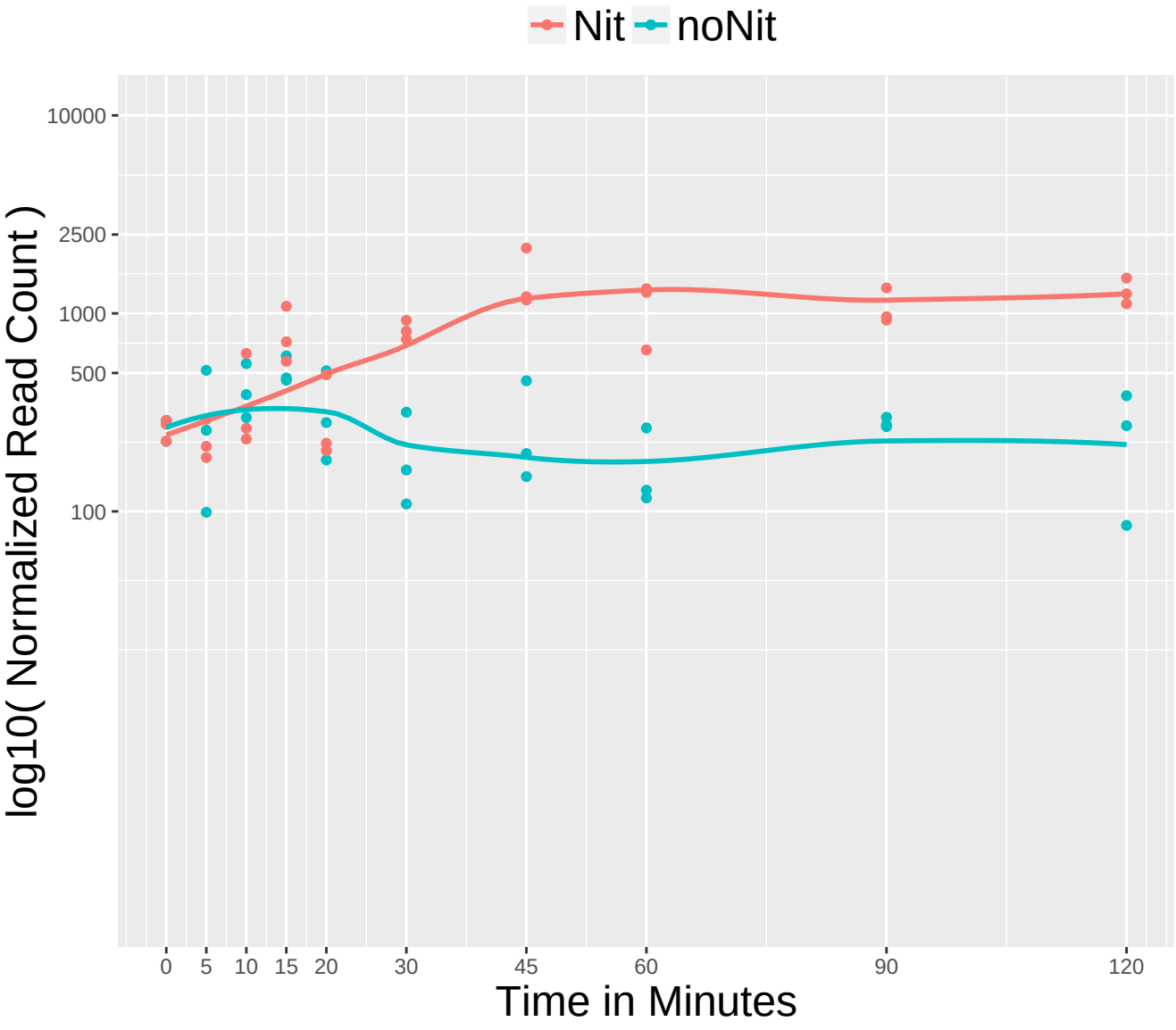
Time in Minutes

AT1G02450

NIMIN−1,,NIMIN1,NIM1−interacting



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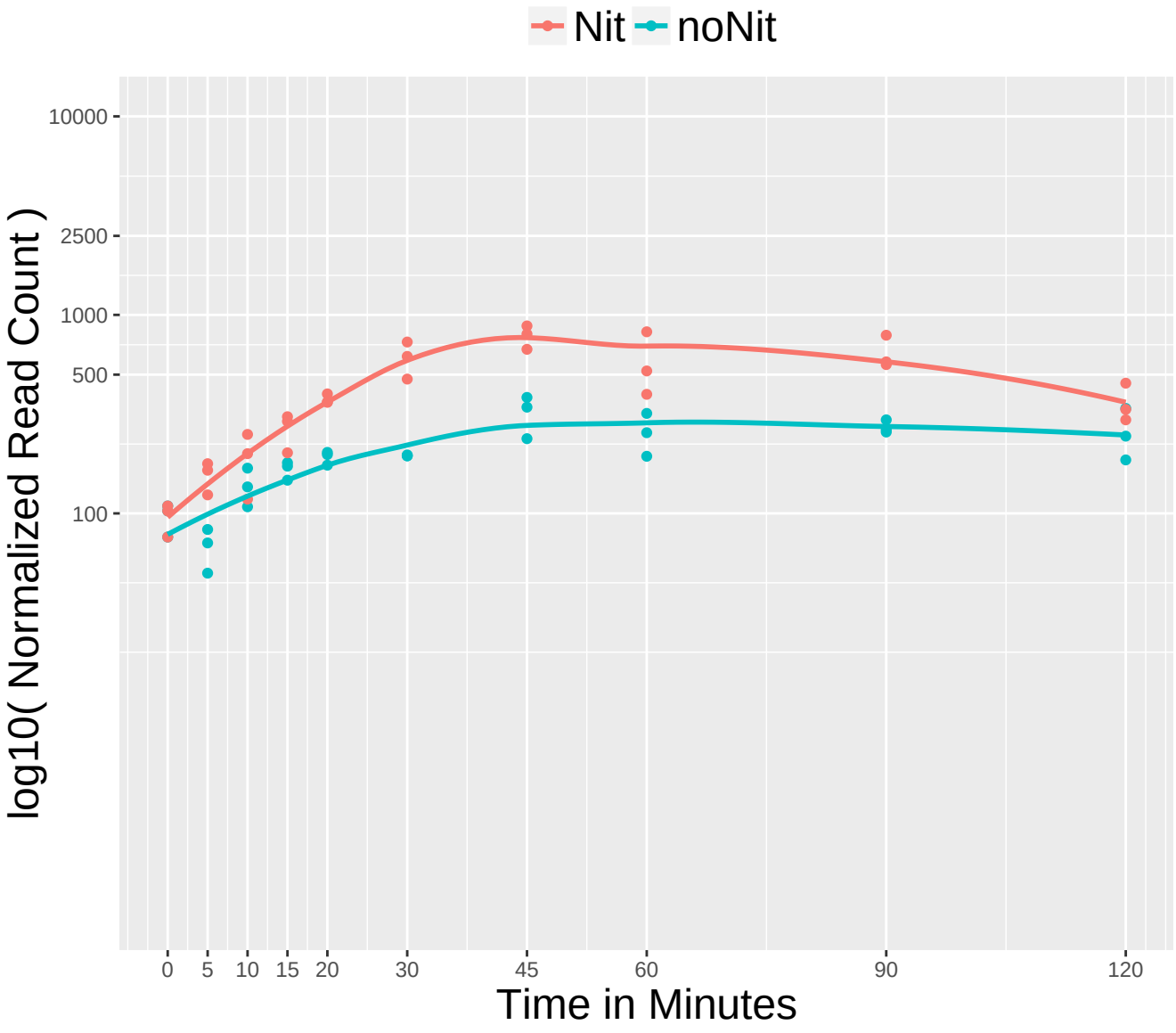
ATST4C,ARABIDOPSIS



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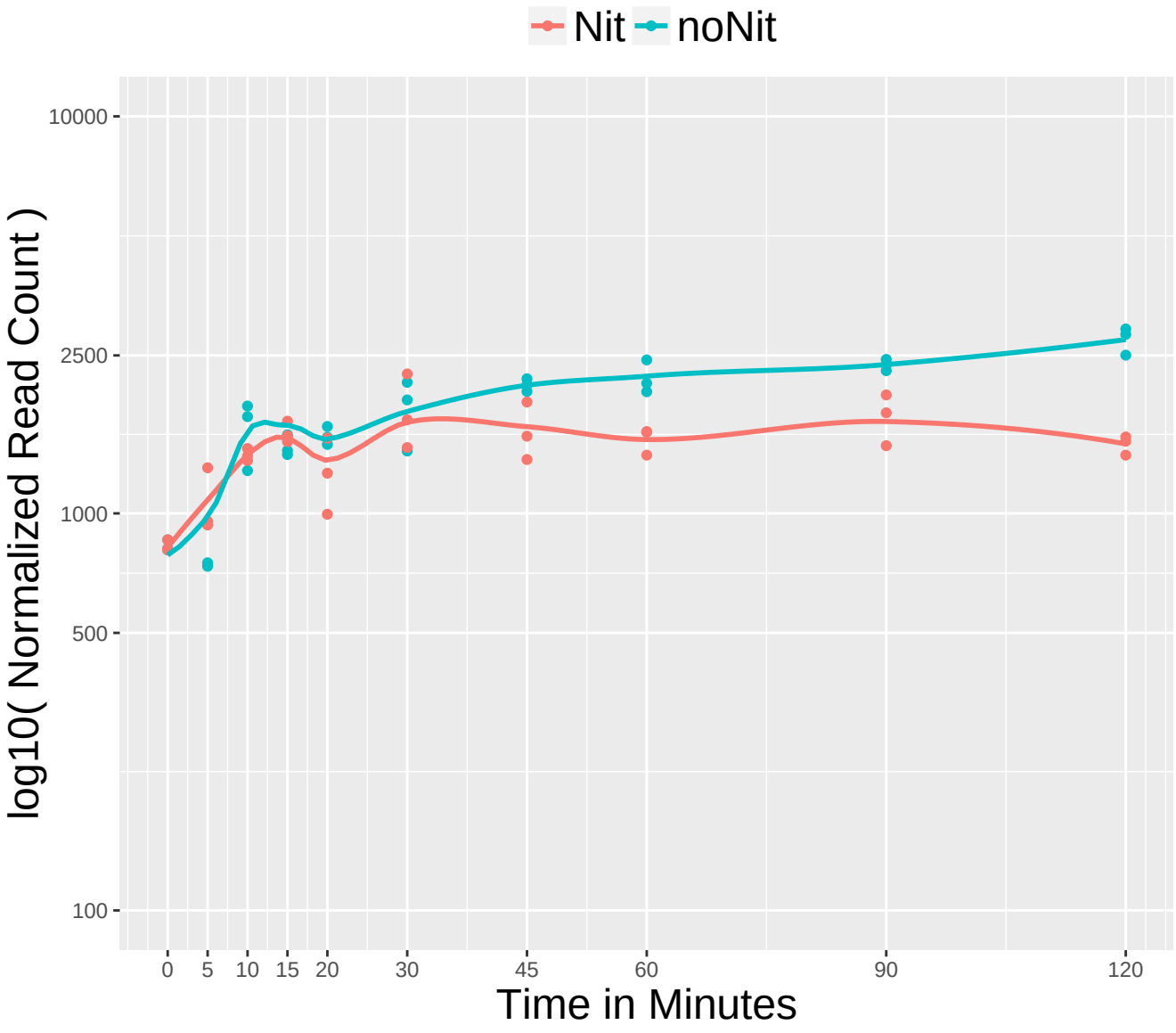
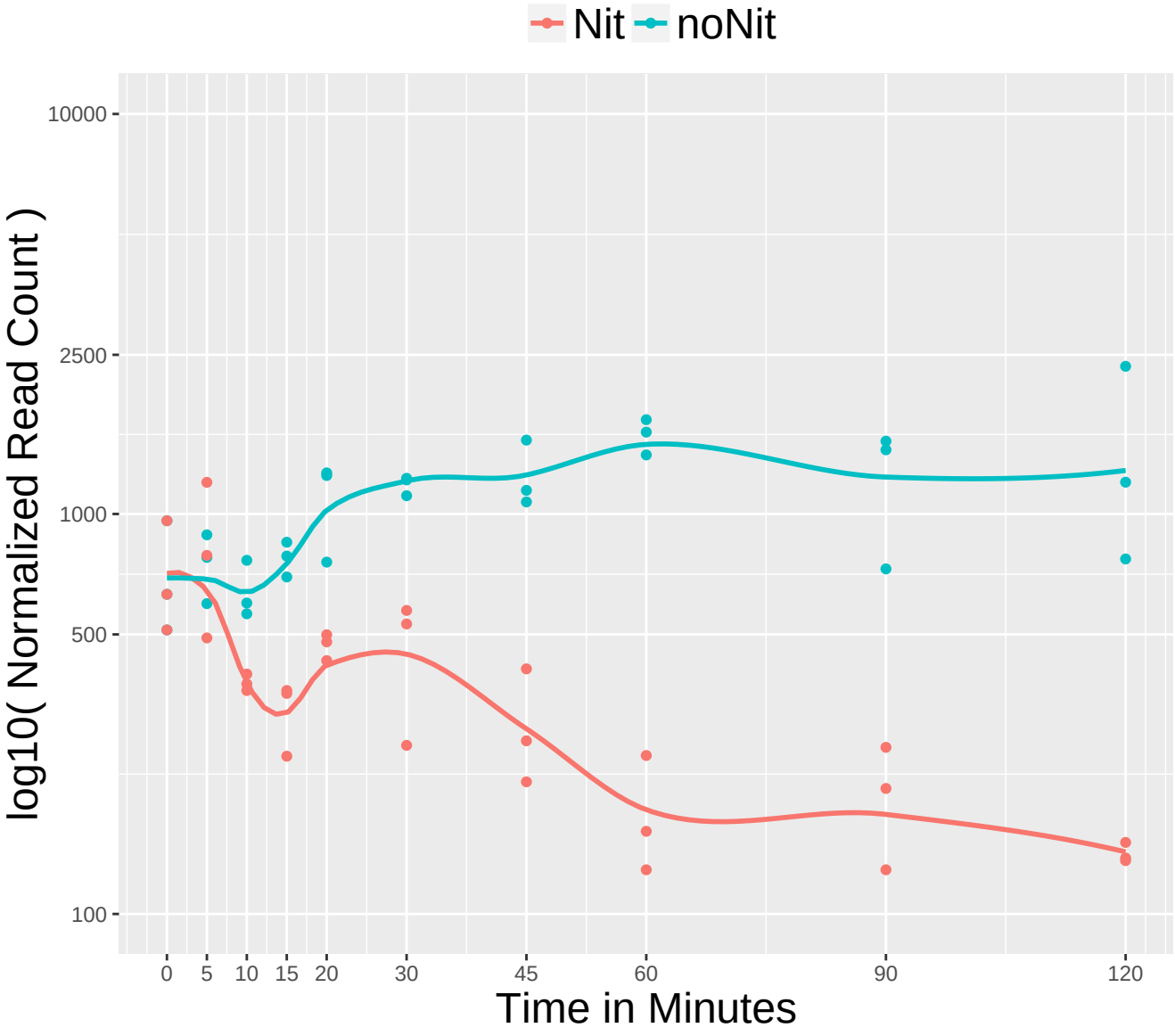
ATMPK8,,MPK8



AT1G66090

Disease



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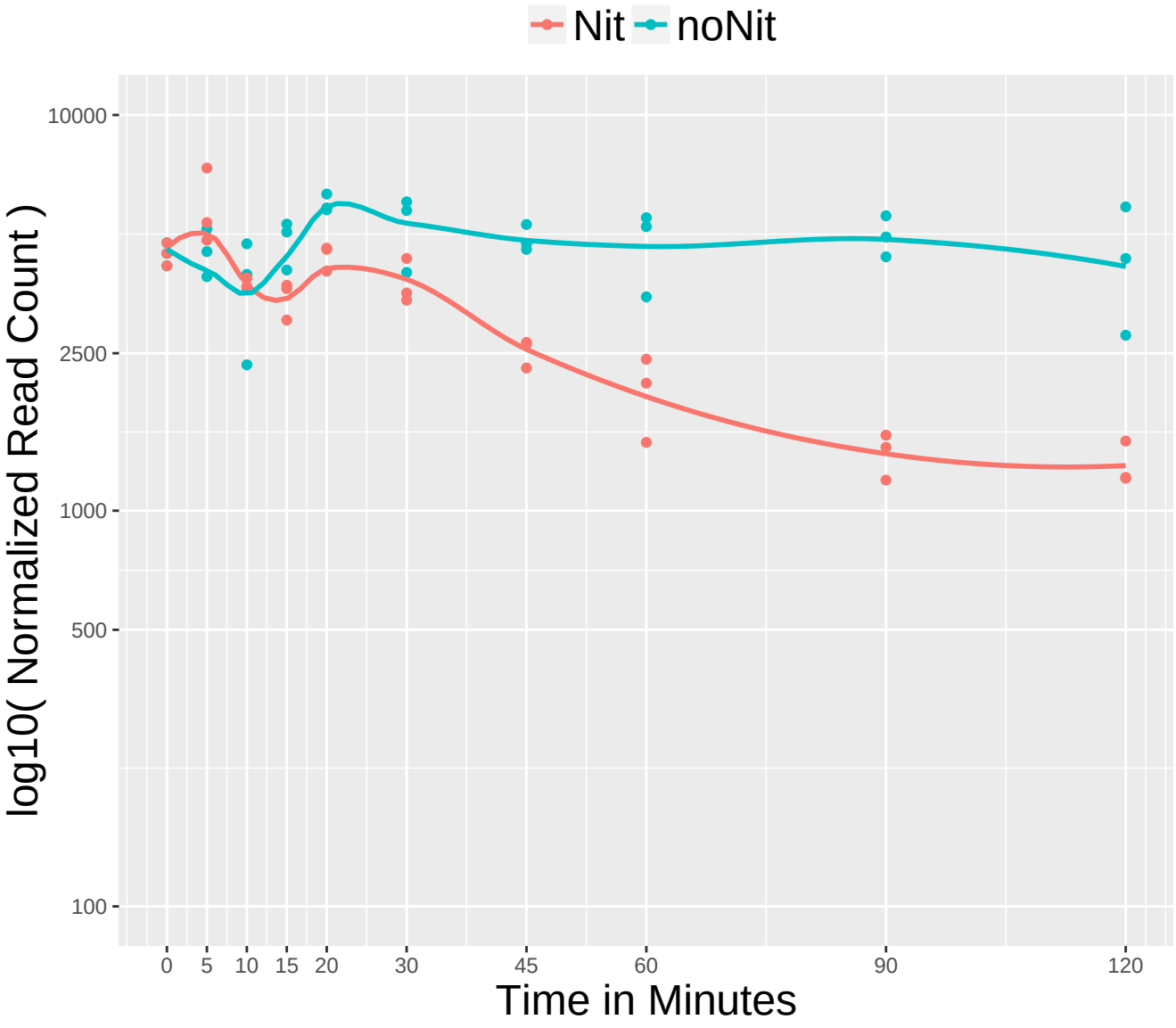
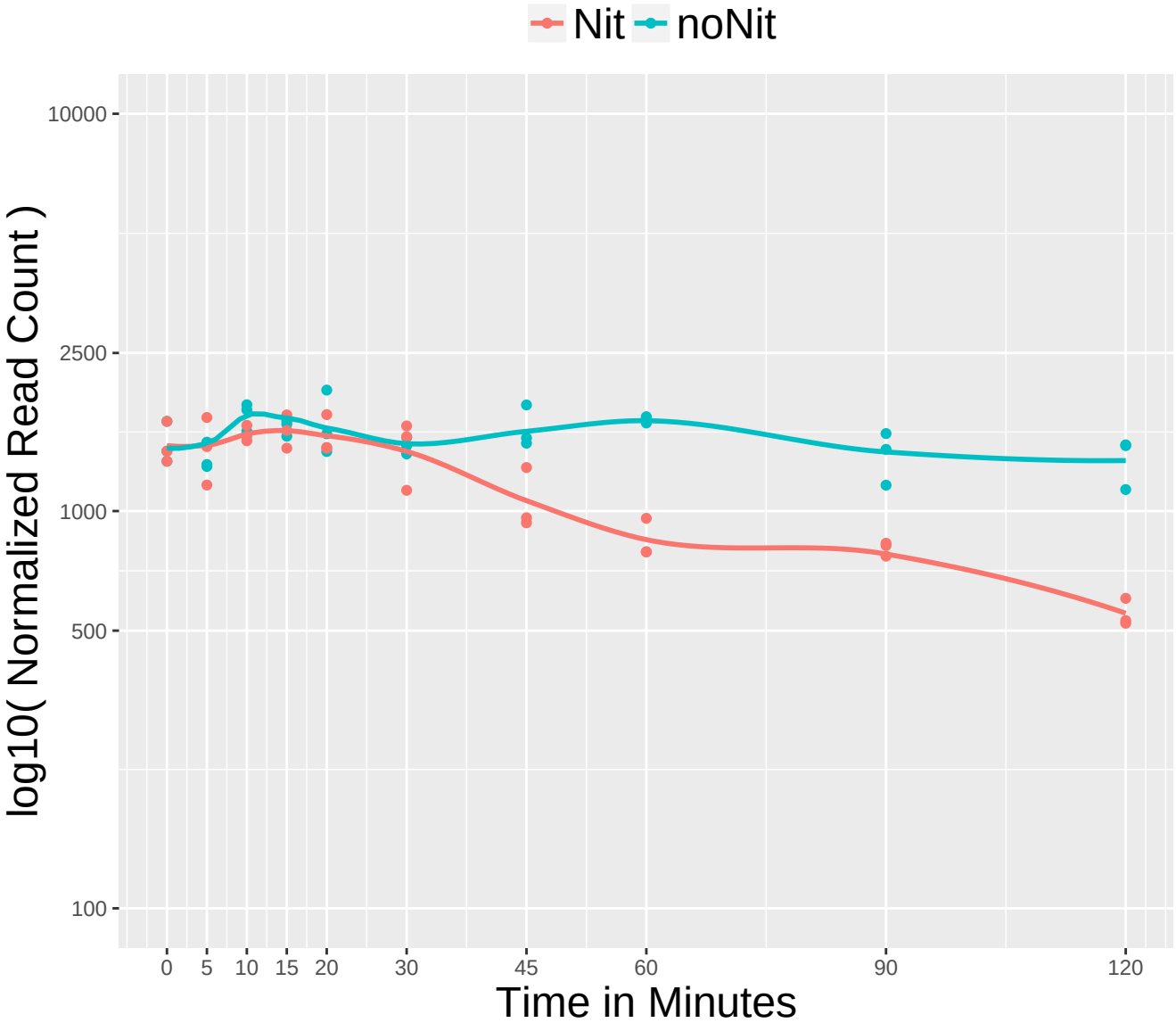
MSS3,multicopy



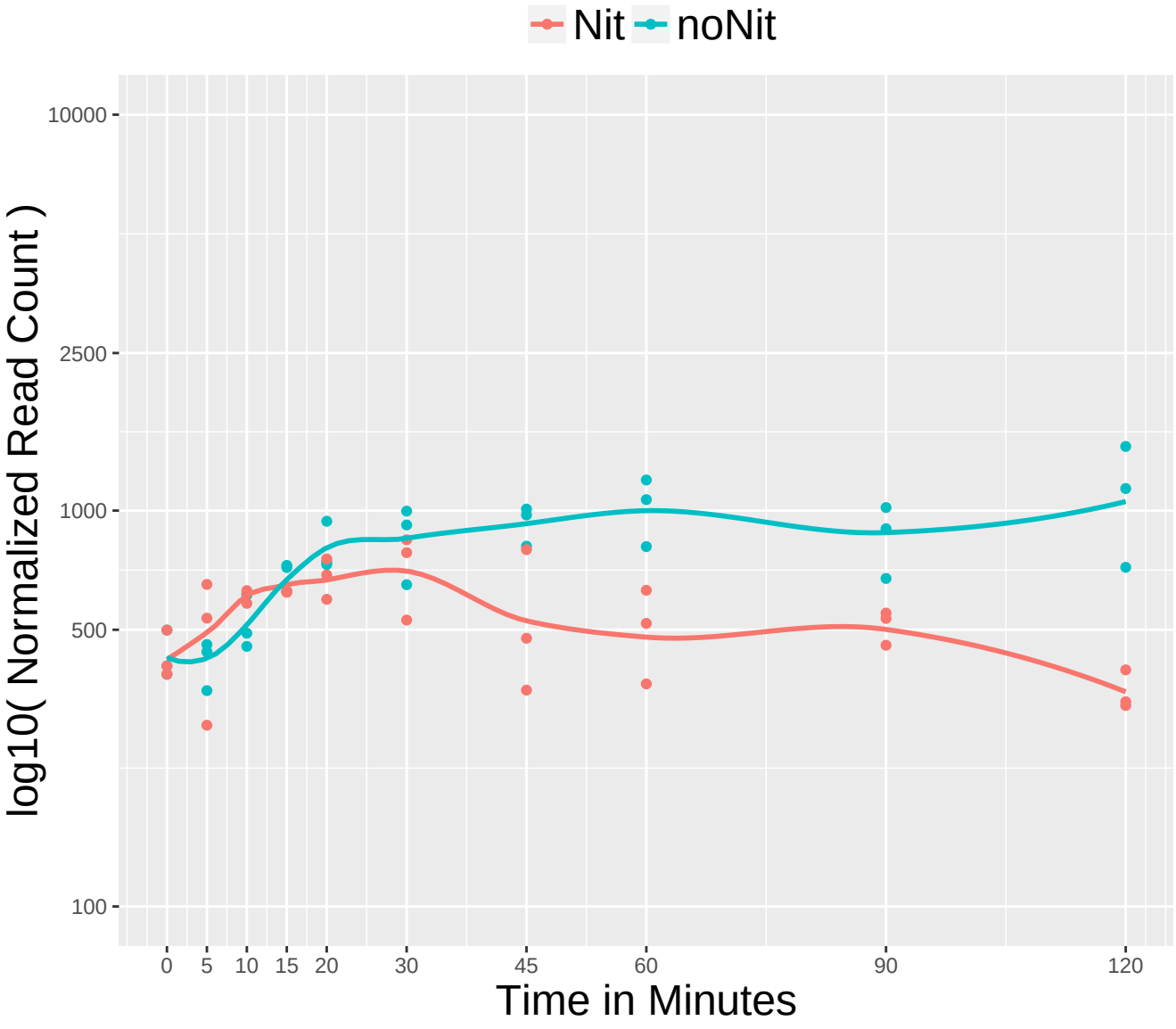
AT3G10420

SPD1,SEEDLING



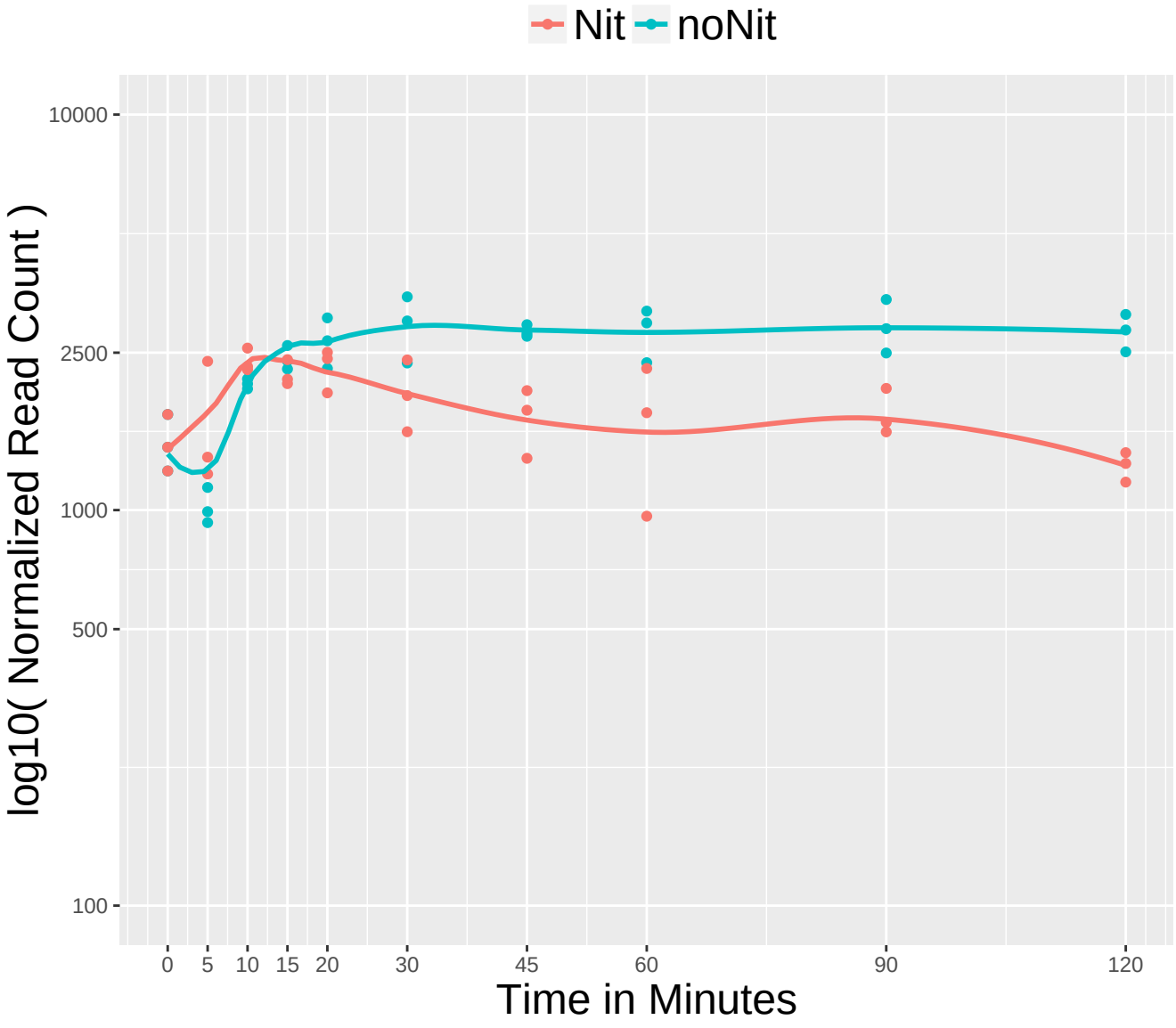
AT3G11080

AtRLP35,receptor



AT3G14350

SRF7,STRUBBELIG−receptor



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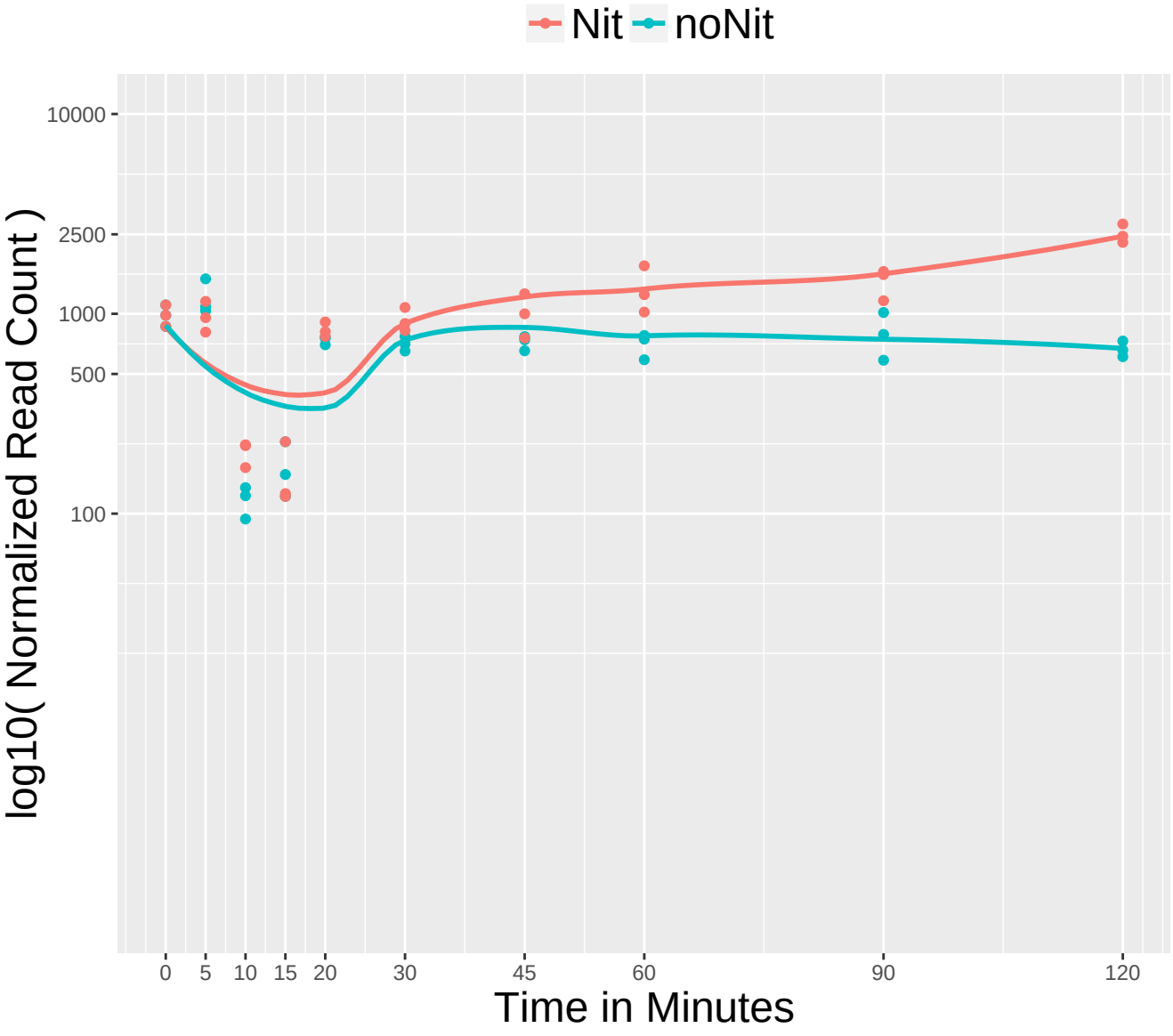
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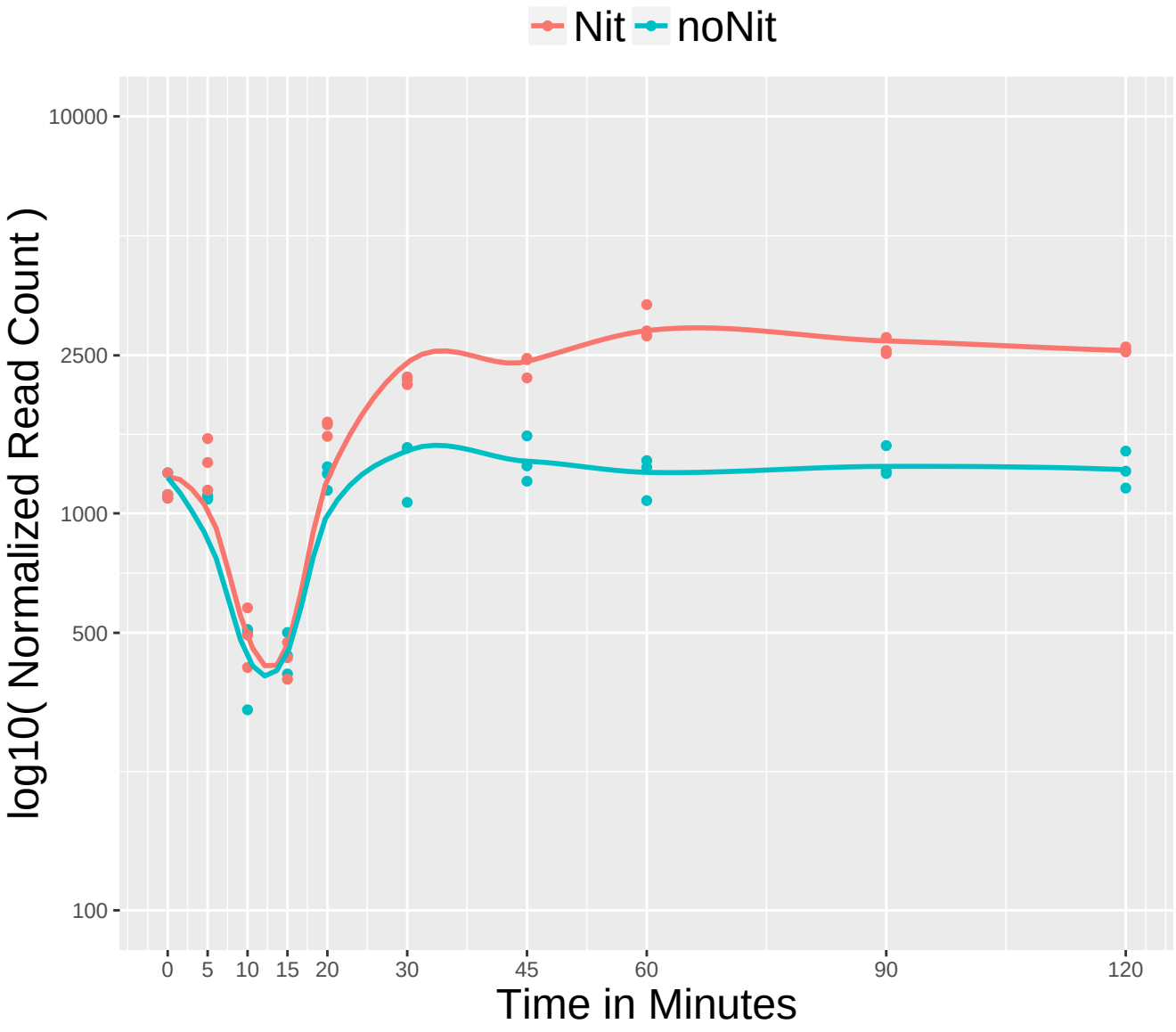
Time in Minutes

AT3G54900

ATGRXCP,GLUTAREDOXIN,CXIP1,CAX



AT4G27250

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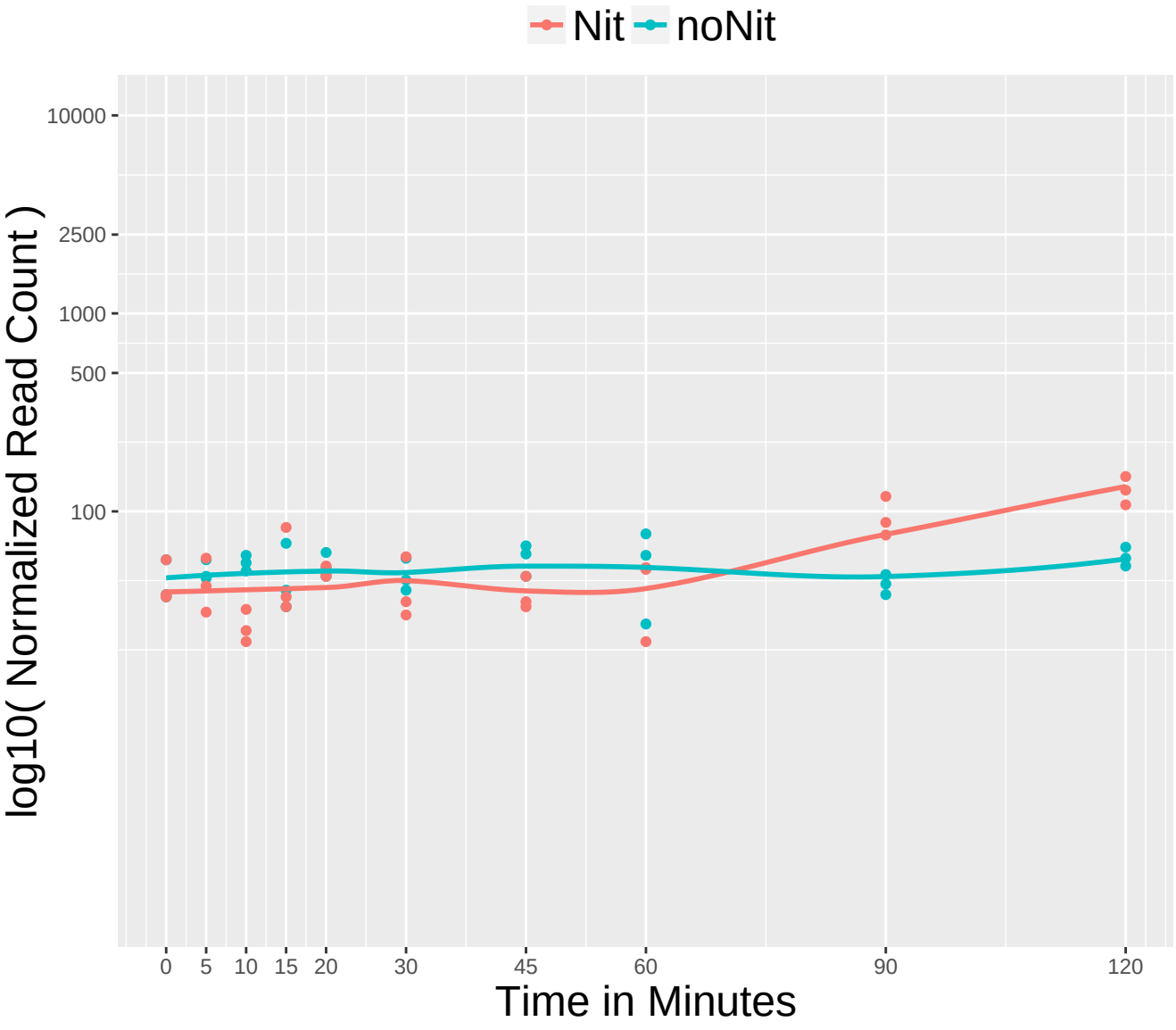

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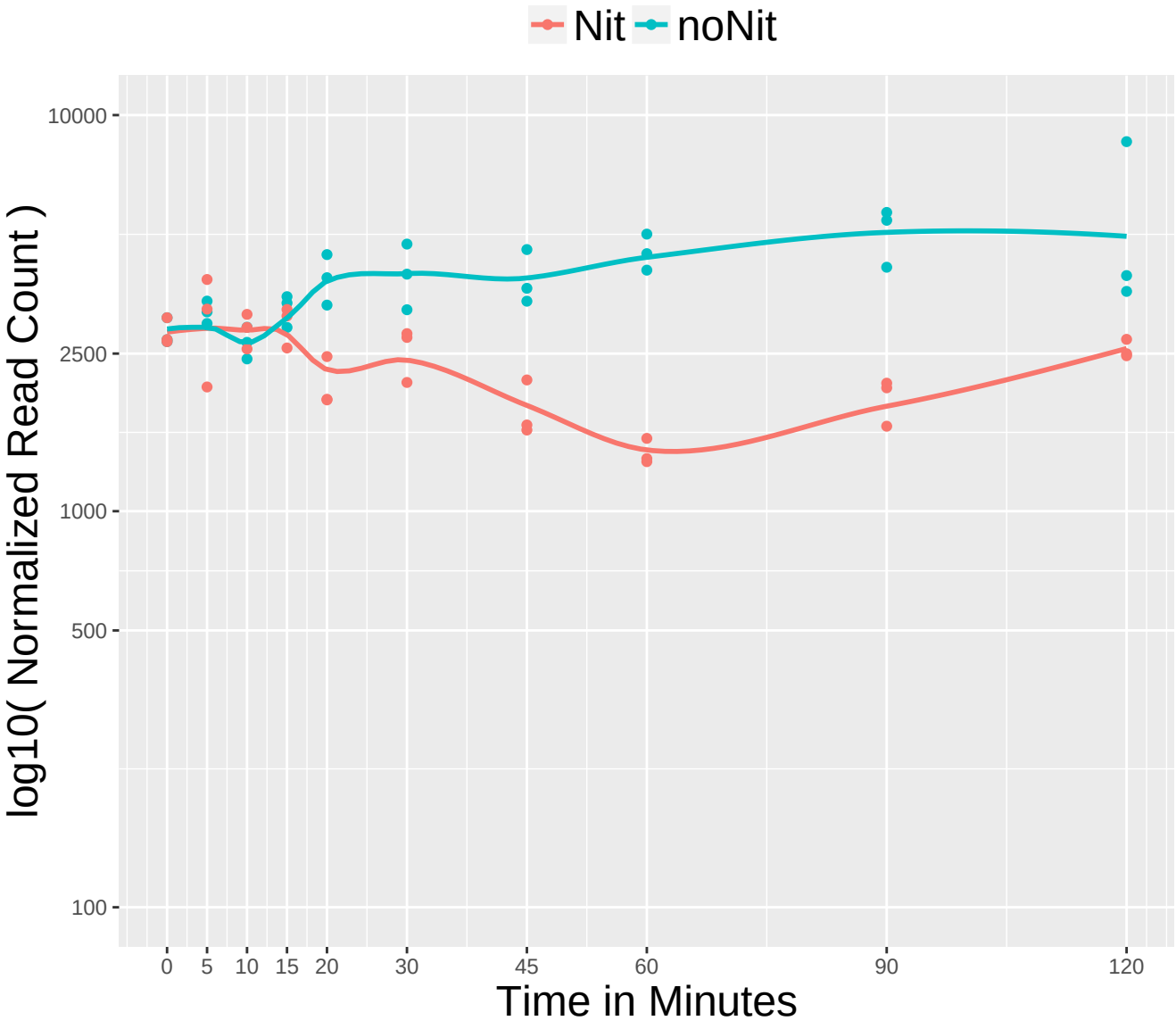
AtIQM1,,EDA39,embryo



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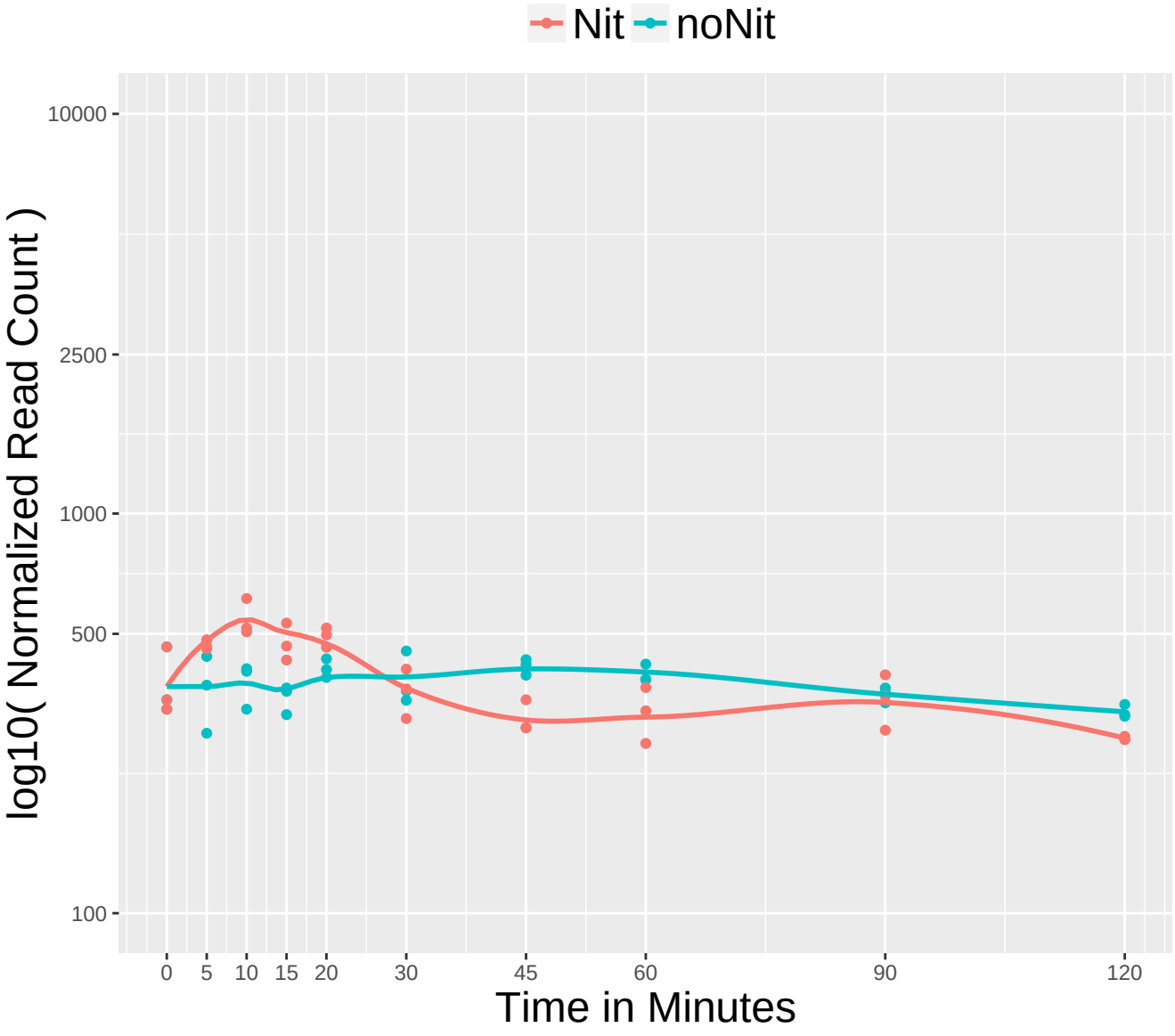
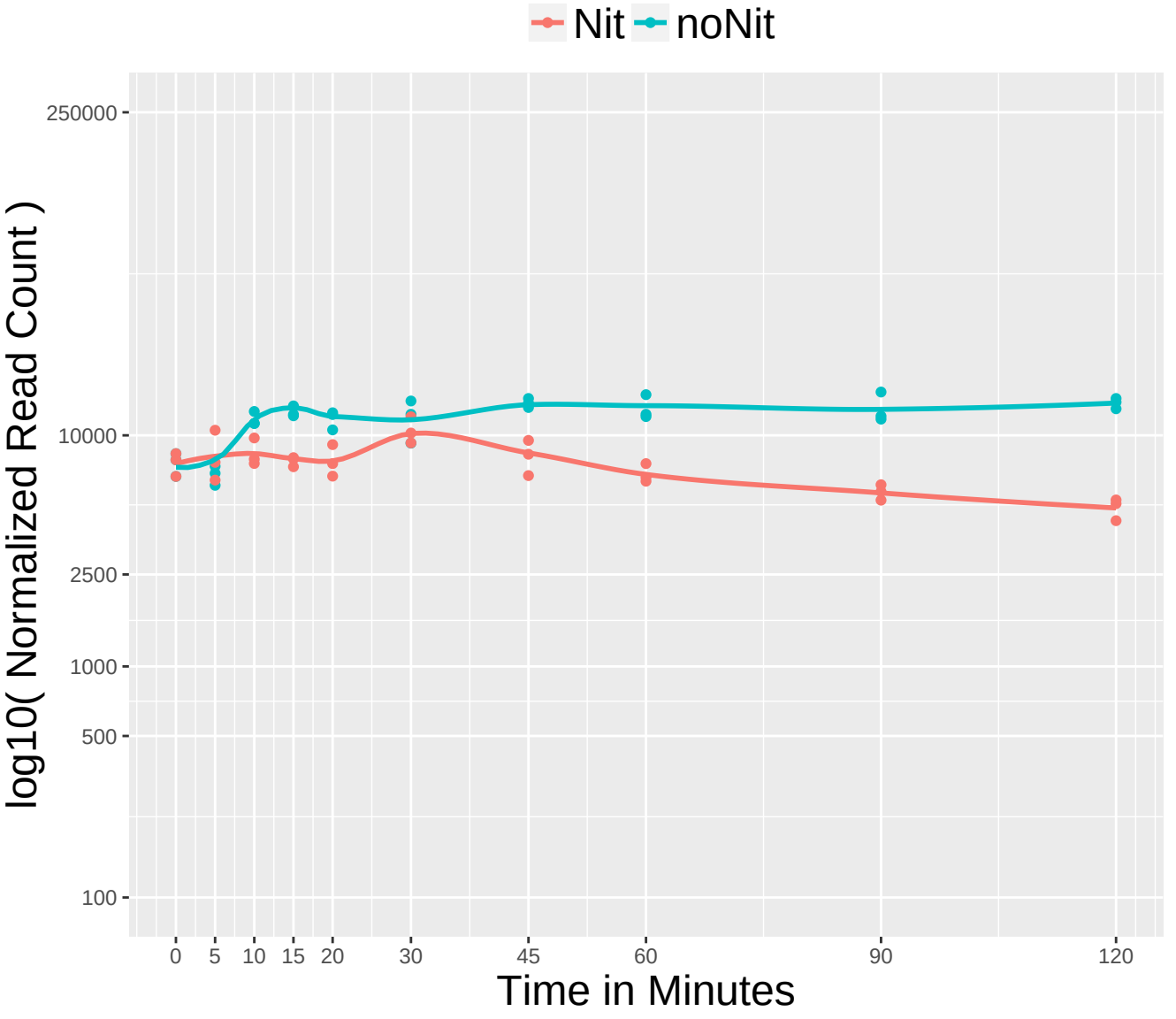
F−box



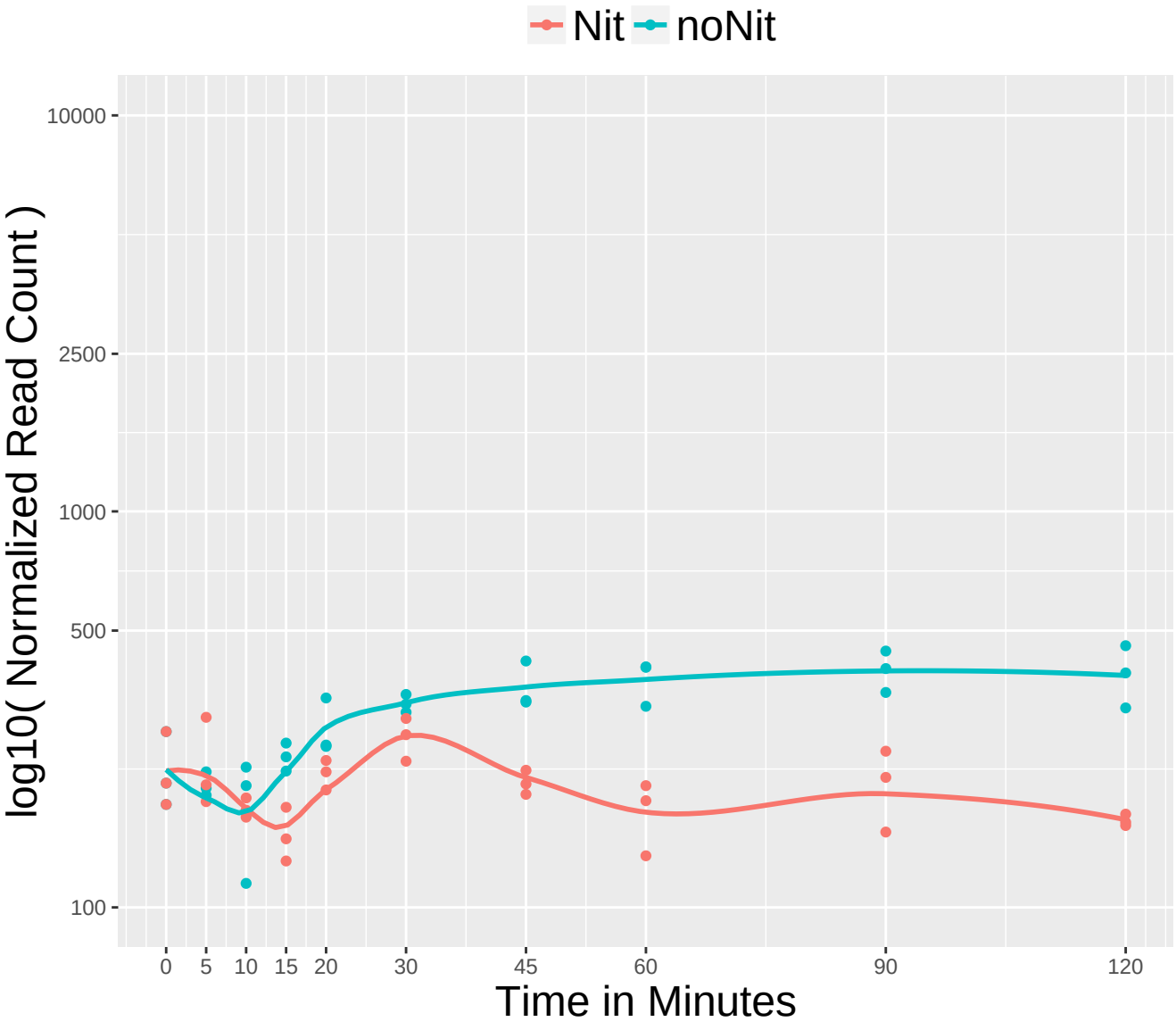
AT5G10770

Eukaryotic



AT5G14480

beta−1,4−N−acetylglucosaminyltransferase



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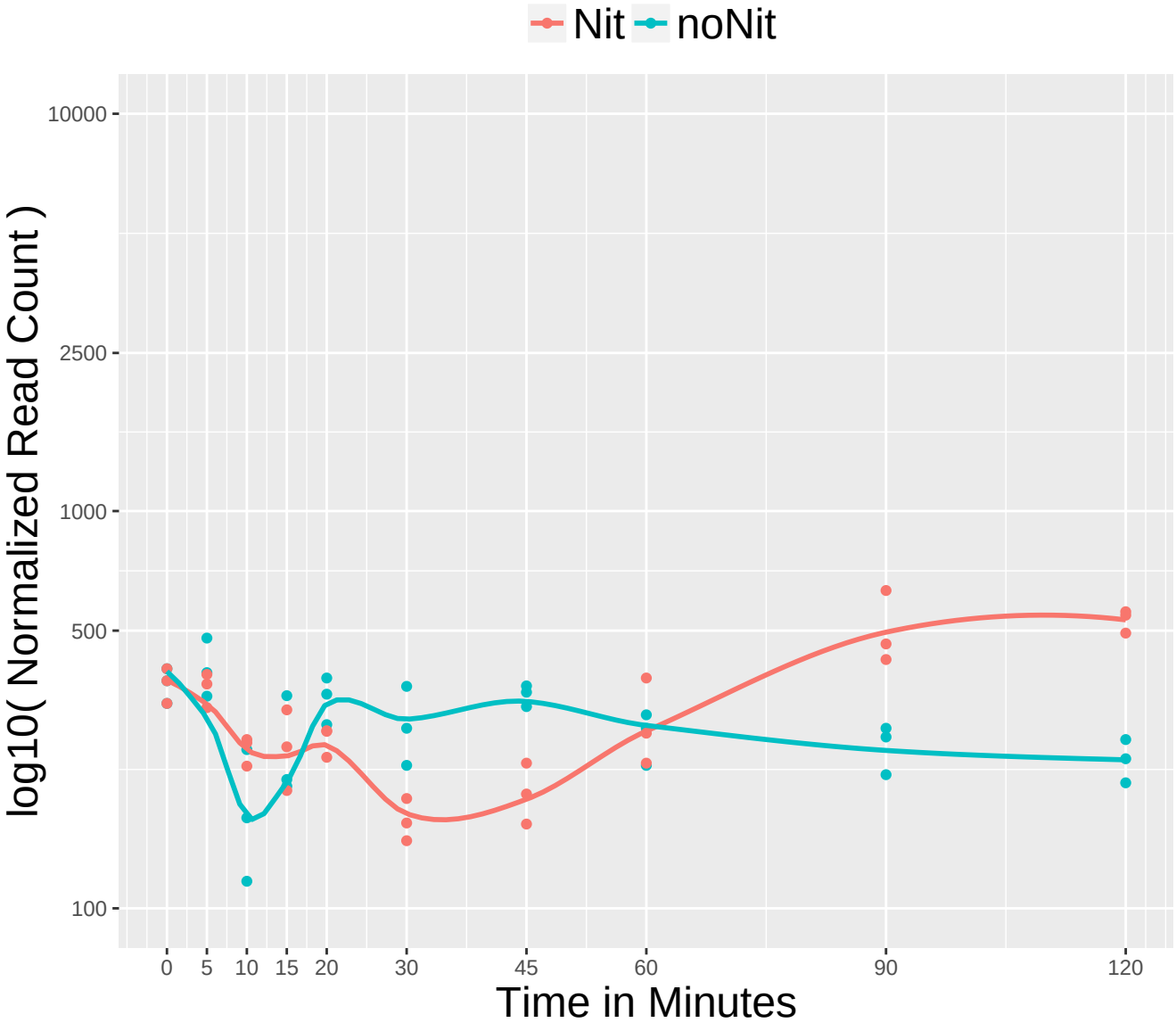
ATWRKY74,ARABIDOPSIS



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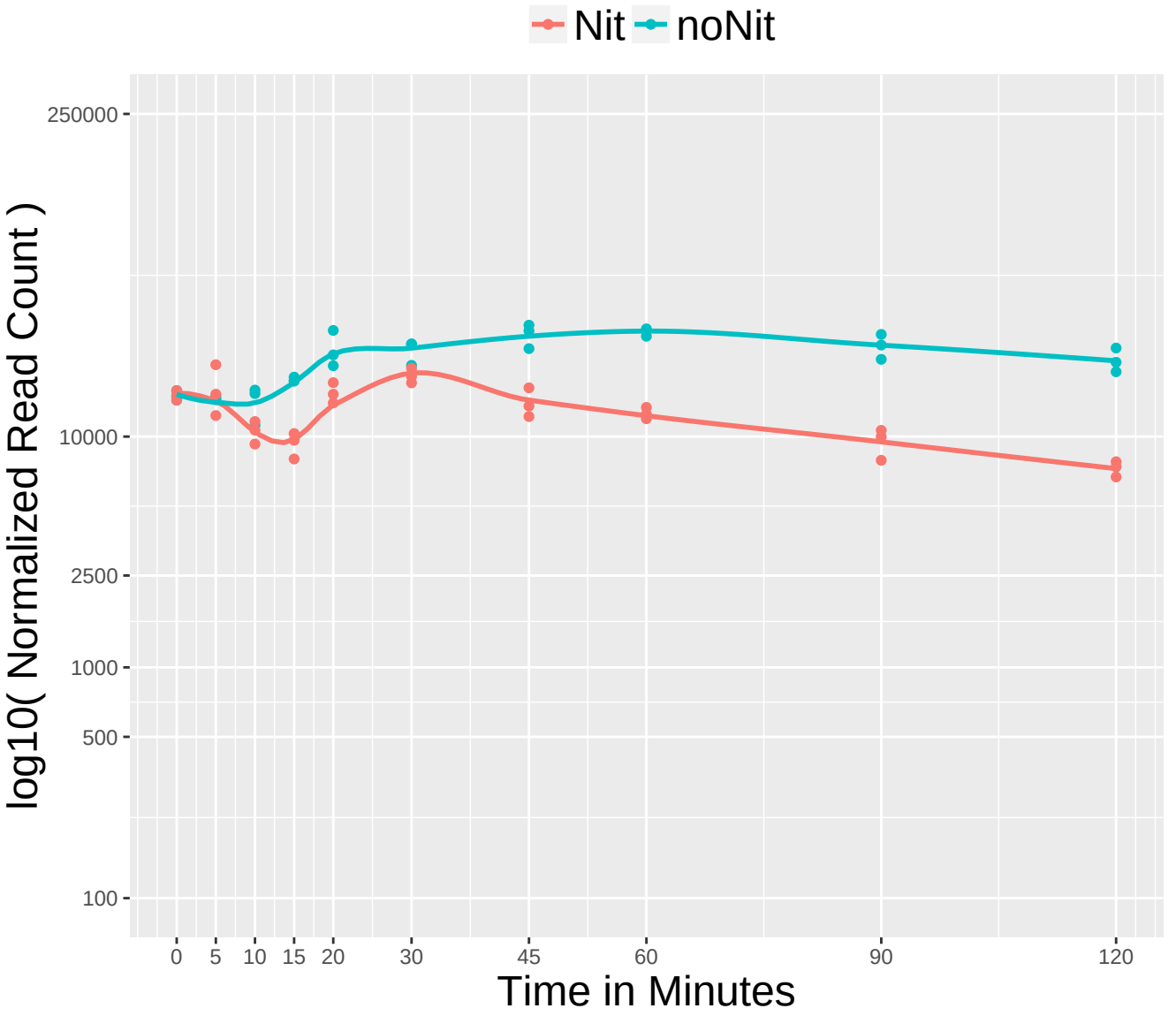
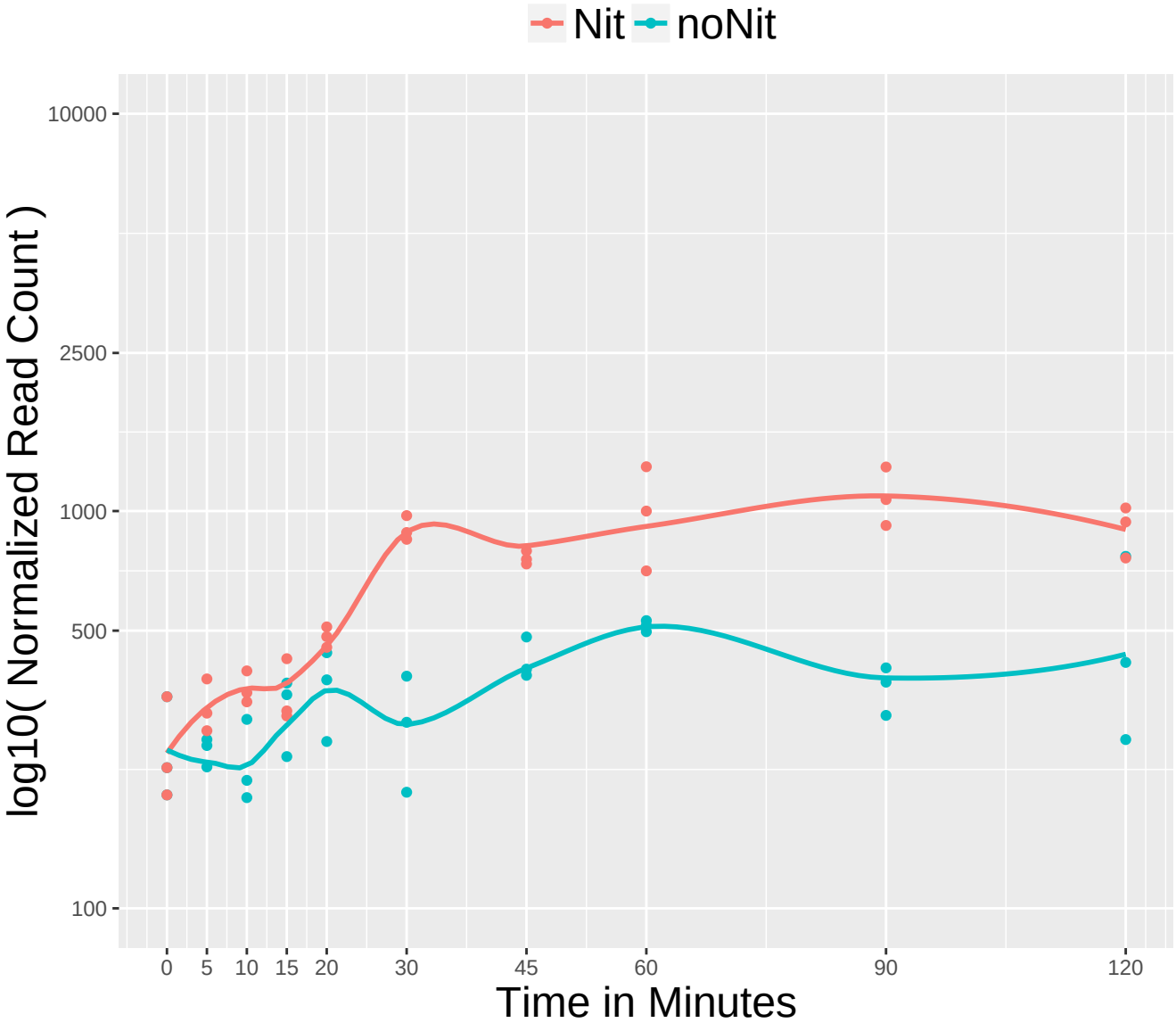
HCT,hydroxycinnamoyl−CoA



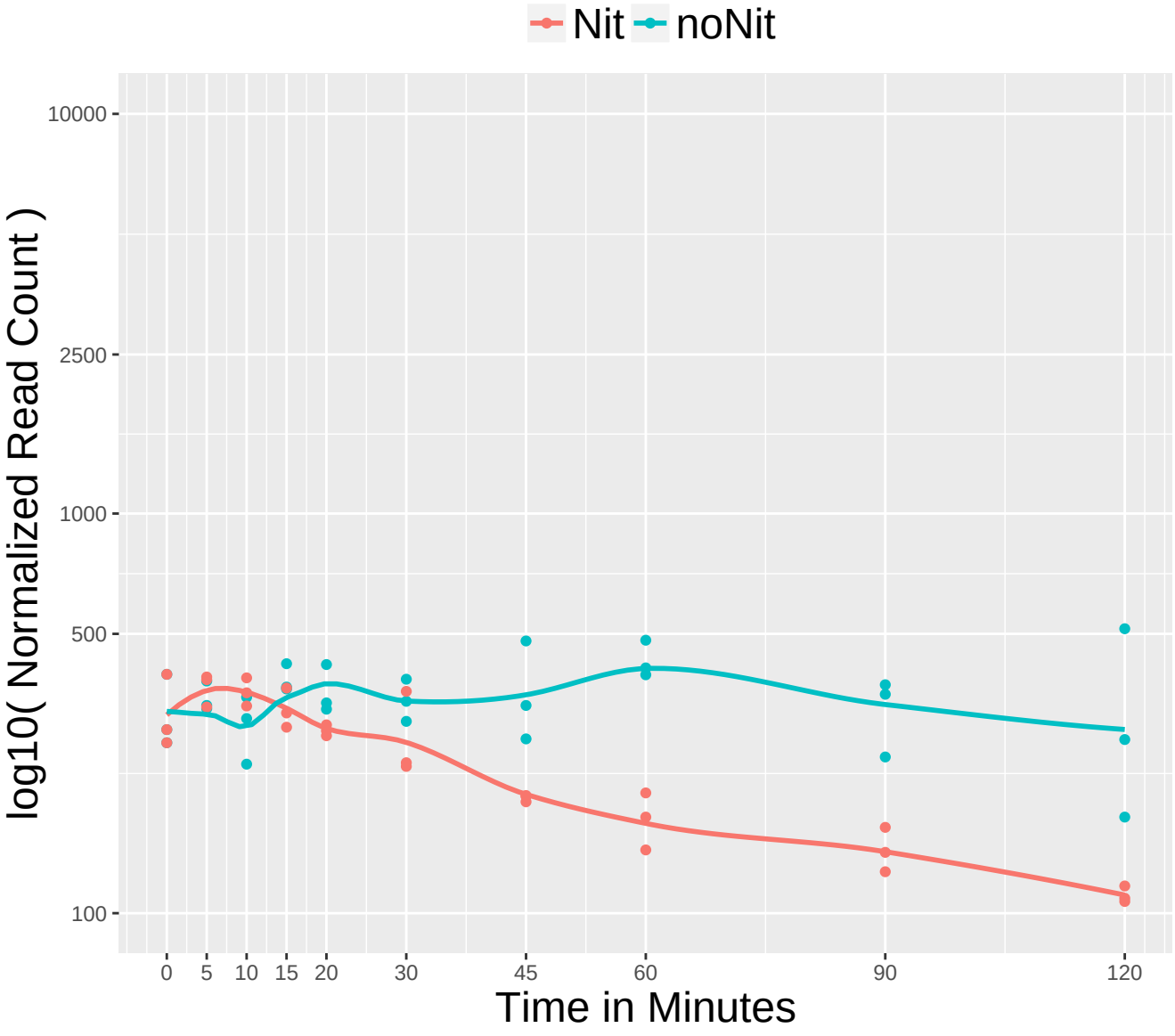
AT5G50760

SAUR55,SMALL



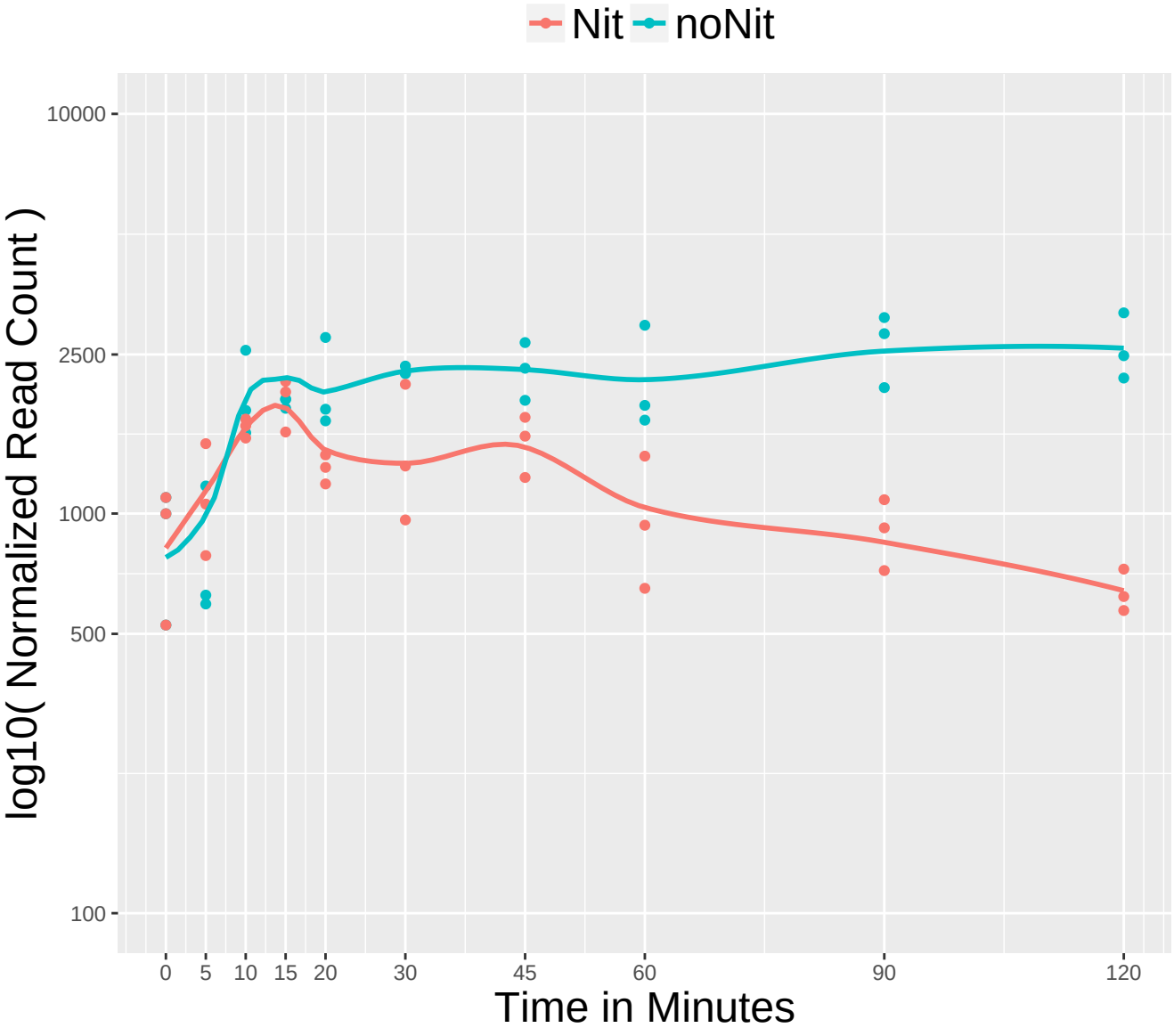
AT5G58120

Disease



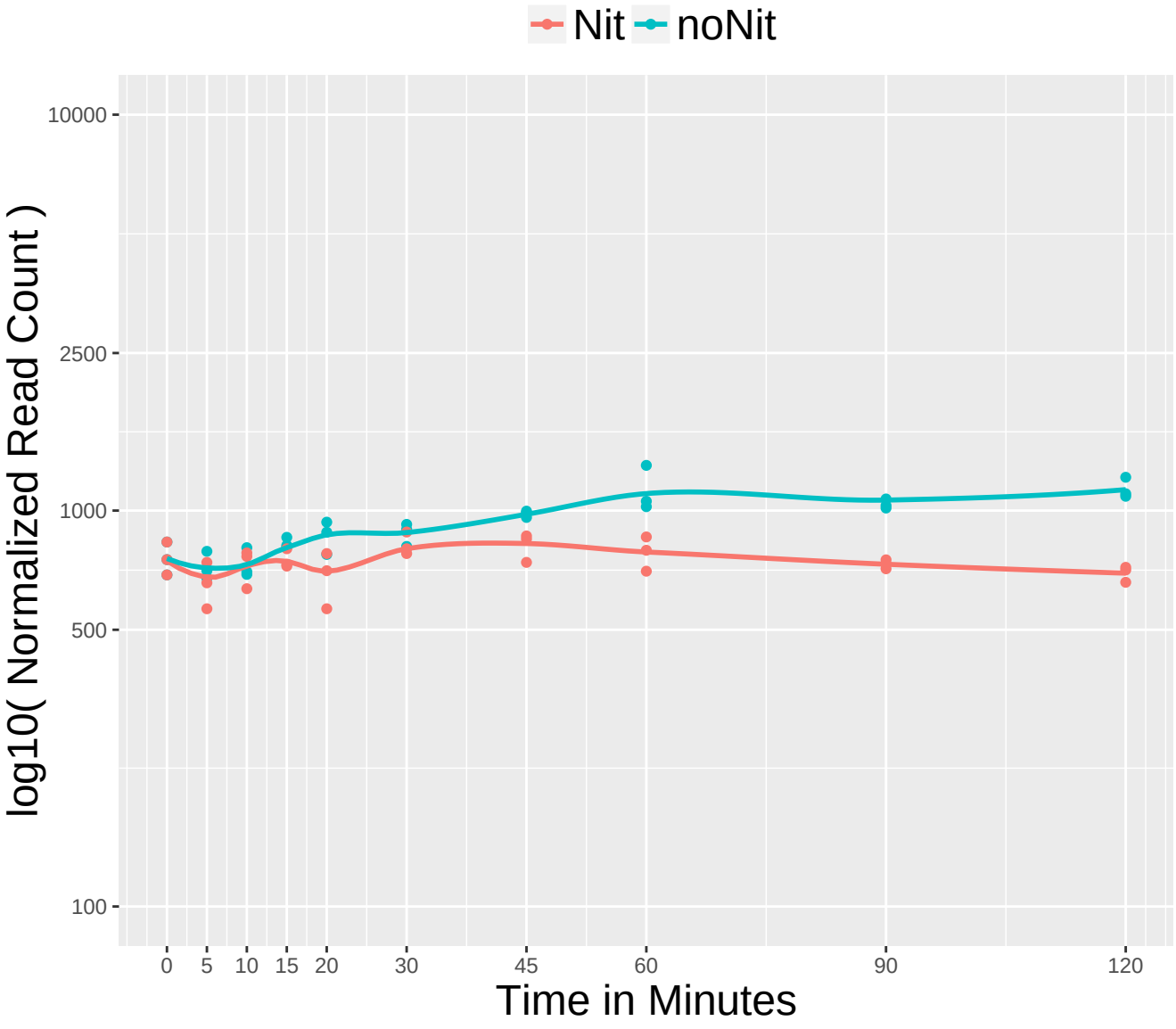
AT5G60520

Late



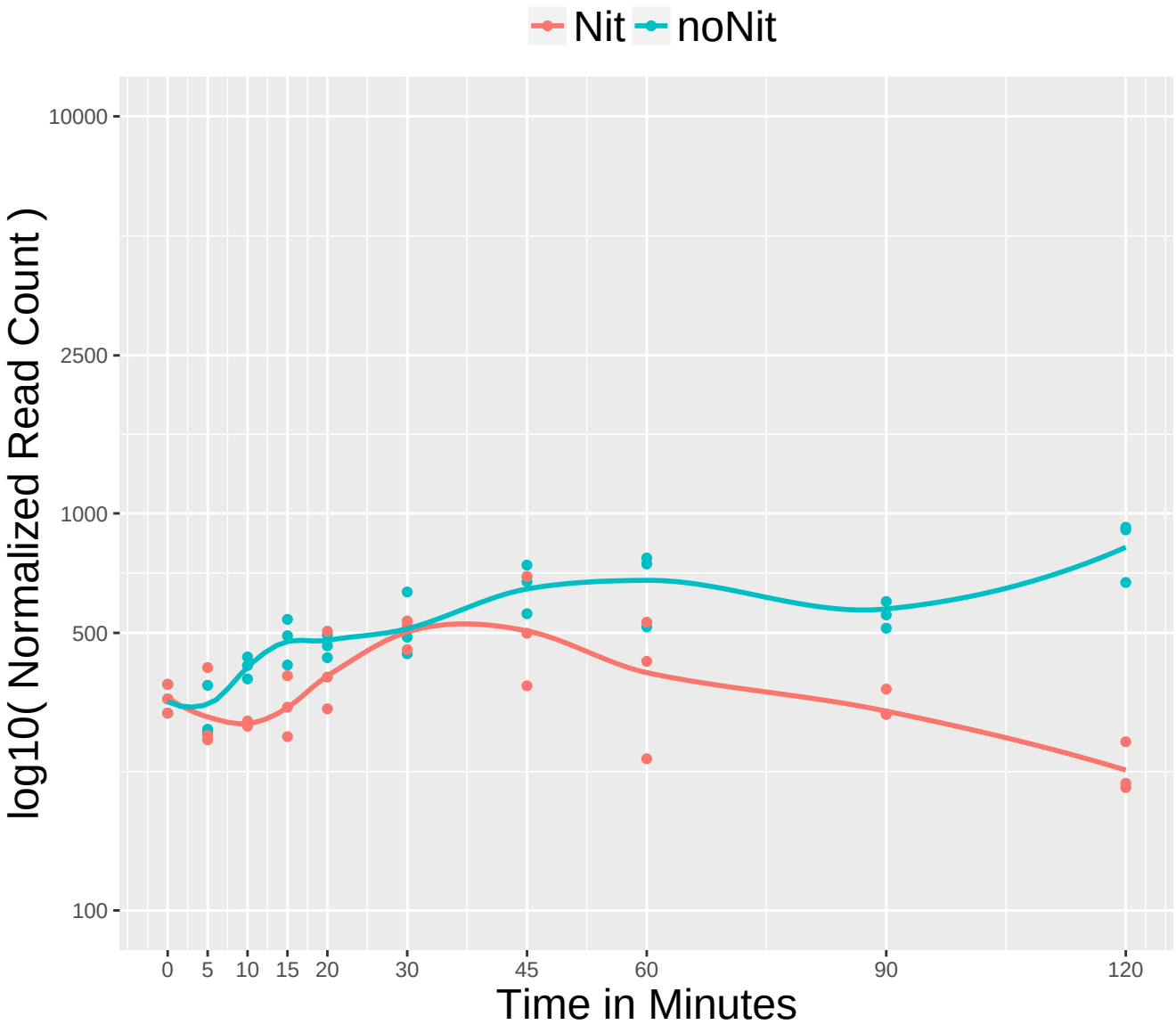
AT1G01220

AtFKGP,Arabidopsis



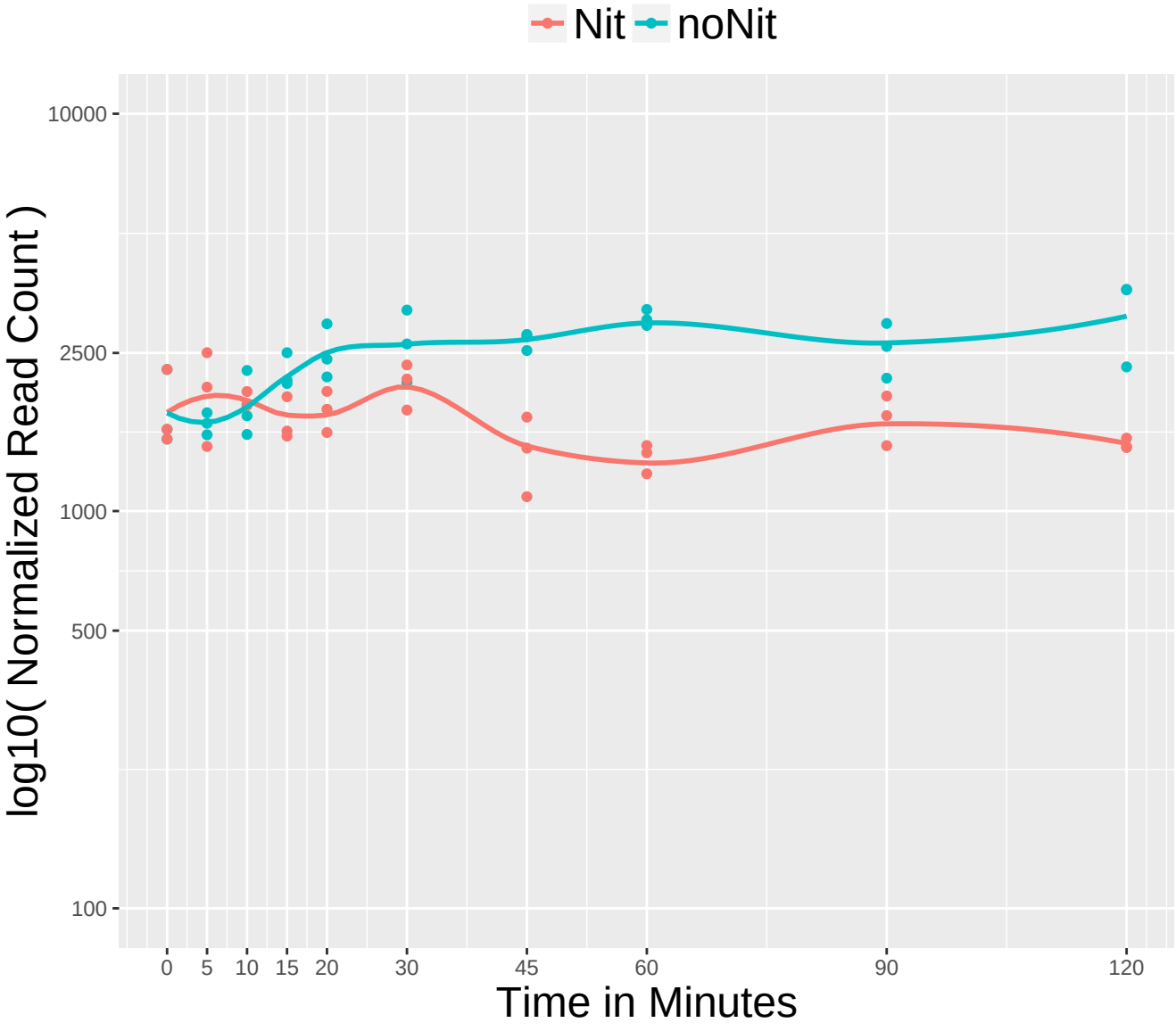
AT1G04160

ATXIB,ARABIDOPSIS



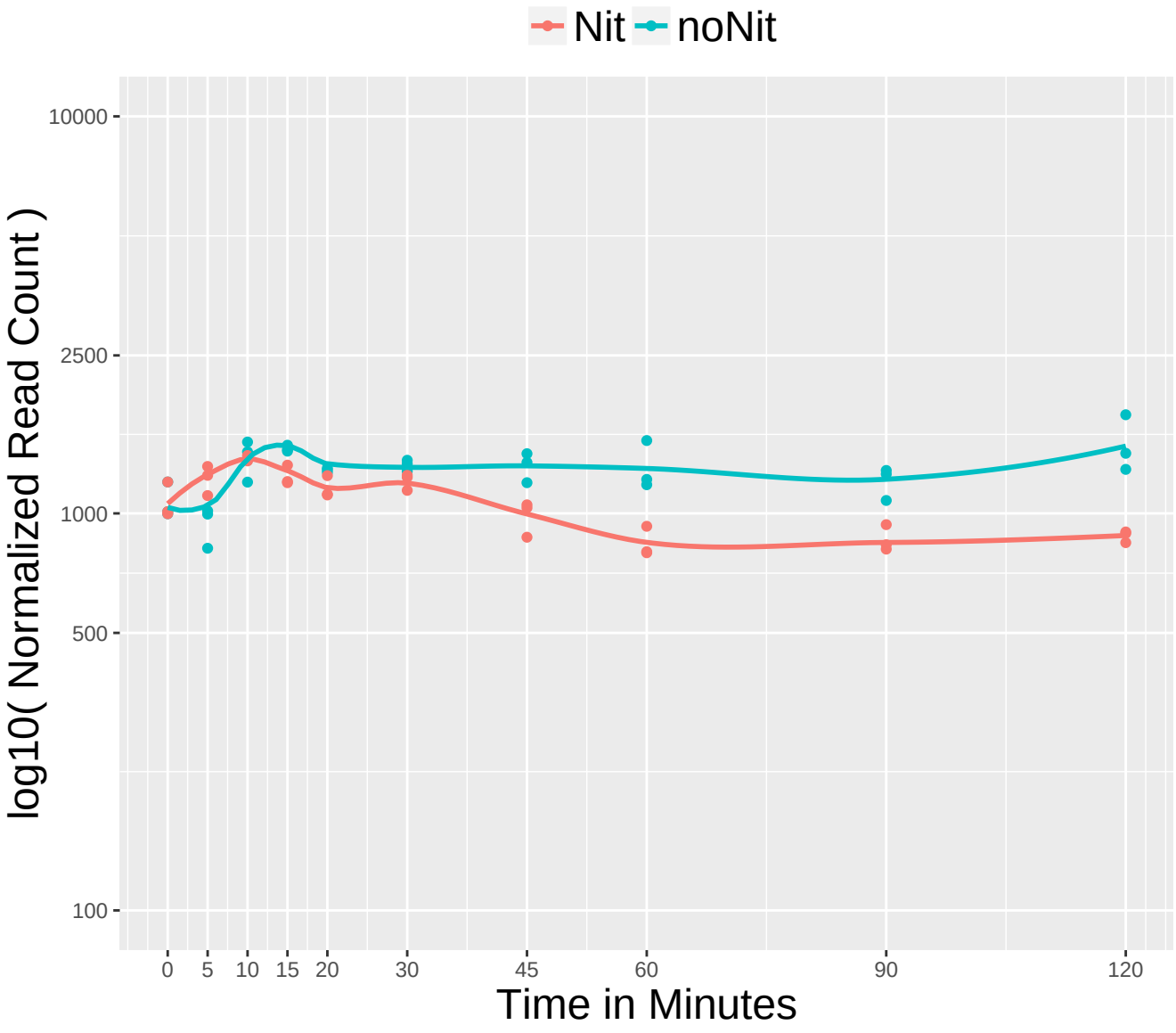
AT1G28380

NSL1,necrotic

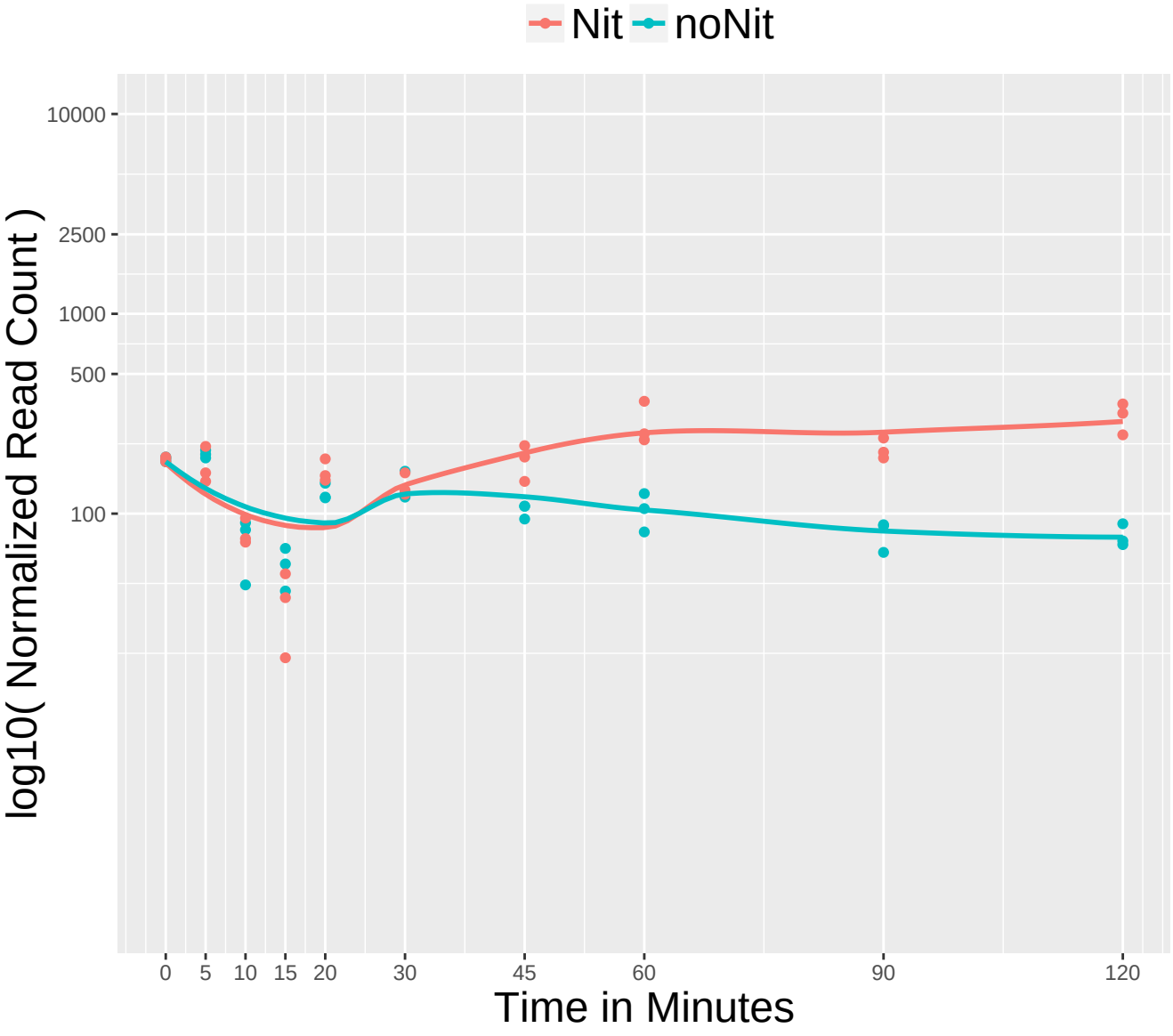


AT1G30620

HSR8,HIGH



AT1G31835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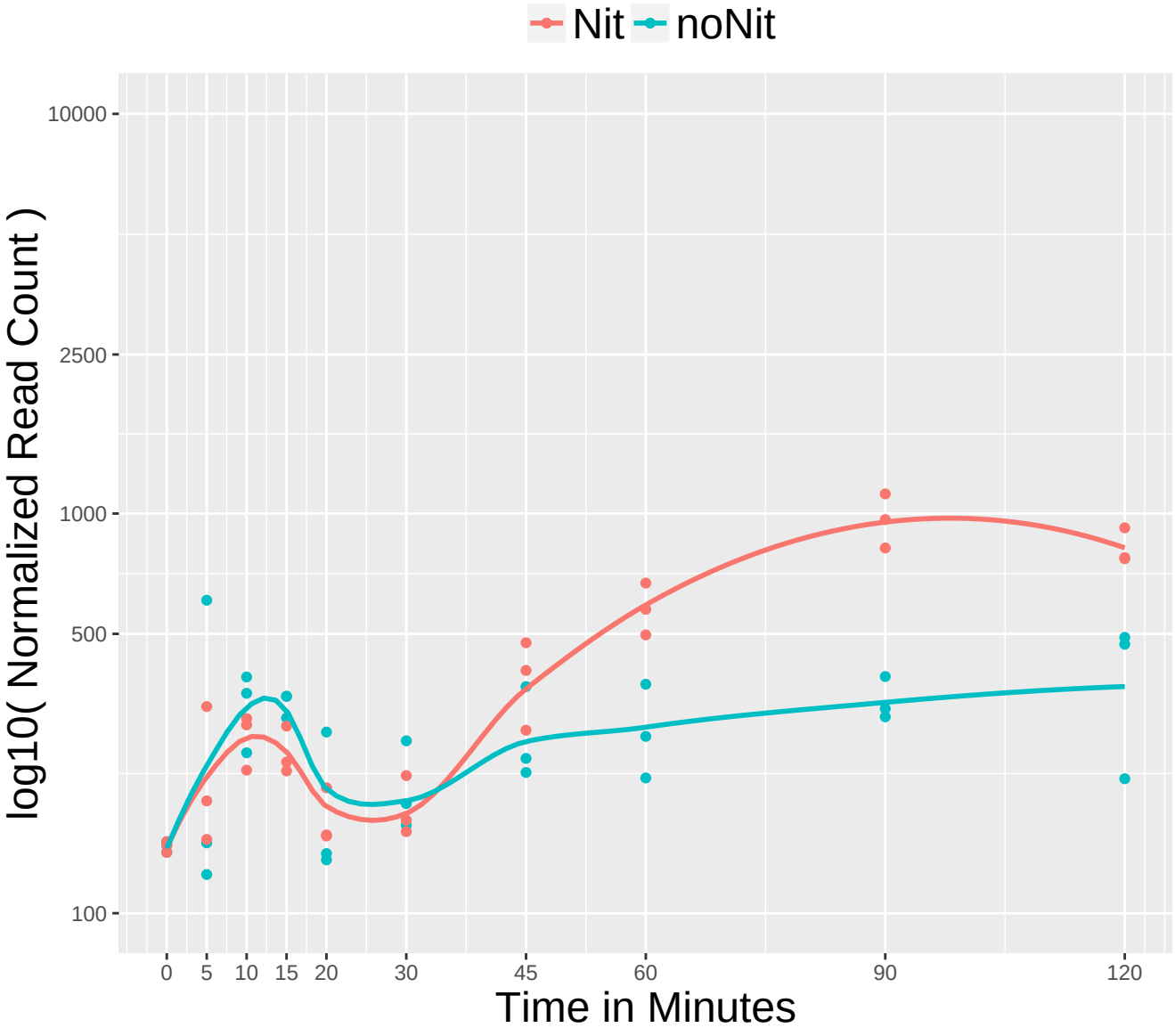
AT1G33840

Protein



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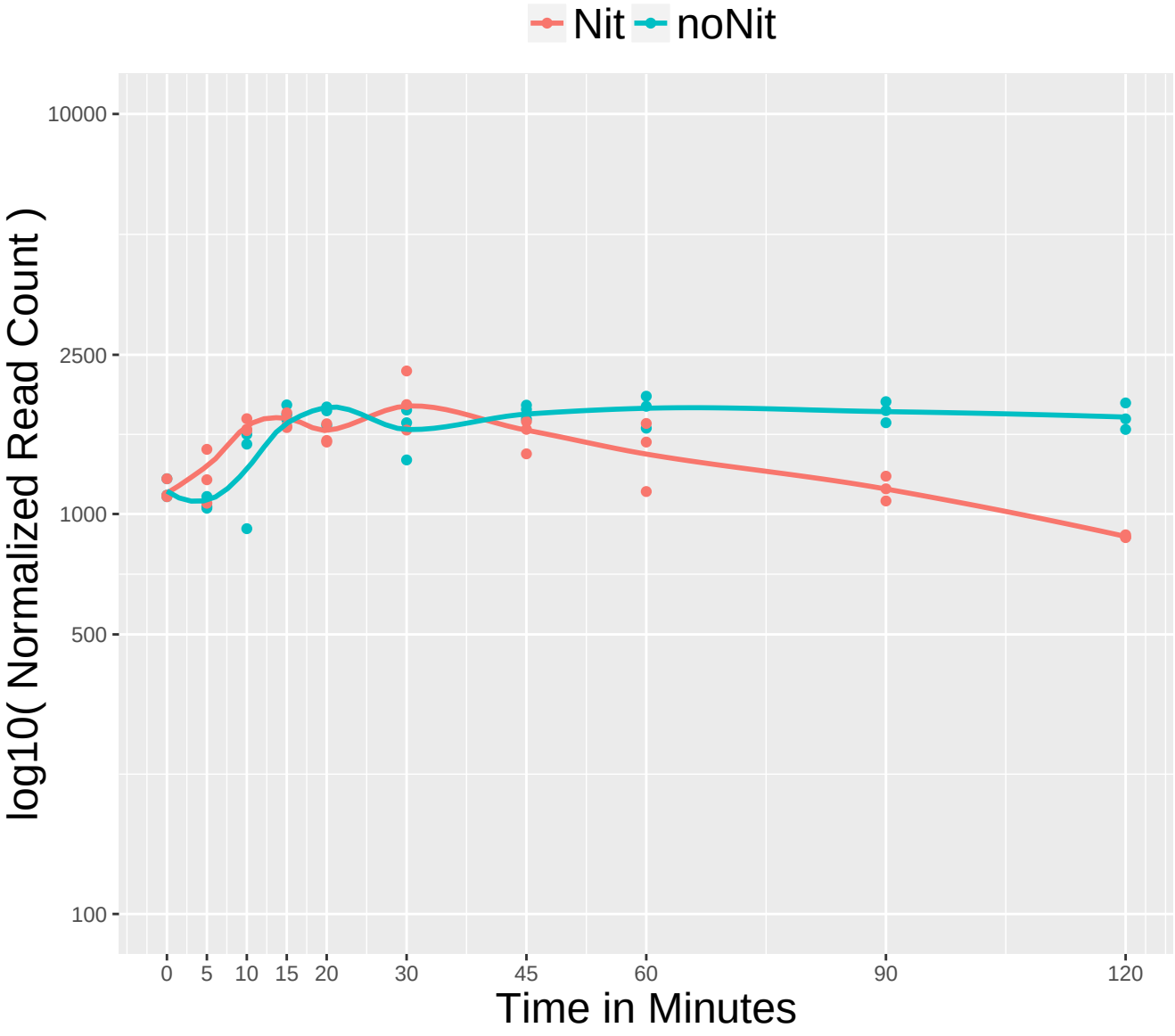
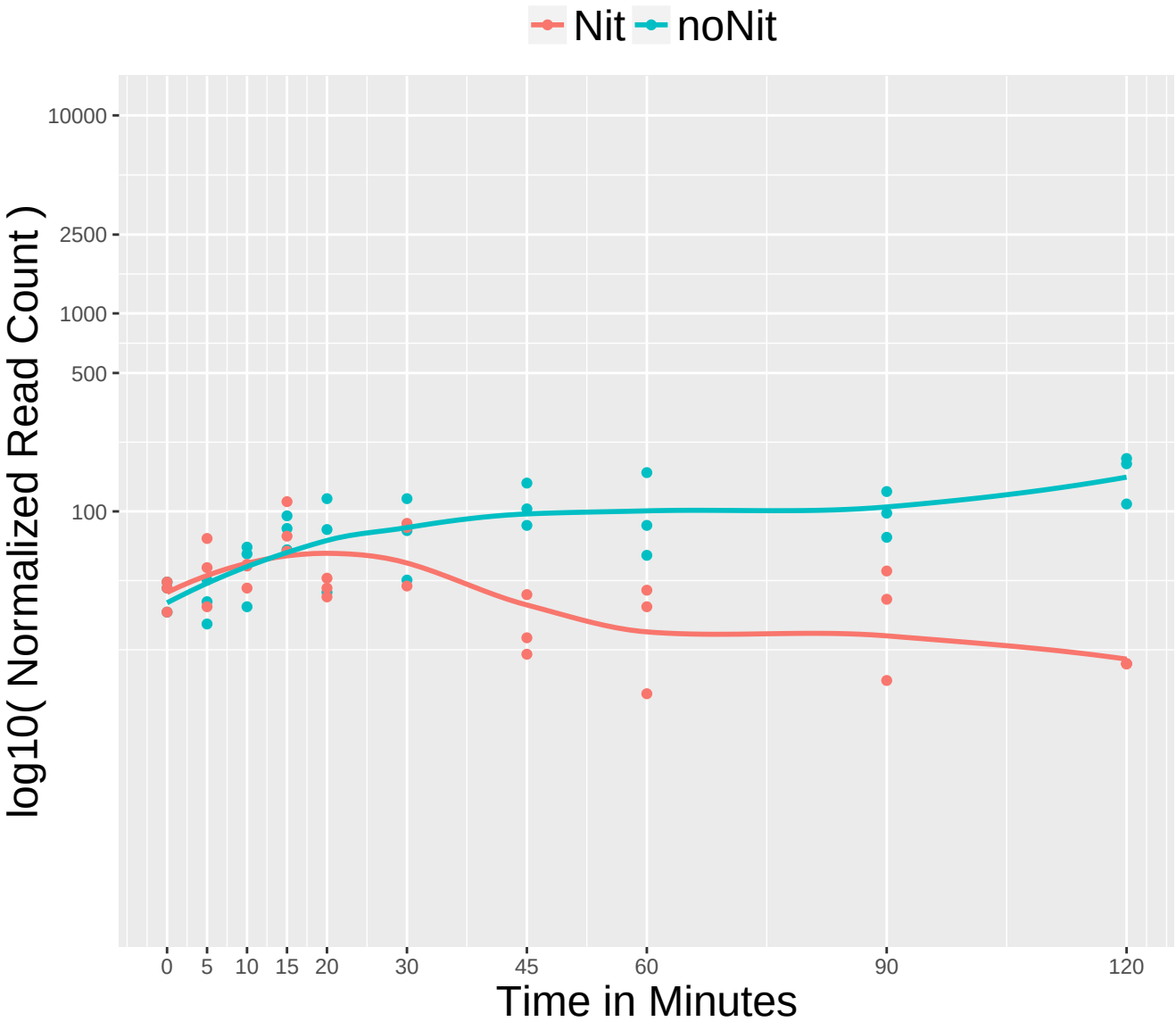
Protein



AT2G29100

ATGLR2.9,glutamate



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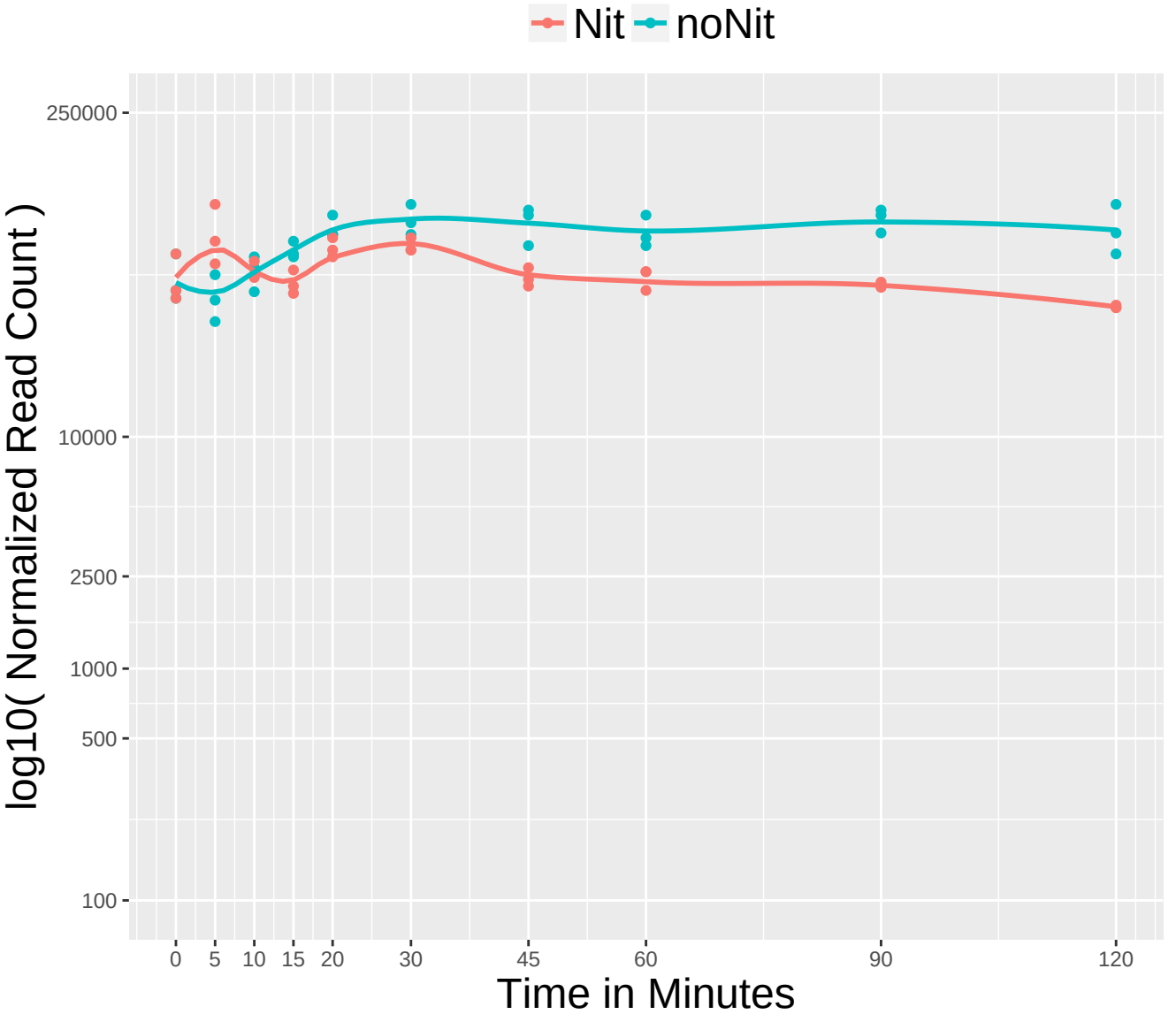
ATC4H,CINNAMATE



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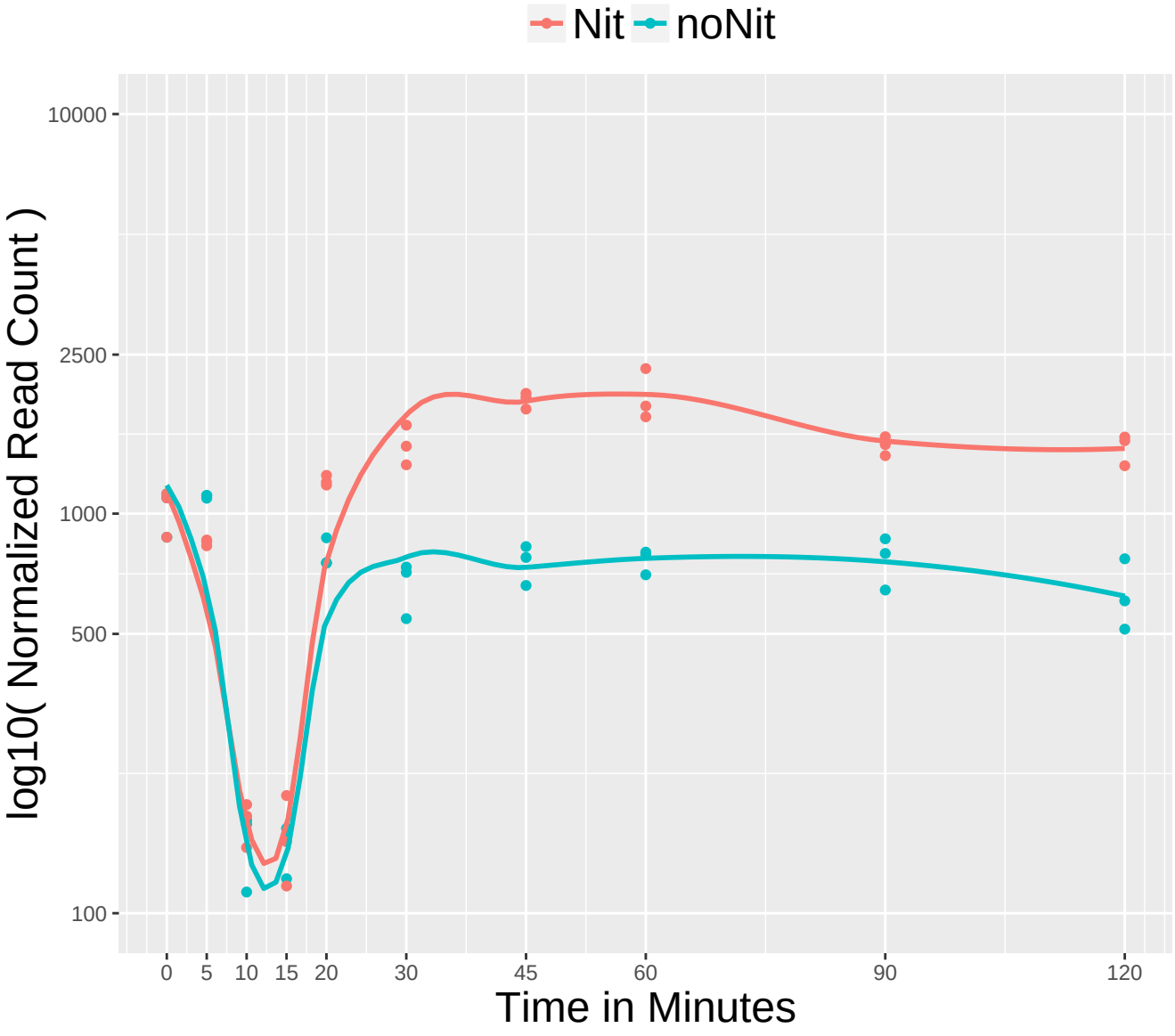
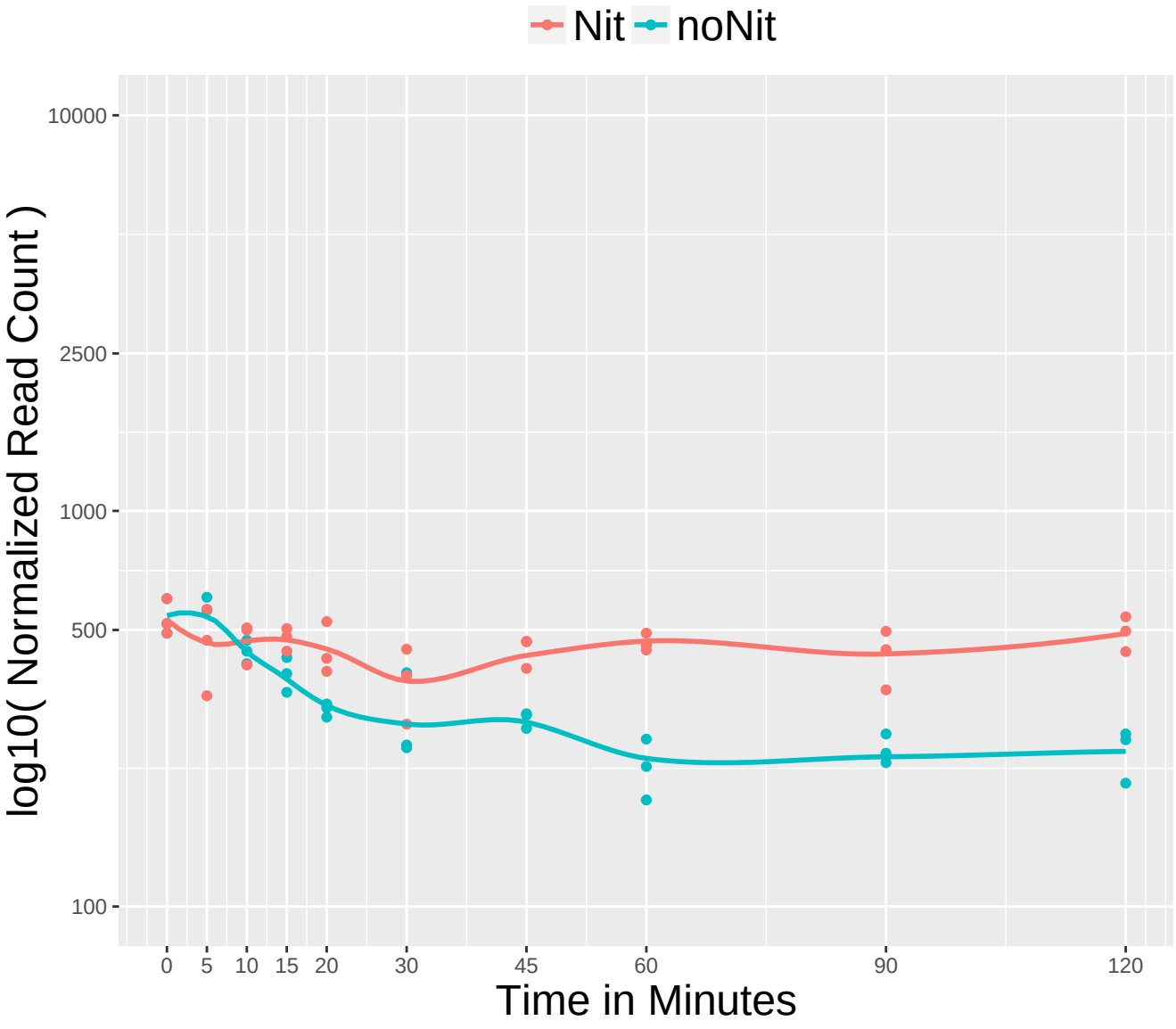
F−box/RNI−like



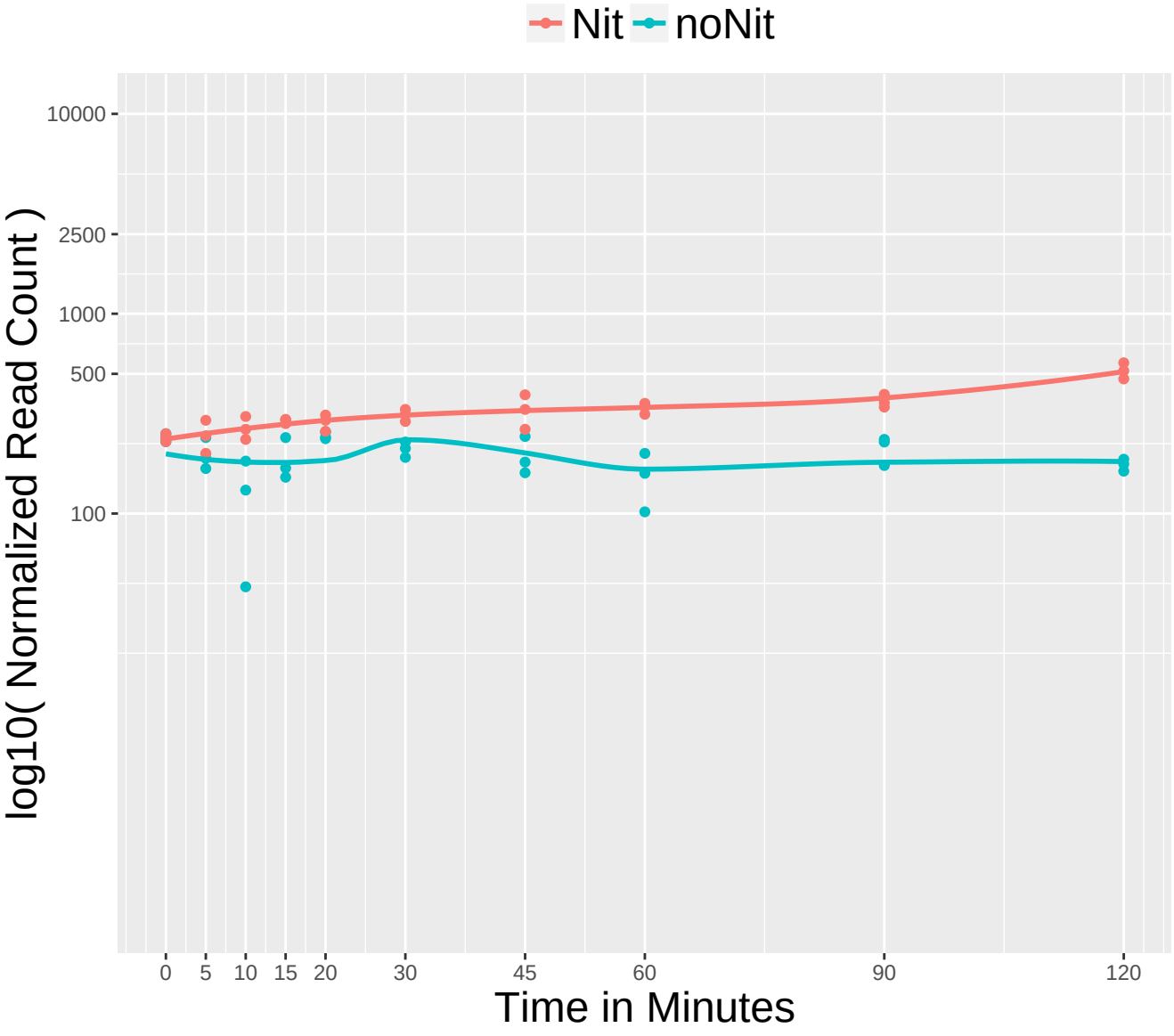
AT3G25440

RNA−binding



AT3G27027

Protein



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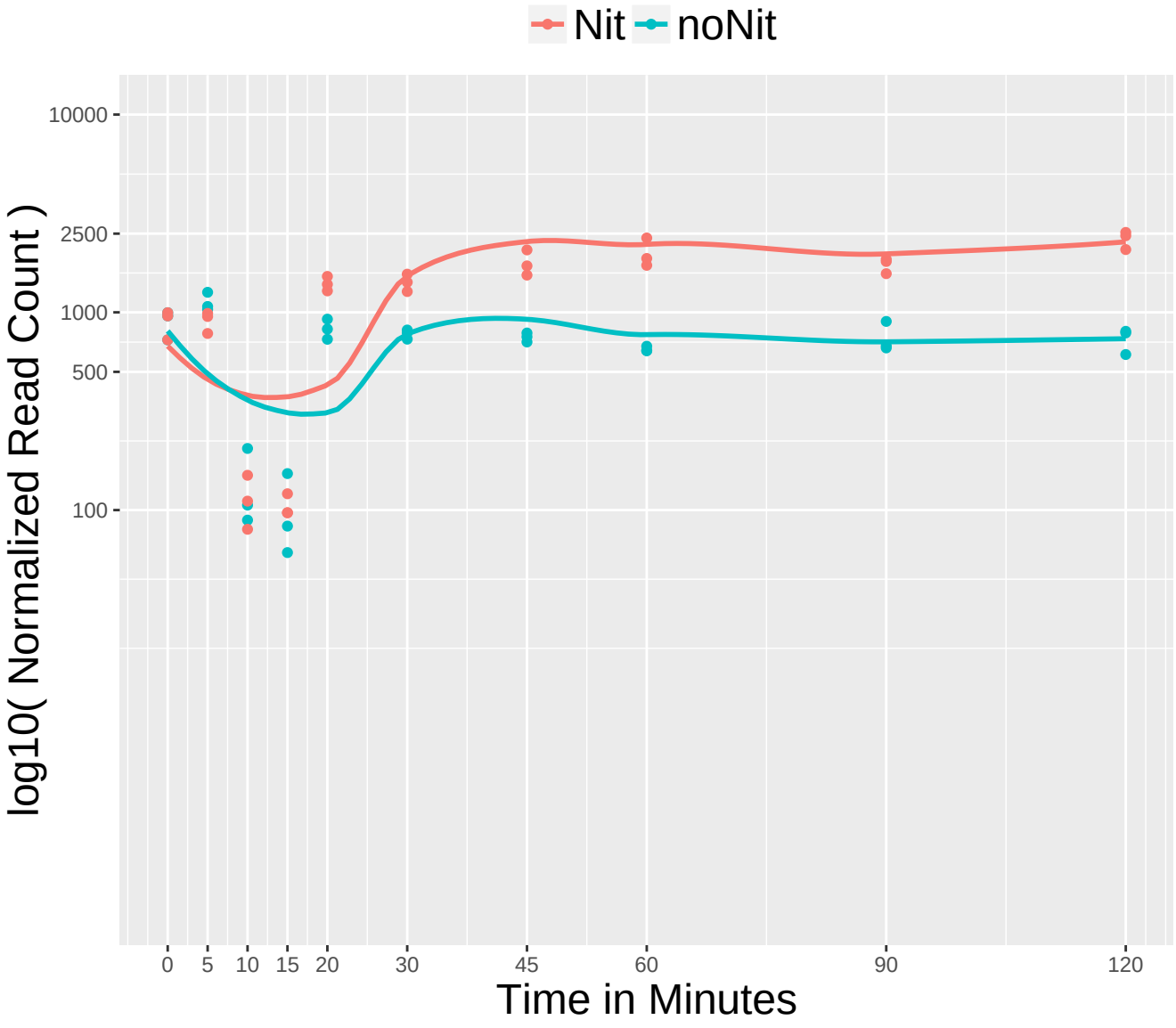
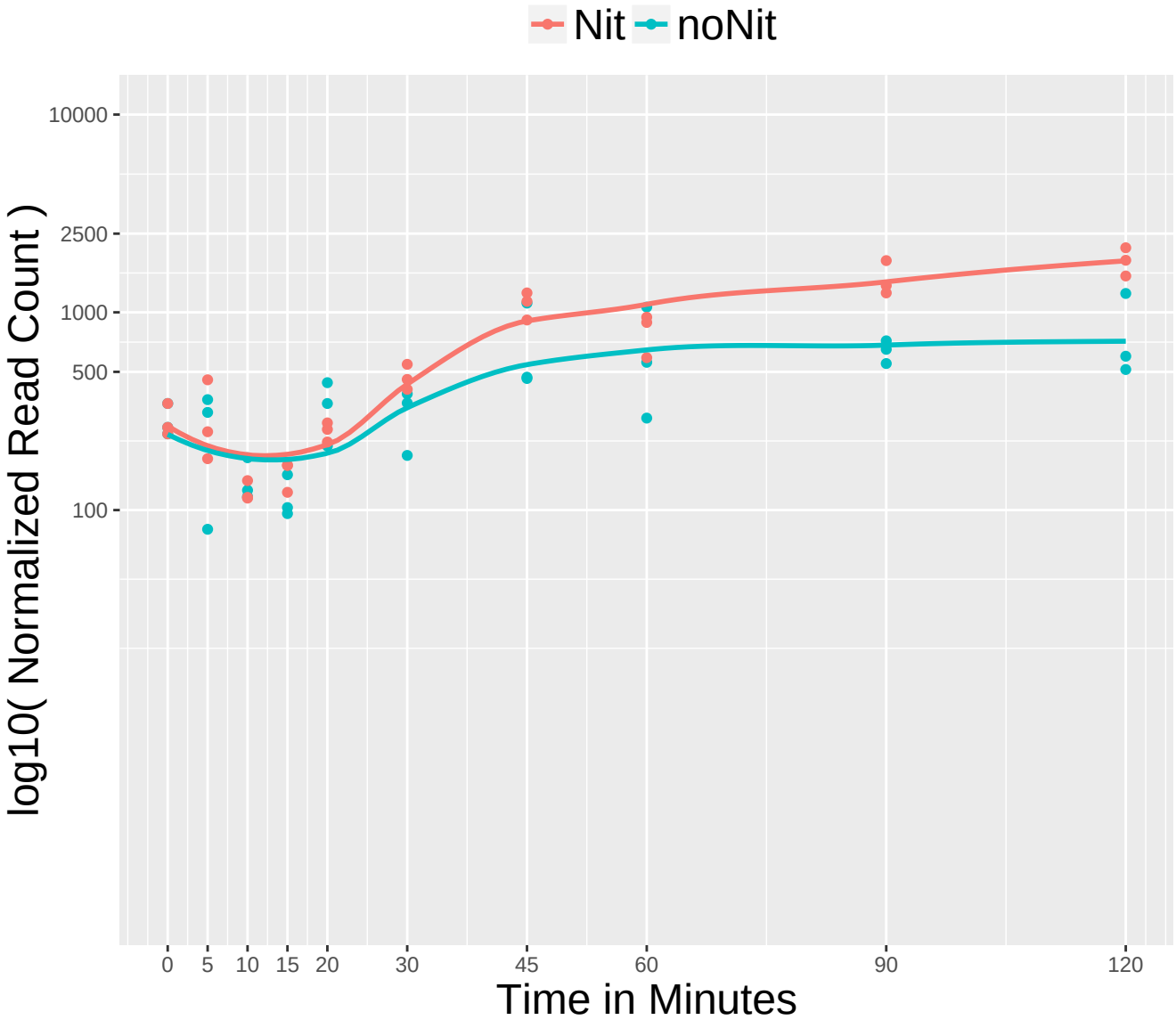
ARR9,response



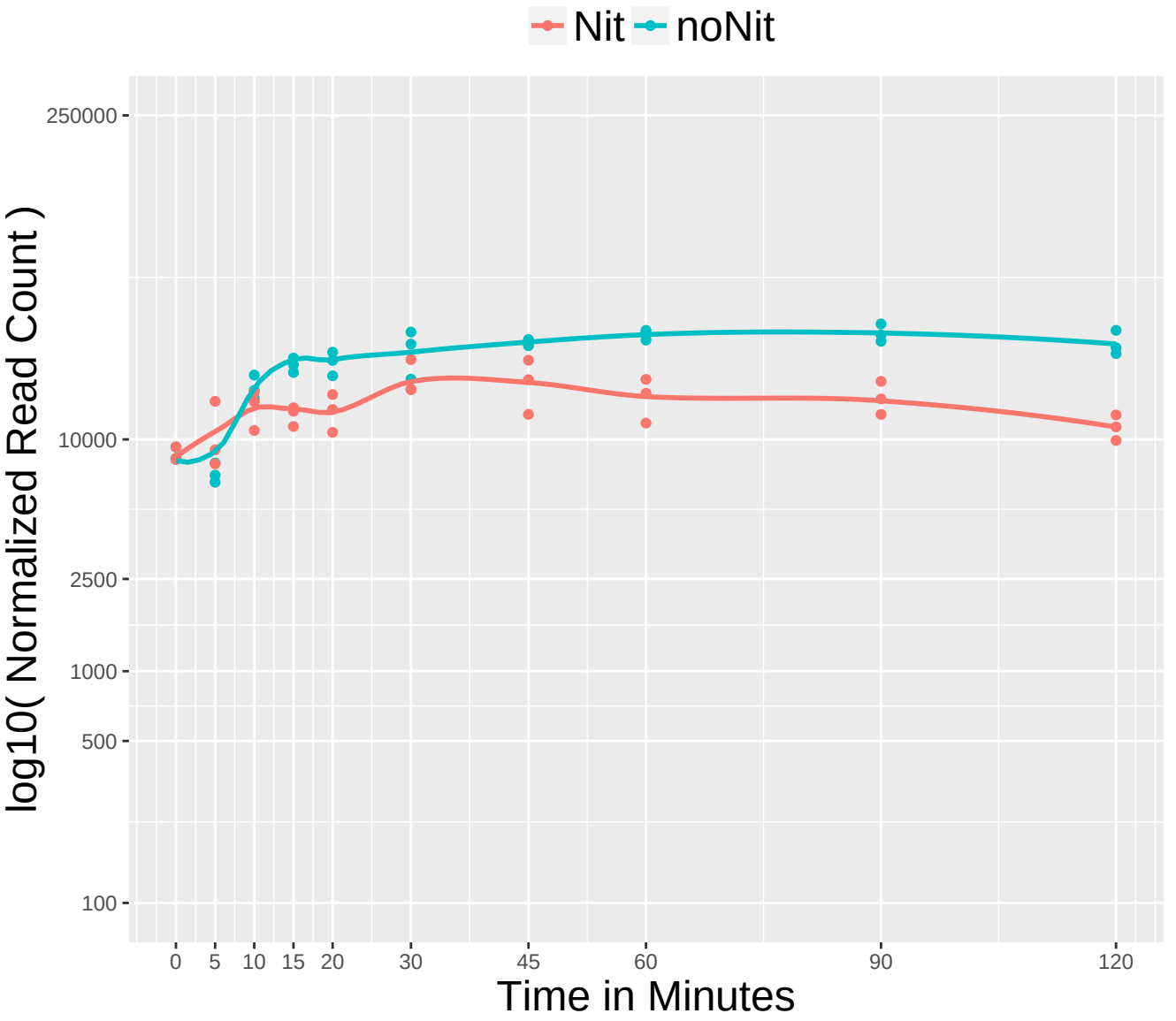
AT4G04710

CPK22,calcium−dependent



AT4G13930

SHM4,serine



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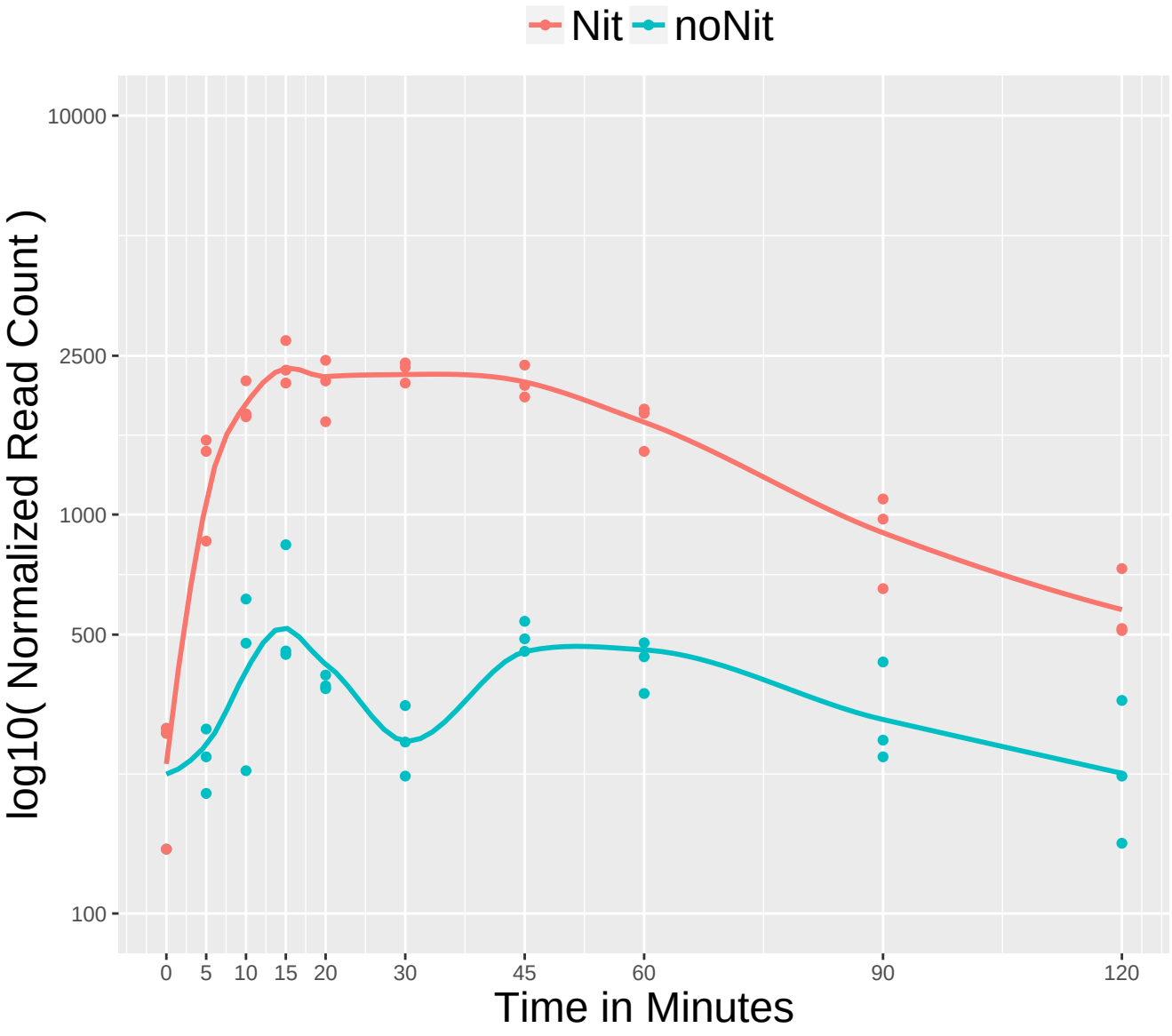
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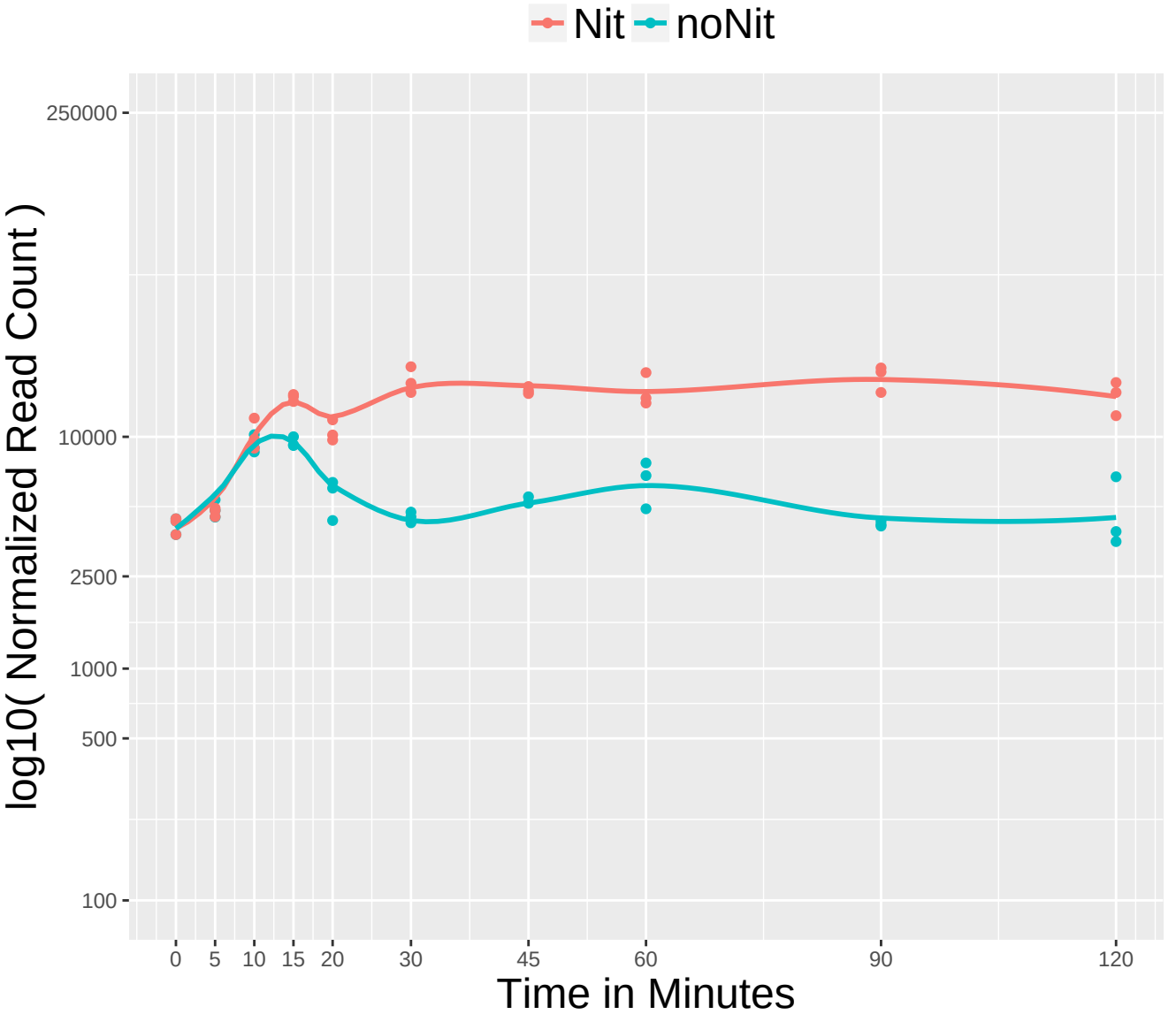
Time in Minutes

AT4G36040

DJC23,DNA



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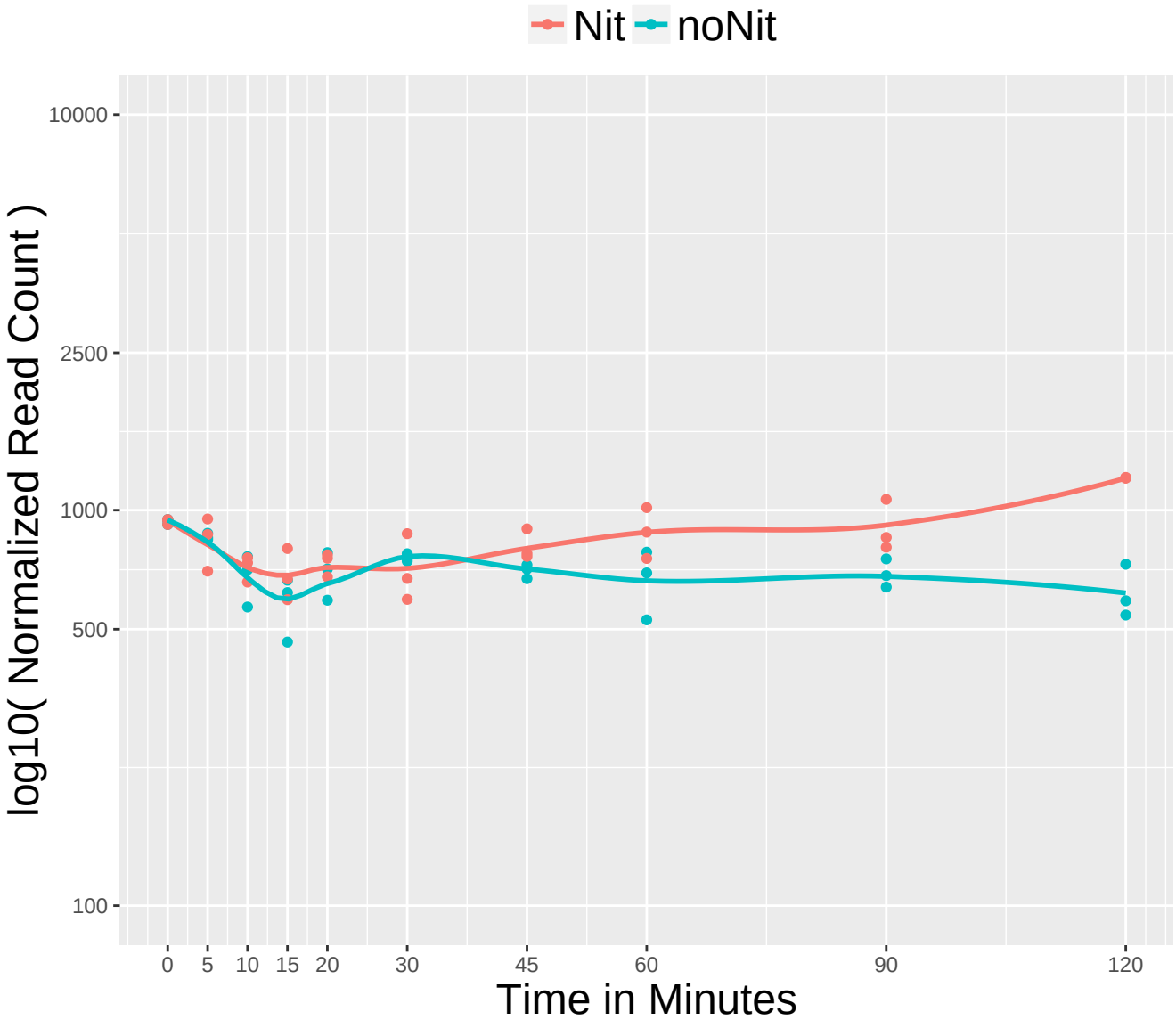
JMJ22,Jumonji



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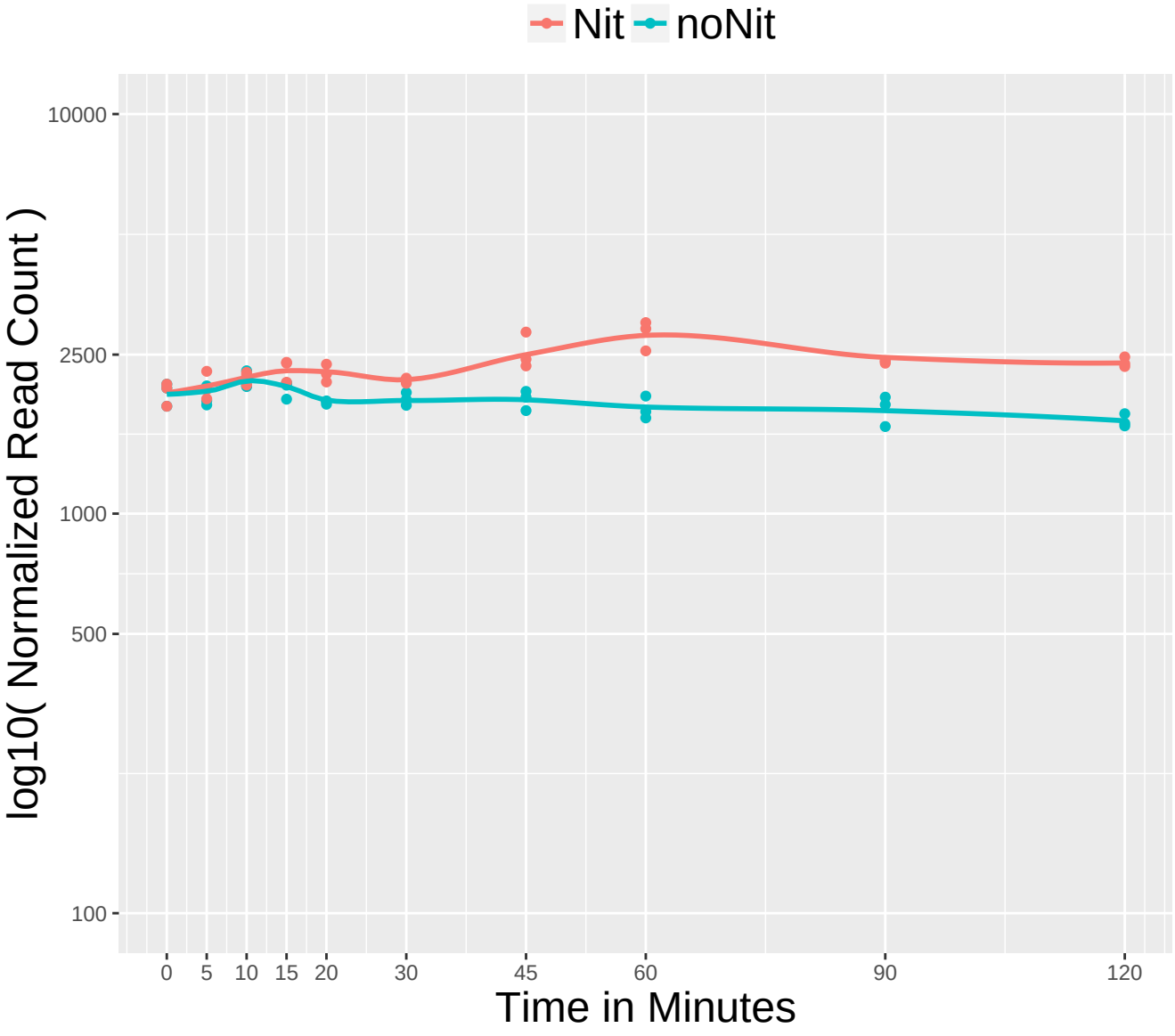
Glutathione



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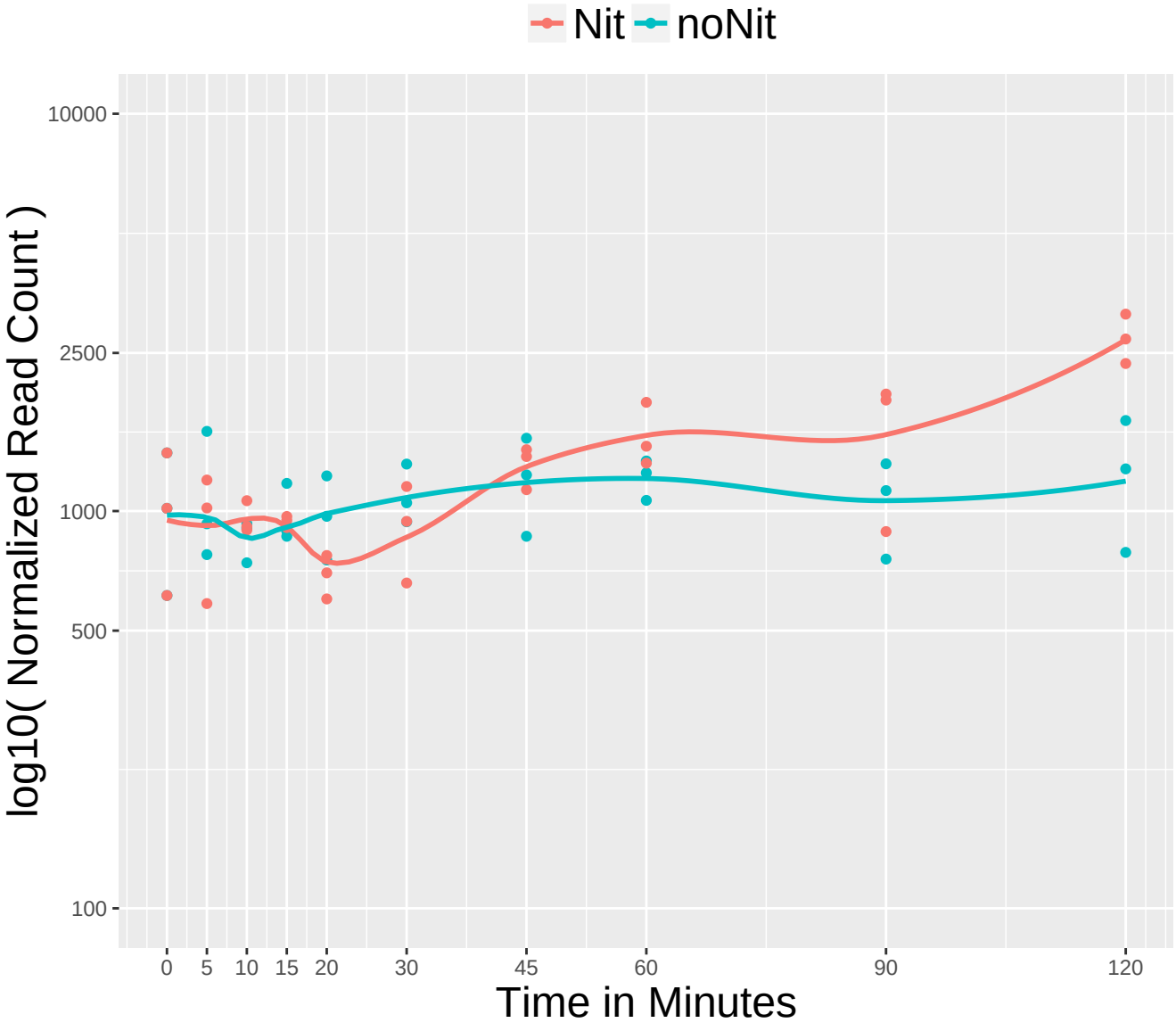
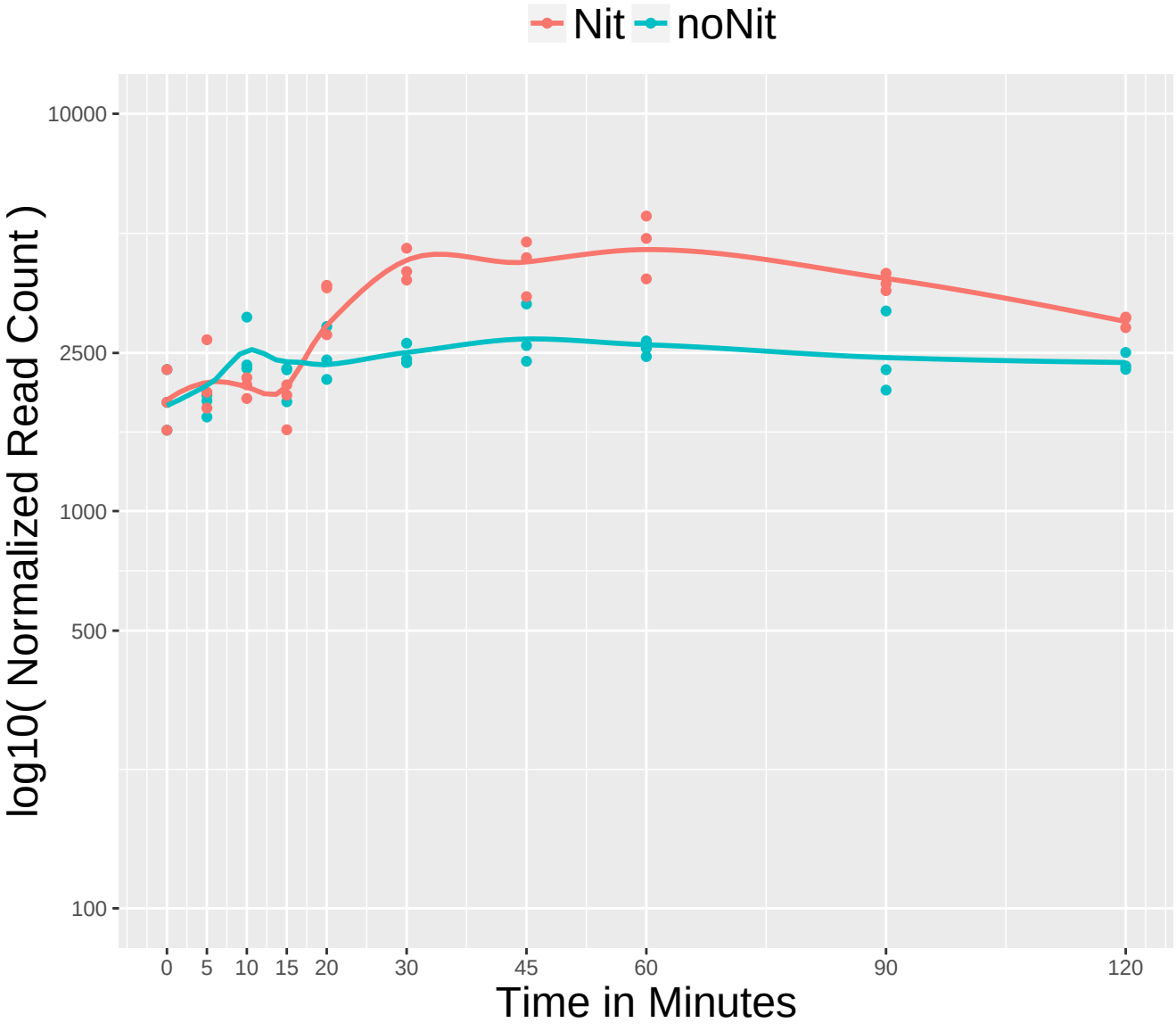
ATMYB34,,ATR1,ALTERED



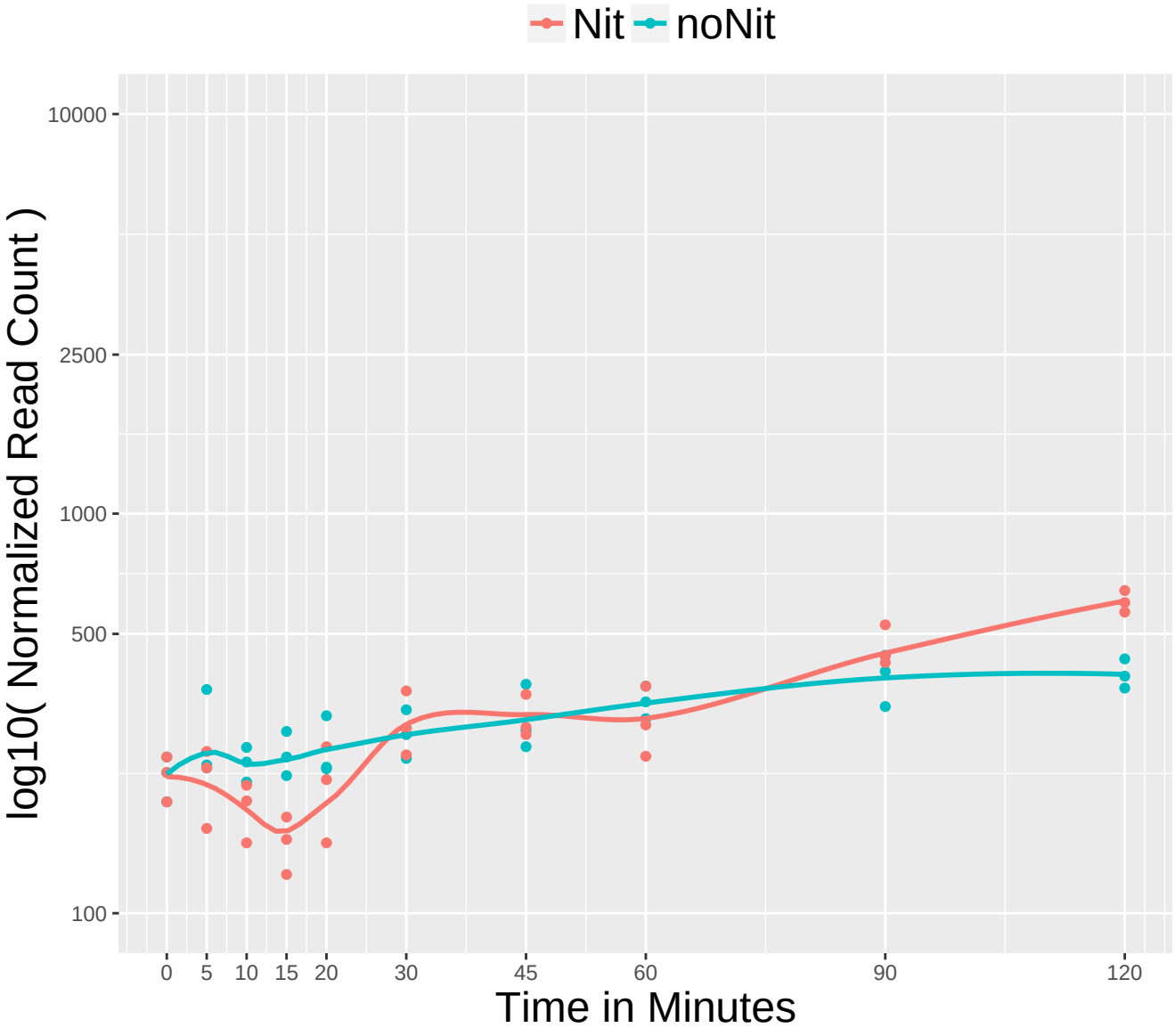
AT1G07640

OBP2,,URP3,UAS−TAGGED



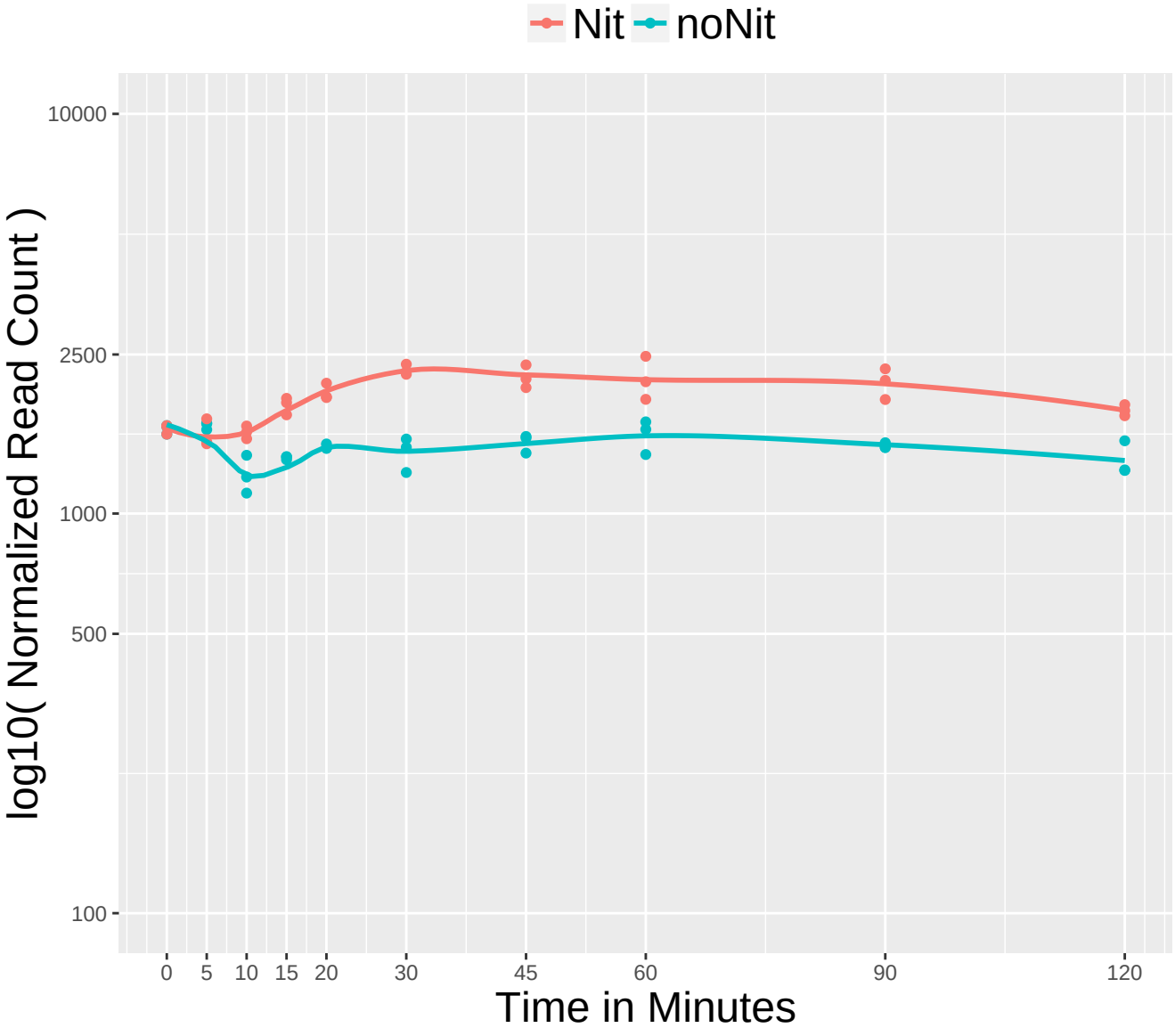
AT1G25230

Calcineurin−like



AT1G30200

F−box



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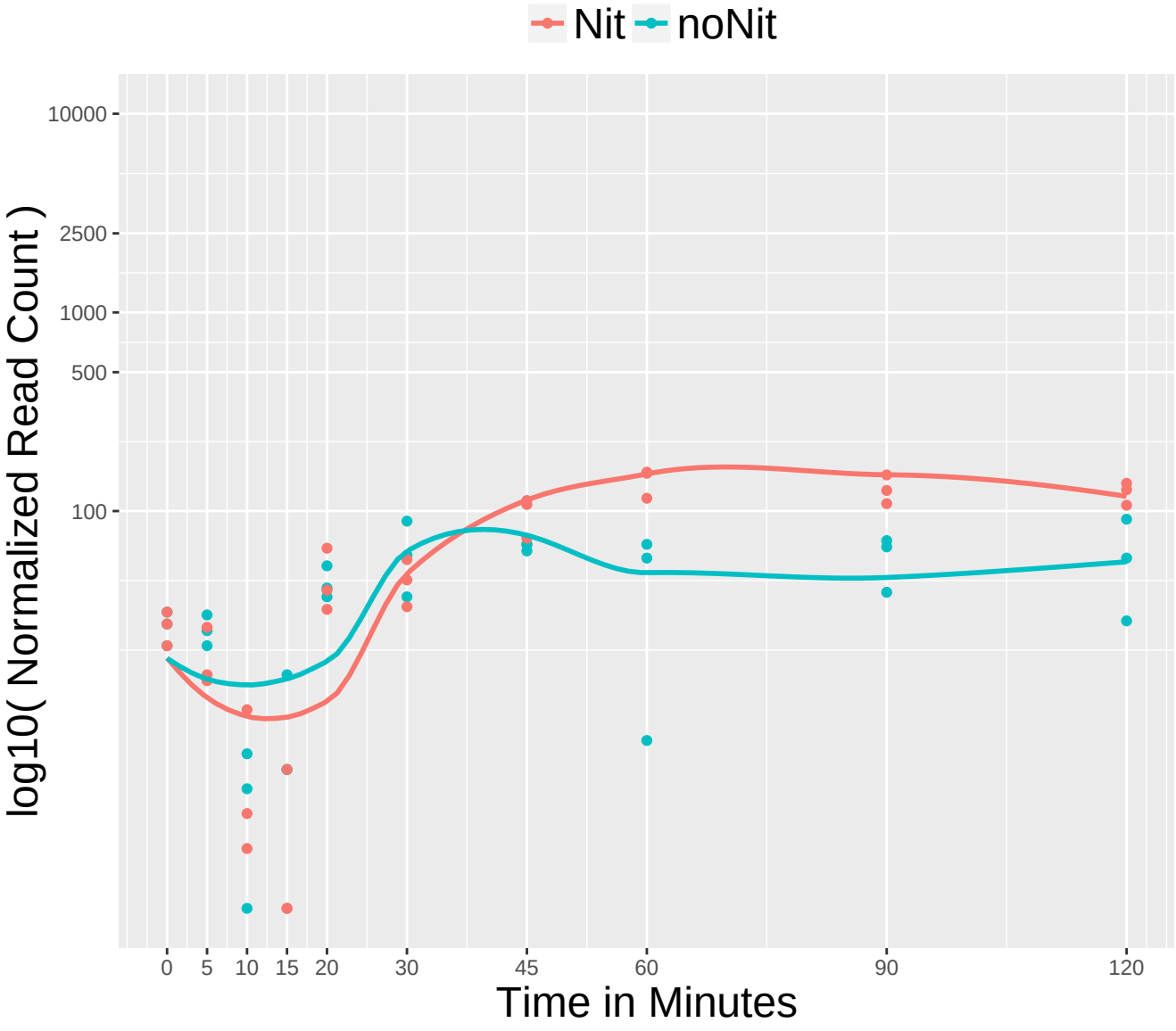
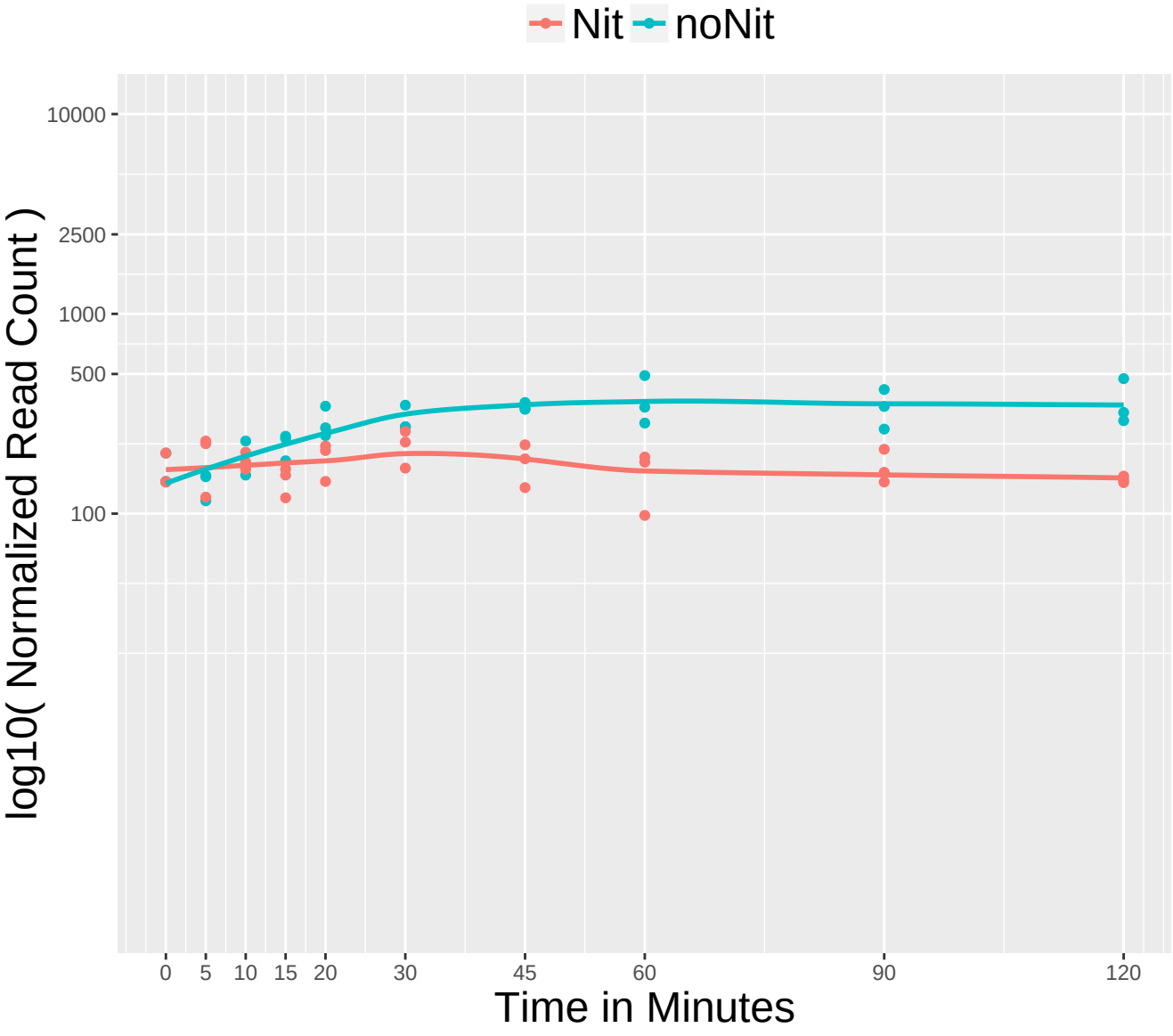


AT1G61420

S−locus



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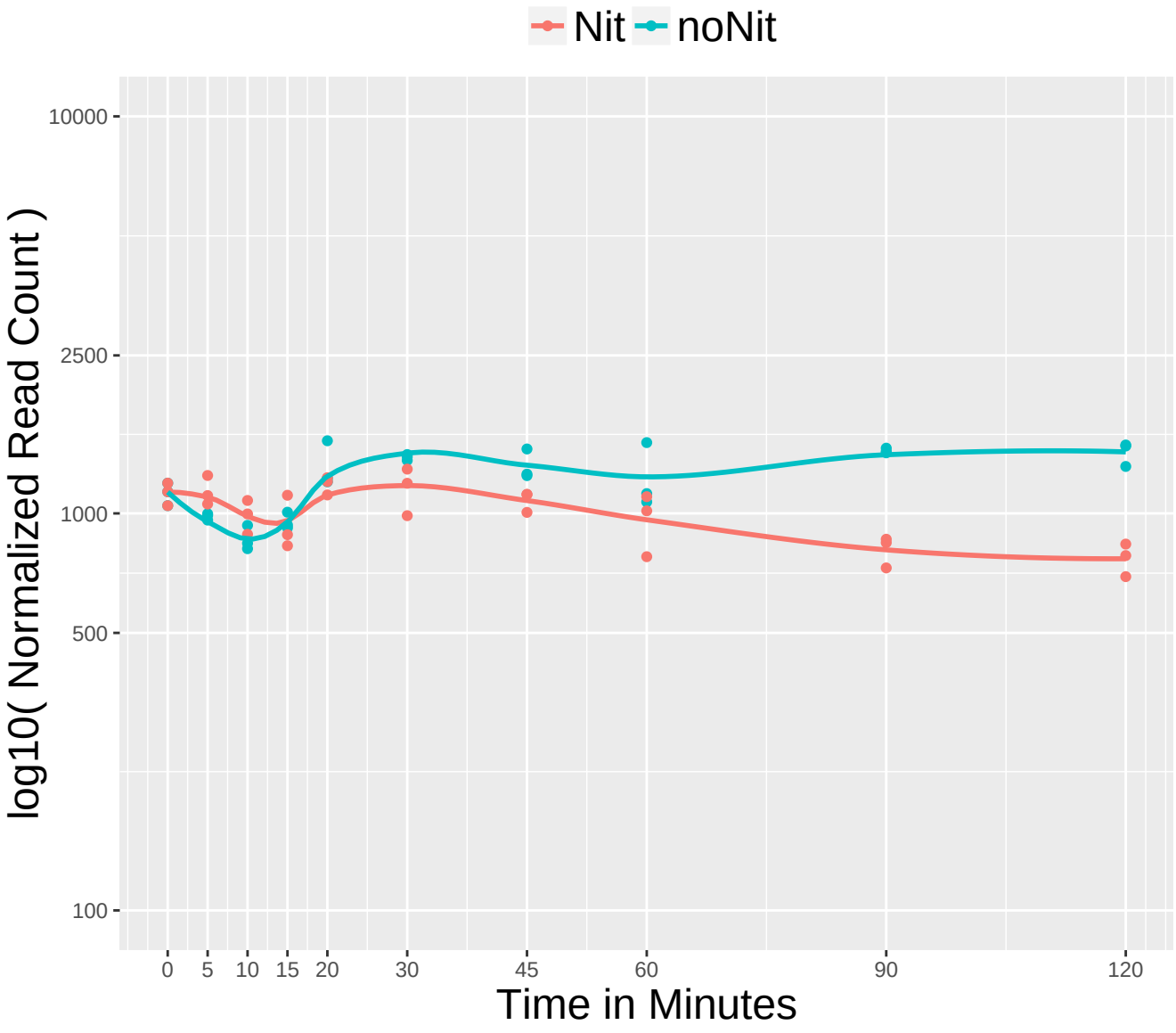

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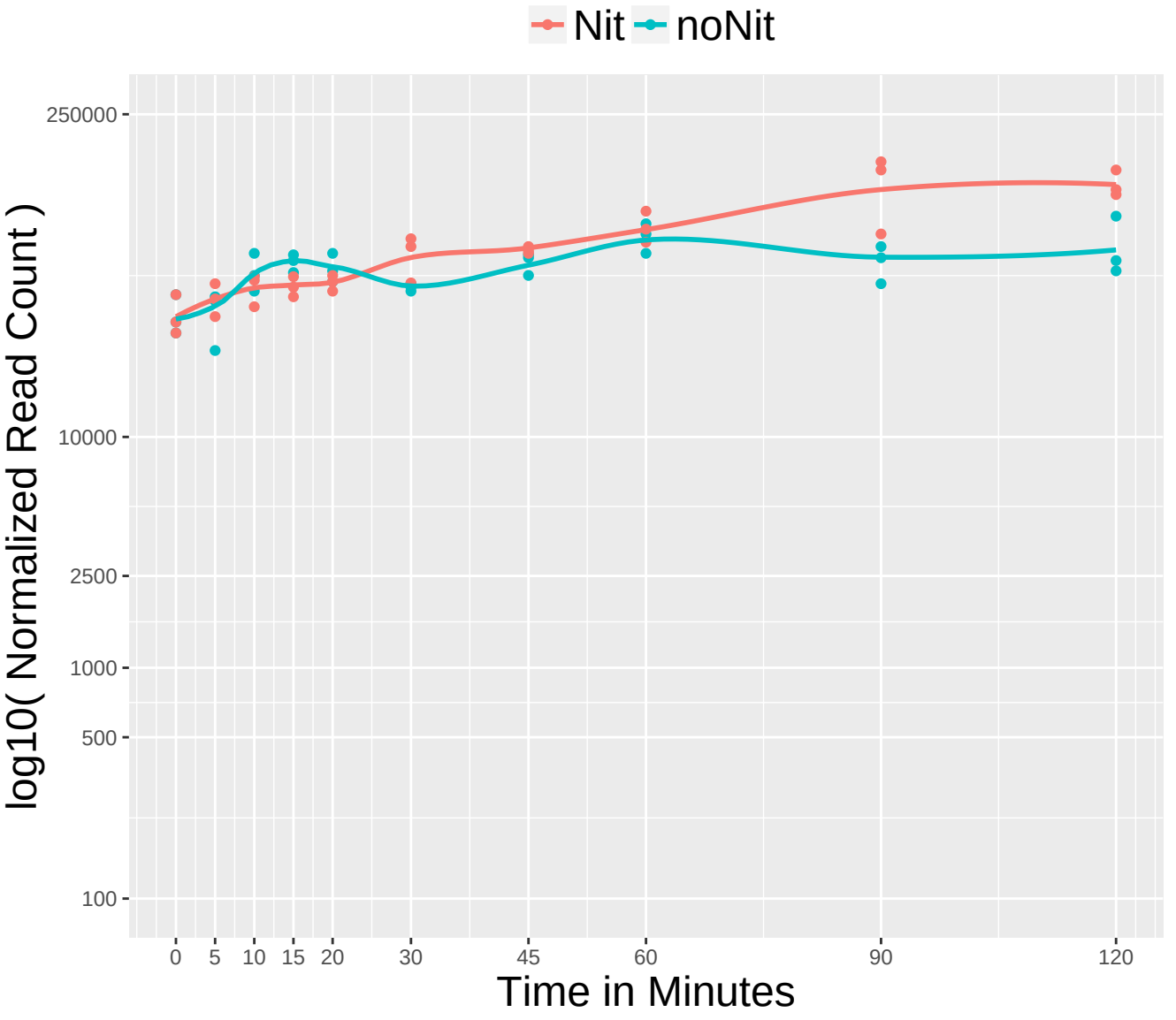

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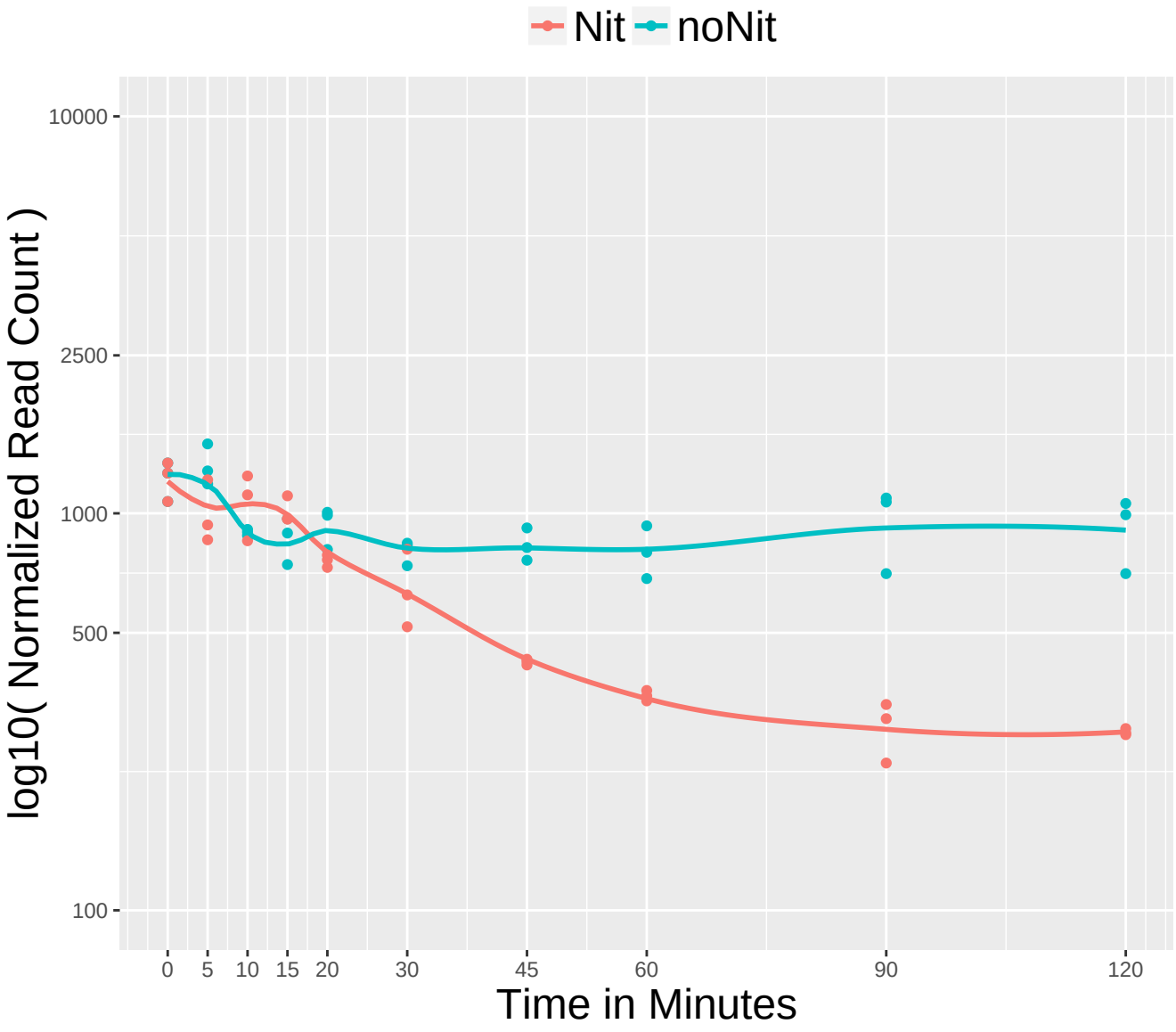

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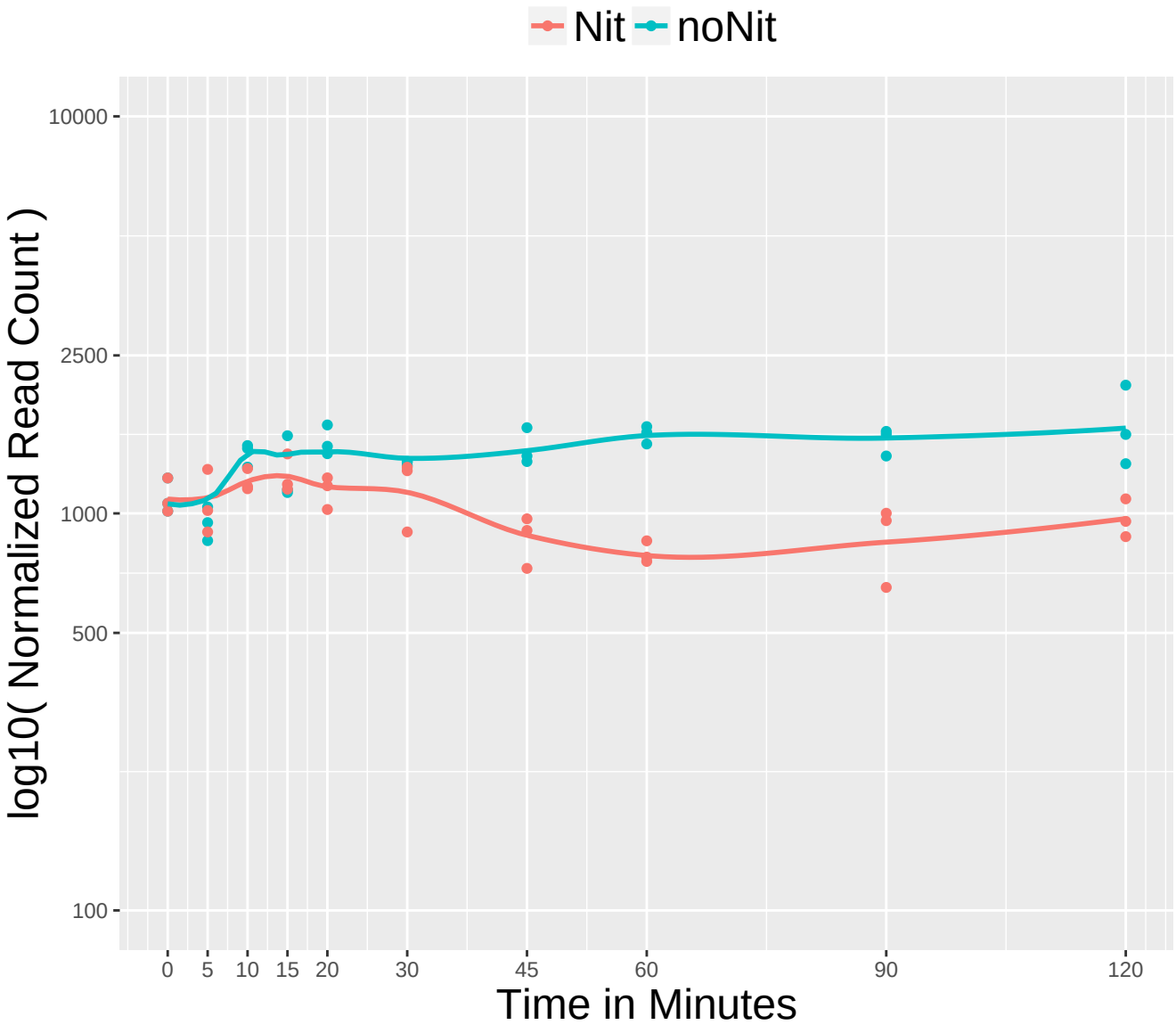
ATPROT1,PROLINE



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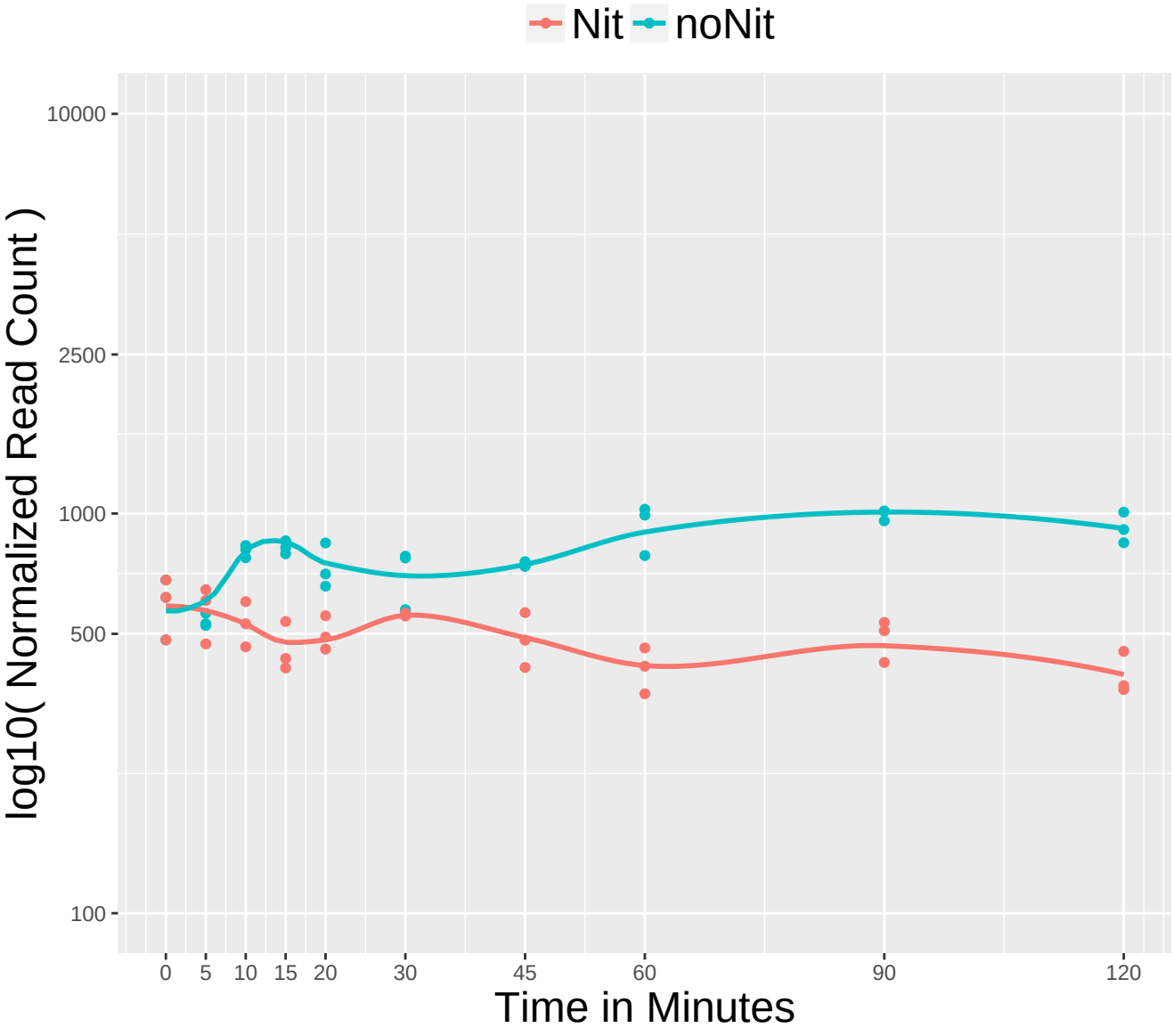

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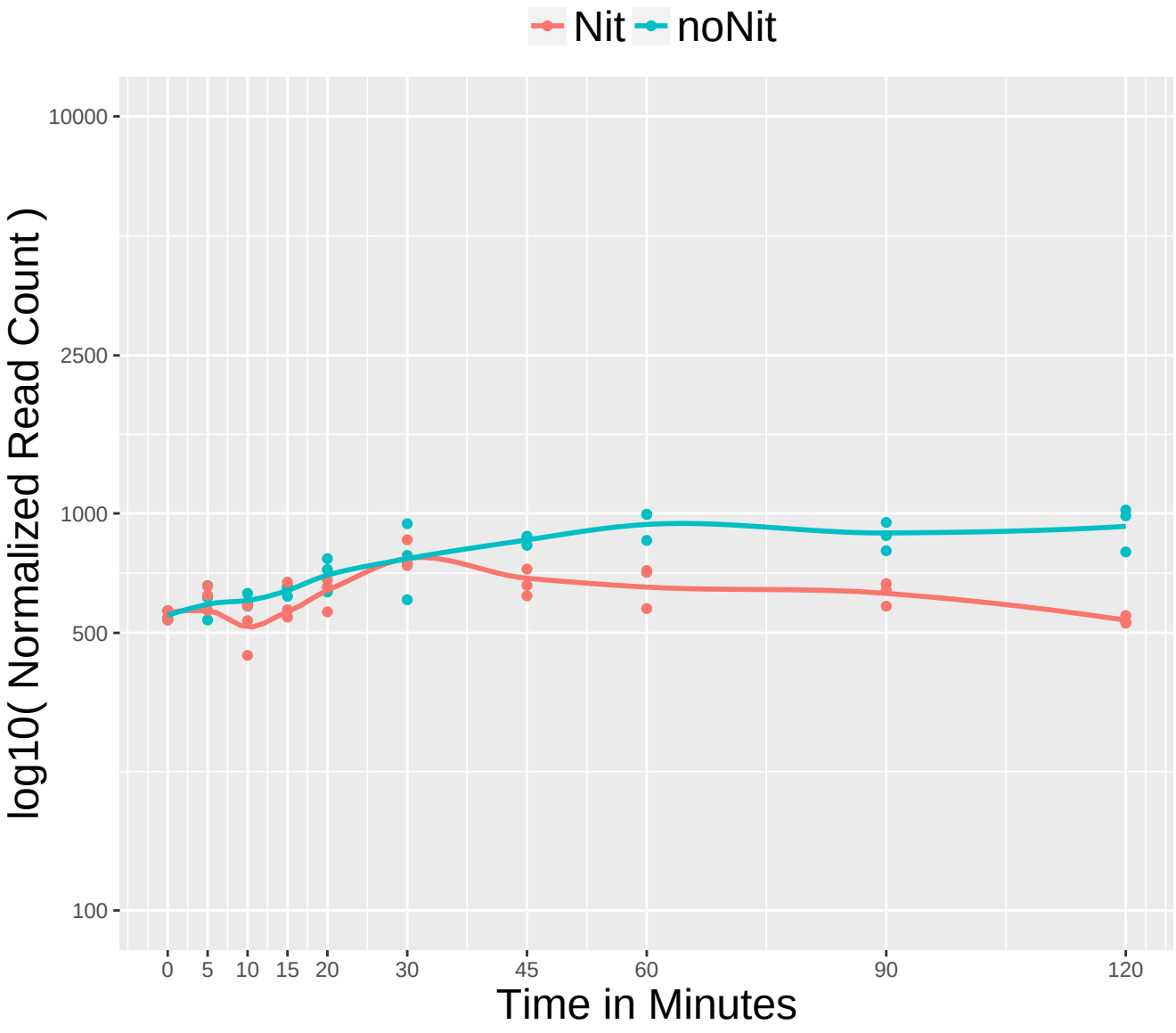

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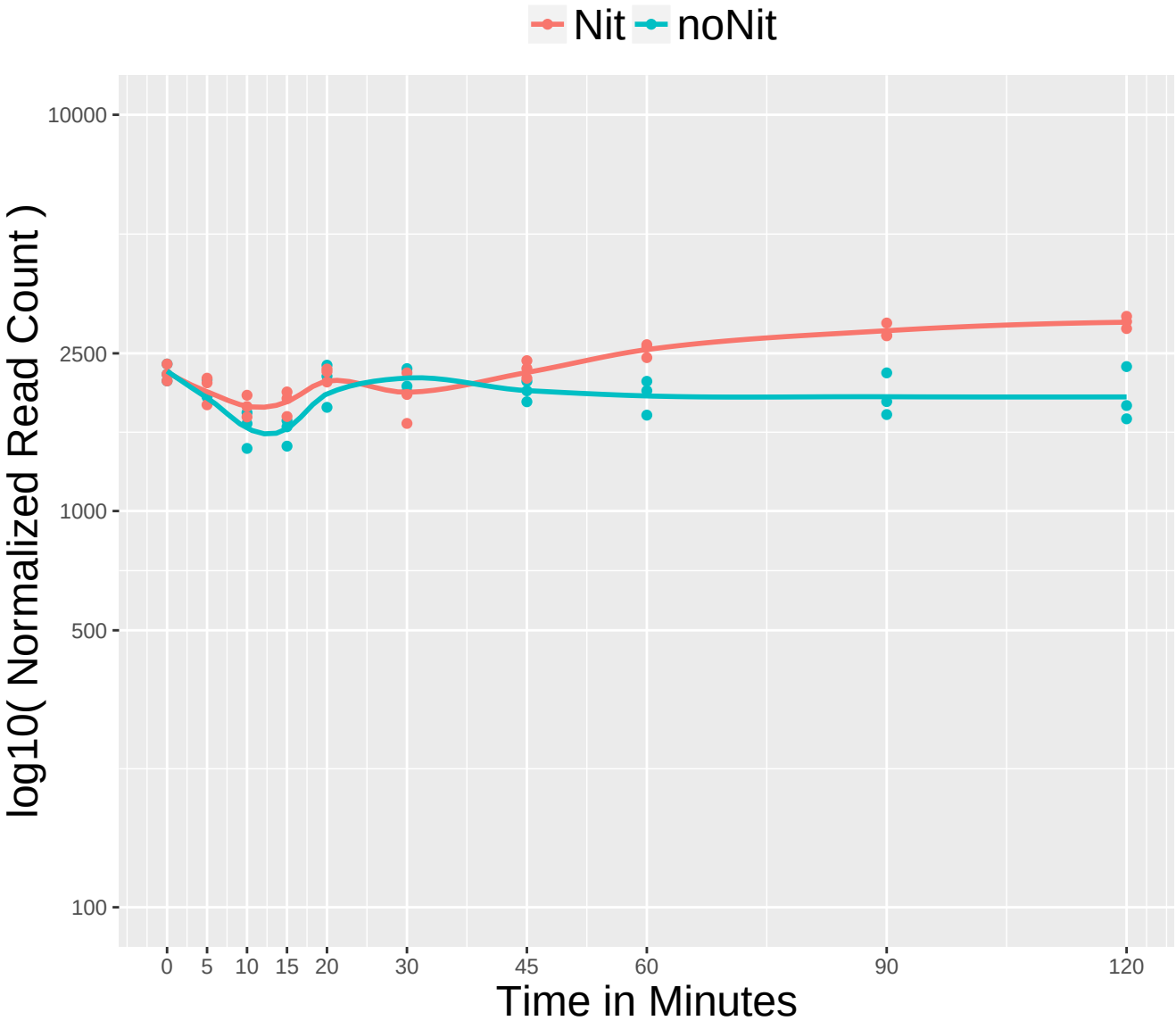

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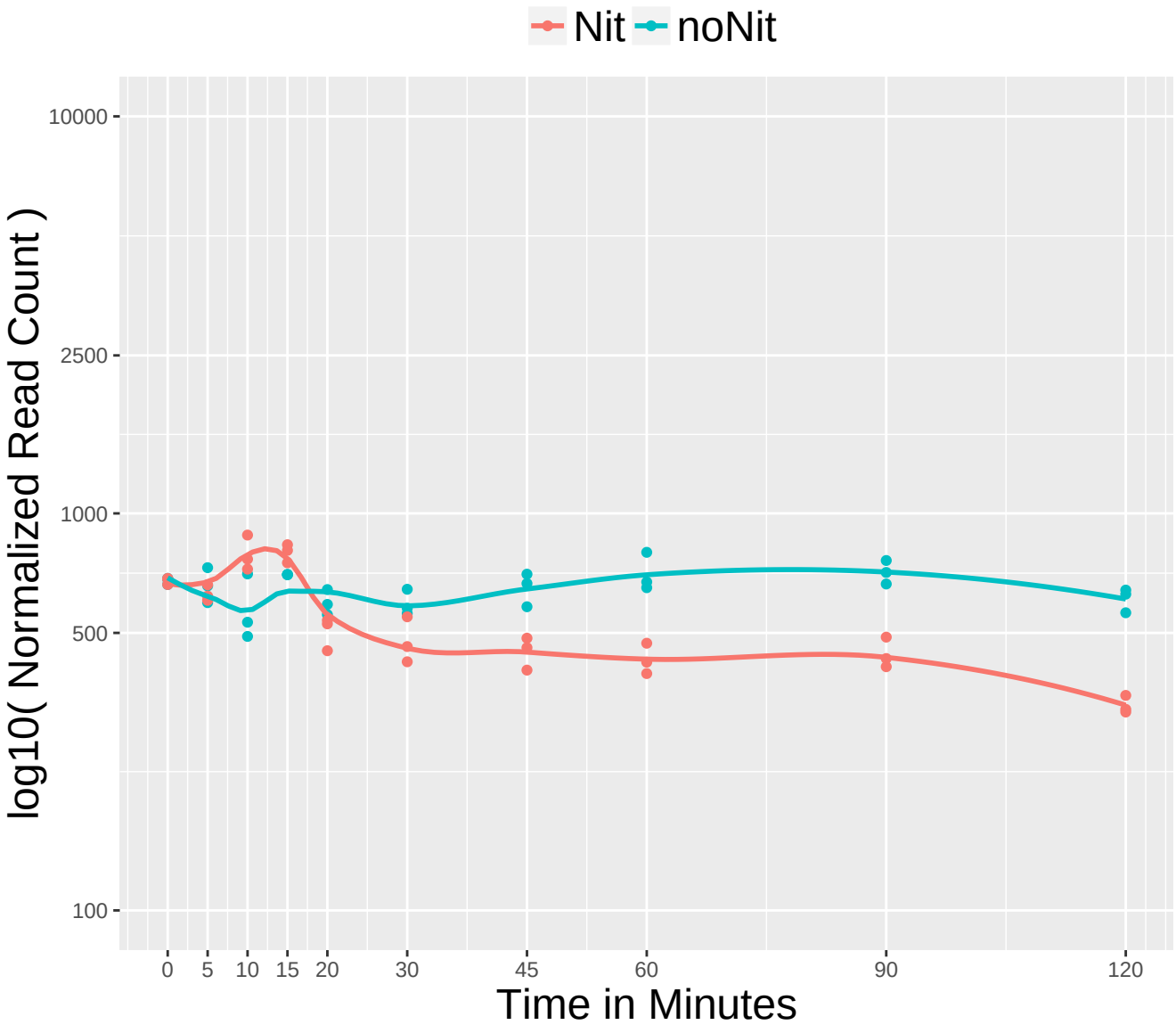
ckl10,casein



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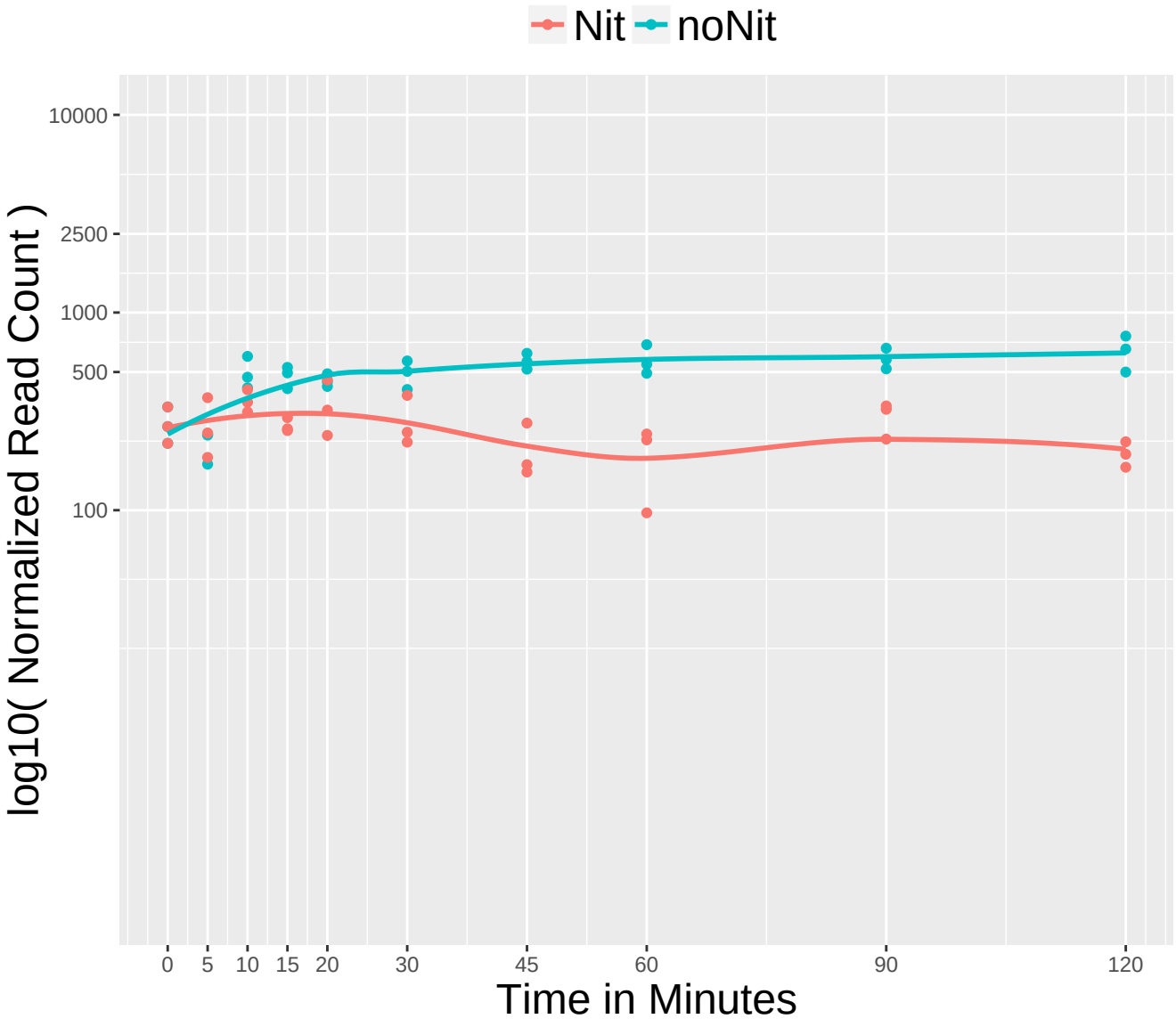

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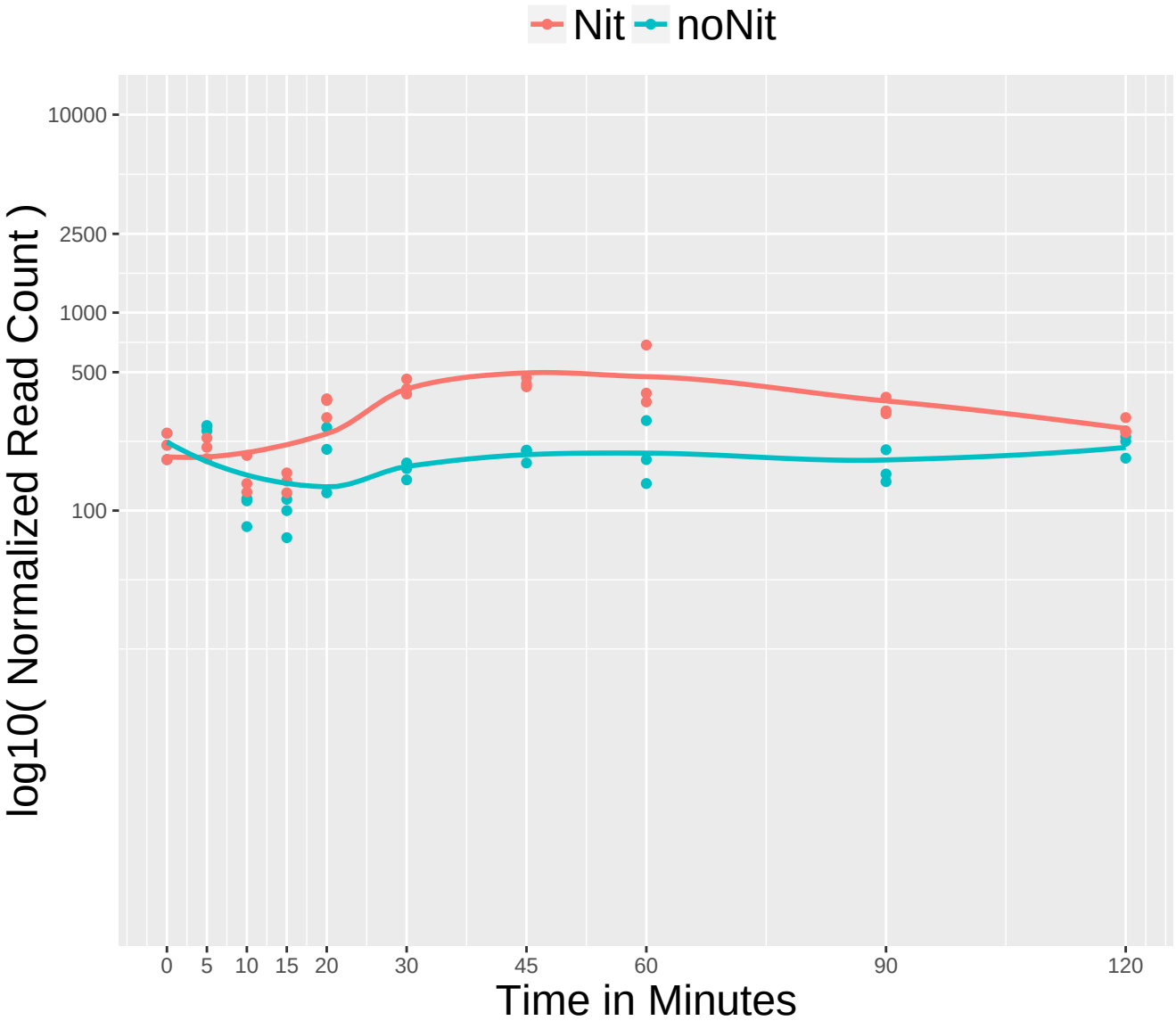

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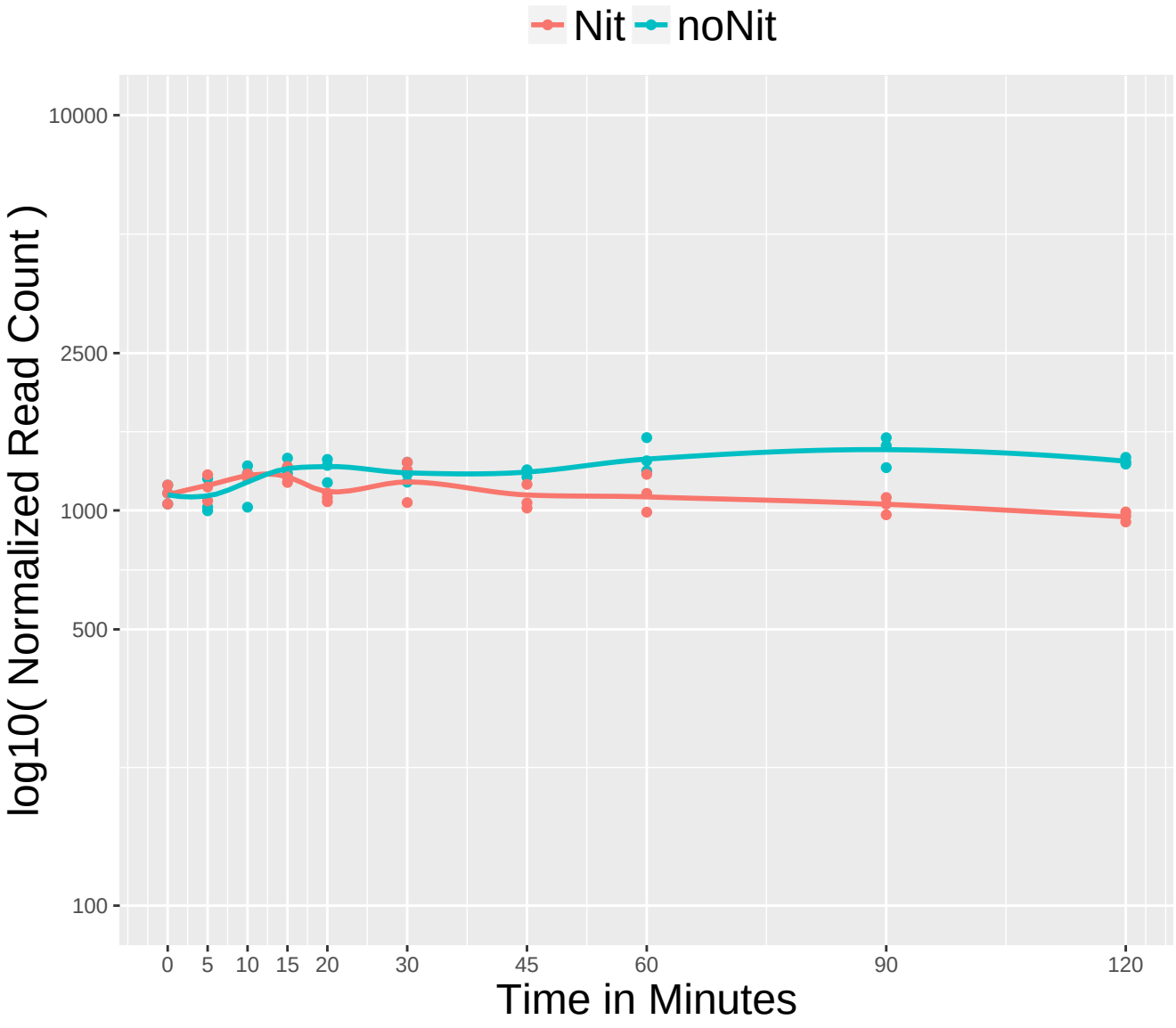

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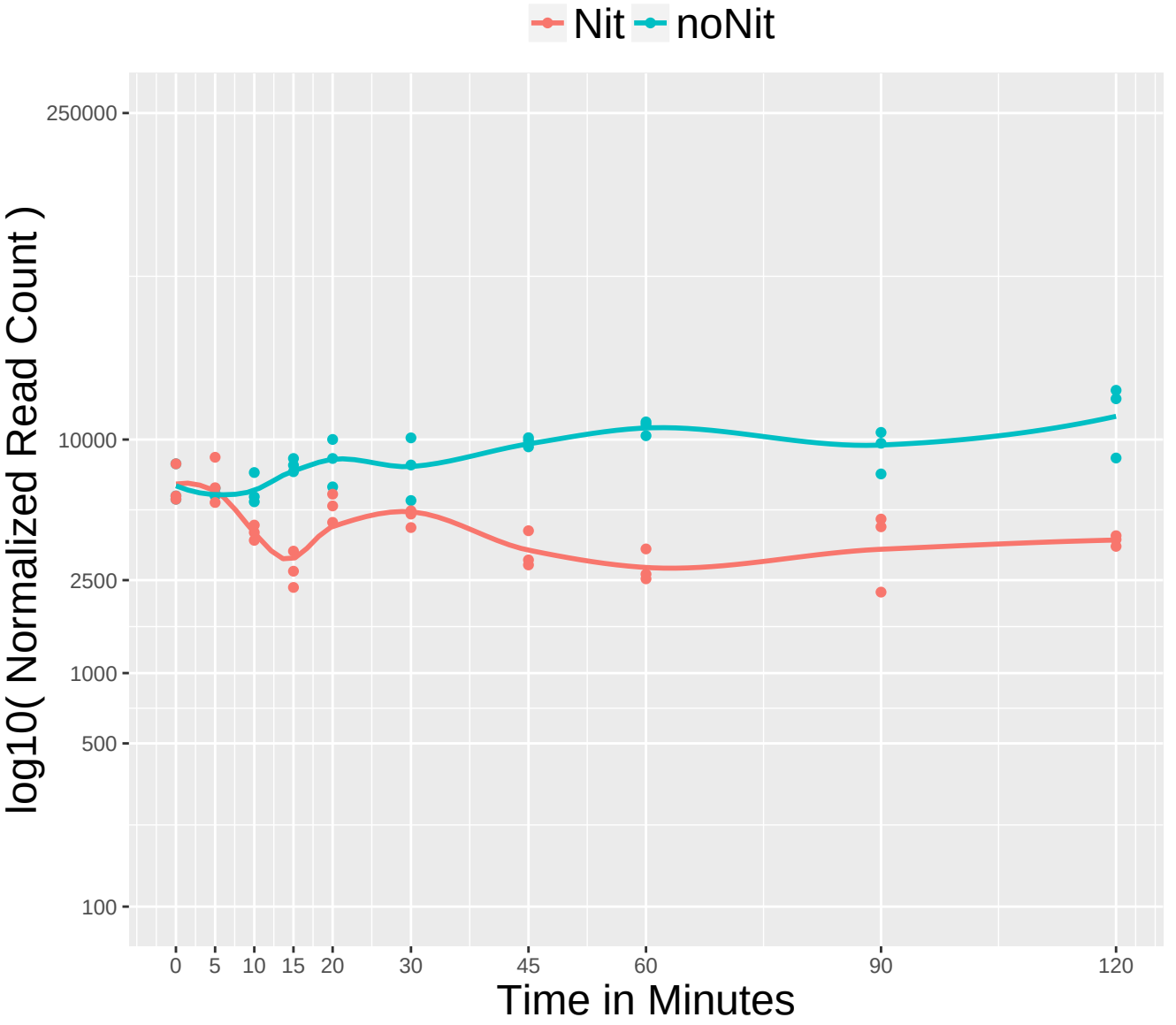

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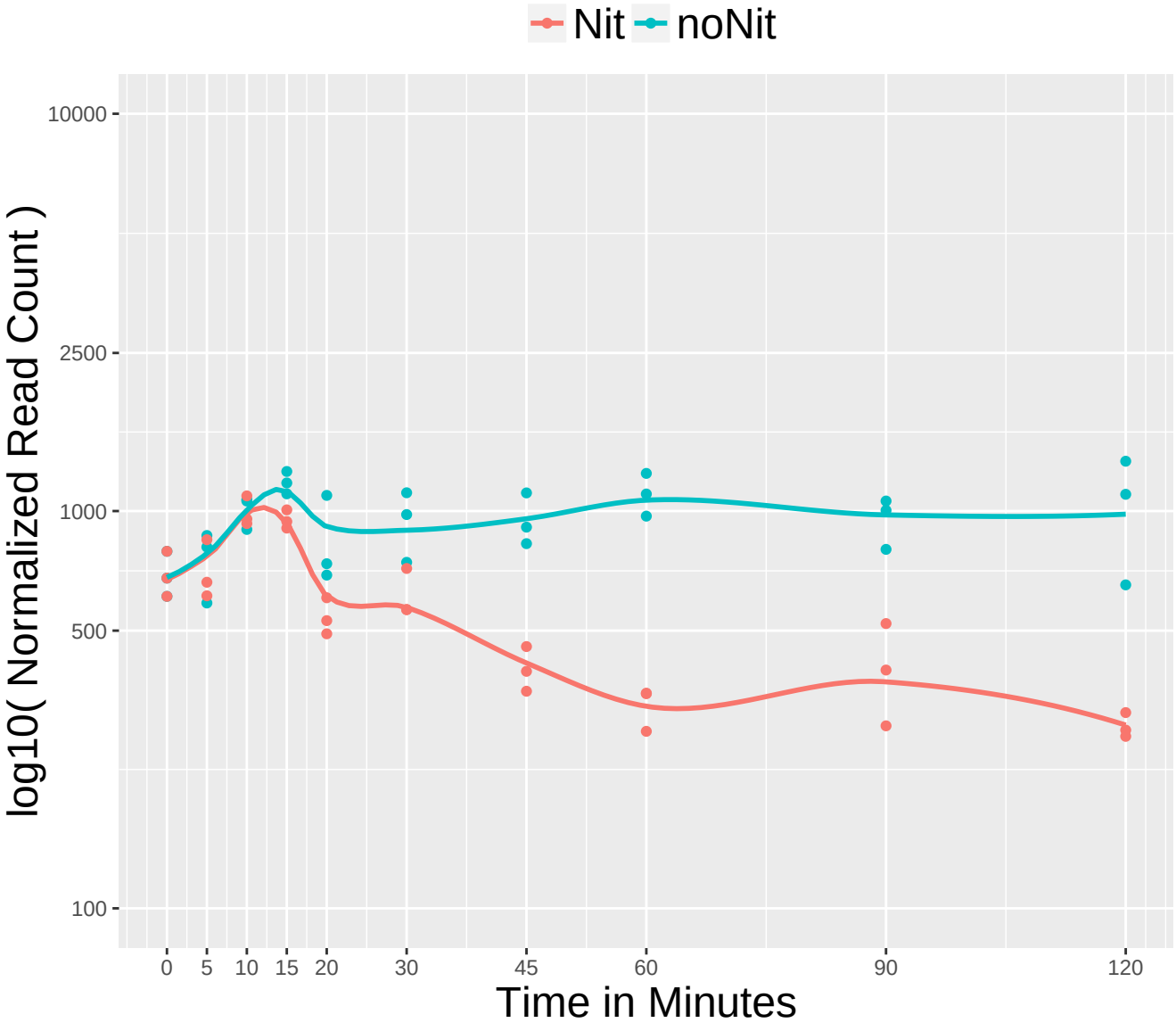

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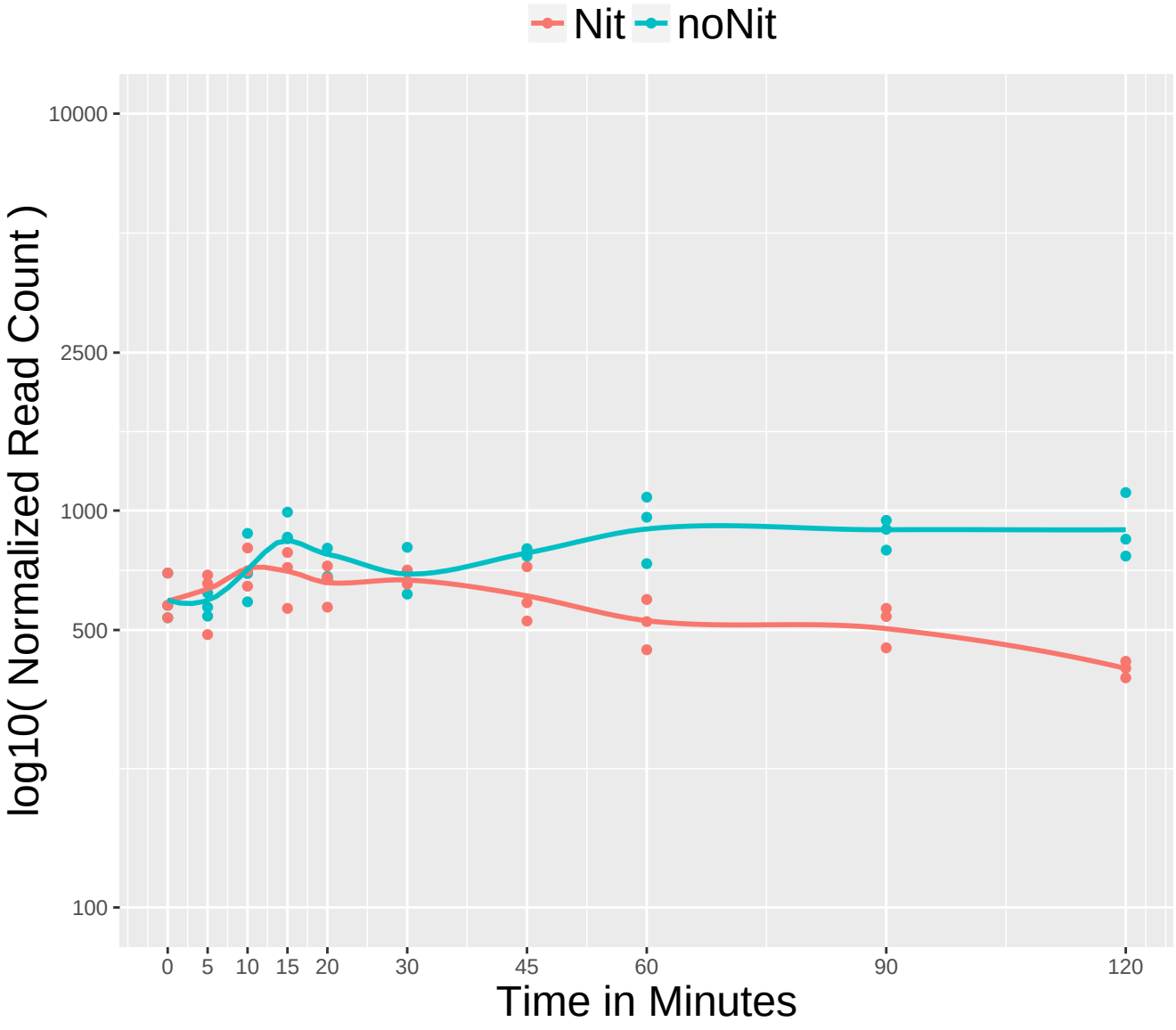

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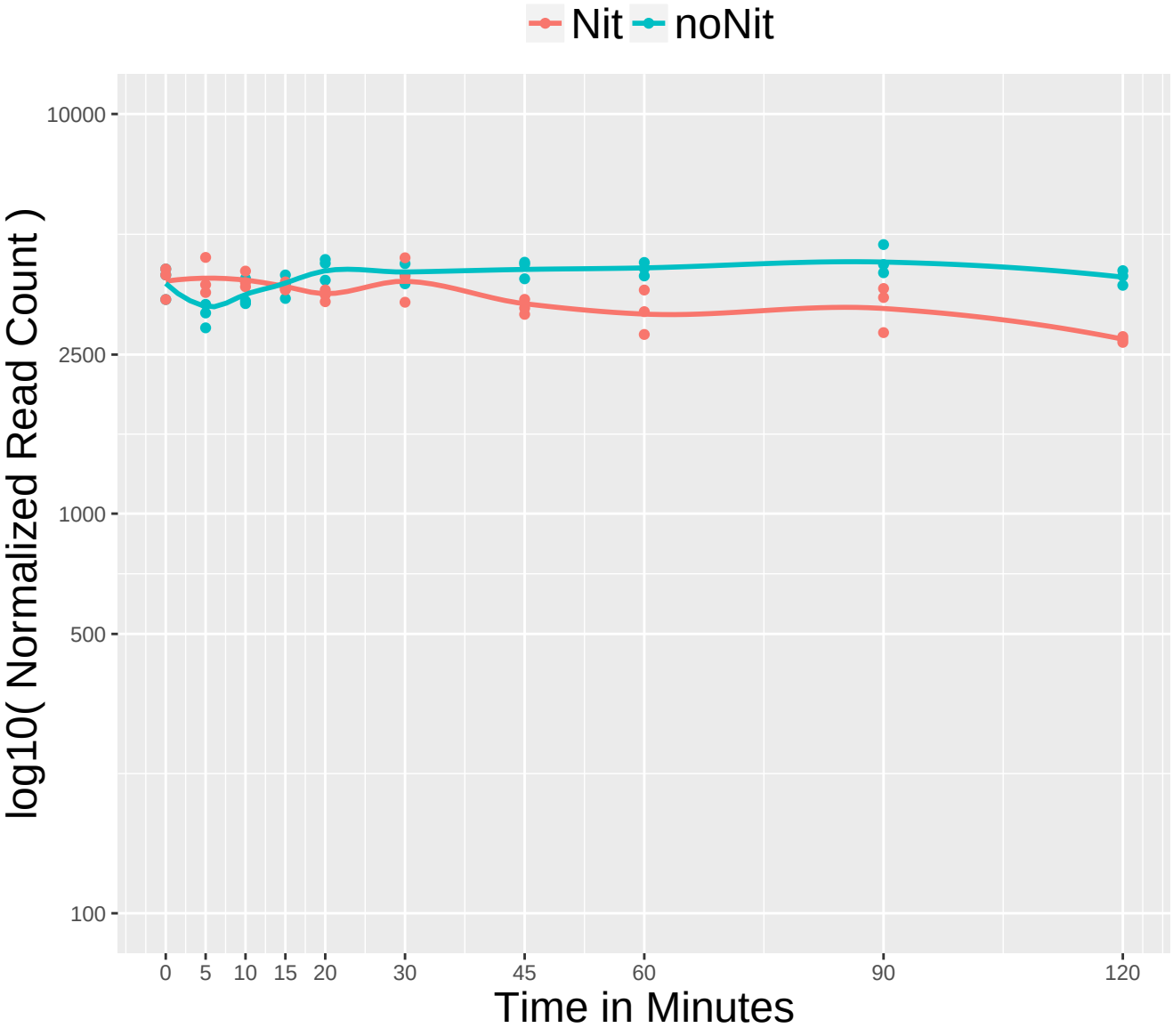
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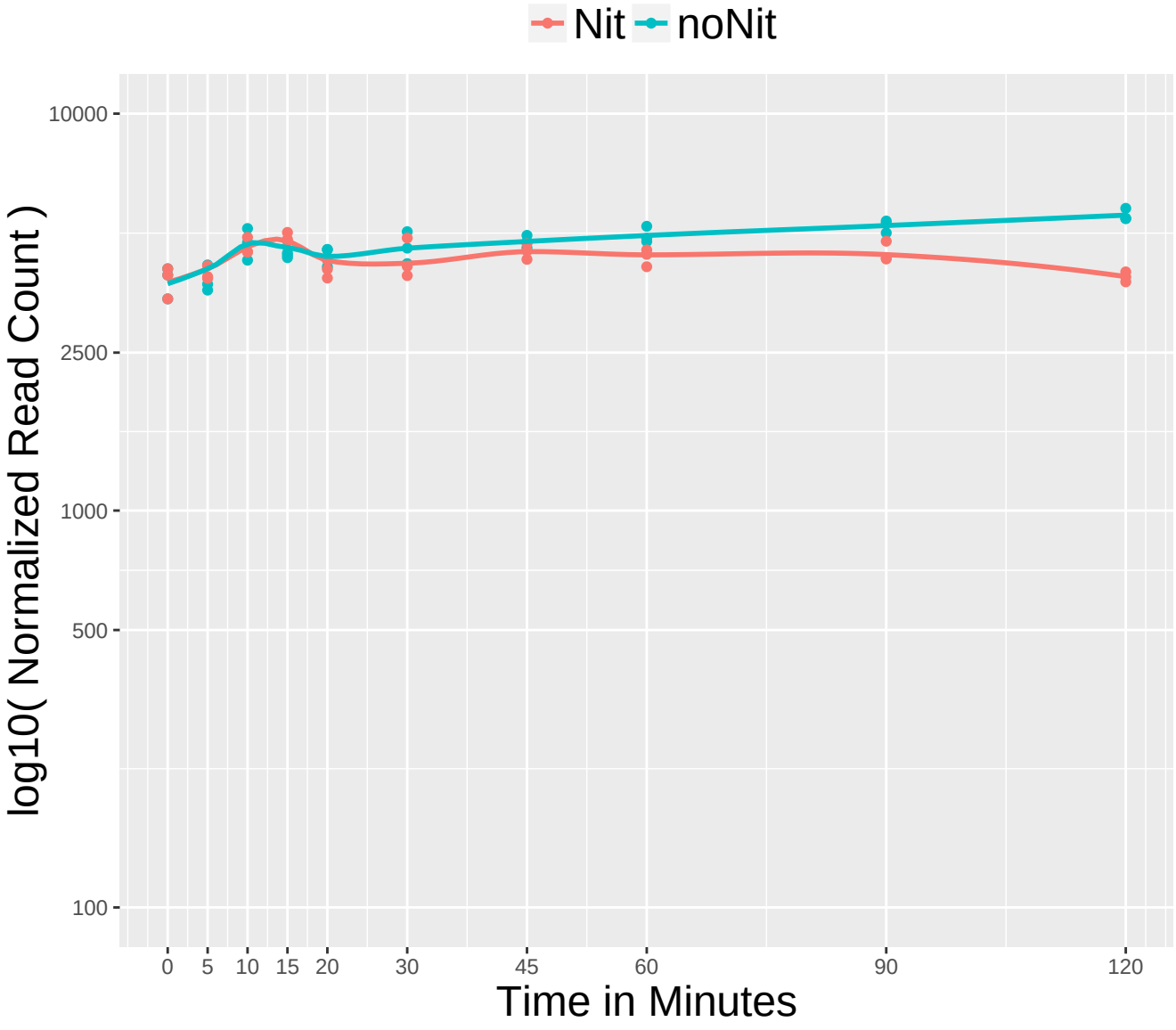

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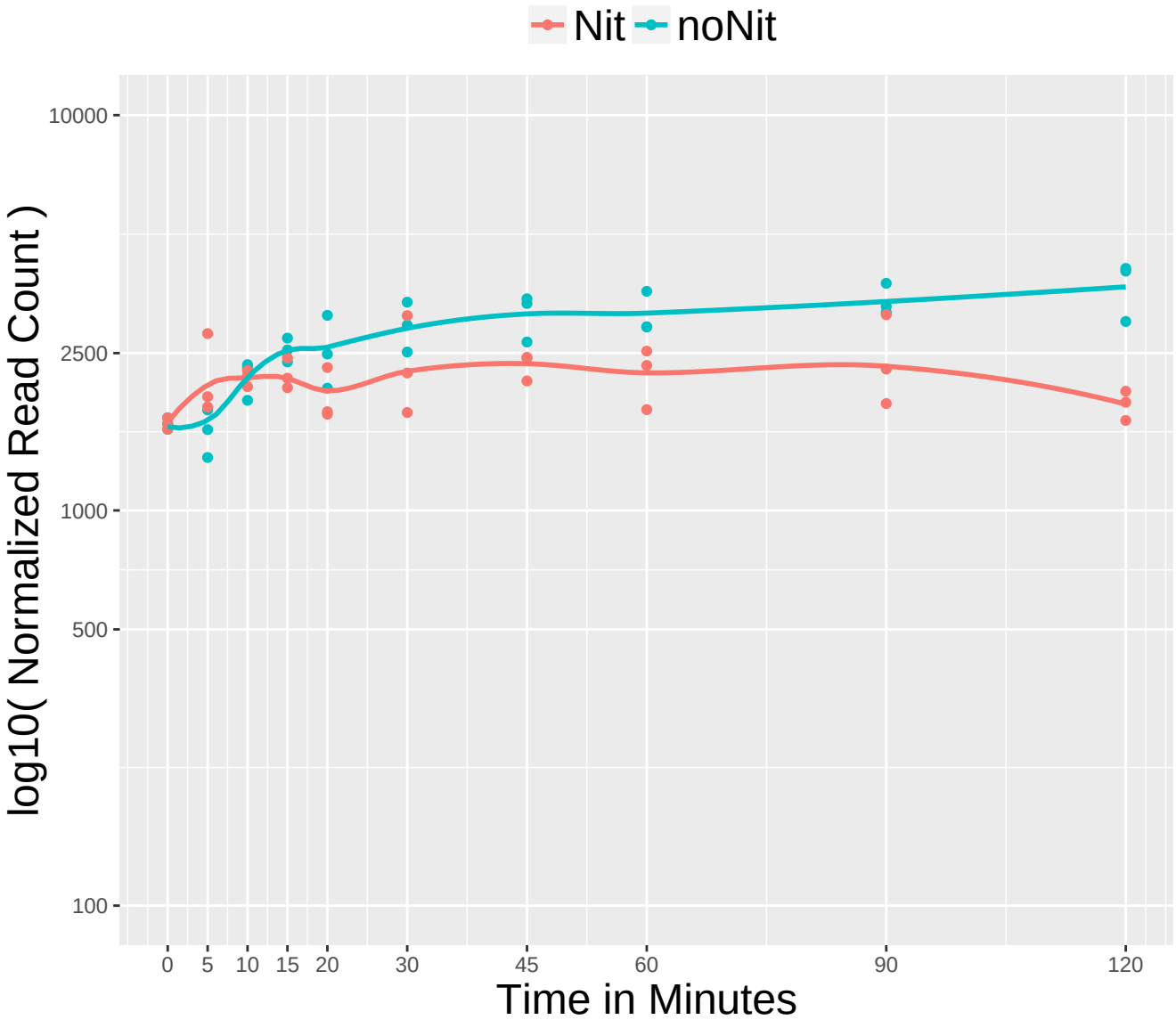

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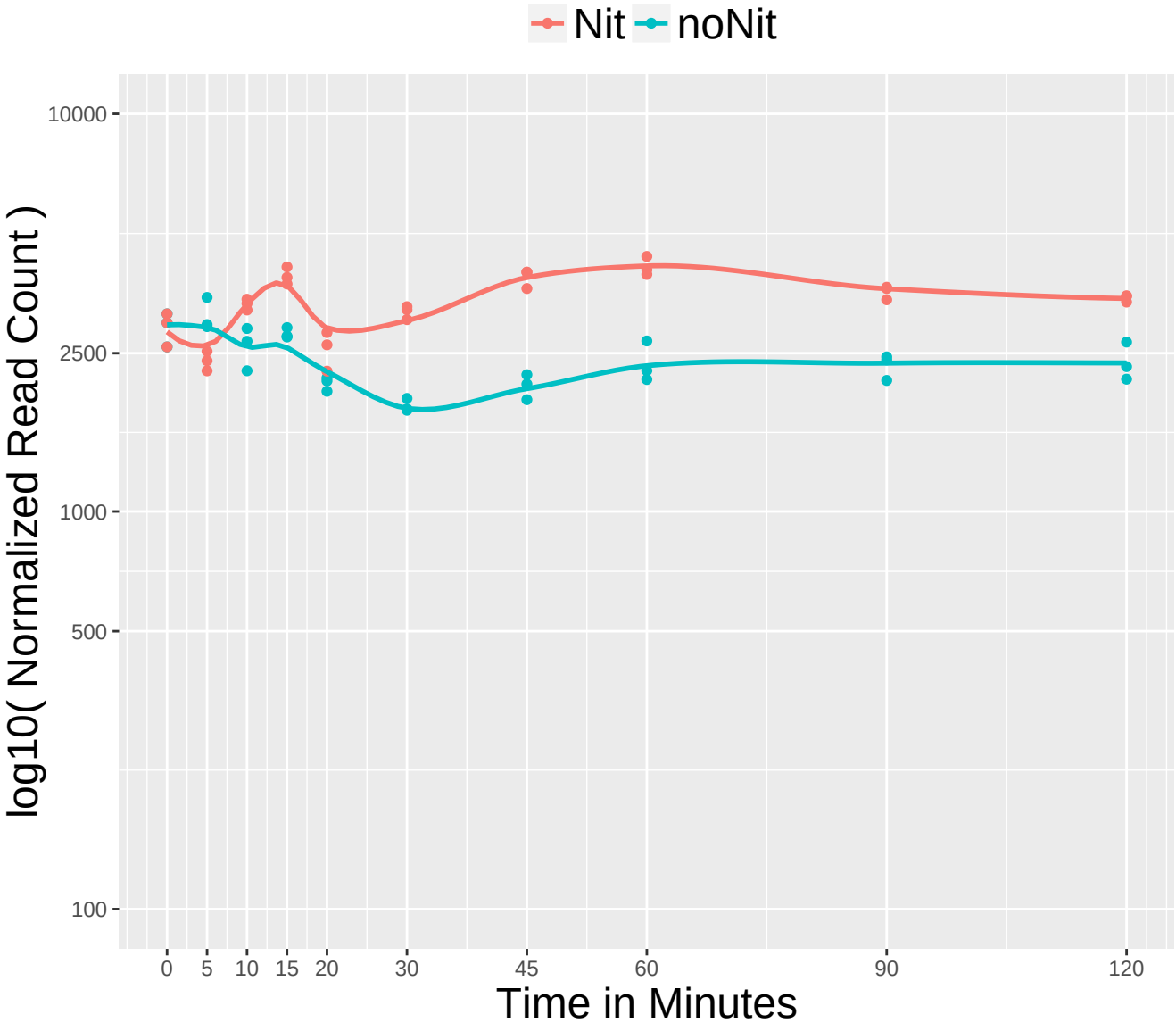

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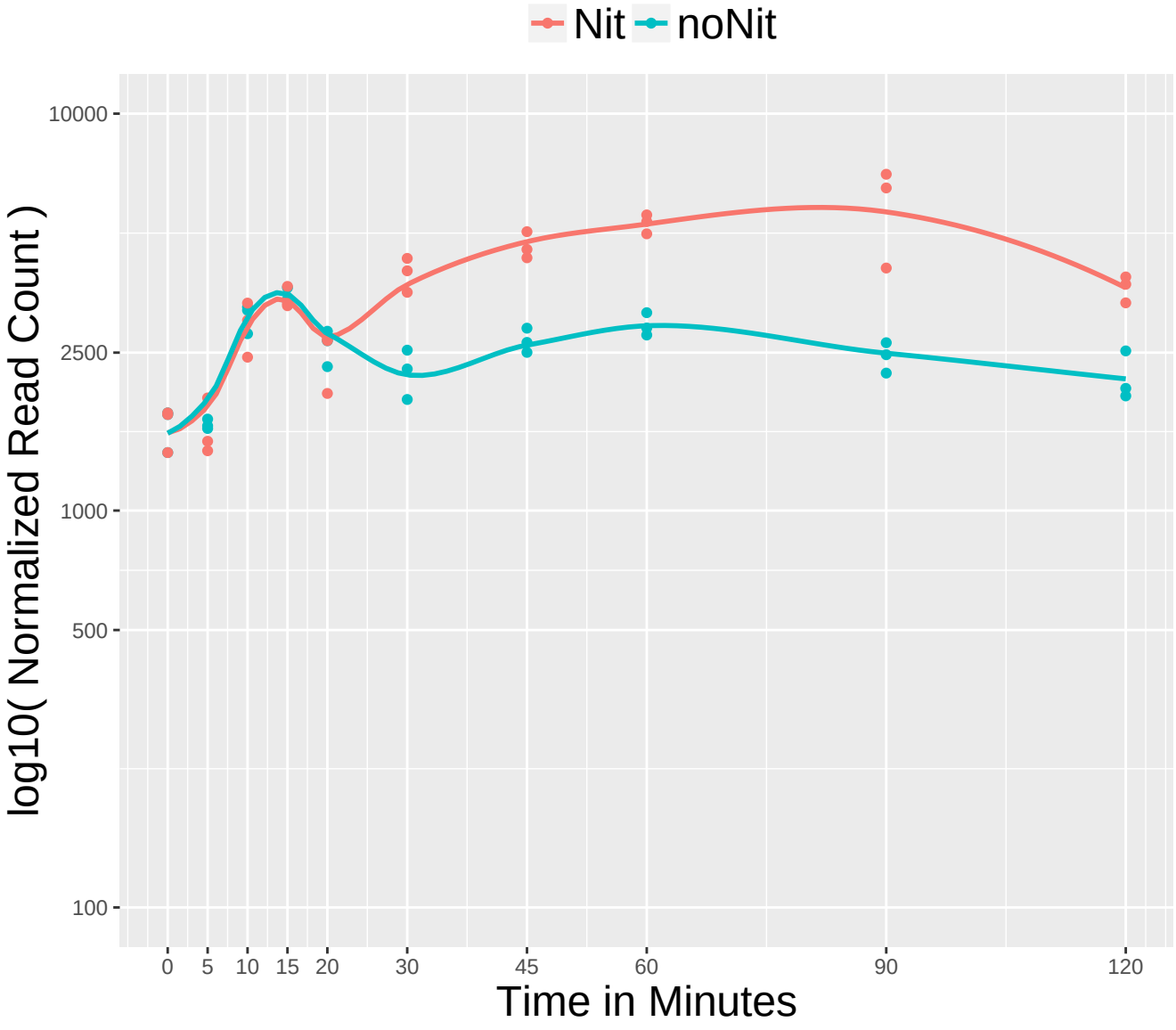

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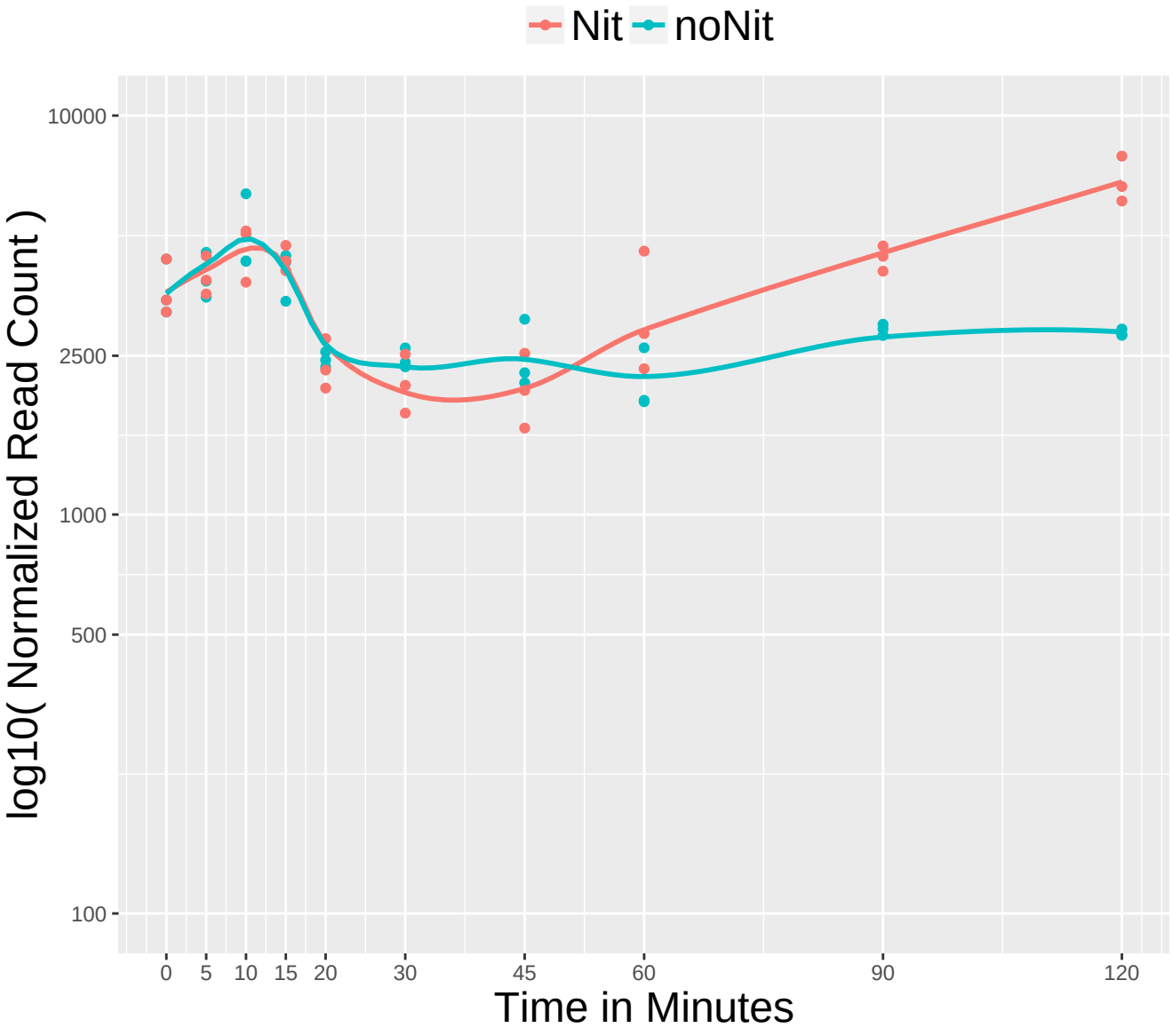
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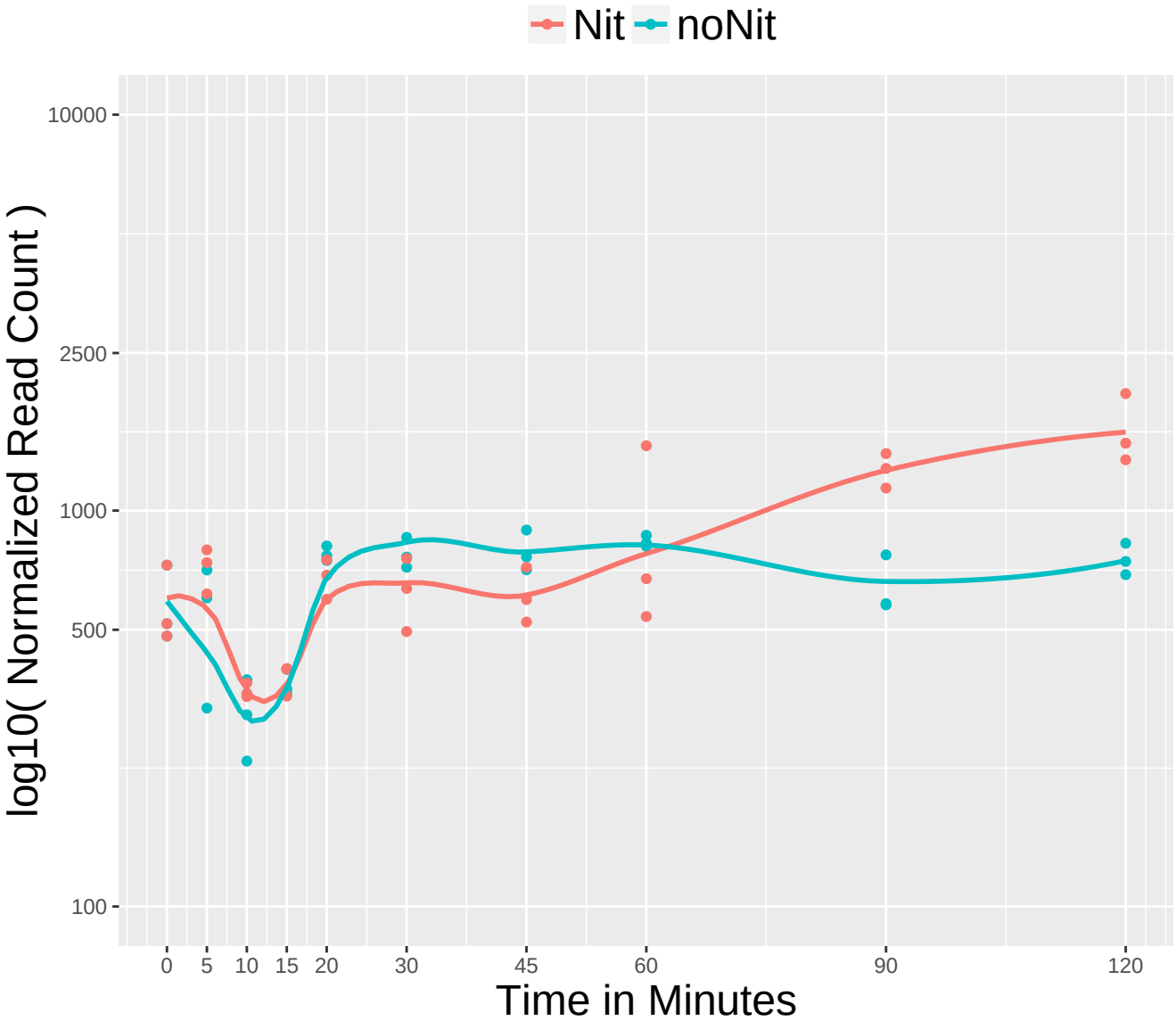
AtSOT1,,AtSOT12,sulphotransferase



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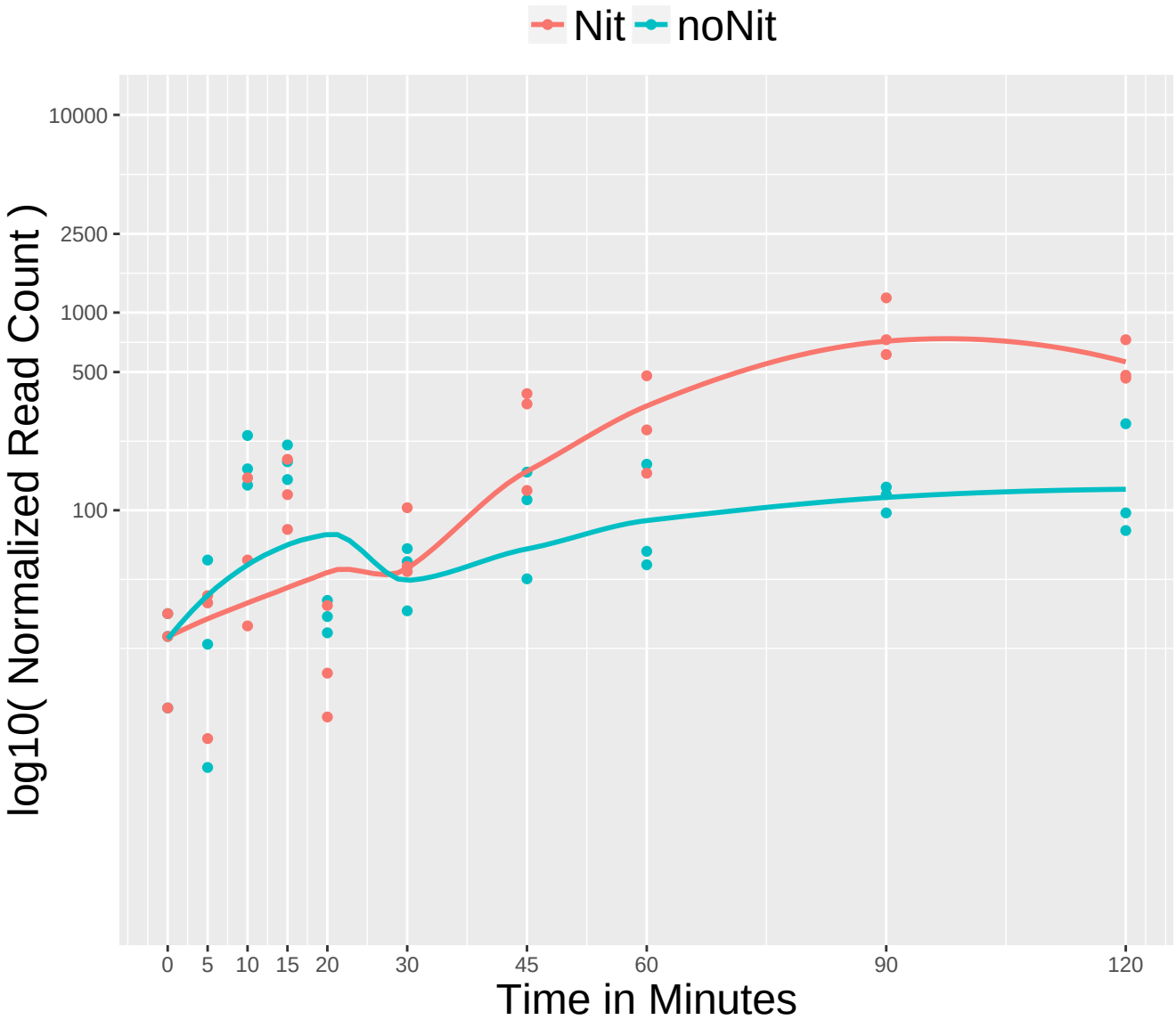

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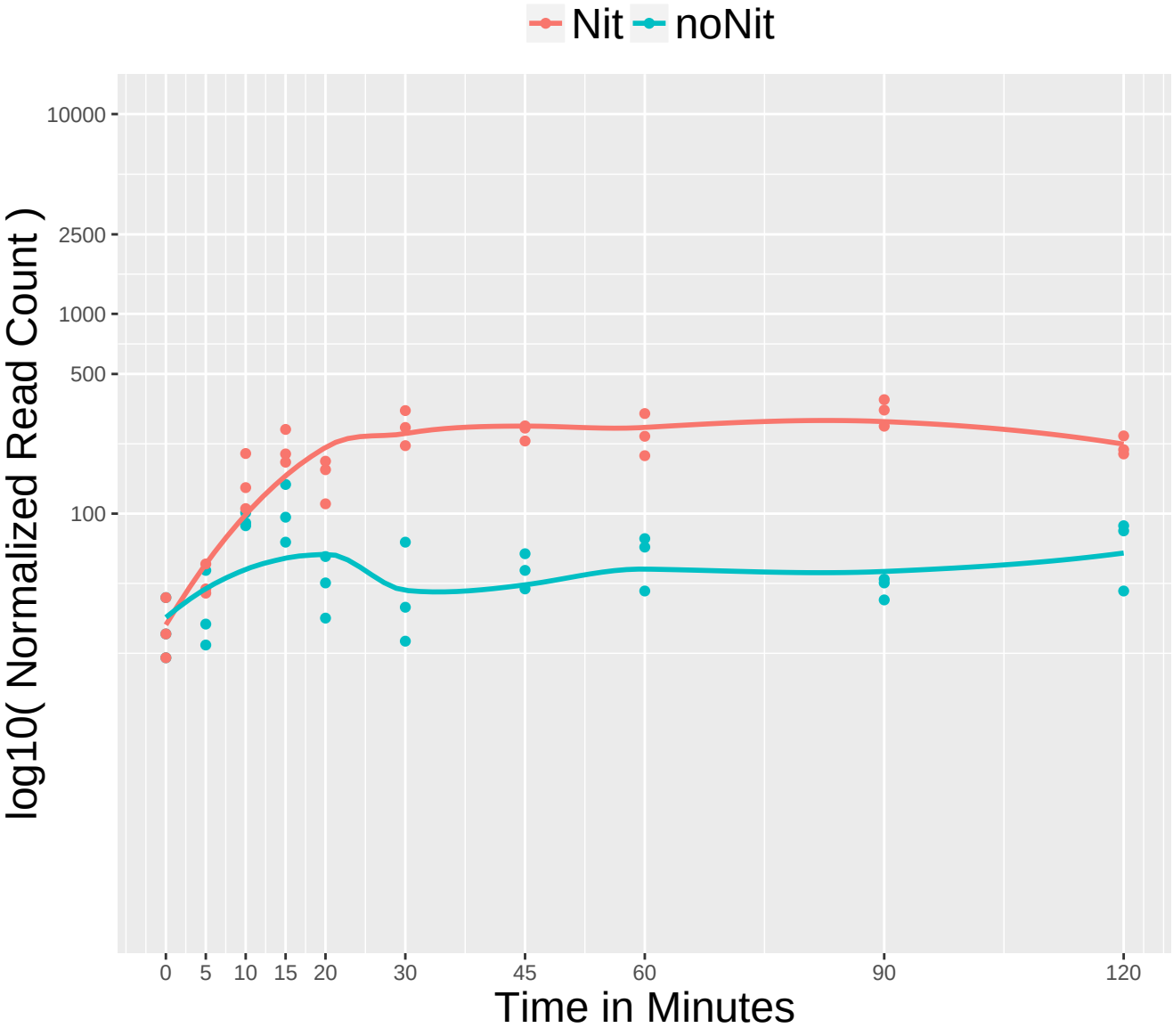

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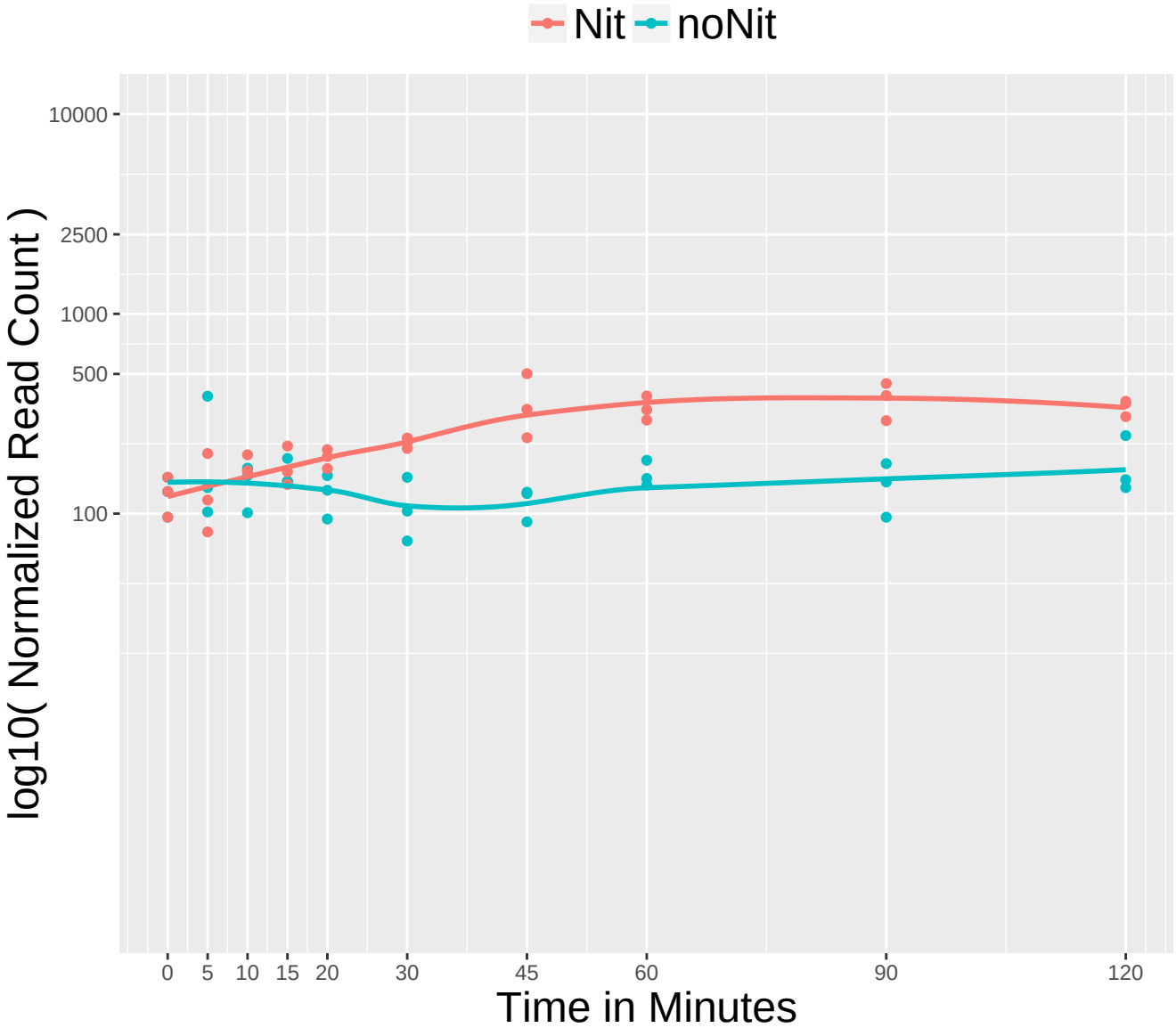

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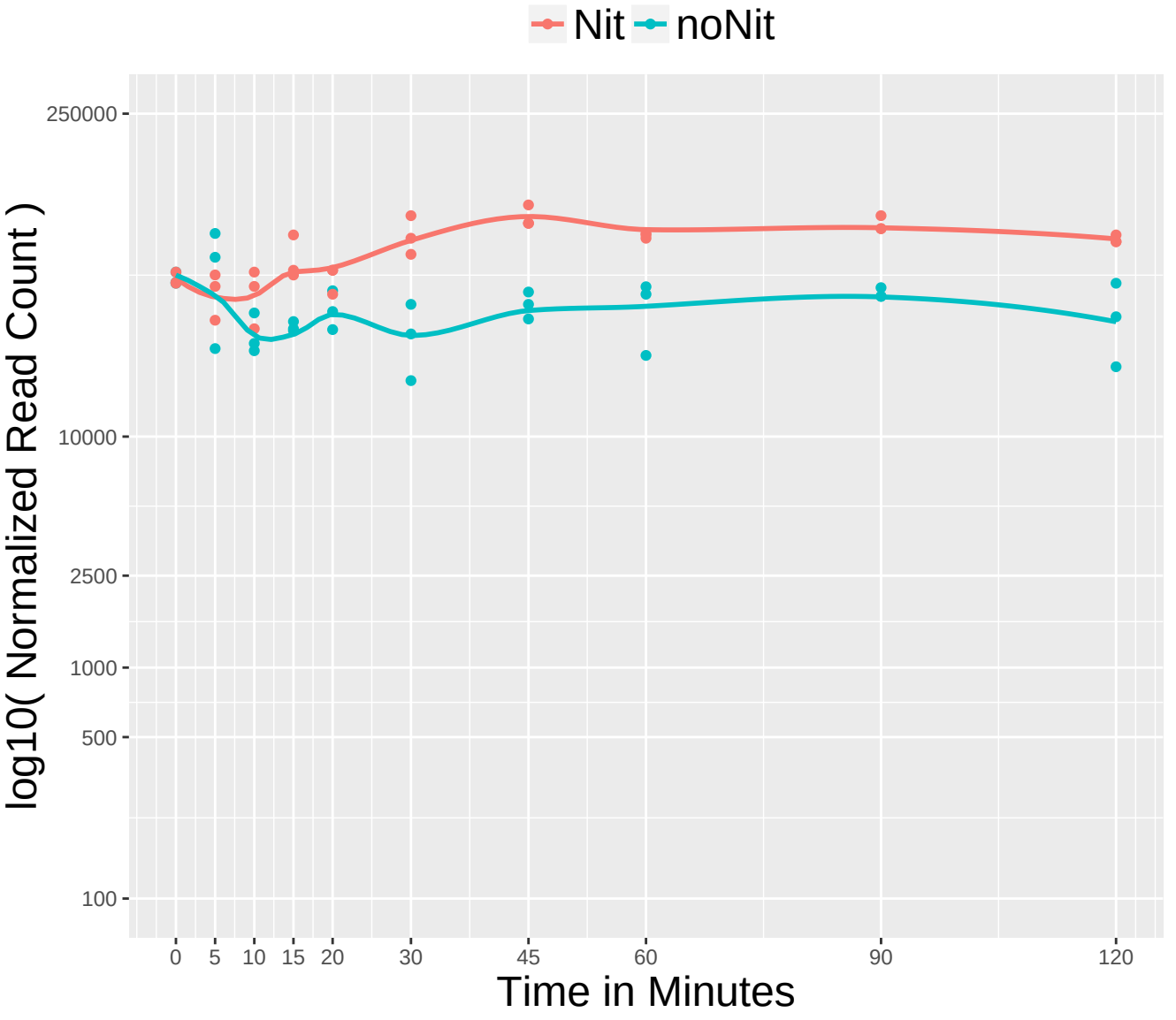
P−loop



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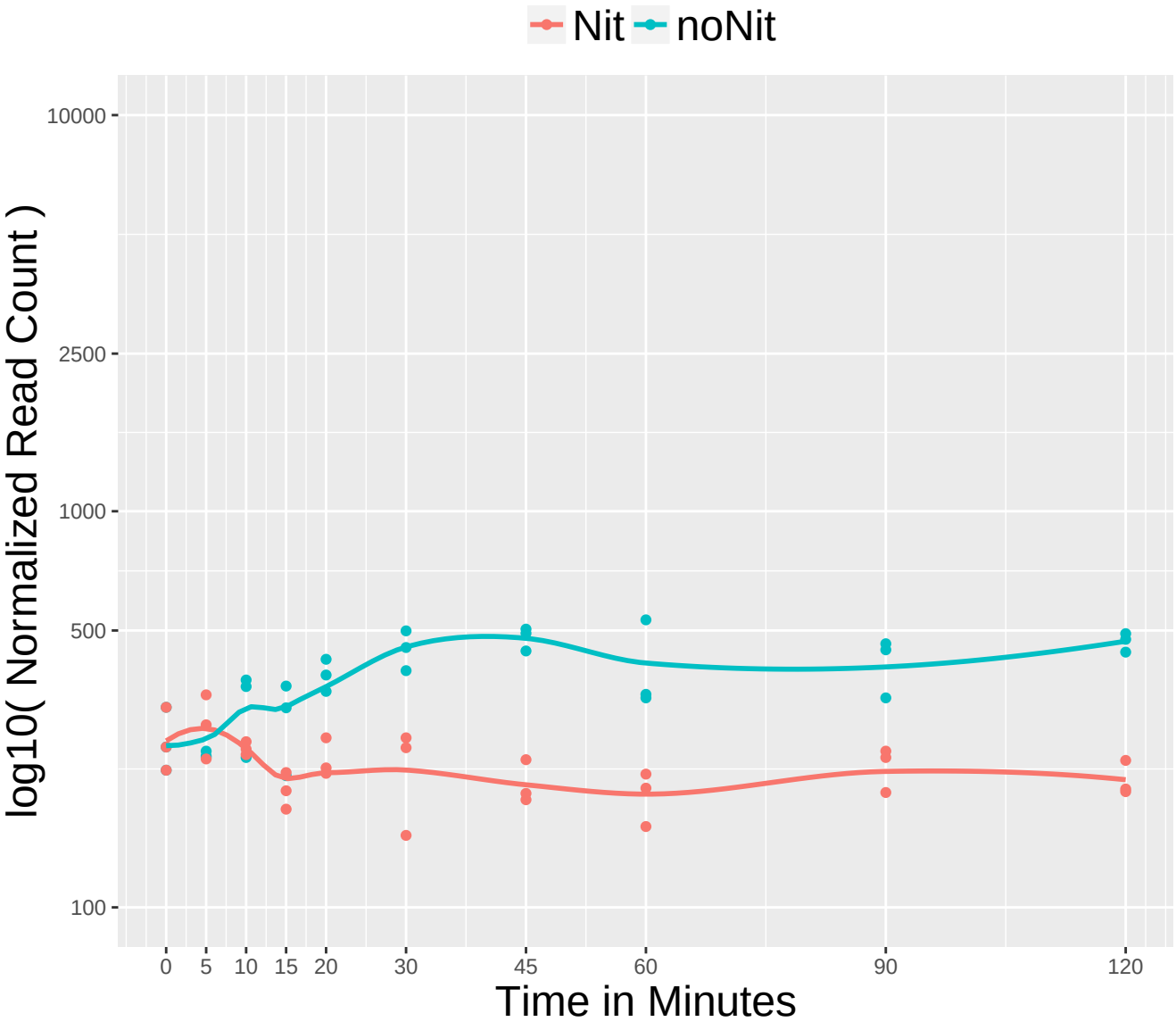

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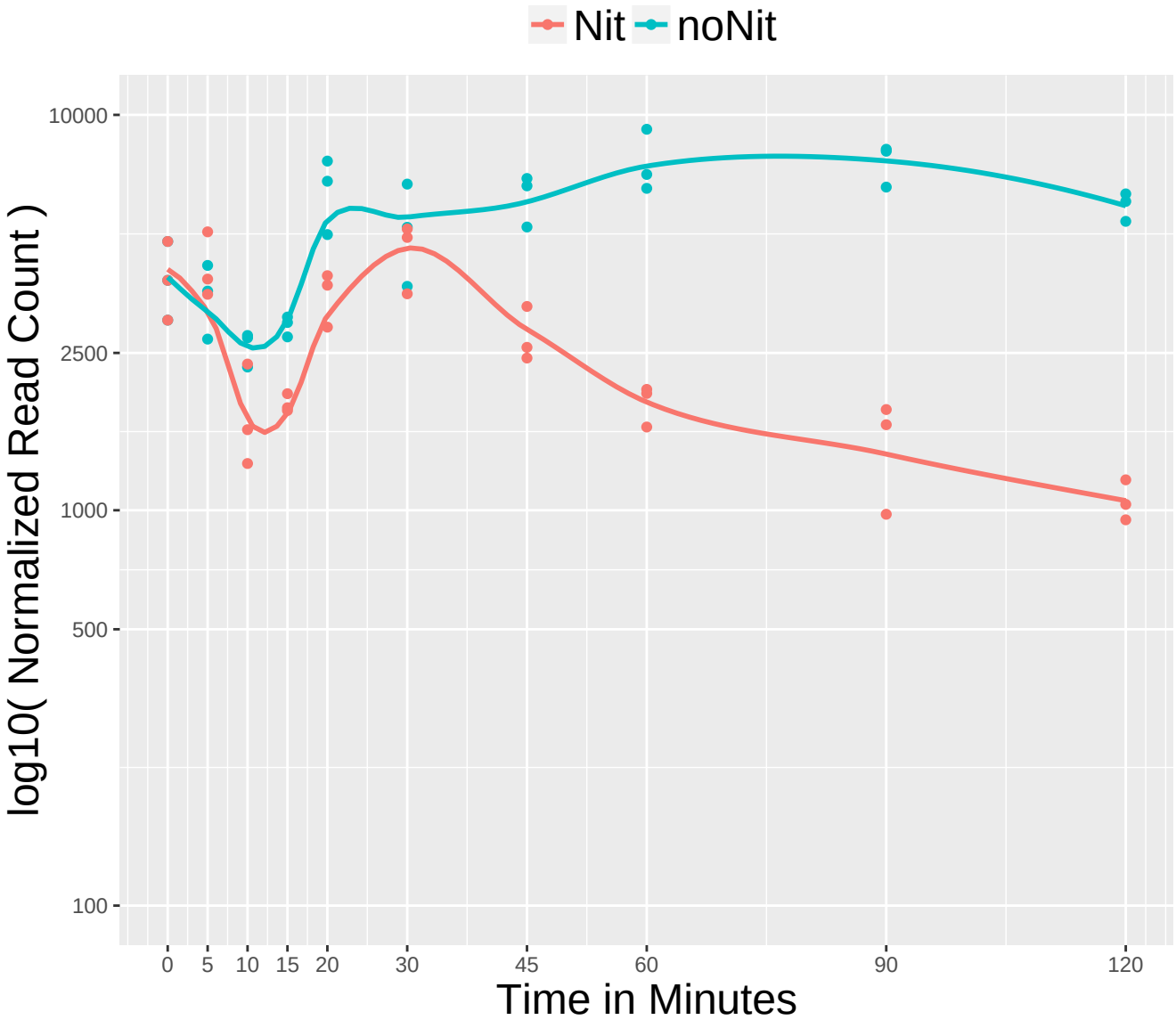

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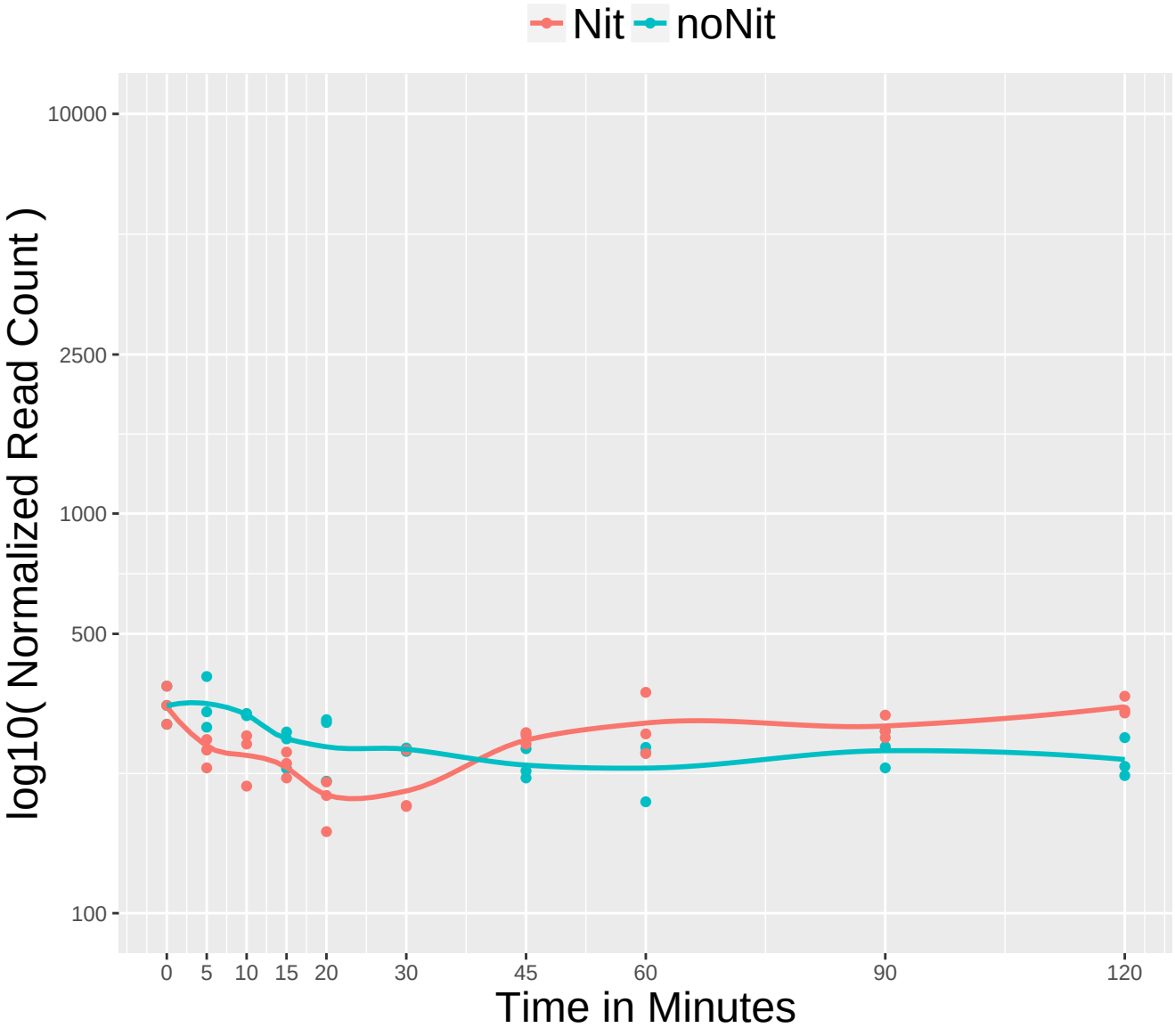

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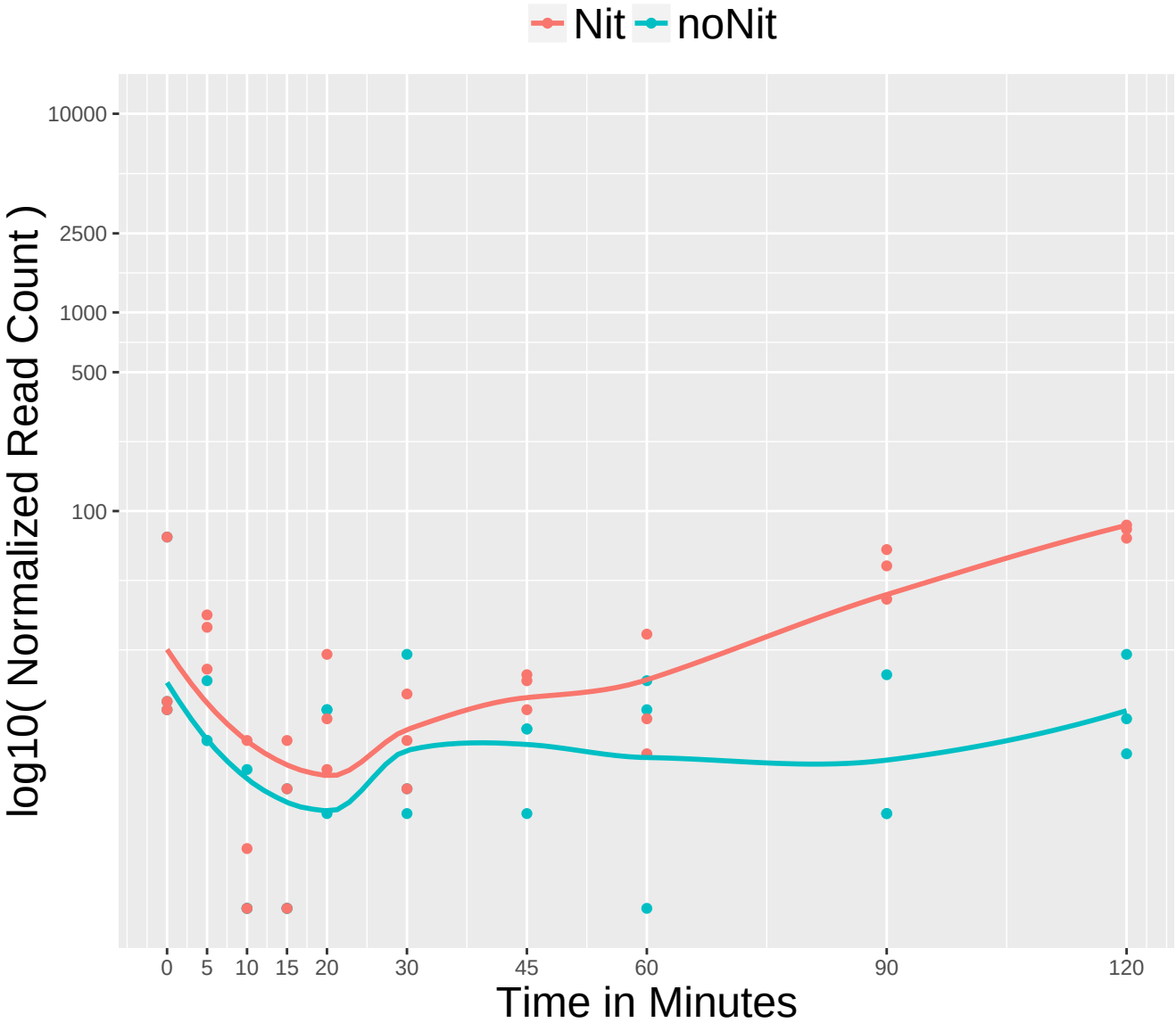

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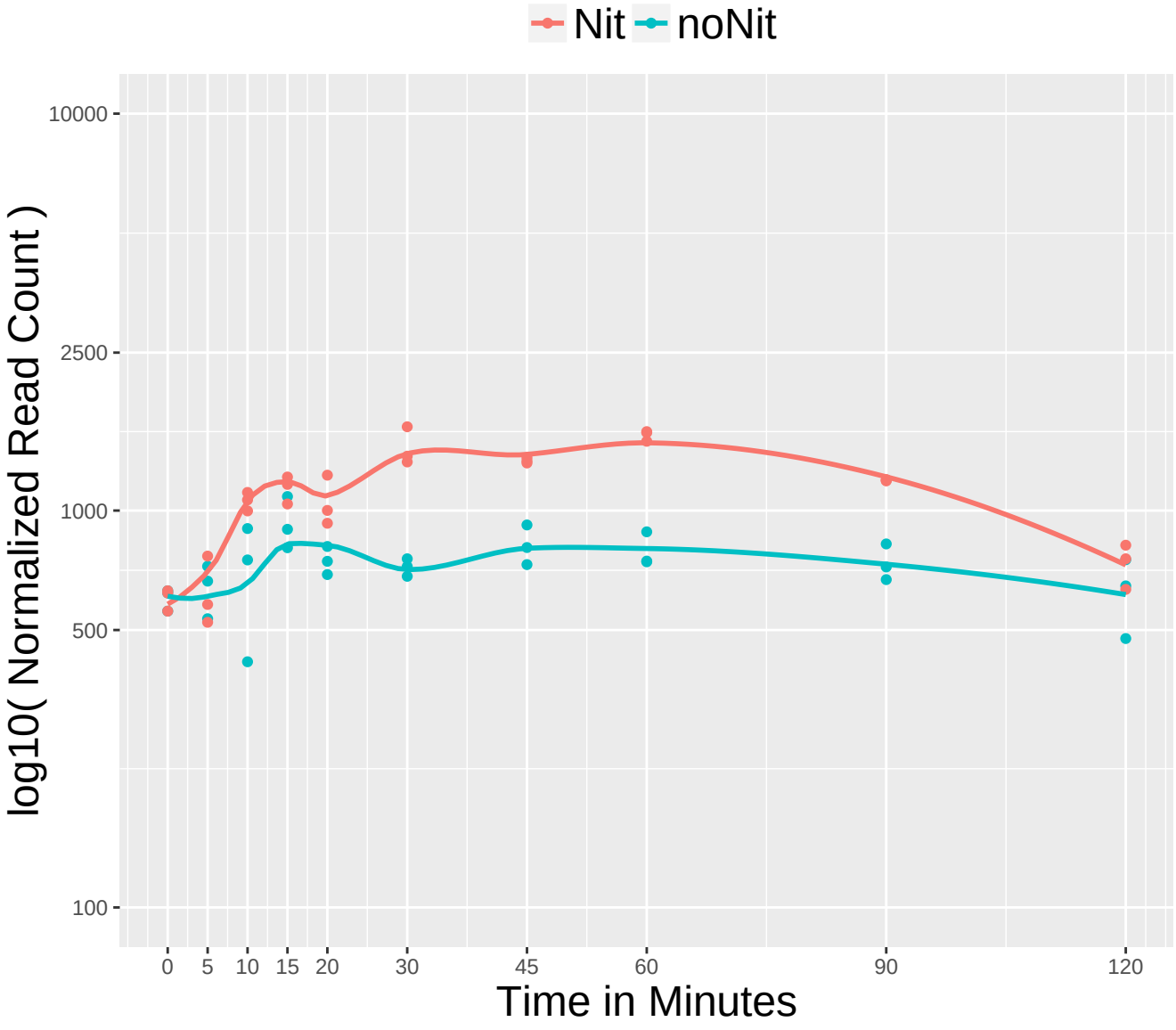

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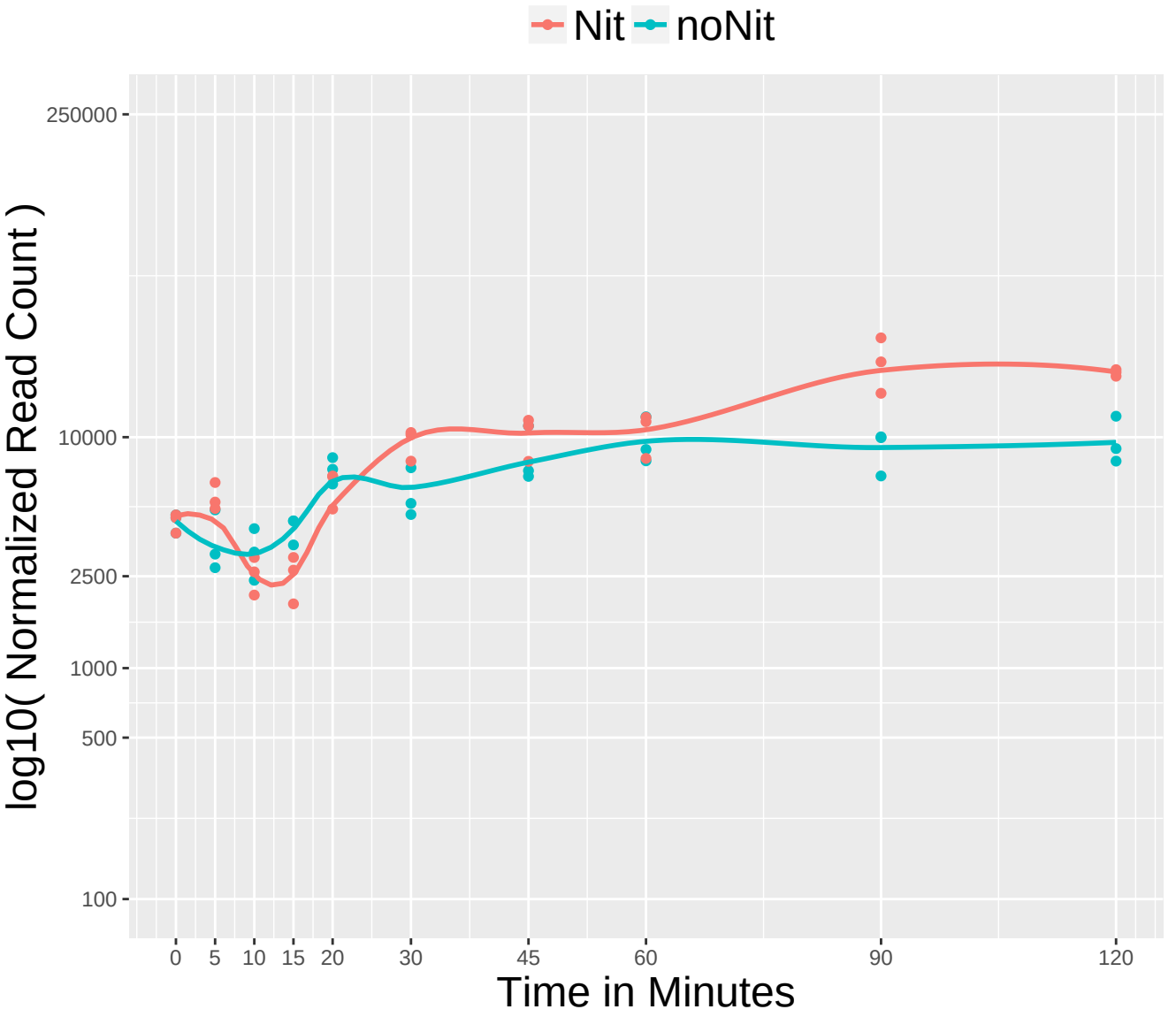
2−oxoglutarate



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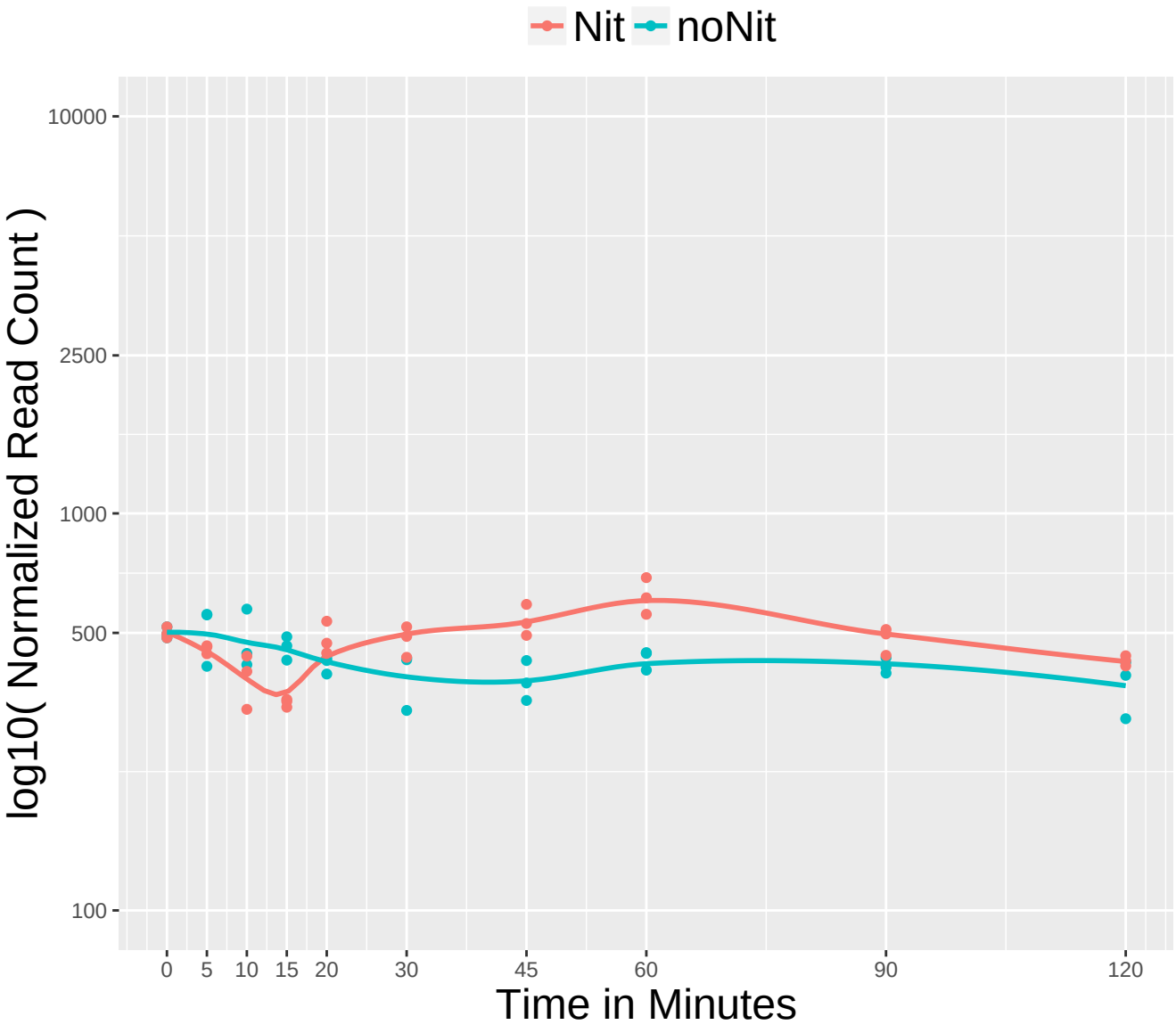

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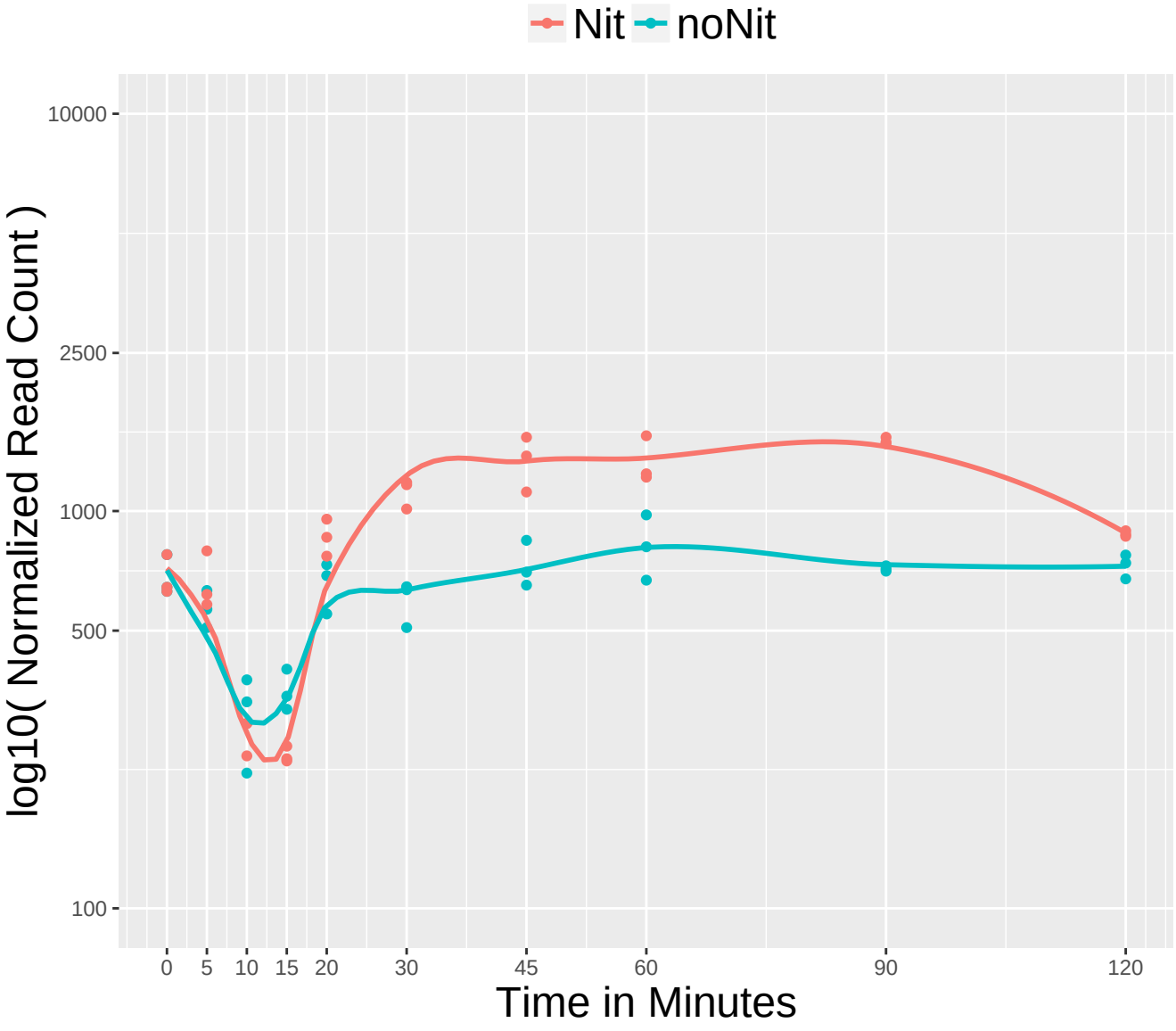

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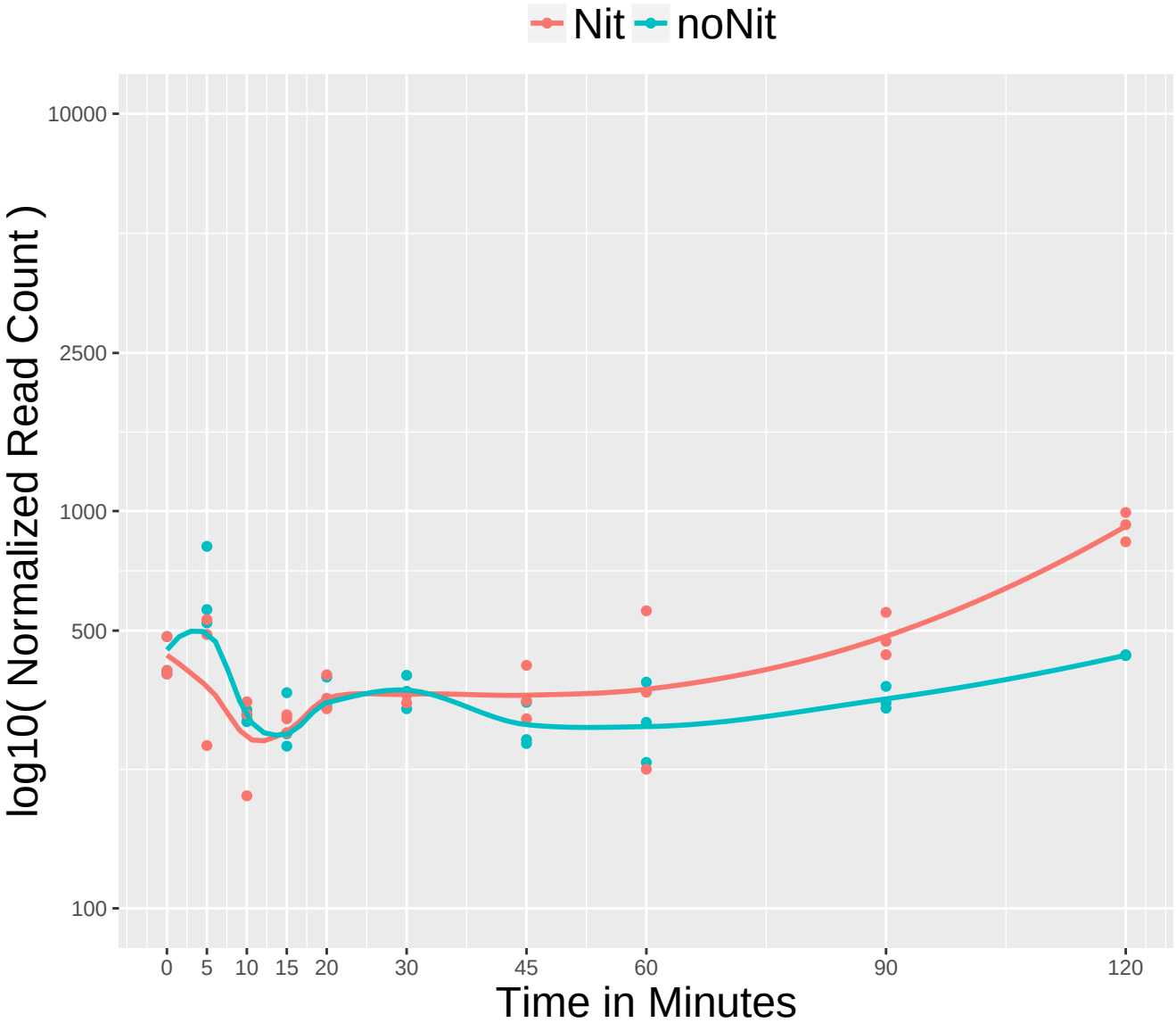

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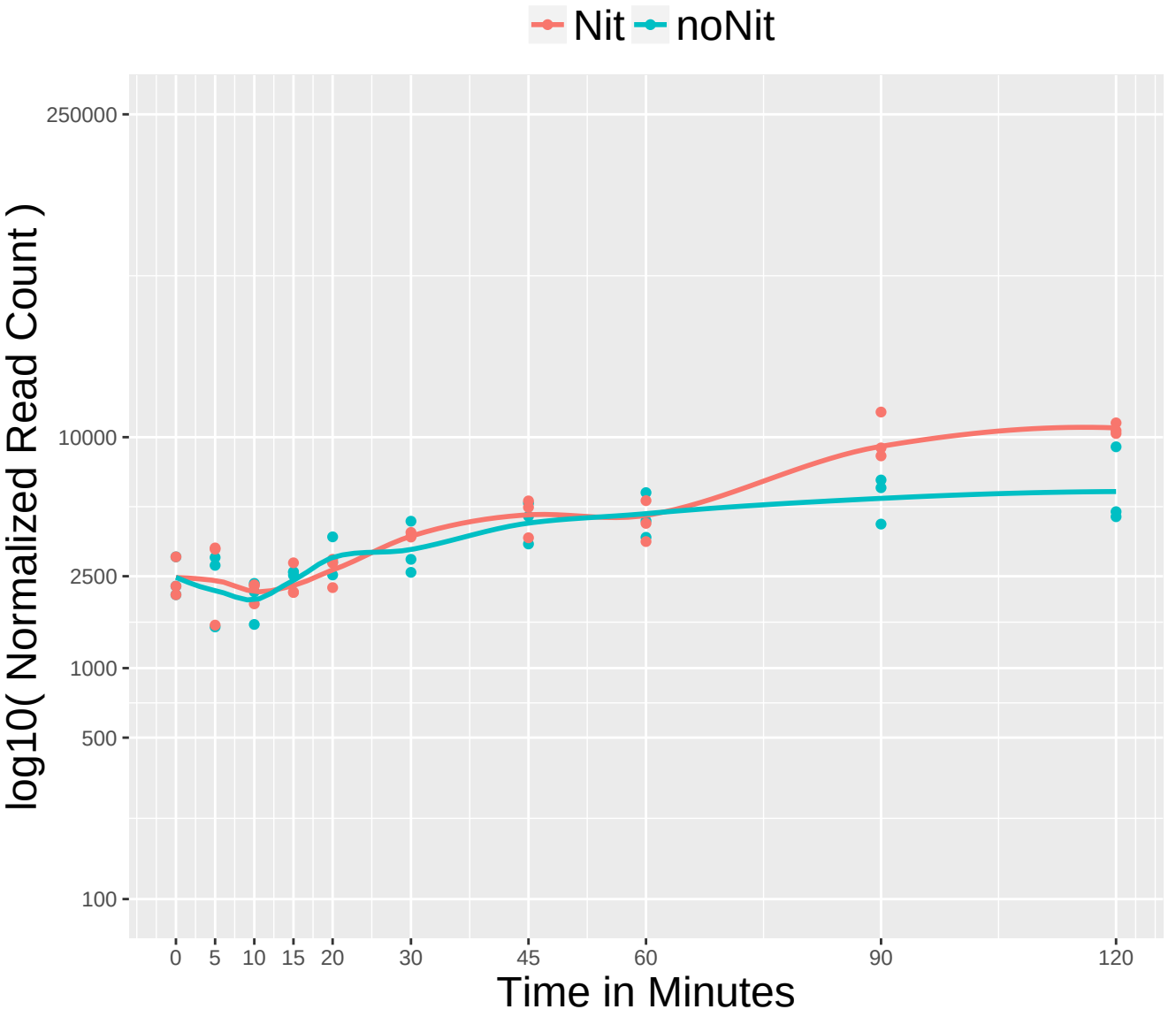

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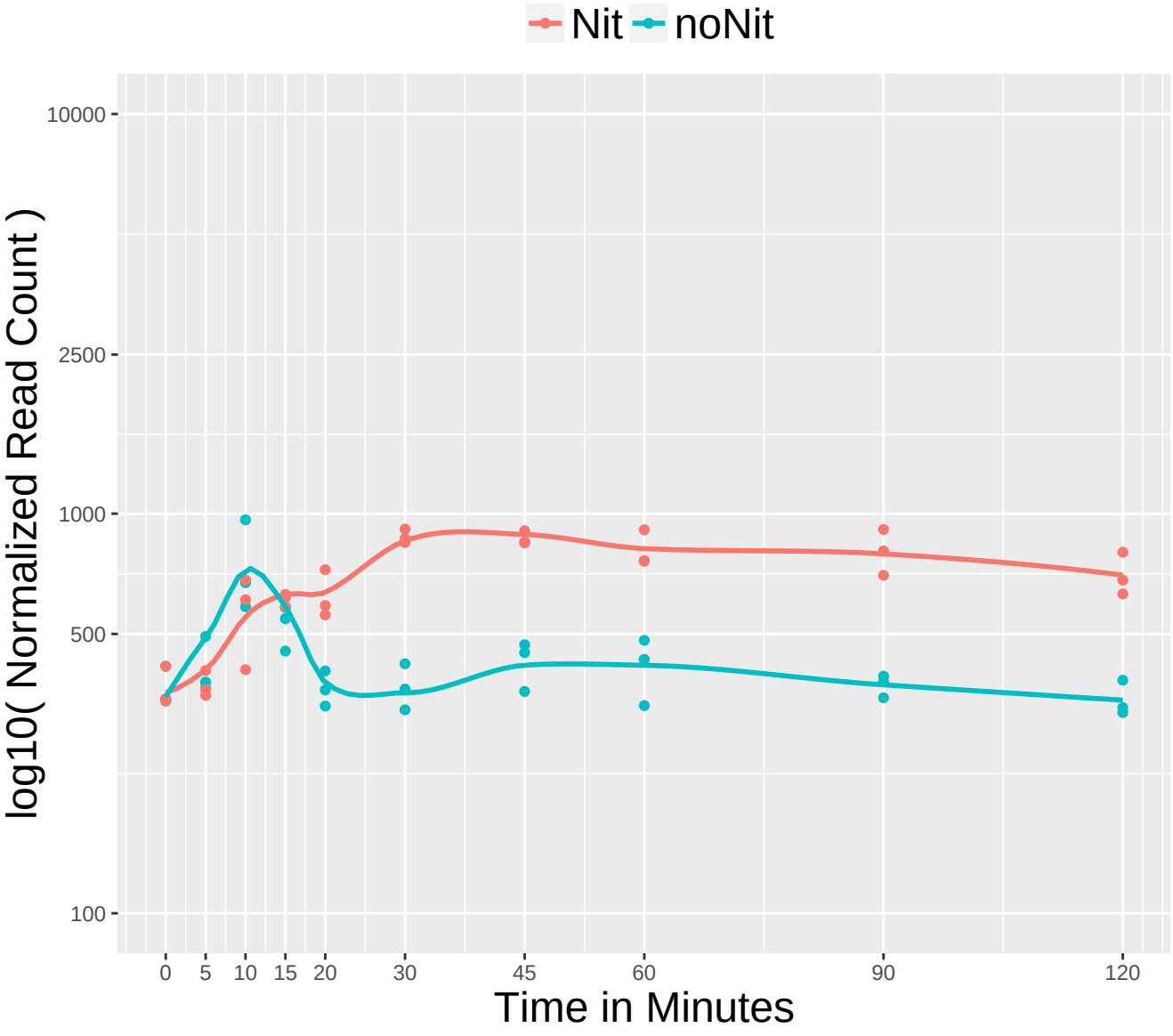
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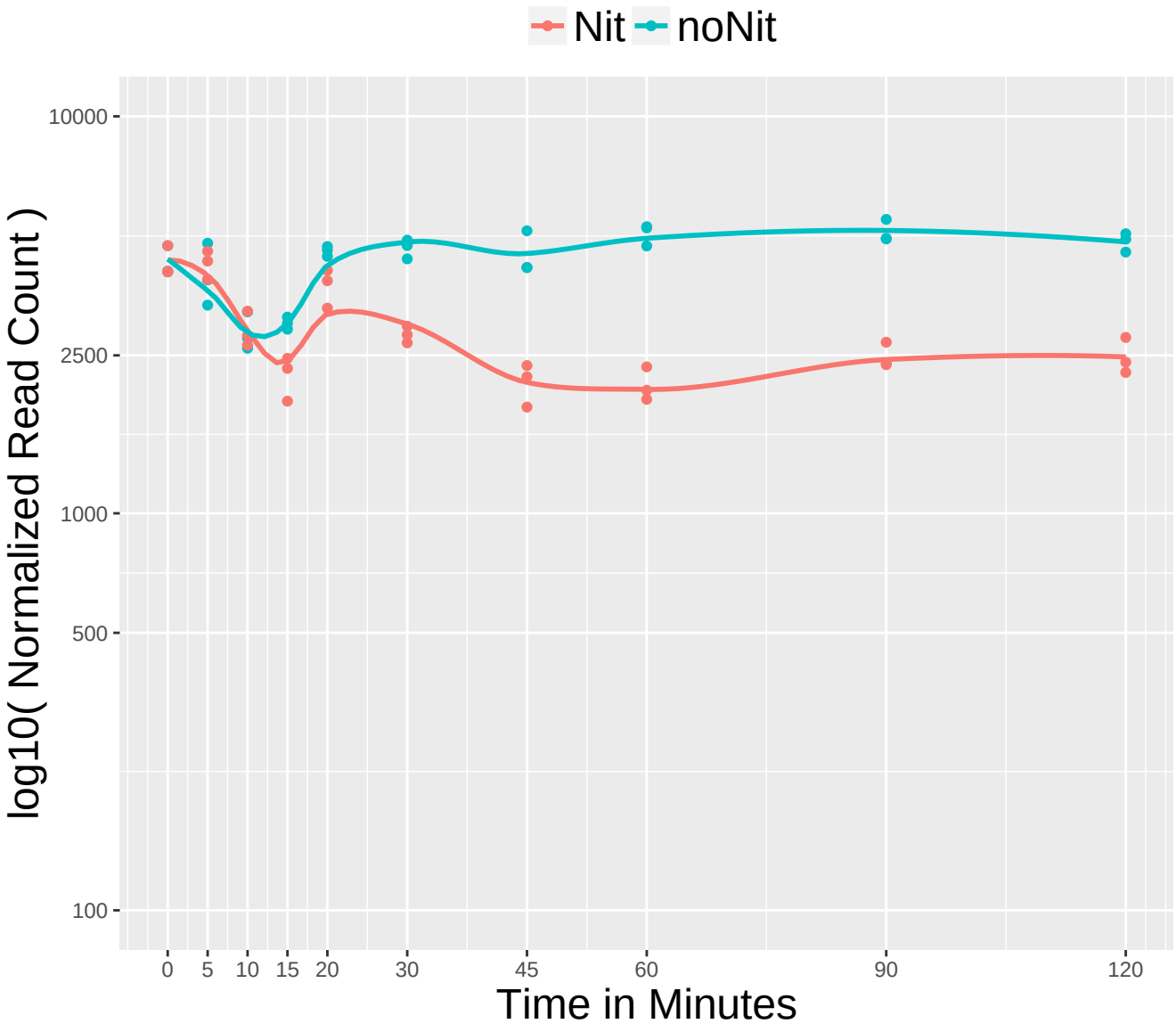

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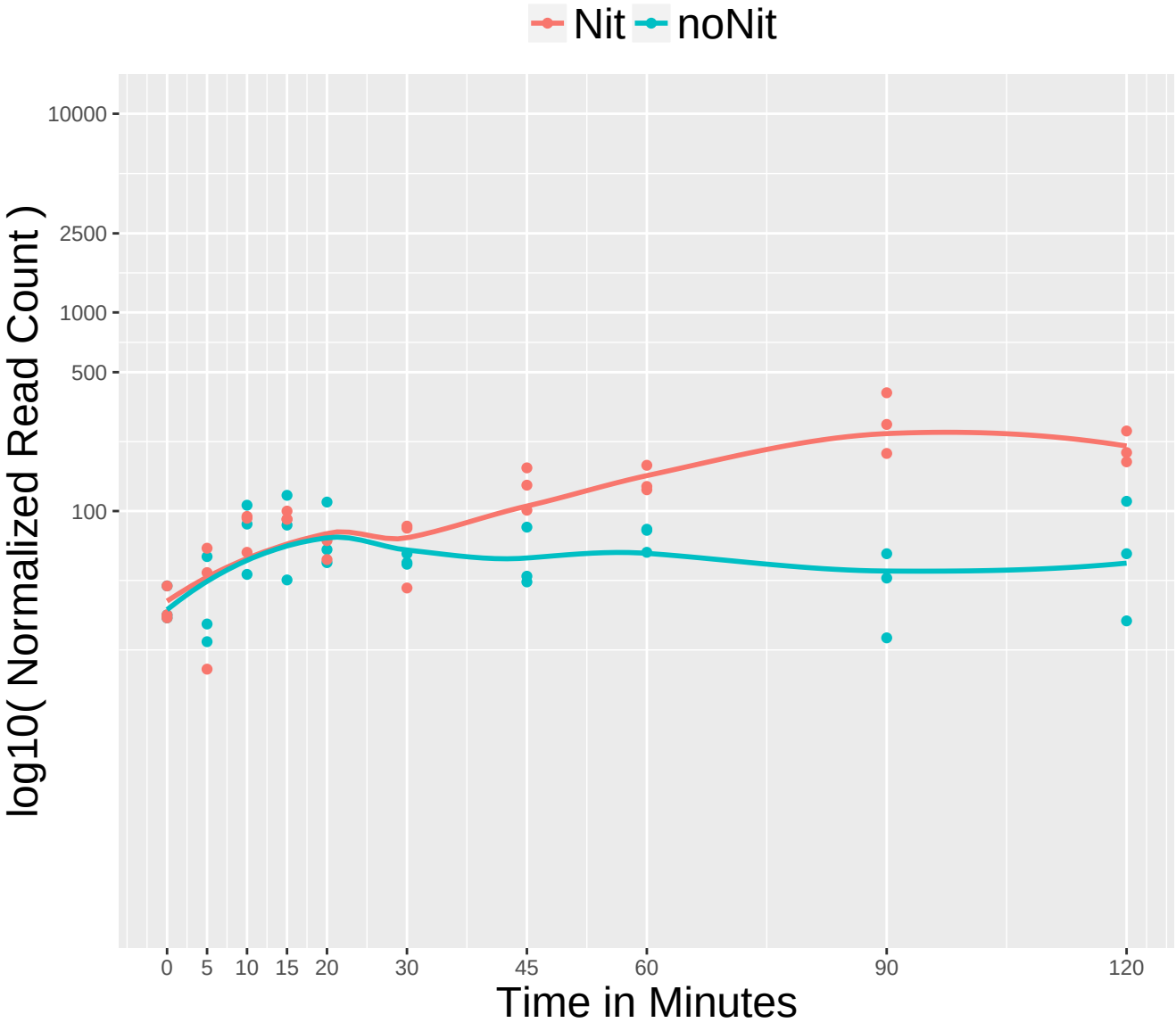
SULTR1;3,sulfate



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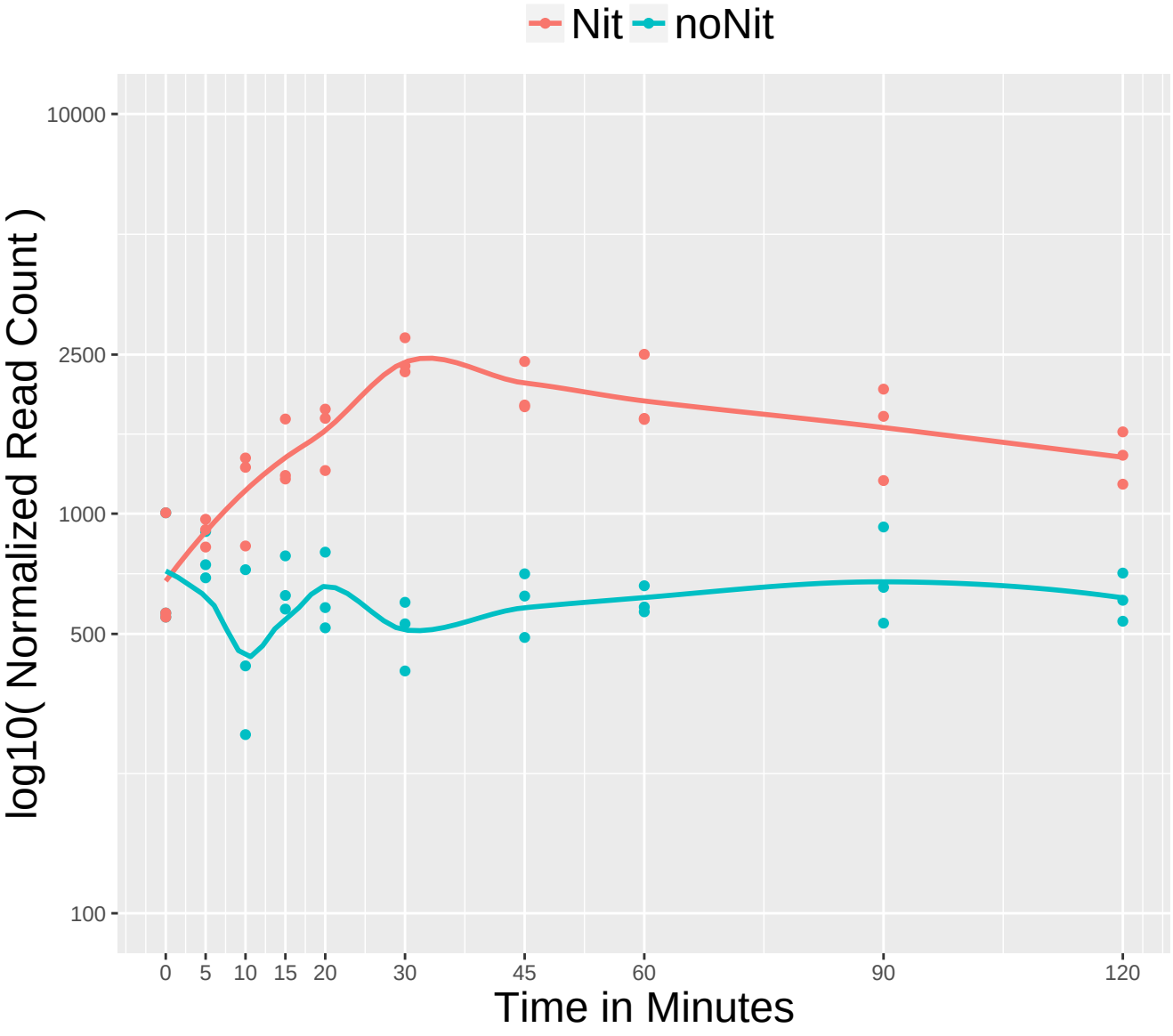
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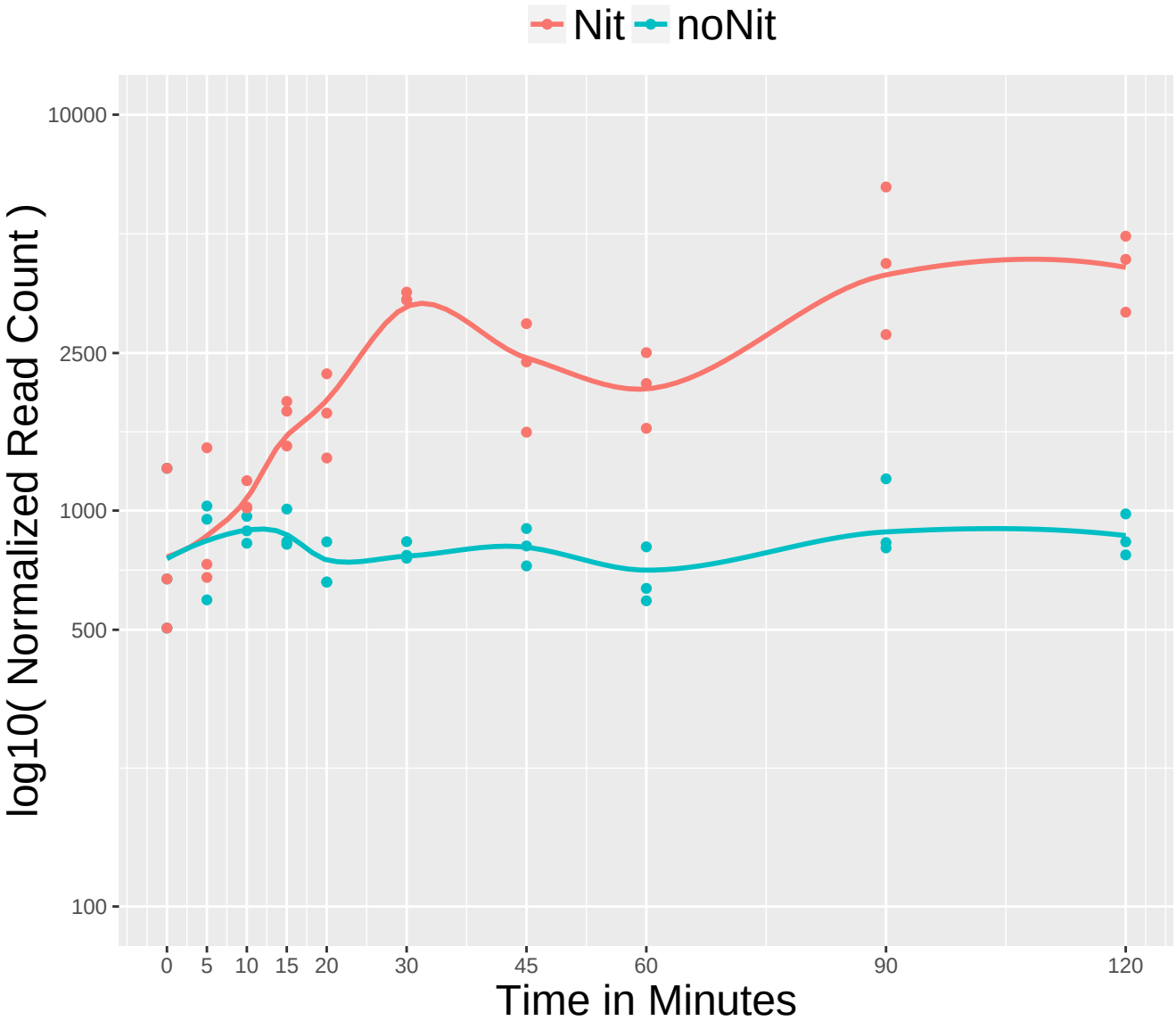
ATTPS8,,ATTPSC,,TPS8,trehalose−6−phosphatase



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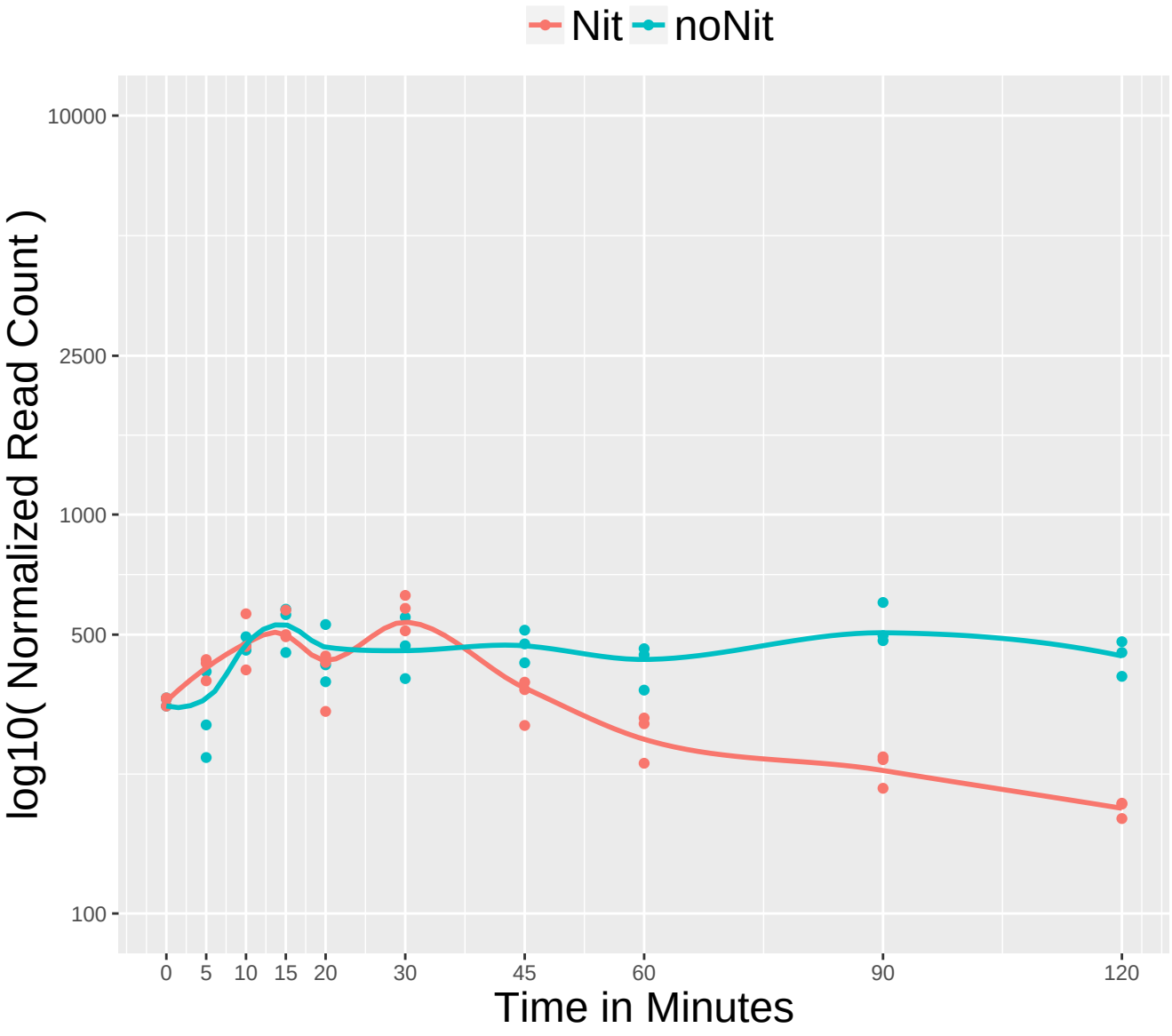
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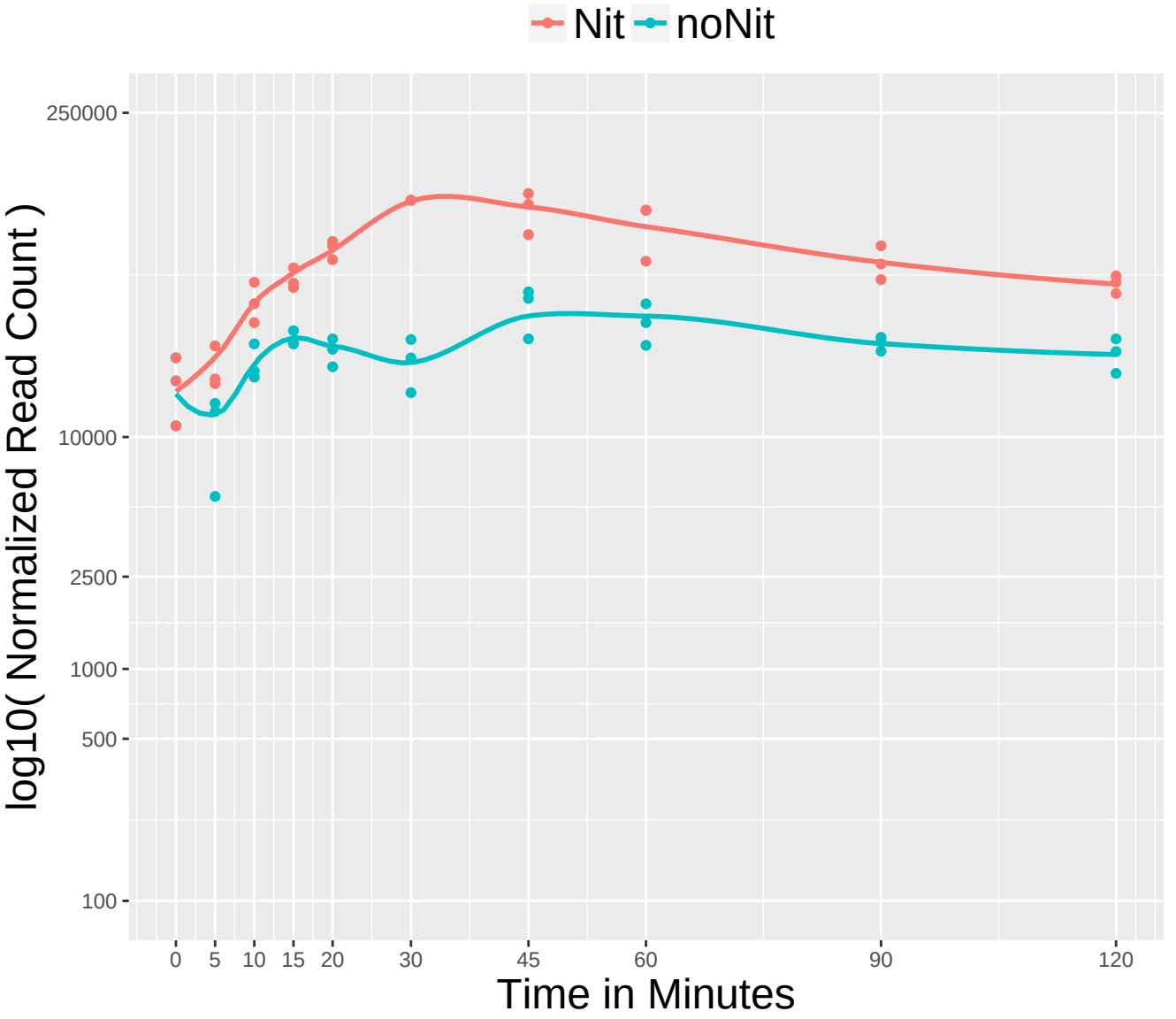
GNR1,,NIA1,nitrate



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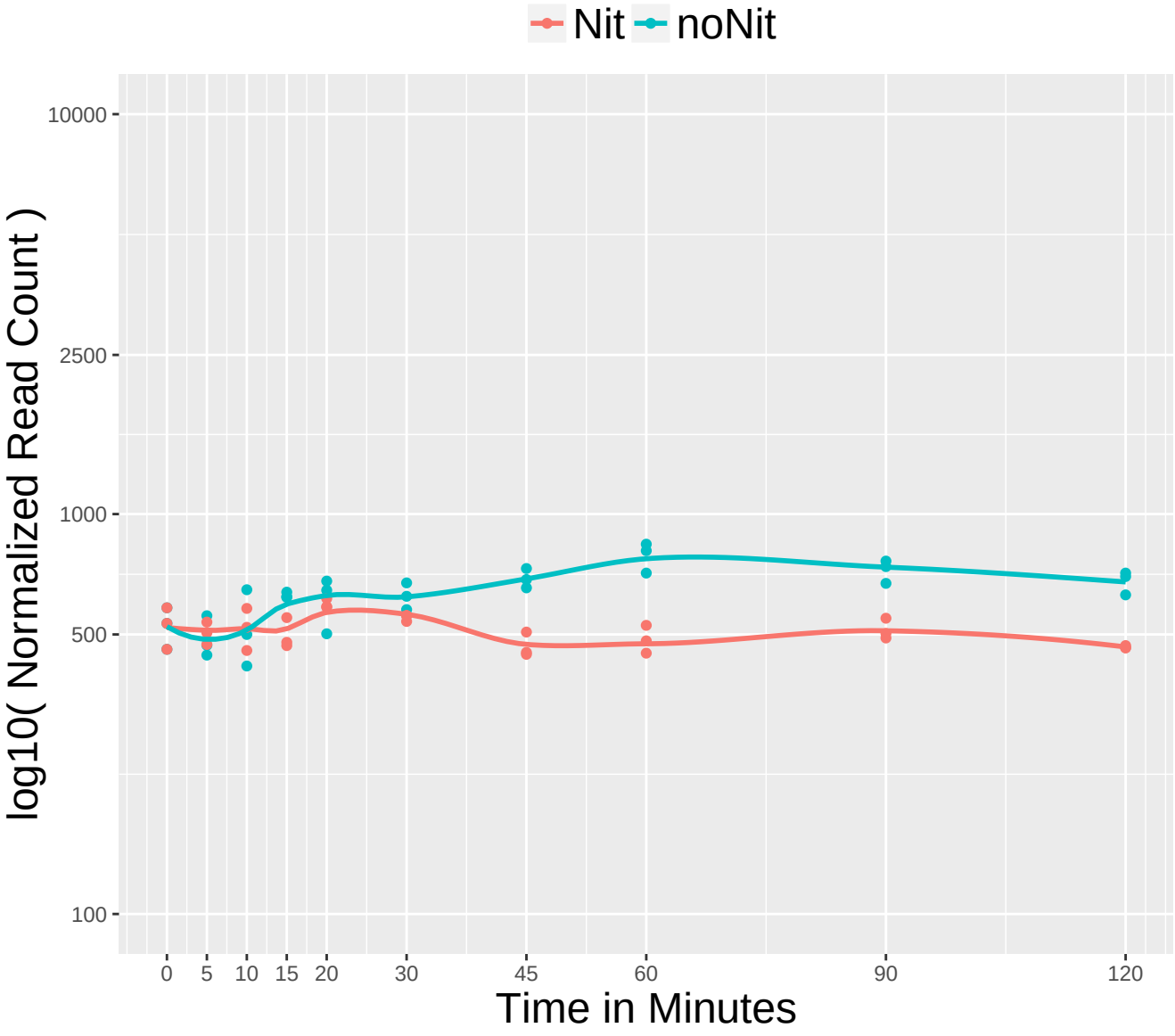

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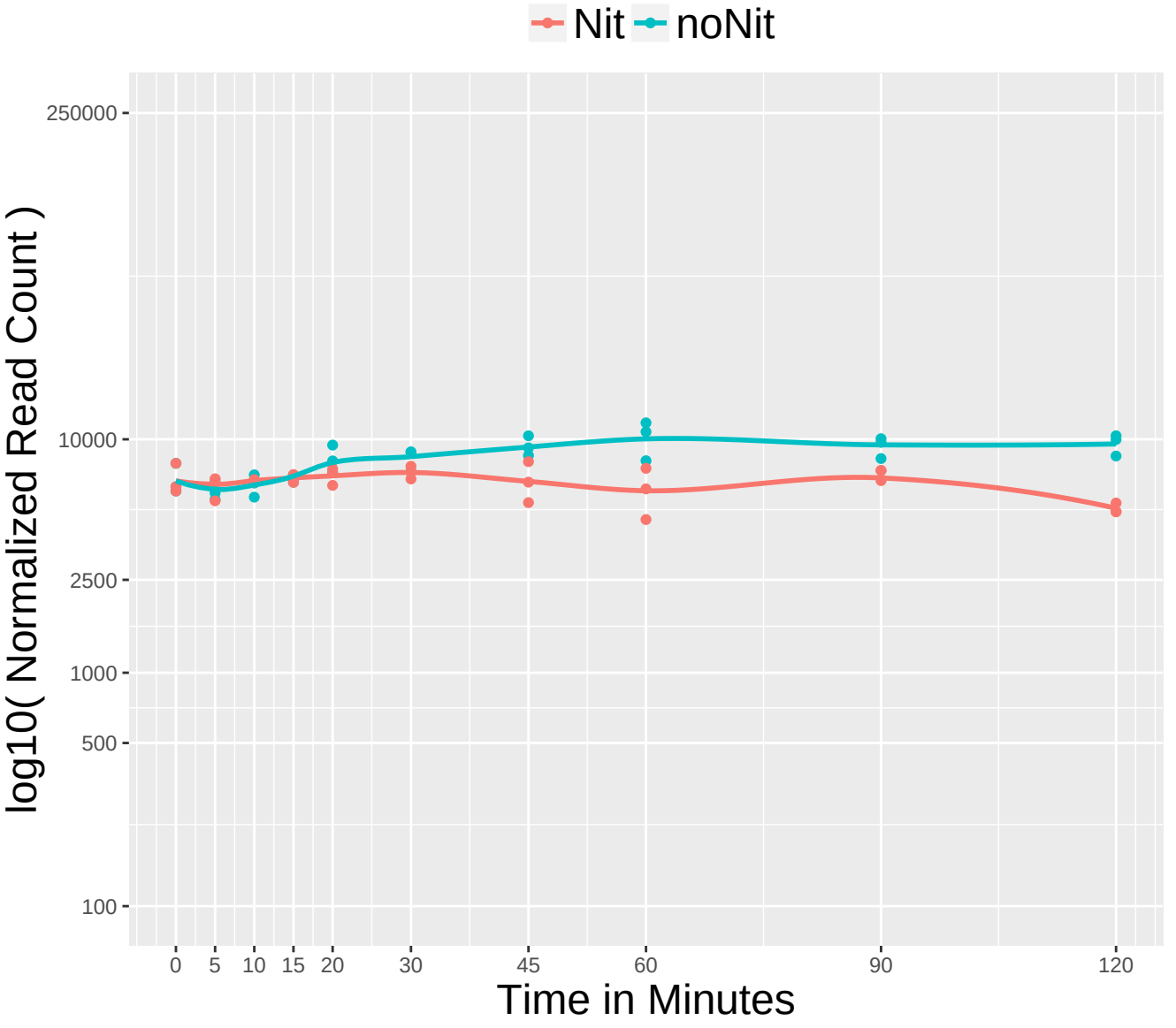

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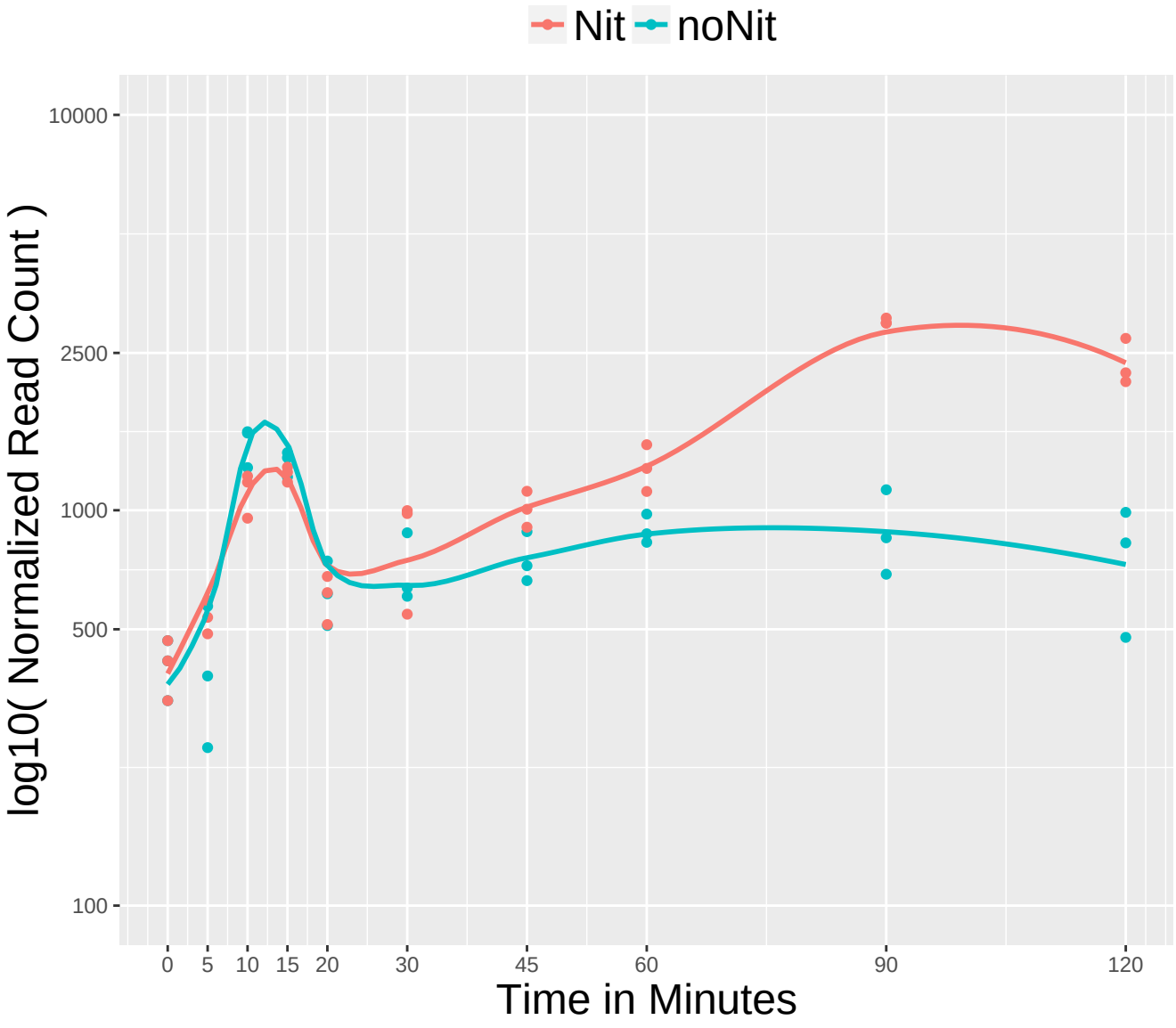
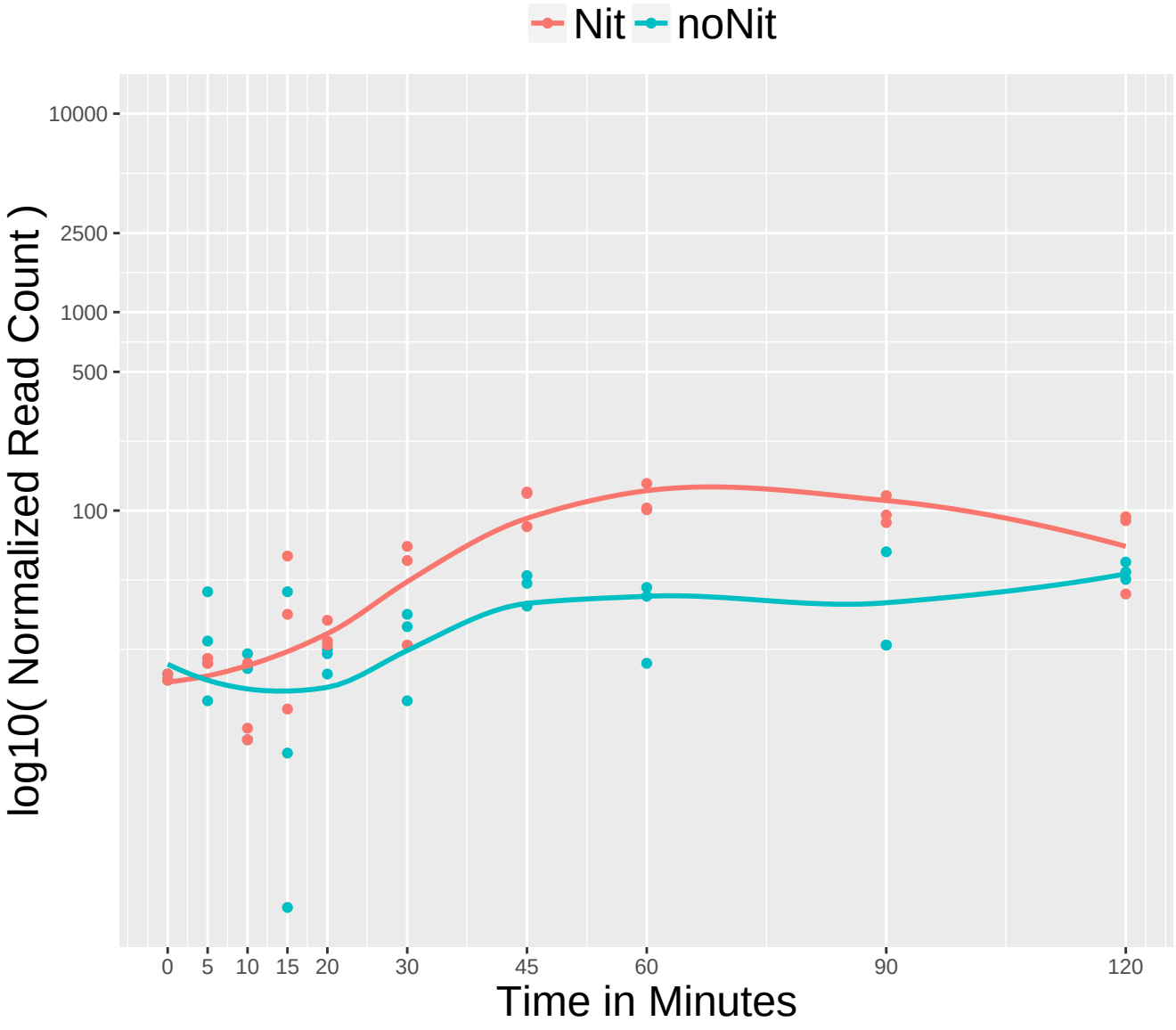


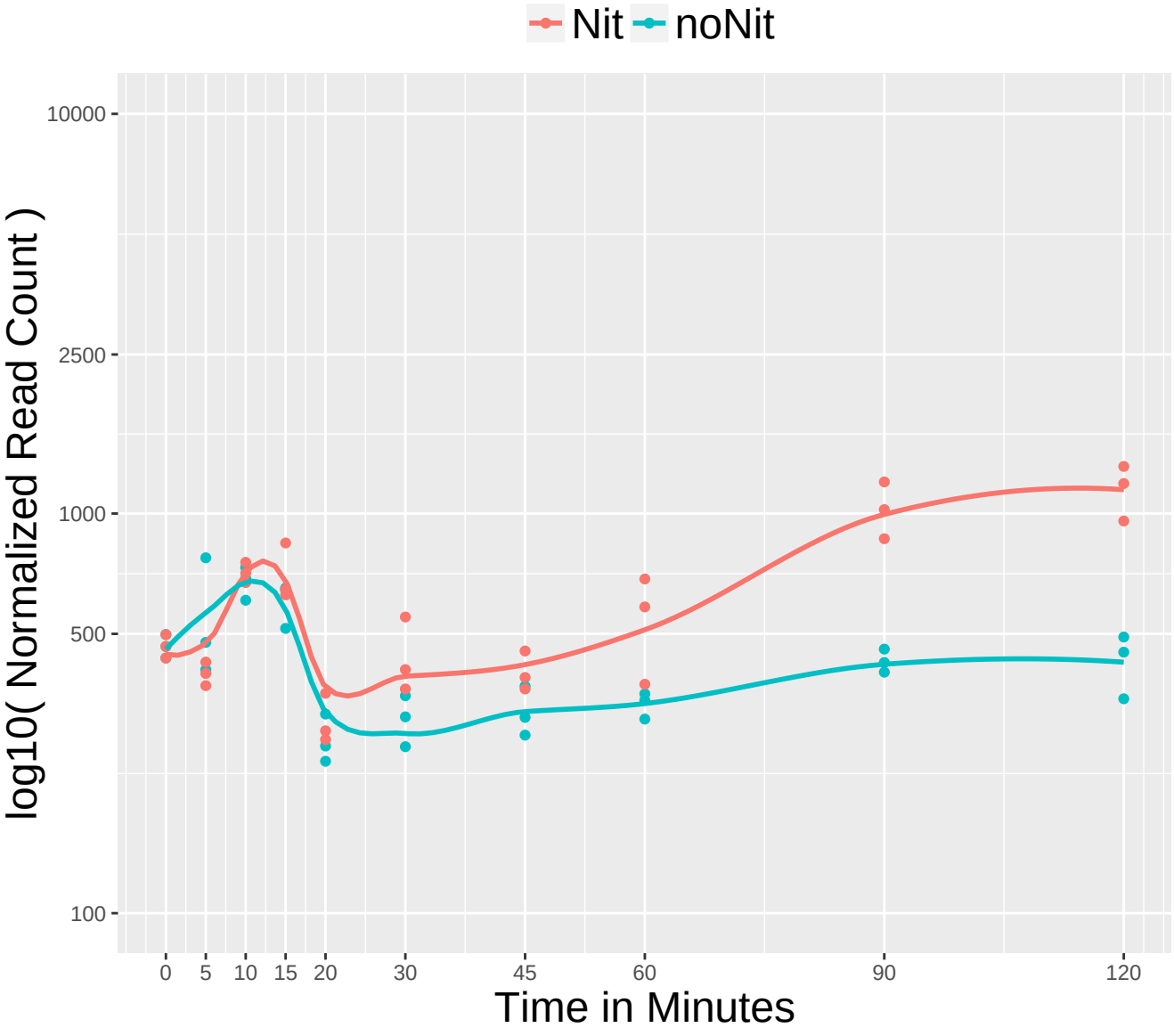
AT3G02850

SKOR,STELAR



AT3G16350

Homeodomain−like



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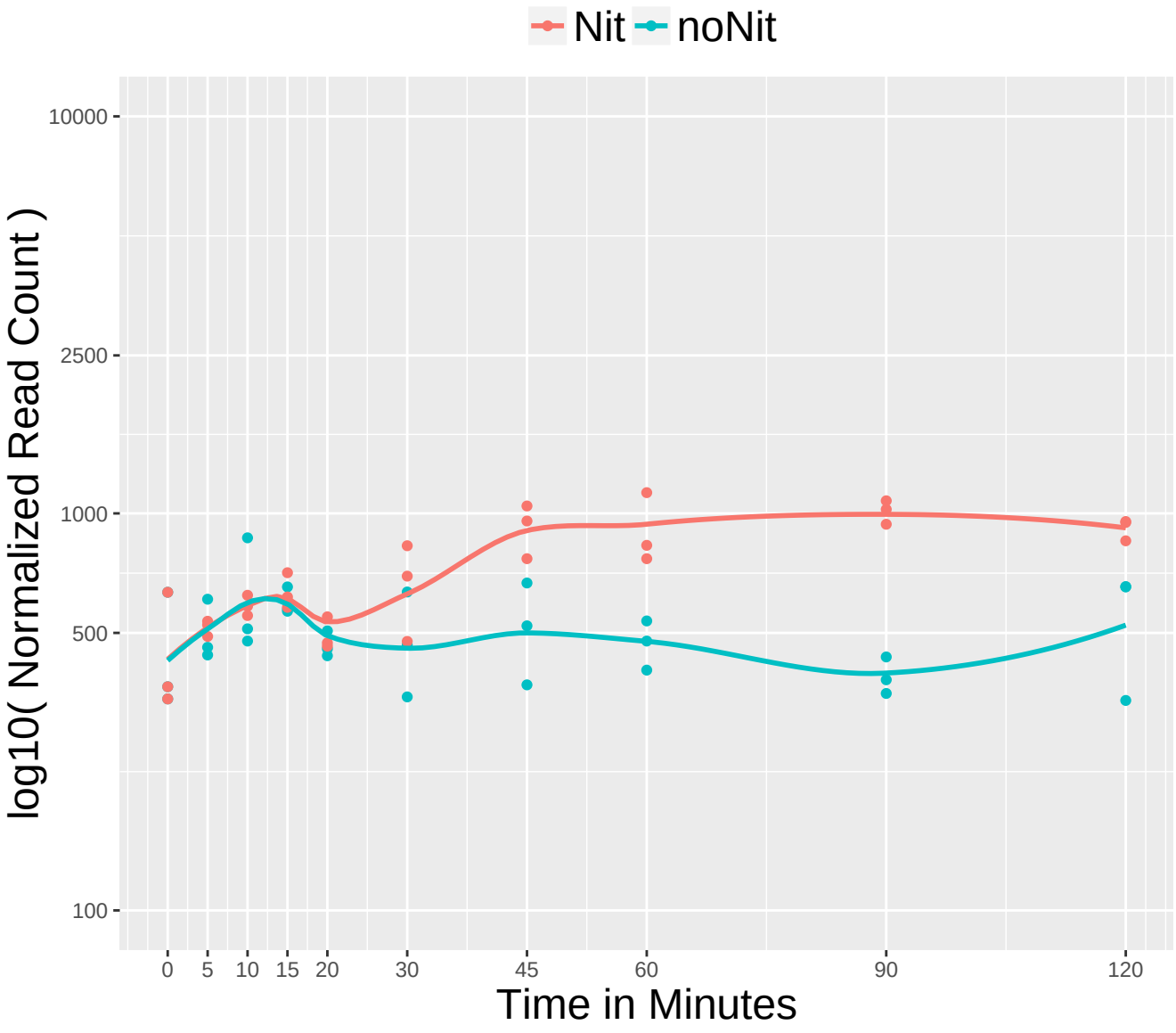
BAP1,BON



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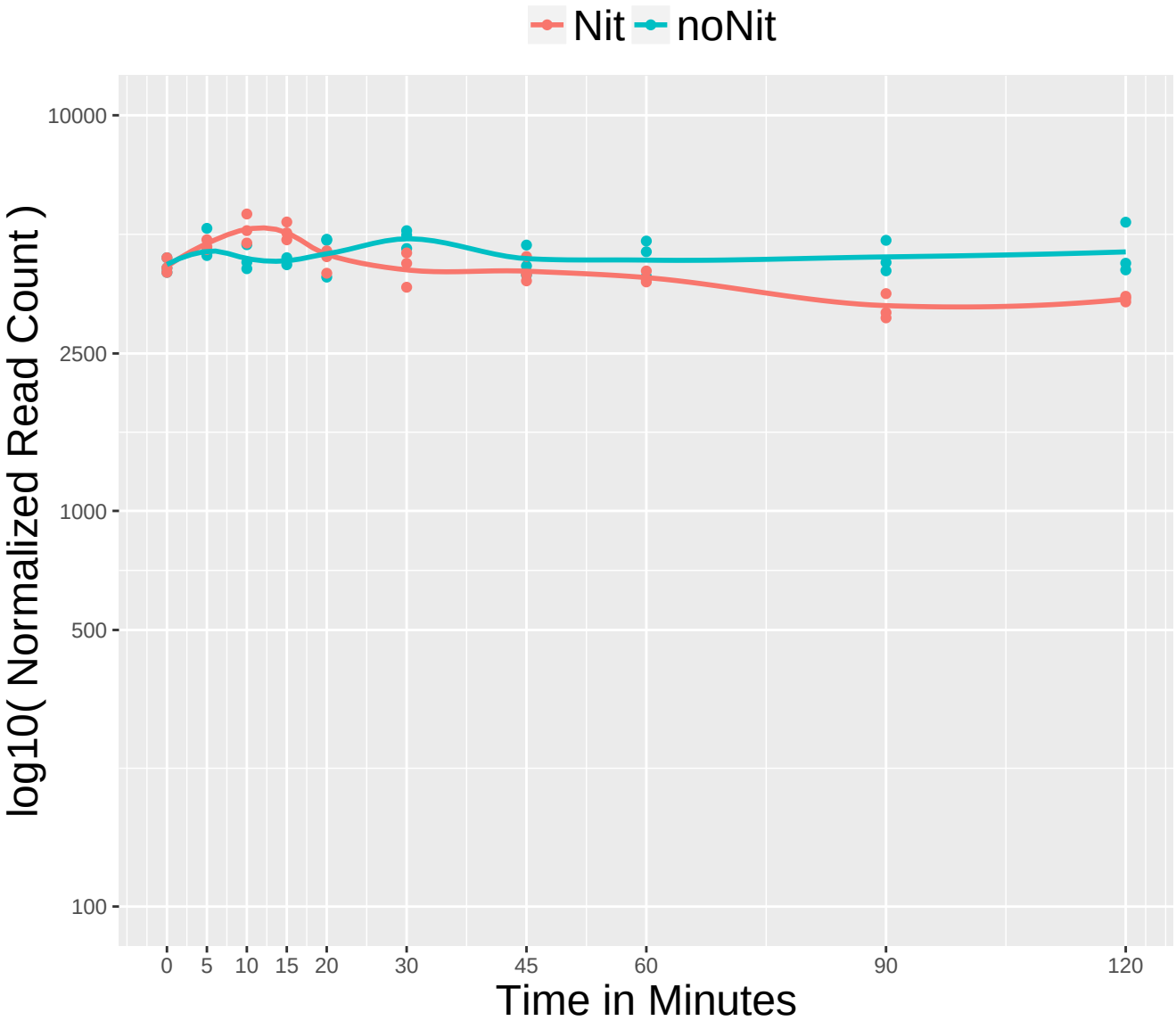
ATUTR2,,UTR2,UDP−galactose



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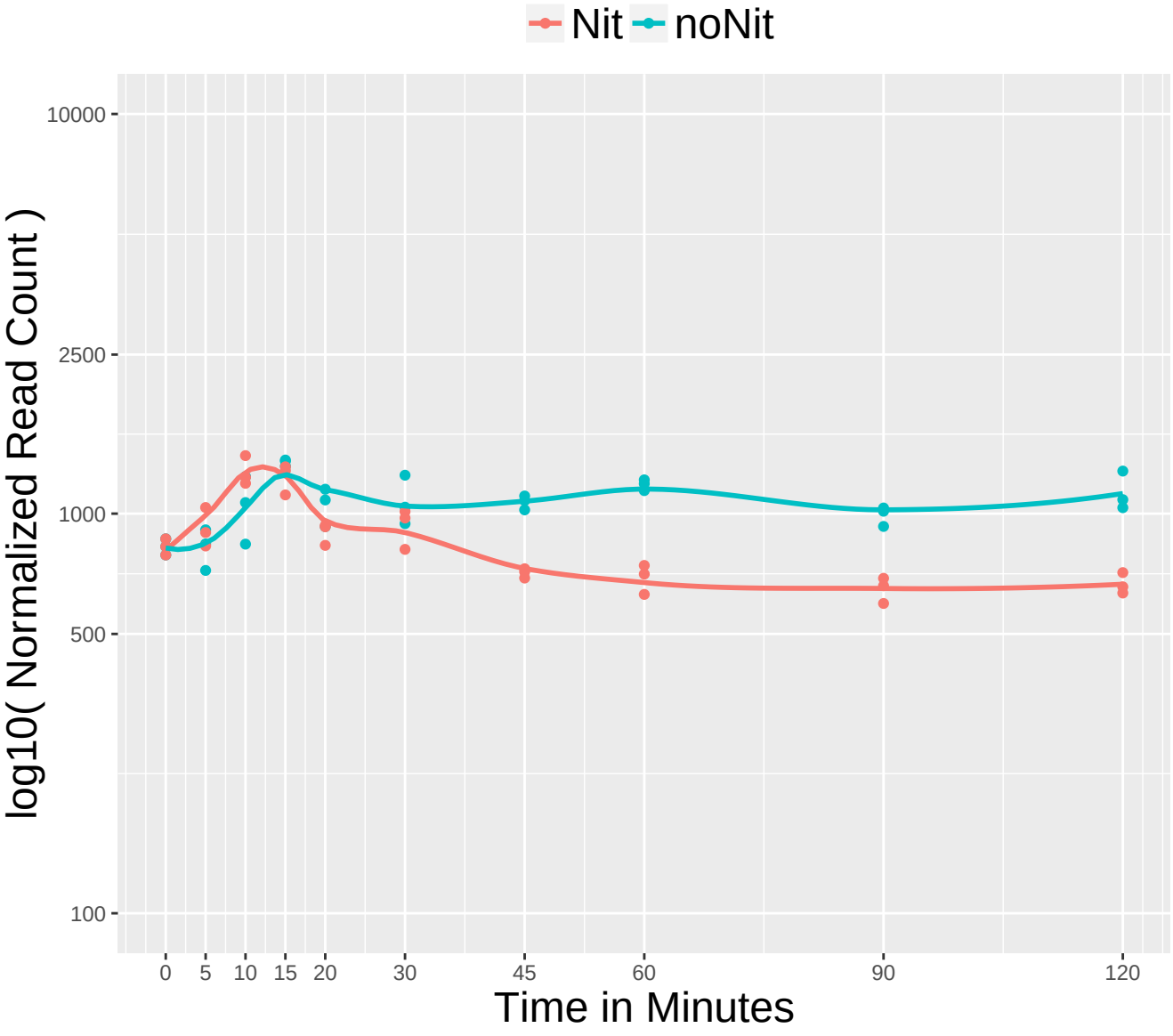
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AT5G18670

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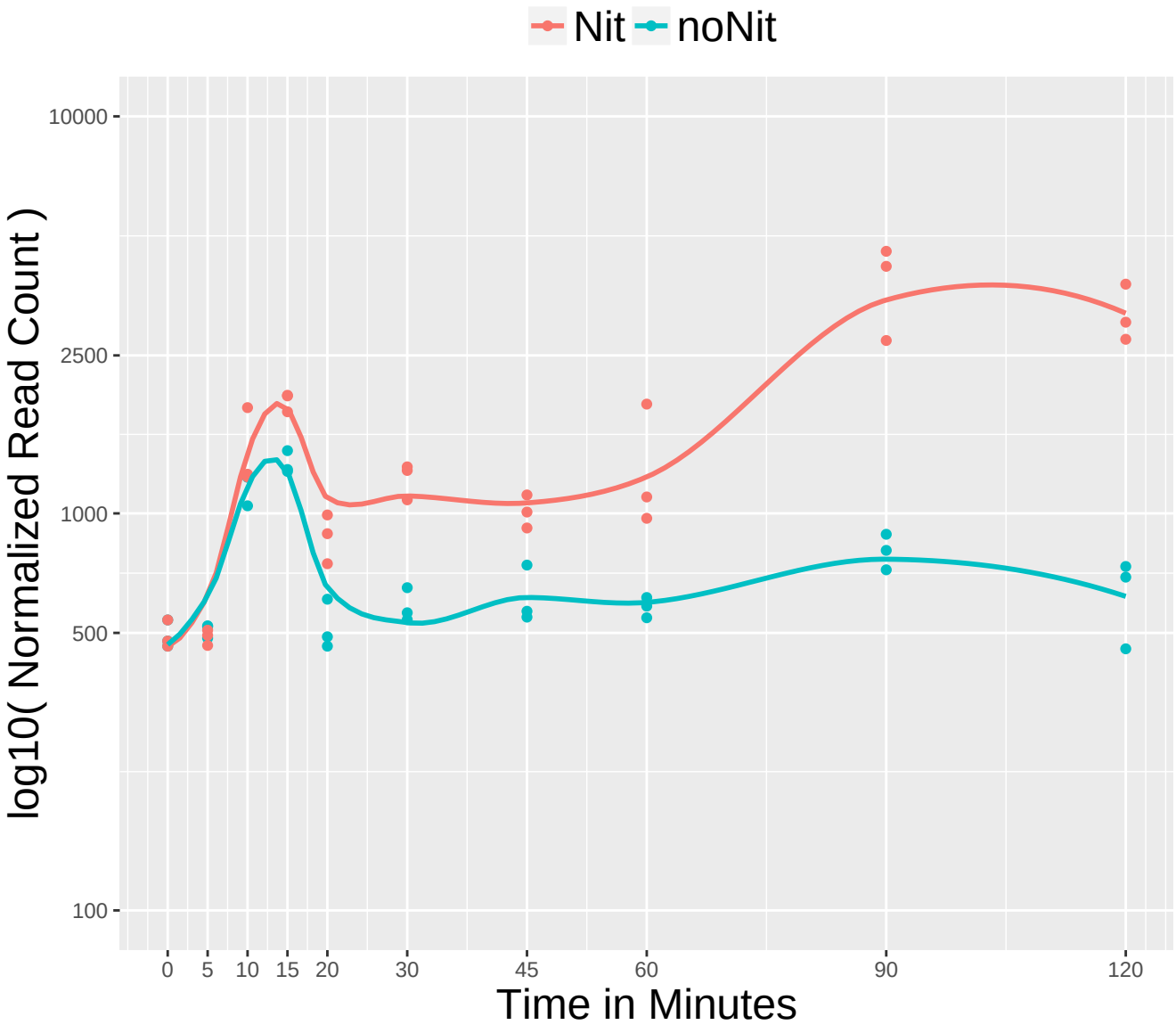

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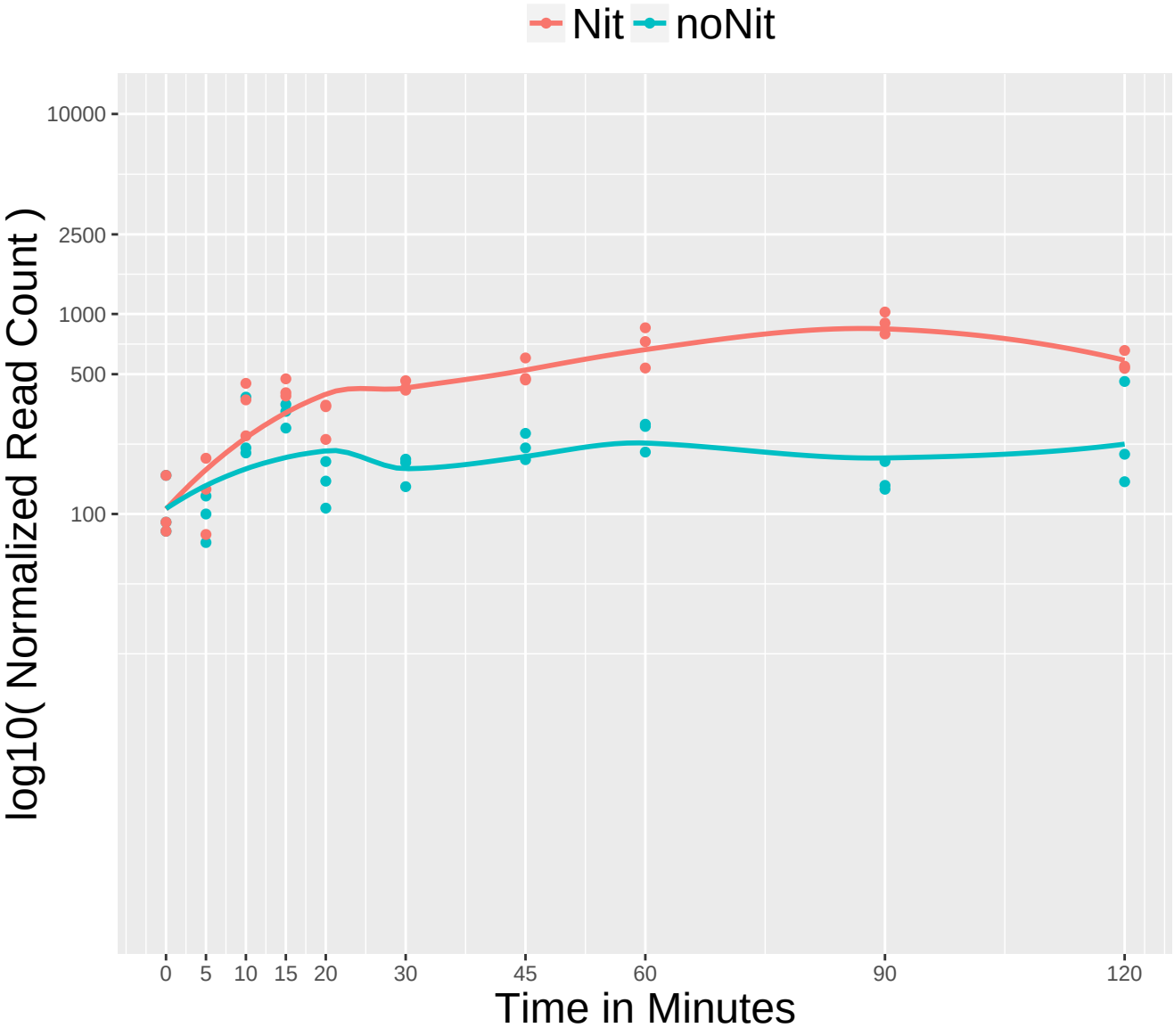

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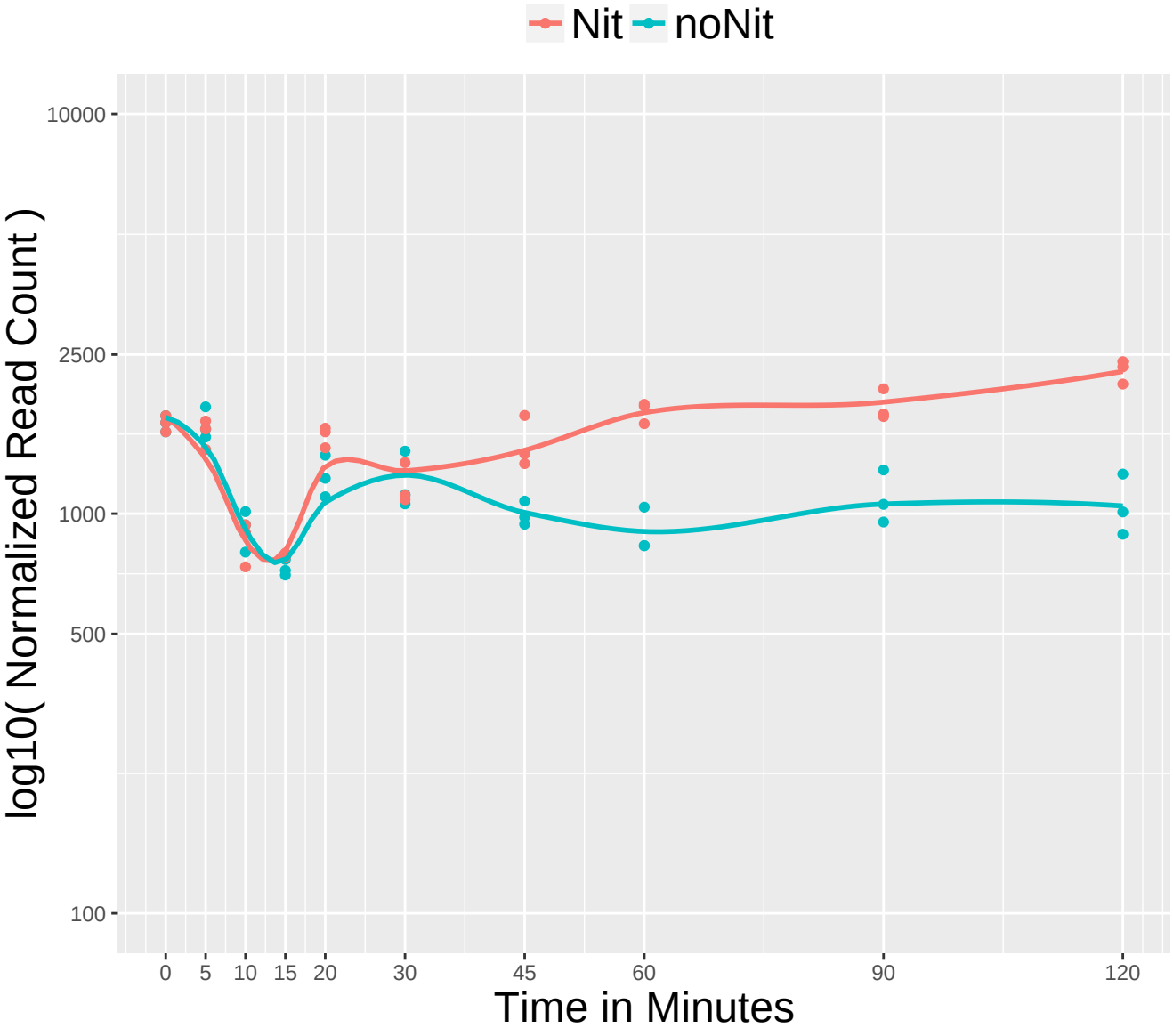
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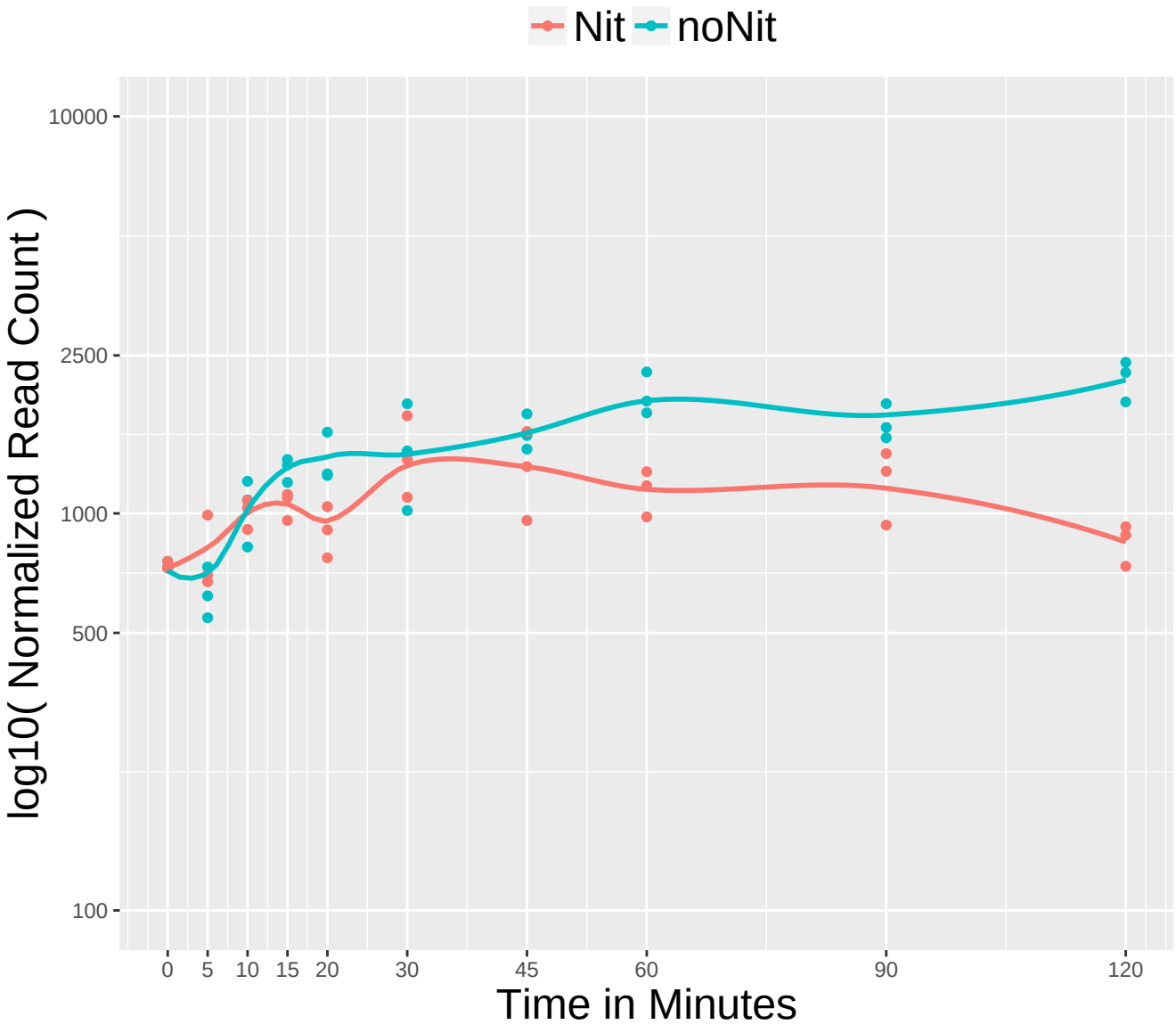
AT5G49890

ATCLC−C,,CLC−C,chloride



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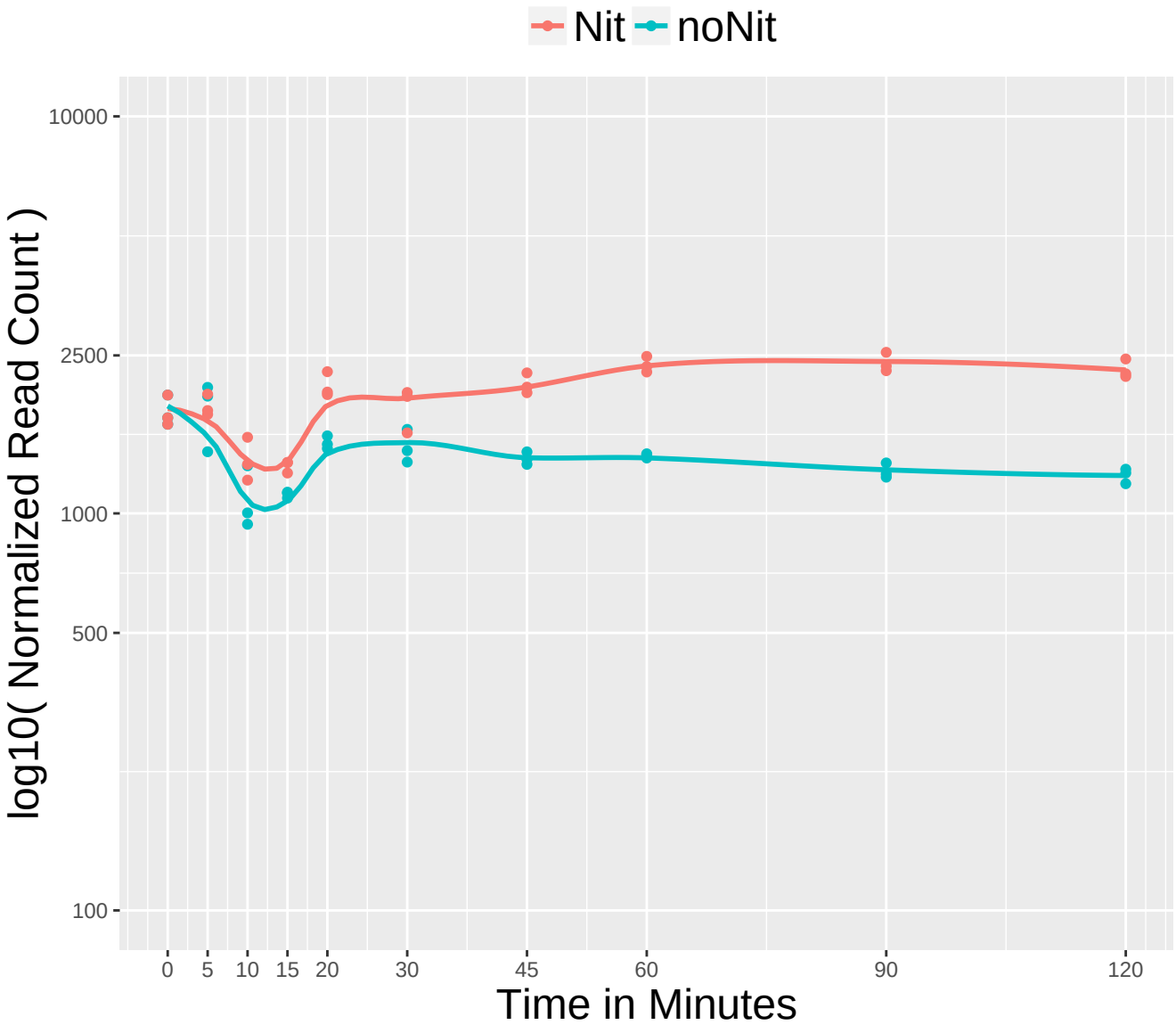
EMB2728,EMBRYO



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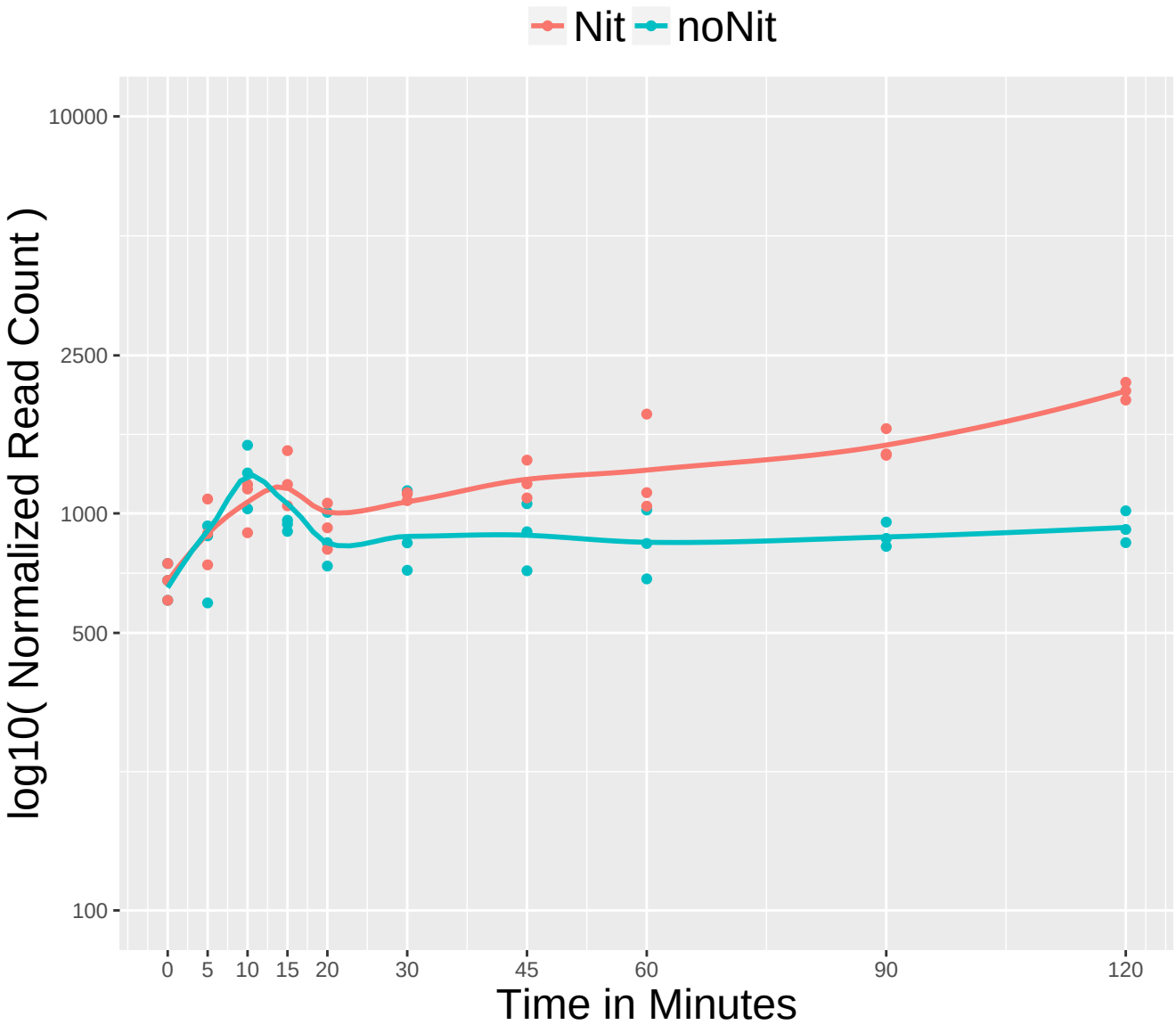

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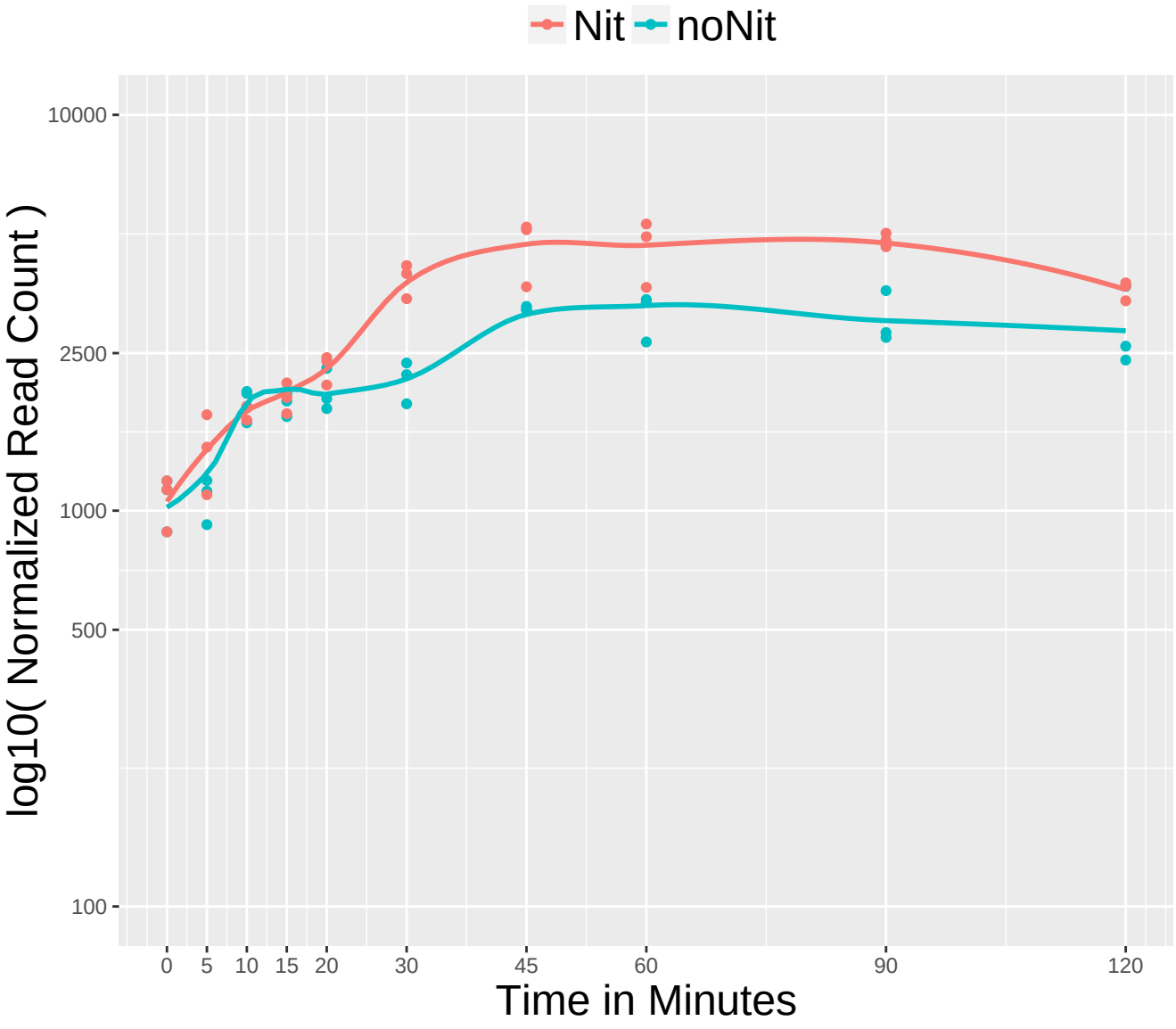

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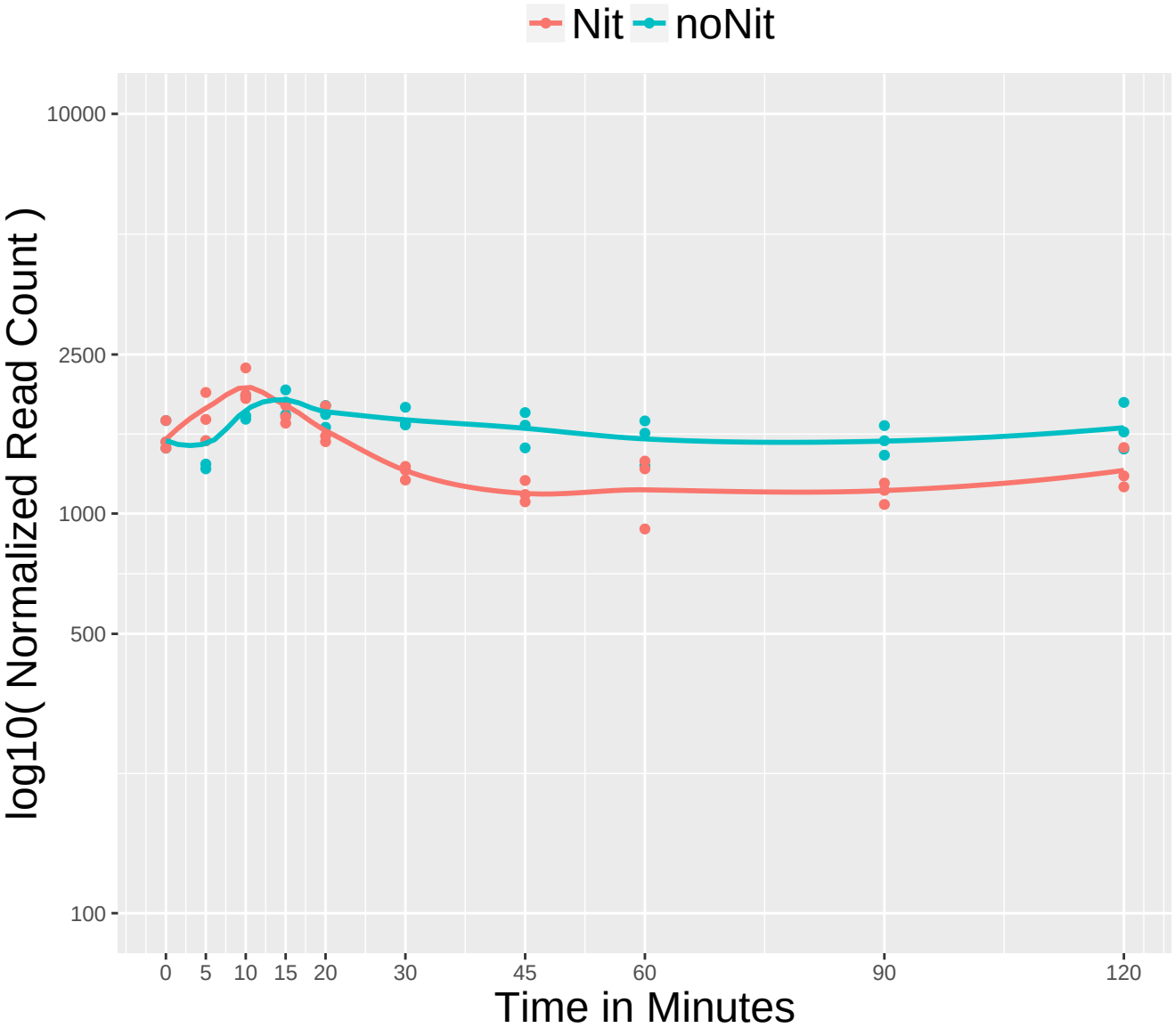
Leucine−rich



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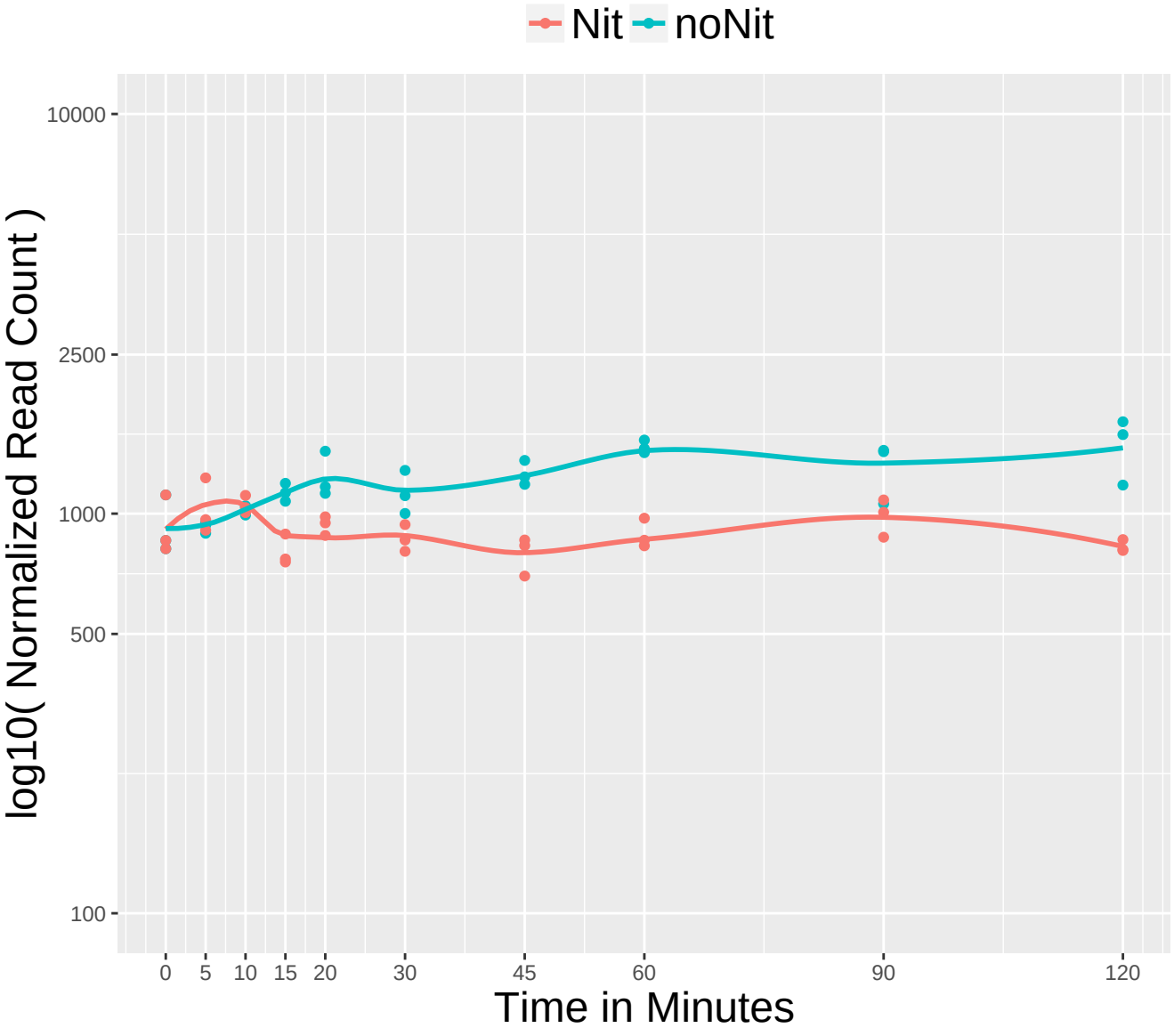

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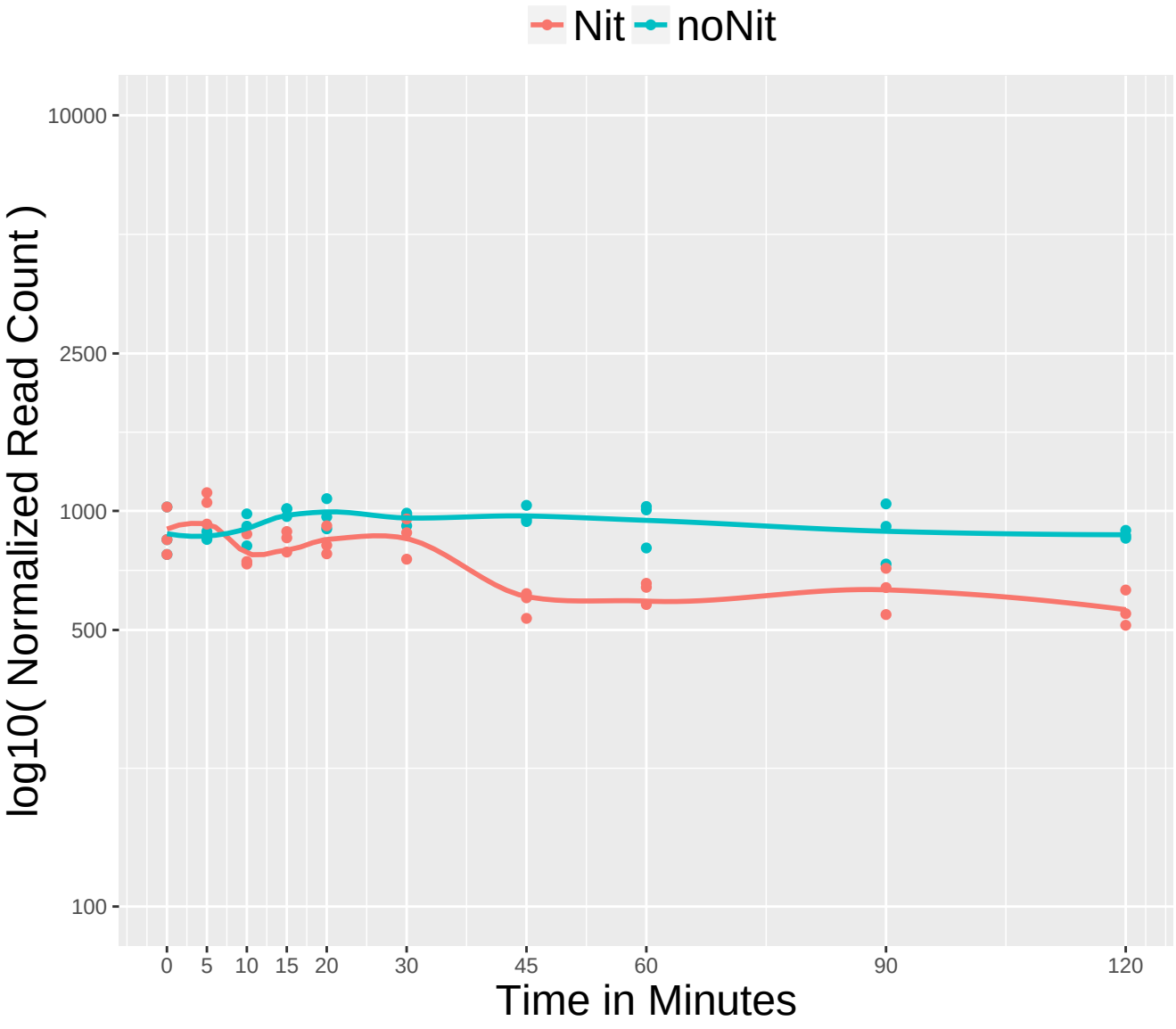
glycine−rich



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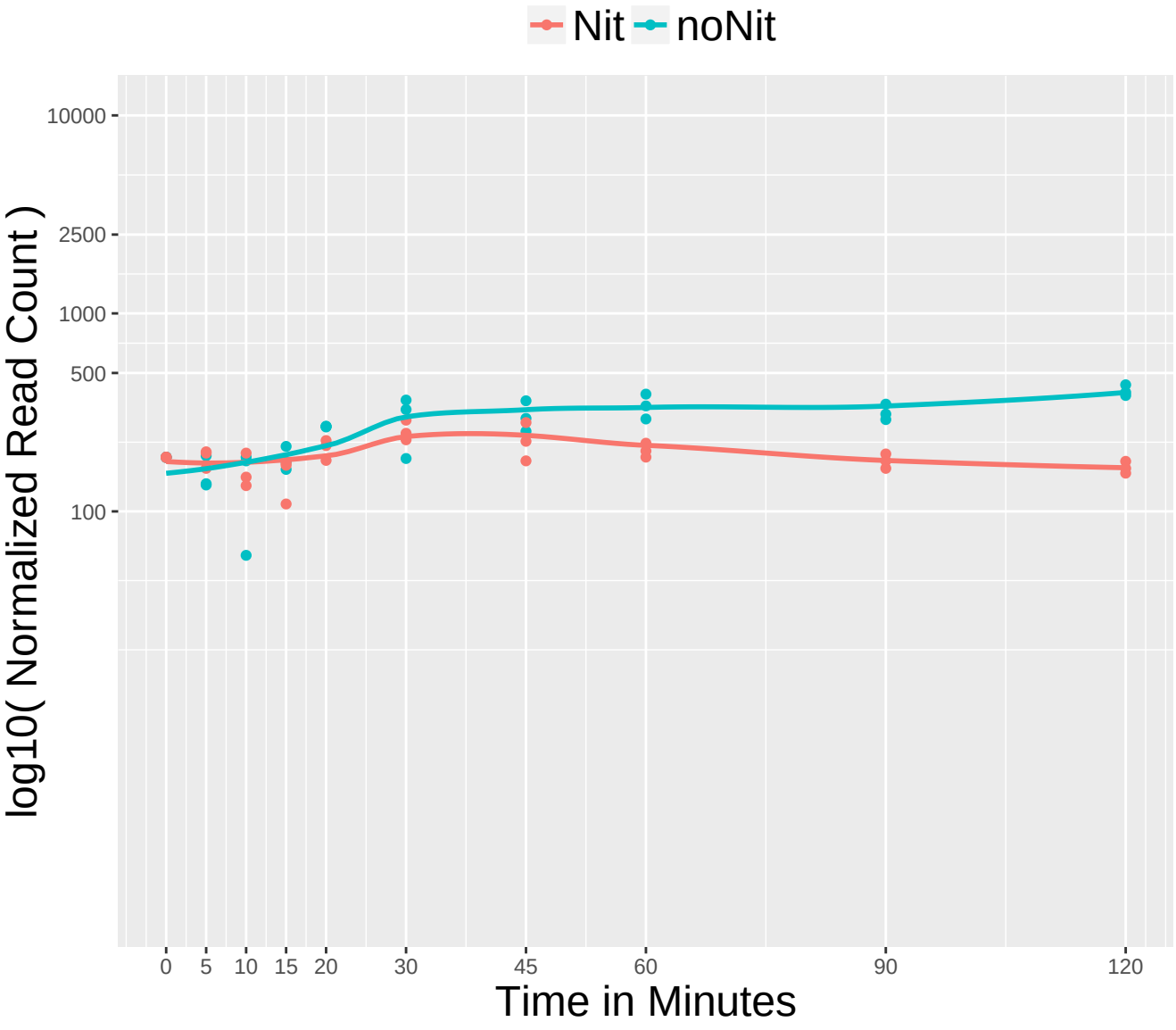

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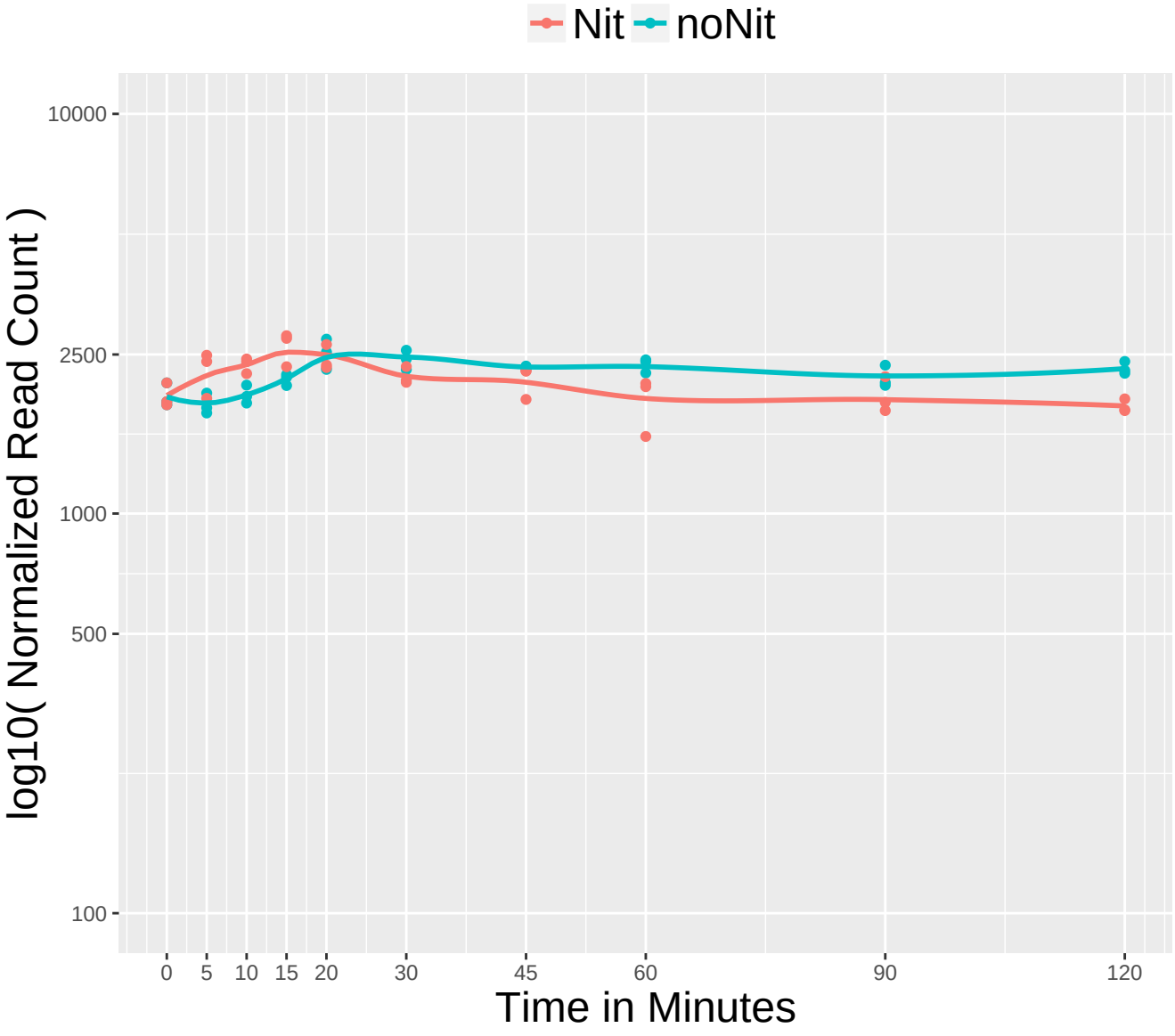

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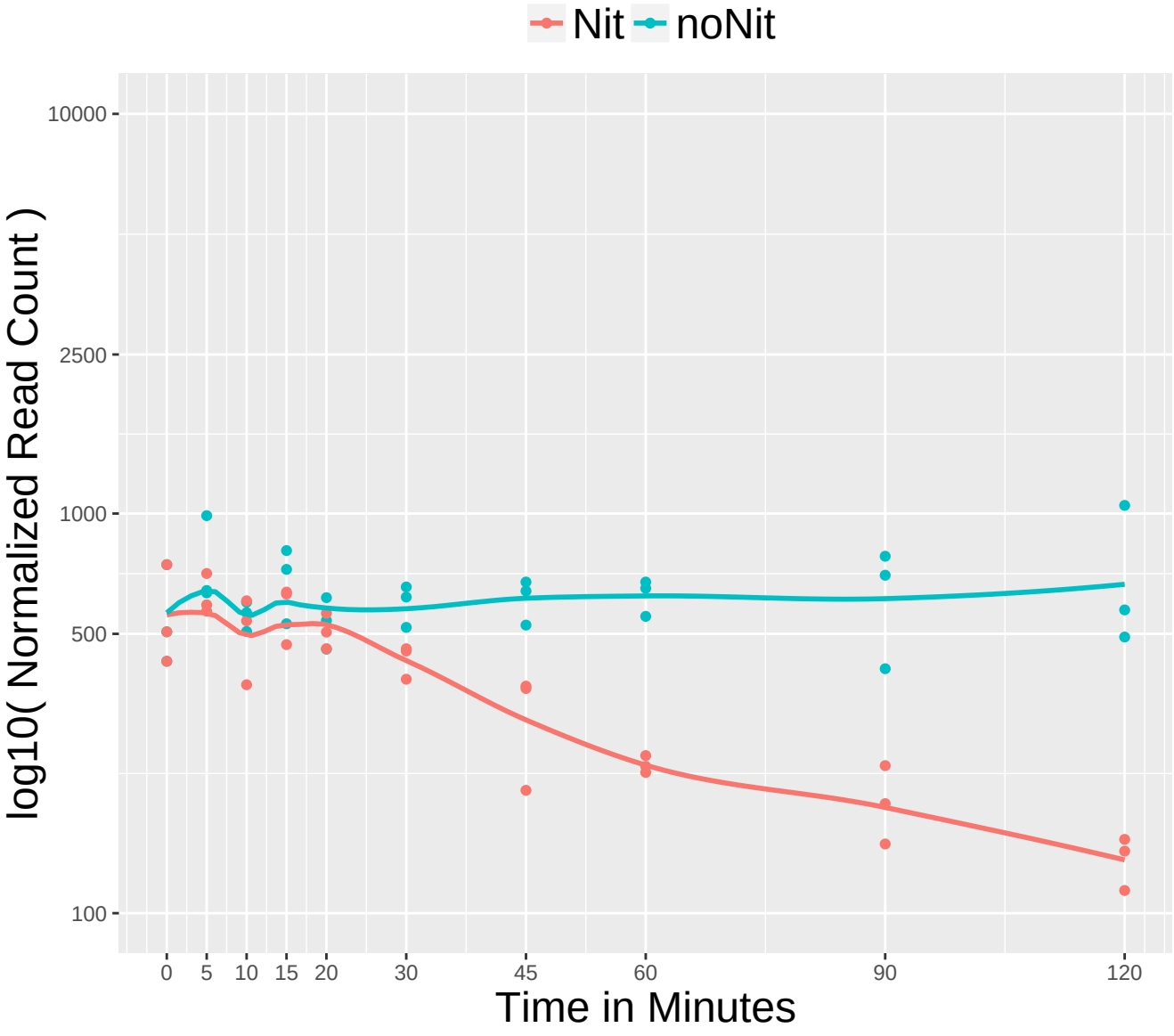

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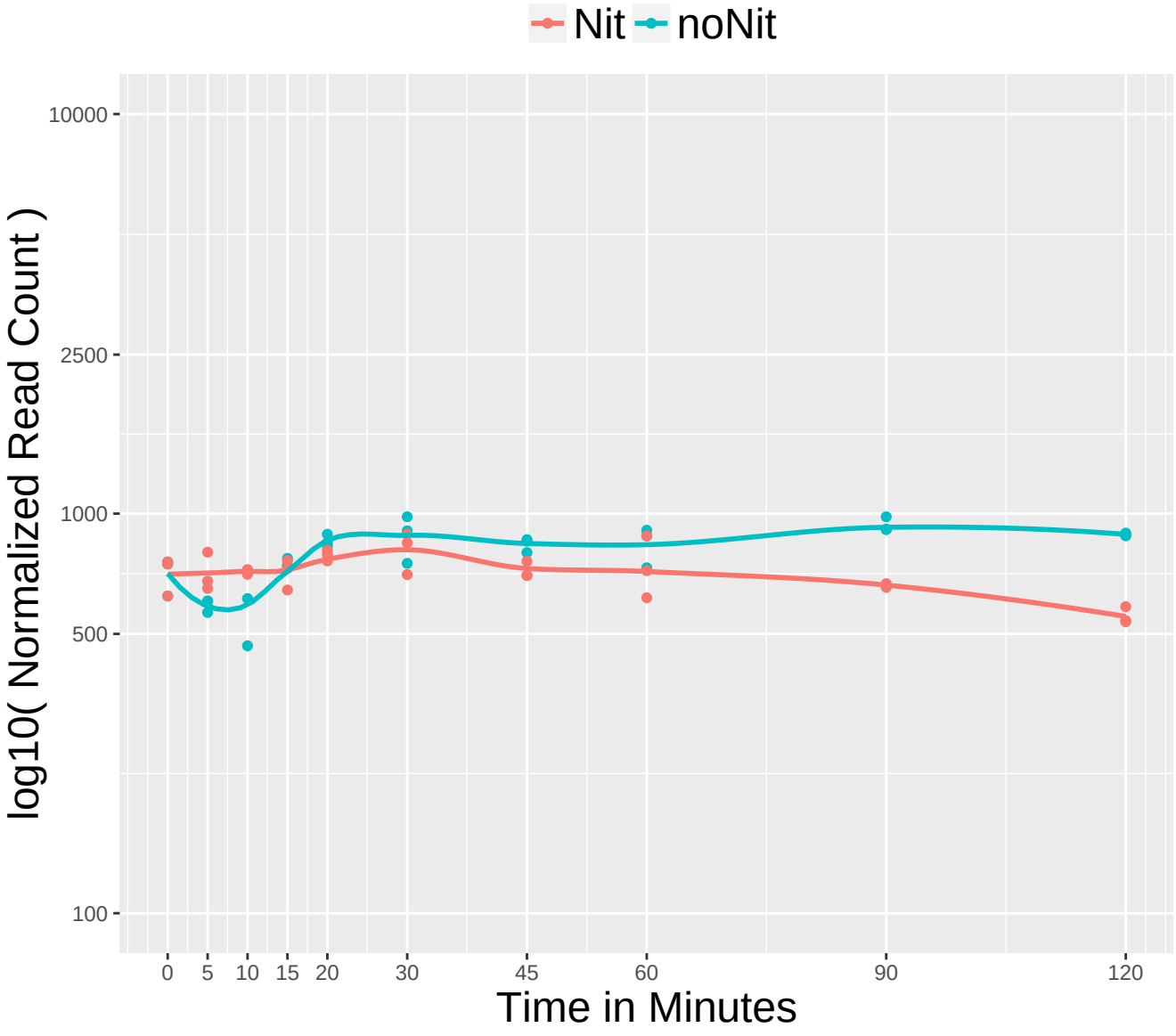

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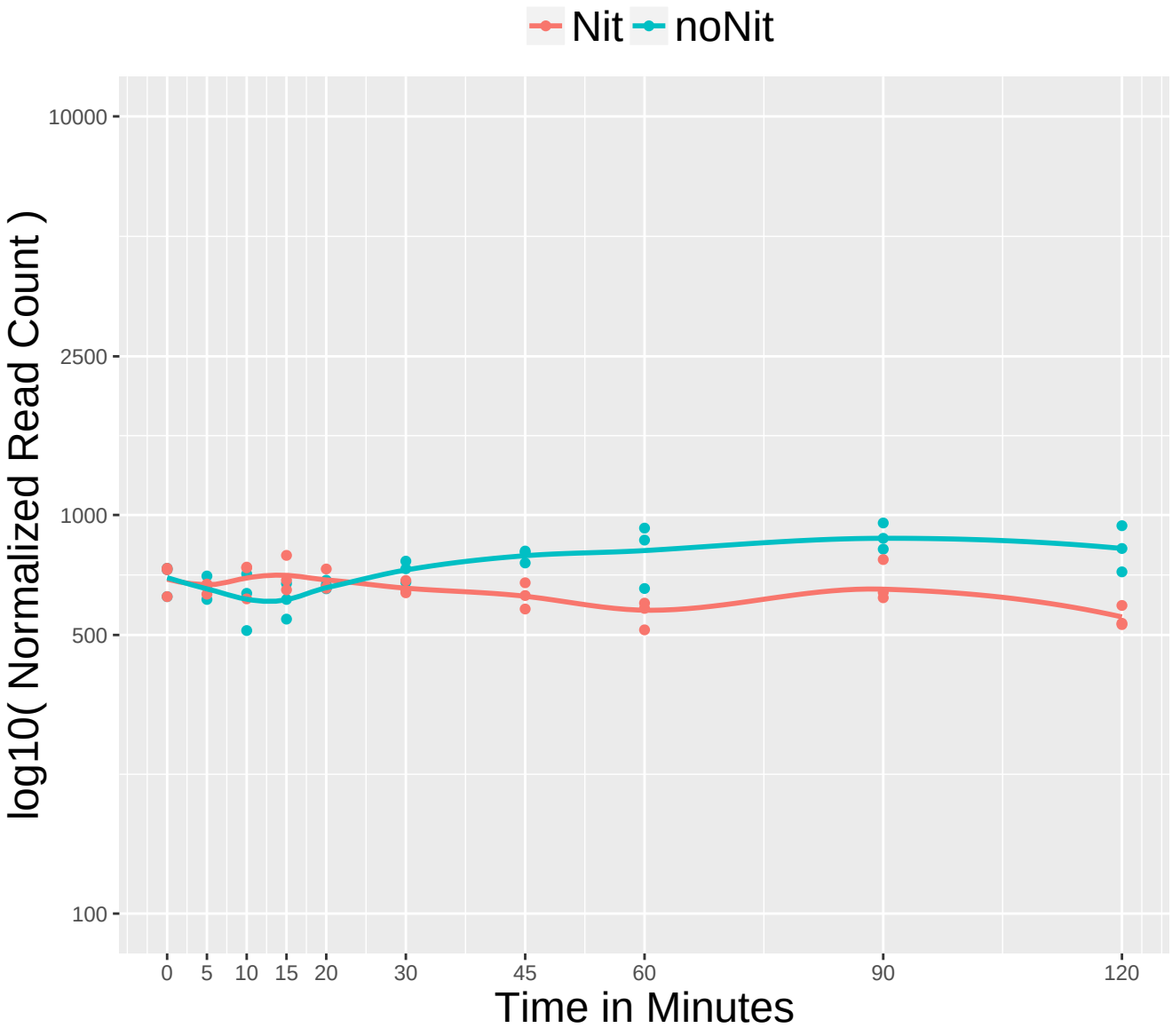

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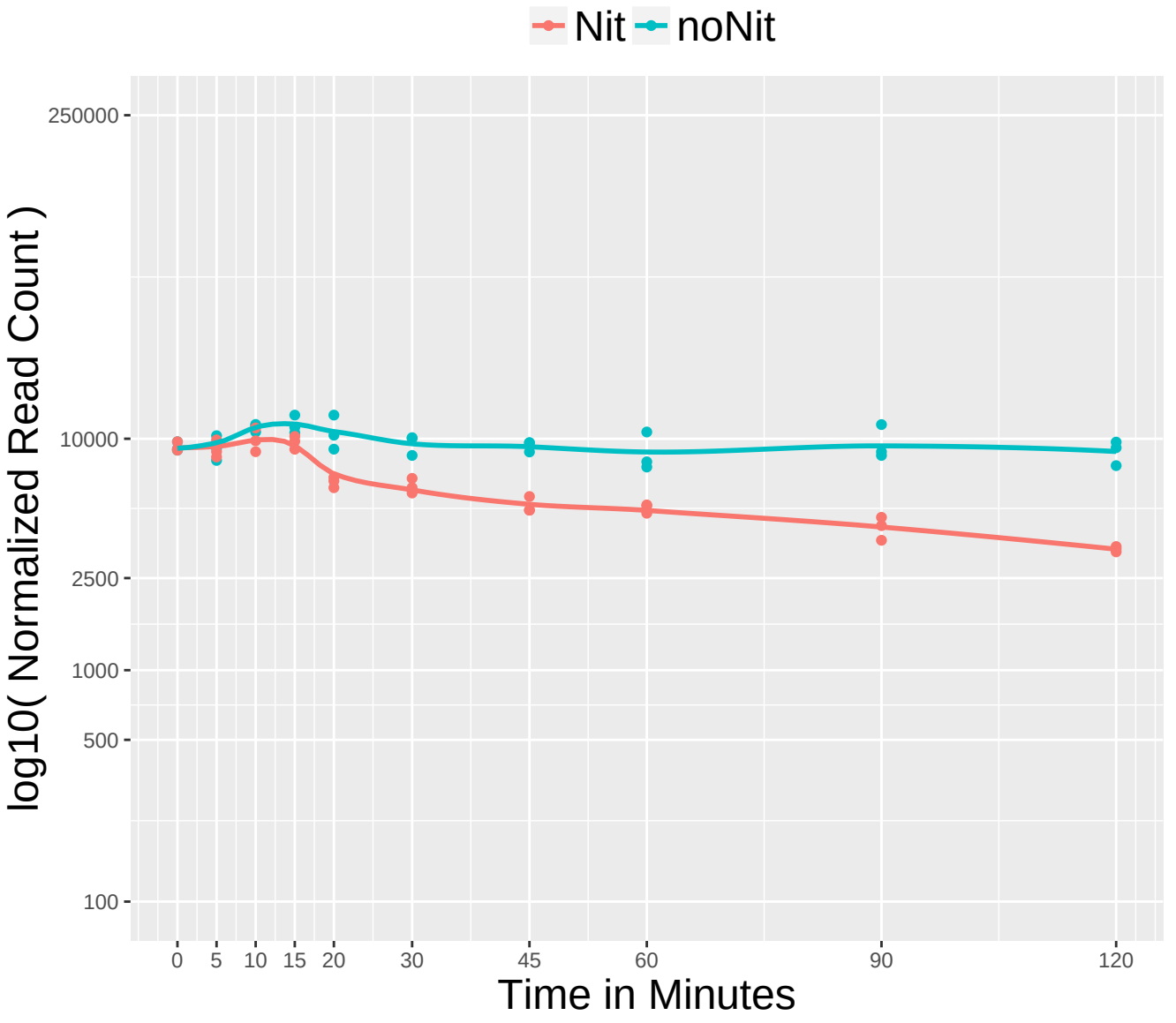

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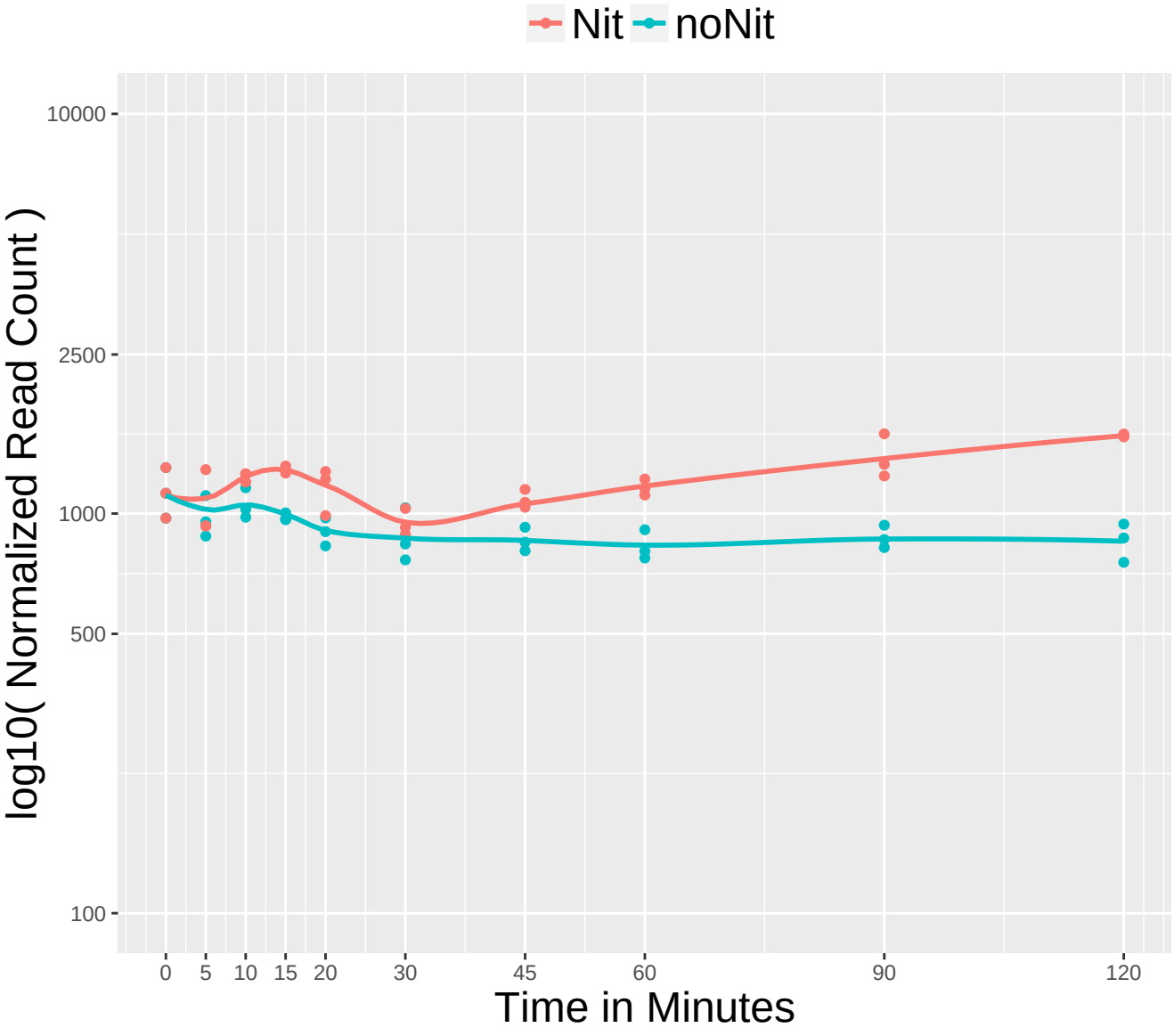

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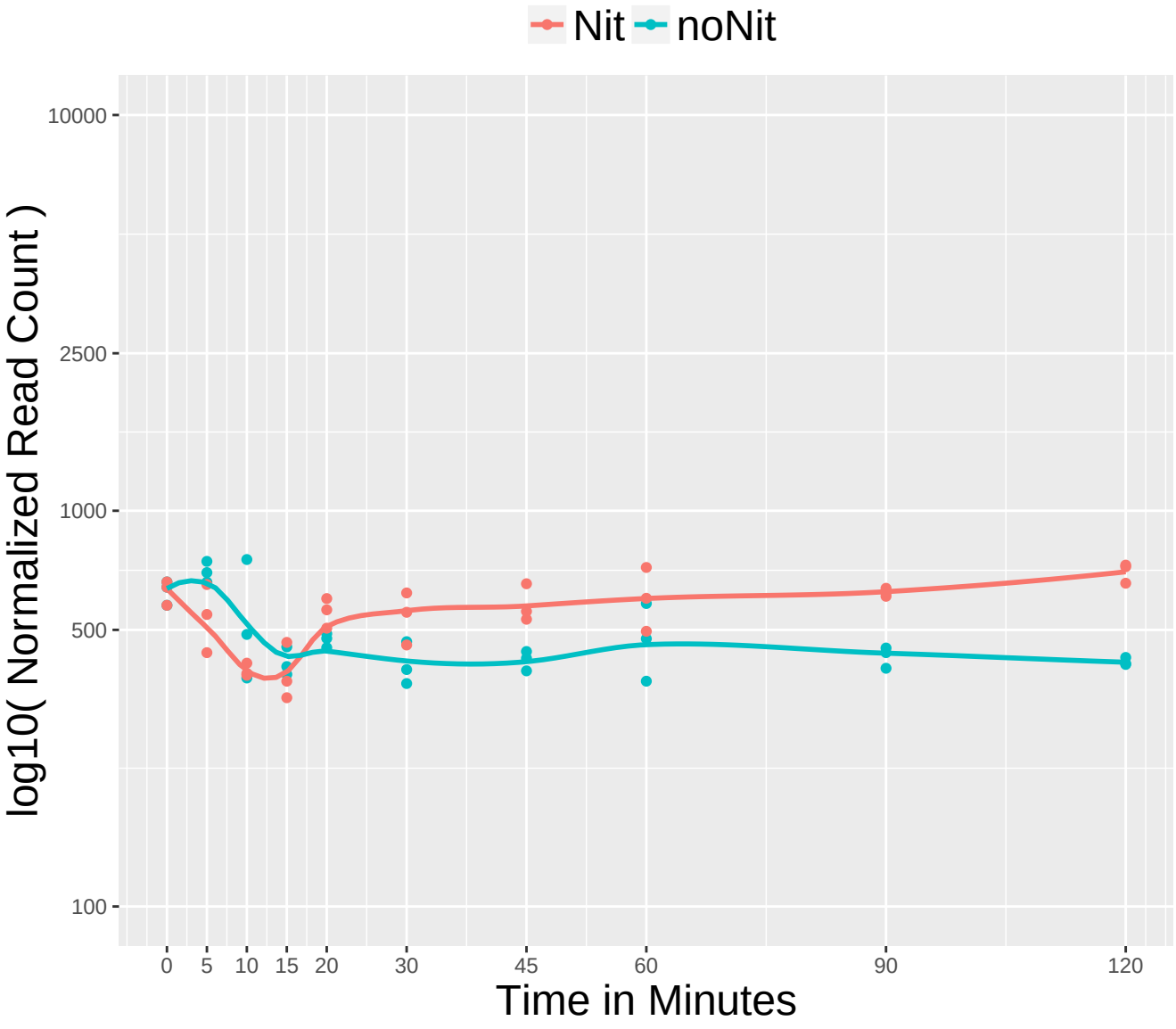
PRA1.H,prenylated



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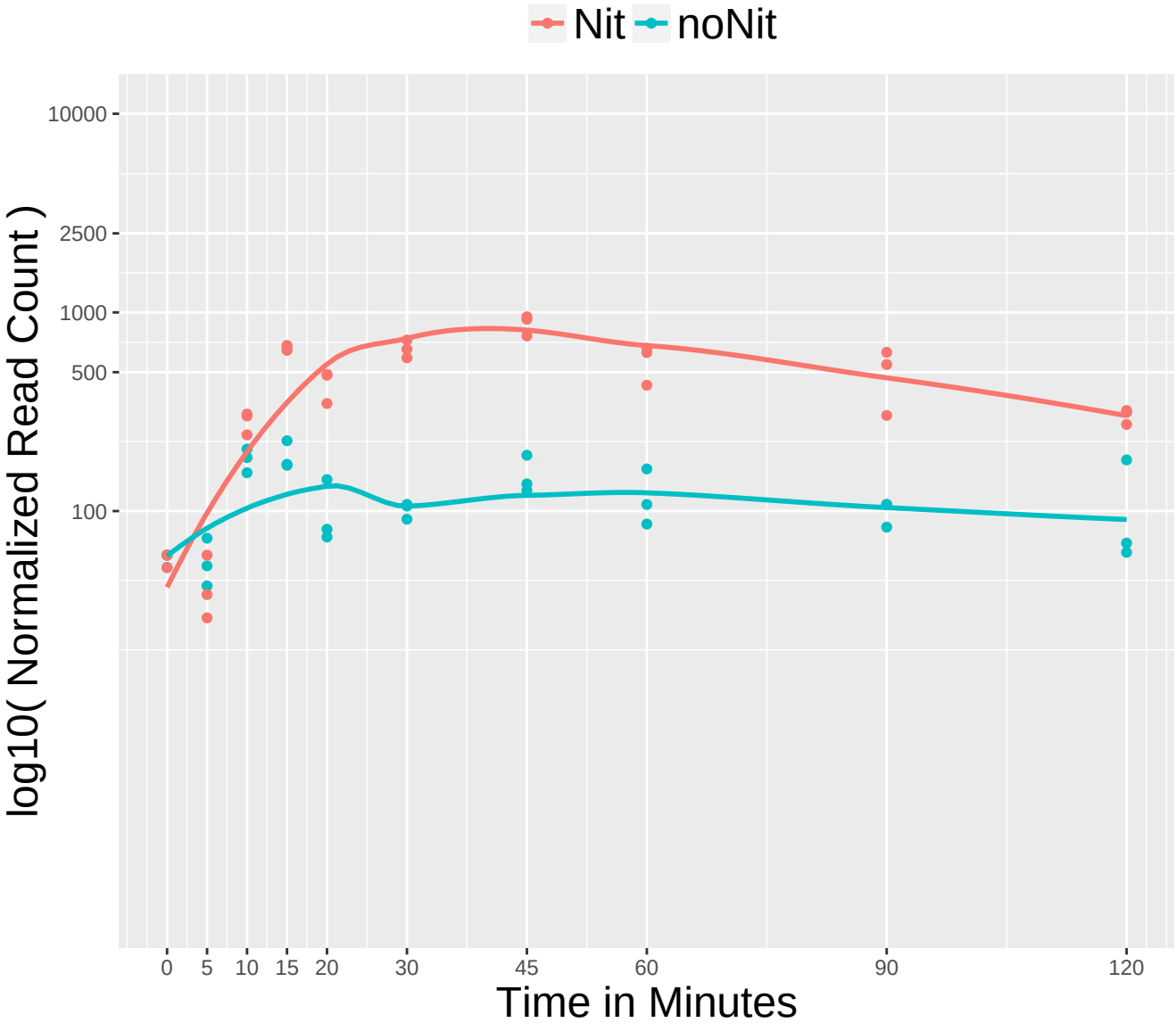

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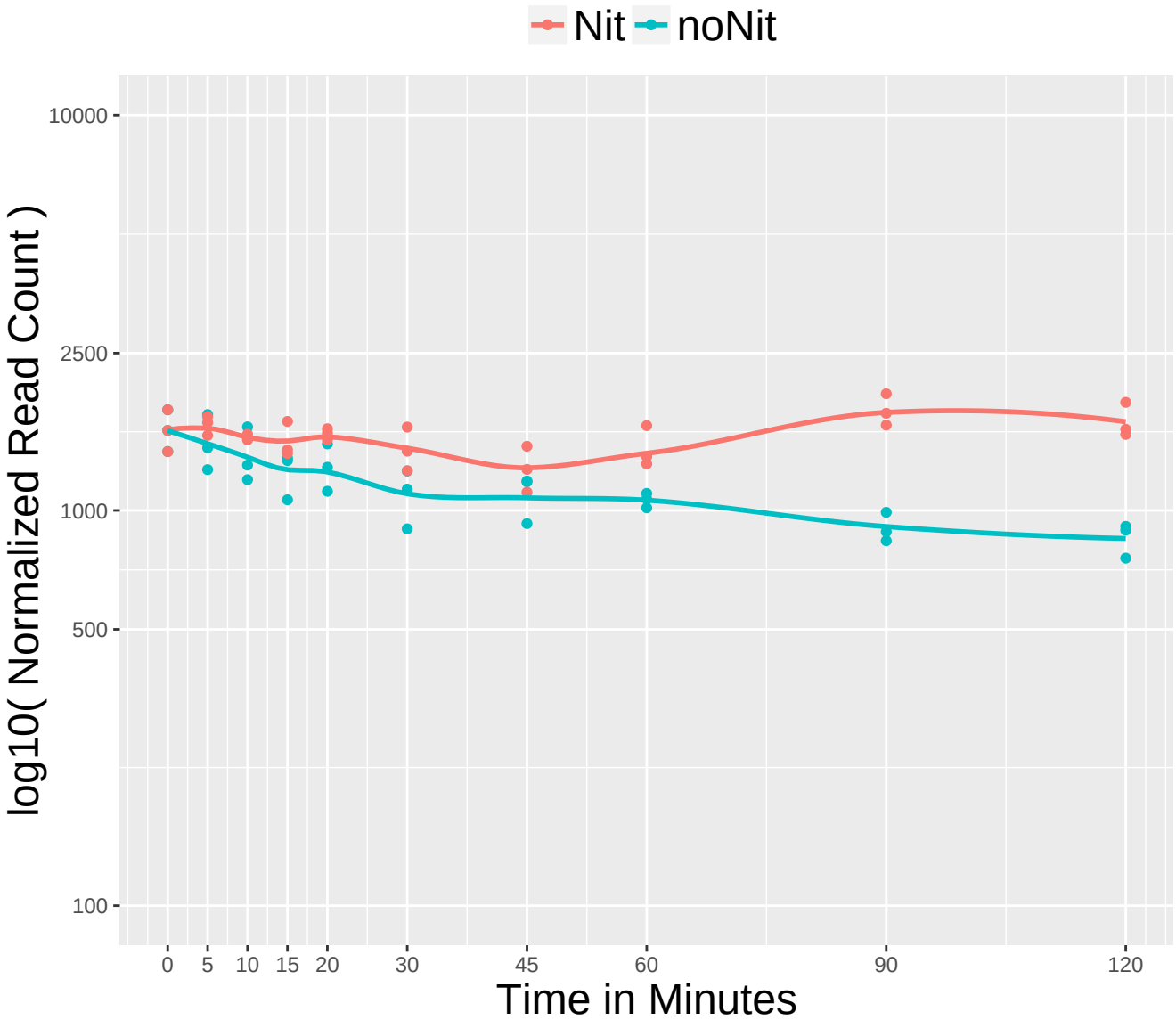

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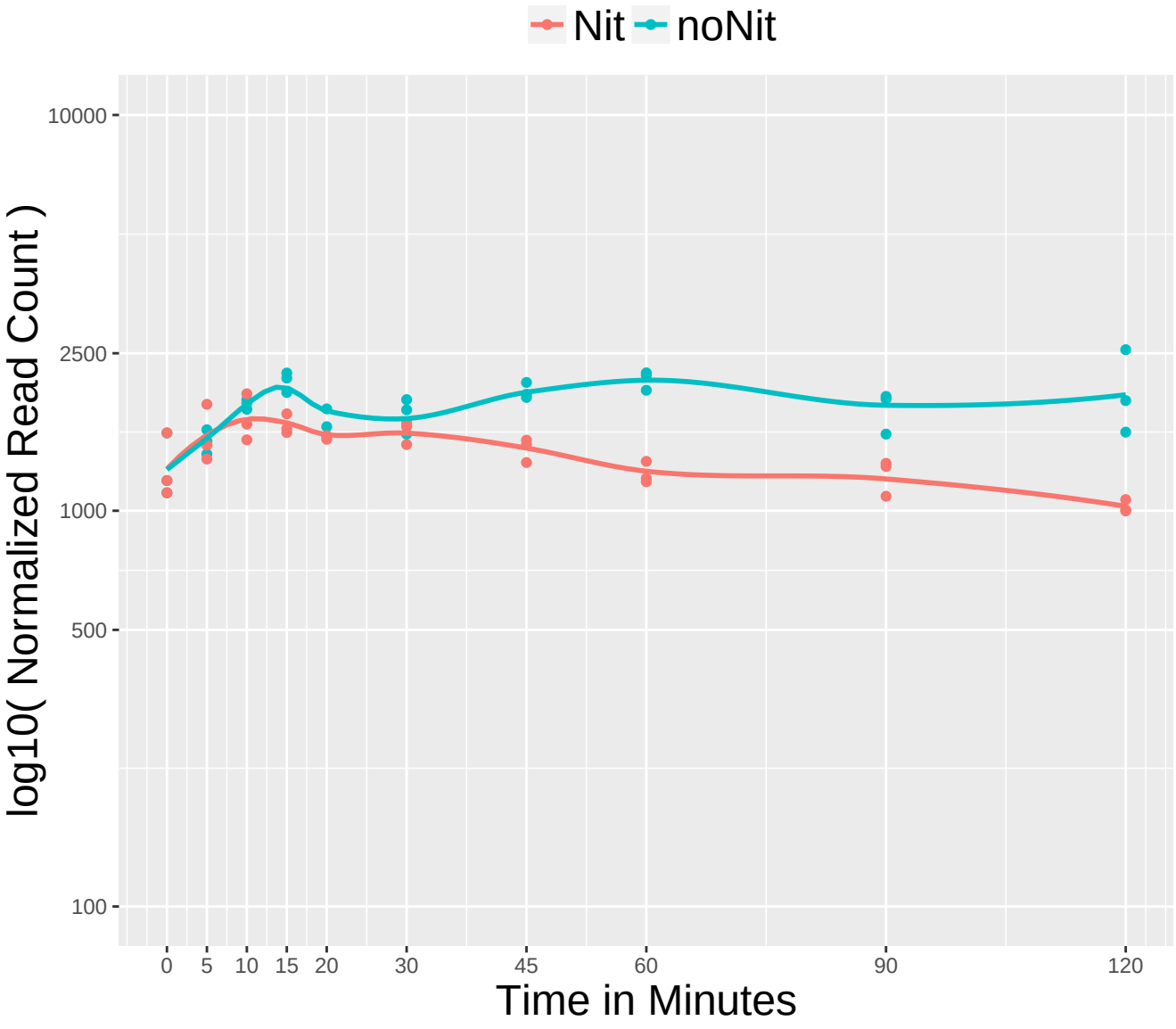

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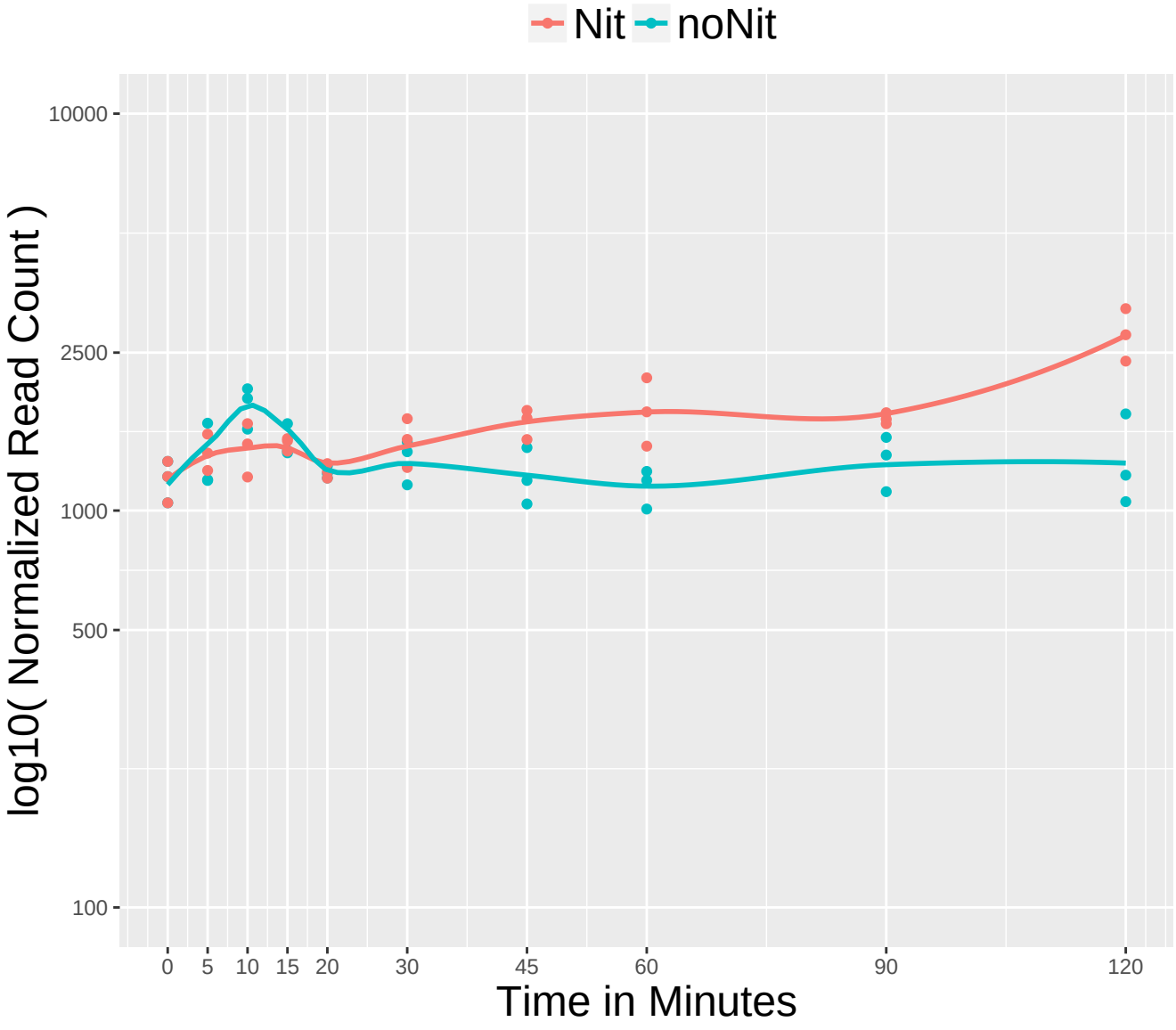

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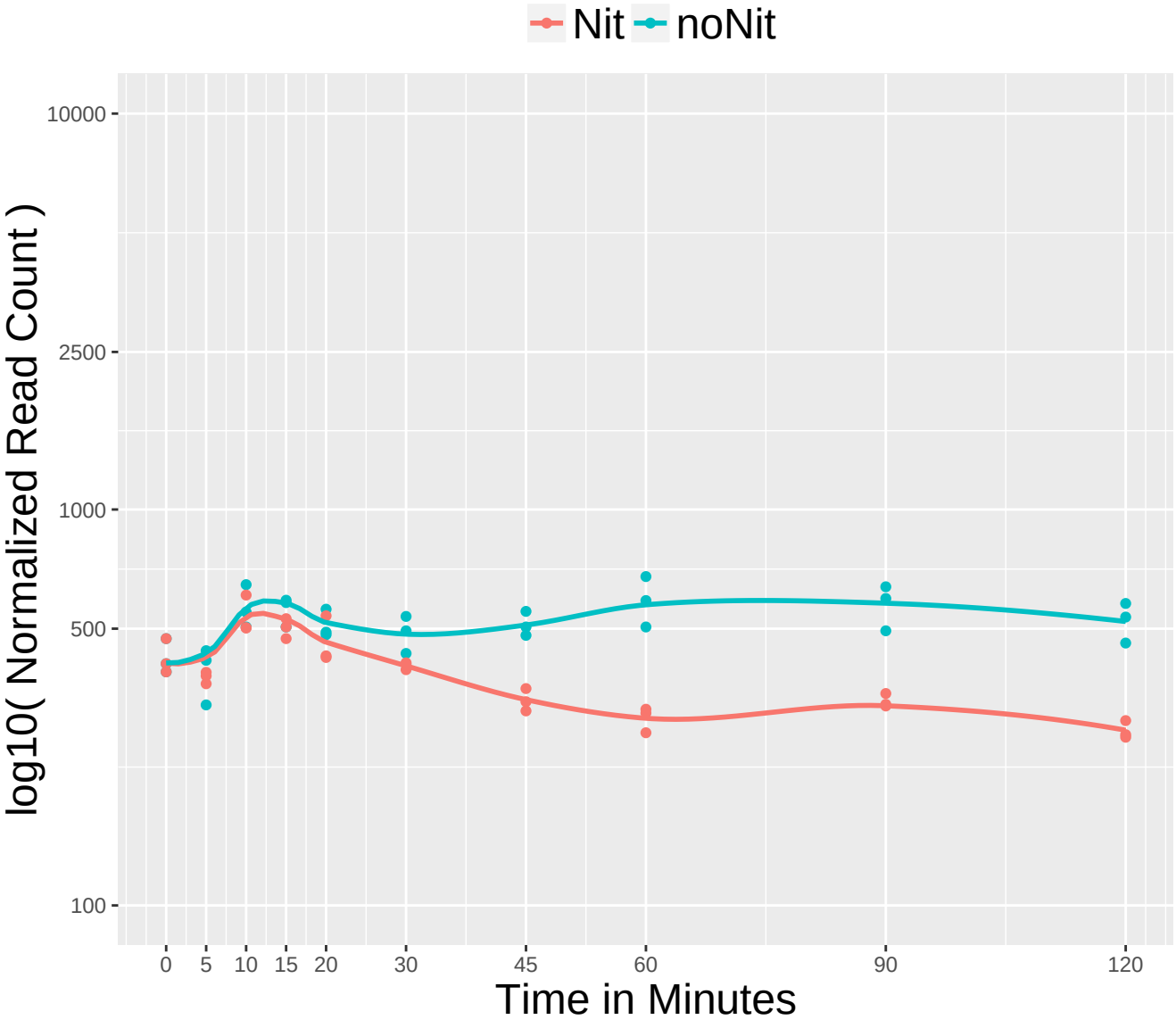

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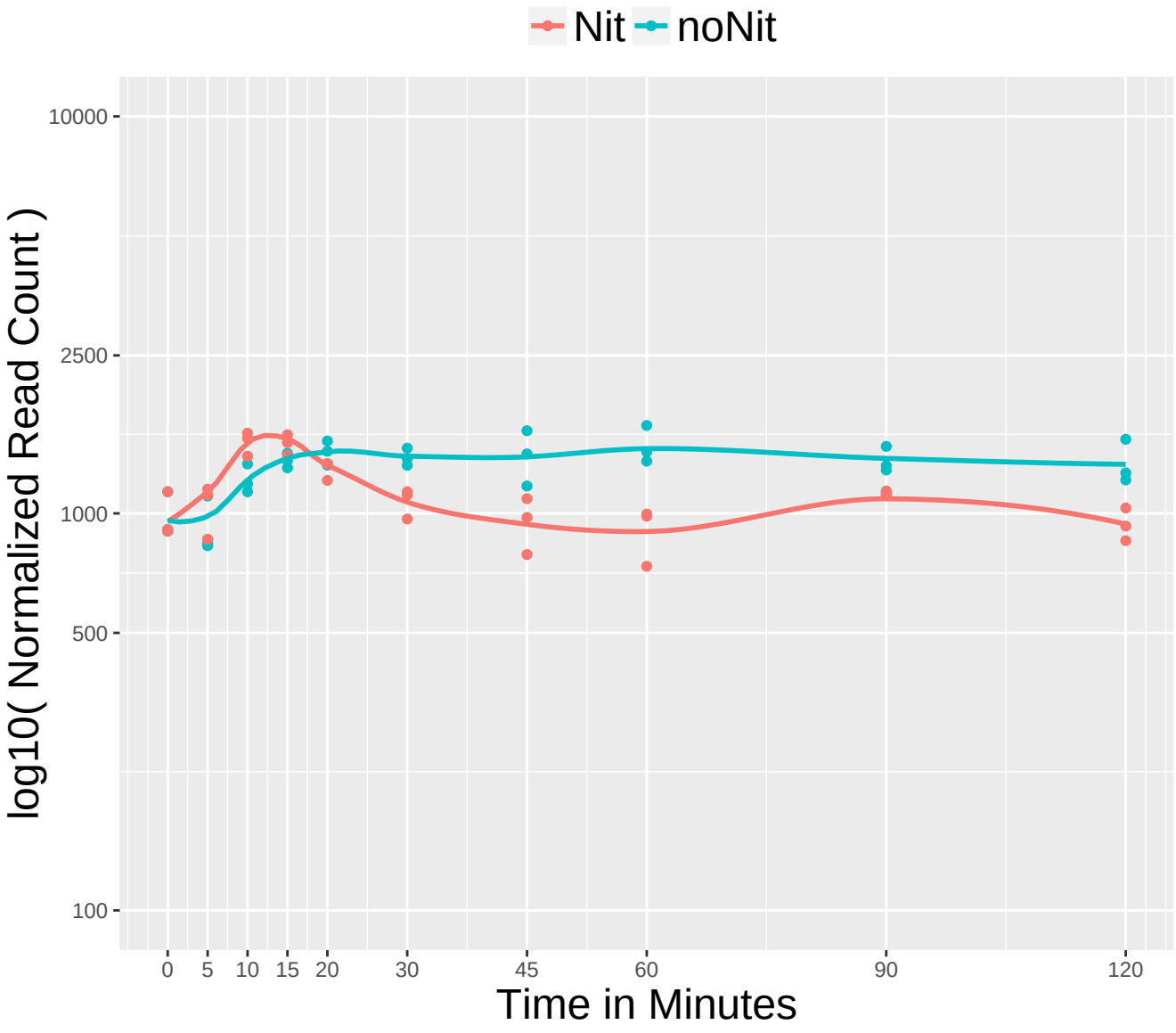

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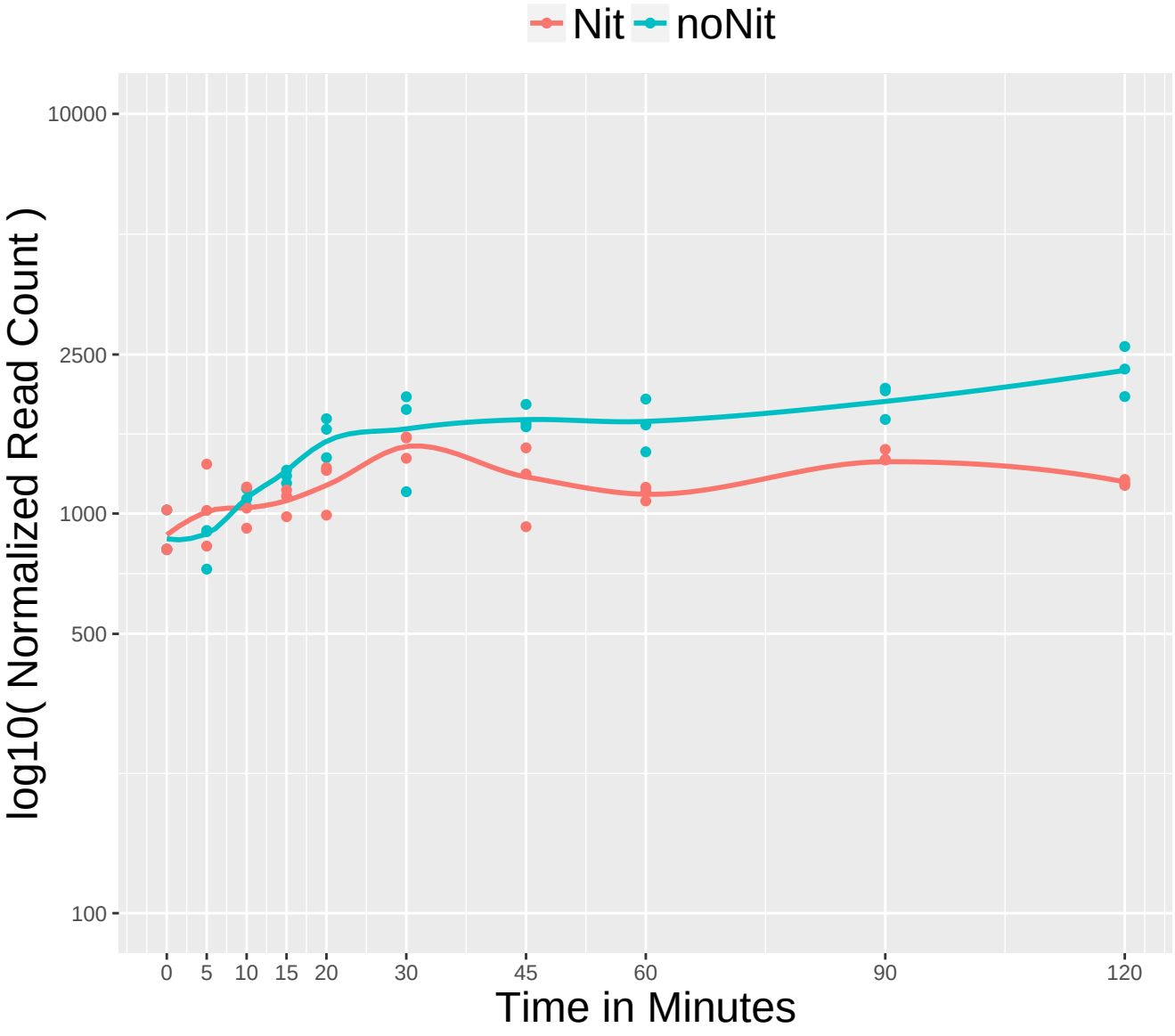

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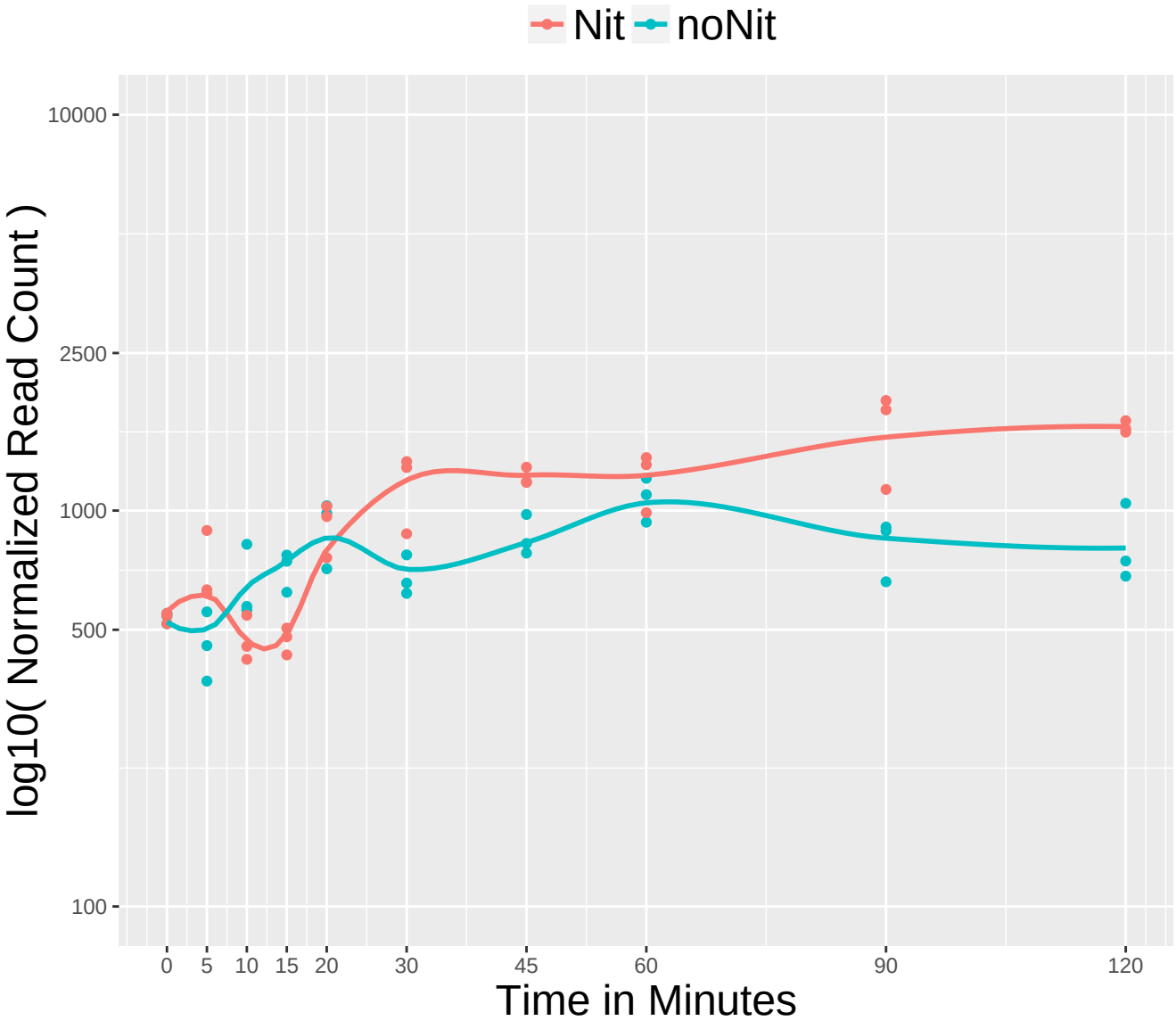

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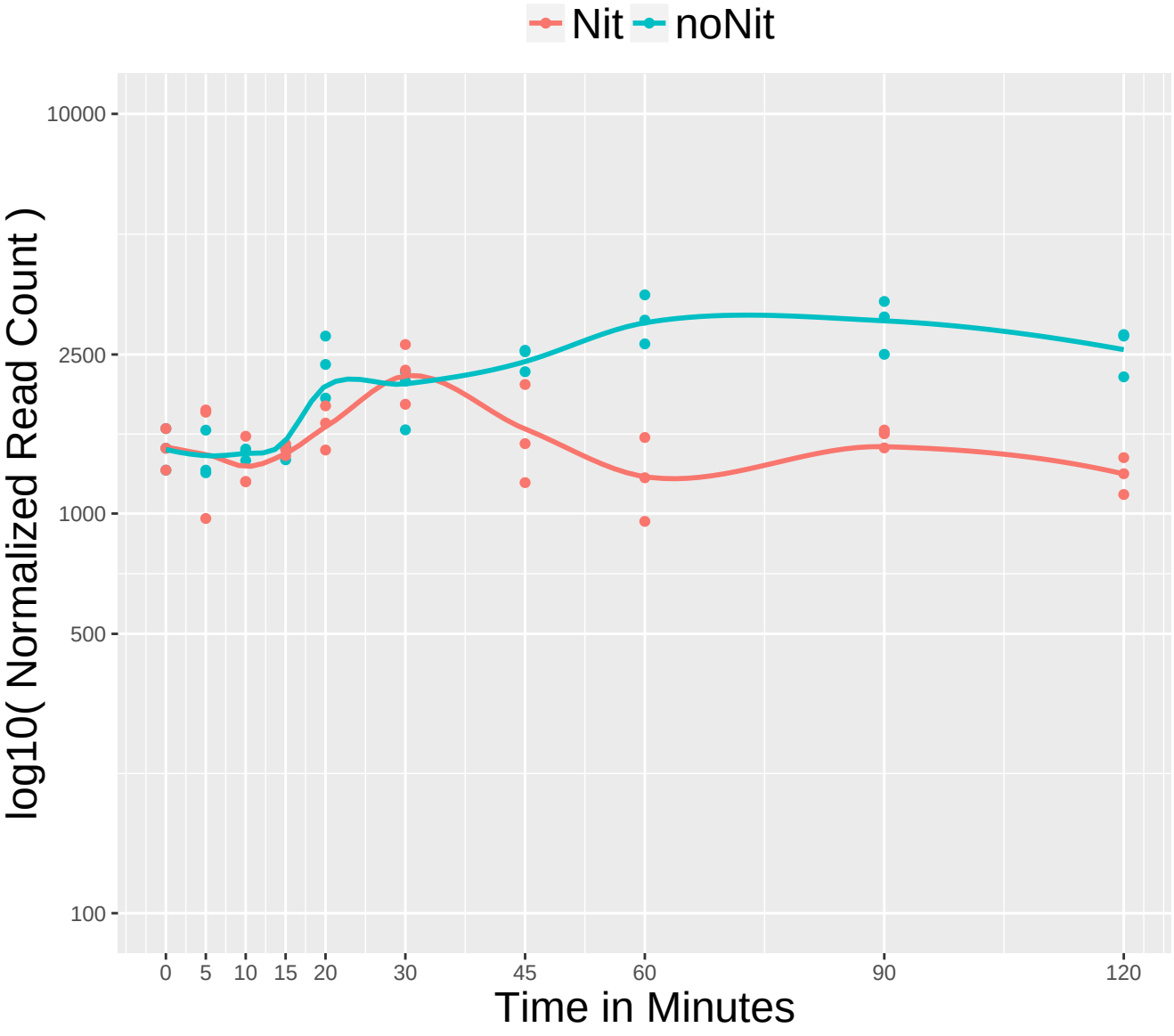

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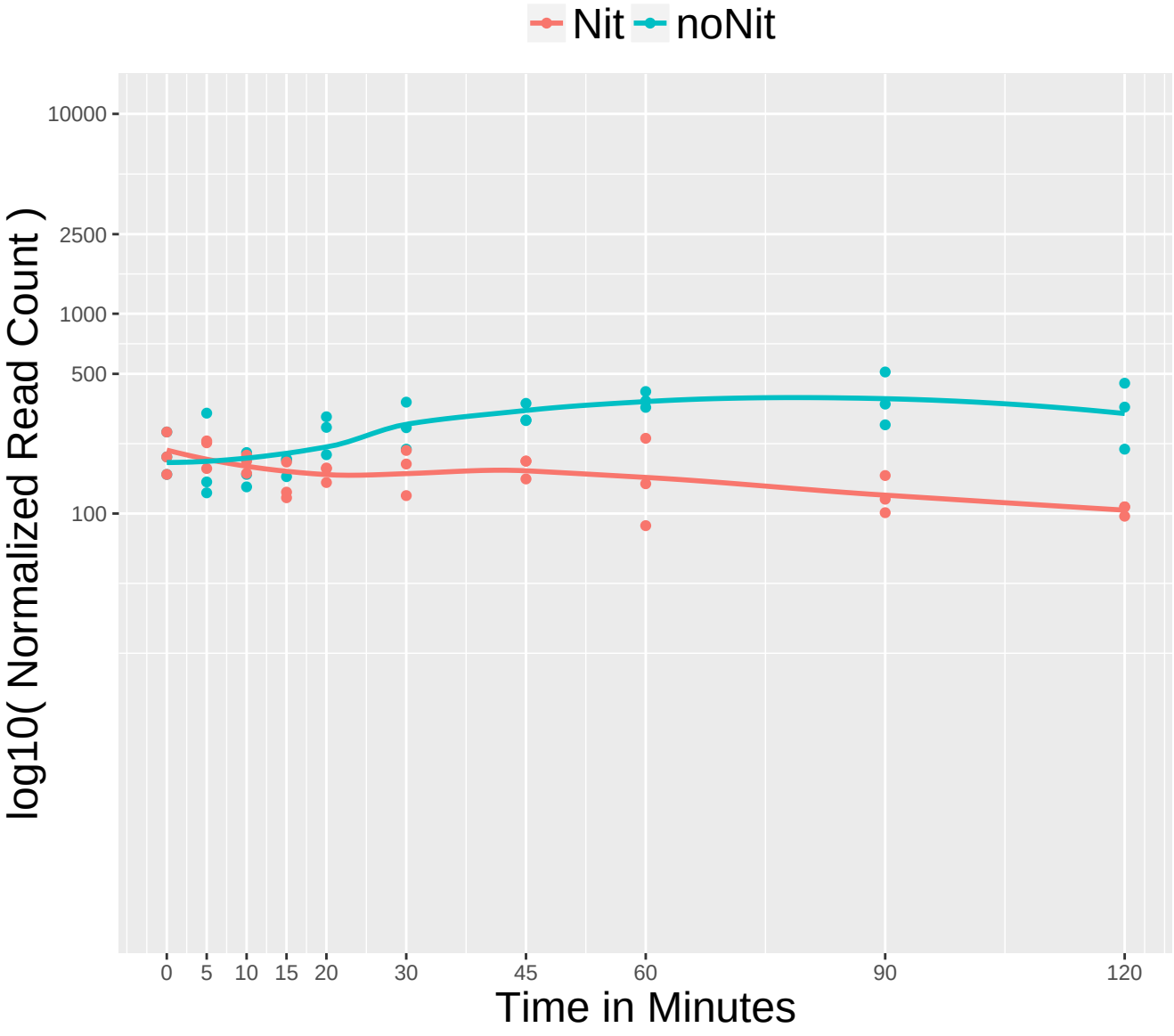

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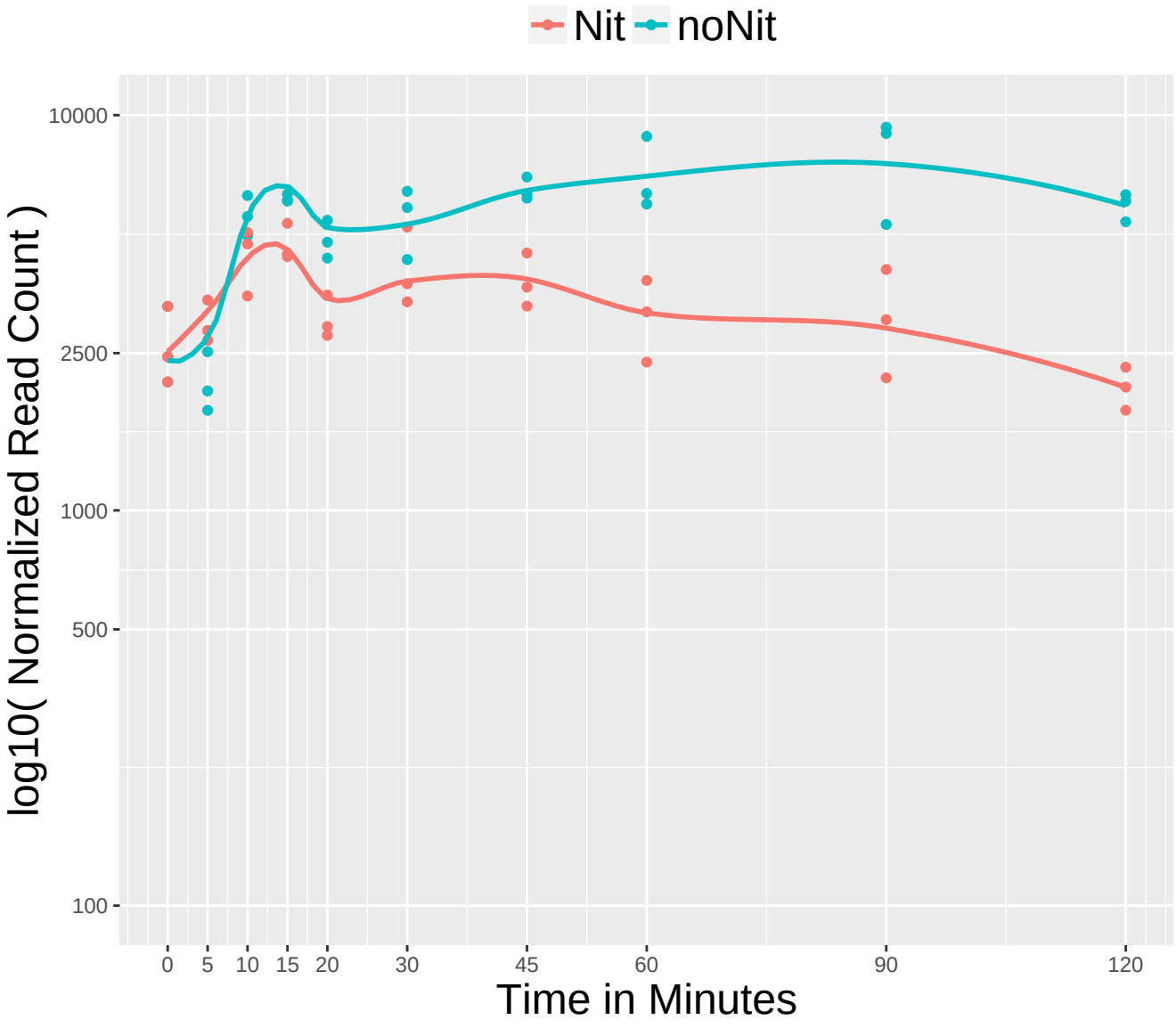
UGT71C1,UDP−glucosyl



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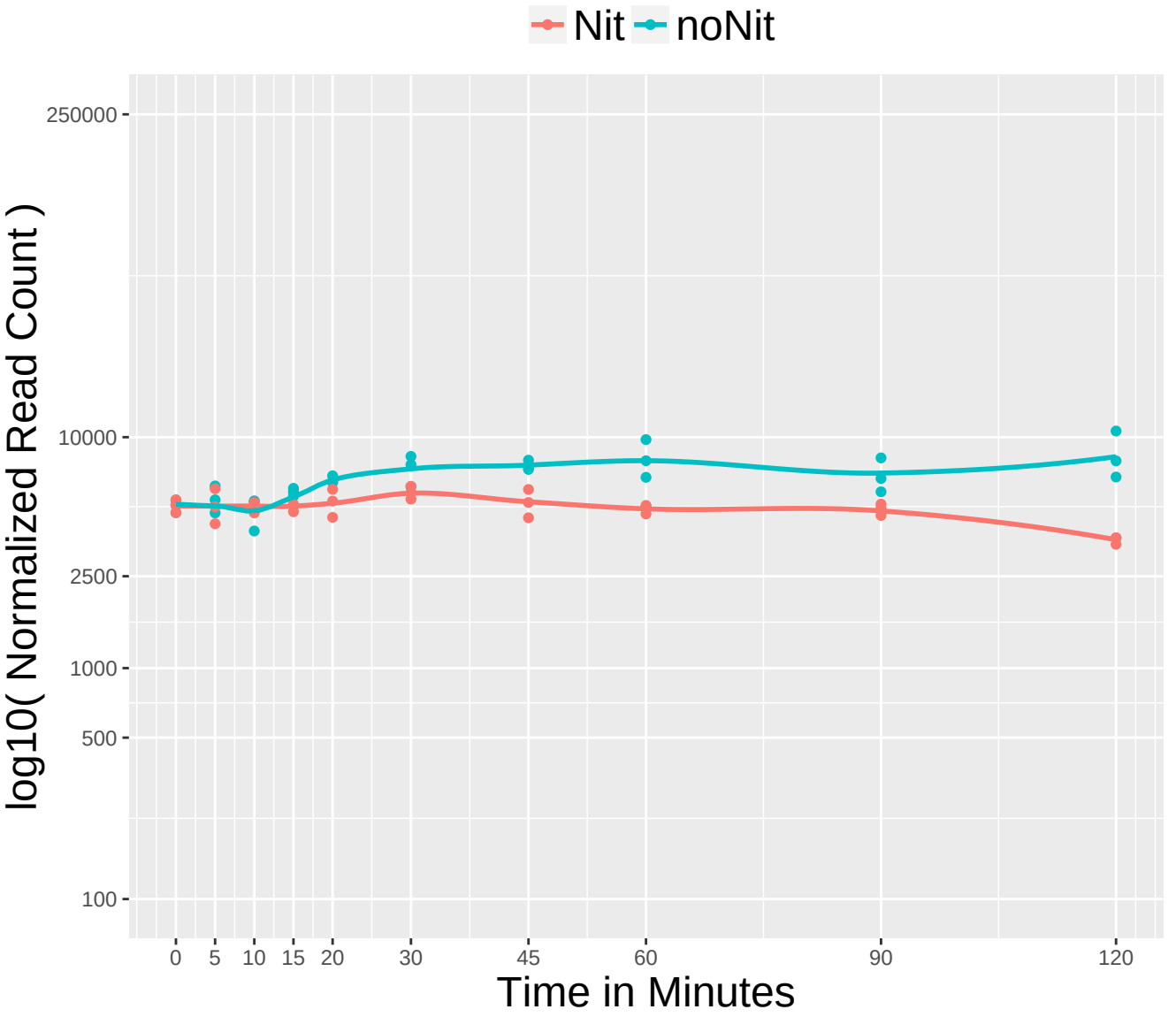
ABCC2,ATP−binding



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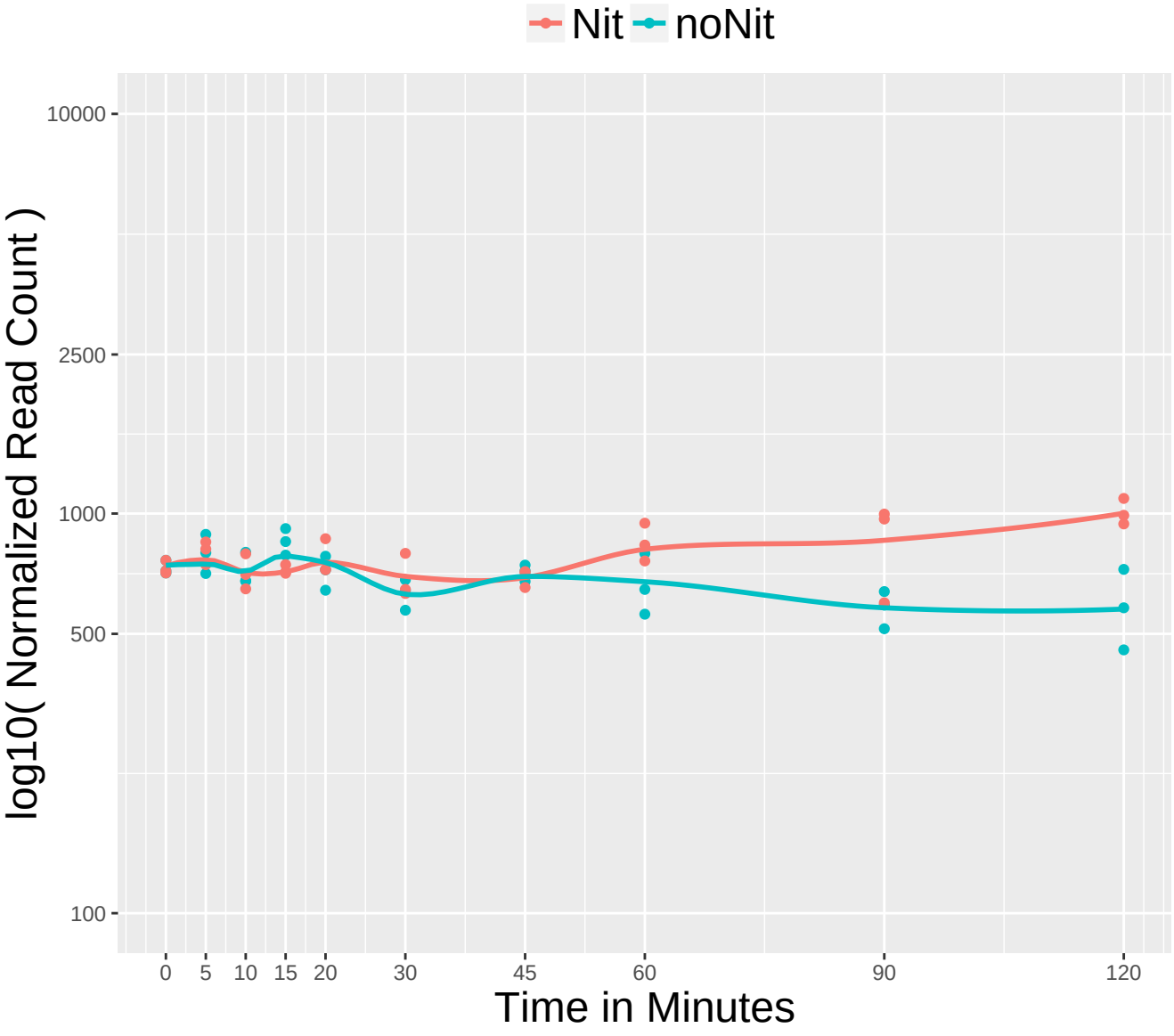
Protein



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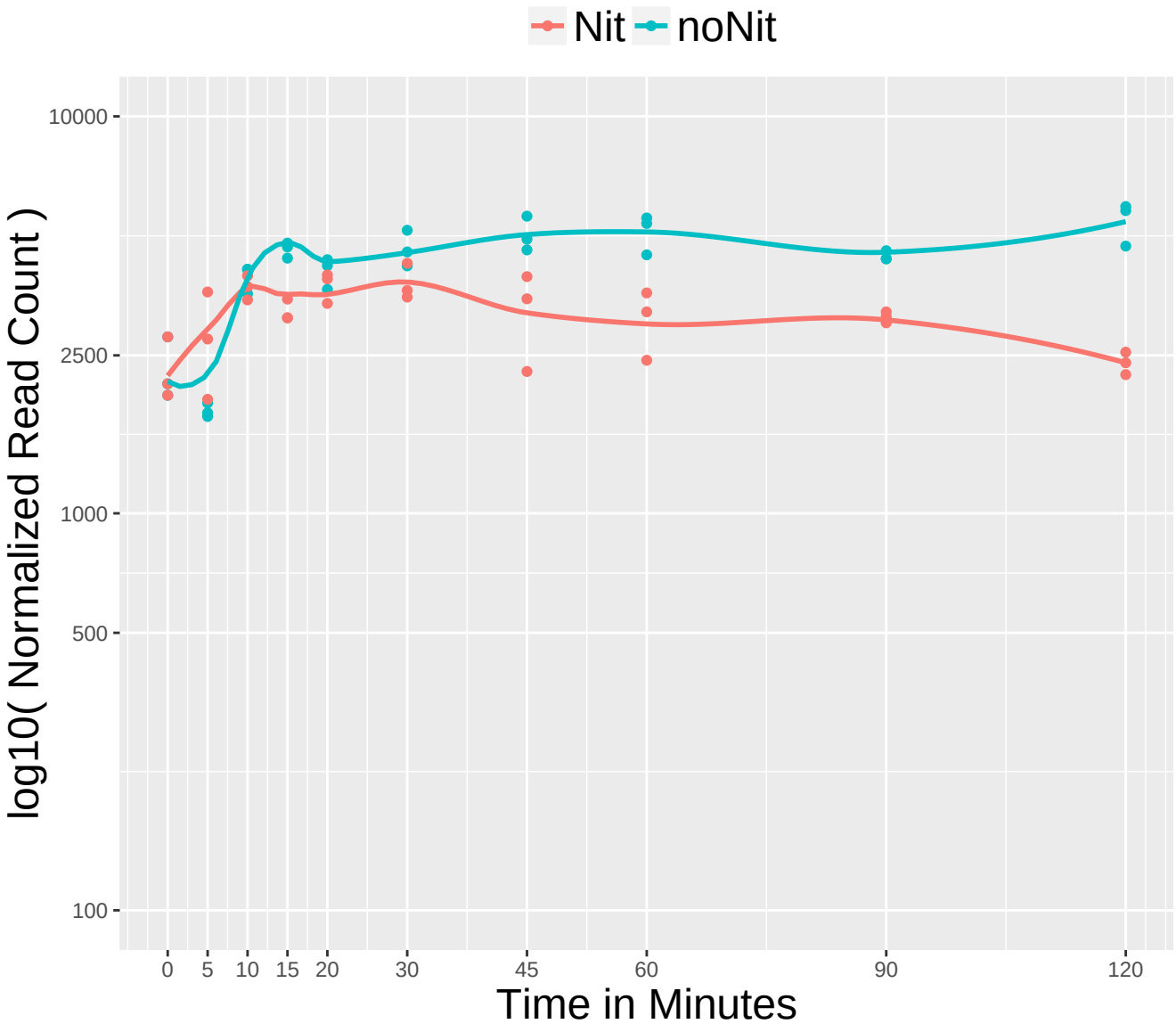
ATCSLD3,CELLULOSE



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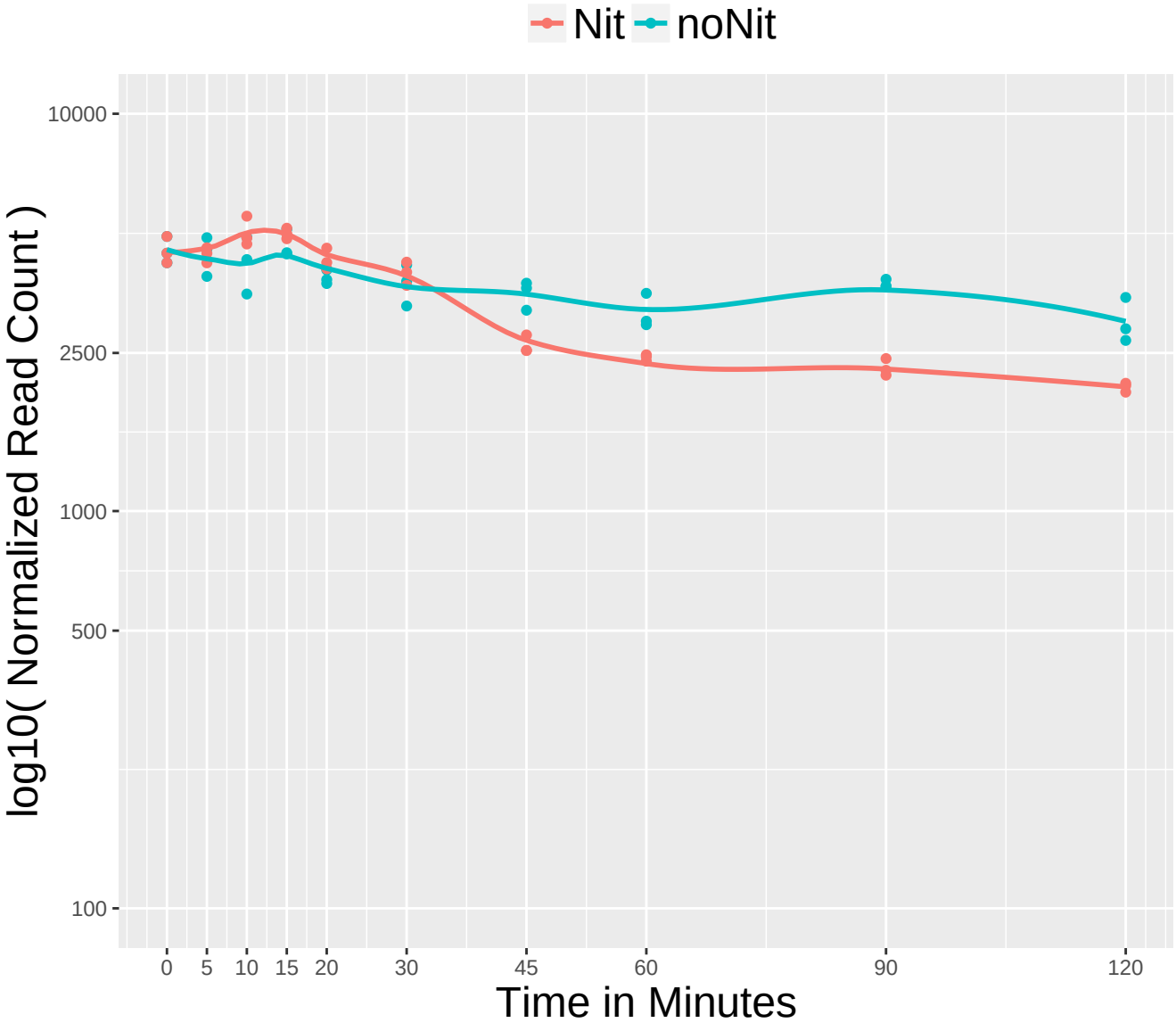
ATPUB9,ARABIDOPSIS



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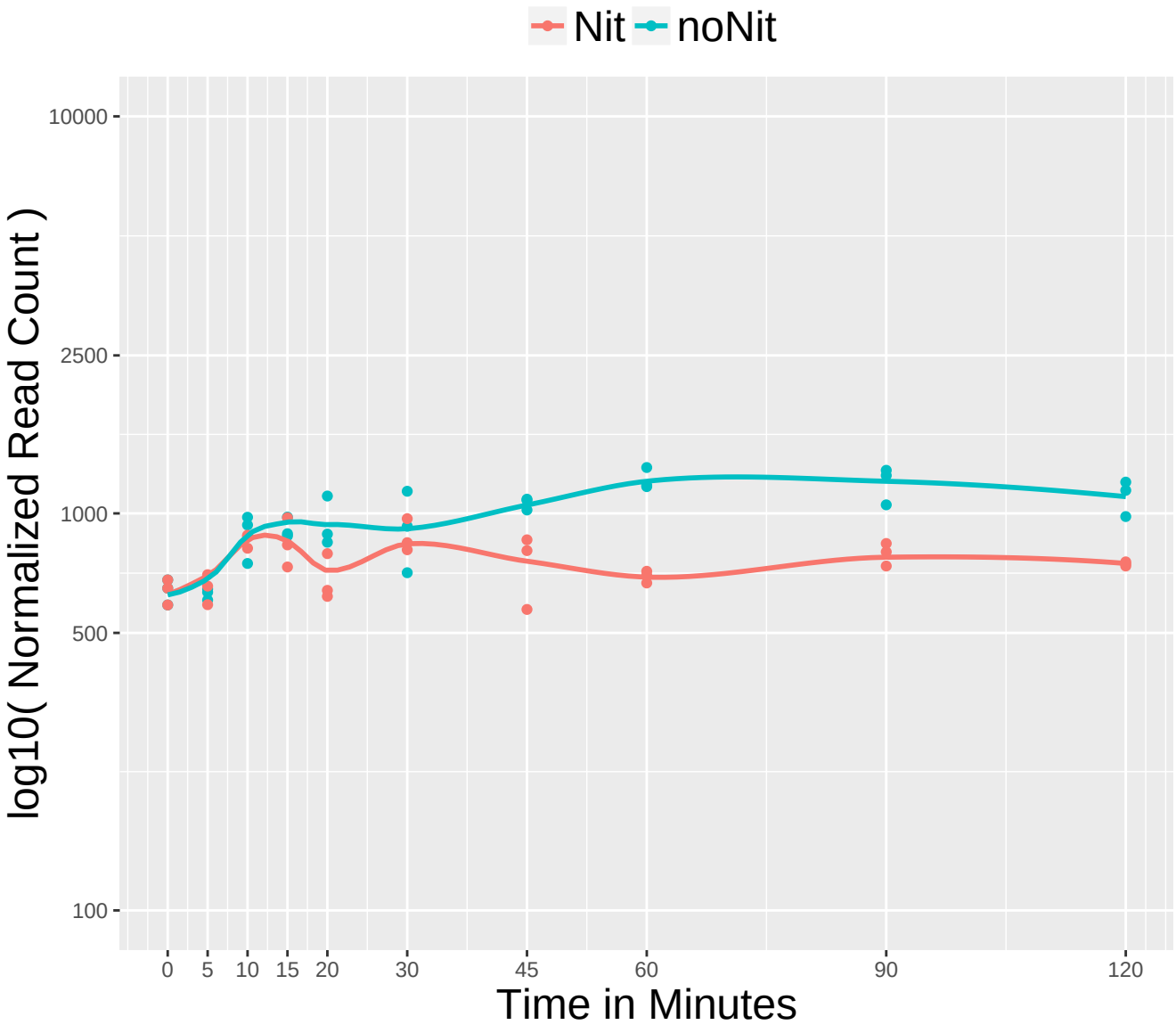
DGD1,DIGALACTOSYL



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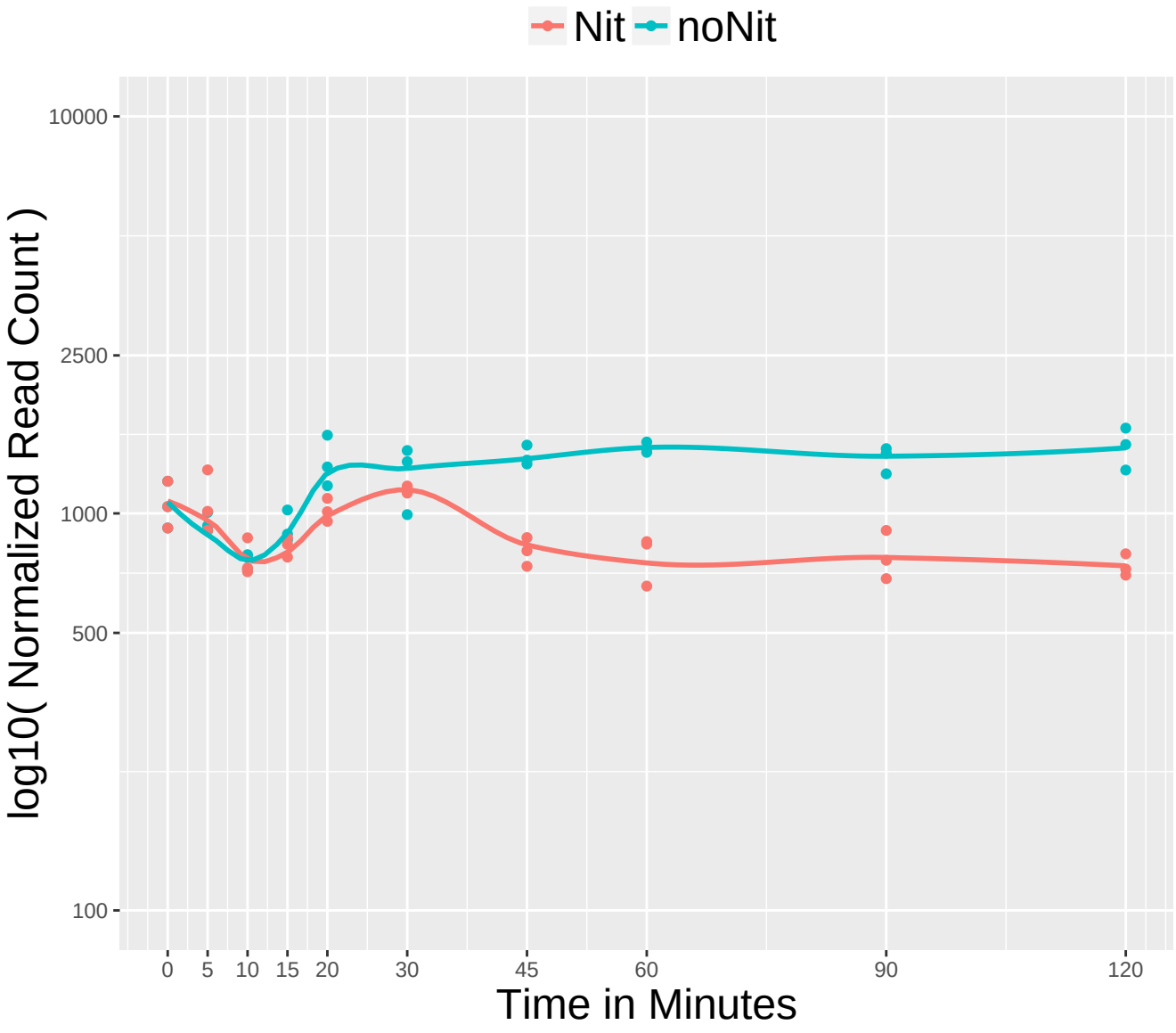
PUT5,POLYAMINE



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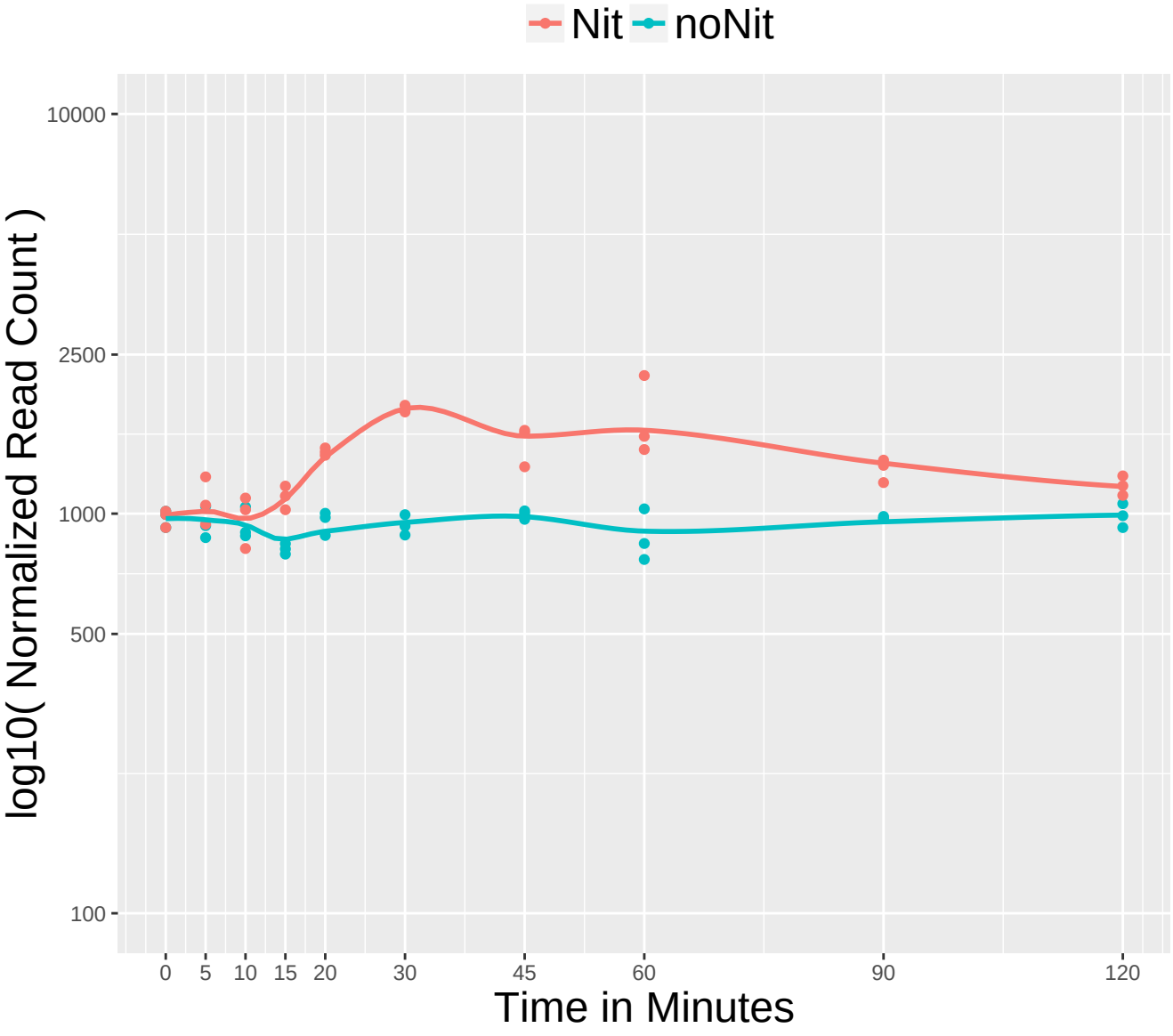
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AT3G45210

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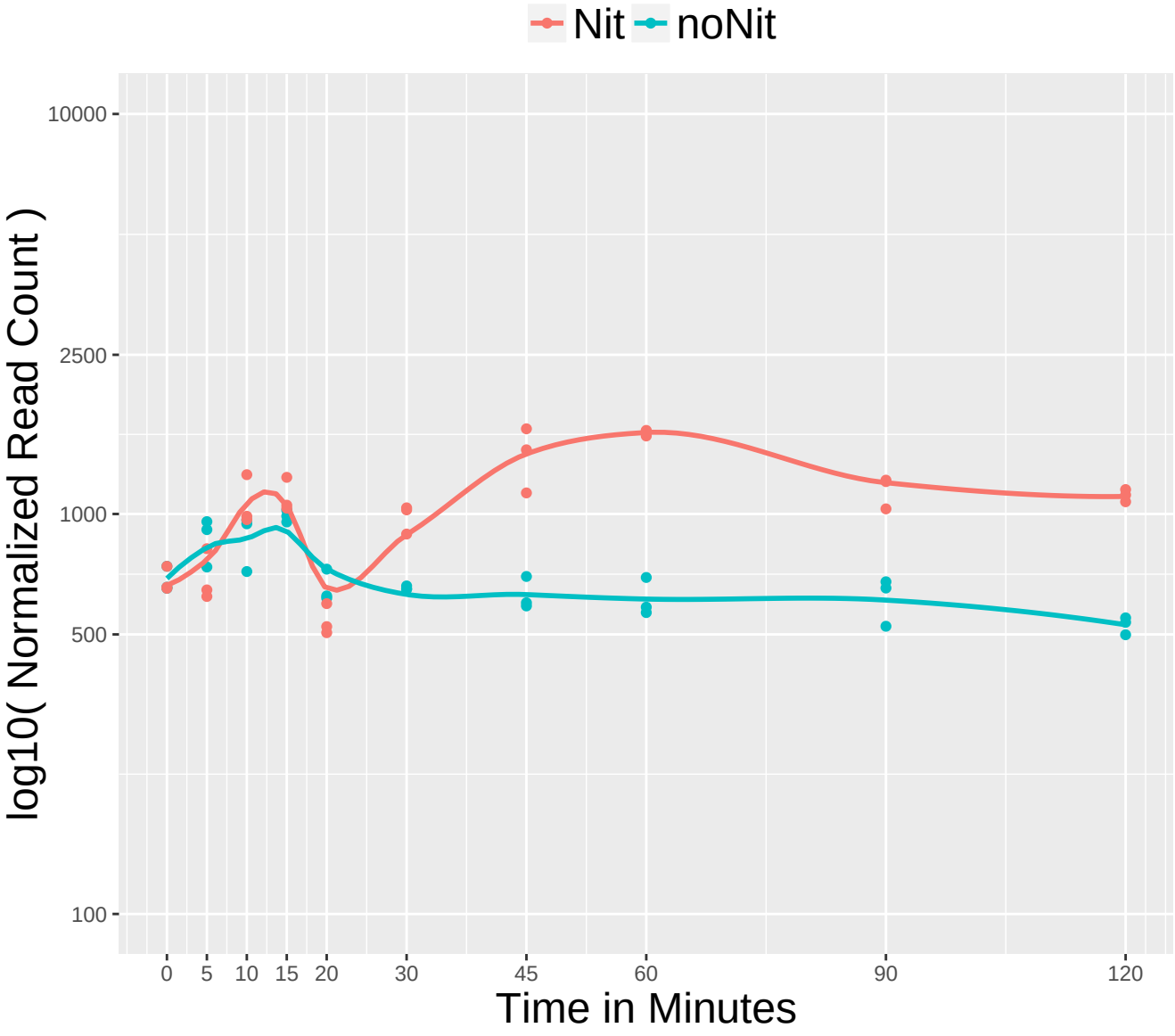

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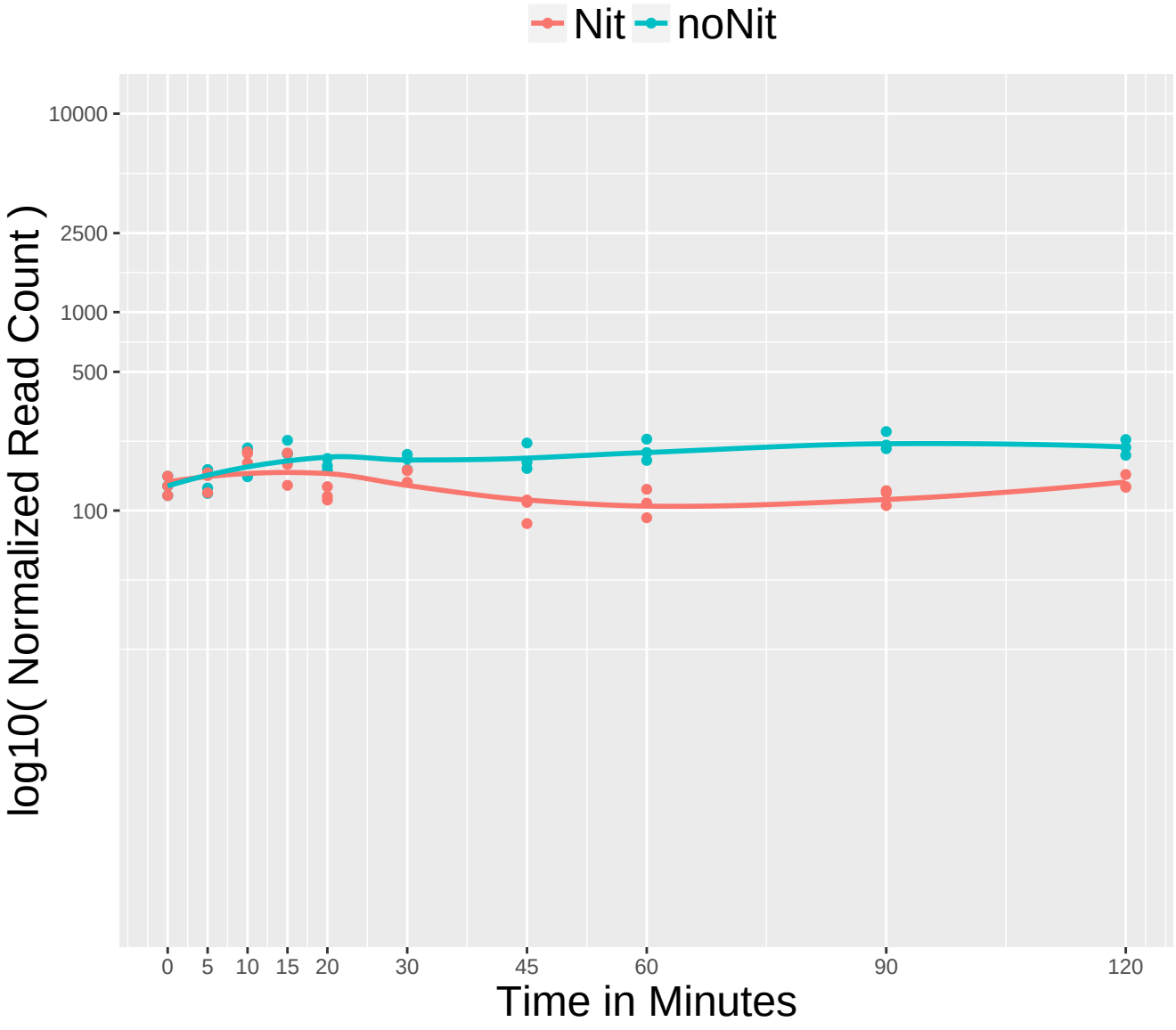
ITPK2,inositol



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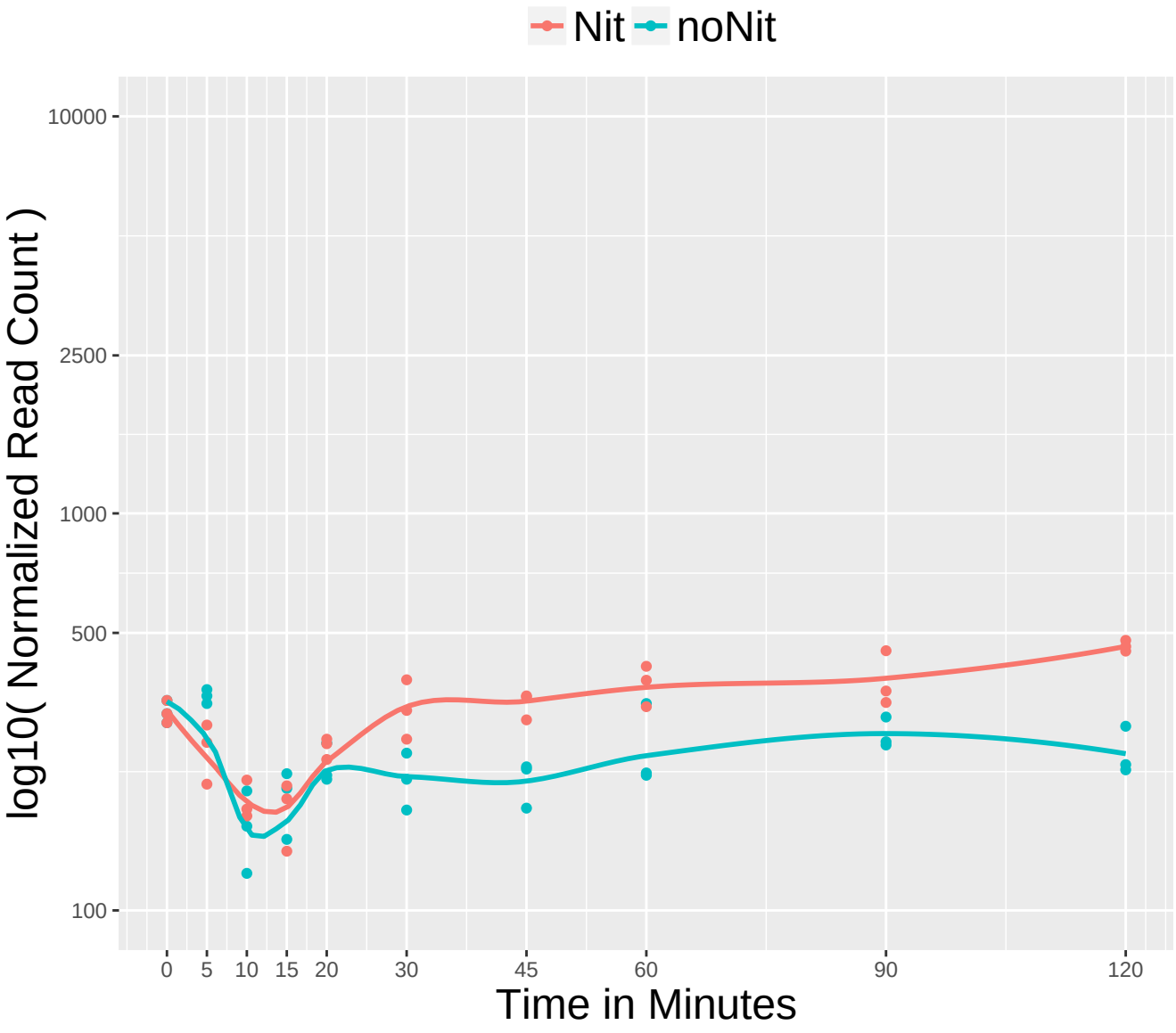

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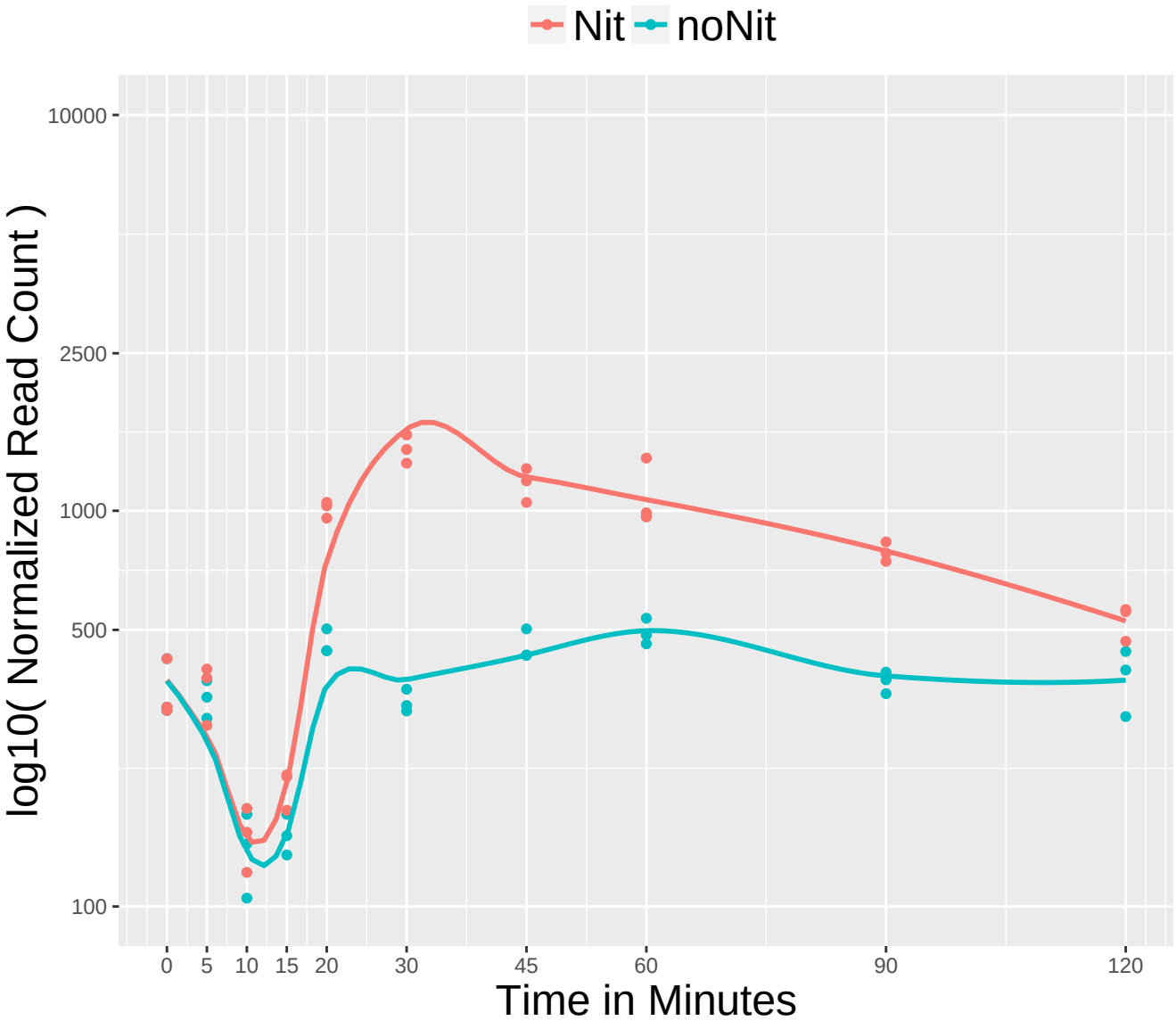
Cysteine



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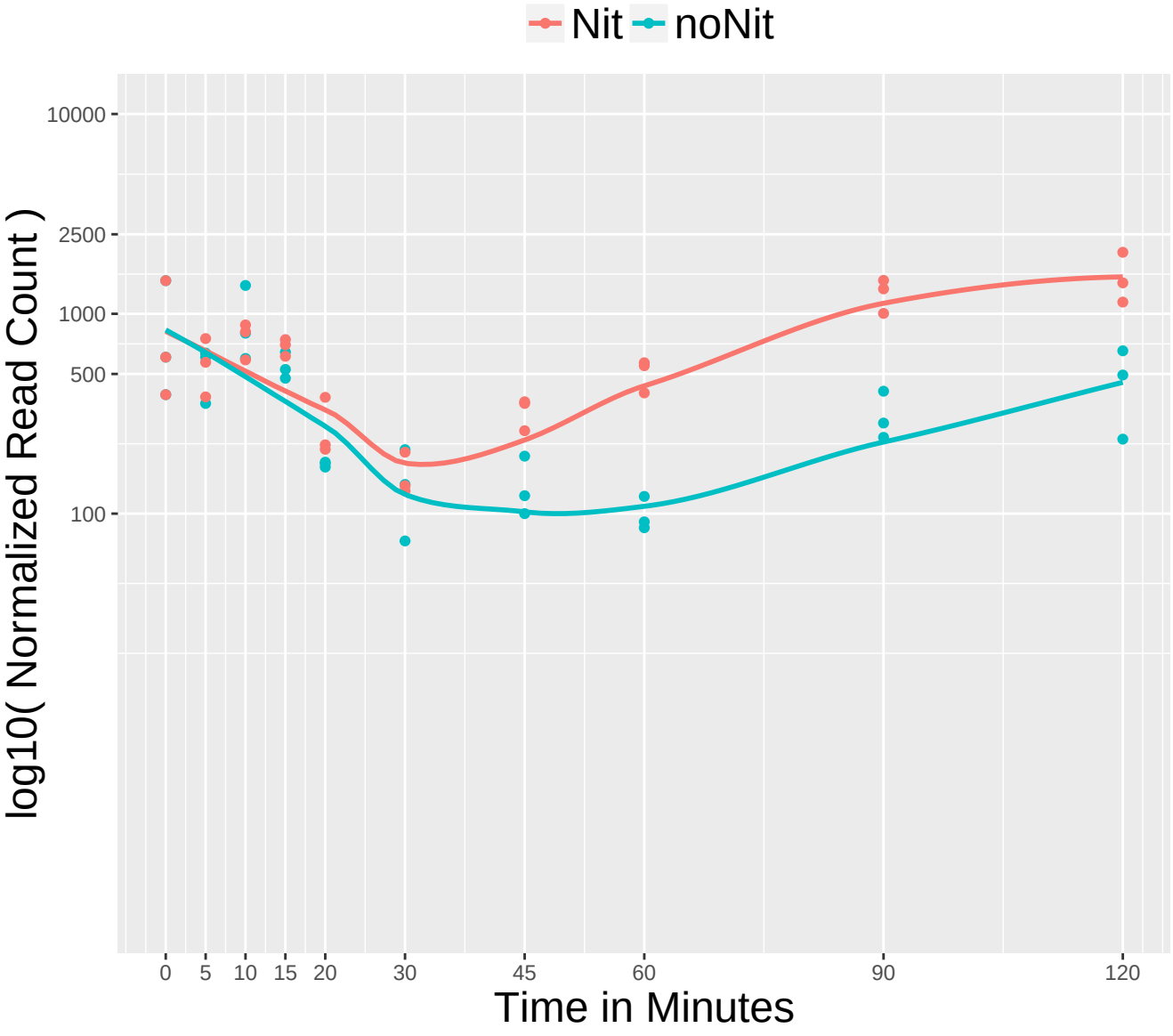
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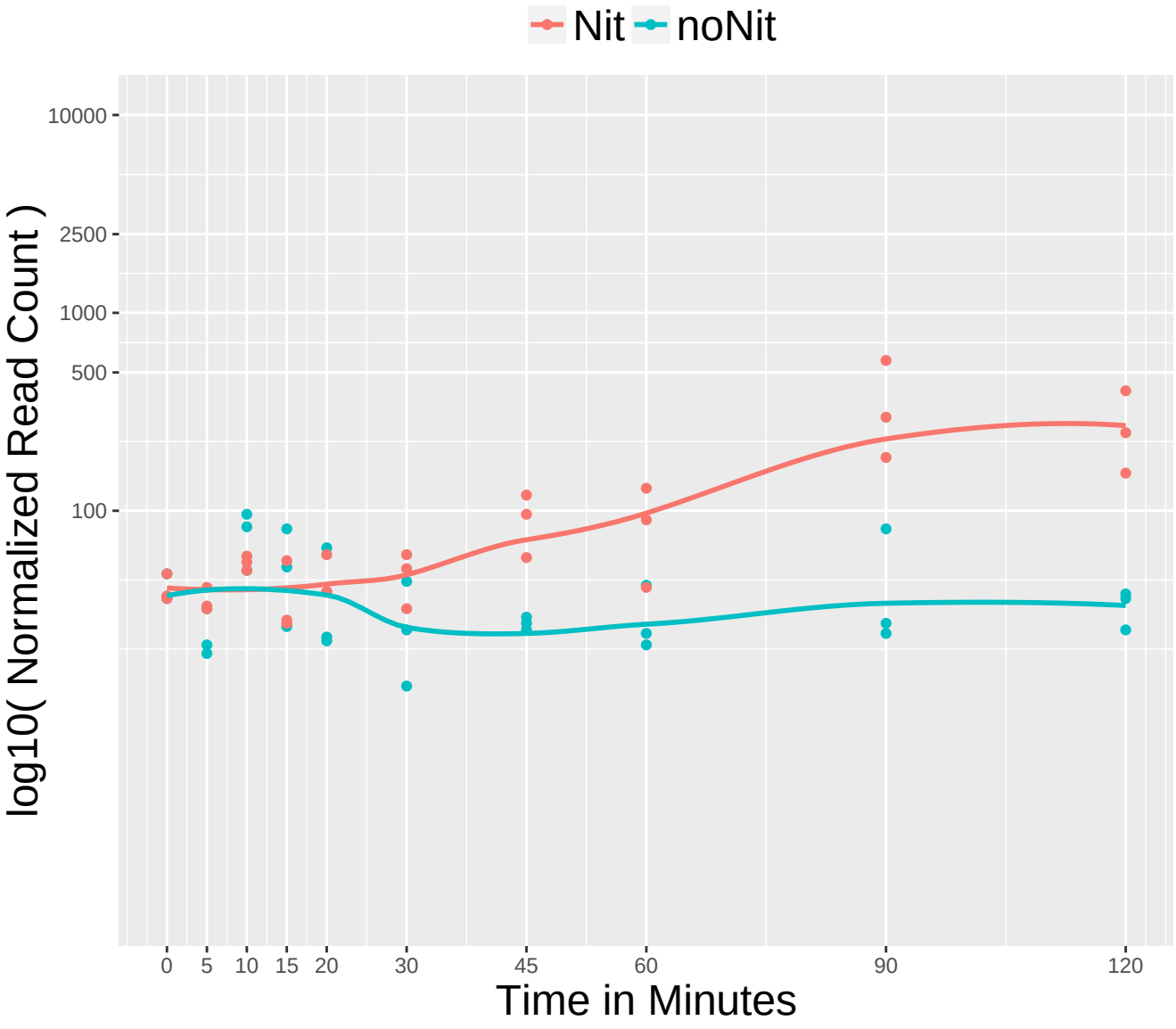
Time in Minutes

AT5G07050

UMAMIT9,Usually



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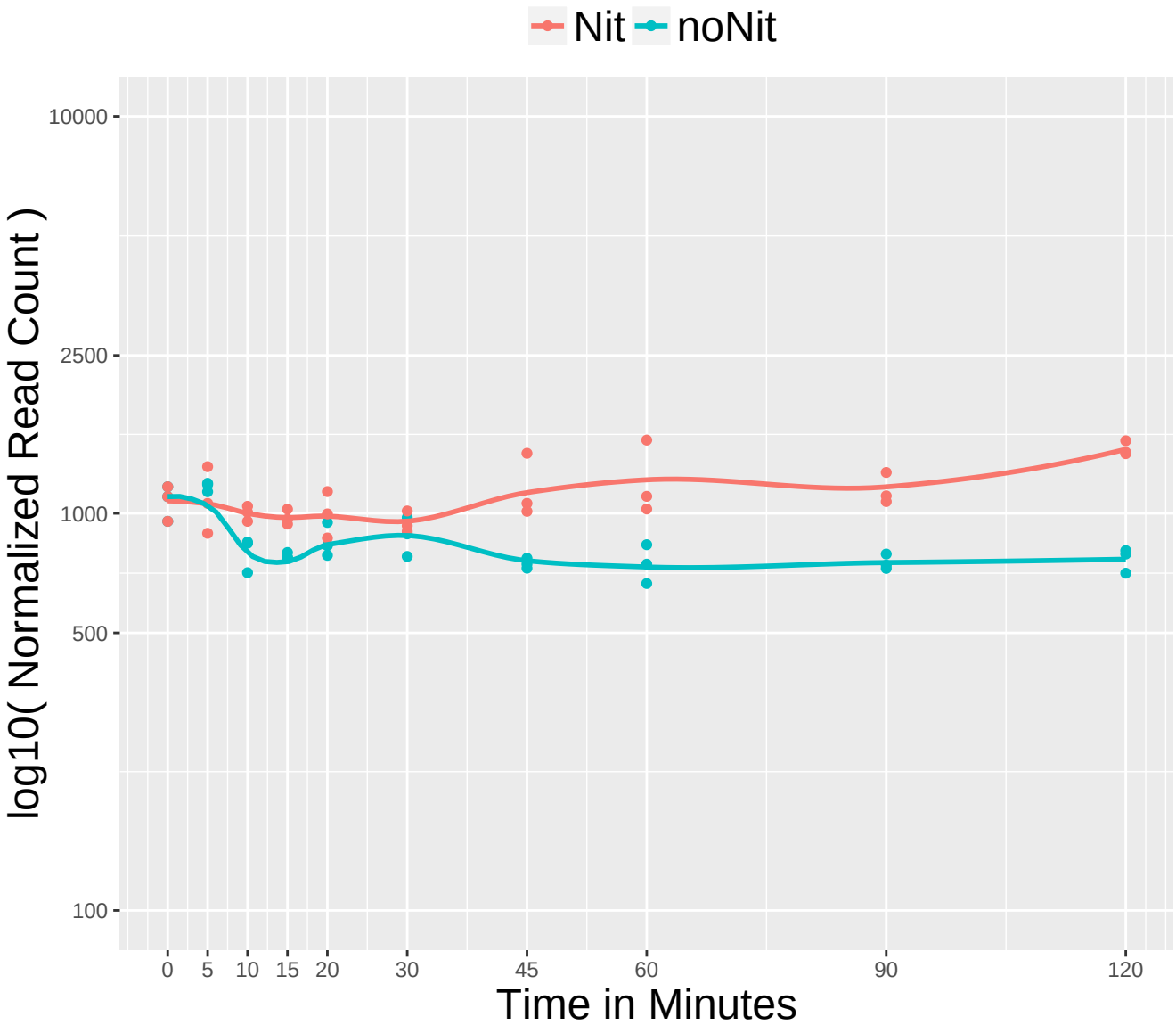

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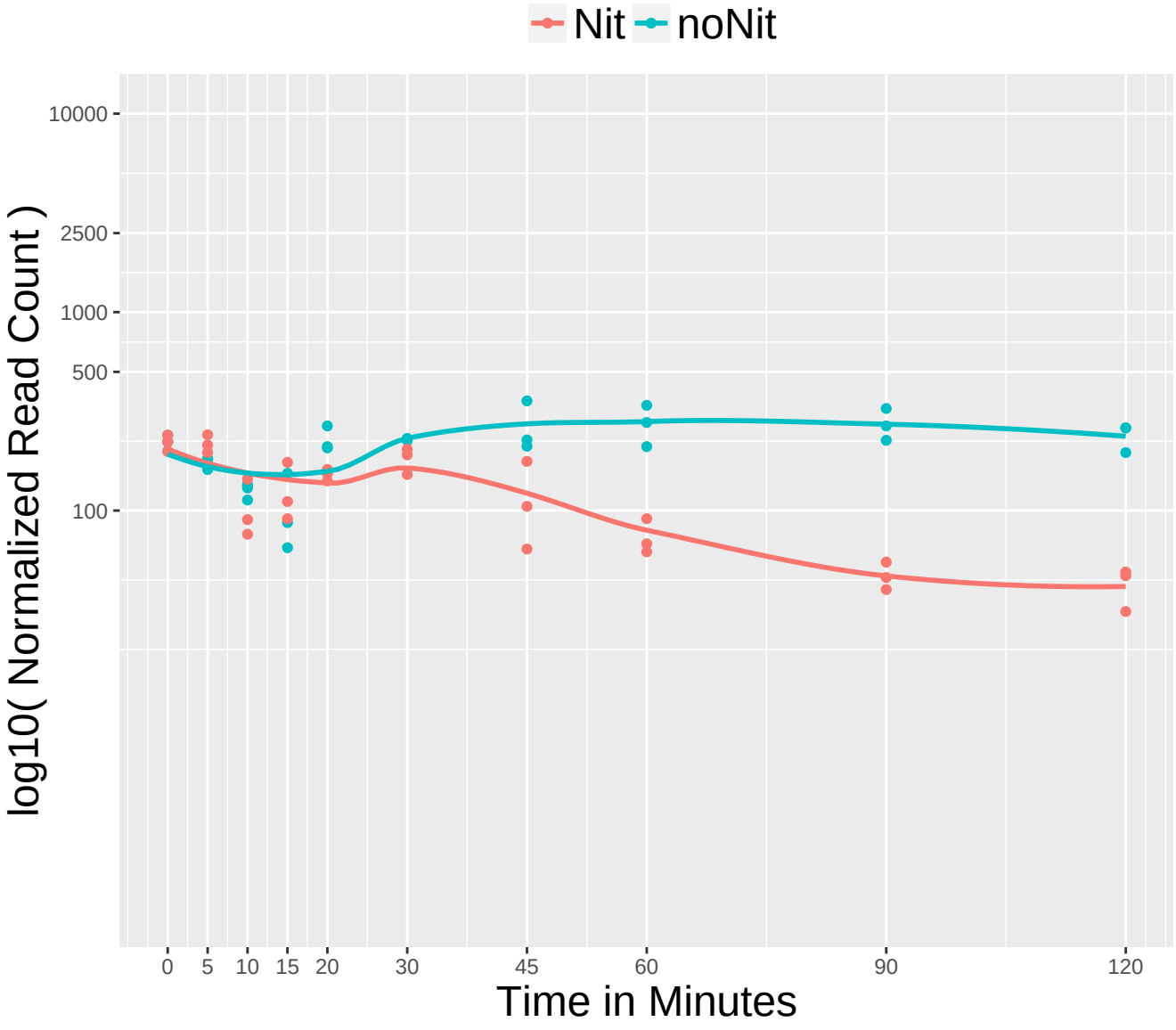

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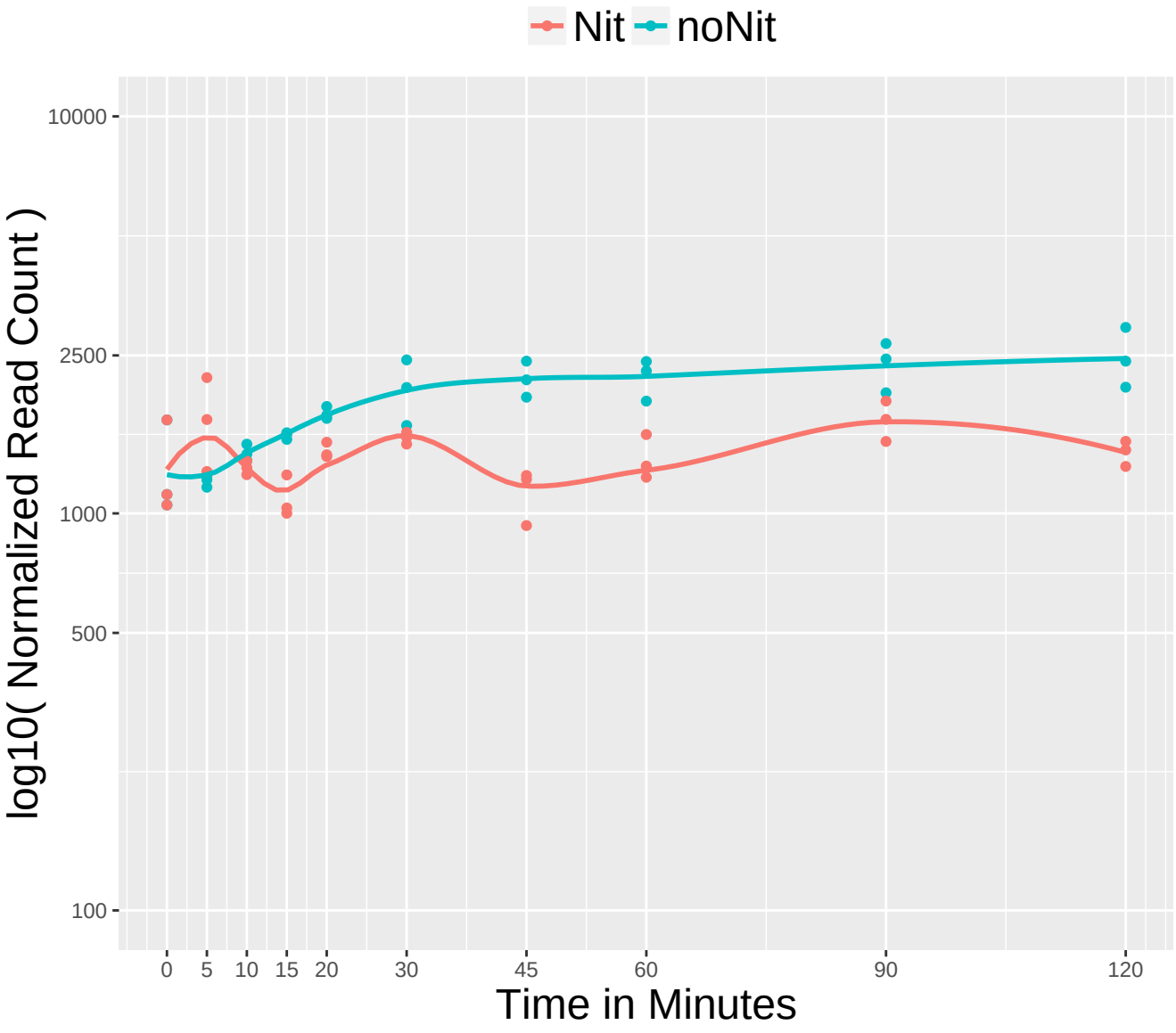
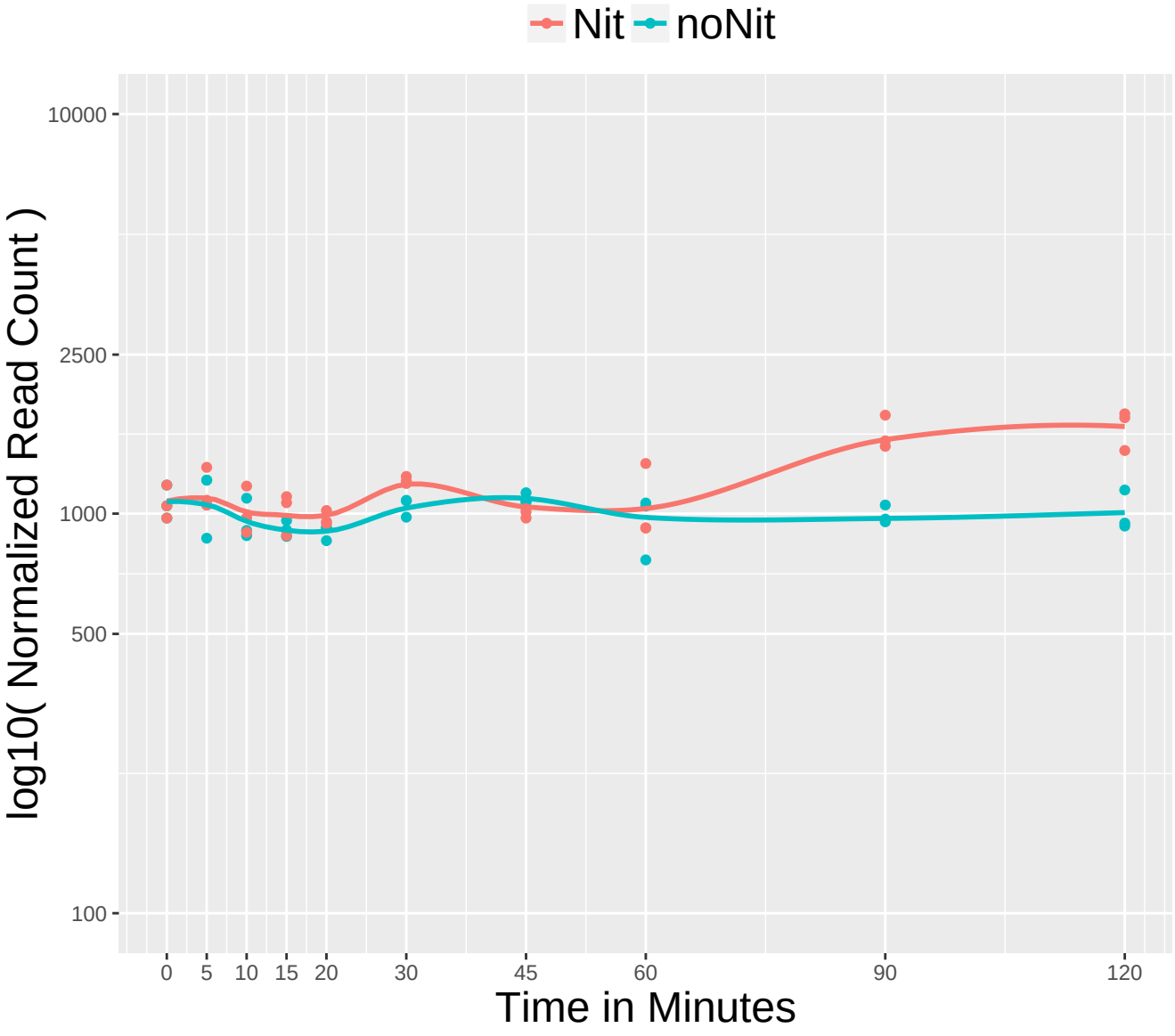


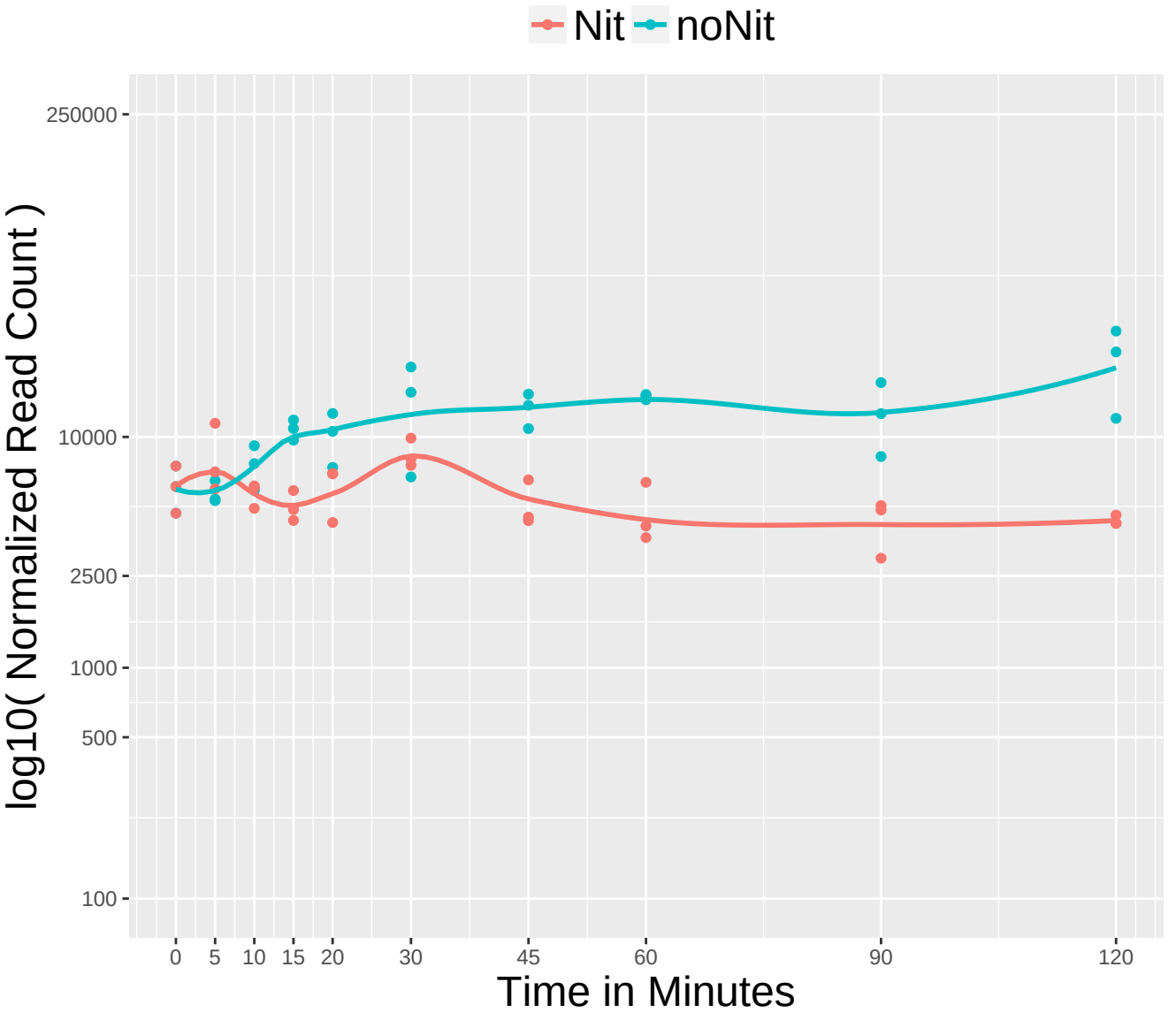
AT1G14330

Galactose



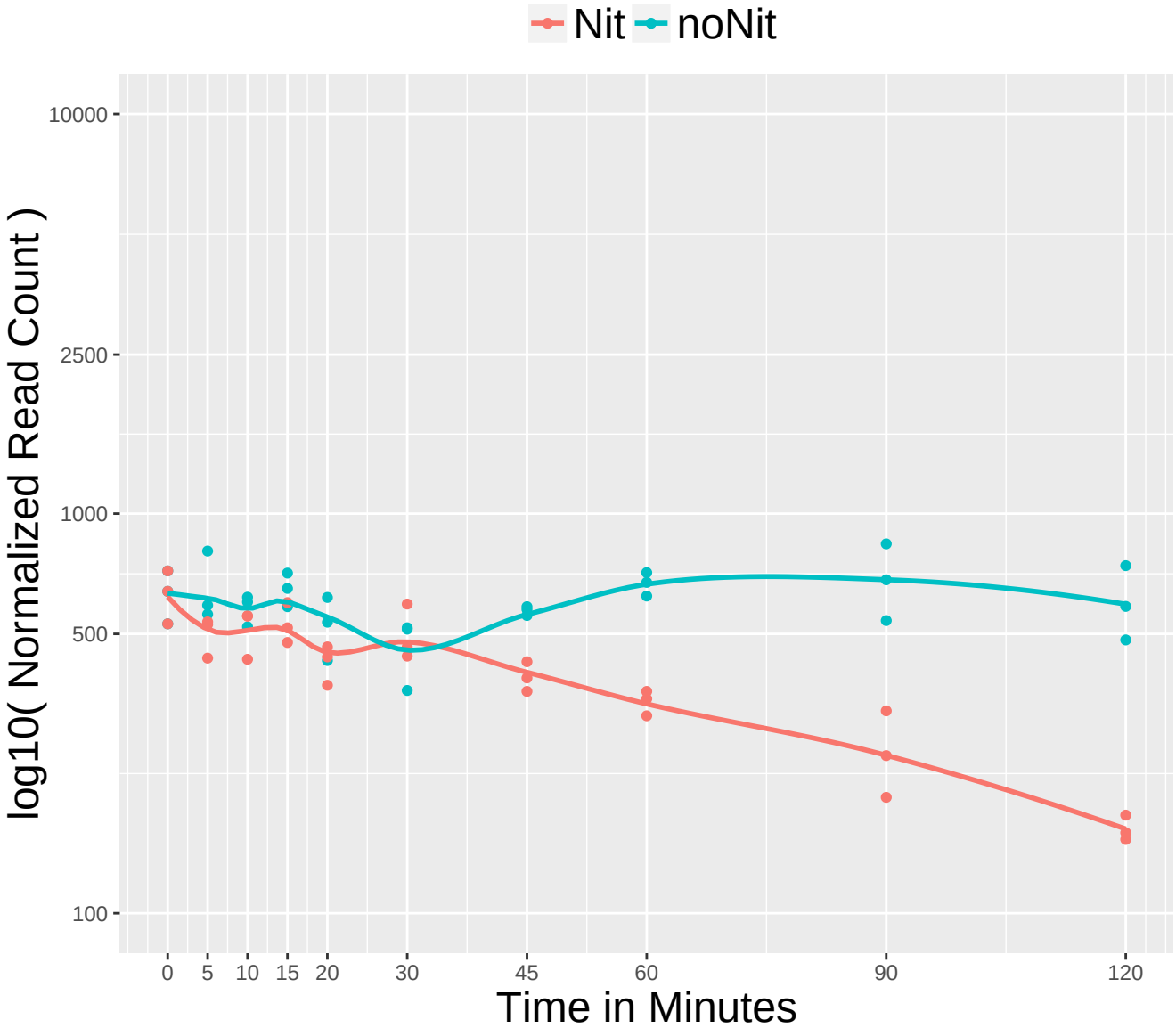
AT1G26380

FAD−binding



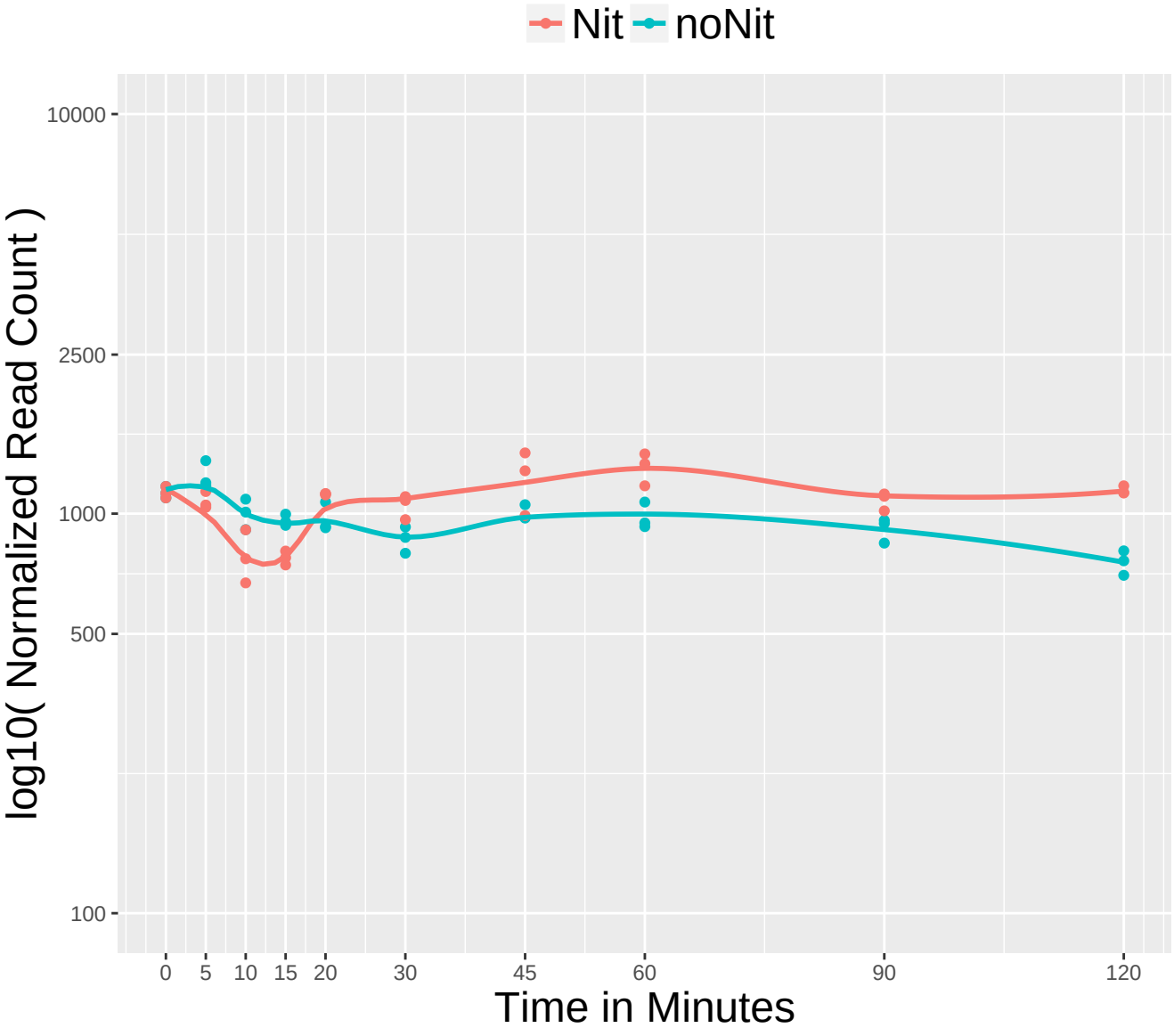
AT1G44160

HSP40/DnaJ



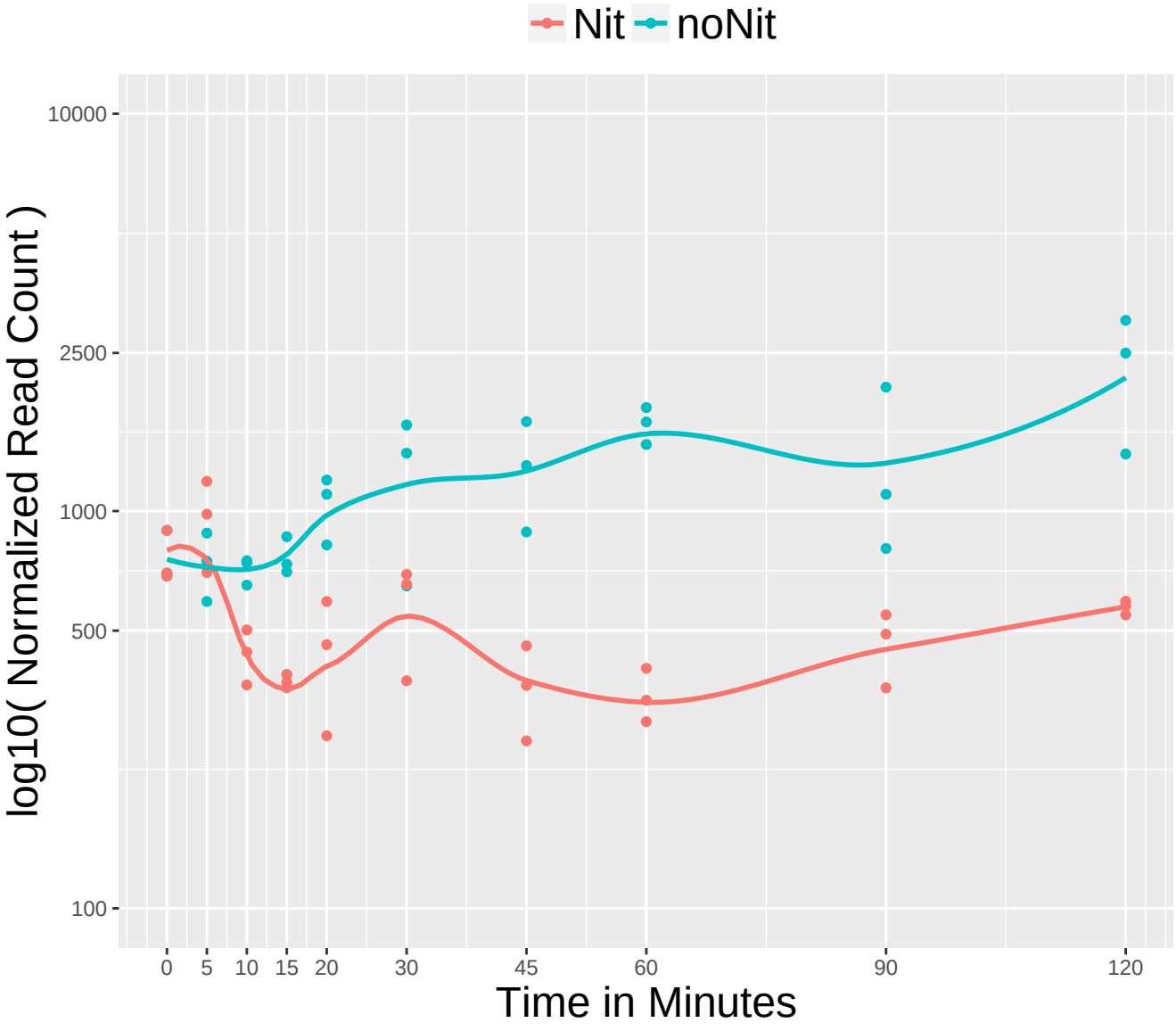
AT1G49850

RING/U−box



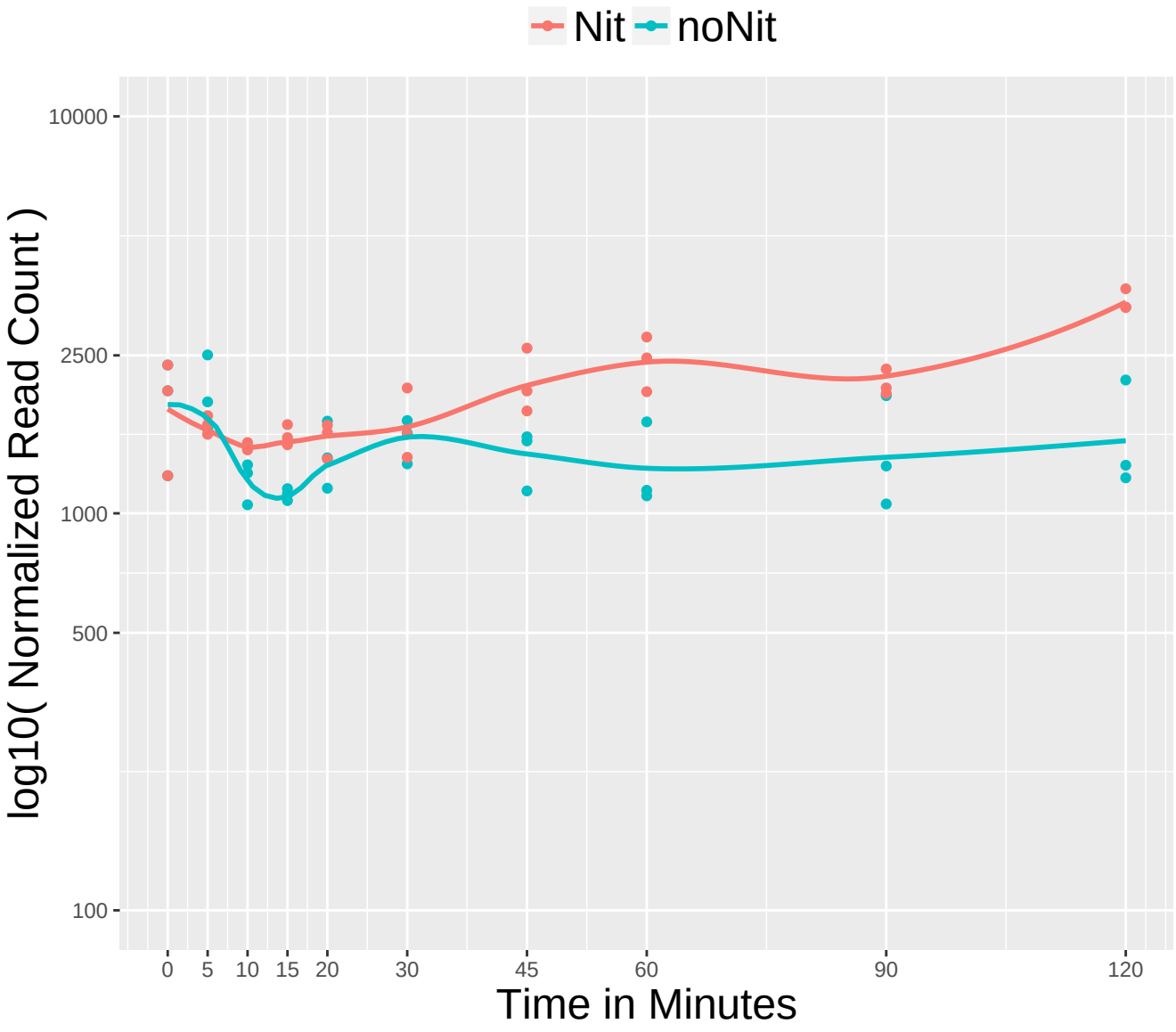
AT1G74080

ATMYB122,MYB



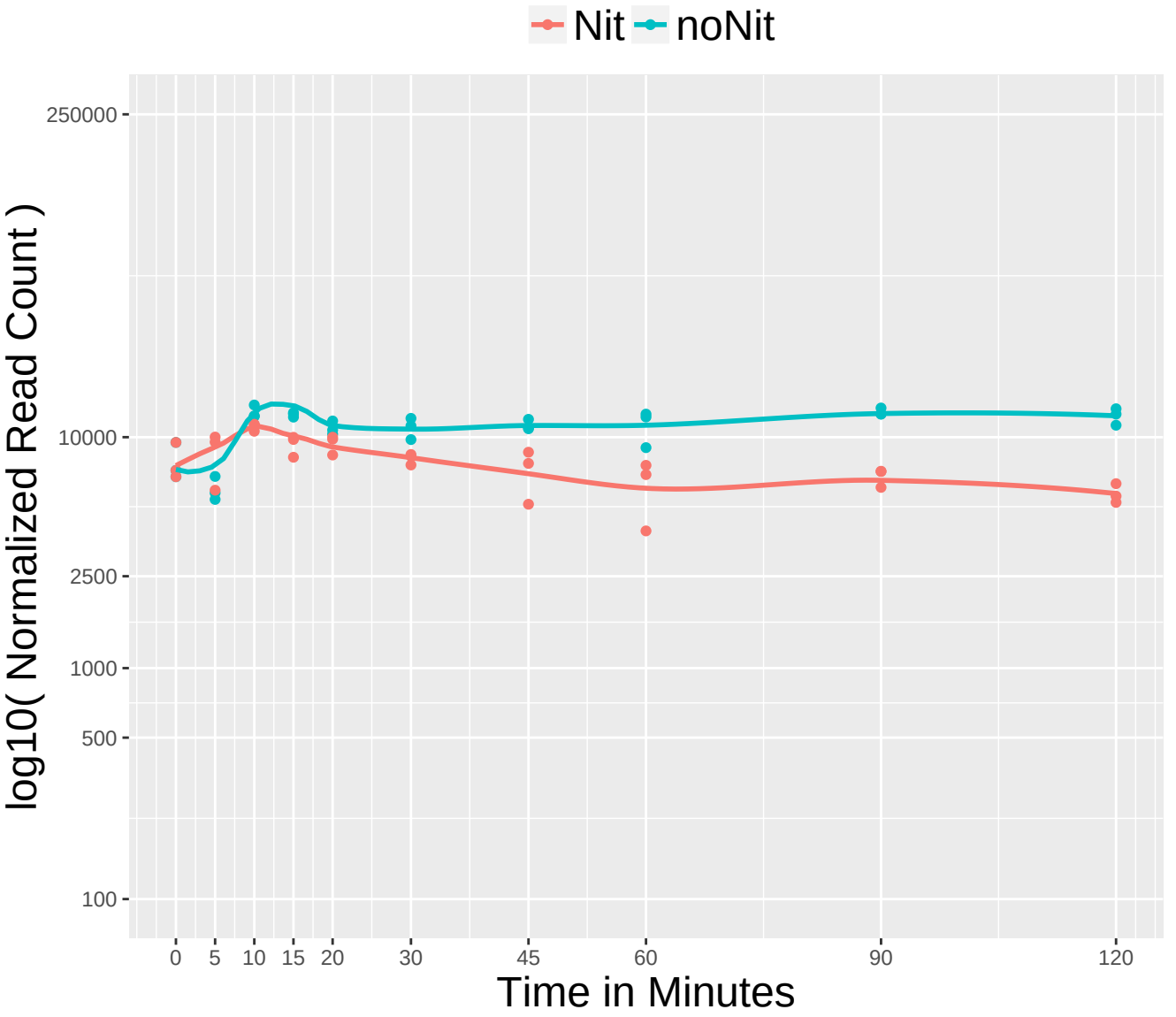
AT2G27840

HD2D,histone



AT2G36910

ABCB1,ATP−binding



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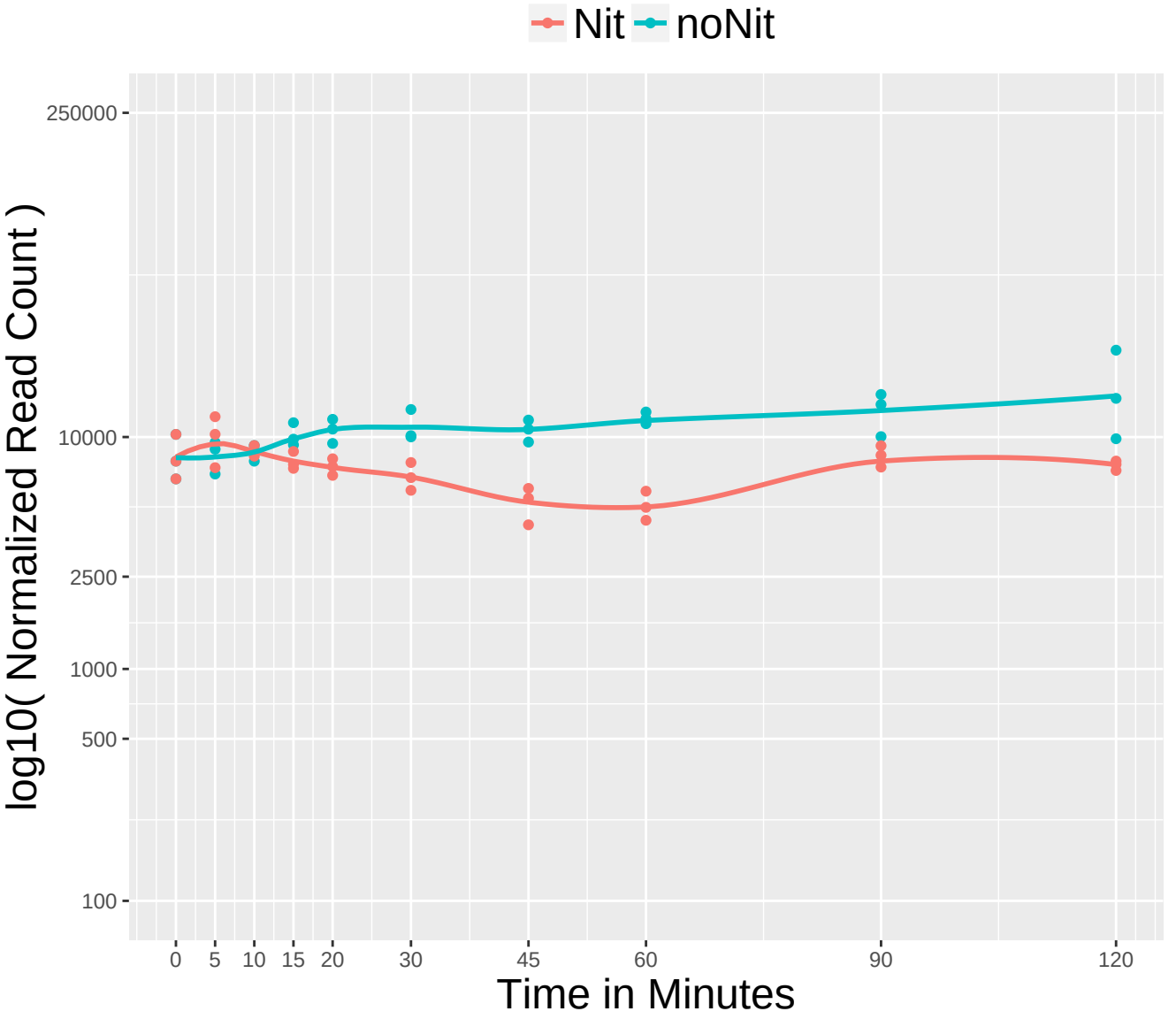
ATWRKY33,WRKY



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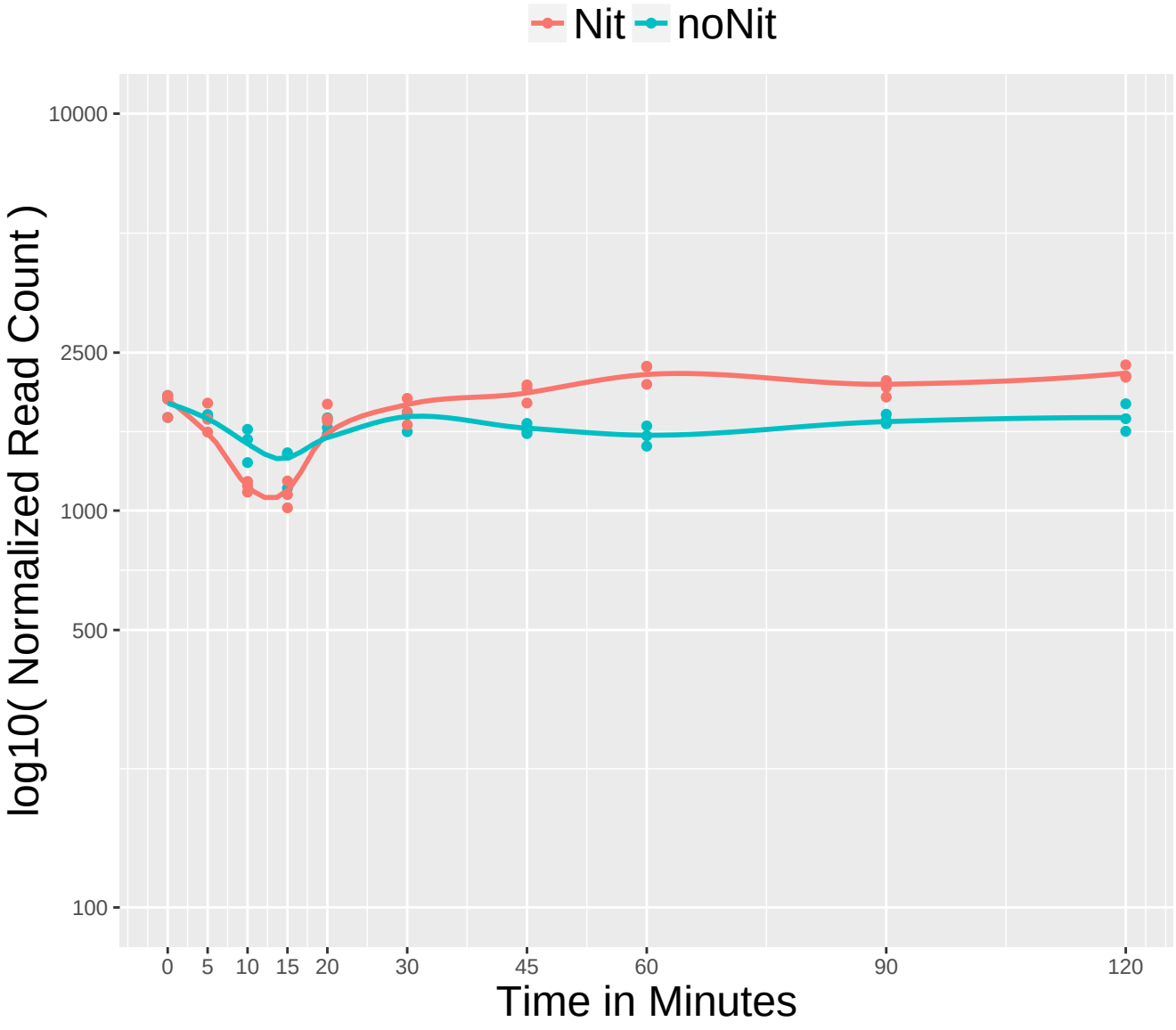
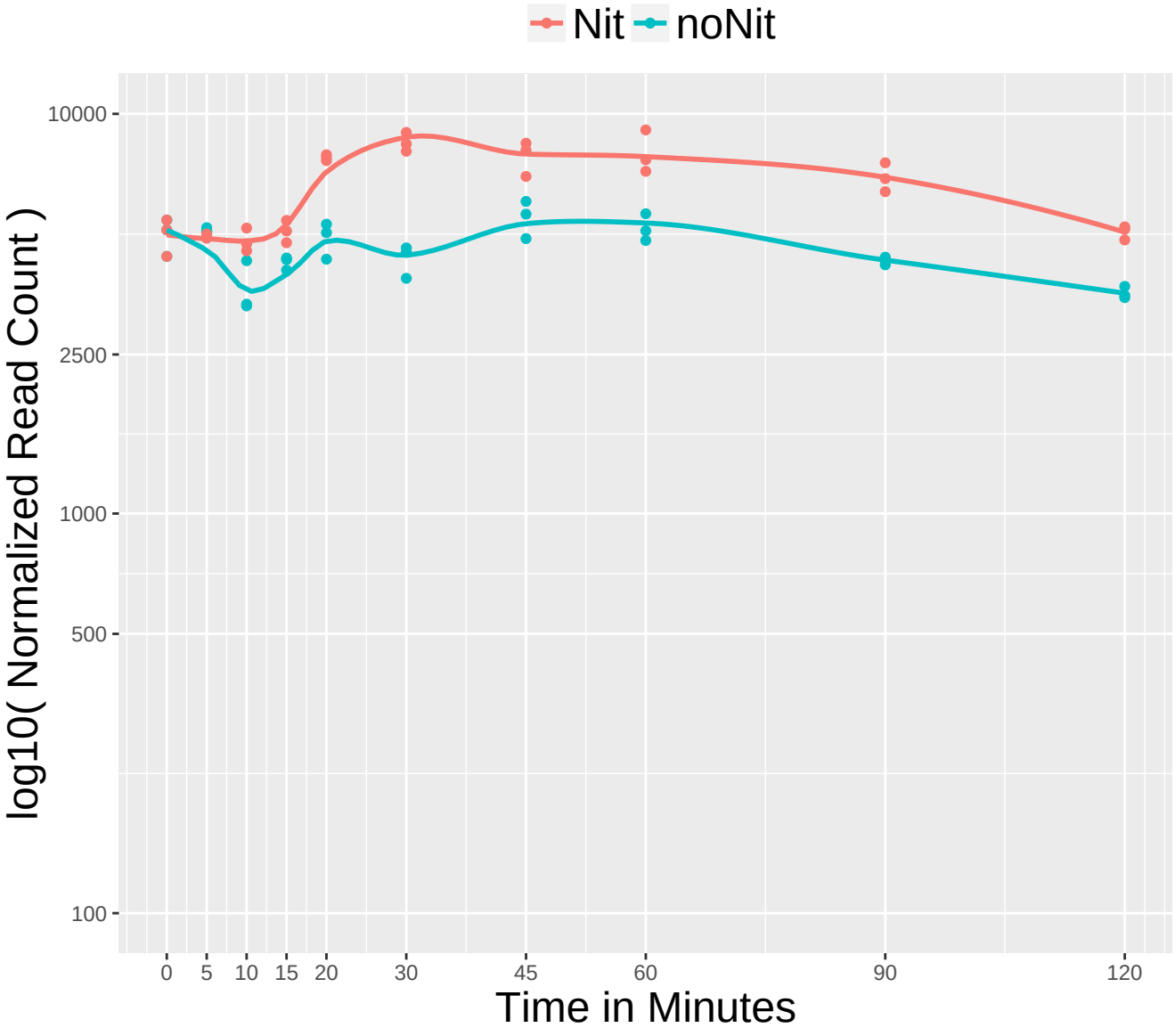
MOS4,Modifier

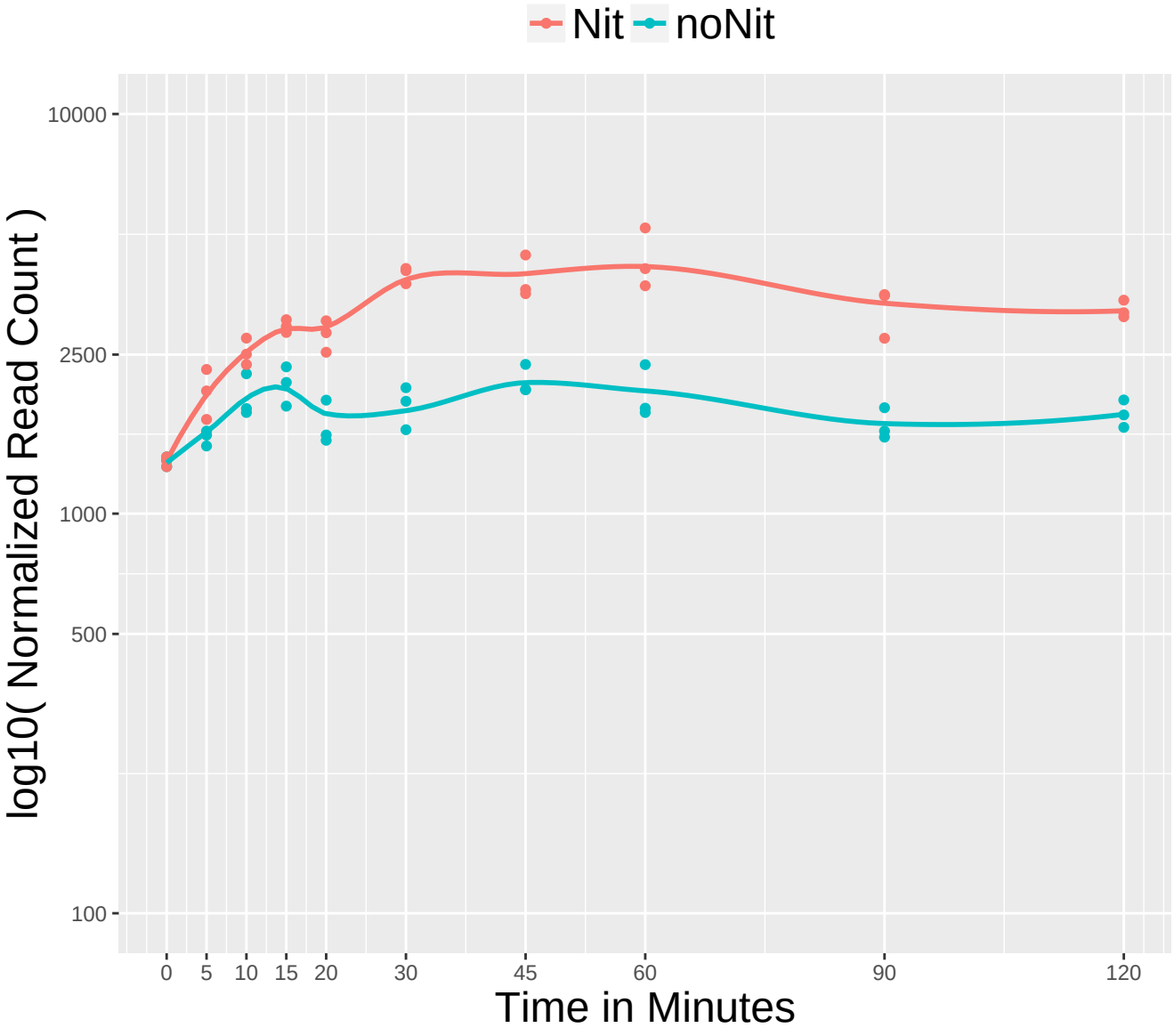


AT3G28690

Protein



AT3G50900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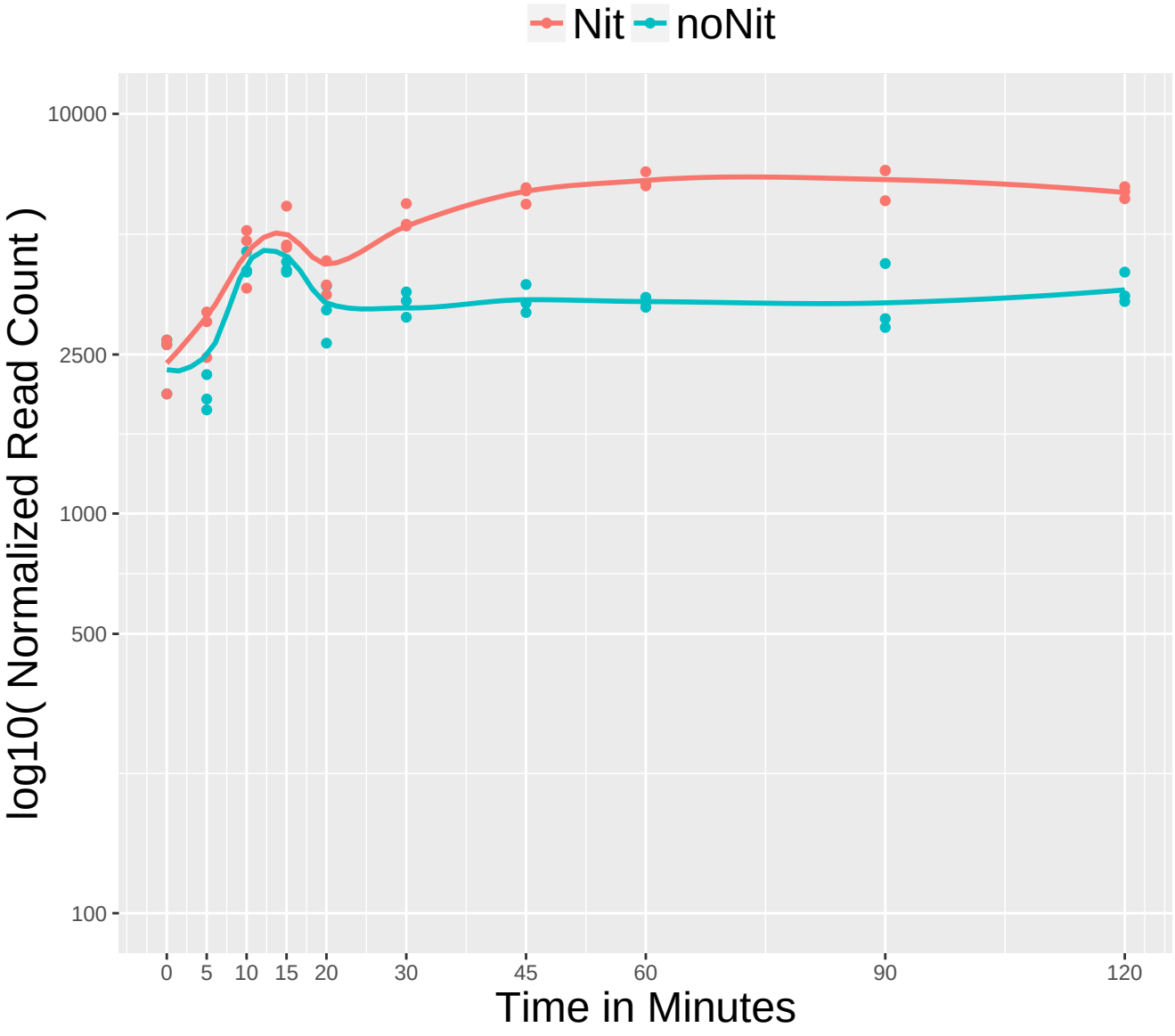
Time in Minutes

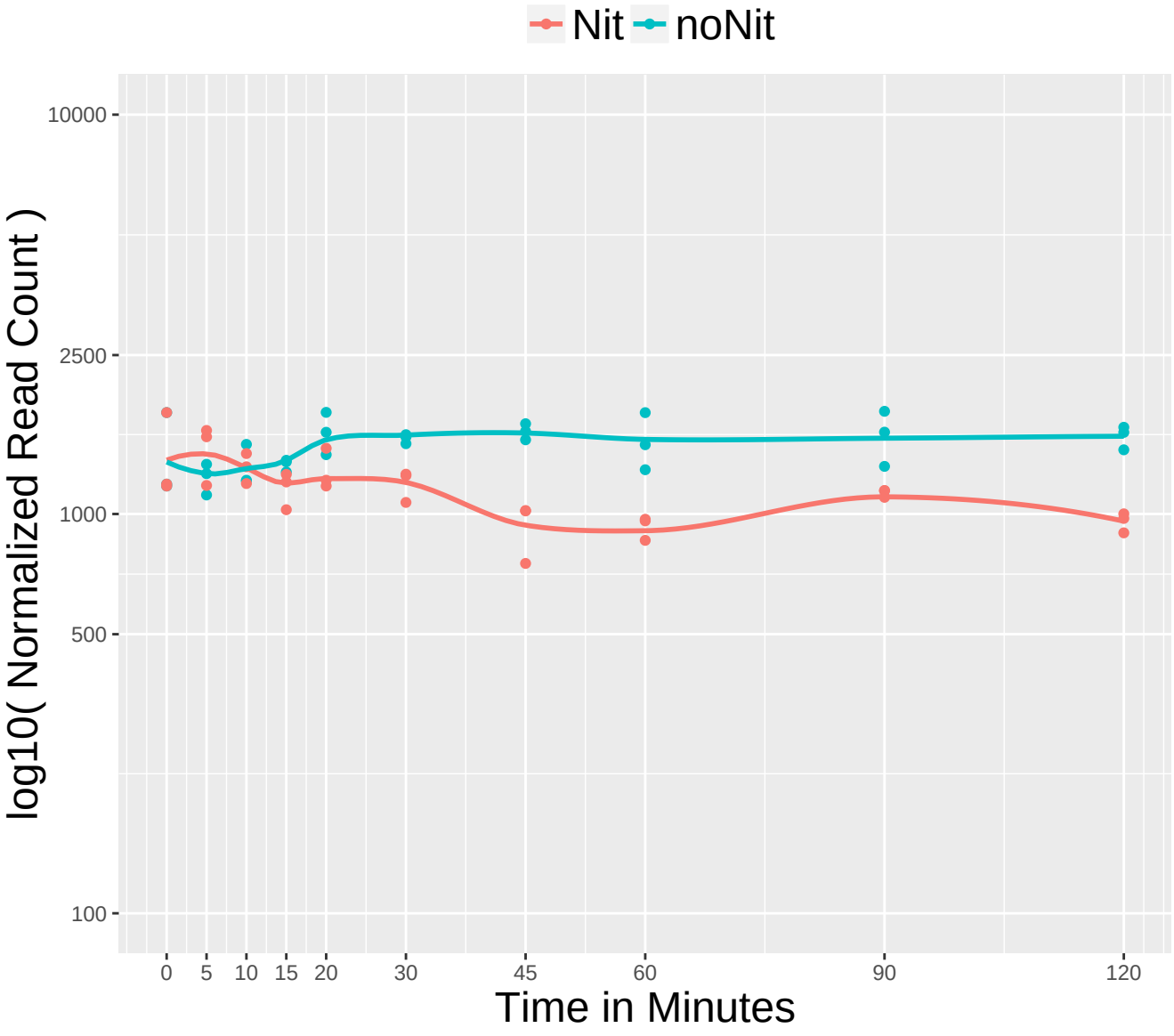
AT3G52960

Thioredoxin



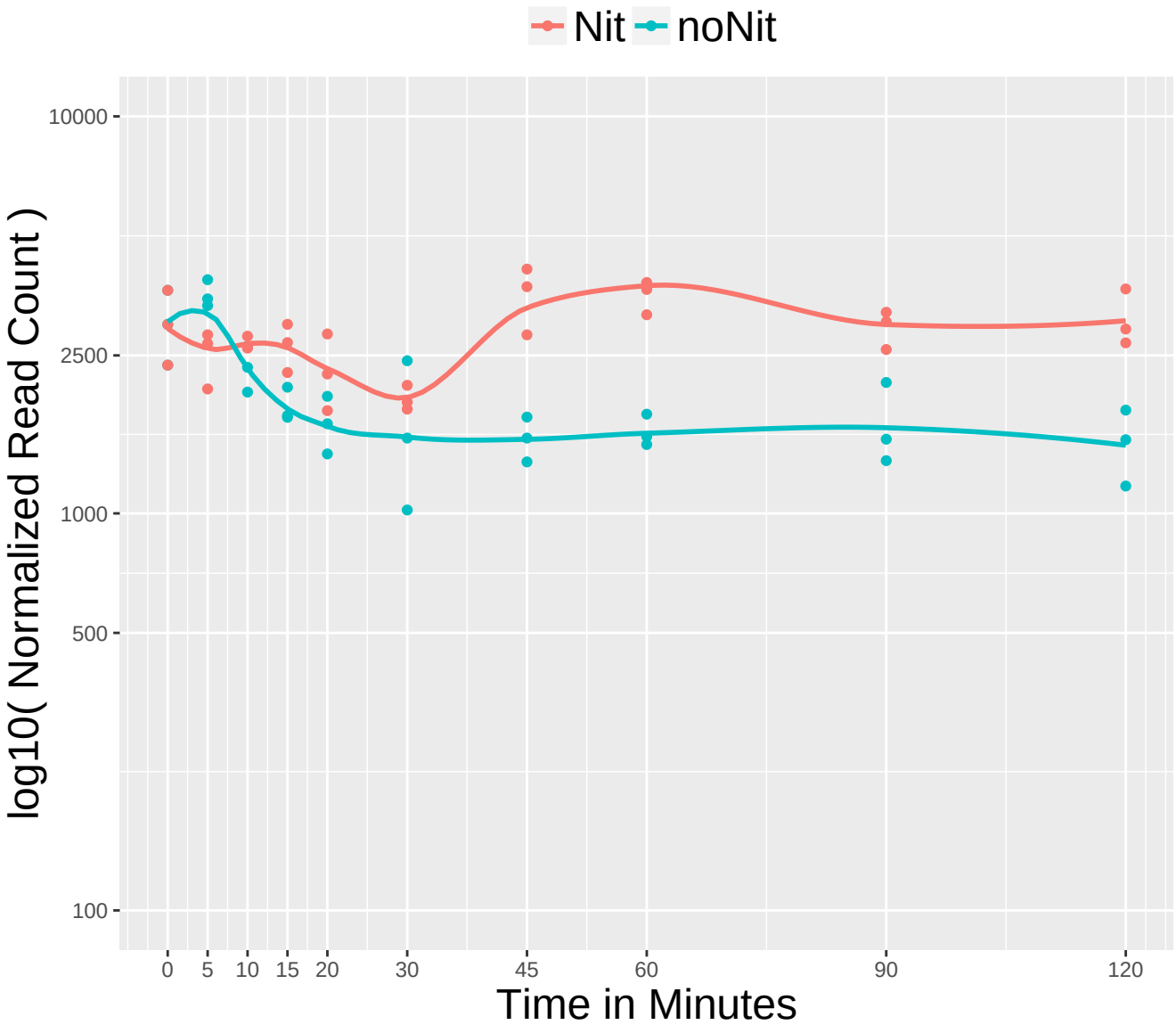
AT4G11570

Haloacid



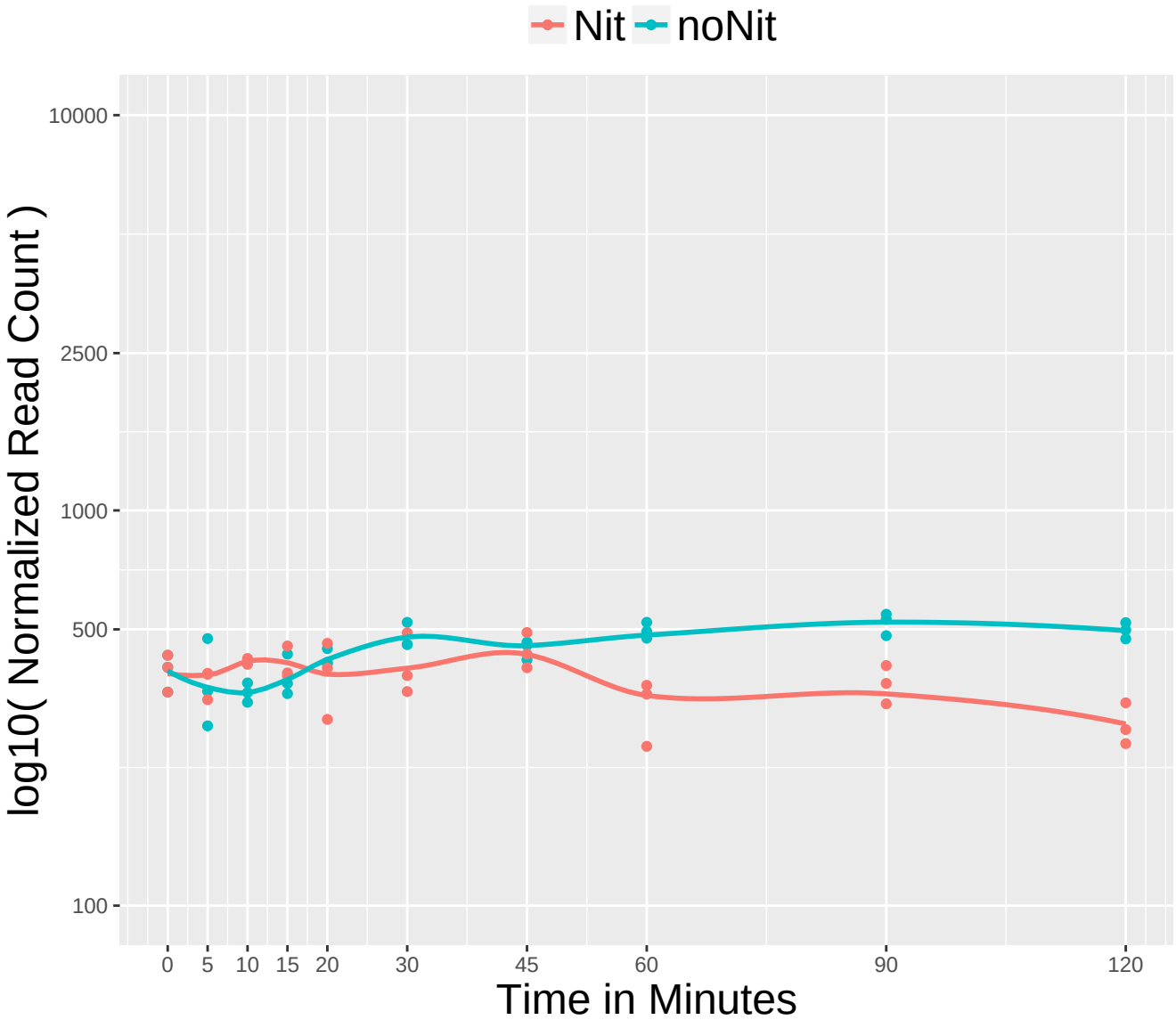
AT4G17460

HAT1,,JAB,JAIBA



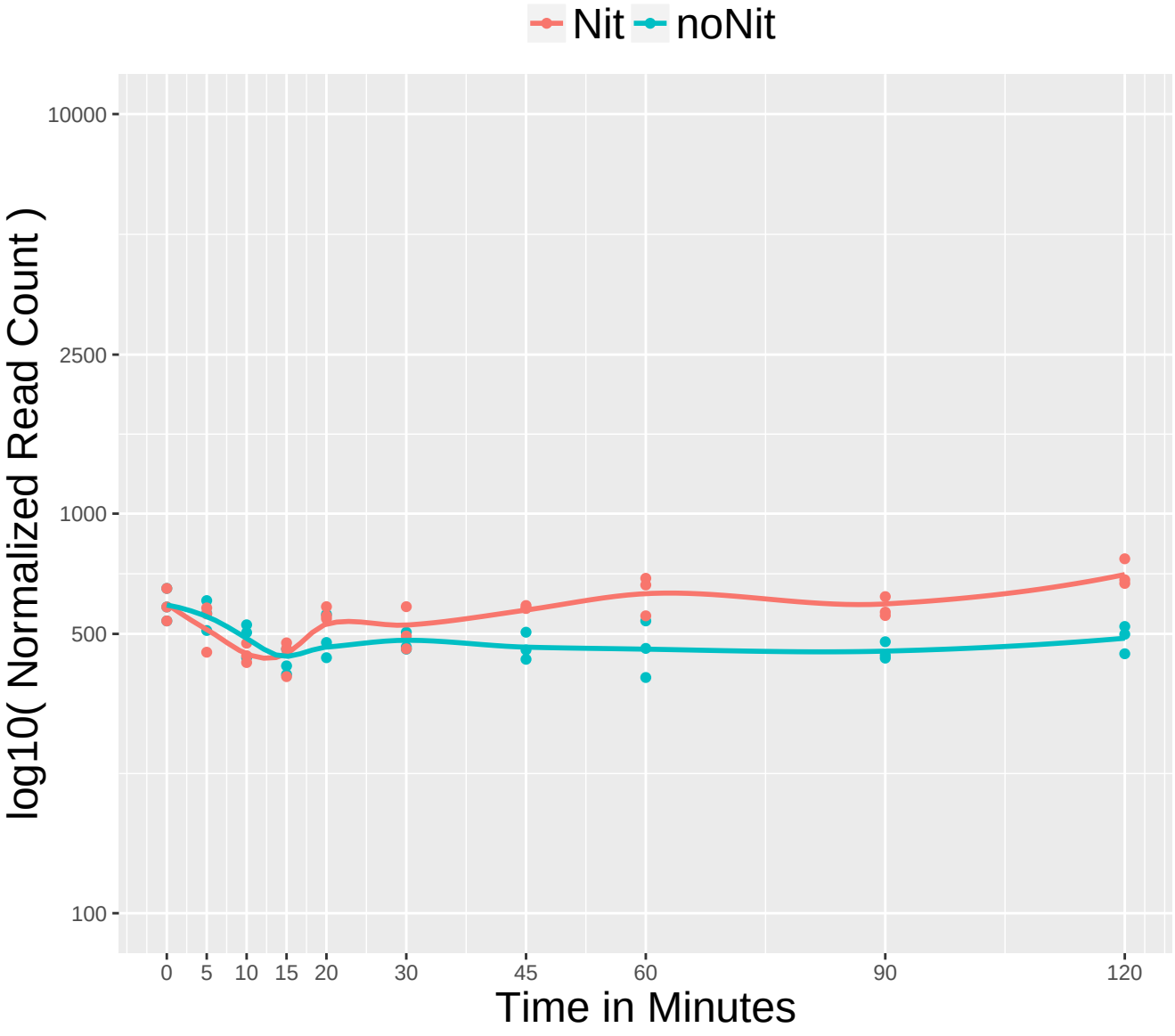
AT4G28630

ABCB23,ATP−binding



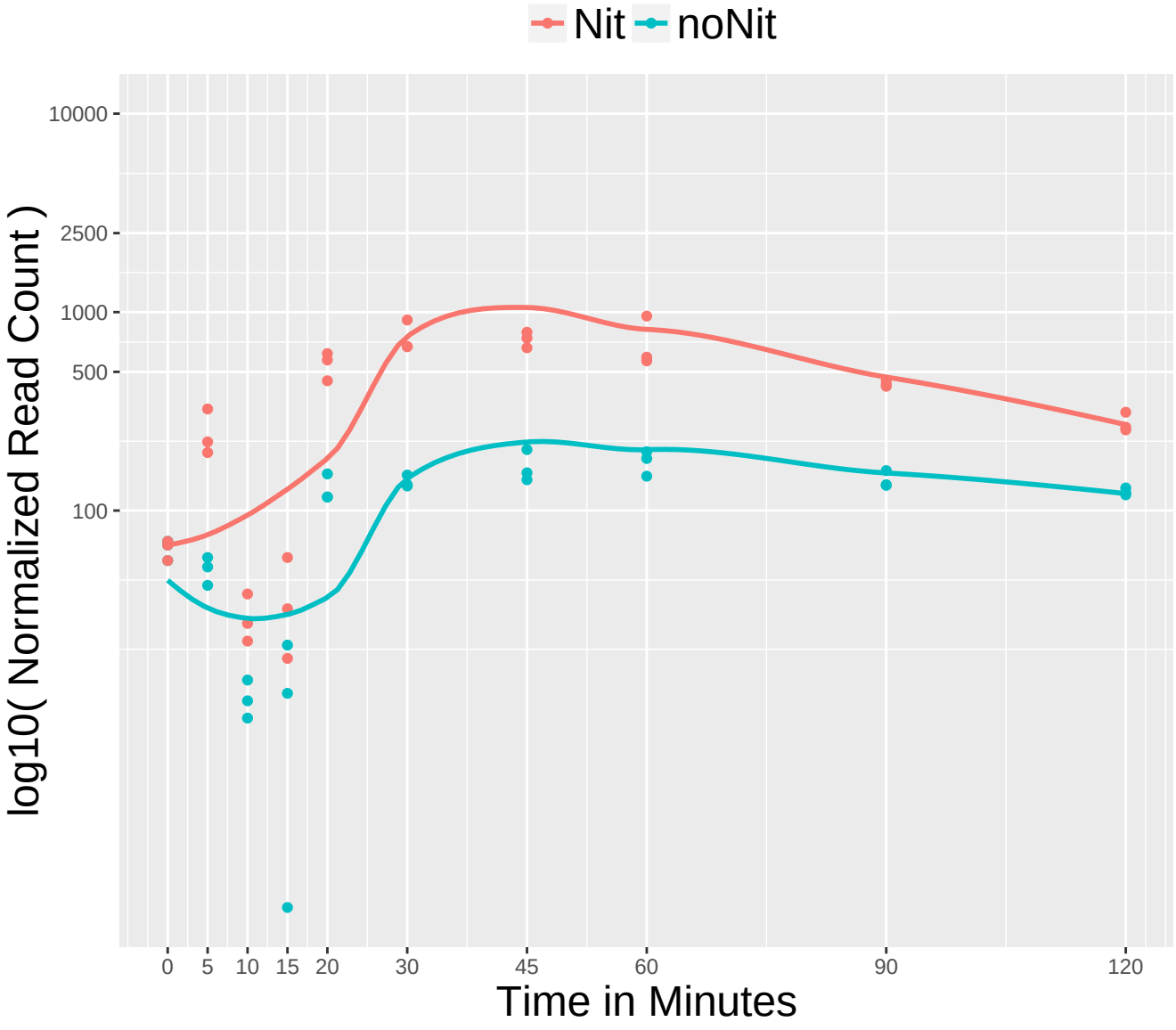
AT4G30840

Transducin/WD40



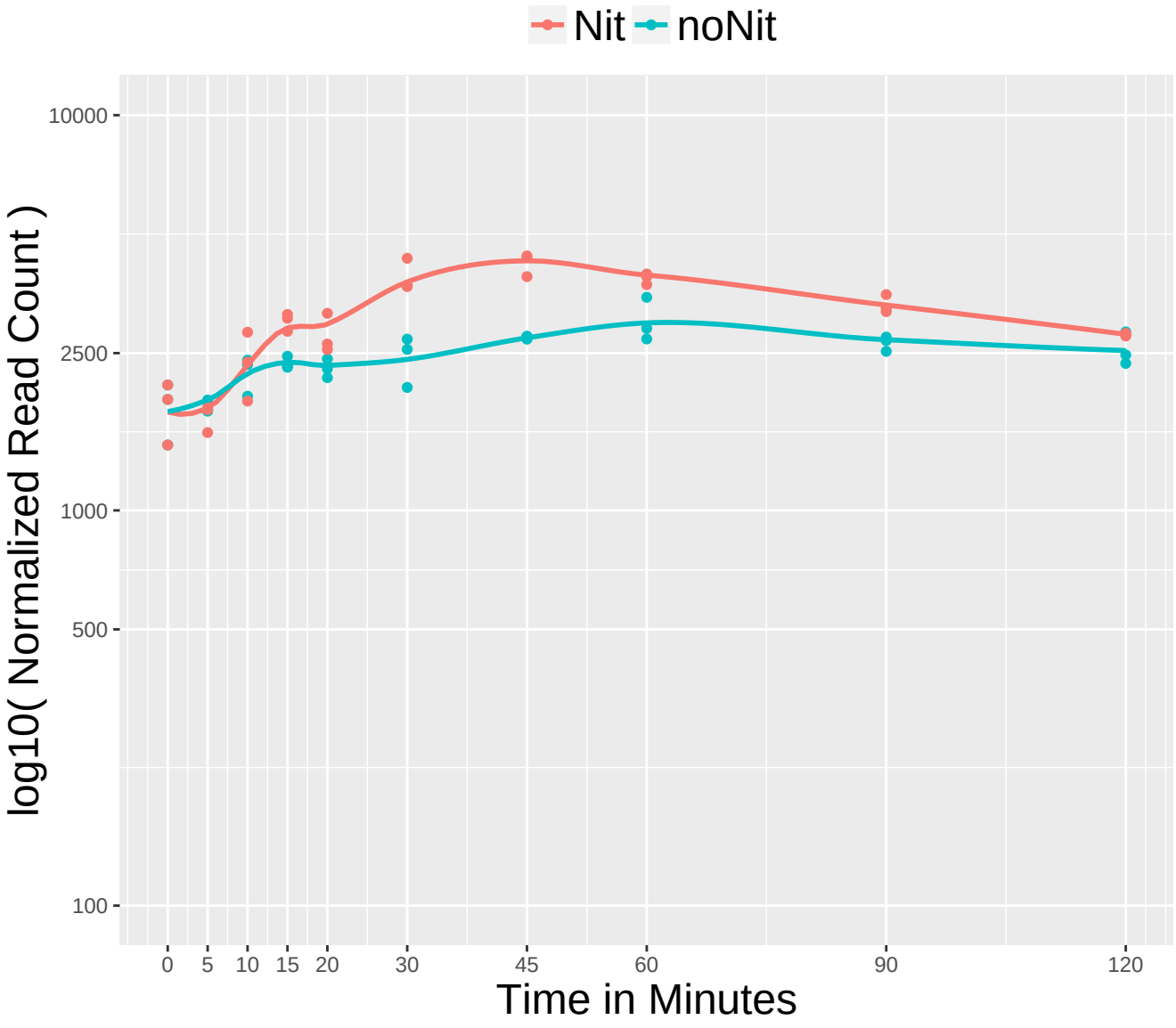
AT4G34800

SAUR4,SMALL



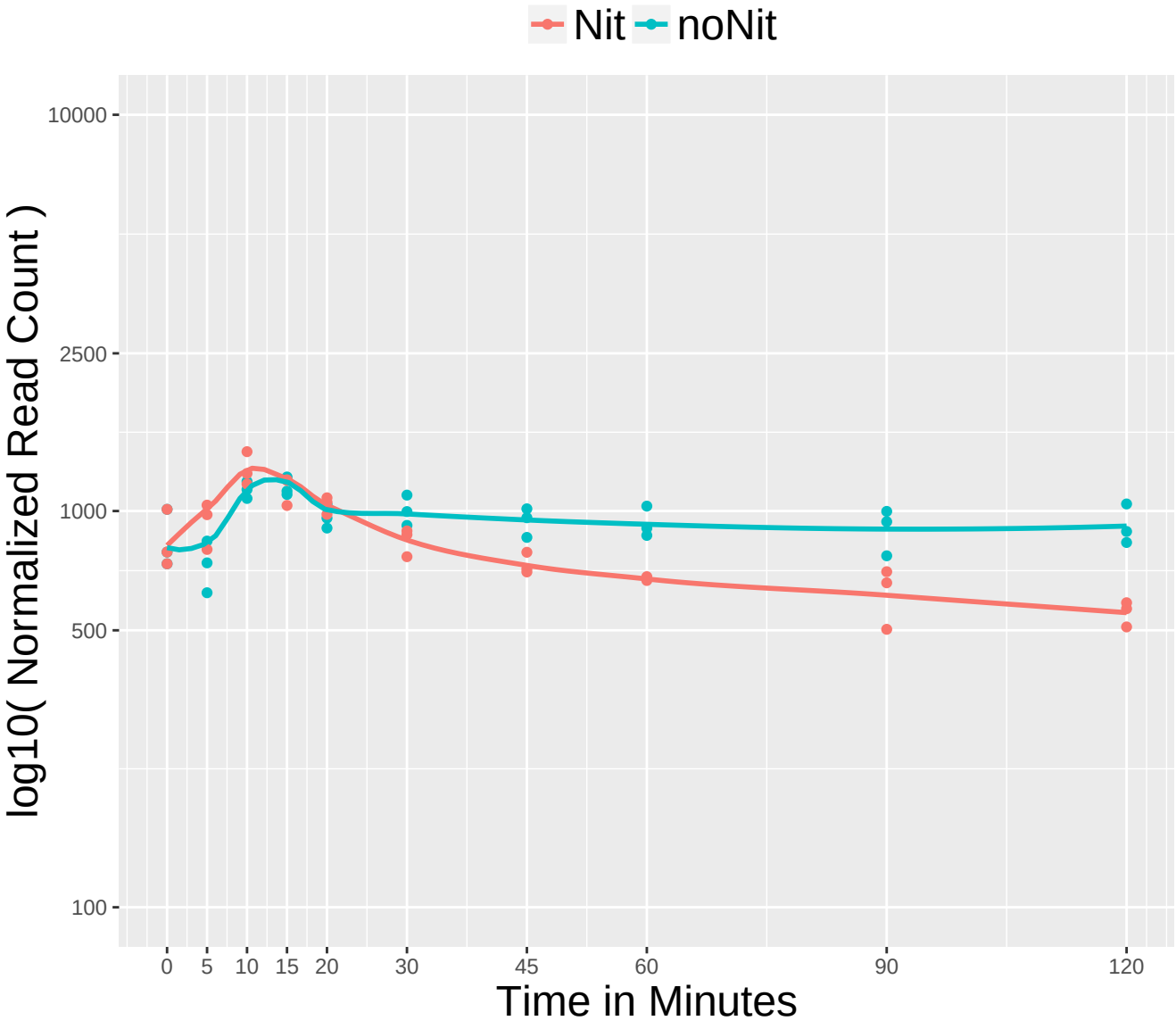
AT5G19010

MPK16,mitogen−activated



AT5G36250

PP2C74,protein



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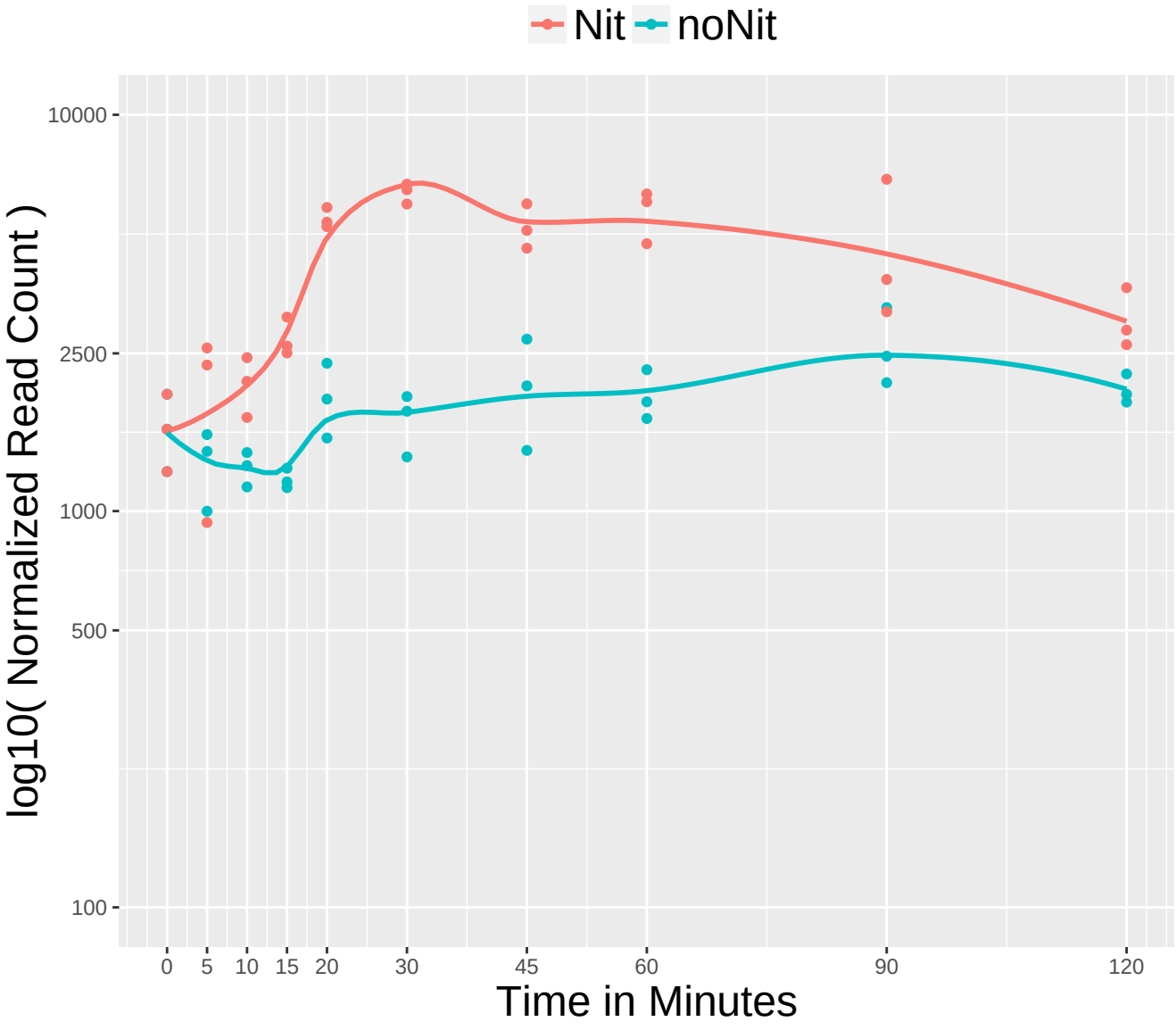
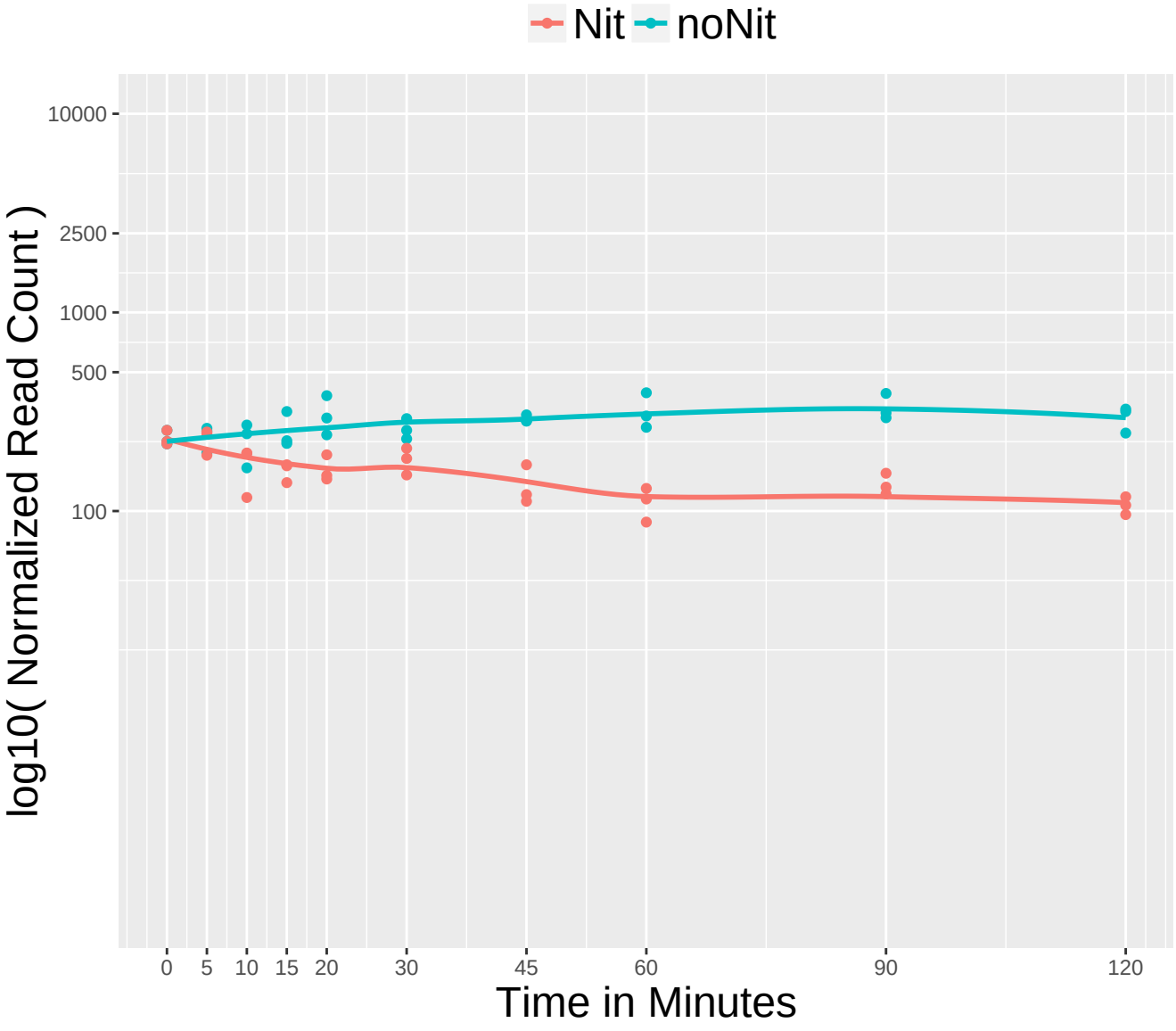
TPPJ,trehalose−6−phosphate



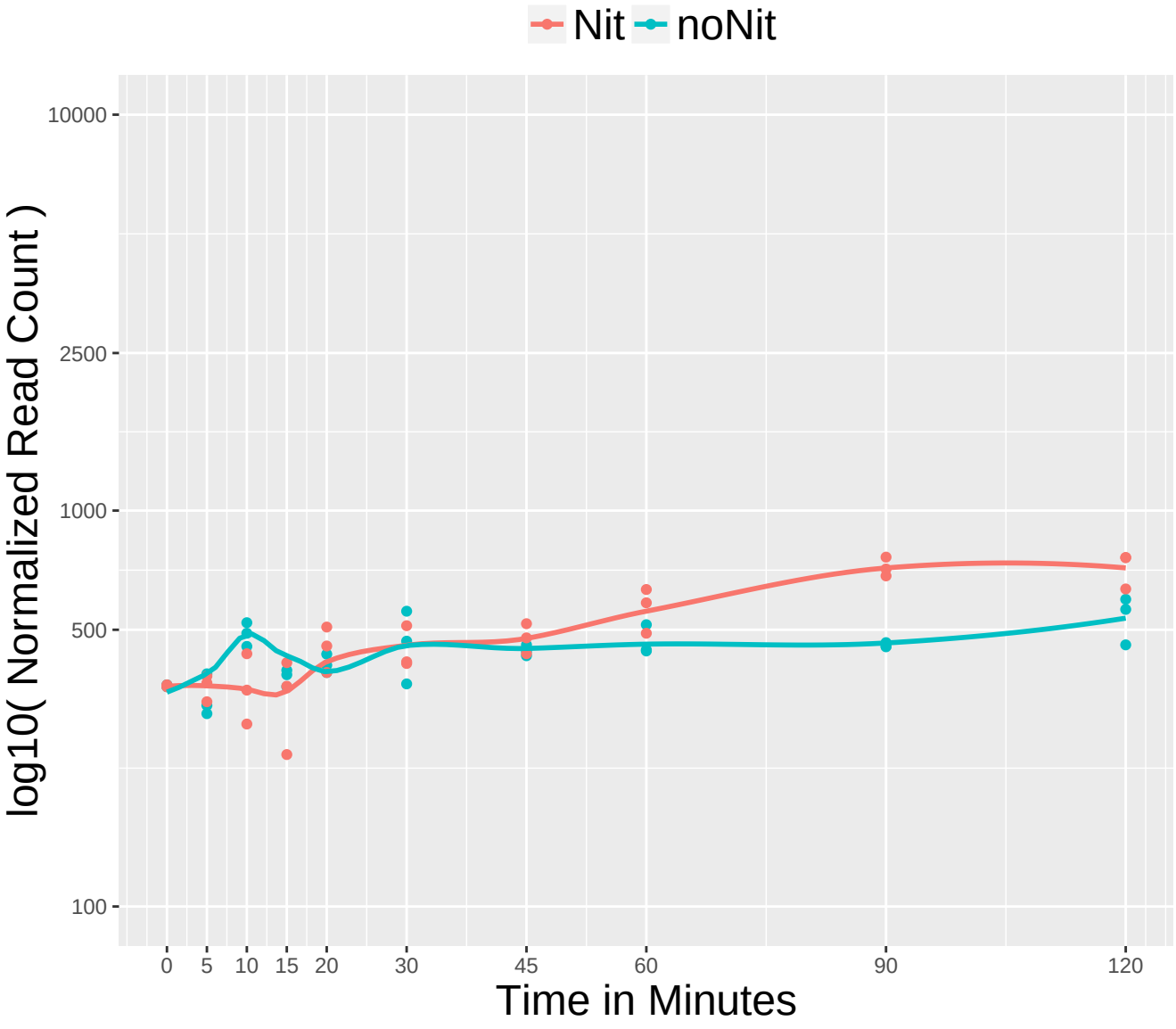
AT1G09540

ATMYB61,ARABIDOPSIS



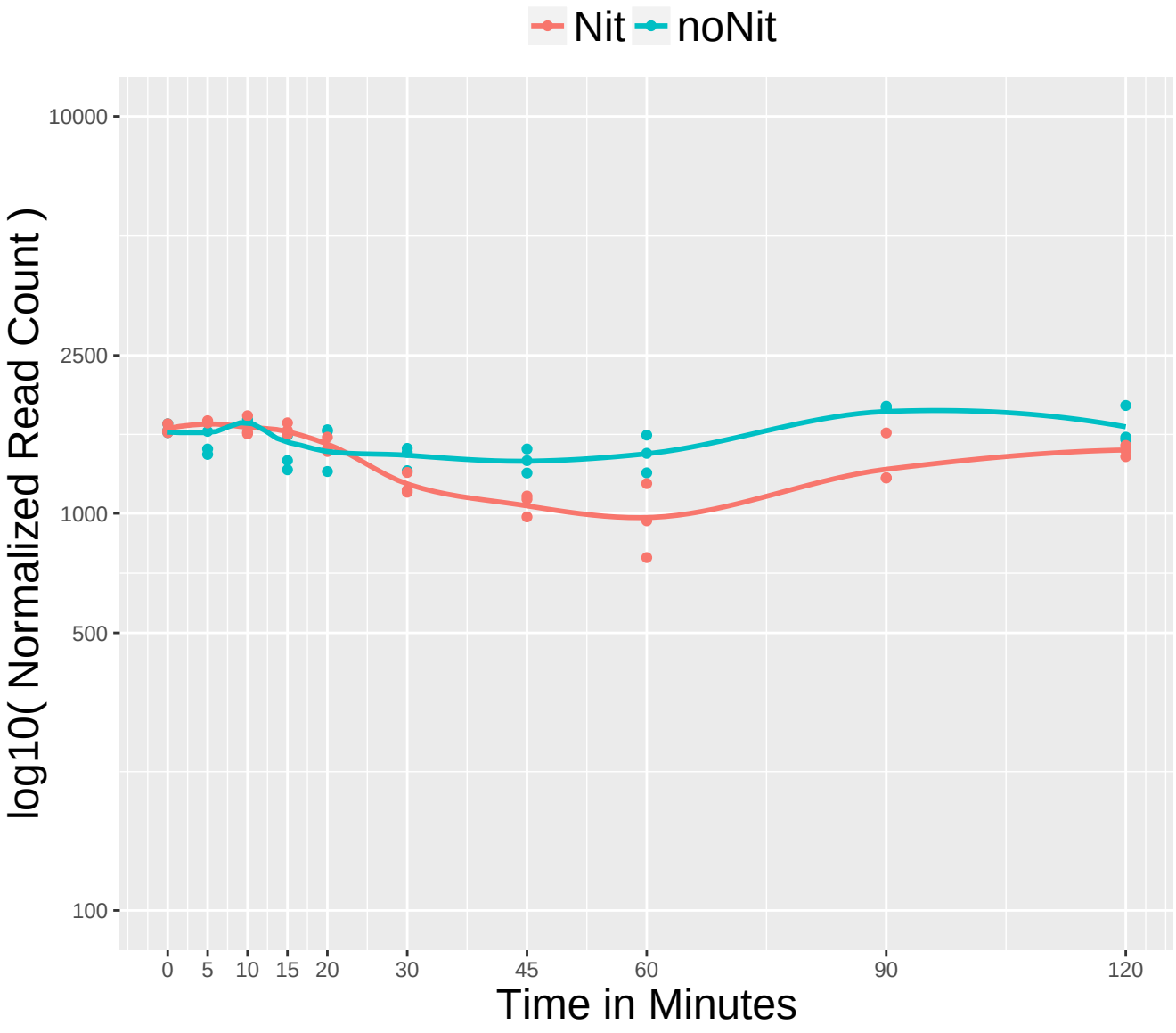
AT1G16280

AtRH36,Arabidopsis



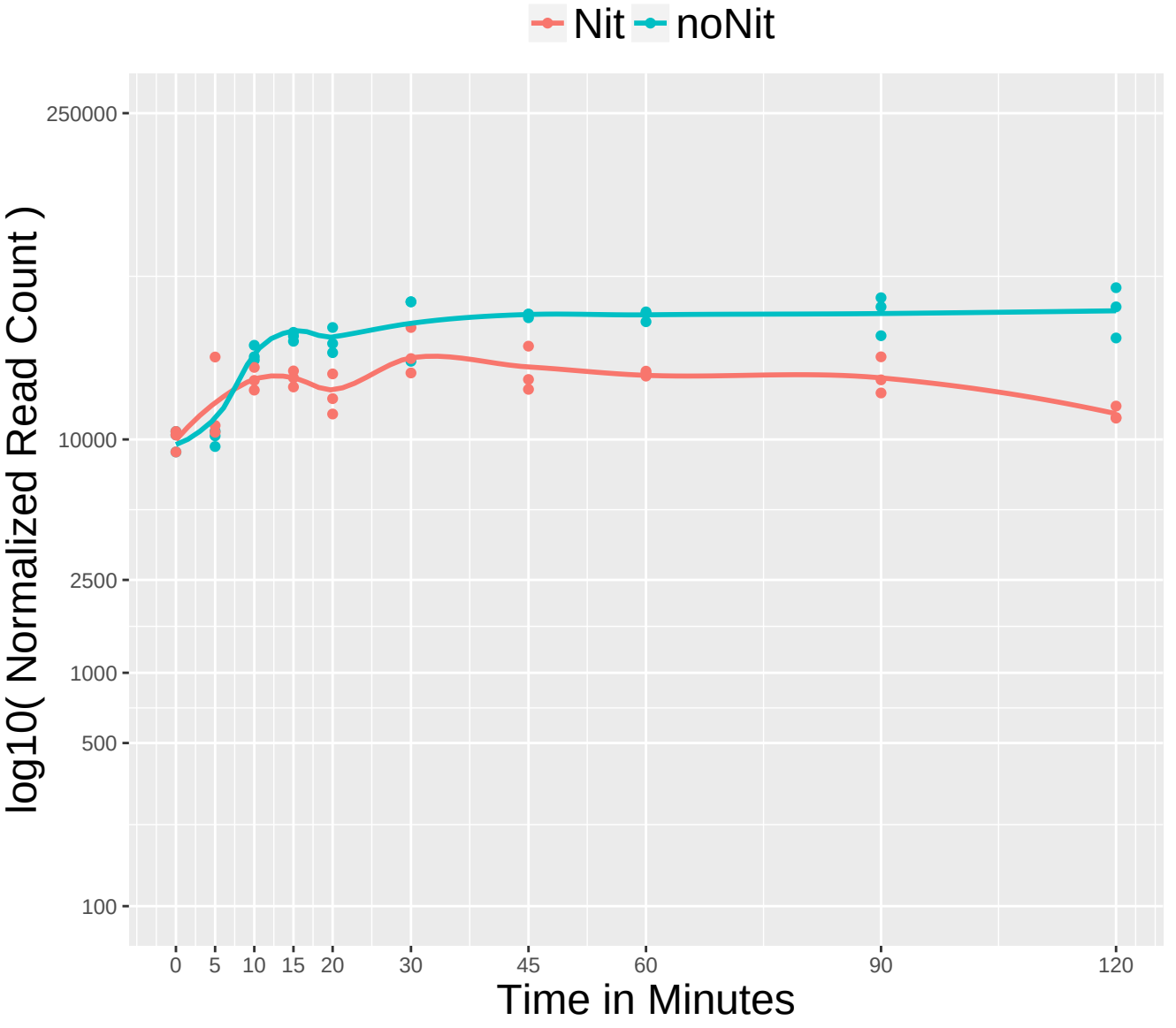
AT1G19350

BES1,BRI1−EMS−SUPPRESSOR



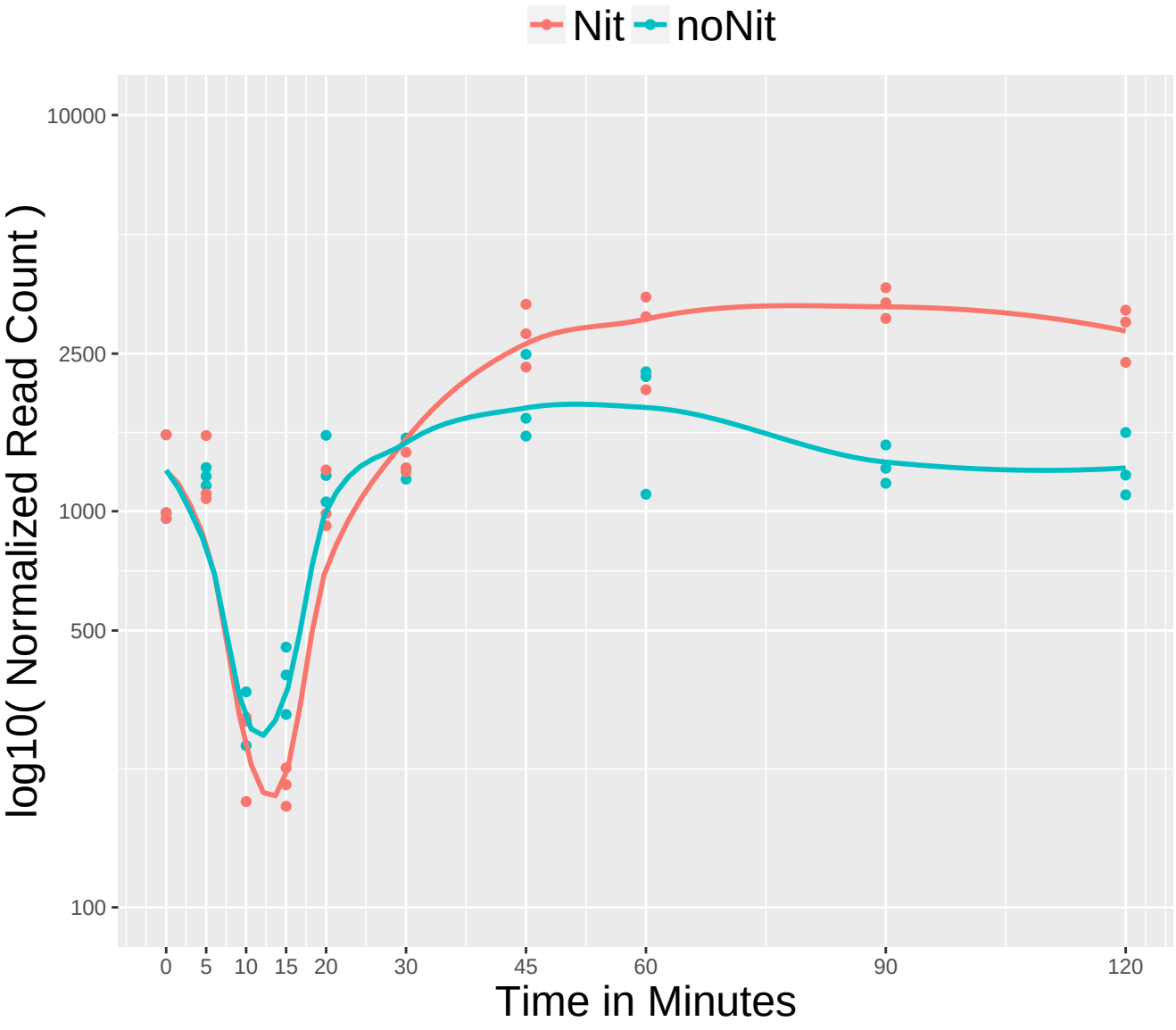
AT1G22410

Class−II



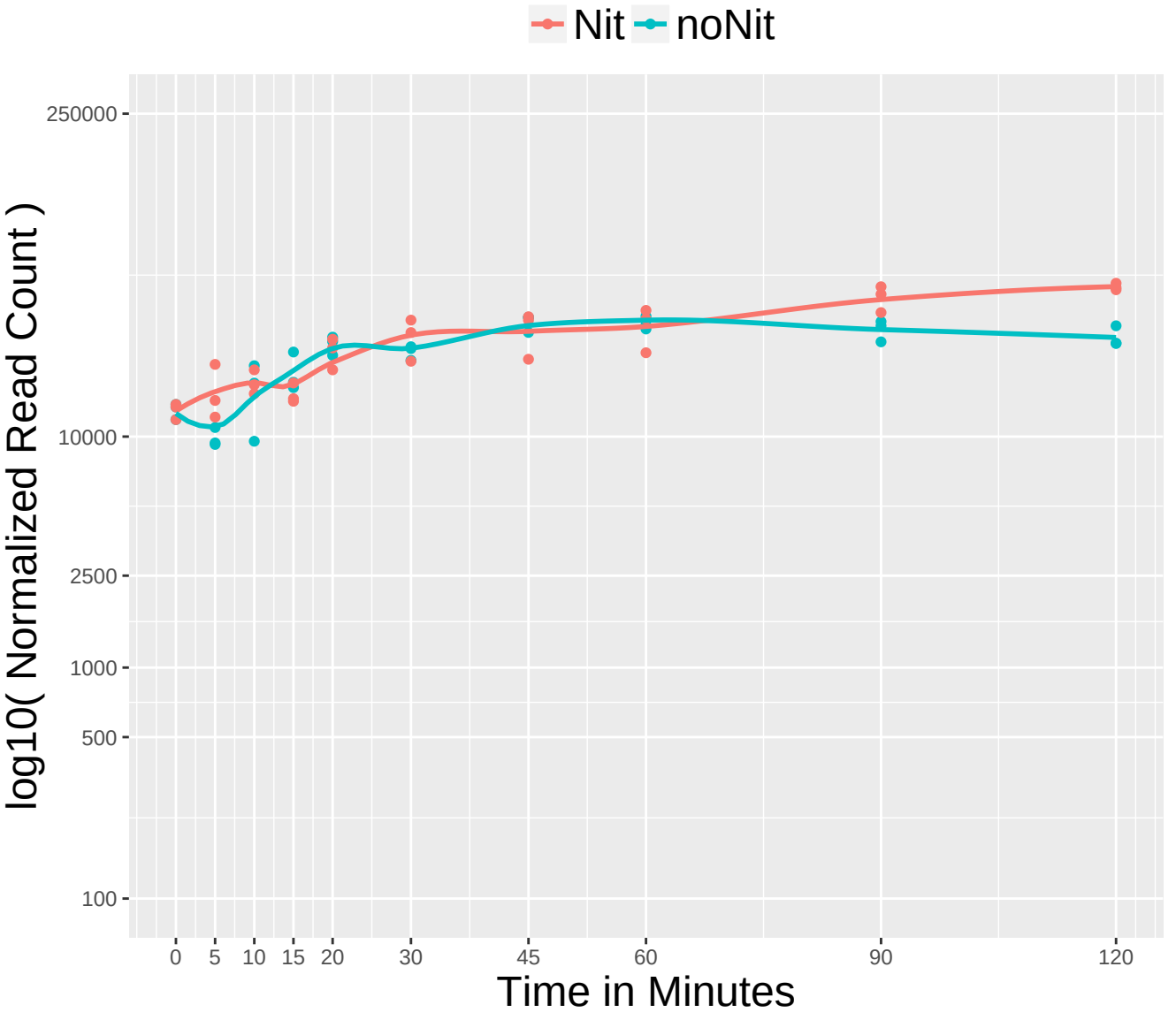
AT1G44050

Cysteine/Histidine−rich



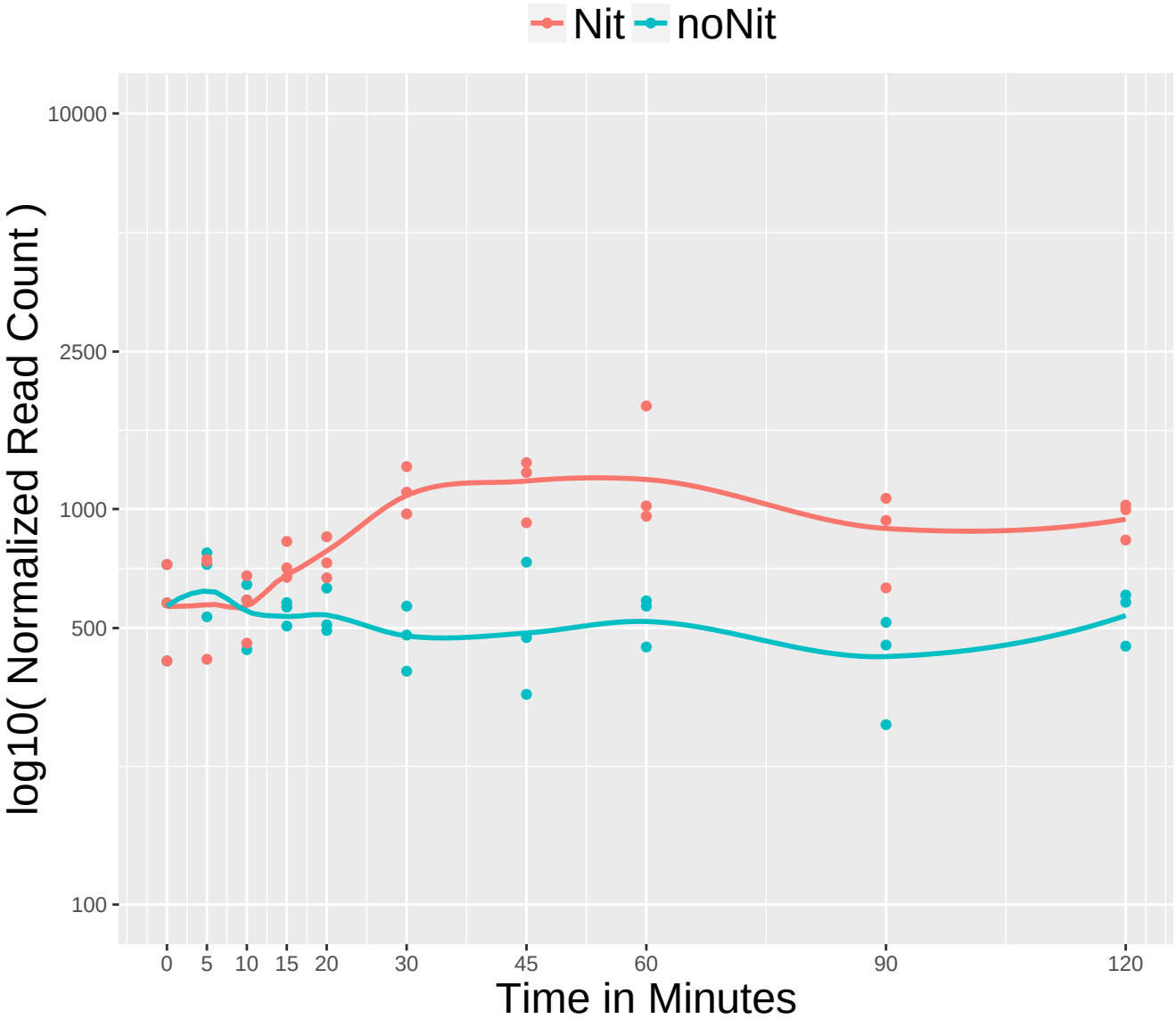
AT1G44800

SIAR1,Siliques



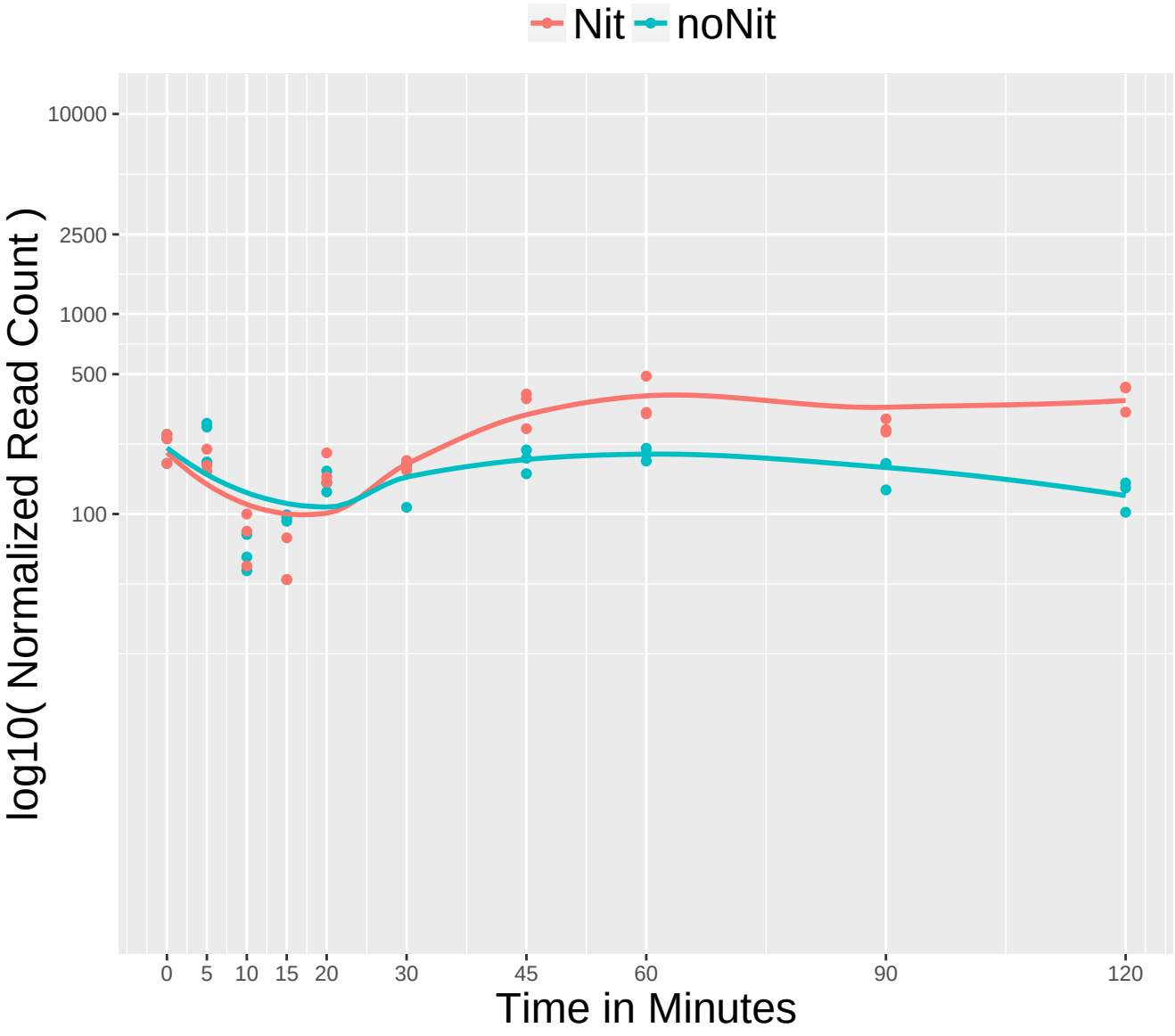
AT2G03505

Carbohydrate−binding



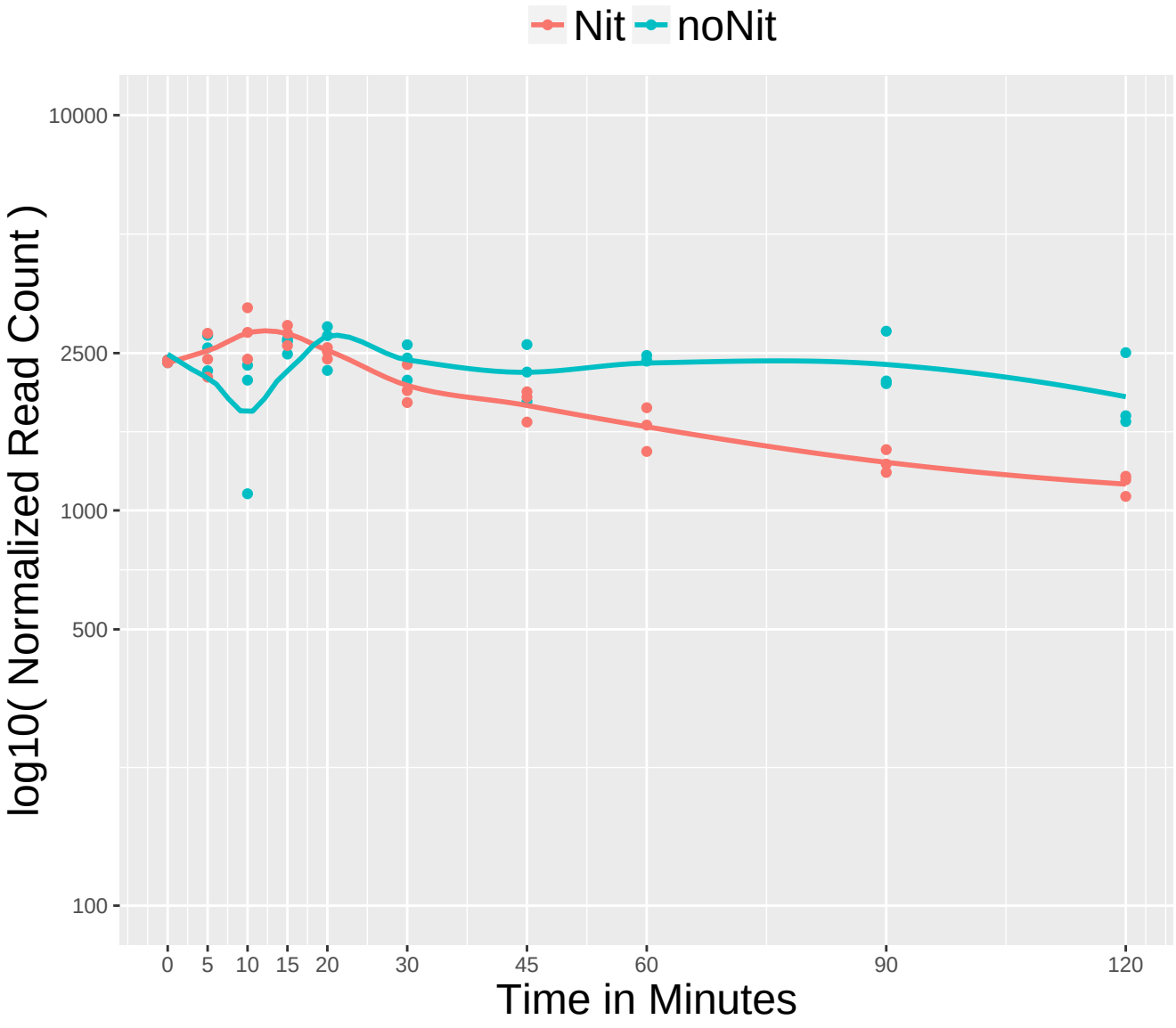
AT2G43375

other



AT2G47060

PTI1−4,Pto−interacting



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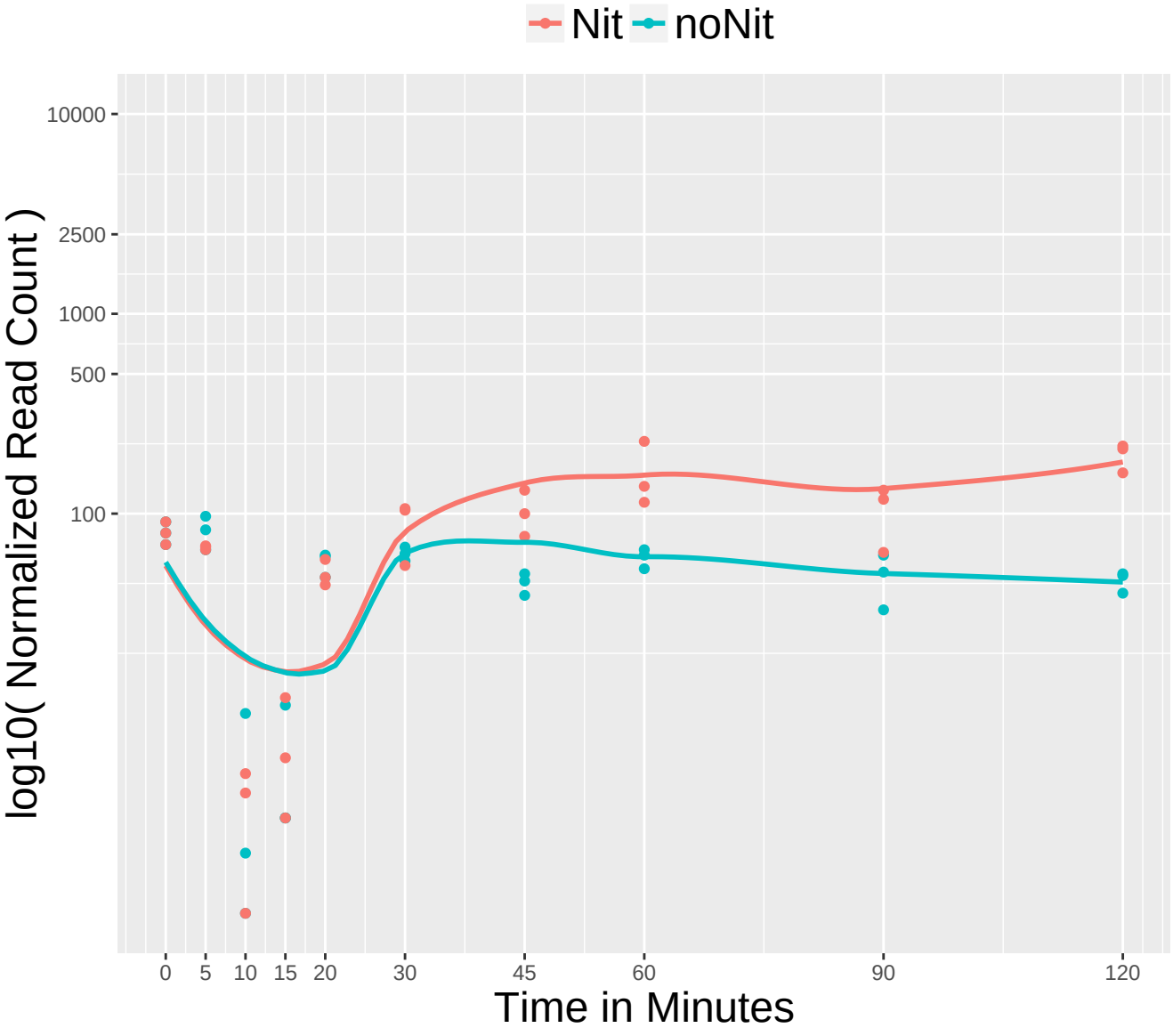
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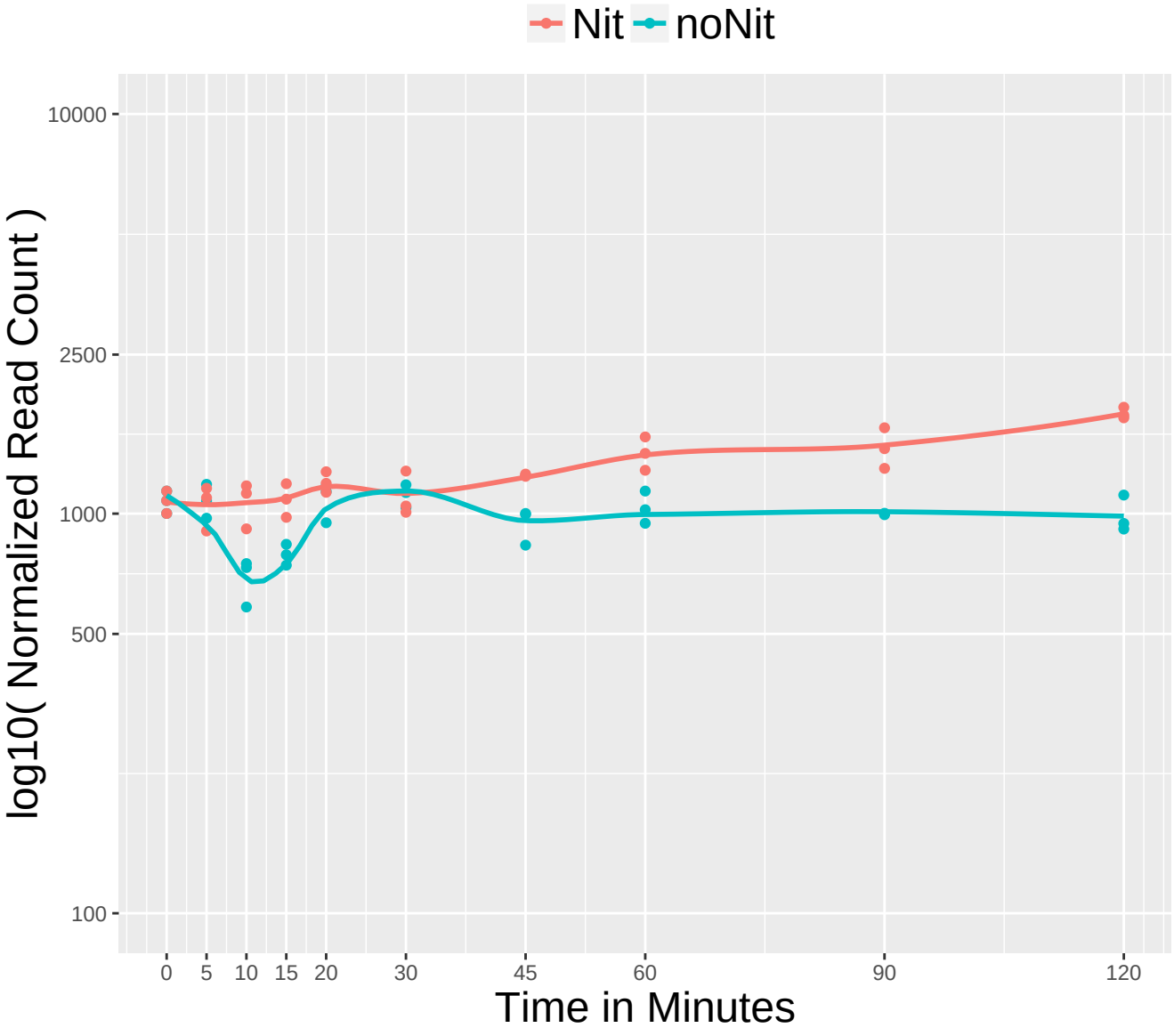
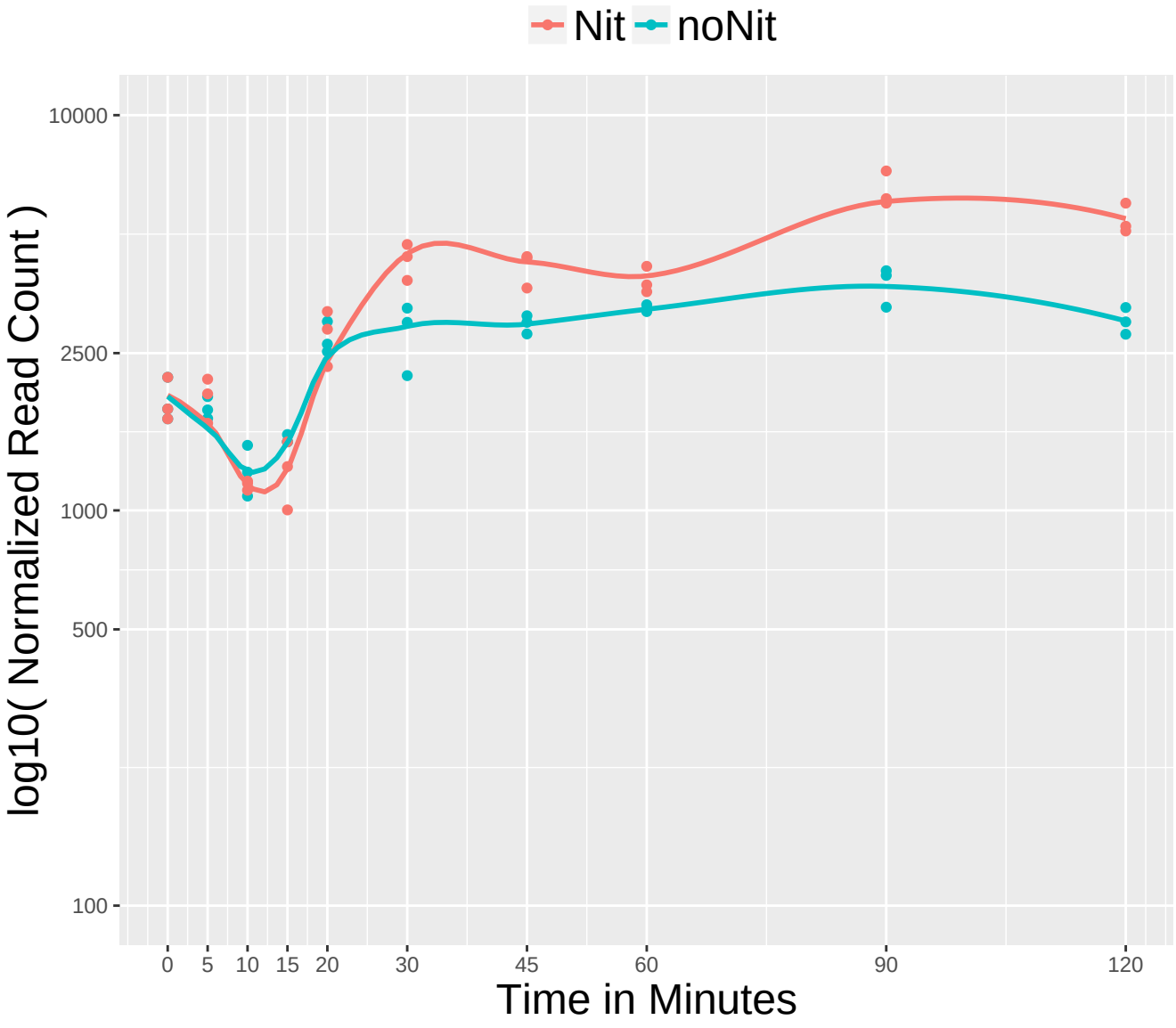
AT3G13940

DNA



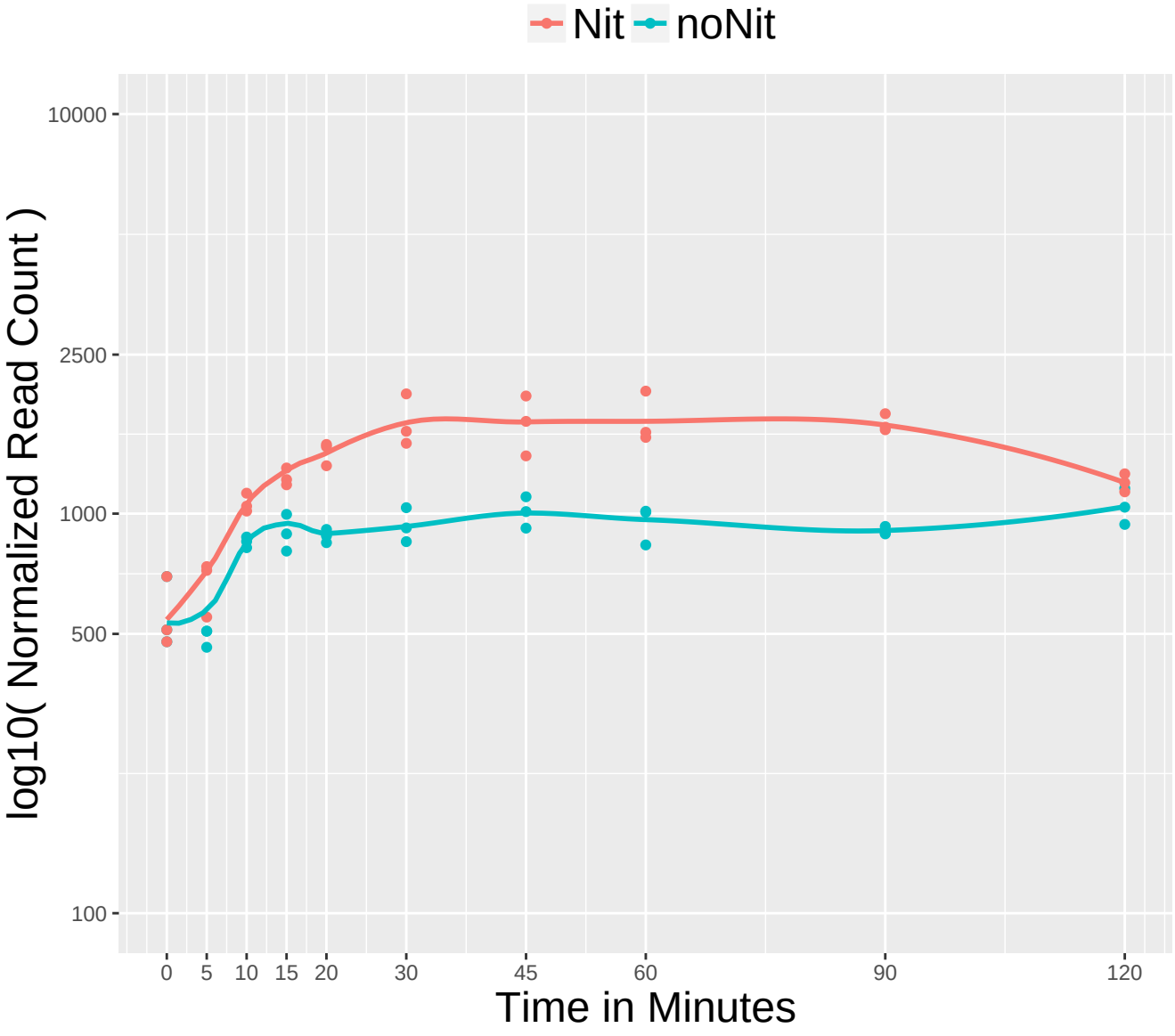
AT3G52060

AtGnTL,,GnTL,beta−1,6−N−acetylglucosaminyl



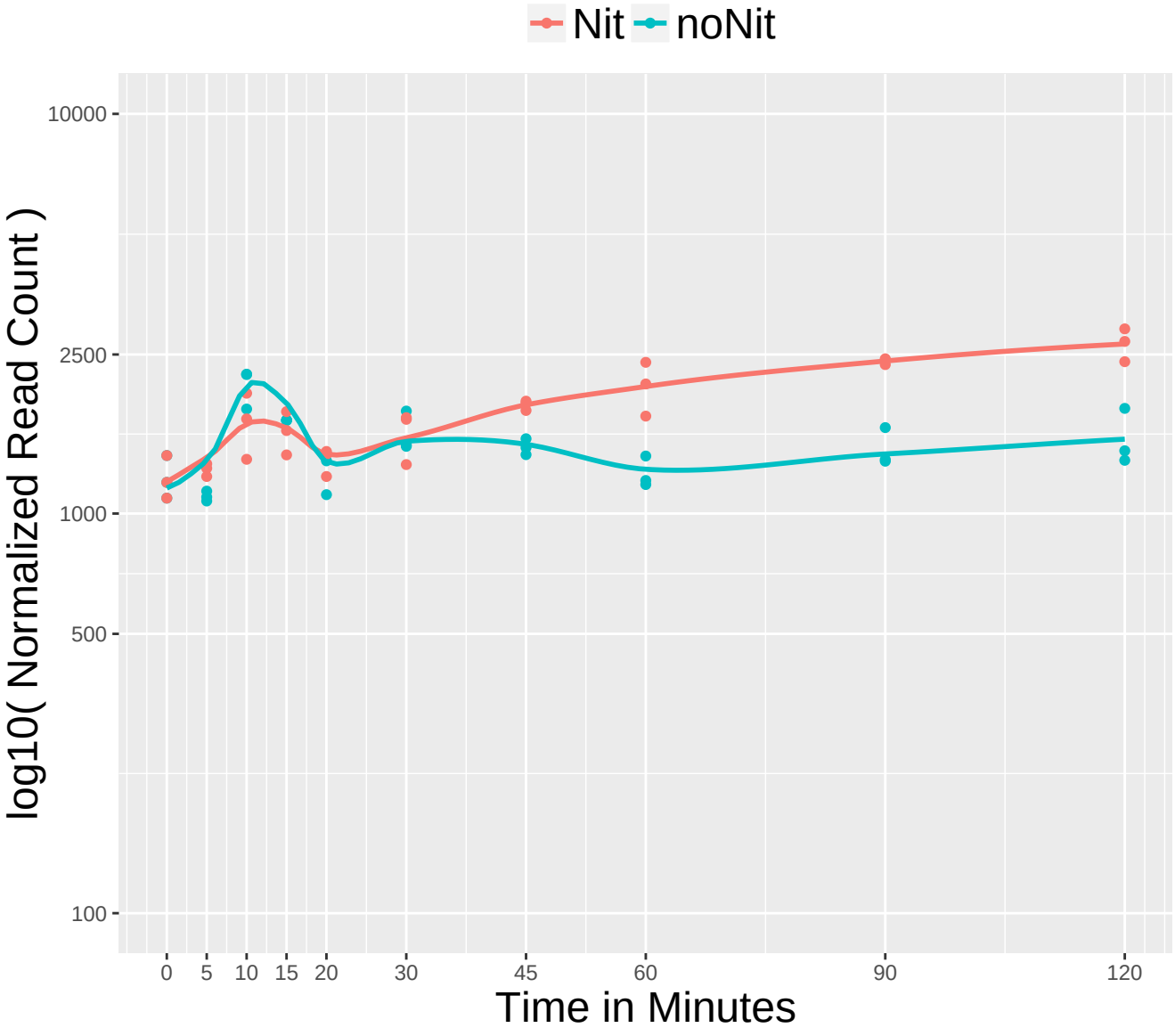
AT3G52950

CBS



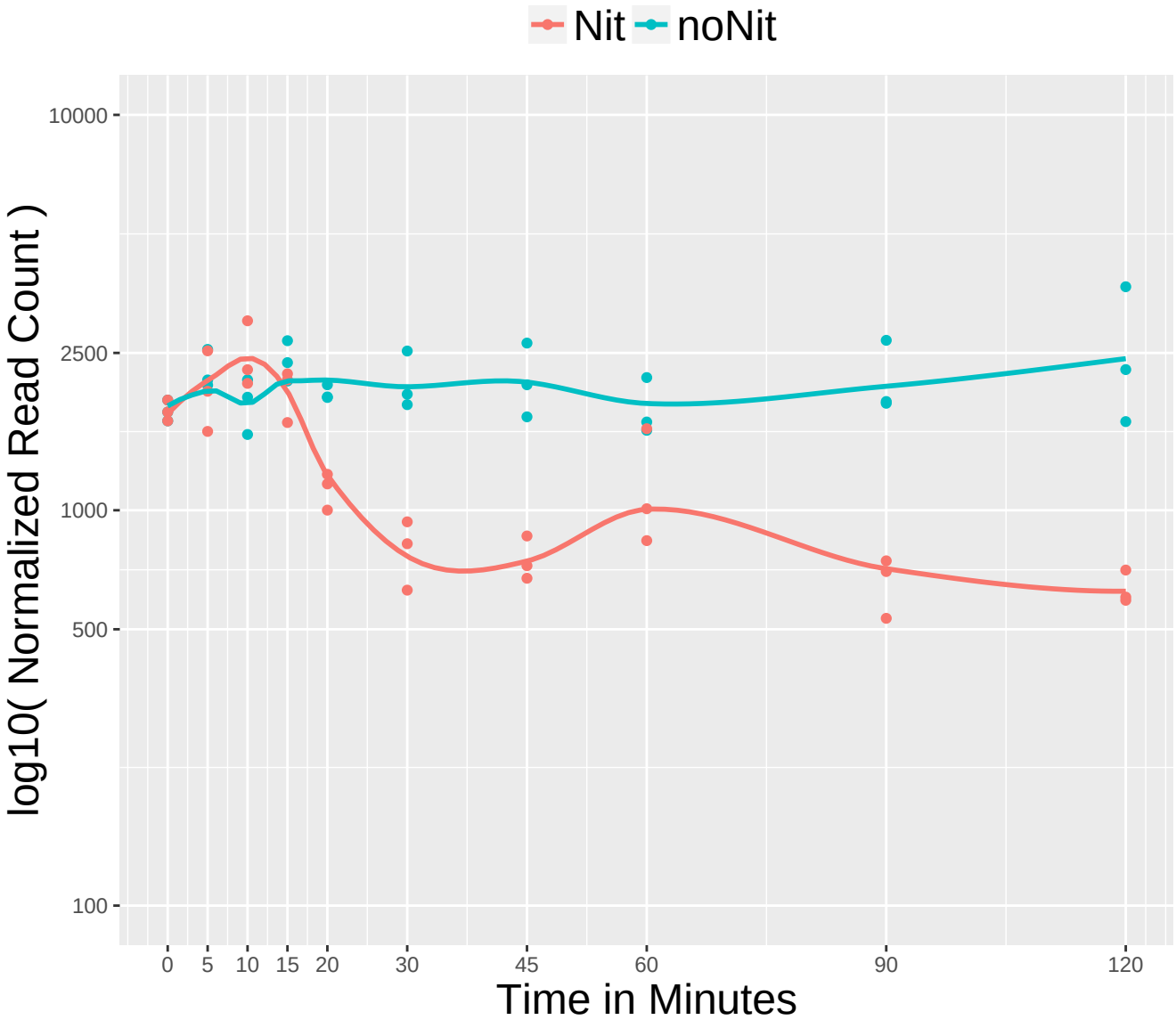
AT3G57490

Ribosomal



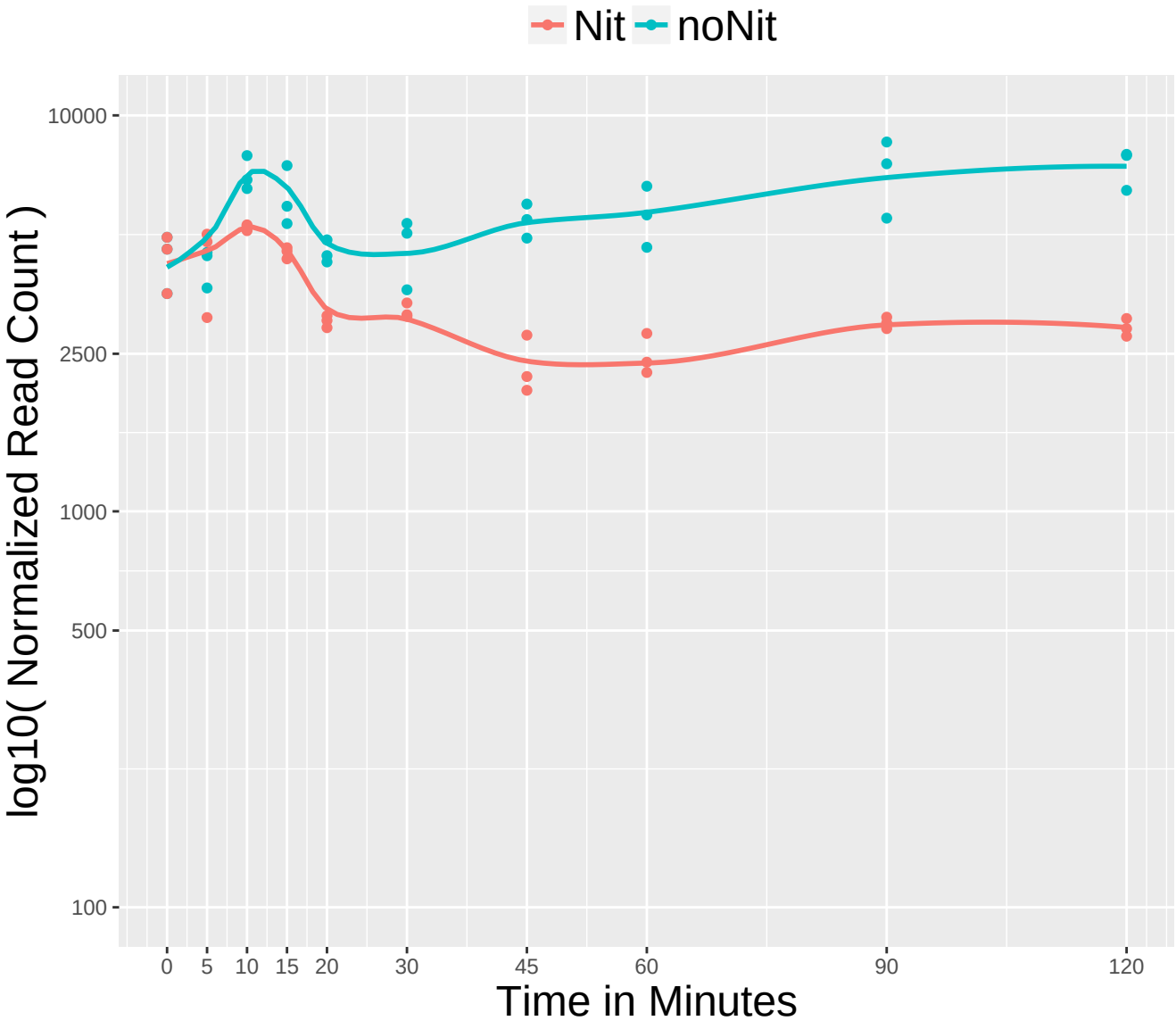
AT4G11280

ACS6,1−aminocyclopropane−1−carboxylic

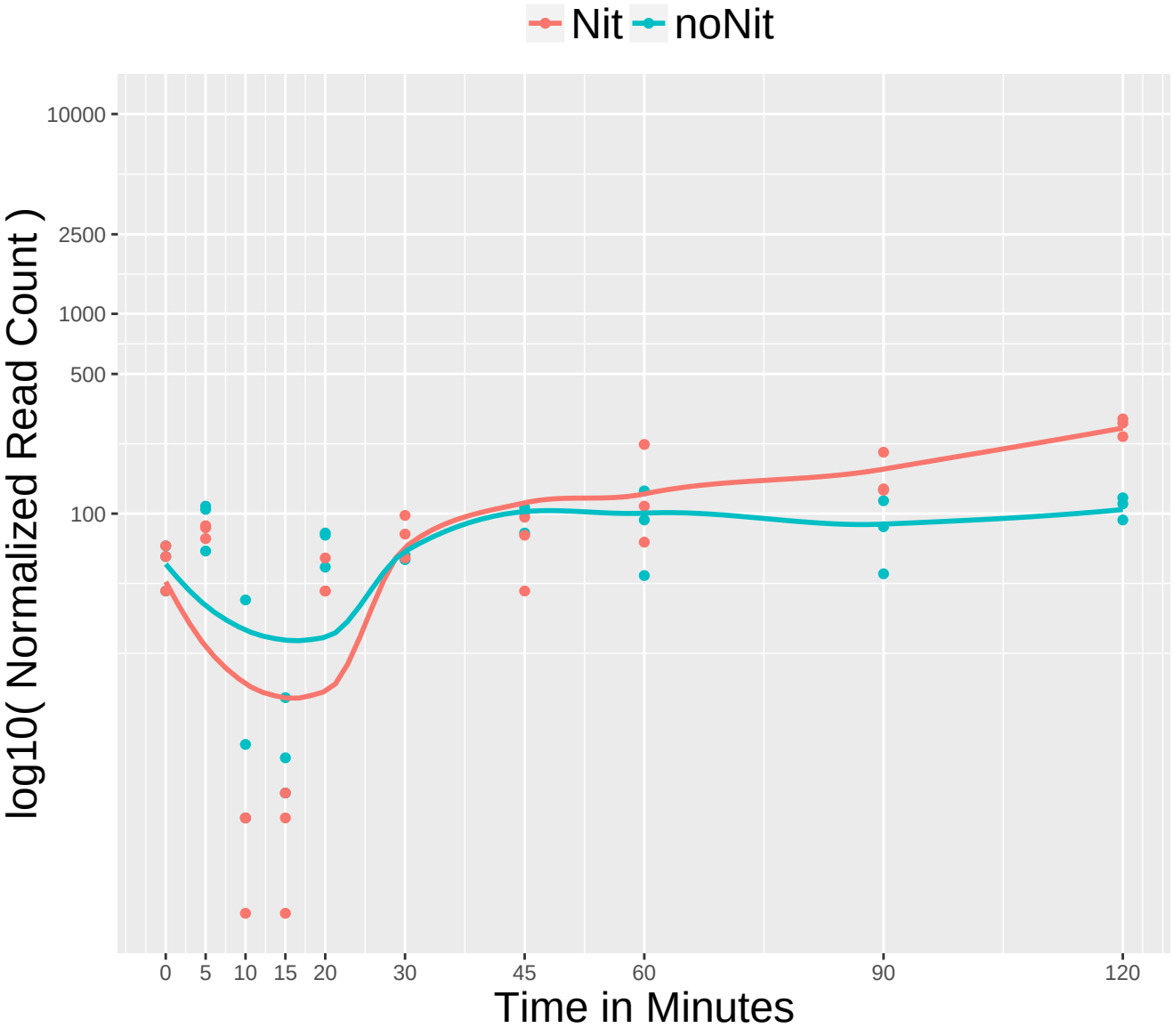


AT4G14580

CIPK4,CBL−interacting



AT4G16008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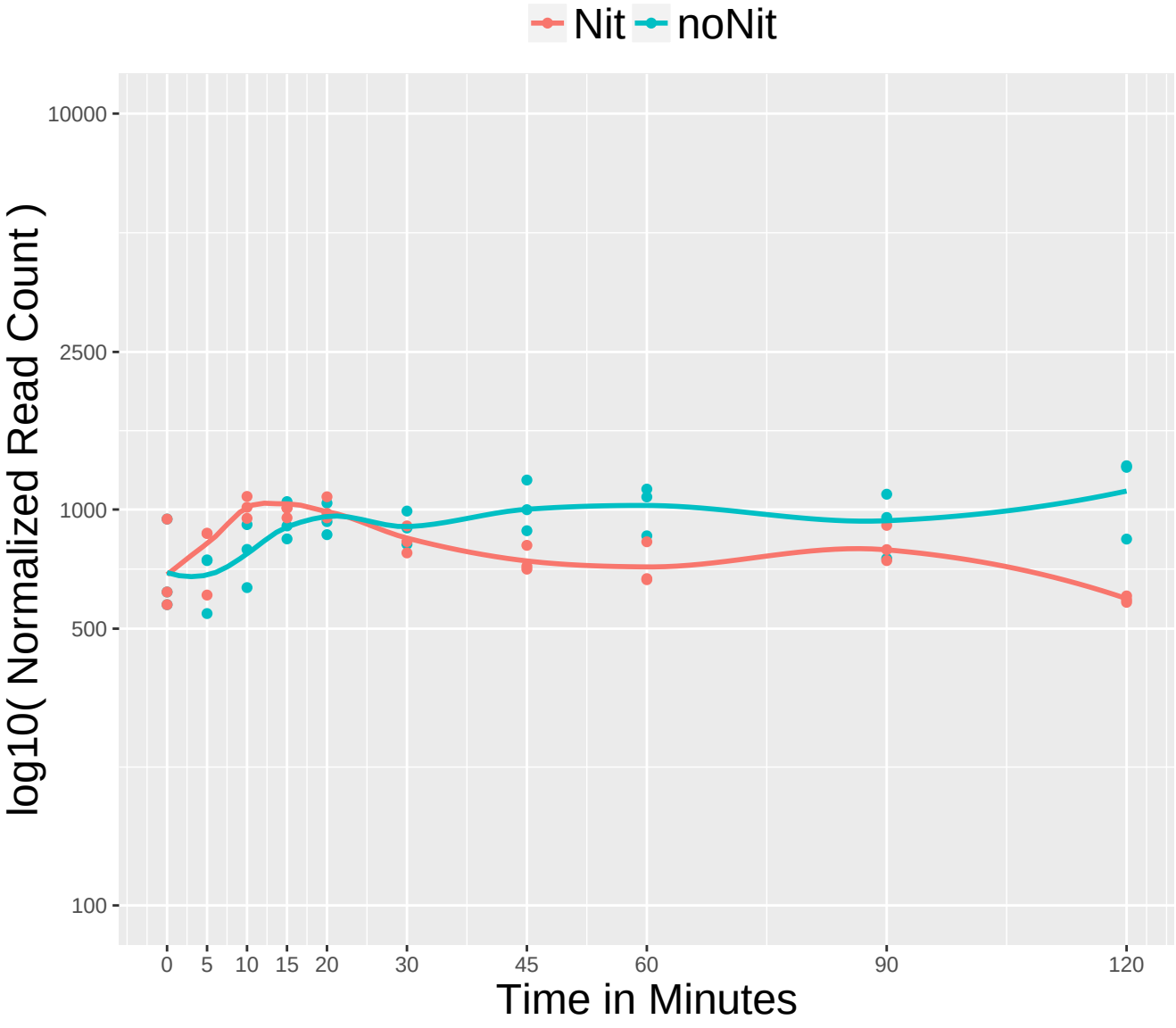
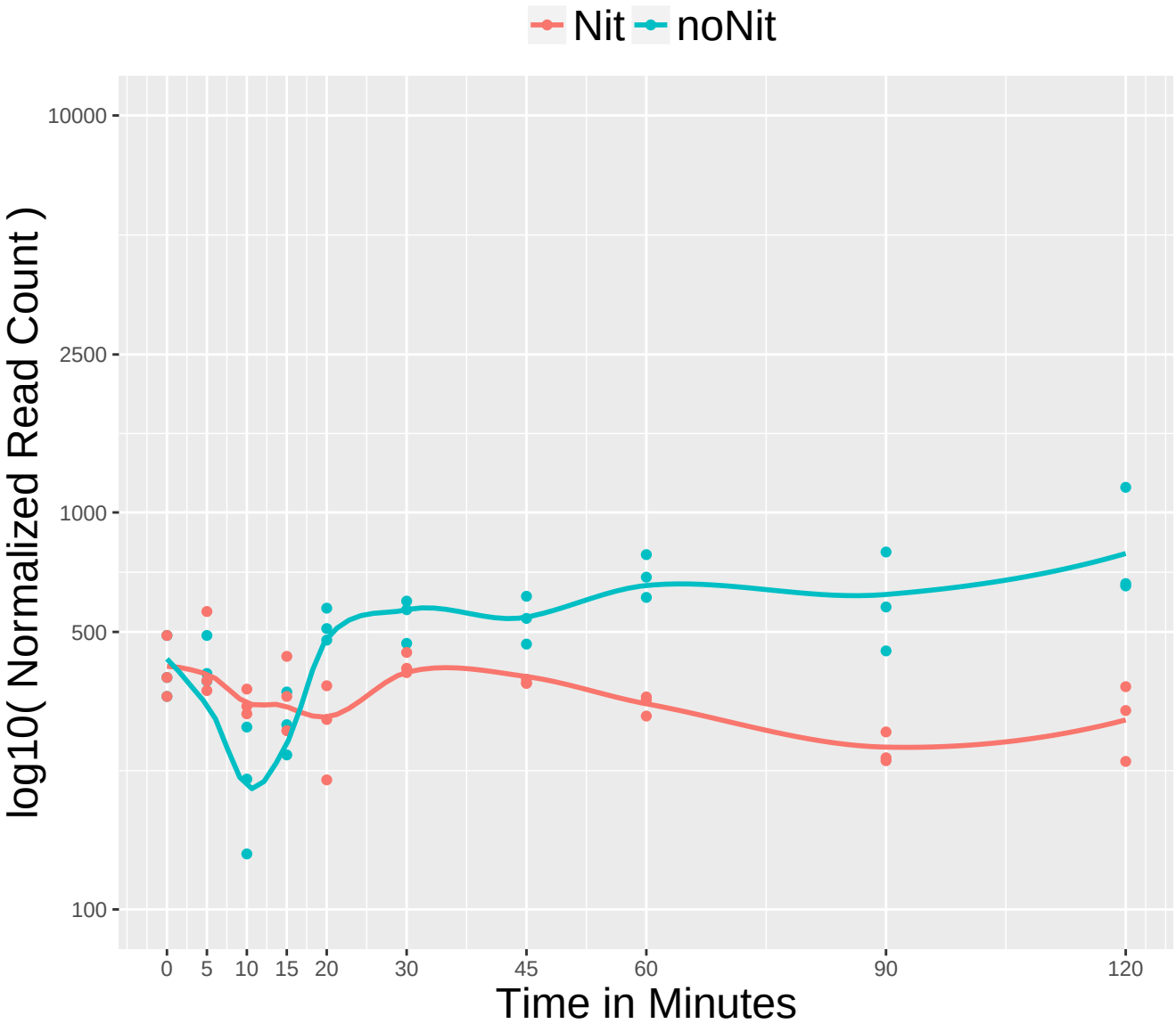
AT4G29440

Regulator



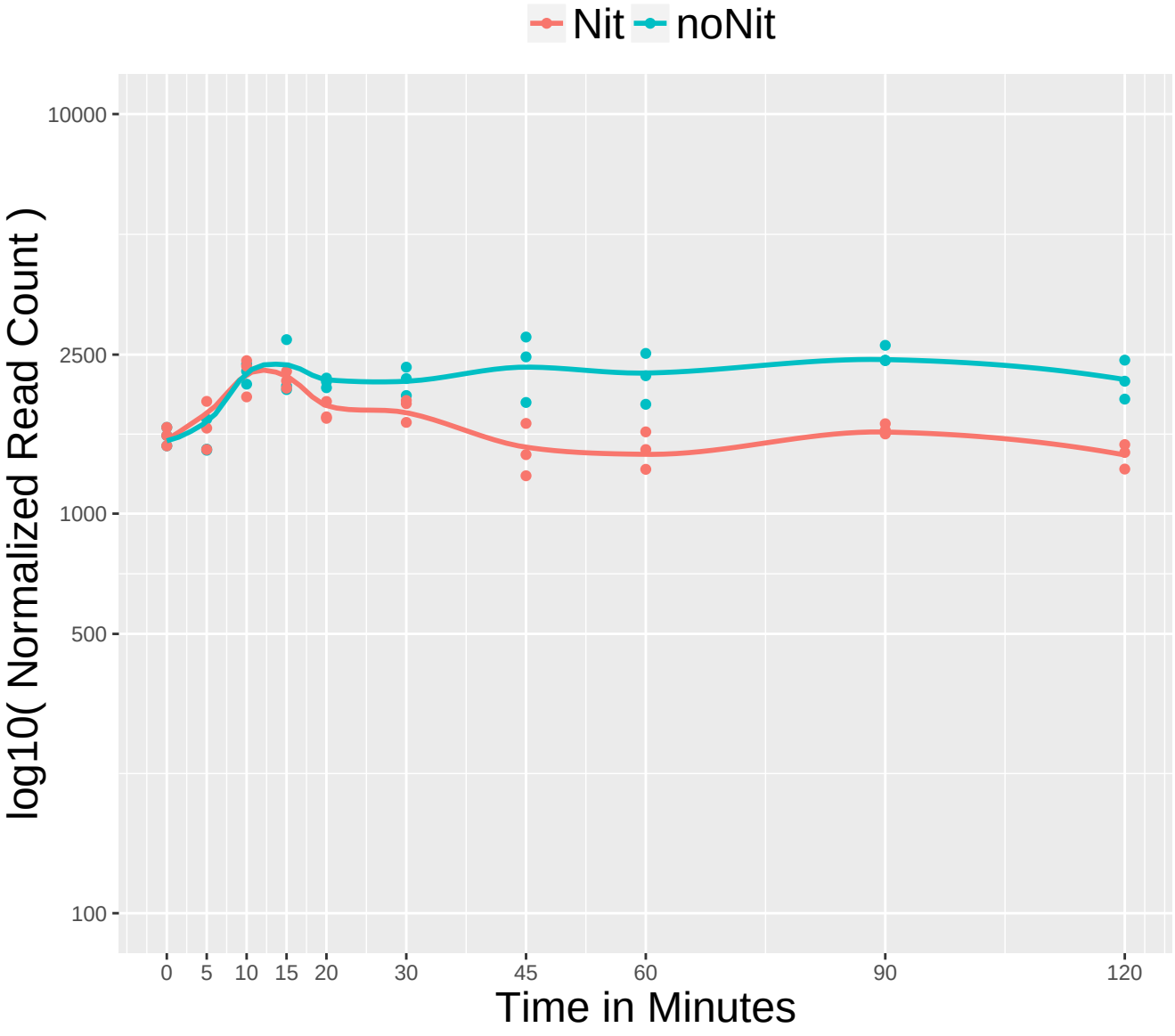
AT5G41000

AtYSL4,,YSL4,YELLOW



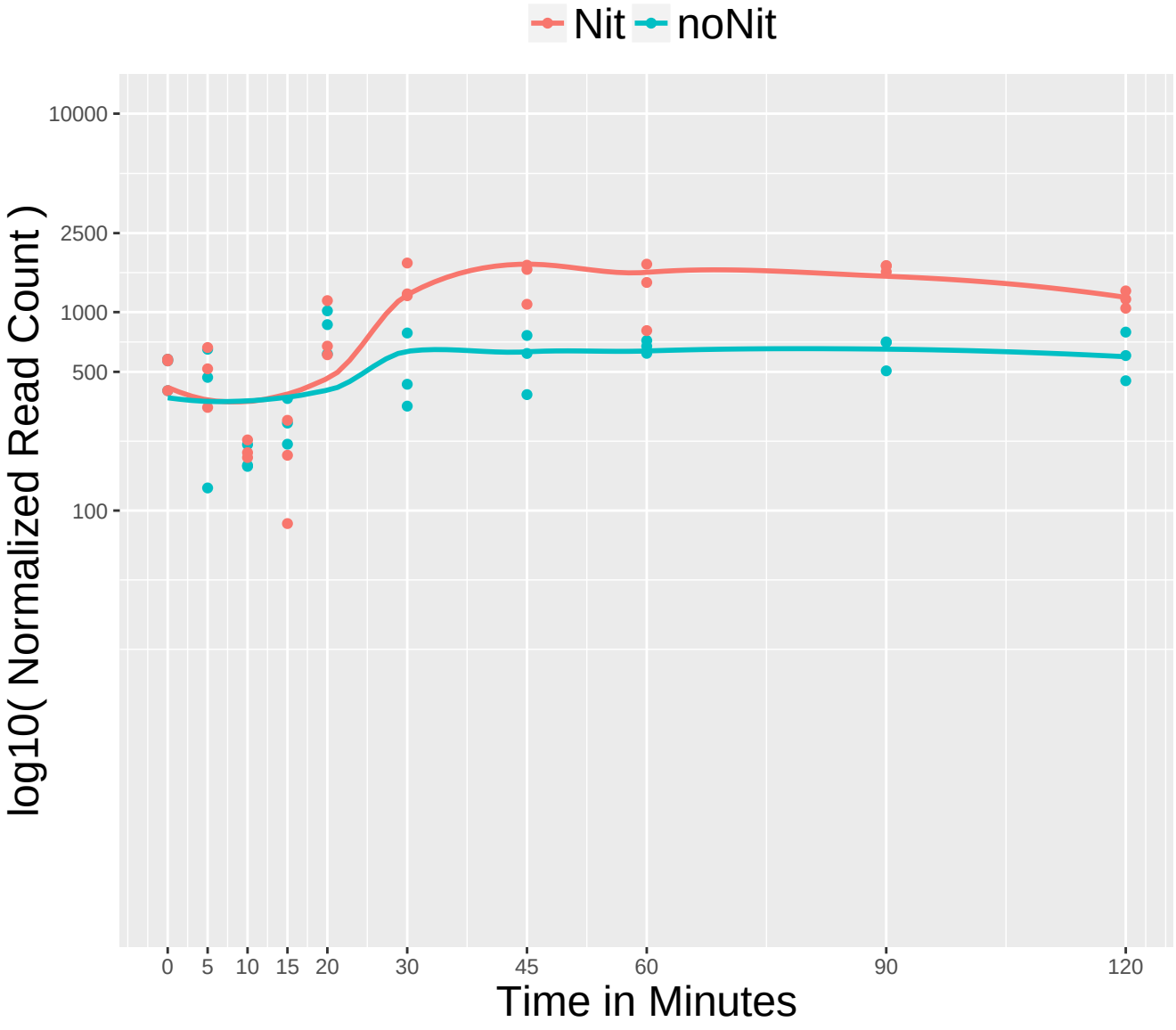
AT5G60580

RING/U−box



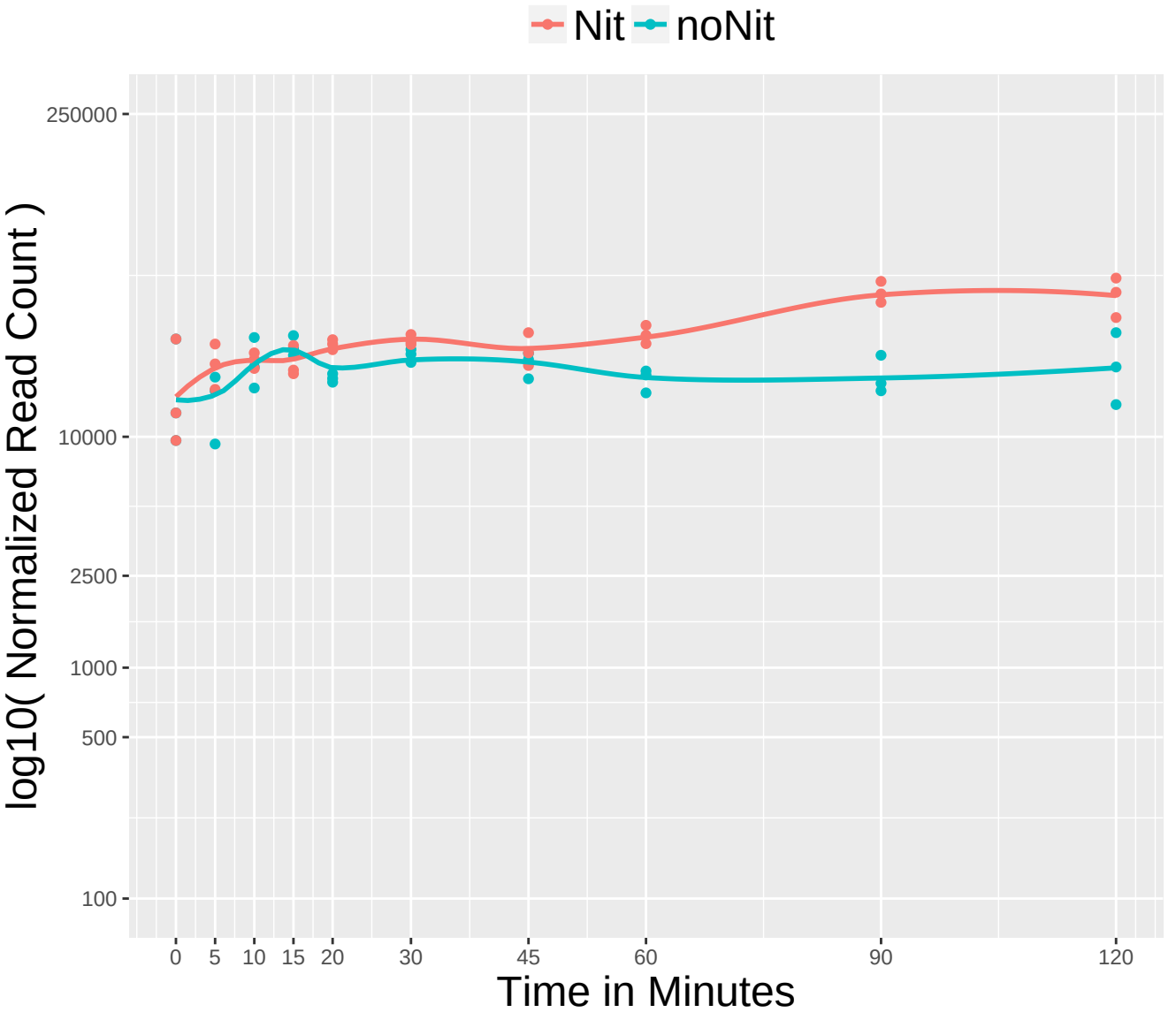
AT1G02230

ANAC004,NAC



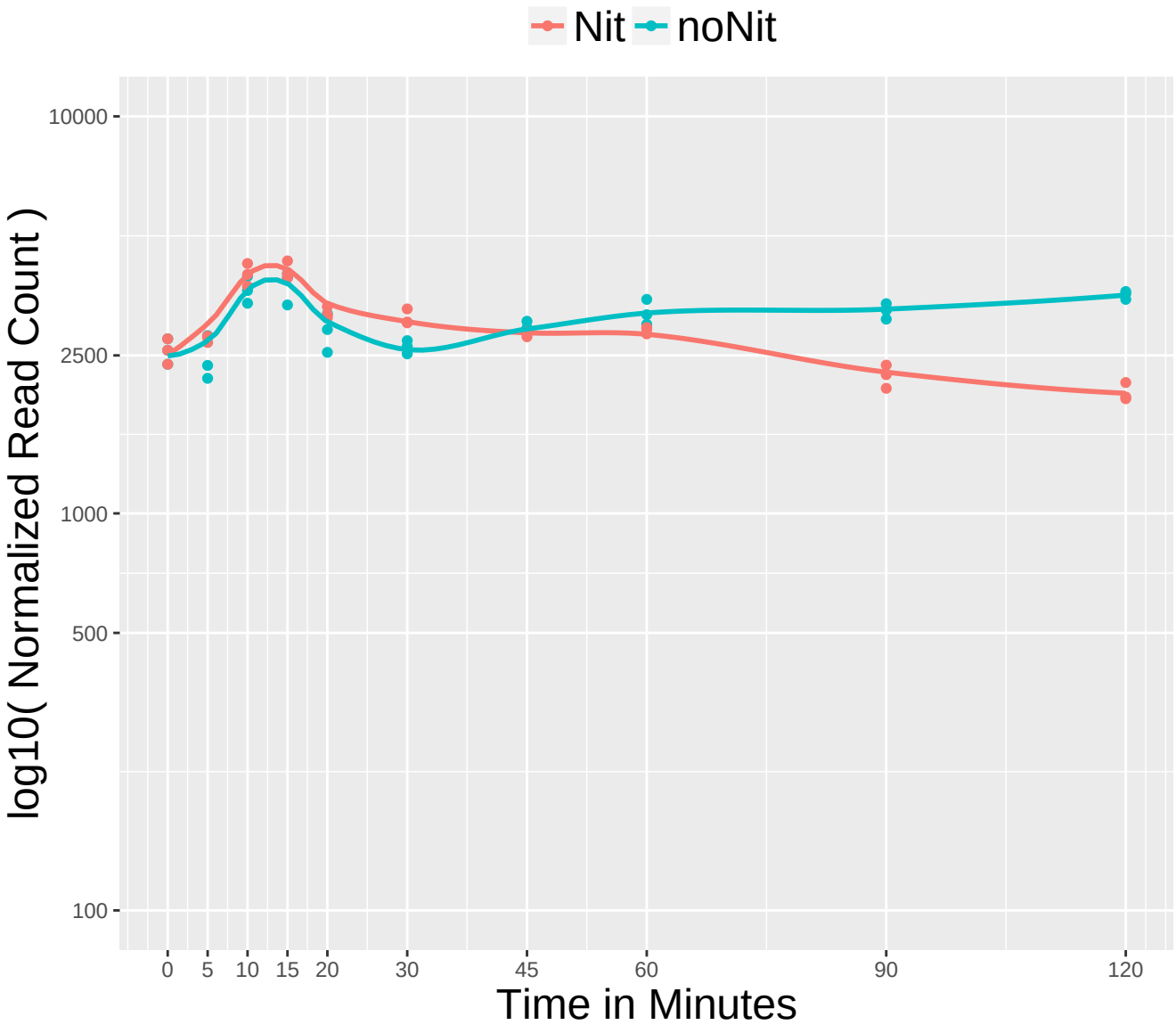
AT1G03220

Eukaryotic



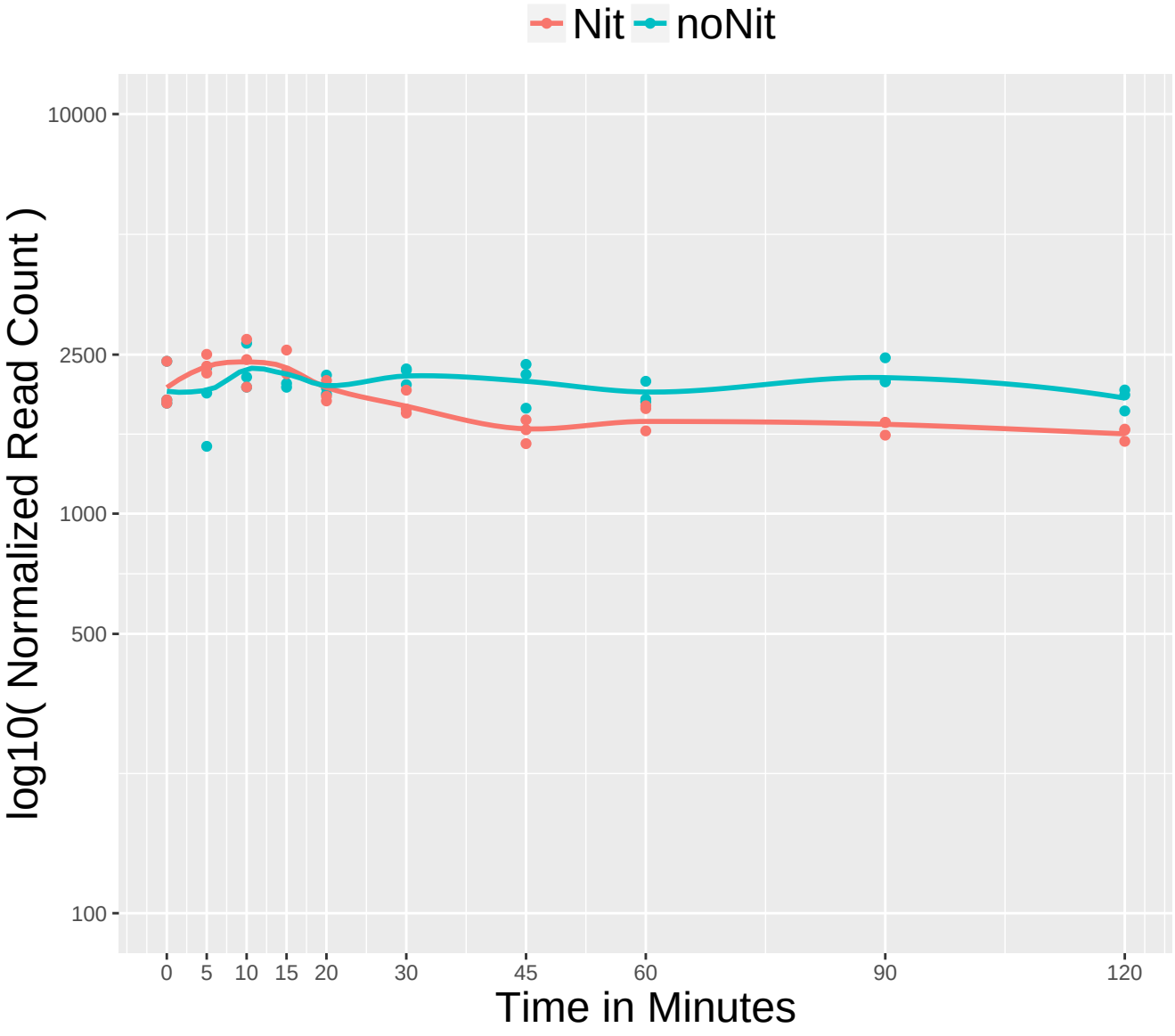
AT1G22070

TGA3,TGA1A−related



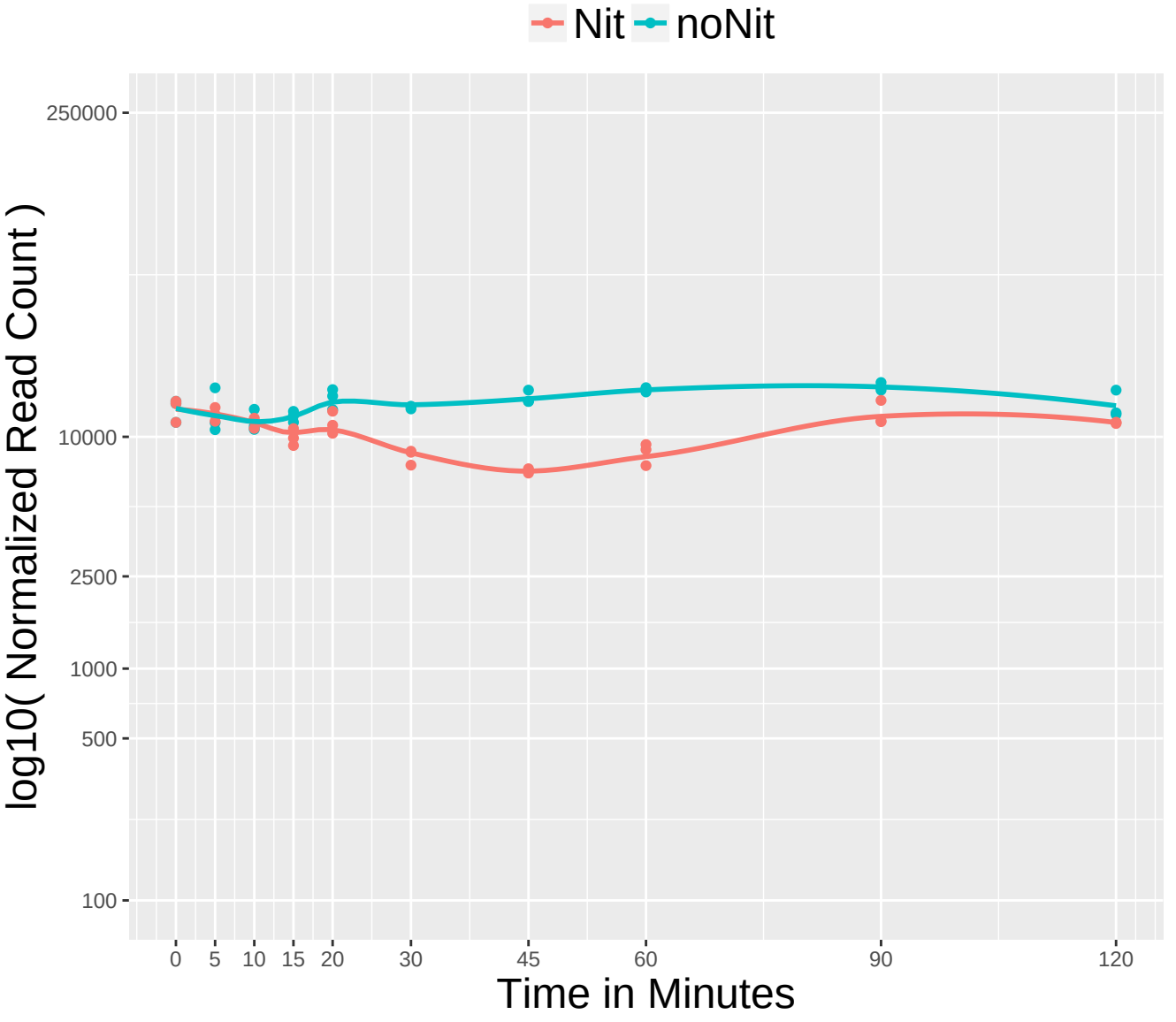
AT1G31440

SH3



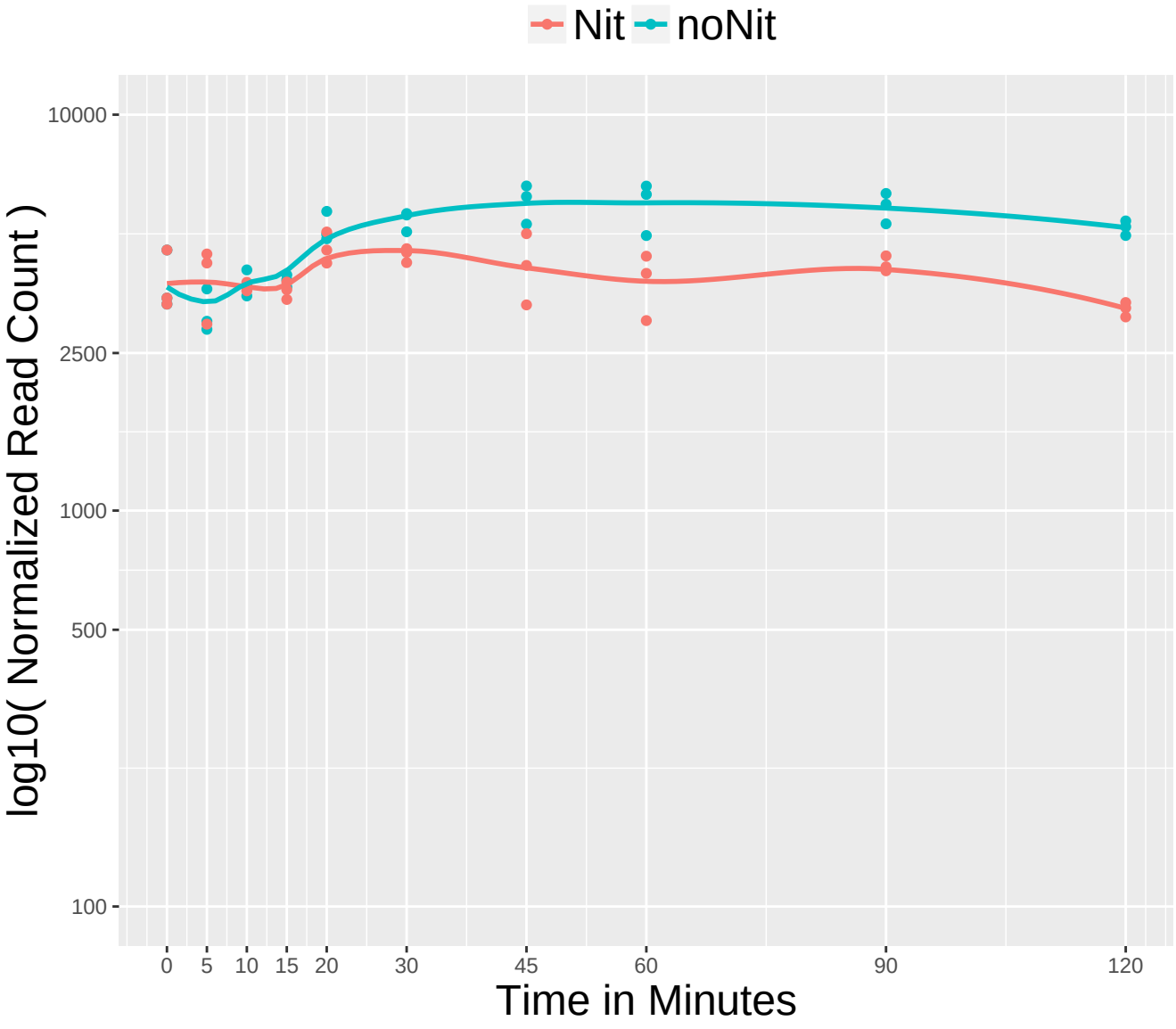
AT1G76990

ACR3,ACT



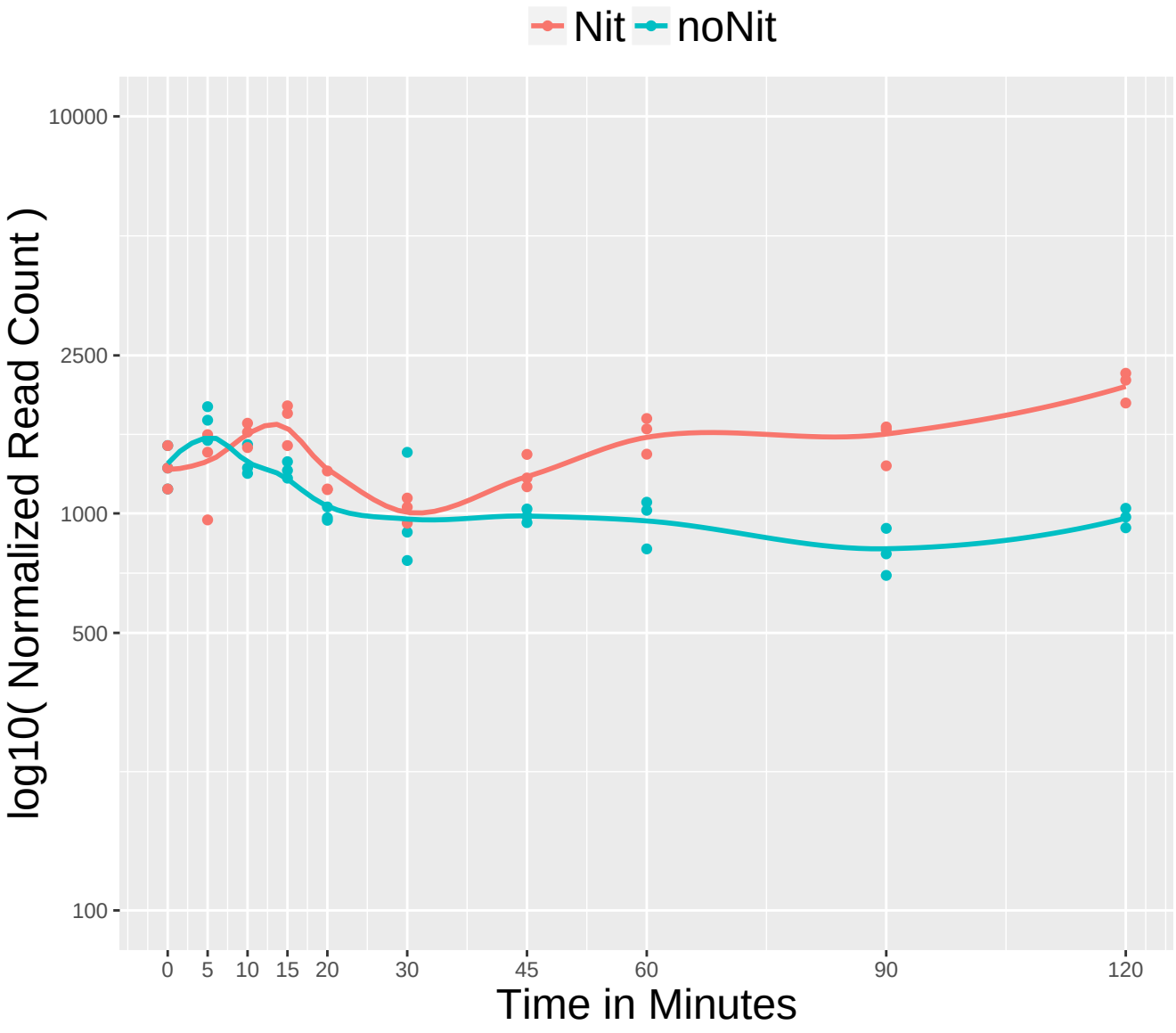
AT2G47070

SPL1,squamosa



AT3G06500

A/N−InvC,alkaline/neutral



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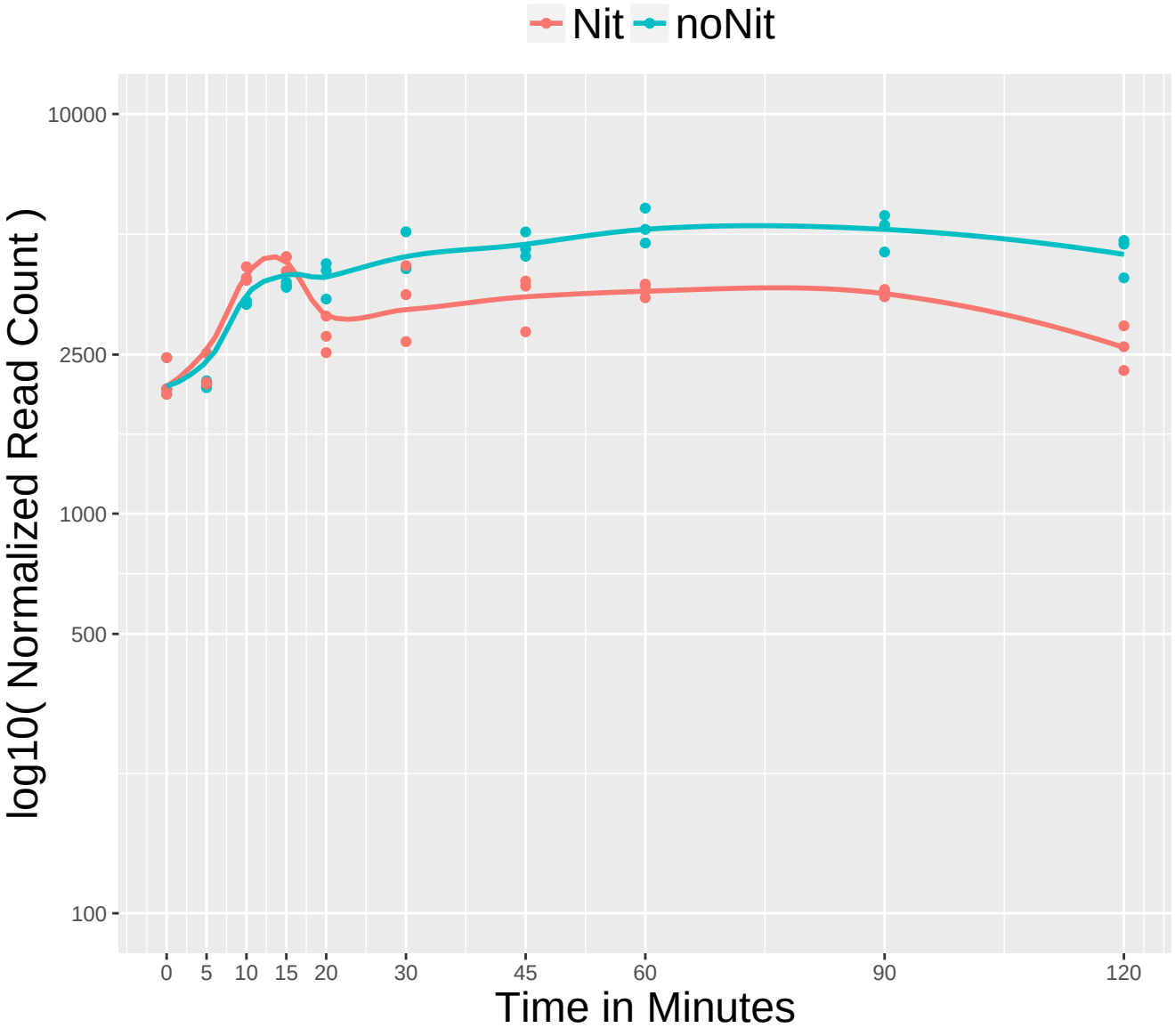
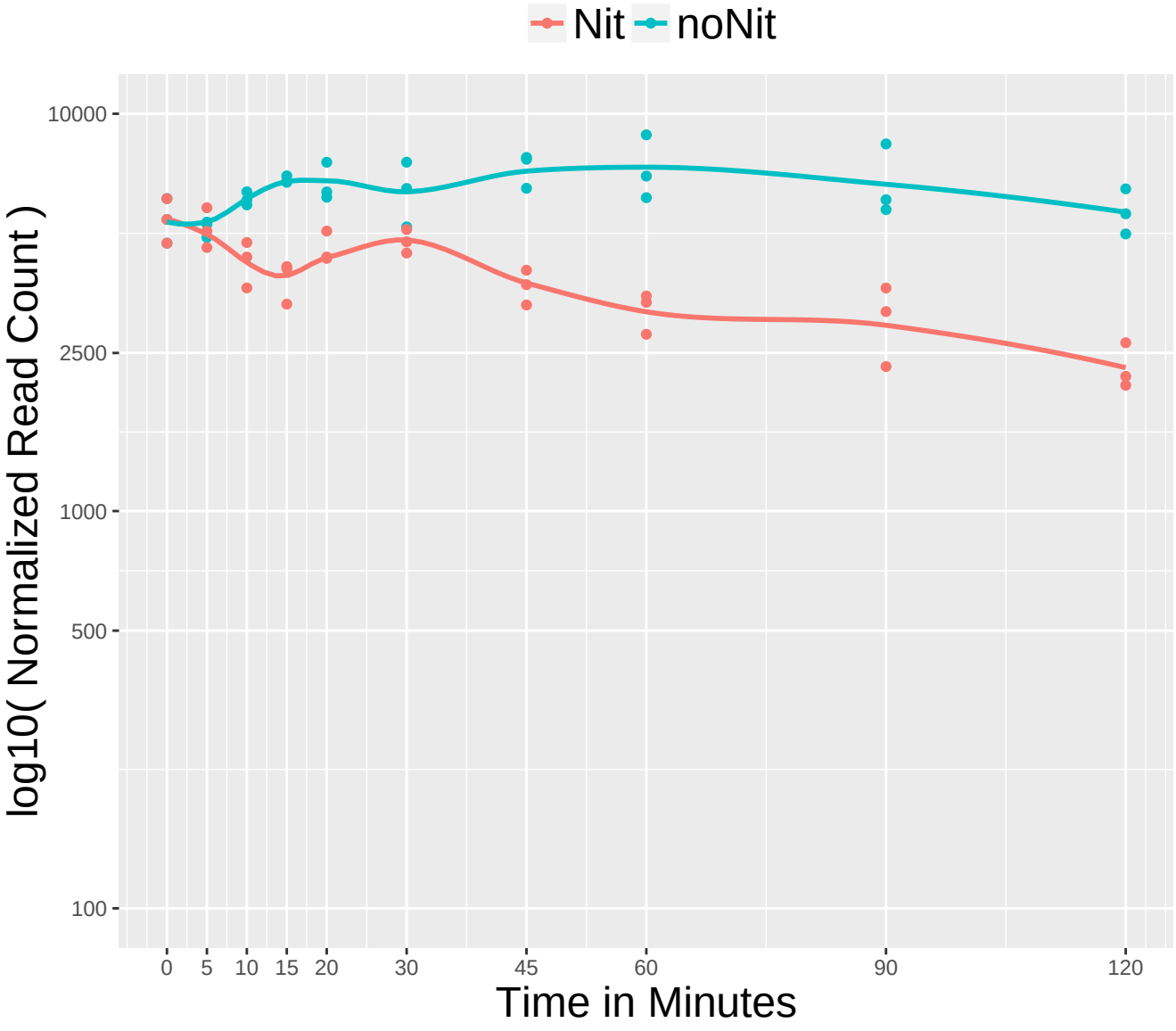
PPPDE



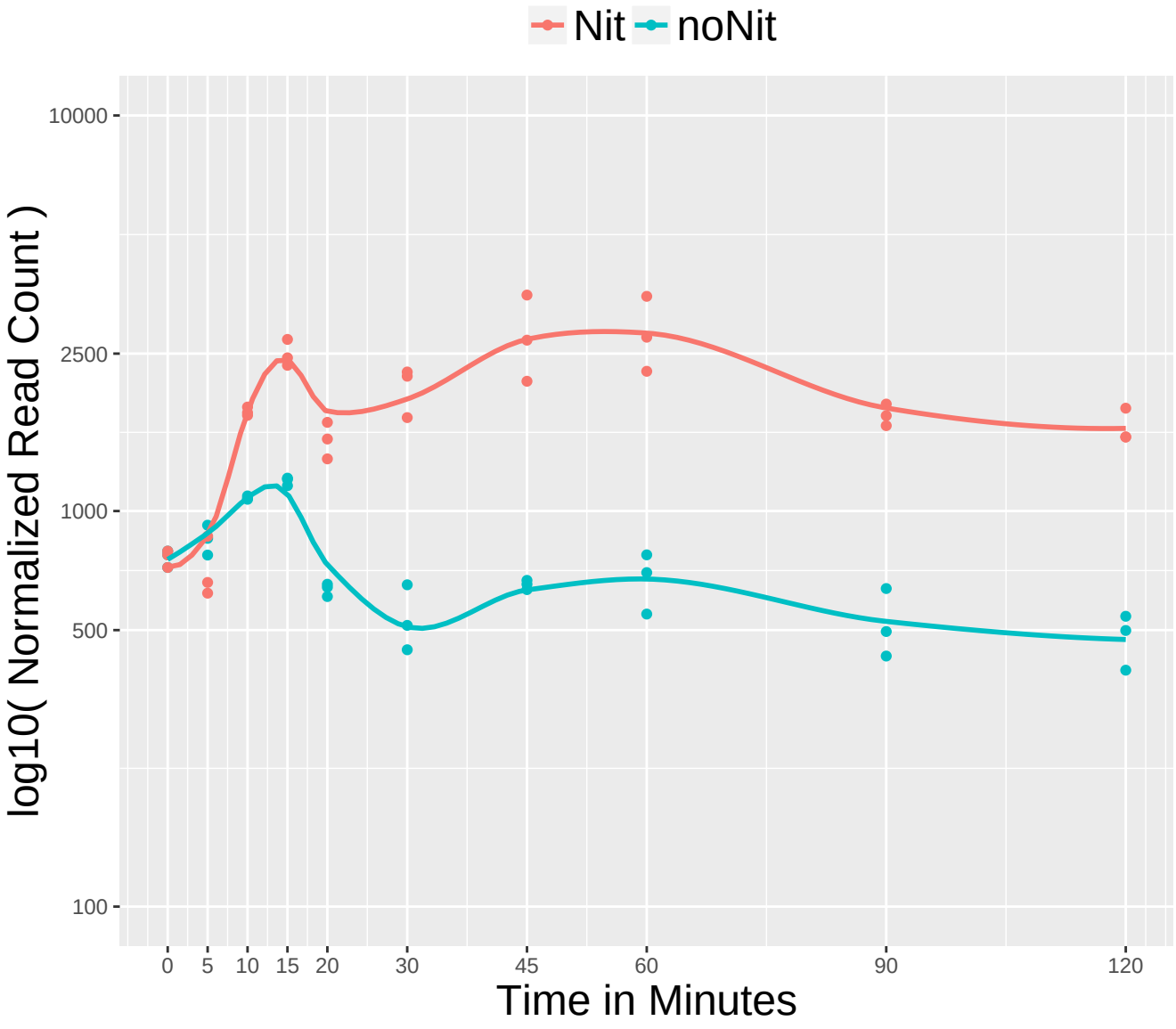
AT3G21230

4CL5,4−coumarate:CoA



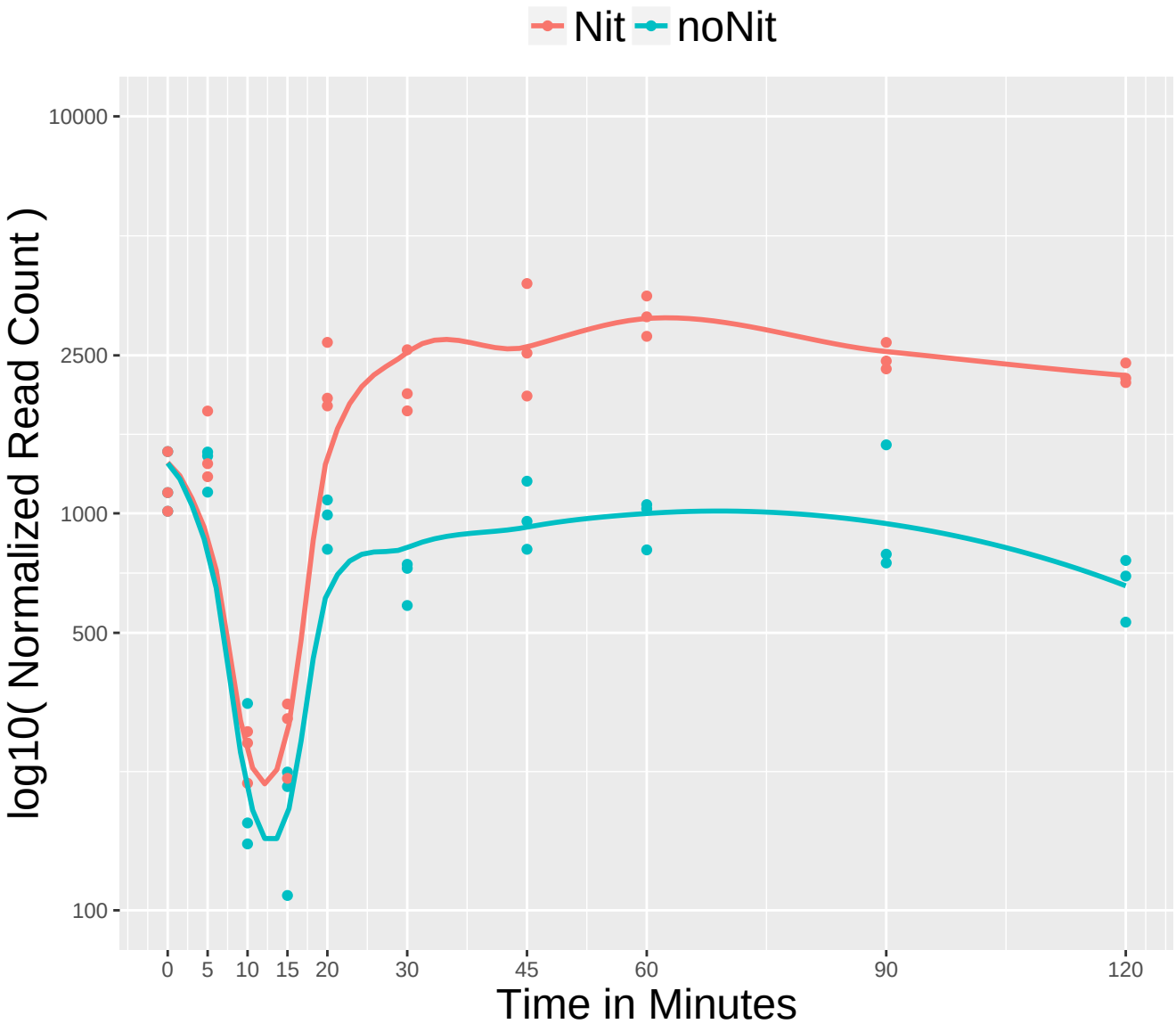
AT3G22942

AGG2,G−protein



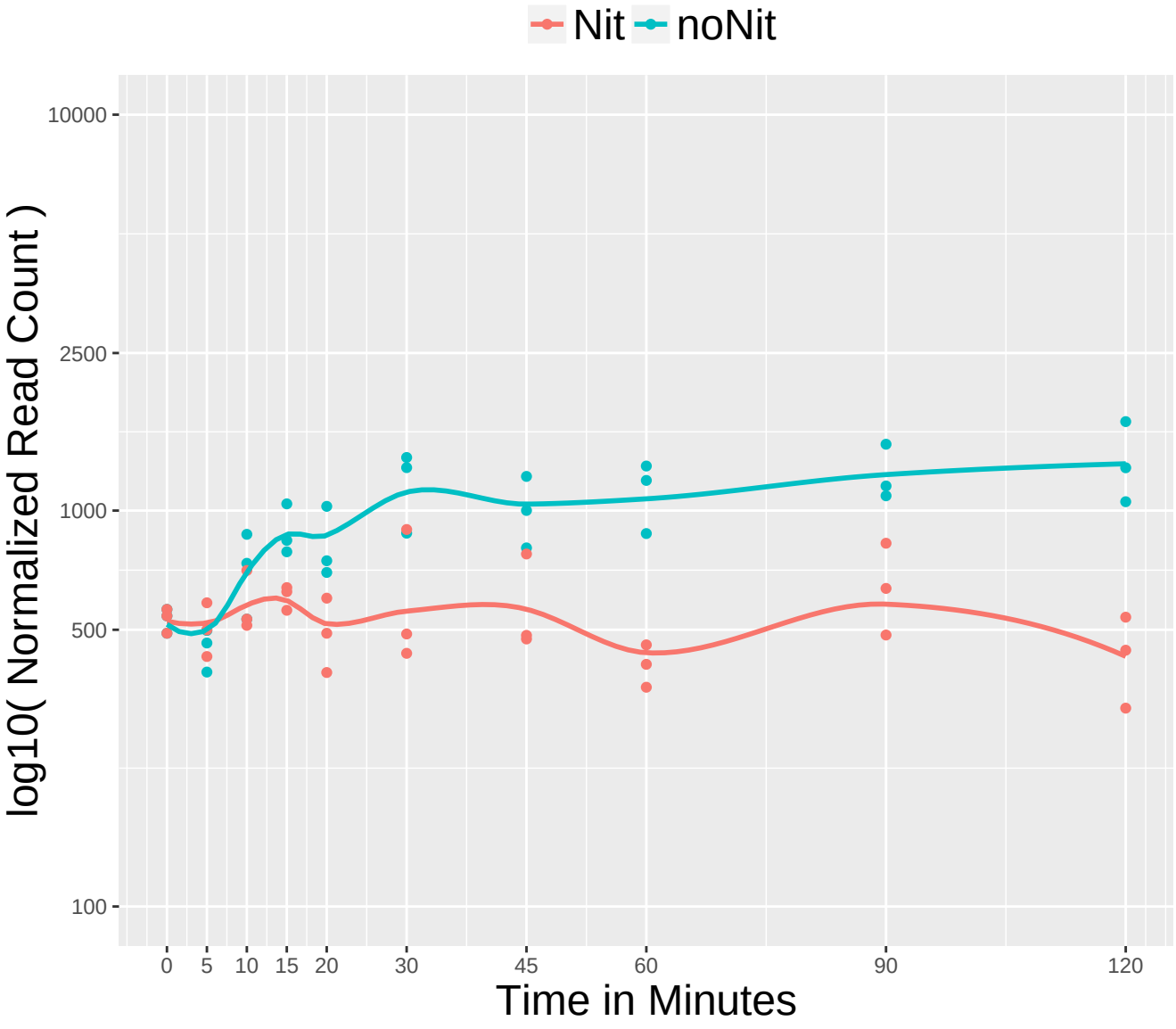
AT3G25717

DVL6,DEVIL



AT3G29410

Terpenoid



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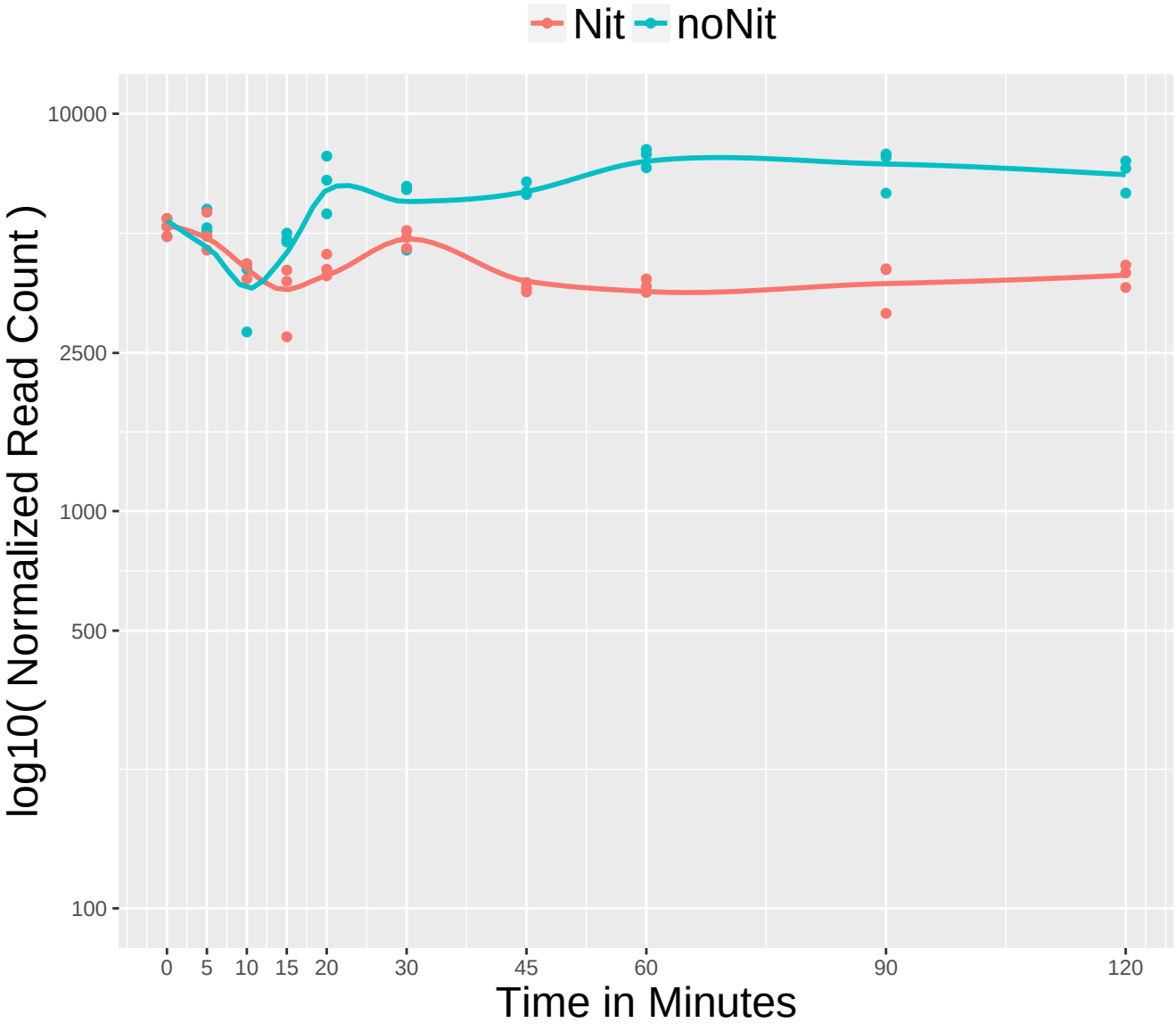

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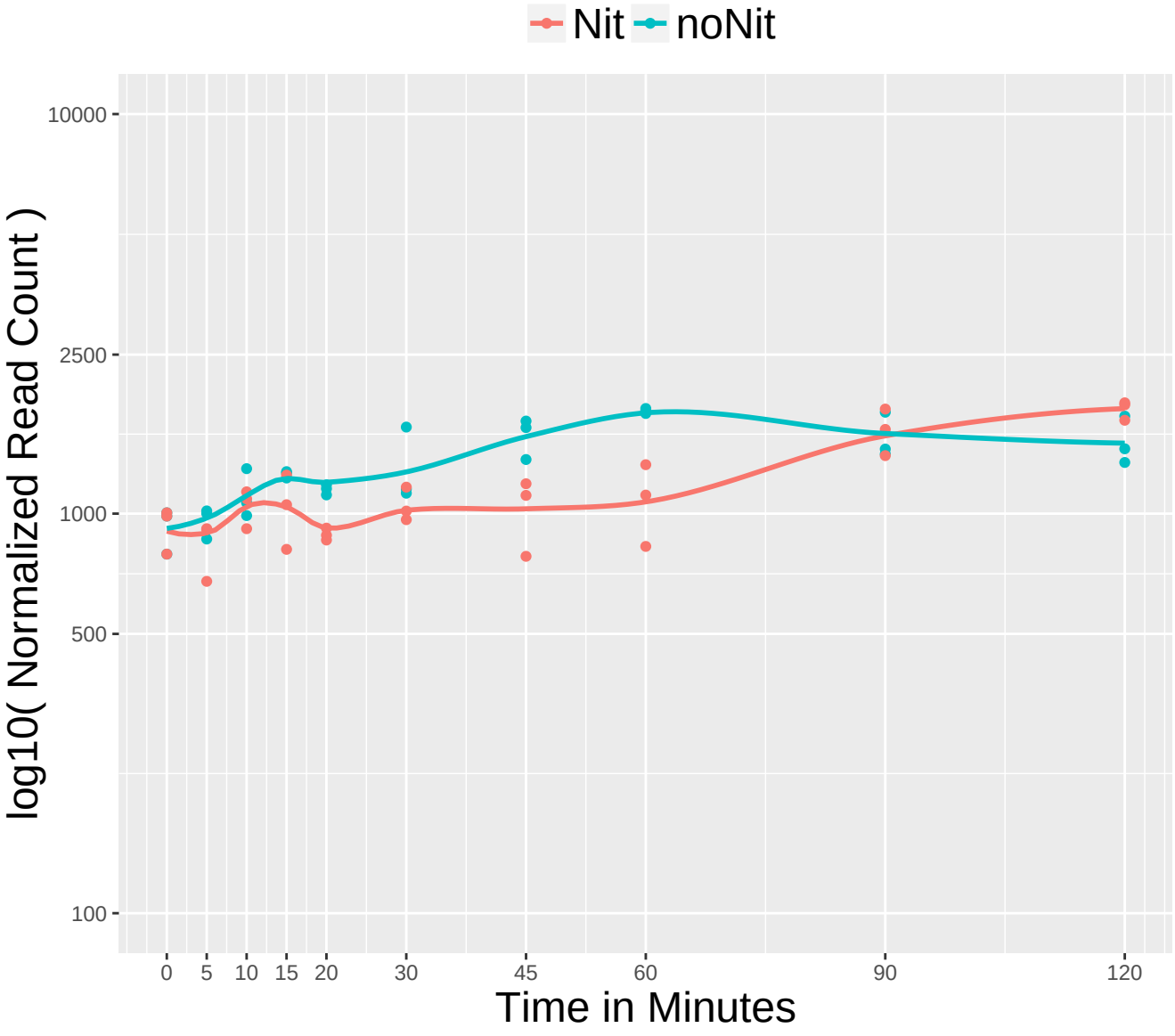

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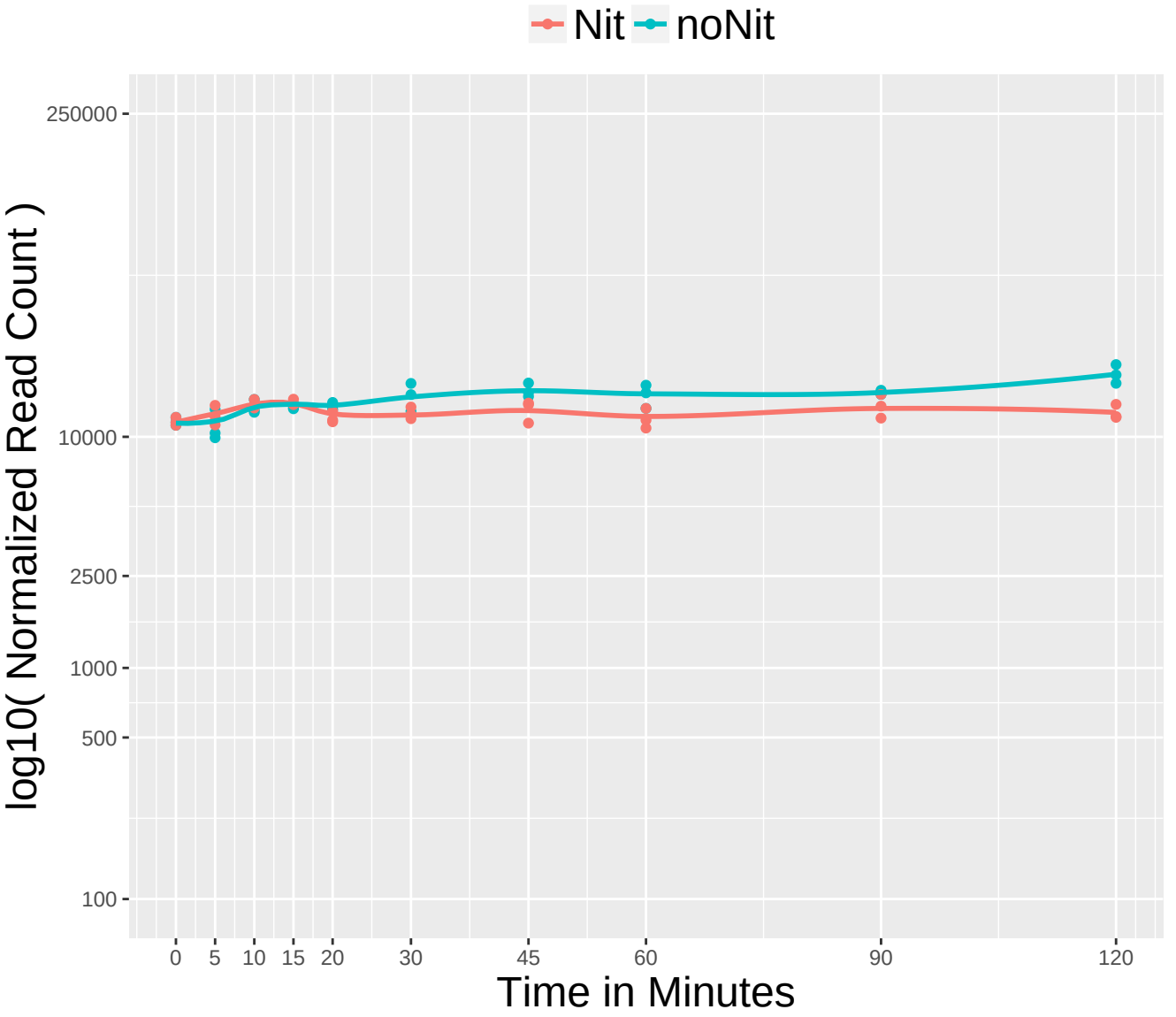

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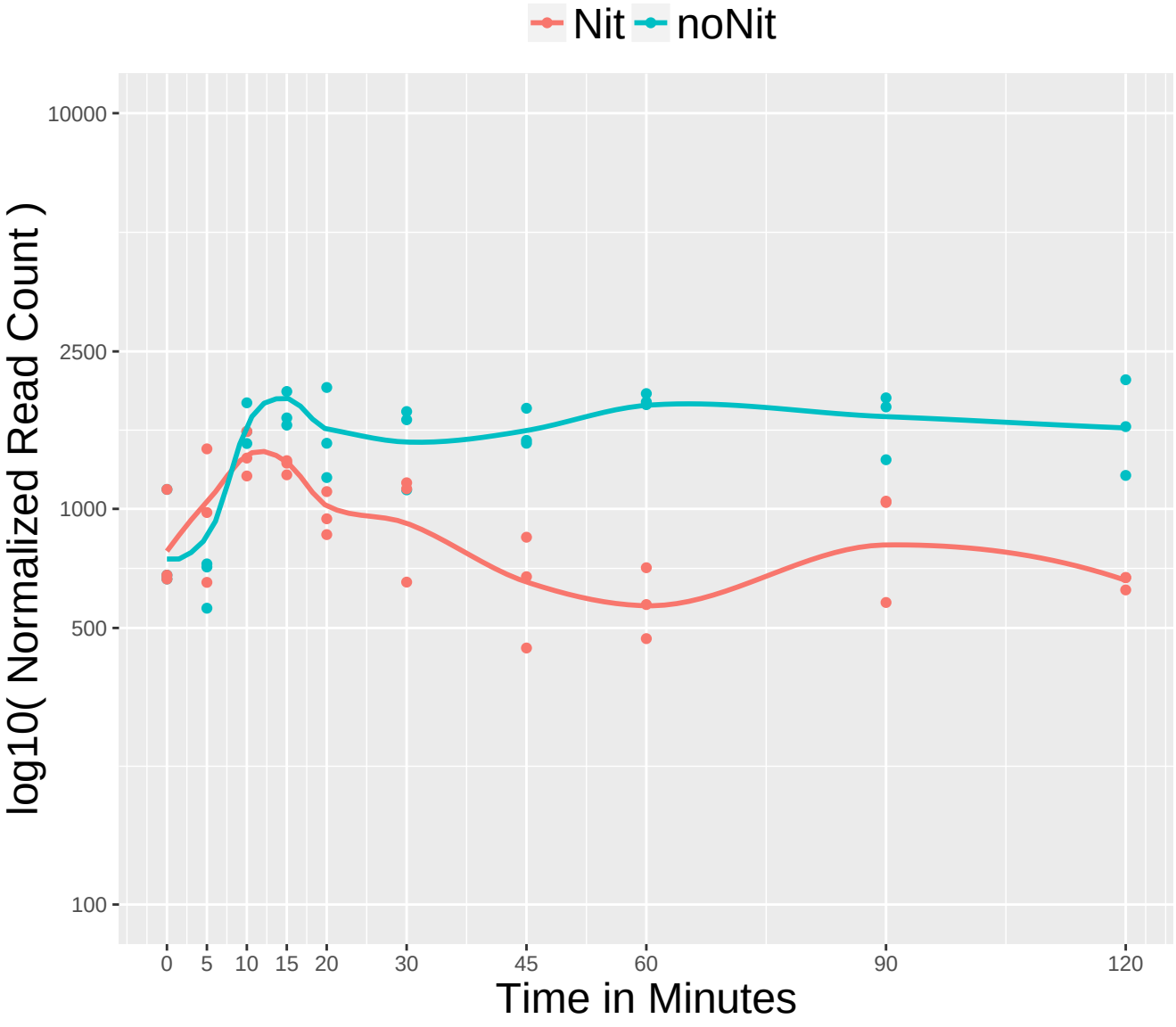

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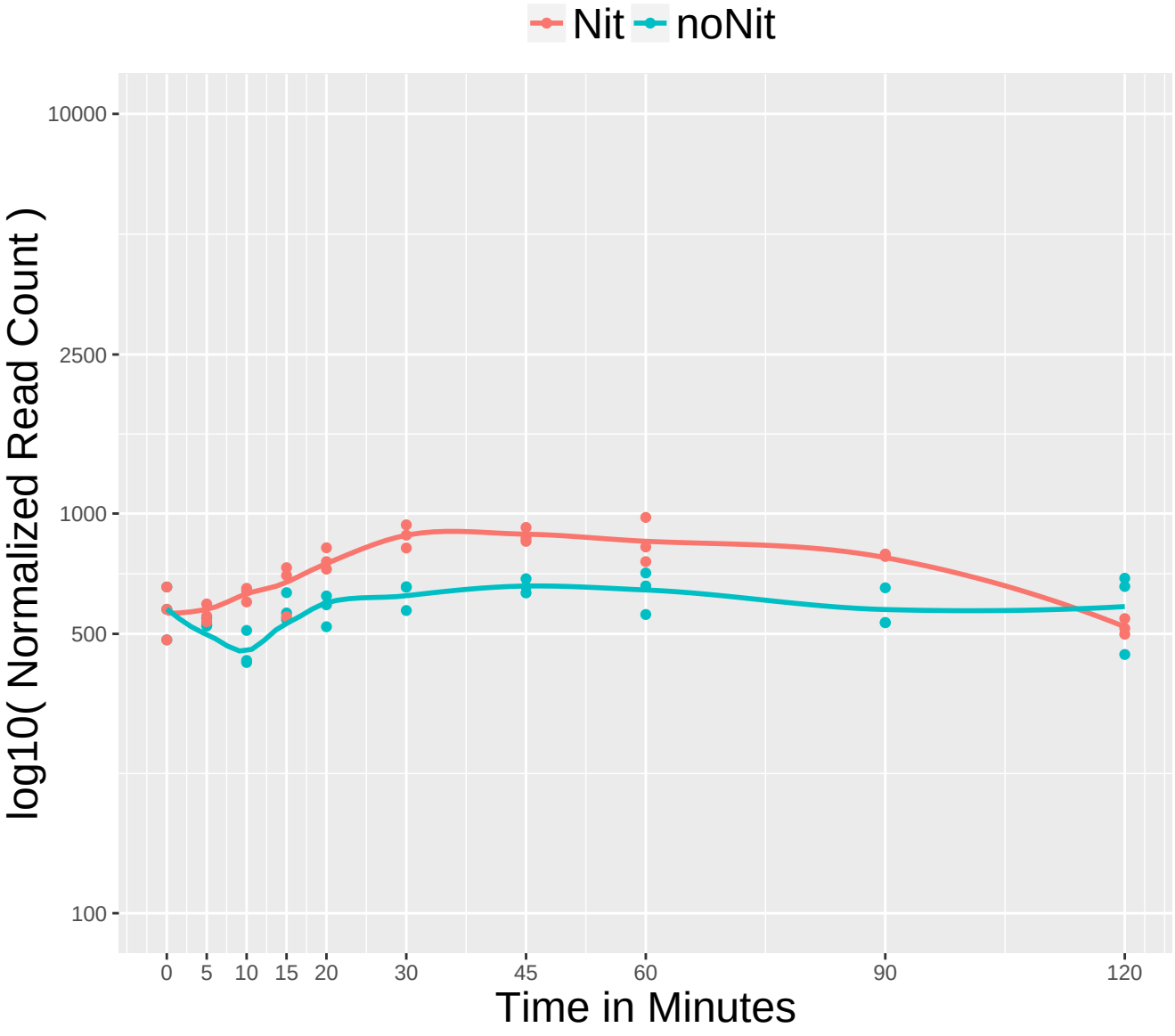

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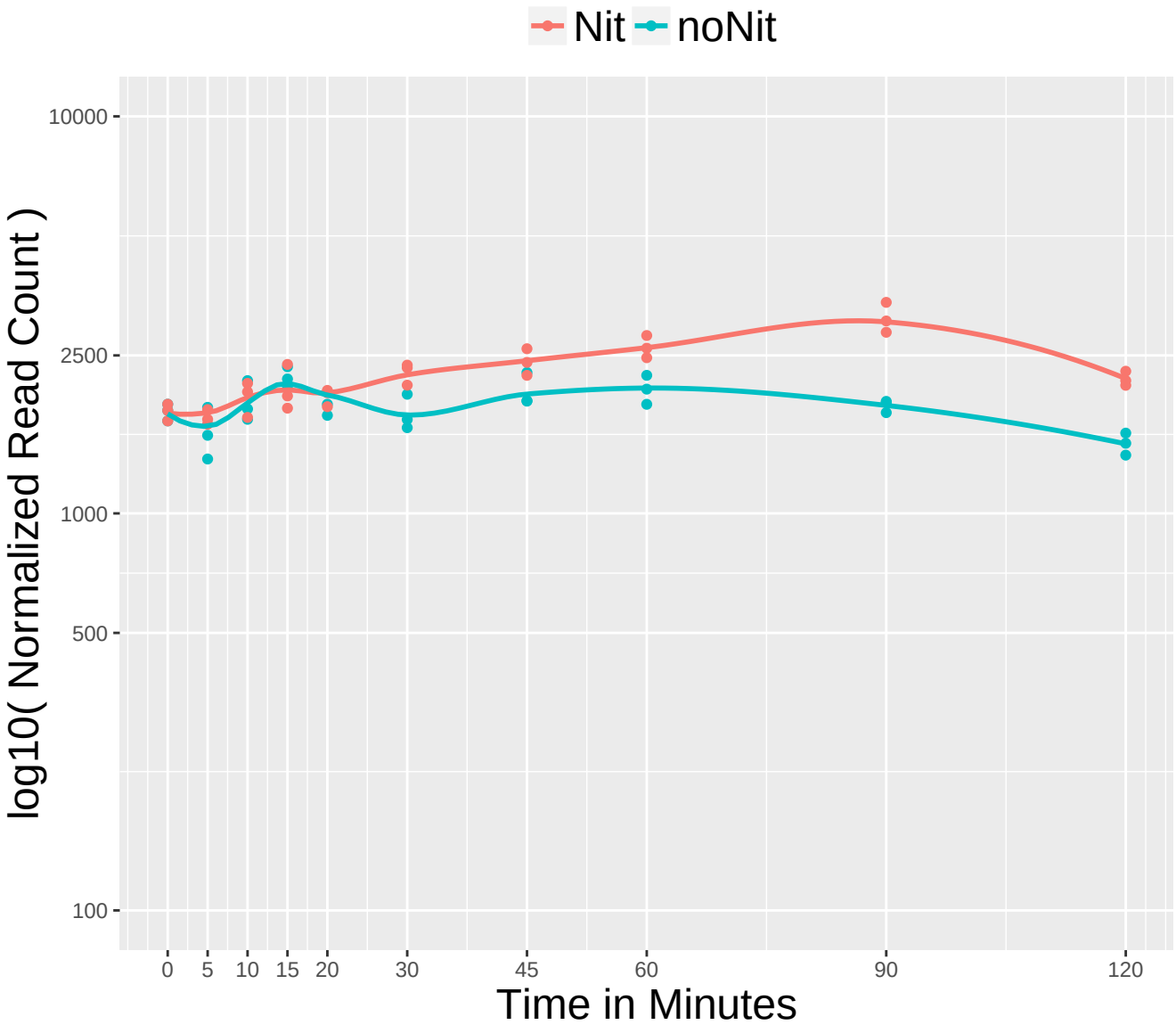
JKD,JACKDAW



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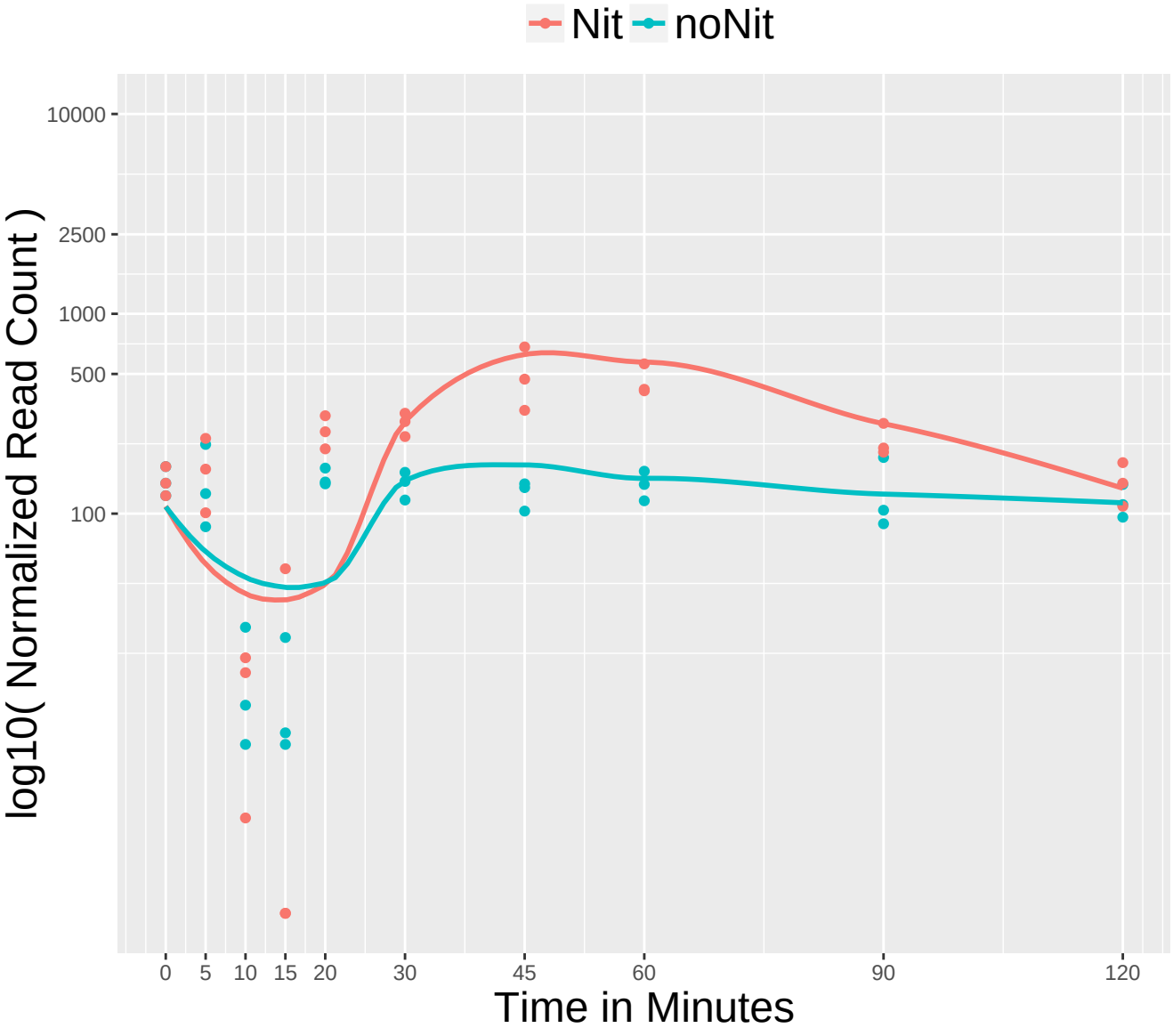
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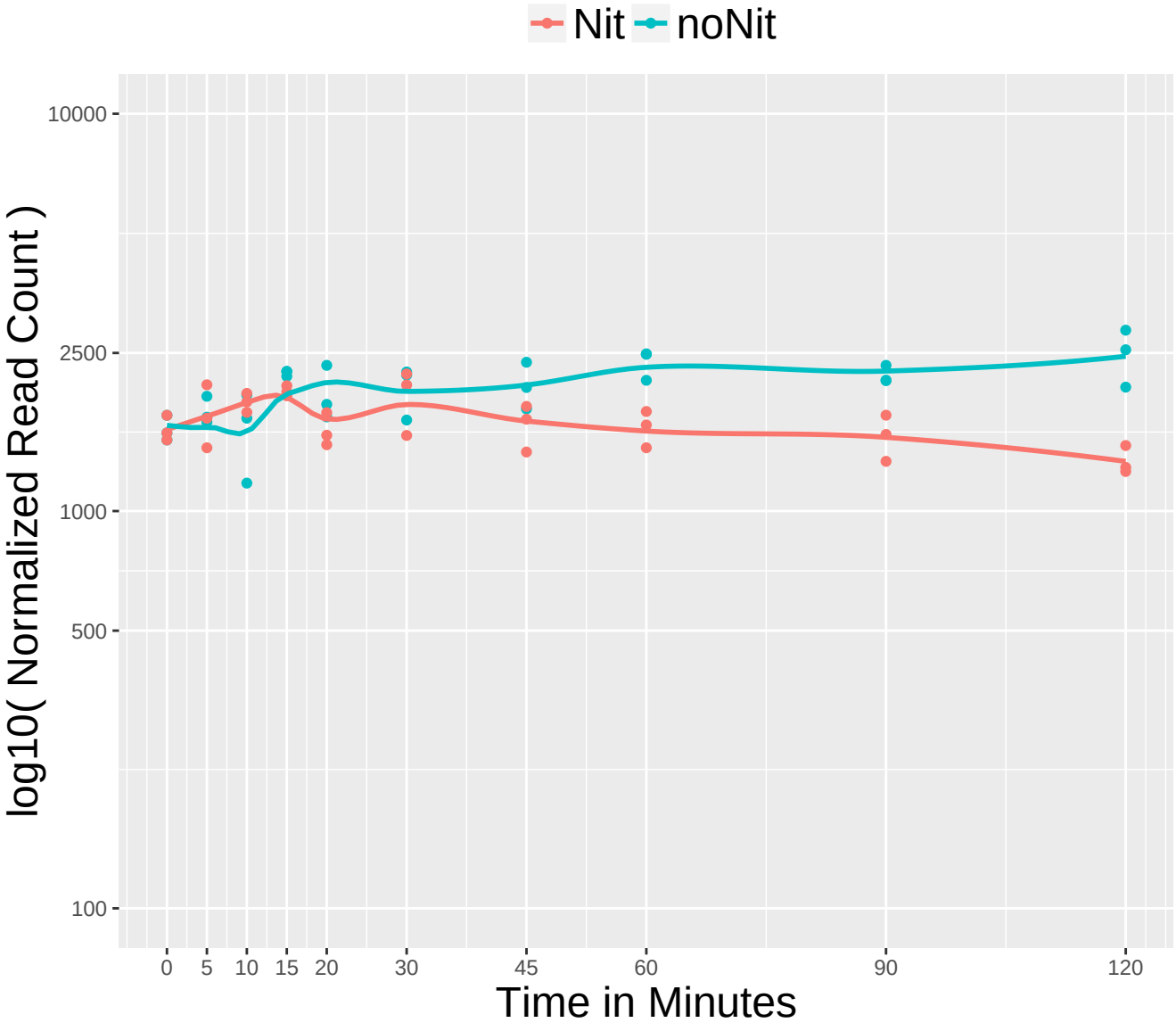
AT5G44480

DUR,DEFECTIVE



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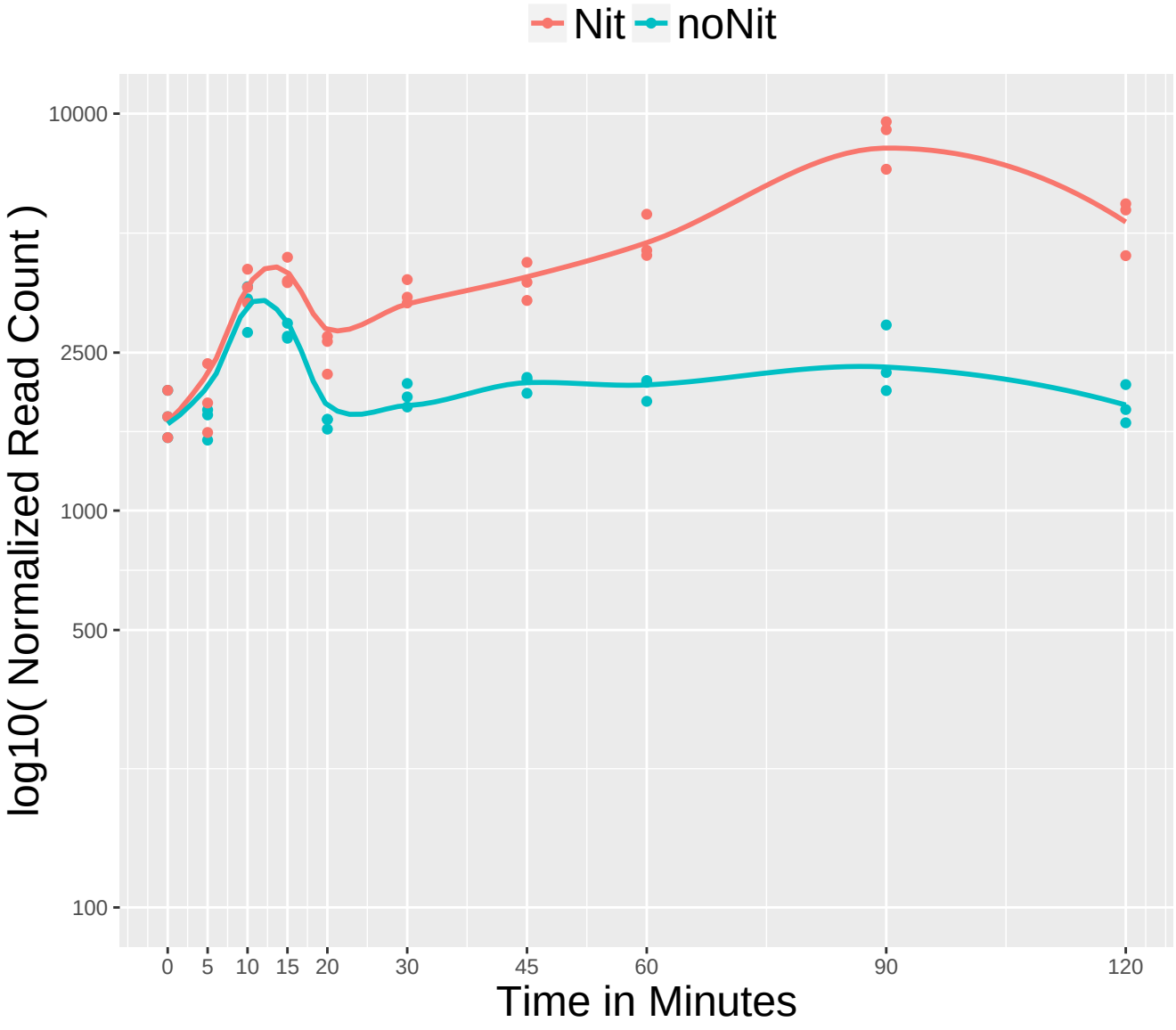

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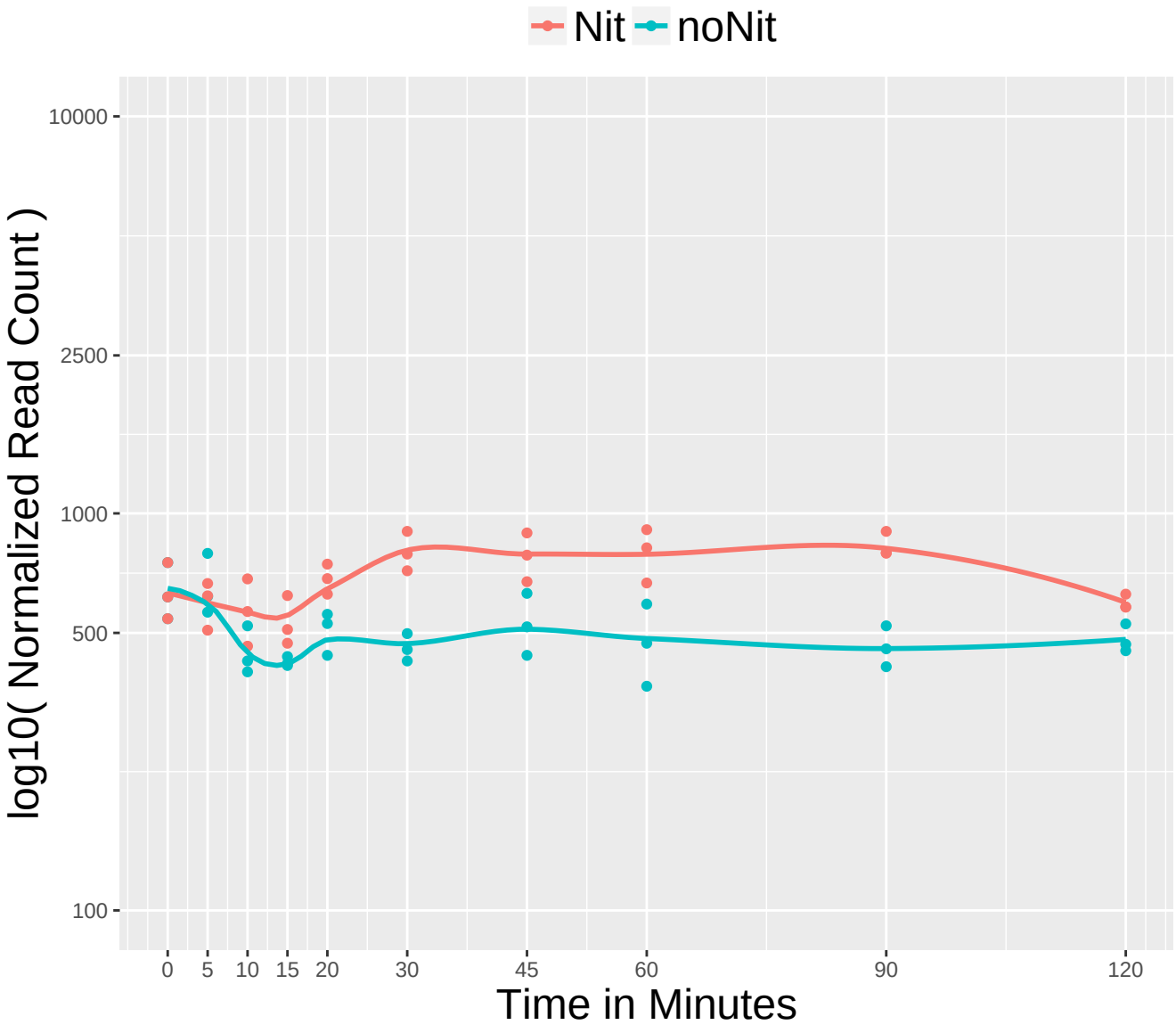
SPA4,SPA1−related



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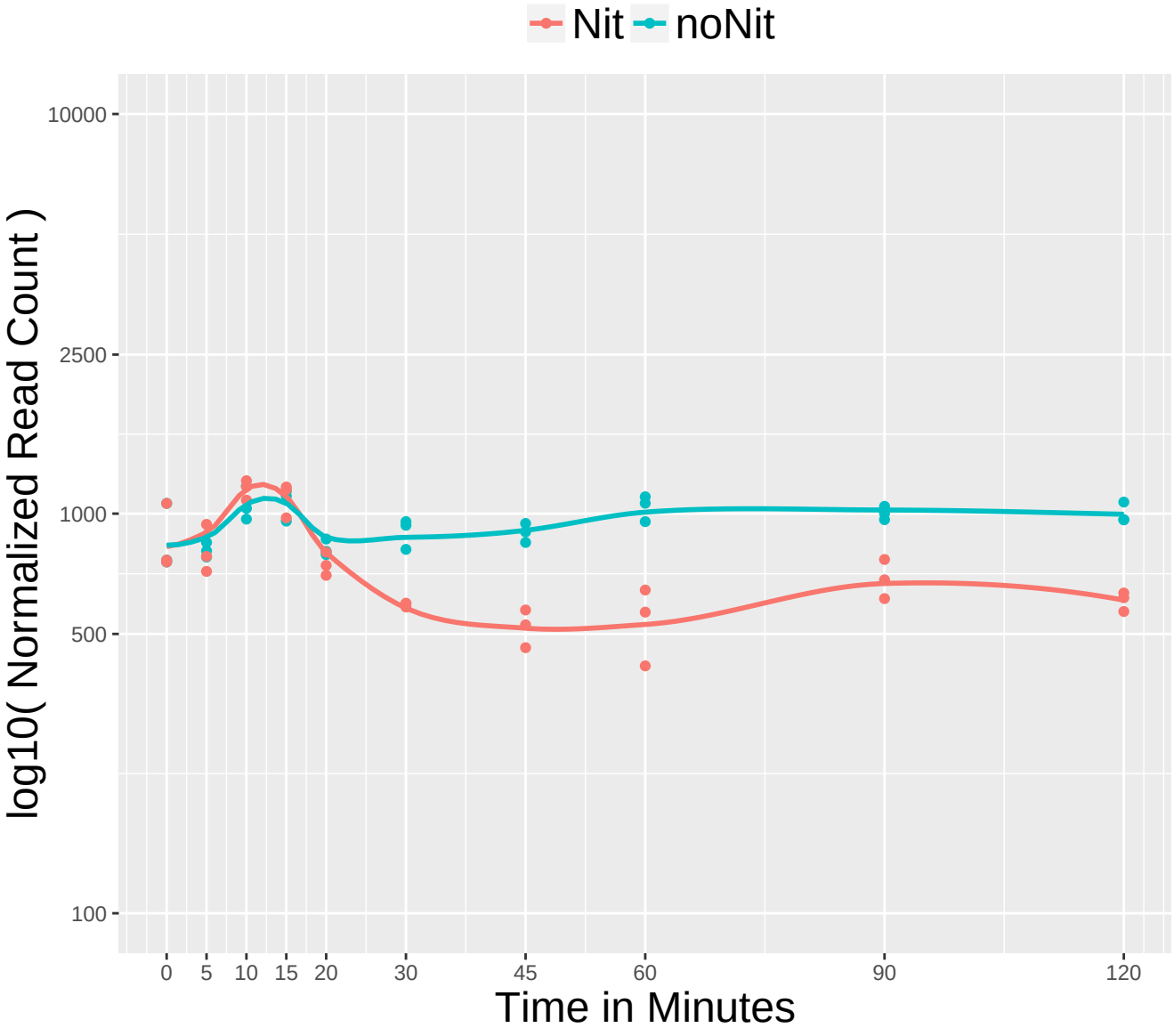

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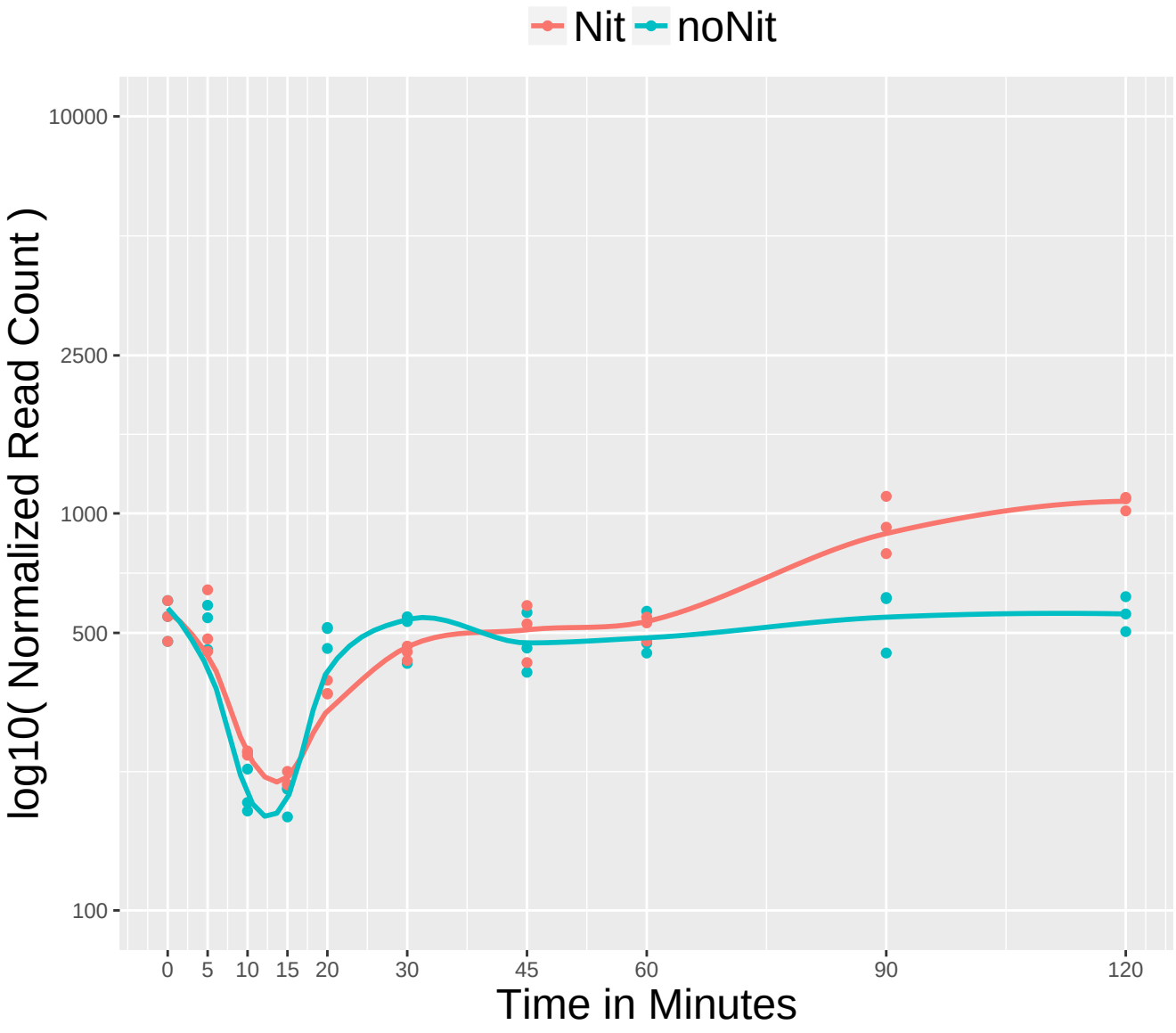

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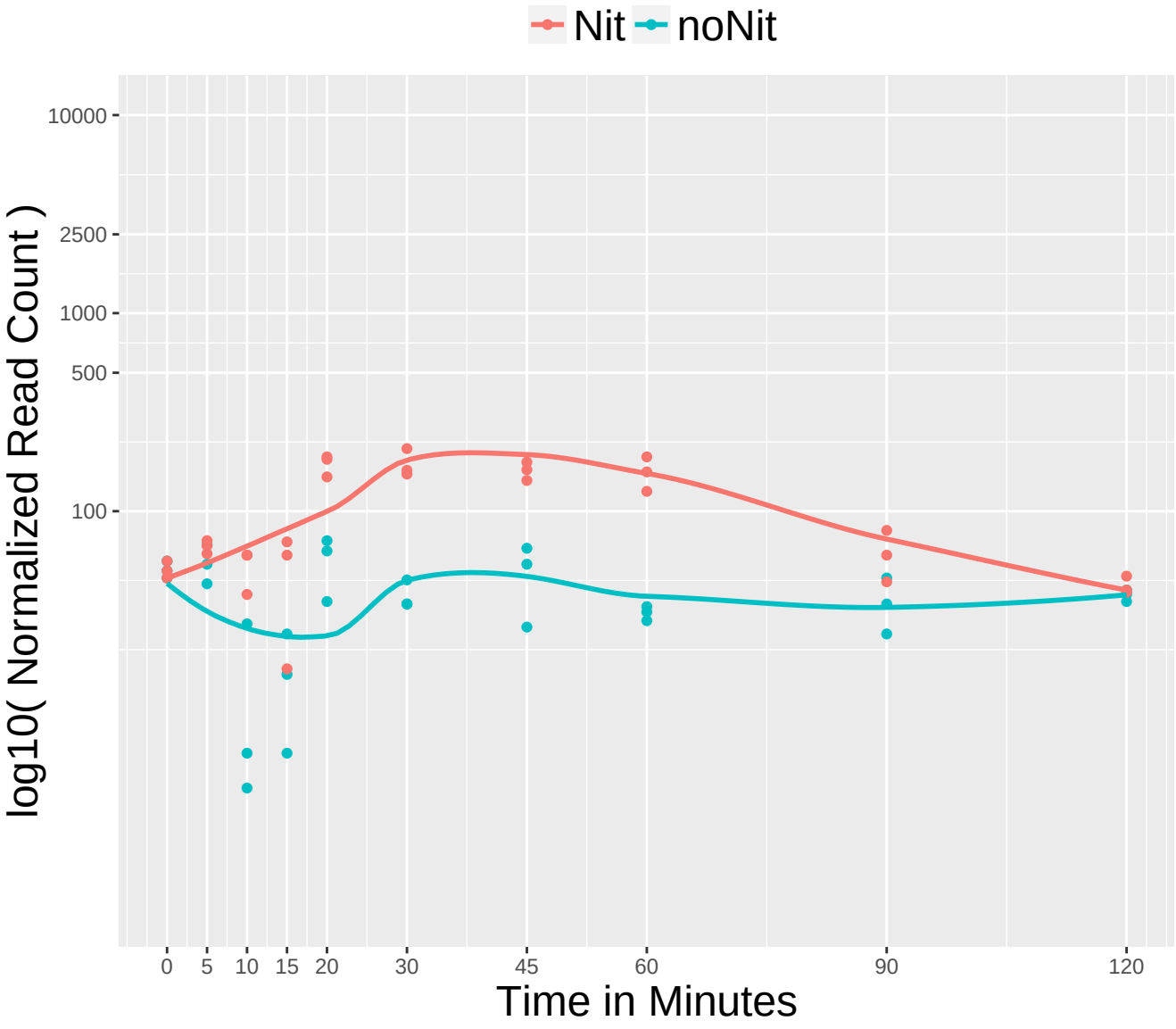

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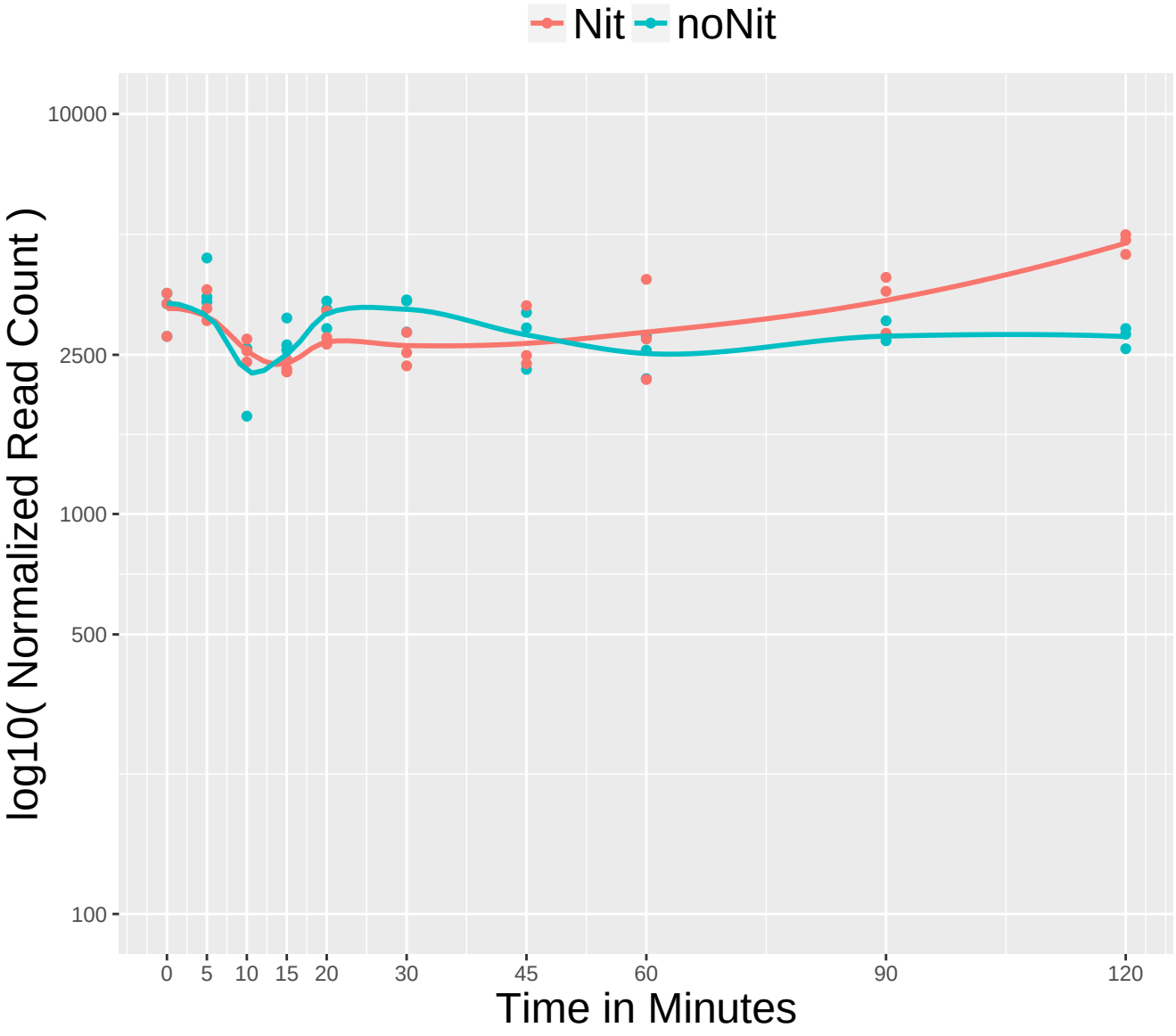

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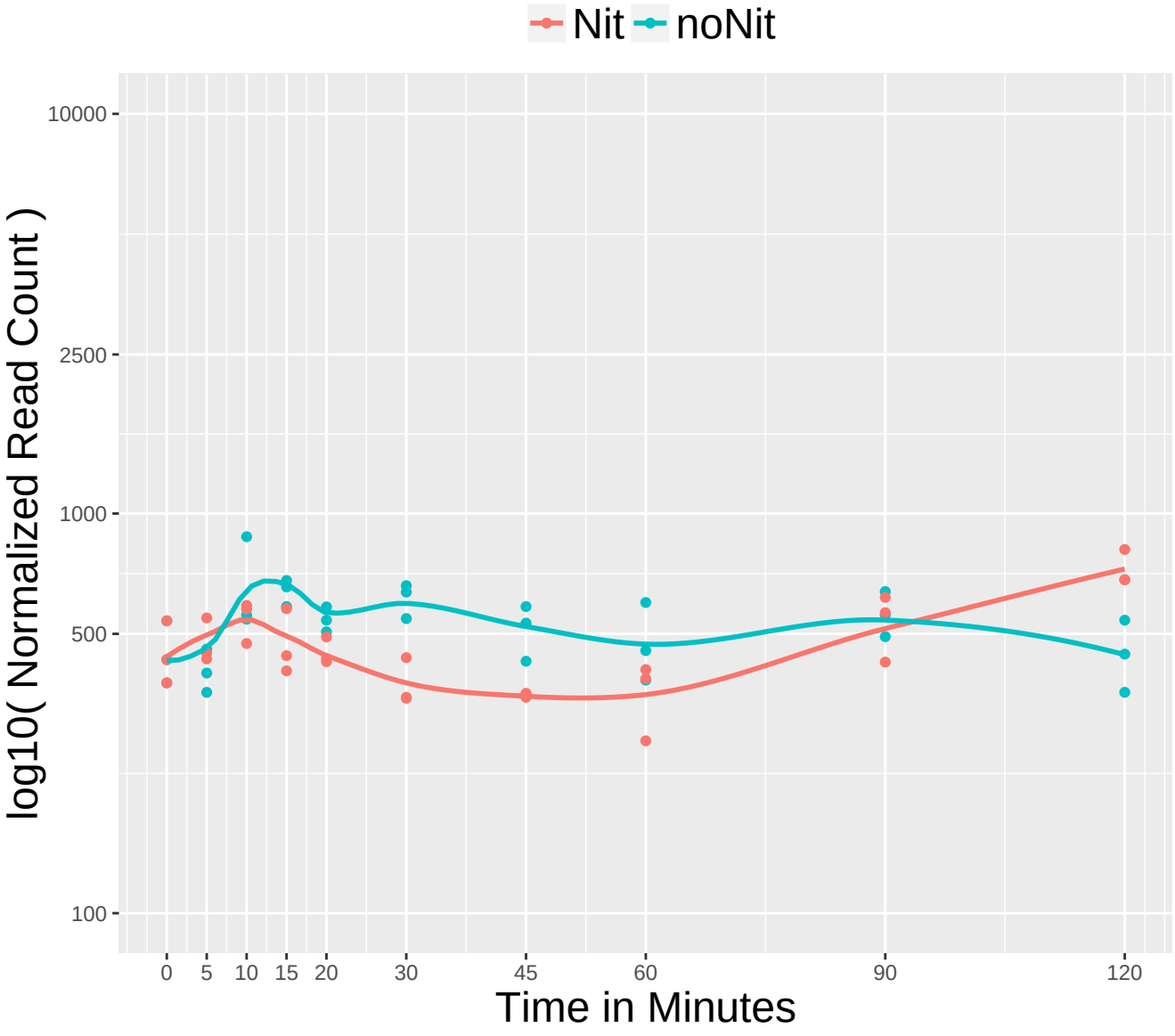
Protein



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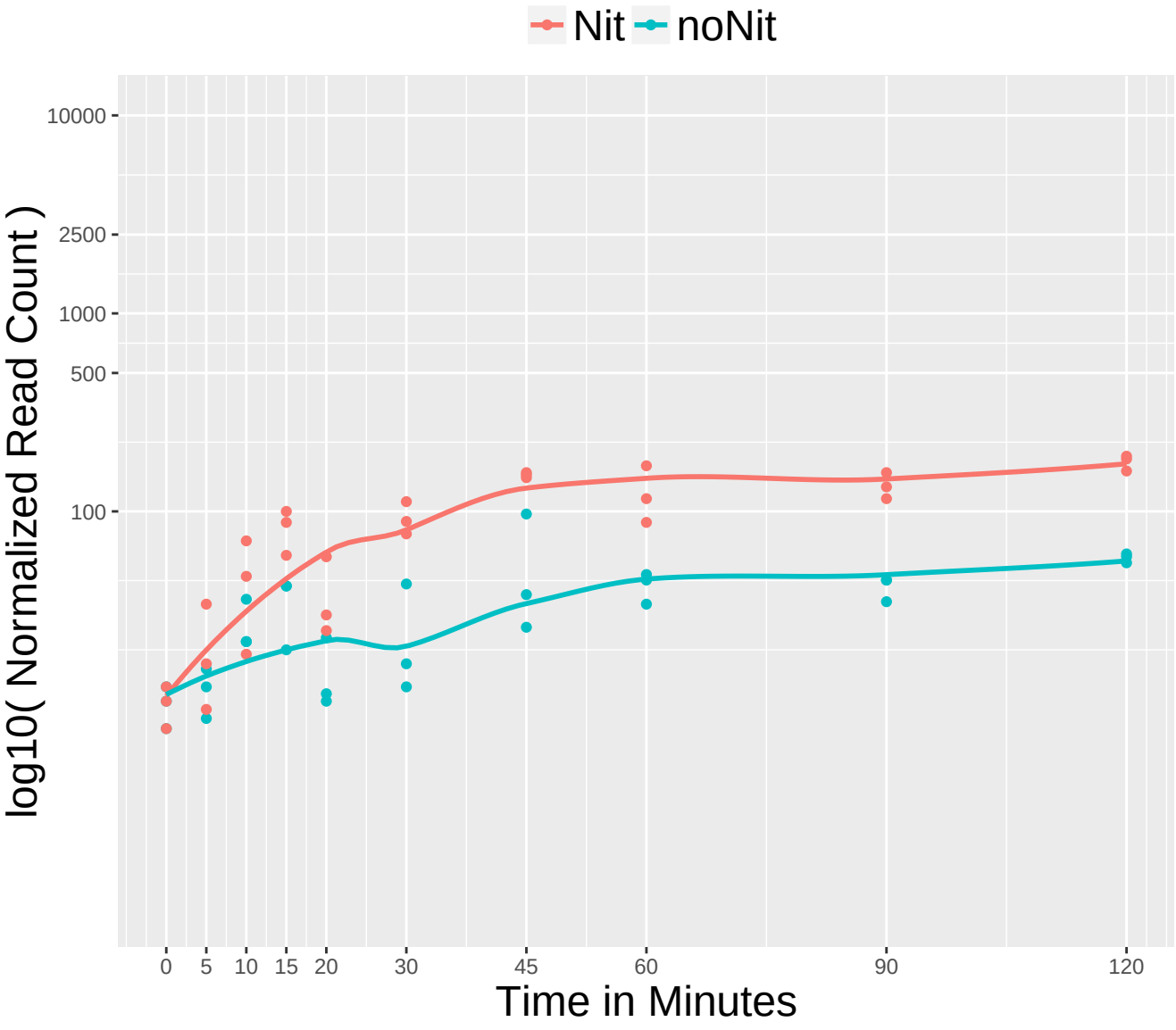

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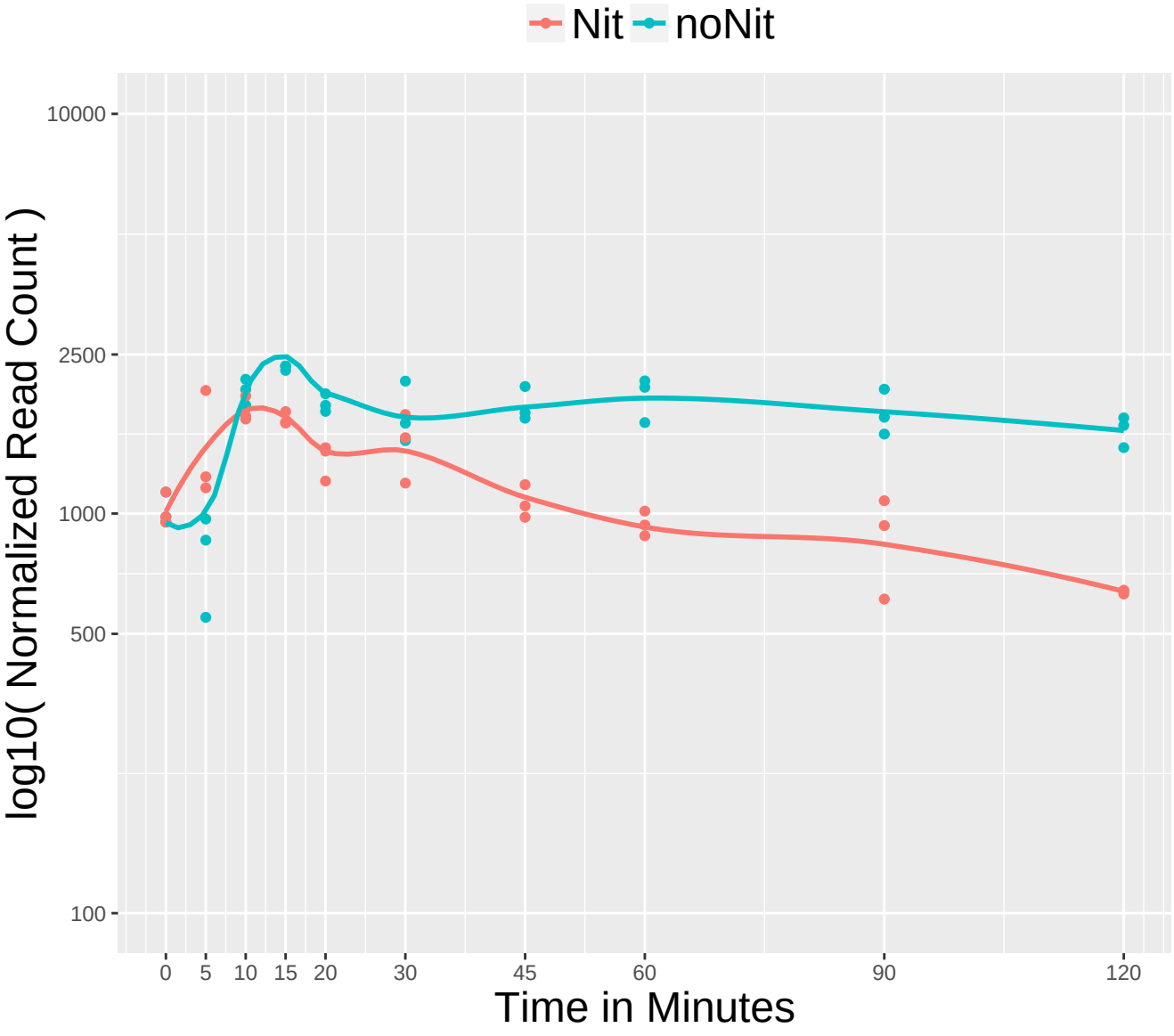

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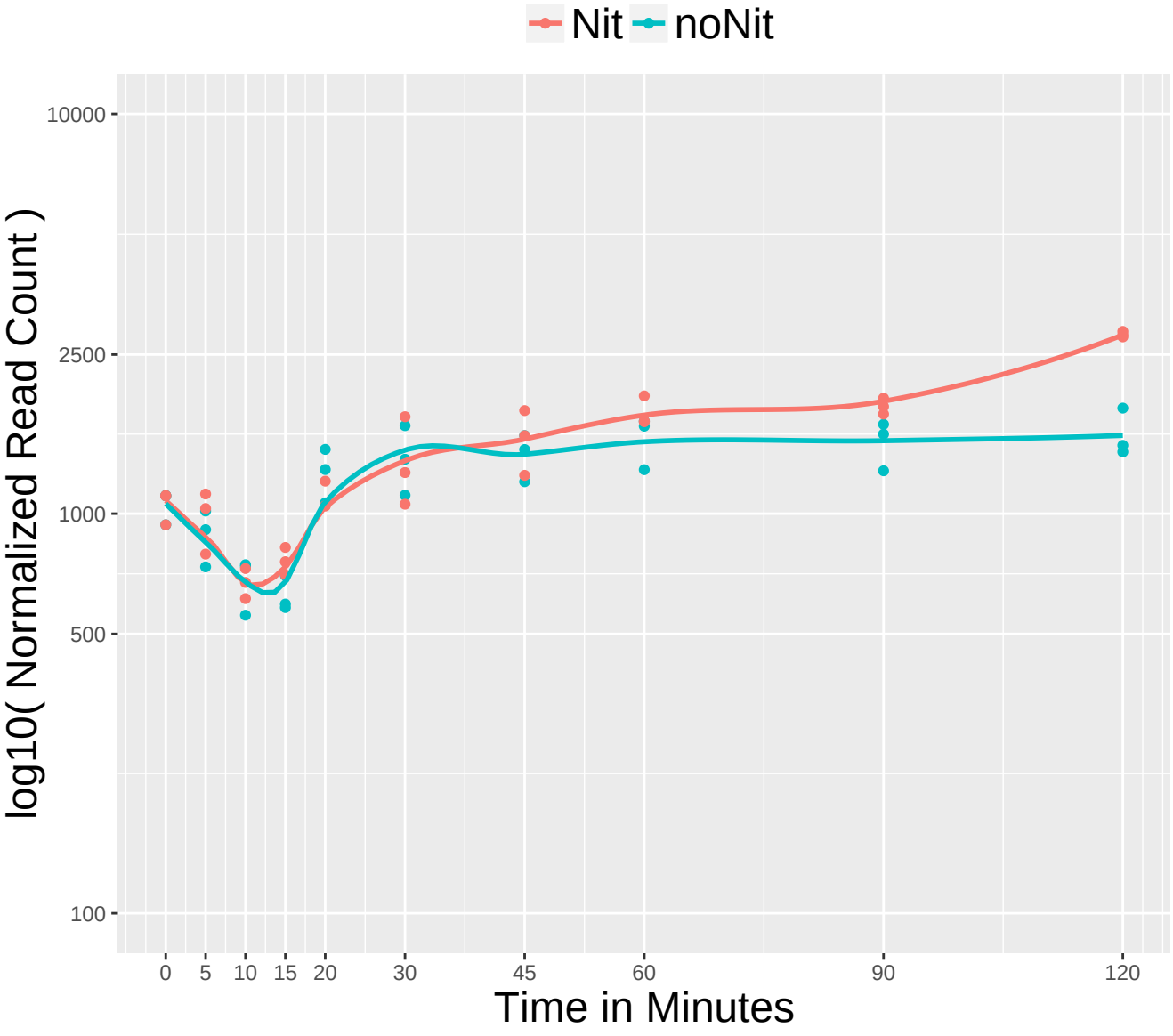
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AT3G62930

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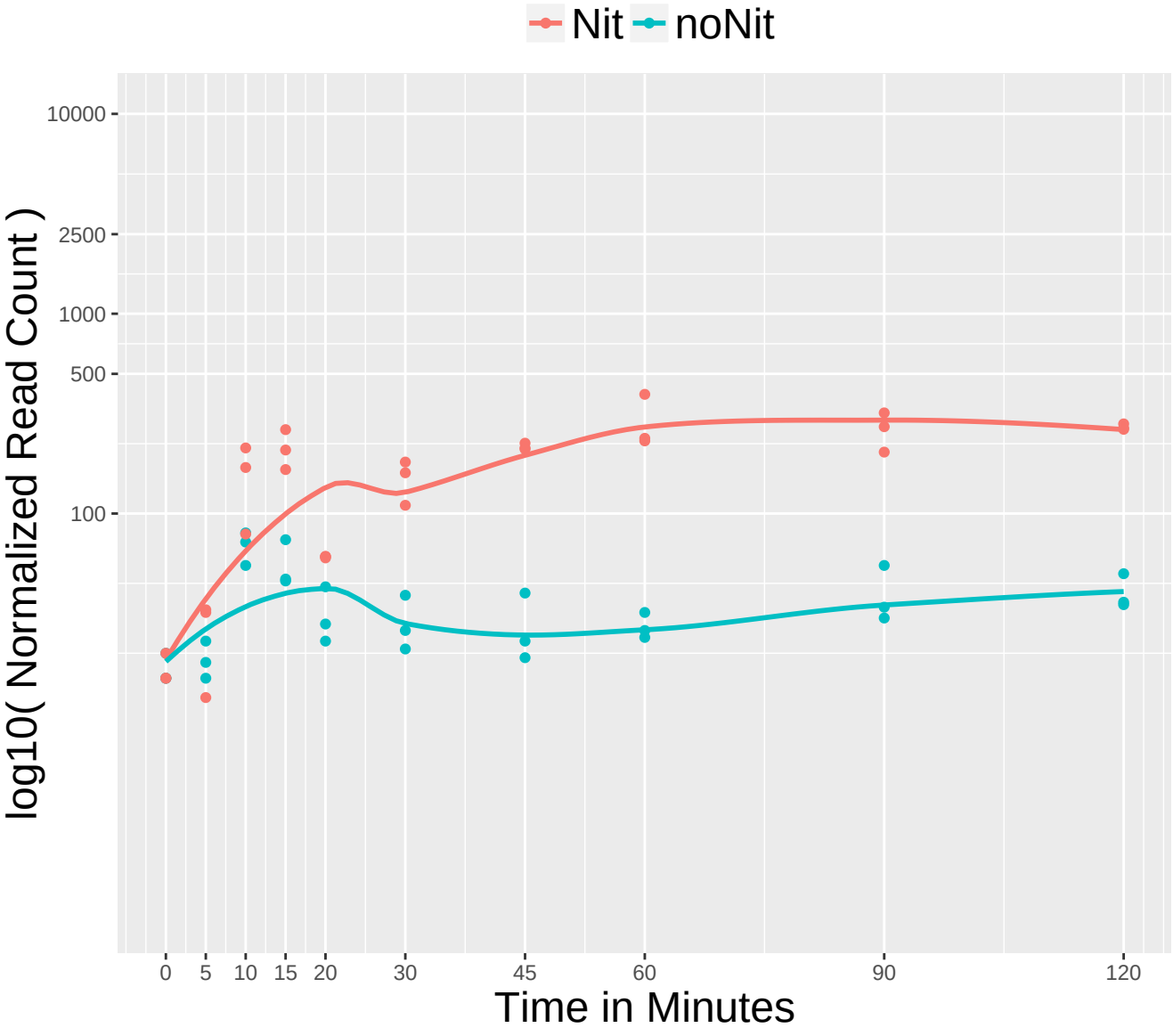

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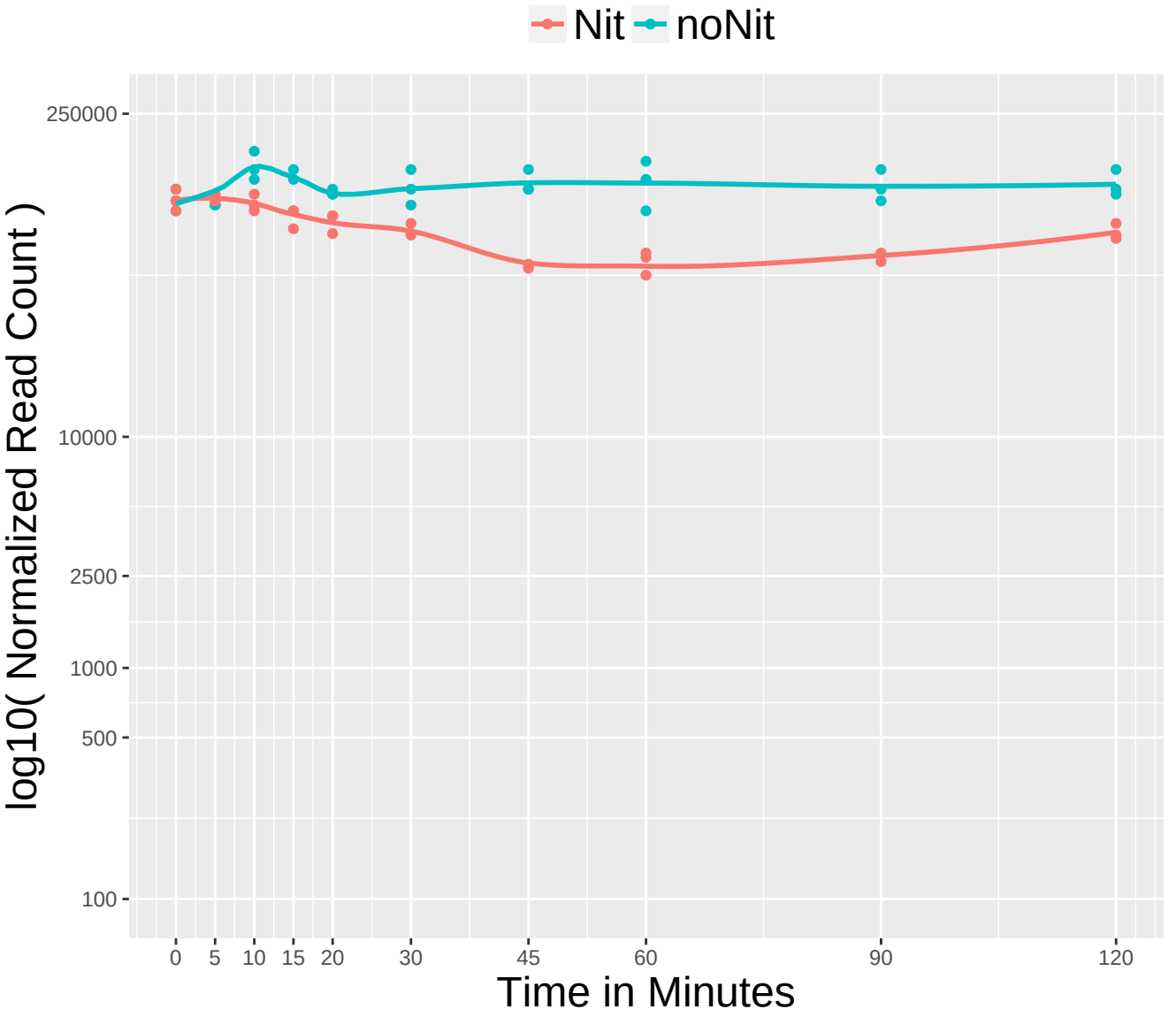
UBI10,ubiquitin



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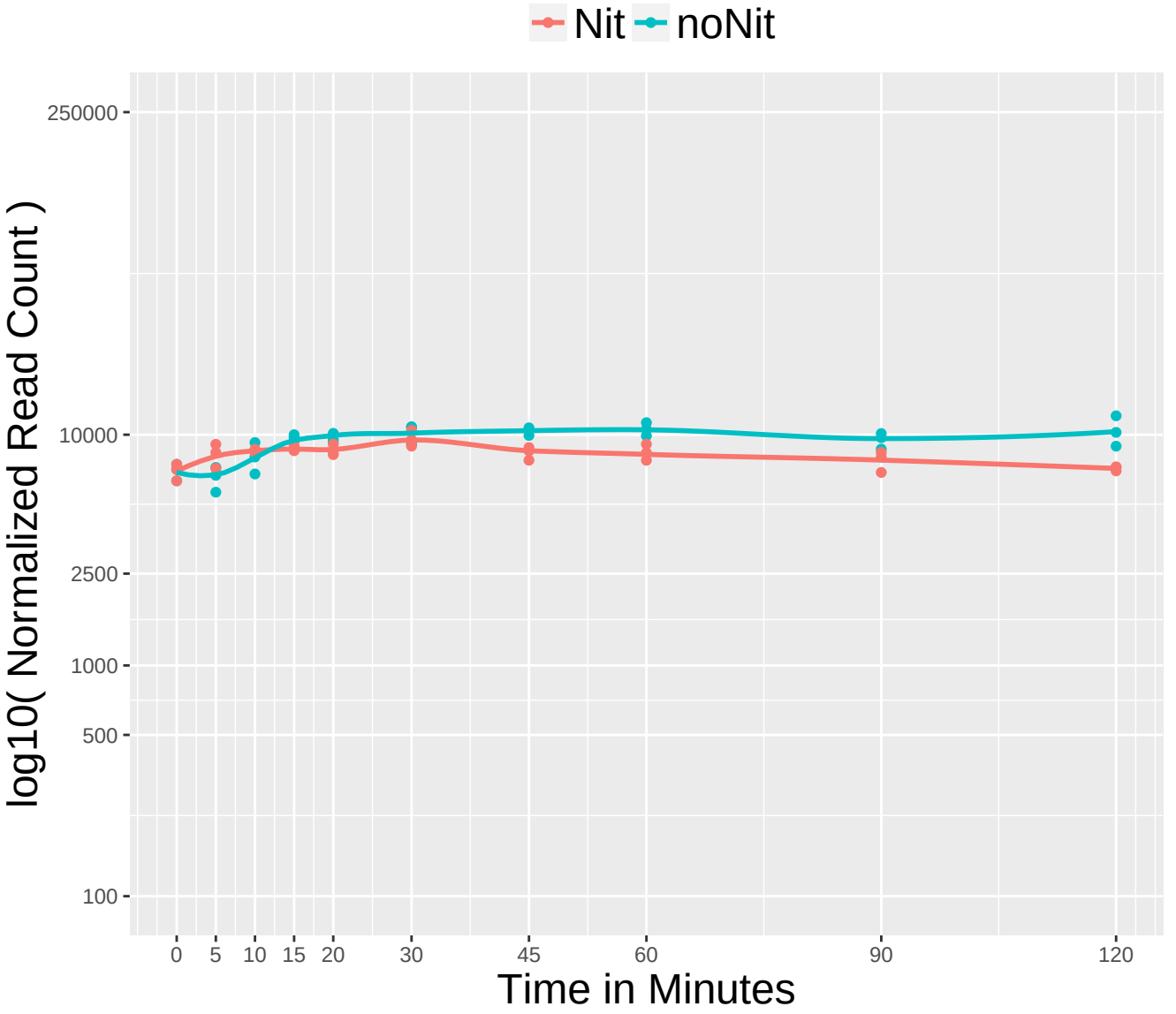
ATCYS−3A,,CYTACS1,,OASA1,O−acetylserine



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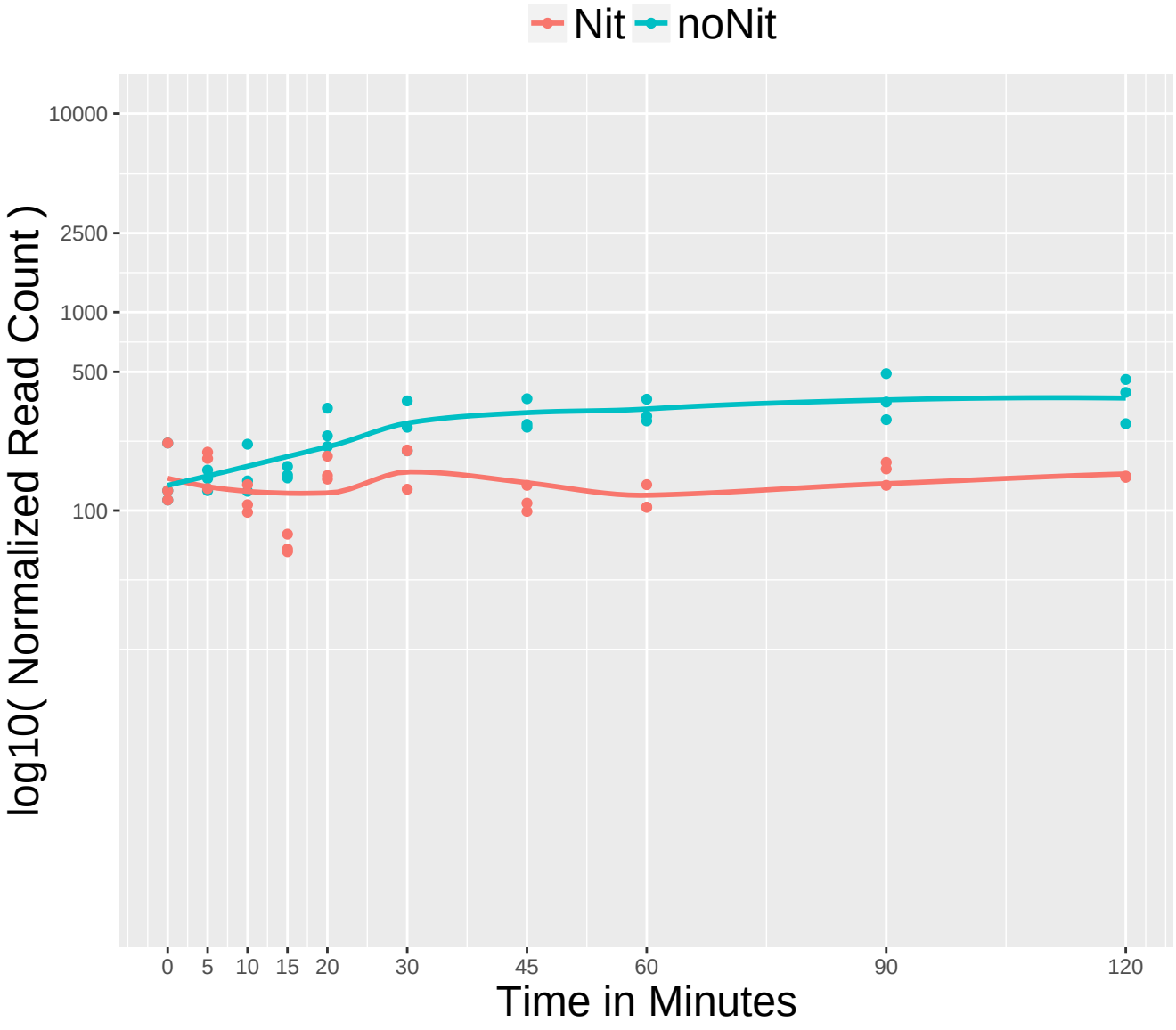
ATRTL1,RNAse



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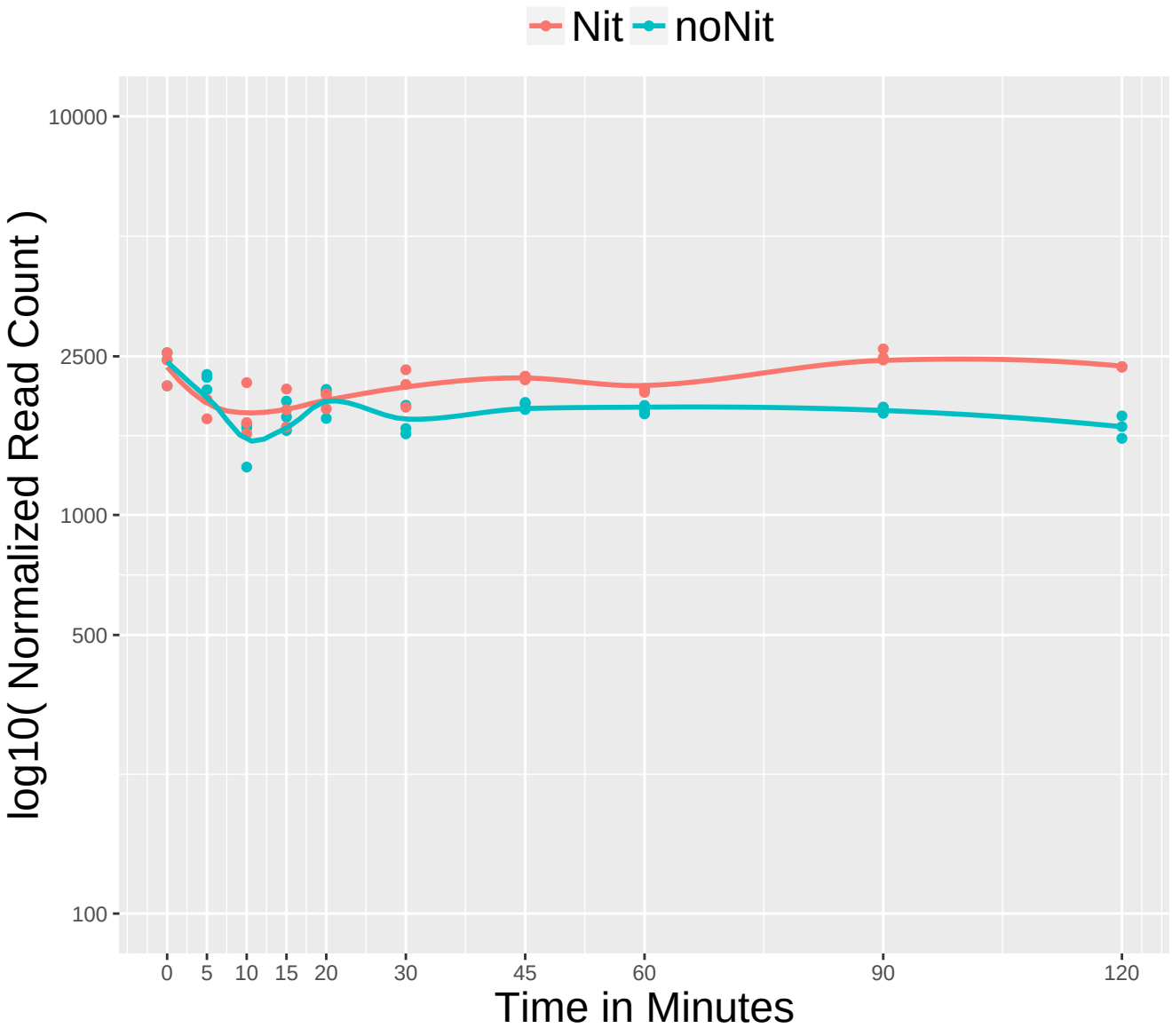

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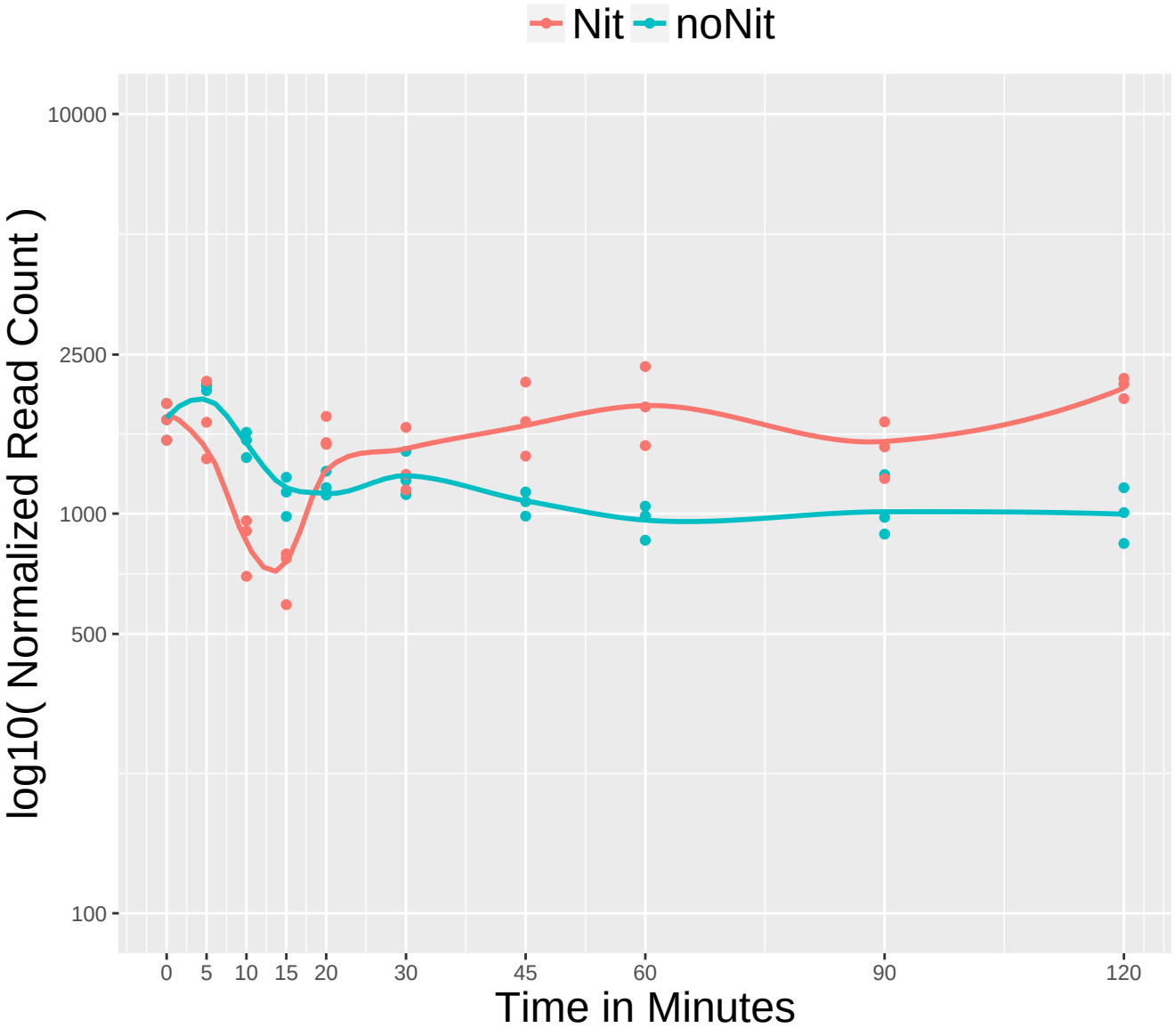

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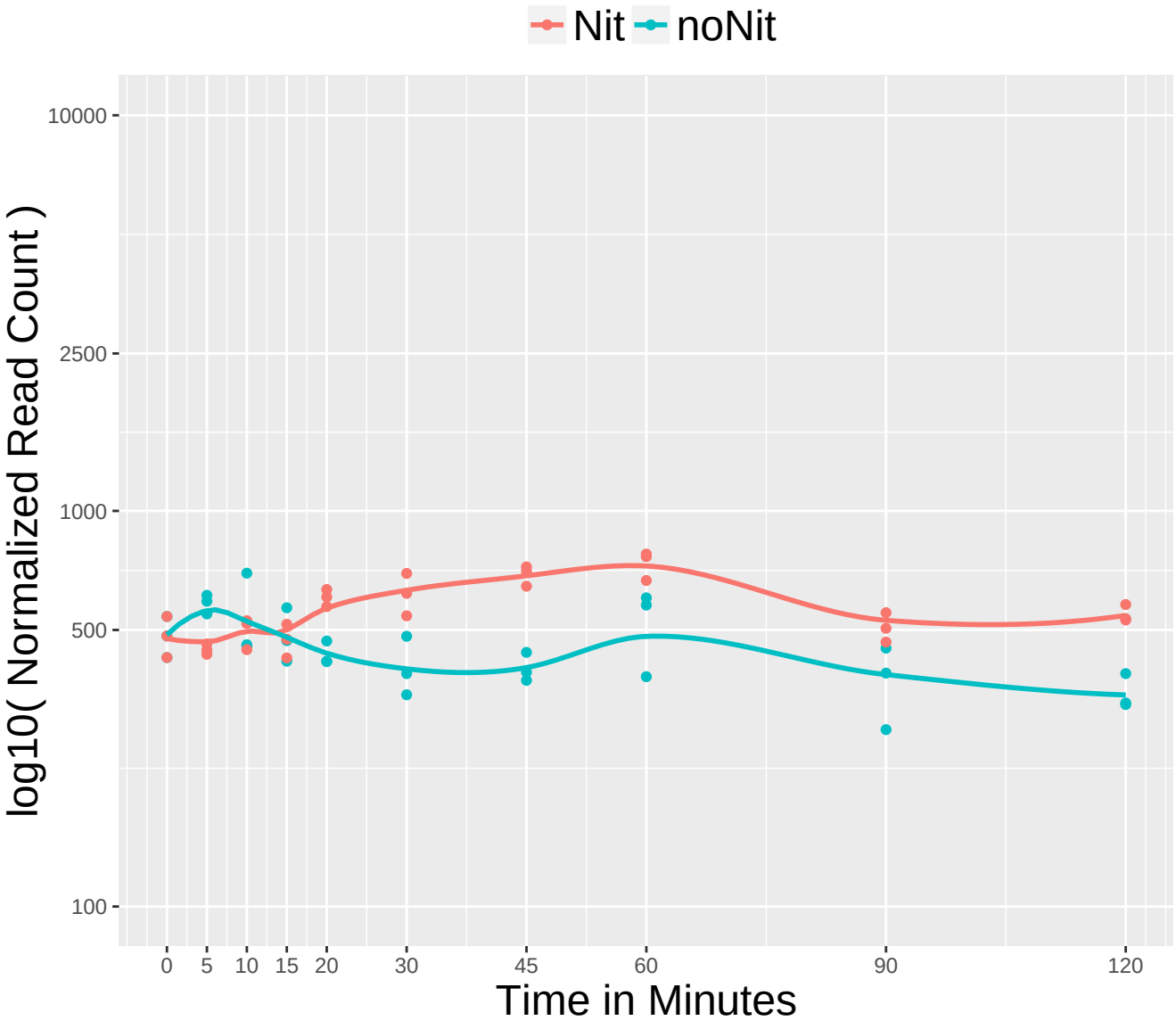
Beta−galactosidase



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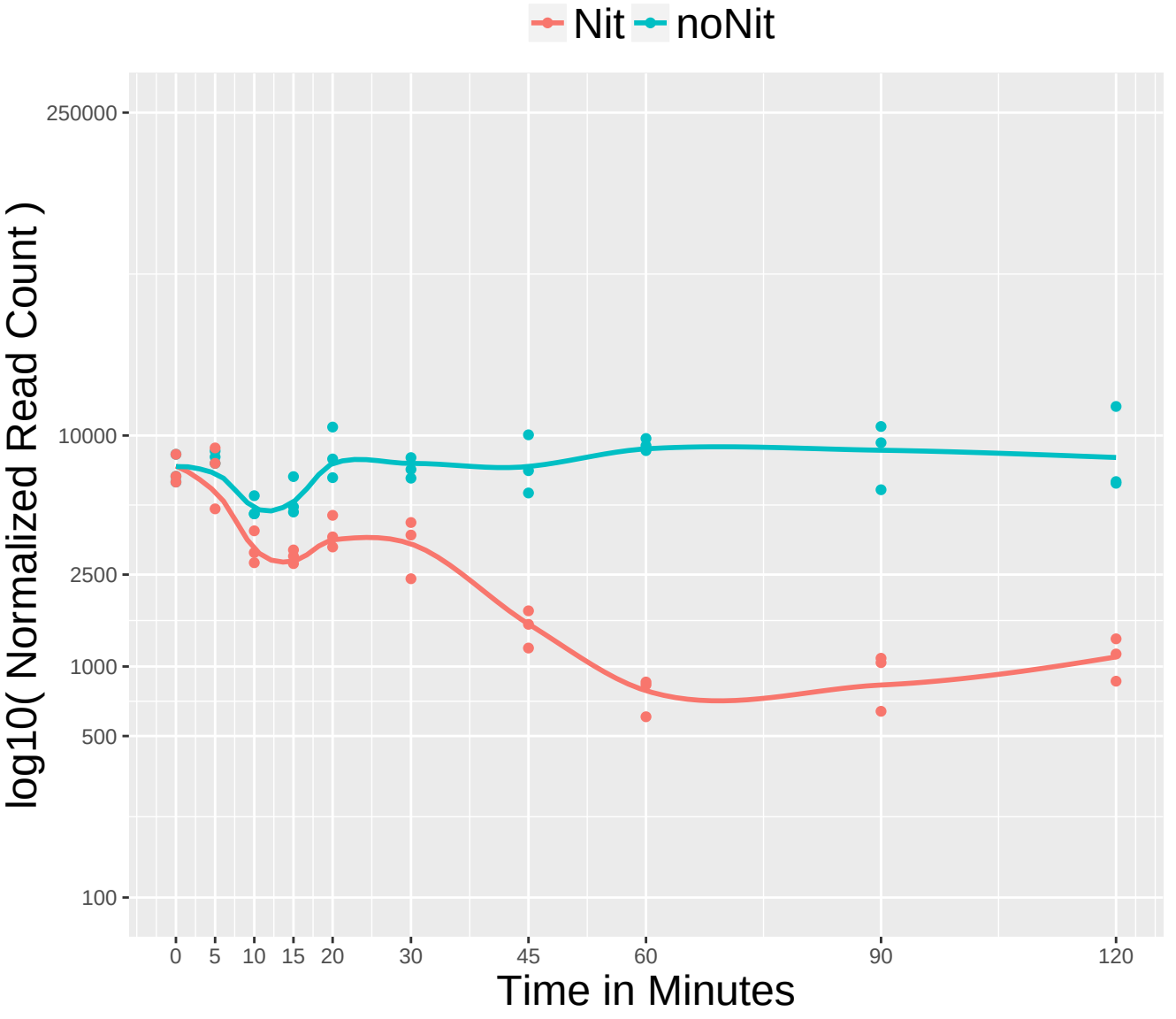
CBP60G,Cam−binding



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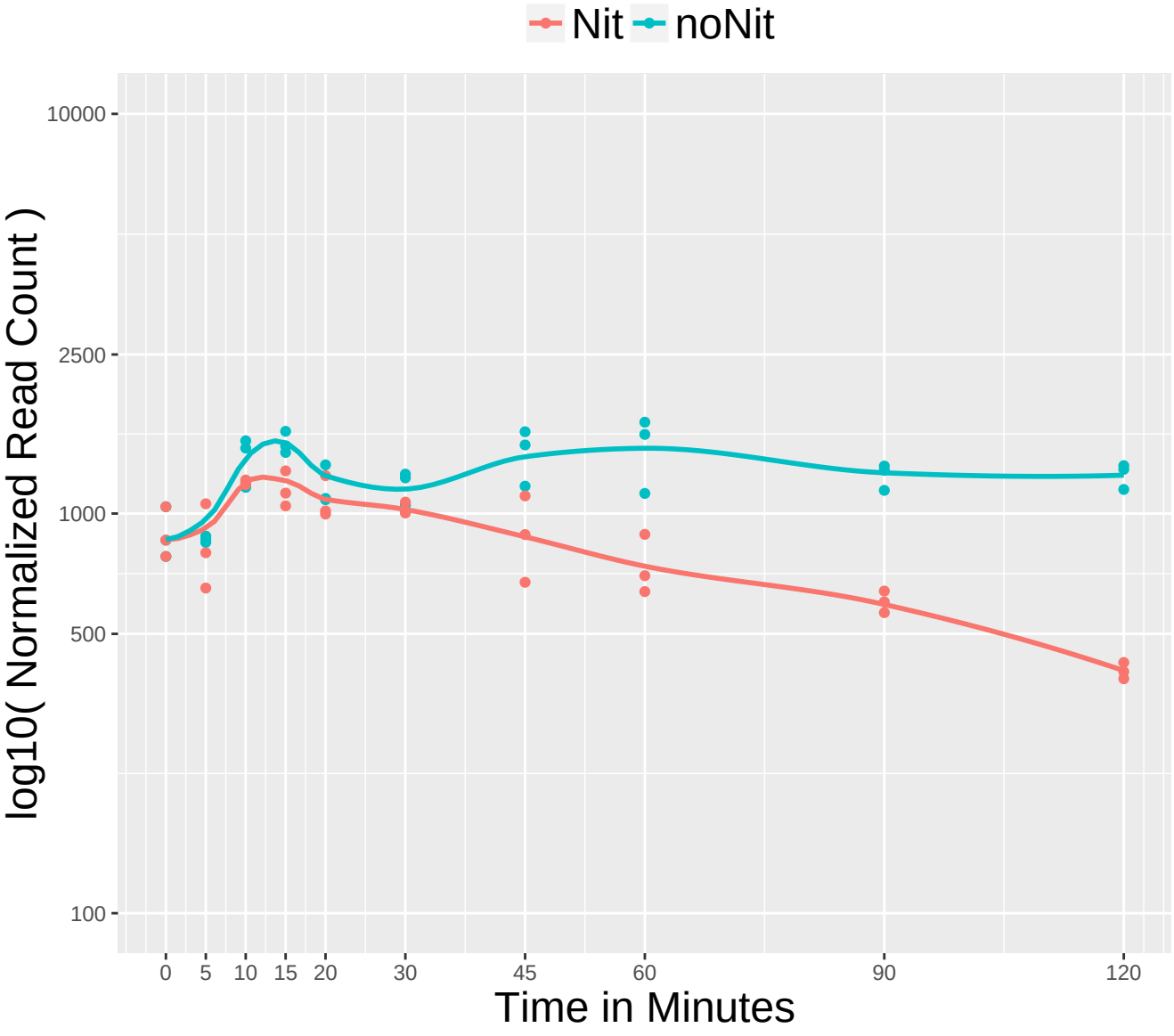
Protein



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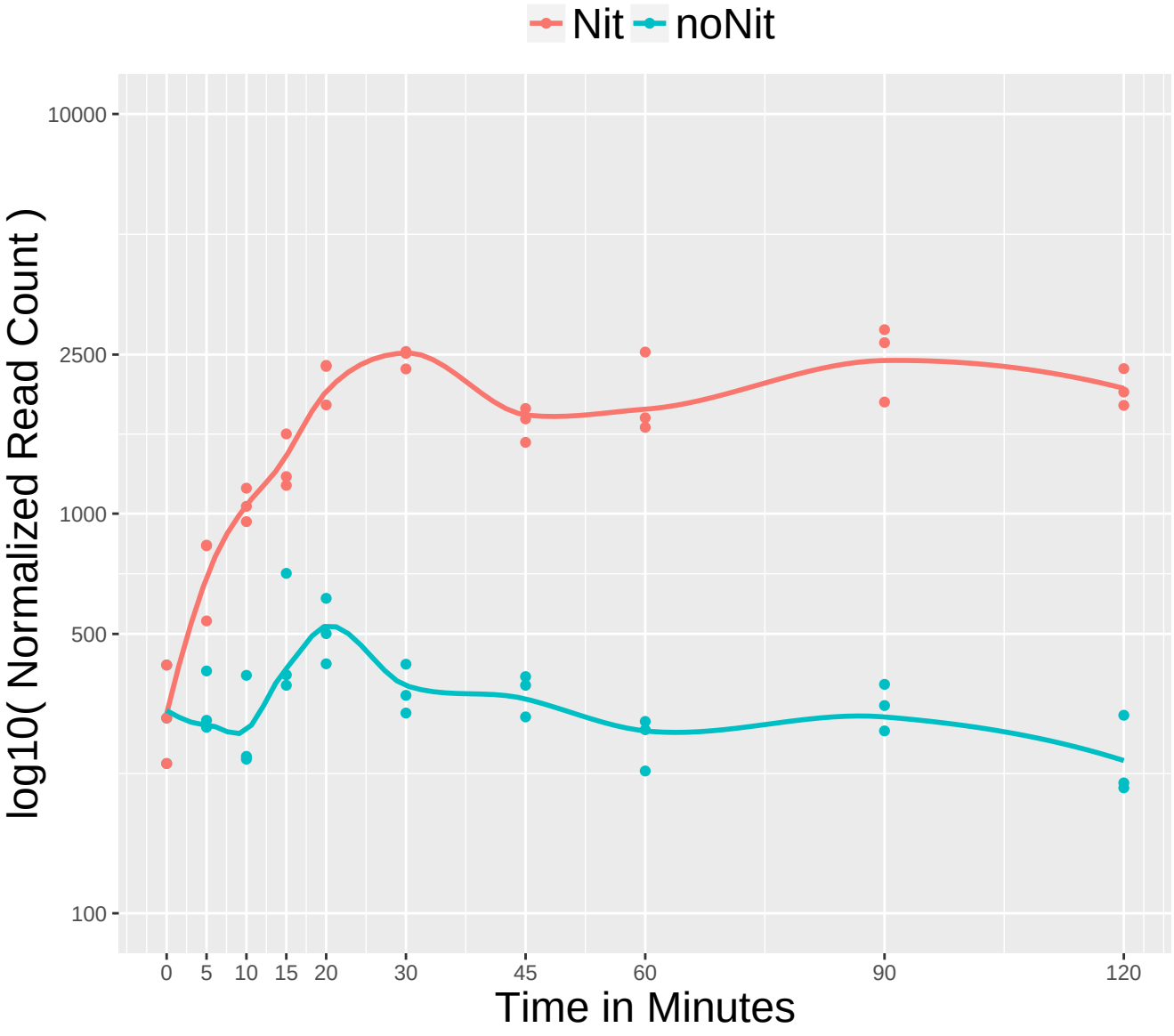
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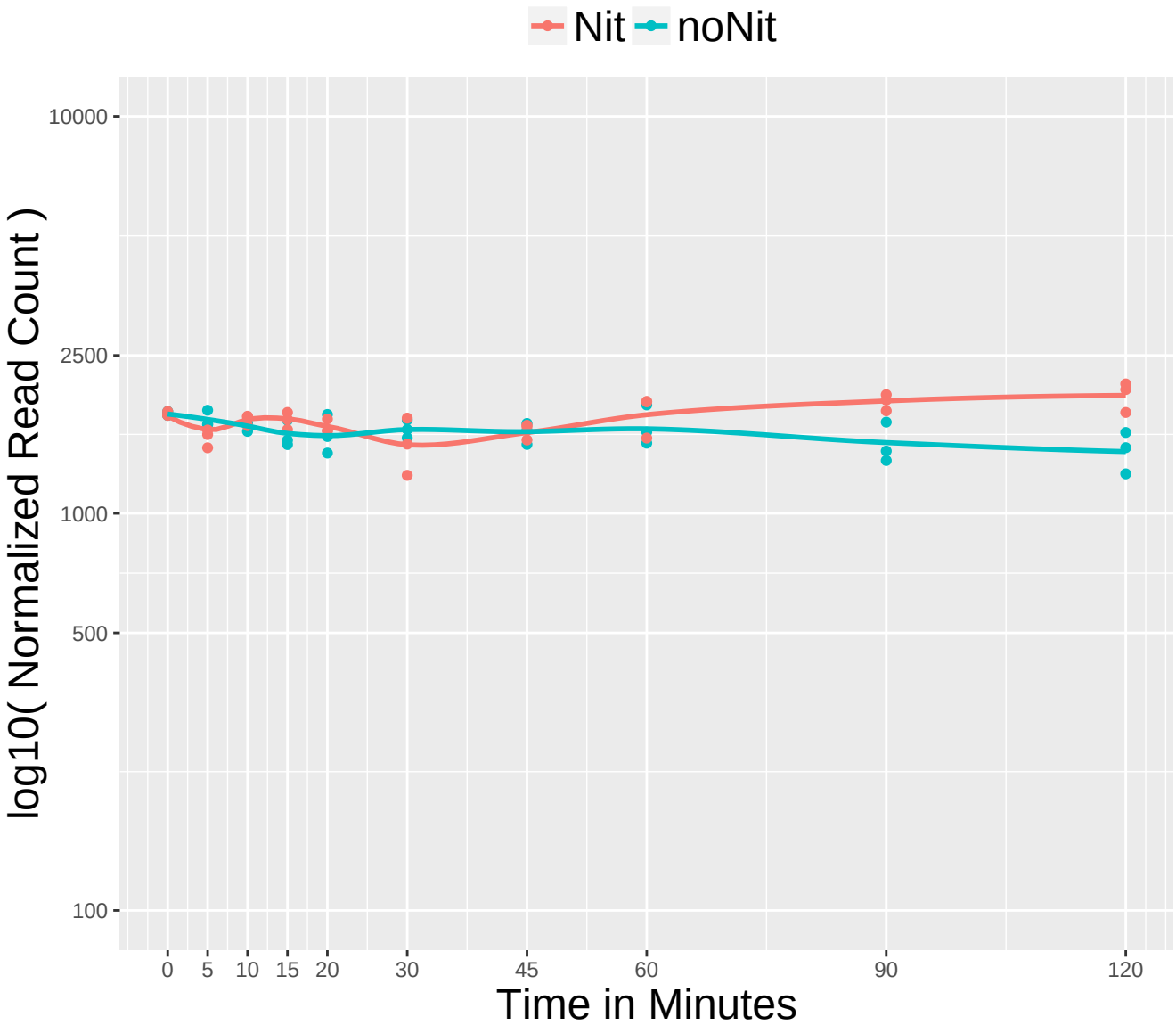

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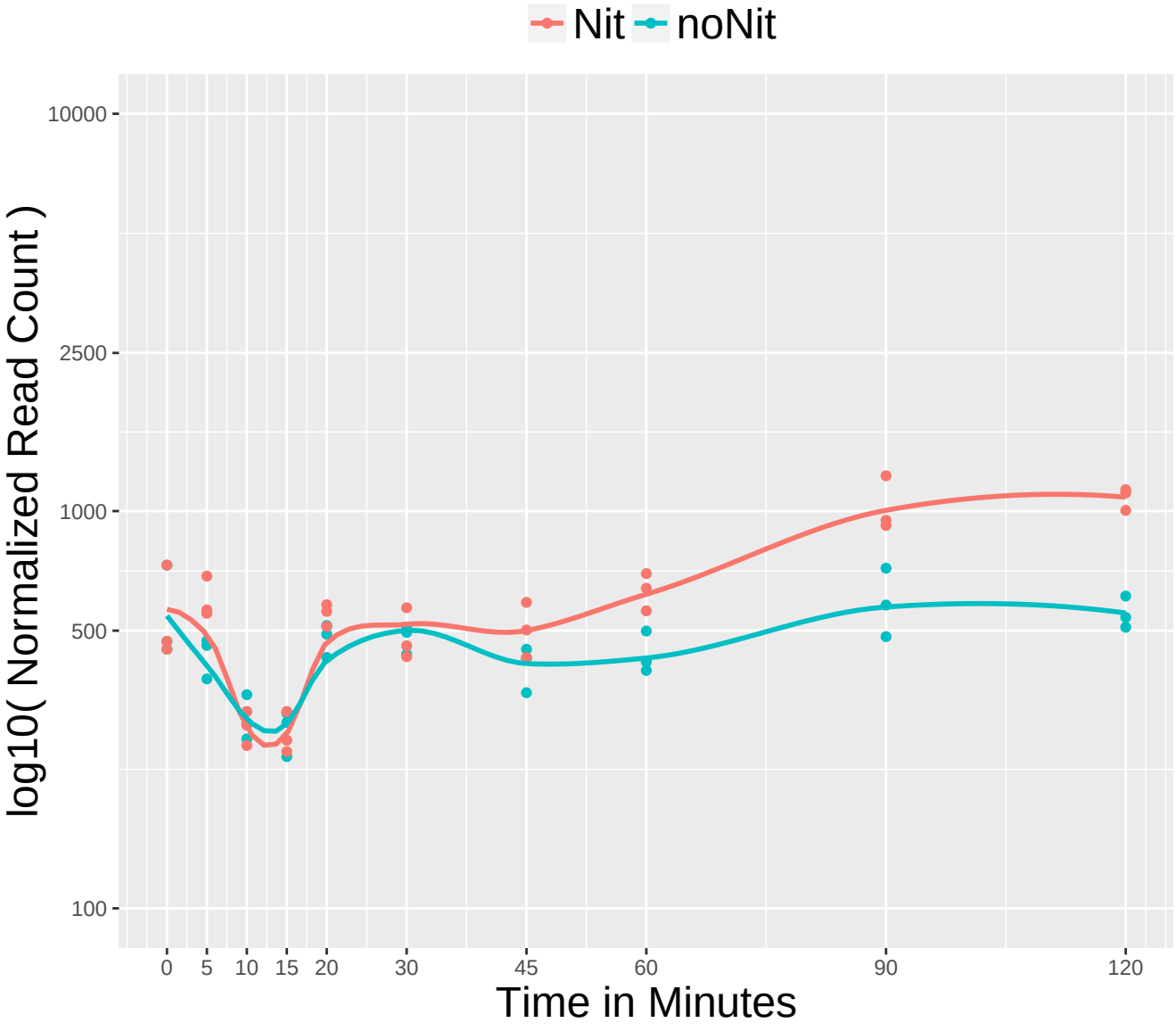
HHO6,Homeodomain−like



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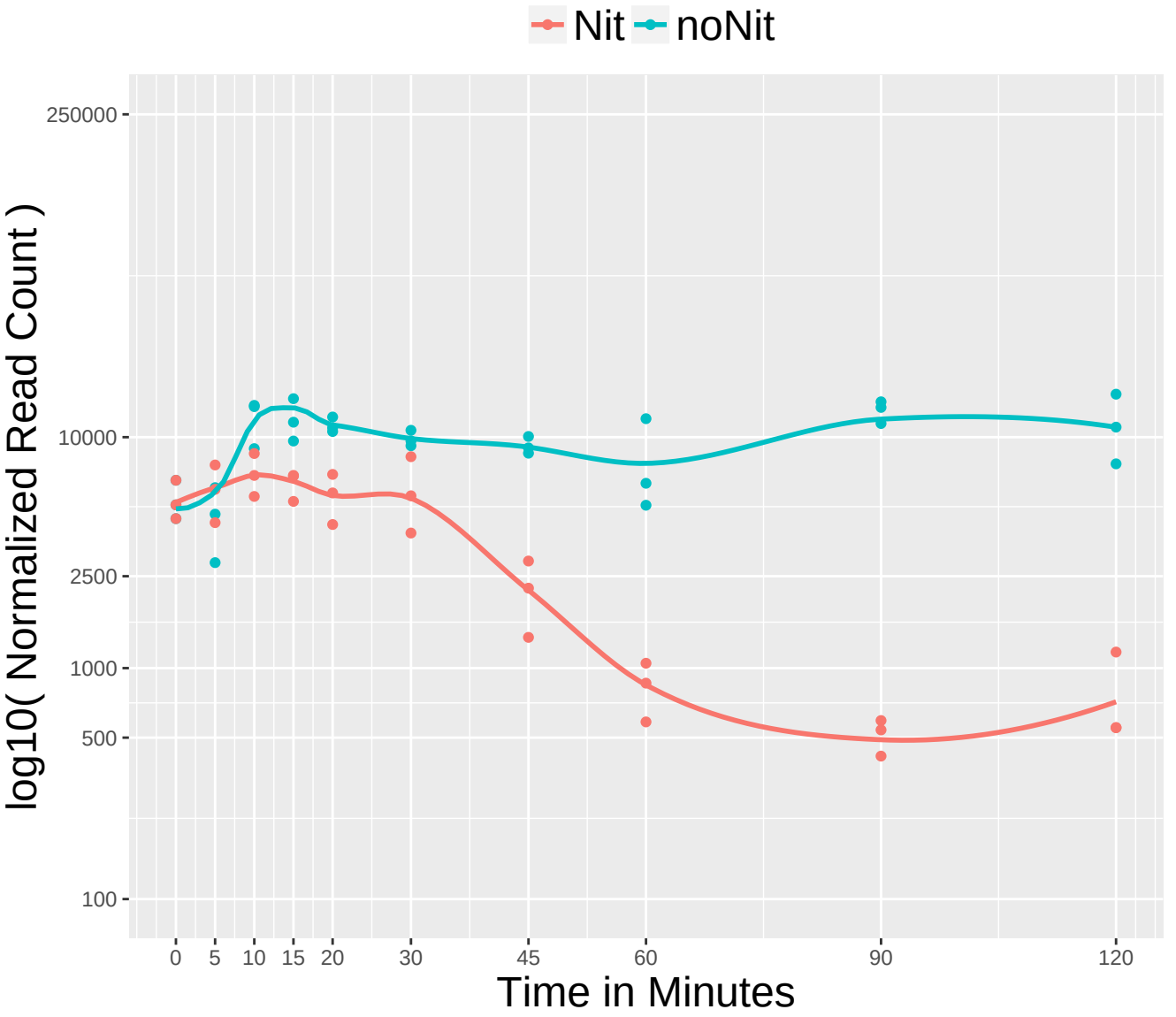
NAD(P)−binding



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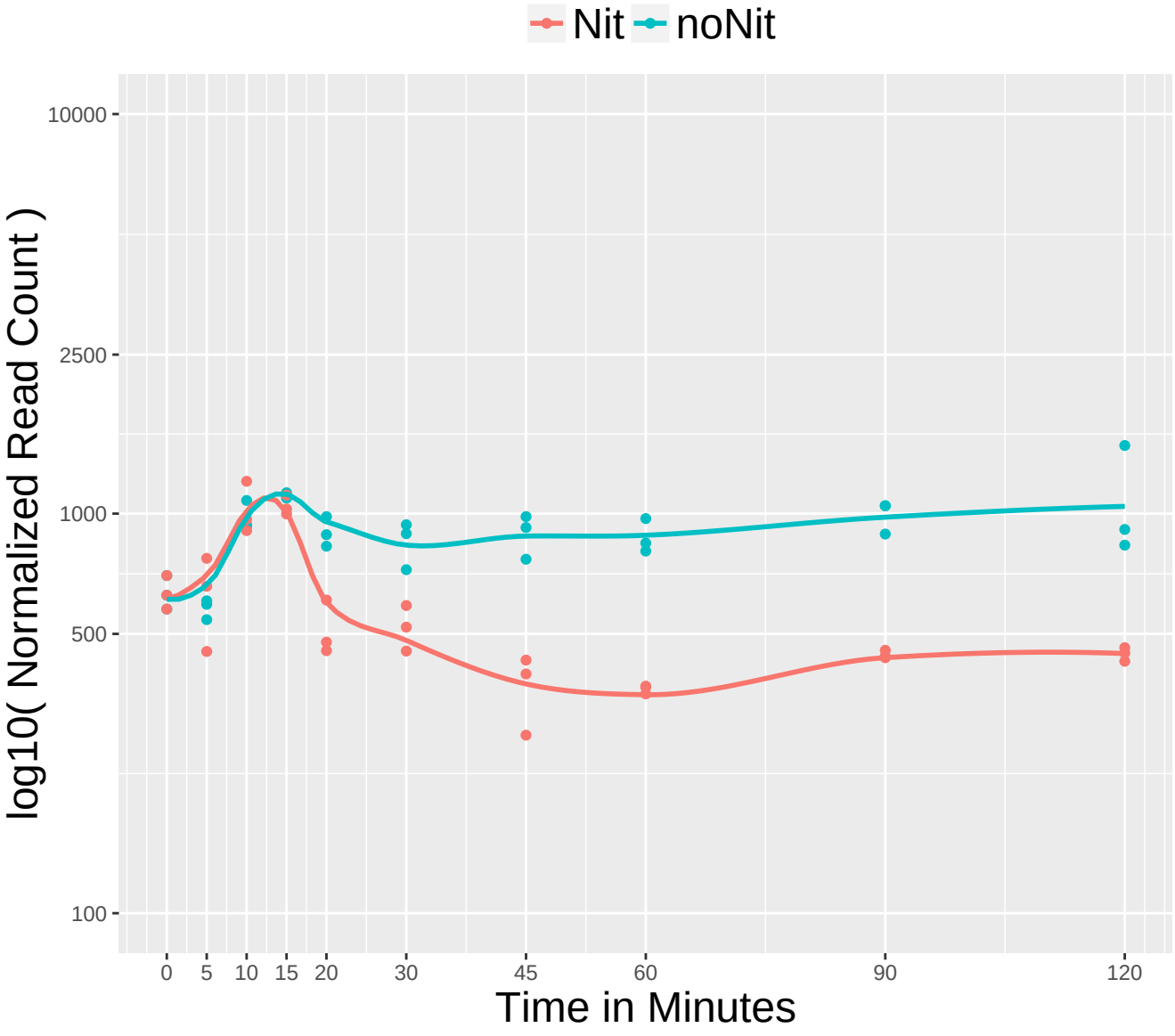
Transducin/WD40



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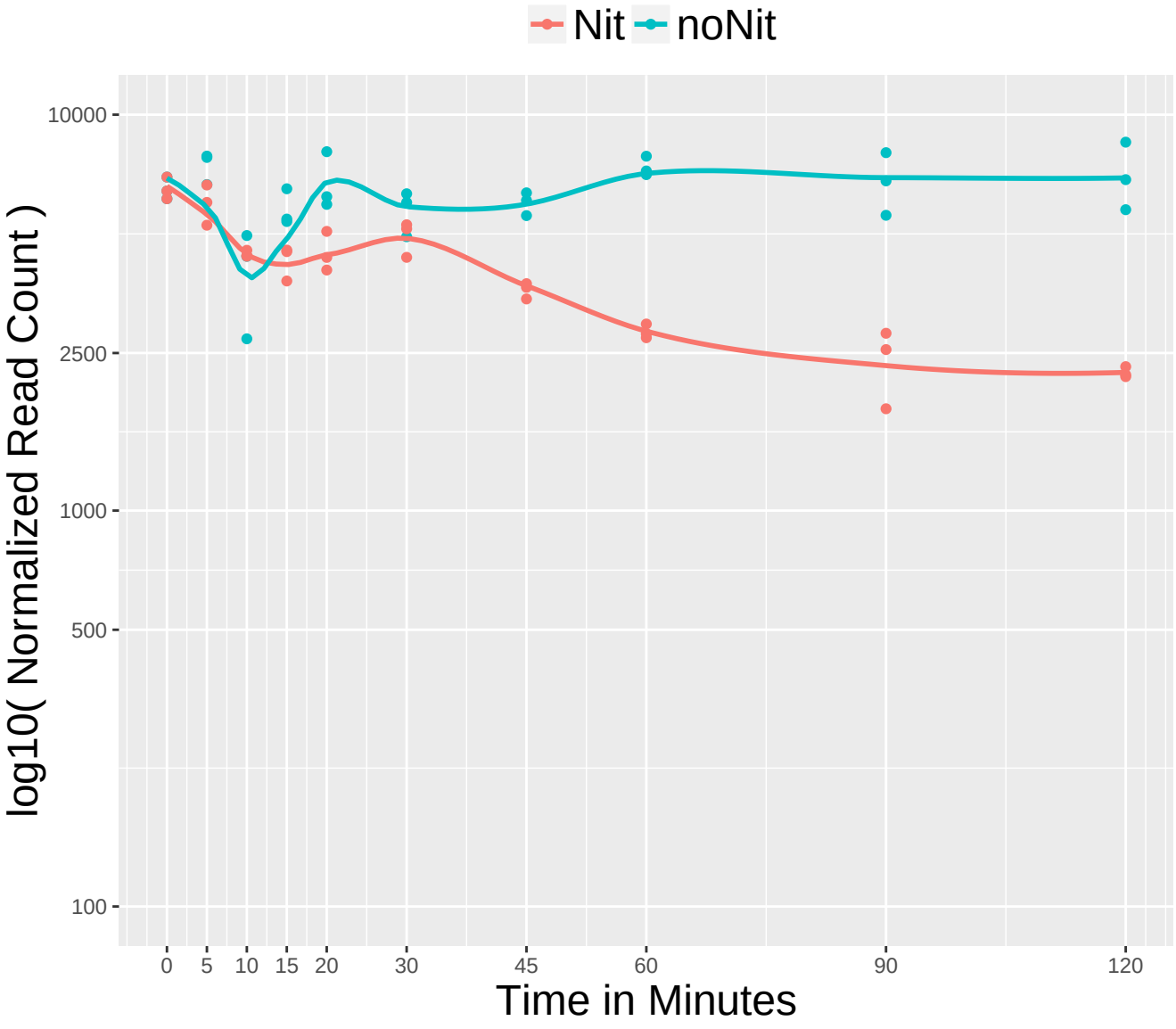
Copine



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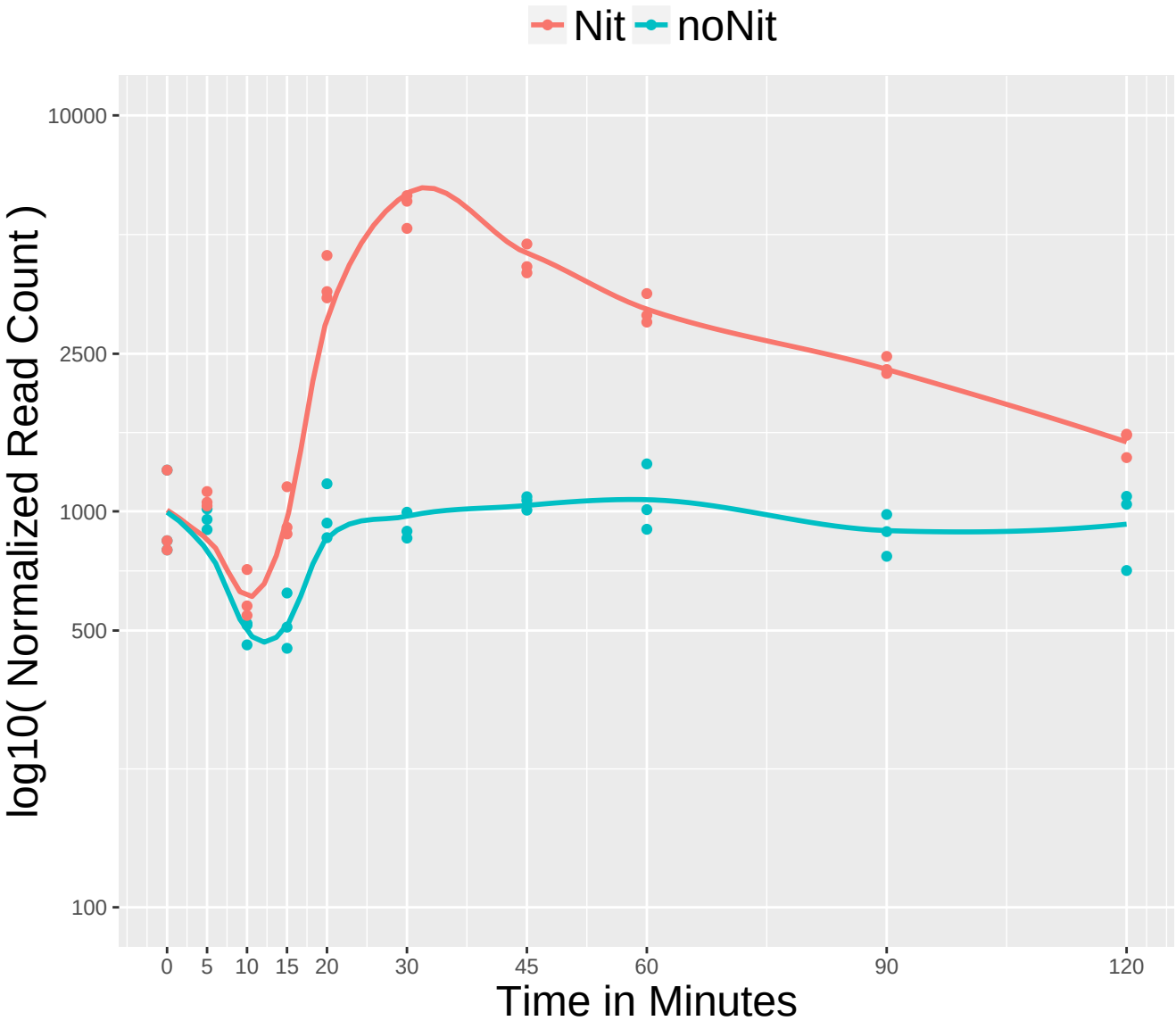
CIPK1,CBL−interacting



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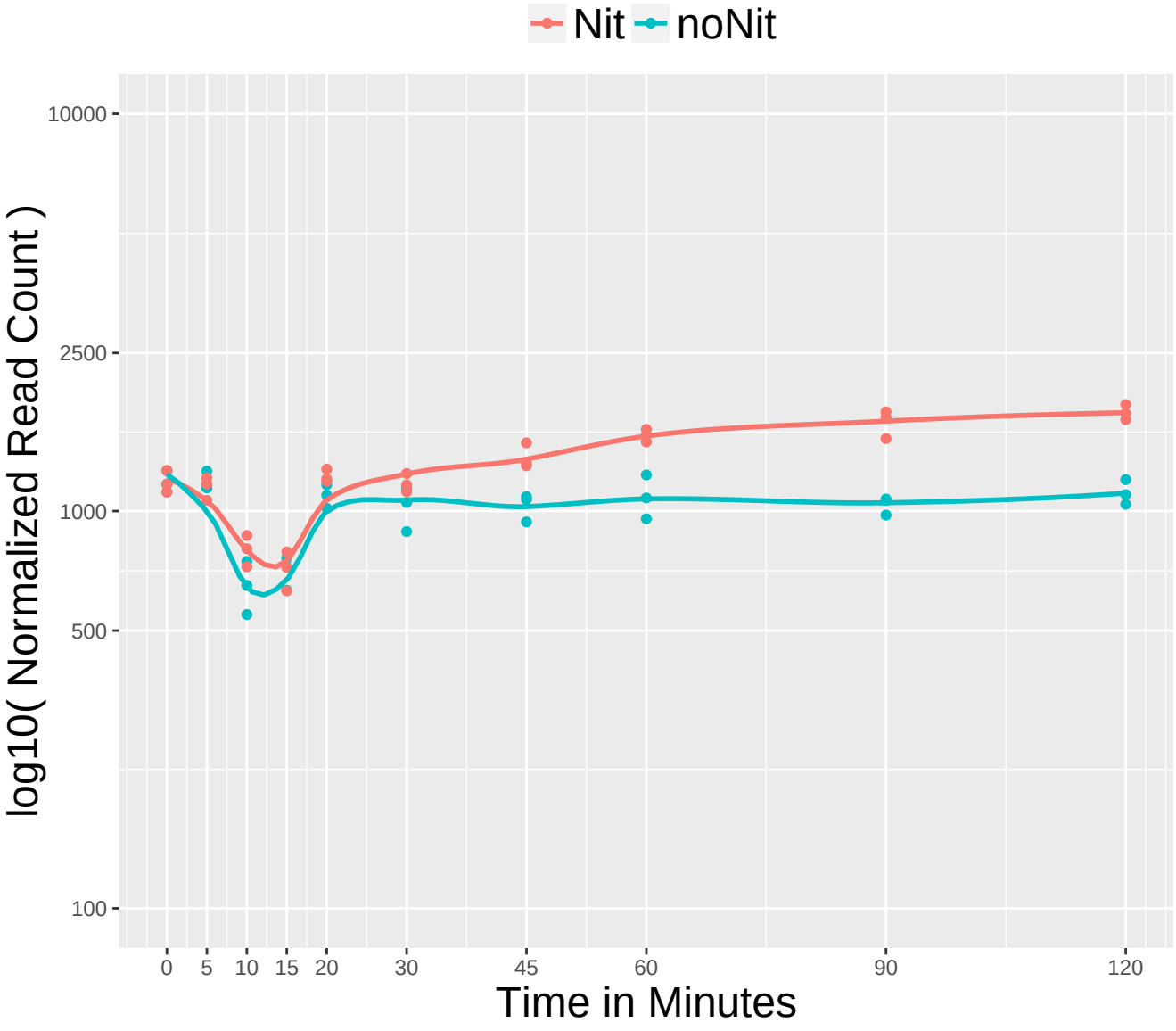
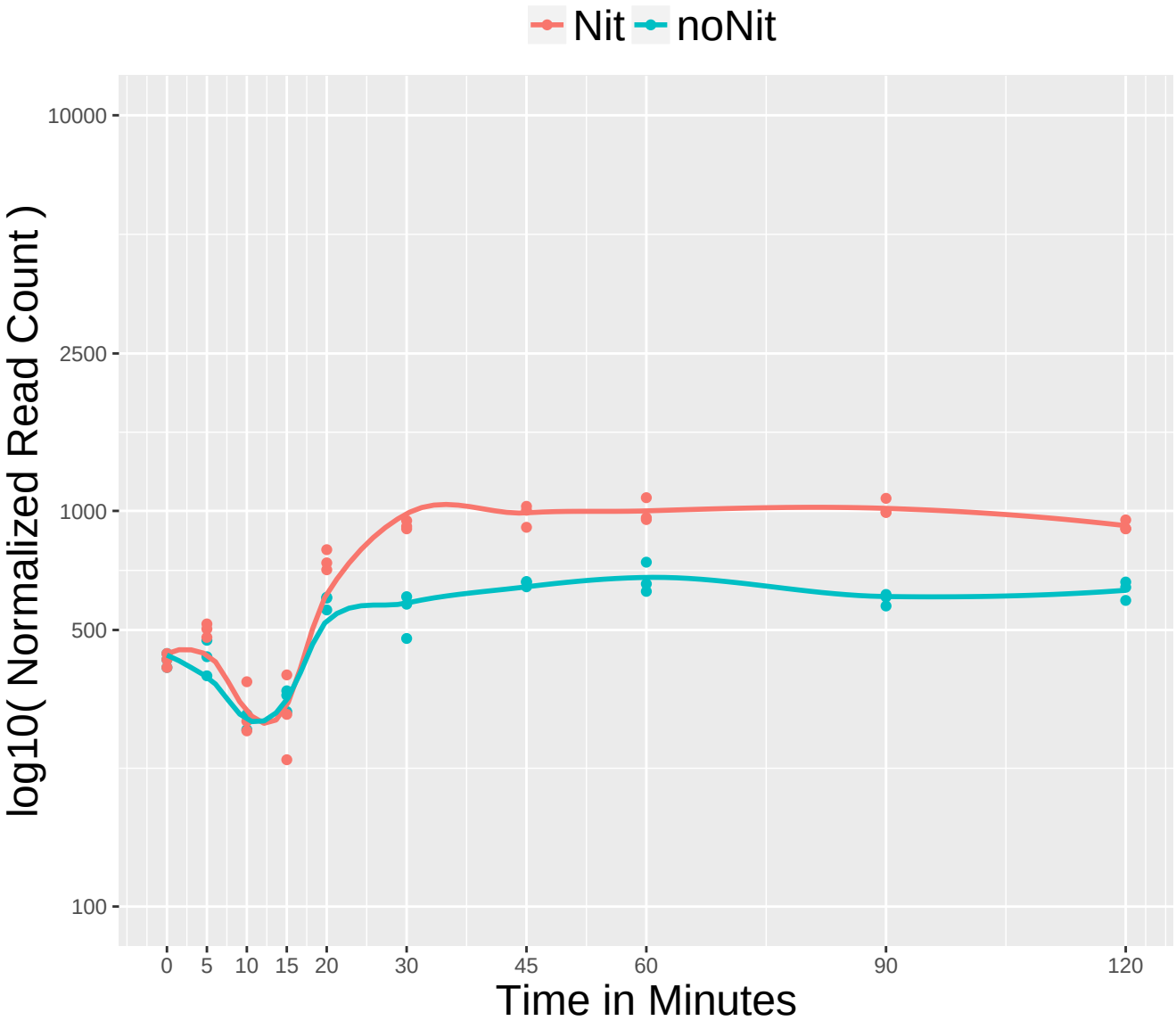
atToc64−III,translocon



AT3G20320

ABCI15,ATP−binding



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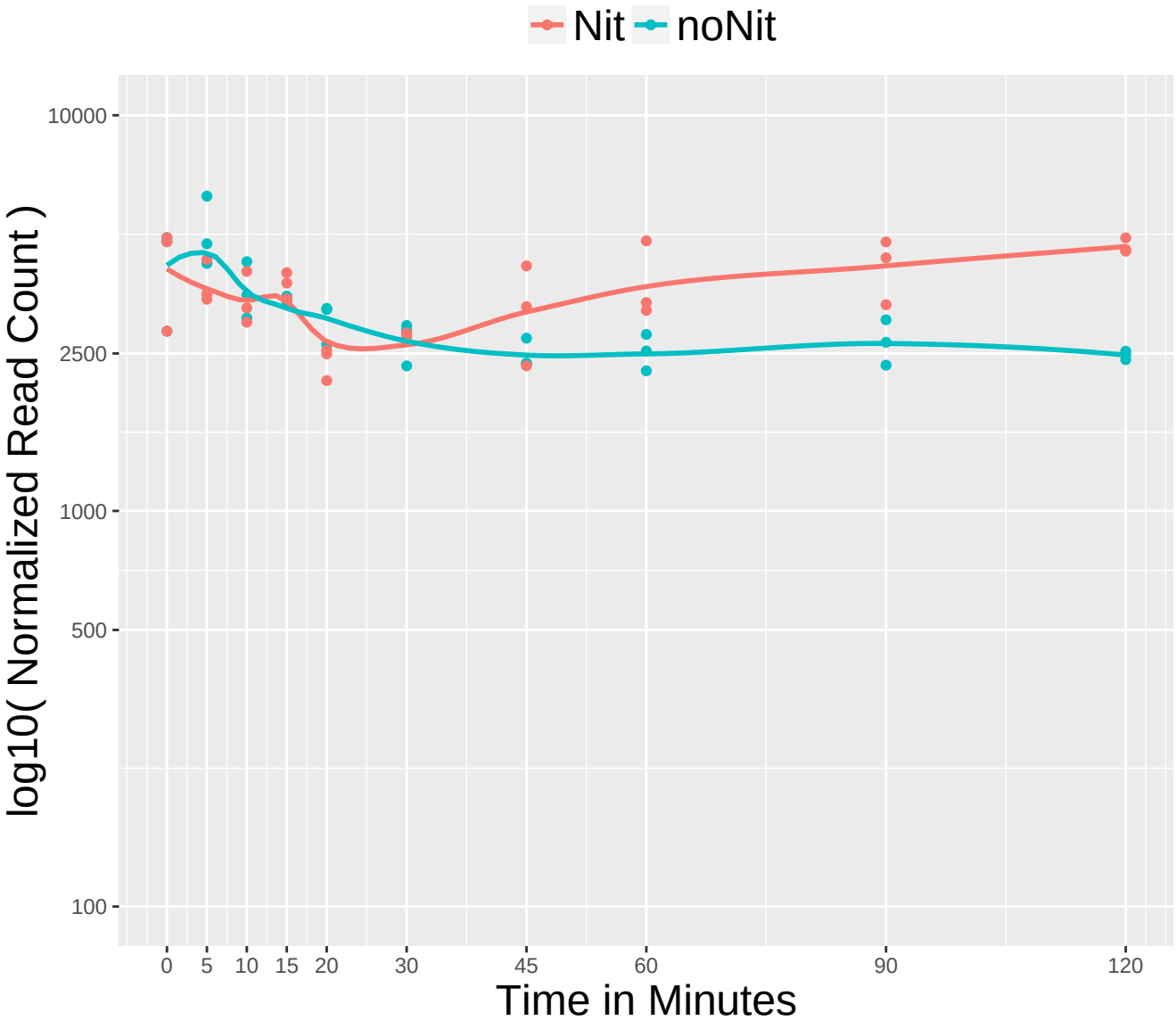
ATGSTU27,glutathione



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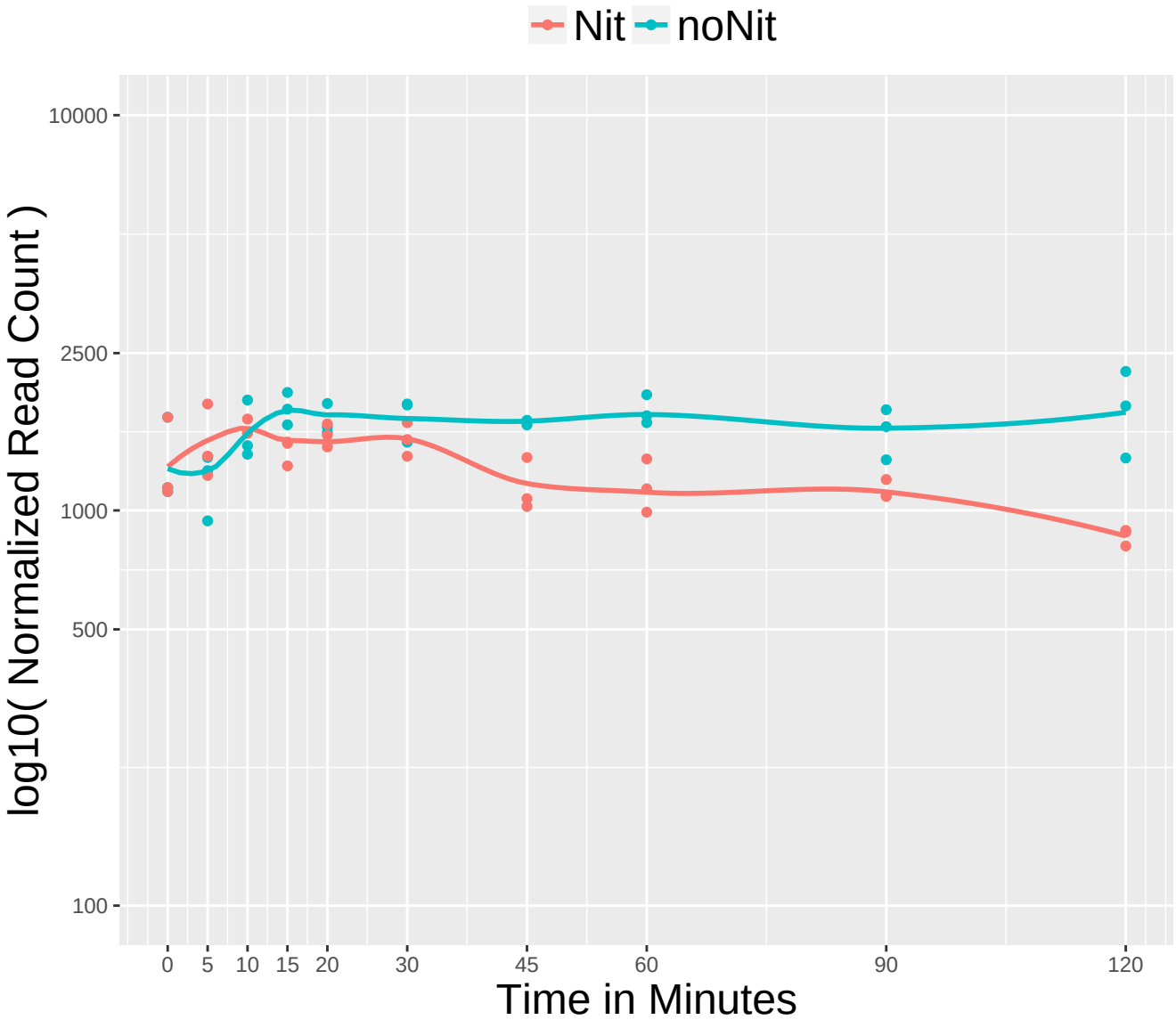
CRCK2,calmodulin−binding



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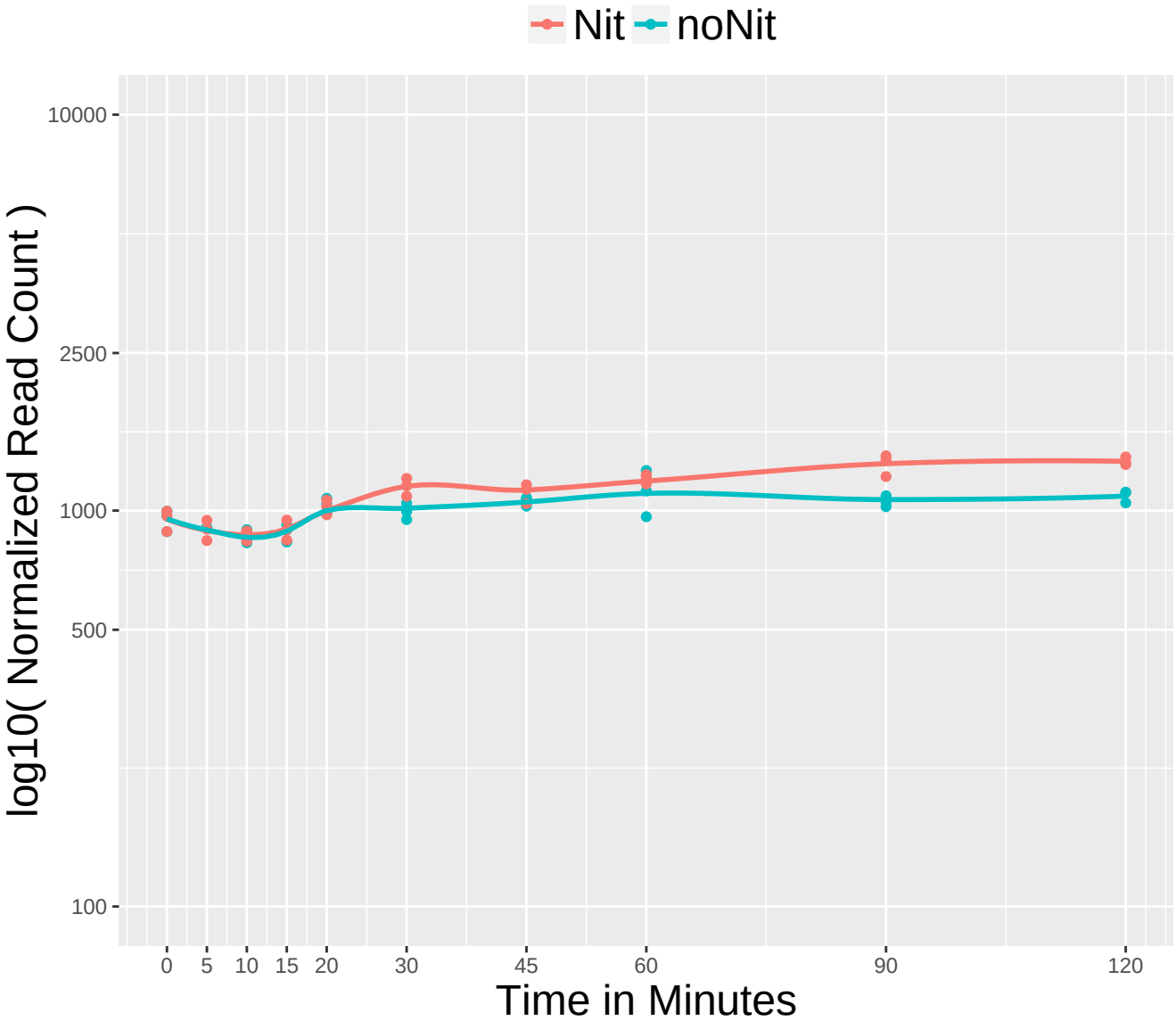

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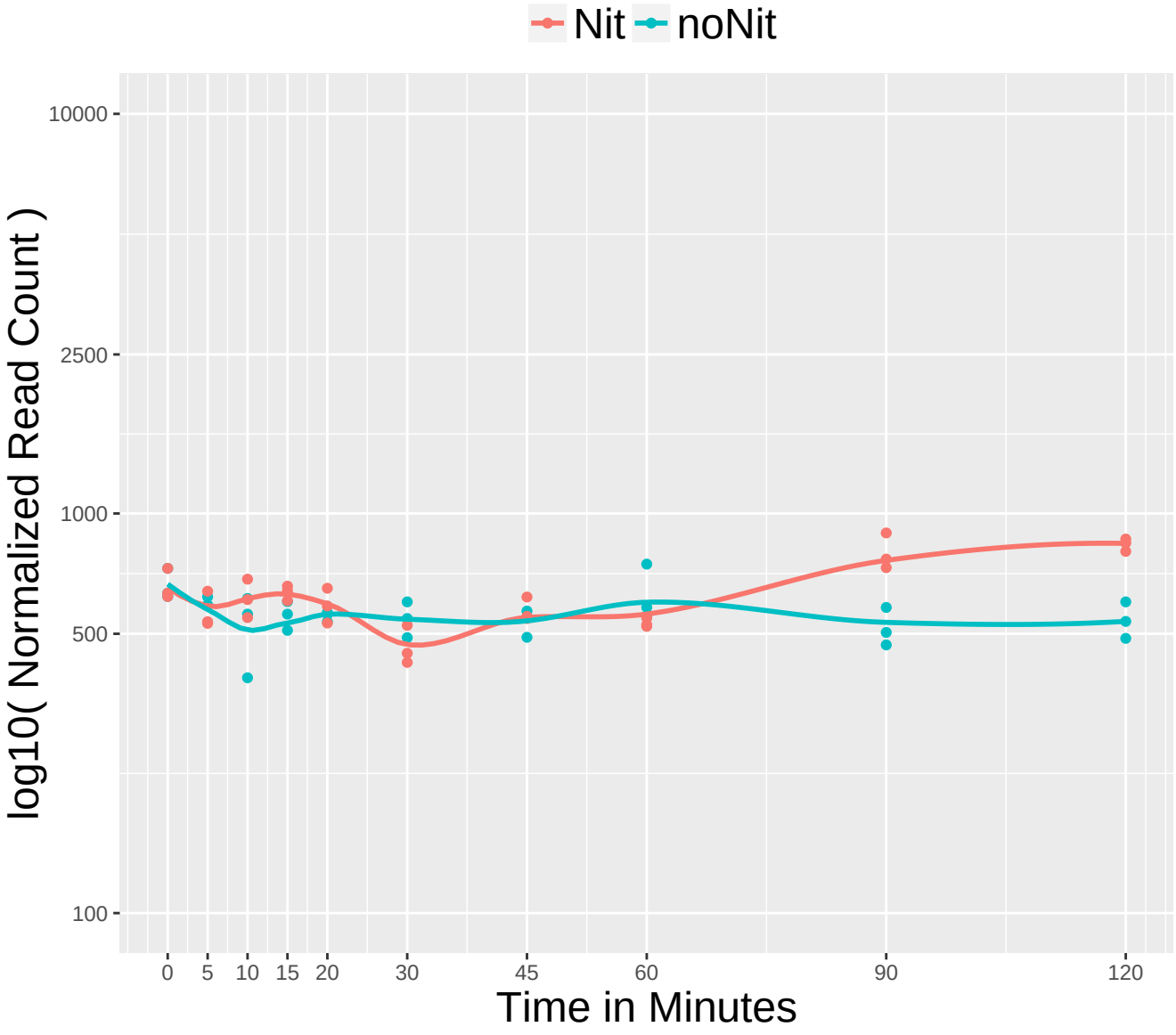
Homeodomain−like



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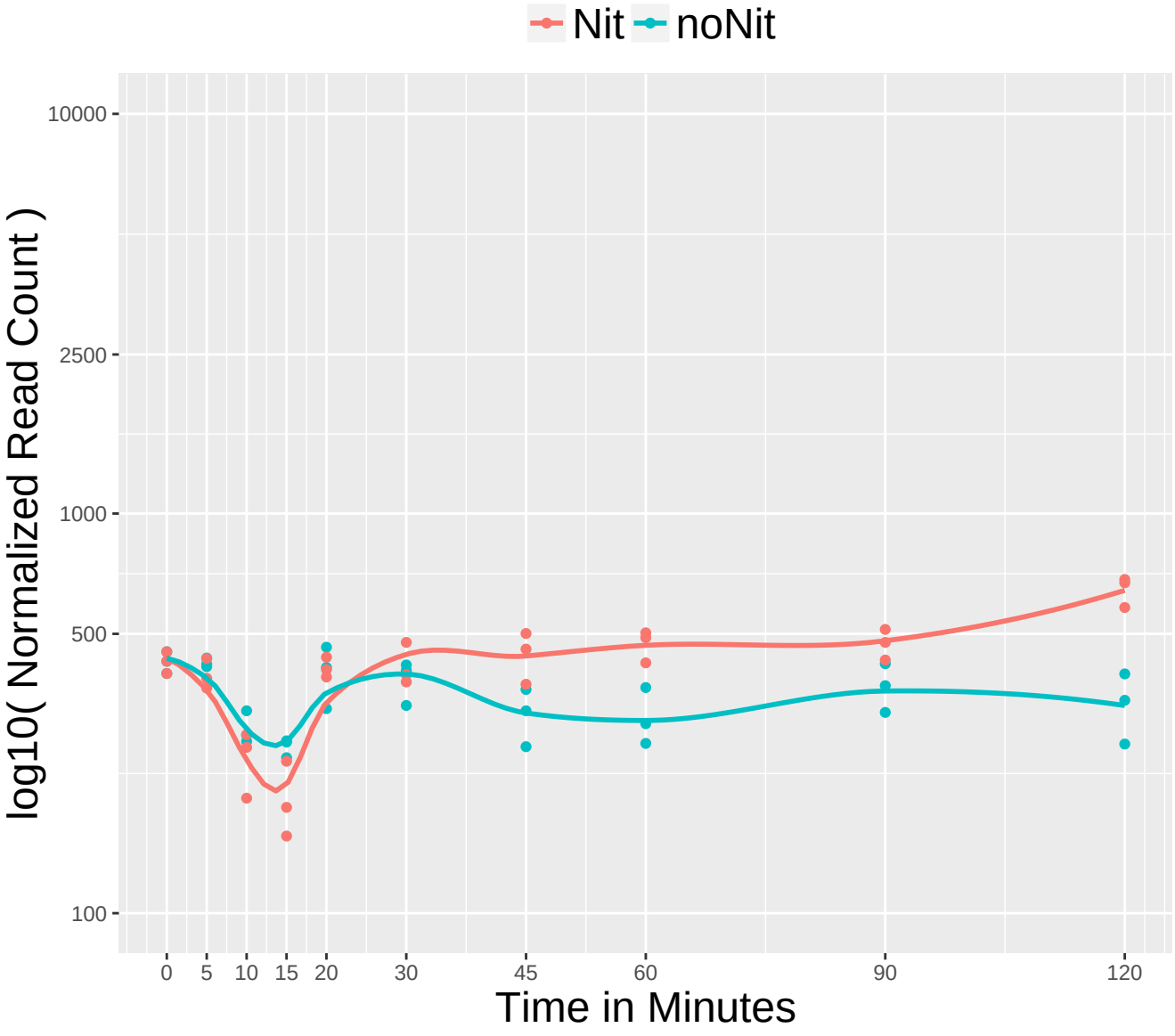

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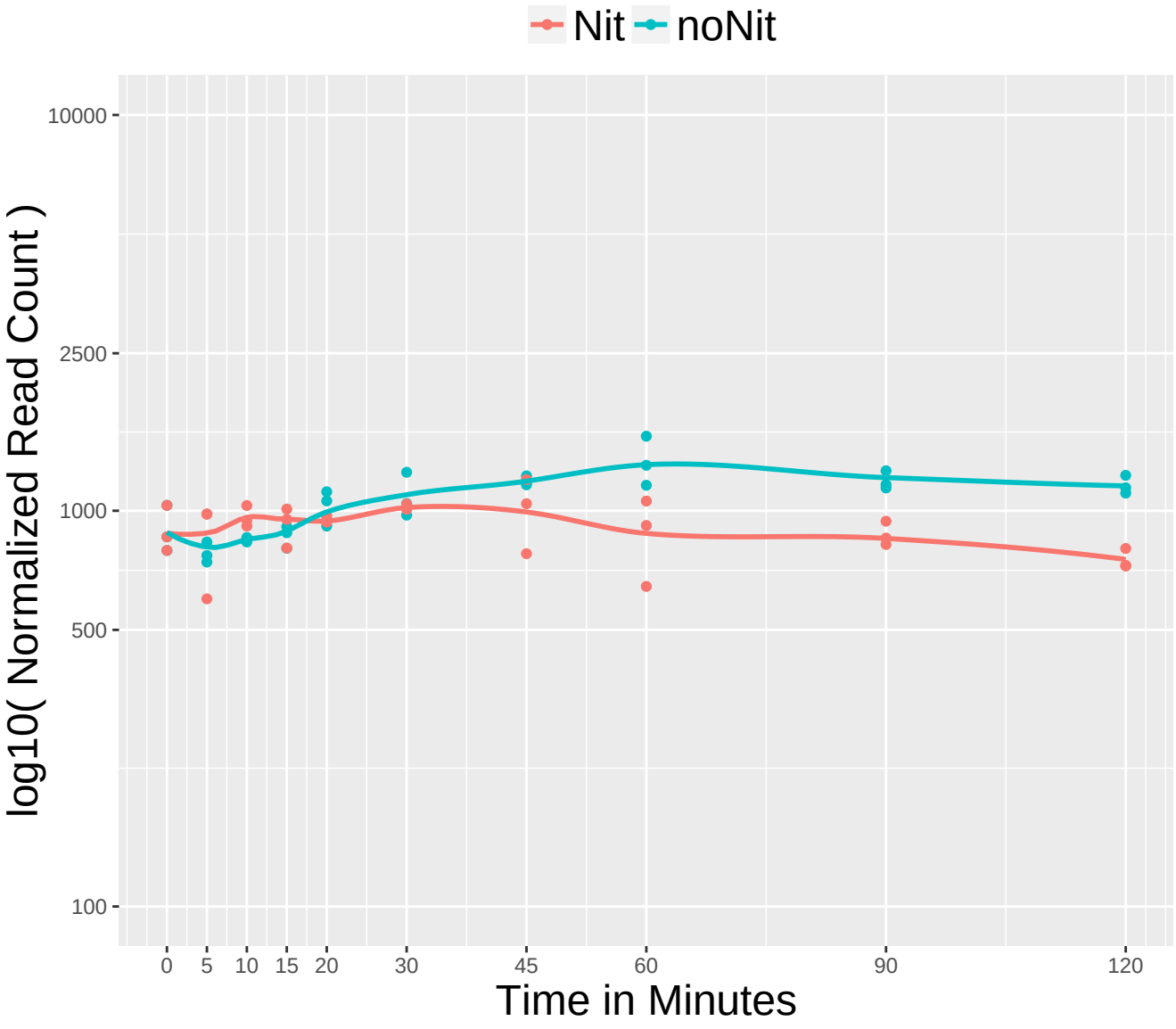
PHYC,phytochrome



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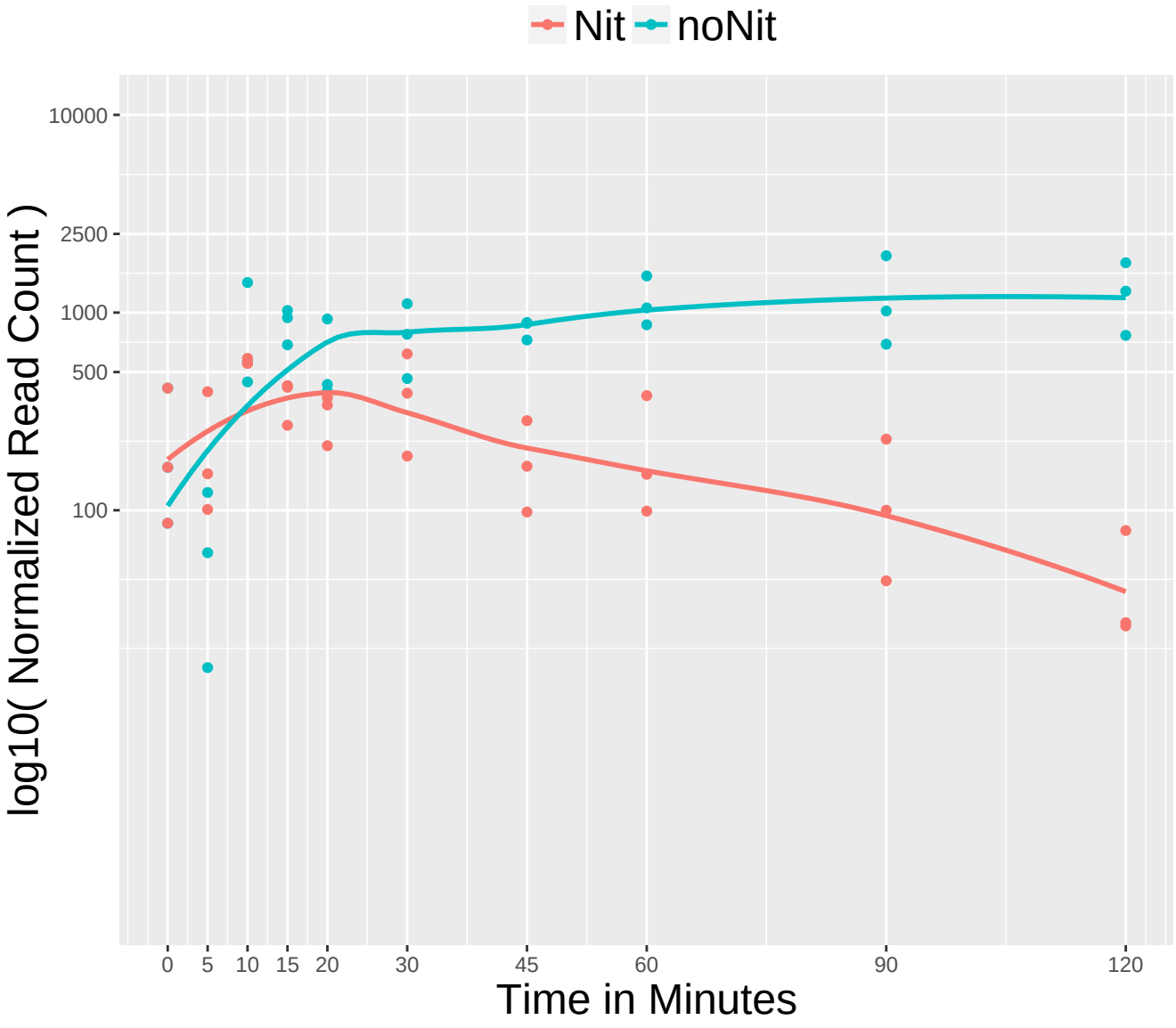
CYP716A2,"cytochrome



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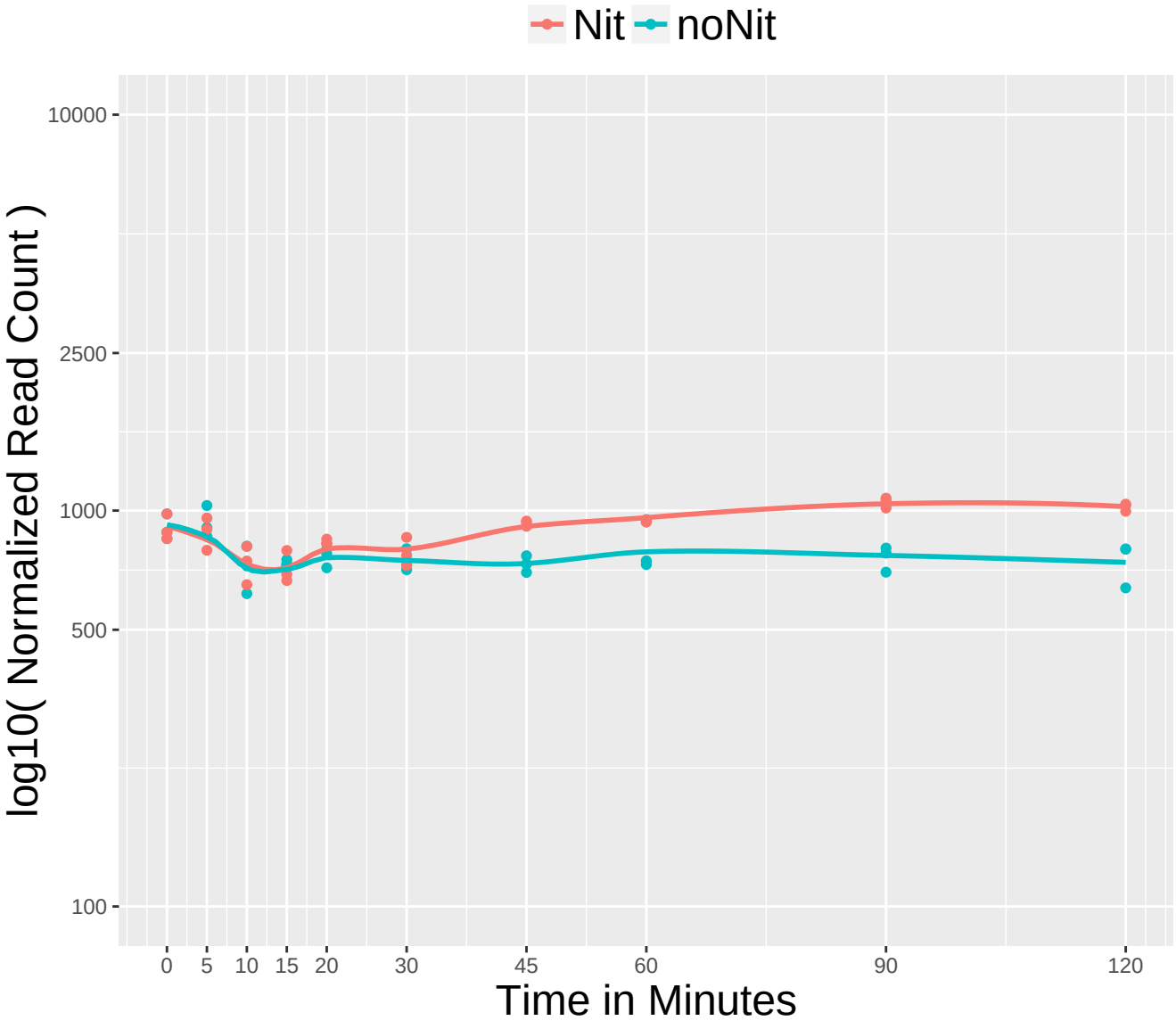
Chaperone



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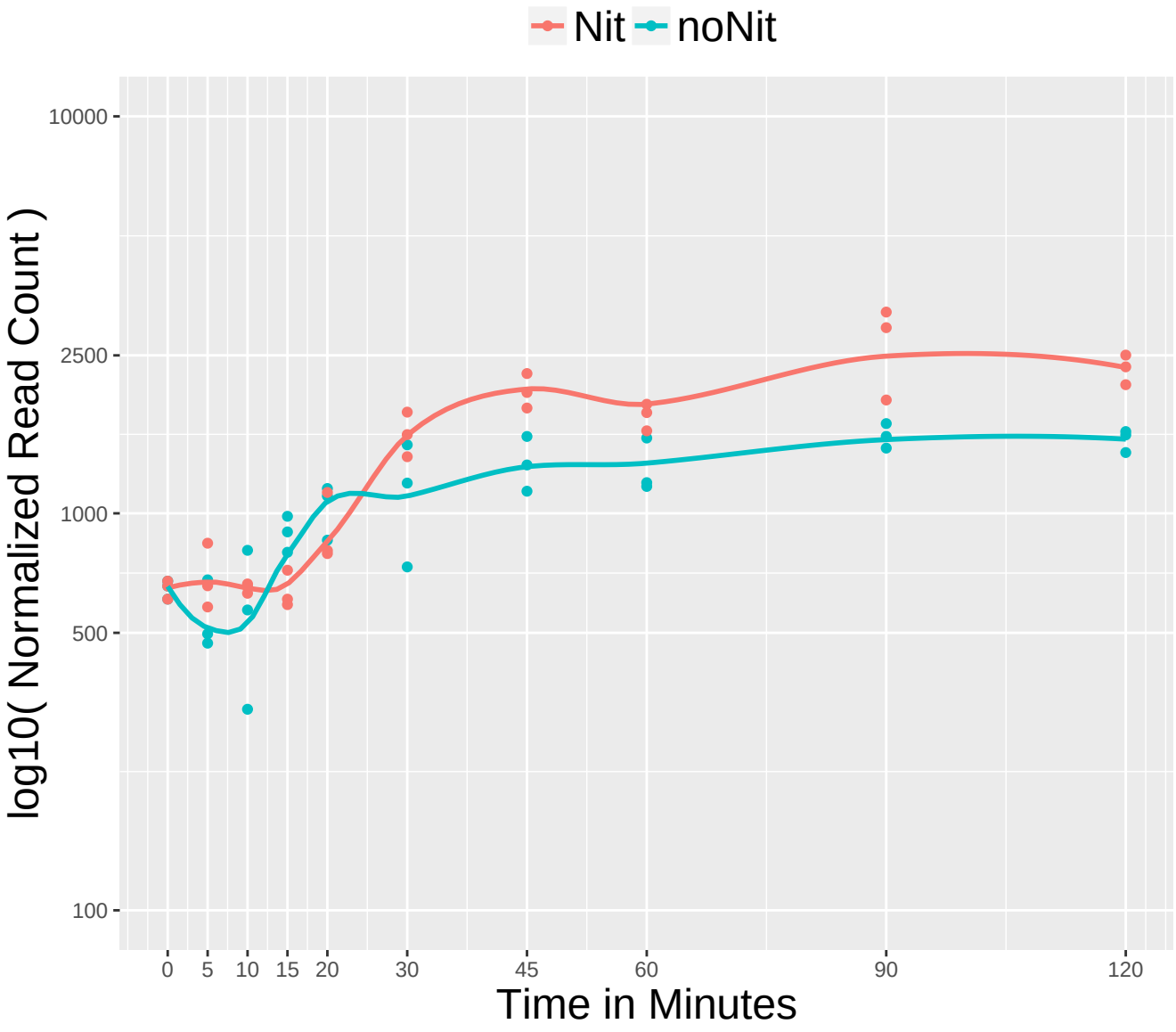
ATCLC−A,chloride



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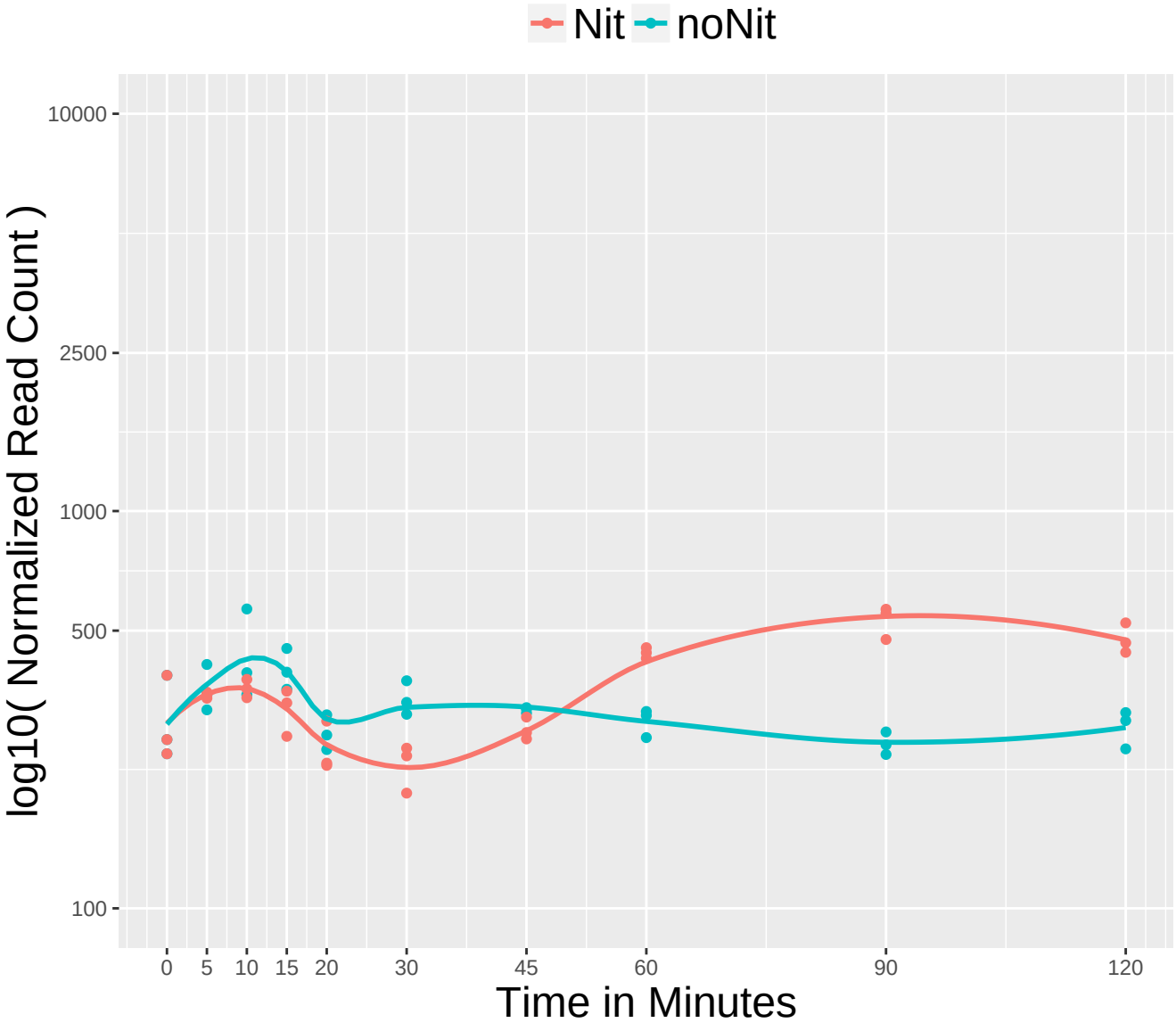
MAKR5,MEMBRANE−ASSOCIATED



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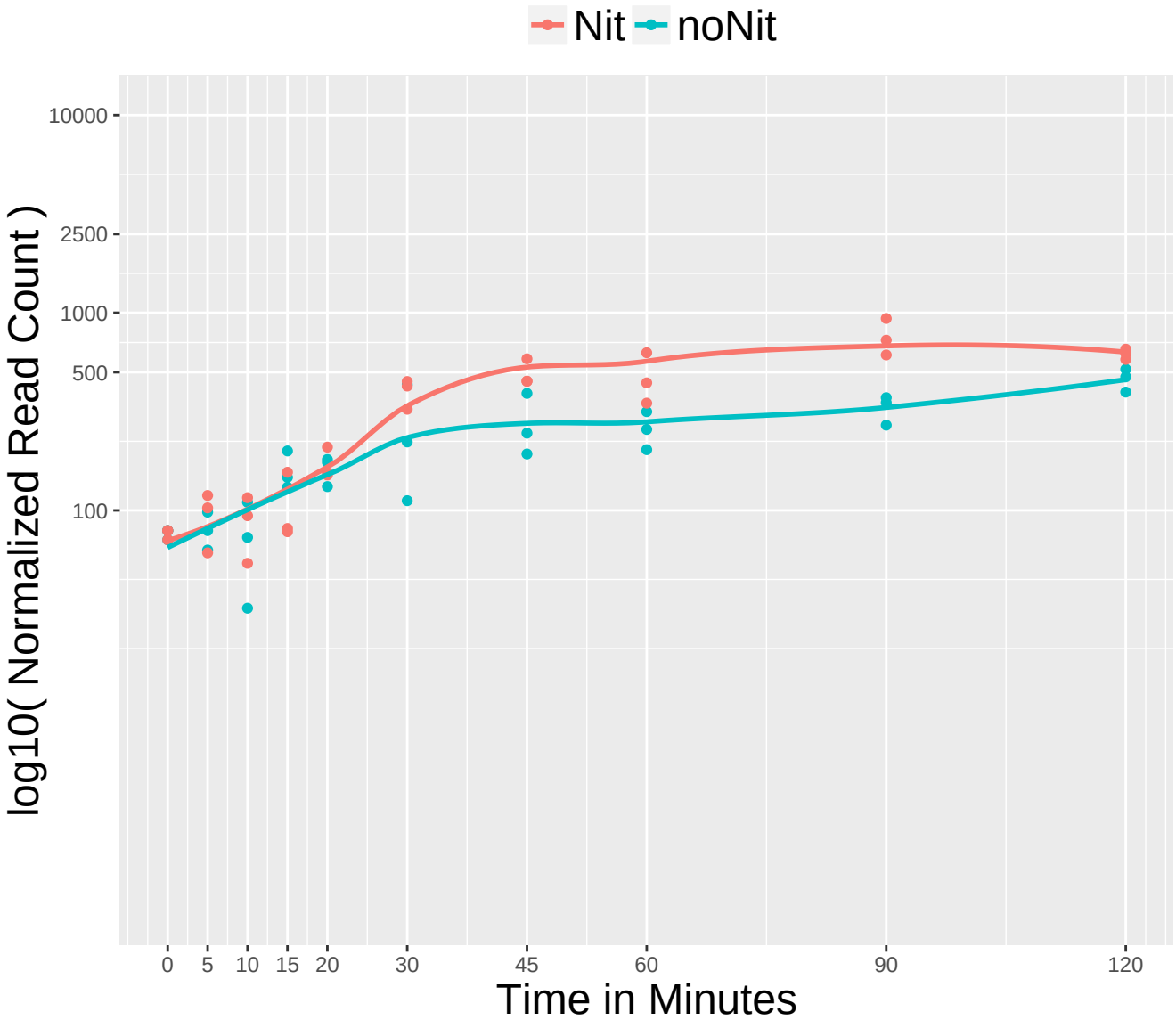
BGAL4,beta−galactosidase



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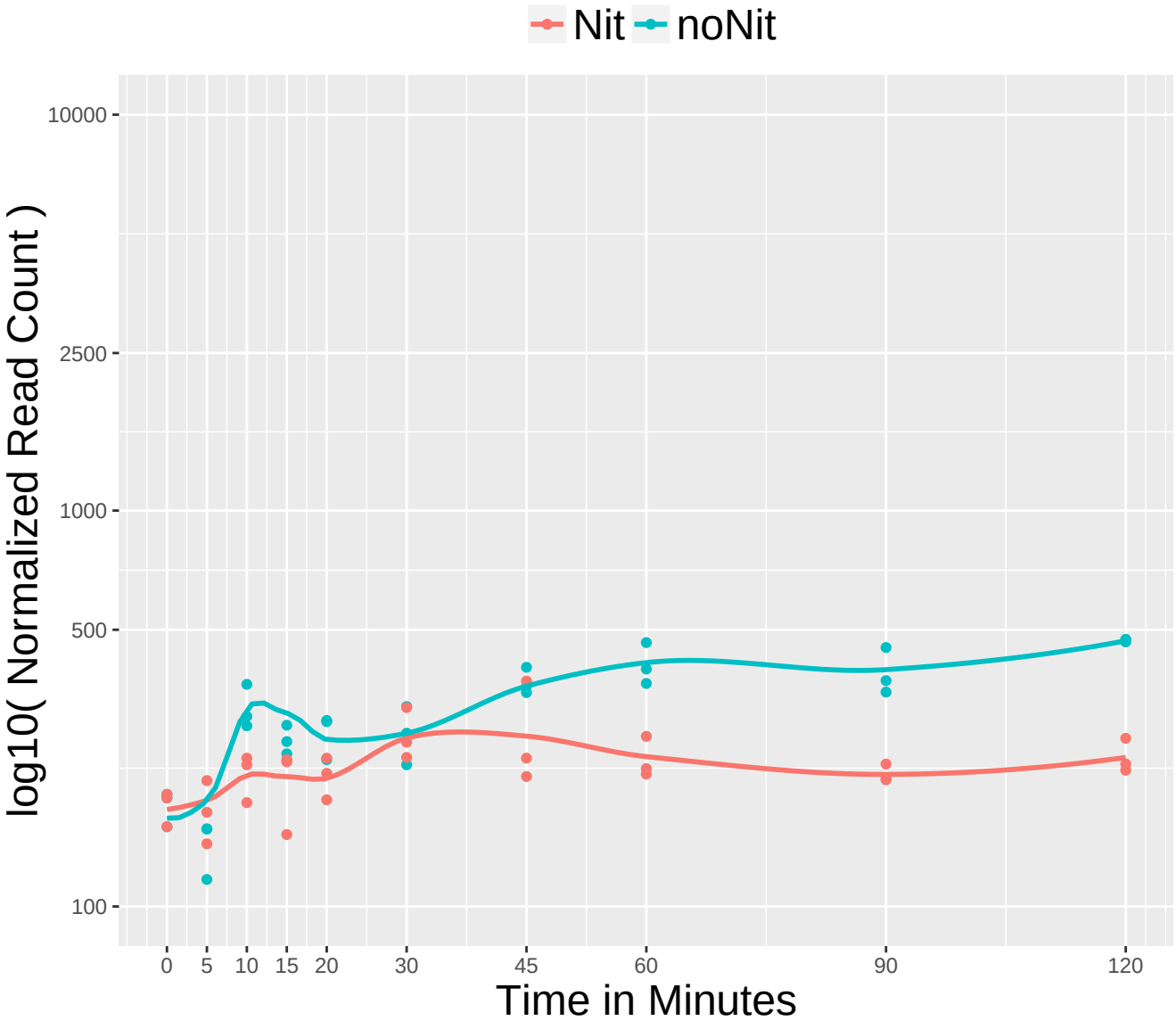
APC1,ATP/phosphate



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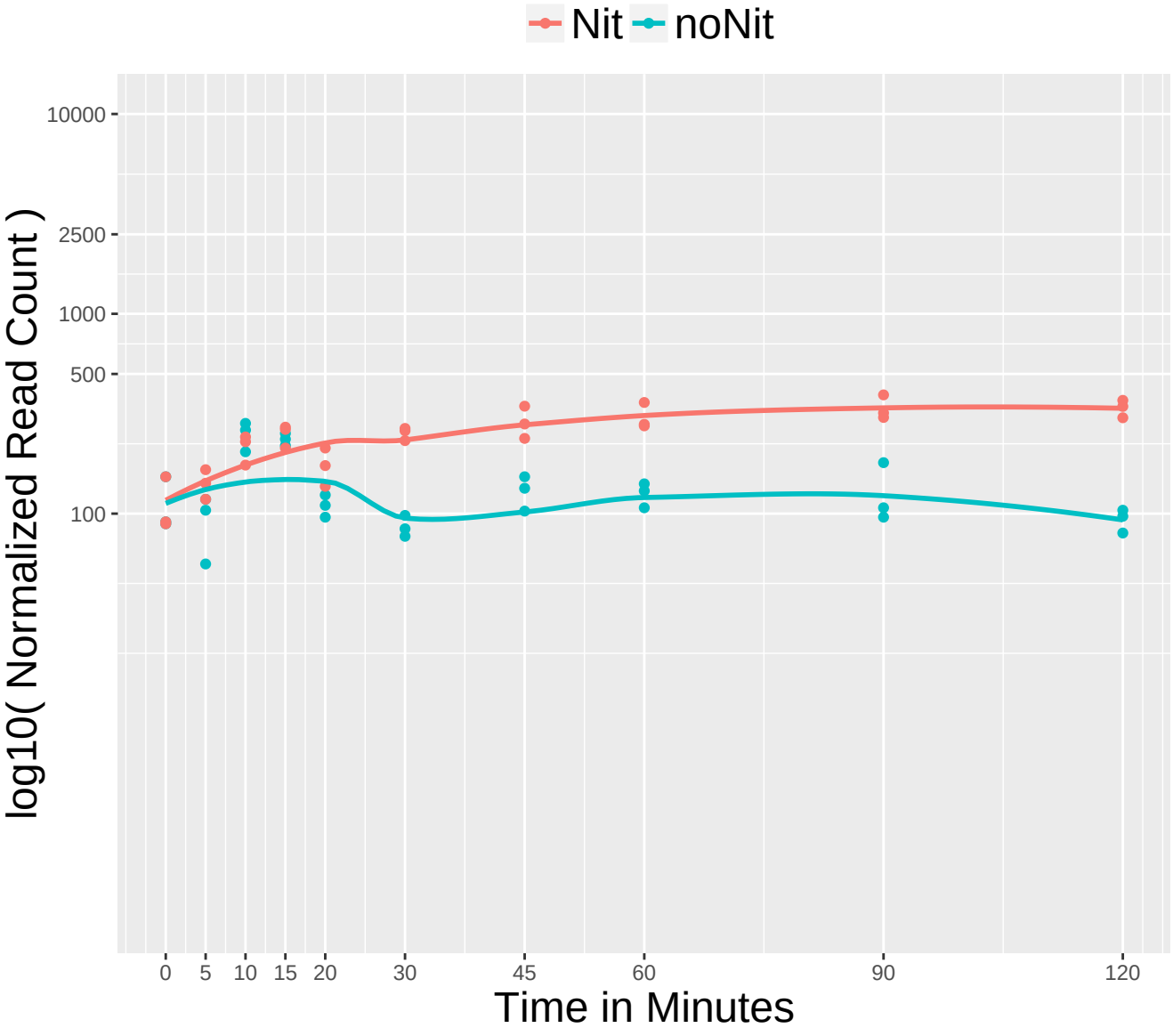
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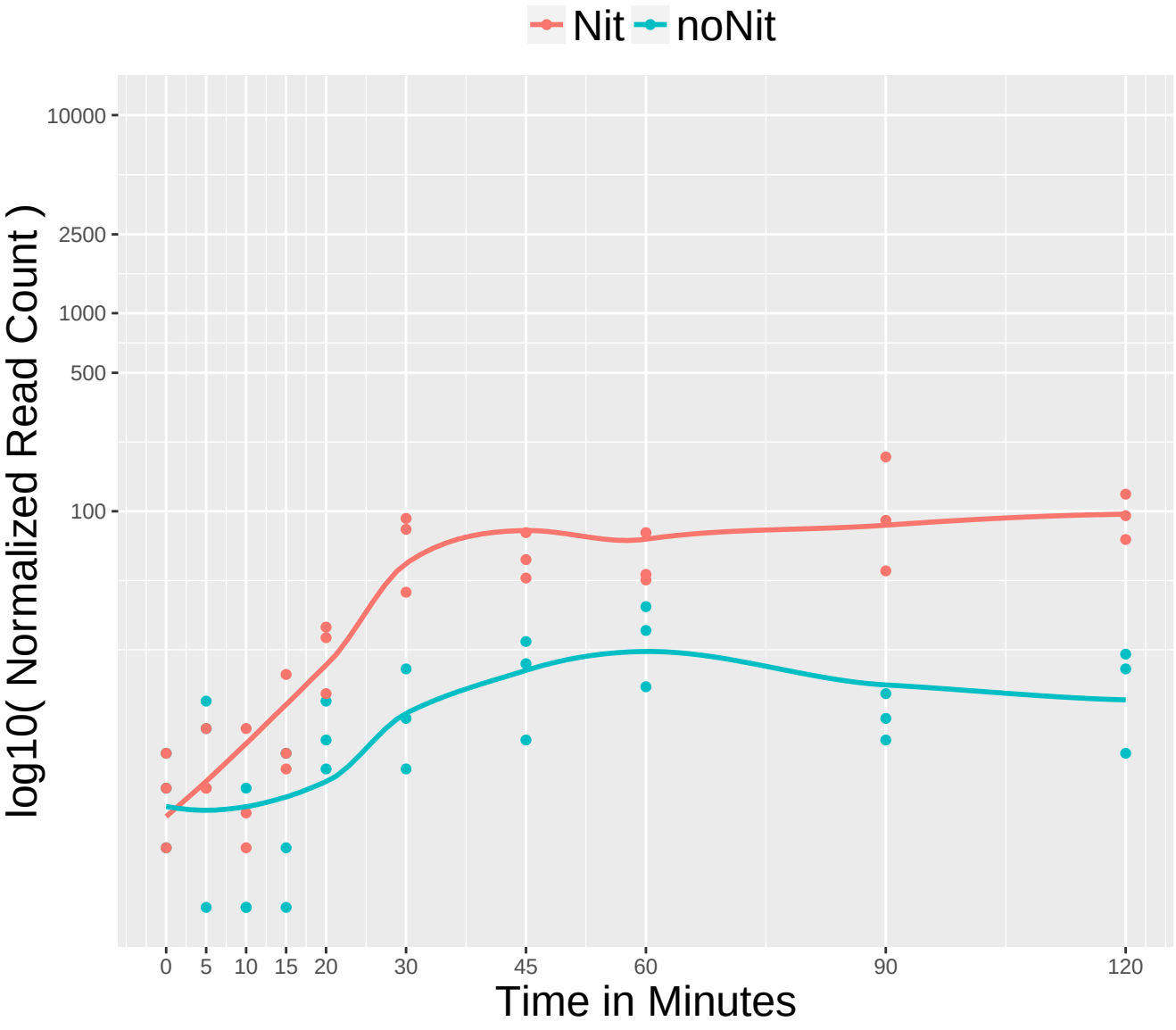
Time in Minutes

AT1G60050

UMAMIT35,Usually



AT2G29200

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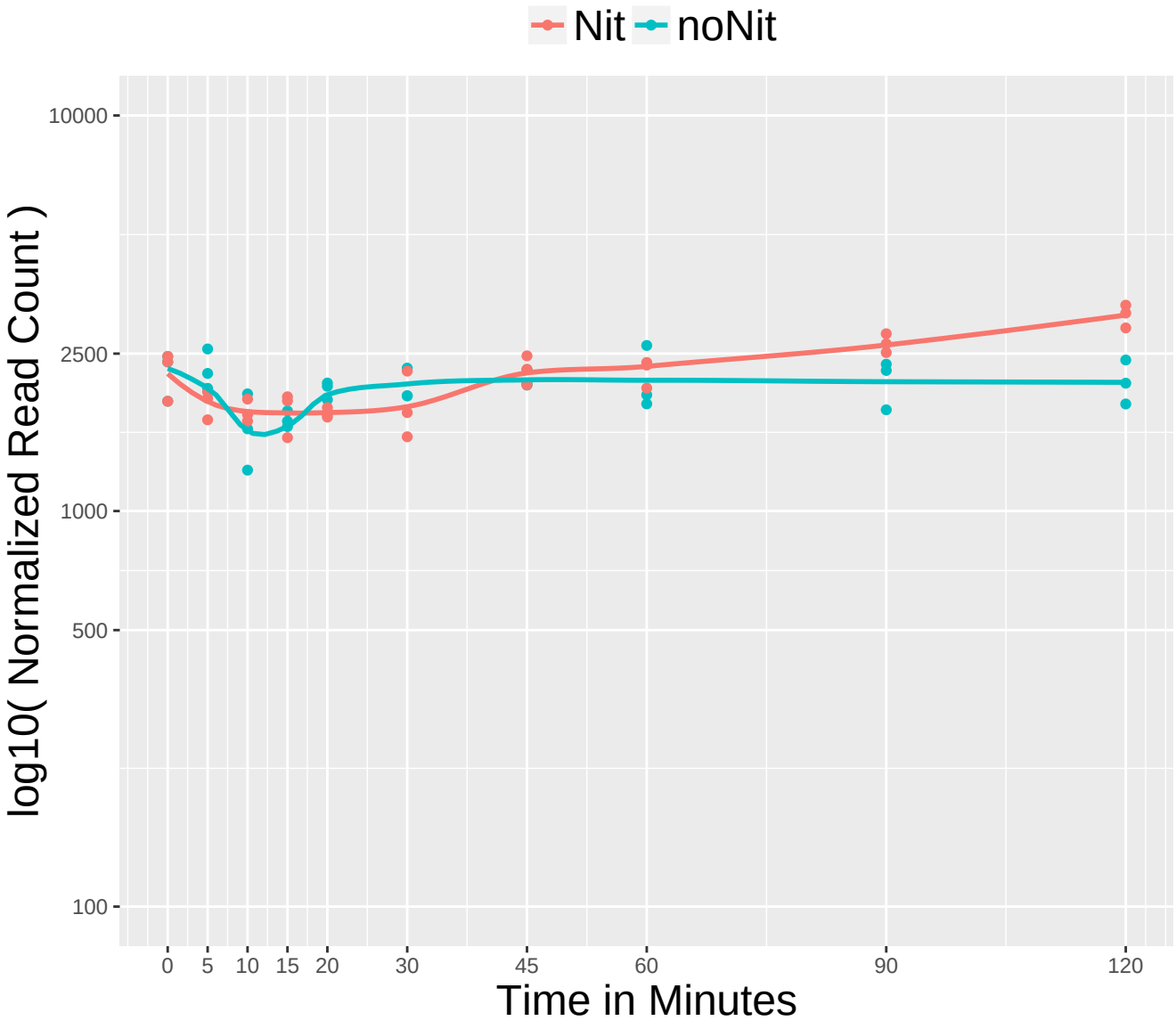

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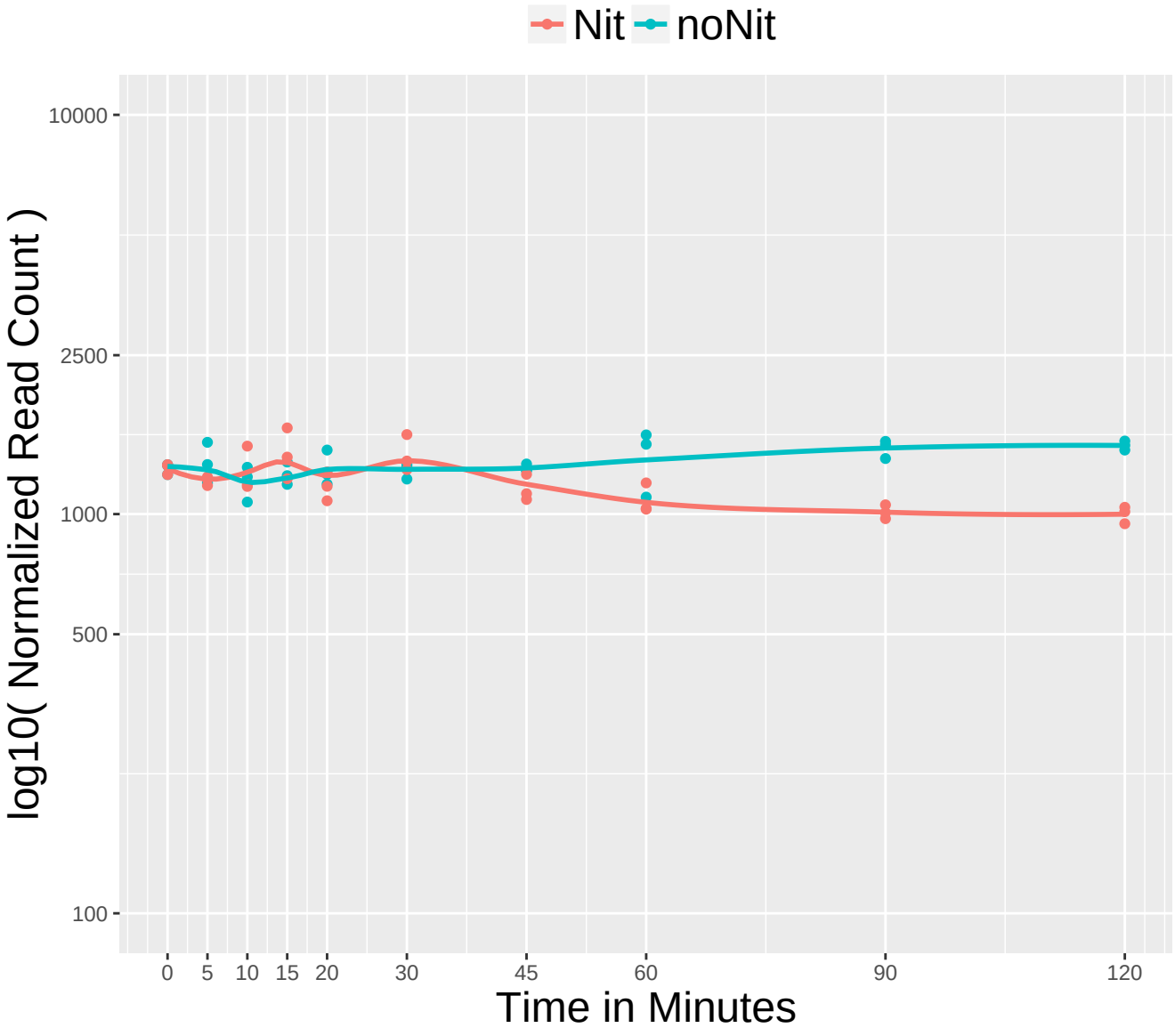

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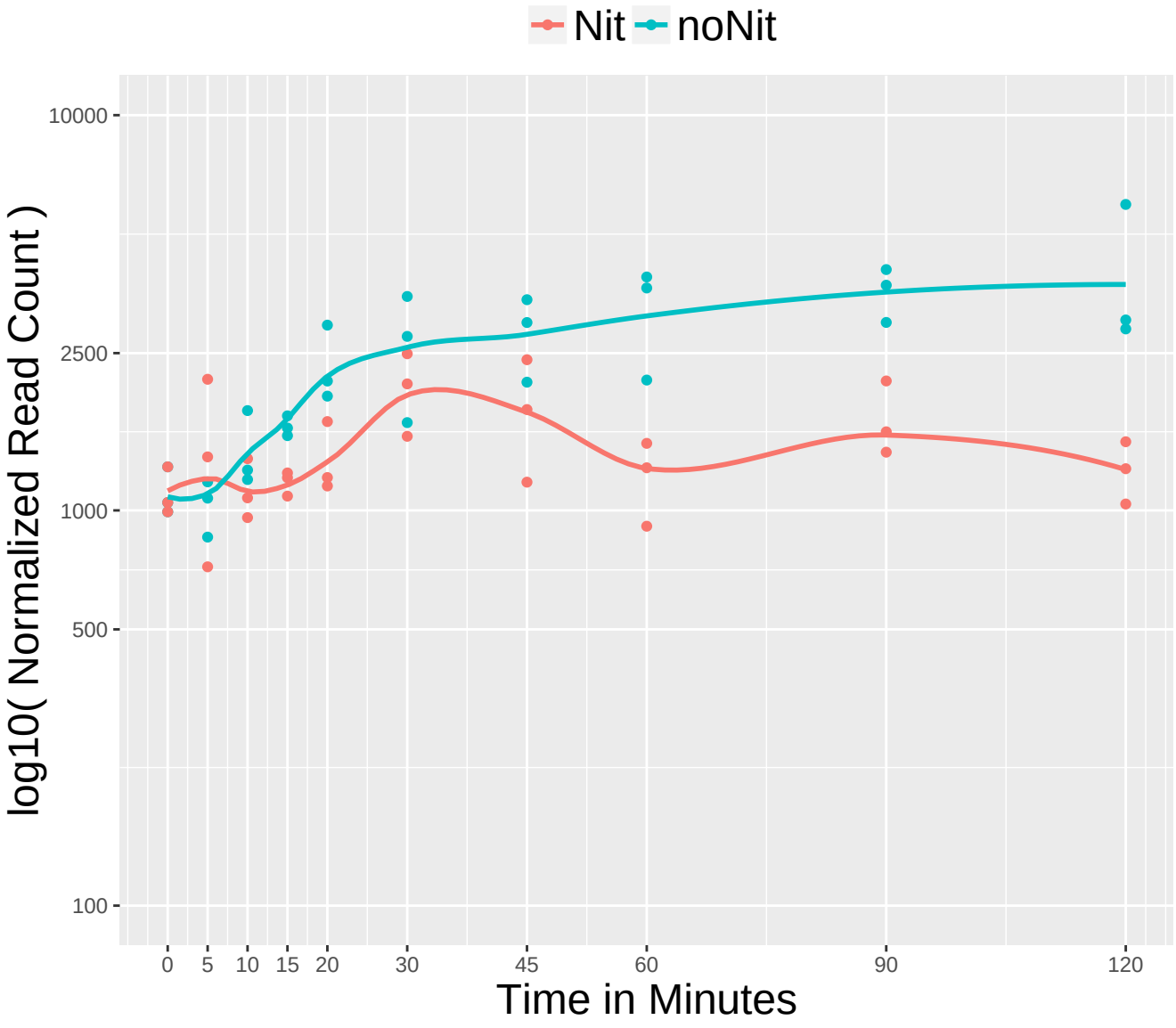

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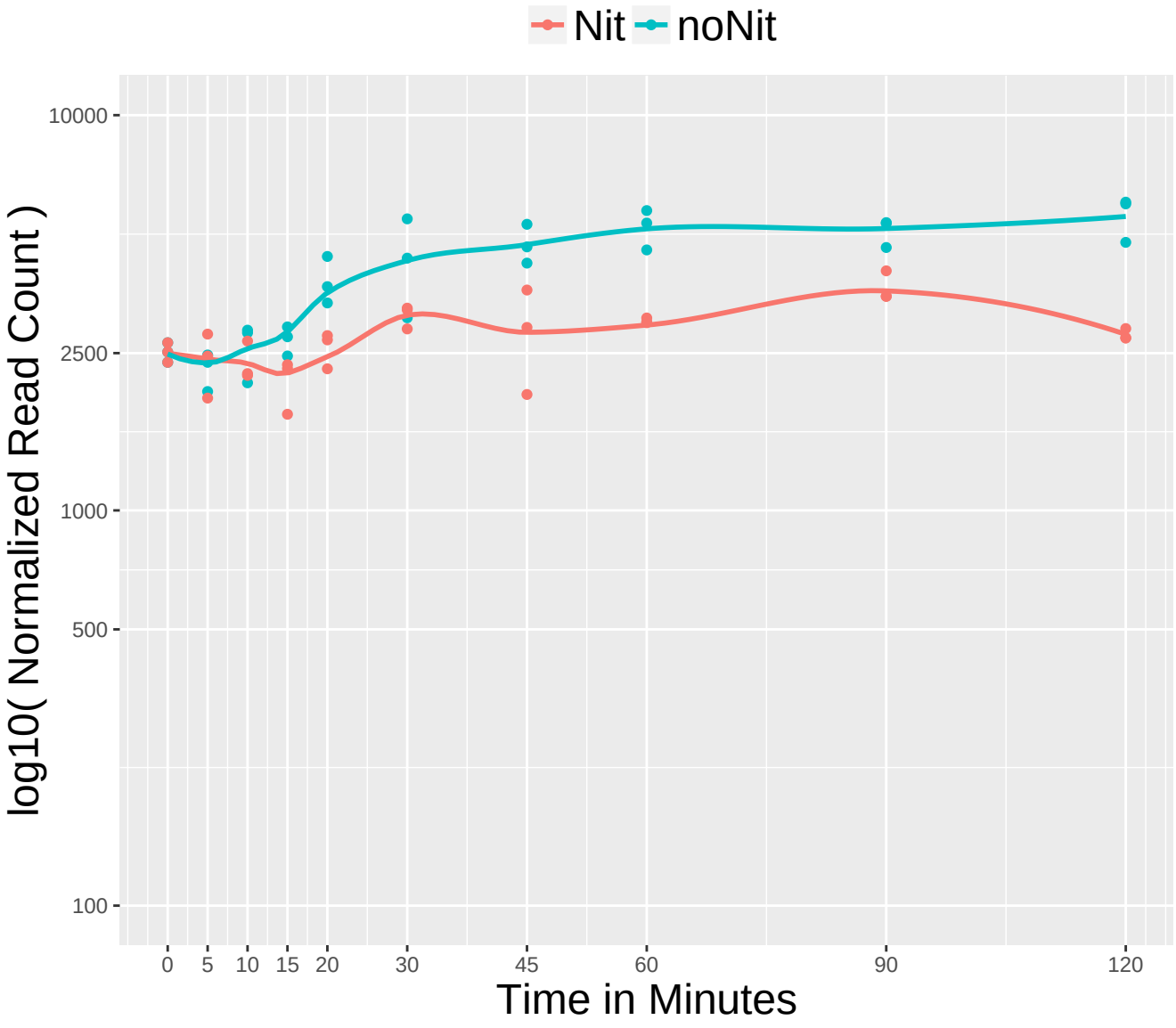

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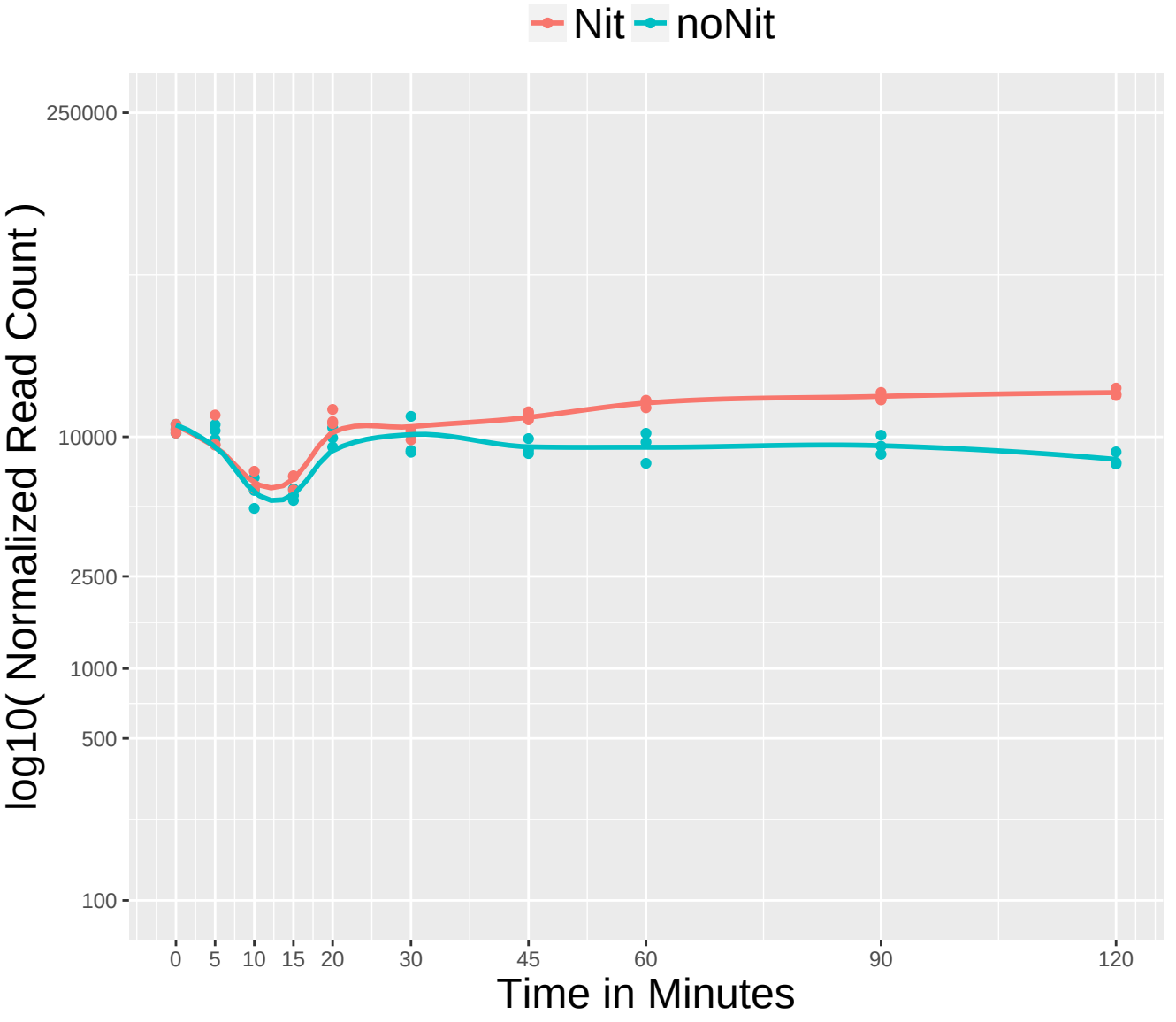

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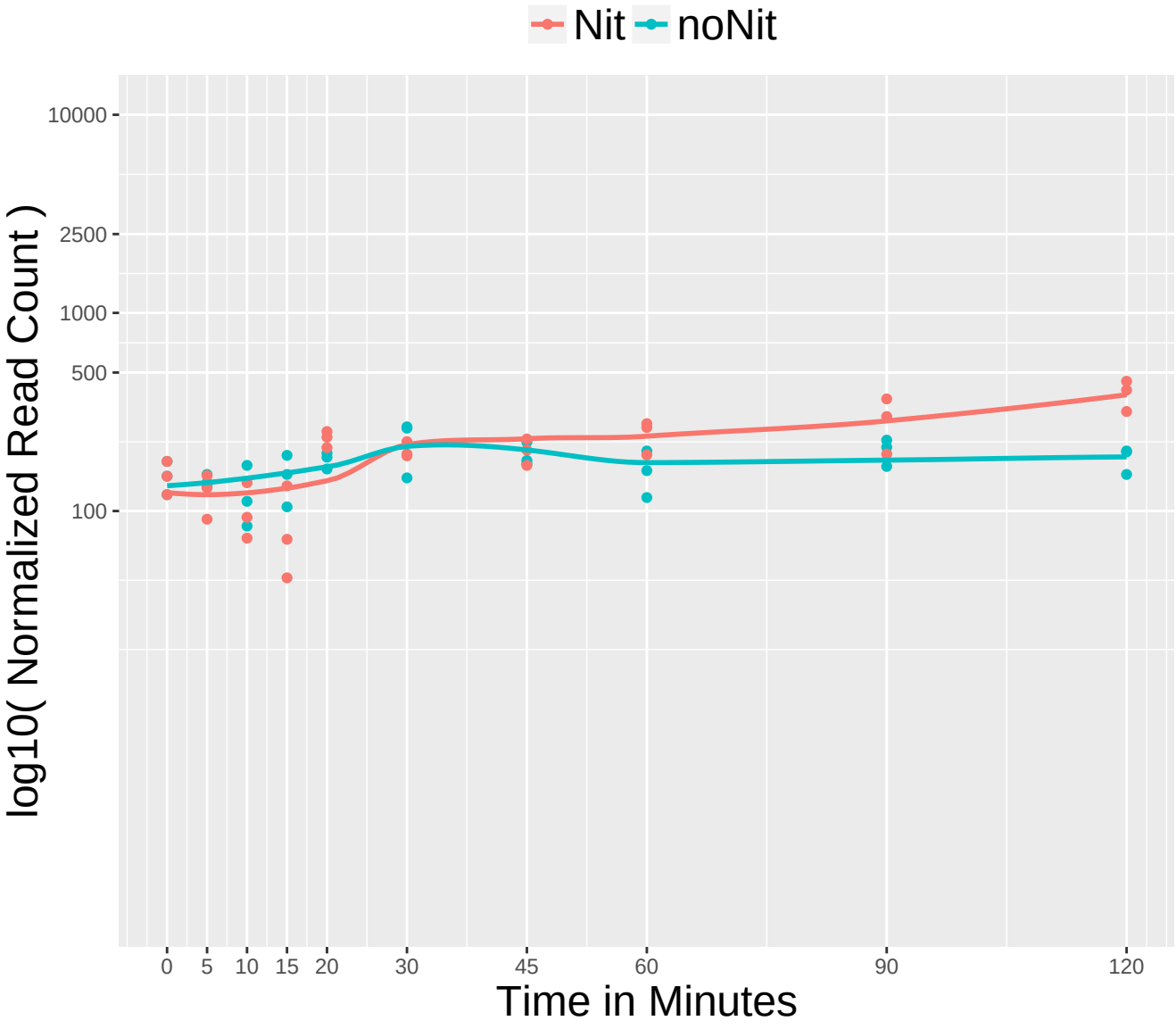

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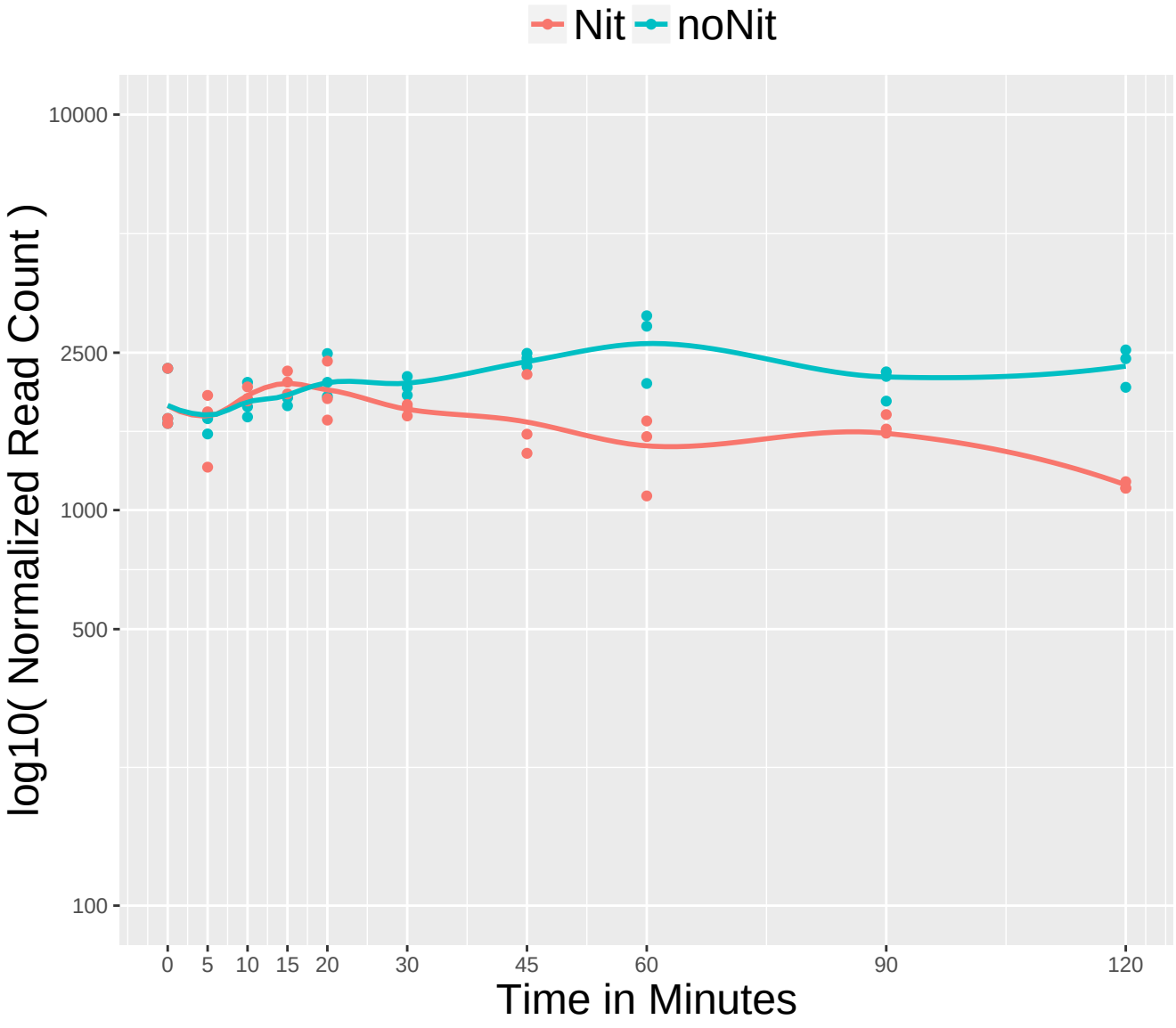

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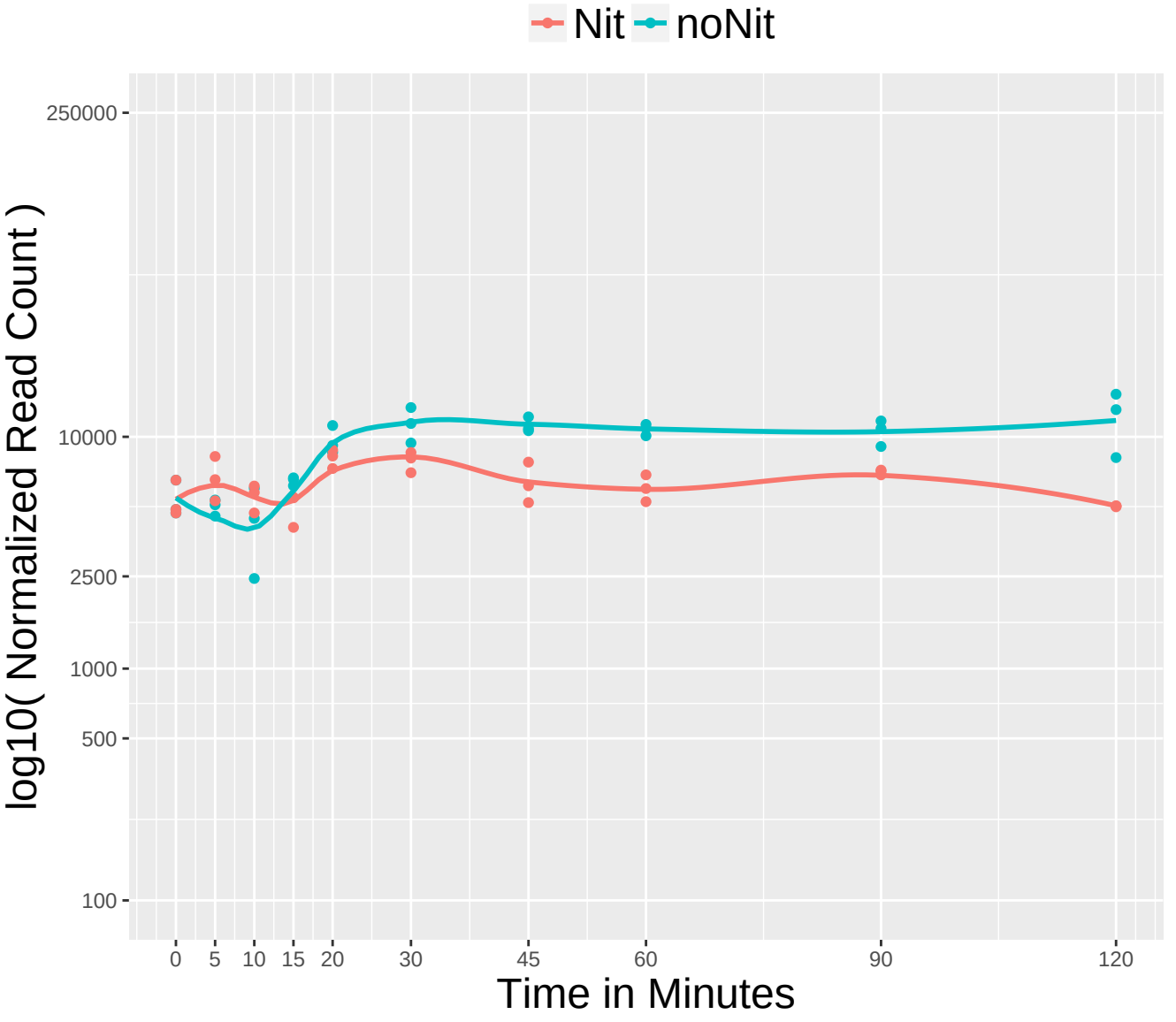

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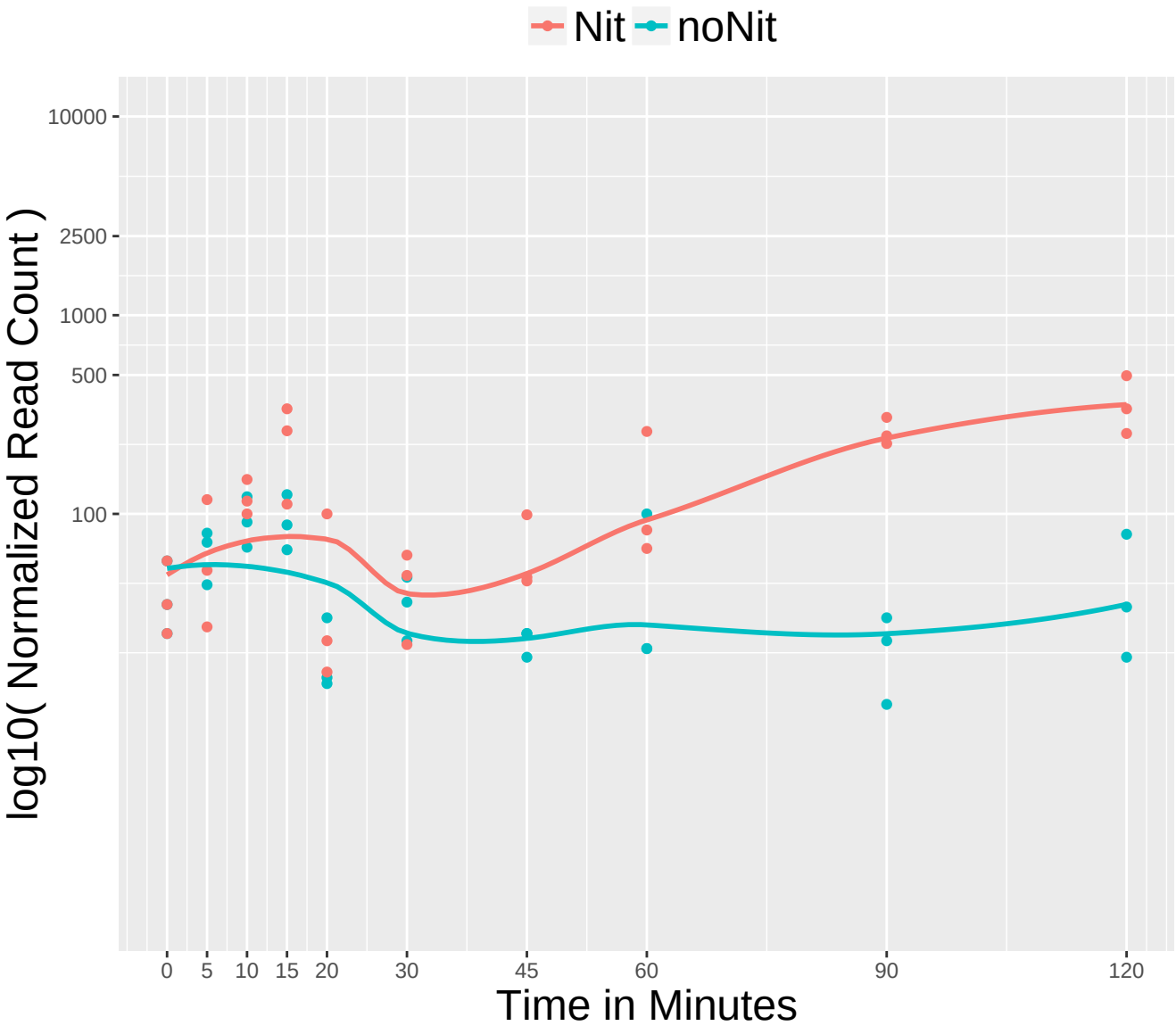

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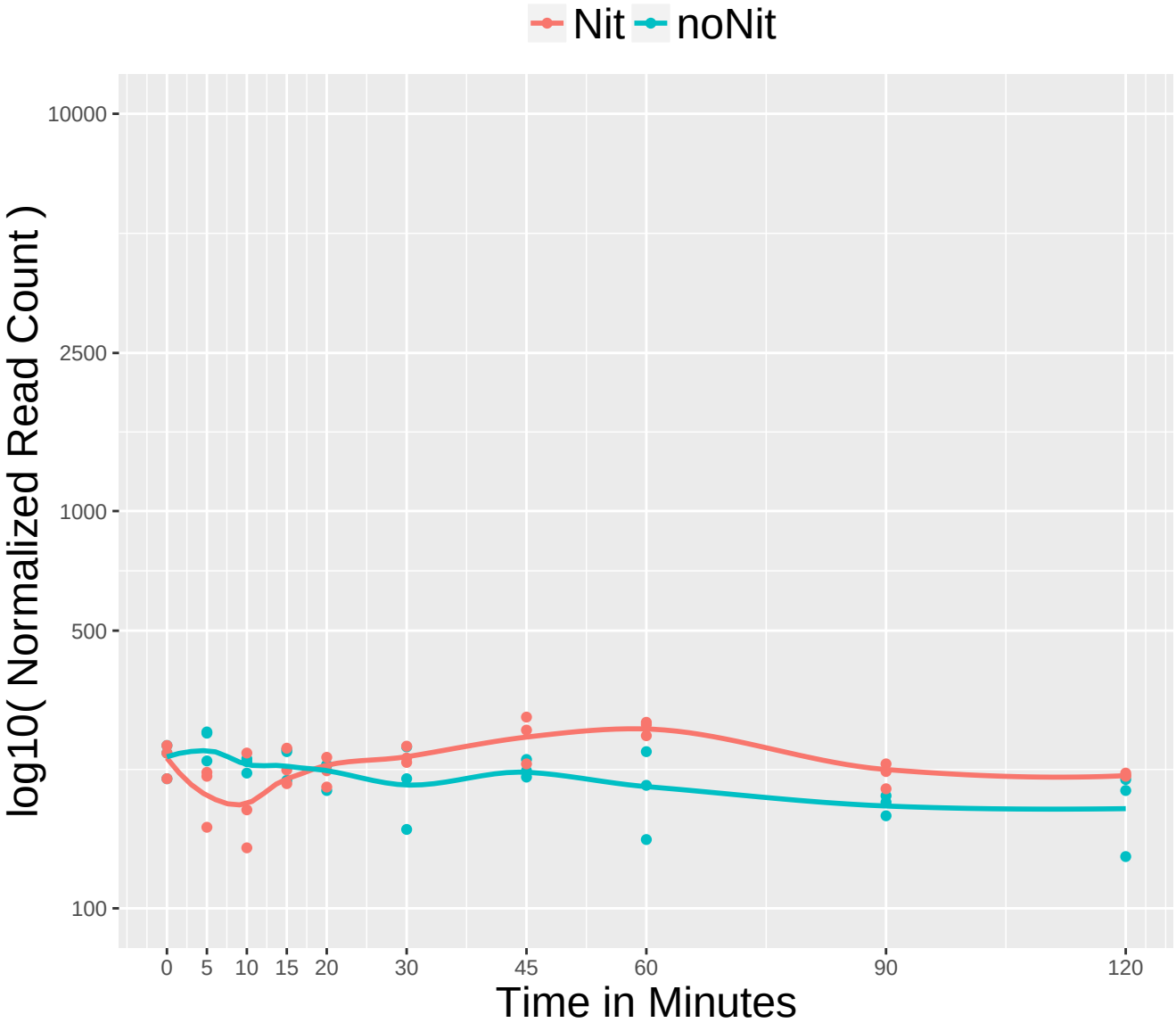

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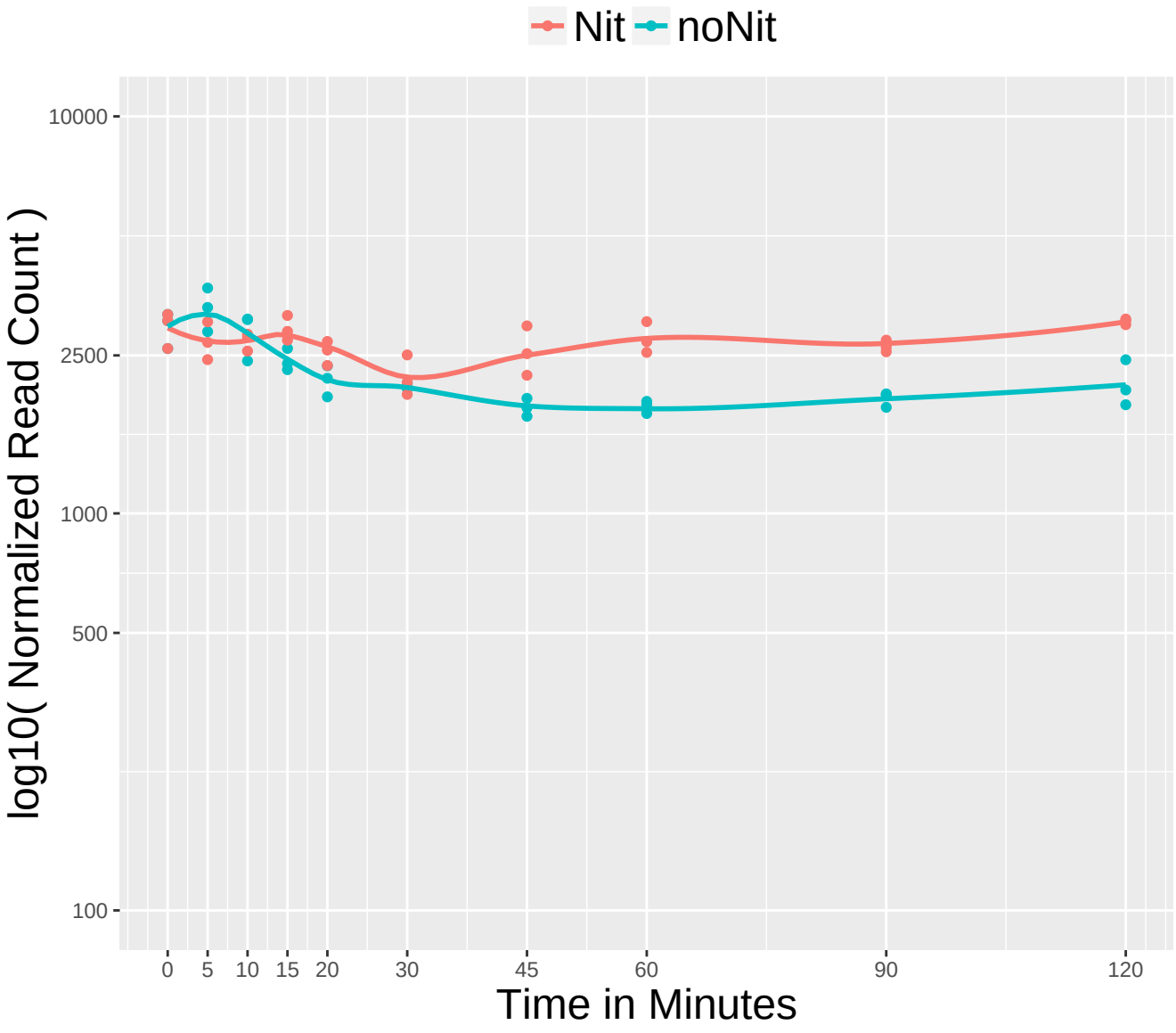

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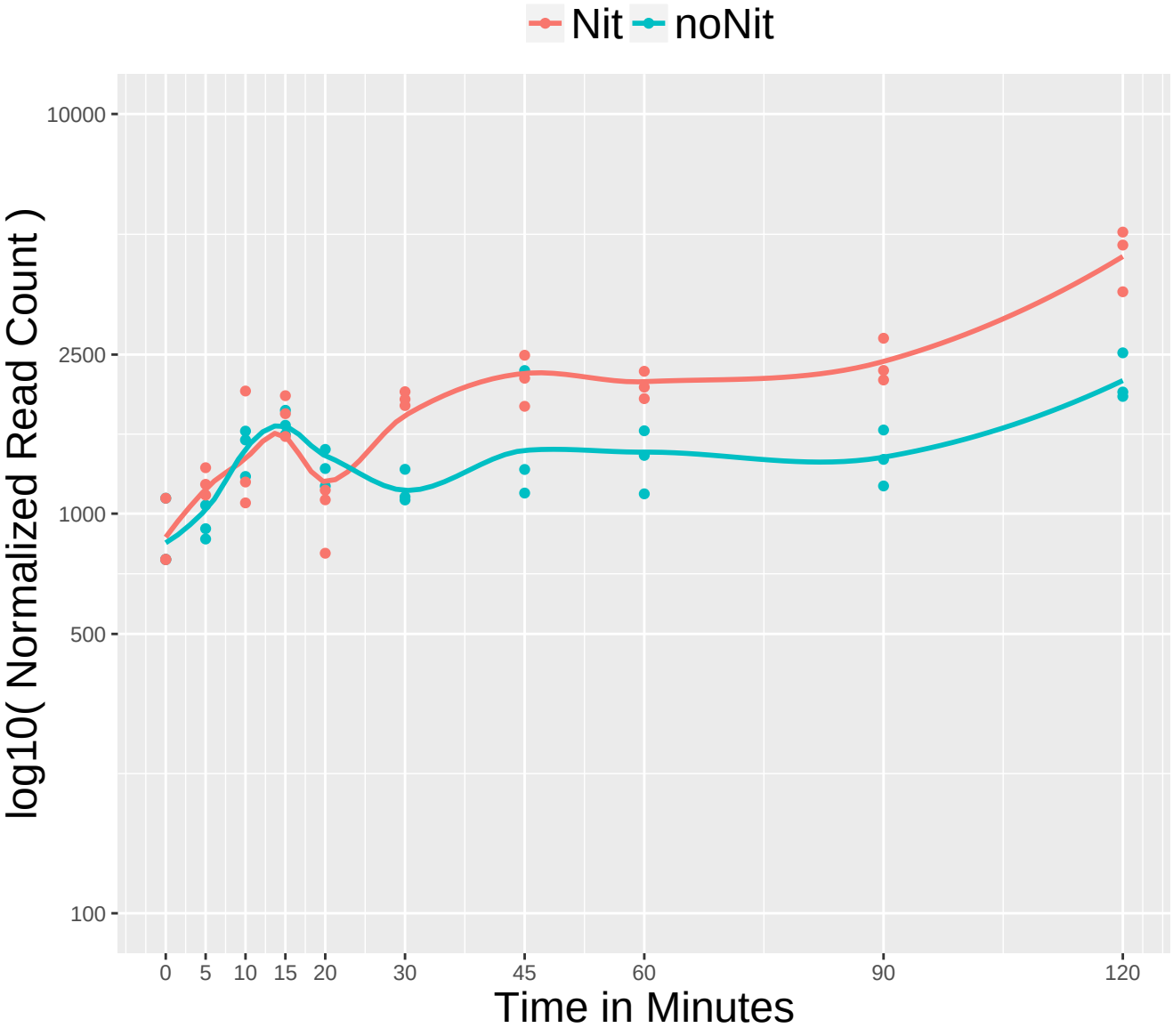
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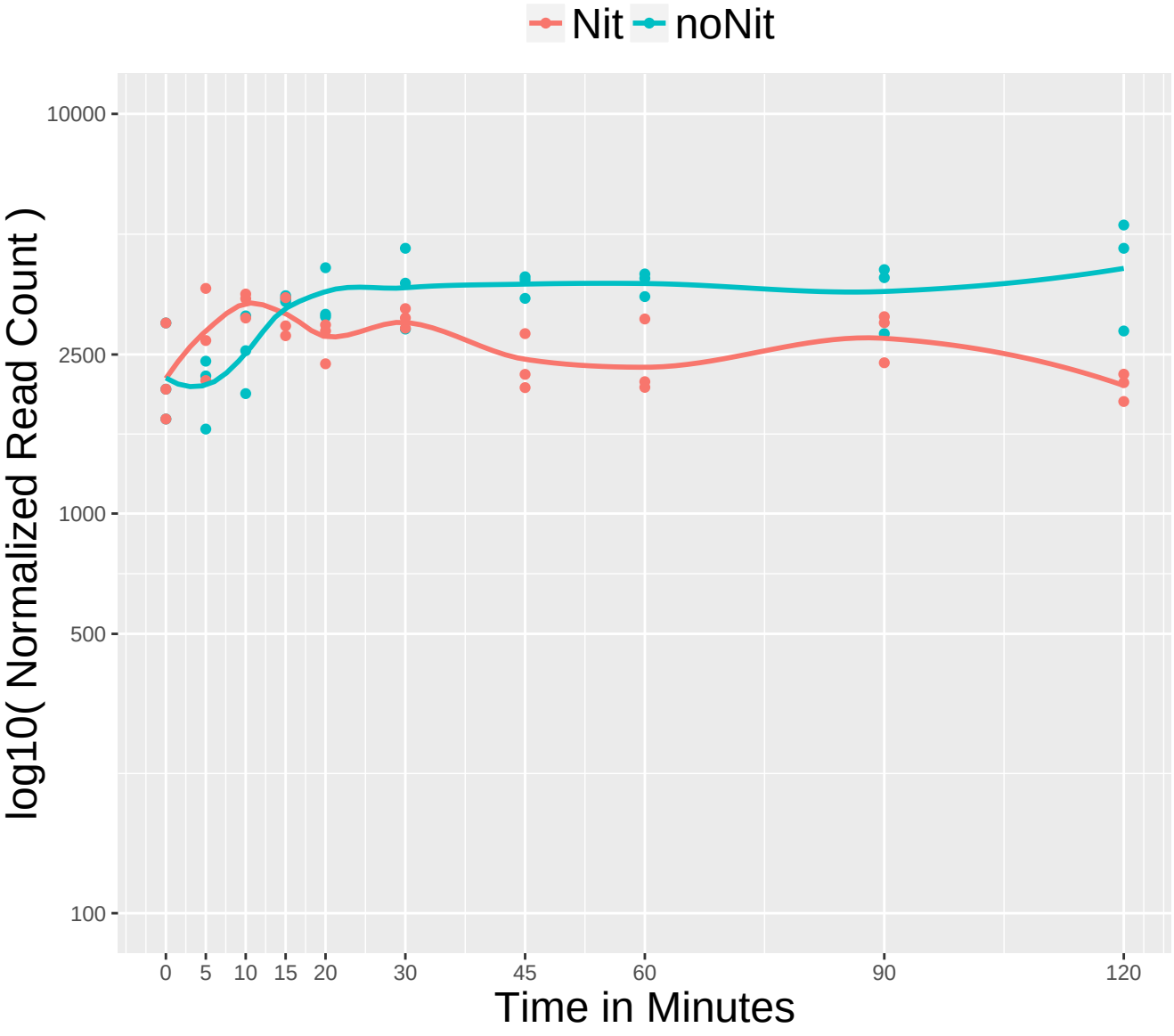
Time in Minutes

AT5G25930

Protein



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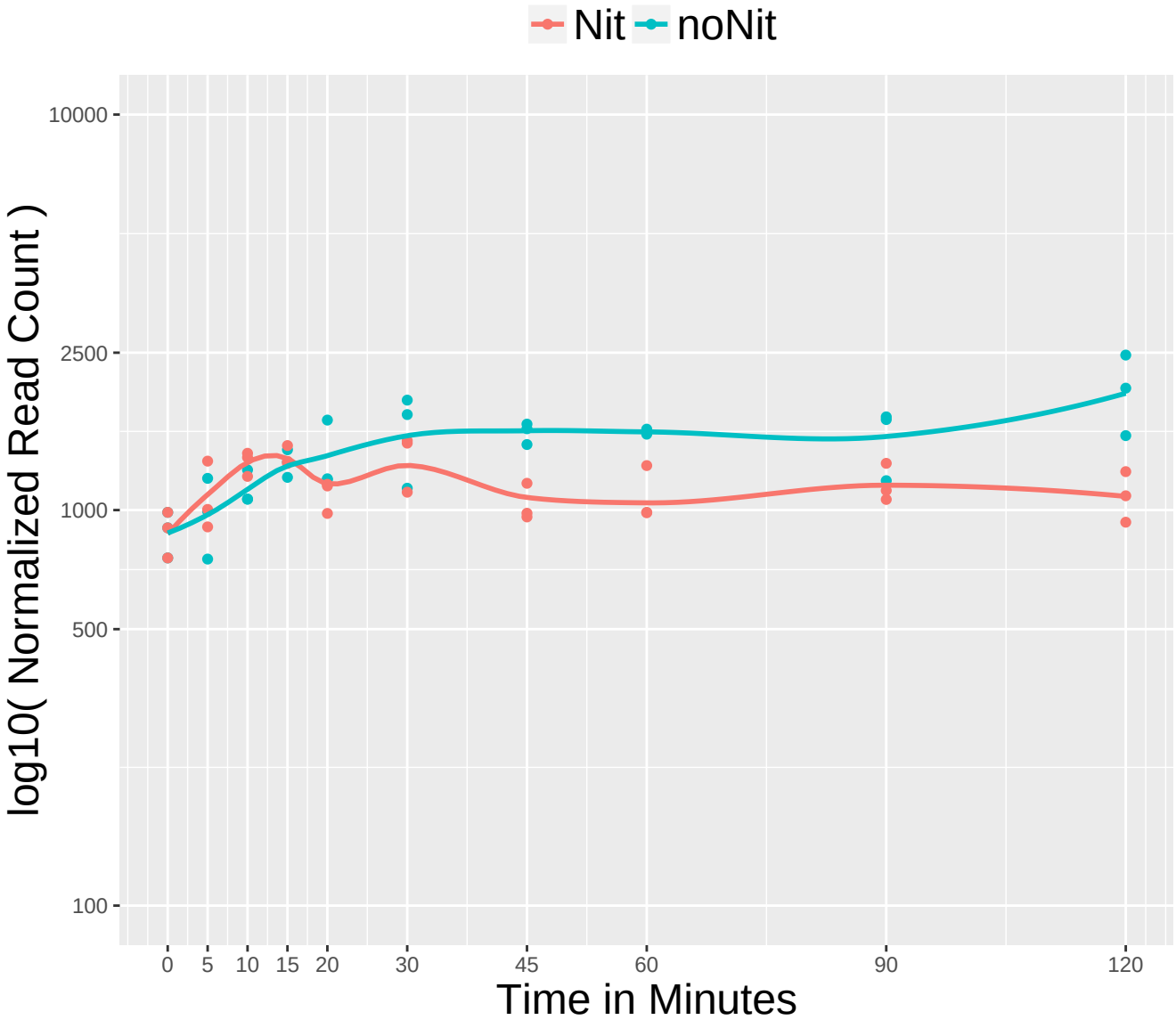
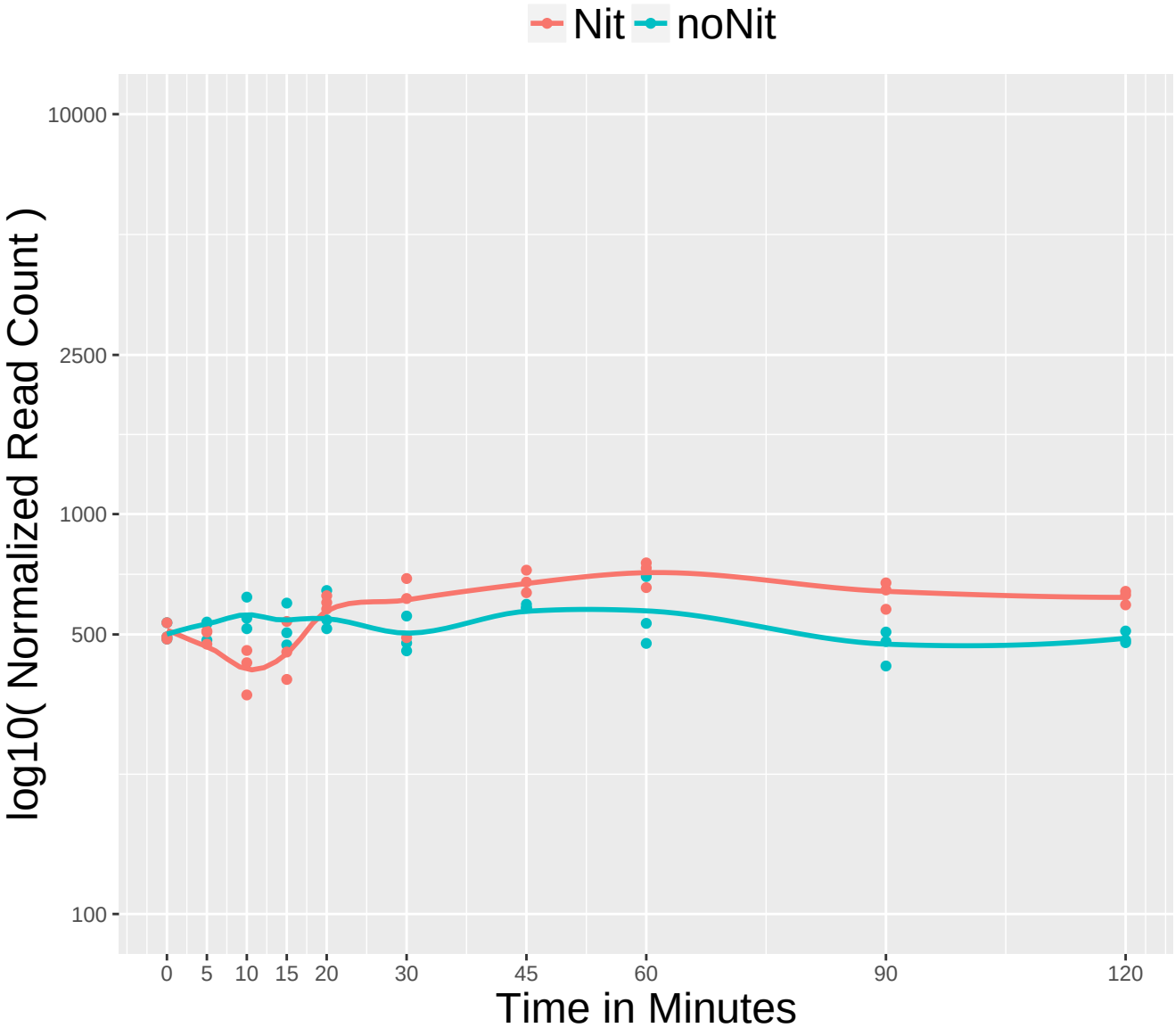


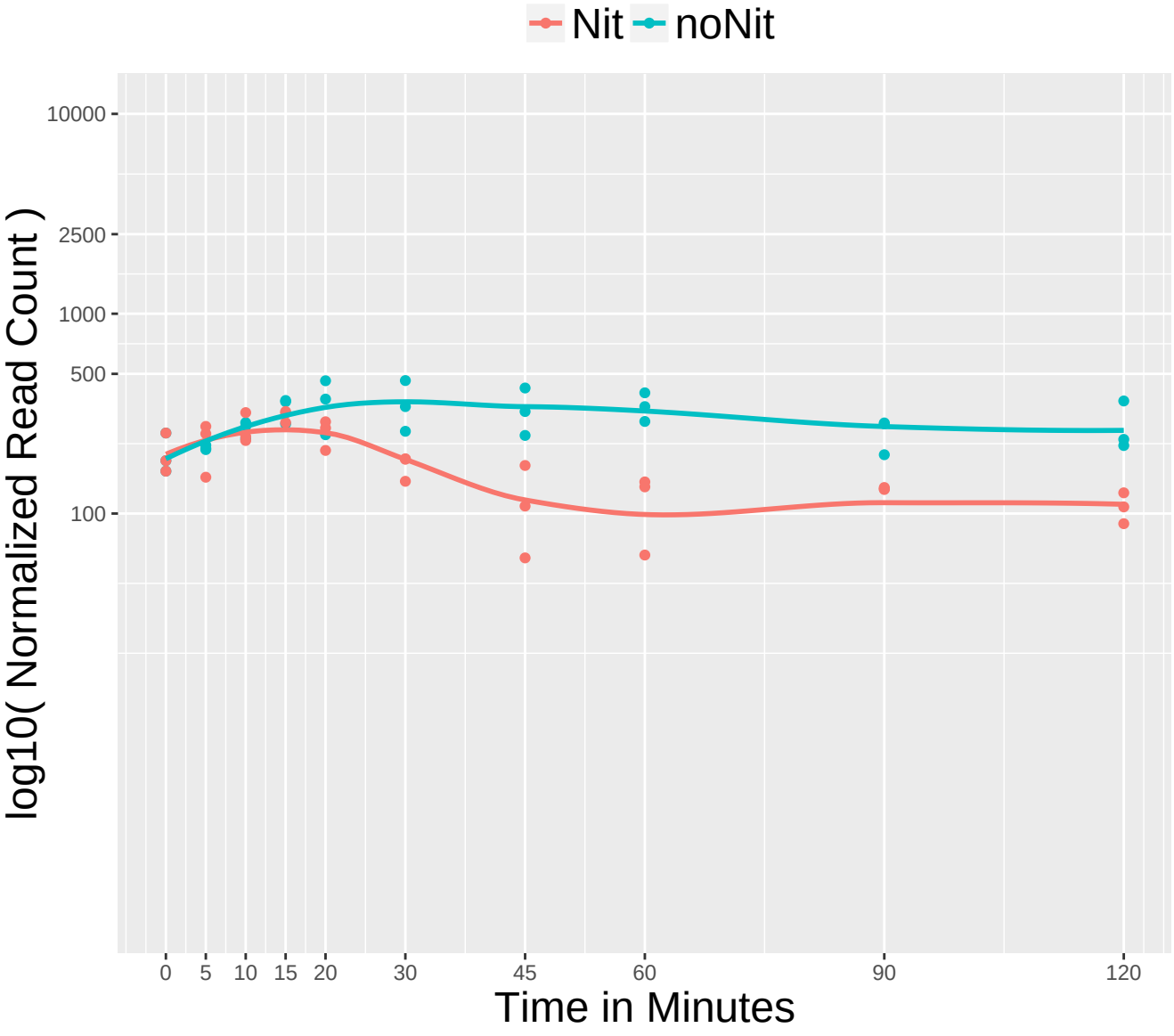
AT5G40880

WD−40



AT5G41550

Disease



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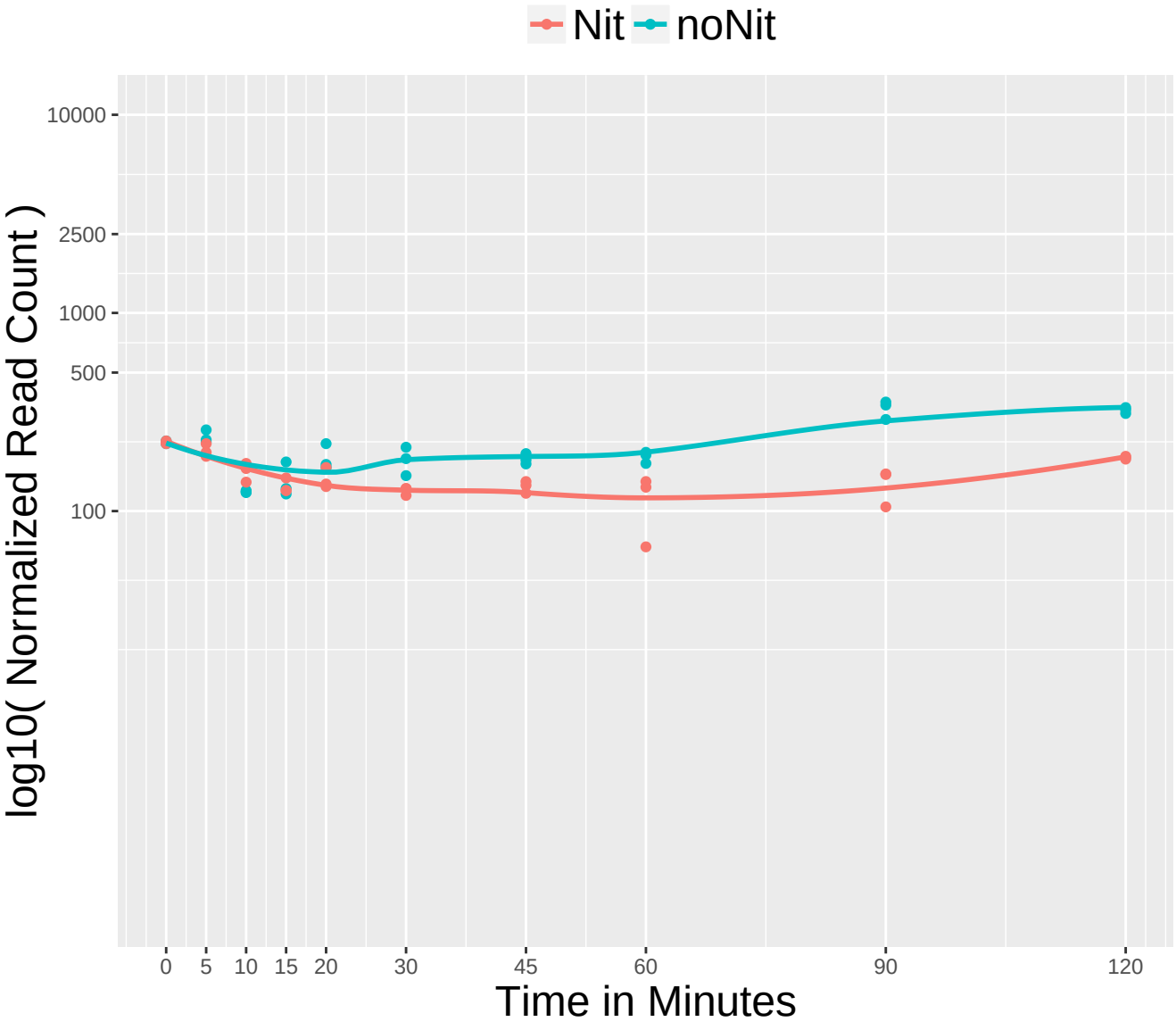

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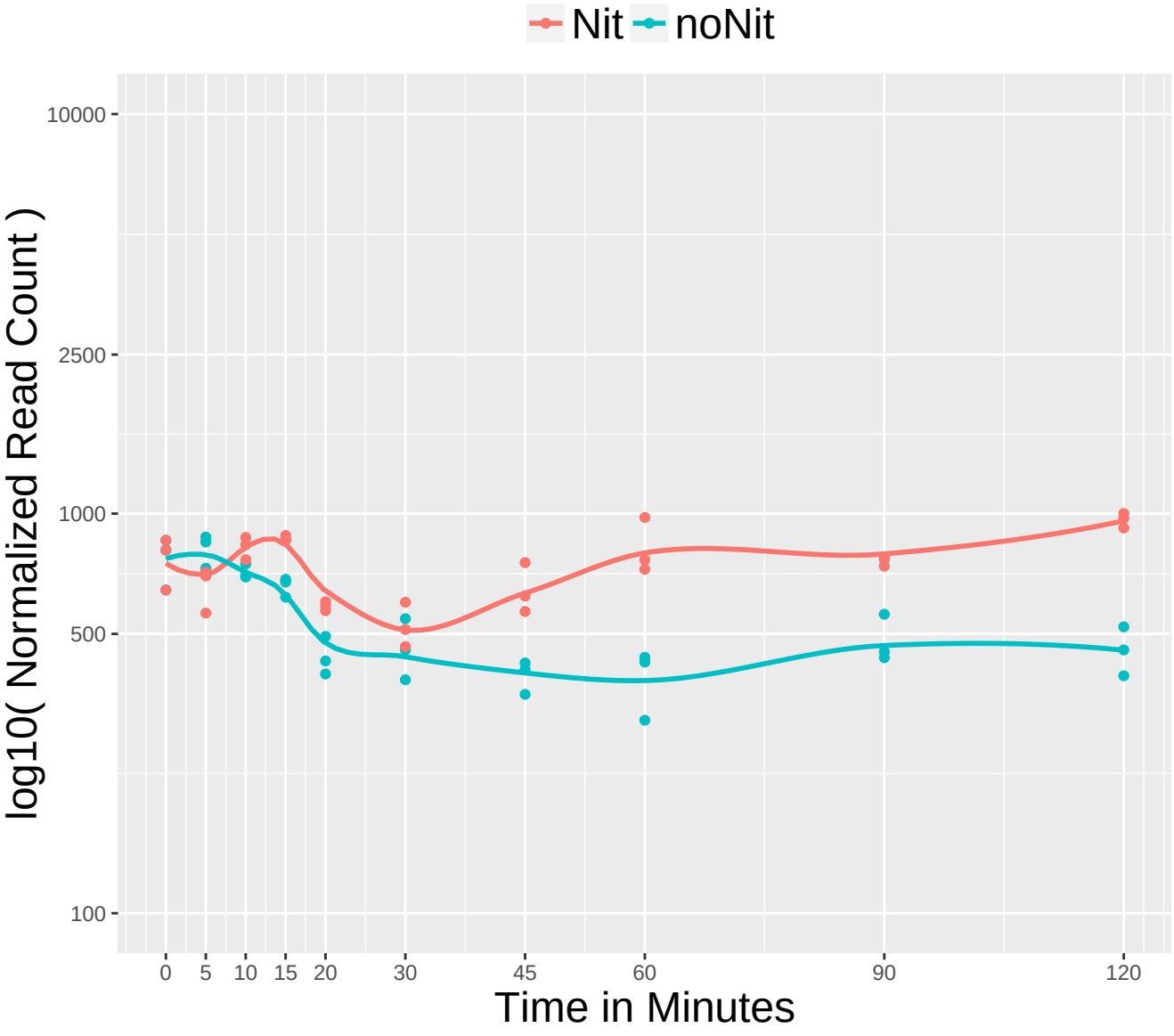
VASCULAR−RELATED



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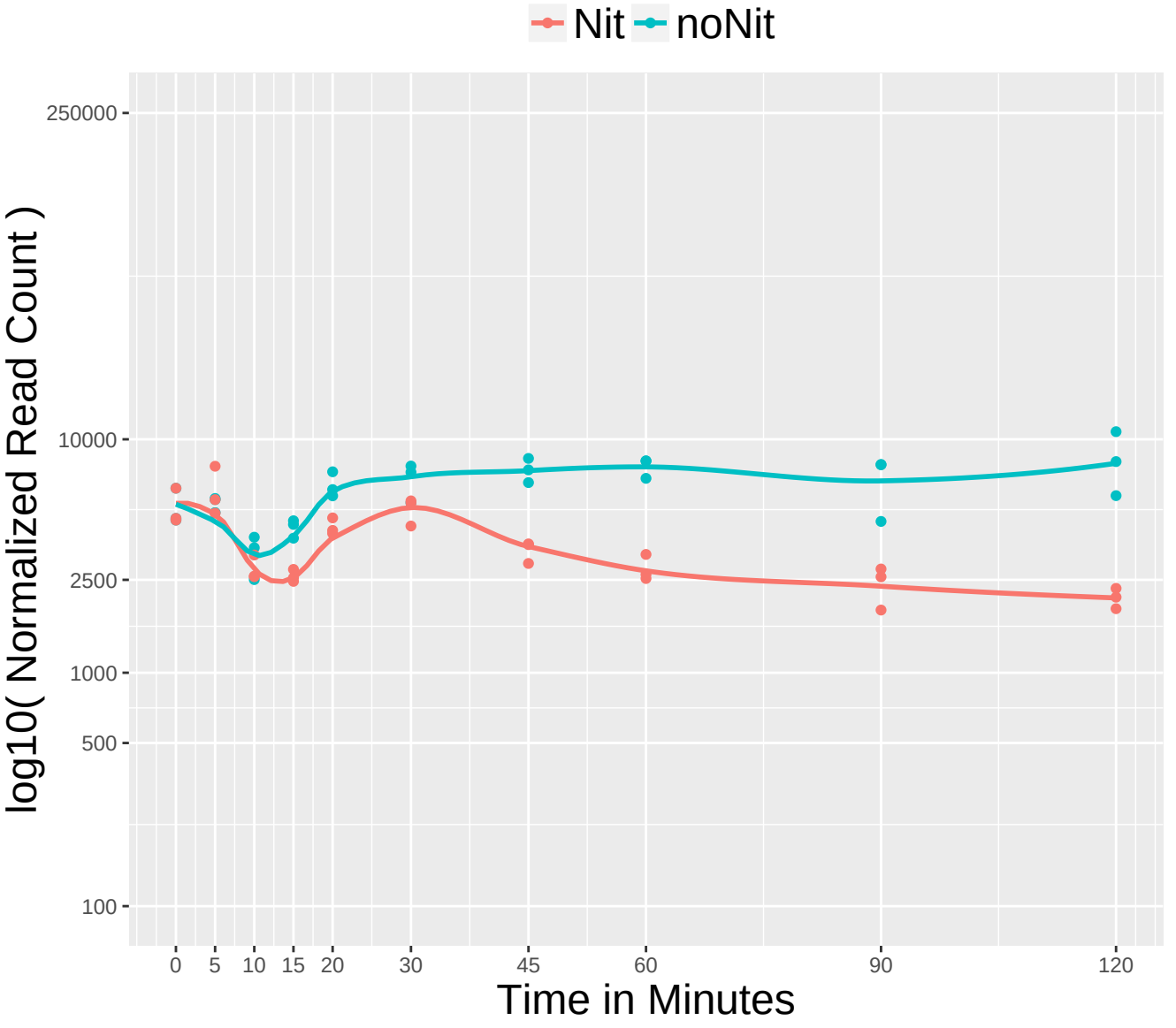
Protein



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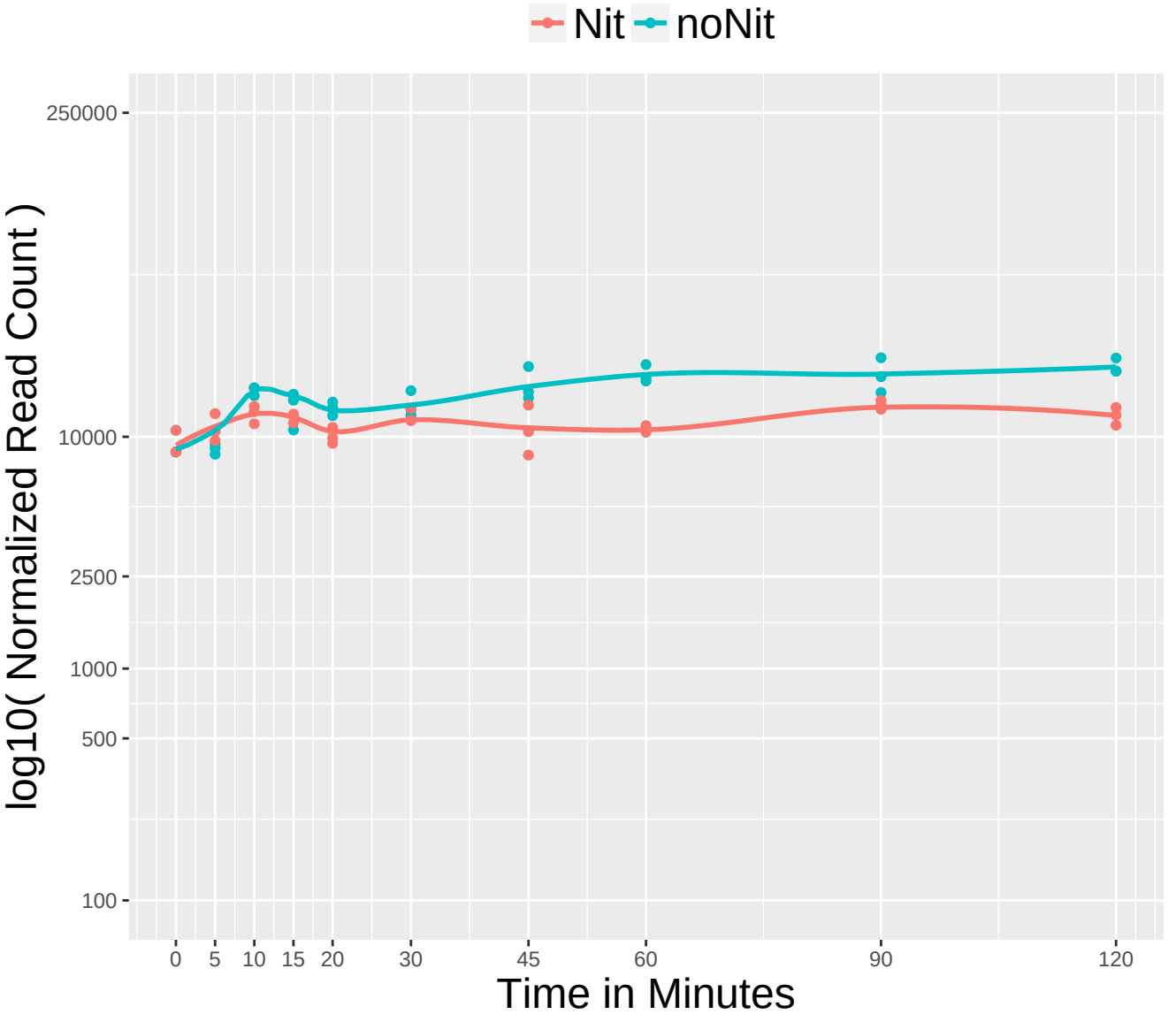
ATCAT3,,CAT3,catalase



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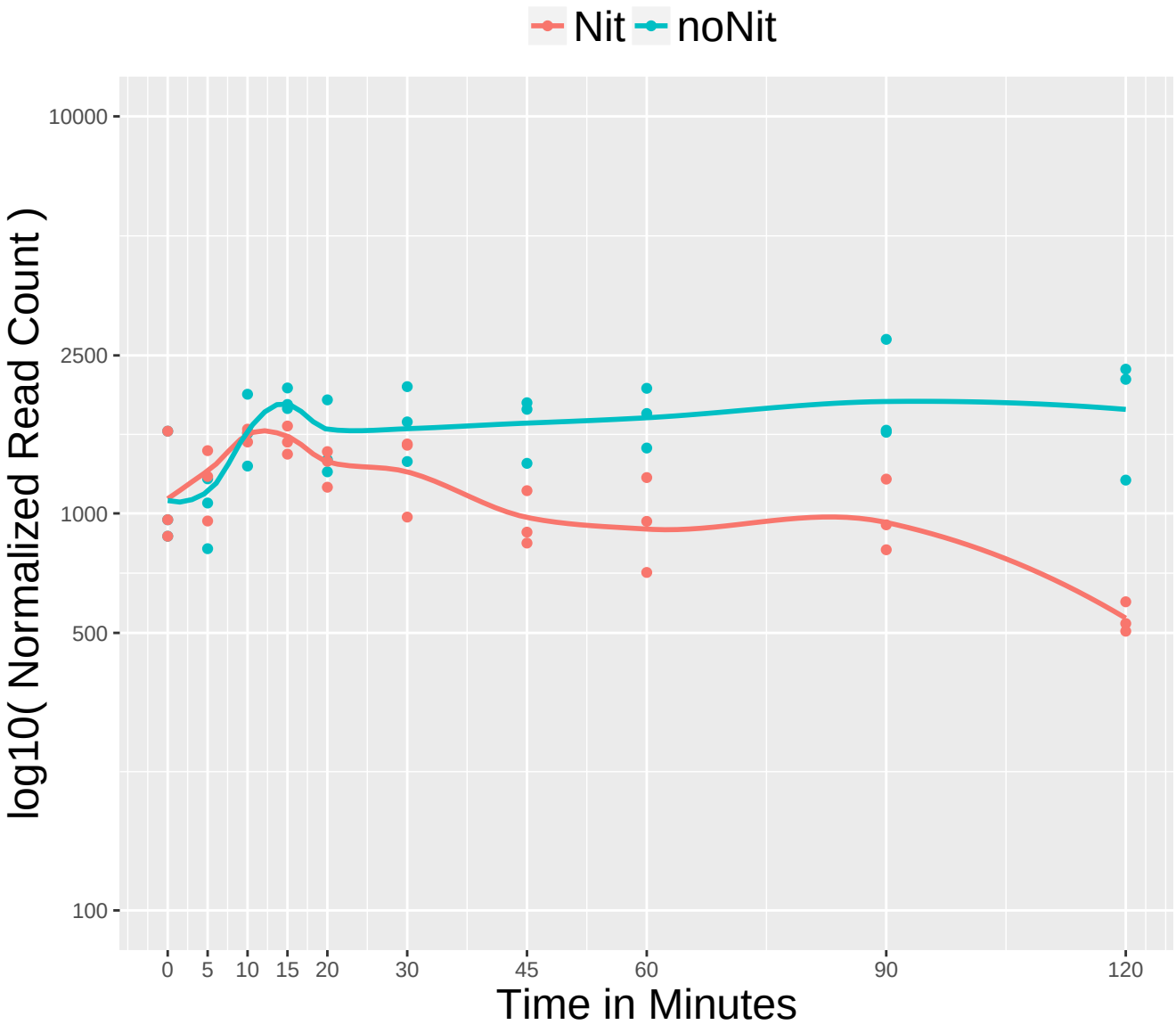

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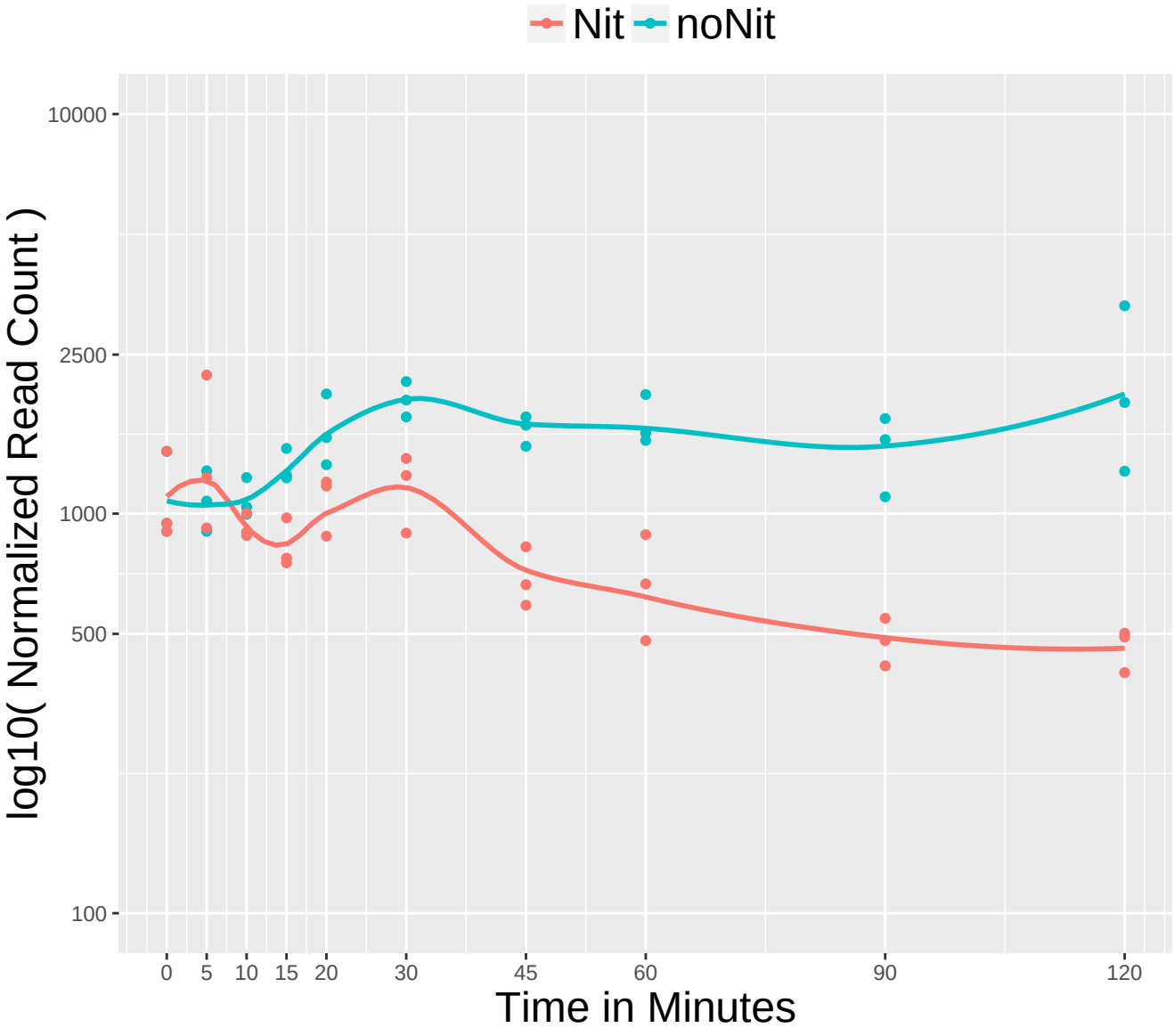

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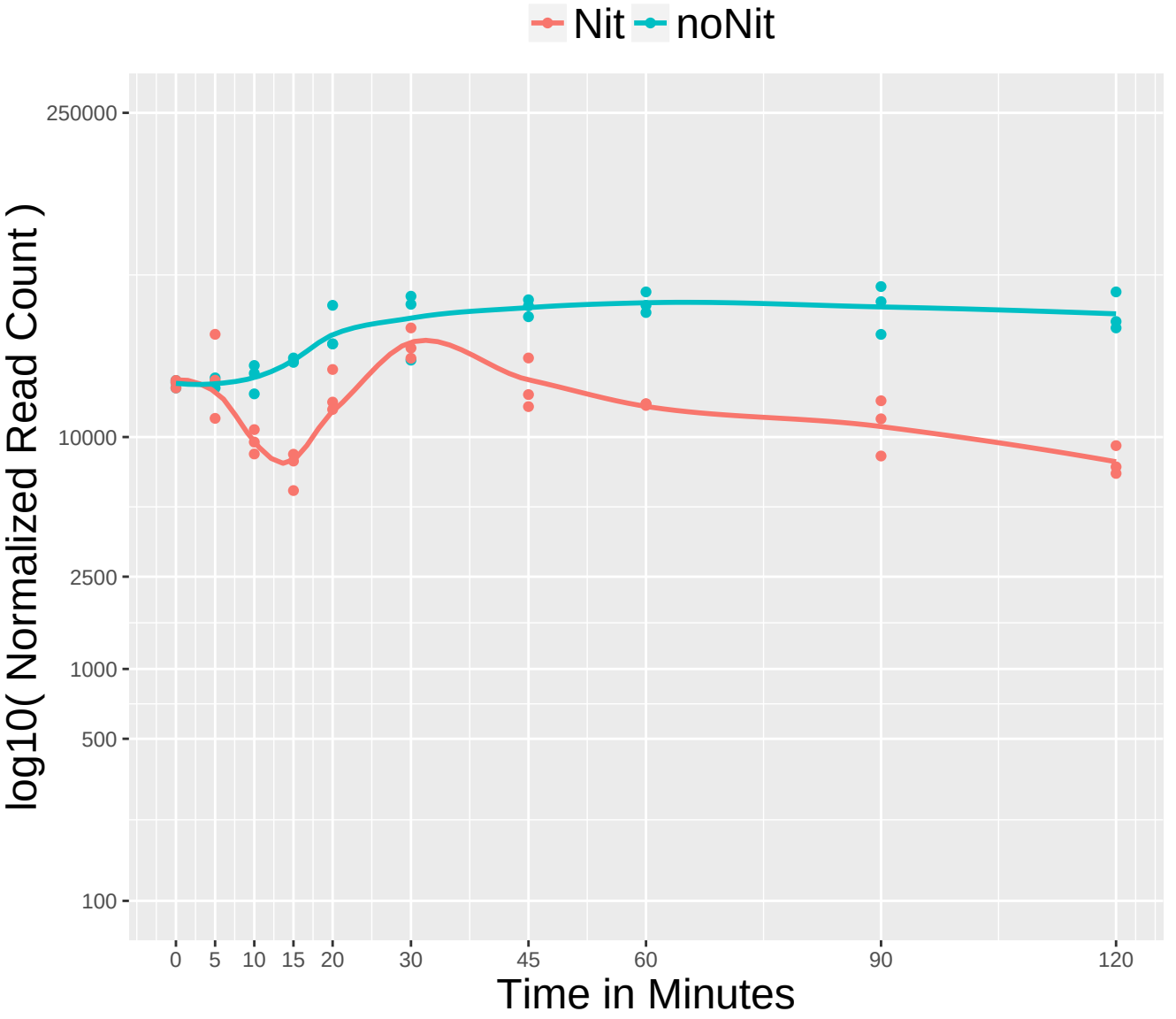

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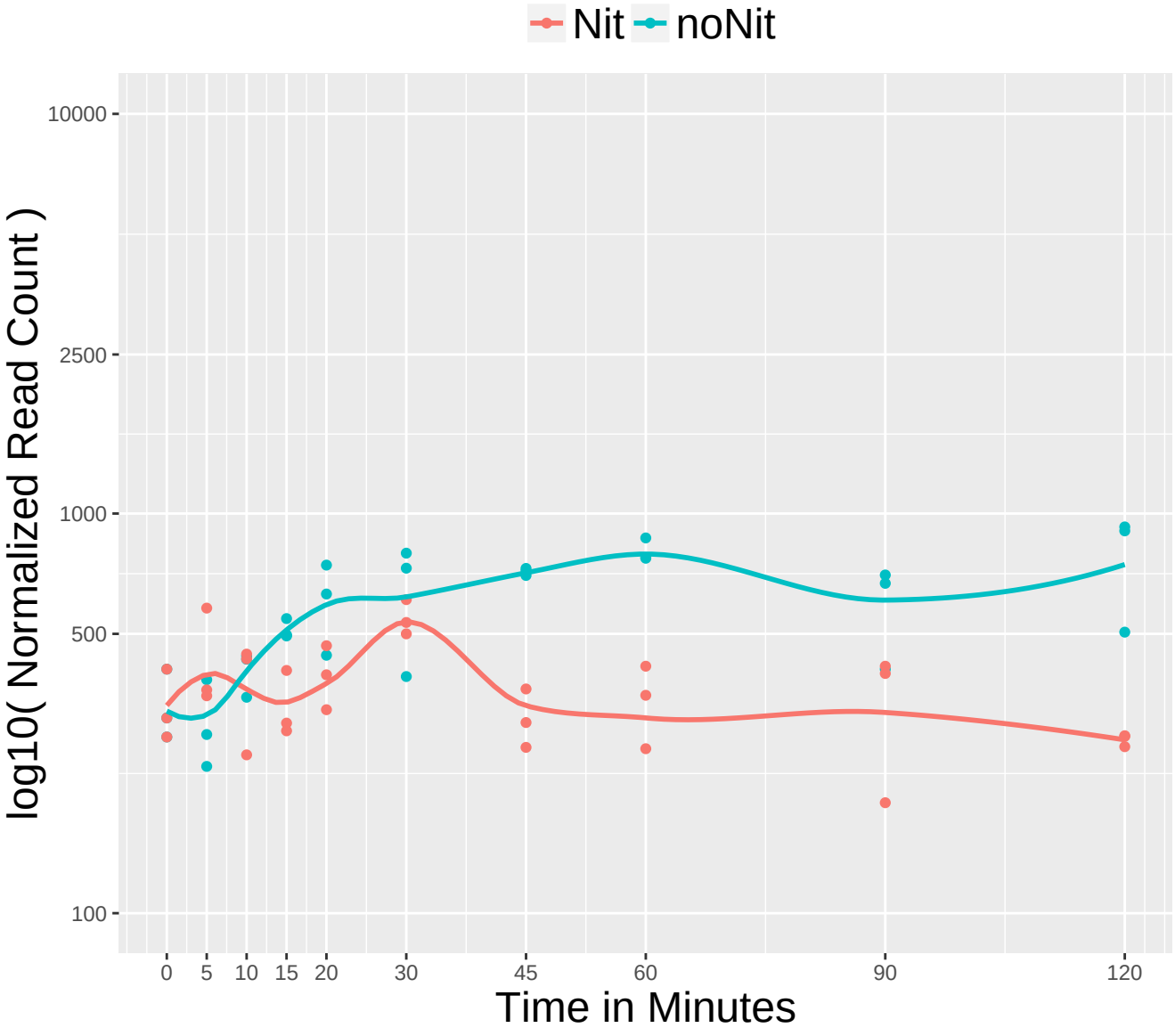
Protein



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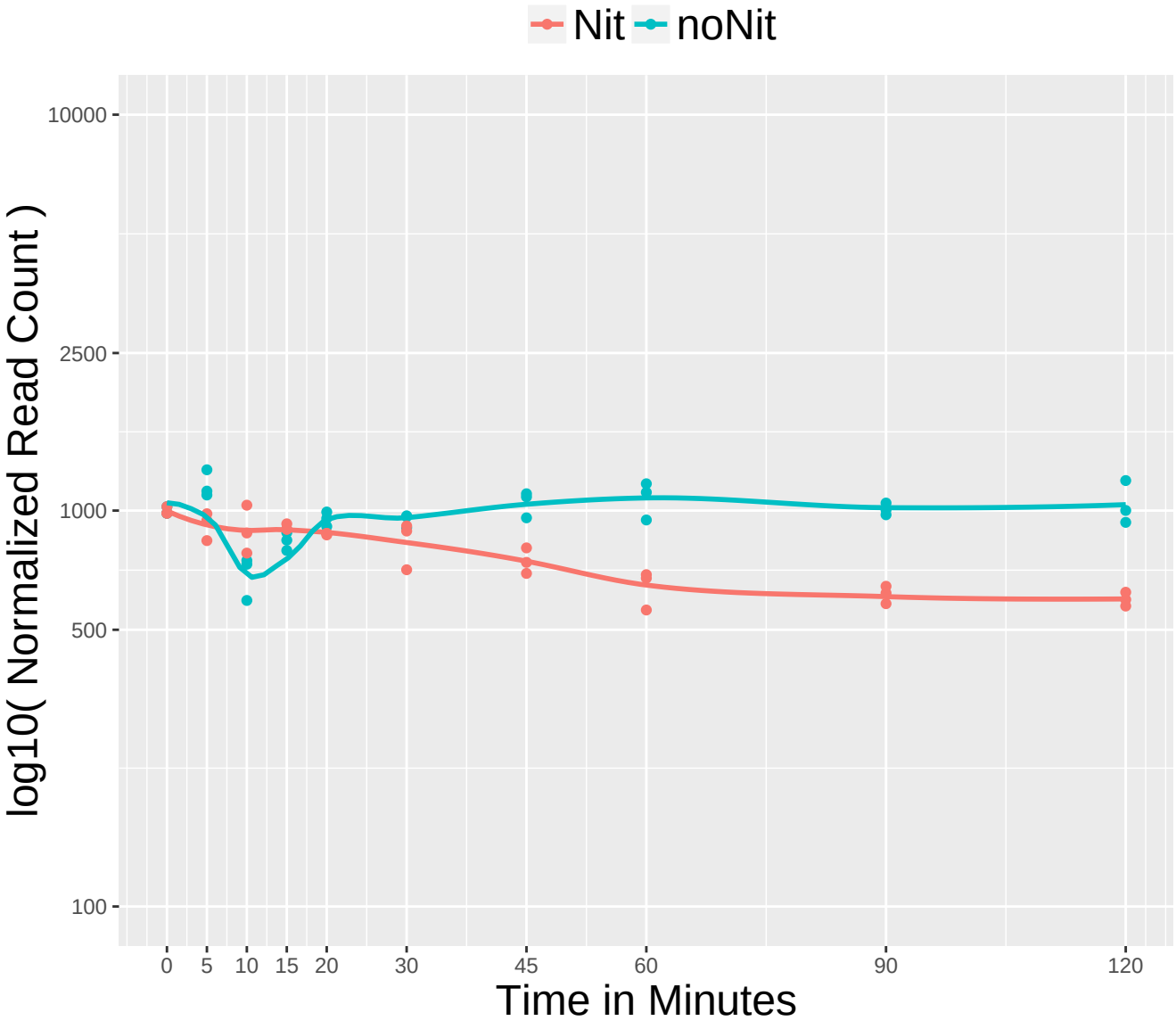
Squamosa



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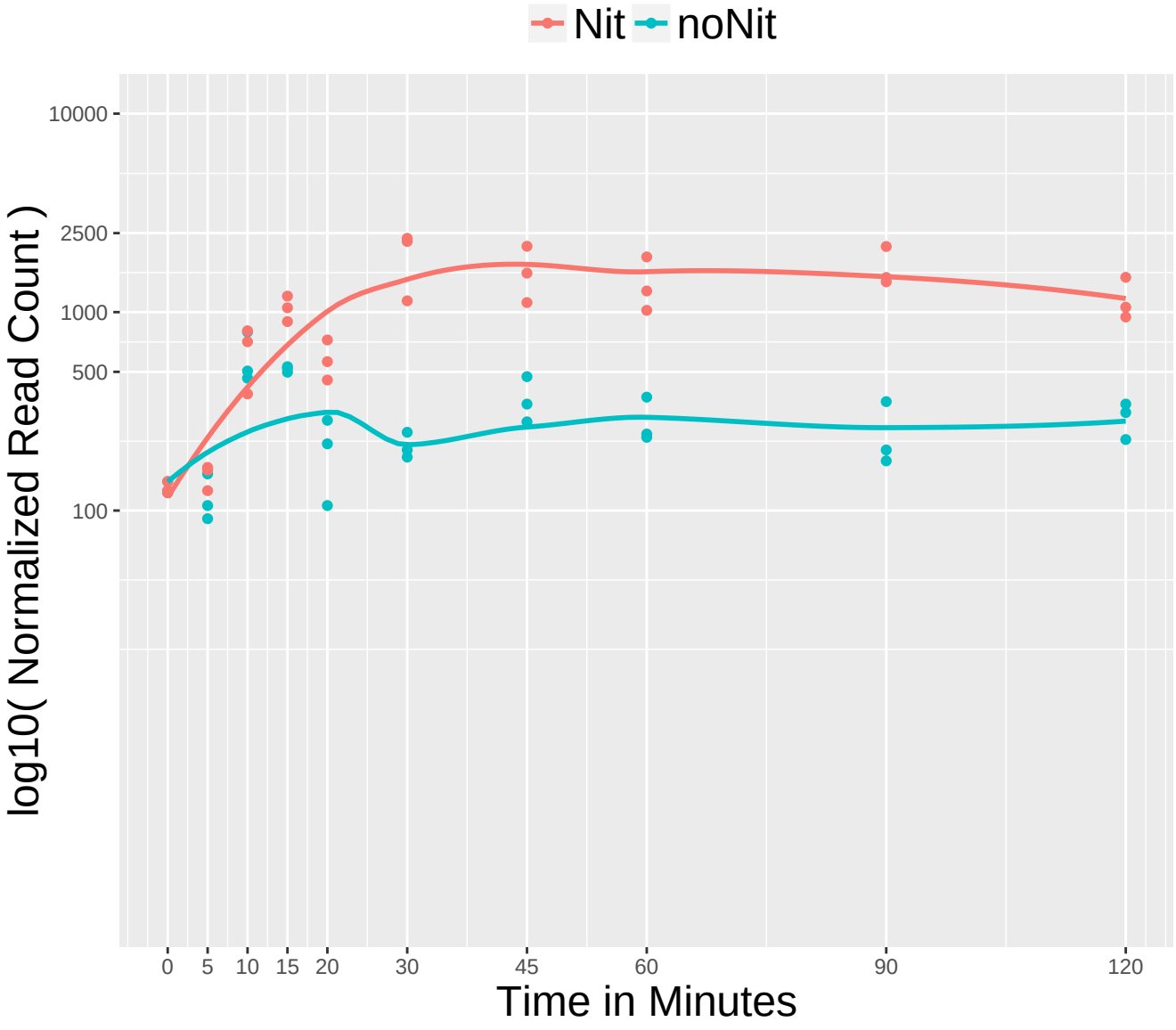

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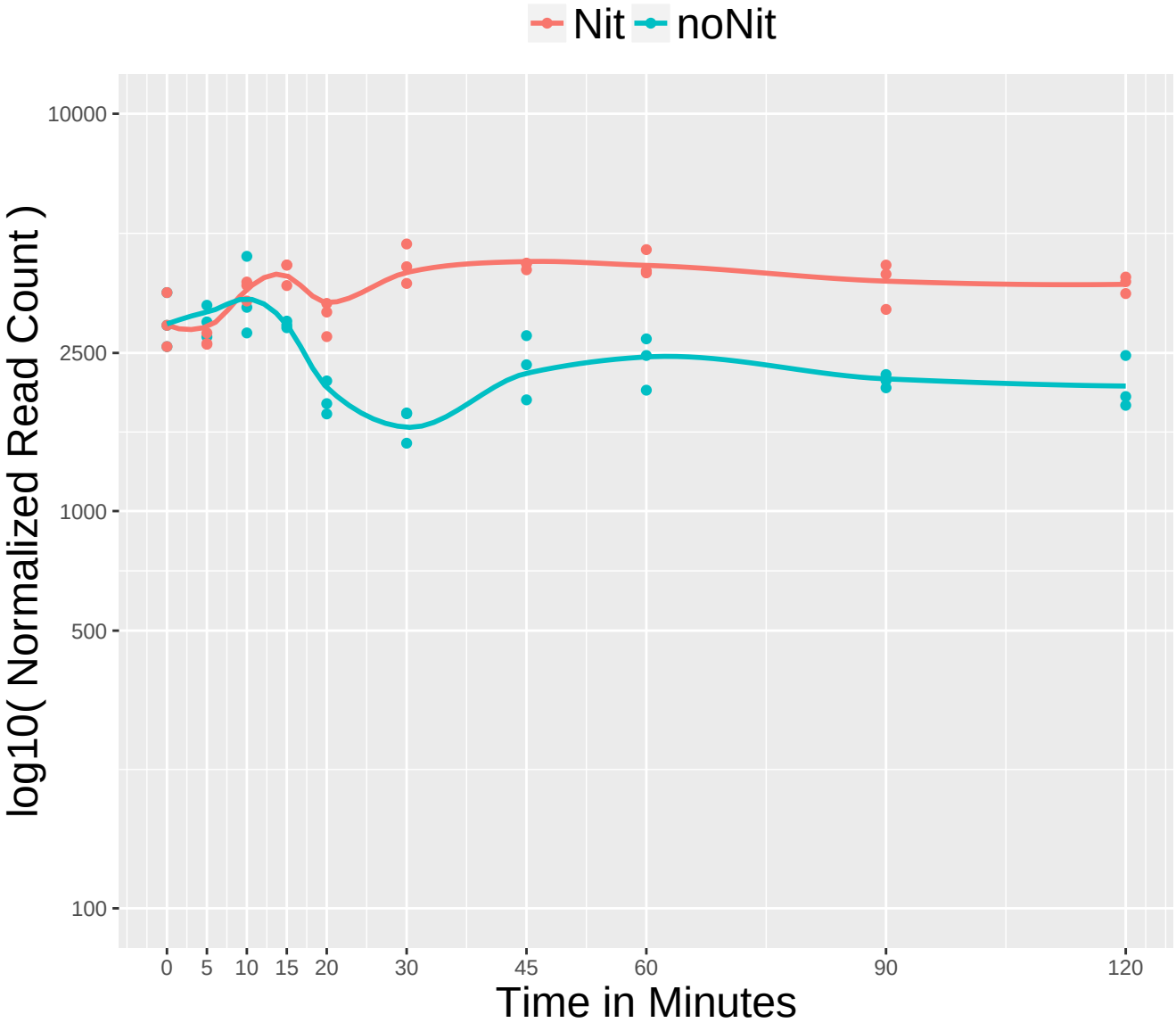

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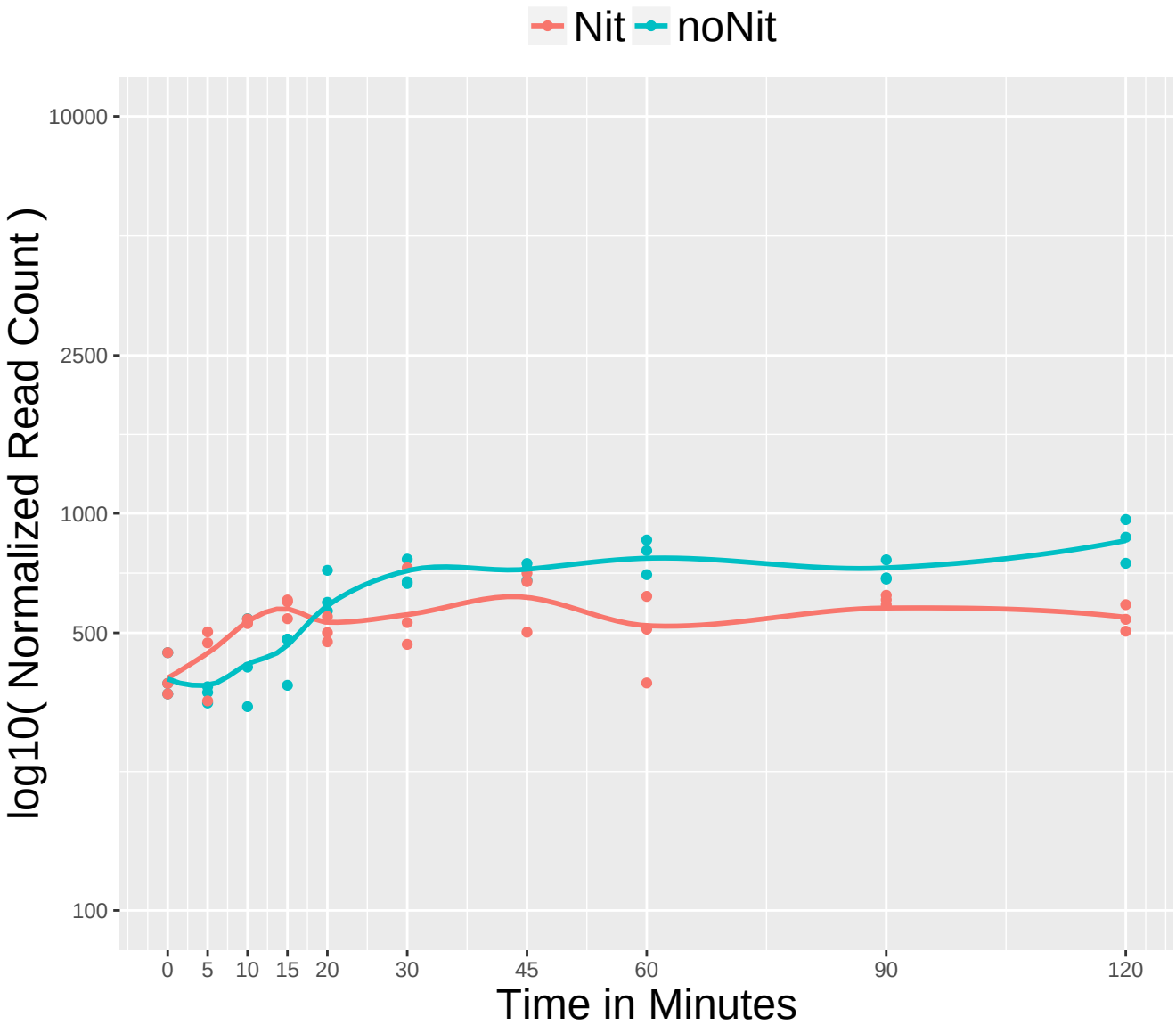

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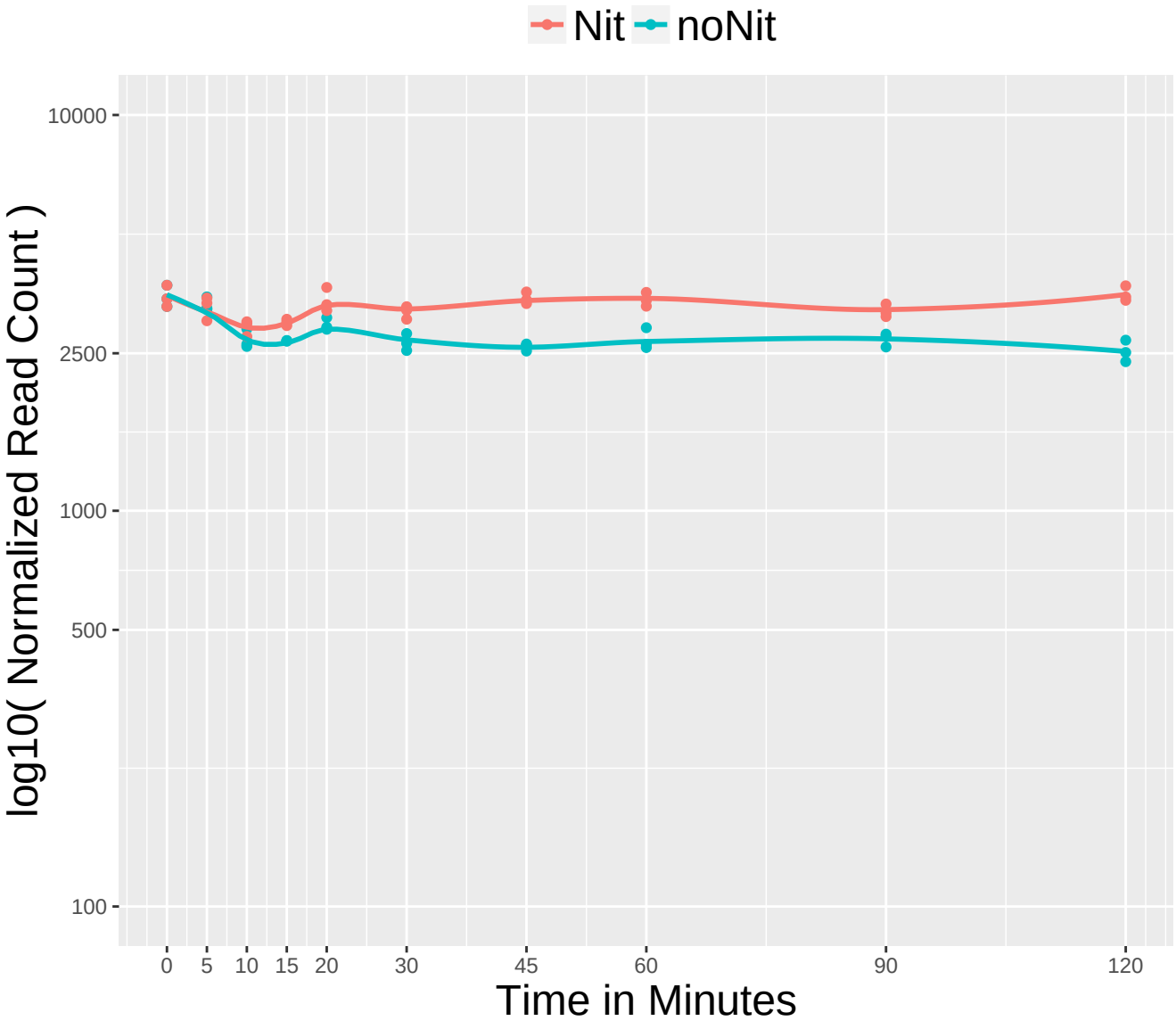

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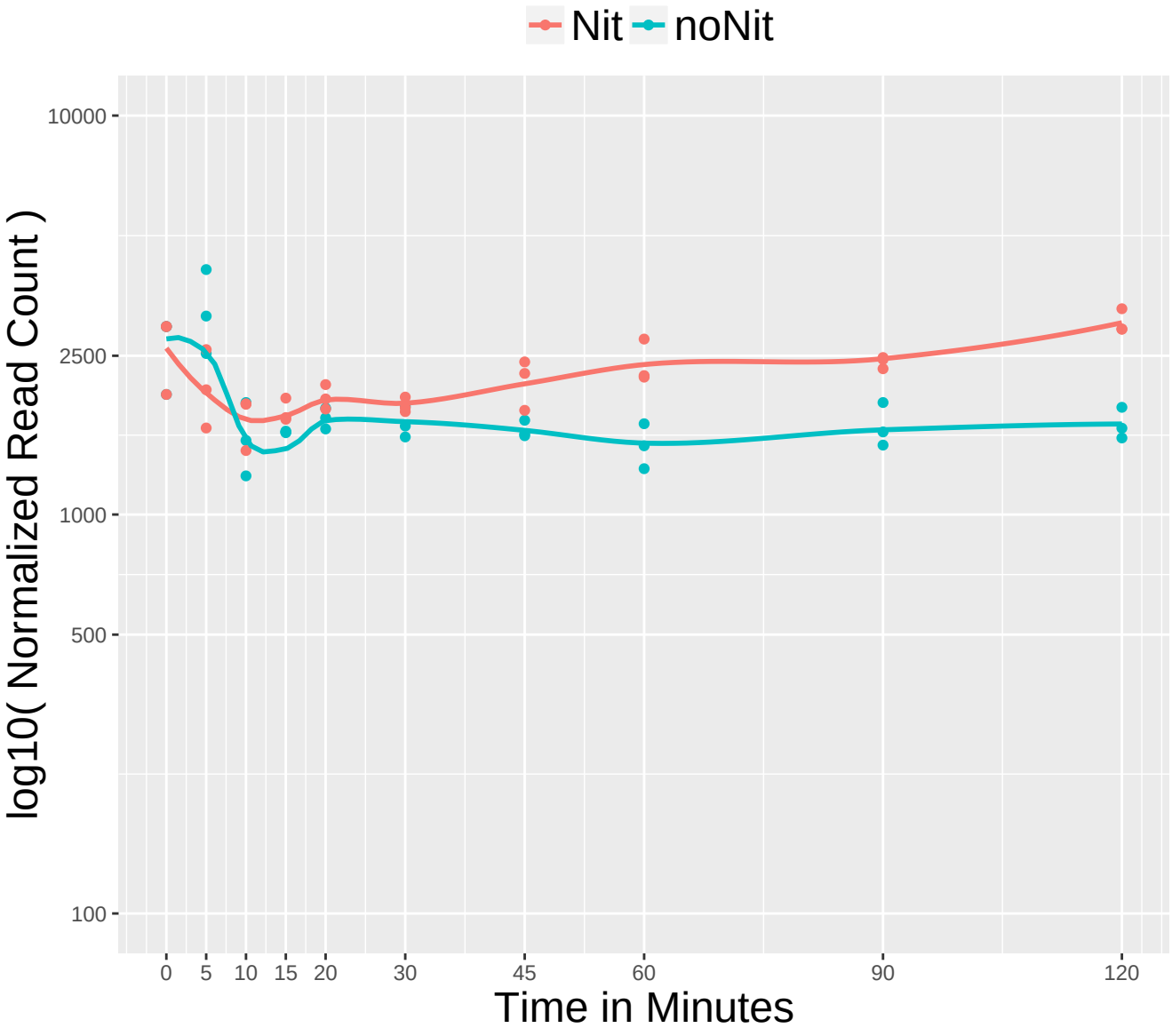
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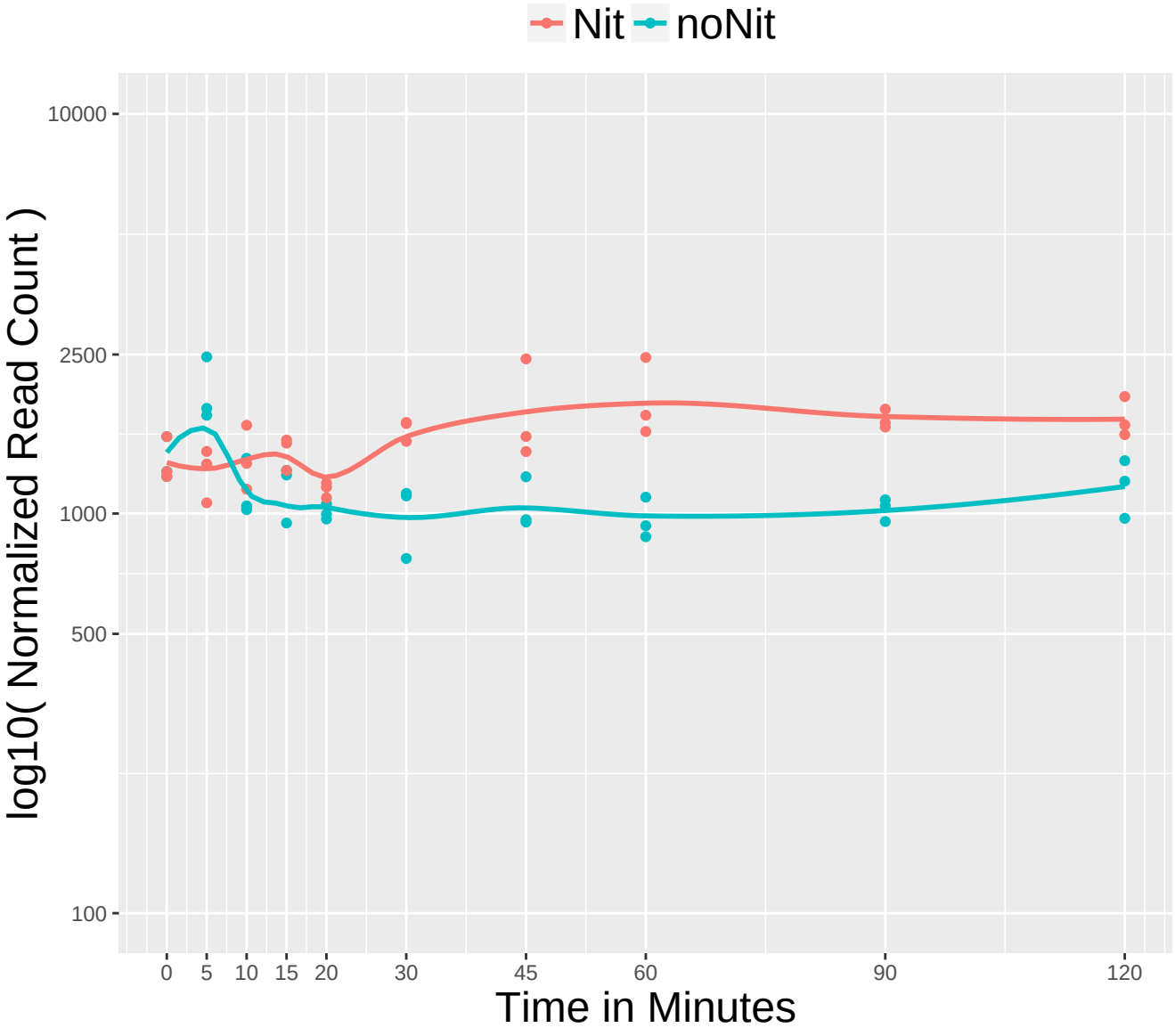
Protein



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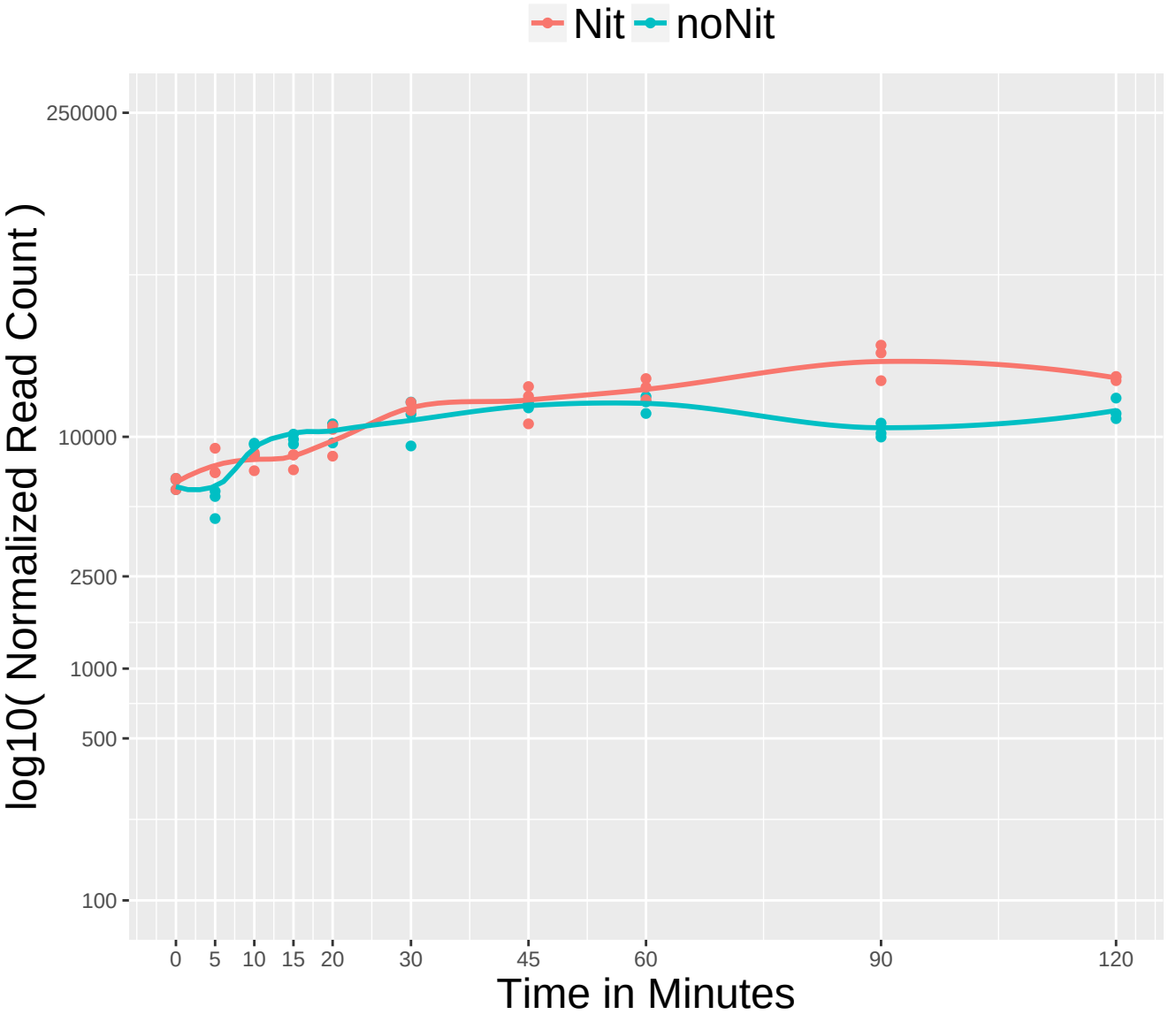

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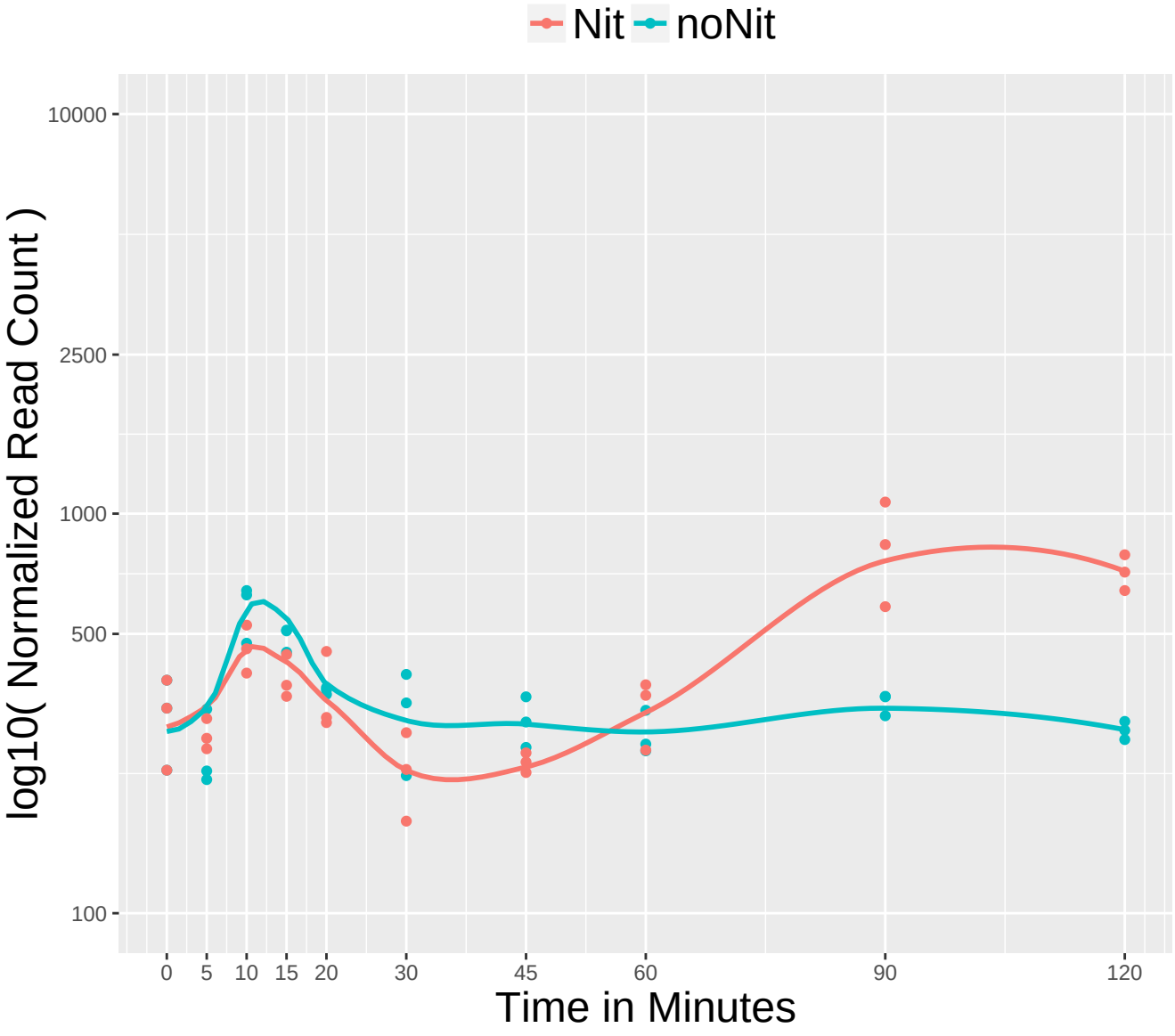

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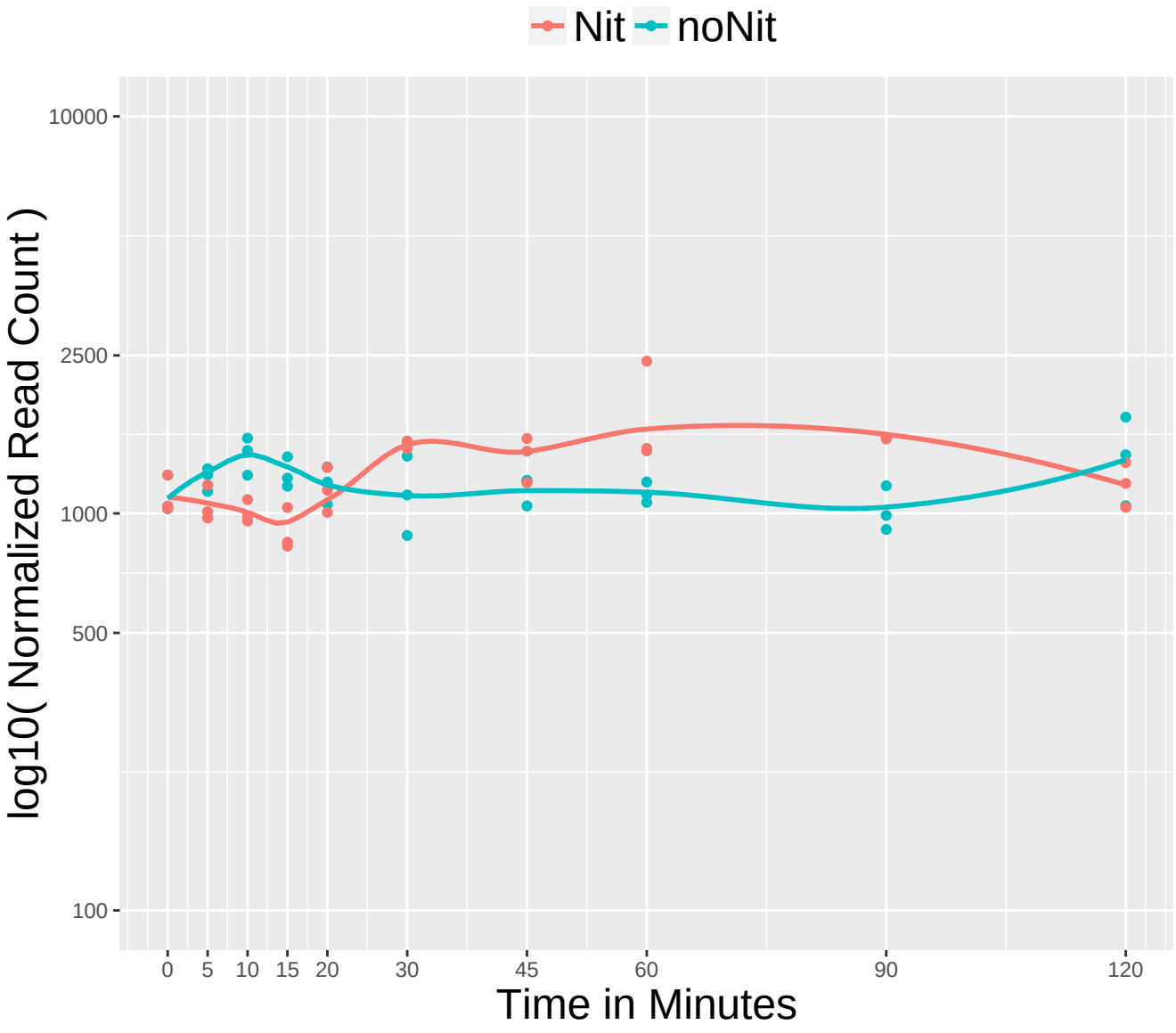

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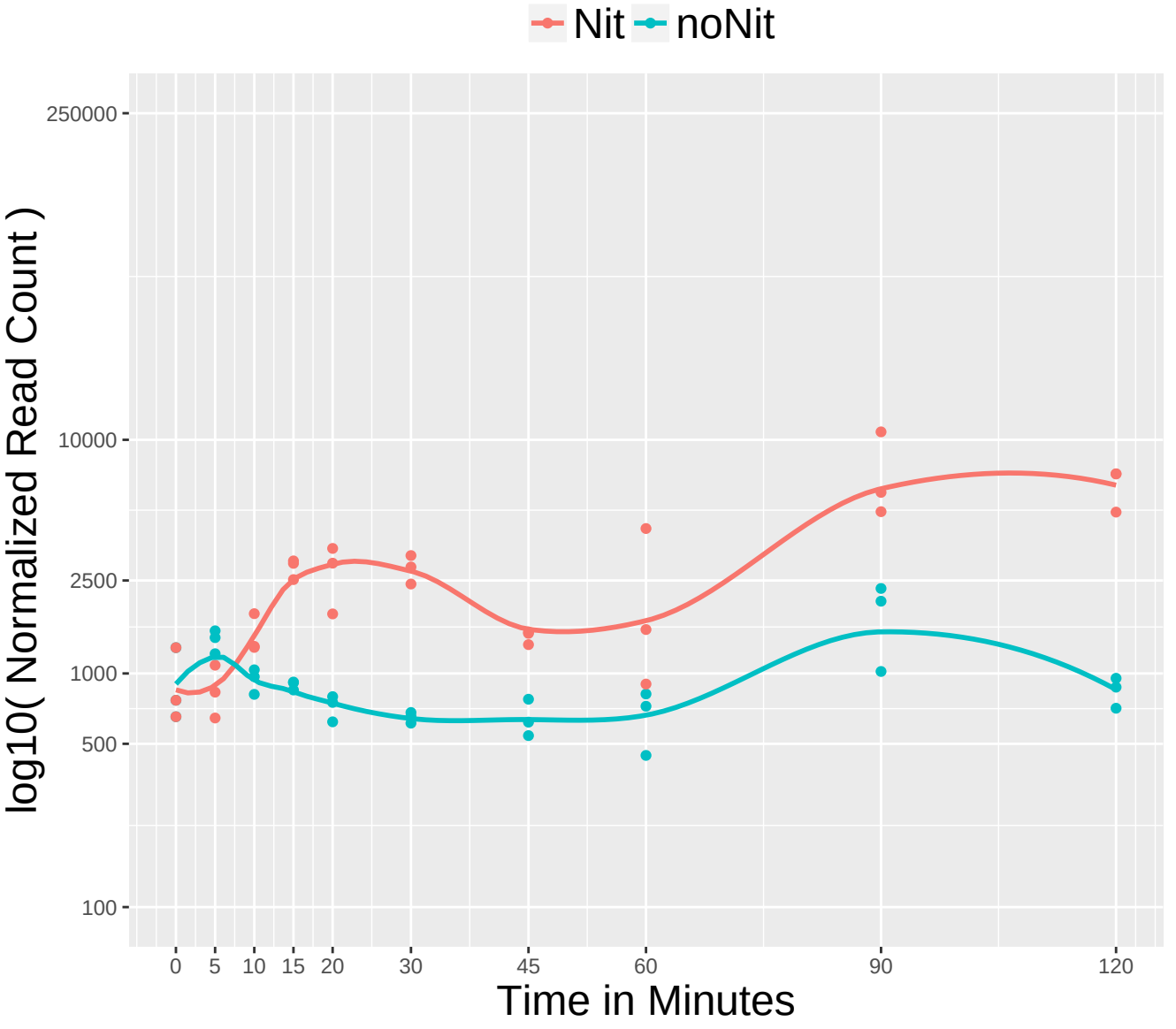
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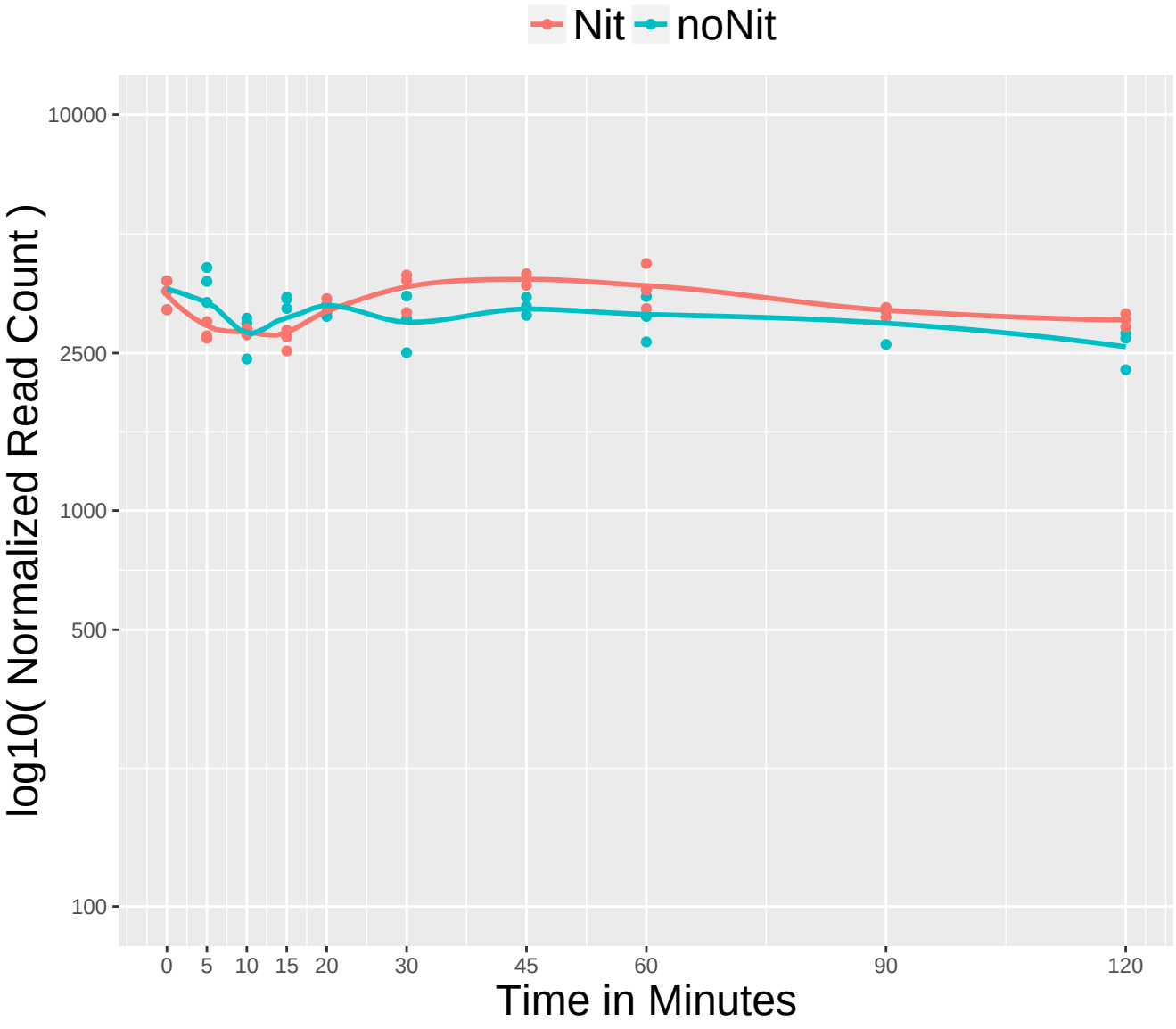
AT5G42620

metalloendopeptidases;zinc



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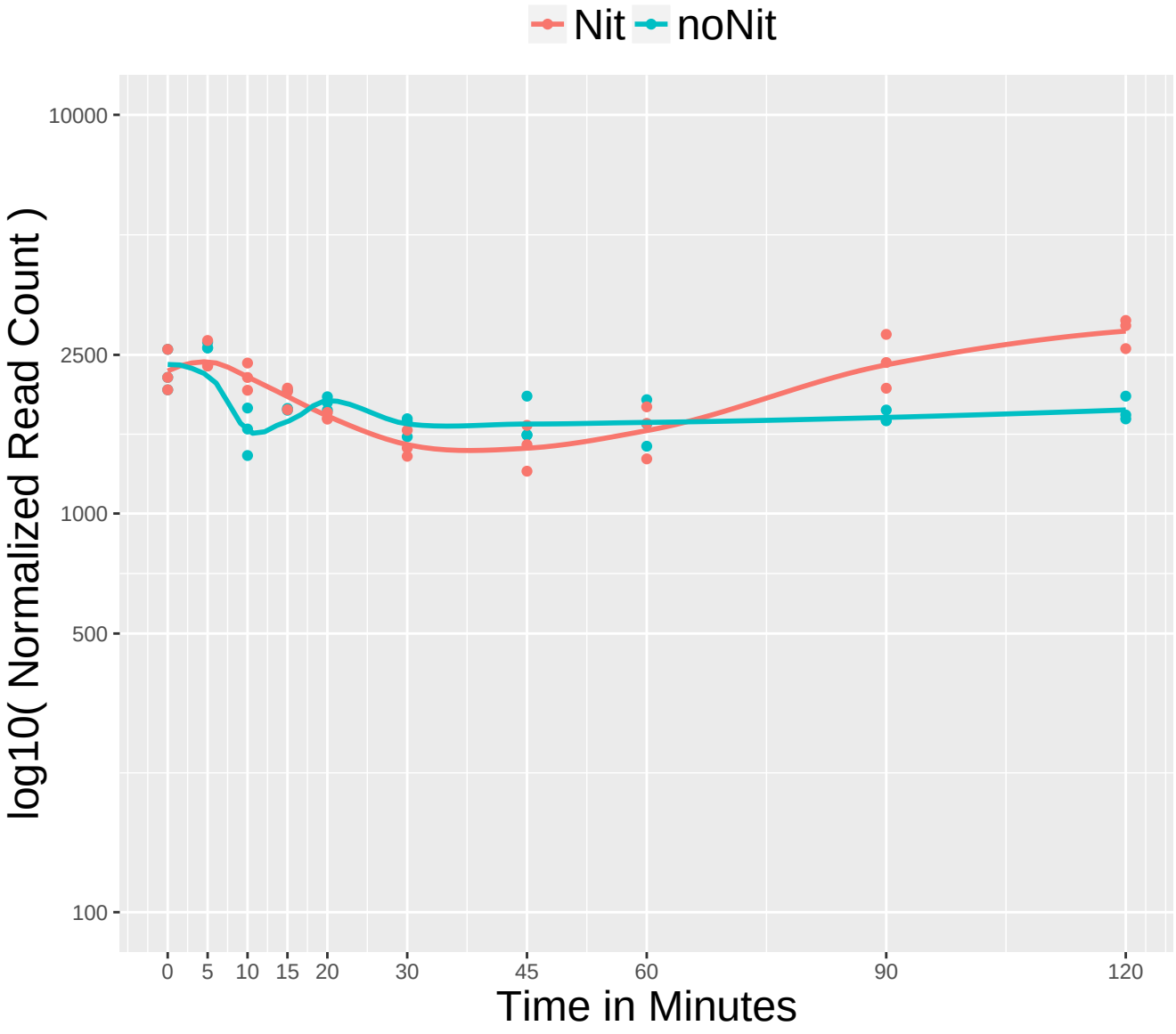

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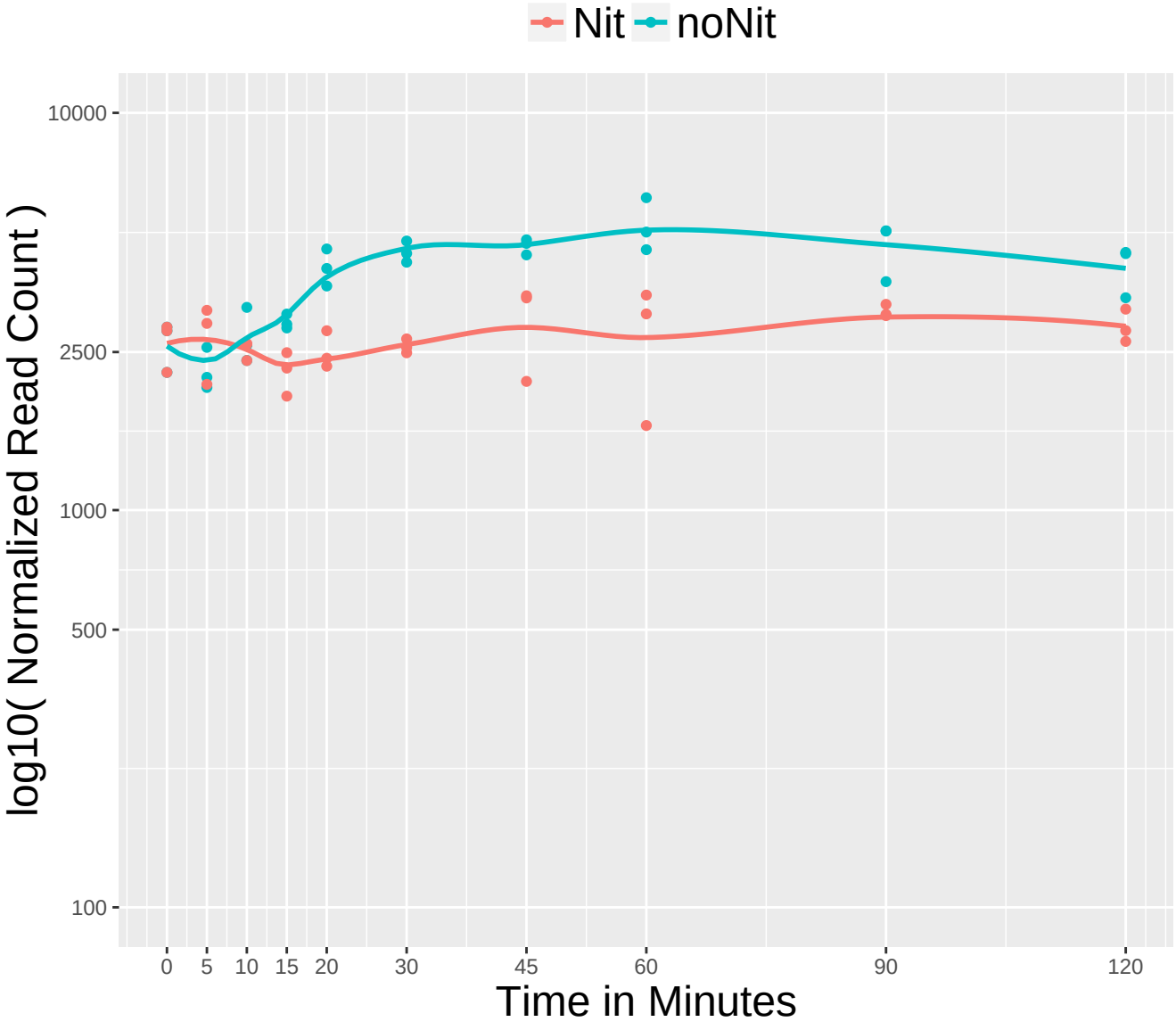
SKM2,STERILITY−REGULATING



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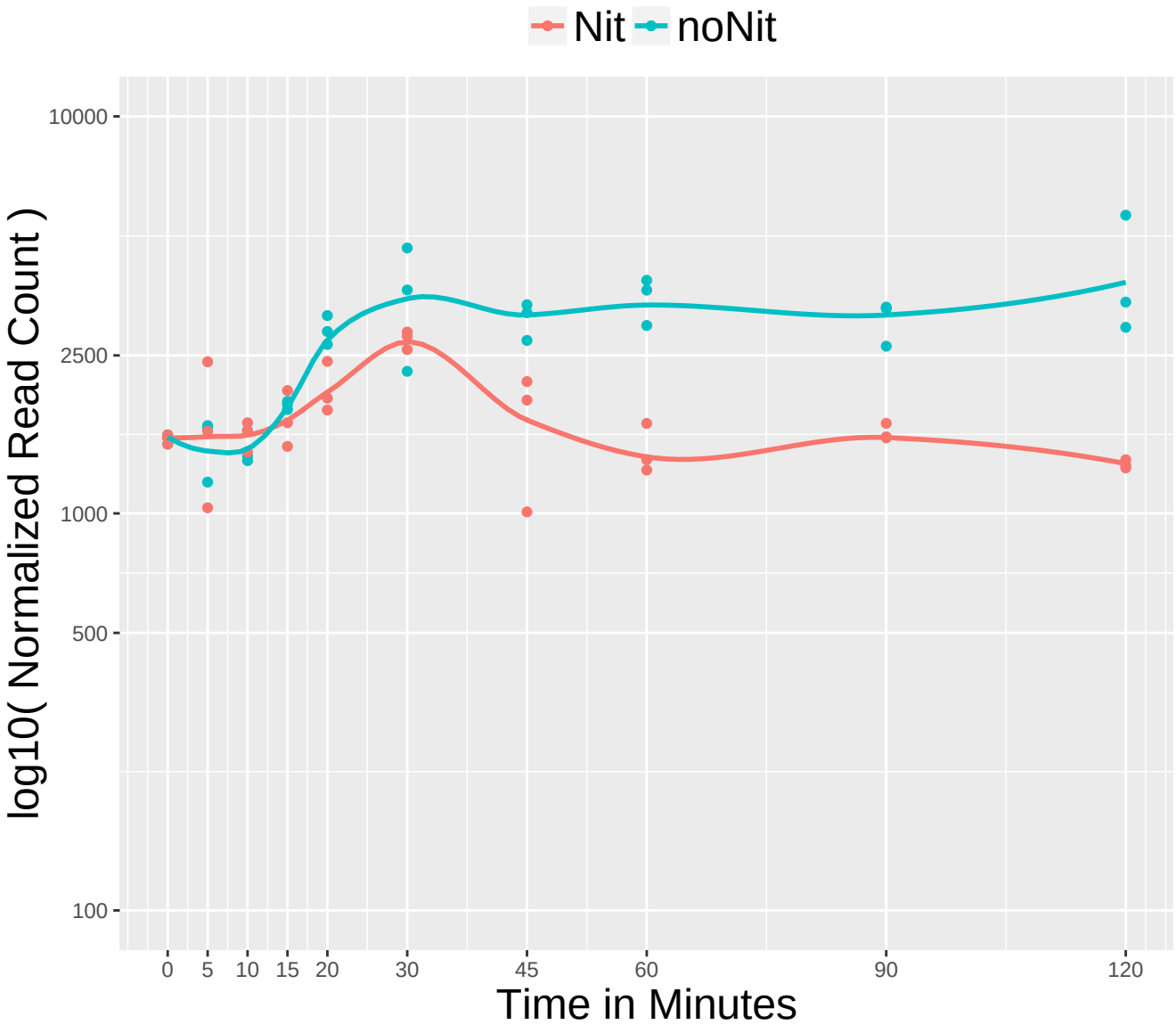
ACA.I,autoinhibited



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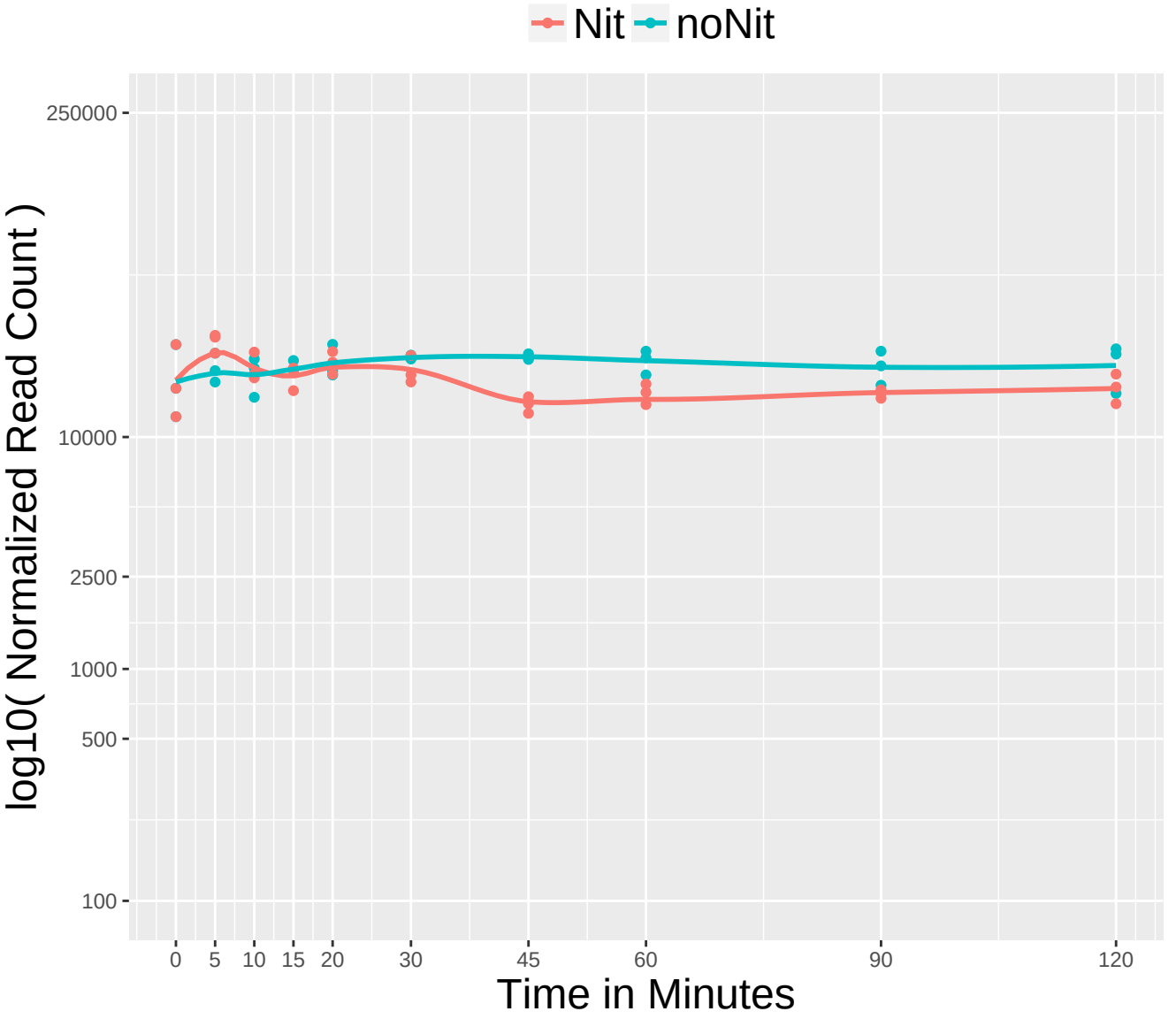

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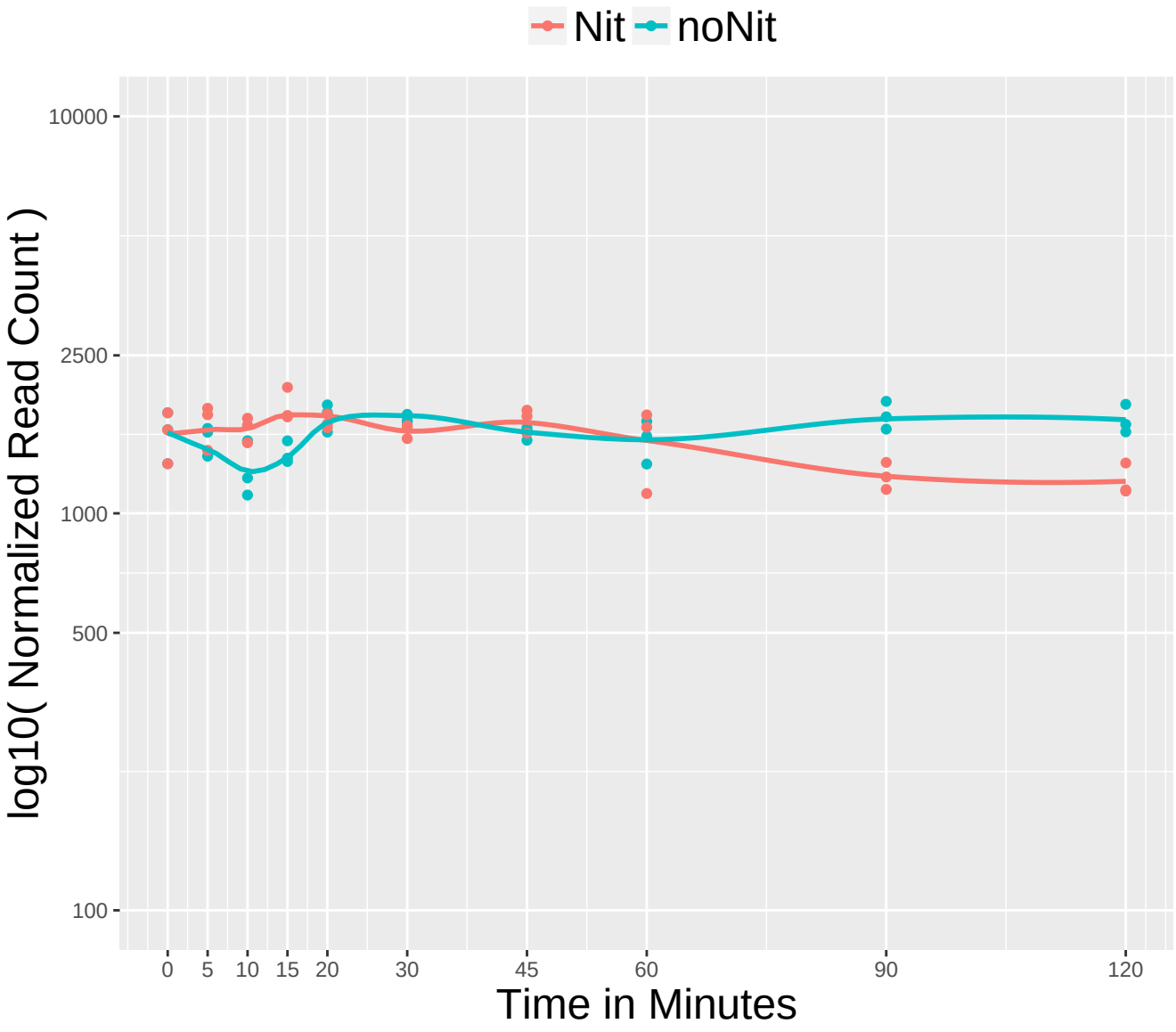

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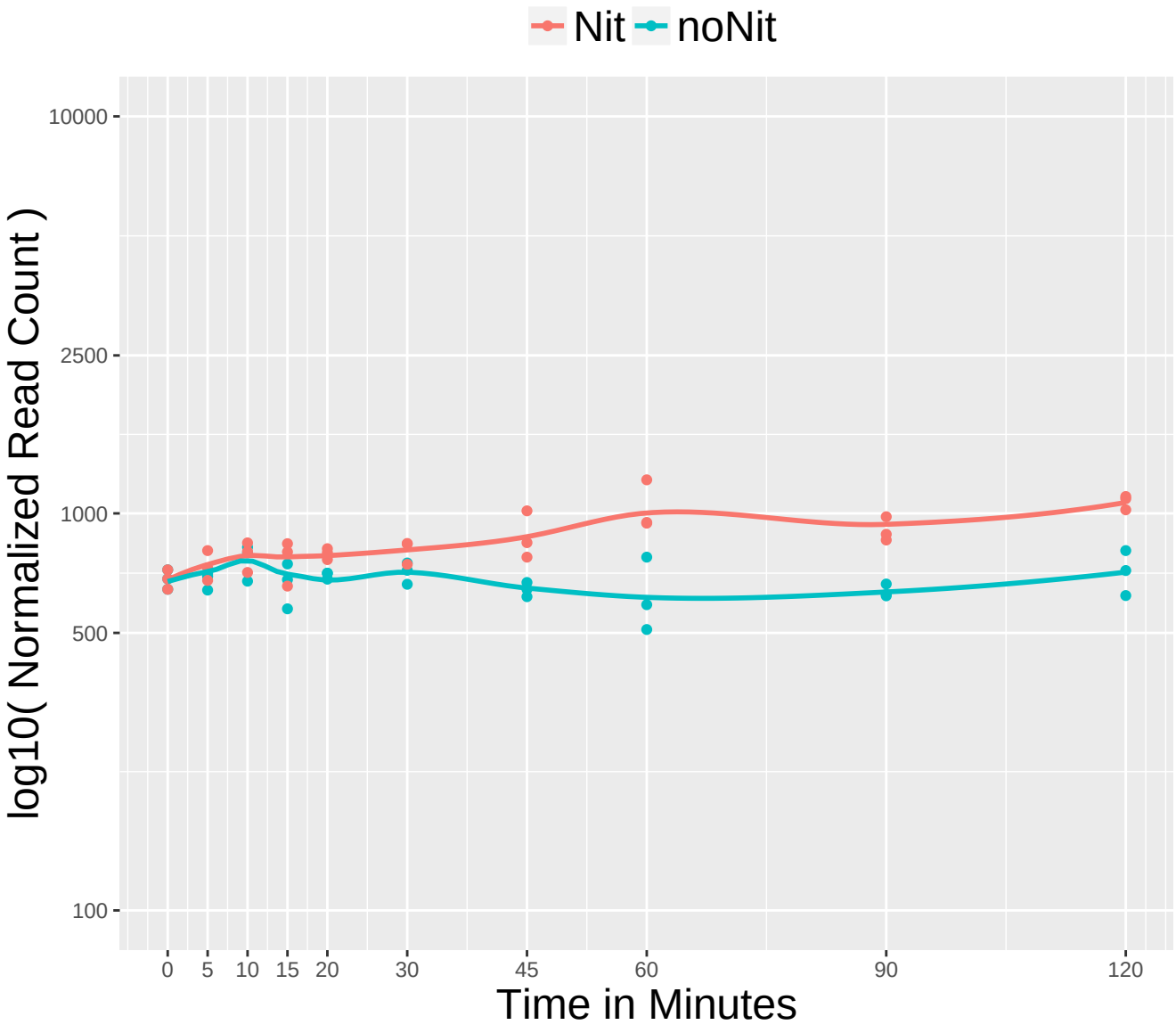
ATCB5−A,ARABIDOPSIS



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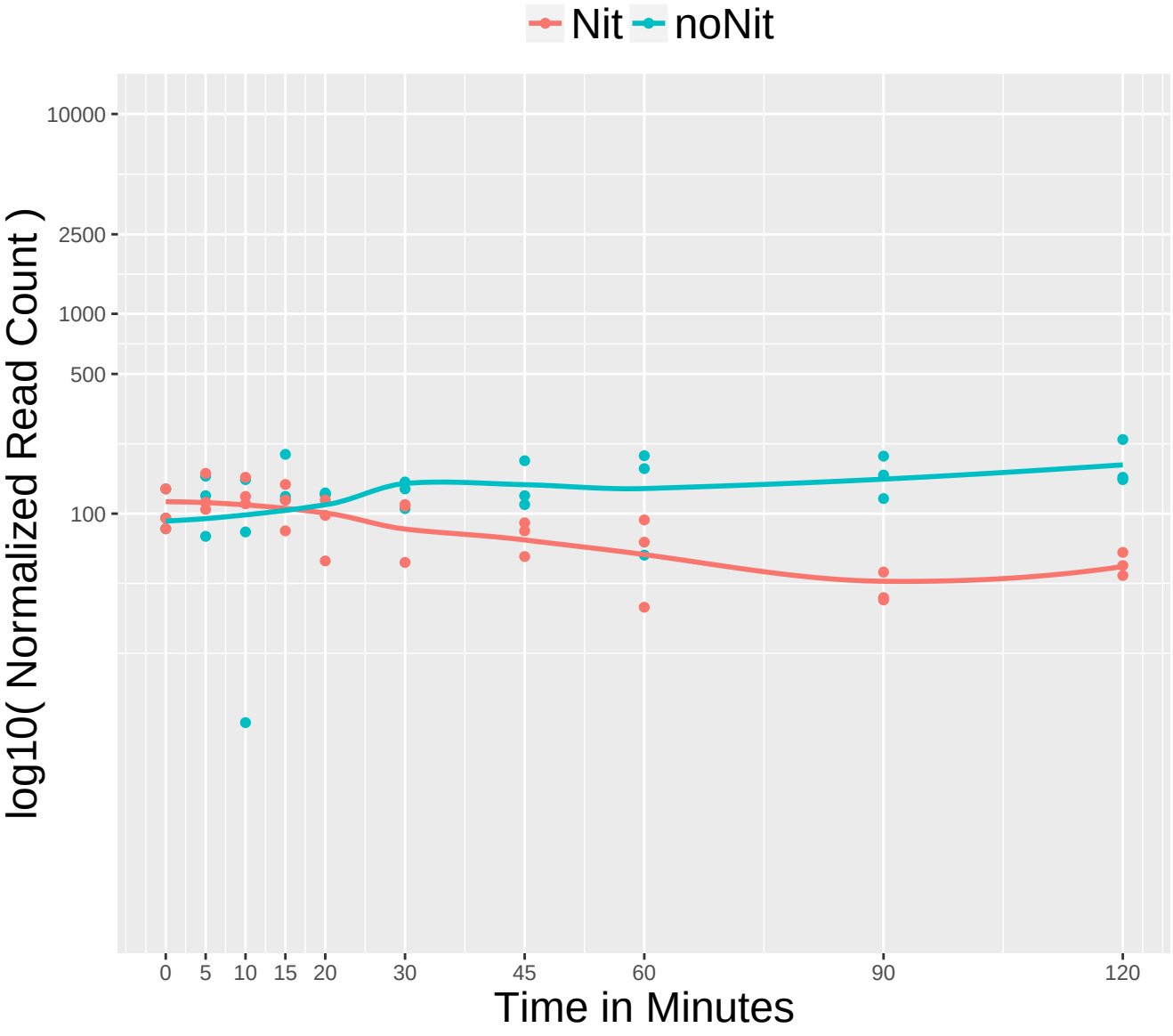
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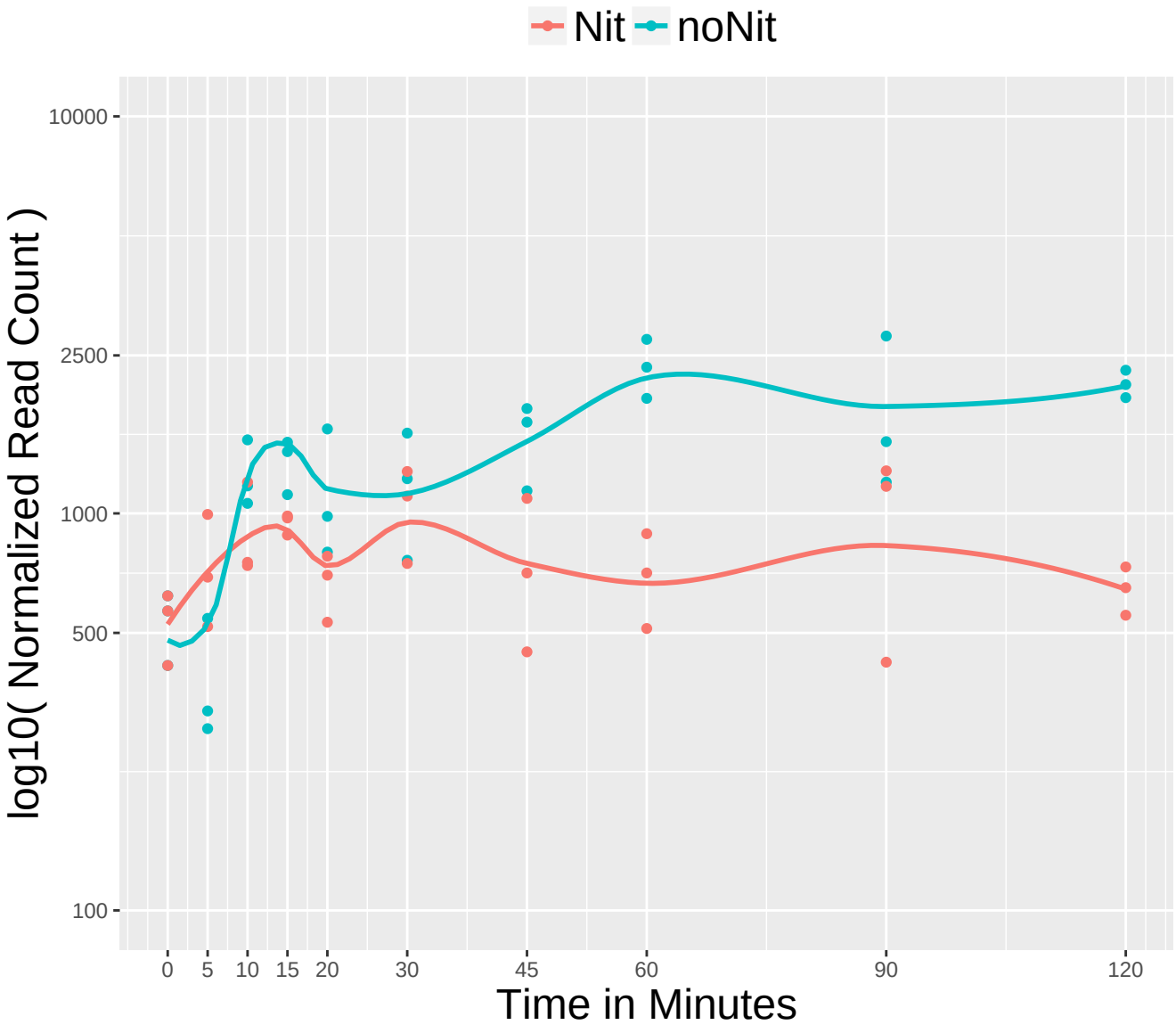
AT1G64170

ATCHX16,cation/H+



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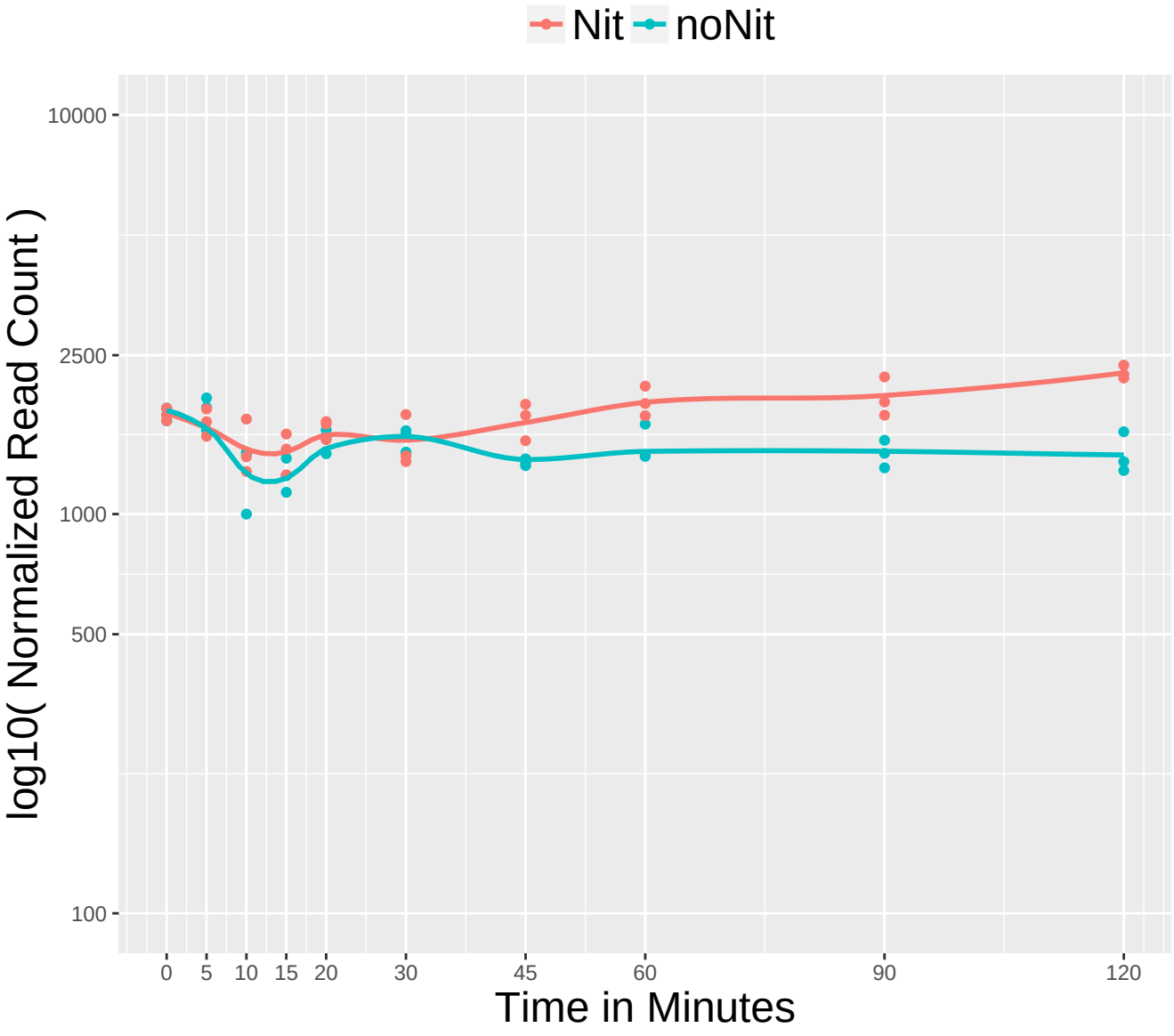
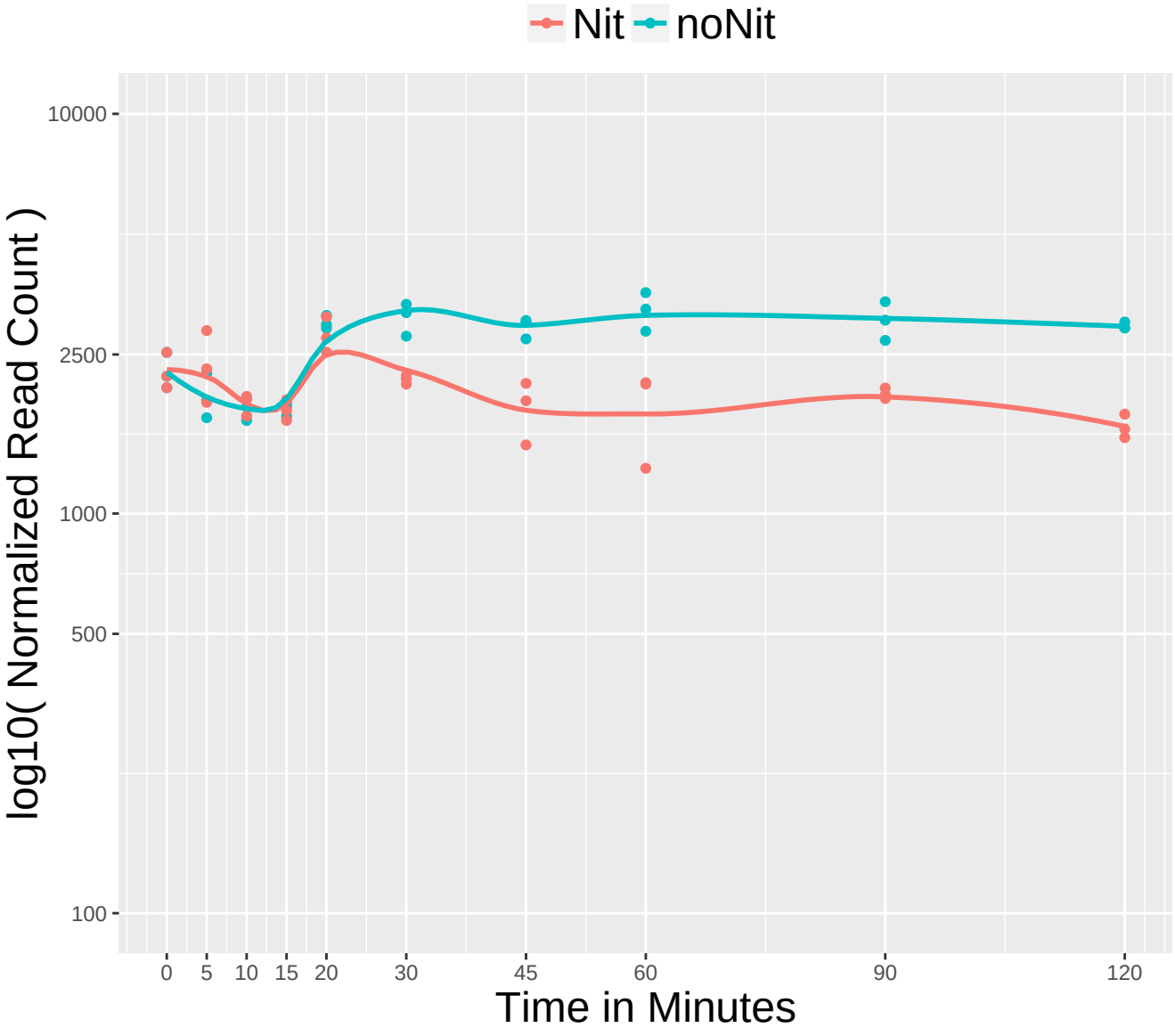
S15/NS1



AT2G29510

Protein



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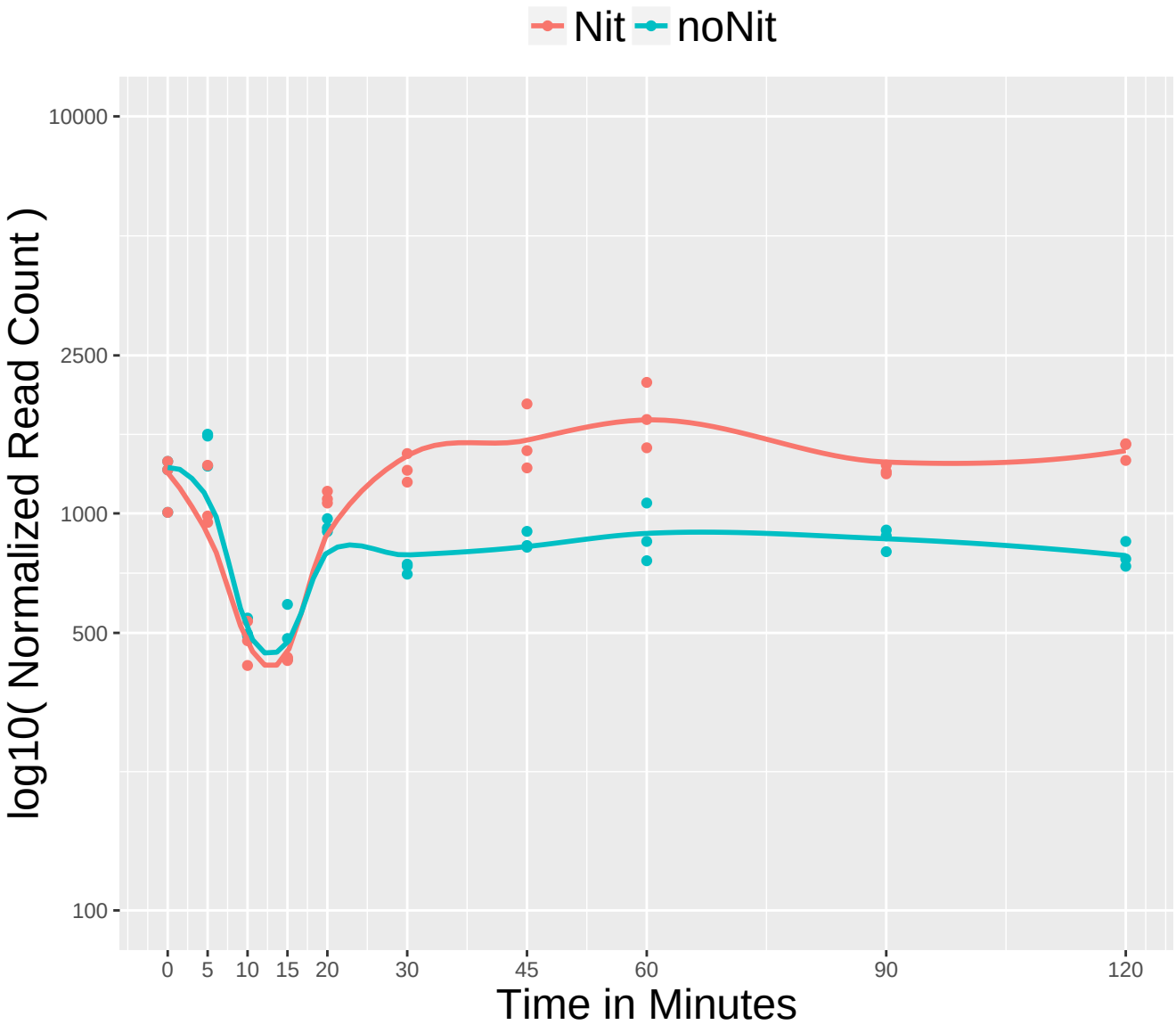

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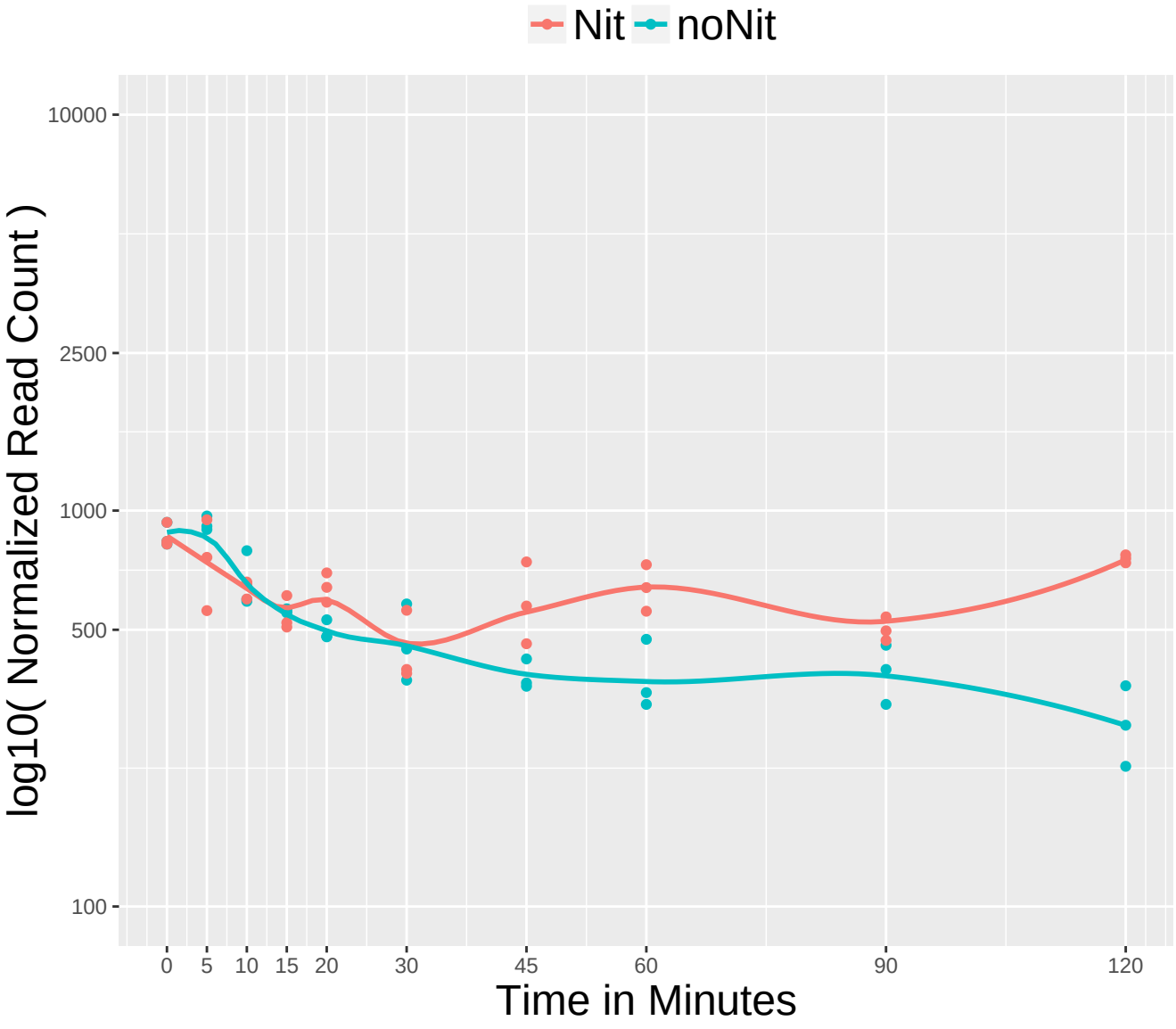
Ubiquitin−like



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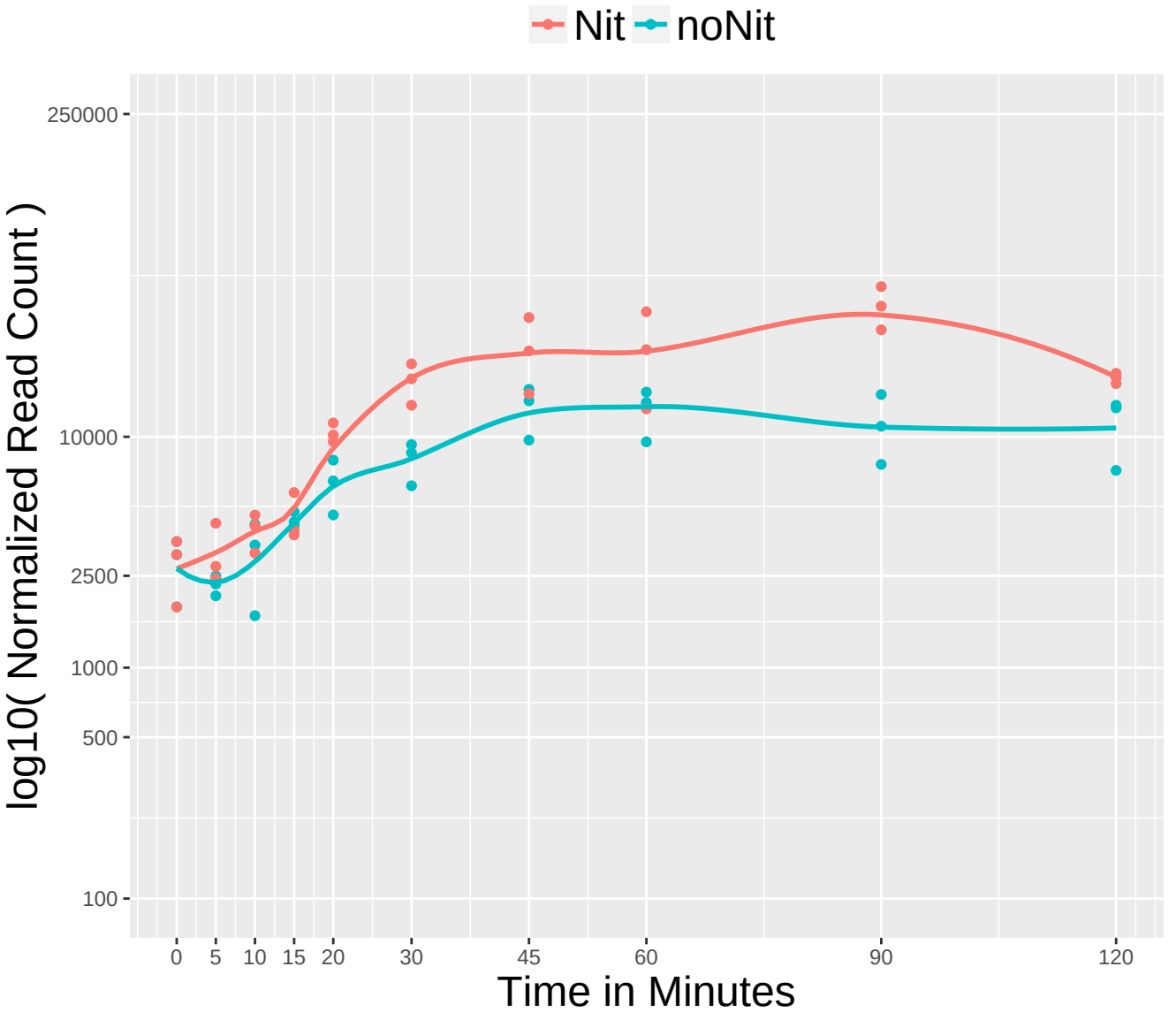
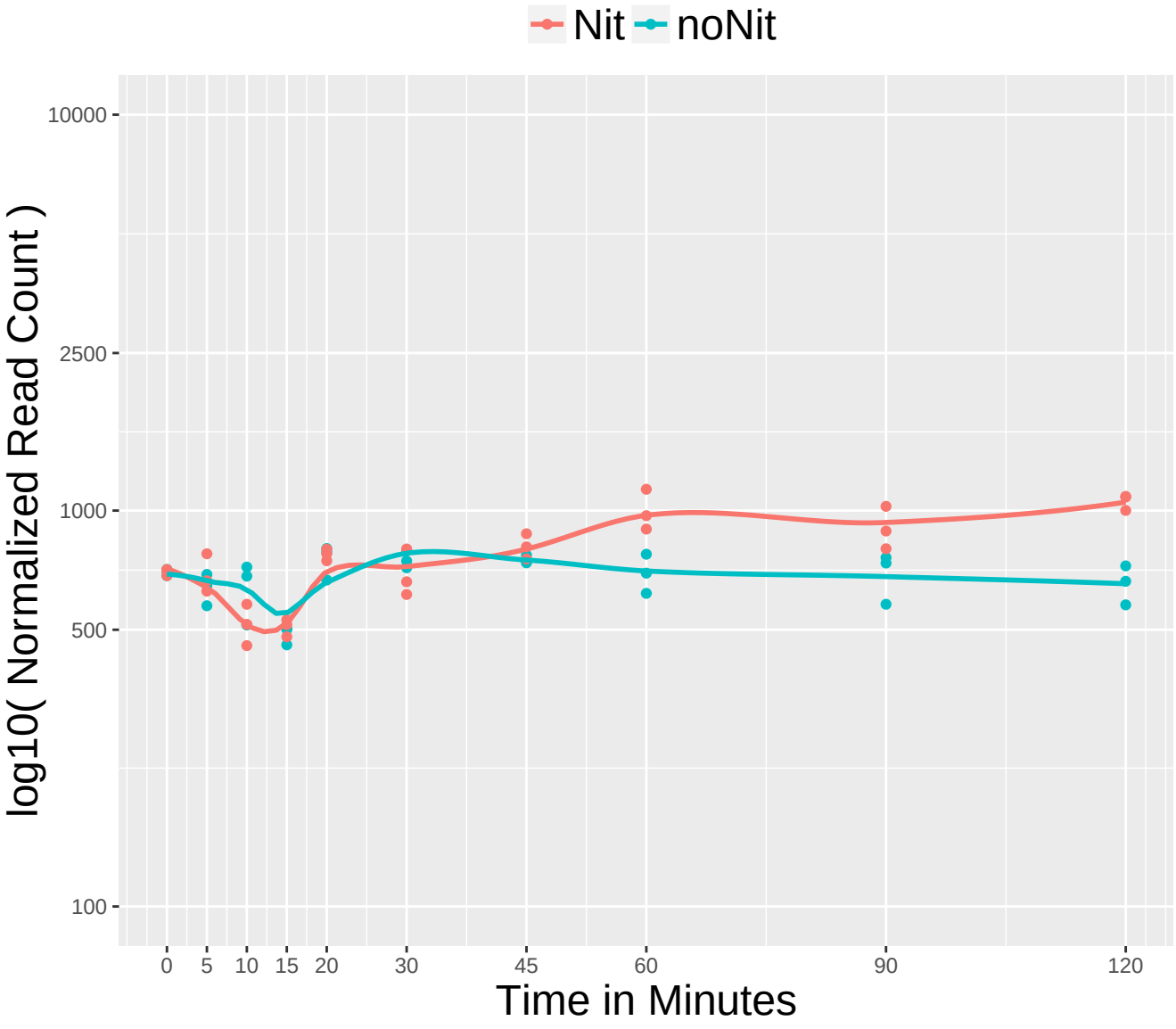


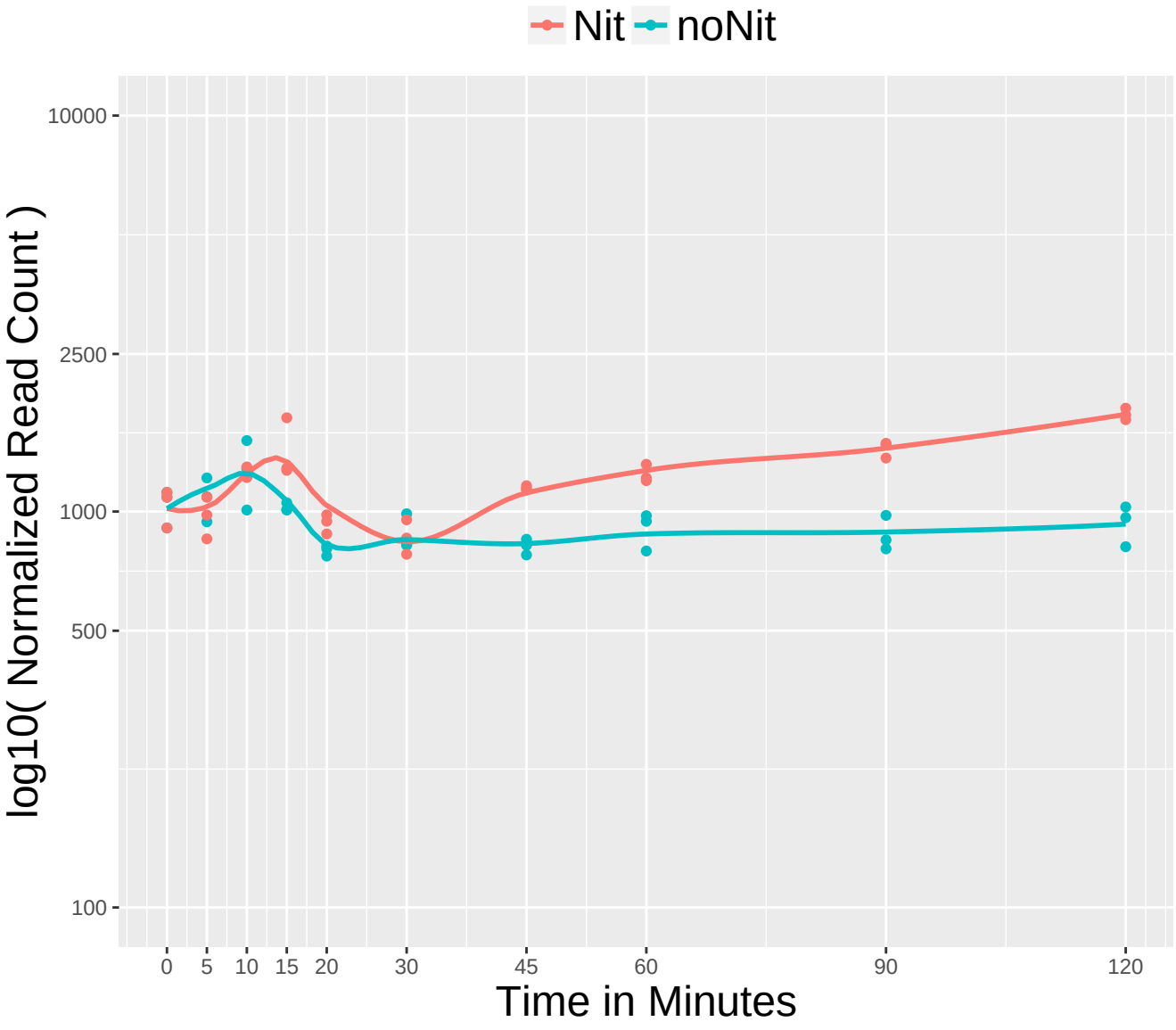
AT4G02820

Pentatricopeptide



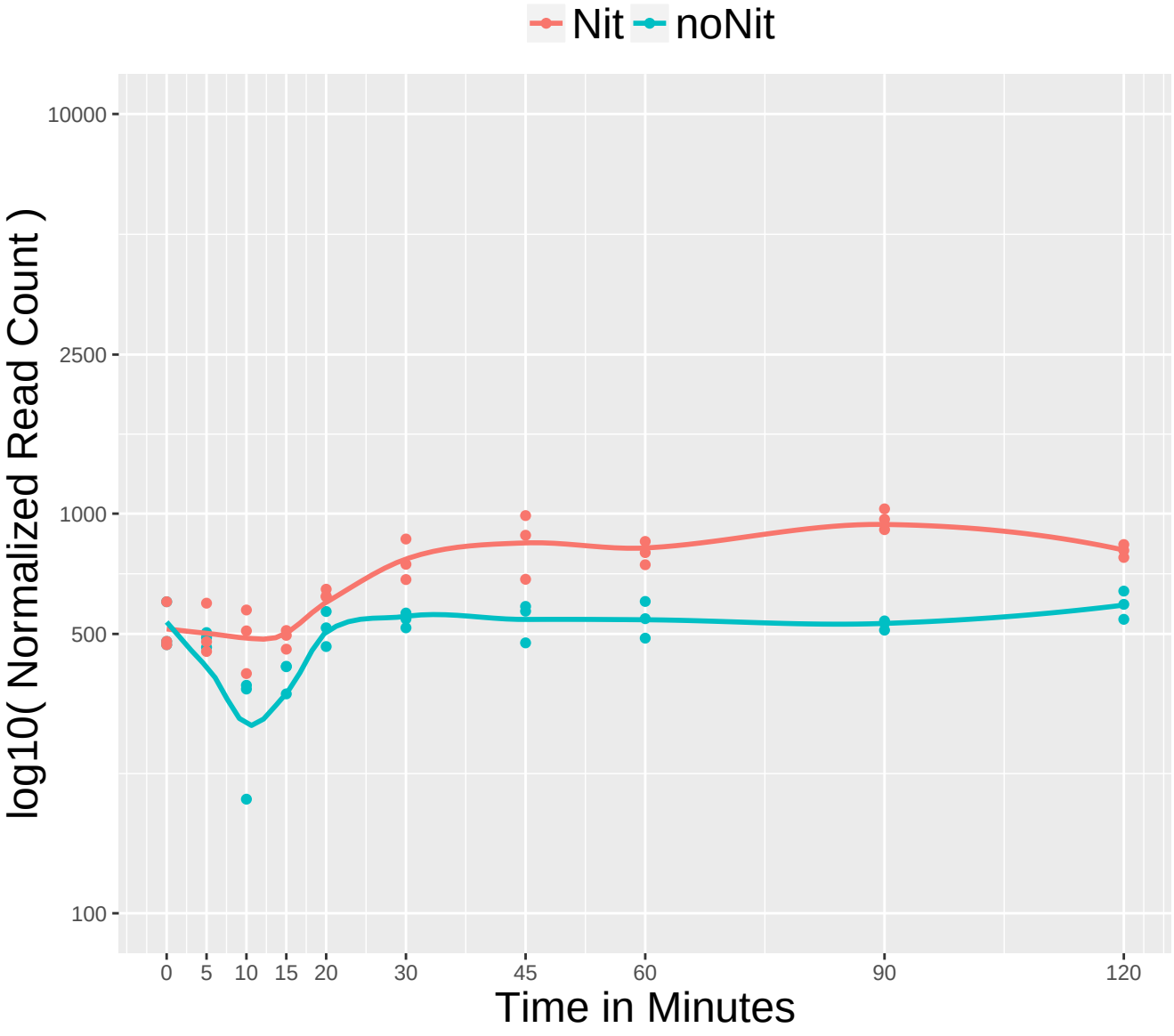
AT4G34910

P−loop



AT5G03470

ATB'



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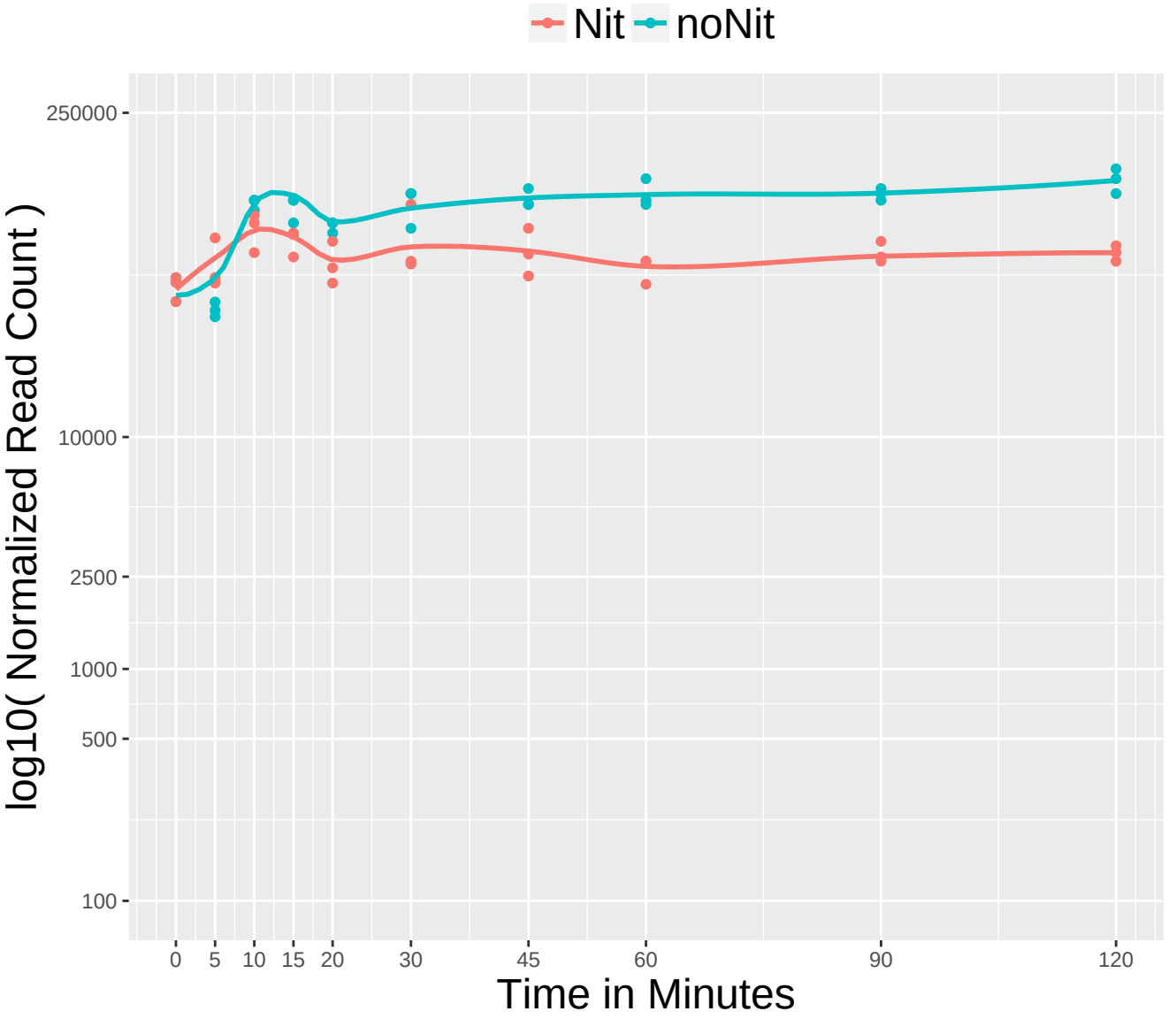
ATCIMS,COBALAMIN−INDEPENDENT



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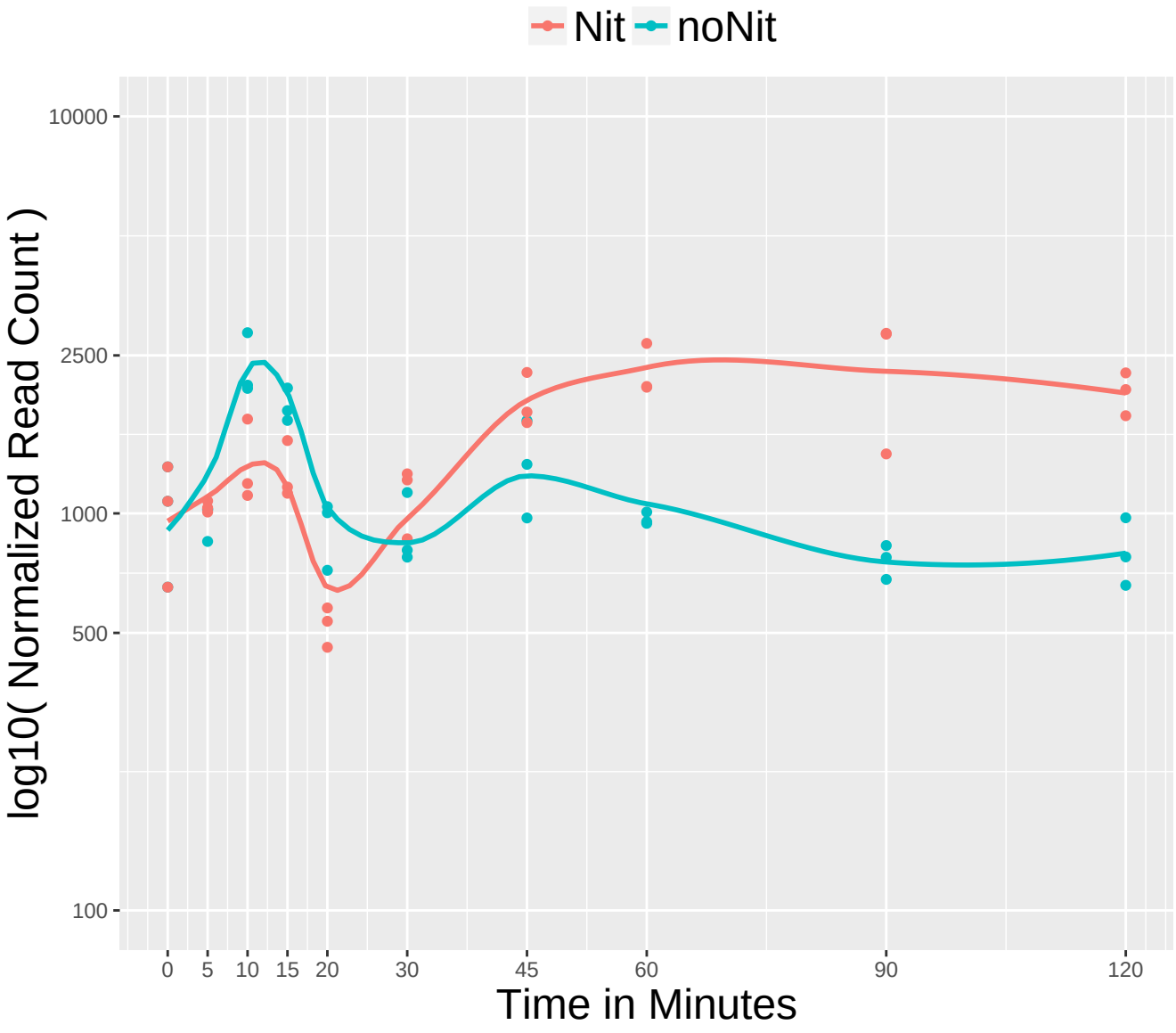
LSU2,RESPONSE



AT5G52882

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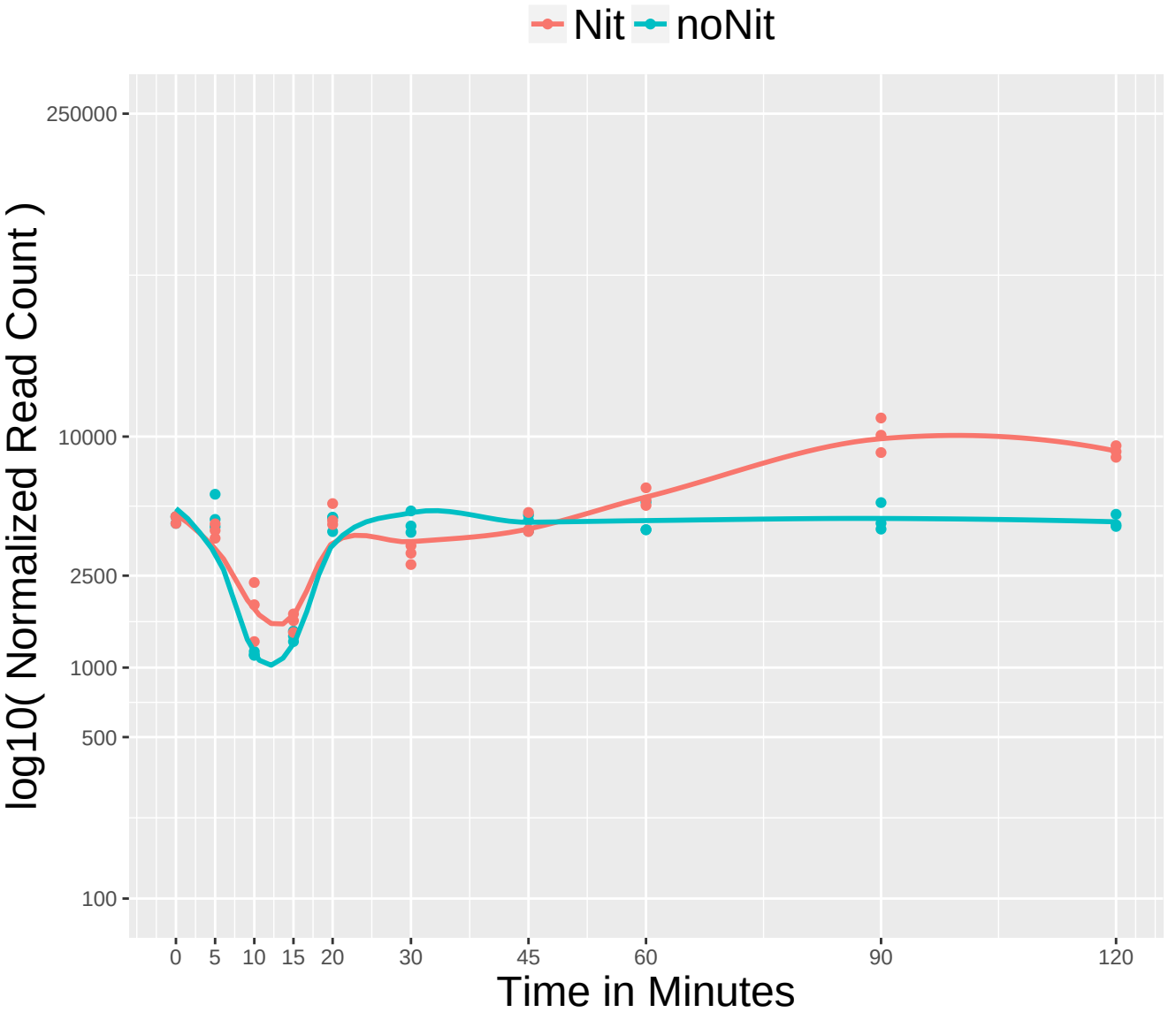

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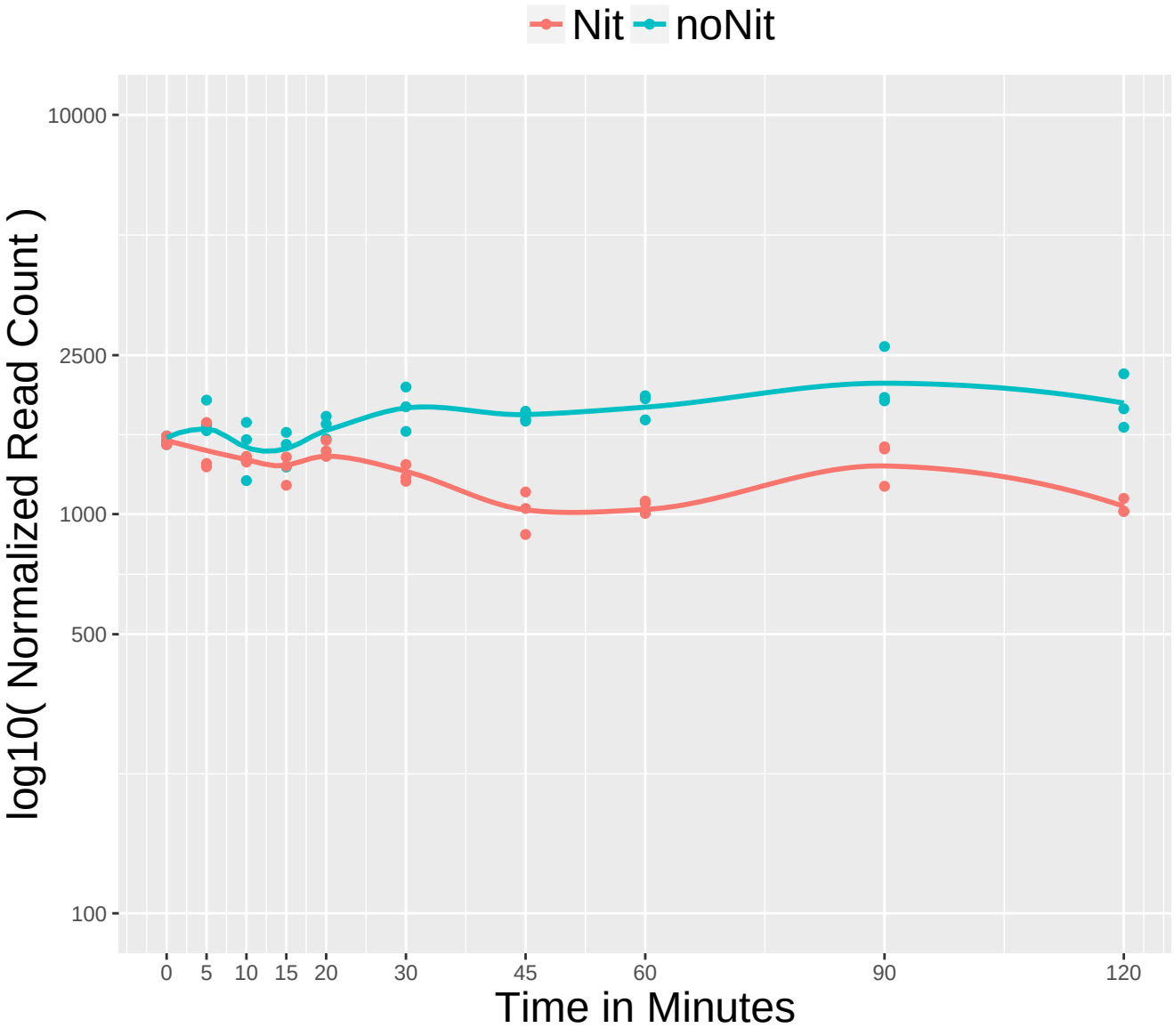

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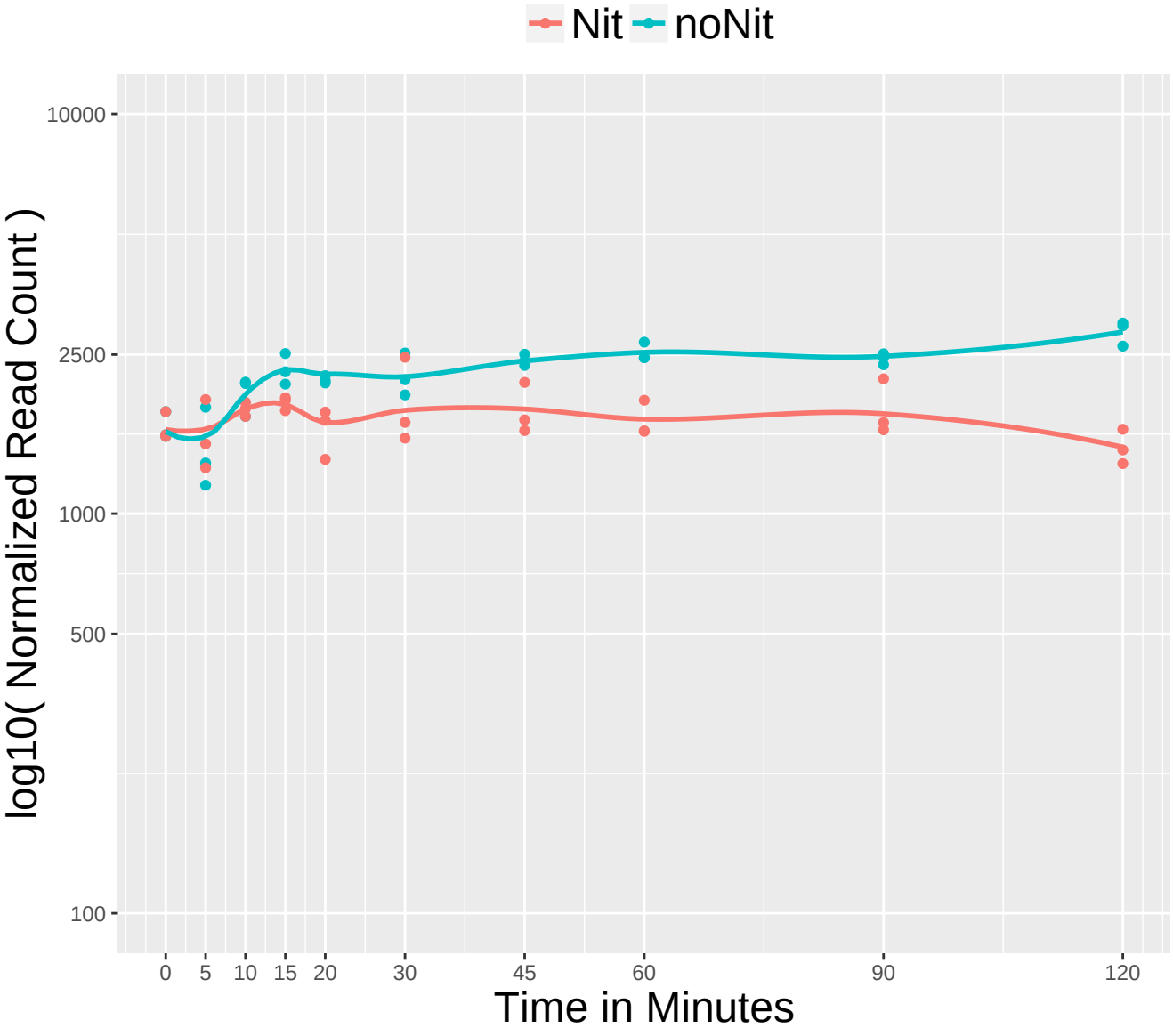
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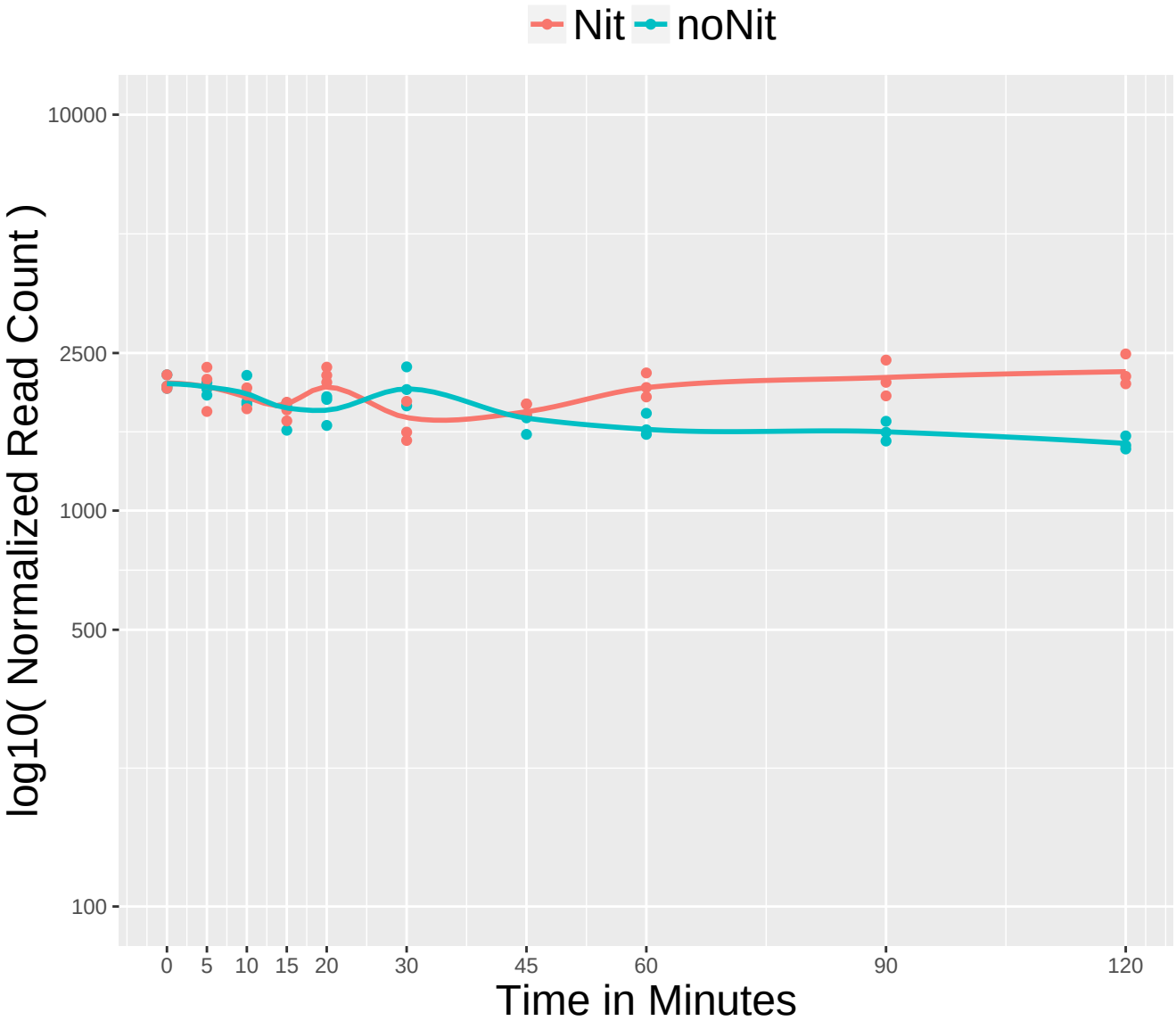
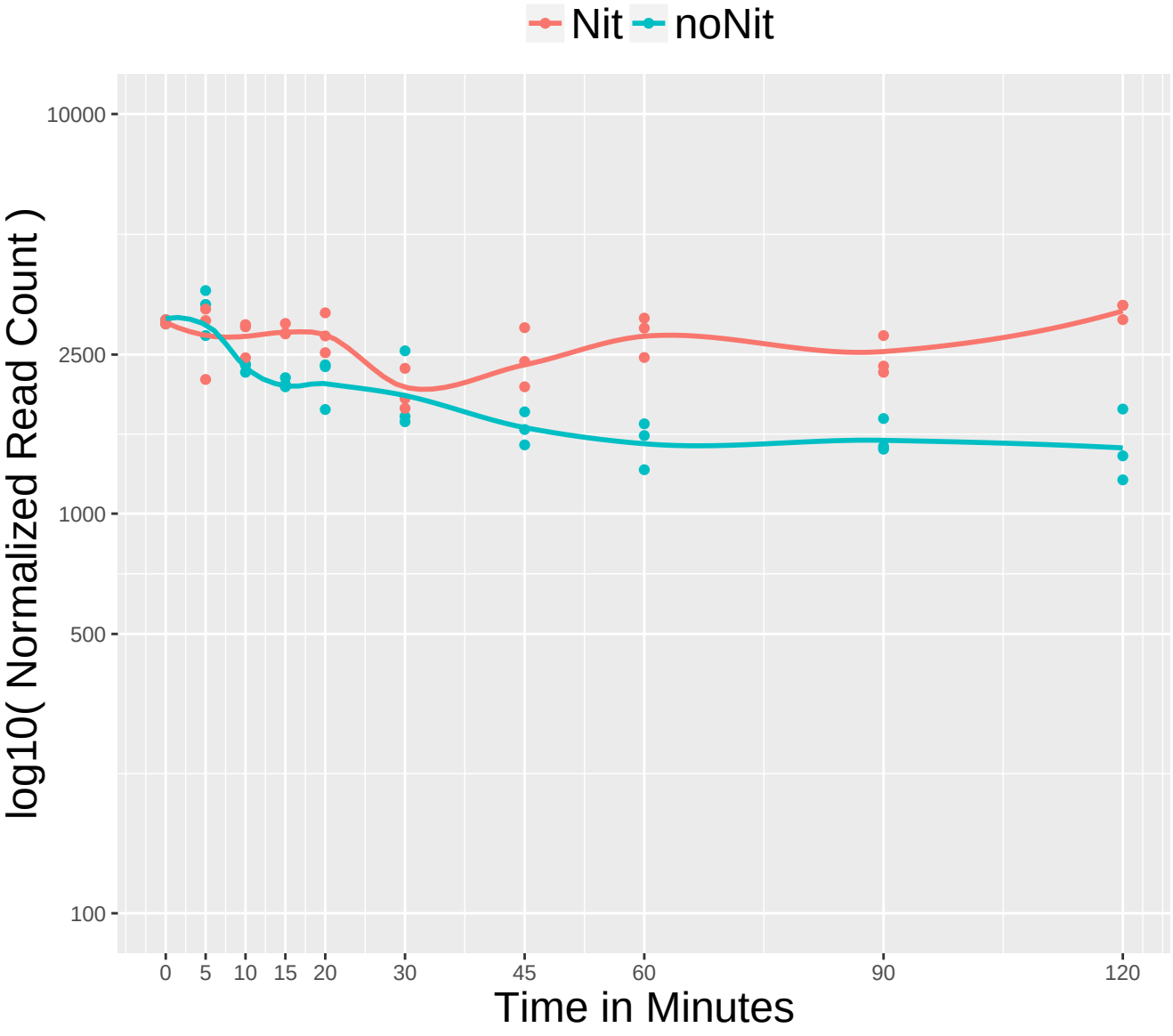
Time in Minutes

AT5G67630

P−loop



AT1G15420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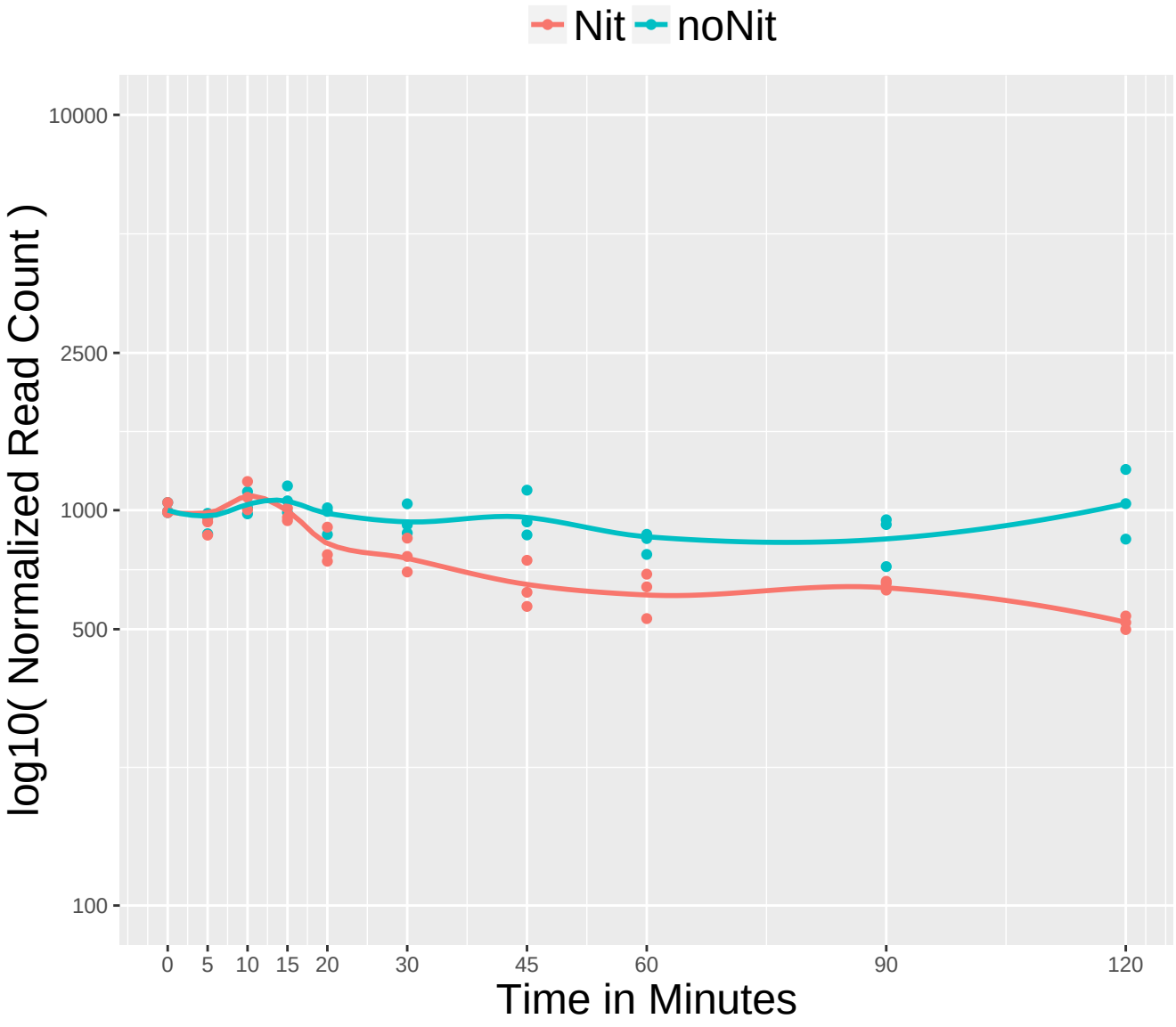
Time in Minutes

AT1G54570

PES1,phytyl



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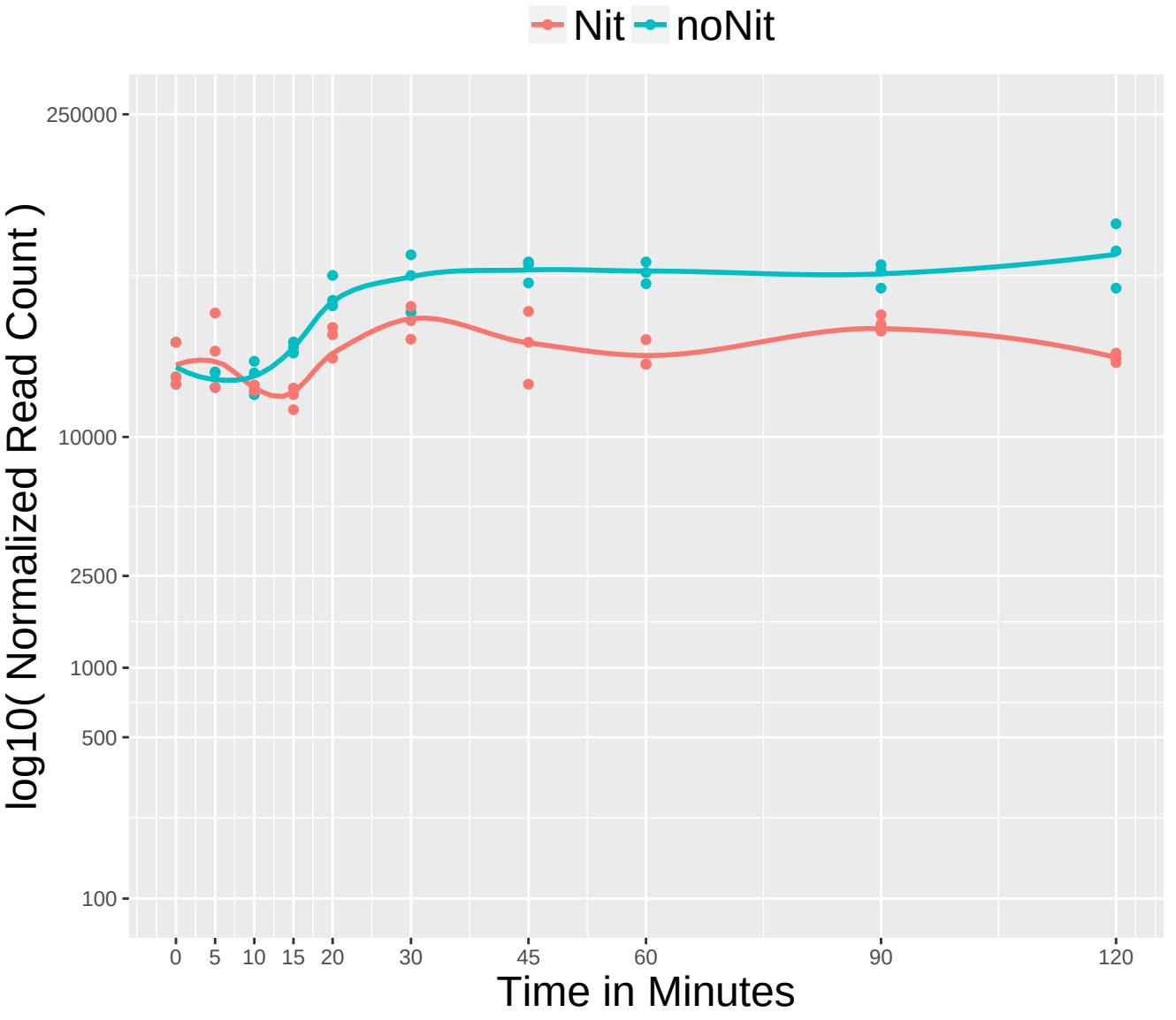
ABCG36,ATP−binding



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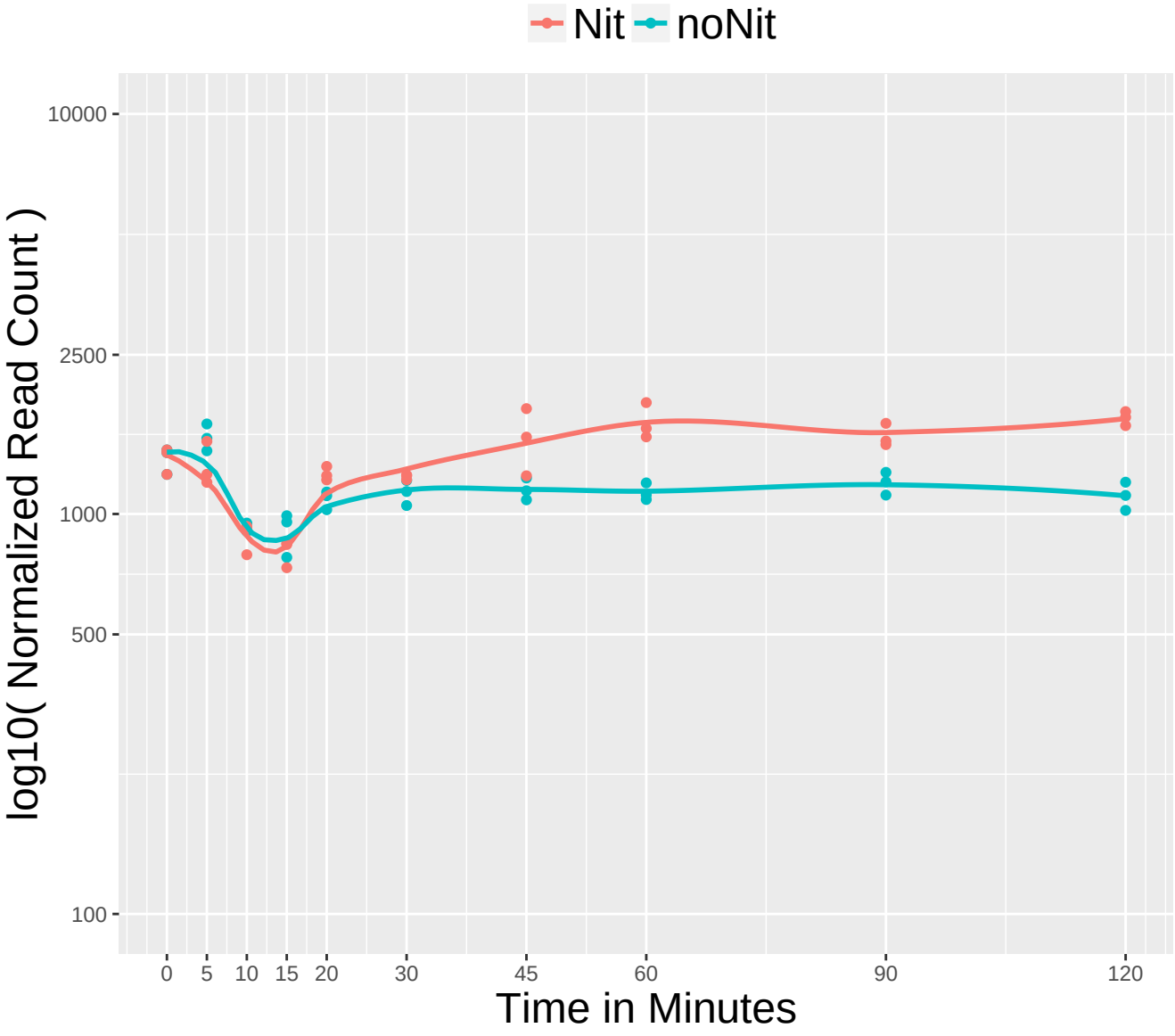
Translation



AT1G68410

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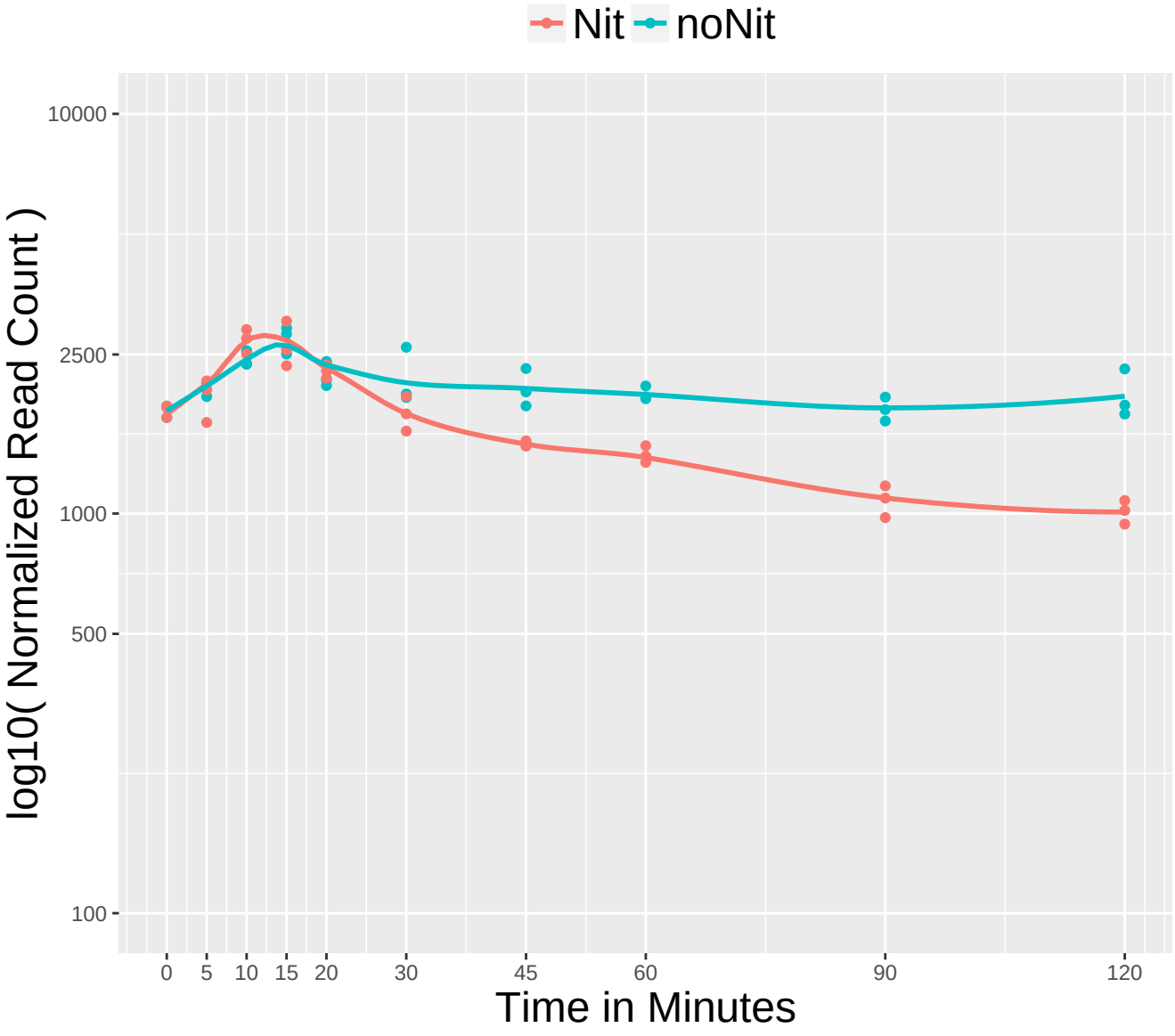
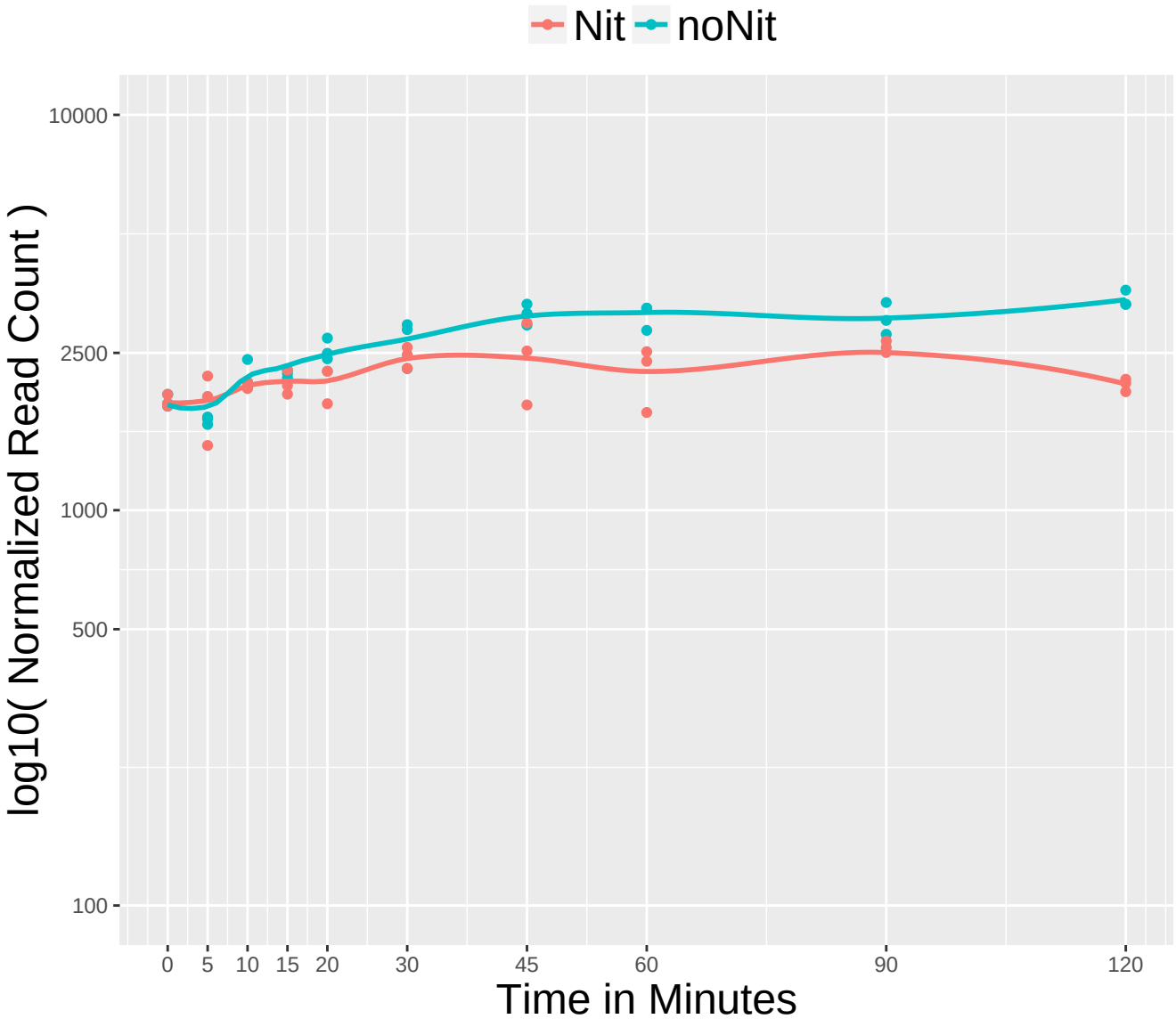


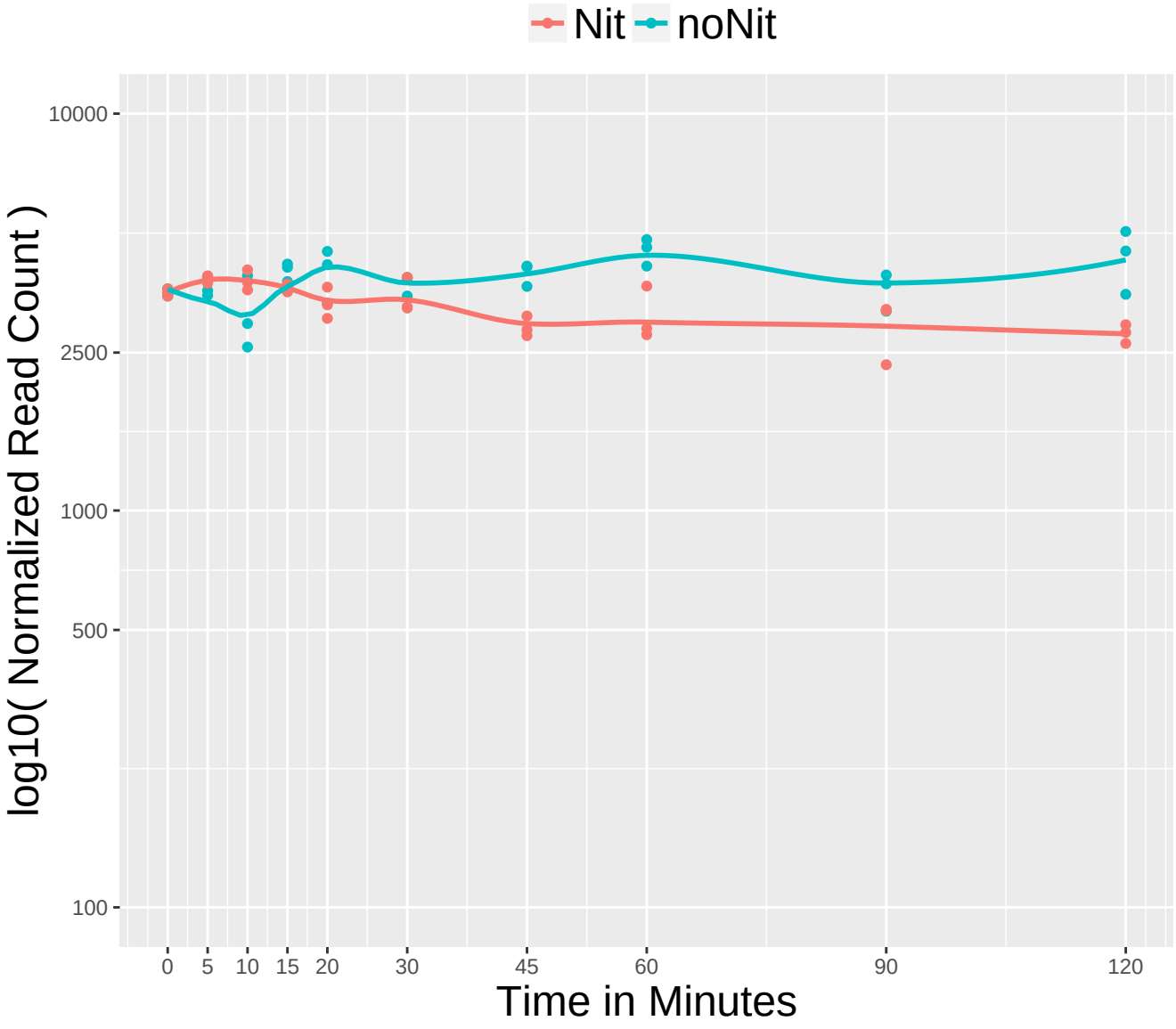
AT1G76850

SEC5A,exocyst



AT3G10500

ANAC053,NAC



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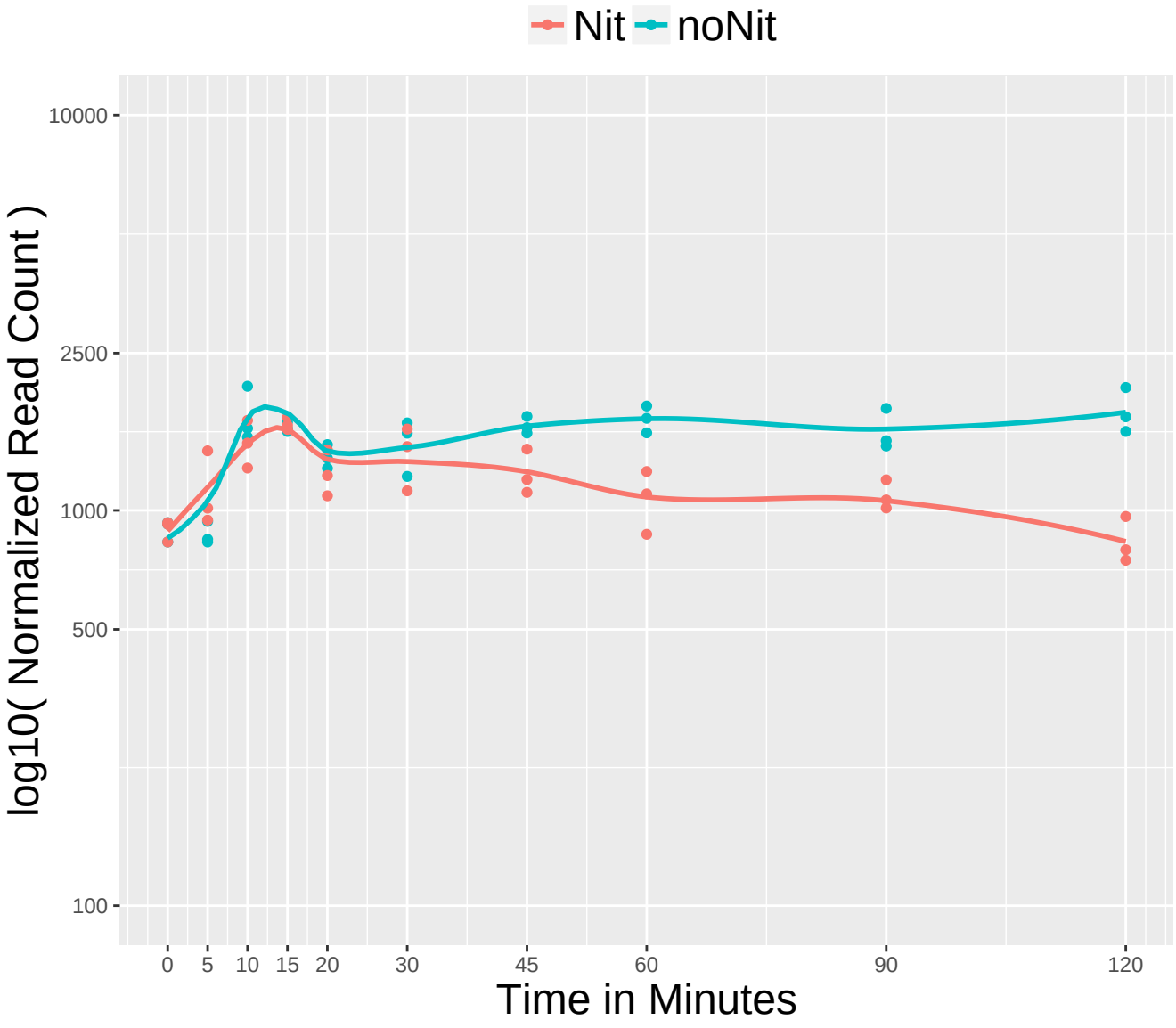
BSK6,brassinosteroid−signaling



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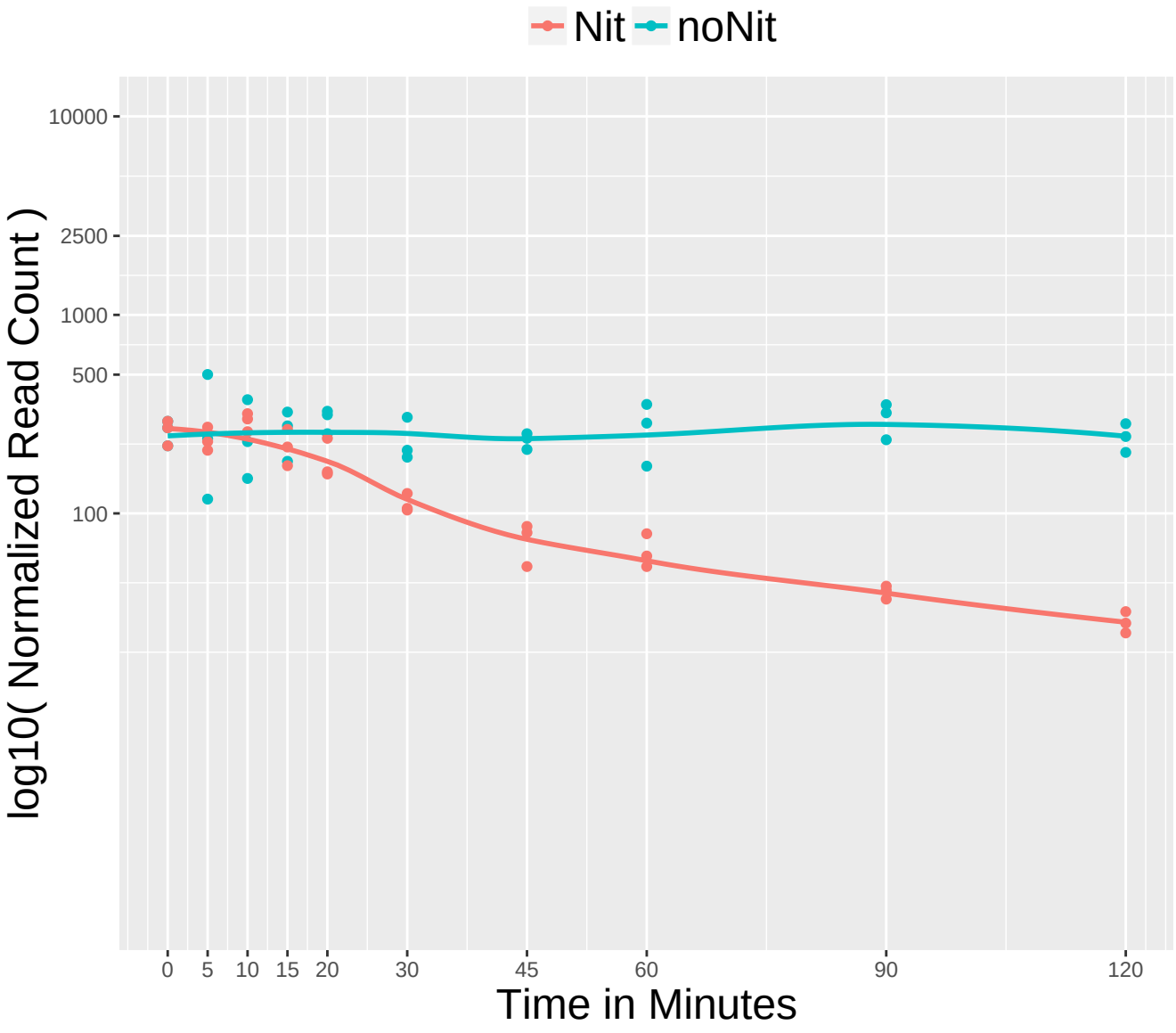
NLP9,NIN−like



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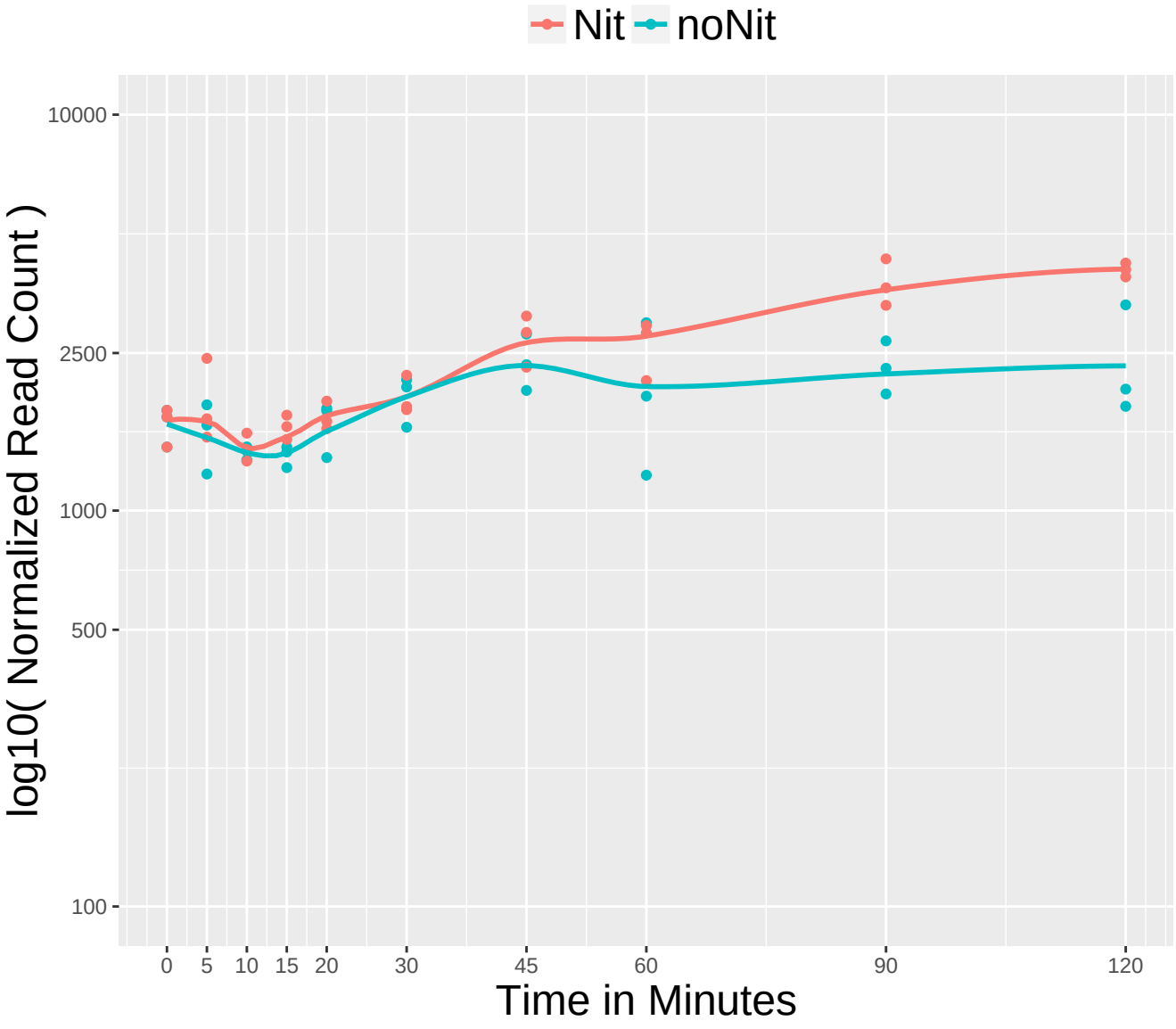
CPK27,calcium−dependent



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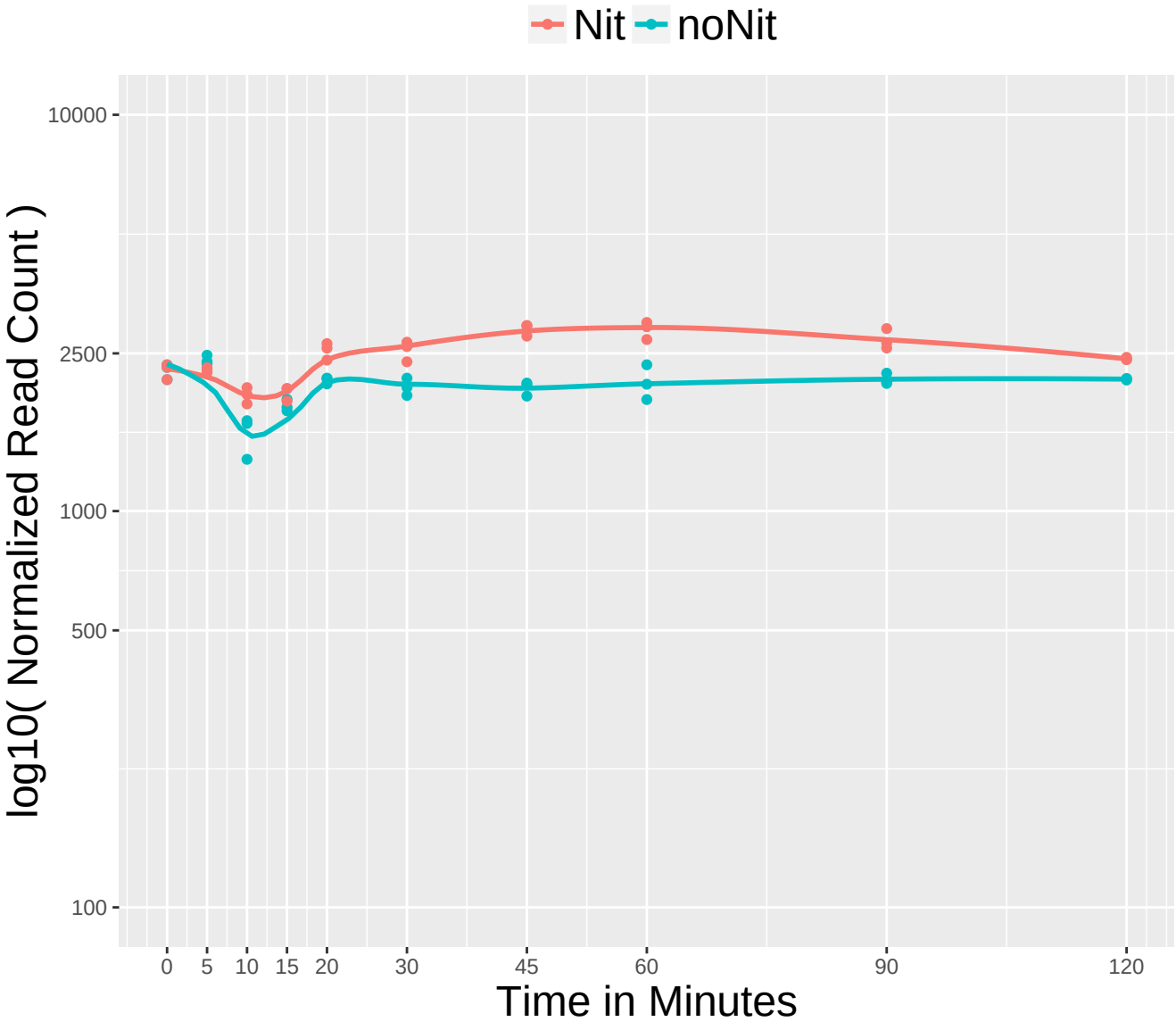

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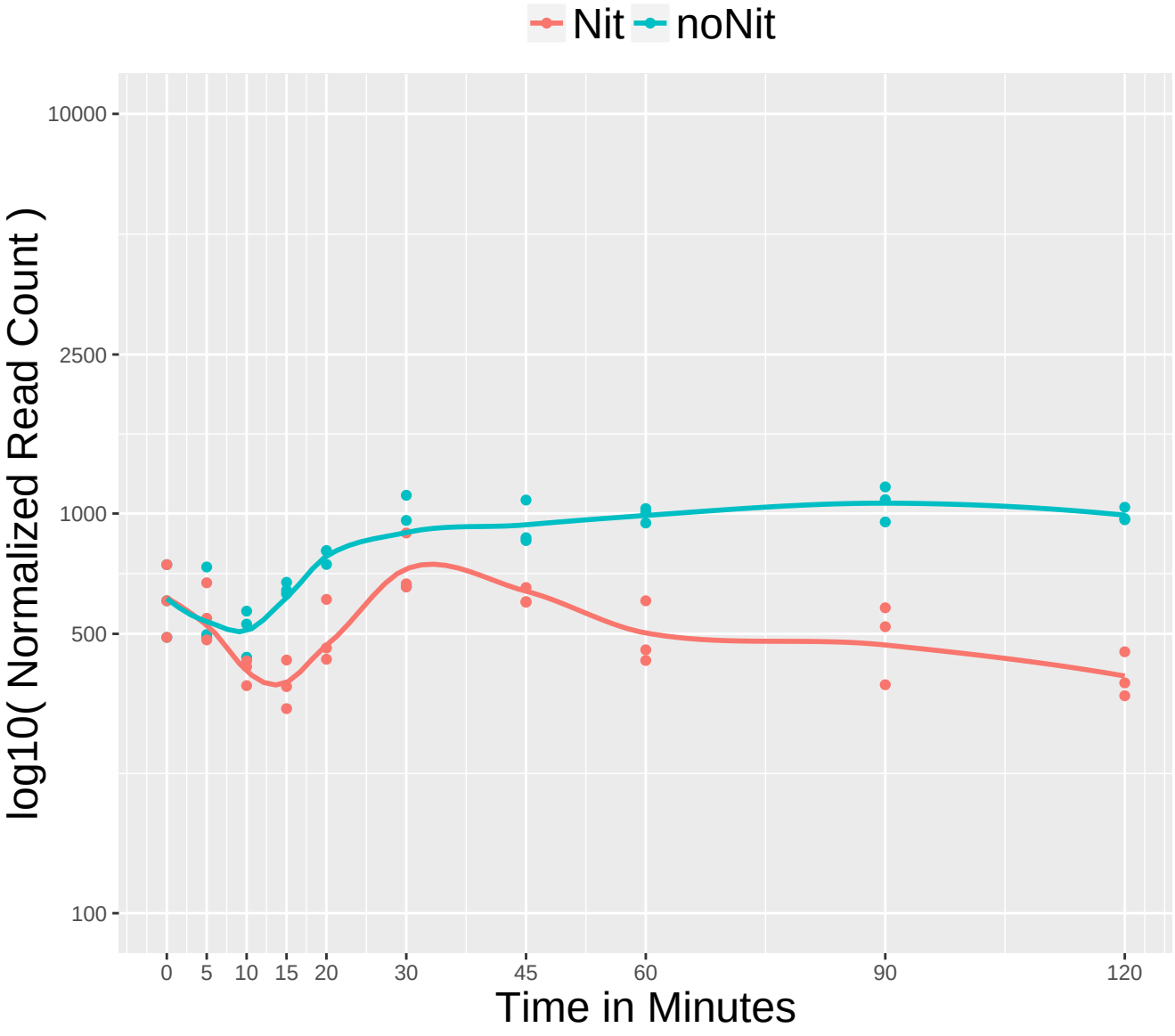
Protein



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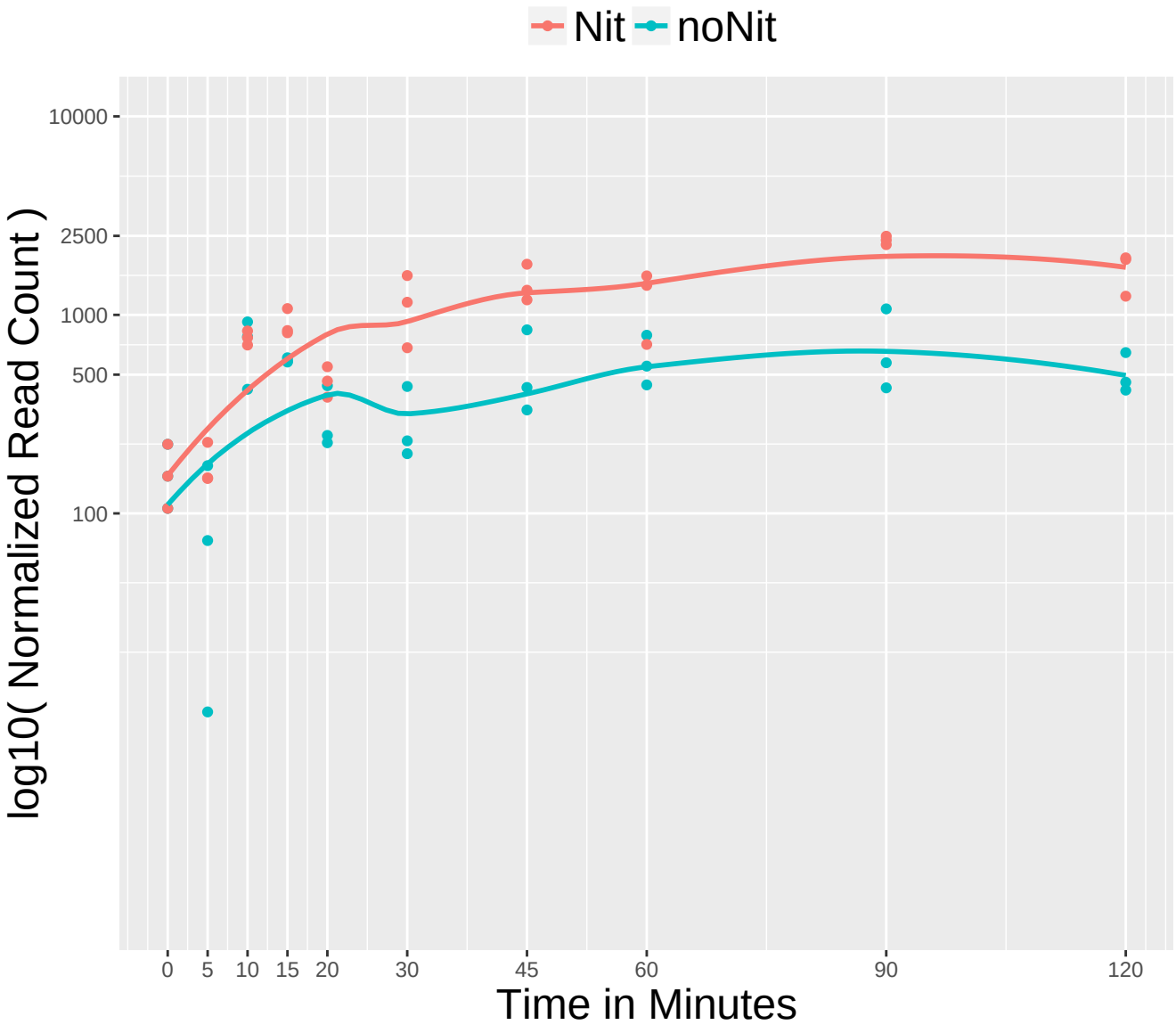
ATNAS1,ARABIDOPSIS



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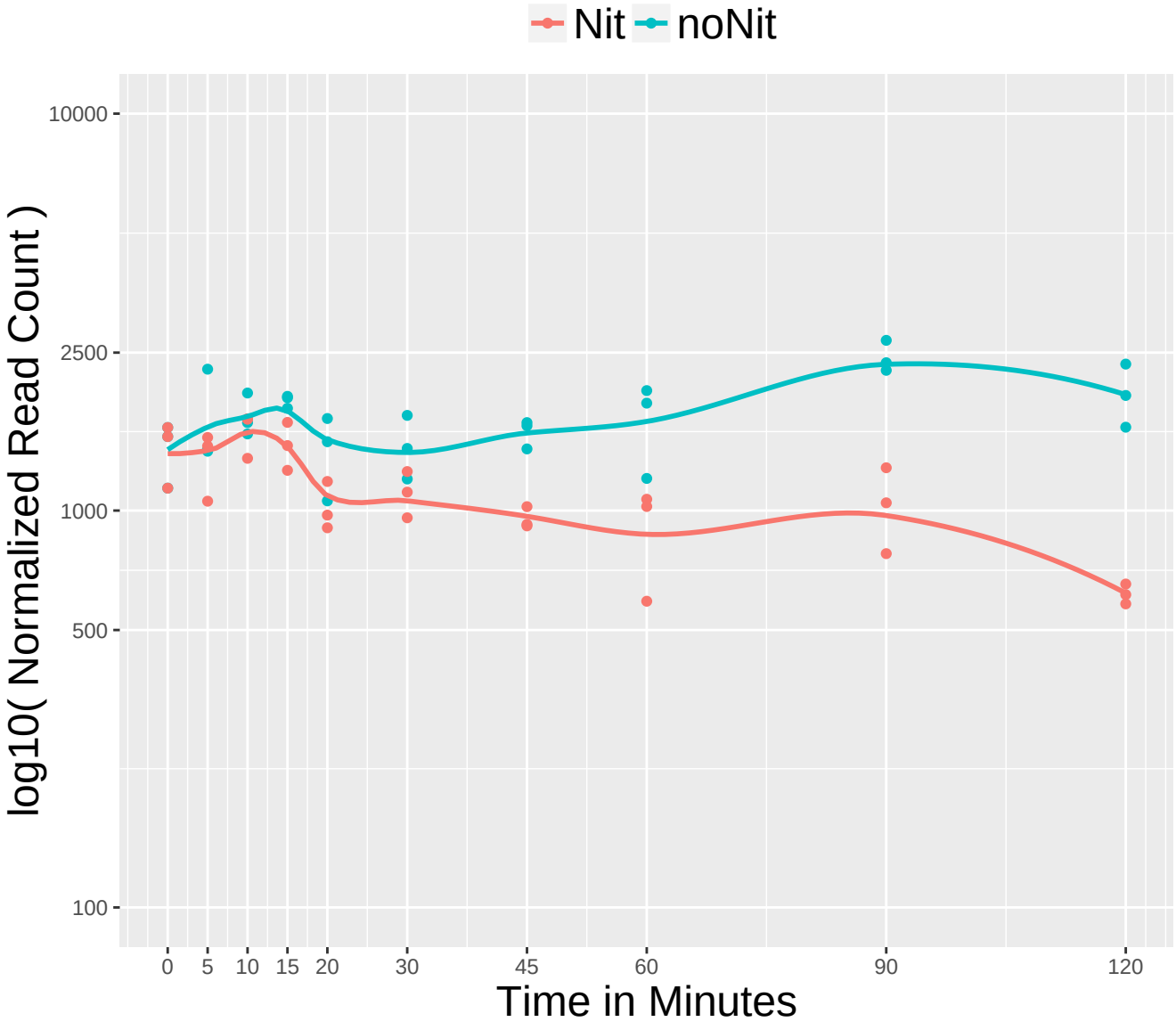
ATK4,kinesin



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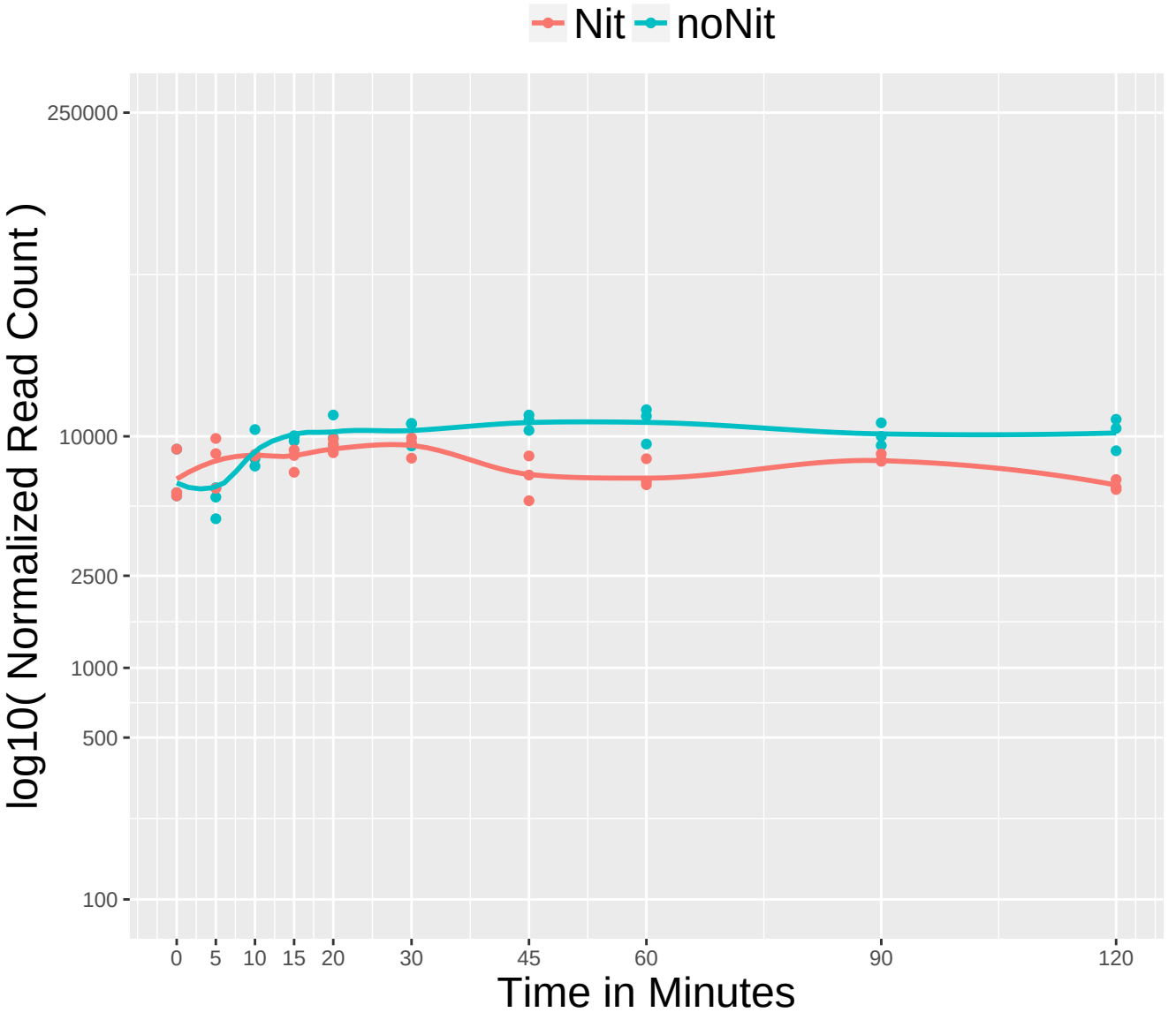
HMA7,,RAN1,RESPONSIVE−TO−ANTAGONIST



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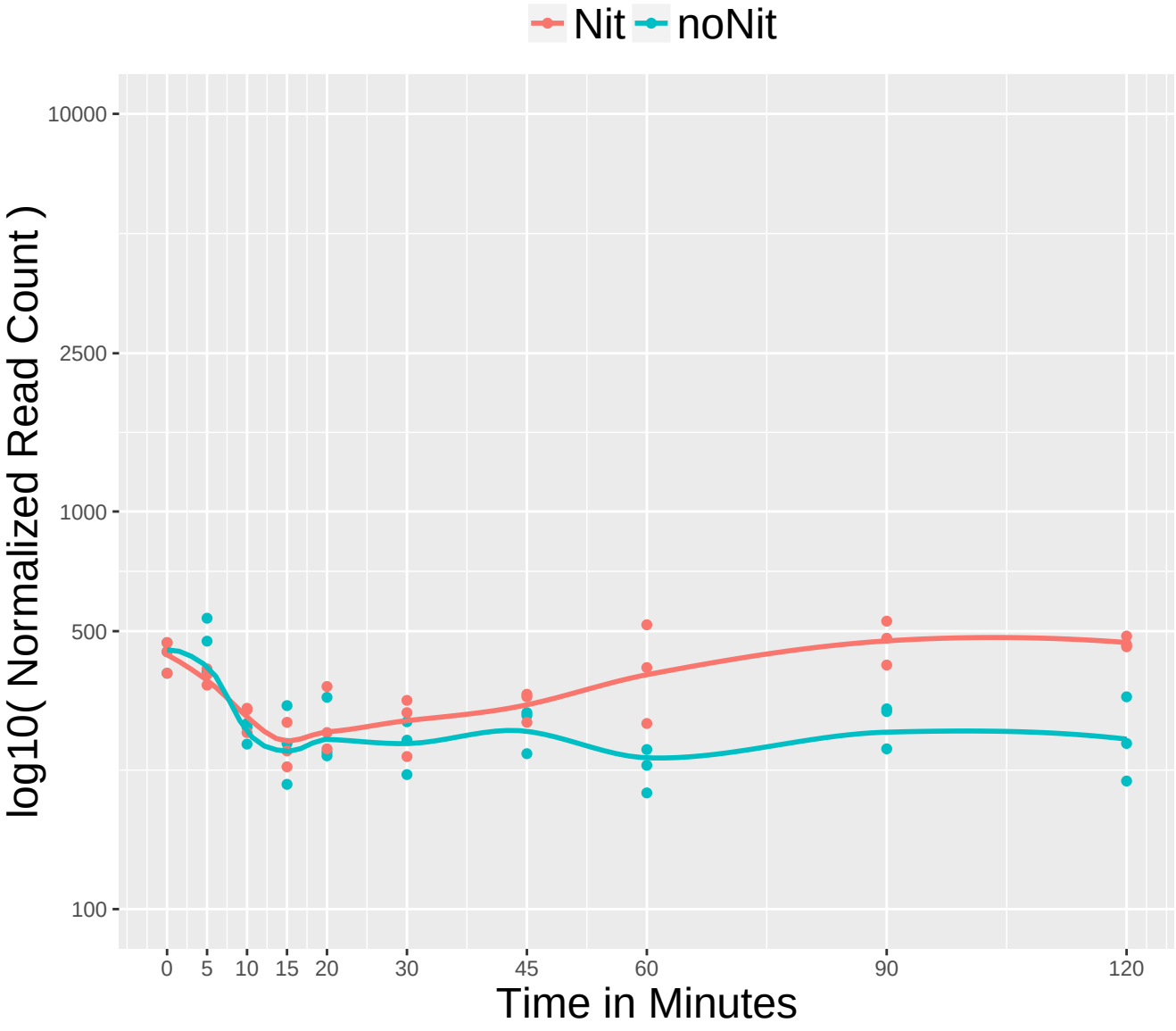
GATA16,GATA



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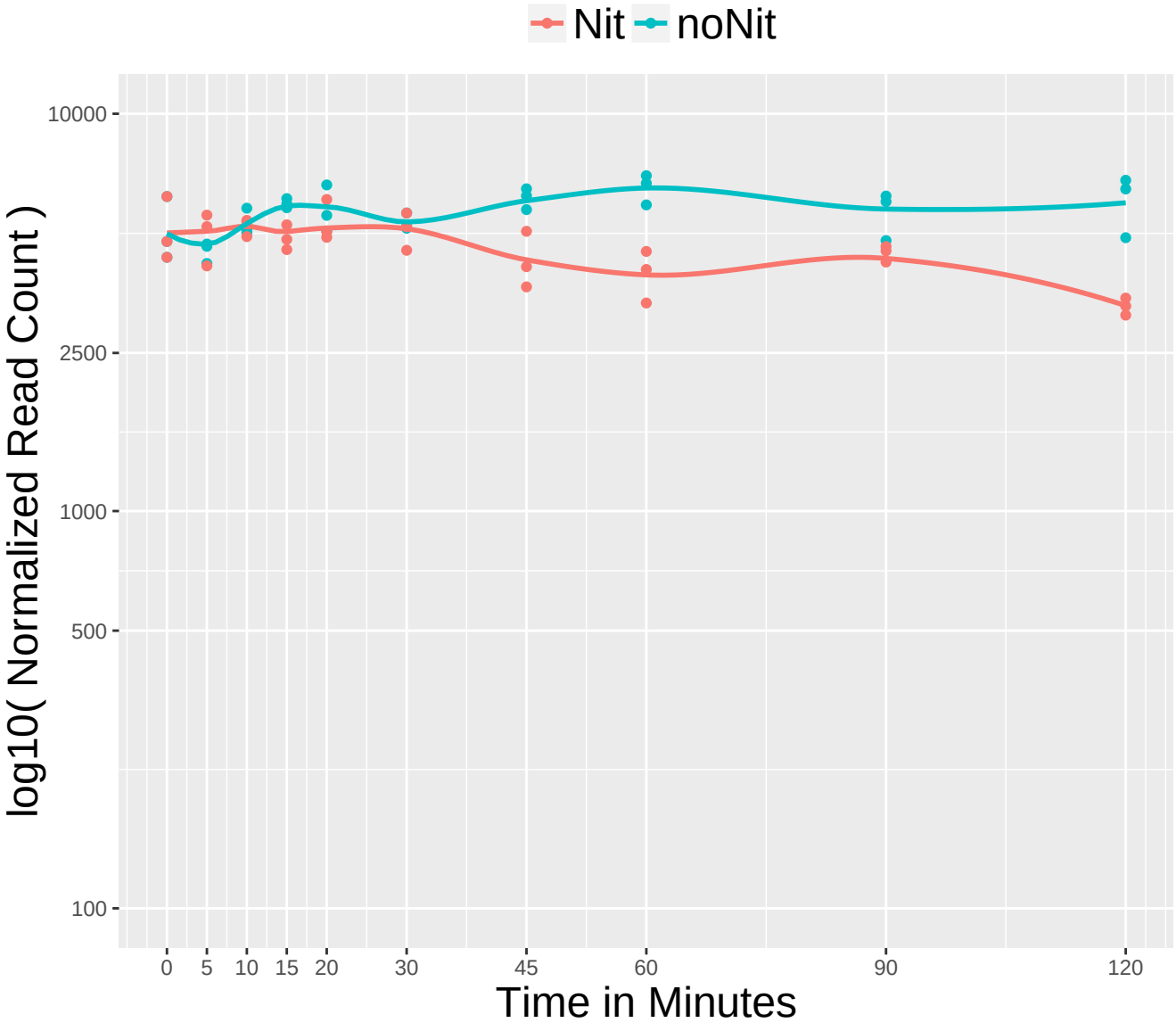
CLPD,,ERD1,EARLY



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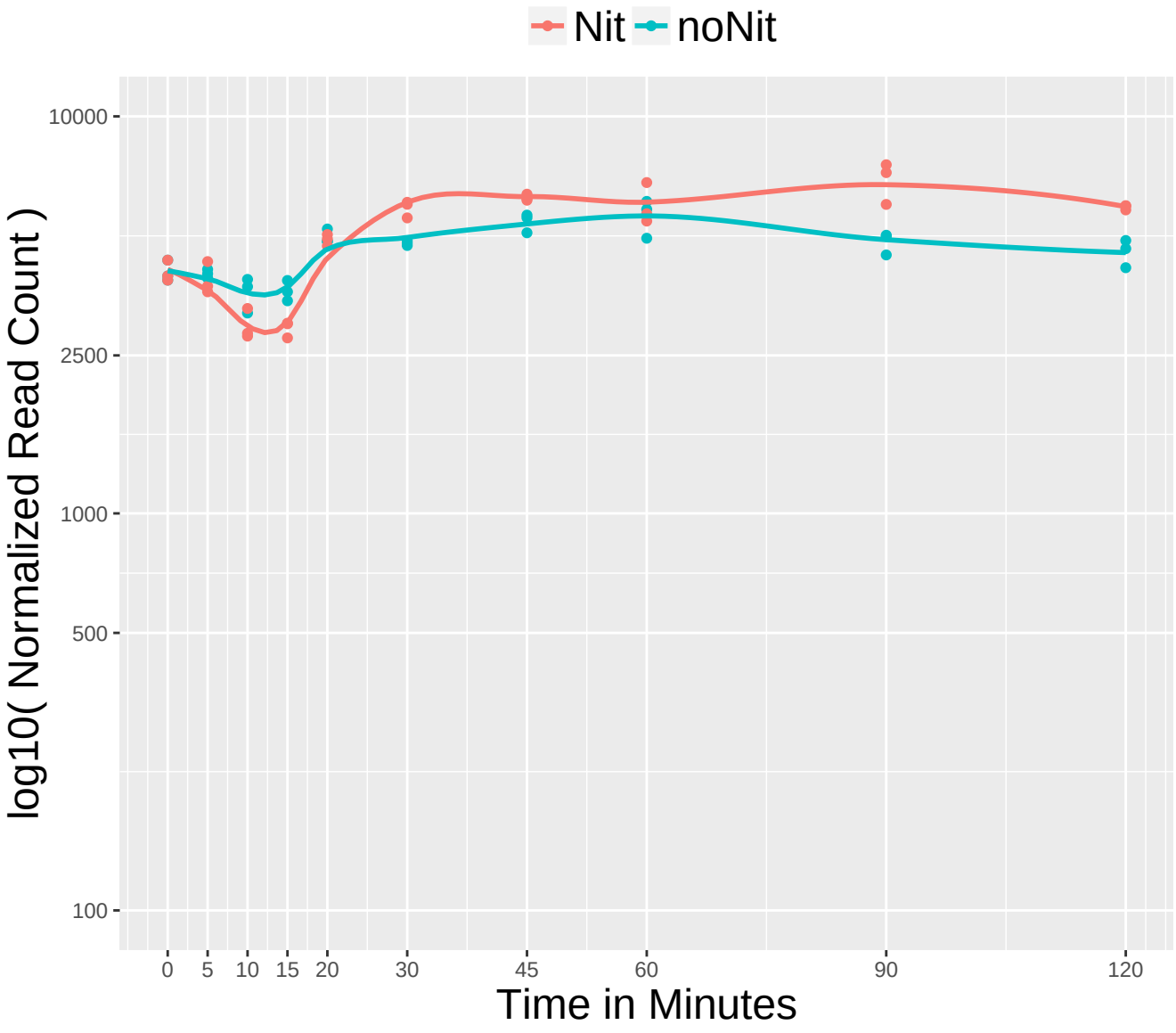

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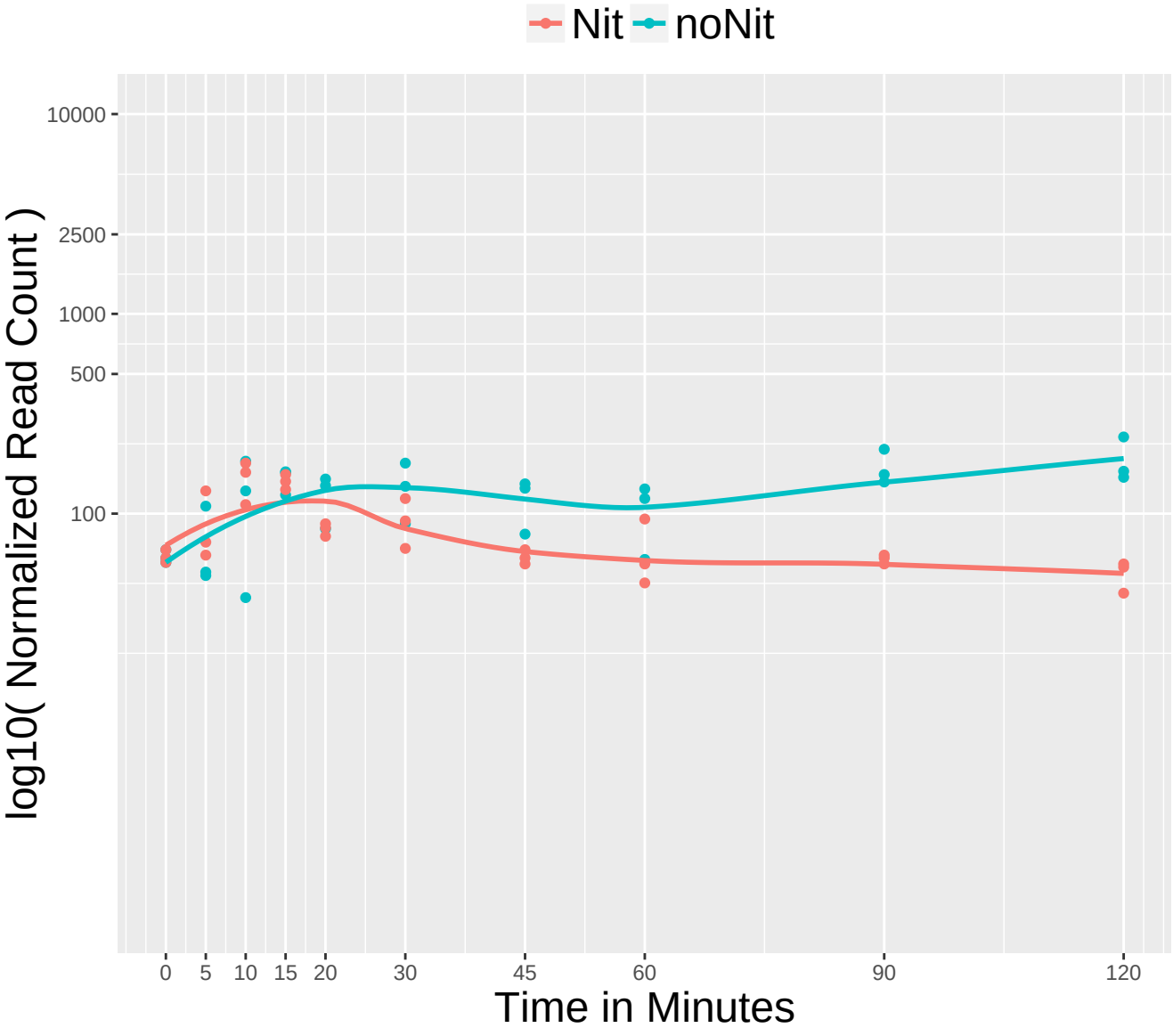

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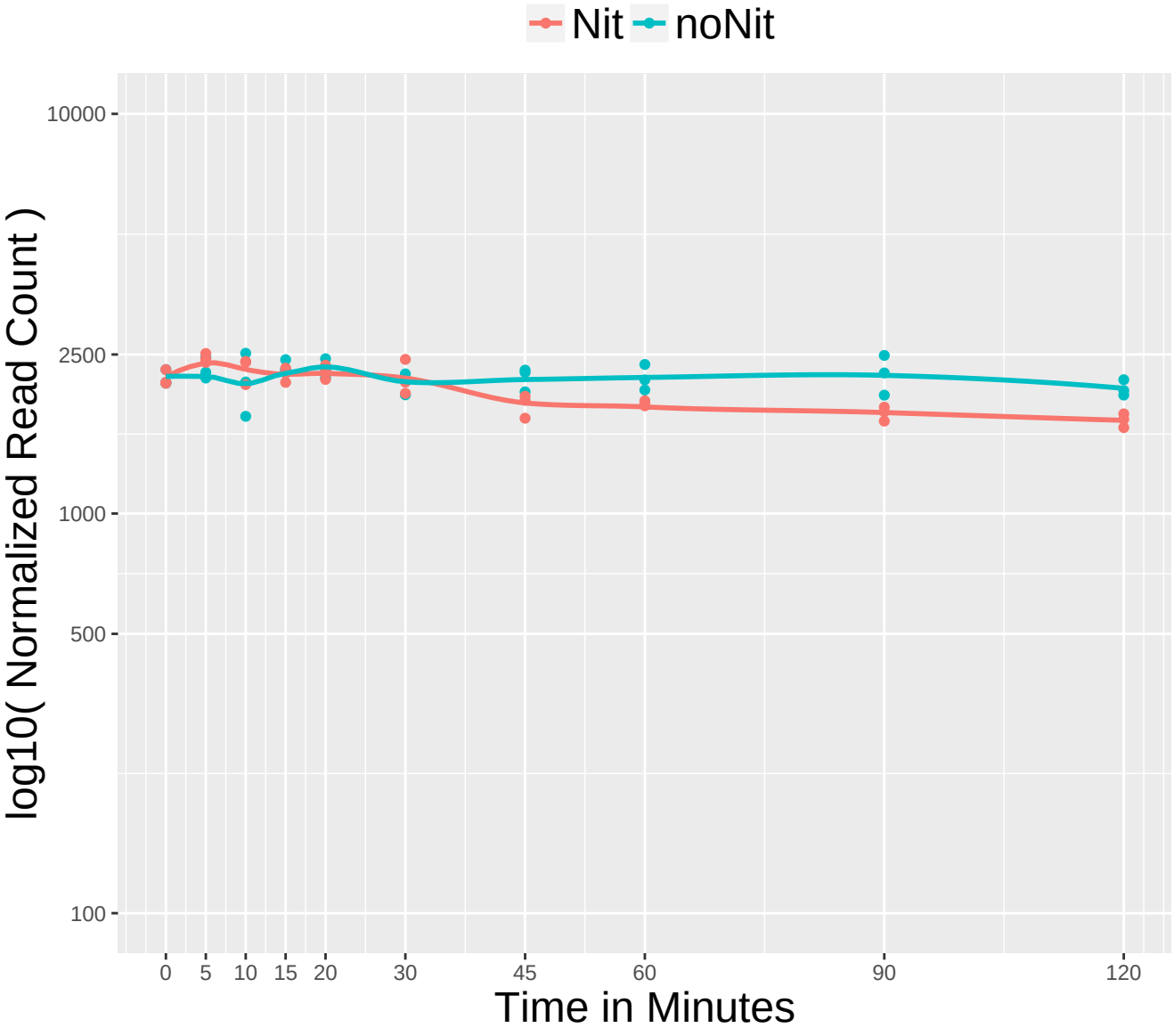
kinectin−related



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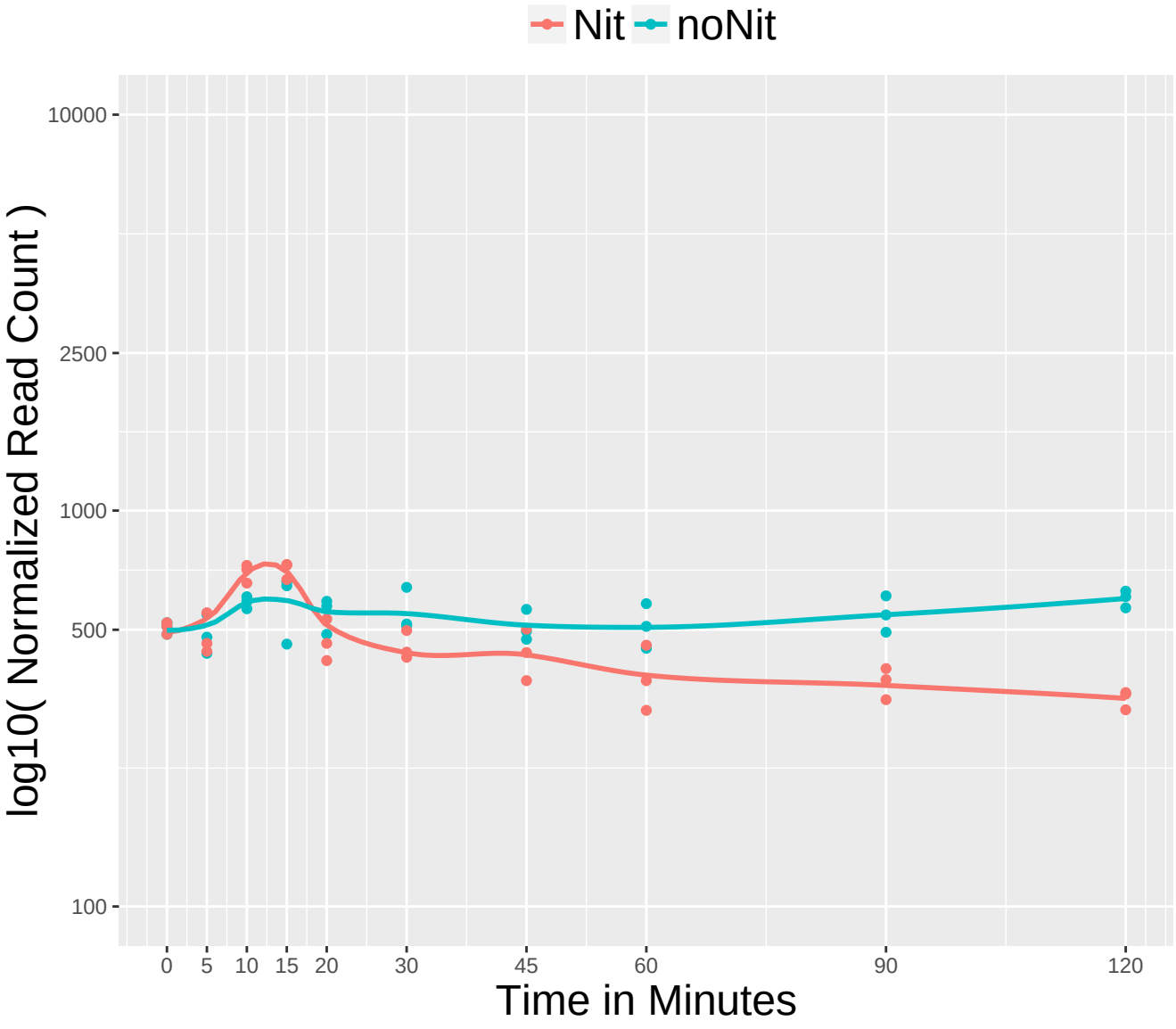
RKF1,receptor−like



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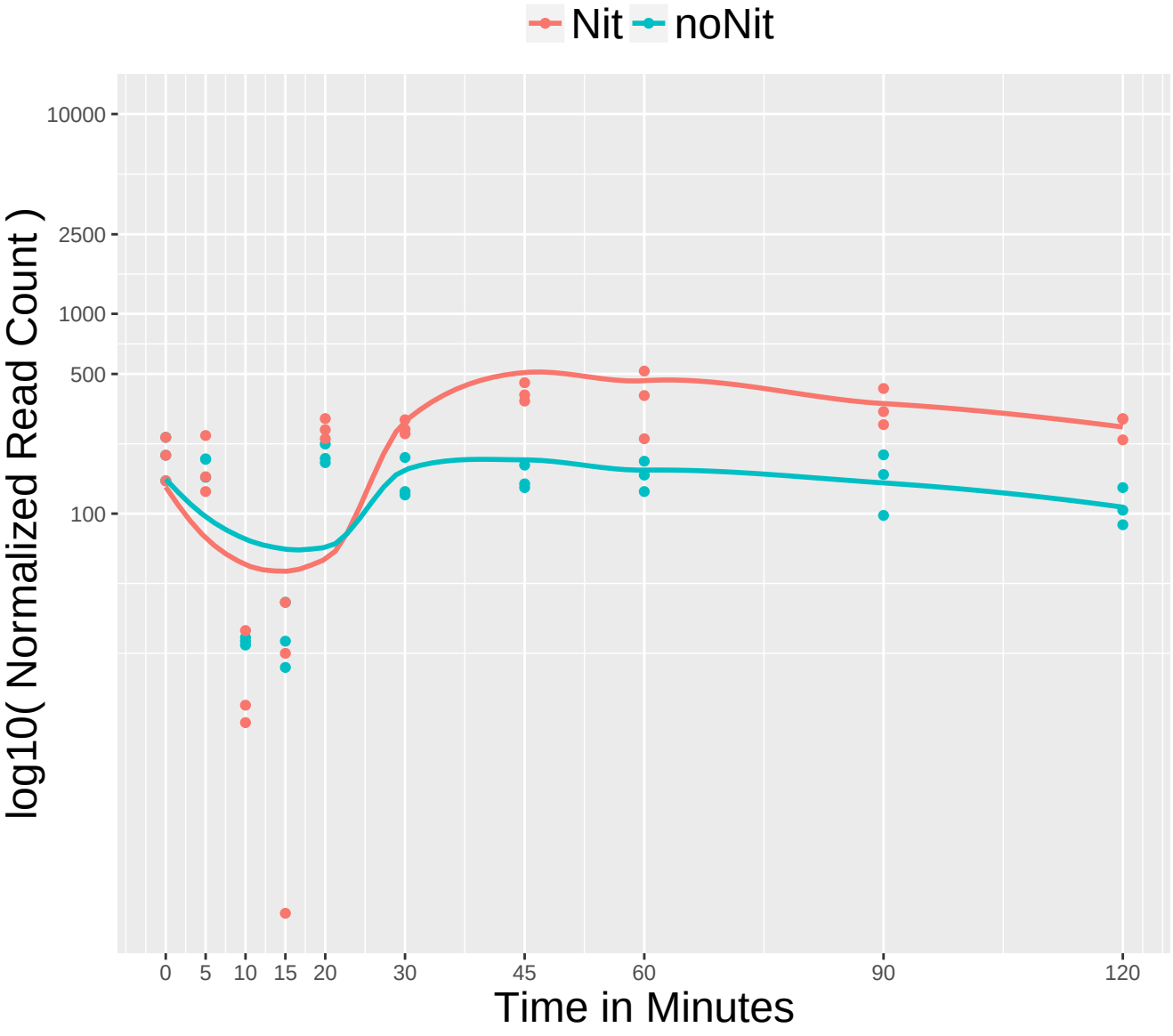
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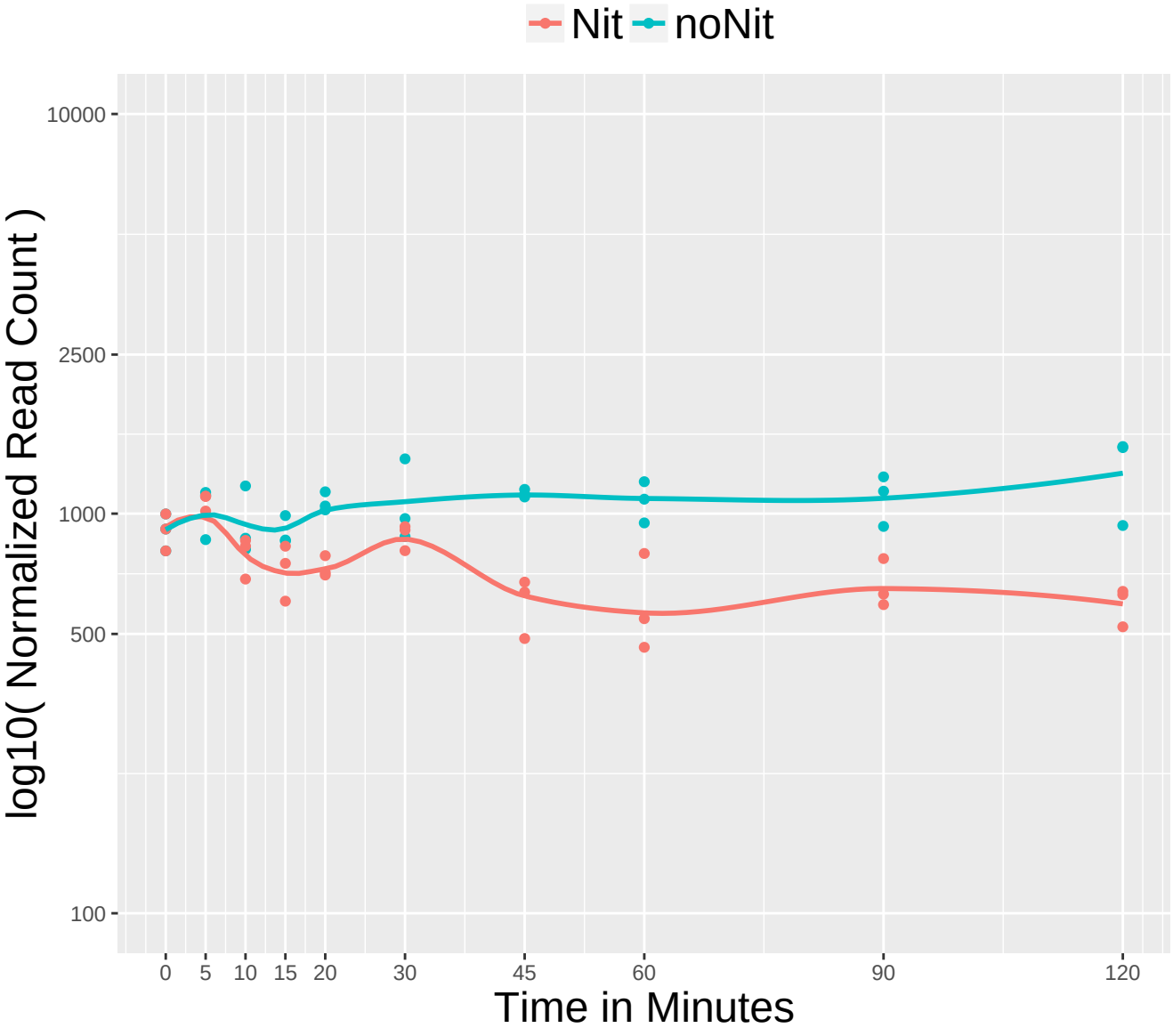
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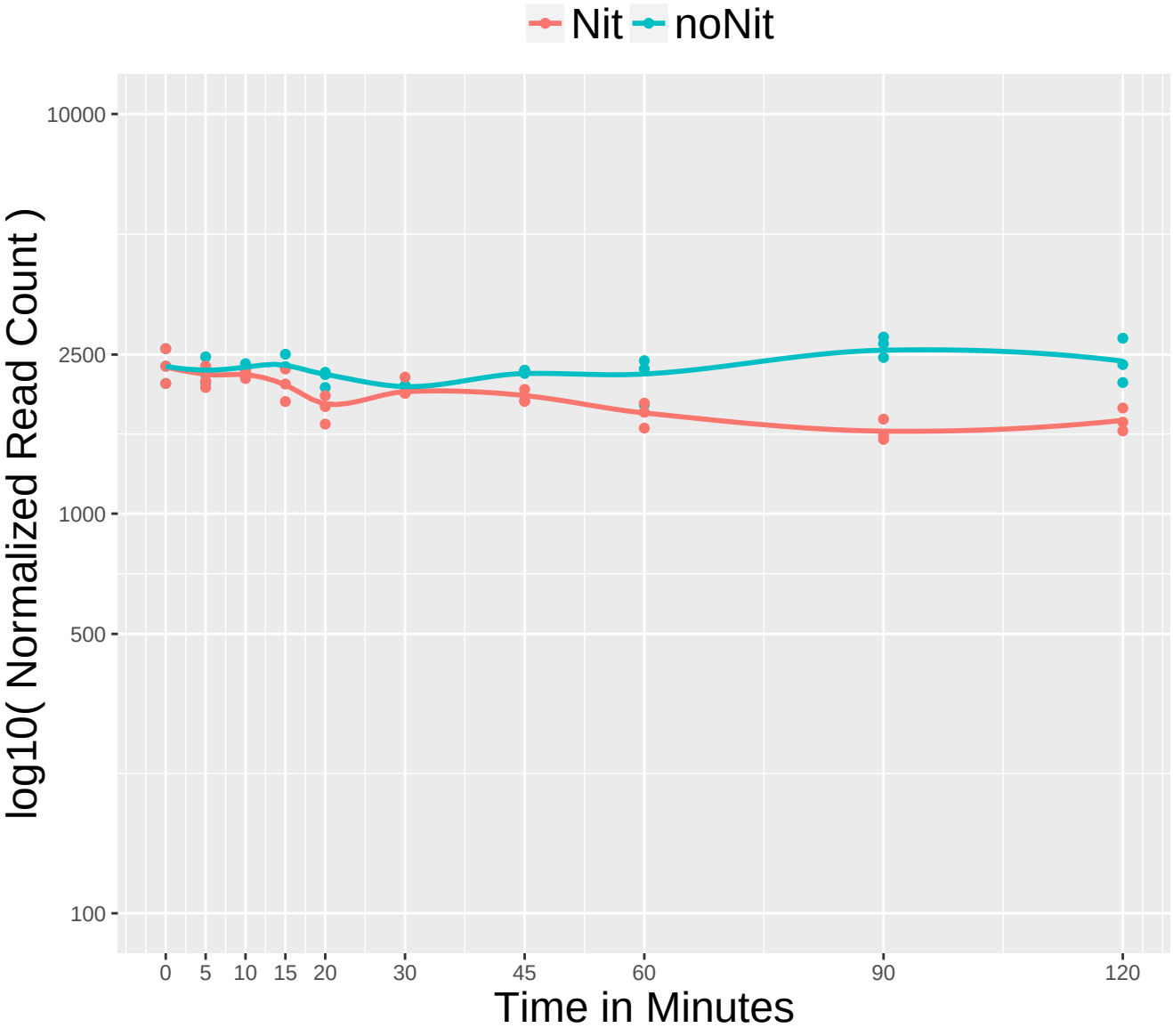
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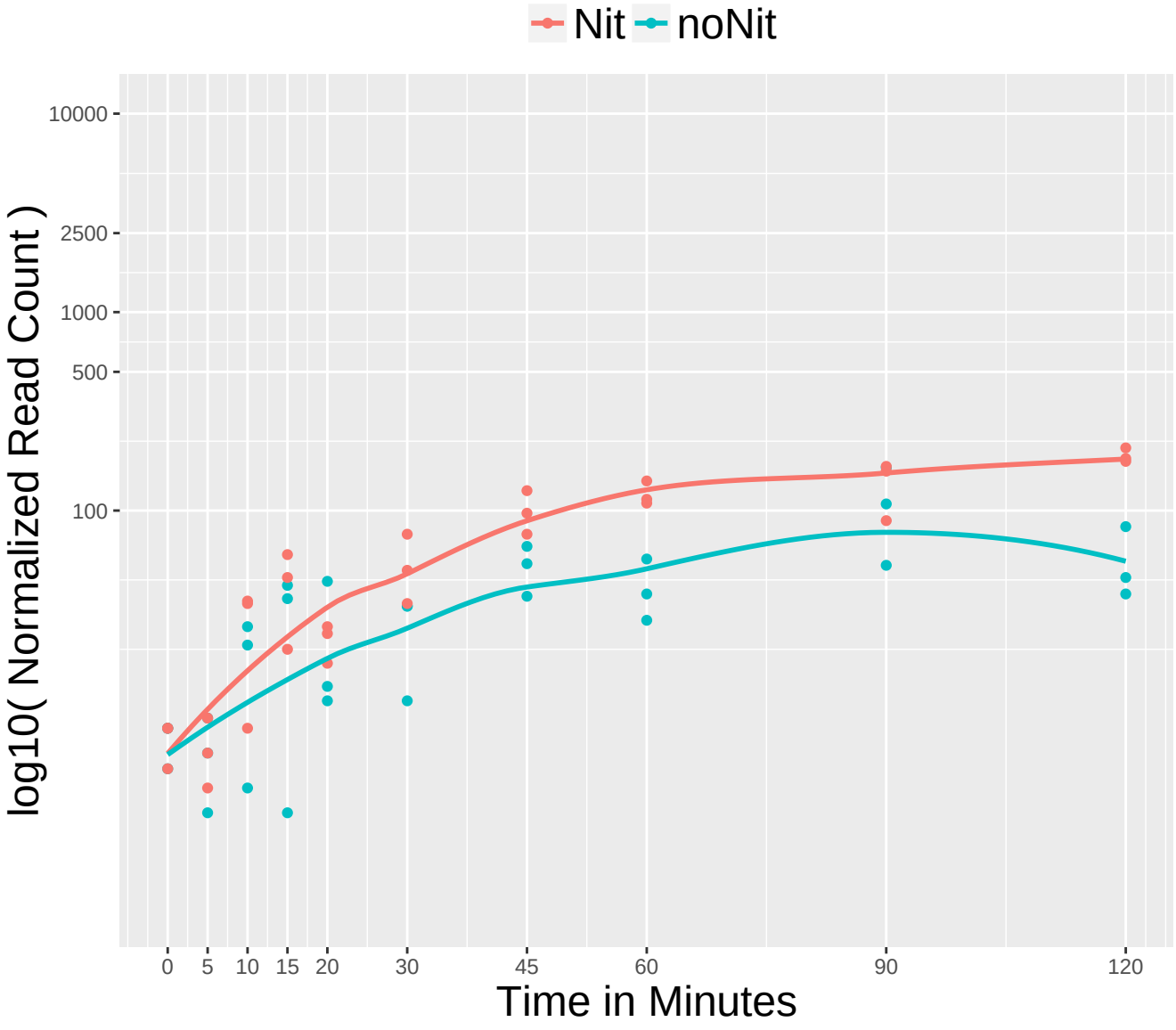
AT2G31085

AtCLE6,,CLE6,CLAVATA3/ESR−RELATED



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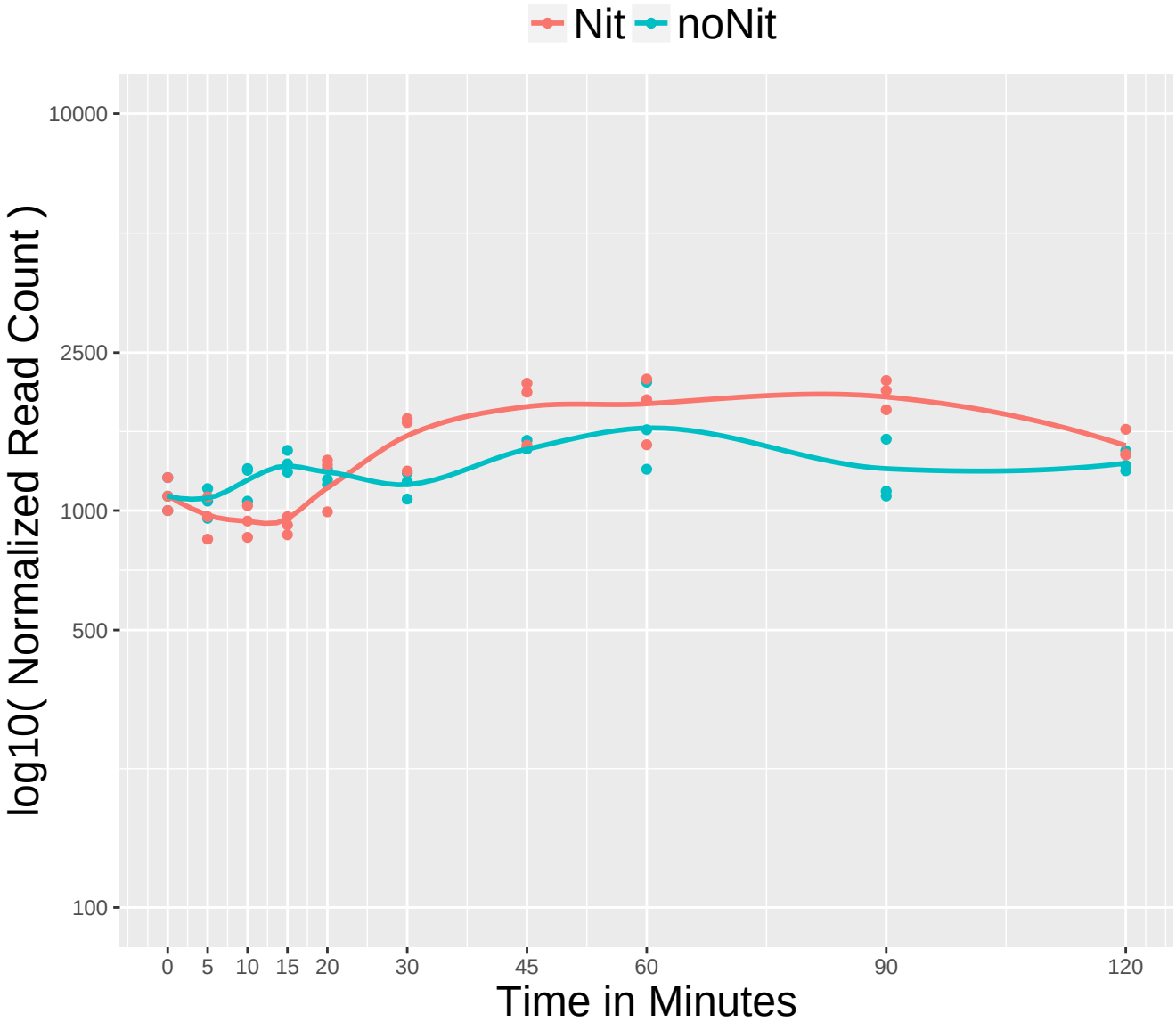
ATCPL3,,CPL3,C−terminal



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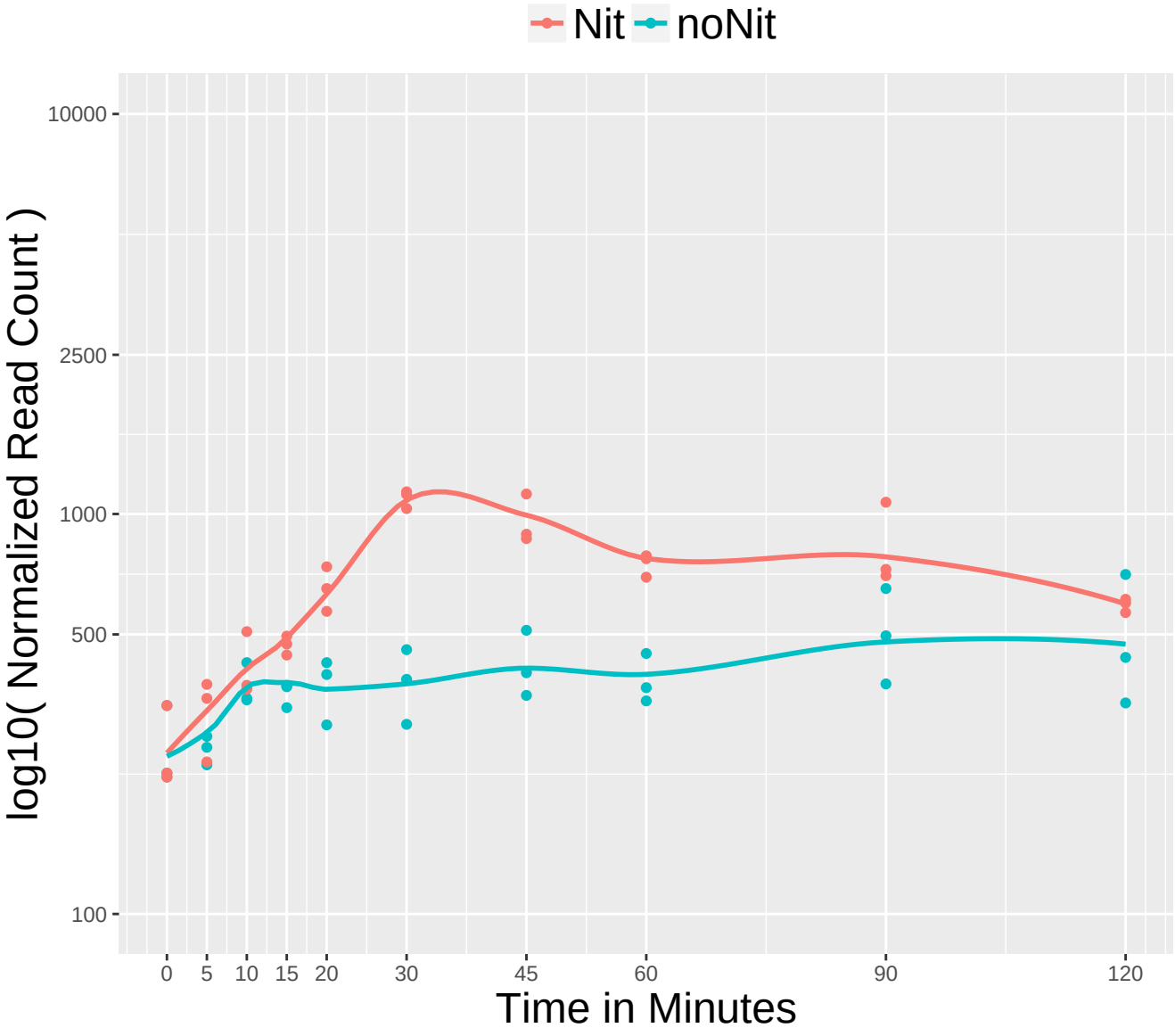
Plant



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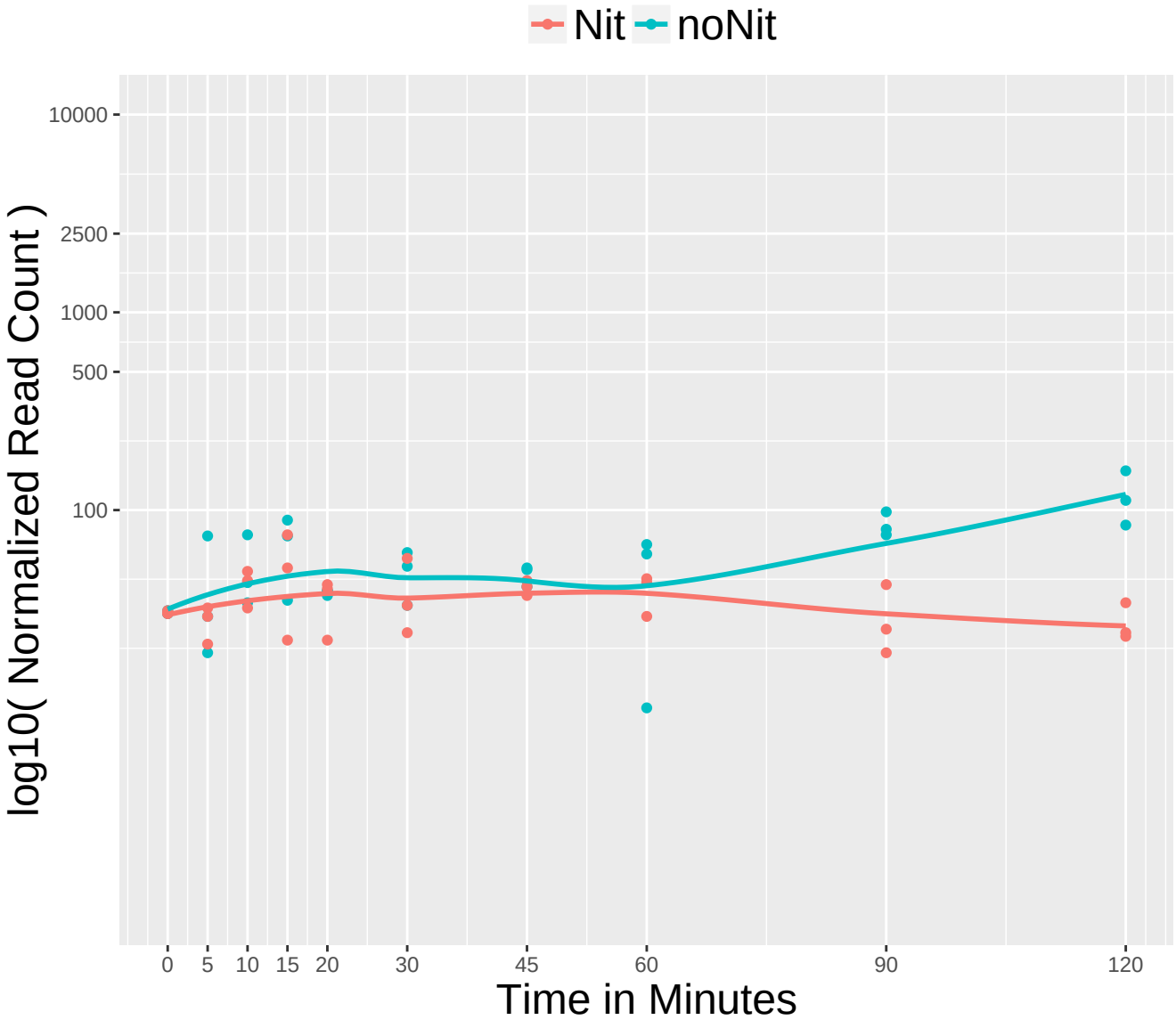
Phosphoinositide−specific



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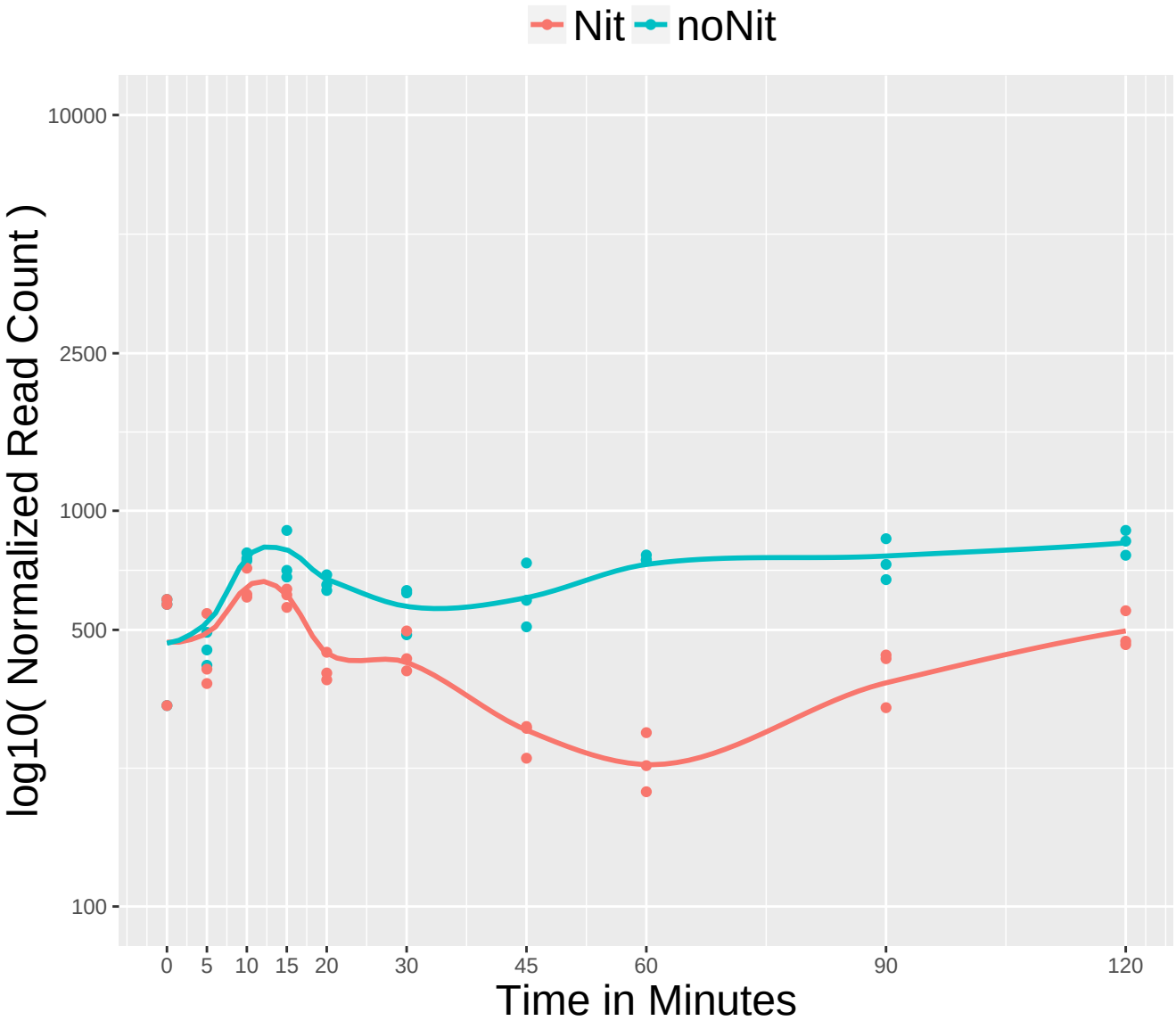
UMAMIT10,Usually



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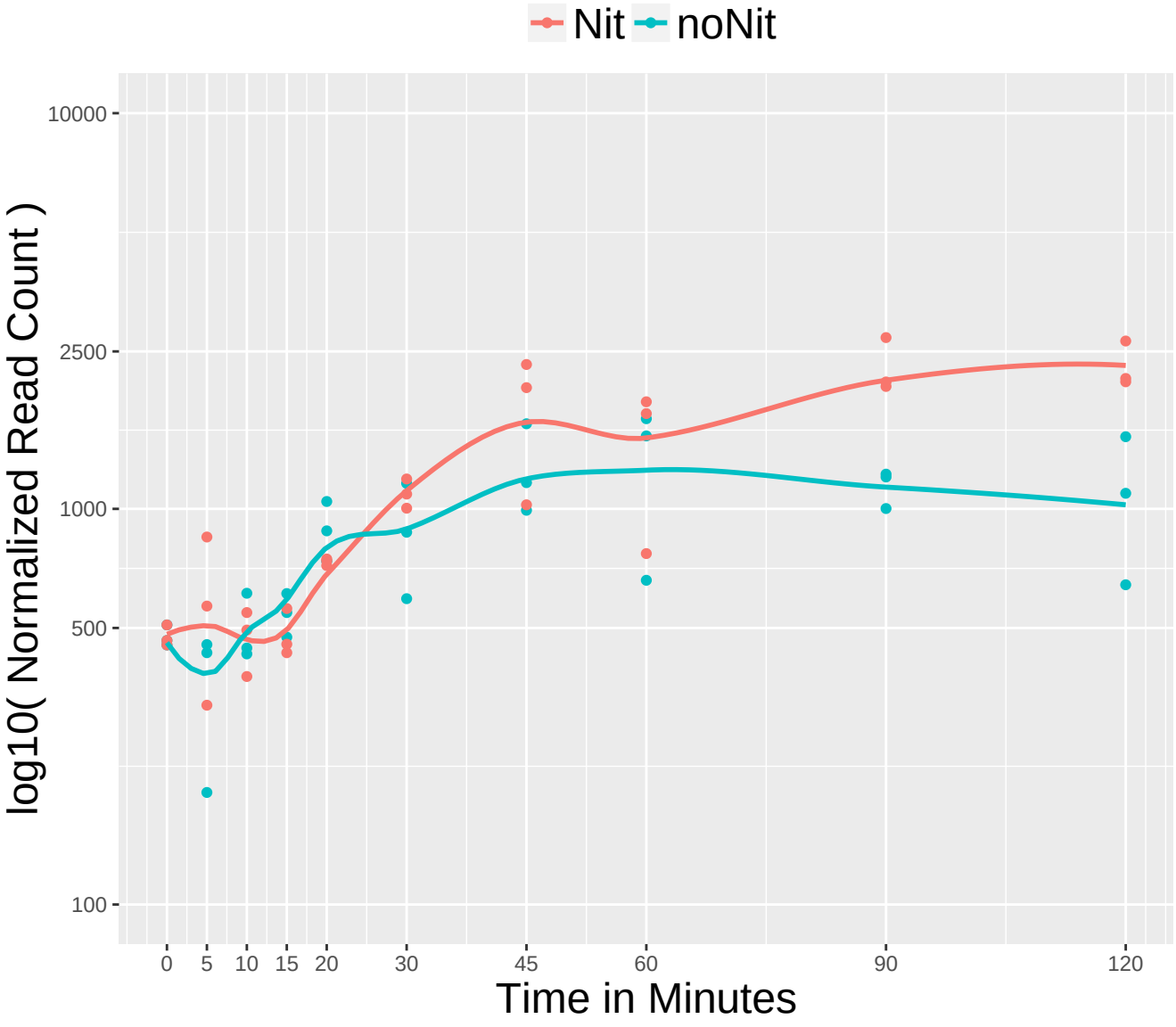
Ankyrin



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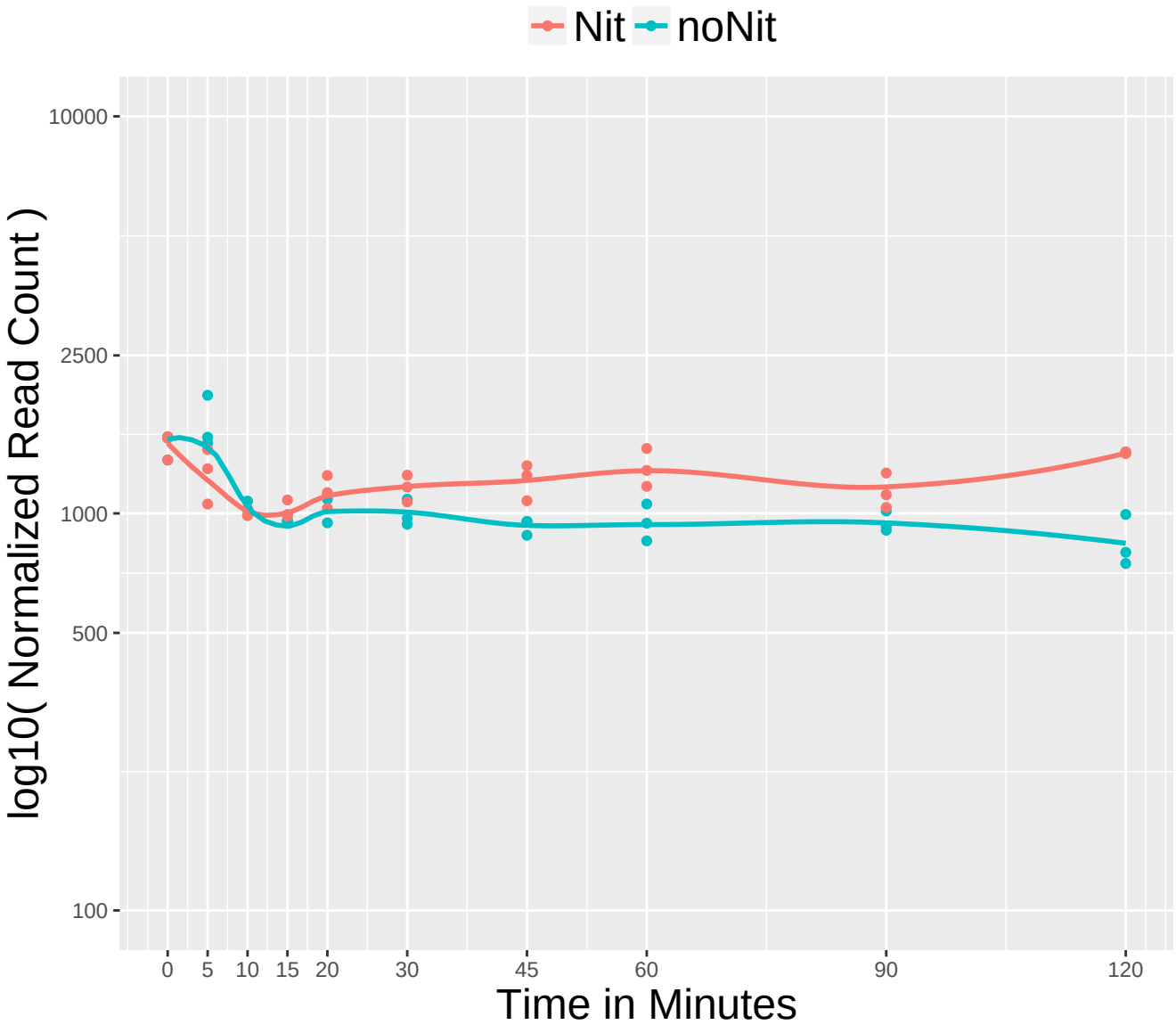
PPX−1,PROTEIN



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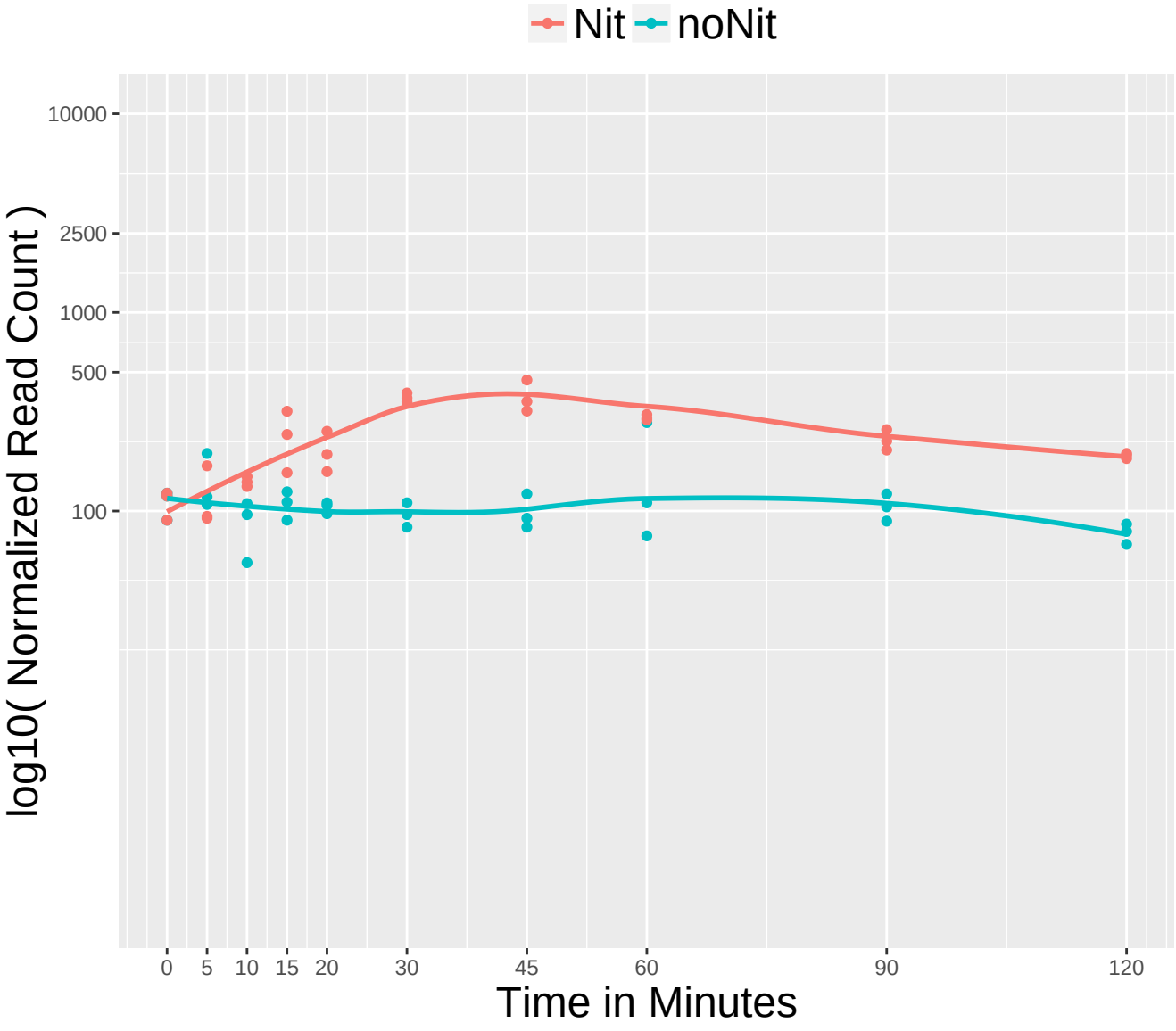
BEE2,BR



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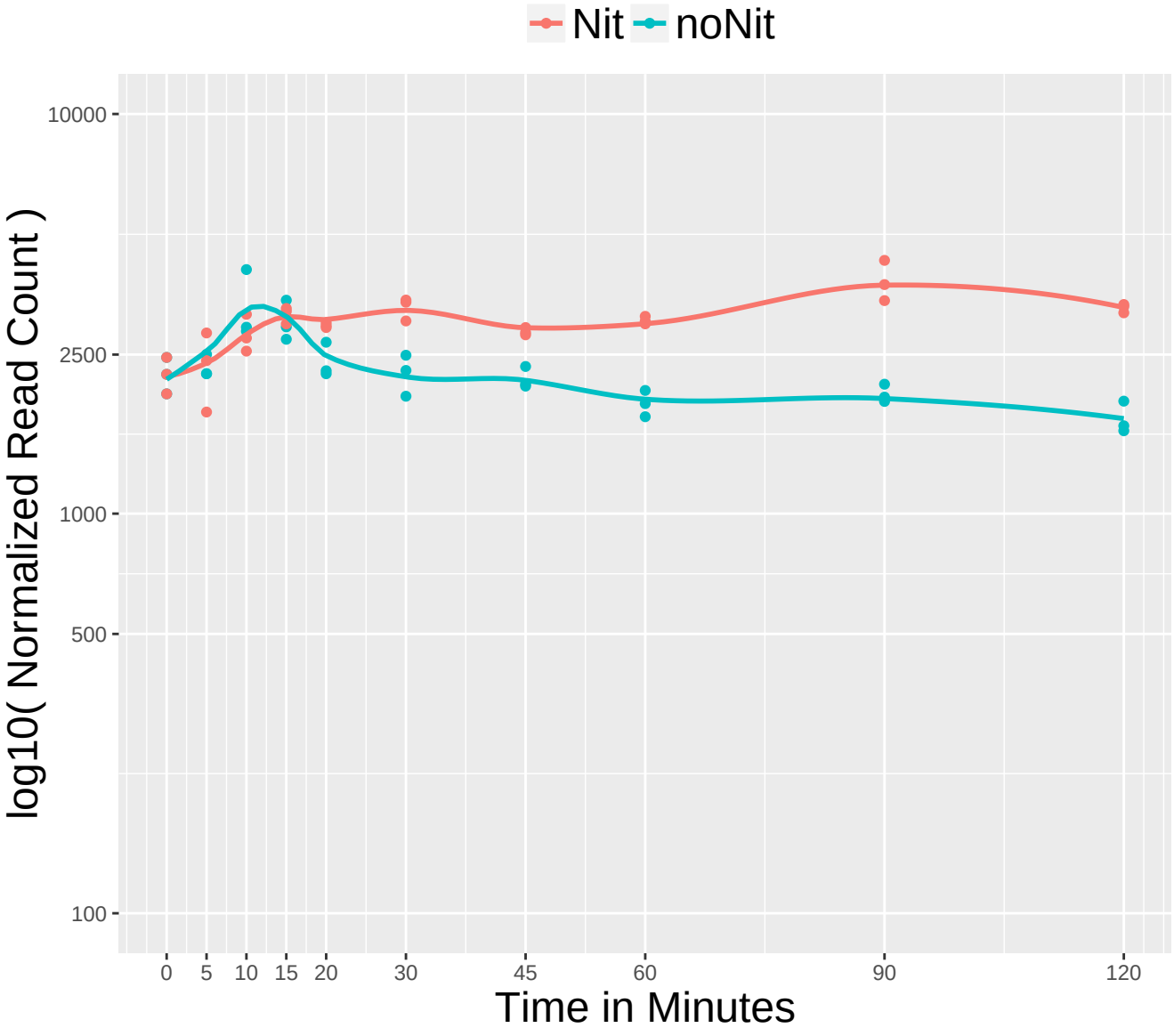

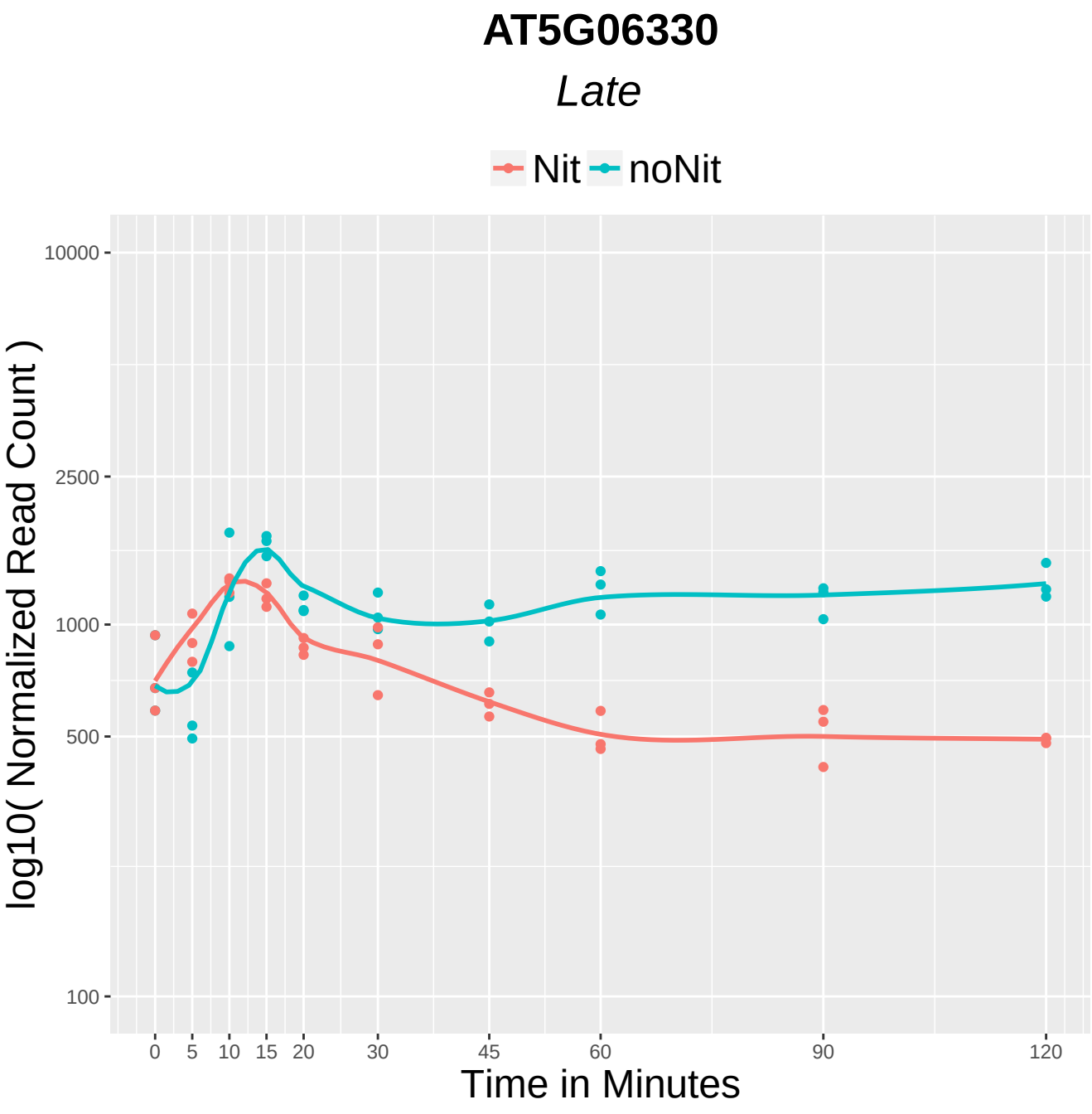
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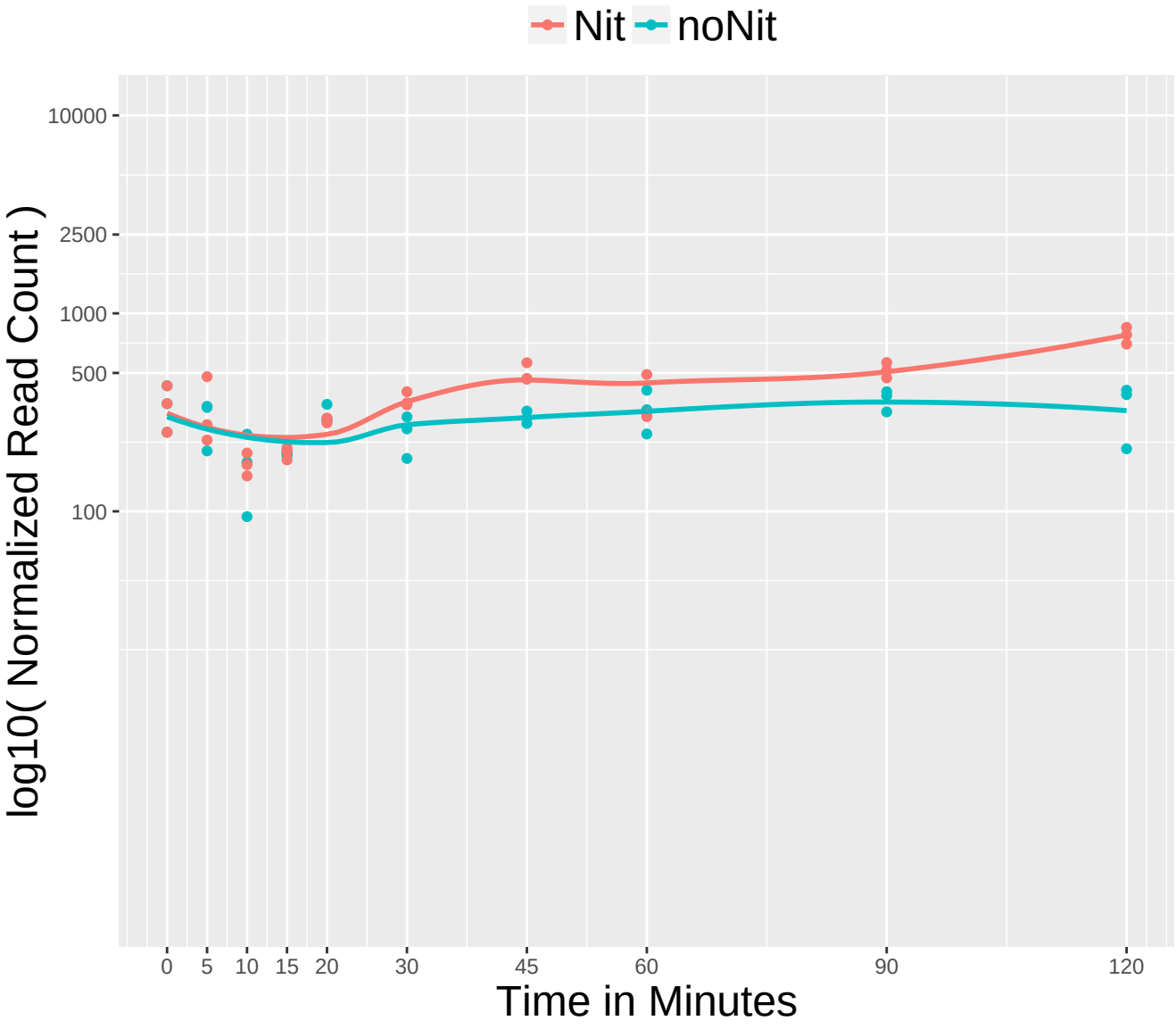
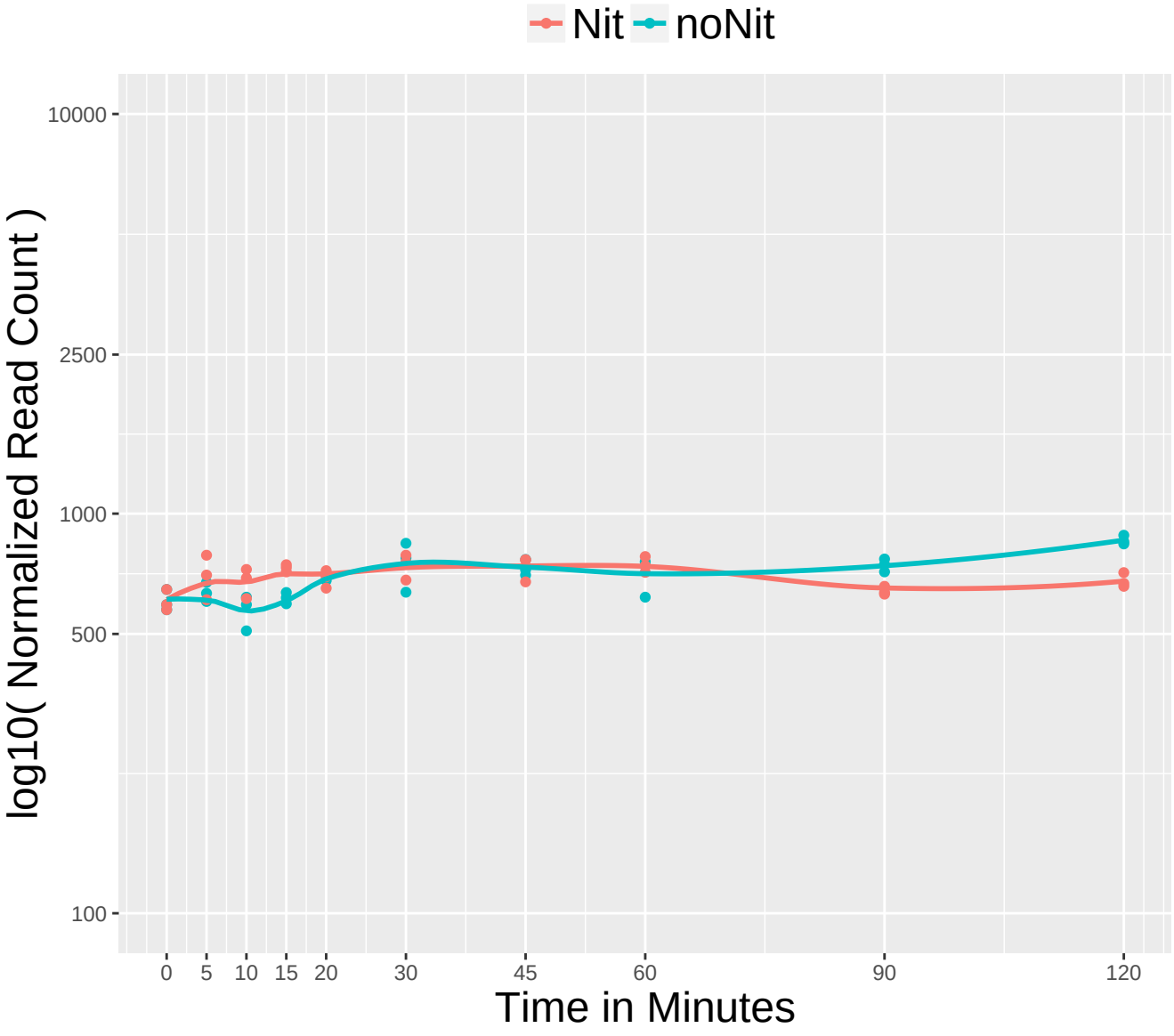
AT5G09720

Magnesium



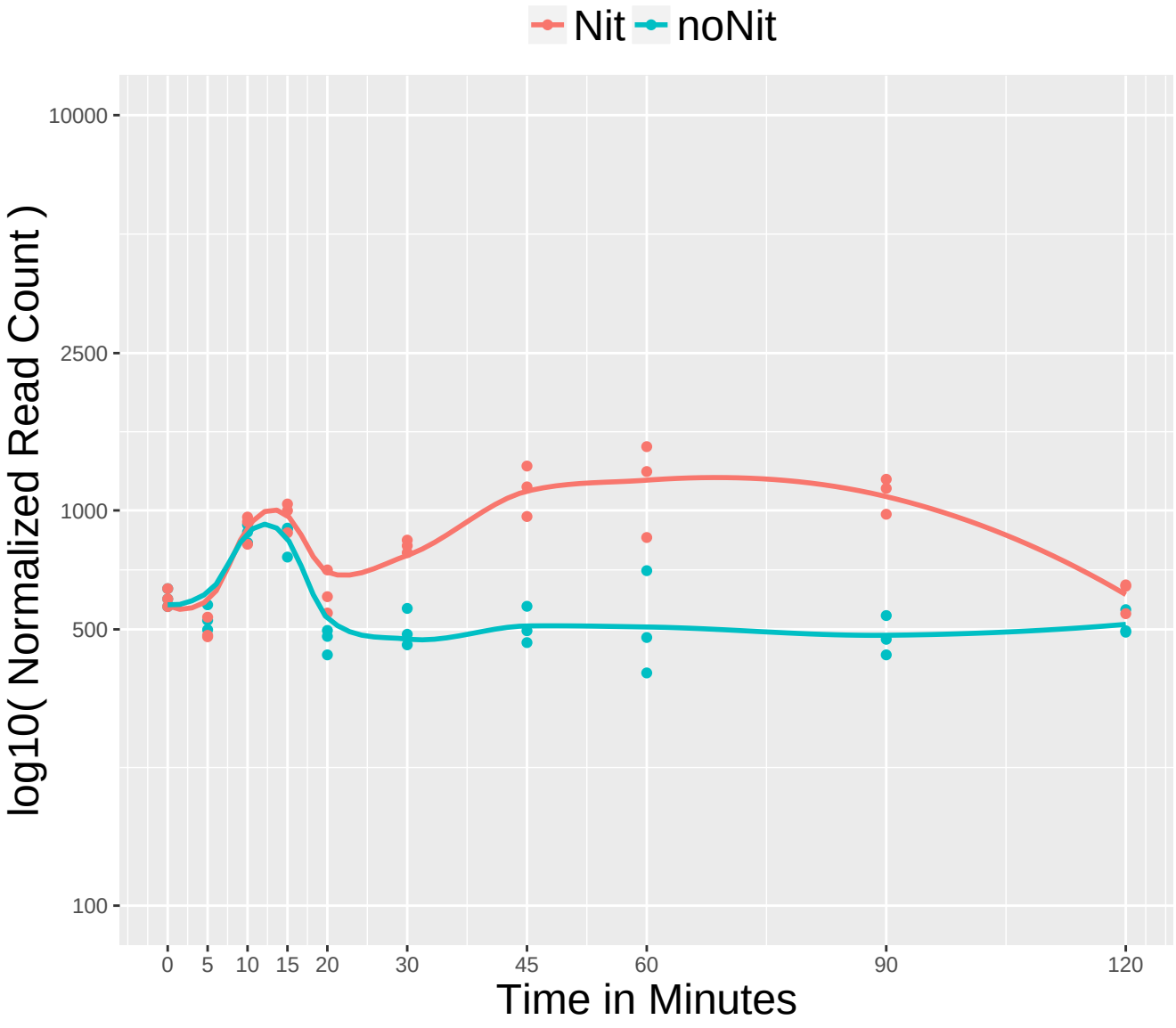
AT5G14790

ARM



AT5G15070

Phosphoglycerate



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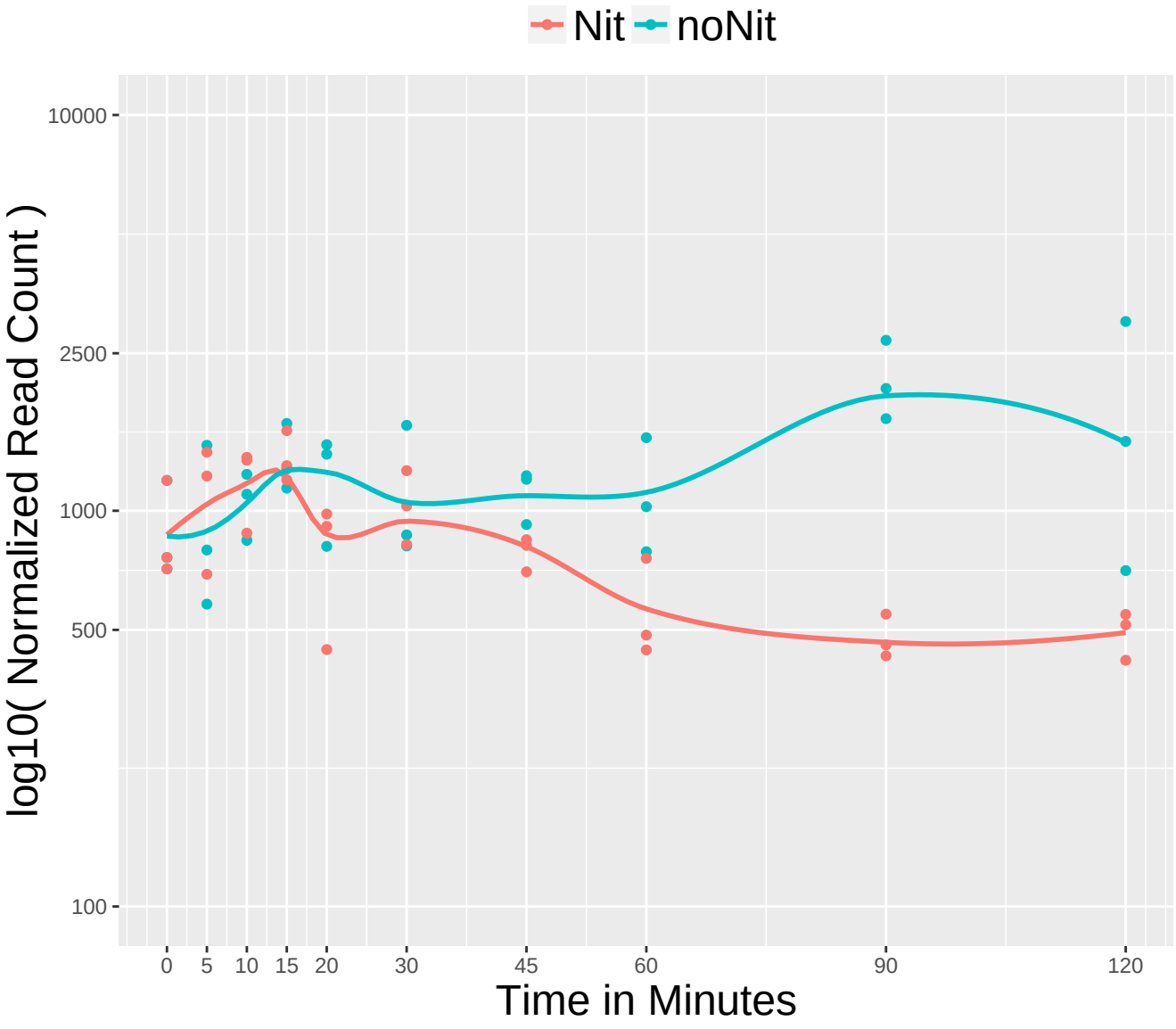

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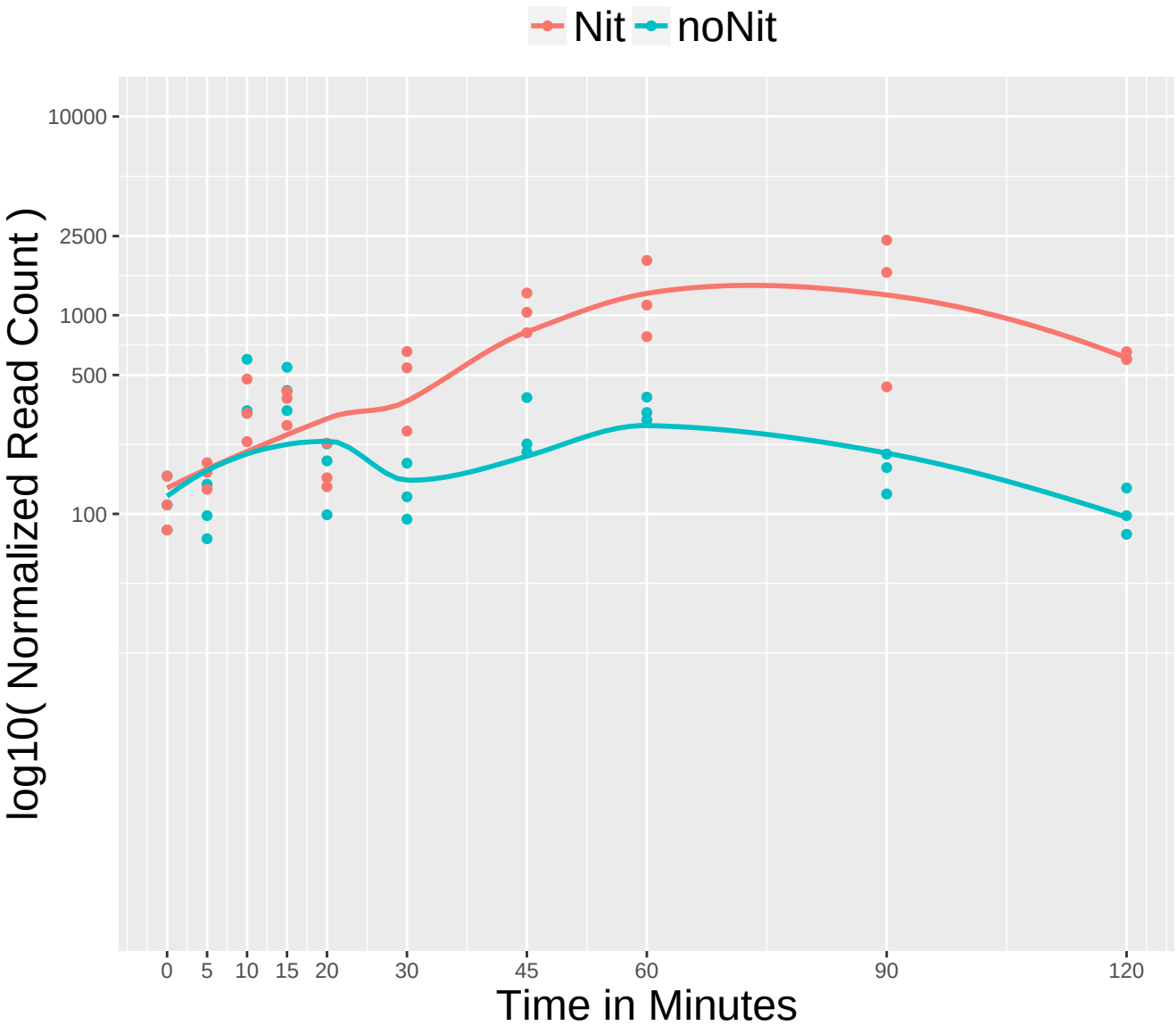
ATSDI1,SULPHUR



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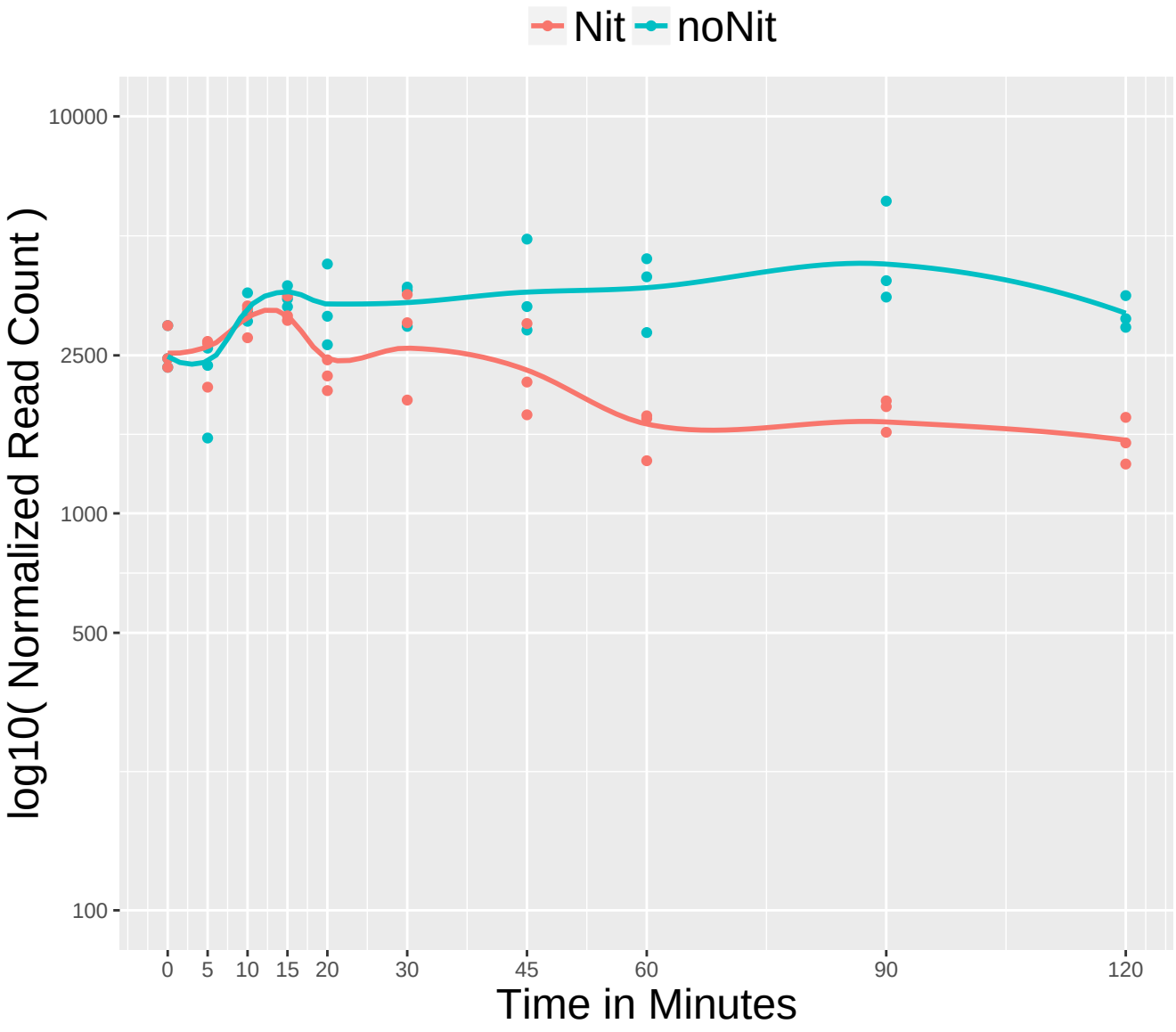
ATOPT4,ARABIDOPSIS



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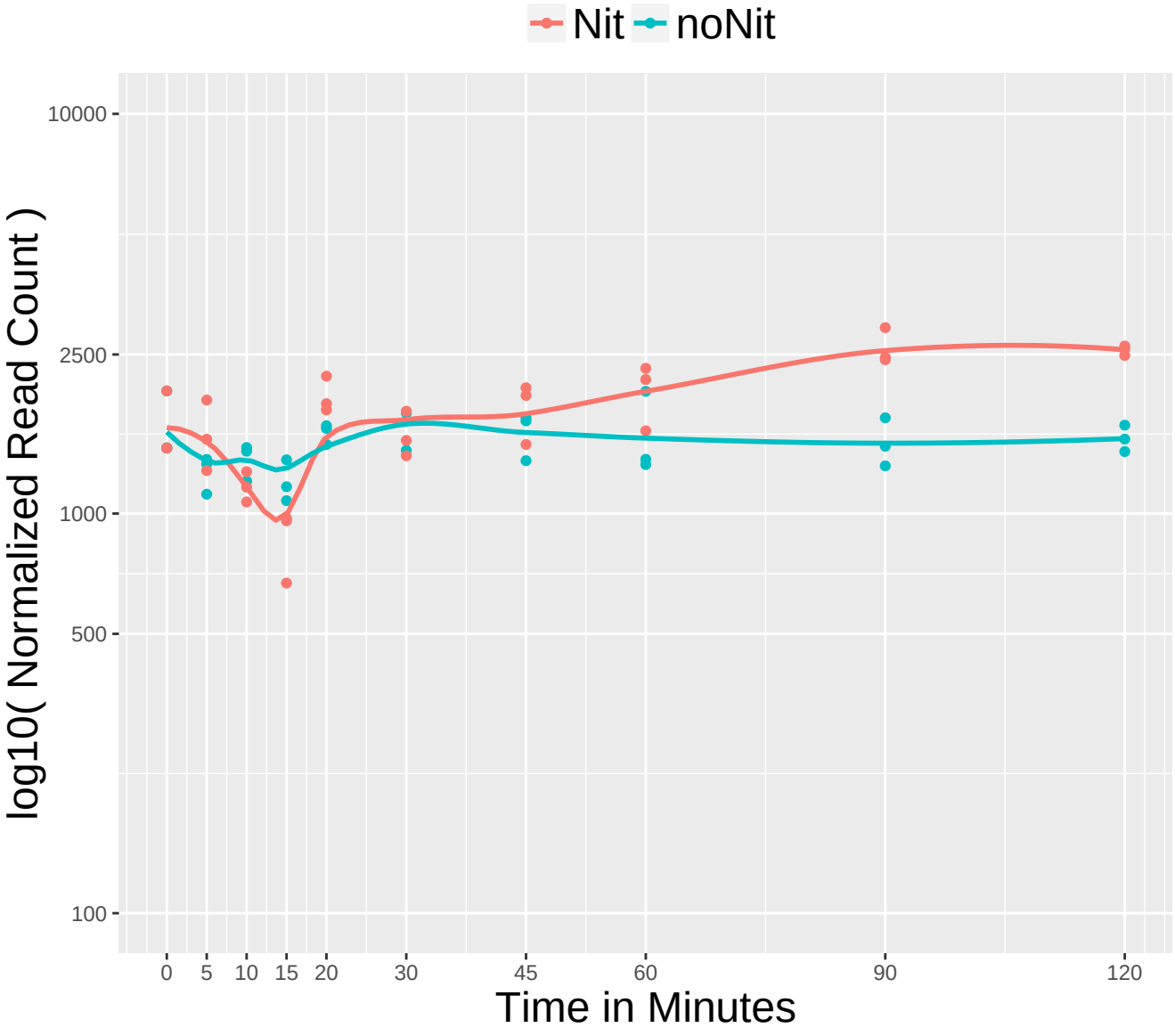
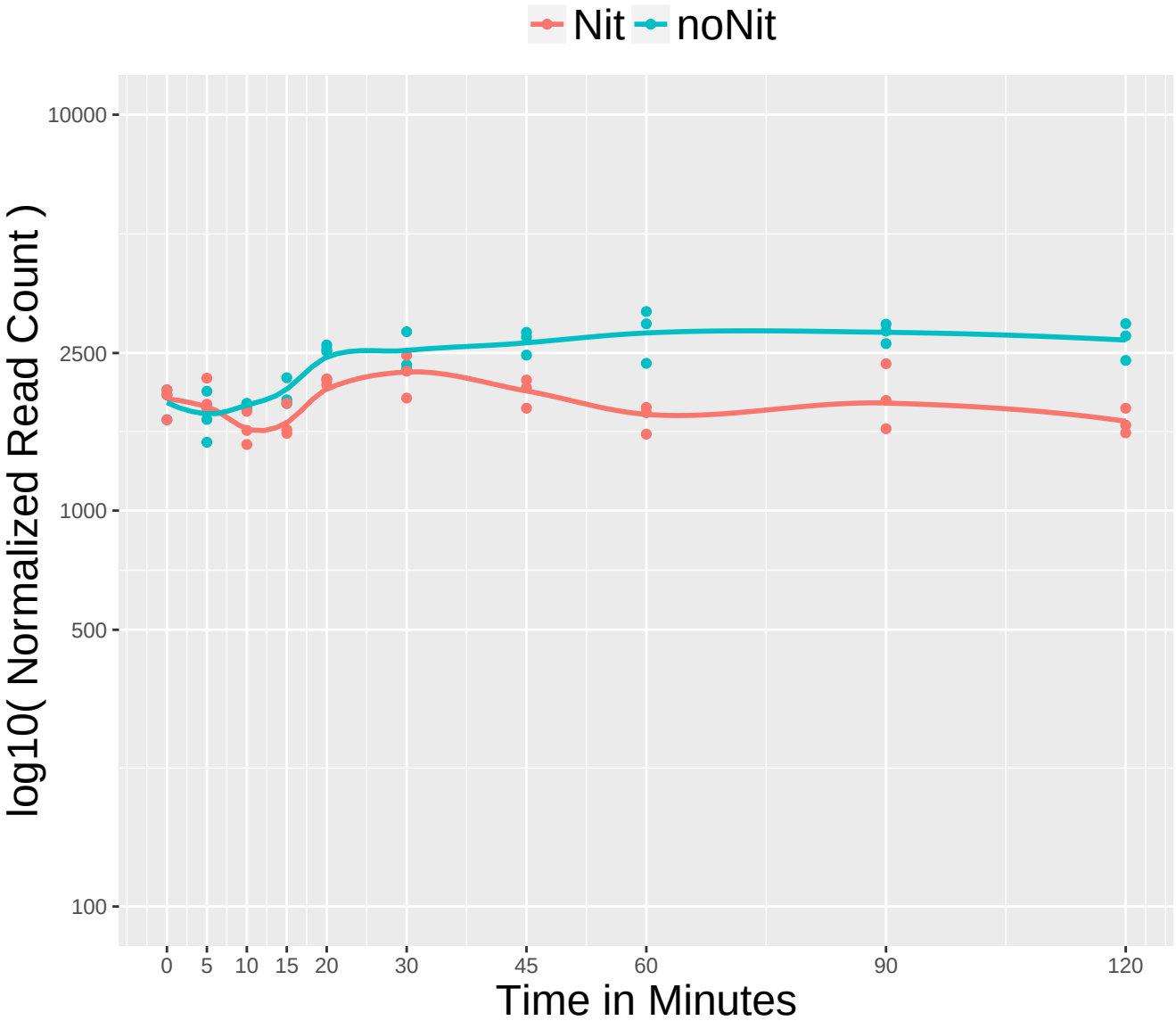


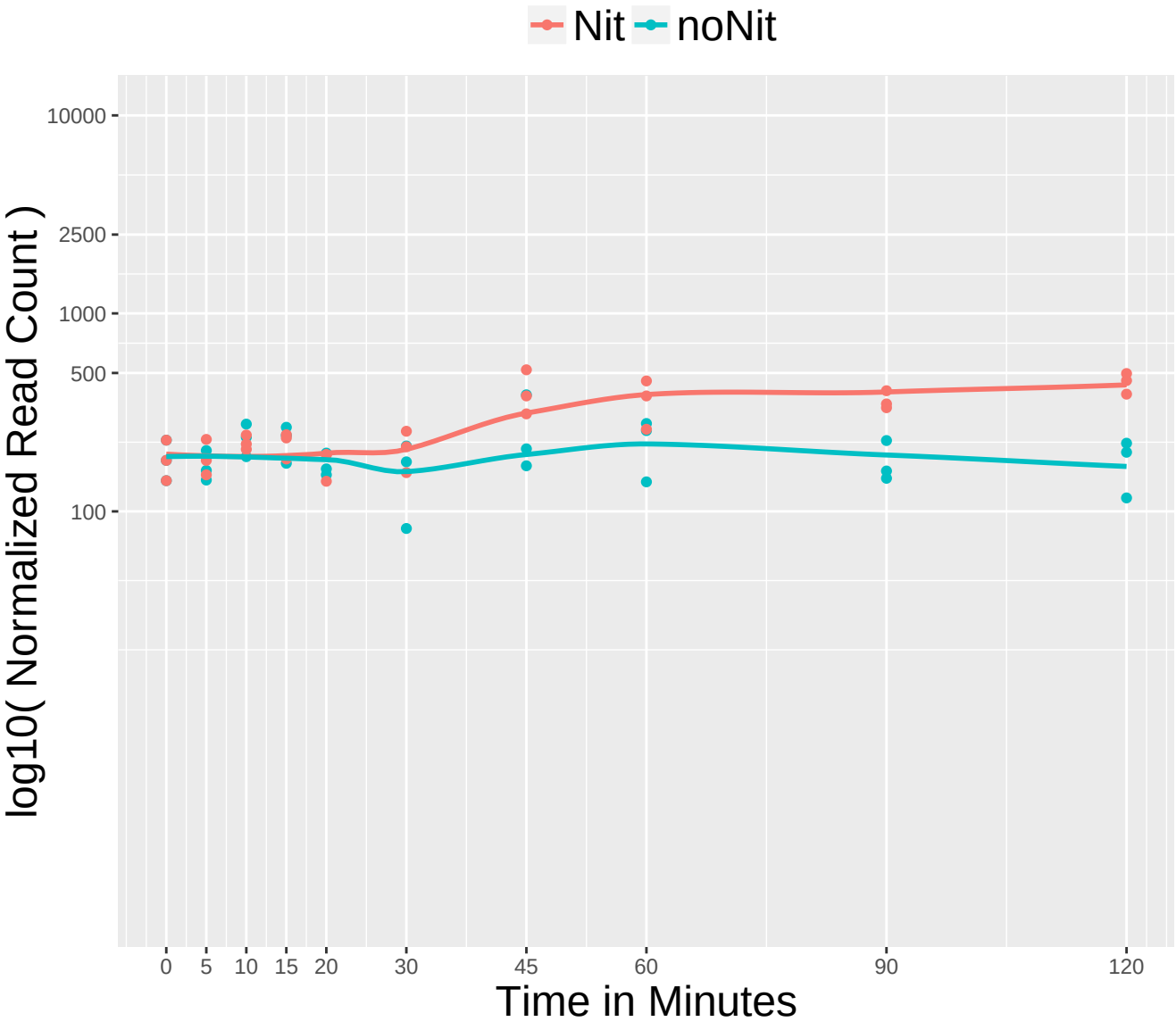
AT1G53730

SRF6,STRUBBELIG−receptor



AT1G60130

Mannose−binding



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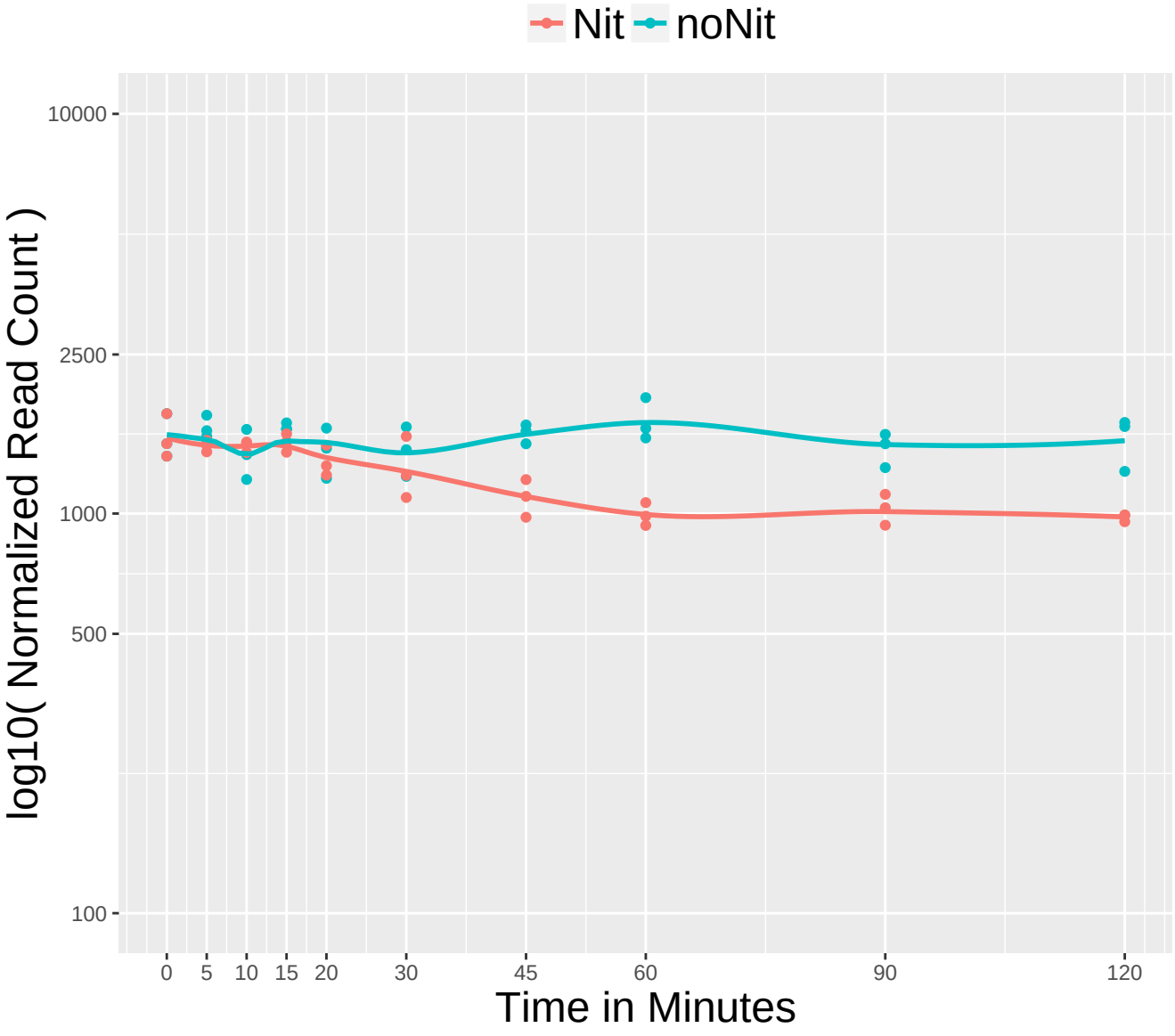
Protein



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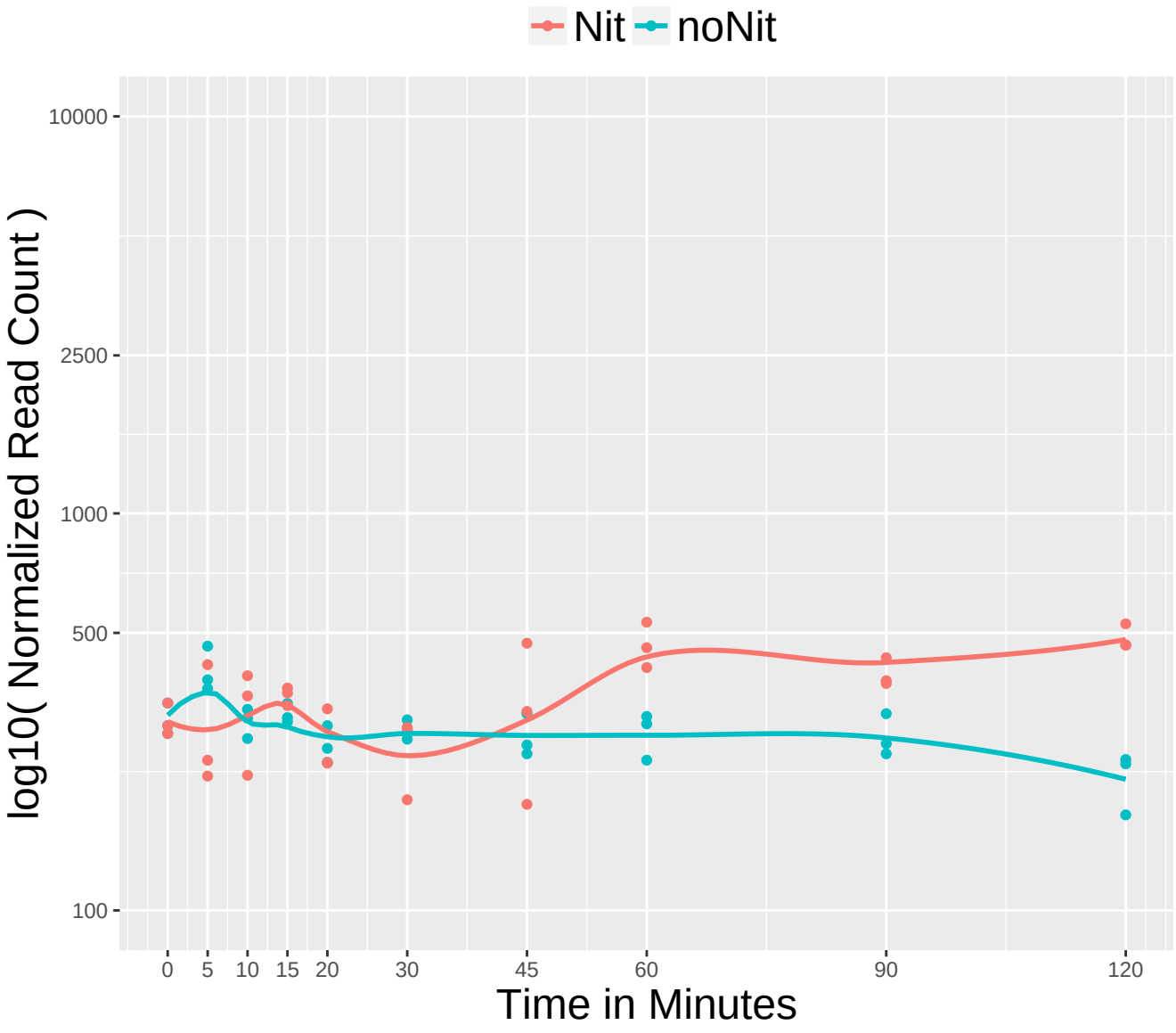

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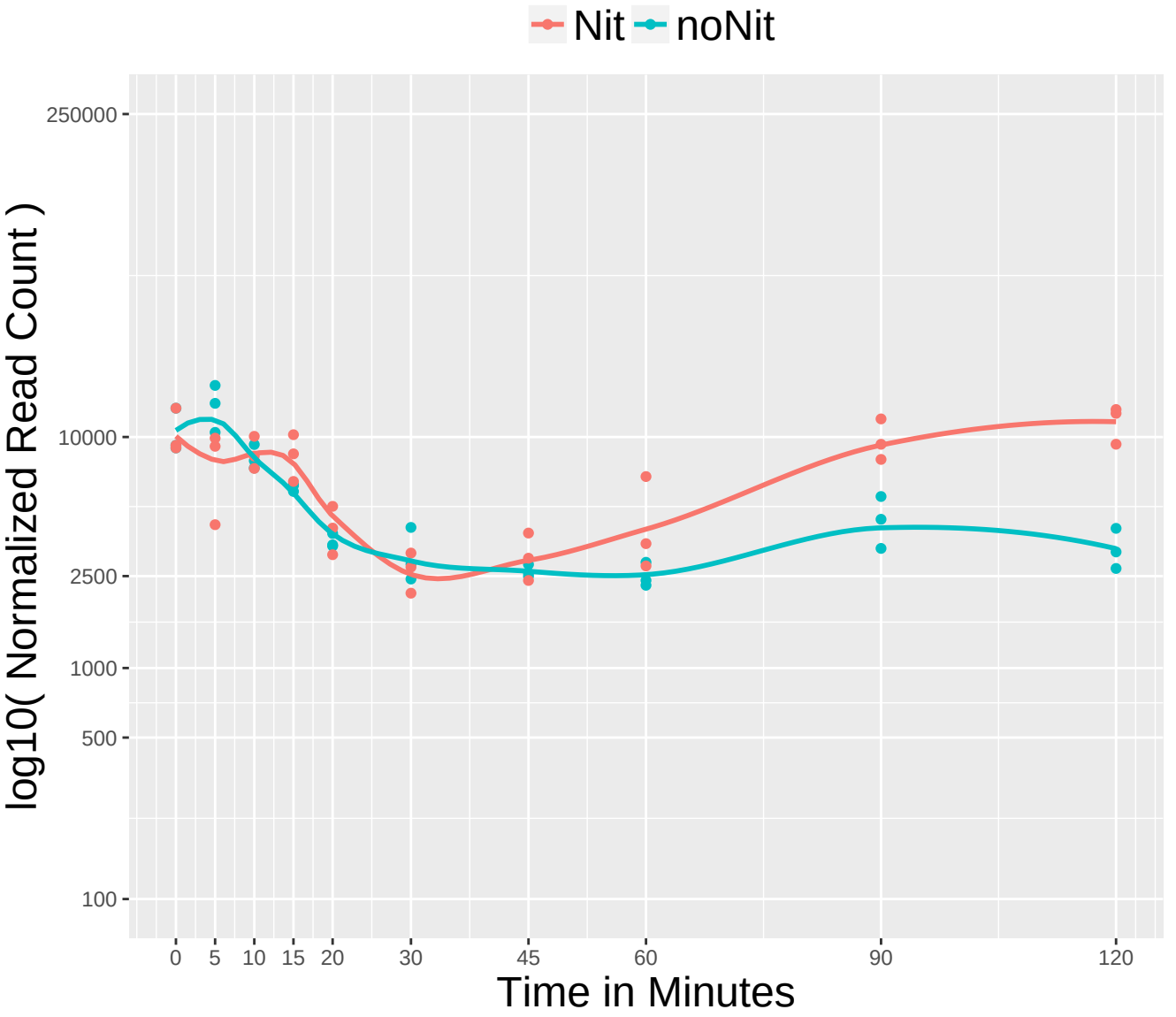

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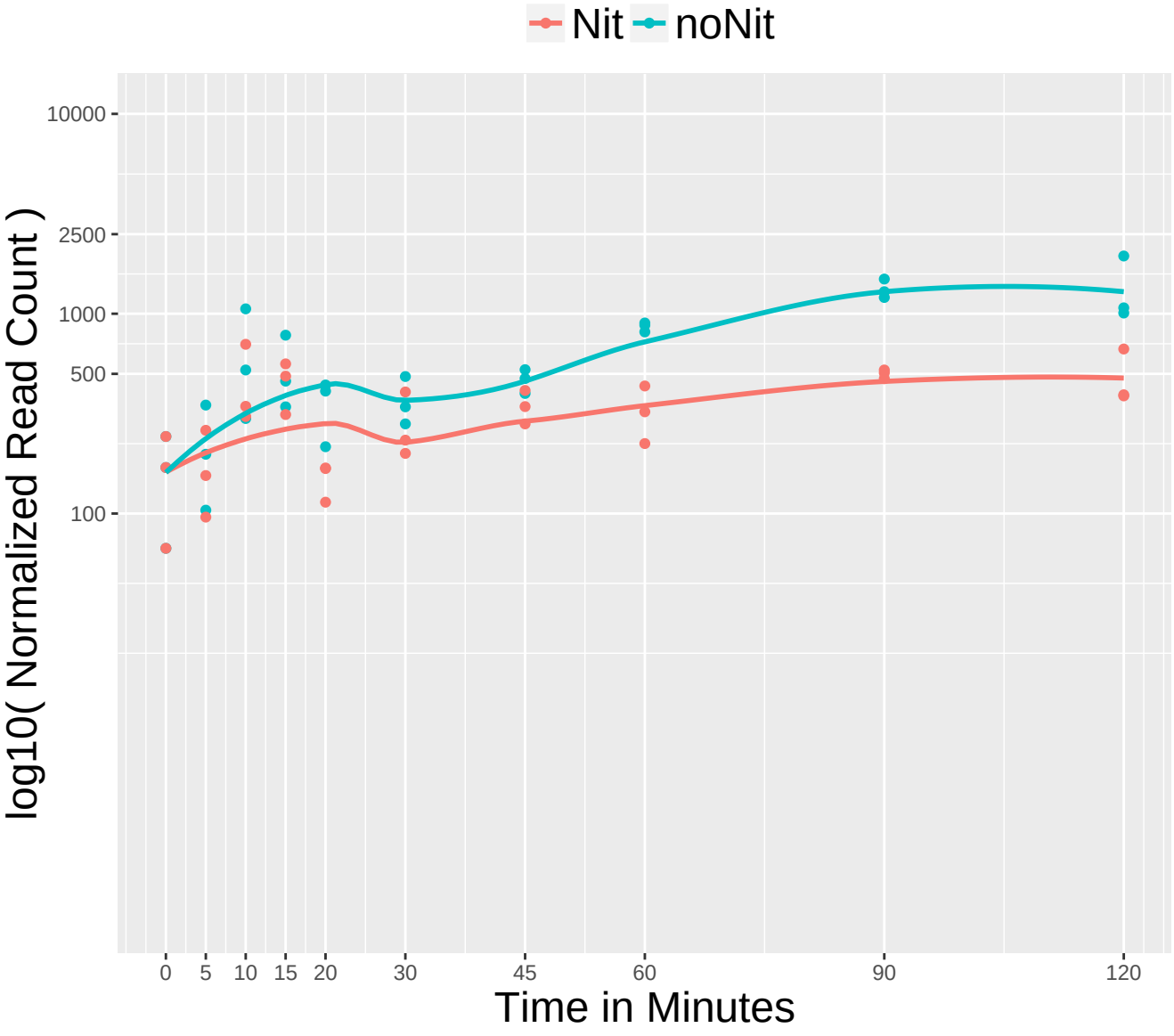

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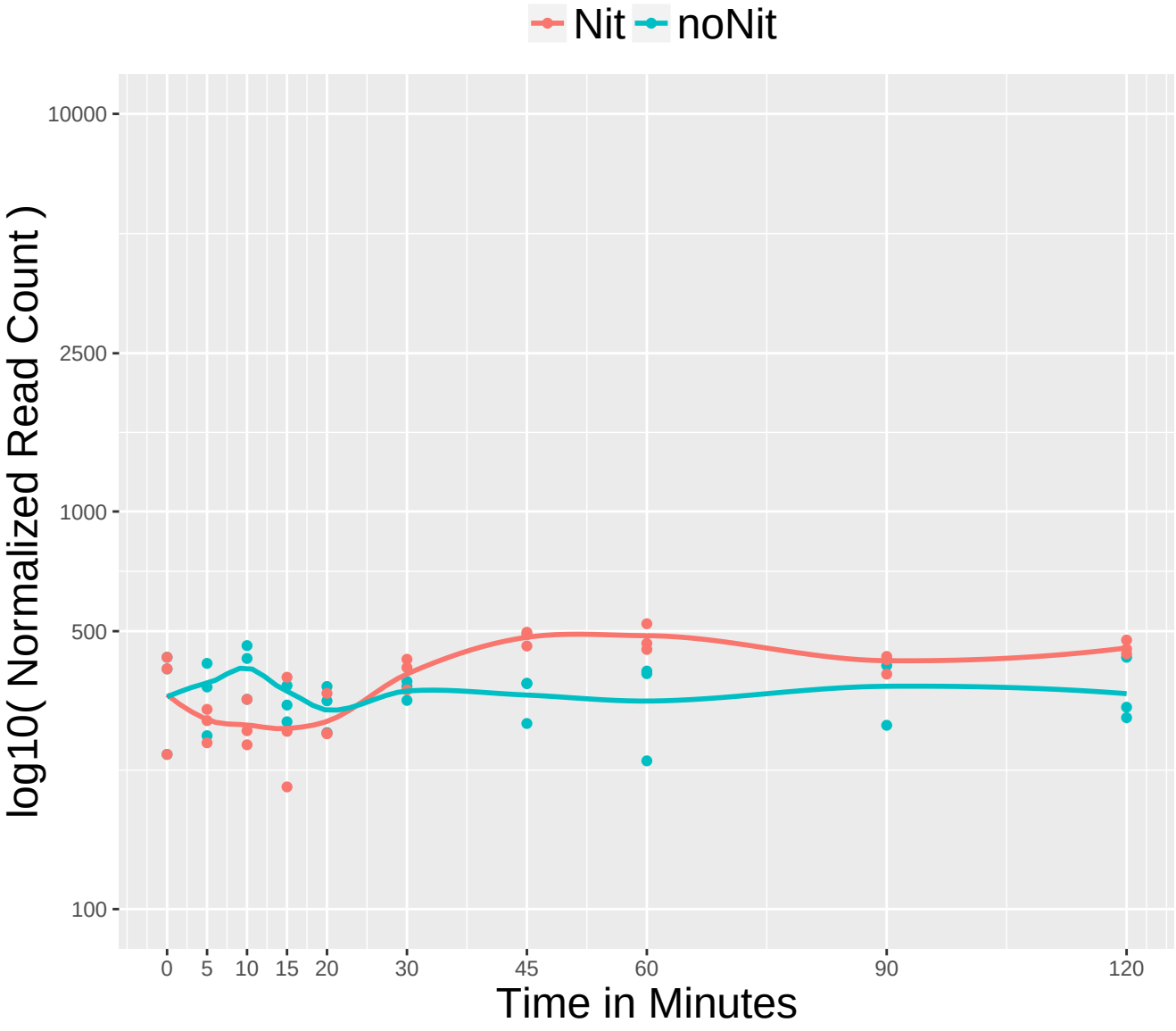

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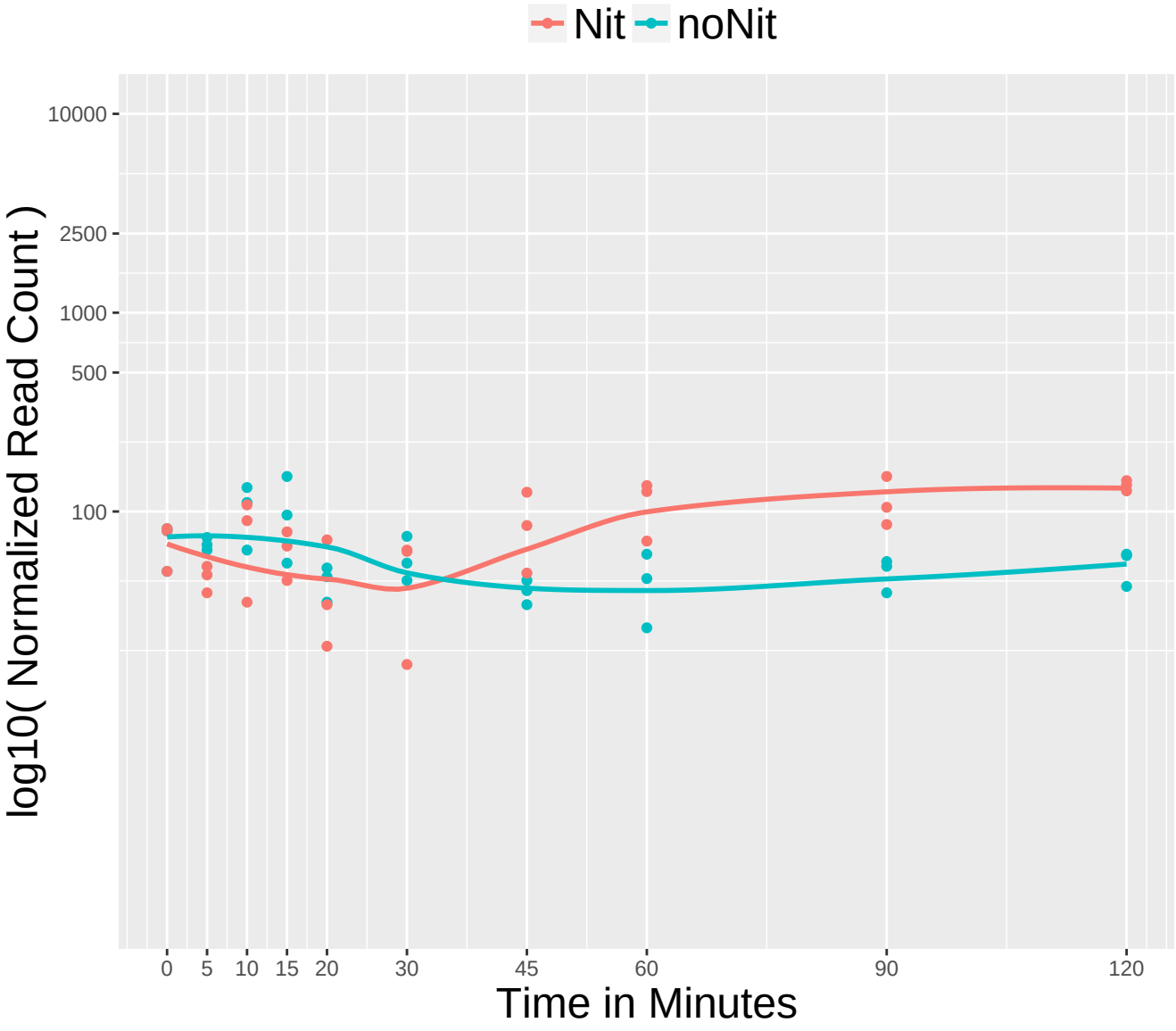

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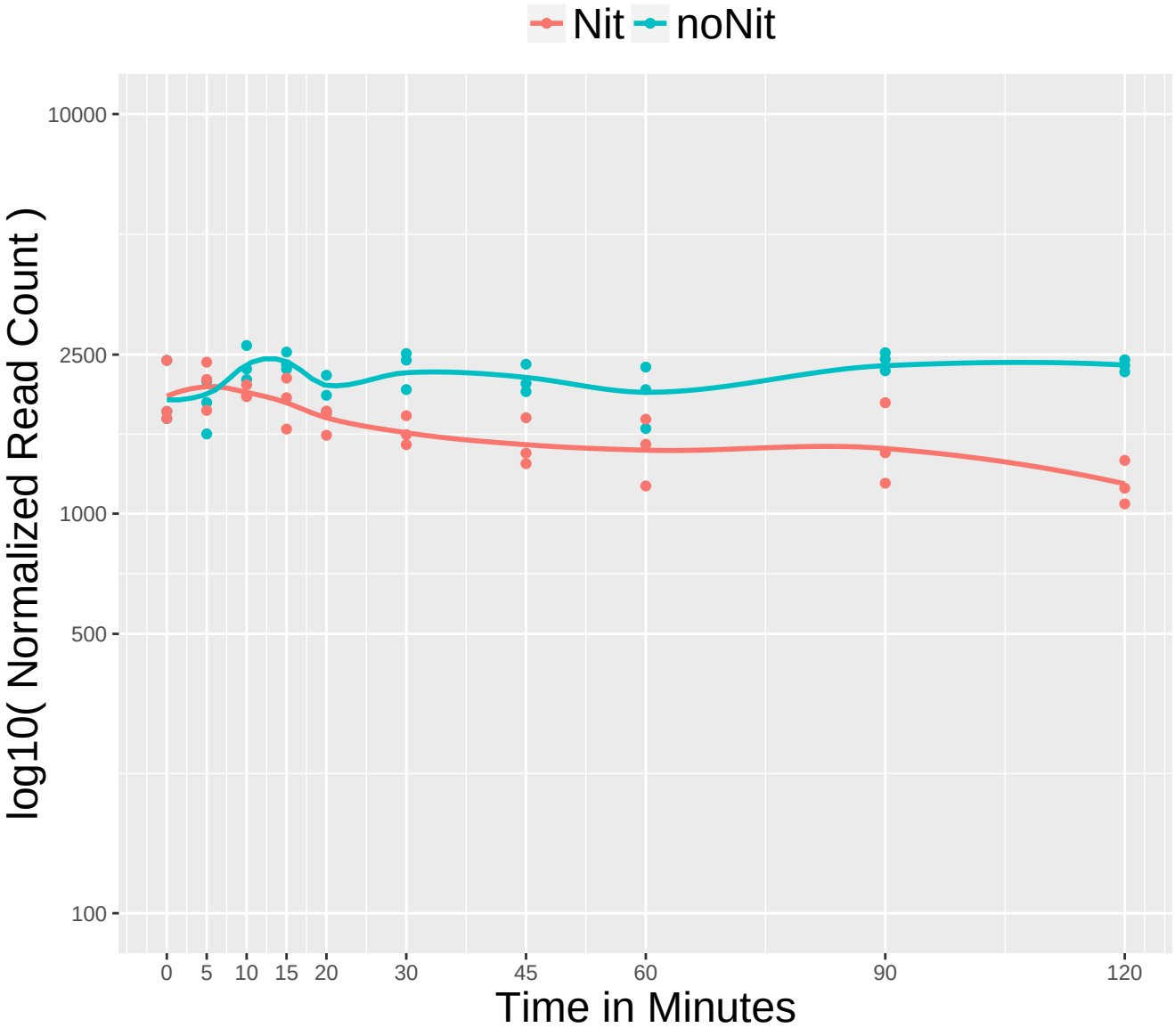

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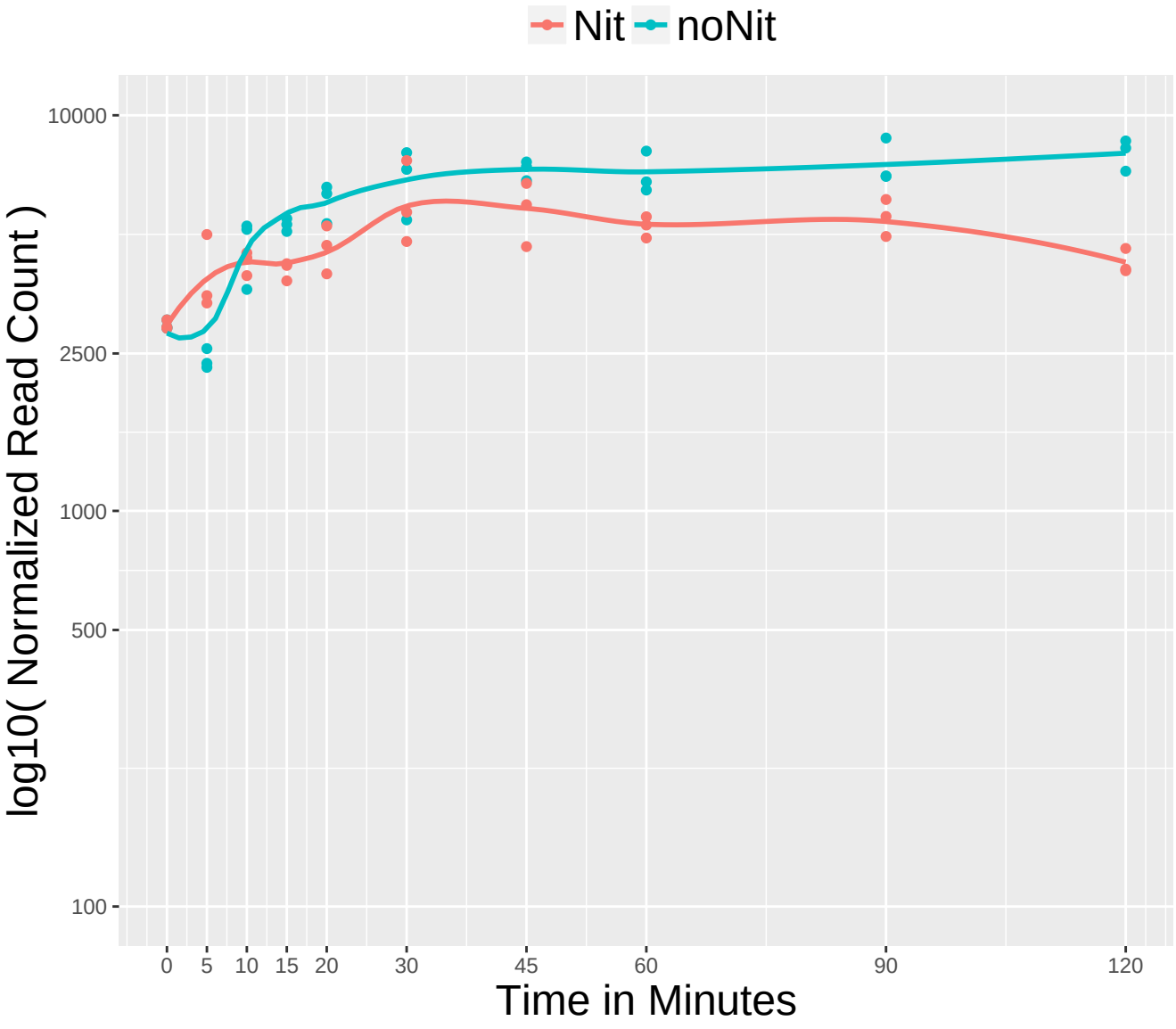
UGD2,UDP−glucose



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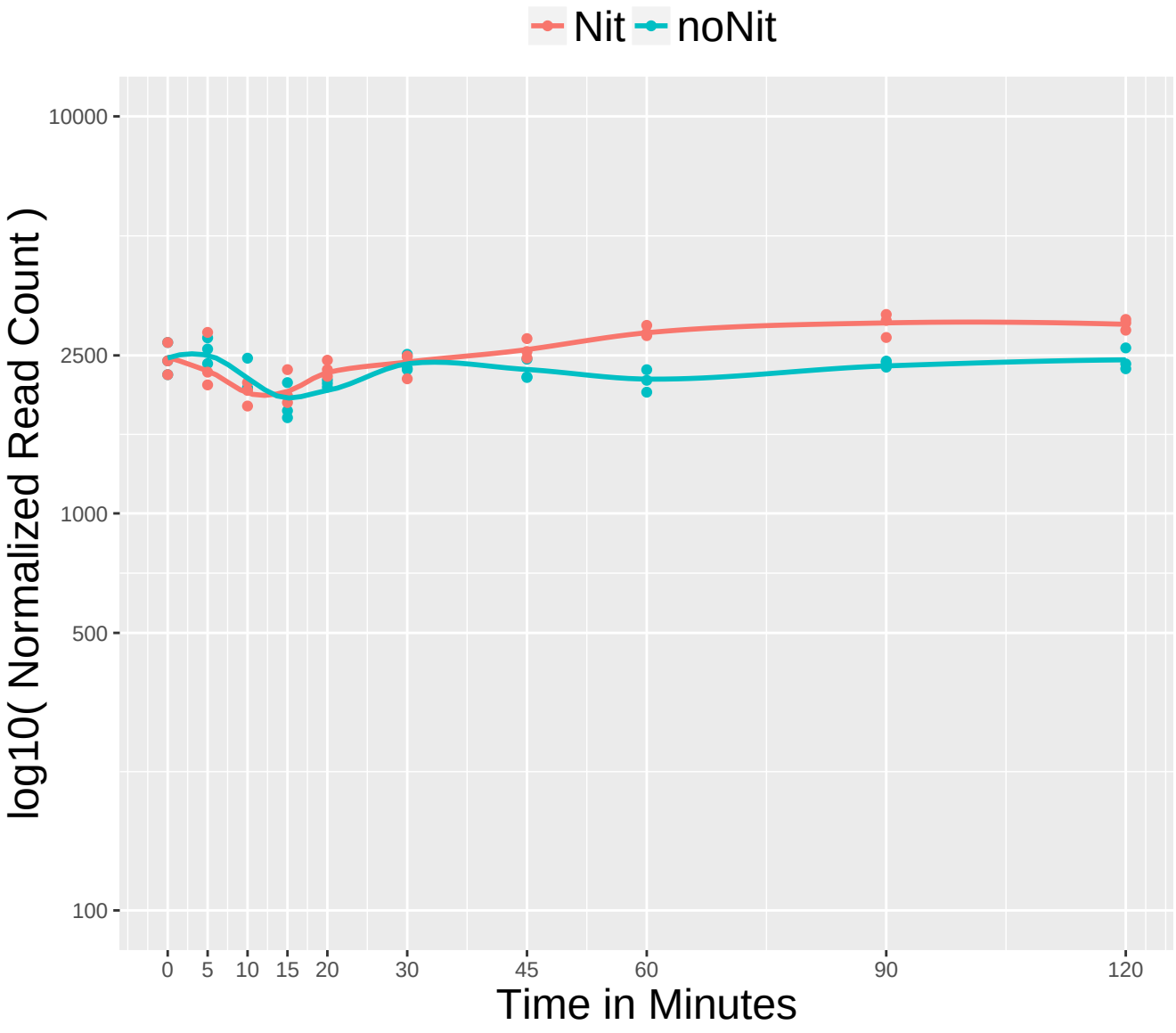

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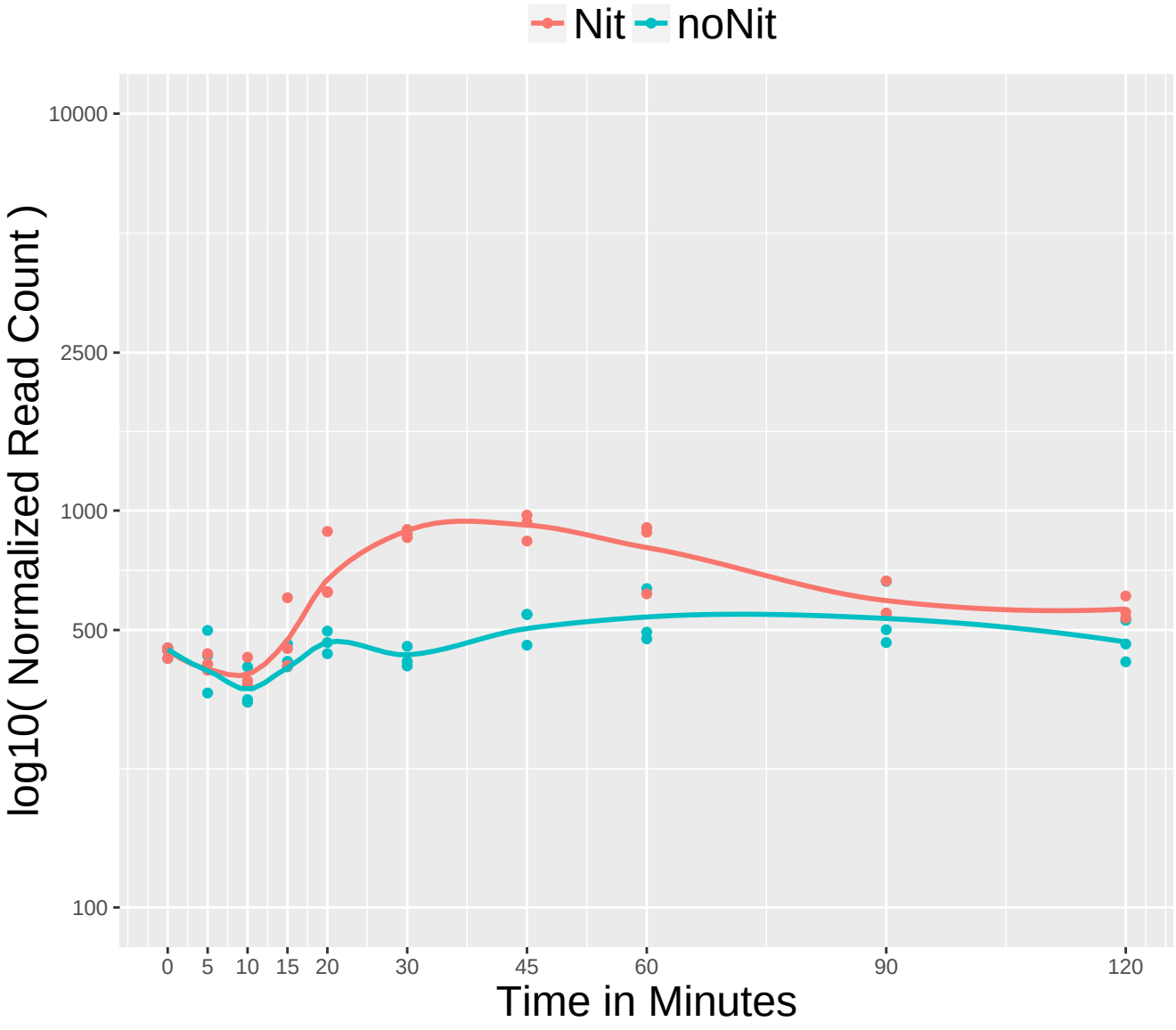

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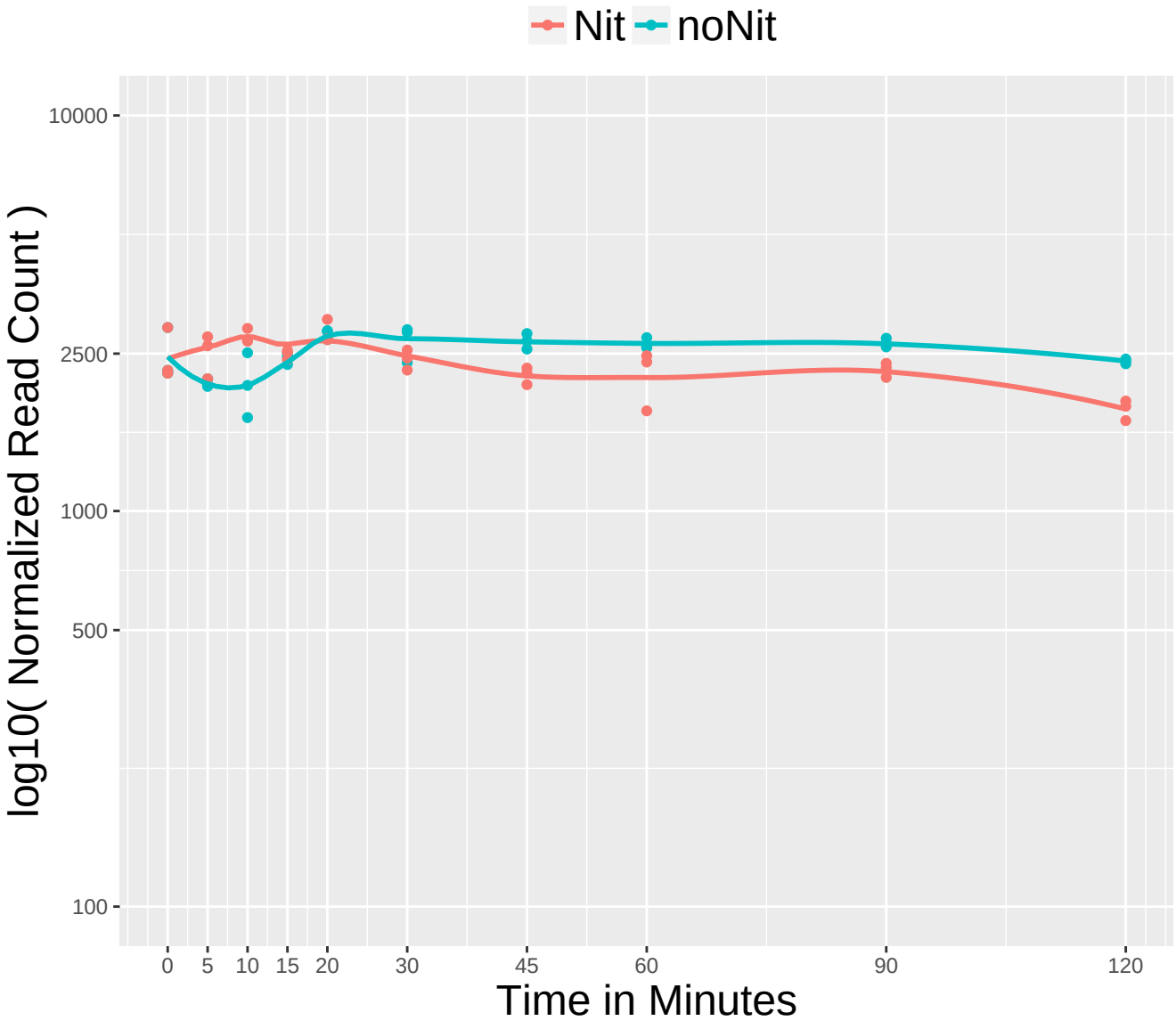

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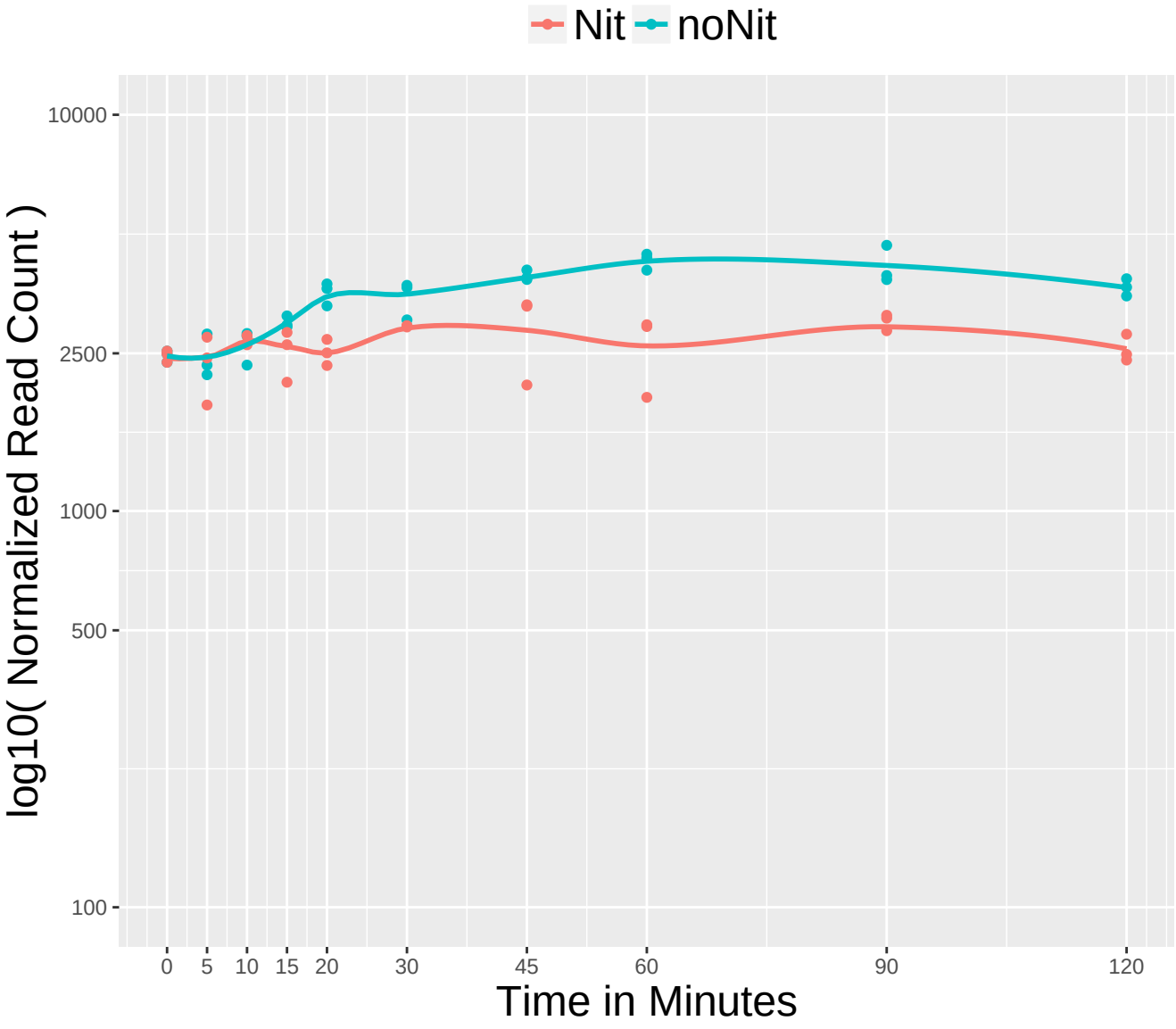
Topoisomerase



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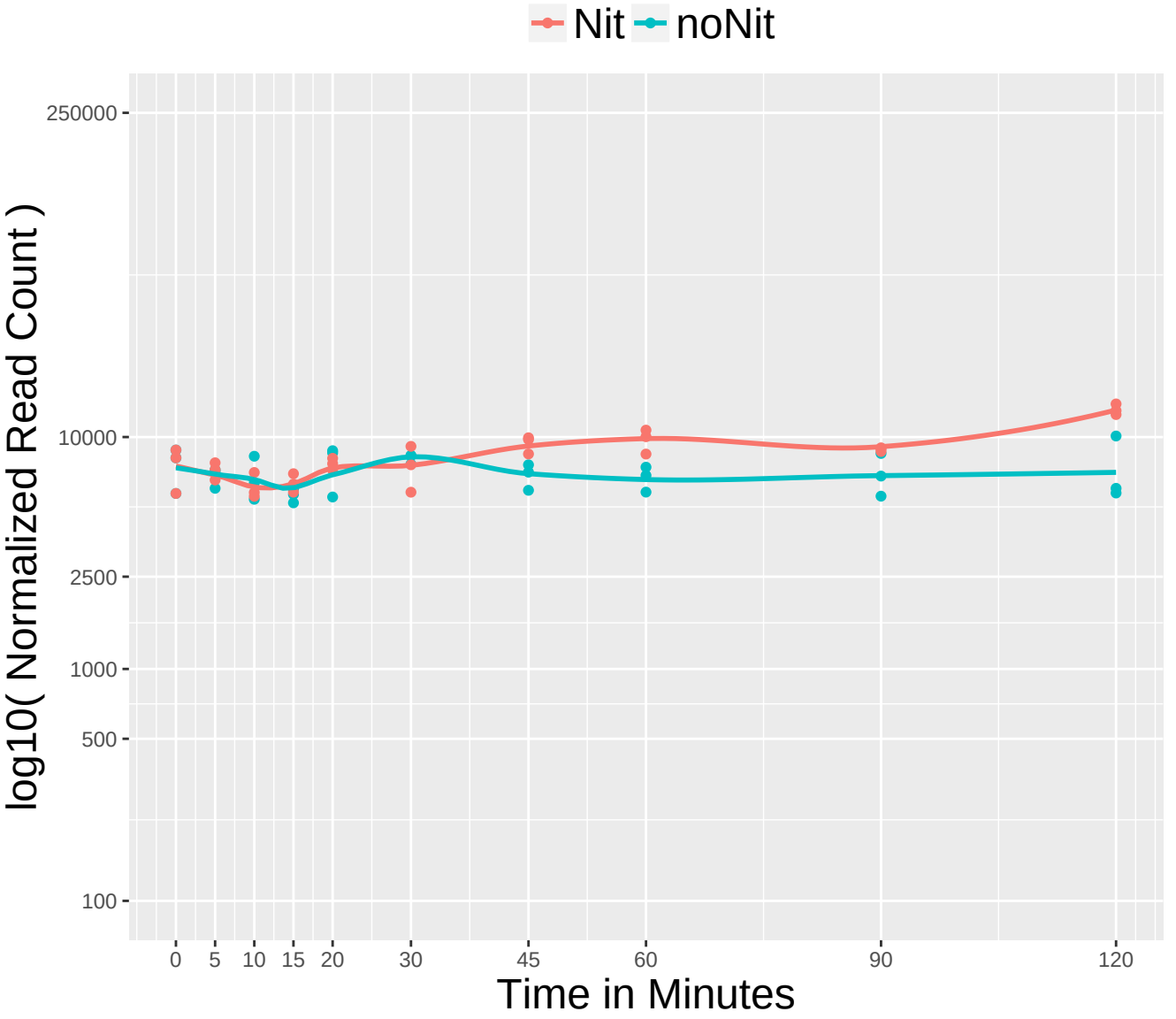

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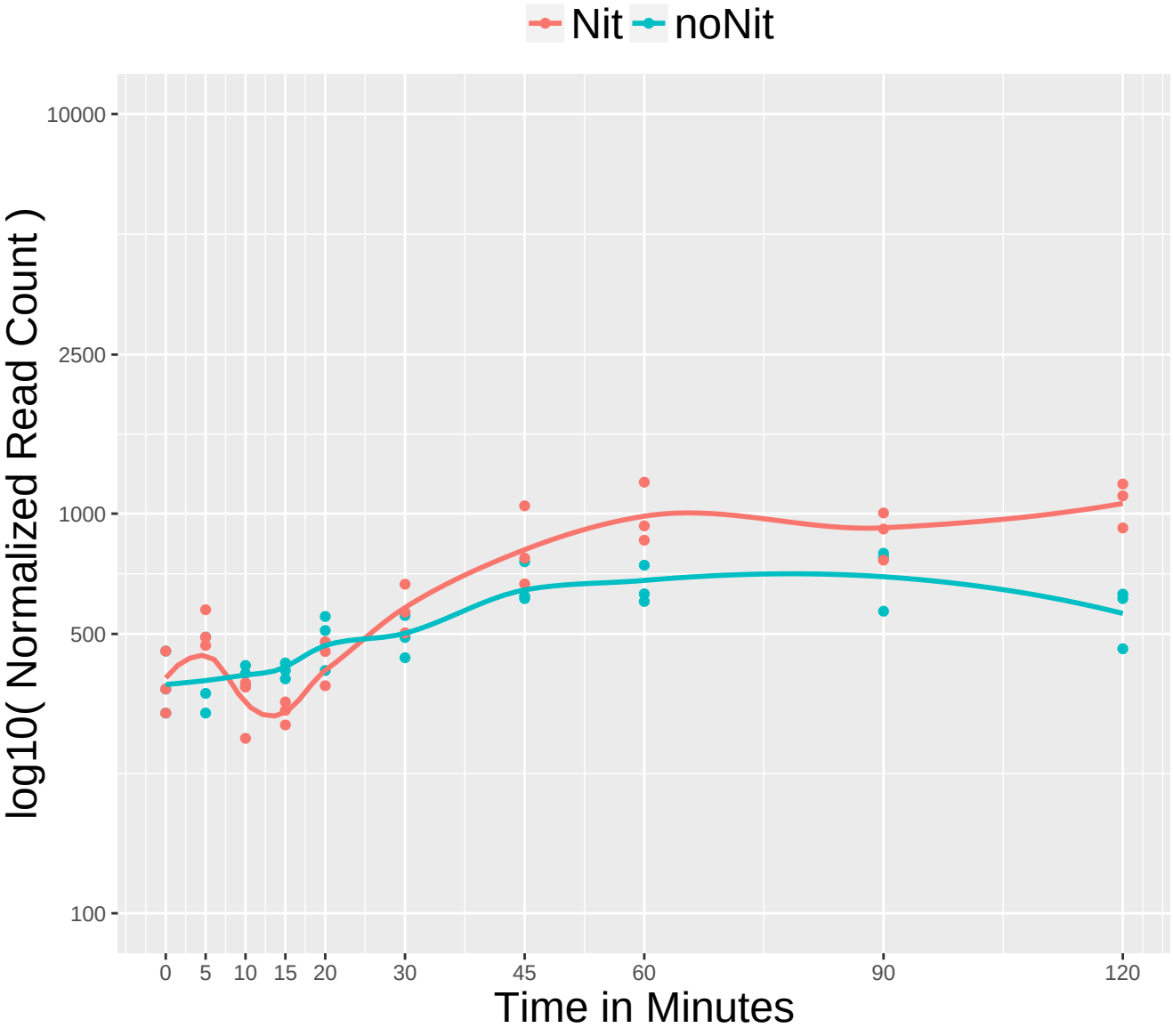
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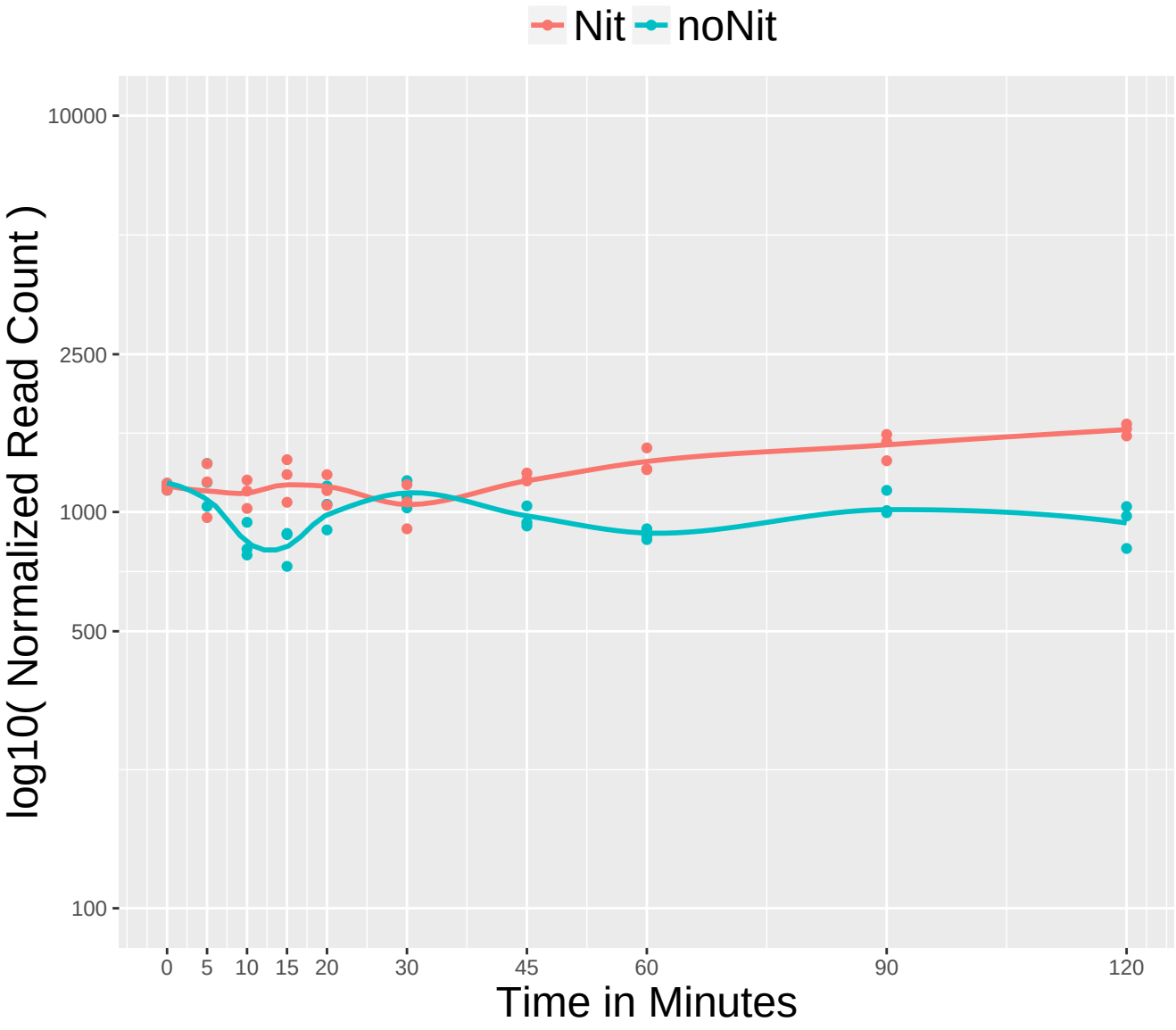
Time in Minutes

AT5G60990

DEA(D/H)−box



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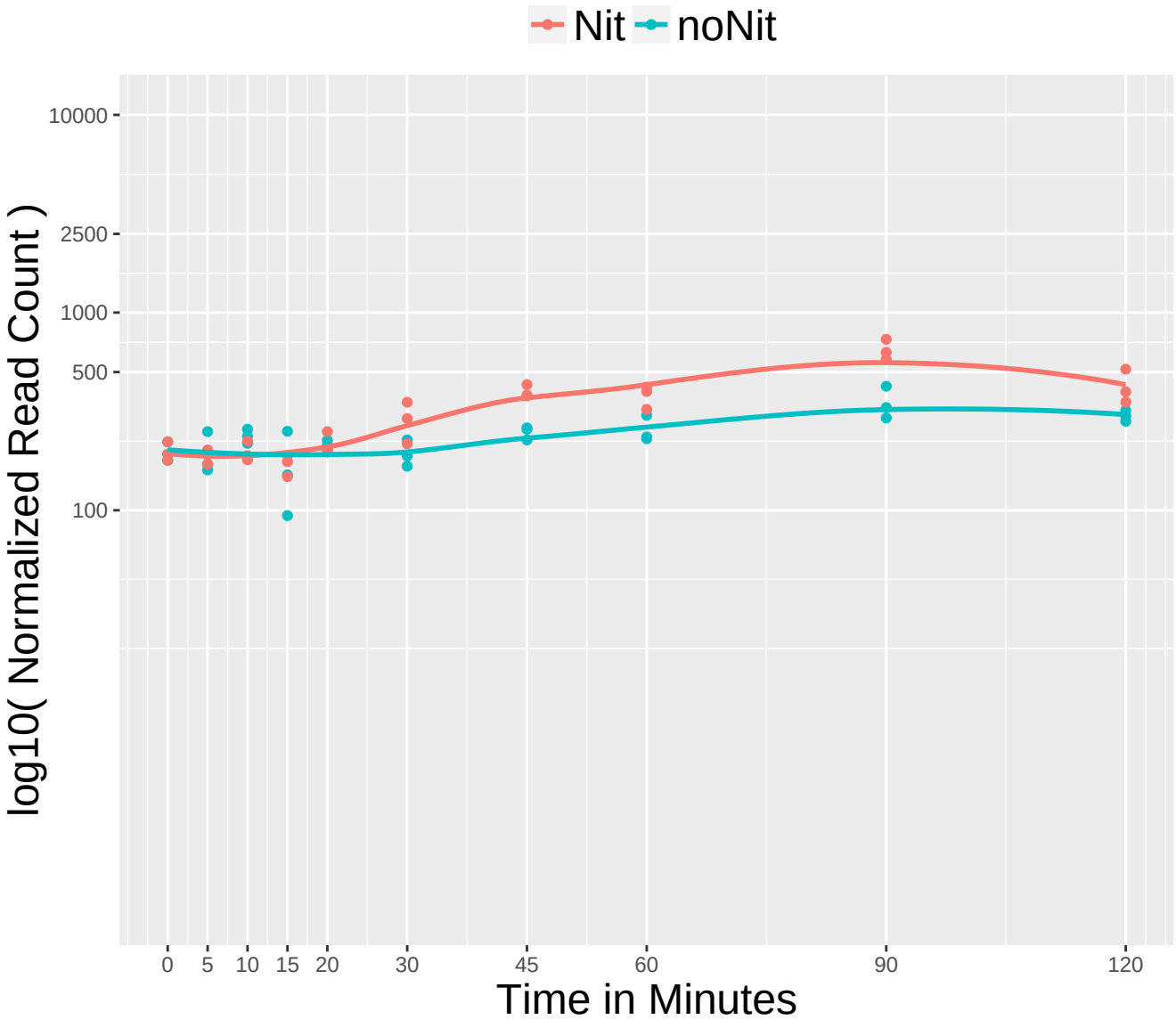

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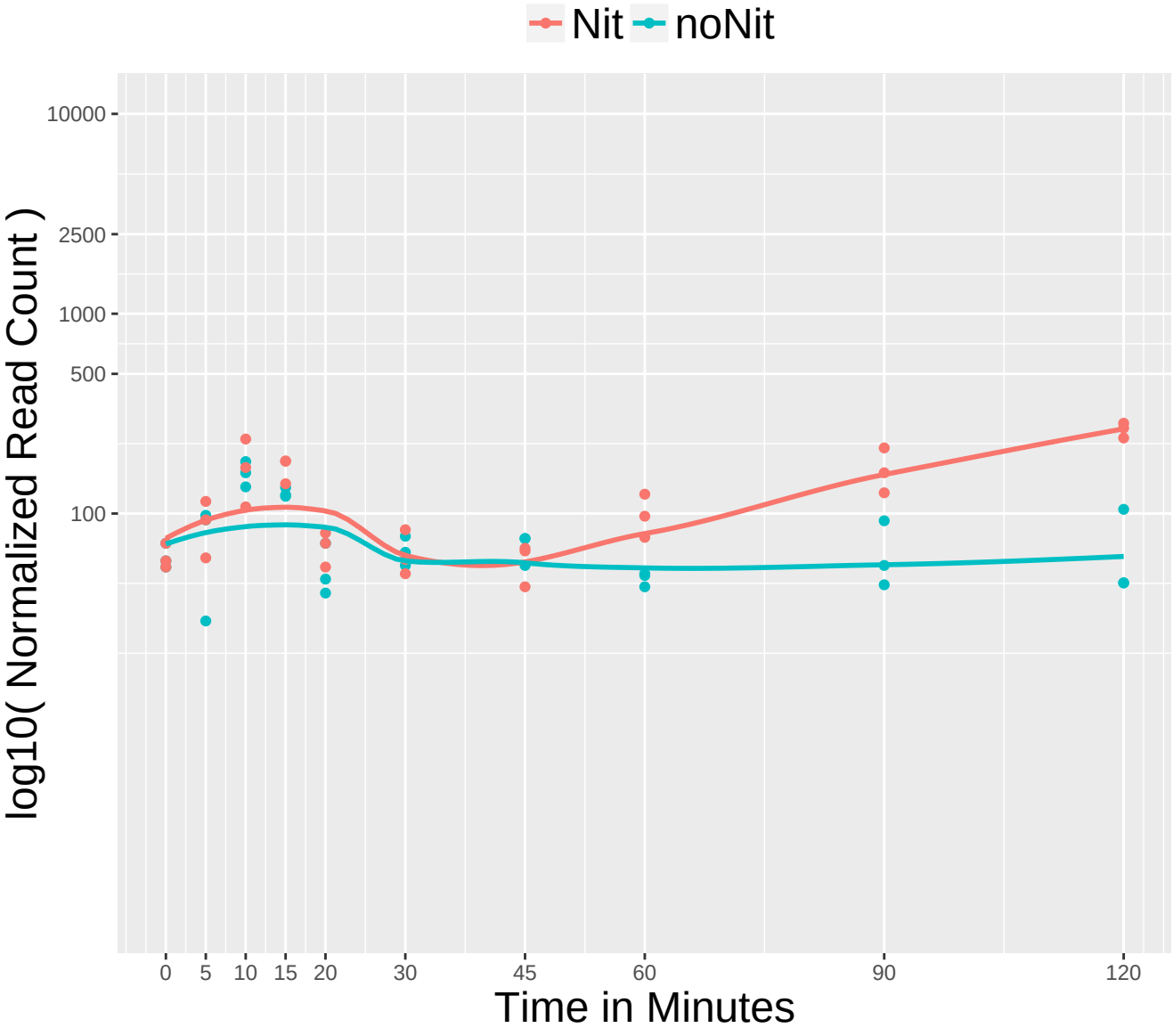
Protein



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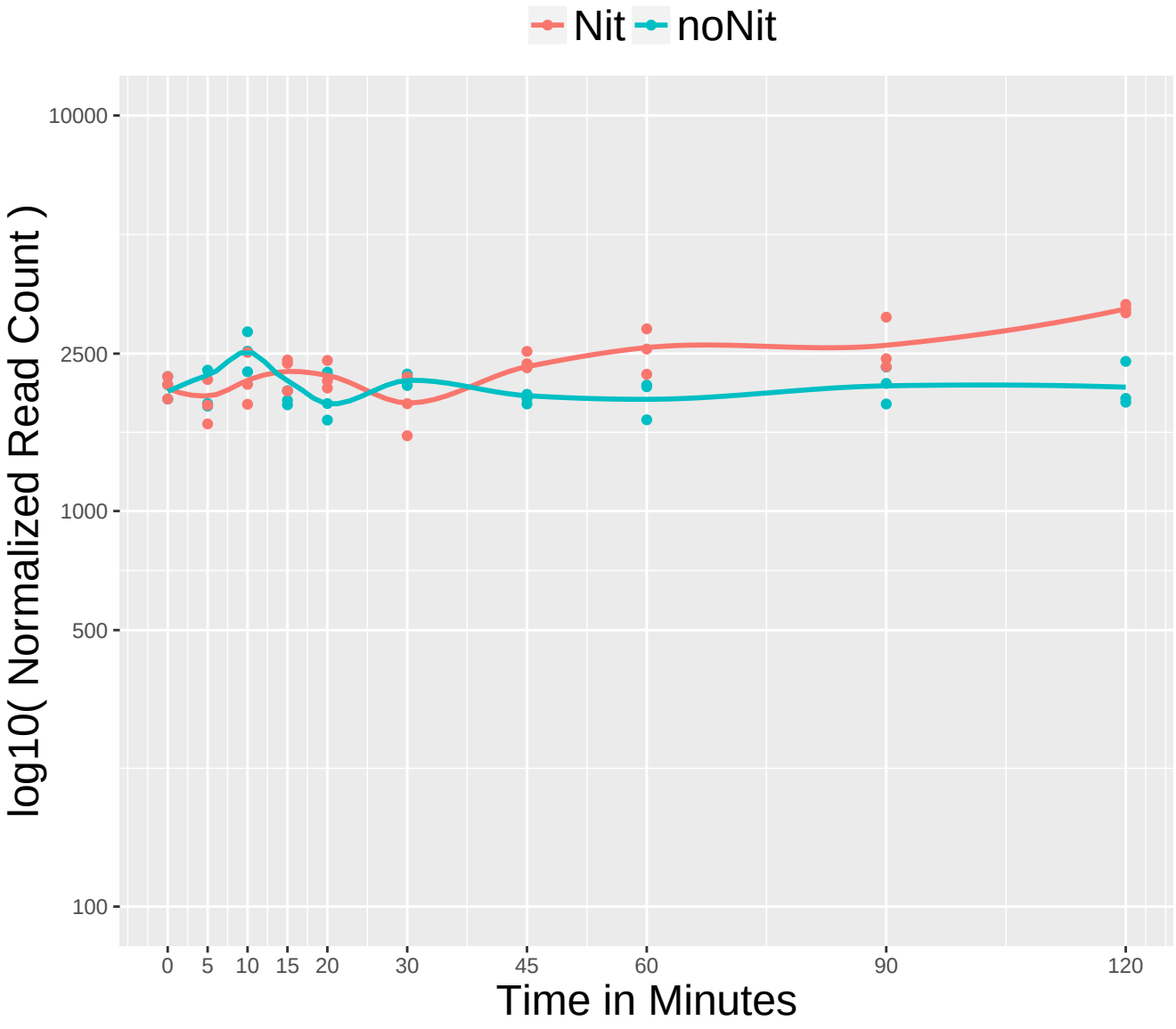

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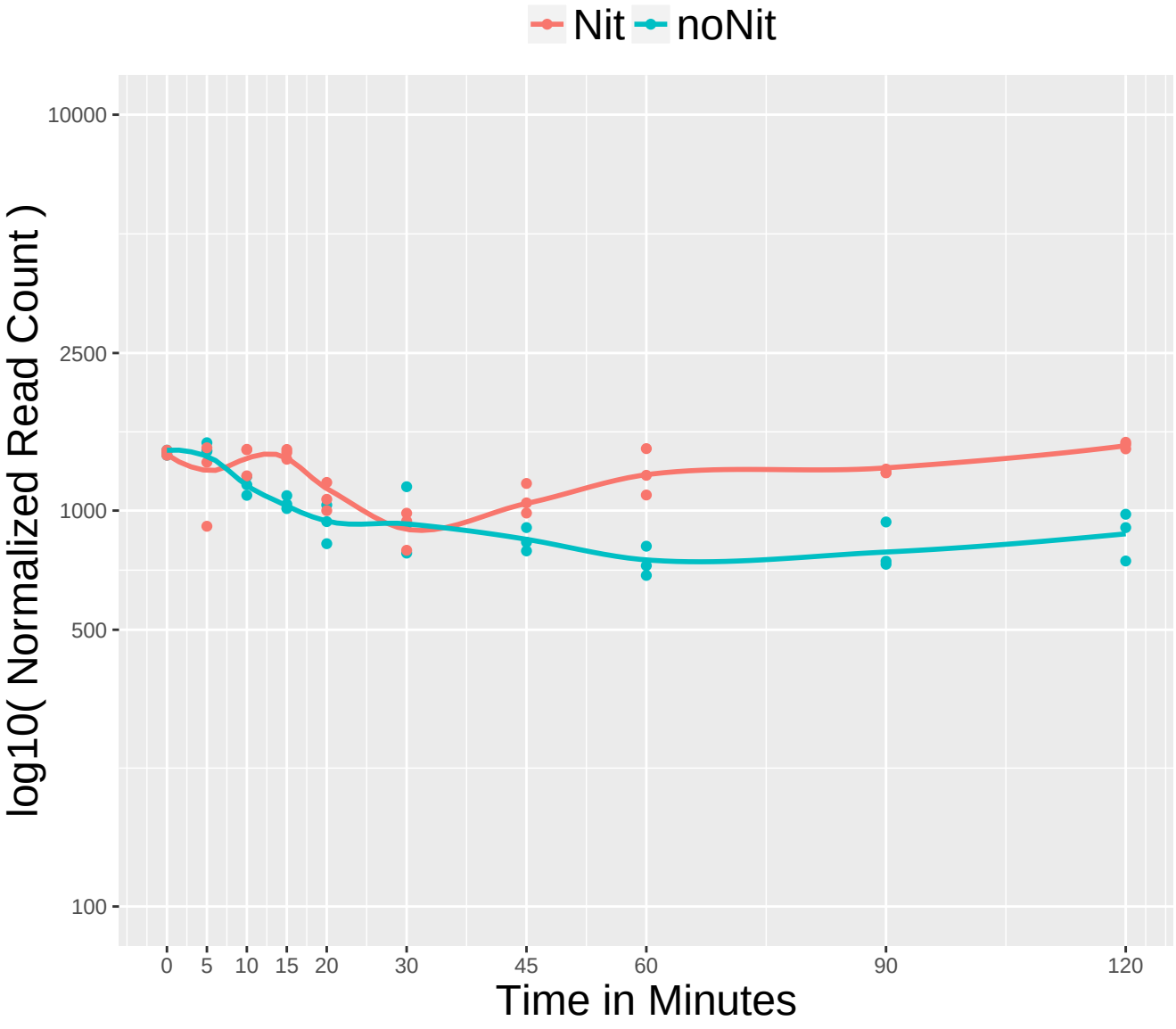

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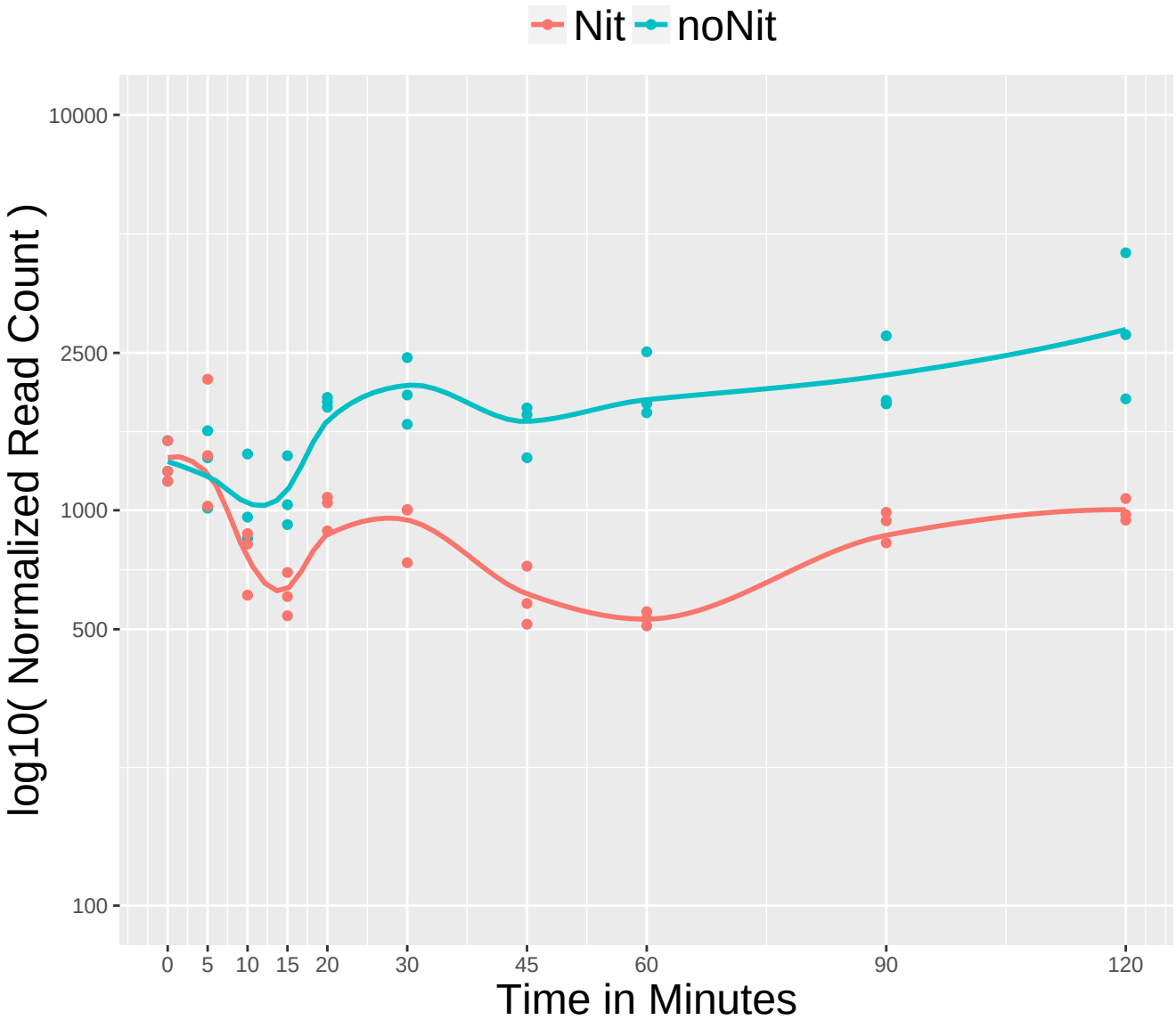

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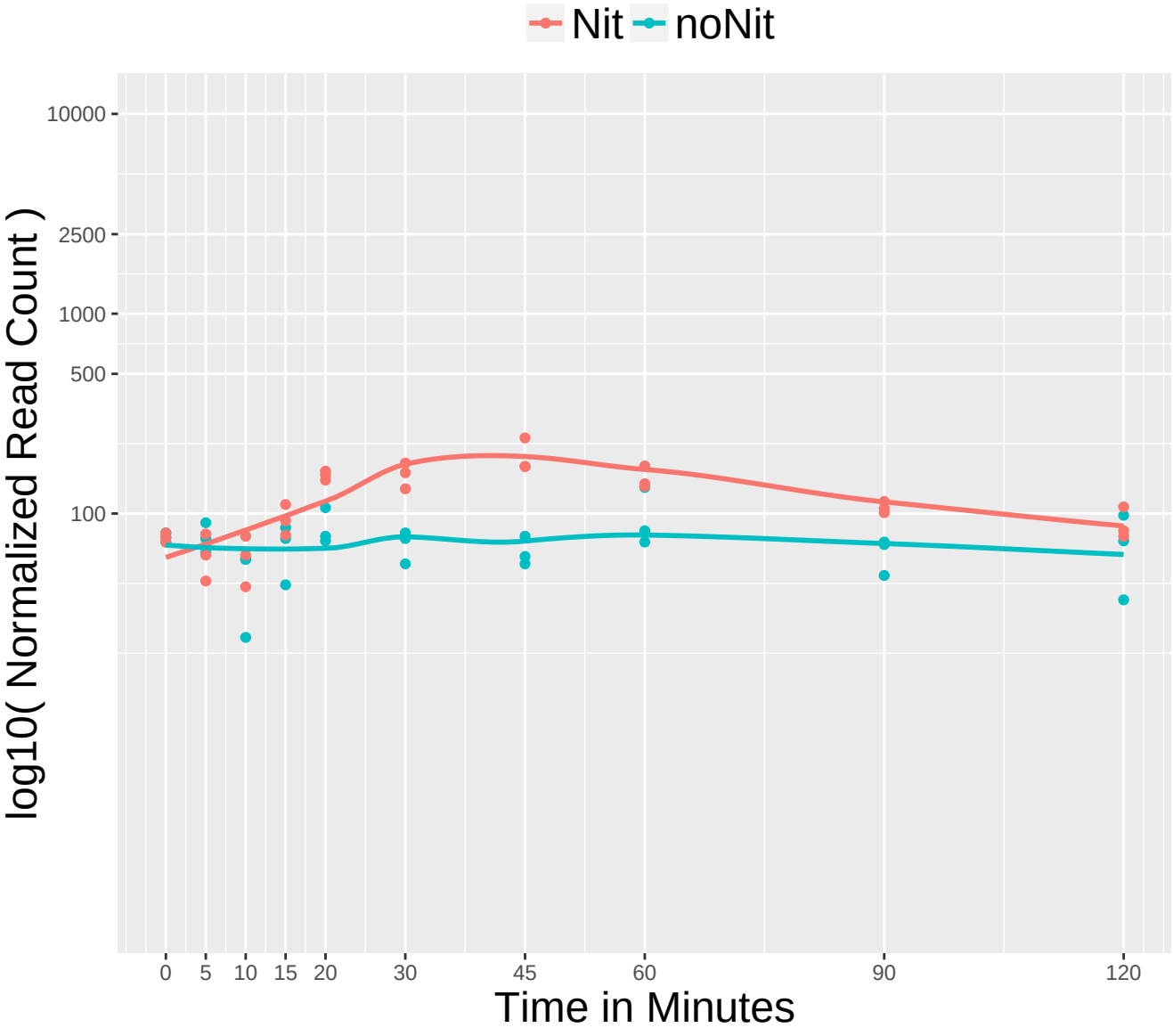

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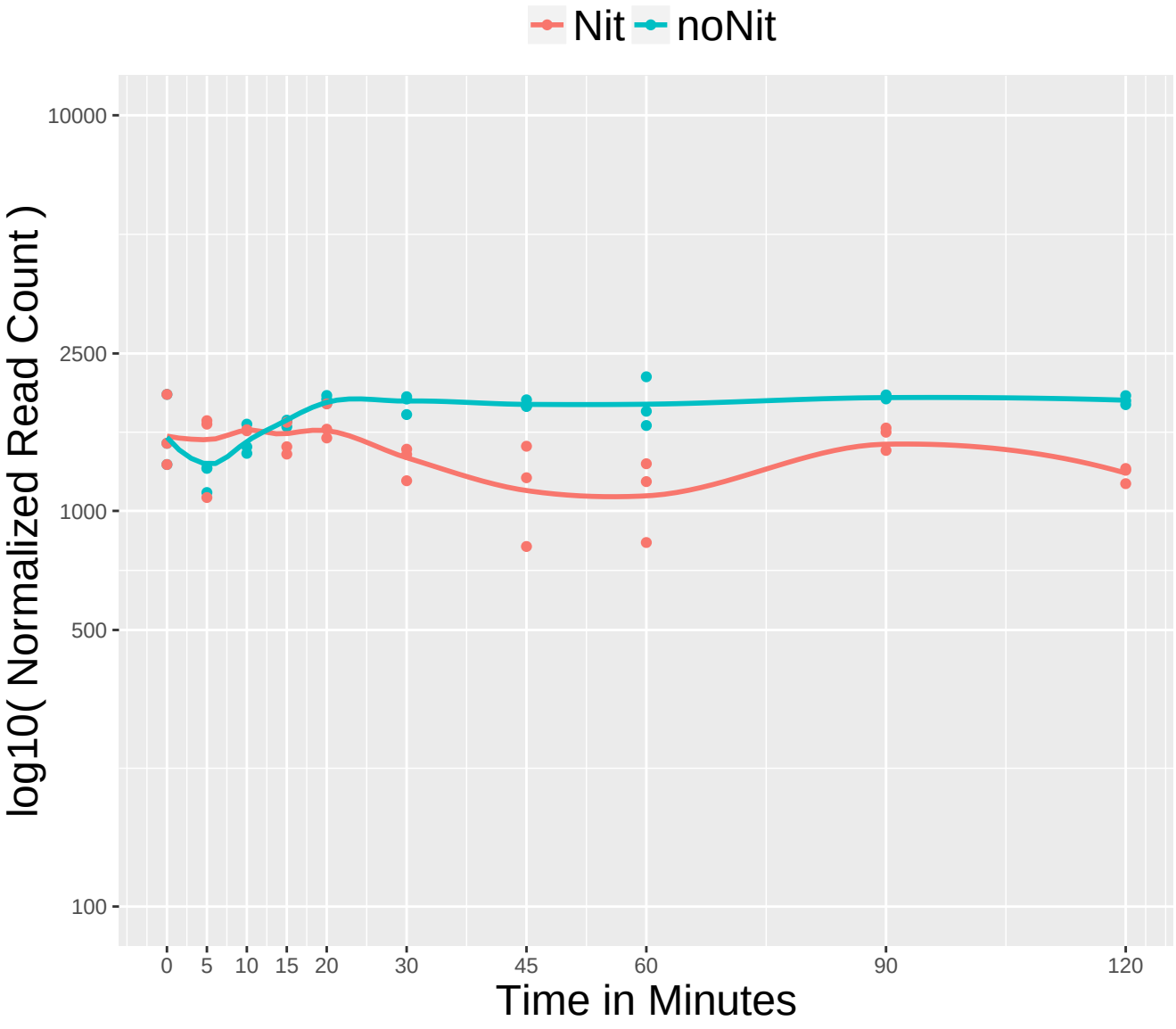
Calmodulin−binding



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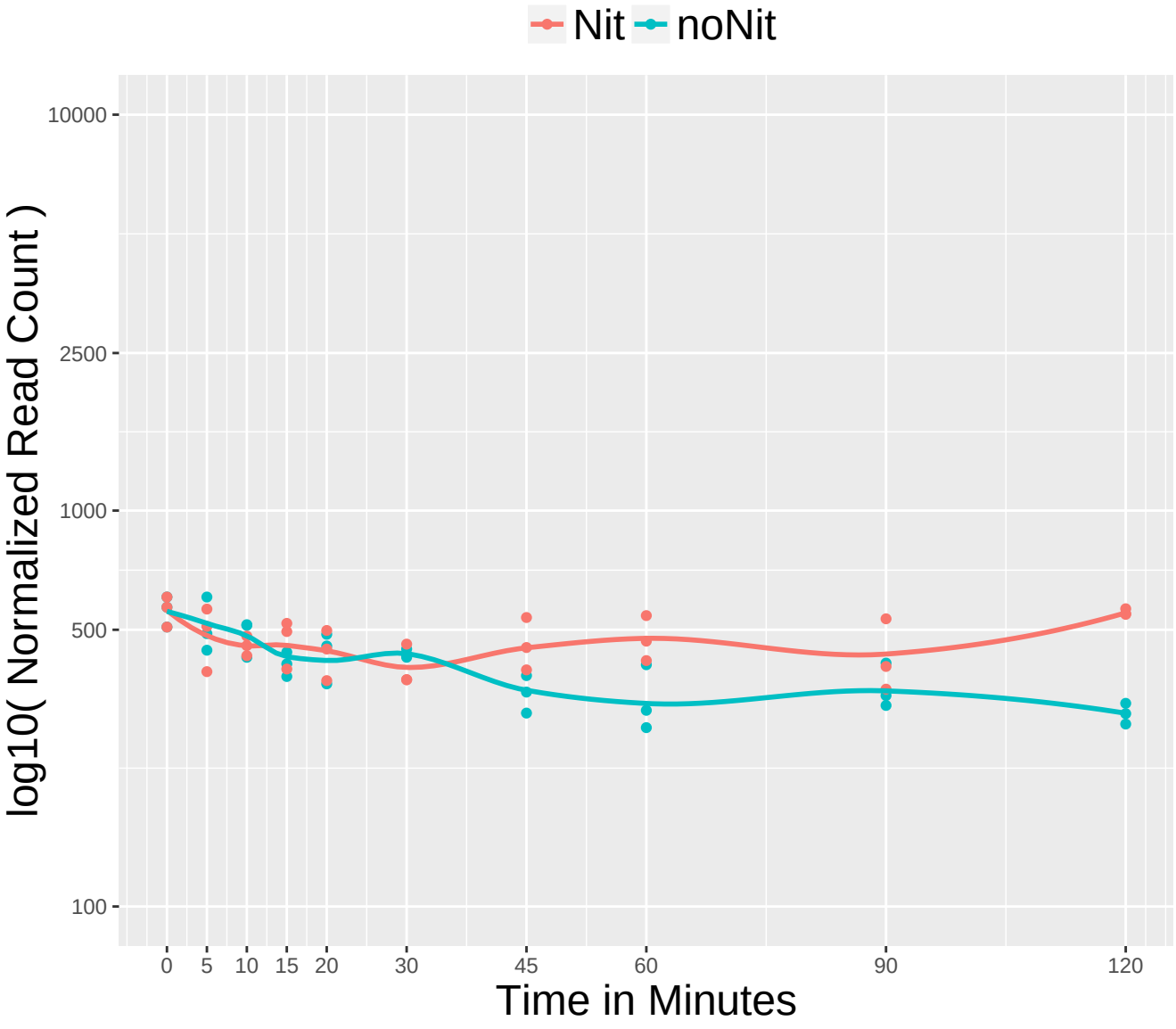

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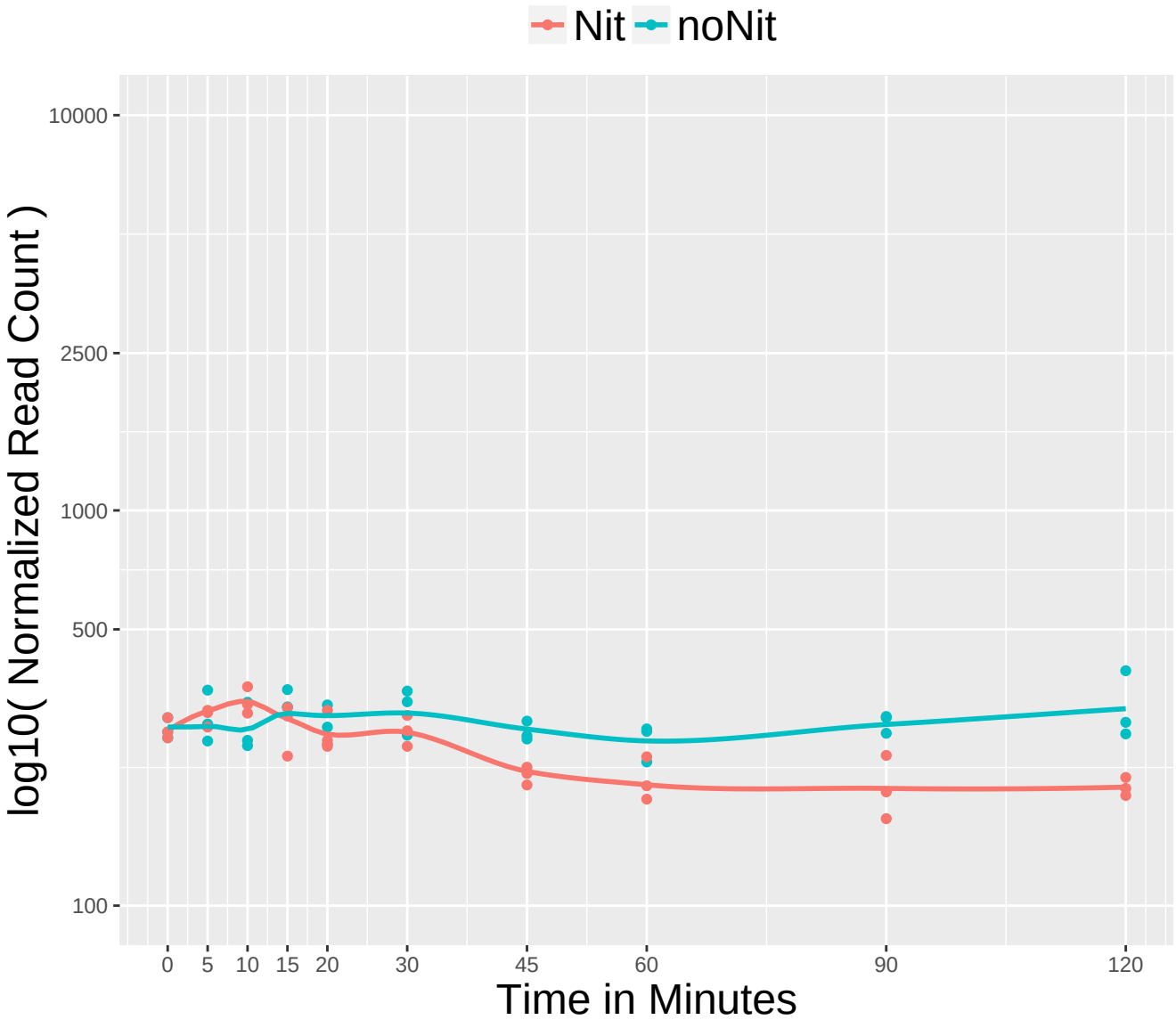

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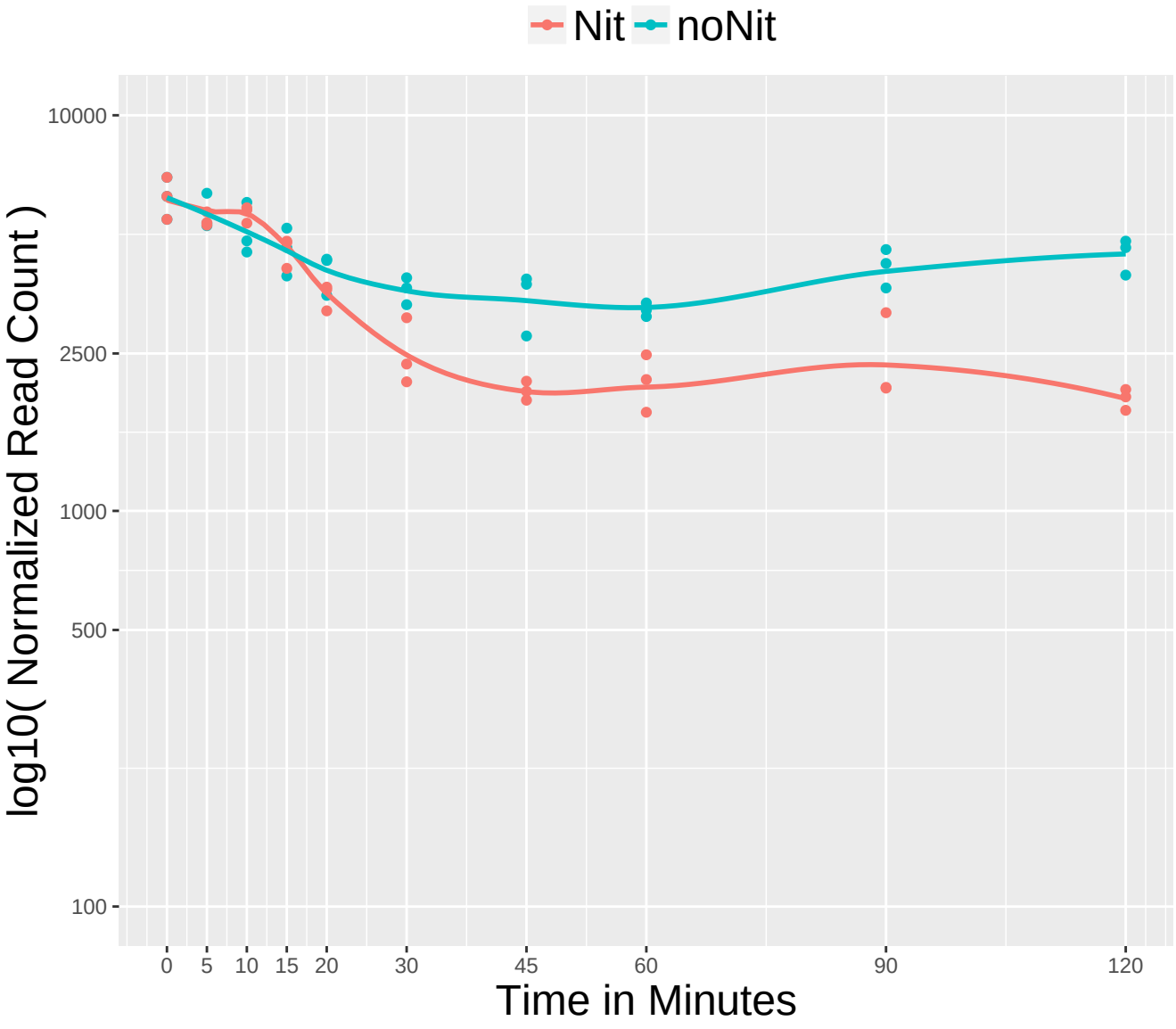

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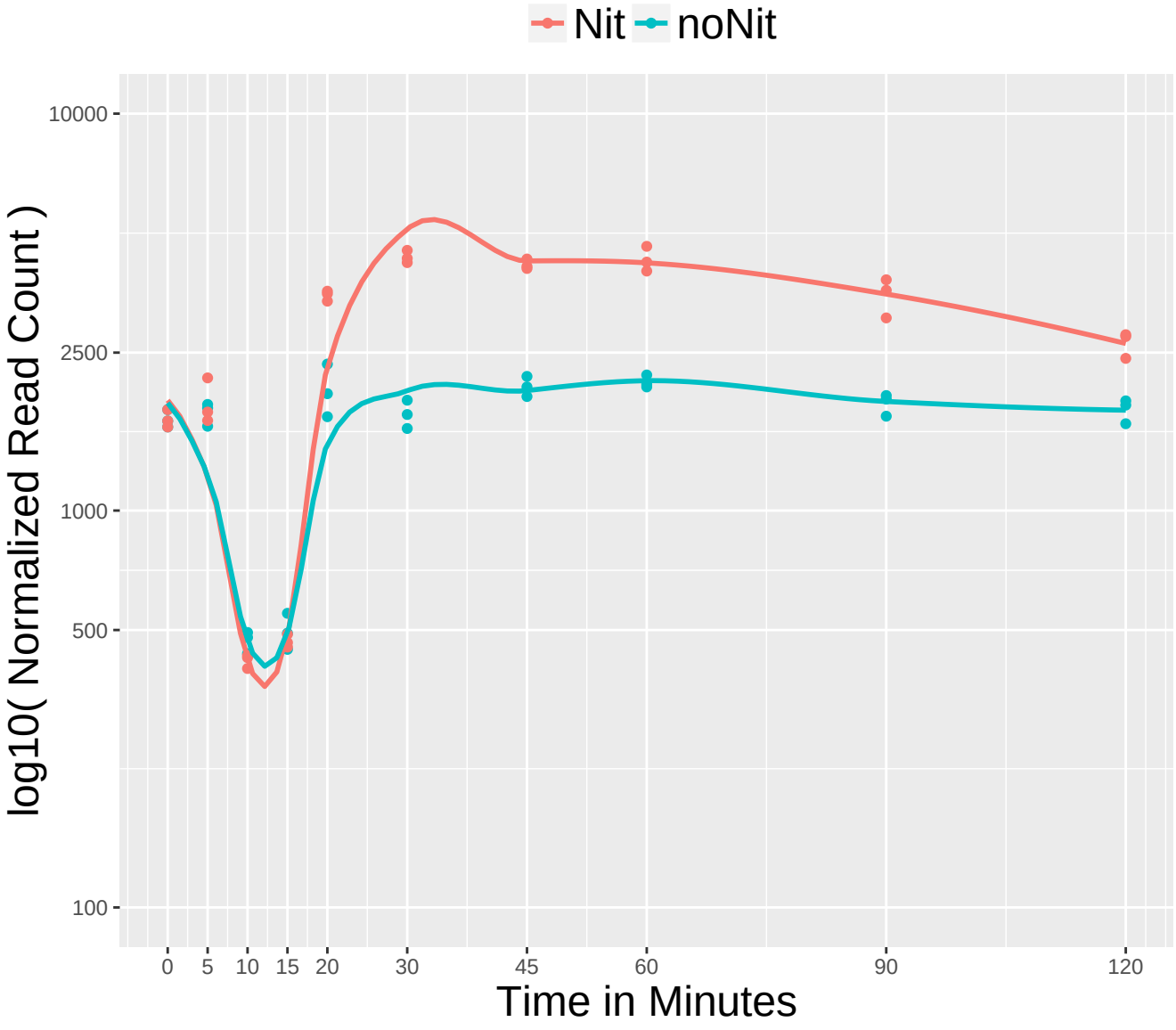

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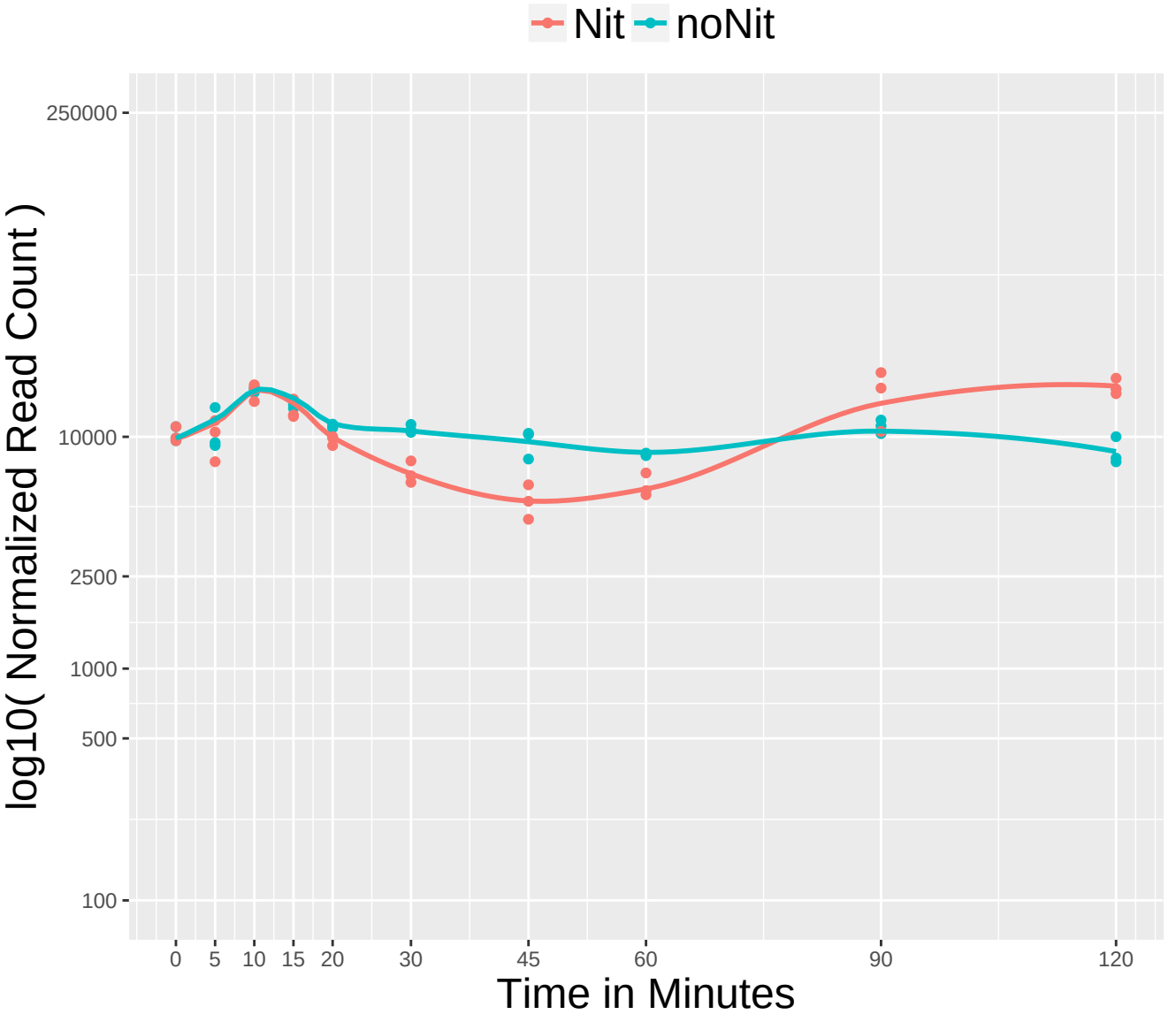
AT−POX,,ATPDH,,ATPOX,ARABIDOPSIS



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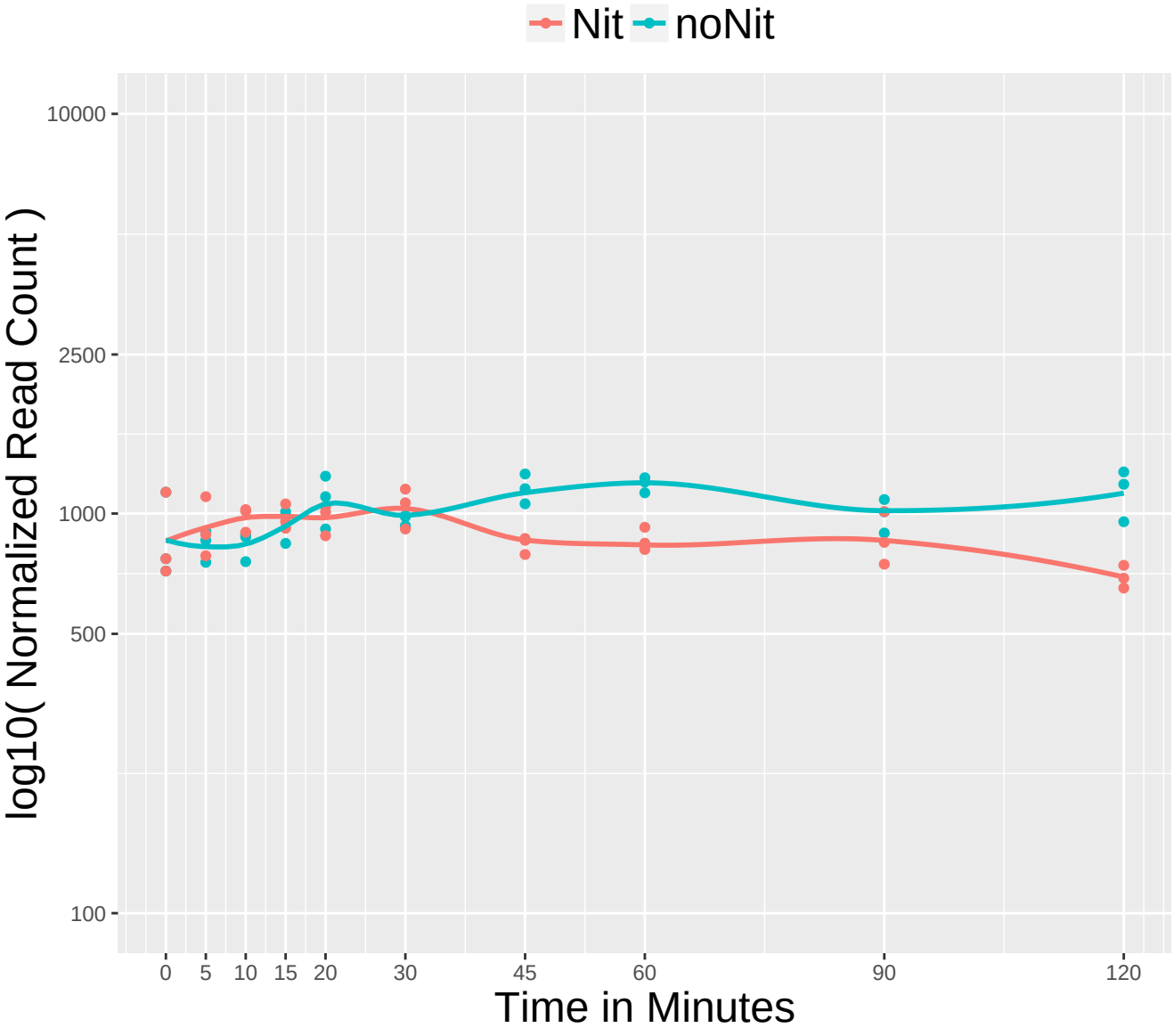

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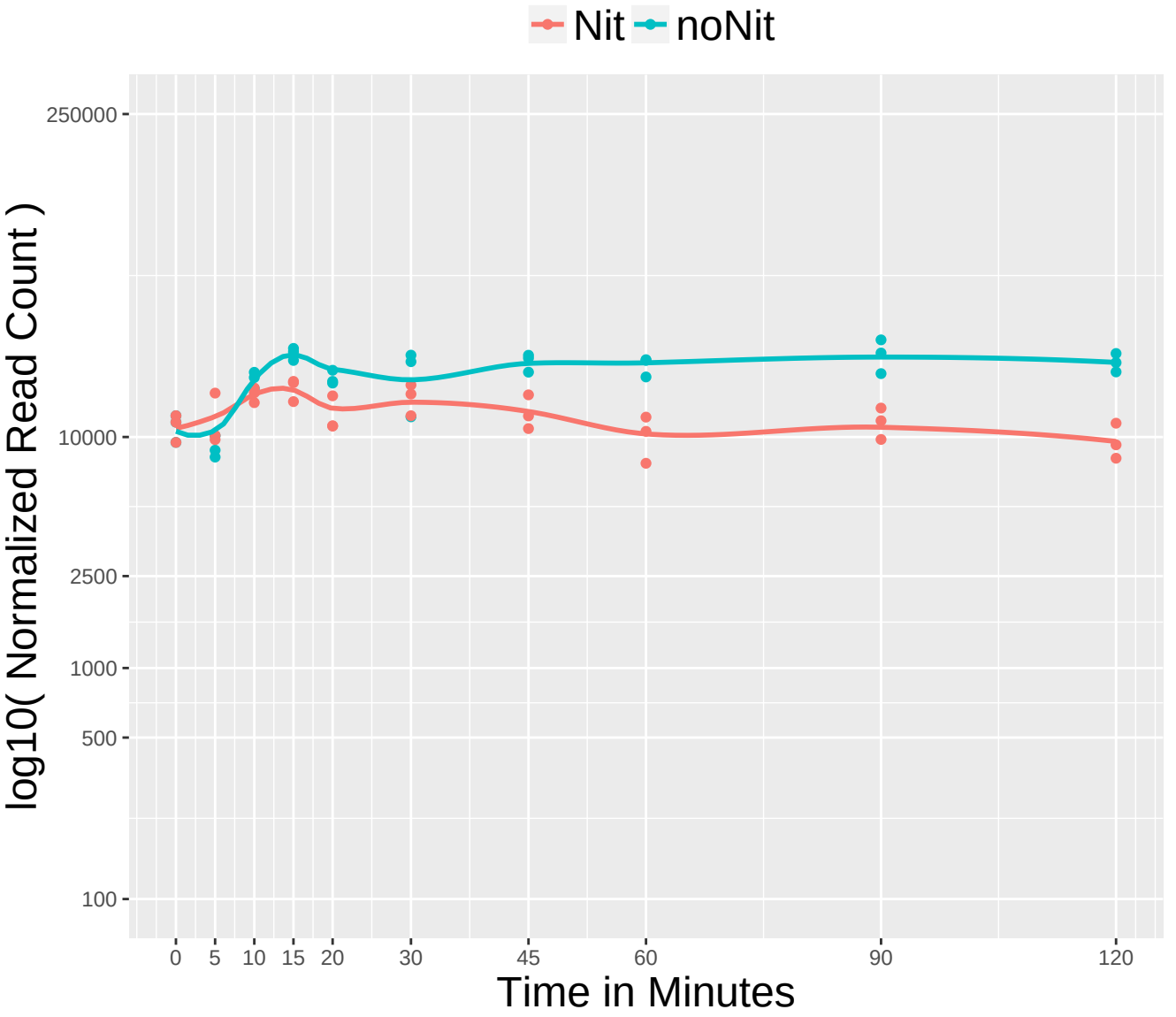
HXXXD−type



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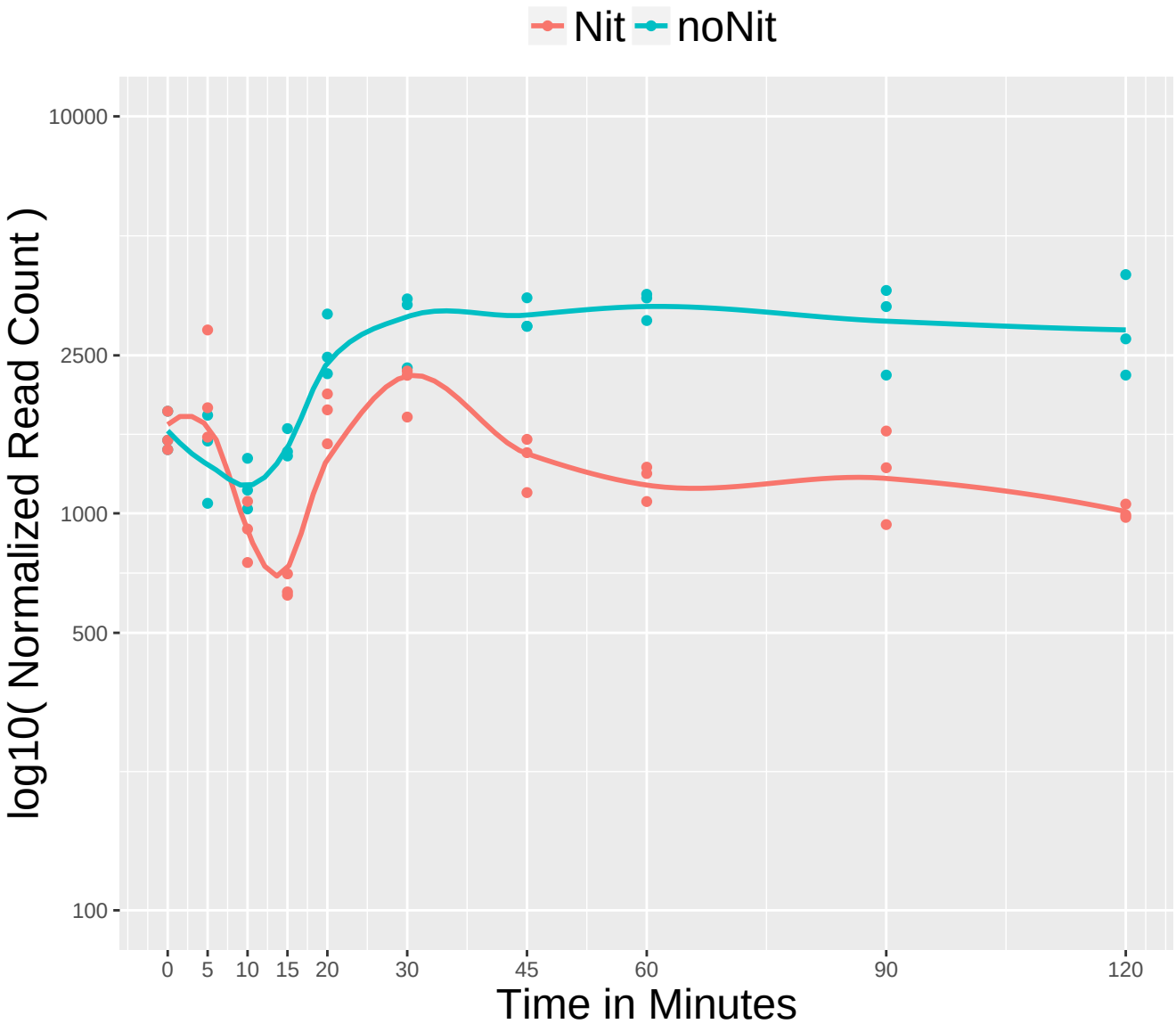

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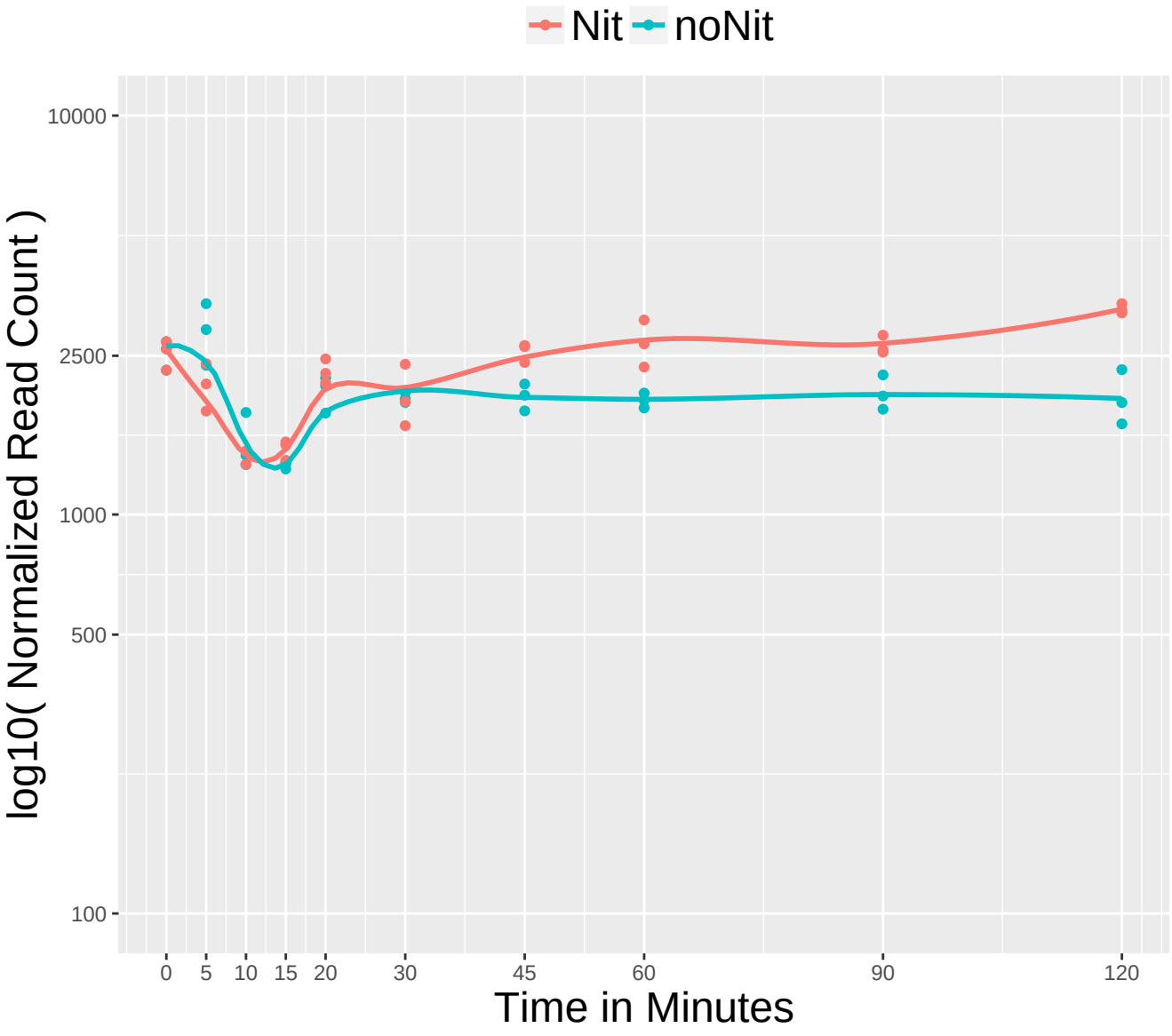
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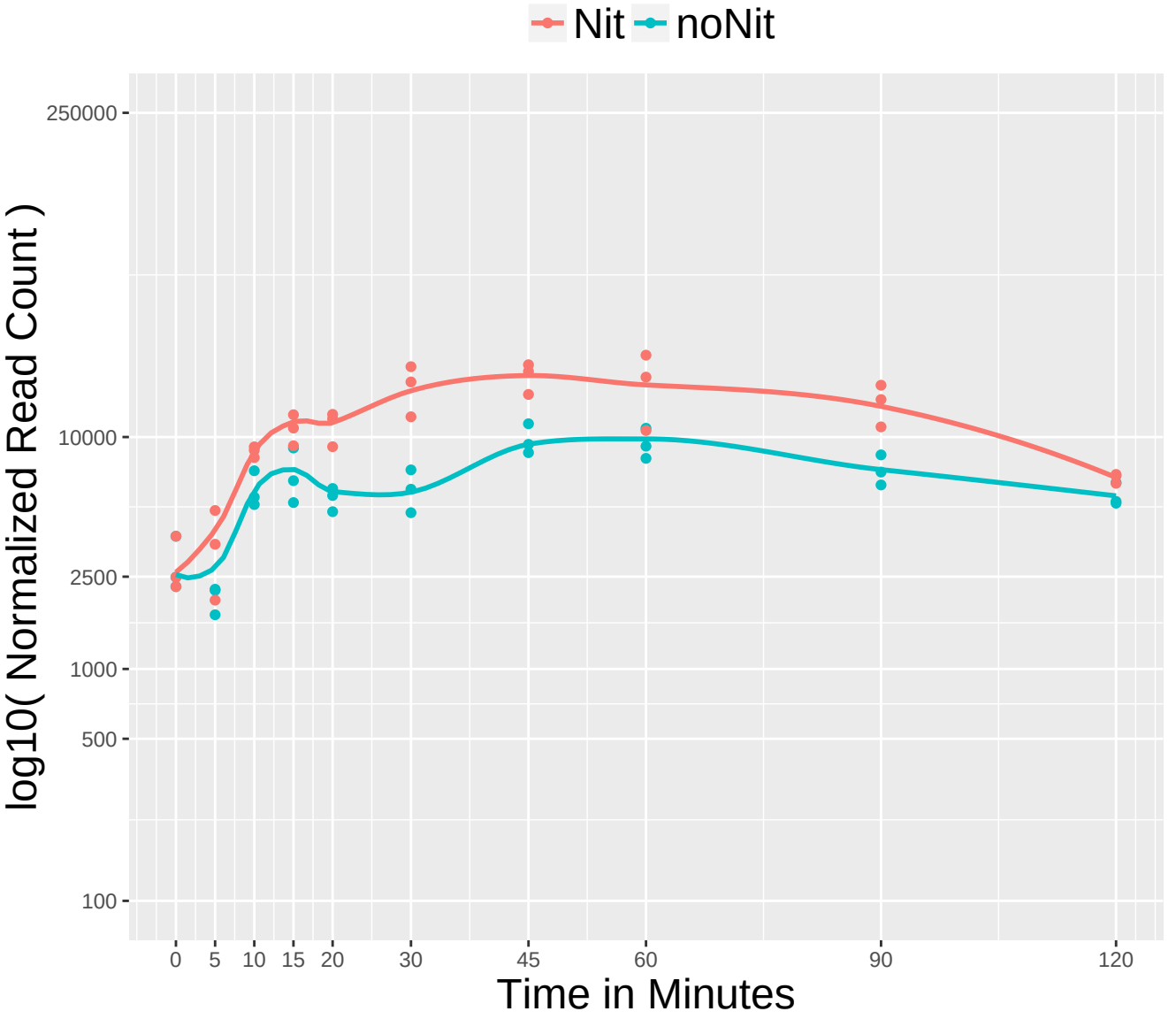
AT4G31910

BAT1,BR−related



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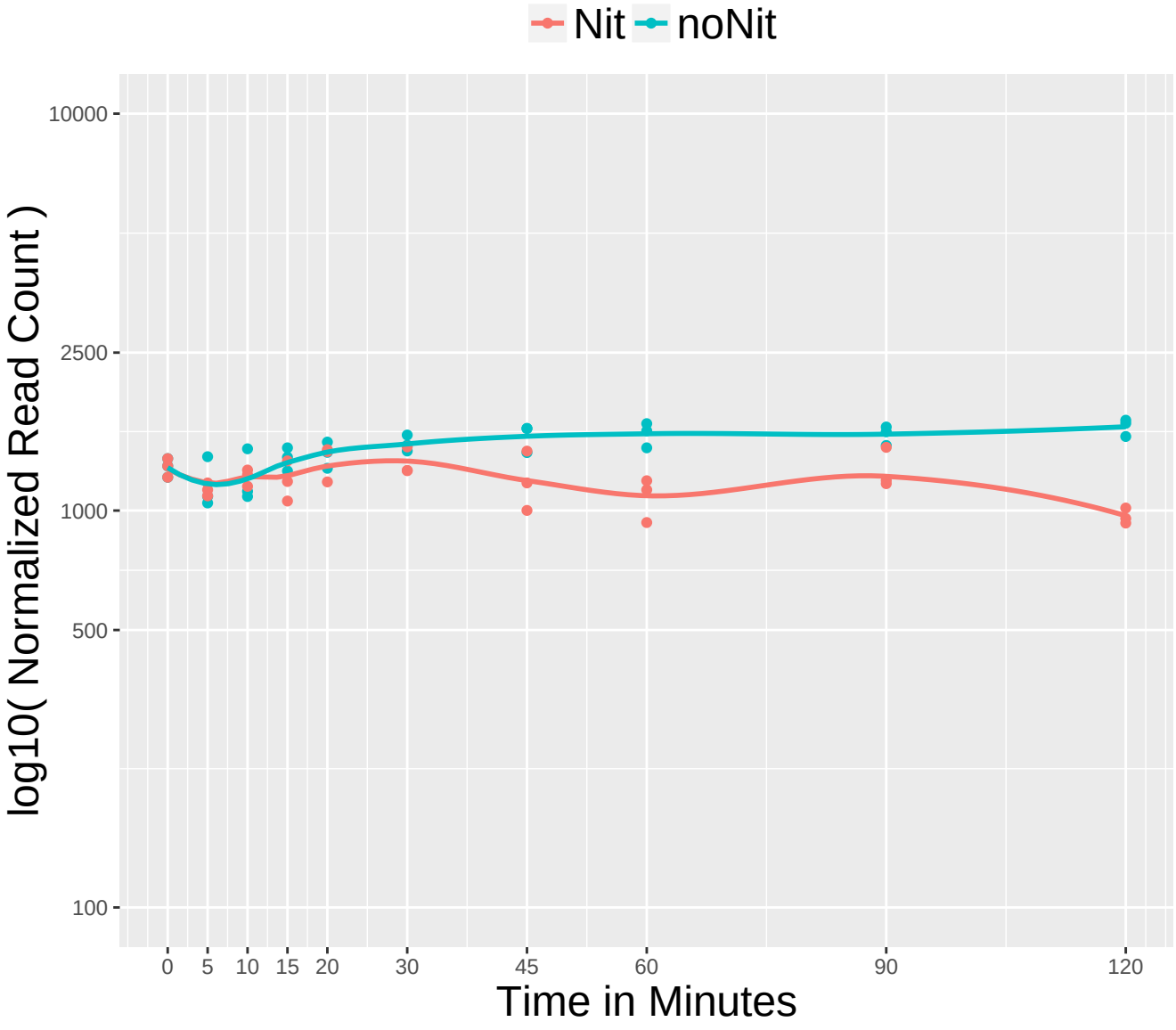

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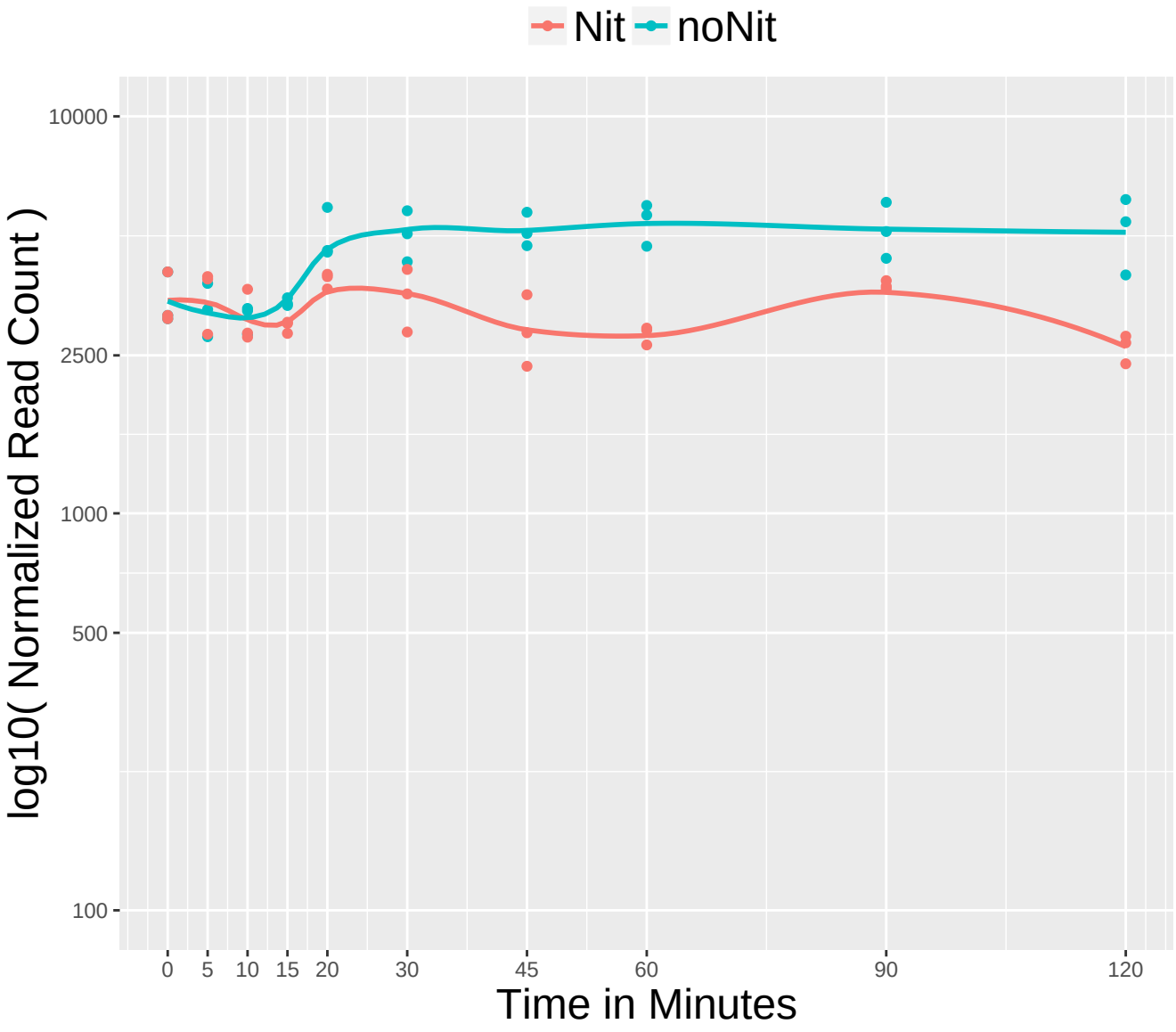
ADR1−L2,ADR1−like



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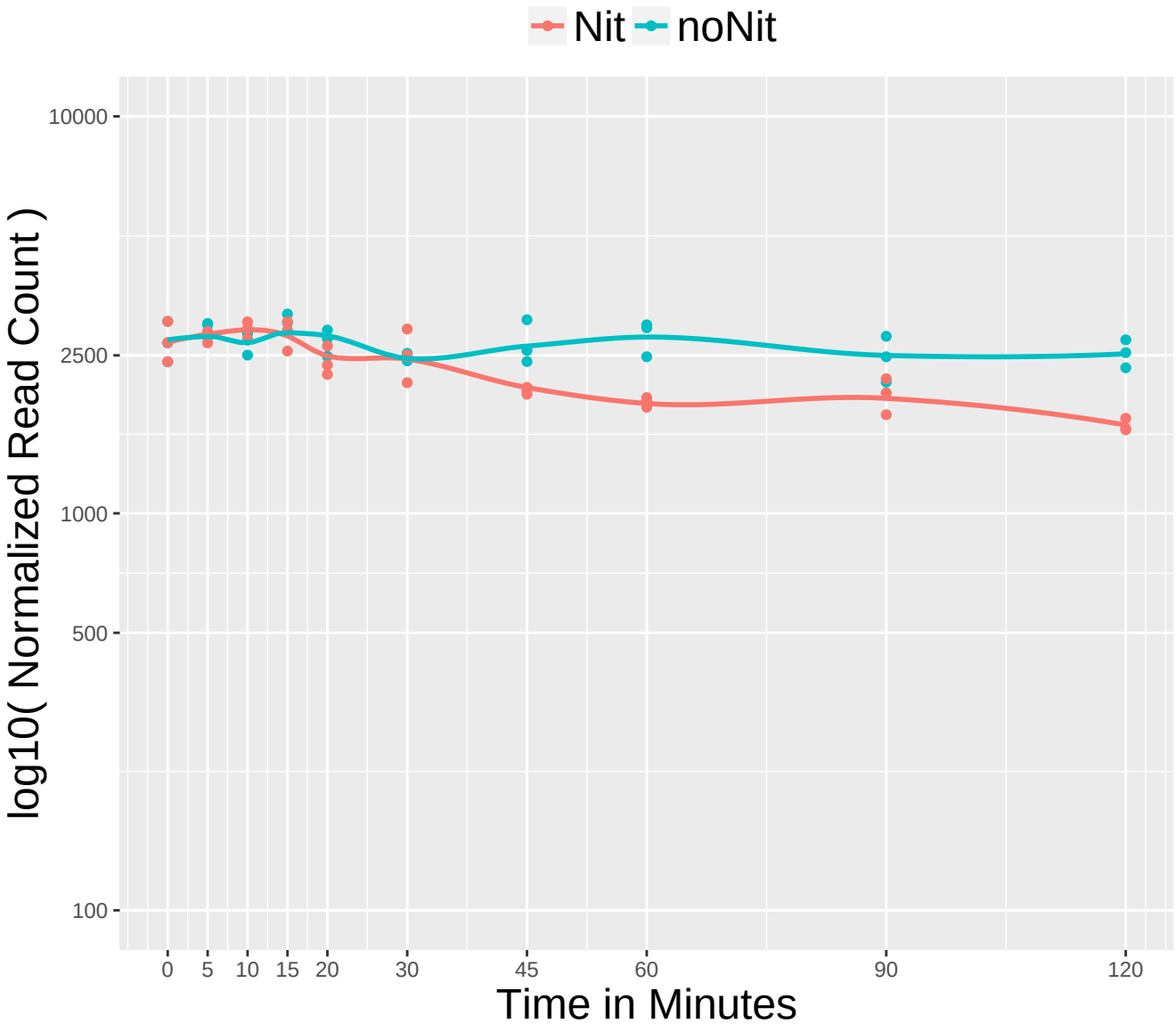
RGLG2,RING



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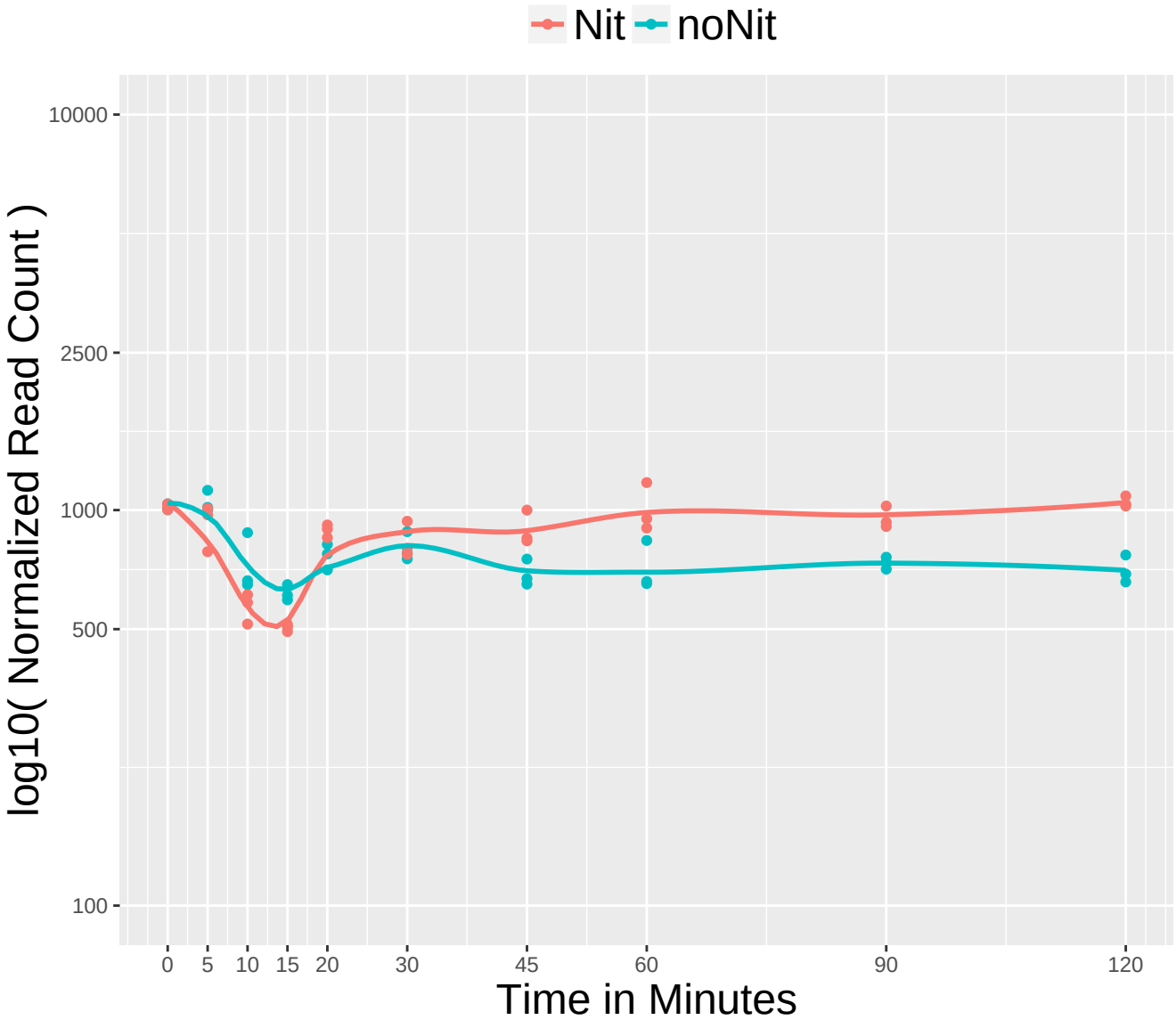
Sas10/Utp3/C1D



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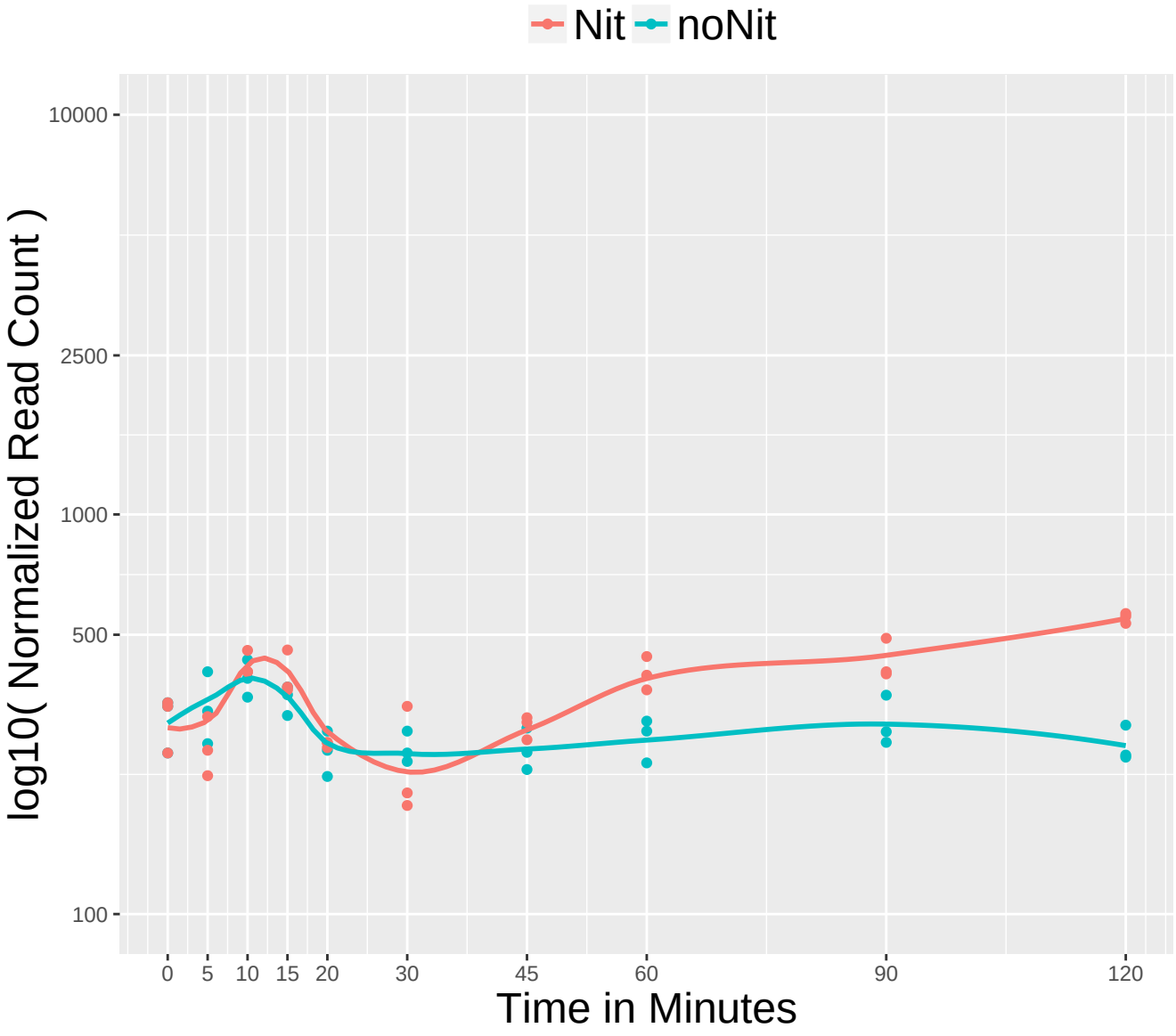
Zincin−like



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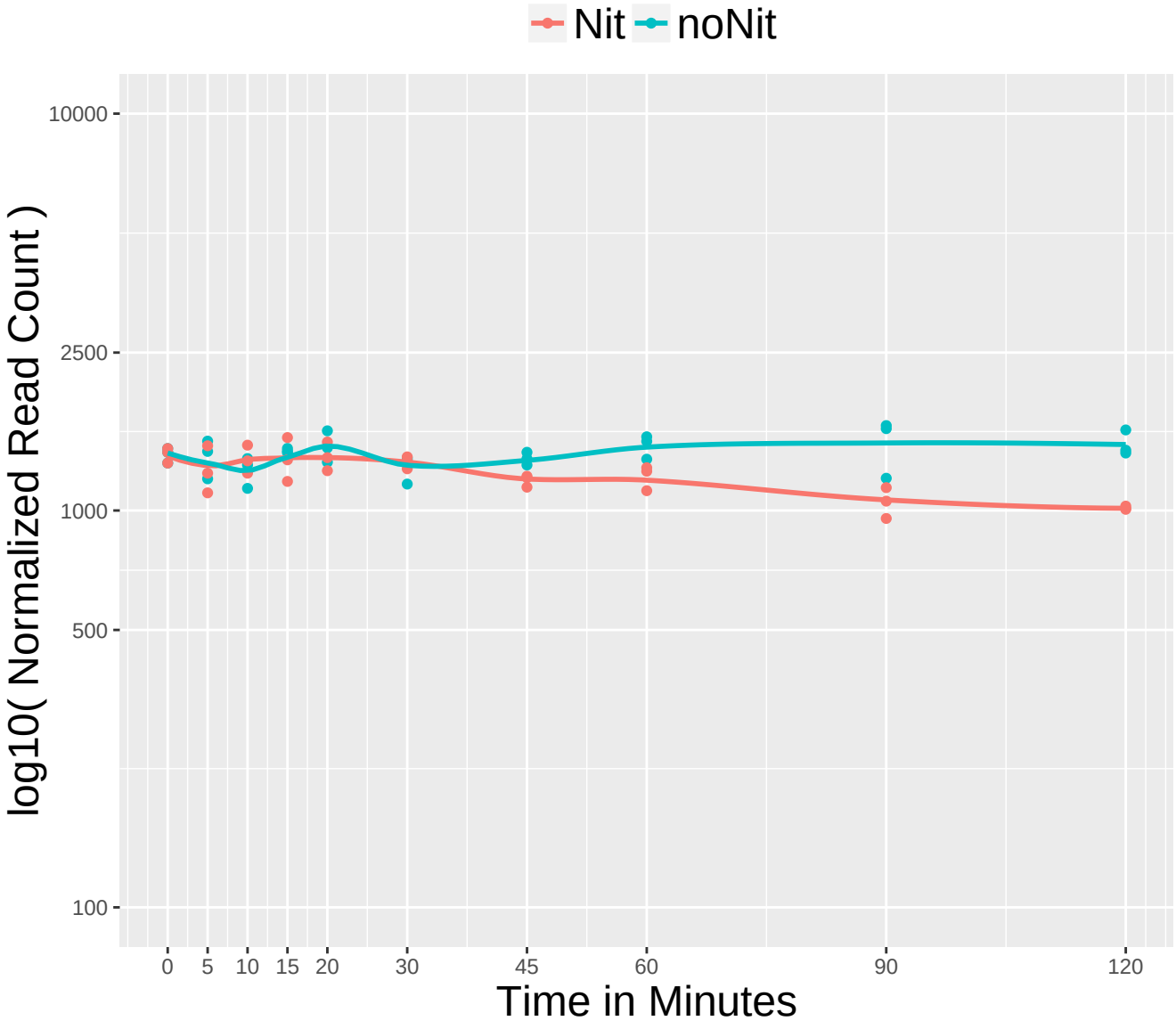
UP9,UP9



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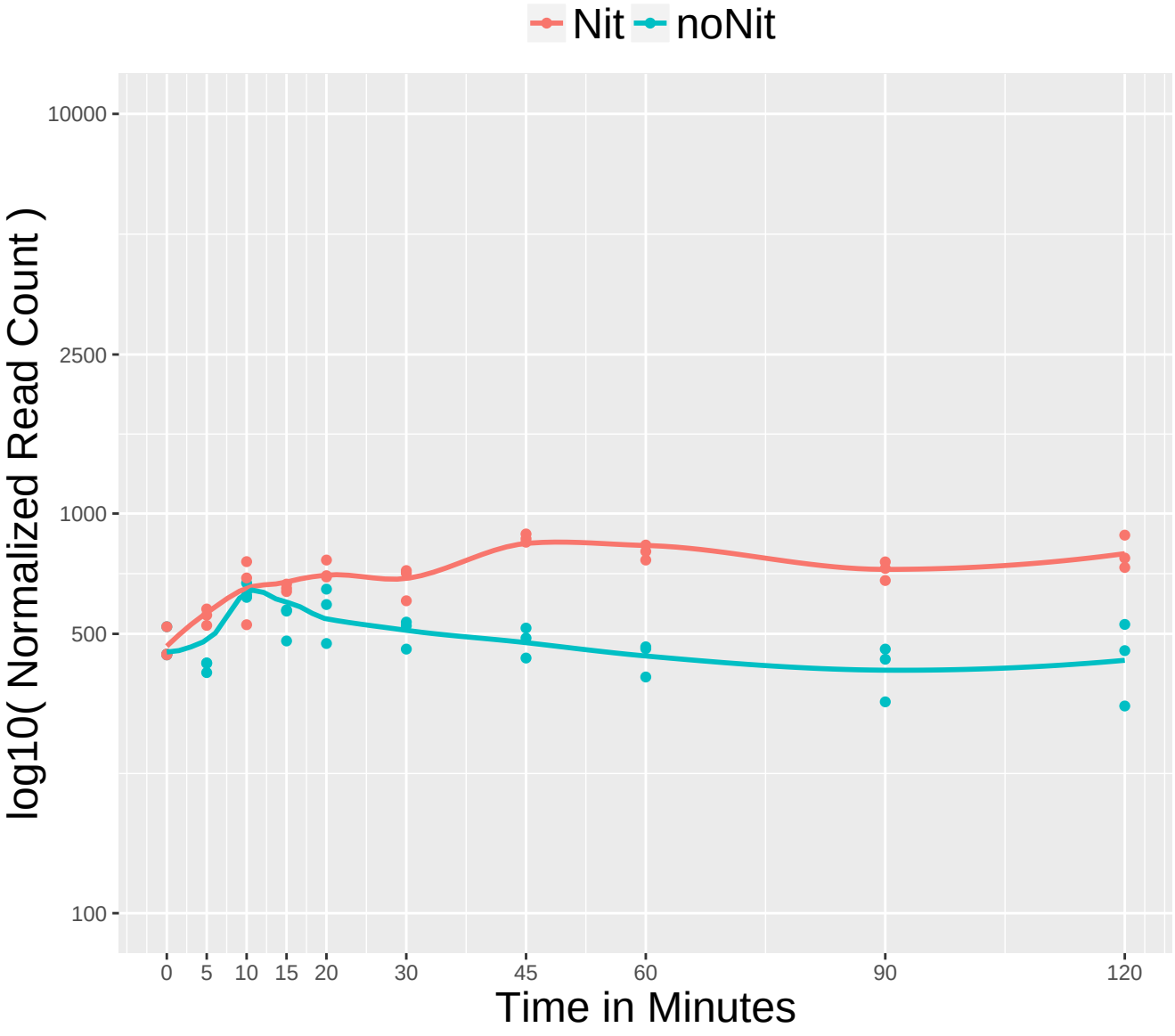

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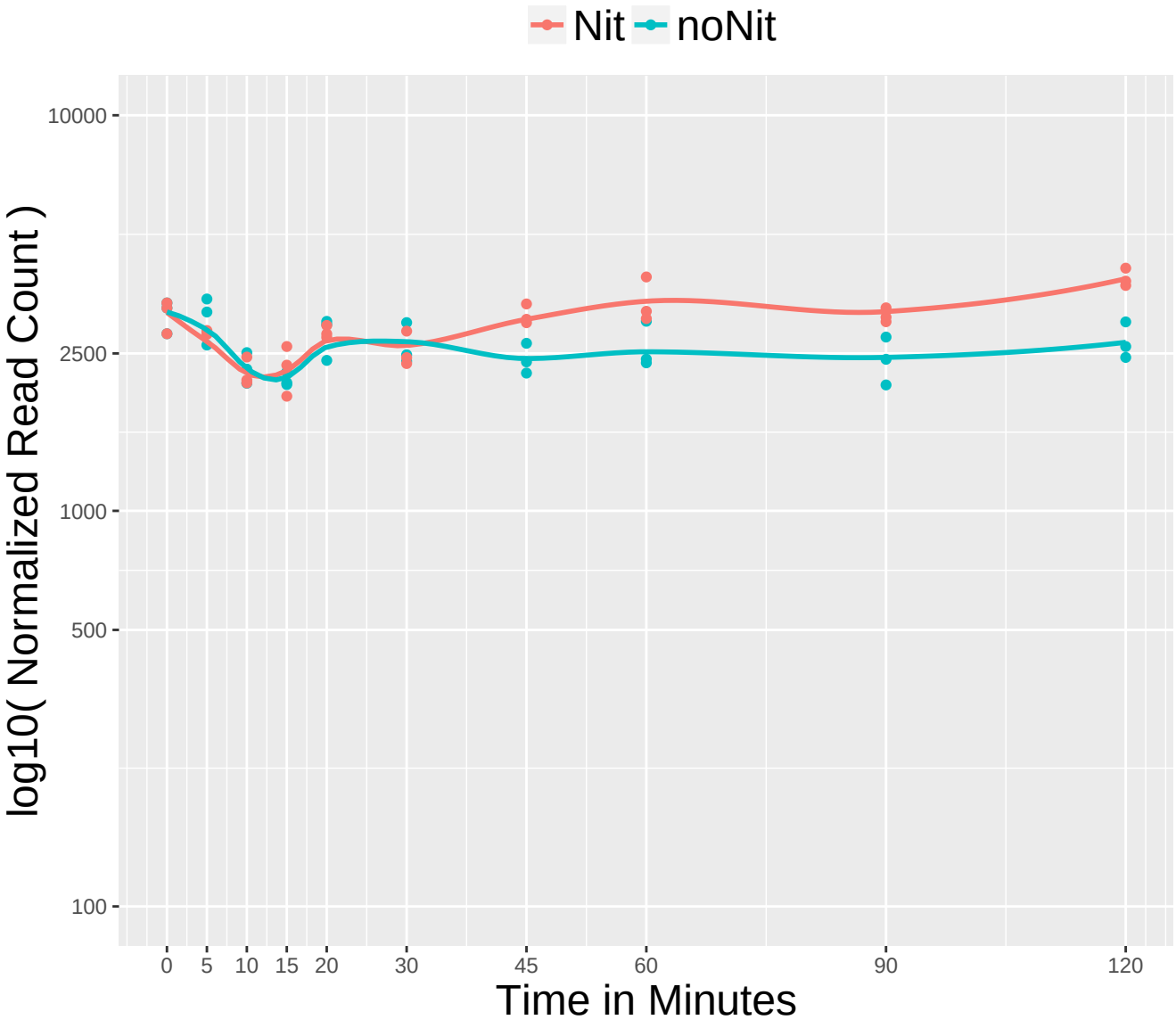
ATRBP47C,RNA−binding



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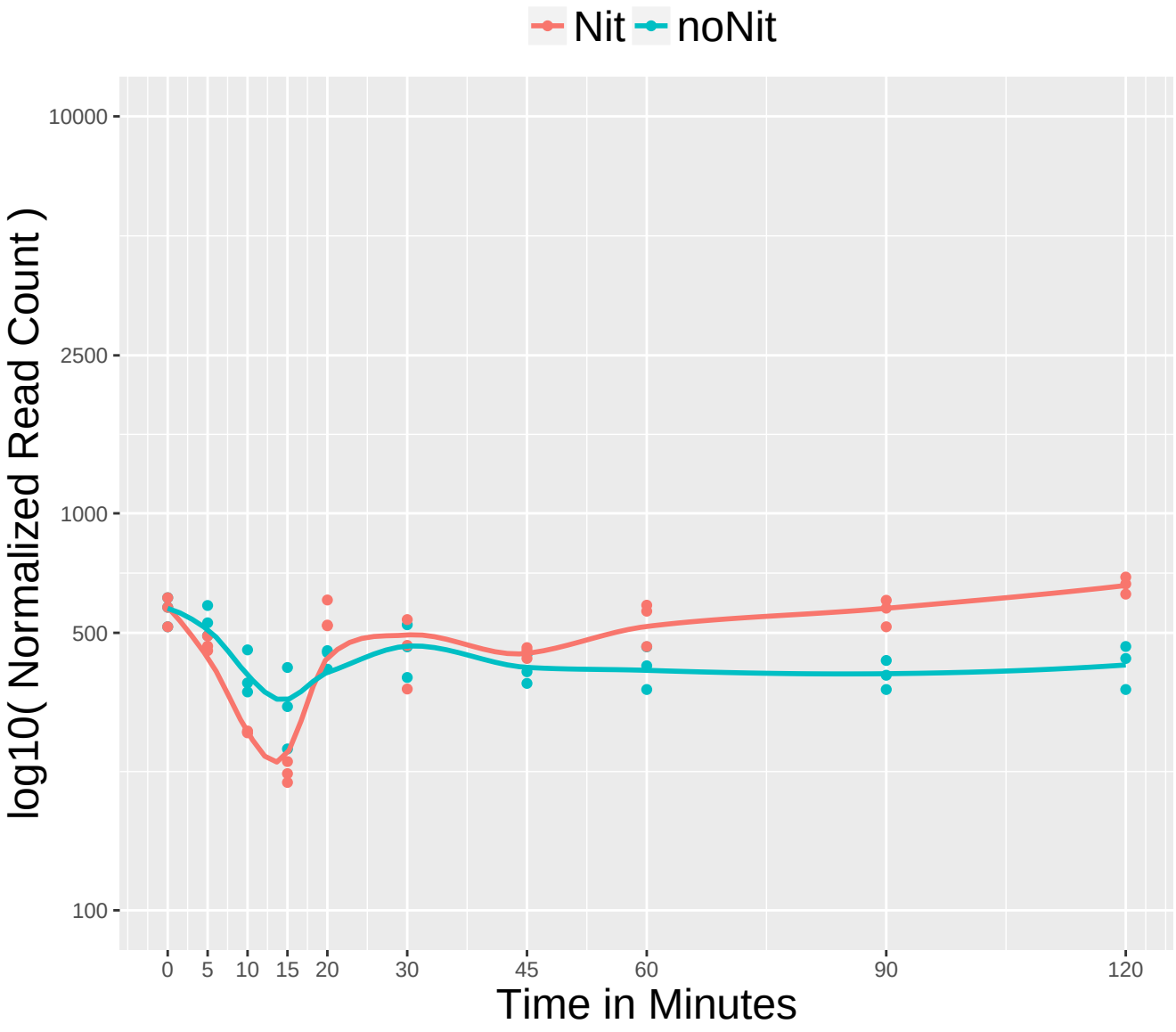
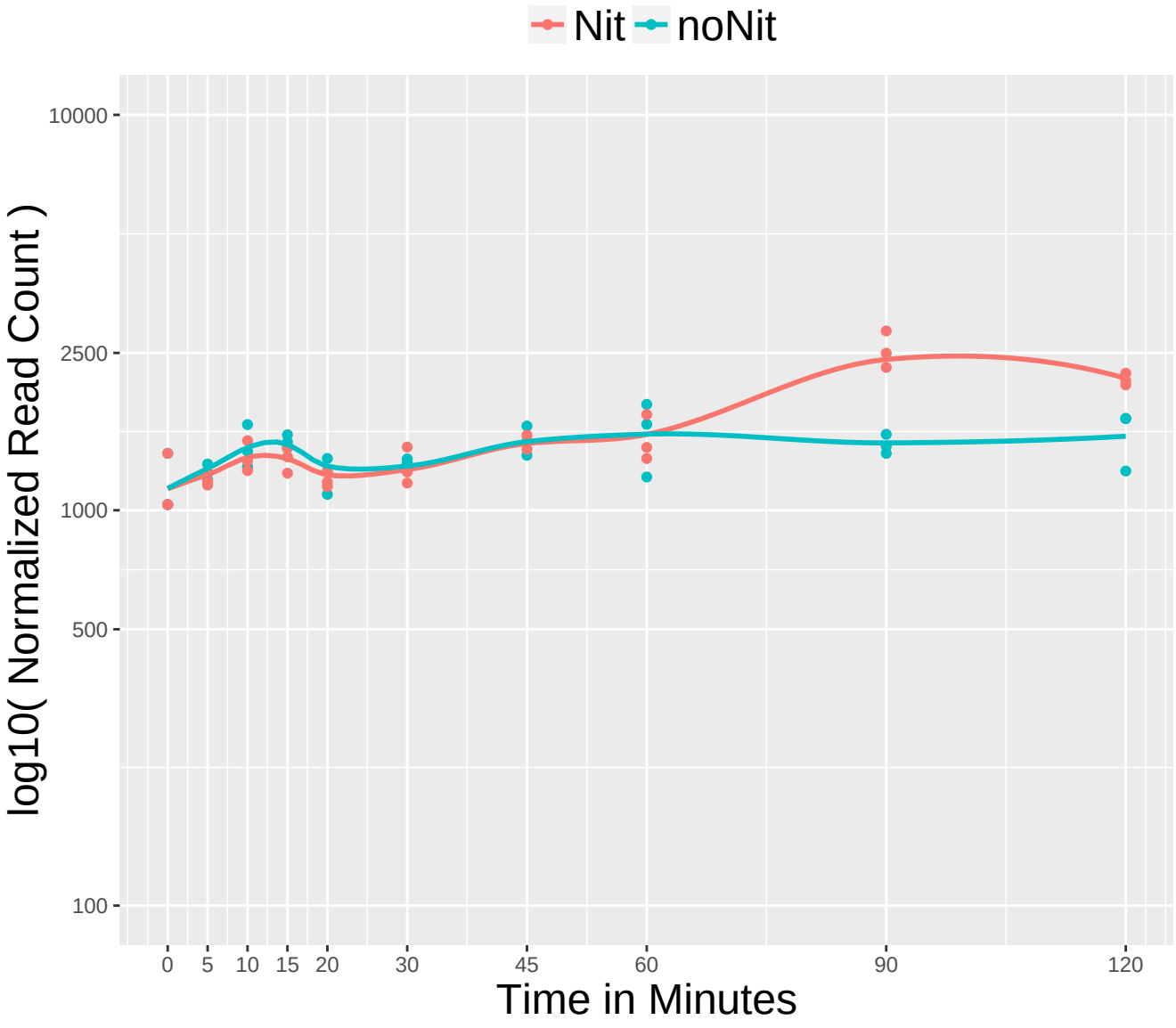
MEE12,maternal



AT2G31020

ORP1A,OSBP(oxysterol



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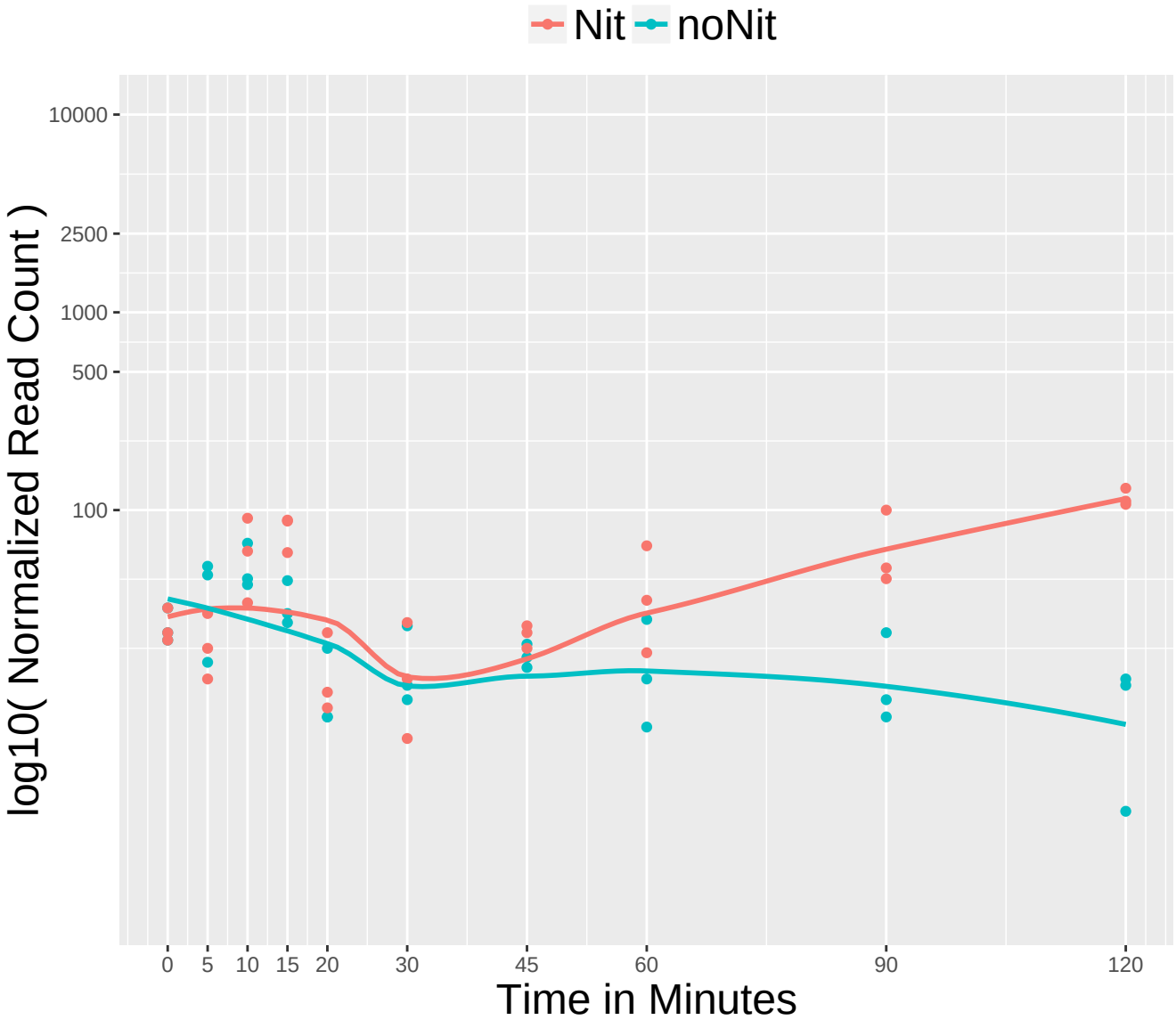
PDX1L4,putative



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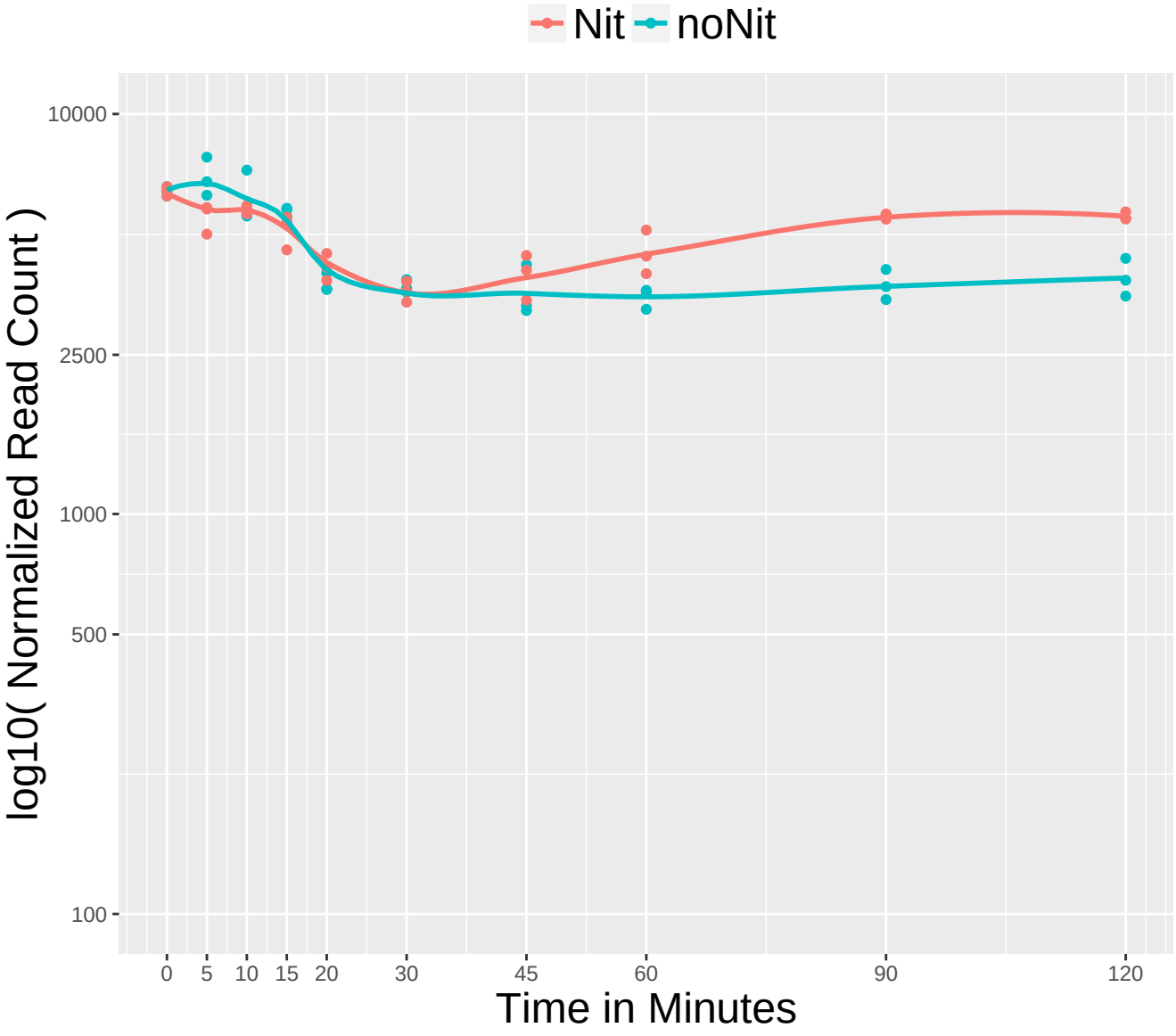
basic



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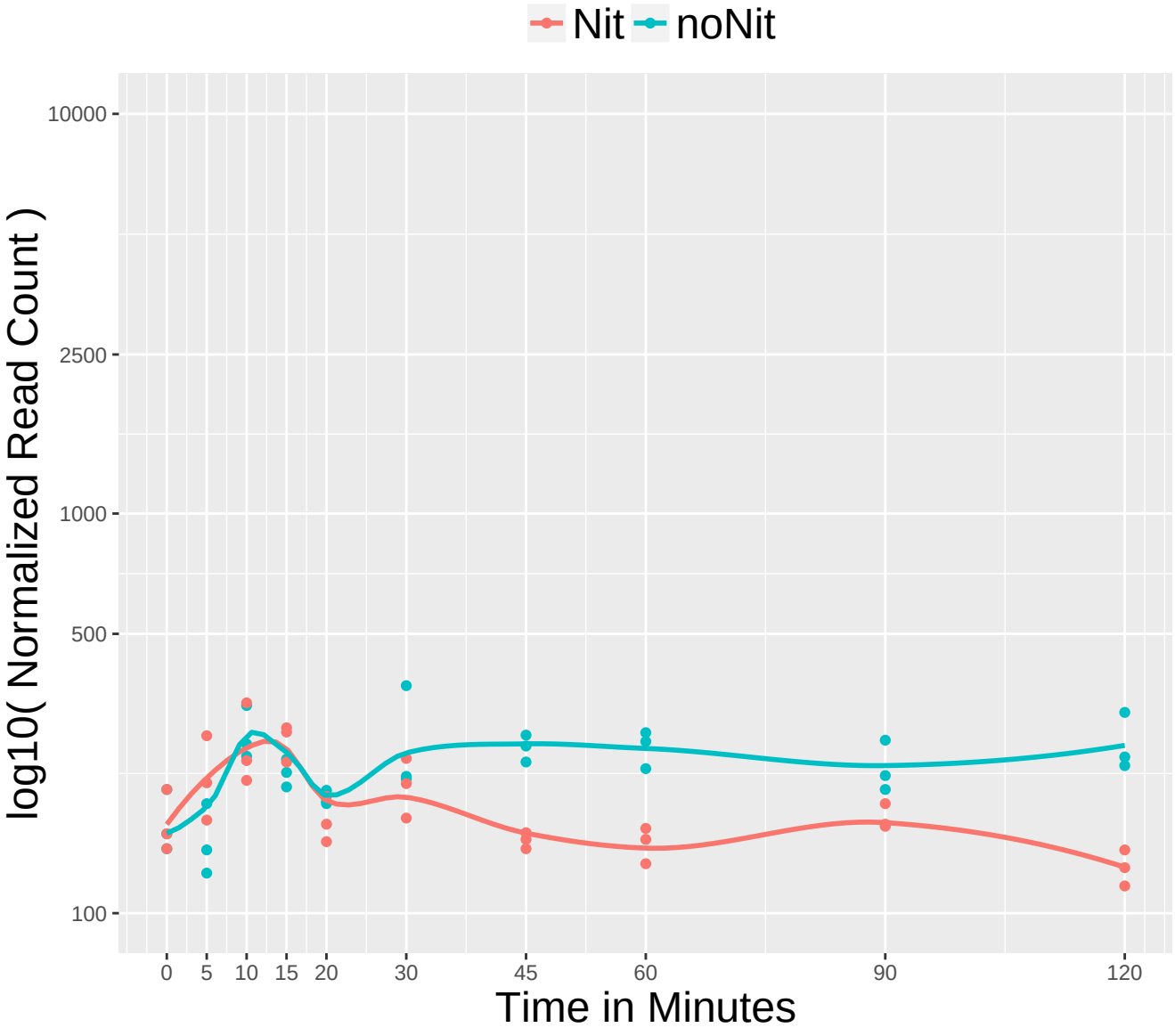

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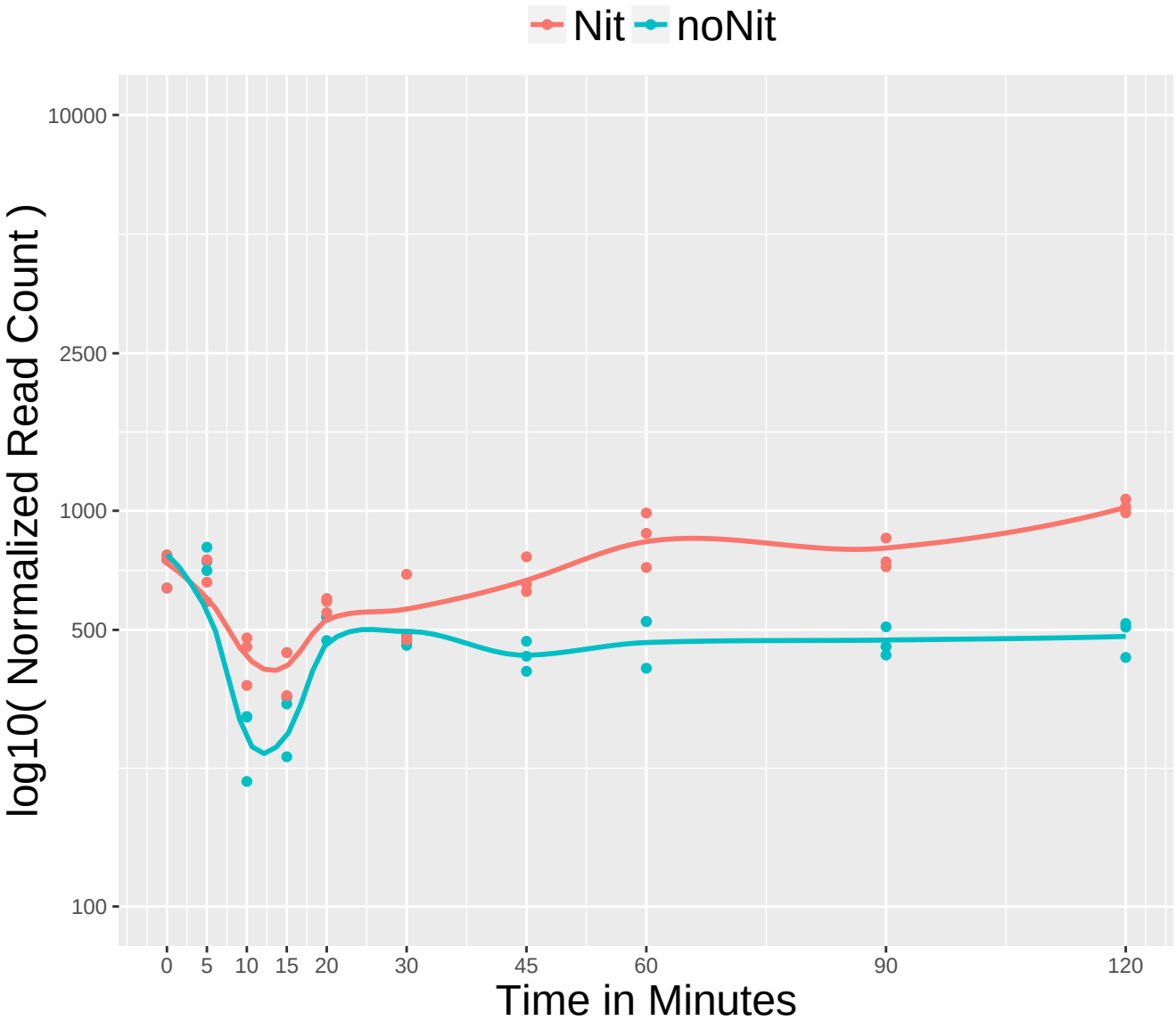

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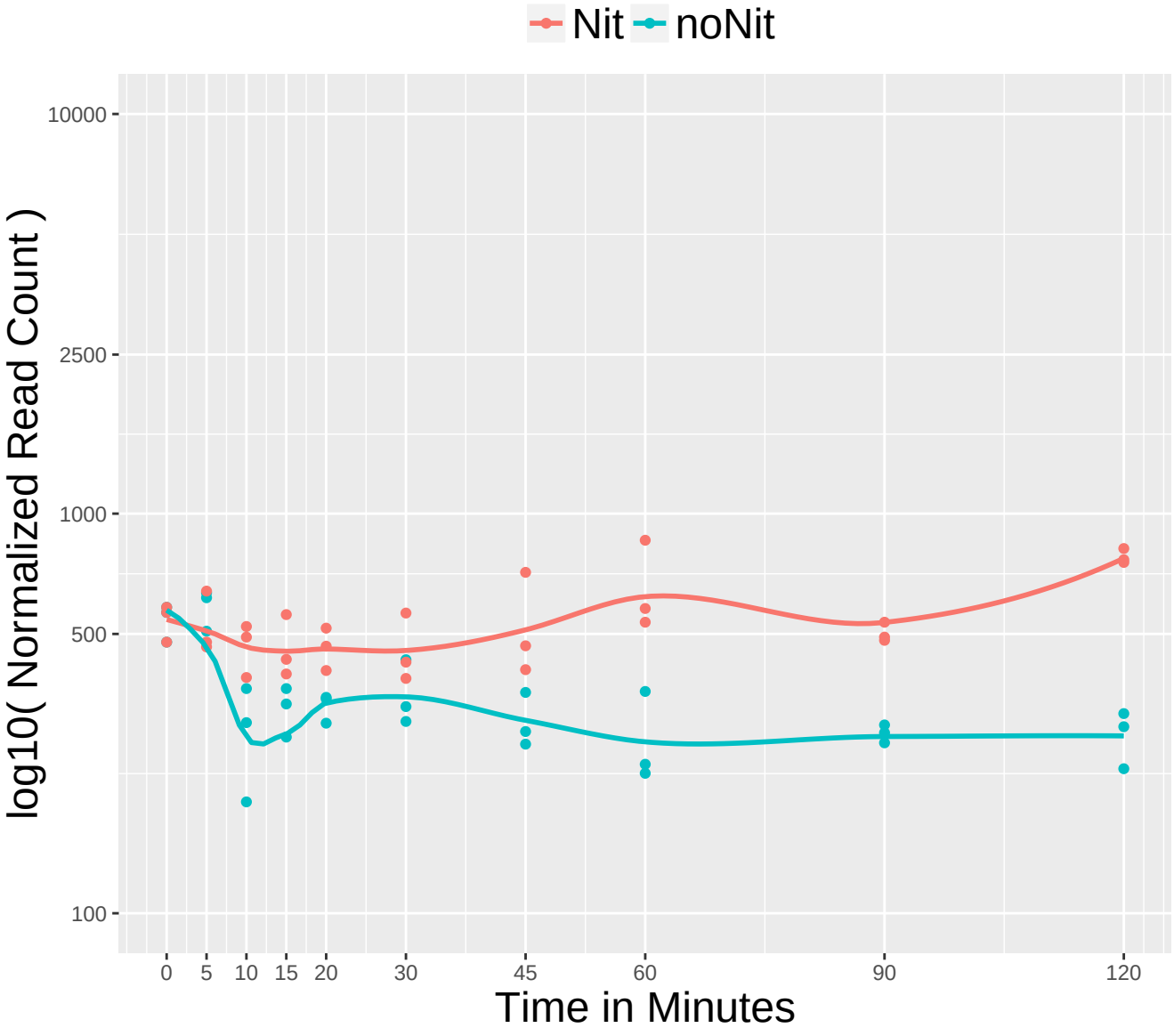

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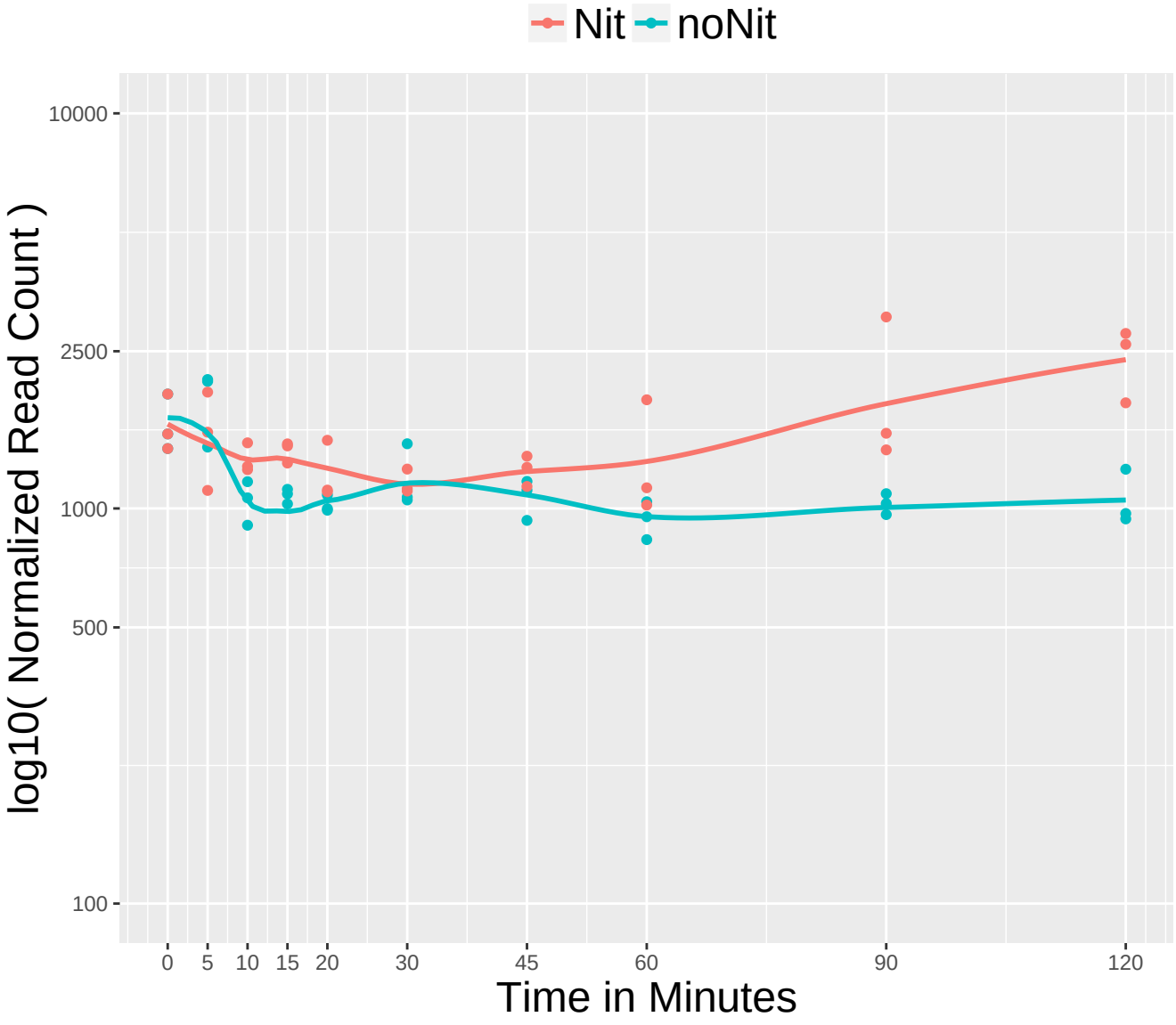
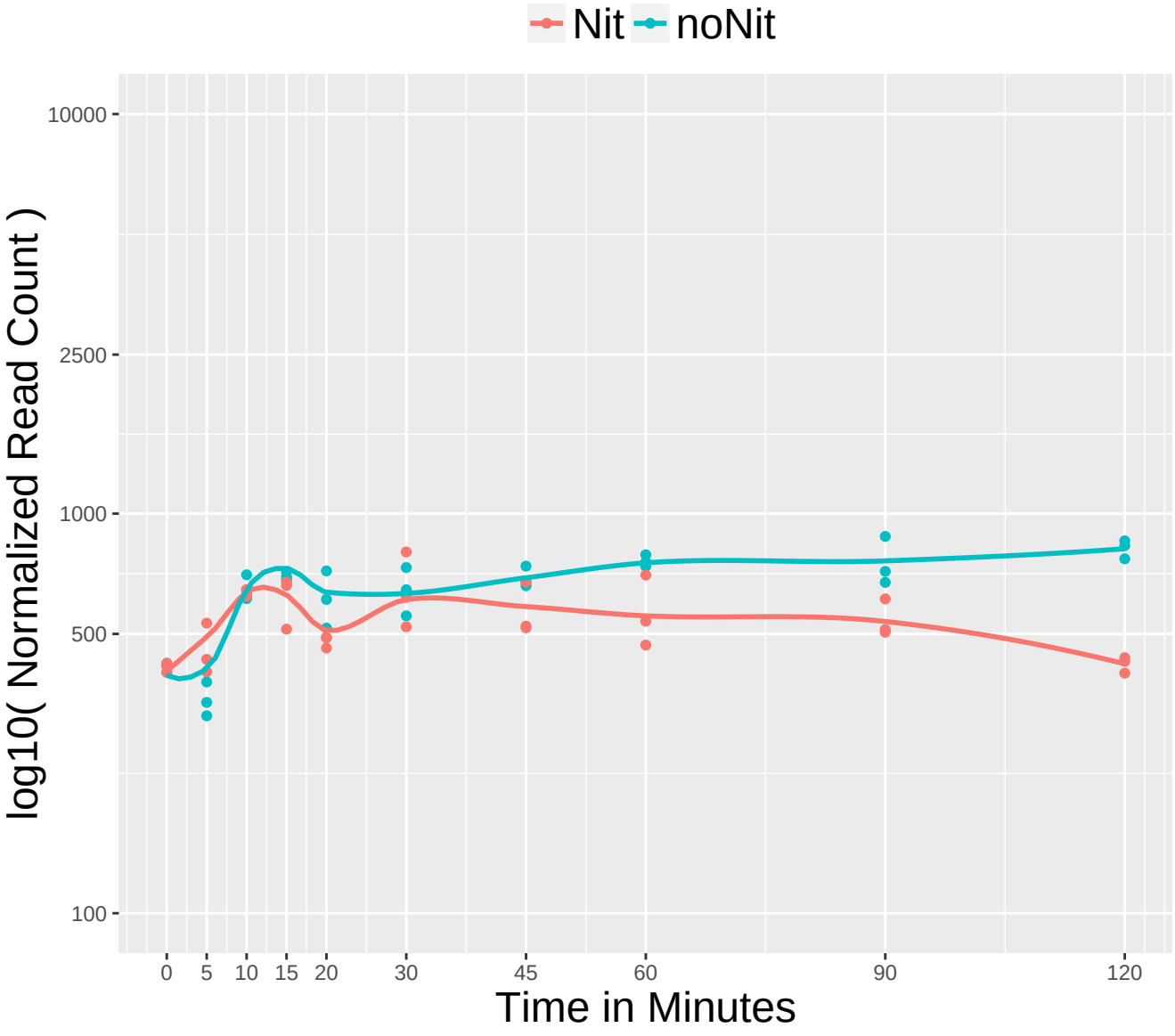
valeryl−CoA−dehydrogenase,IVDH,ISOVALERYL−COA−



AT4G14240

CBS



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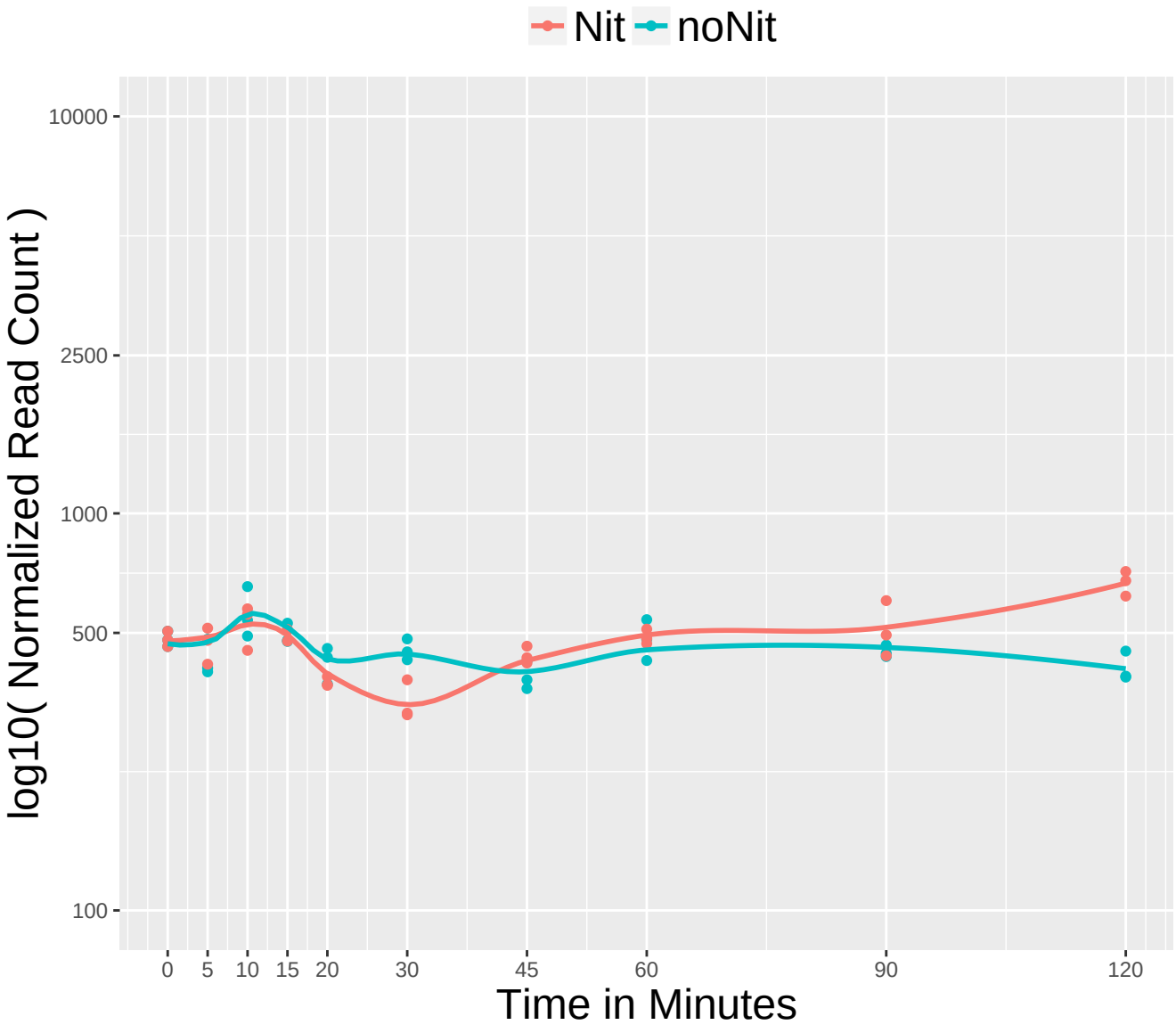

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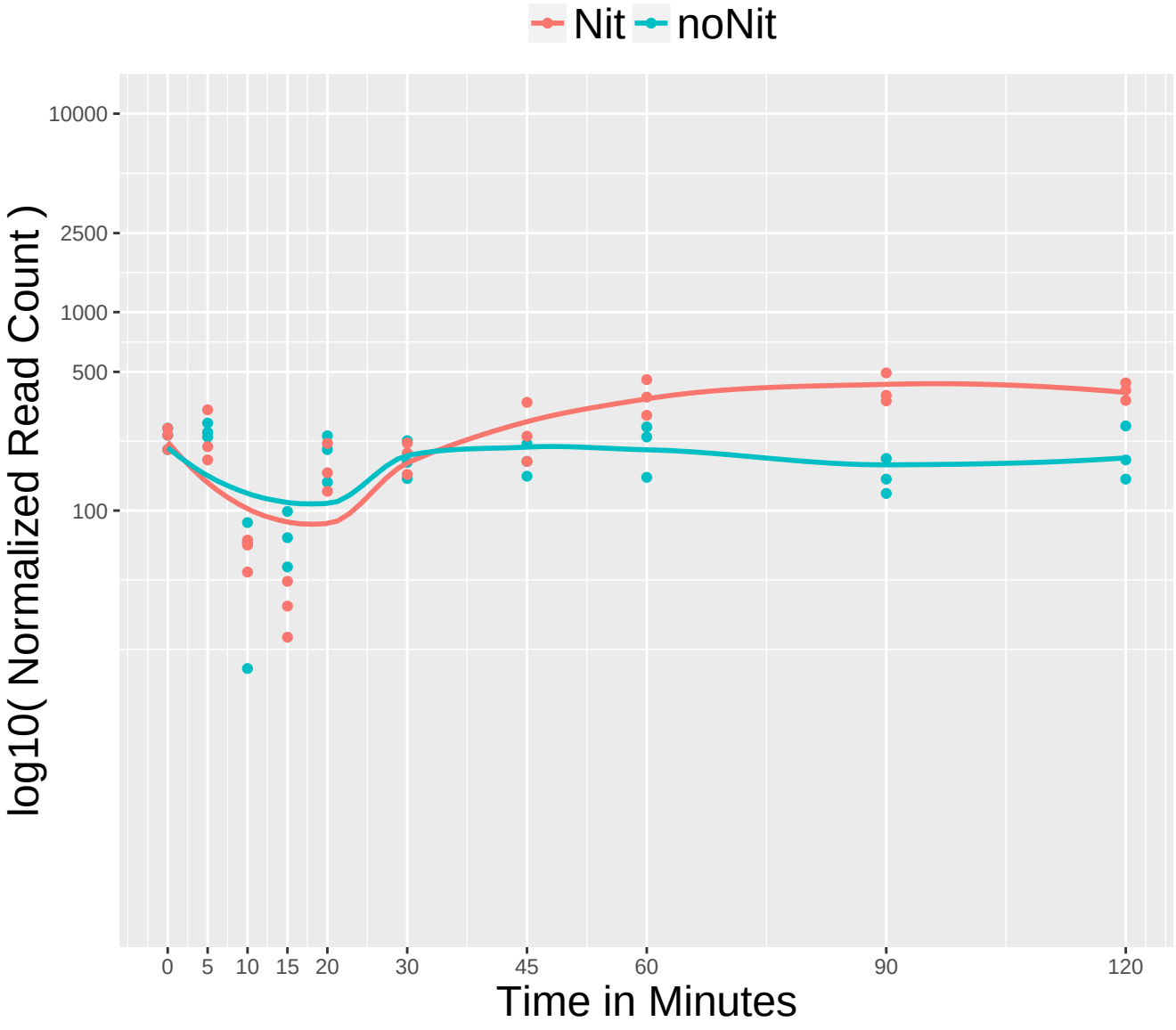
bHLH11,basic



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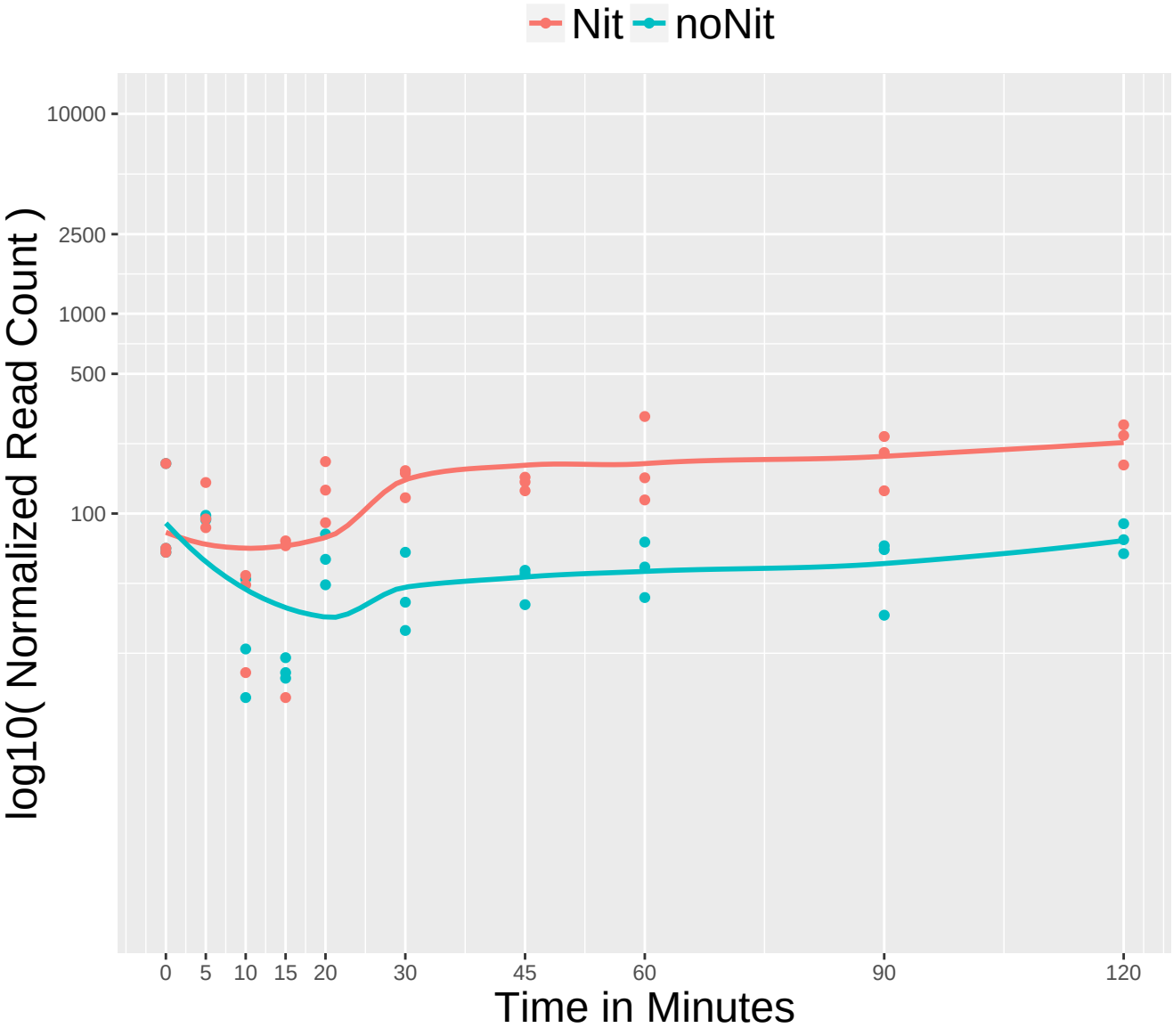
other



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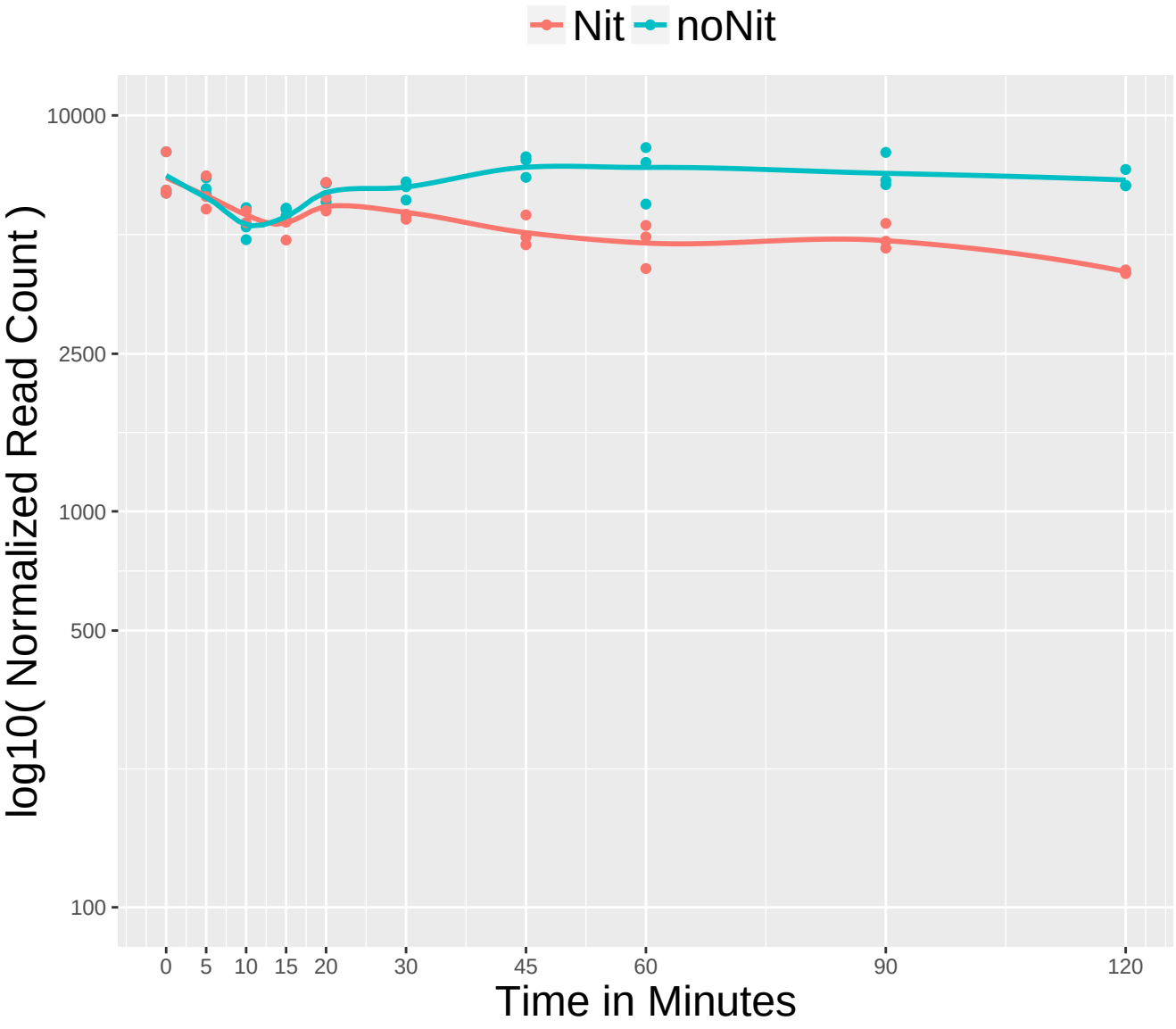

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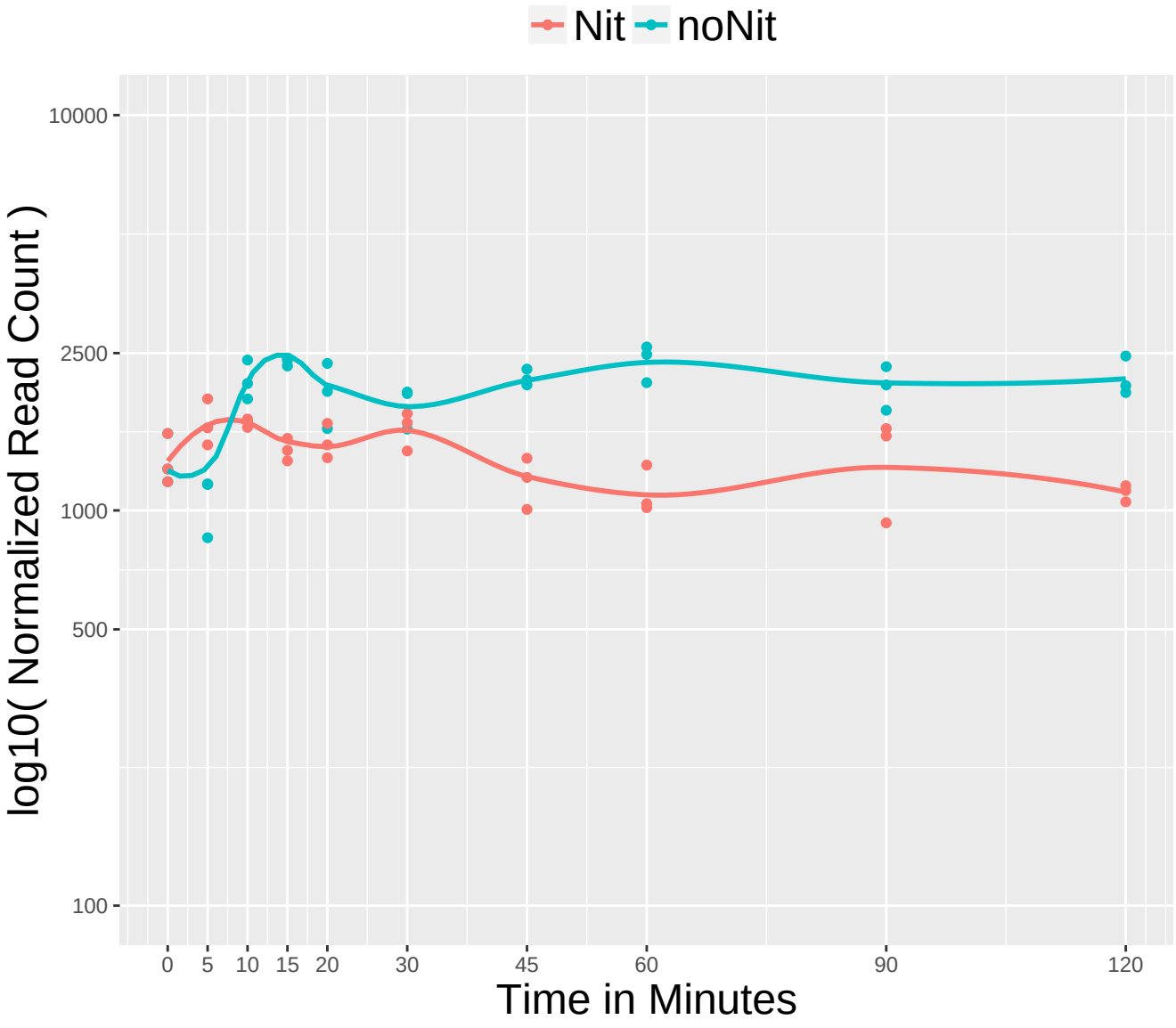
XGD1,xylogalacturonan



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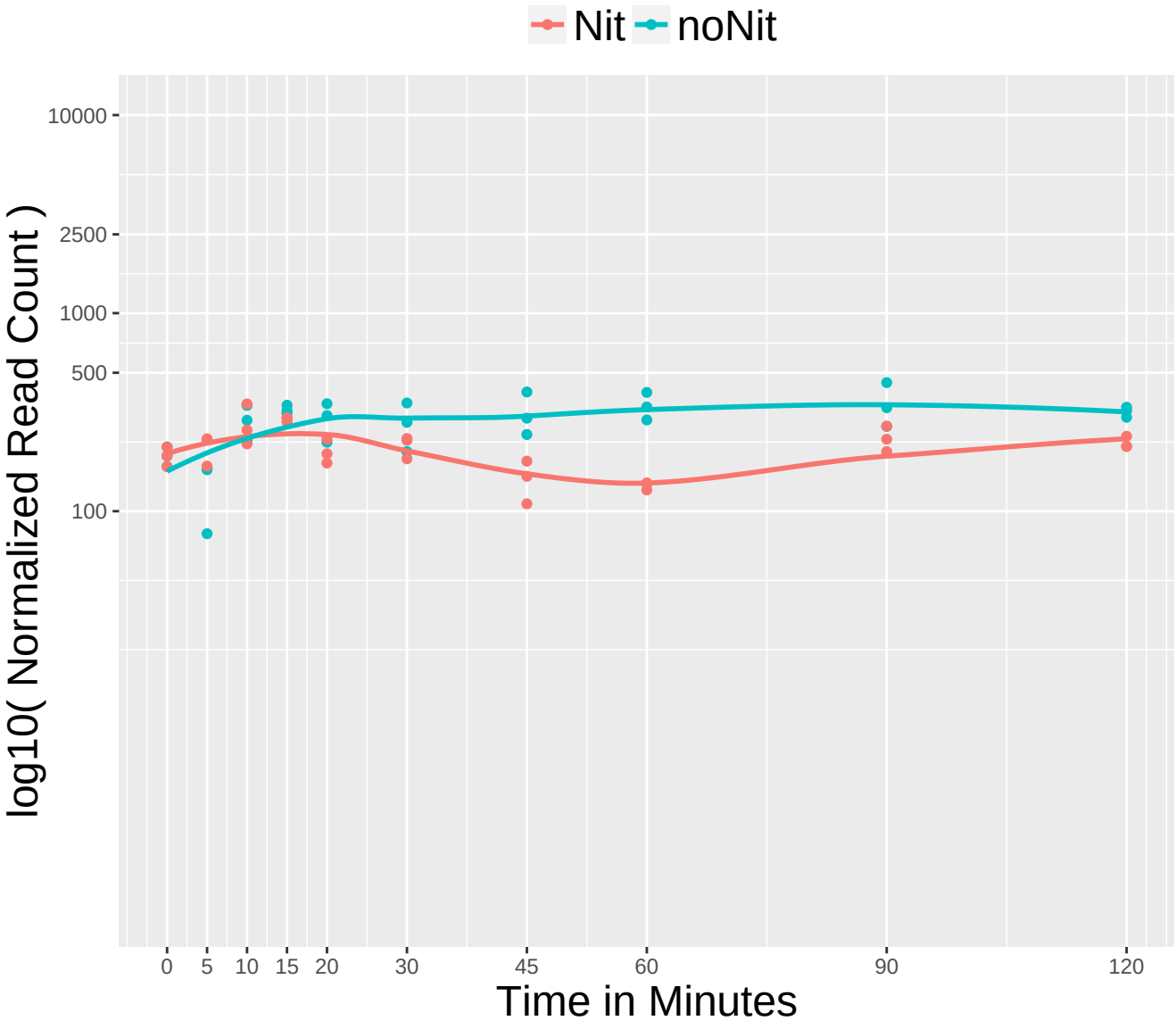
HXXXD−type



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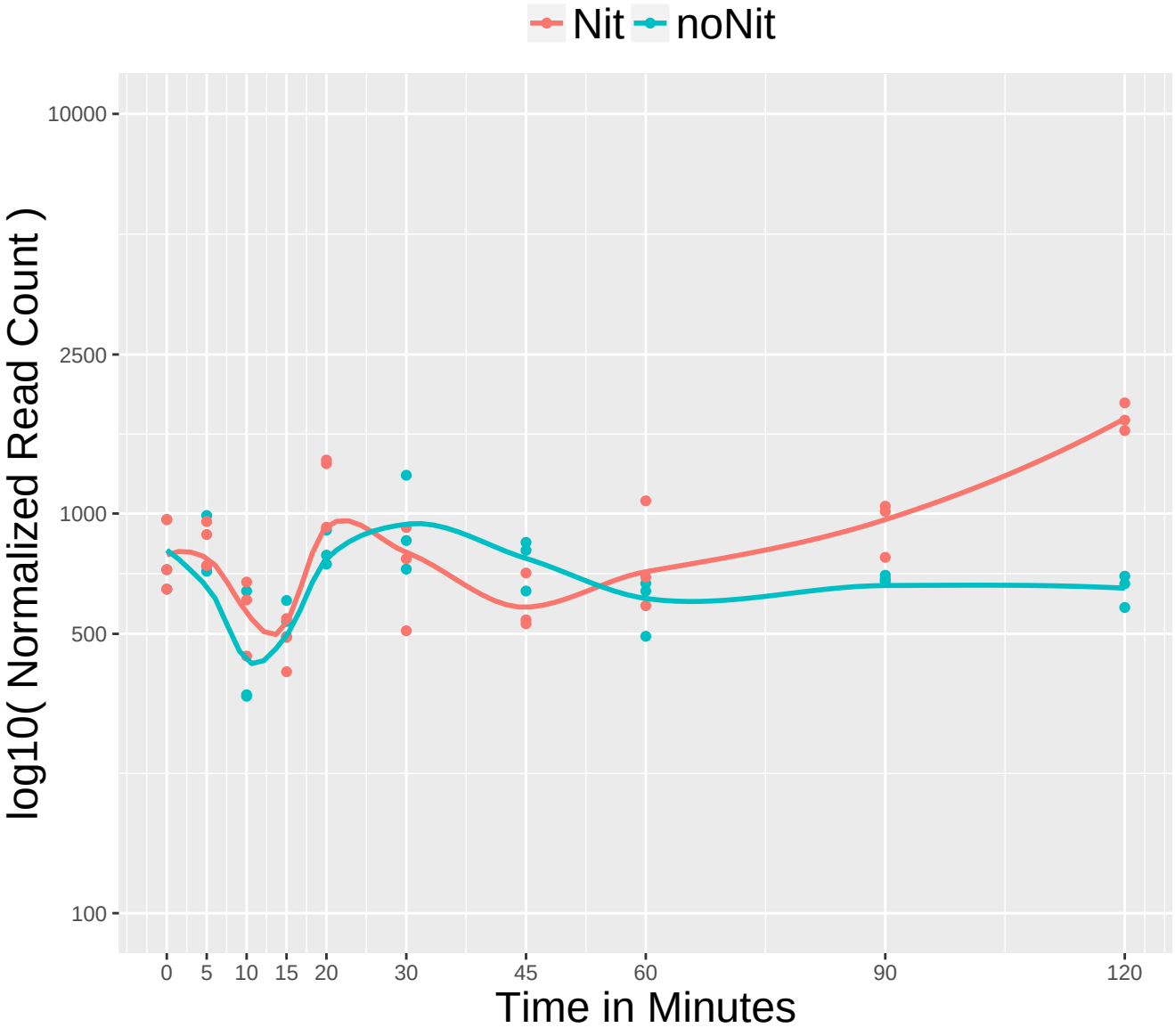

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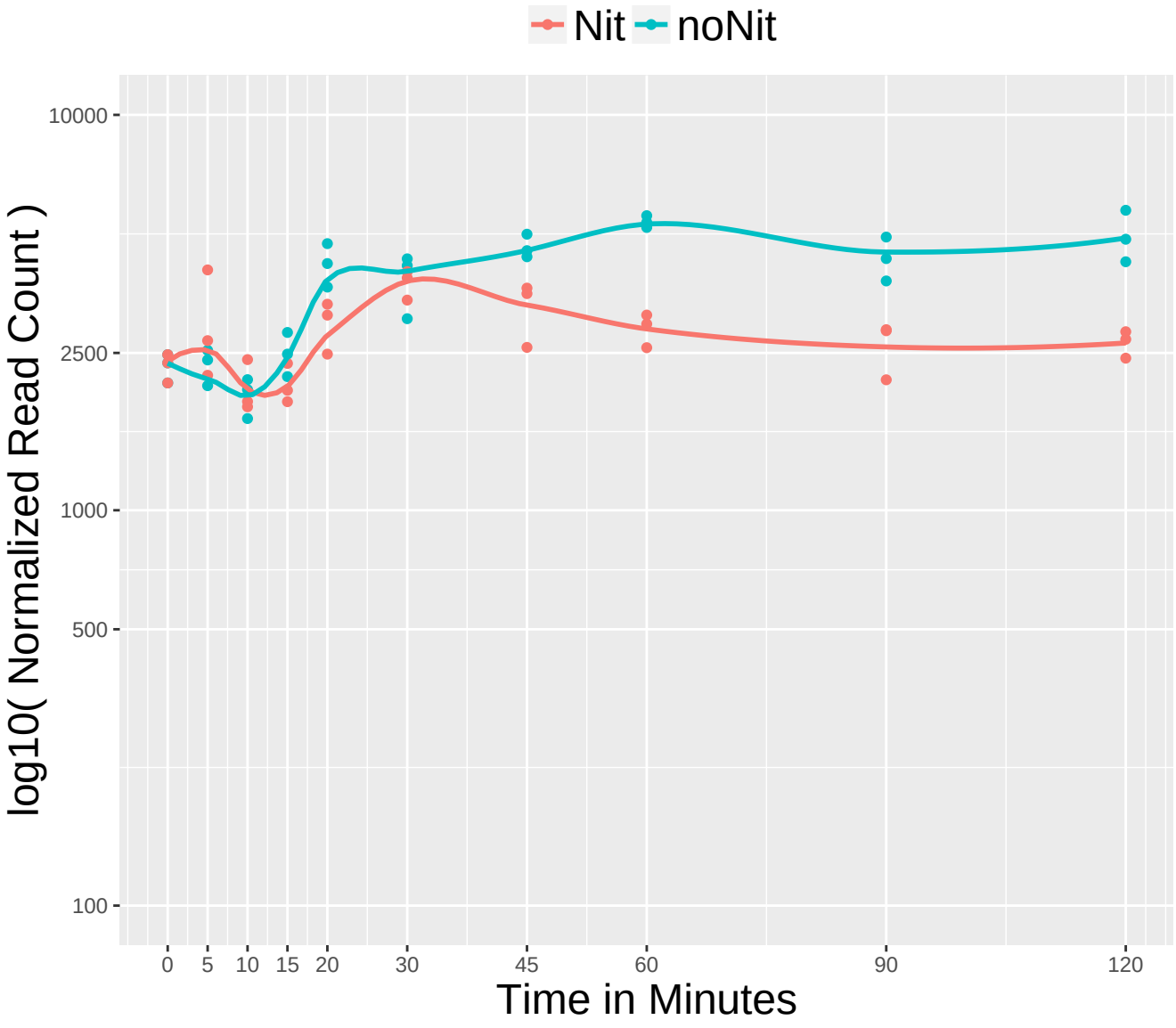
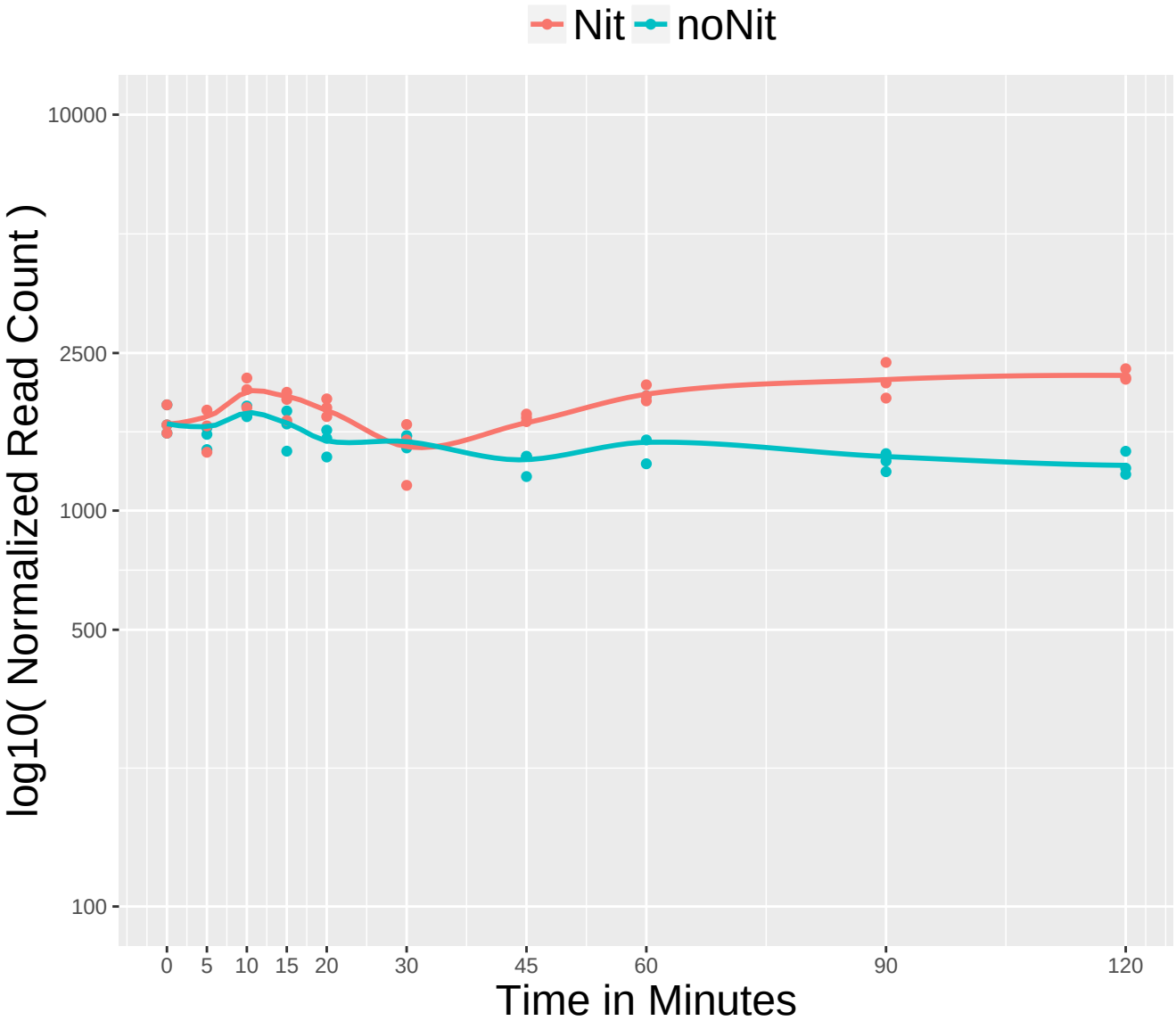
ATEXO70E2,exocyst



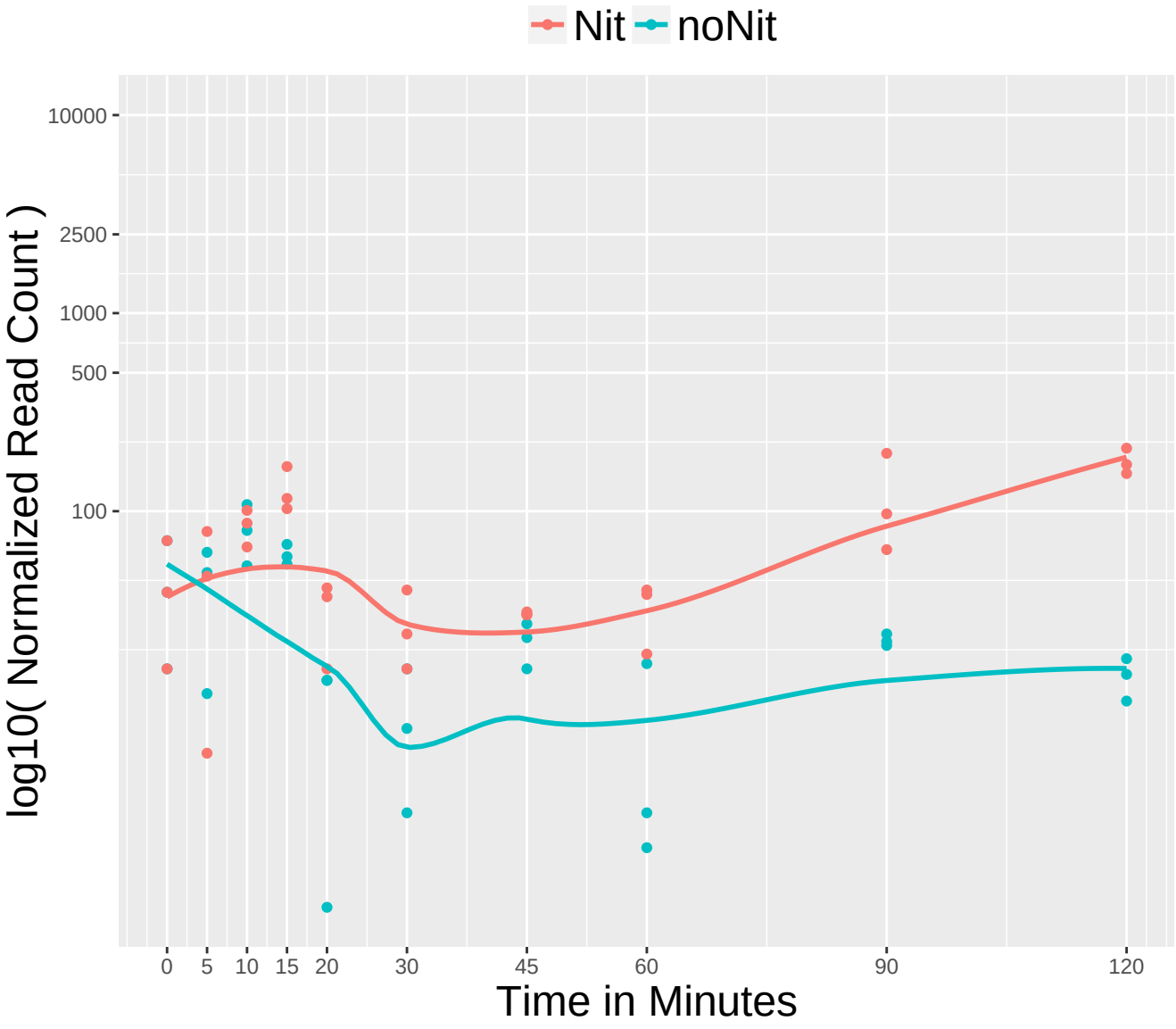
AT1G08410

P−loop



AT1G15330

Cystathionine



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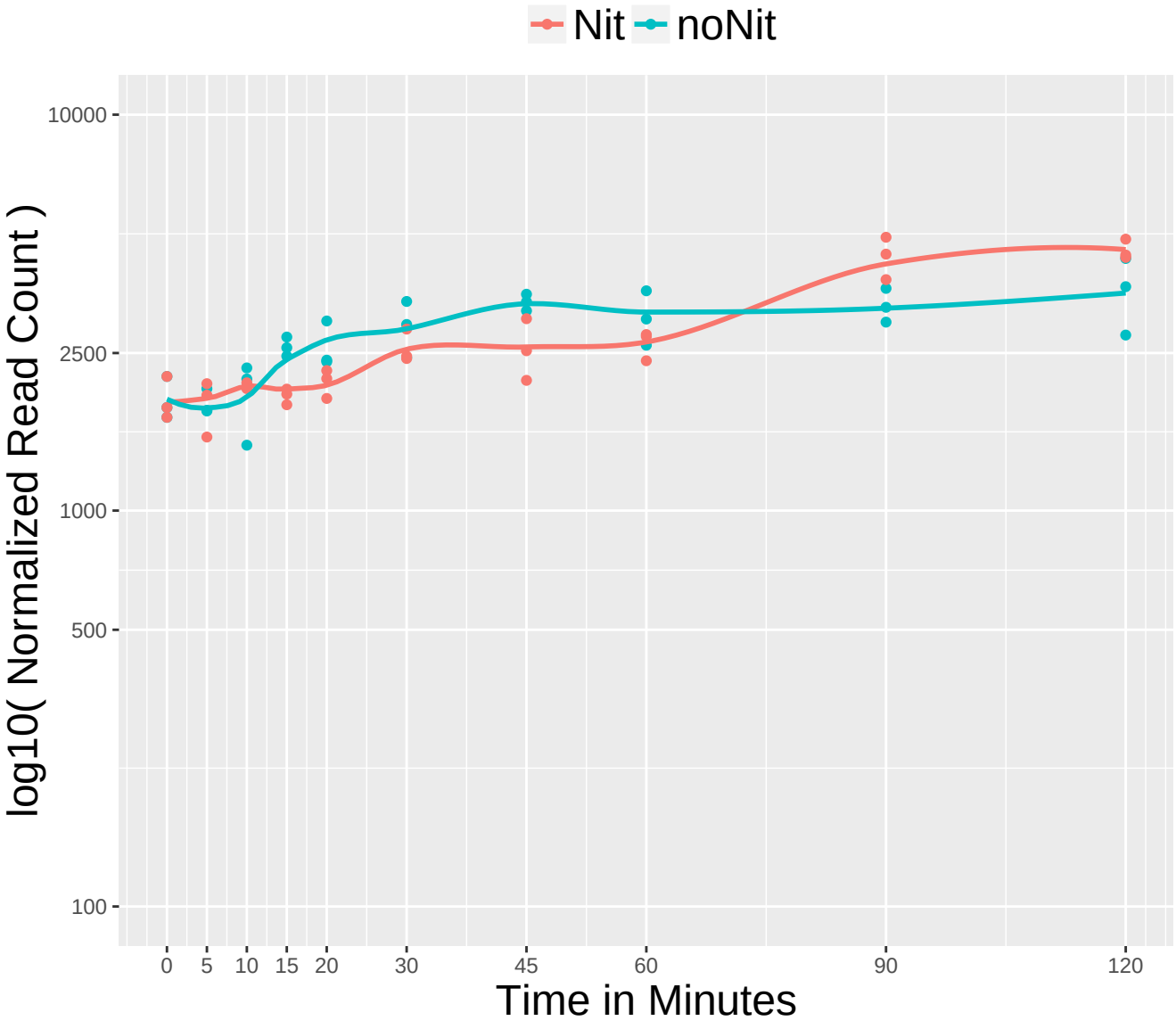
ketose−bisphosphate



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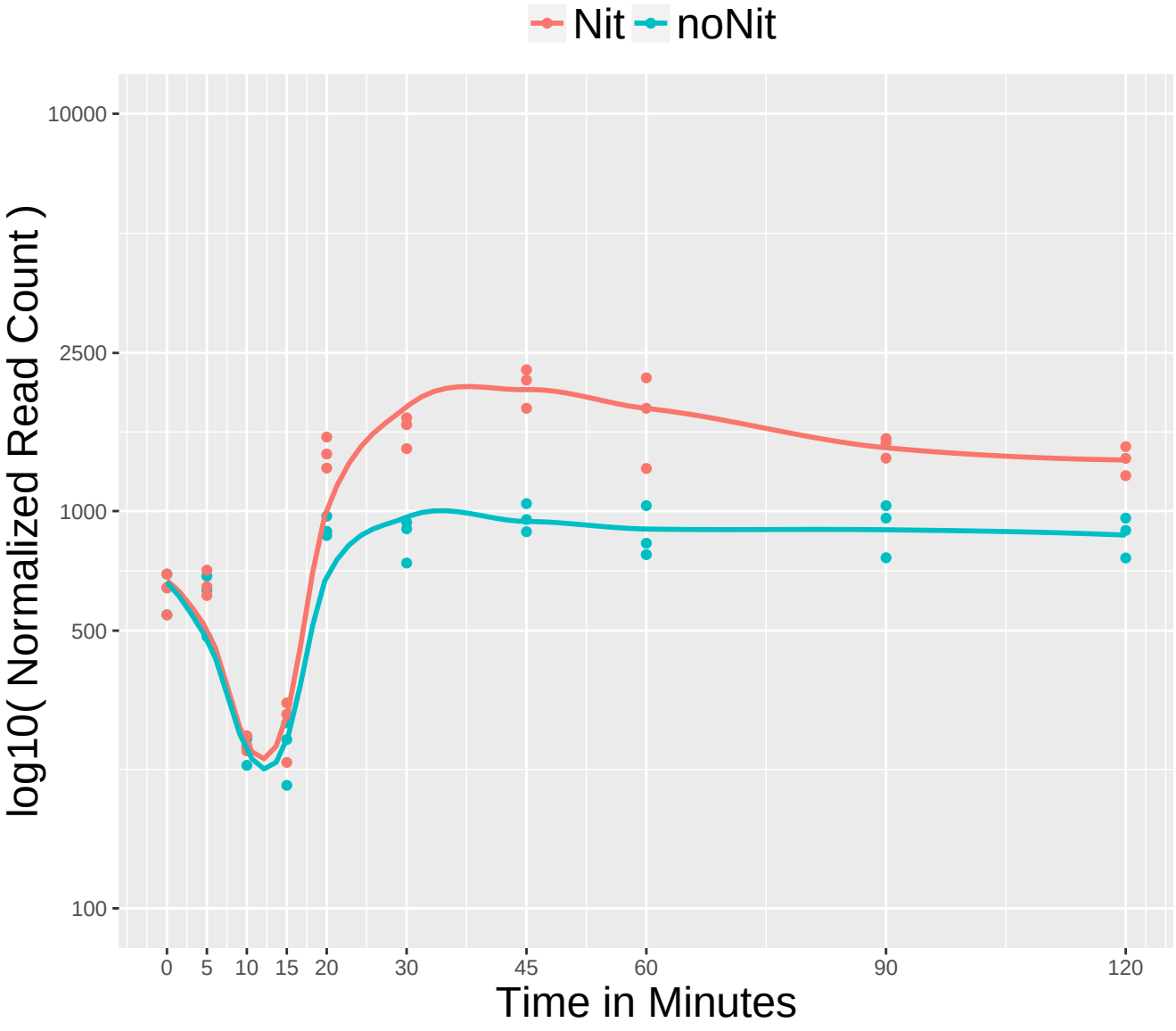

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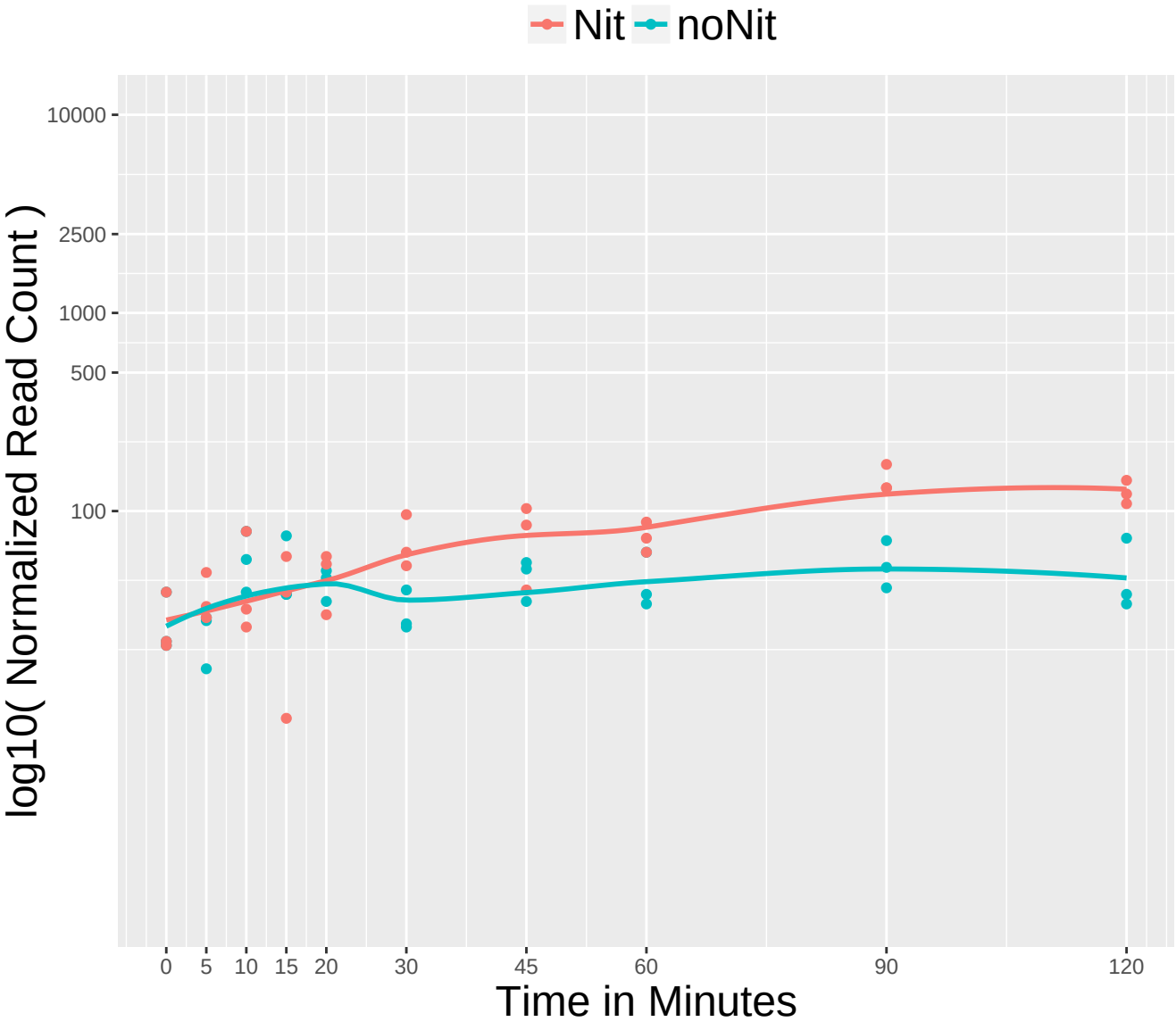
Receptor−like



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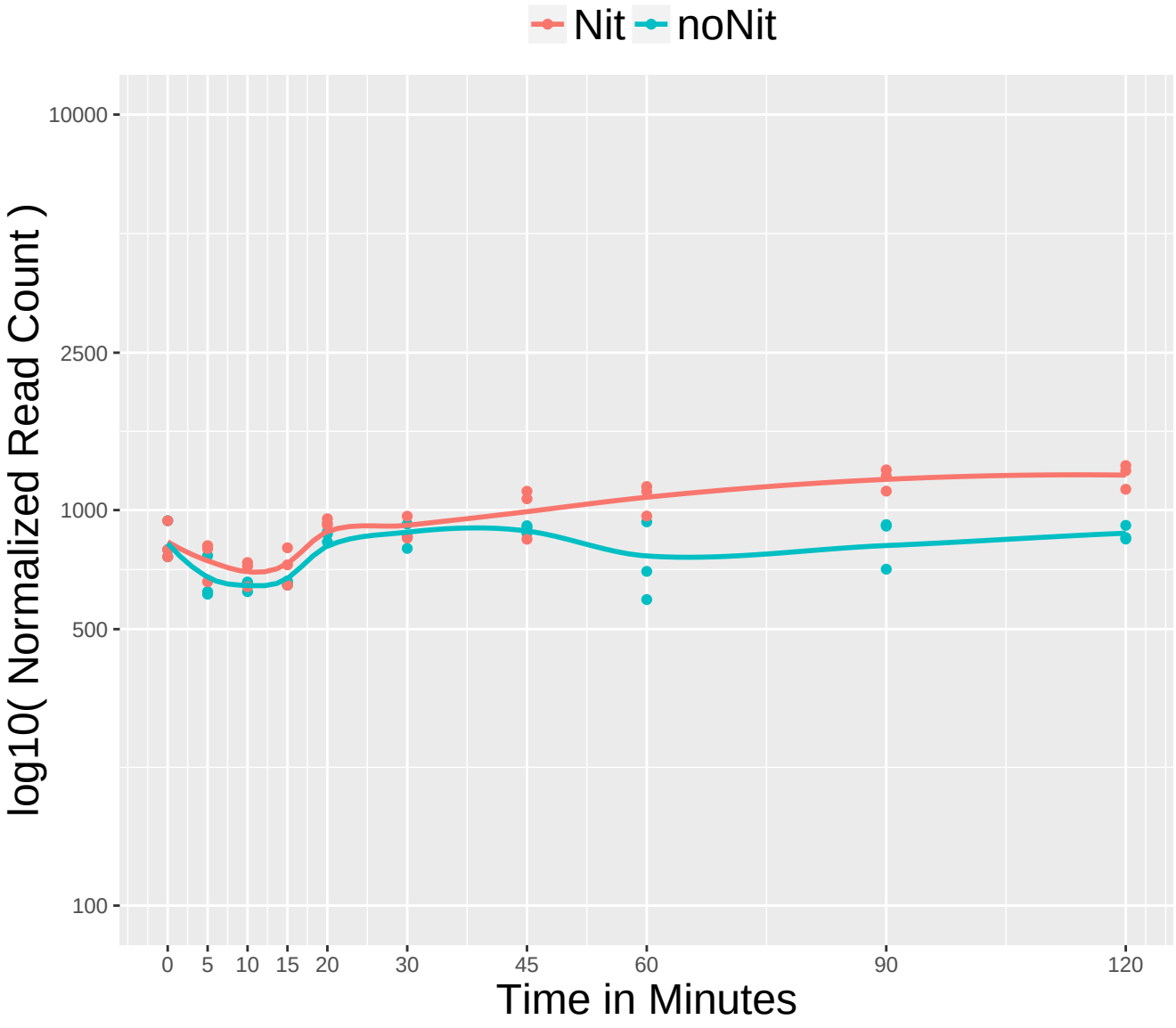
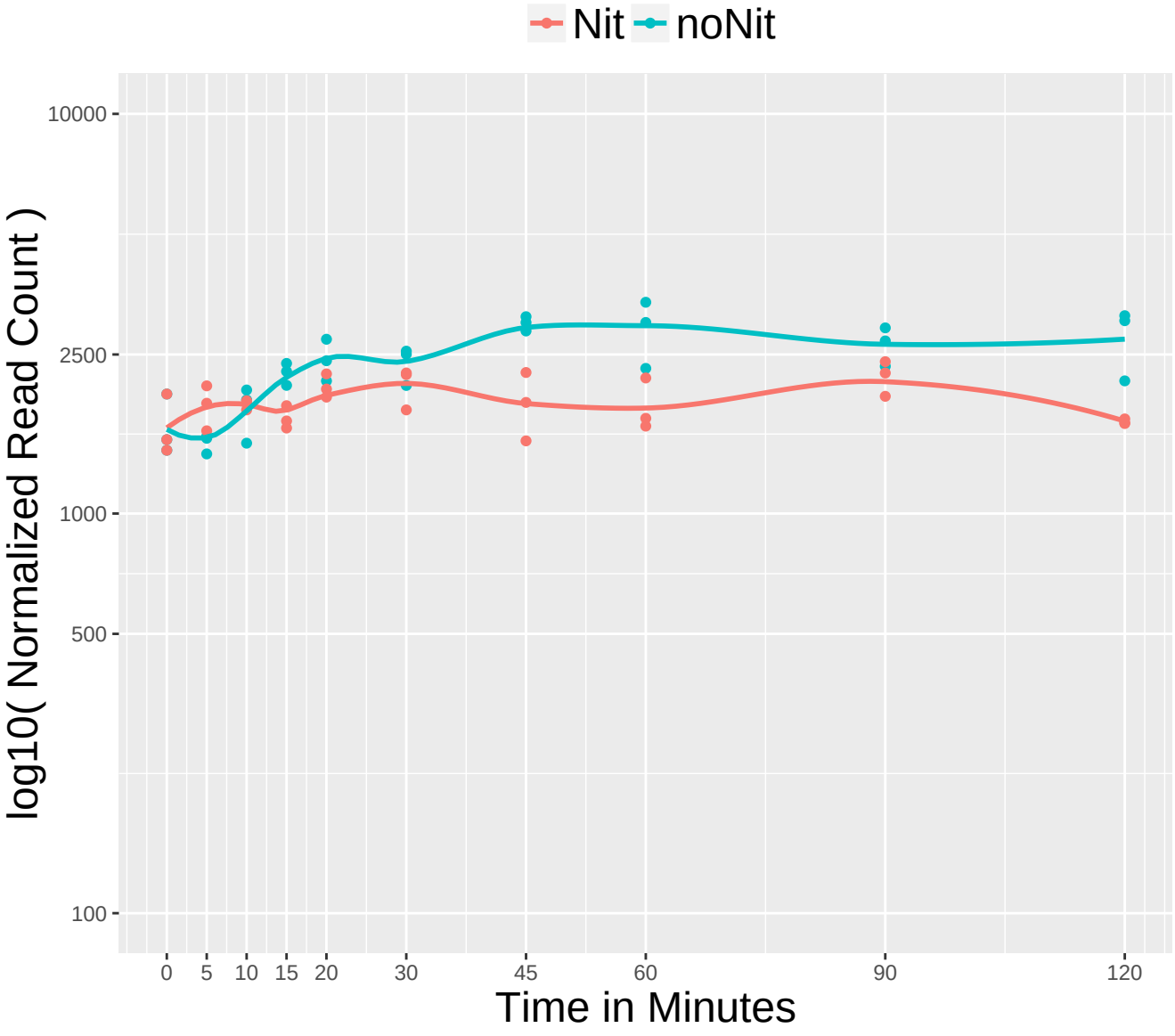
Pentatricopeptide



AT2G20010

Protein



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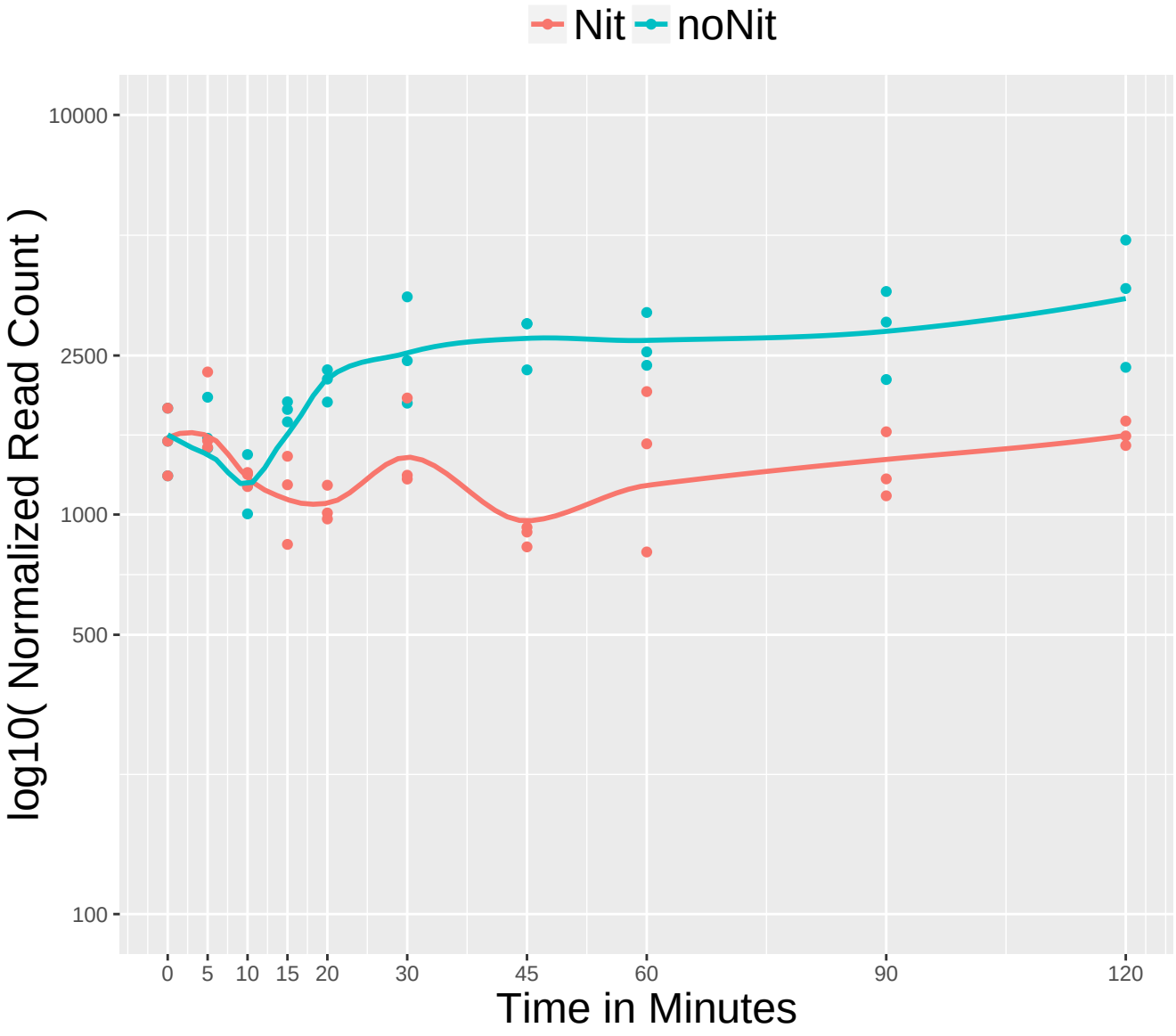
AR781



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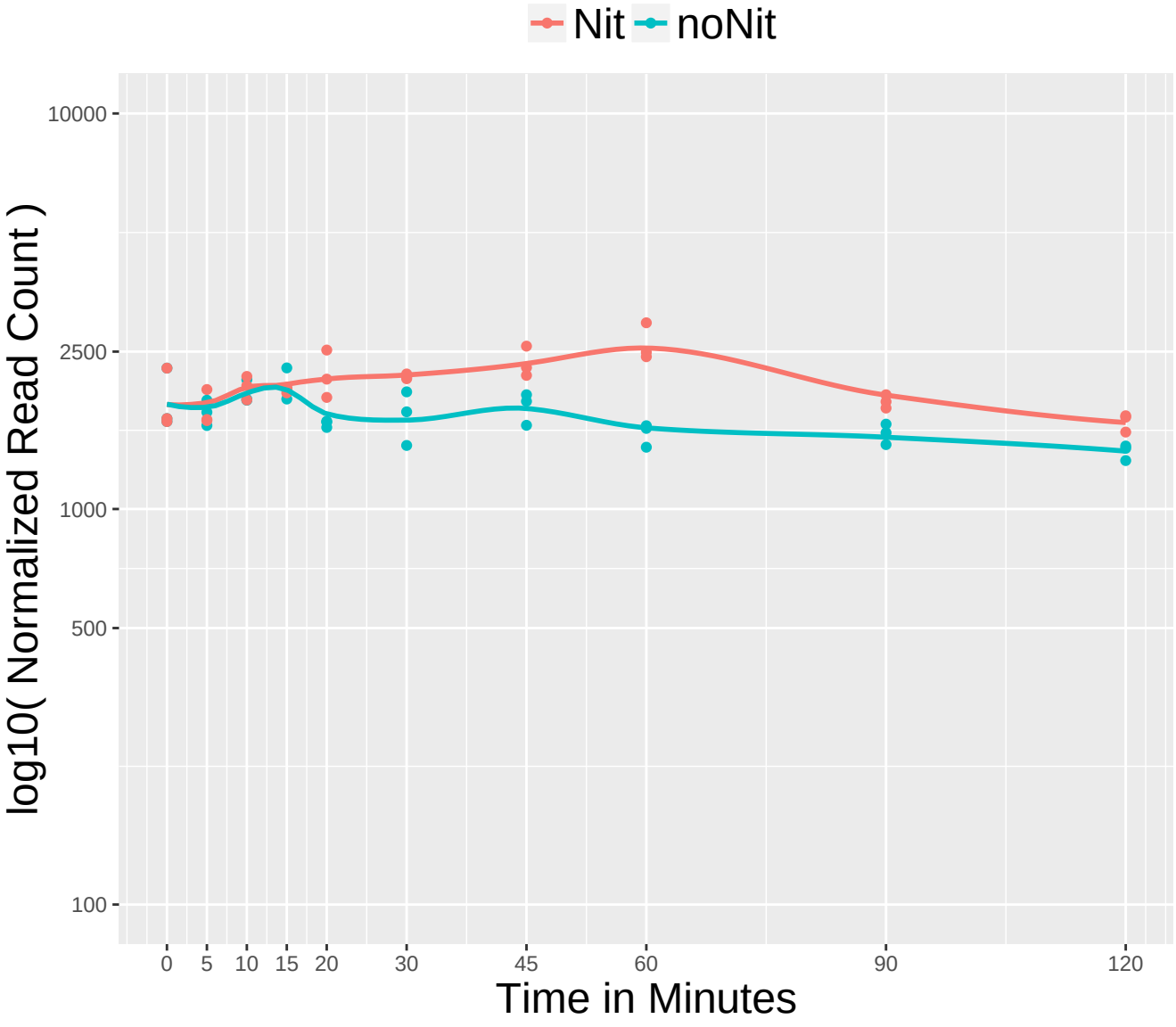
Integral



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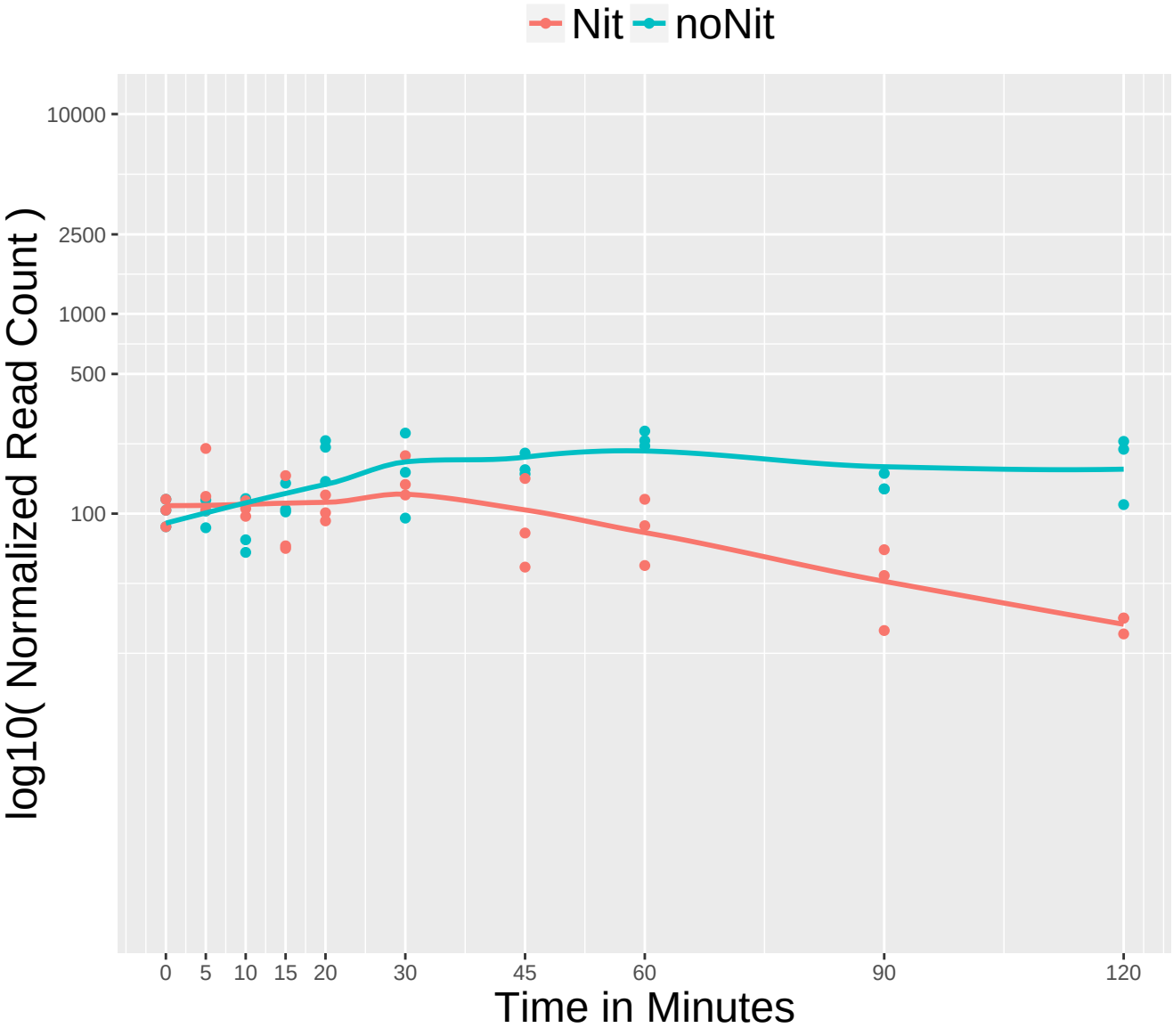

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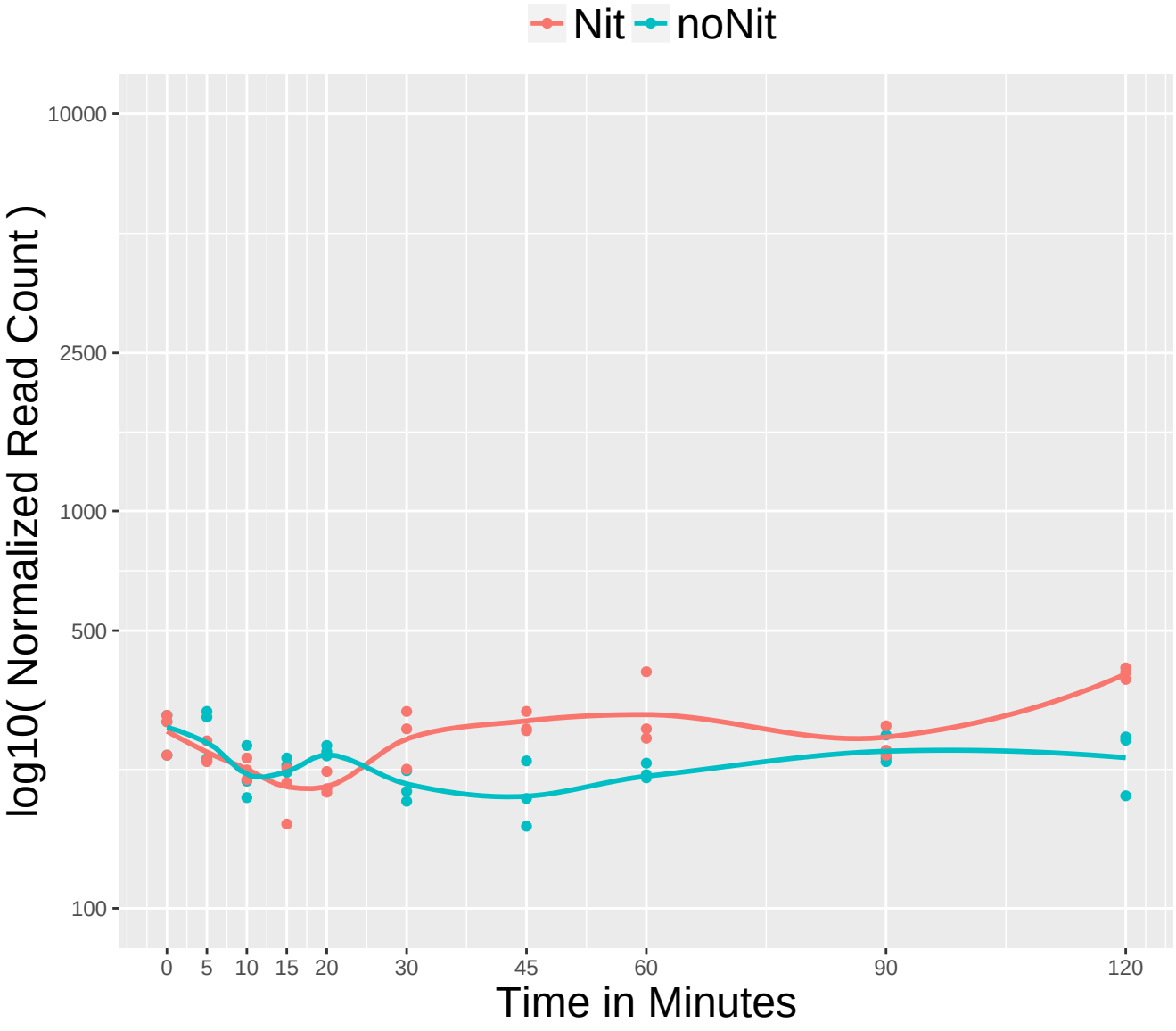
ATRAD51C,RAS



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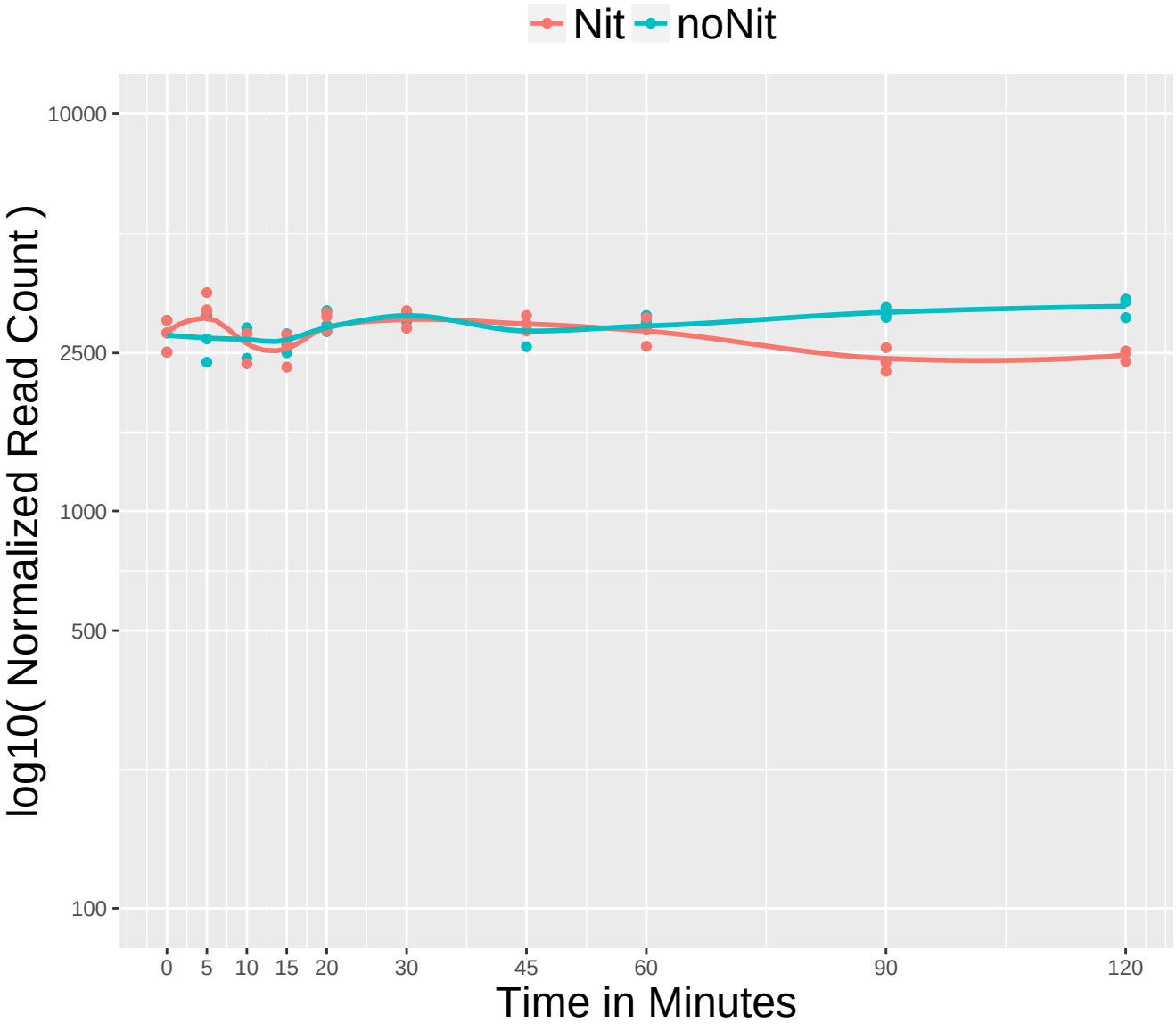
SCN1,SUPERCENTIPEDE1



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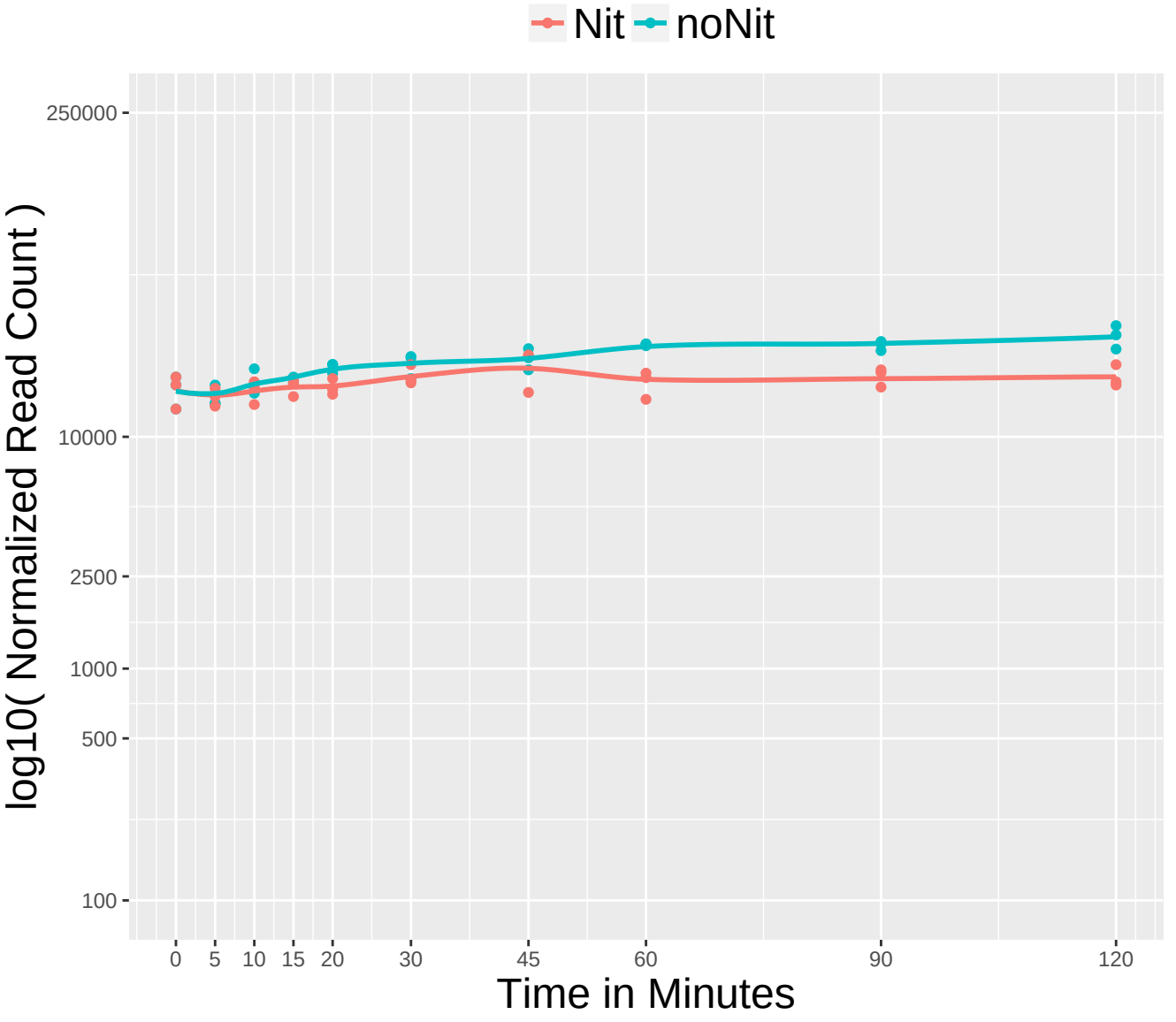
TUA6,Tubulin



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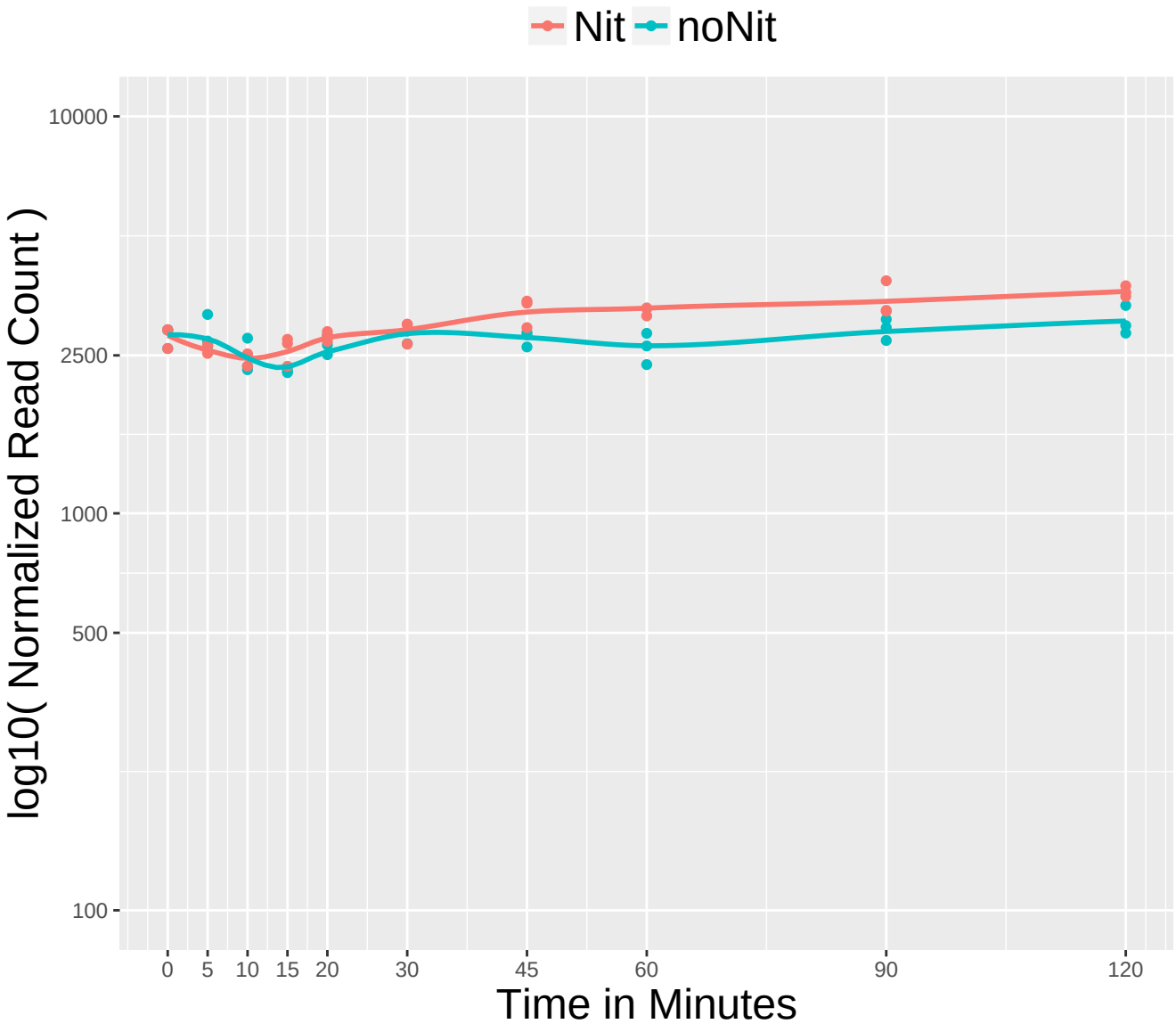
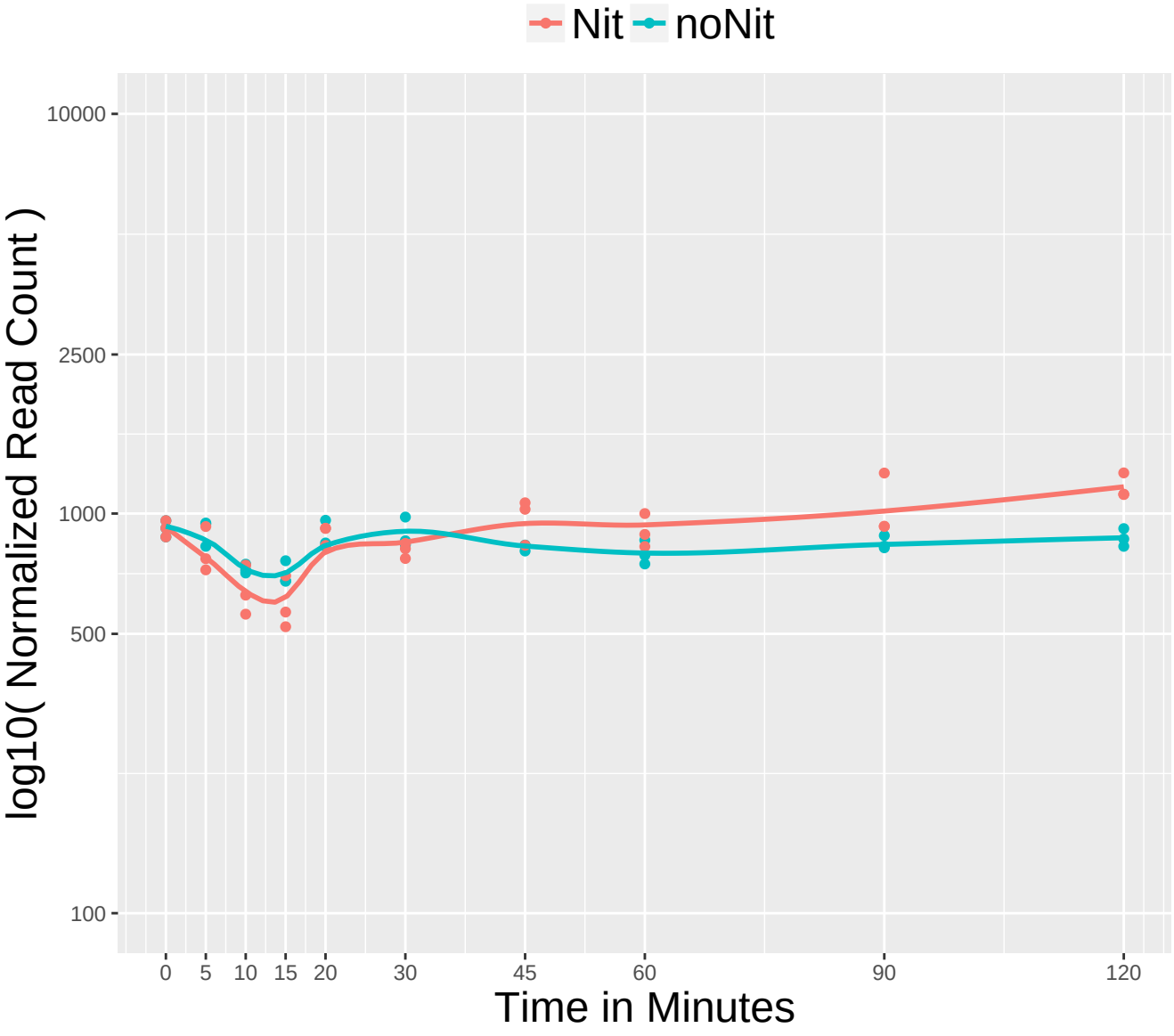
ECIP1,EIN2



AT5G17270

Protein



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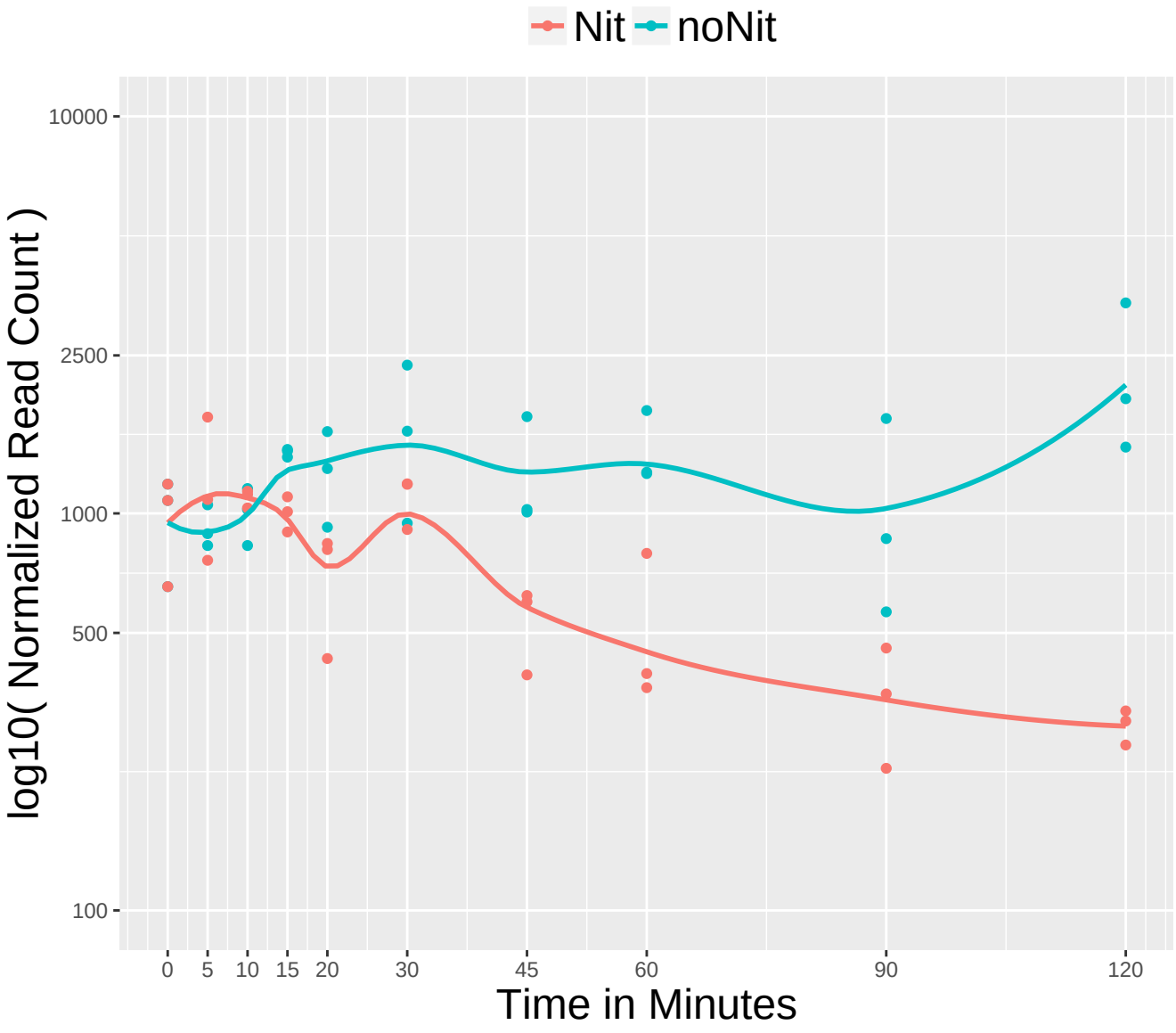
GLIP1,GDSL



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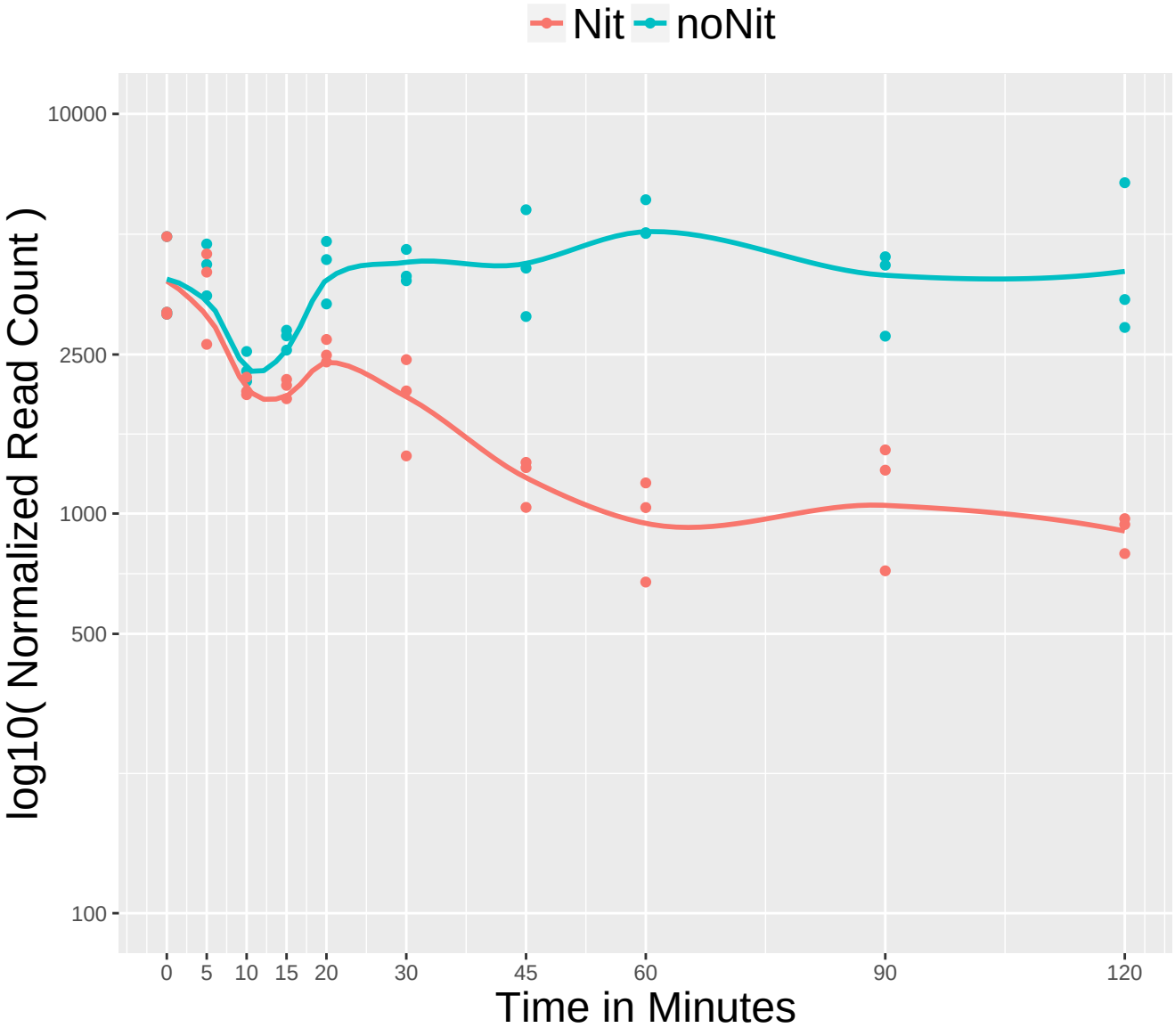
Disease



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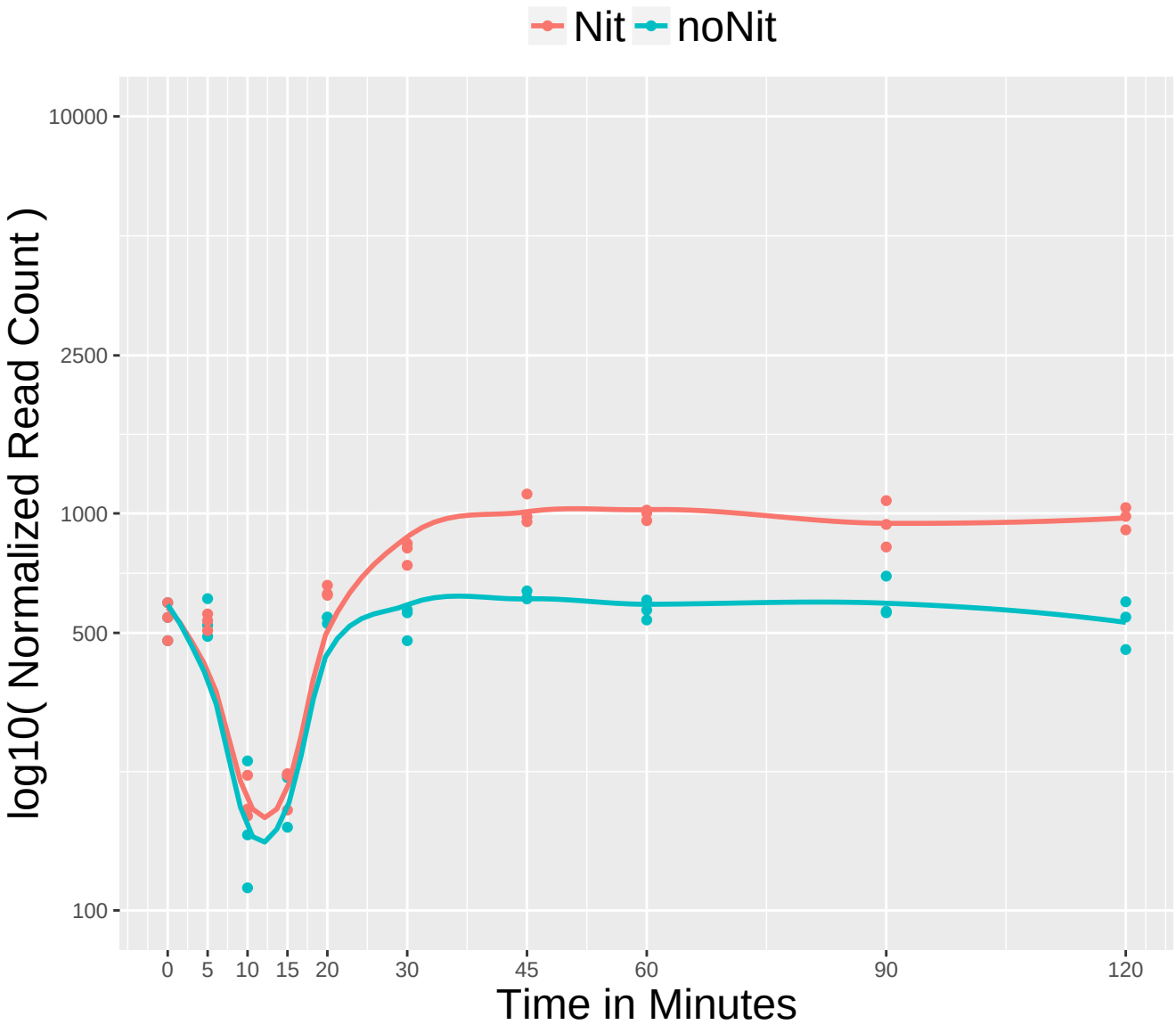
PPX−2,PROTEIN



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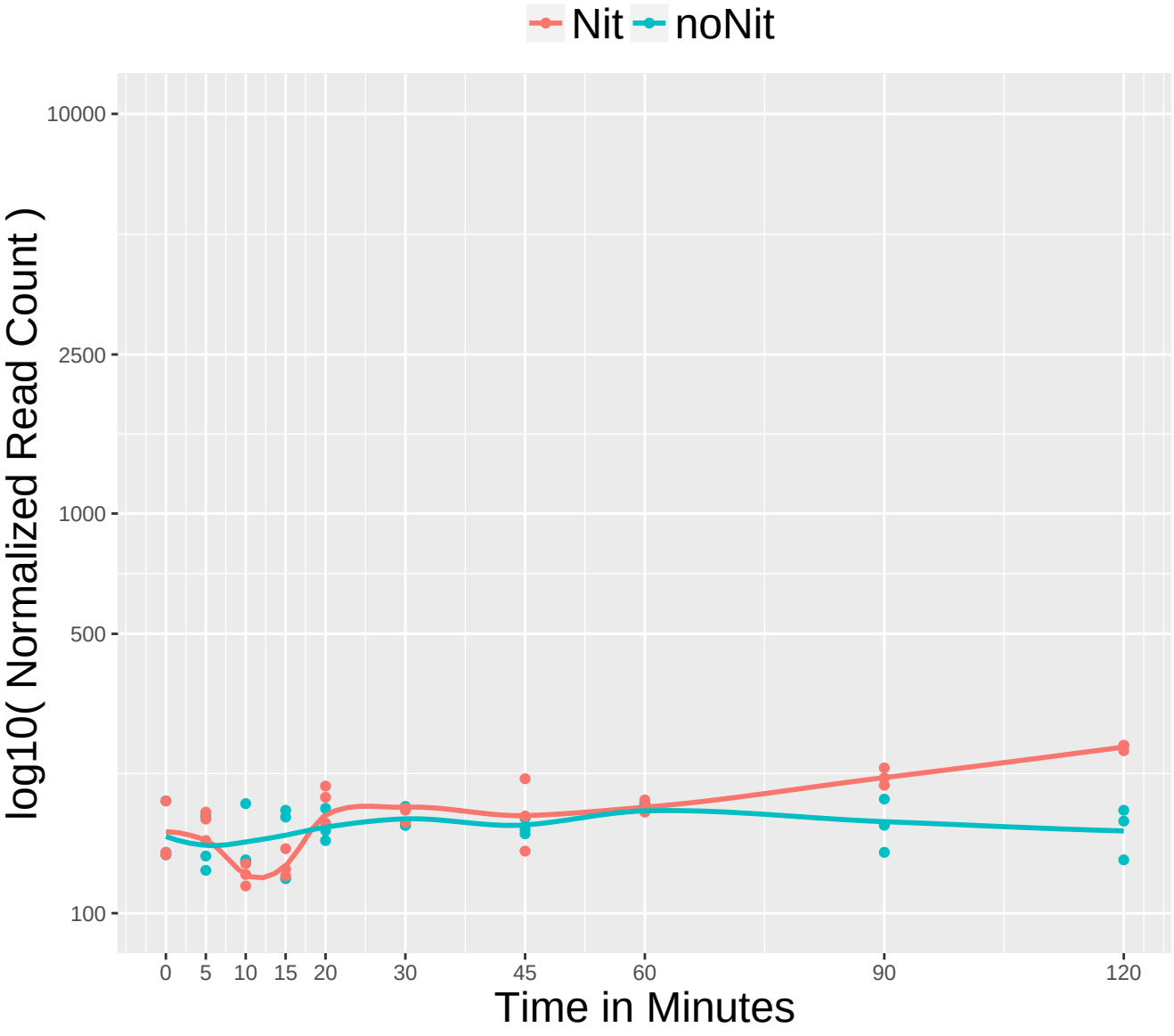
Mitochondrial



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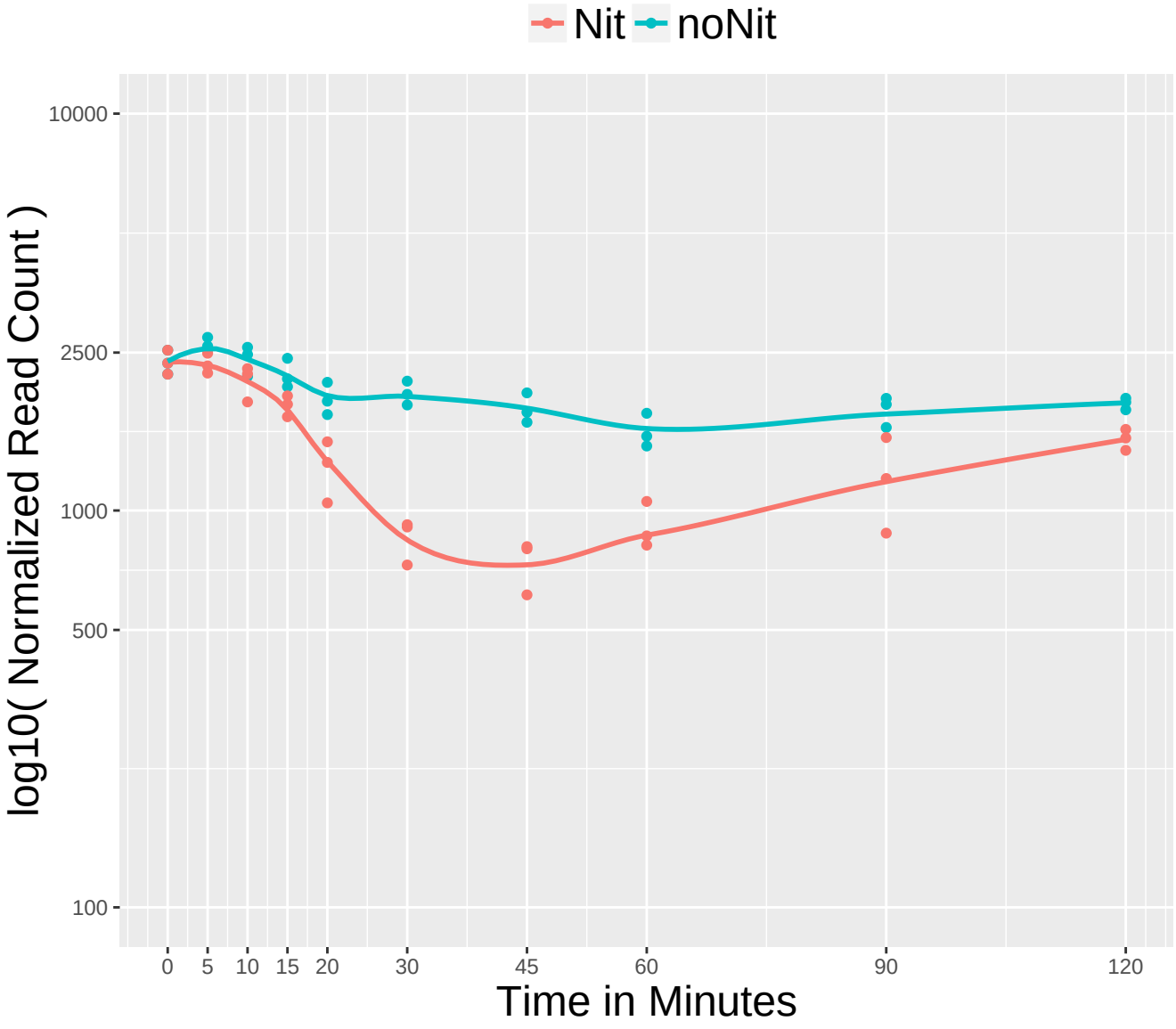
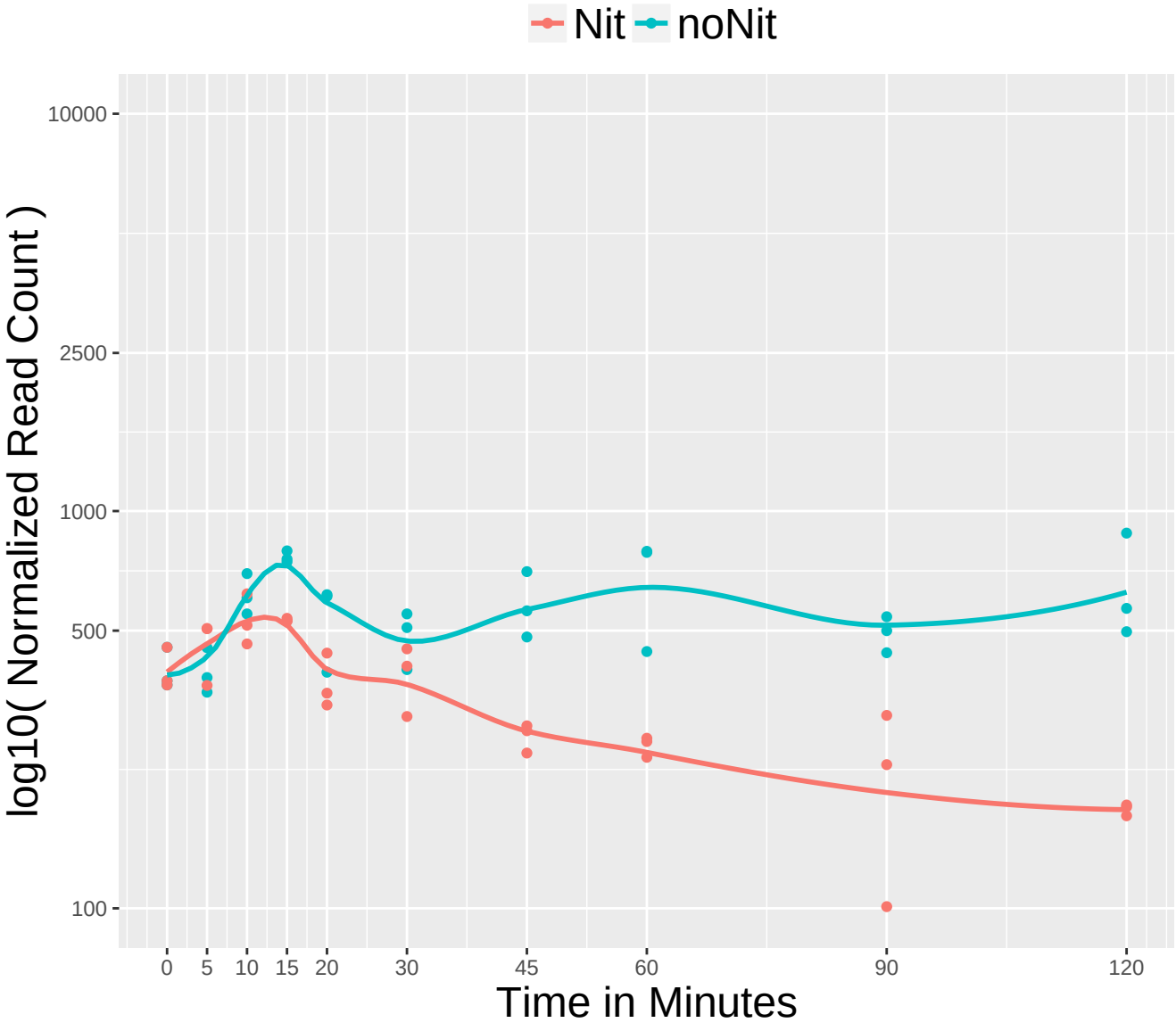
ATMYB68,MYB



AT1G02310

MAN1,endo−beta−mannanase



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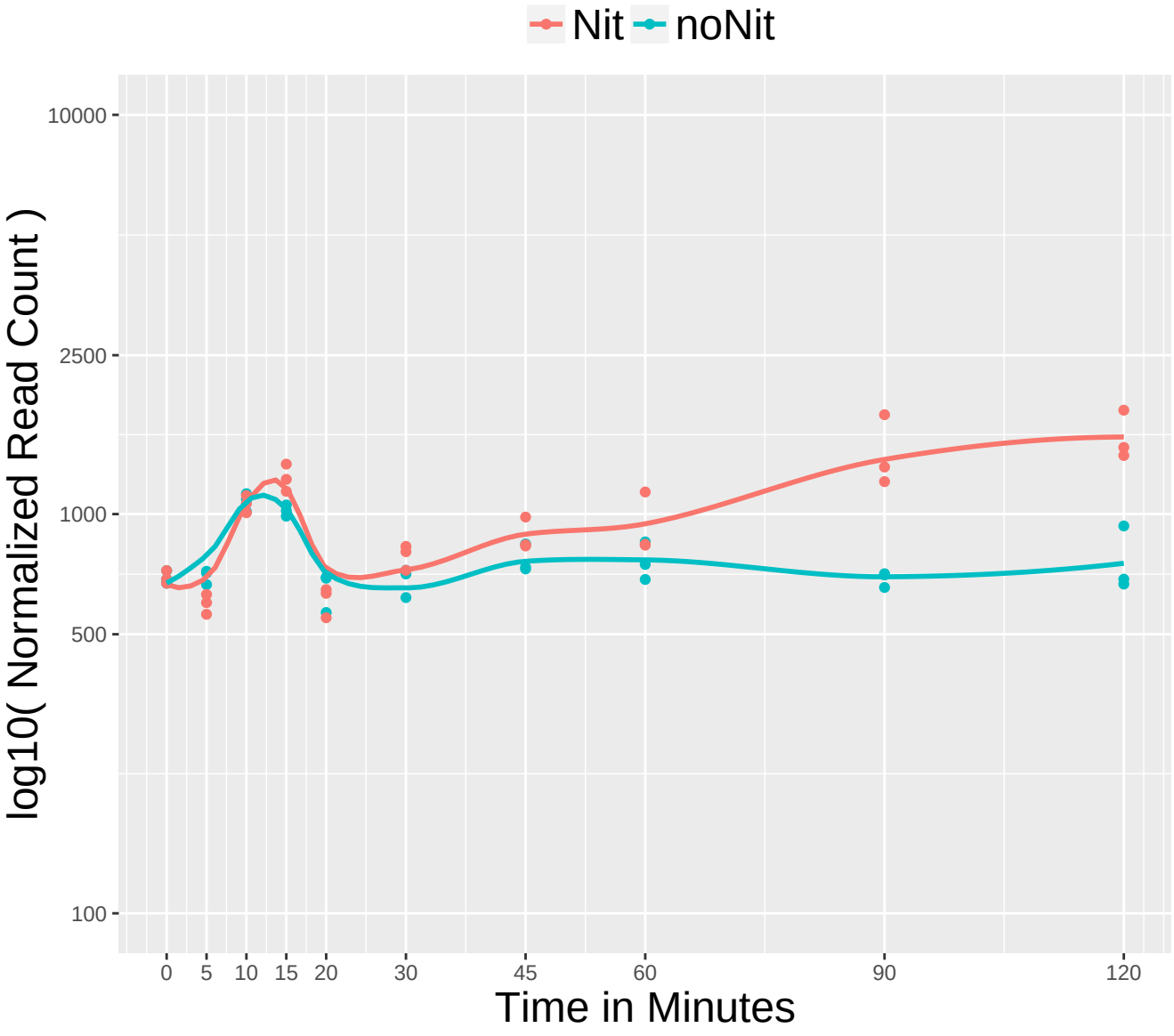

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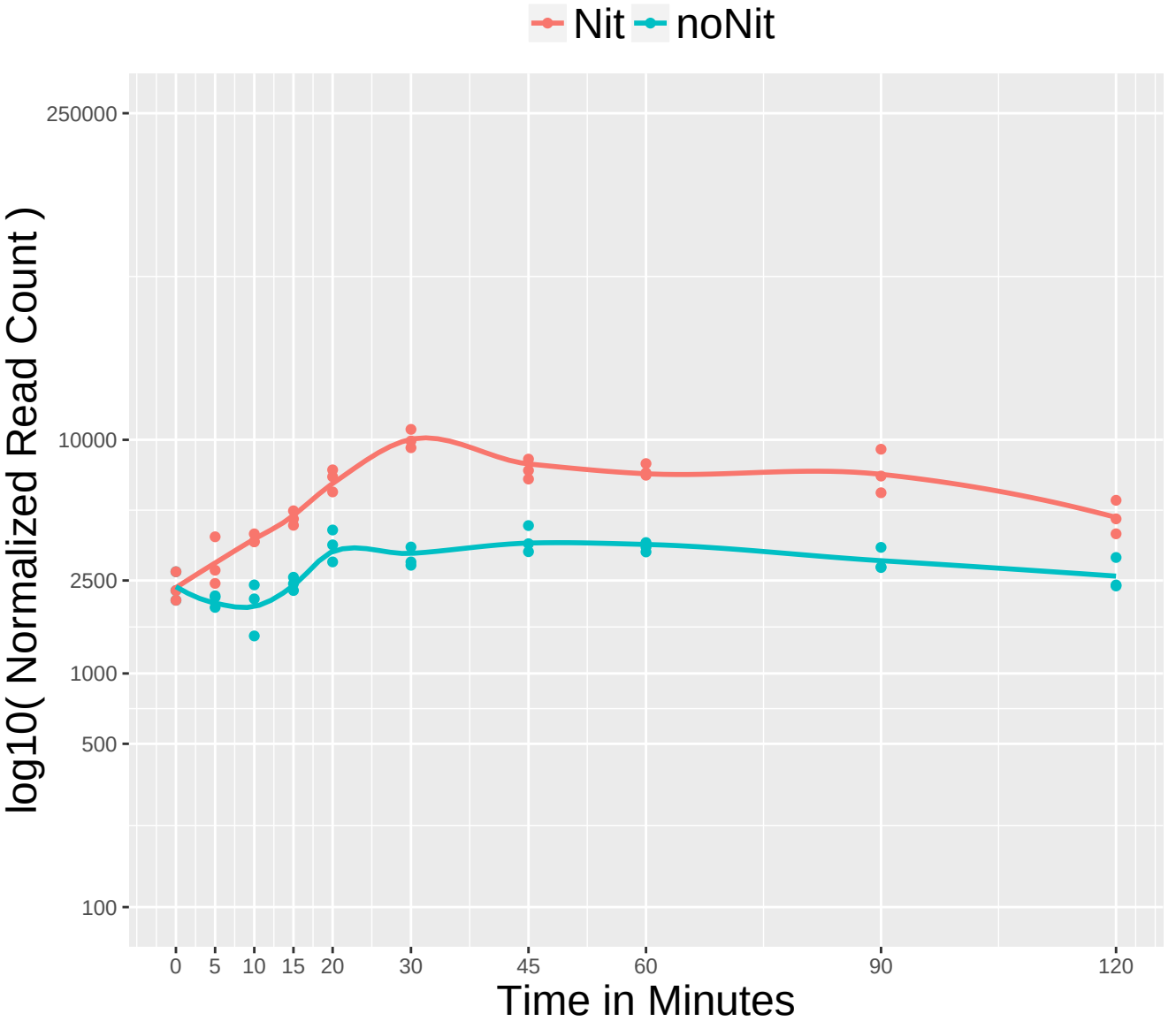
PLATZ



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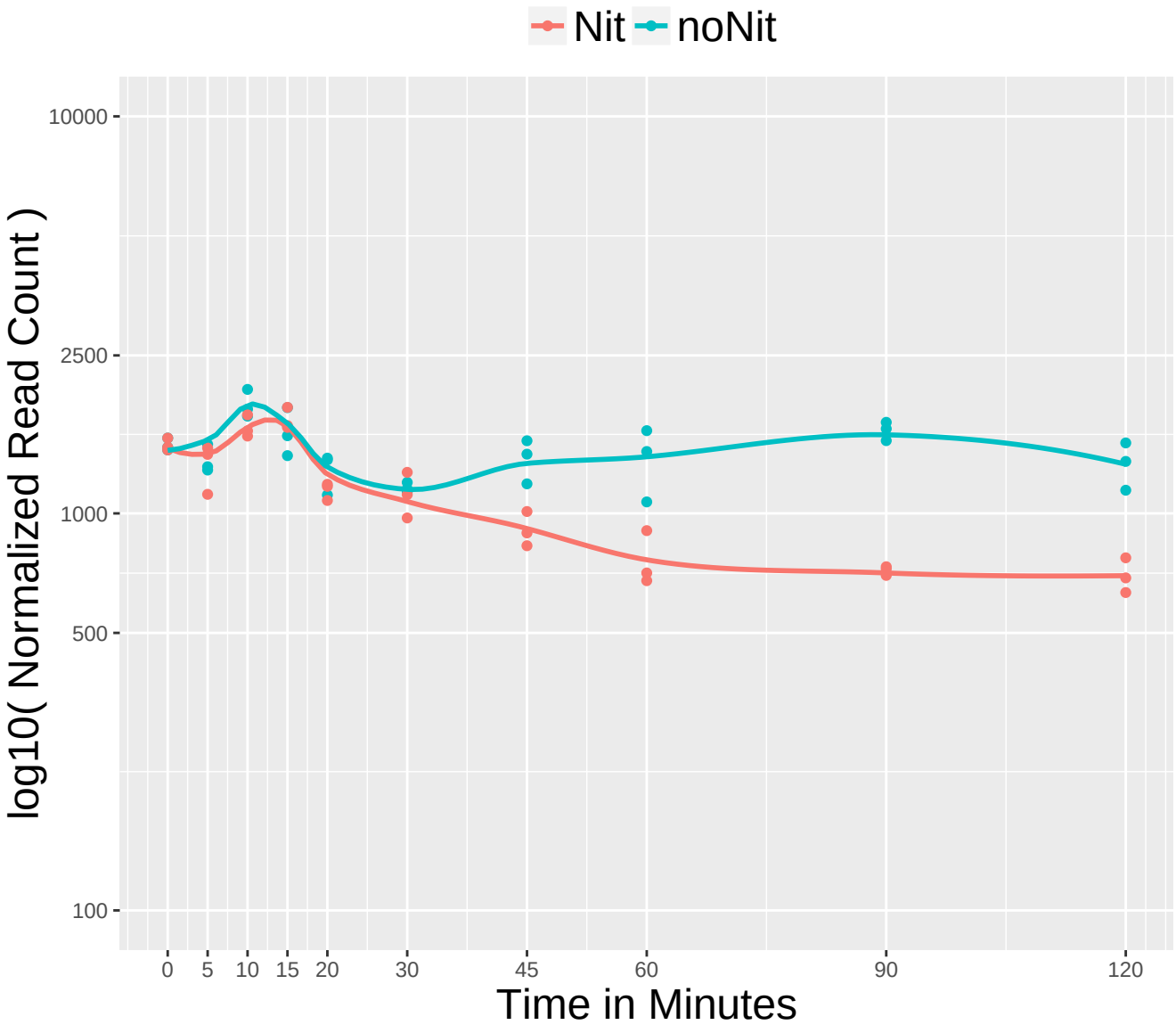
FBH3,FLOWERING



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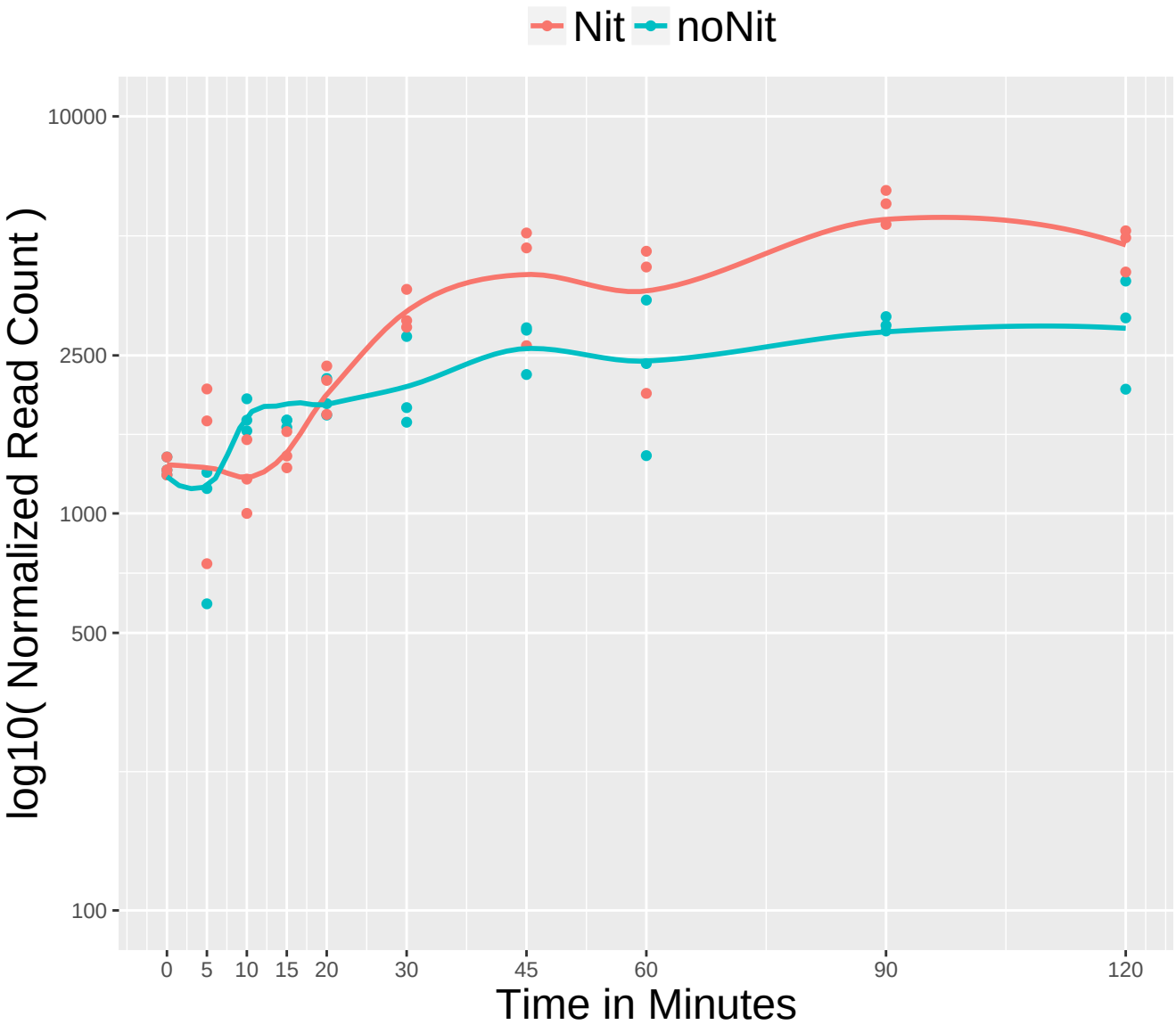
AtcwINV3,6−fructan



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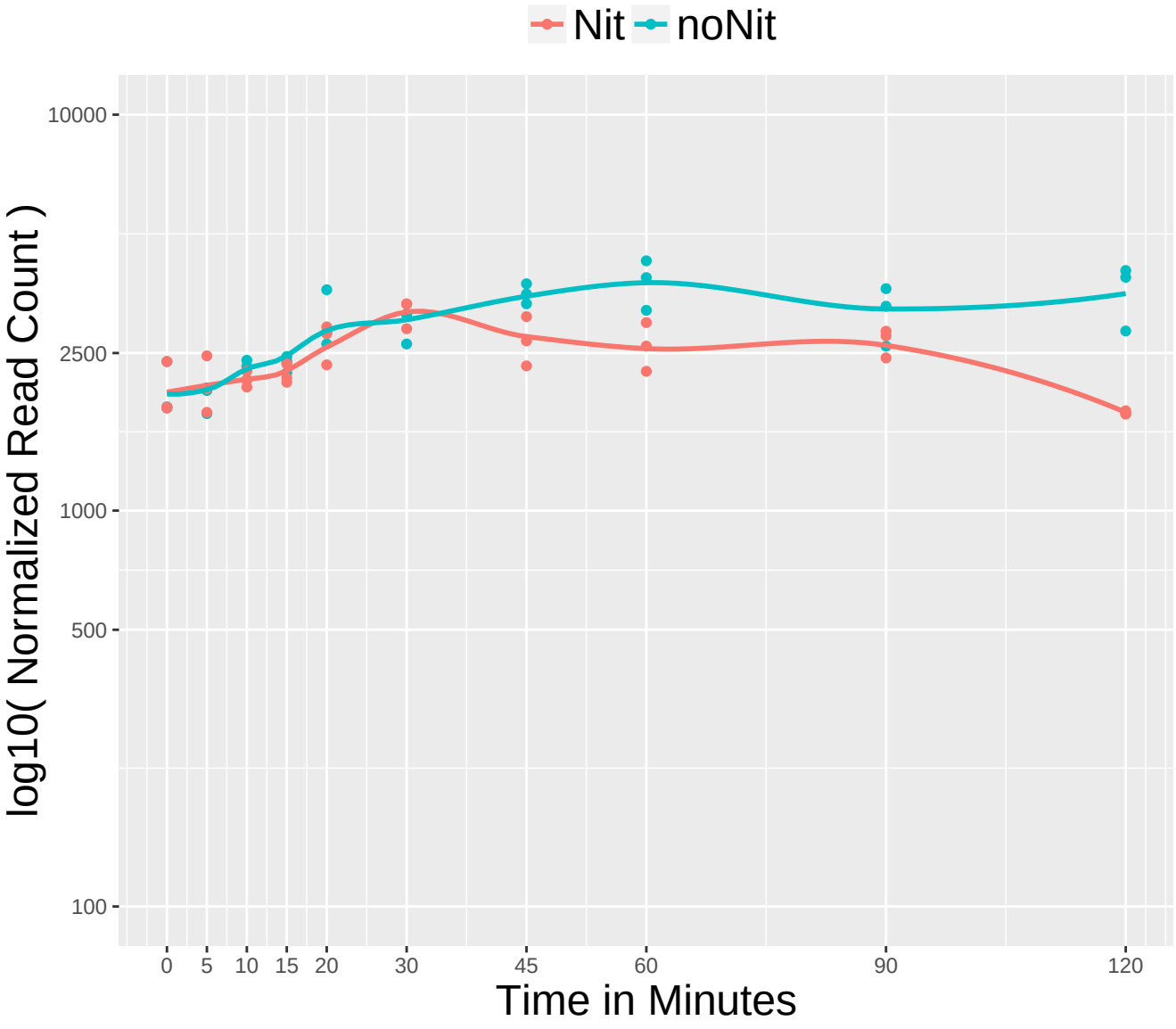
ALA3,aminophospholipid



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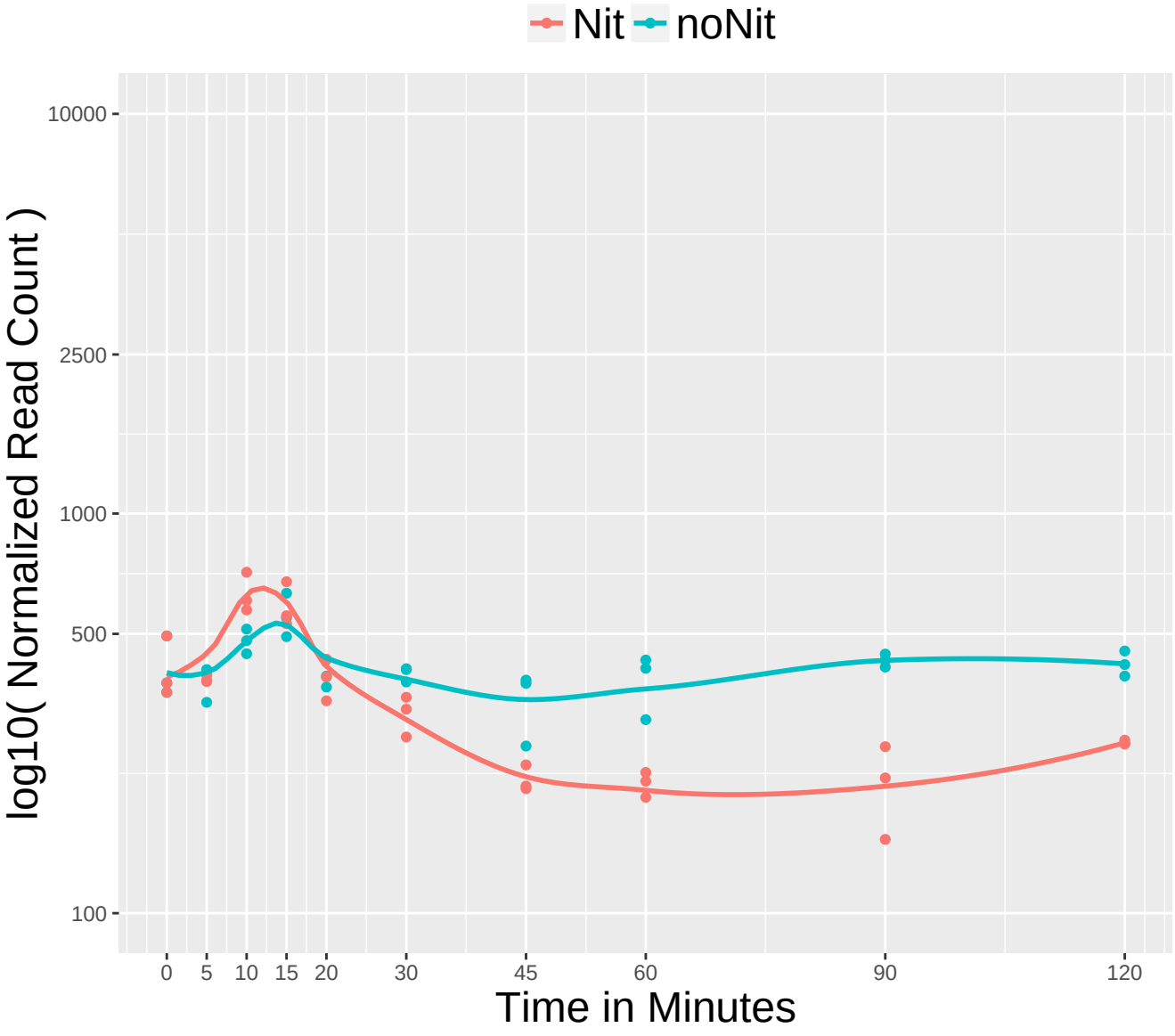
Protein



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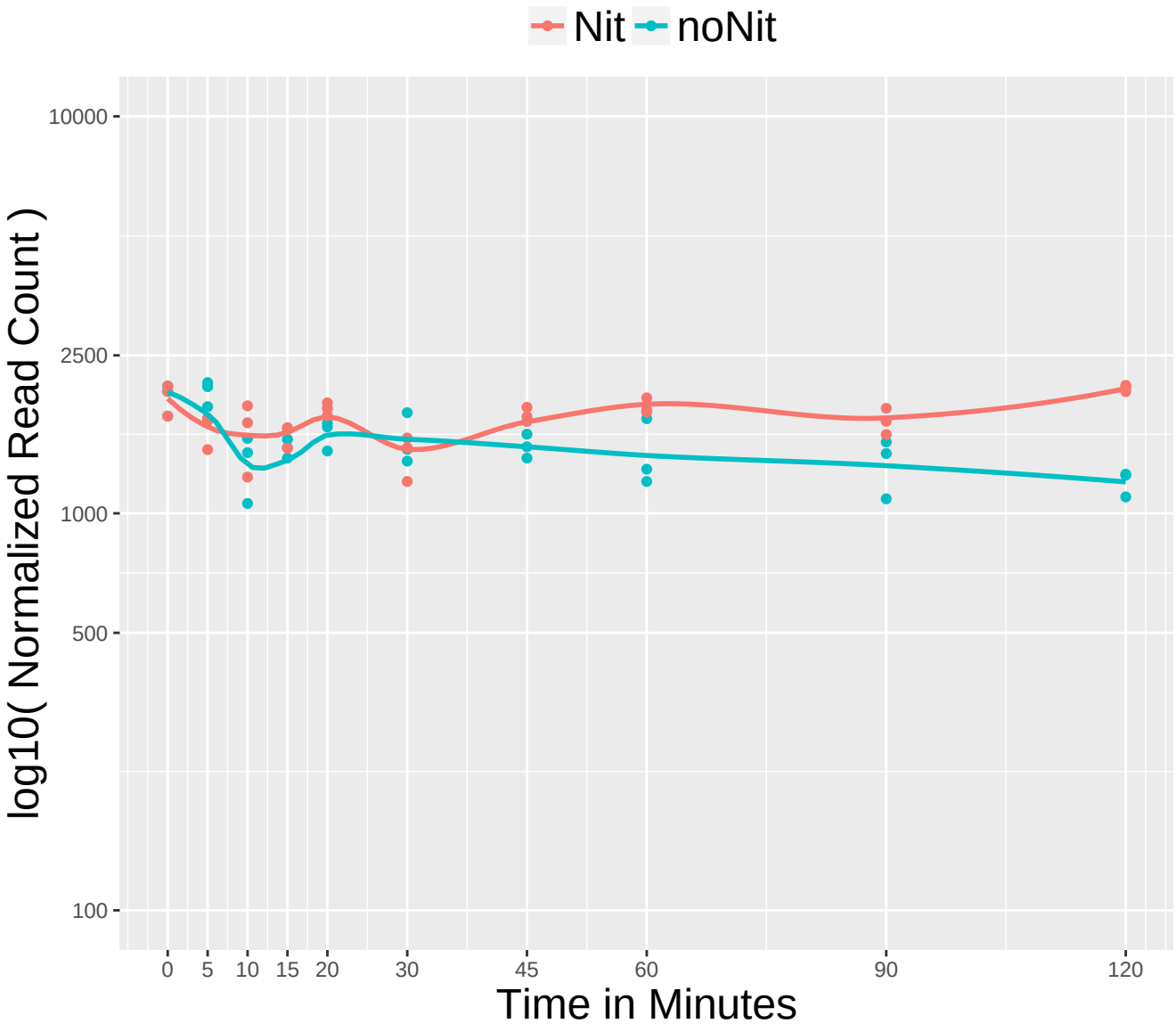
MGP3,male



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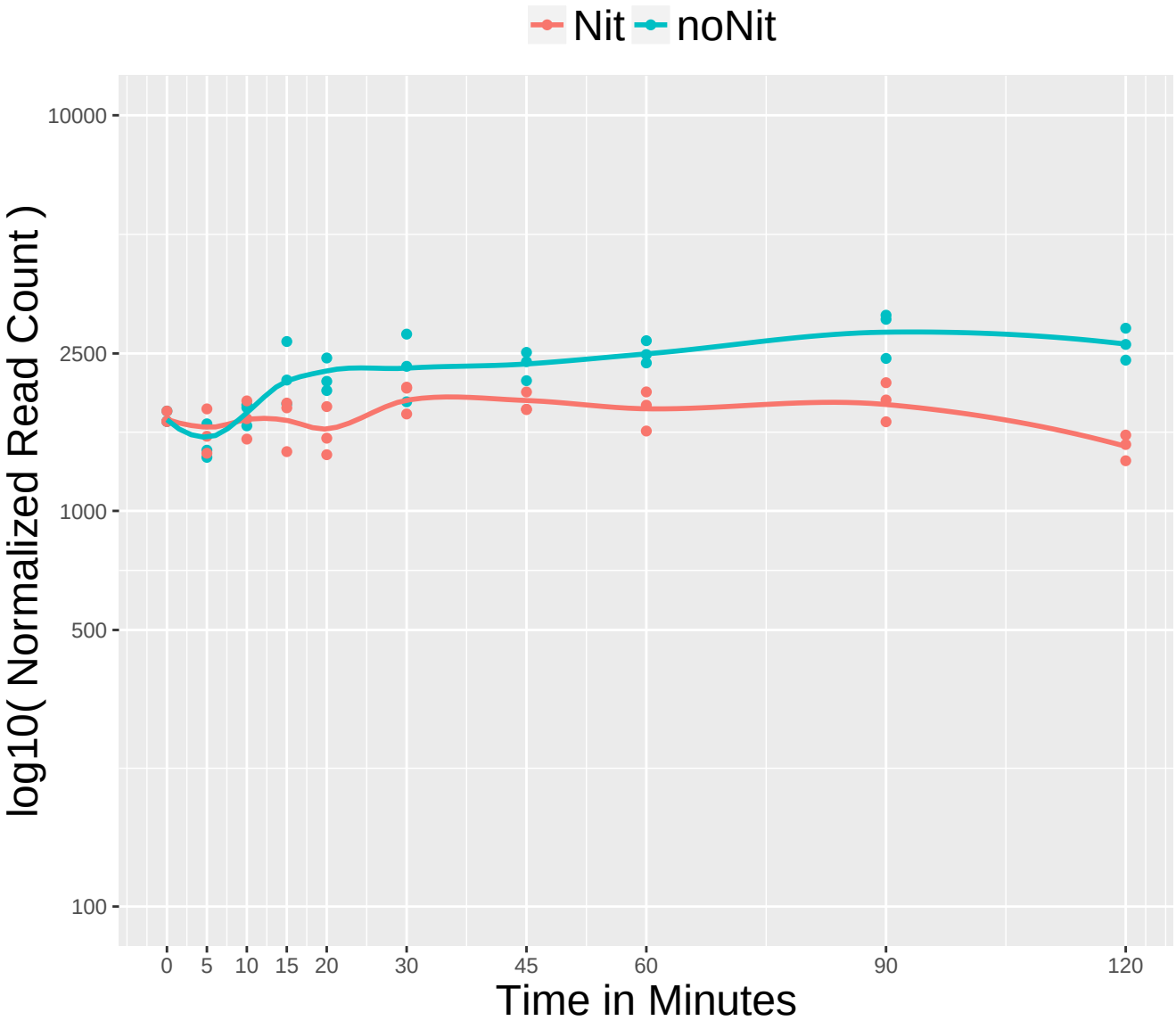
LACS9,long



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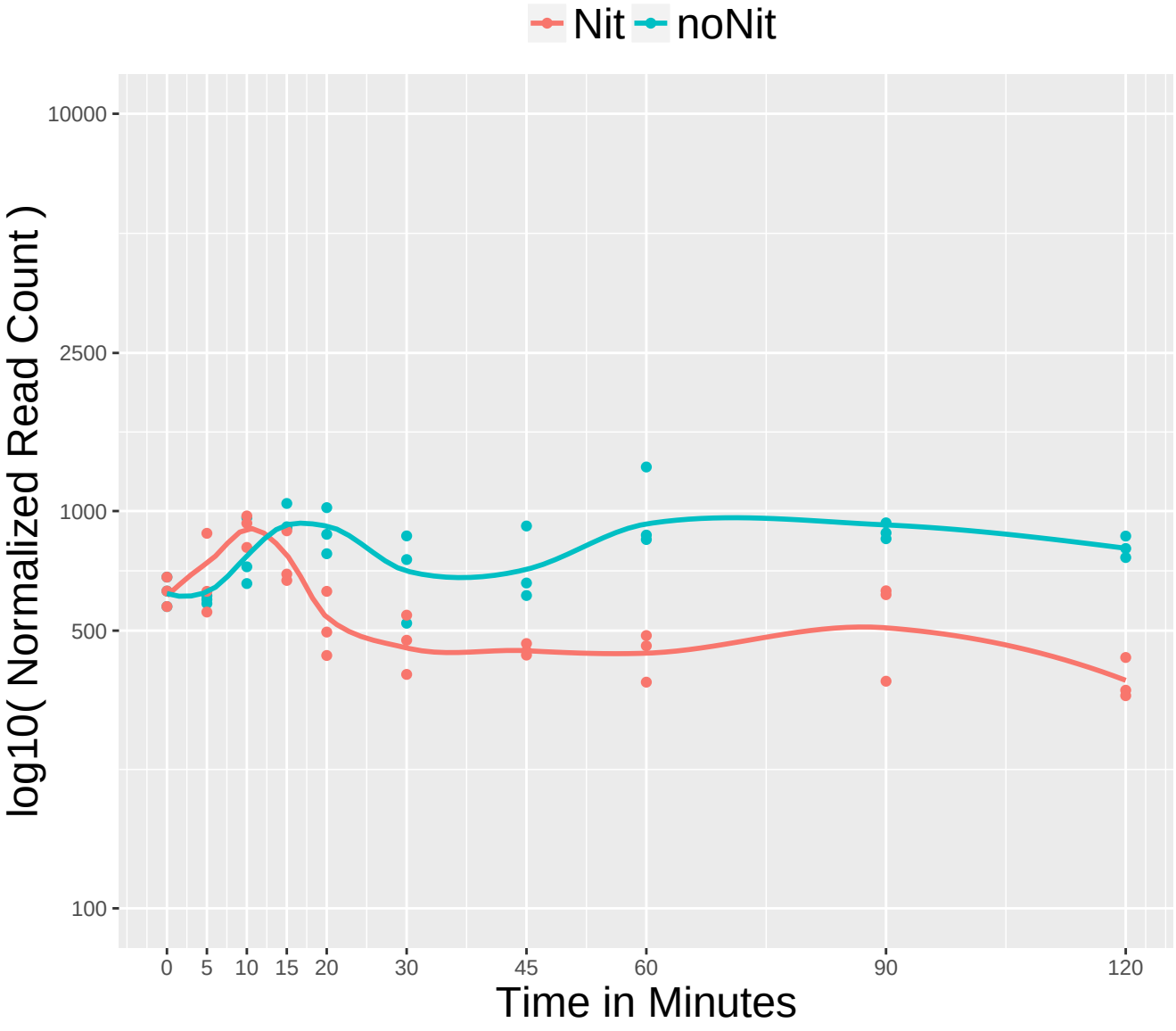
ATWRKY60,,WRKY60,WRKY



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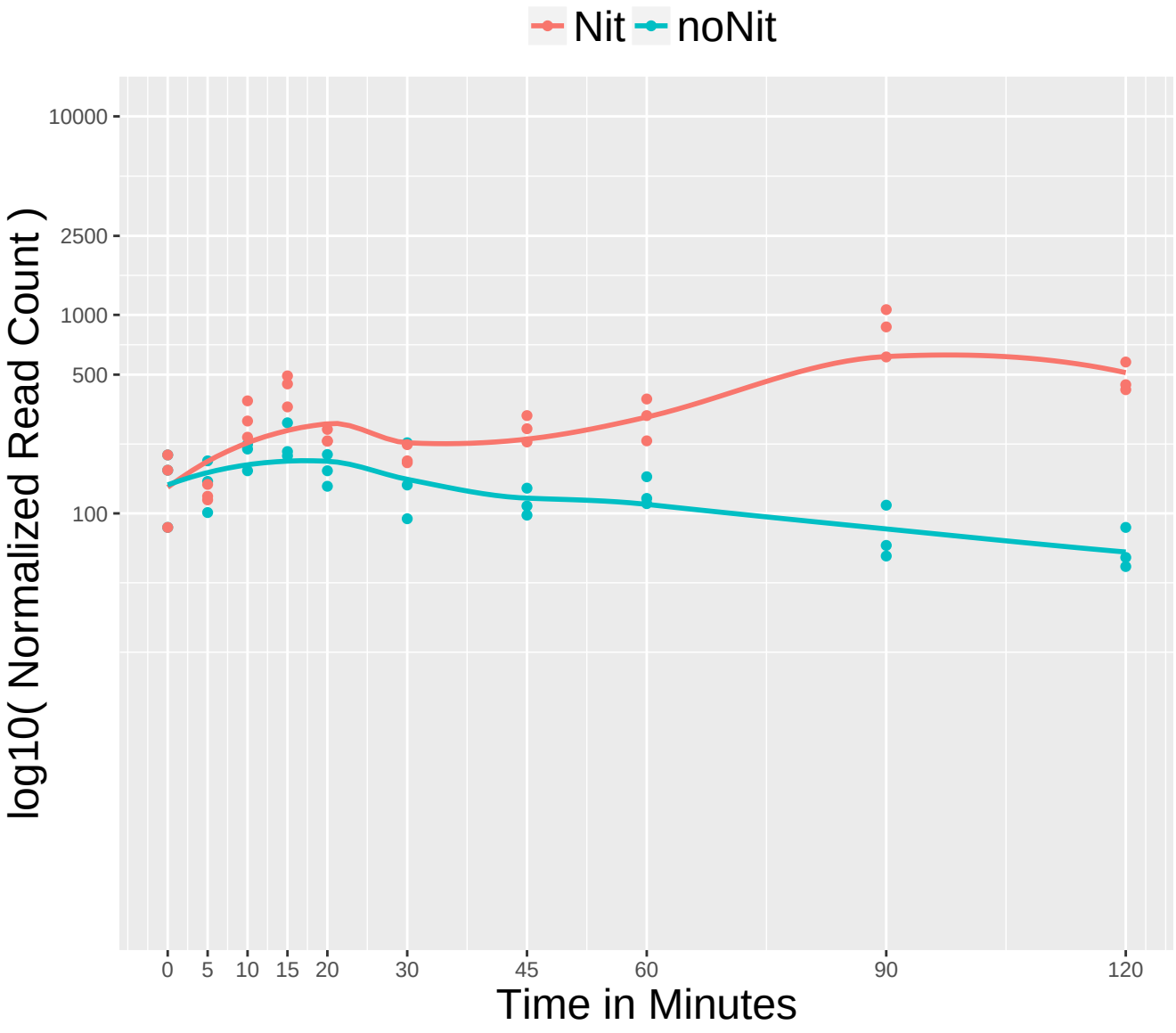
ATWL2,WPL4−LIKE



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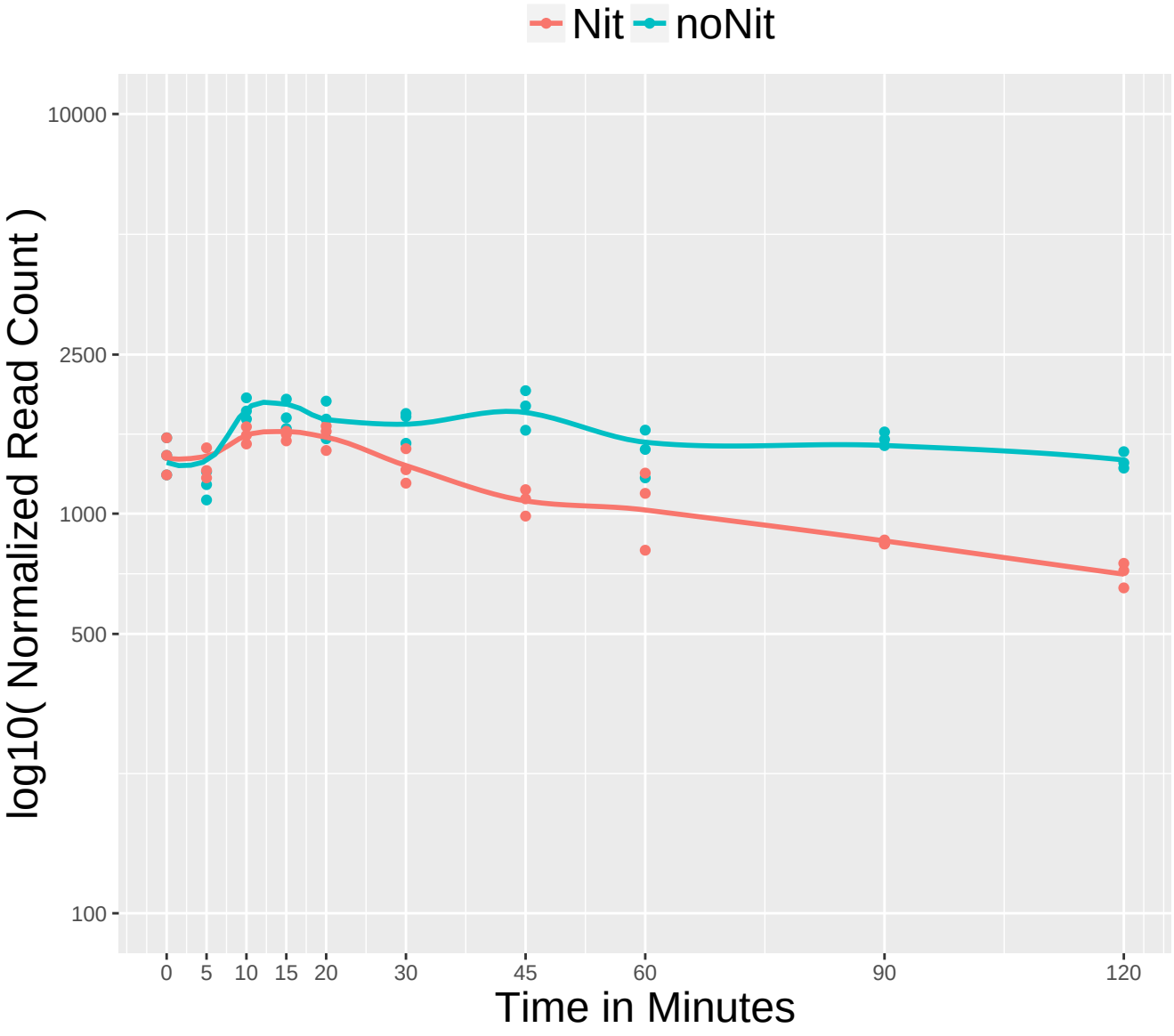
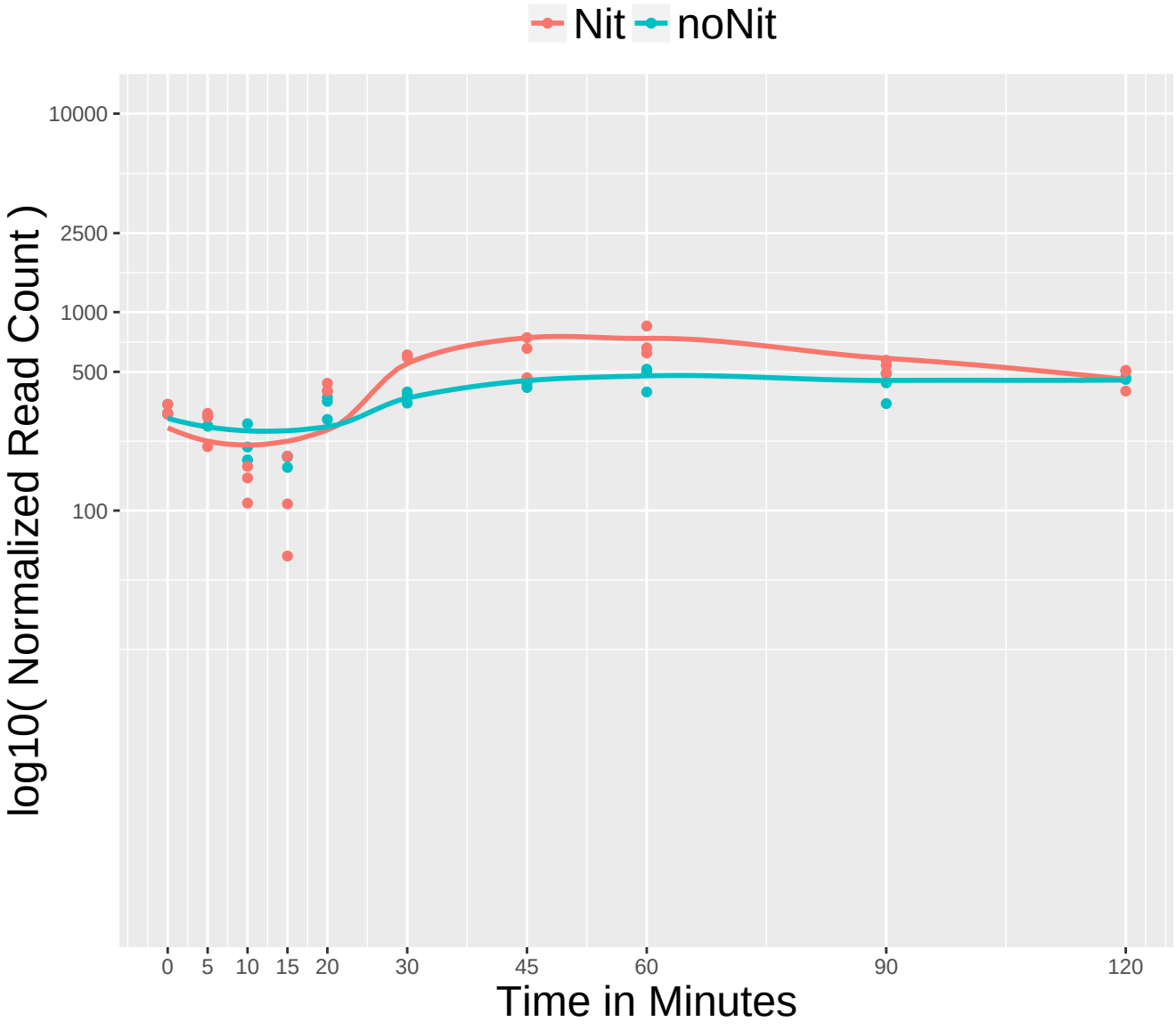


AT3G19830

NTMC2T5.2,,NTMC2TYPE5.2



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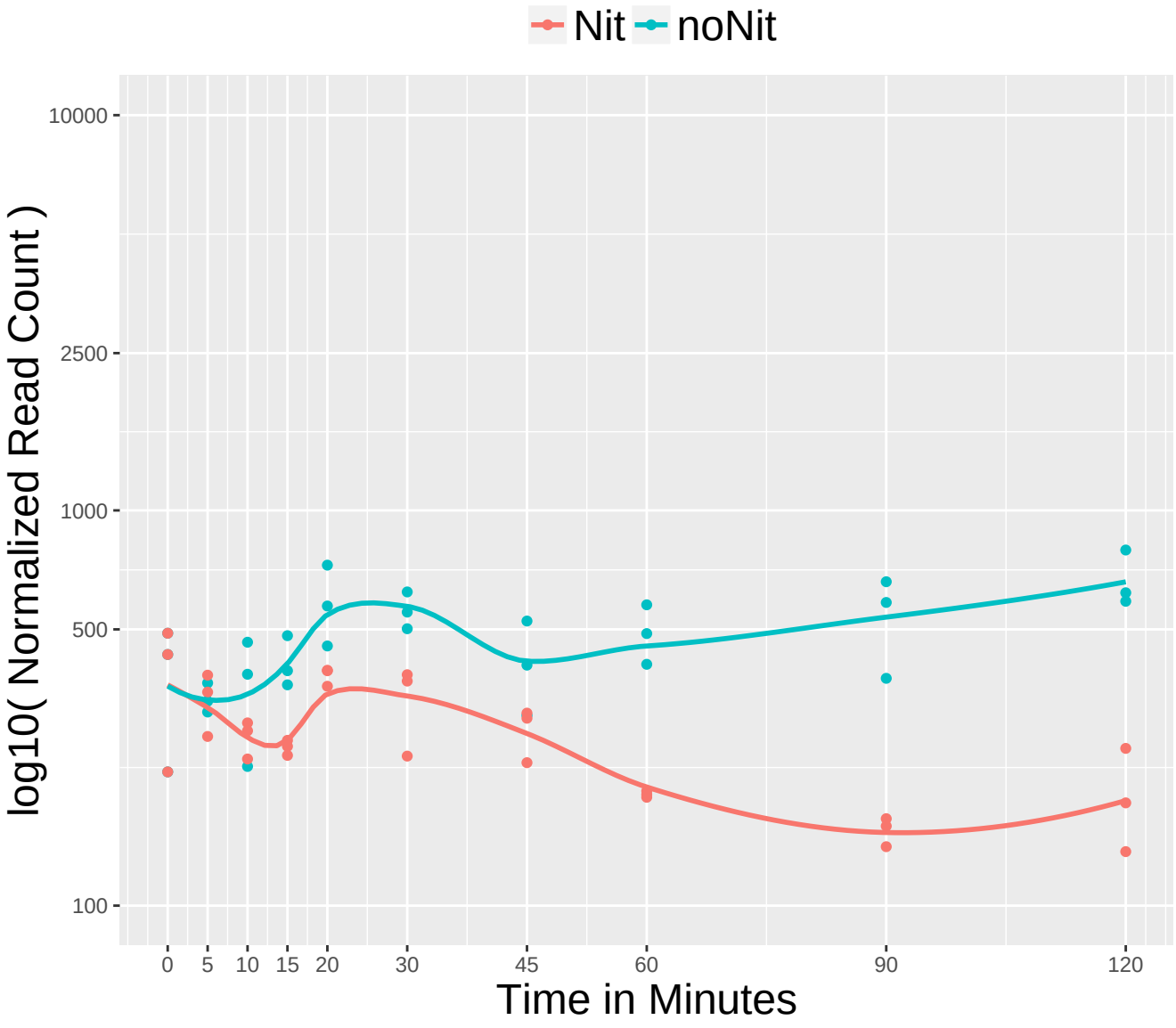
XTH16,xyloglucan



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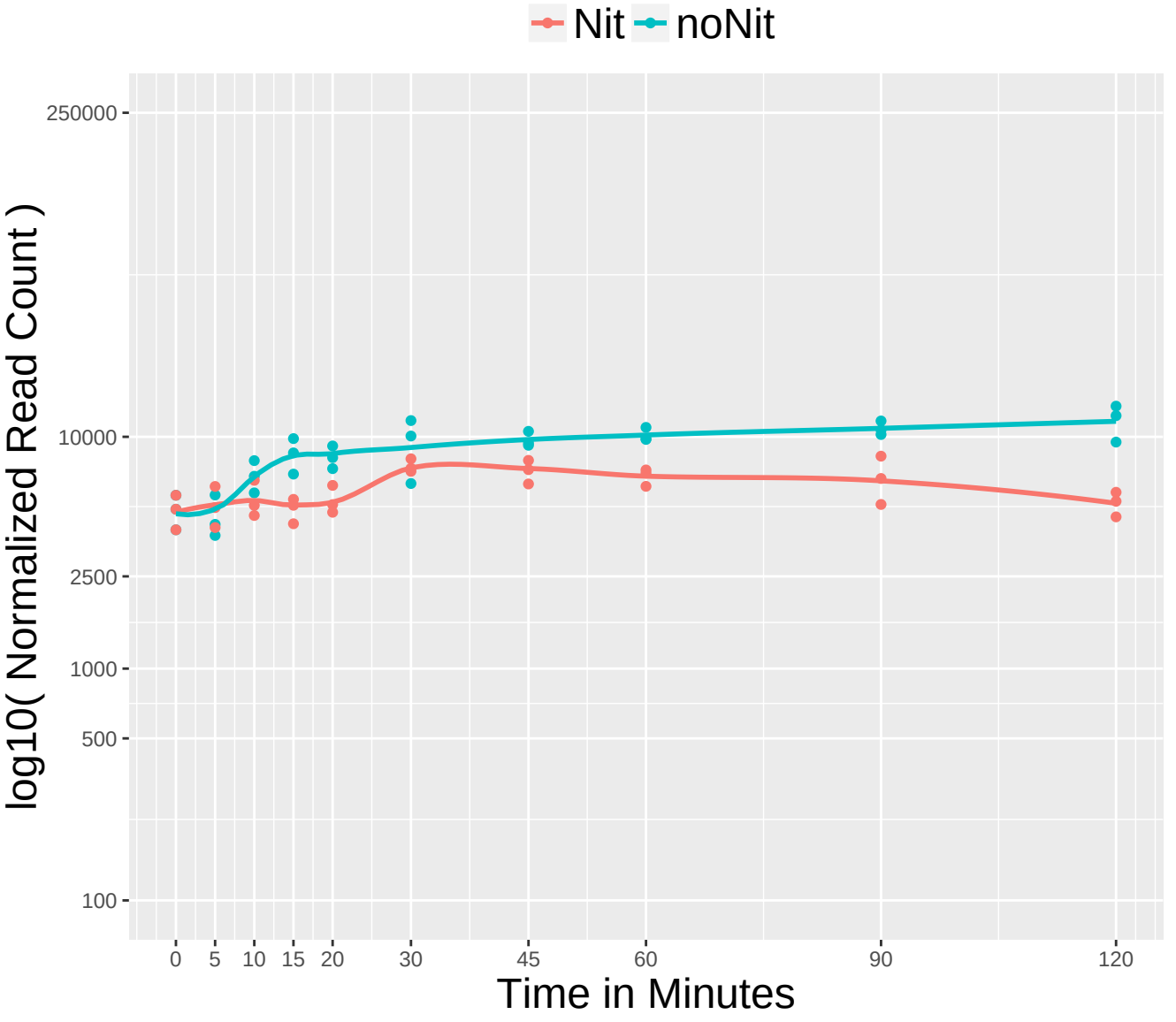
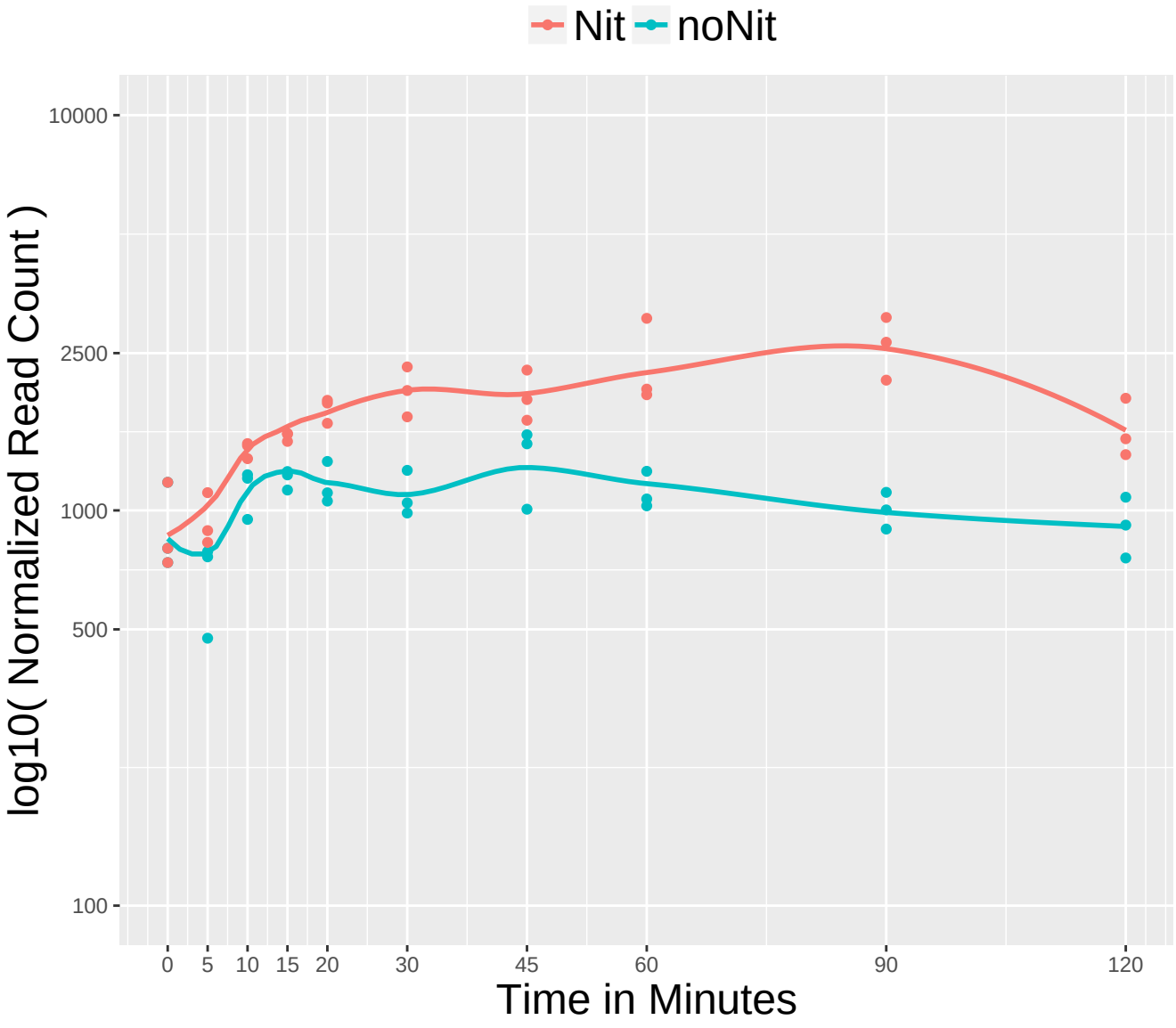
ATSAHH2,S−ADENOSYL−L−HOMOCYSTEINE



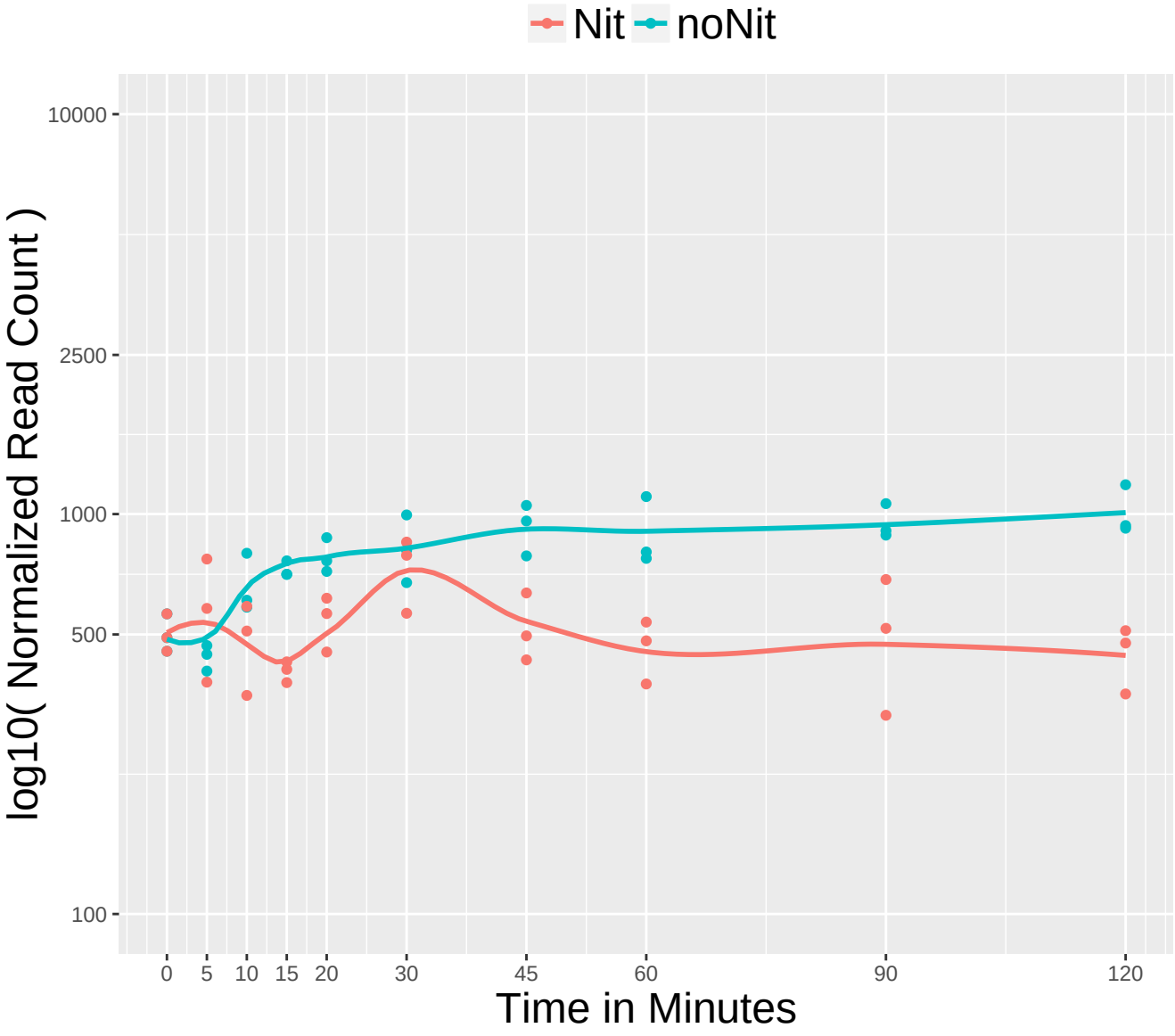
AT4G17550

AtG3Pp4,glycerol−3−phosphate



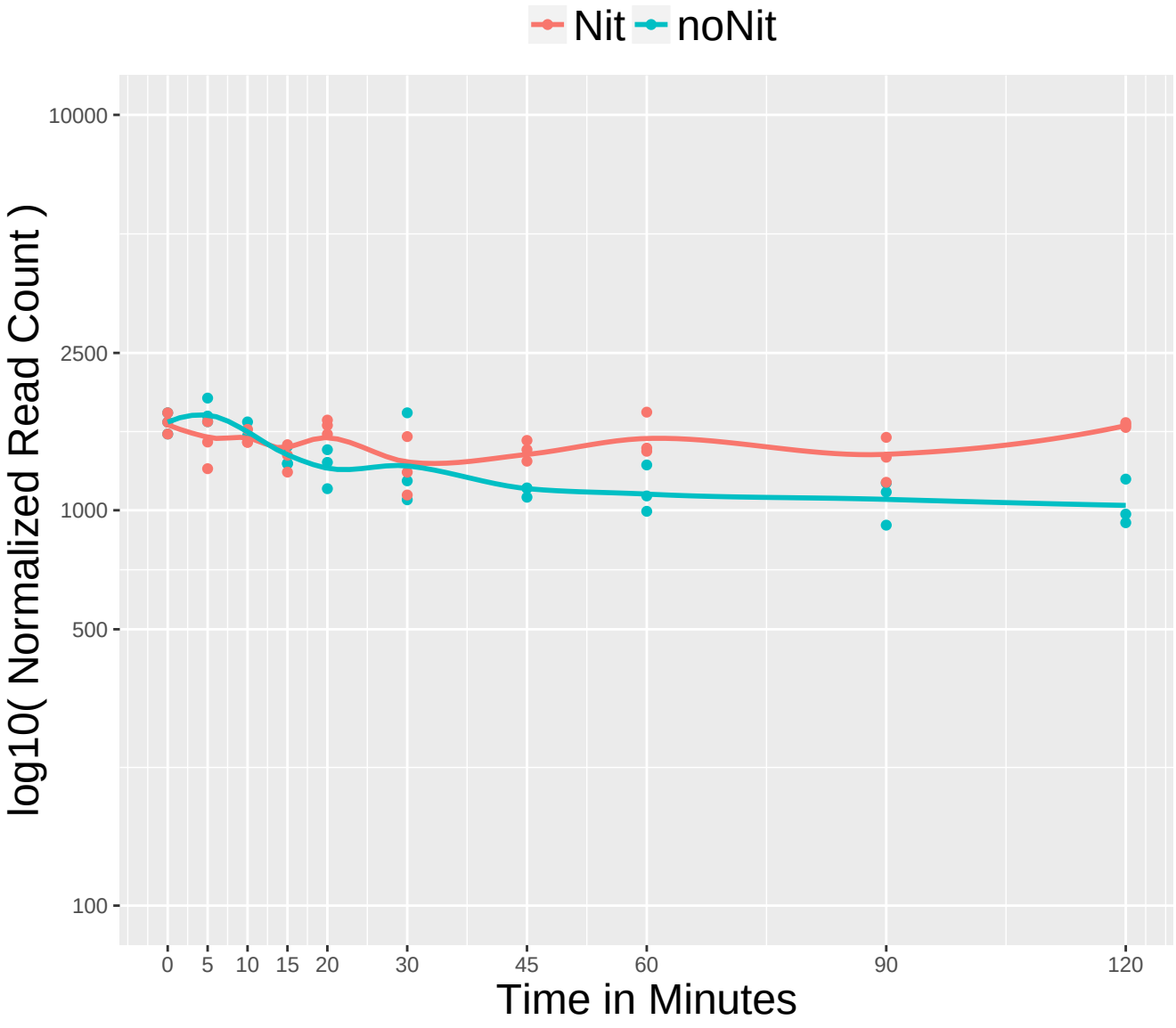
AT4G22110

GroES−like



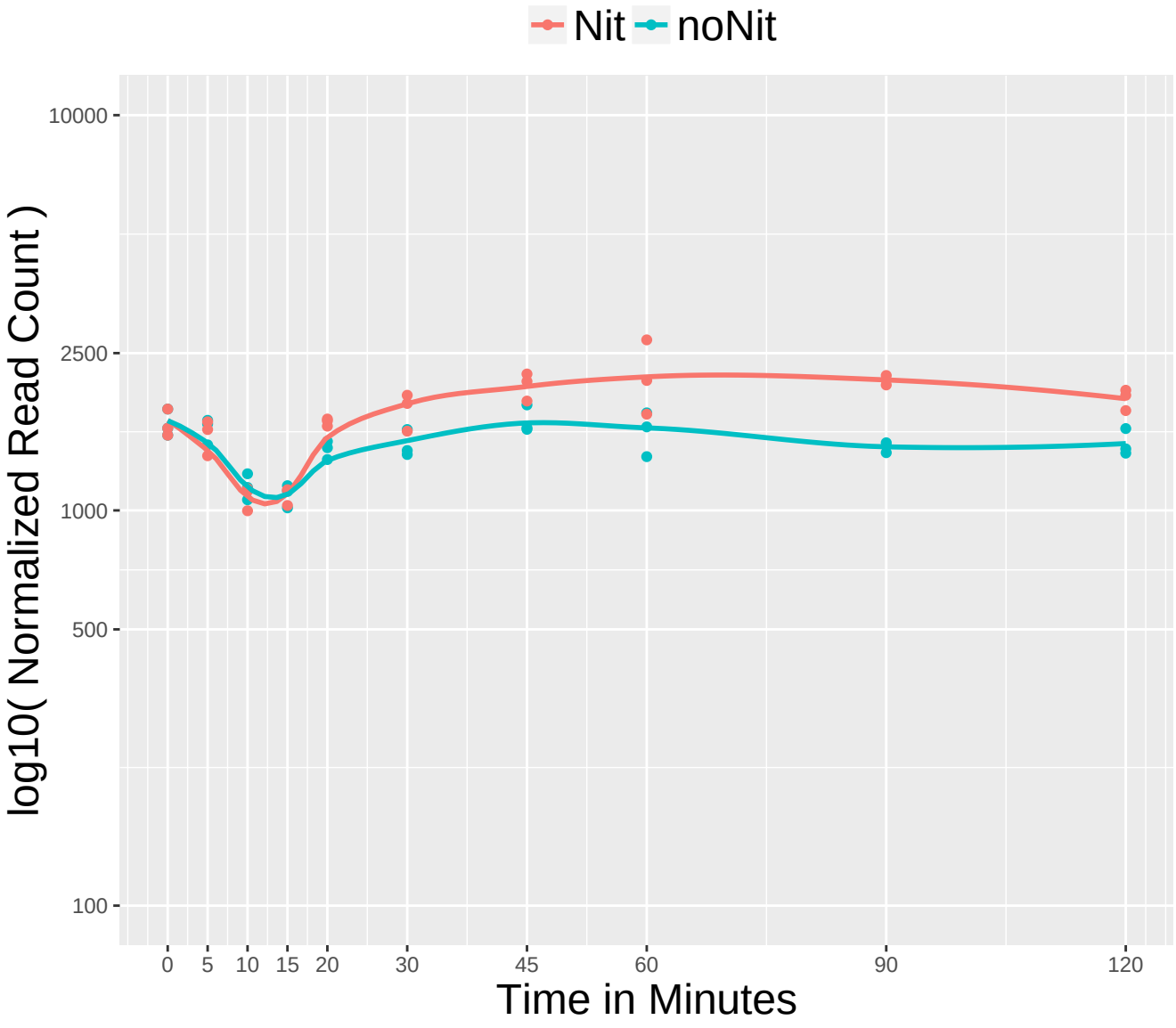
AT5G26180

S−adenosyl−L−methionine−dependent



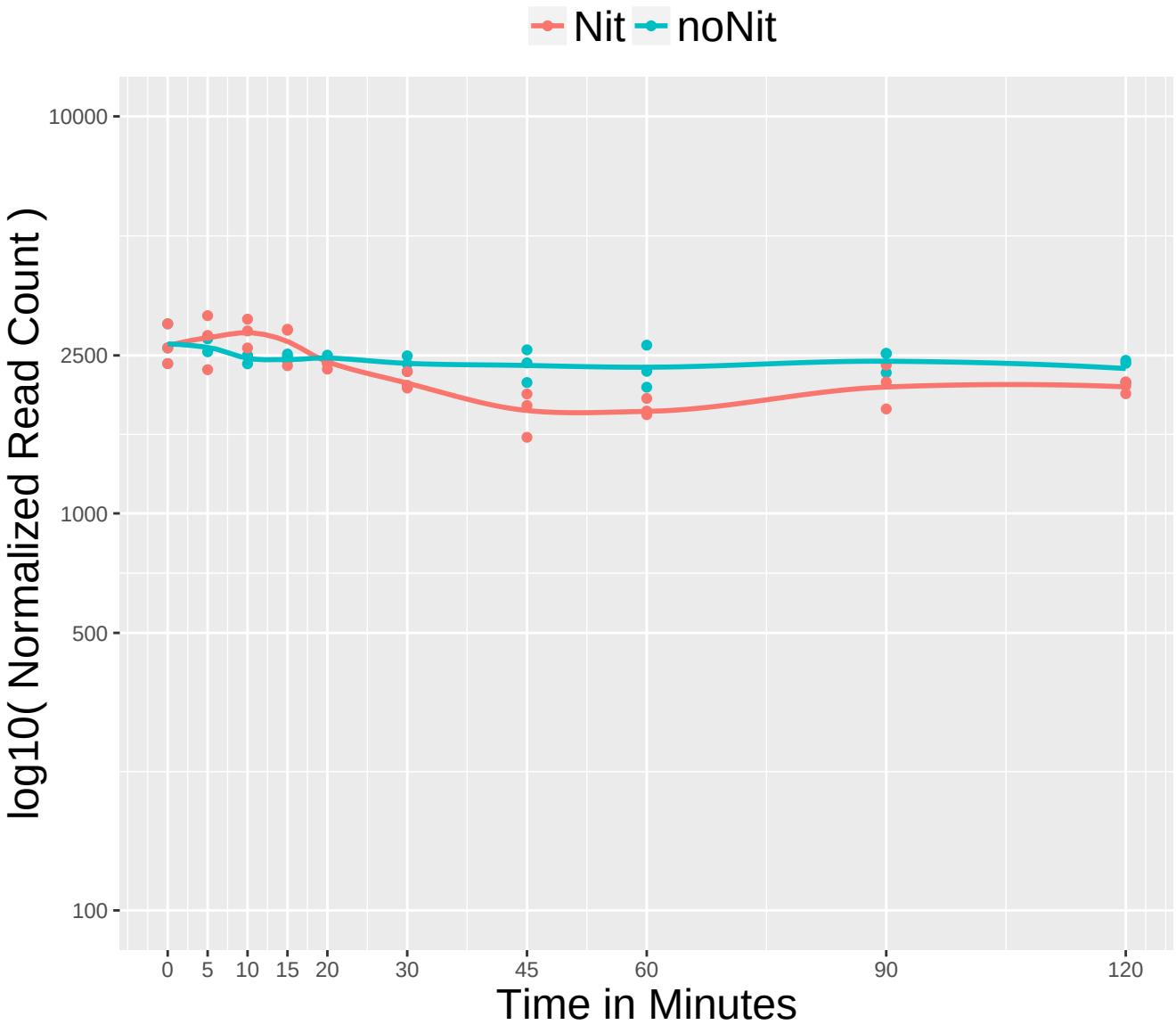
AT5G63770

ATDGK2,diacylglycerol



AT5G66730

ENY,ENHYDROUS,IDD1,INDETERMINATE



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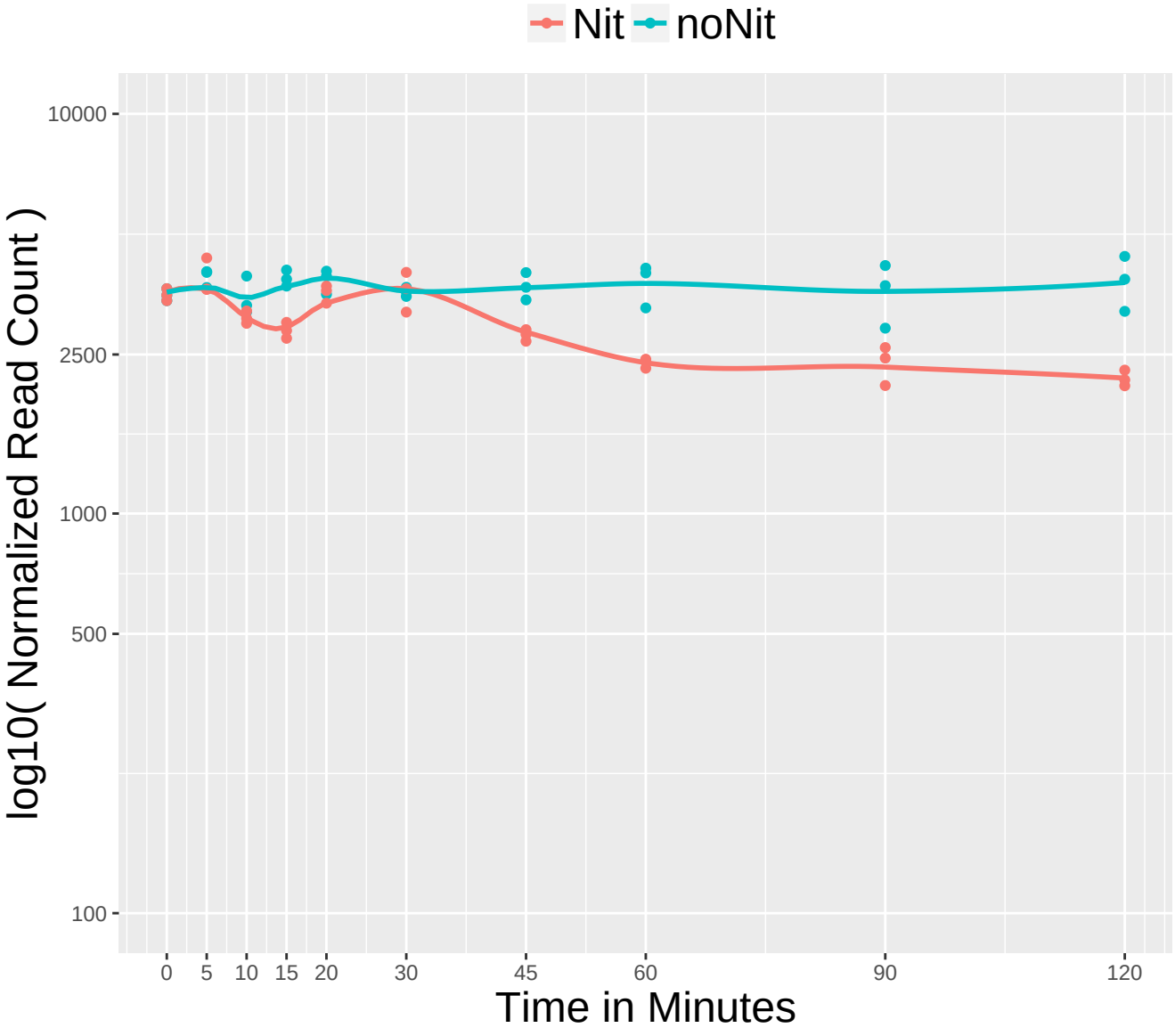
Actin



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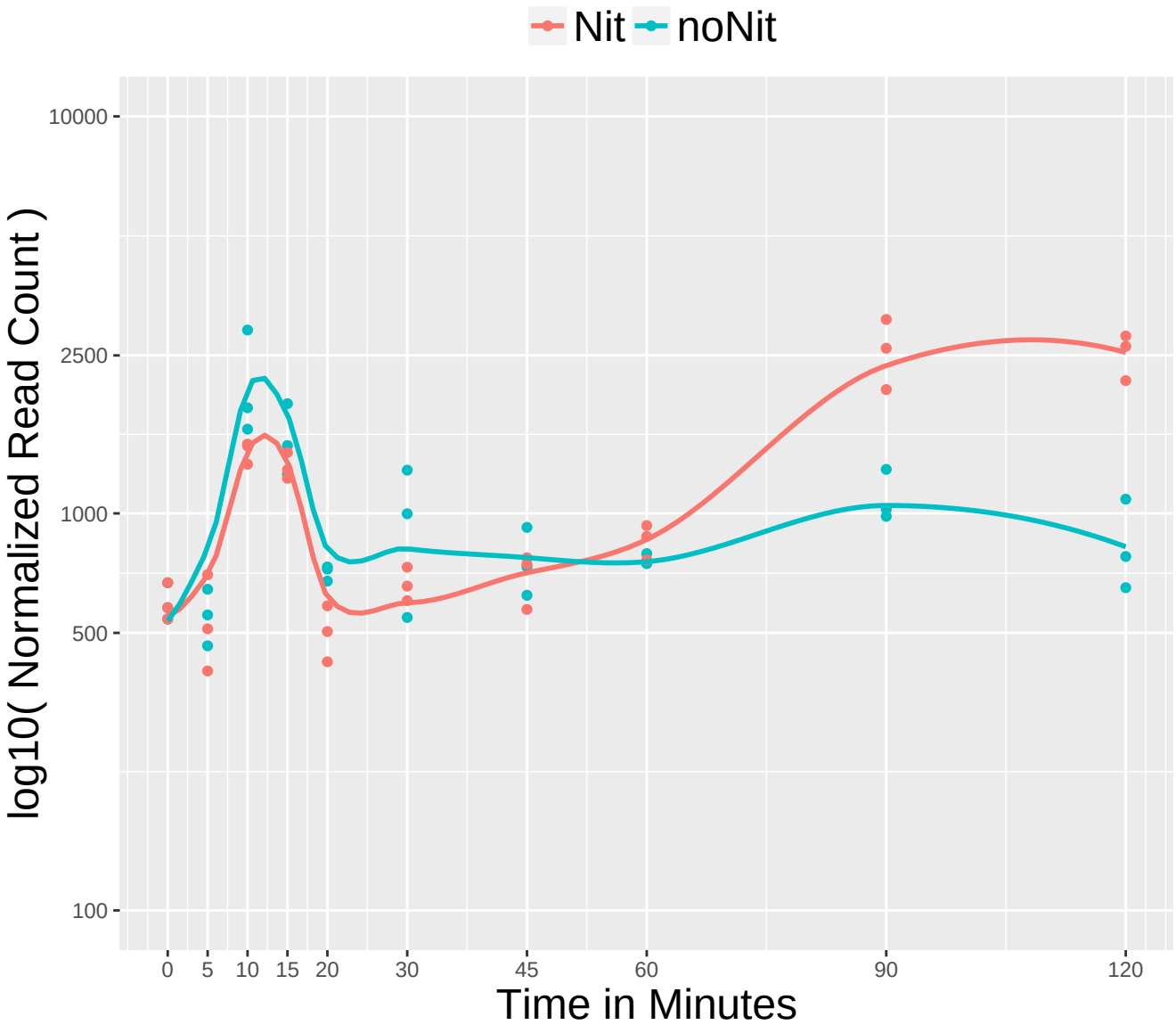
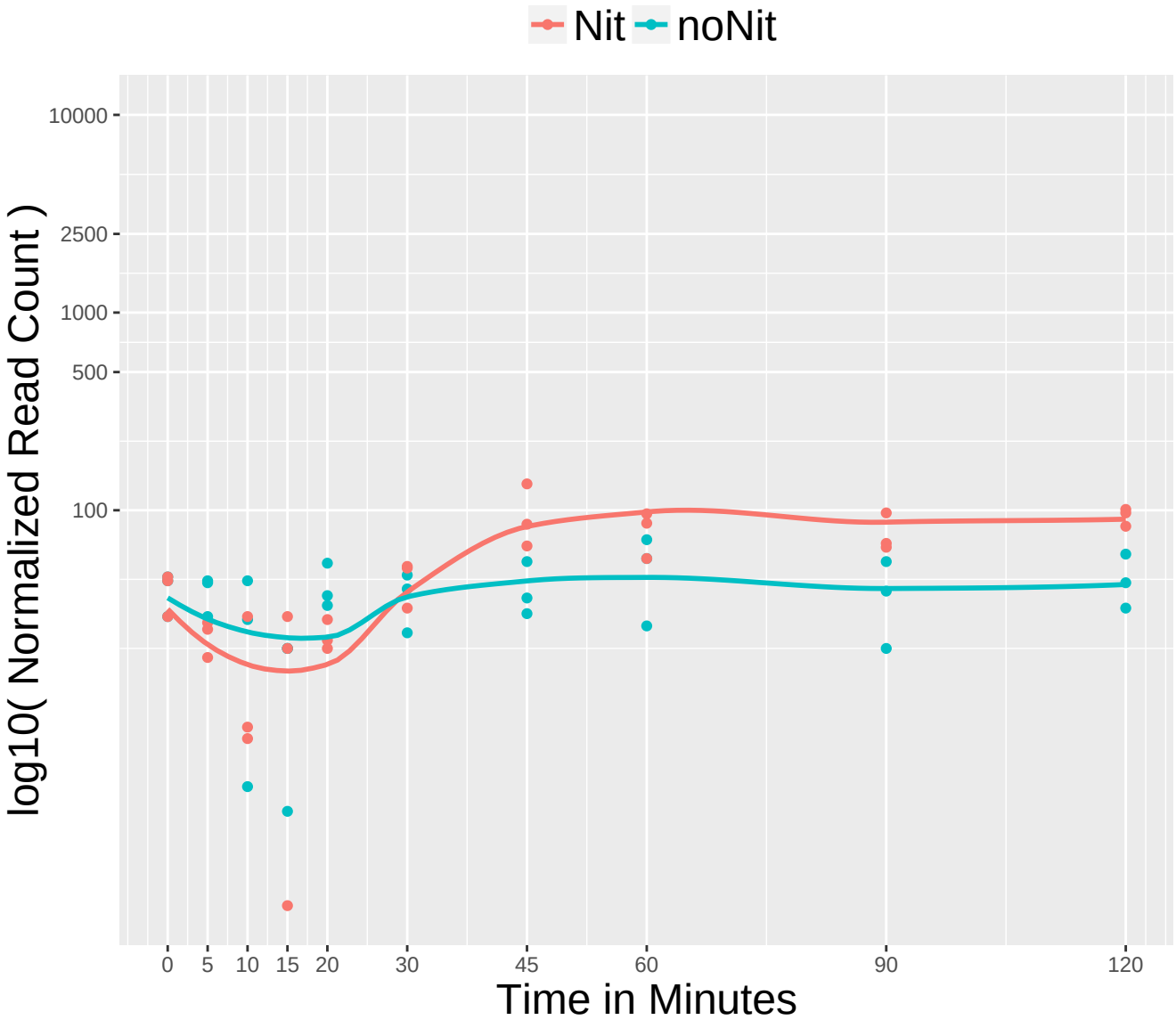
LBD4,LOB



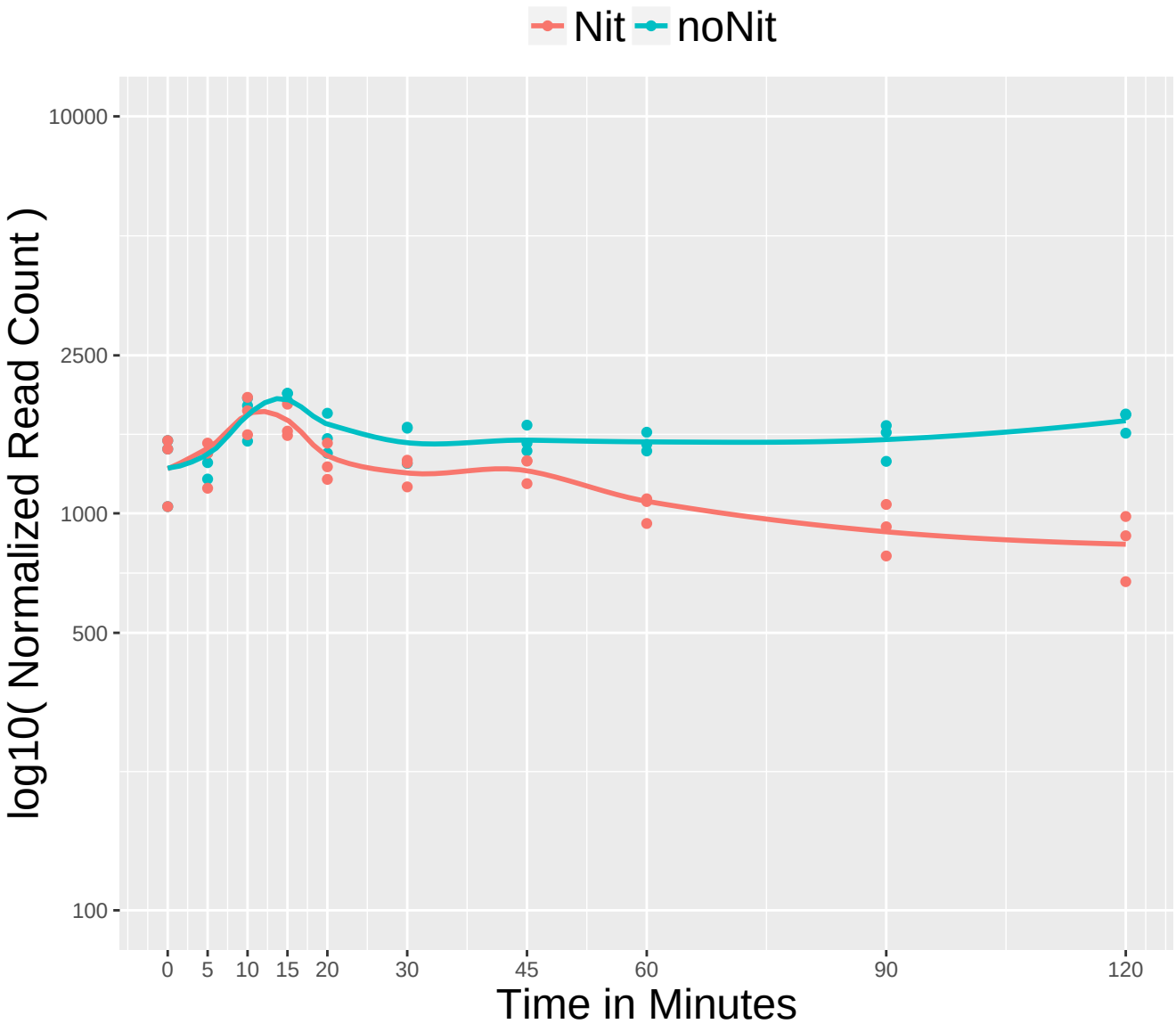
AT1G35610

Cysteine/Histidine−rich



AT1G64440

REB1,ROOT



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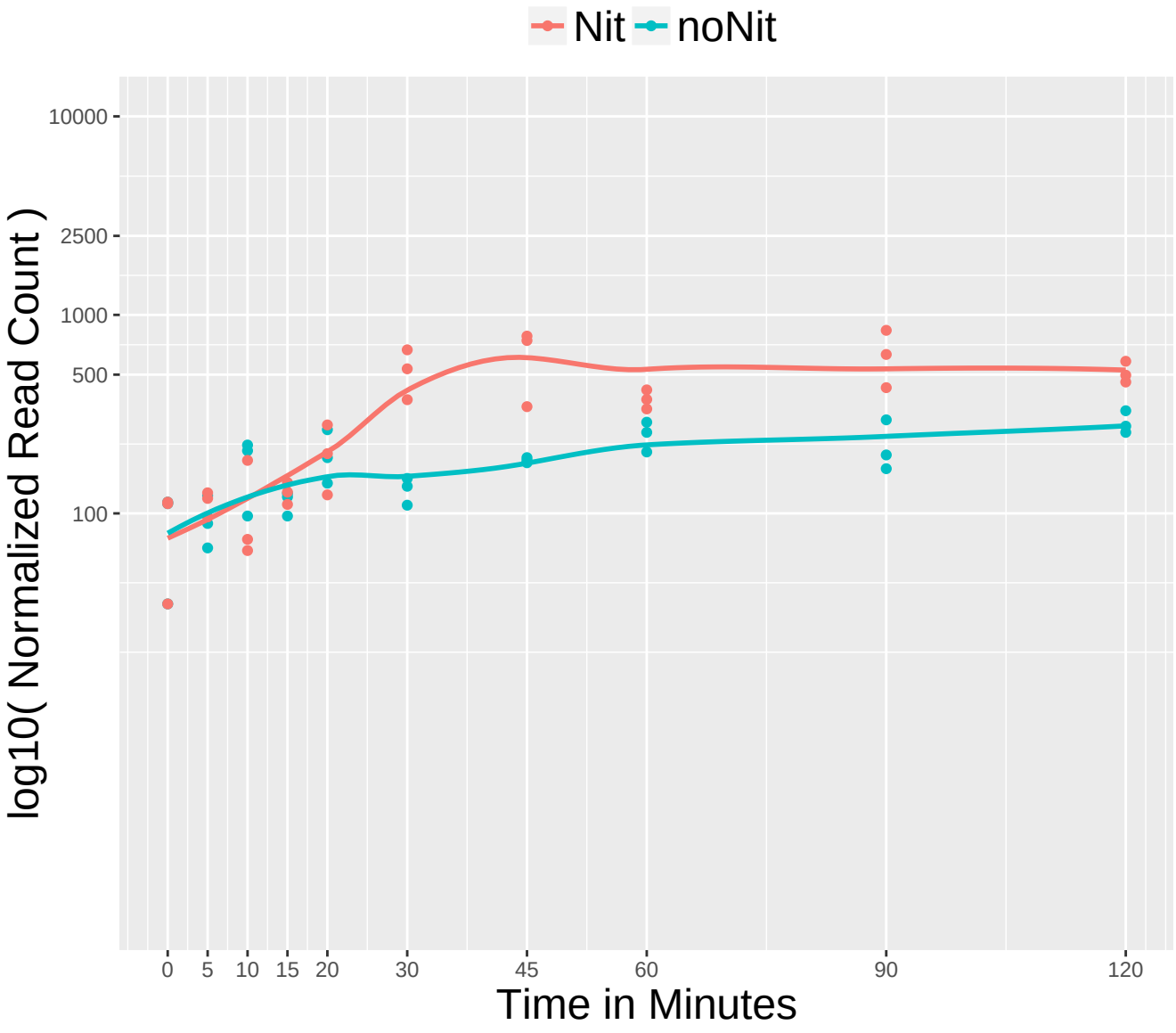
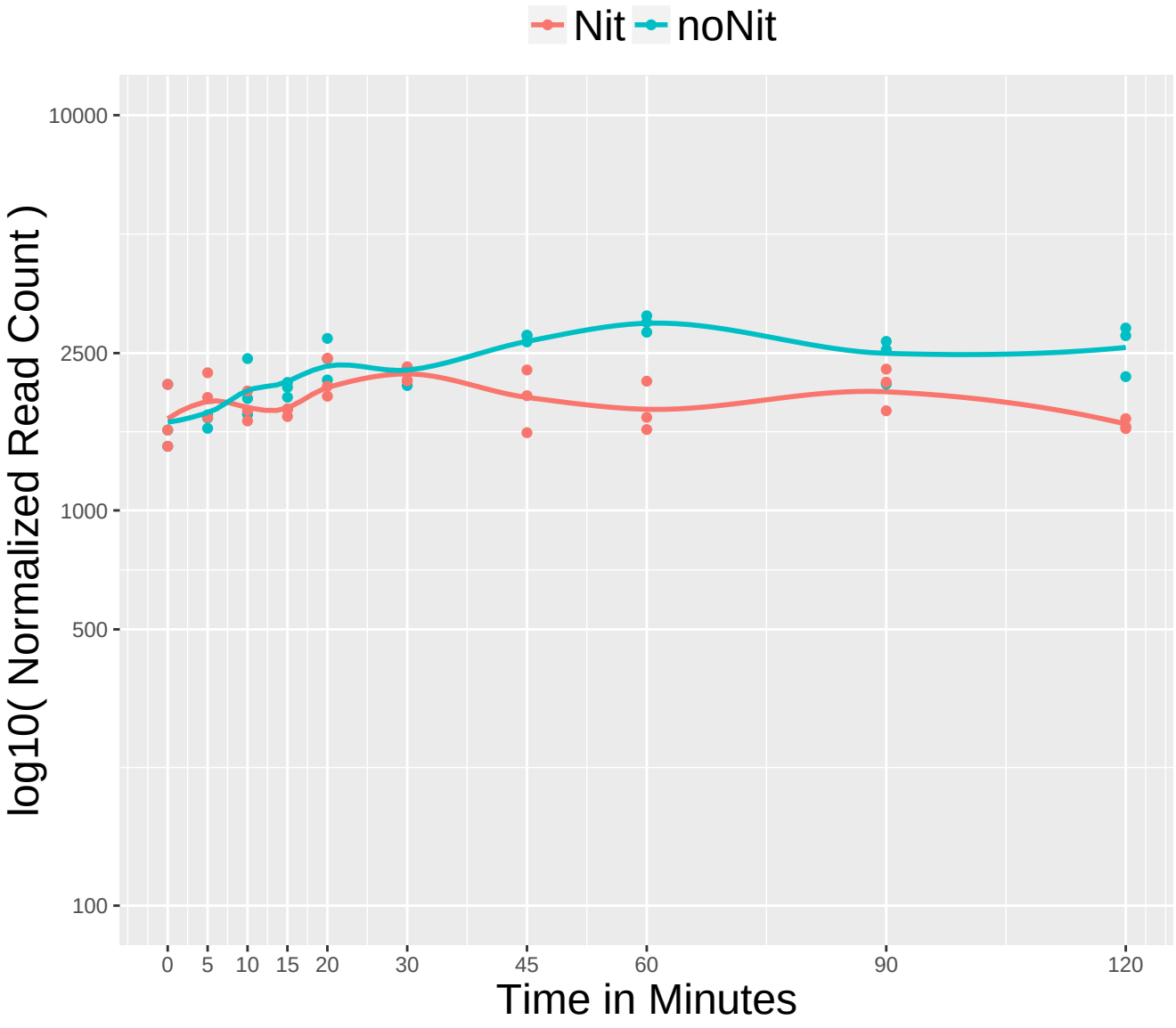
PHO1;H1



AT2G31260

APG9,autophagy



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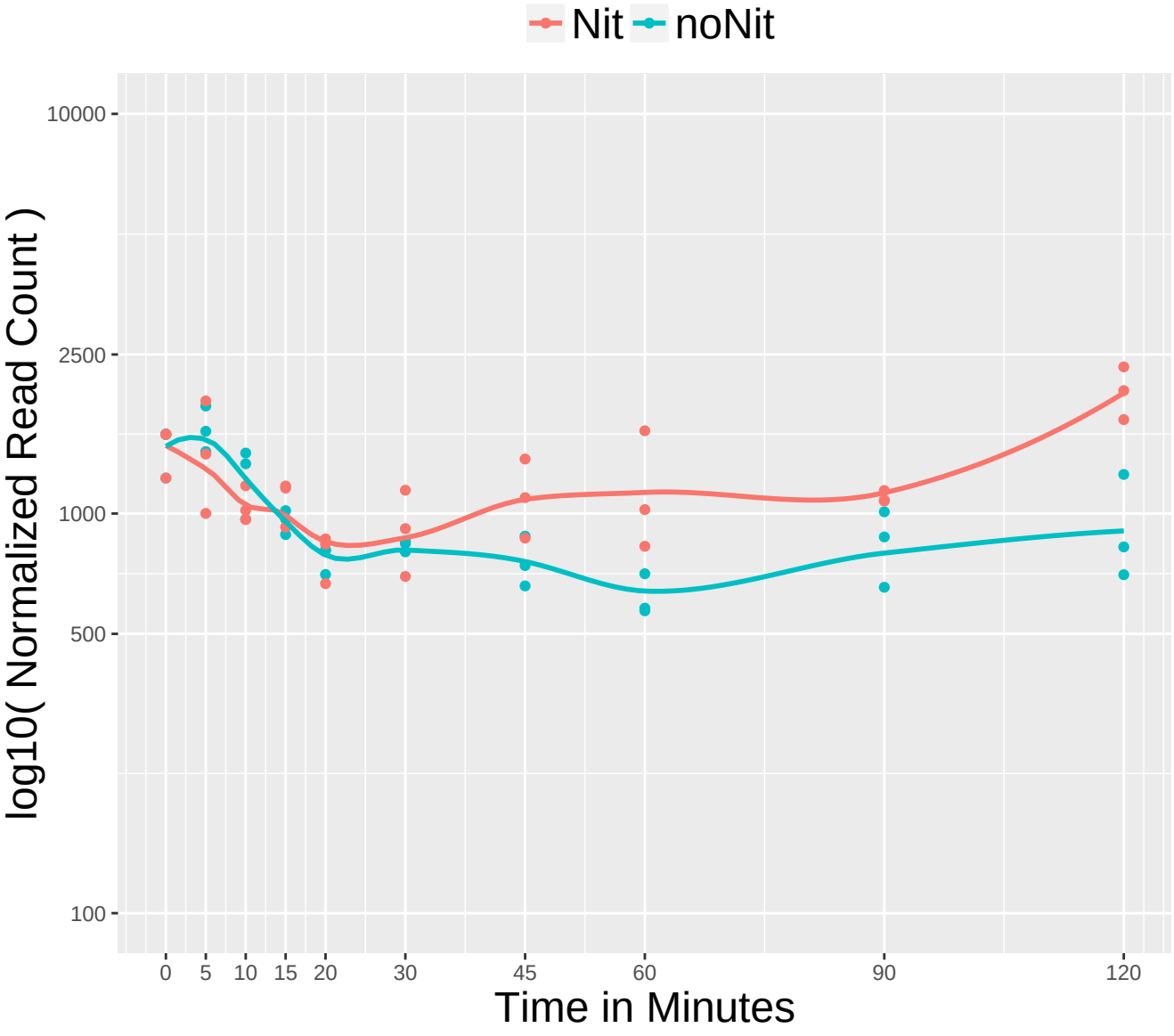
Histone



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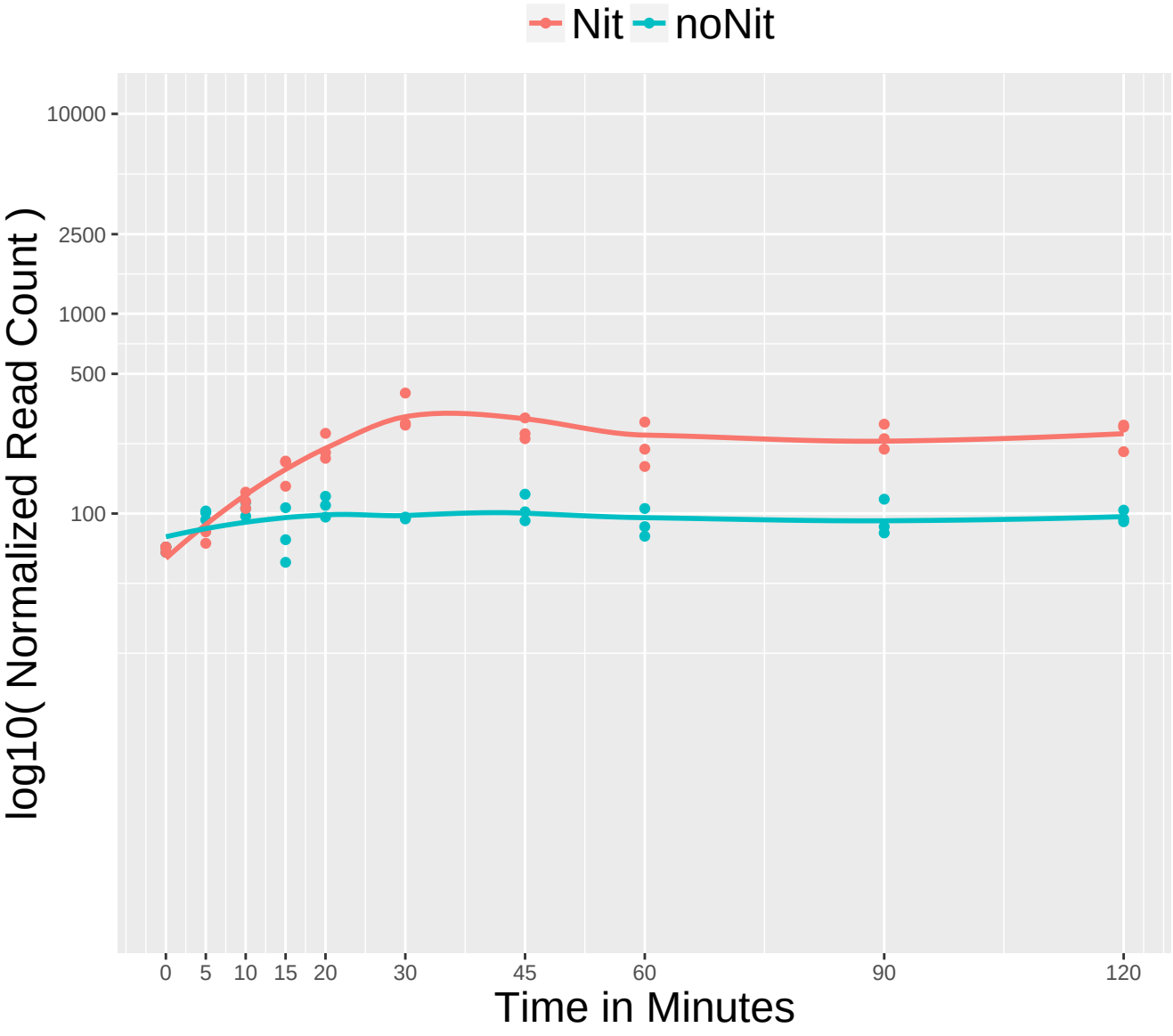
Protein



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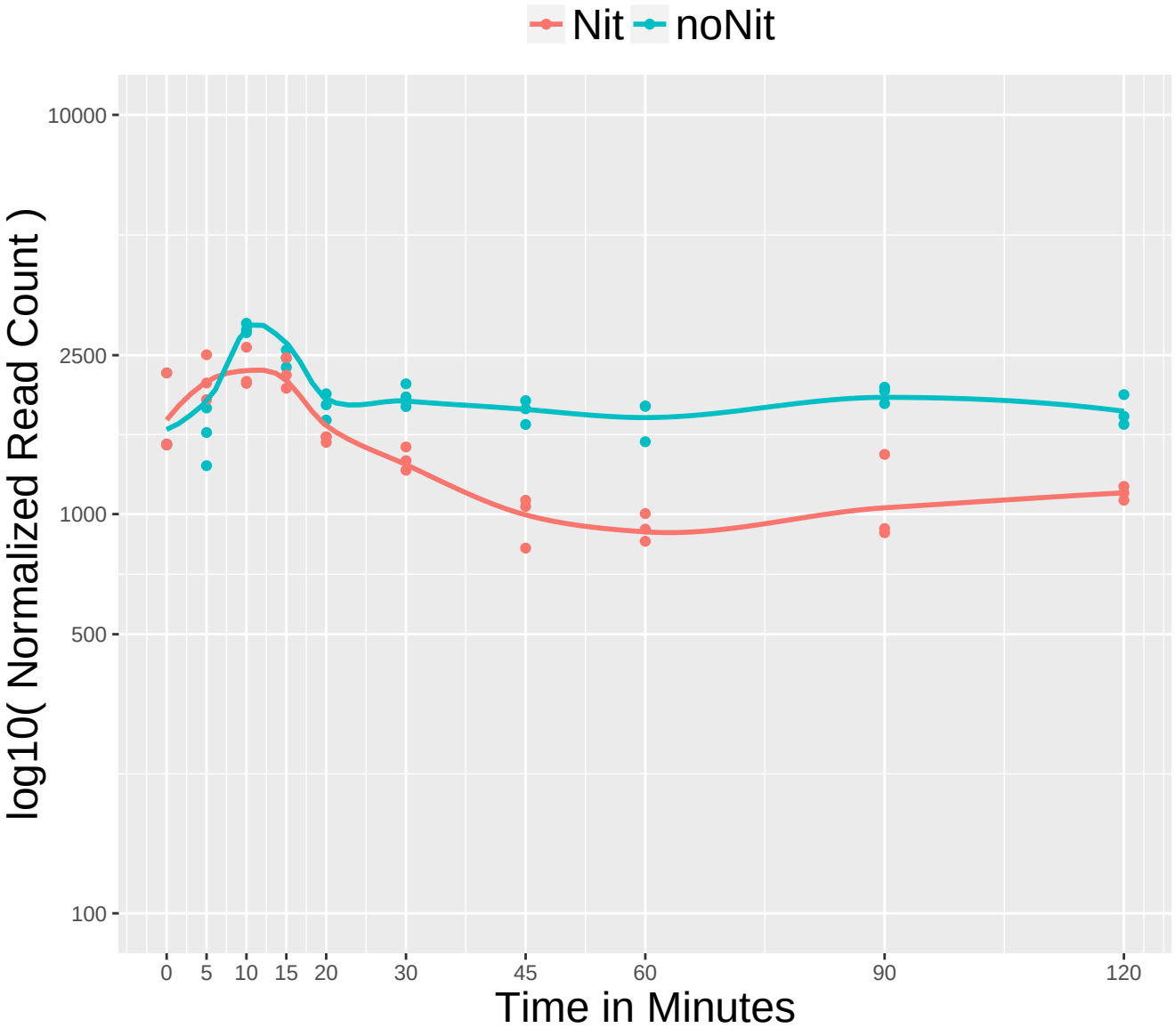
MYBC1



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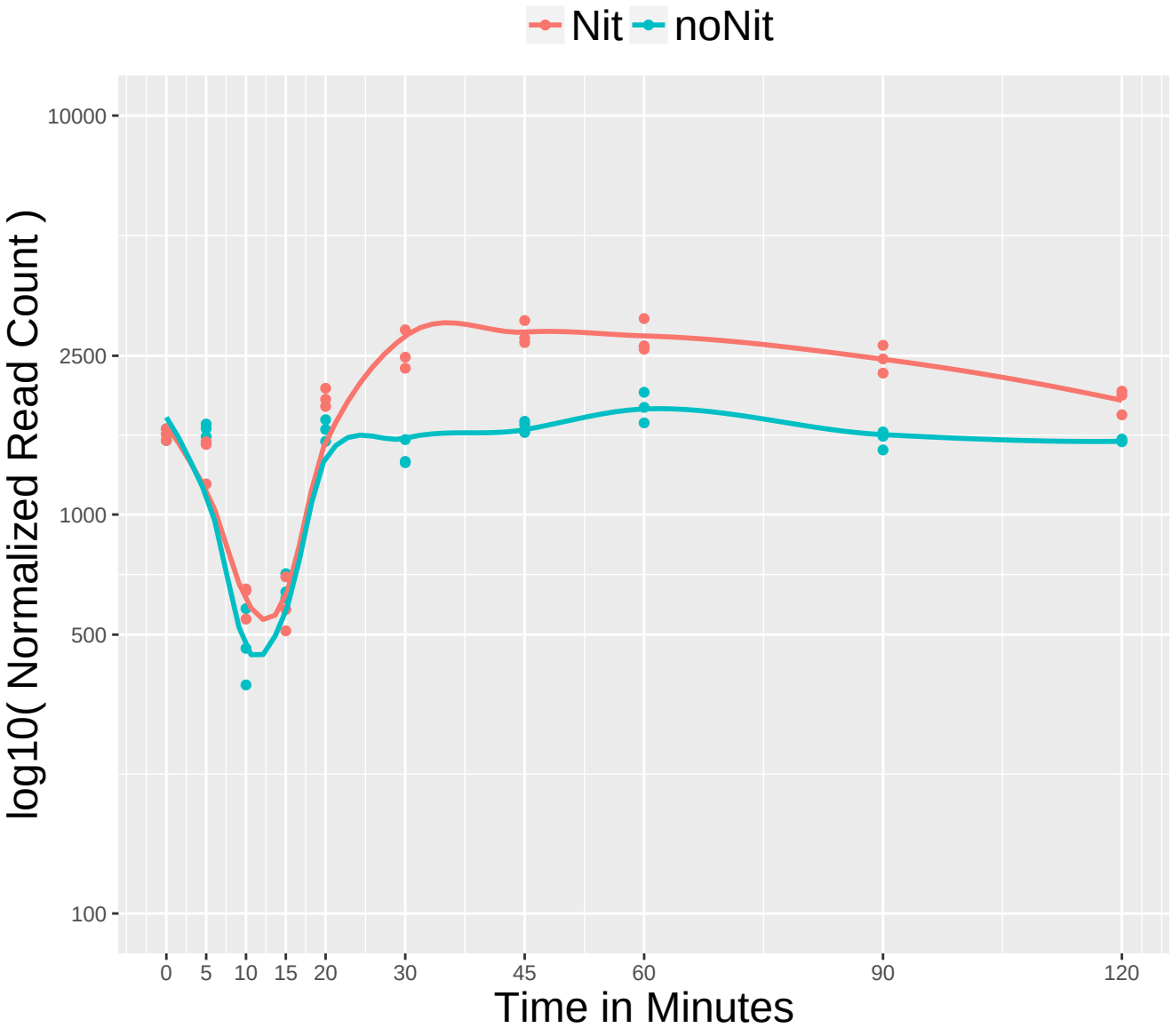
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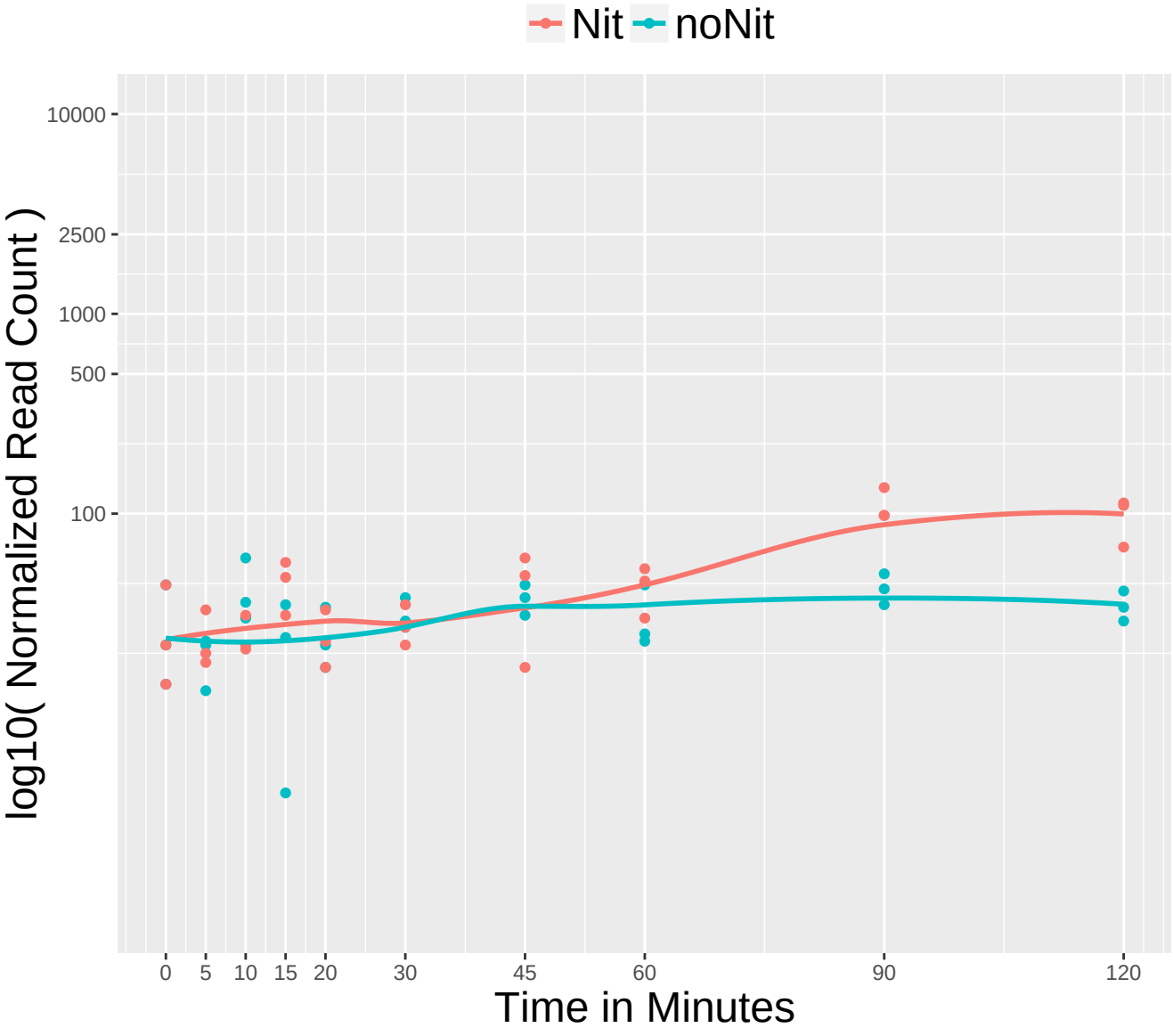
Time in Minutes

AT3G48390

MA3



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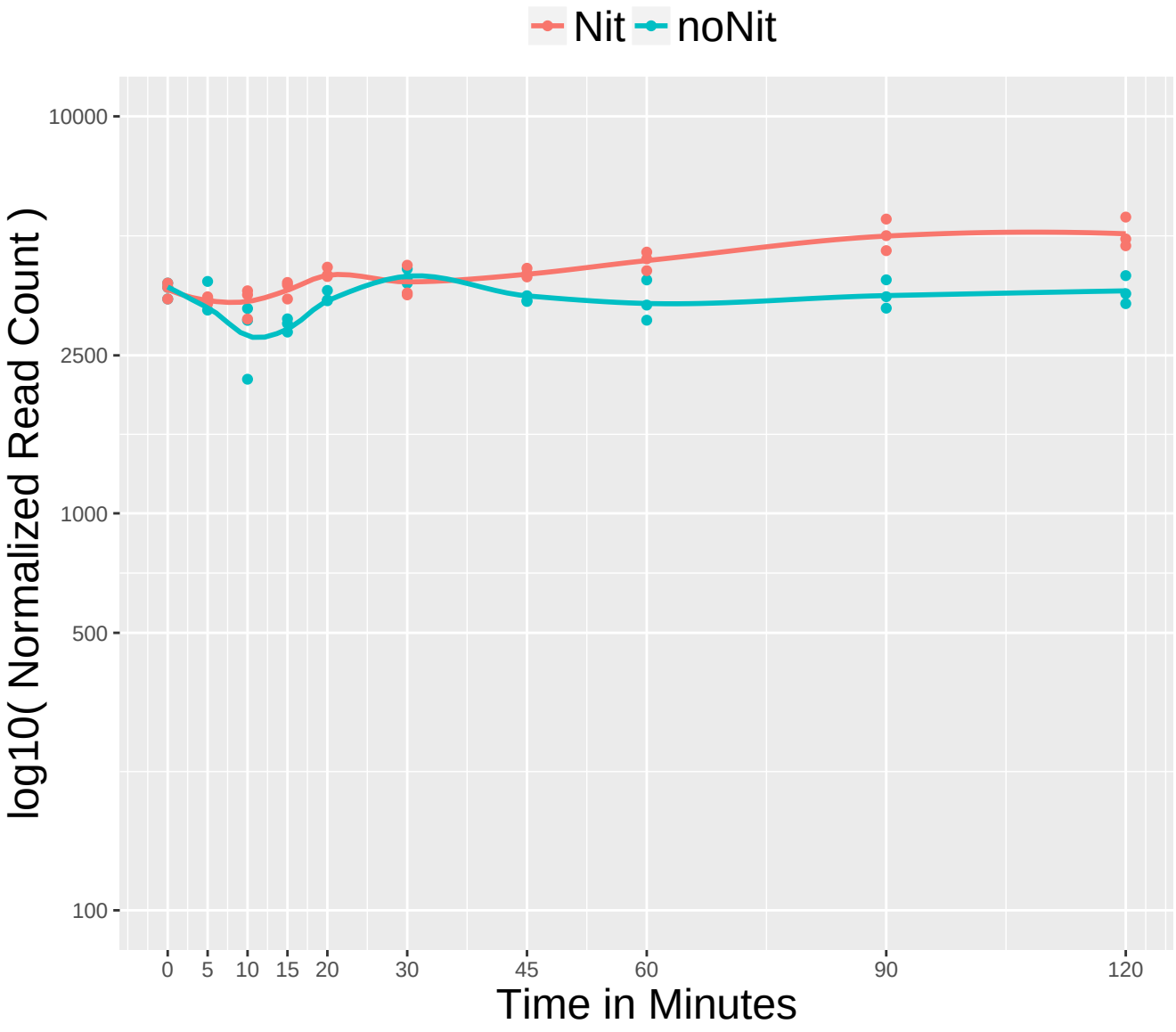

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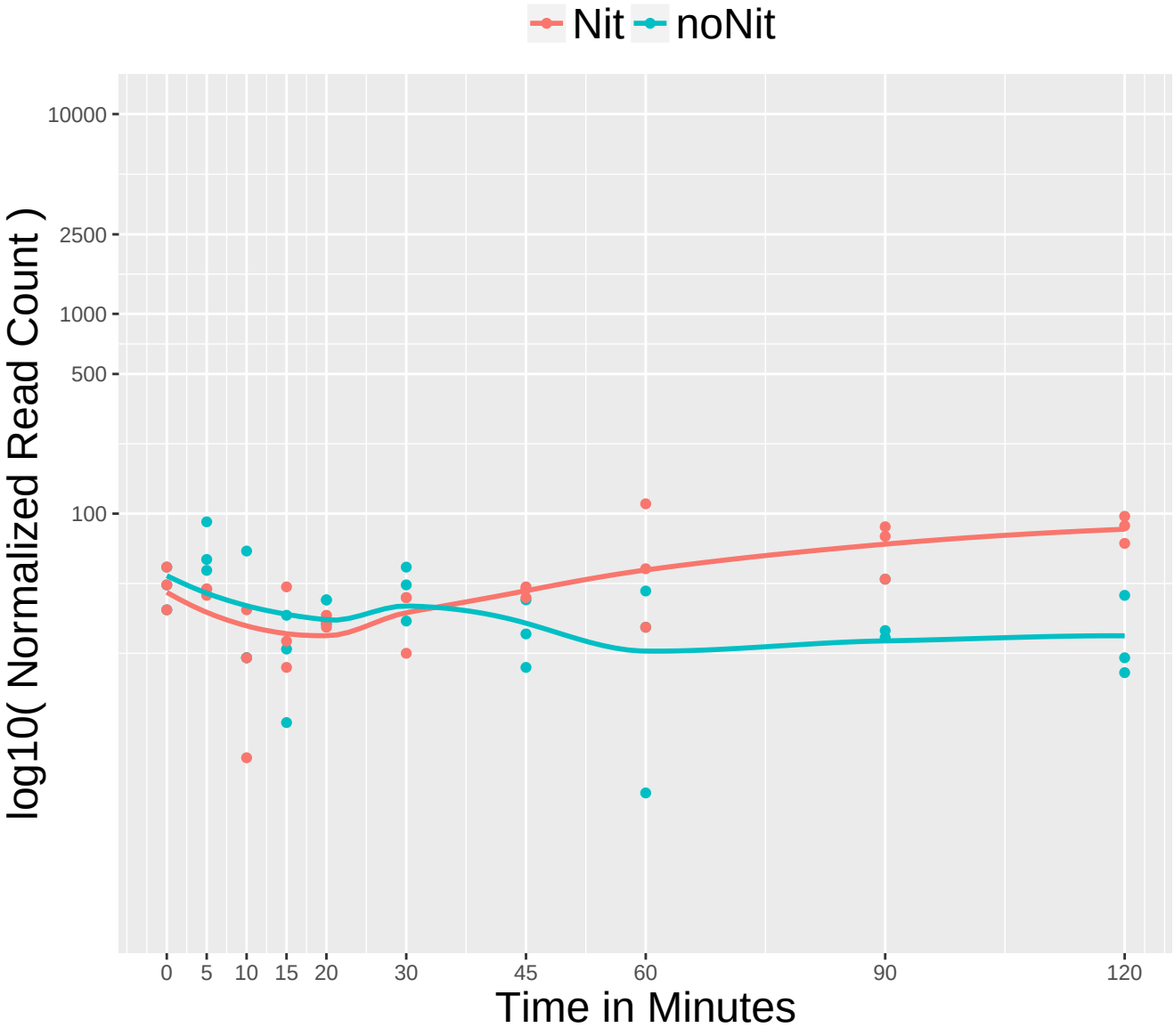
HSP20−like



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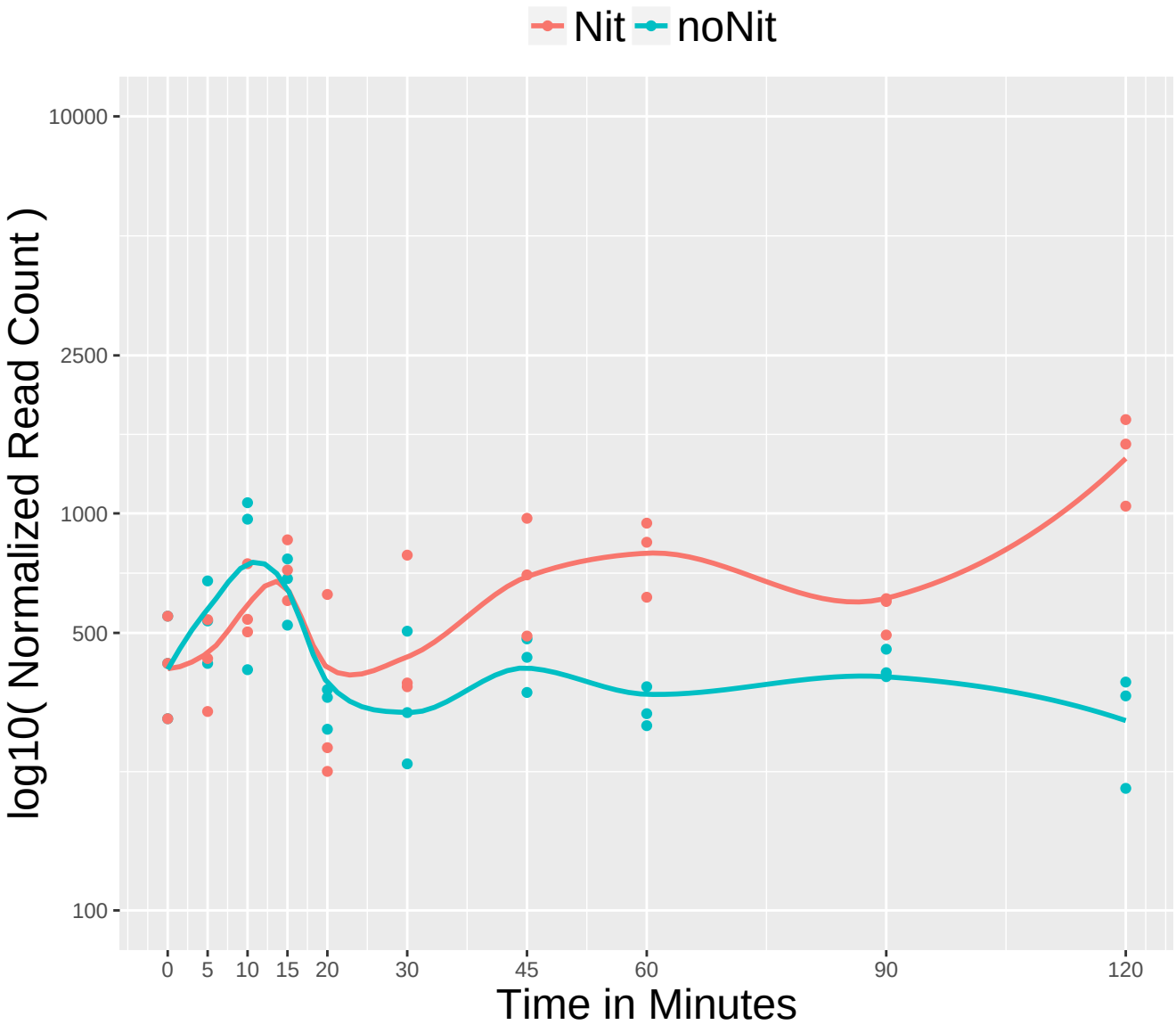
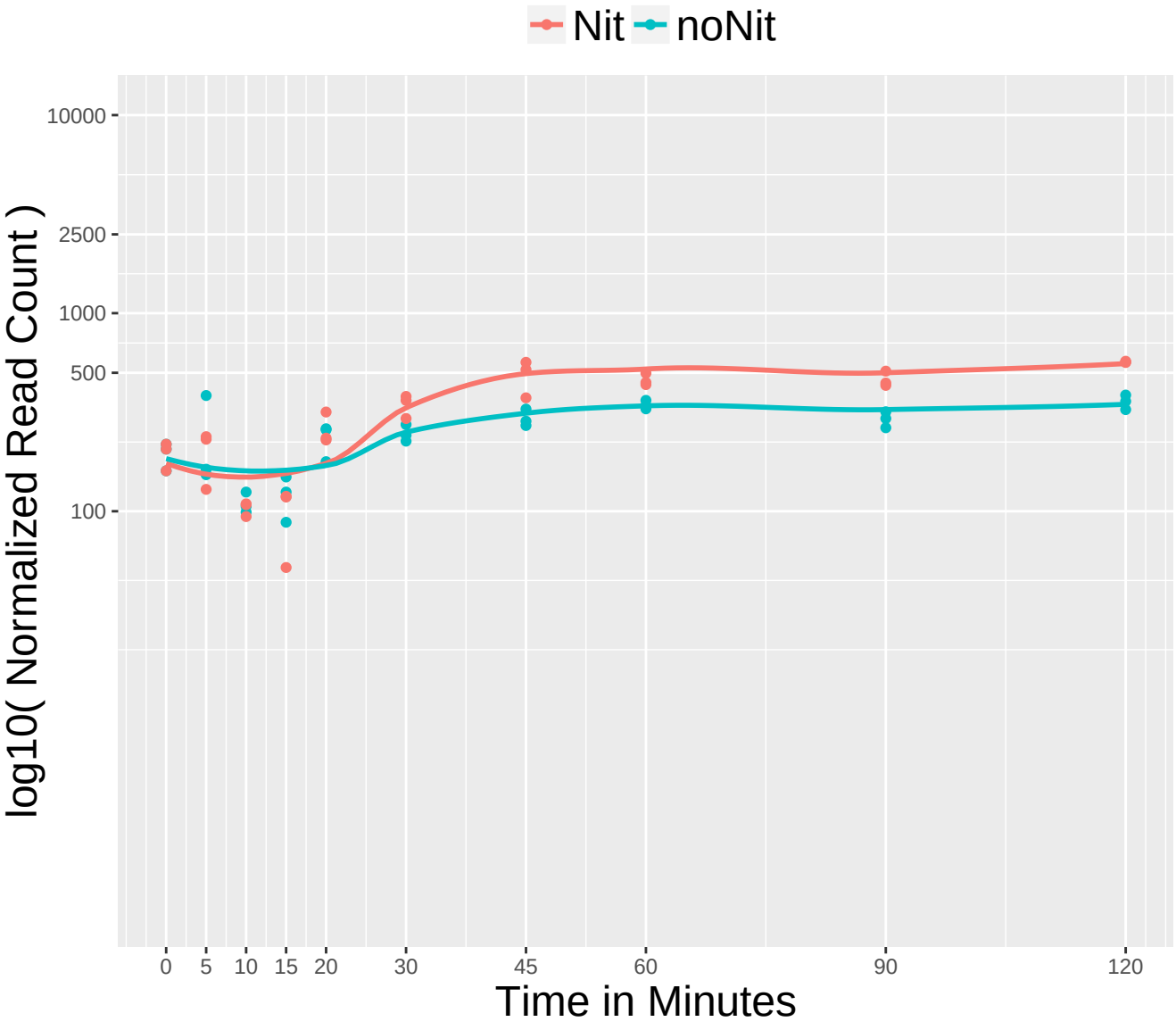
CYP81F1,CYTOCHROME



AT5G06800

myb−like



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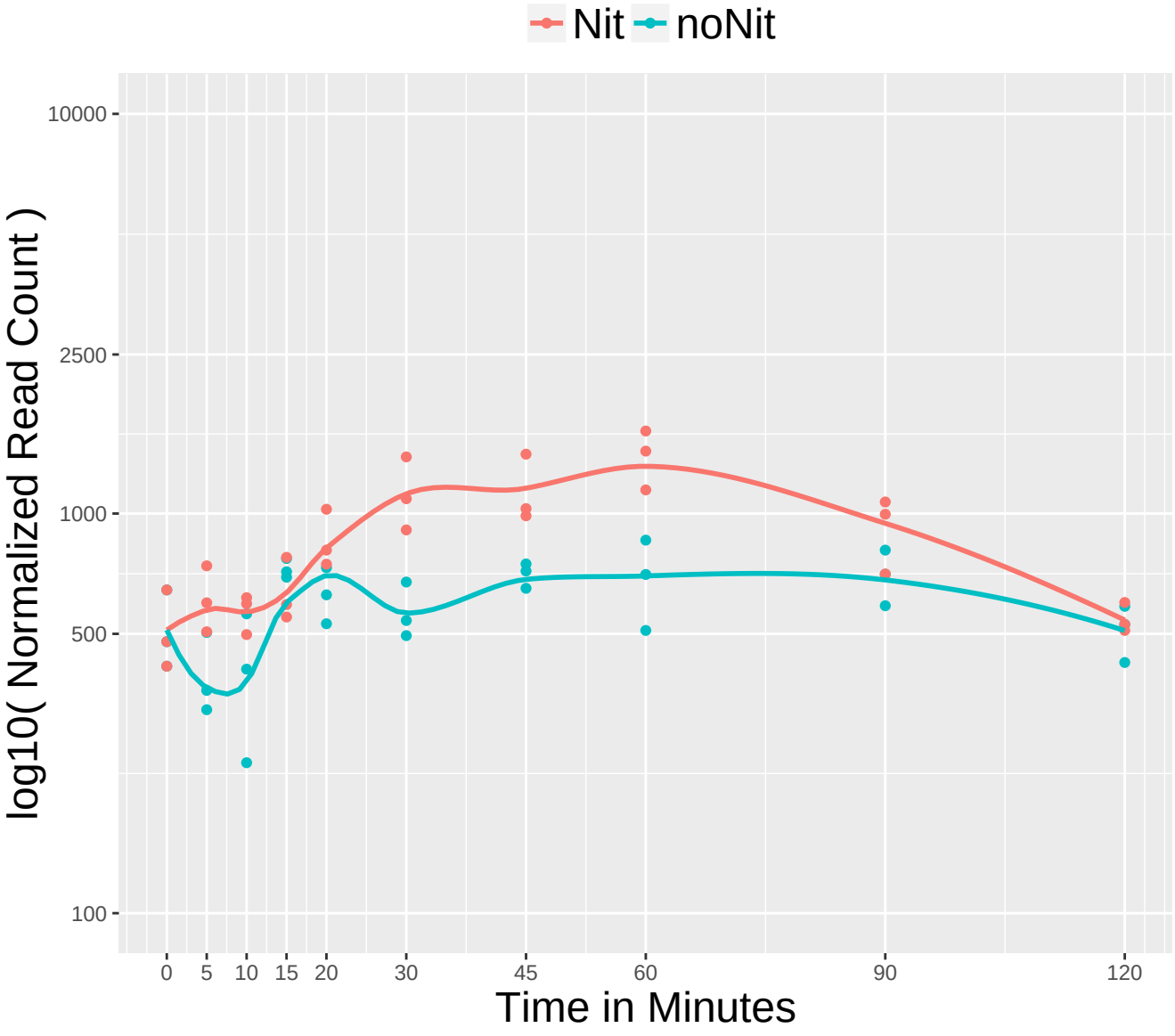

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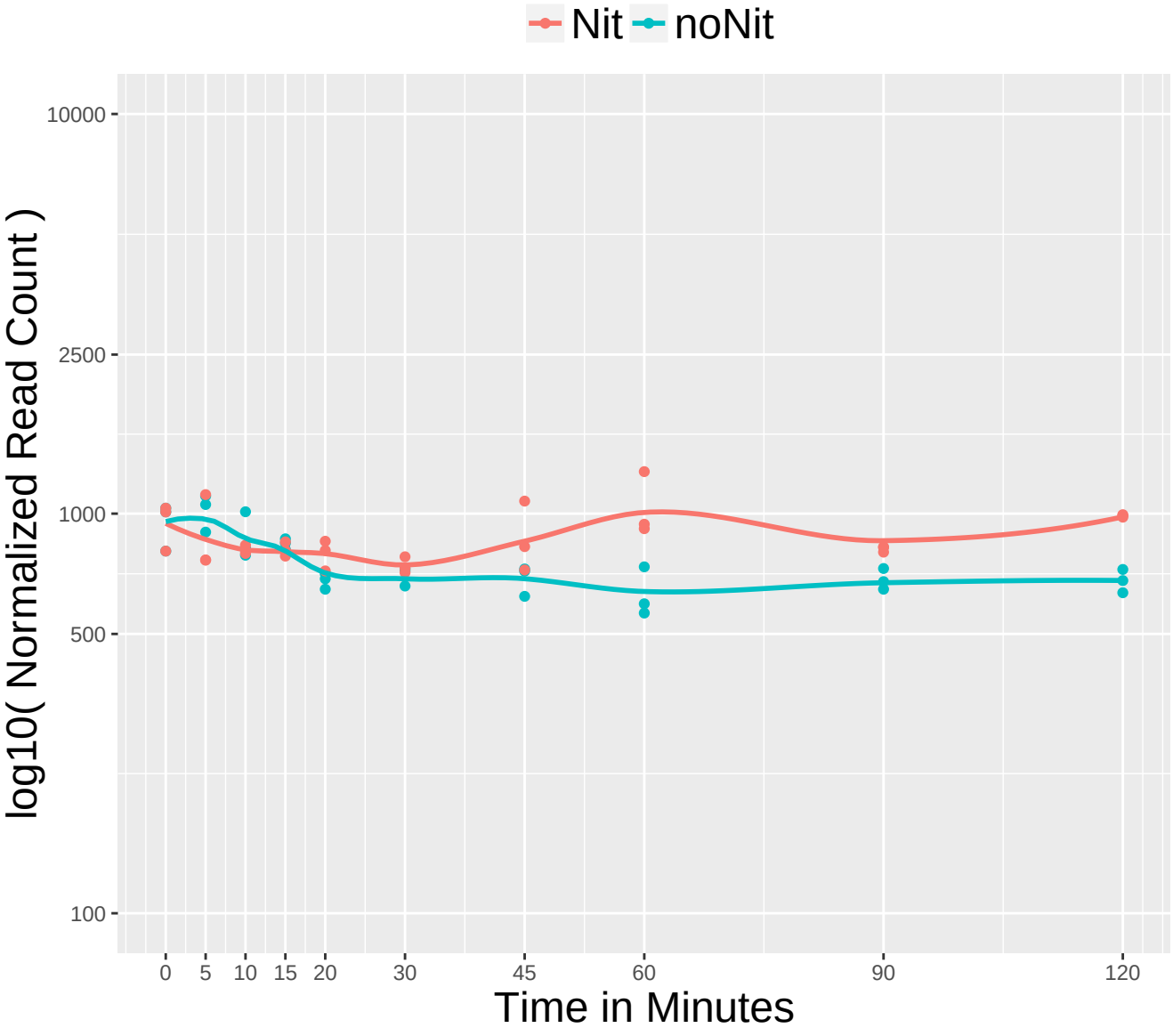
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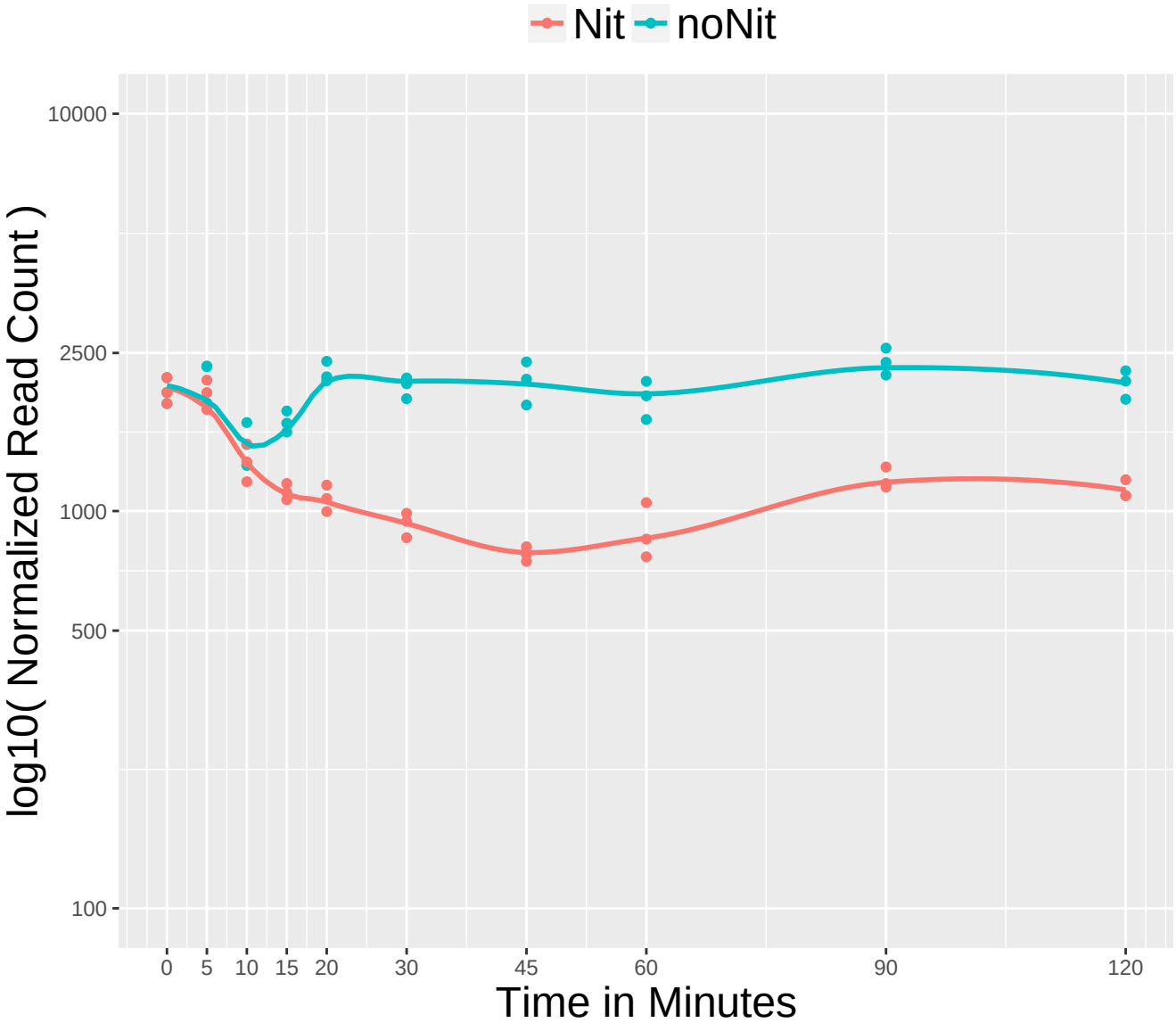
Time in Minutes

AT5G45100

BRG1,BOI−related



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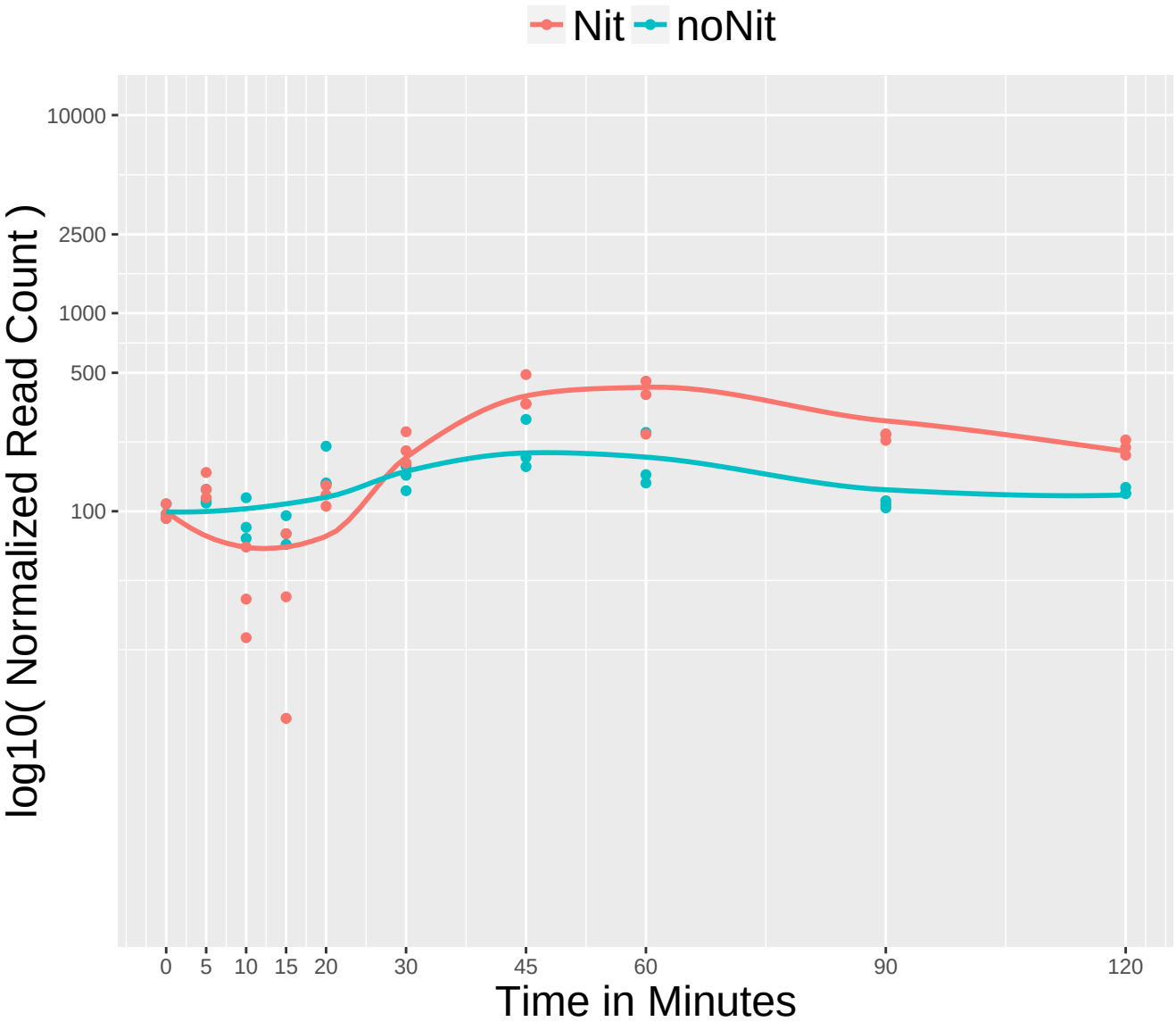
Cysteine/Histidine−rich



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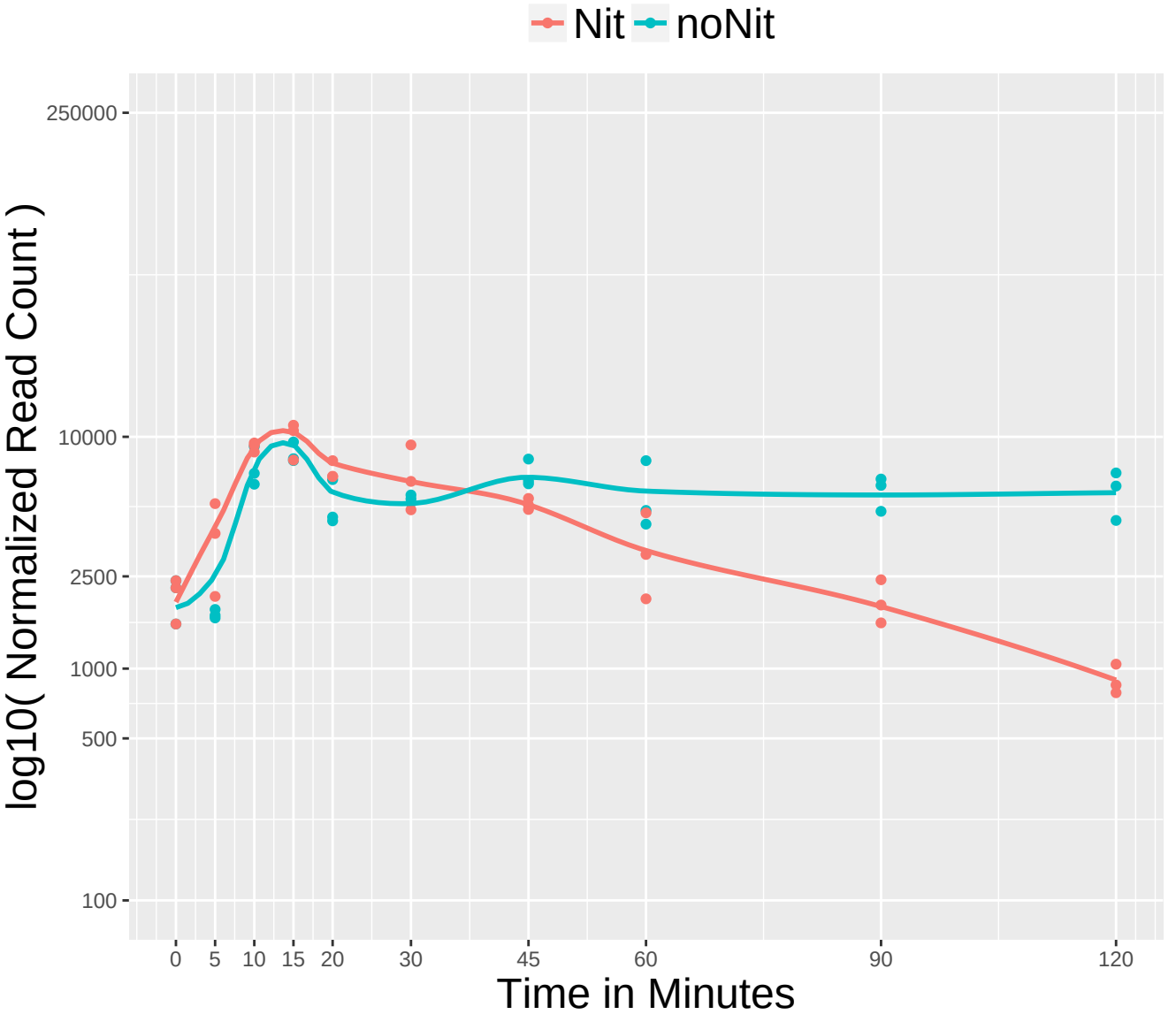
ATNRT2.4,ARABIDOPSIS



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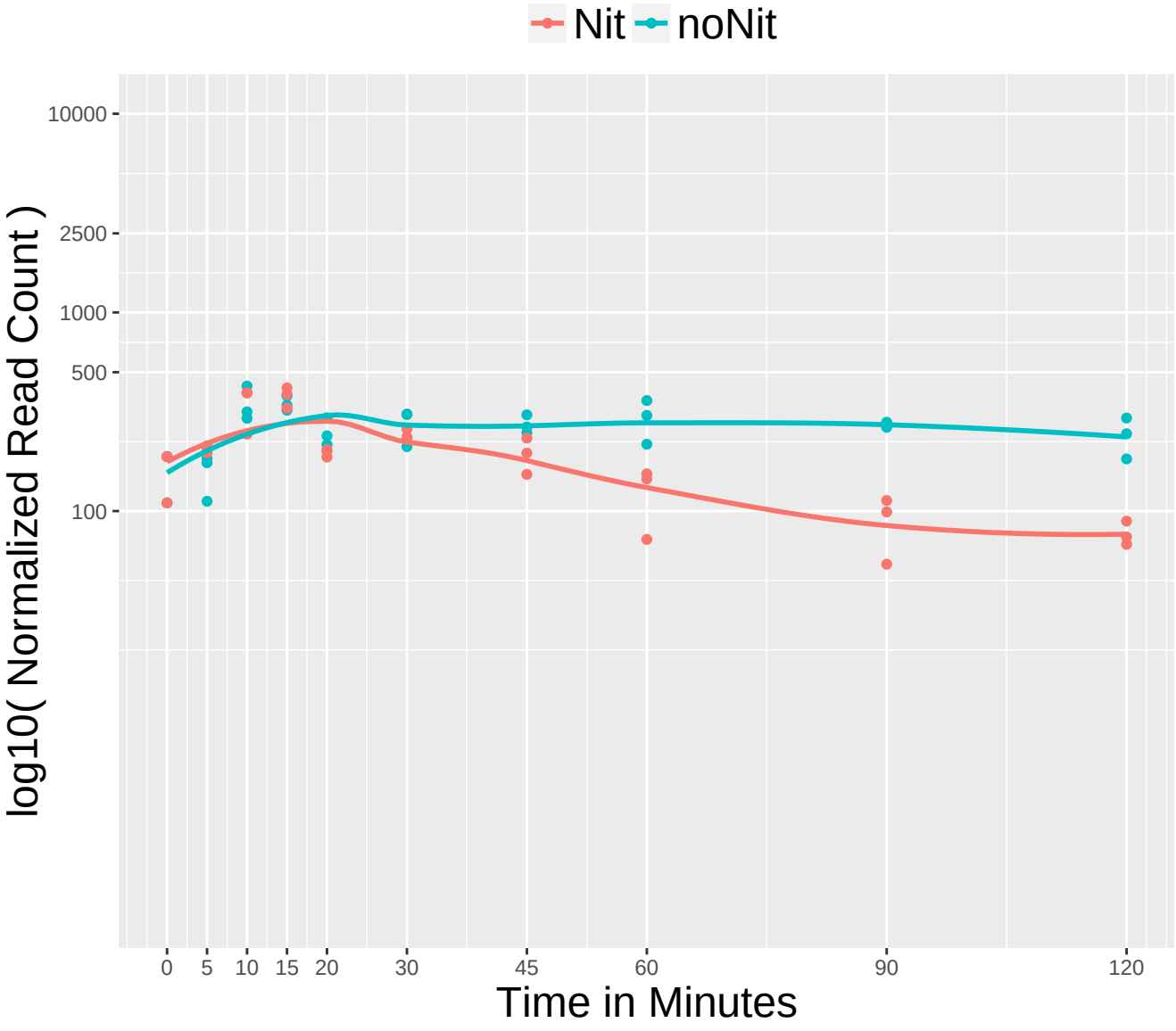
MDP40,MICROTUBULE



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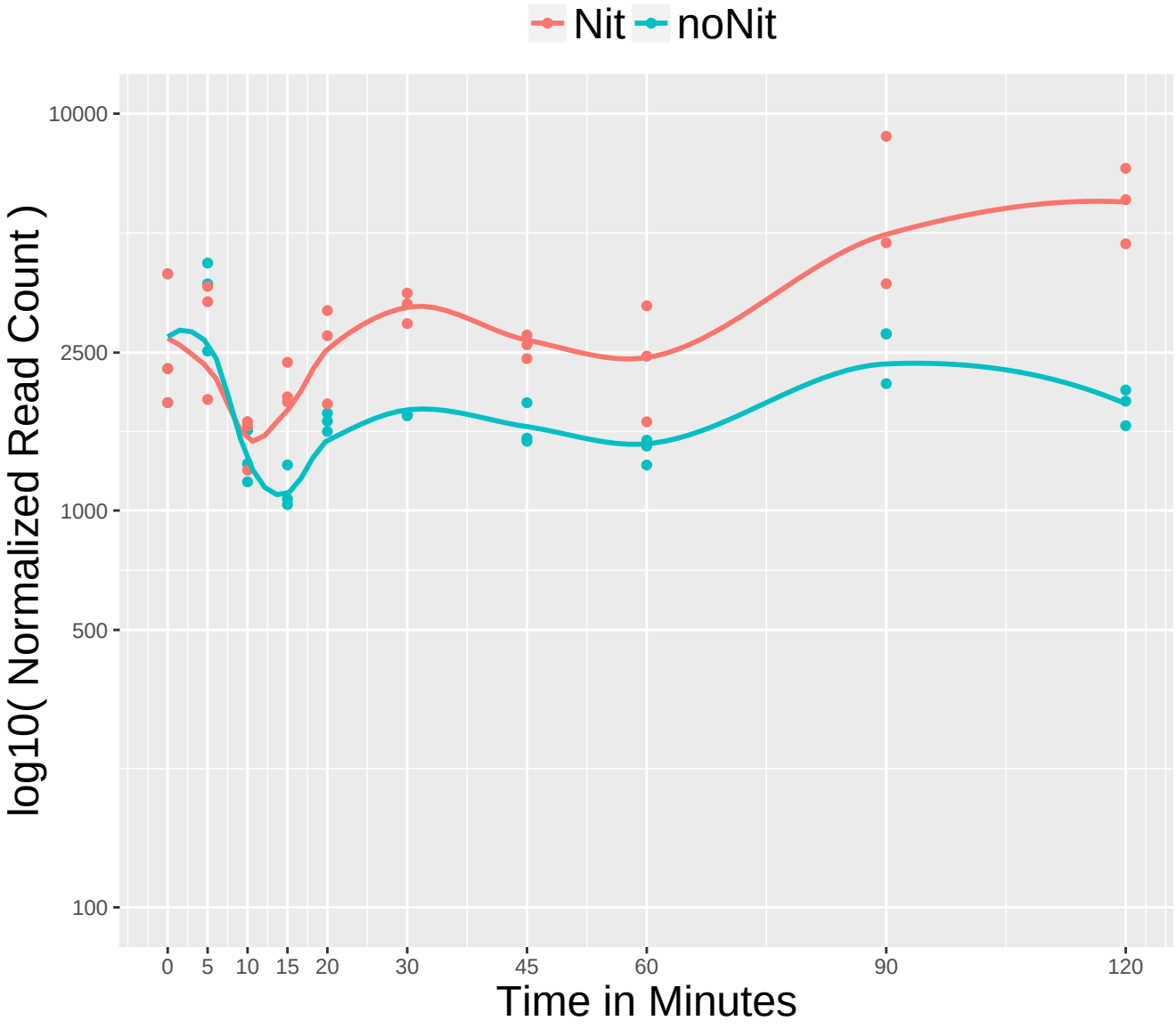

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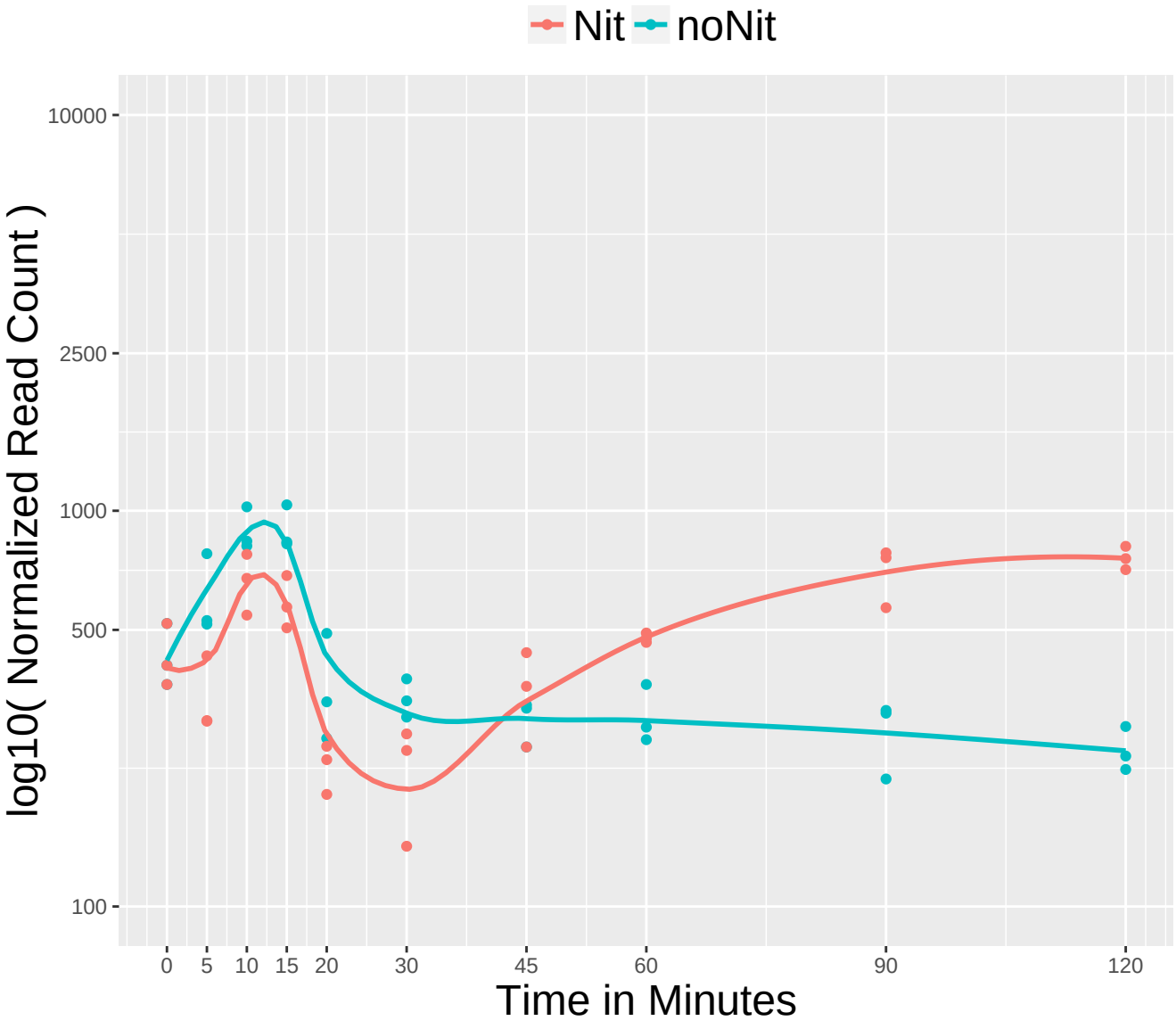
UDP−Glycosyltransferase



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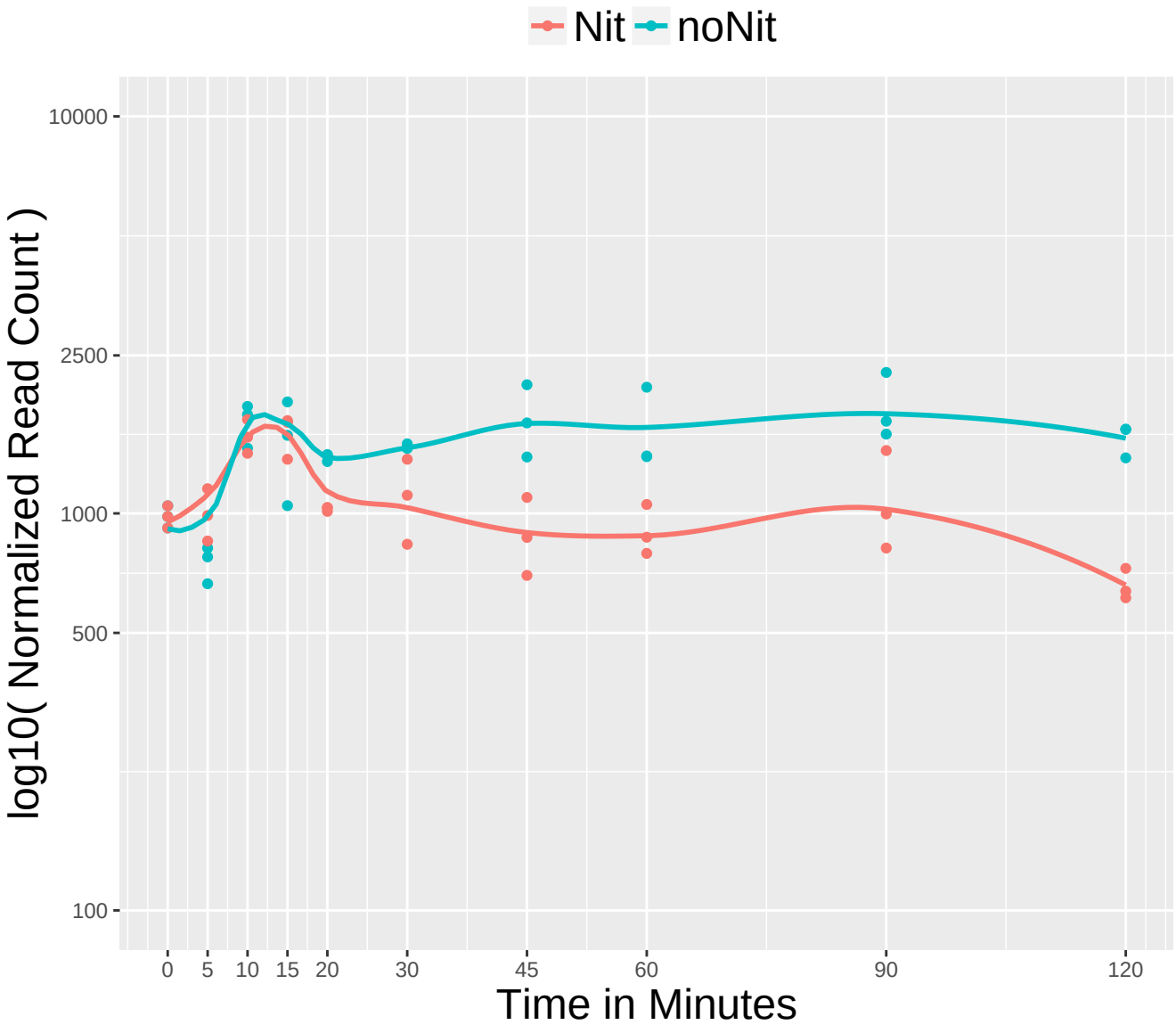
ATIPS2,INOSITOL



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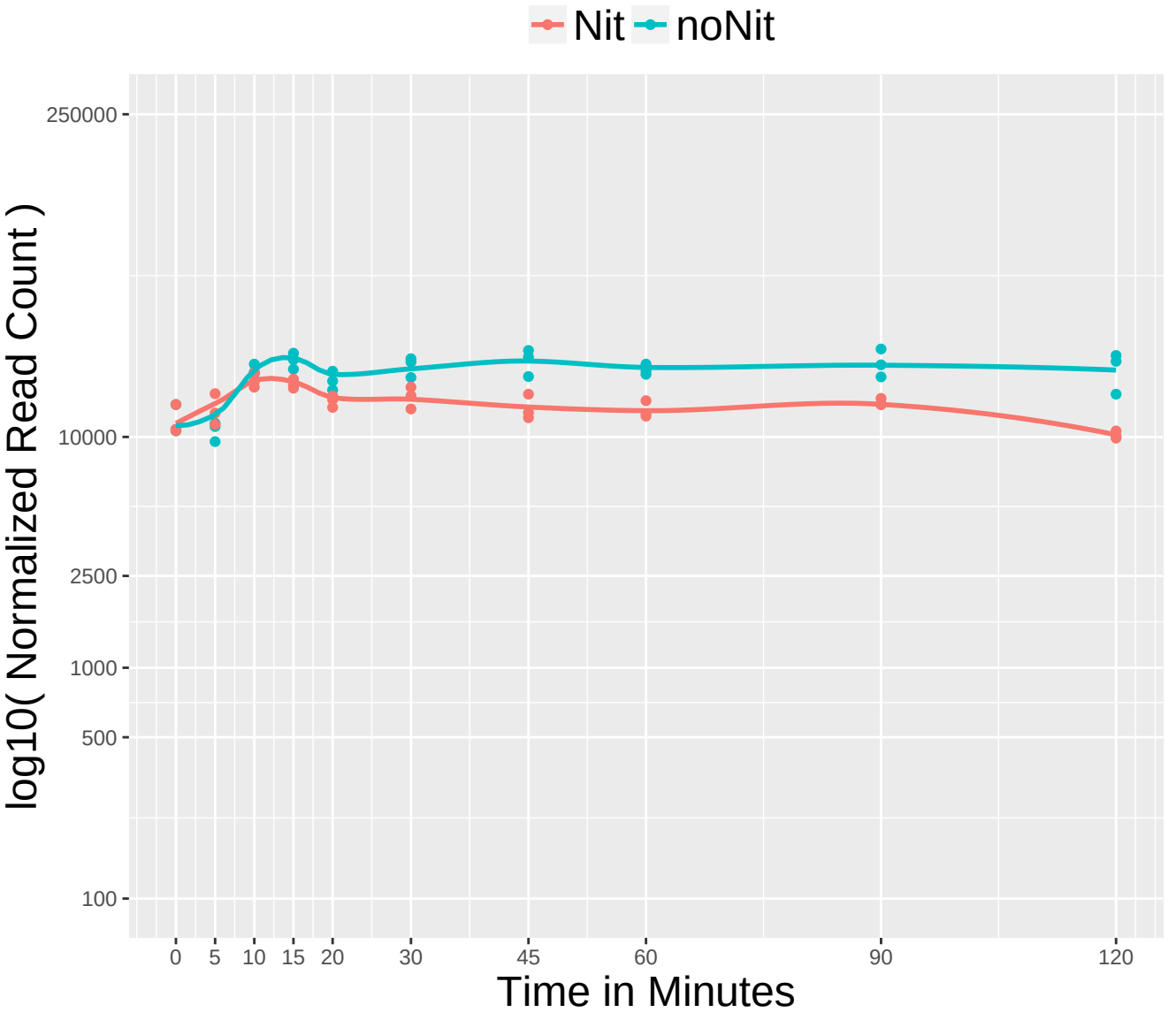
6−phosphogluconate



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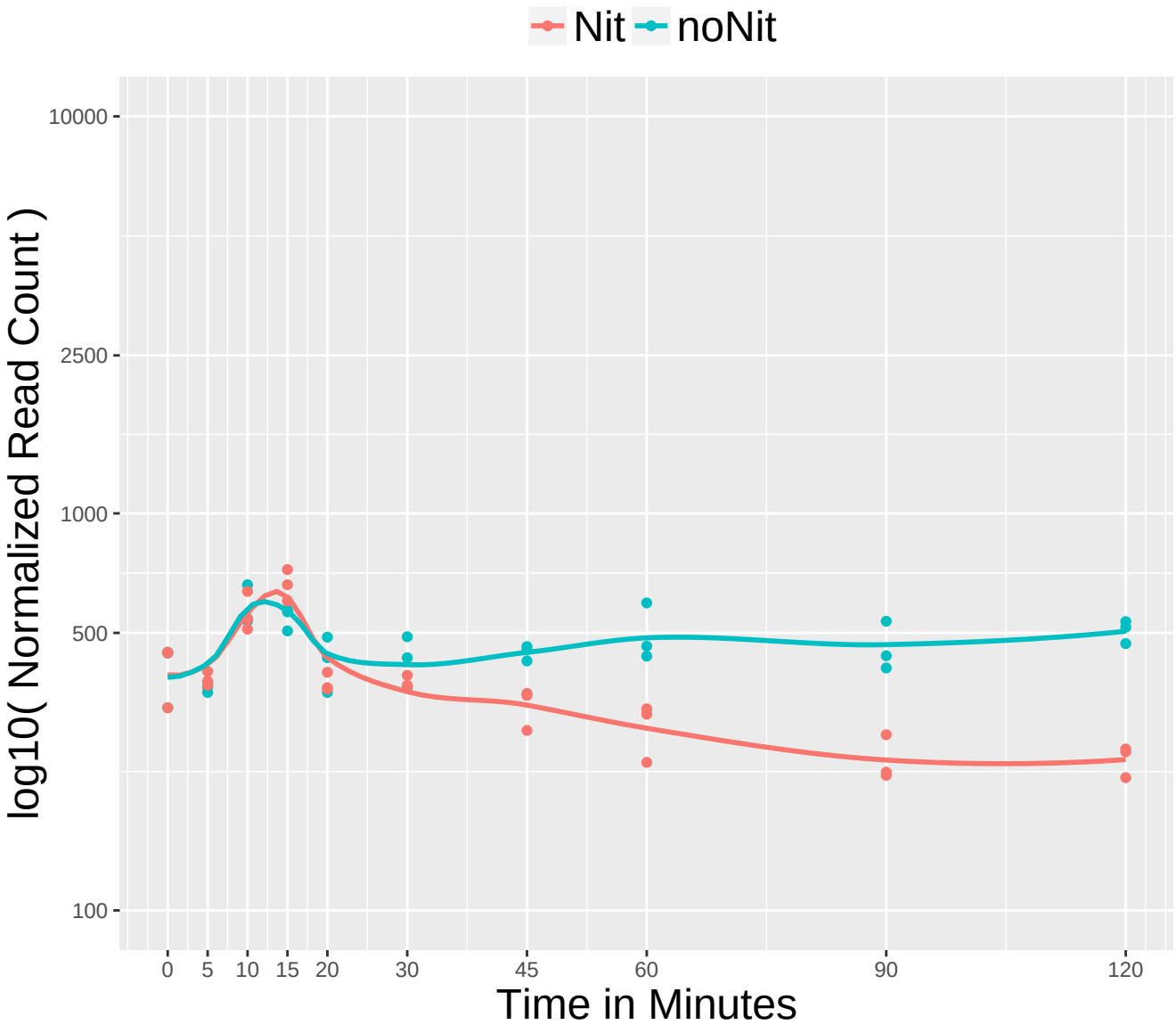
PNT1,PENTA



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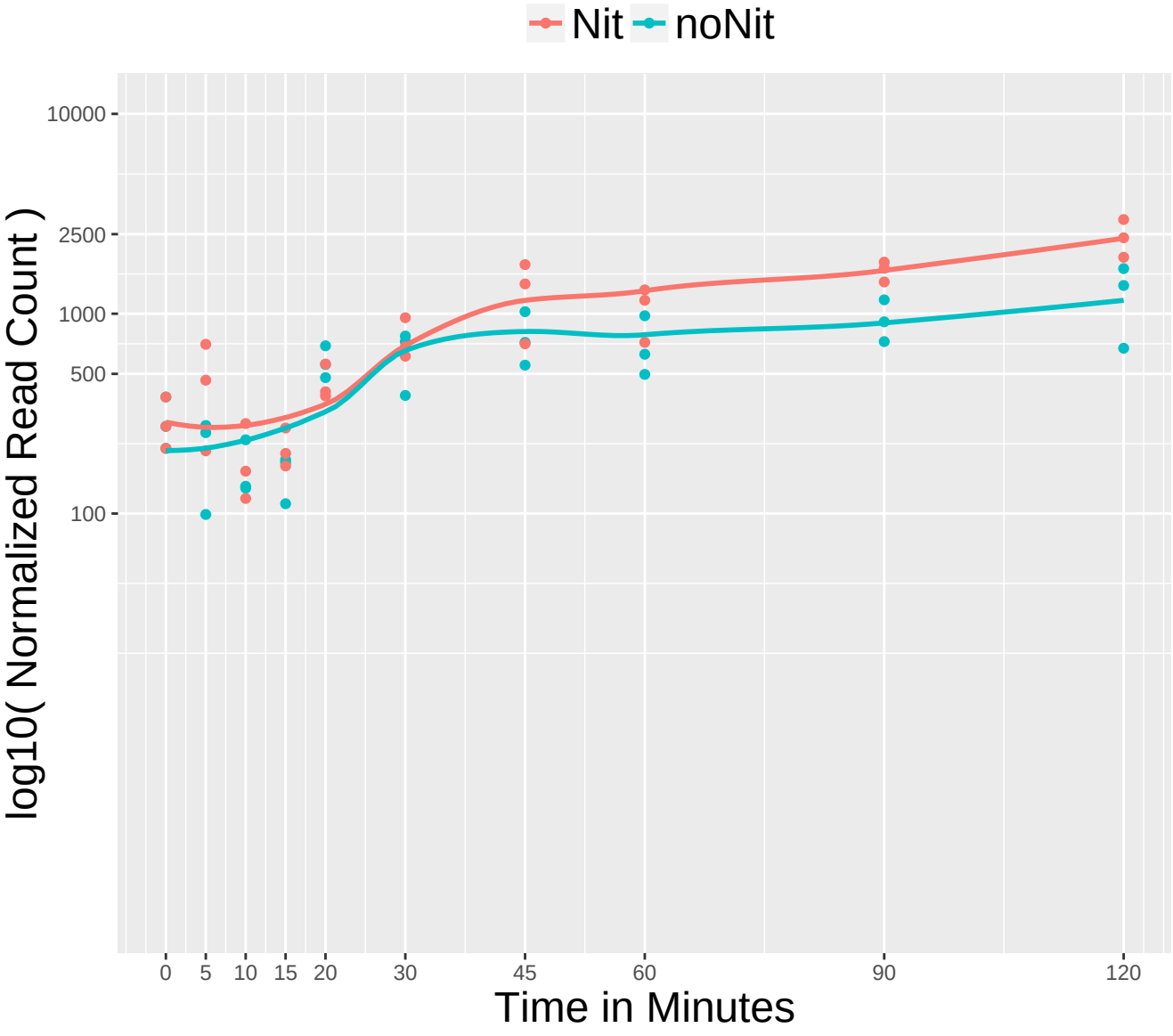

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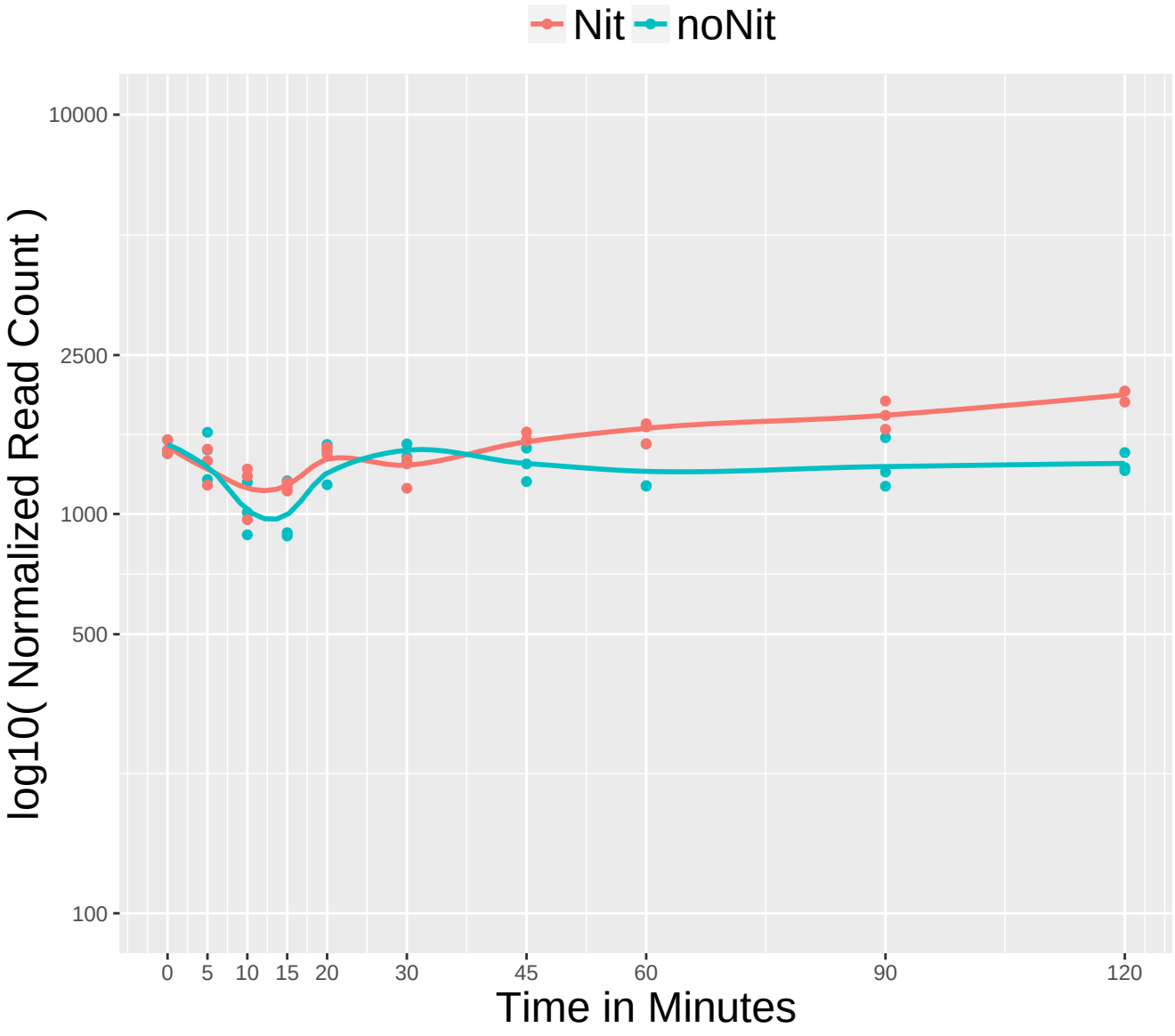

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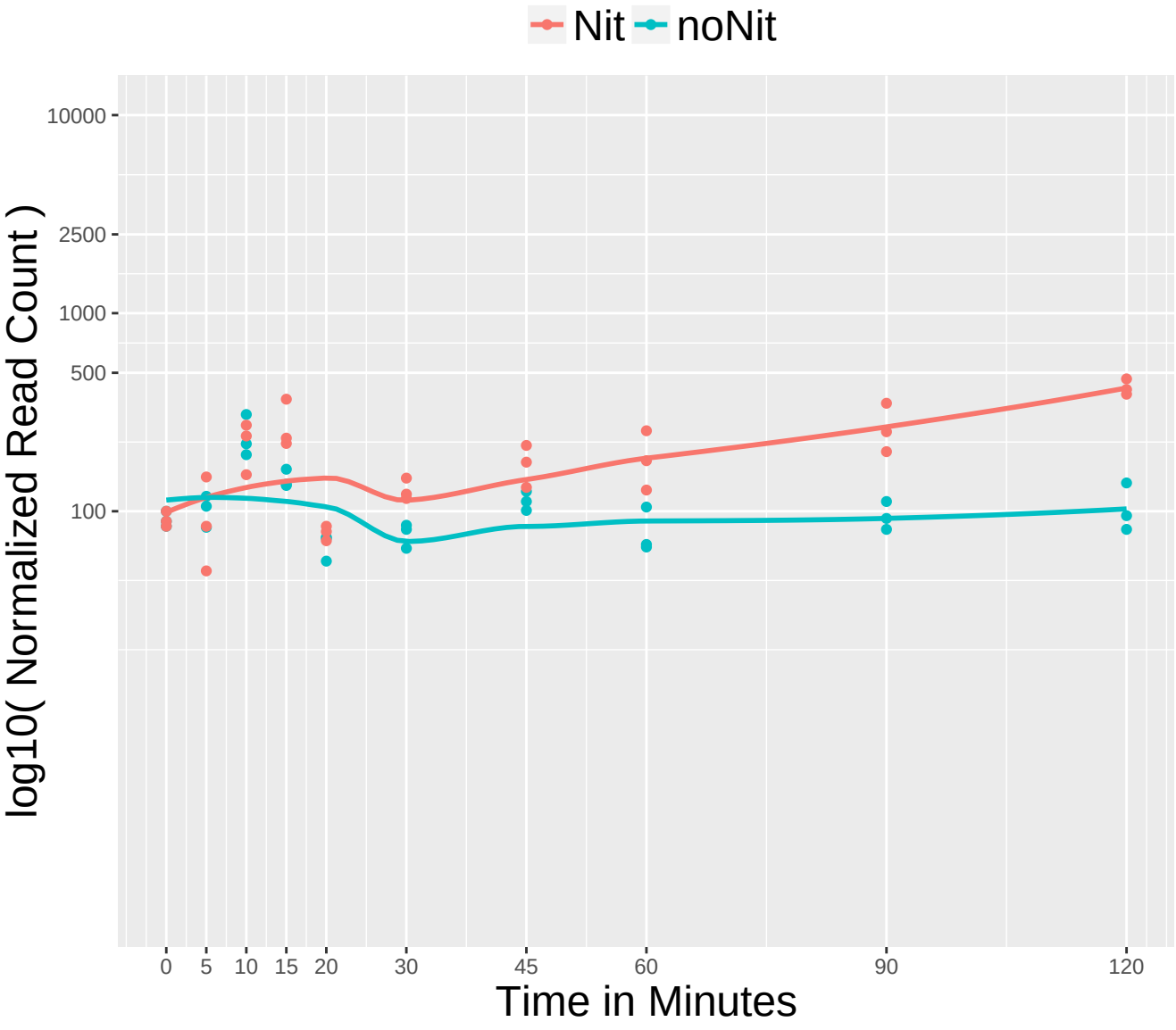

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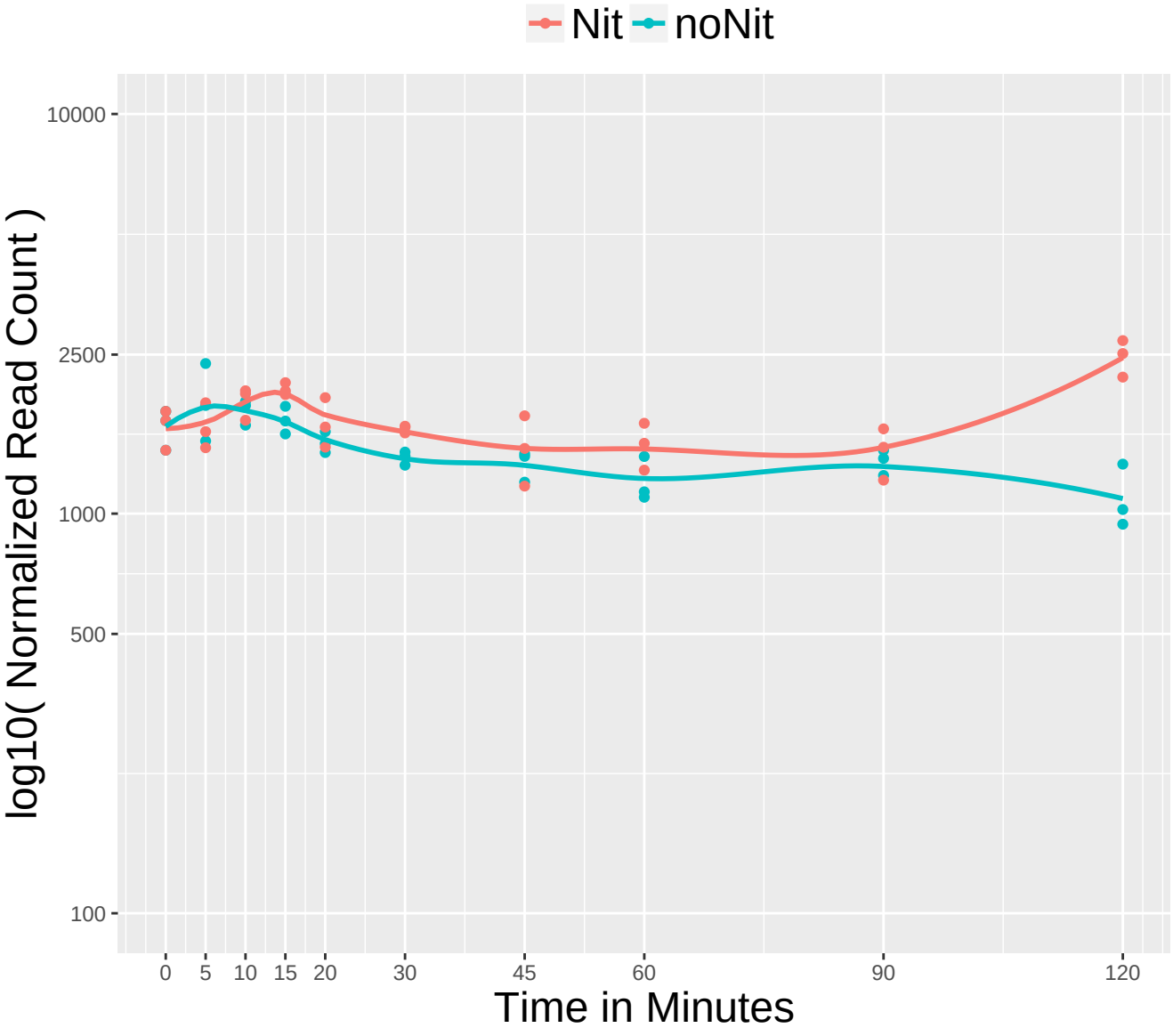
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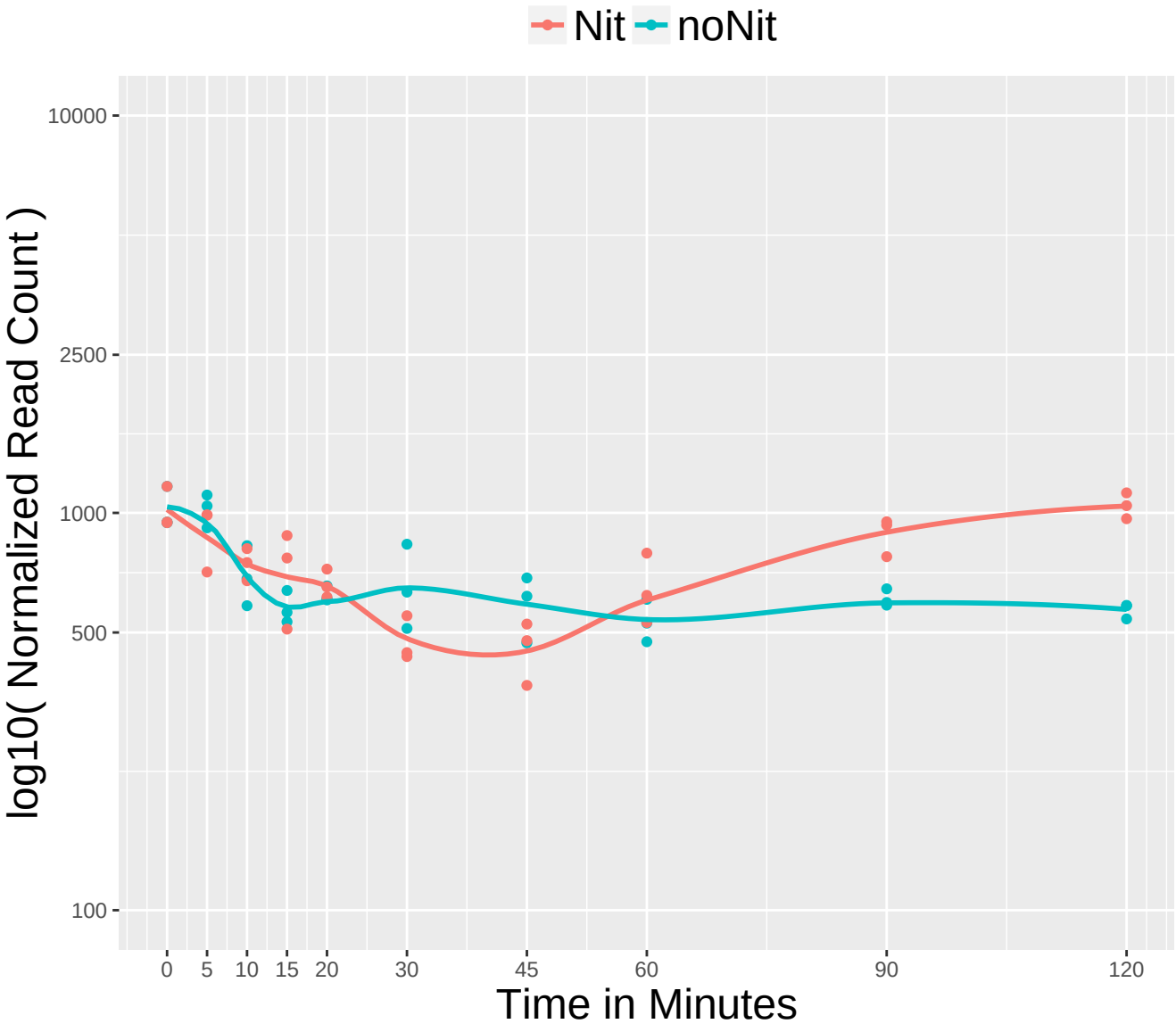
AT3G47640

PYE,POPEYE



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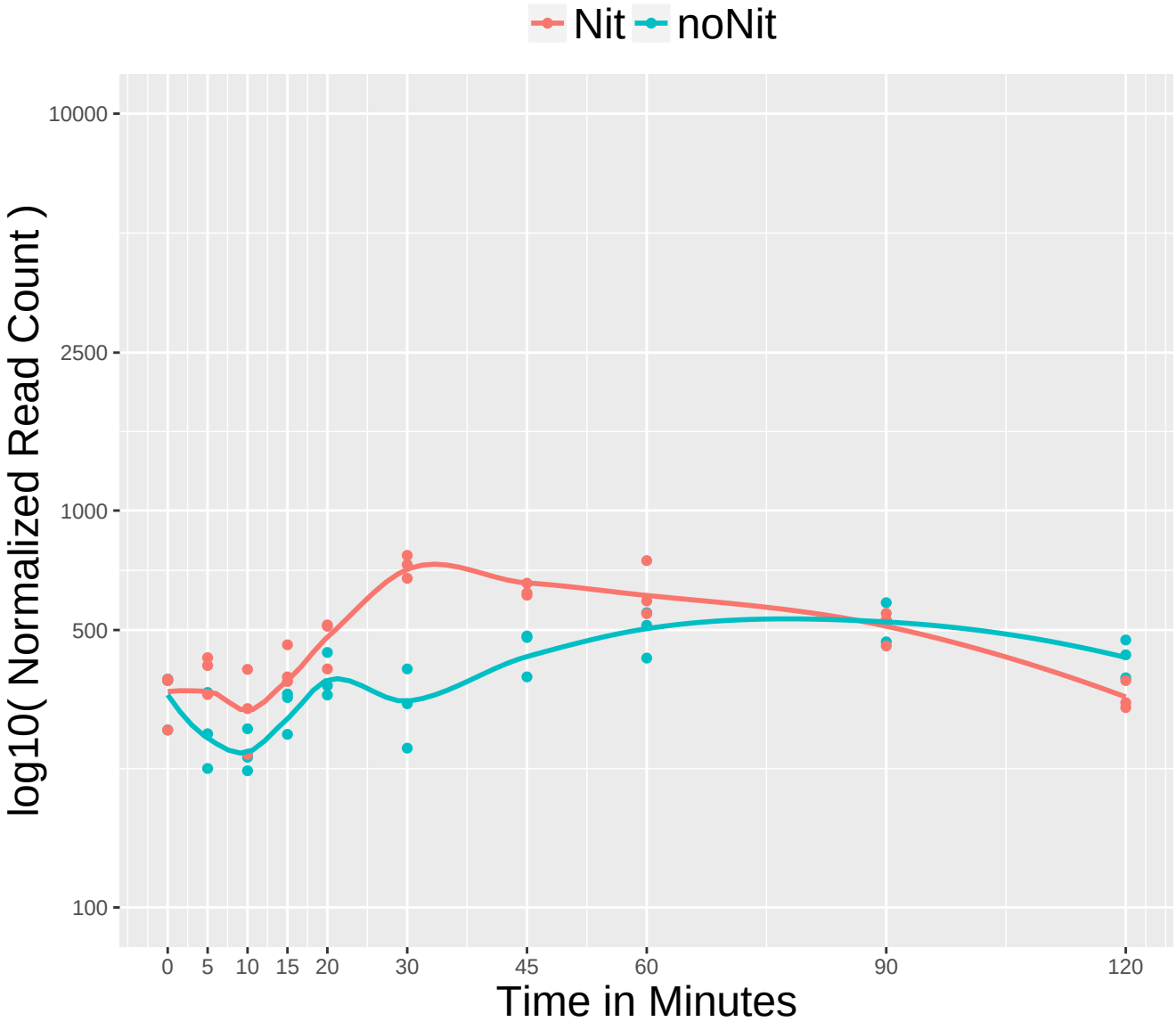
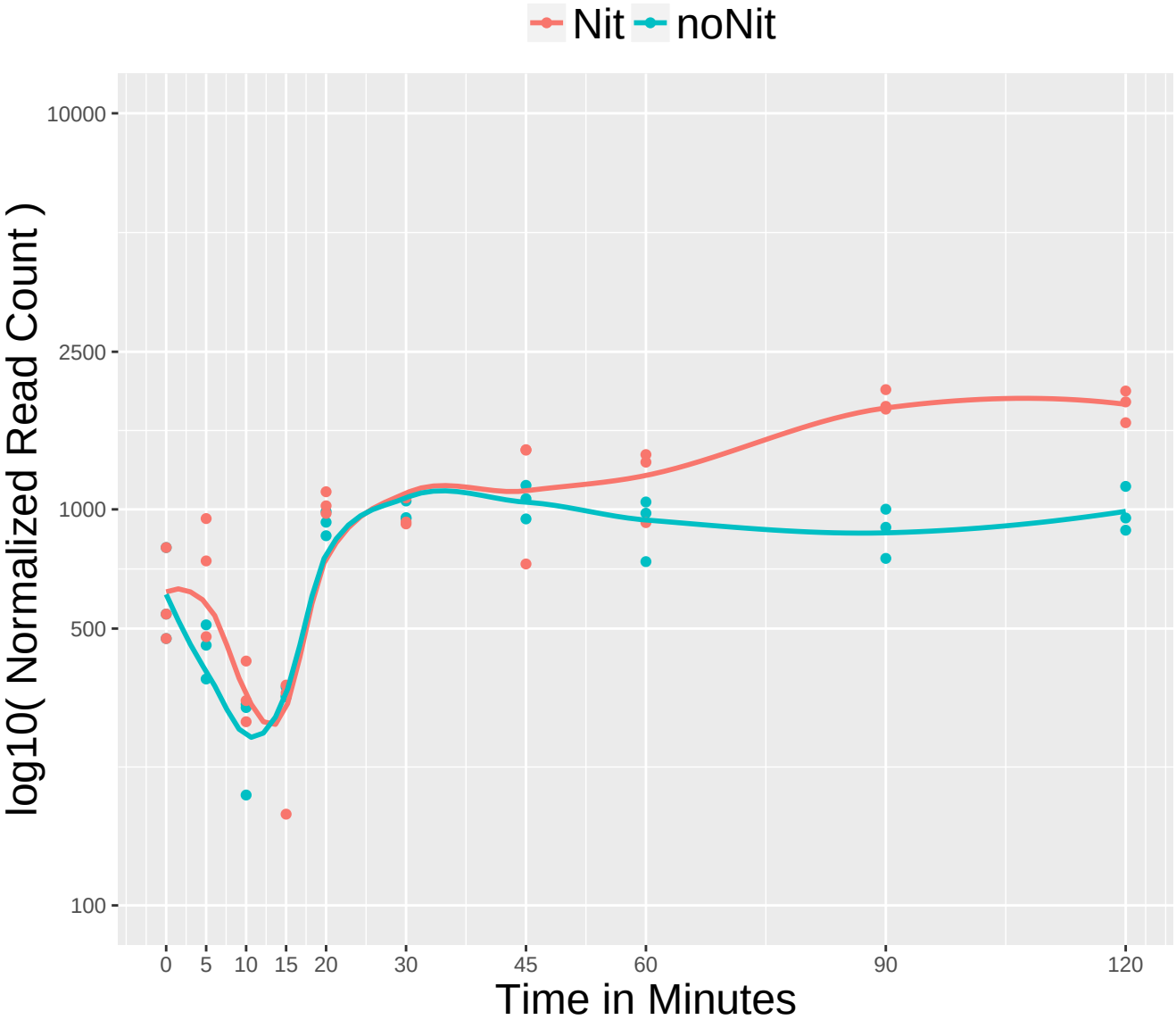


AT3G50010

Cysteine/Histidine−rich



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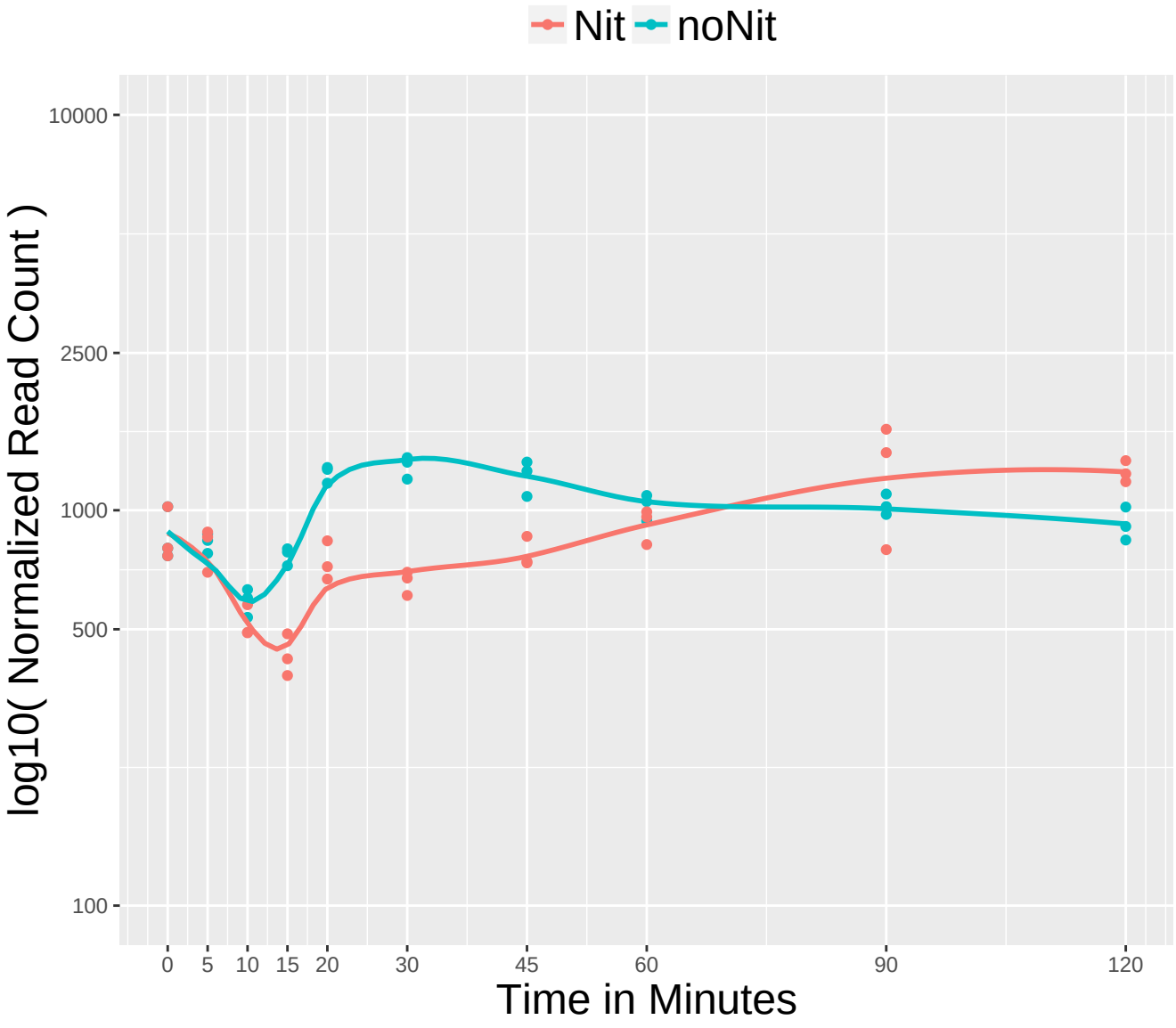
HXXXD−type



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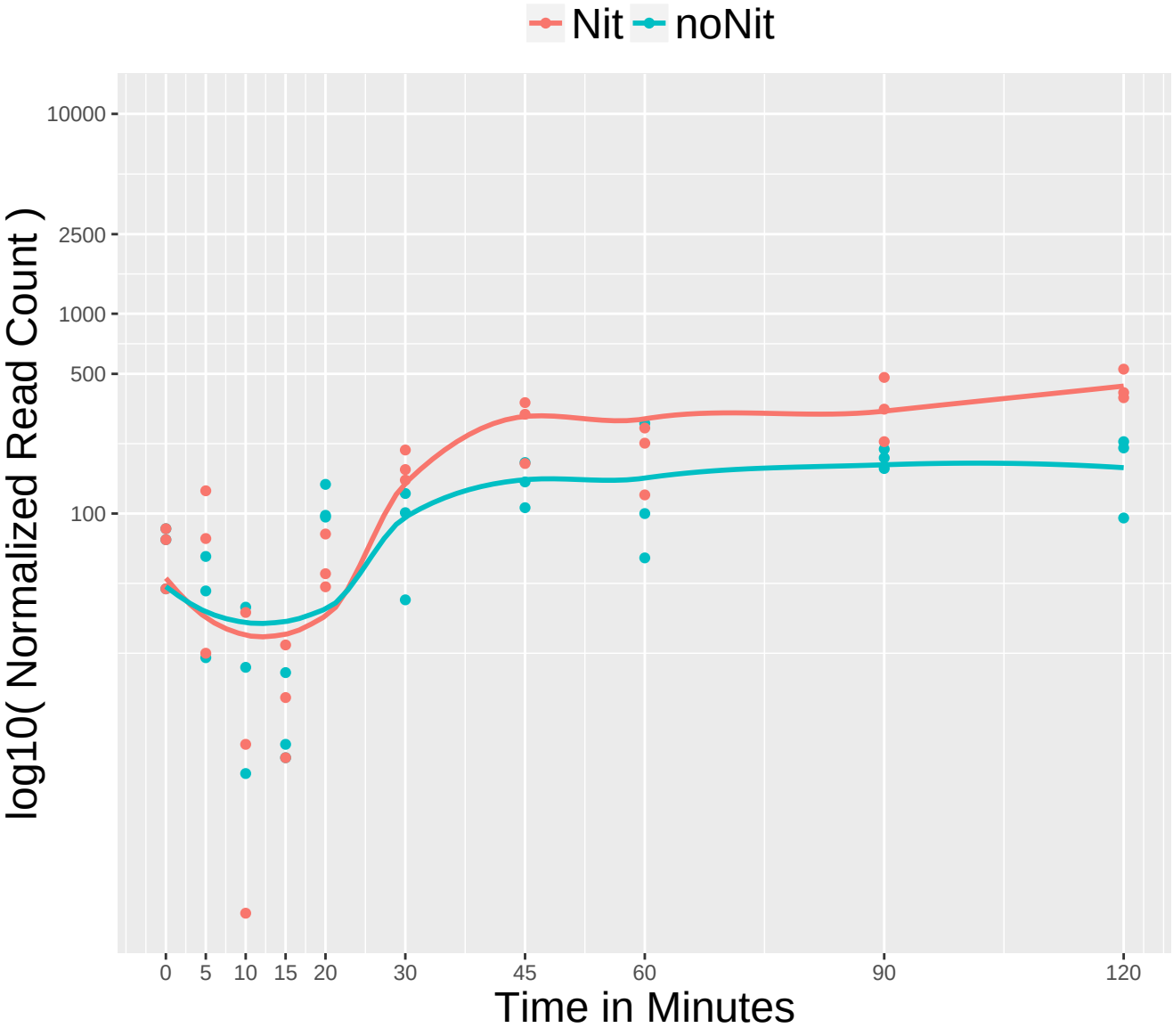
TRAF−like



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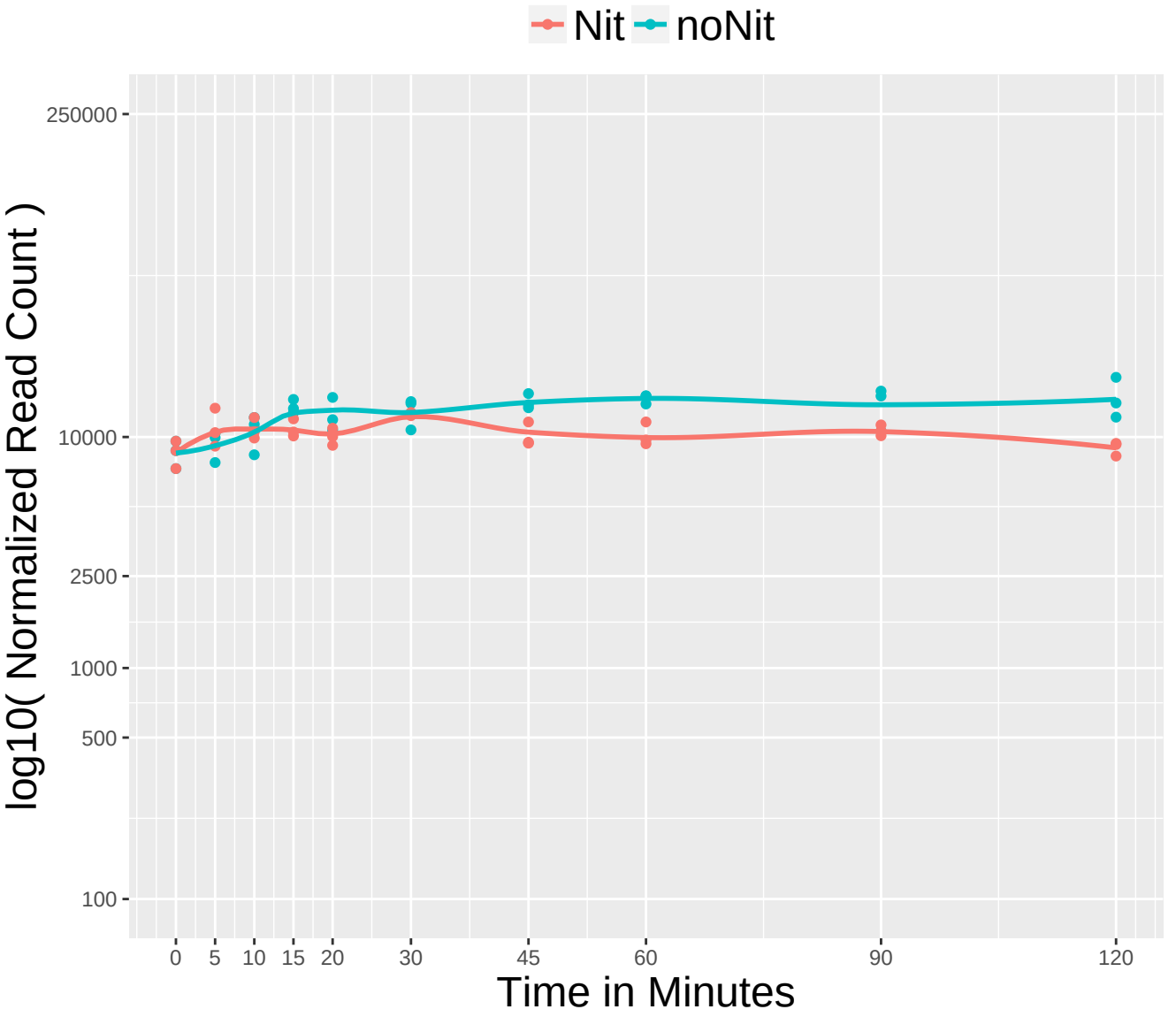

AT5G13400

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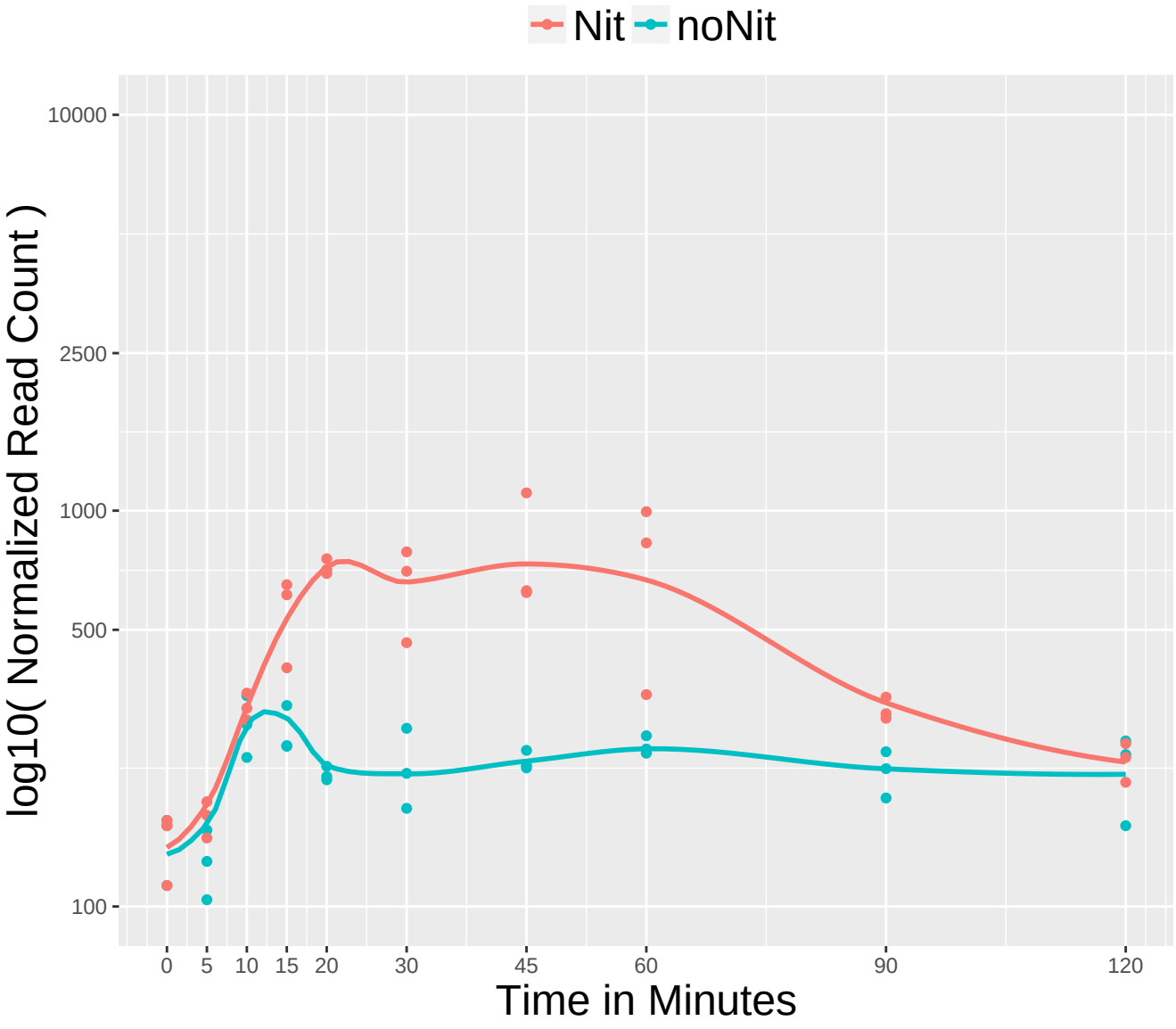

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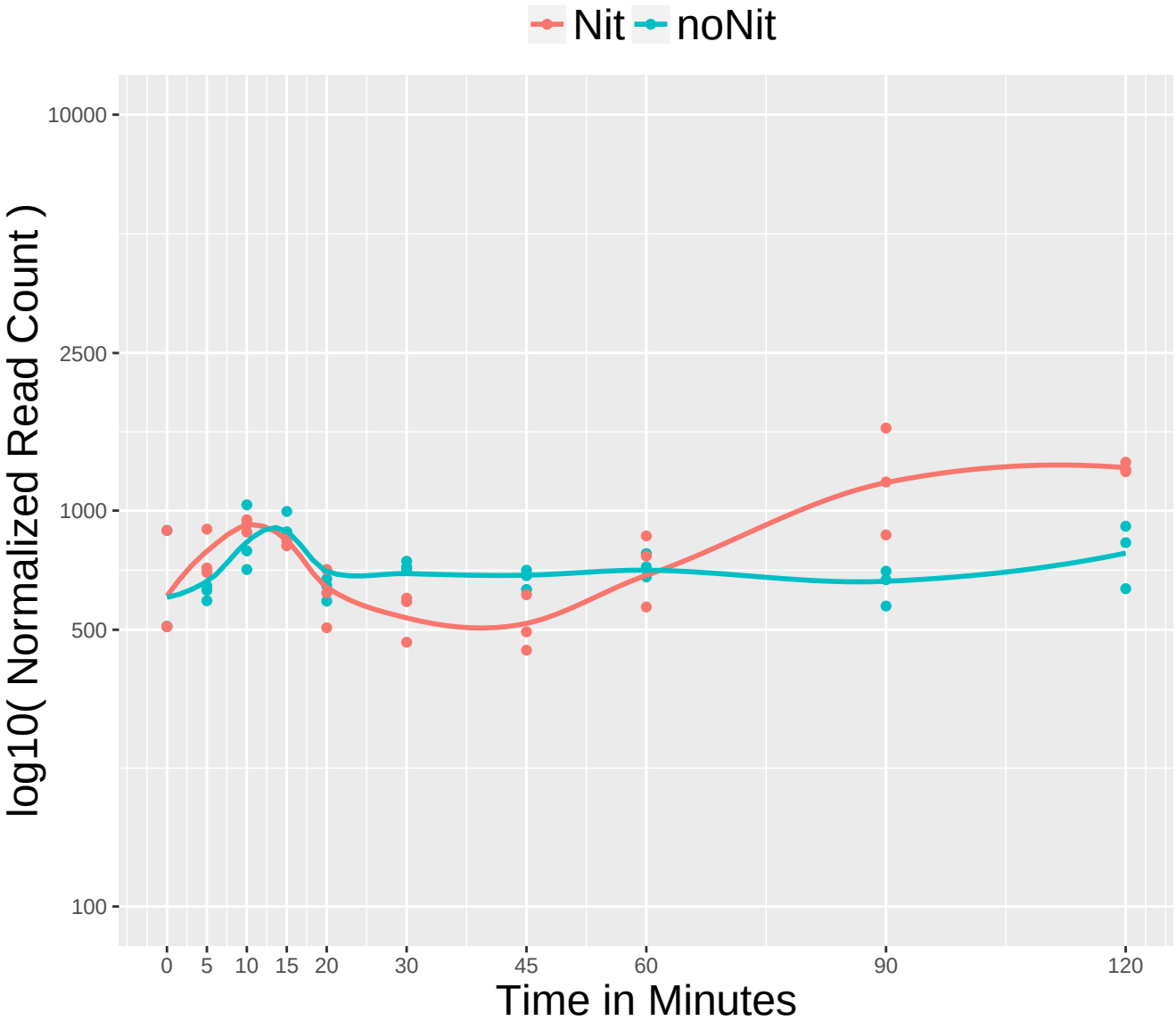
P−loop



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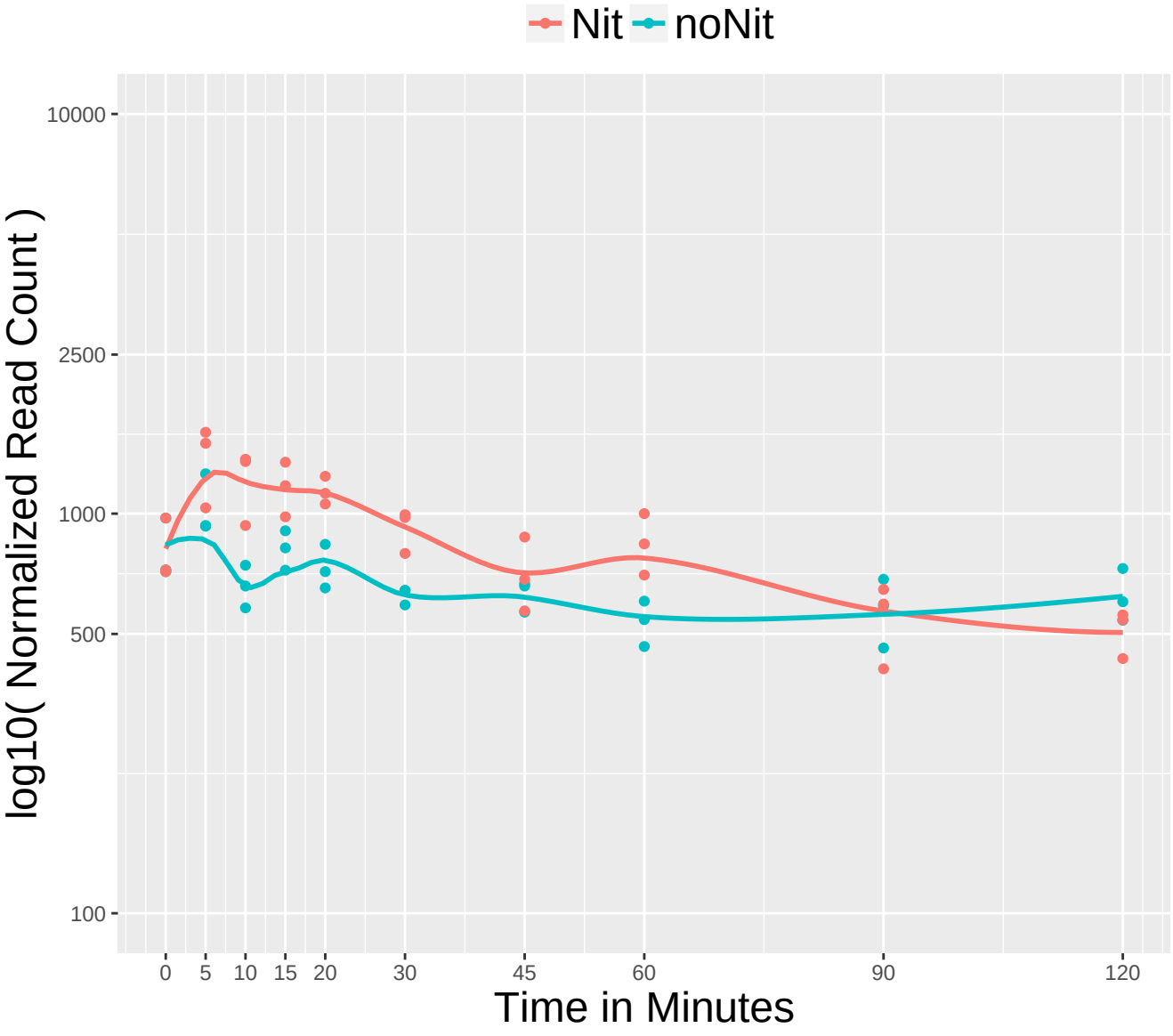
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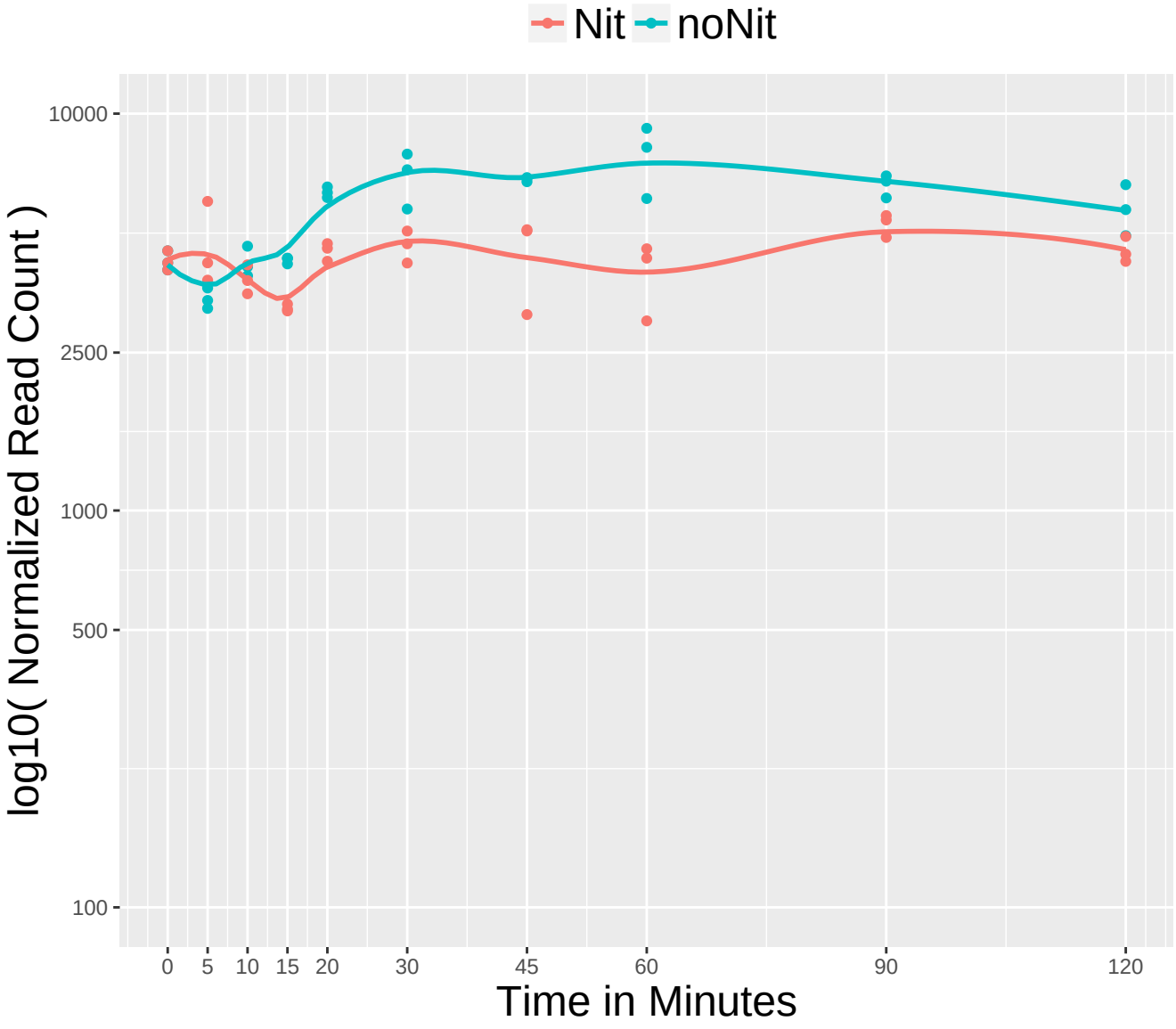
AT5G65700

BAM1,BARELY



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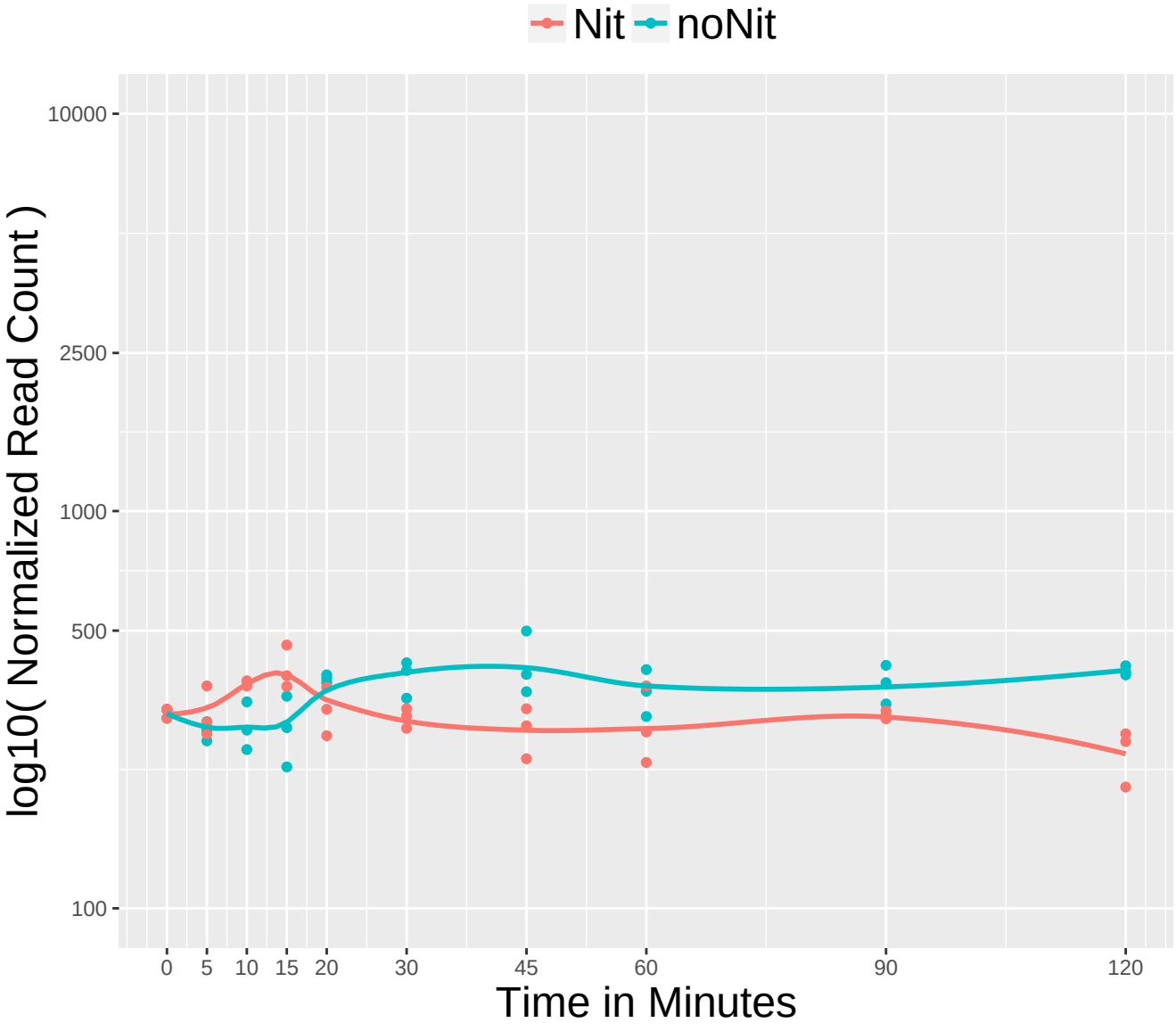

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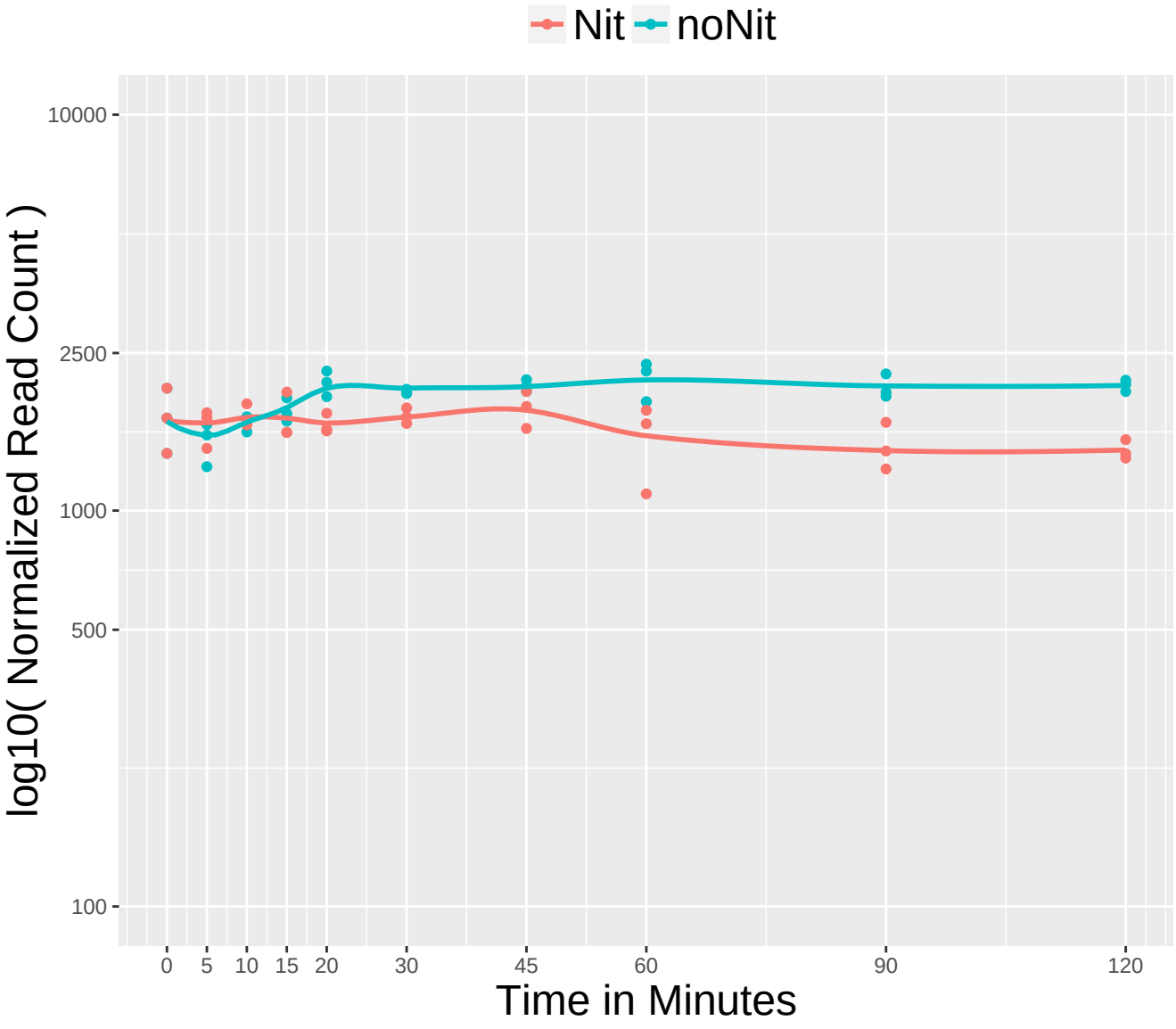

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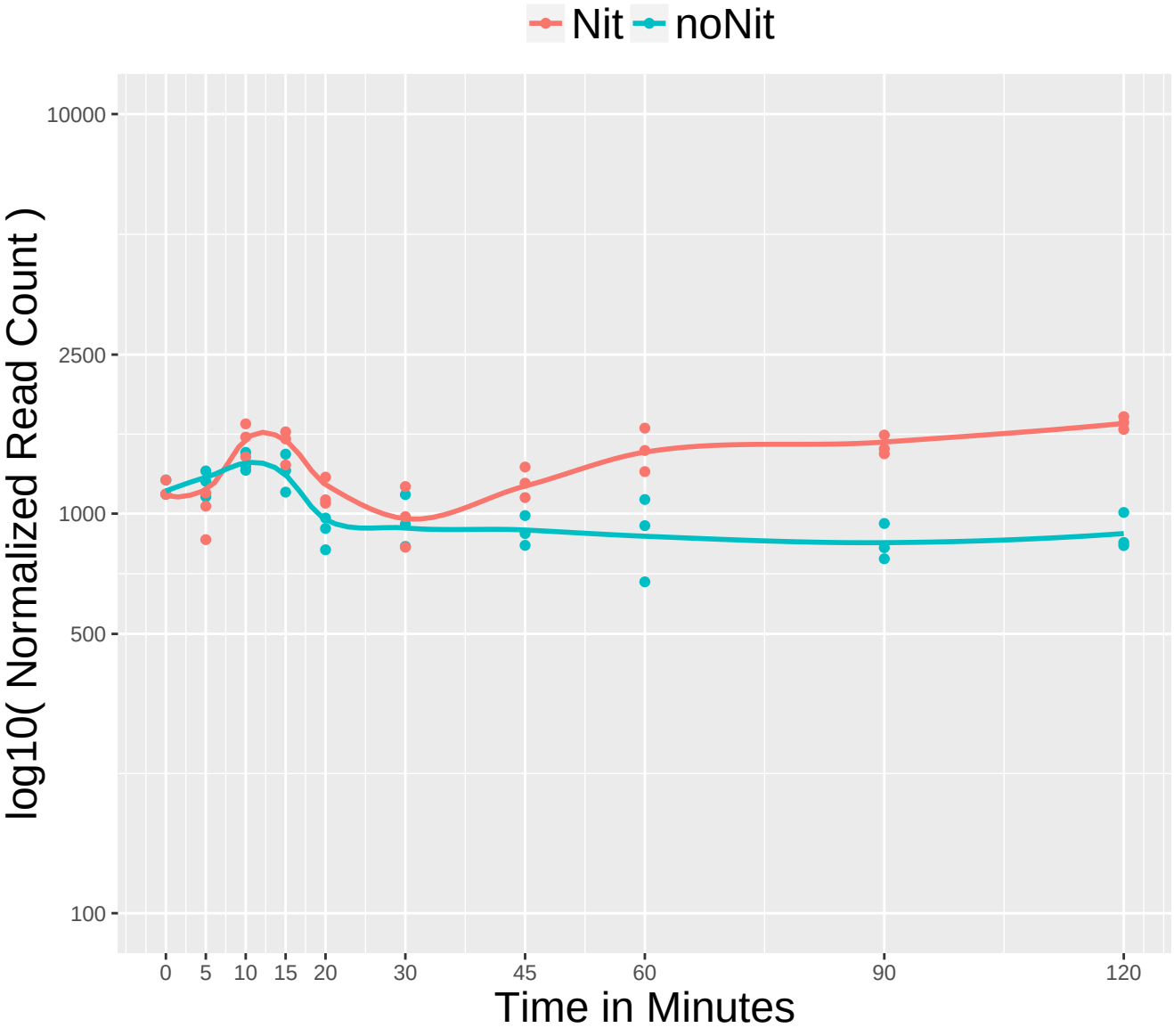
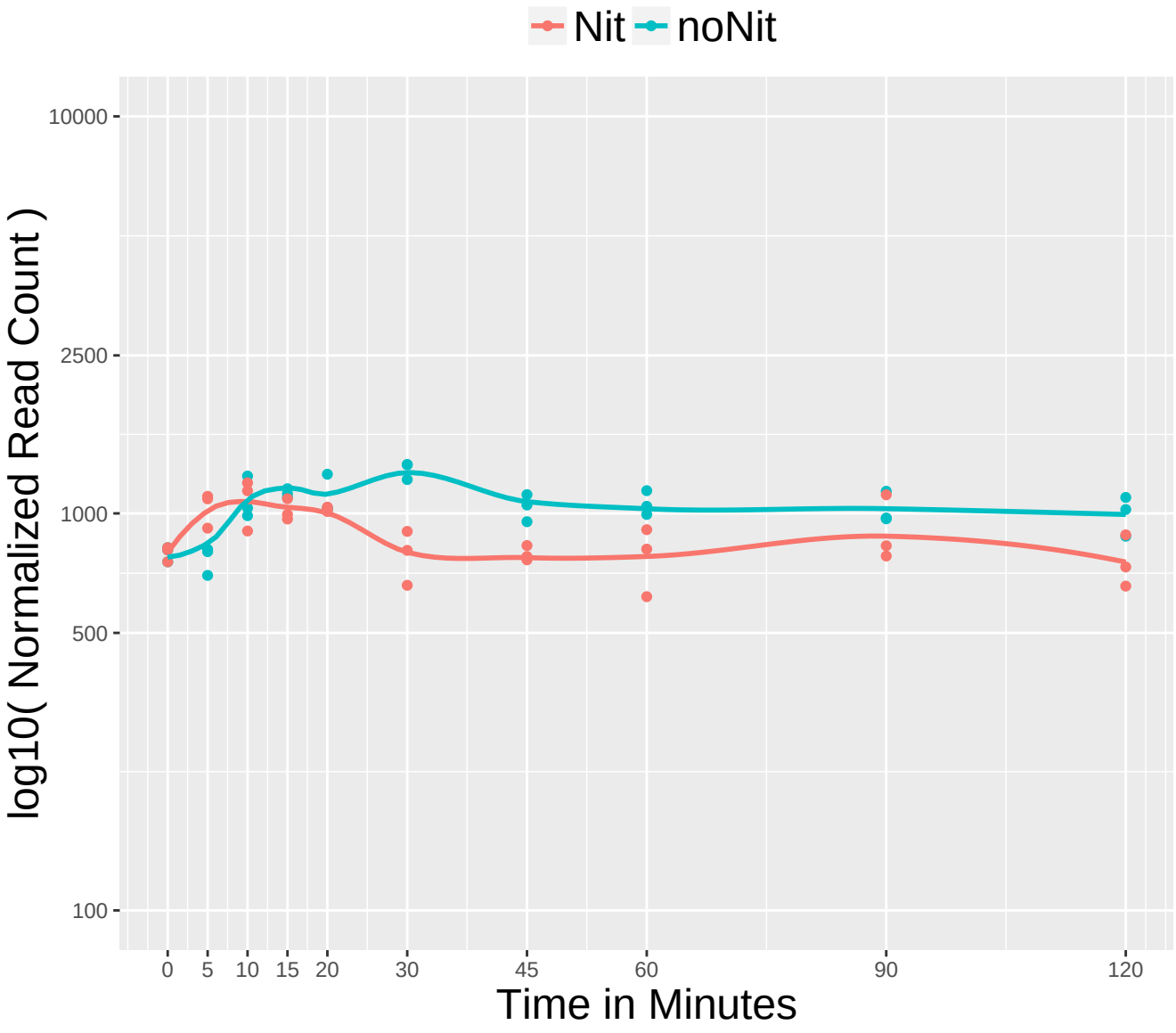
Transducin/WD40



AT3G01220

ATHB20,homeobox



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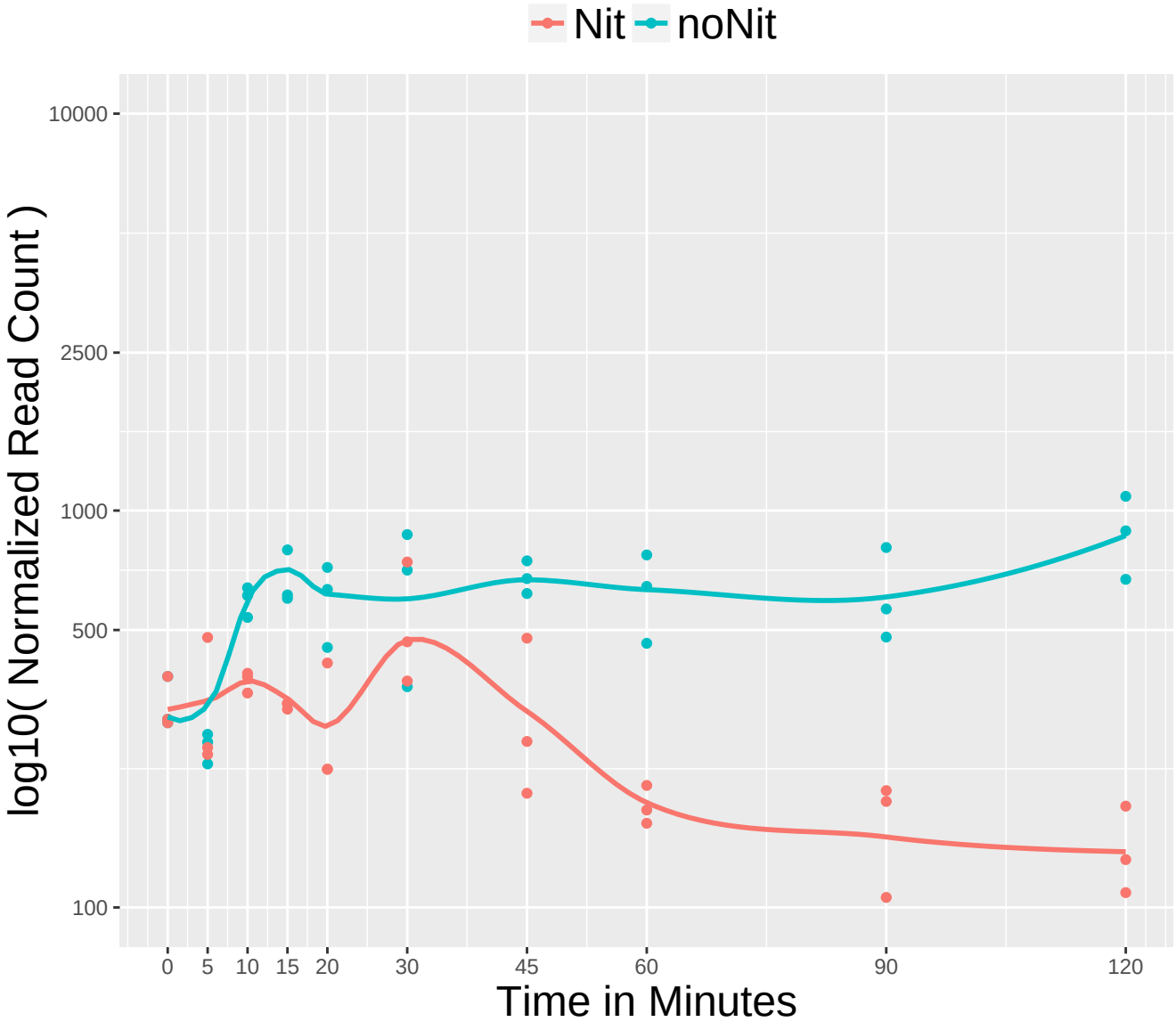
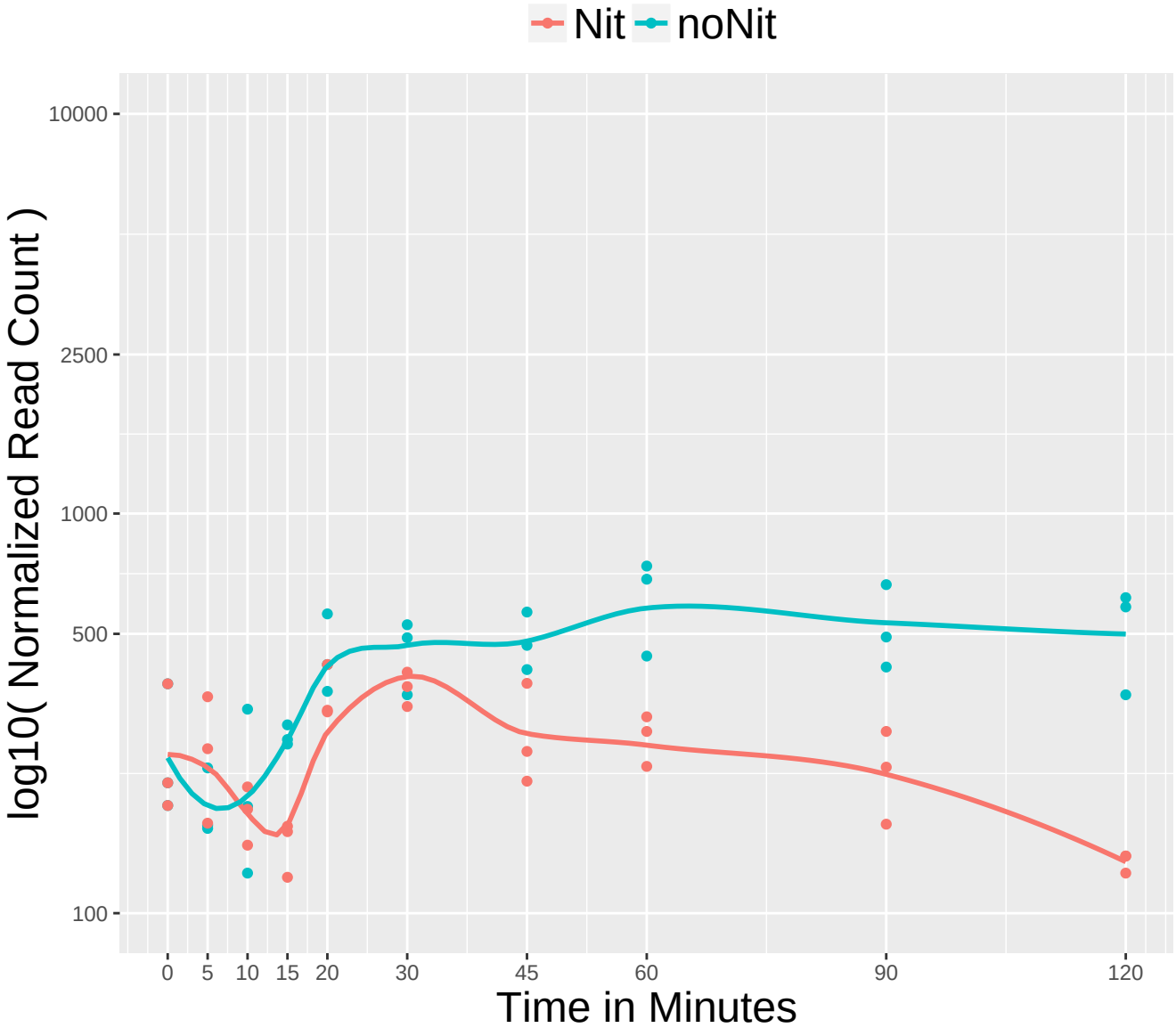


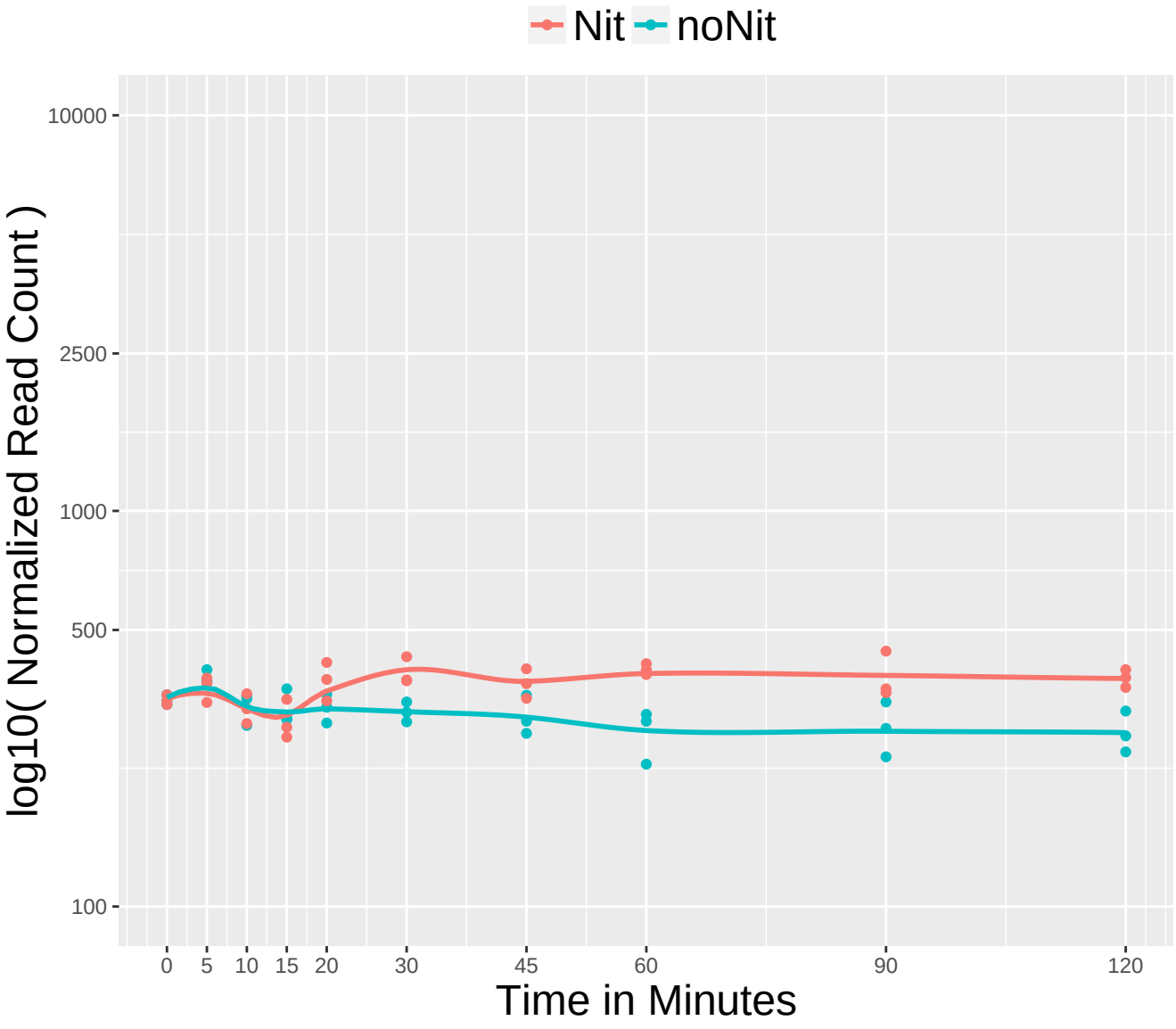
AT3G47110

Leucine−rich



AT4G13400

2−oxoglutarate



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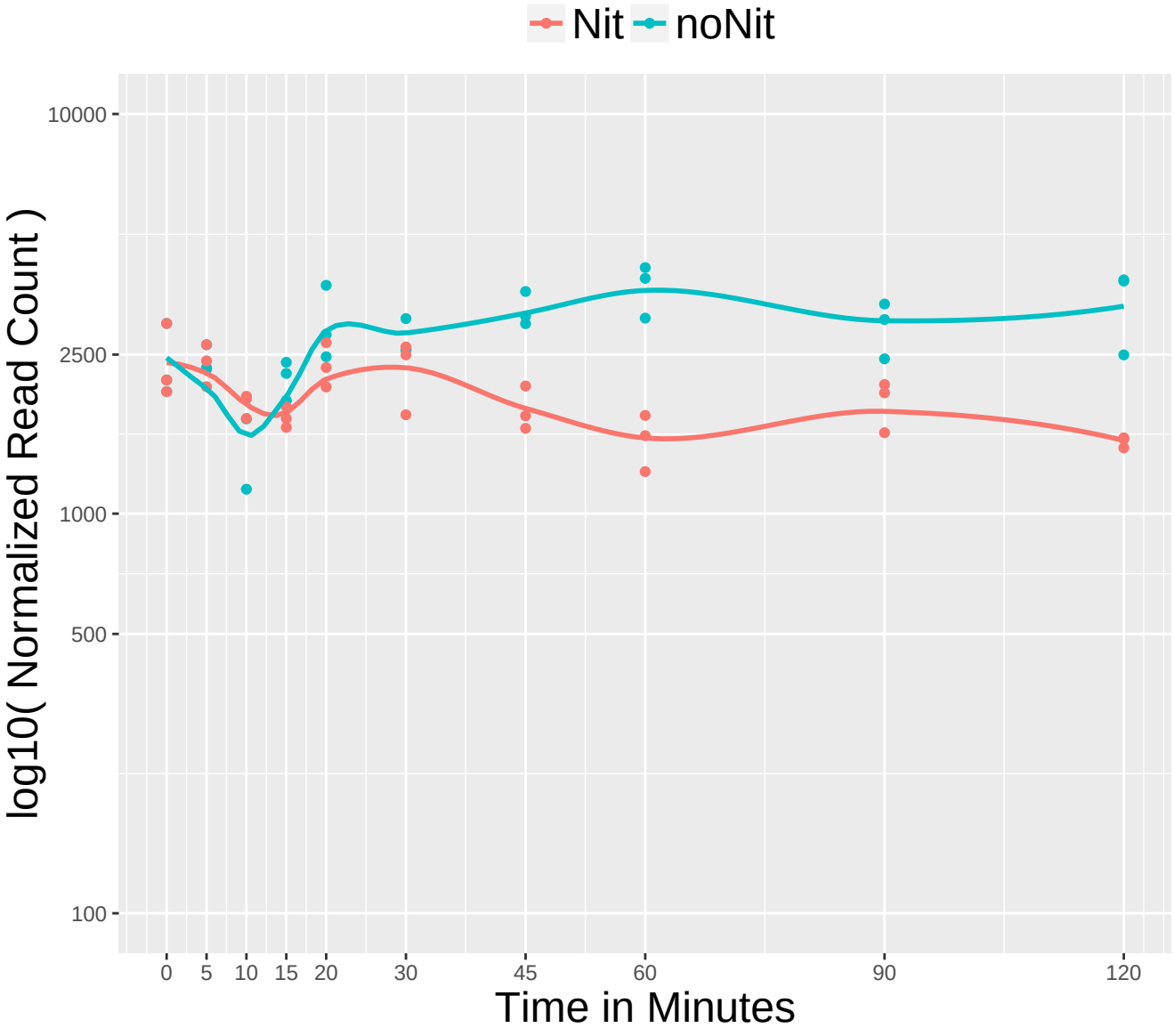
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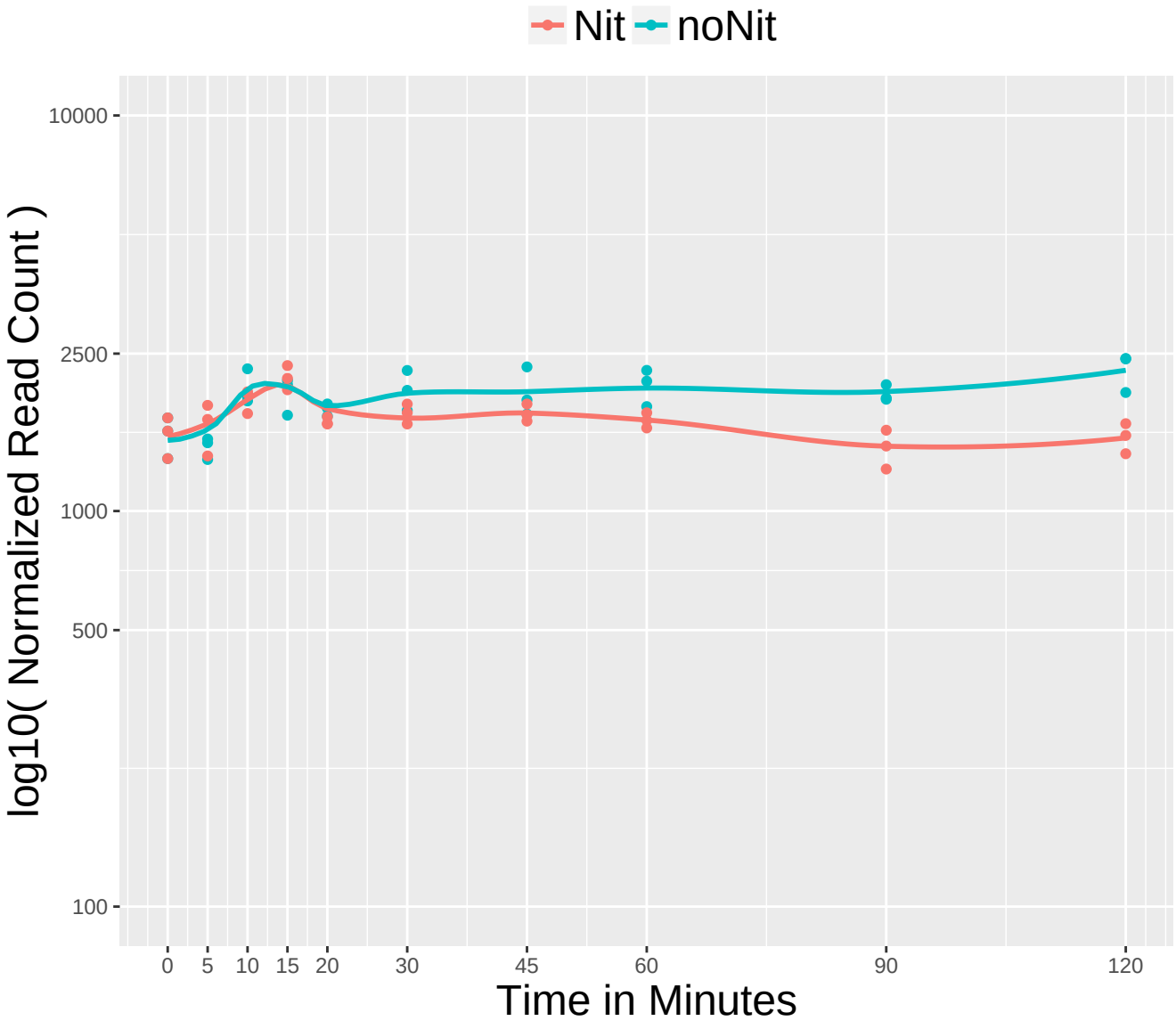
AT4G30810

scpl29,serine



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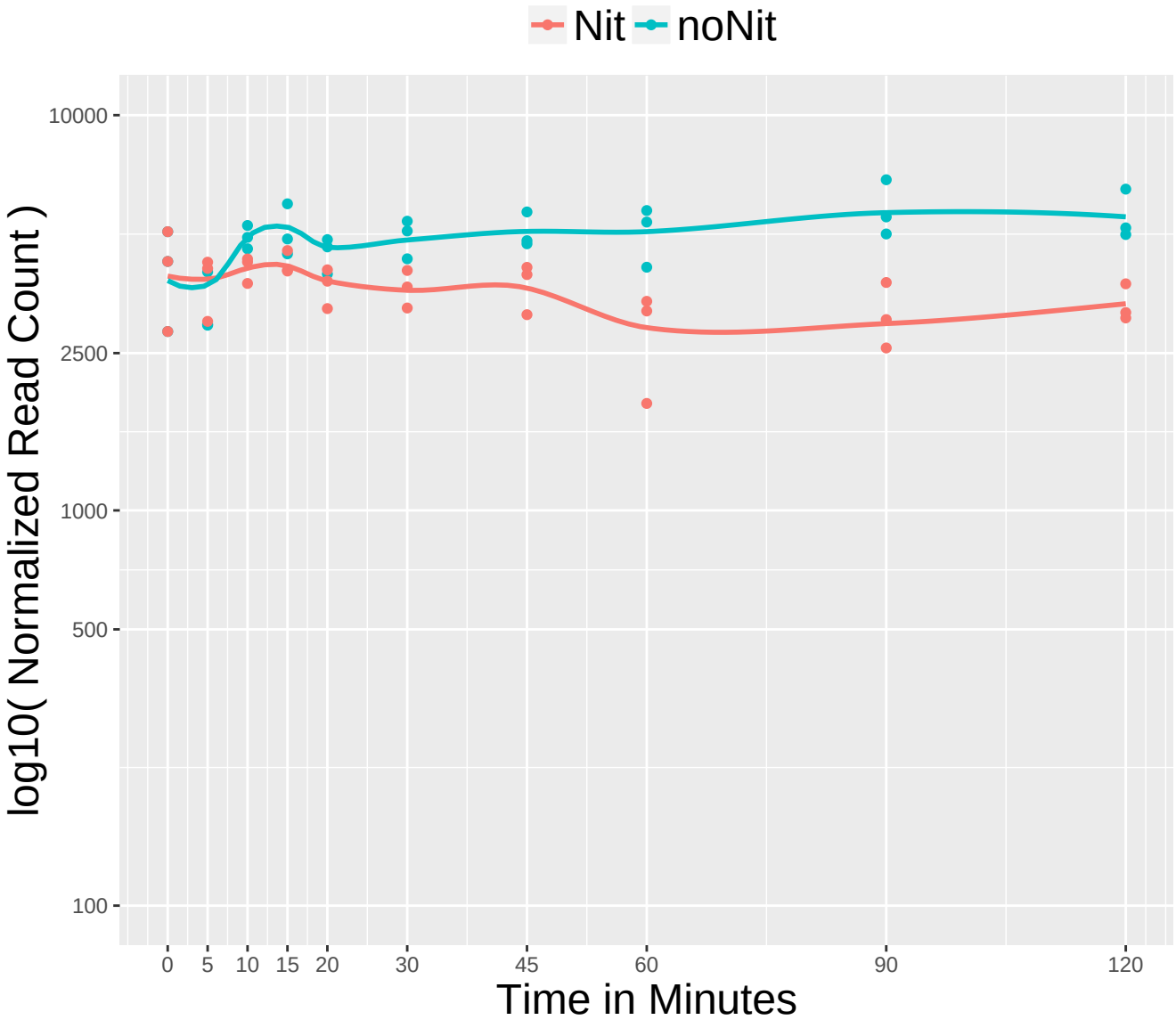
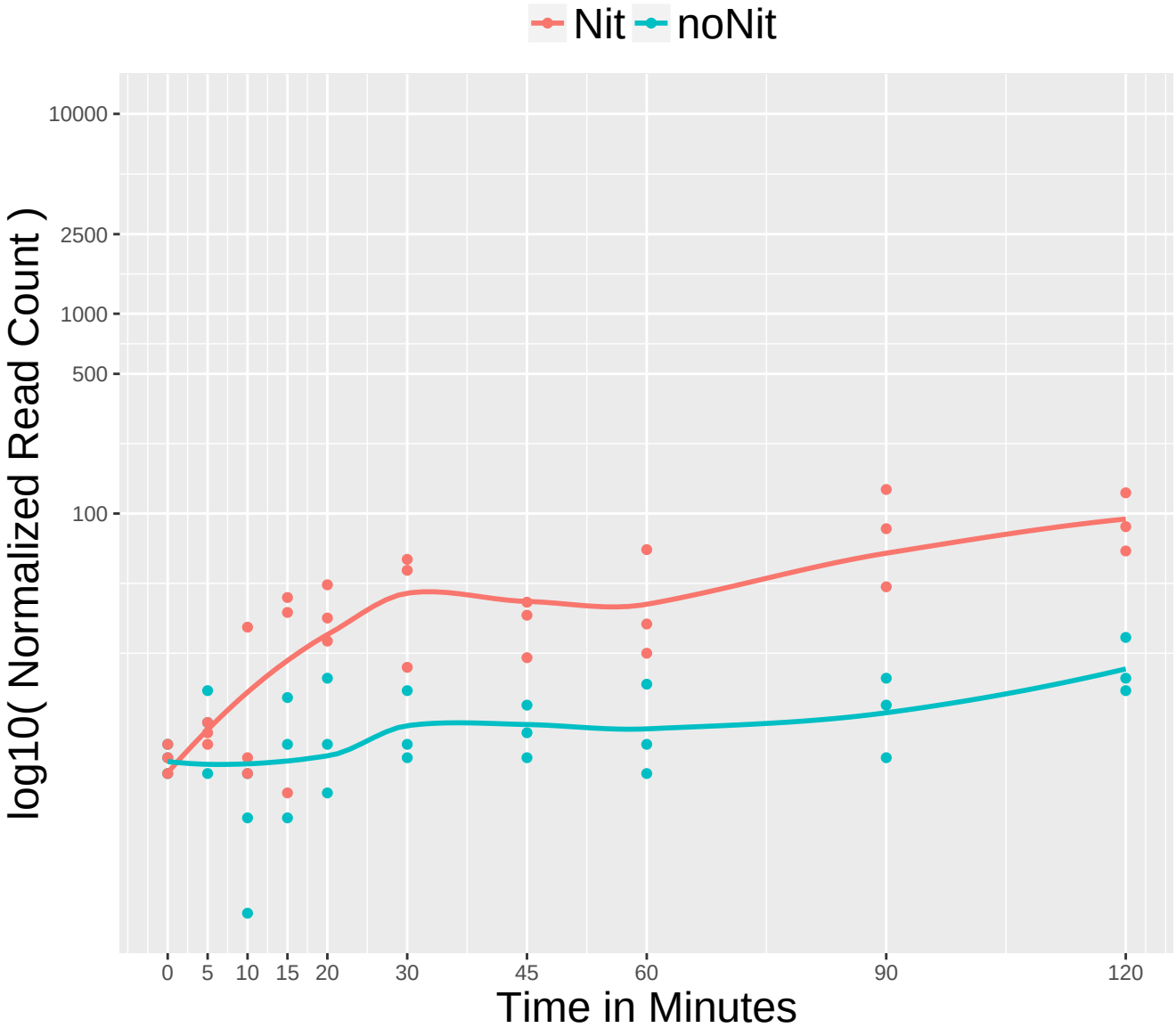


AT4G36820

Protein



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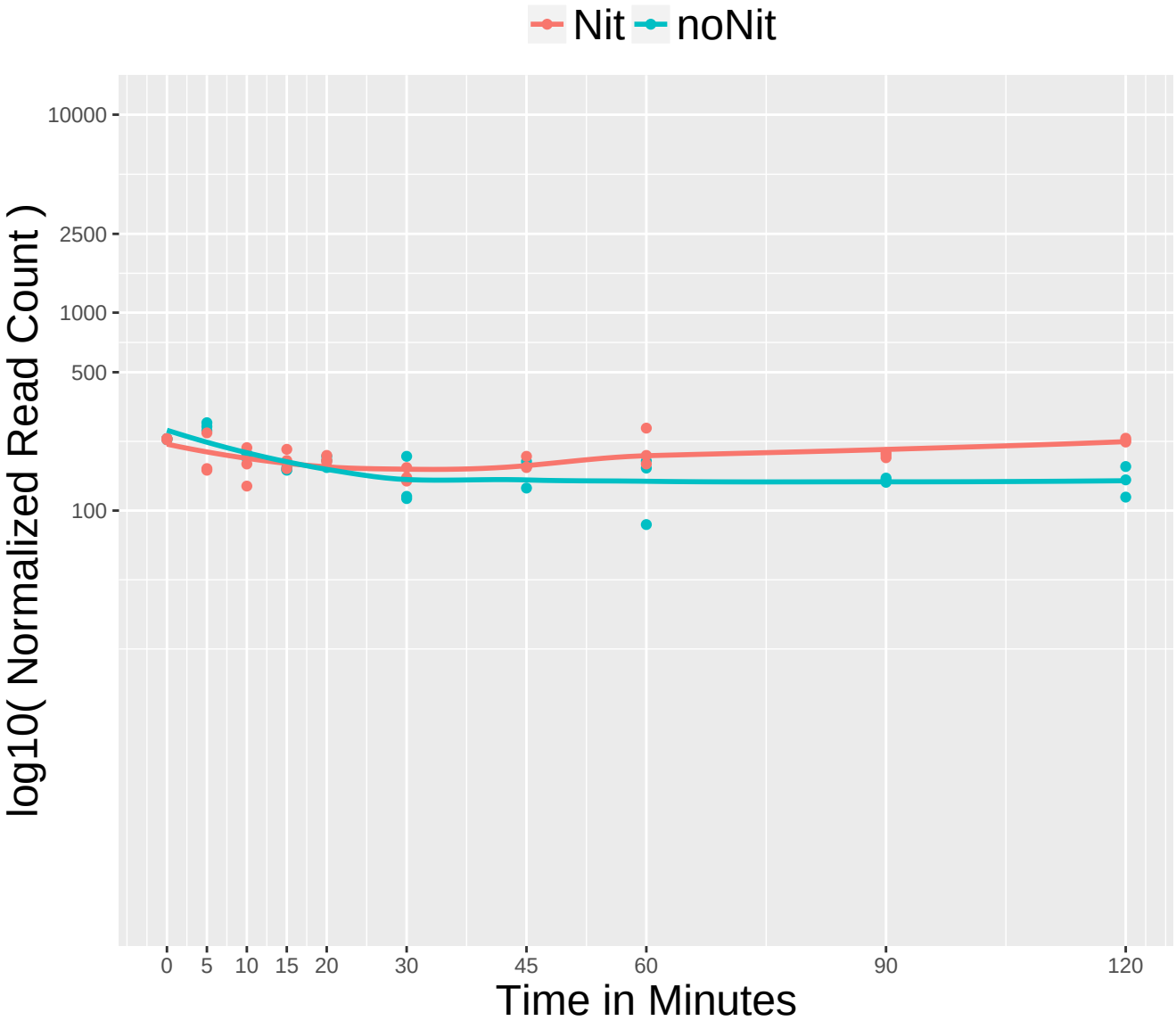
Tetratricopeptide



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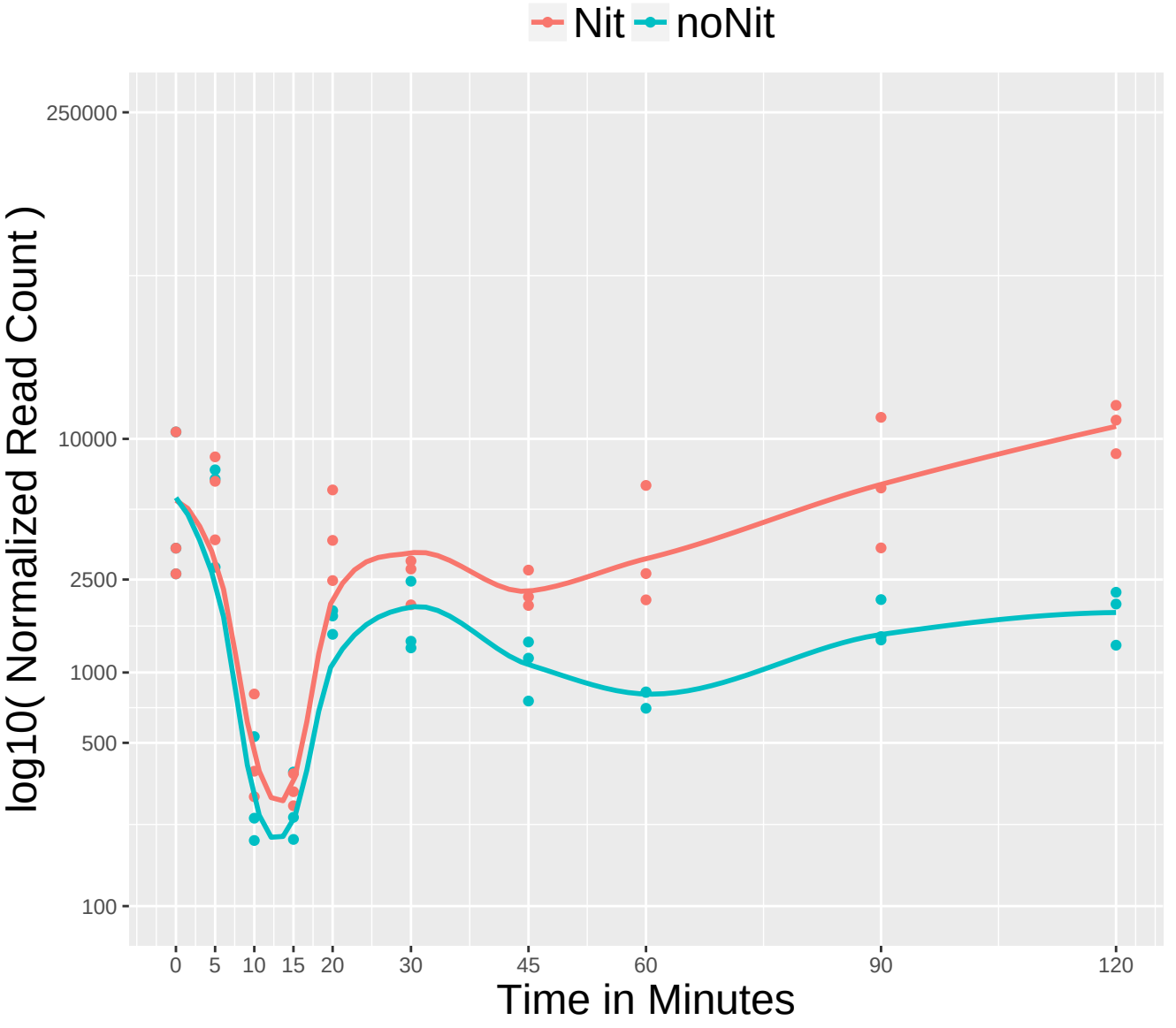
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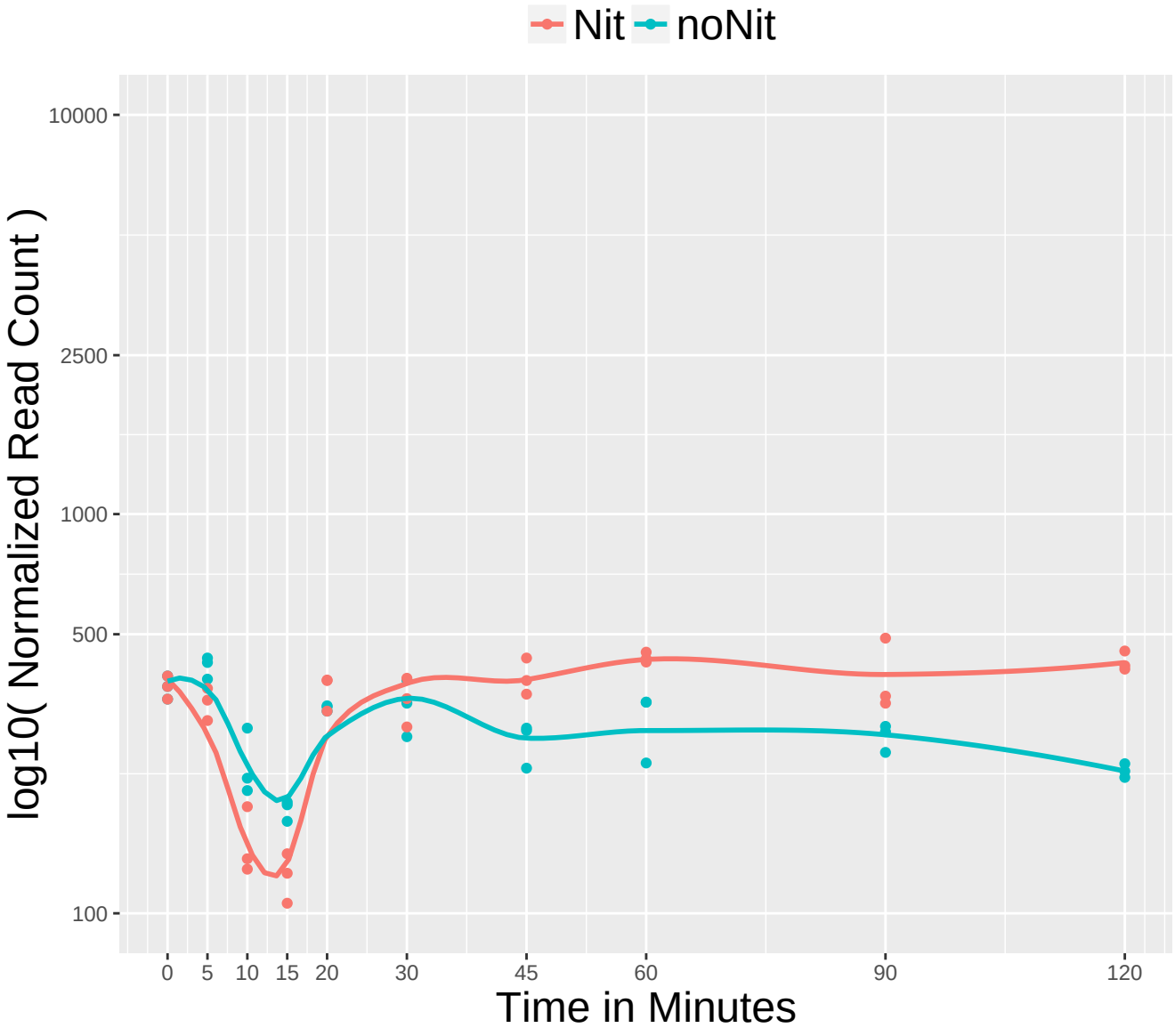
Time in Minutes

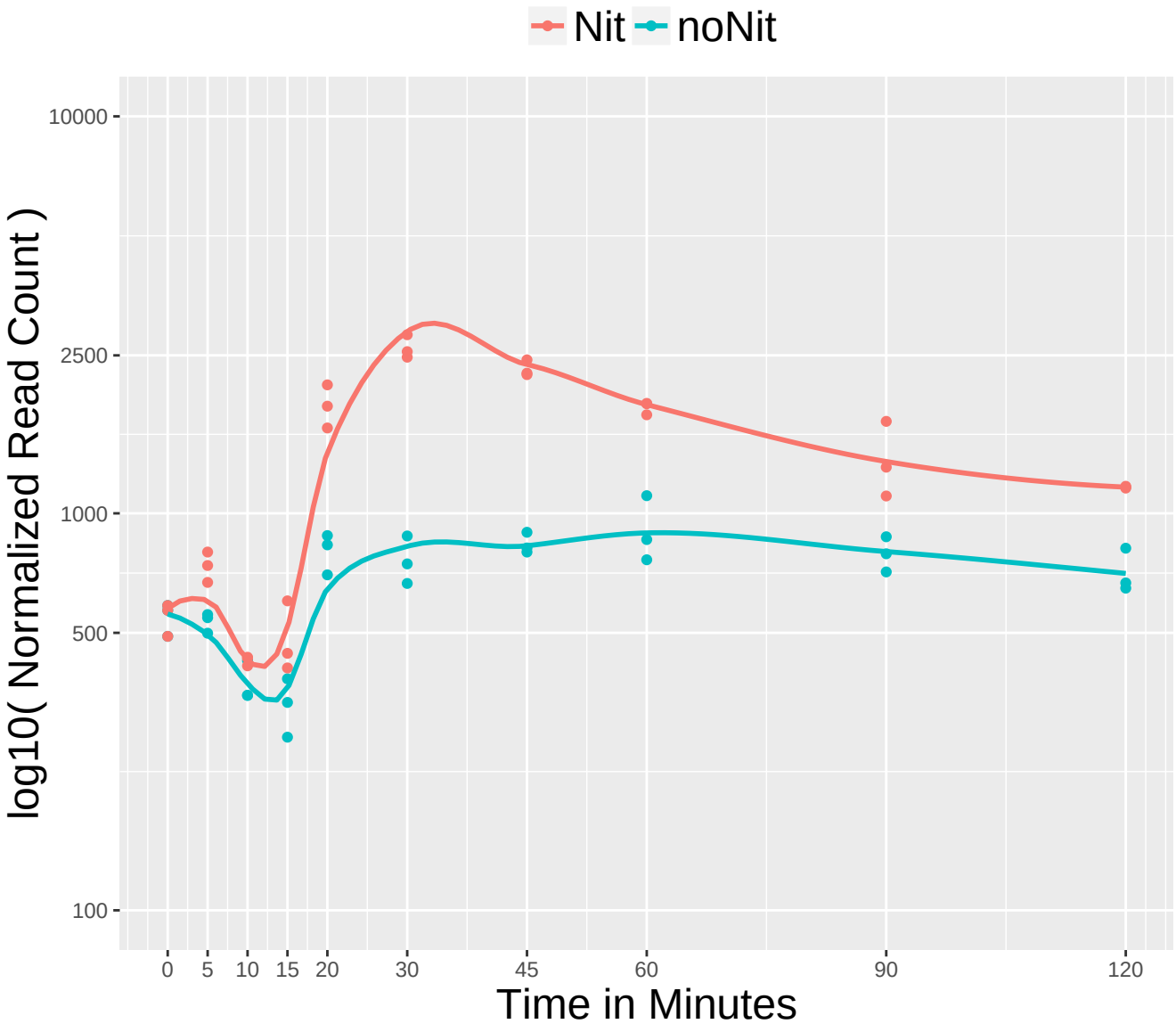
AT5G03100

F−box/RNI−like



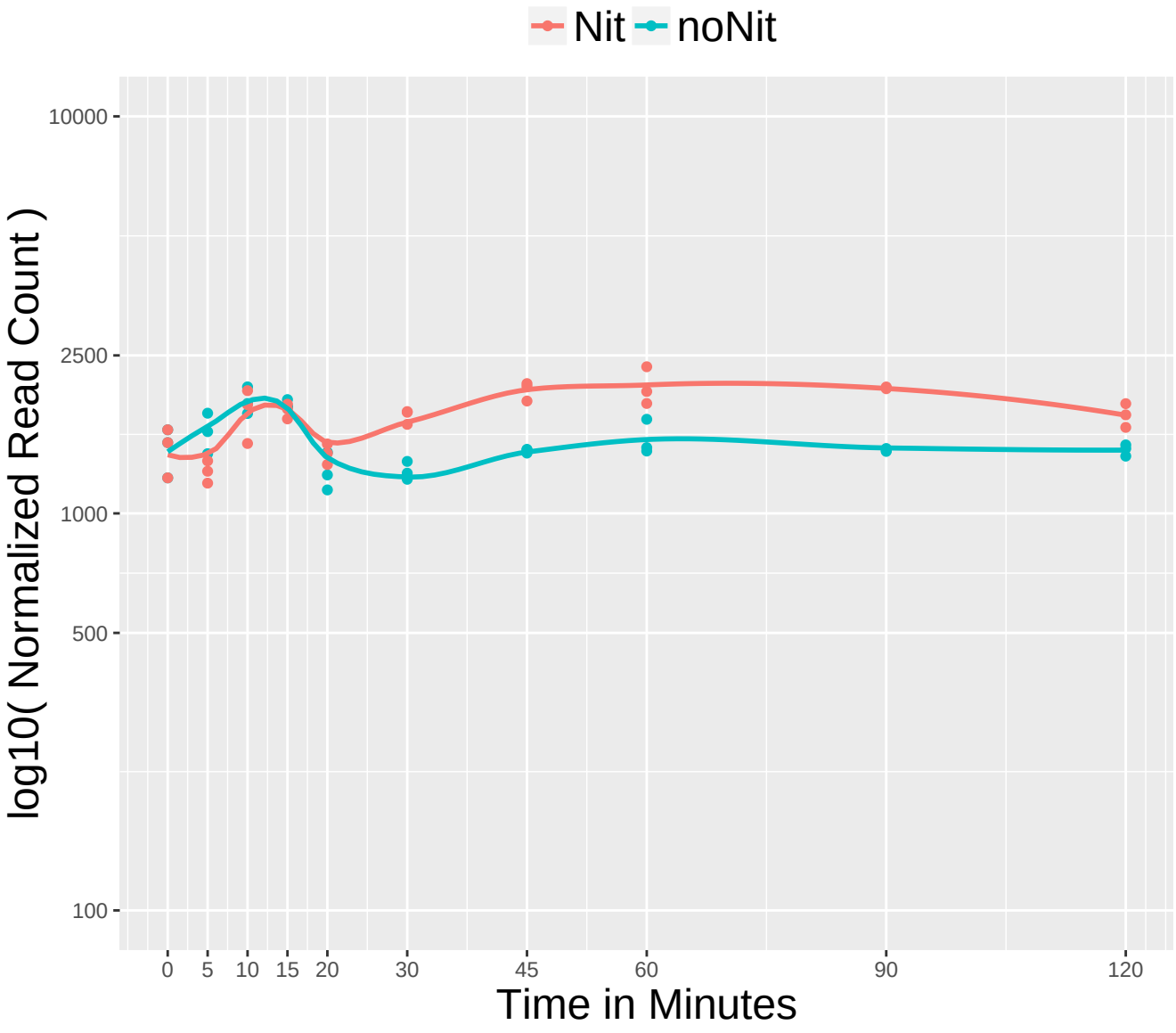
AT5G15330

ATSPX4,ARABIDOPSIS



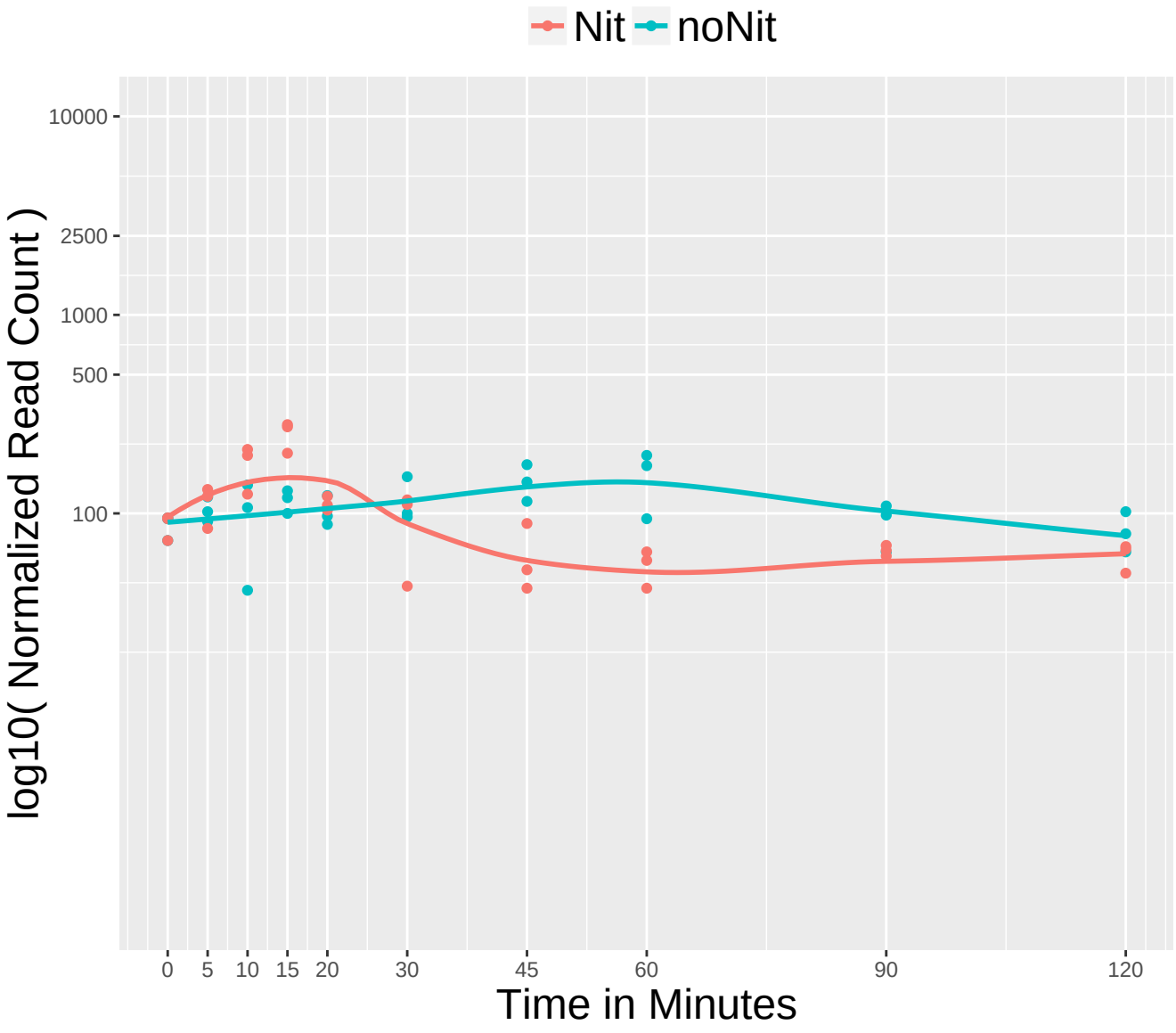
AT5G20680

TBL16,TRICHOME



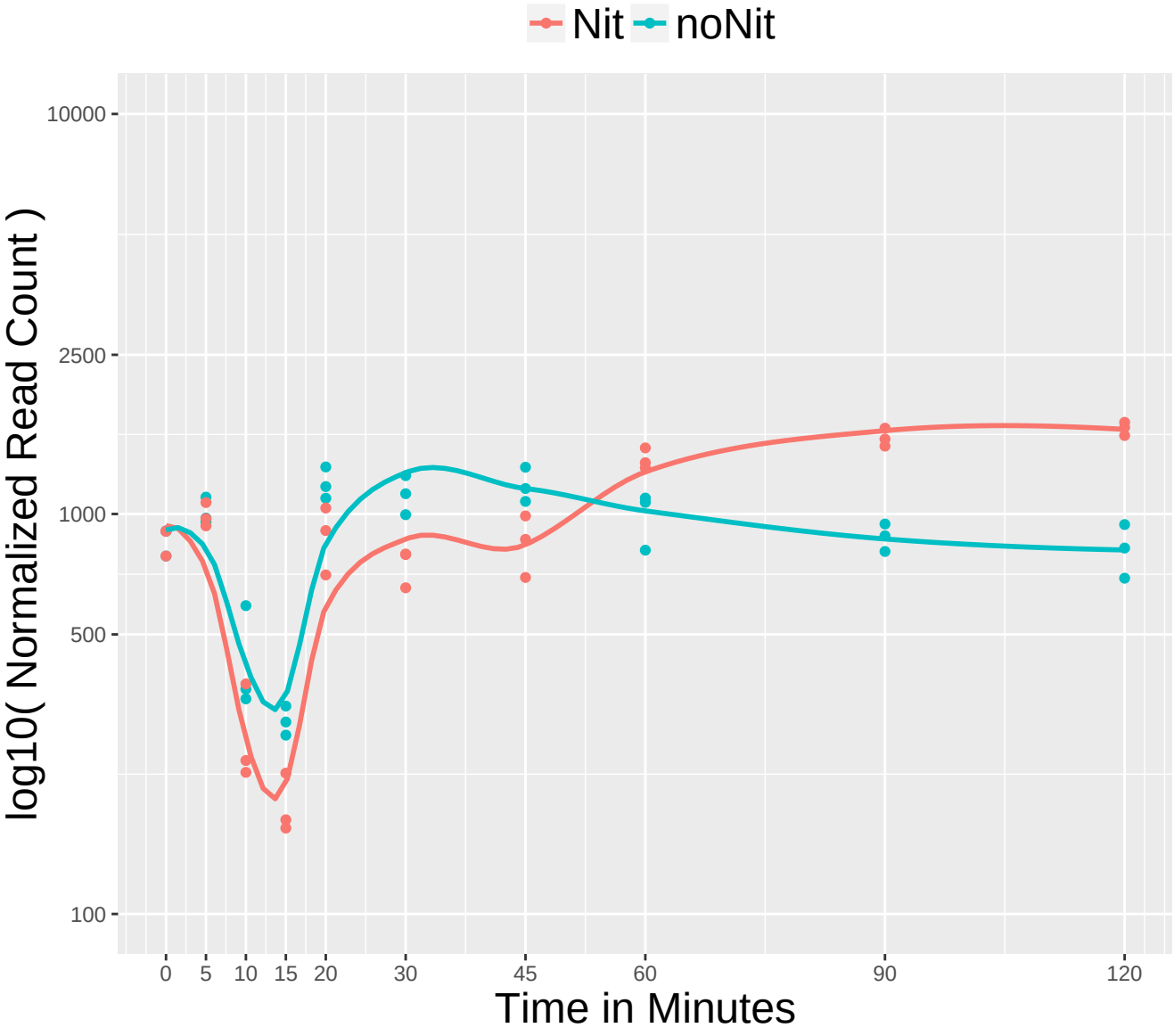
AT5G23060

CaS,calcium



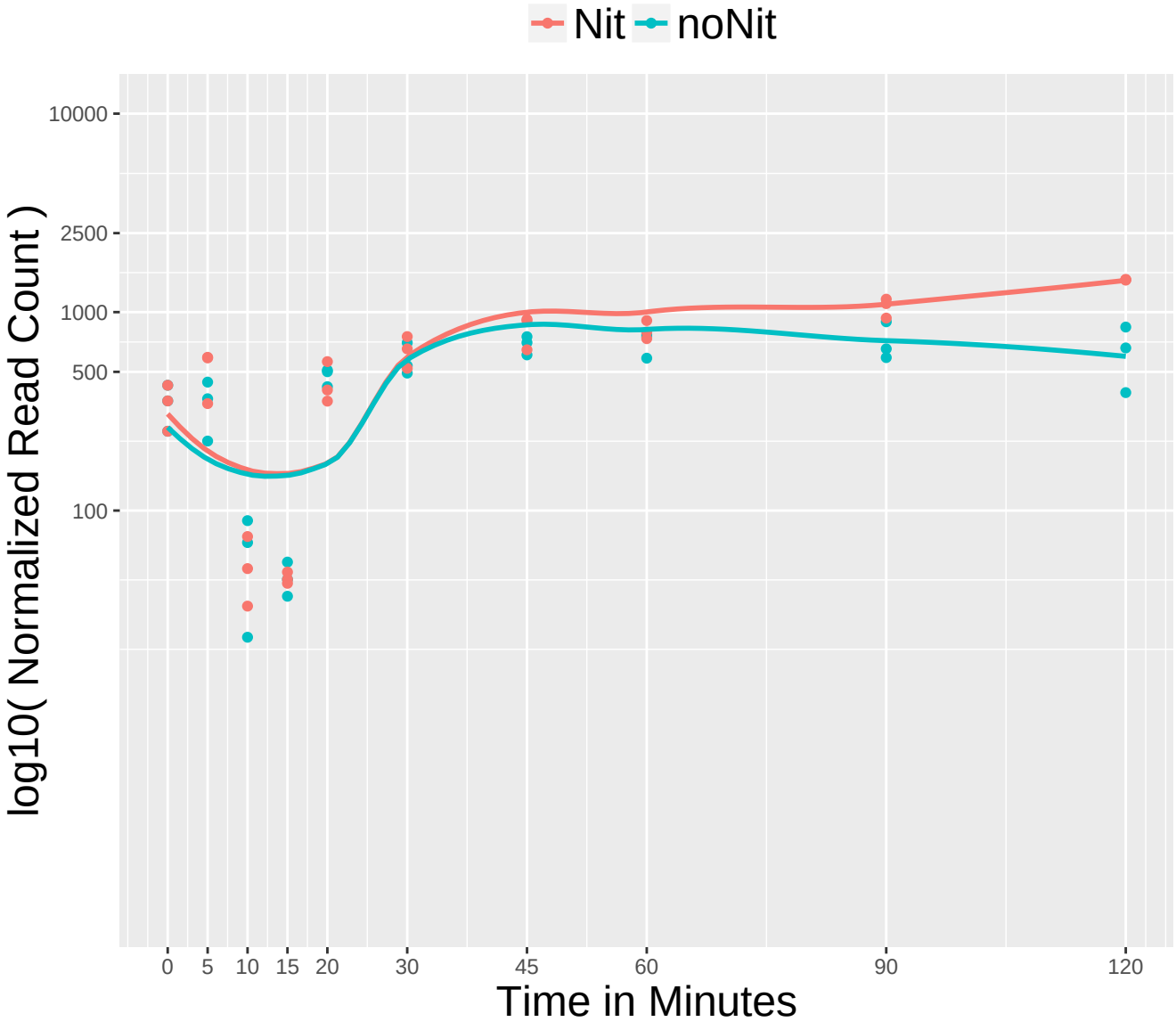
AT5G43180

Protein



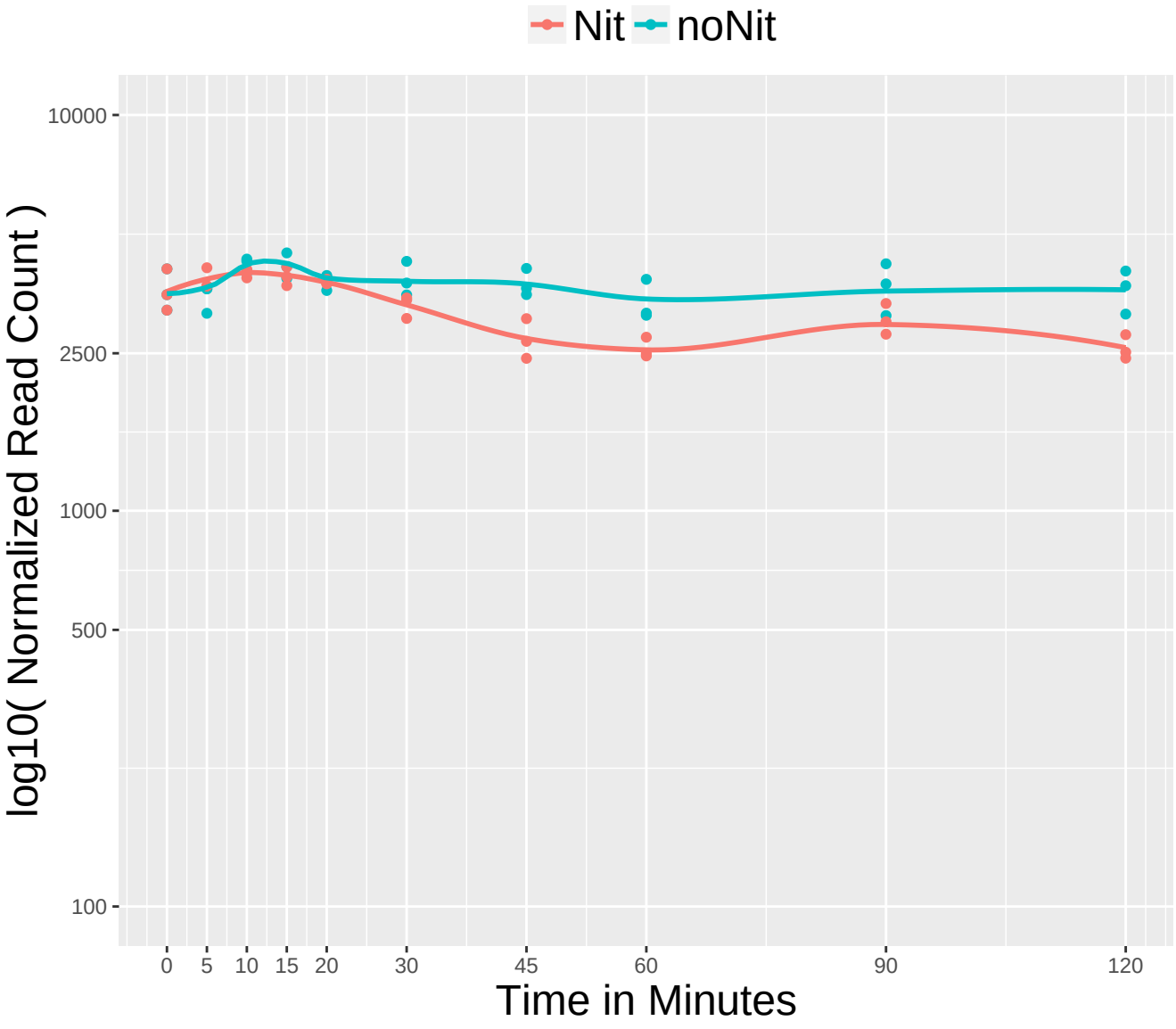
AT5G44460

CML43,calmodulin



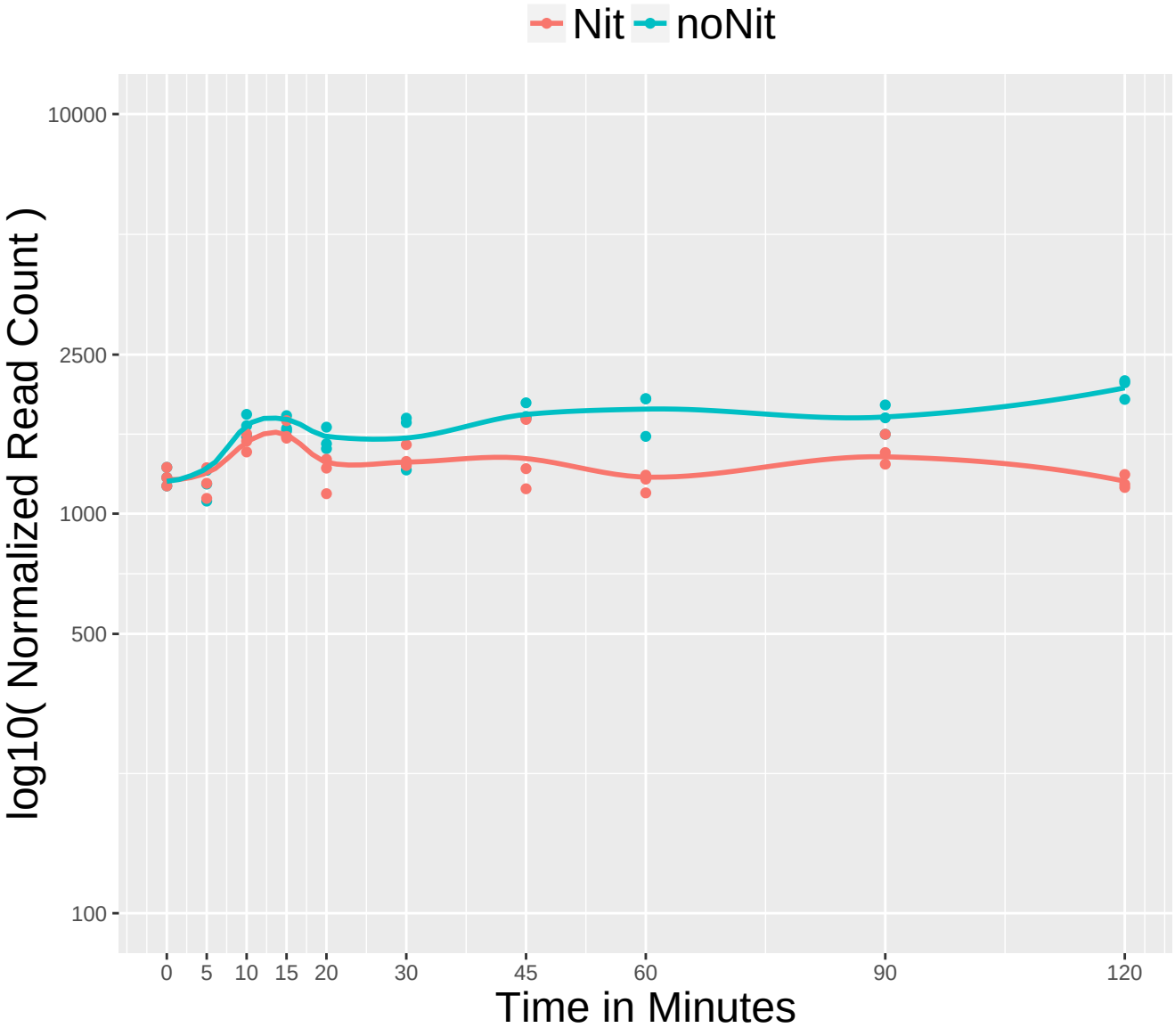
AT5G58430

ATEXO70B1,exocyst



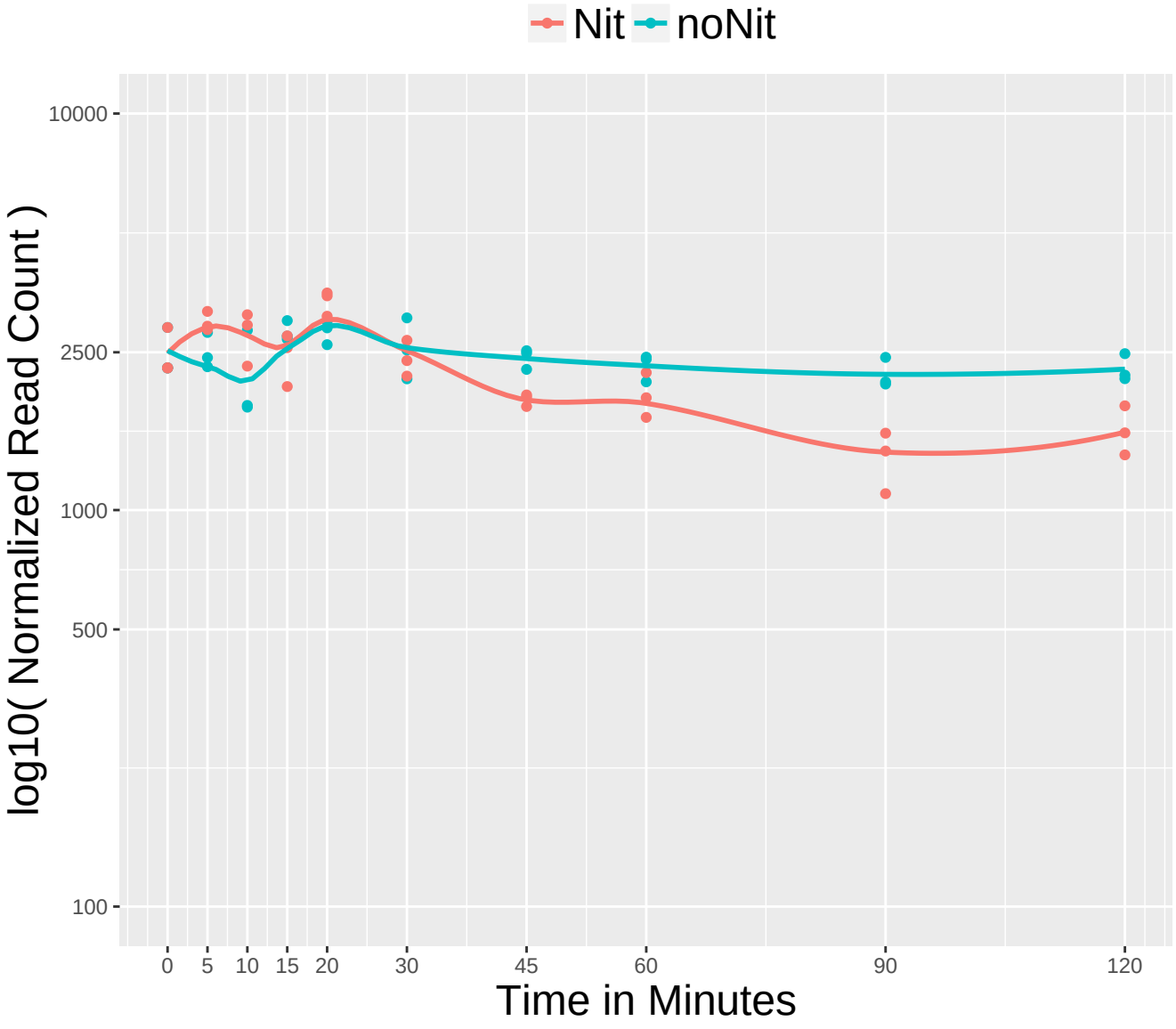
AT1G21170

SEC5B



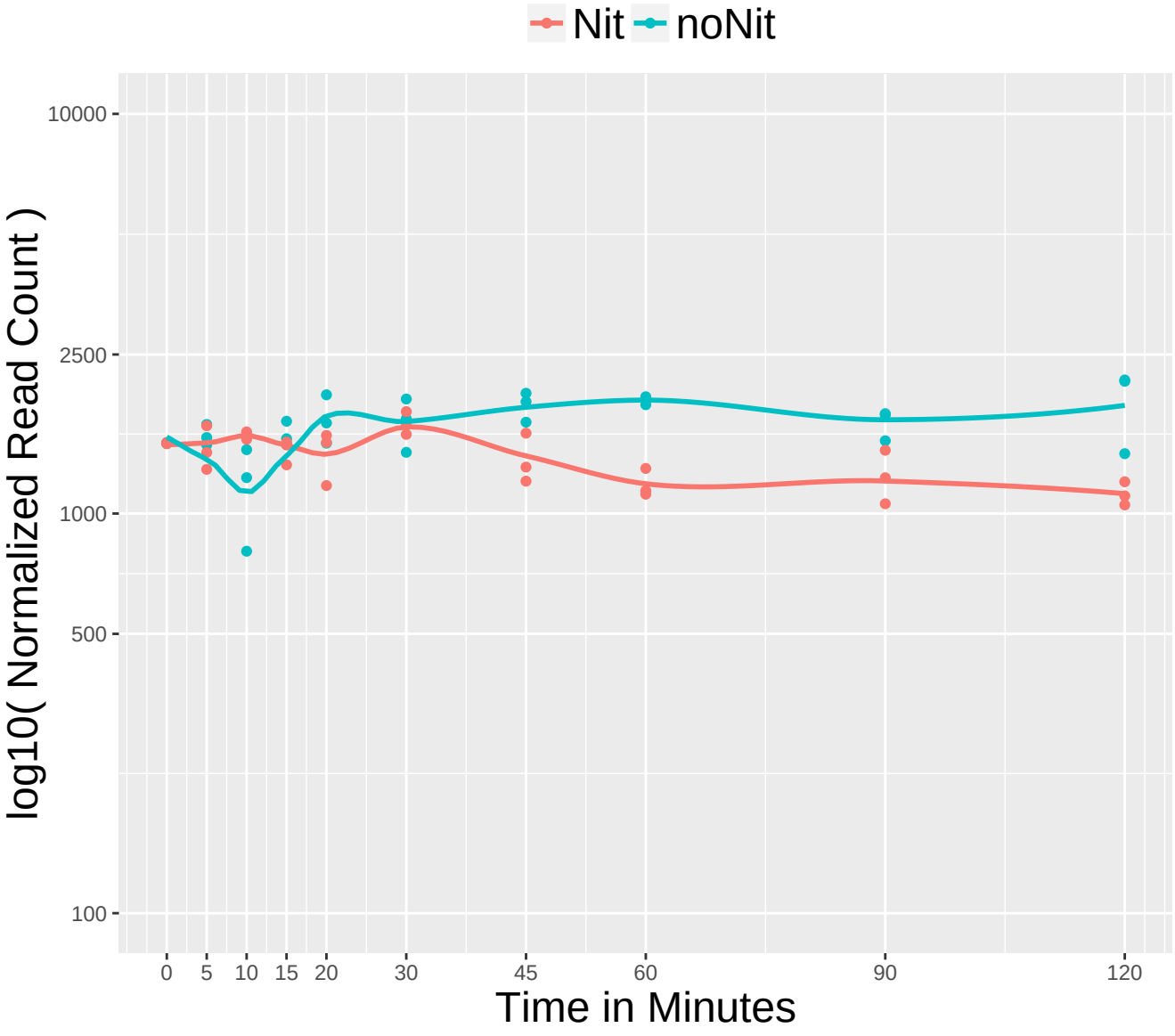
AT1G24170

GATL8,GALACTURONOSYLTRANSFERASE−LIKE



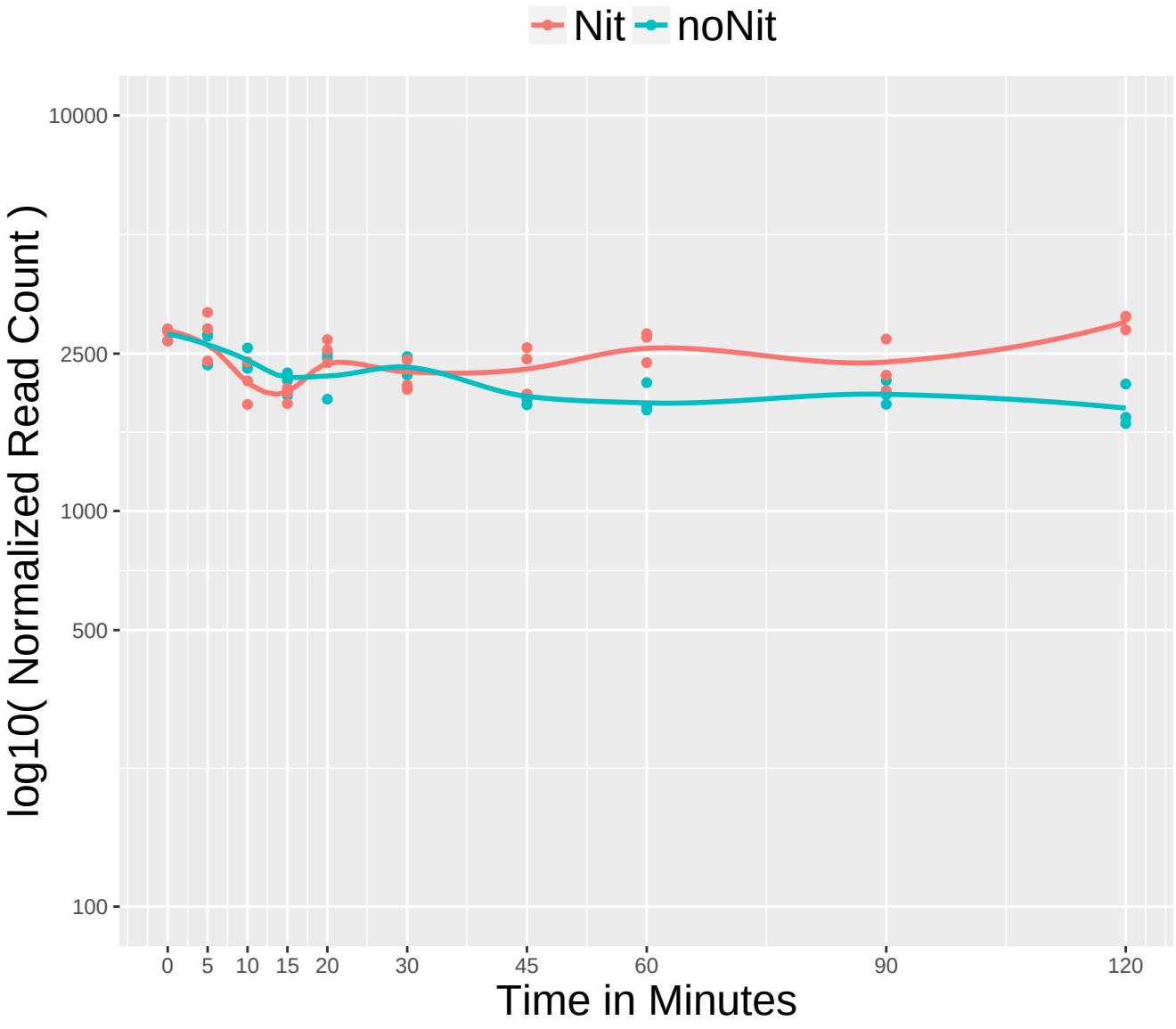
AT1G25390

Protein



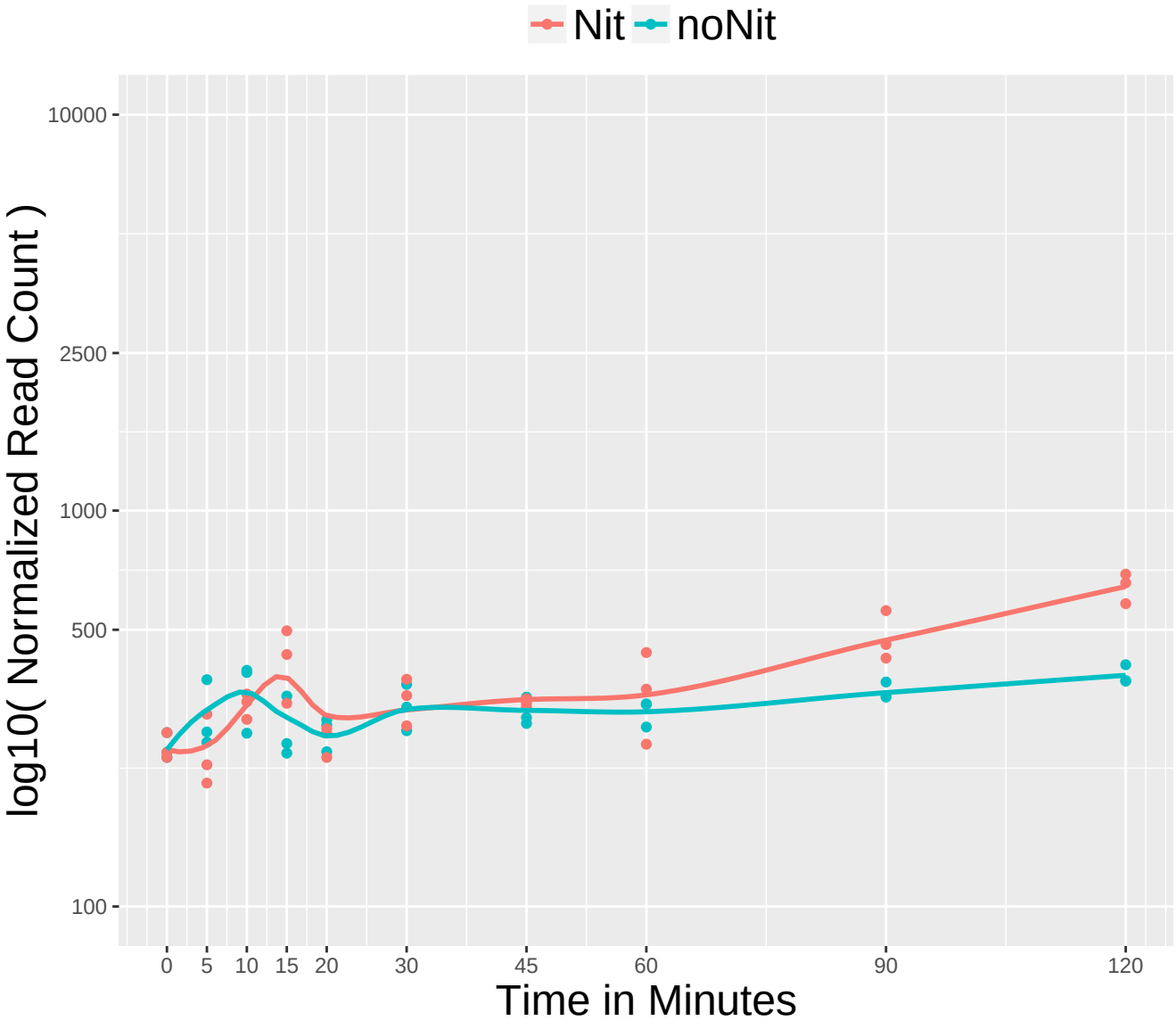
AT1G32580

plastid



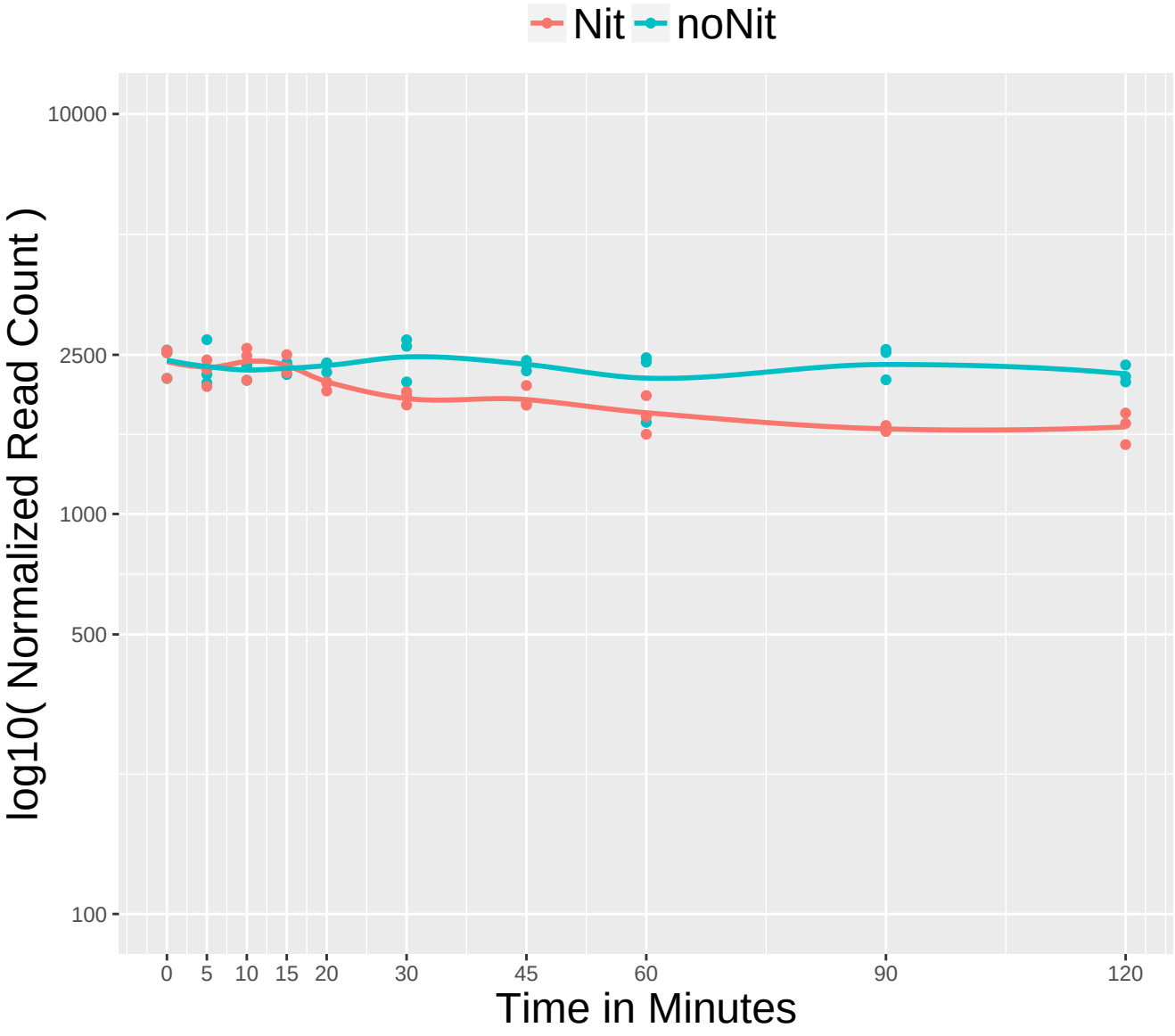
AT1G43670

AtcFBP,Arabidopsis



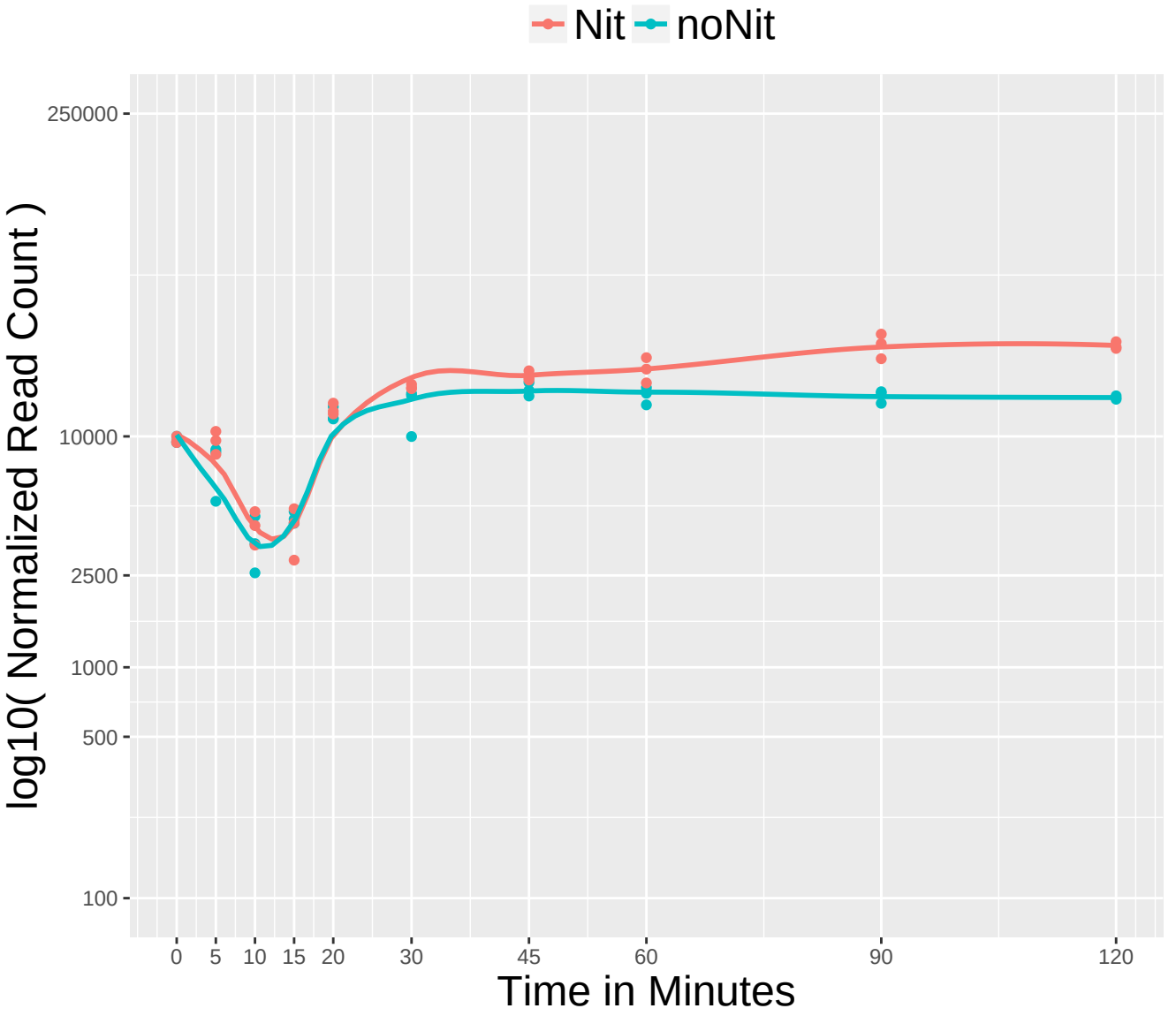
AT1G47900

Plant



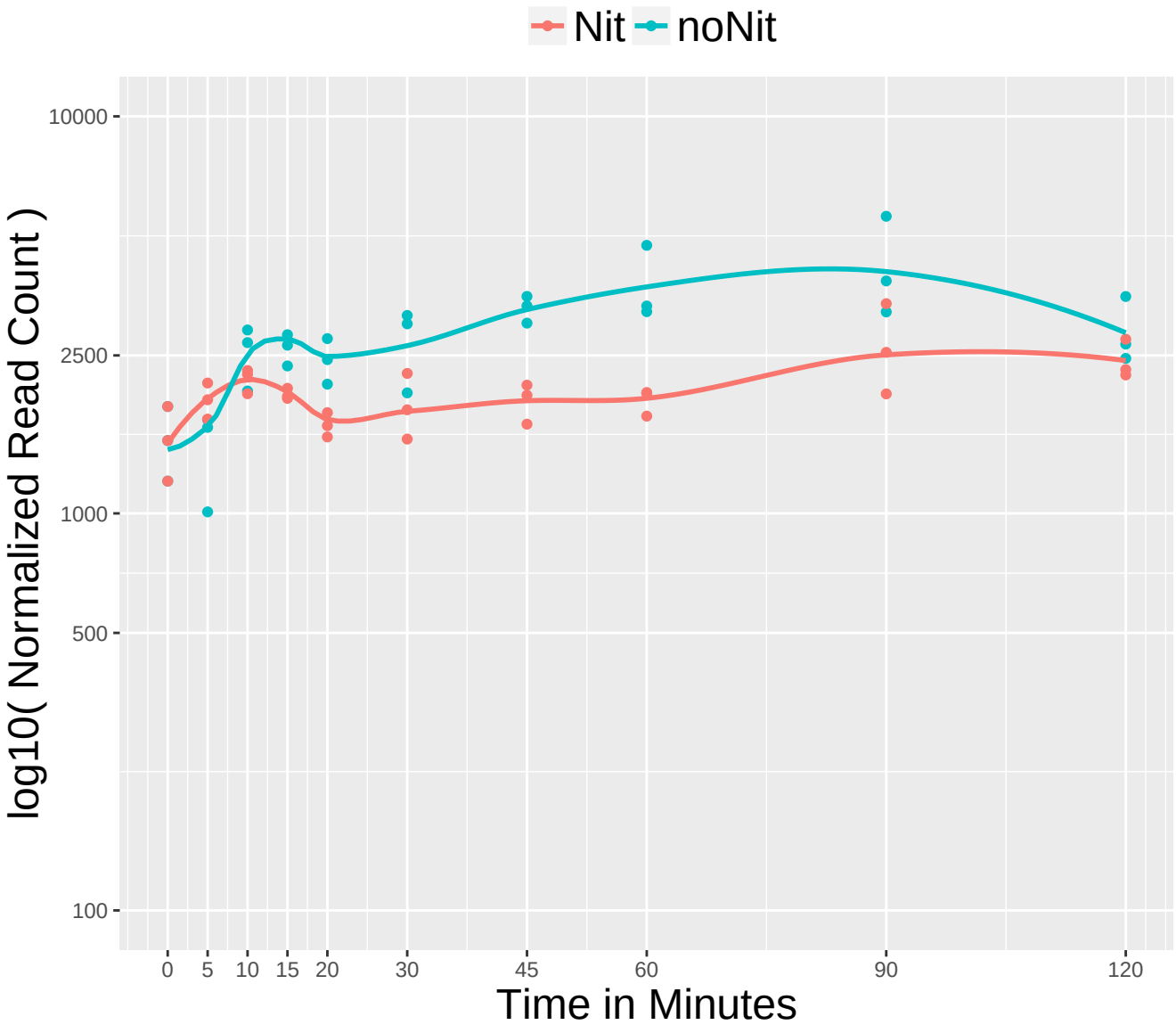
AT1G48600

AtPMEAMT,,PMEAMT,phosphoethanolamine



AT2G39200

ATMLO12,MILDEW



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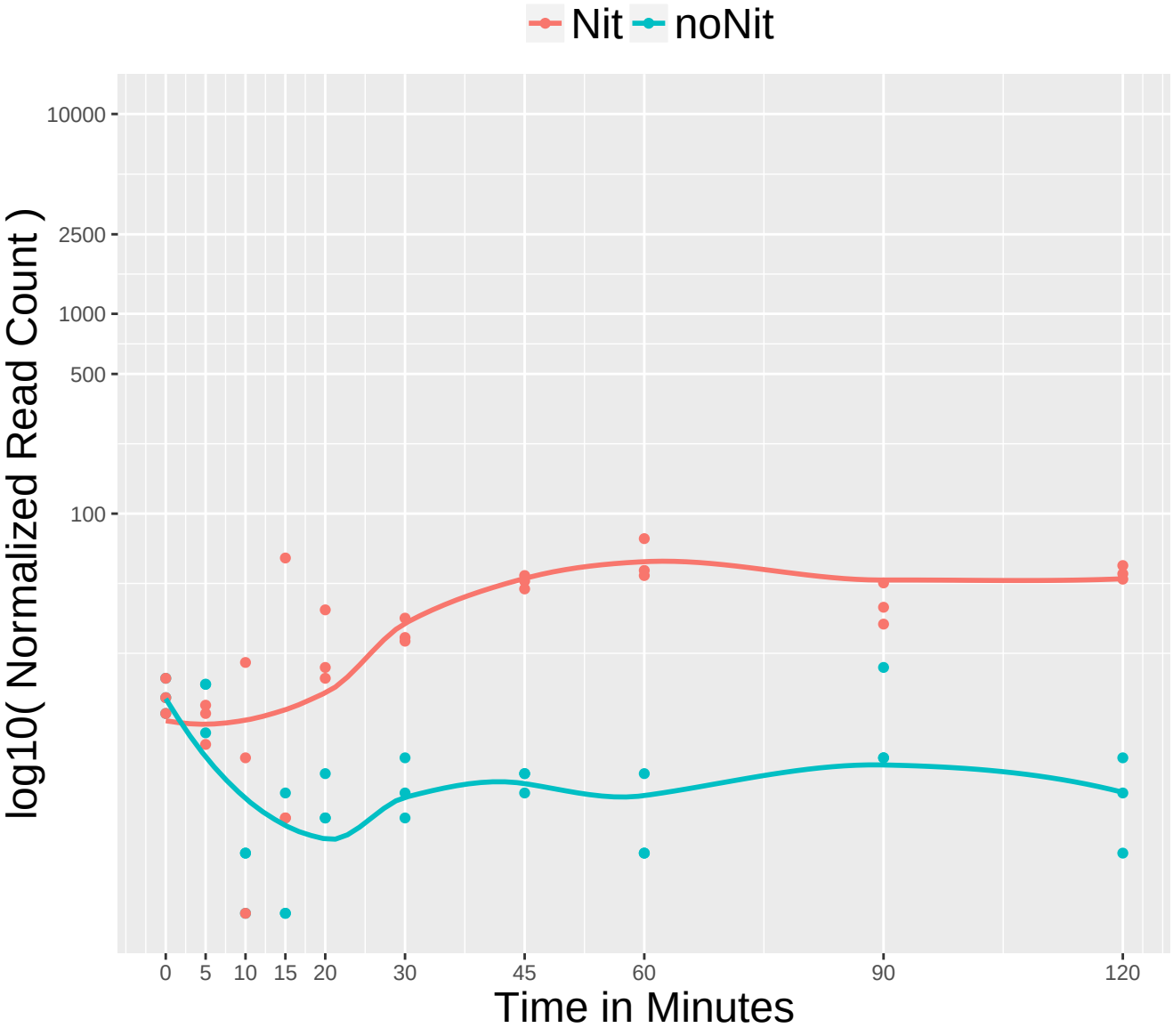
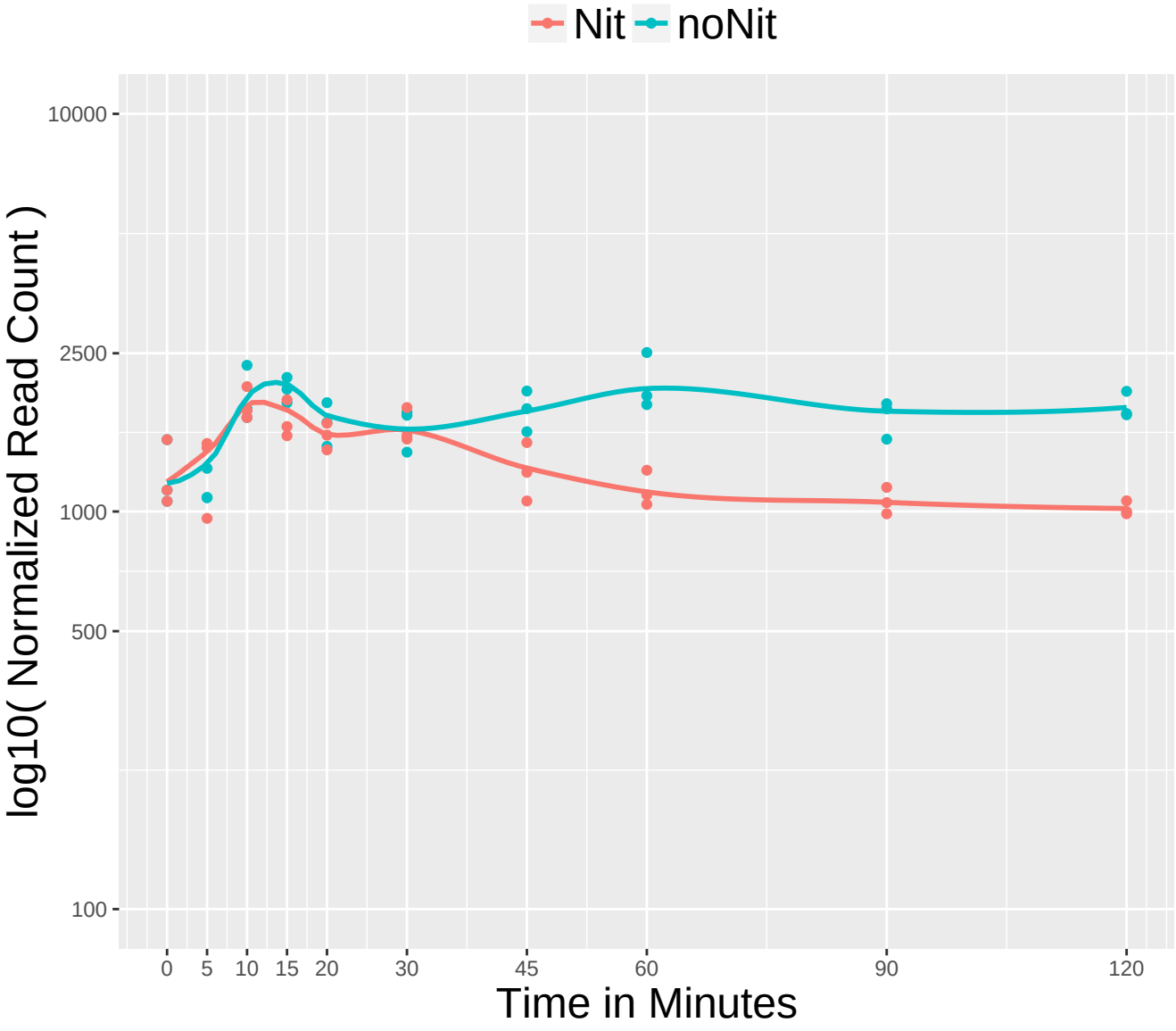

Nit
noNit
10000
2500
1000
500
100
log10(Normalized Read Count)
0
5
10
15
20
30
45
60
90
120
Time in Minutes

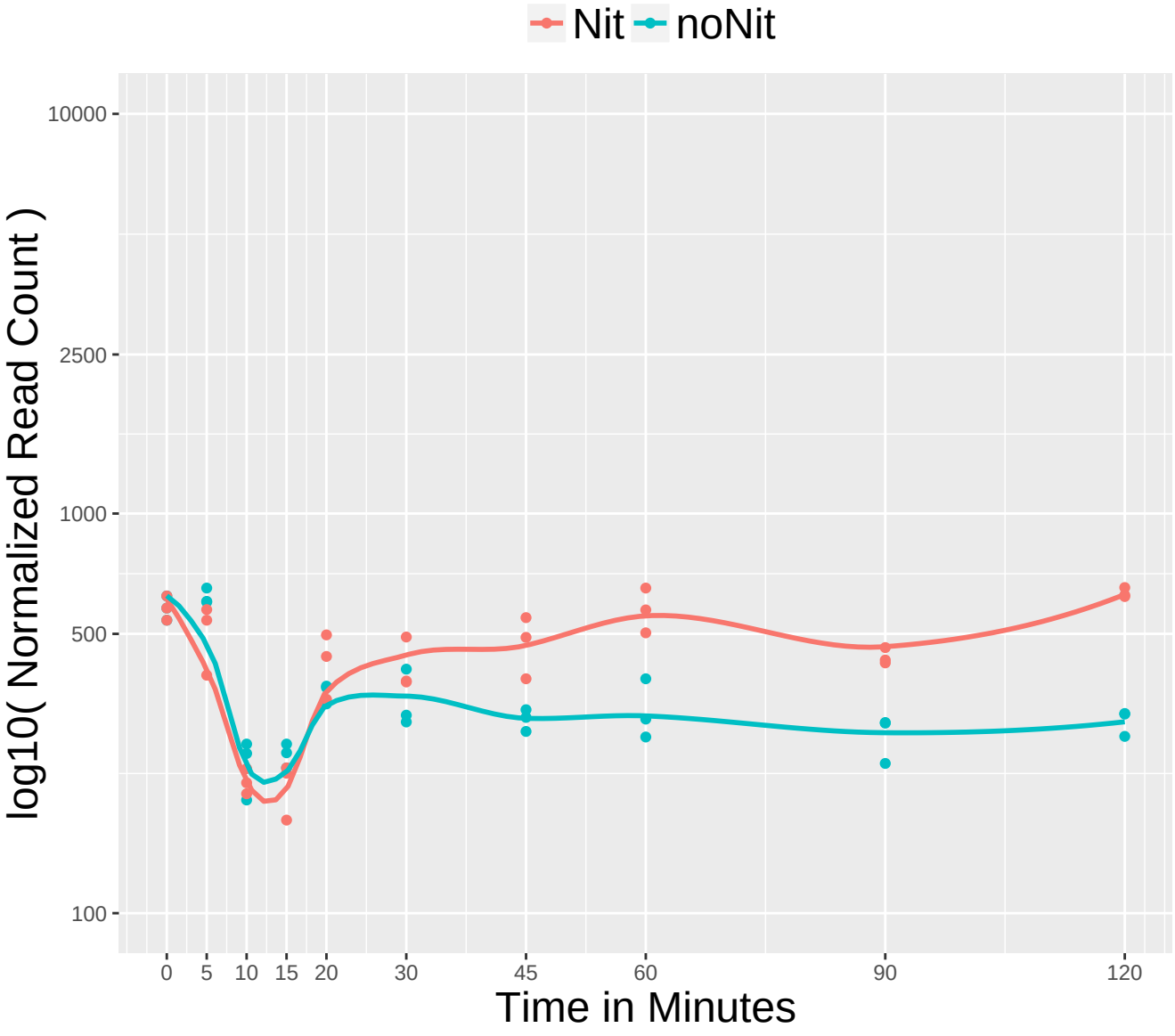
AT3G13380

BRL3,BRI1−like



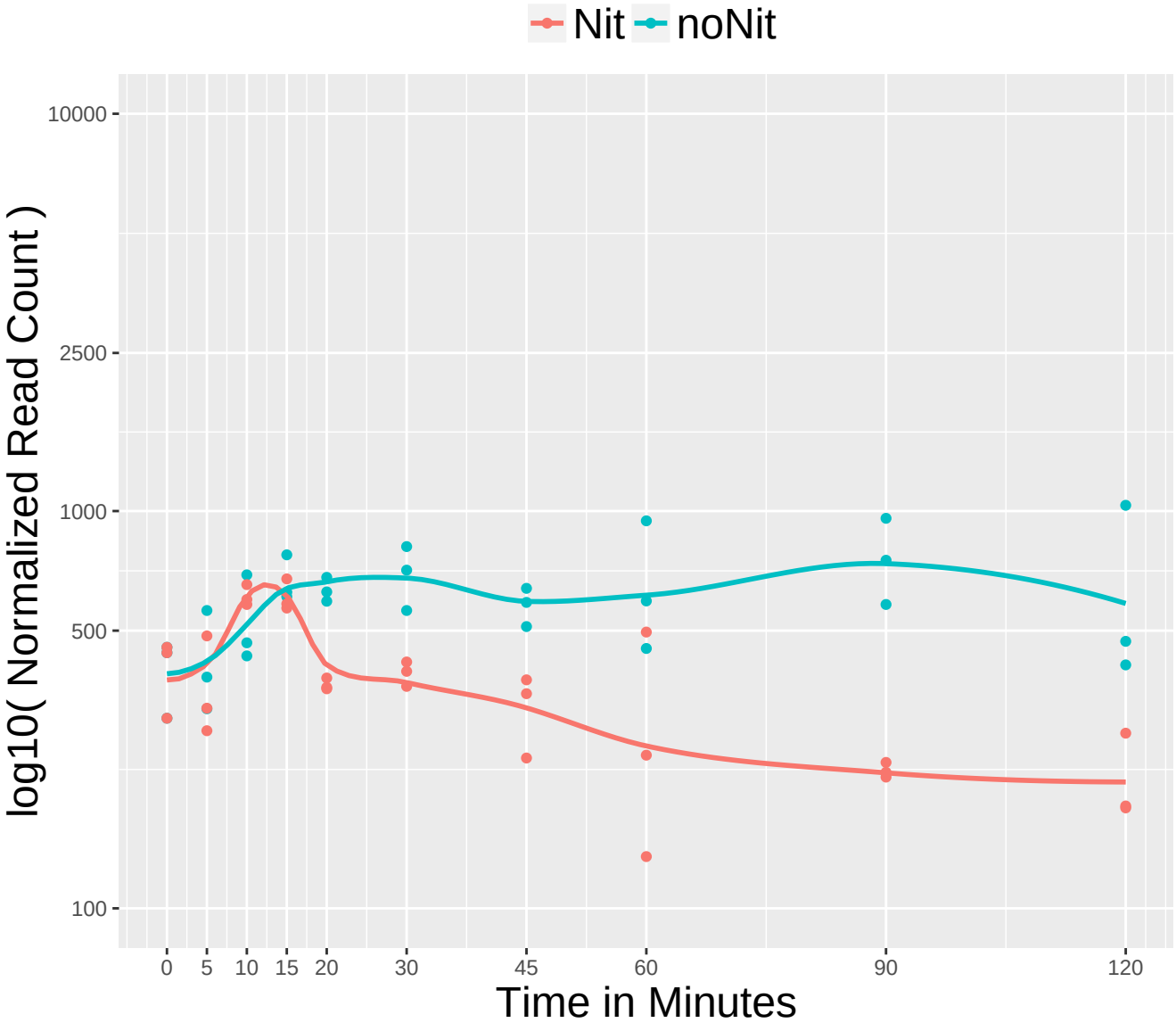
AT3G13740

Ribonuclease



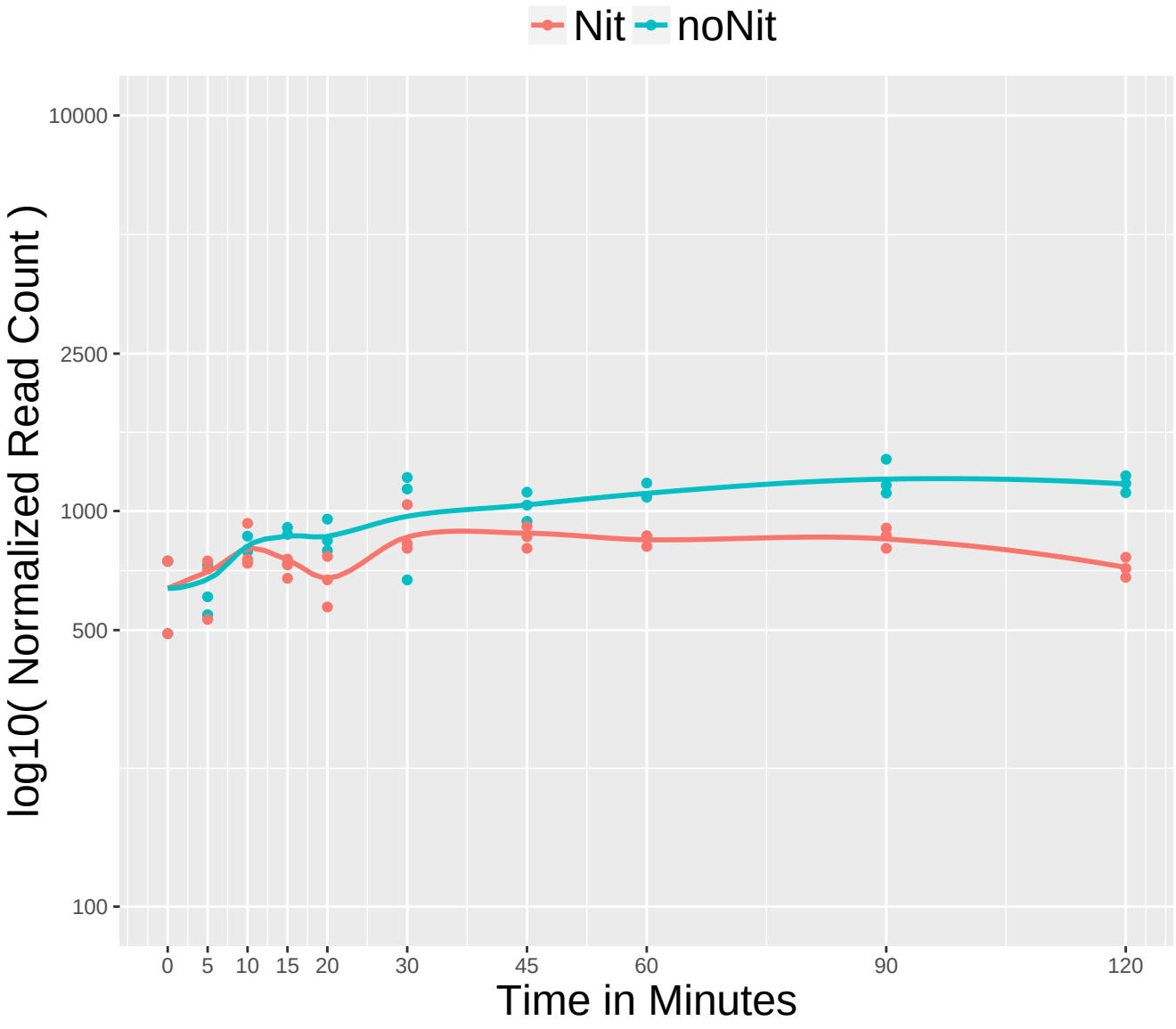
AT3G17690

ATCNGC19,CYCLIC



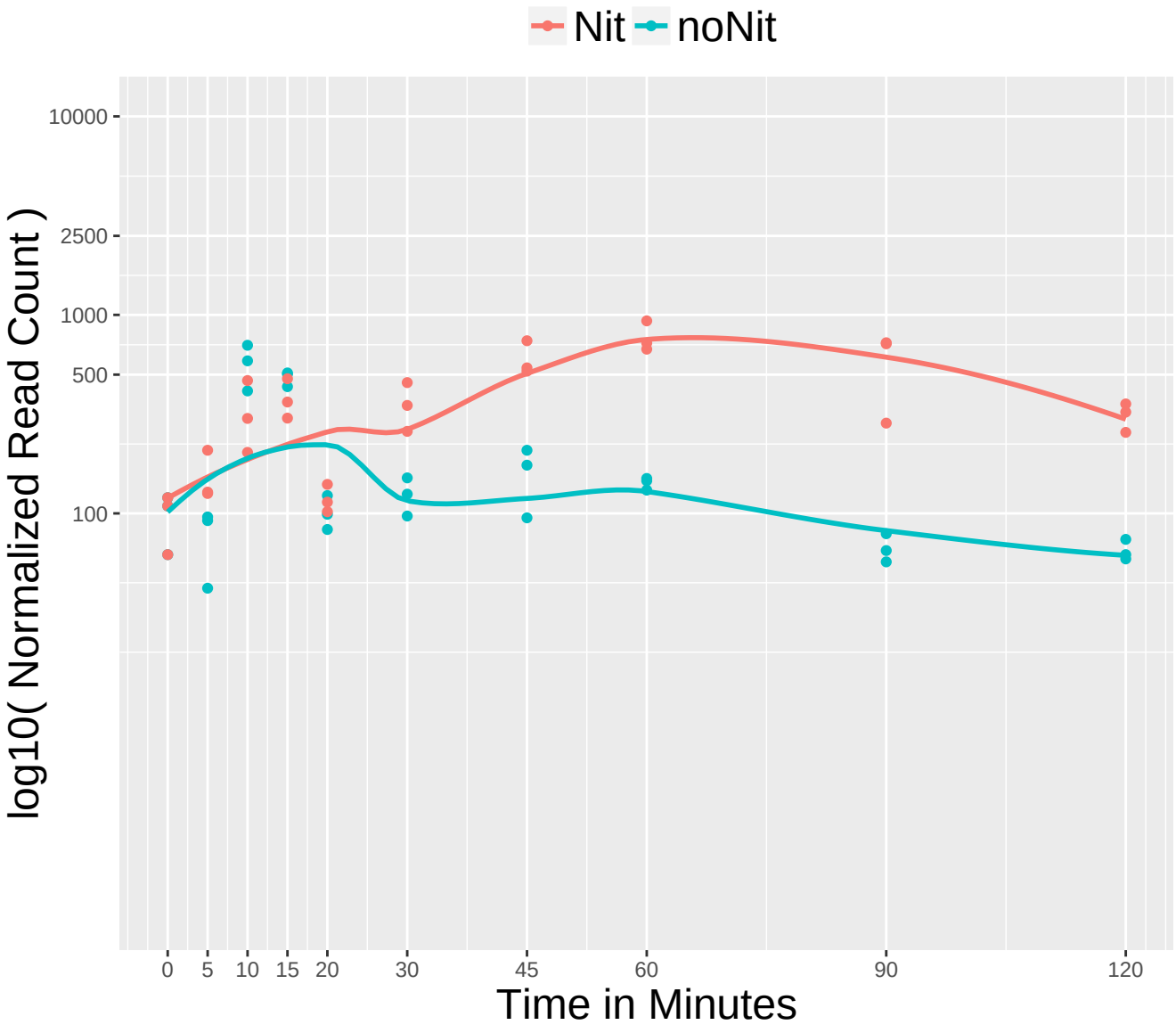
AT3G48610

NPC6,non−specific



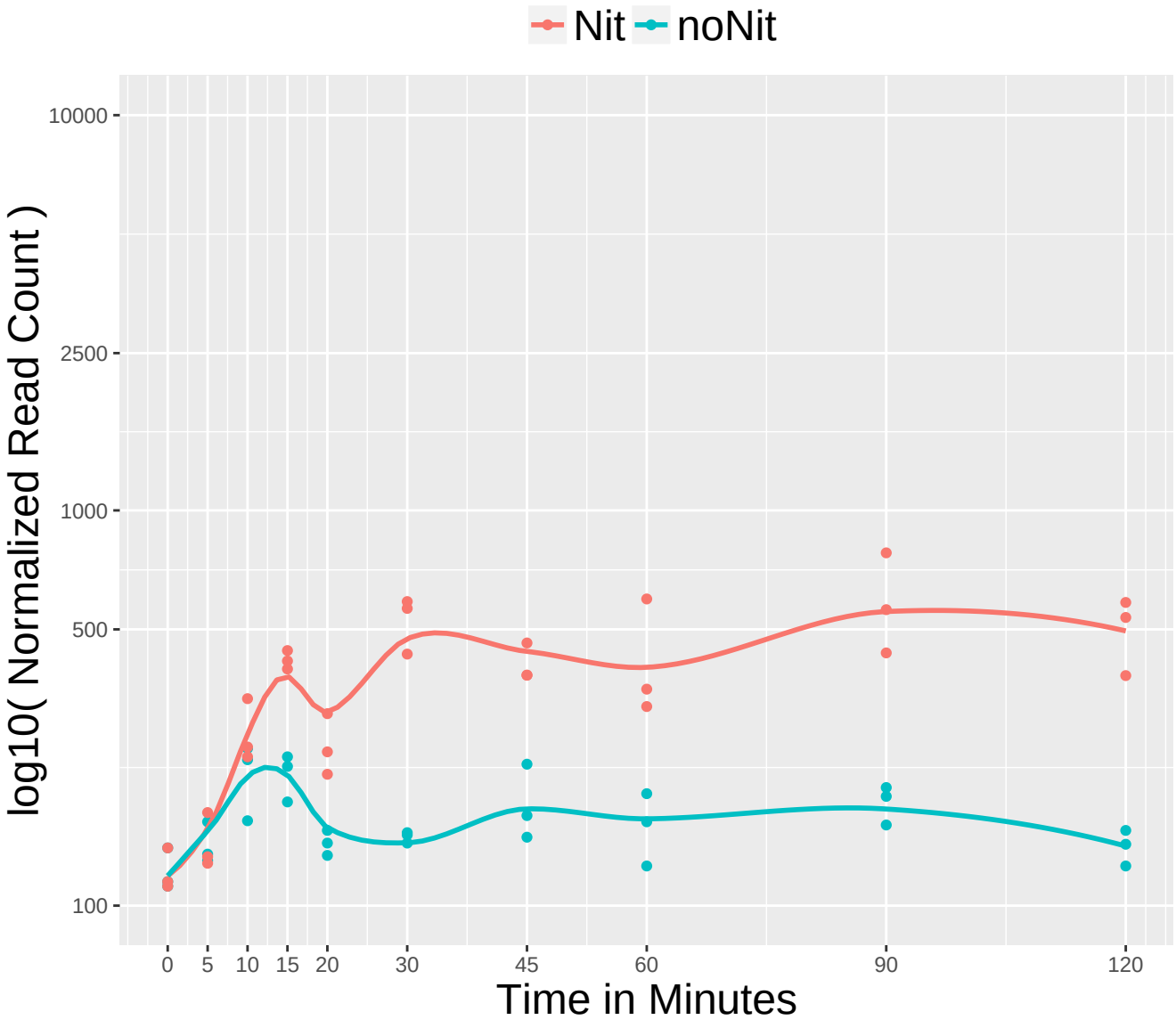
AT3G49570

LSU3,RESPONSE



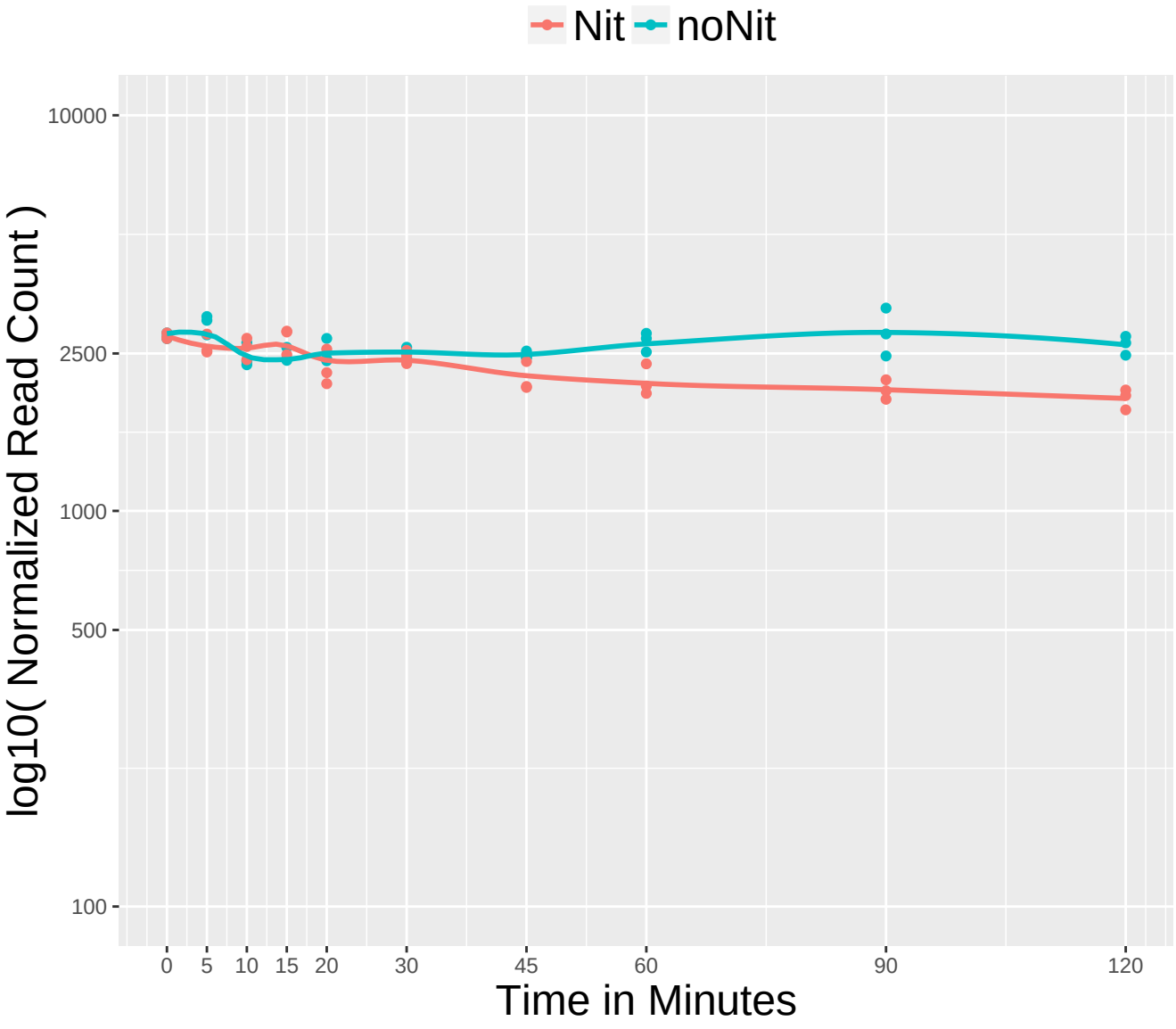
AT3G49790

Carbohydrate−binding



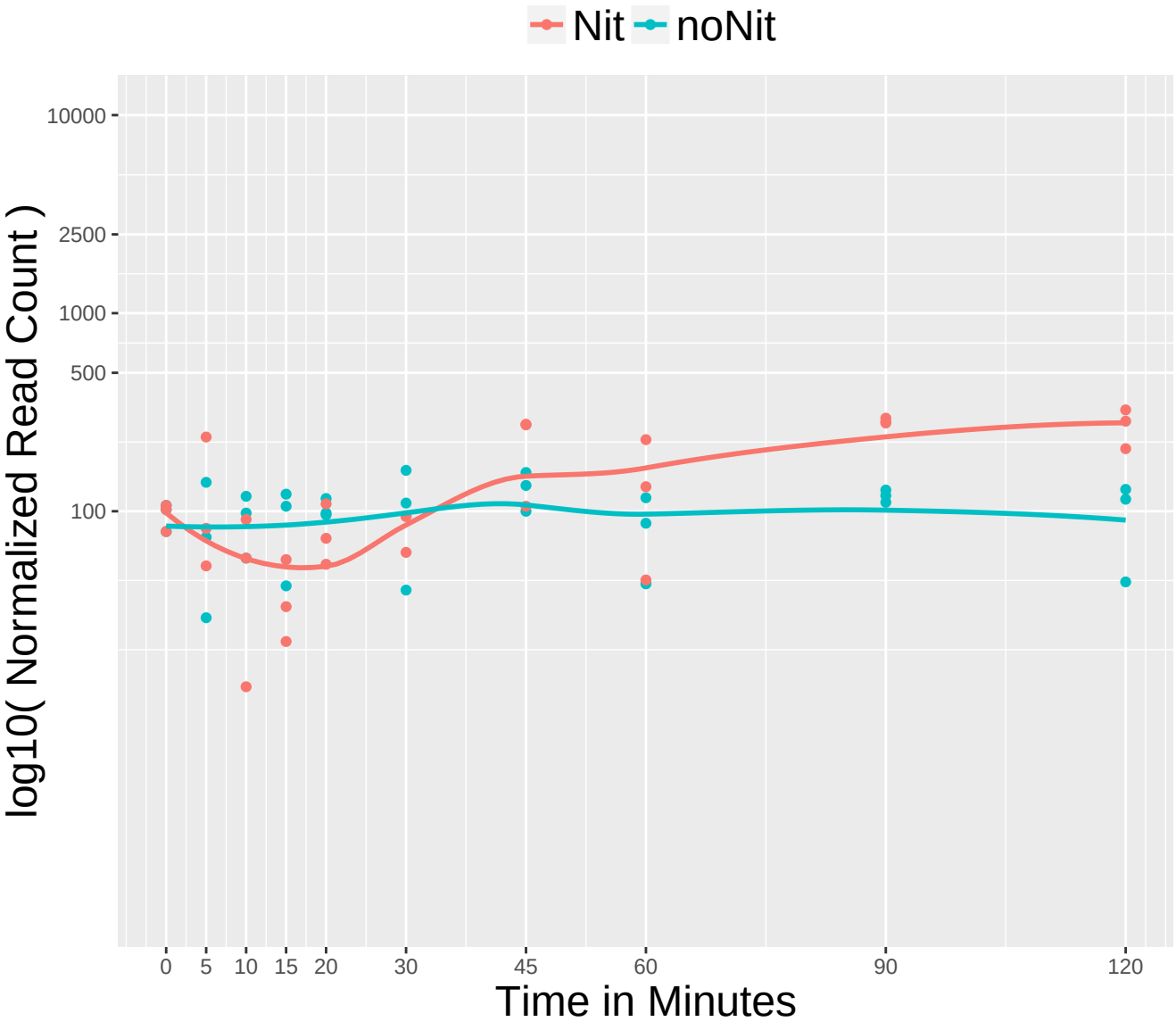
AT4G00355

ATI2,ATG8−interacting



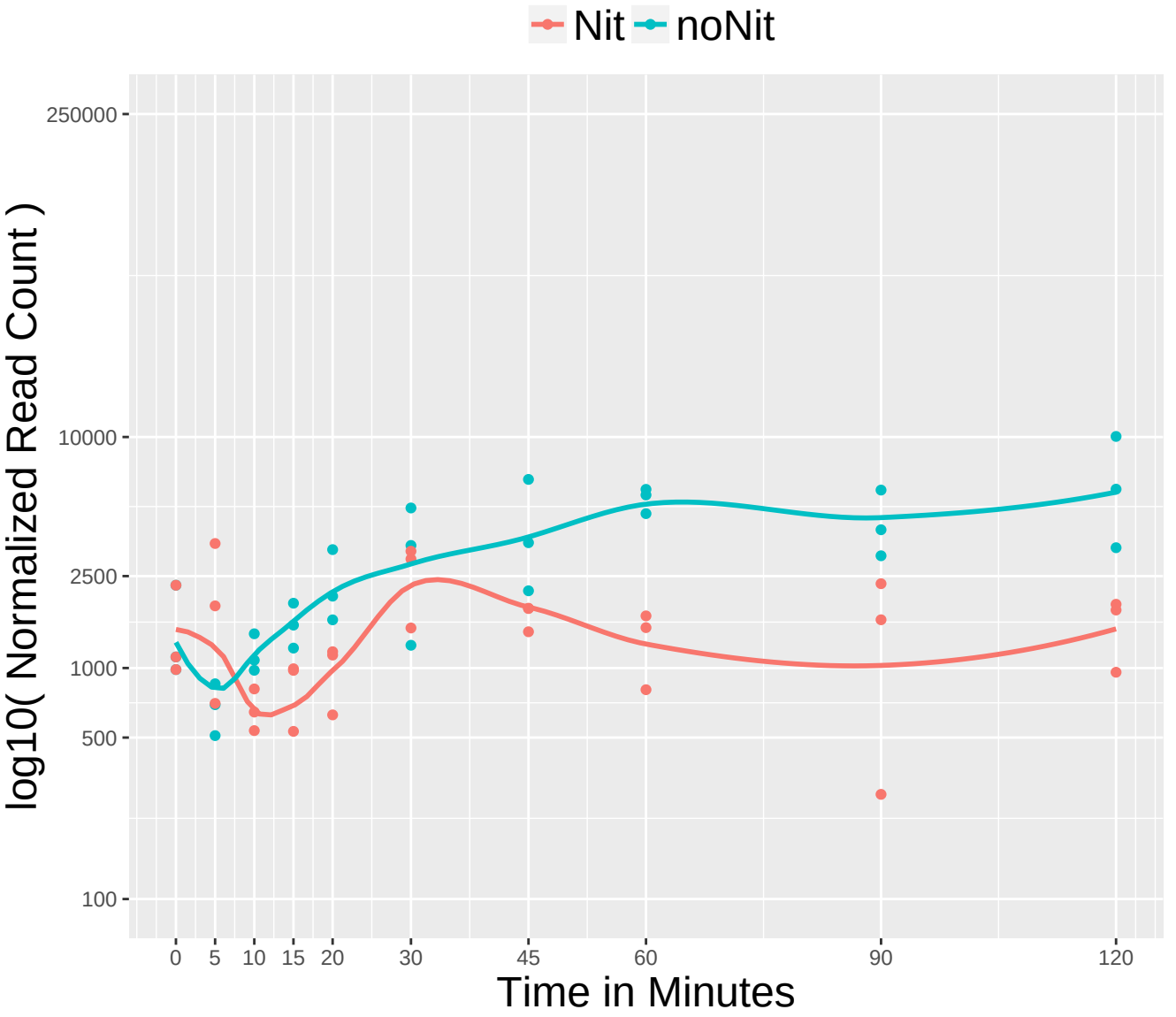
AT4G26380

Cysteine/Histidine−rich



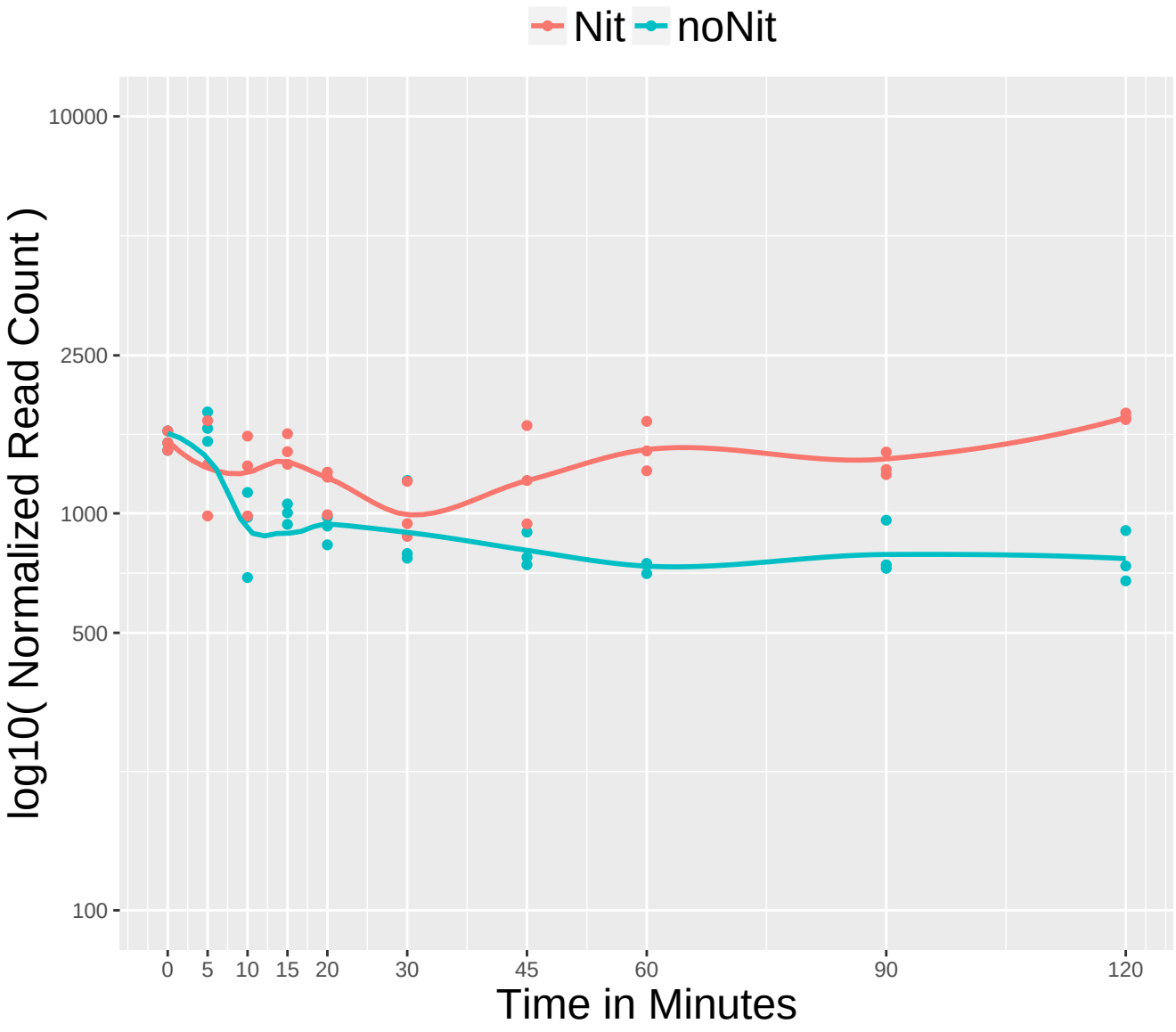
AT5G37990

S−adenosyl−L−methionine−dependent



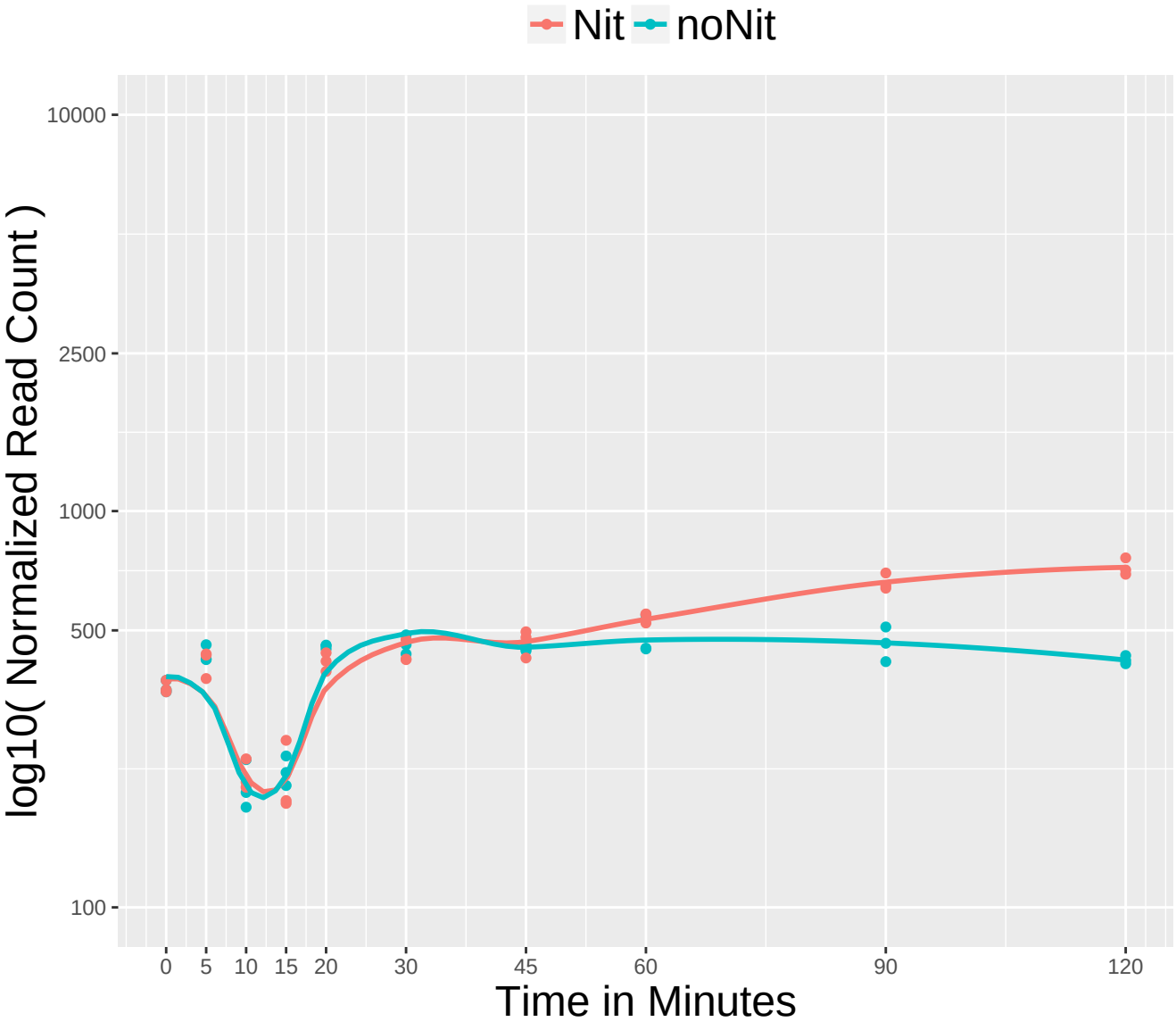
AT5G57280

RID2,root



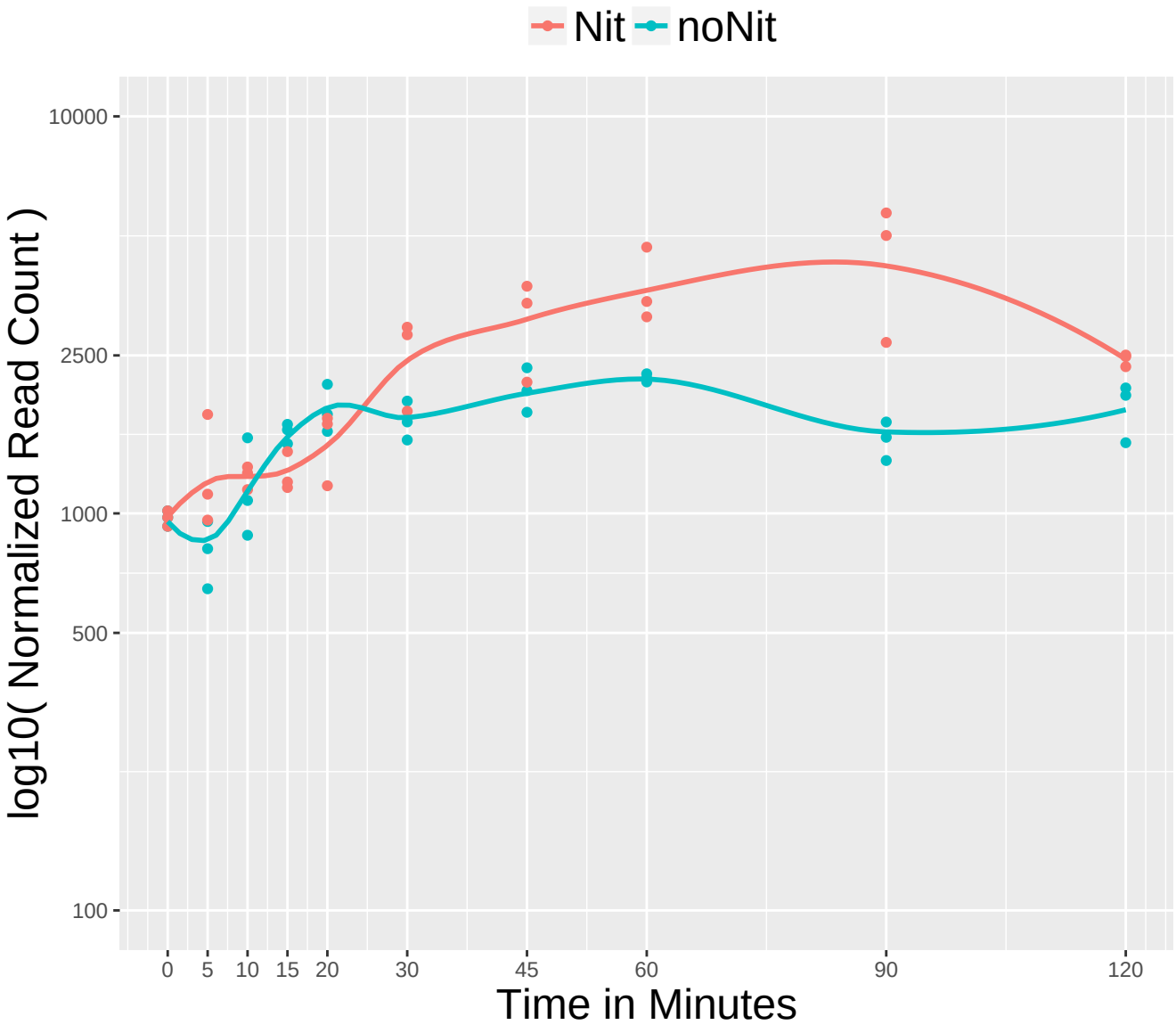
AT5G65830

ATRLP57,receptor



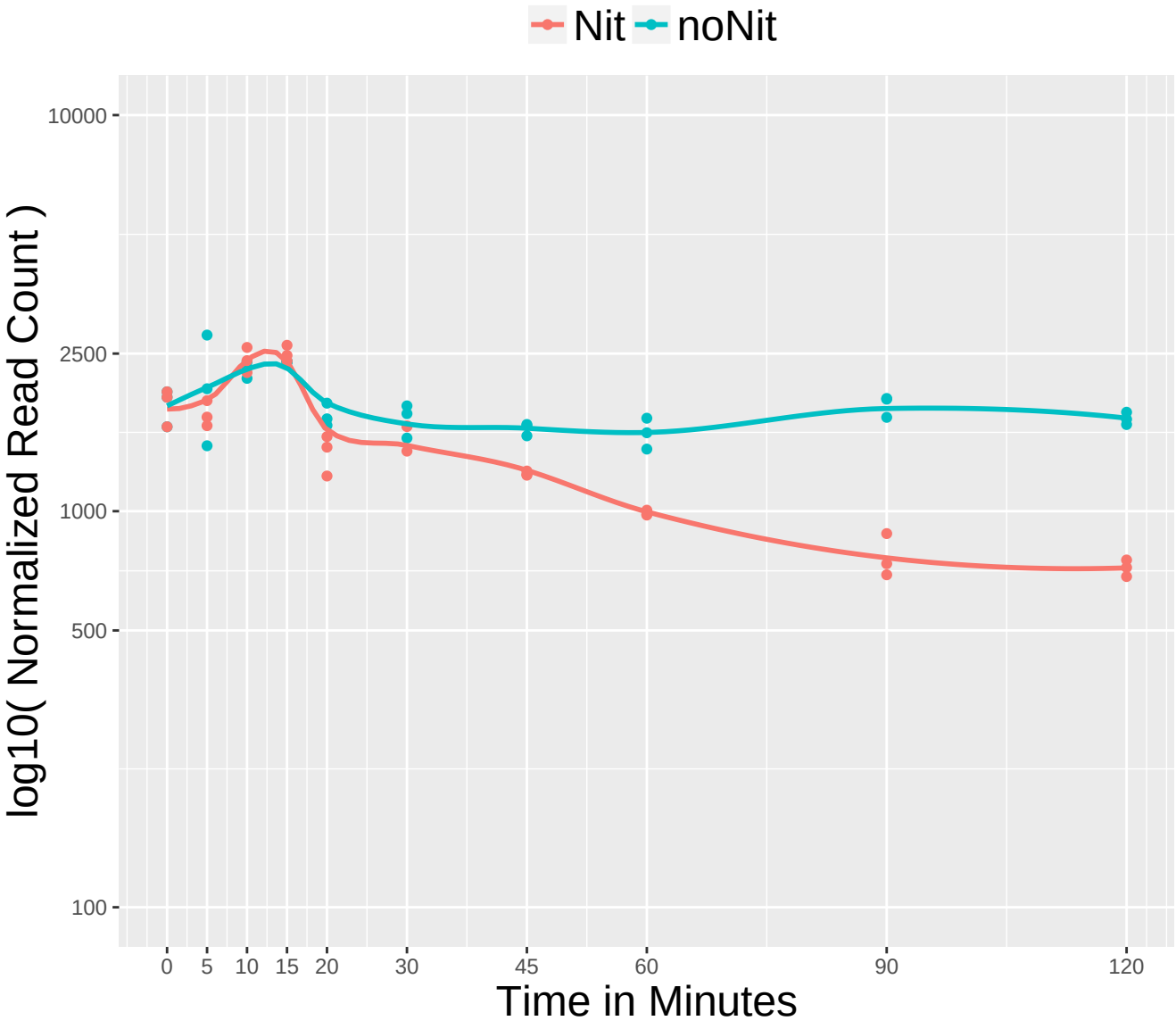
AT1G36370

SHM7,serine



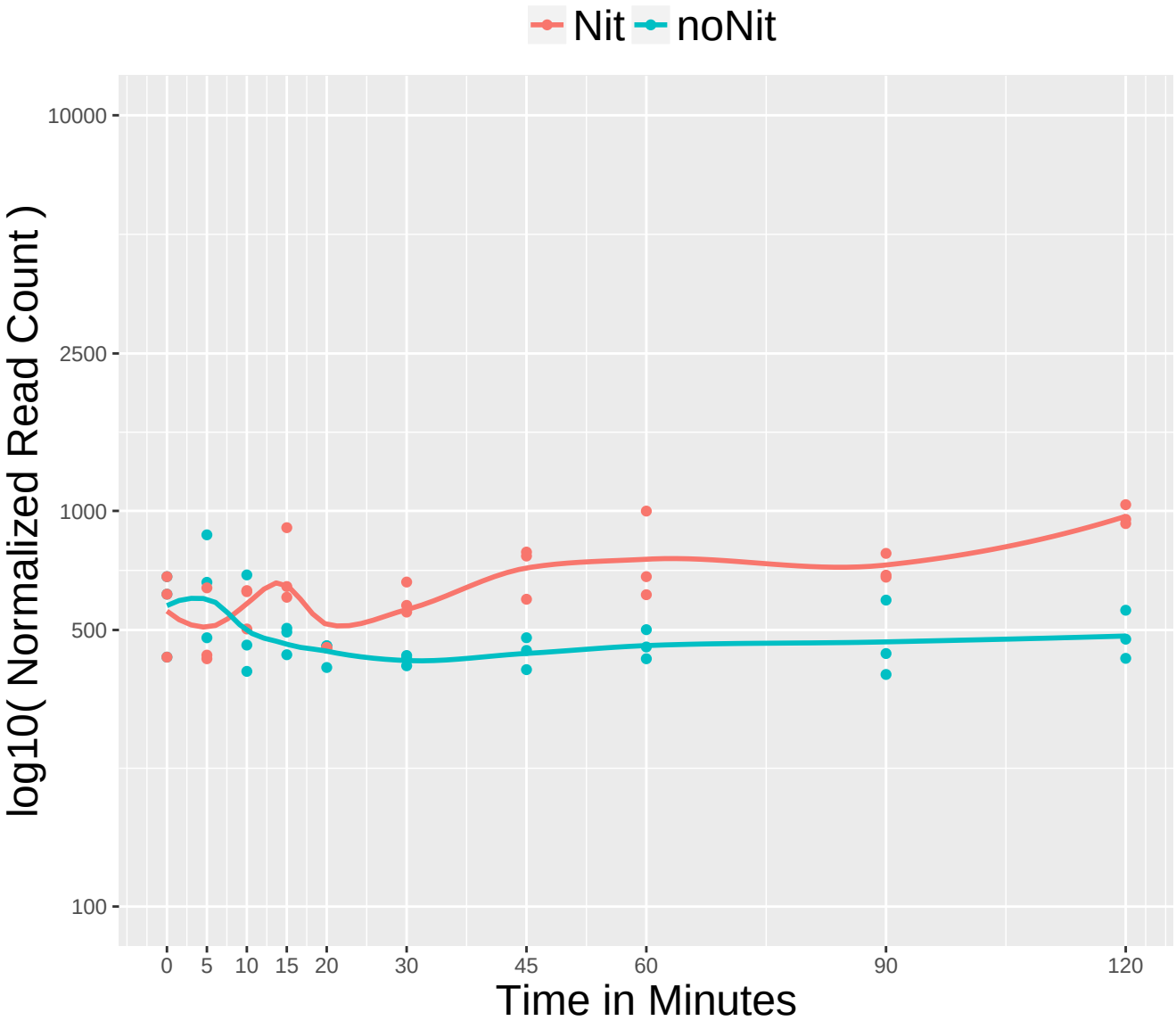
AT2G17700

STY8,serine/threonine/tyrosine



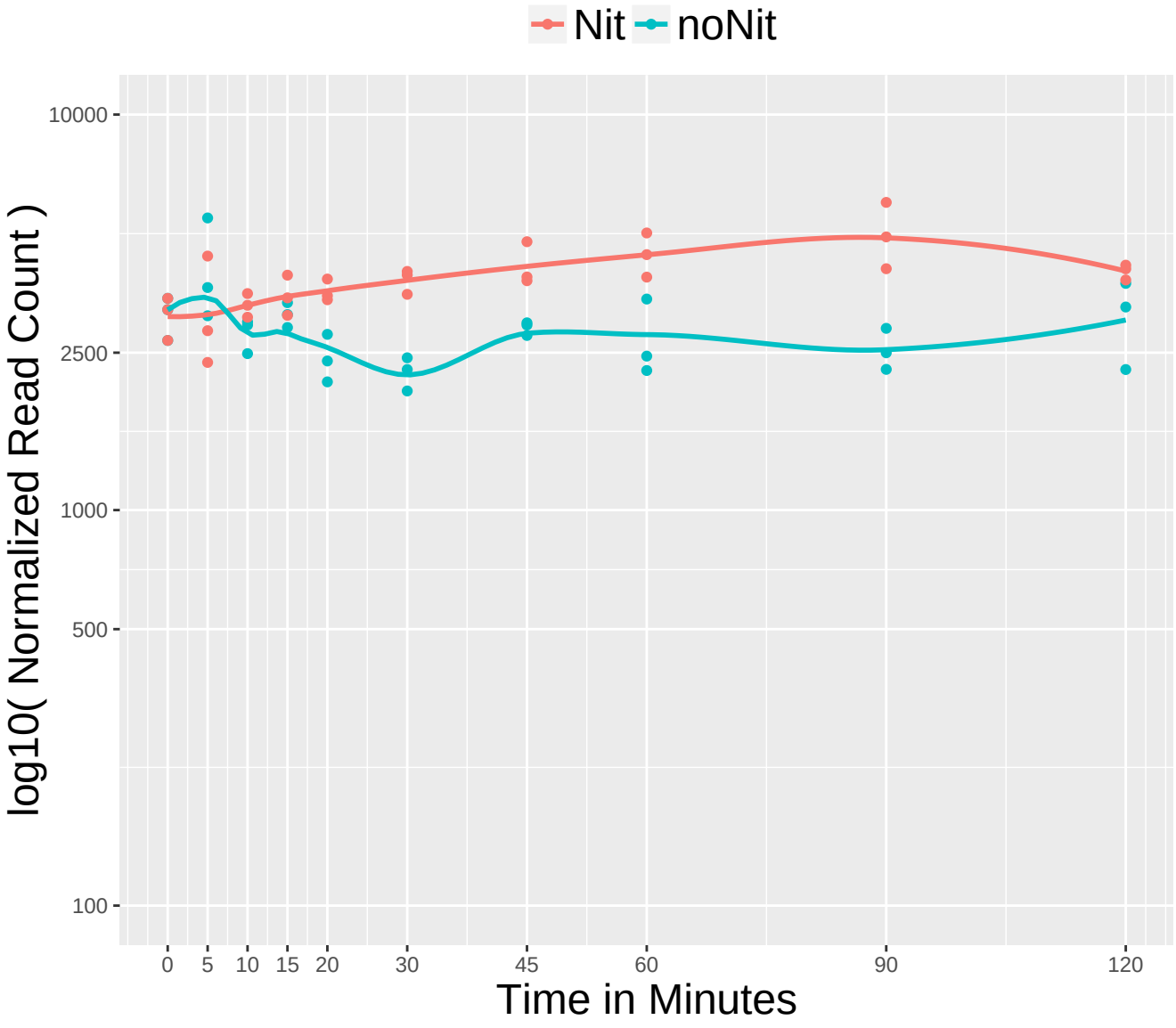
AT2G22100

RNA−binding



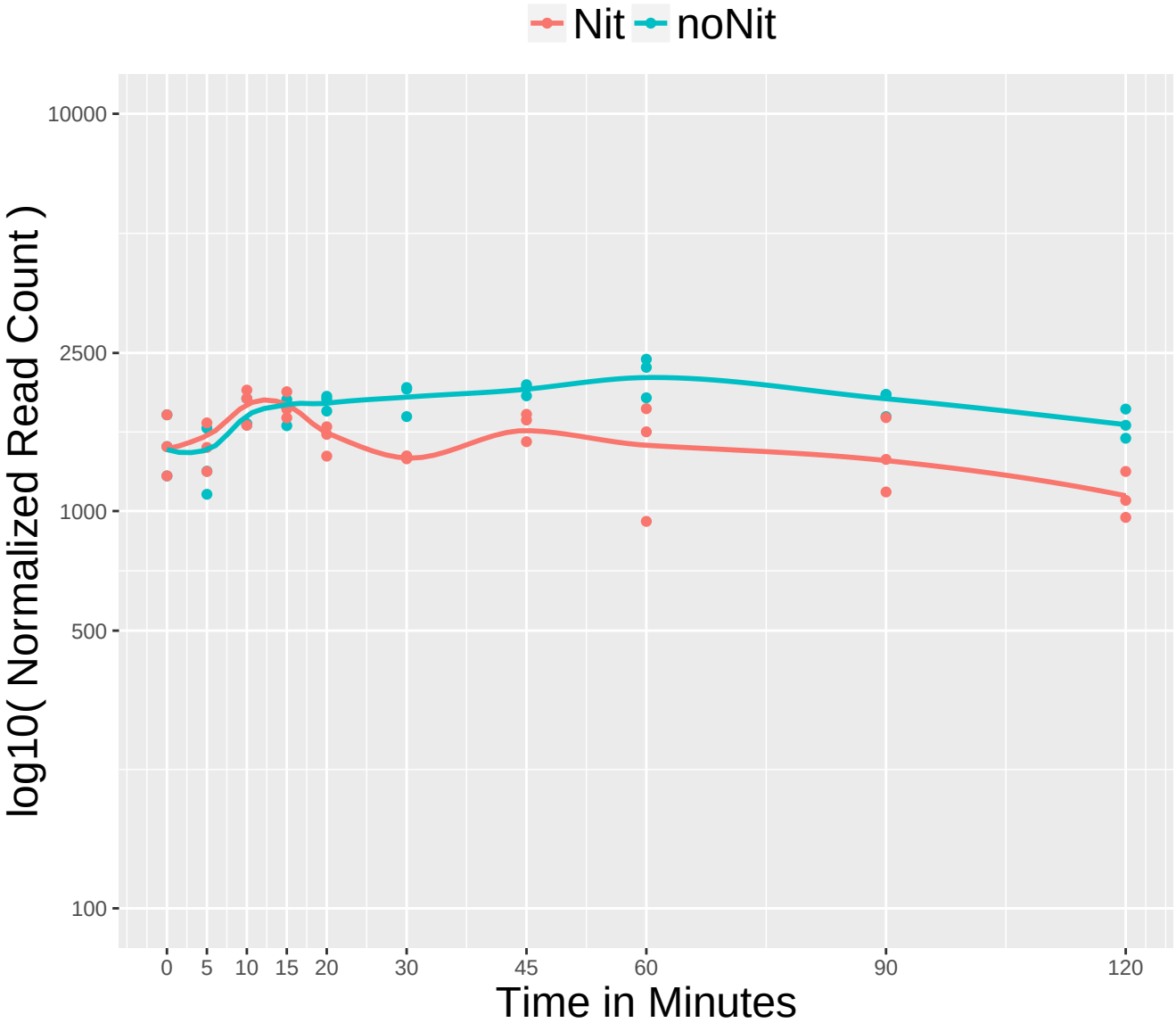
AT2G26820

ATPP2−A3,phloem



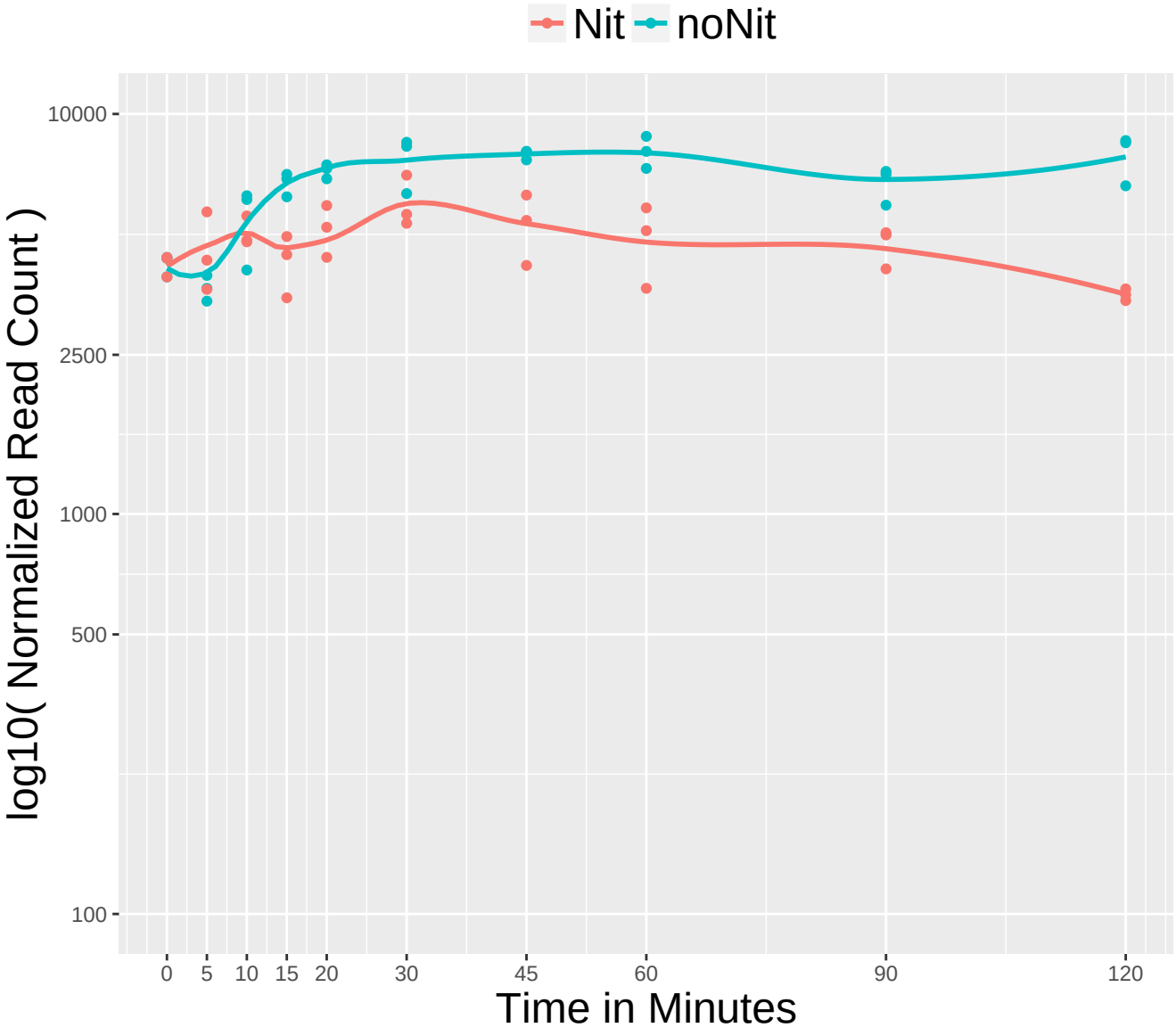
AT2G41820

PXC3,PXY/TDR−correlated



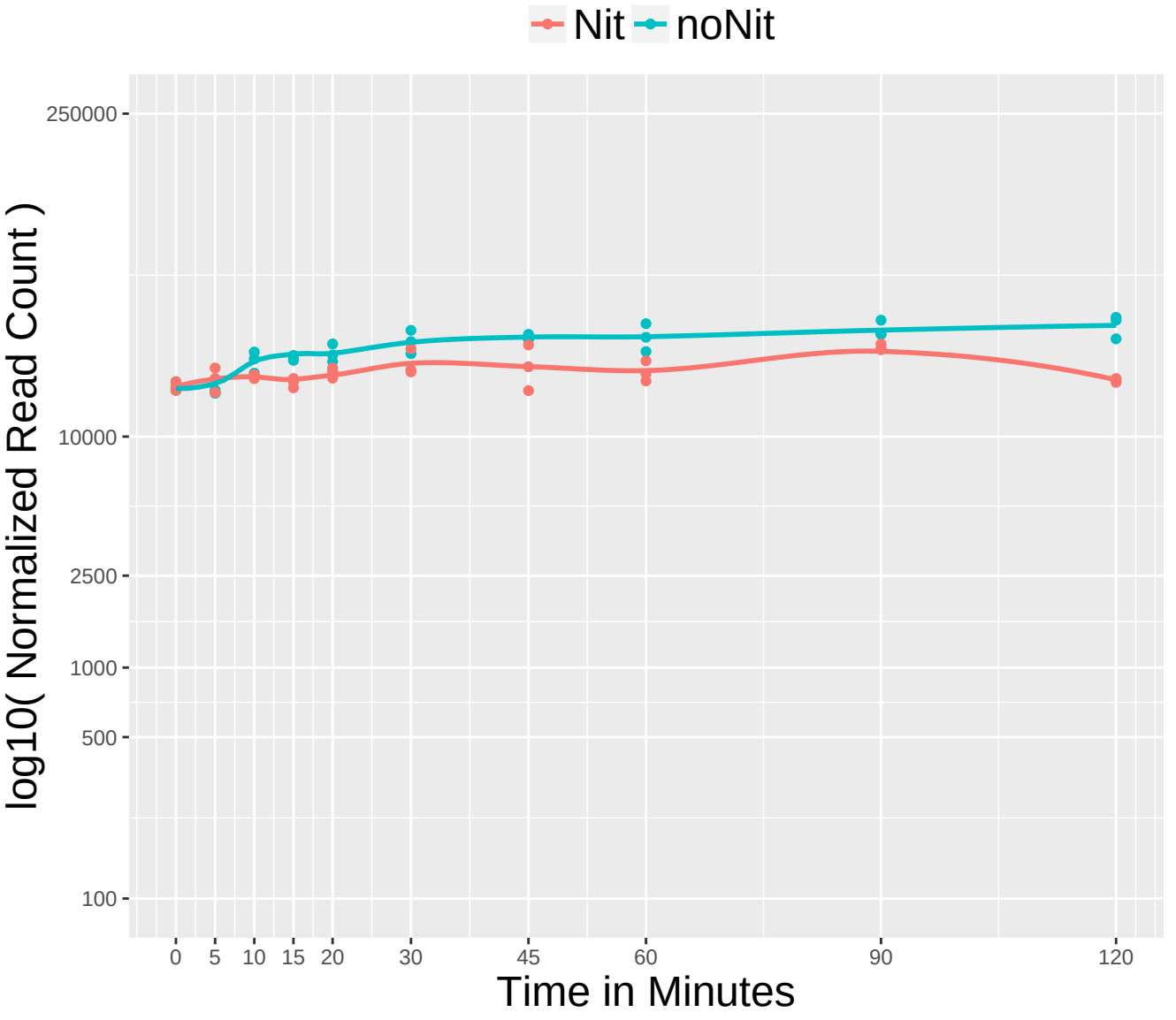
AT2G45290

Transketolase



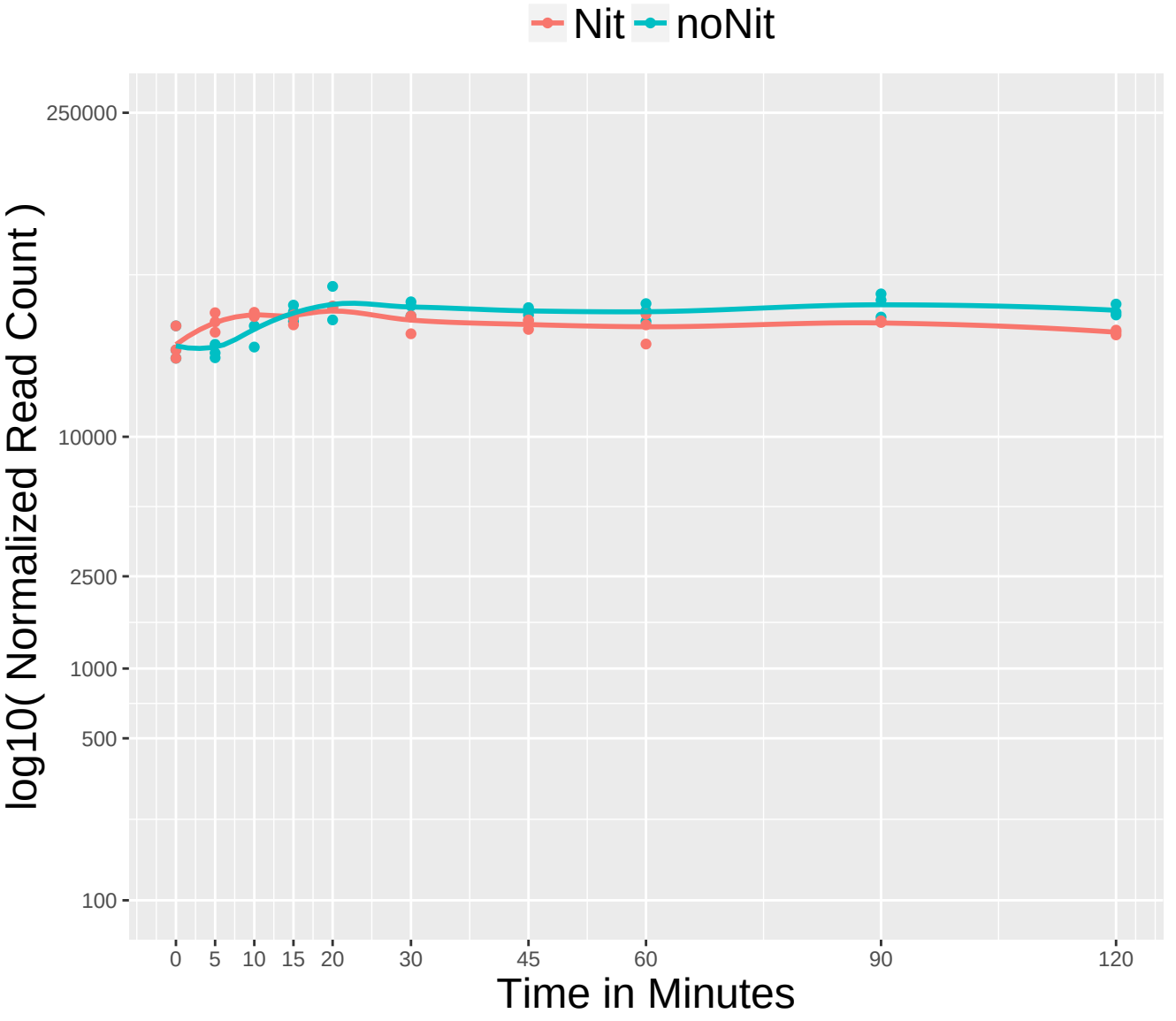
AT3G15730

PLD,,PLDALPHA1,phospholipase



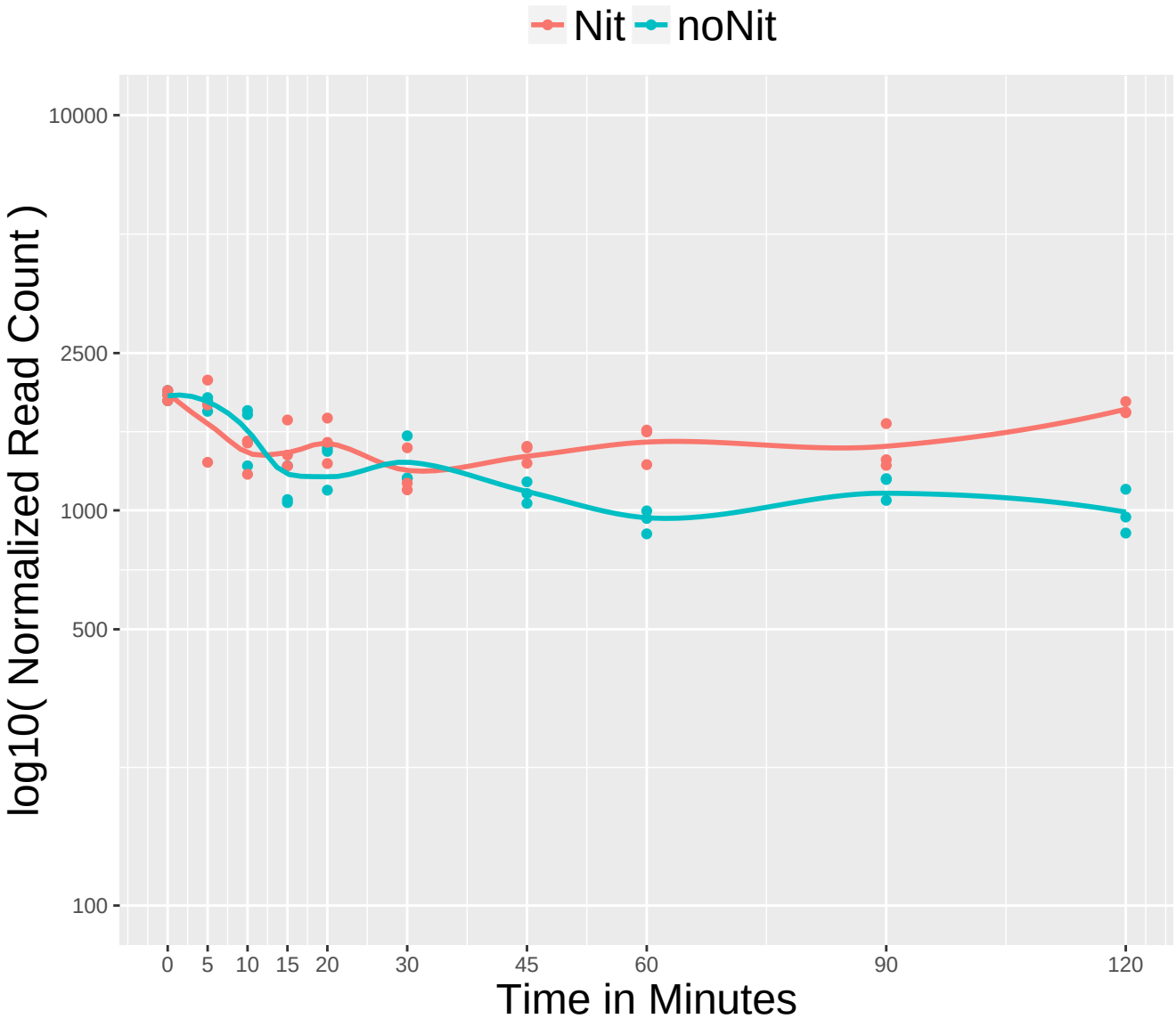
AT3G18780

ACT2,actin



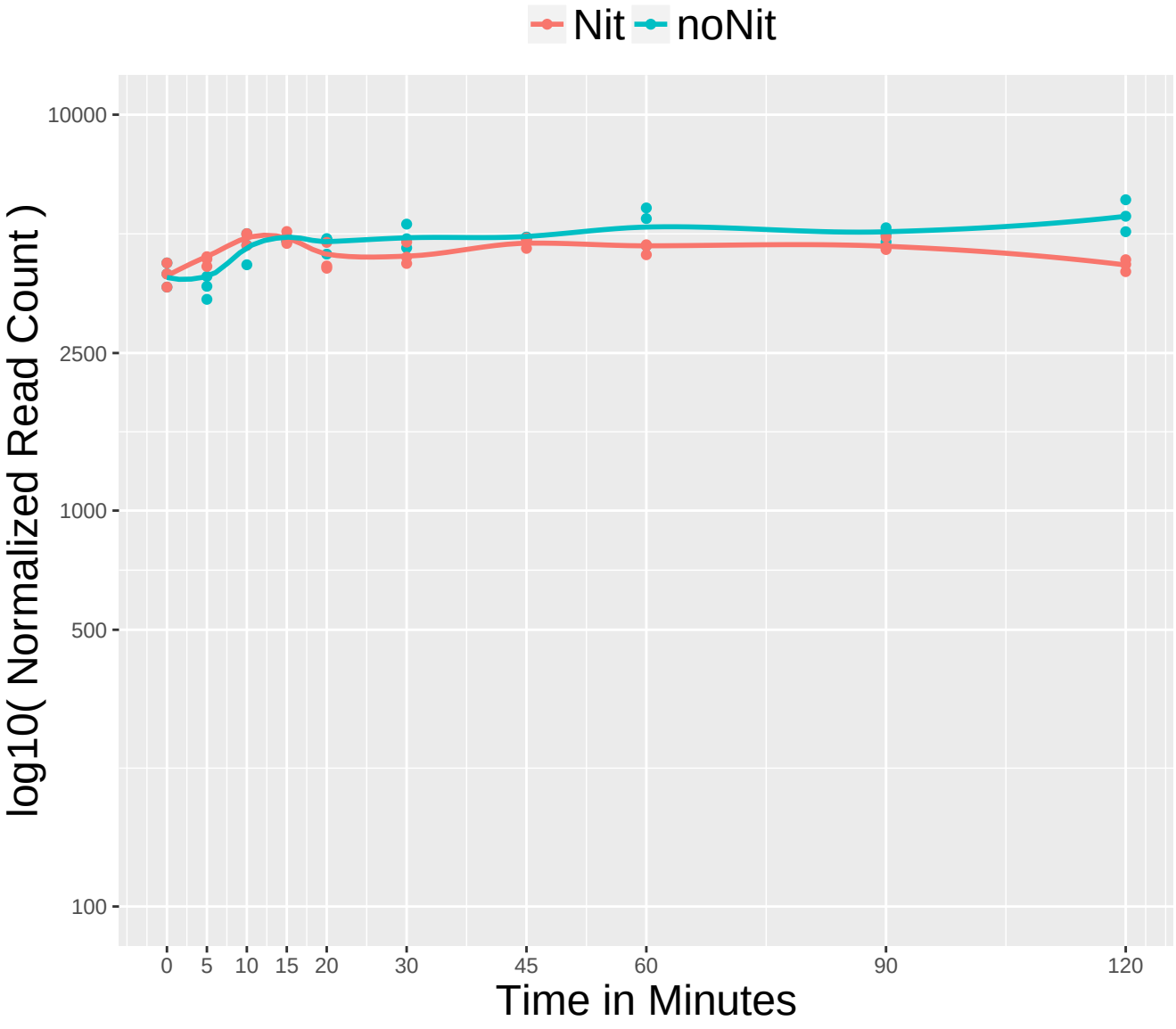
AT4G00238

DNA−binding



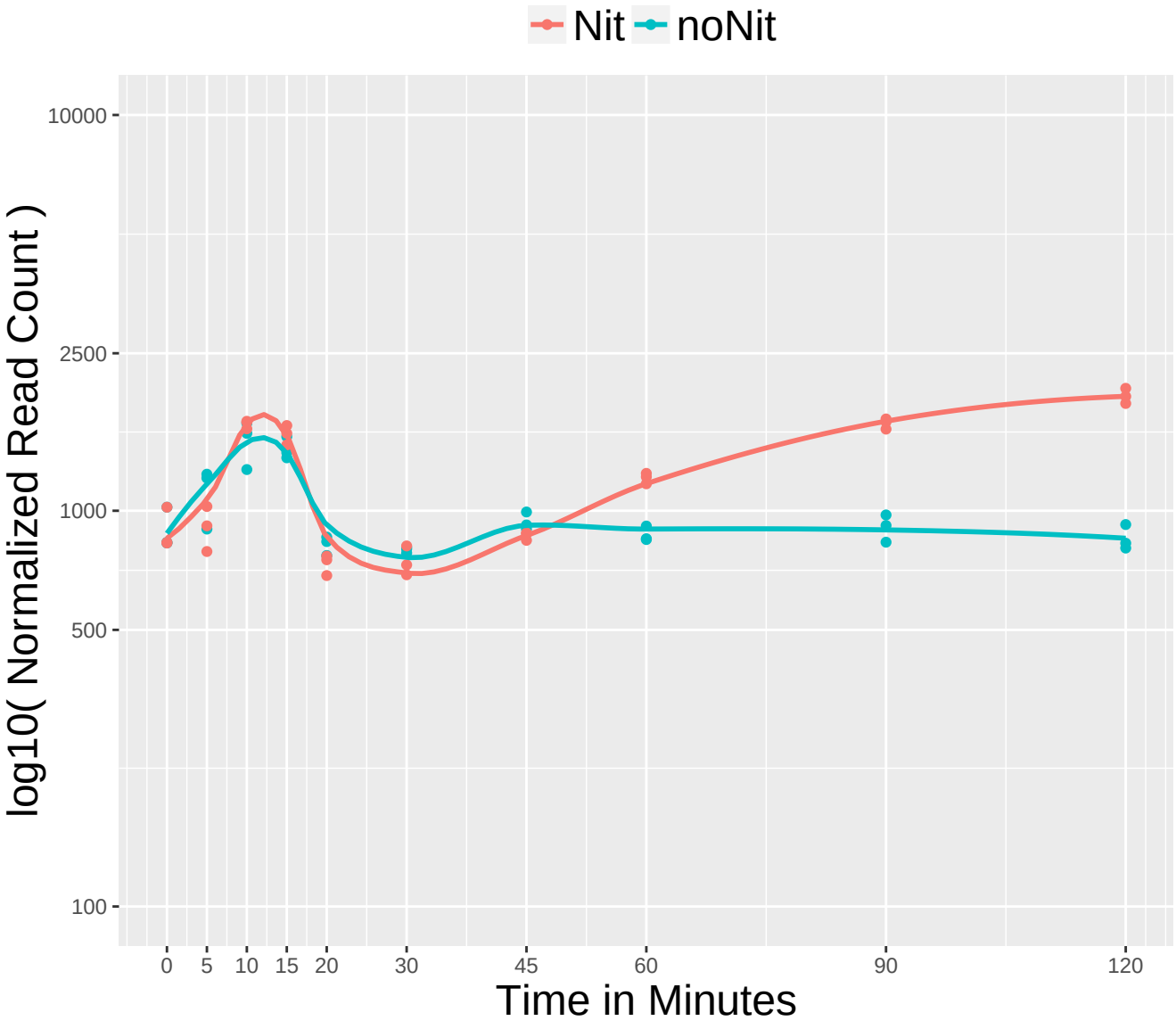
AT4G11380

Adaptin



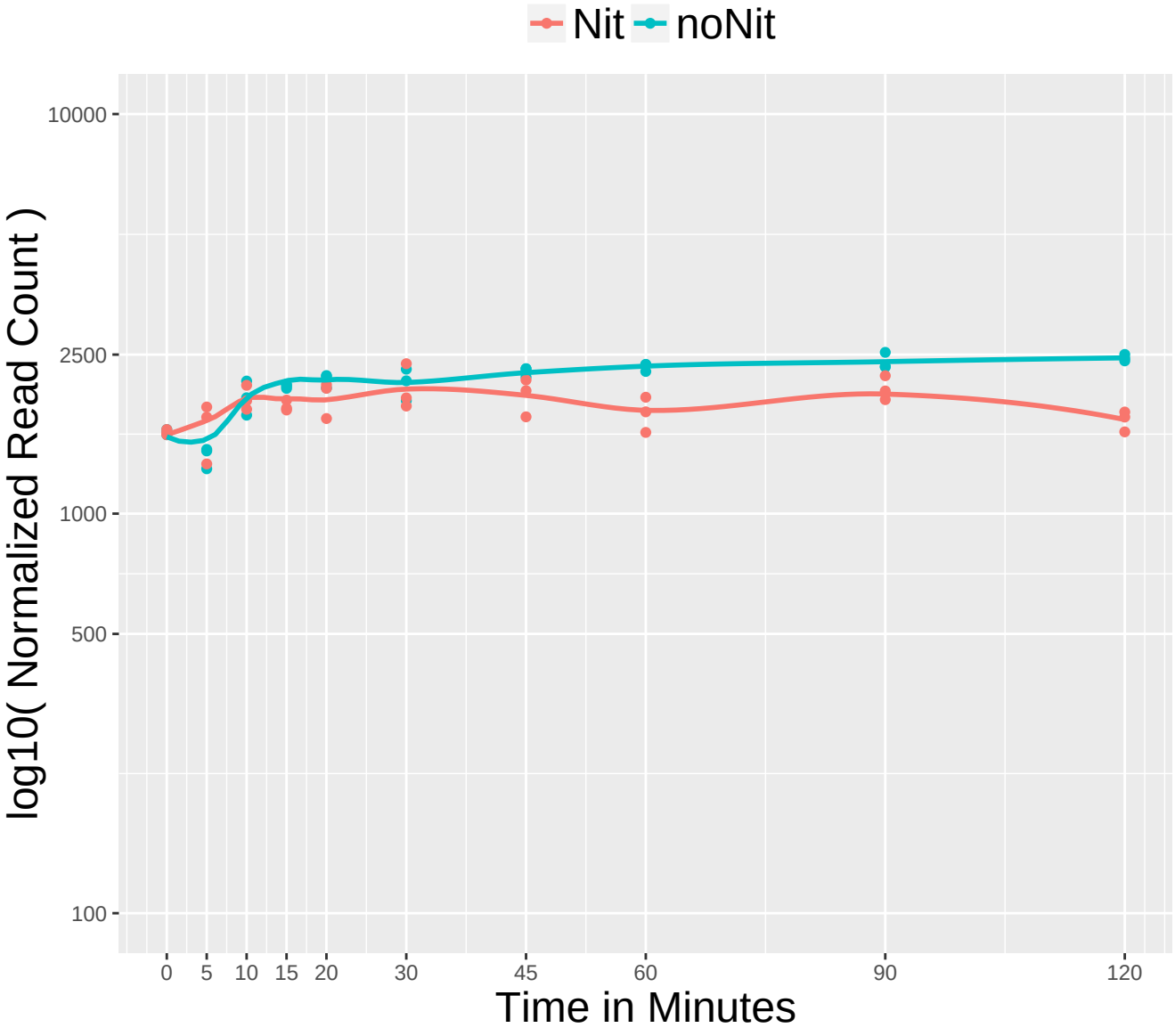
AT4G16790

hydroxyproline−rich



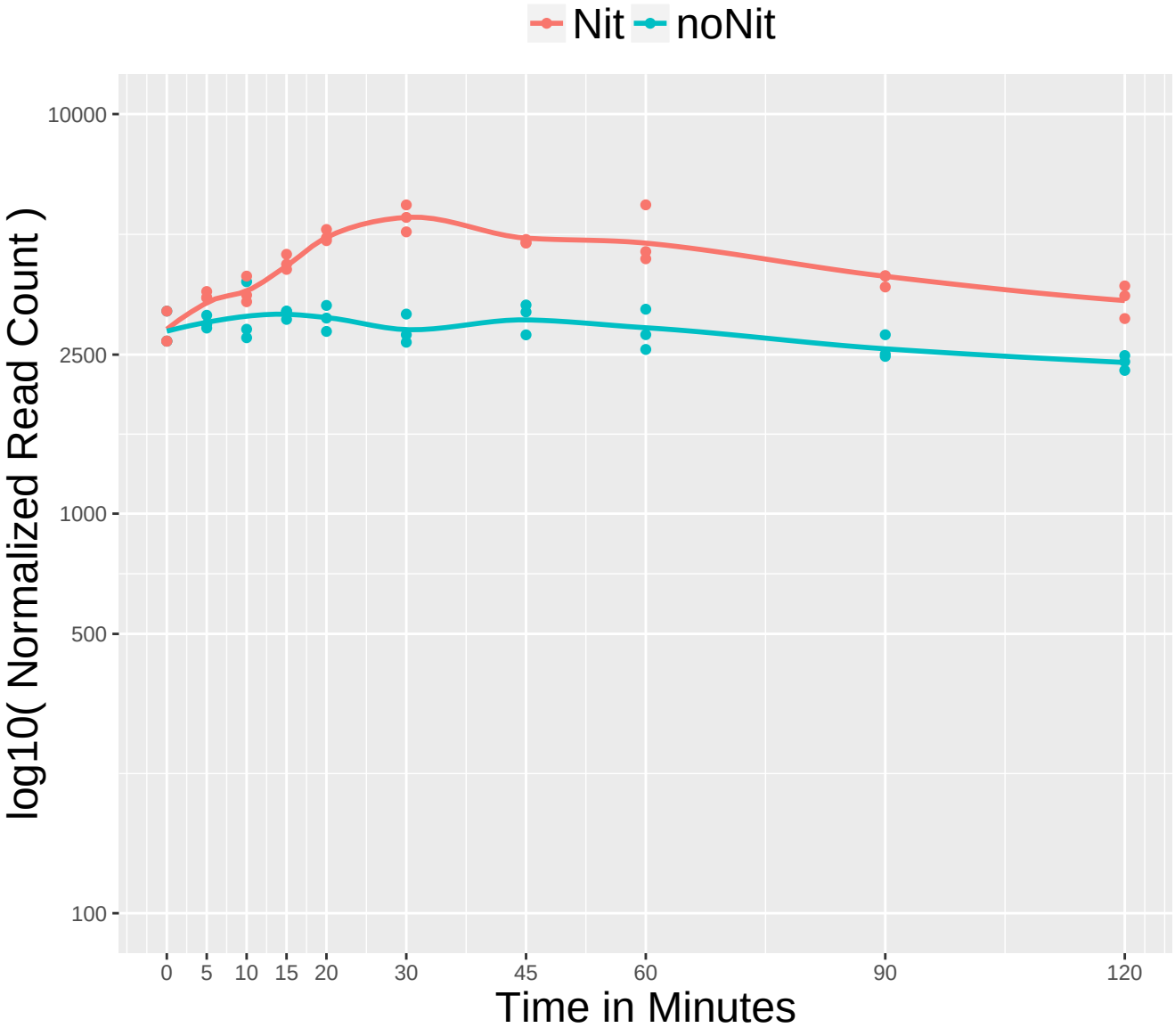
AT4G17270

Mo25



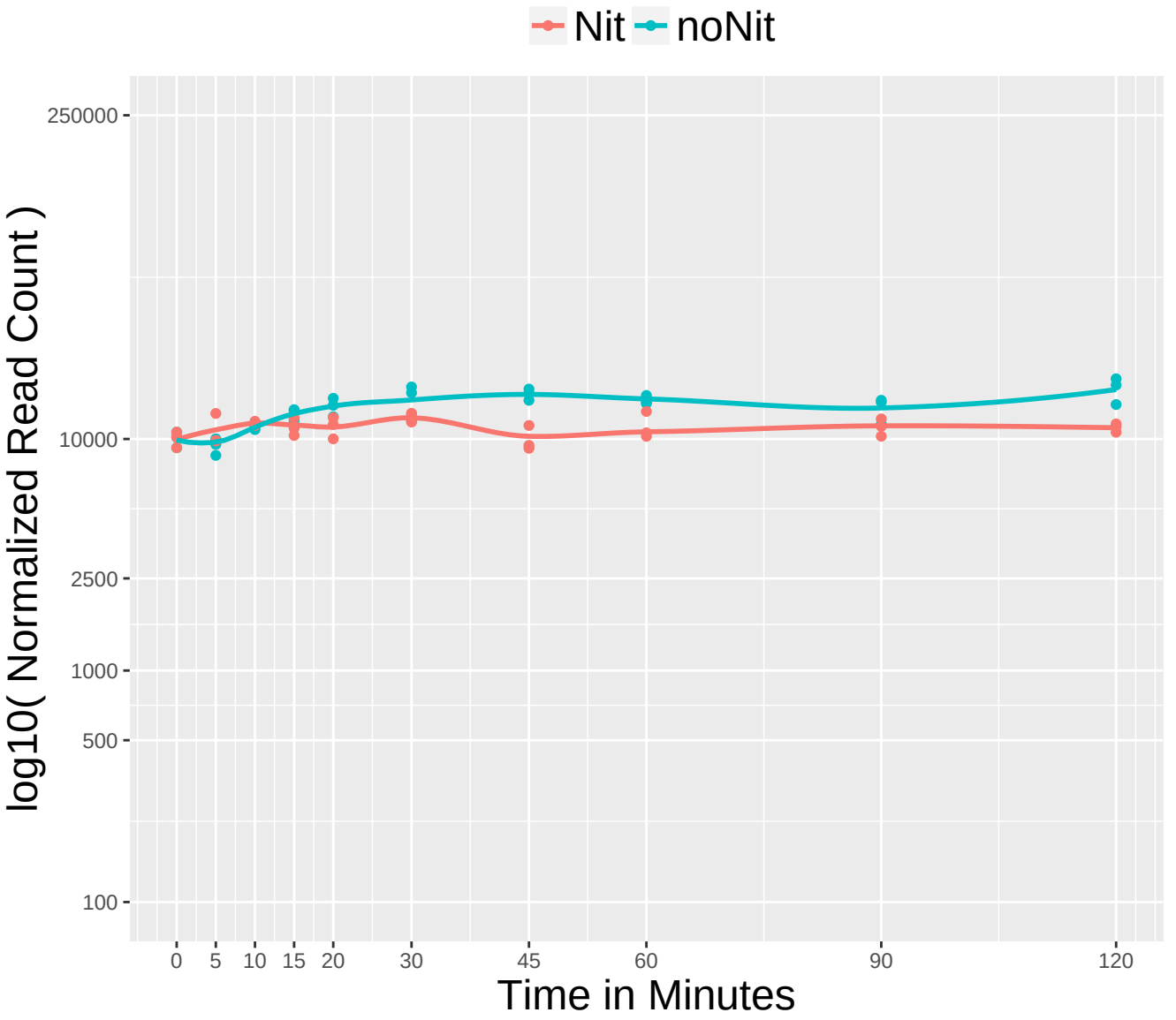
AT4G22820

A20/AN1−like



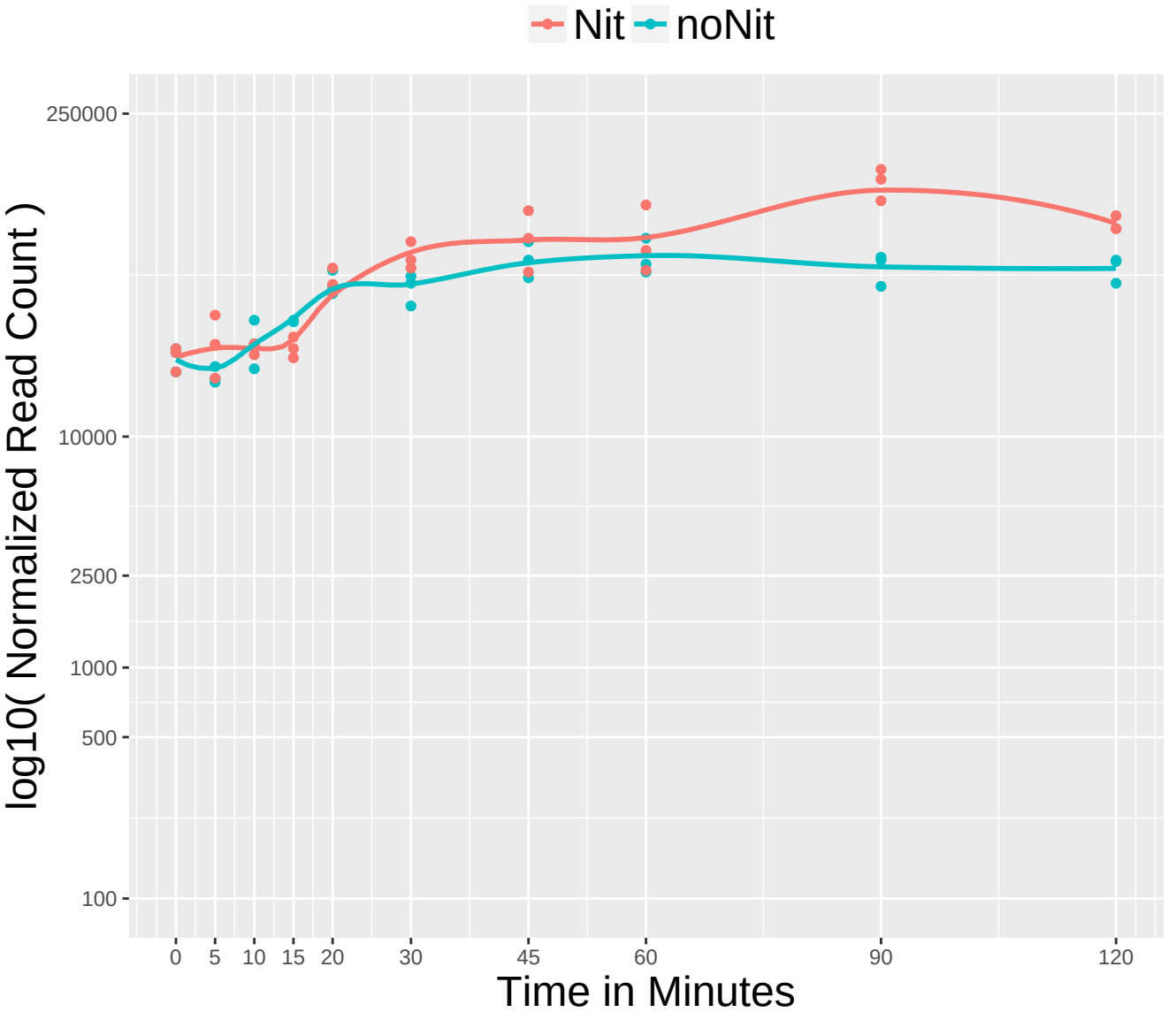
AT4G23100

ATECS1,,AtGSH1,,CAD2,CADMIUM



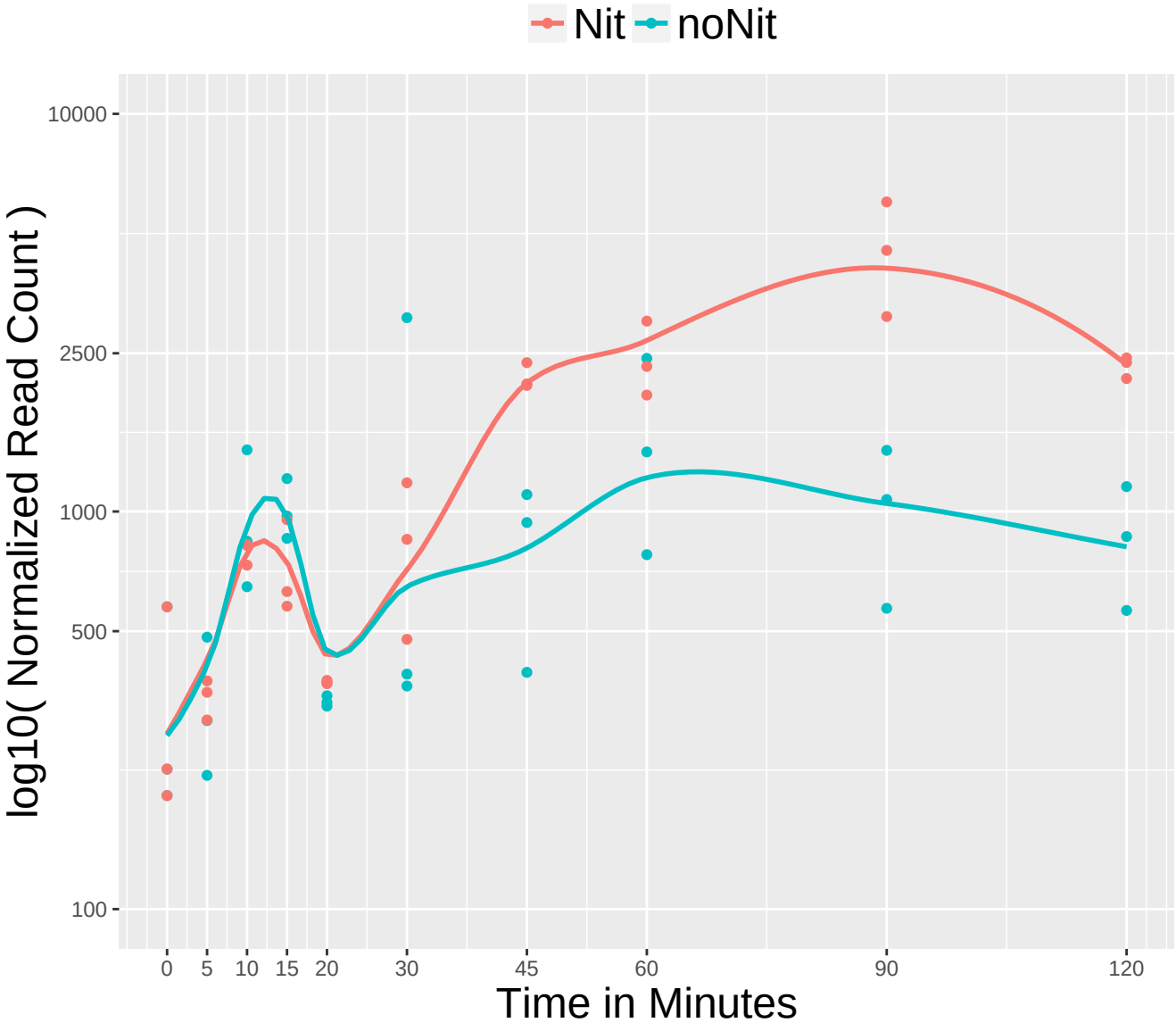
AT4G30190

AHA2,H(+)−ATPase



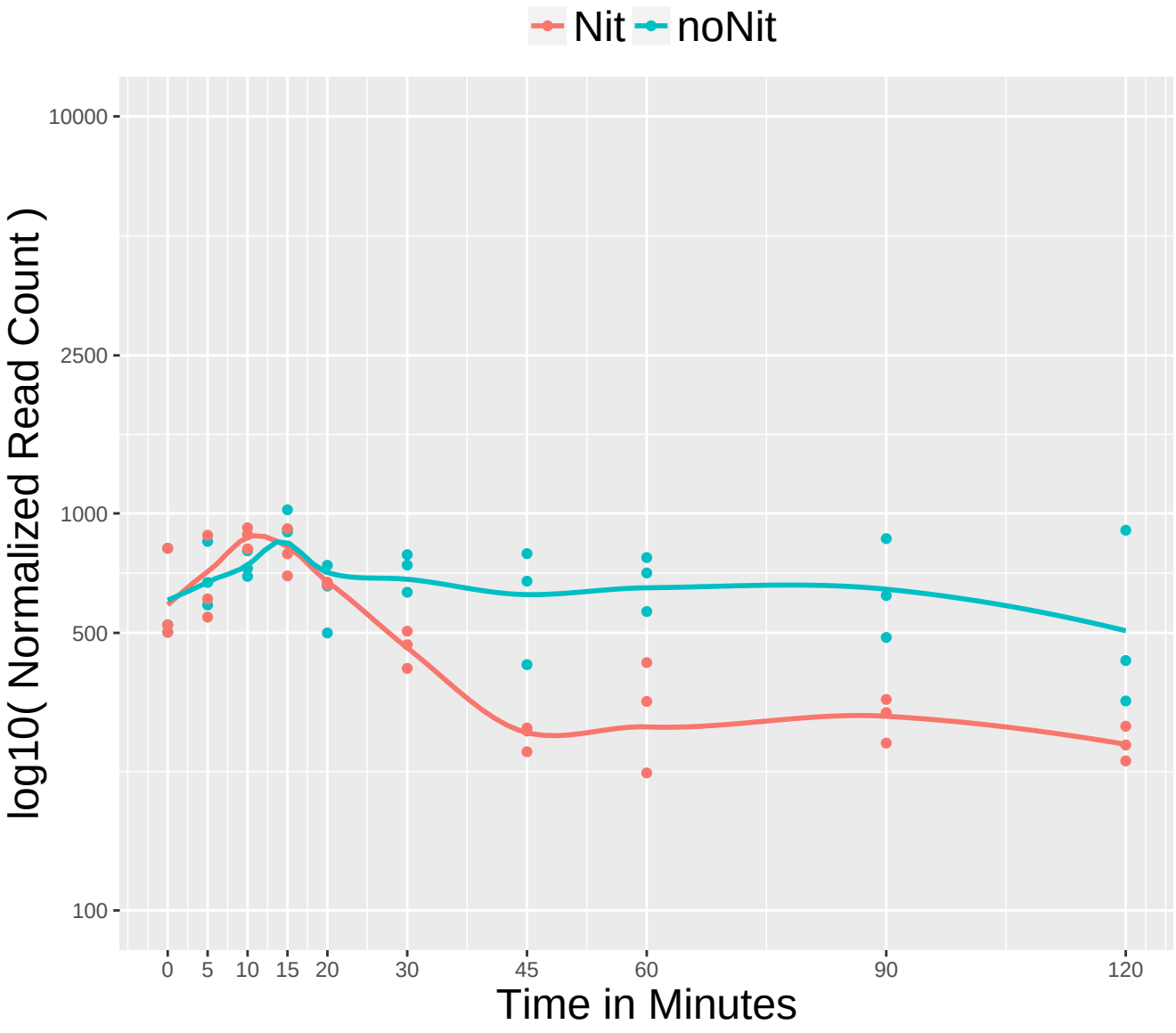
AT4G37390

AUR3,AUXIN



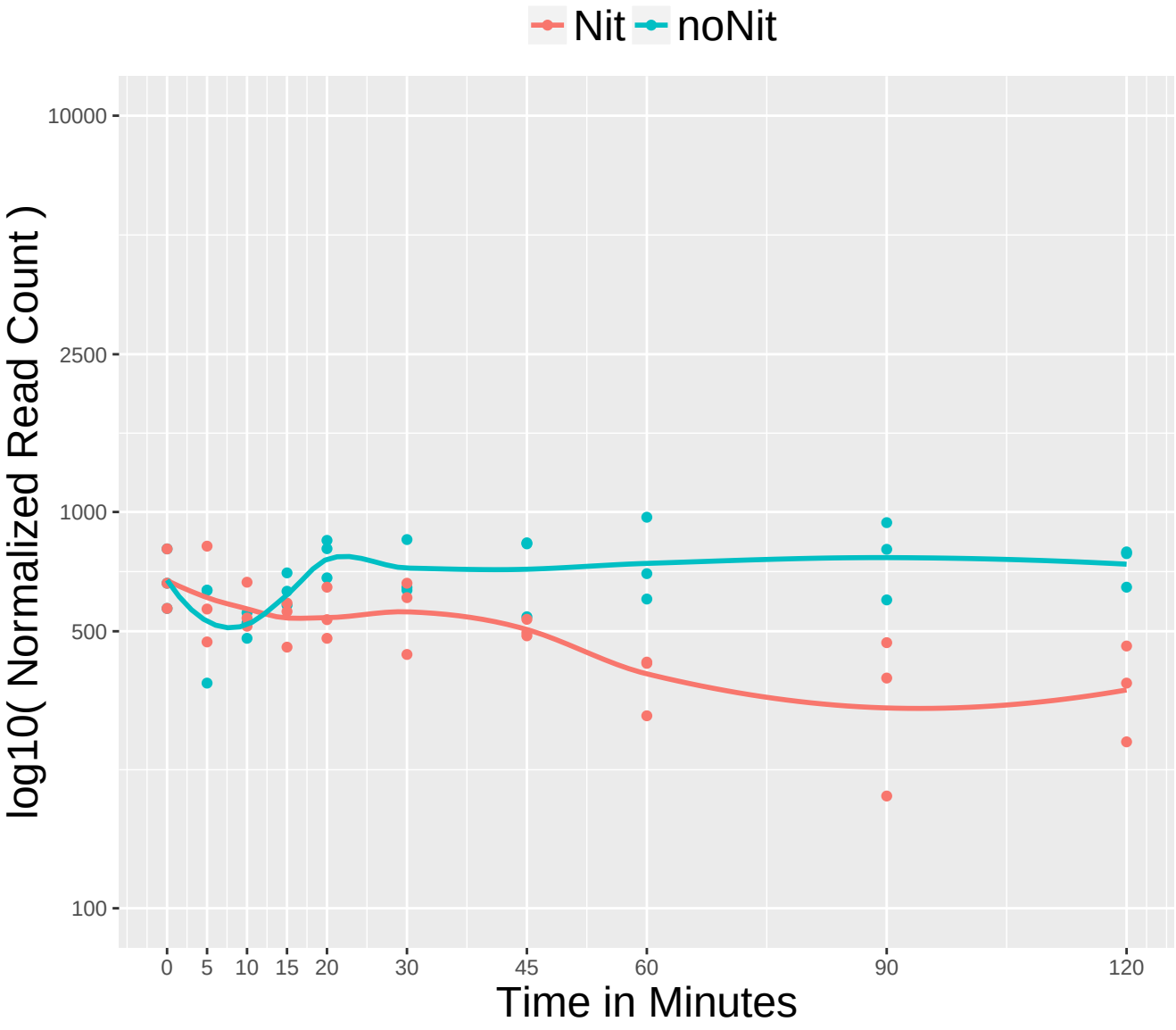
AT5G01100

FRB1,FRIABLE



AT5G36180

scpl1,serine



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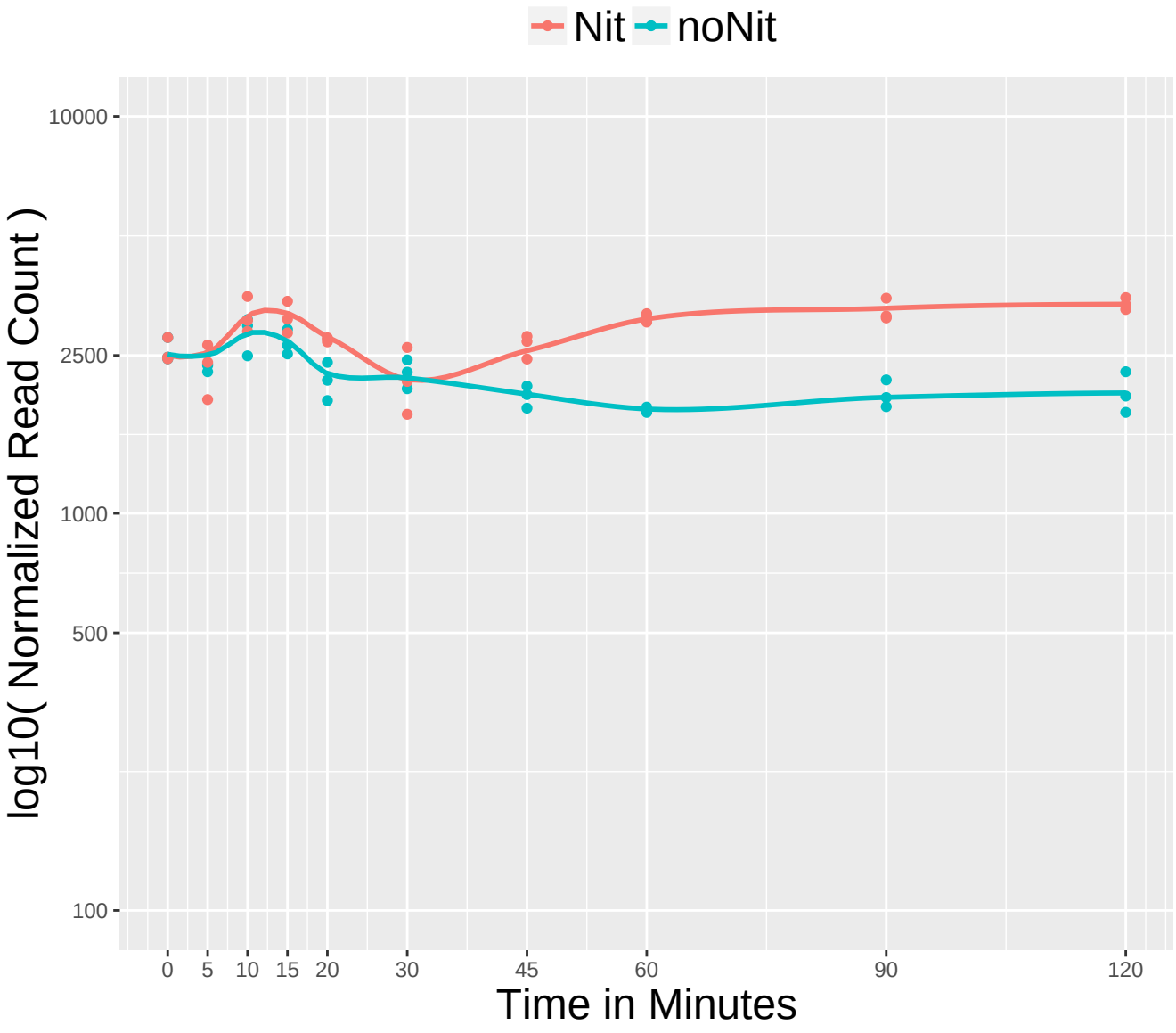
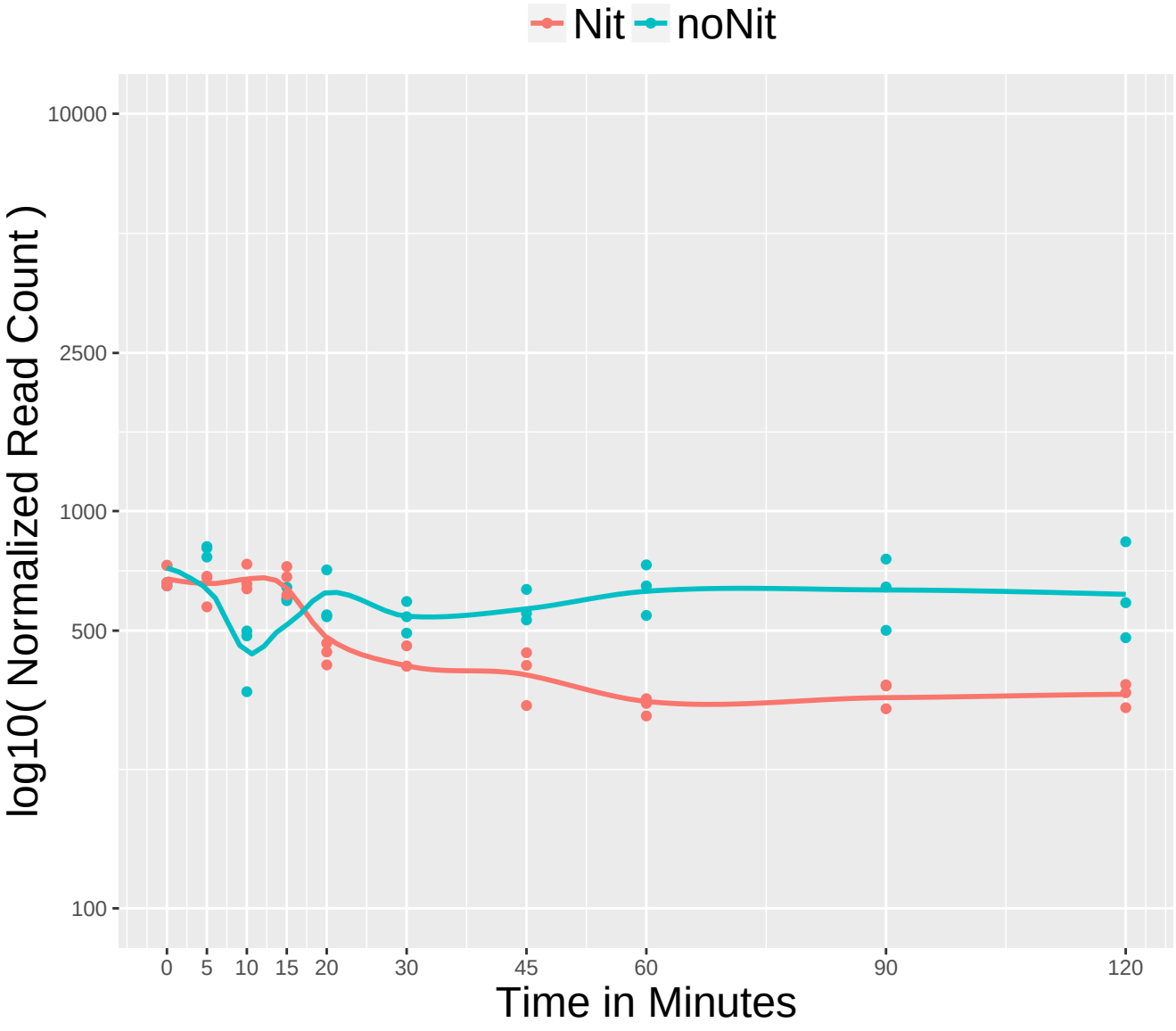
AtNOB1,,NOB1



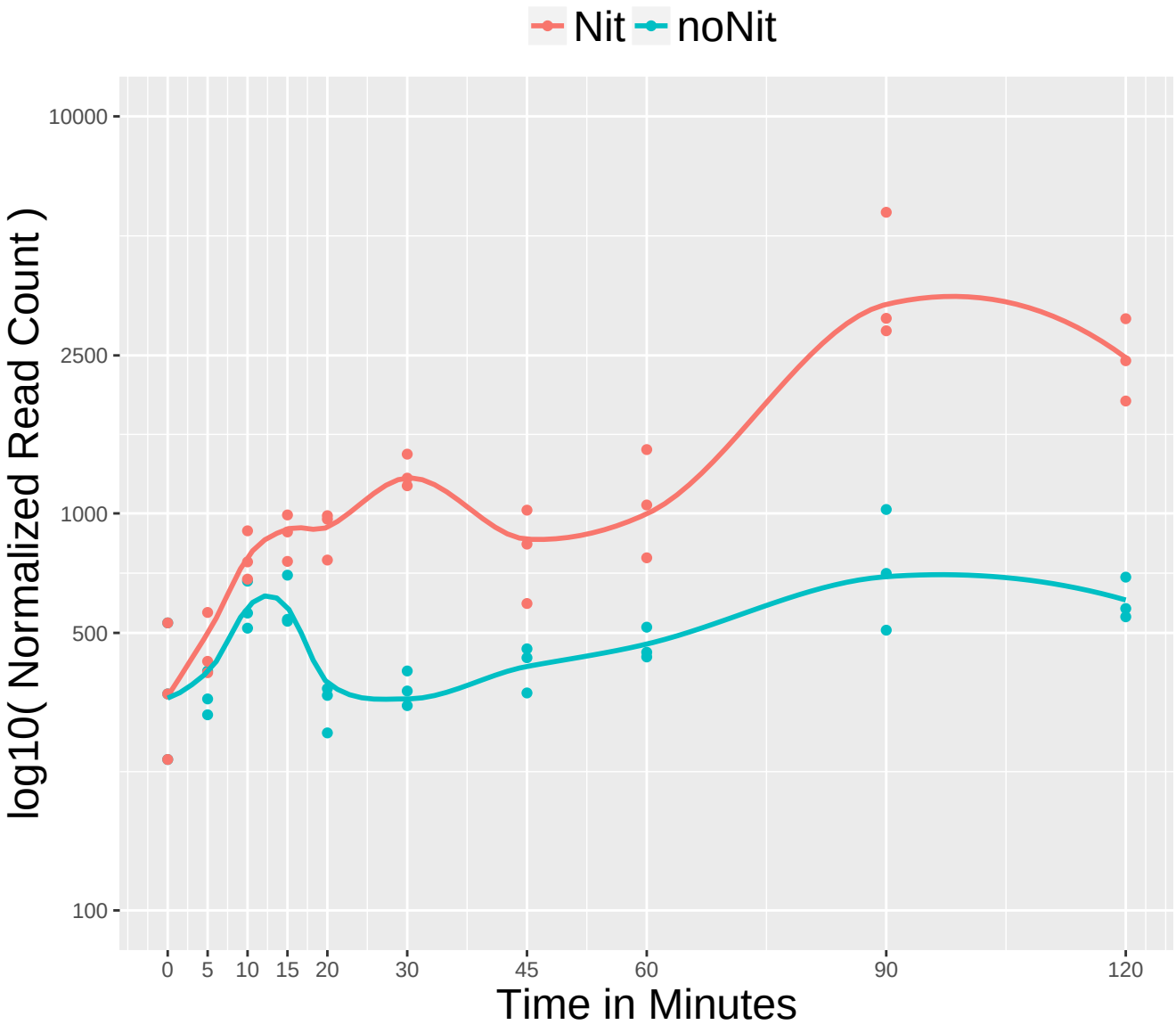
AT5G46520

VICTR,VARIATION



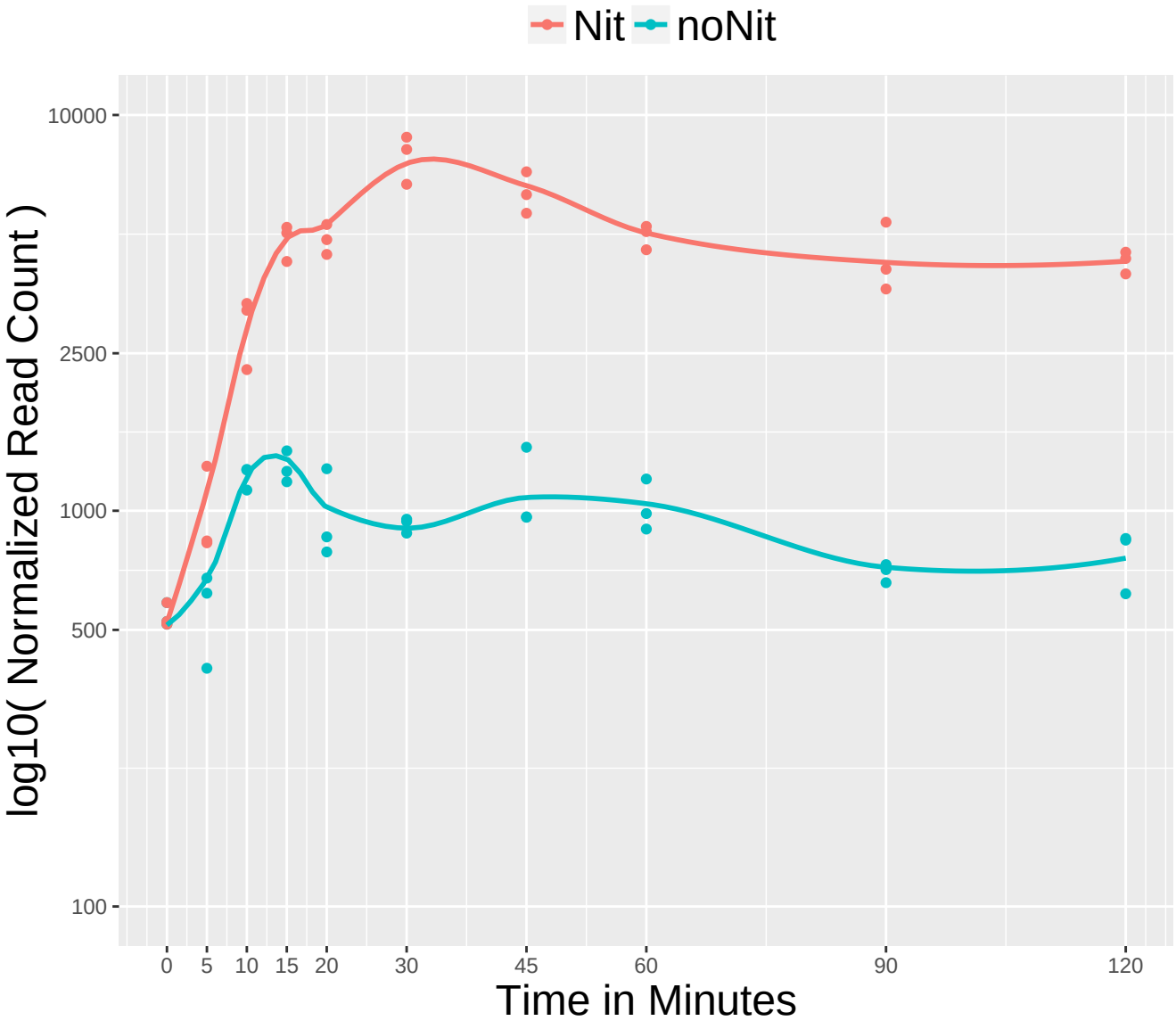
AT1G13260

EDF4,ETHYLENE



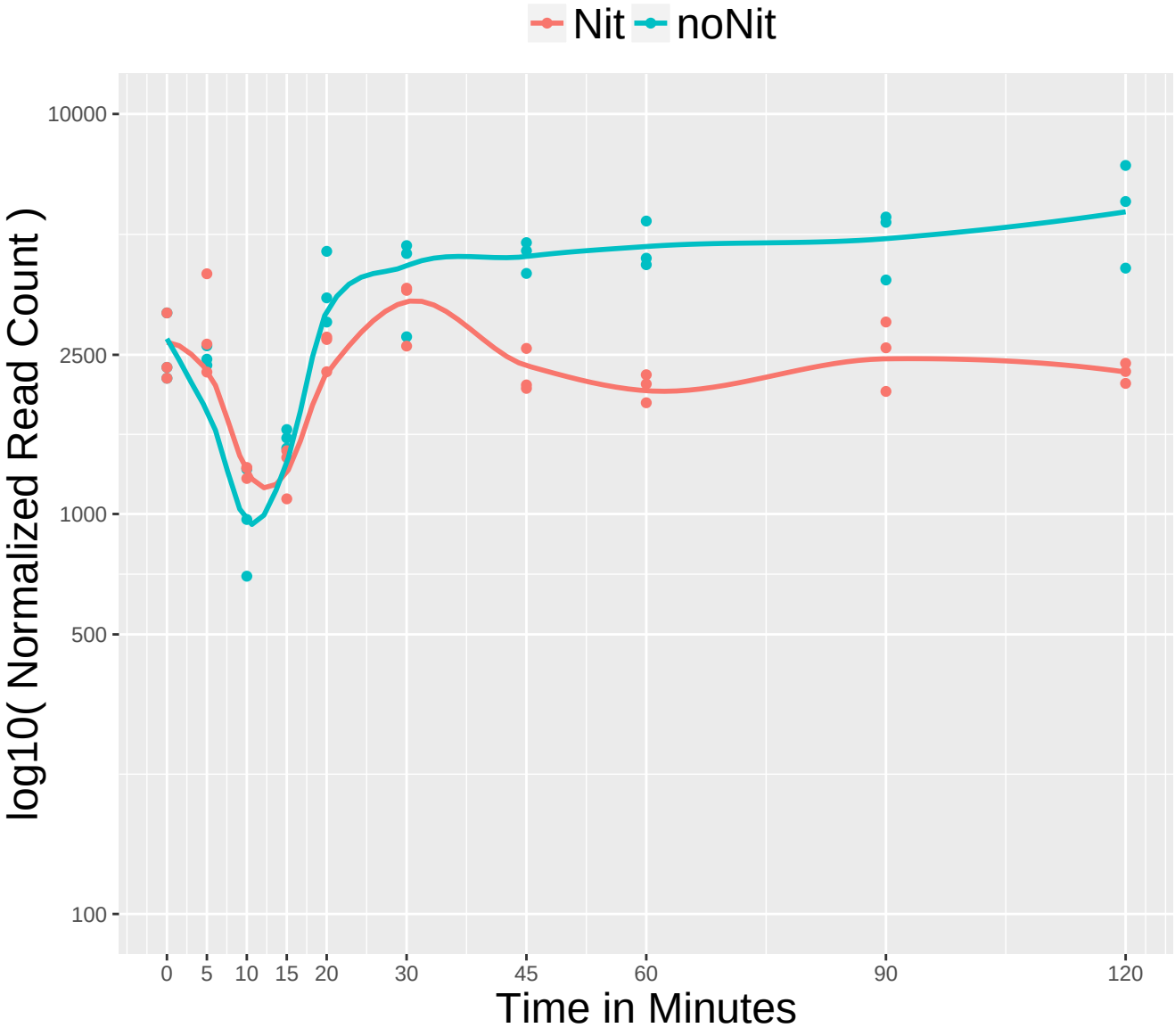
AT1G25550

HHO3,myb−like



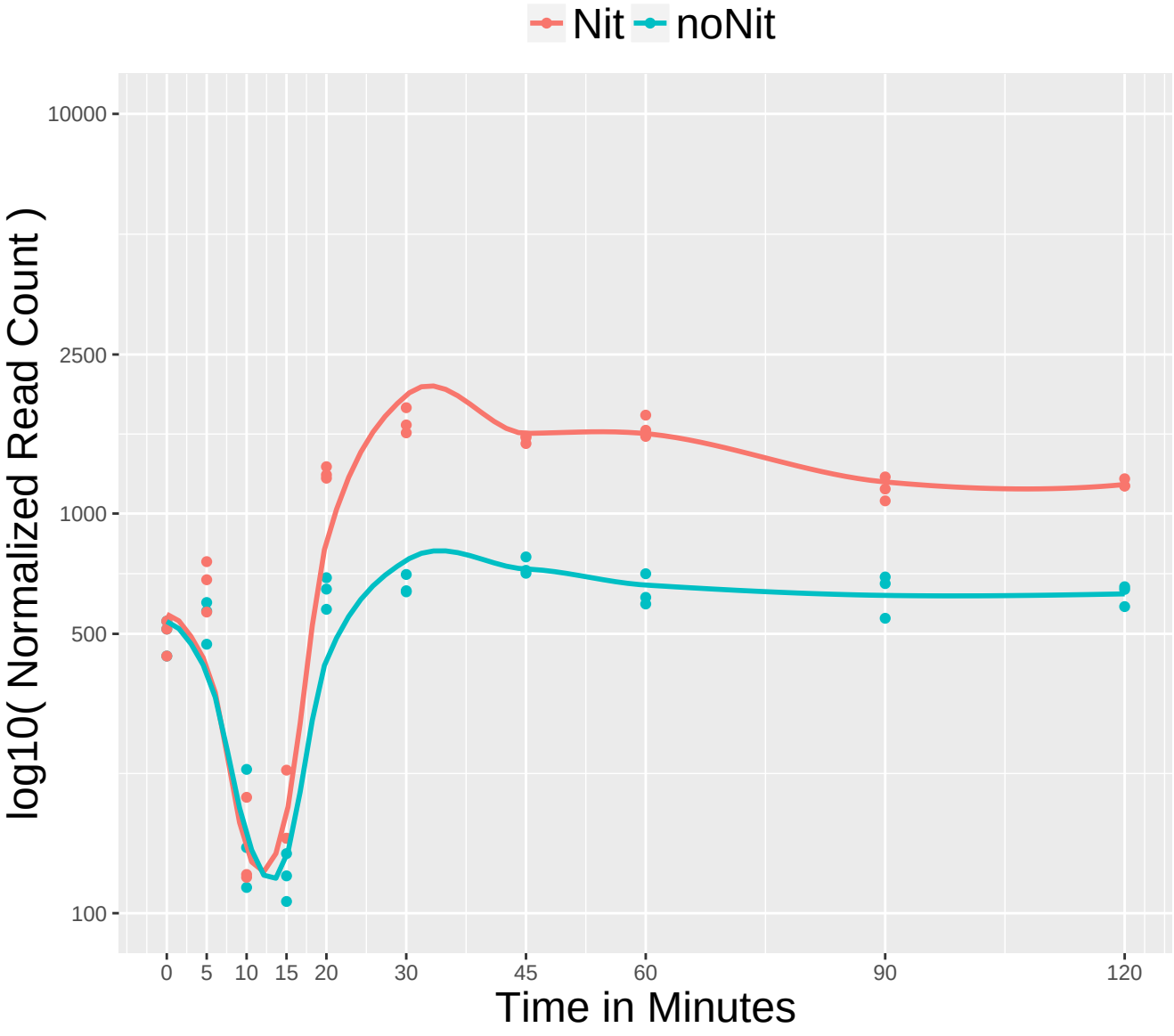
AT1G51890

Leucine−rich



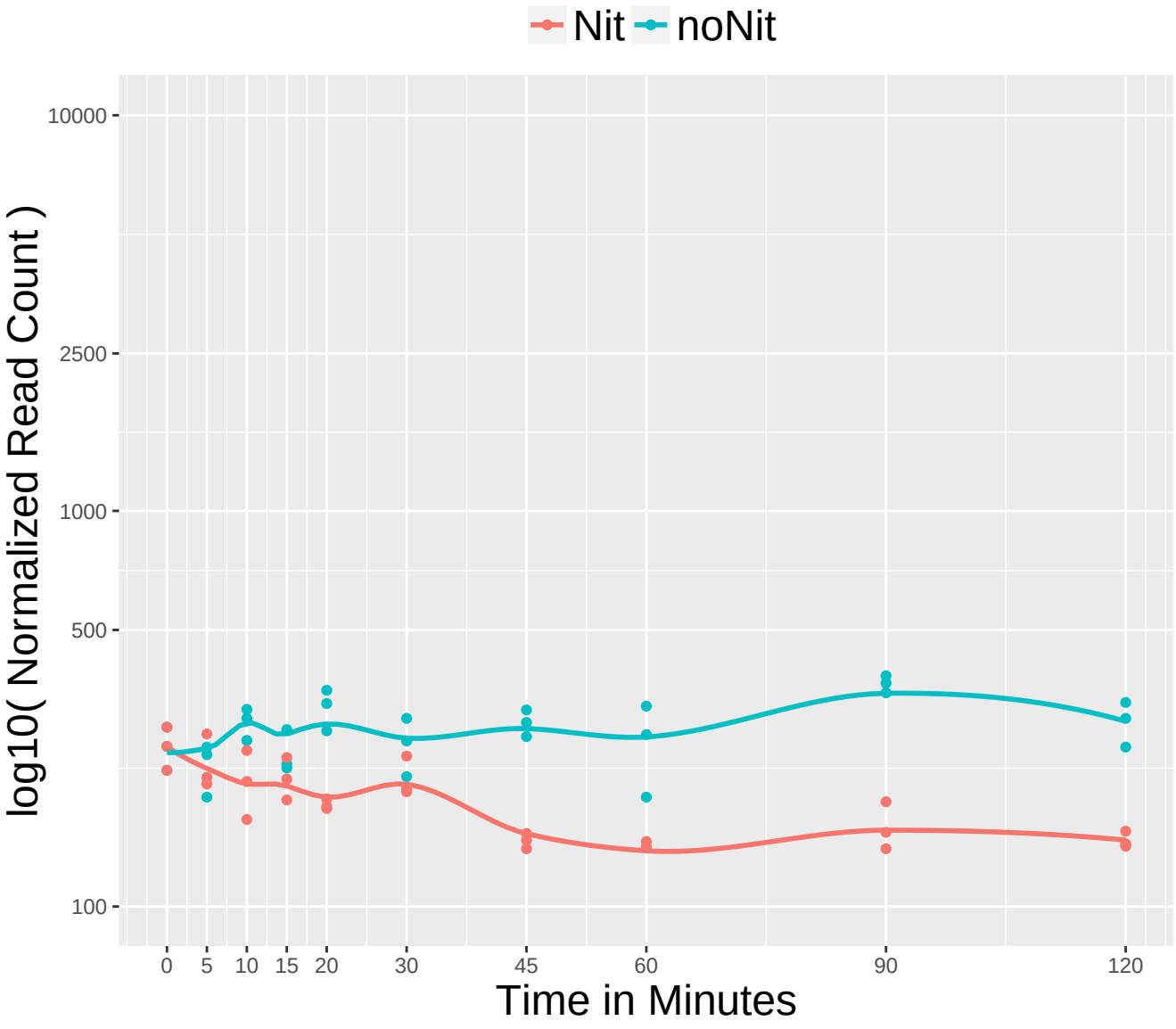
AT1G57610

Protein



AT1G57980

Nucleotide−sugar



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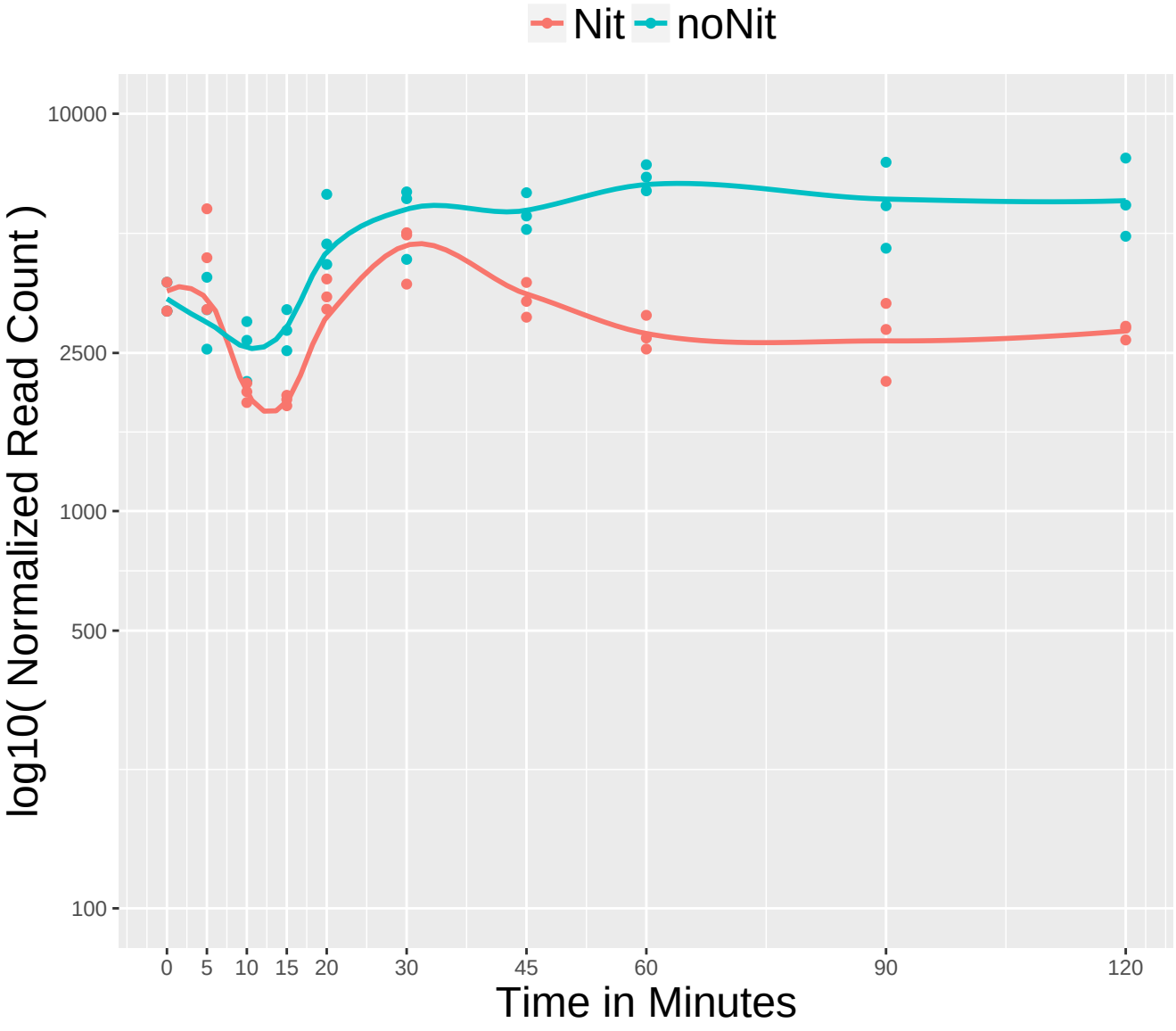
ATGSTU10,GLUTATHIONE



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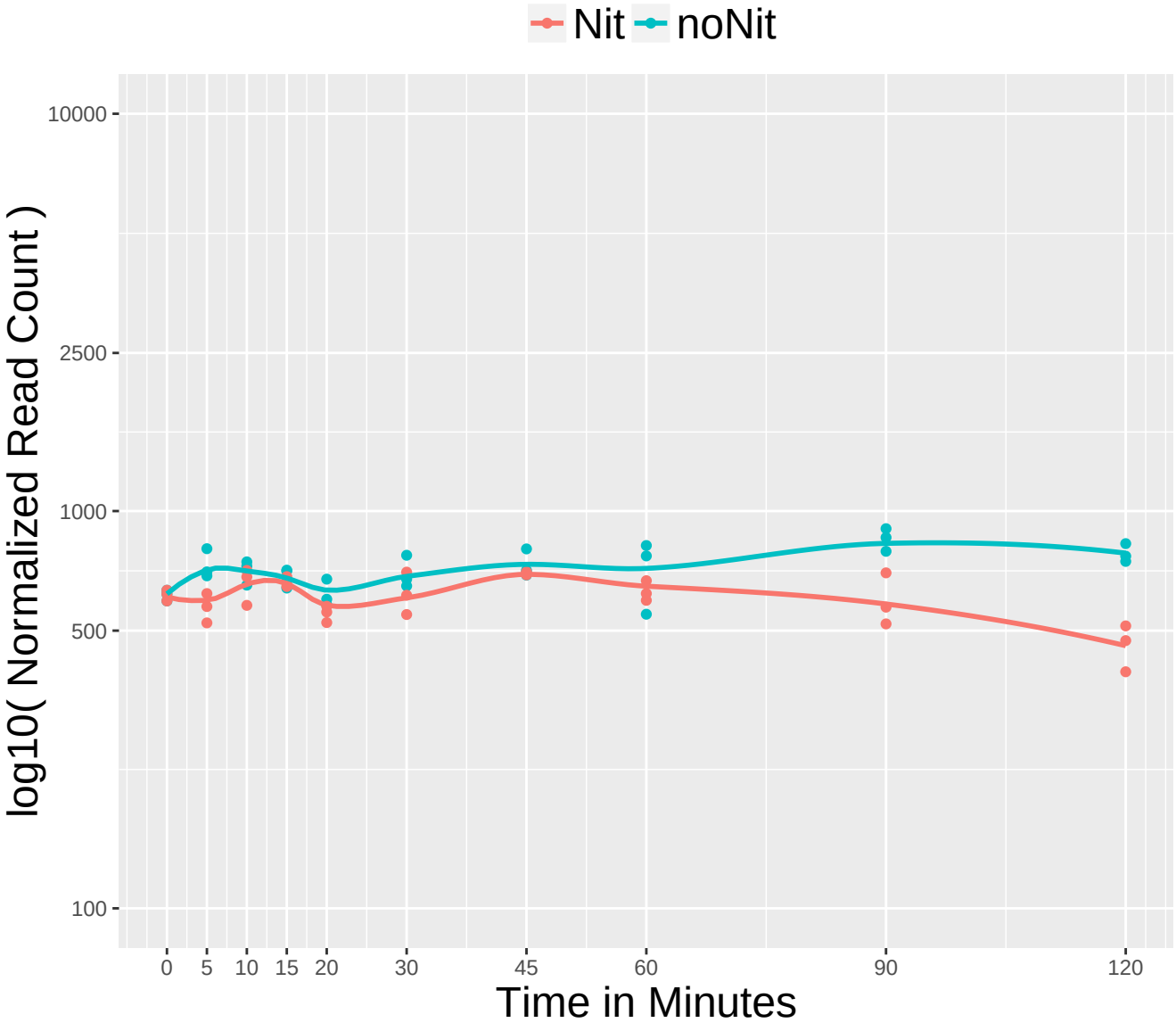

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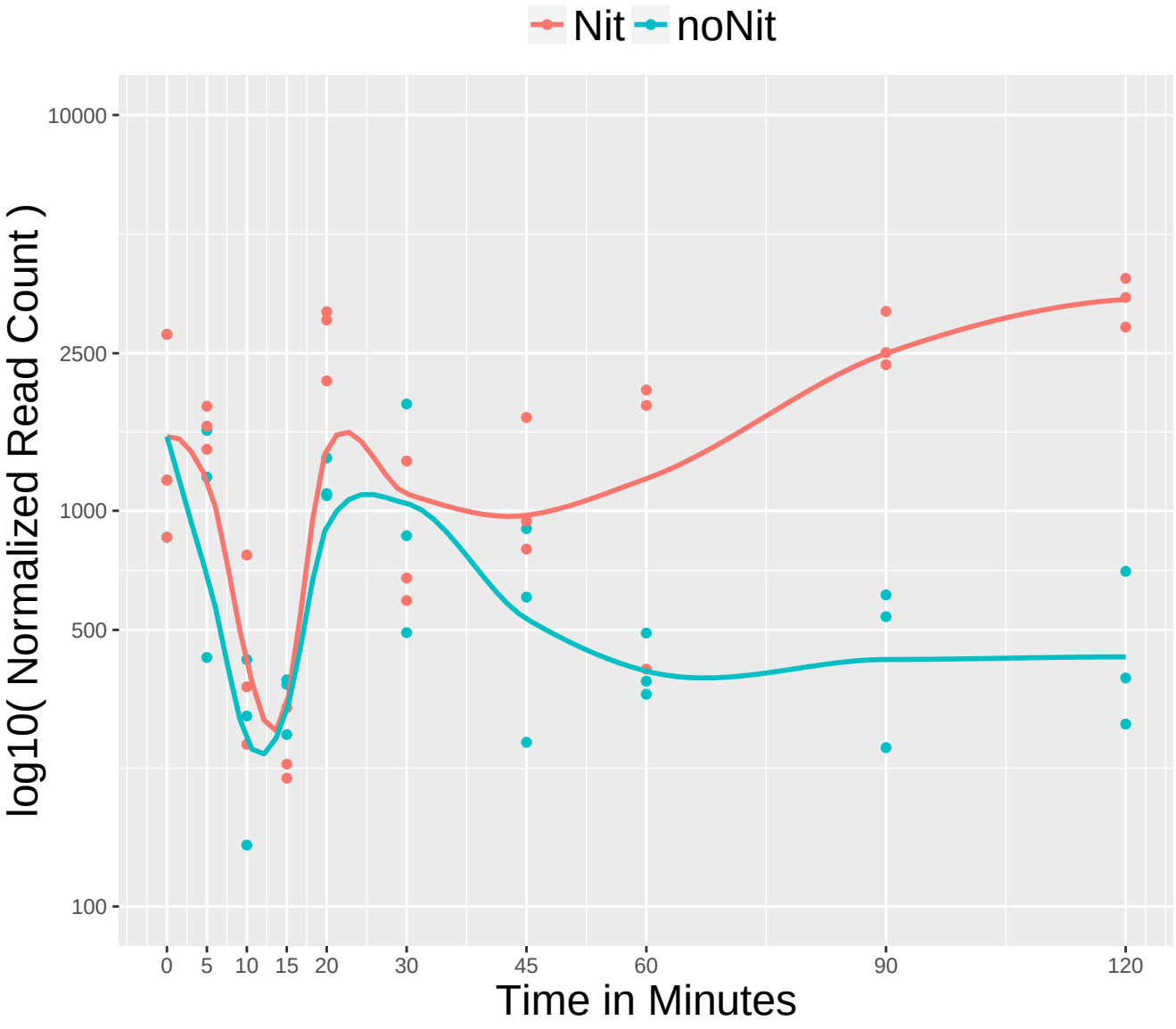
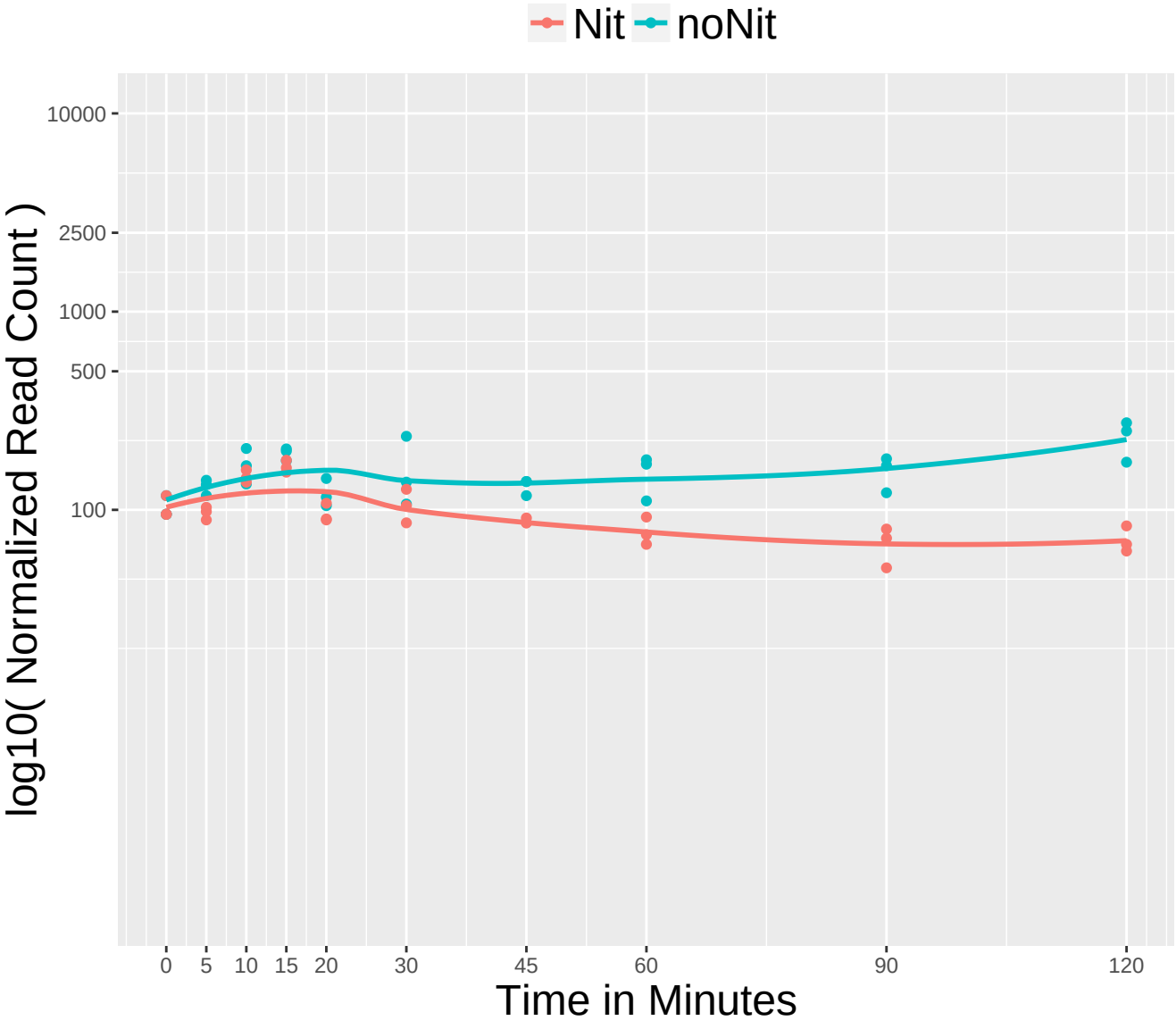
UMAMIT14,Usually



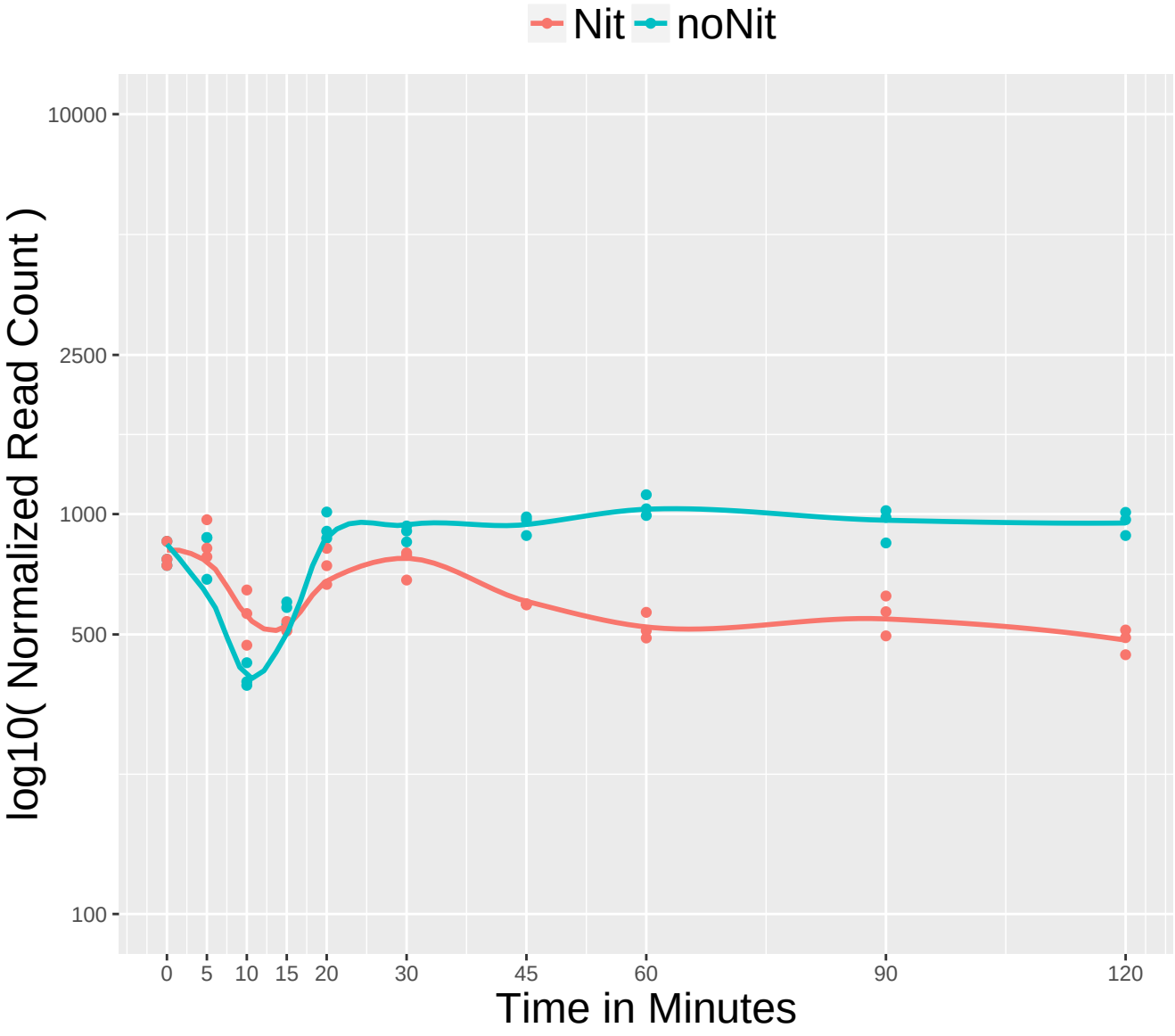
AT2G42980

Eukaryotic



AT3G02290

RING/U−box



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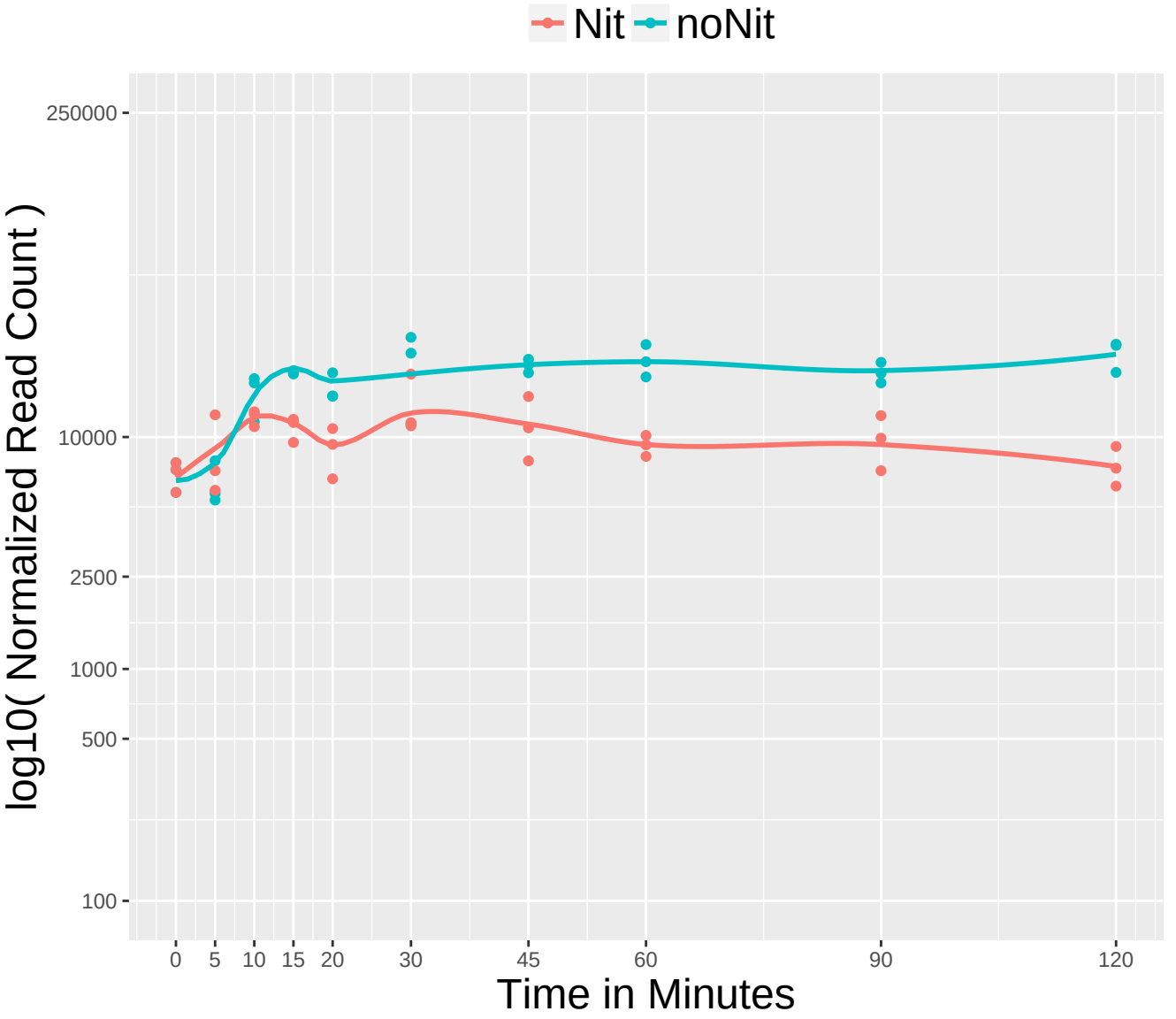
ATMS2,methionine



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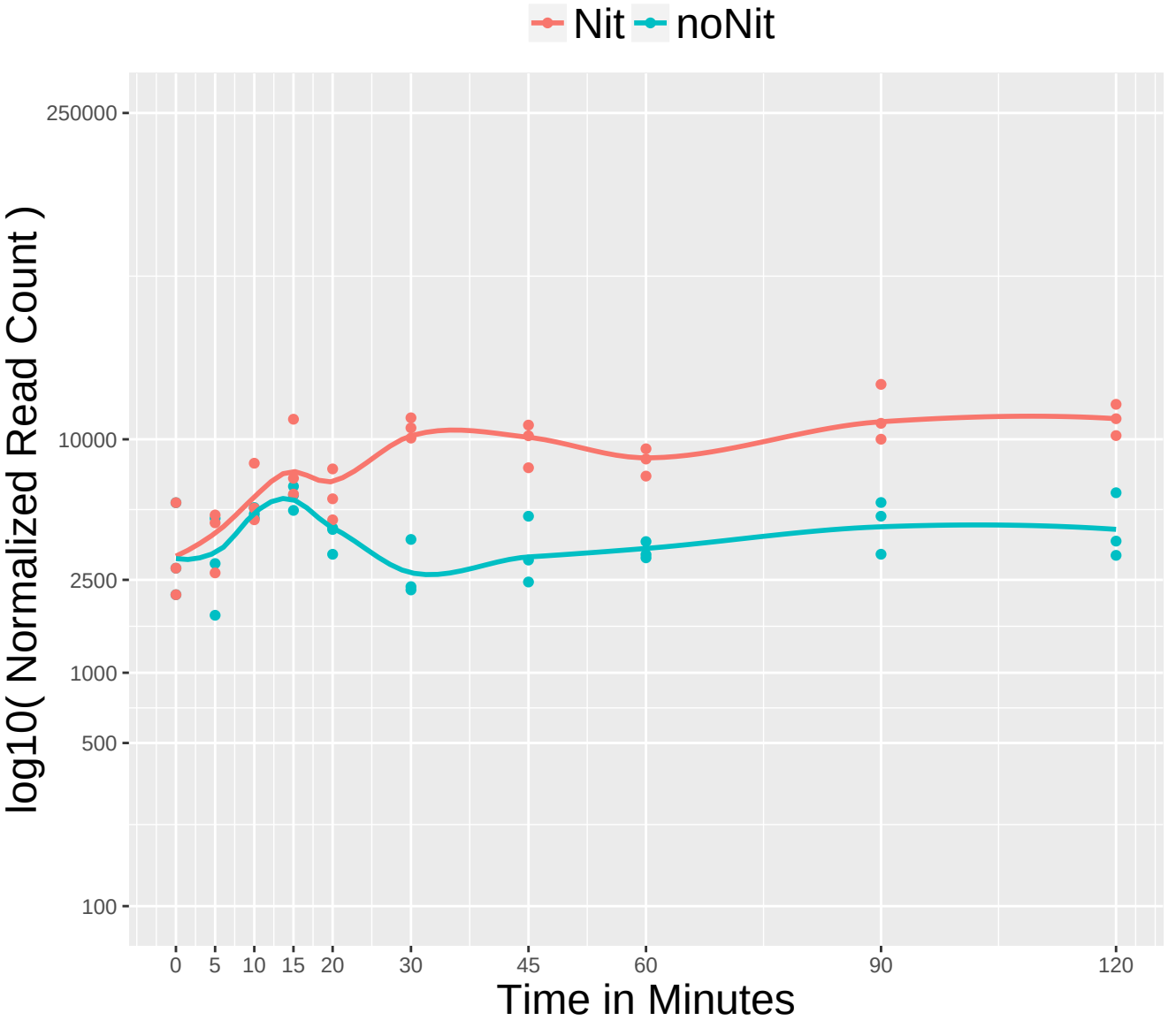
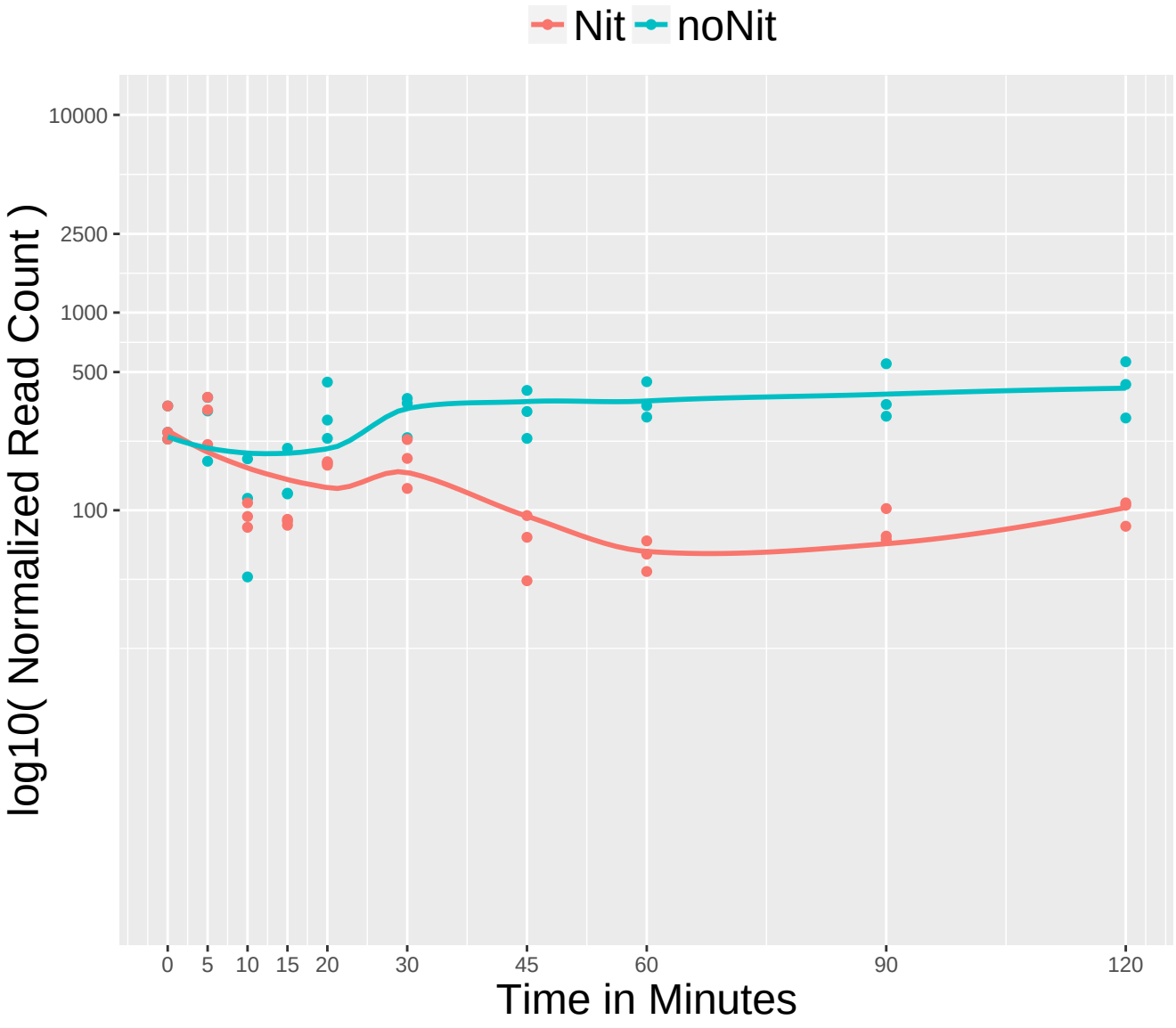
Protein



AT3G44840

S−adenosyl−L−methionine−dependent



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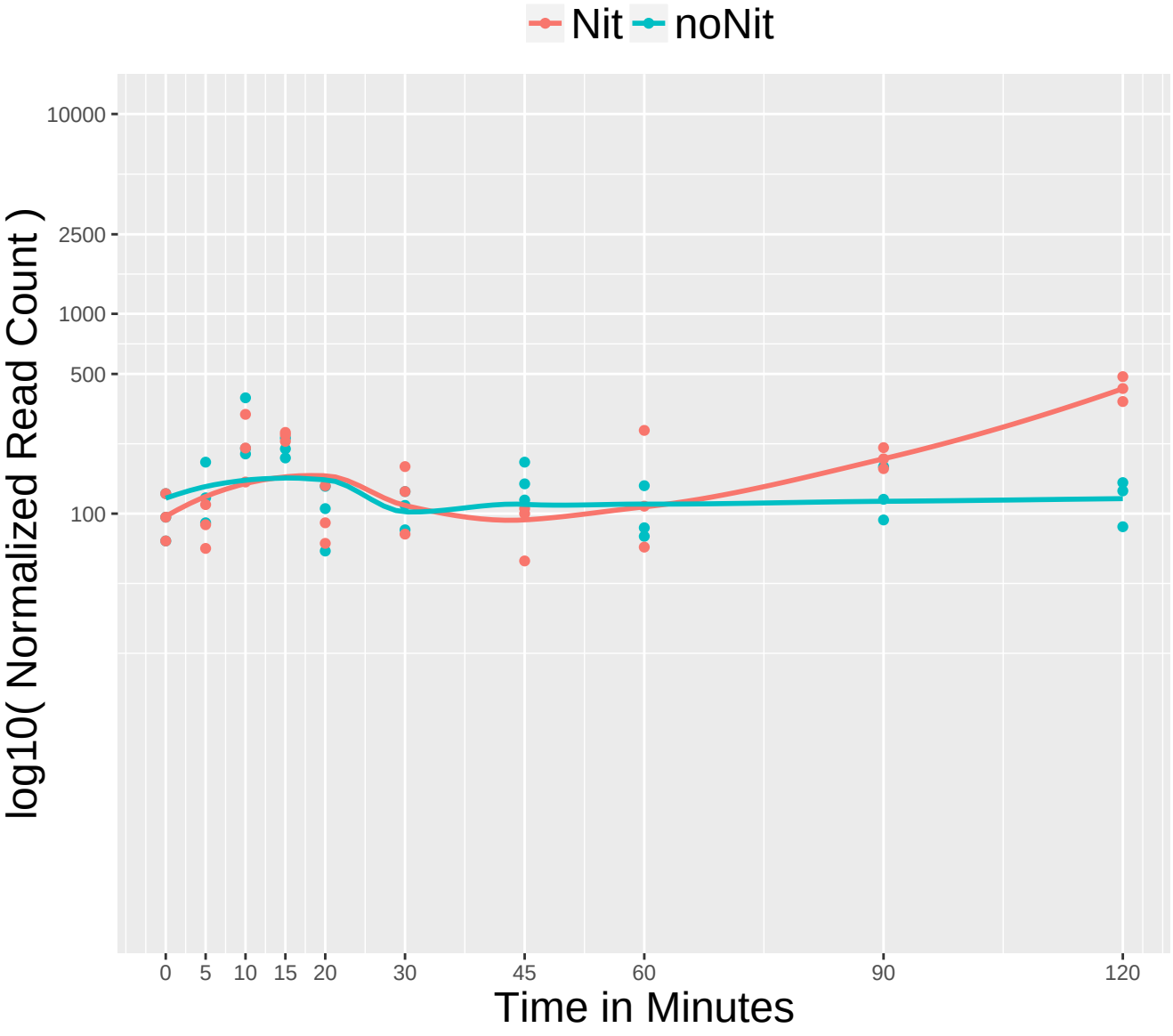
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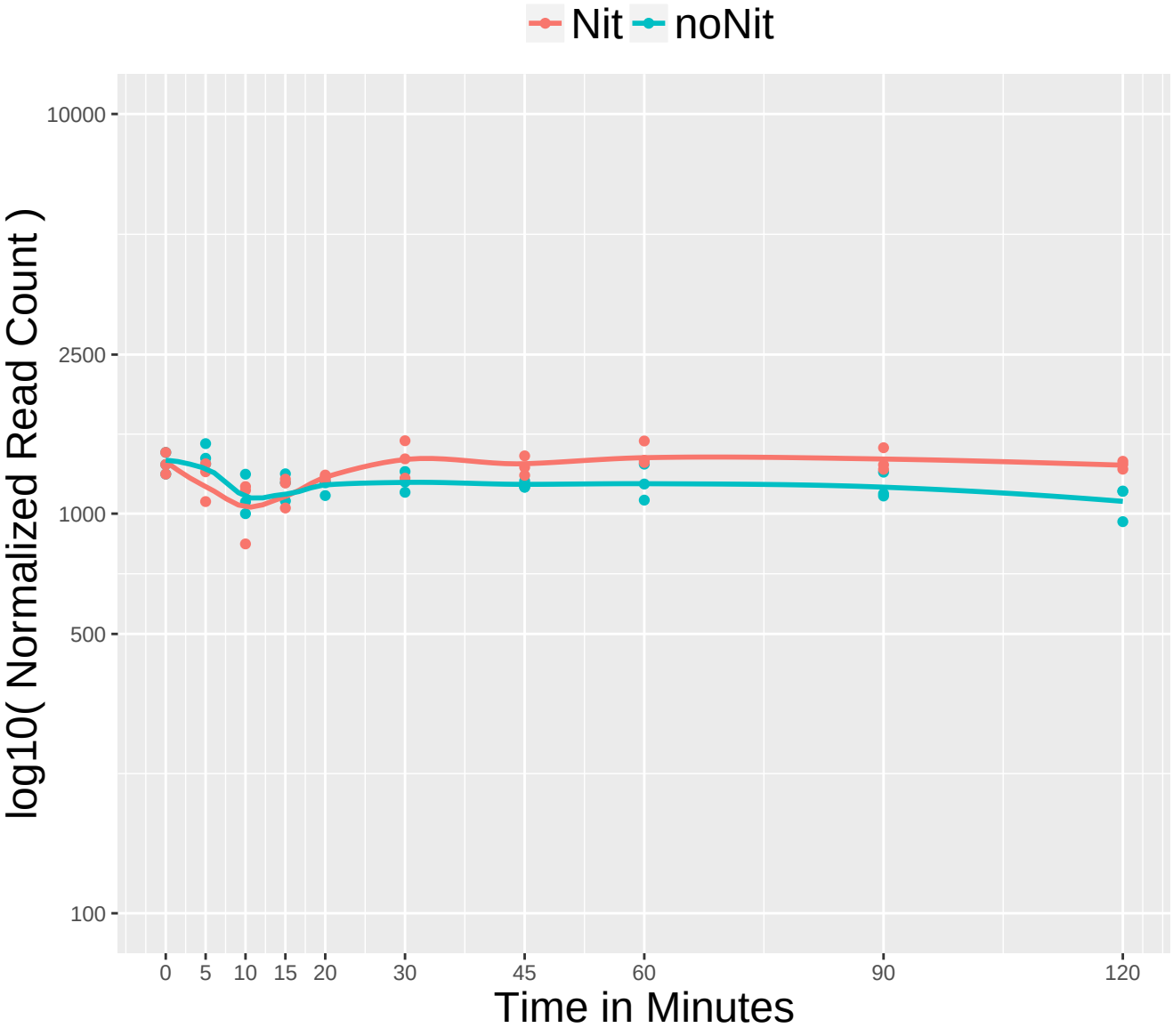
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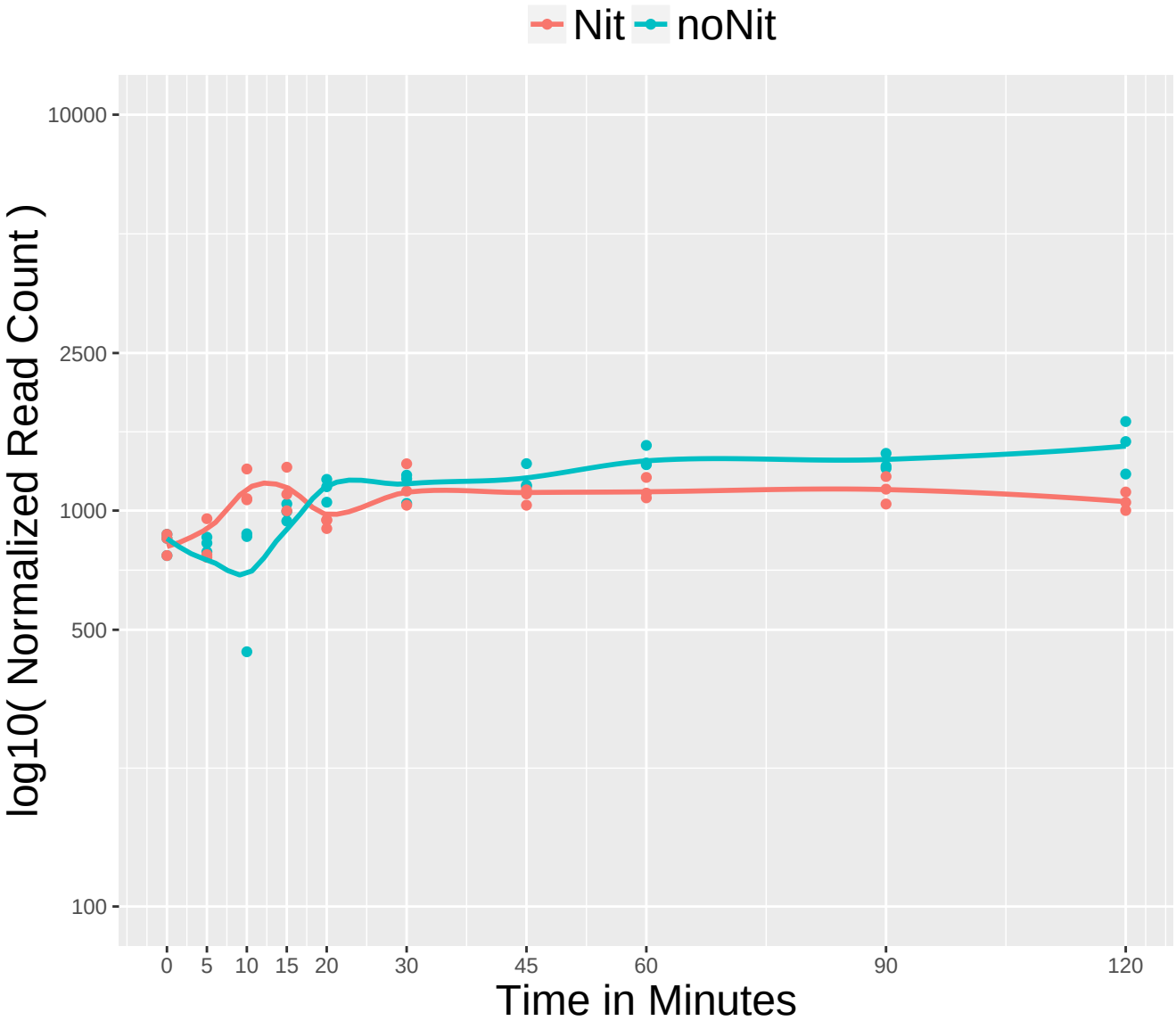
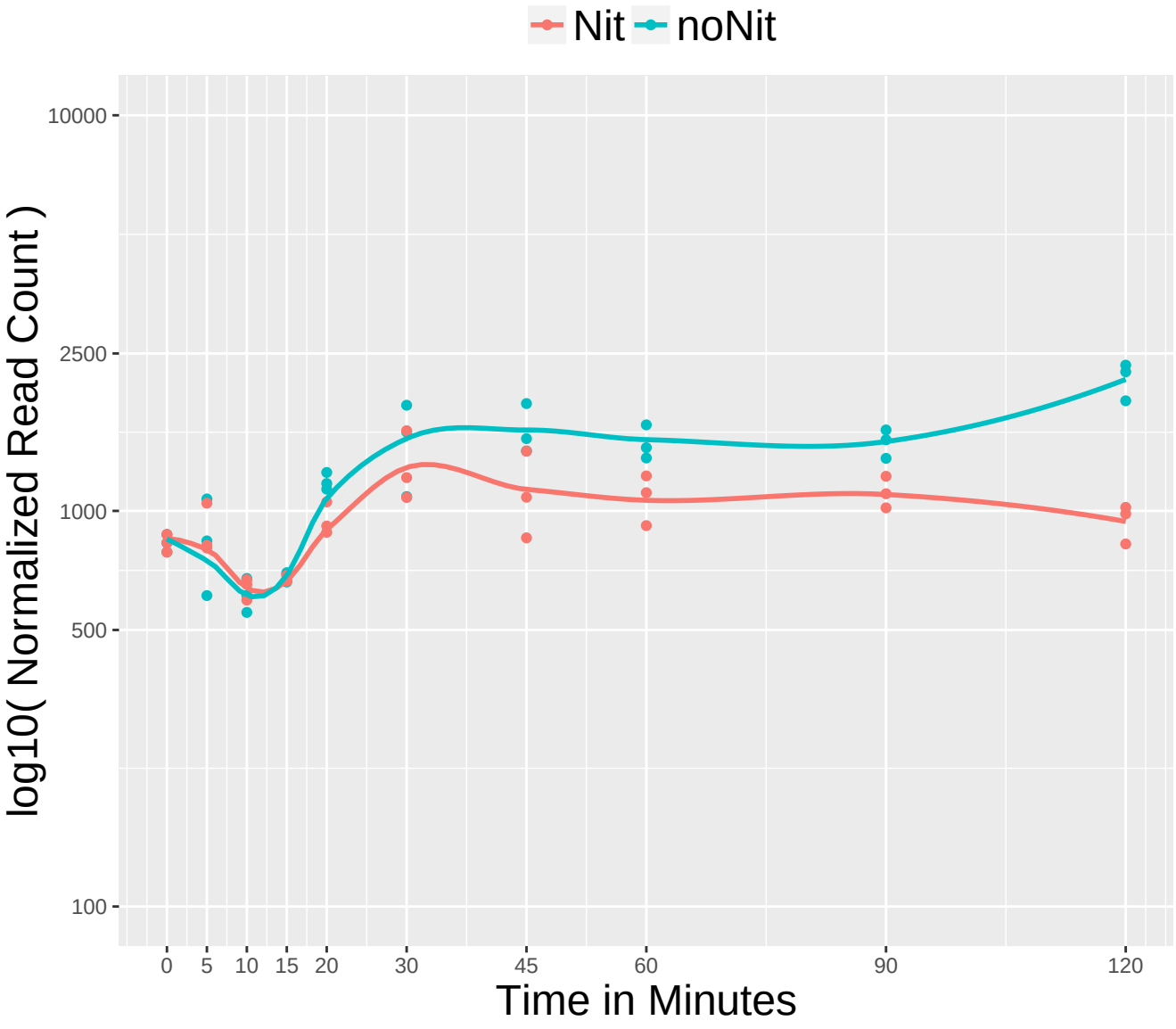
AT4G37680

HHP4,heptahelical



AT5G03160

ATP58IPK,homolog



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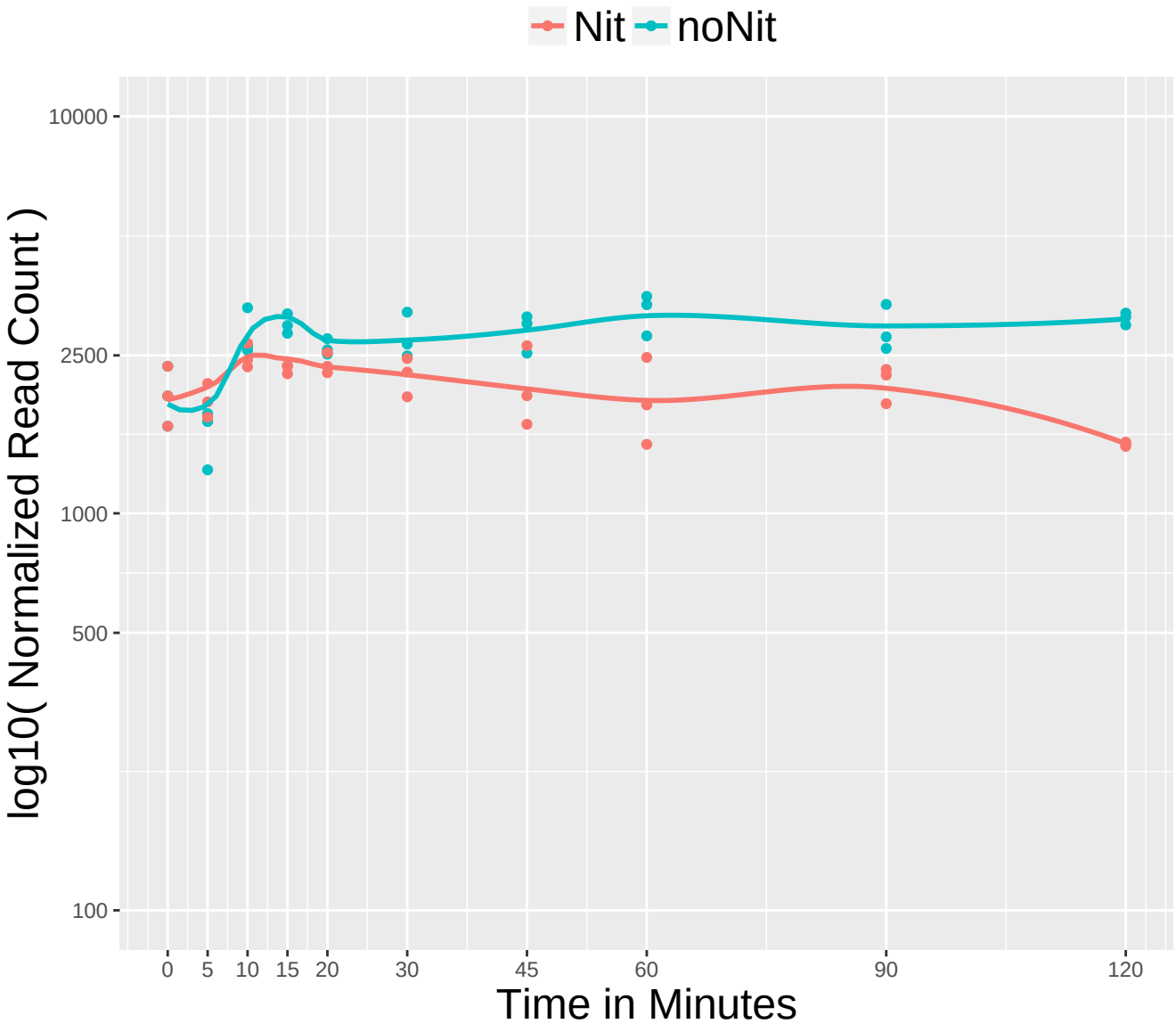
ATSPS1F,sucrose



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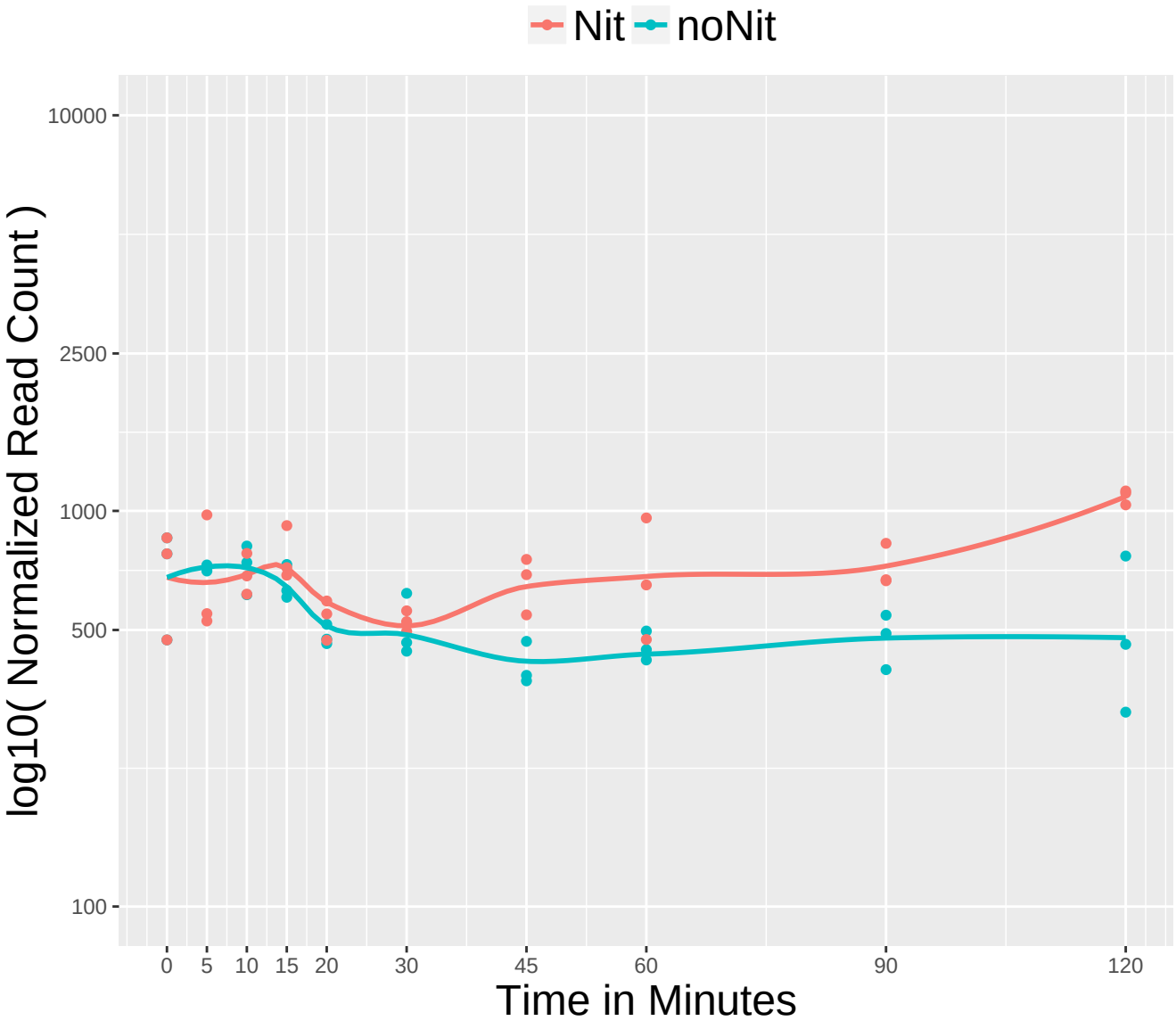
Lactoylglutathione



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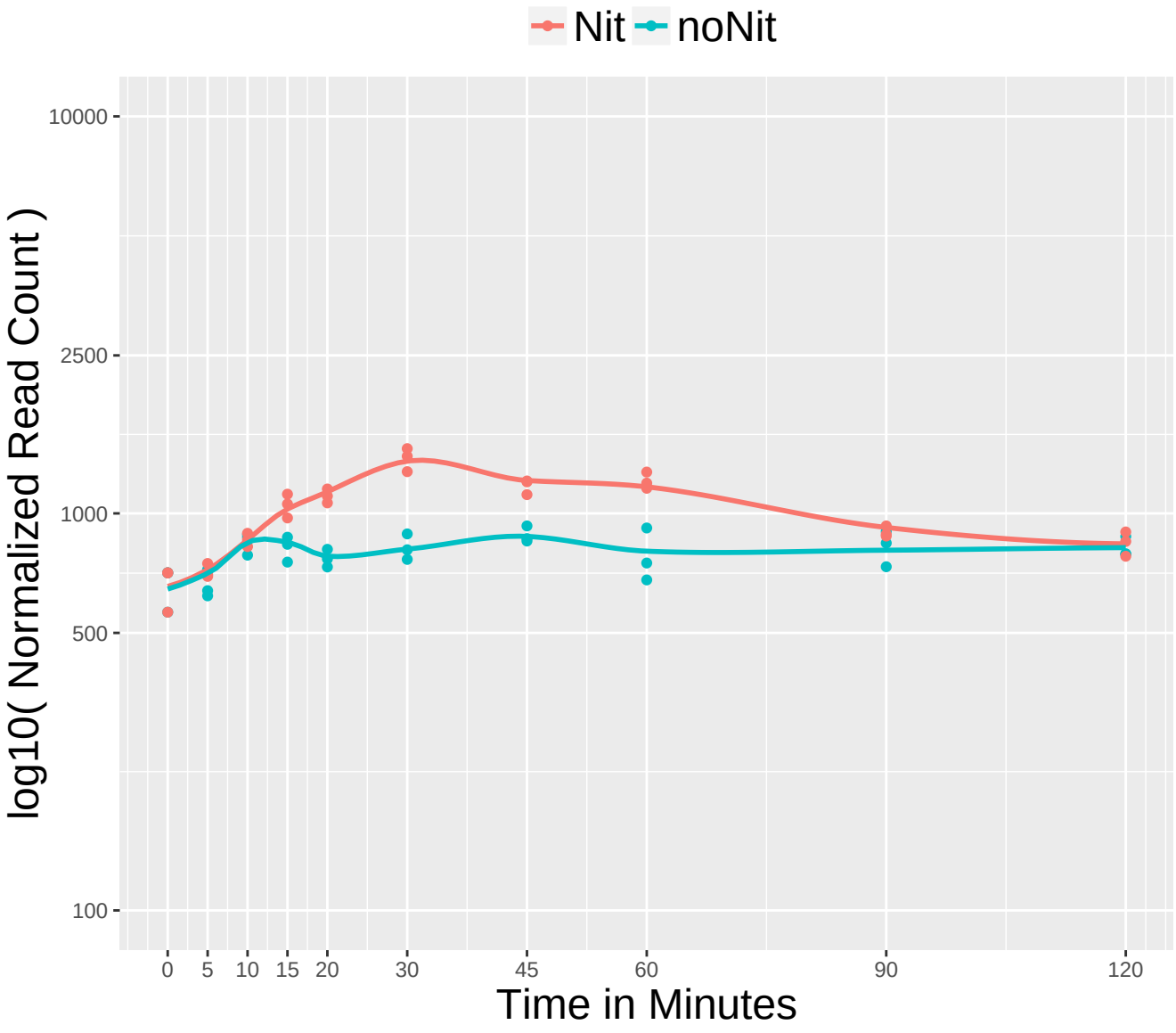
ACBP,ACYL−COA



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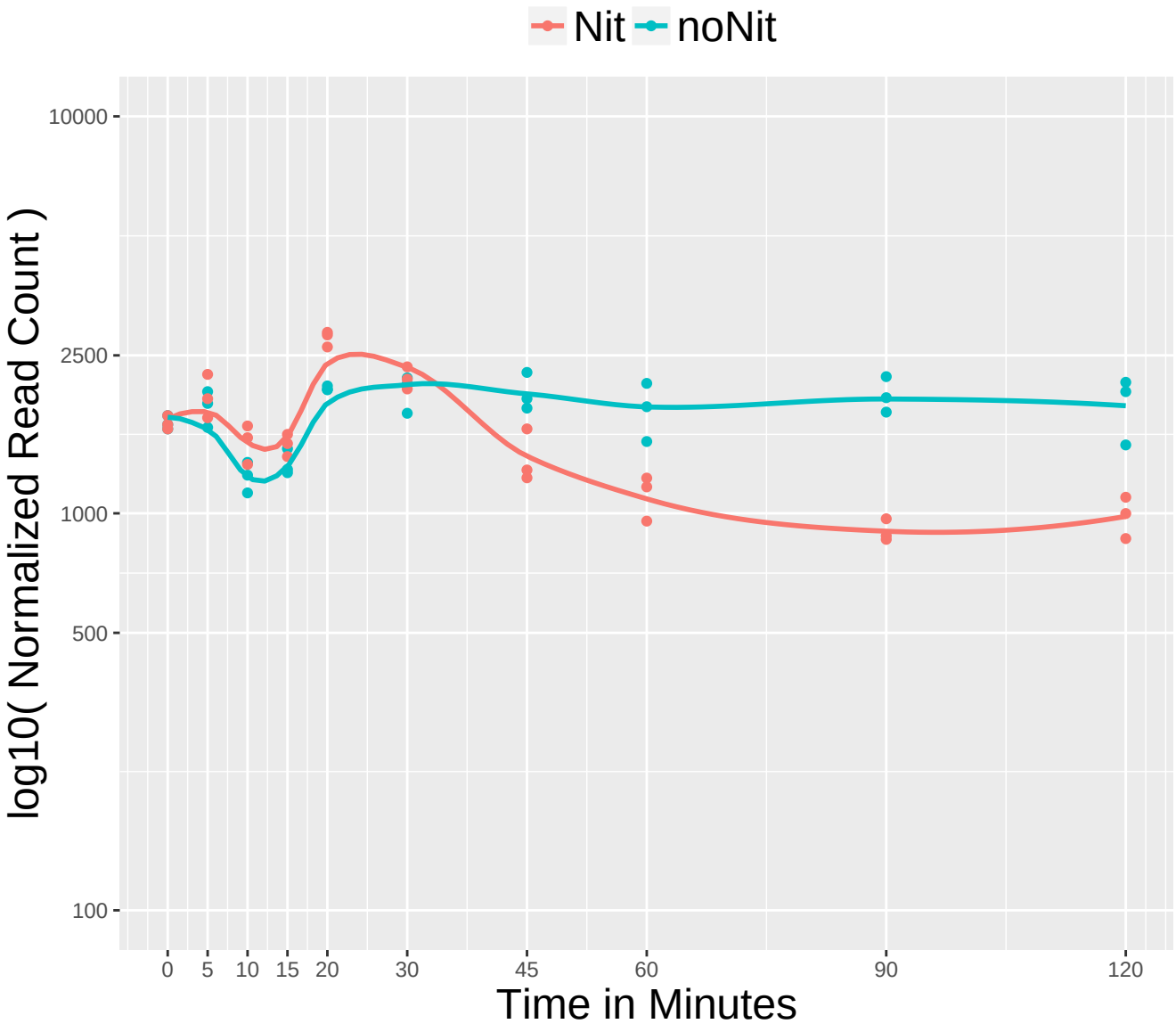
ACR8,ACT



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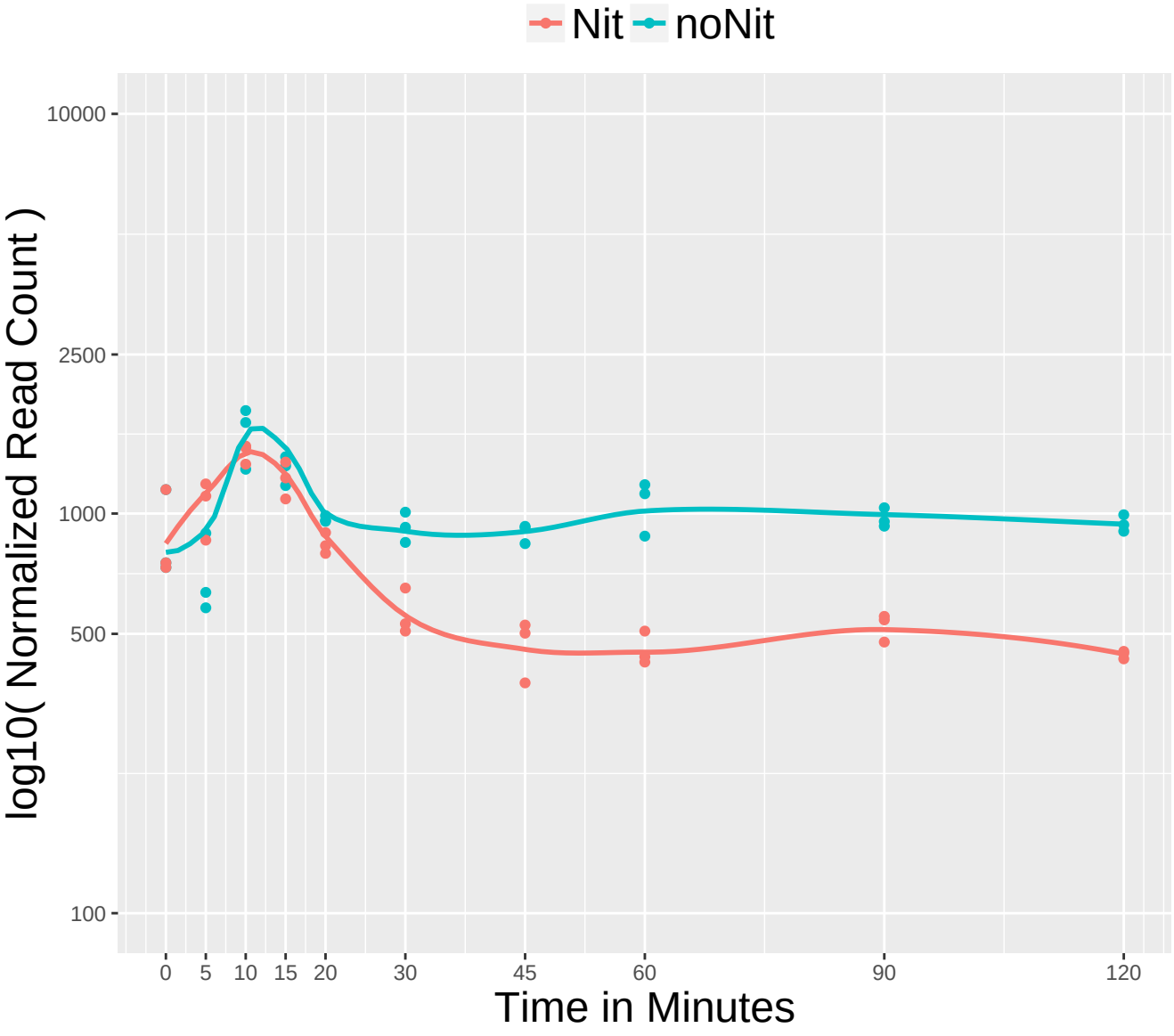

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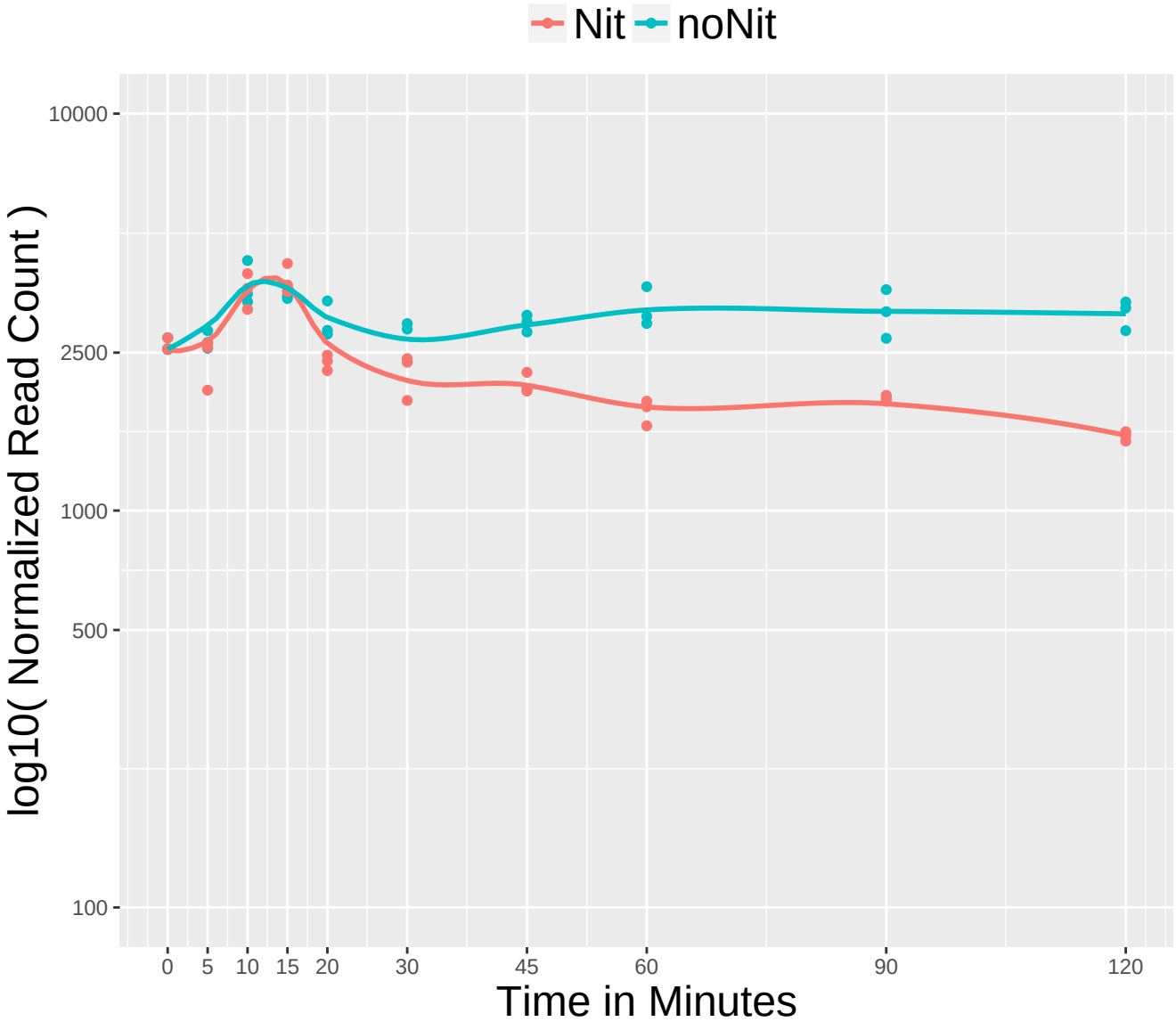

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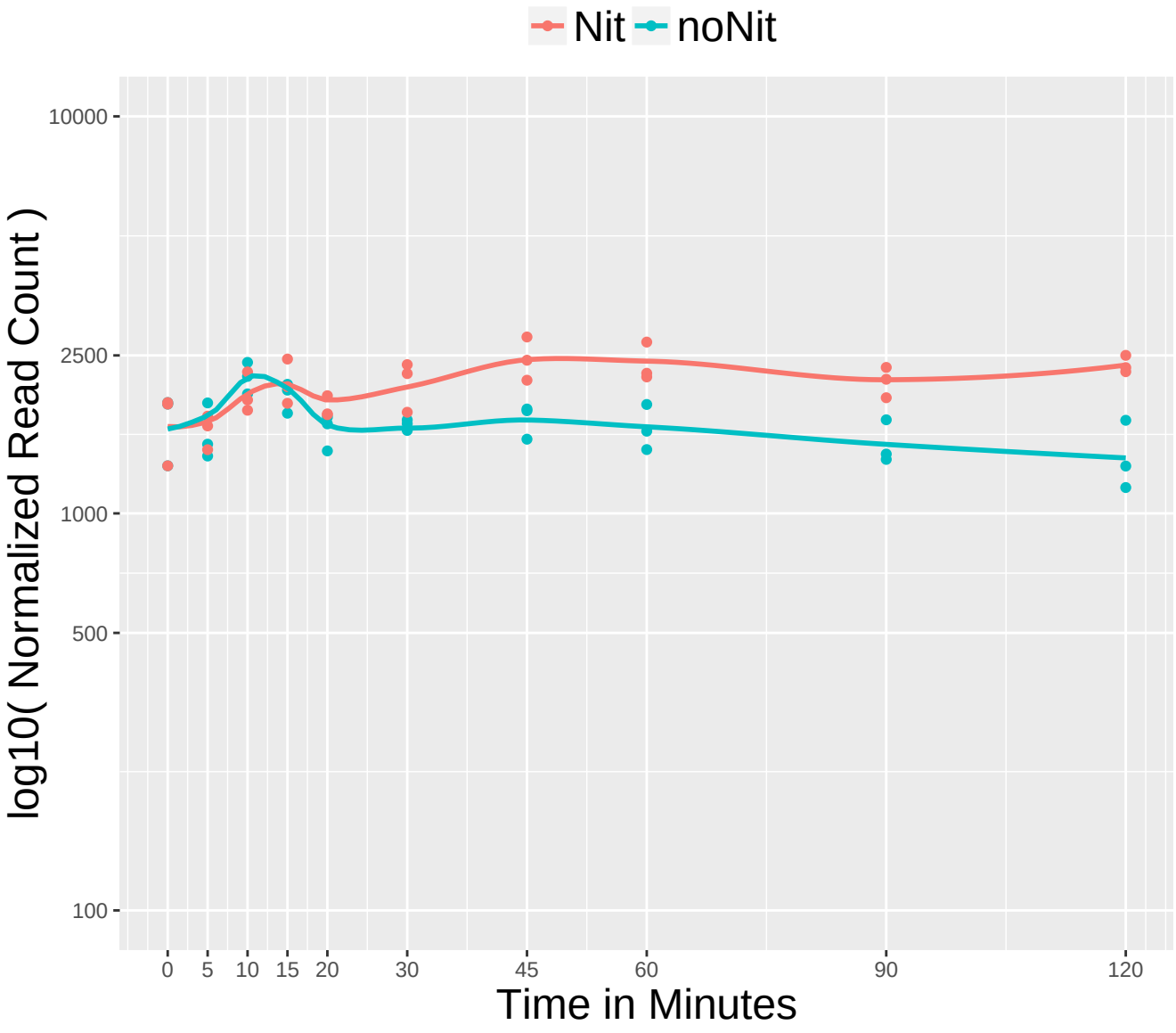
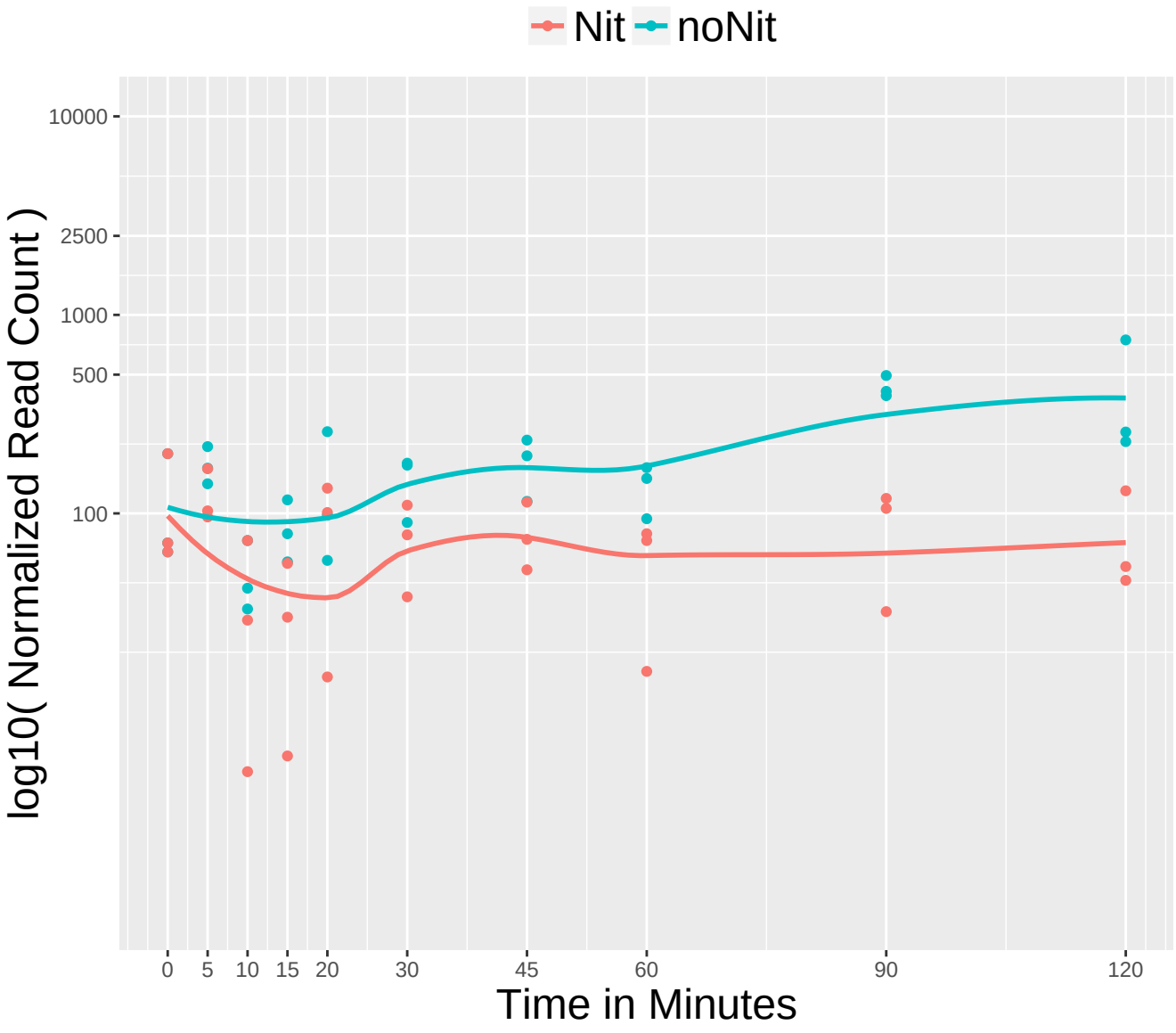
ATPIN1,ARABIDOPSIS



AT2G13810

ALD1,AGD2−like



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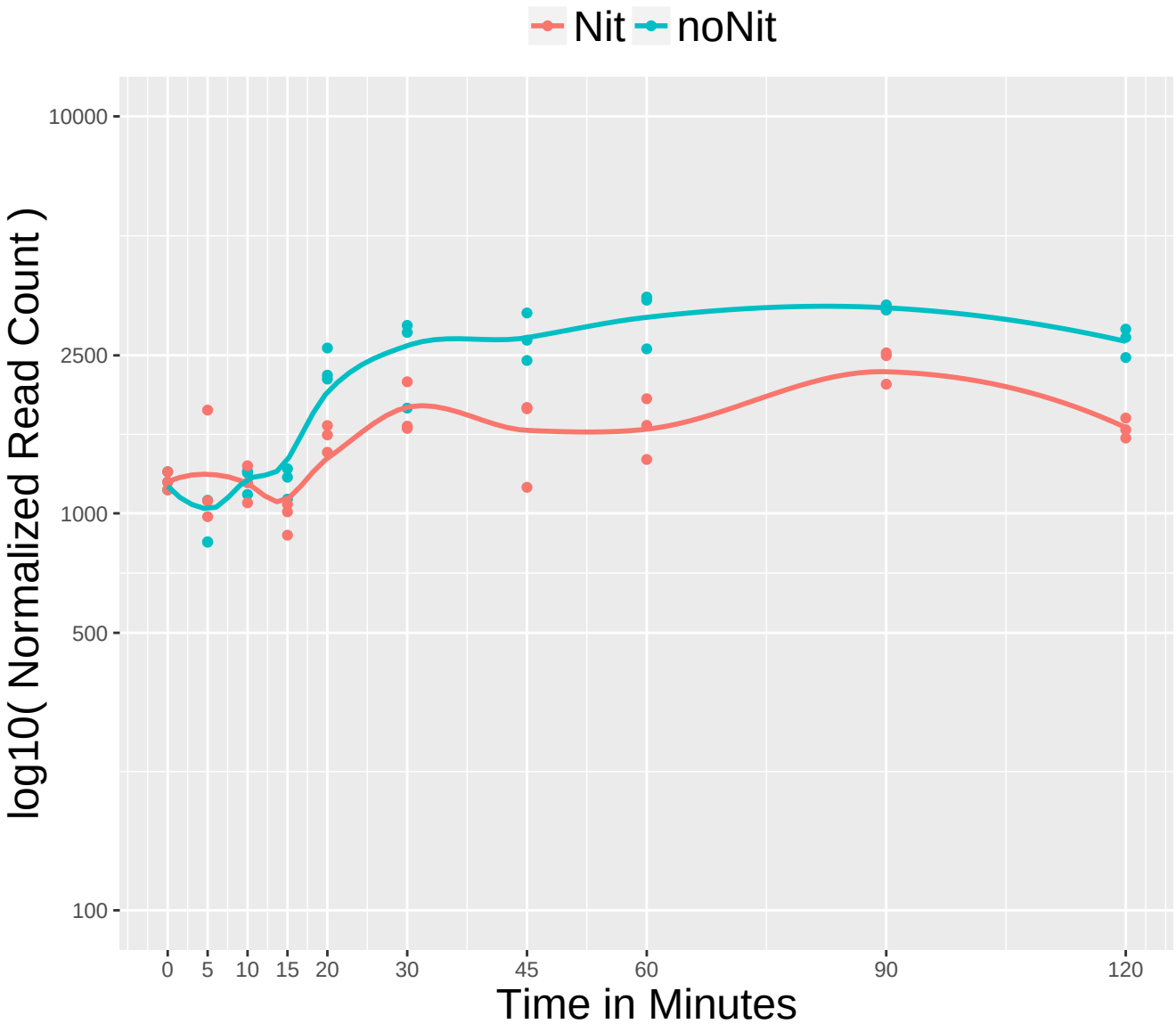
SKM1,STERILITY−REGULATING



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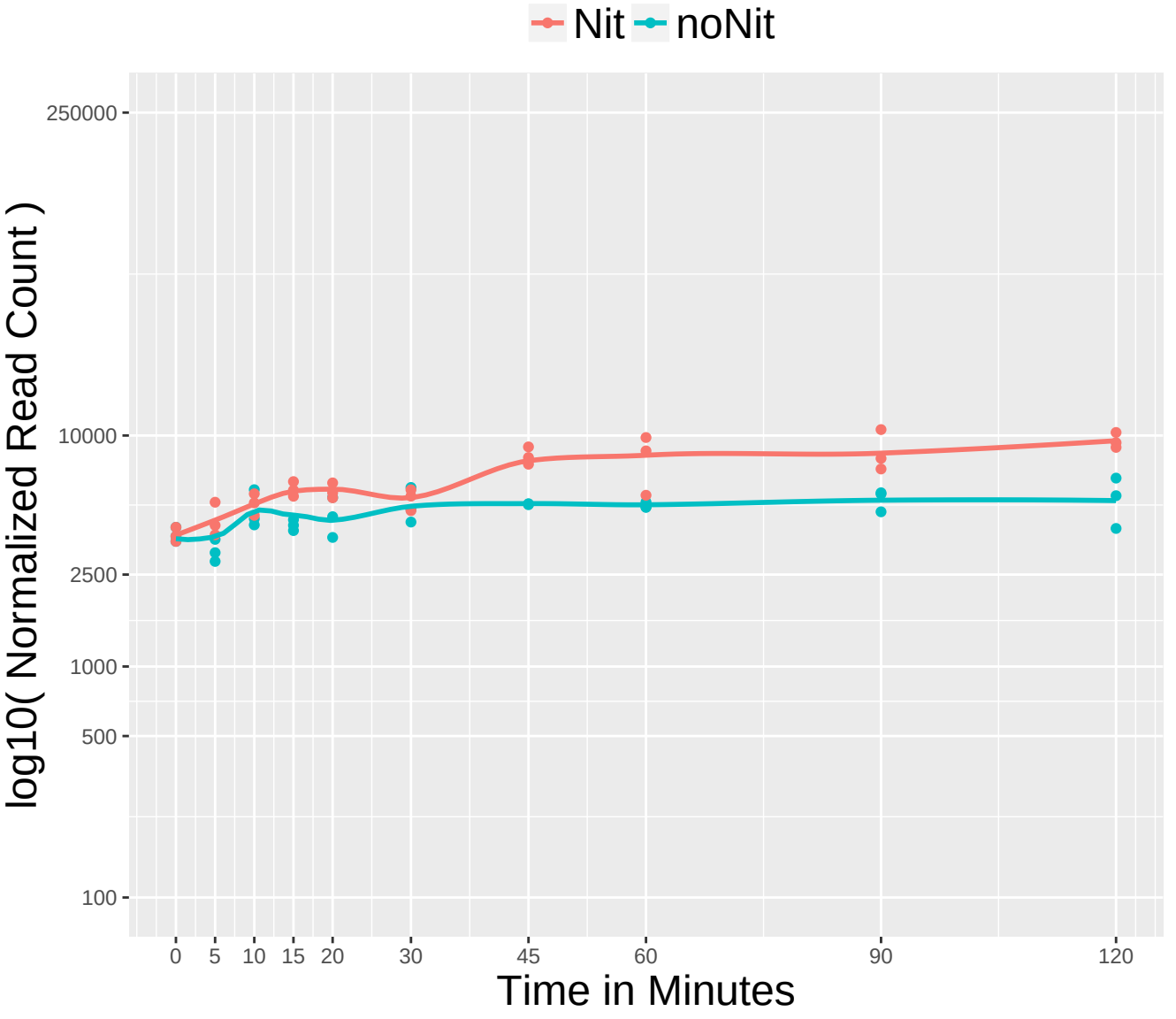
Mannose−binding



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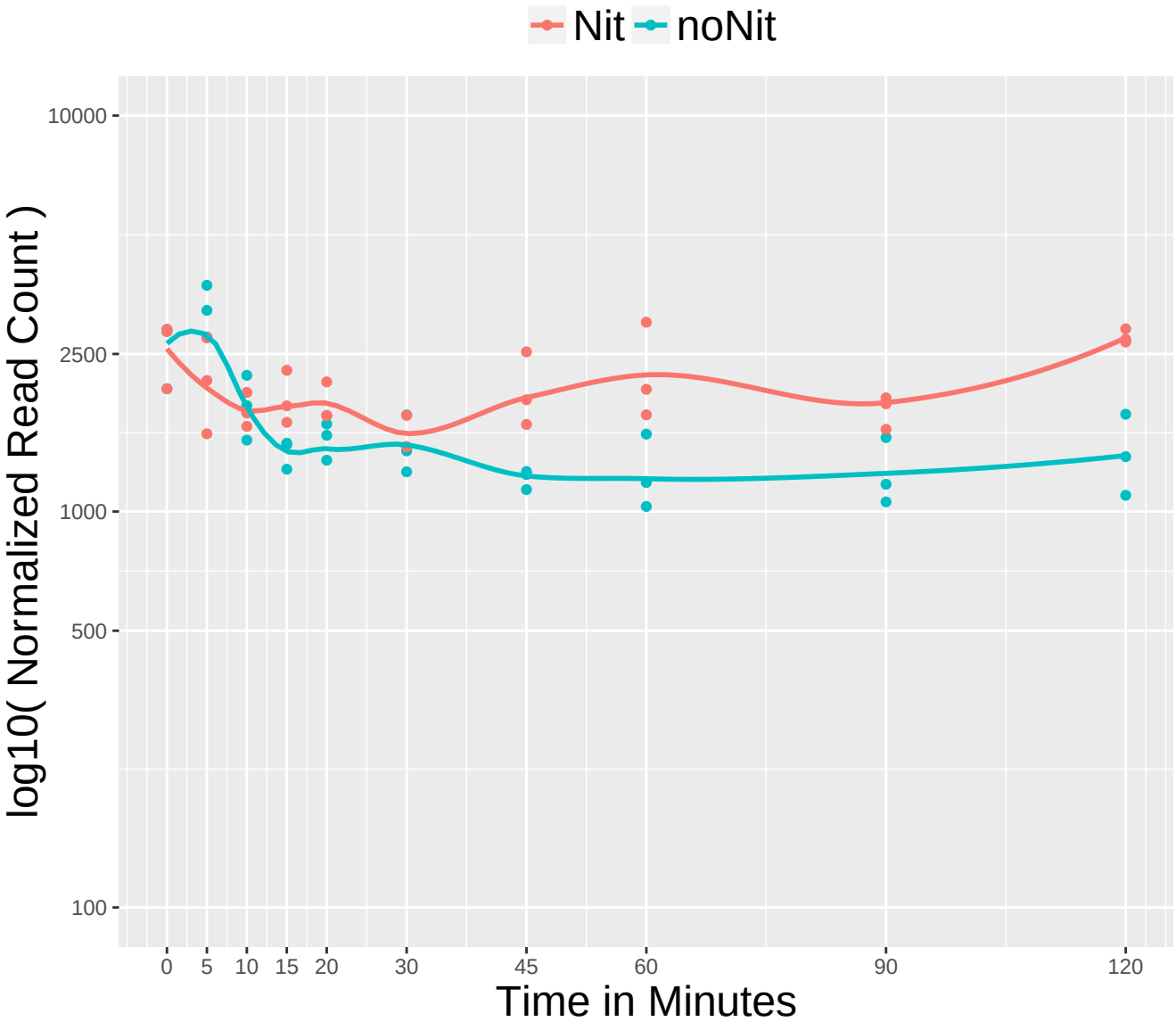
P−loop



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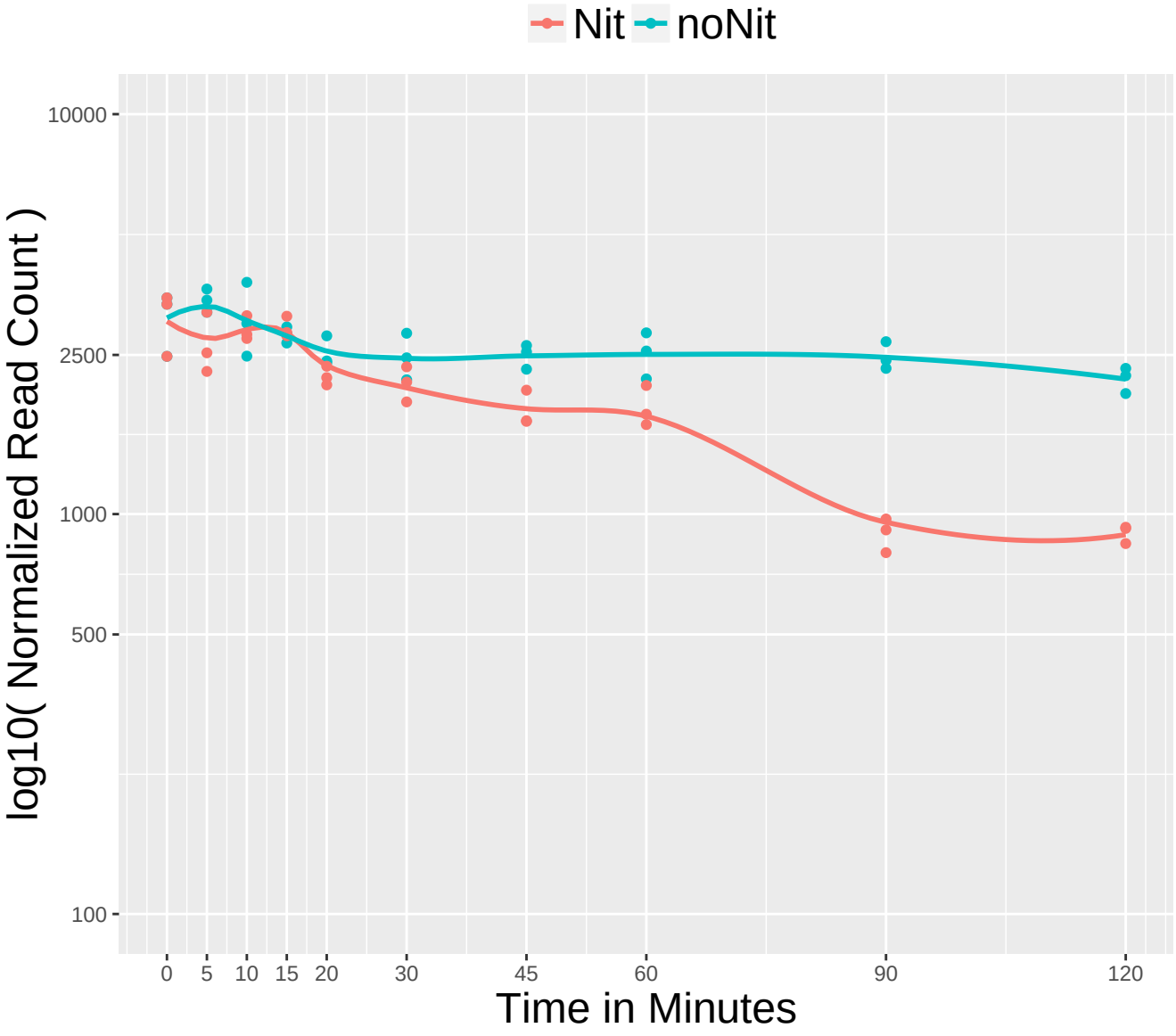

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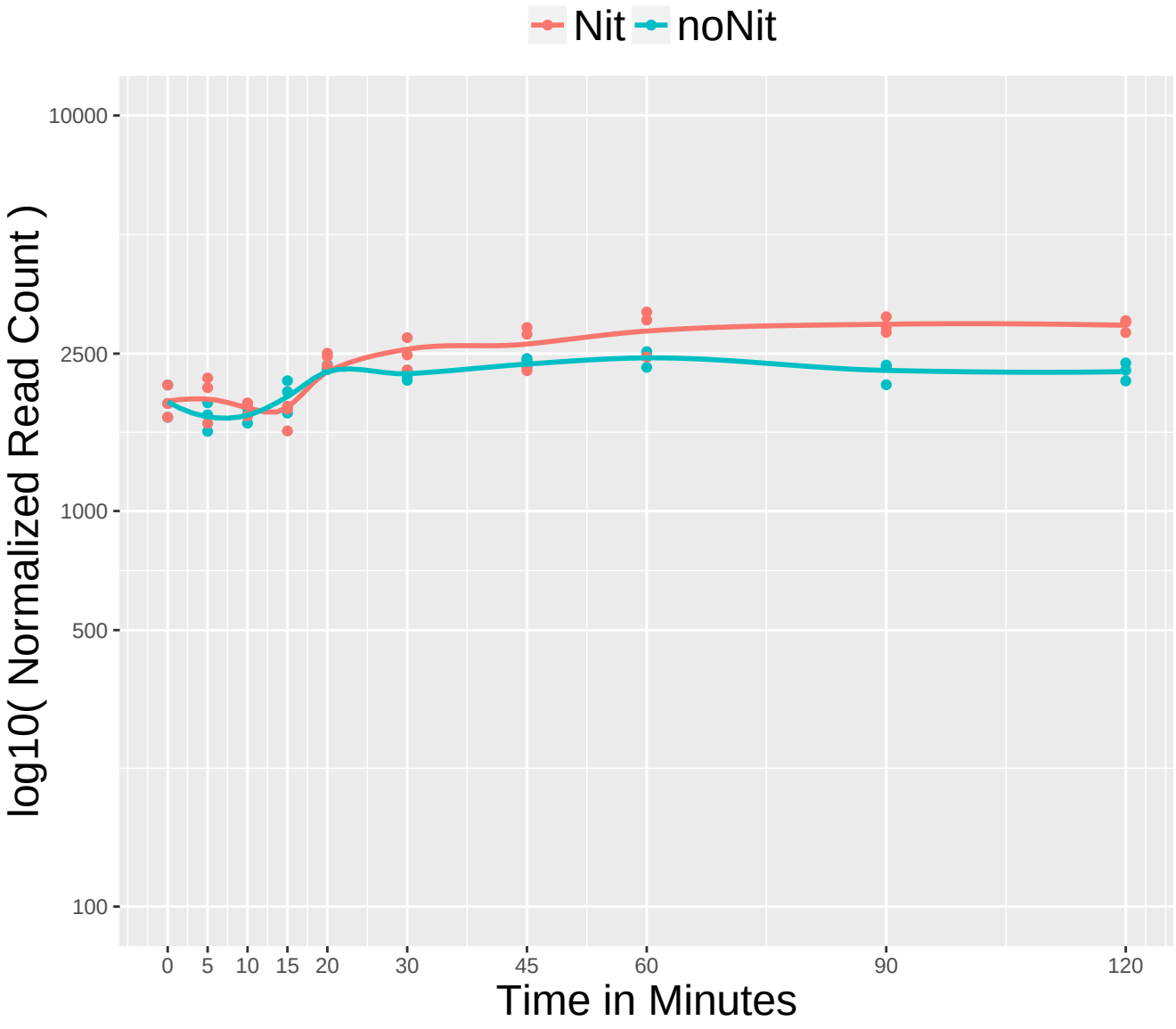
UBP25,ubiquitin−specific



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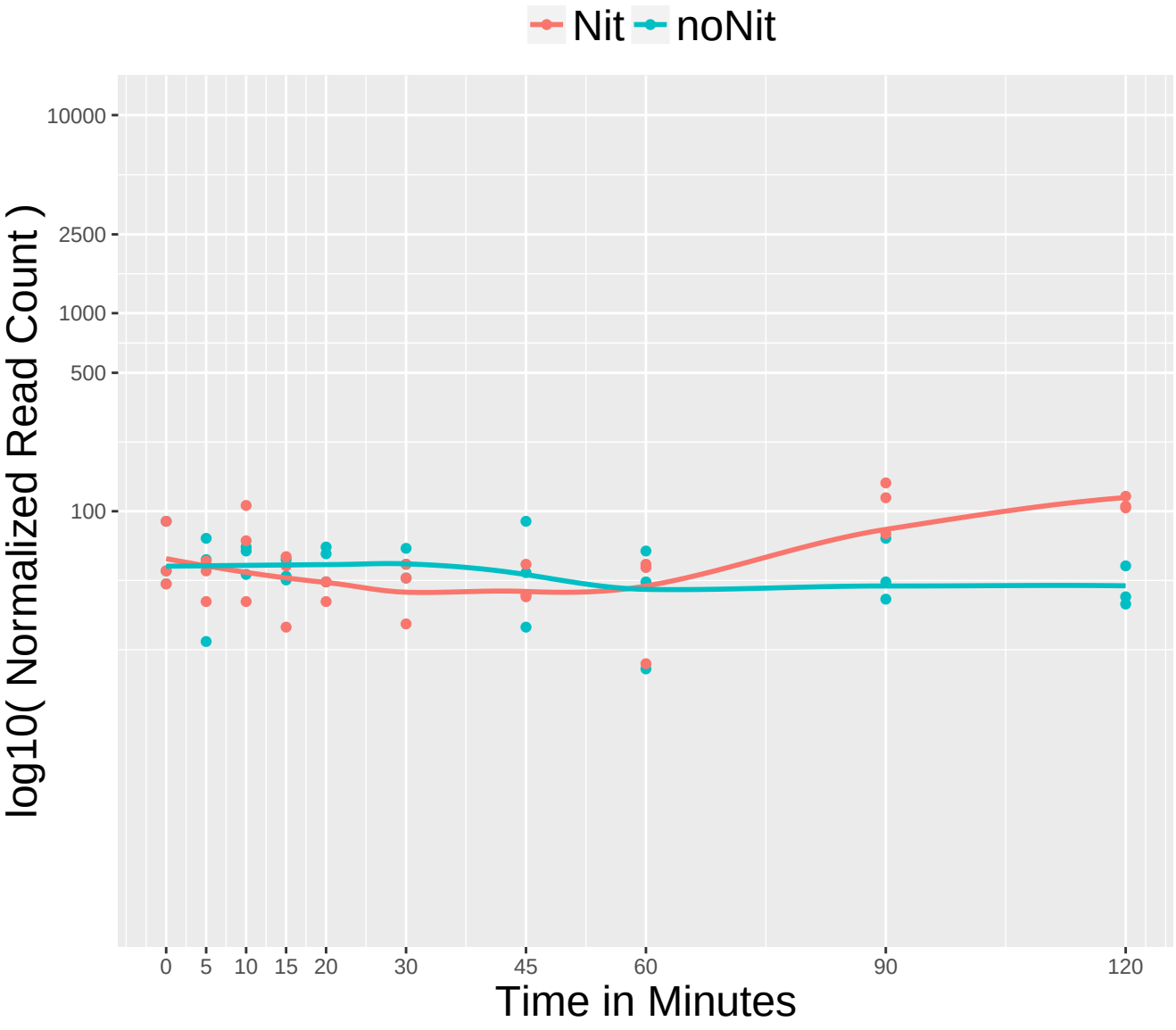
S−adenosyl−L−methionine−dependent



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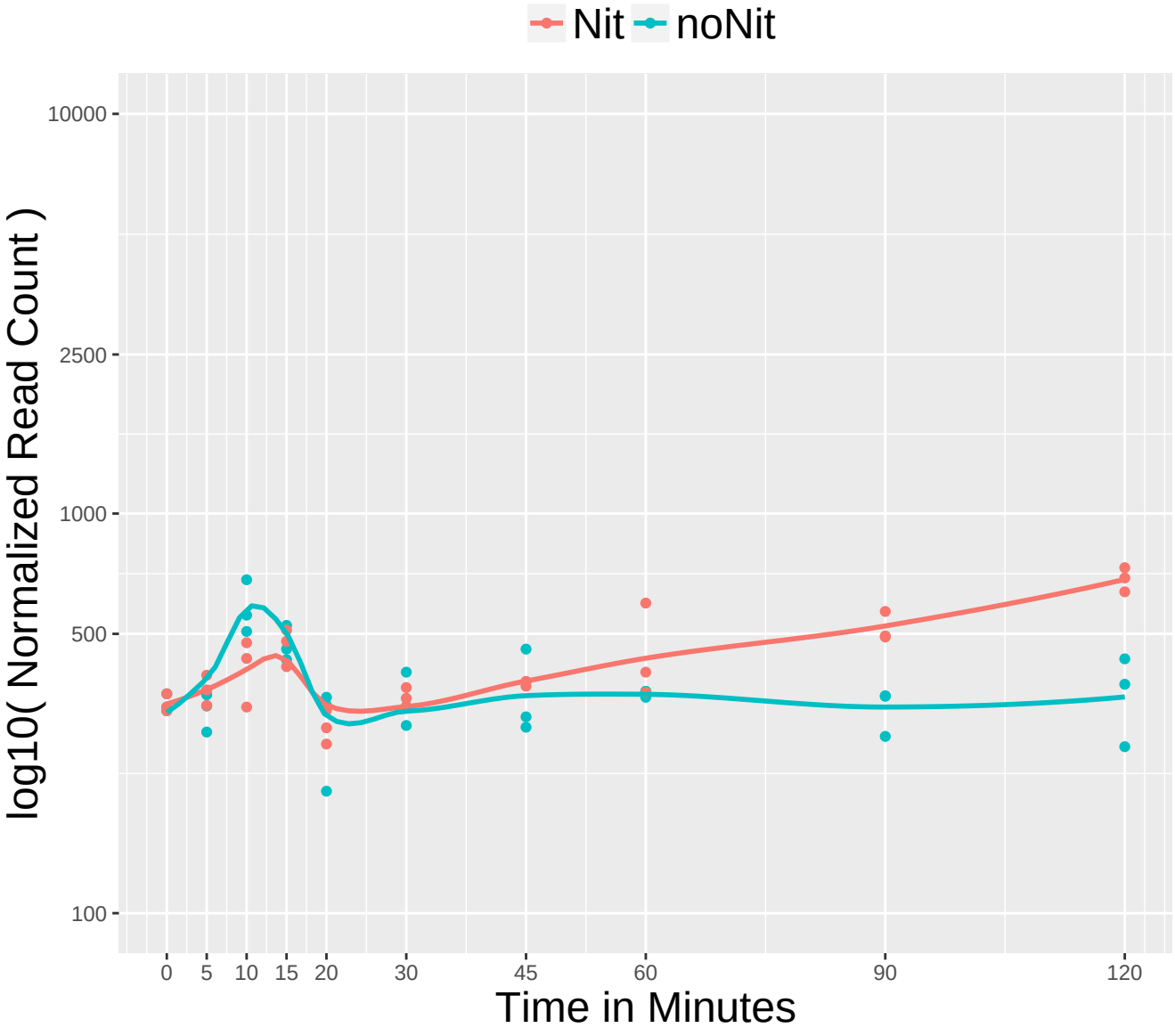
Putative



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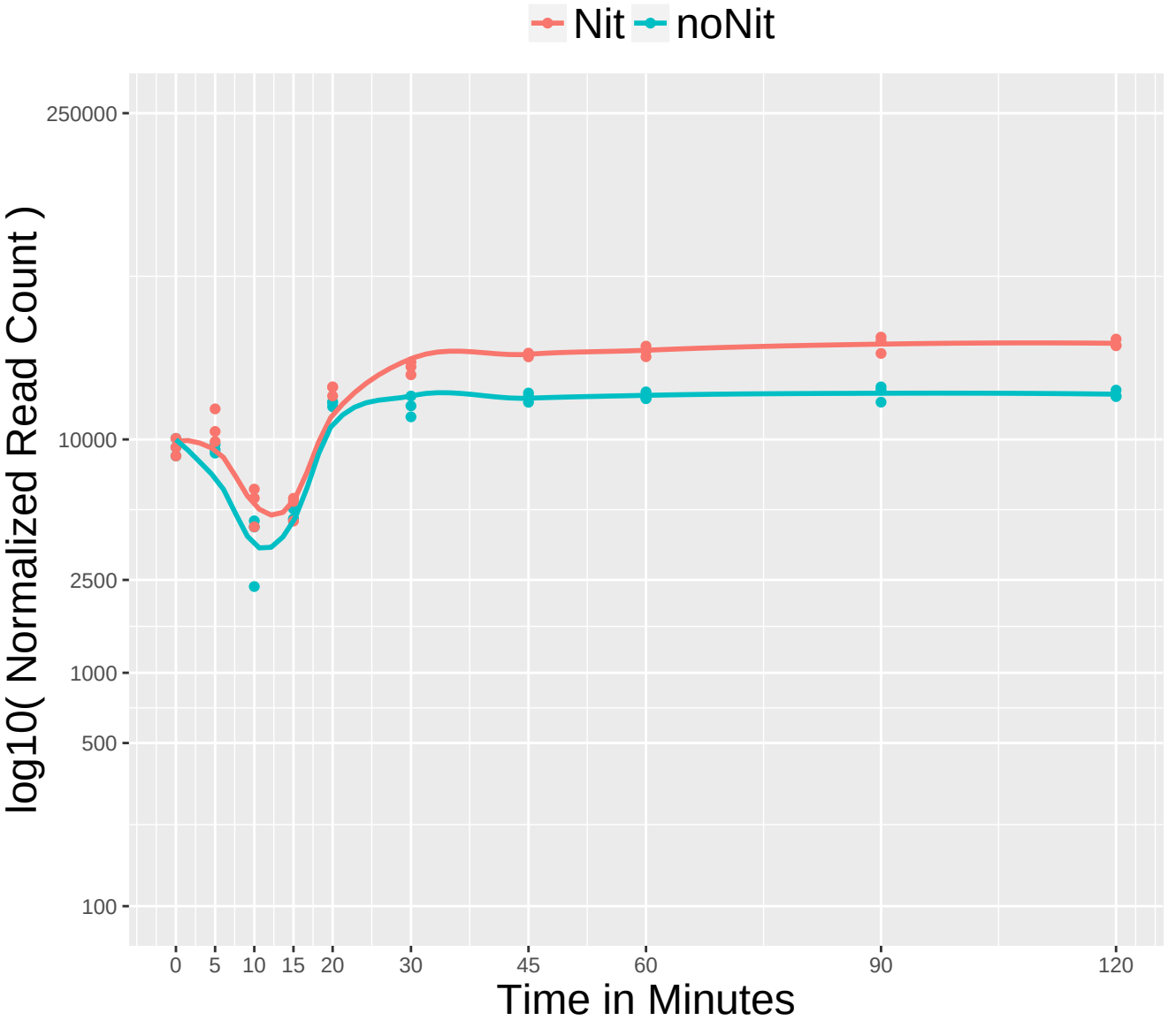

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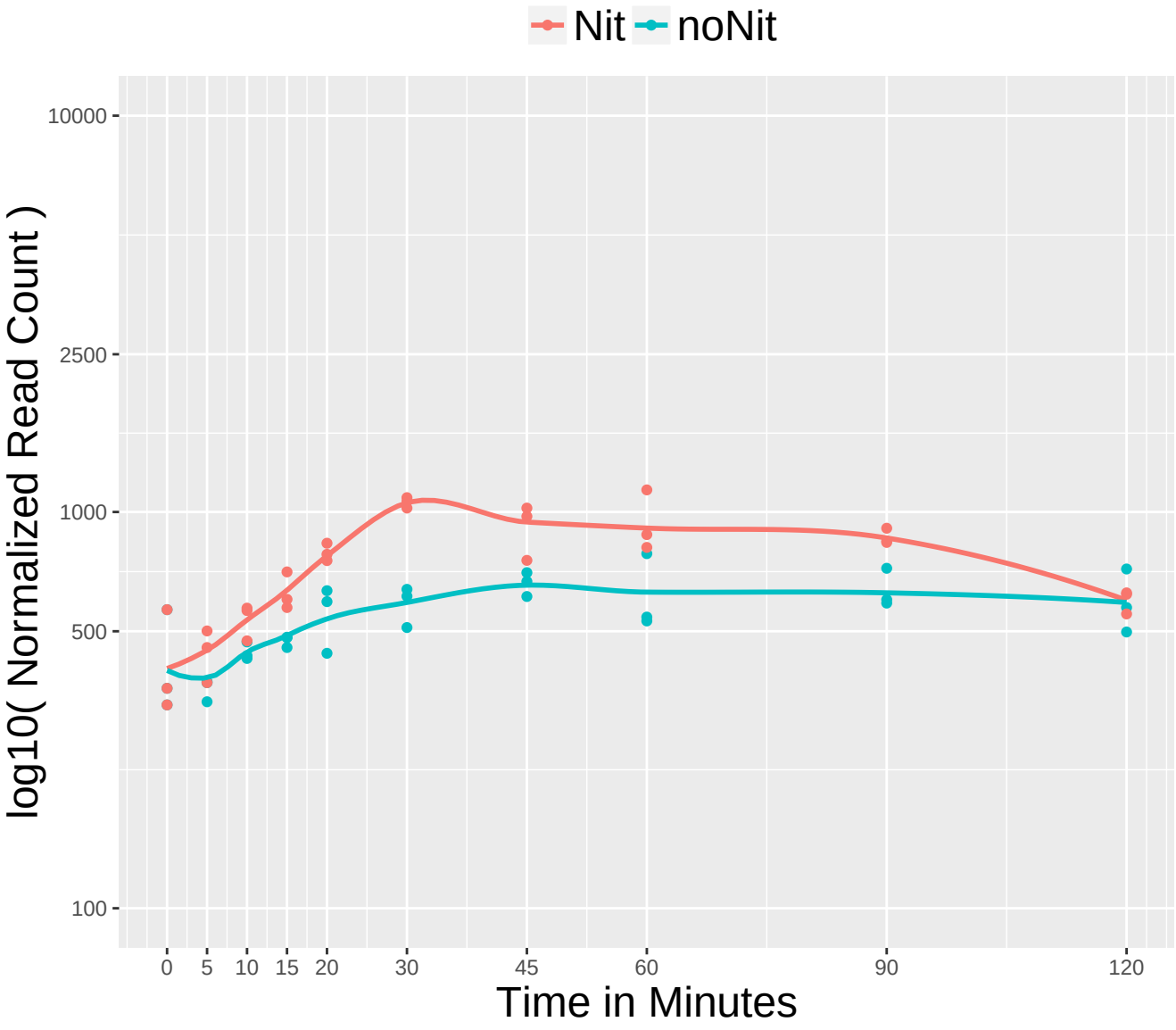
B80,,PUB8,plant



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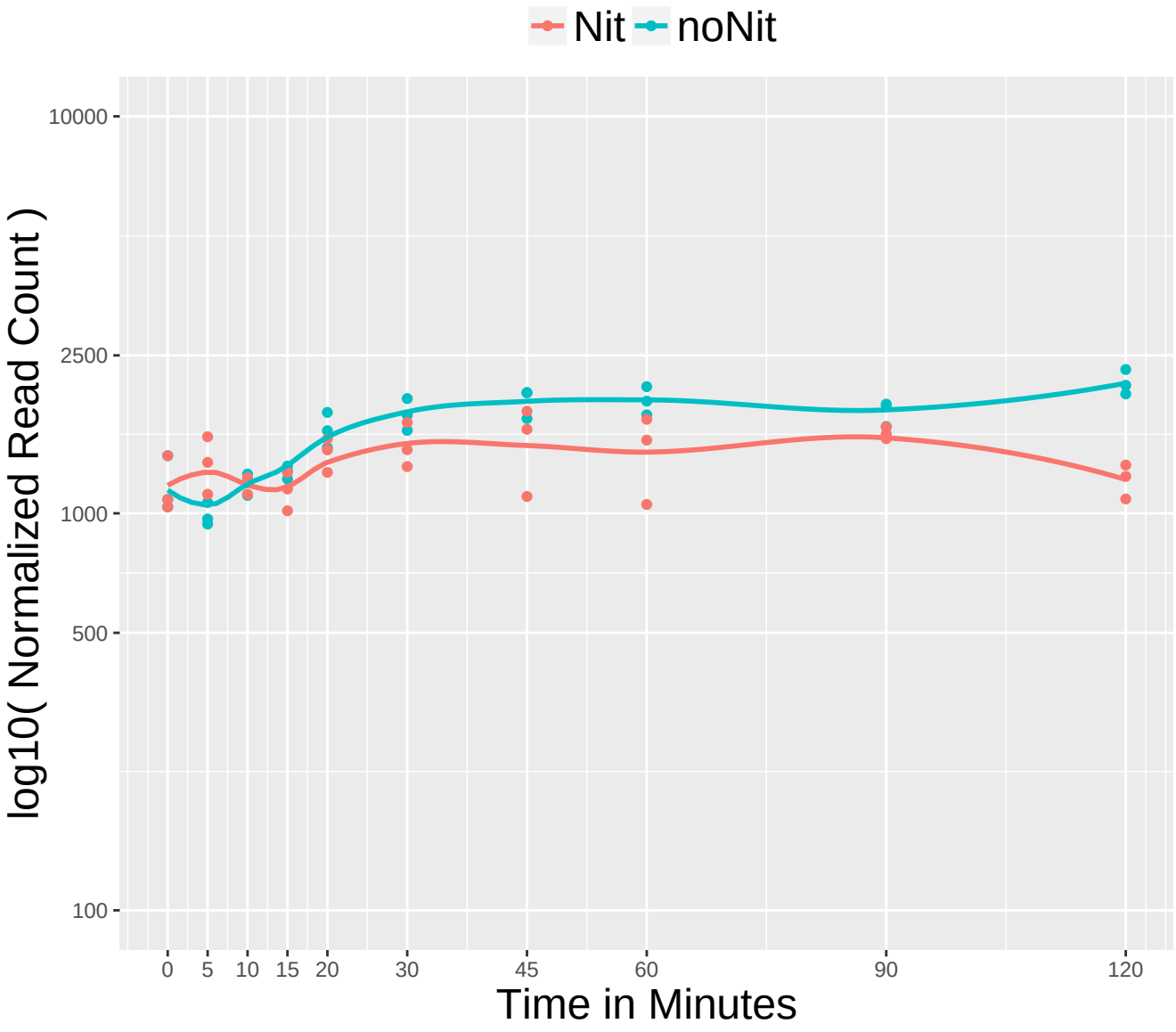
KUP5,K+



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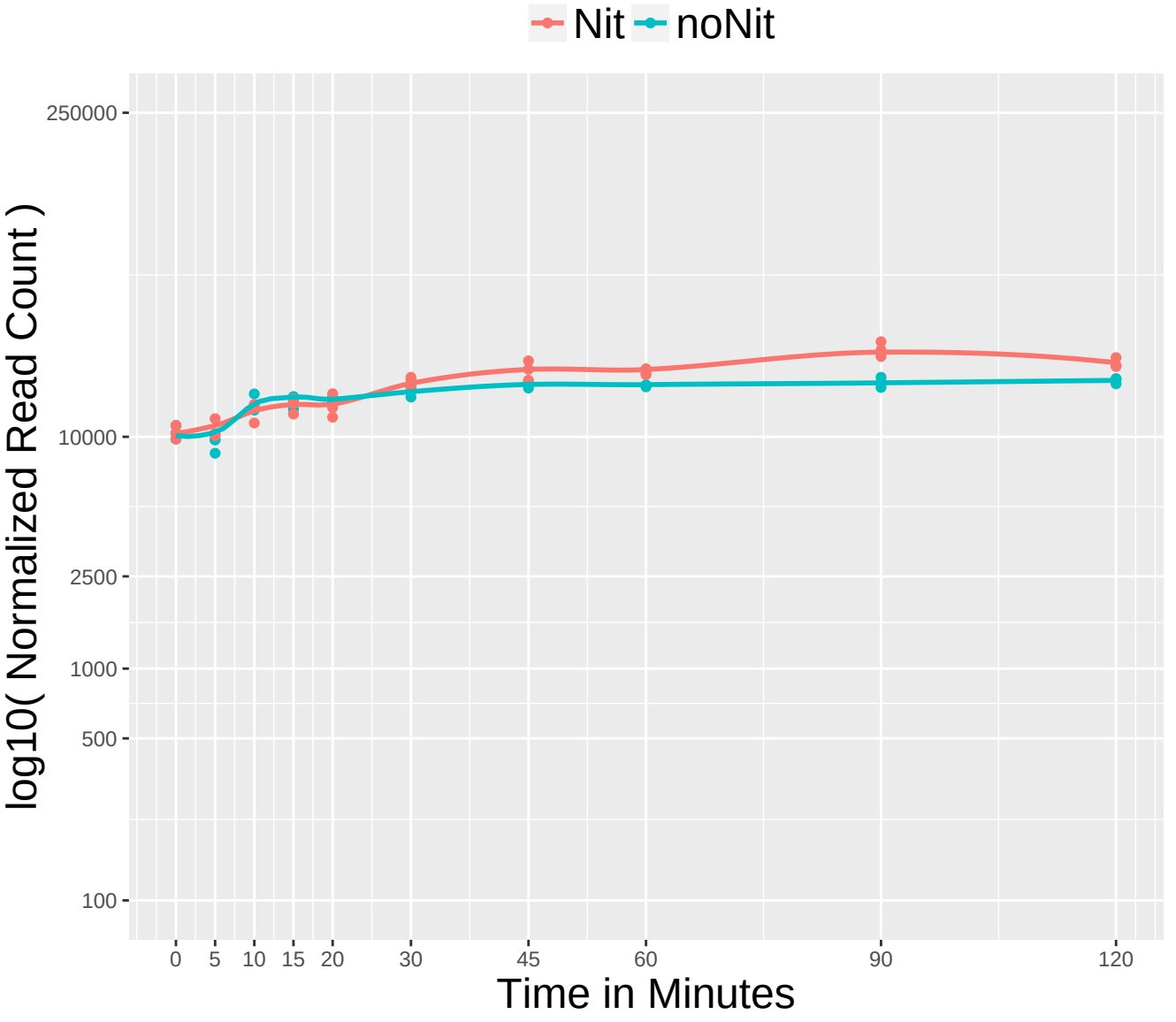
MPT3,mitochondrial



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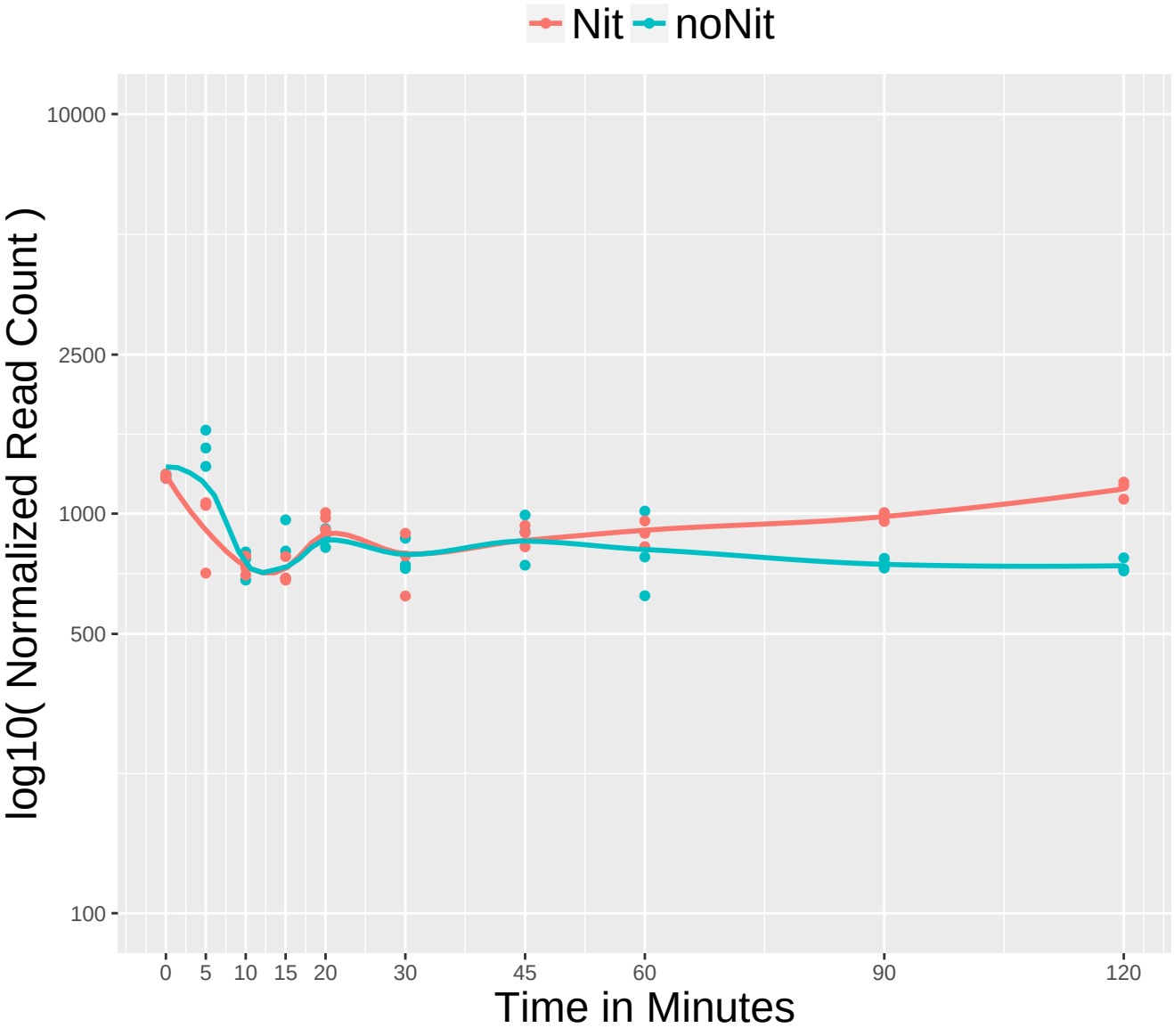
DNA/RNA



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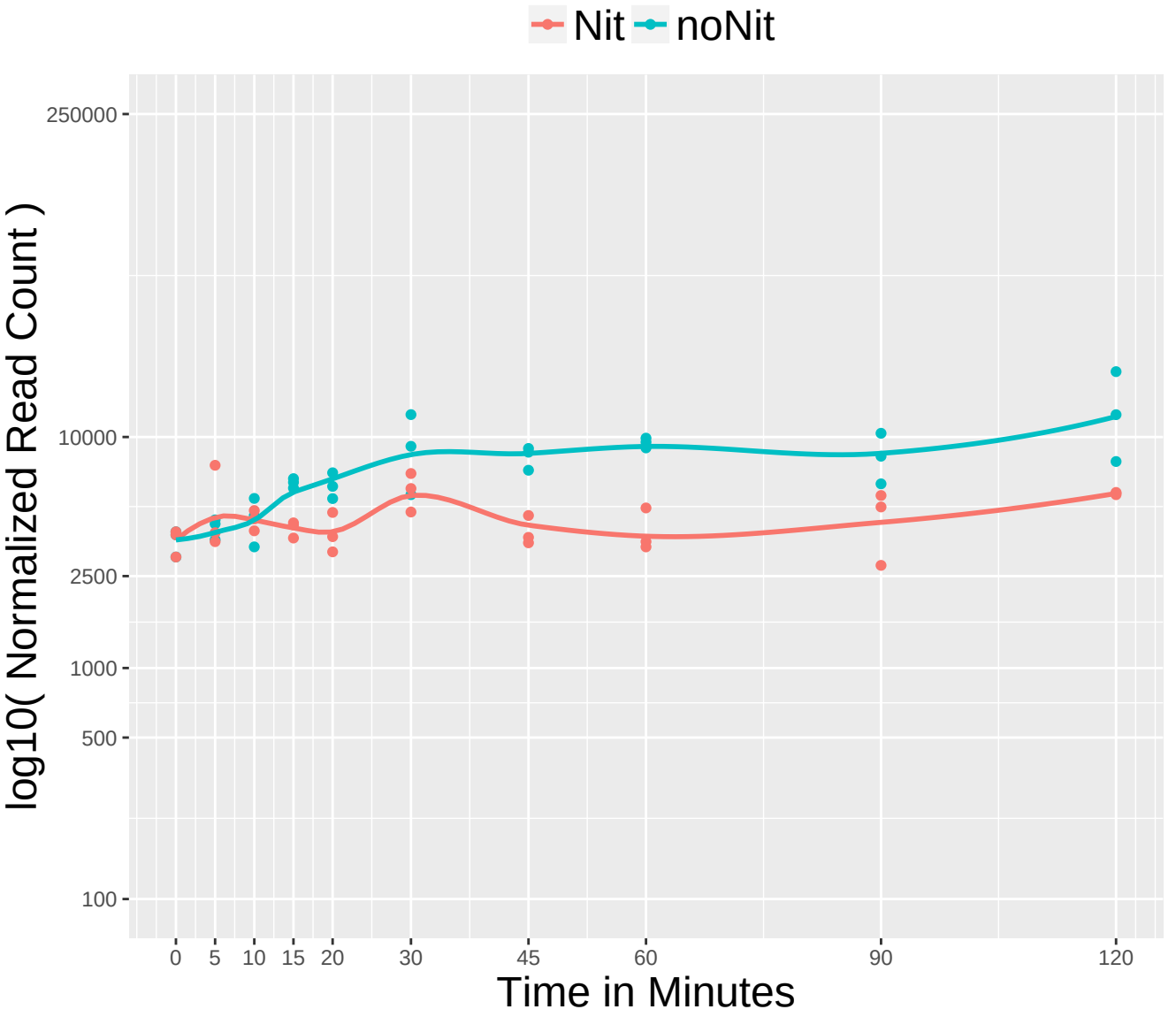
CYP81F2,"cytochrome



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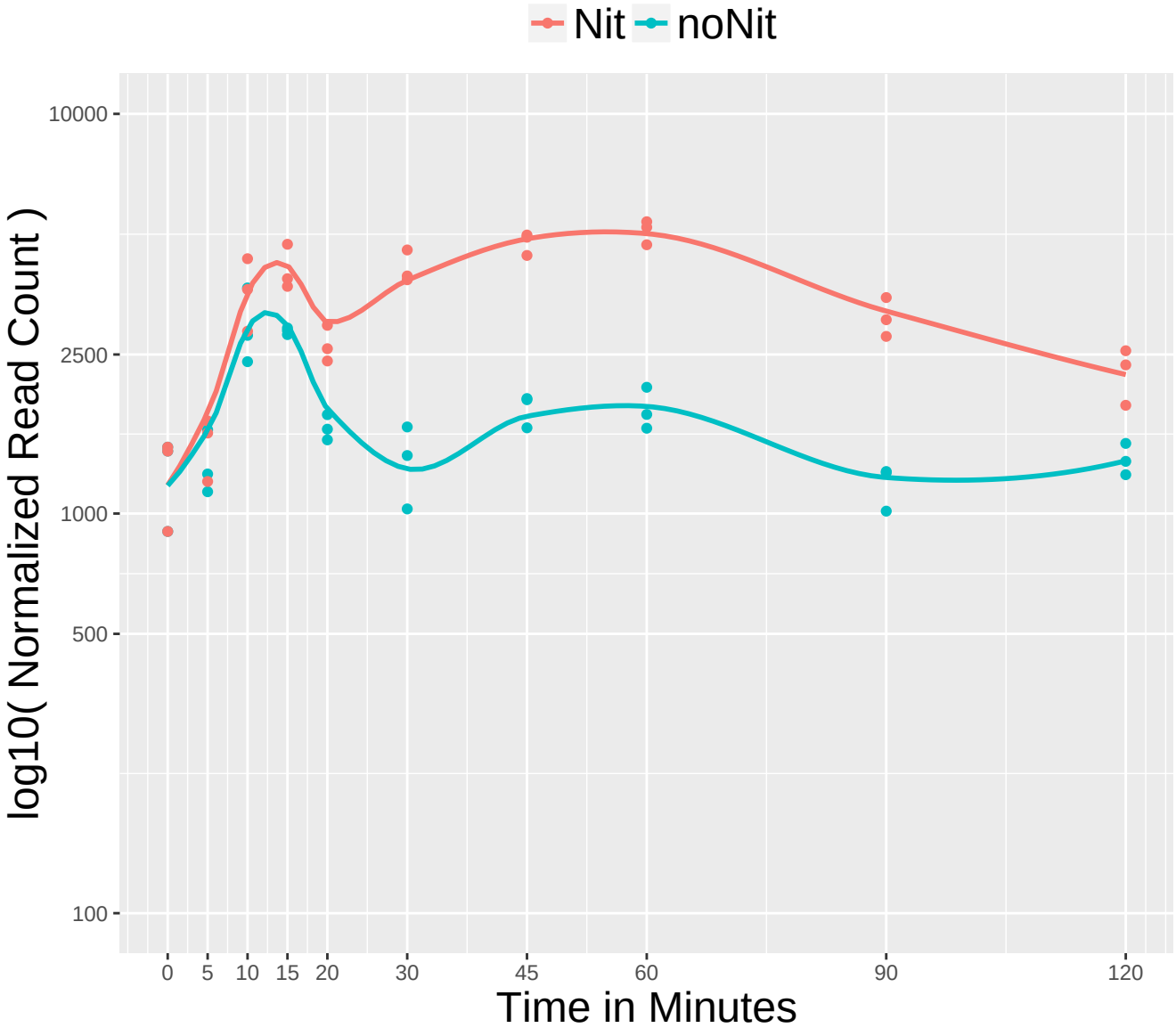
Homeodomain−like



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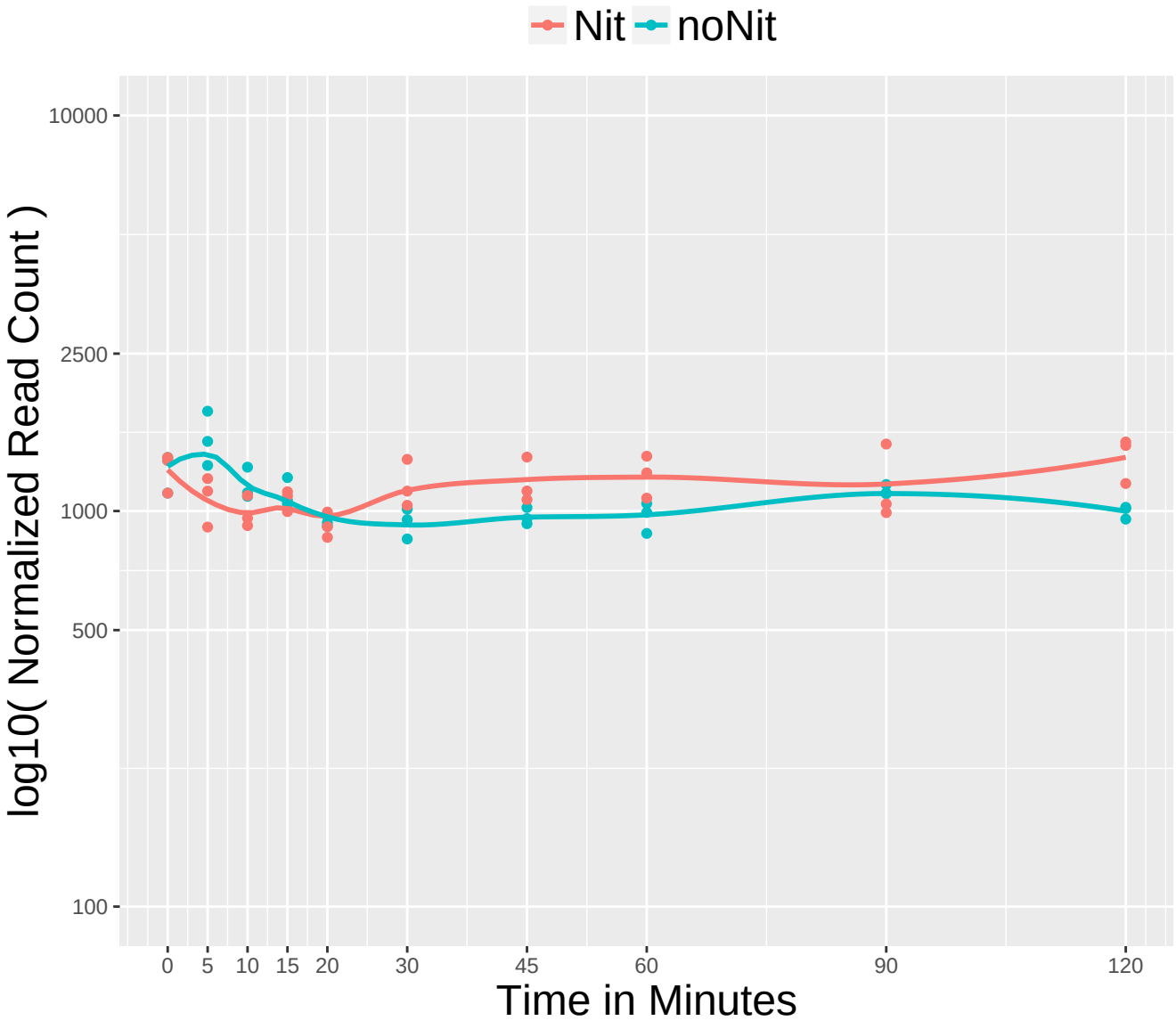
Wound−responsive



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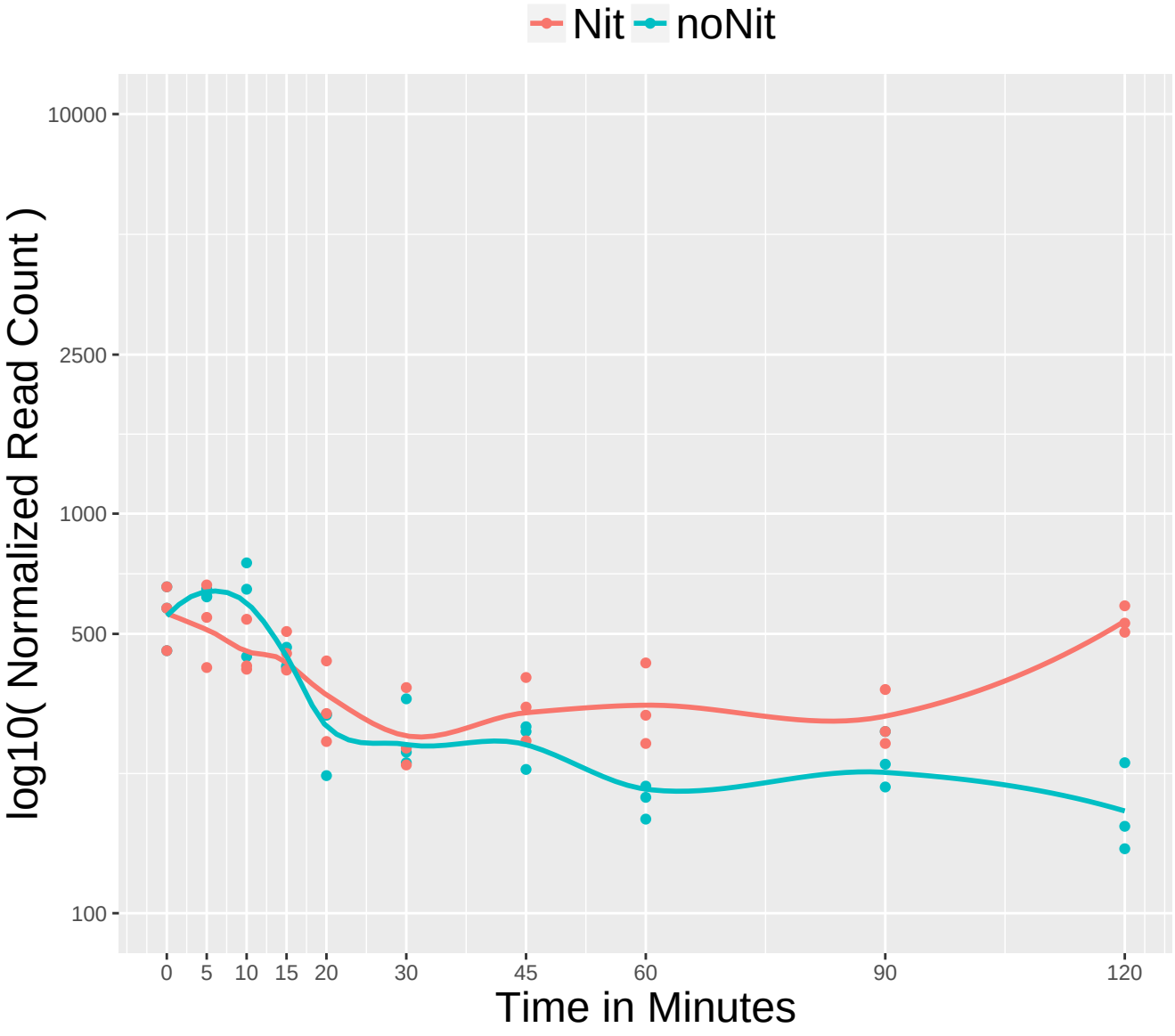
SWIB/MDM2



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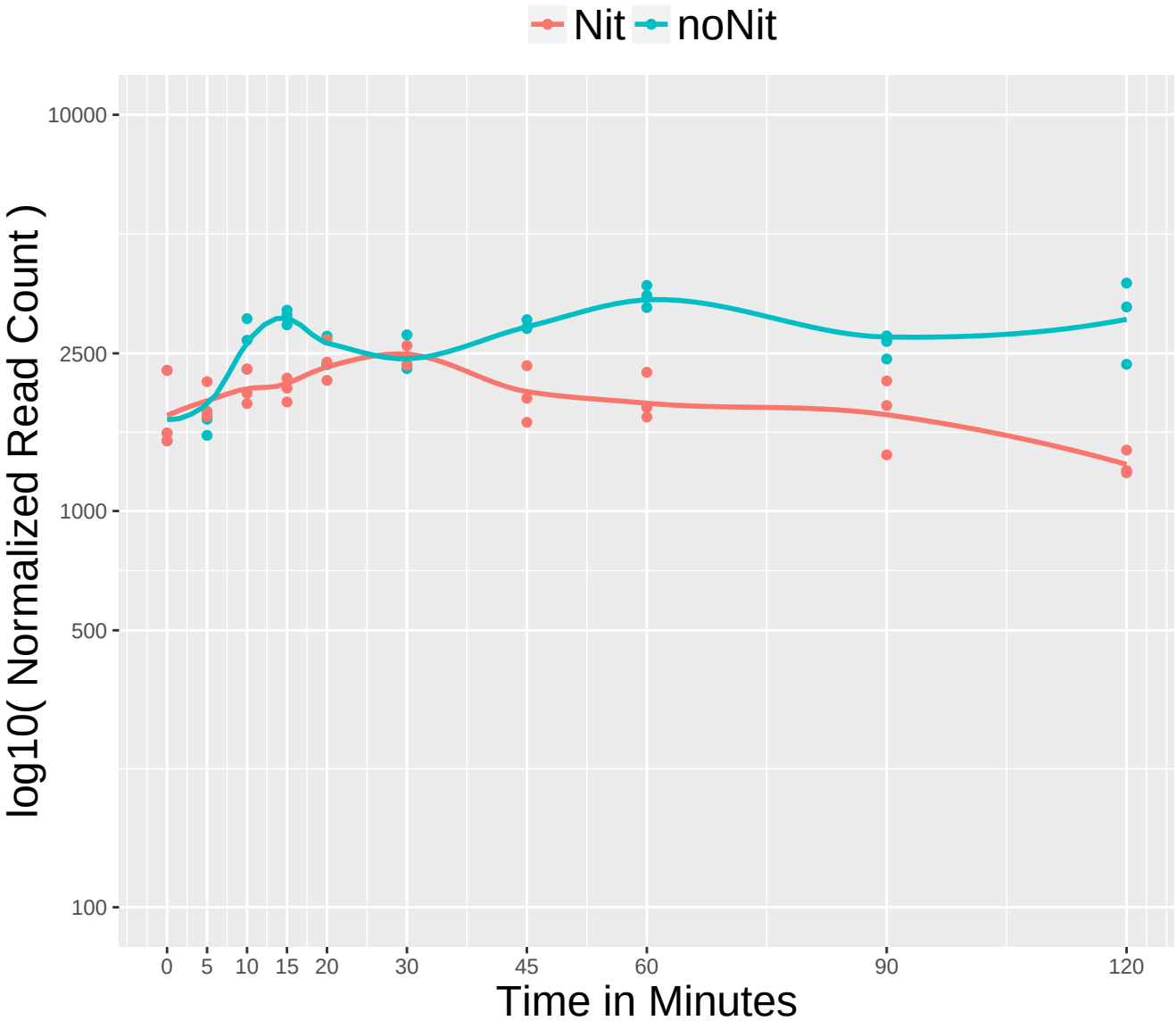

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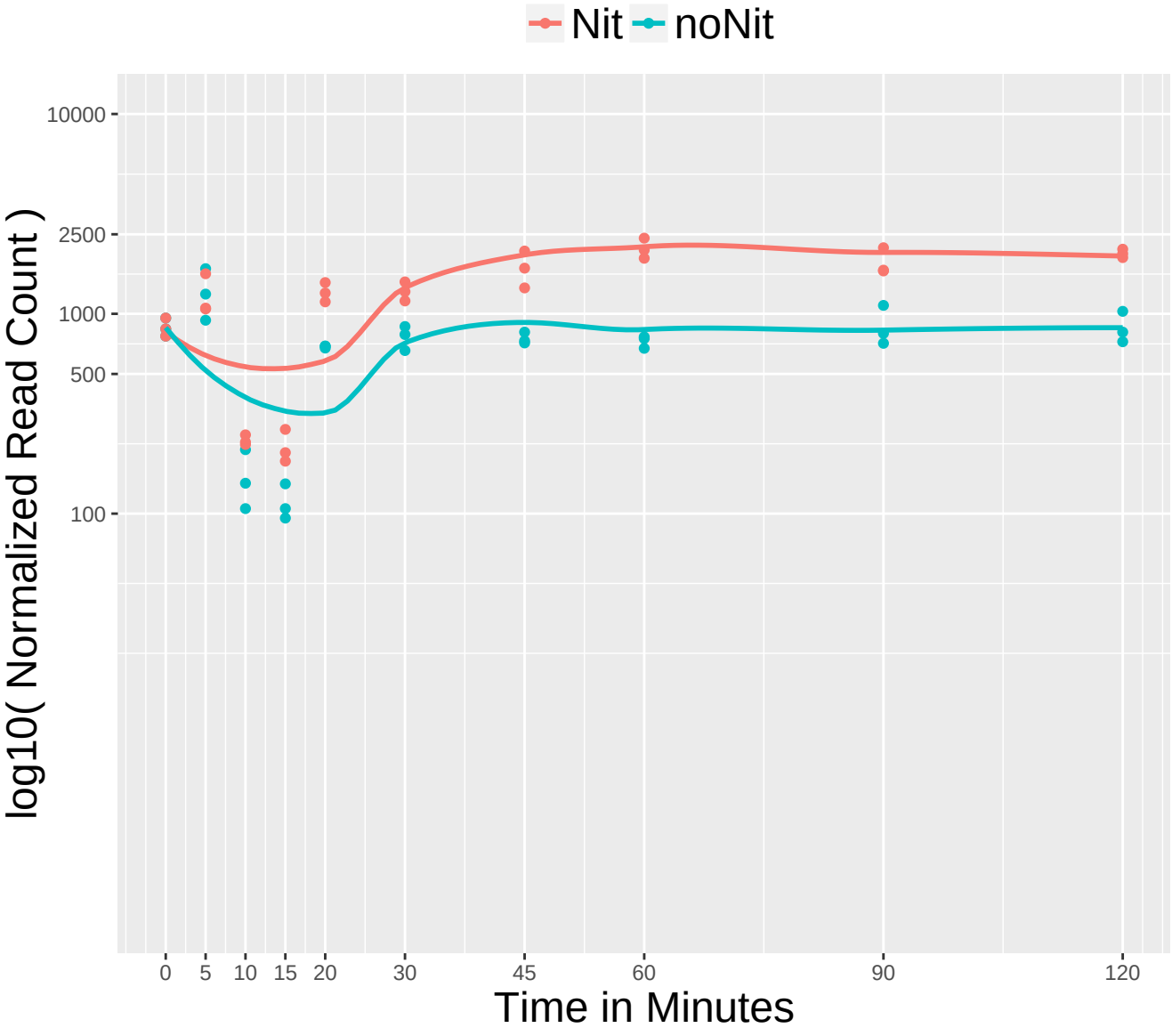
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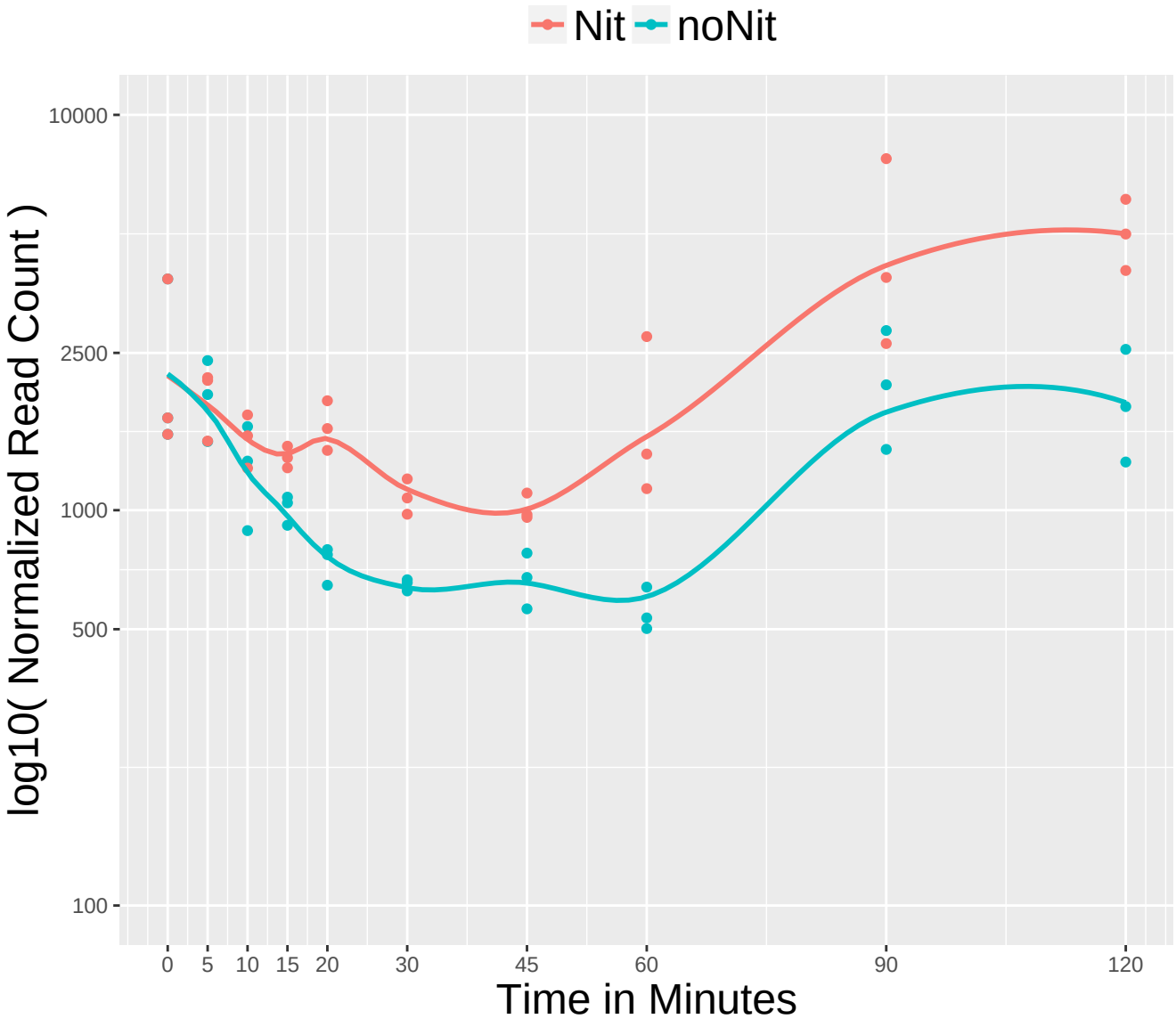
AT1G72360

AtERF73,,ERF73,ethylene



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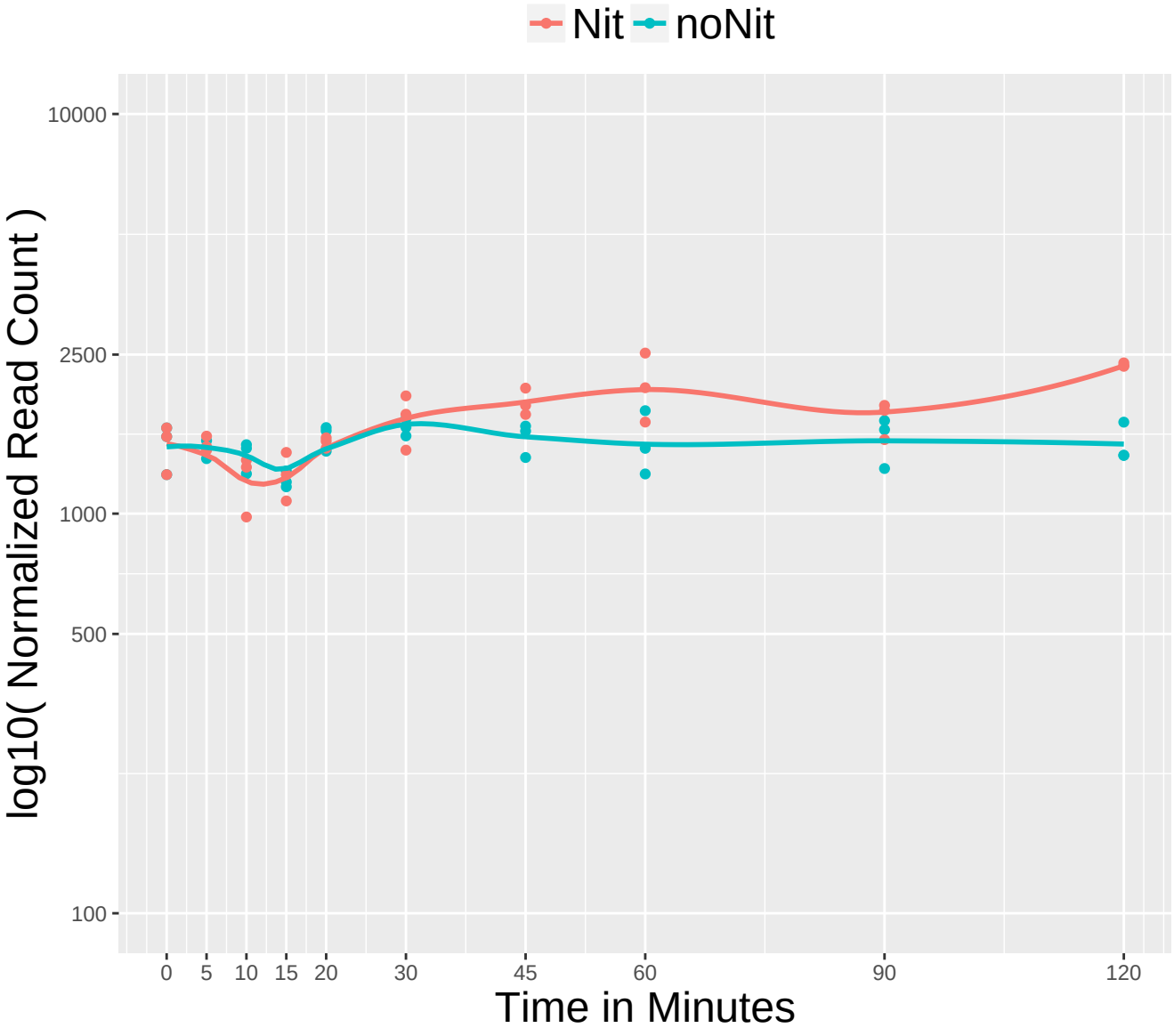

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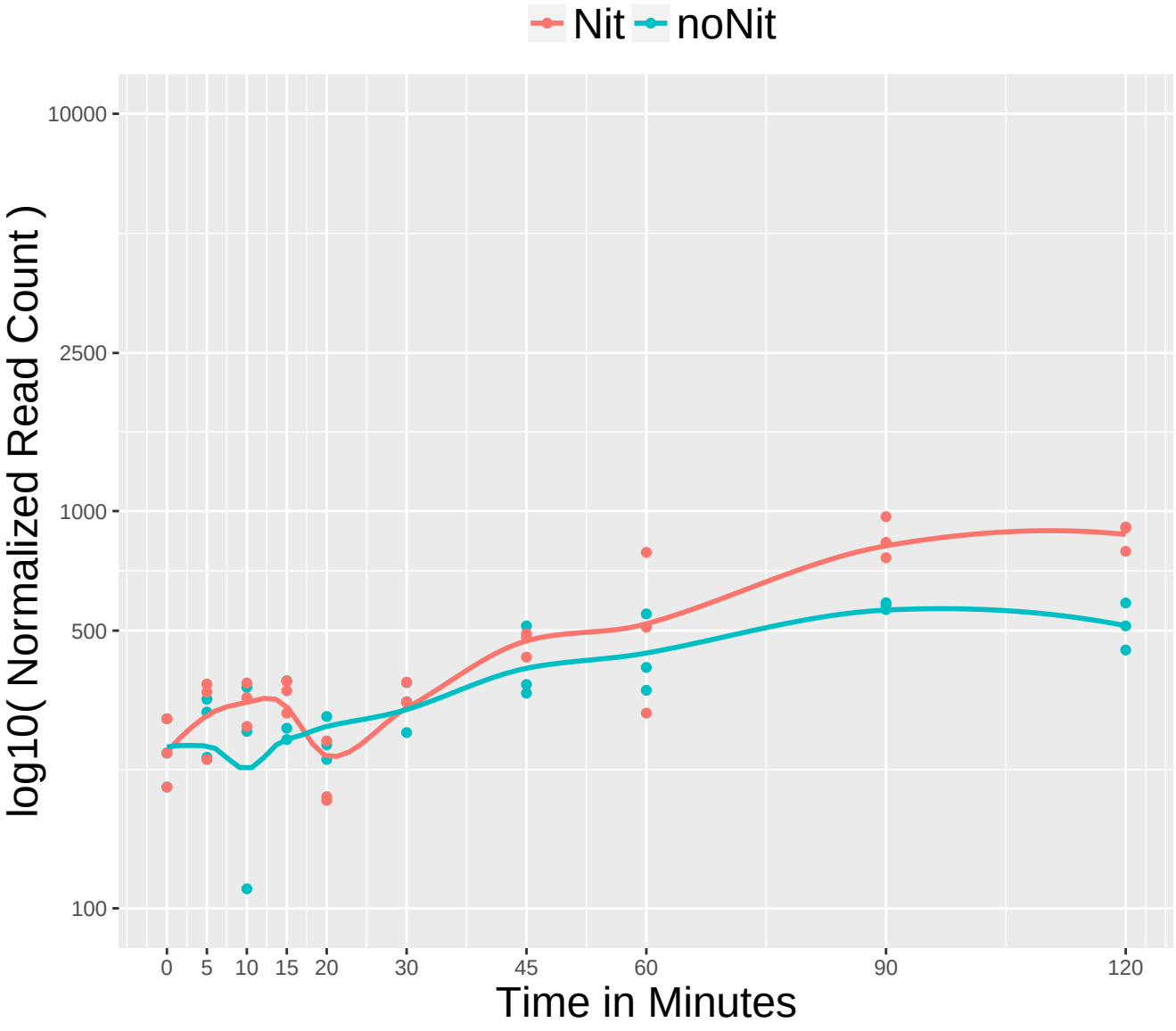
UPB1,UPBEAT1



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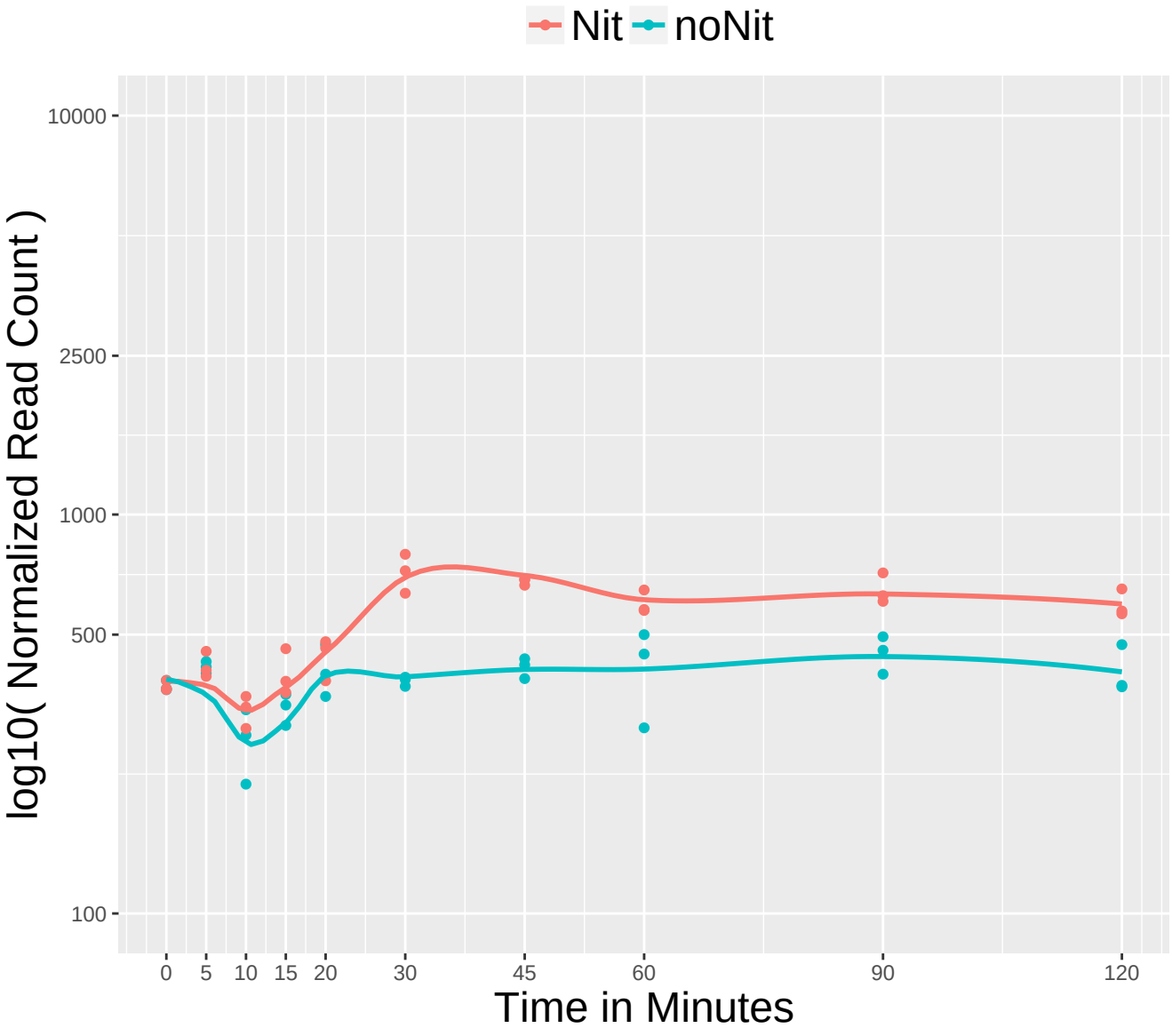
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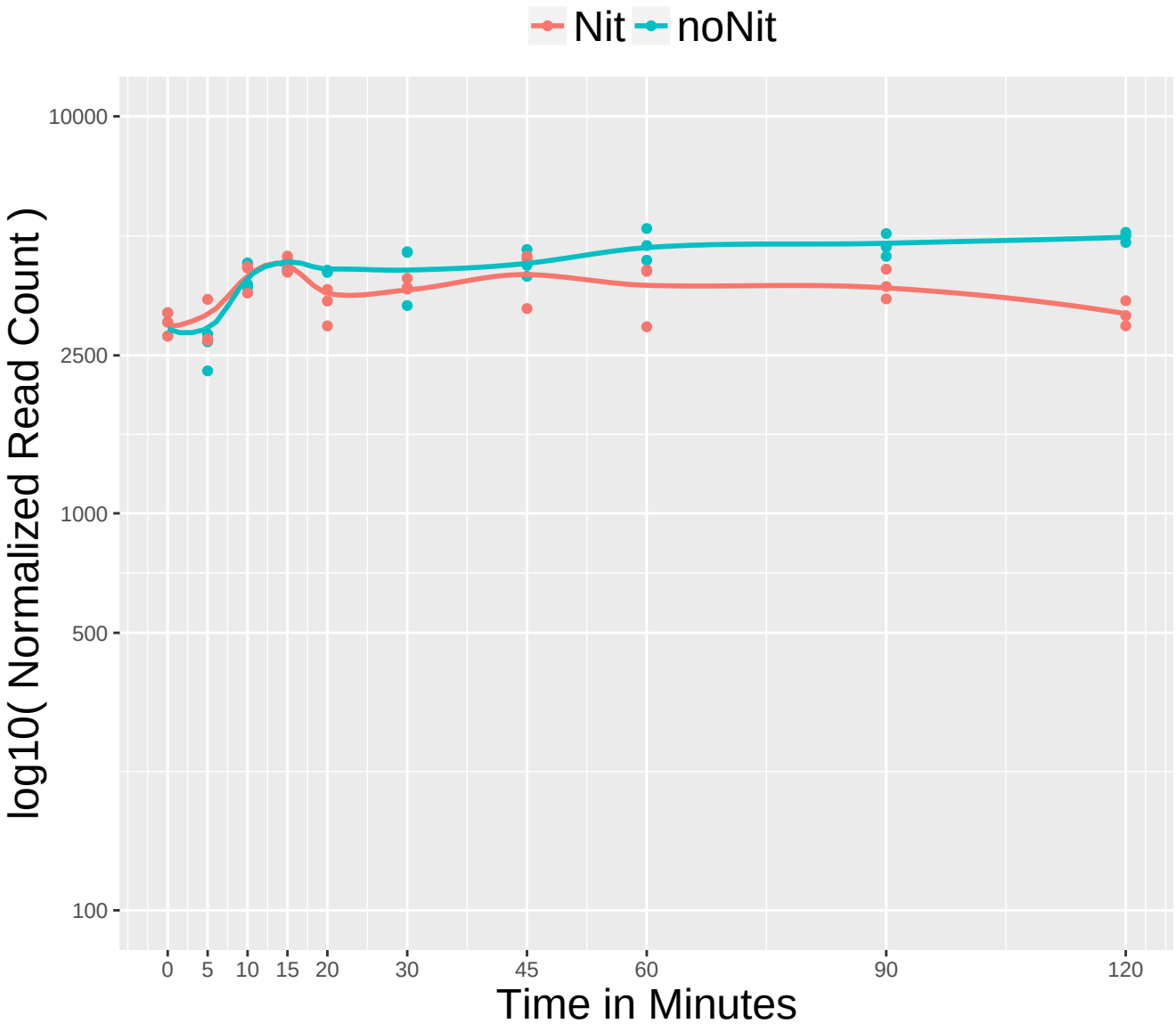
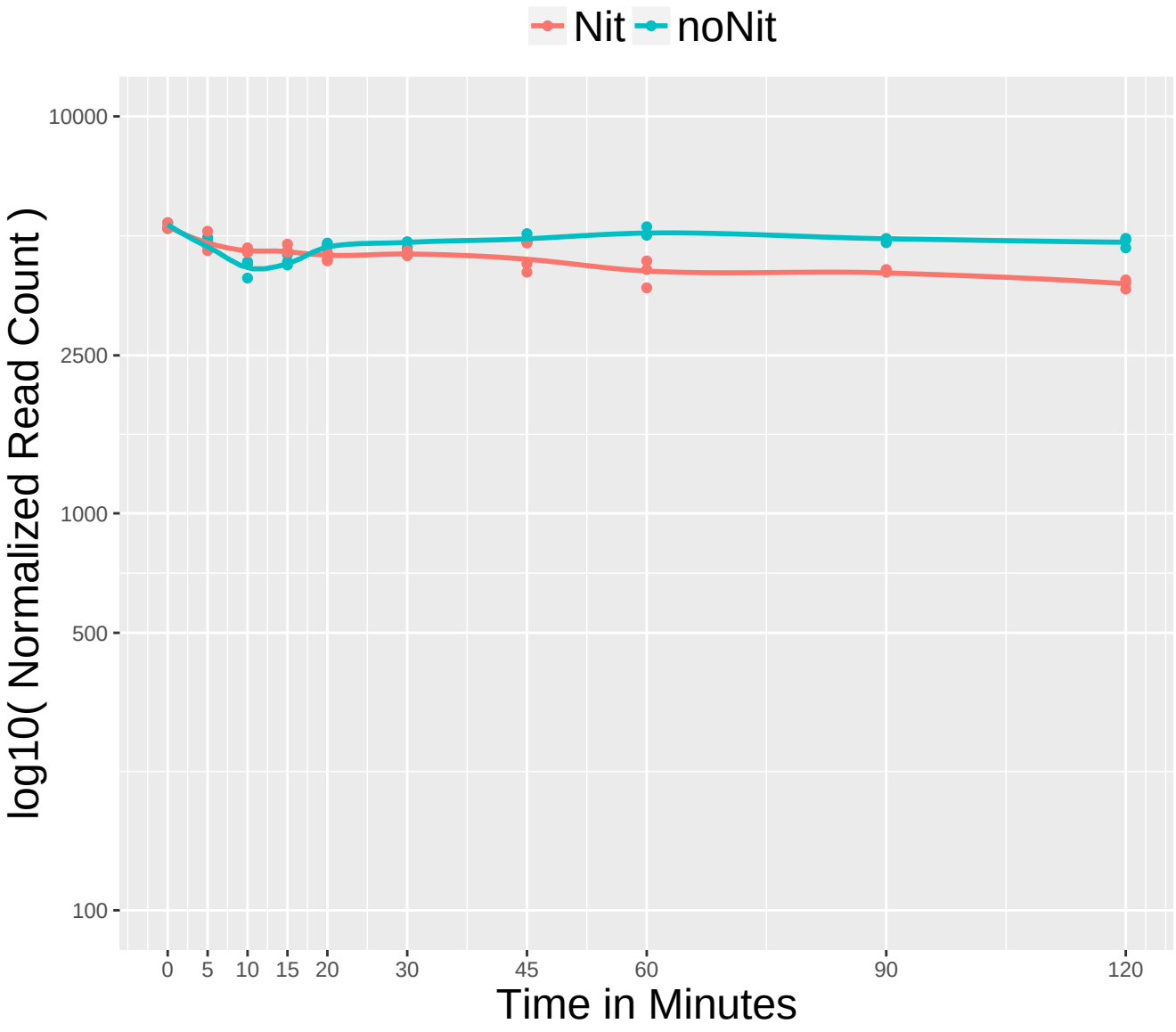
AT3G16630

ATKINESIN−13A,,KINESIN−13A



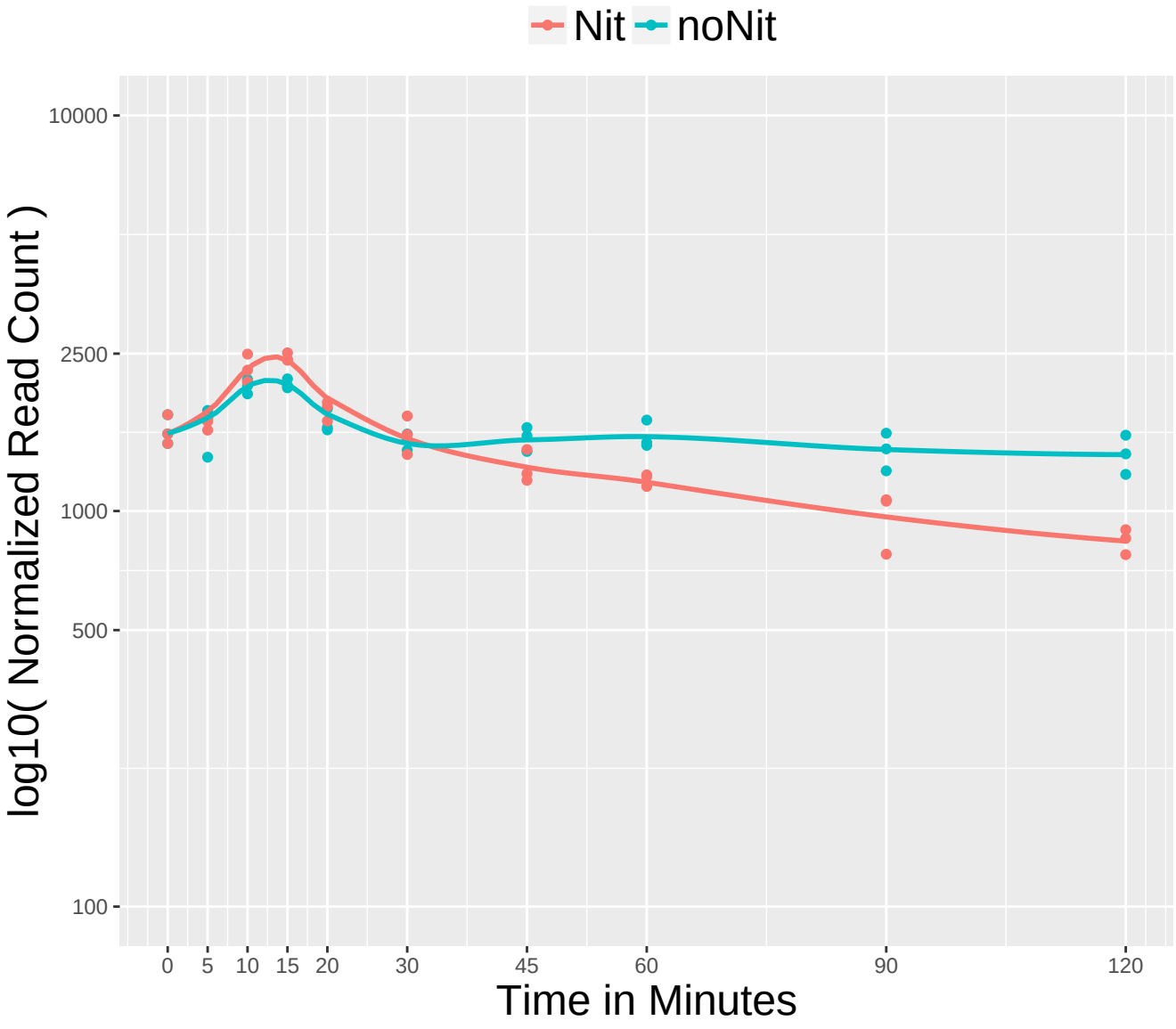
AT3G19420

ATPEN2,PTEN



AT3G45040

phosphatidate



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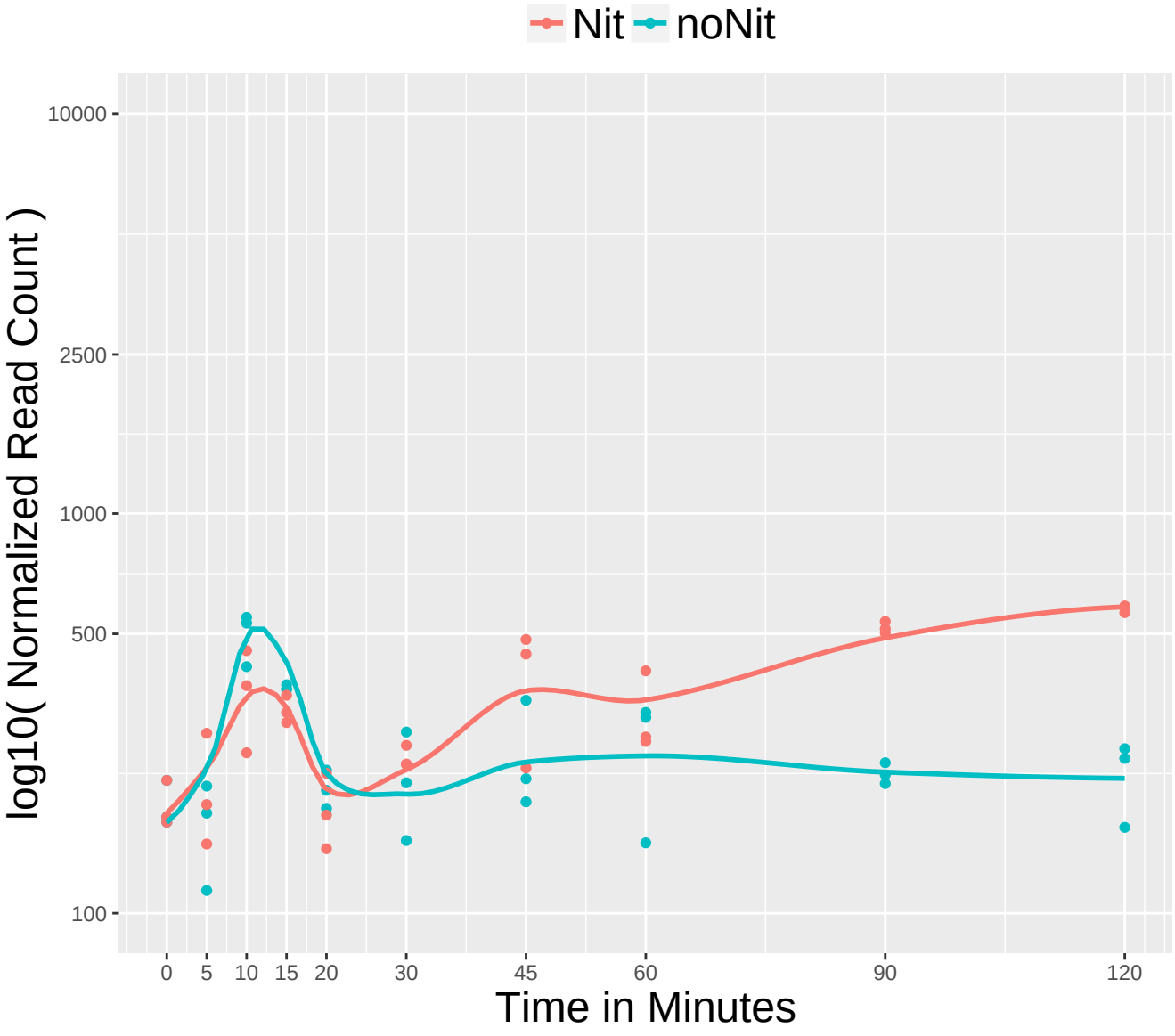
Plant



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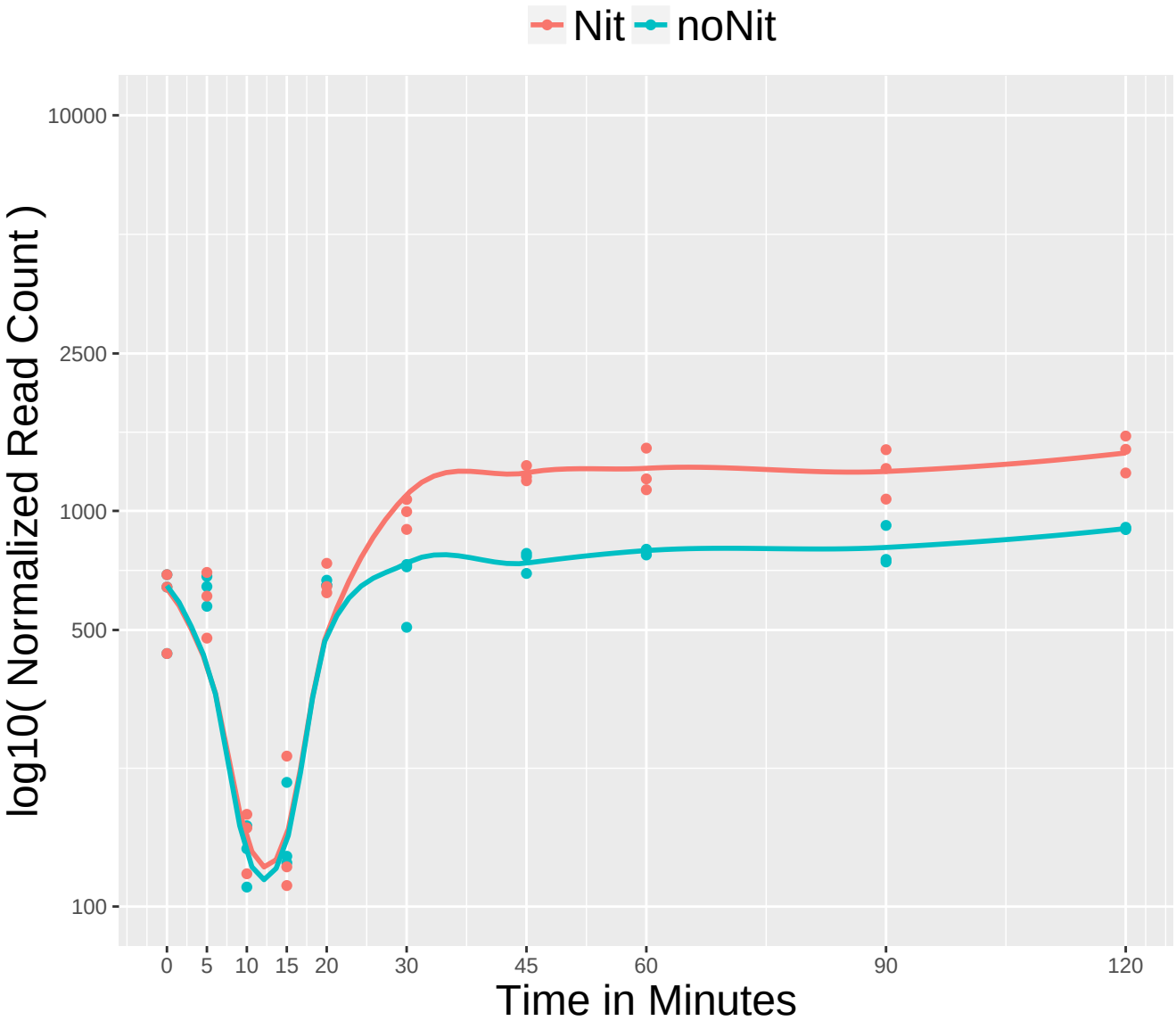
Phosphoglycerate



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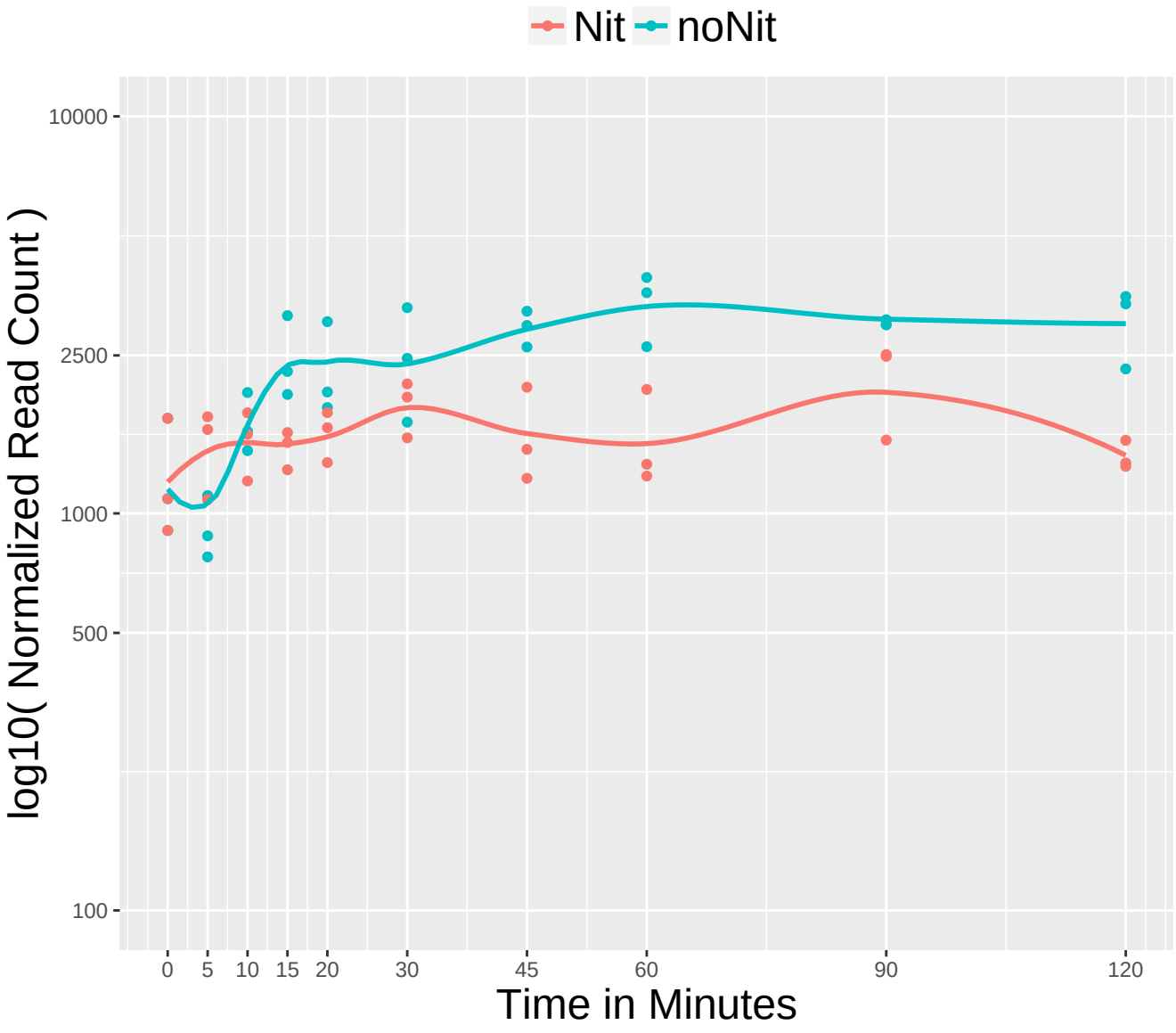
GSO1,GASSHO1



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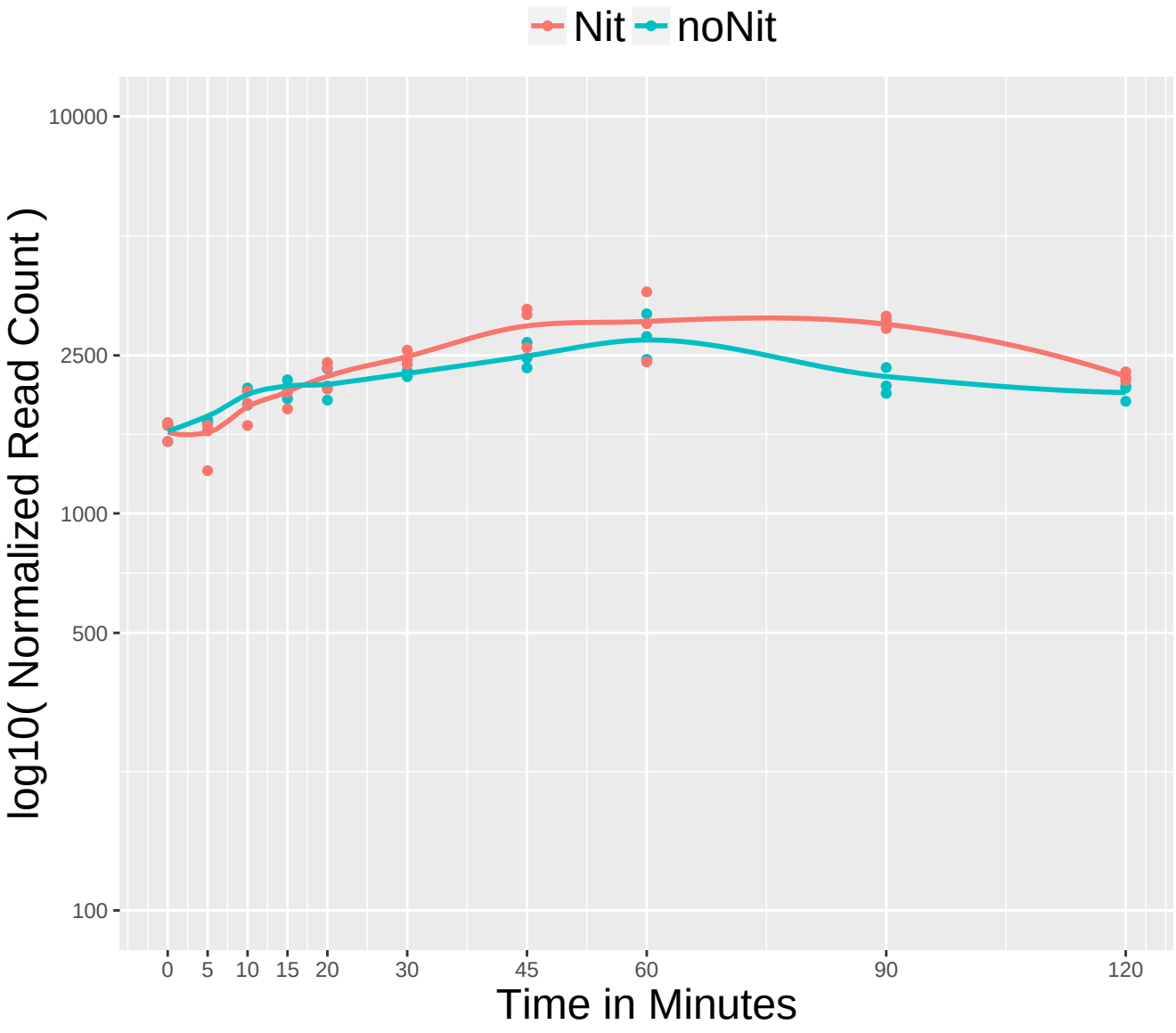
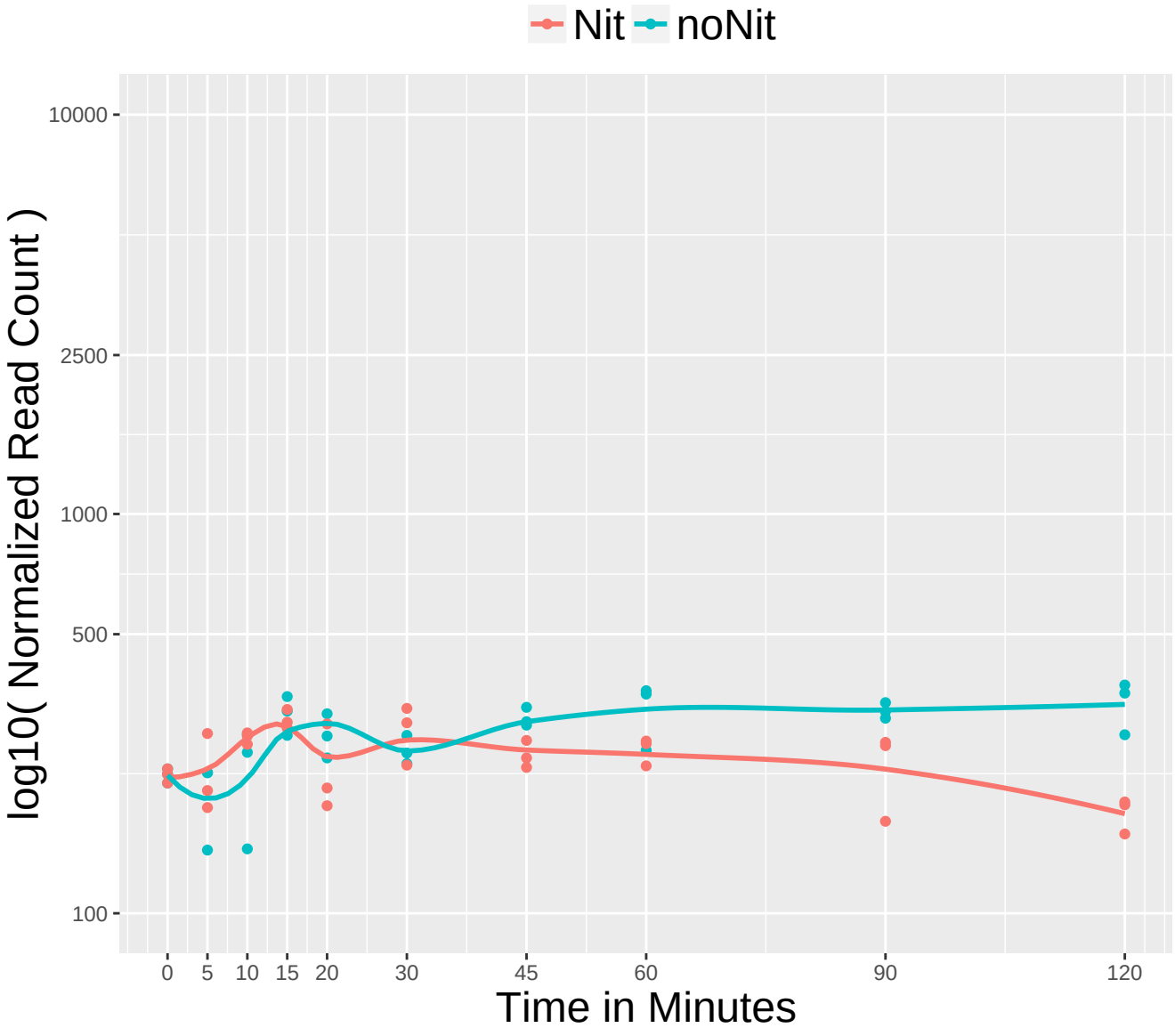
ATCPL1,C−TERMINAL



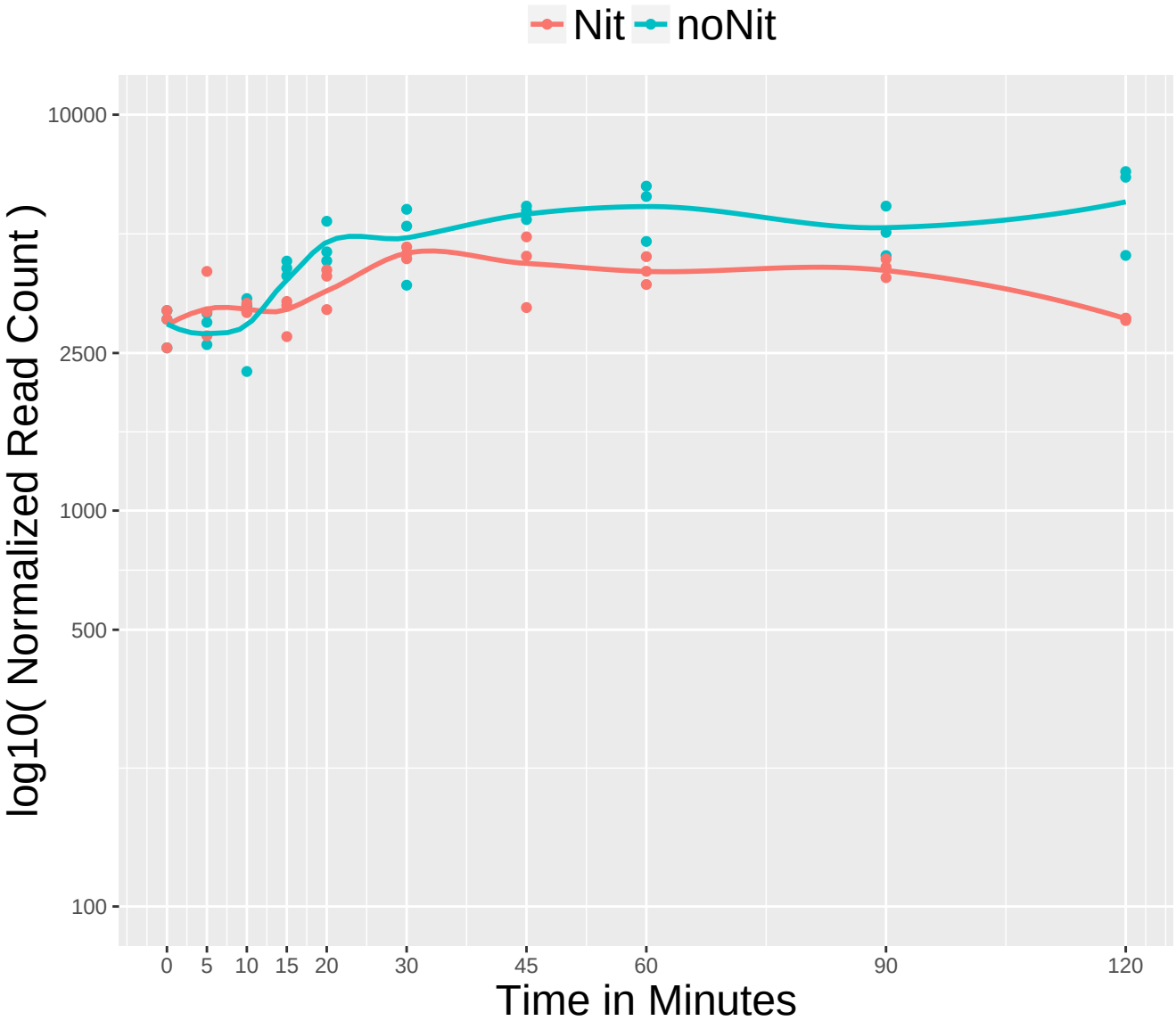
AT4G38730

Protein



AT5G04930

ALA1,aminophospholipid



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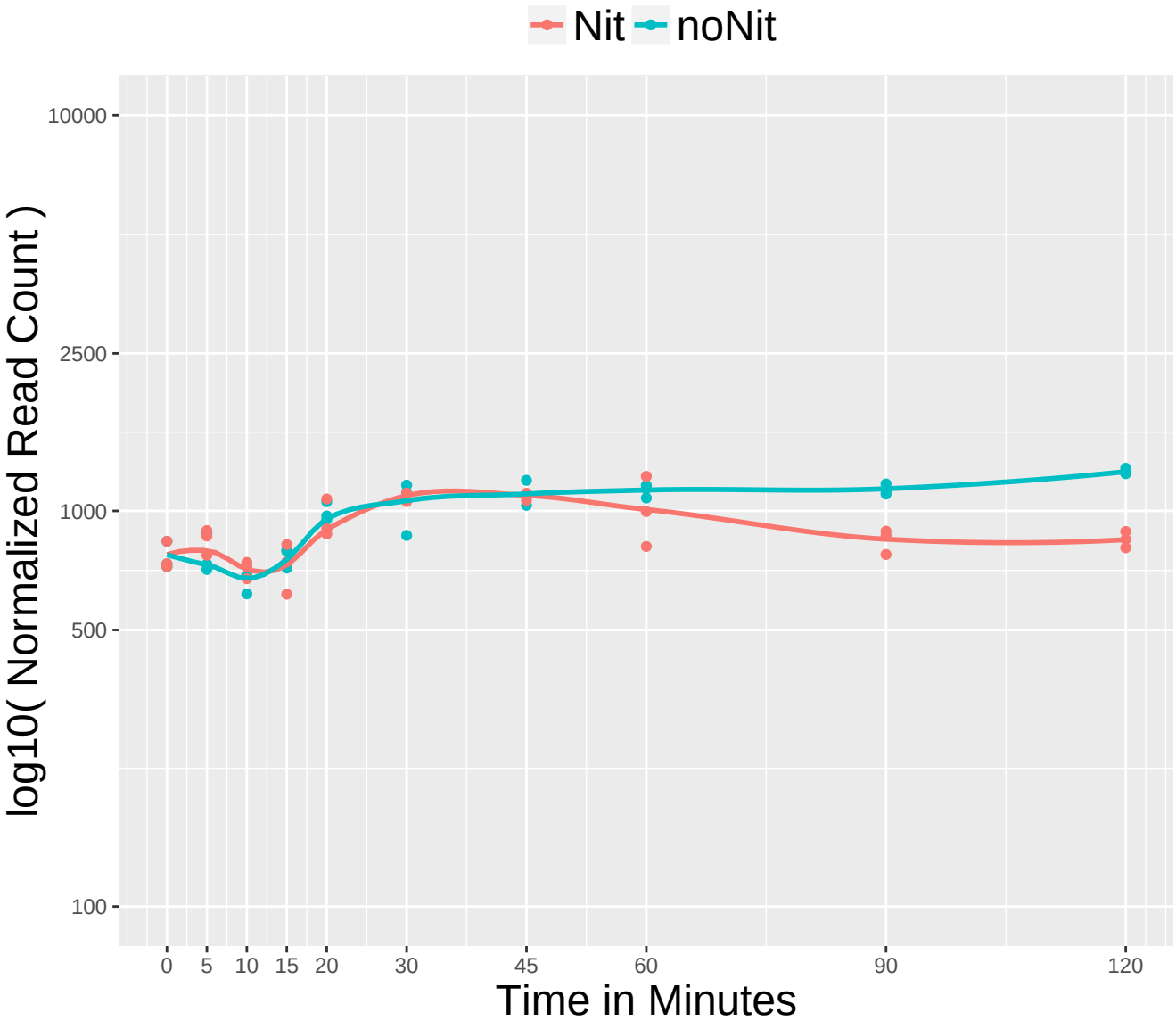
Nucleotide−sugar



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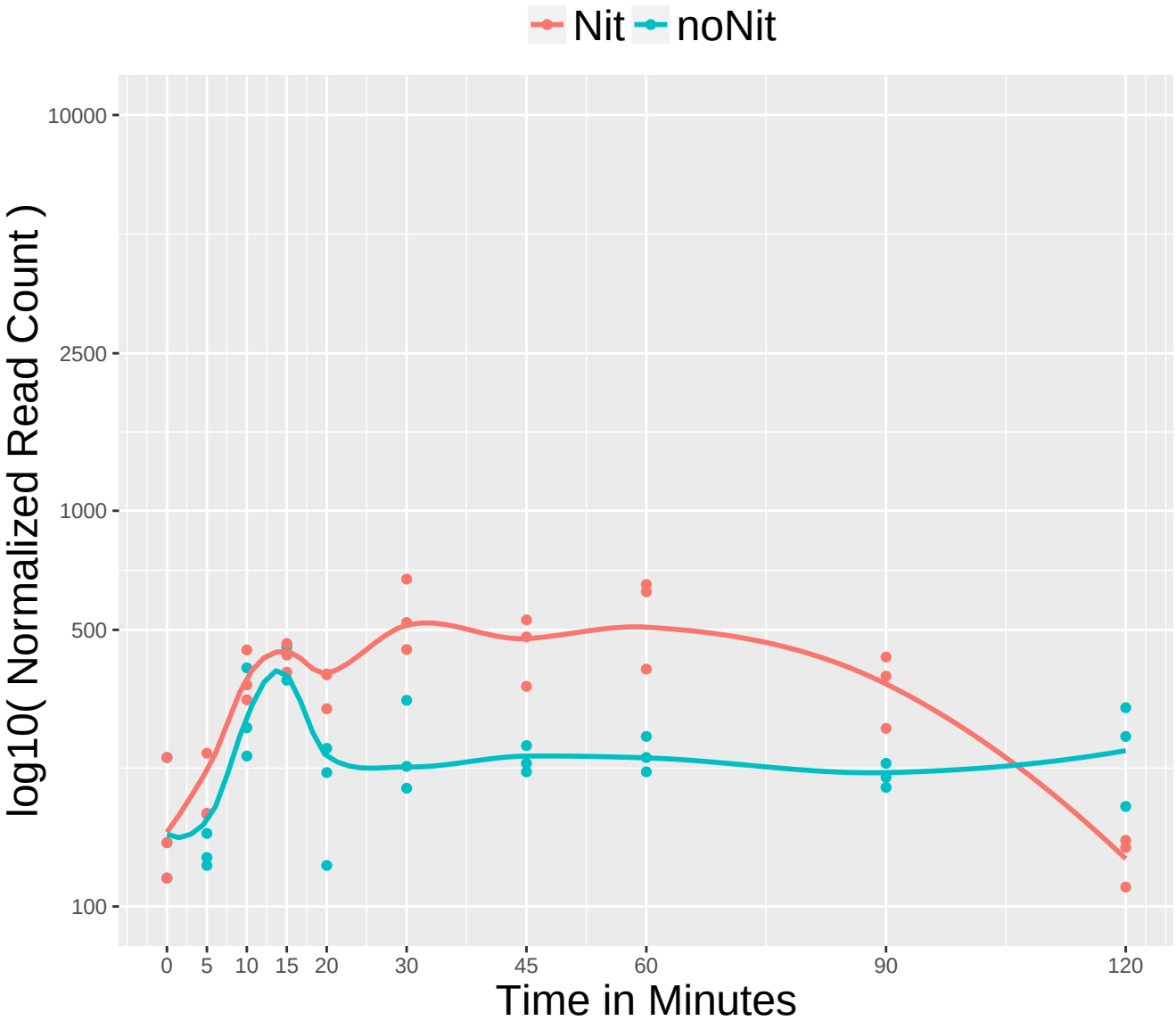
Cytochrome



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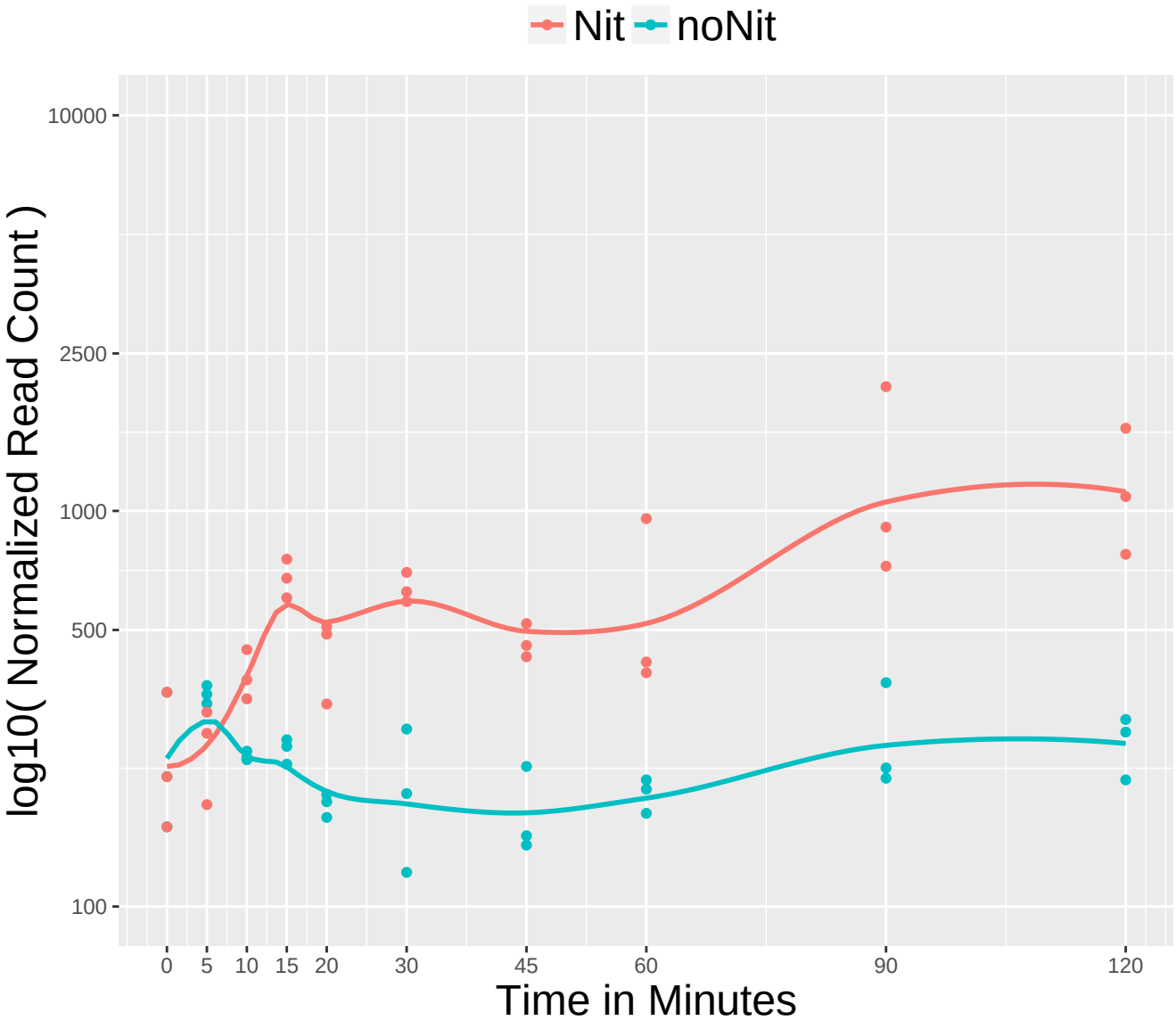
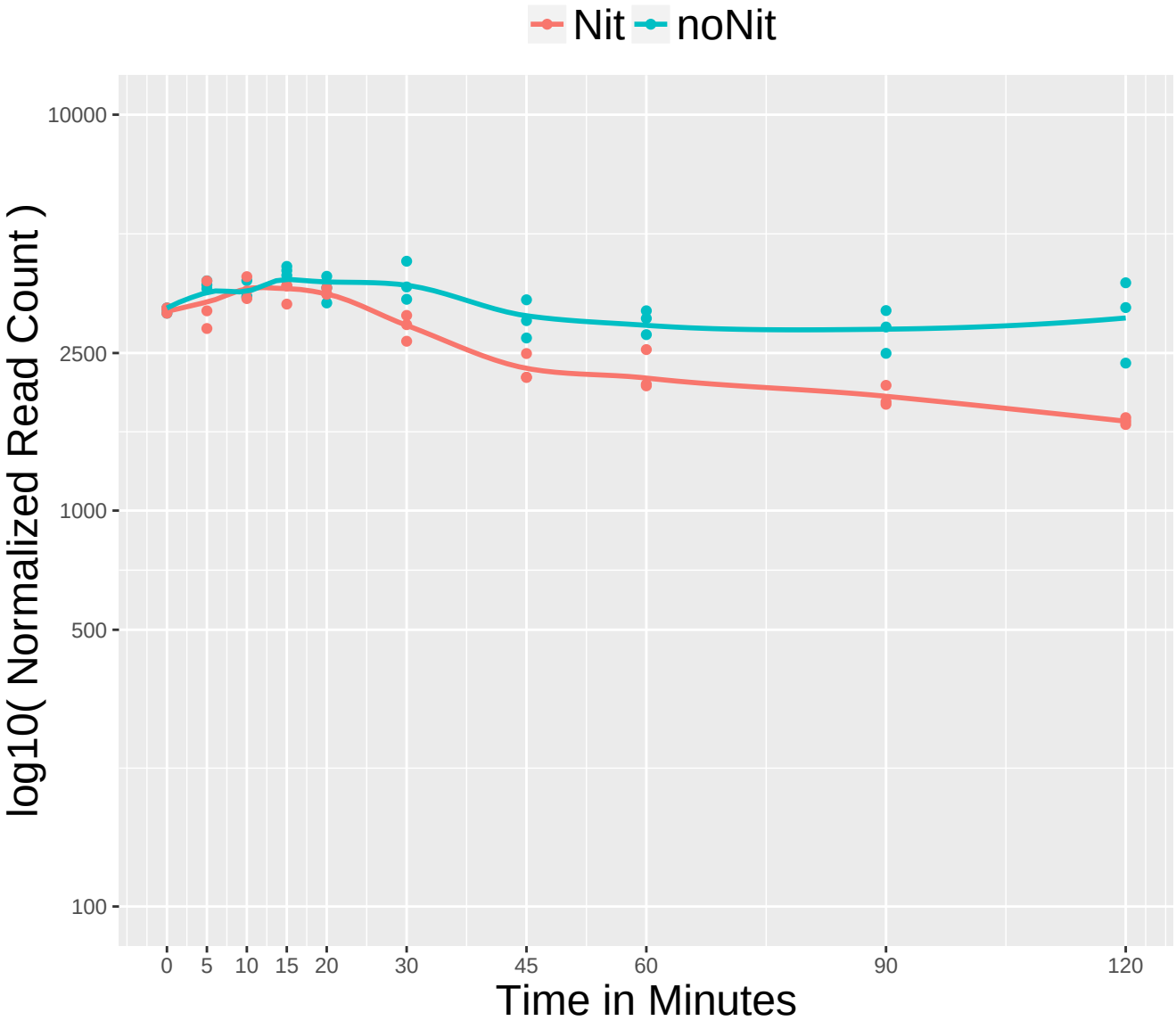
Integrase−type



AT5G66210

CPK28,calcium−dependent



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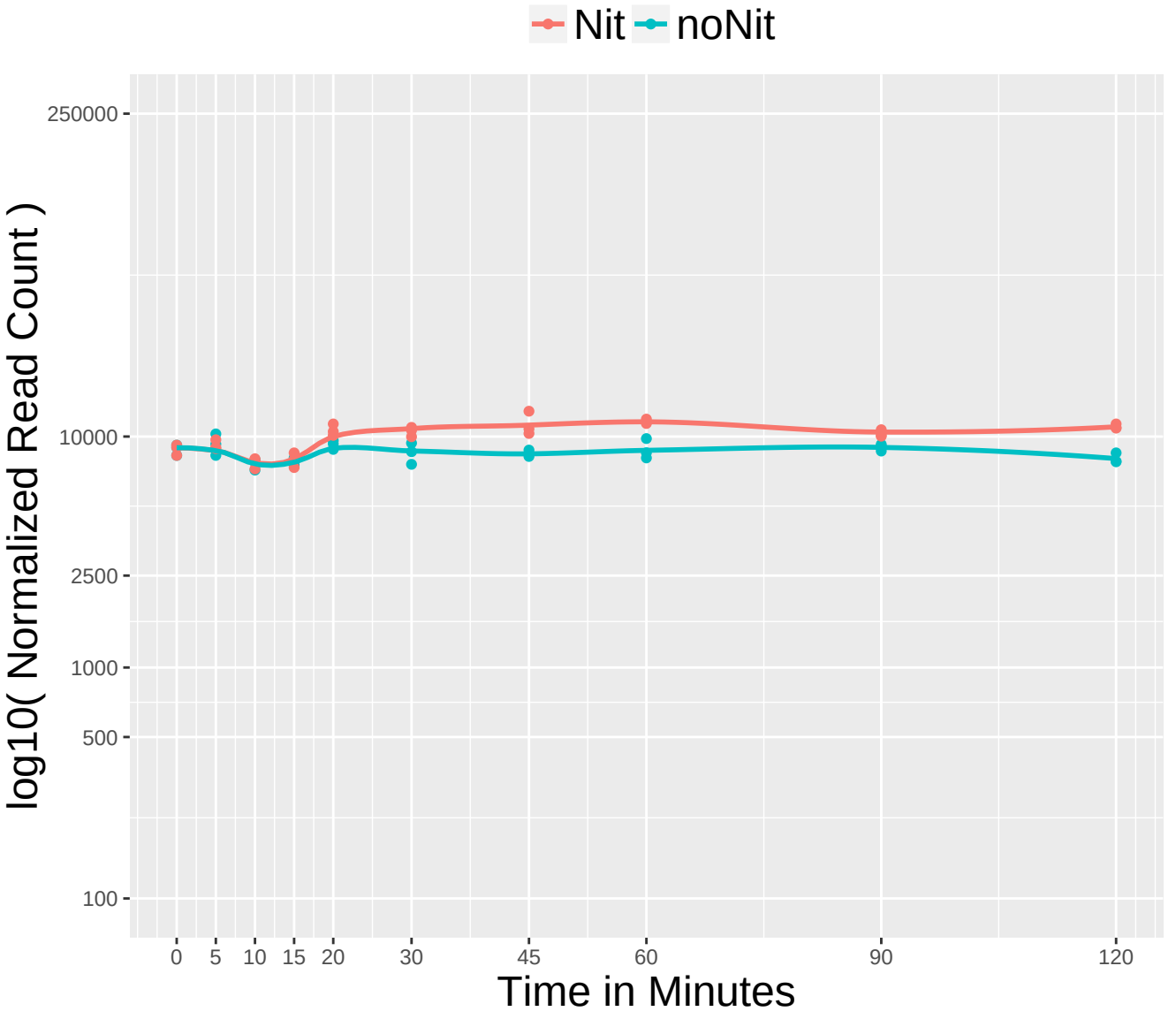
ATUBC1,,UBC1,ubiquitin



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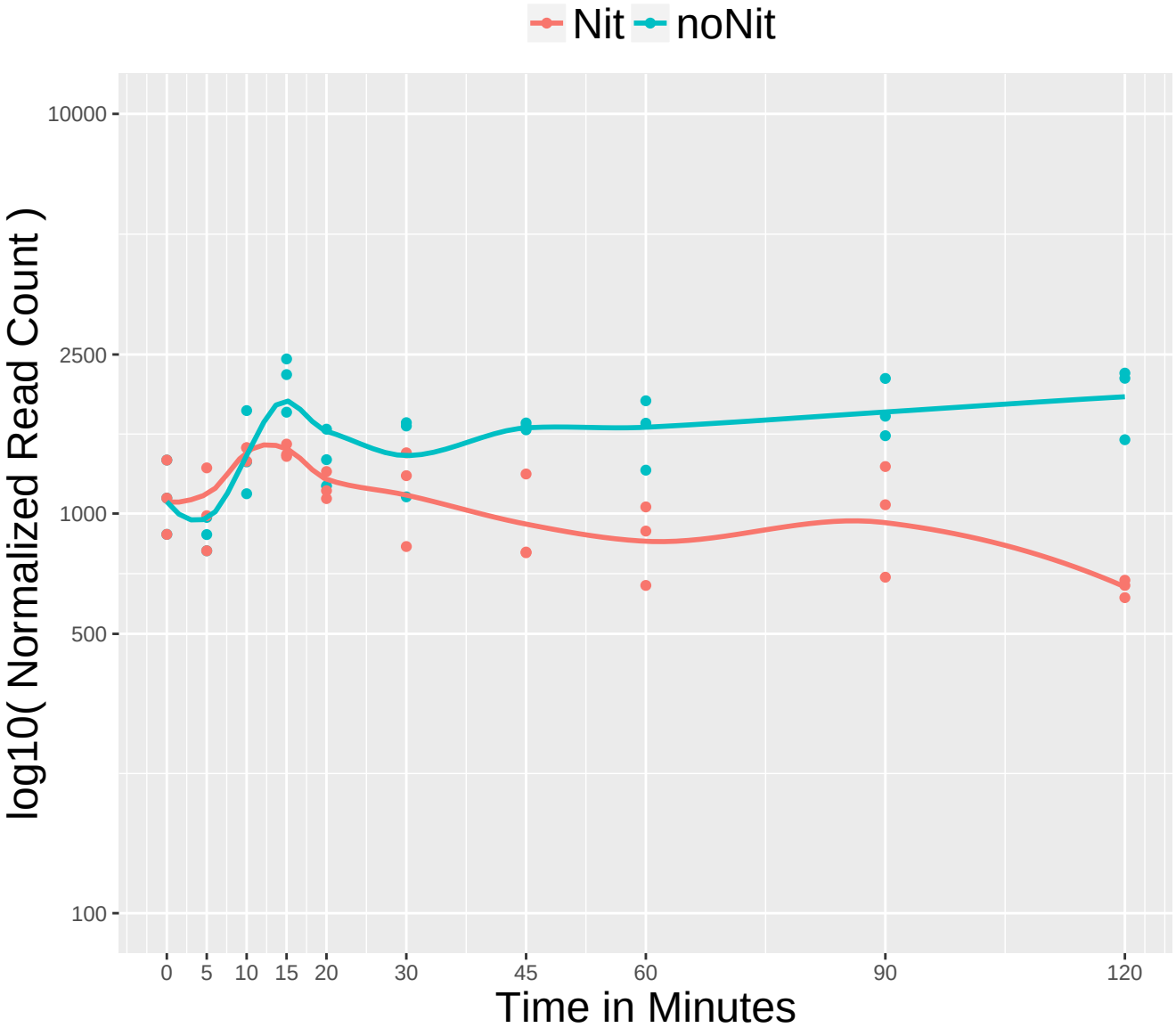
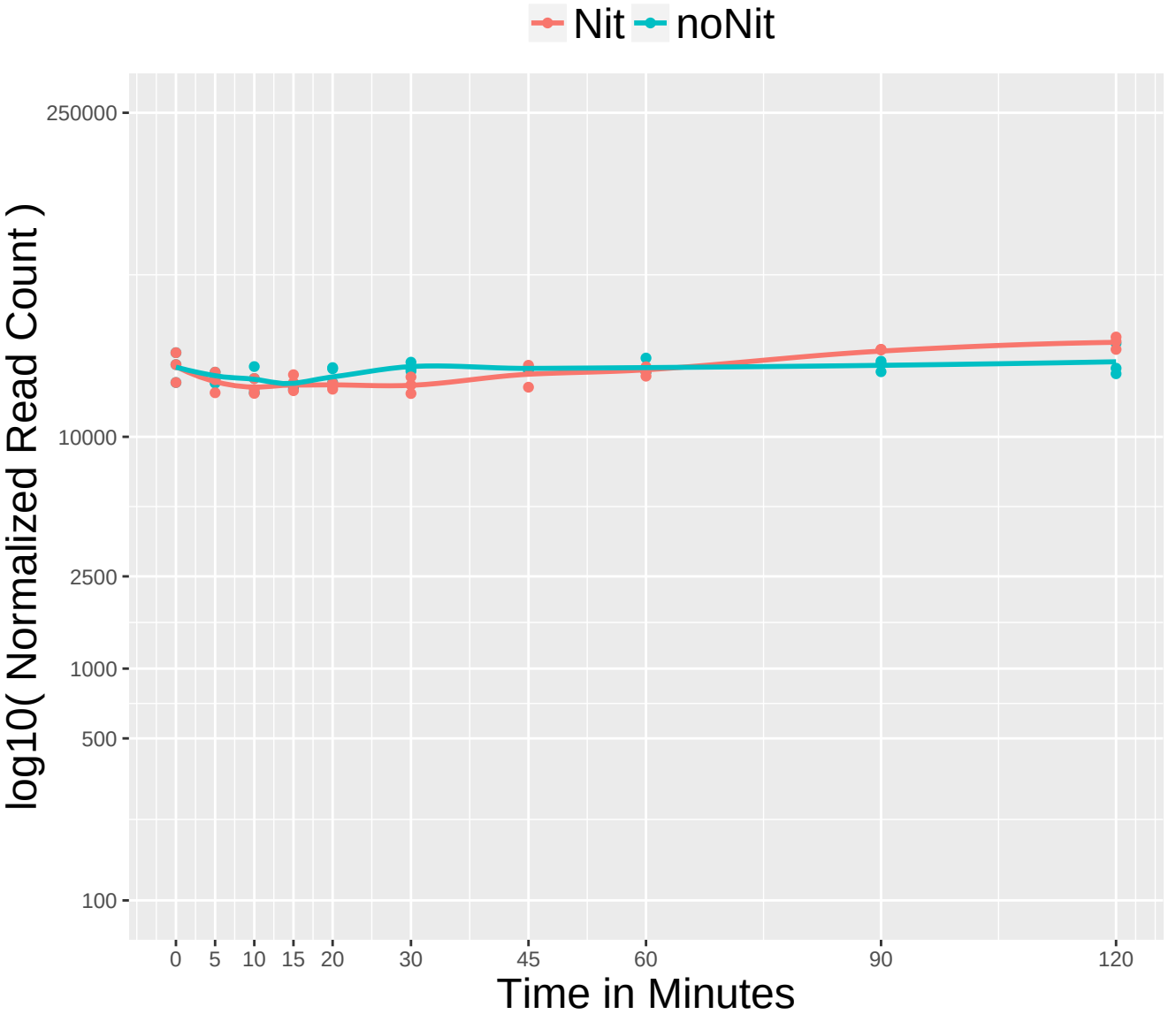
Riboflavin



AT1G48920

ATNUC−L1,nucleolin



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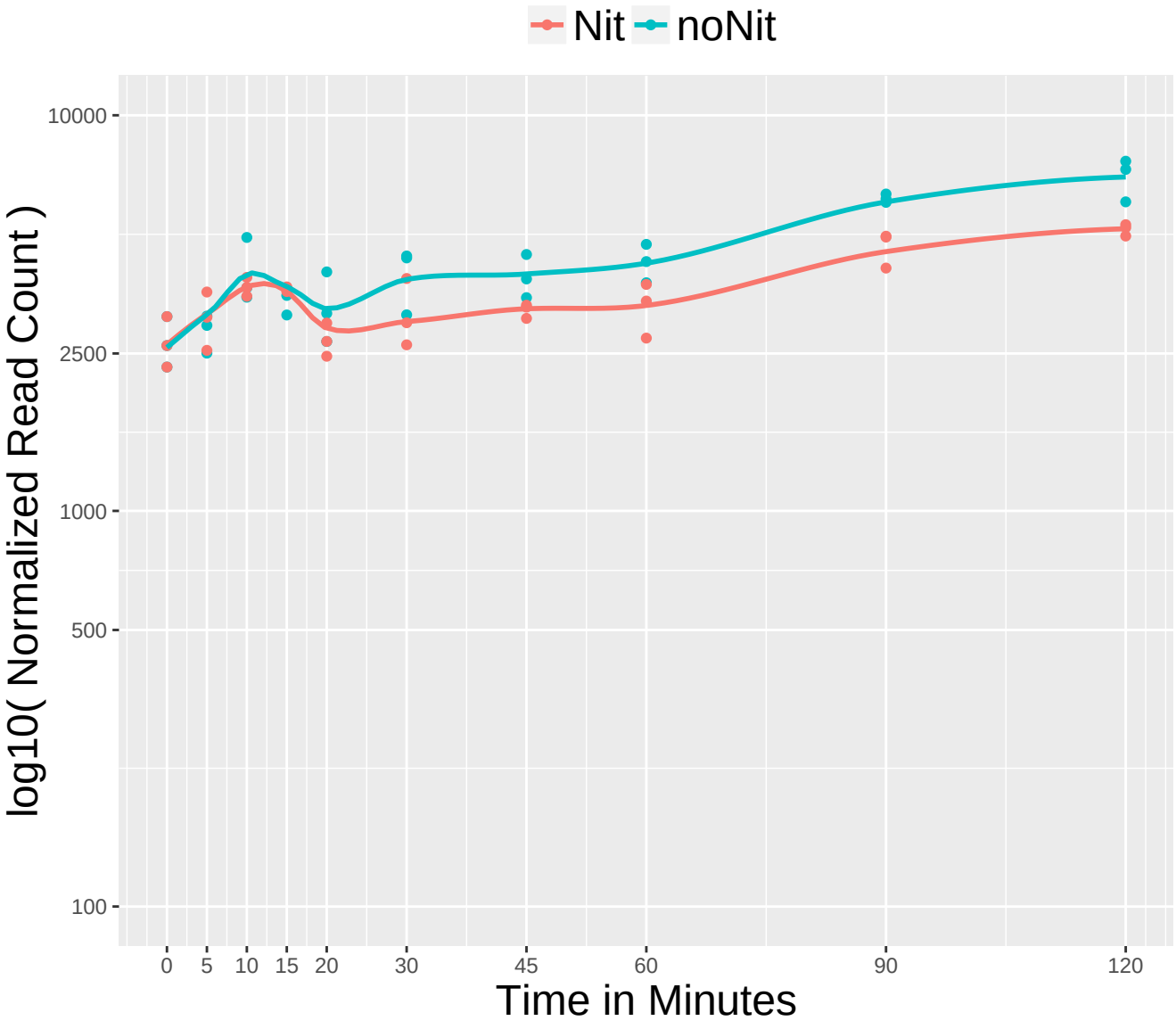
2−oxoglutarate



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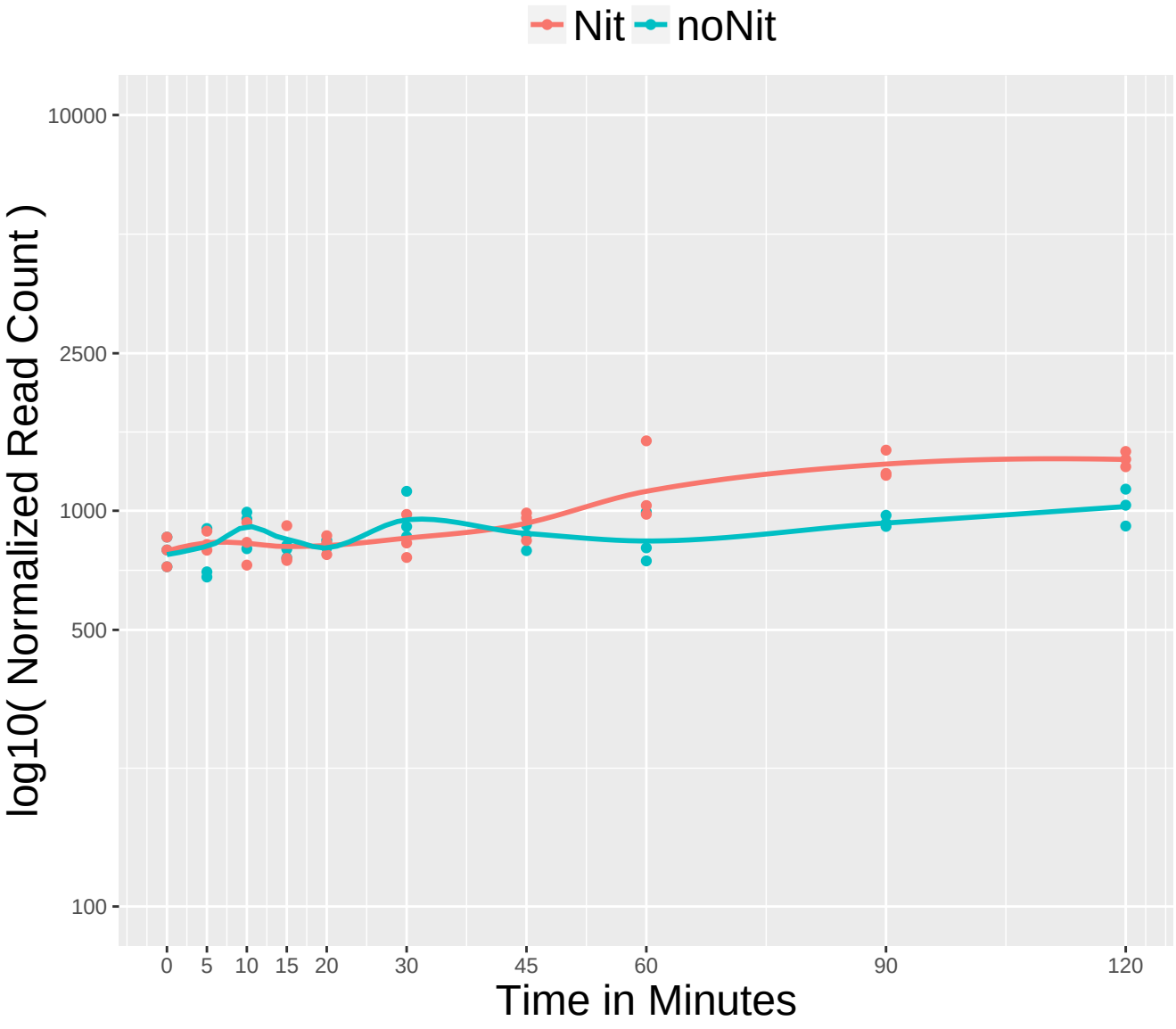
Pyridoxal



AT3G10800

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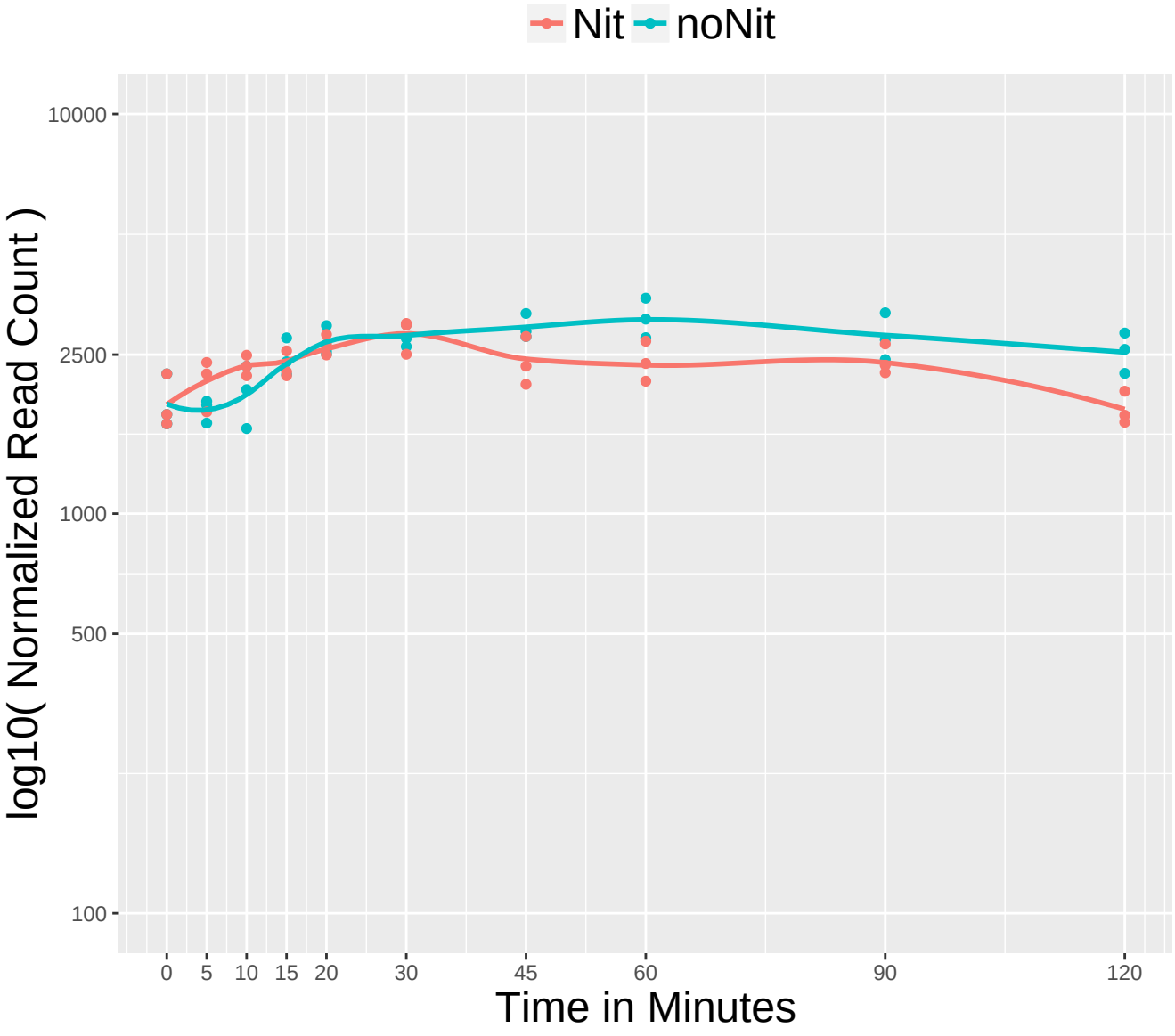

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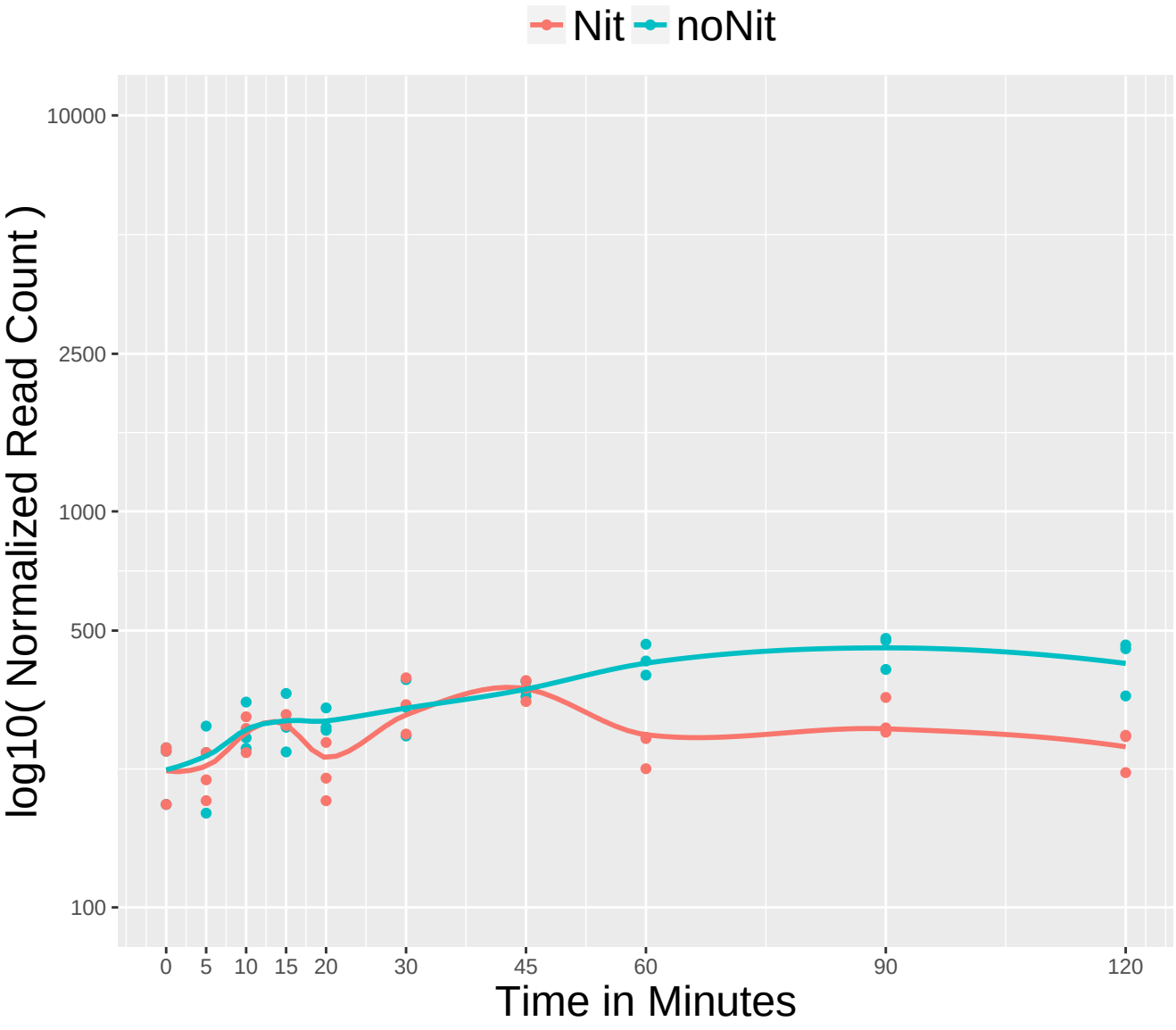
Core−2/I−branching



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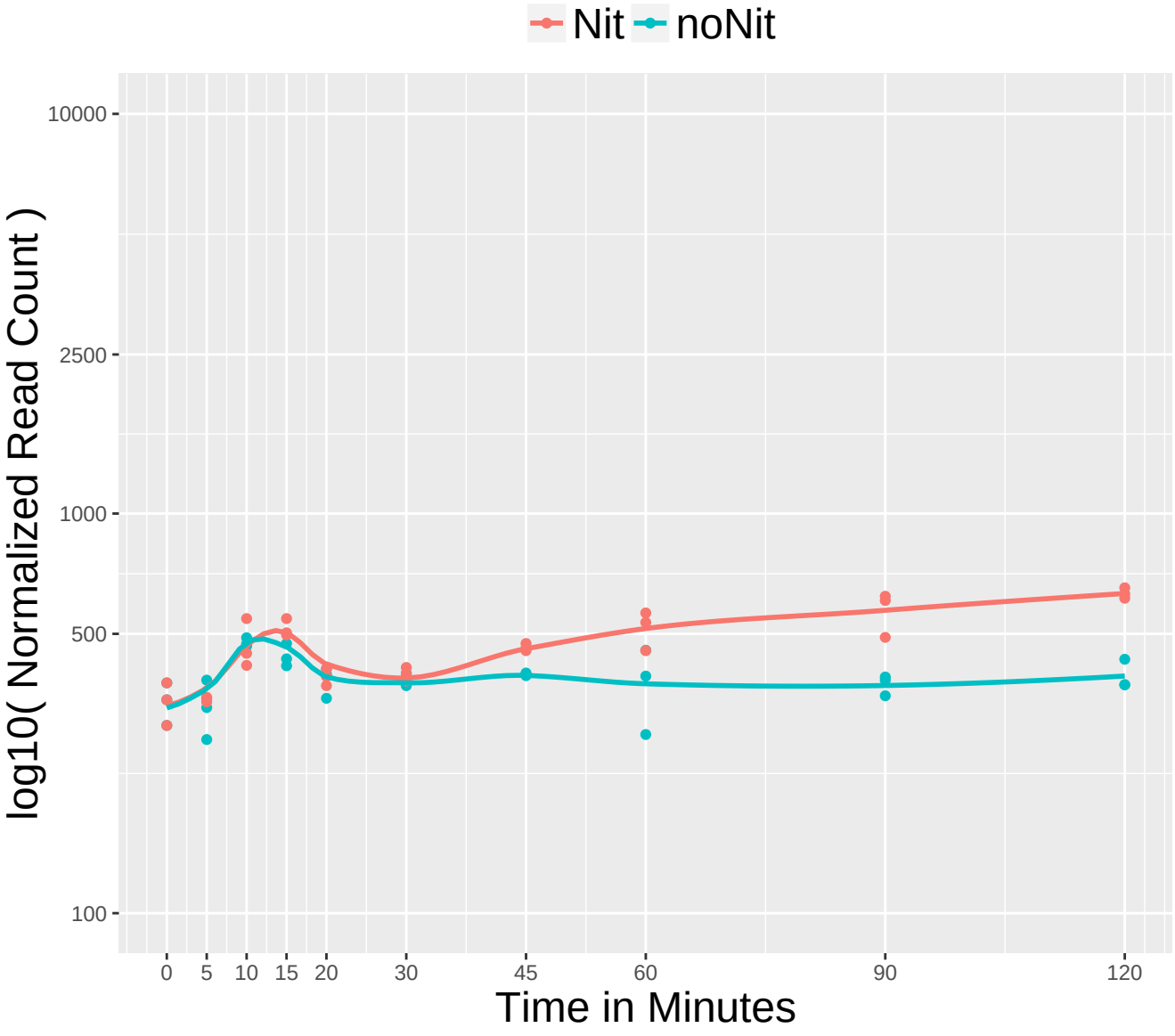
alanine−tRNA



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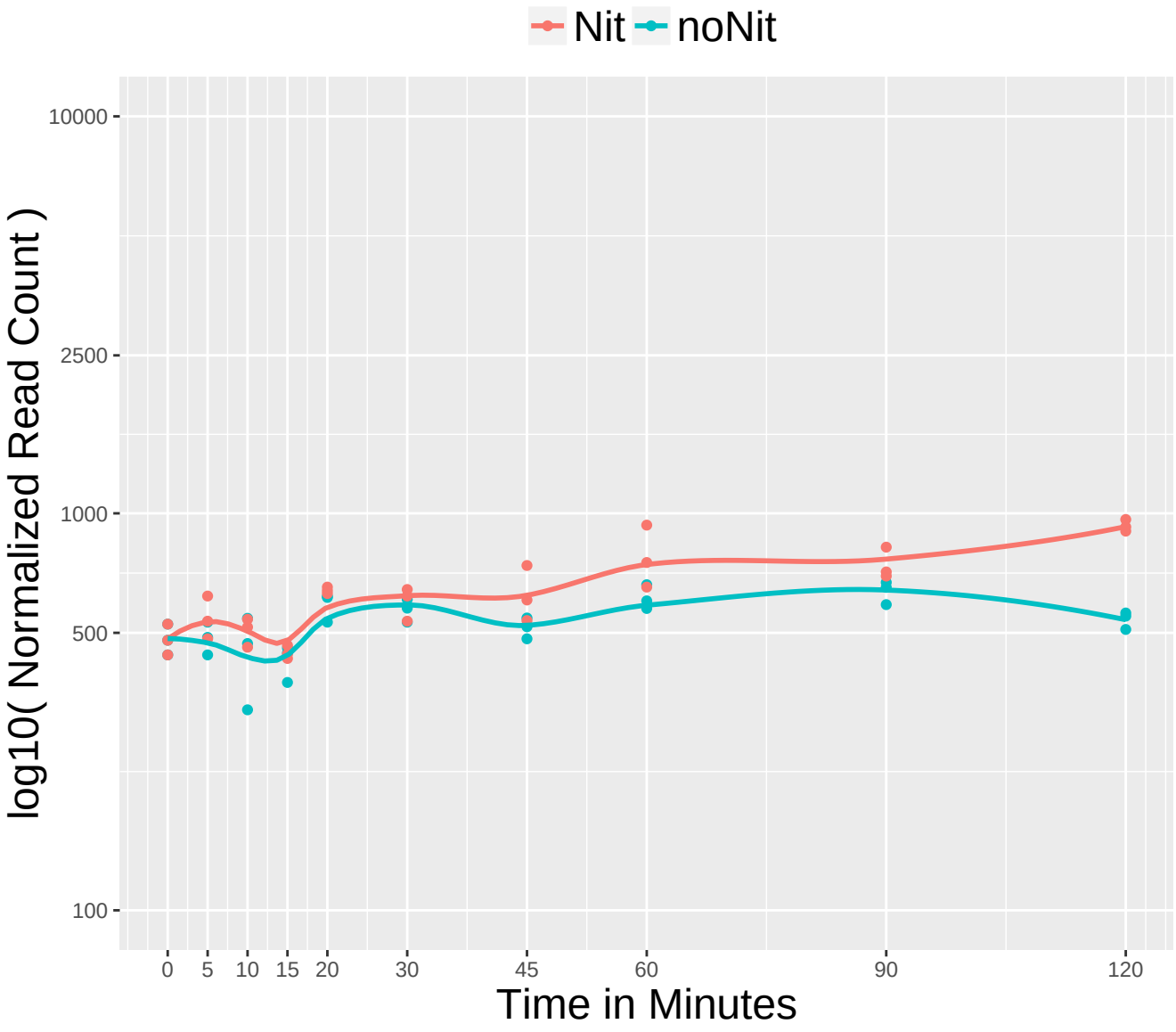
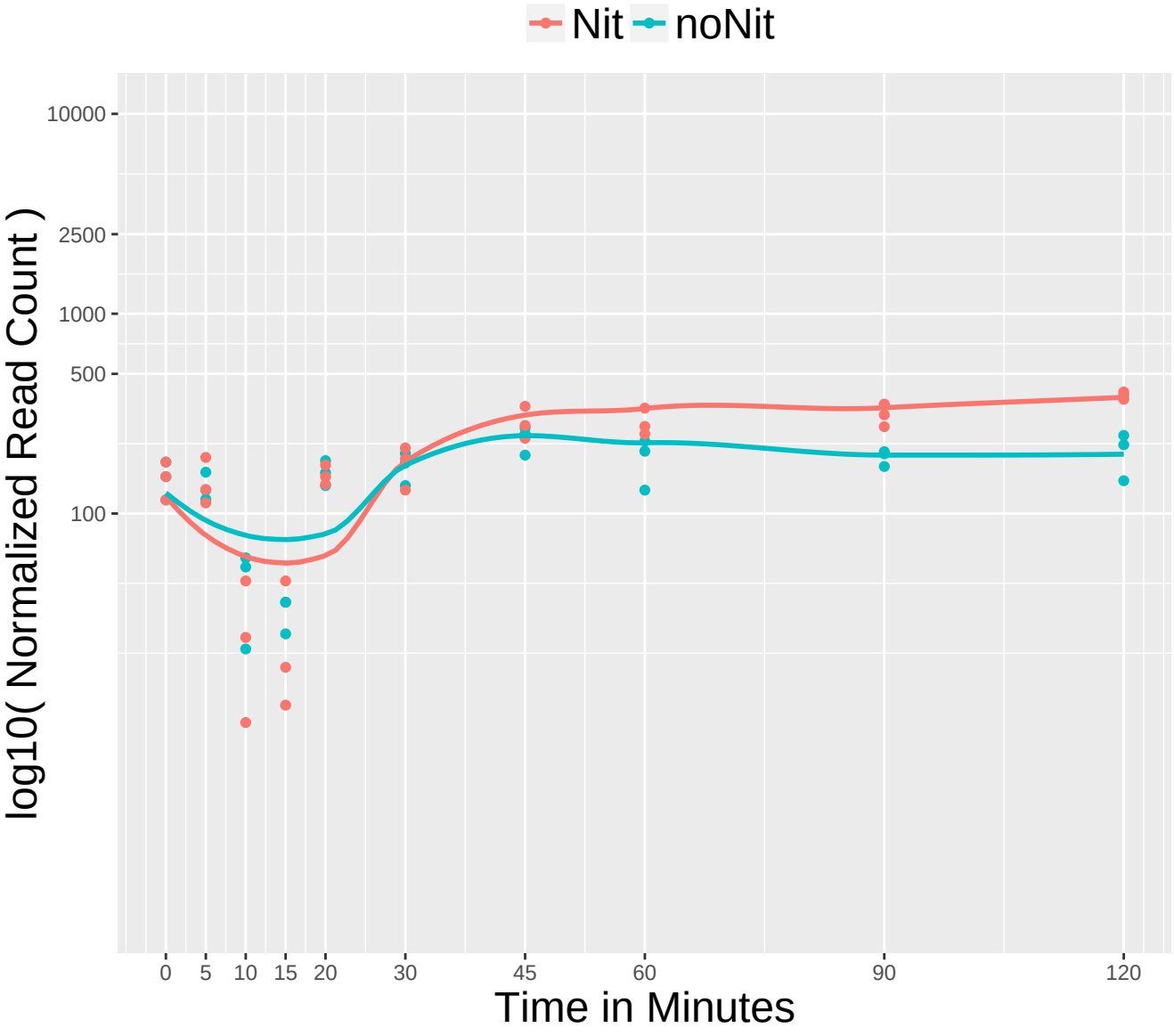
RDM1,RNA−DIRECTED



AT3G44710

Plant



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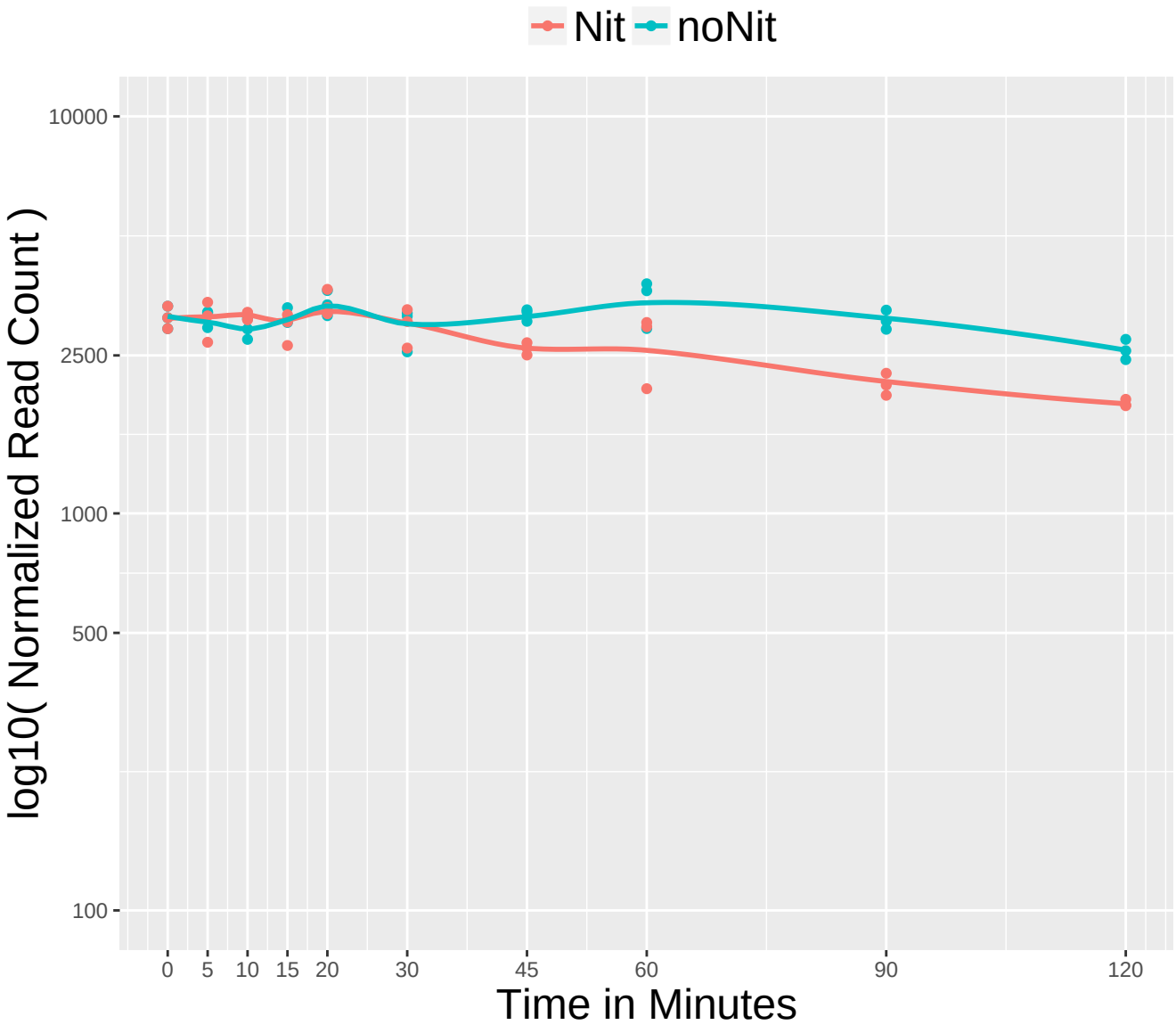
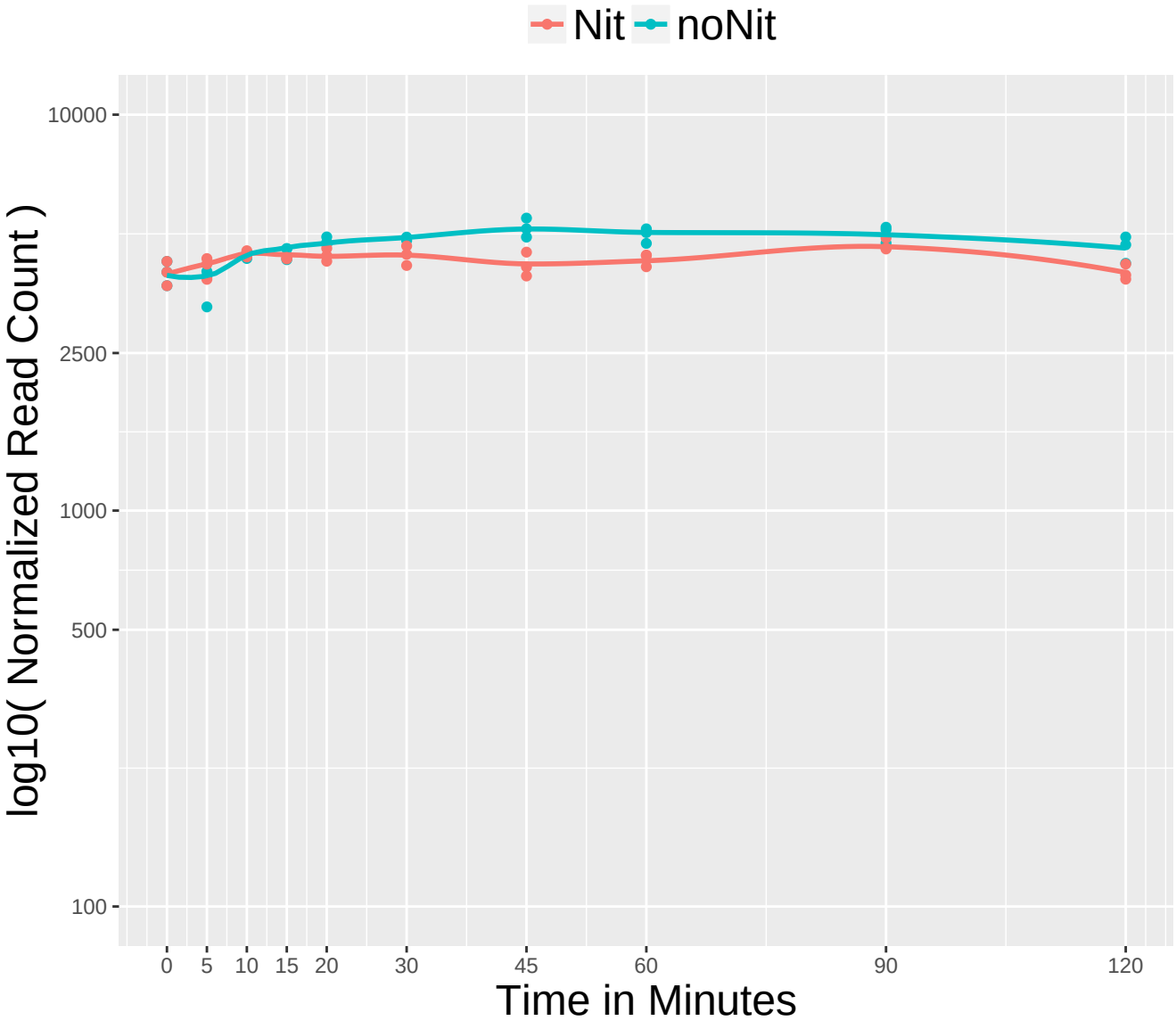
ATWNK5,,WNK5,with



AT5G04410

anac078,Arabidopsis



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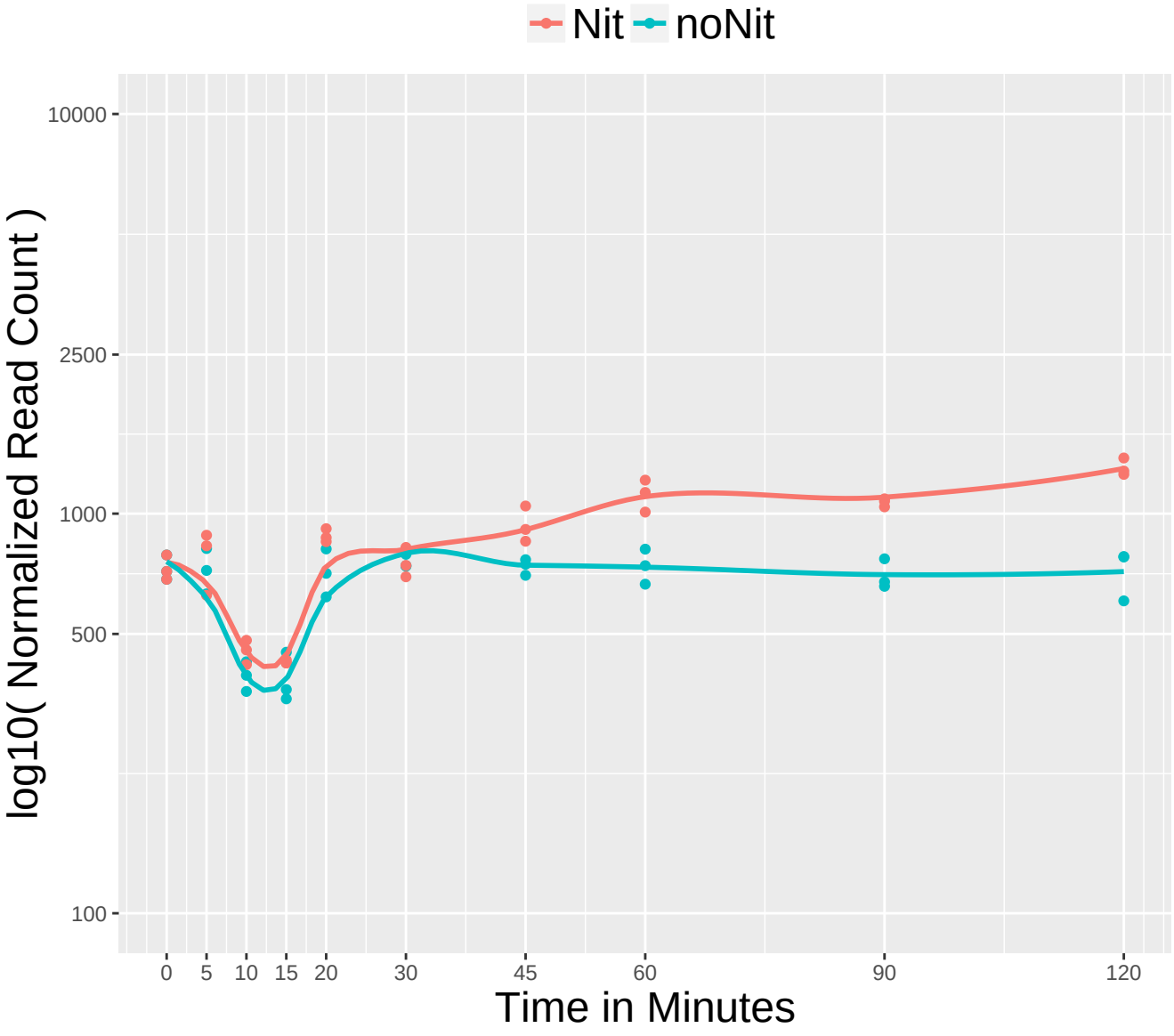
RNA



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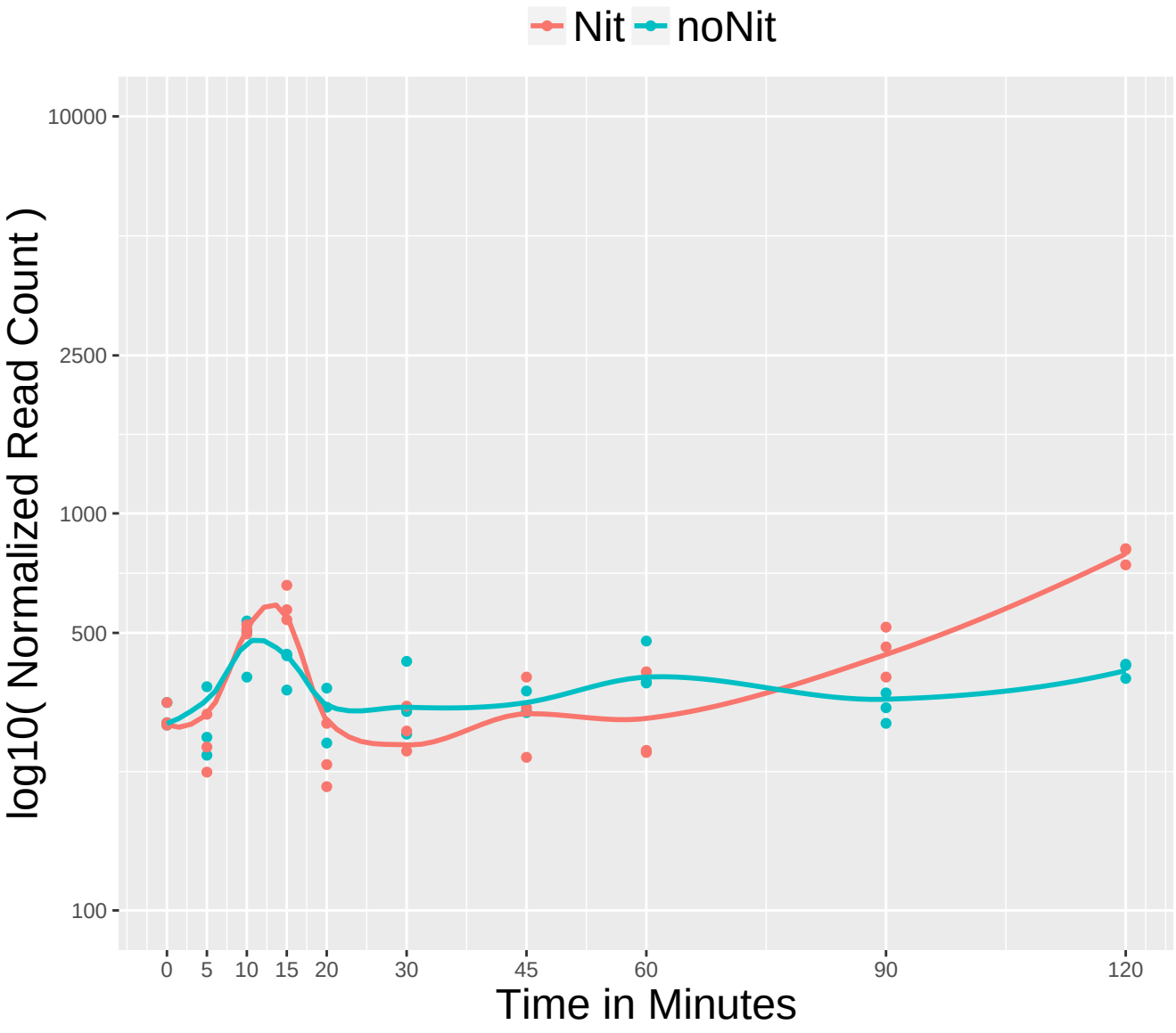
EMB1030,EMBRYO



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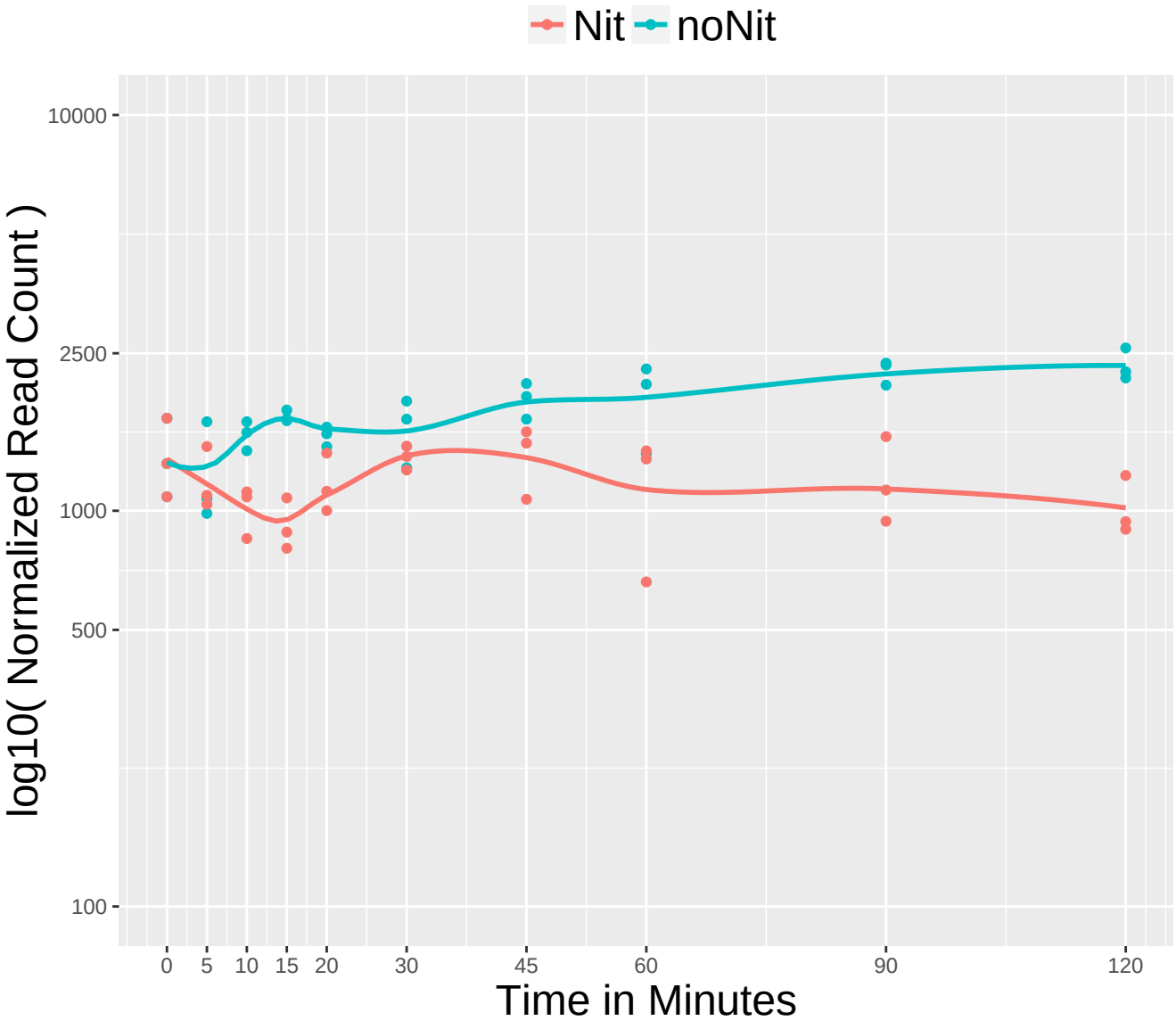
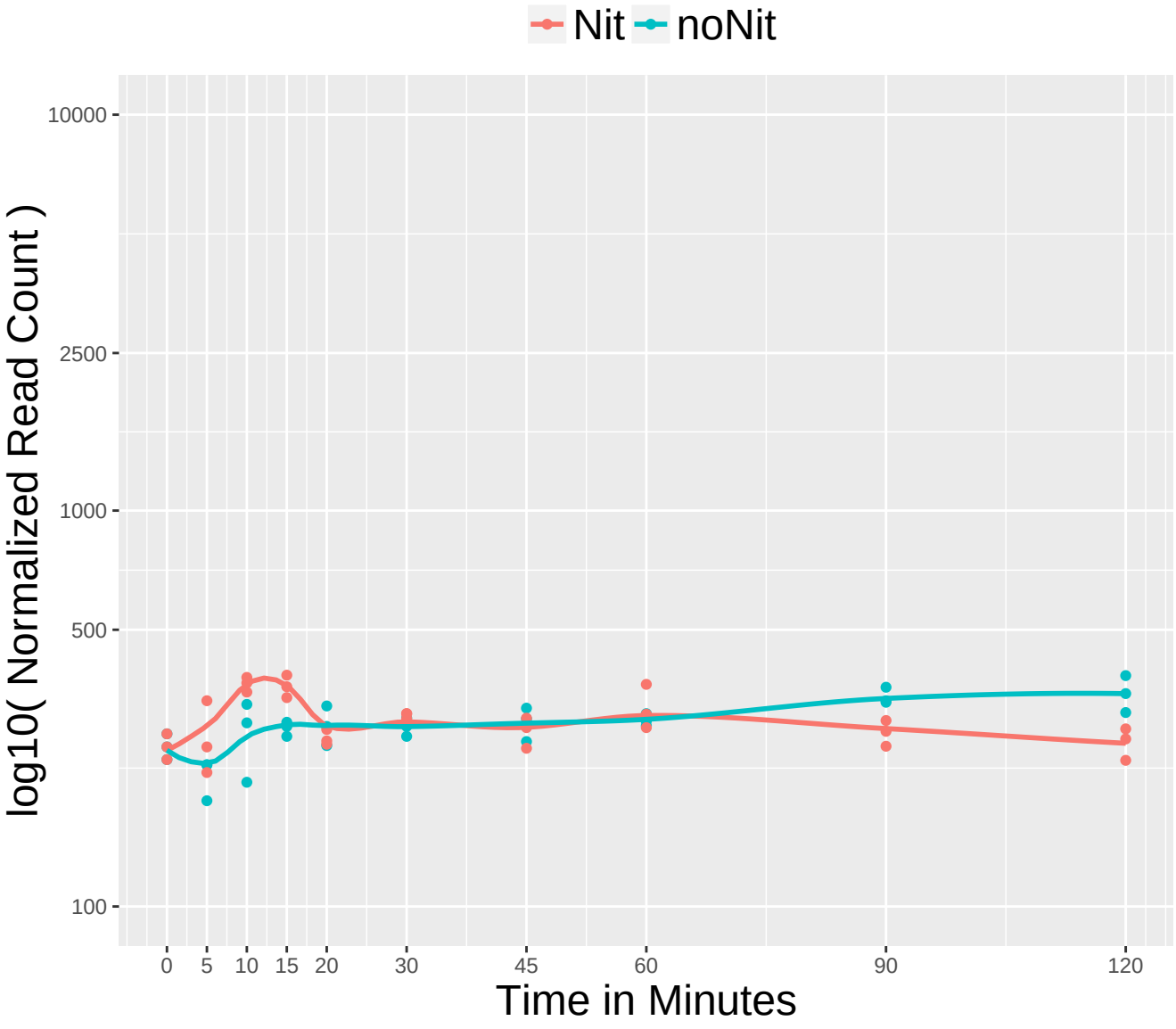
Myosin



AT5G44650

AtCEST,Arabidopsis



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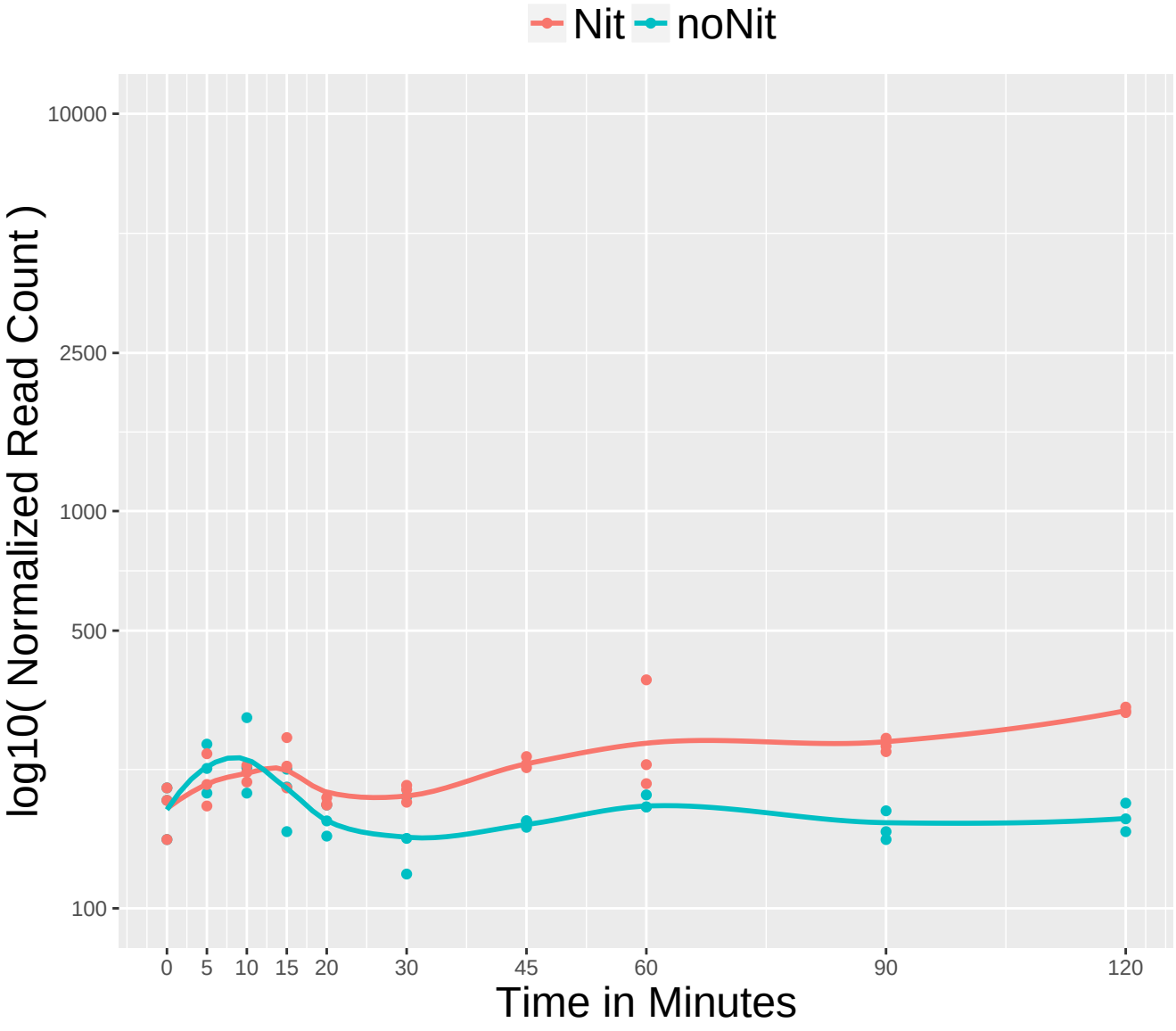

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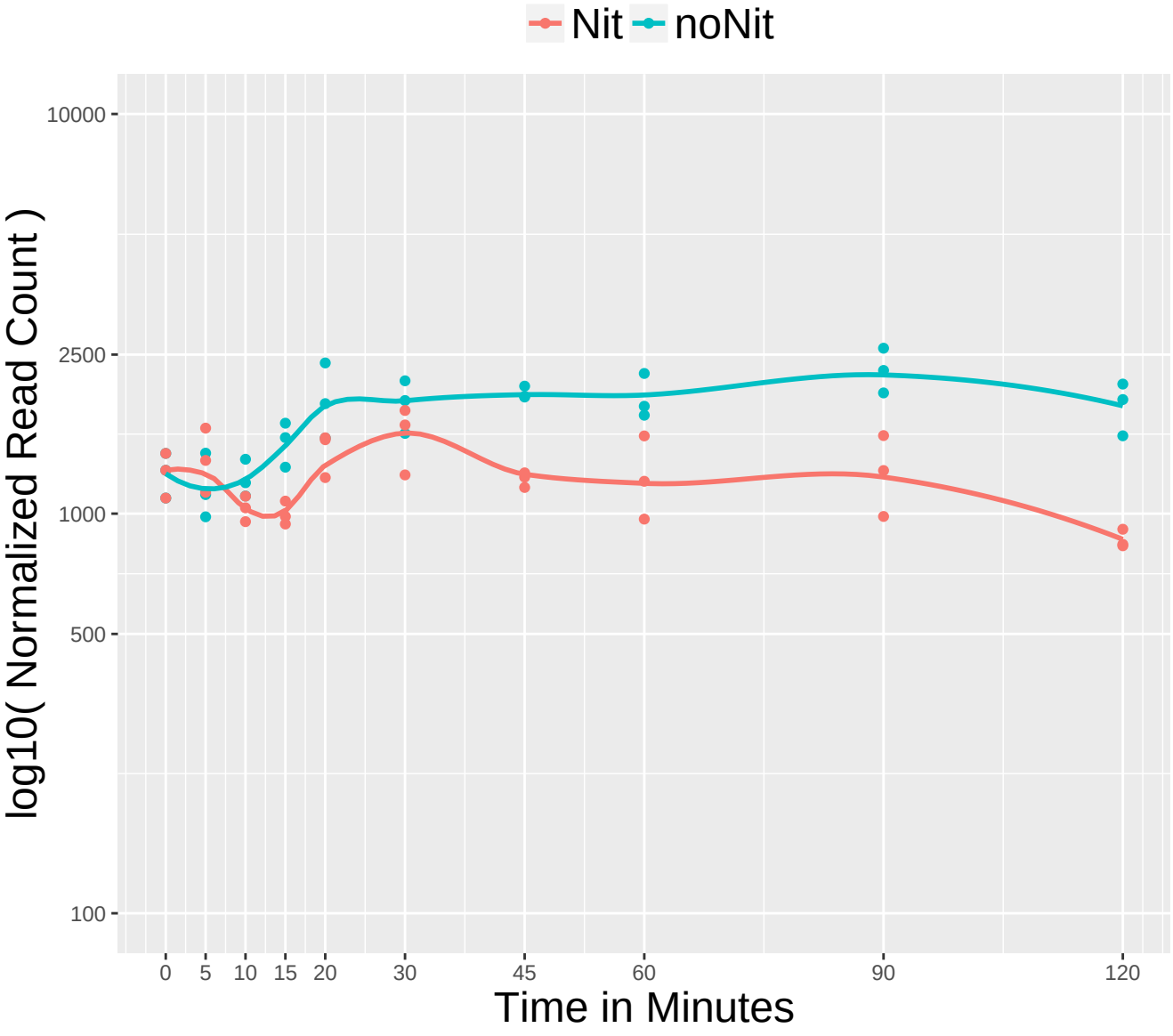
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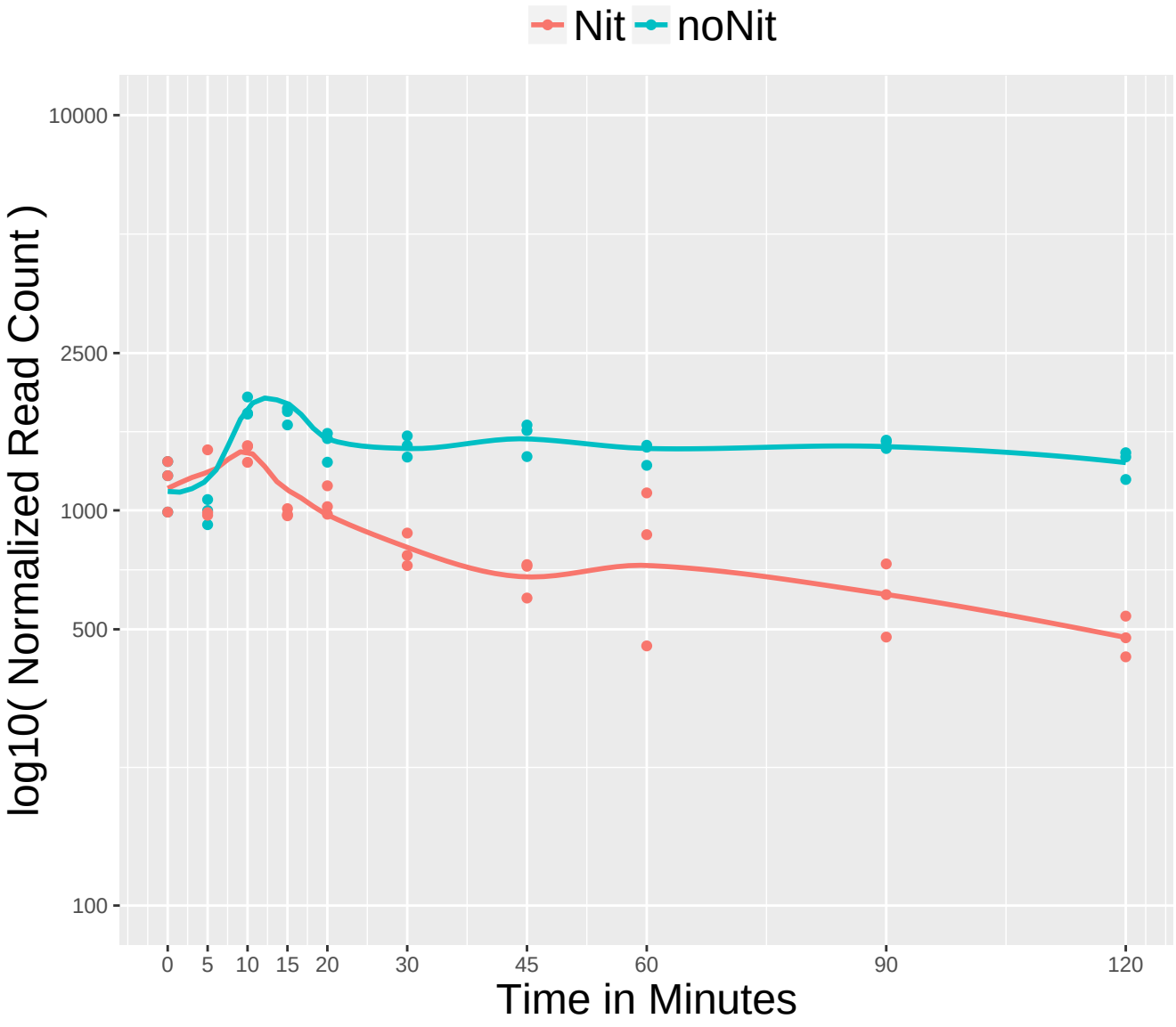
AT5G62220

ATGT18,glycosyltransferase



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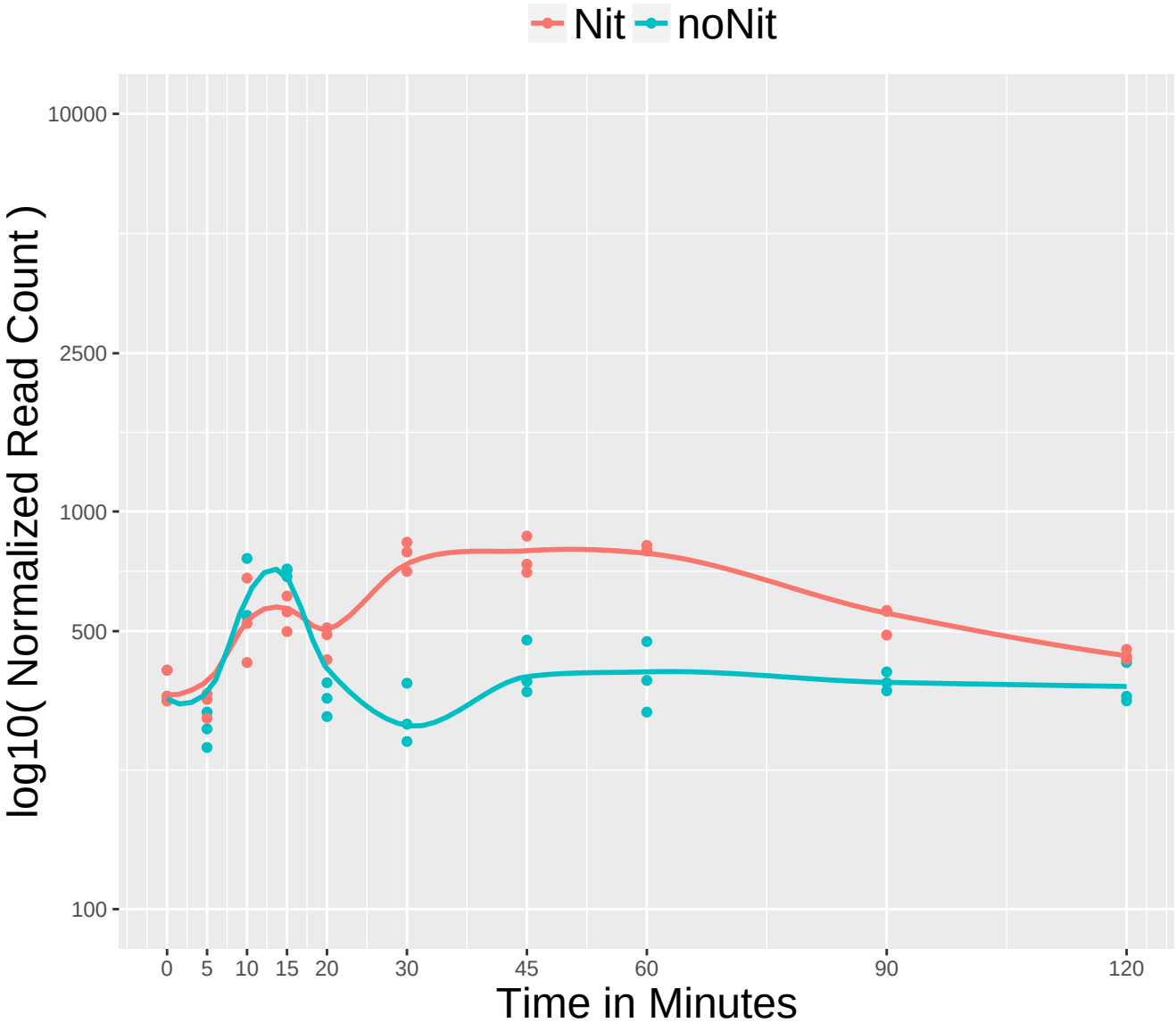

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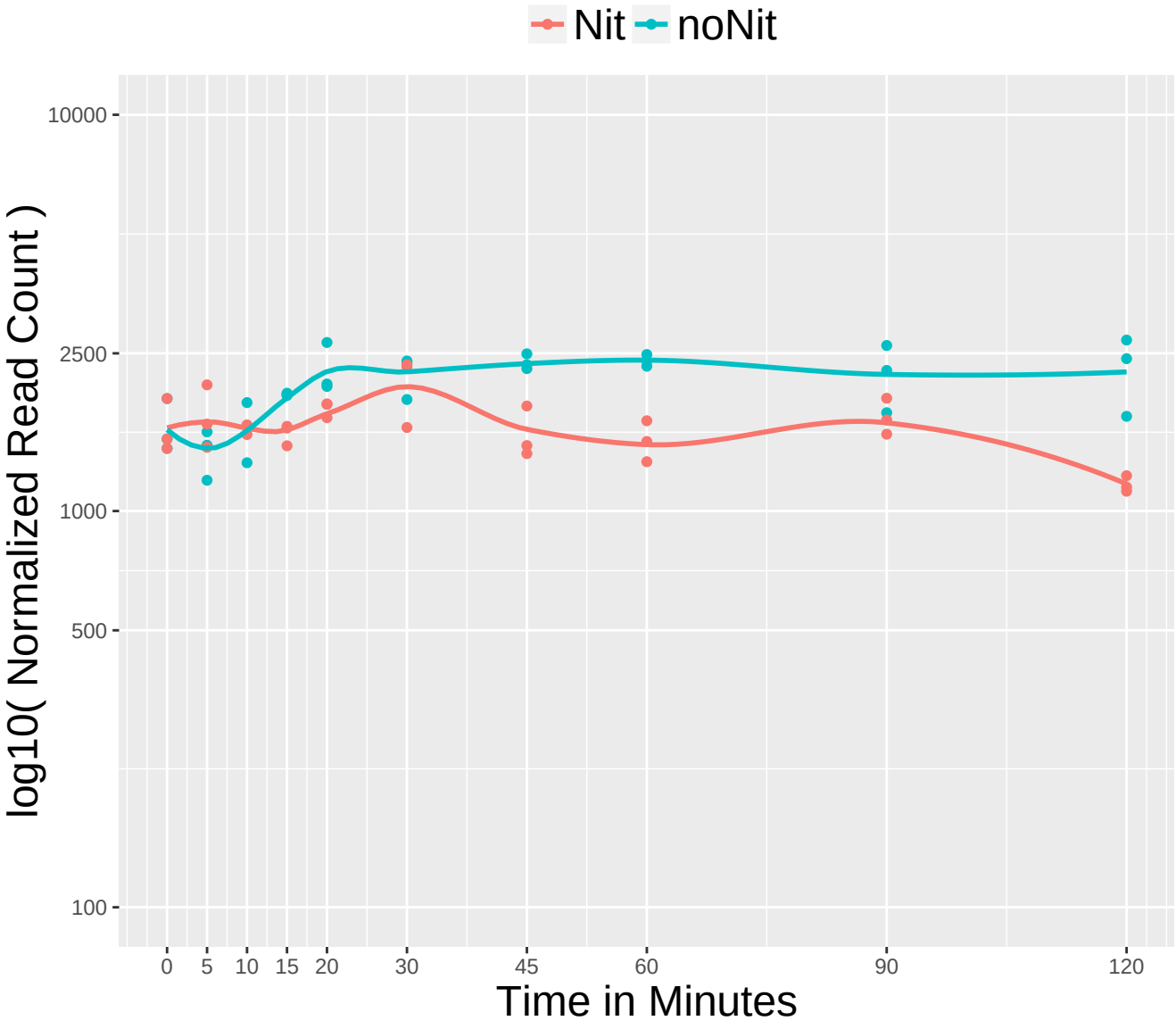
ATCDPK1,calcium−dependent



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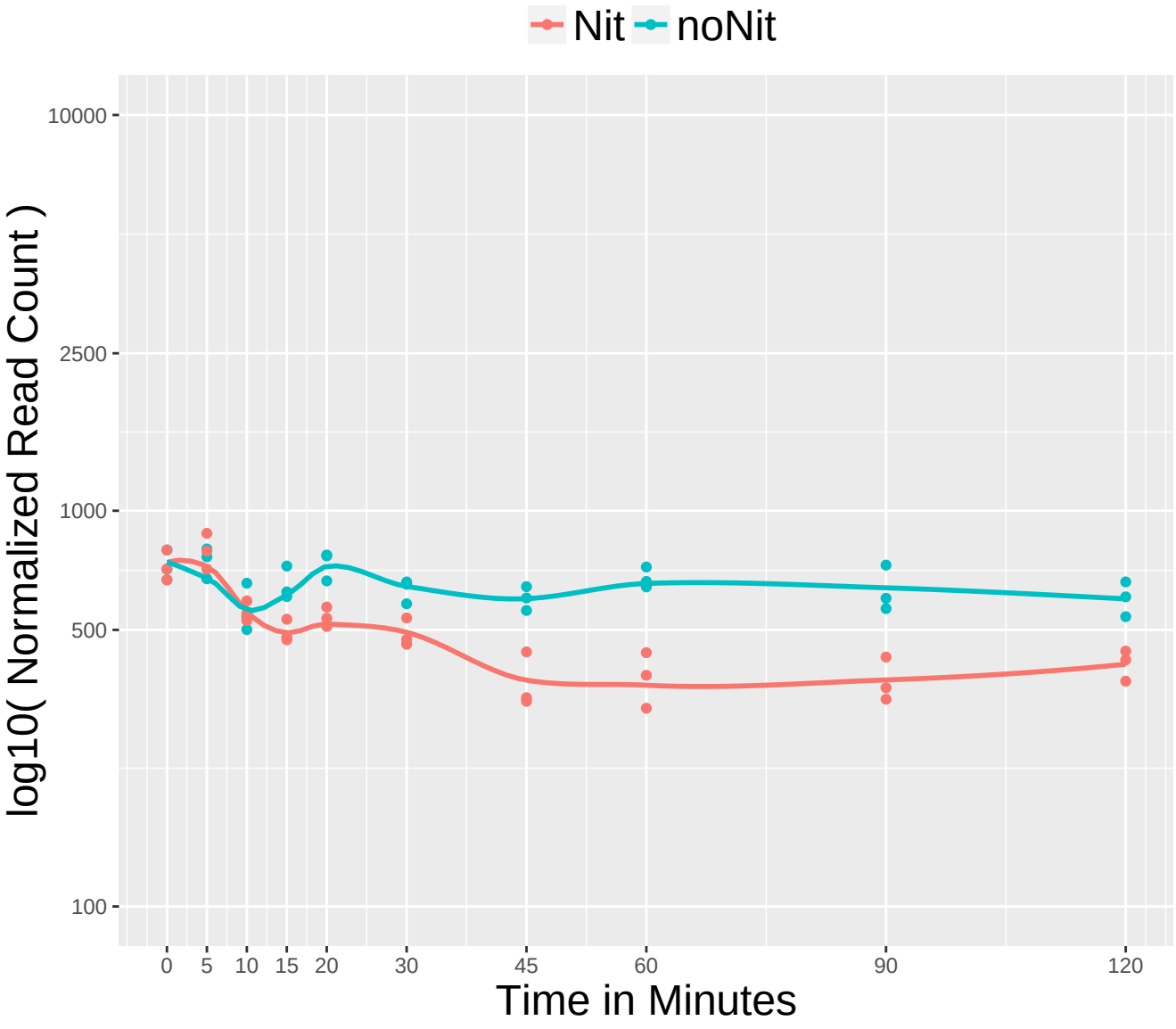
emb2170,embryo



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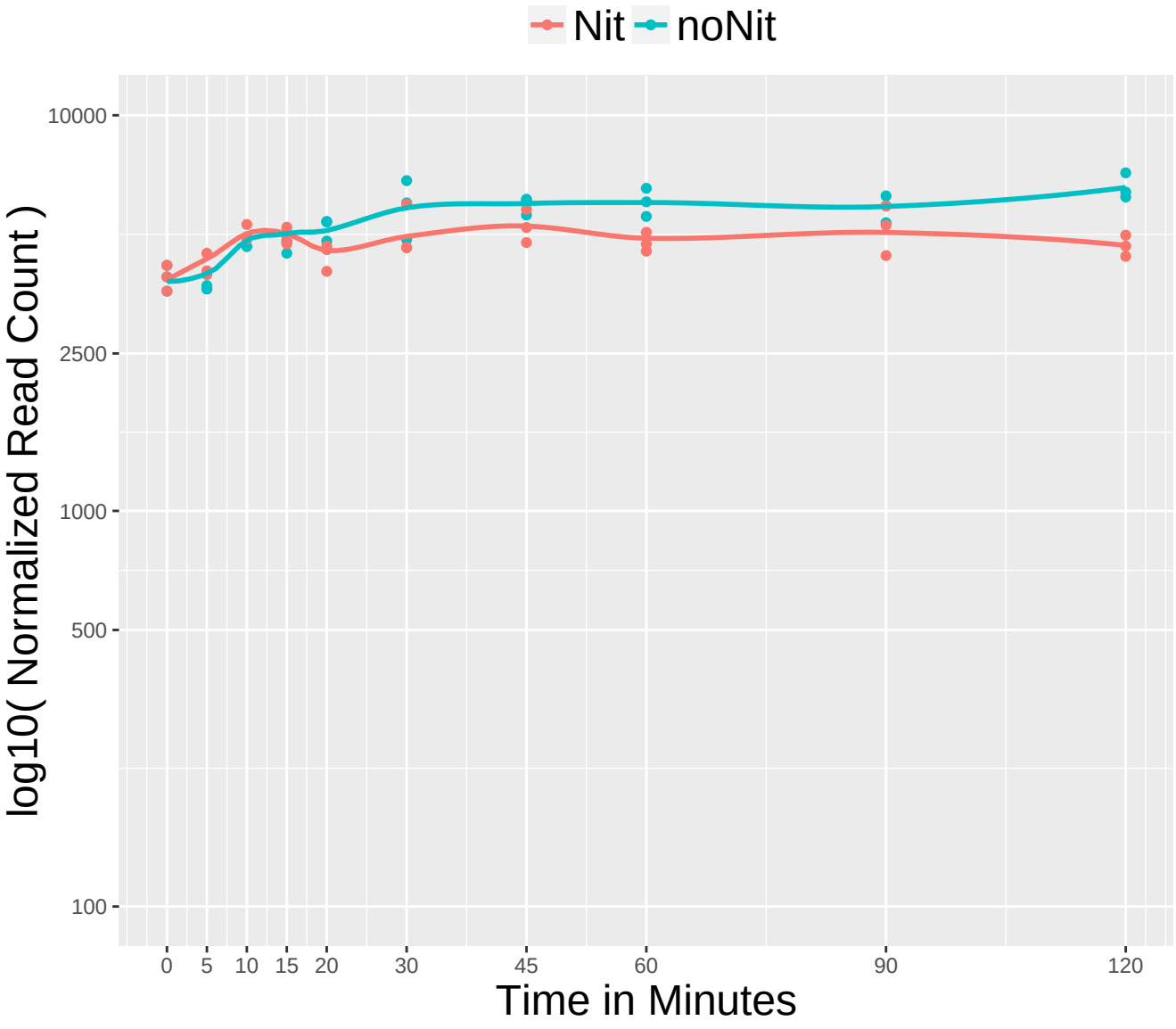
PGM3,phosphoglucomutase



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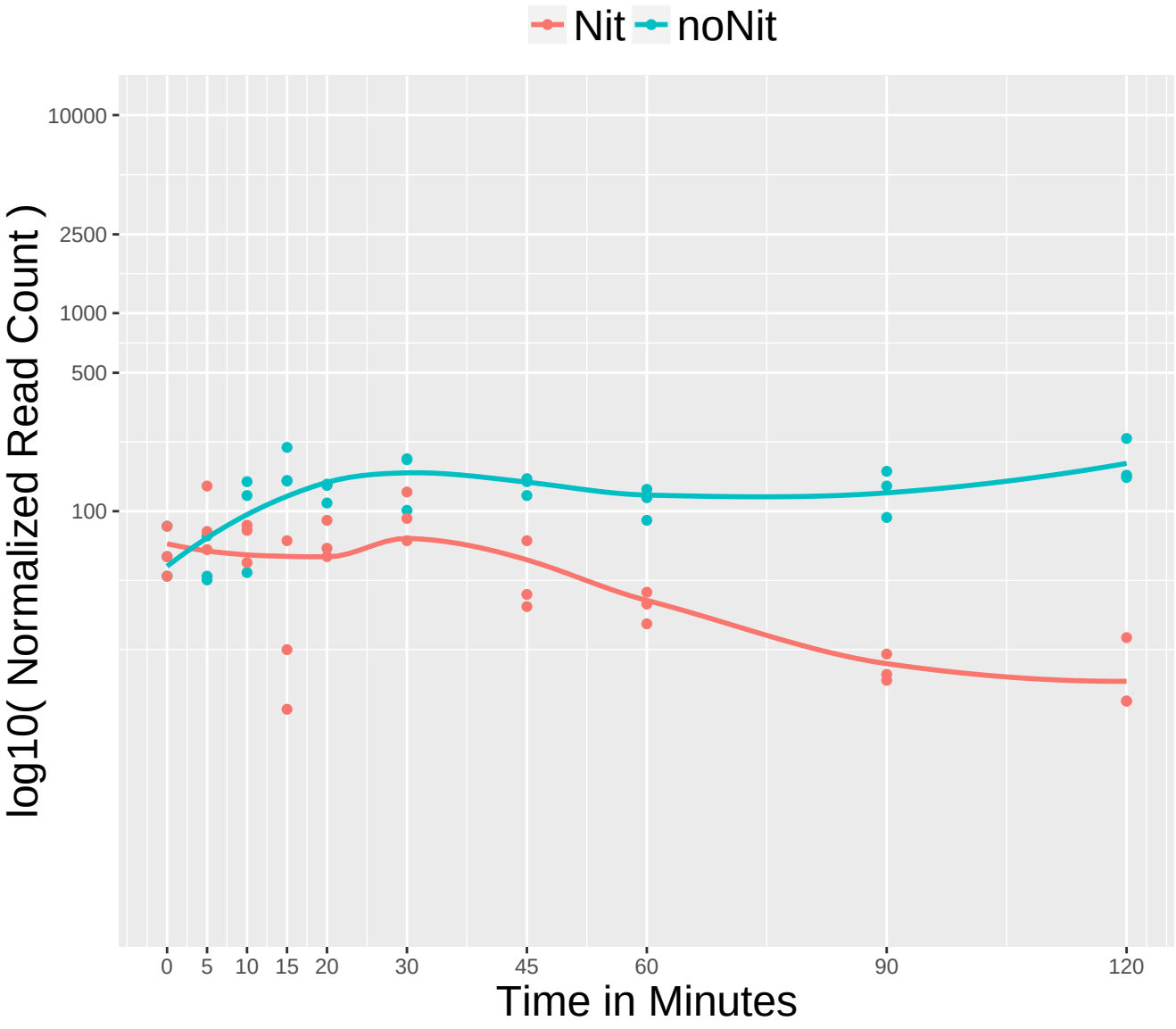
Glycosyltransferase



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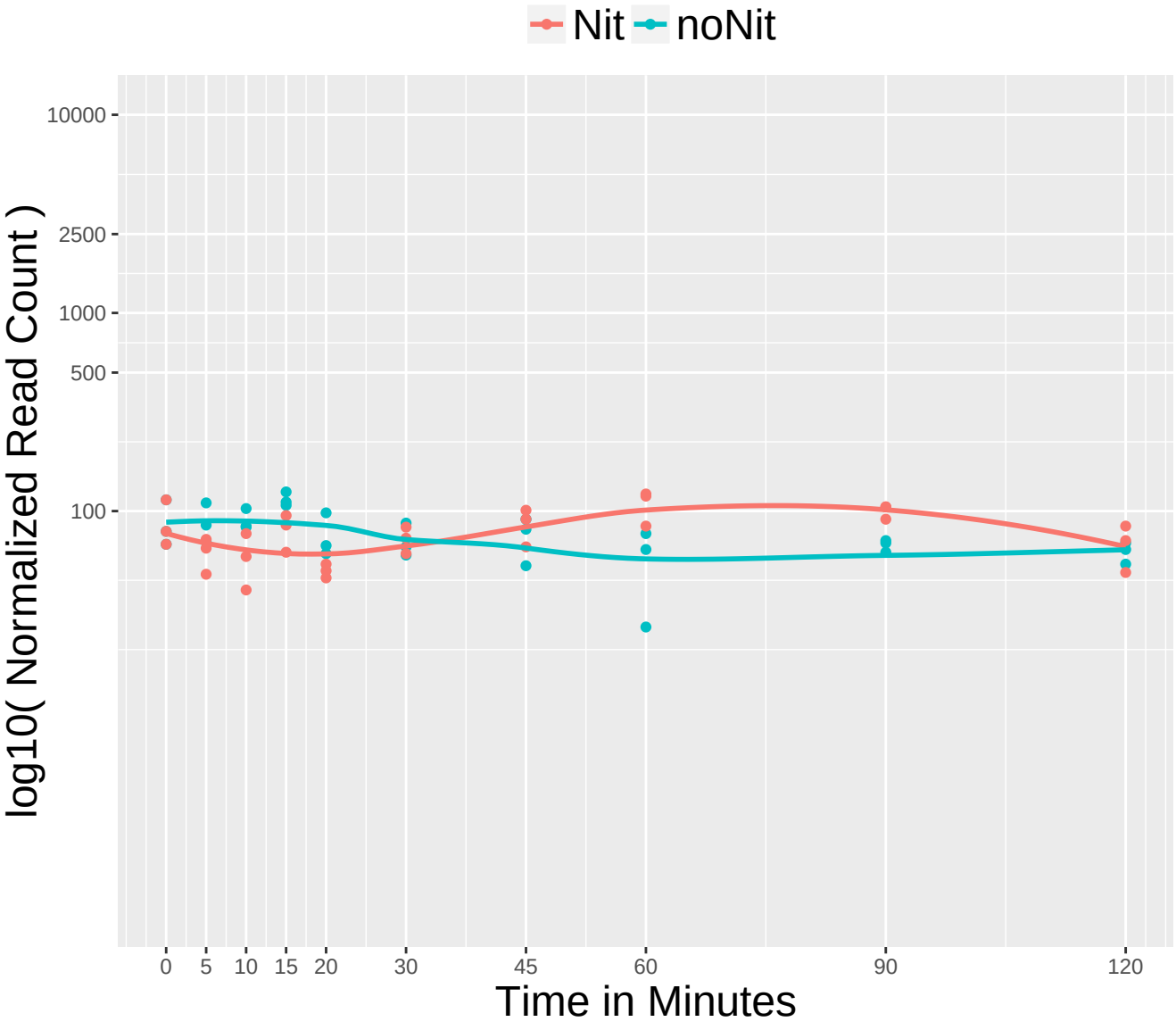
ANAC037,Arabidopsis



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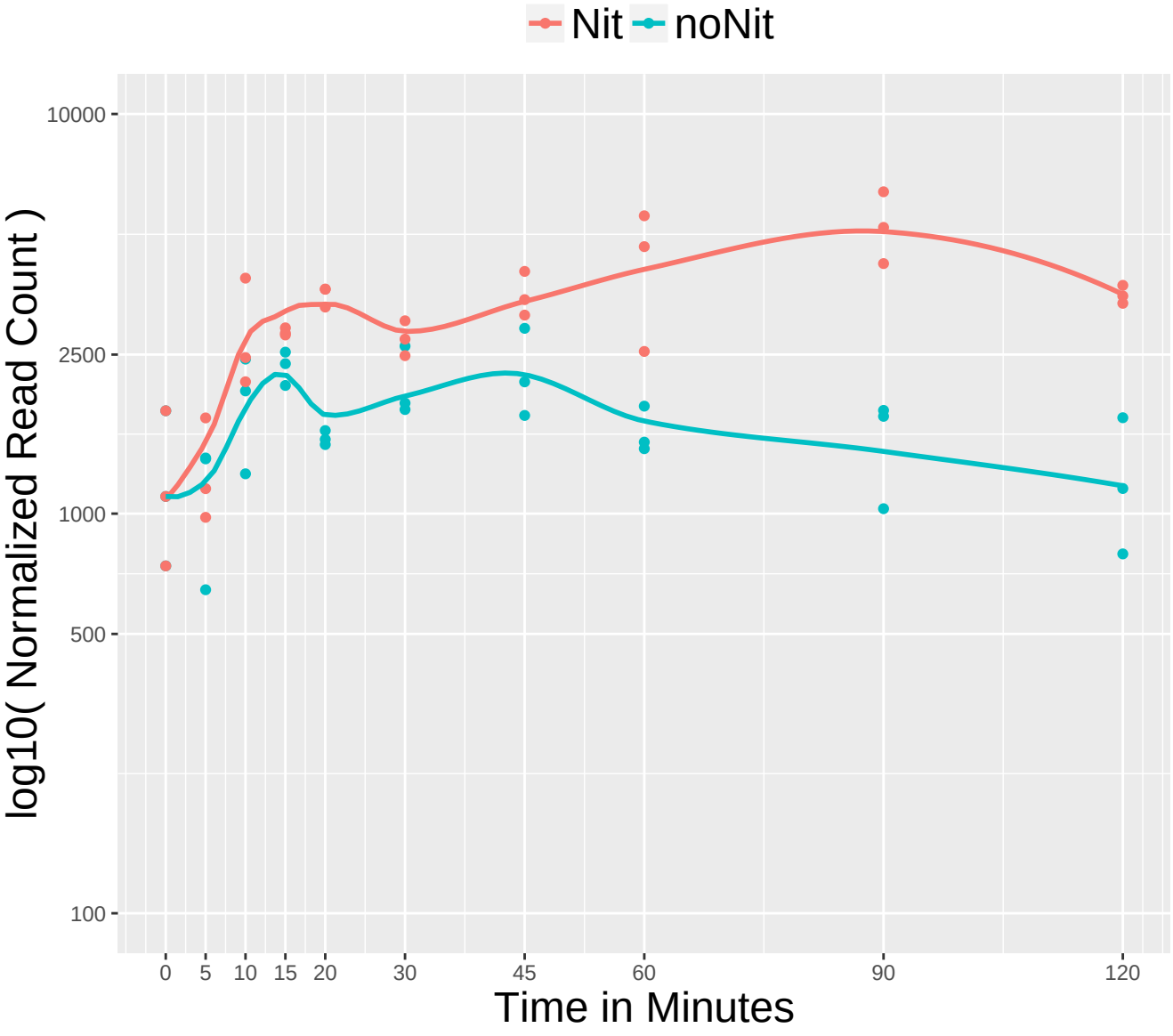
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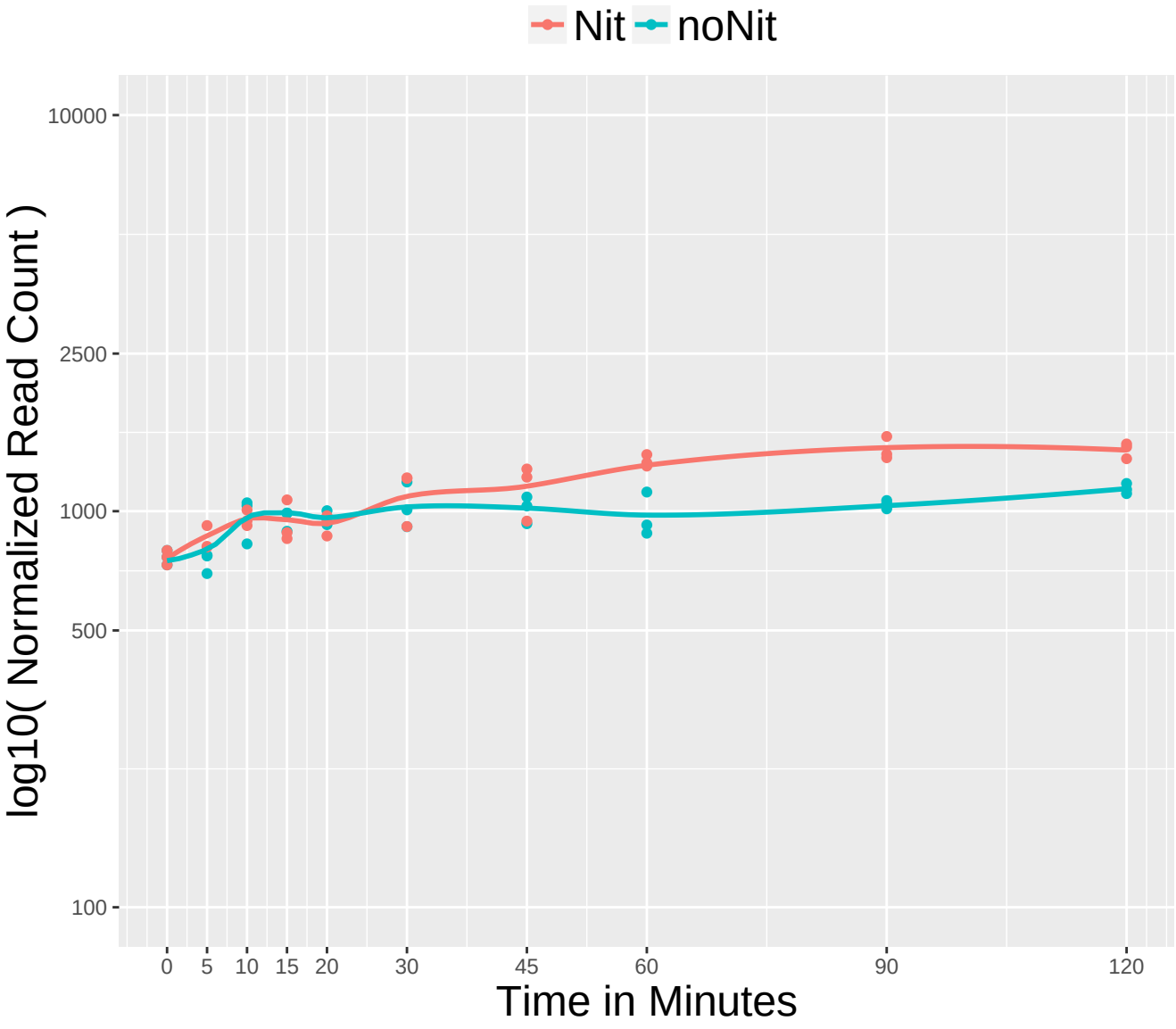
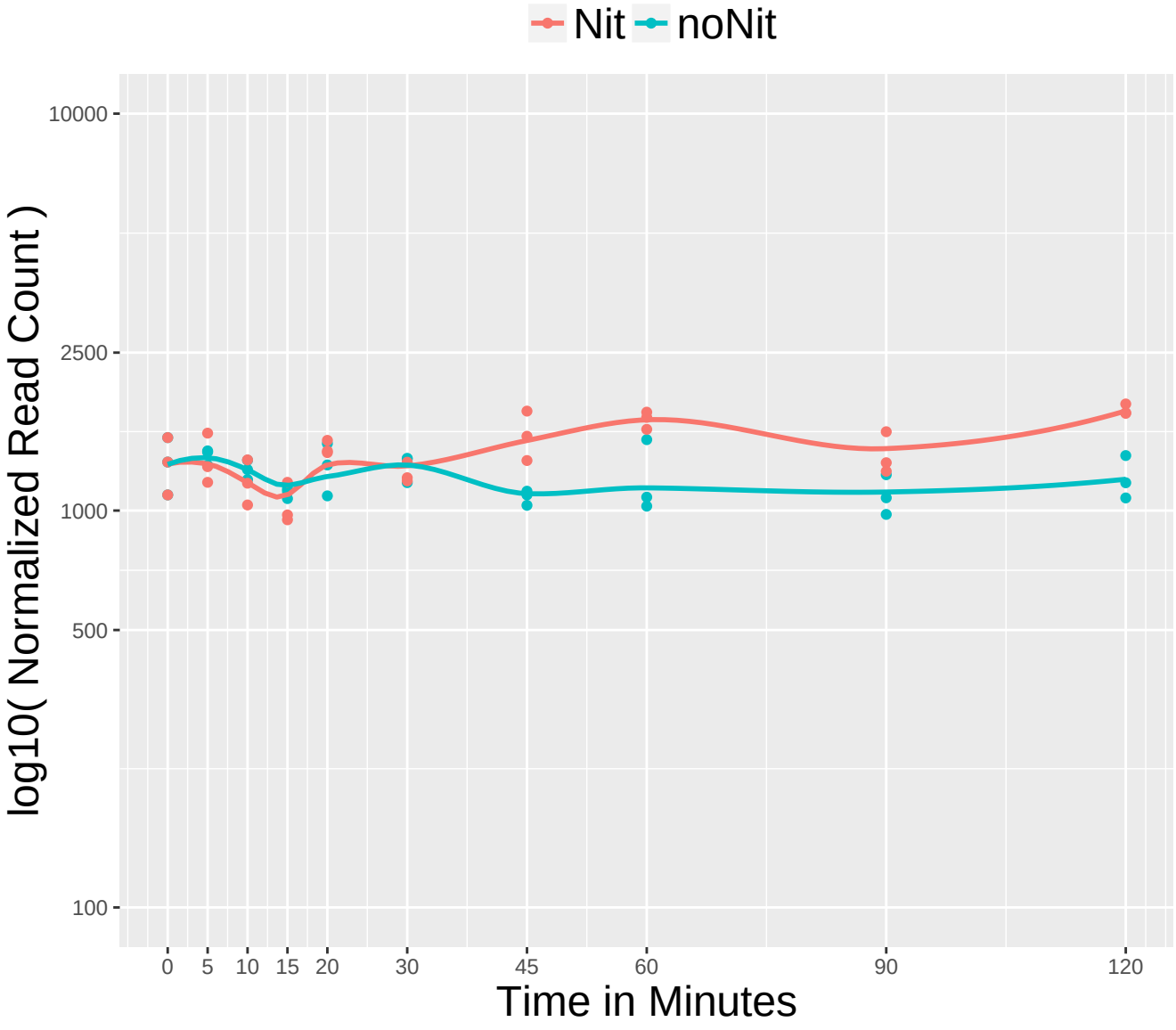
AT3G21140

Pyridoxamine



AT3G22300

RPS10,ribosomal



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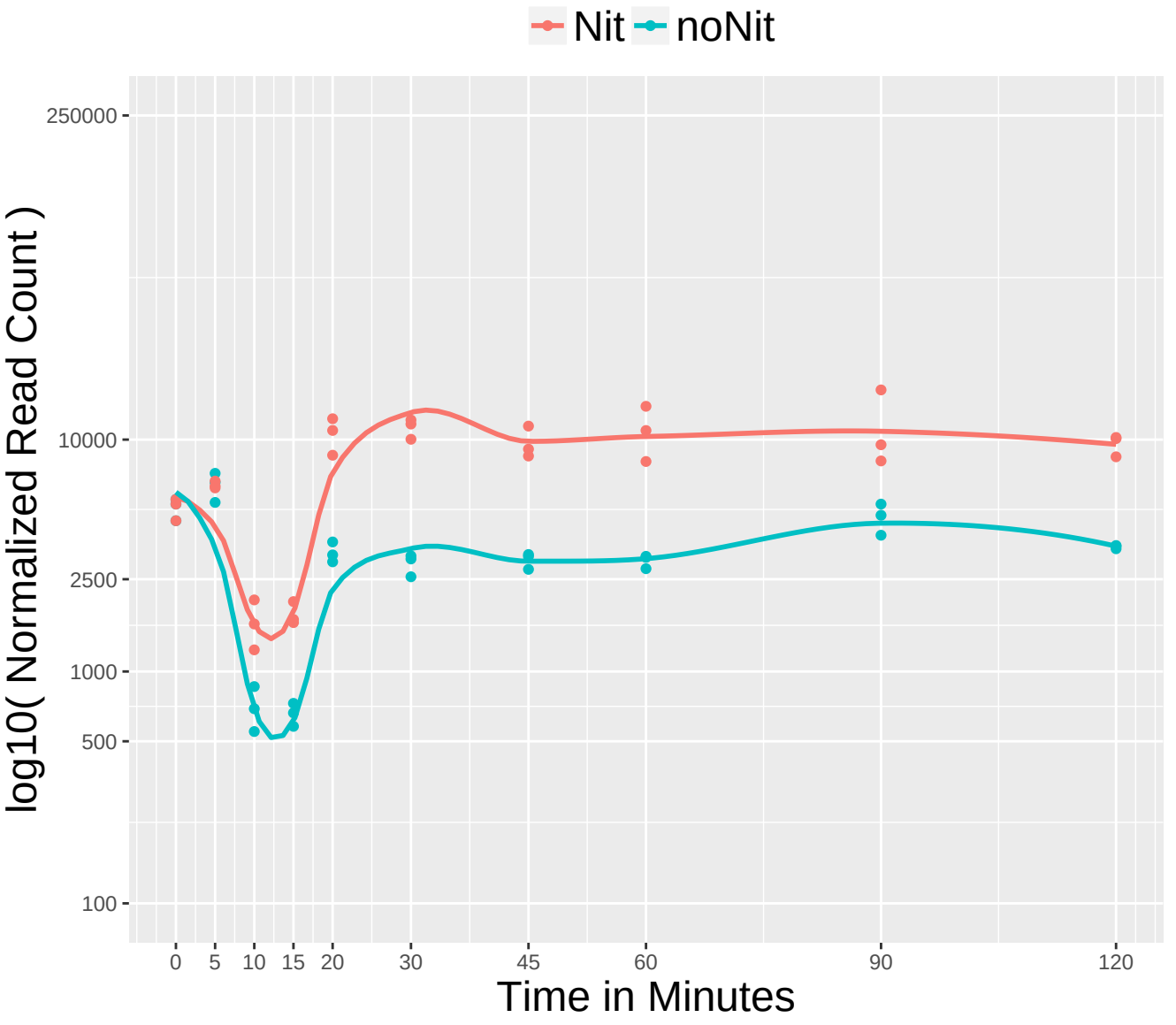
IAA2,indole−3−acetic



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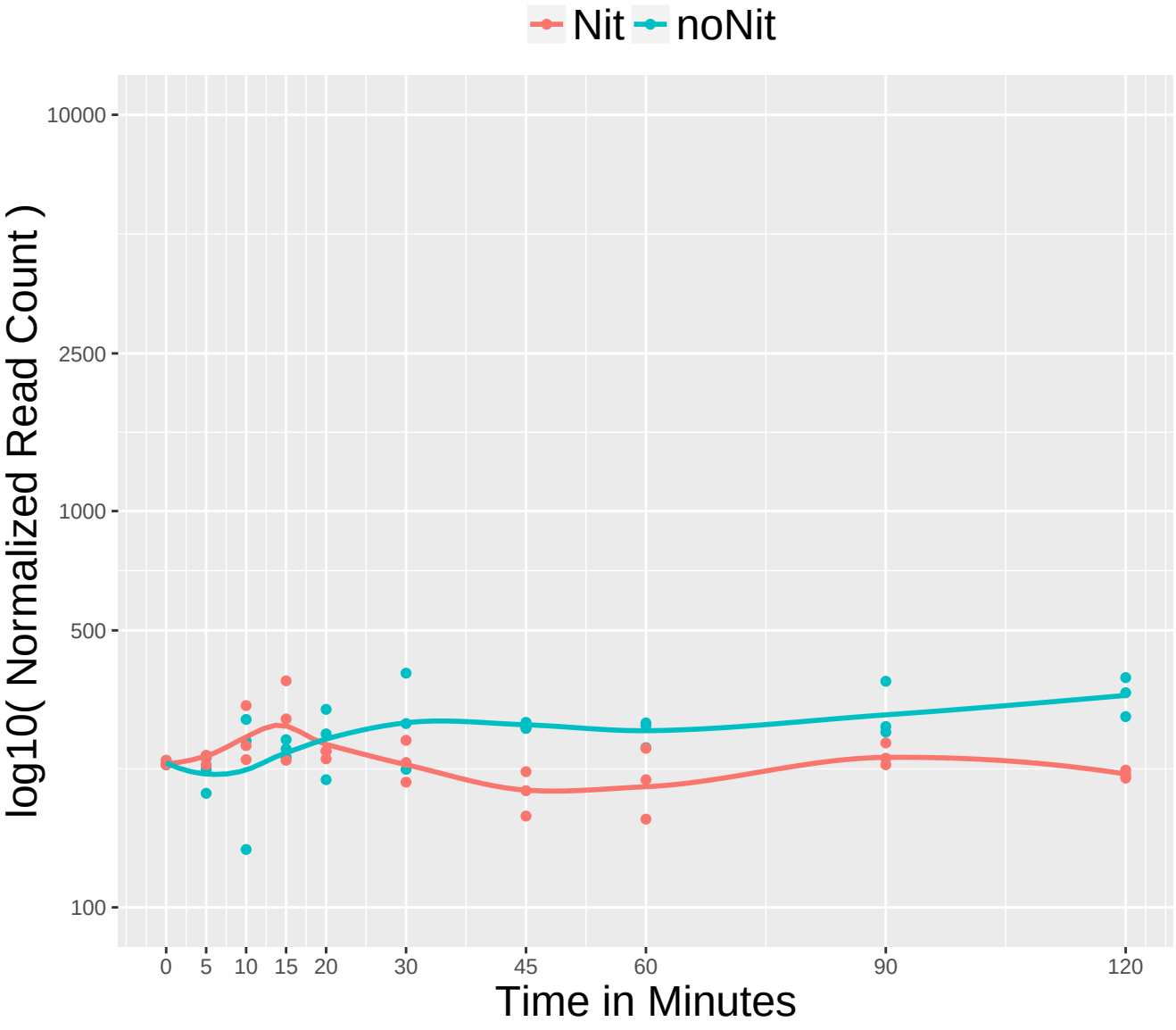
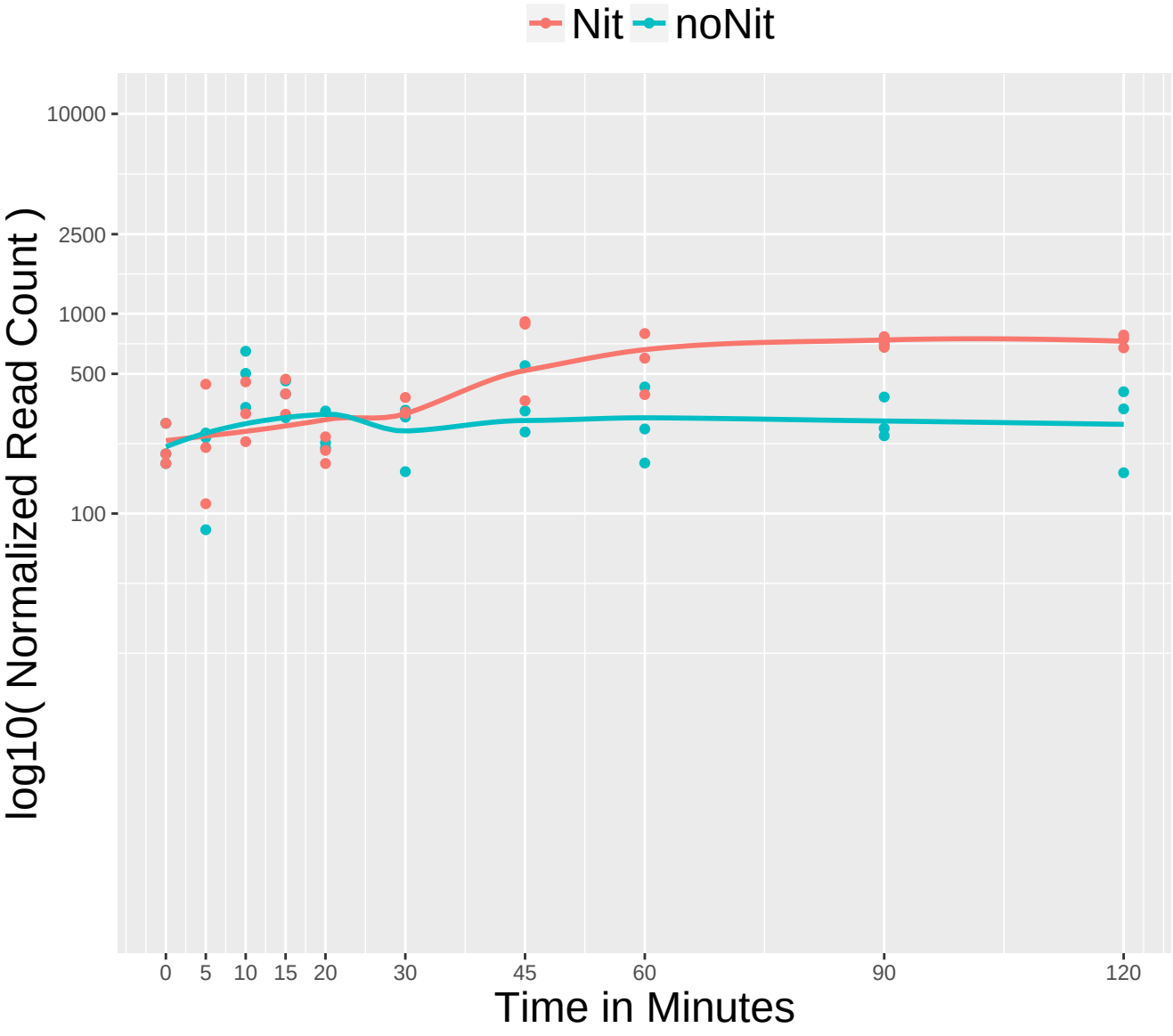
Pentatricopeptide



AT3G50200

Plant



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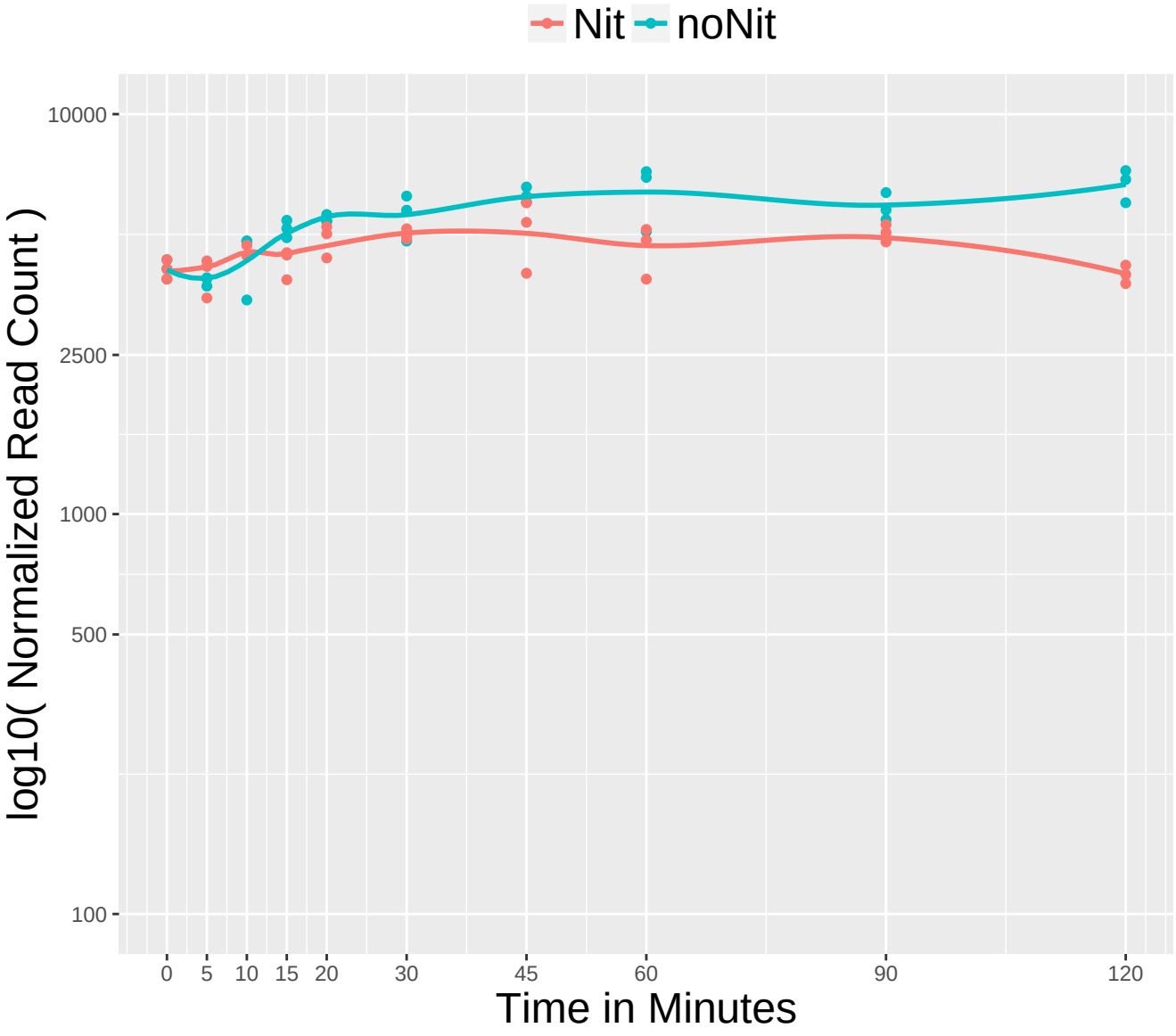
Transducin/WD40



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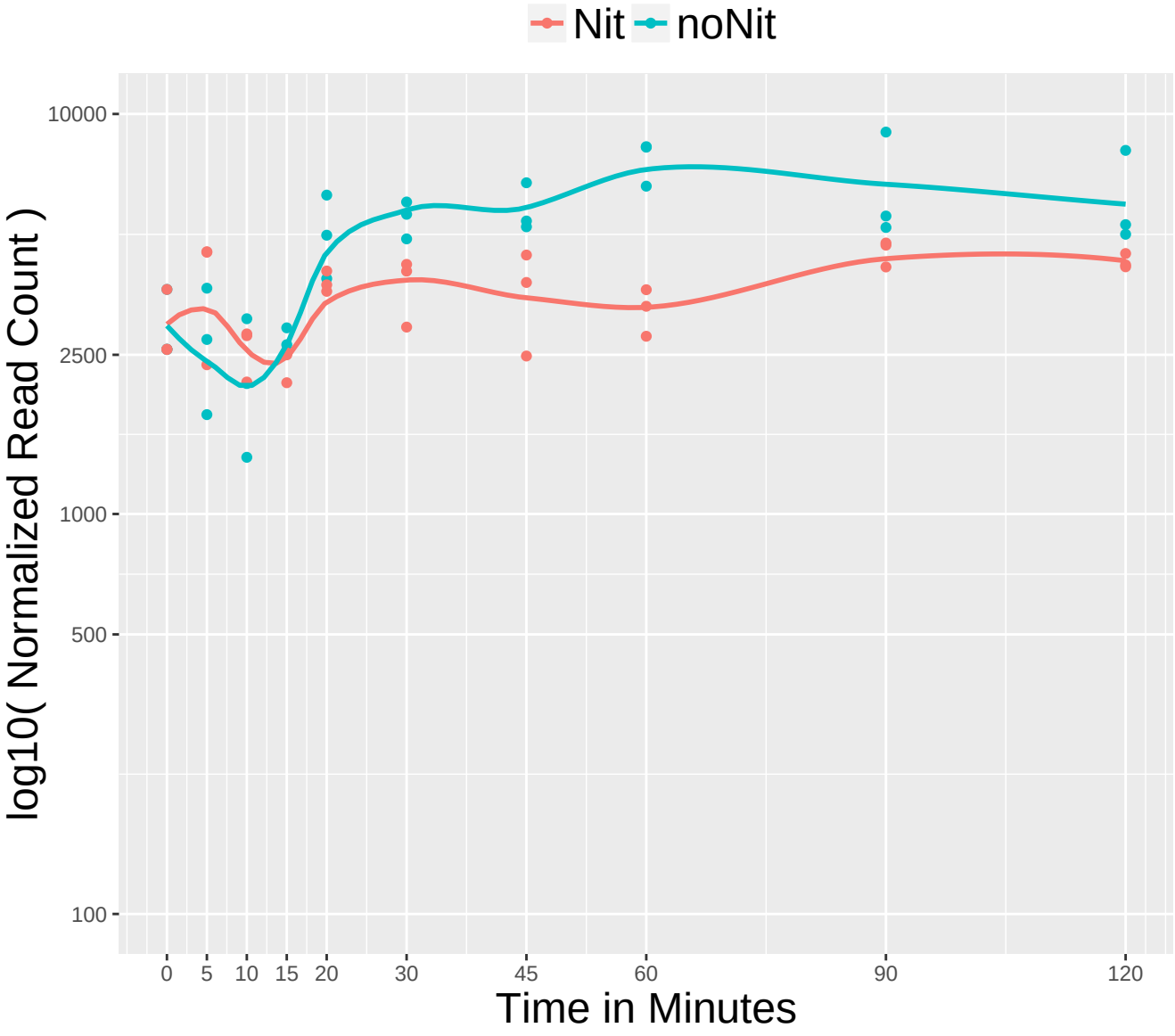
Leucine−rich



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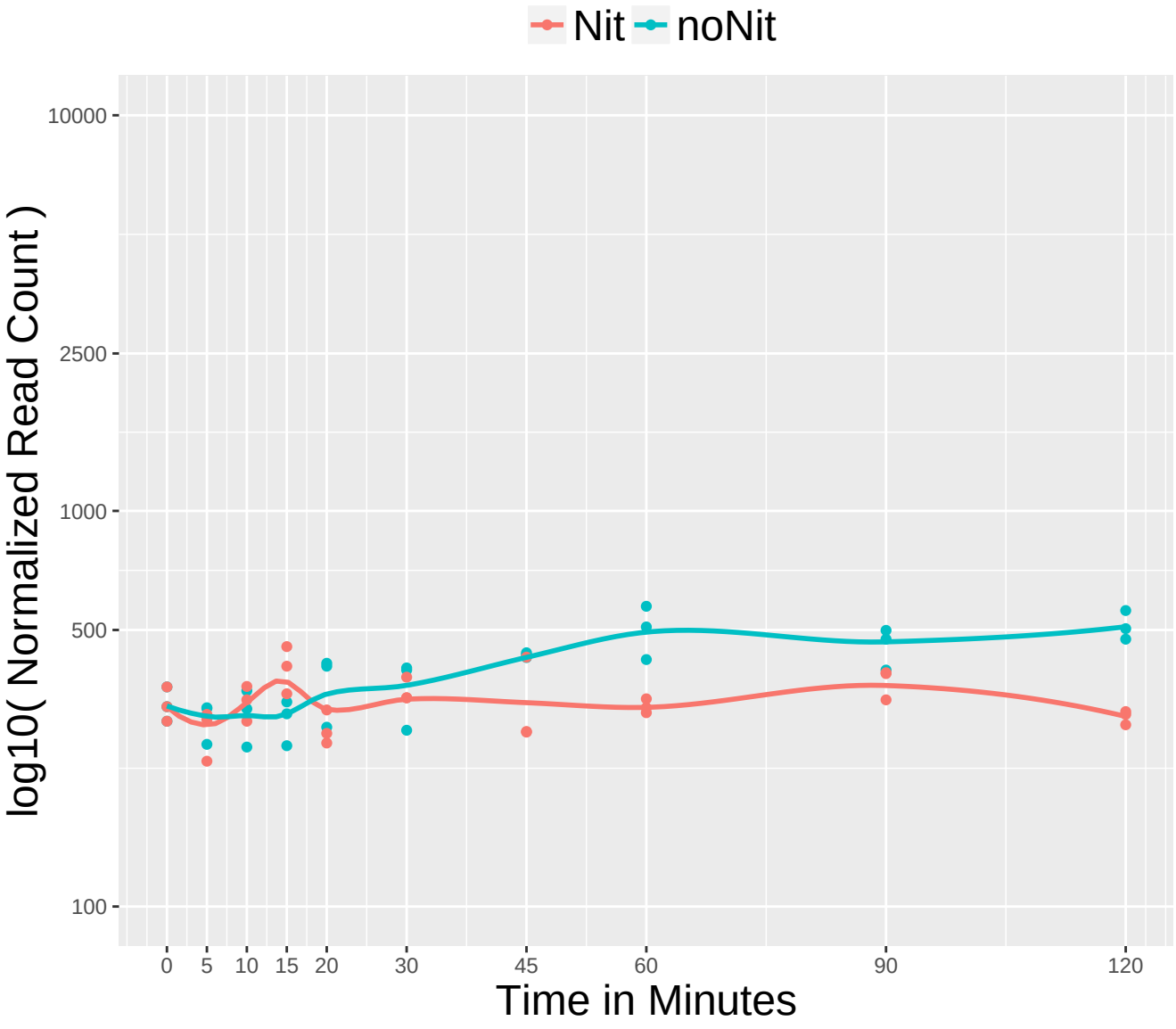
AAE15,acyl−activating



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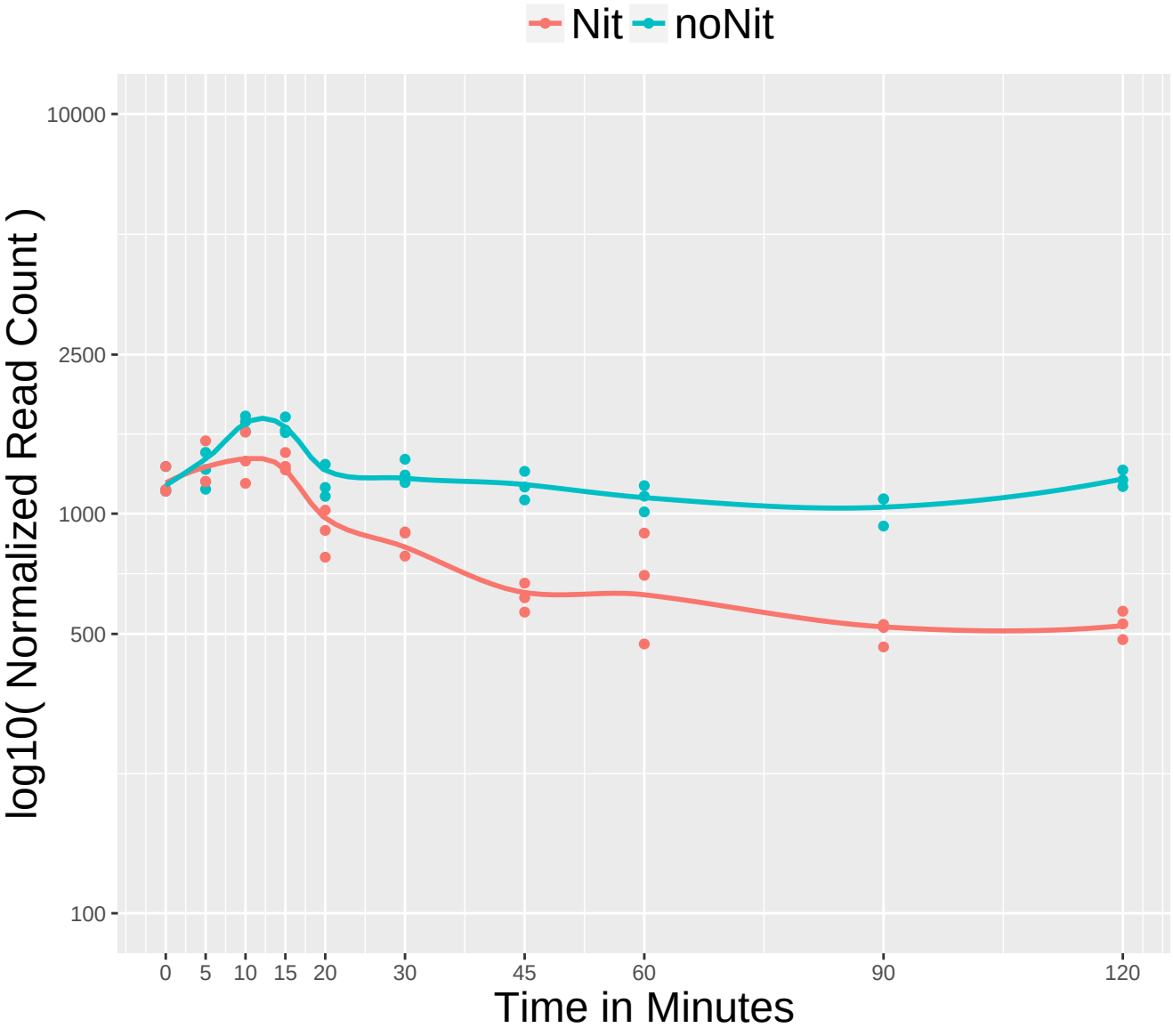
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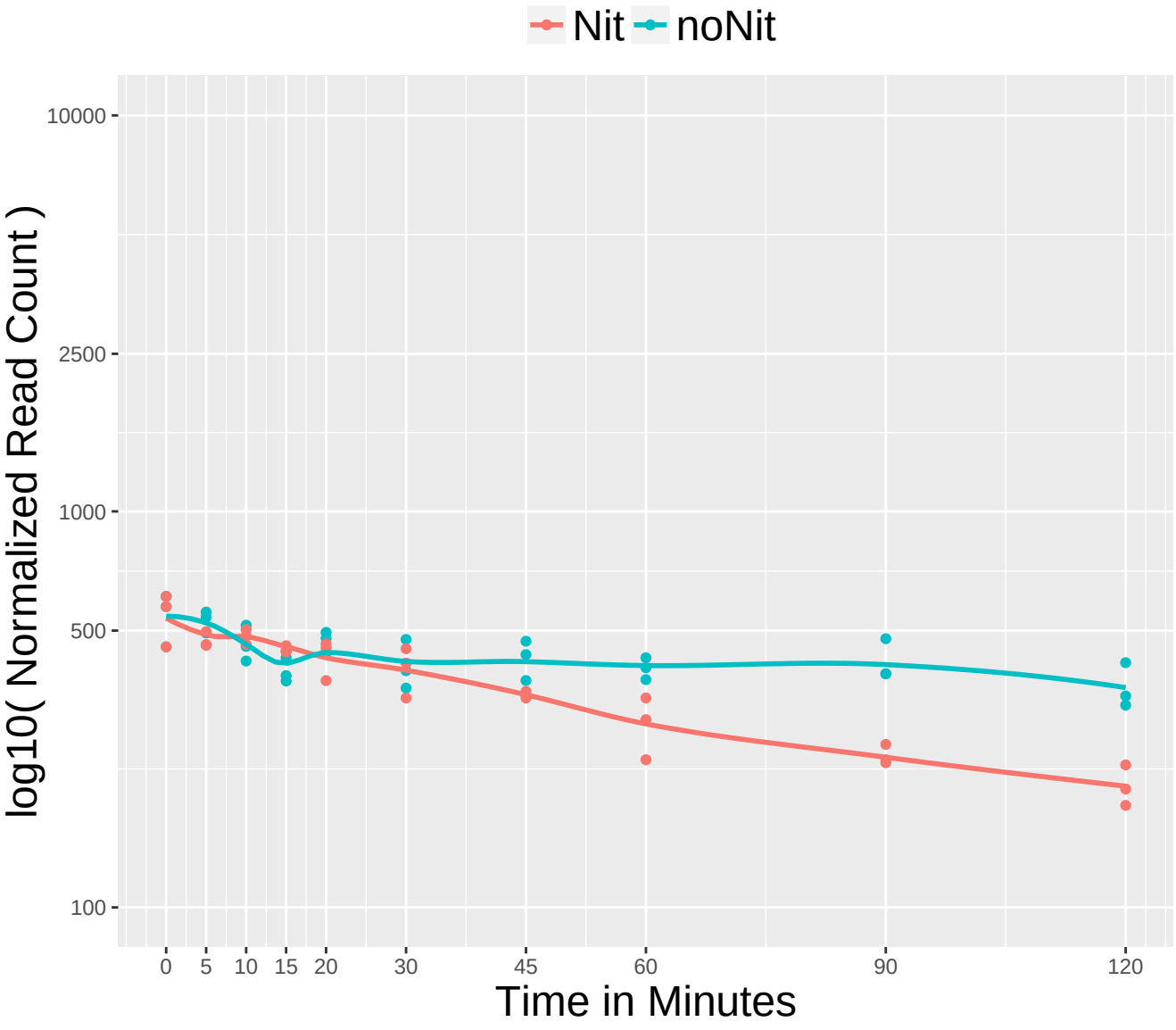
AT5G01260

Carbohydrate−binding−like



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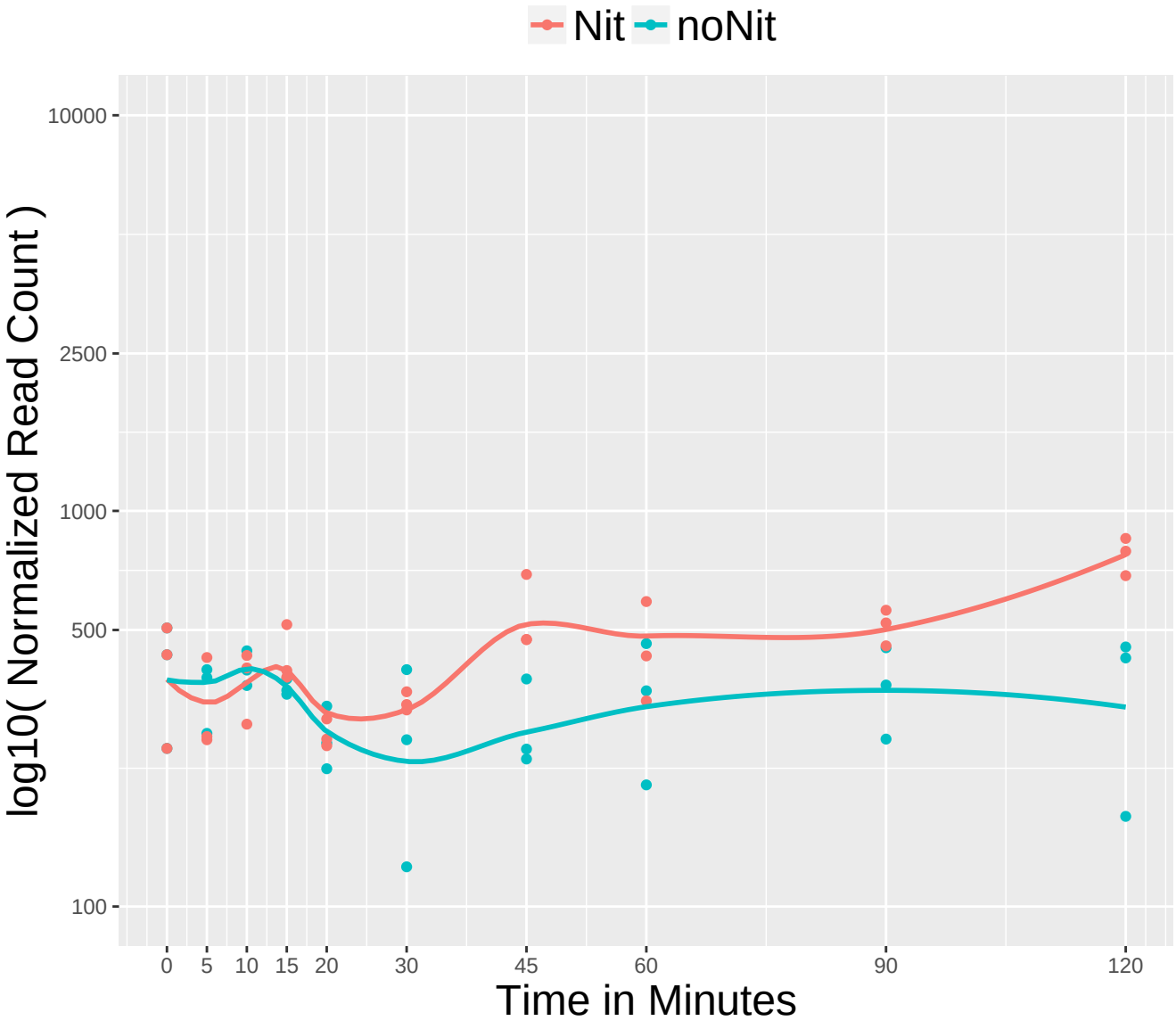
Magnesium



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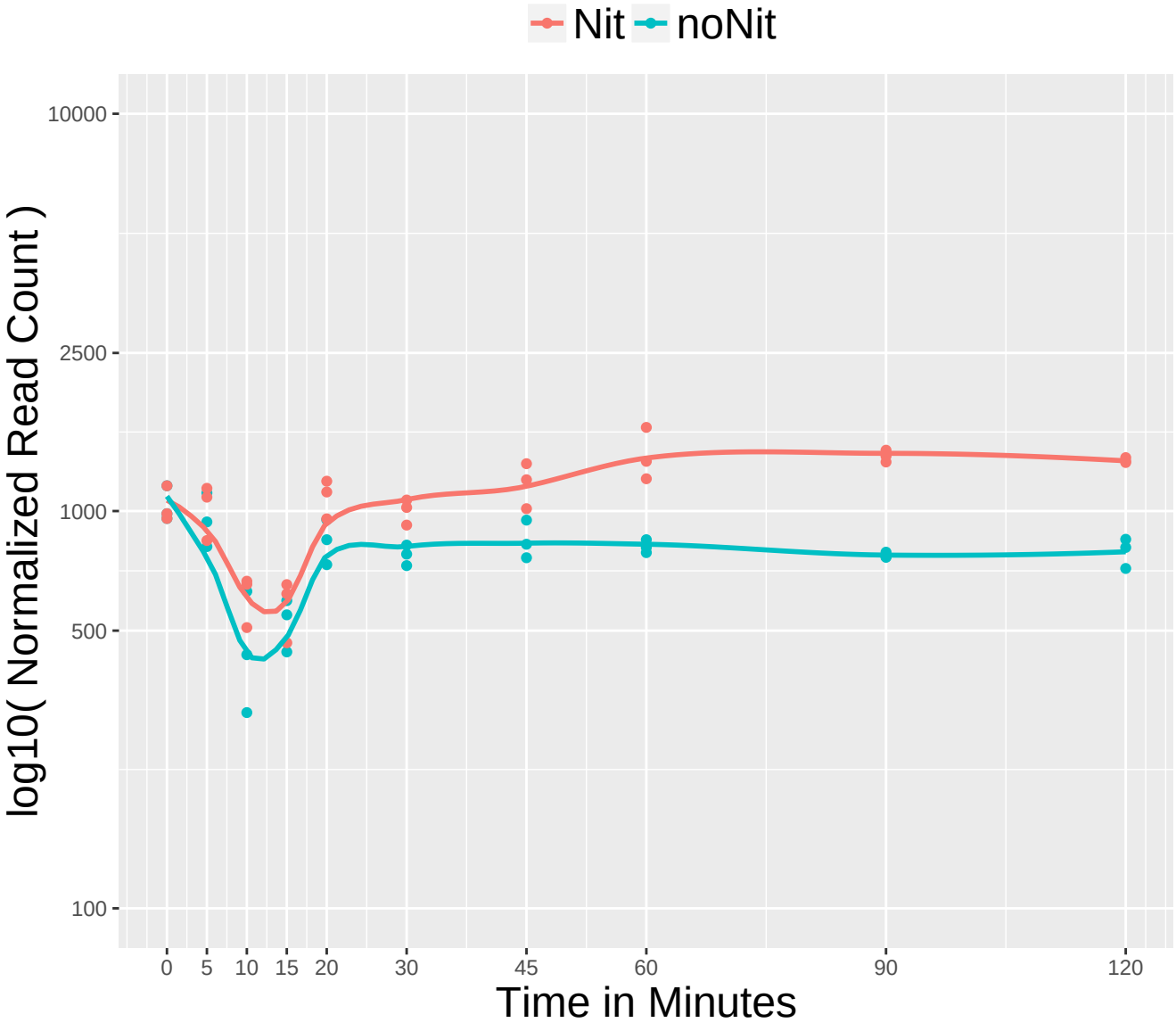
PHL1,PHR1−like



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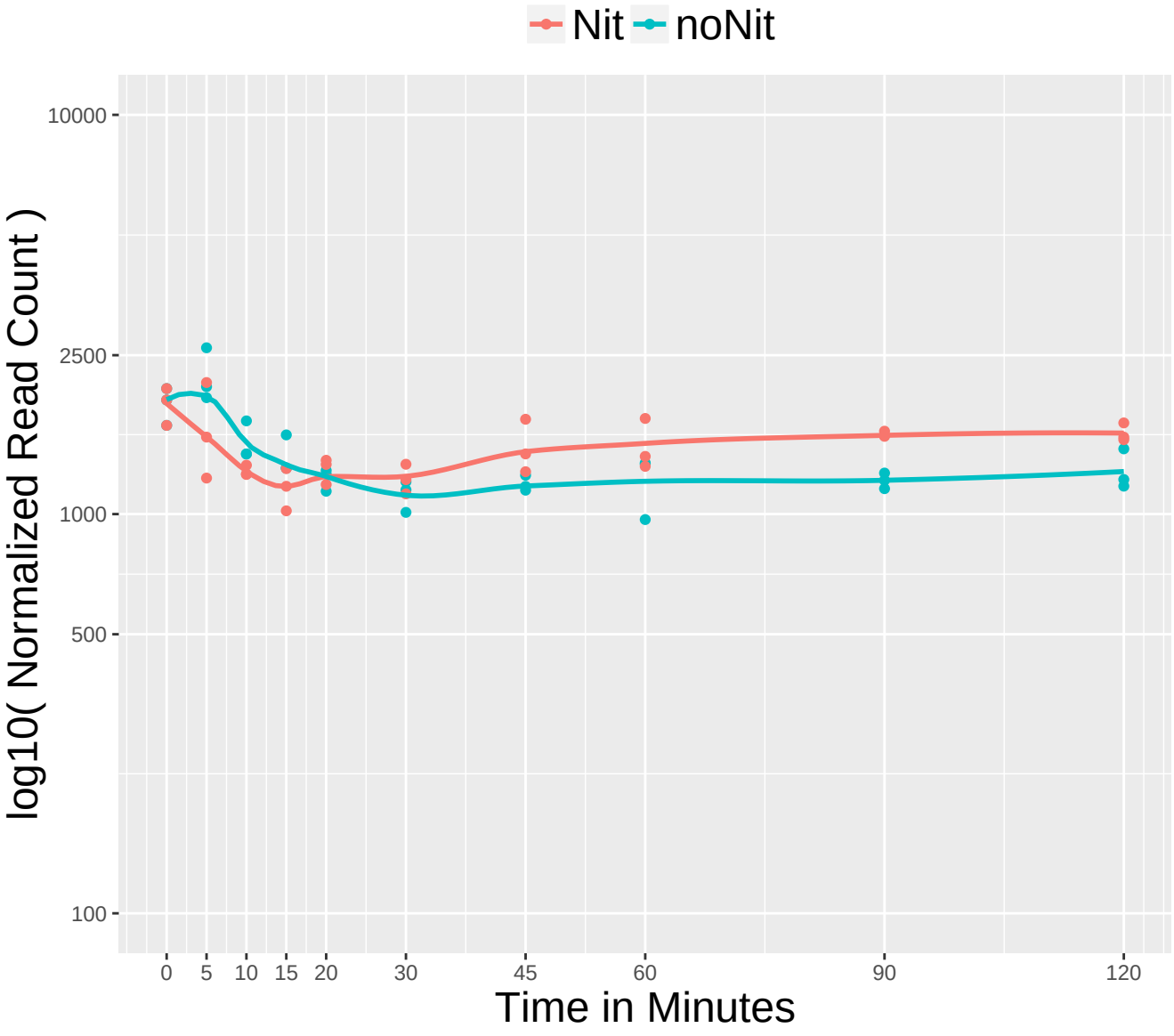
SMAD/FHA



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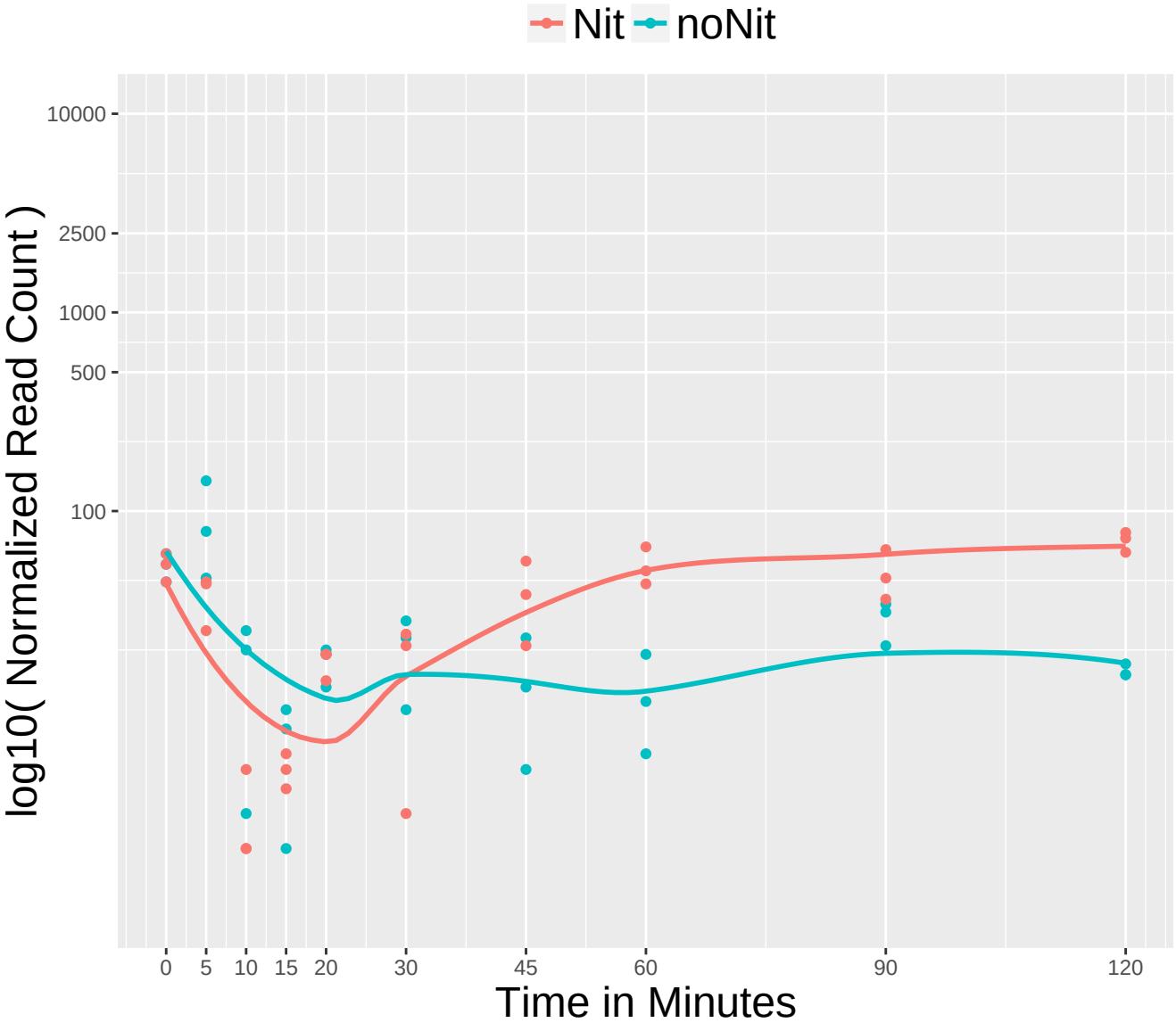
GLV11,GOLVEN



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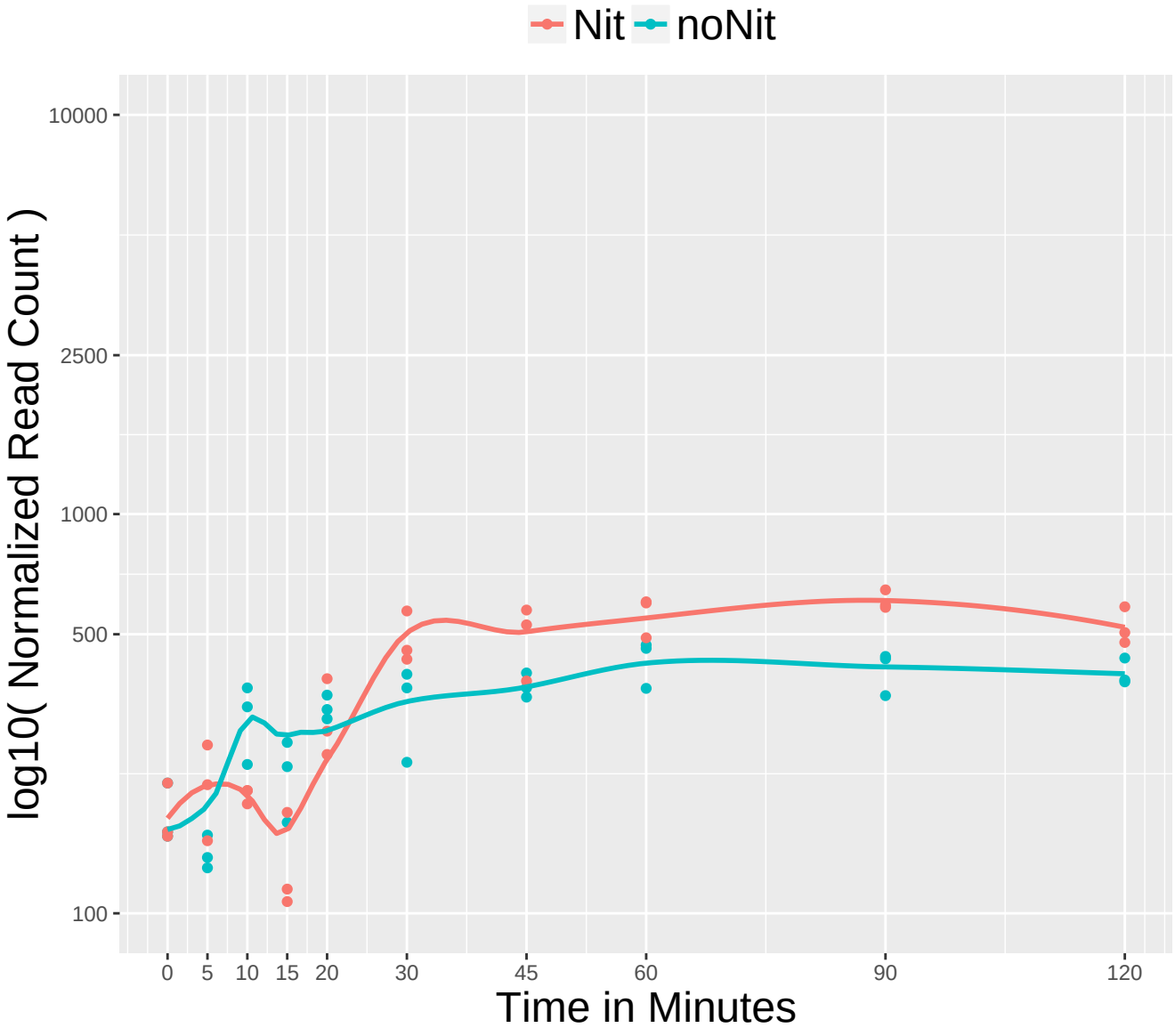
MRG



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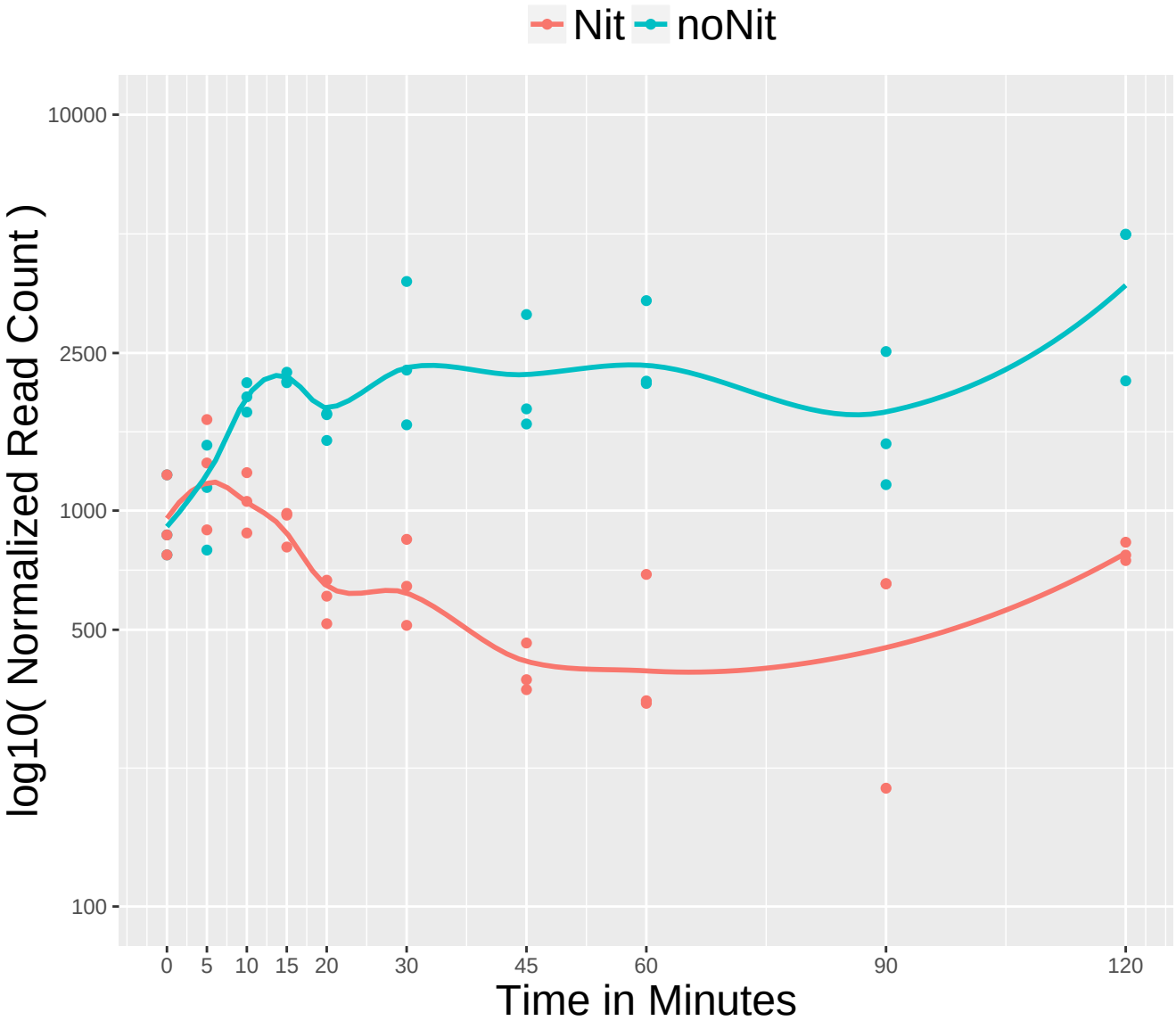
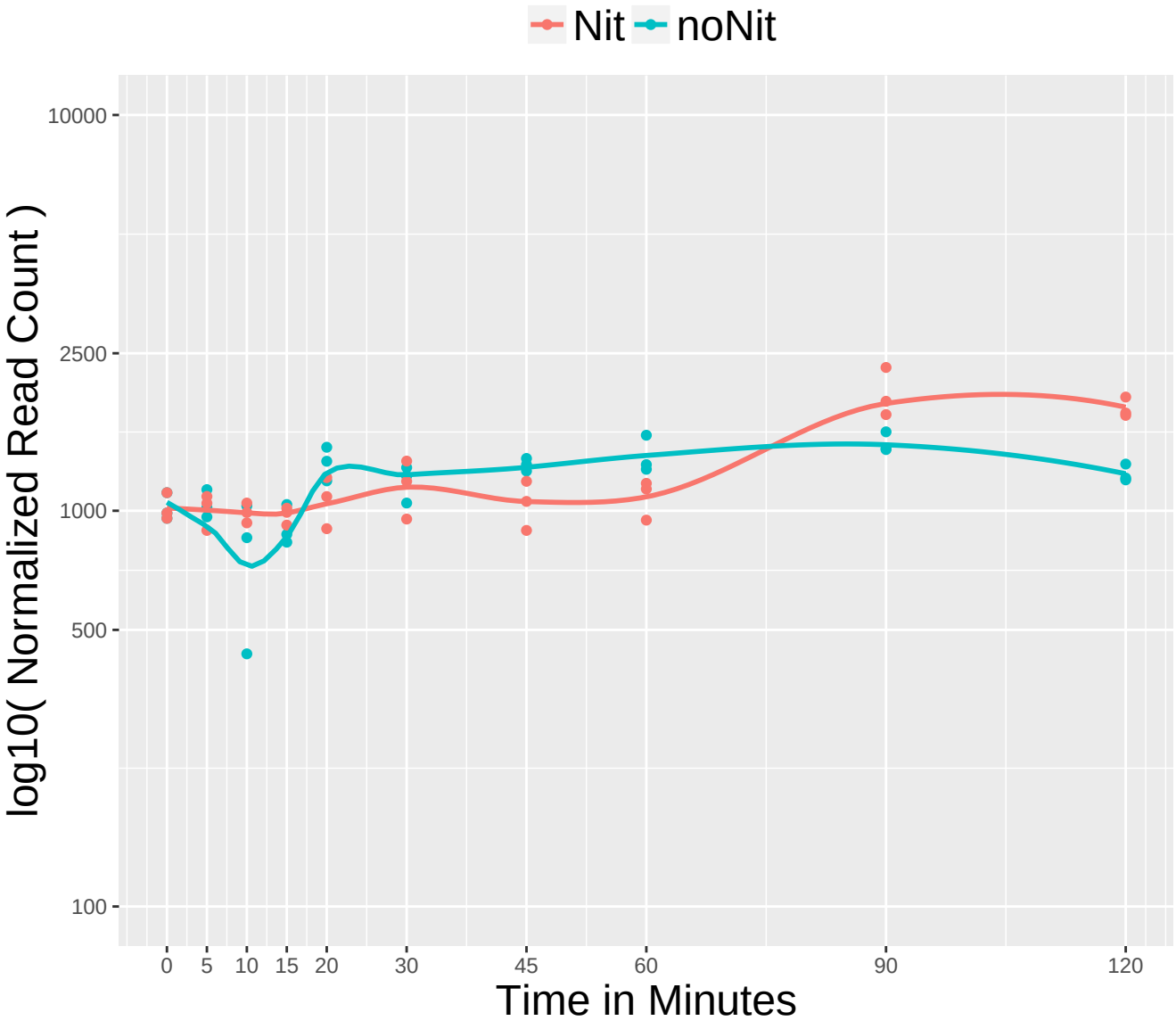
PER4,peroxidase



AT1G18460

alpha/beta−Hydrolases



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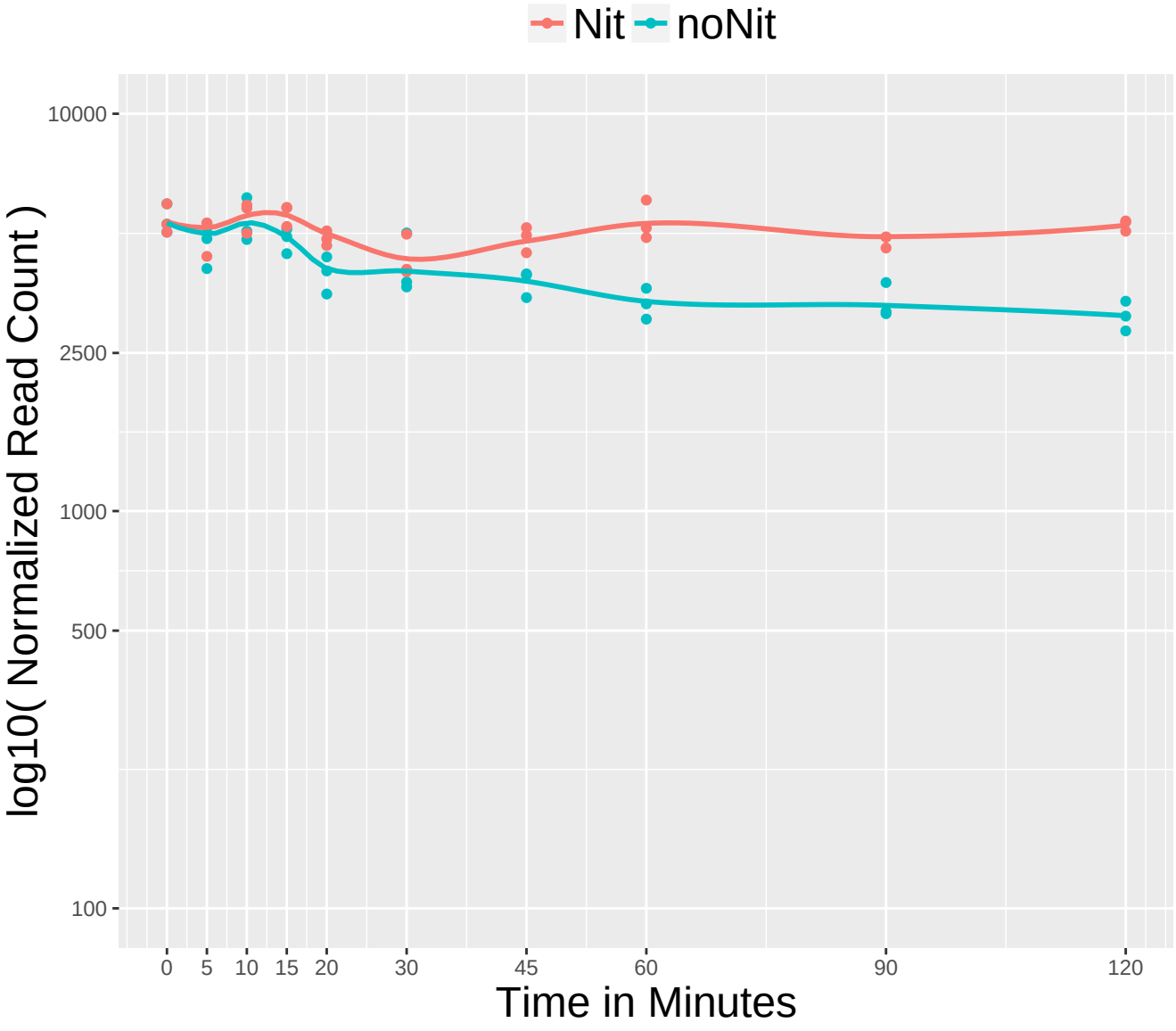
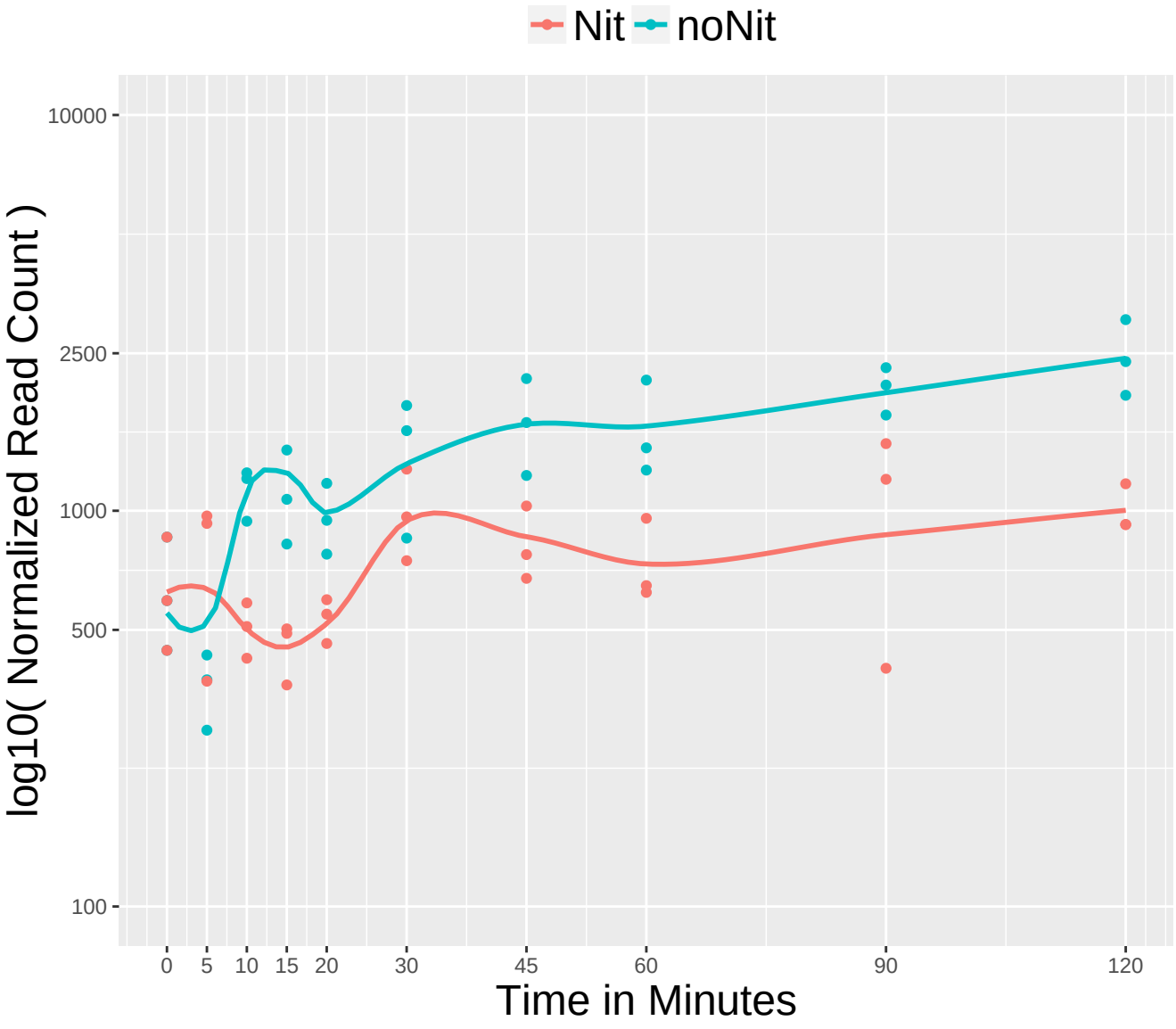
ATTIM23−2,translocase



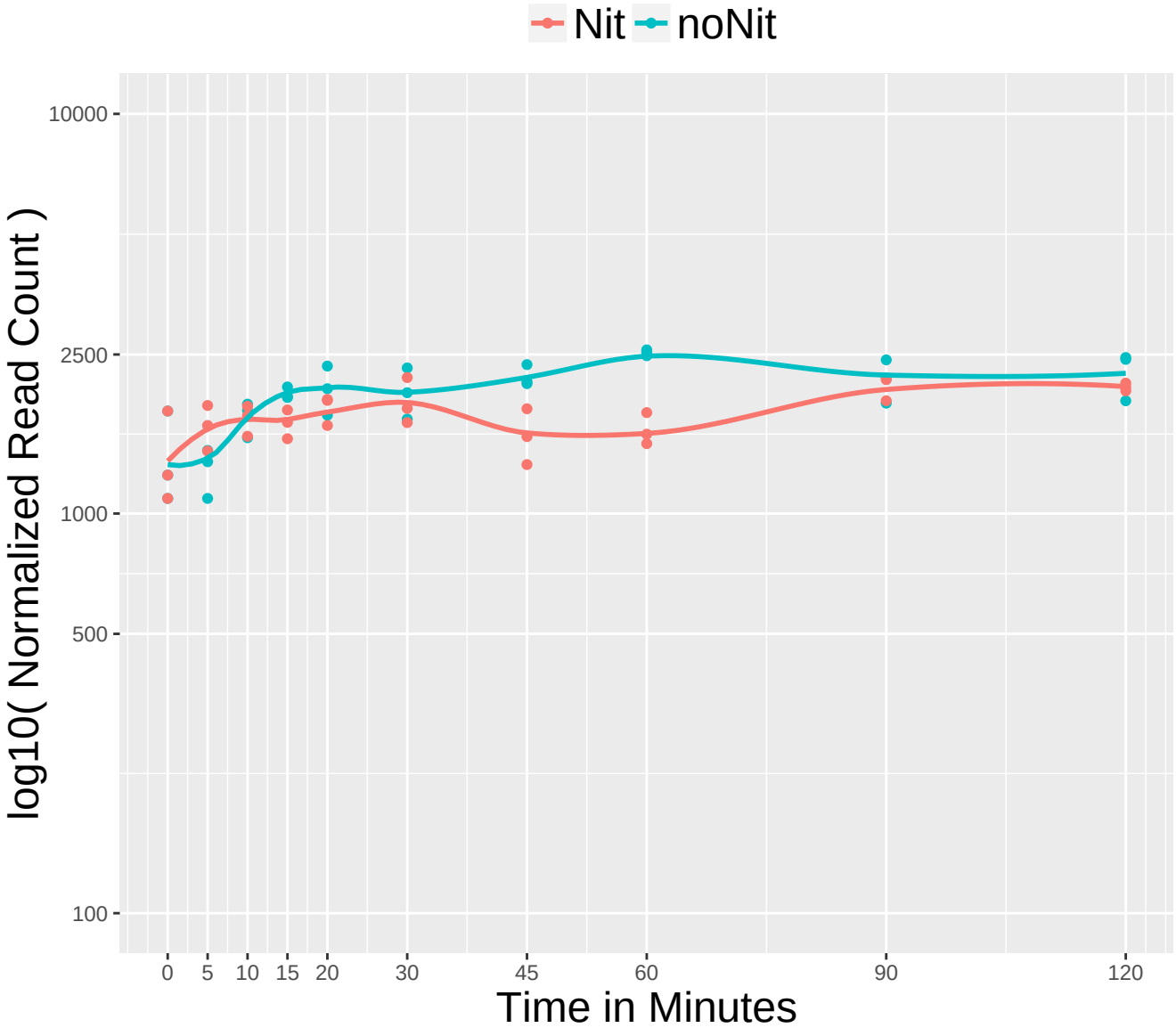
AT1G77520

O−methyltransferase



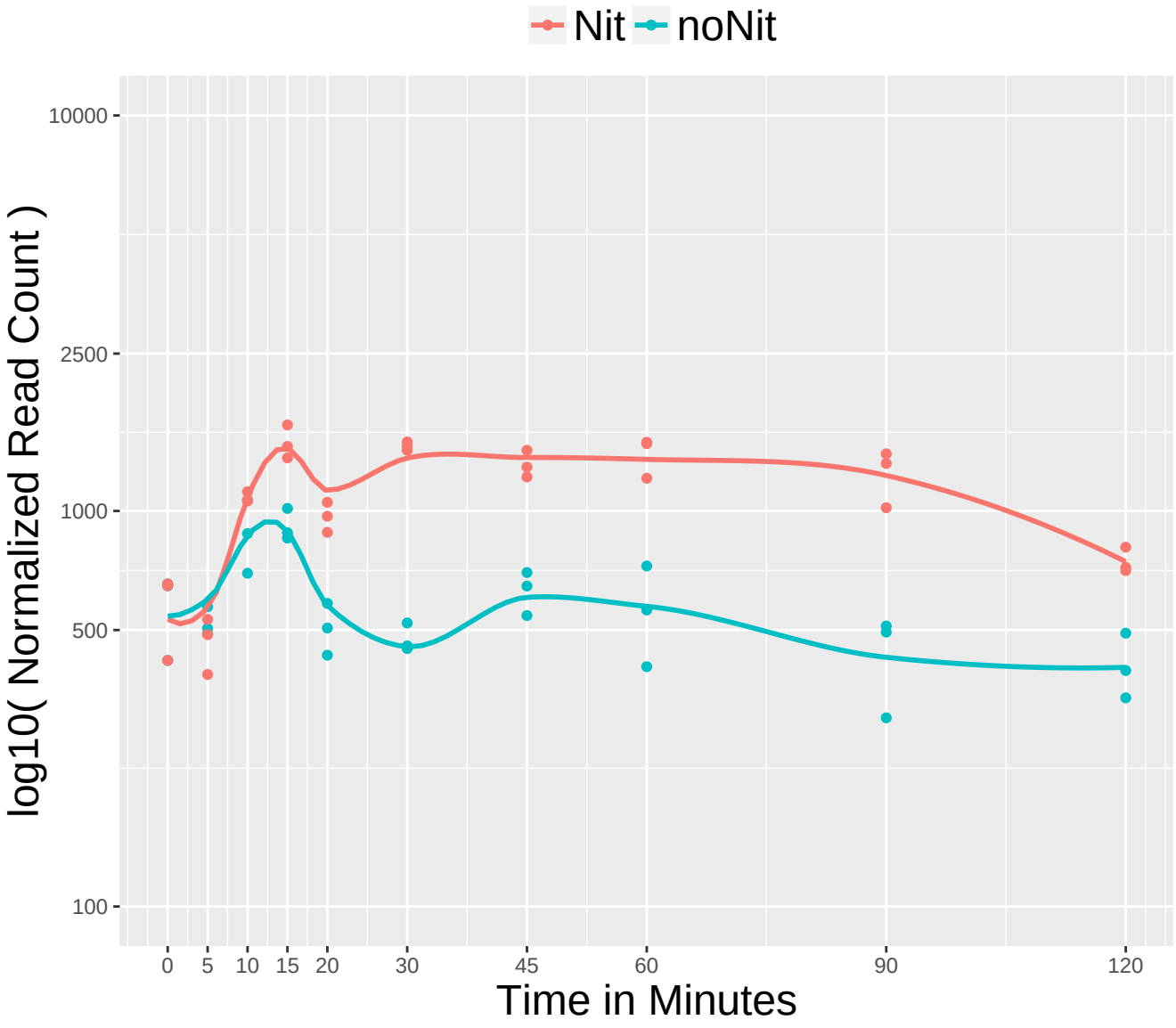
AT2G23450

Protein



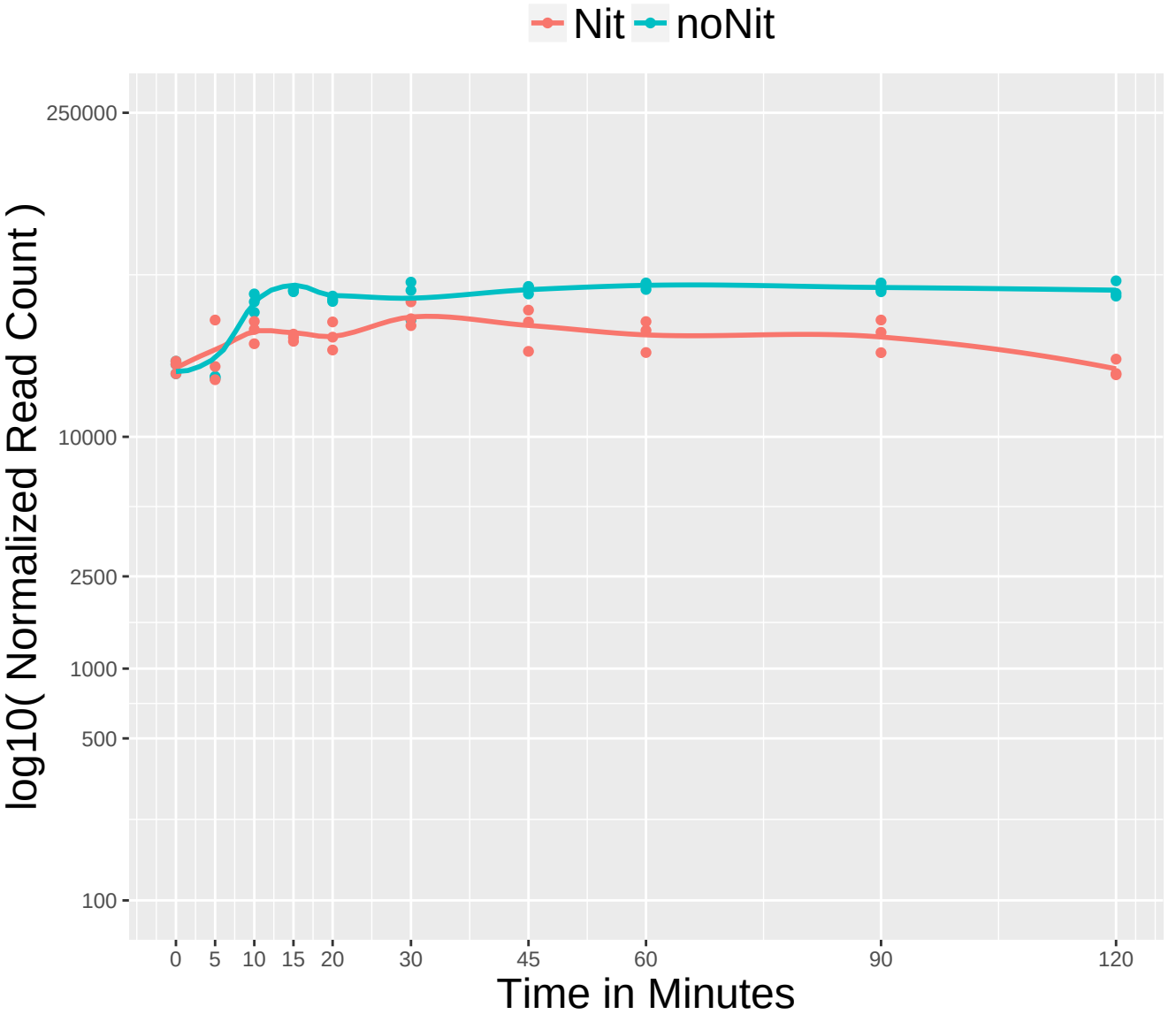
AT2G30100

pentatricopeptide



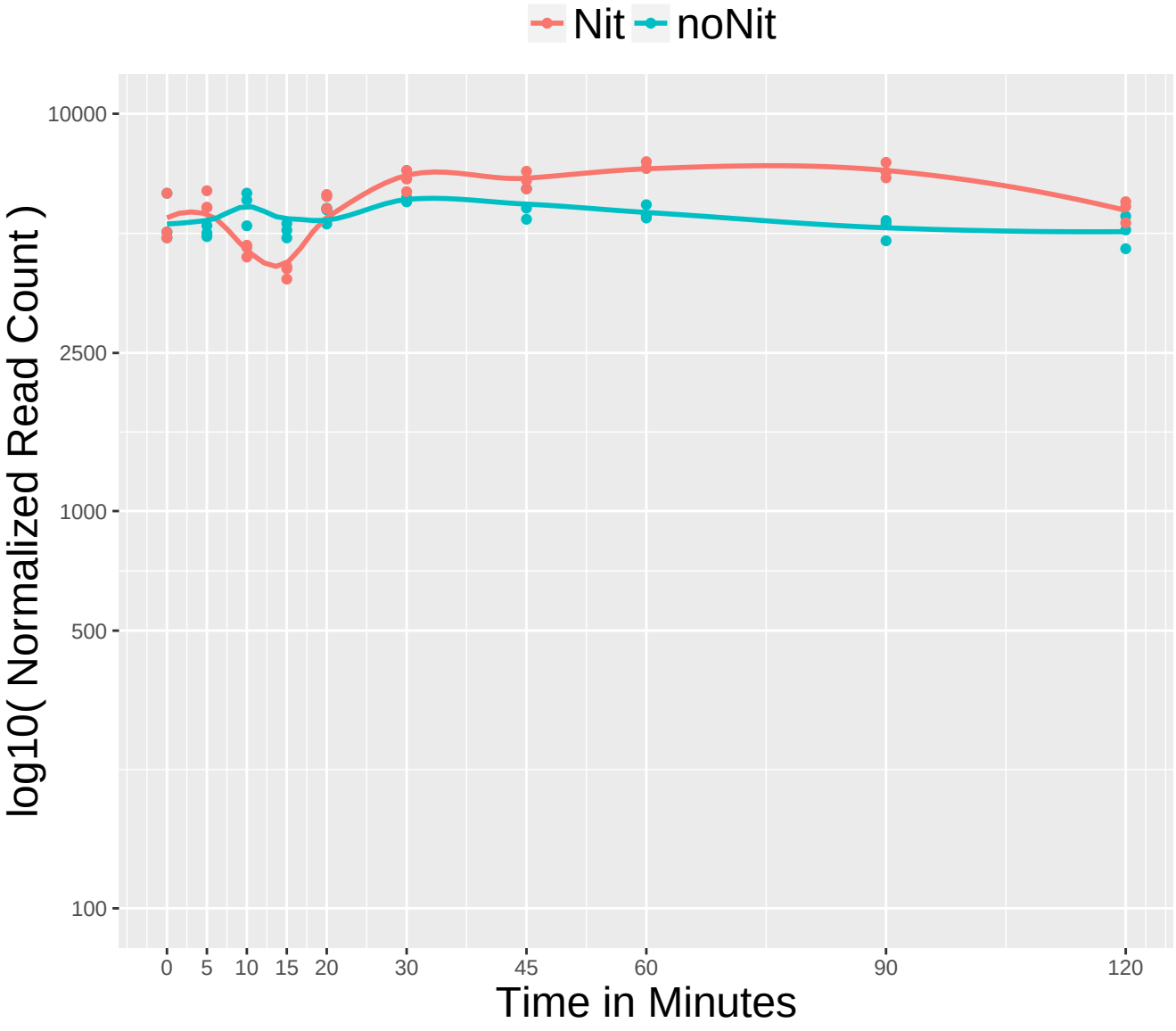
AT2G36880

MAT3,methionine



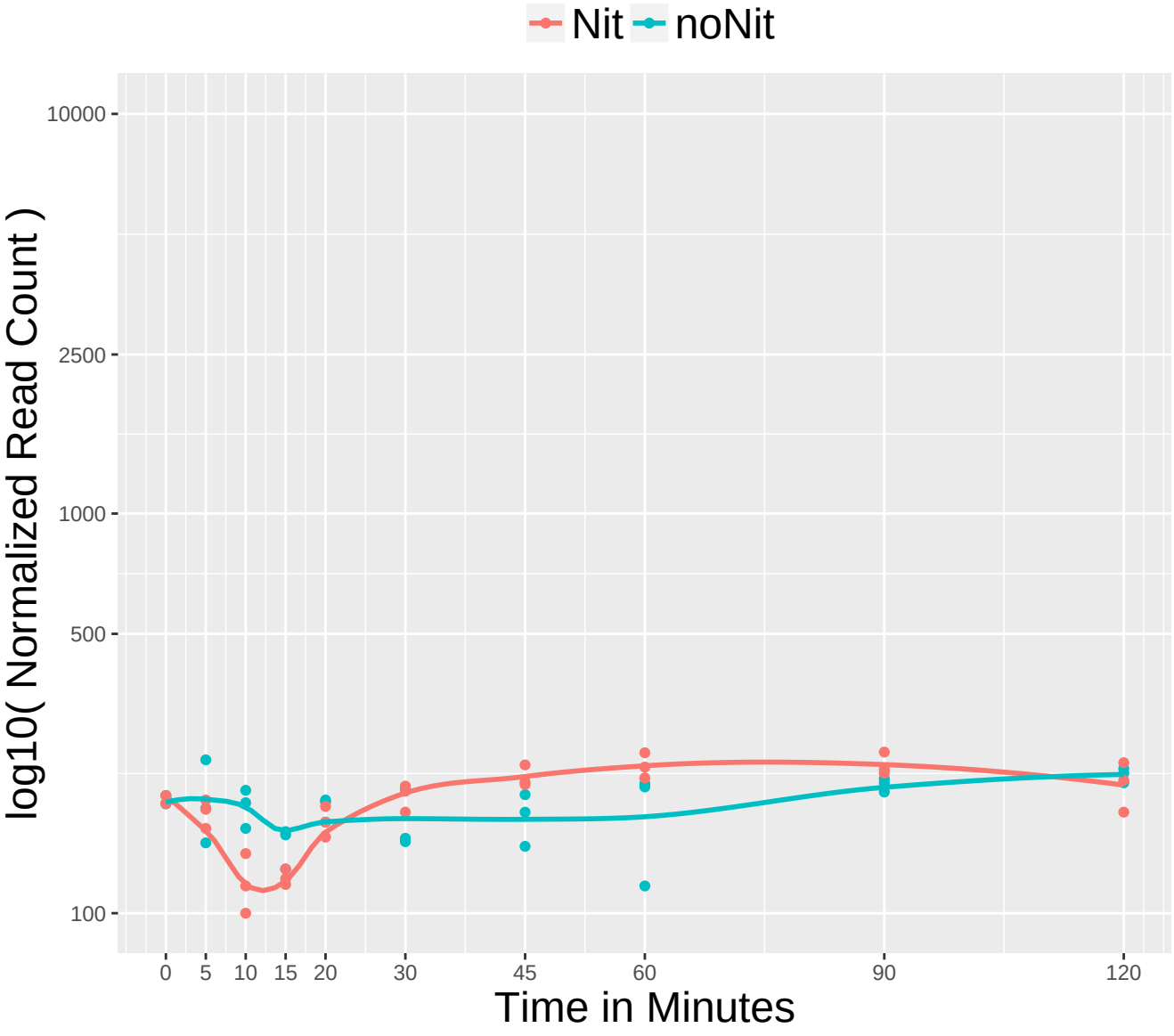
AT3G04730

IAA16,indoleacetic



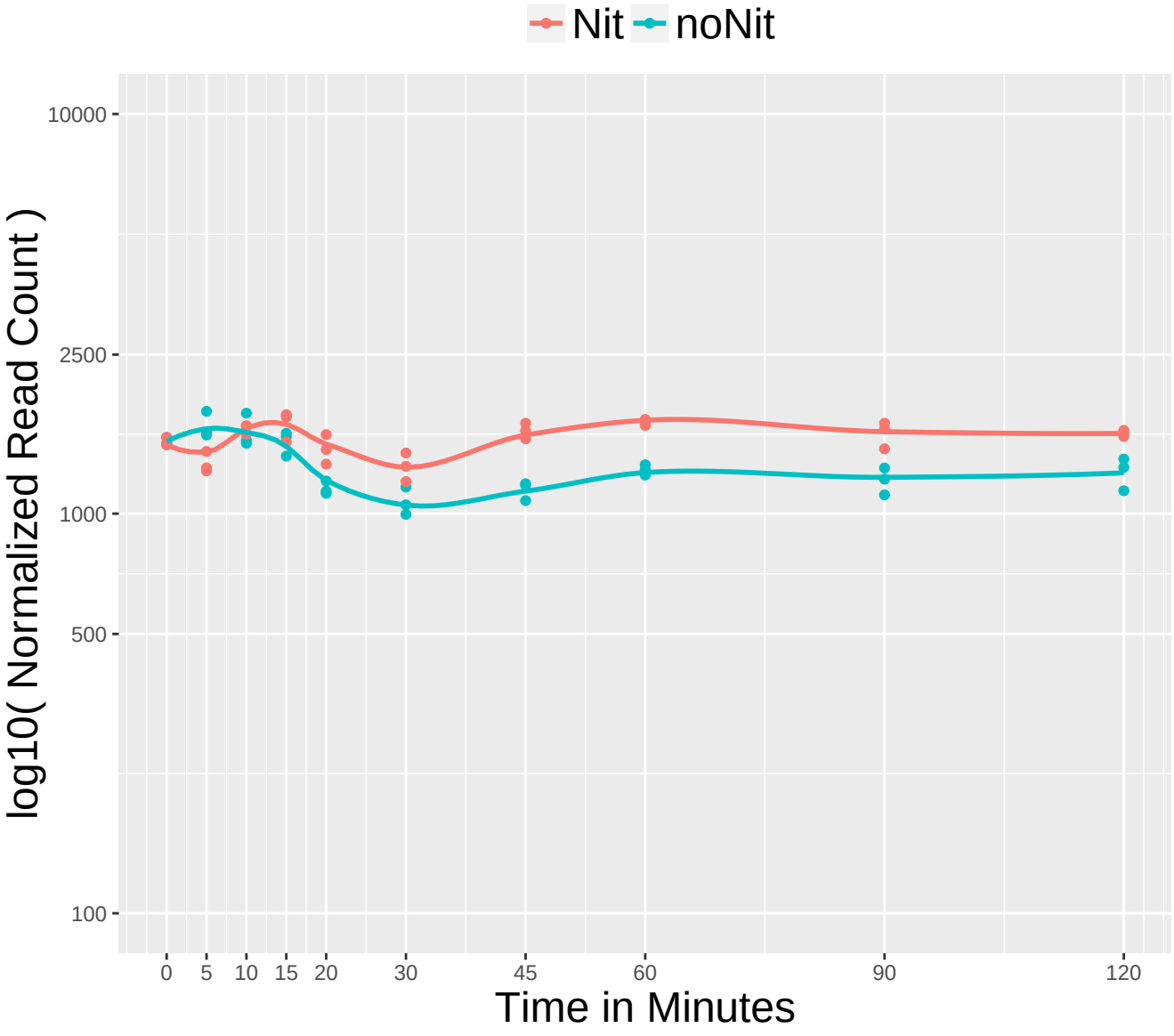
AT3G07670

Rubisco



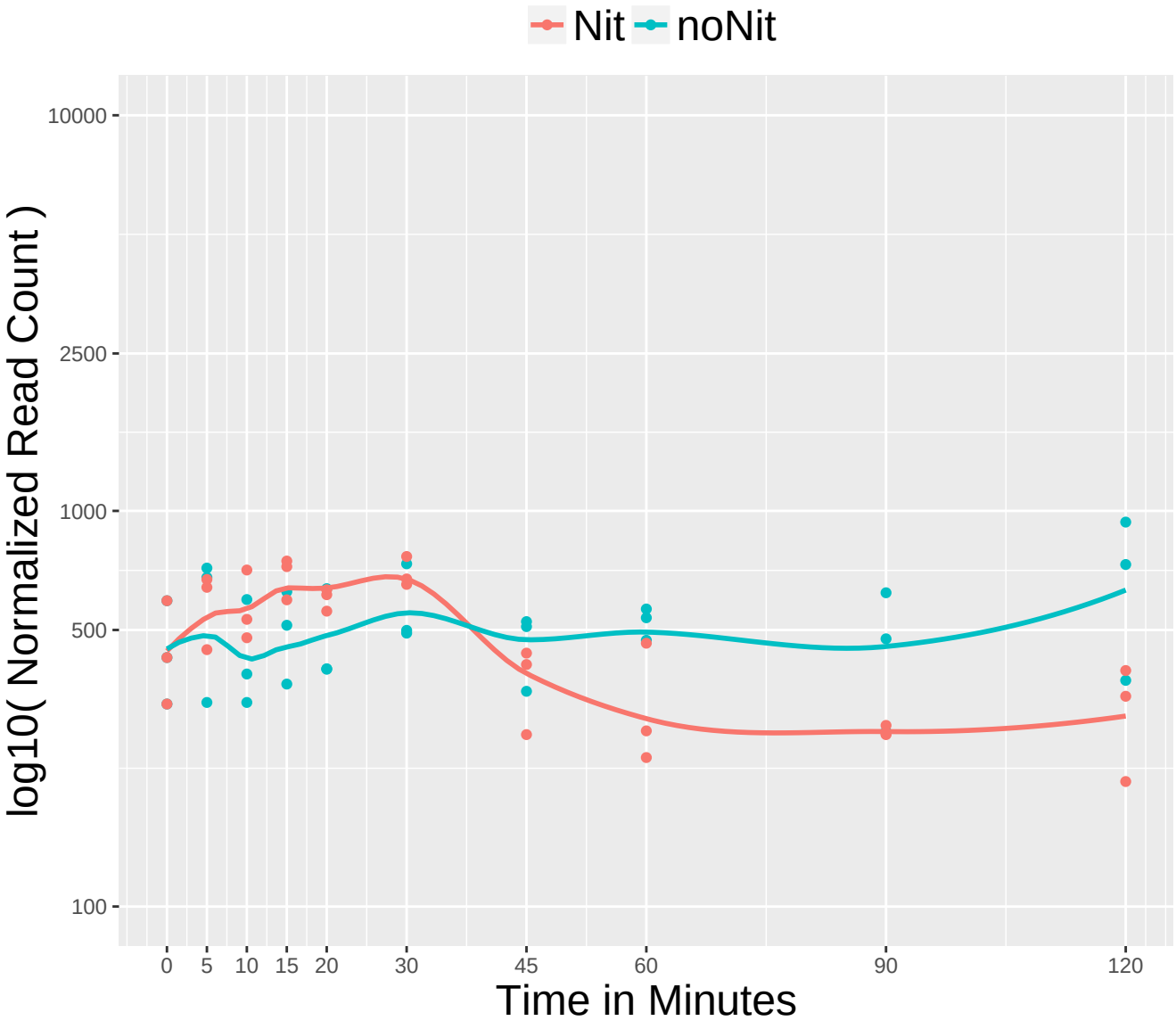
AT3G13225

WW



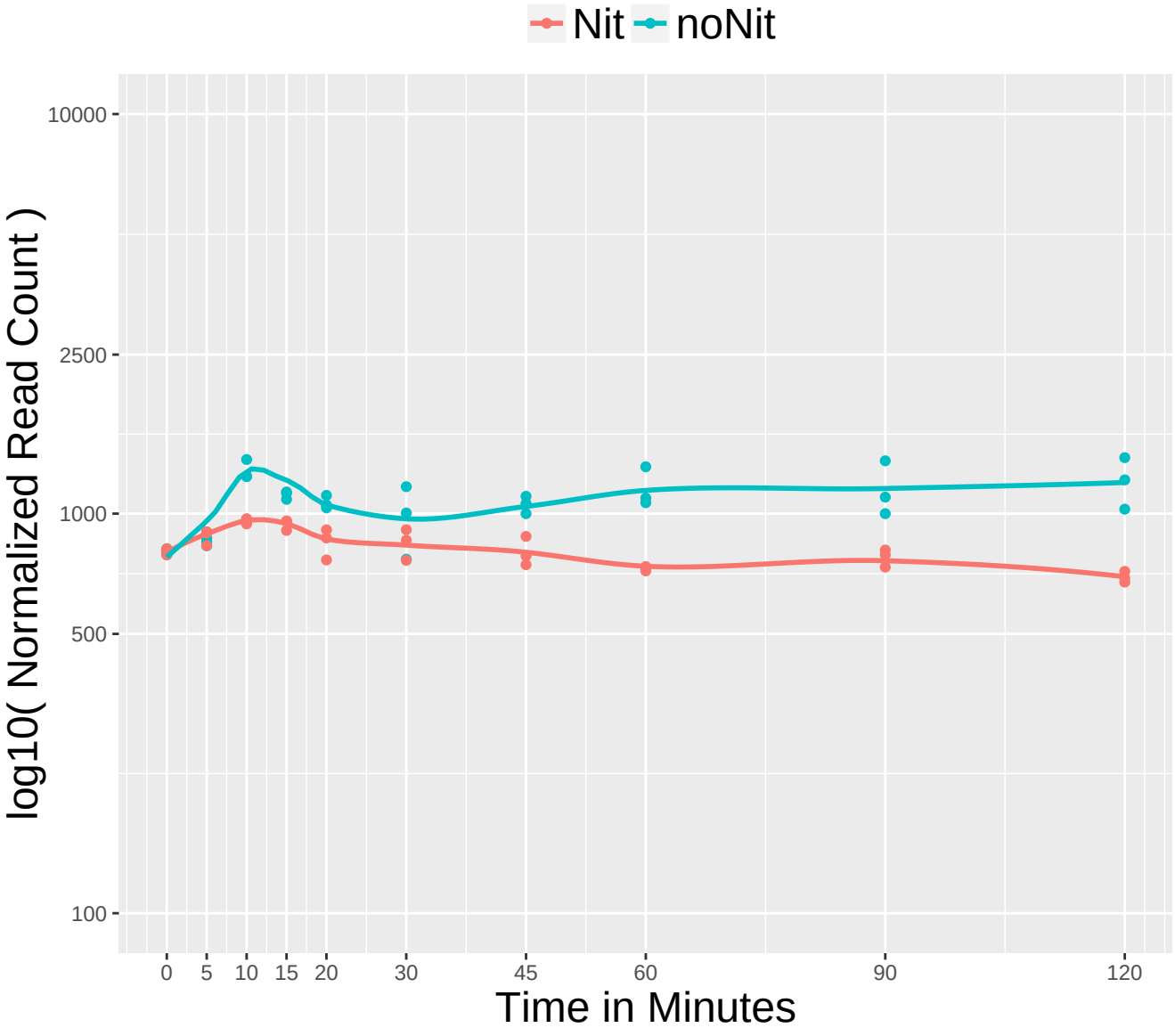
AT3G53160

UGT73C7,UDP−glucosyl



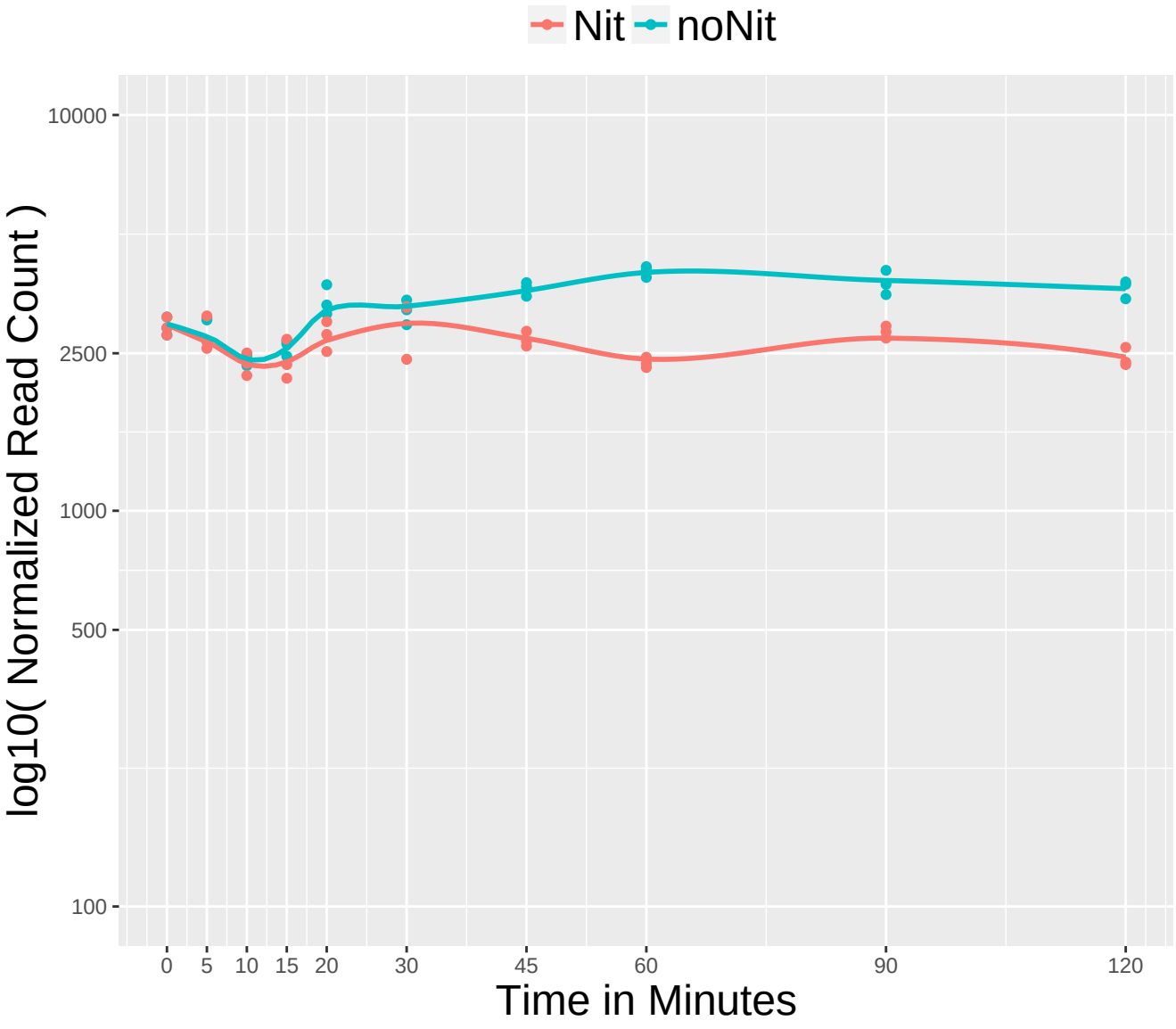
AT3G55070

LisH/CRA/RING−U−box



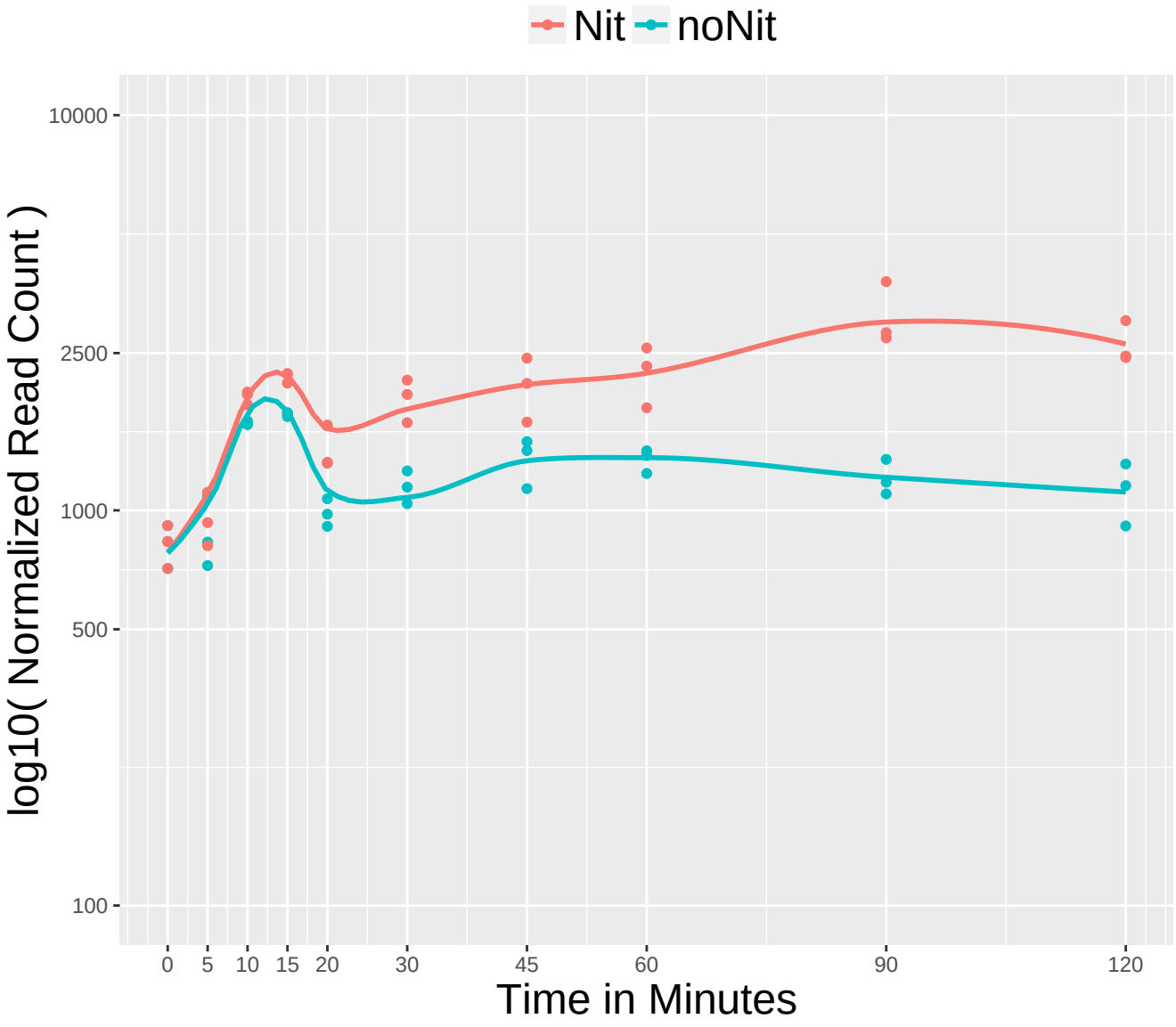
AT4G19860

alpha/beta−Hydrolases

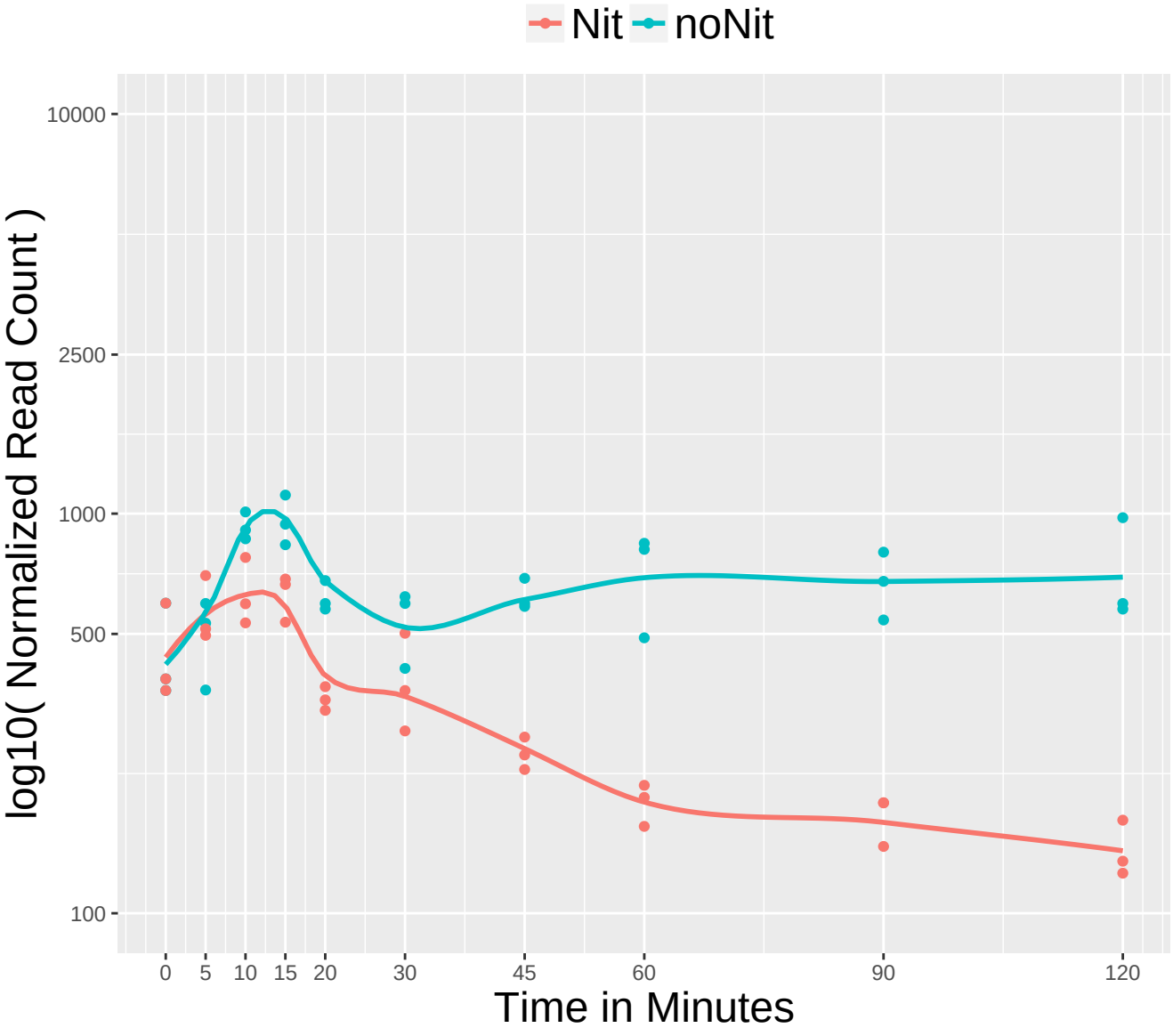


AT4G38810

Calcium−binding



AT5G01225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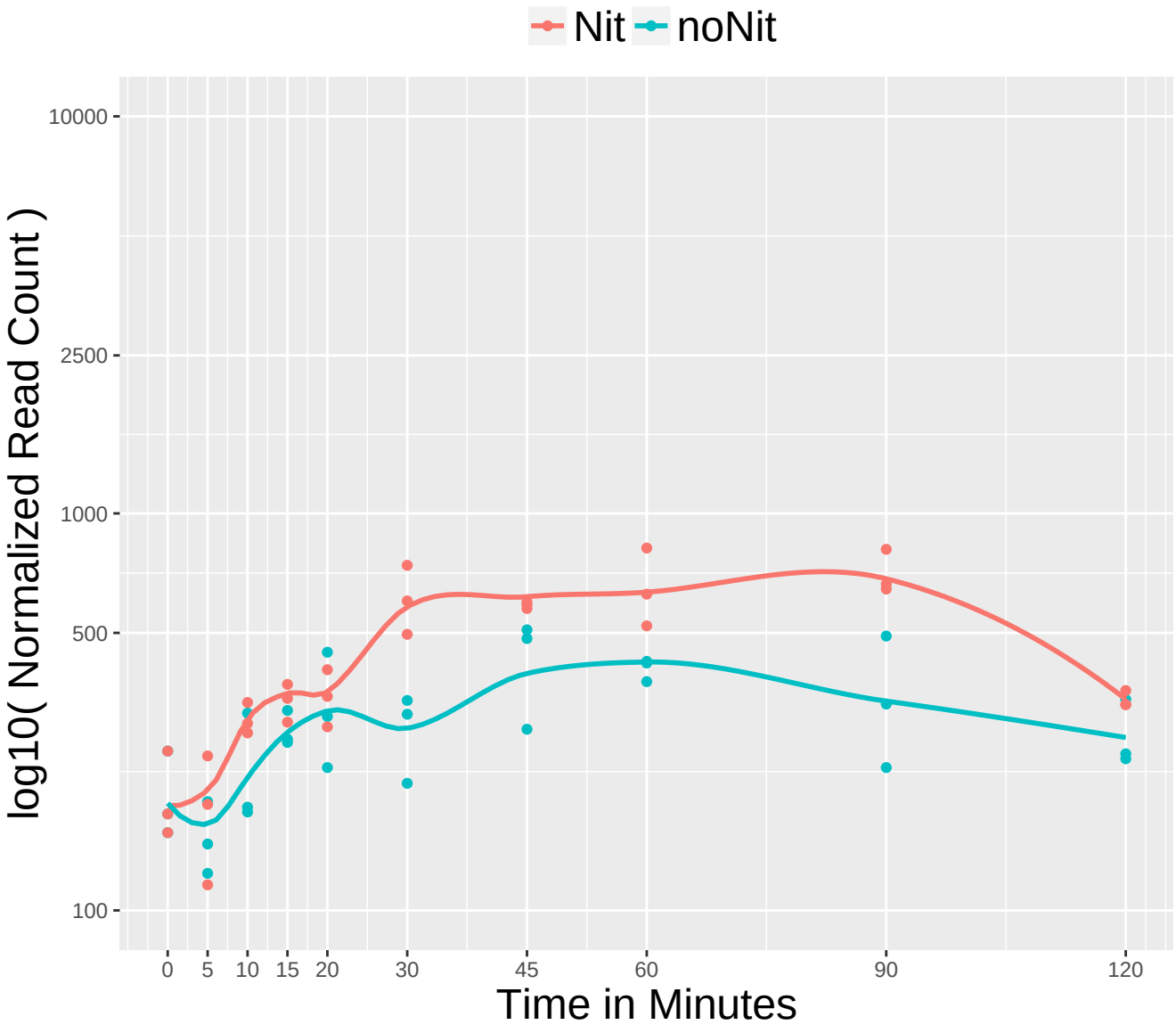
120
Time in Minutes

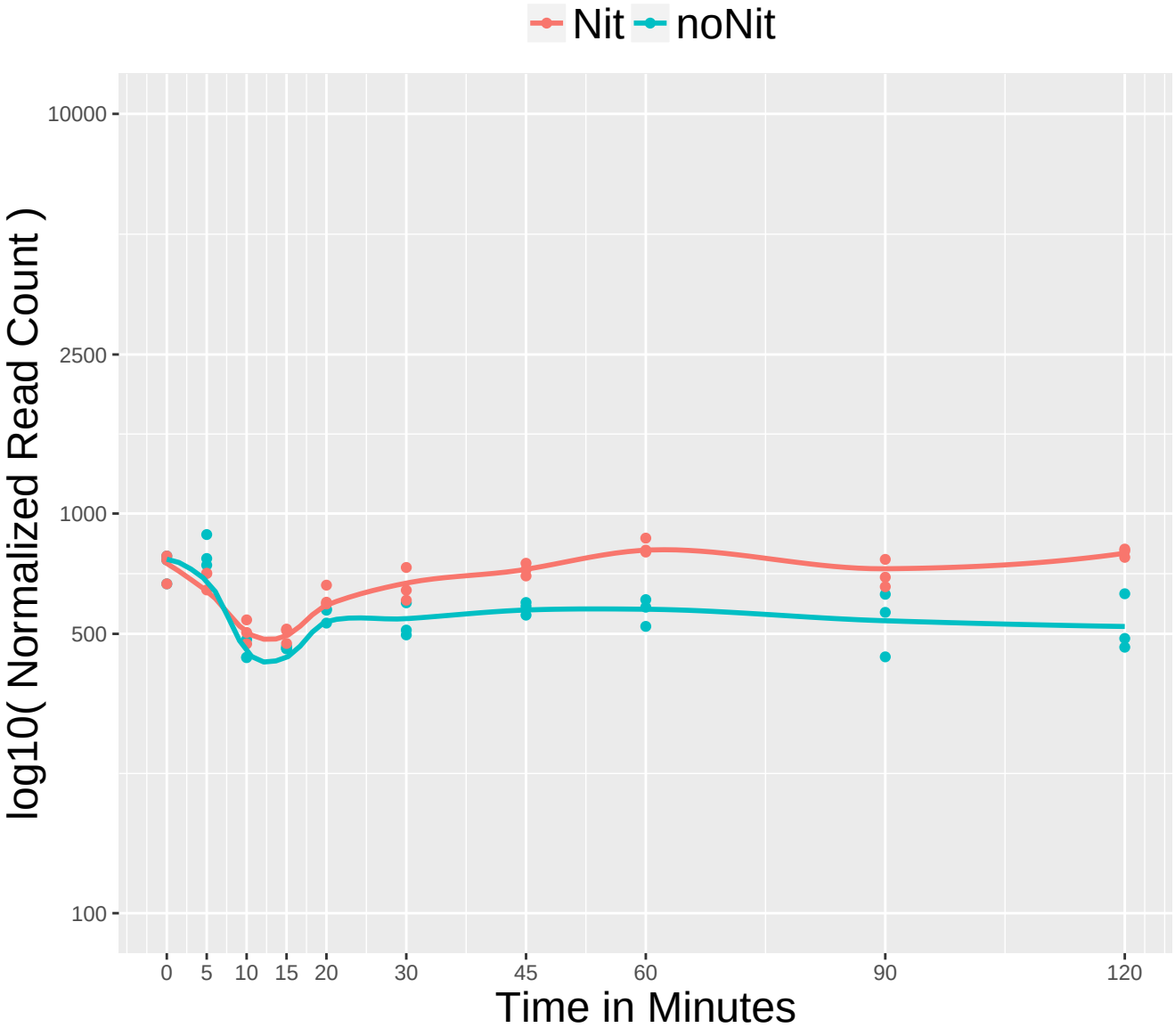
AT5G03570

ATIREG2,ARABIDOPSIS



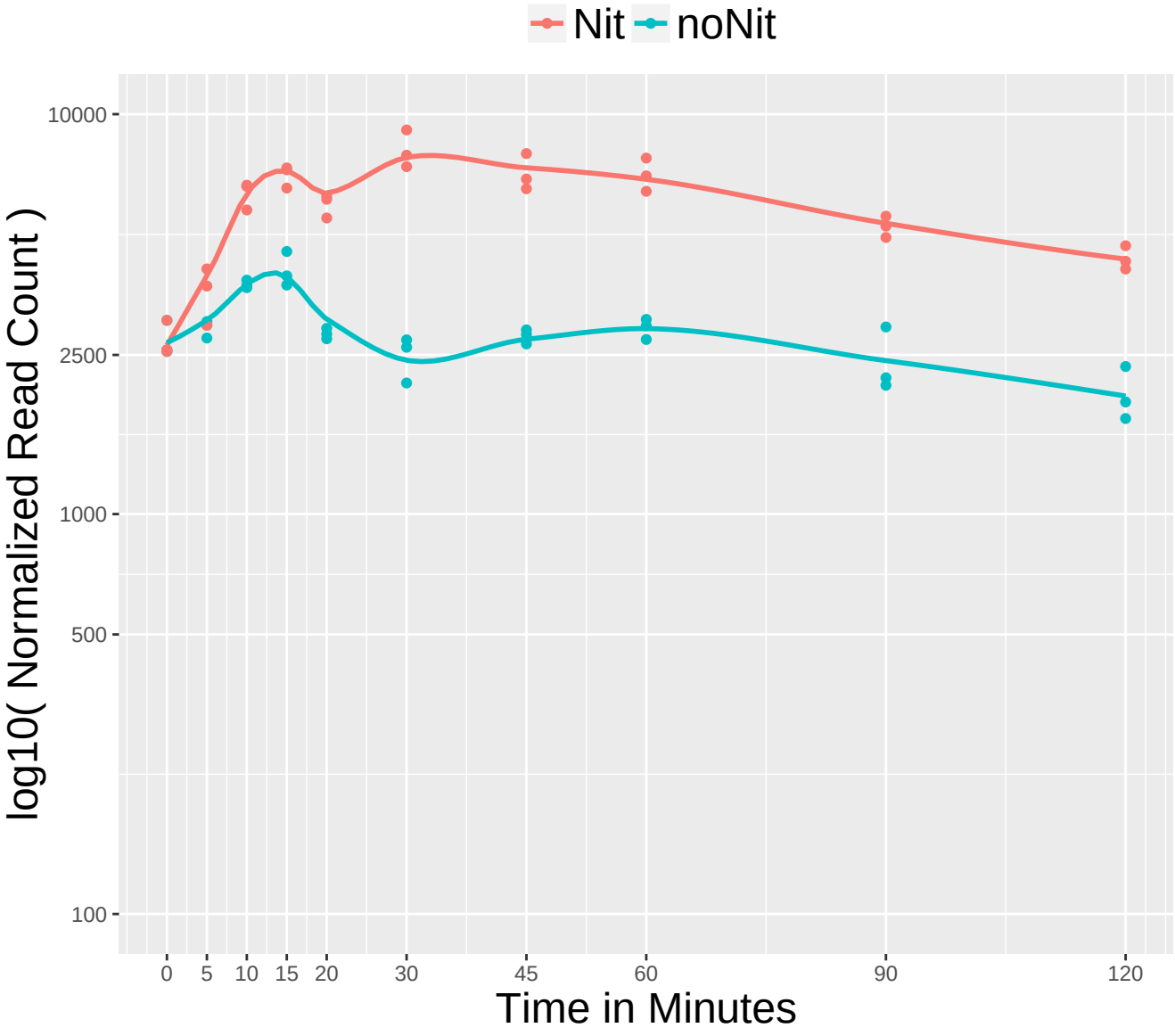
AT5G15570

Bromodomain



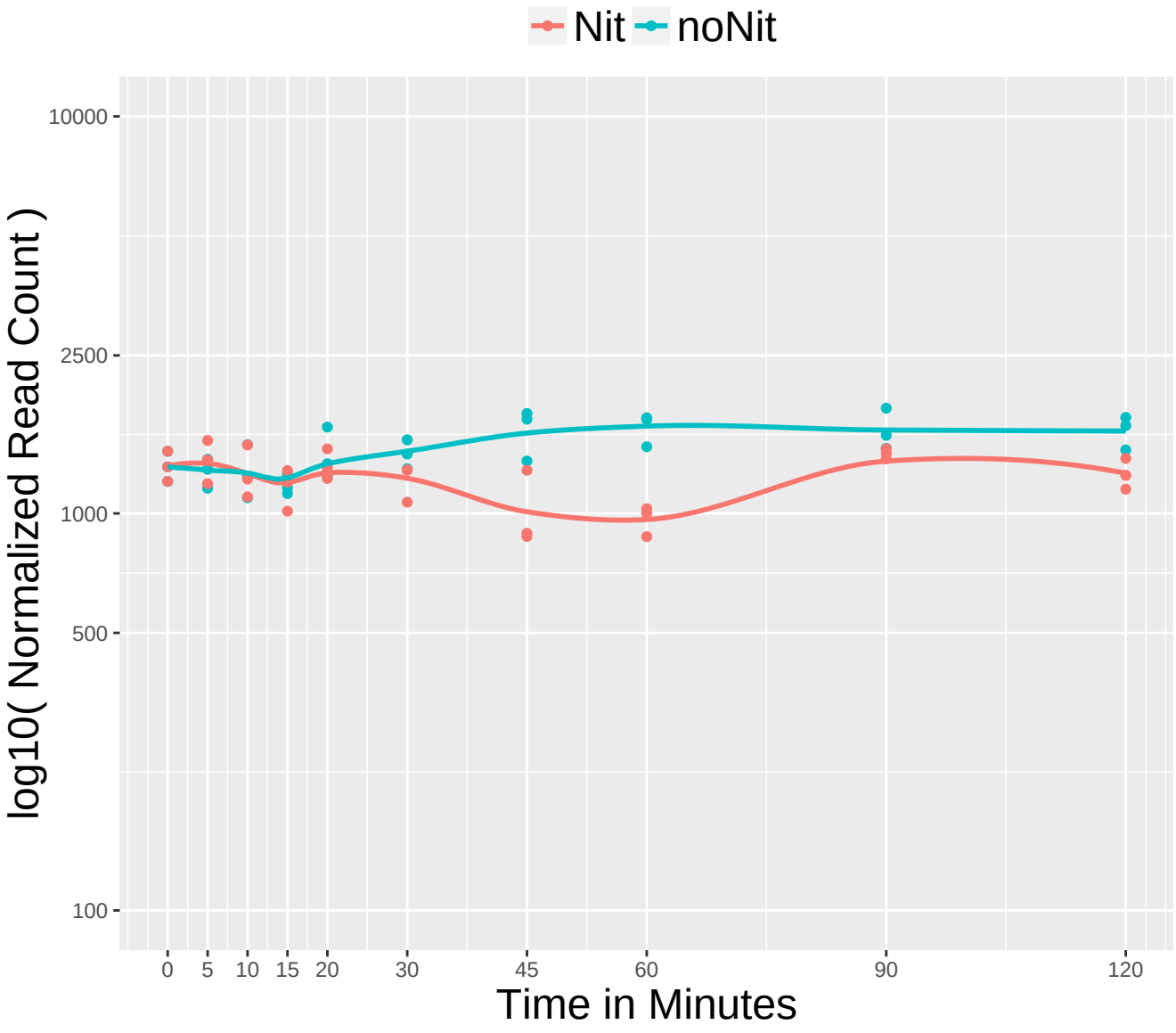
AT5G20885

RING/U−box



AT5G67030

ABA1,ABA



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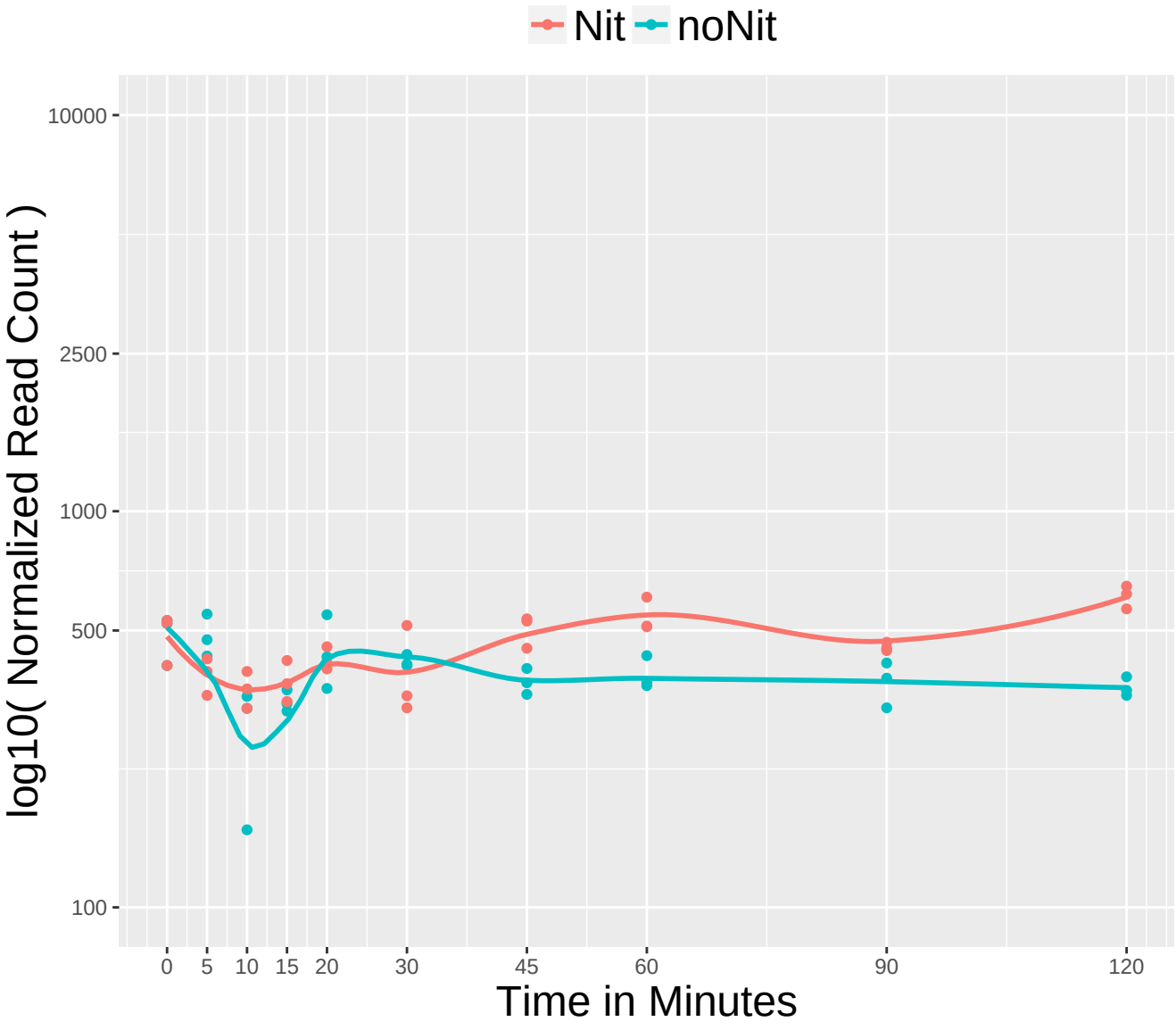
PAI1,phosphoribosylanthranilate



AT1G11300

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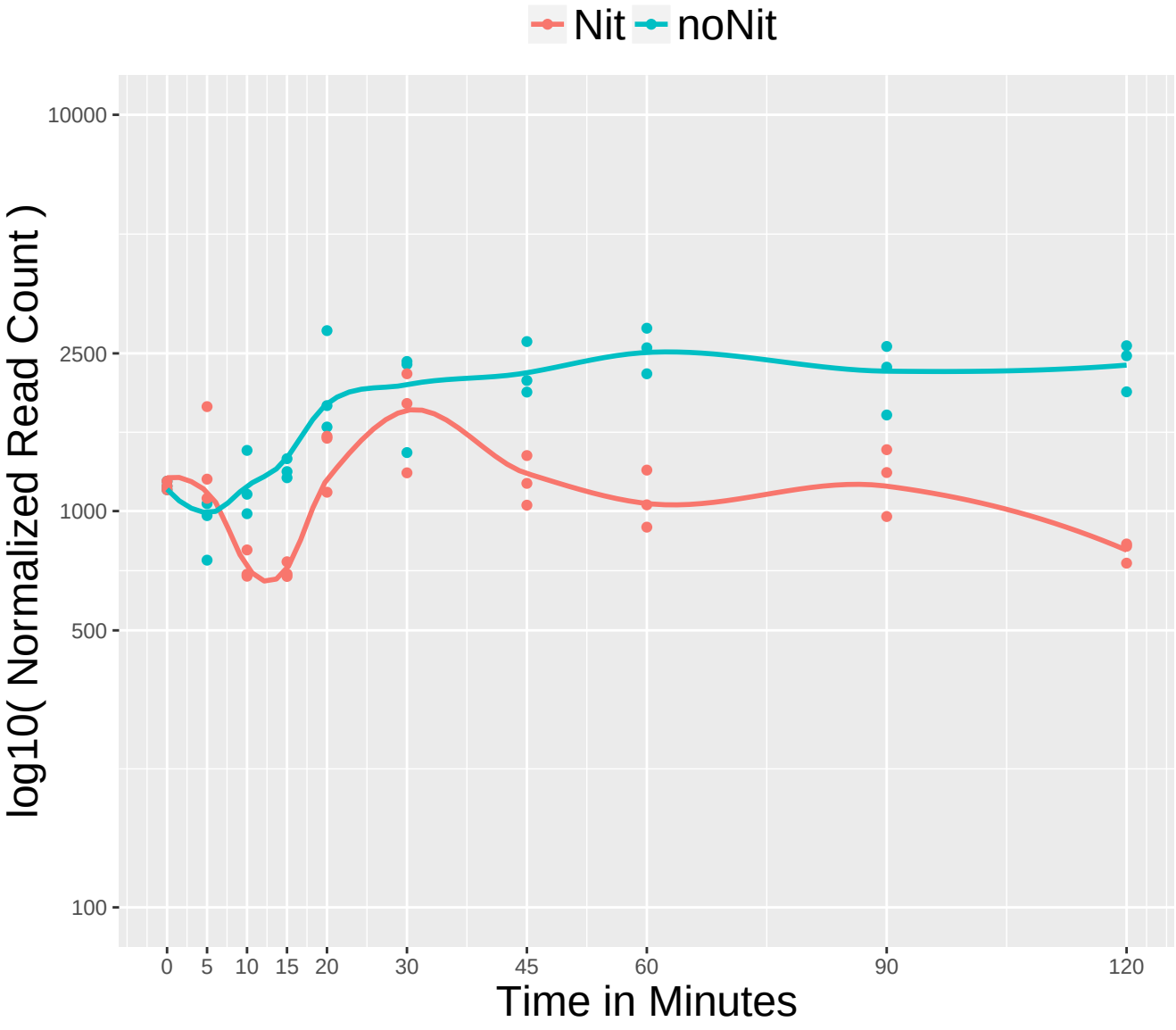

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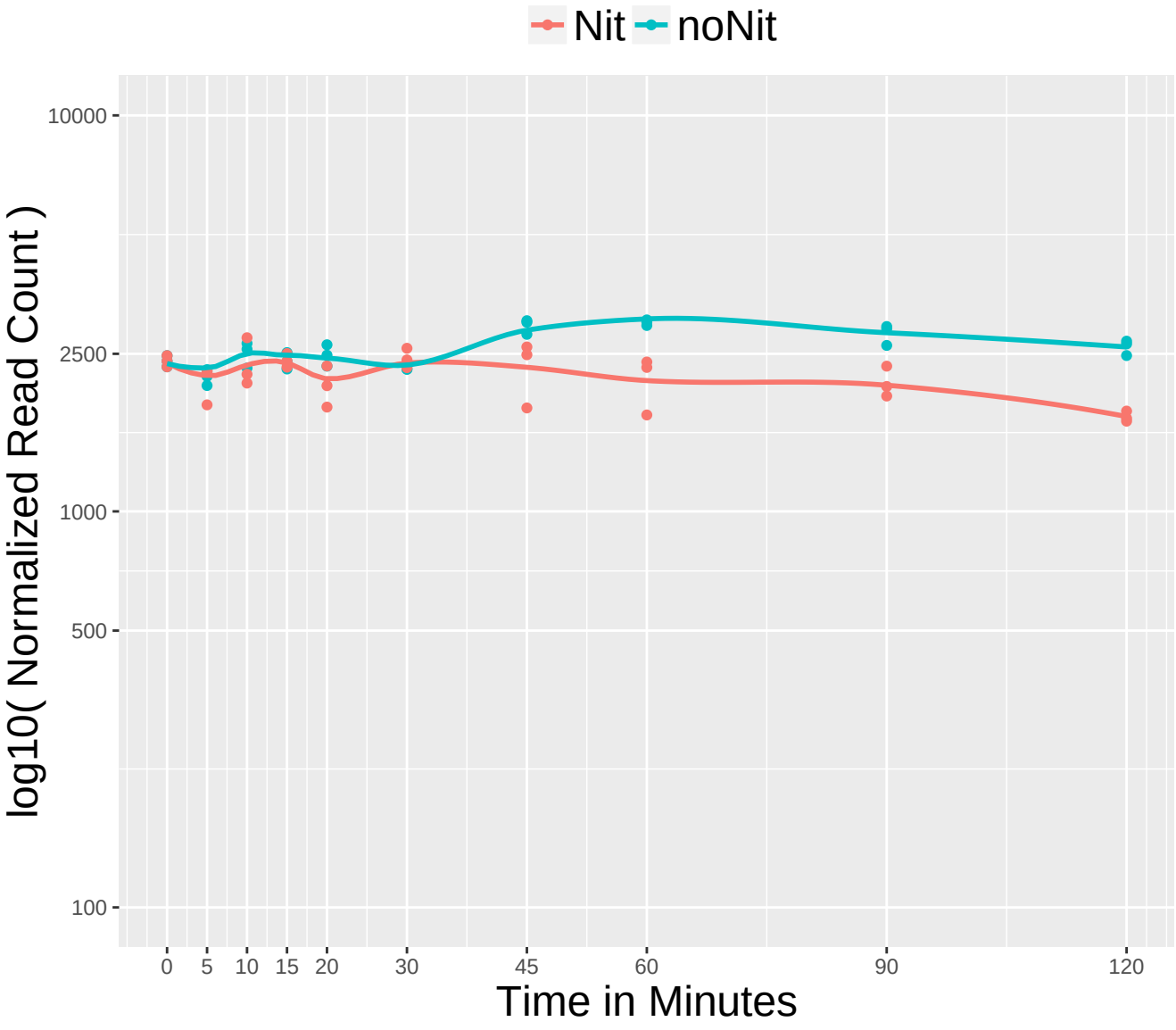
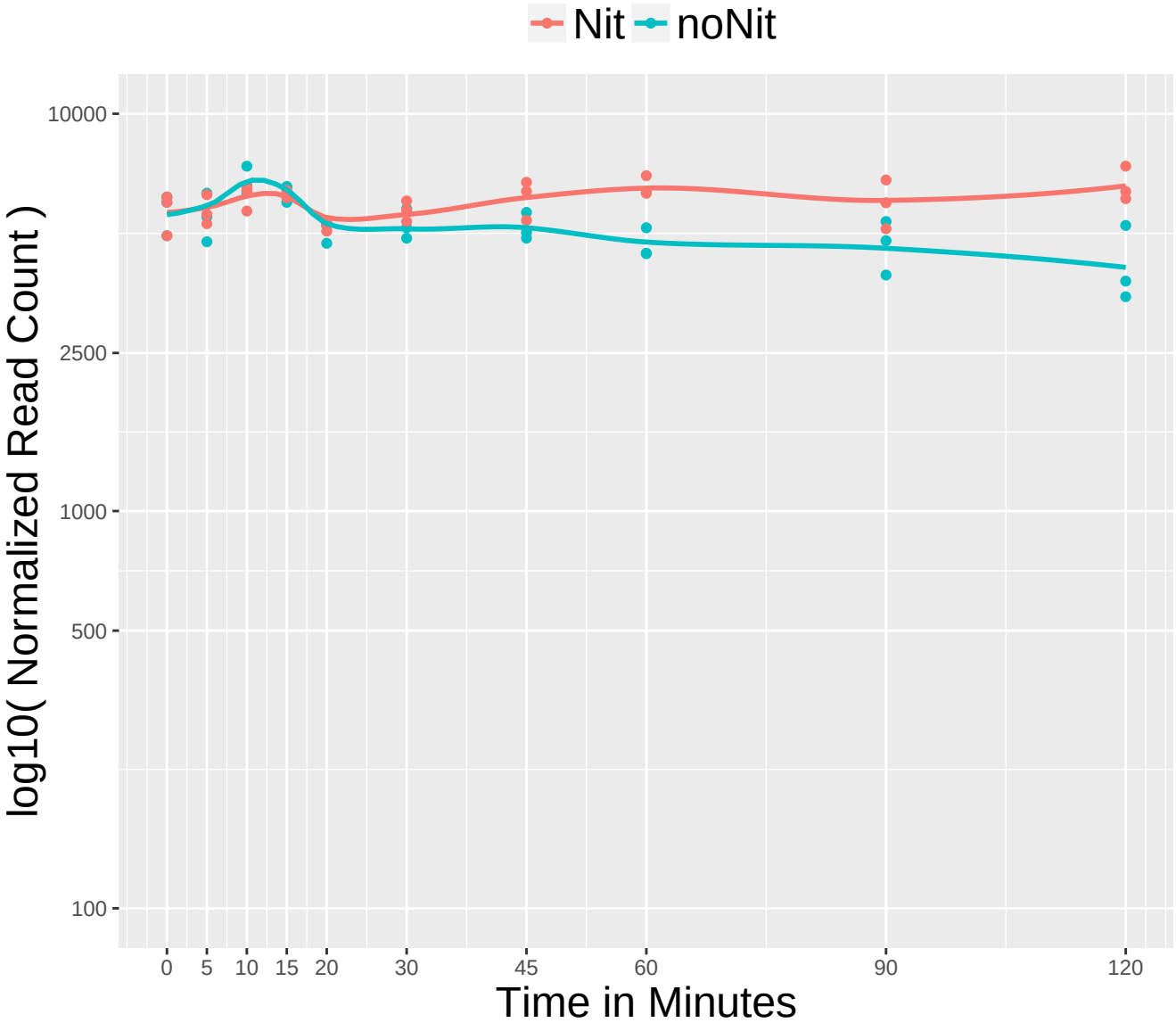
AtHAB2,,HAB2,homology



AT1G51060

HTA10,histone



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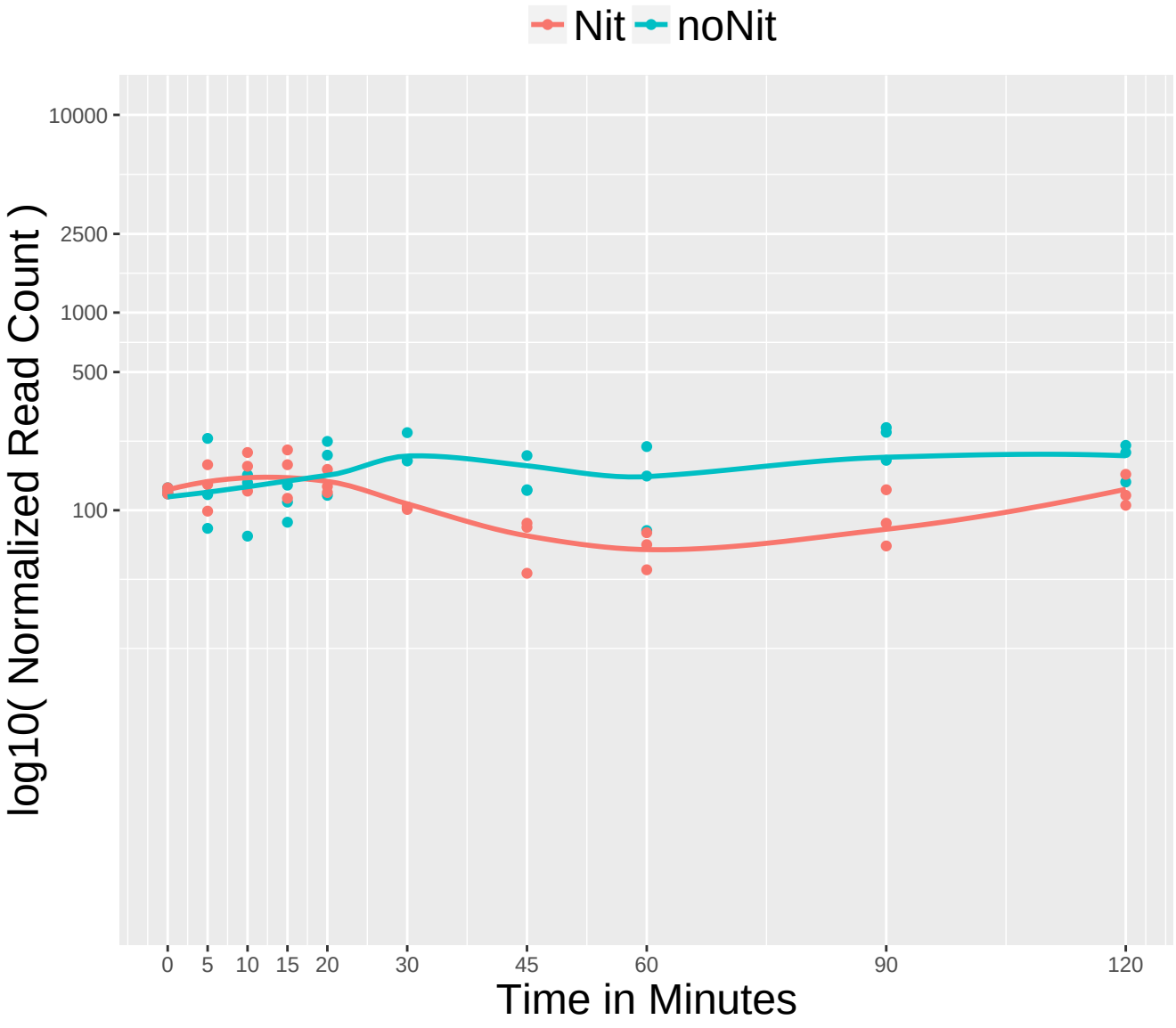
AtPPsPase1,pyrophosphate−specific



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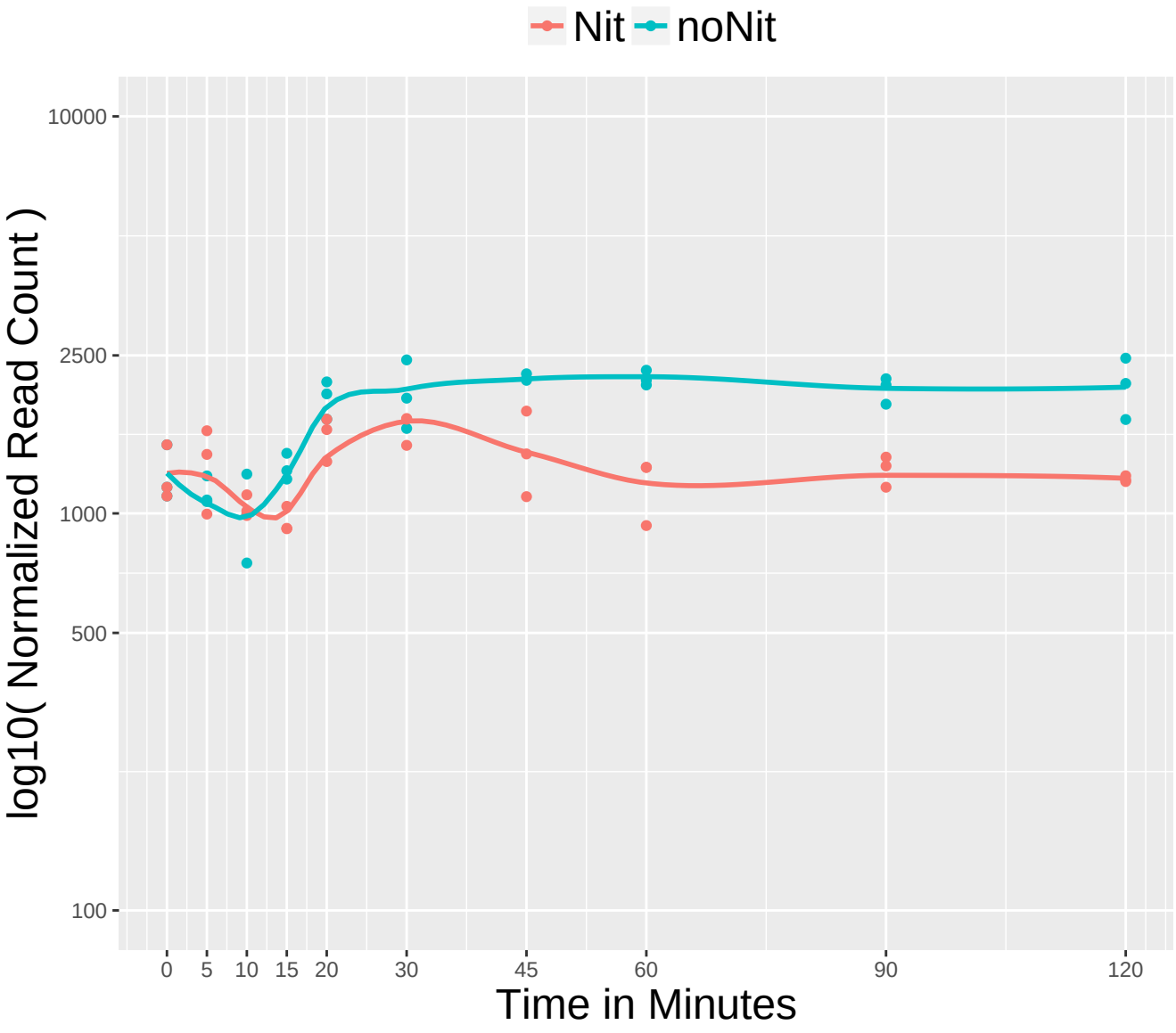
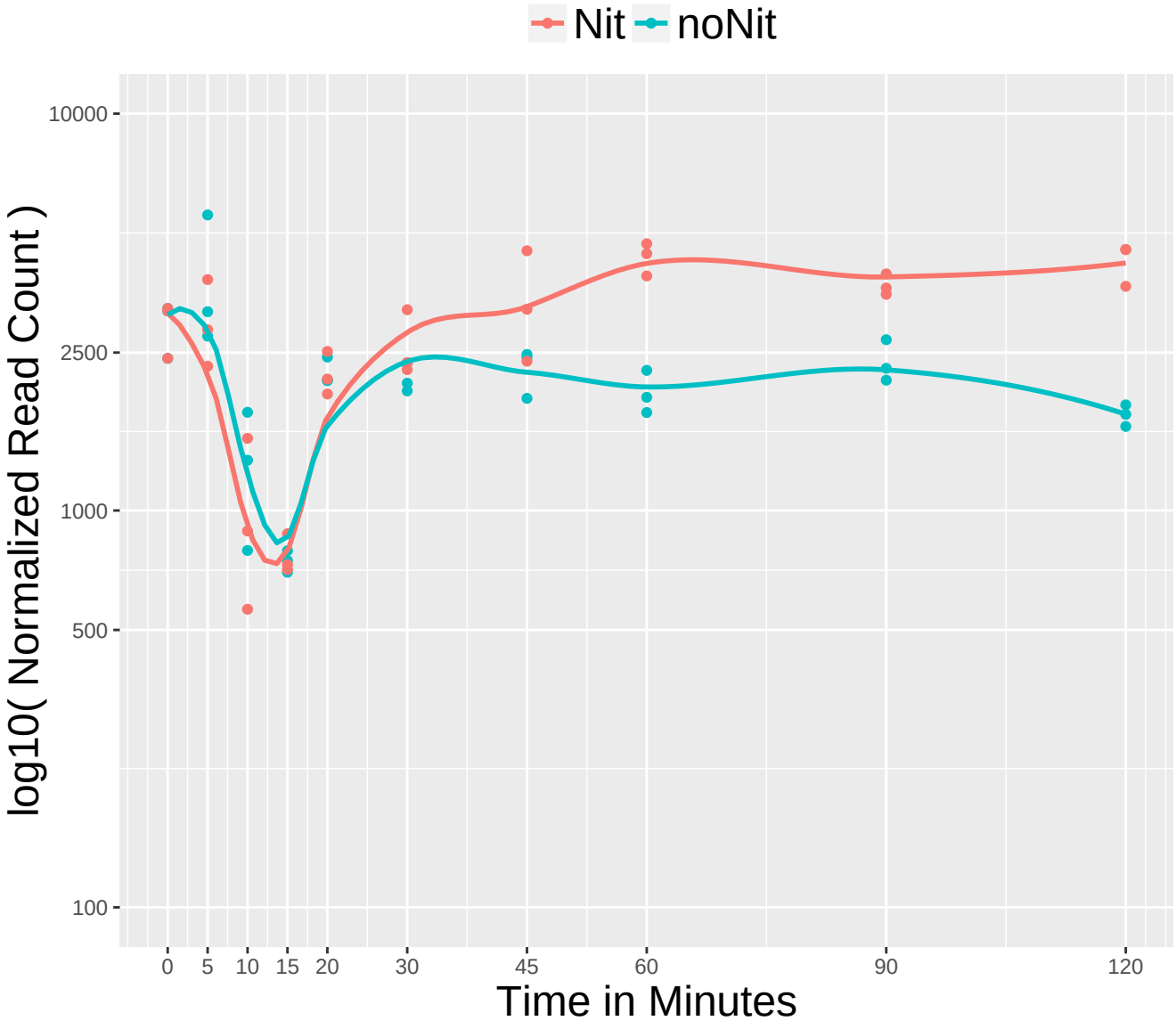
RFO1,RESISTANCE



AT2G46690

SAUR32,SMALL



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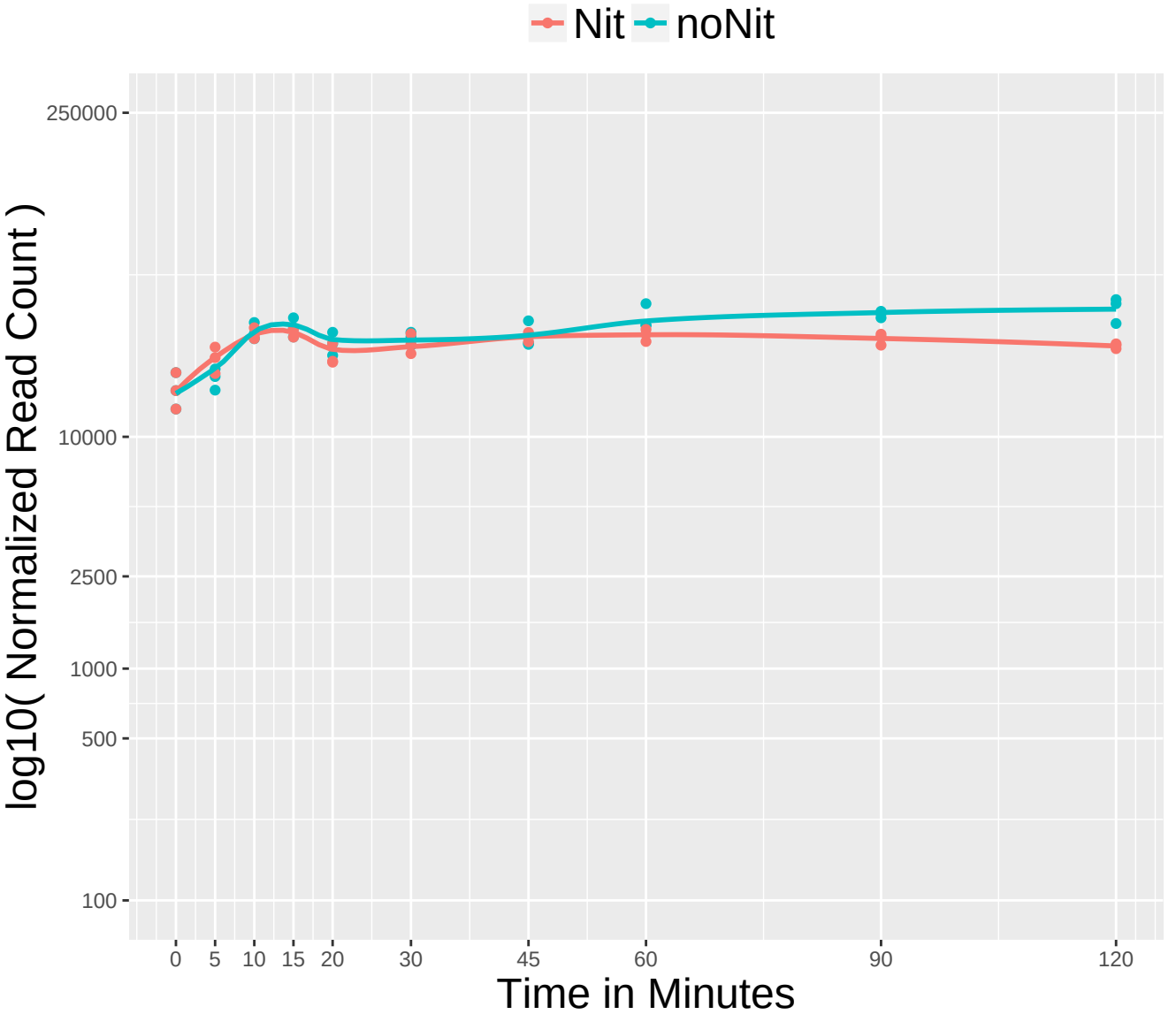
ATGSTF5,GLUTATHIONE



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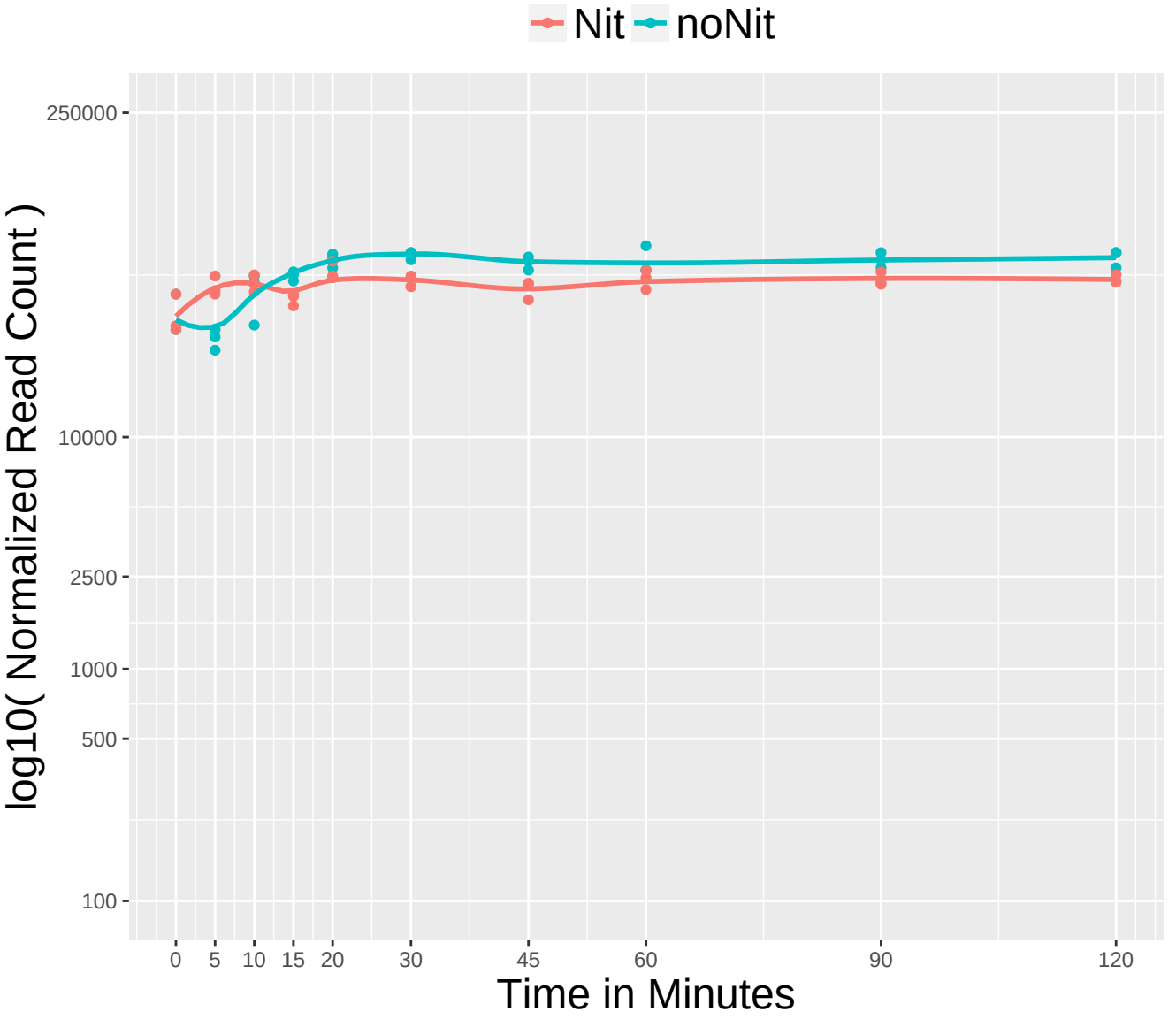
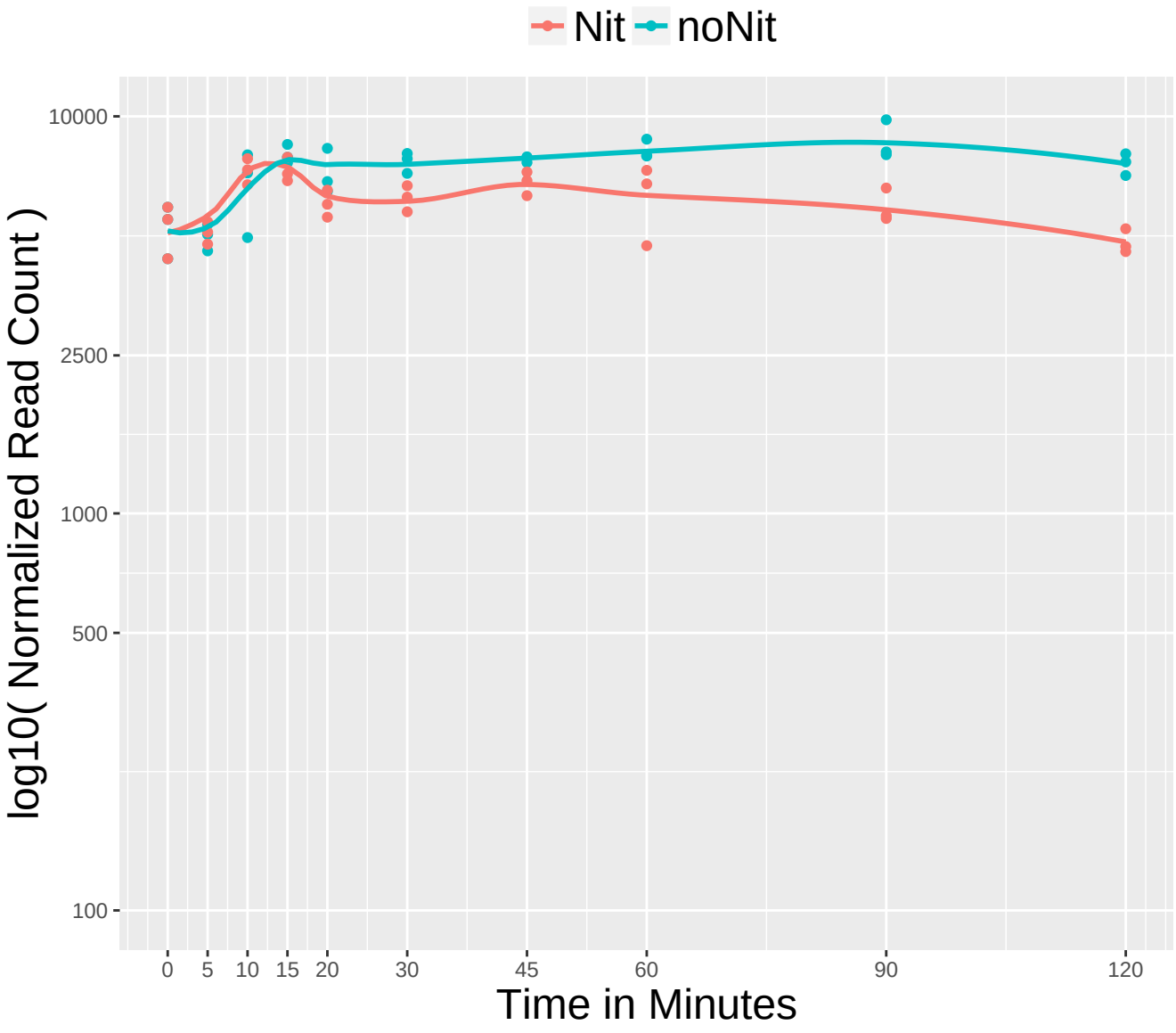
GAPC,GLYCERALDEHYDE−3−PHOSPHATE



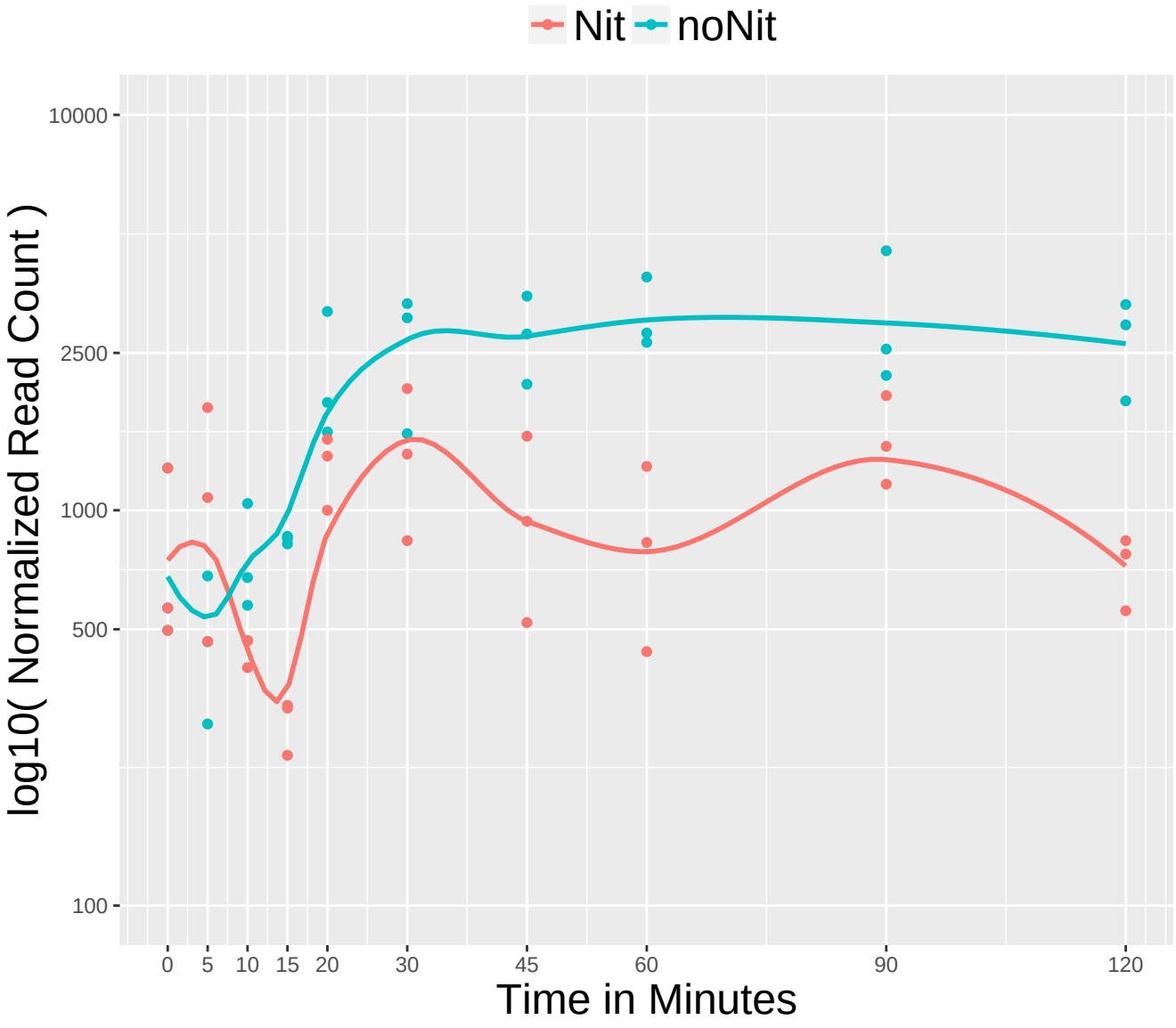
AT3G06650

ACLB−1,ATP−citrate



AT4G05200

CRK25,cysteine−rich



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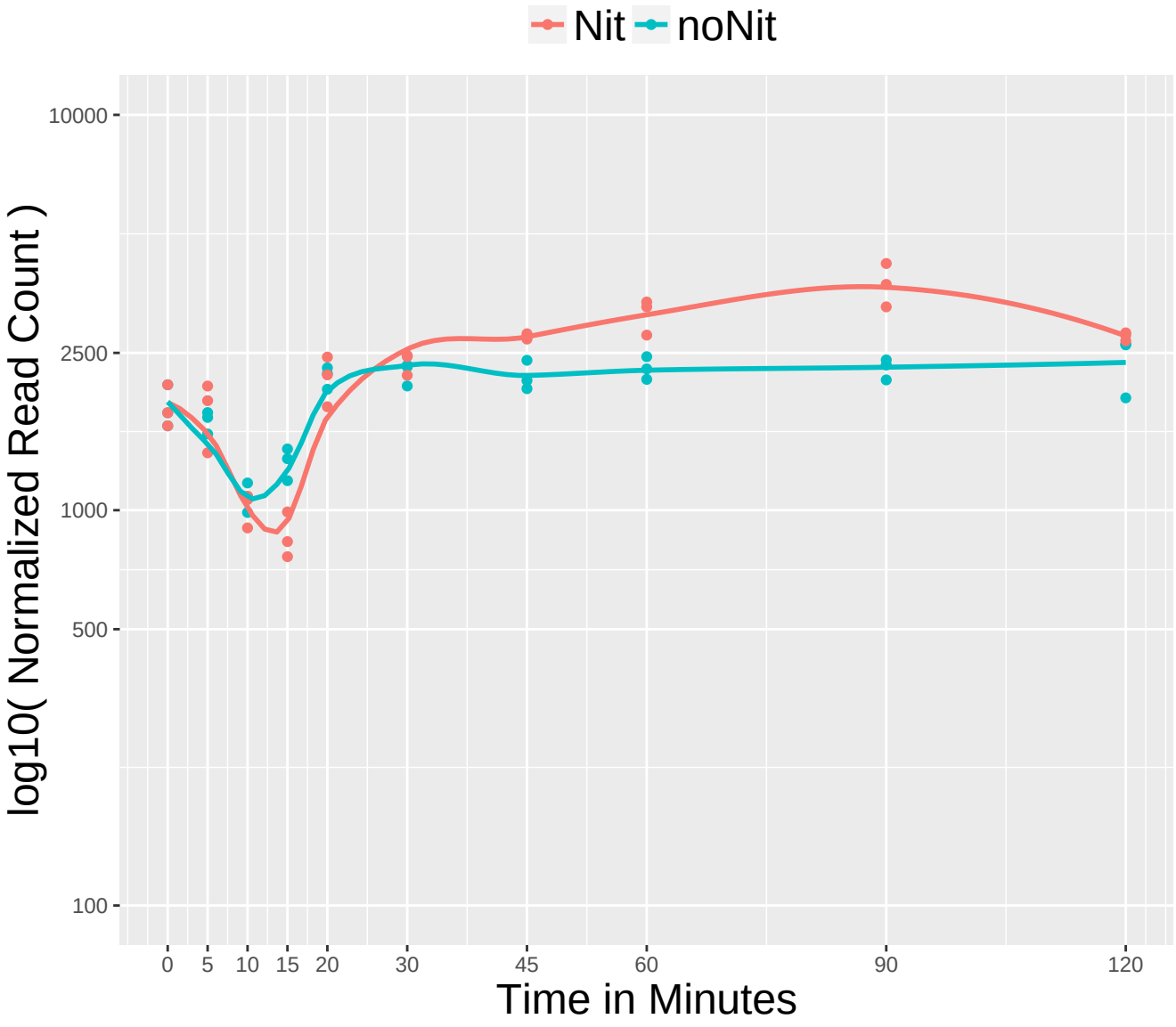
CRK29,cysteine−rich



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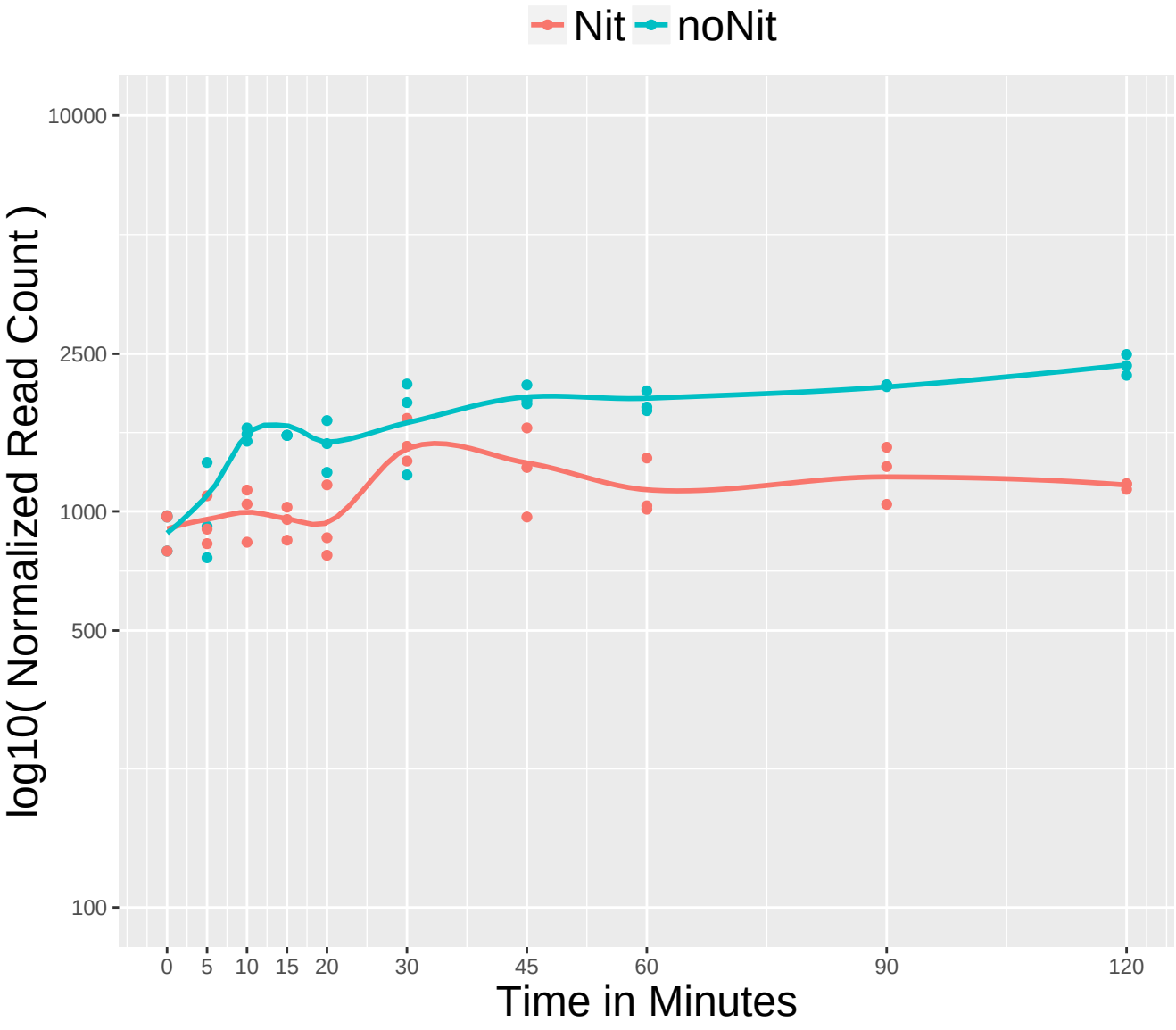
GGT3,gamma−glutamyl



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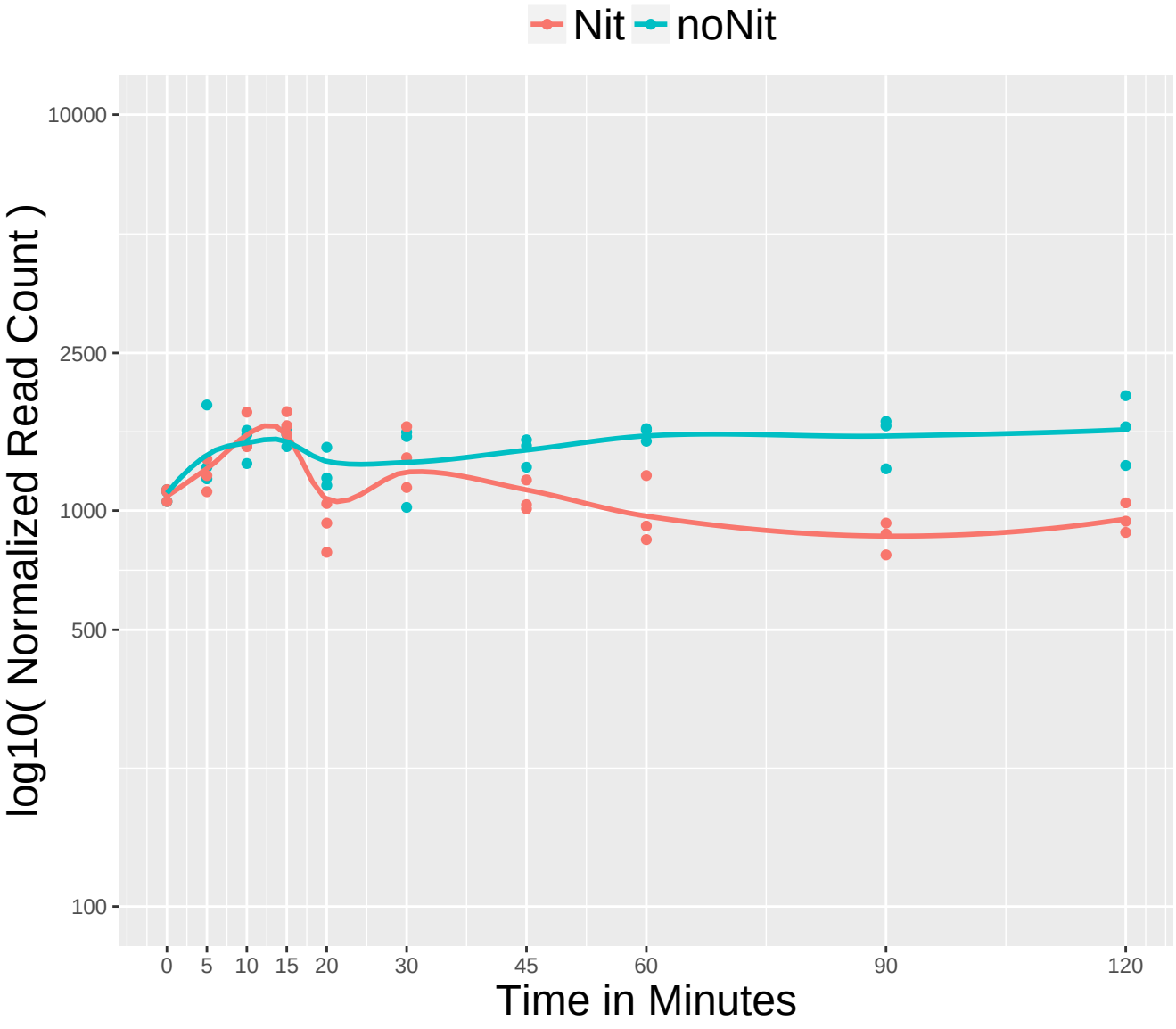
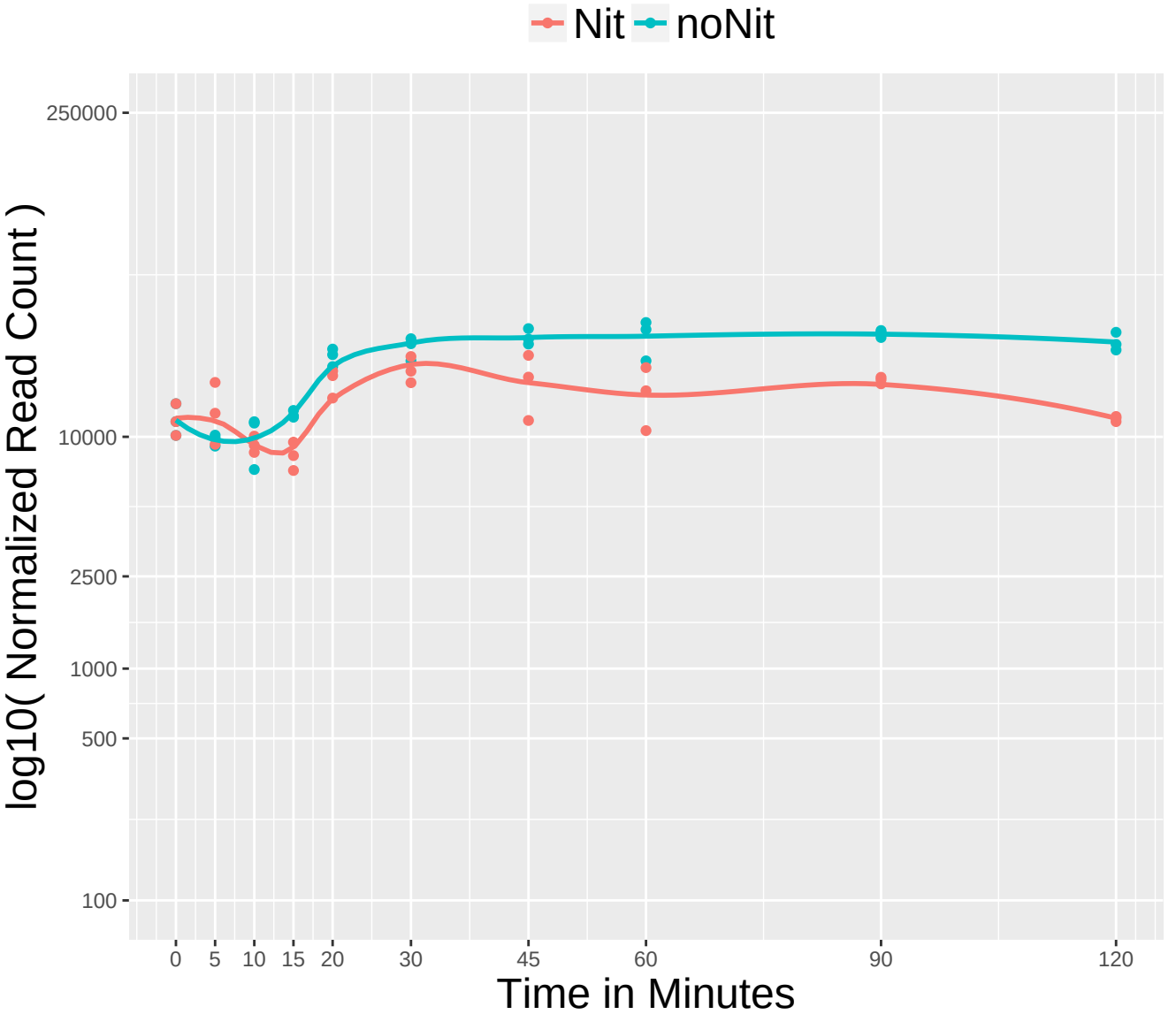
Arabidopsis



AT5G05170

ATCESA3,,ATH−B,,CESA3,CELLULOSE



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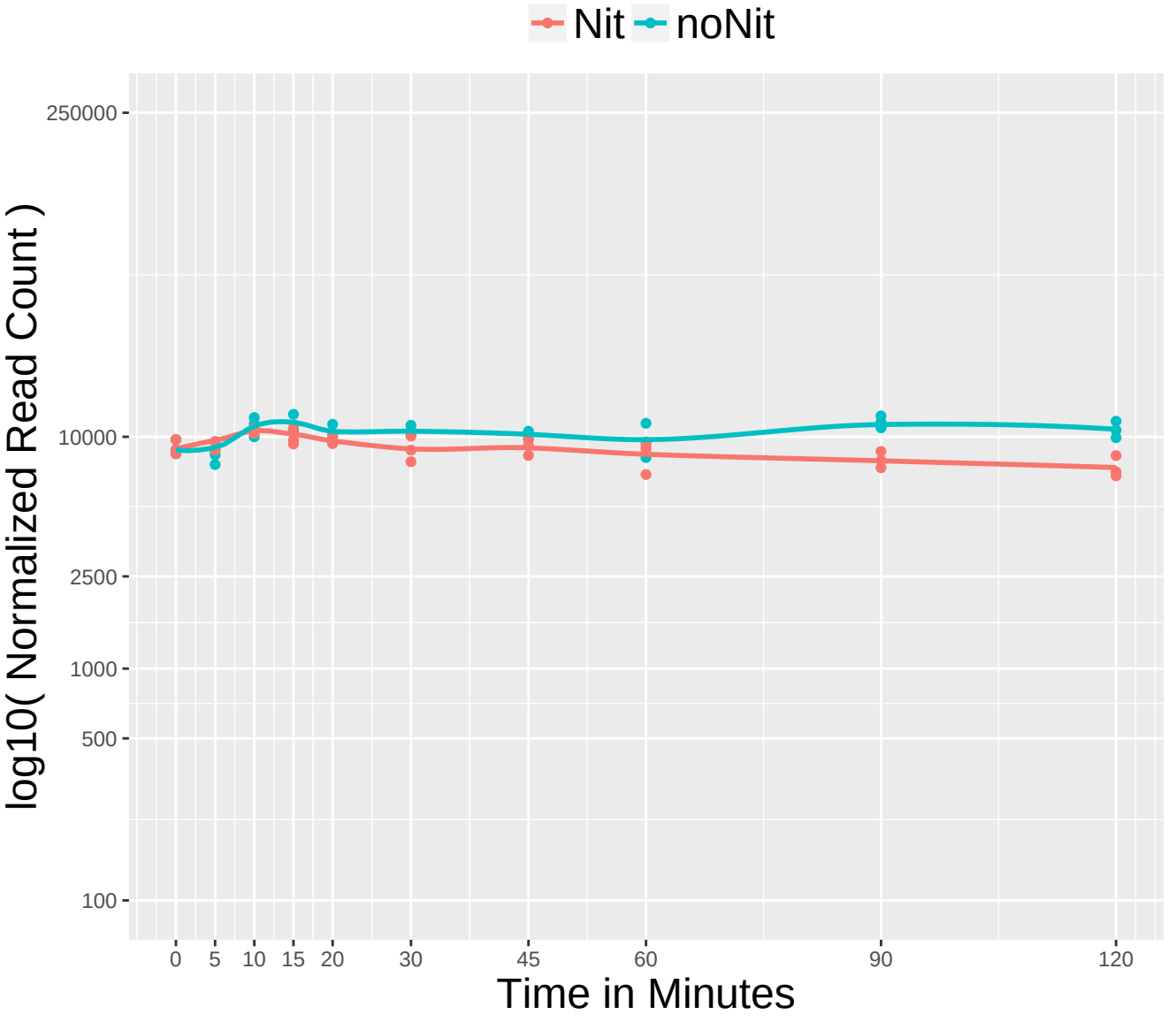
TUB6,beta−6



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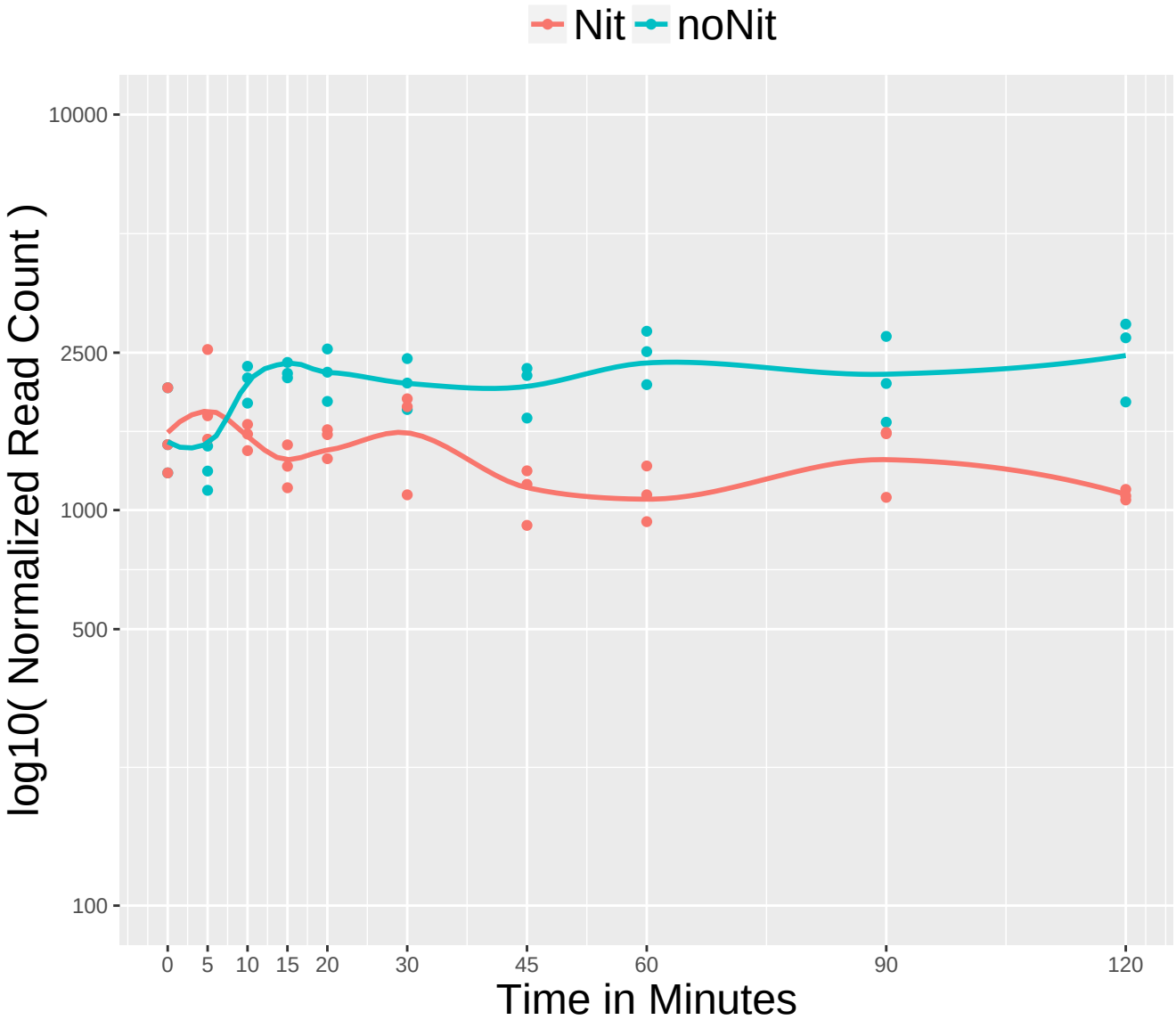
ANAC087,Arabidopsis



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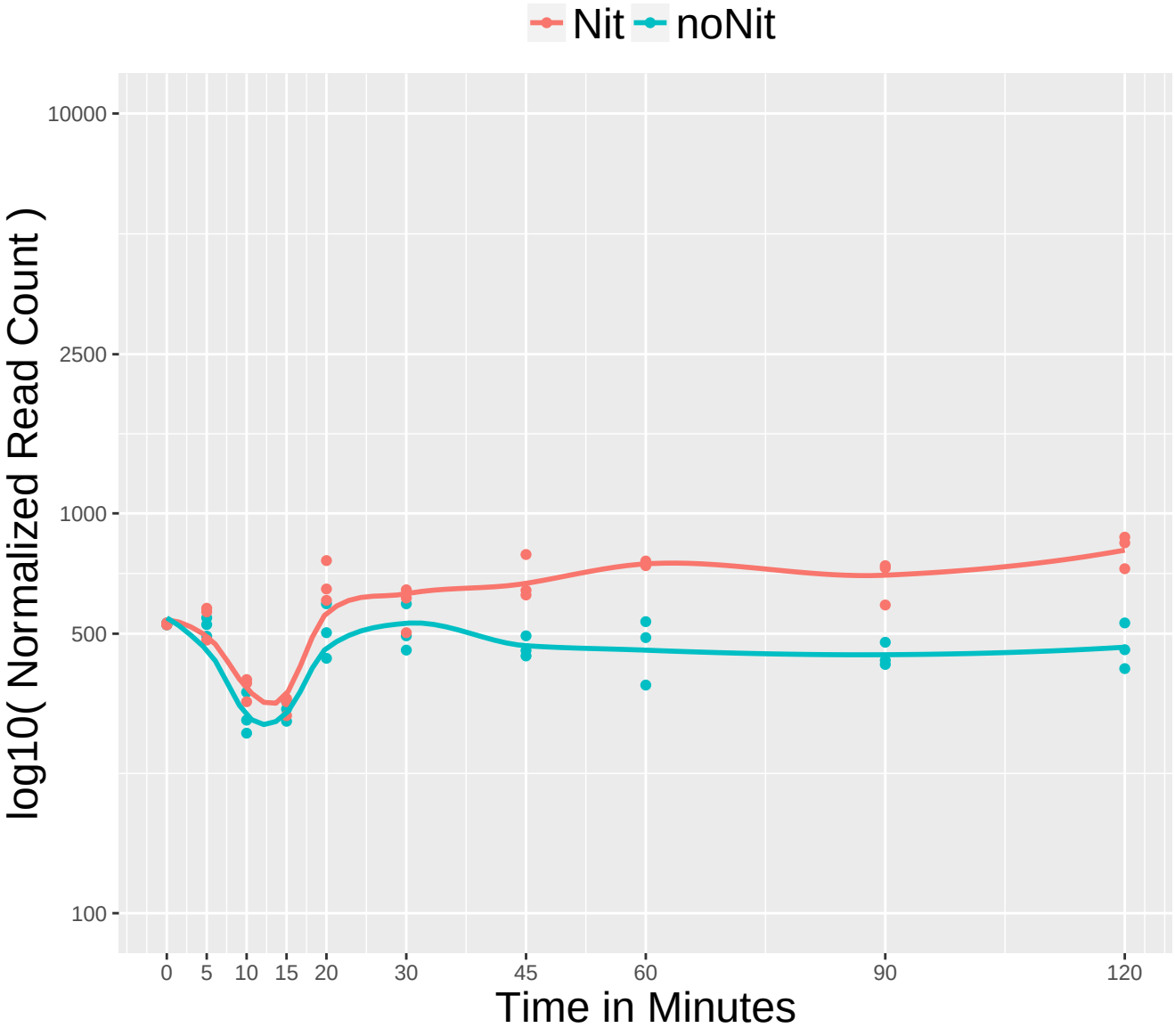

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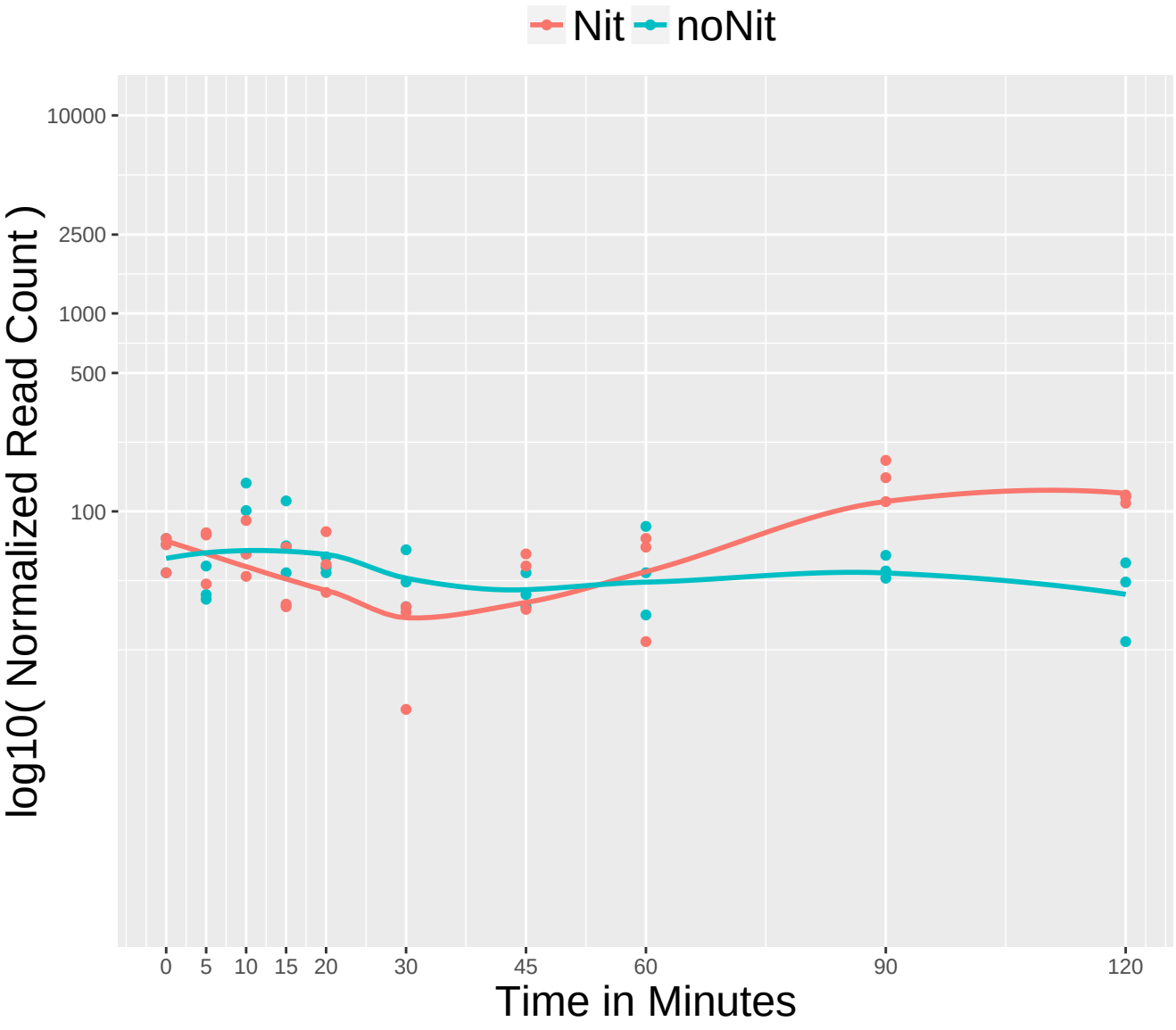
ABCG8,ATP−binding



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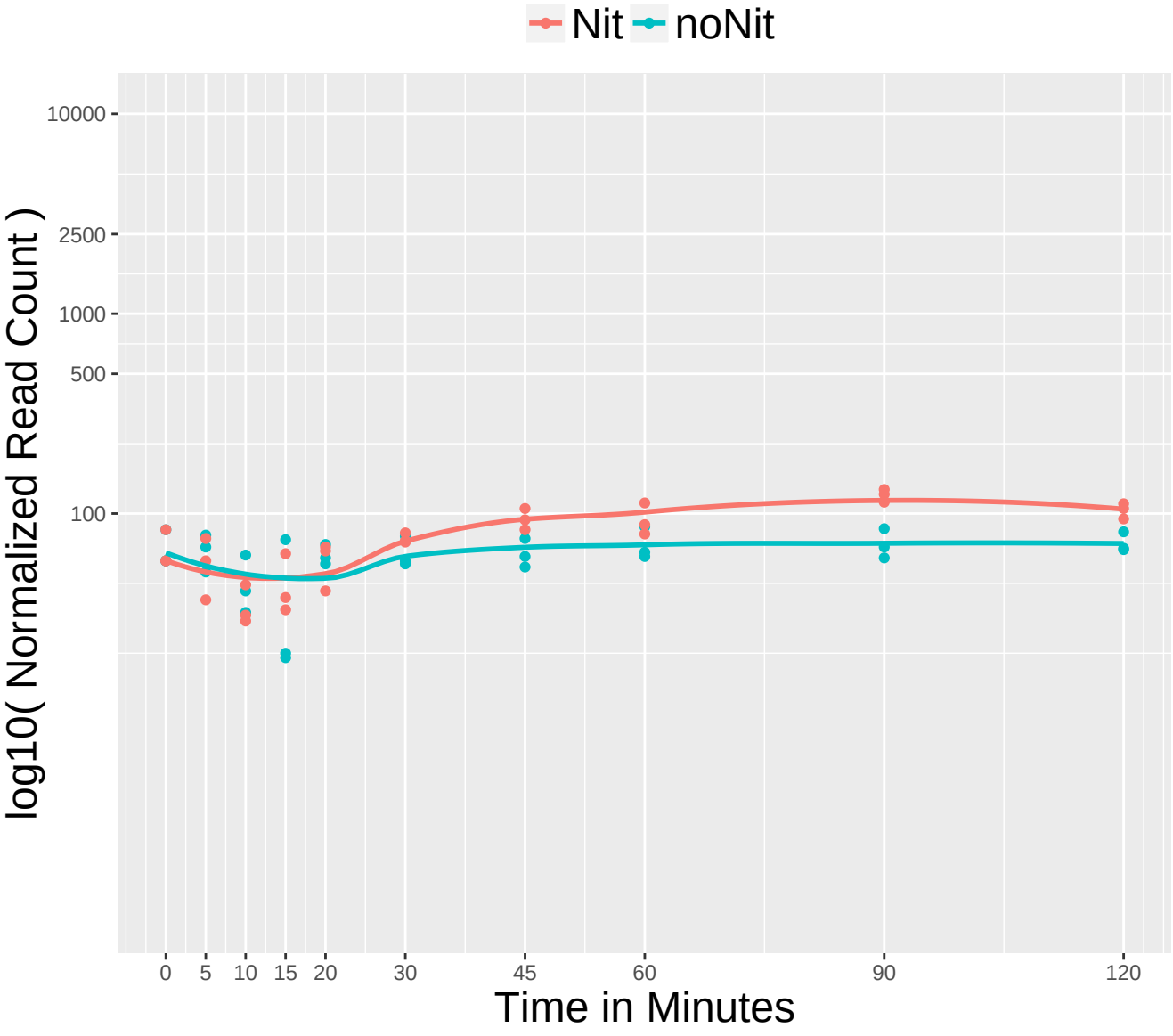
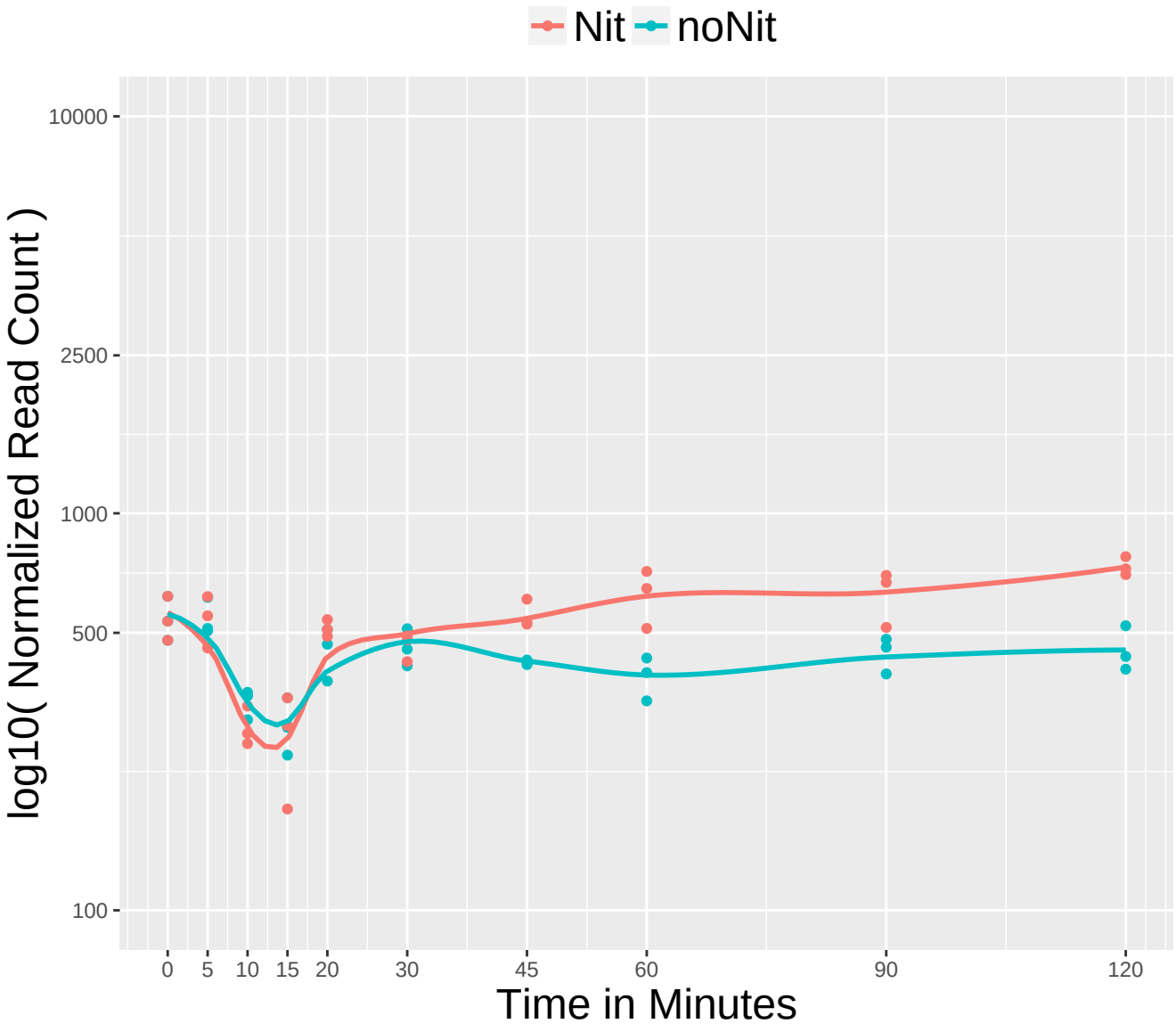
F−box



AT1G14410

ATWHY1,A.



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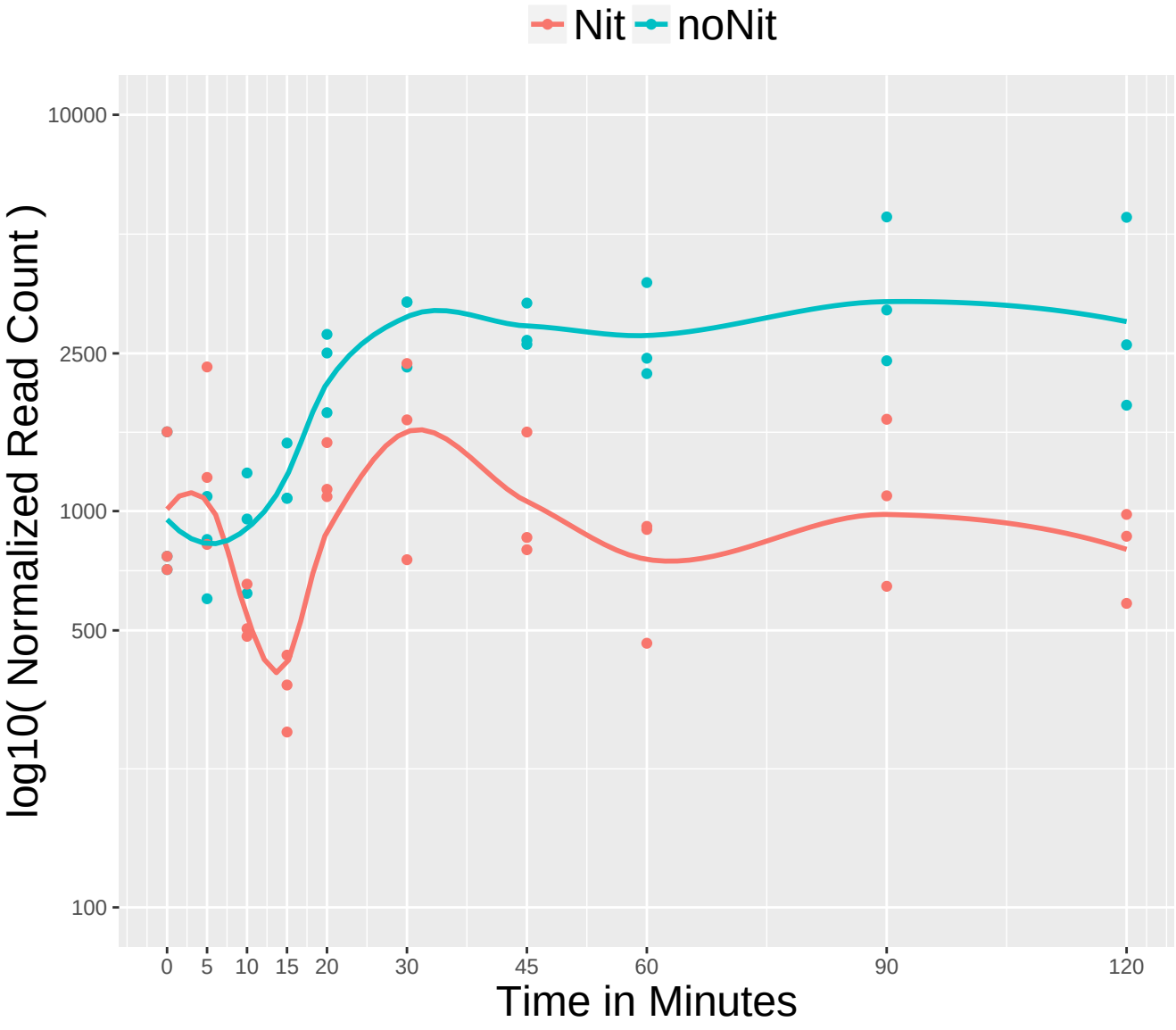
FMO1,flavin−dependent



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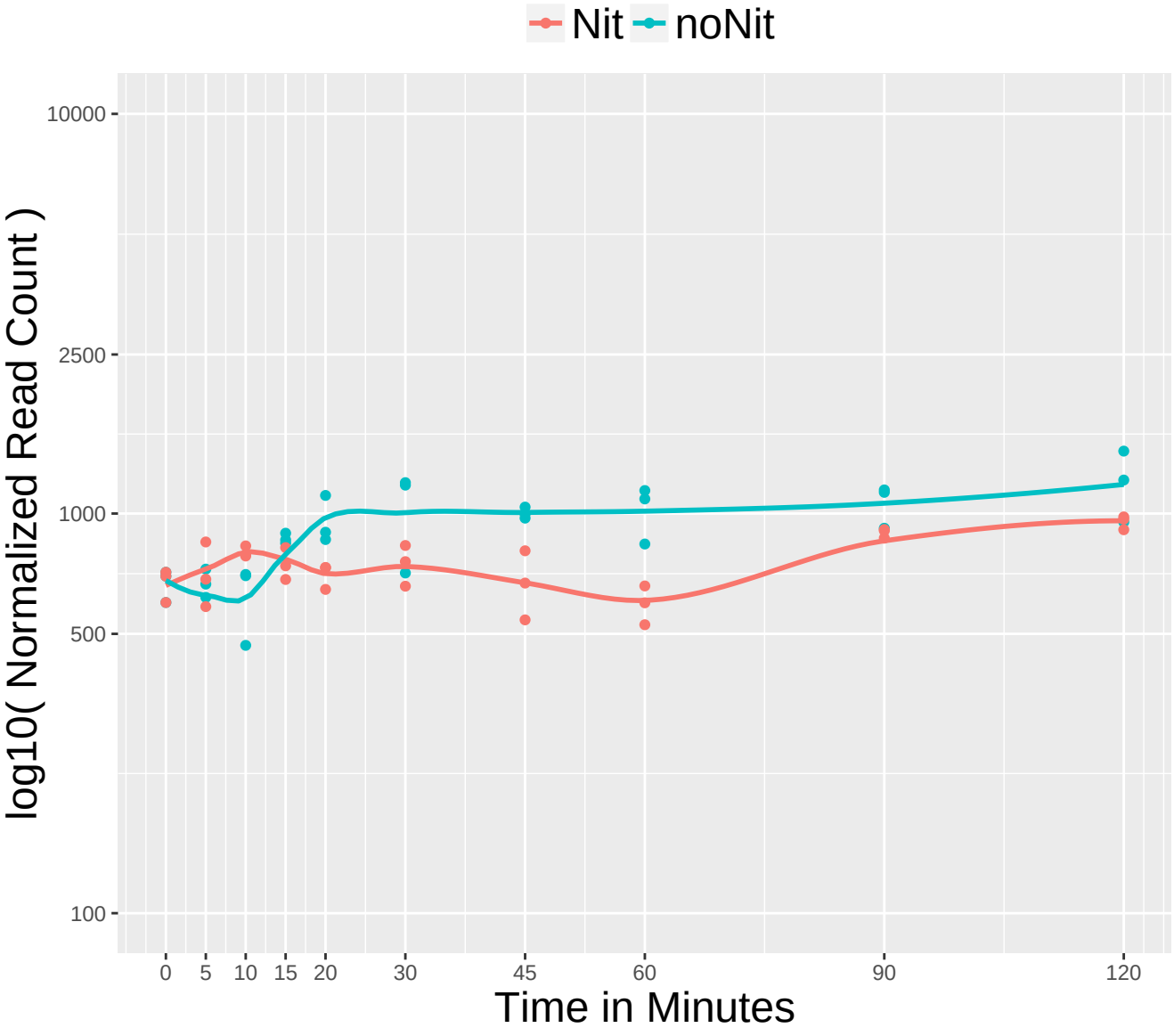

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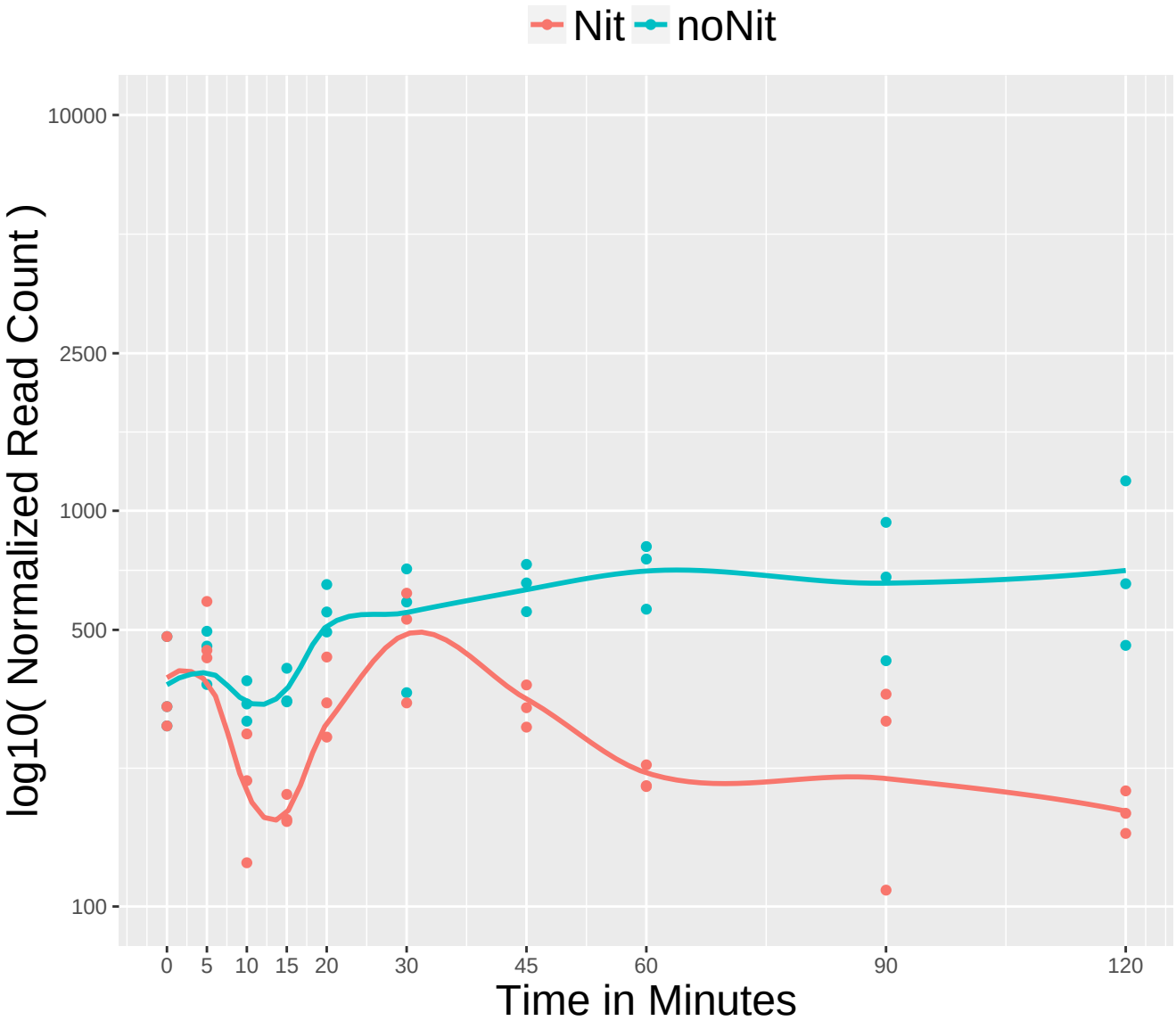

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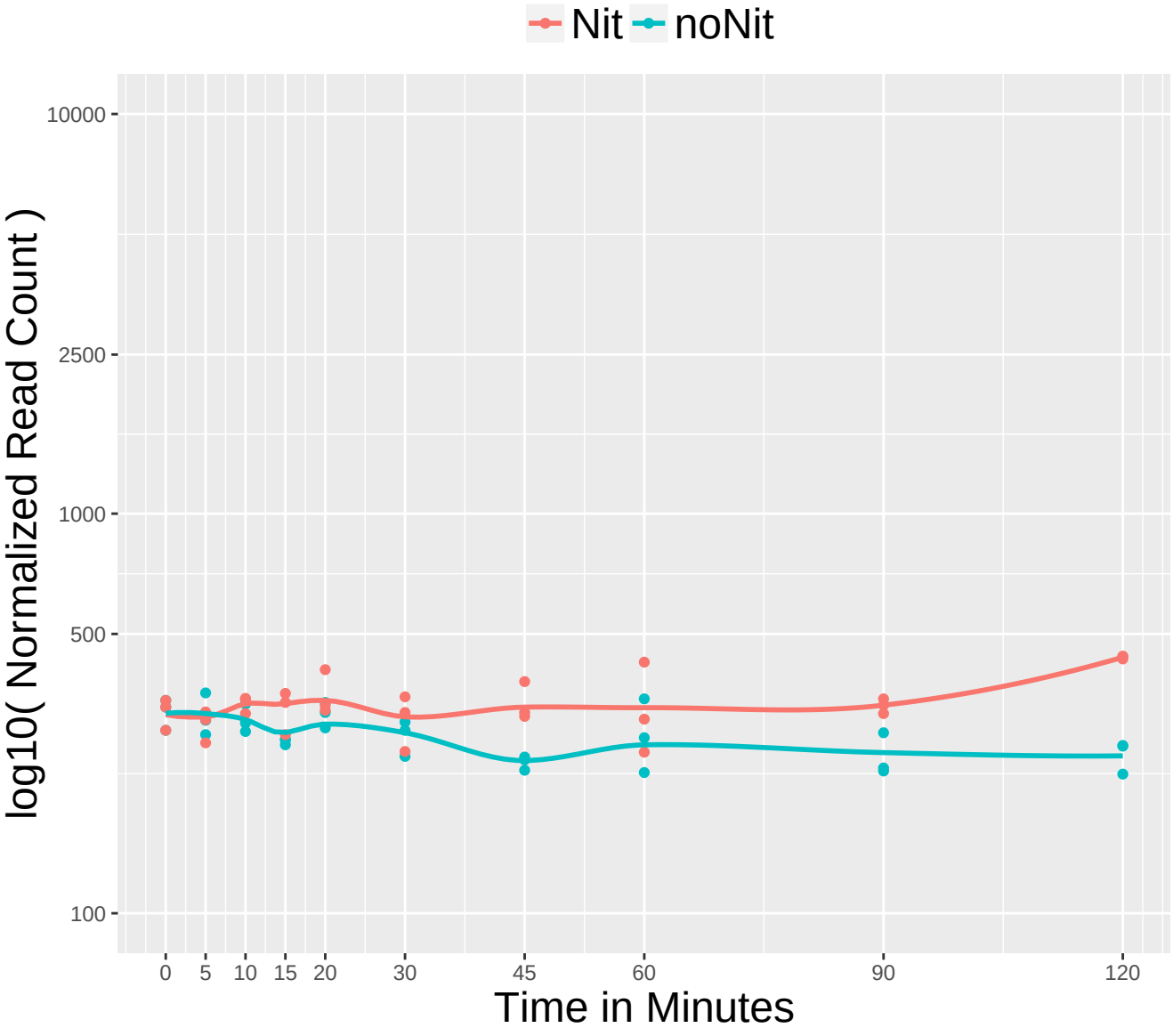
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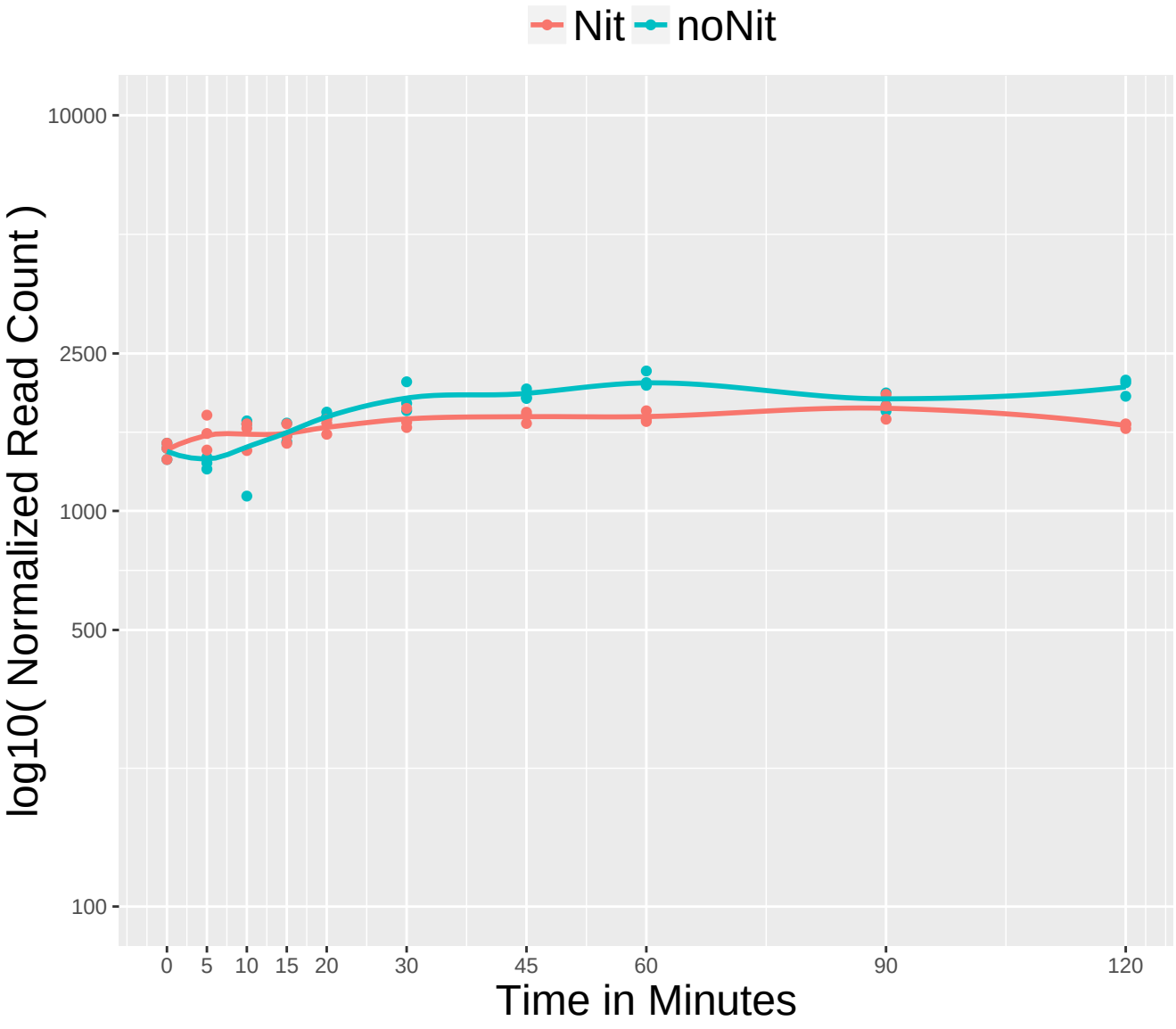
90
120
Time in Minutes

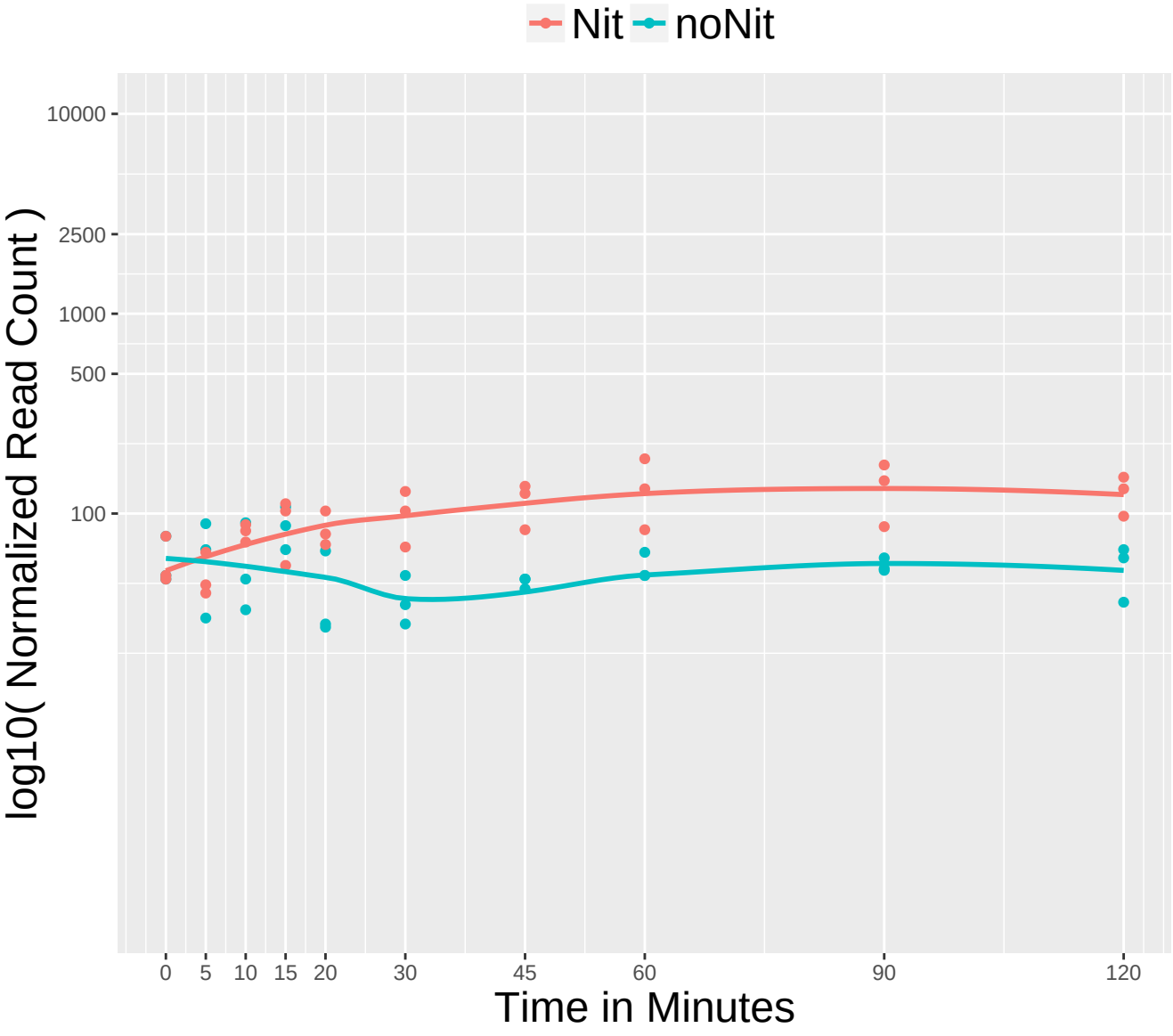
AT1G54170

CID3,CTC−interacting



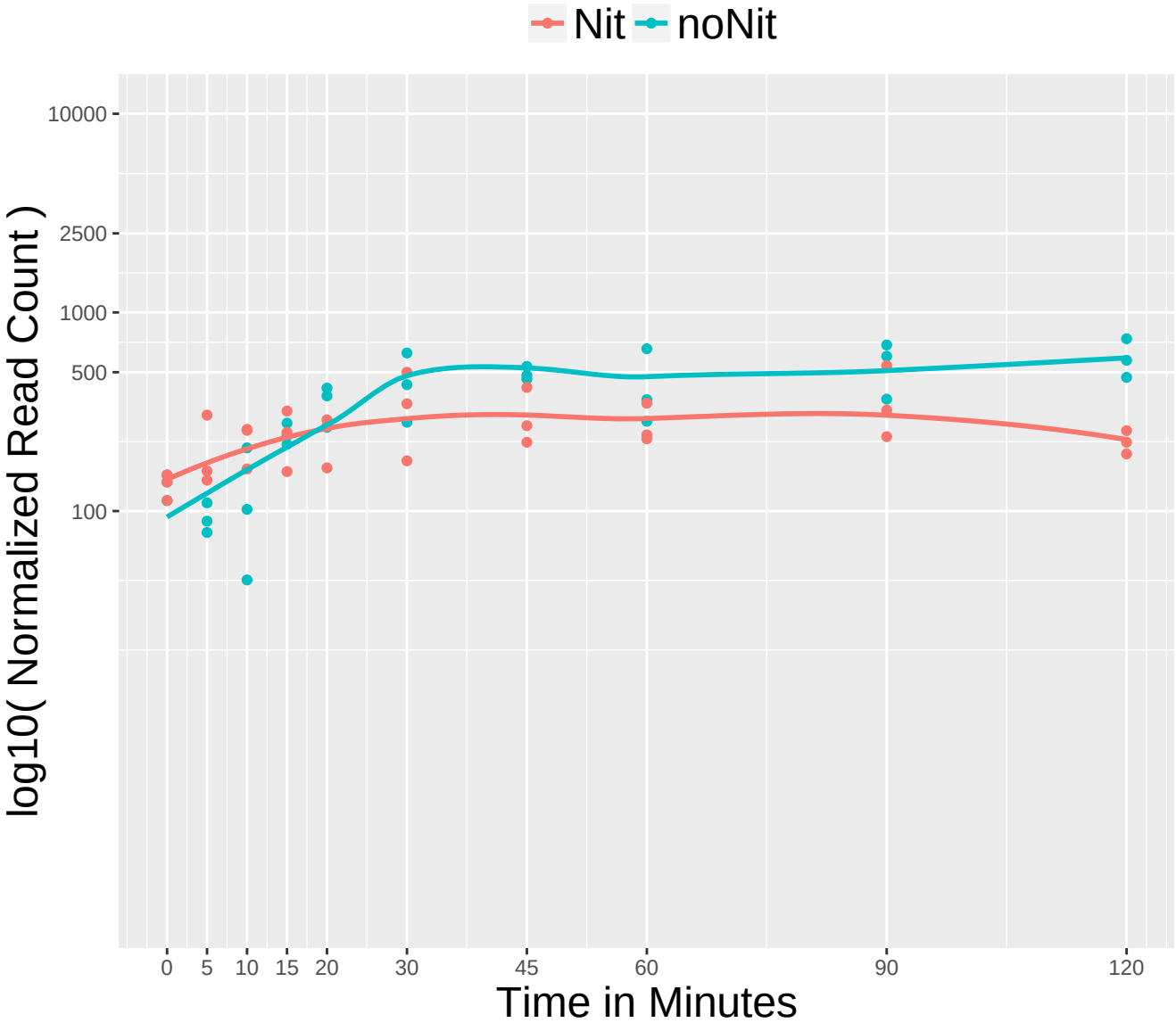
AT1G66610

TRAF−like



AT2G15370

ATFUT5,ARABIDOPSIS



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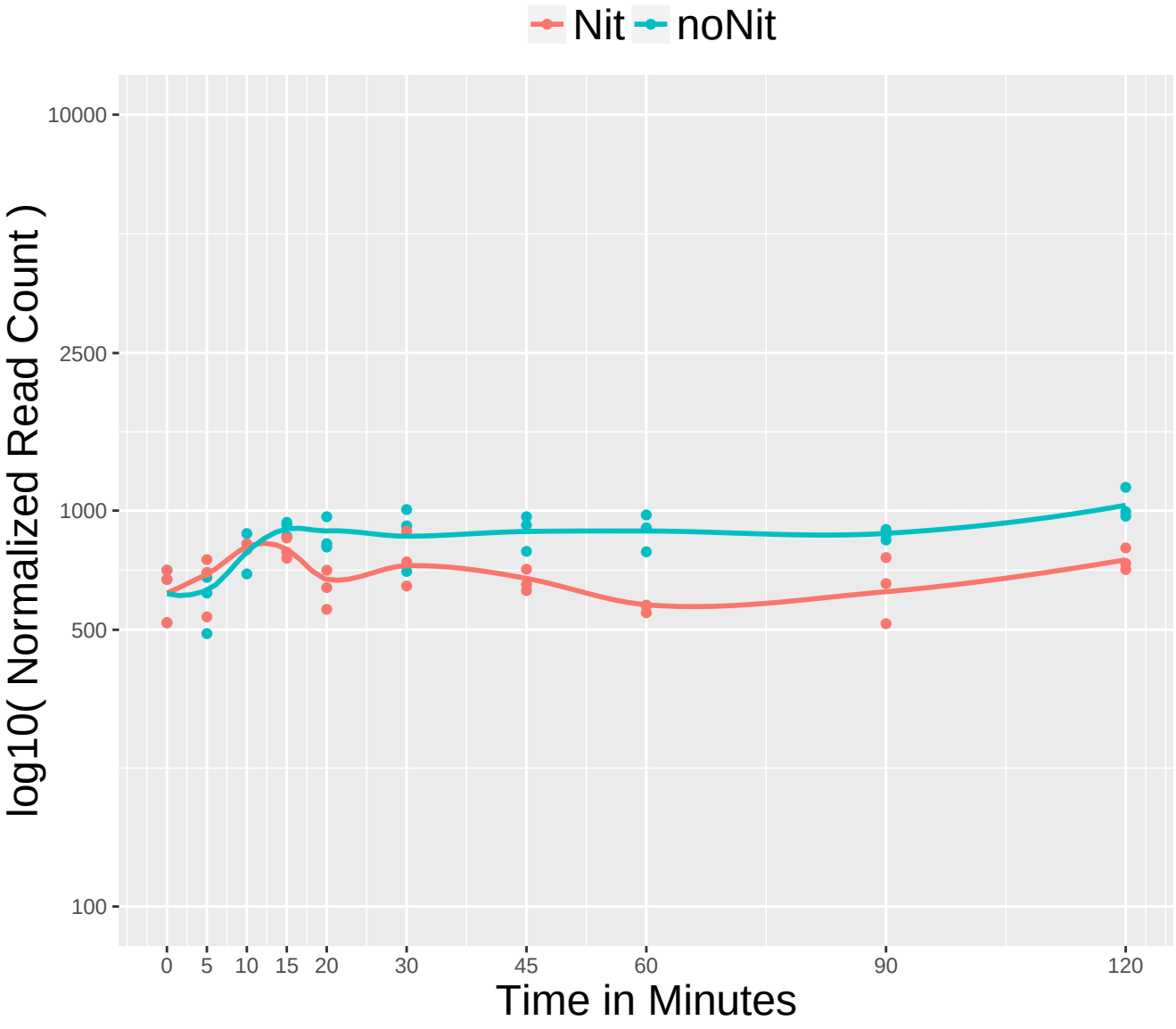
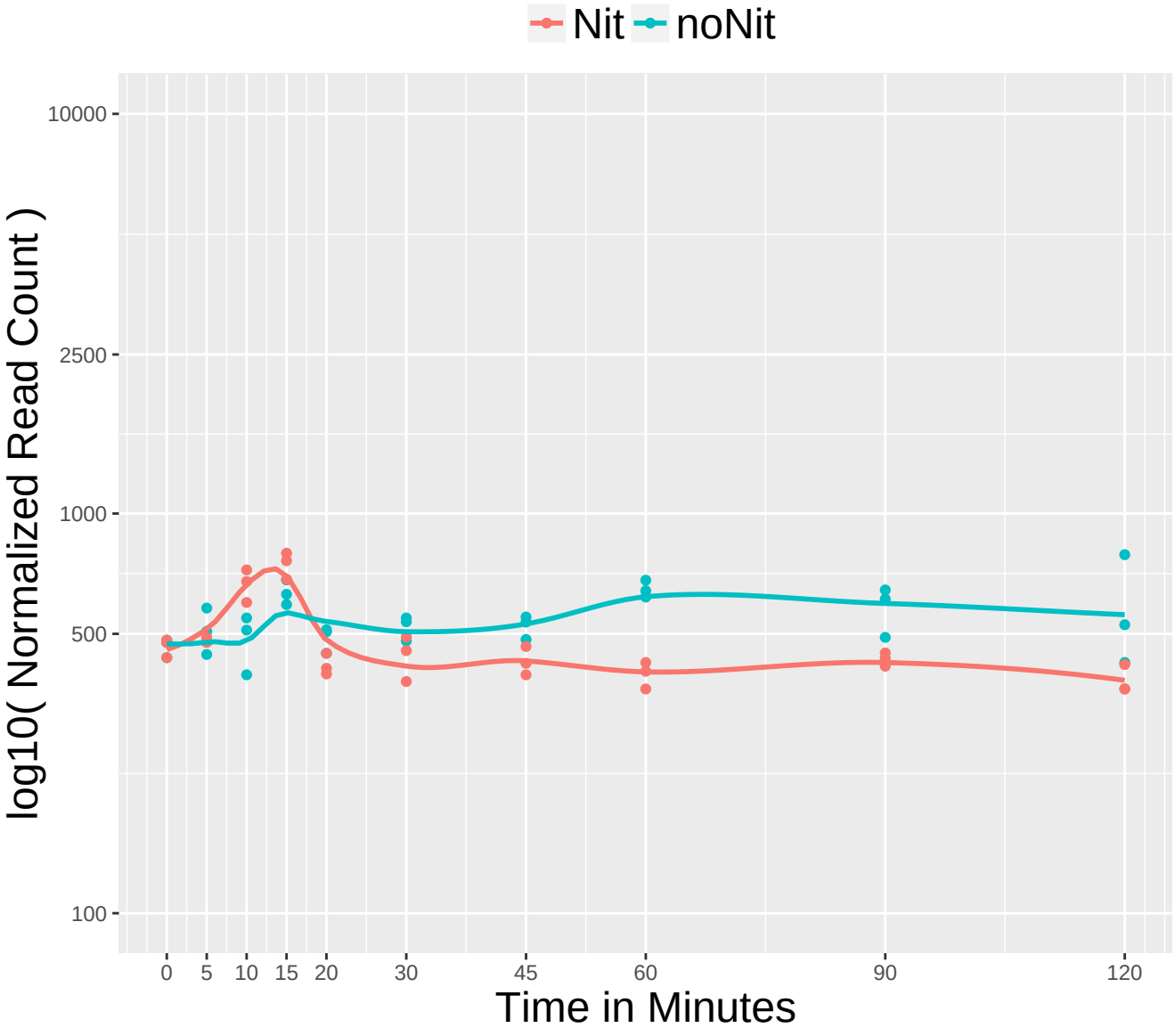
ATPAP10,,PAP10,purple



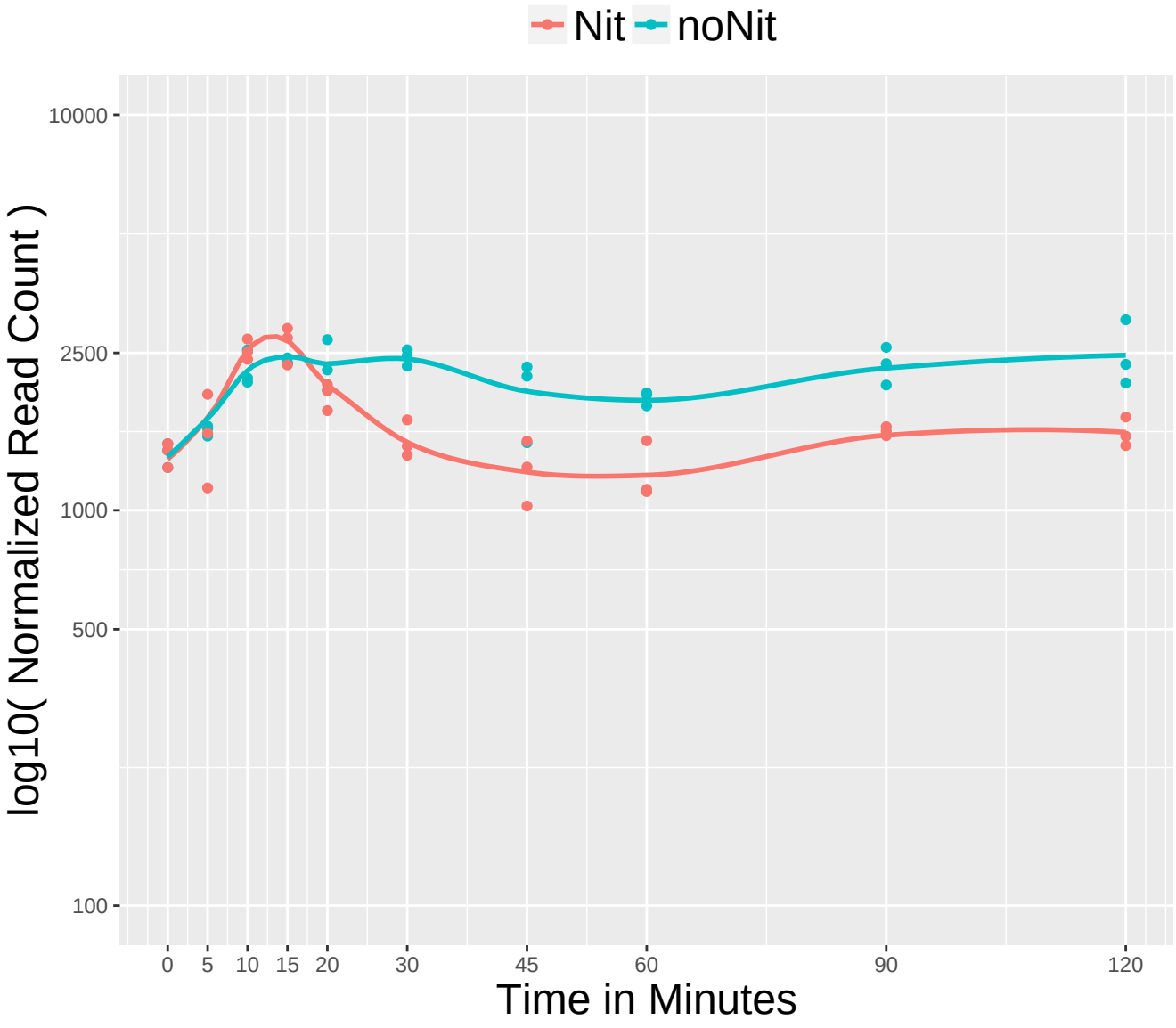
AT2G41835

zinc



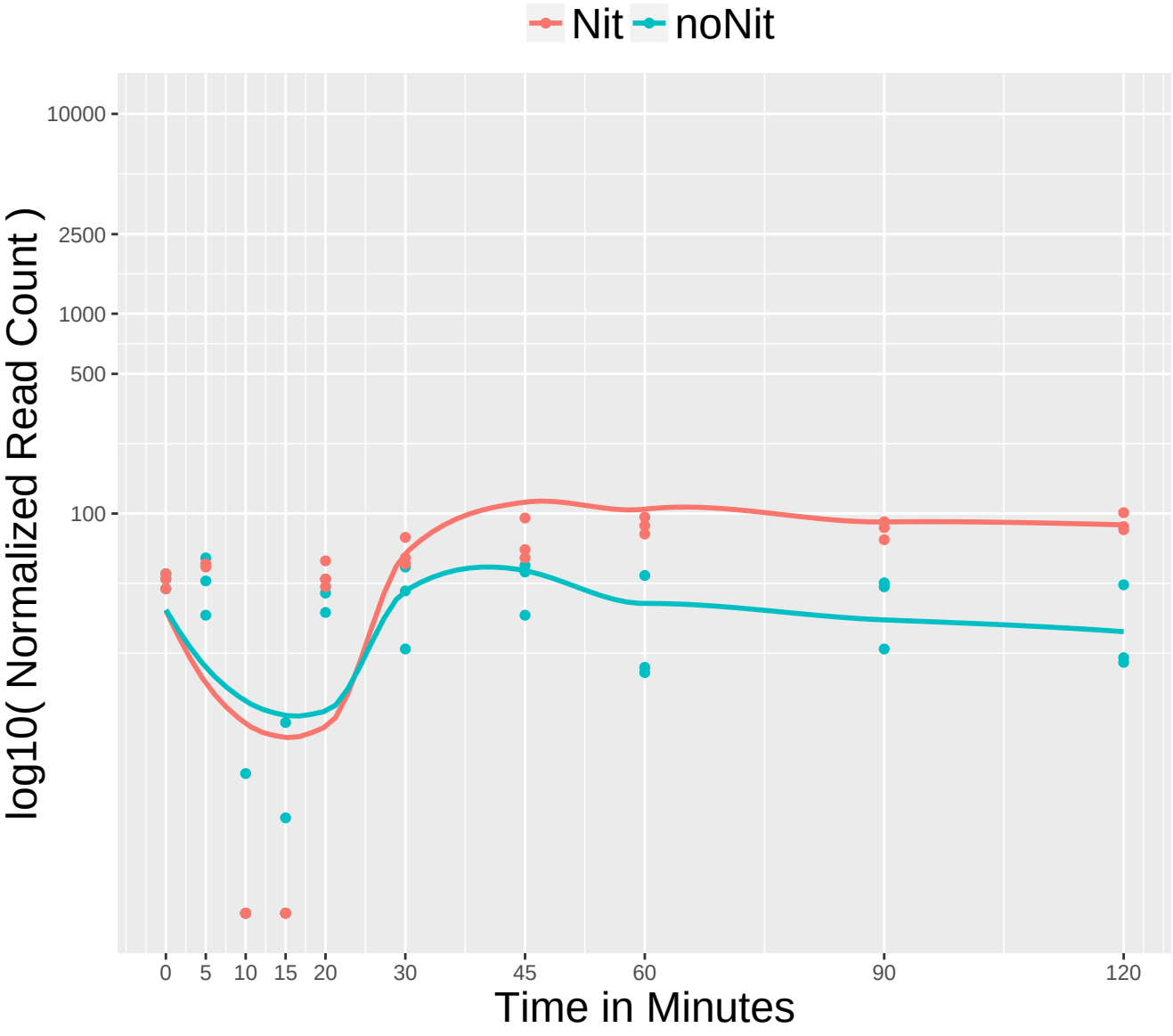
AT3G28180

ATCSLC04,Cellulose−synthase−like



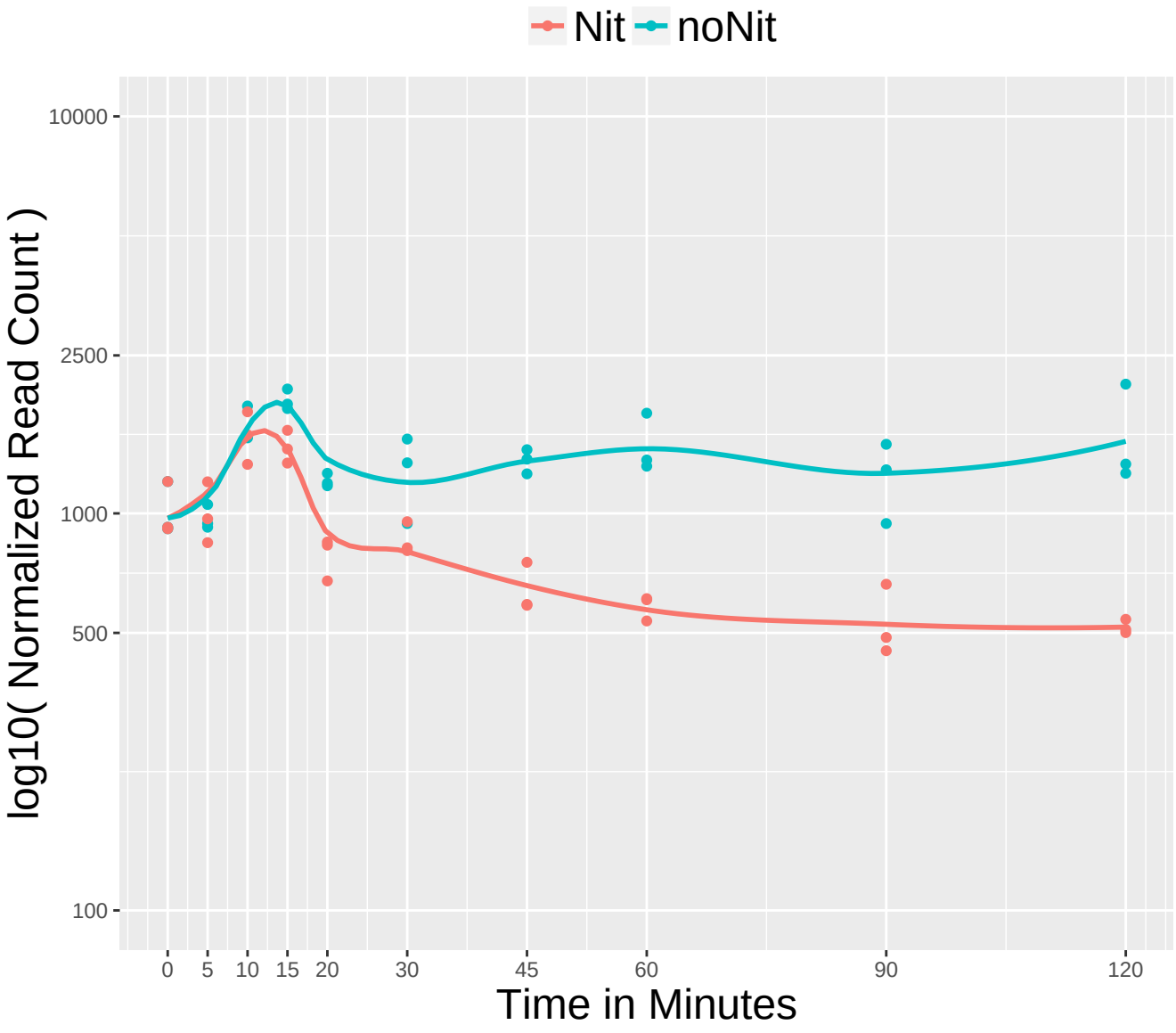
AT3G47342

snoRNA



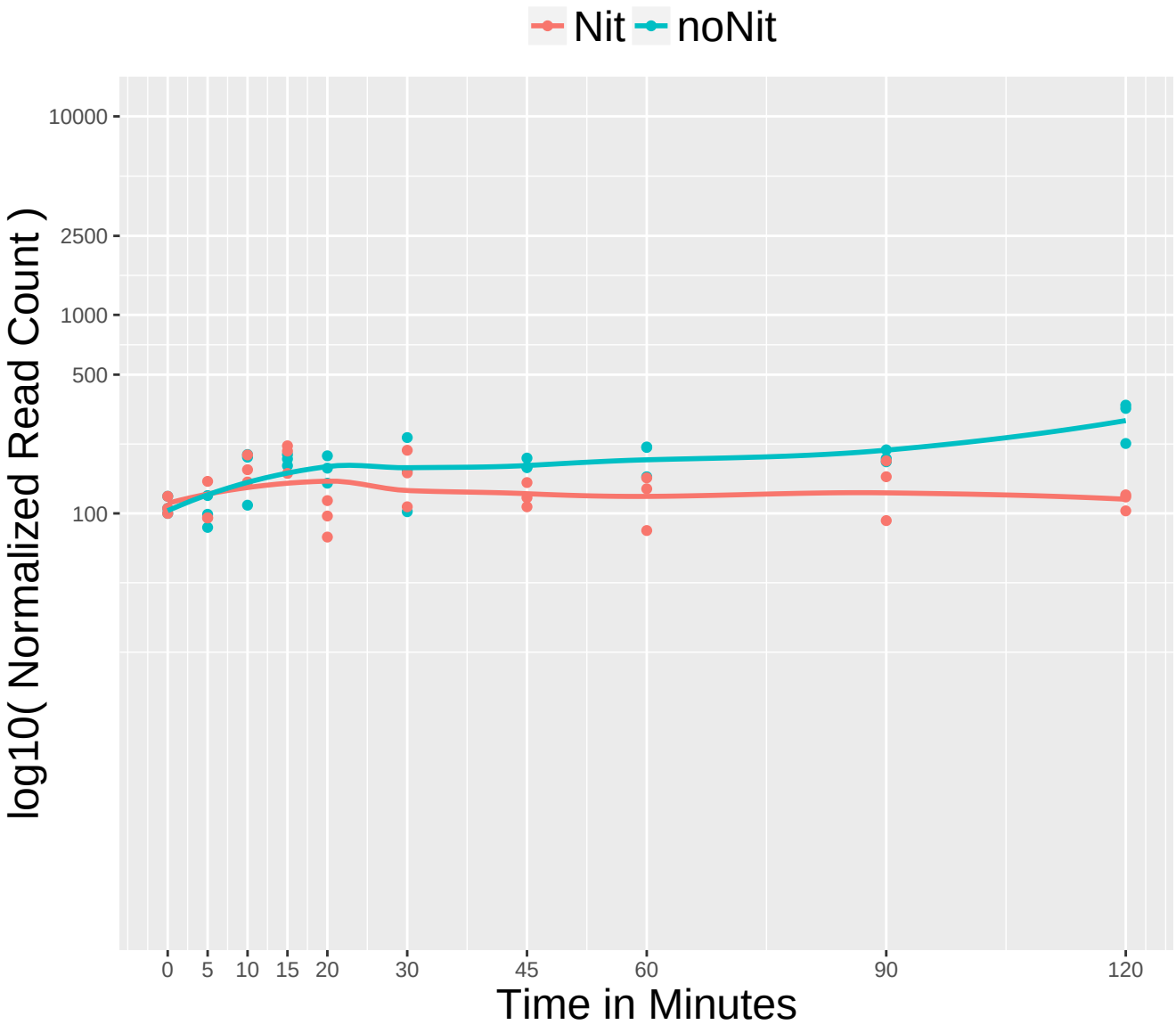
AT3G55950

ATCRR3,,CCR3,CRINKLY4



AT3G61760

ADL1B,DYNAMIN−like



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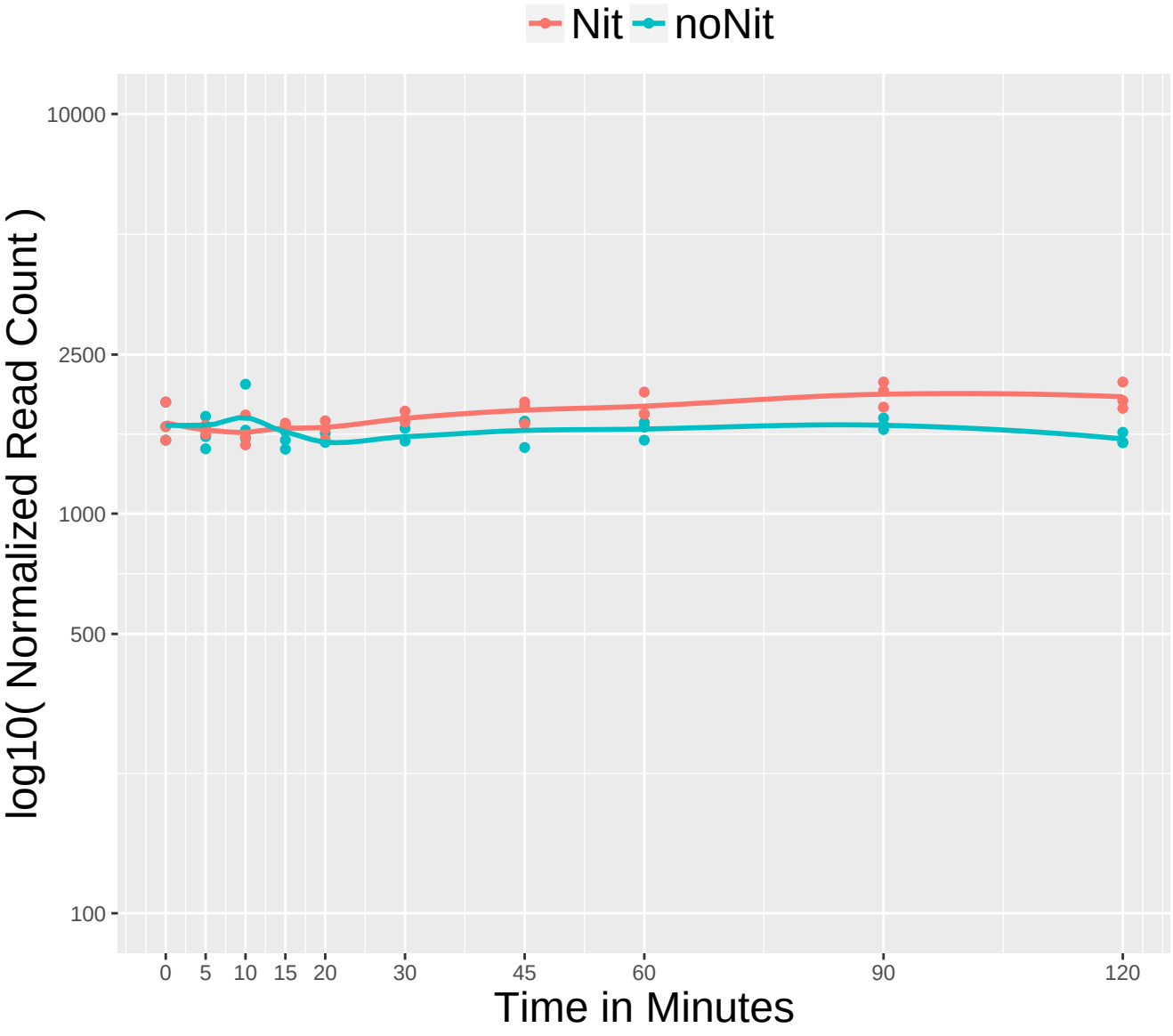
Nit
noNit
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log10(Normalized Read Count)
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5
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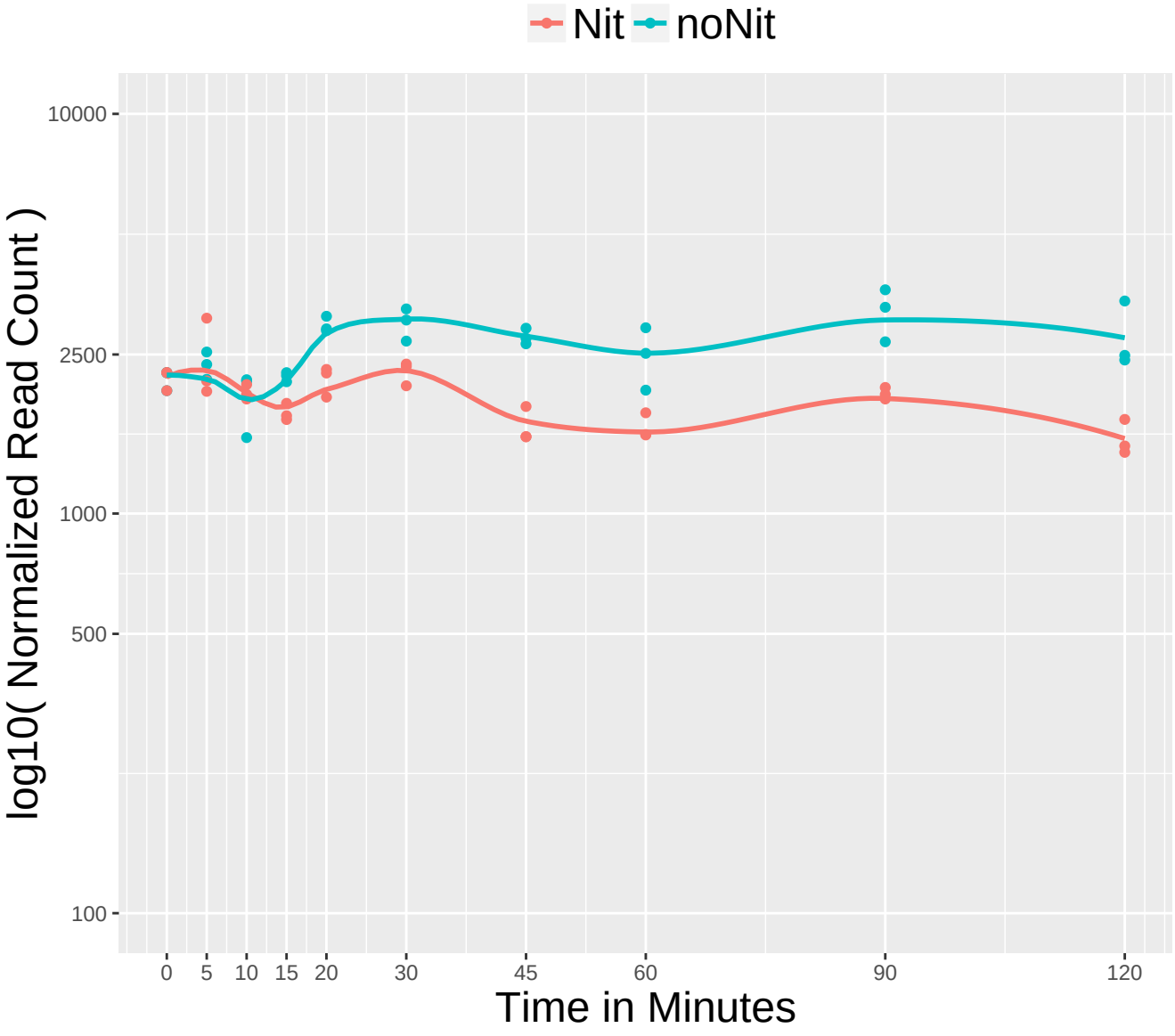
60
90
120
Time in Minutes

AT4G28400

Protein



AT5G37600

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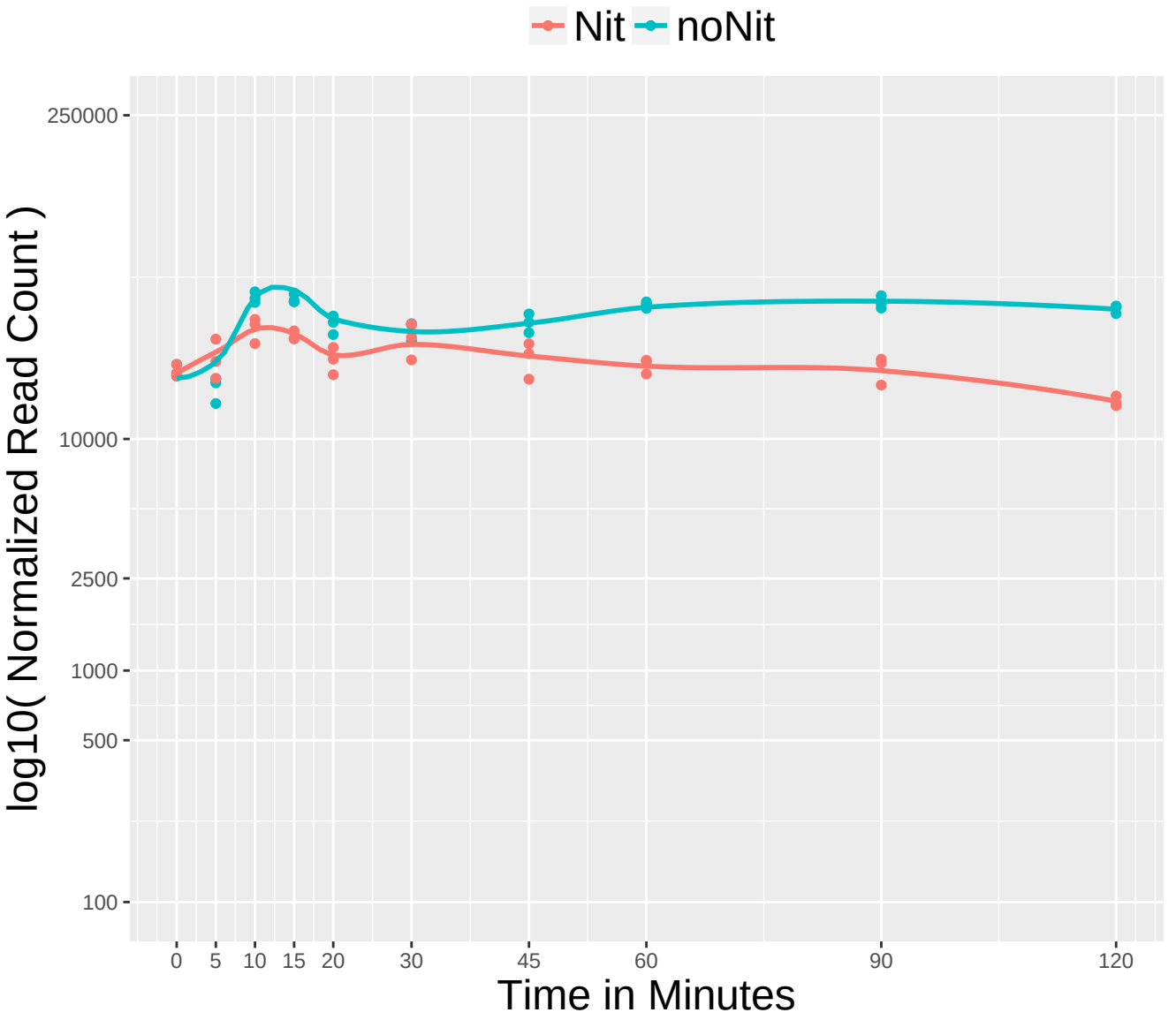

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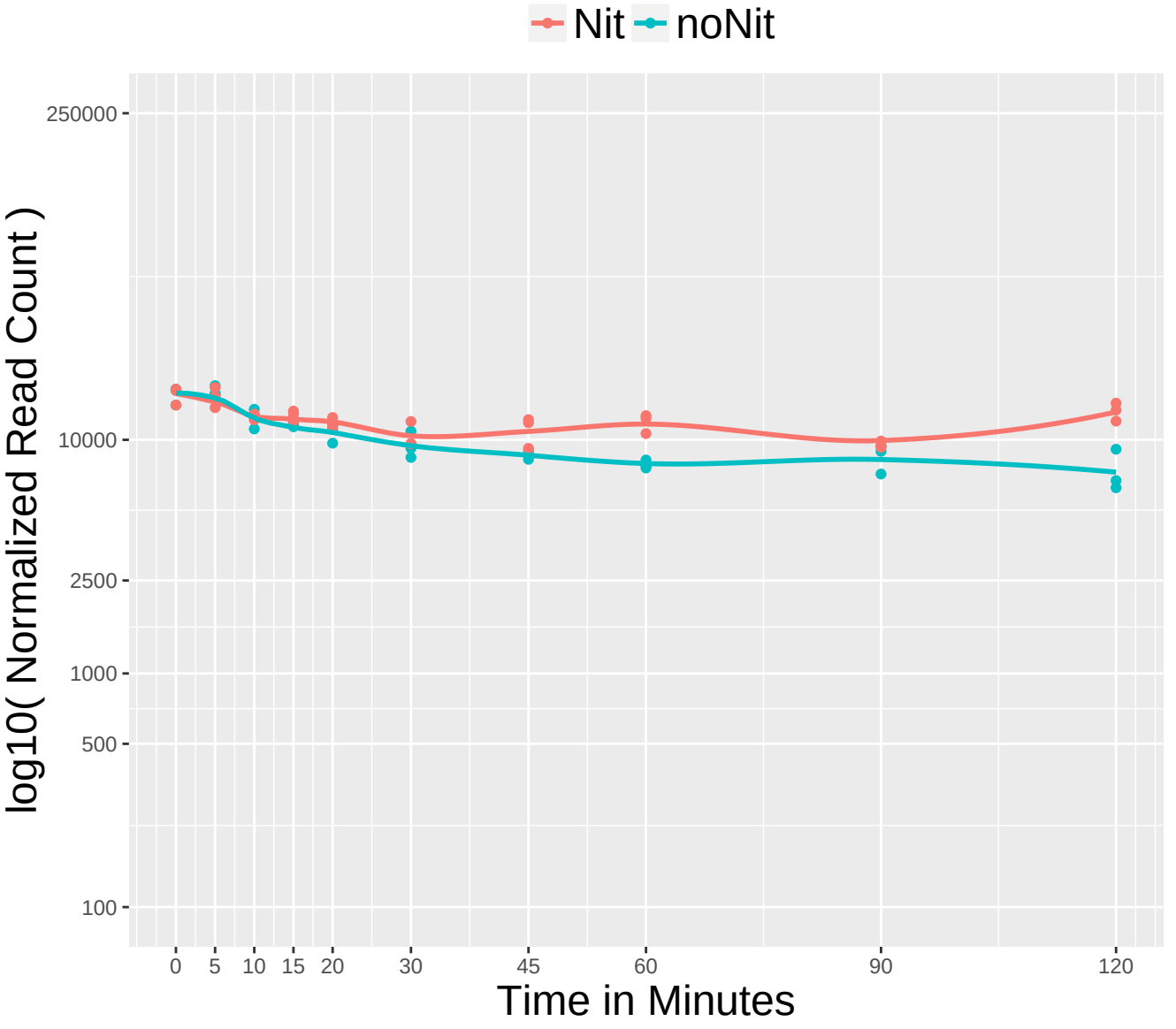
HTB4



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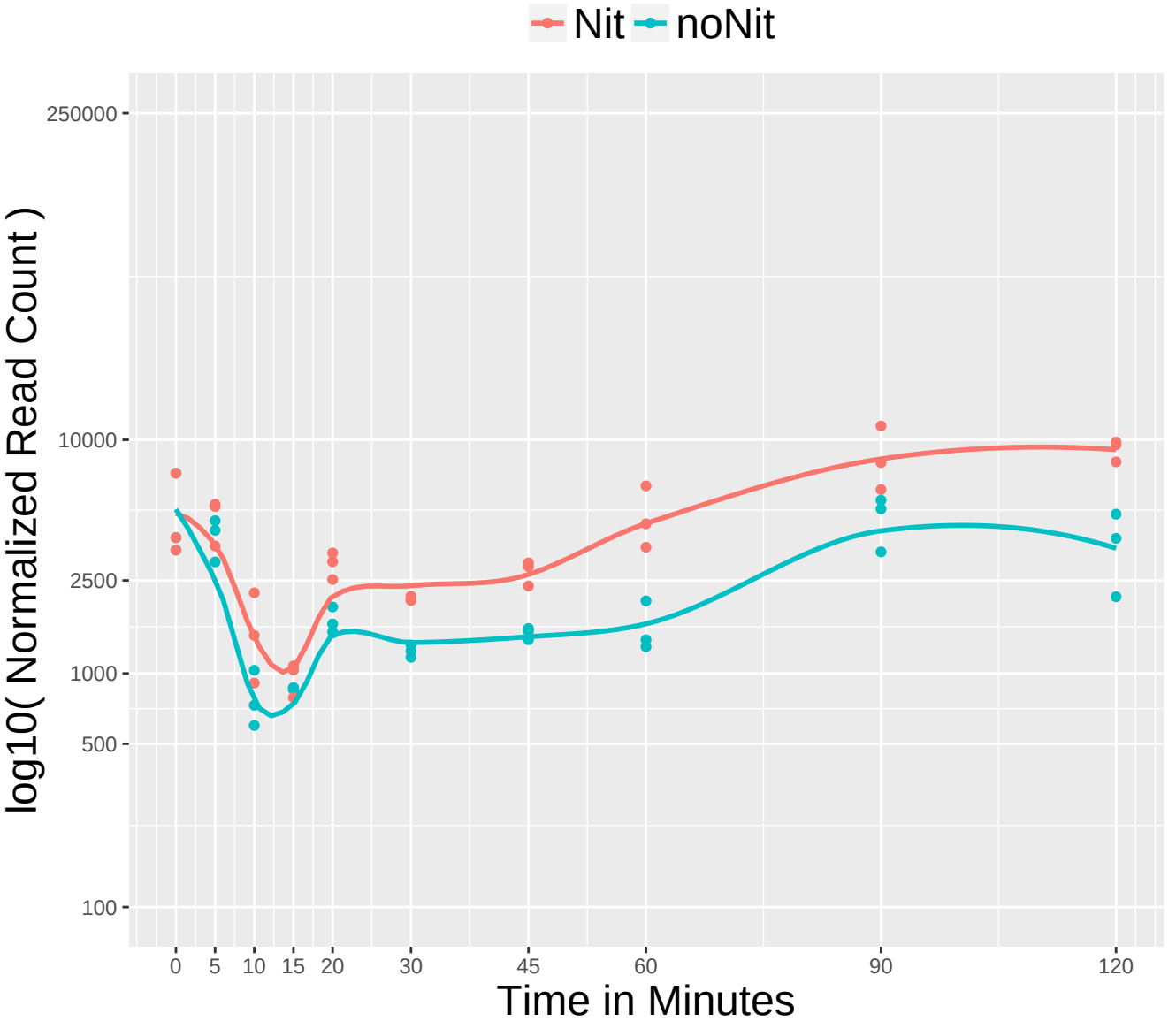
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1000
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15
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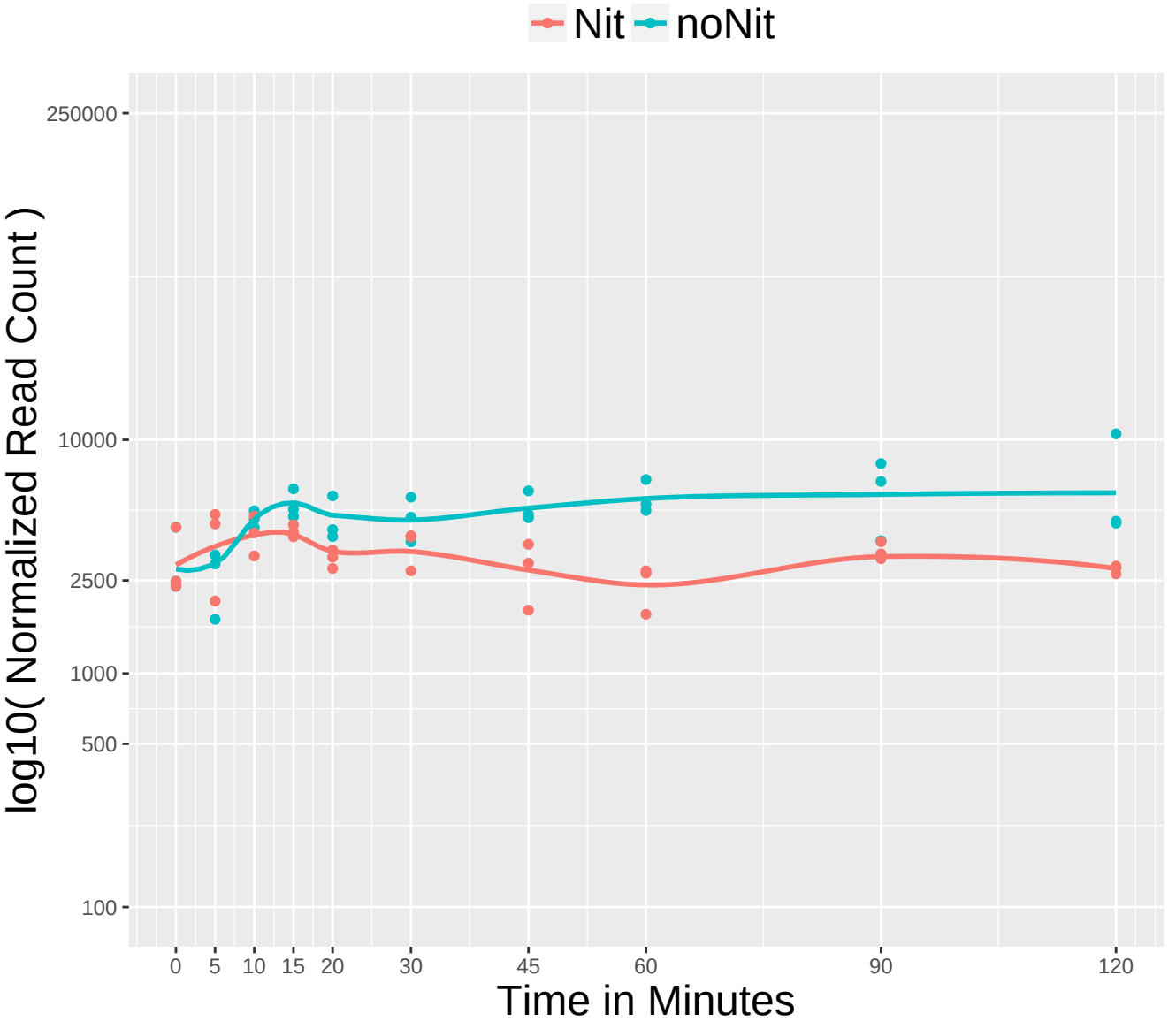
30
45
60
90
120
Time in Minutes

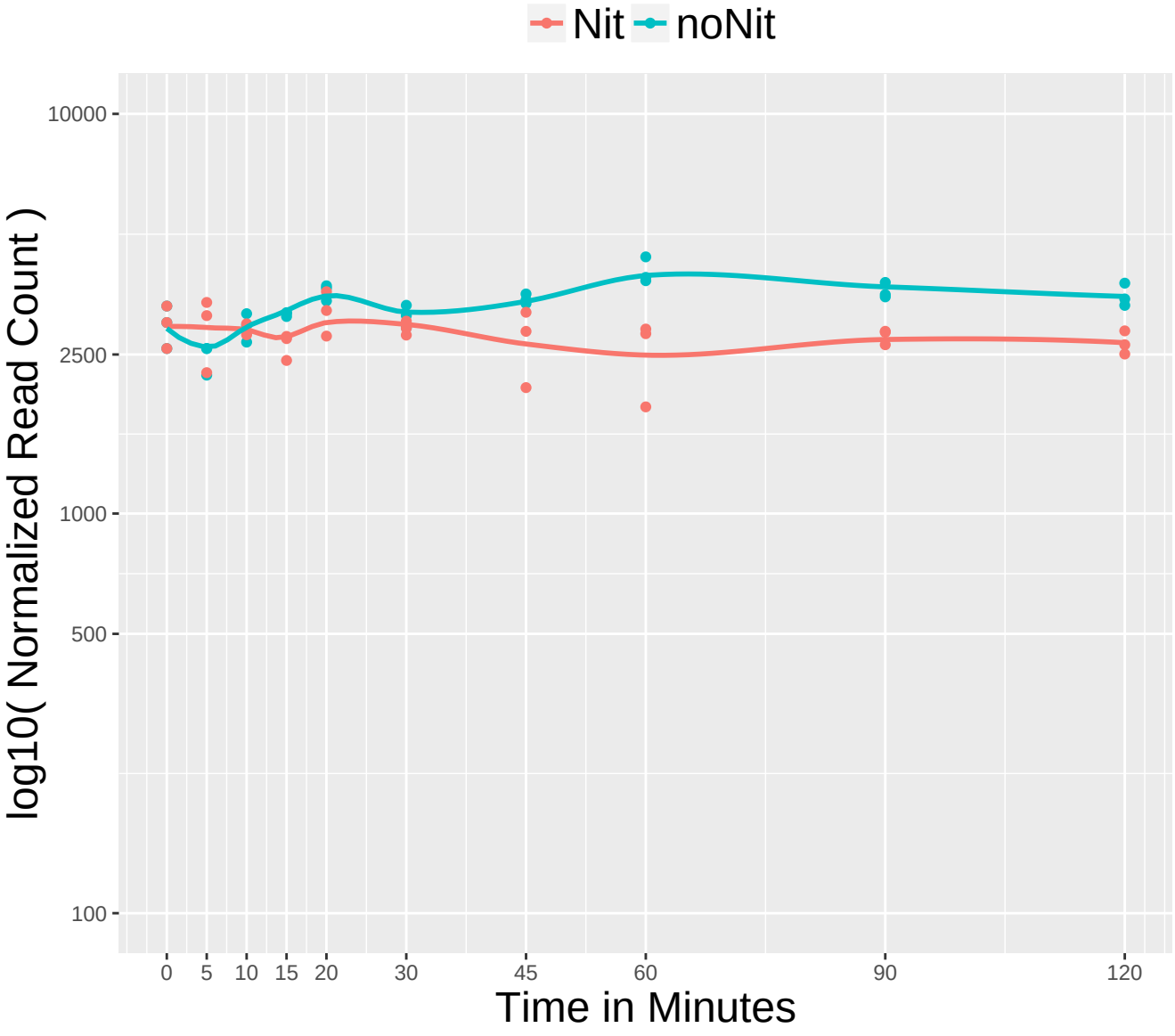
AT5G67340

ARM



AT1G34320

Protein



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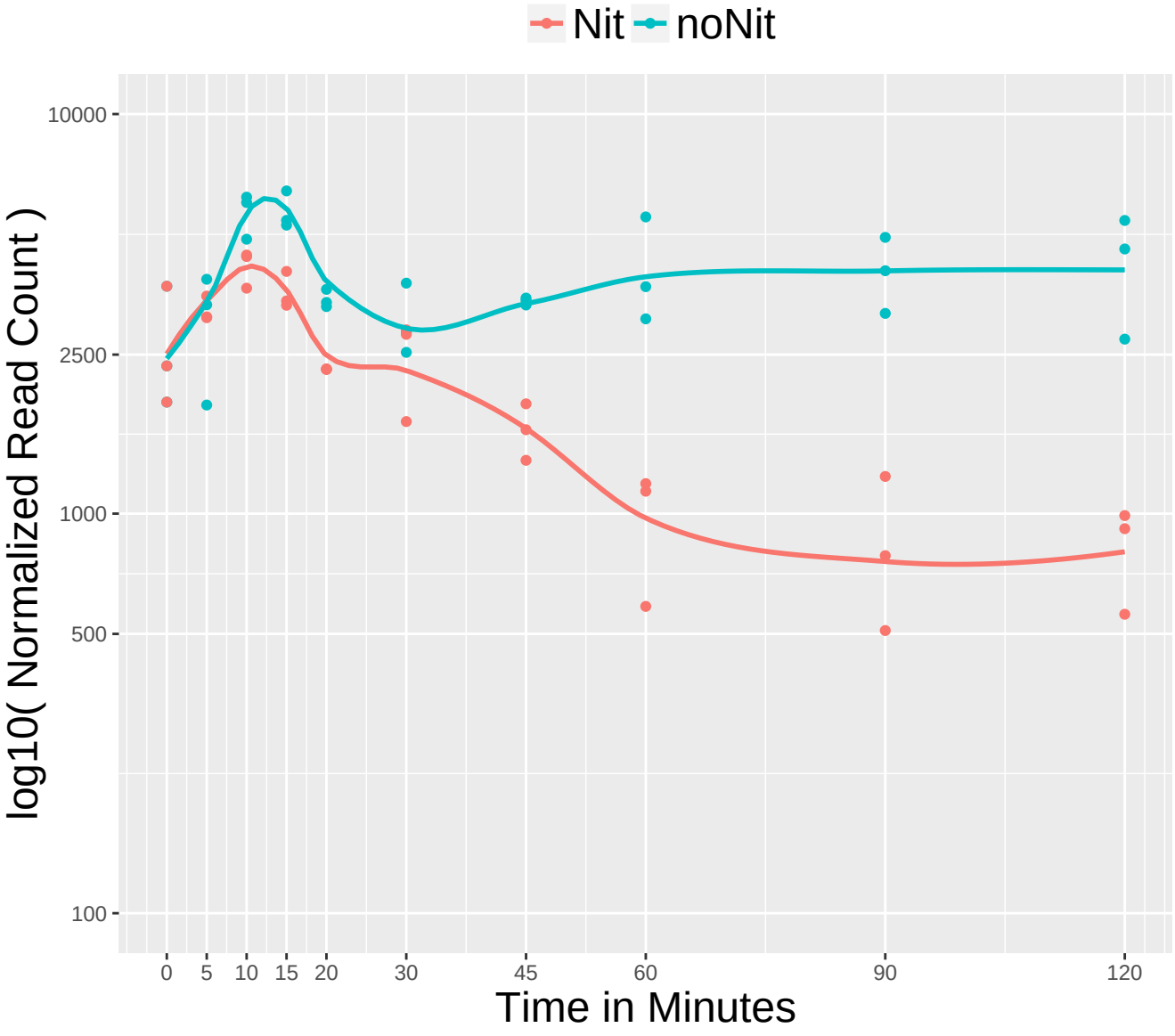

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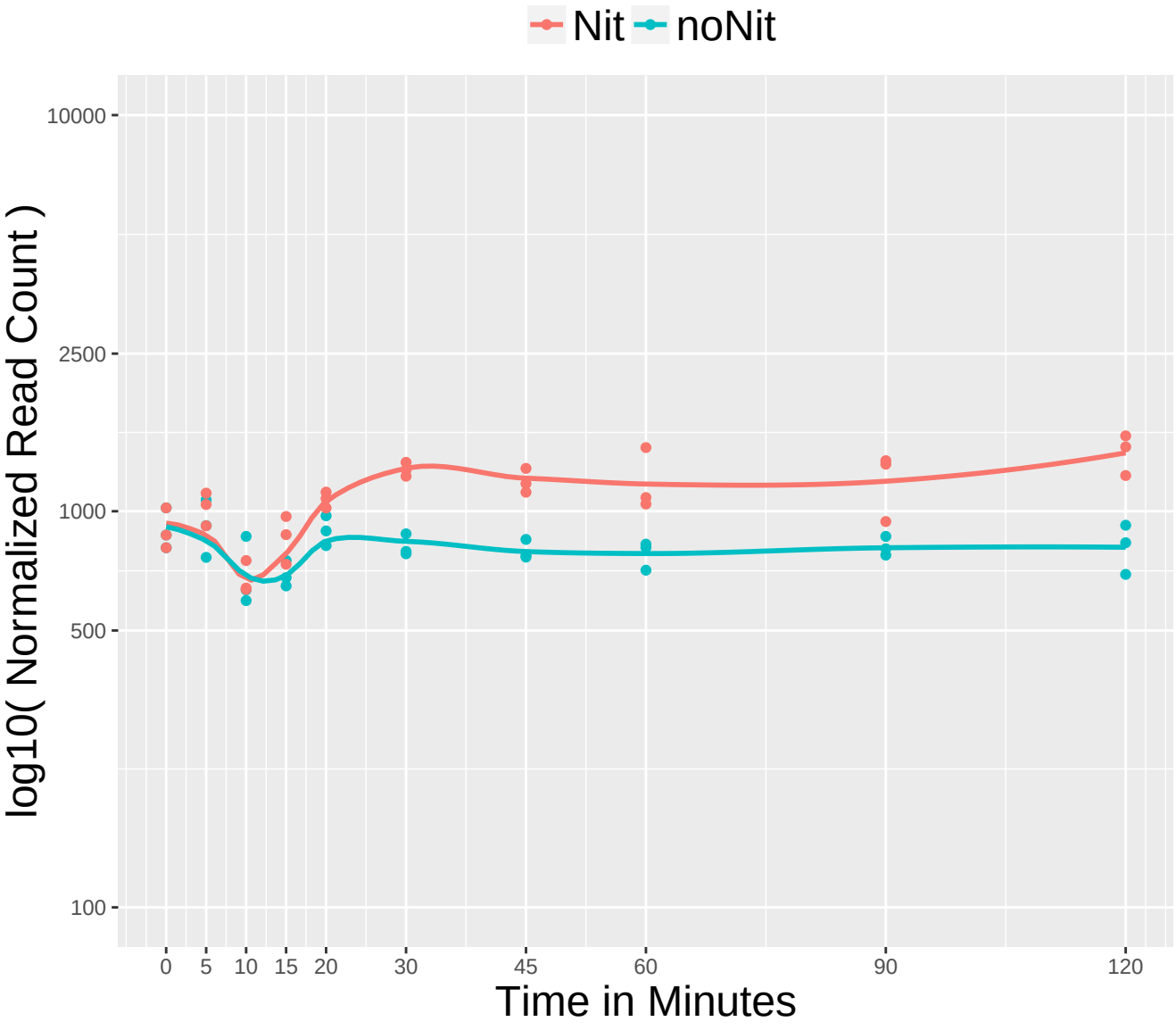
Erythronate−4−phosphate



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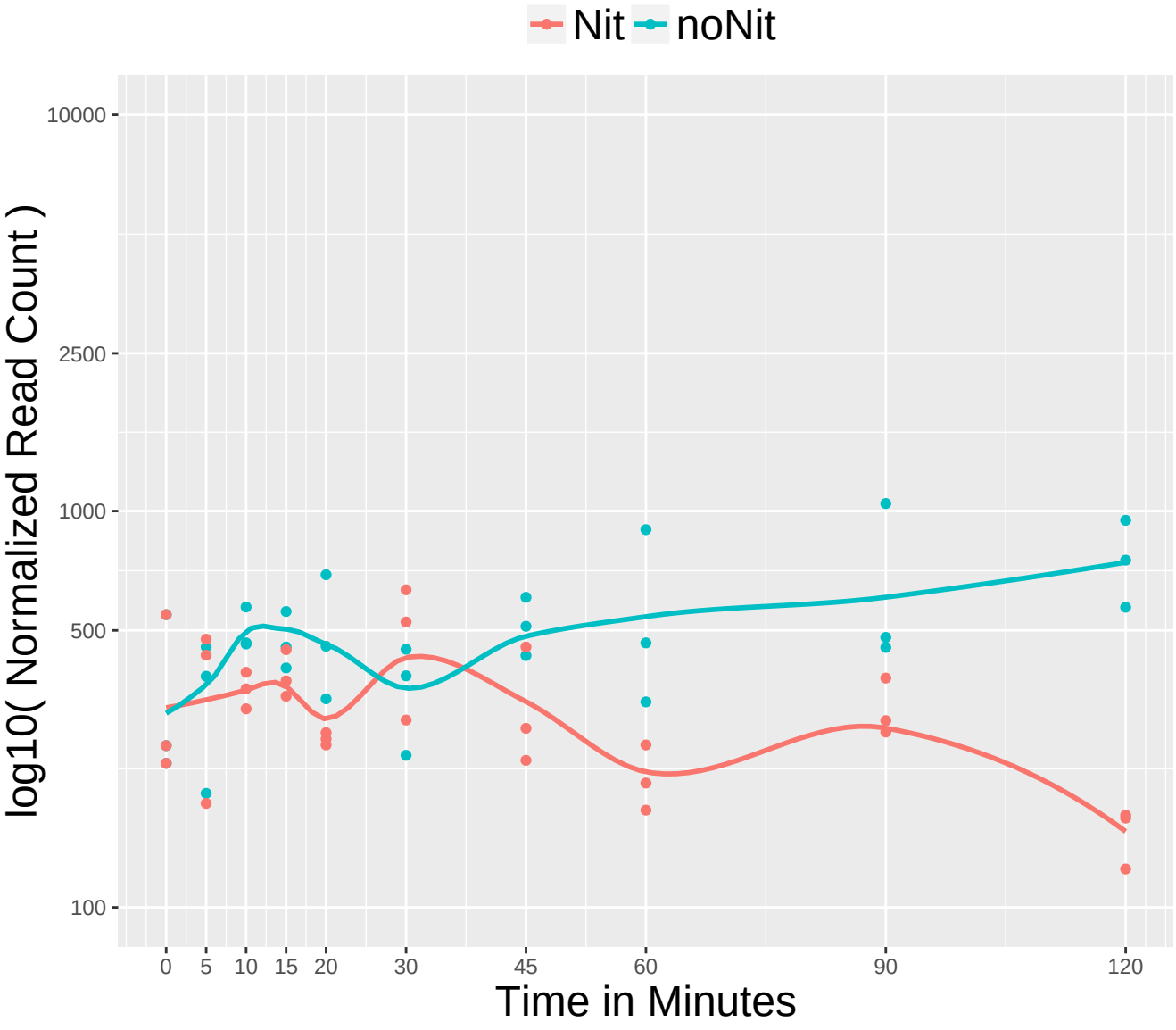

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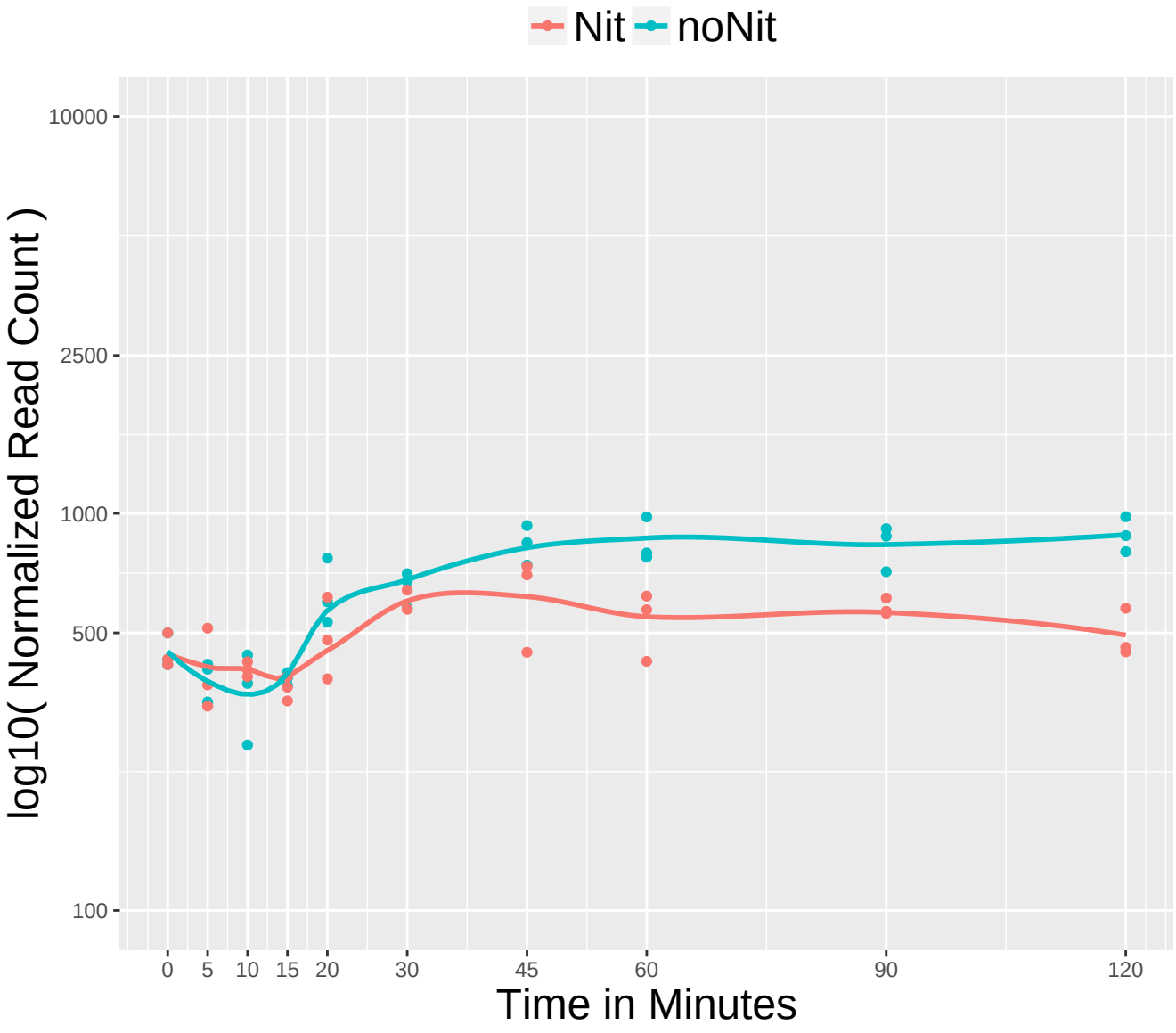

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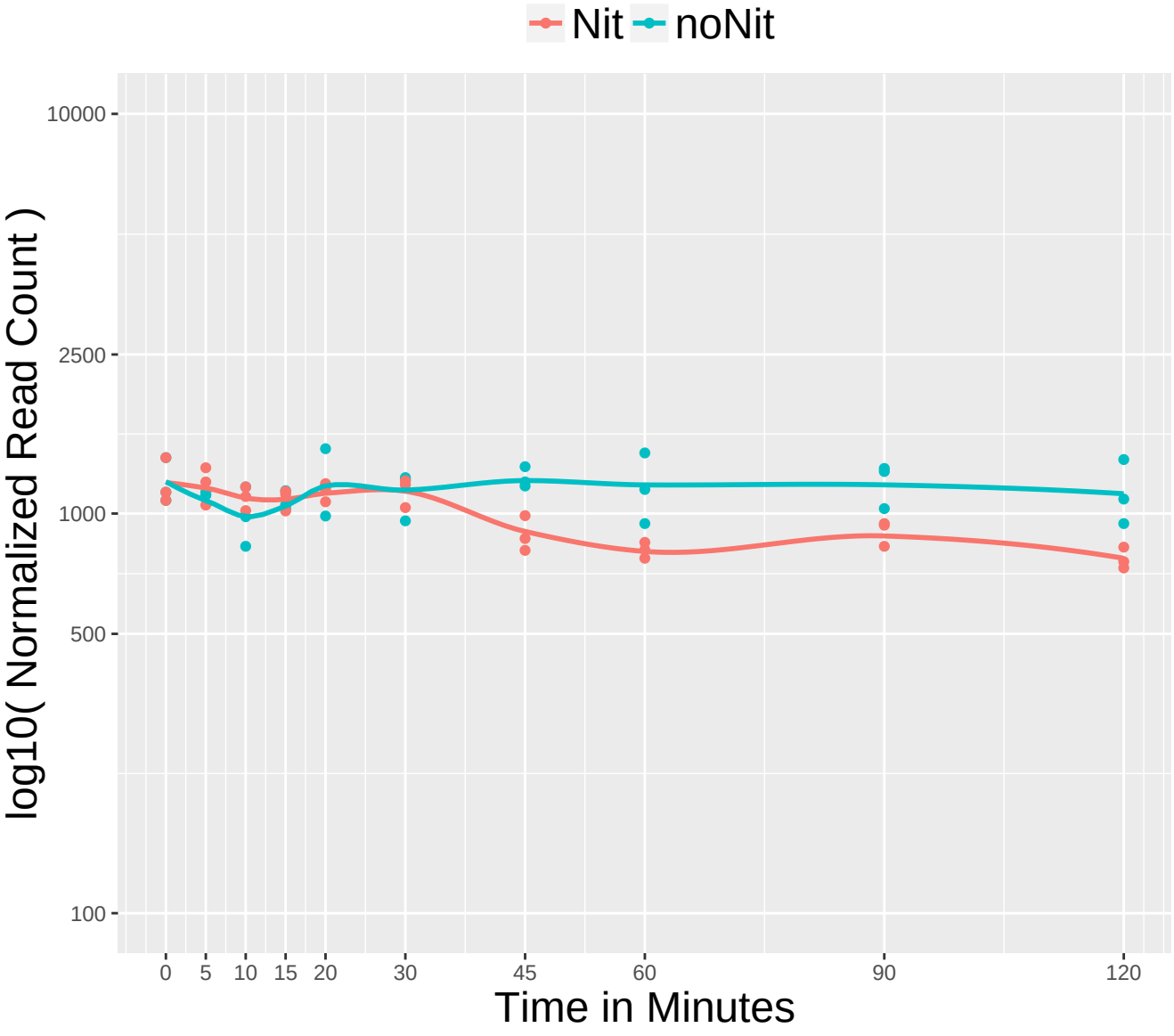

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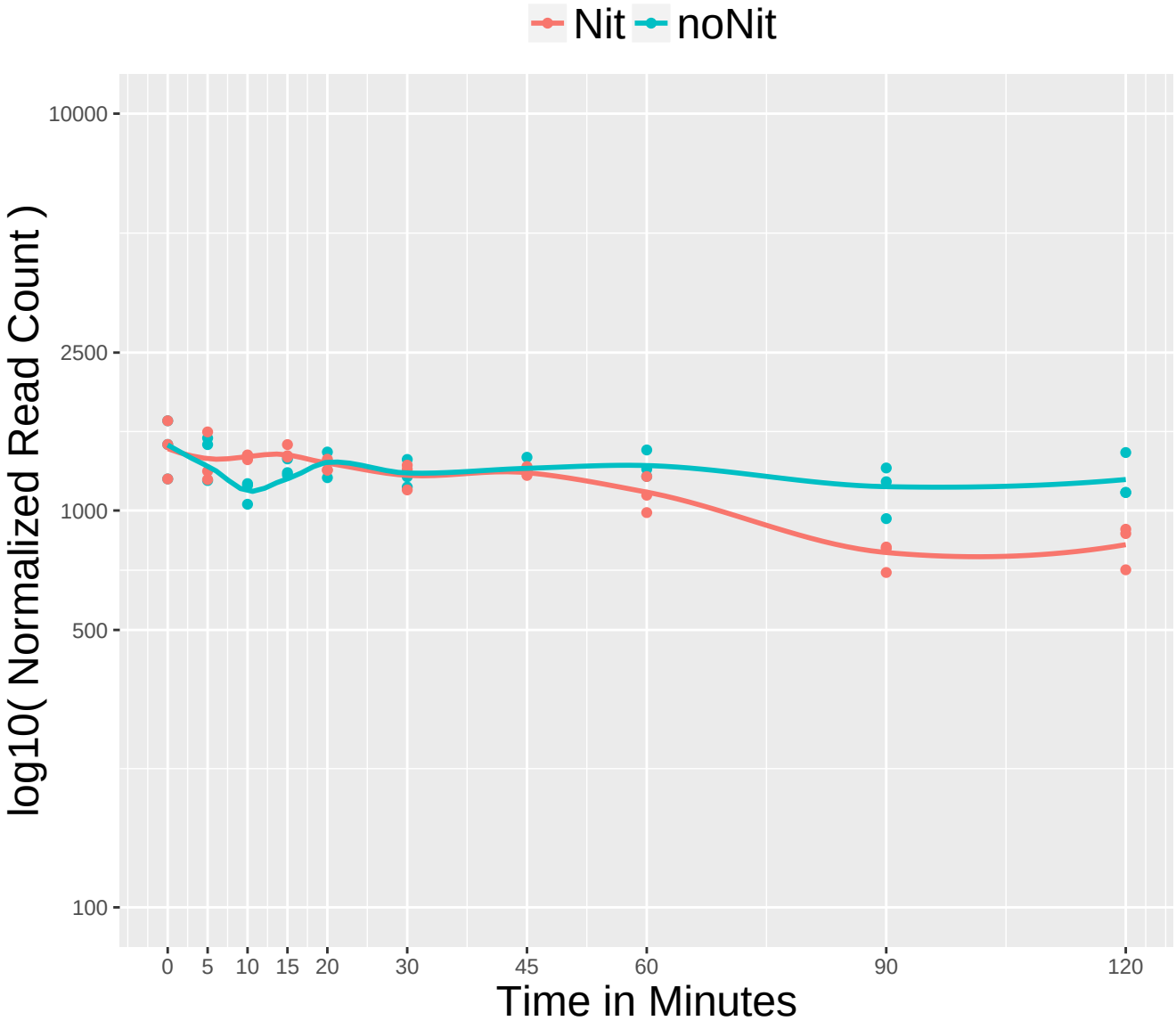
FEI2,FEI



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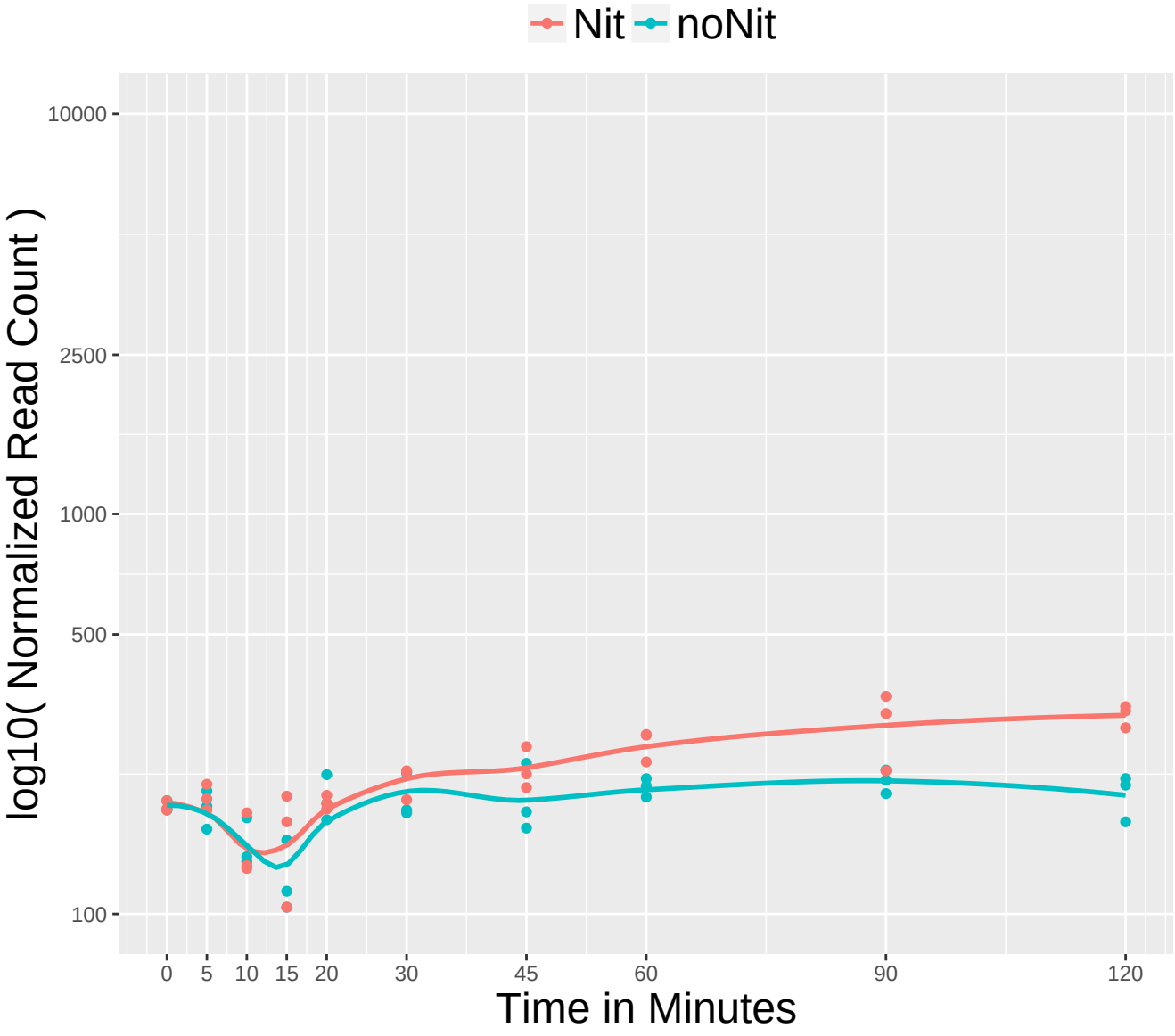

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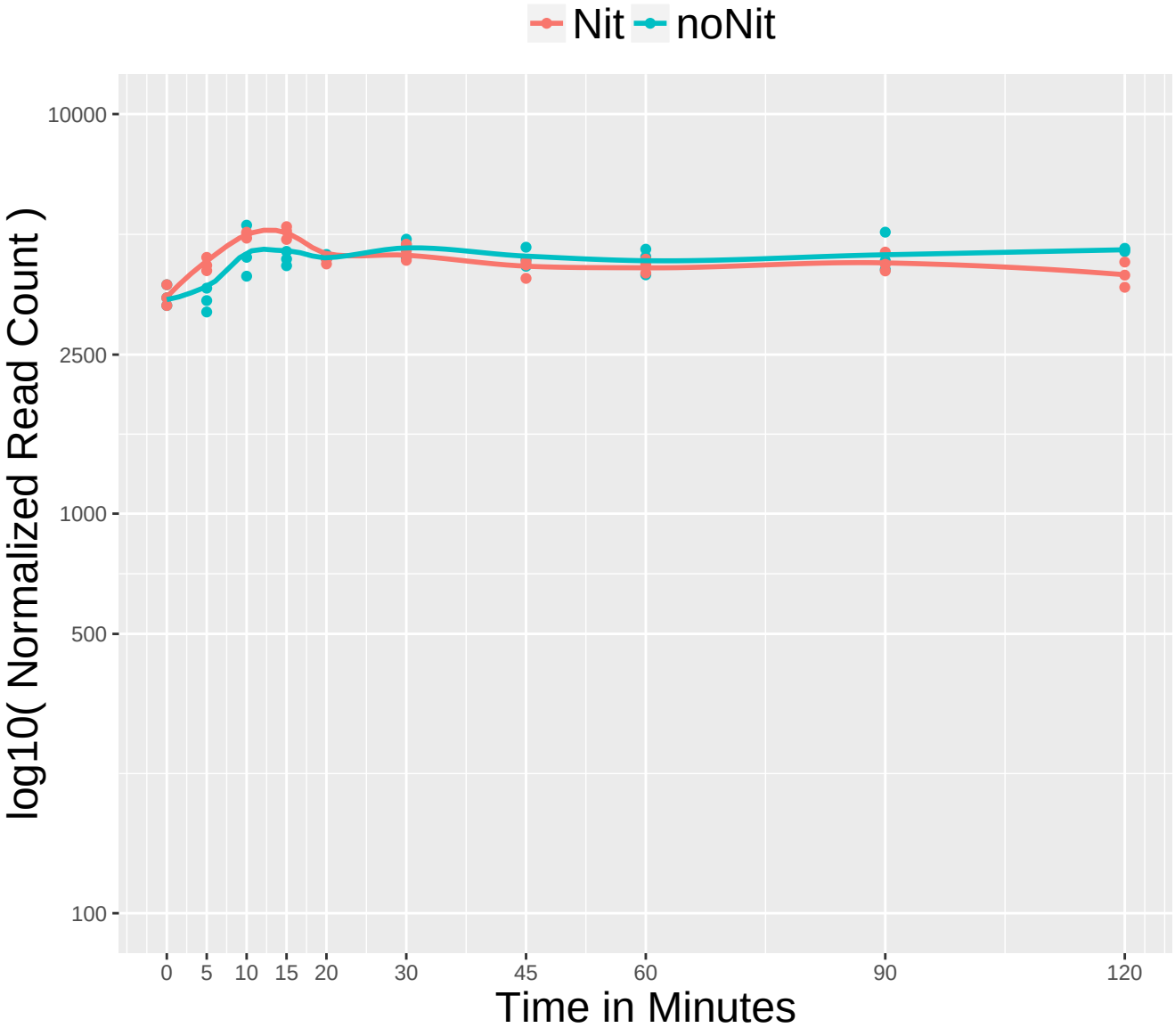

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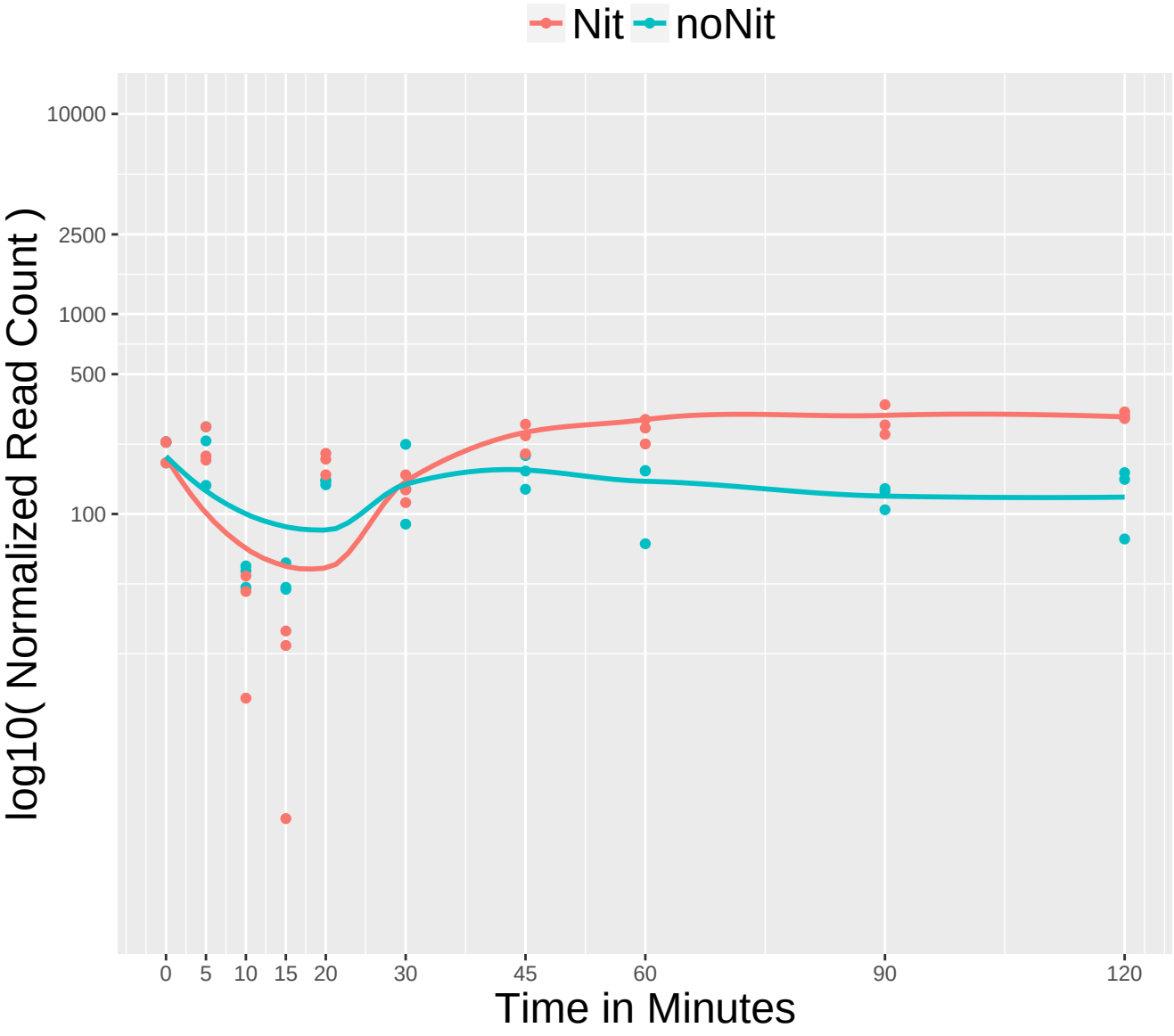

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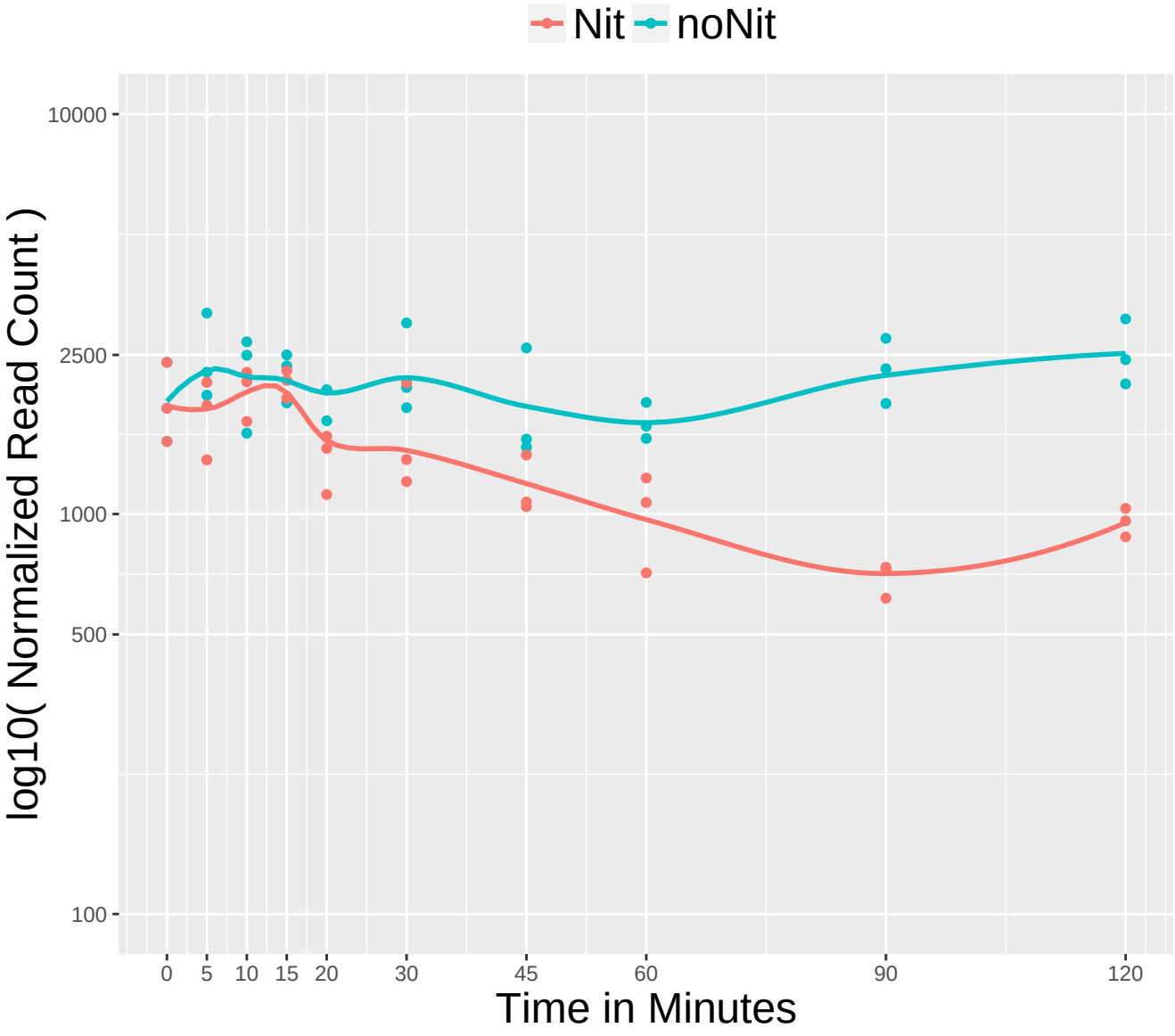
Chitinase



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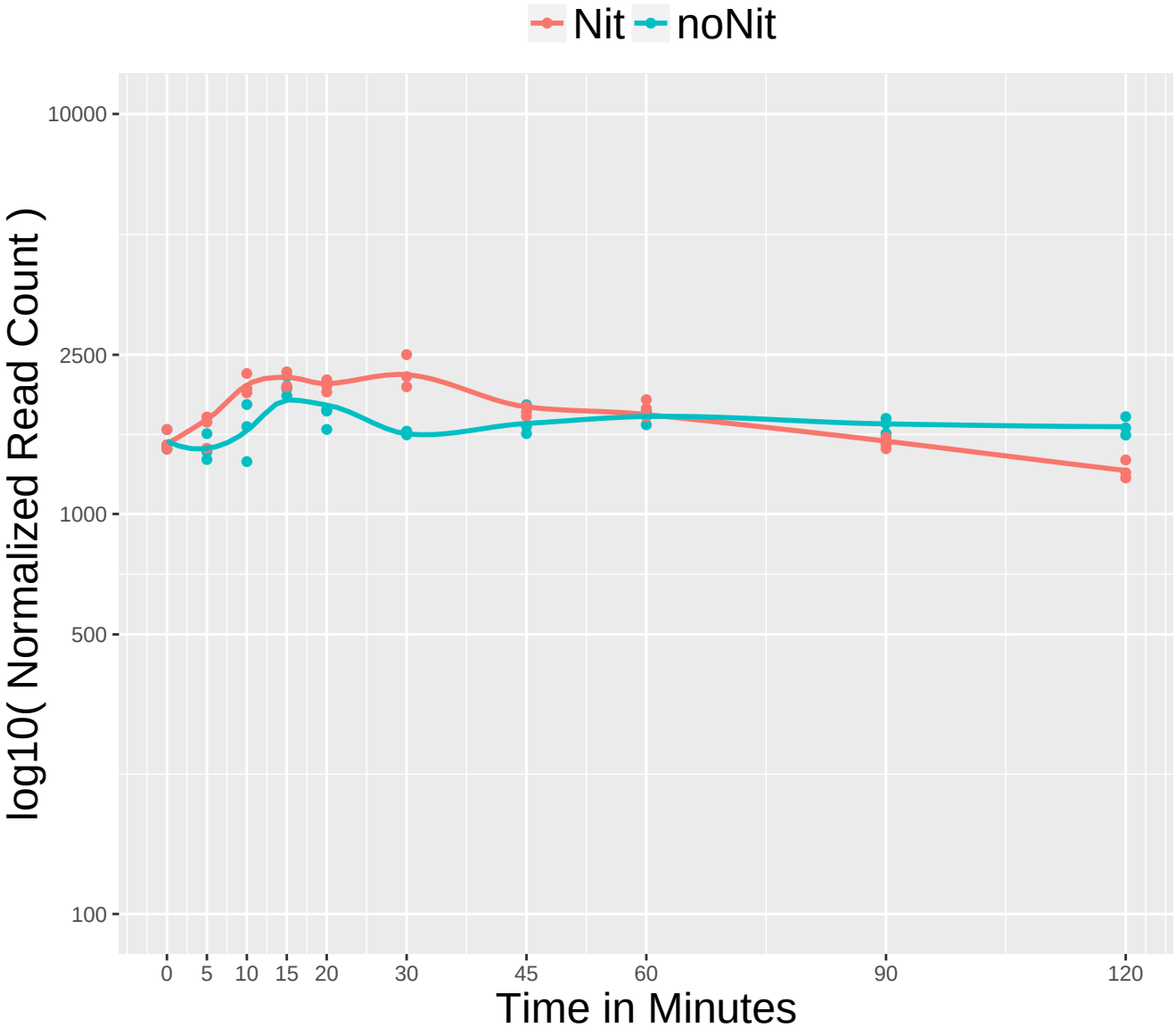

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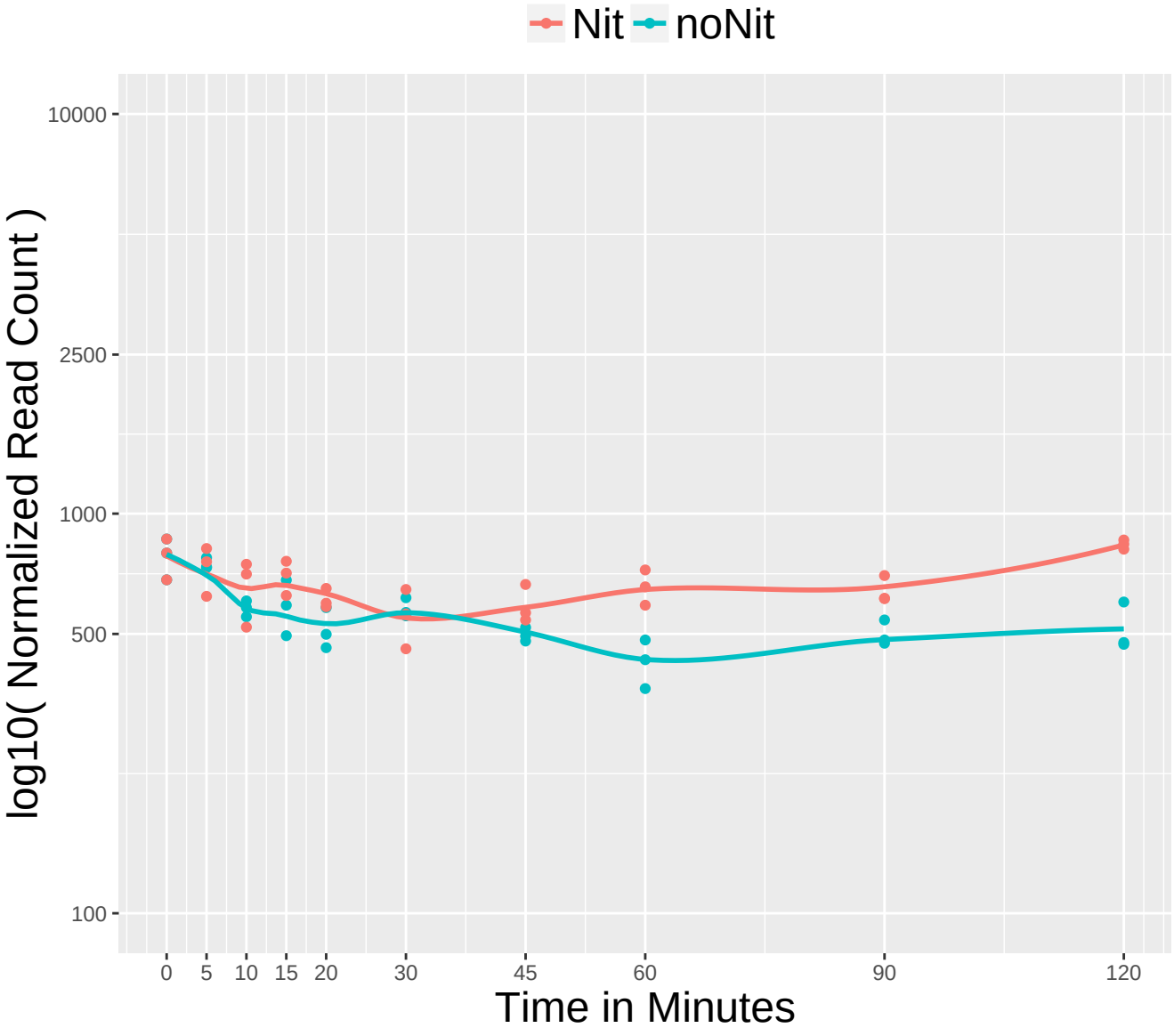
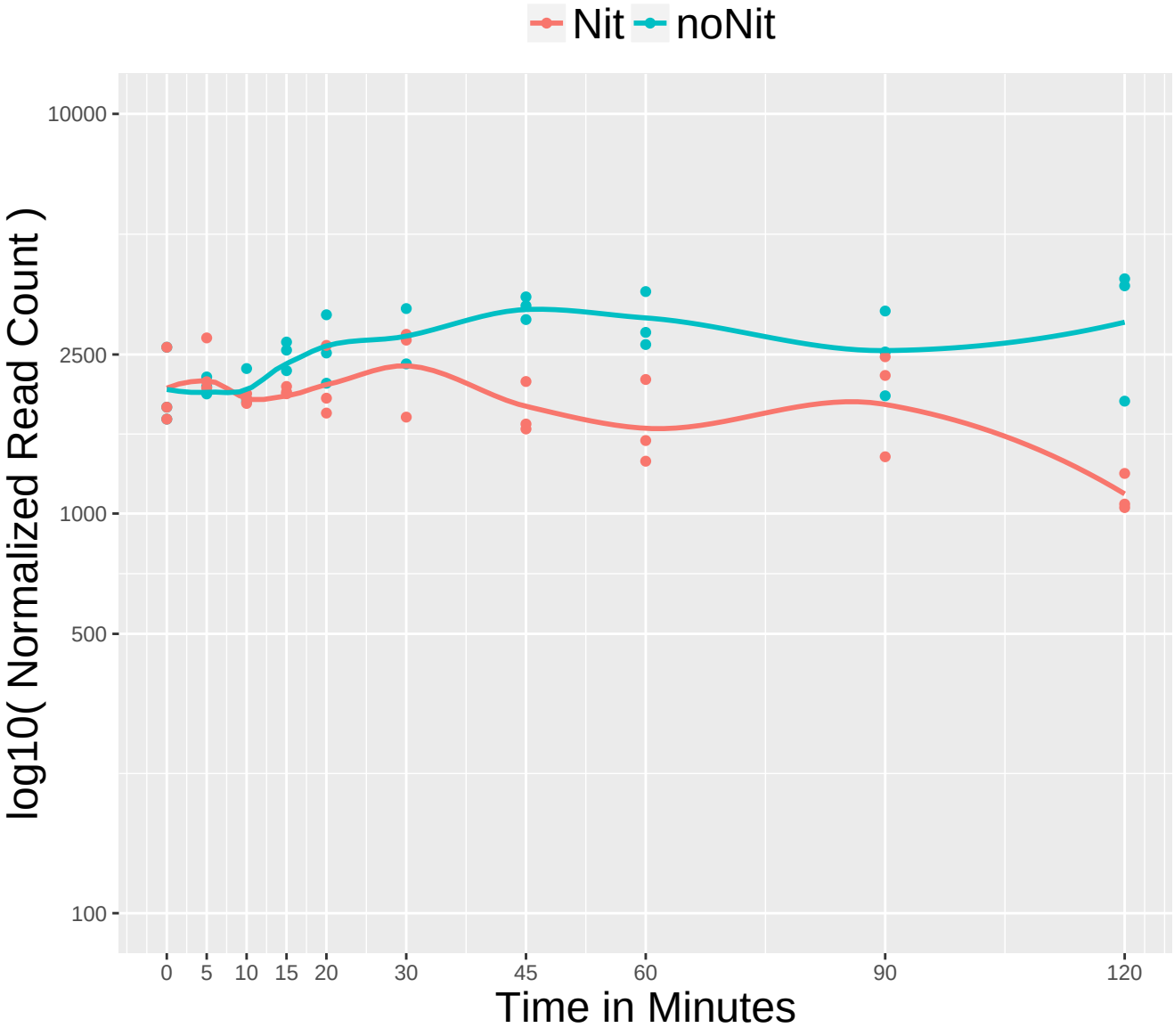


AT4G37900

Protein



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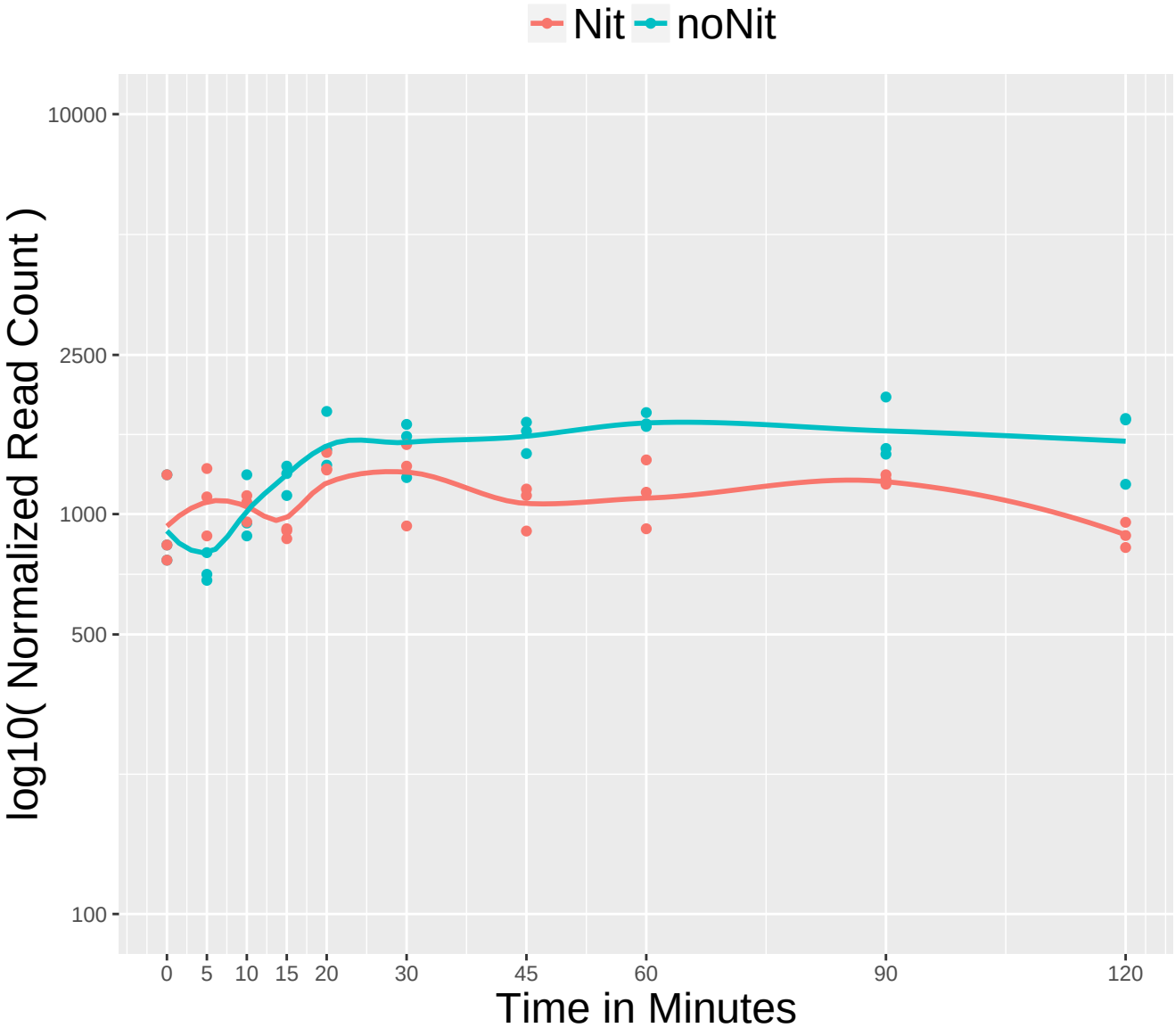
RING/U−box



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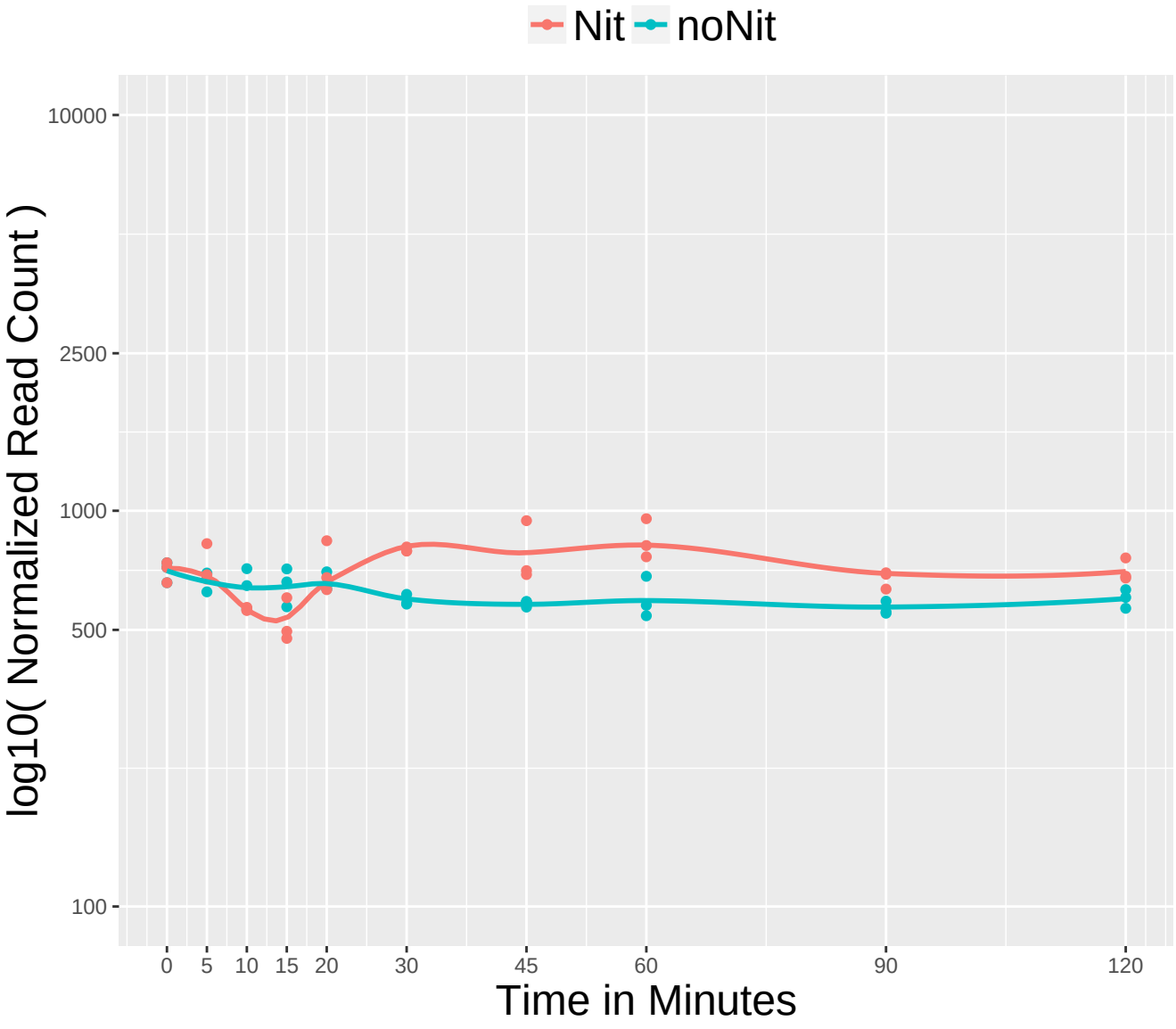
PRA1.A2,prenylated



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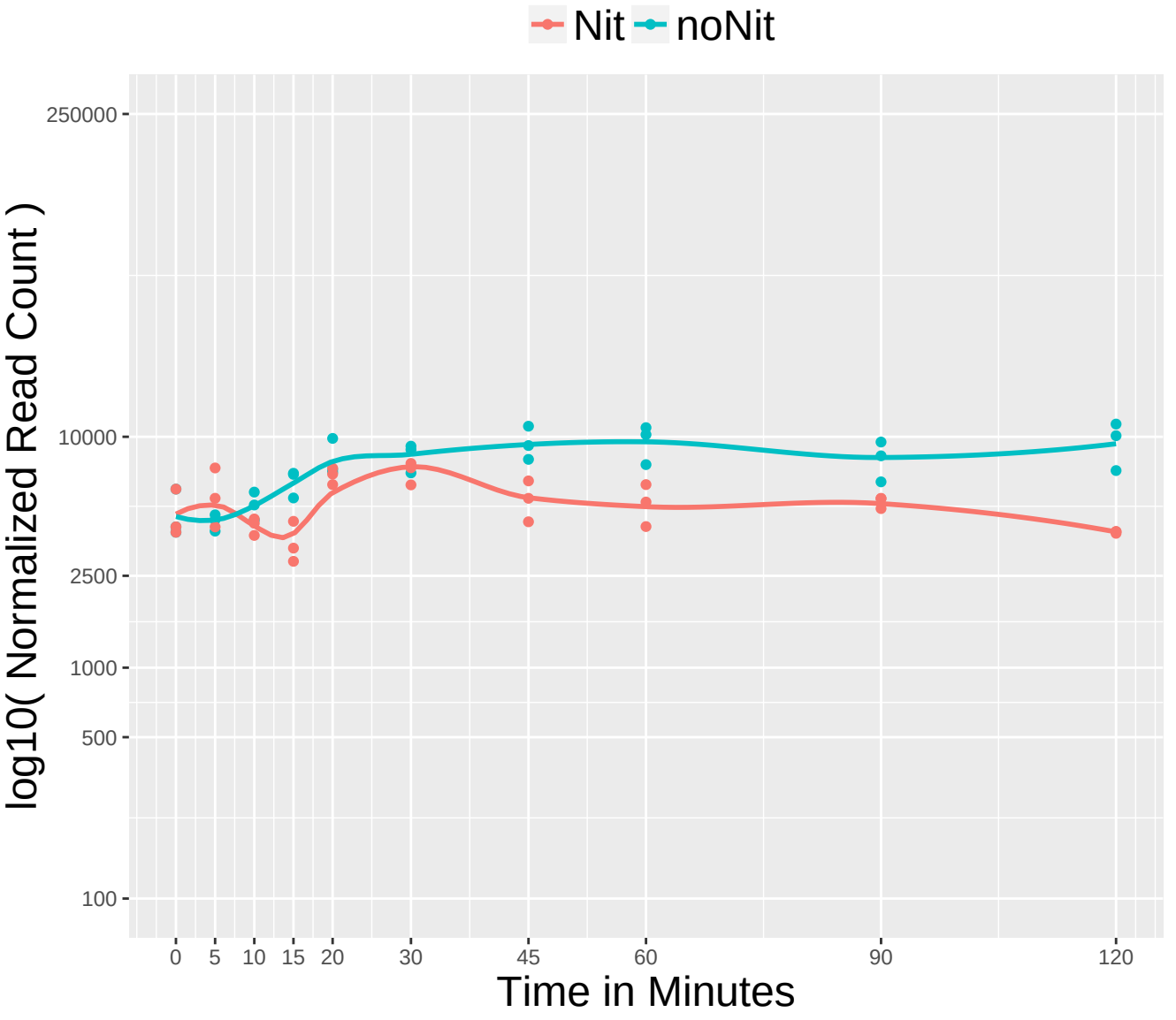

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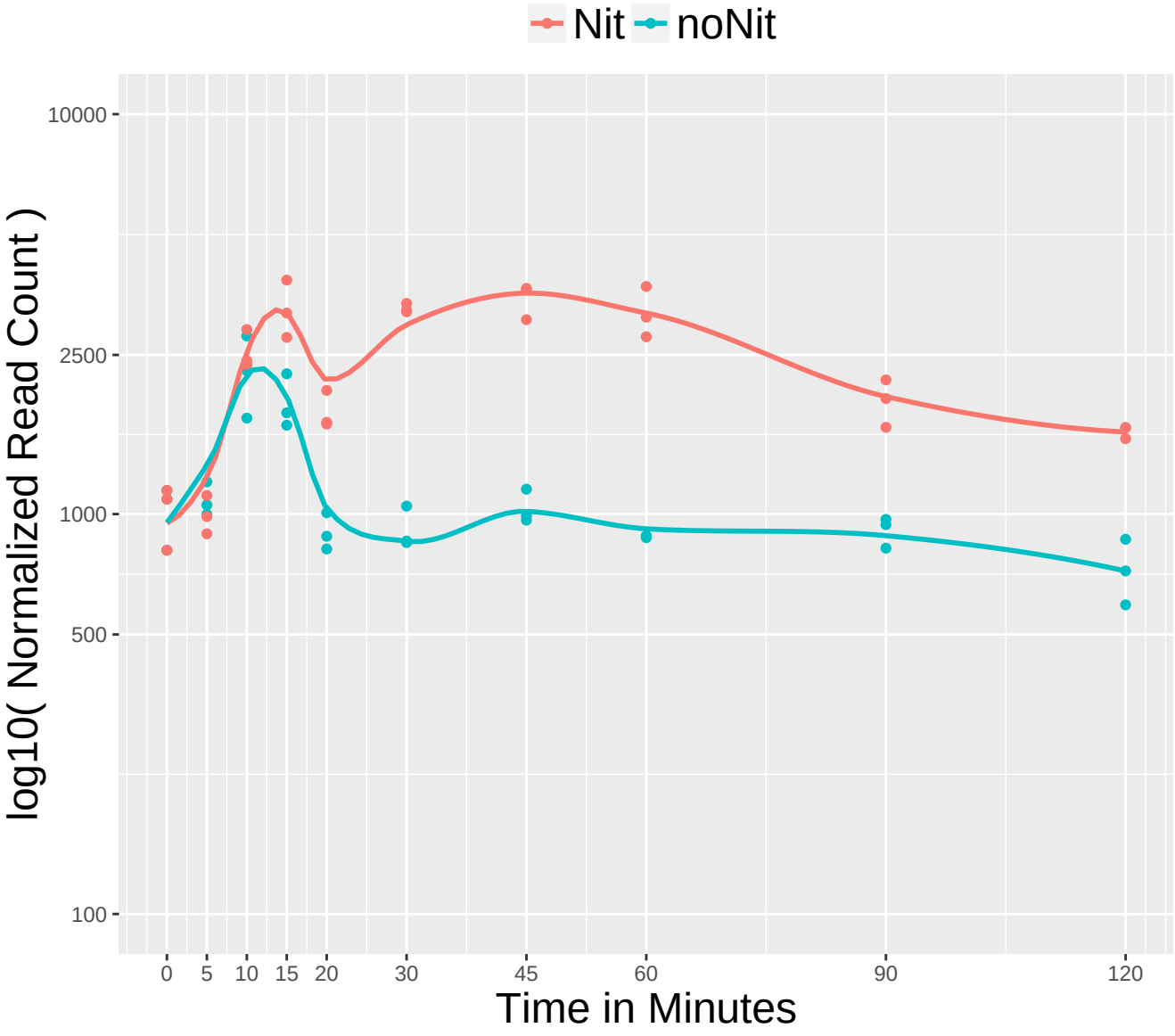
HSP20−like



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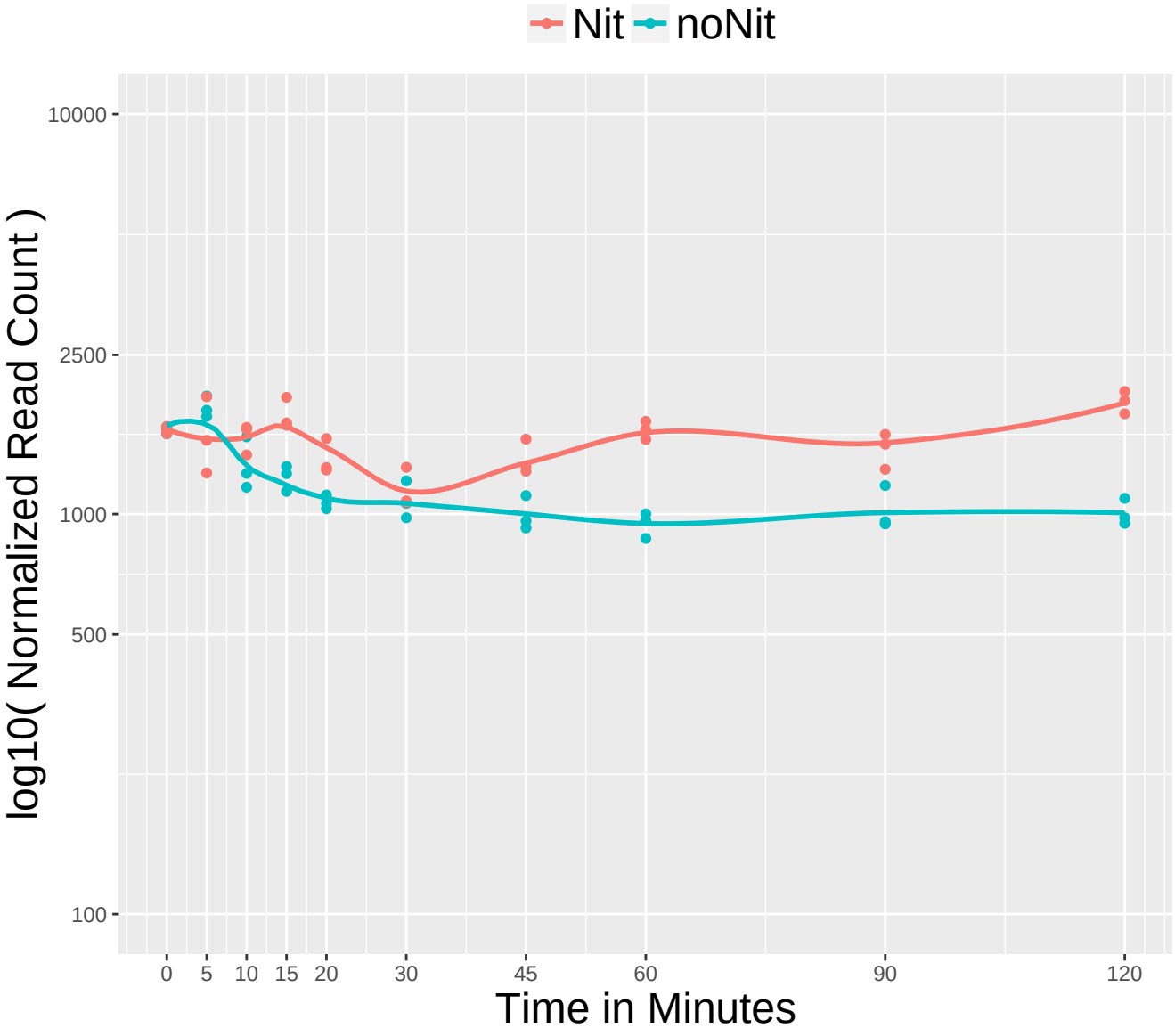

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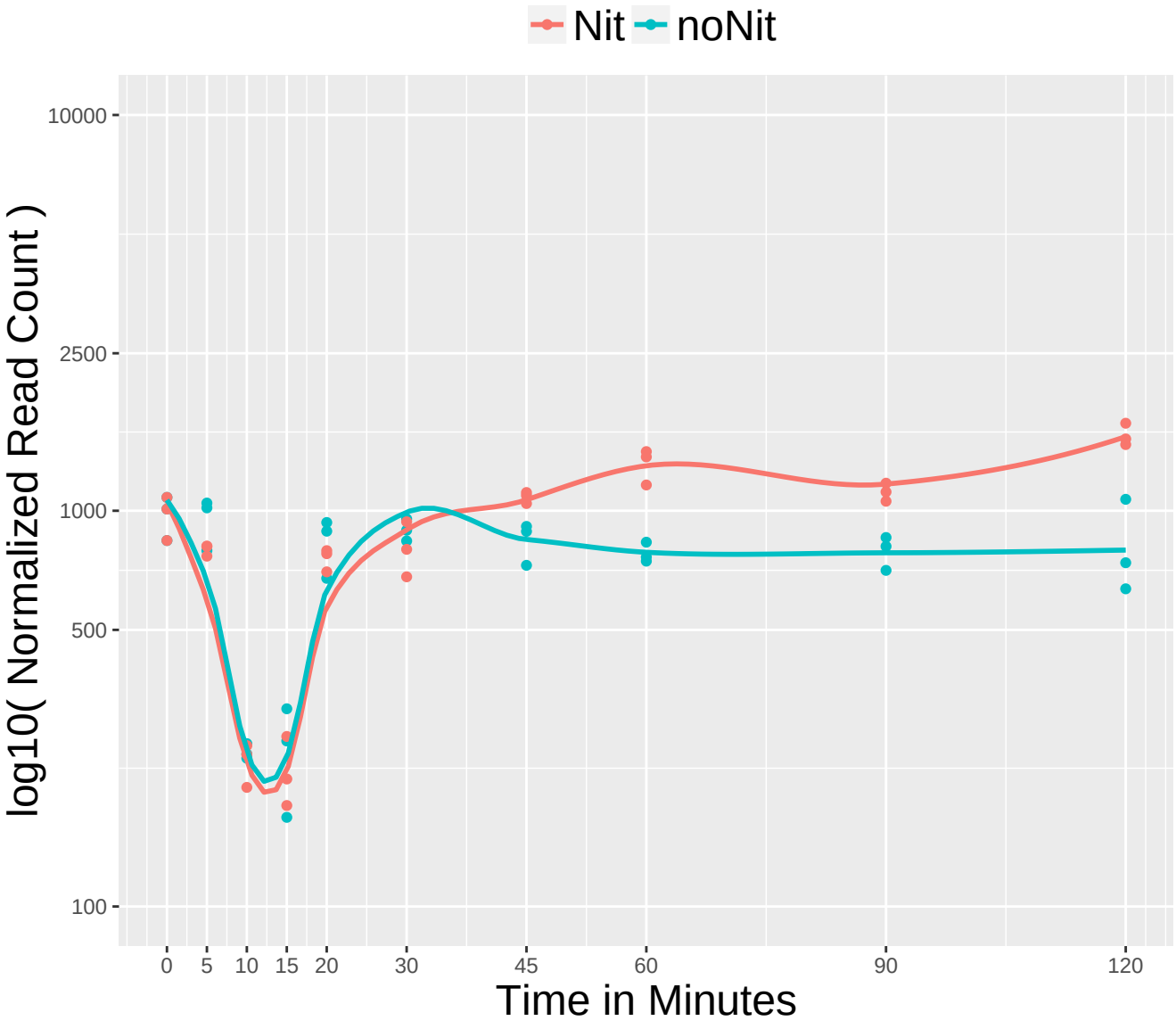

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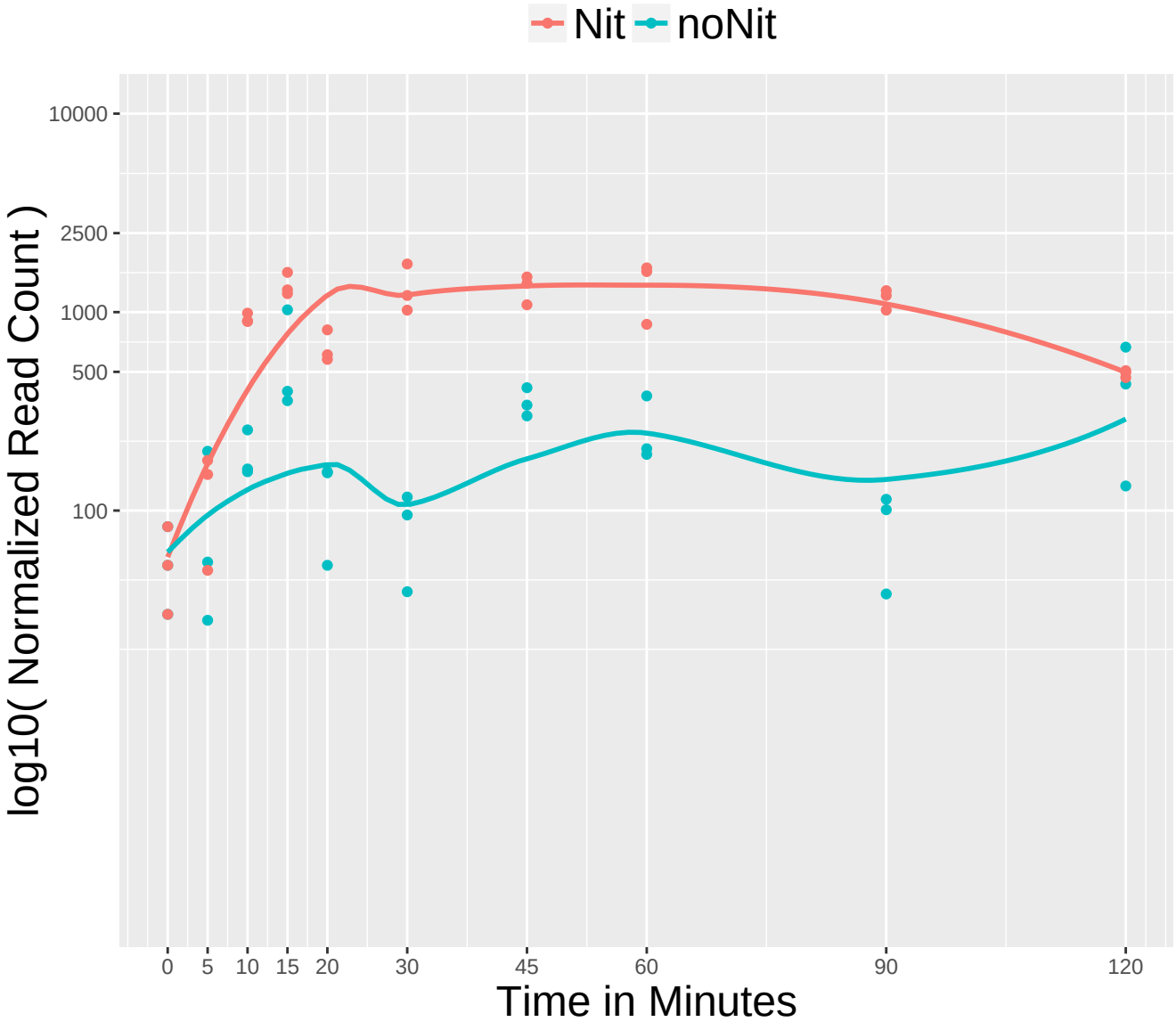

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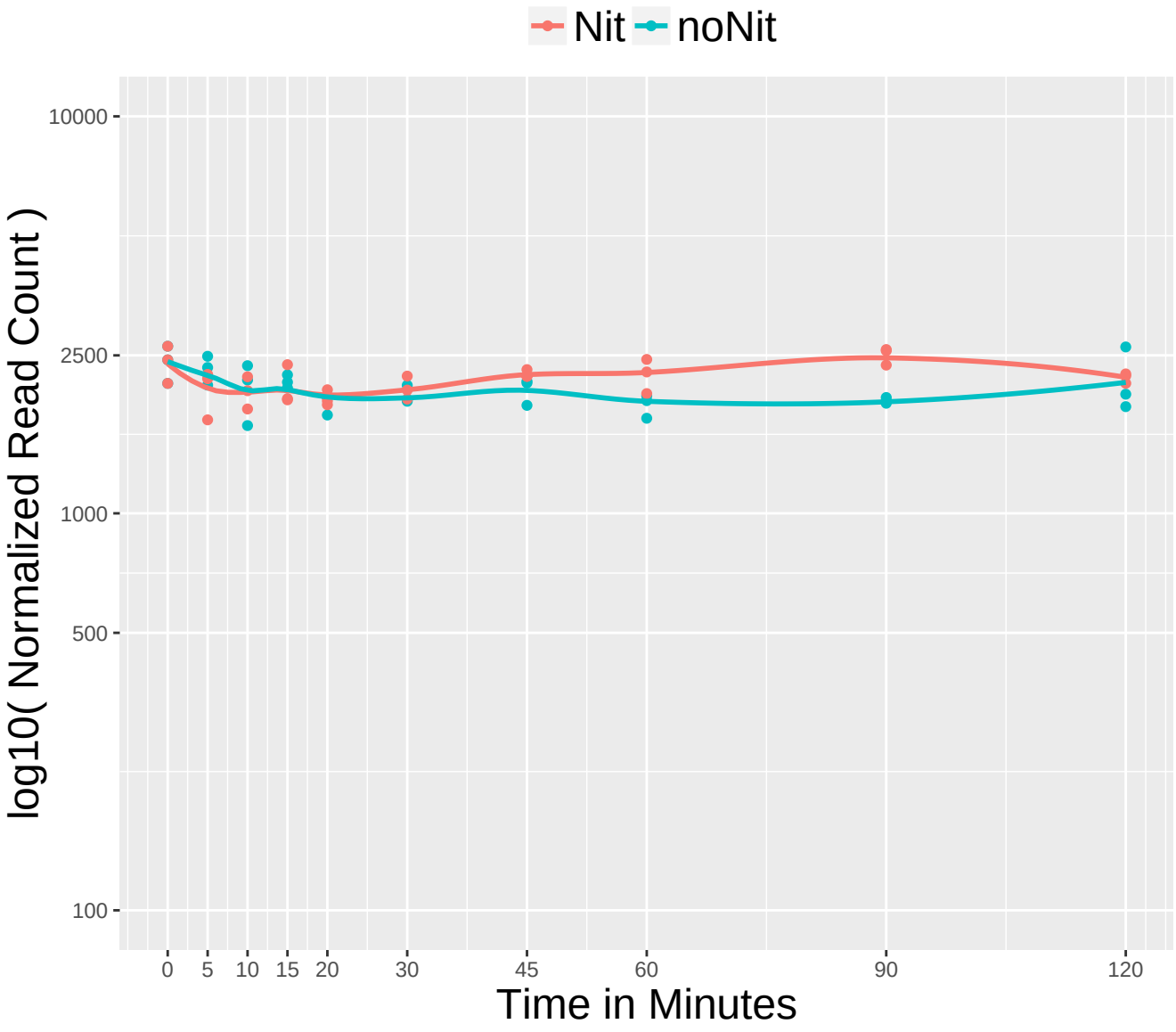

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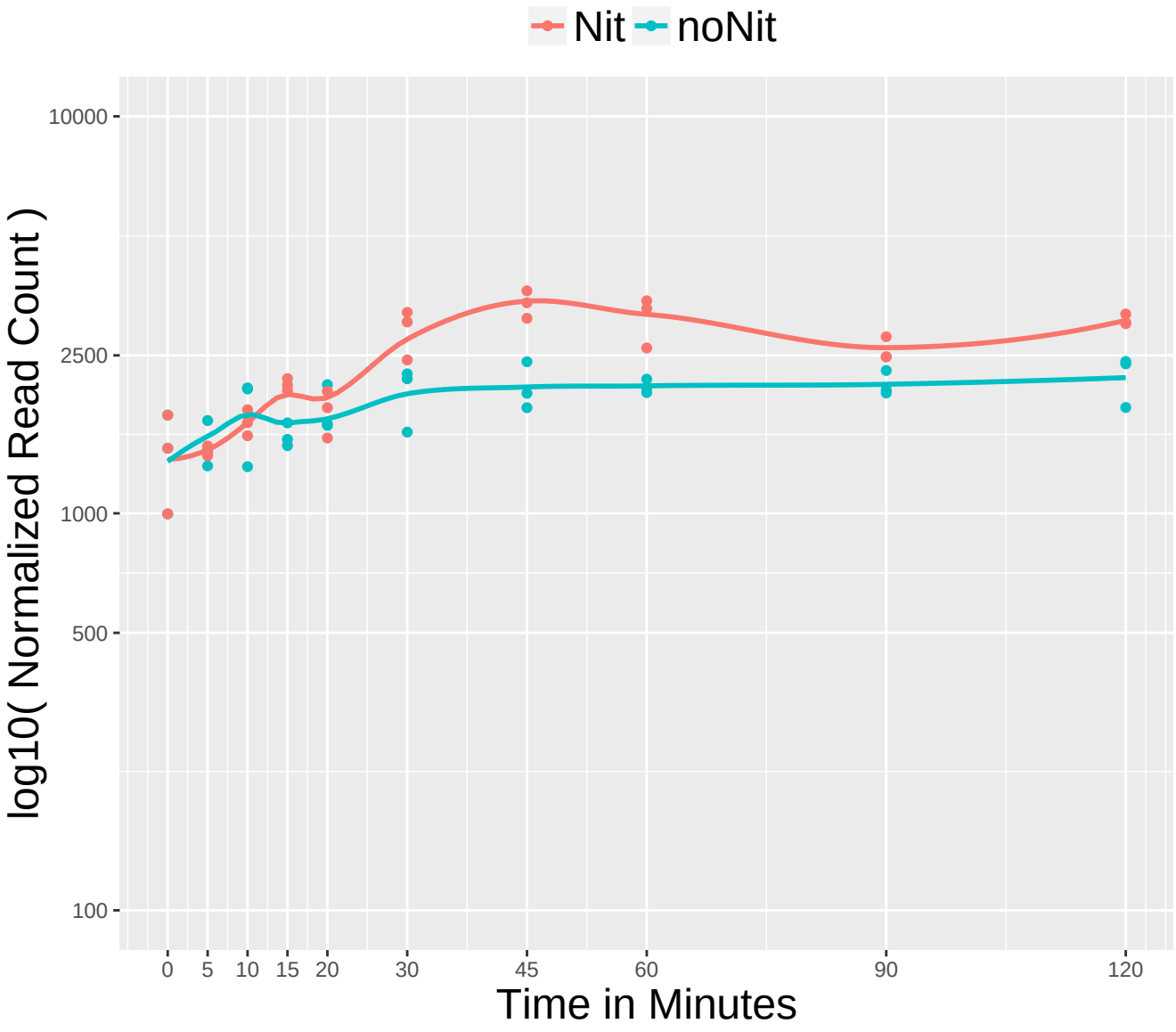
AOC4,allene



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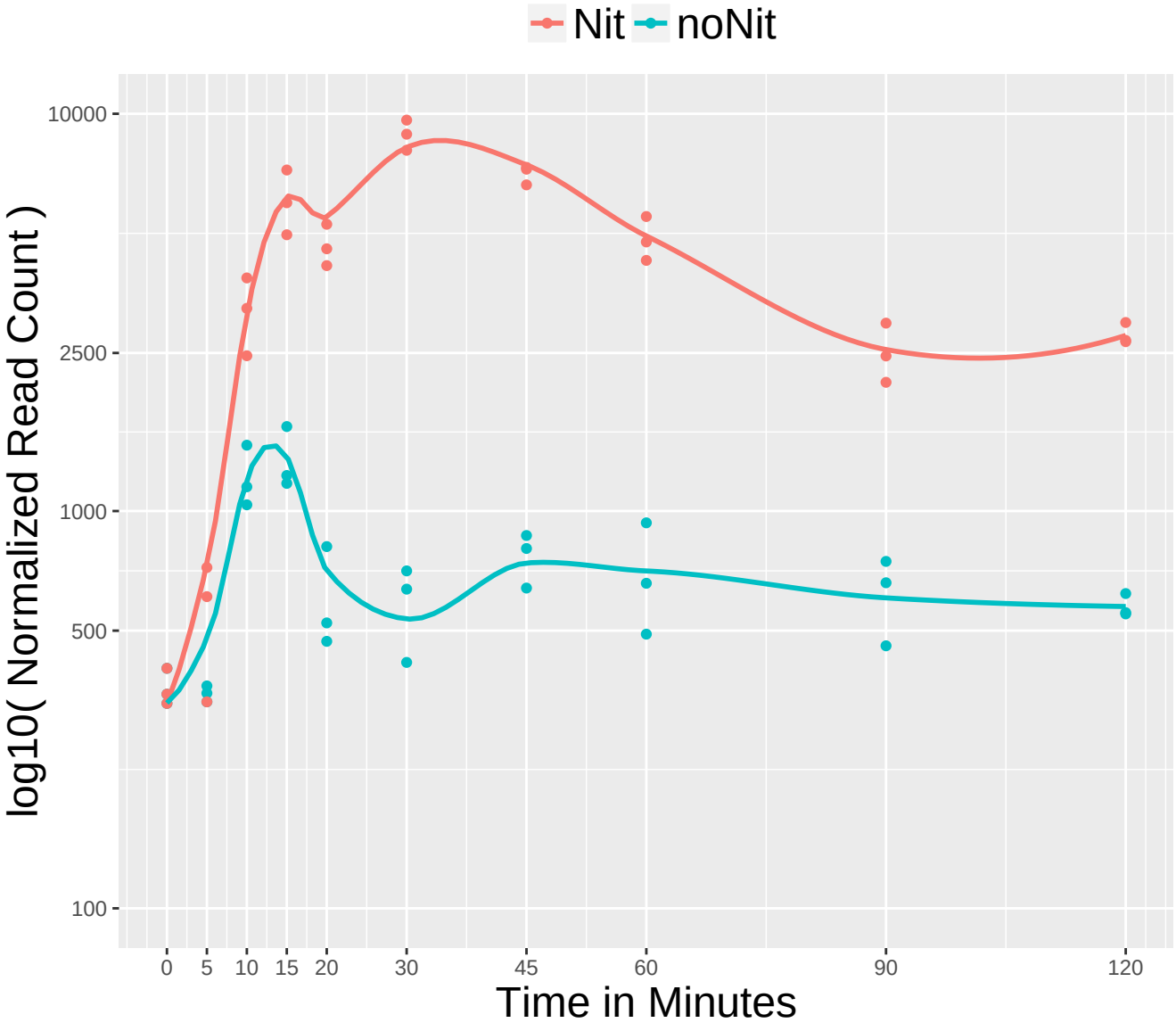
HRS1,HYPERSENSITIVITY



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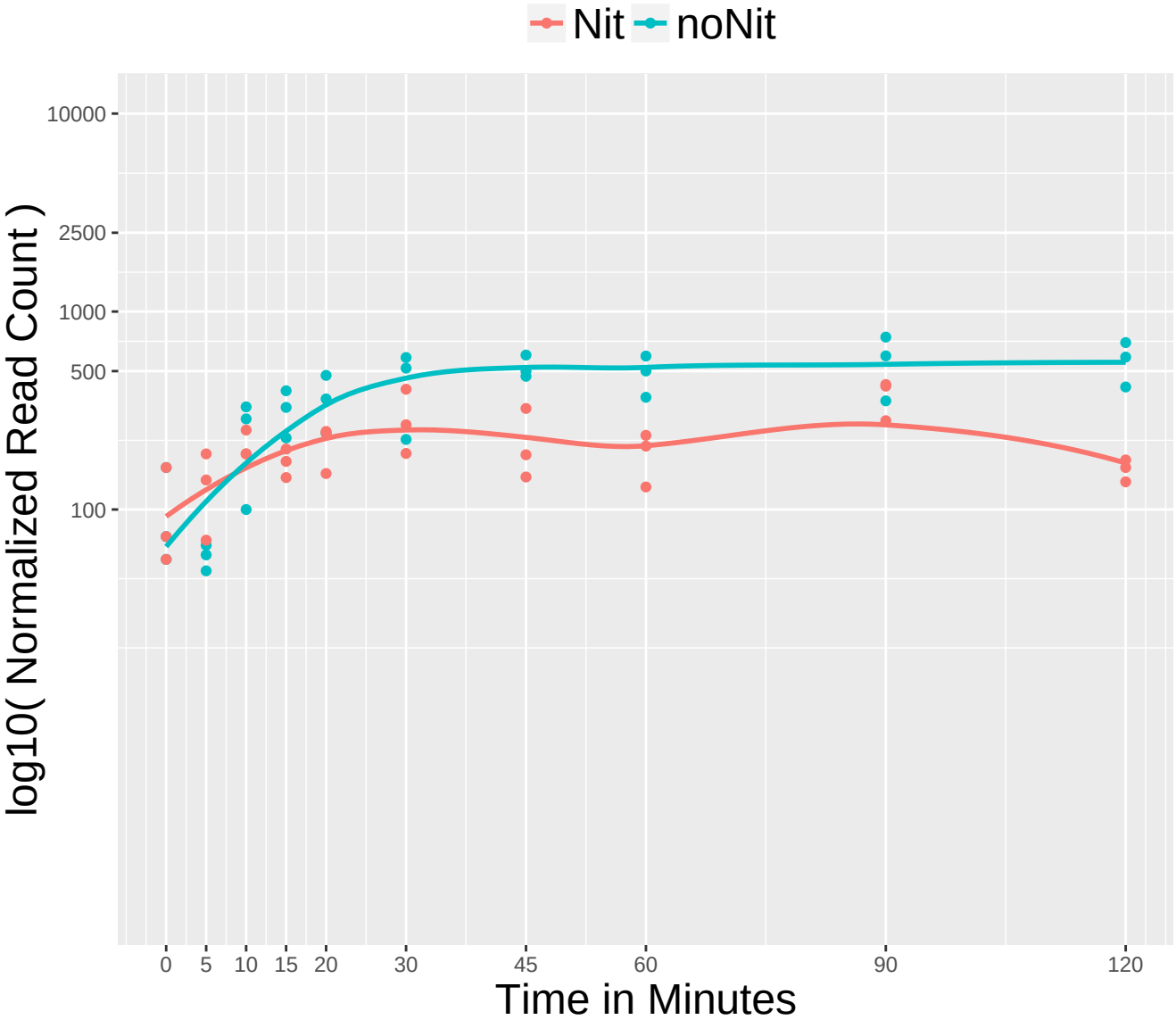
Regulator



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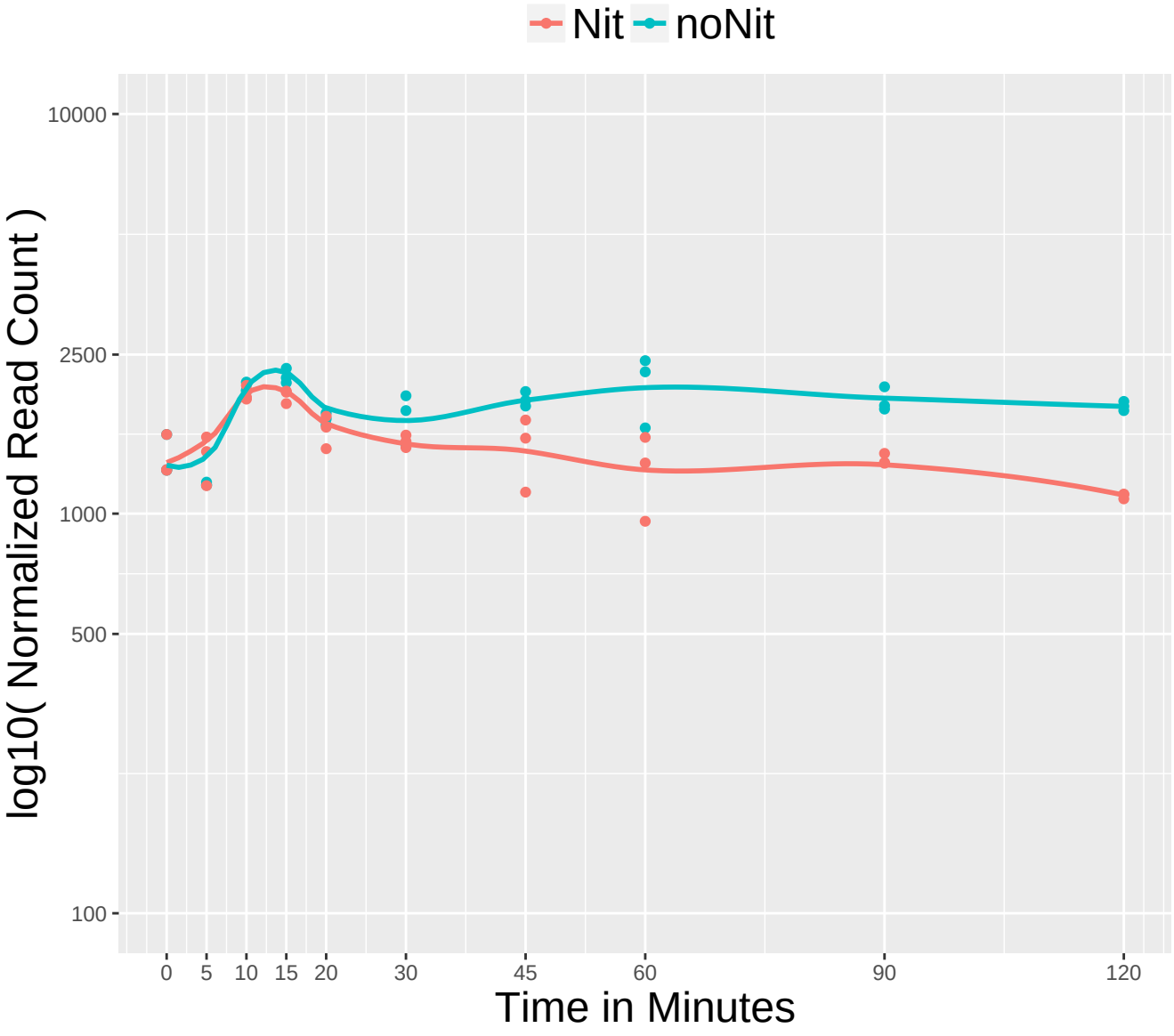
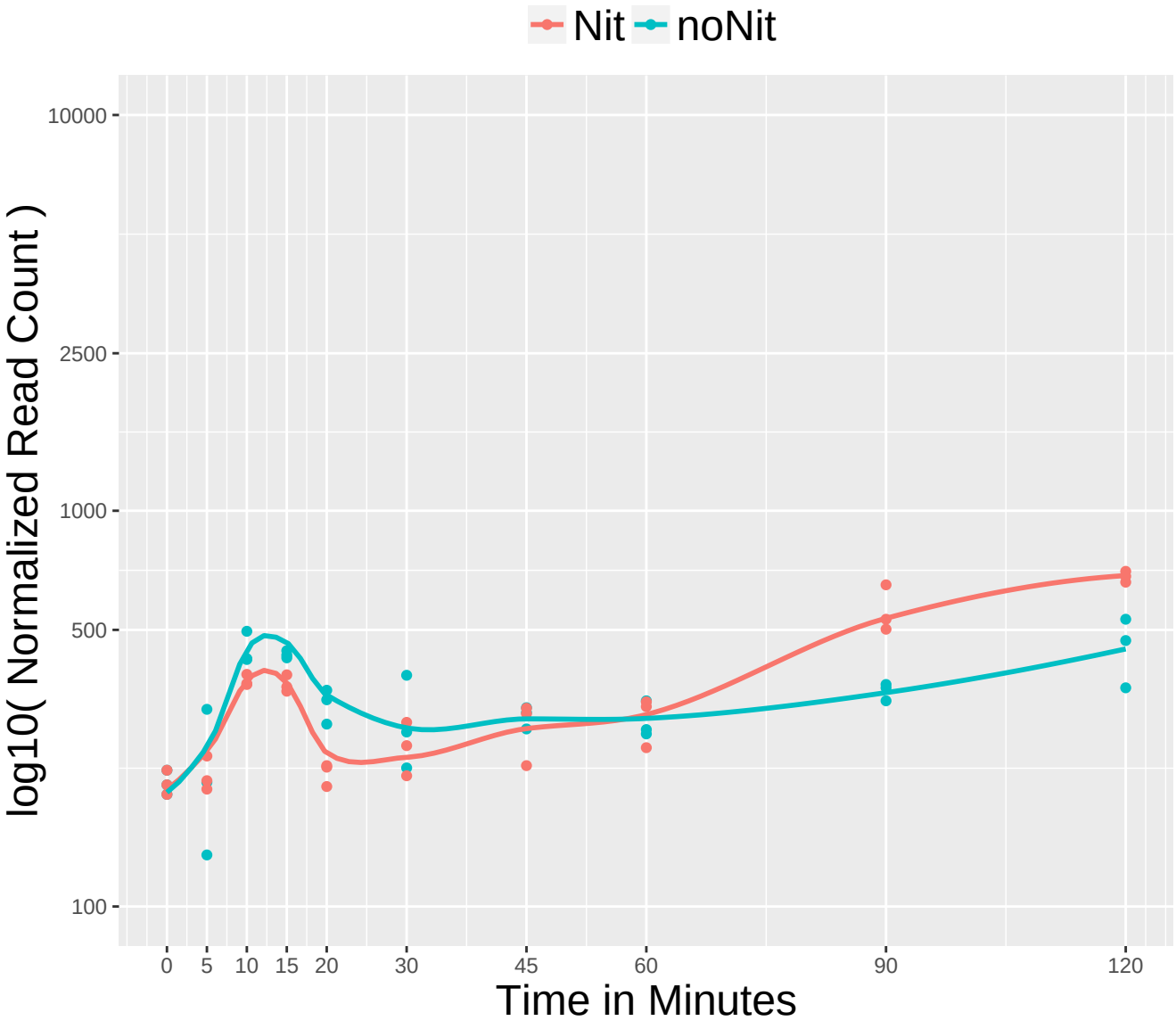


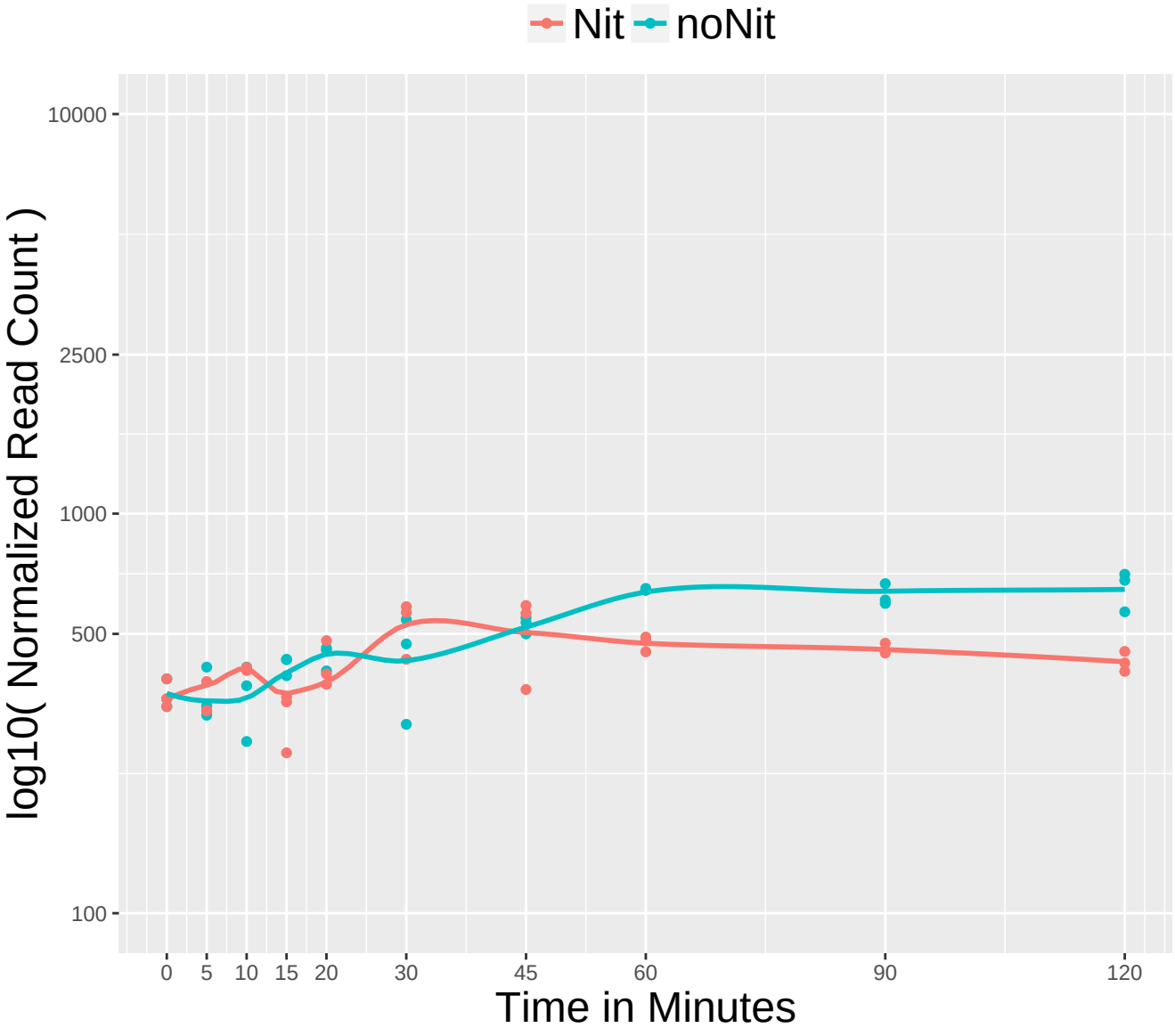
AT2G37980

O−fucosyltransferase



AT3G09760

RING/U−box



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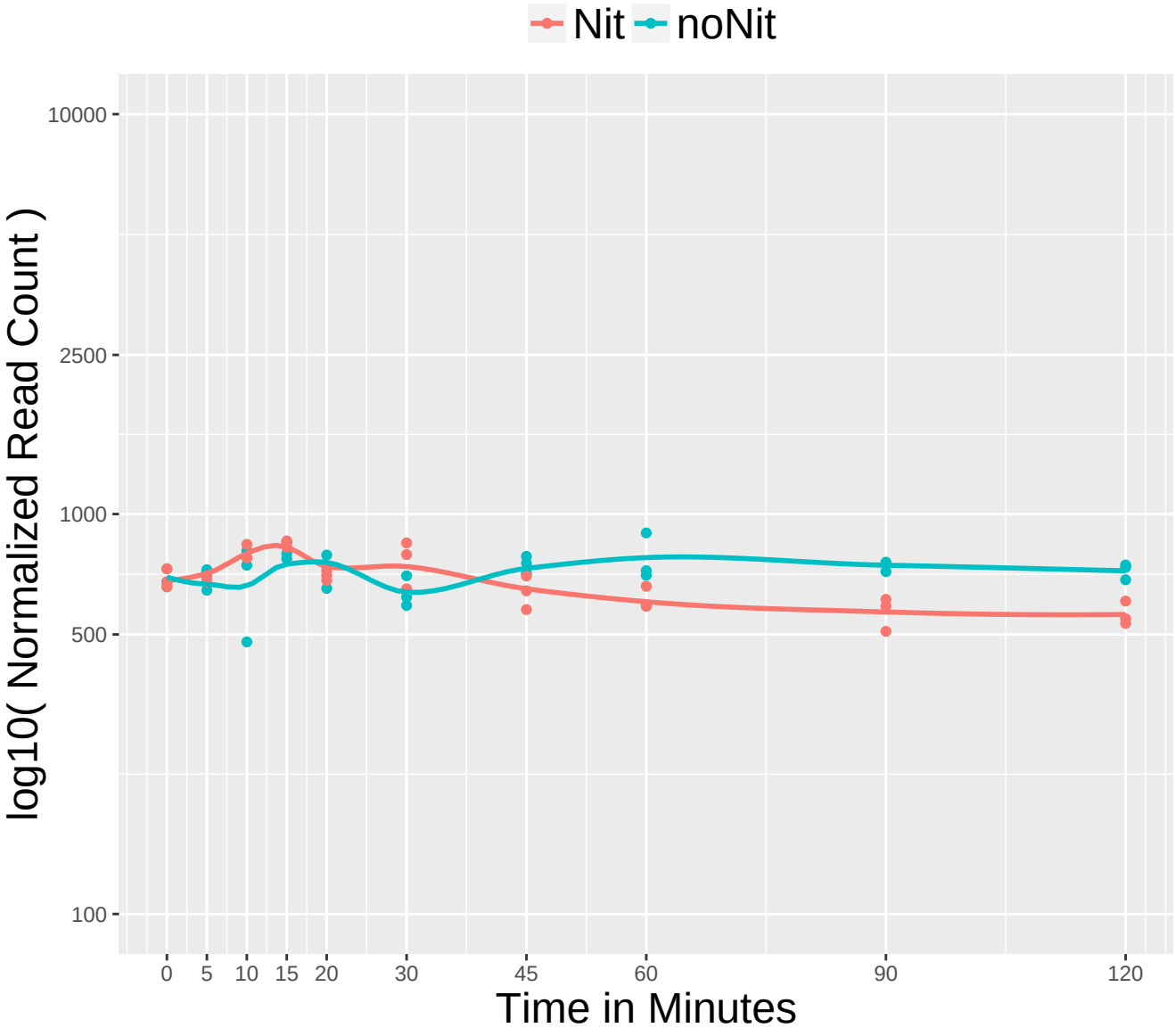

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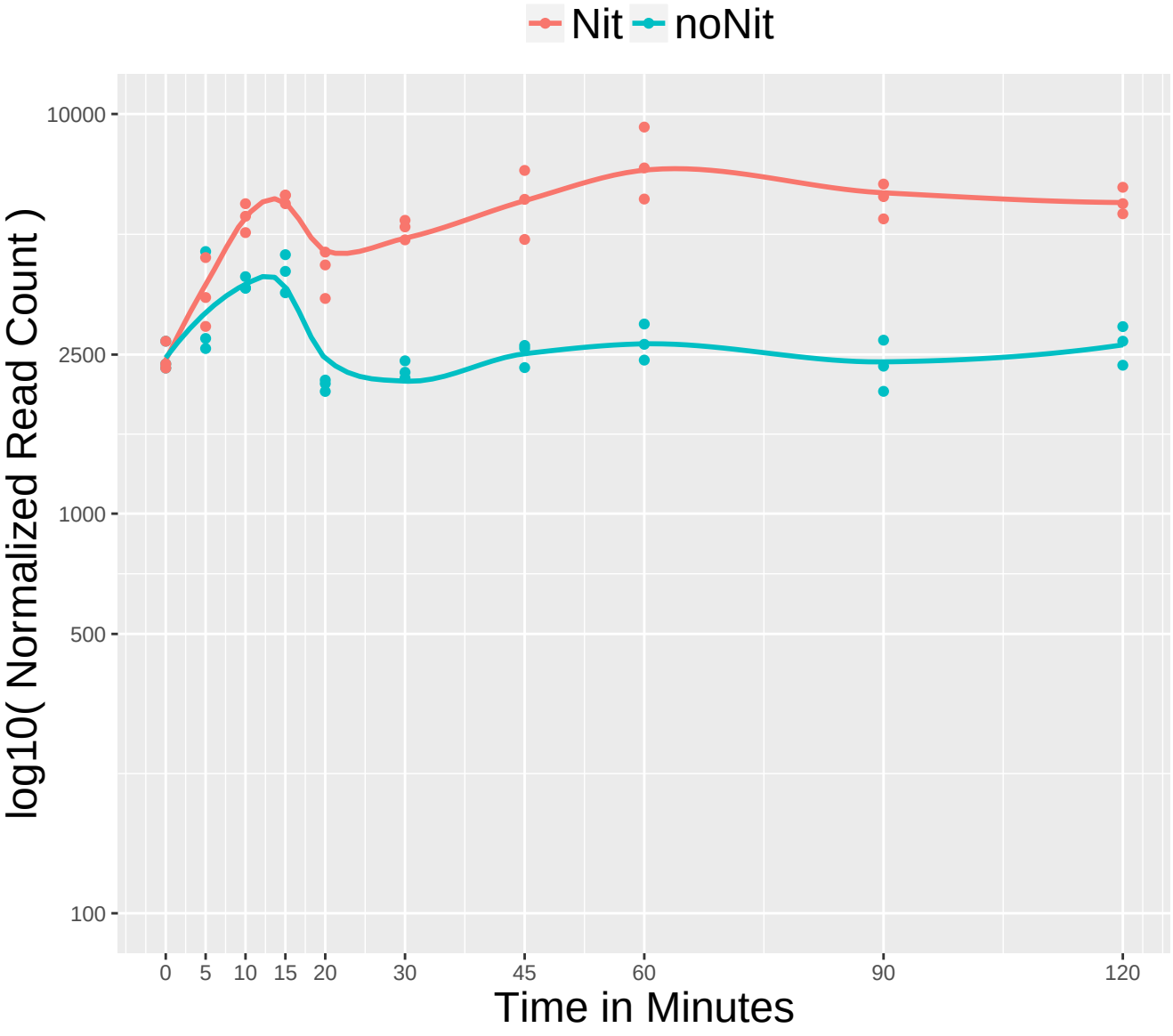
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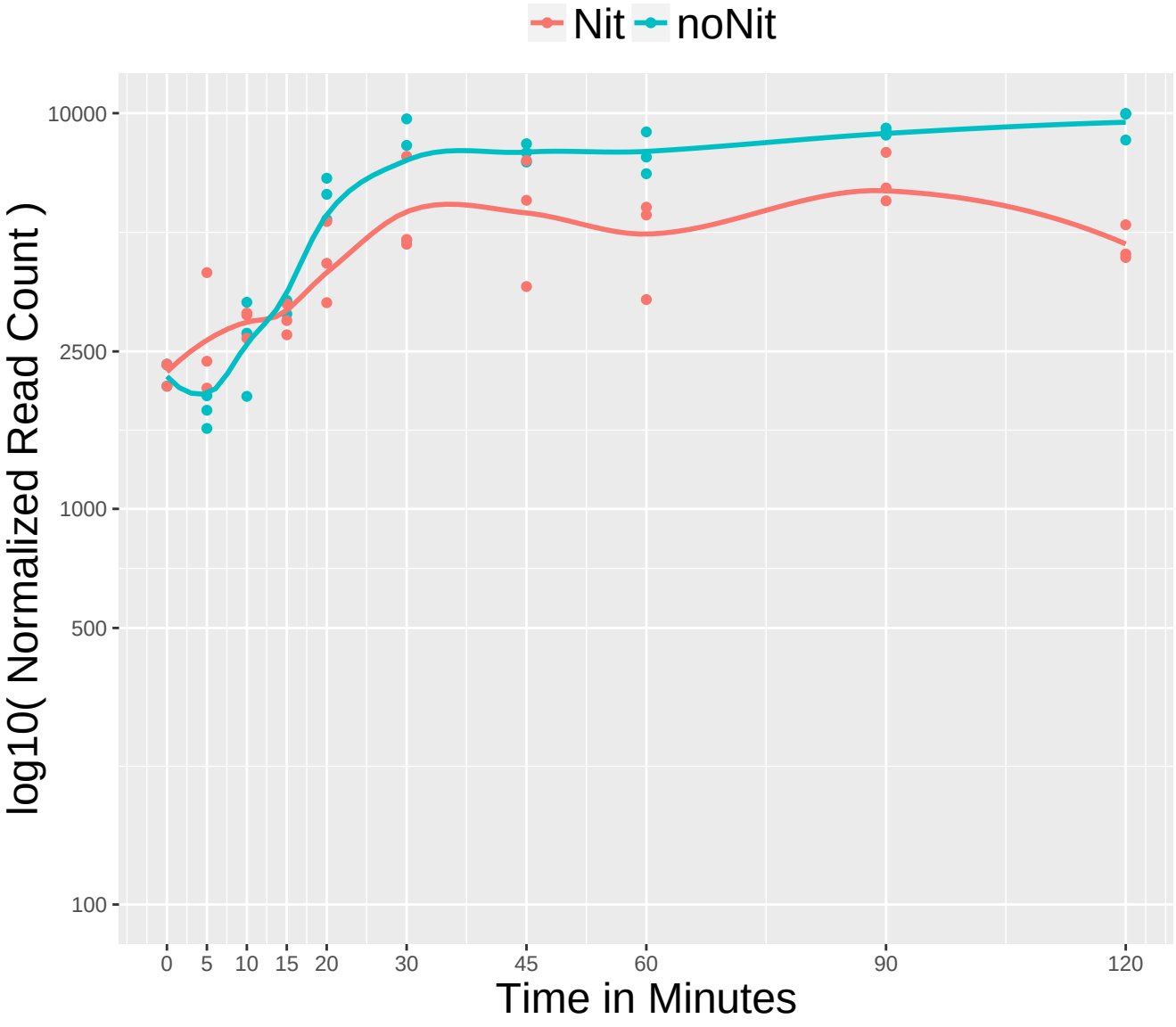
Time in Minutes

AT3G59970

MTHFR1,methylenetetrahydrofolate



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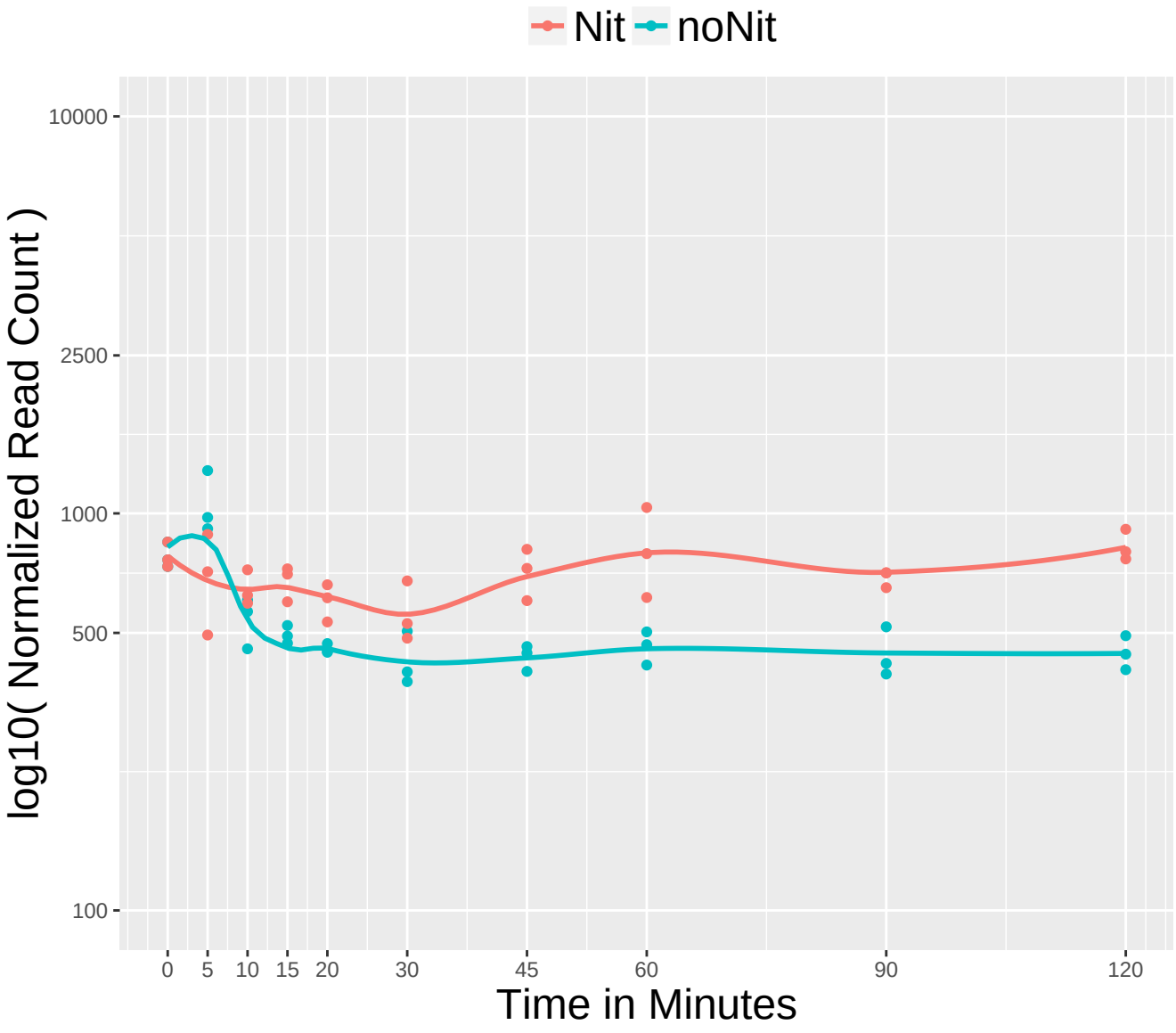

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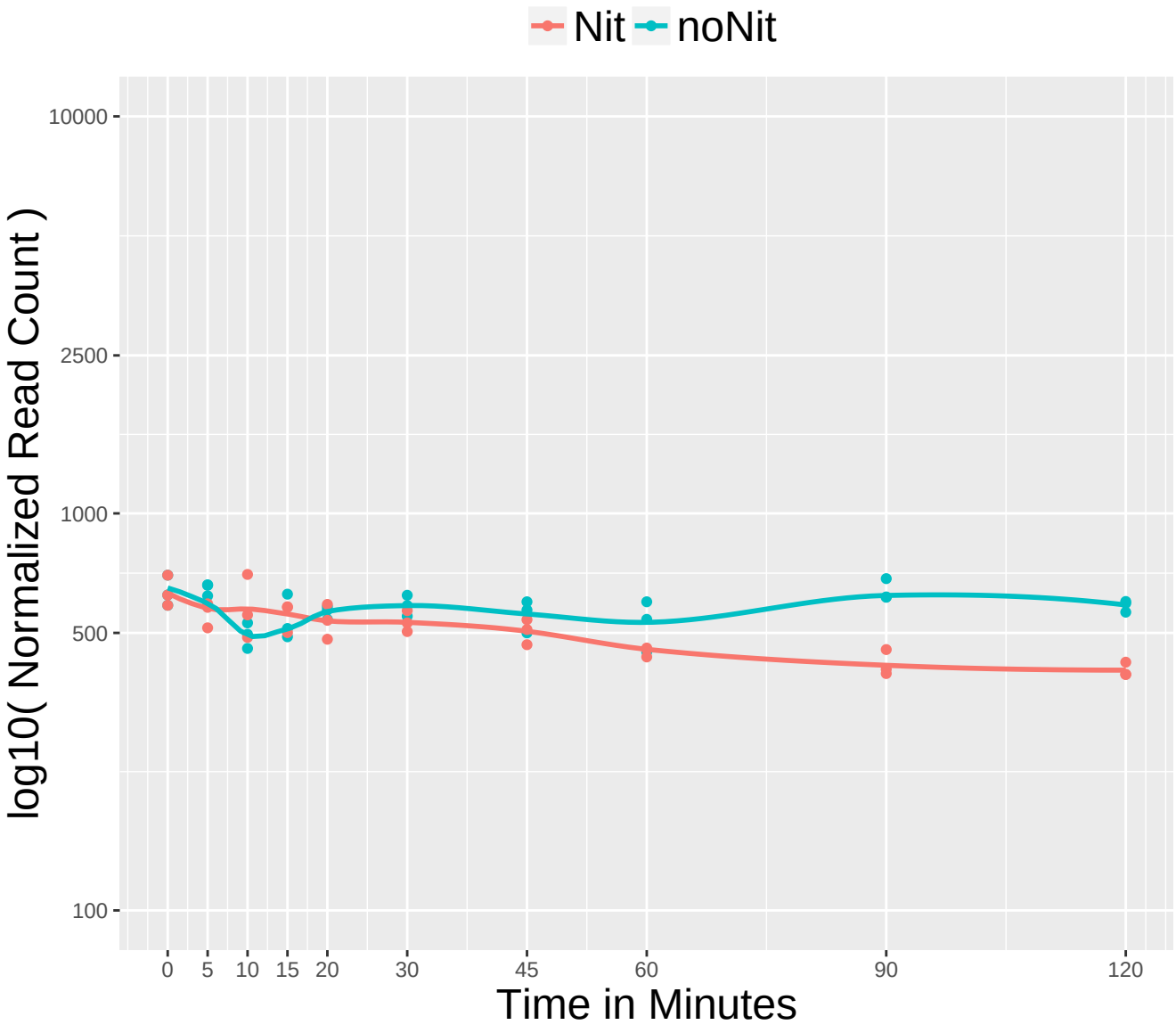
TBL23,TRICHOME



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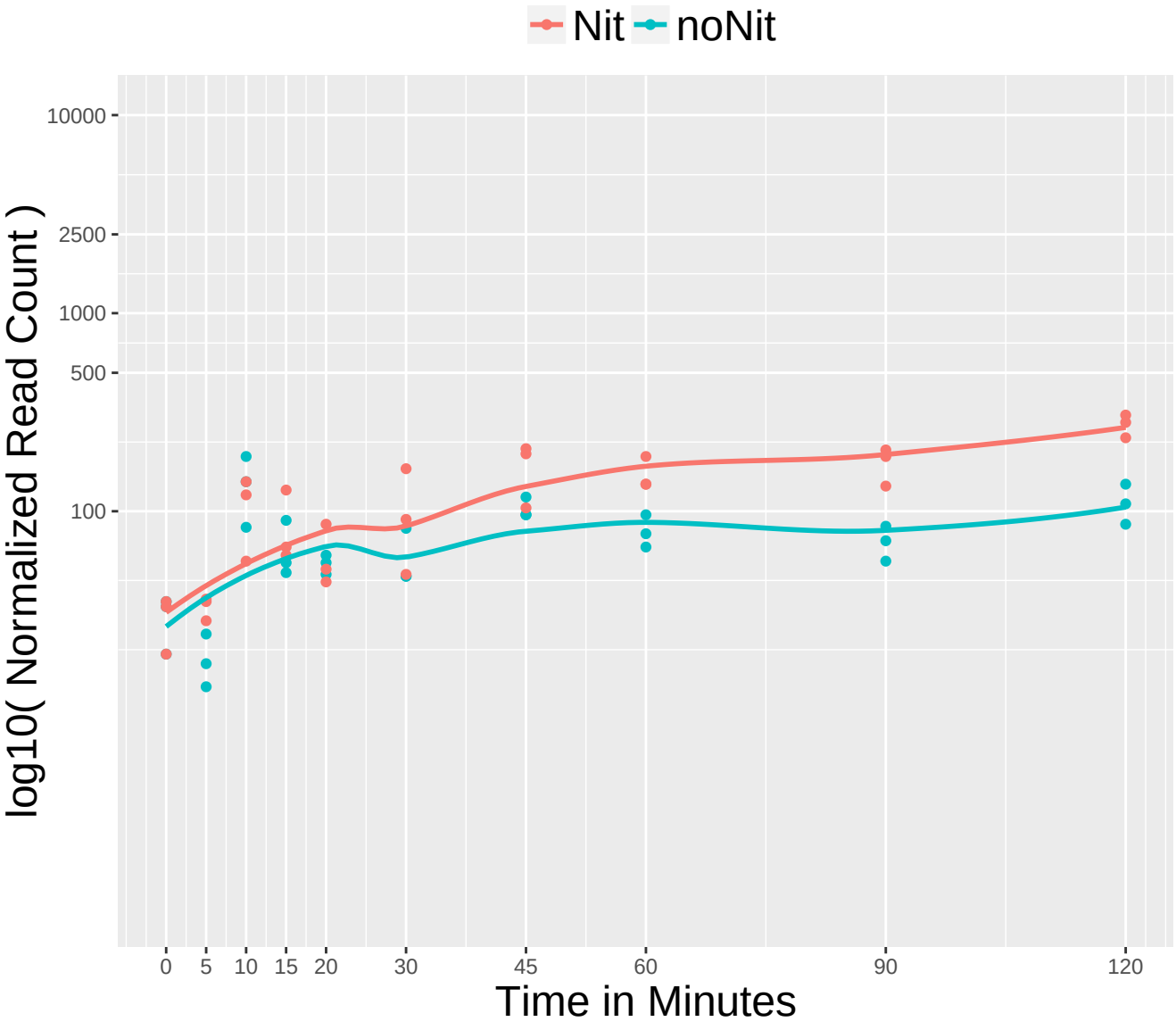

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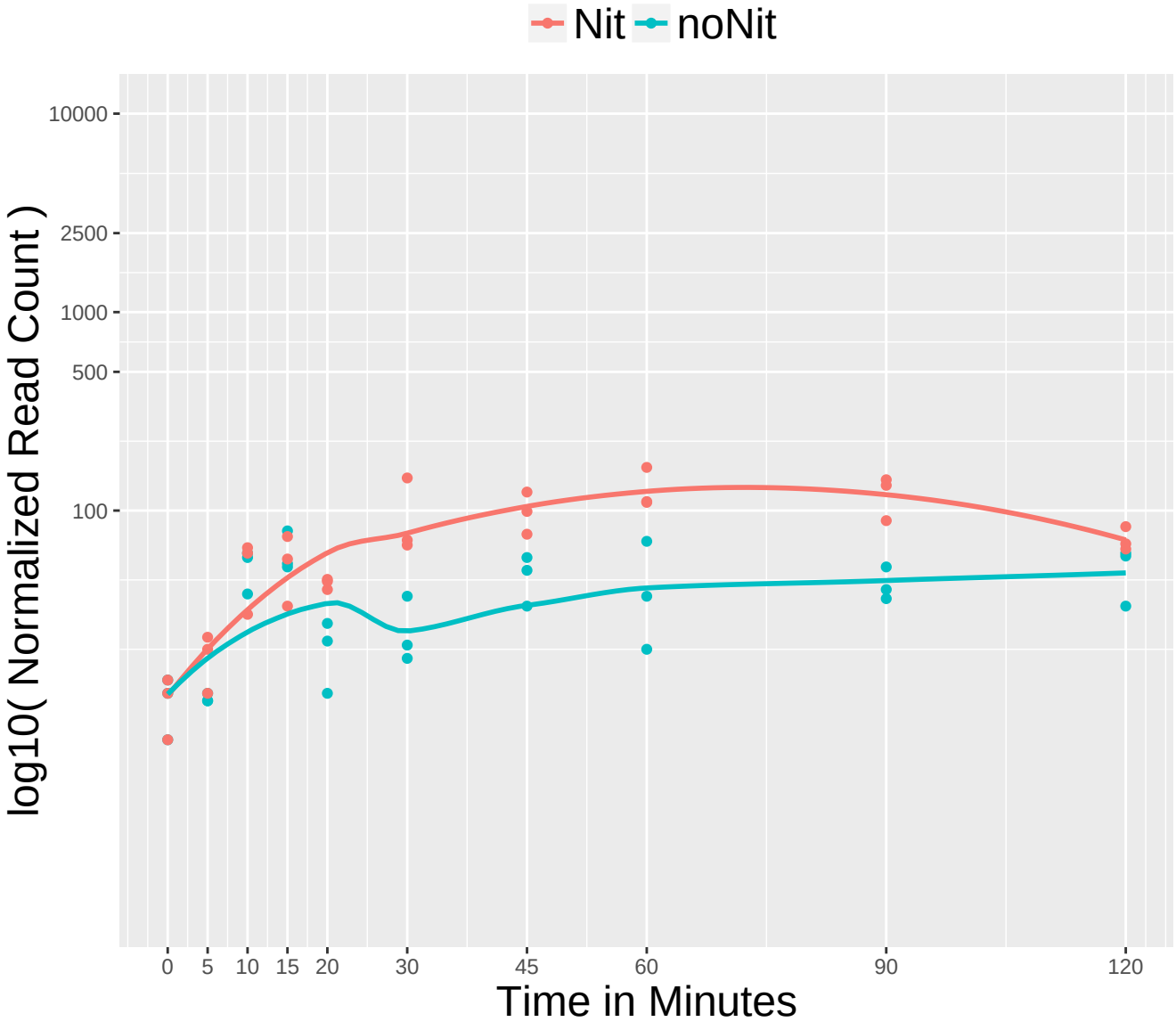

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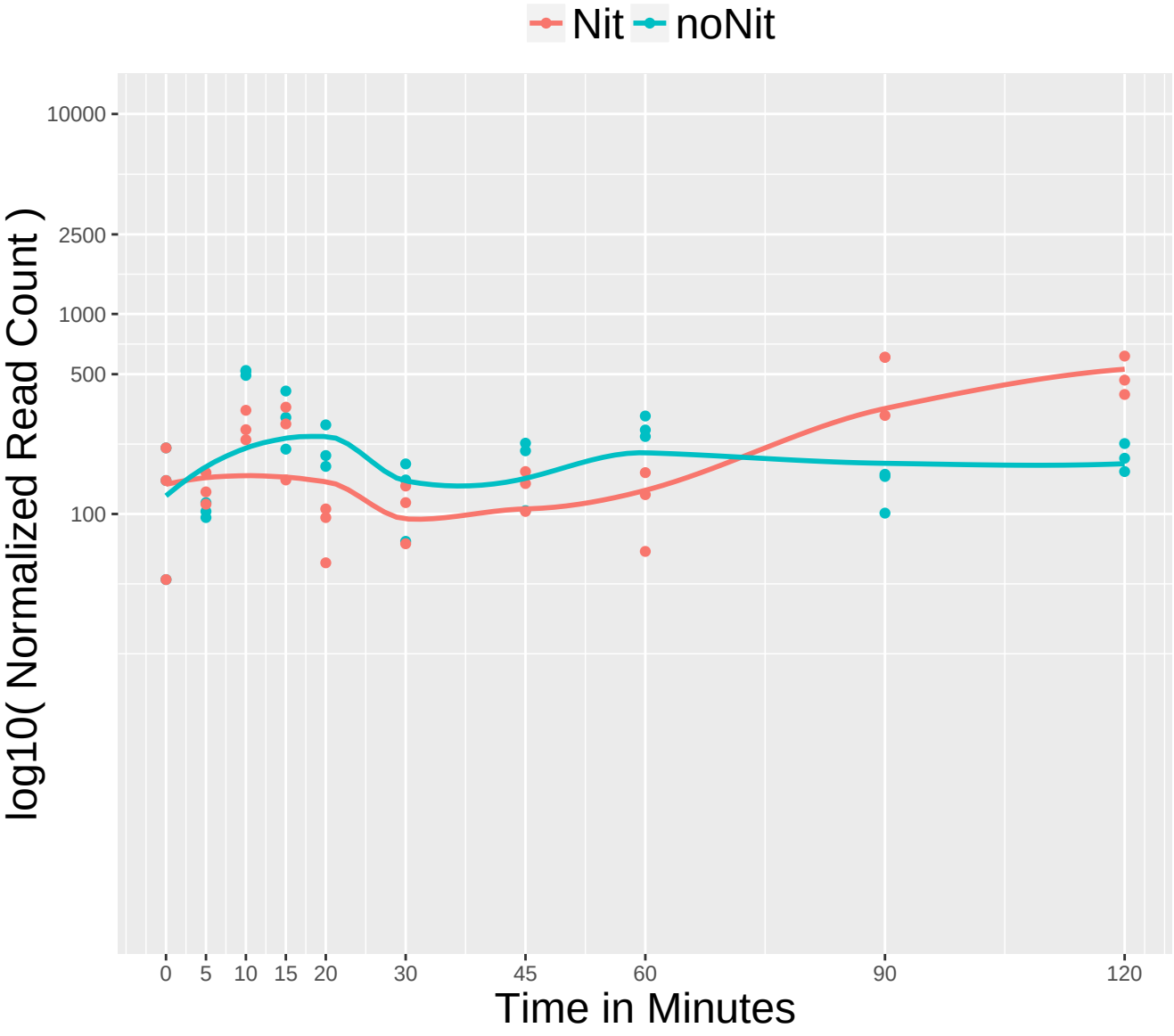

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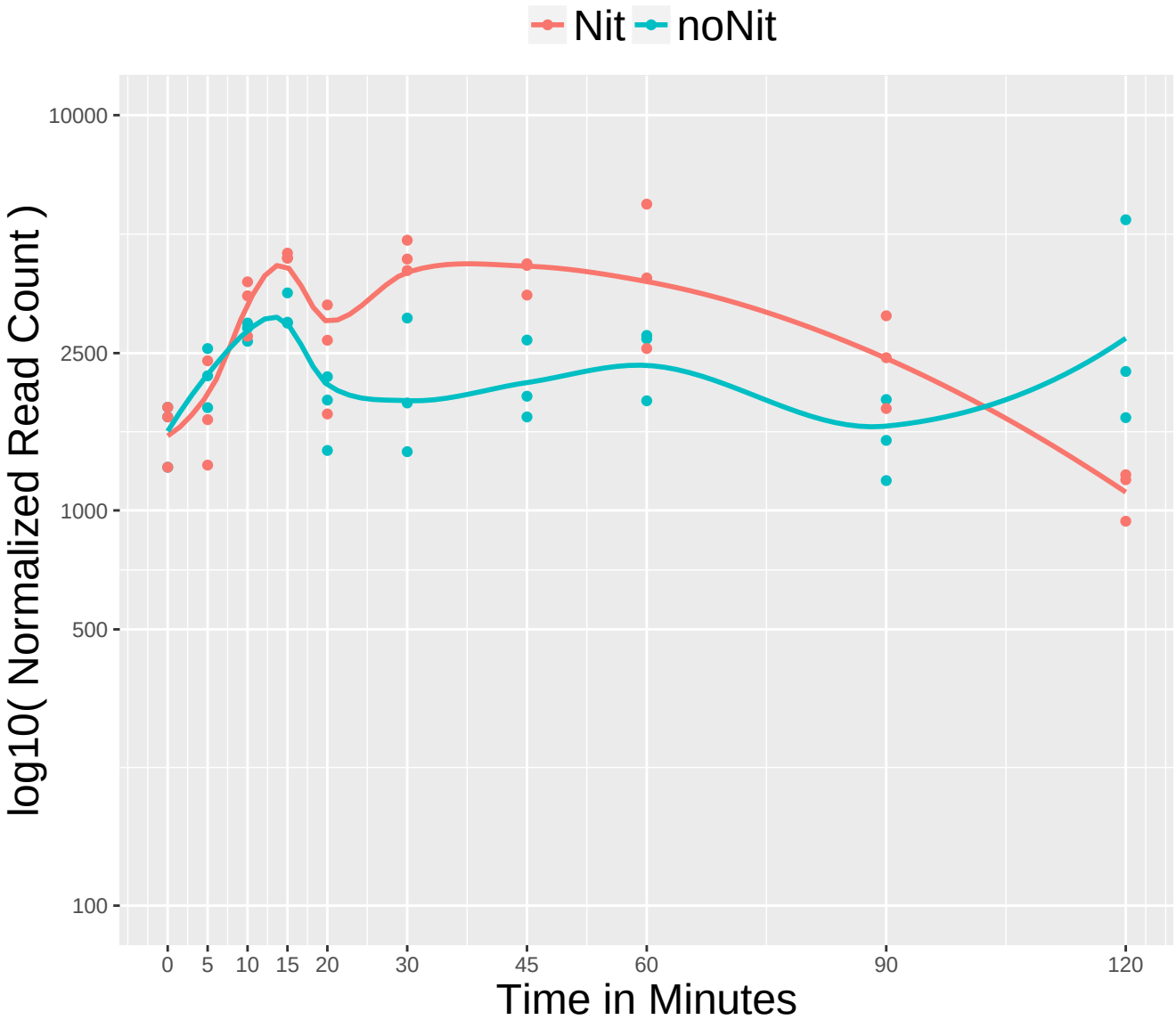
UGT73B2,UDP−glucosyltransferase



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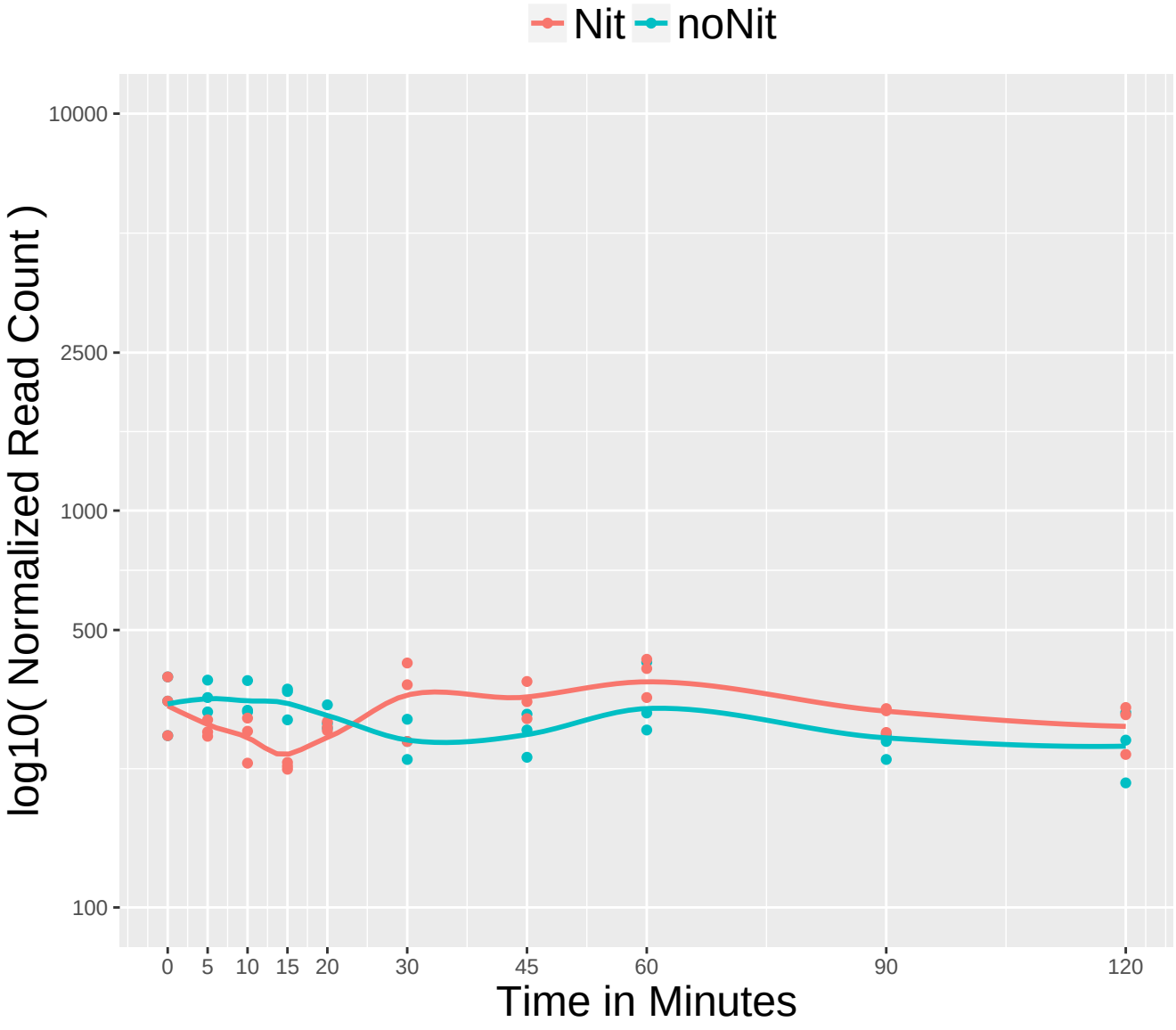
atnudt20,nudix



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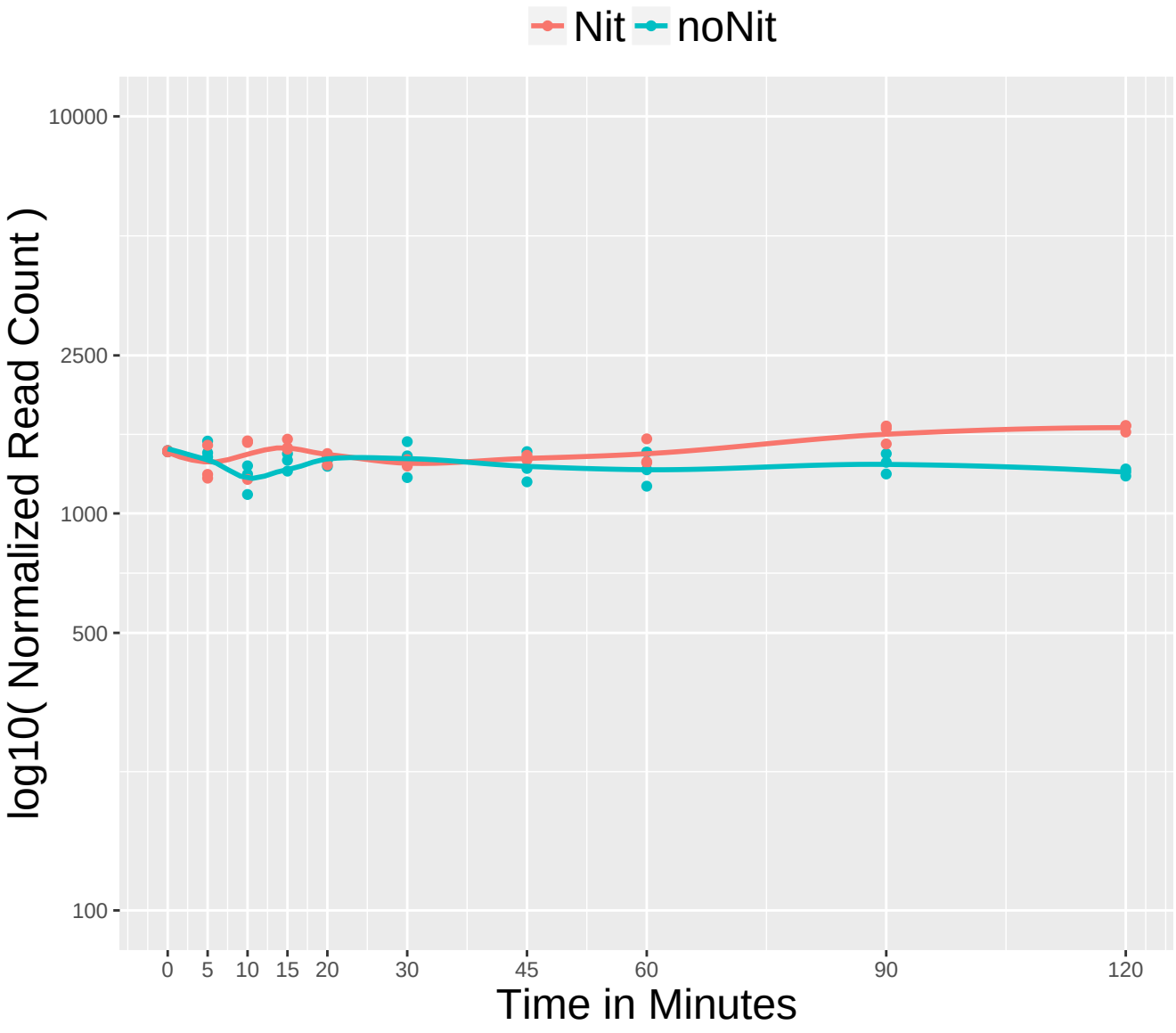
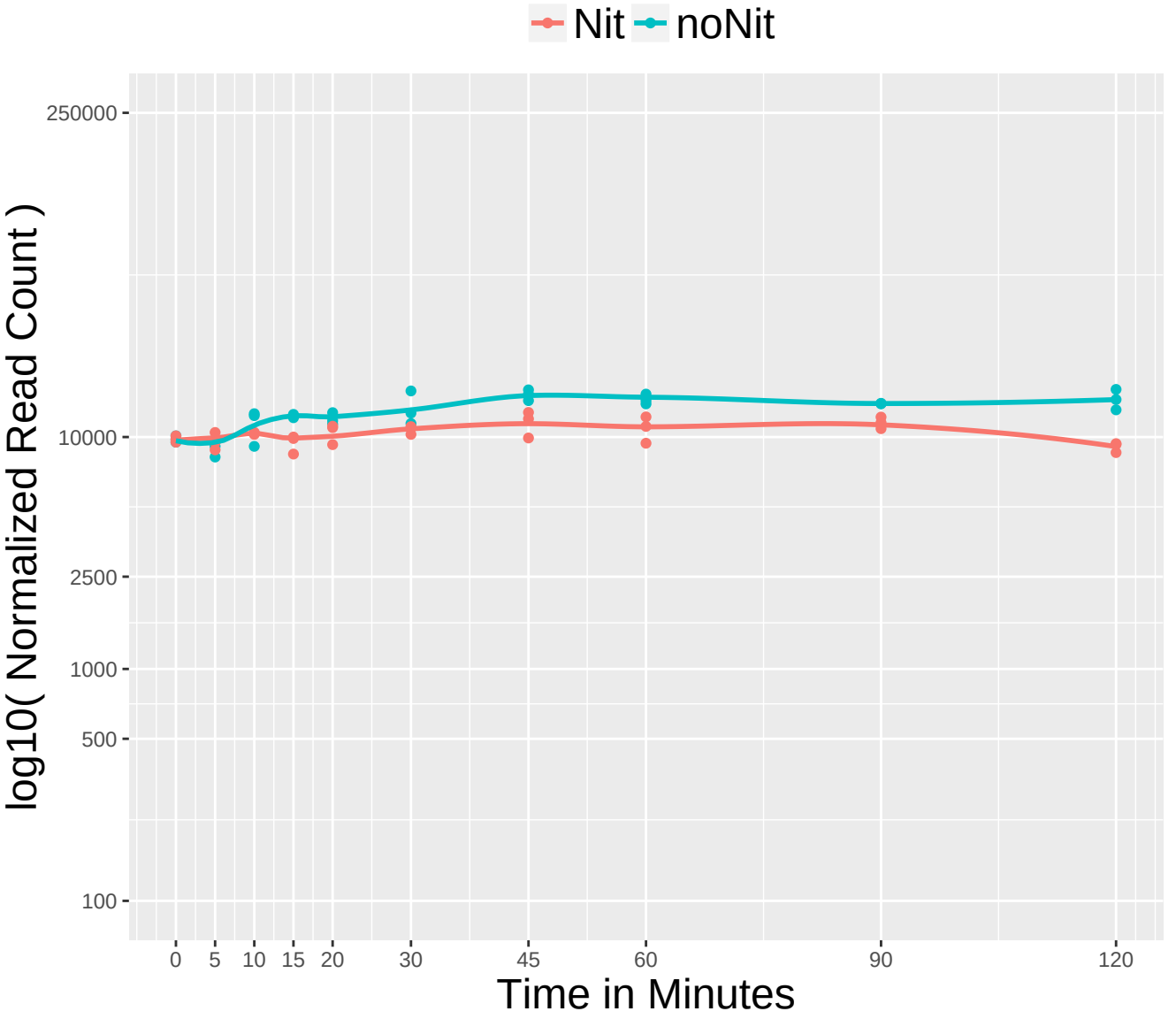
CNX5,"co−factor



AT5G66760

SDH1−1,succinate



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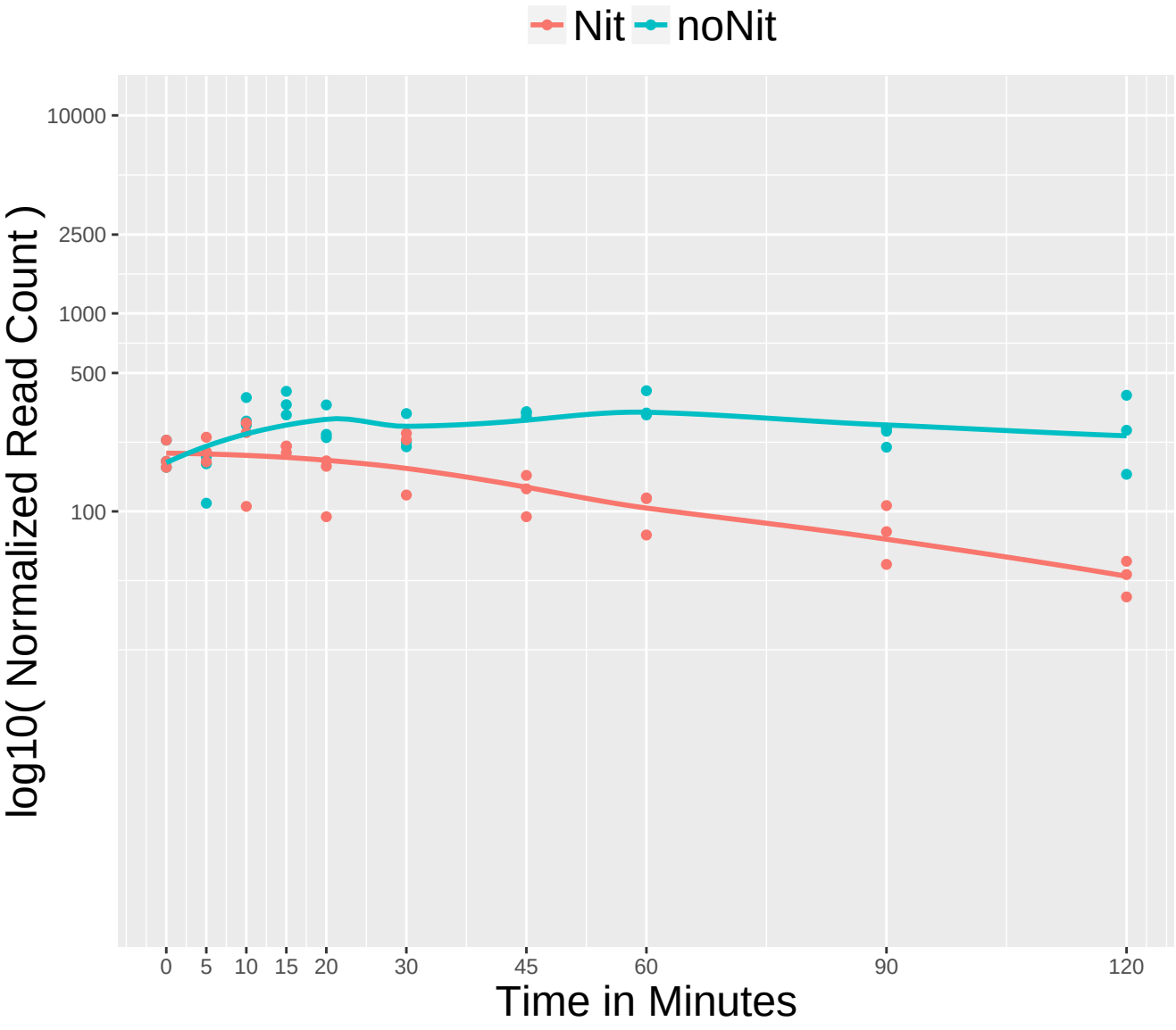
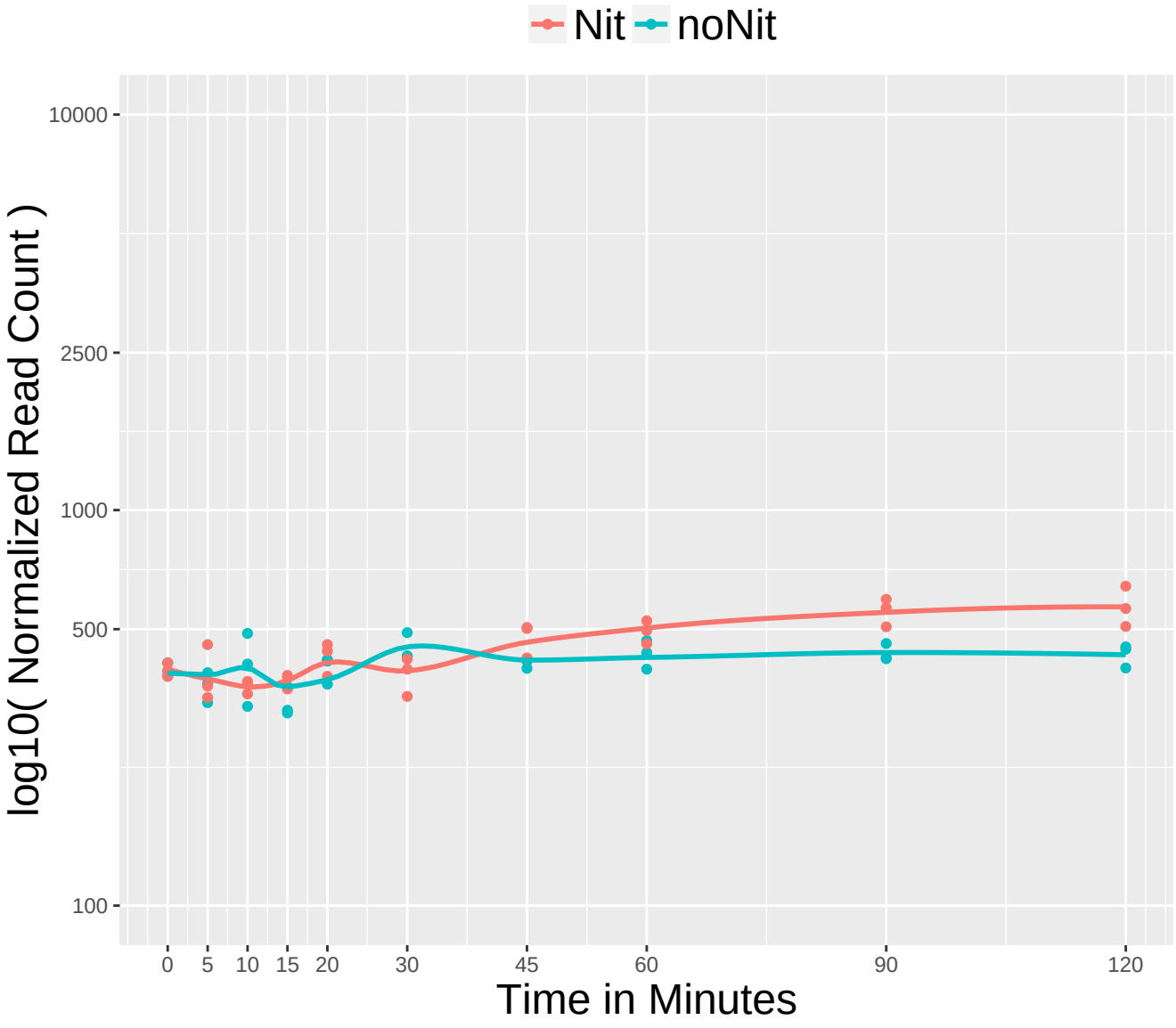
CIPK9,CBL−interacting



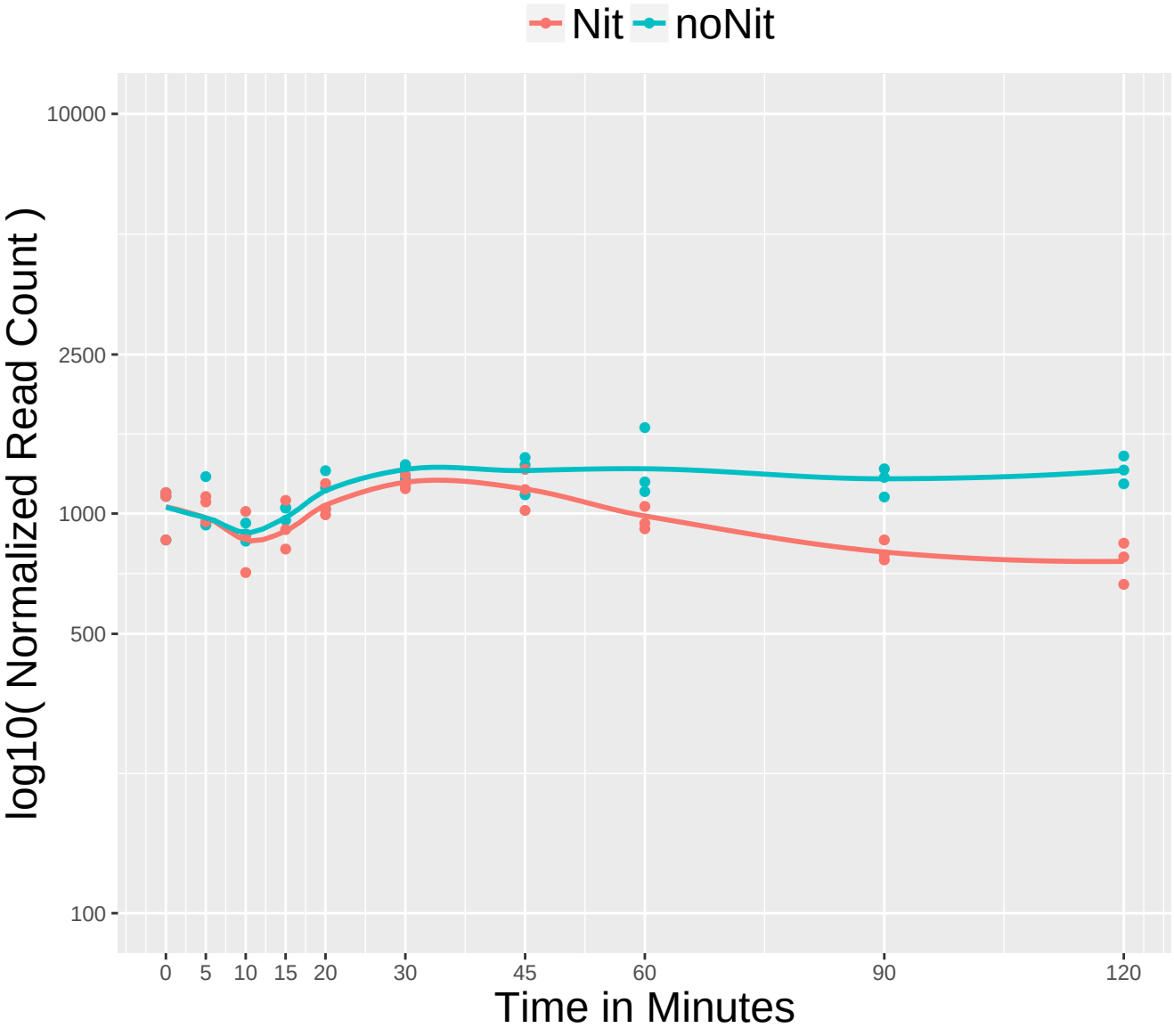
AT1G20300

Pentatricopeptide



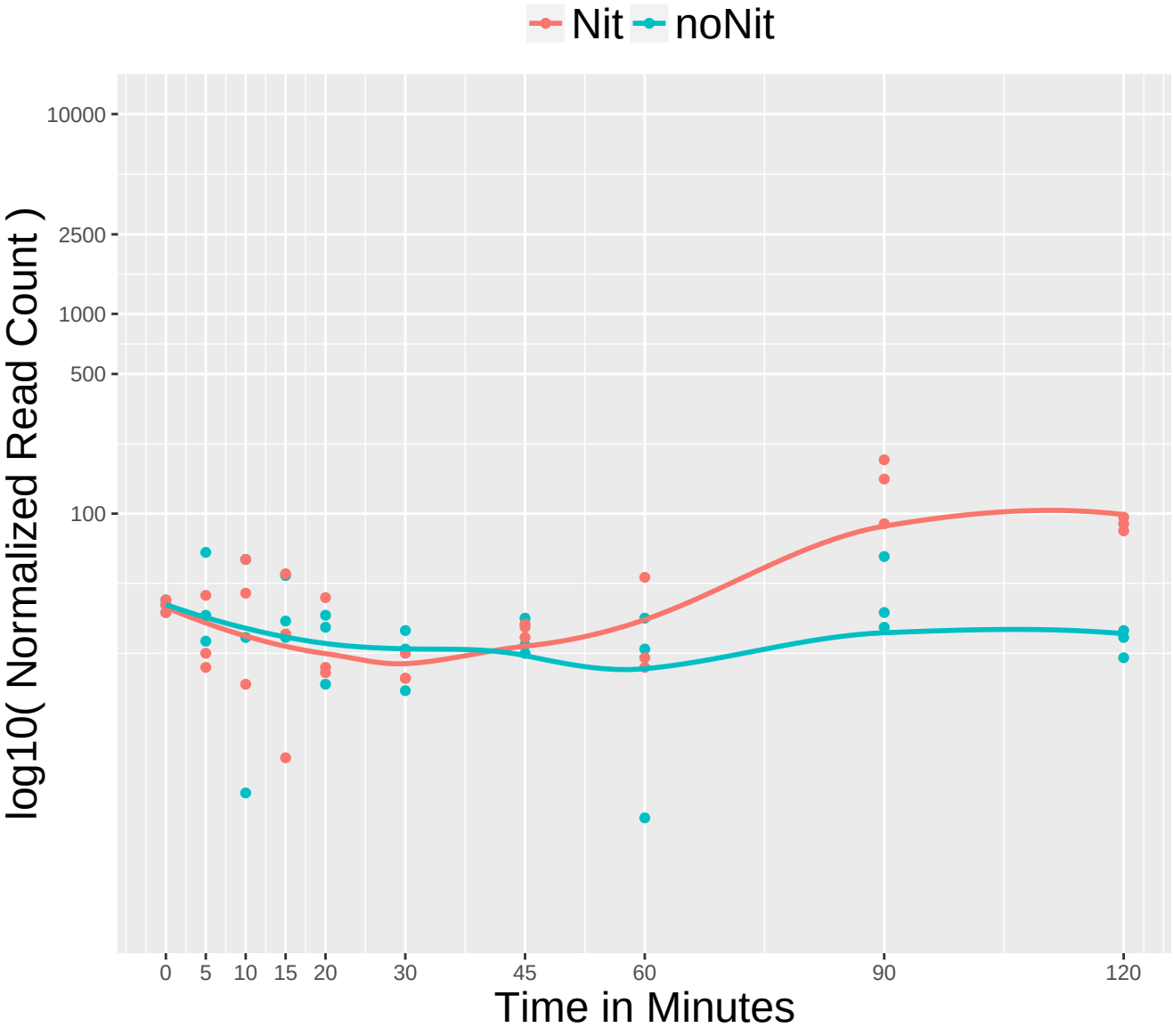
AT1G47380

Protein



AT1G49200

RING/U−box



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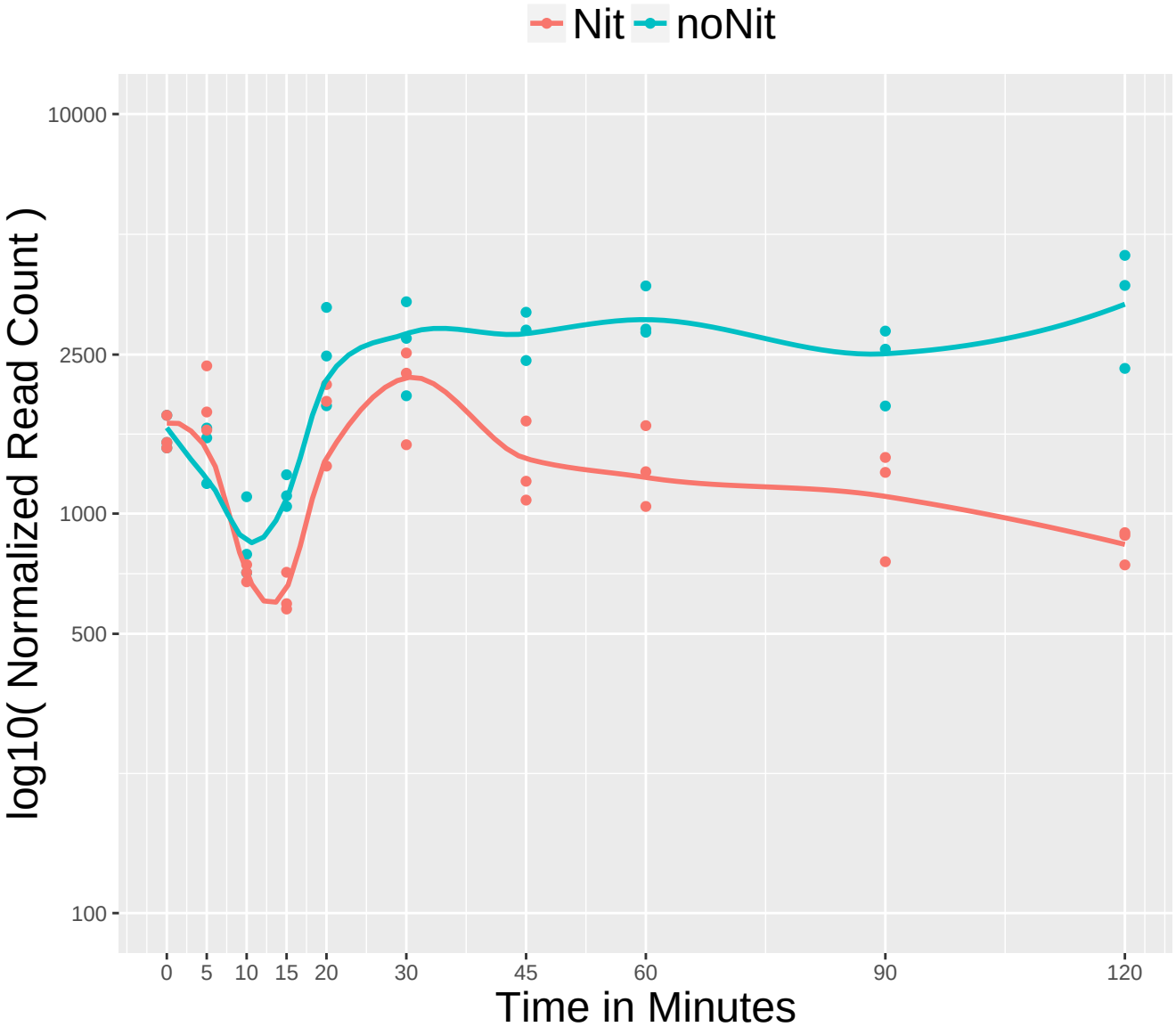
S−locus



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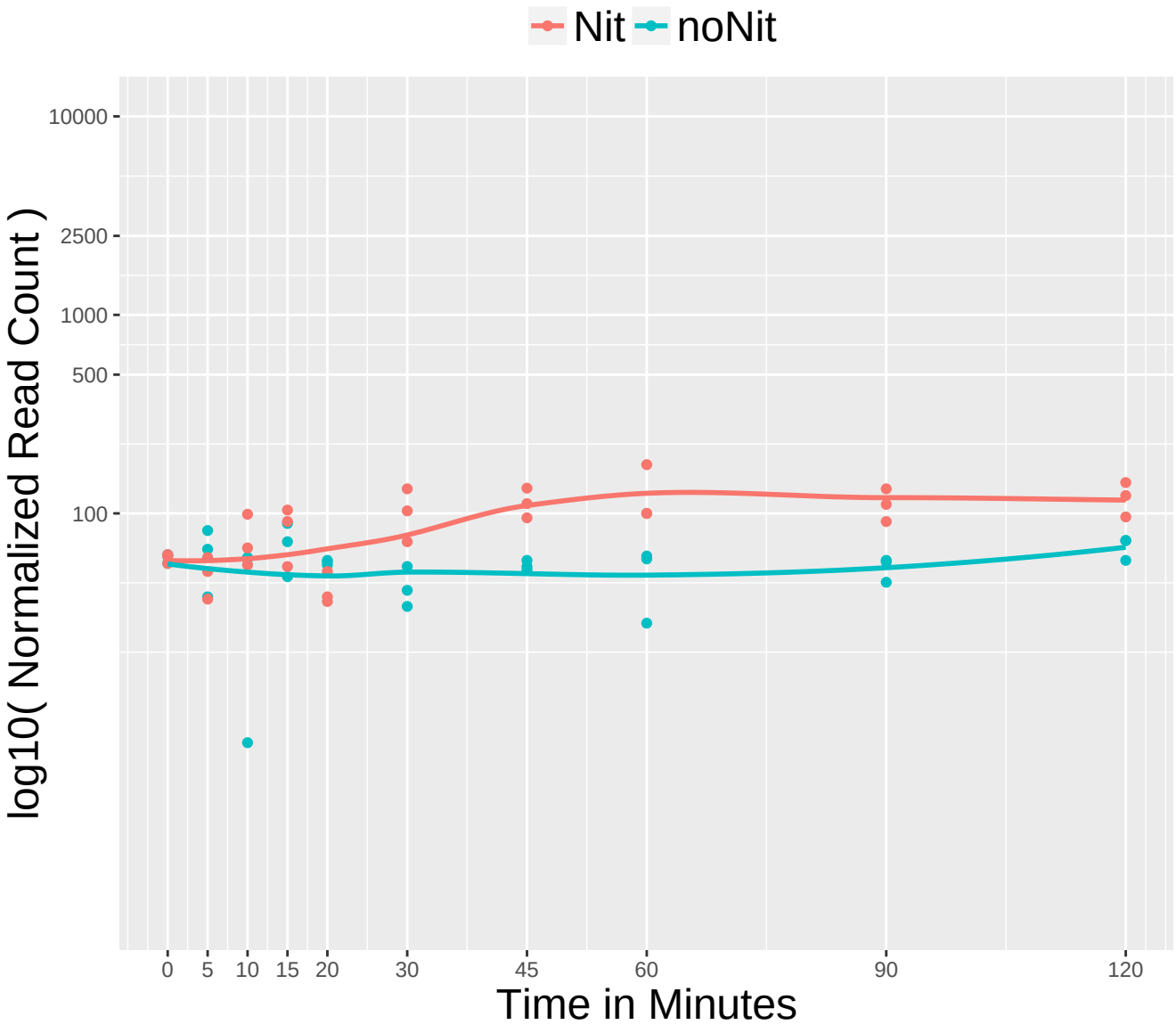
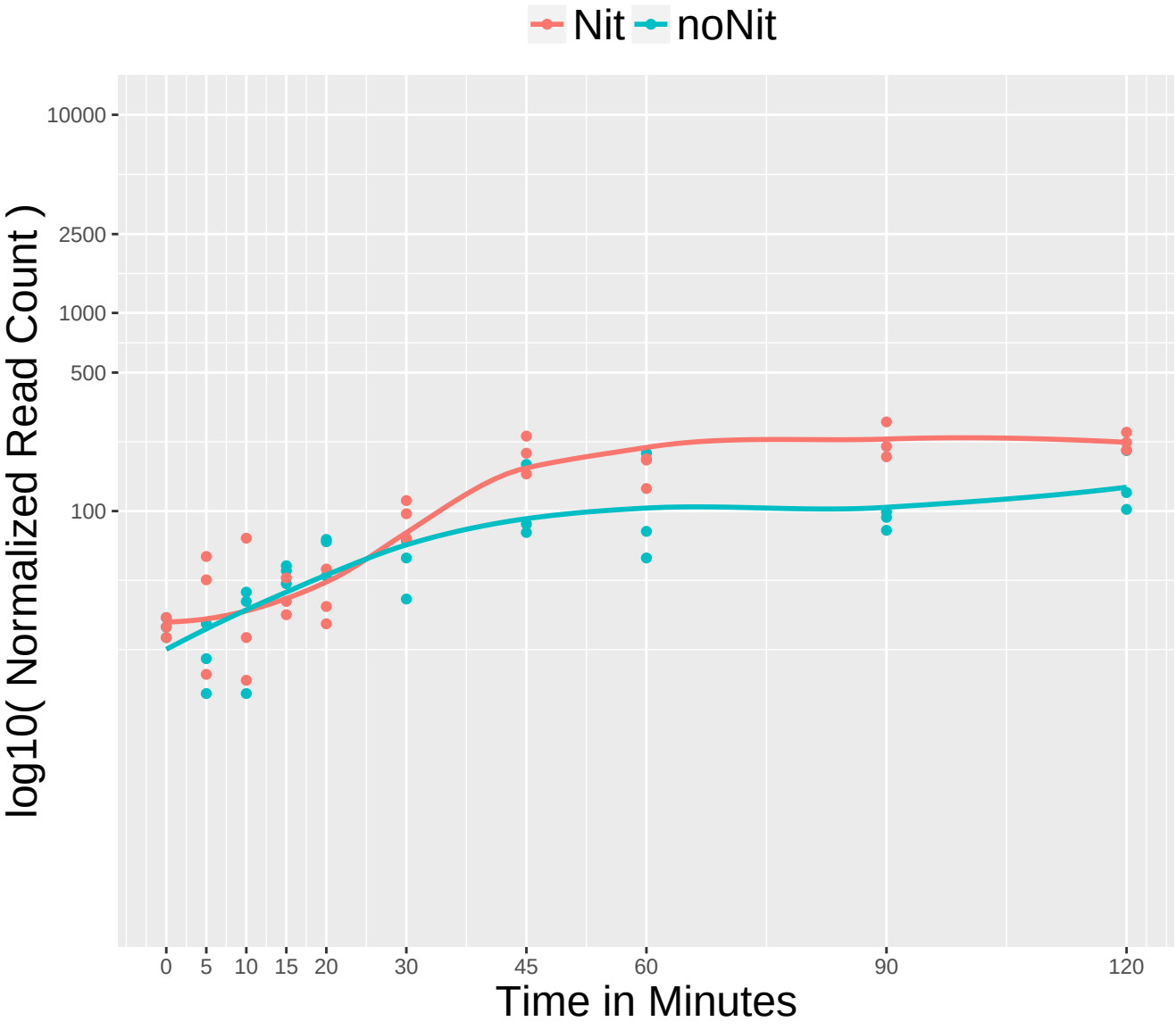
RTL1,RNAse



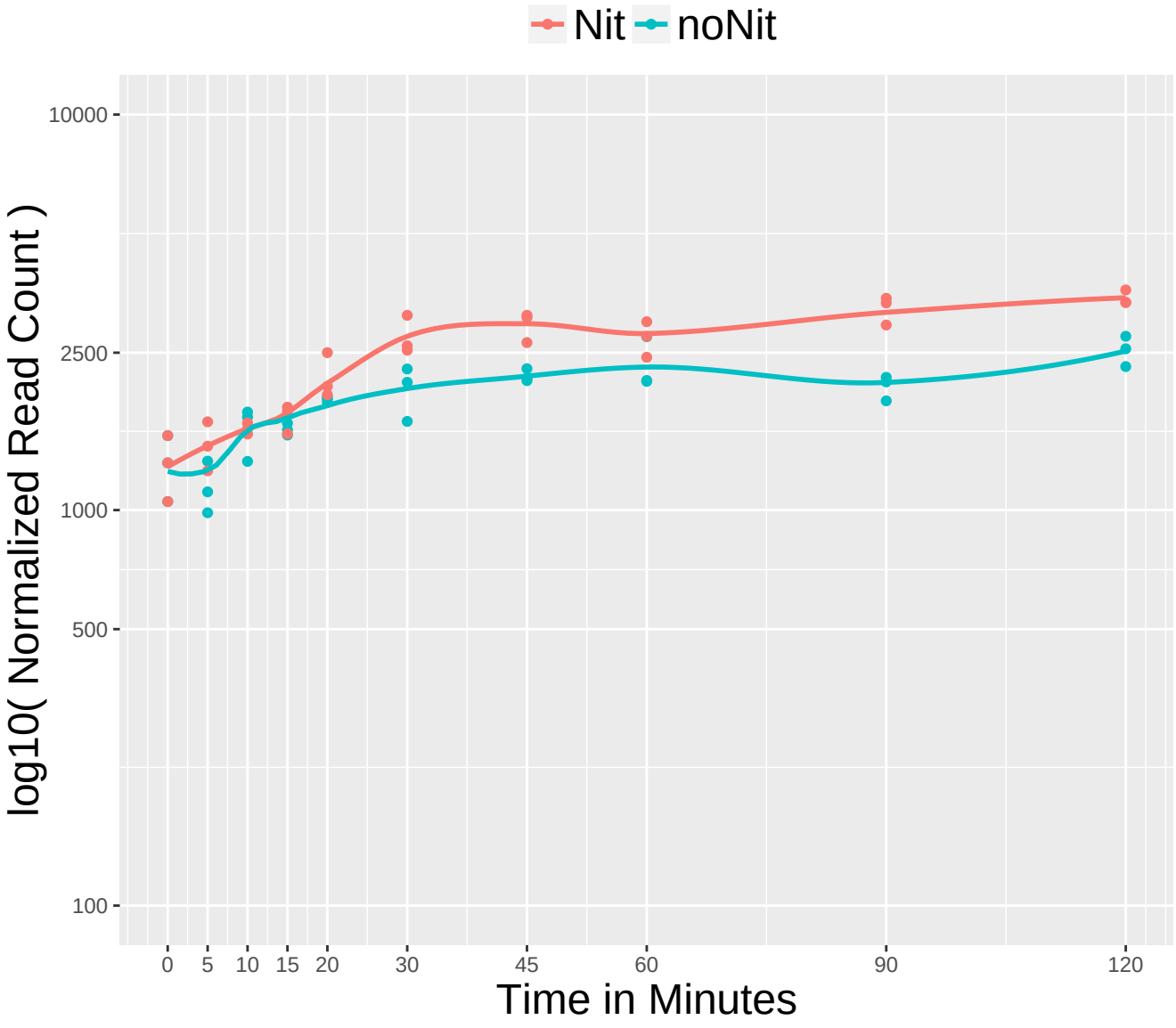
AT2G02250

AtPP2−B2,phloem



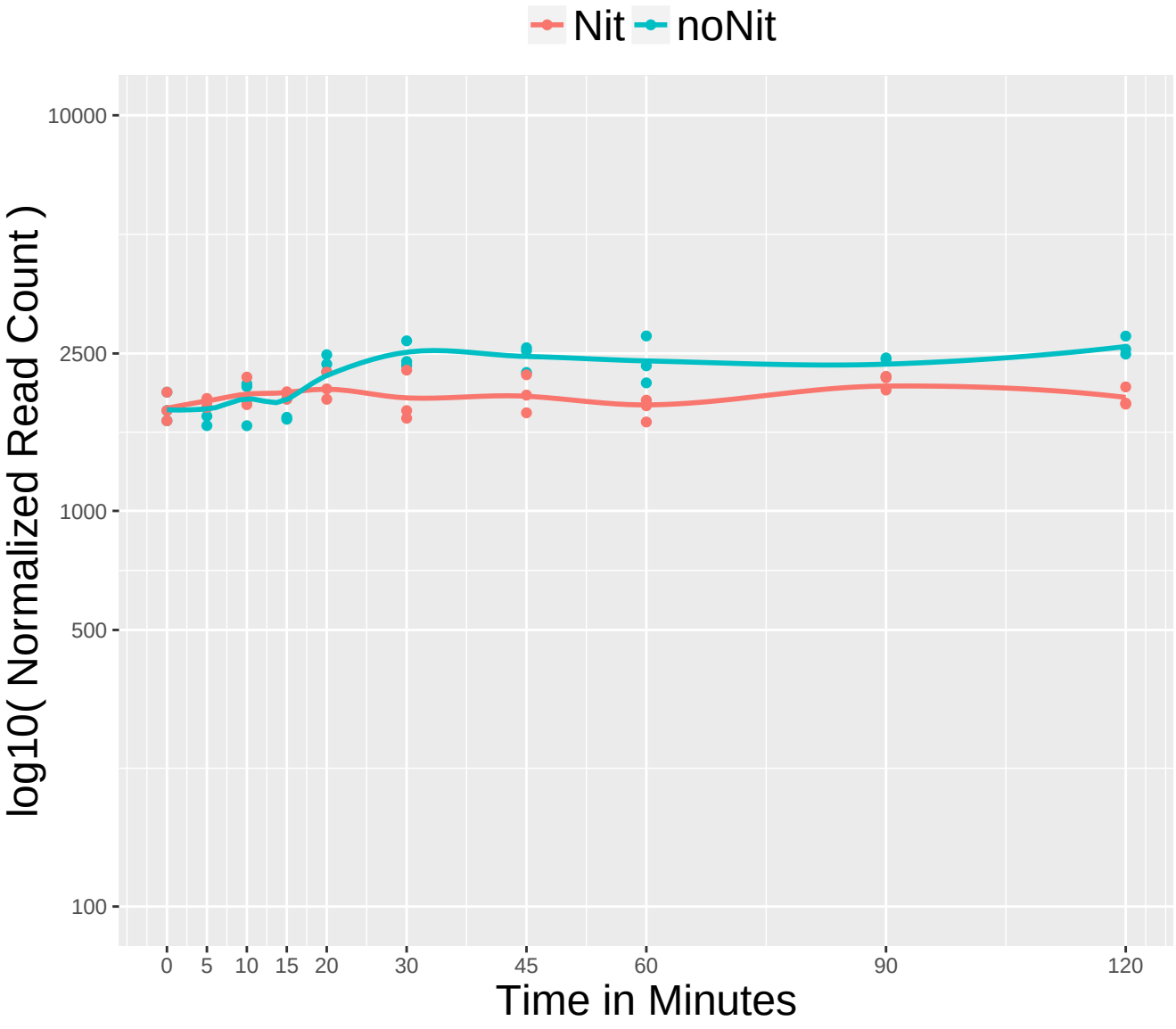
AT2G30970

ASP1,aspartate



AT2G40840

DPE2,disproportionating



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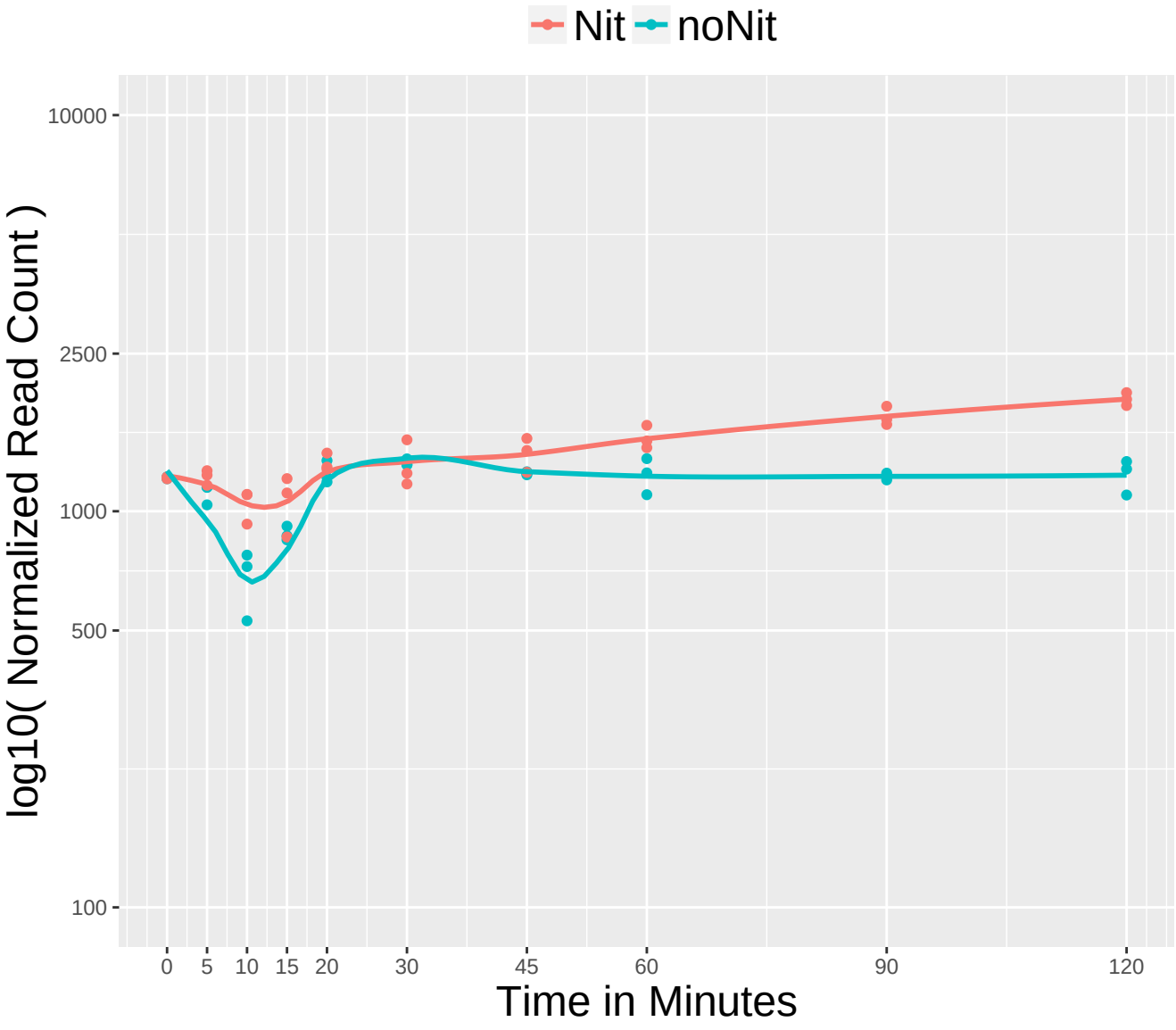
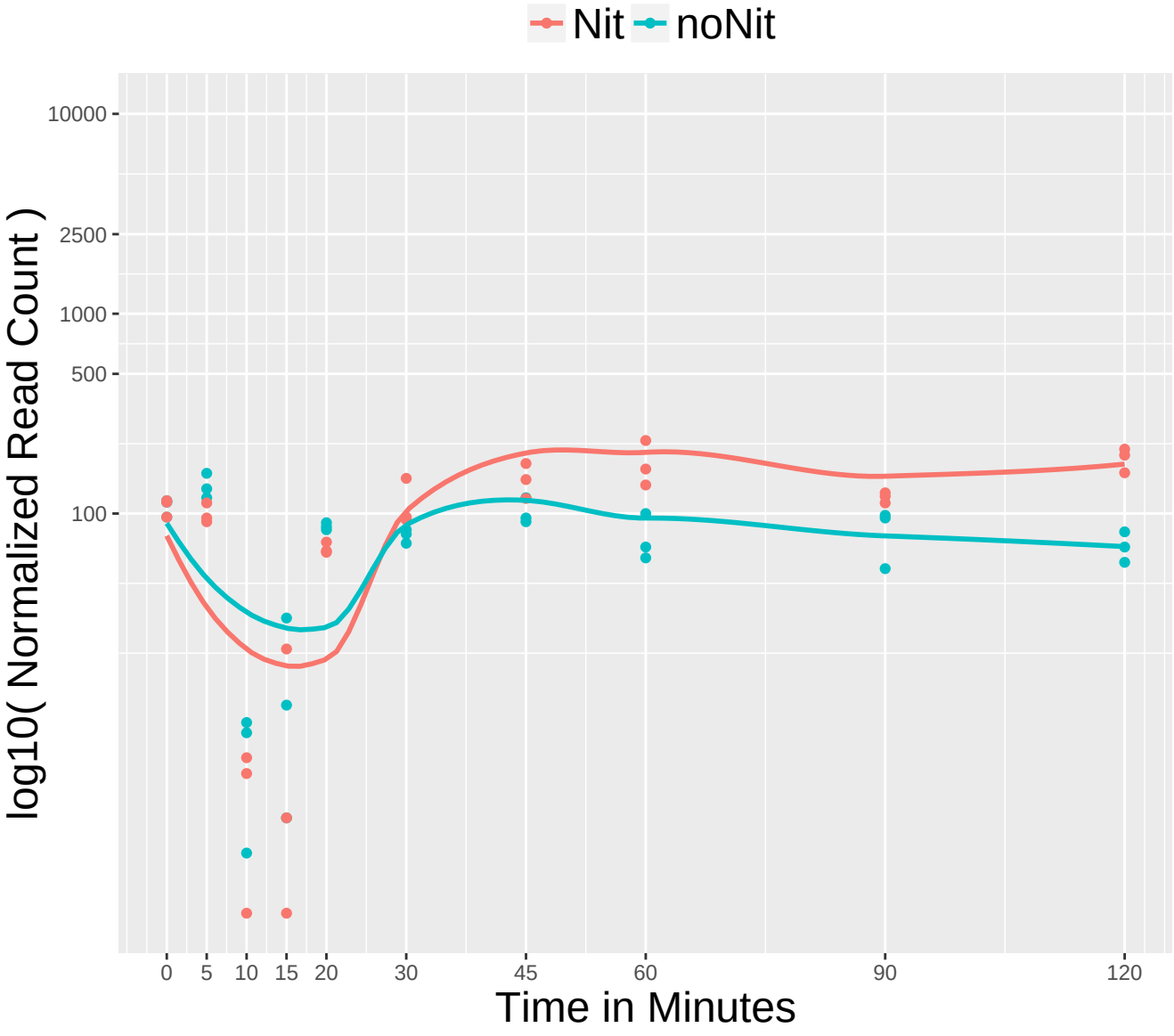
DHDPS2,dihydrodipicolinate



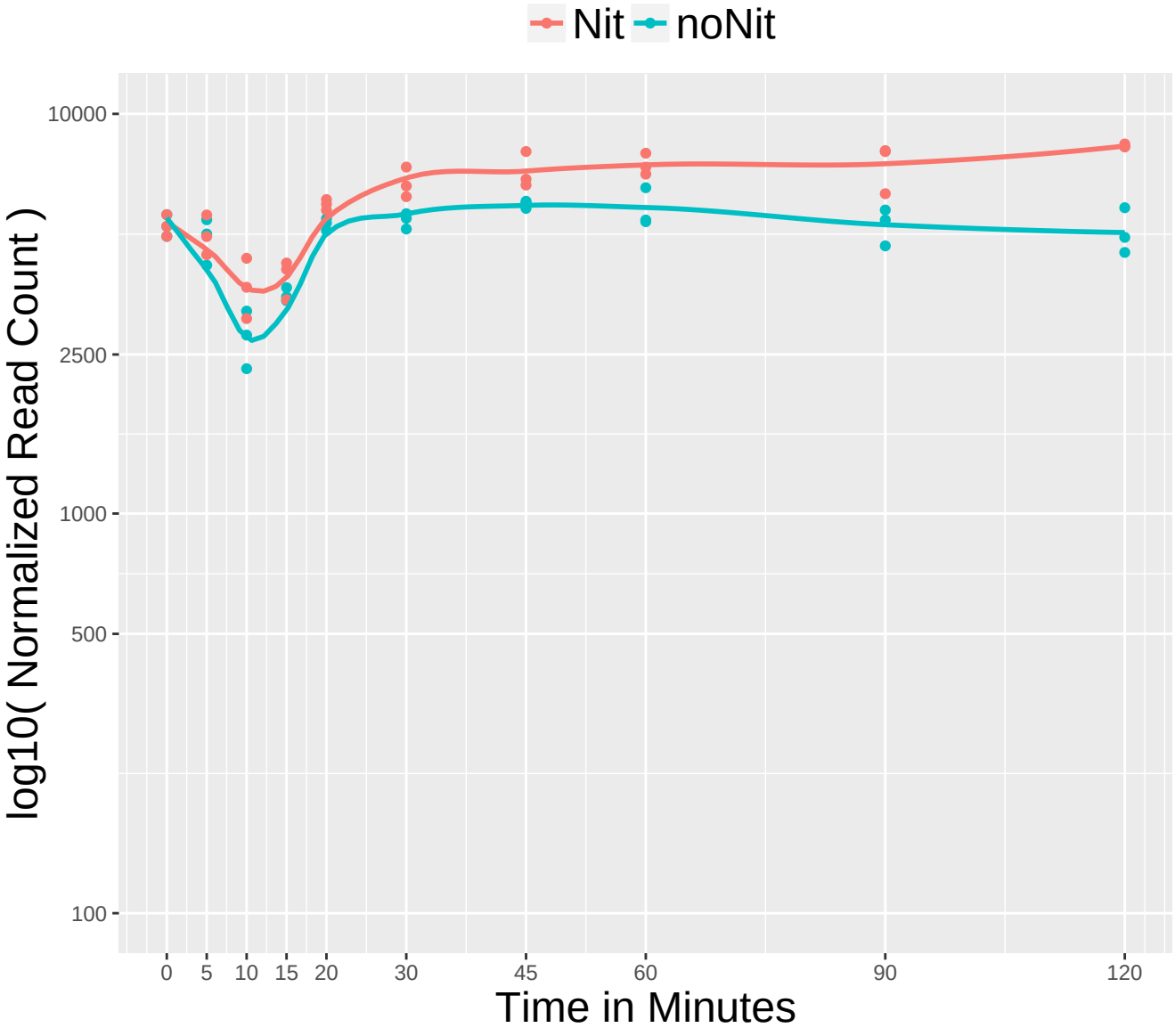
AT2G46192

other



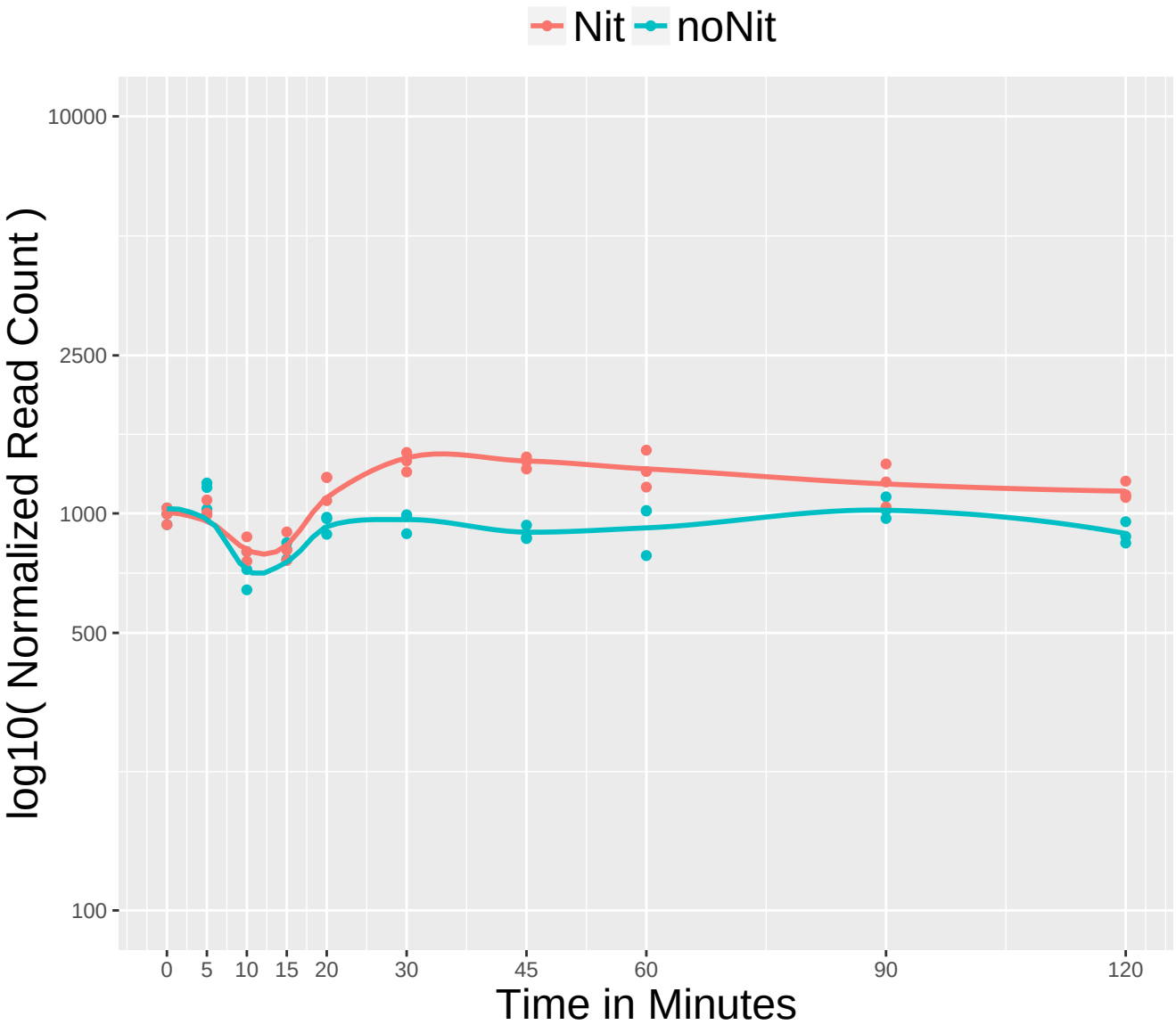
AT3G22850

Aluminium



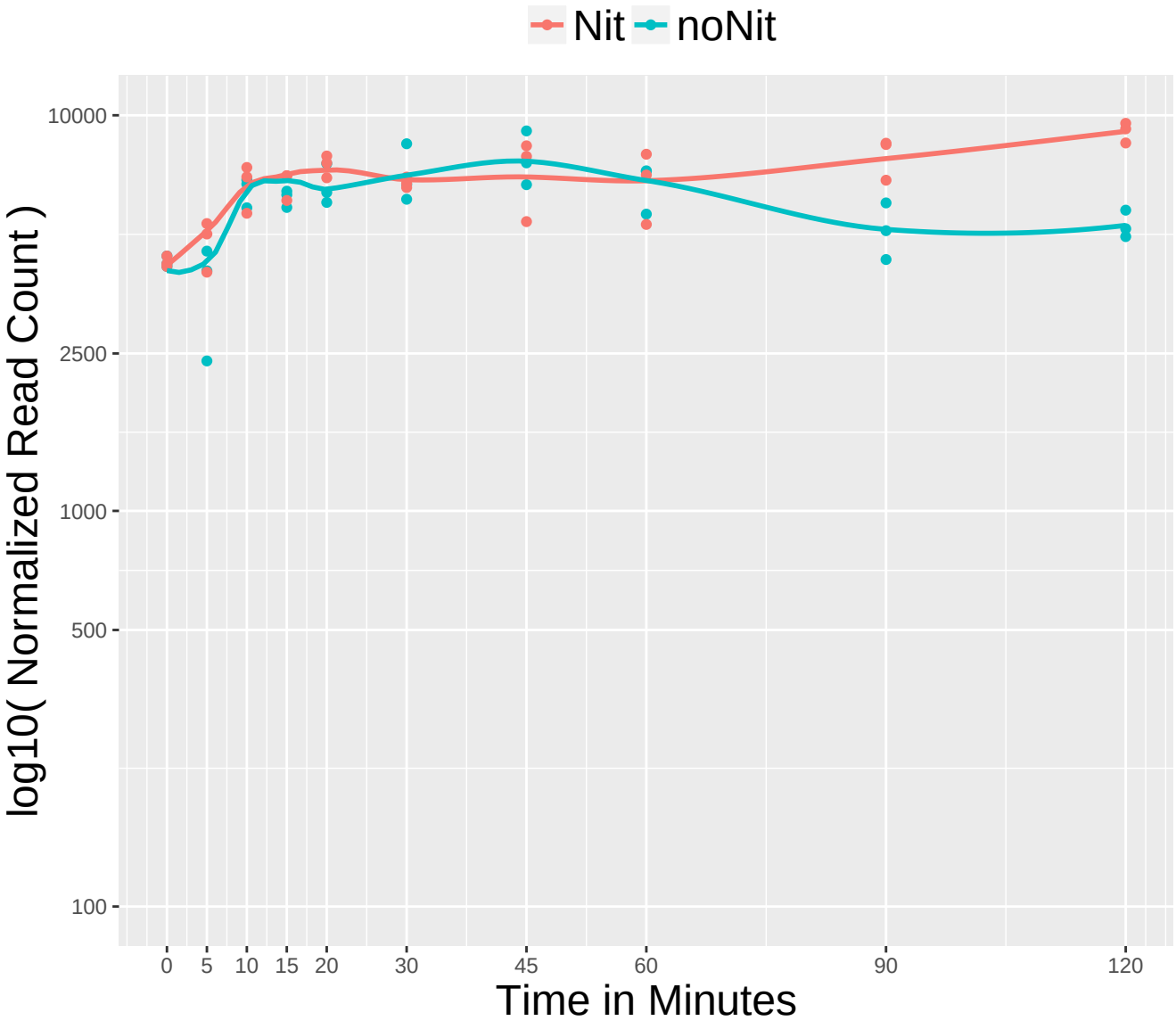
AT4G02440

EID1,EMPFINDLICHER



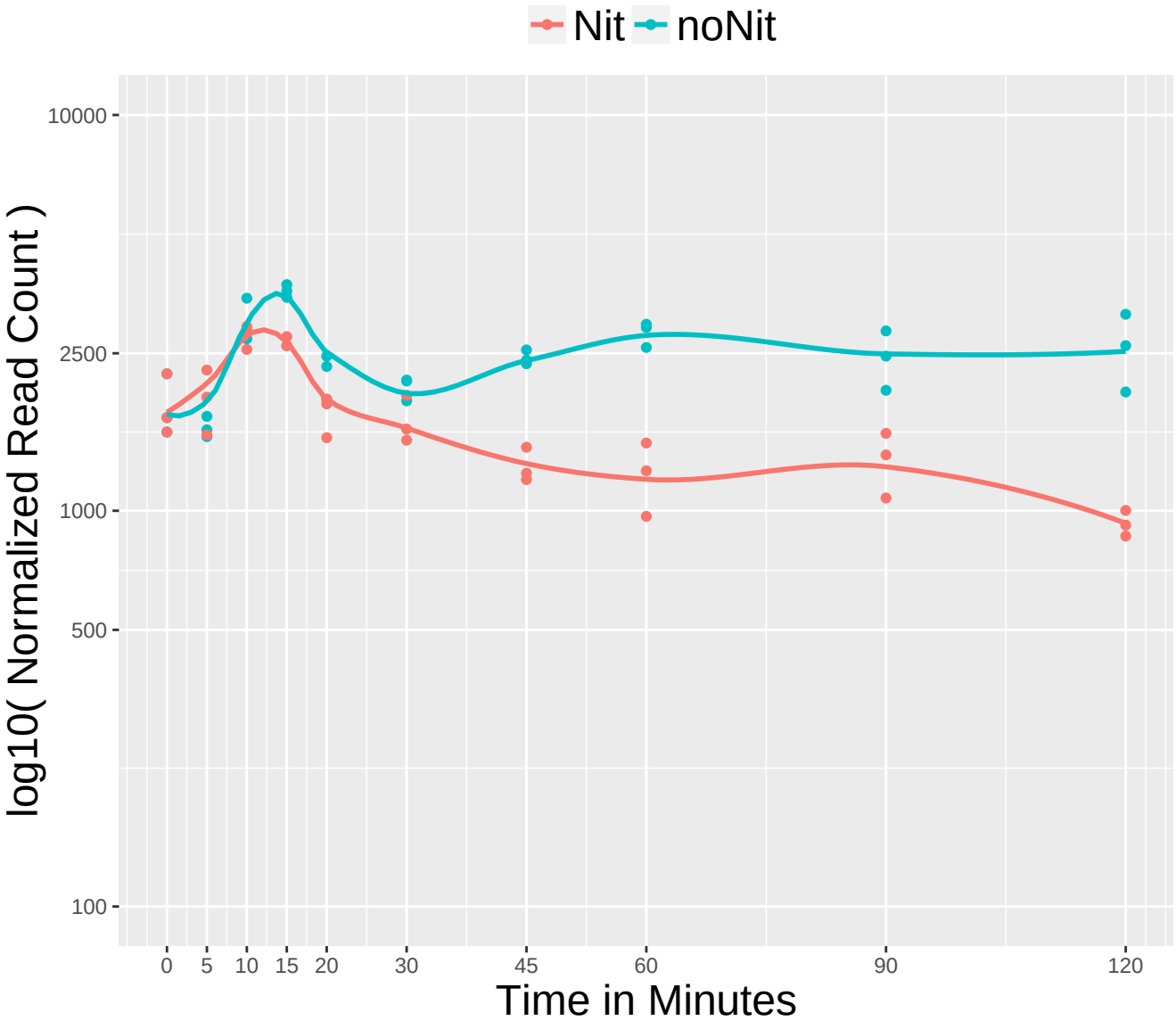
AT4G34710

ADC2,arginine



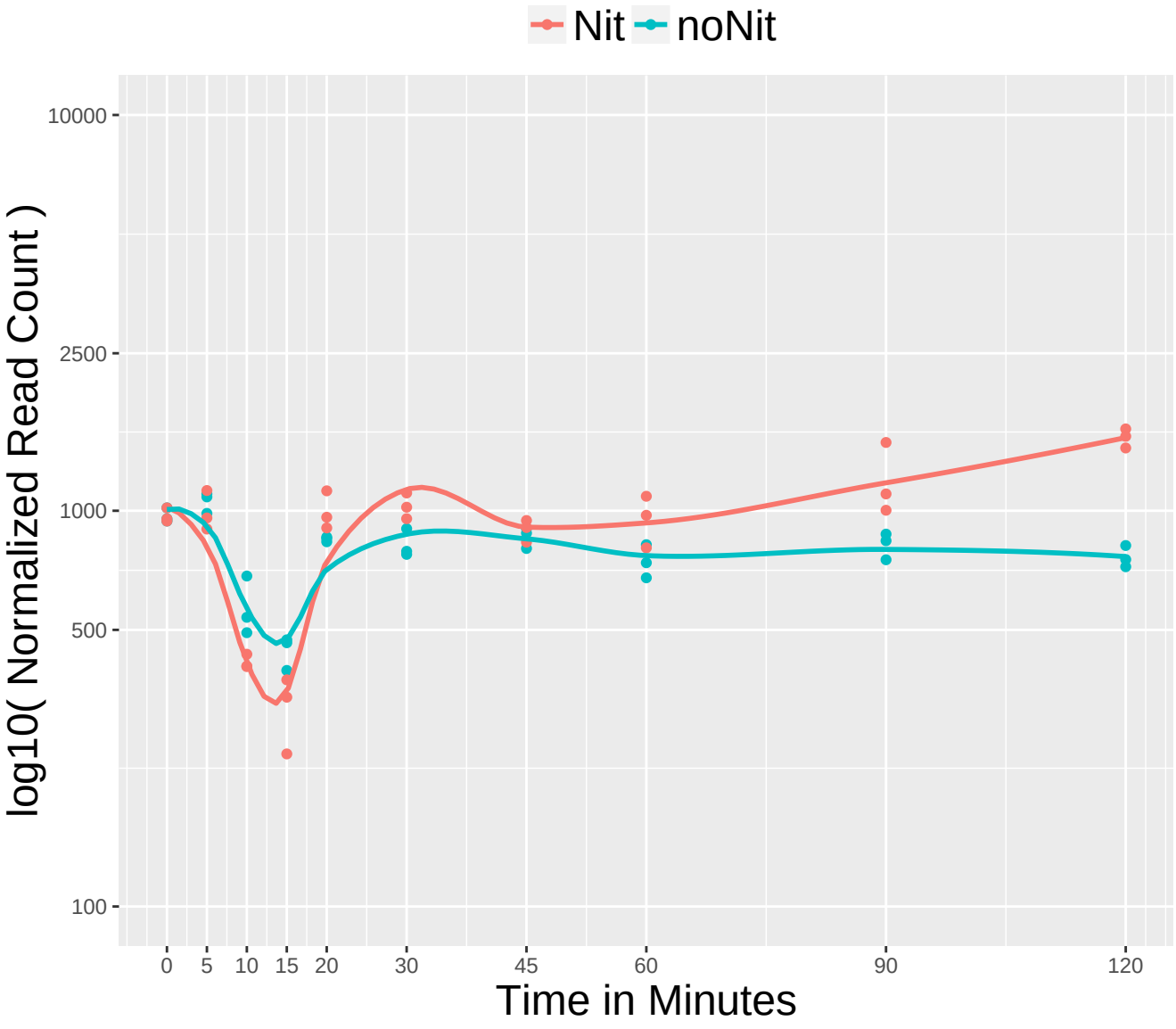
AT5G07390

ATRBOHA,respiratory



AT5G16120

alpha/beta−Hydrolases



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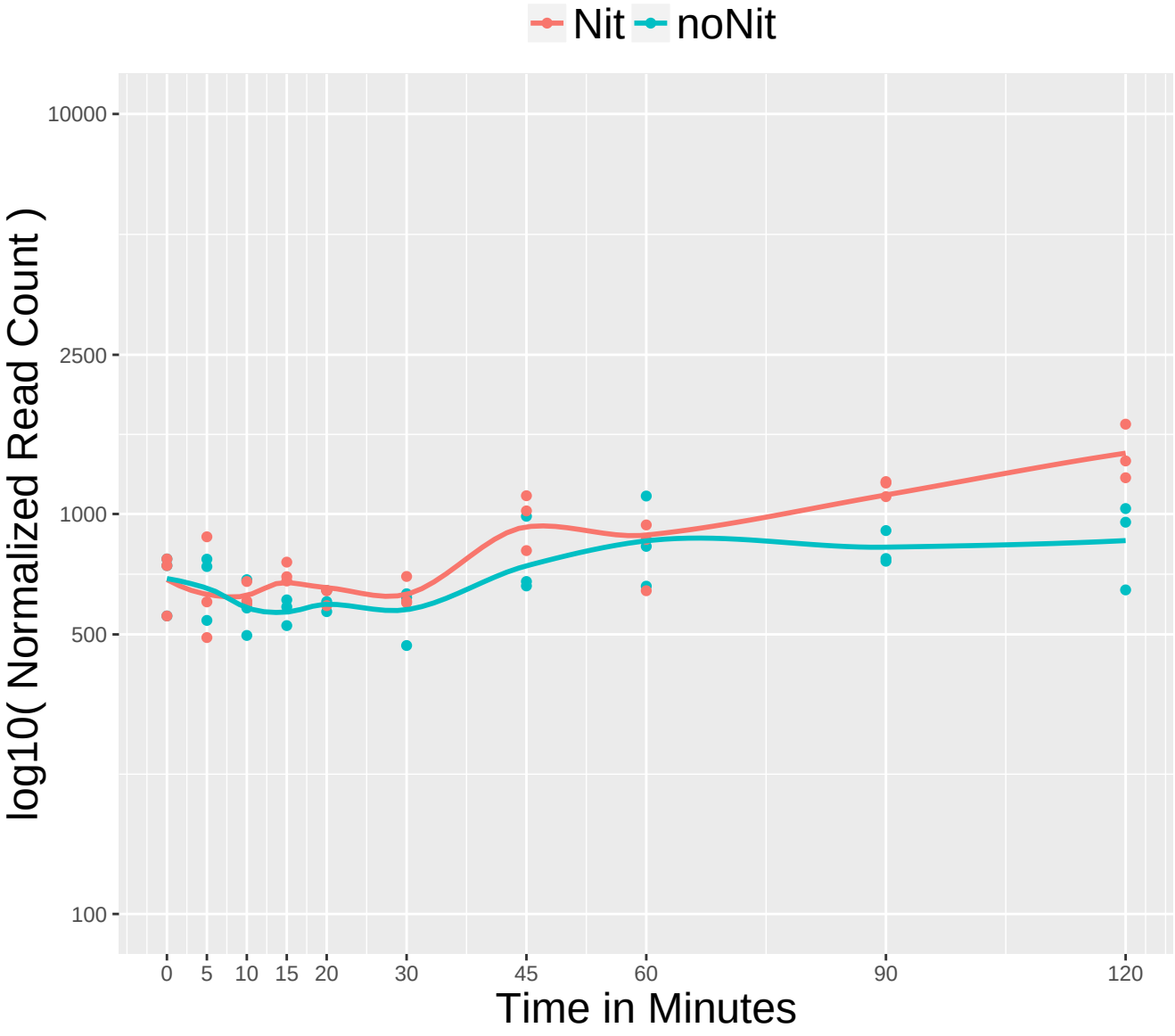
Protein



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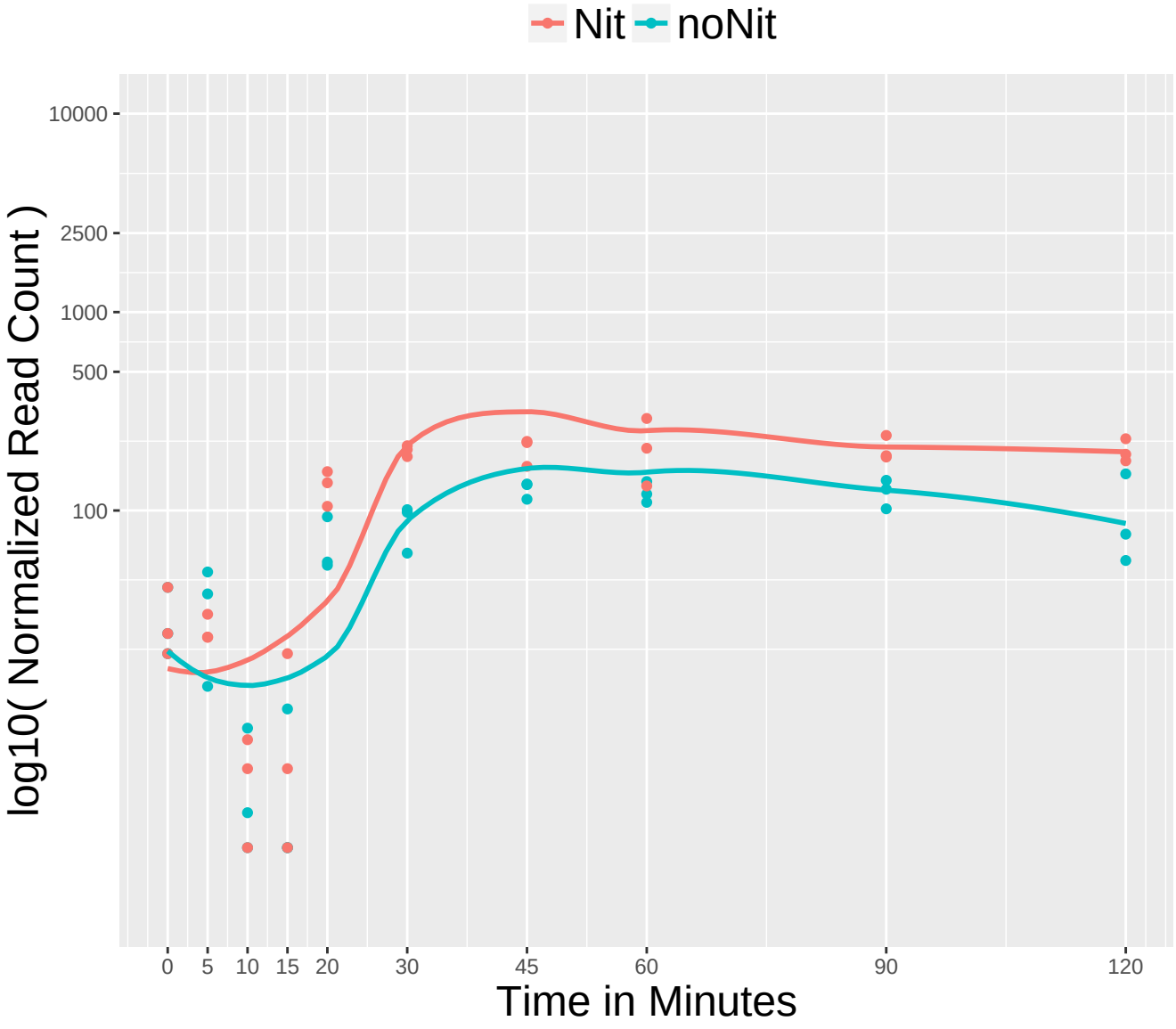
anac096,NAC



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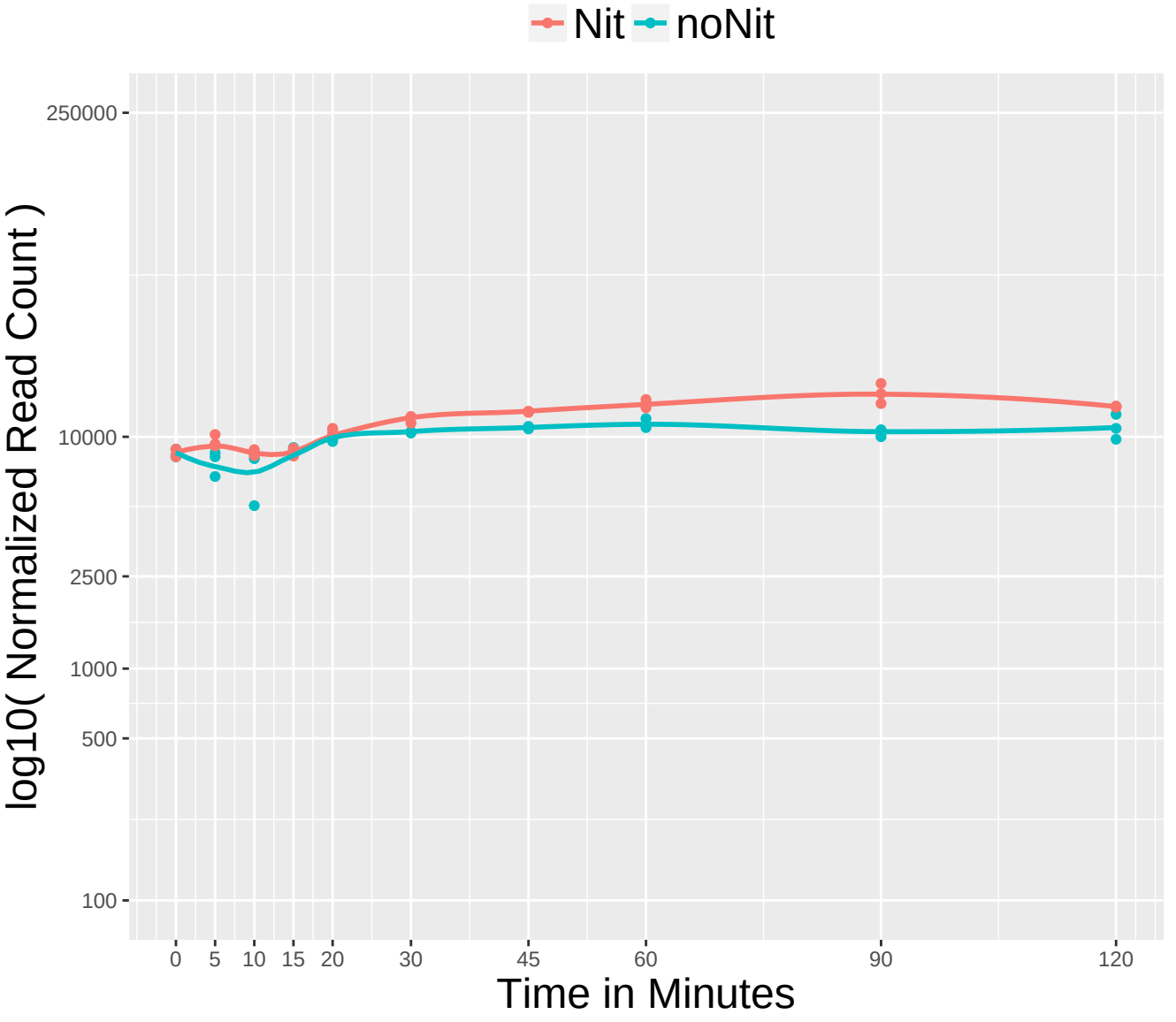
MAB1,MACCI−BOU



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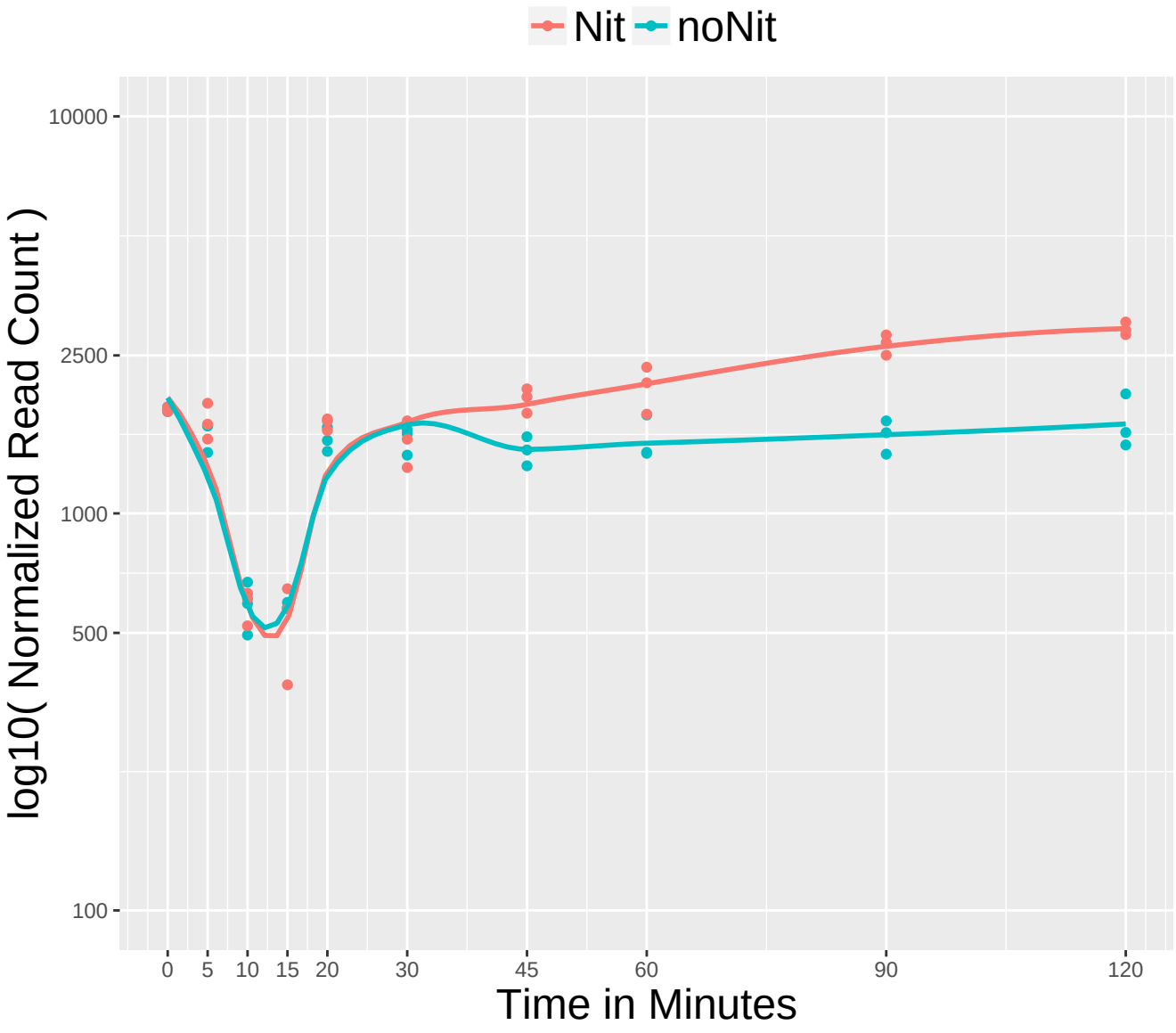
SDN3,small



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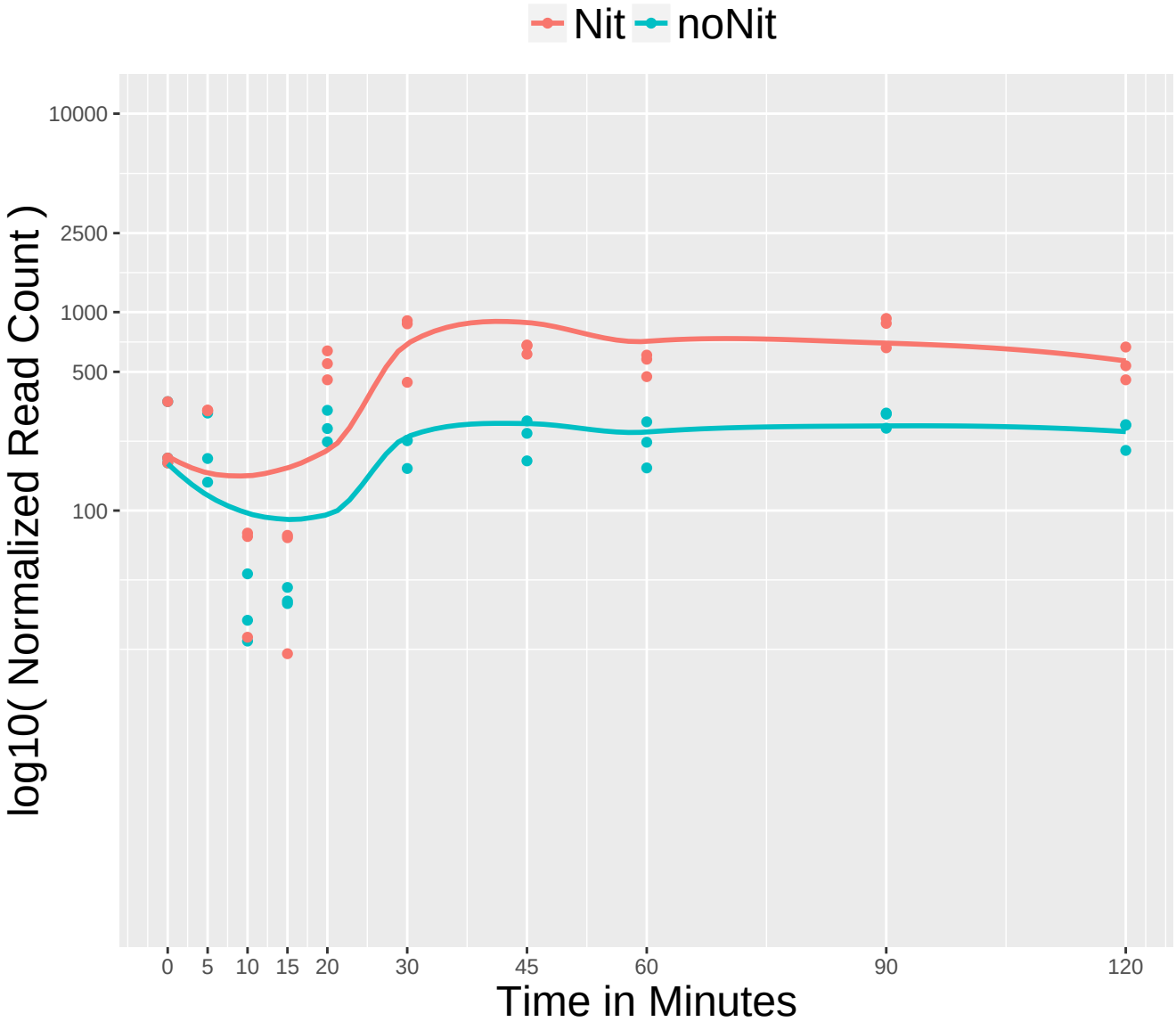

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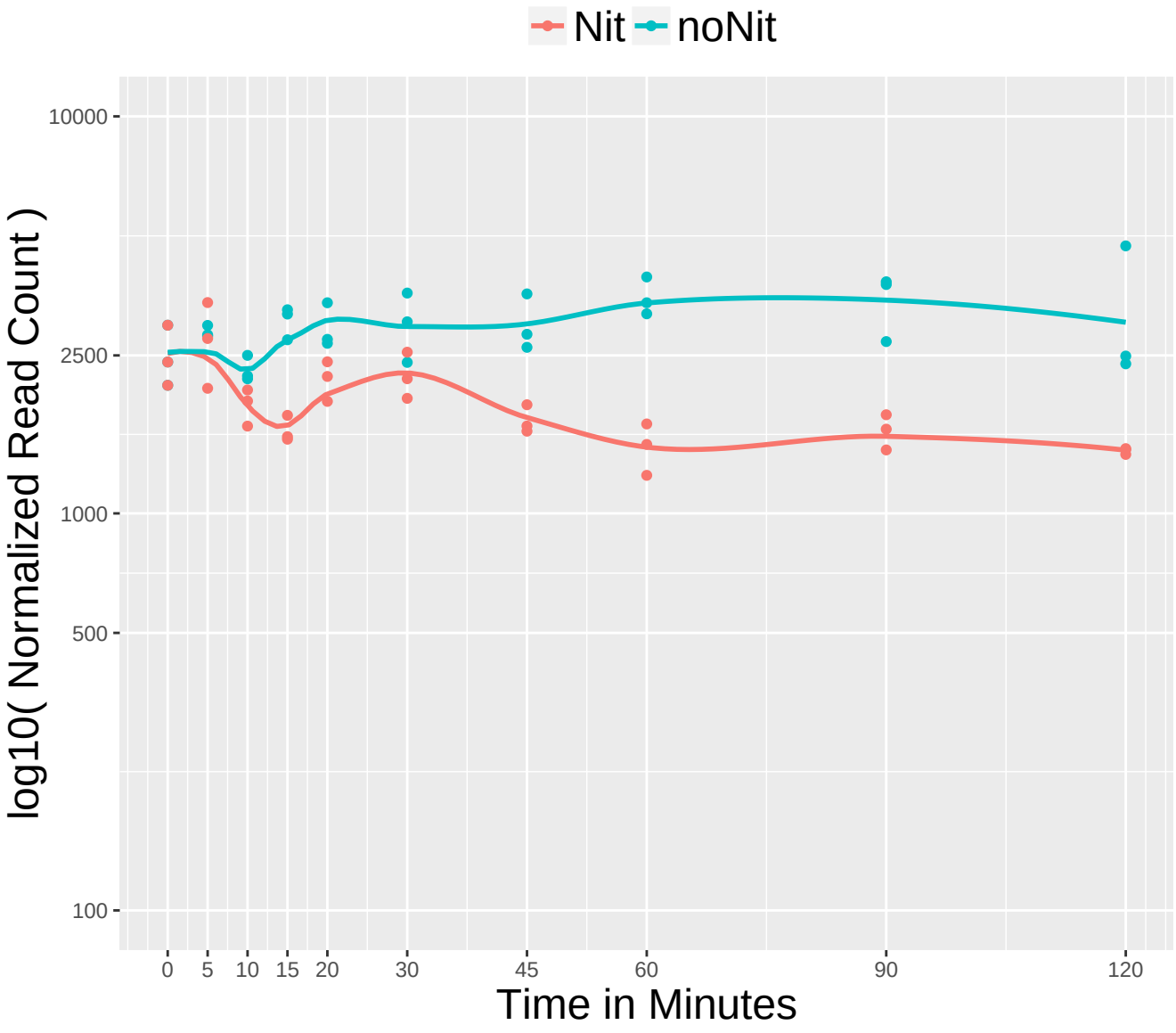
ATFH4,FORMIN



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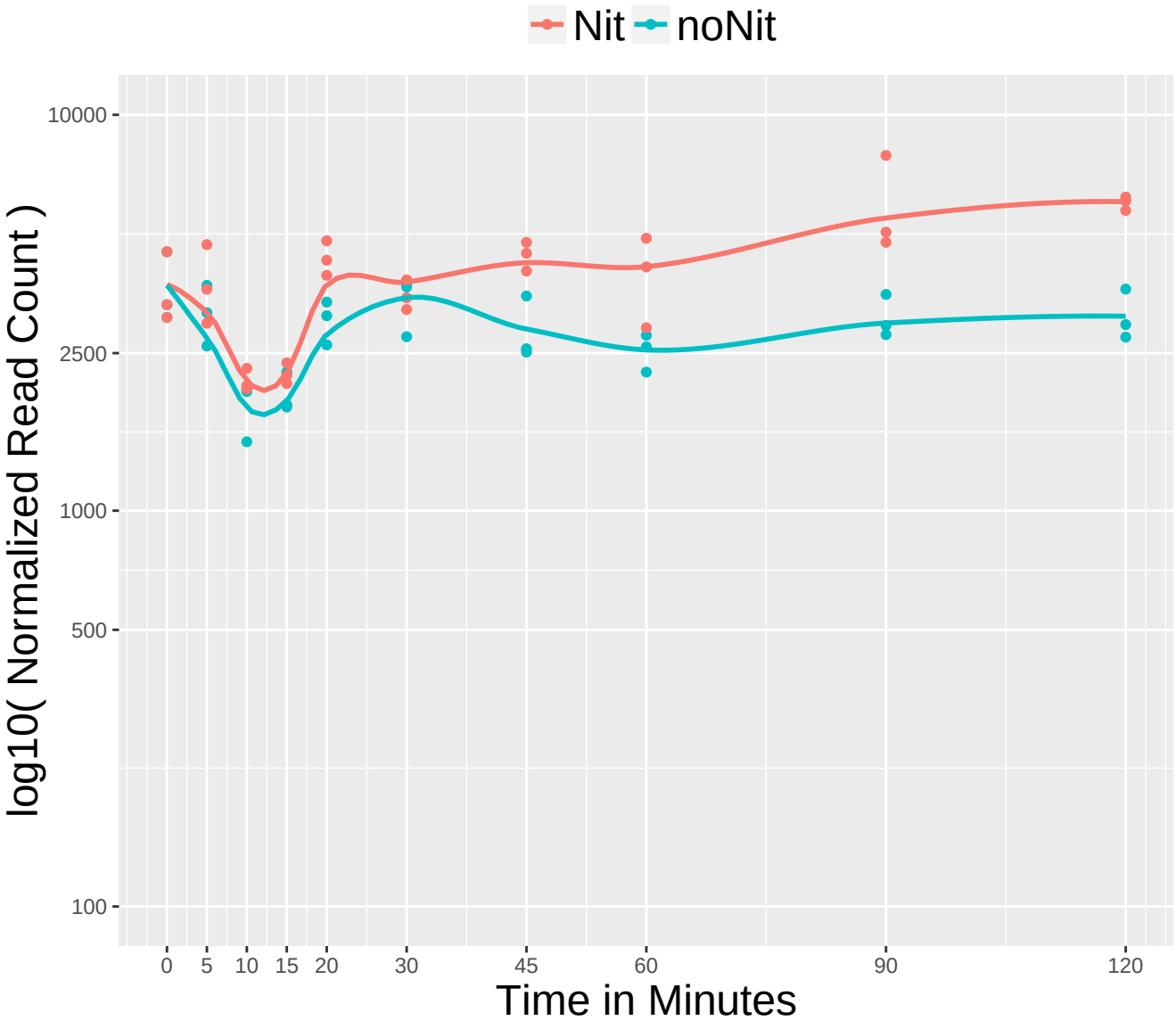
jacalin



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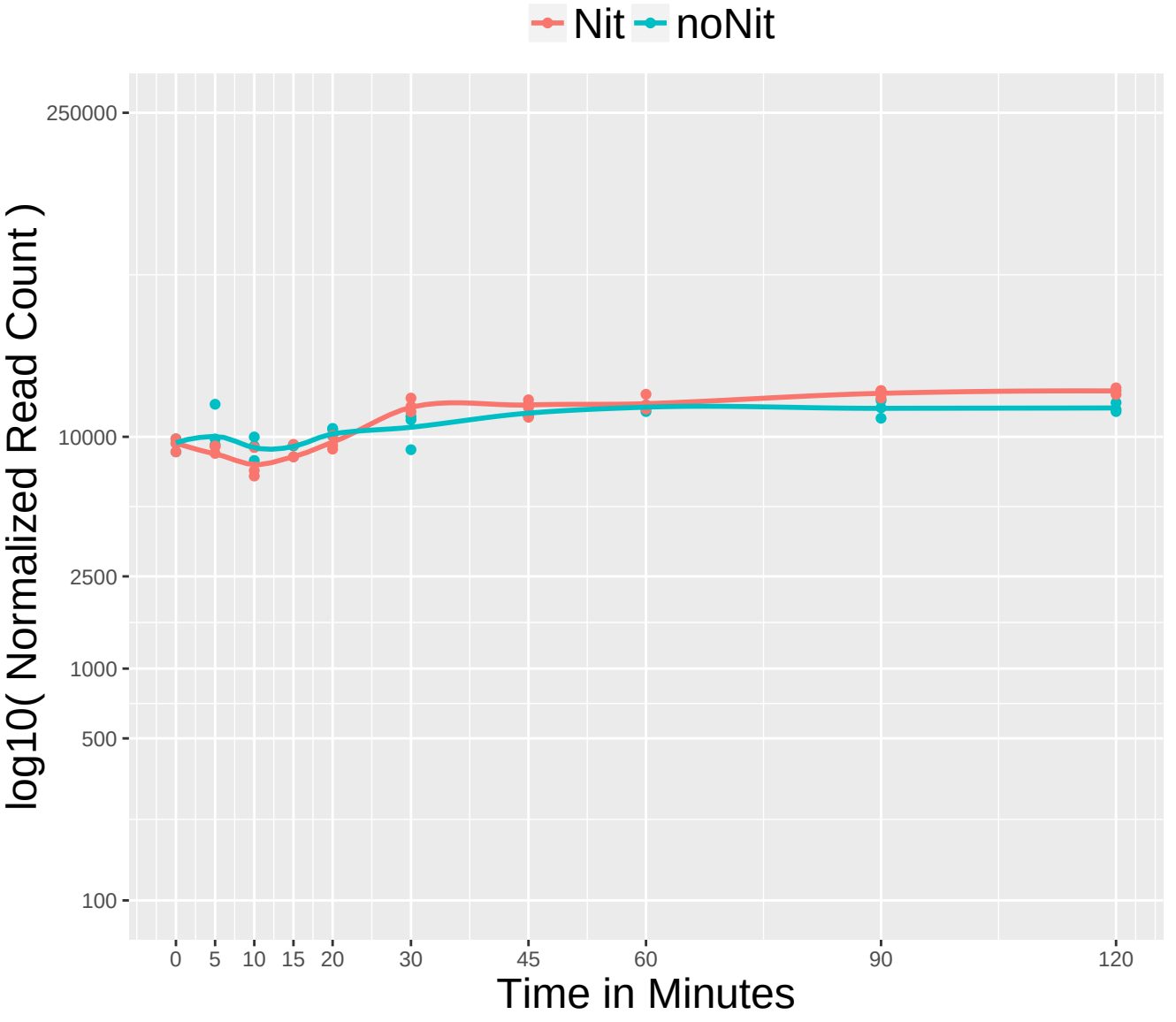
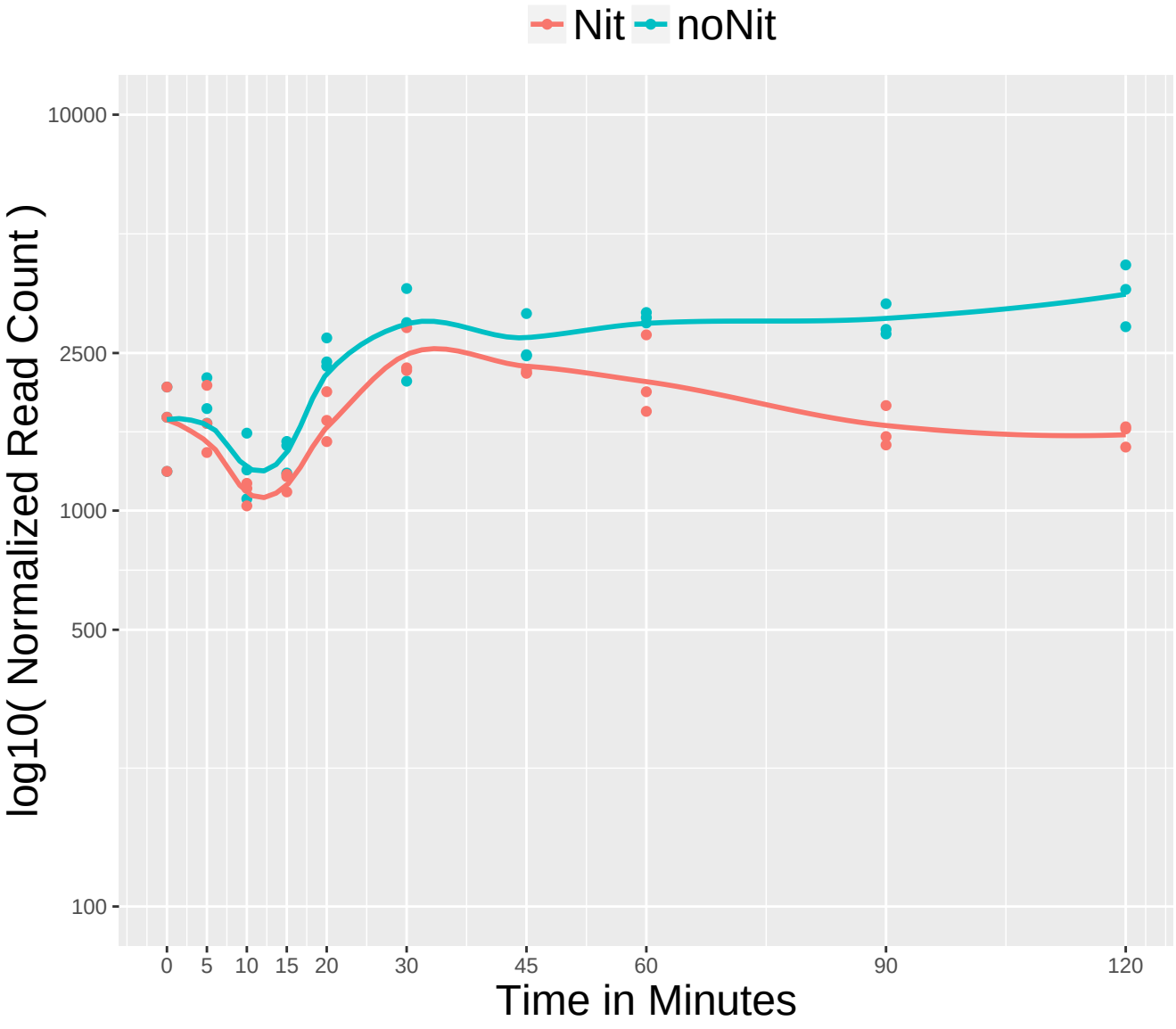
A/N−InvG,alkaline/neutral



AT2G22250

AAT,aspartate



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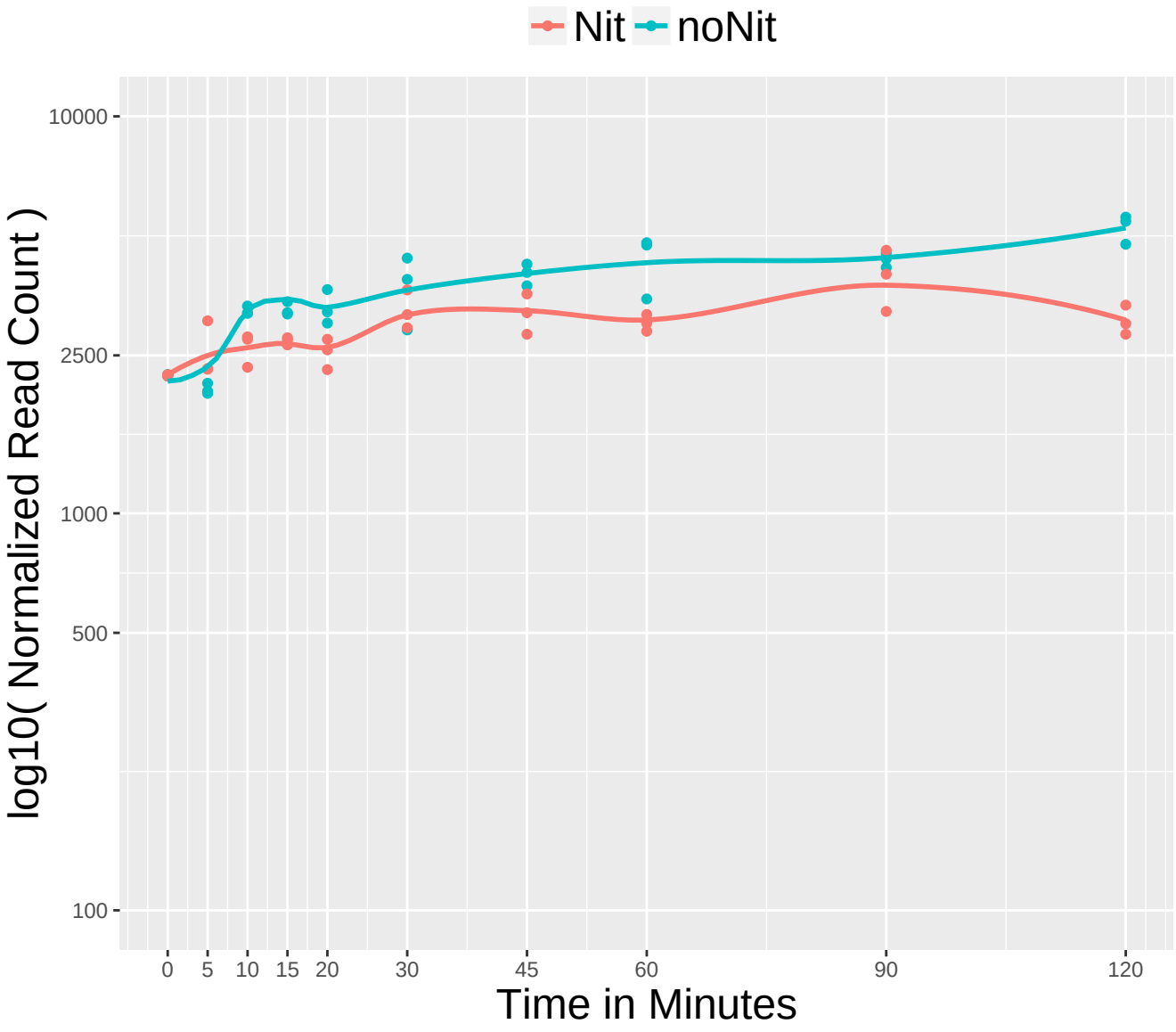
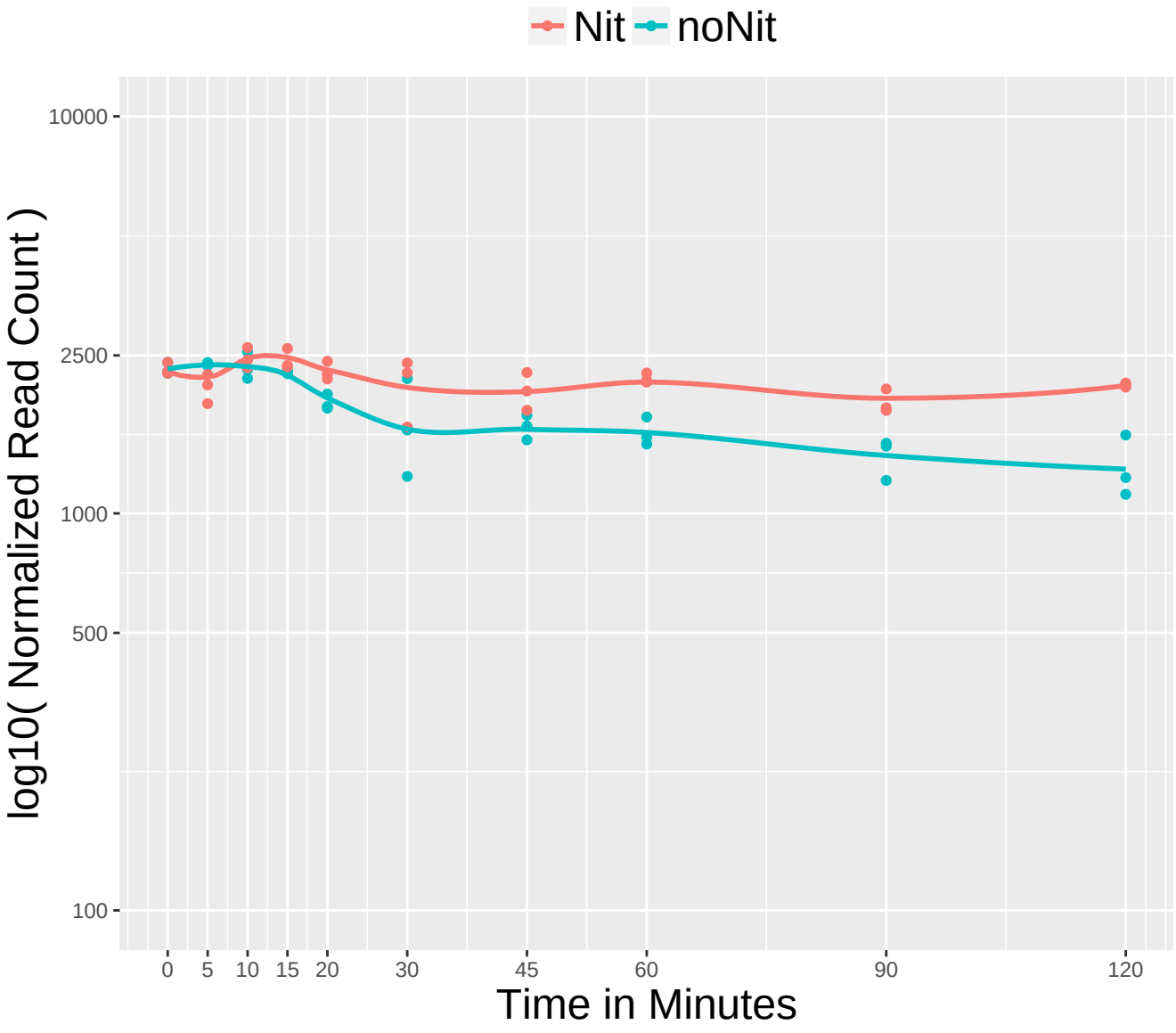
ATVLN2,,VLN2,villin



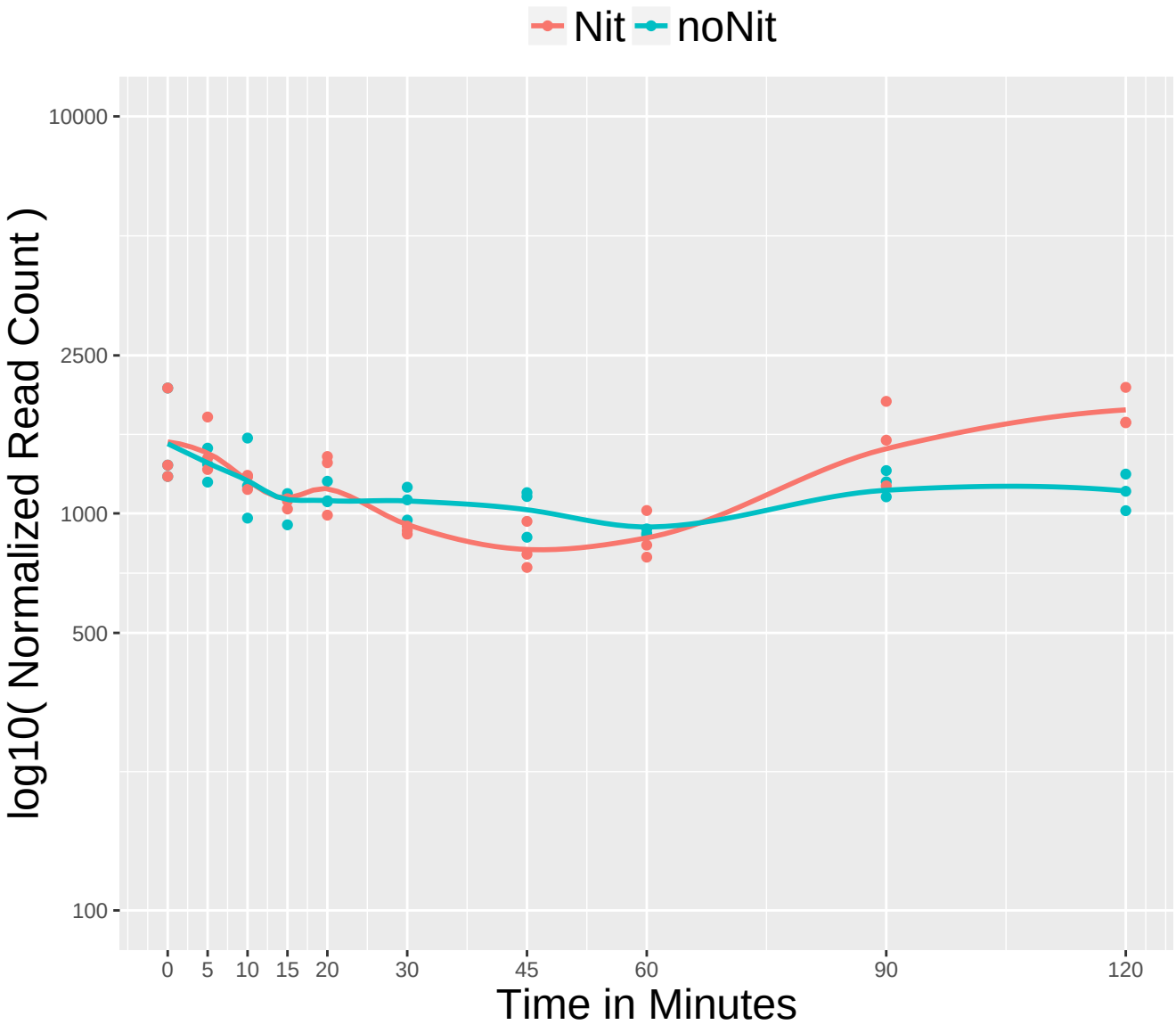
AT2G45830

DTA2,downstream



AT3G05120

ATGID1A,GA



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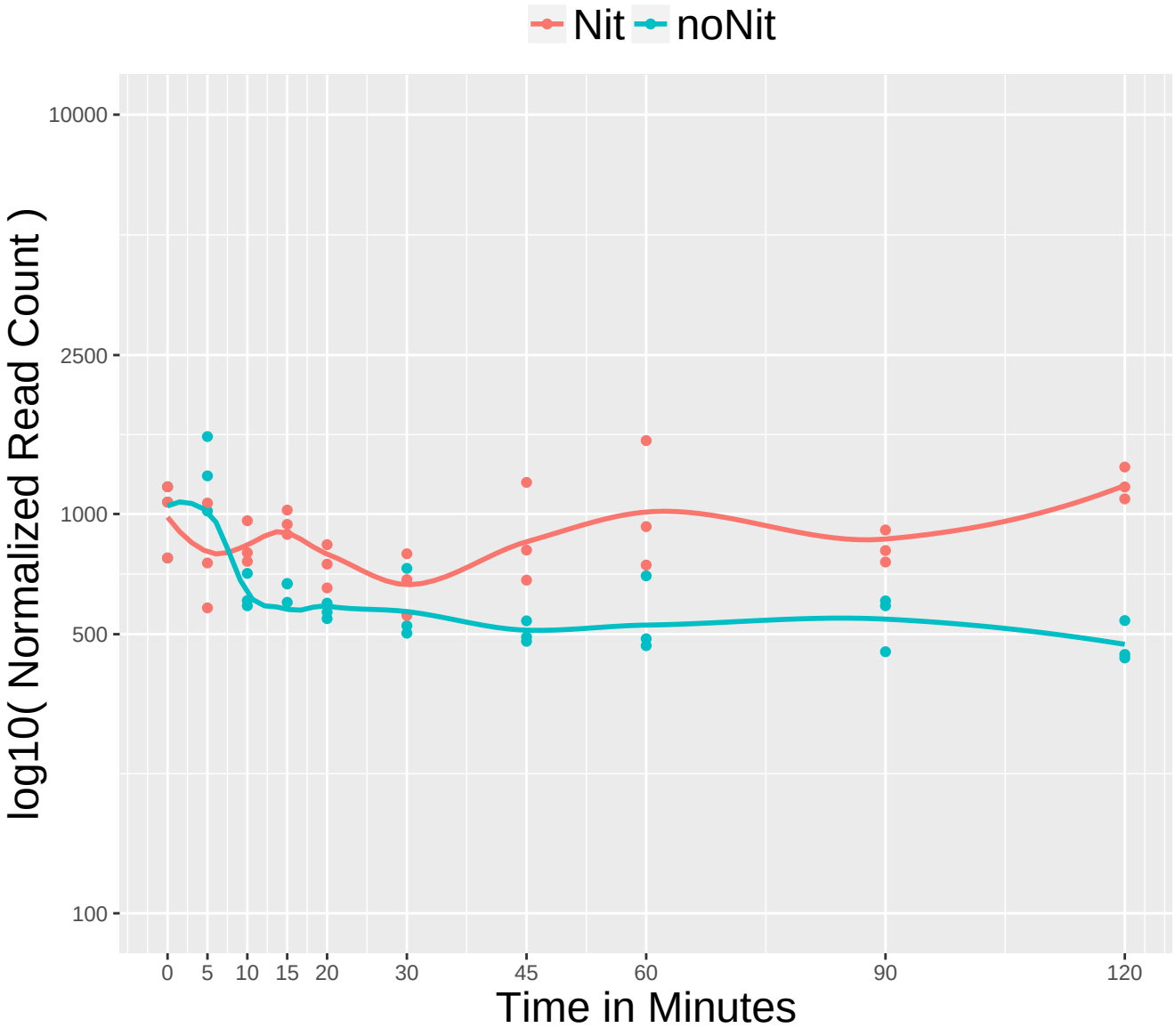
FKBP−like



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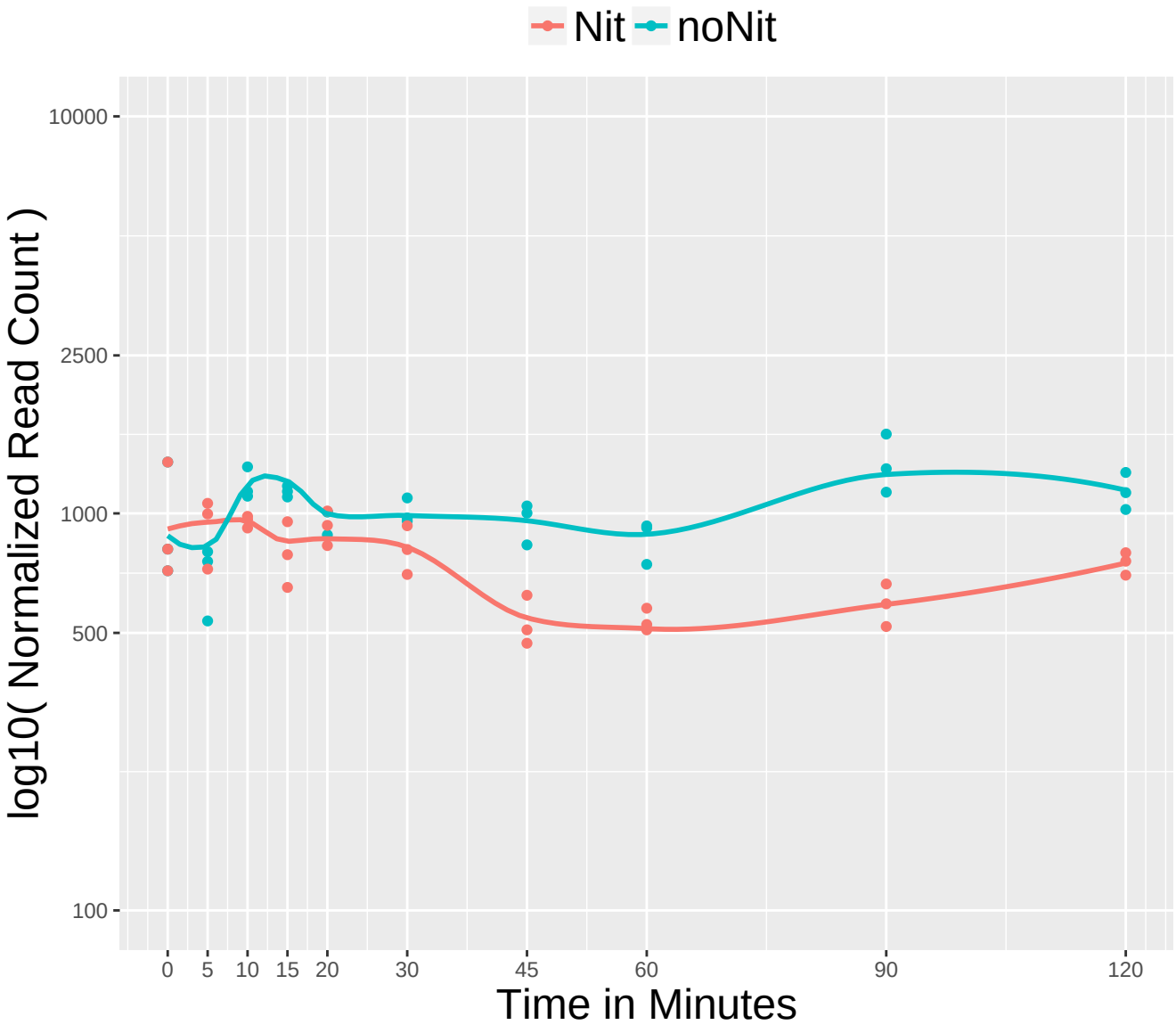
PUT4,POLYAMINE



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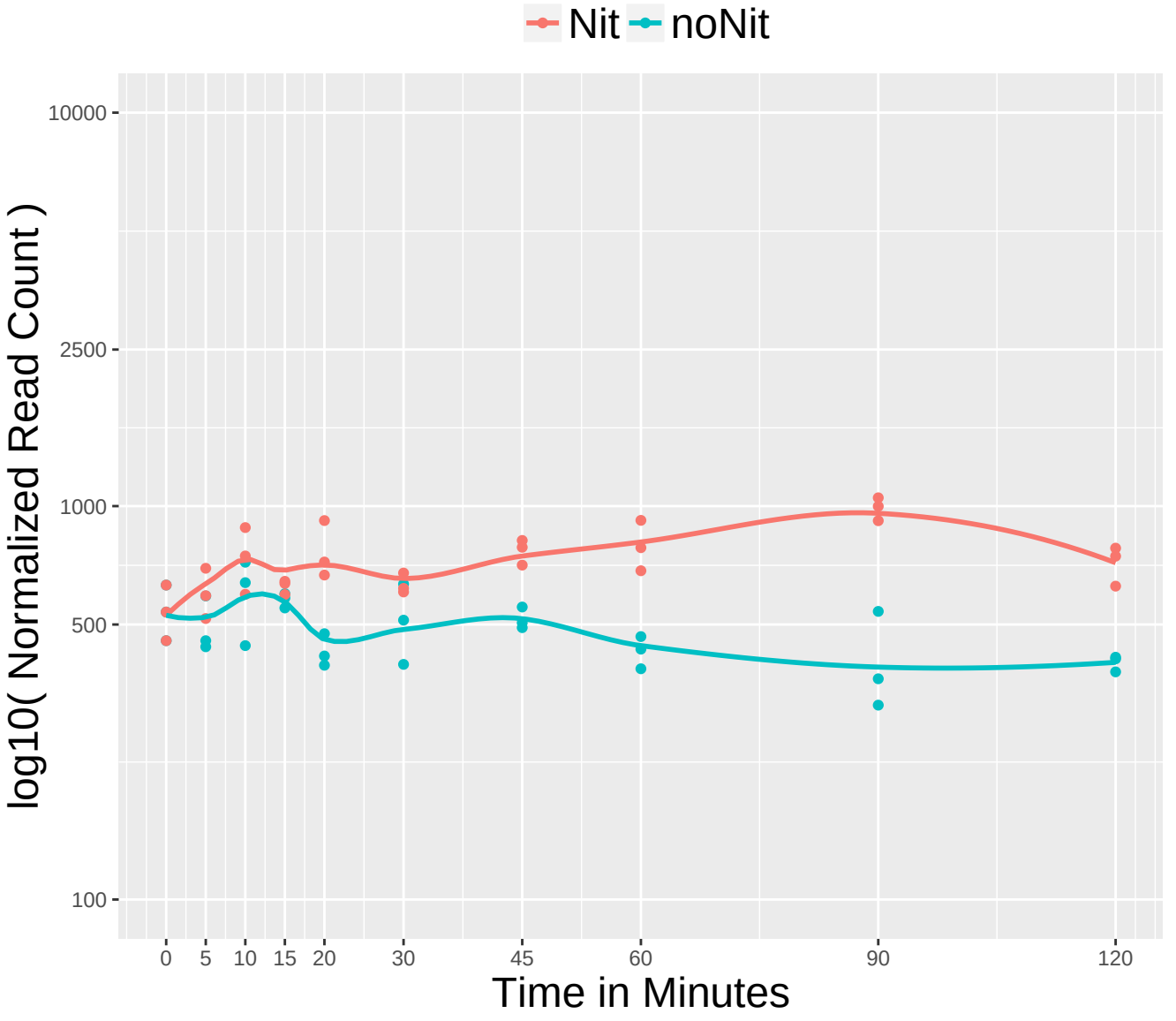
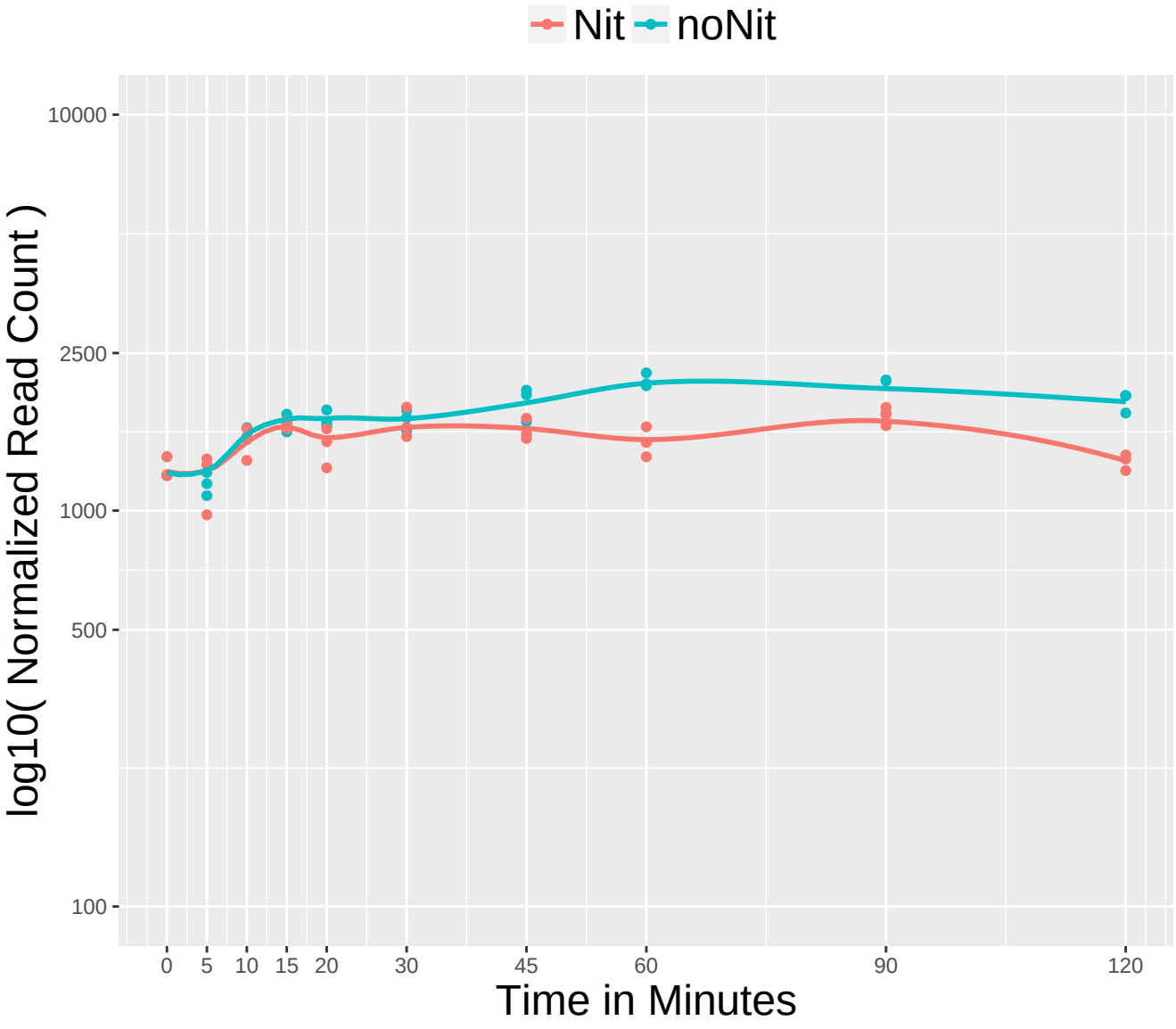
WF4,,CLM,CLOMAZONE−RESISTANT,CYP90B1,CYTOC



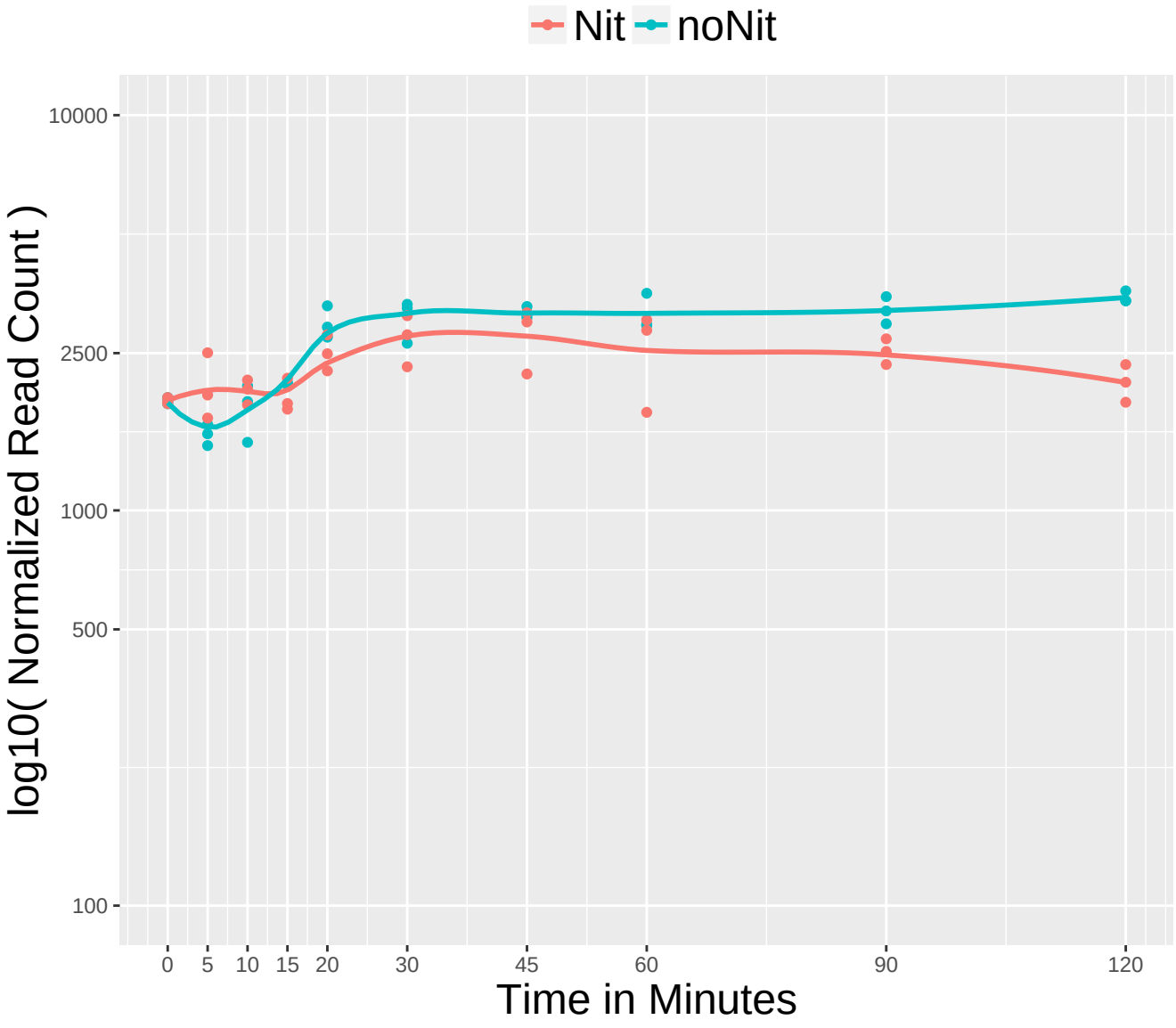
AT3G59950

Peptidase



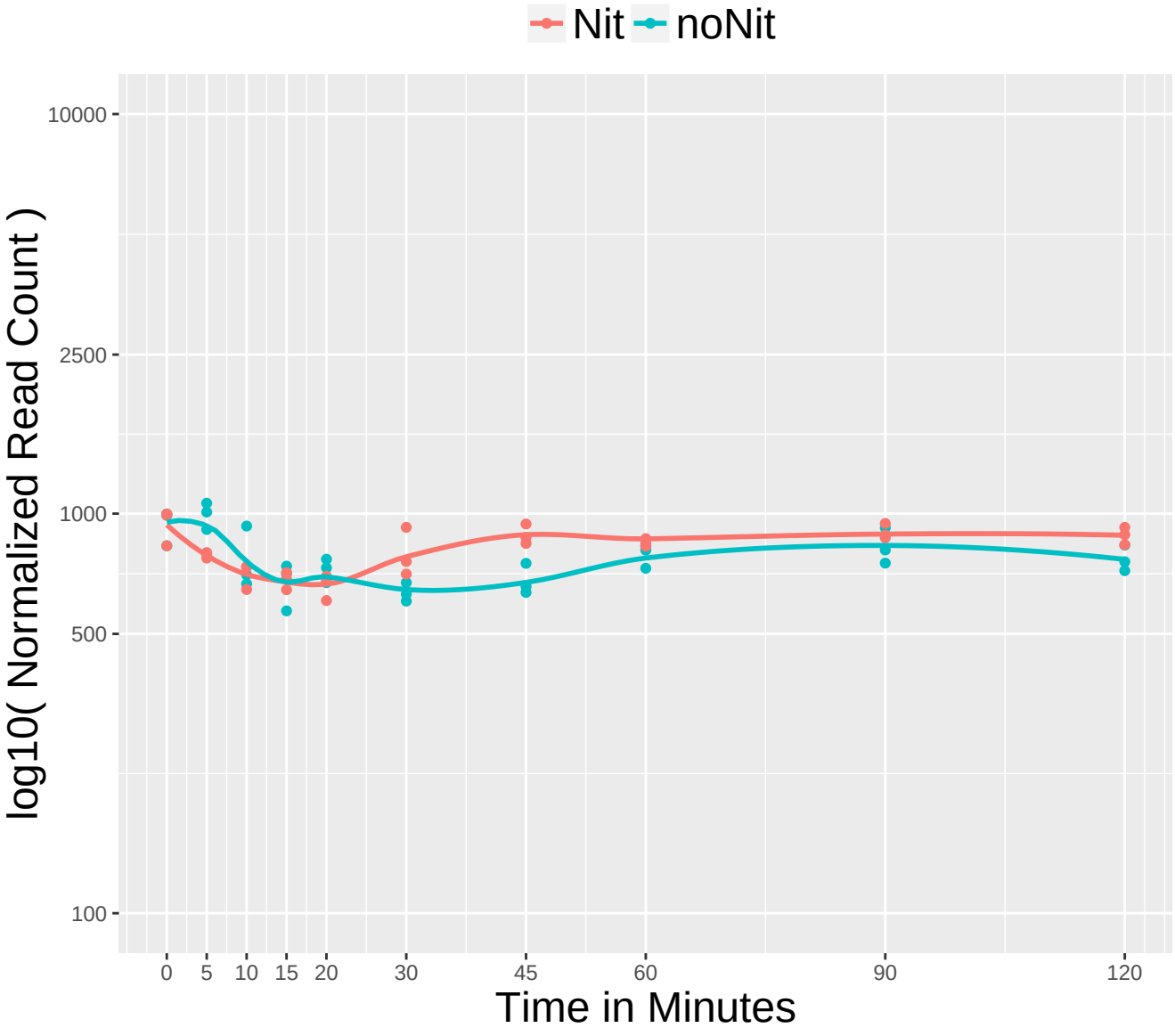
AT3G61130

GAUT1,galacturonosyltransferase



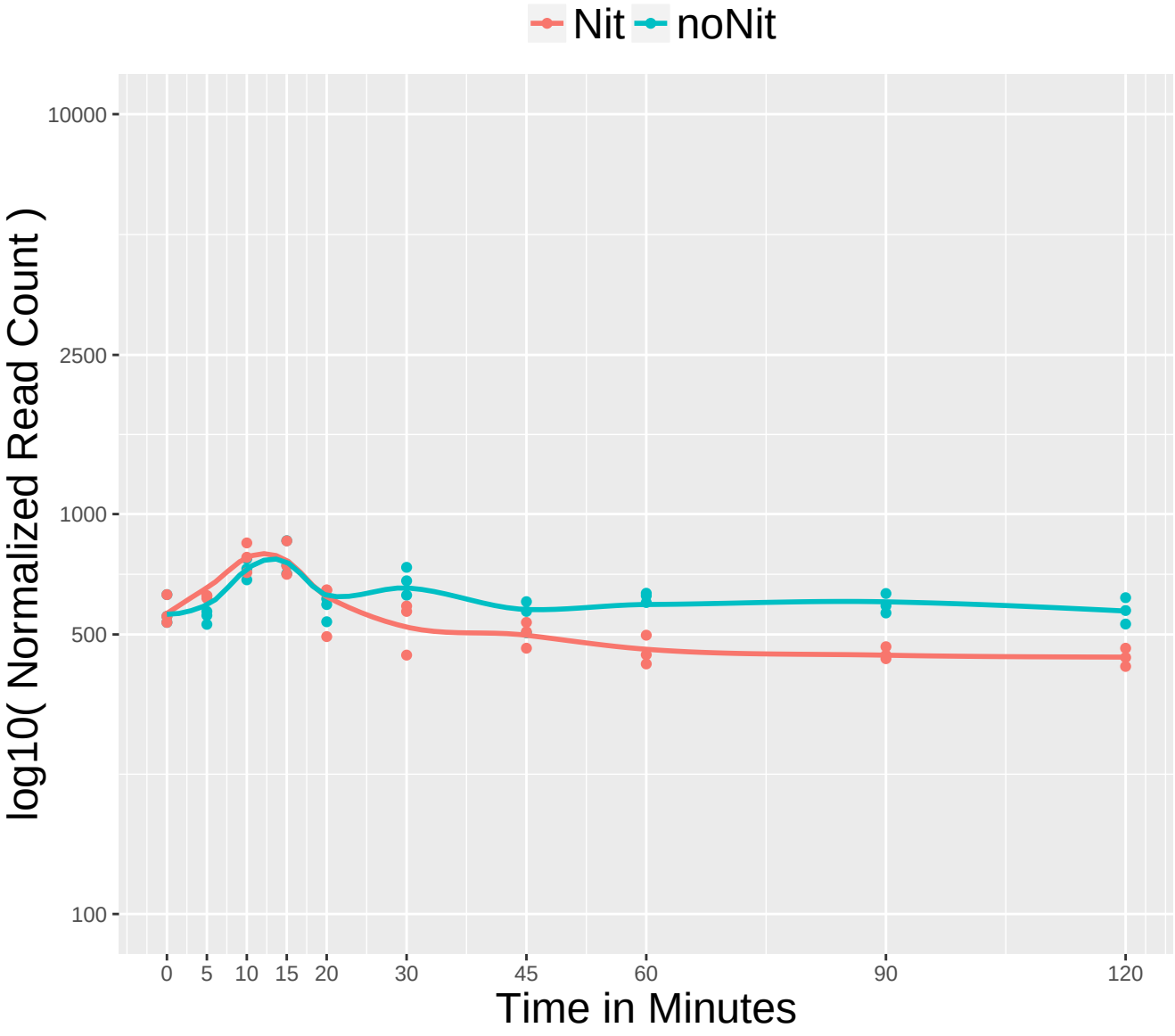
AT3G61420

BSD



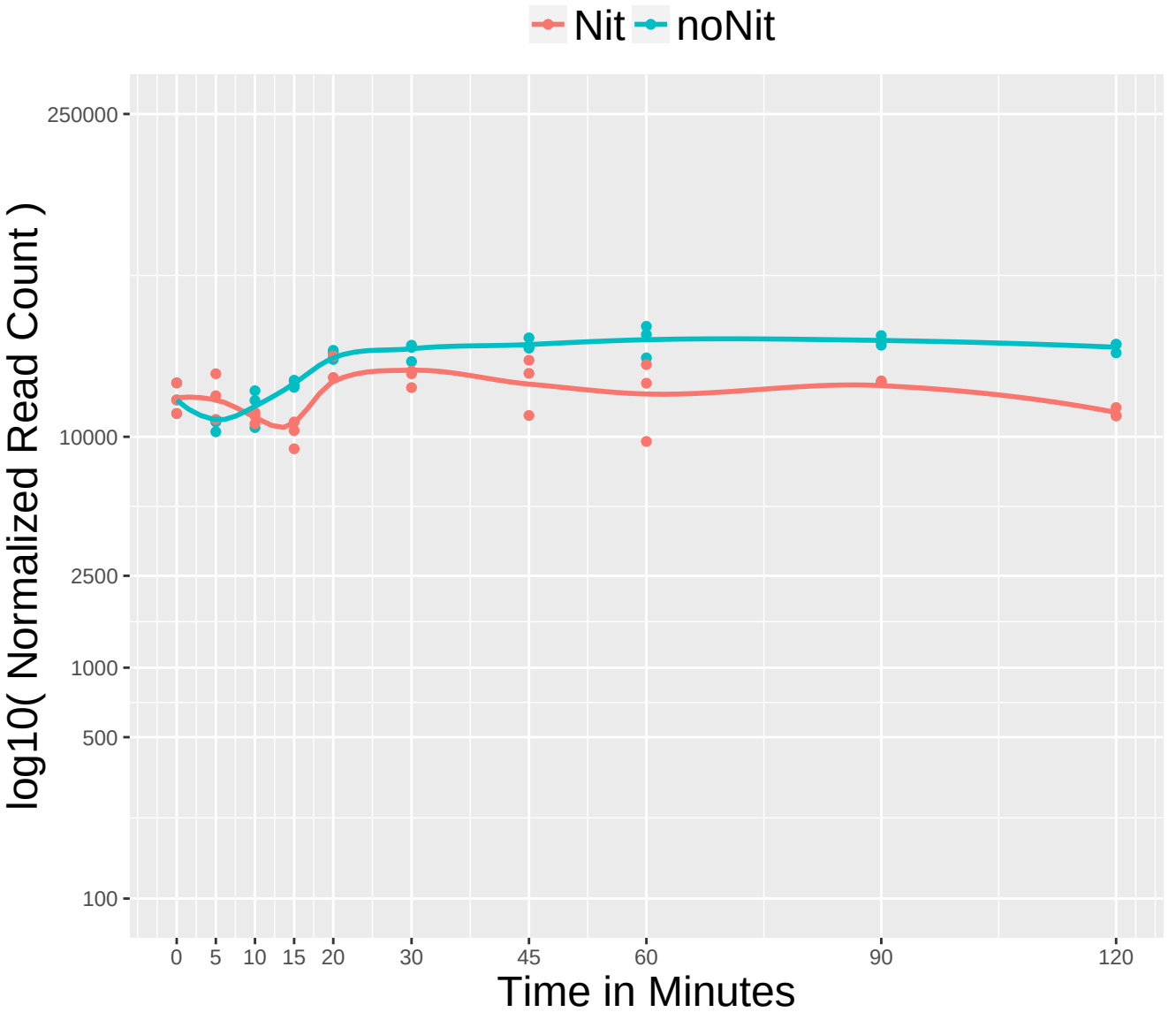
AT4G30400

RING/U−box



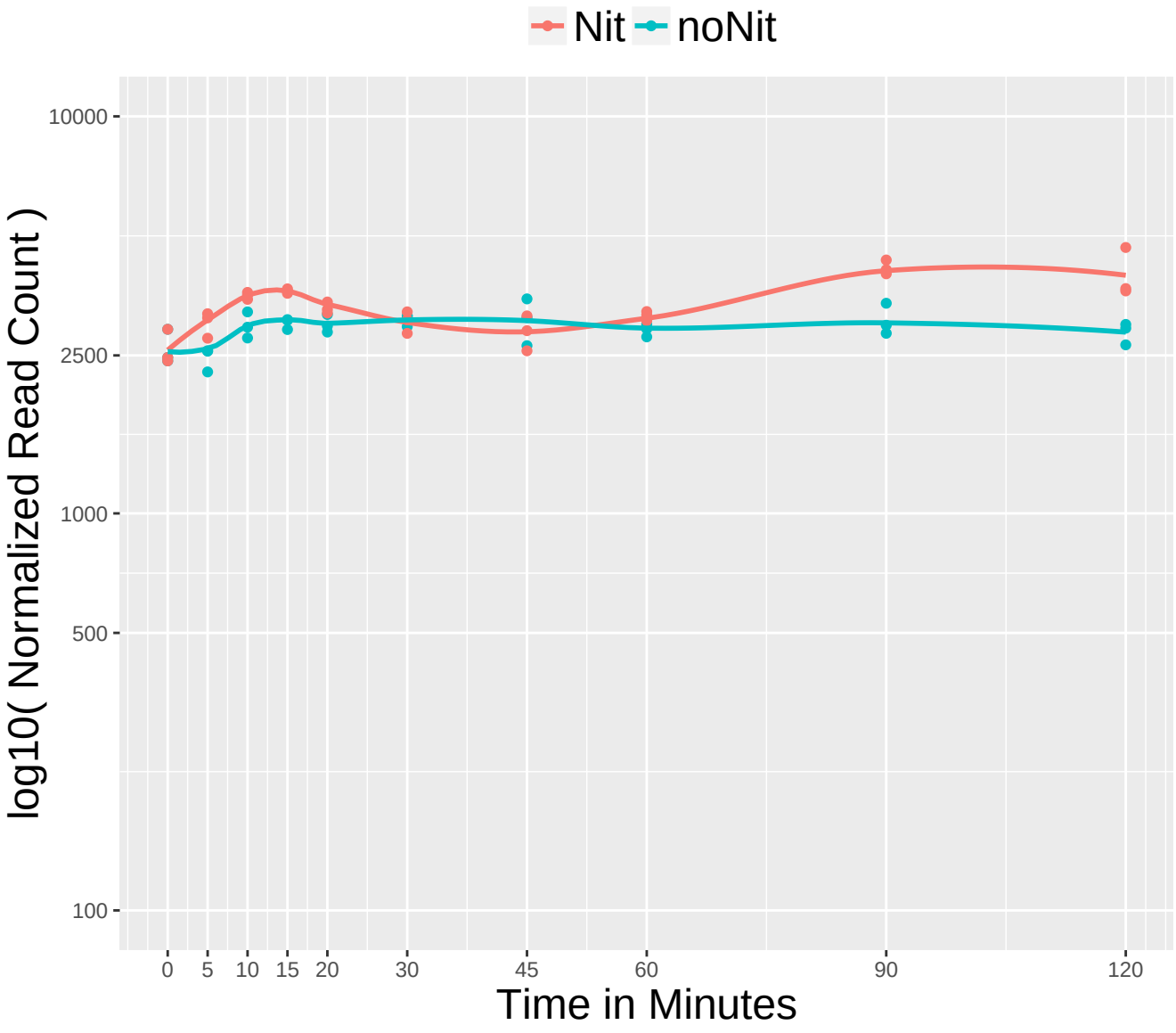
AT4G32410

ANY1,anisotropy1,AtCESA1,CELLULOSE



AT4G34350

CLB6,CHLOROPLAST



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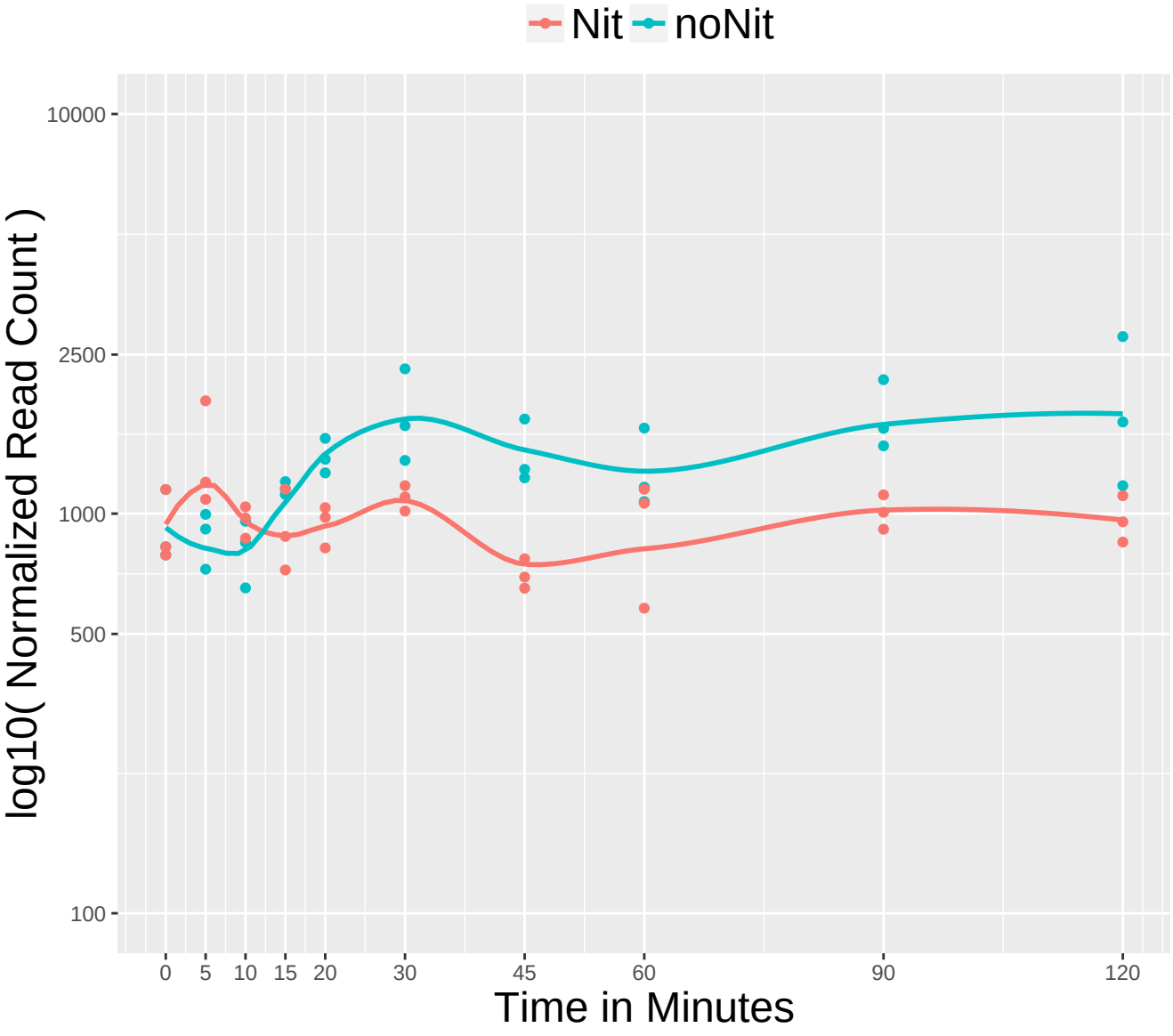
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1000
500
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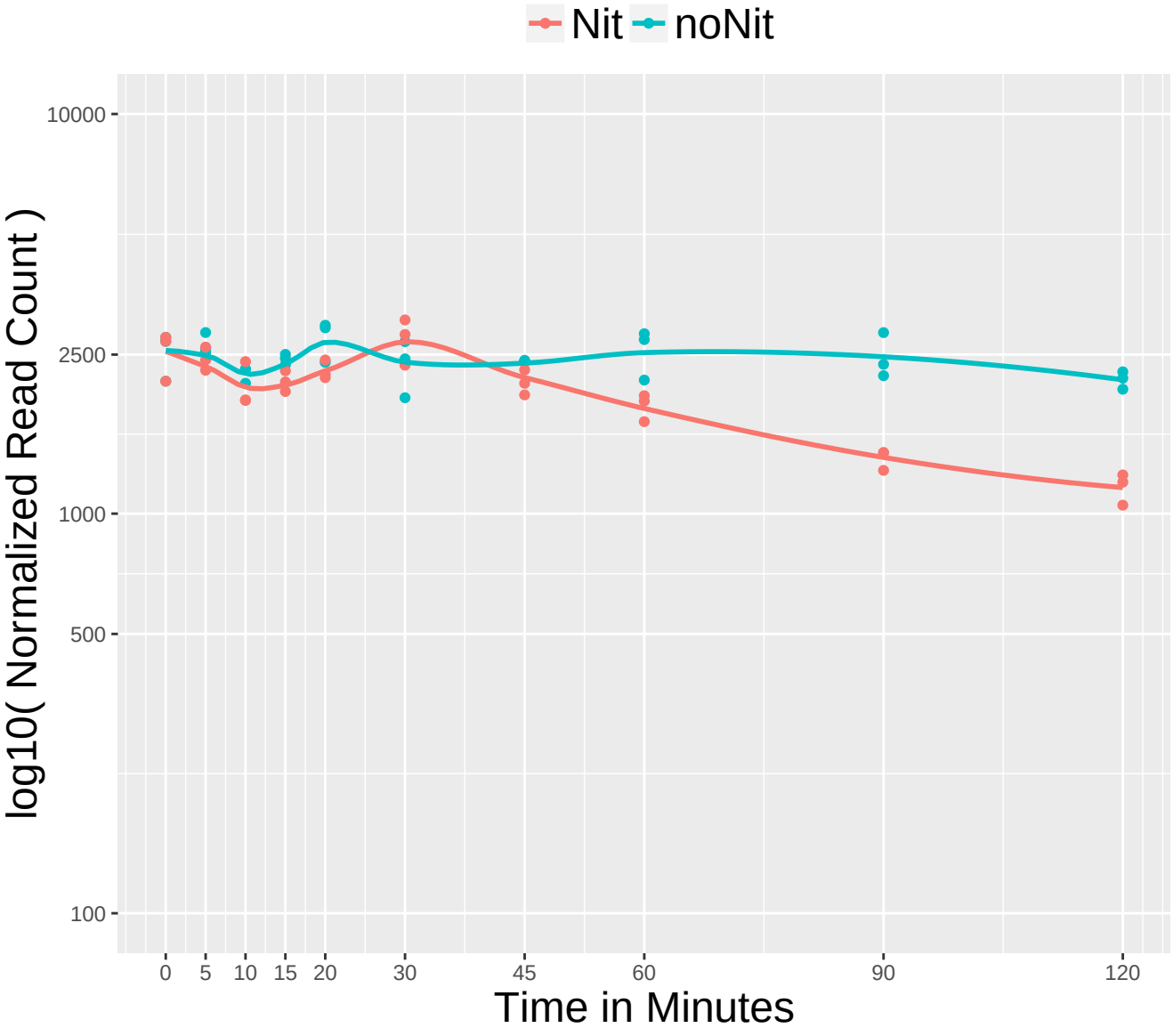
5
10
15
20
30
45
60
90
120
Time in Minutes

AT5G18130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AT5G25754

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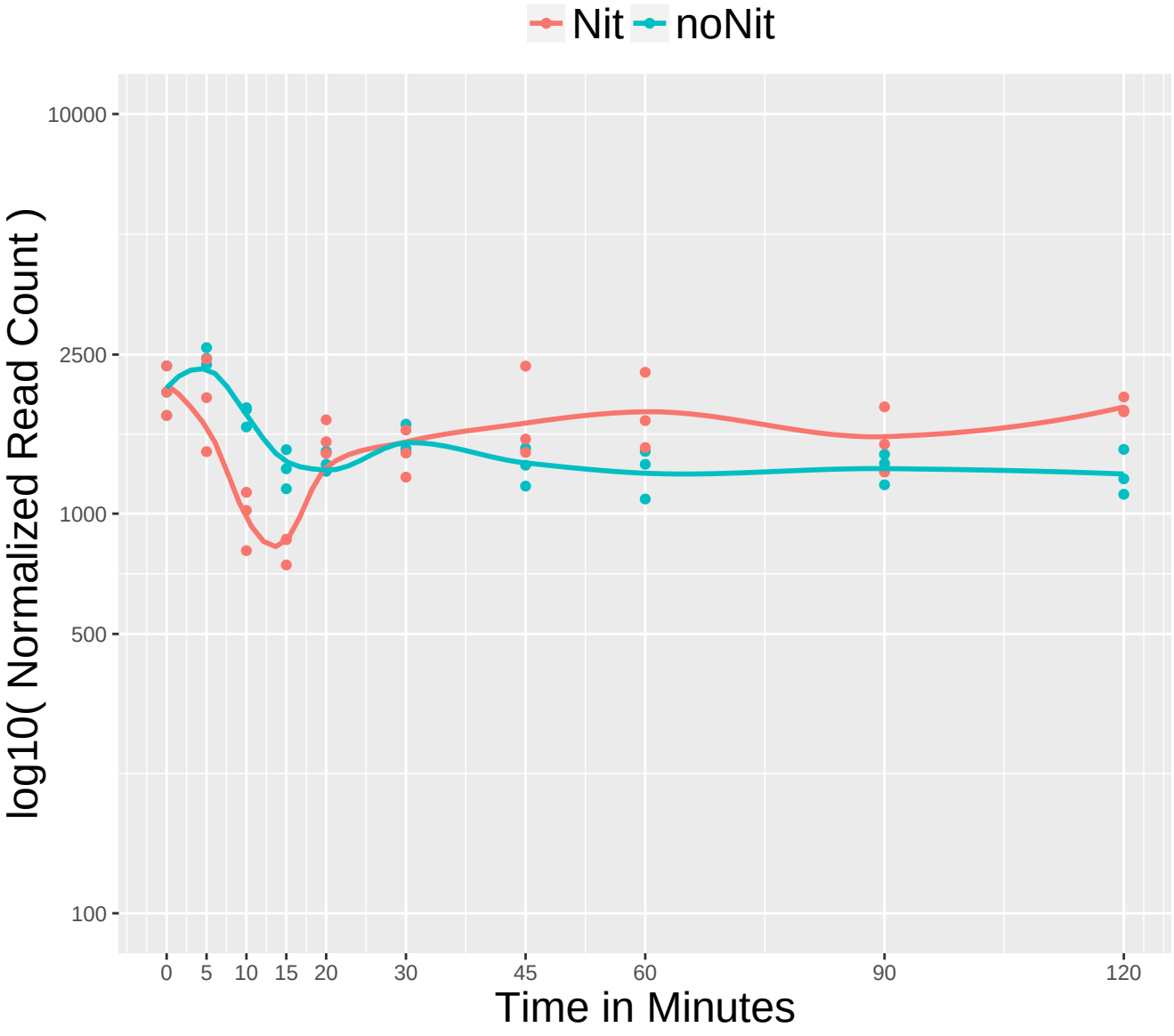

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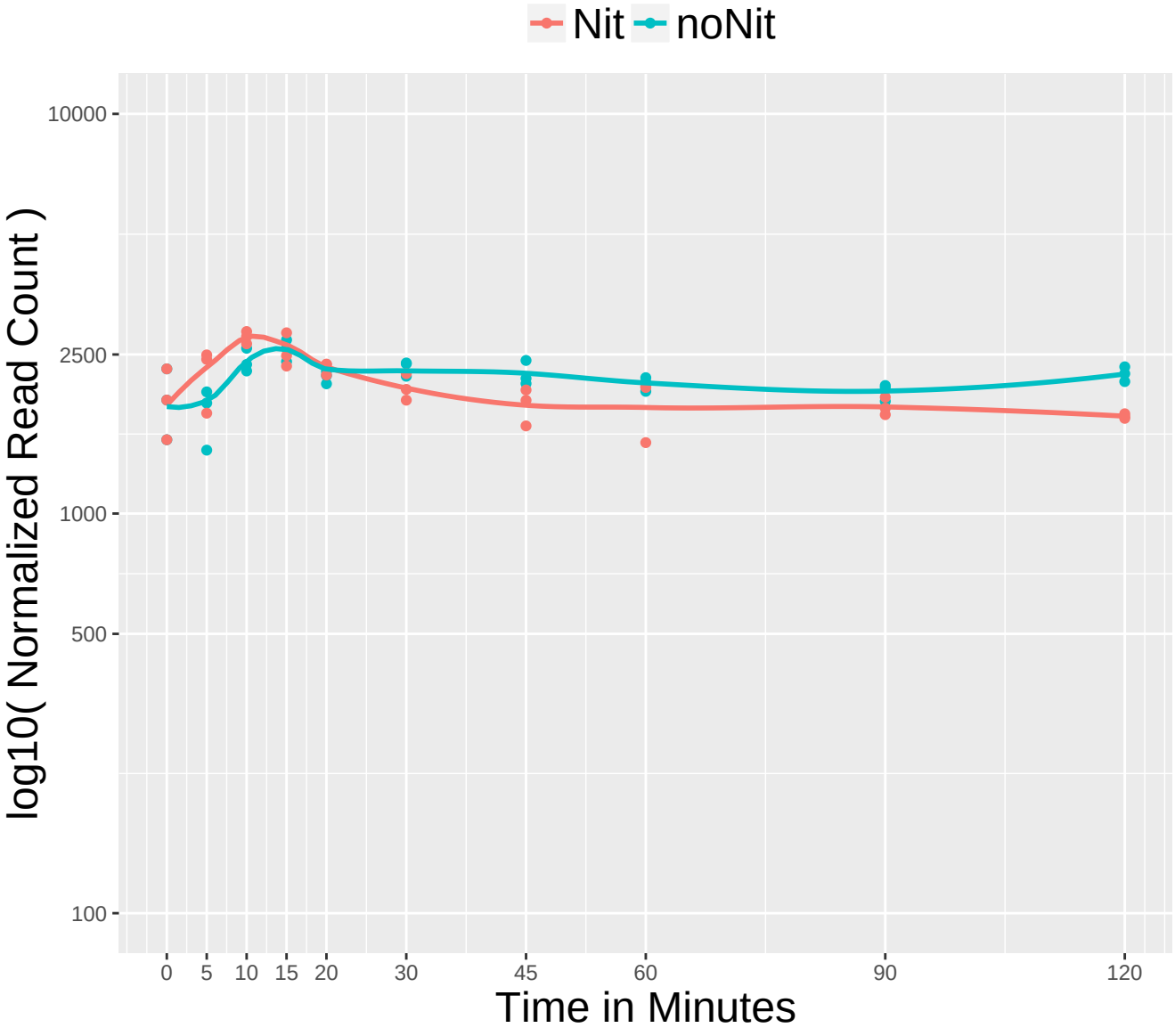
Protein



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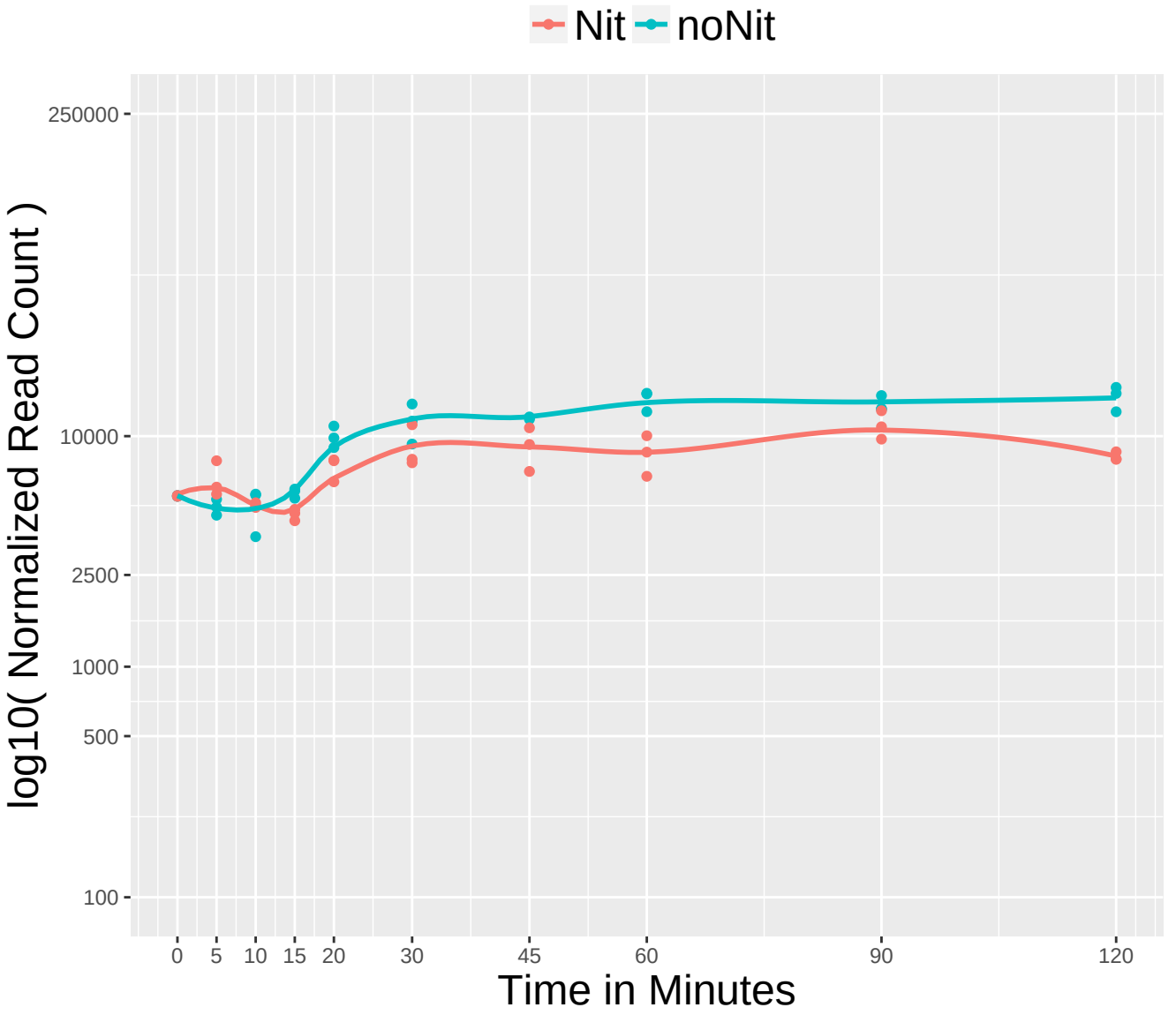
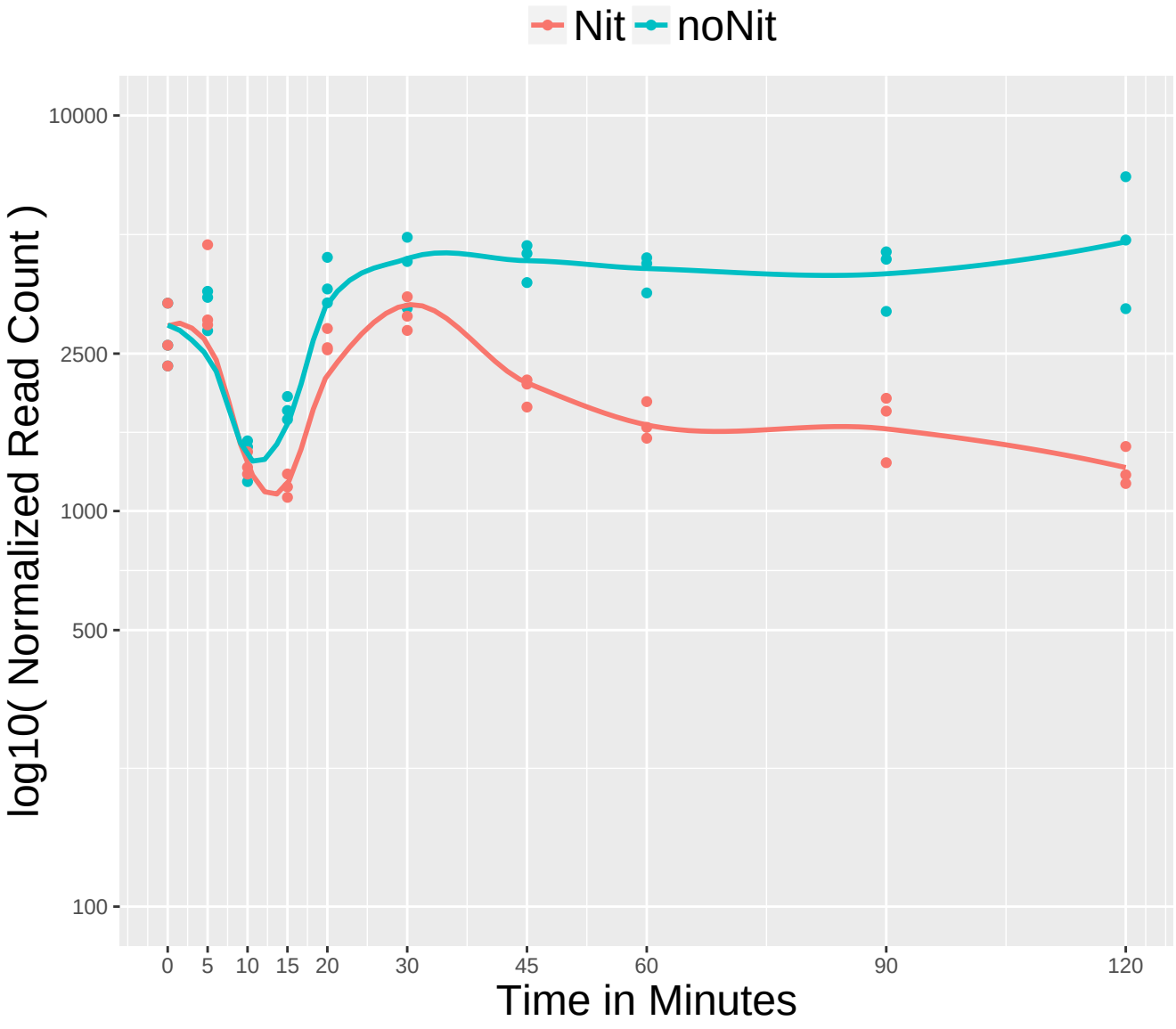
ATPEPC1,,ATPPC1,phosphoenolpyruvate



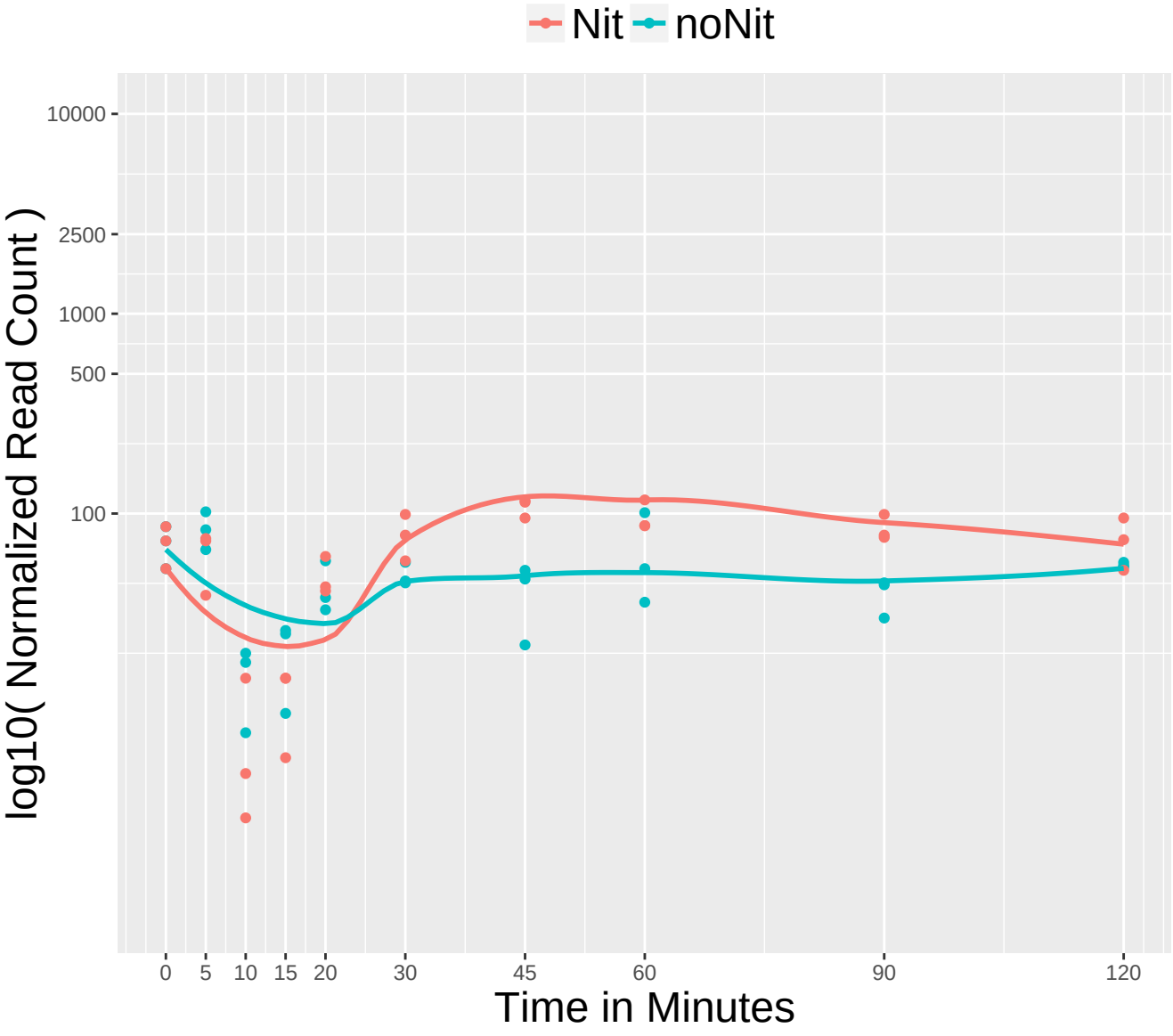
AT1G57990

ATPUP18,purine



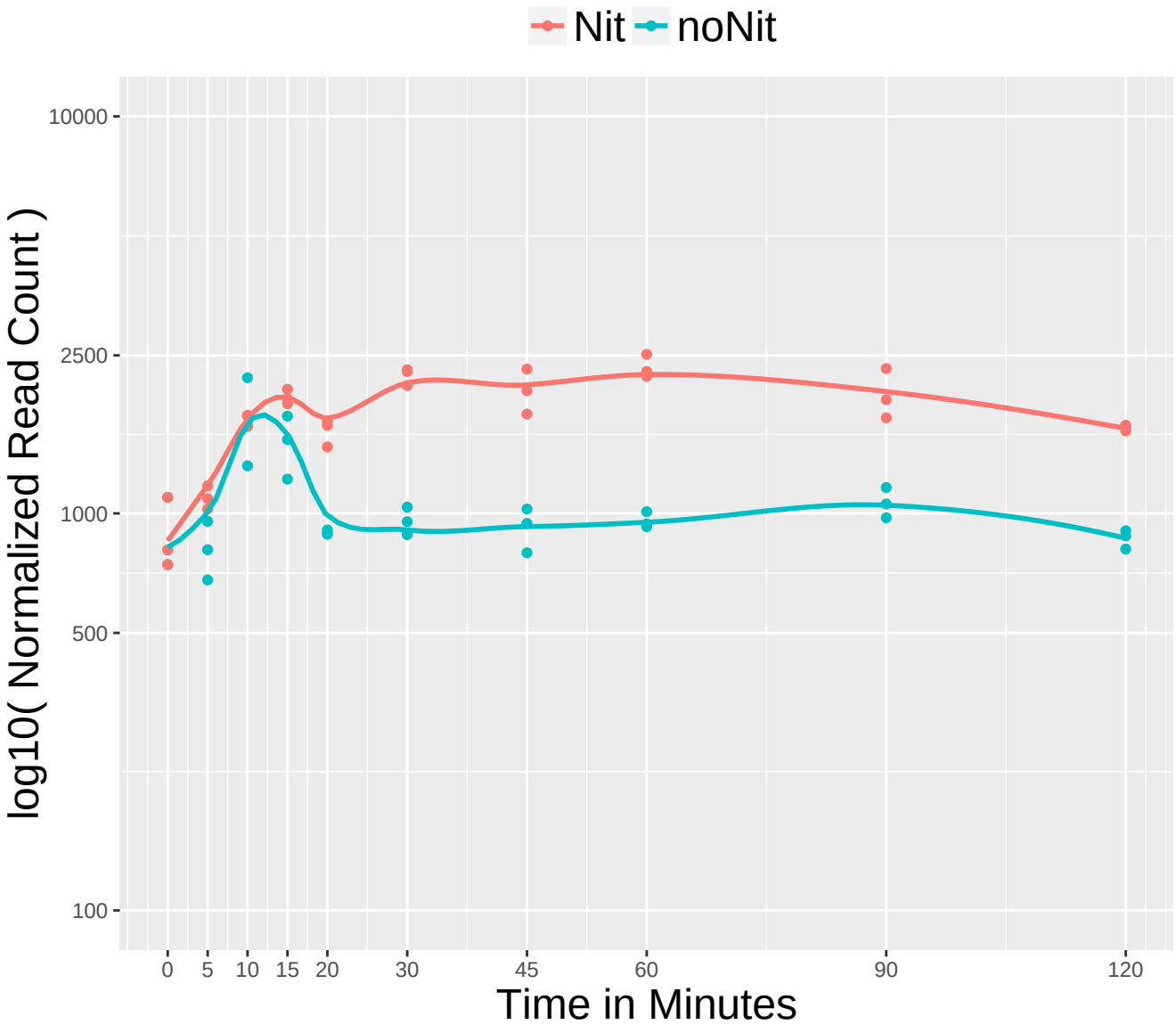
AT1G70430

Protein



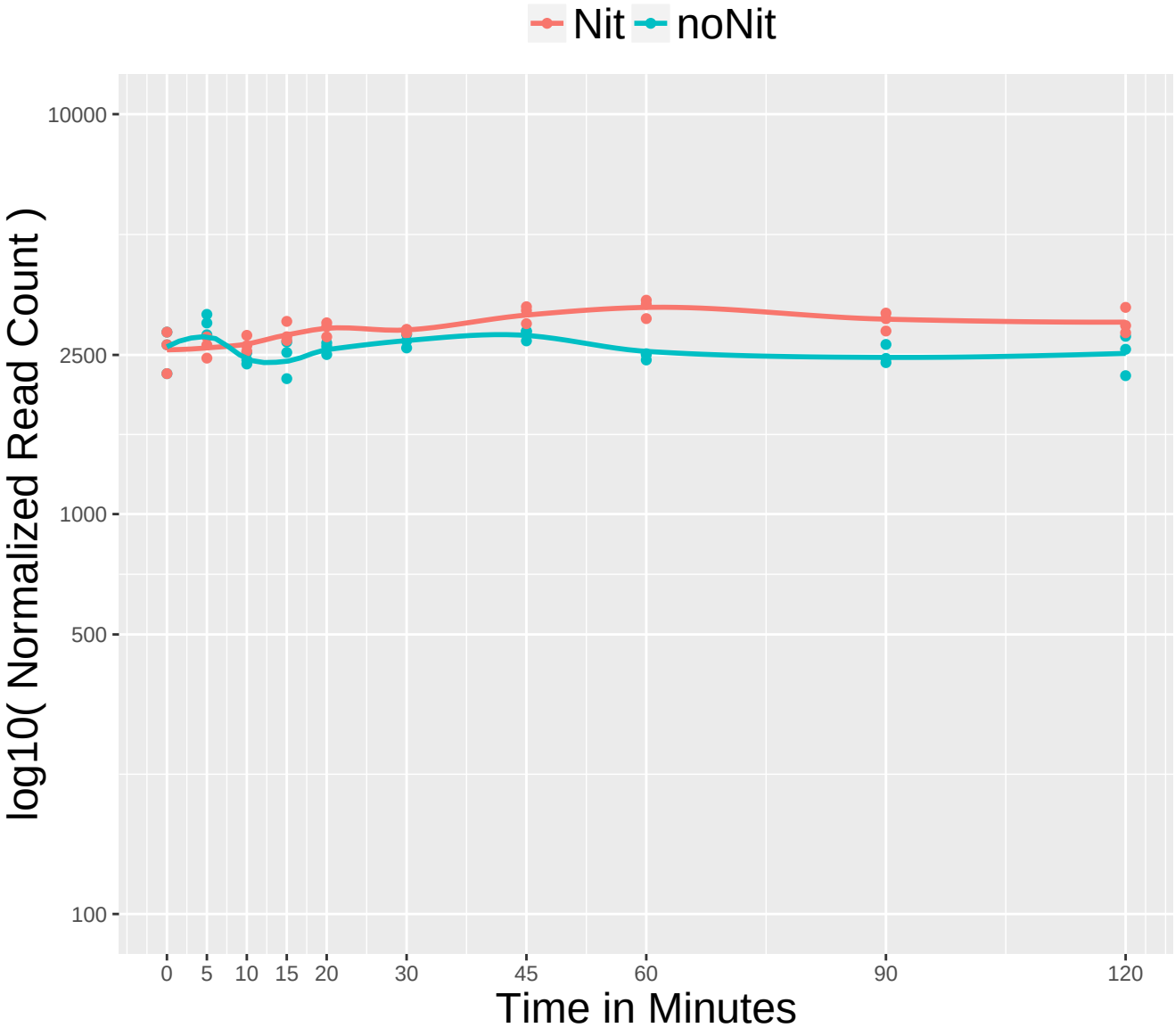
AT1G74660

MIF1,mini



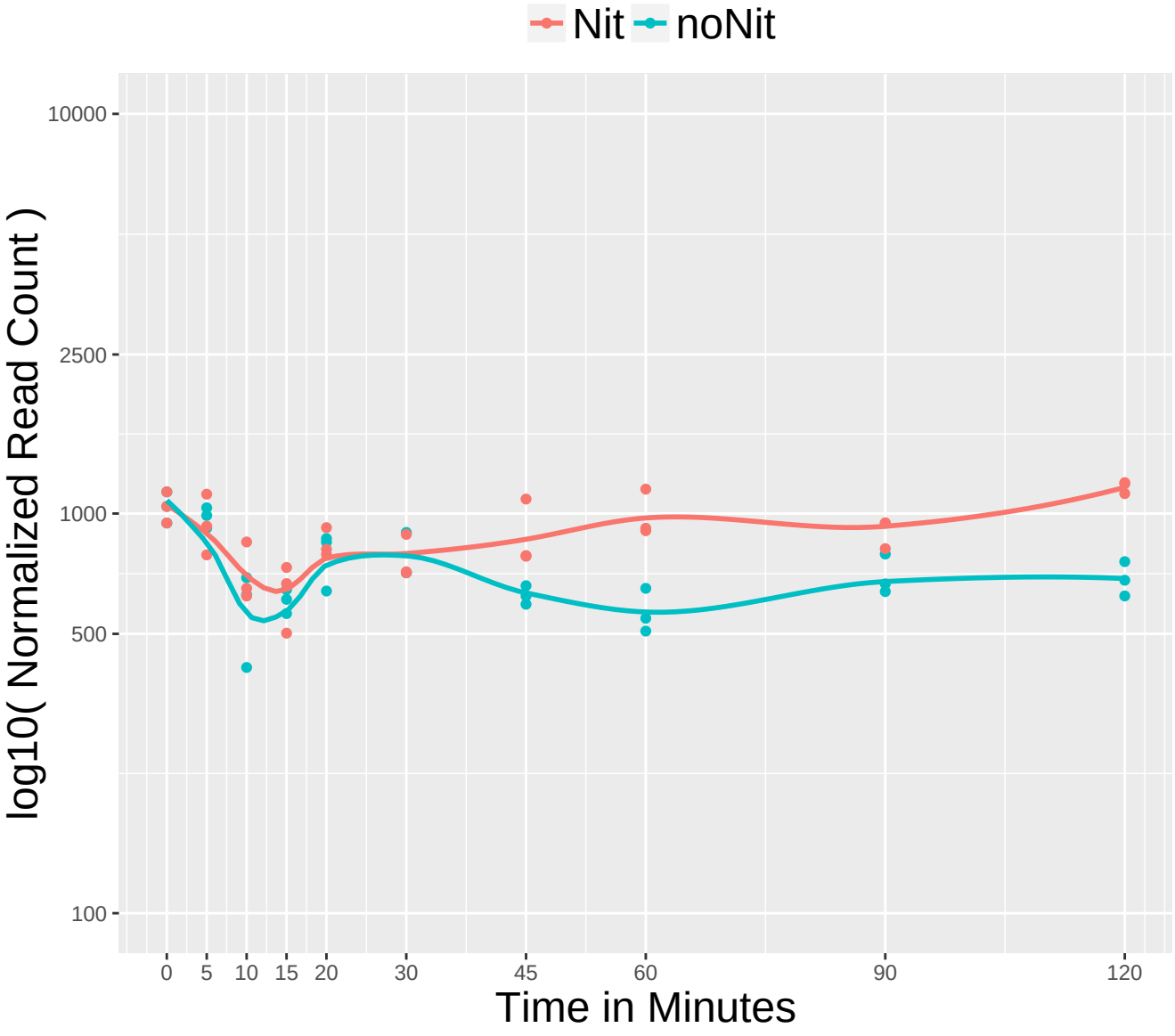
AT2G02870

Galactose



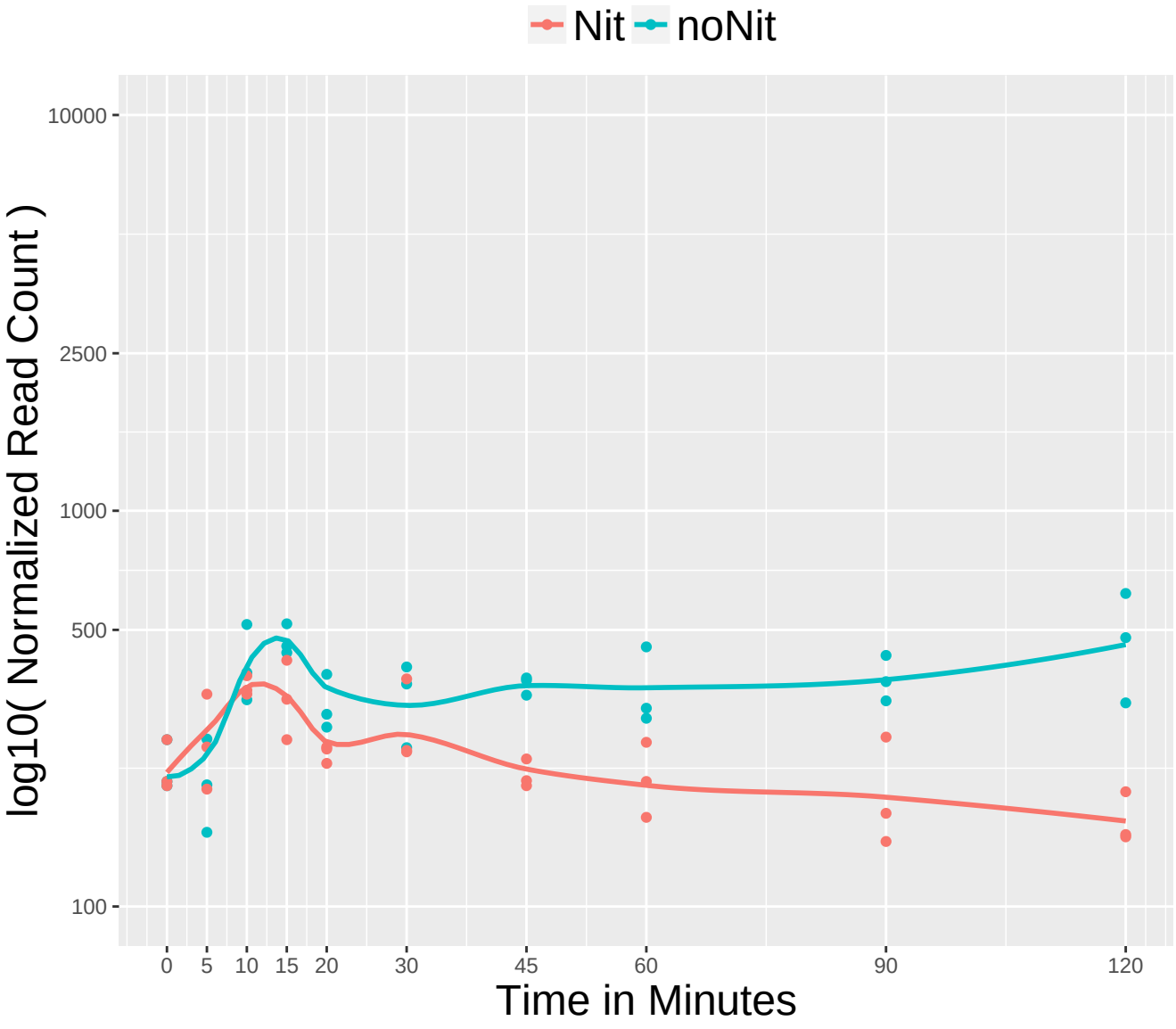
AT2G19385

zinc



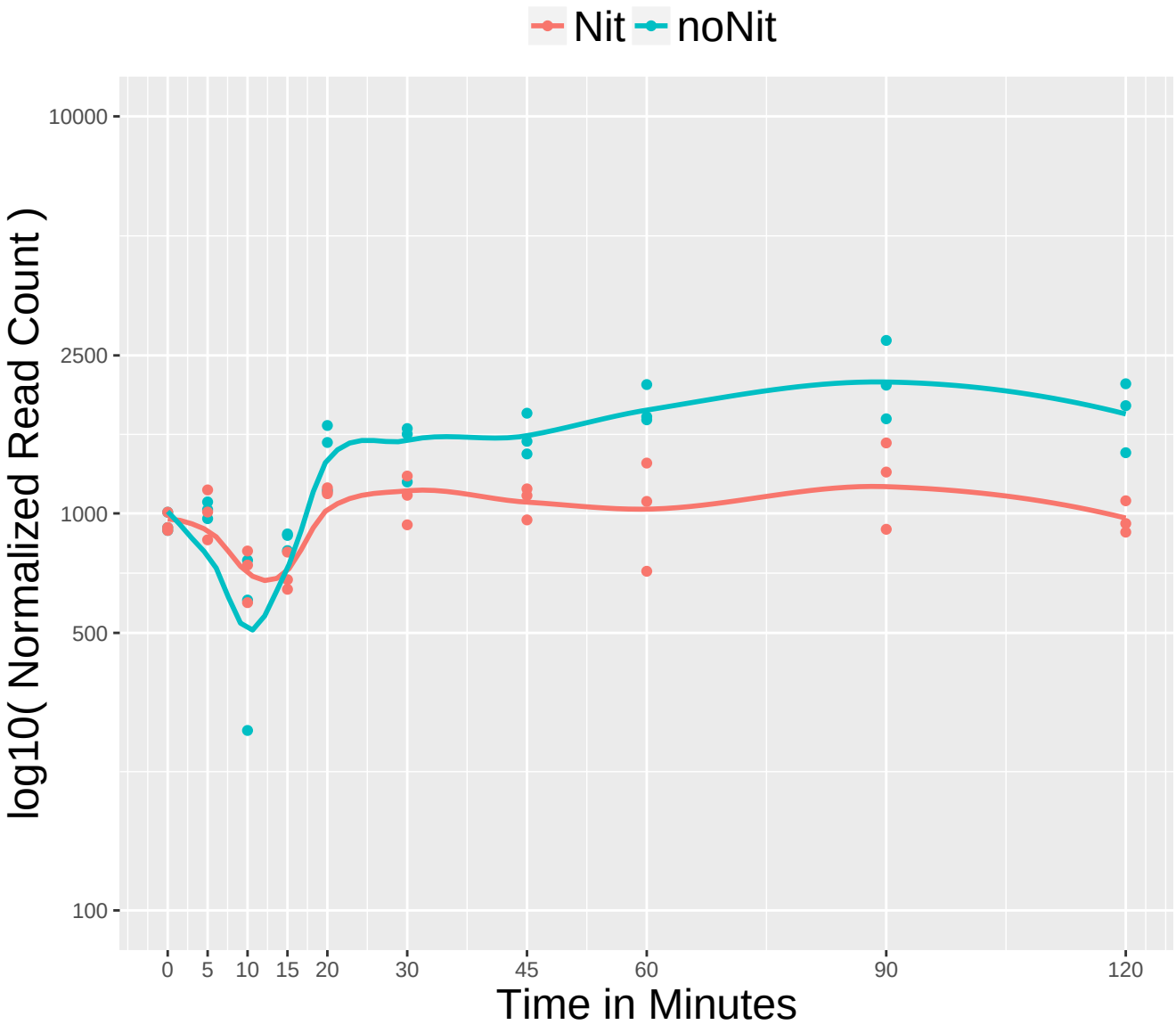
AT3G07900

O−fucosyltransferase



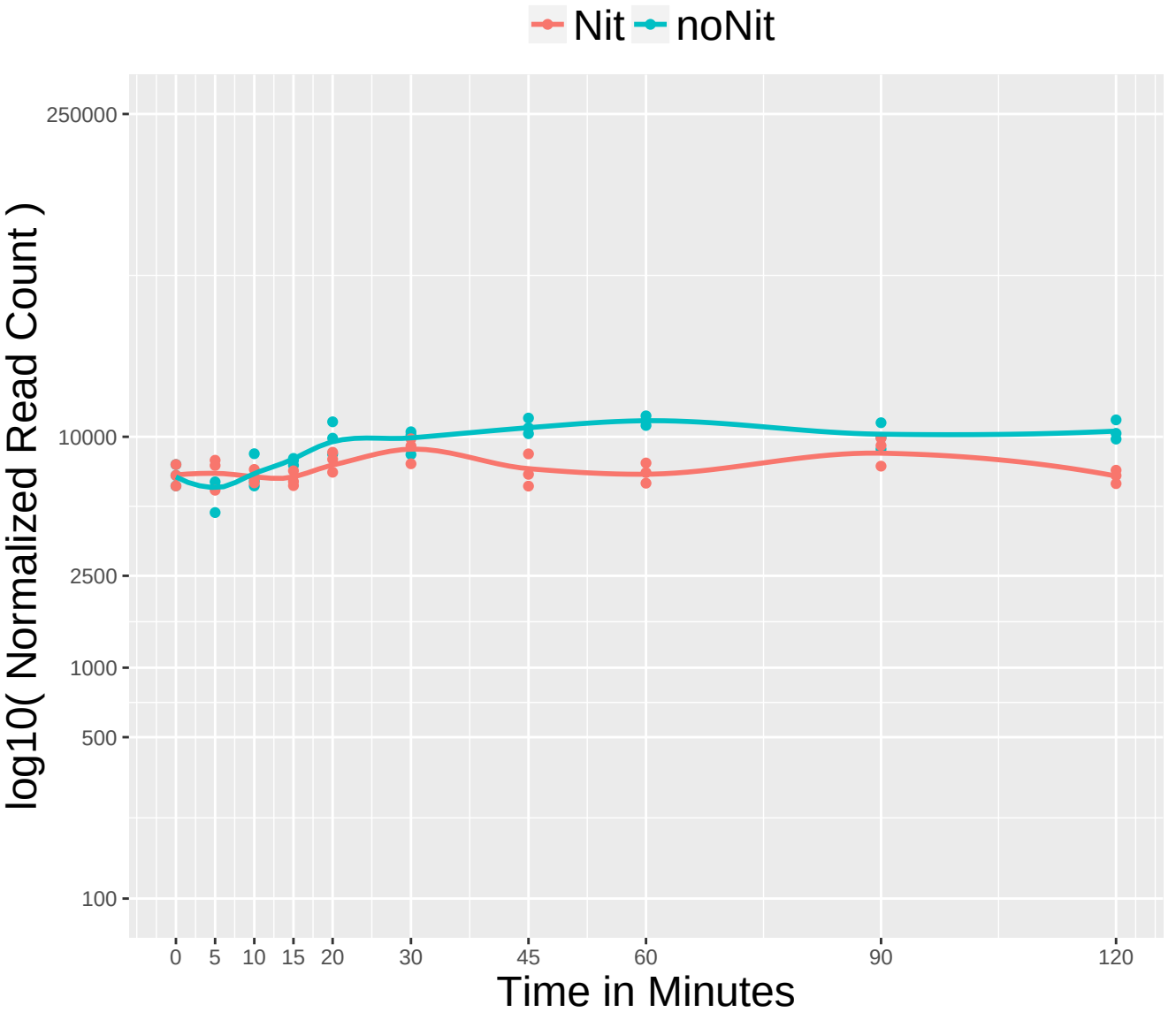
AT3G45650

AtNPF2.7,,NAXT1,nitrate



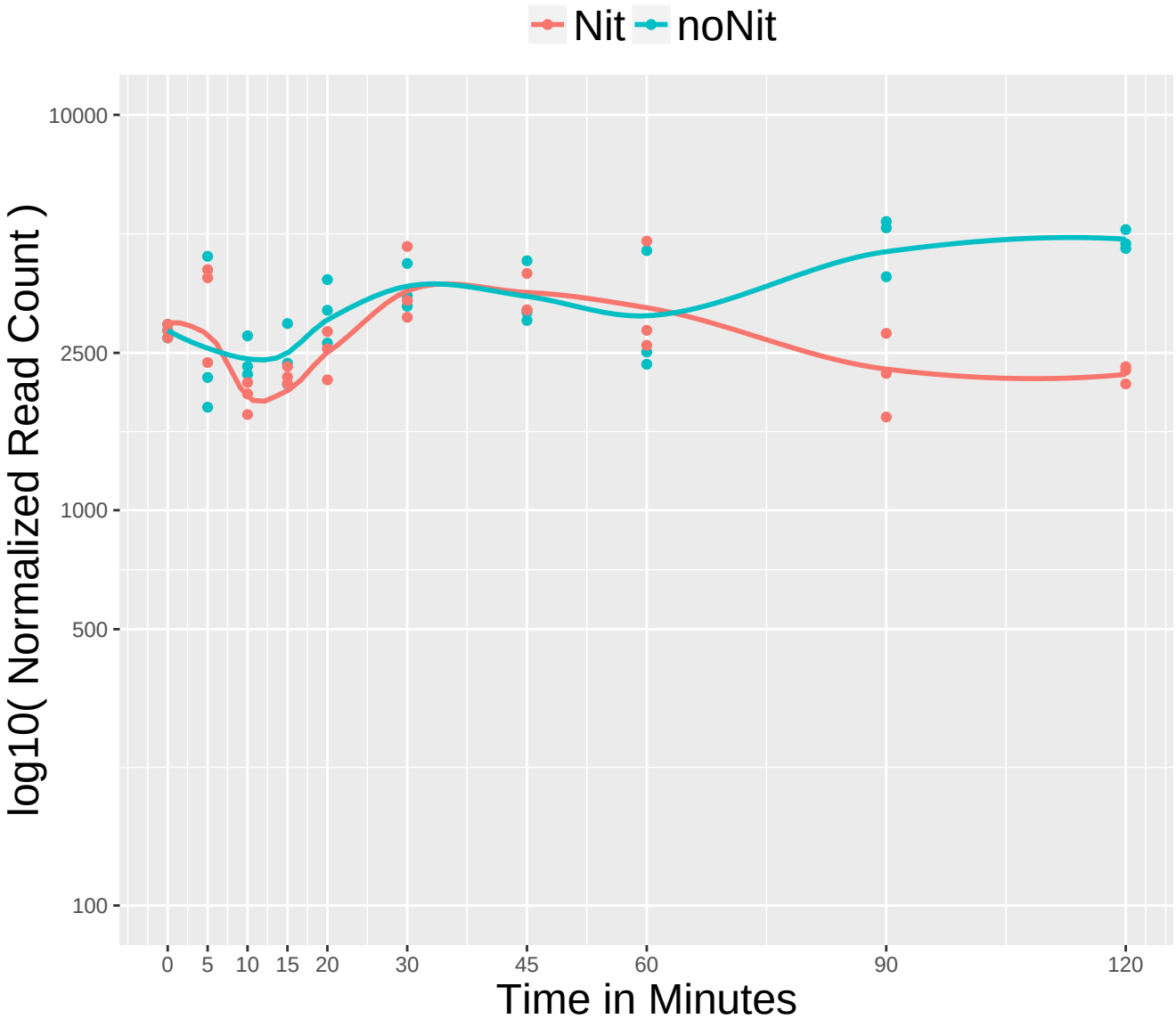
AT3G48000

ALDH2,aldehyde



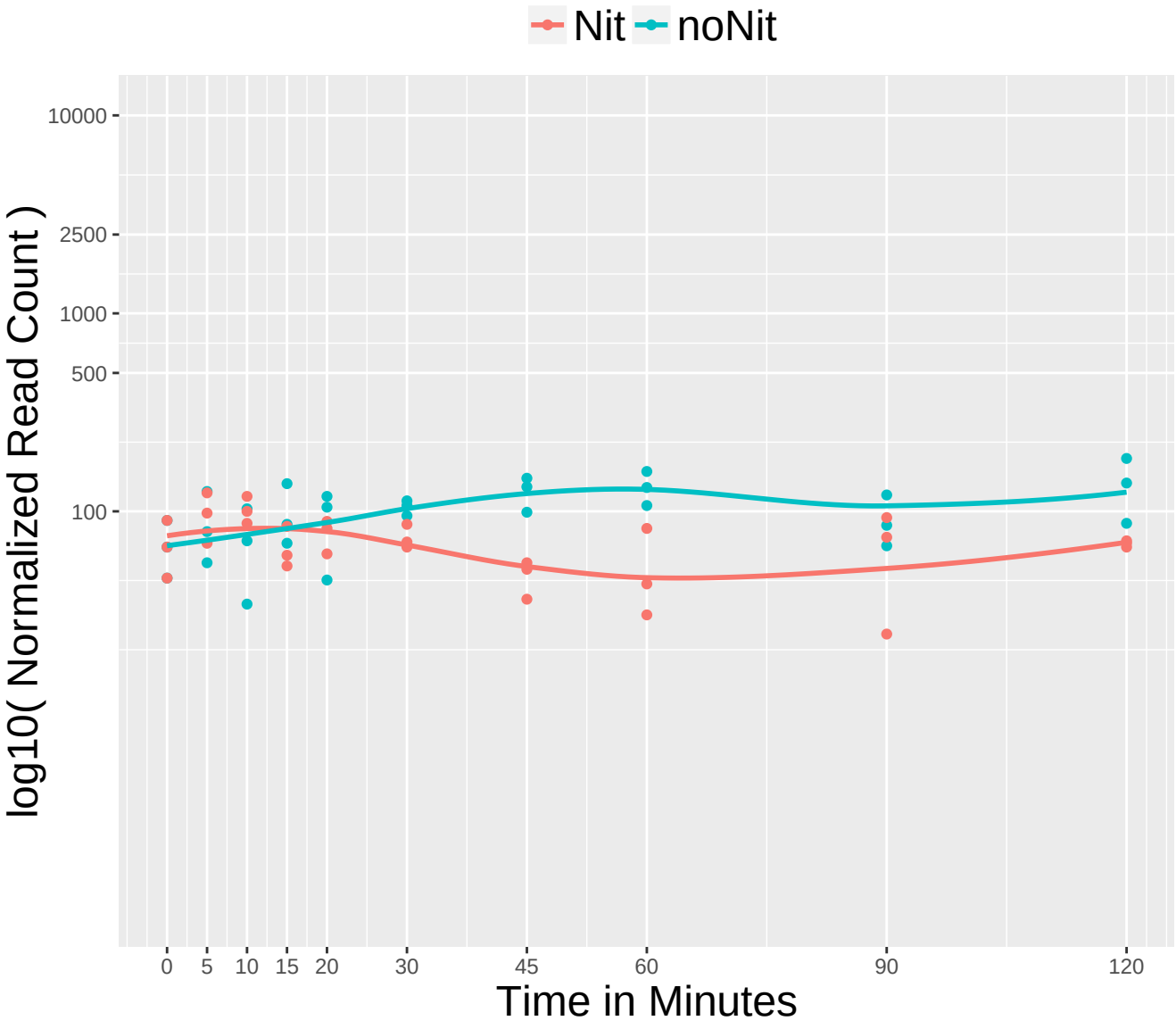
AT3G48340

CEP2,cysteine



AT4G18990

XTH29,xyloglucan



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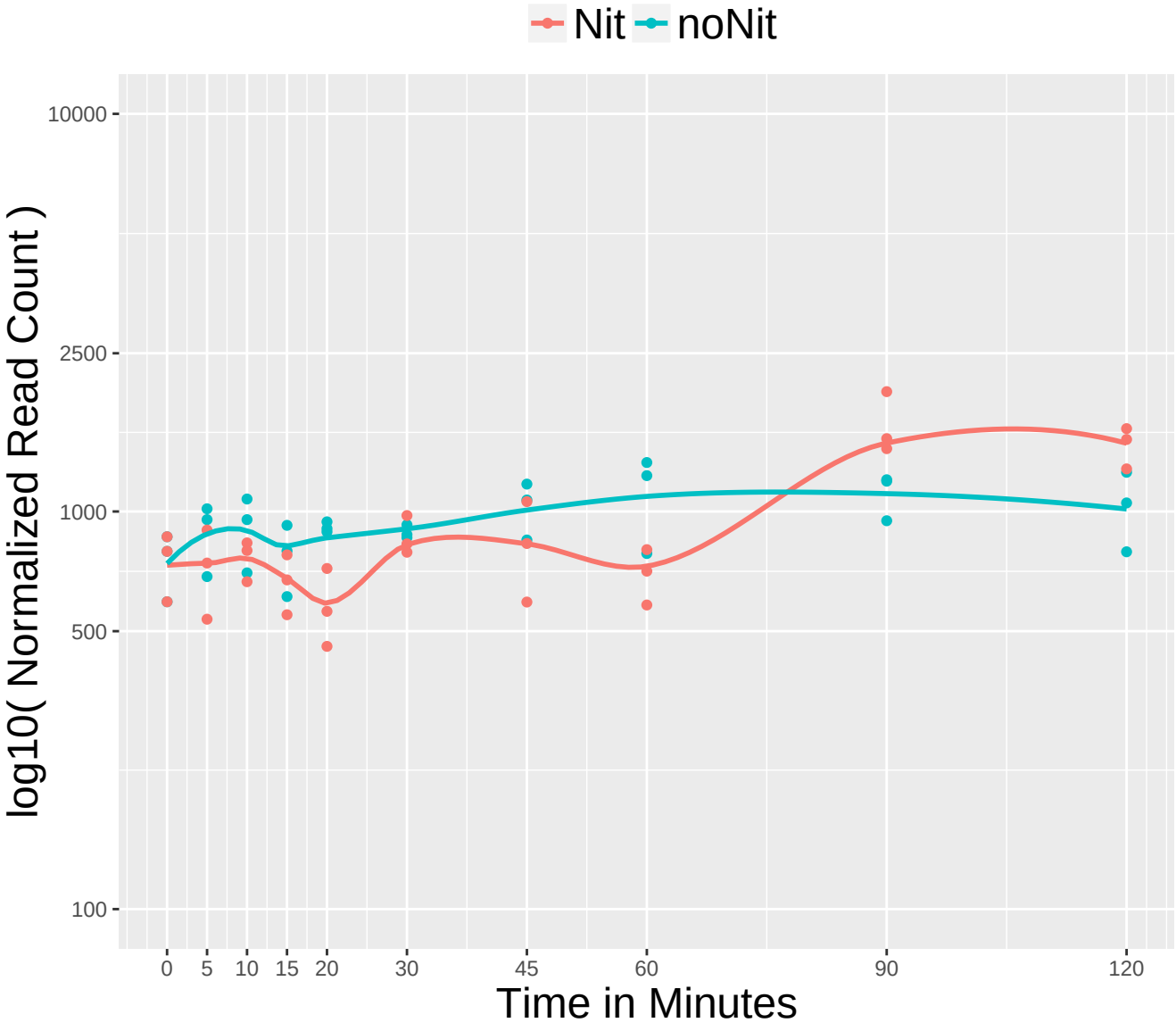
HAE,HAESA,RLK5,RECEPTOR−LIKE



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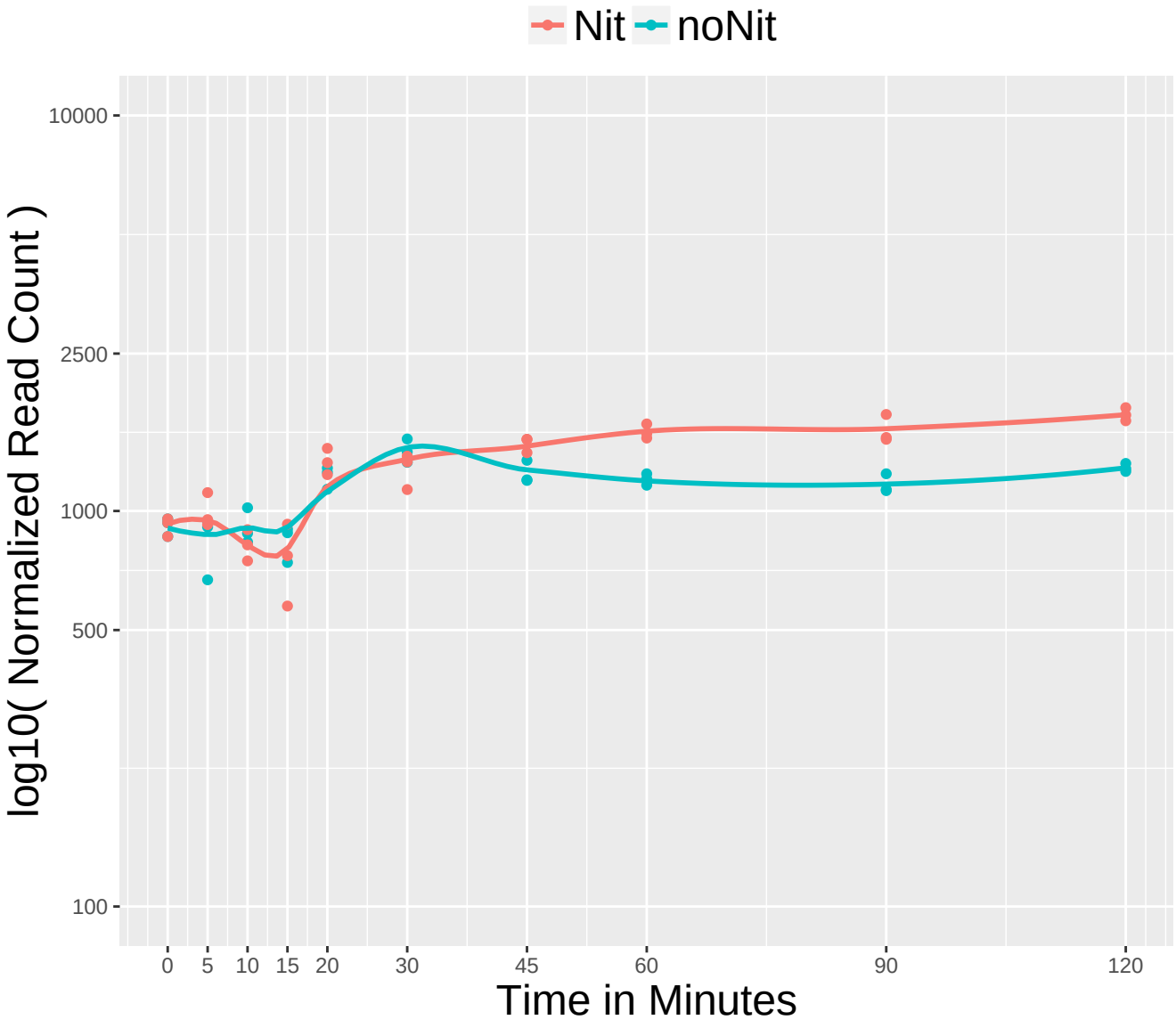
Tetratricopeptide



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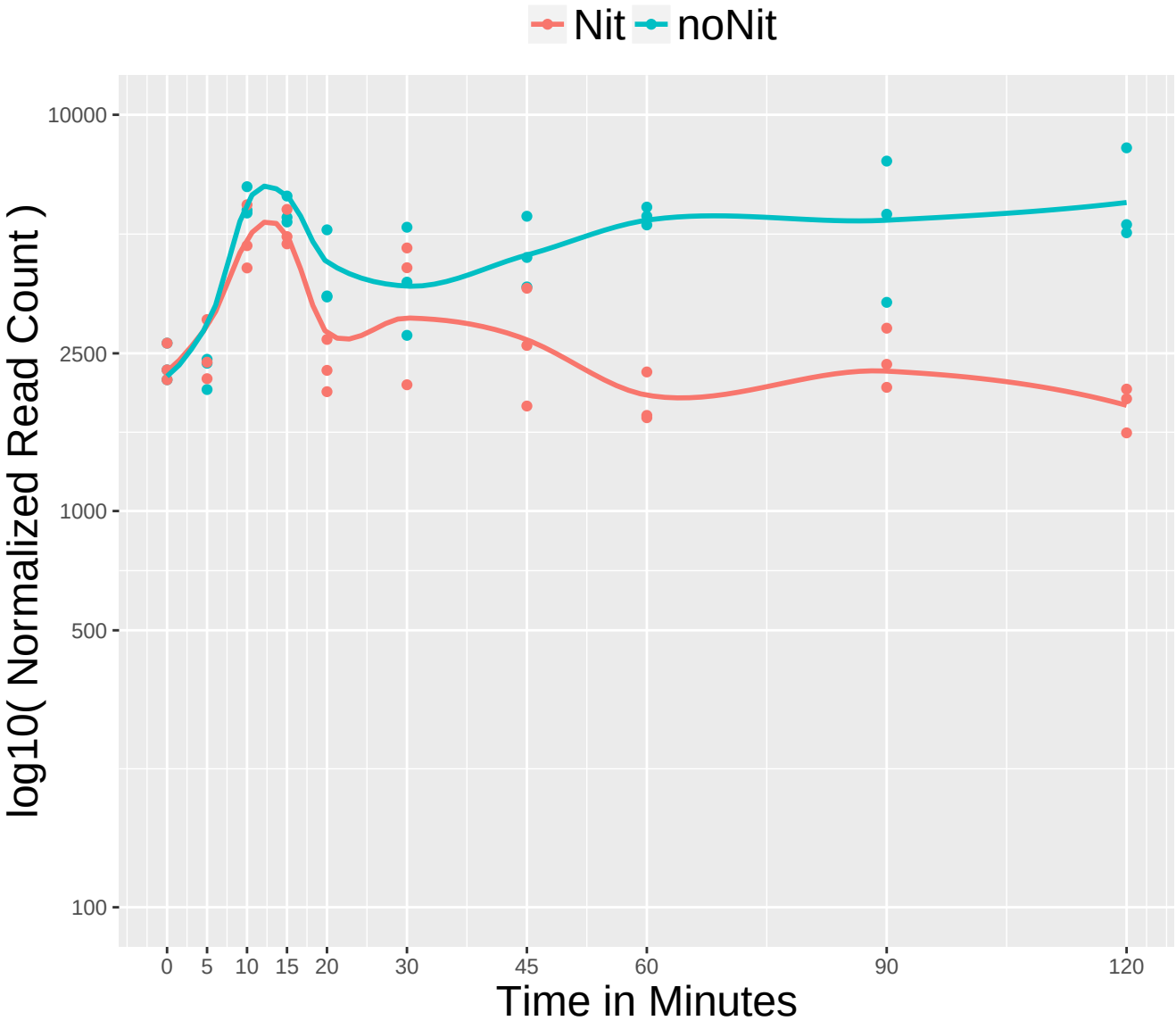
AtHsp70−2,,Hsp70−2



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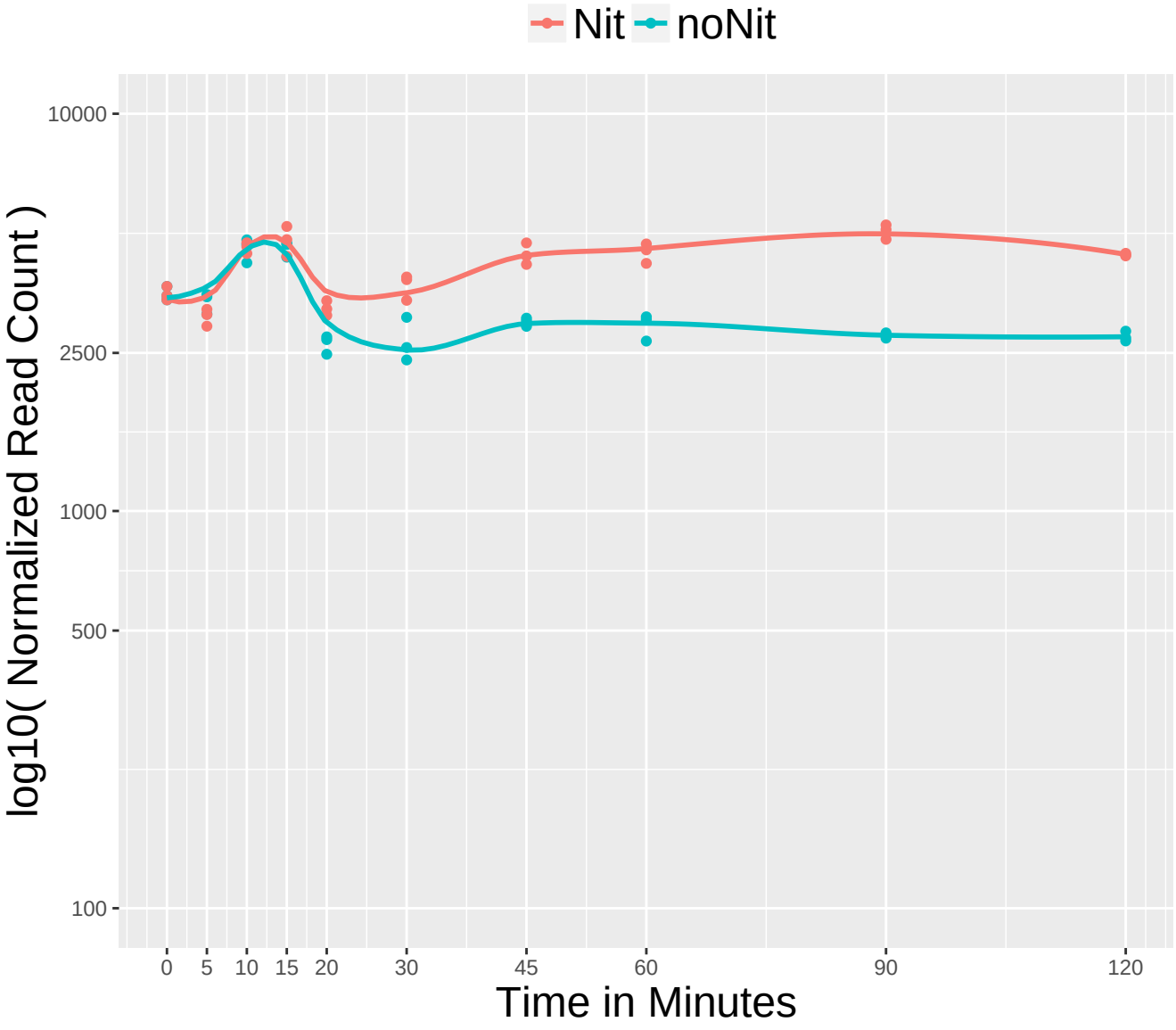
B73,,CHL6,CHLORATE



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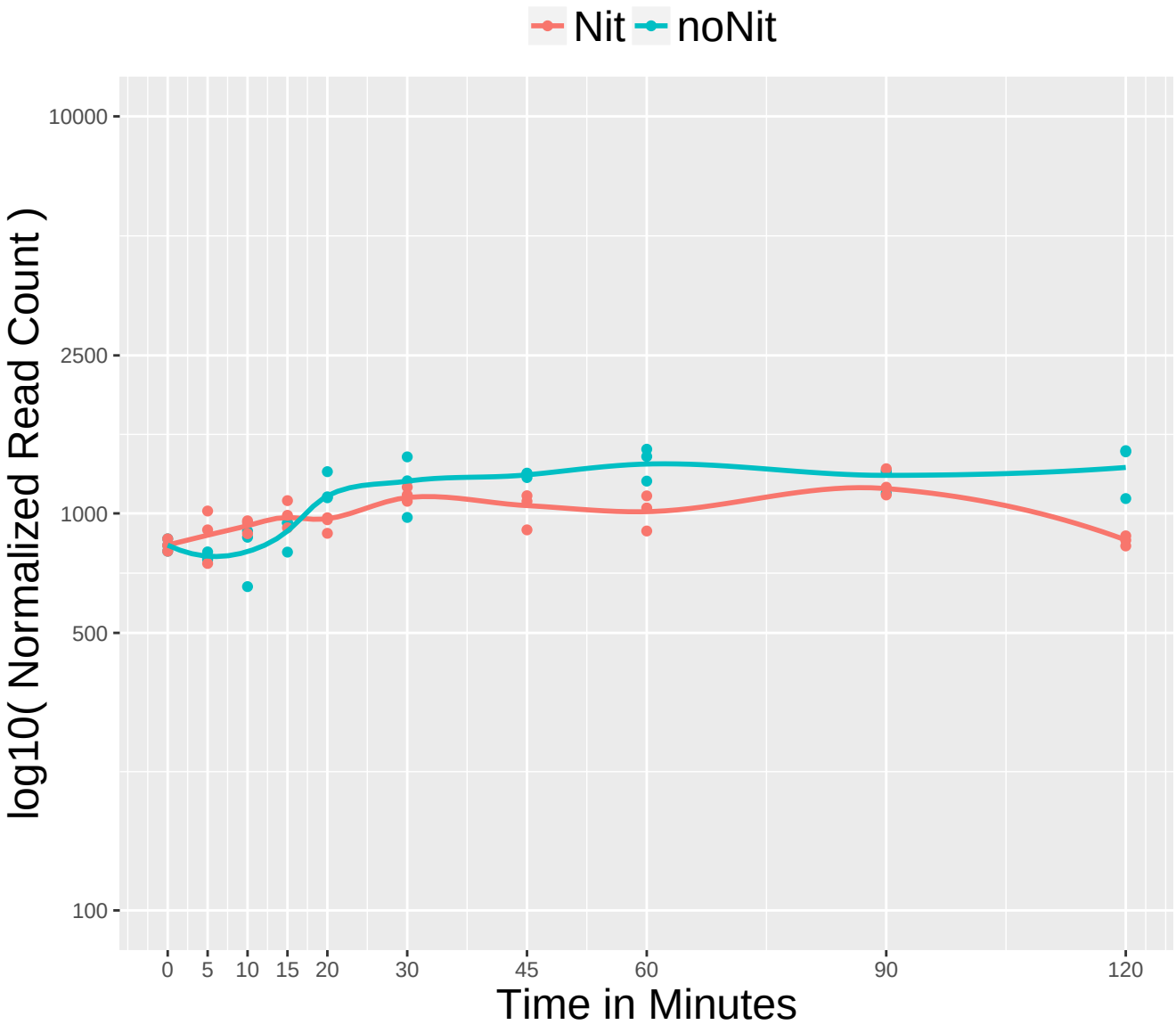
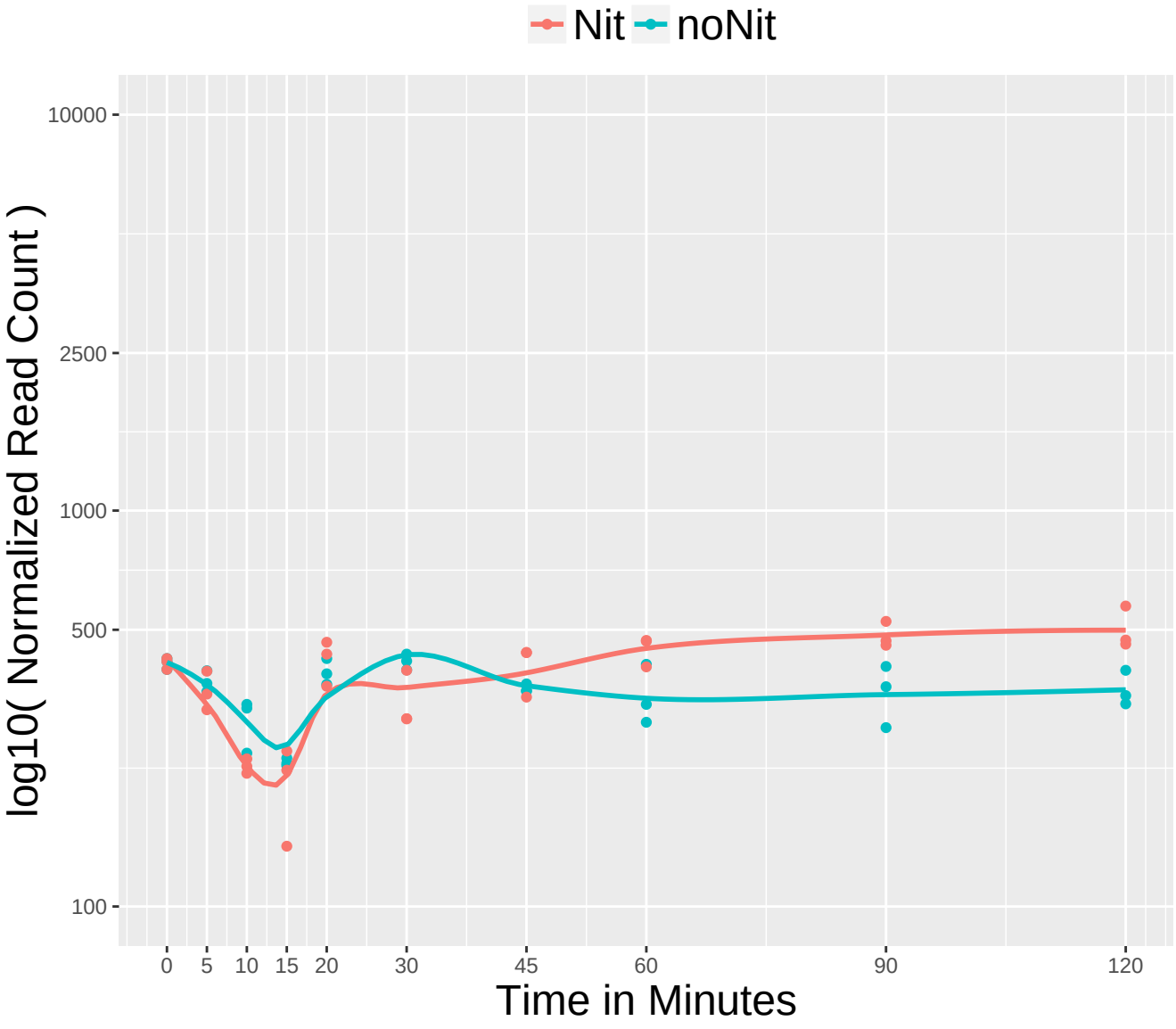
ATIRE1−1,ARABIDOPSIS



AT5G39840

ATP−dependent



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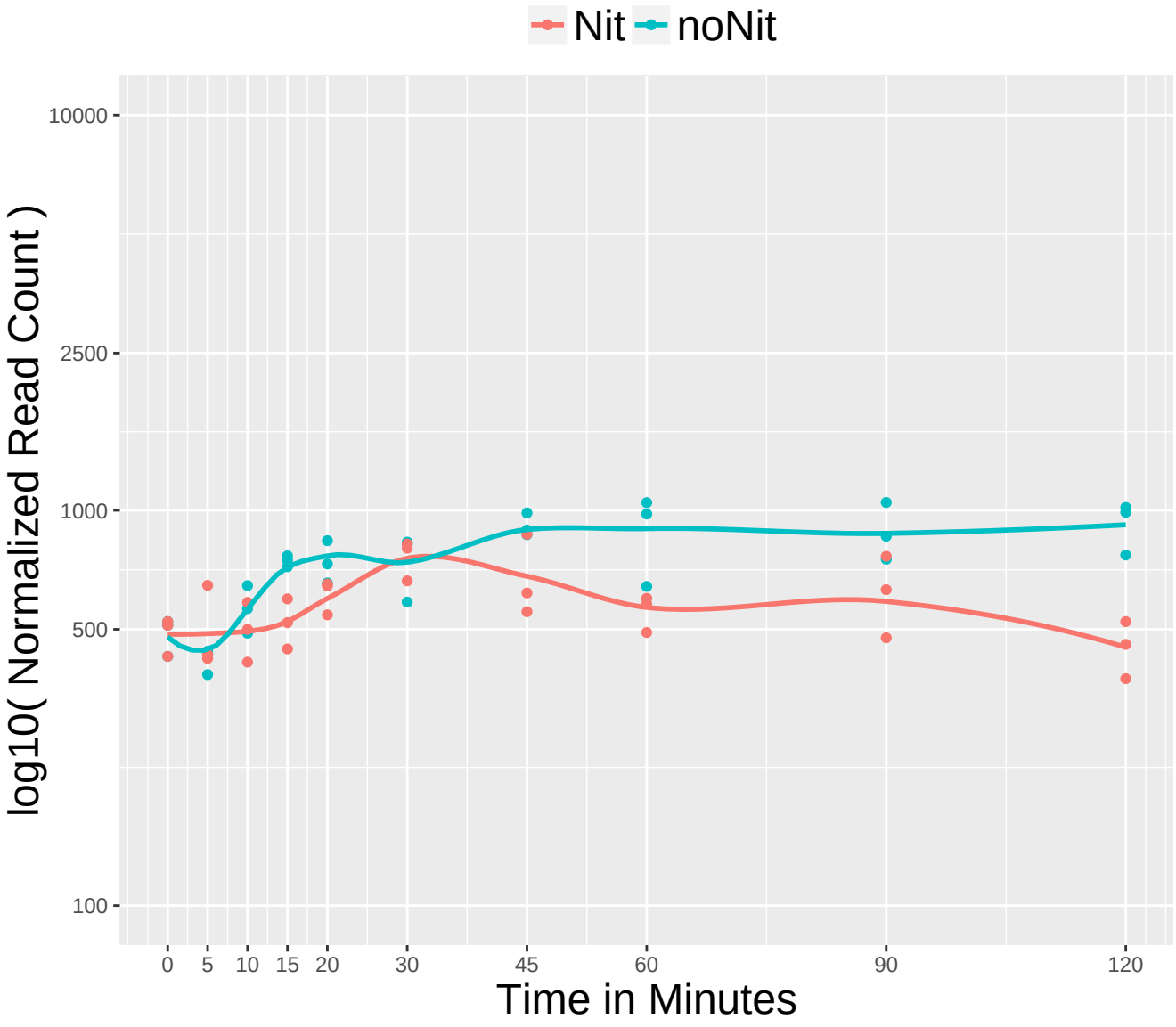
Beta−glucosidase



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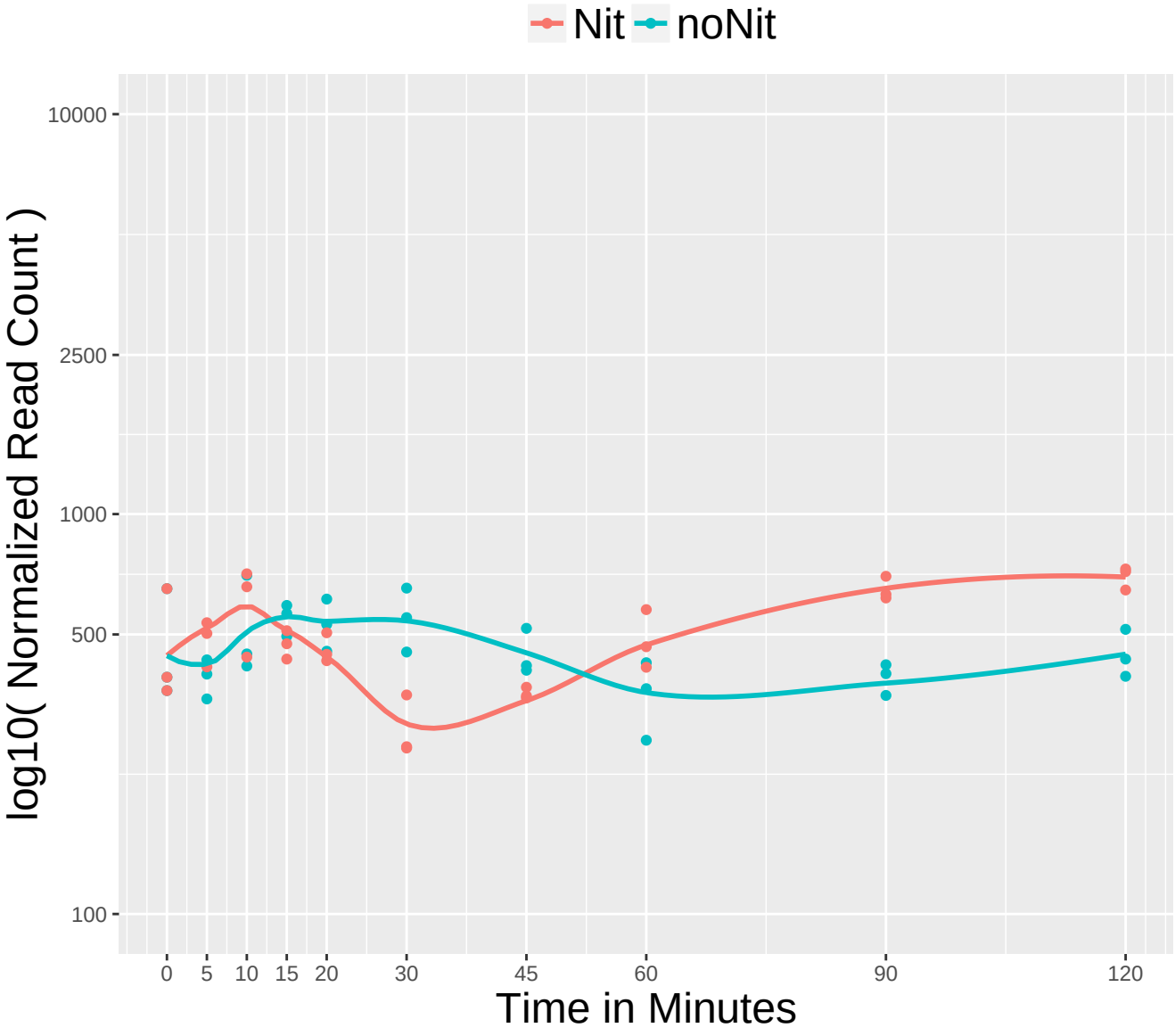
Transducin/WD40



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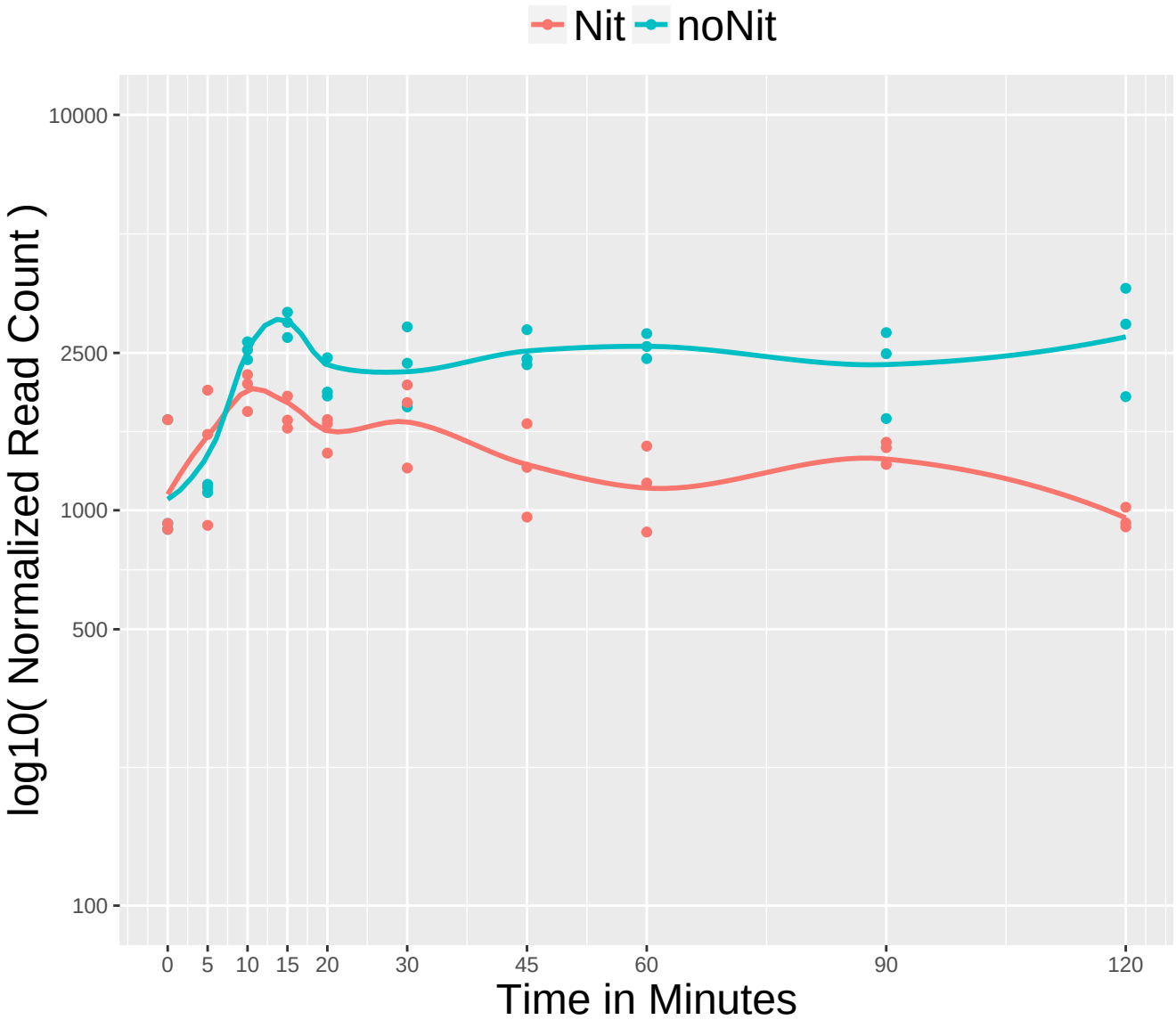
ATEXO70B2,exocyst



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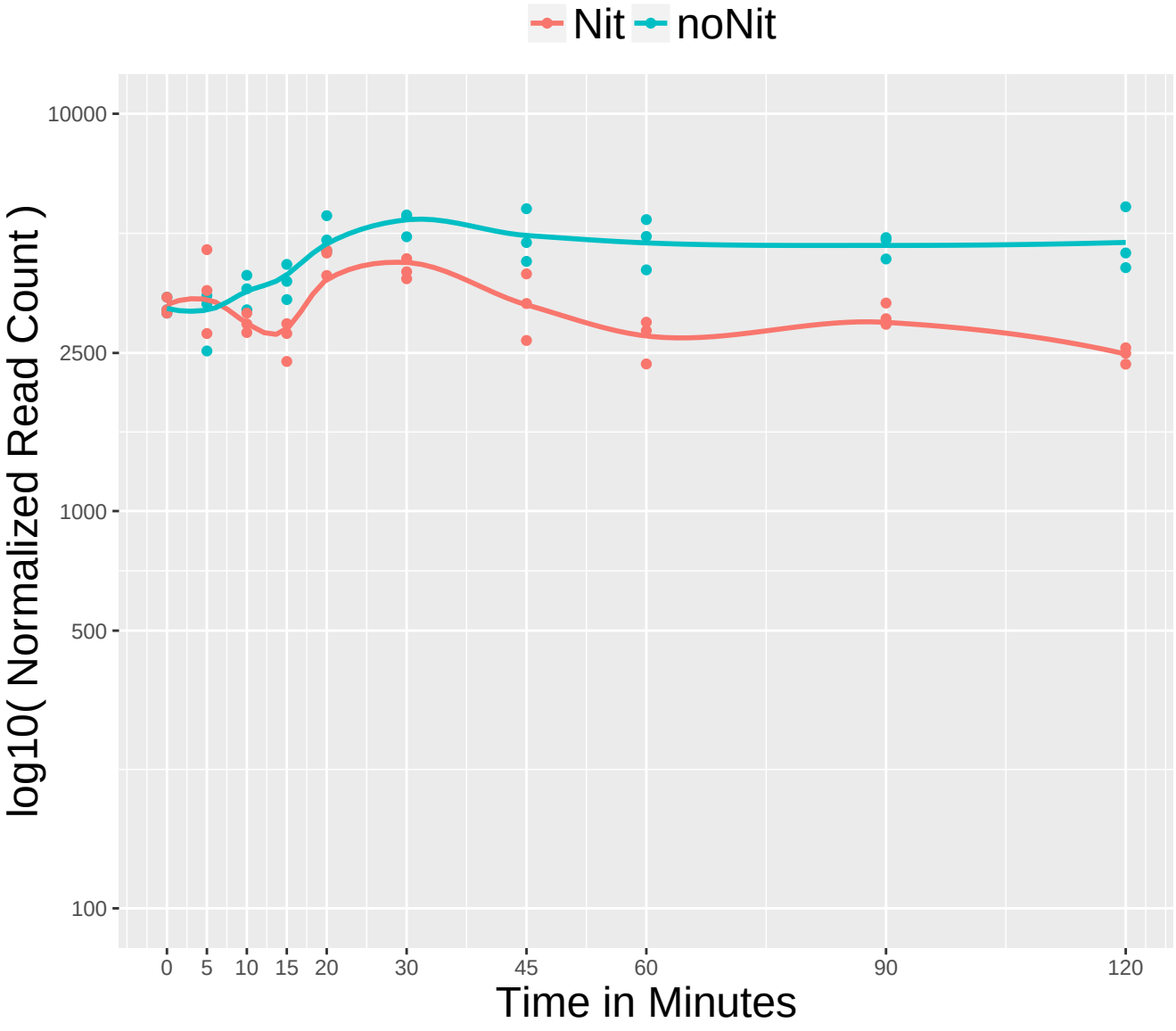
ACA1,autoinhibited



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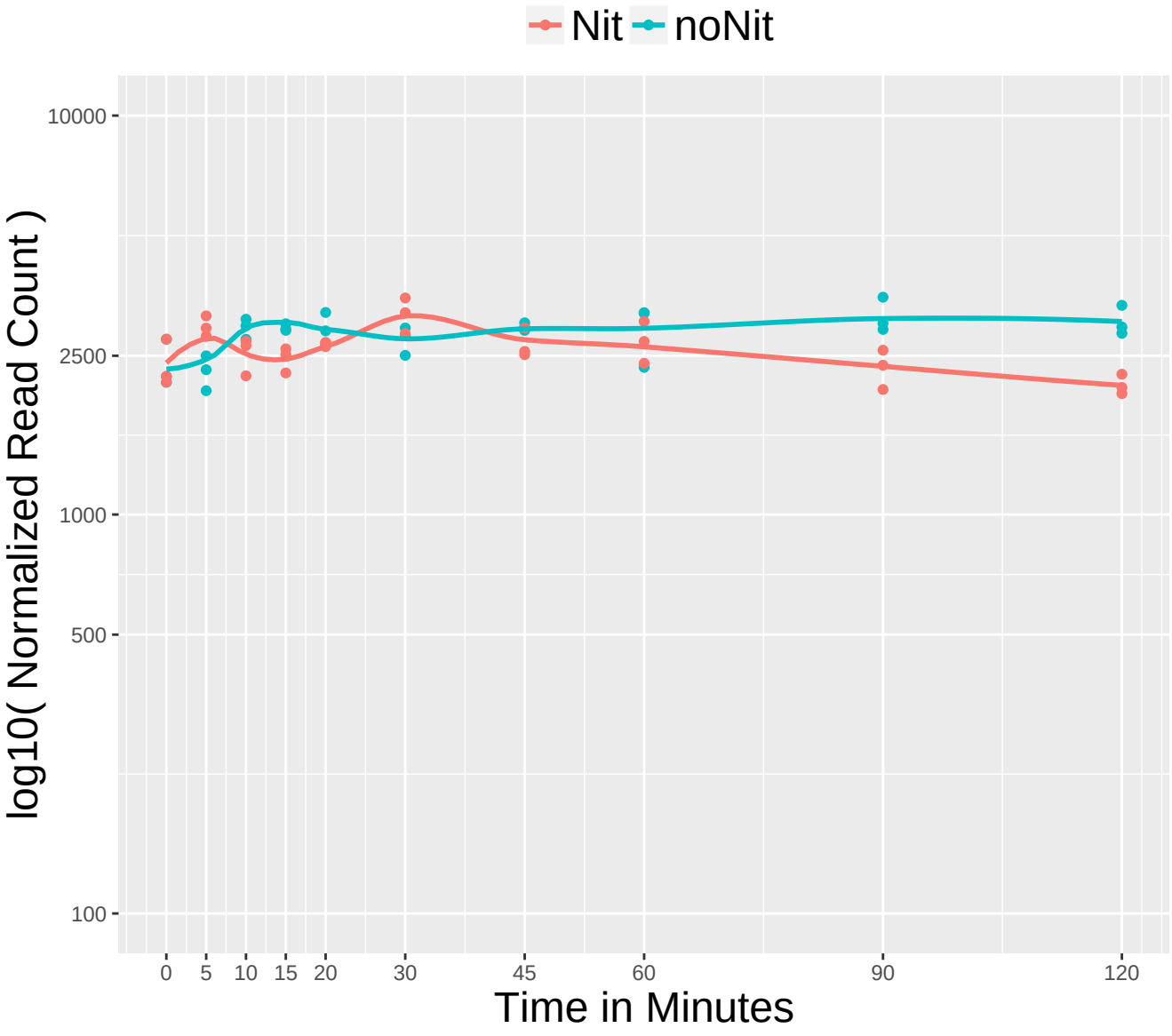
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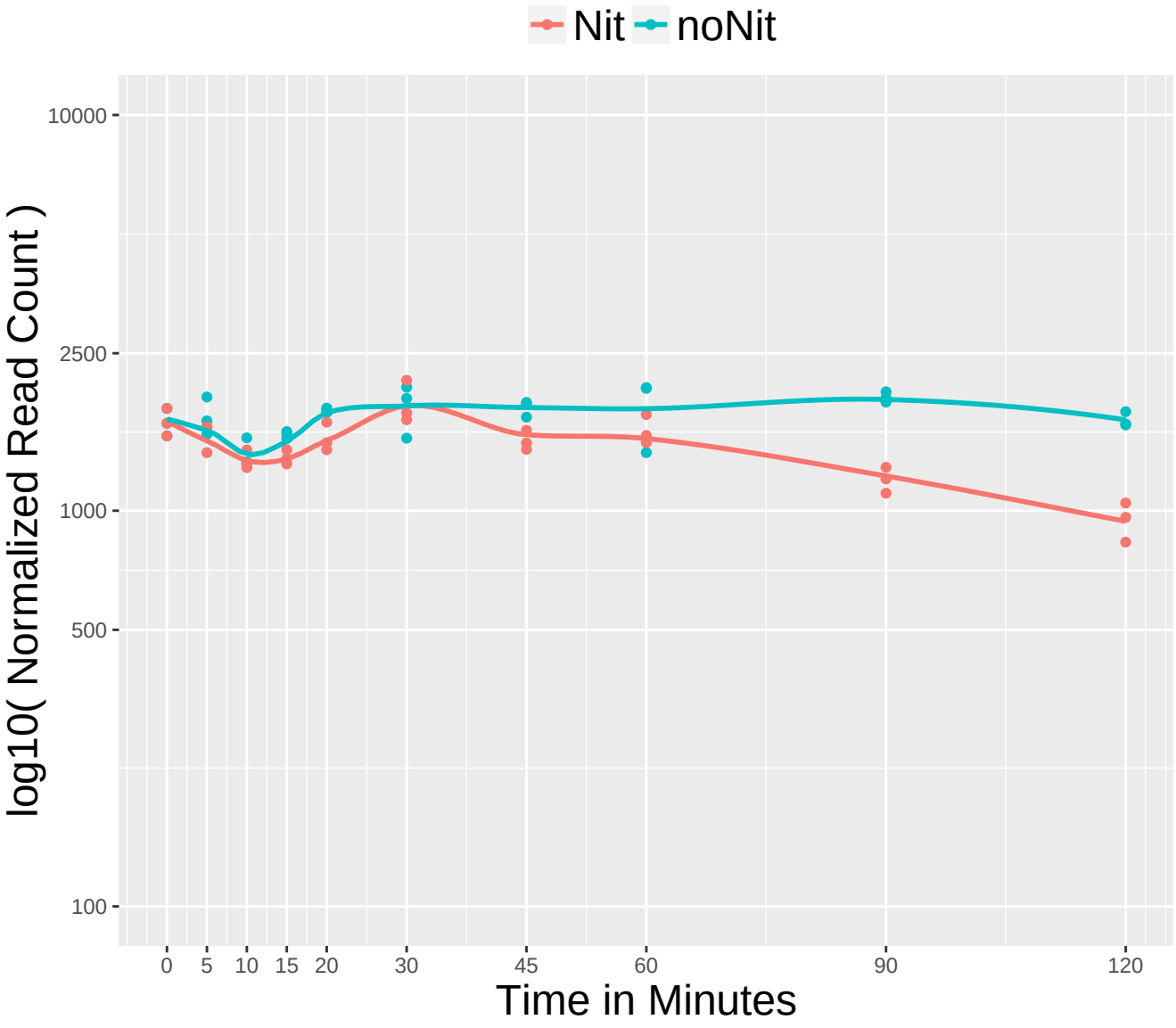
Time in Minutes

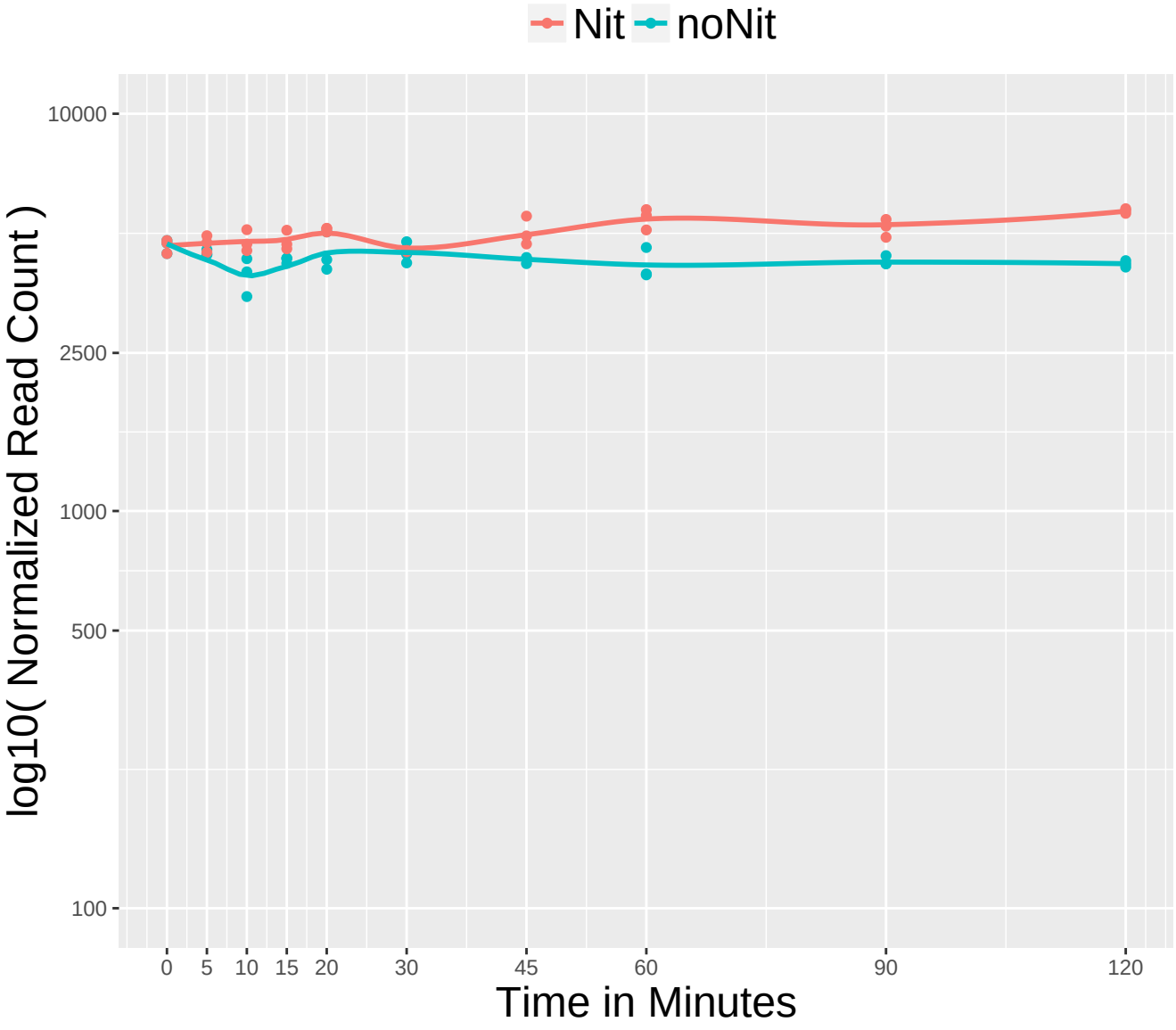
AT1G70750

MyoB2,myosin



AT2G37250

ADK,adenosine



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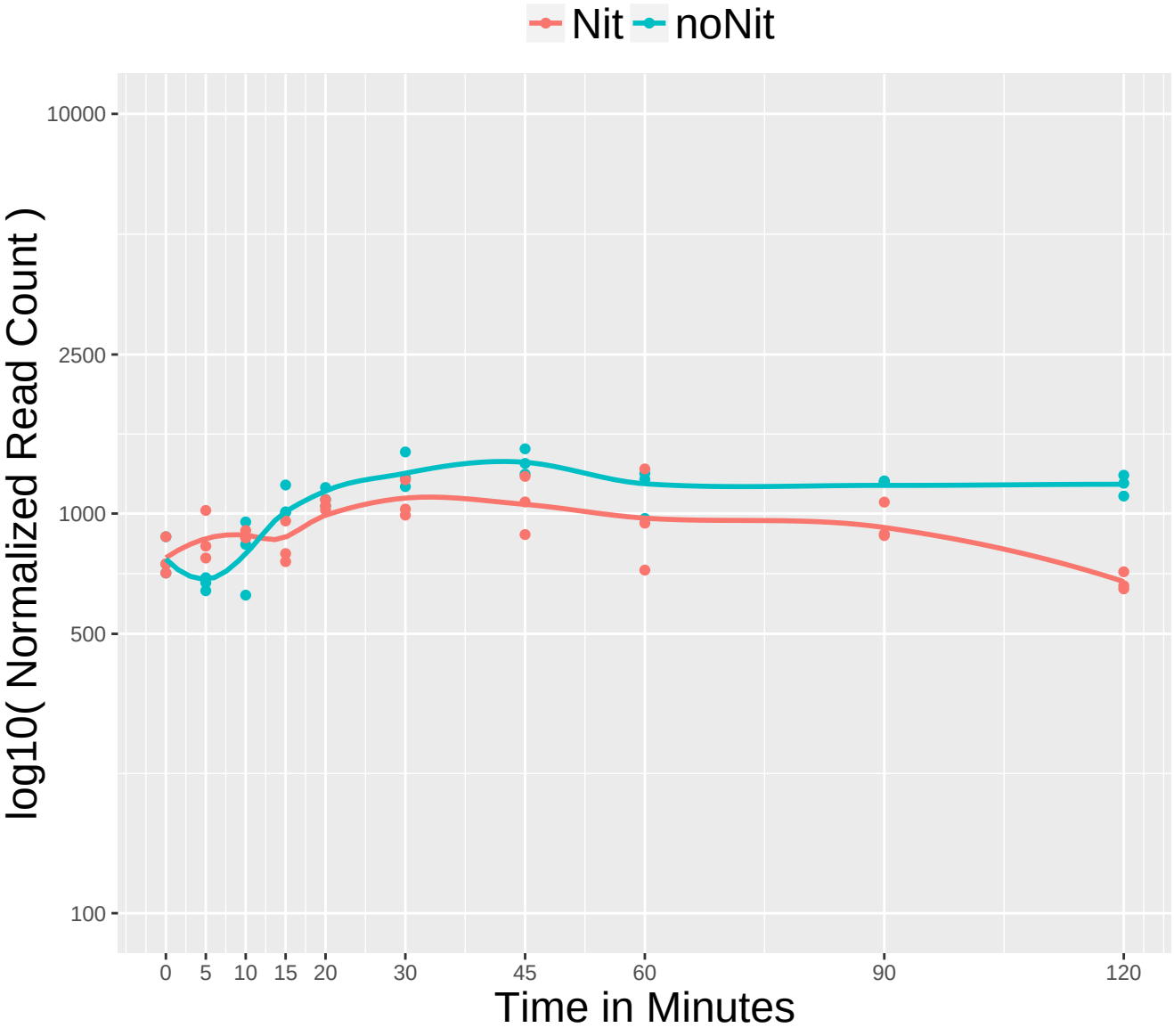
Protein



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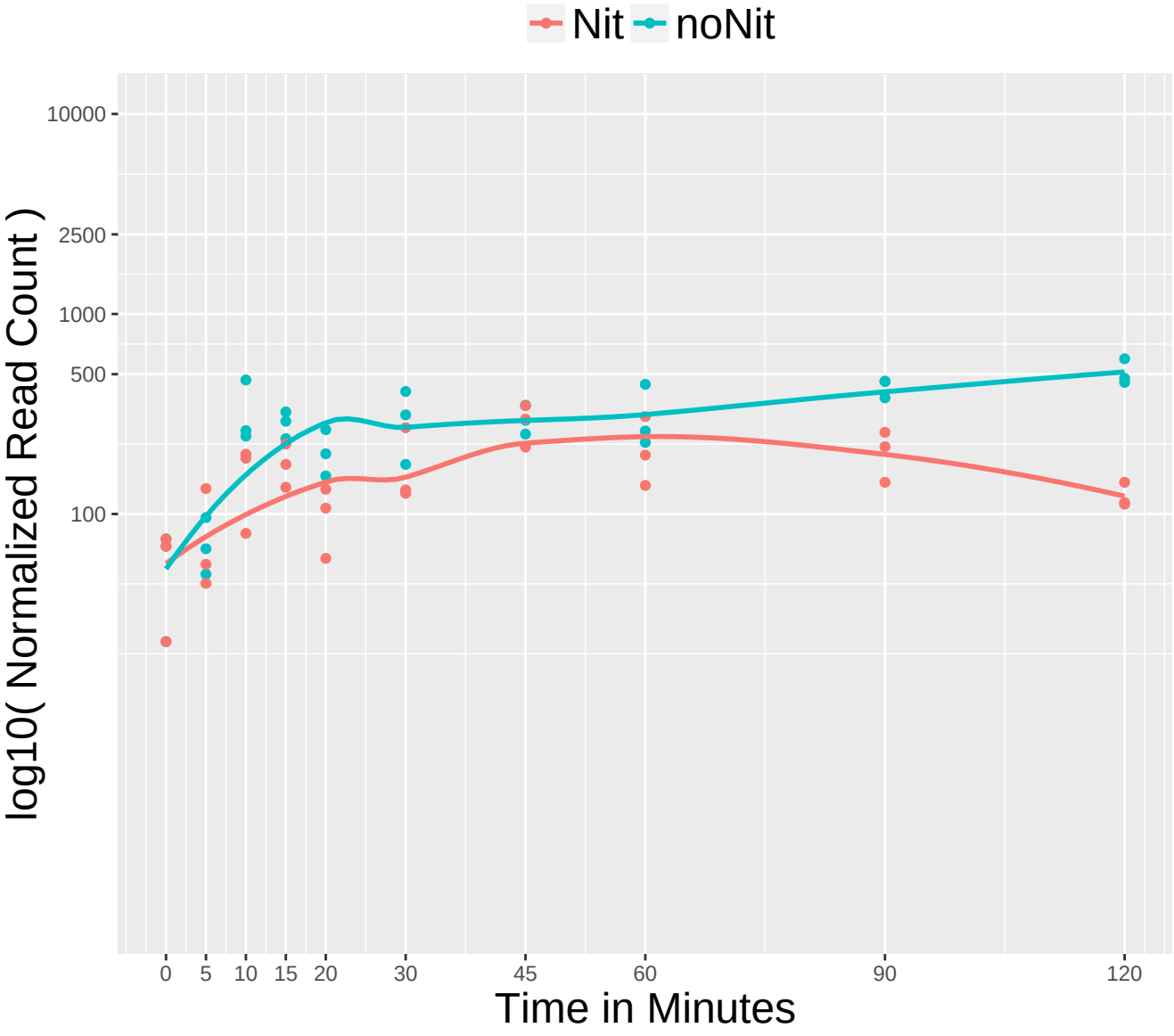

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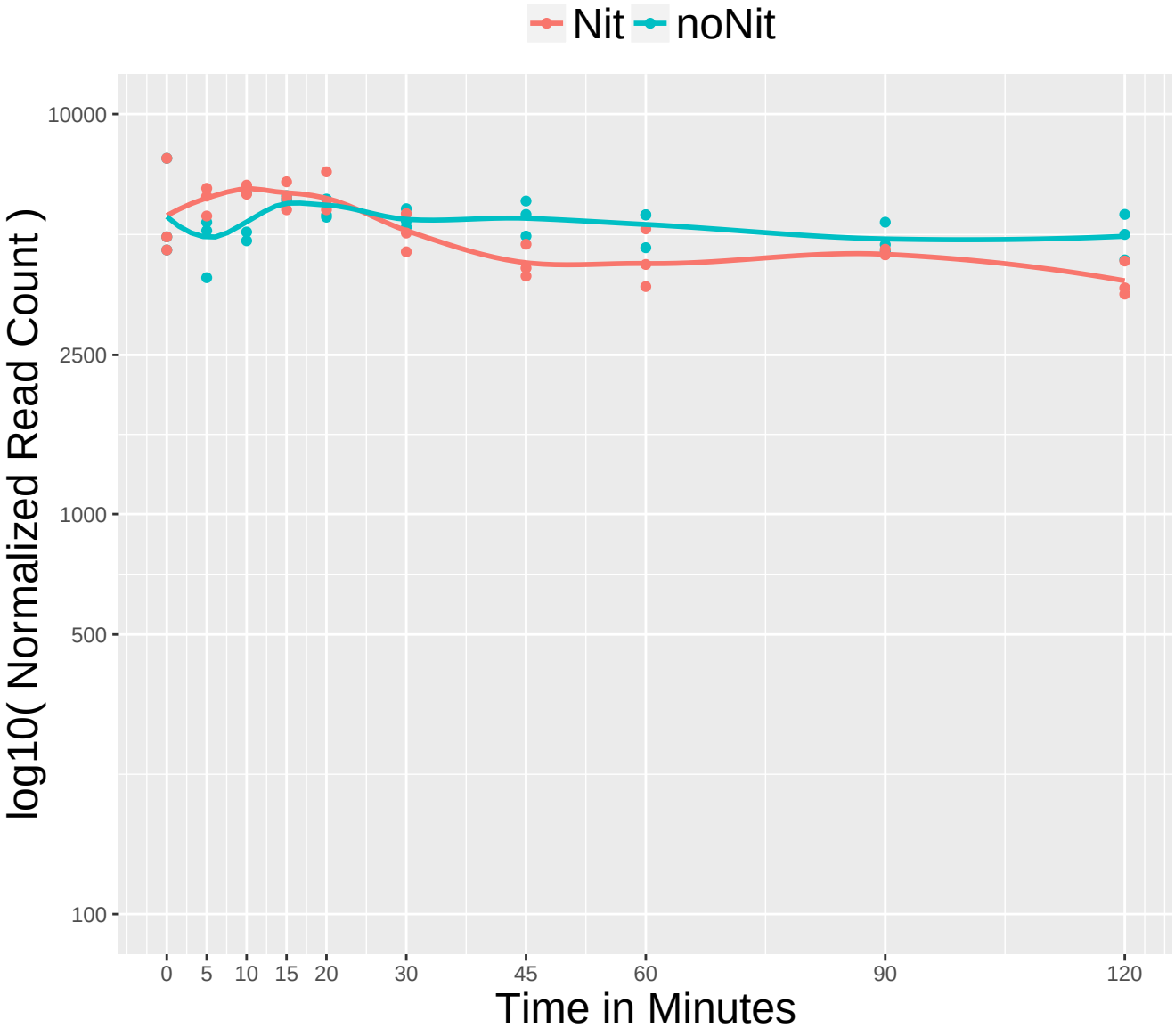

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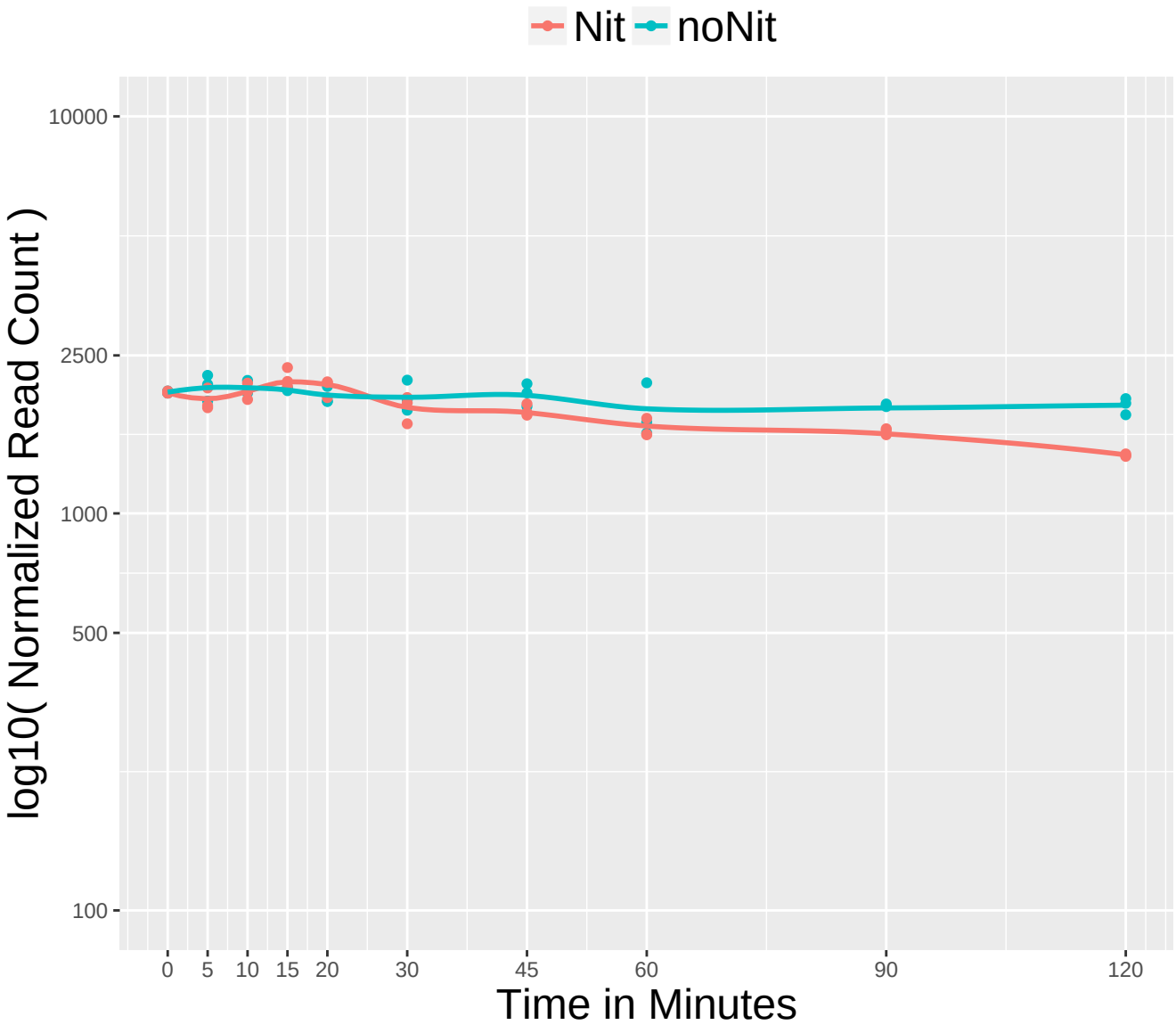

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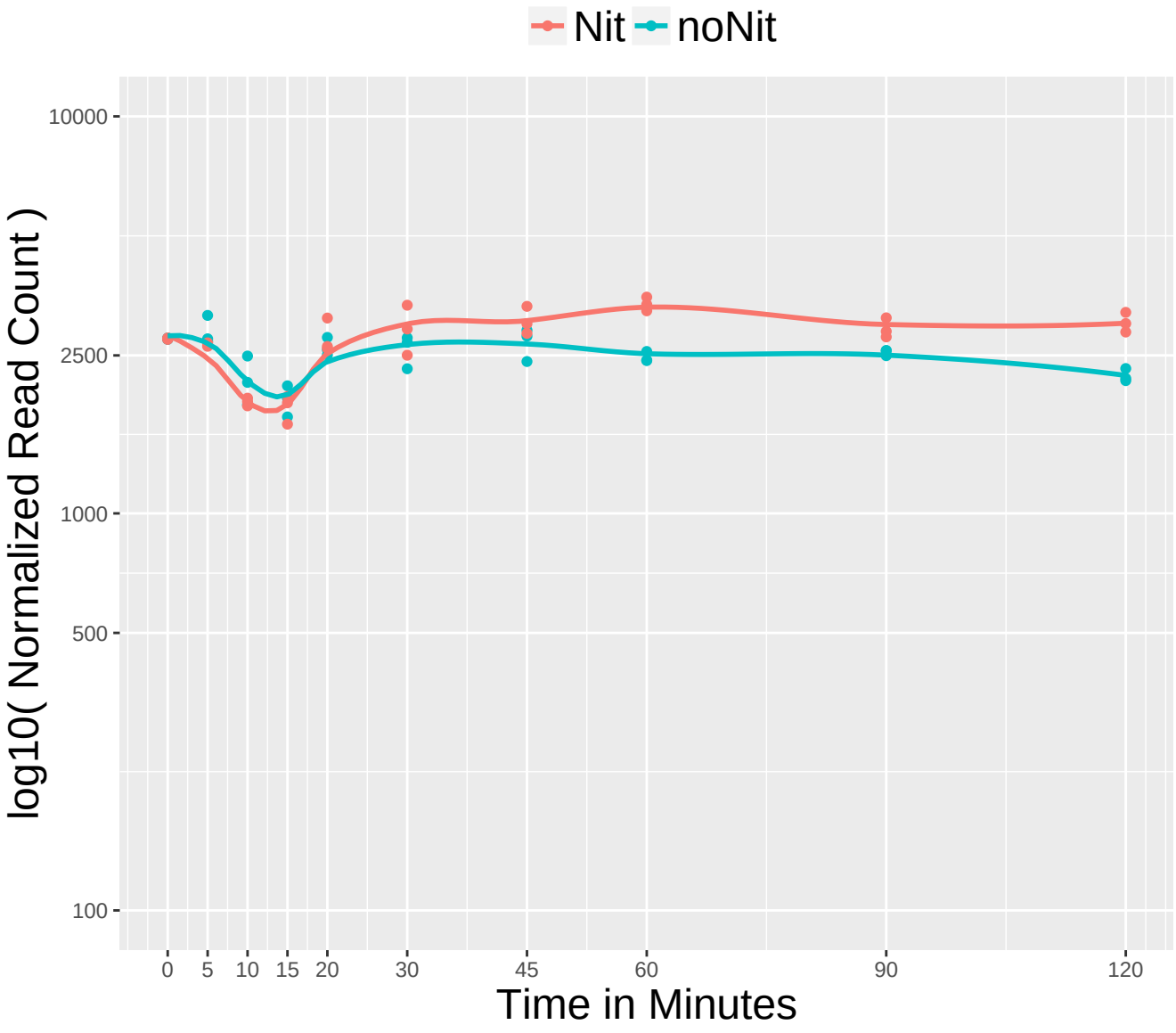

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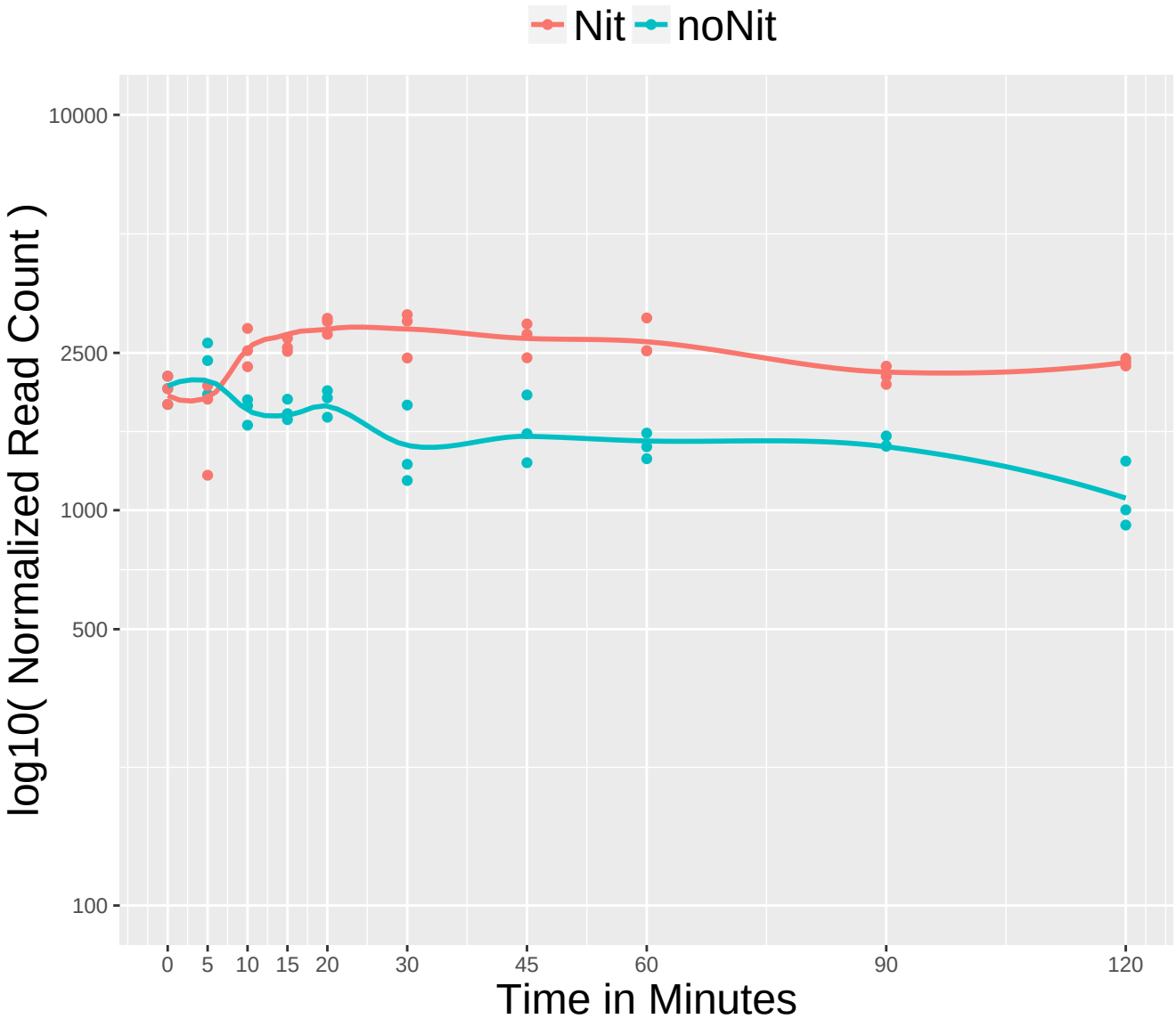

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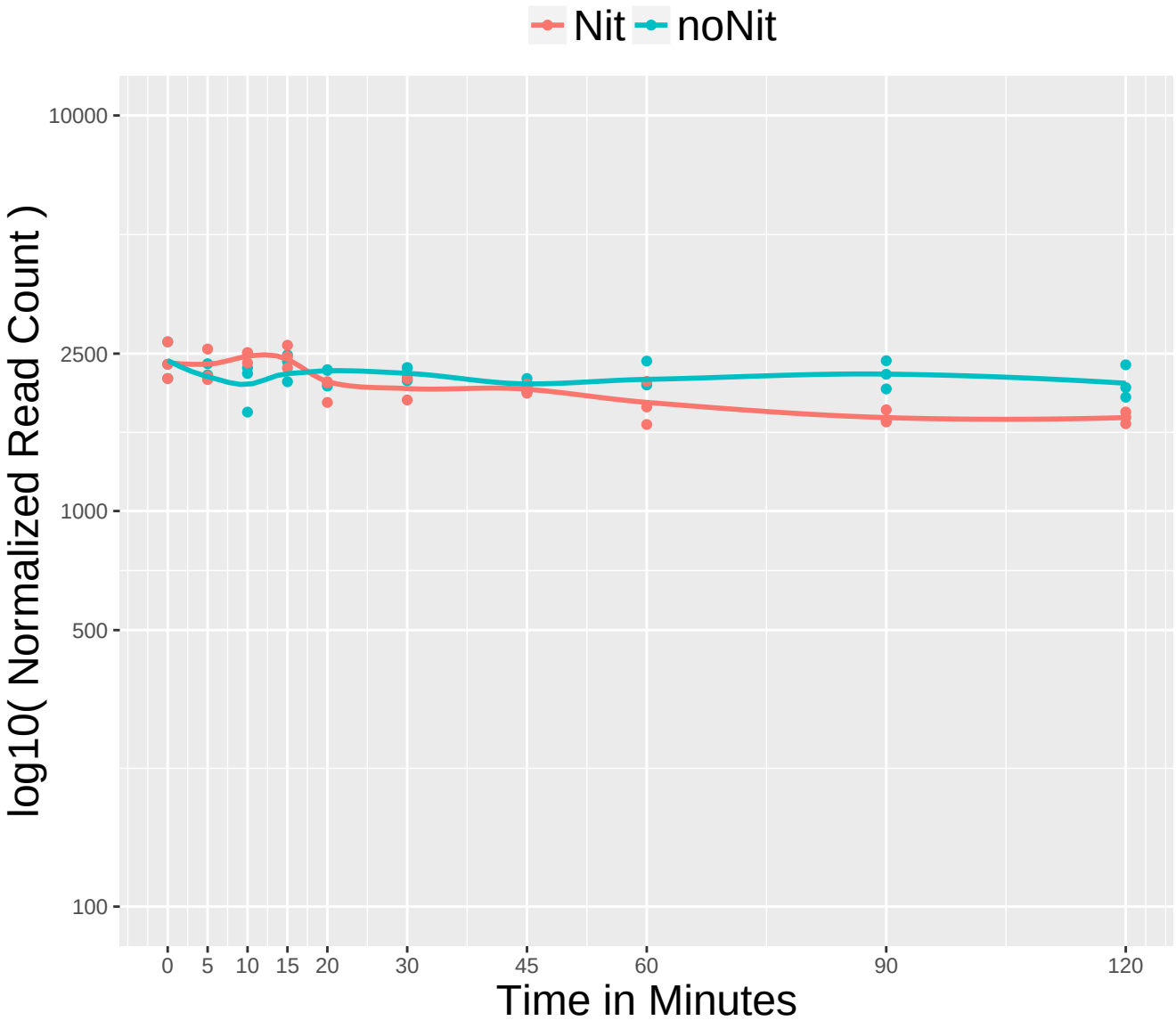
CPK13,calcium−dependent



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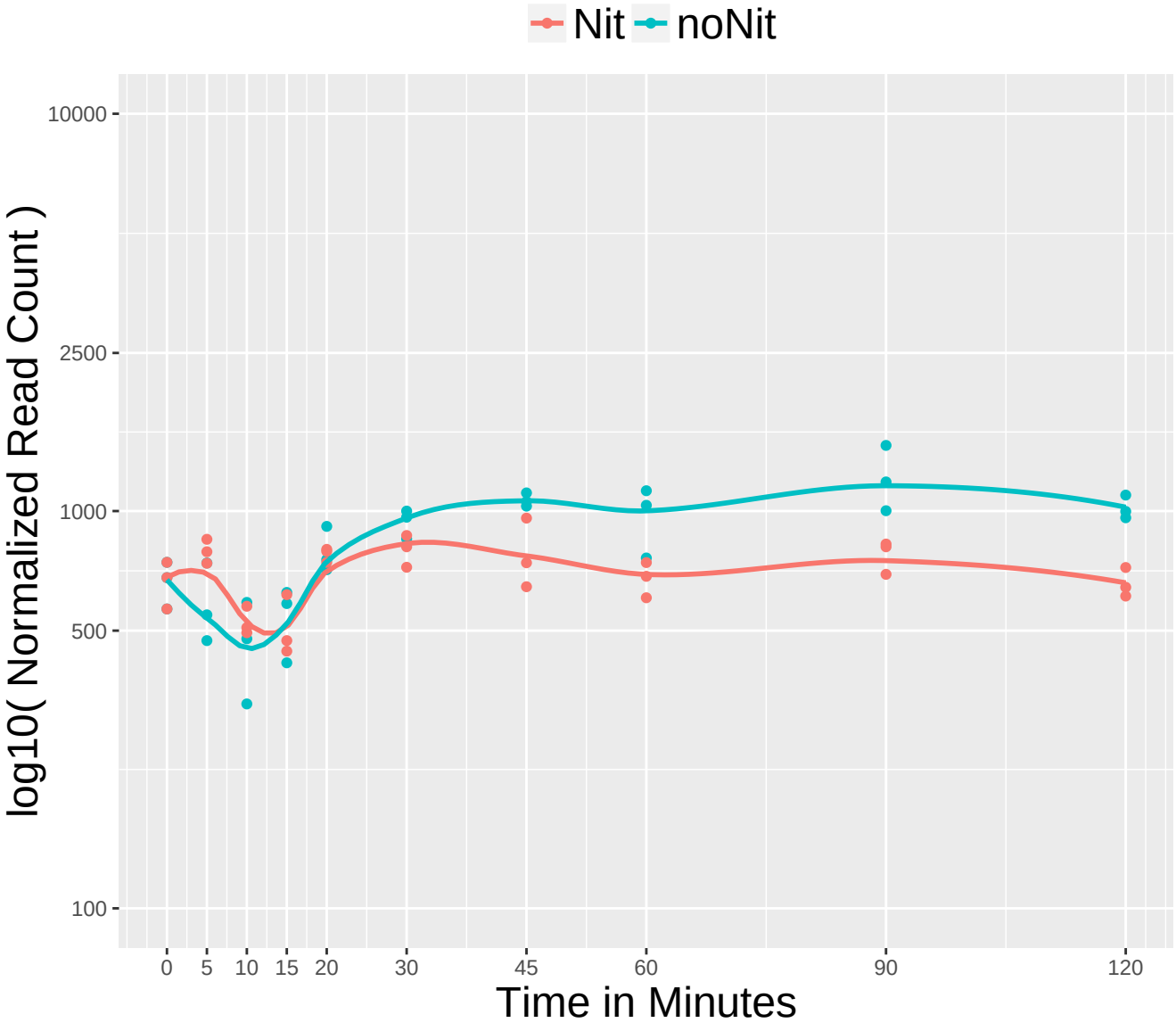

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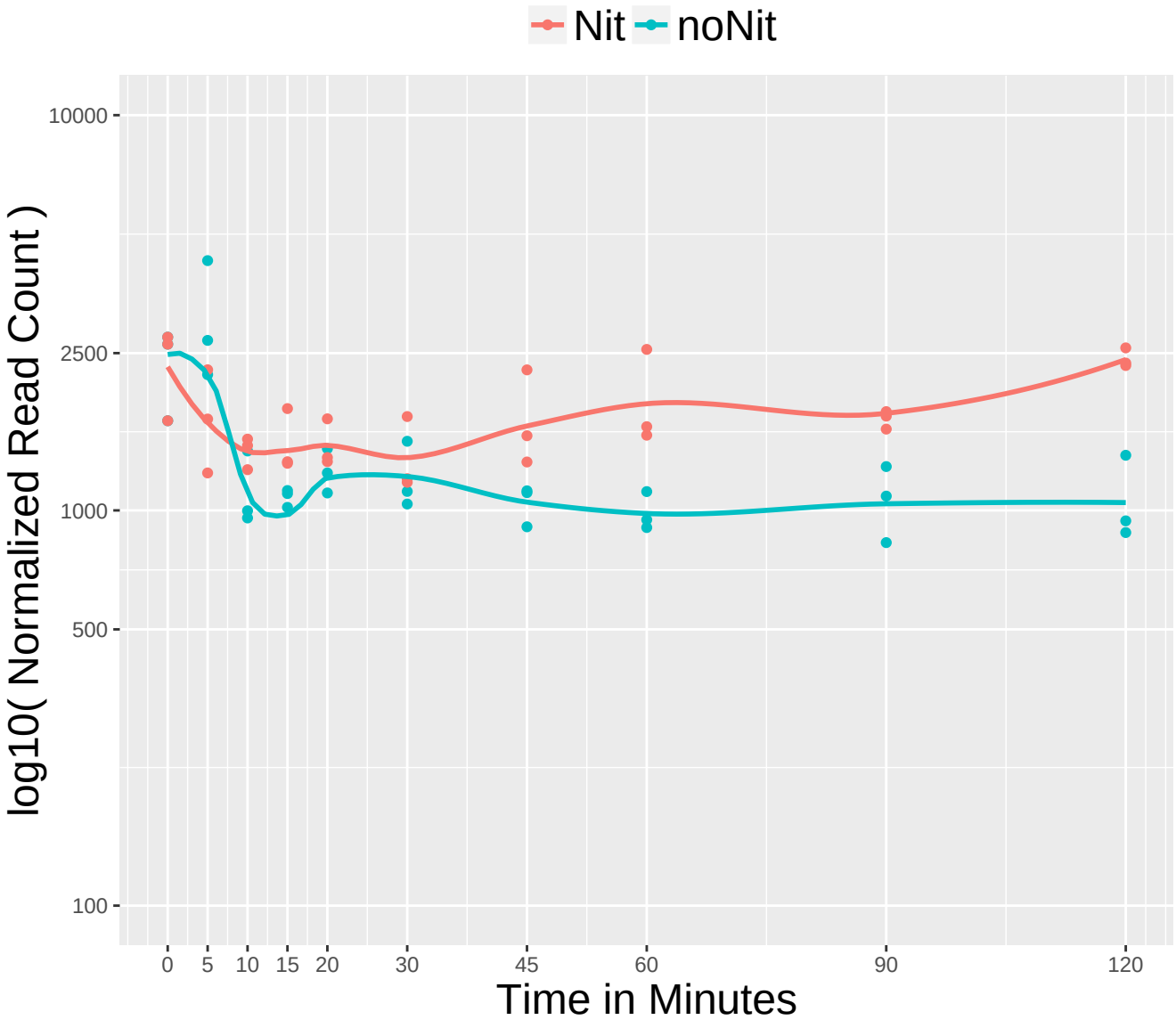
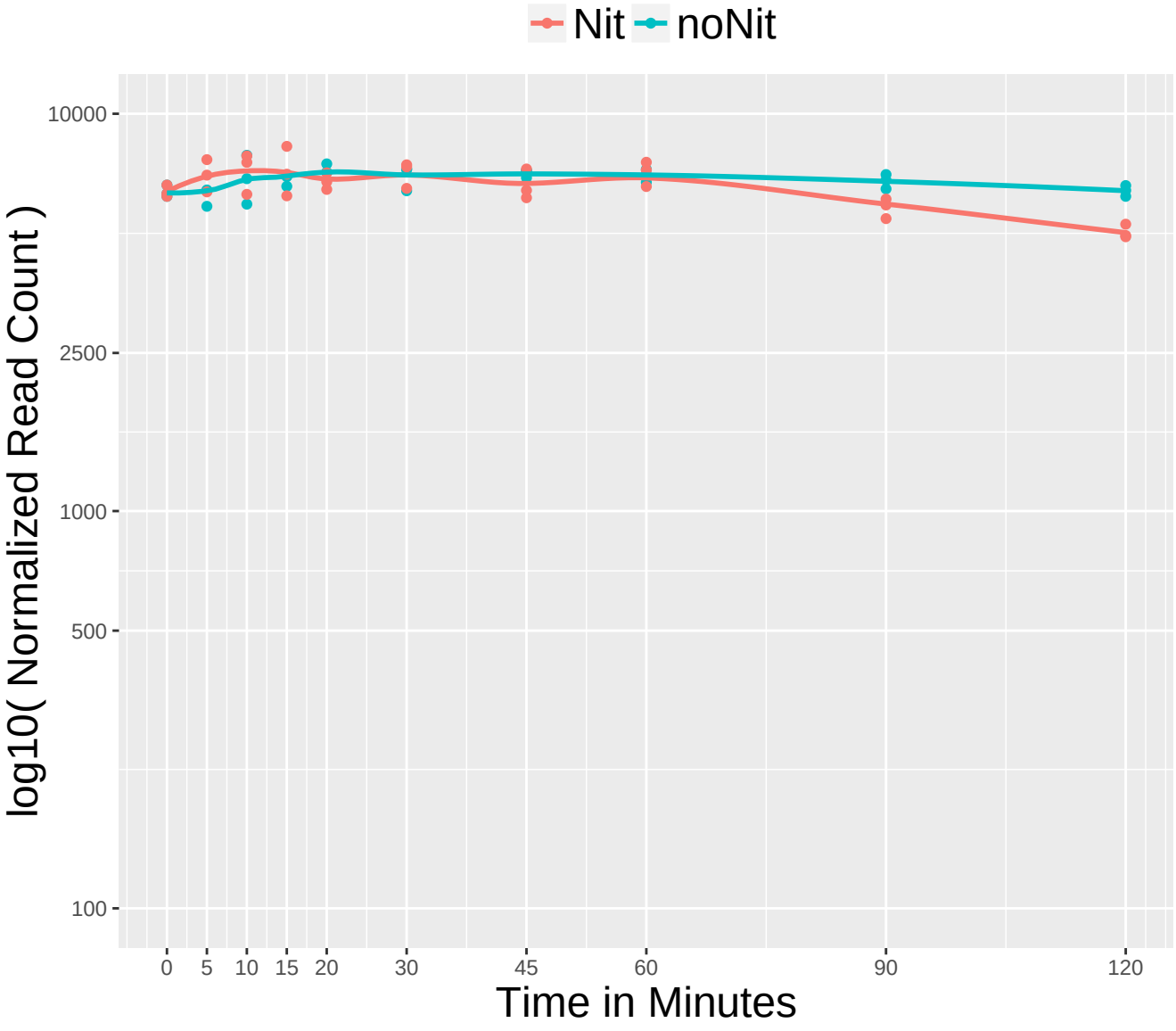
PHIP1,phragmoplastin



AT4G17530

ATRAB1C,RAB



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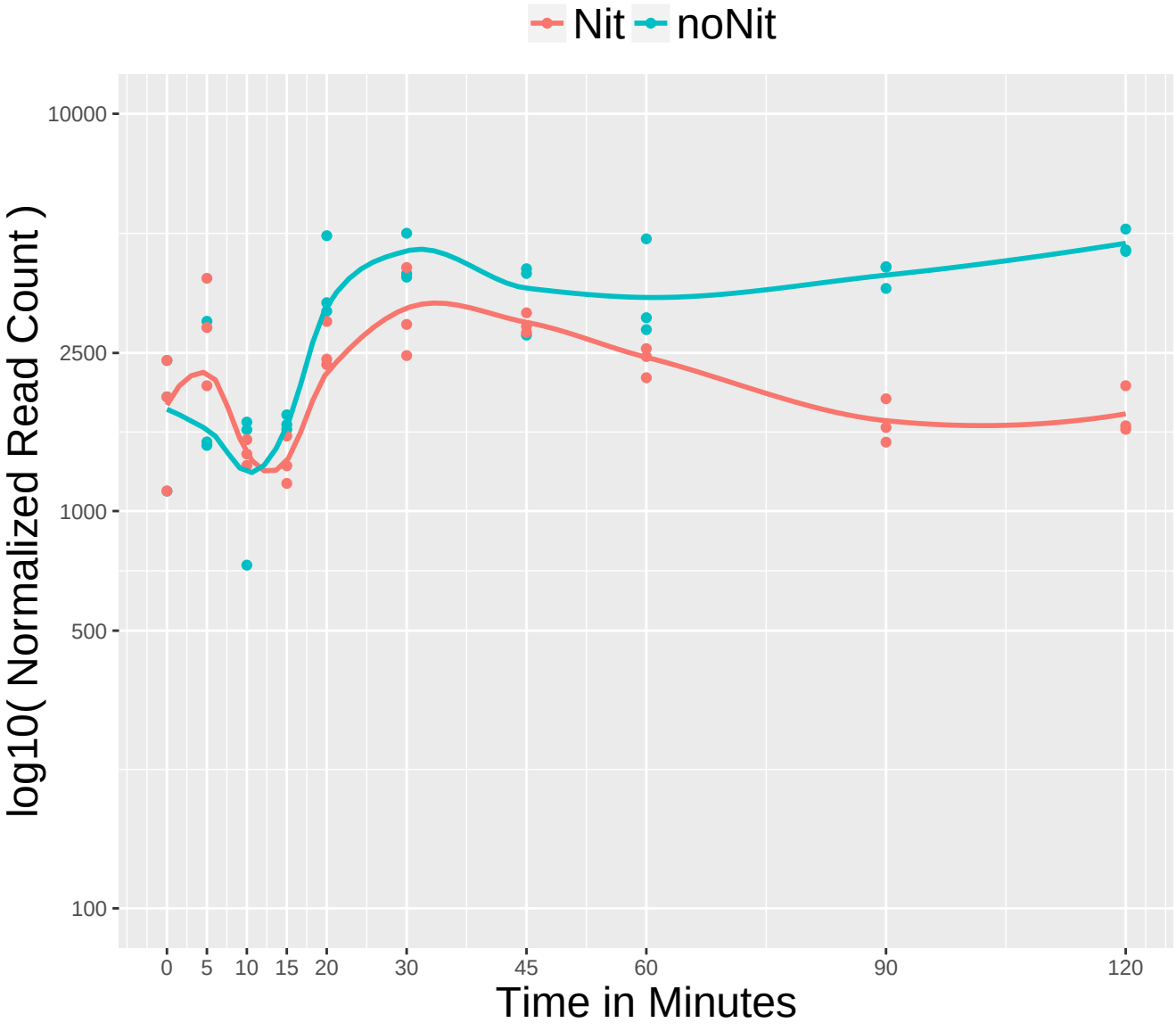

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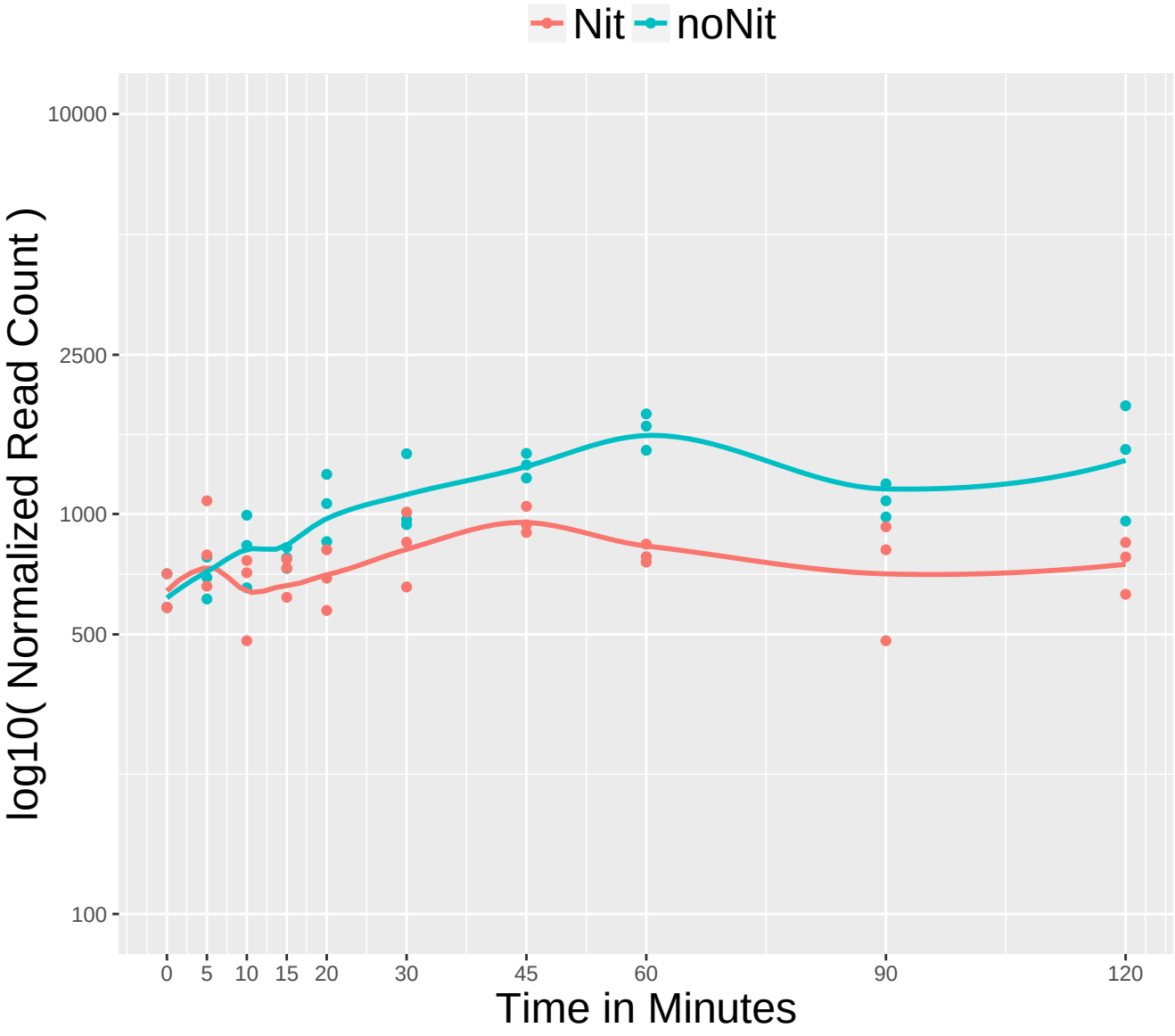
disease



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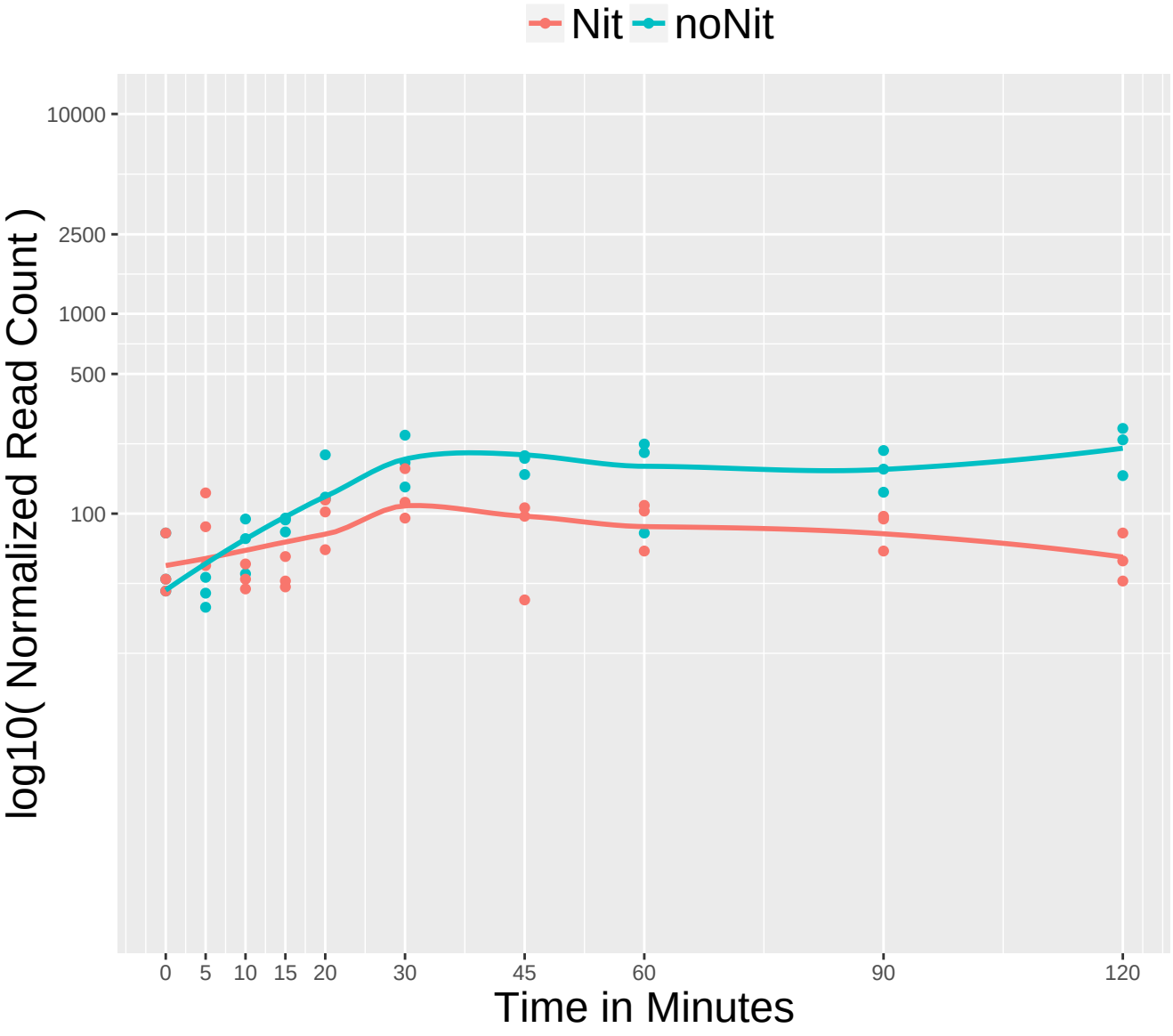
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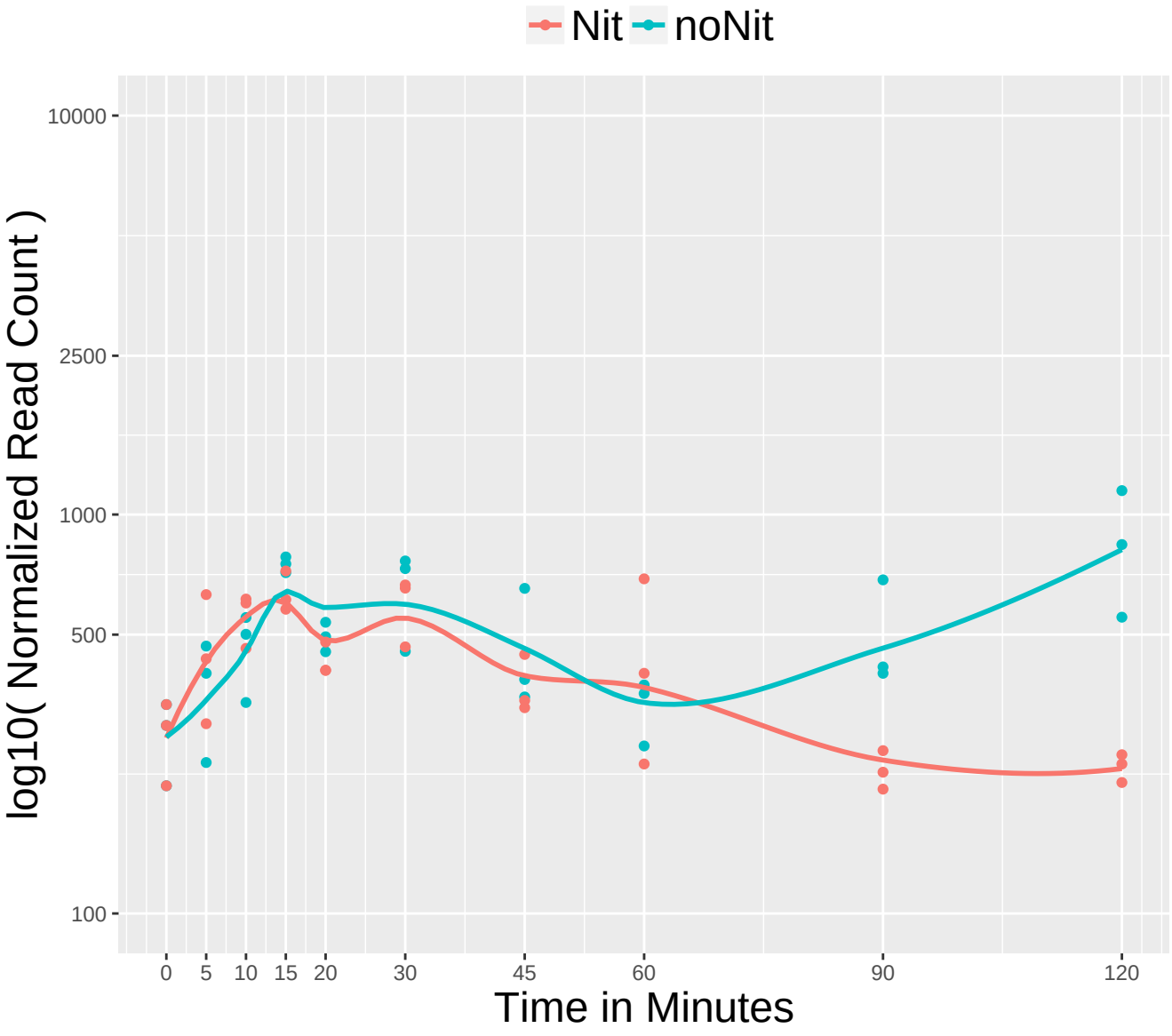
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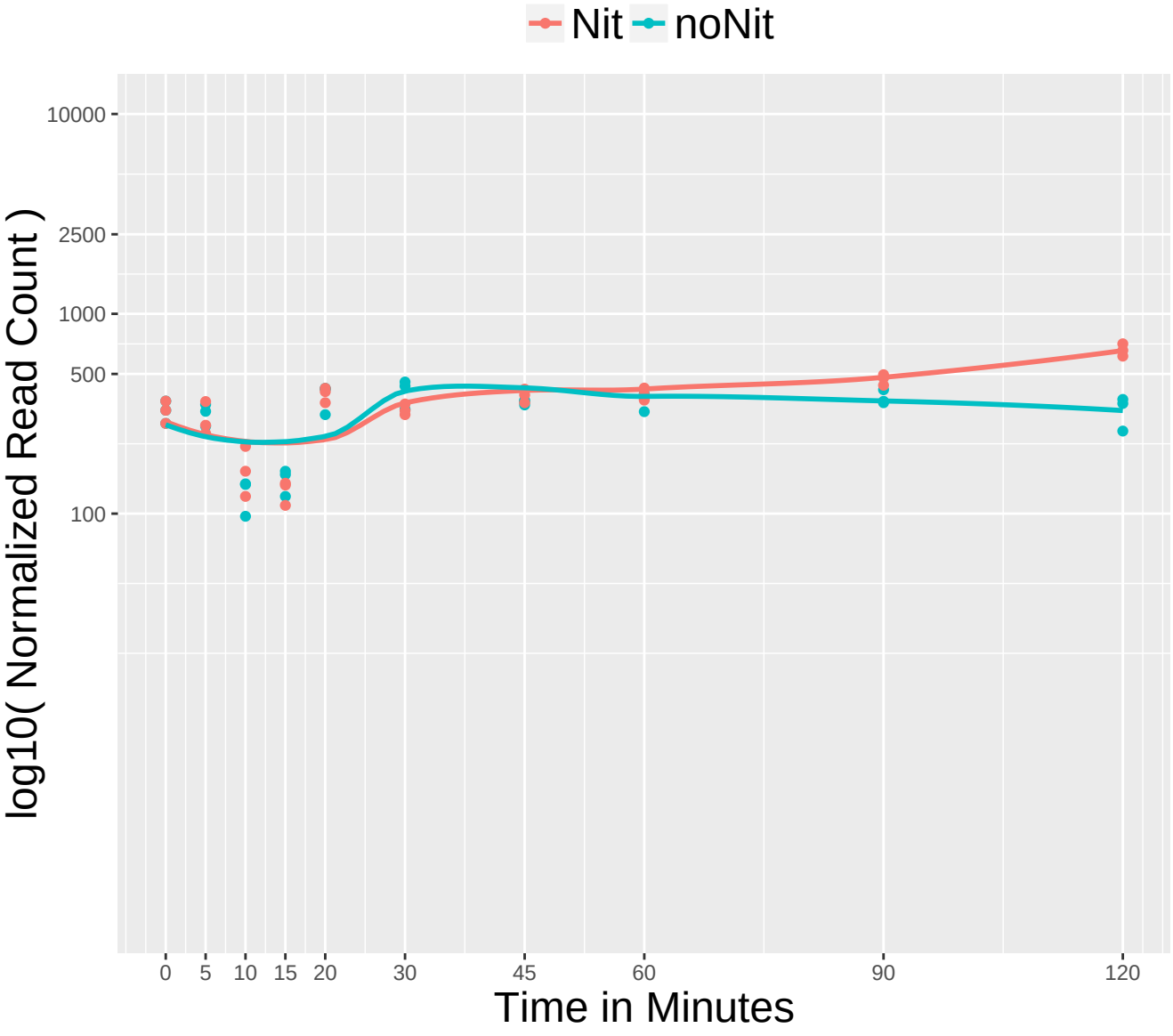
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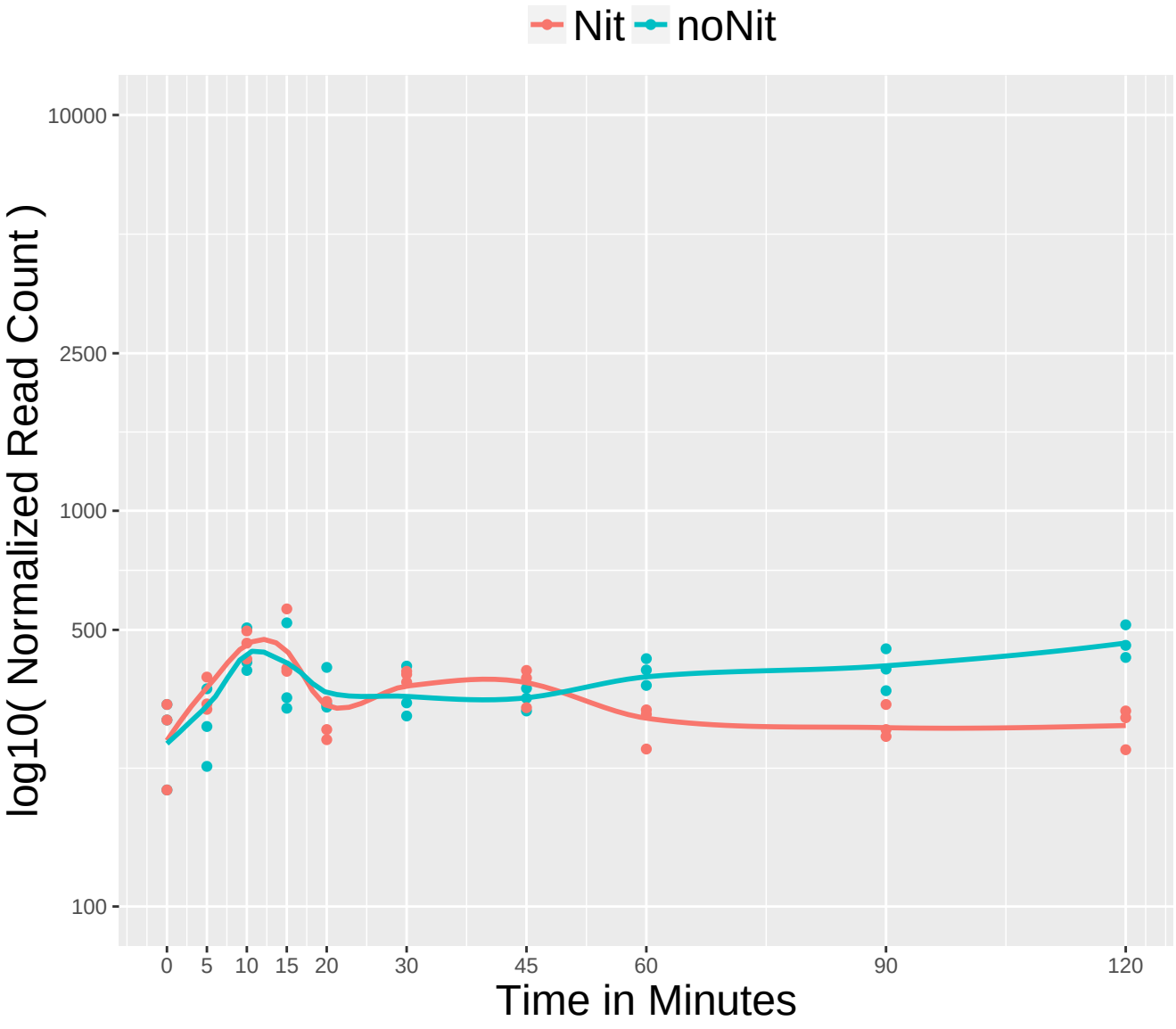
AT1G08500

AtENODL18,,ENODL18,early



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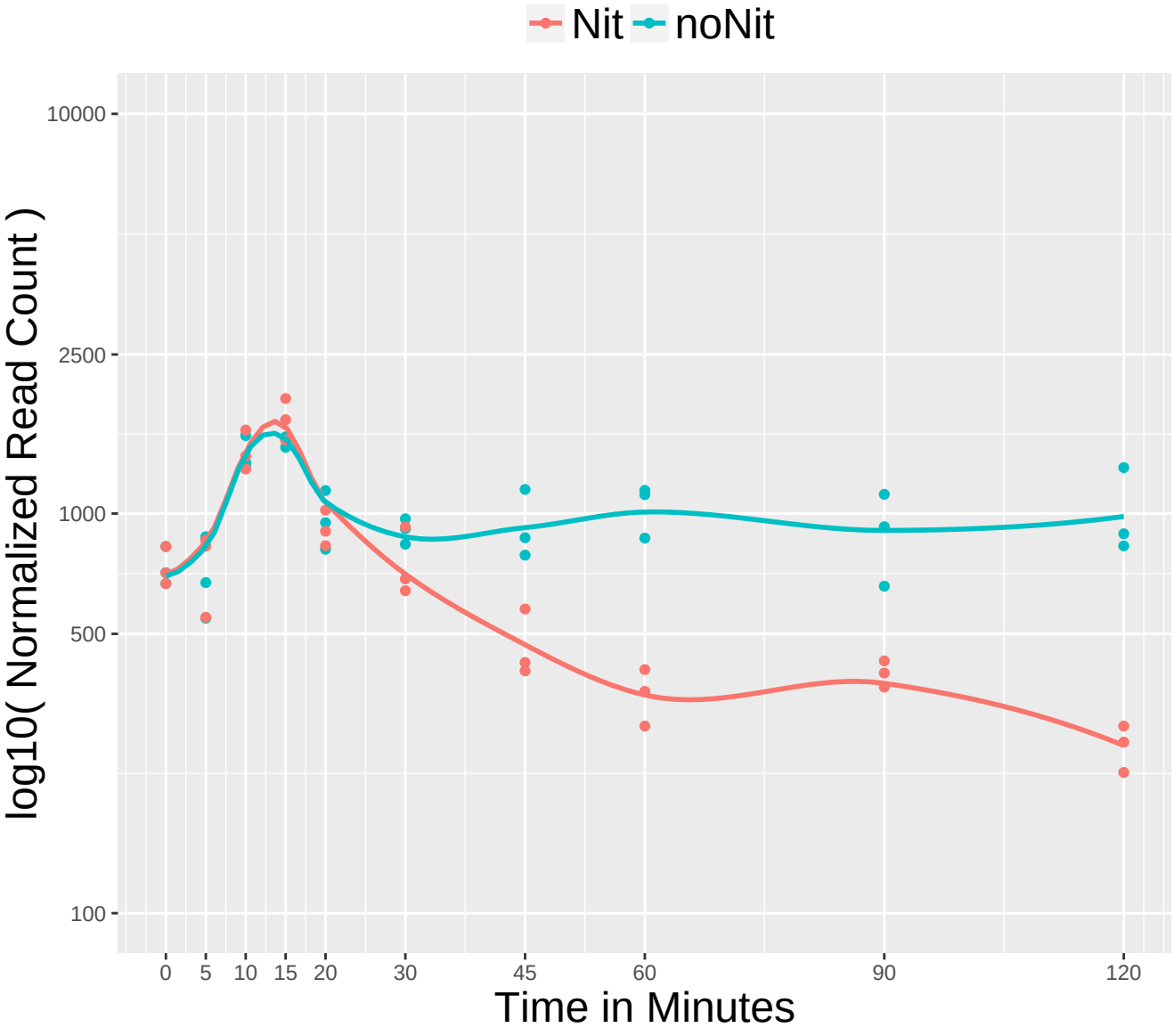
Disease



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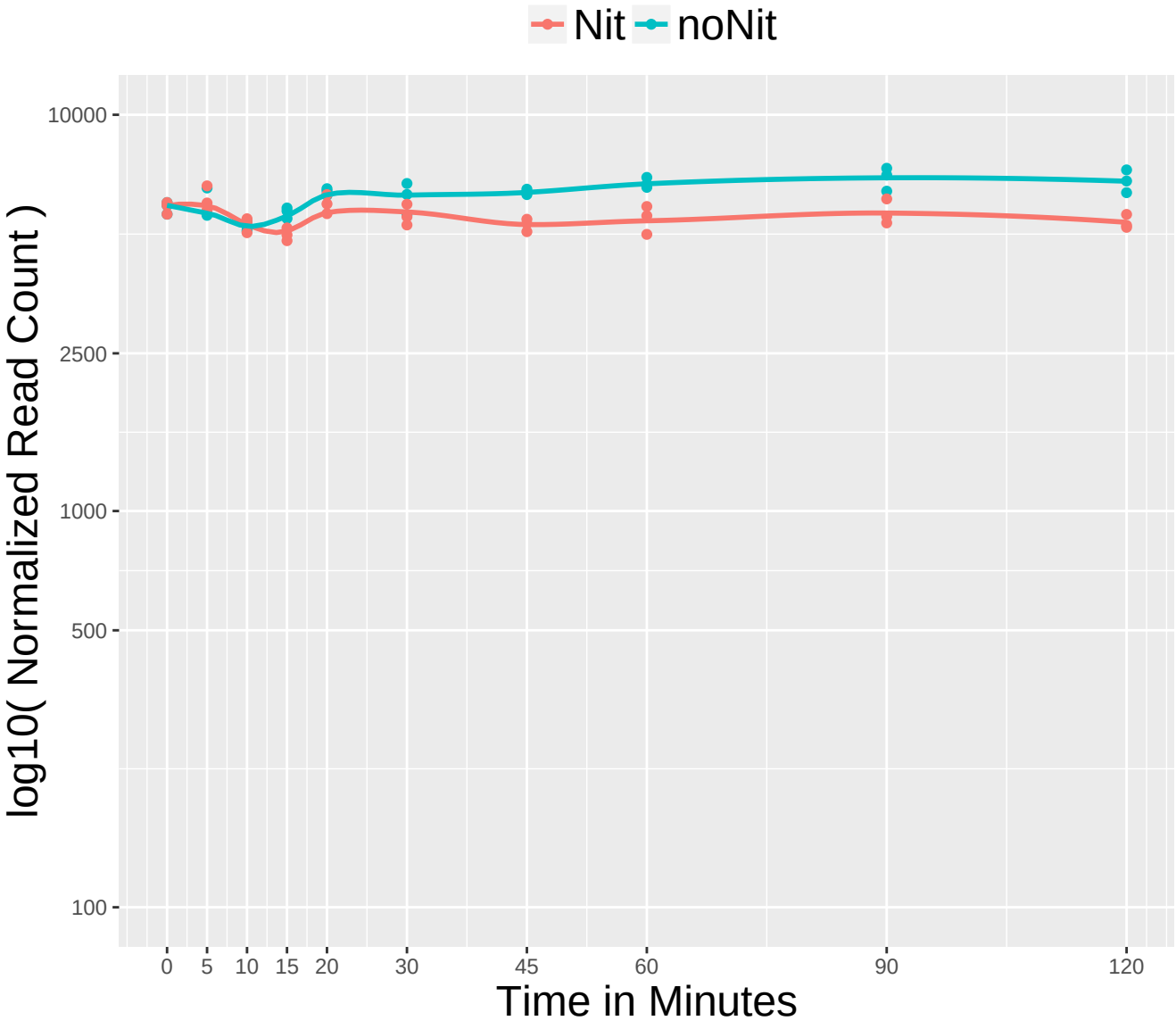
Sec14p−like



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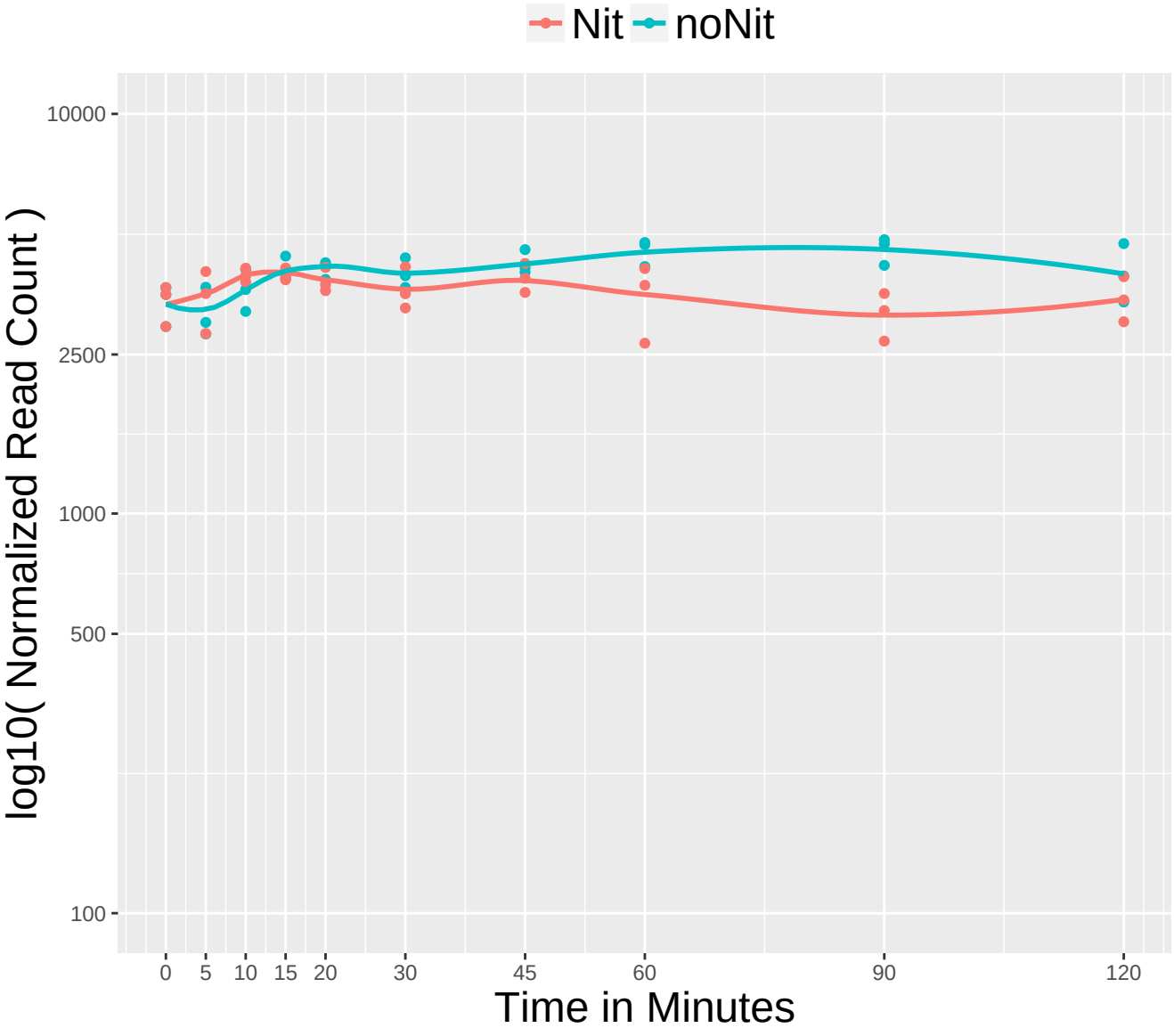
Leucine−rich



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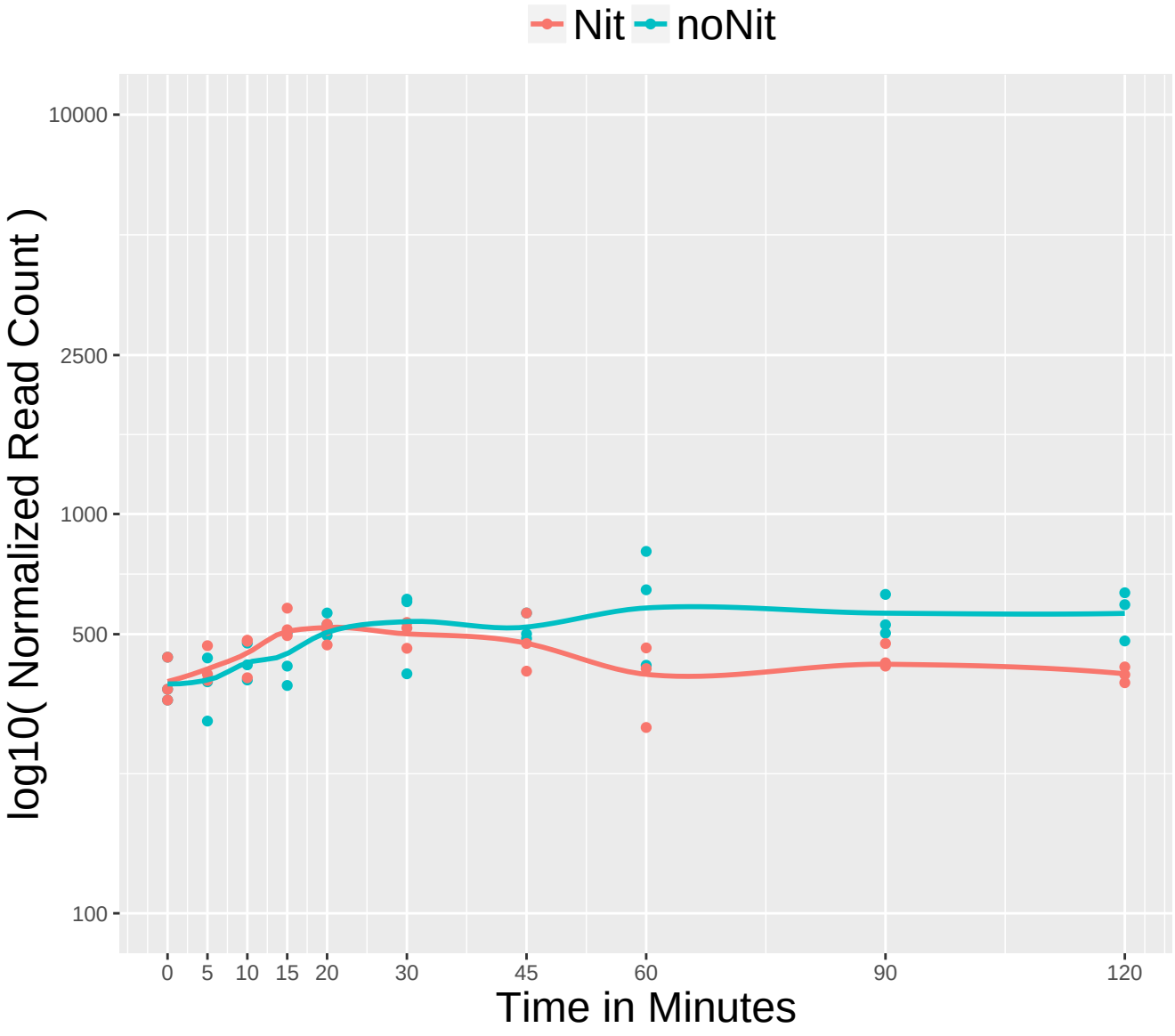
Leucine−rich



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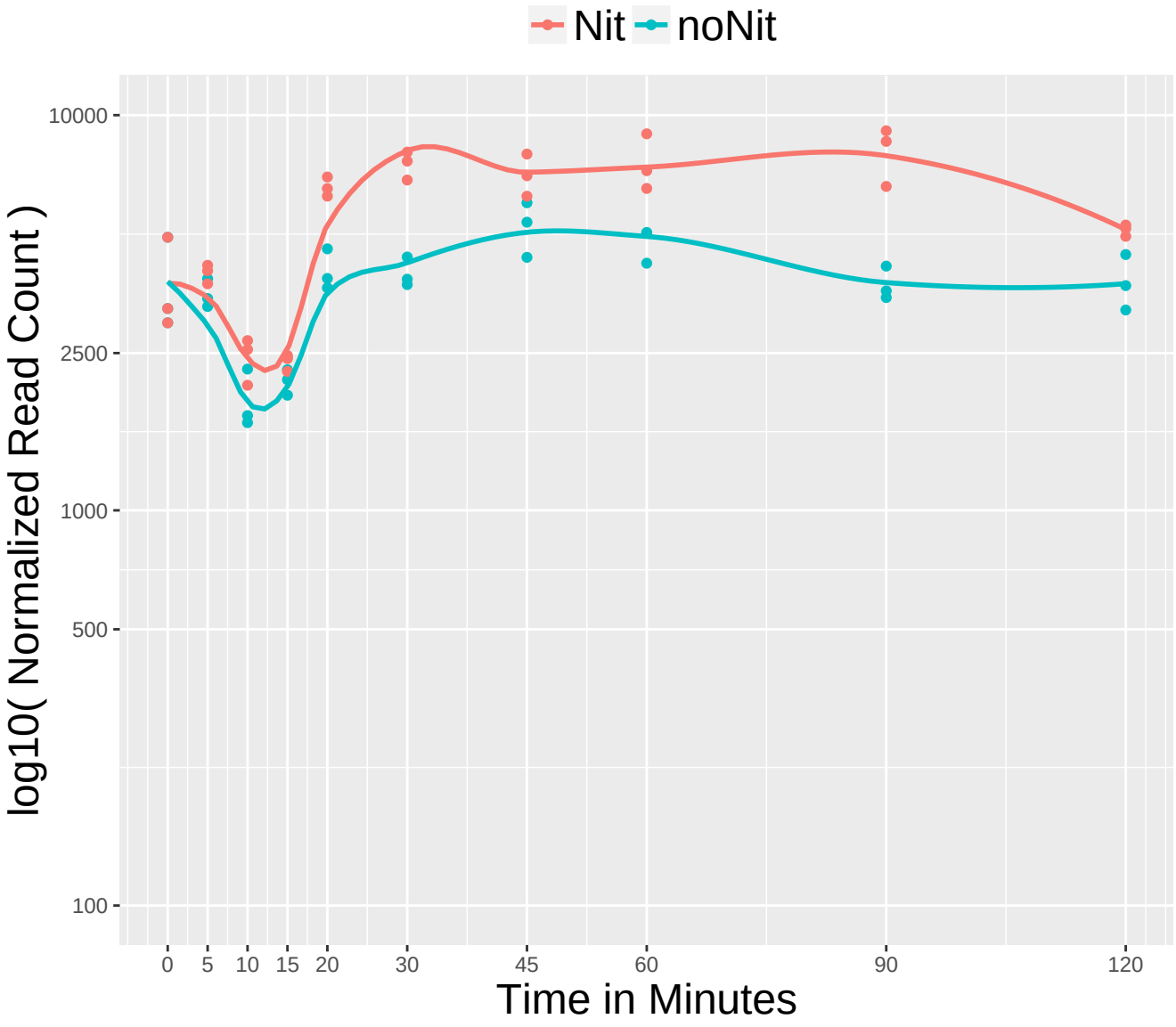
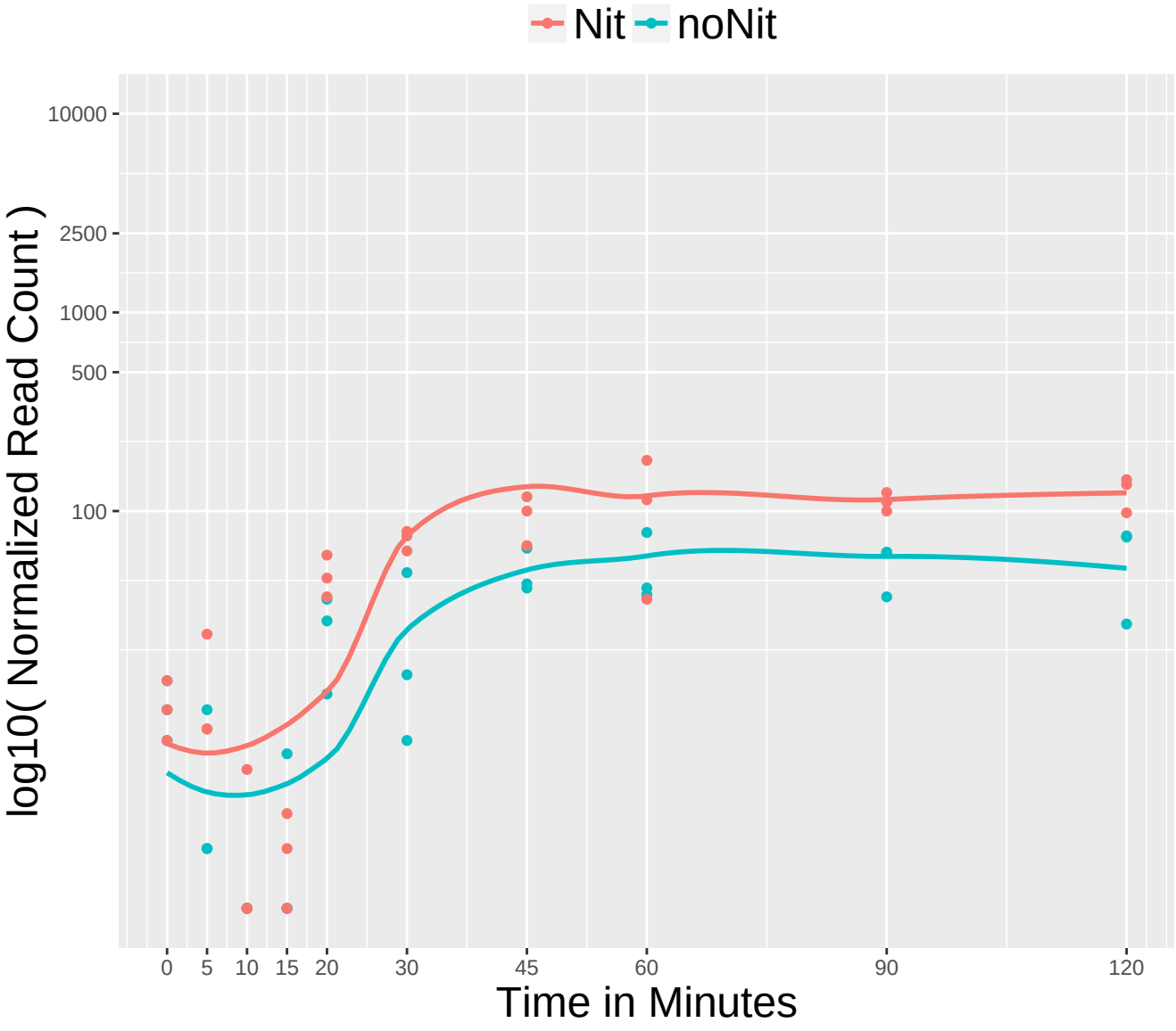
PLL4,poltergeist



AT2G31082

CLE7,CLAVATA3/ESR−RELATED



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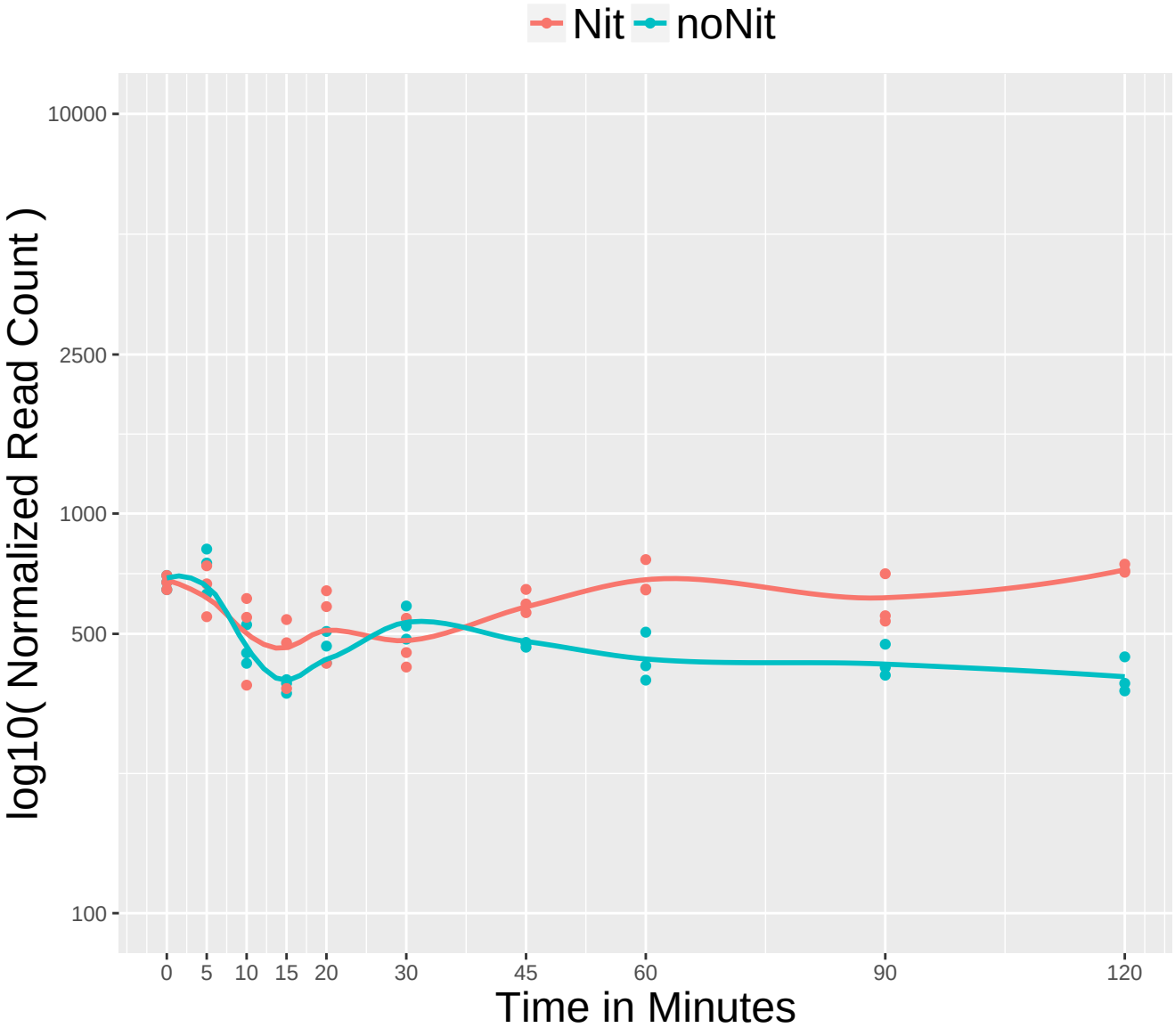
Ribosomal



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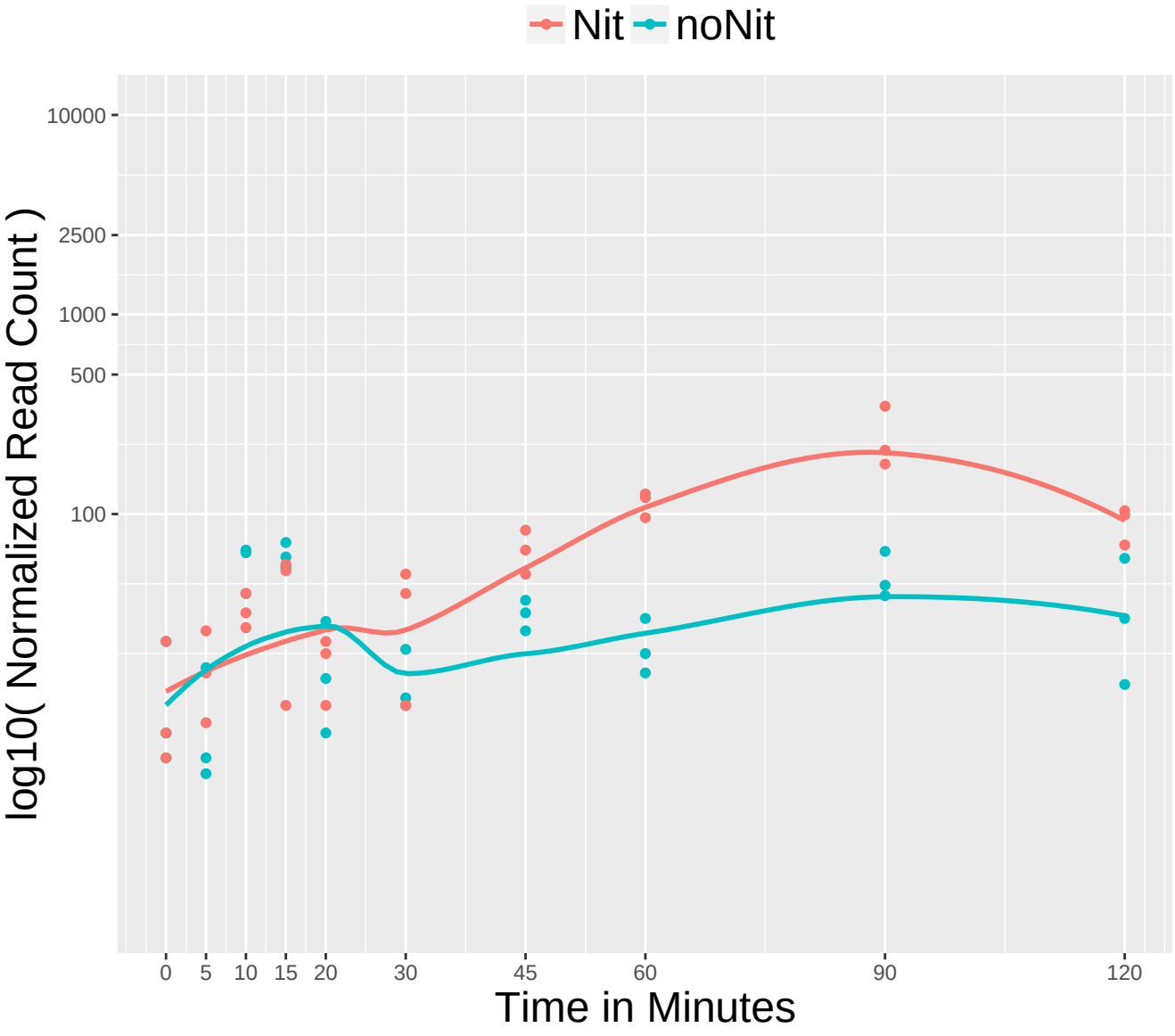

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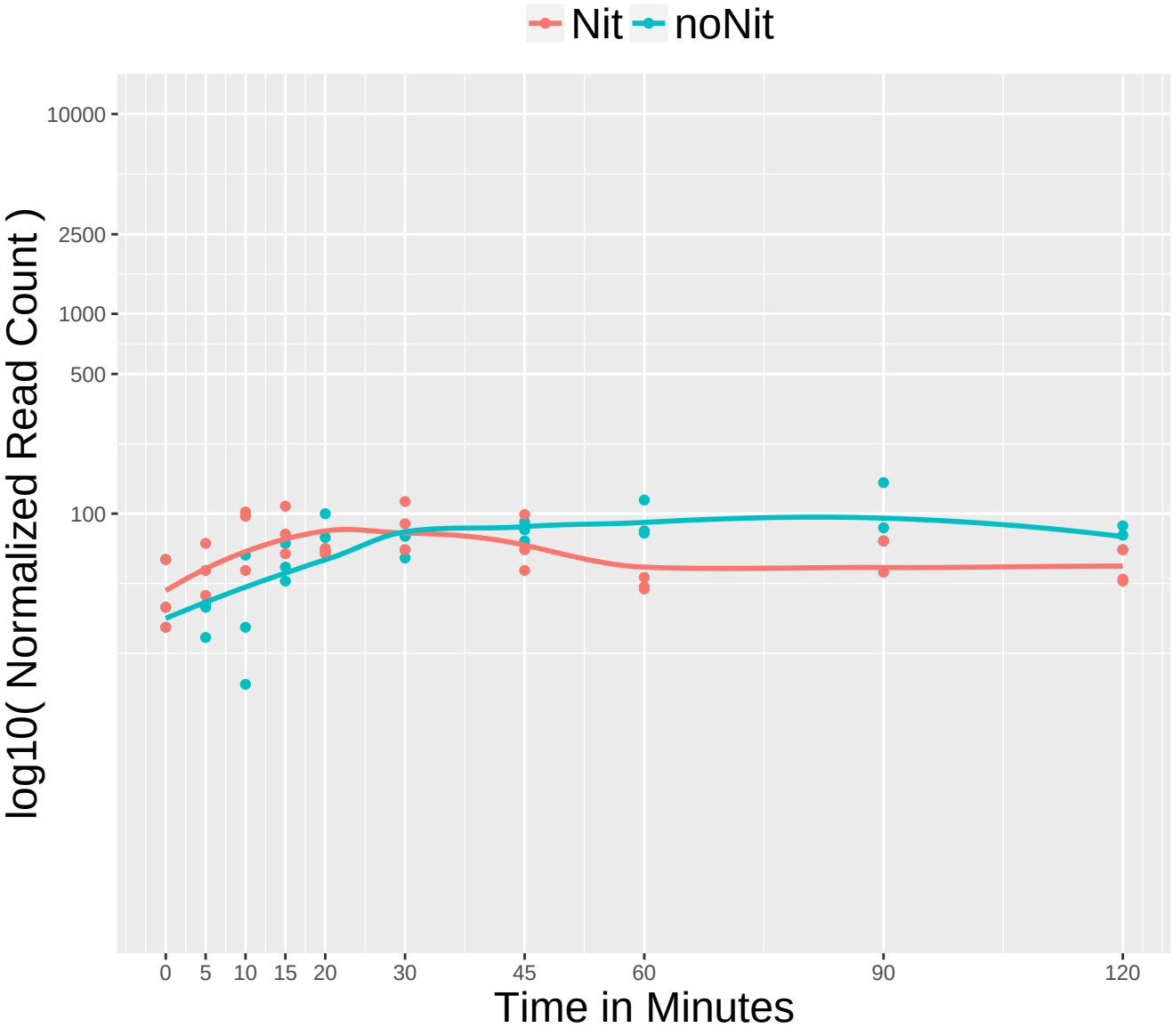
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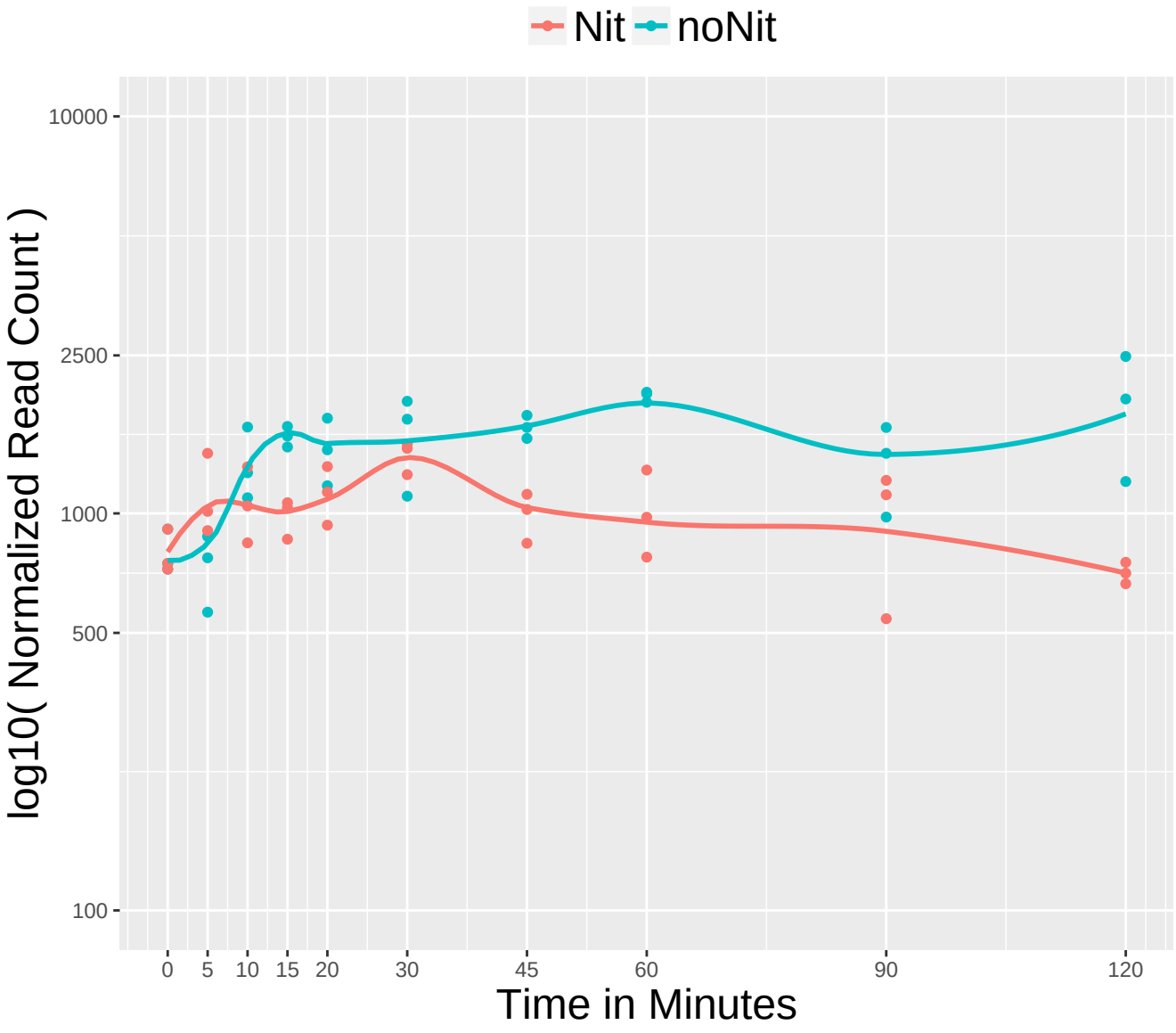
AT3G48850

MPT2,mitochondrial



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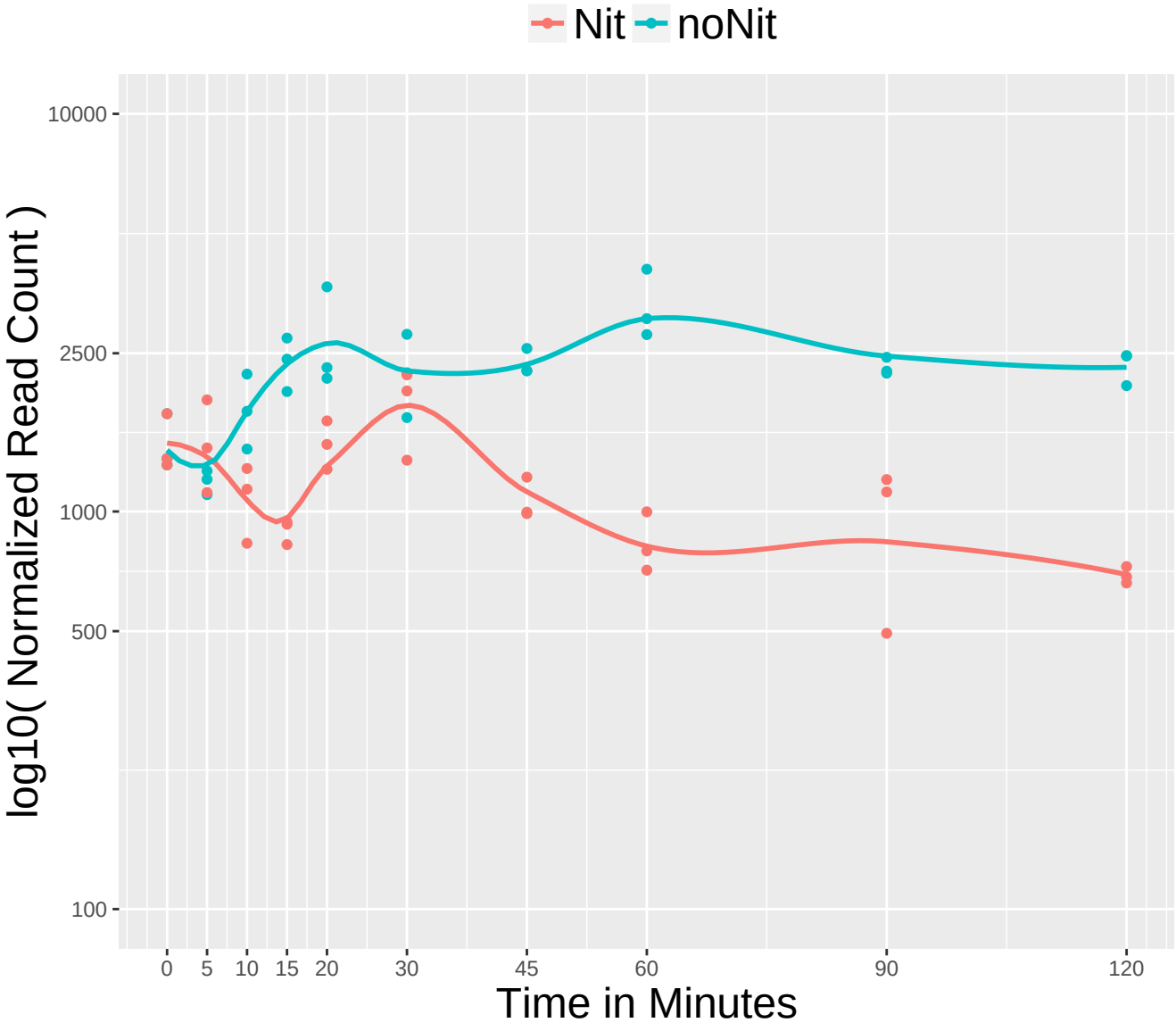

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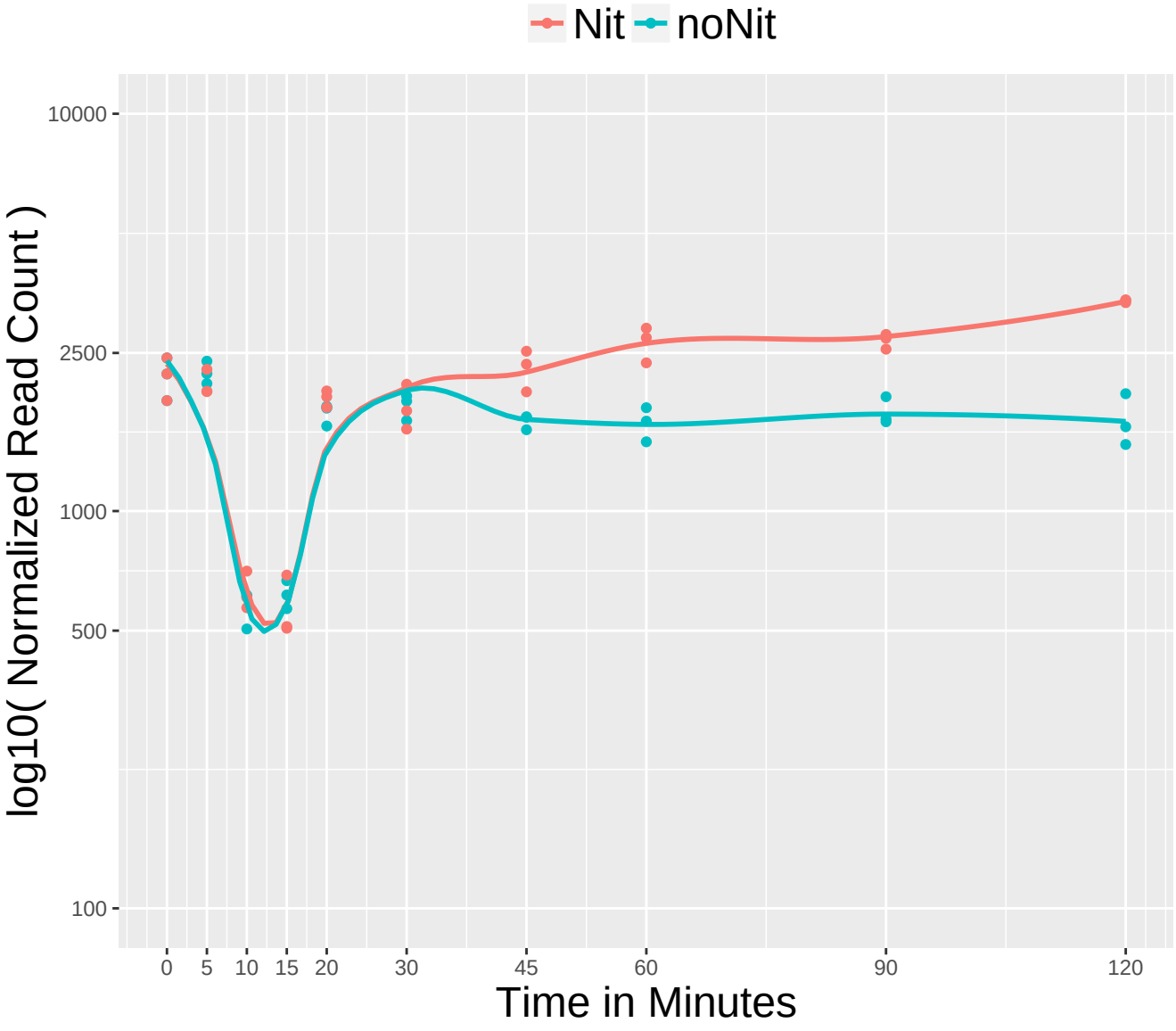
MEE49,maternal



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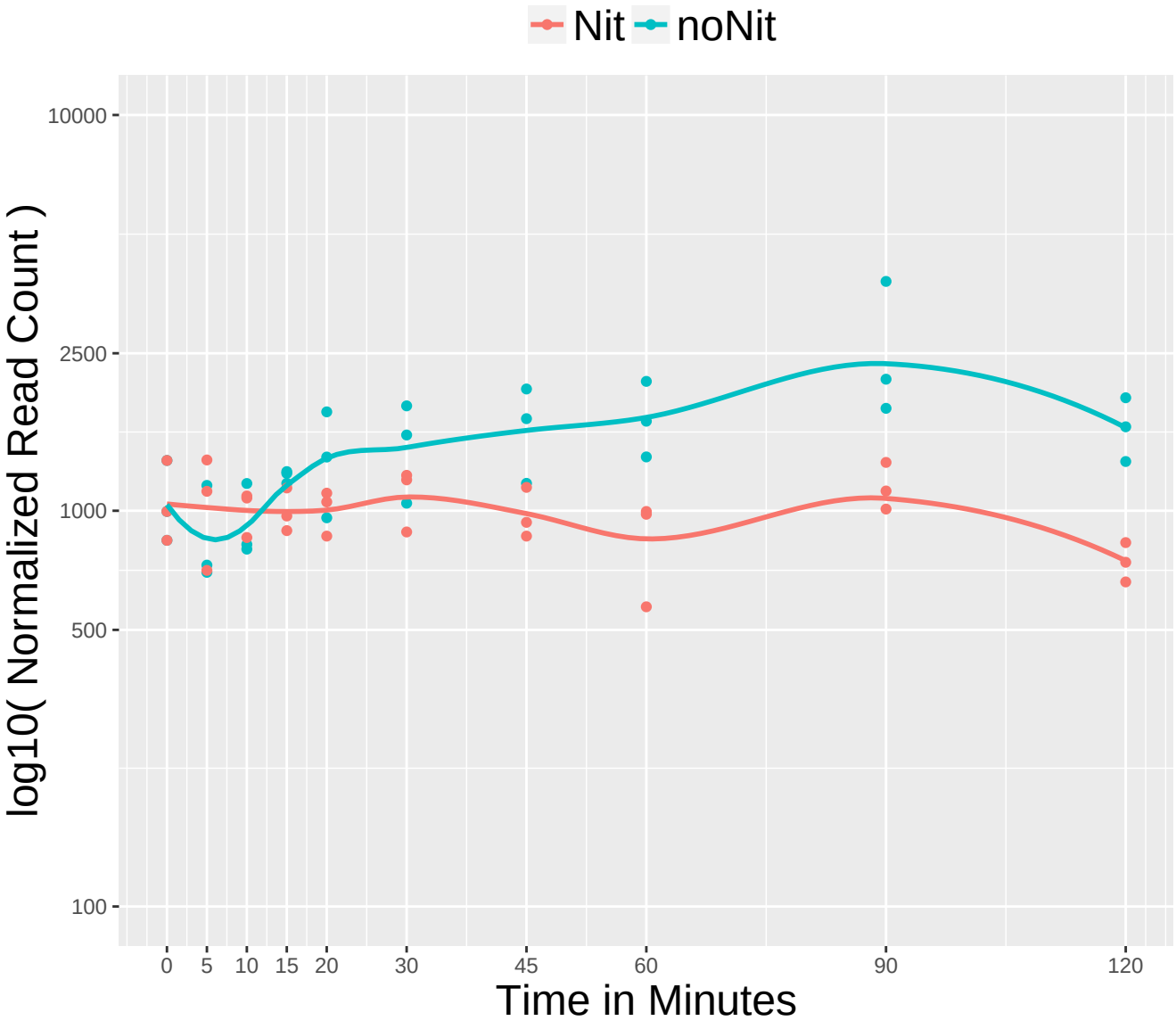
CYP705A4,"cytochrome



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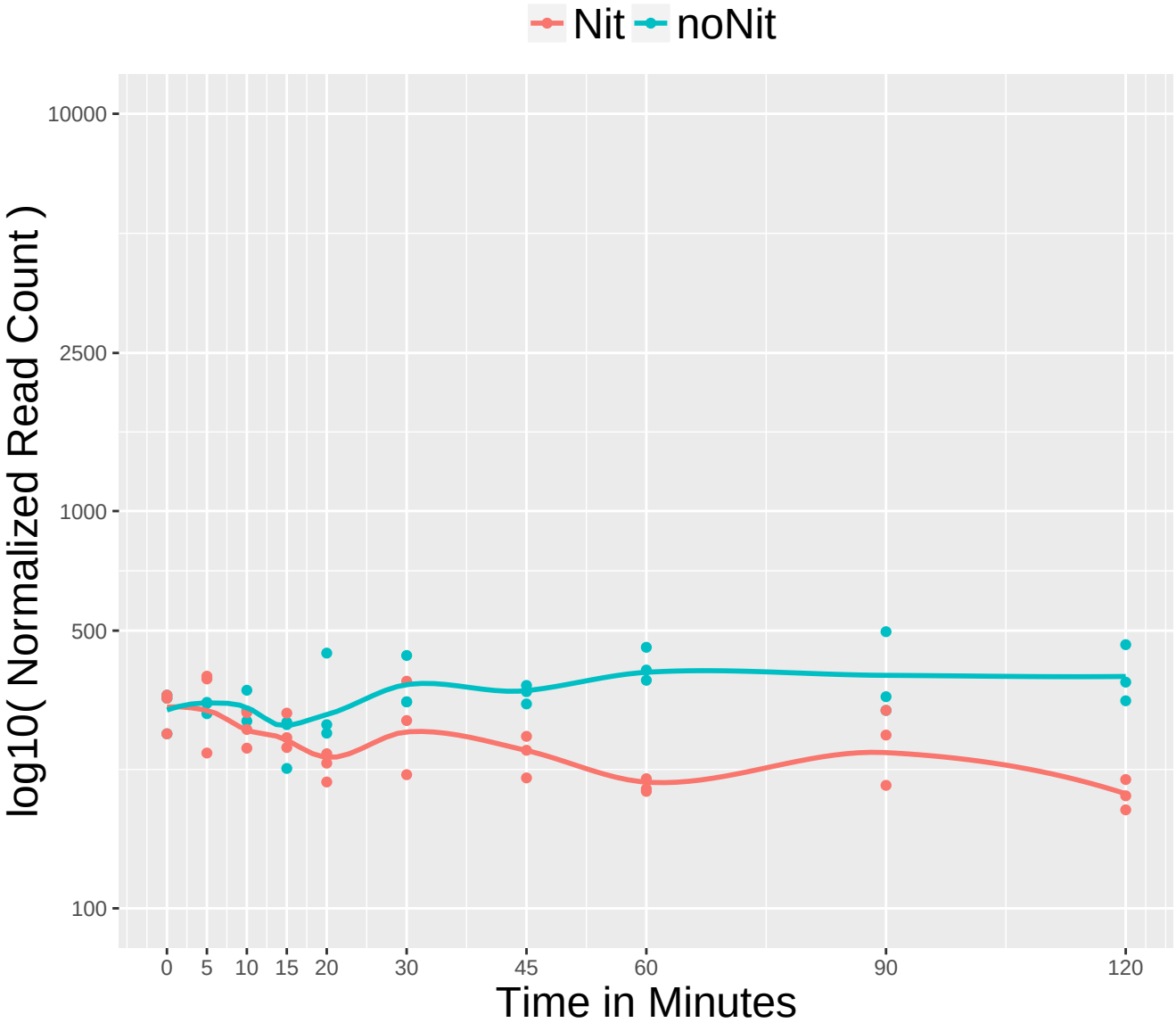
ATNYE1,NON−YELLOWING



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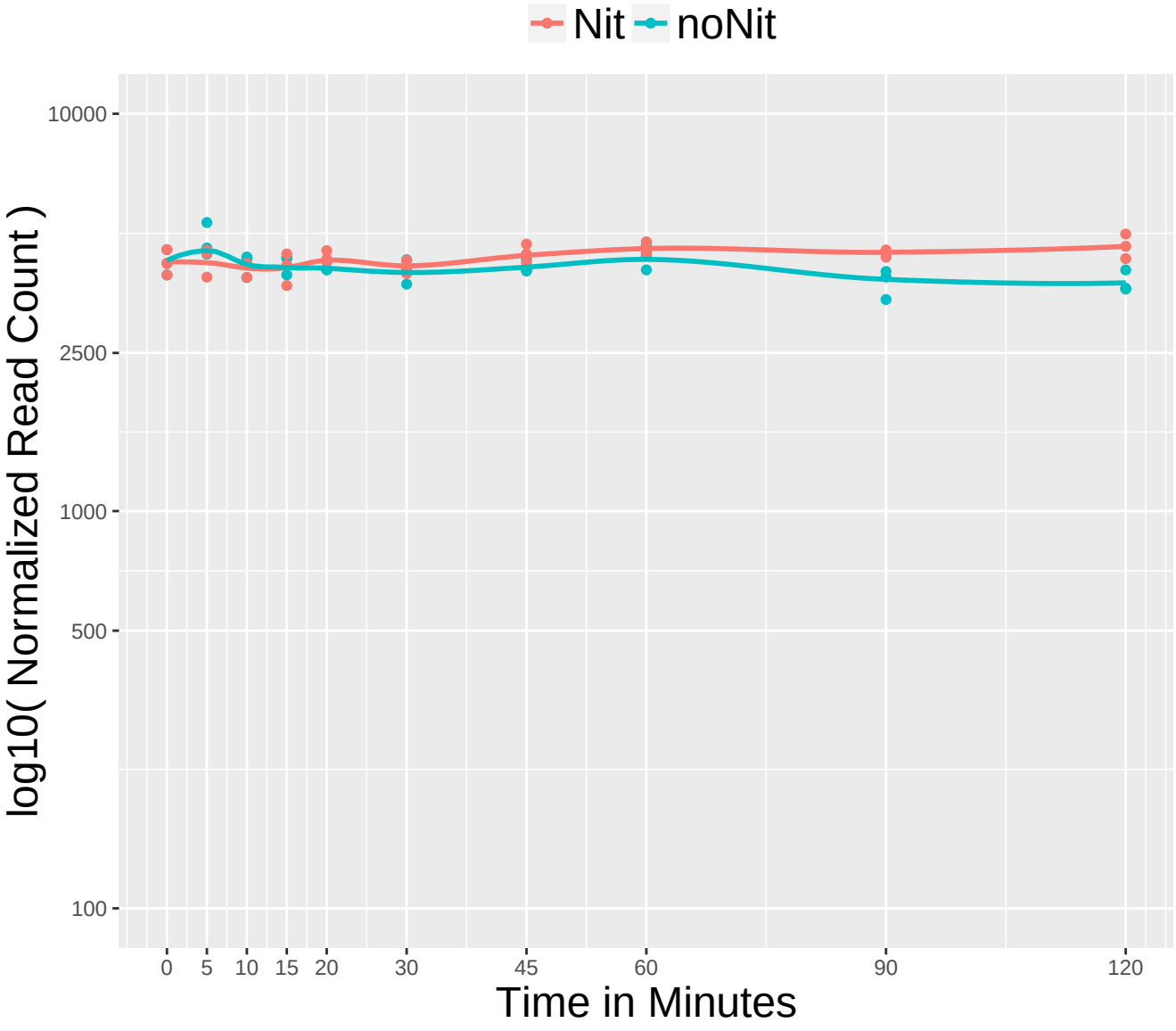

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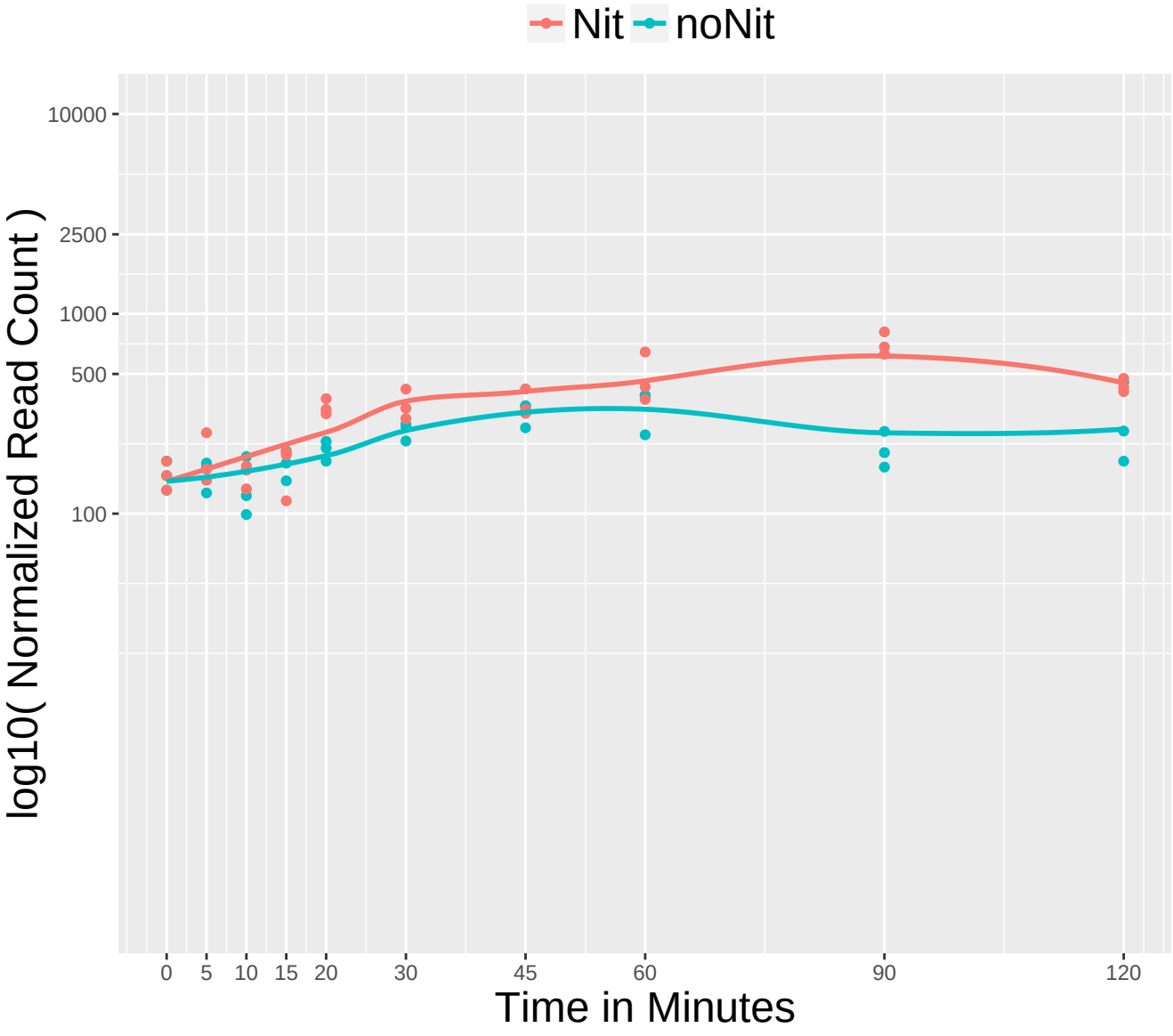

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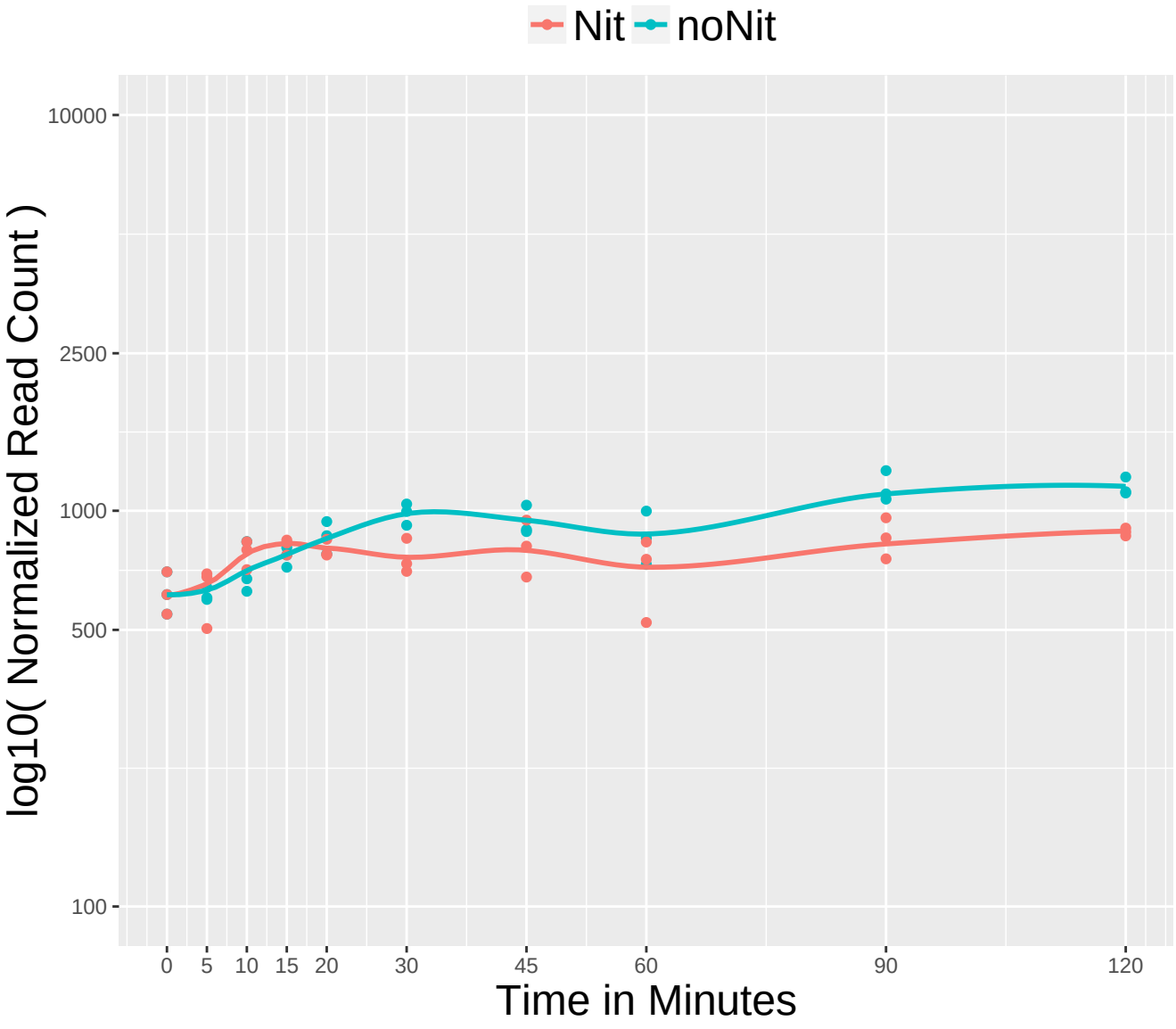
UDP−Glycosyltransferase



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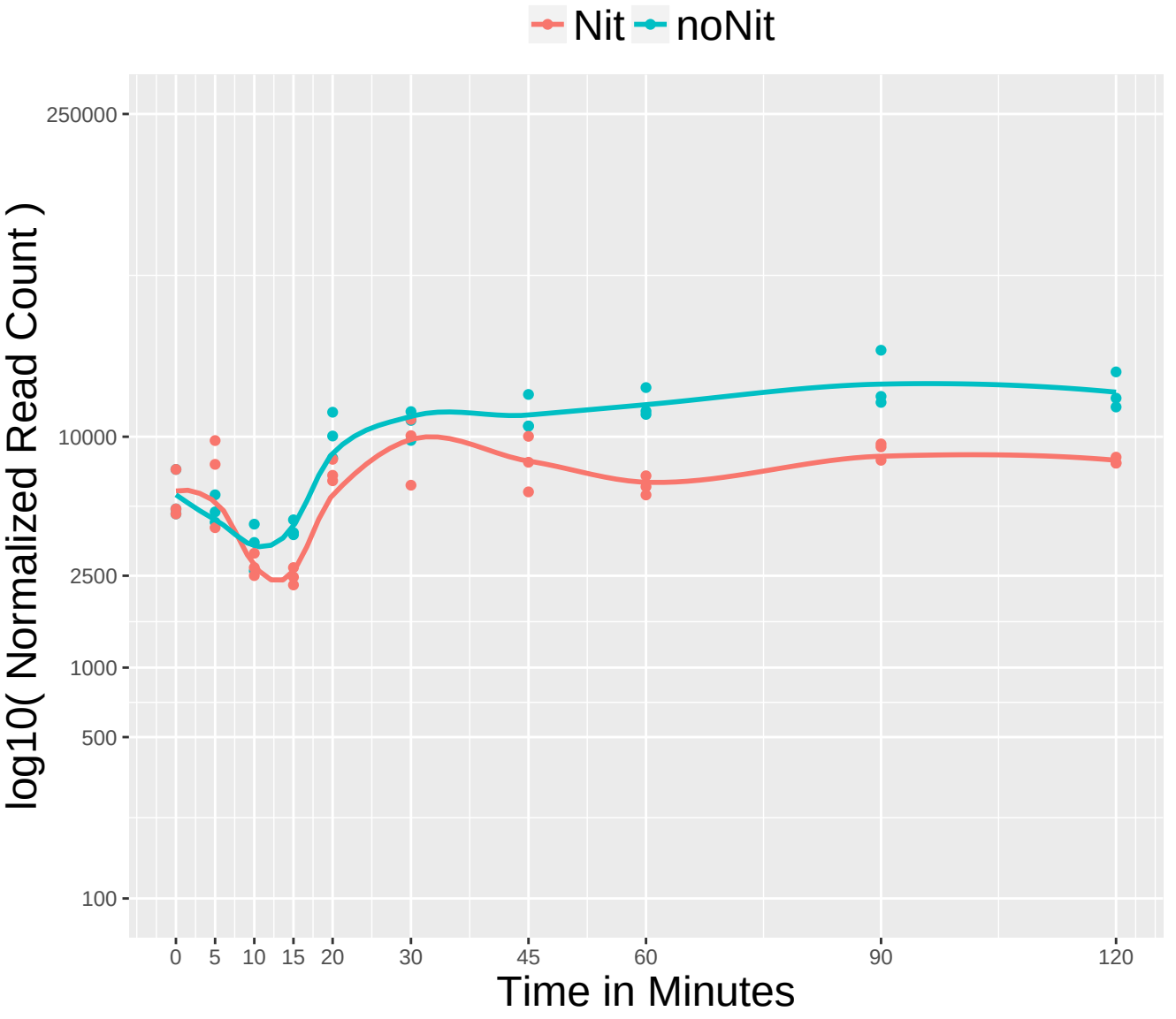
LHT1,lysine



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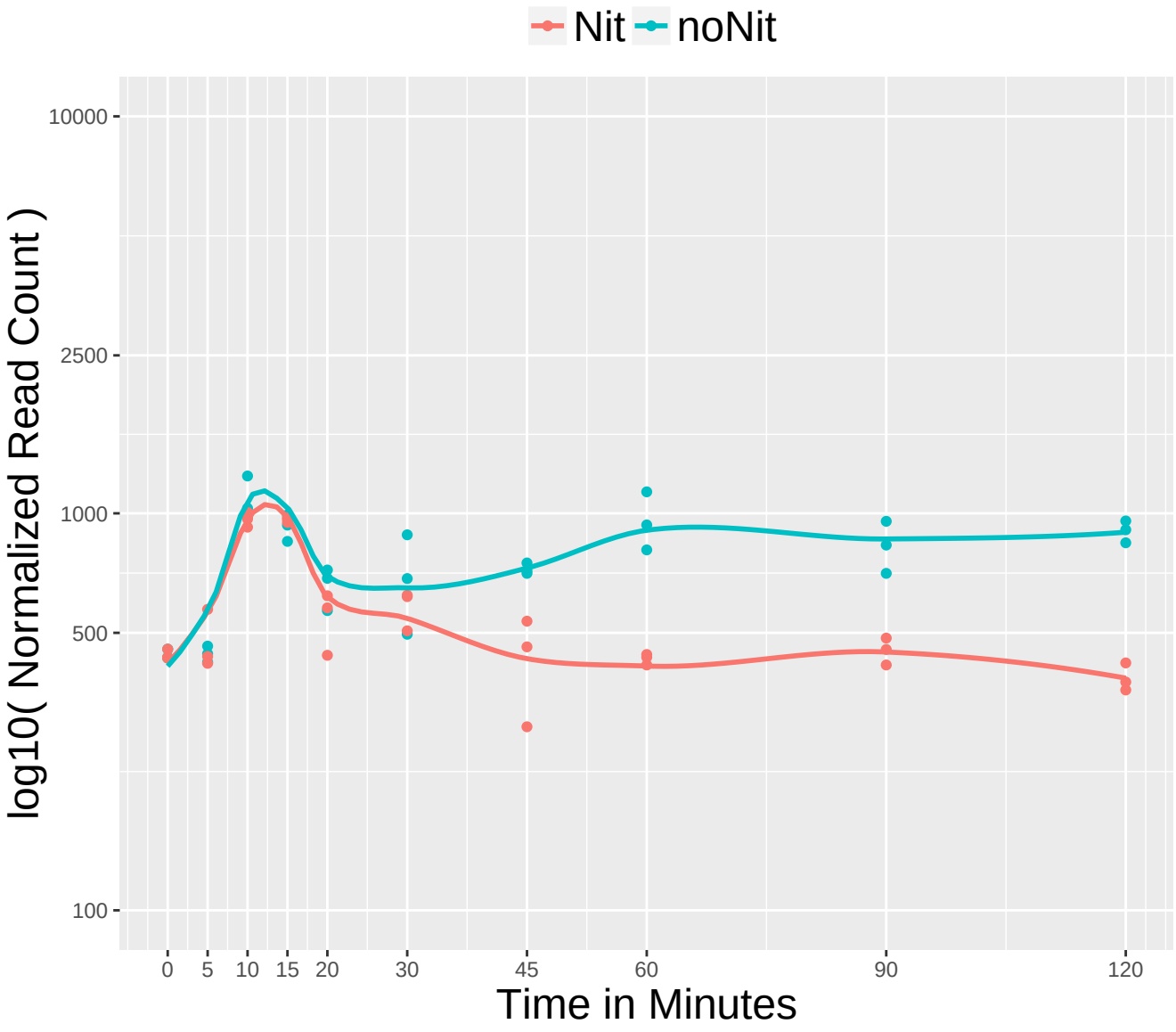
ATWRKY2,ARABIDOPSIS



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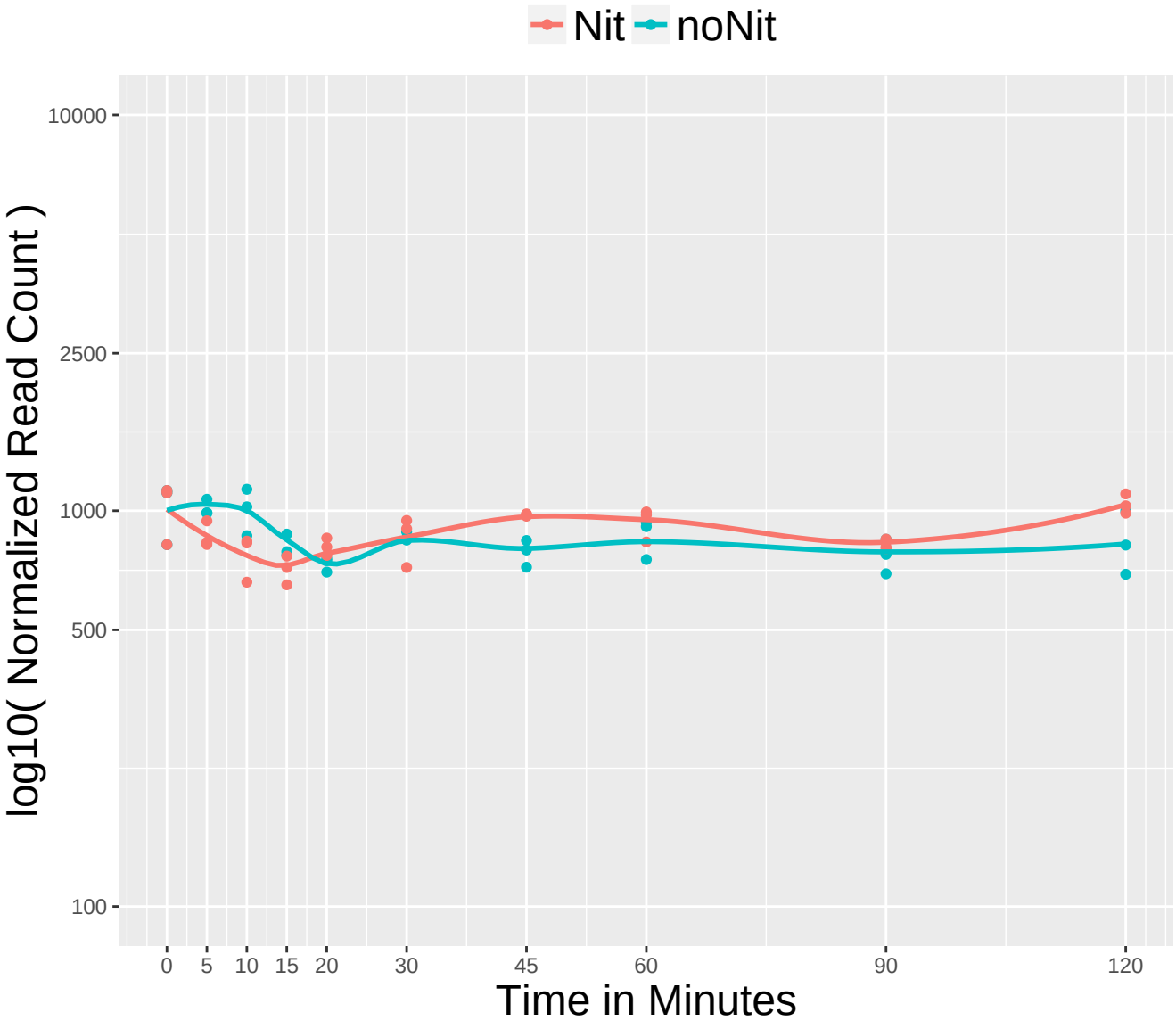
EMB1968,embryo



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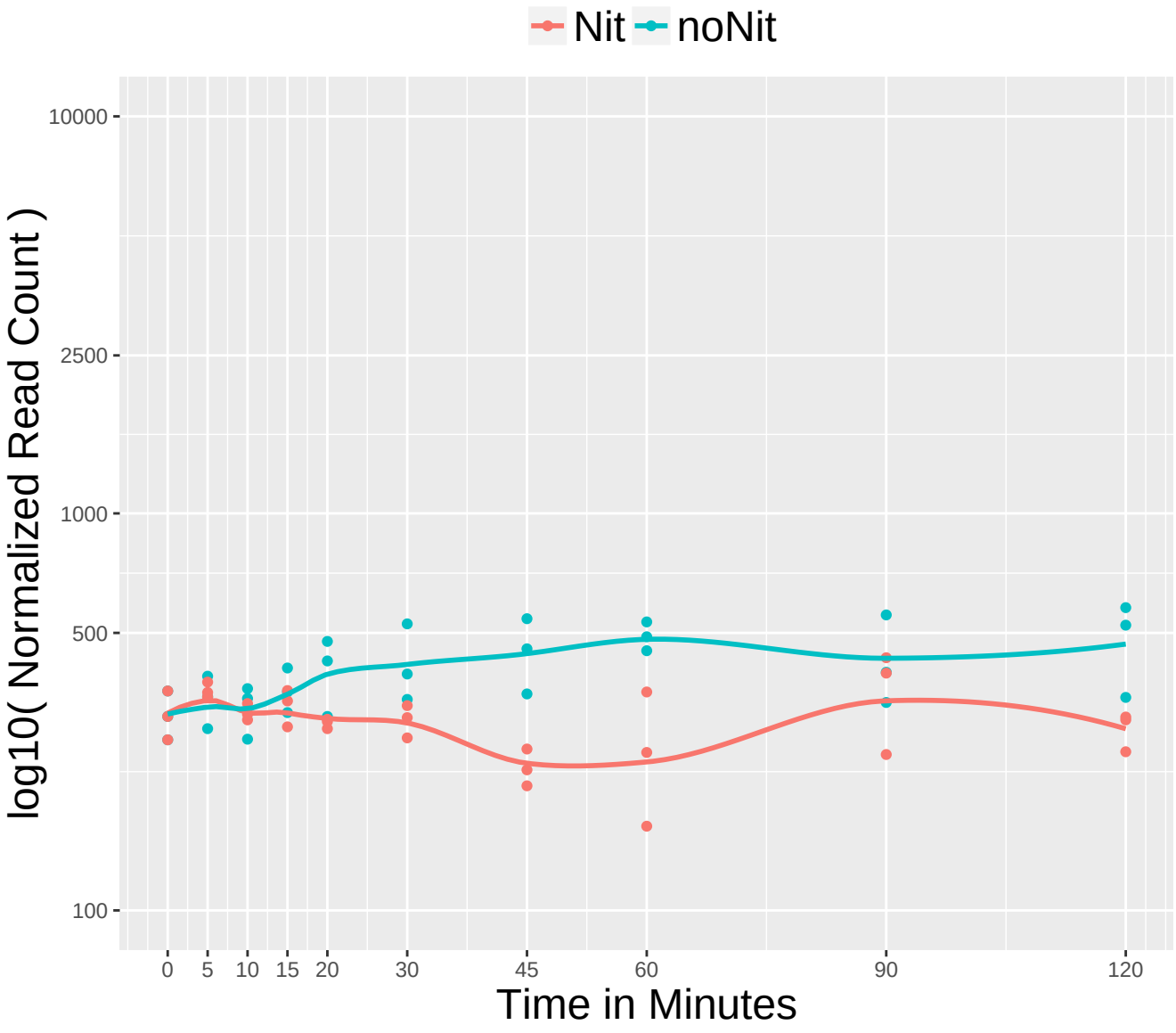
anac016,NAC



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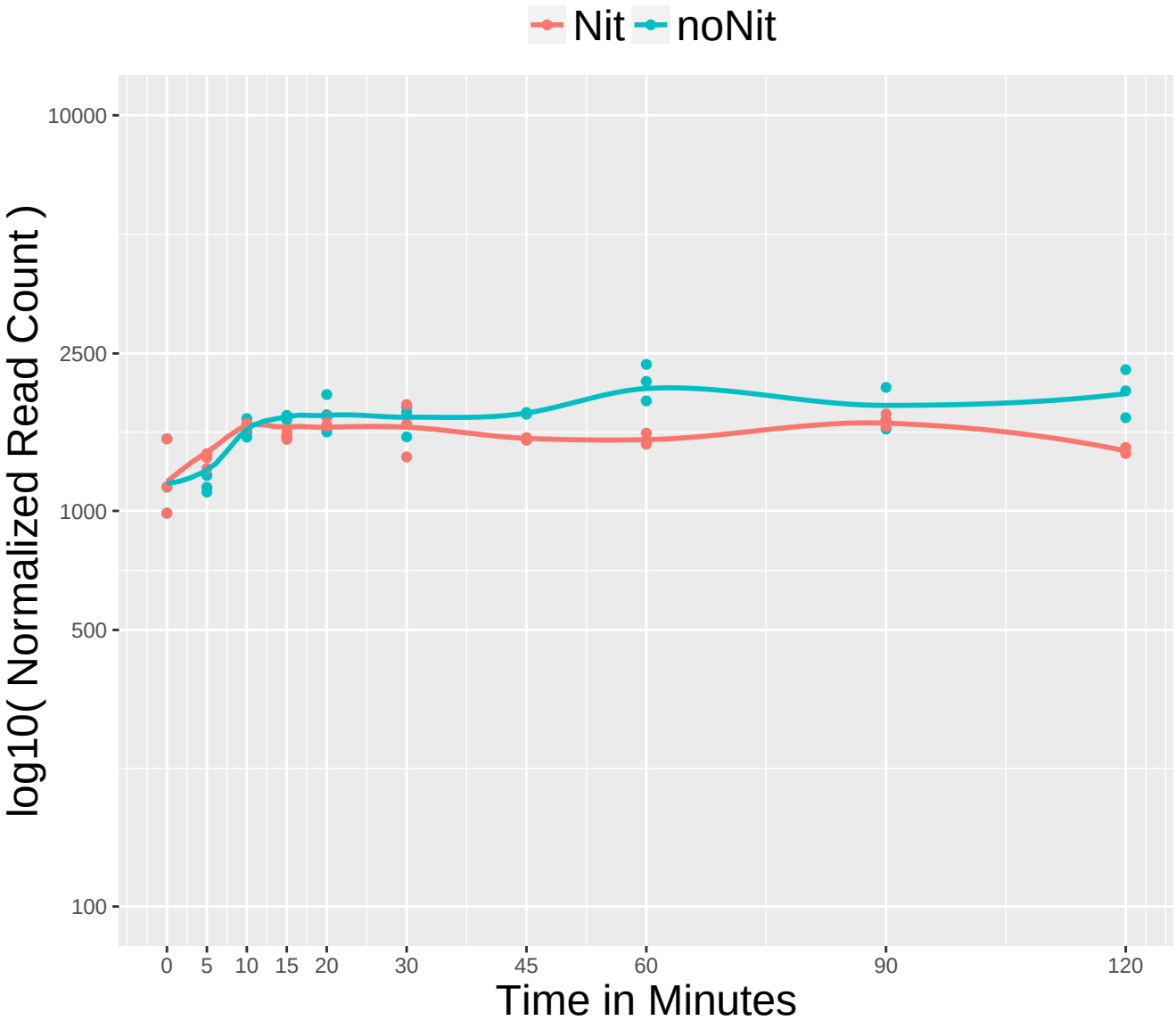
Regulator



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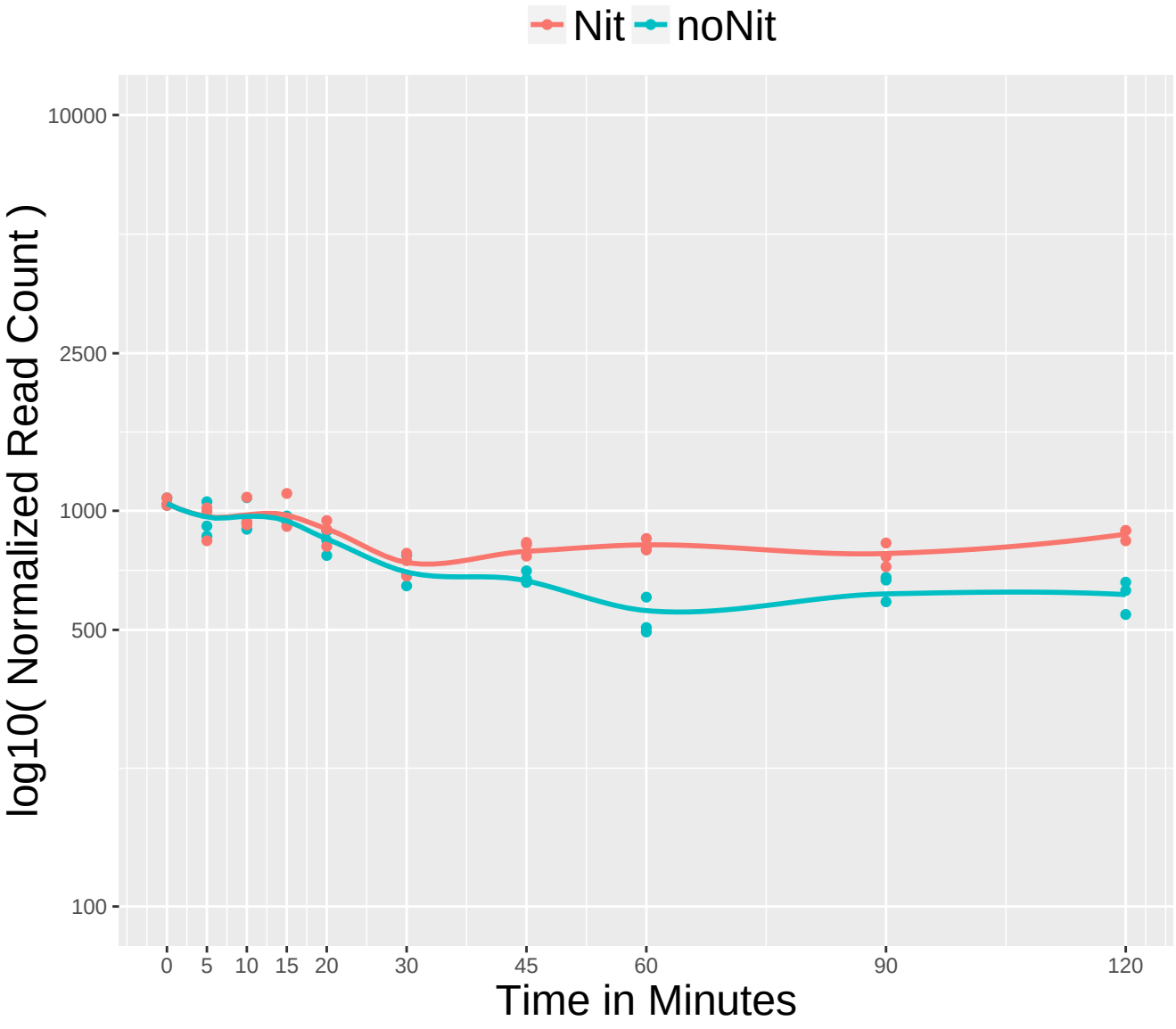
Pyridoxal−5'−phosphate−dependent



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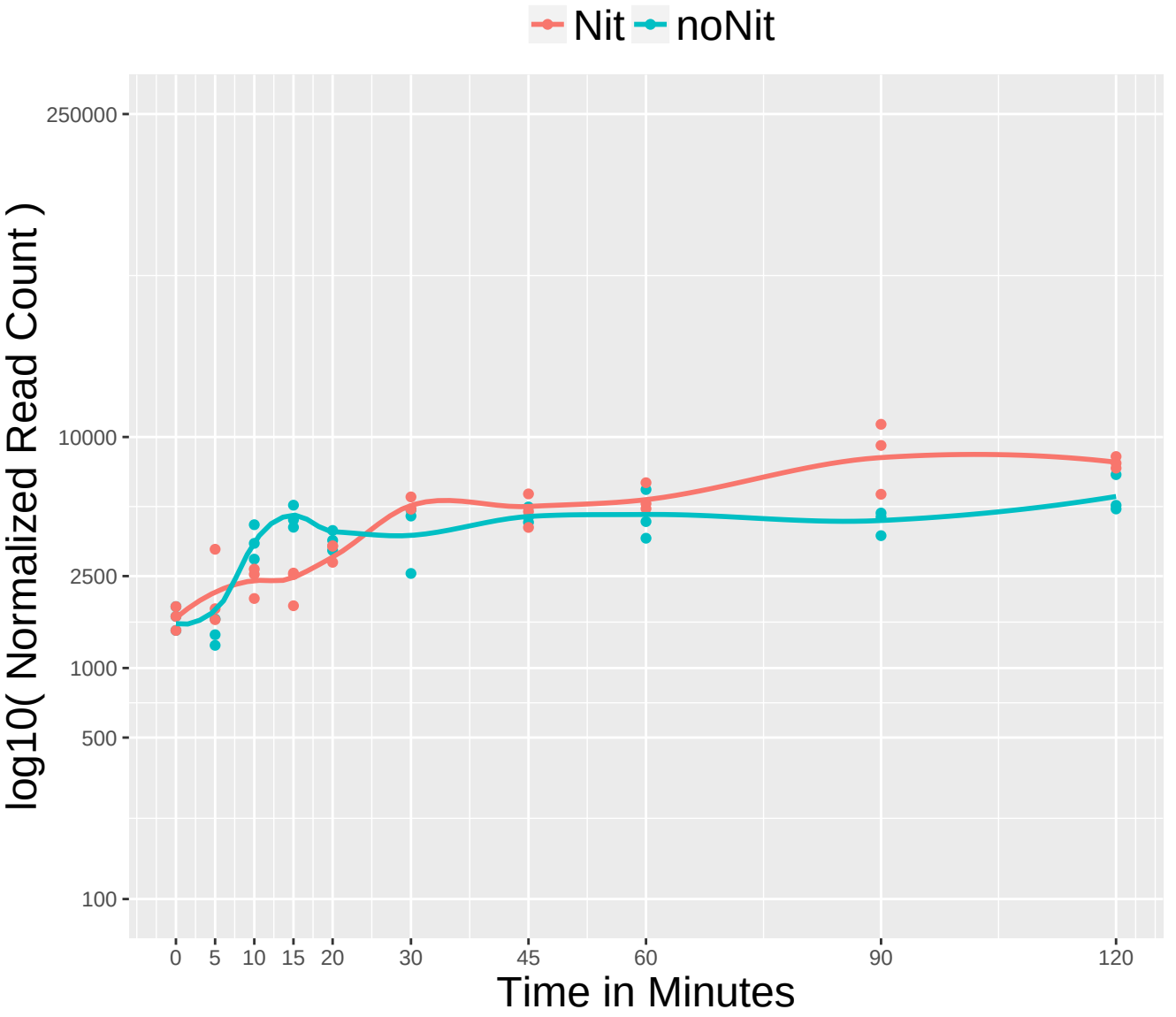
Glycosyl



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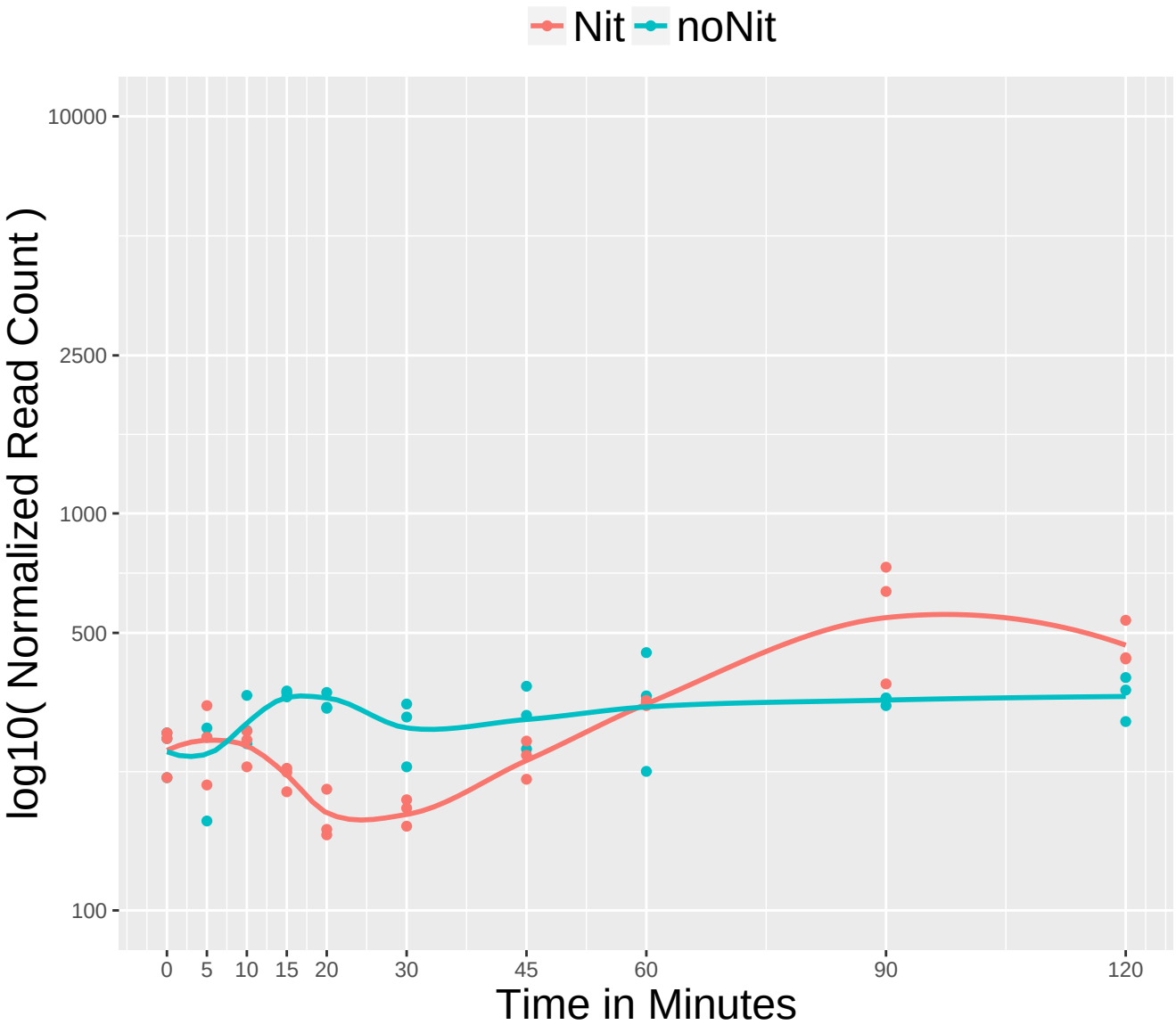
ATZFP1,ARABIDOPSIS



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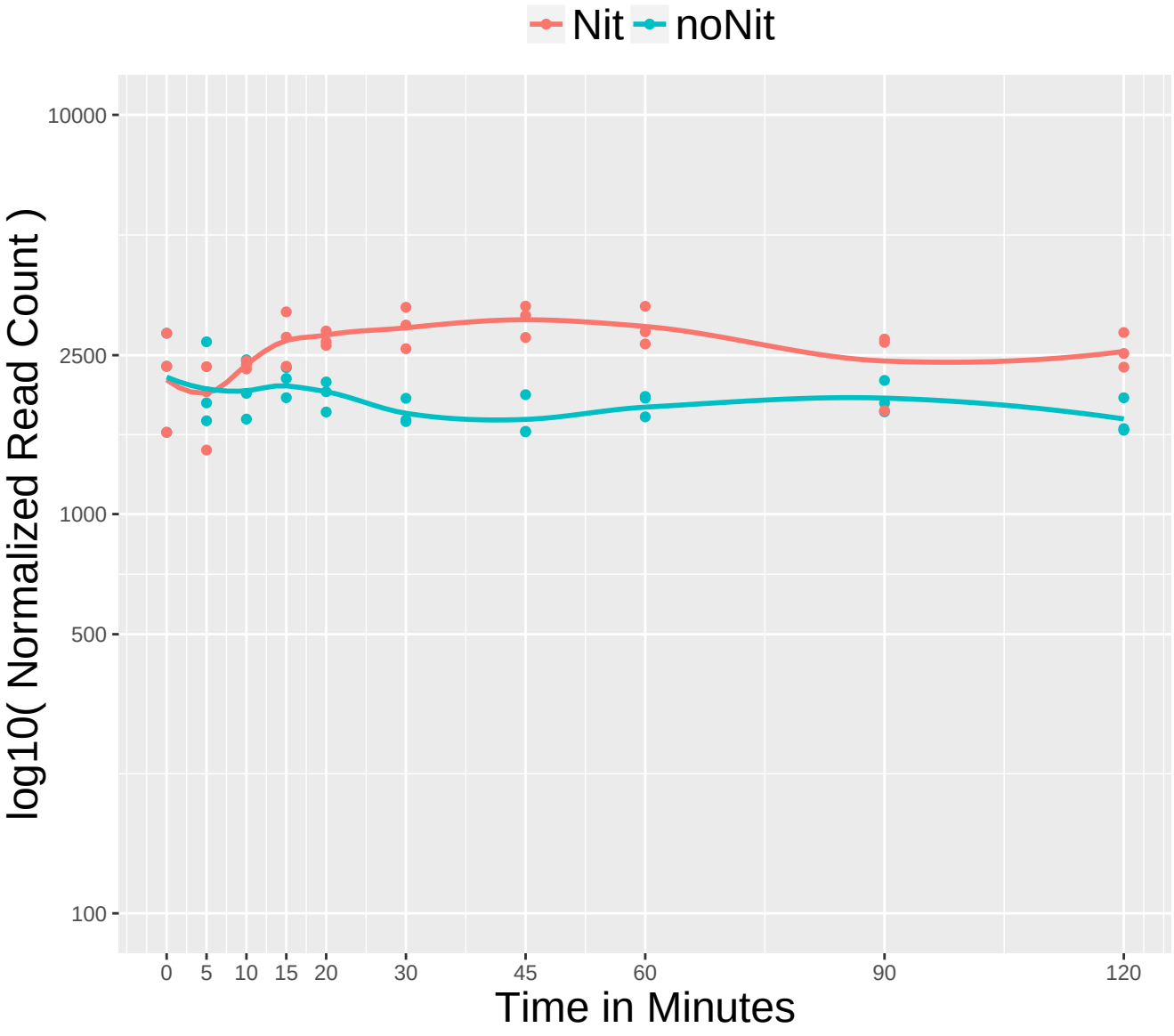
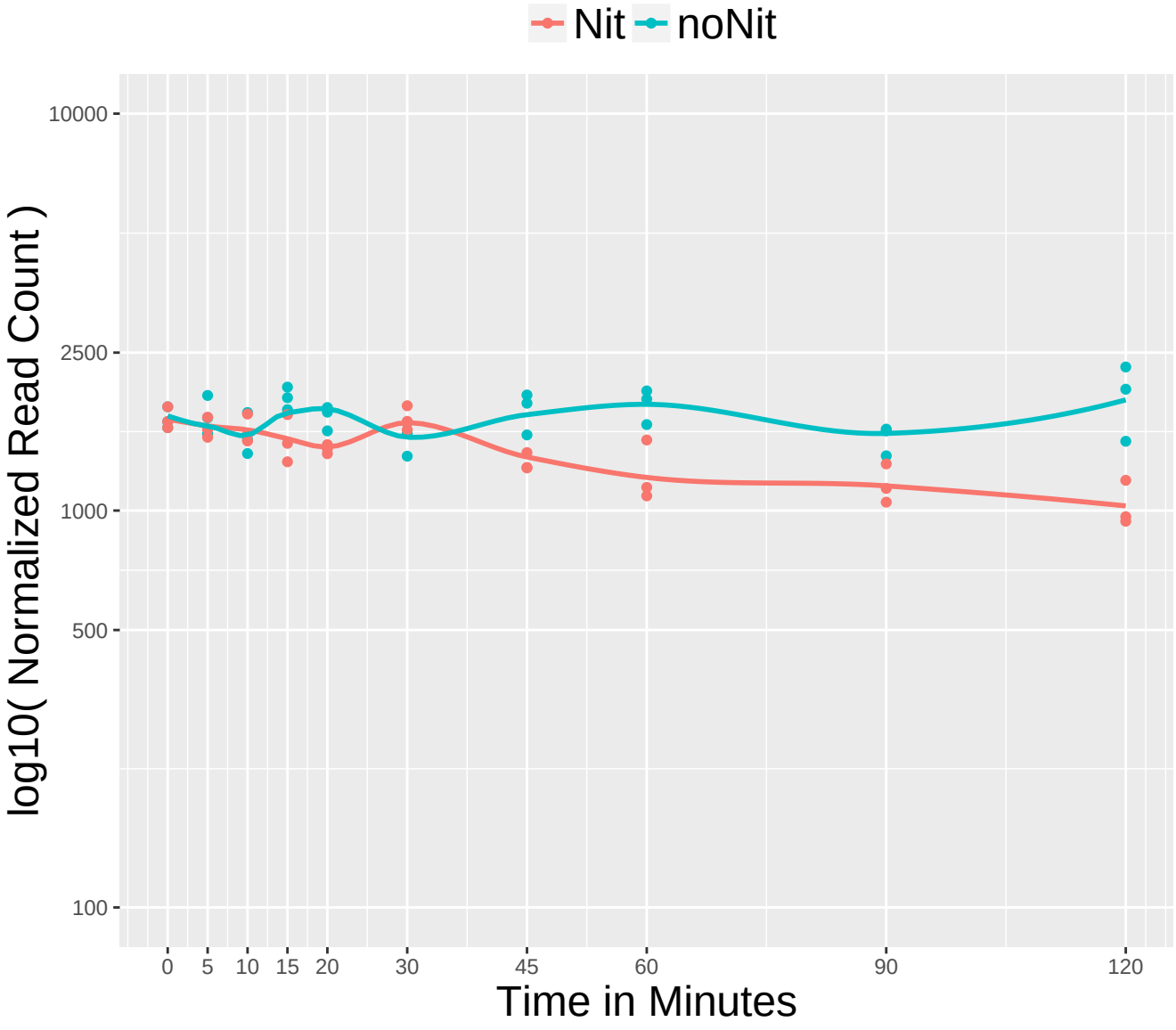


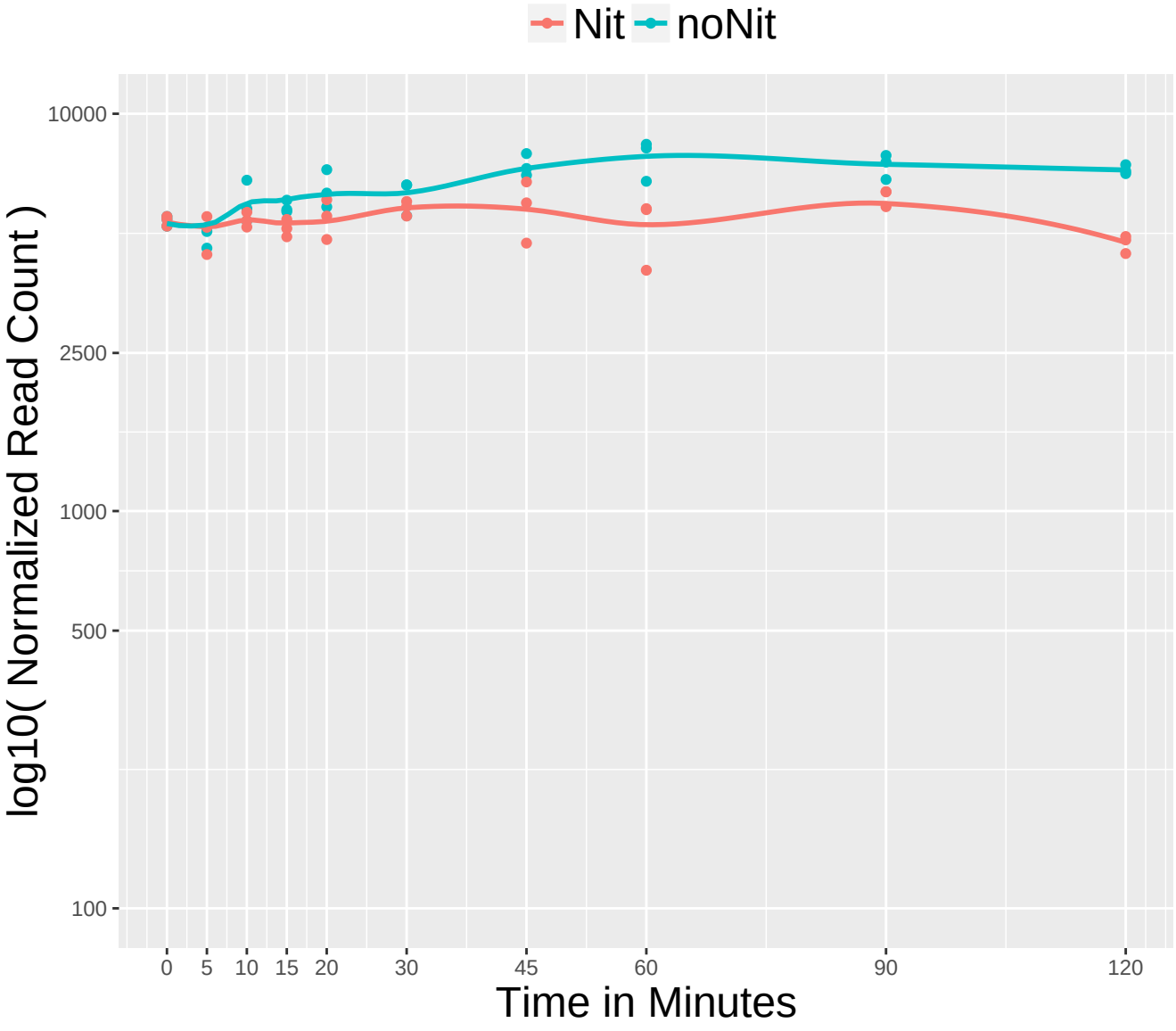
AT3G01650

RGLG1,RING



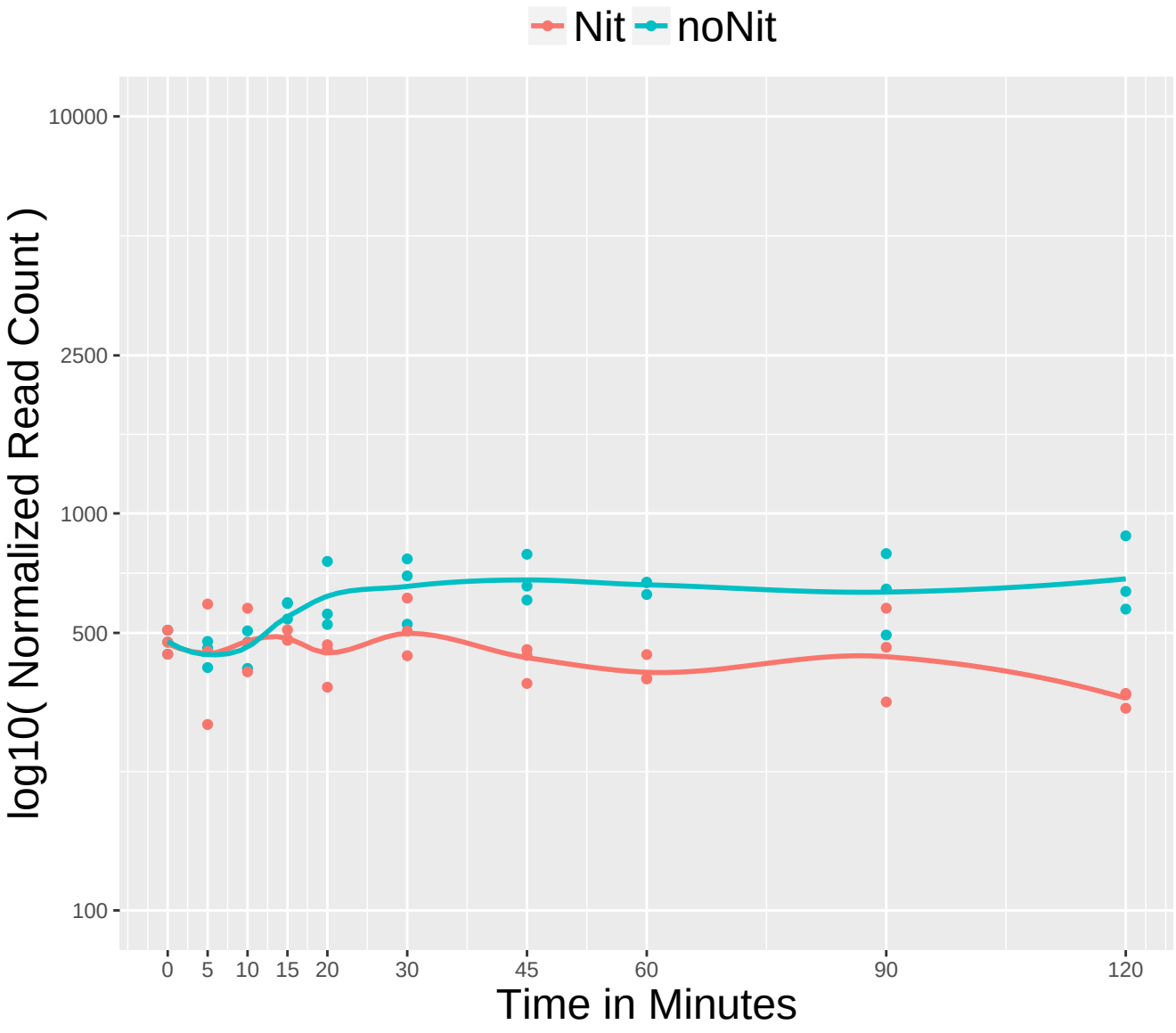
AT3G15880

TPR4,TOPLESS−RELATED



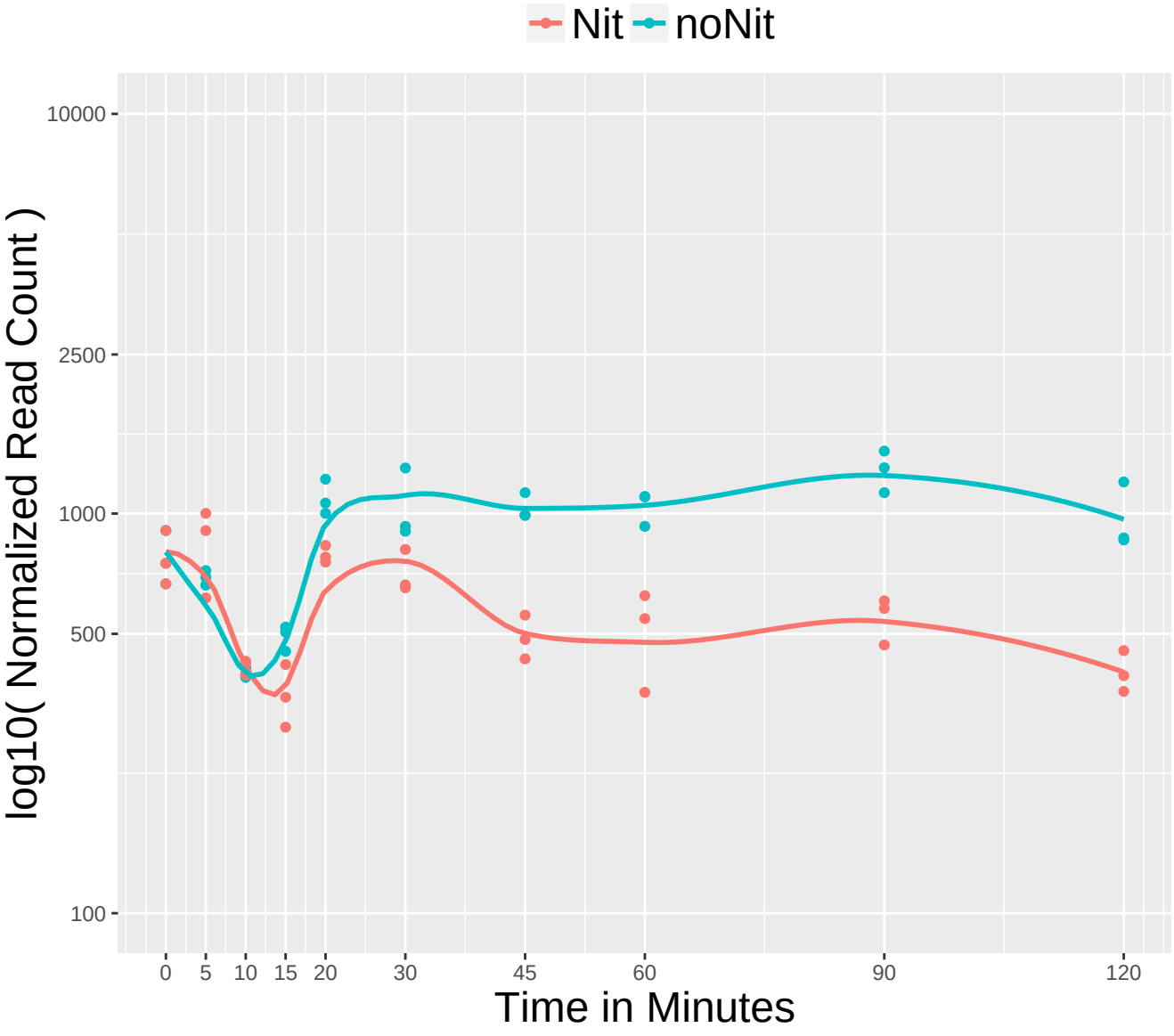
AT3G16030

CES101,CALLUS



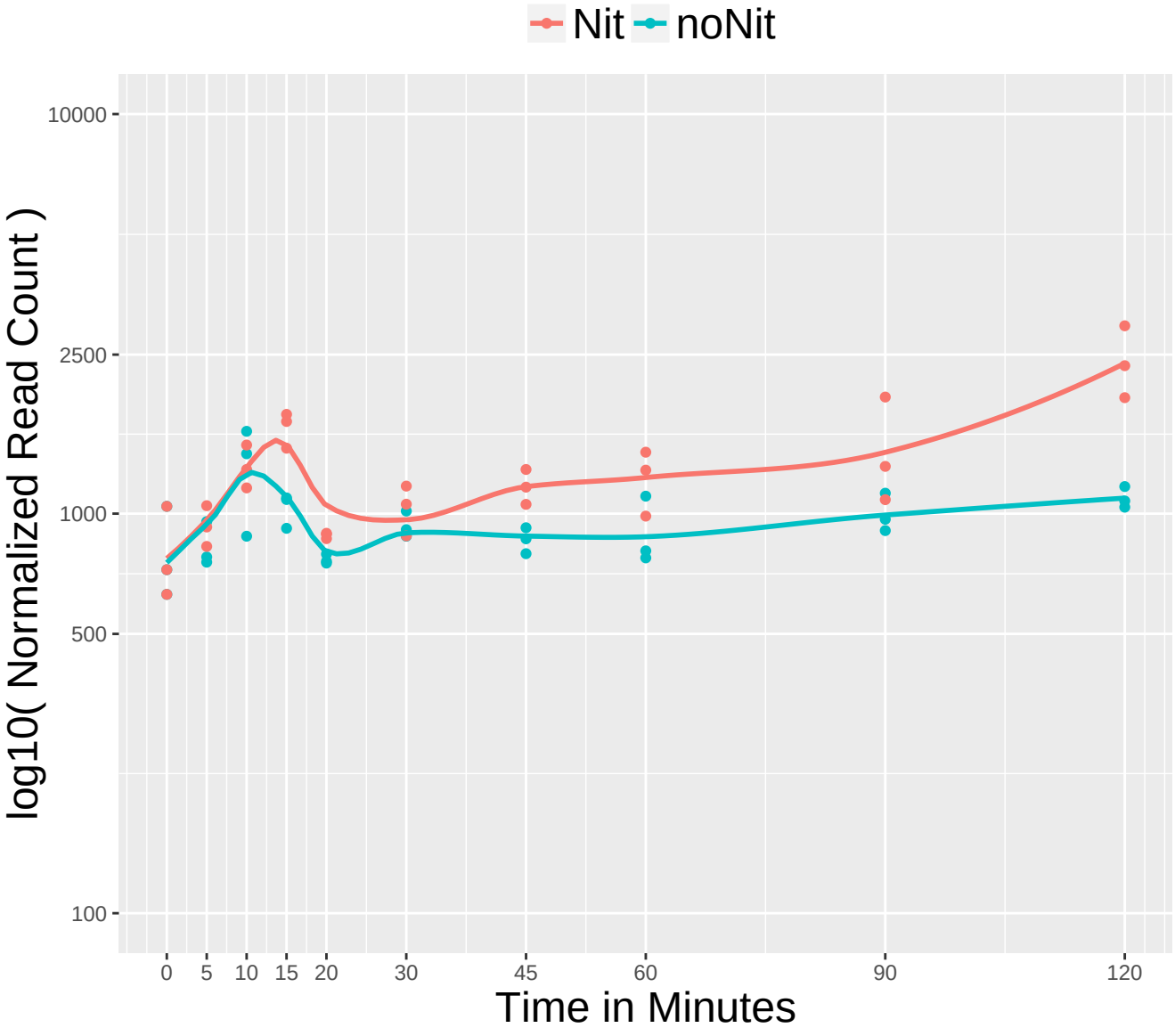
AT3G23160

Protein



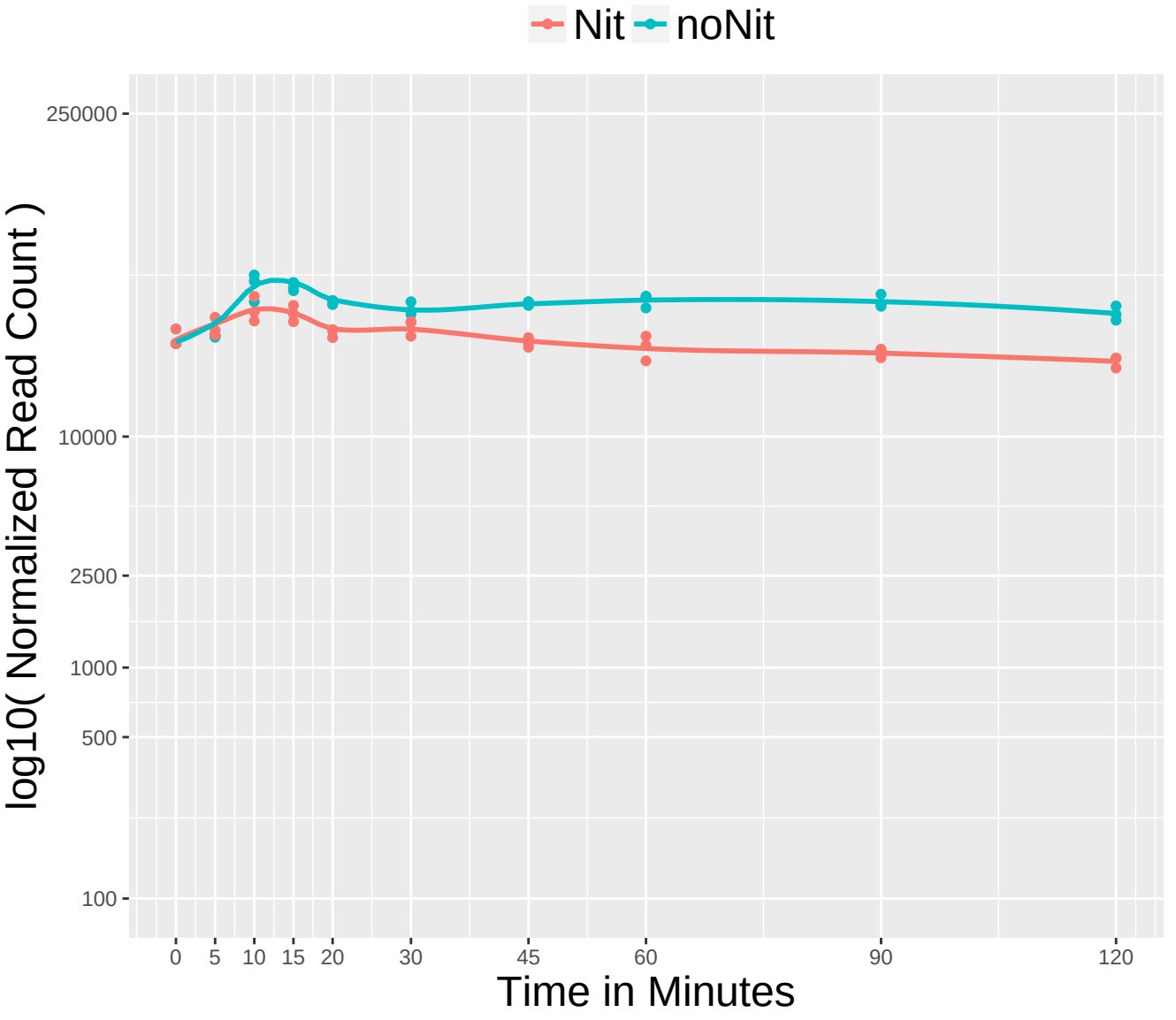
AT3G47800

Galactose



AT4G05050

UBQ11,ubiquitin



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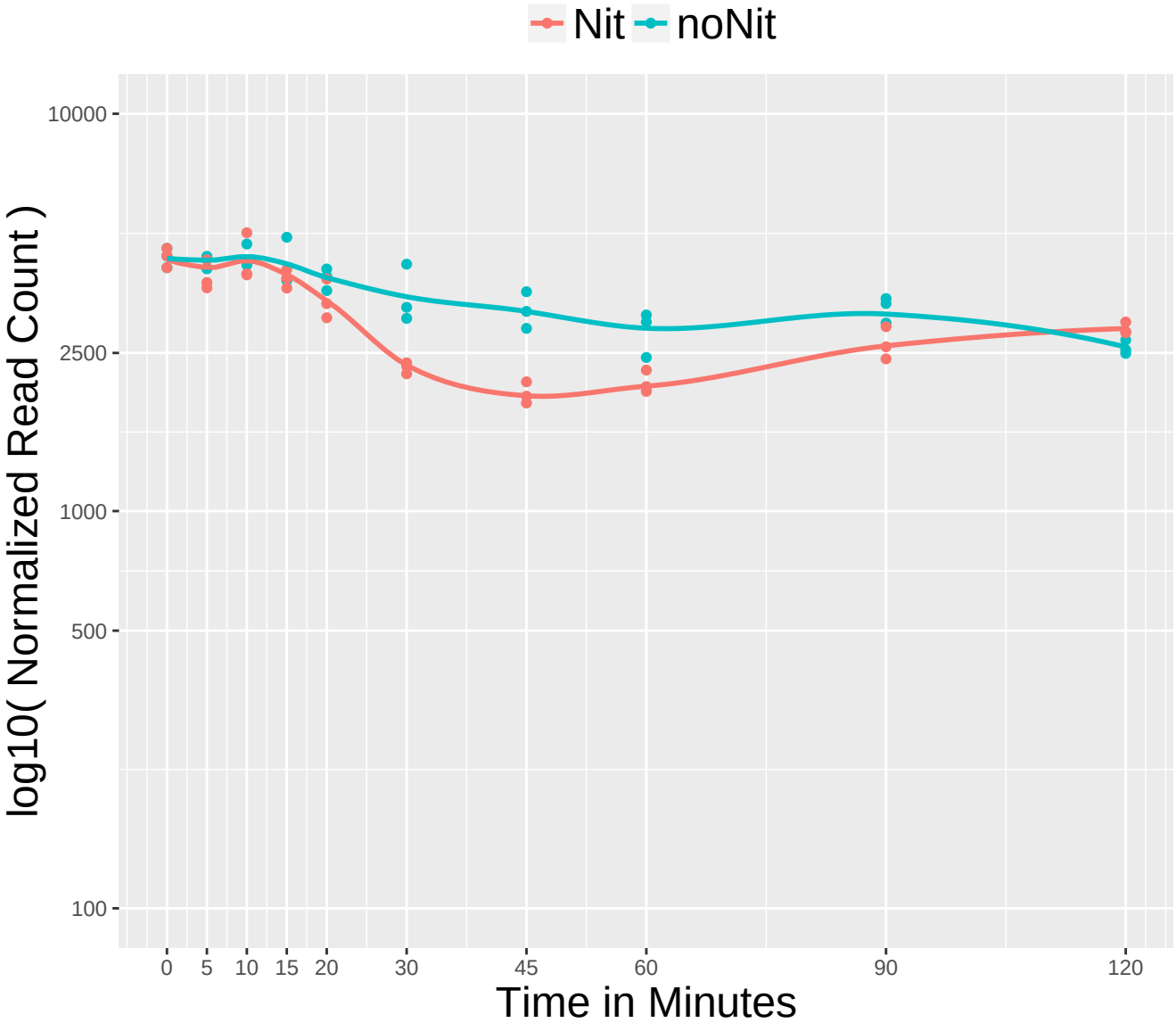
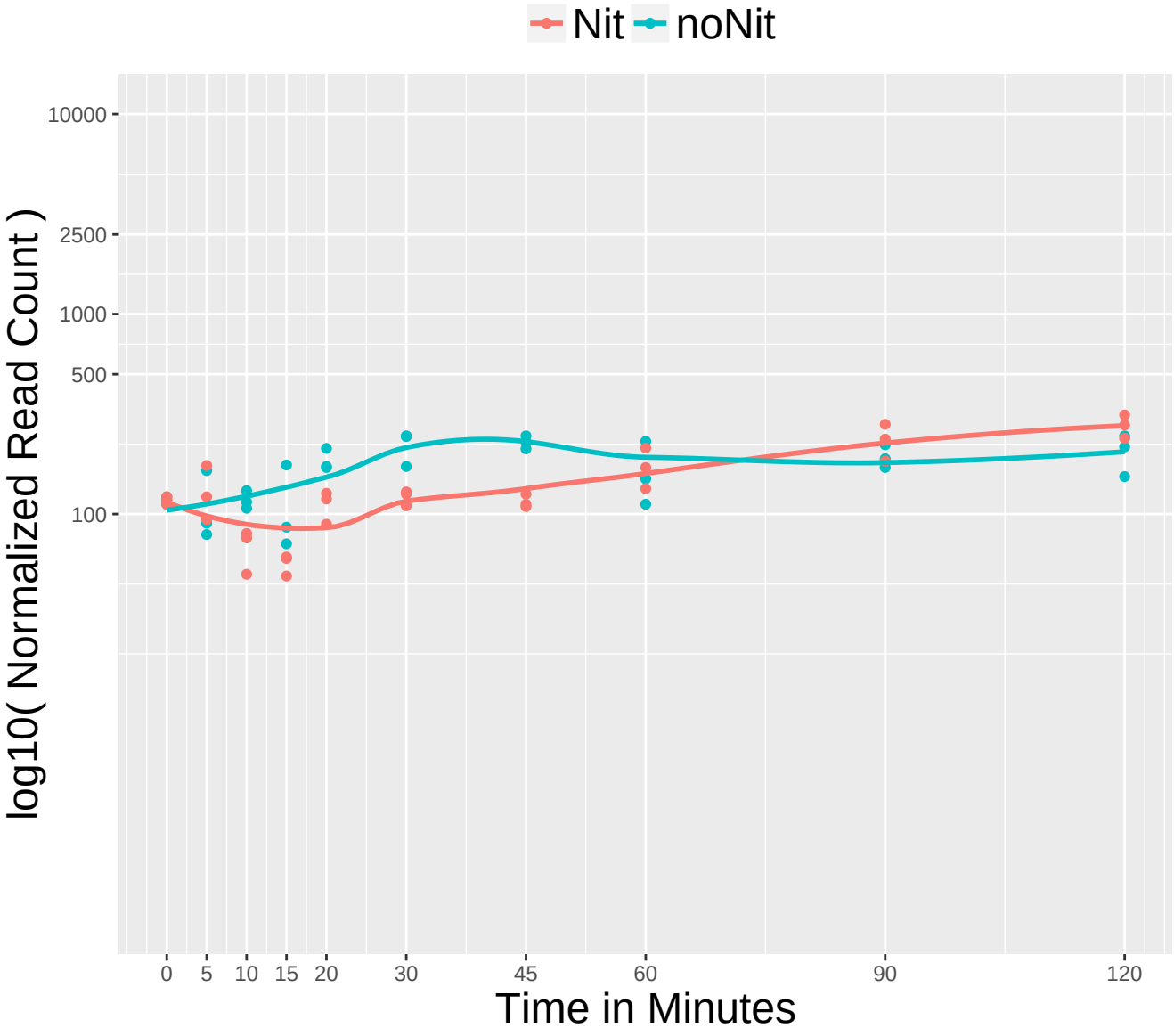
AAH,allantoate



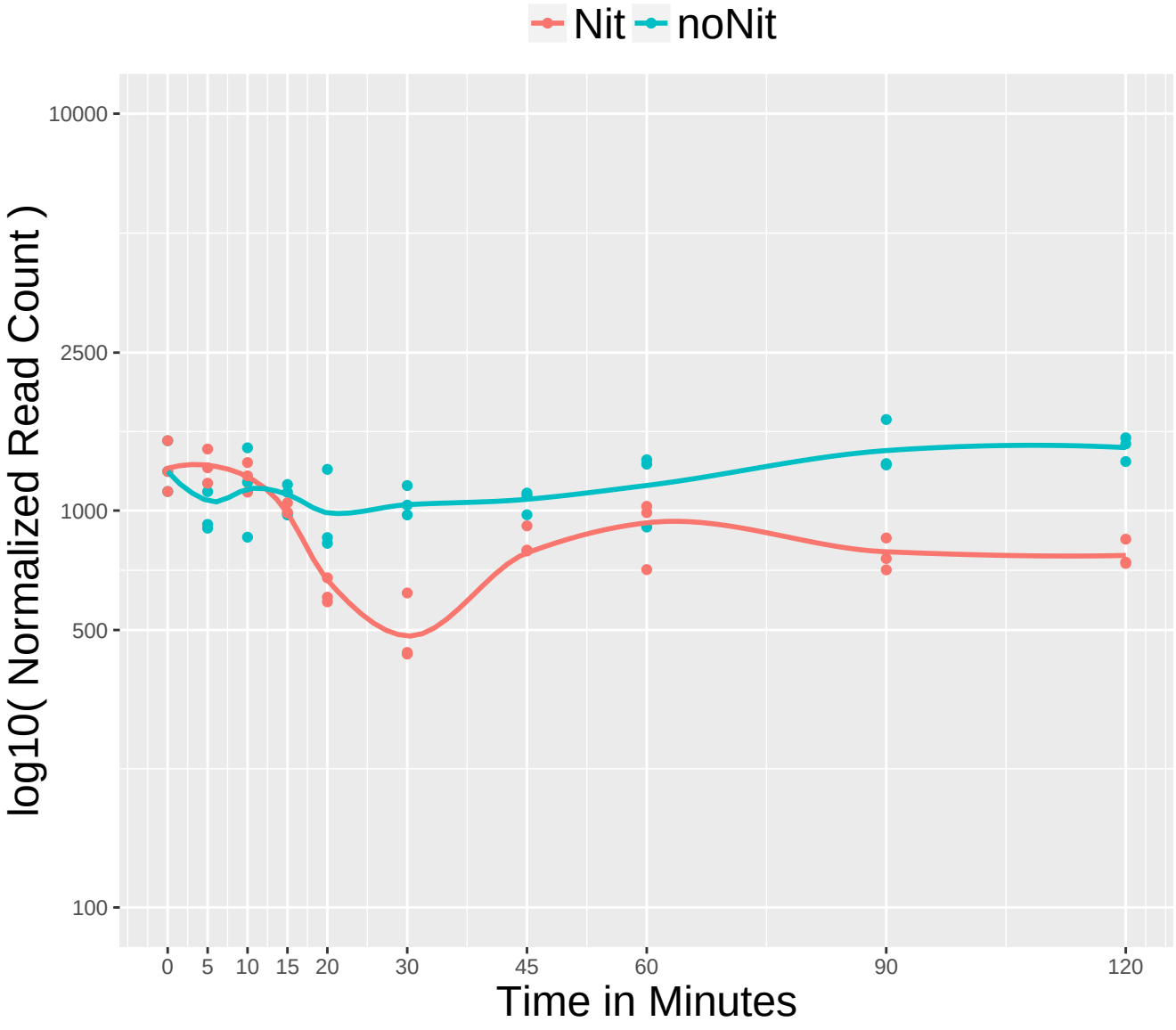
AT4G22790

MATE



AT4G31320

SAUR37,SMALL



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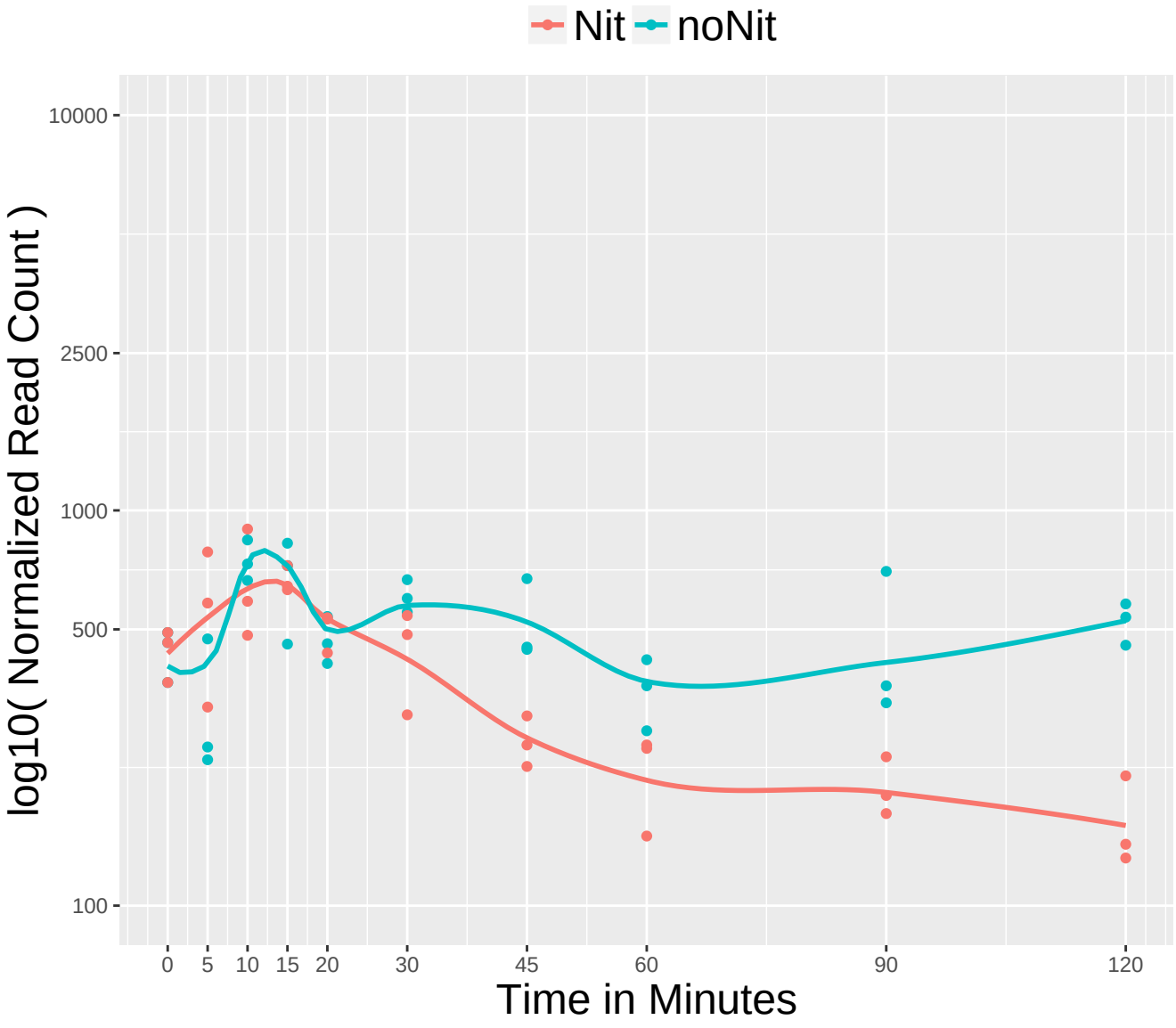
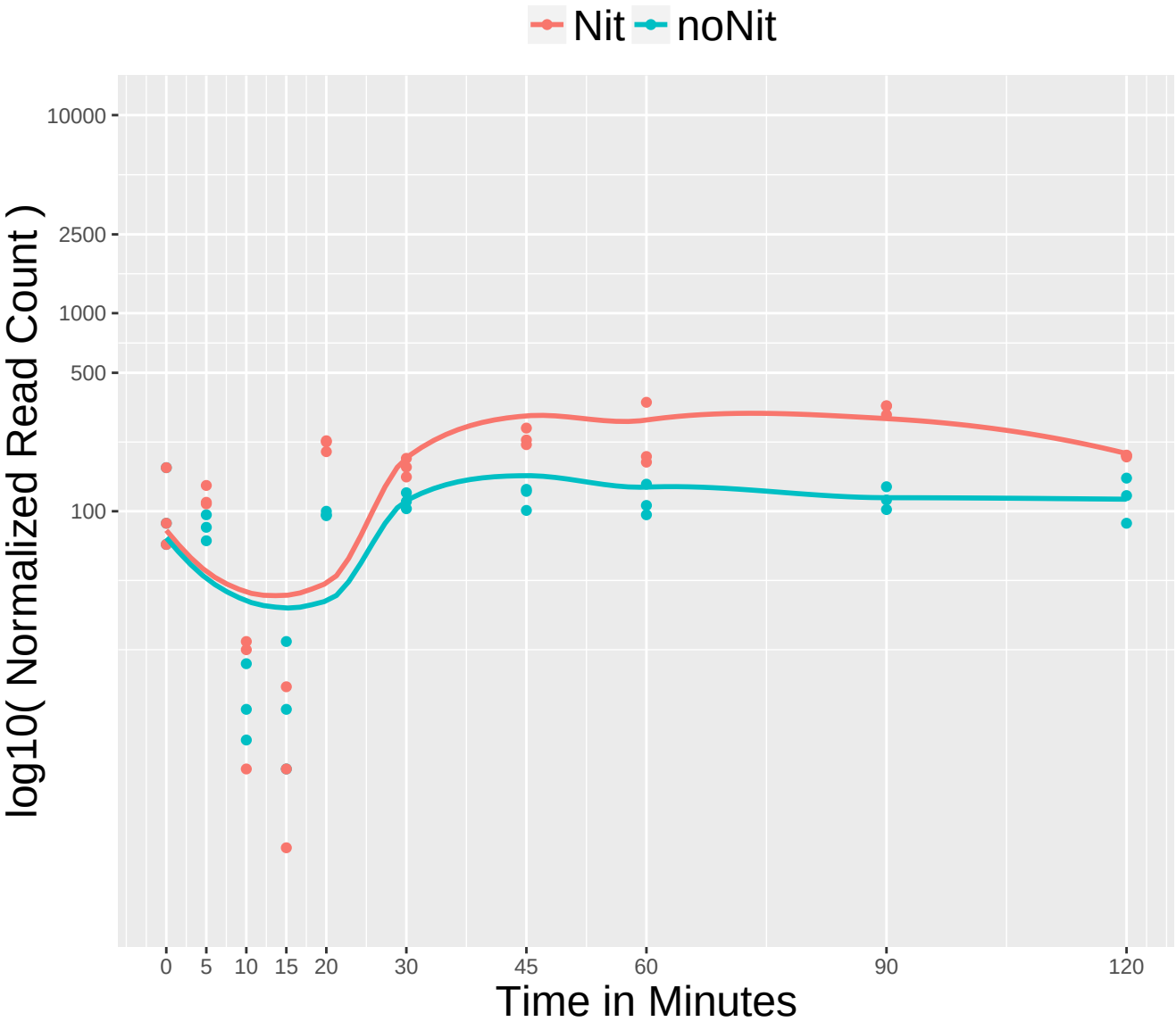
XTH7,xyloglucan



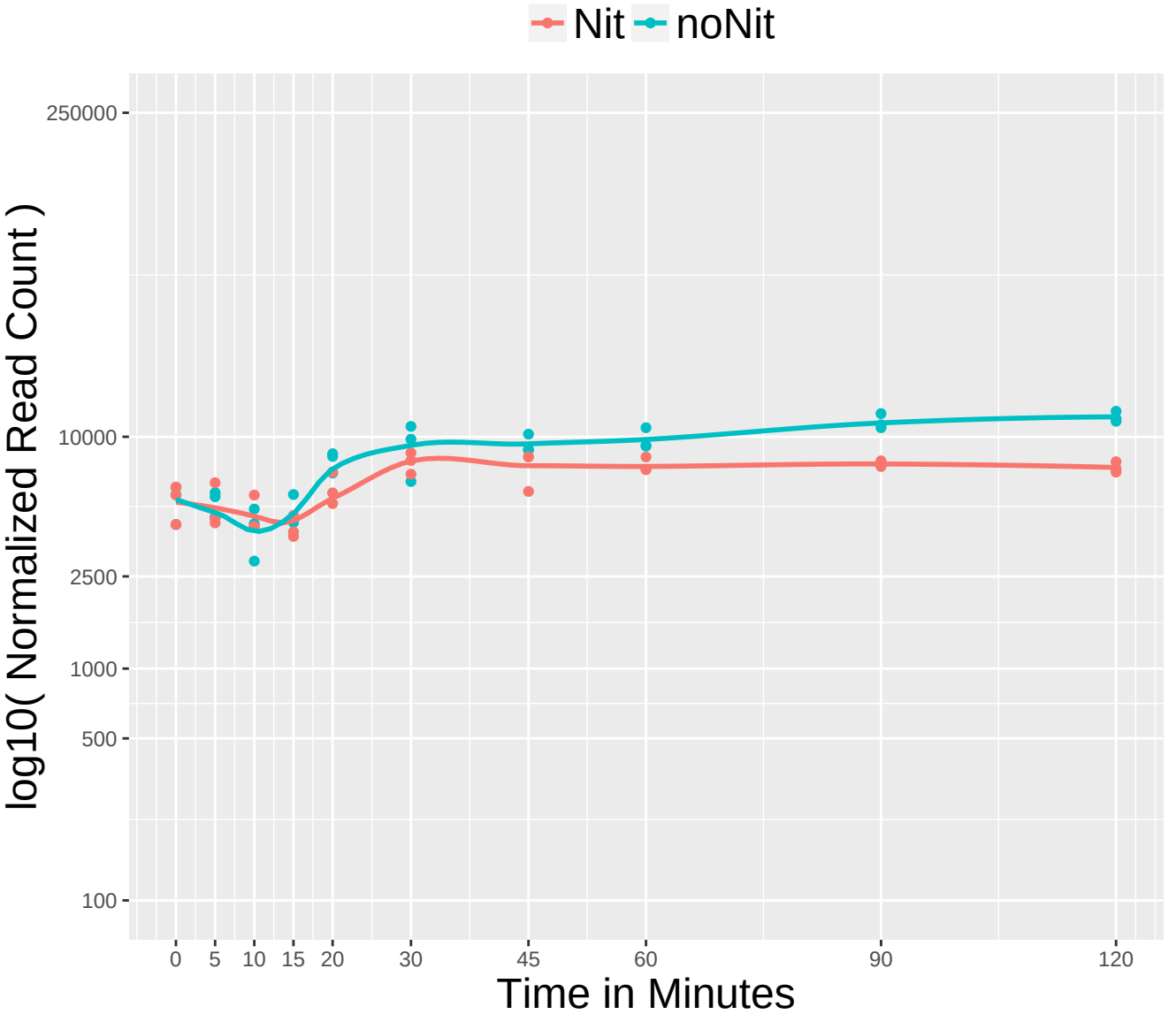
AT5G42840

Cysteine/Histidine−rich



AT5G63850

AAP4,amino



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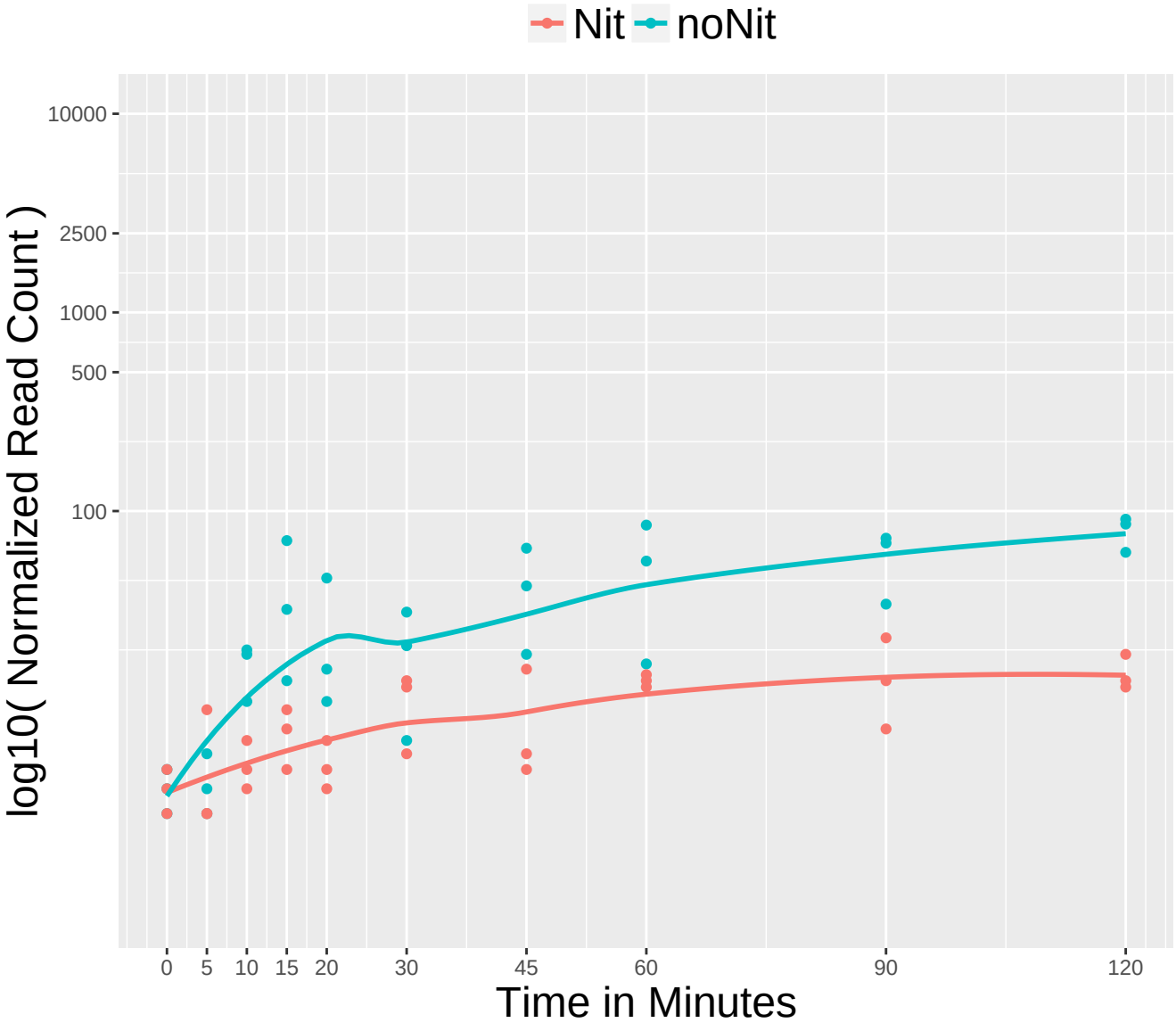
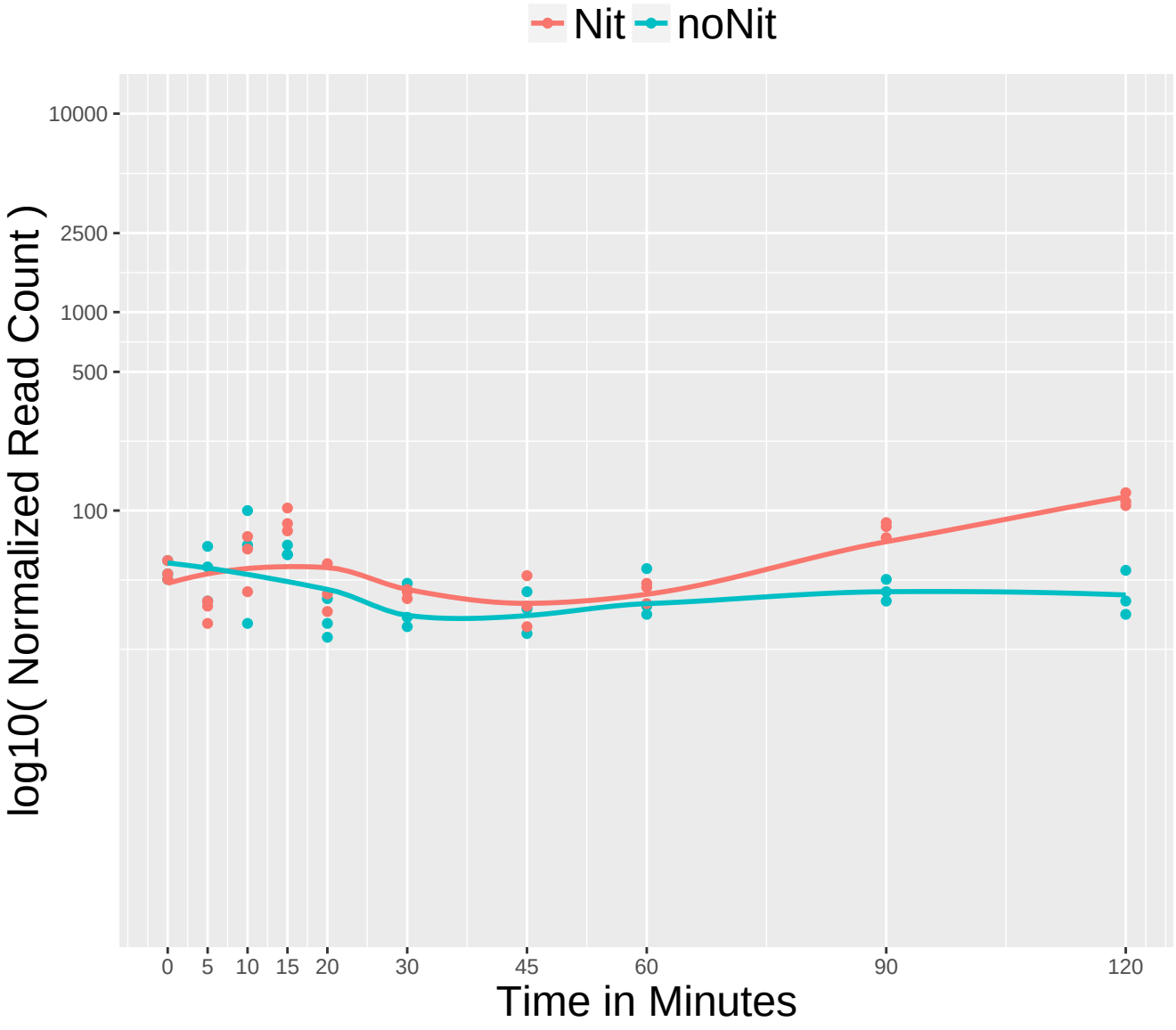
ACS5,ACC



AT1G05690

BT3,BTB



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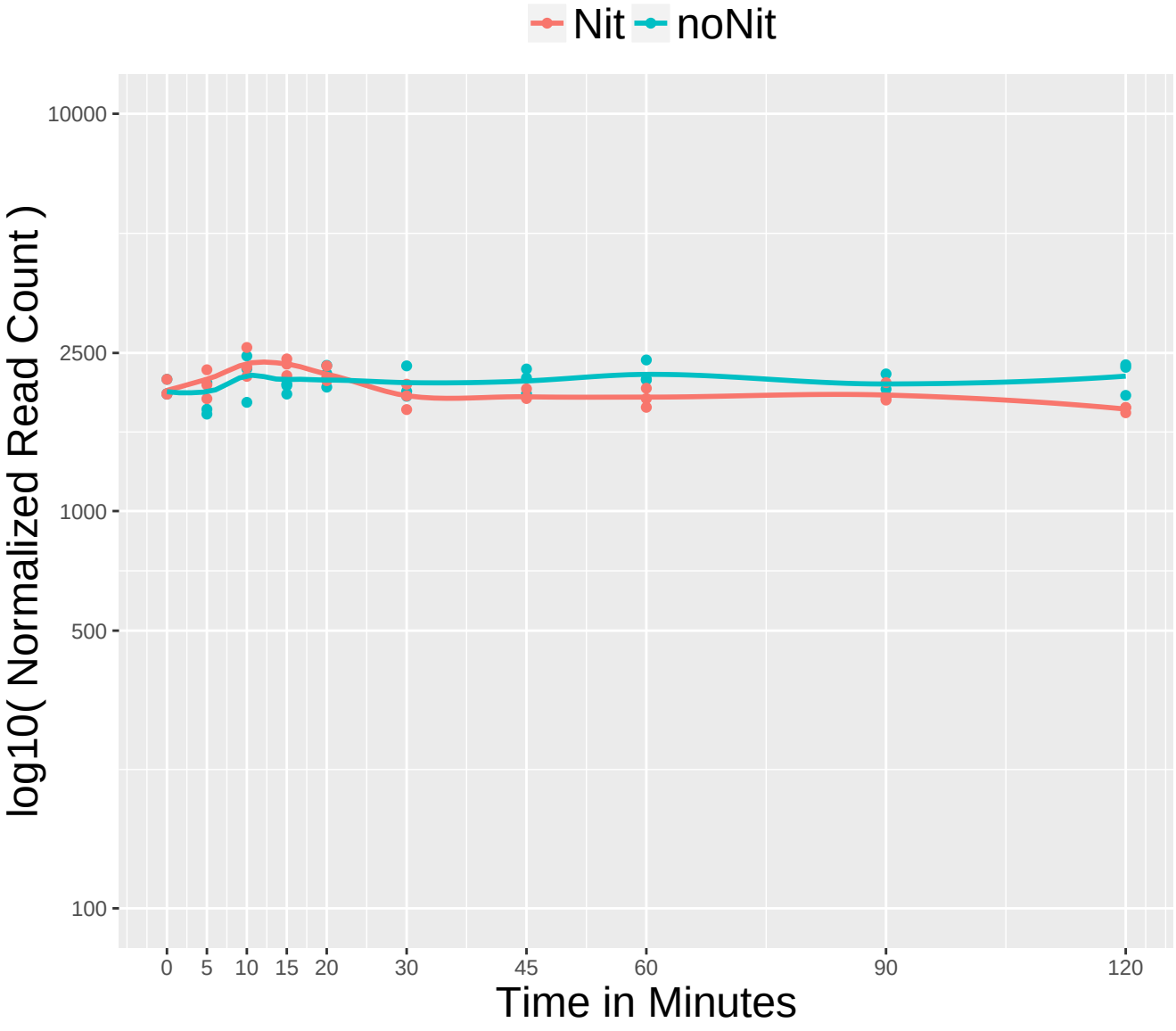
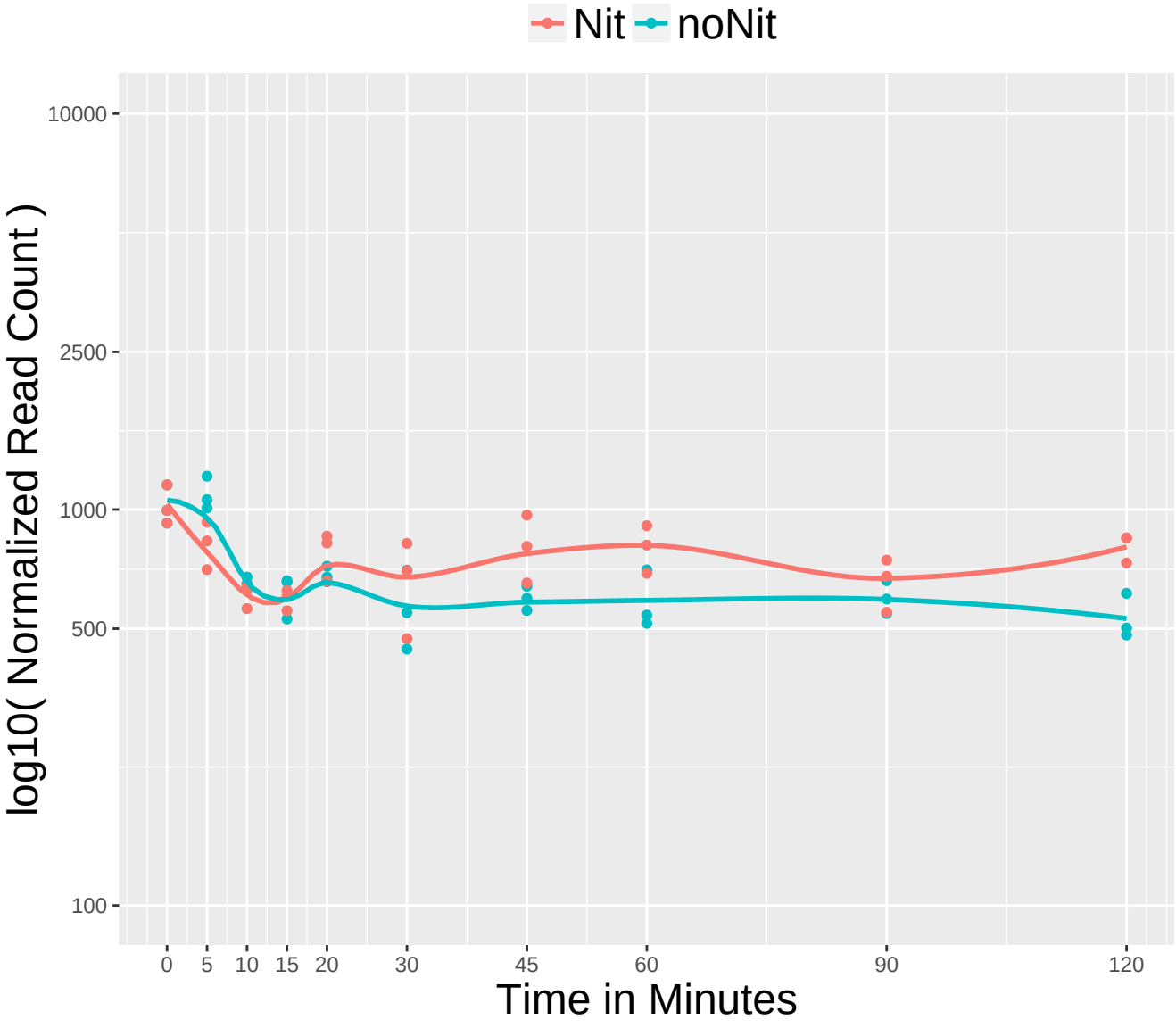
AGD14,ARF−GAP



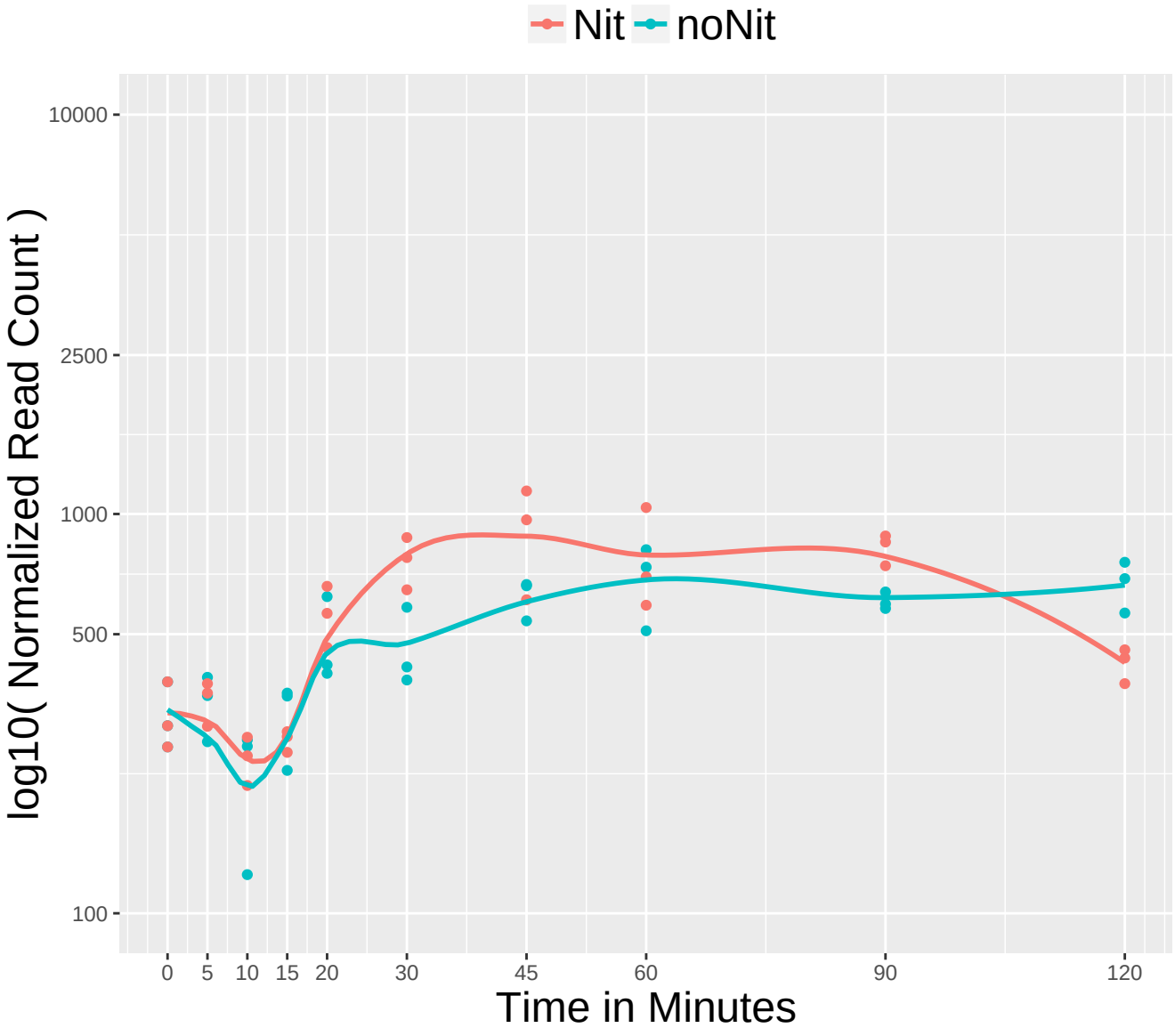
AT1G09230

RNA−binding



AT1G27180

disease



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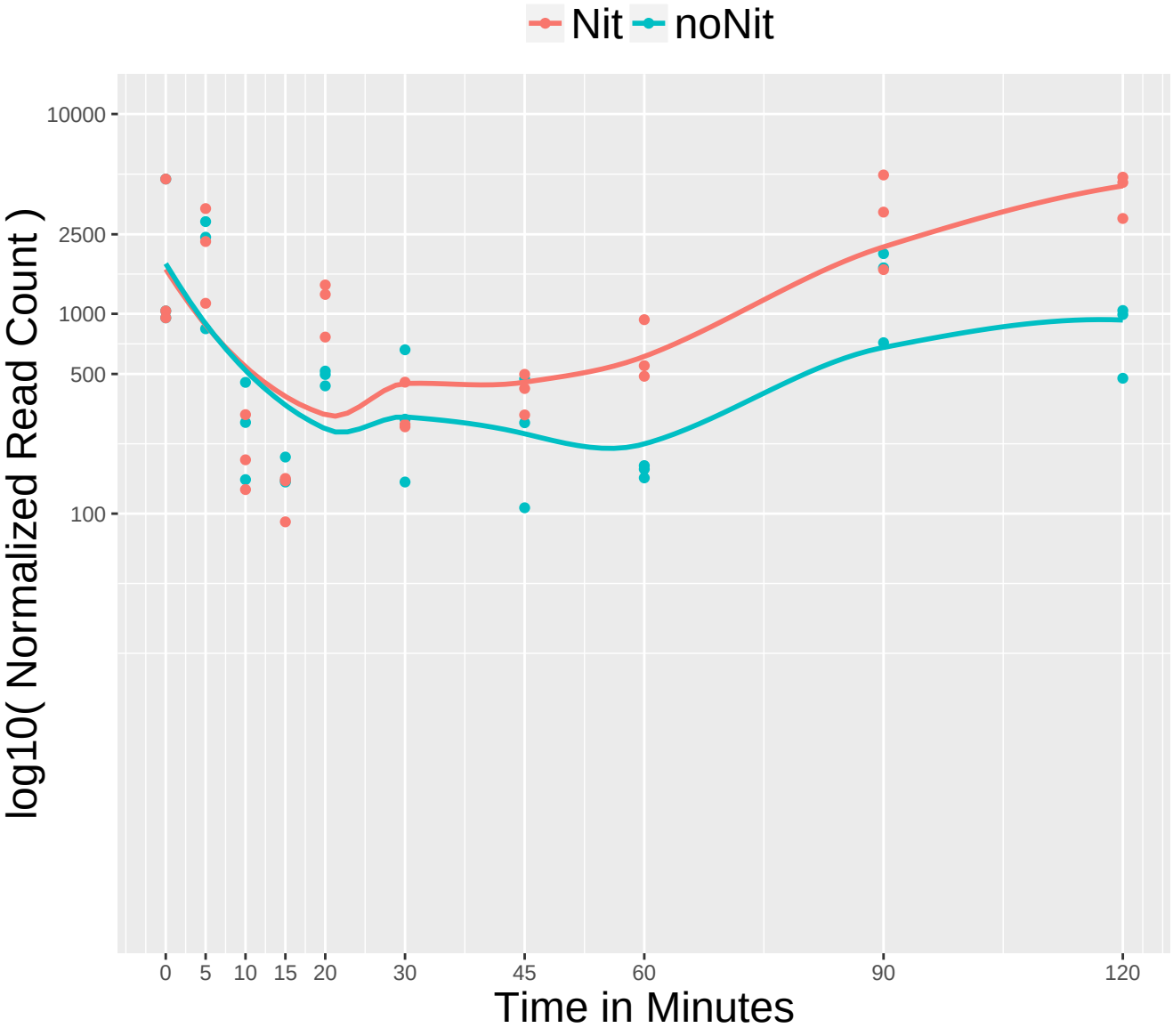
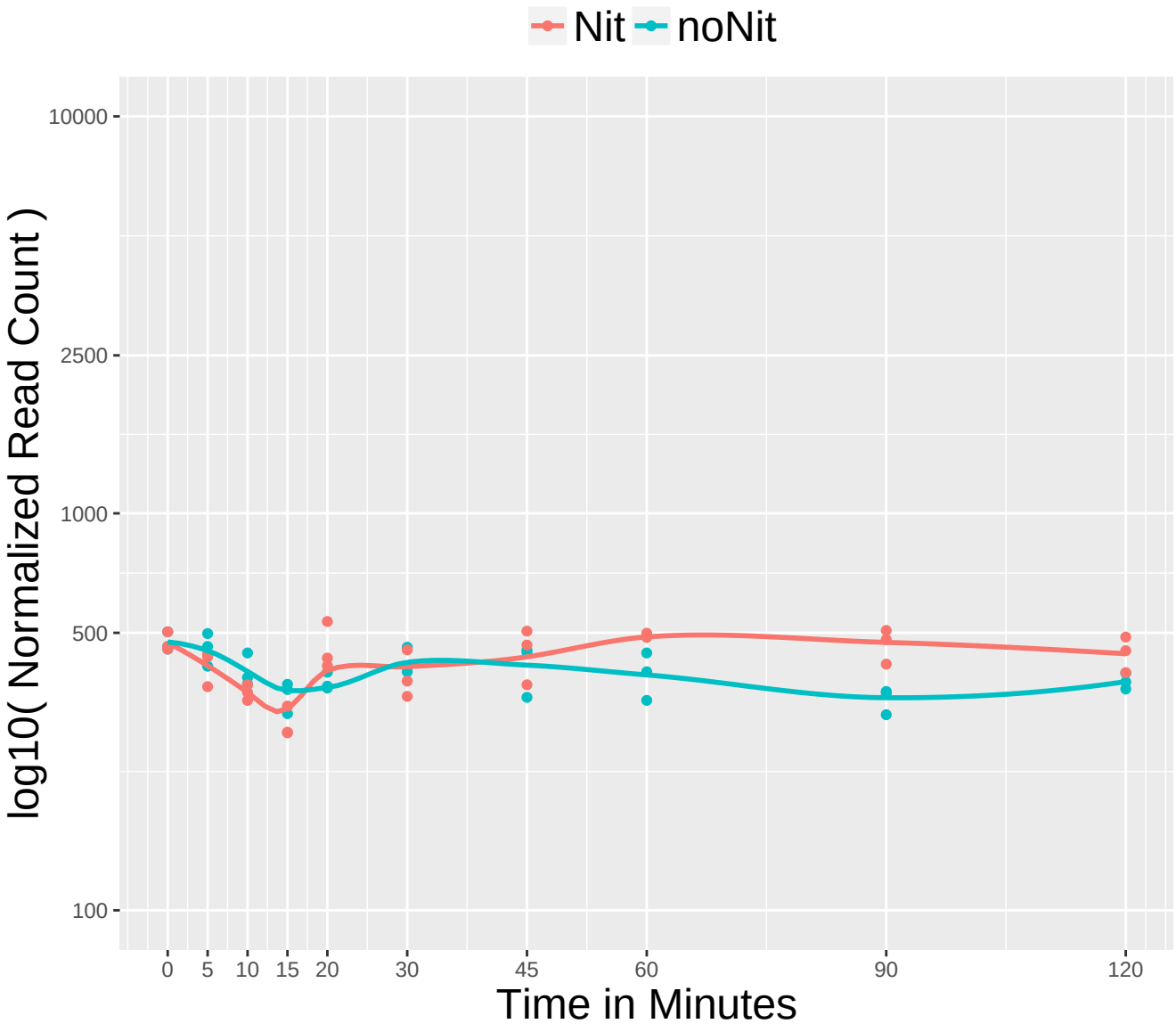

Nit
noNit
10000
2500
1000
500
100
log10(Normalized Read Count)
0
5
10
15
20
30
45
60
90
120
Time in Minutes

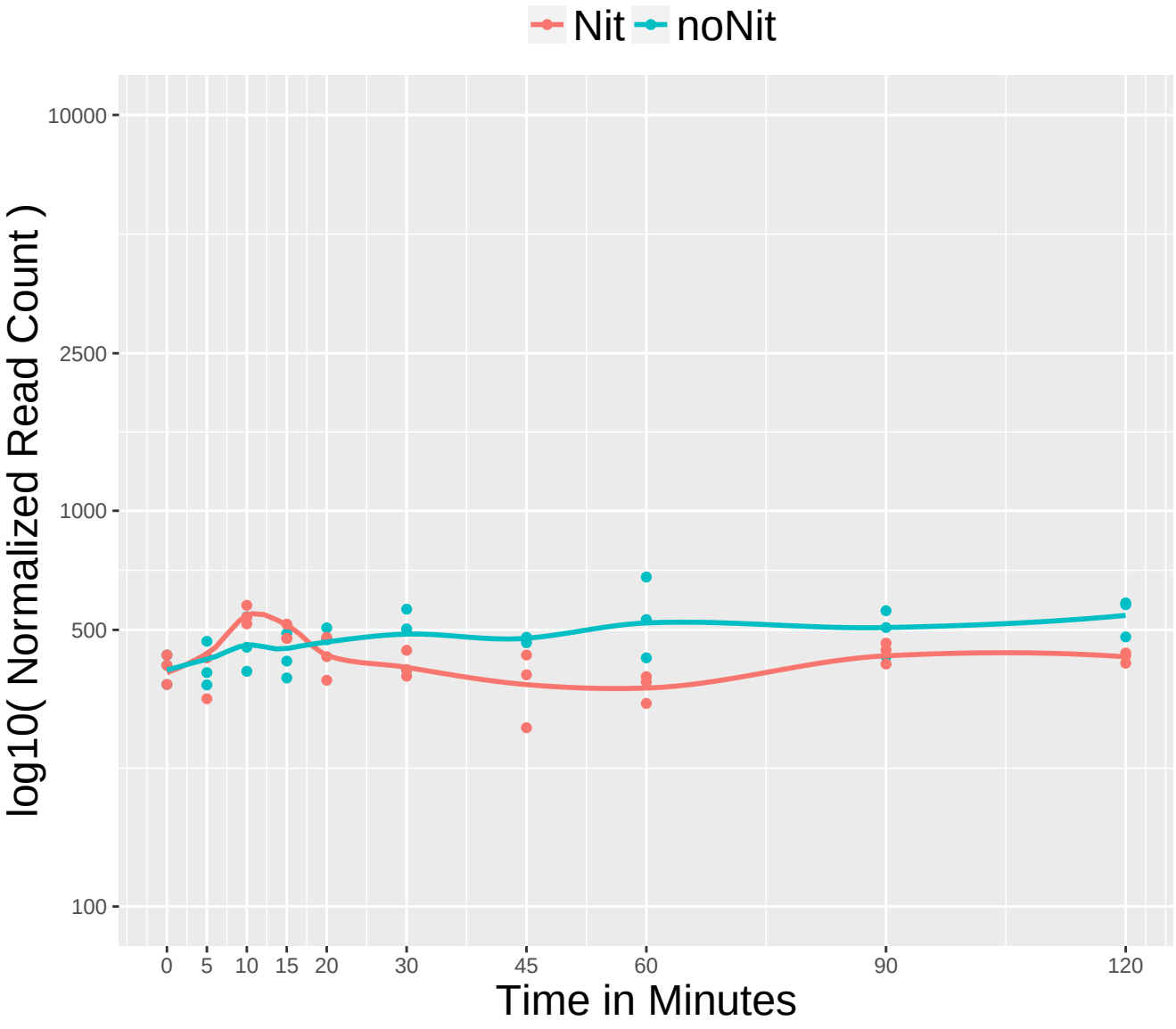
AT1G51965

ABO5,ABA



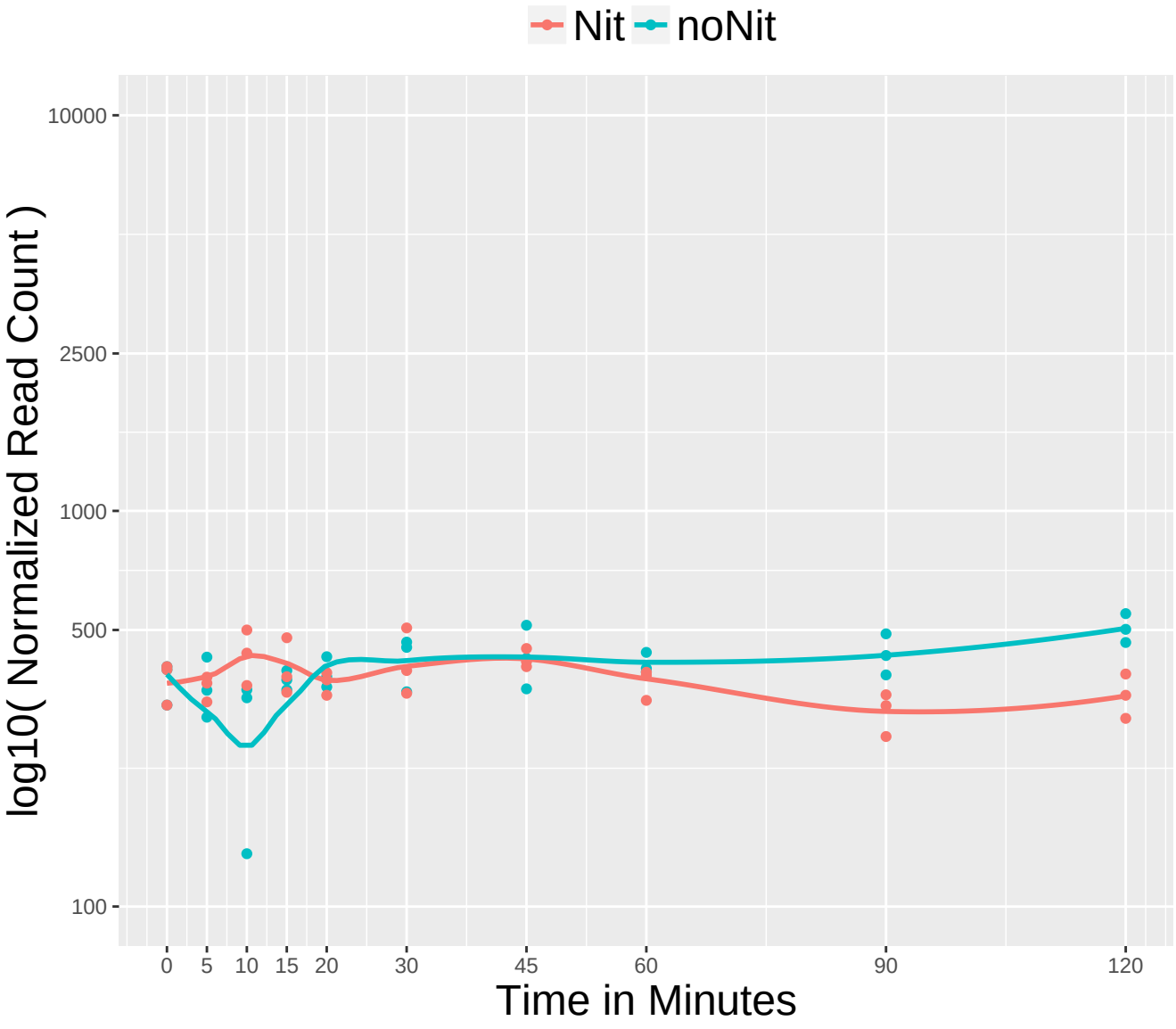
AT1G64960

HEB1,hypersensitive



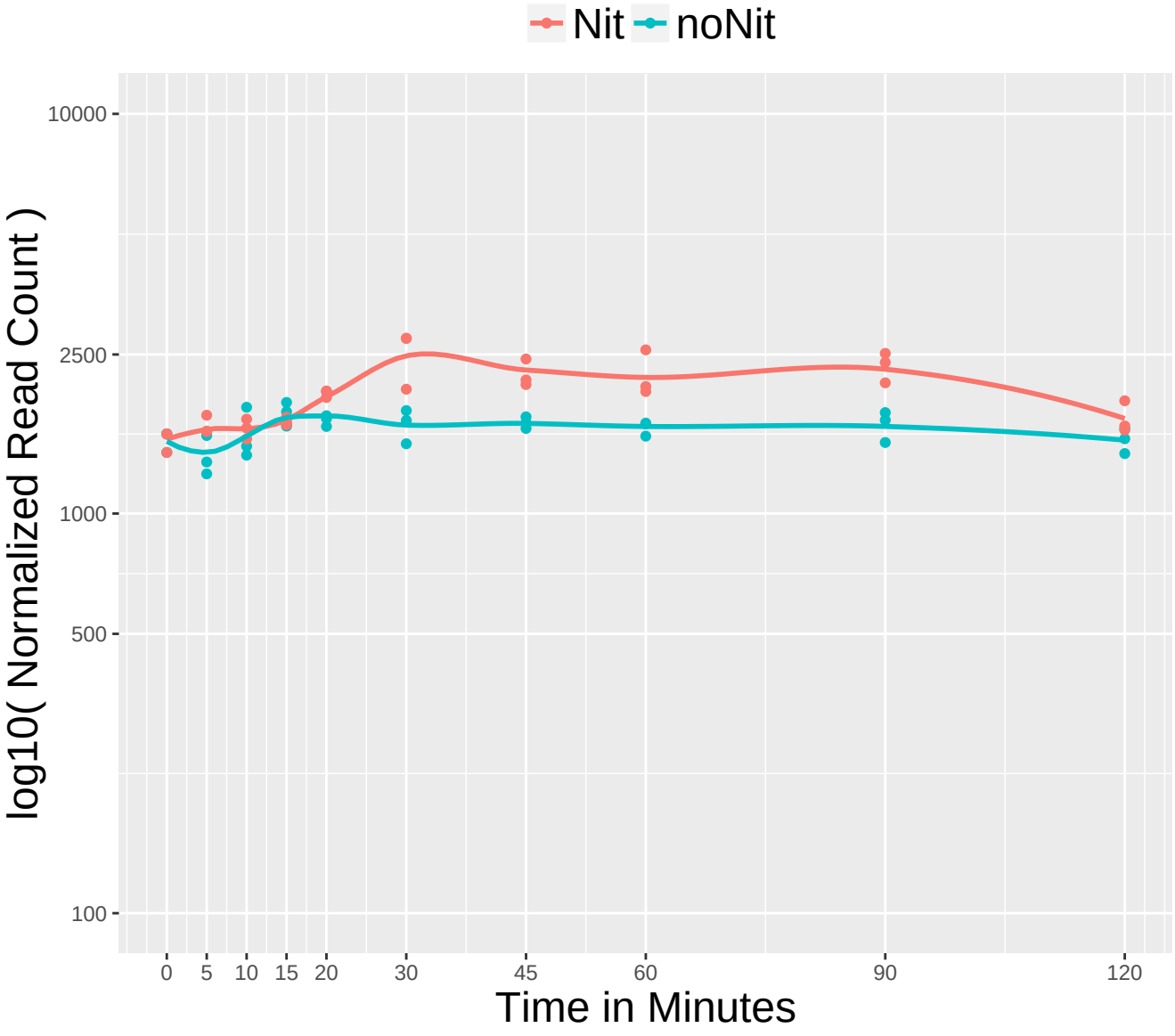
AT1G67950

RNA−binding



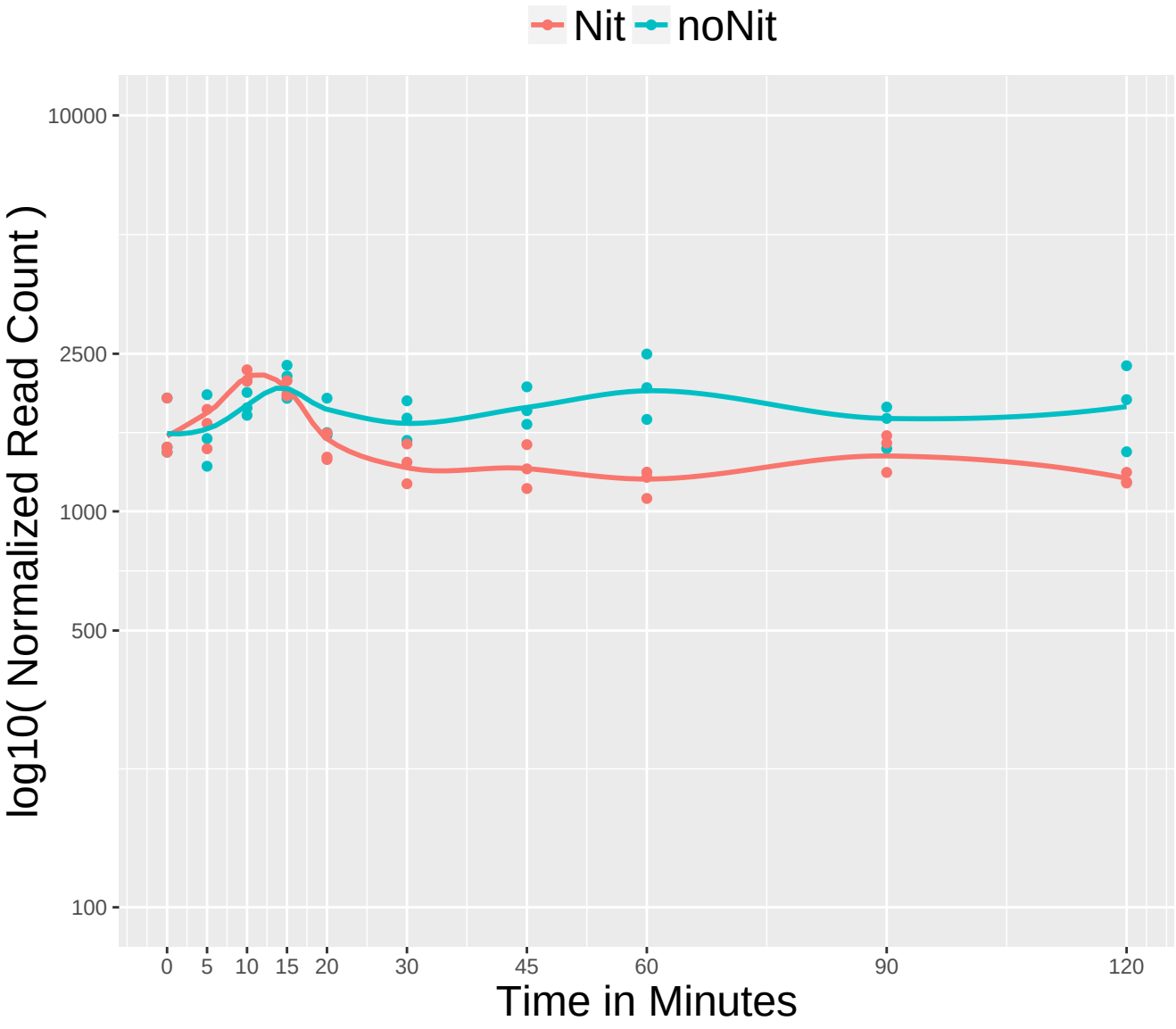
AT1G68070

Zinc



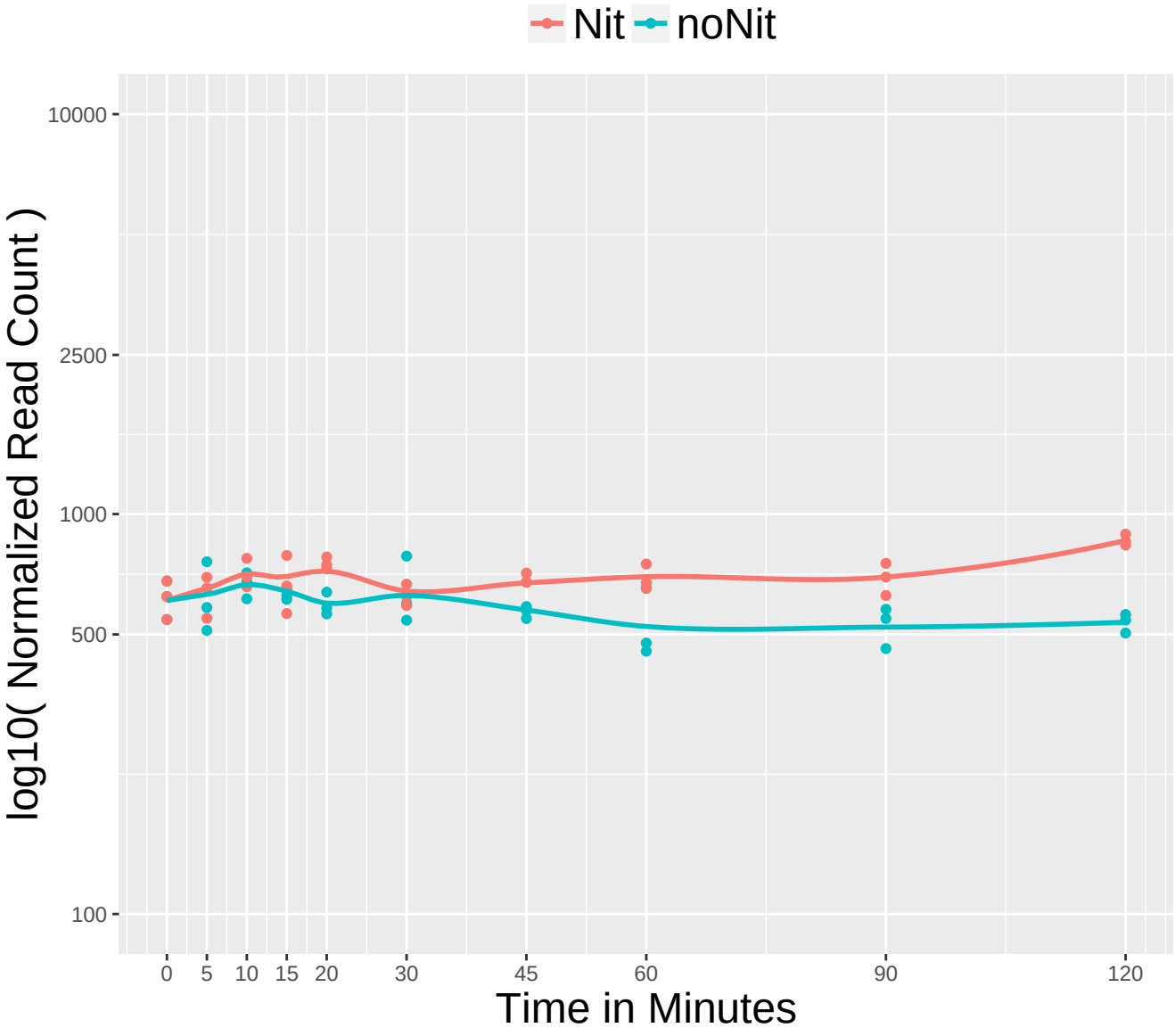
AT2G19710

Regulator



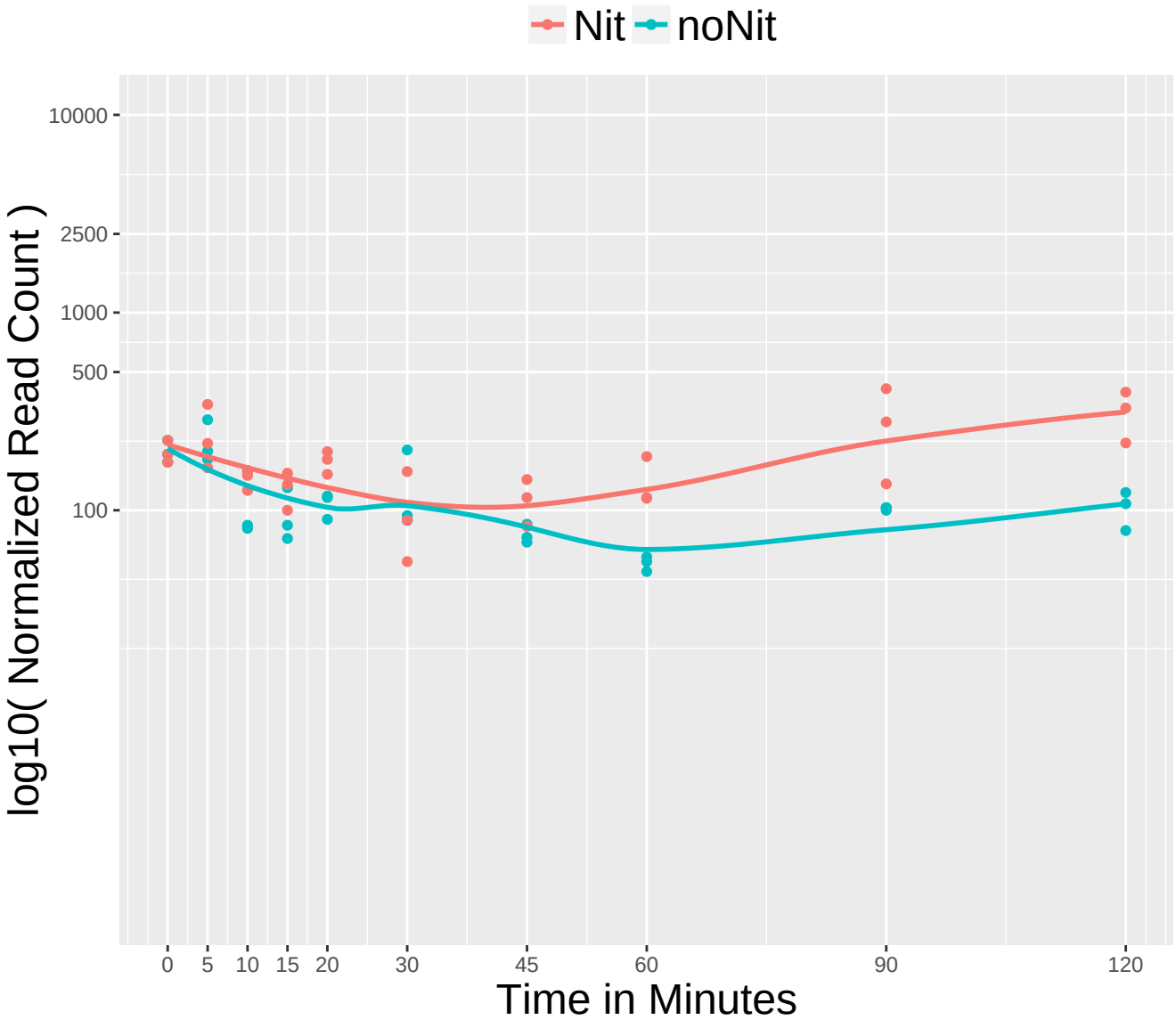
AT2G19870

tRNA/rRNA



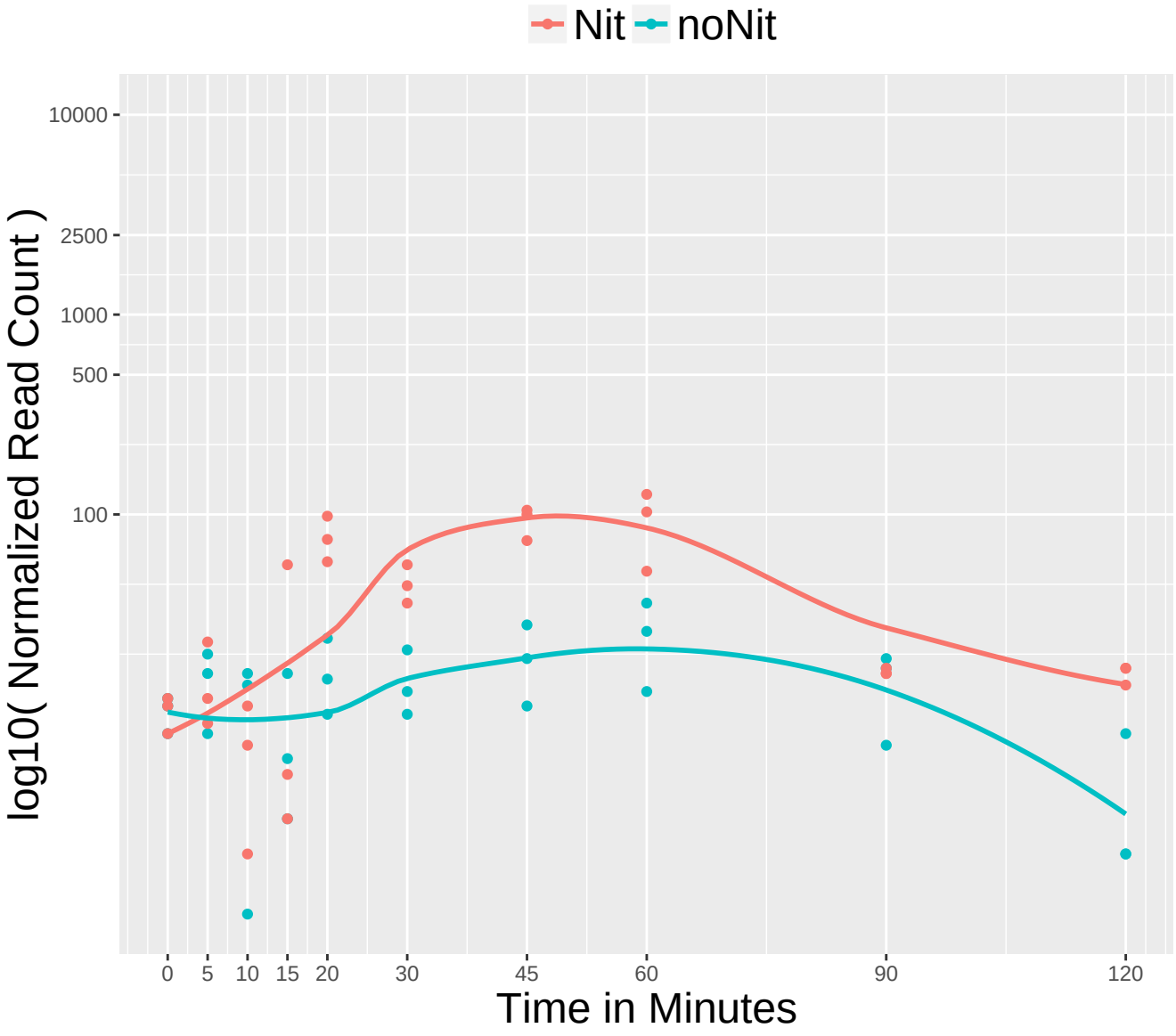
AT2G28630

KCS12,3−ketoacyl−CoA



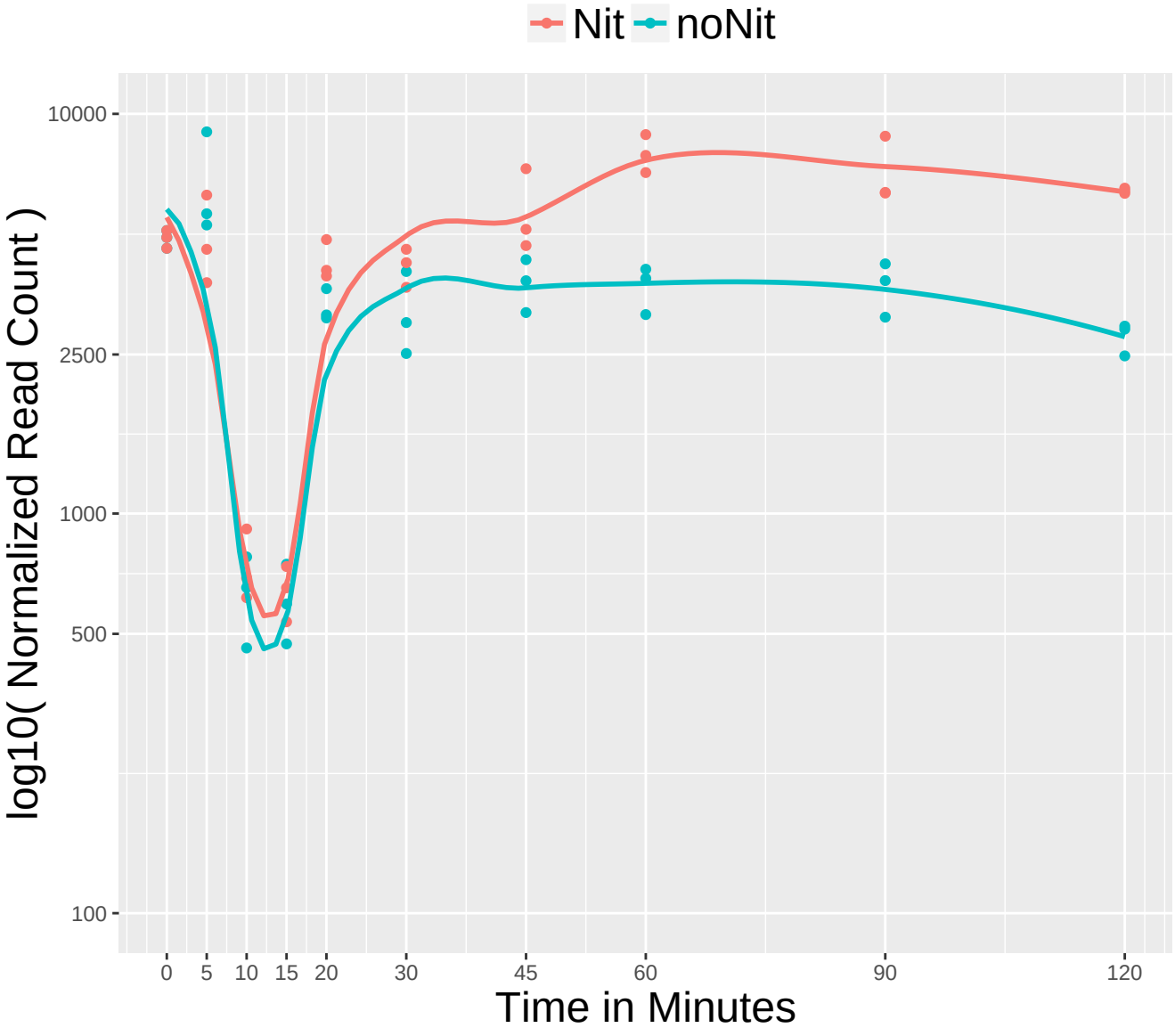
AT2G40925

F−box



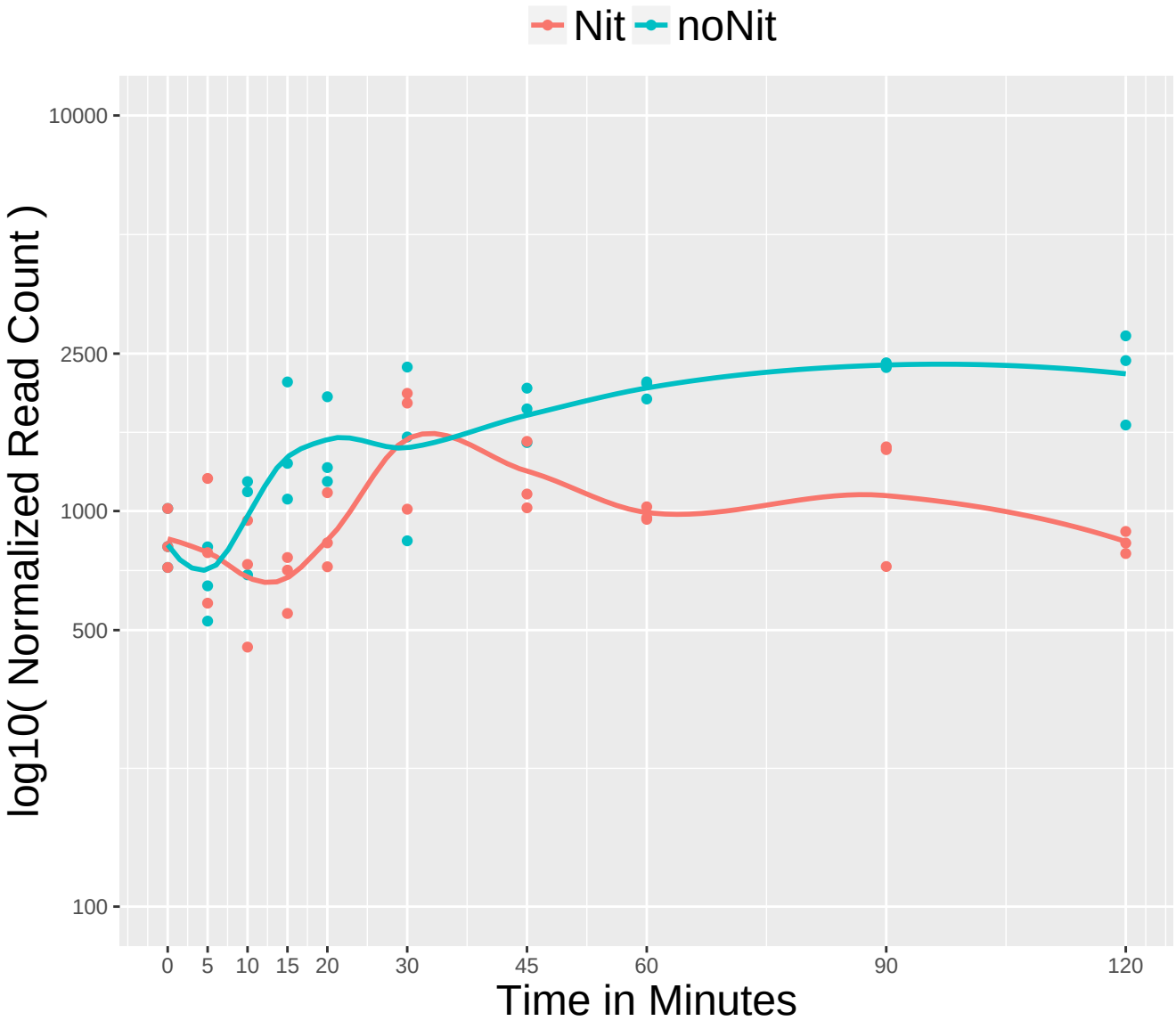
AT2G44670

Protein



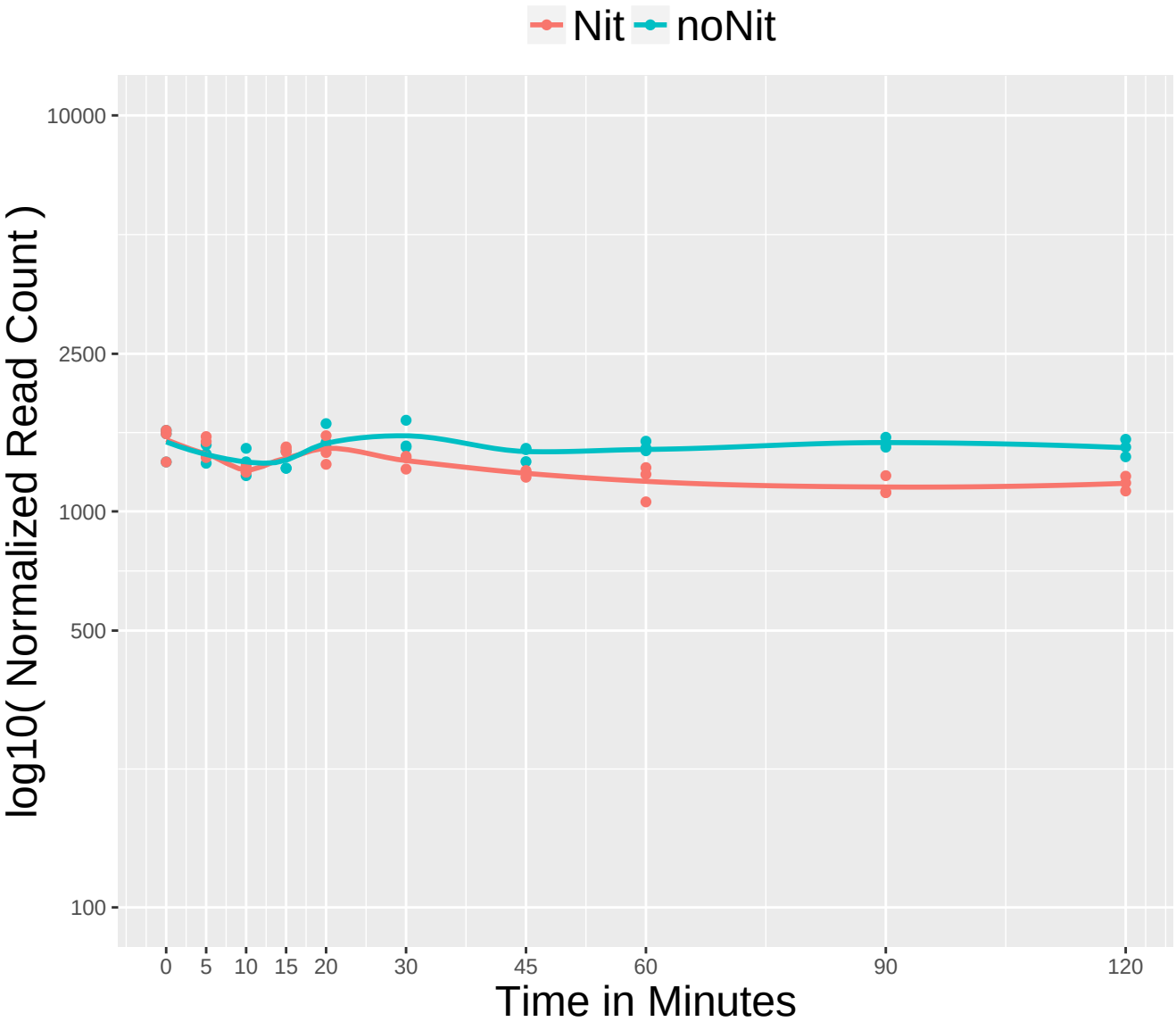
AT3G03530

NPC4,non−specific



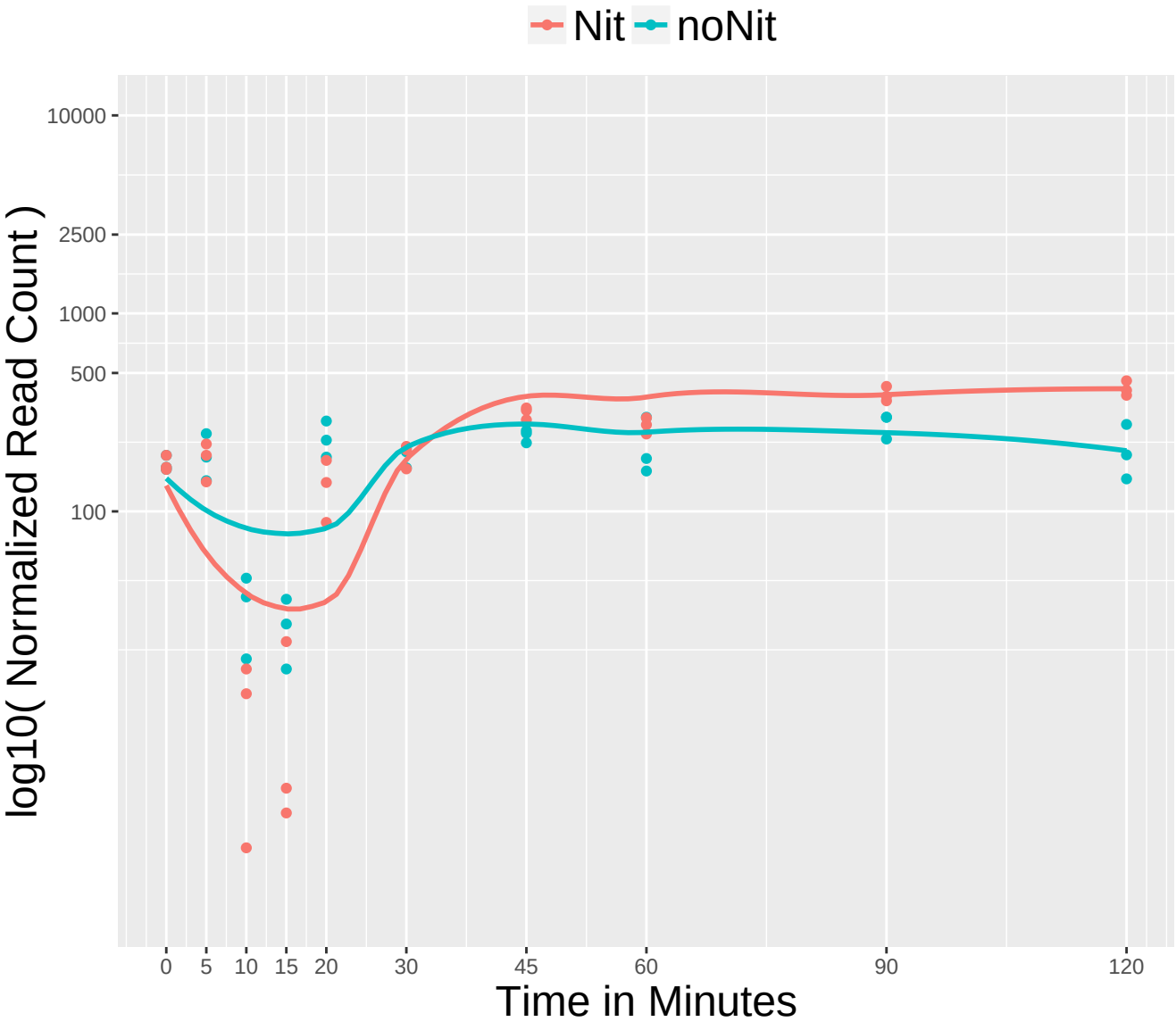
AT3G24040

Core−2/I−branching



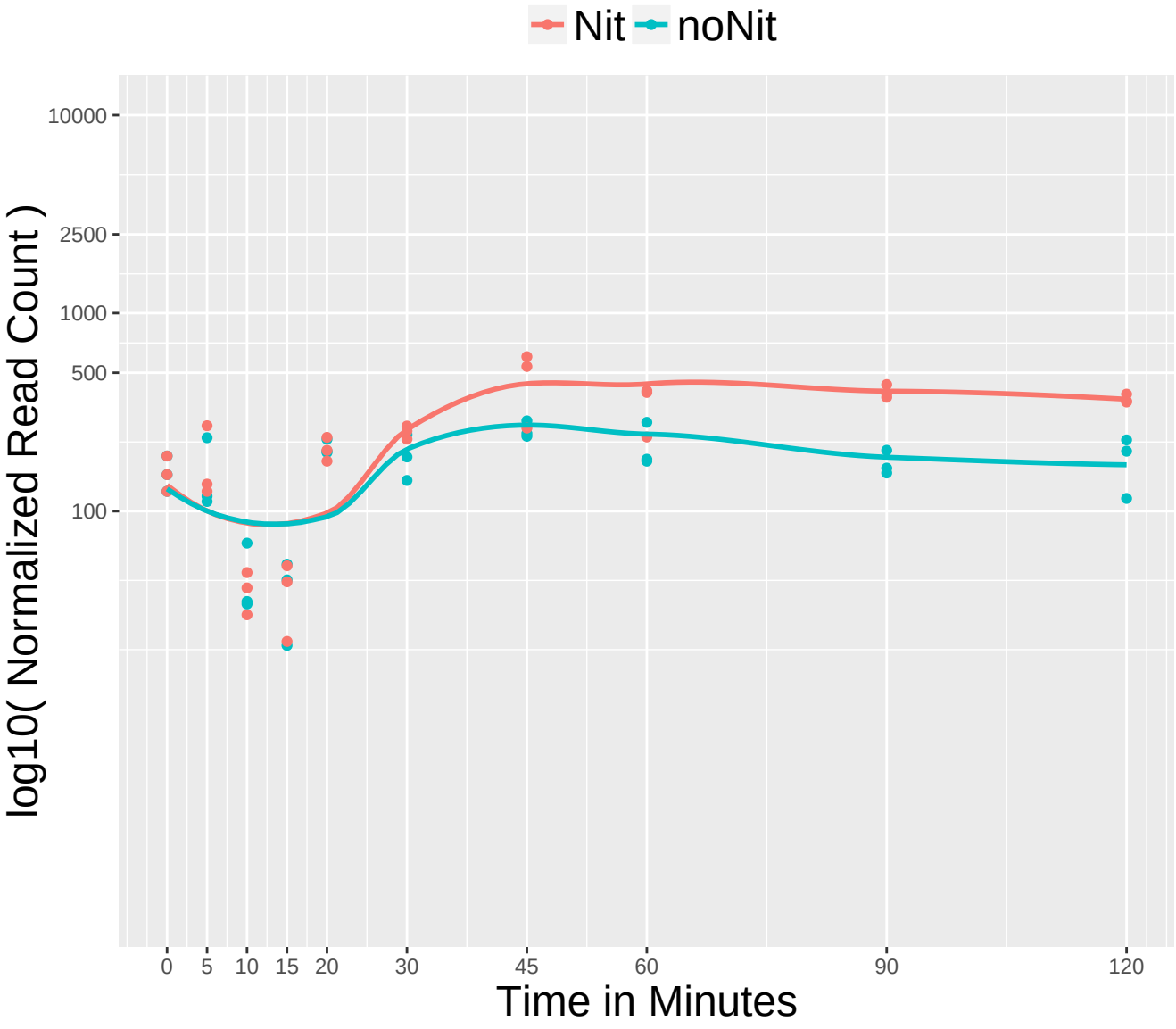
AT3G50470

HR3,homolog



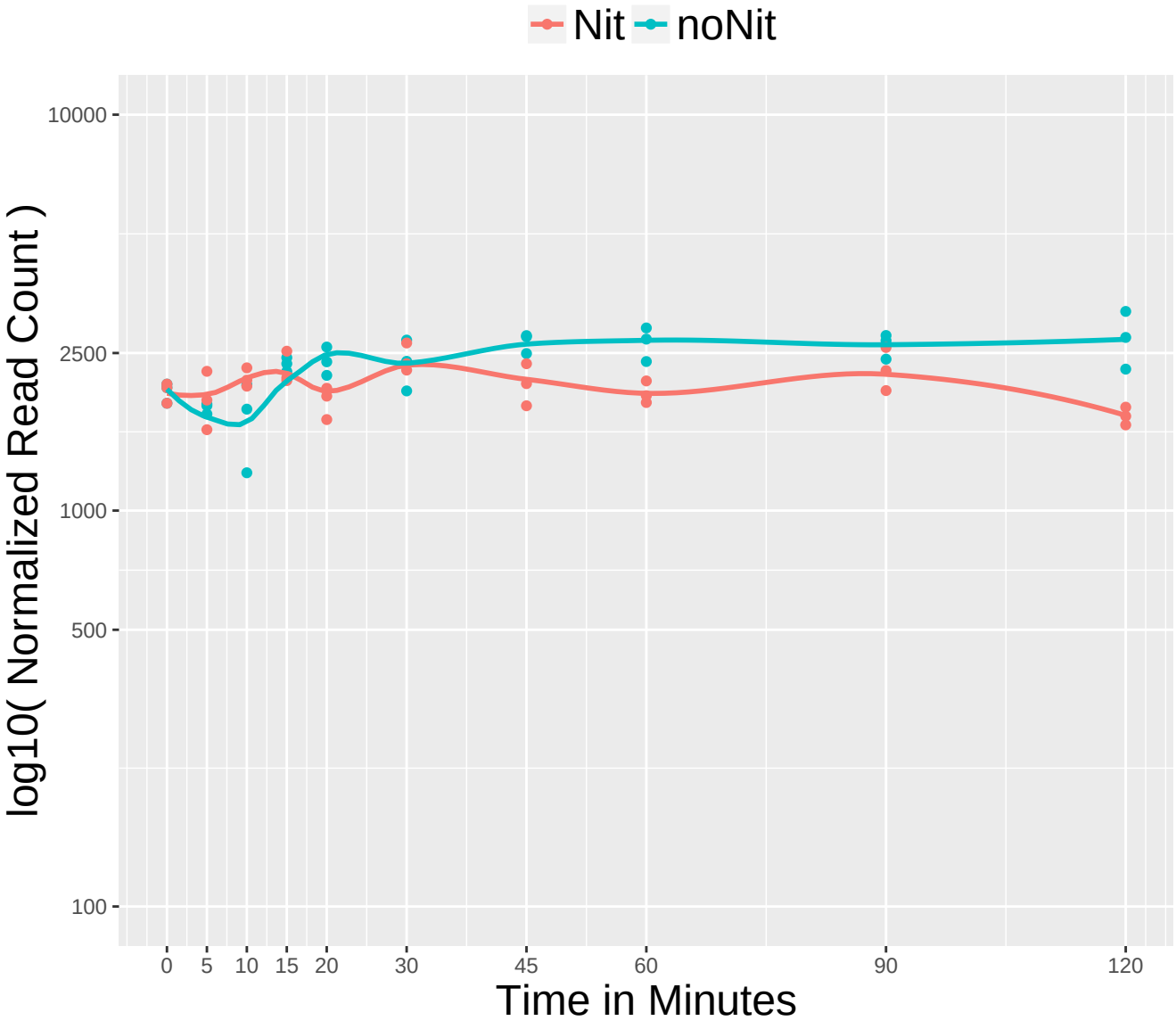
AT4G03470

Ankyrin



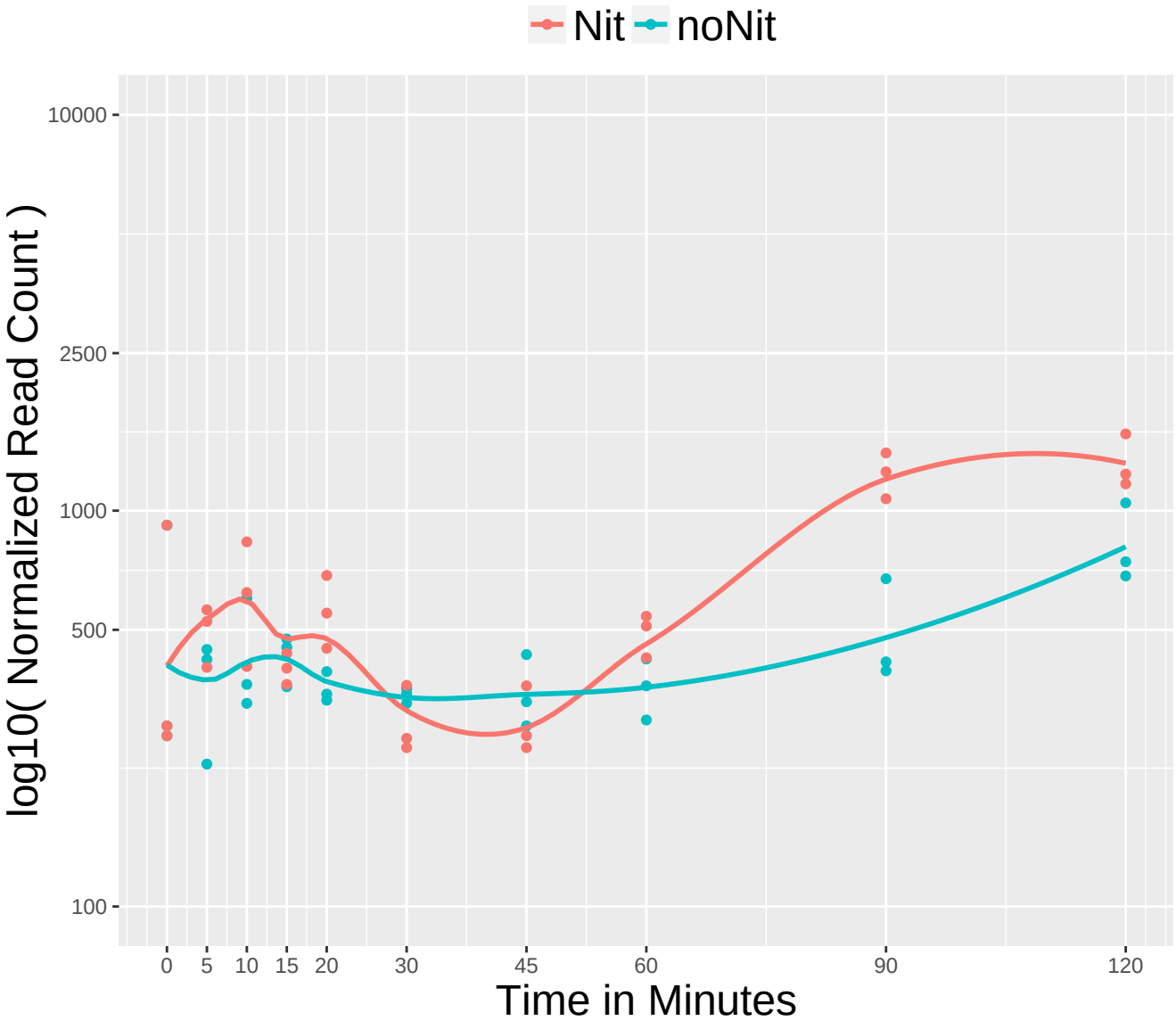
AT4G29220

PFK1,phosphofructokinase



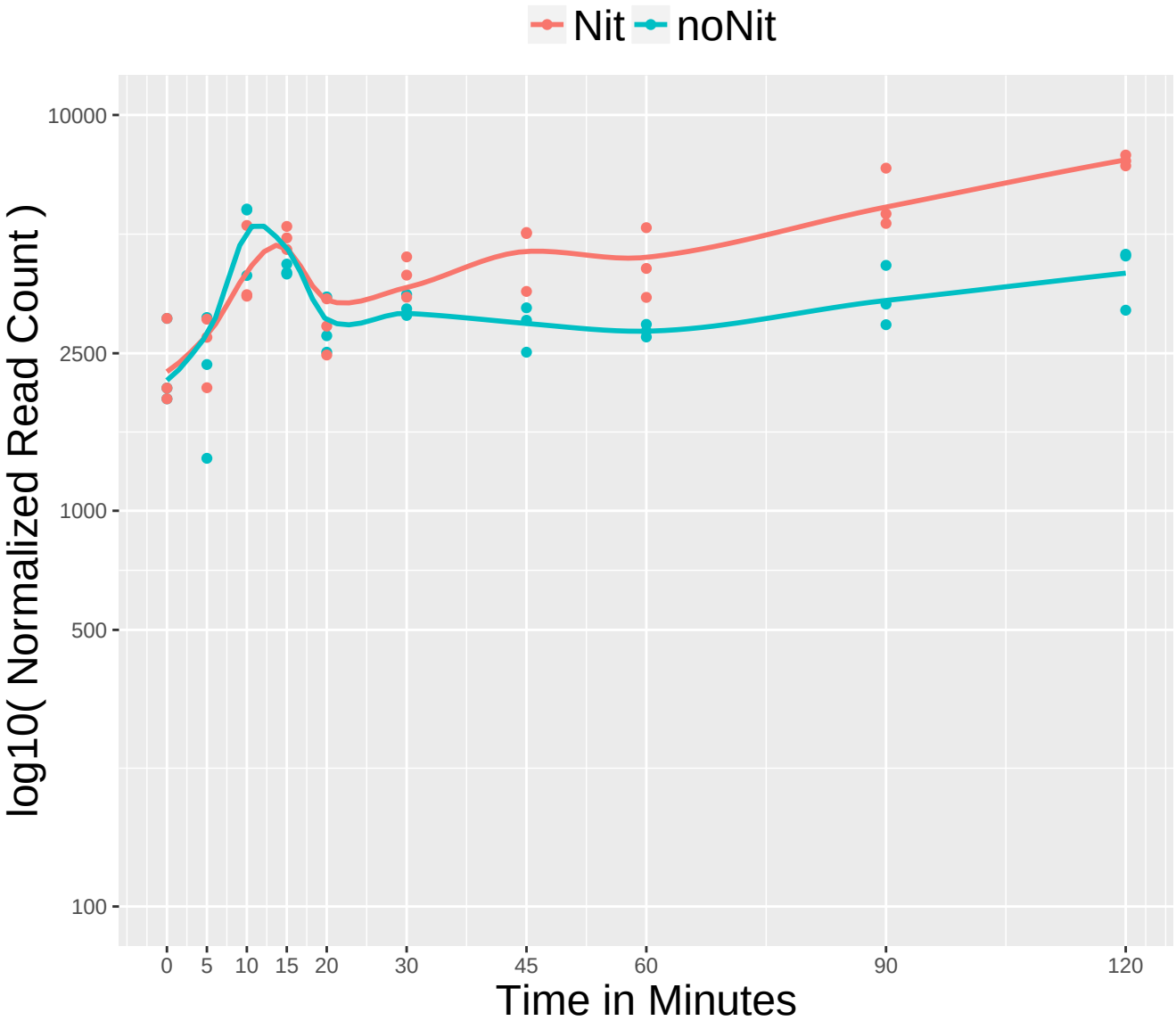
AT4G34950

Major



AT1G03230

Eukaryotic



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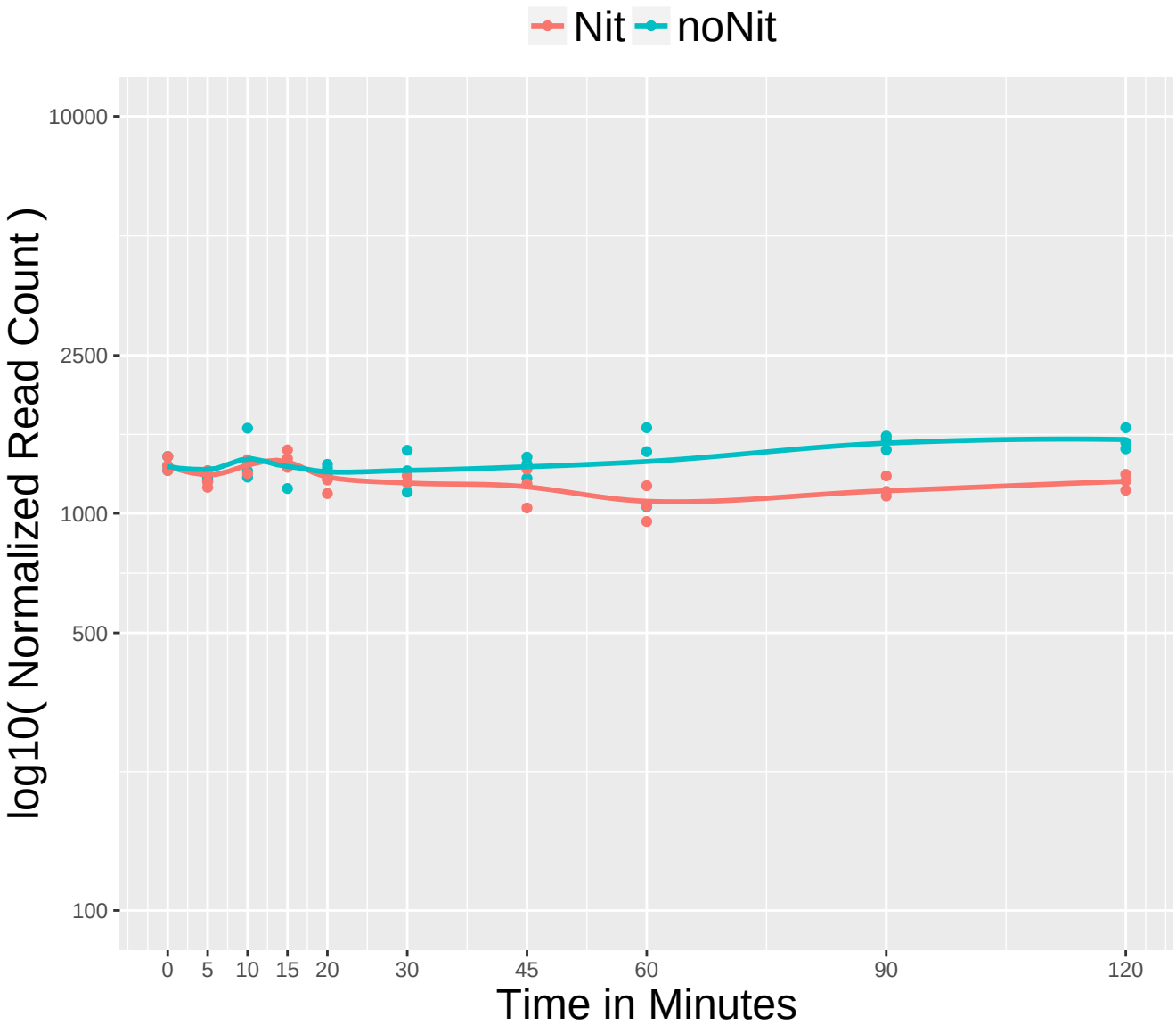
IQD28,IQ−domain



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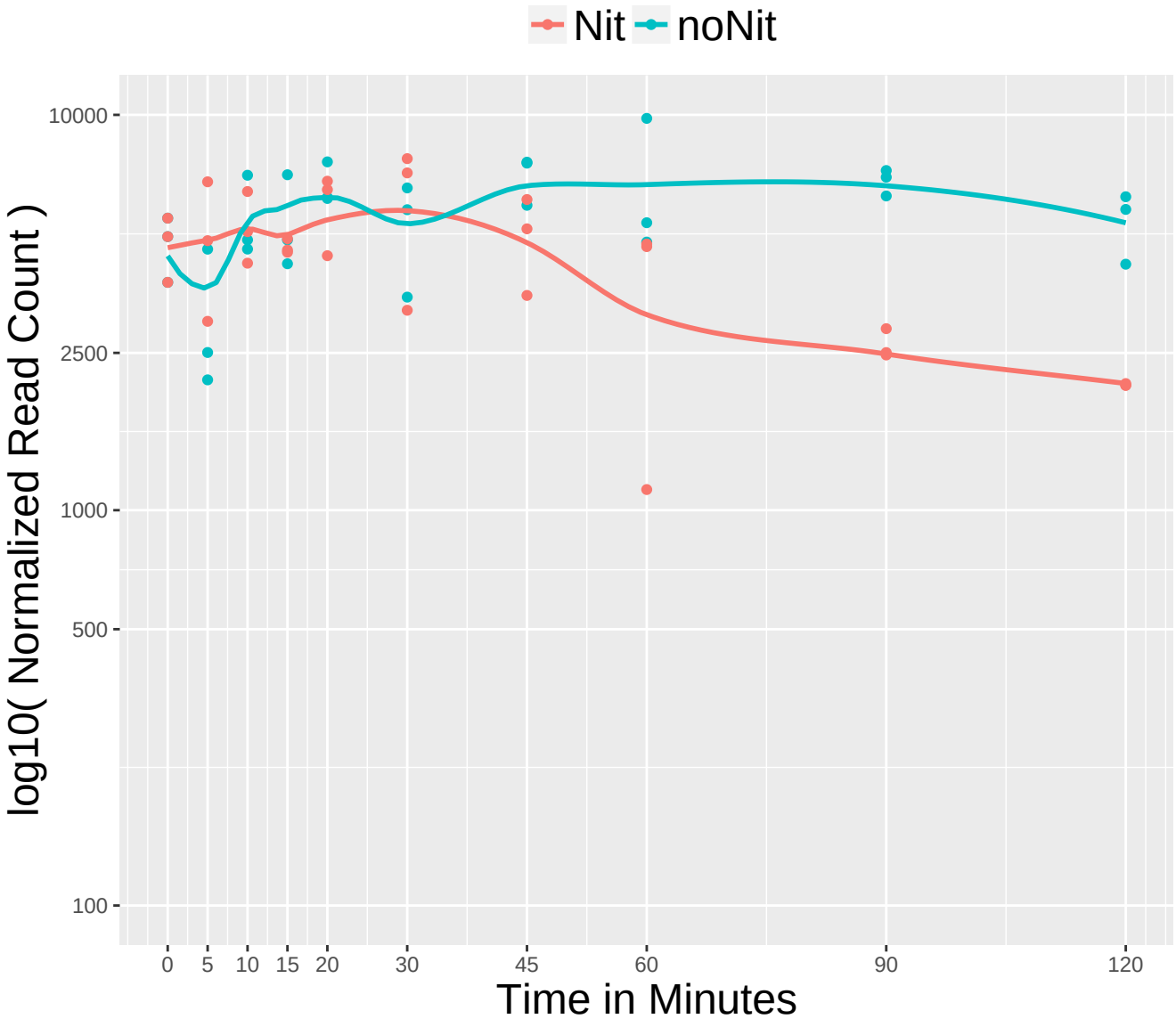
UMAMIT19,Usually



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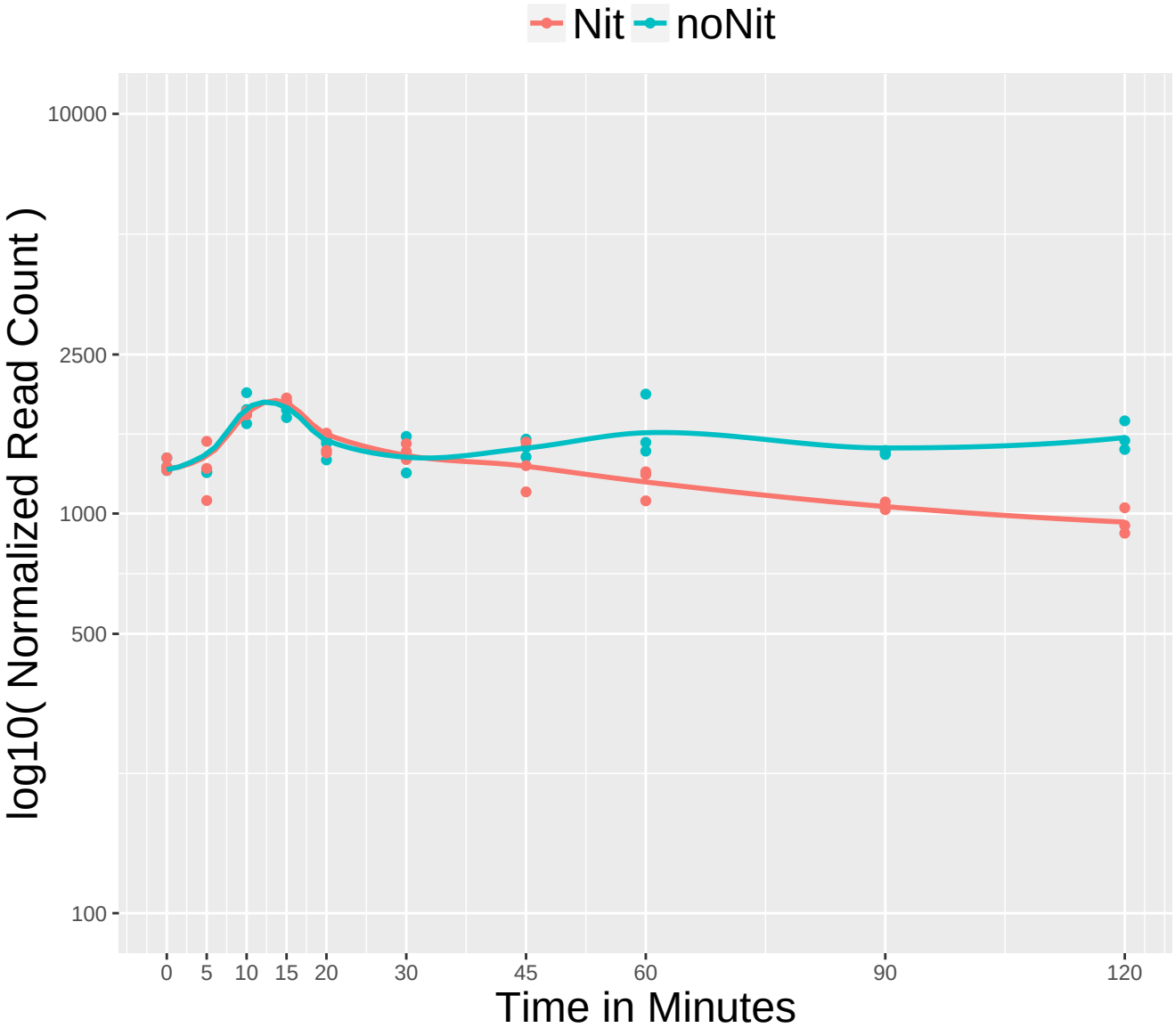
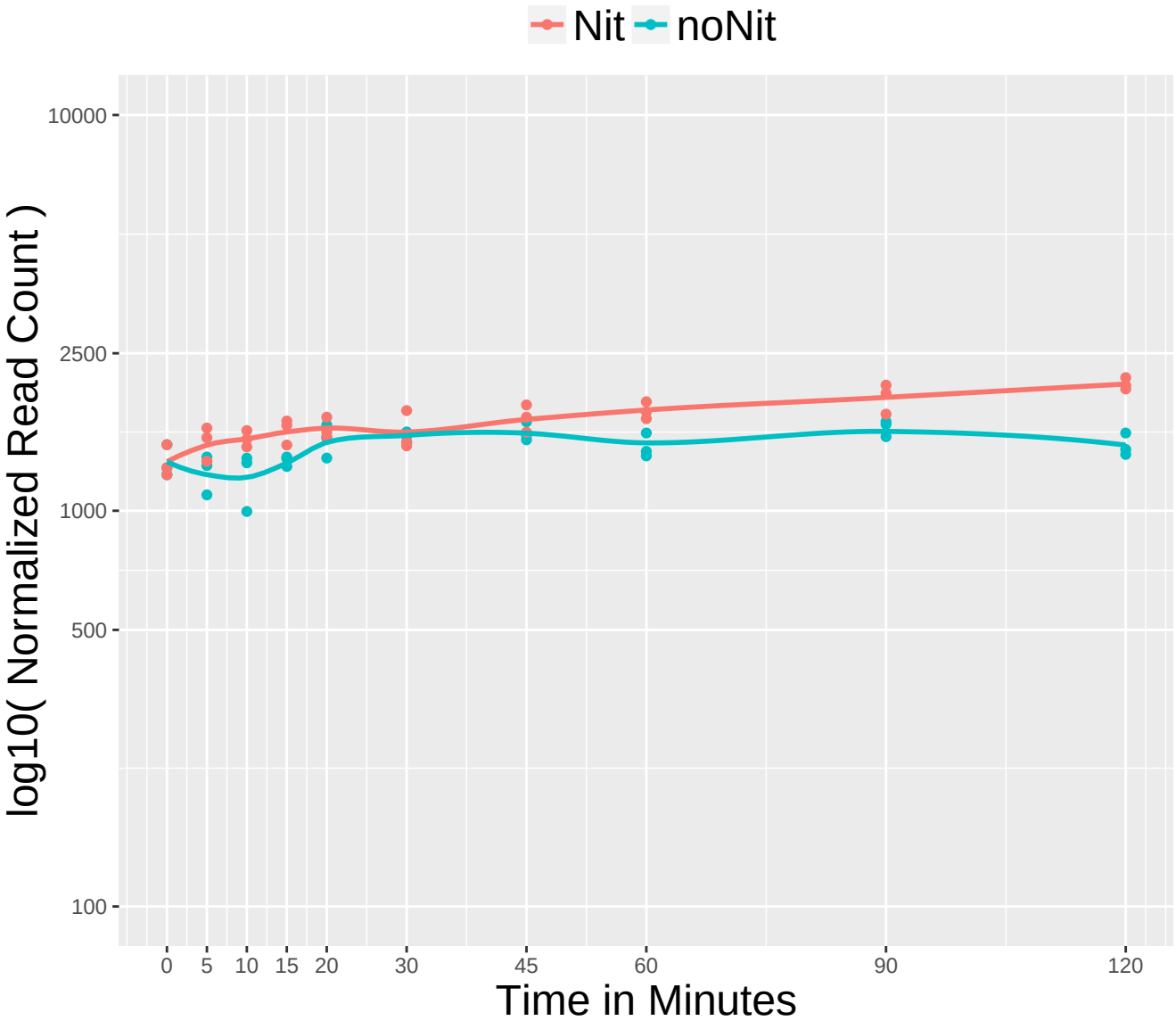
Protein



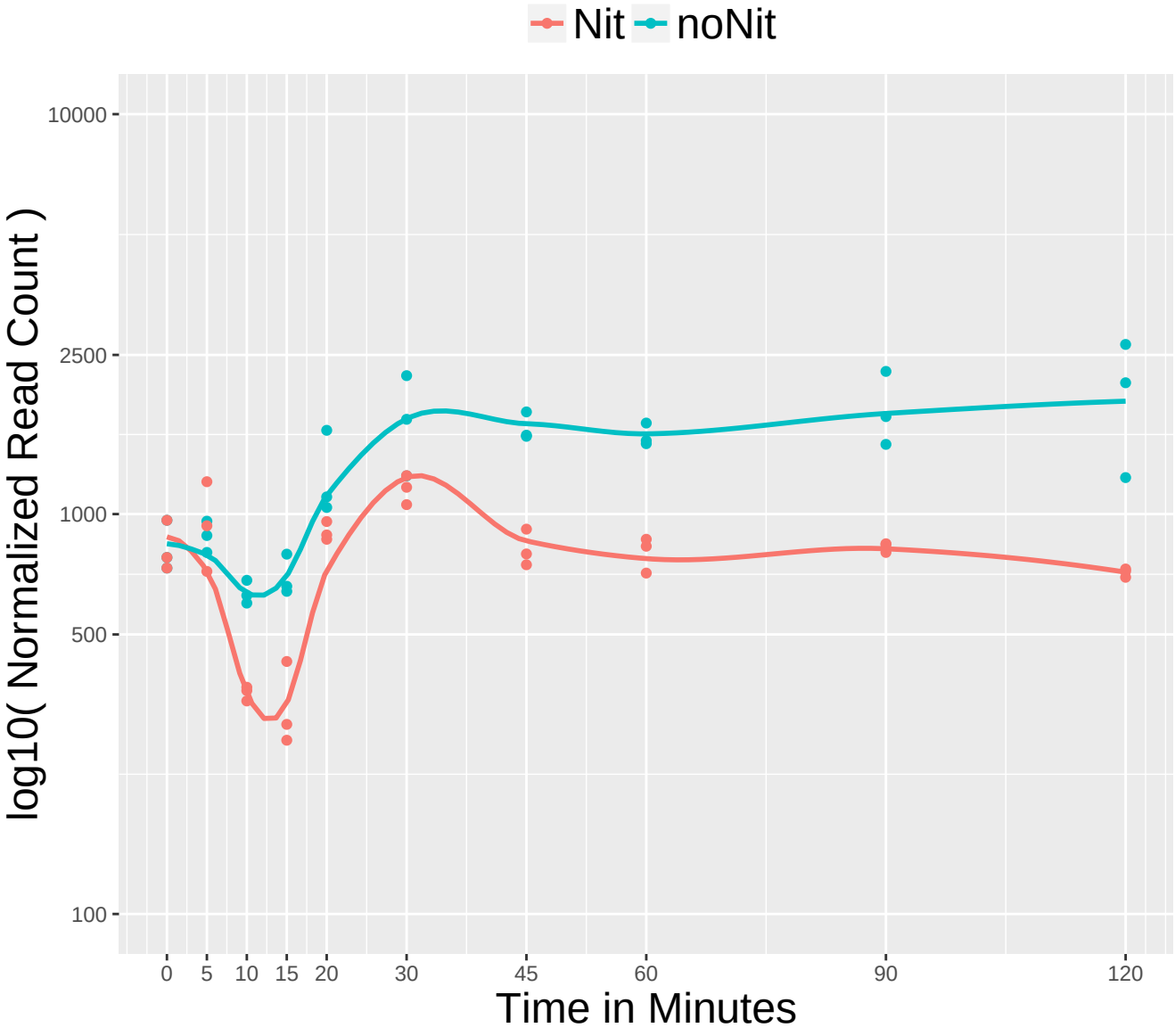
AT1G36310

S−adenosyl−L−methionine−dependent



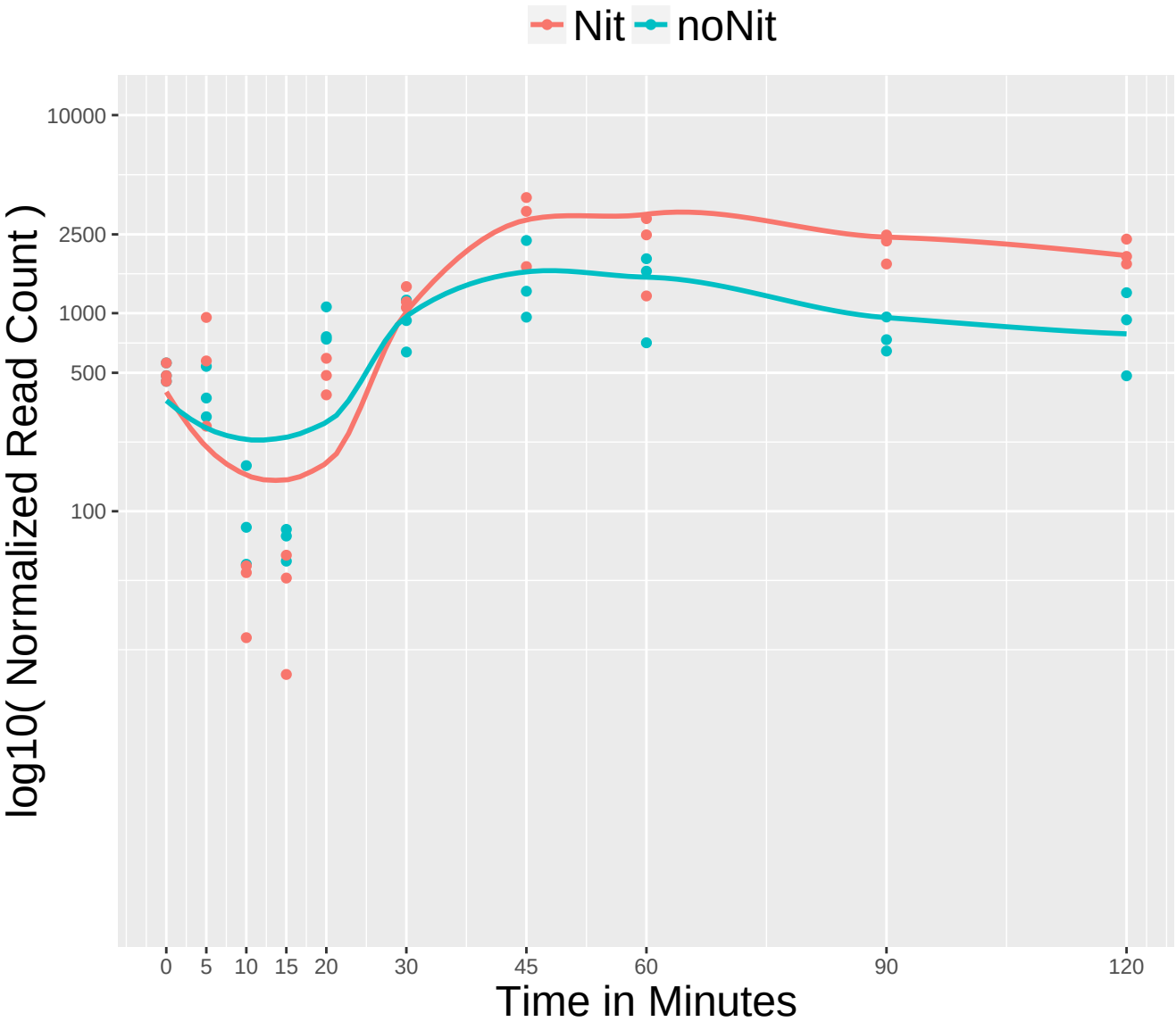
AT1G61360

S−locus



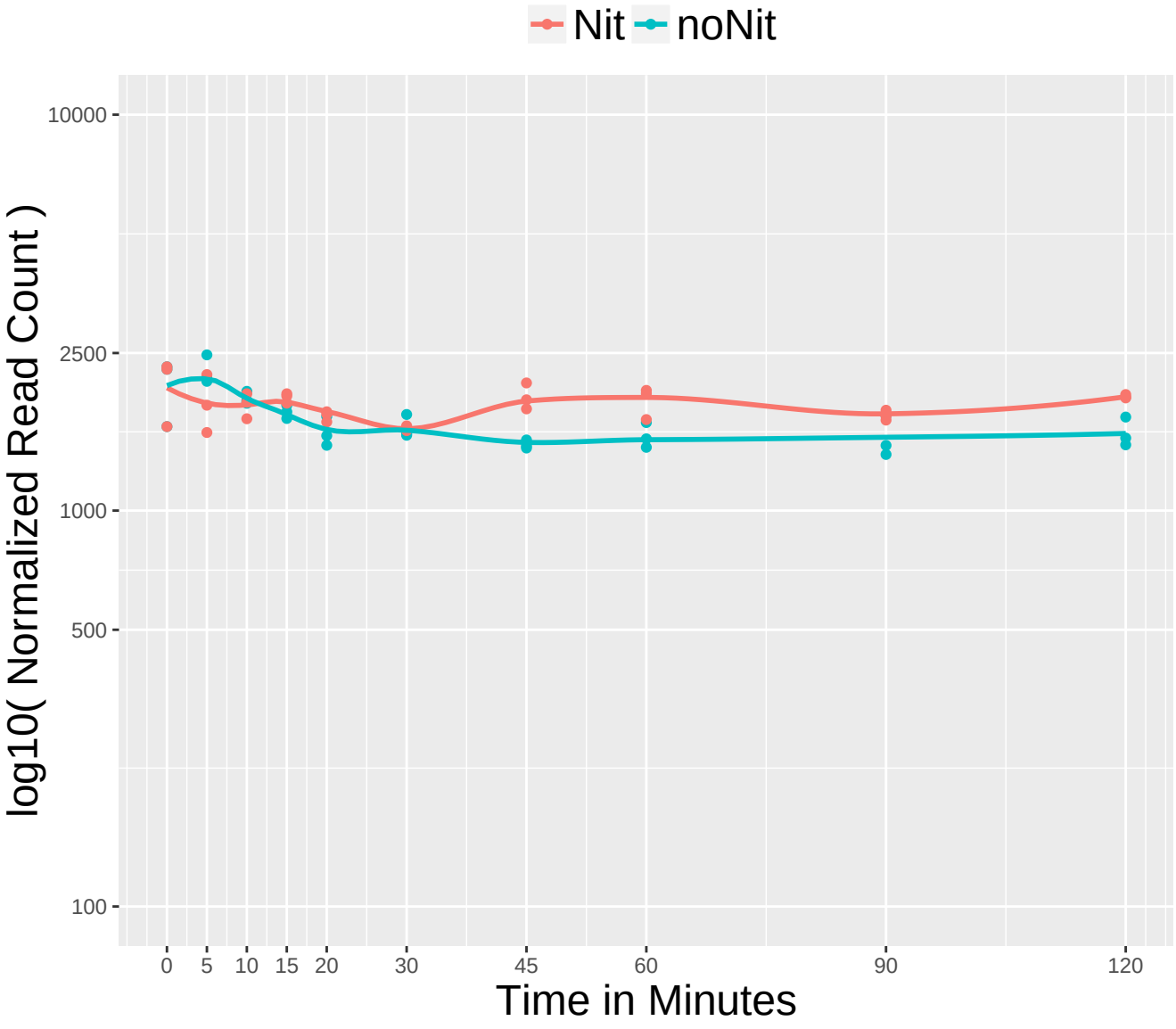
AT1G61840

Cysteine/Histidine−rich



AT1G79650

AtAO1,Arabidopsis



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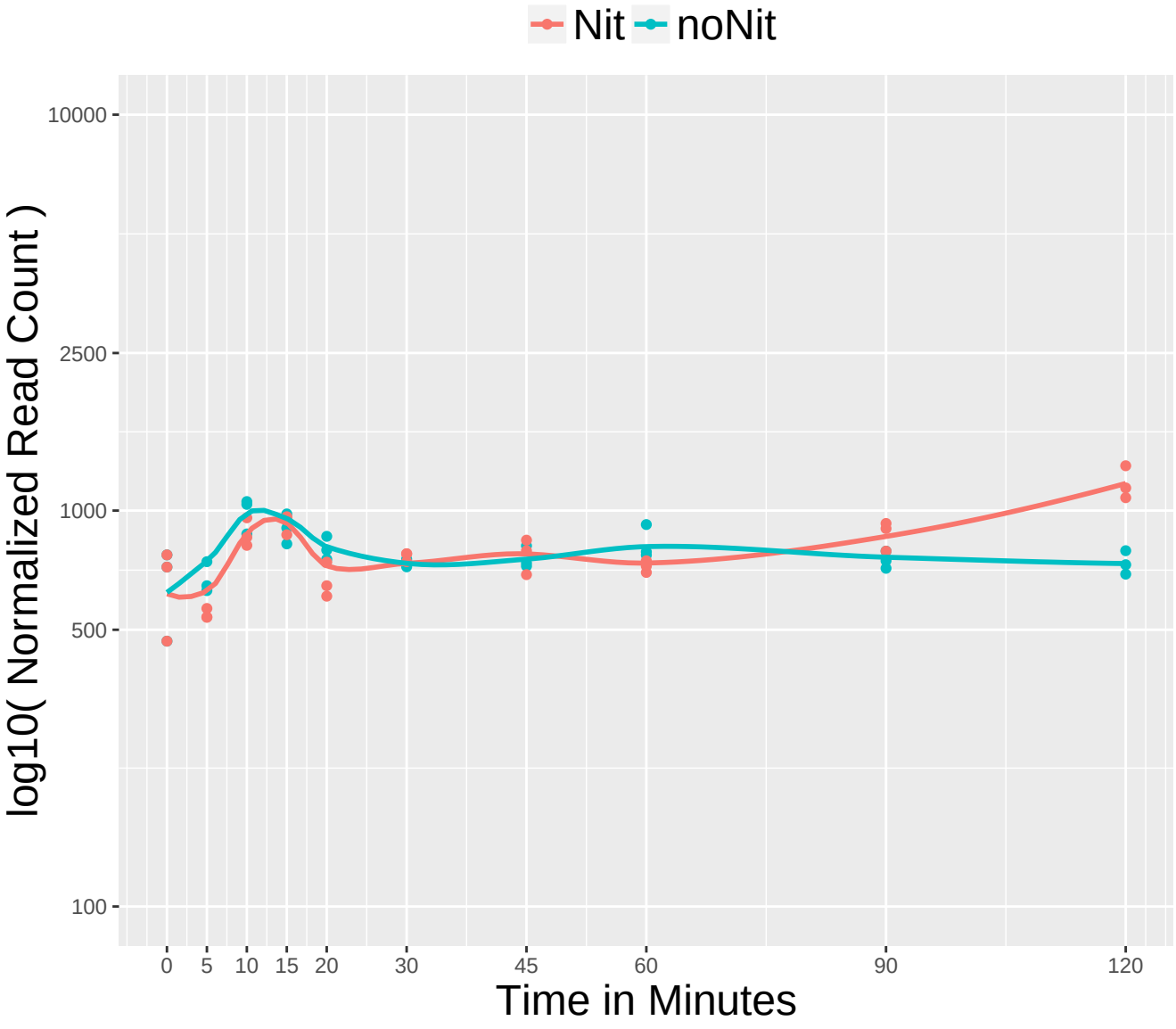
HHP3,heptahelical



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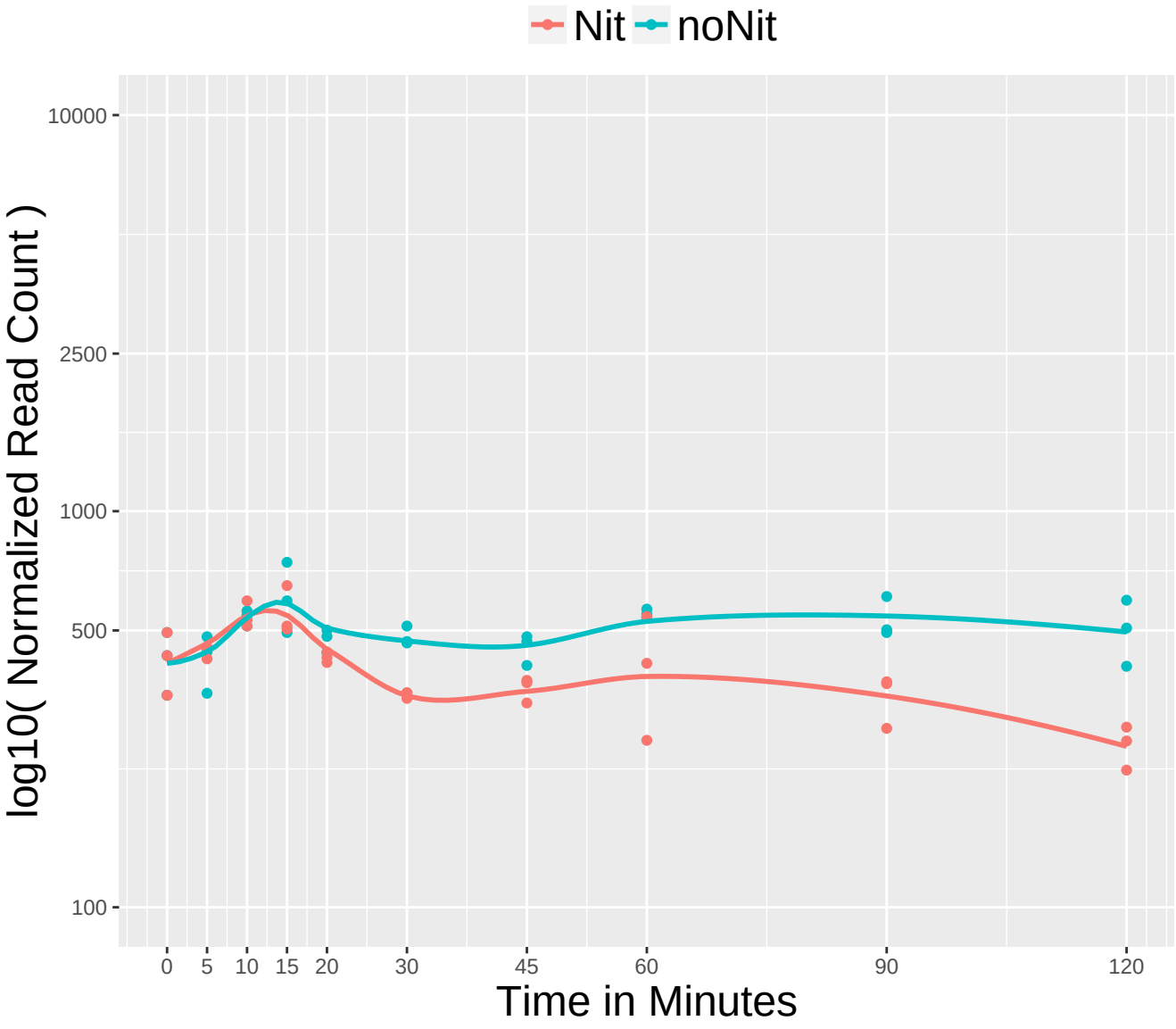
myb−like



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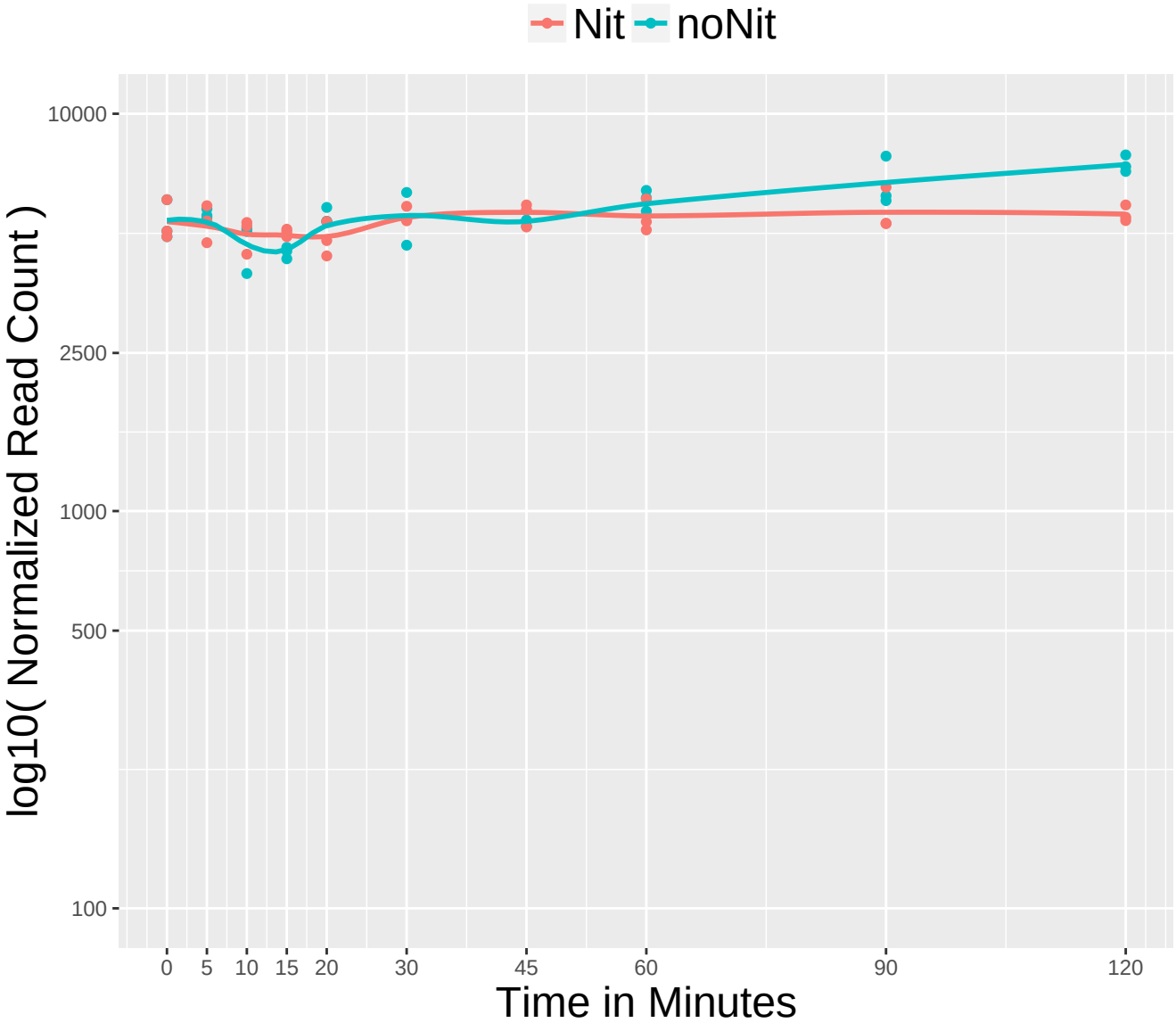
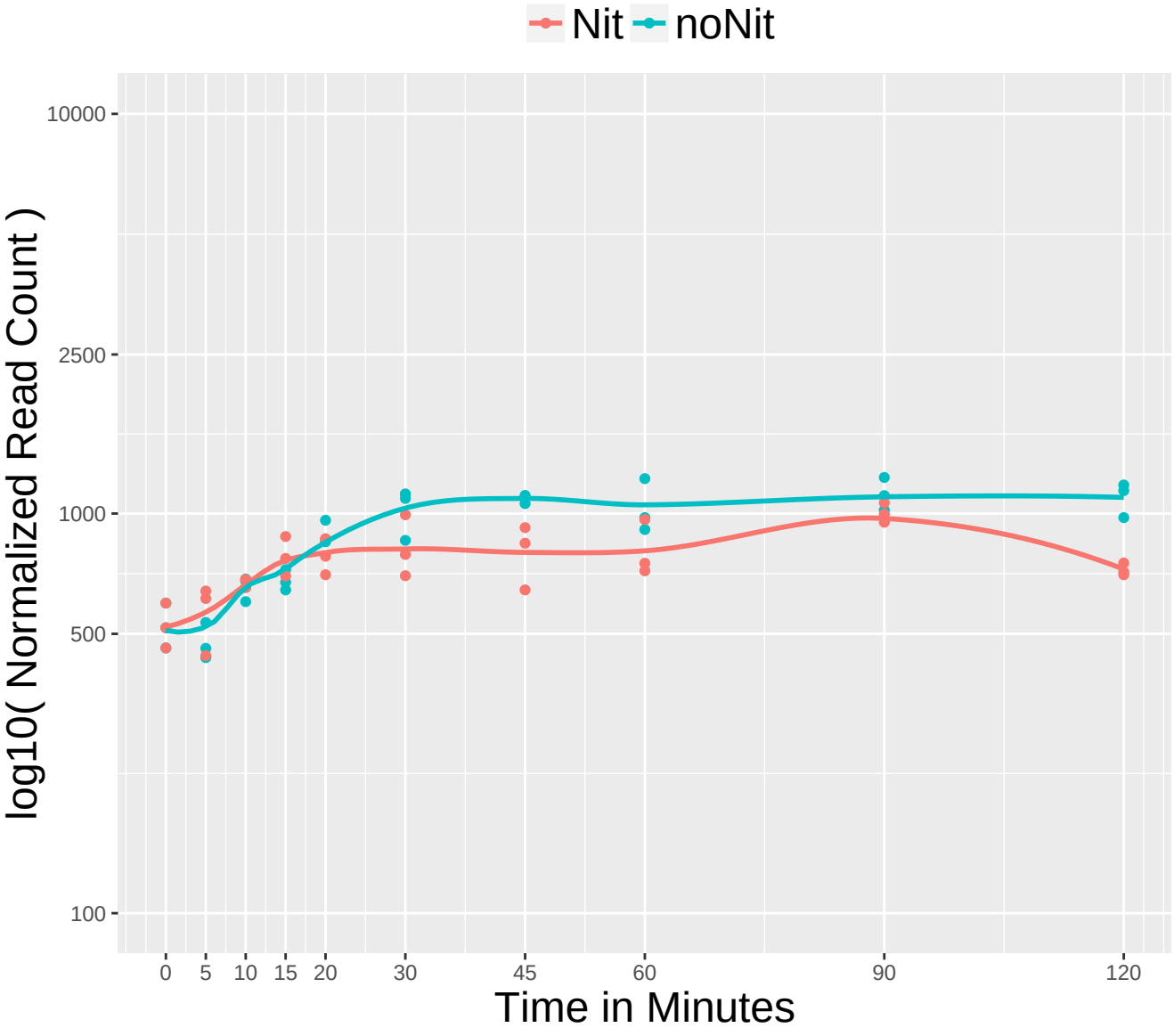
ERS,ETHYLENE



AT2G45260

Plant



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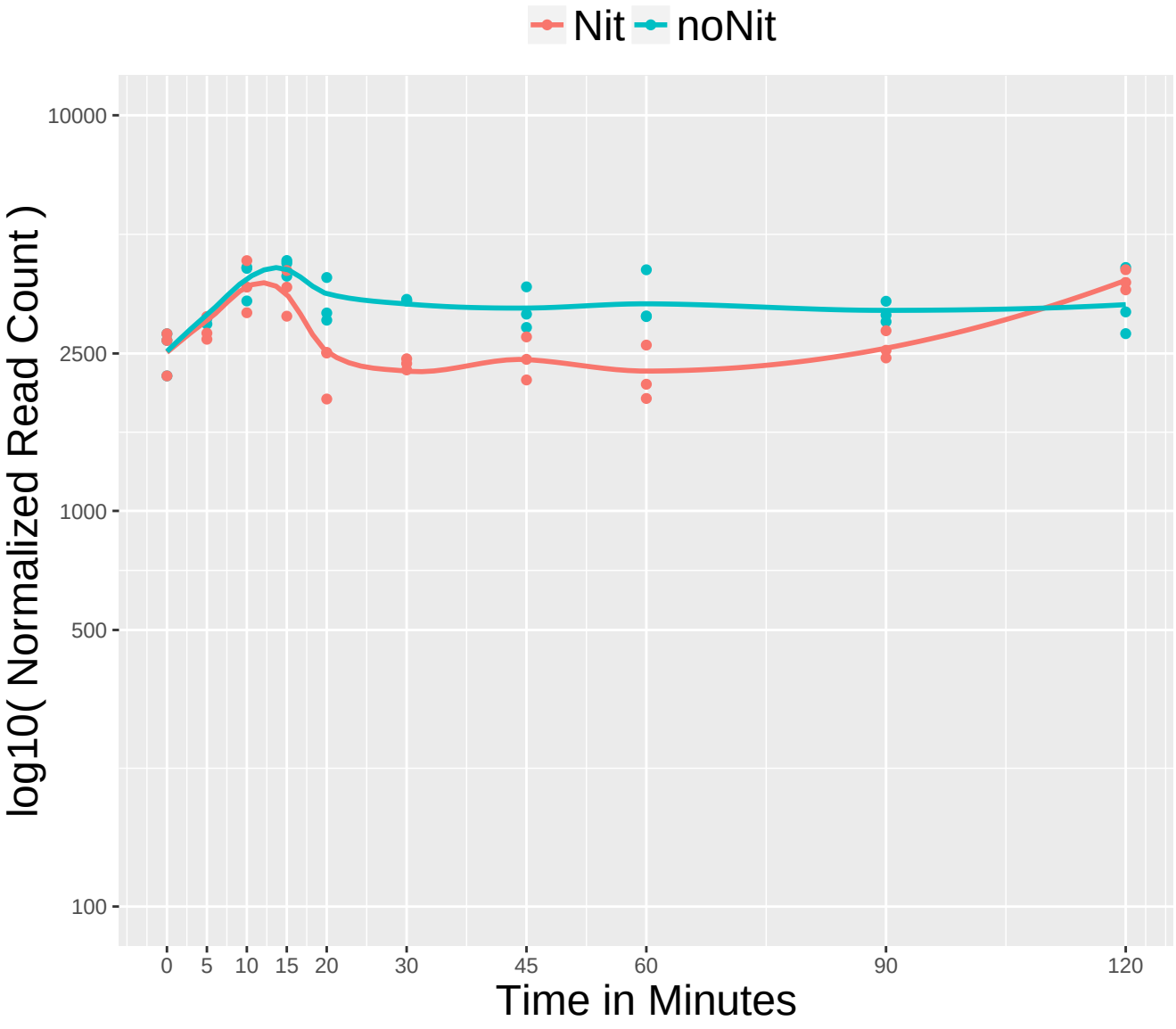
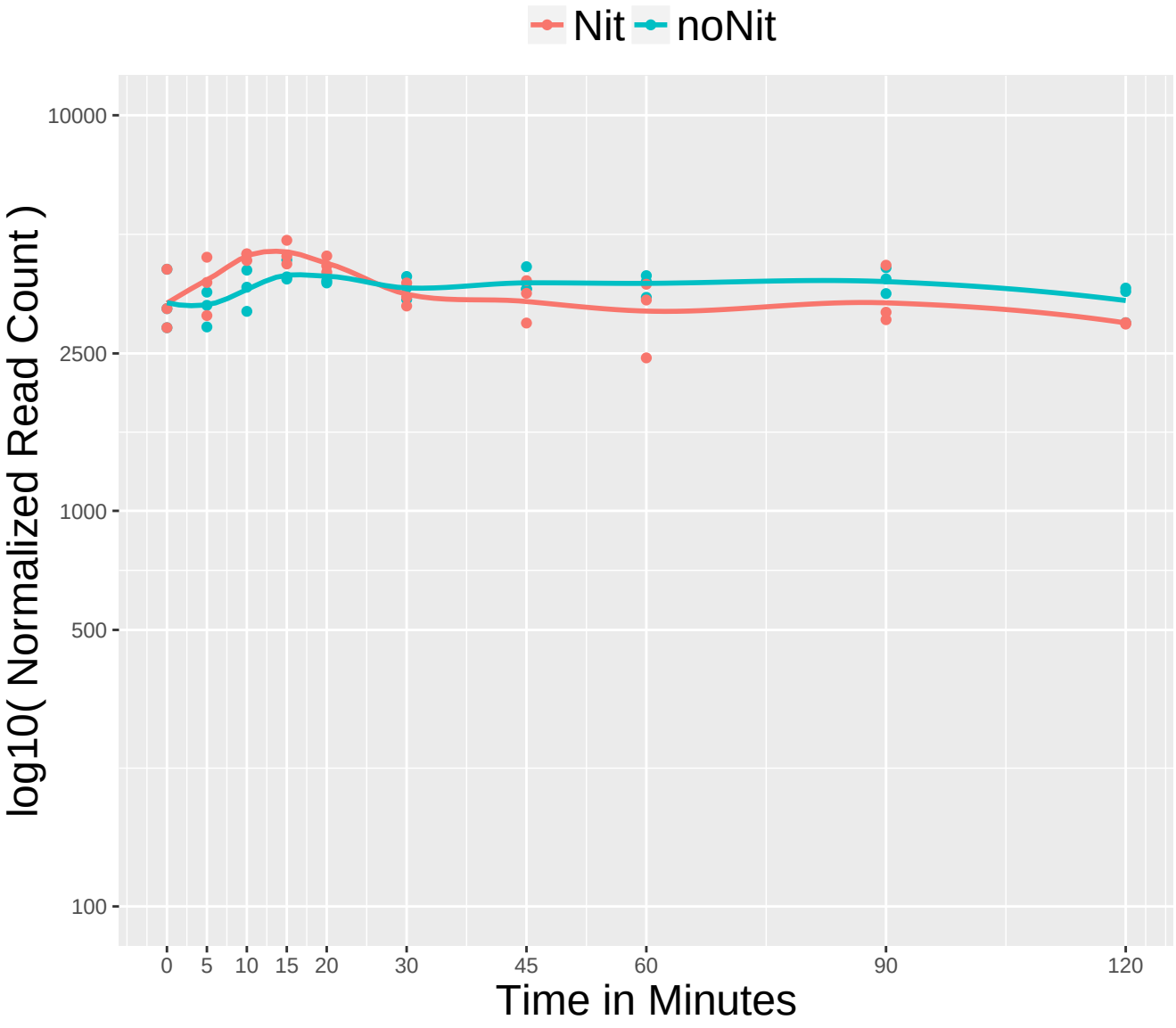
AGP16,arabinogalactan



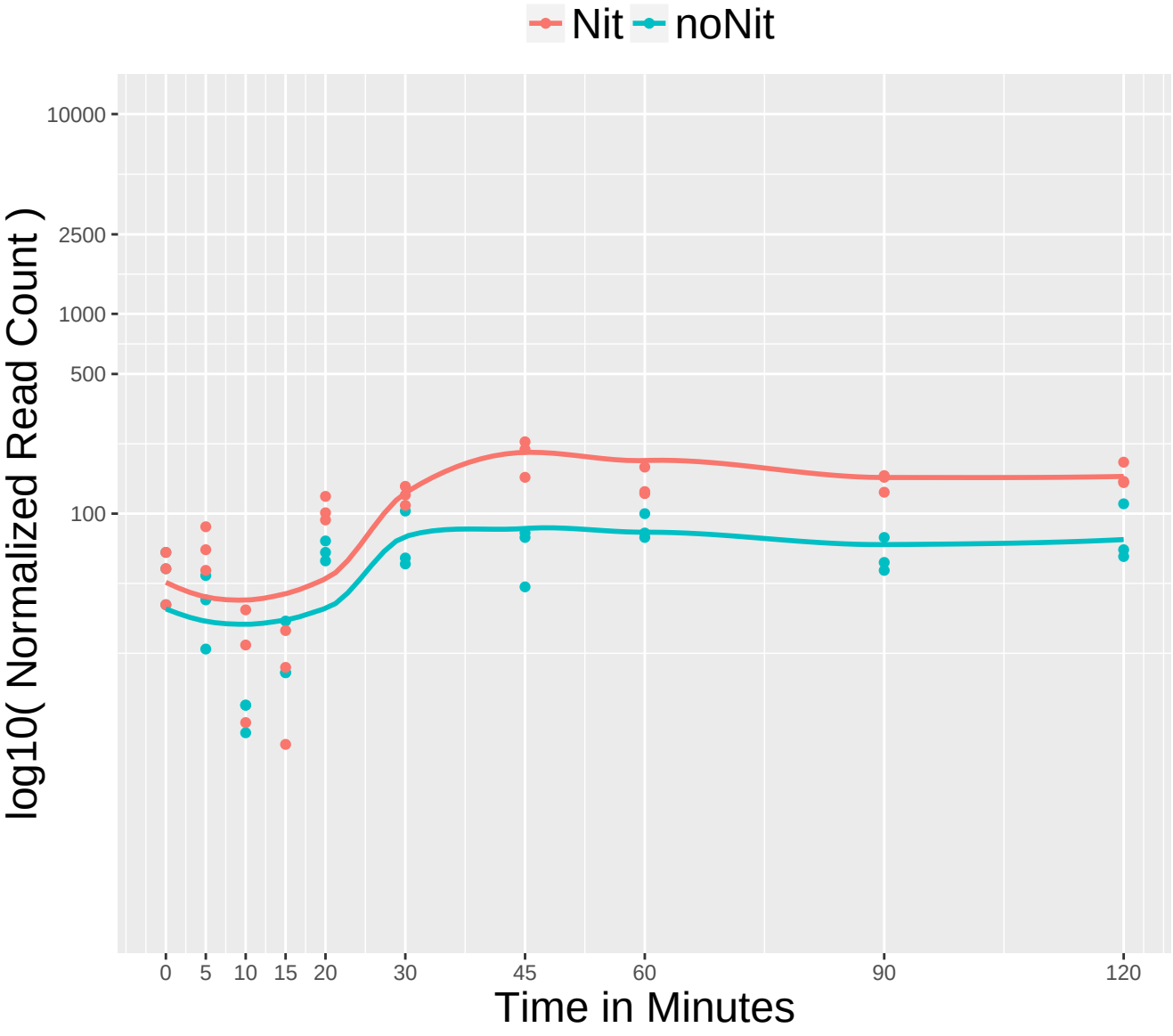
AT3G58640

Mitogen



AT4G16230

GDSL−like



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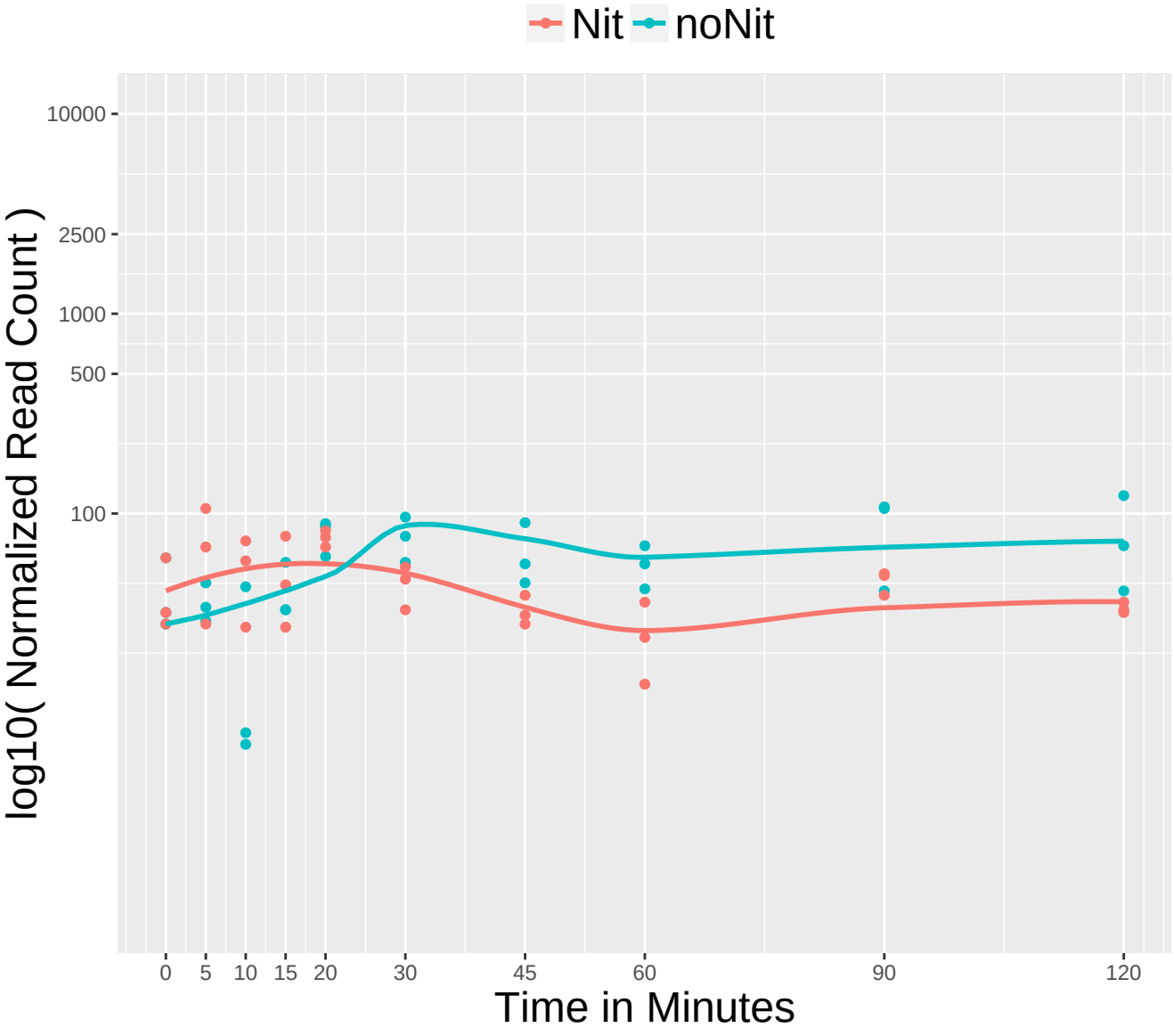
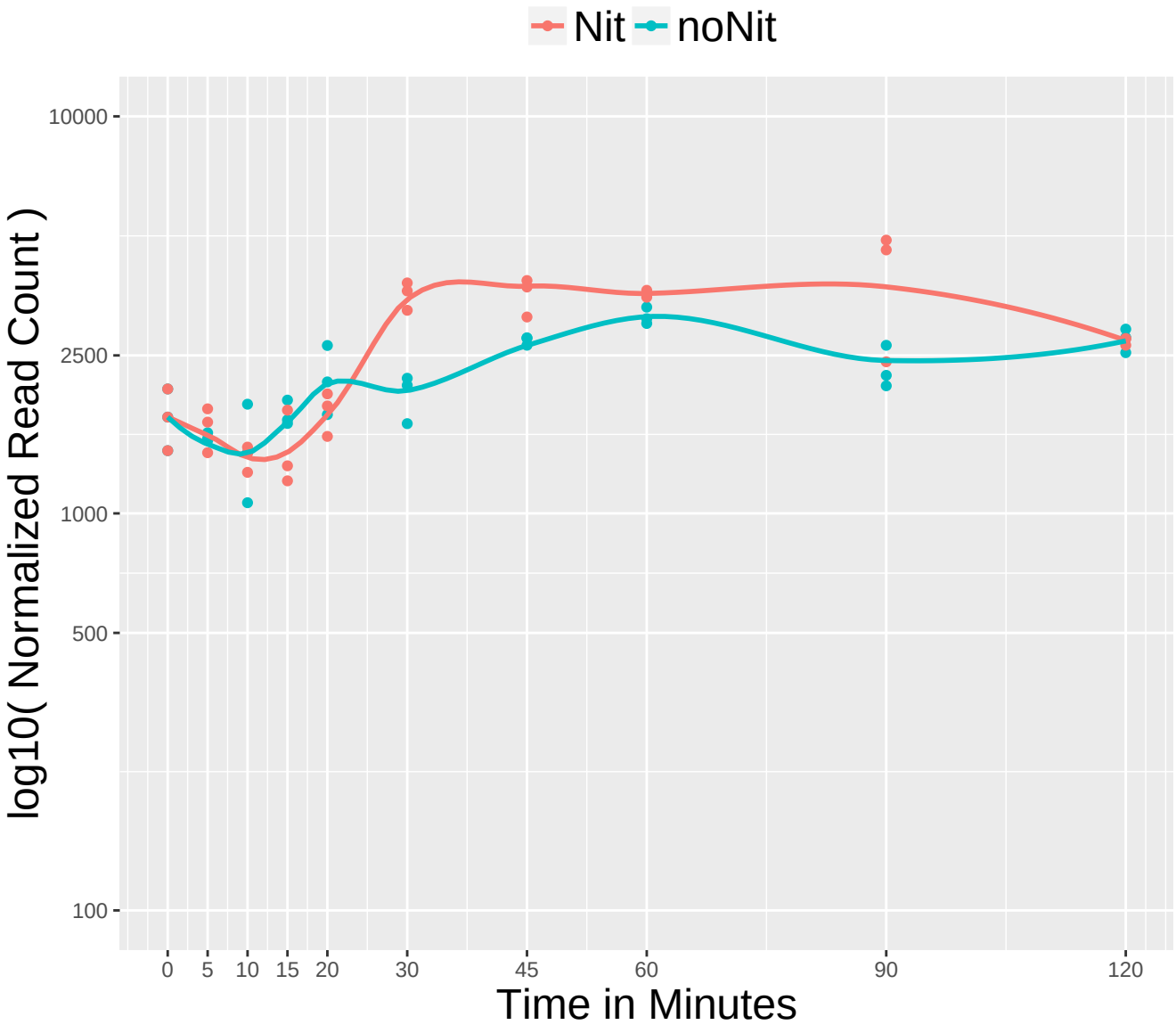
Late



AT5G13550

SULTR4;1,sulfate



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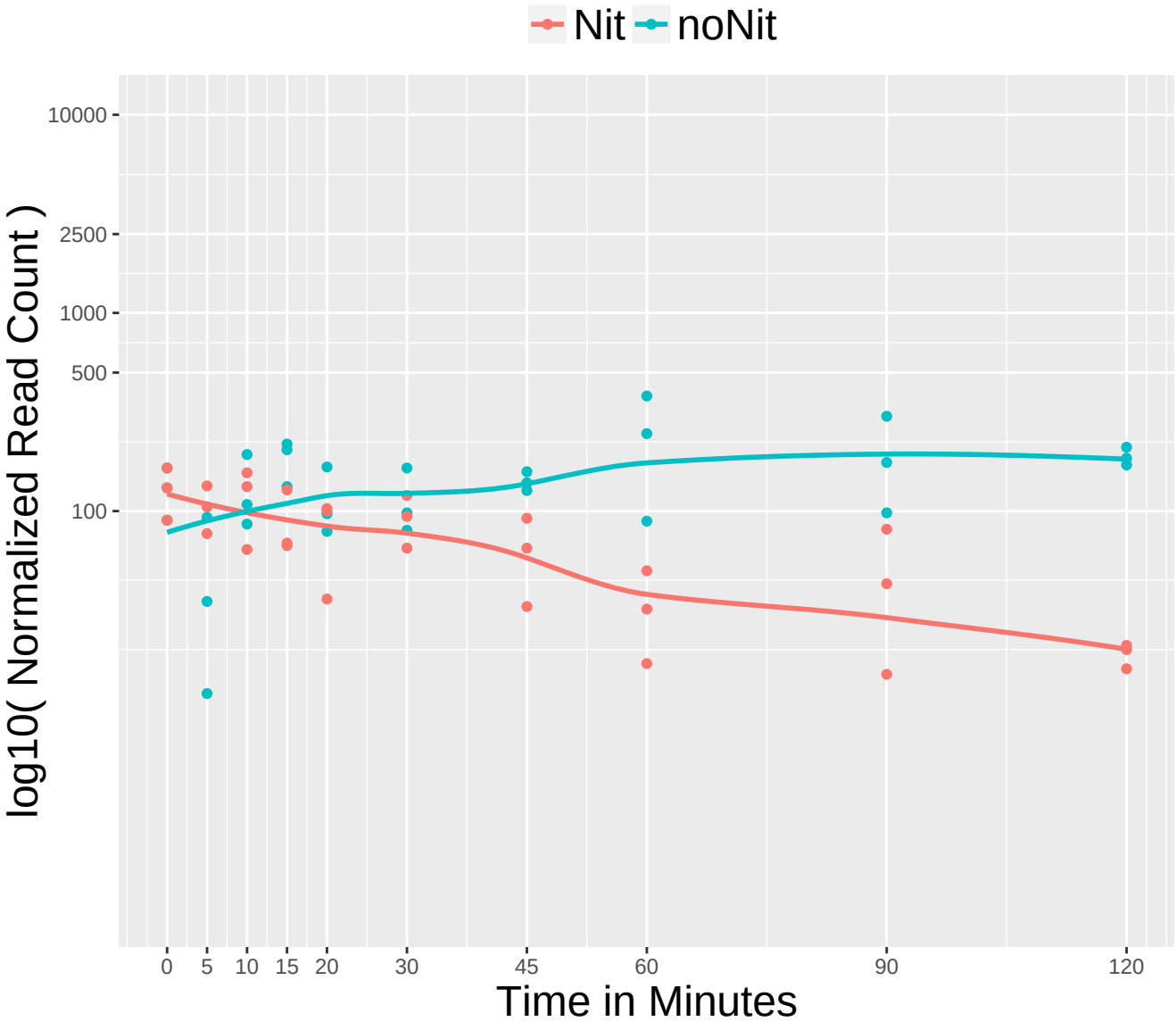
ATPEN3,putative



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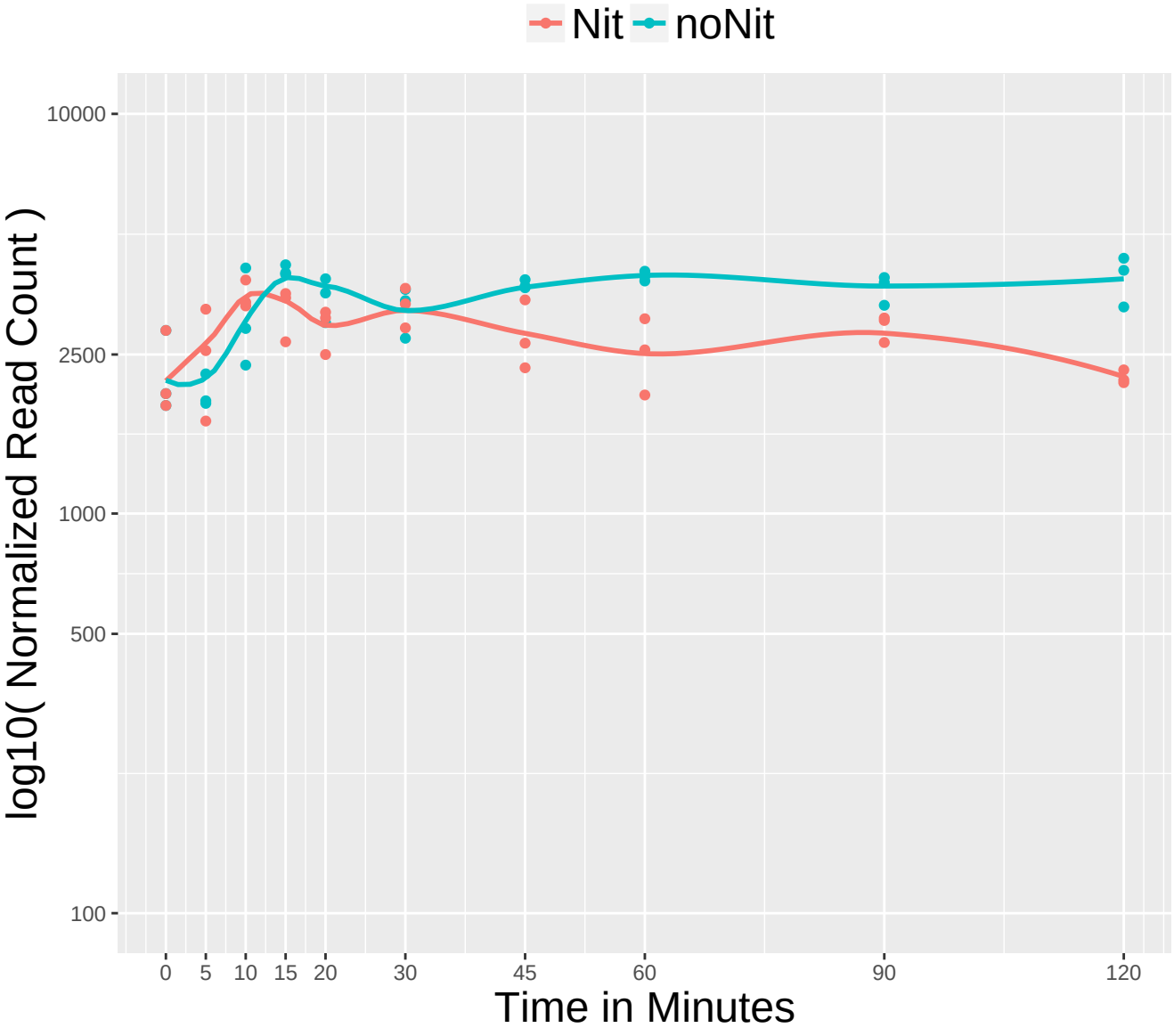
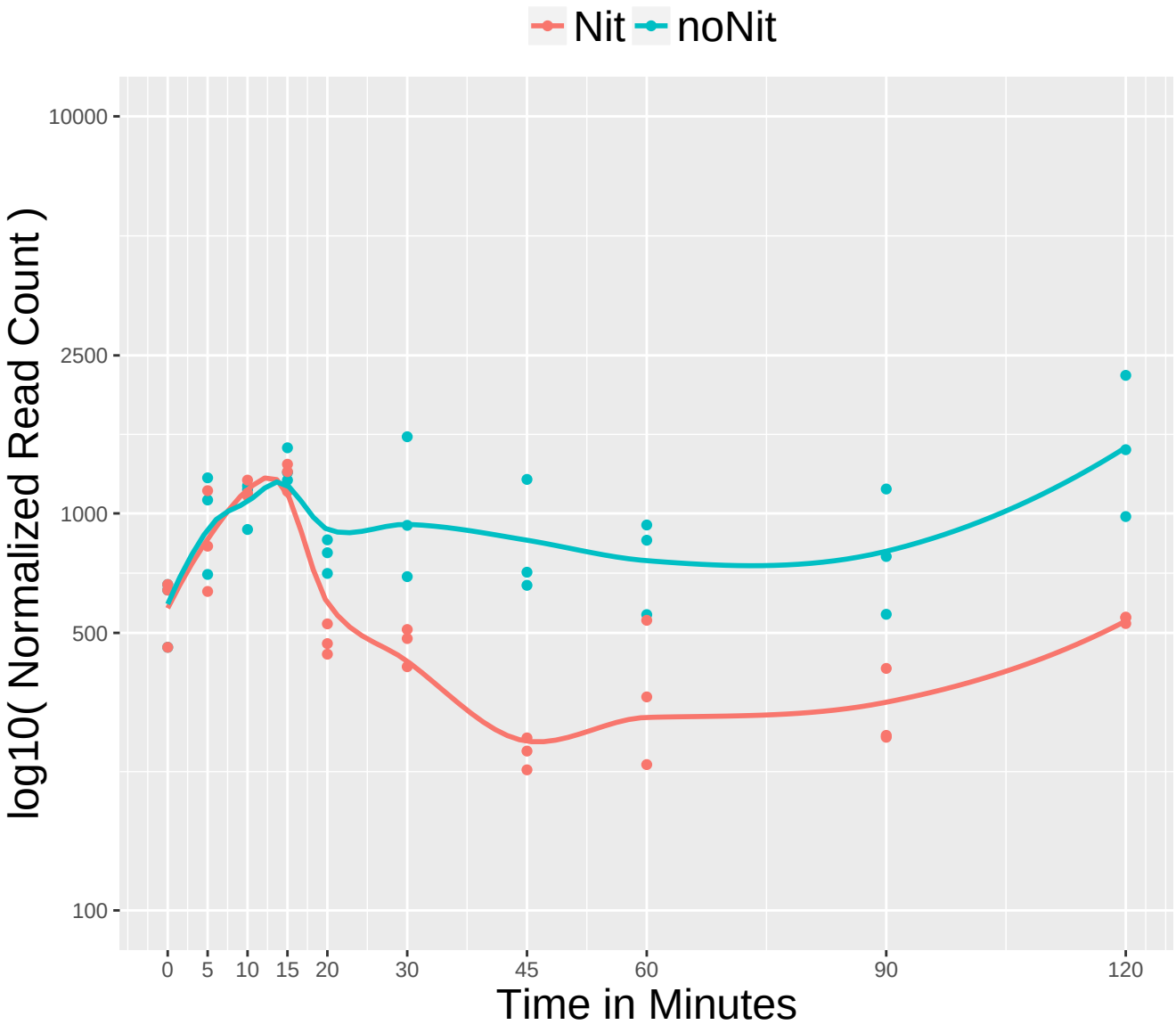
Protein



AT5G64905

PROPEP3,elicitor



AT1G28760

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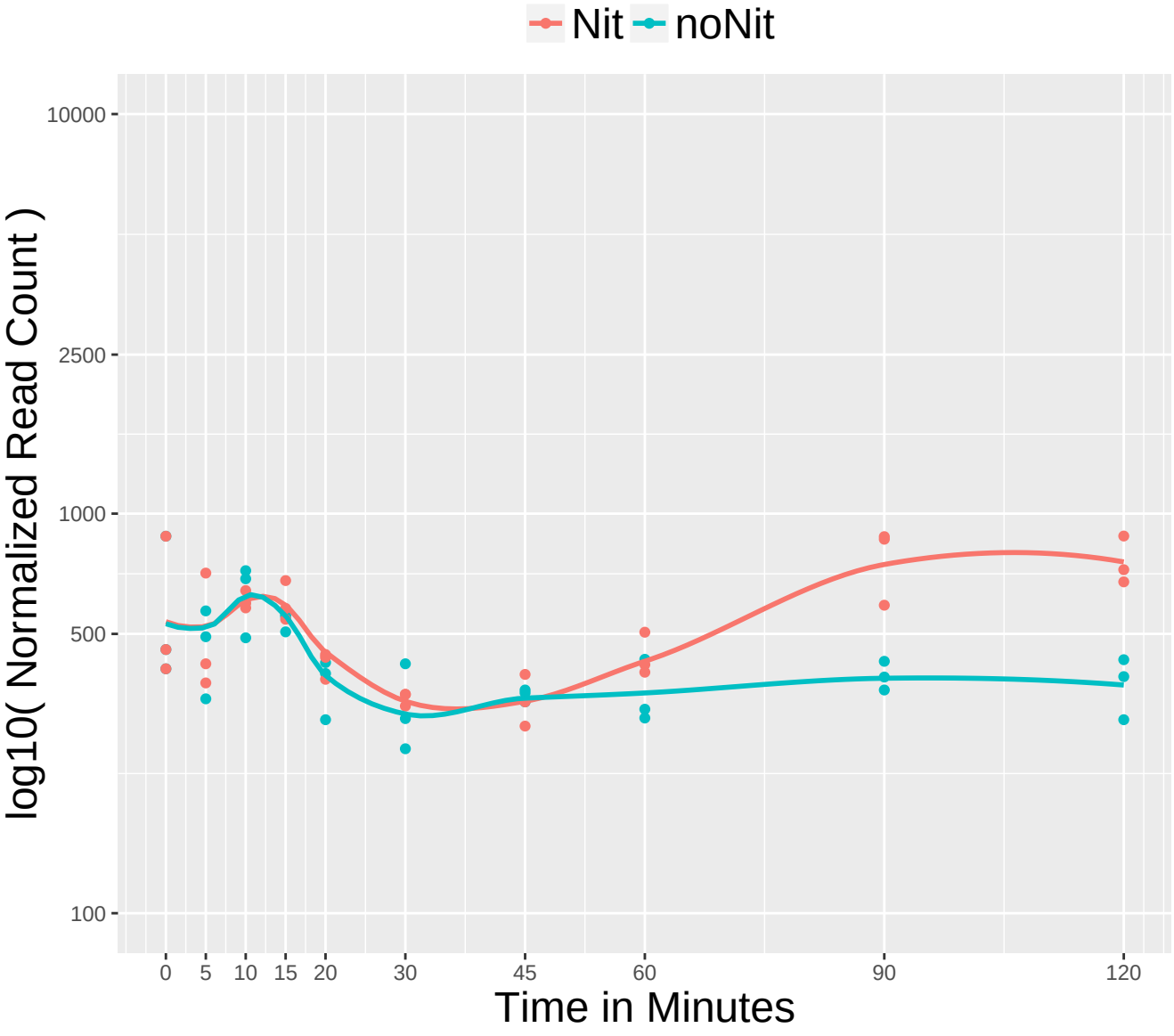

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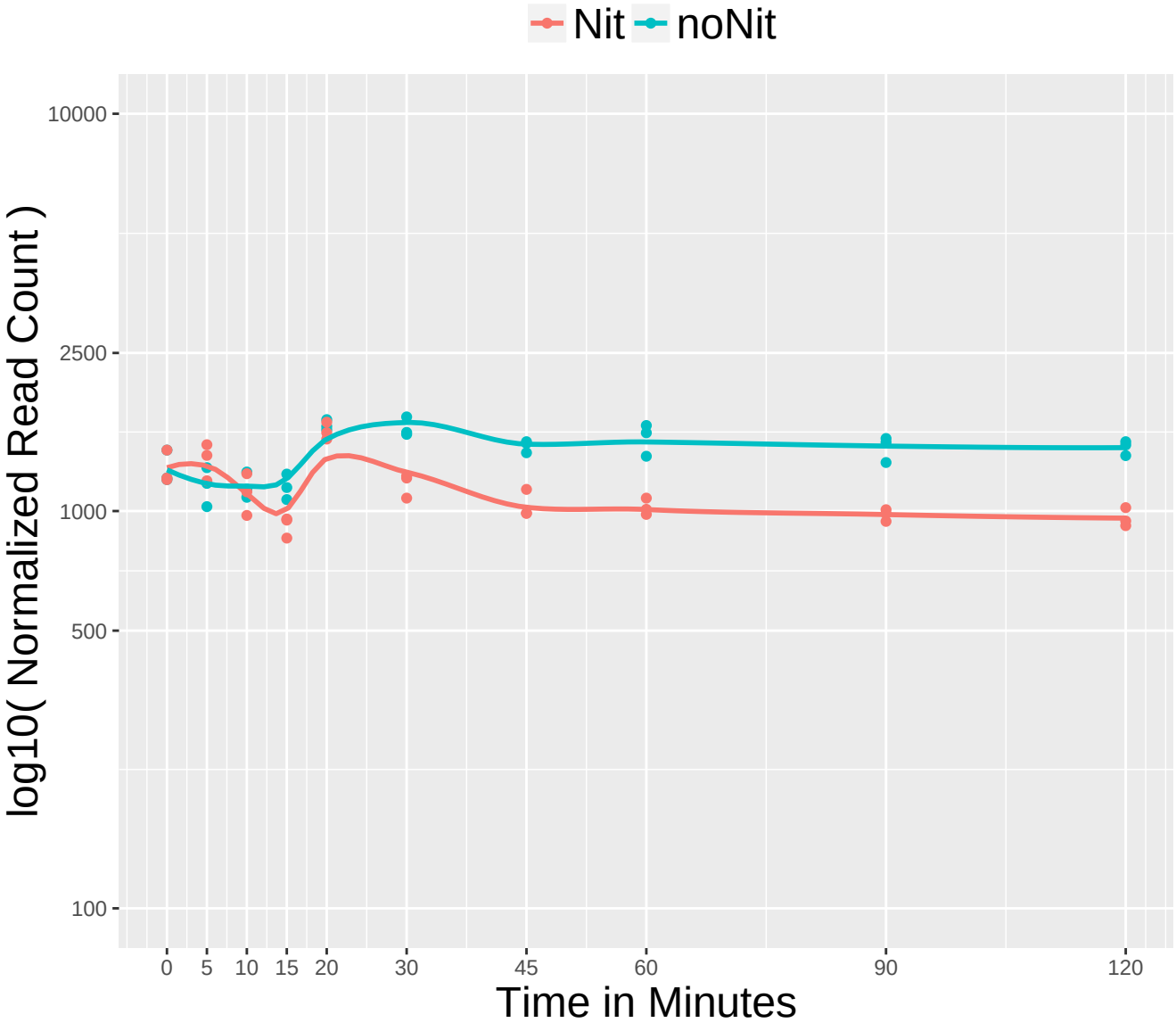
BZR1,BRASSINAZOLE−RESISTANT



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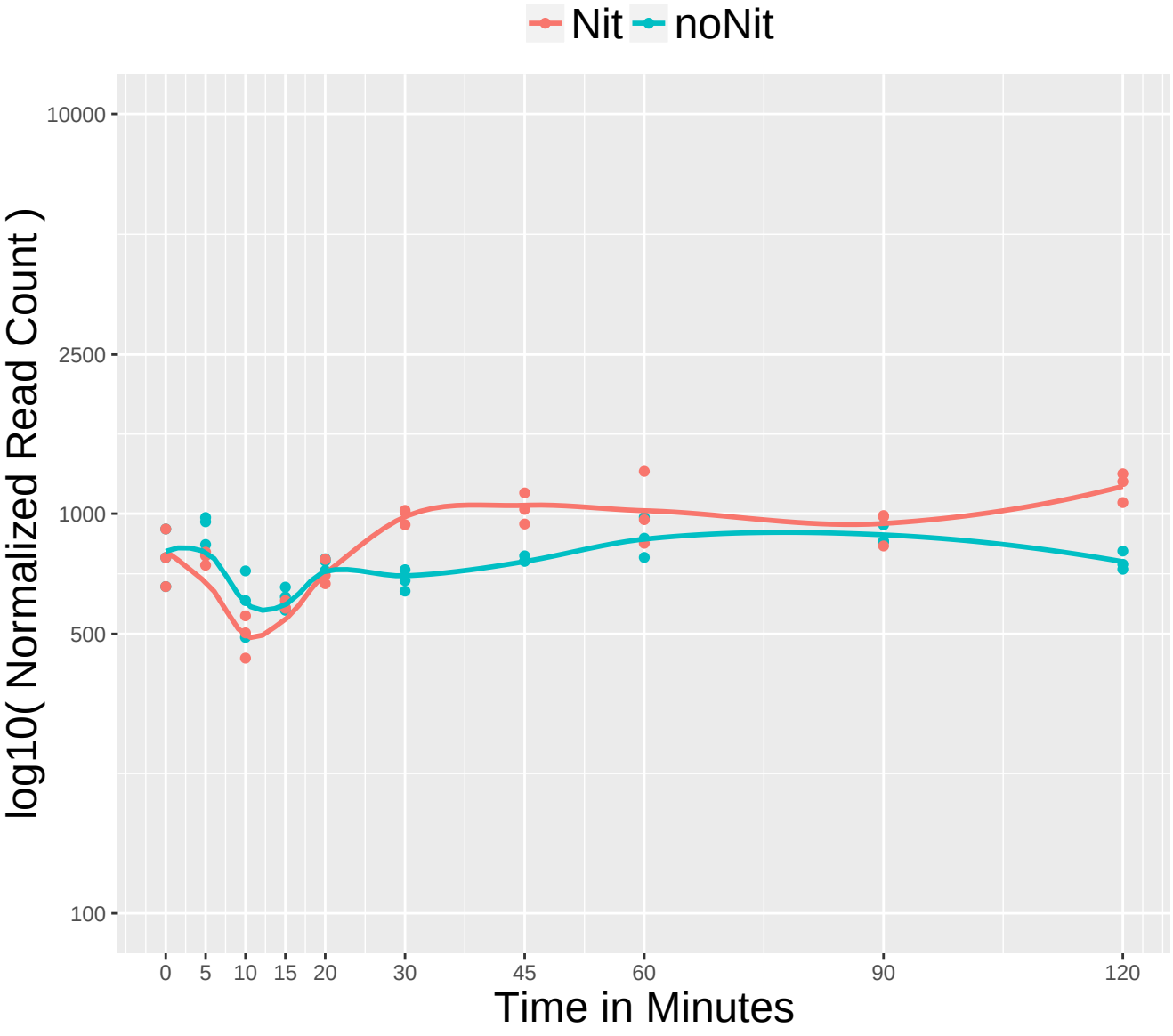
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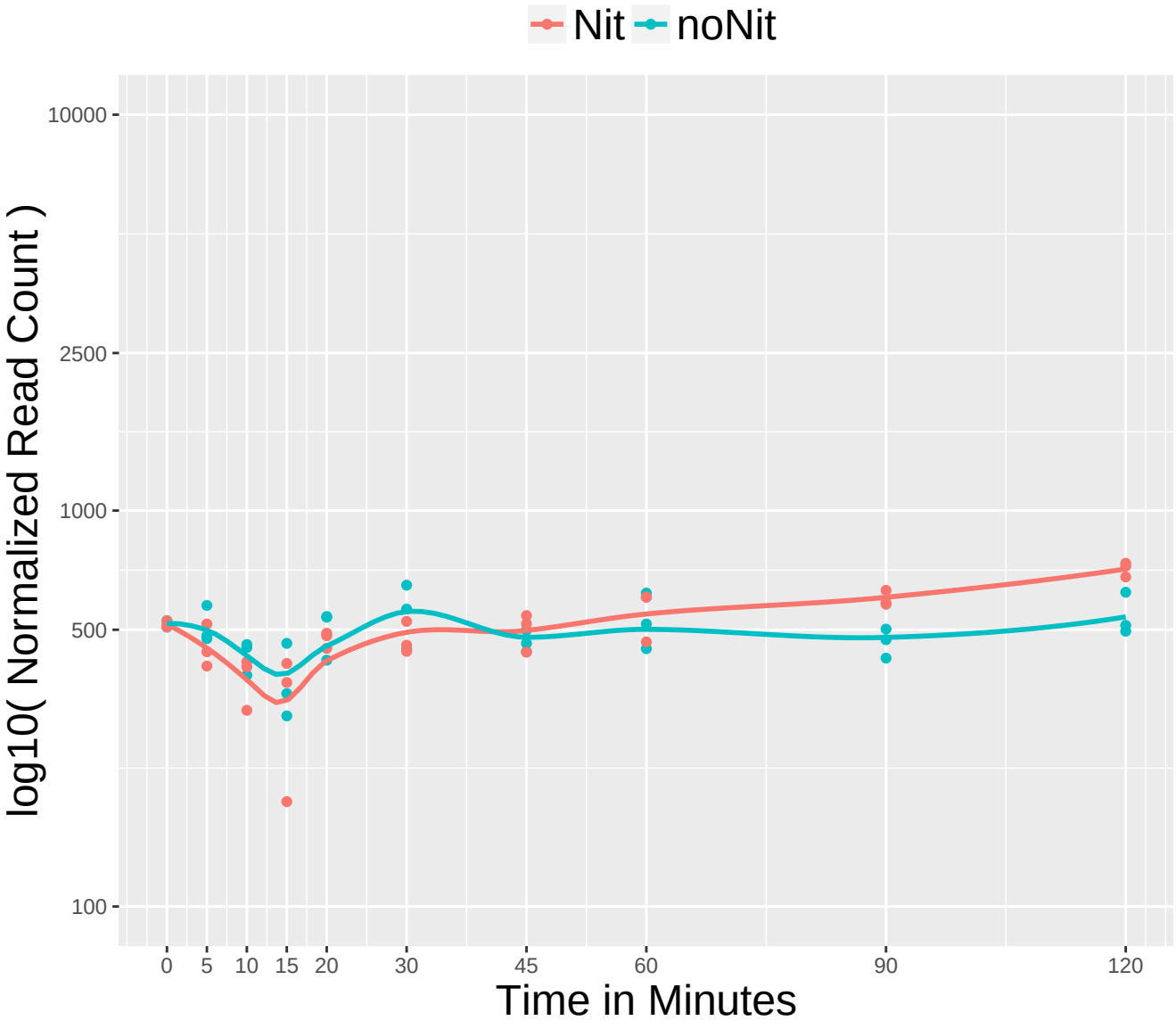
AT2G16650

PRORP2,proteinaceous



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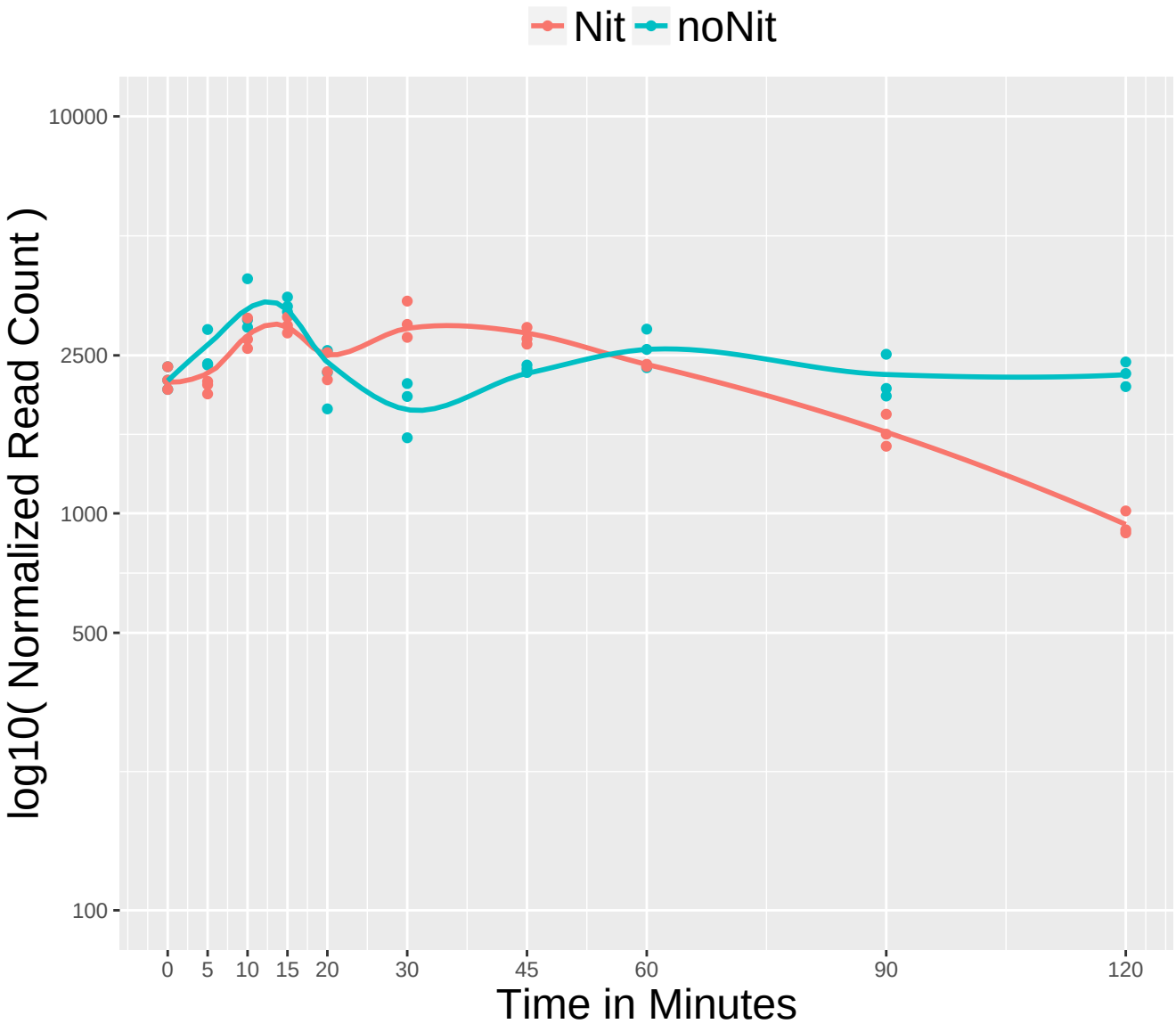
BLH4,BEL1−like



AT2G37940

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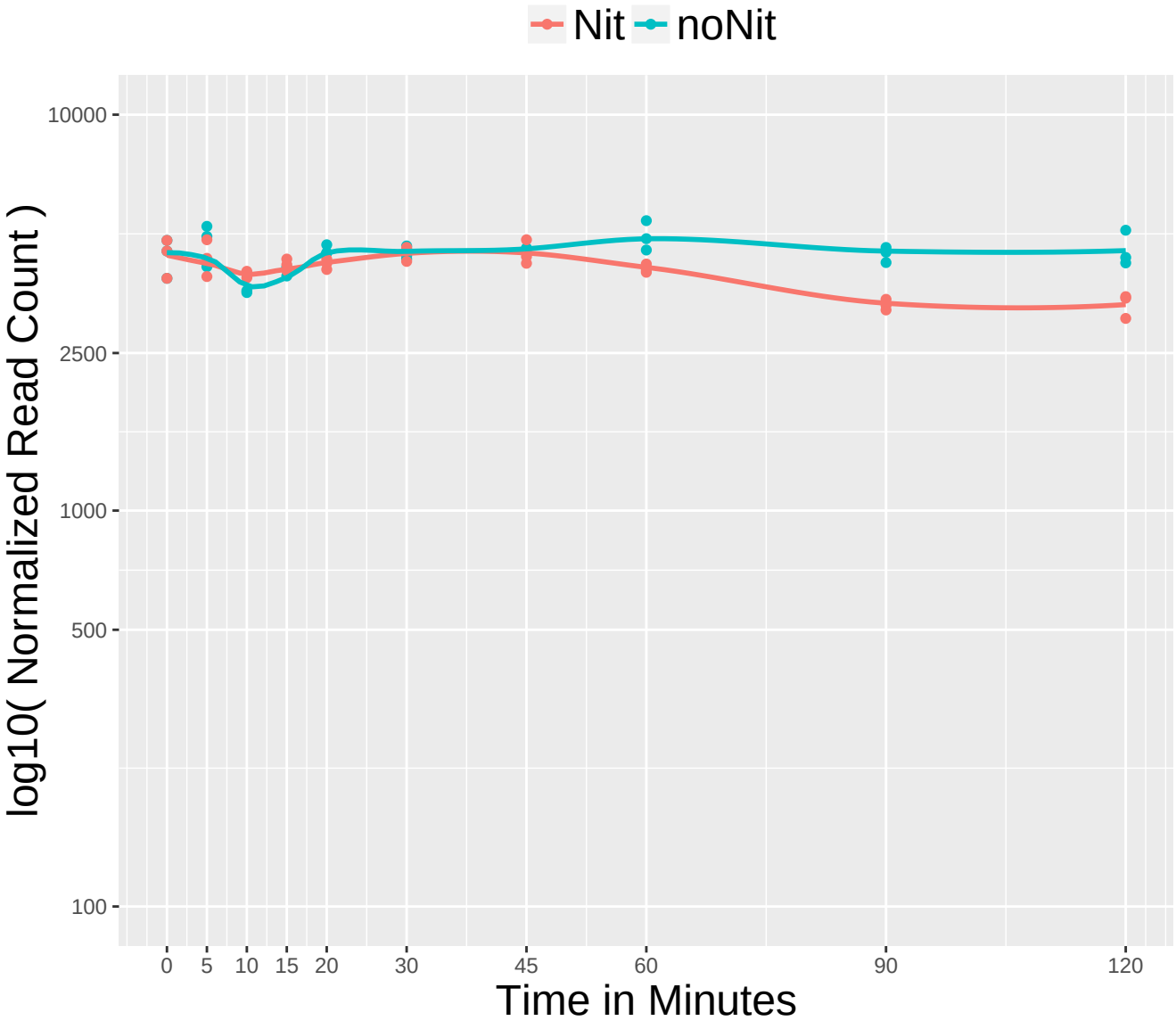

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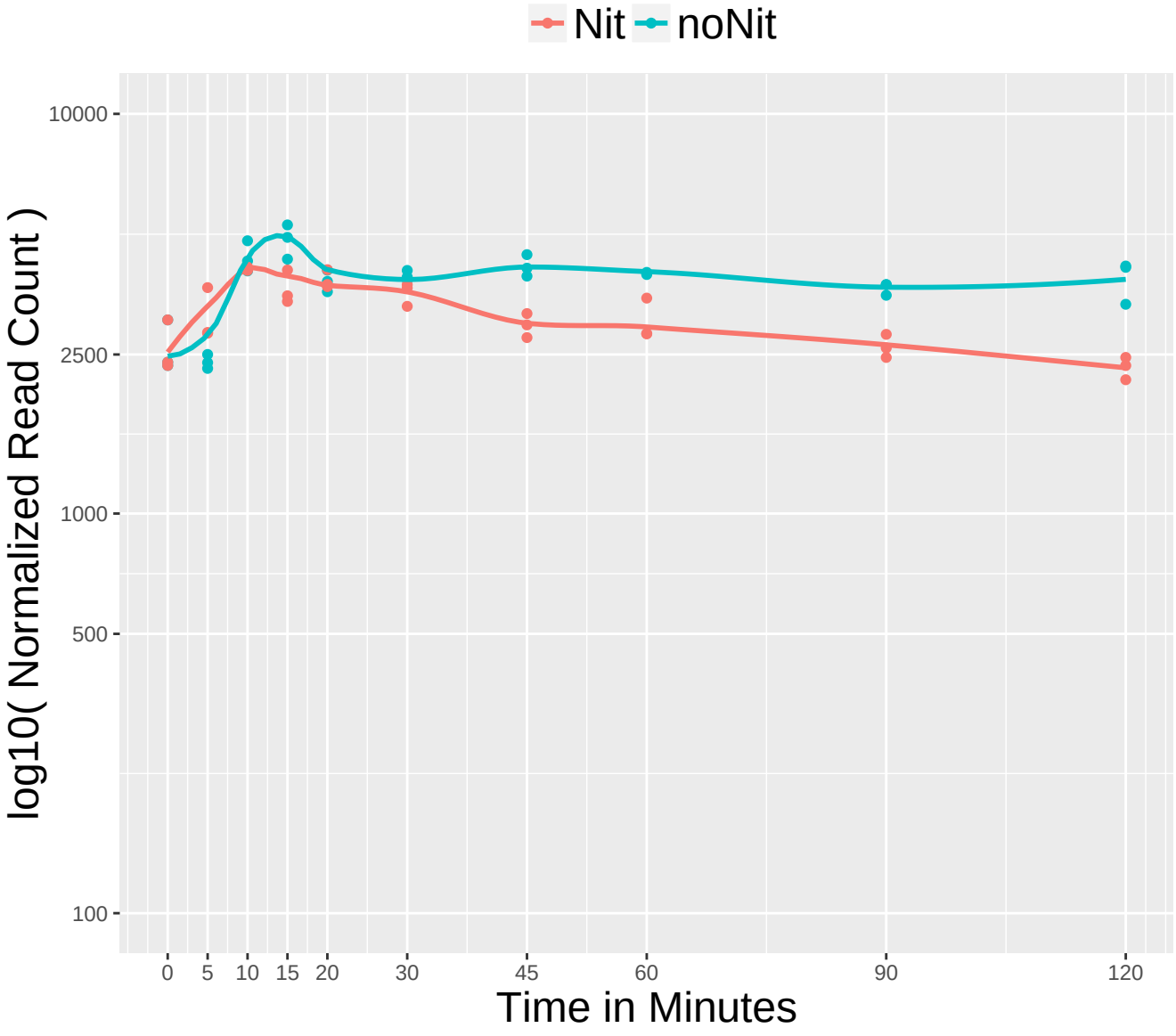
Leucine−rich



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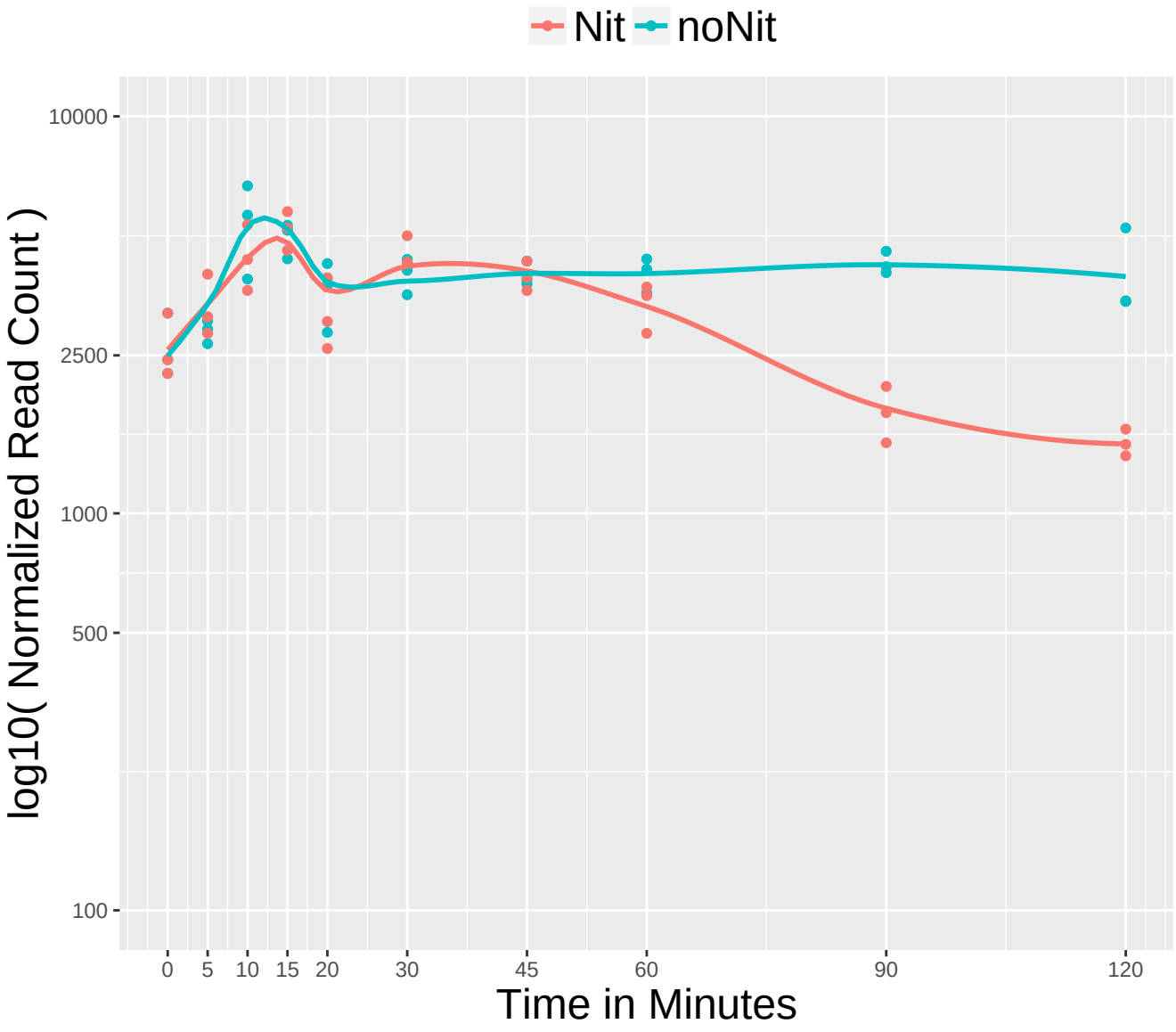
AIR12,Auxin−Induced



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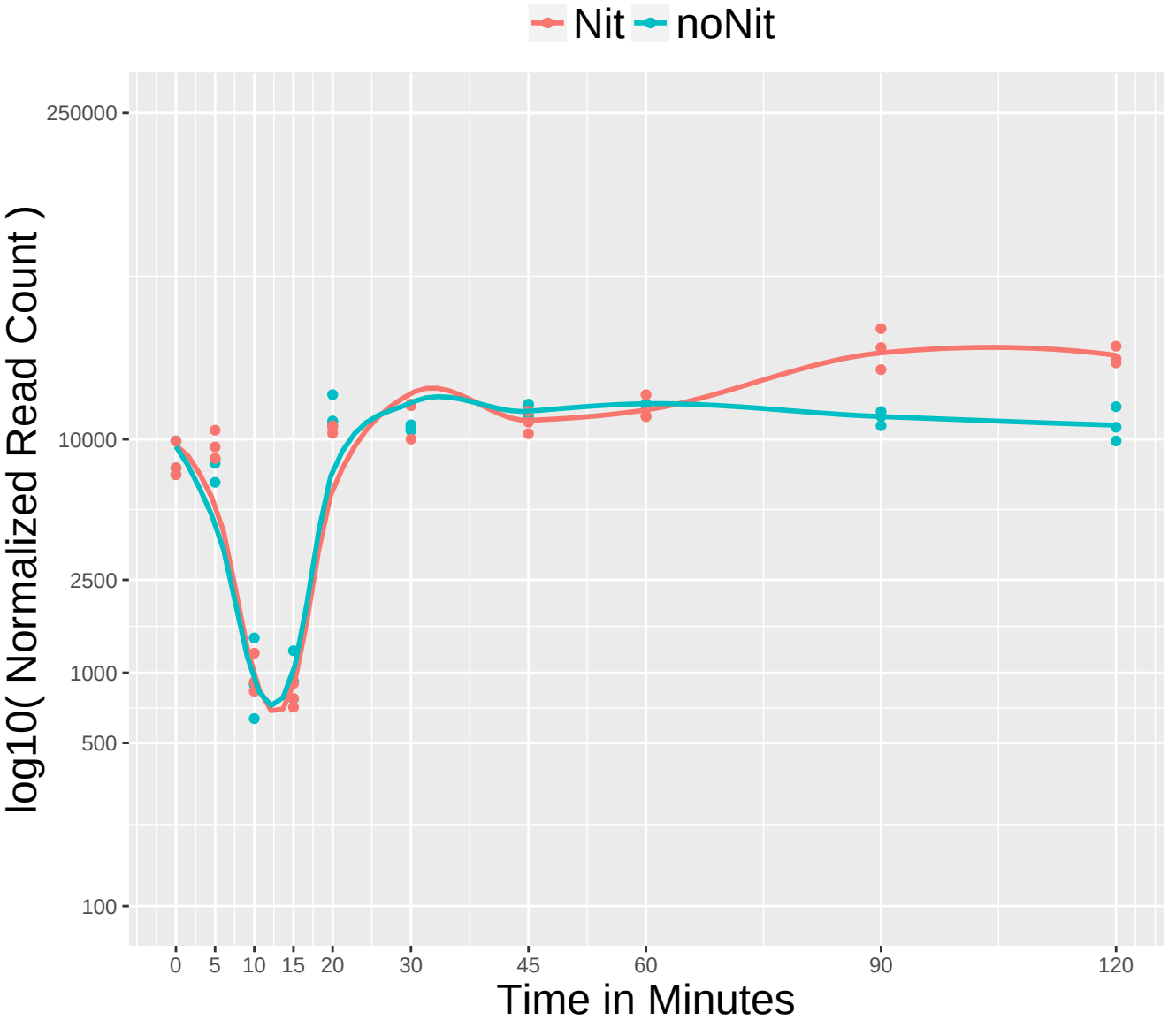
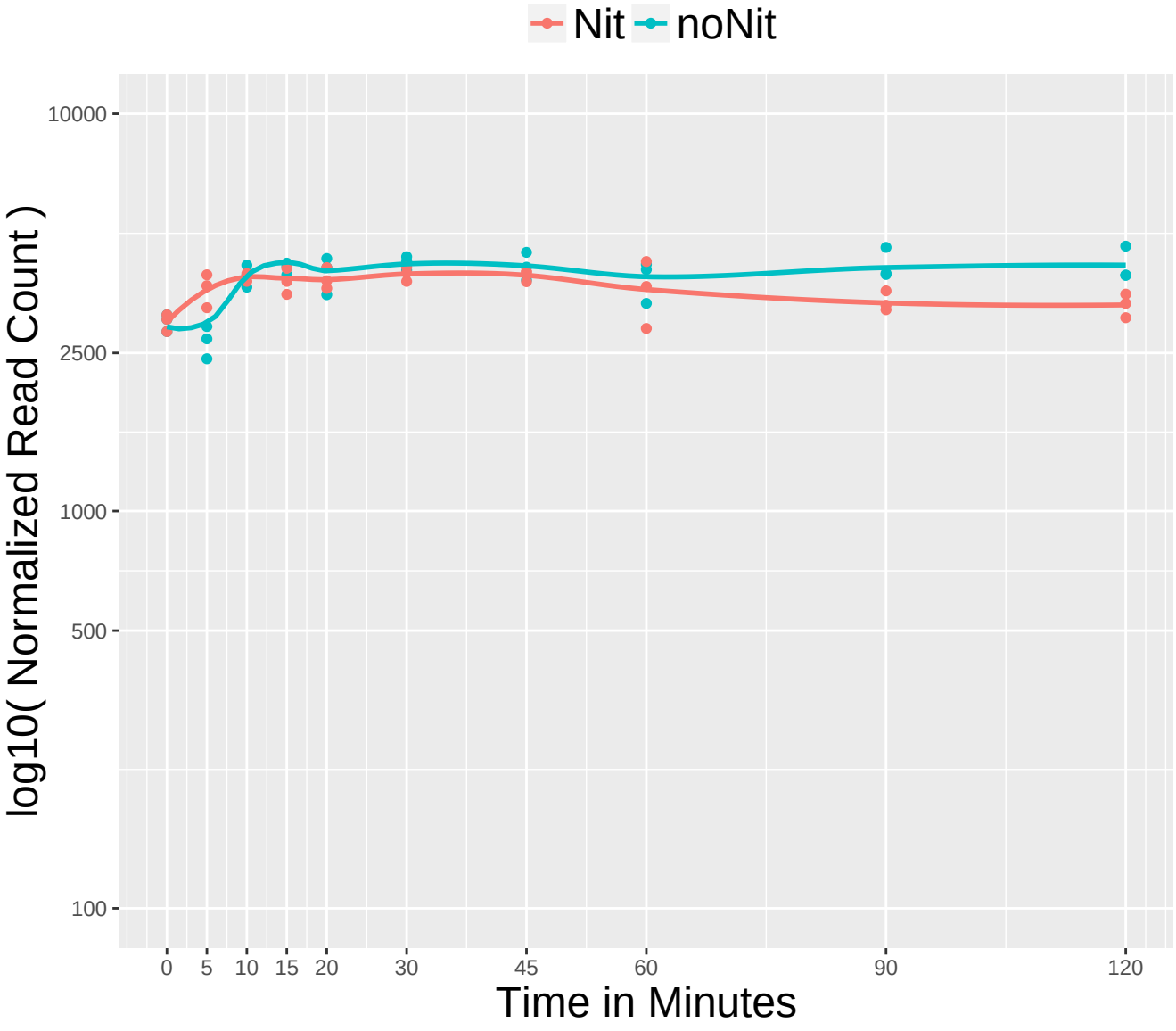
Transmembrane



AT4G02500

ATXT2,ARABIDOPSIS



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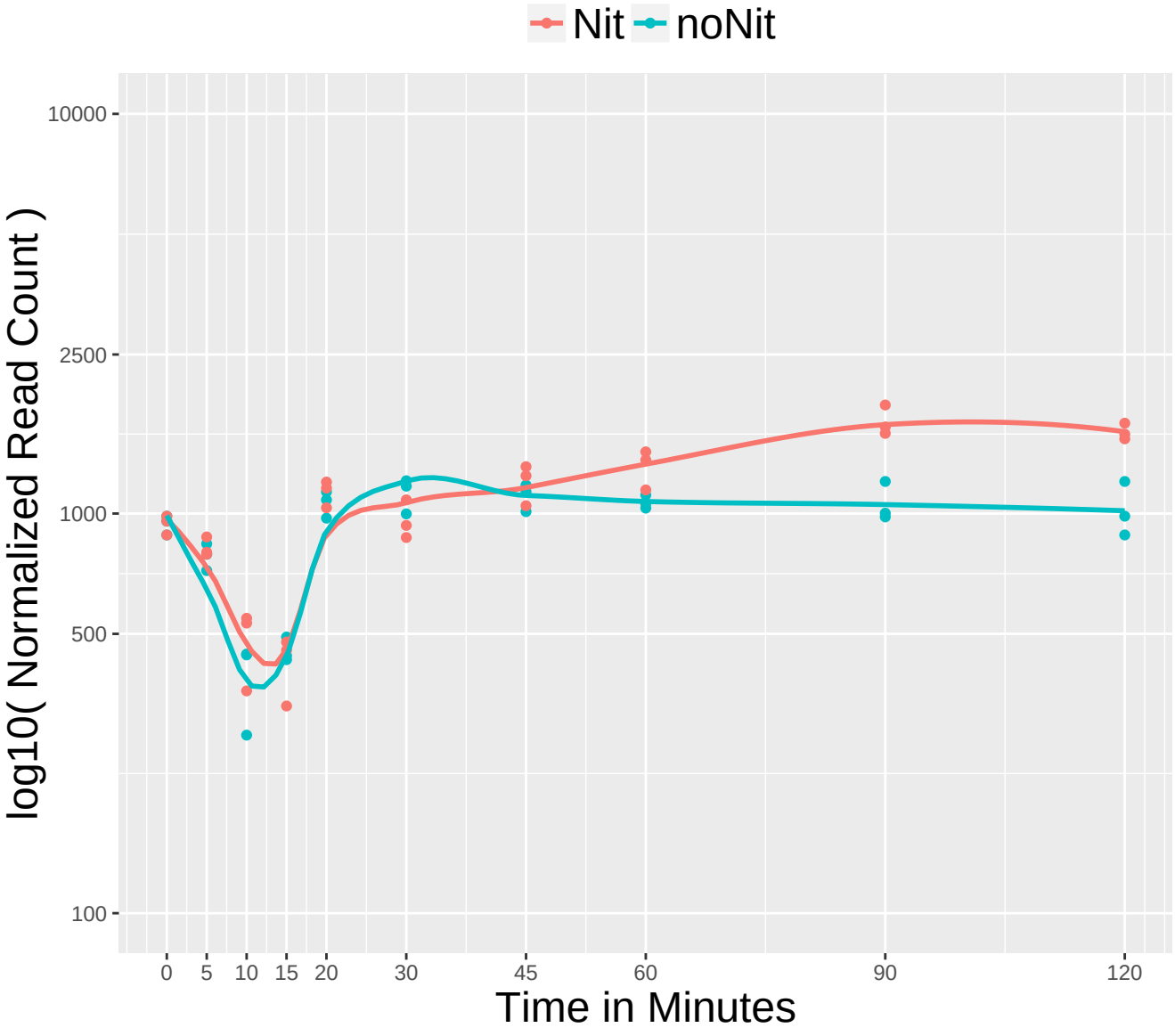

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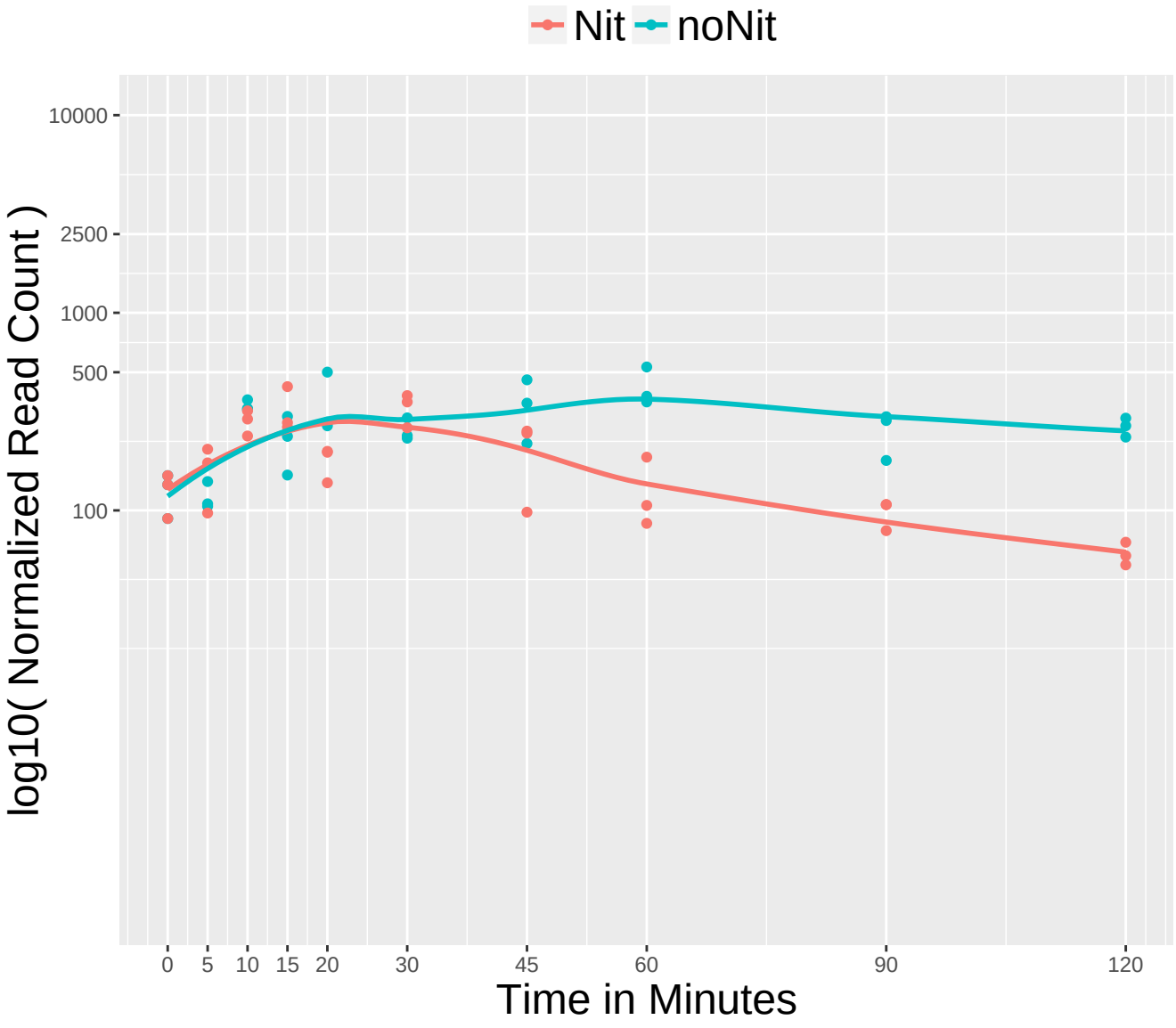

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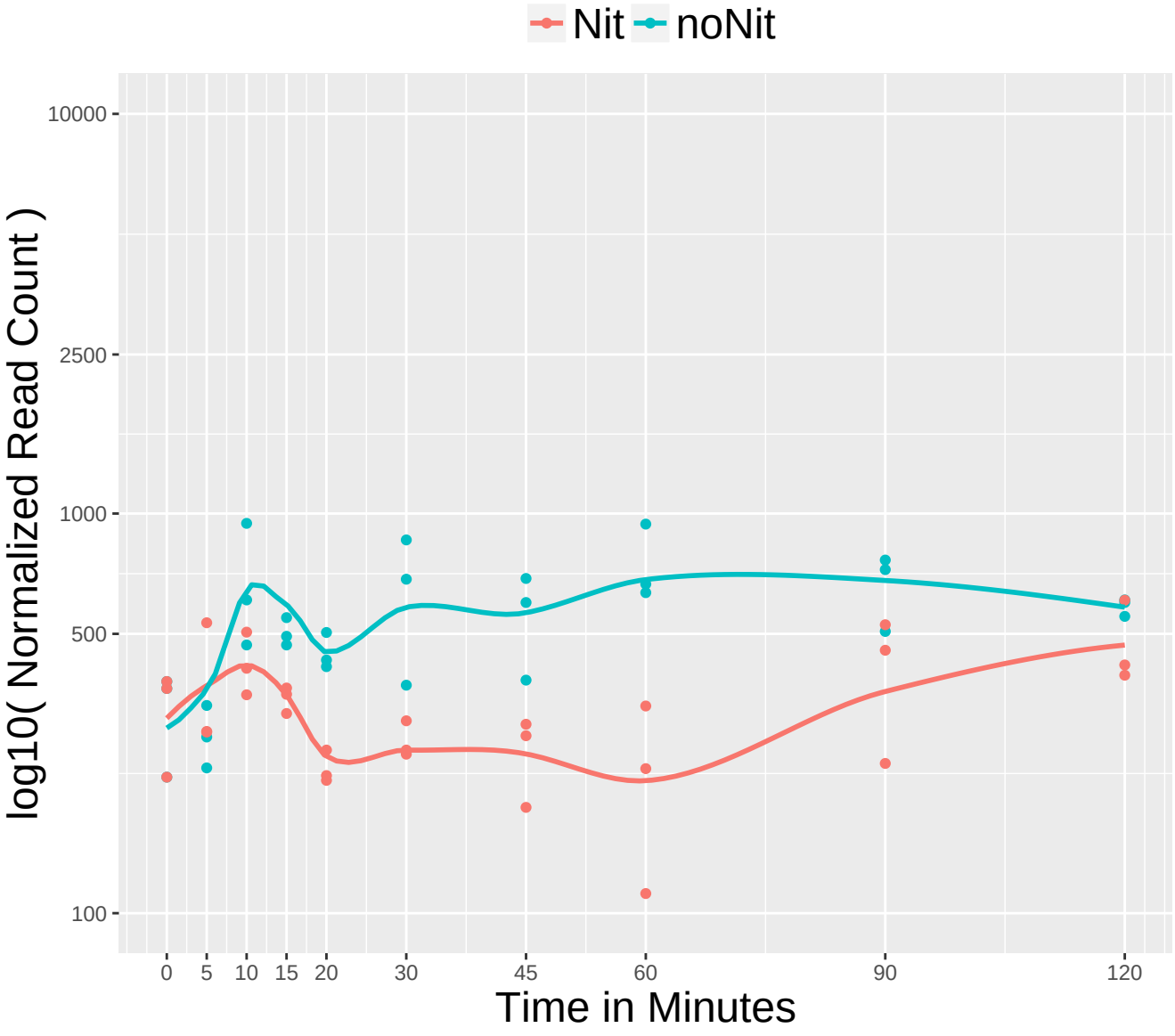

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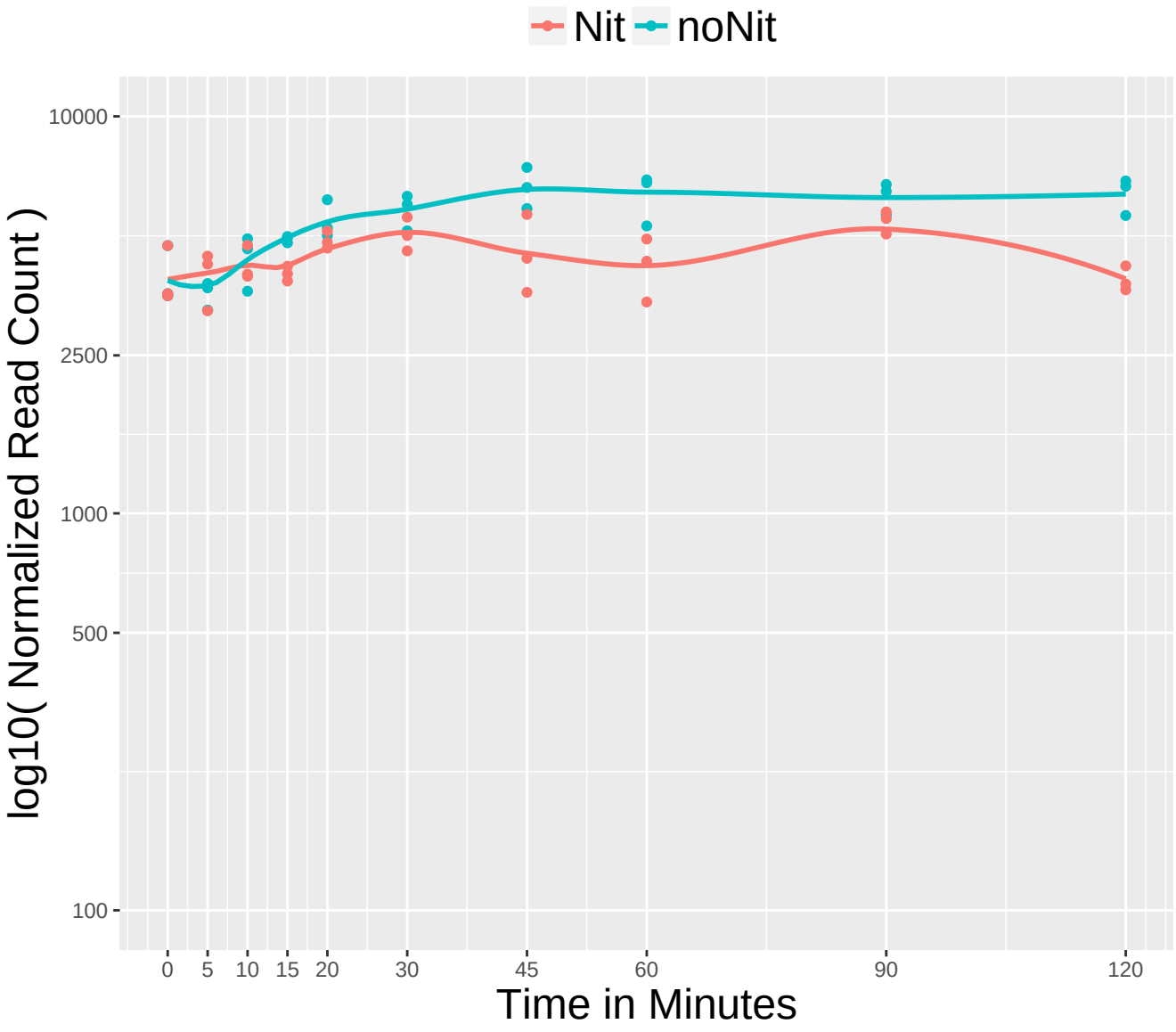
CER9,ECERIFERUM



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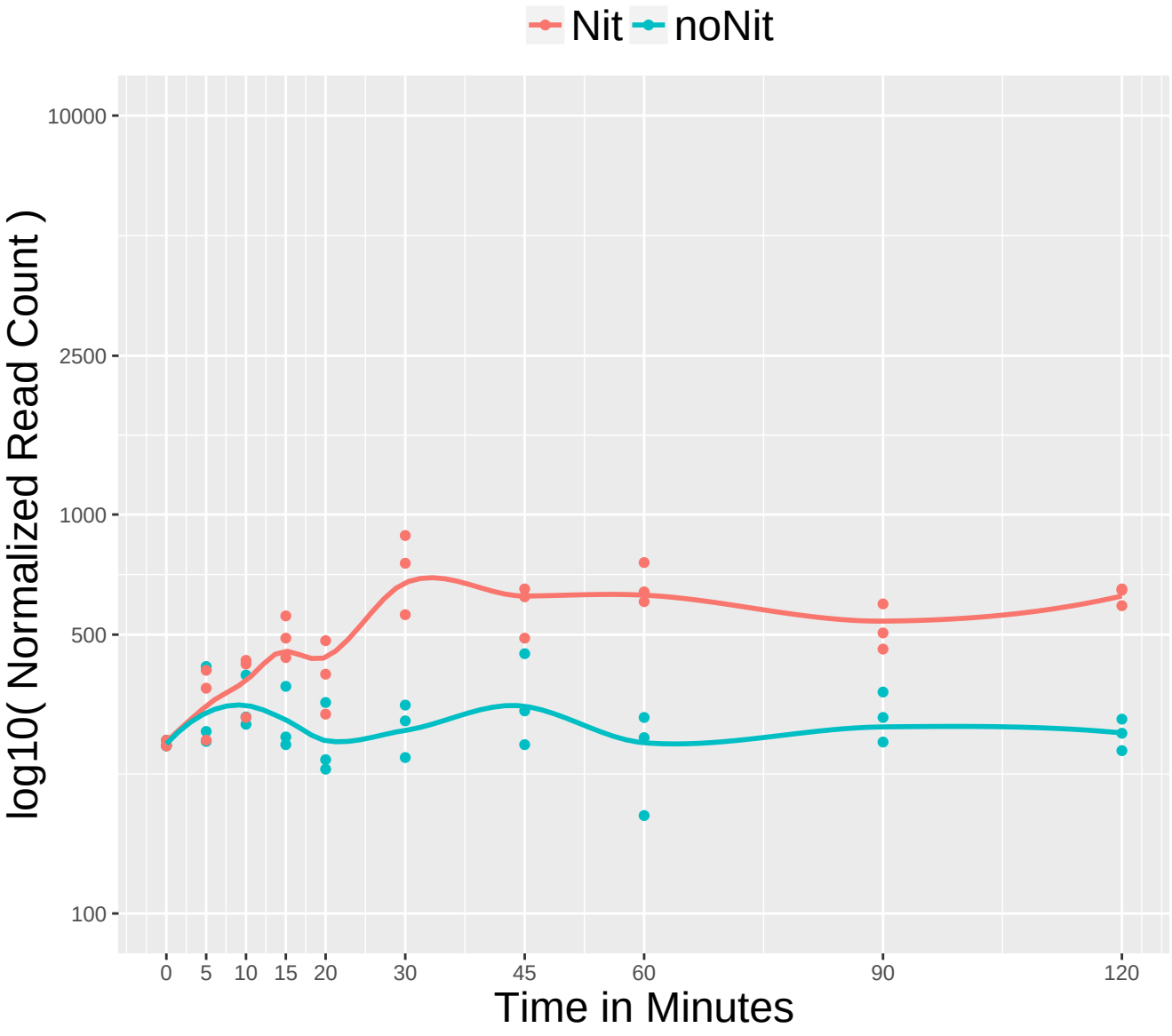
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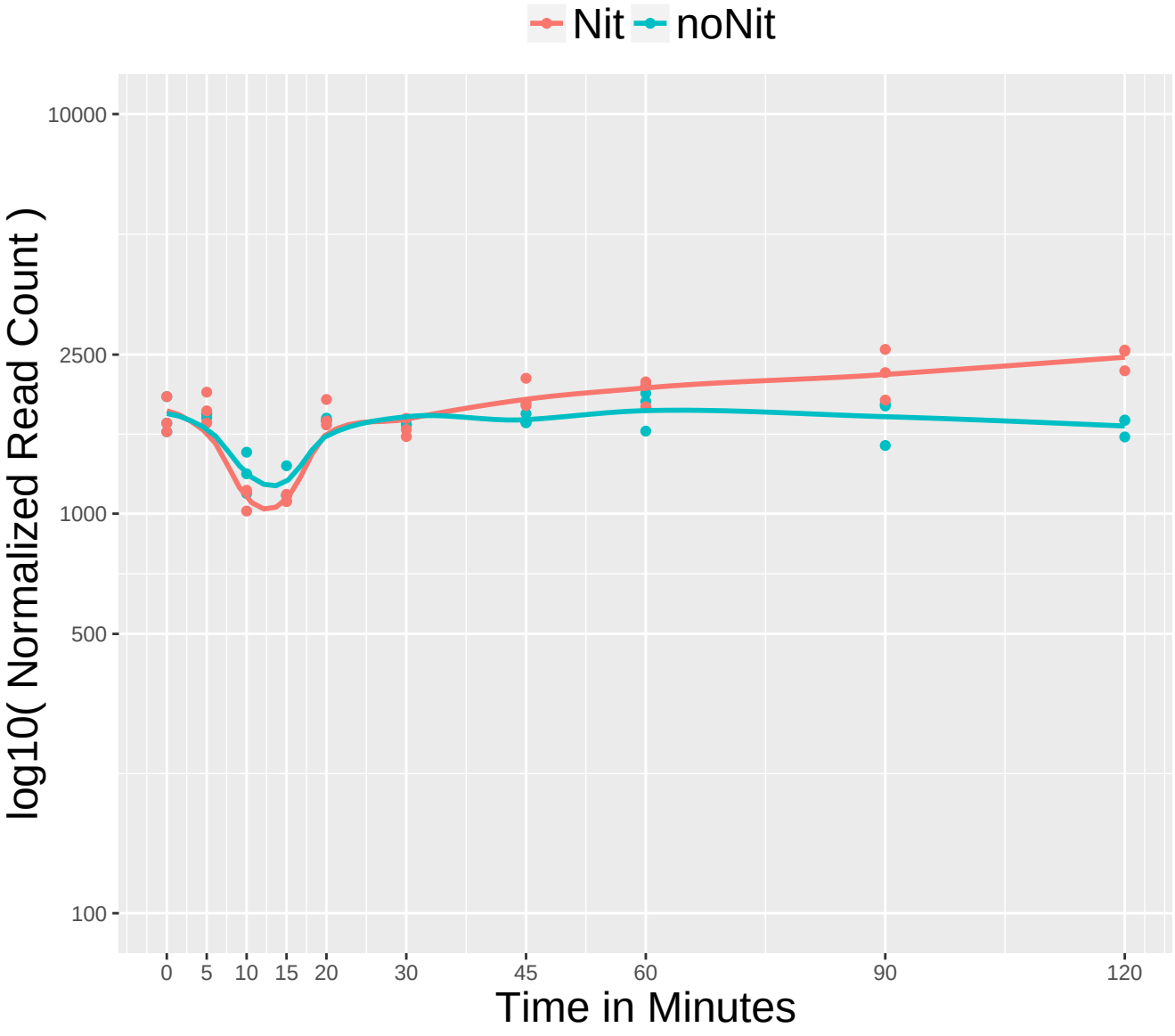
bZIP19



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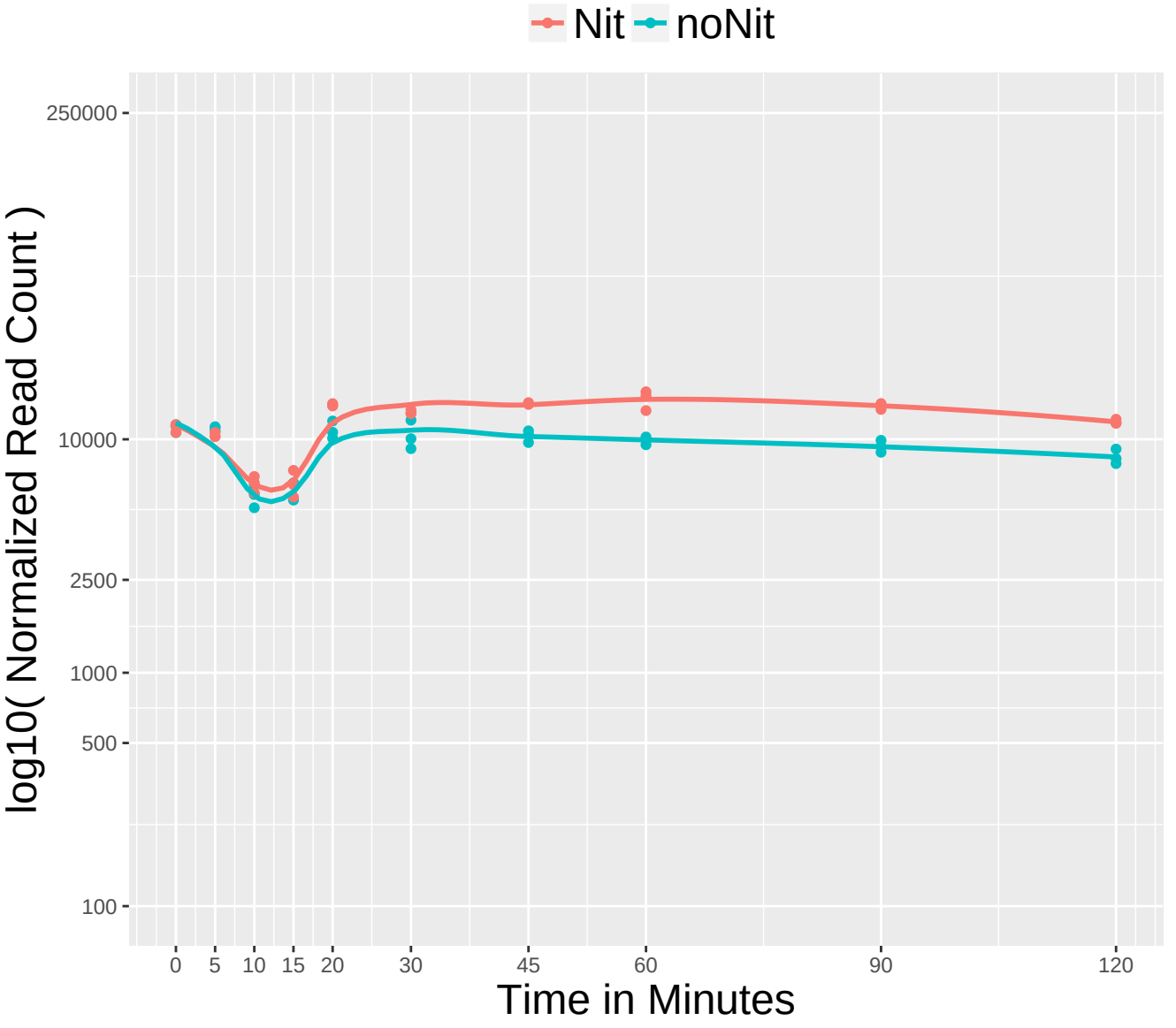

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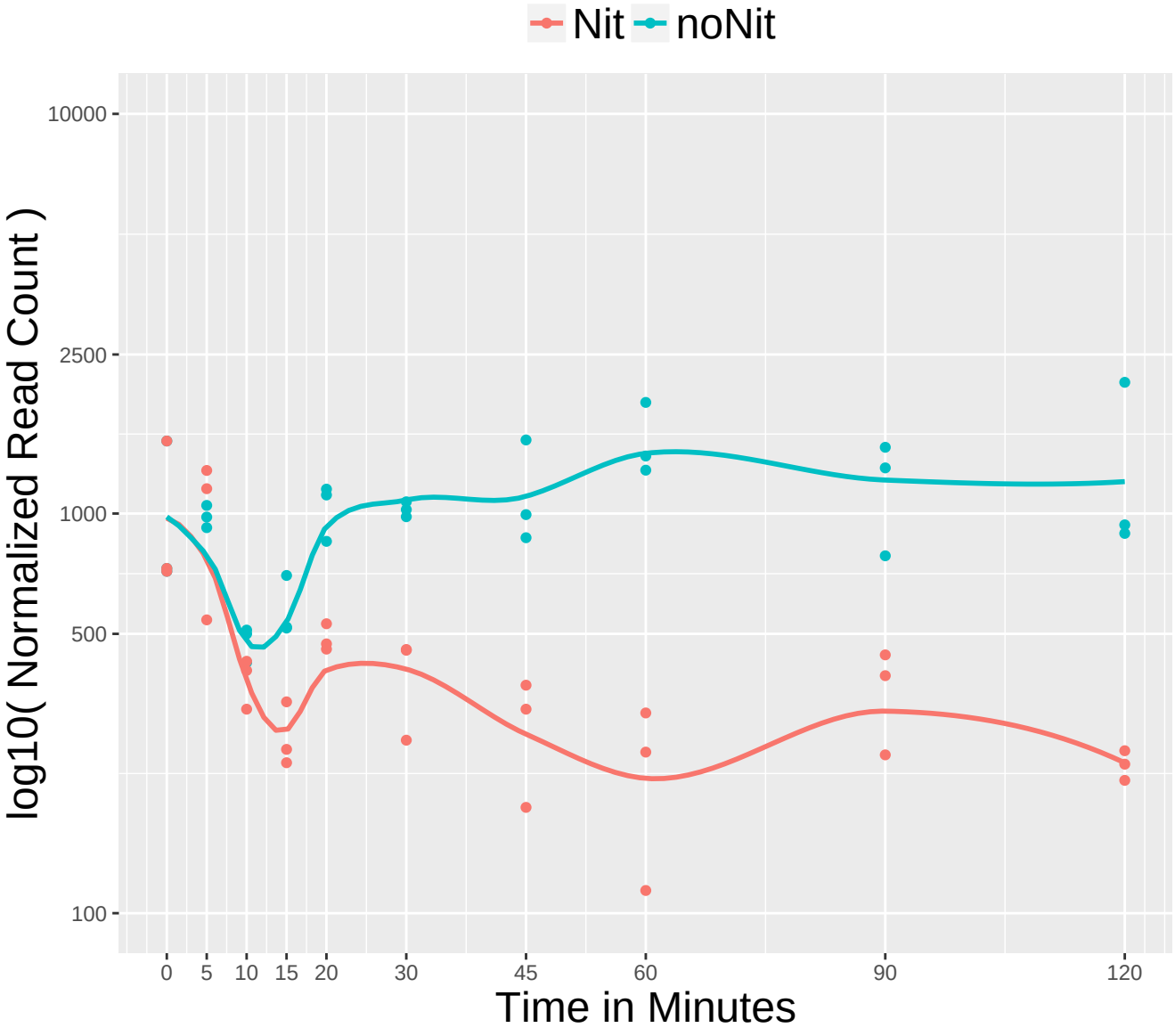

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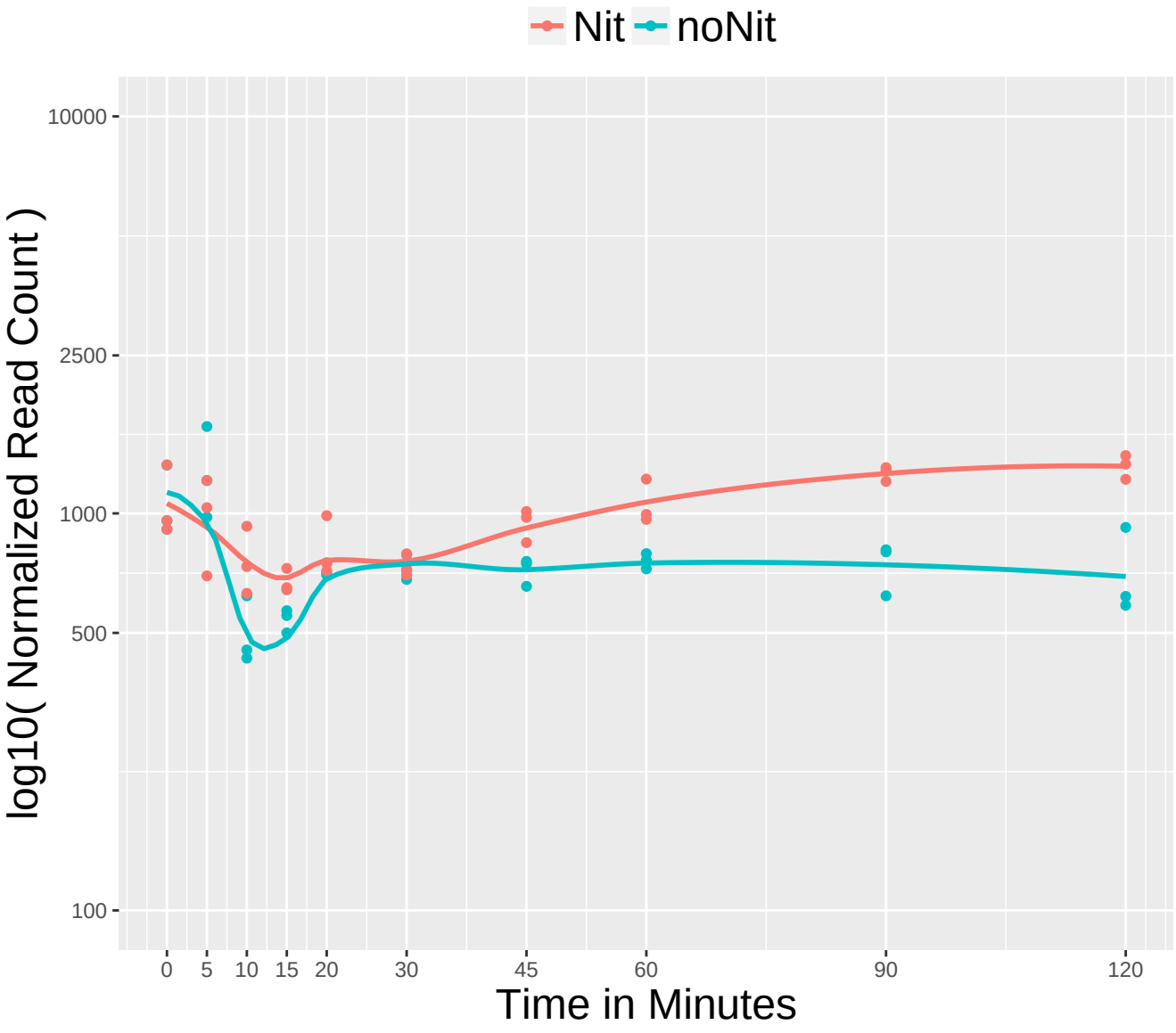
ATWRKY27,ARABIDOPSIS



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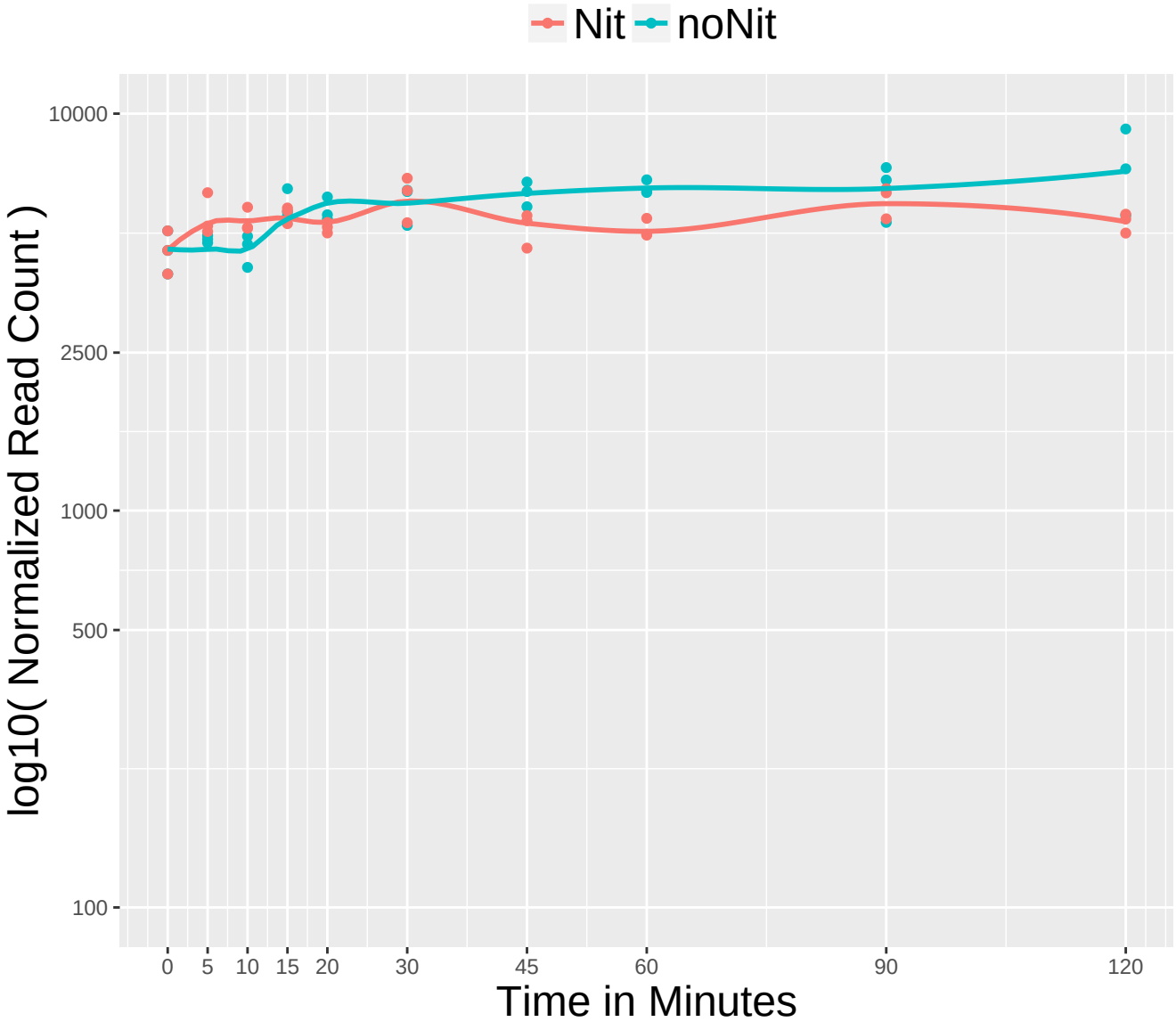

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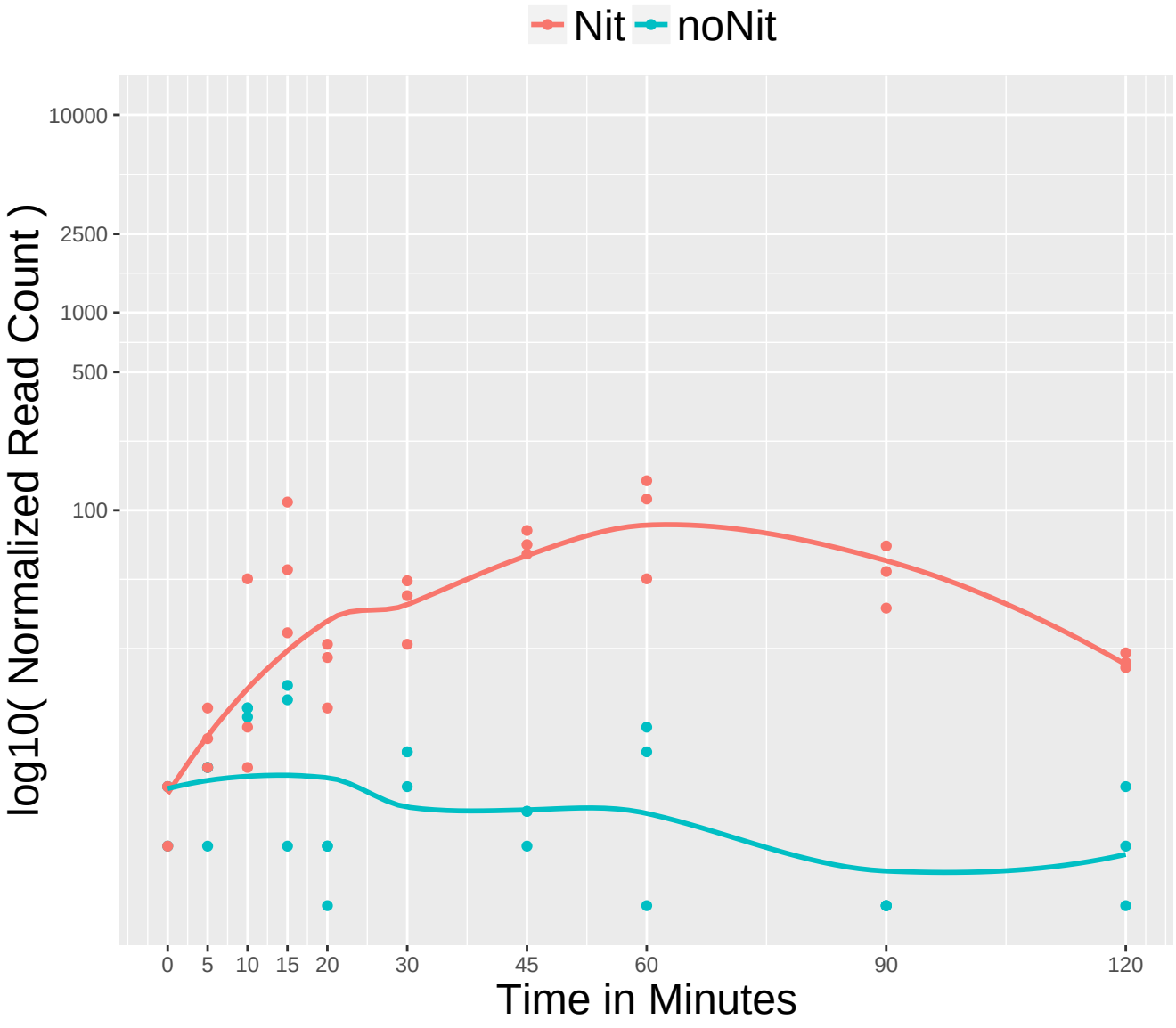
C2H2−type



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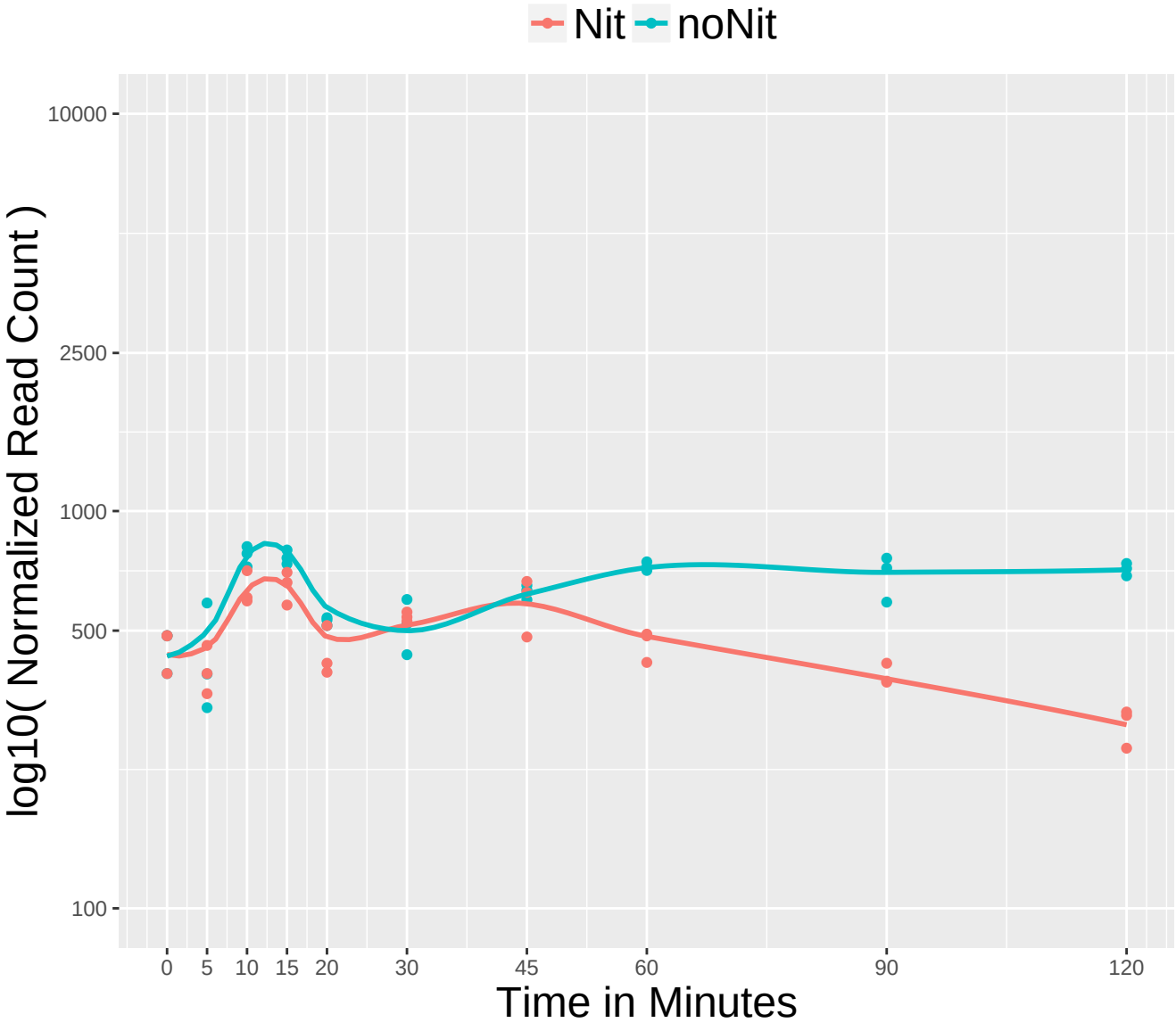

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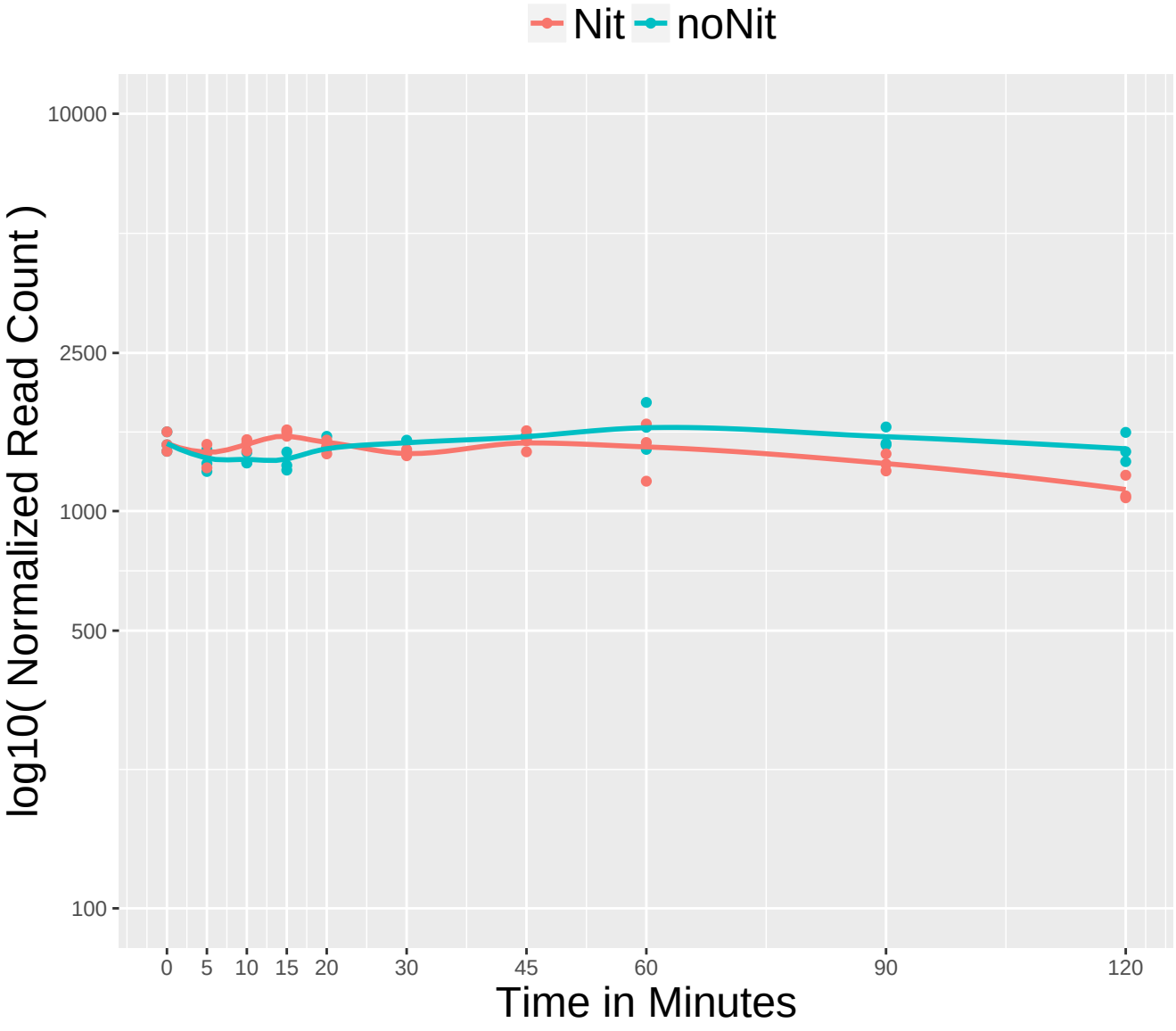

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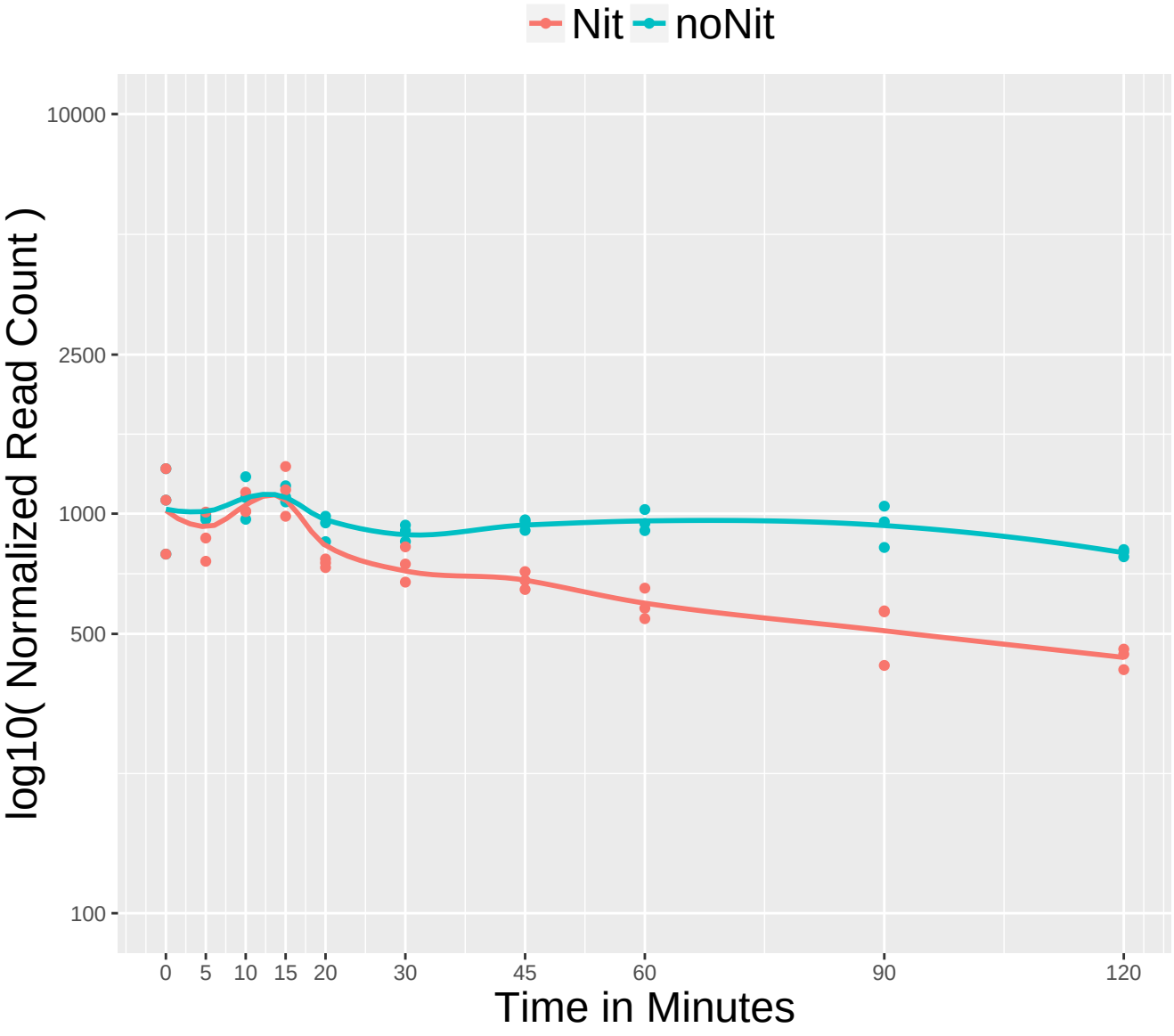

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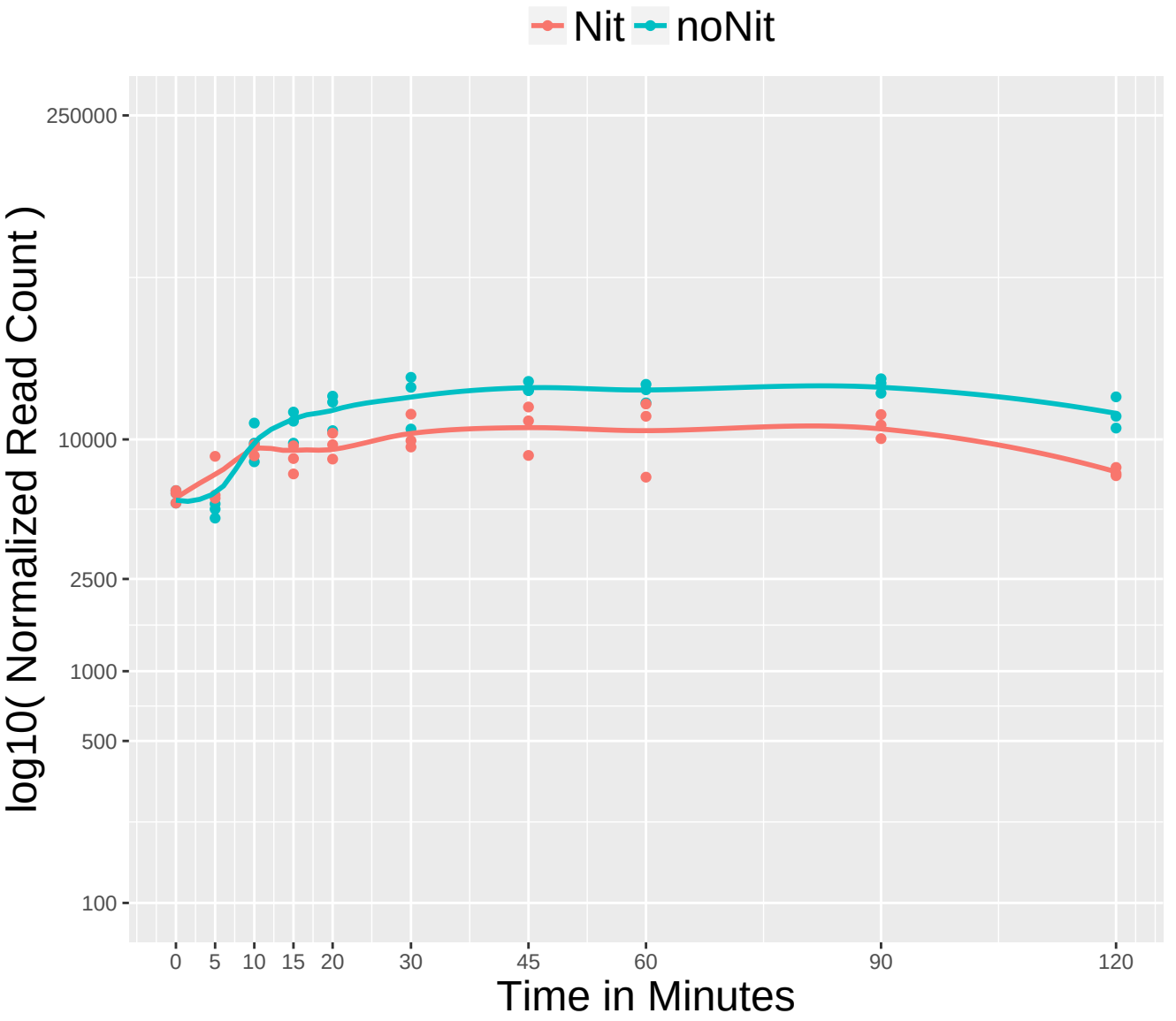

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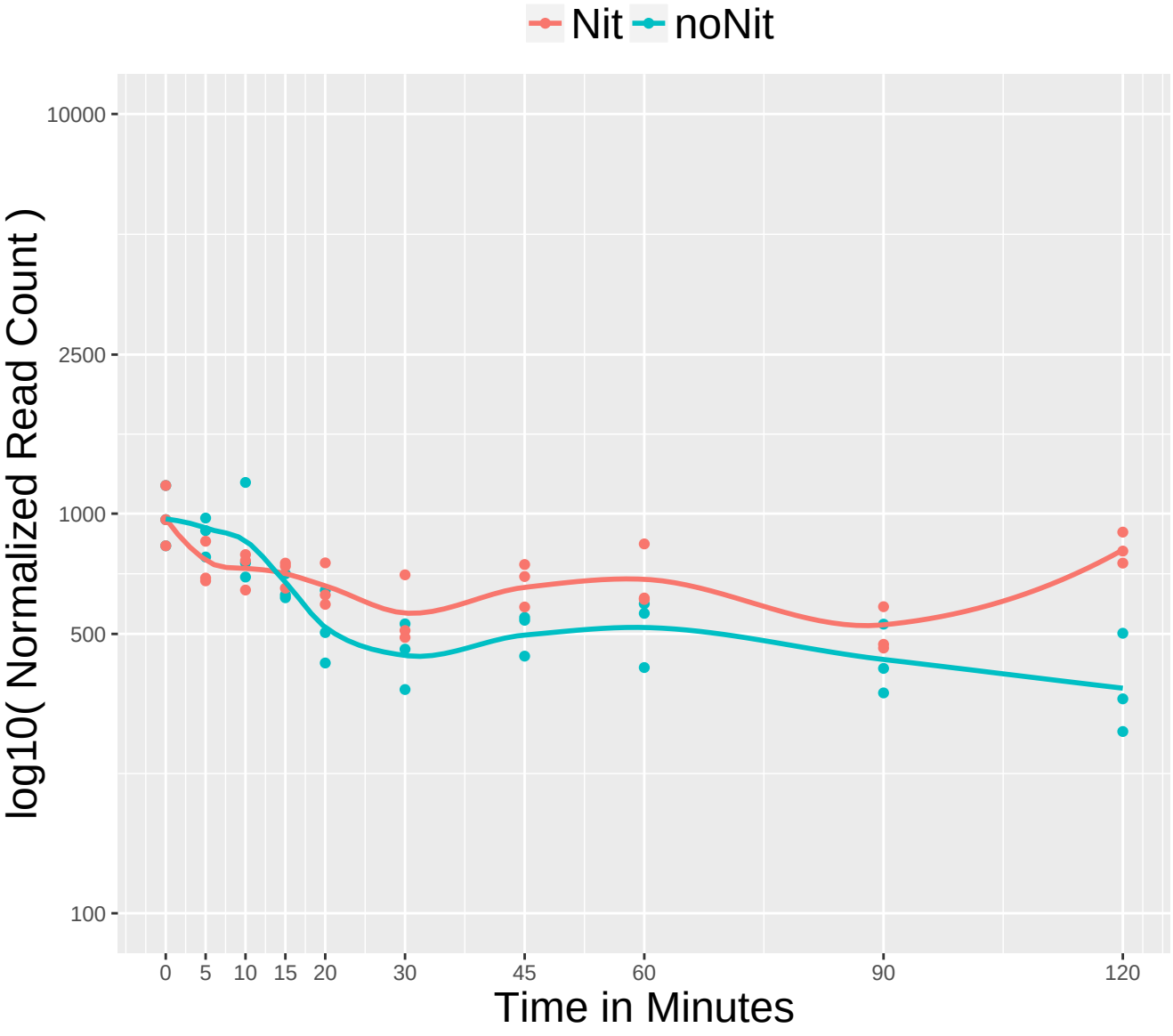
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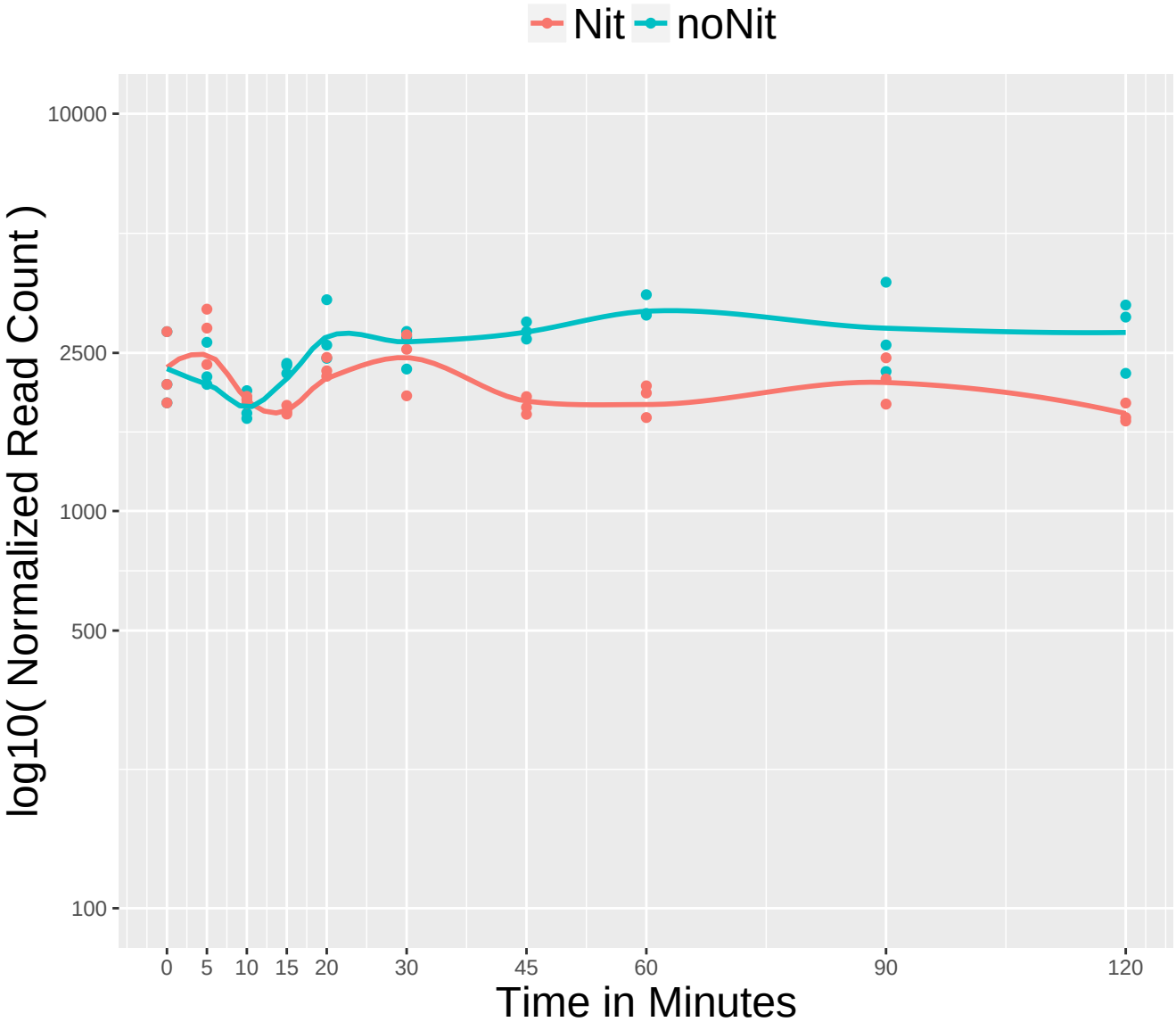
ATWRKY25,,WRKY25,WRKY



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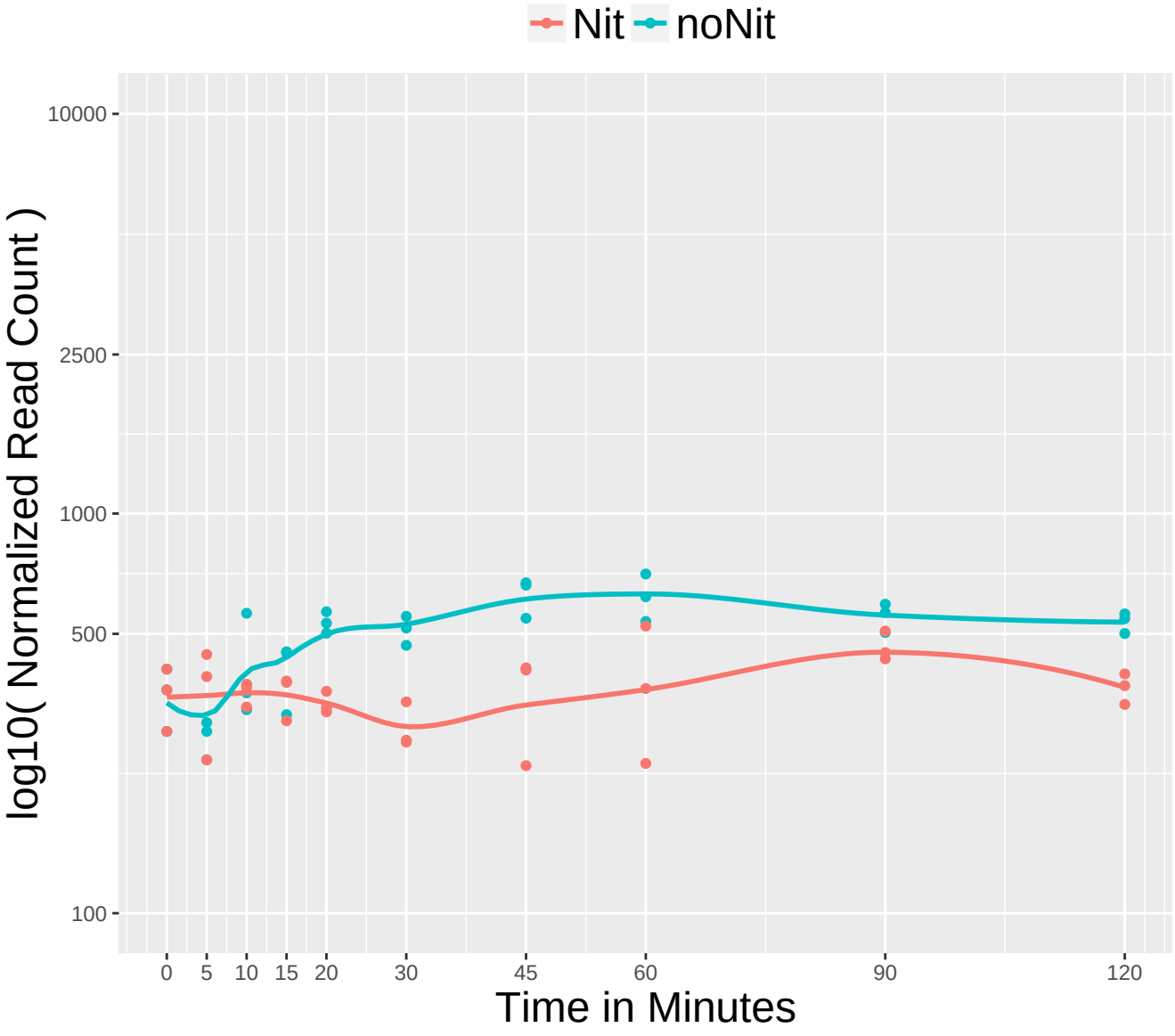

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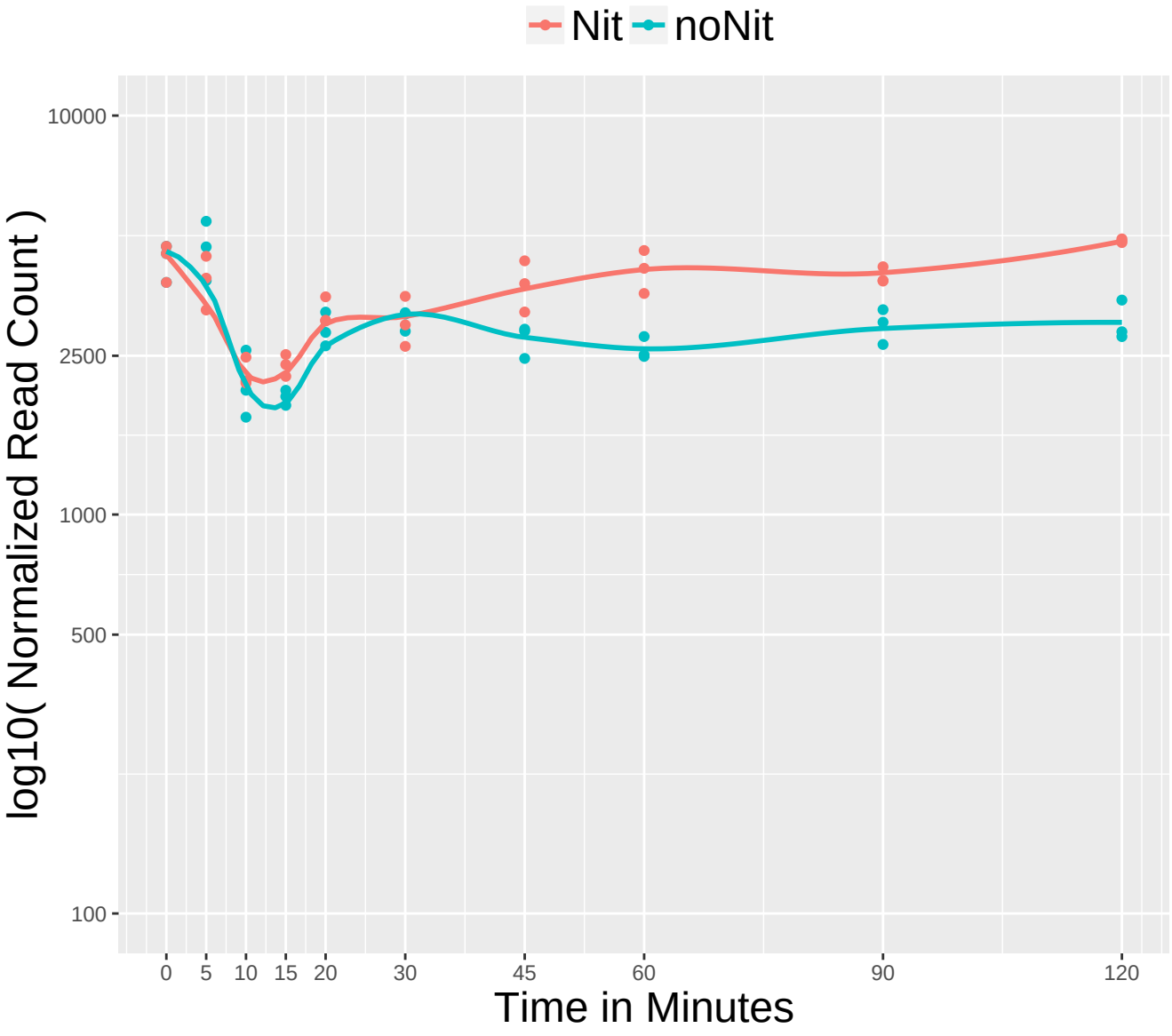
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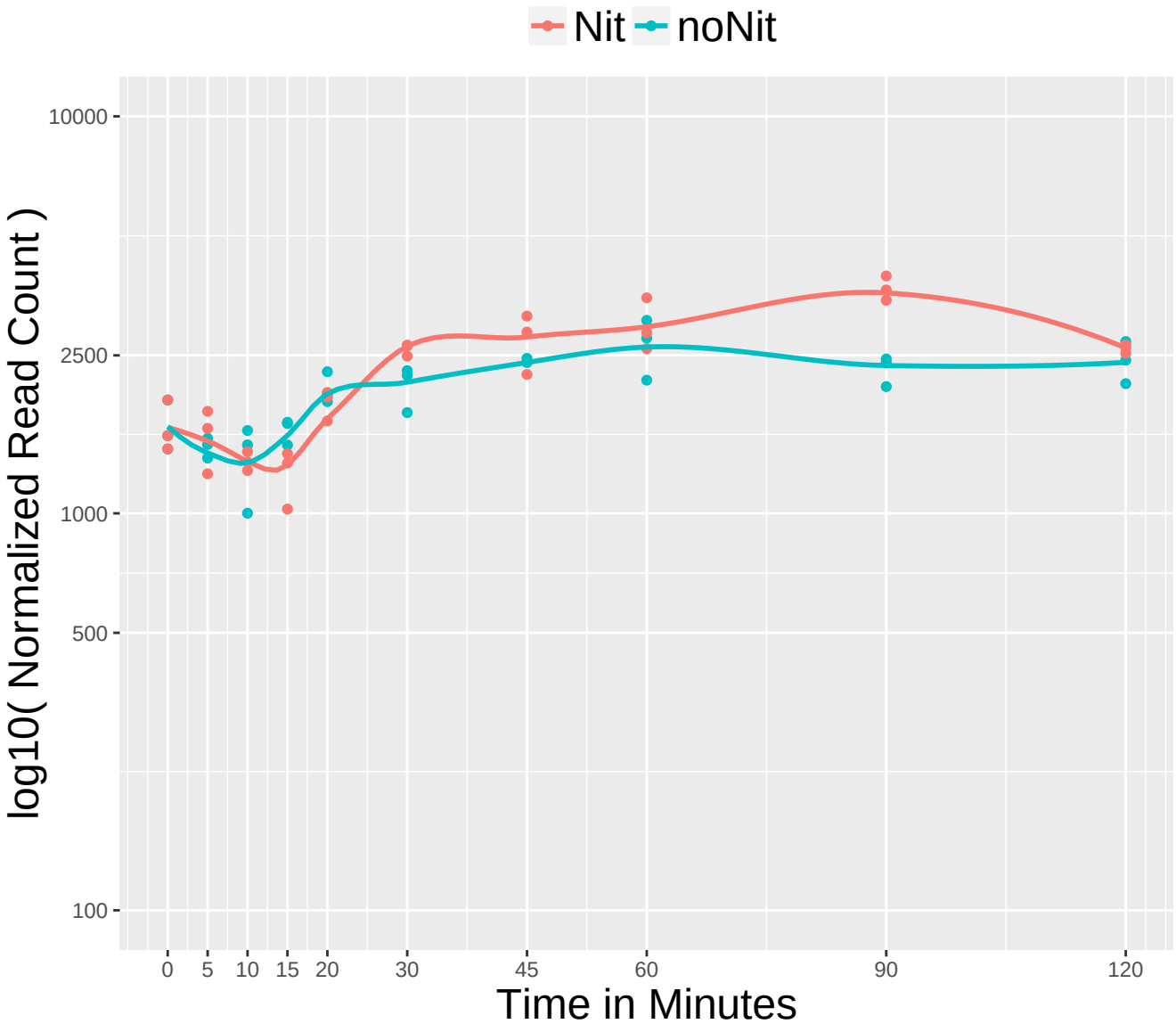
LRS1,LATERAL



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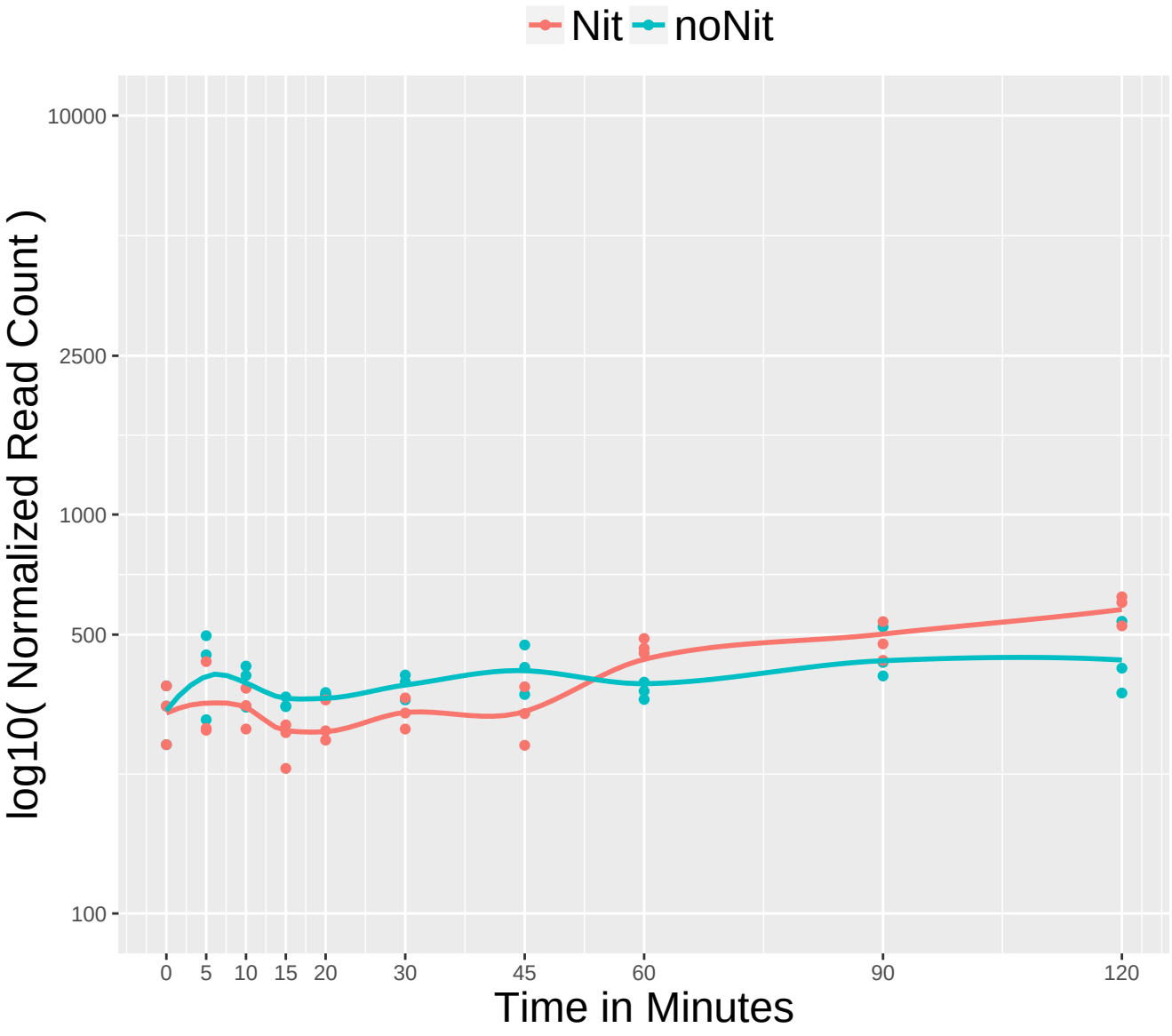
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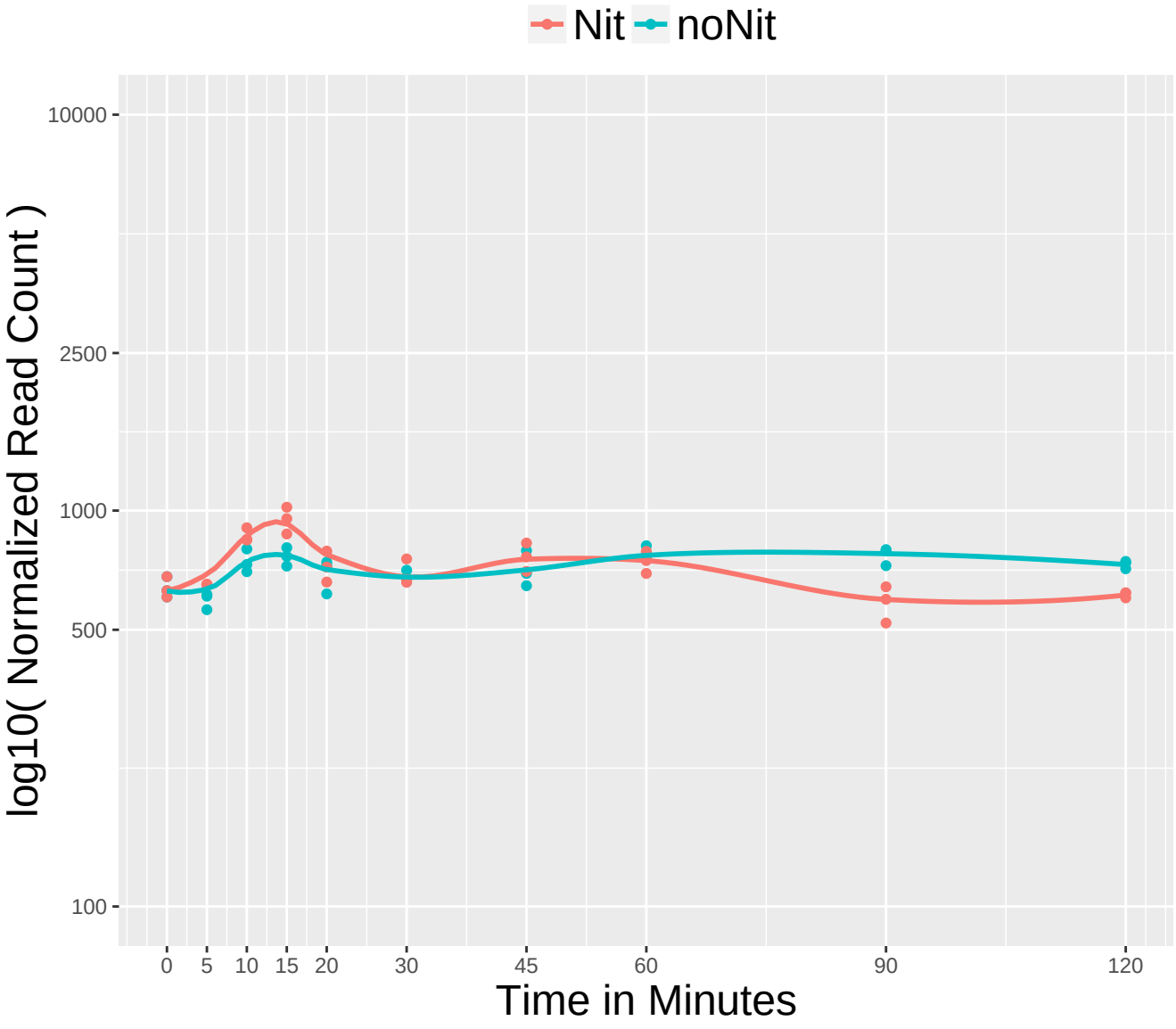
AT3G18160

PEX3−1,peroxin



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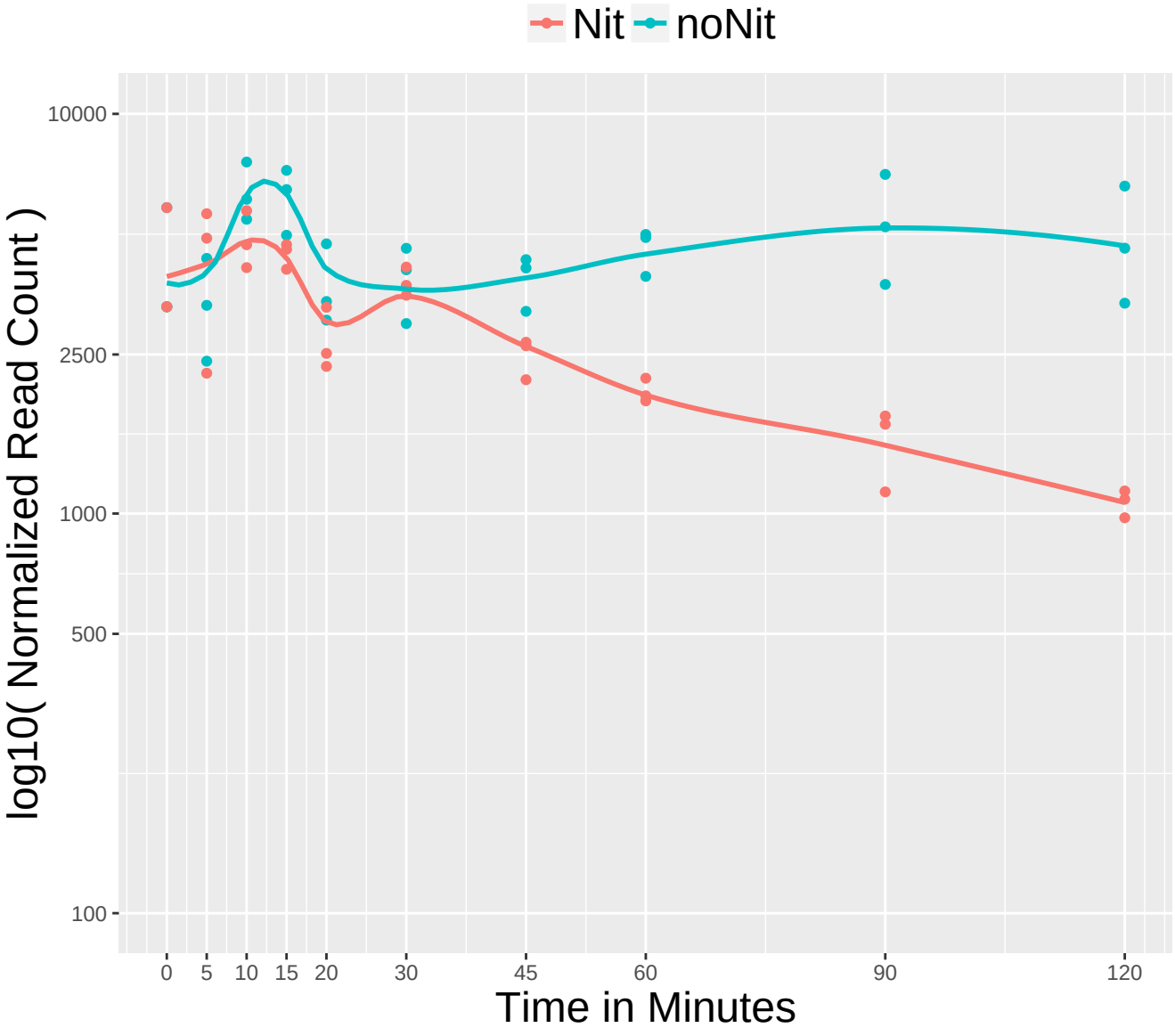

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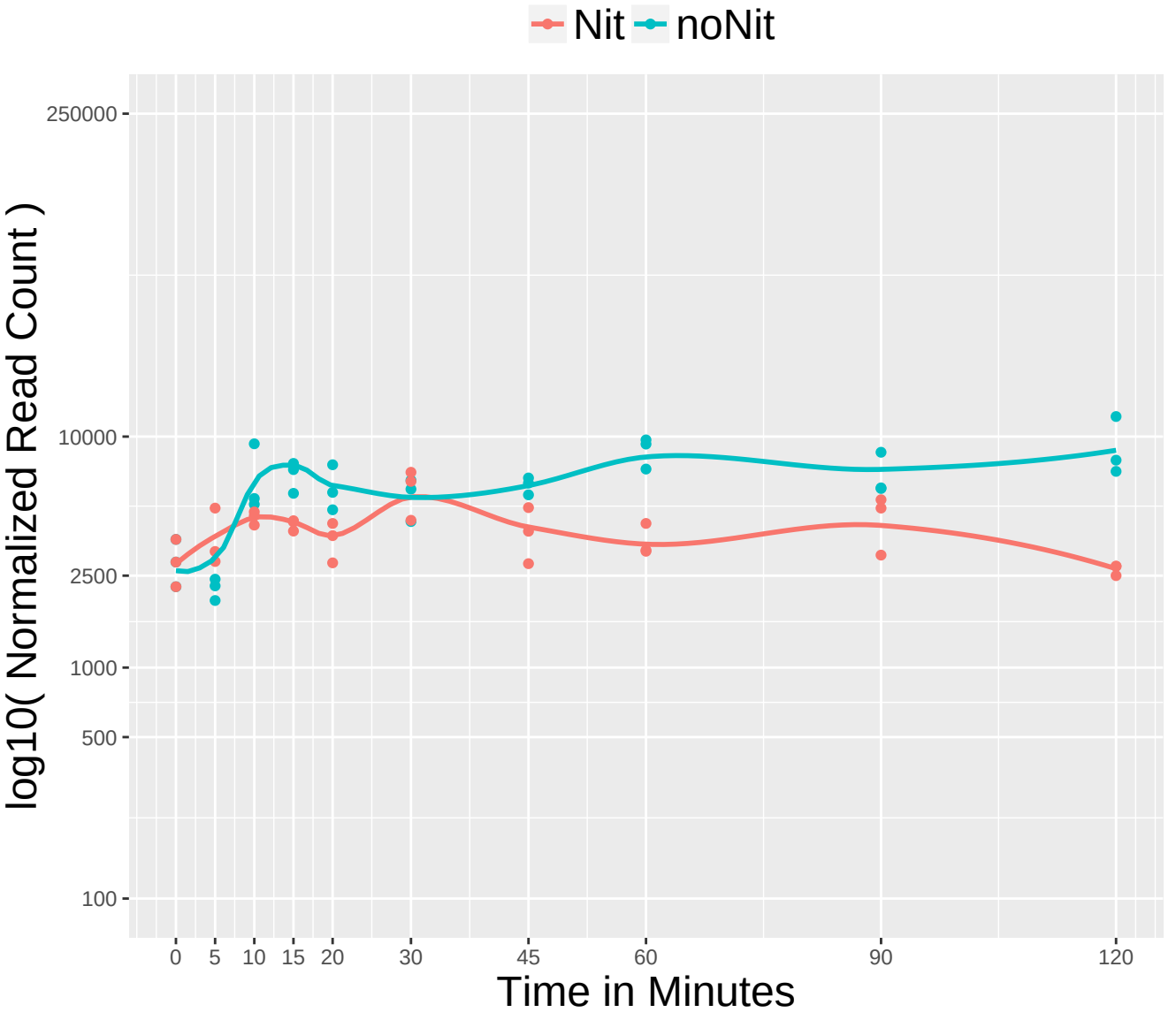

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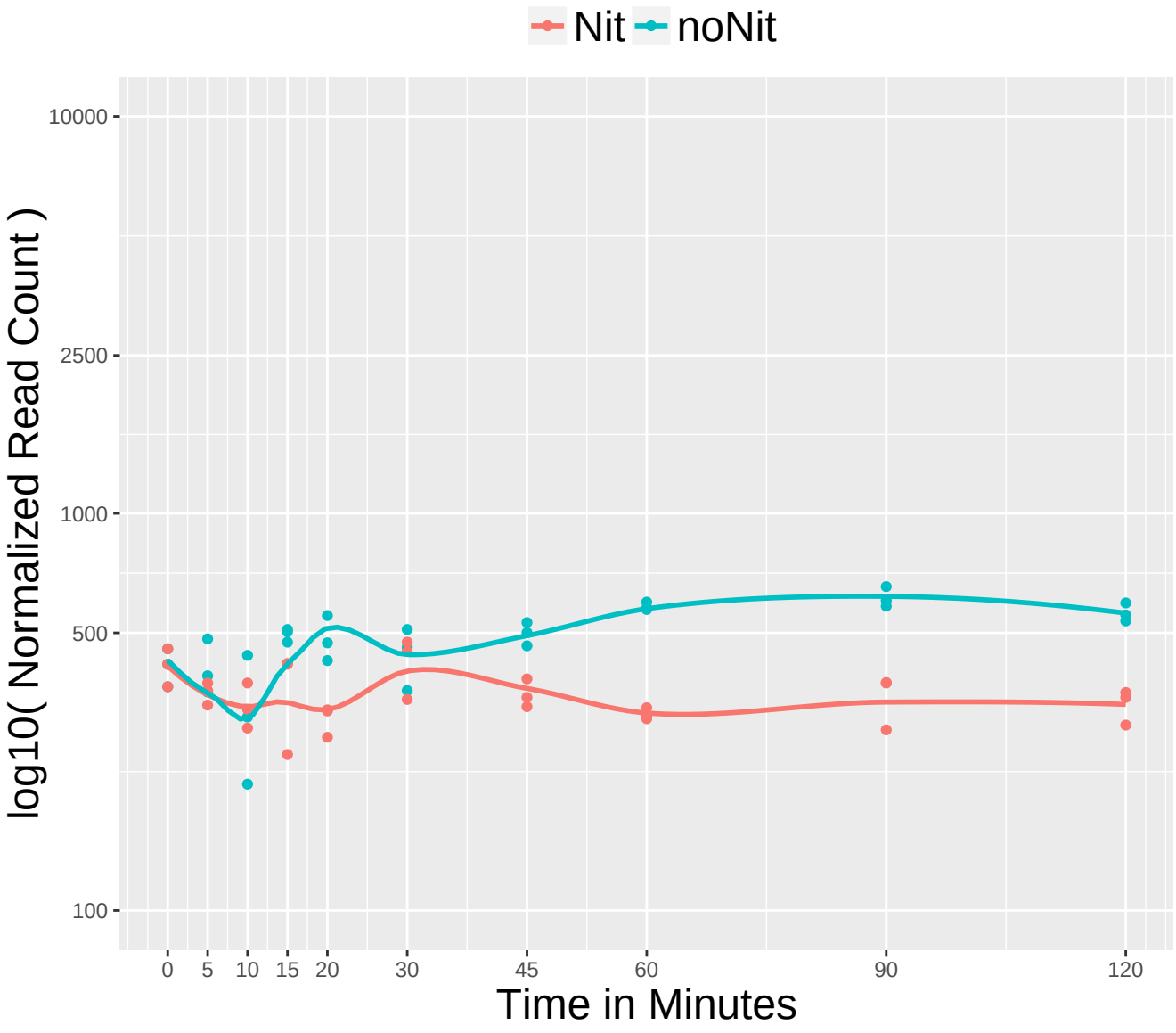

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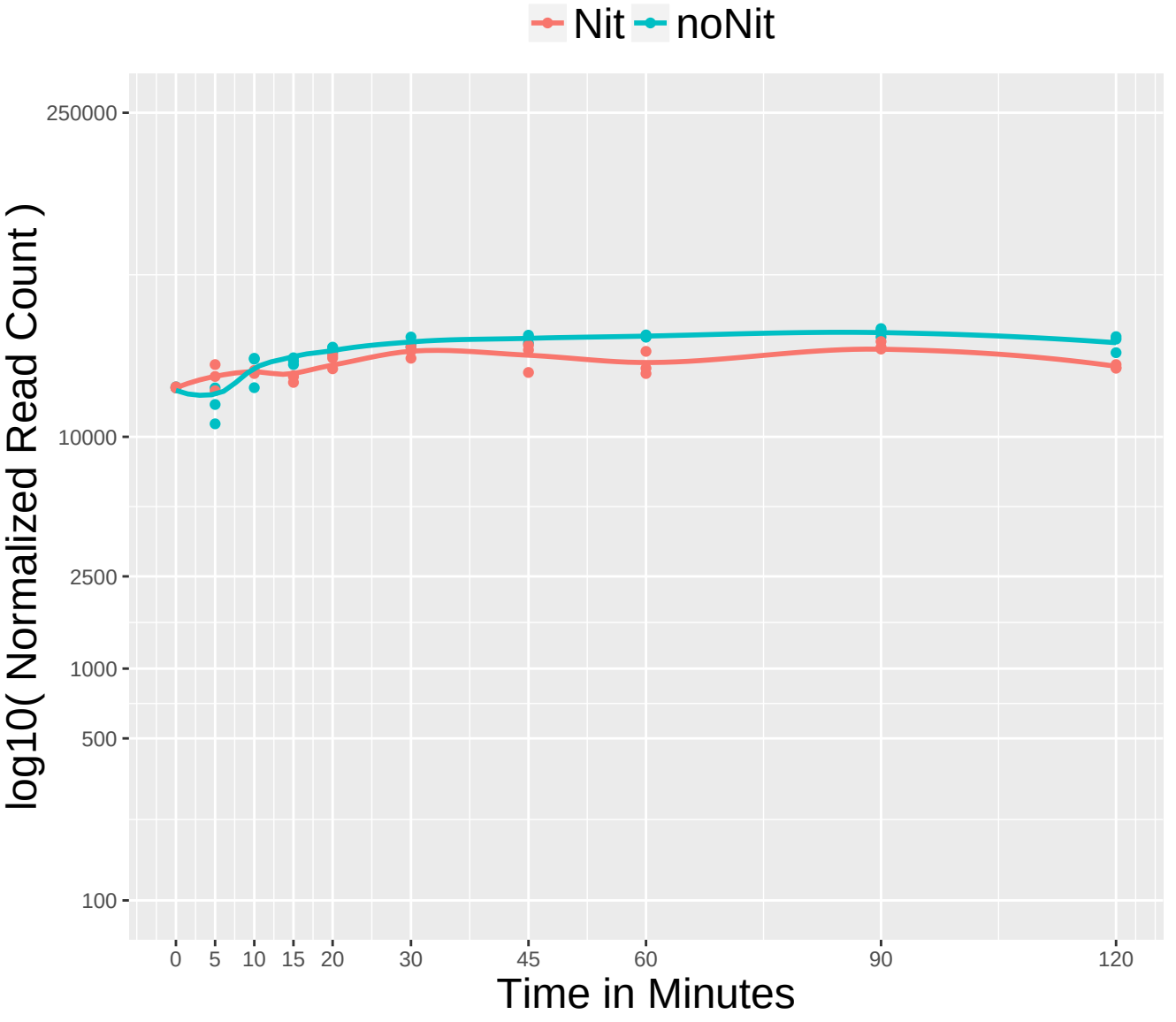
ACT7,actin



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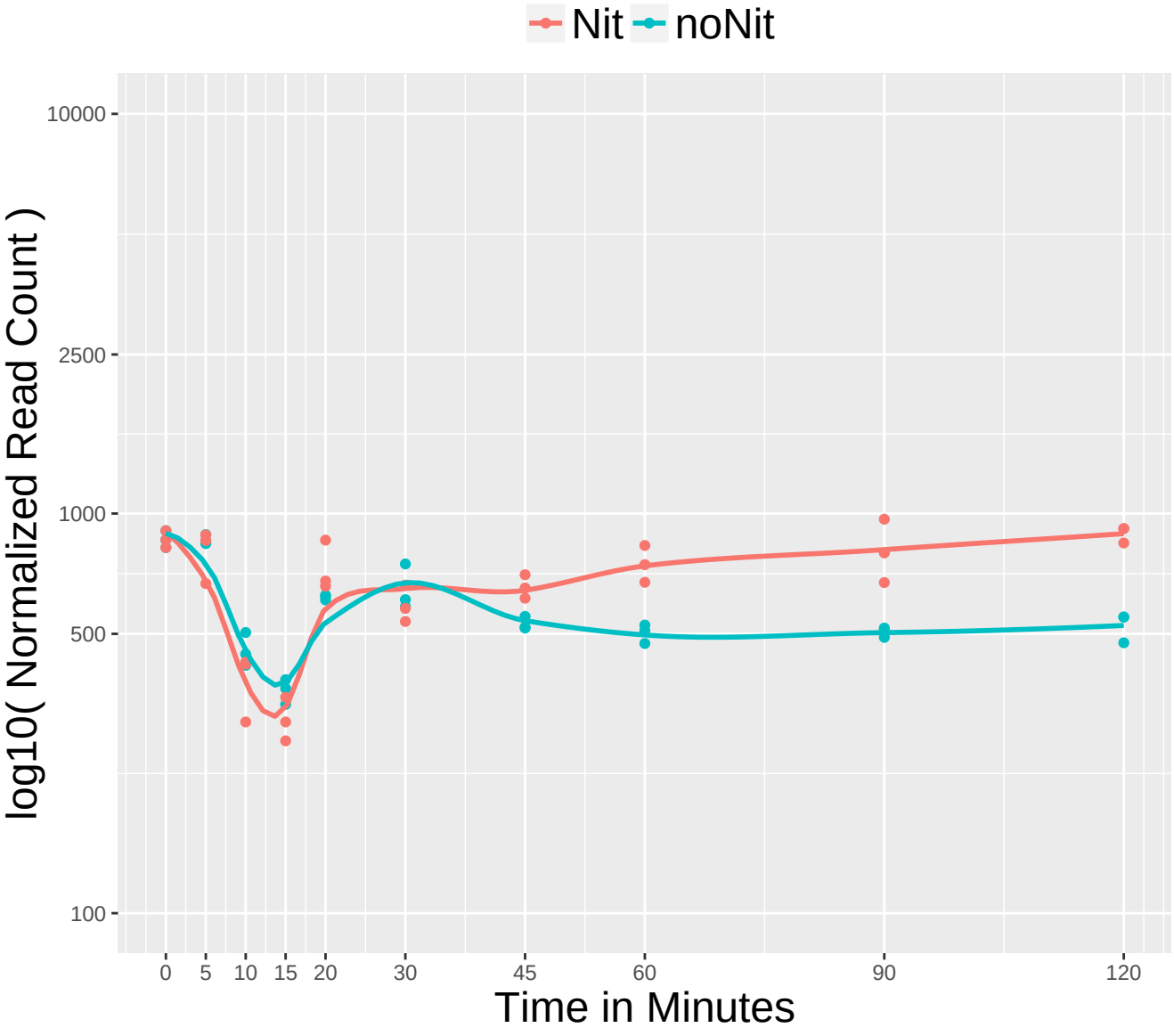

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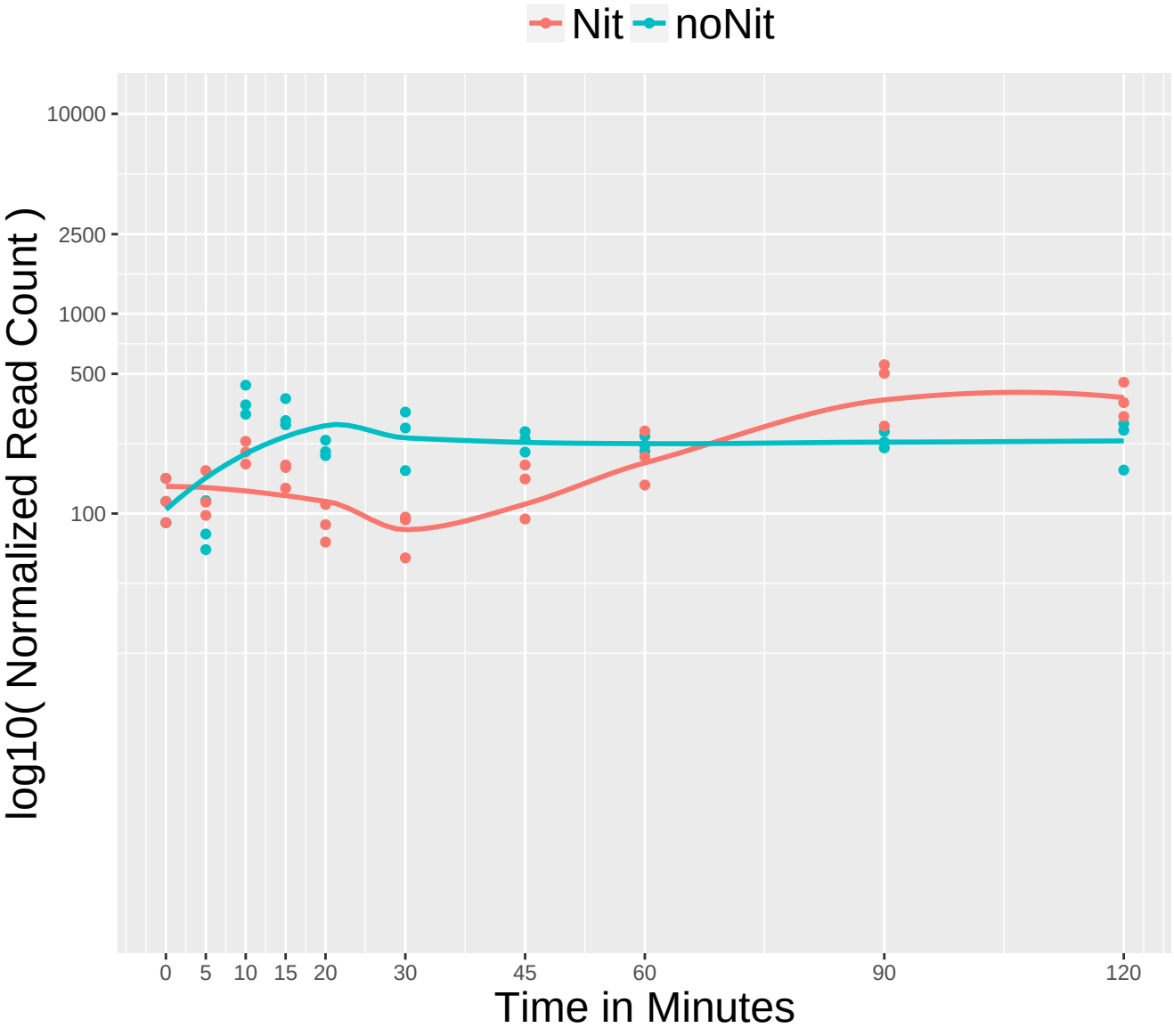
Protein



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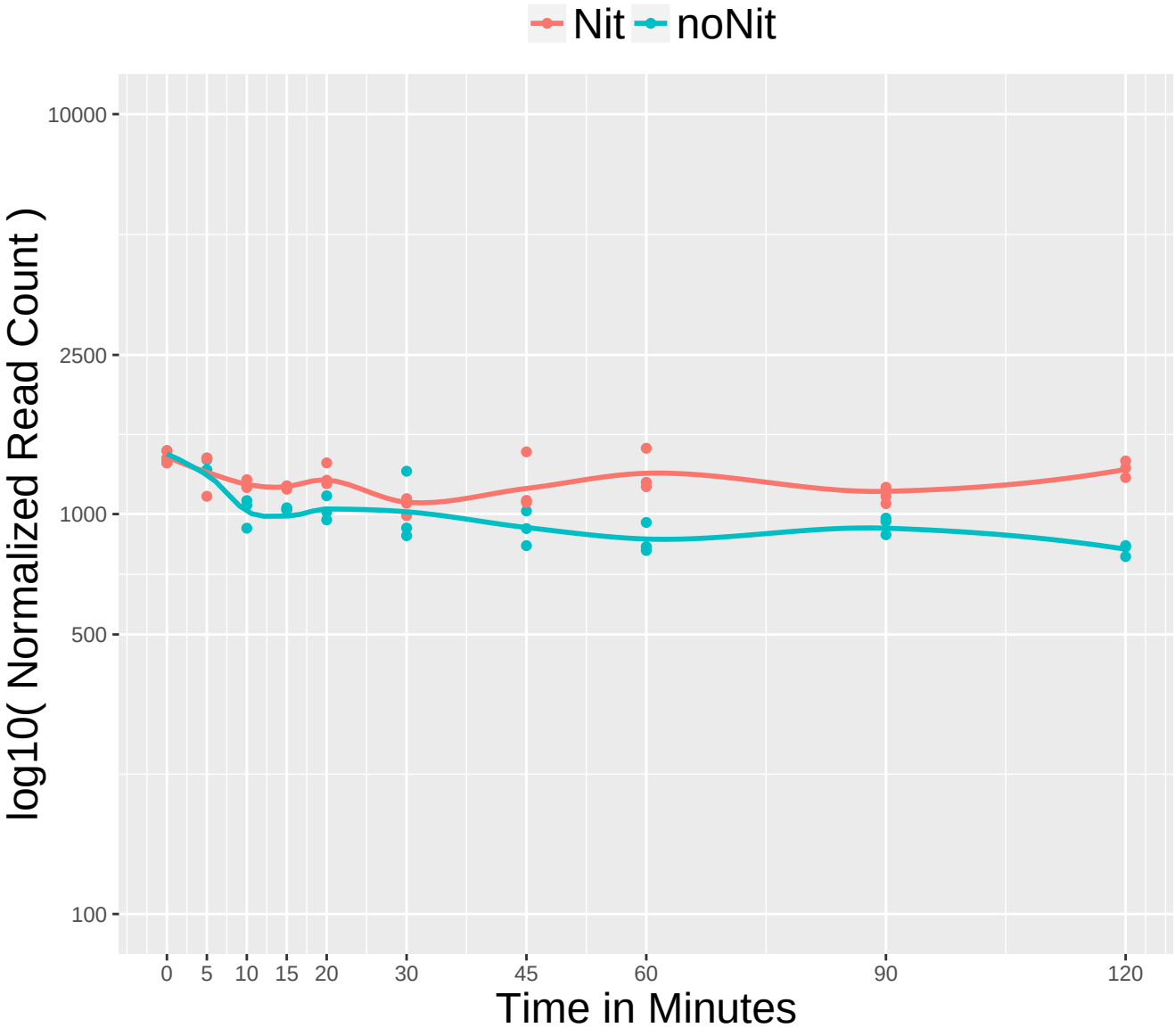
Sterile



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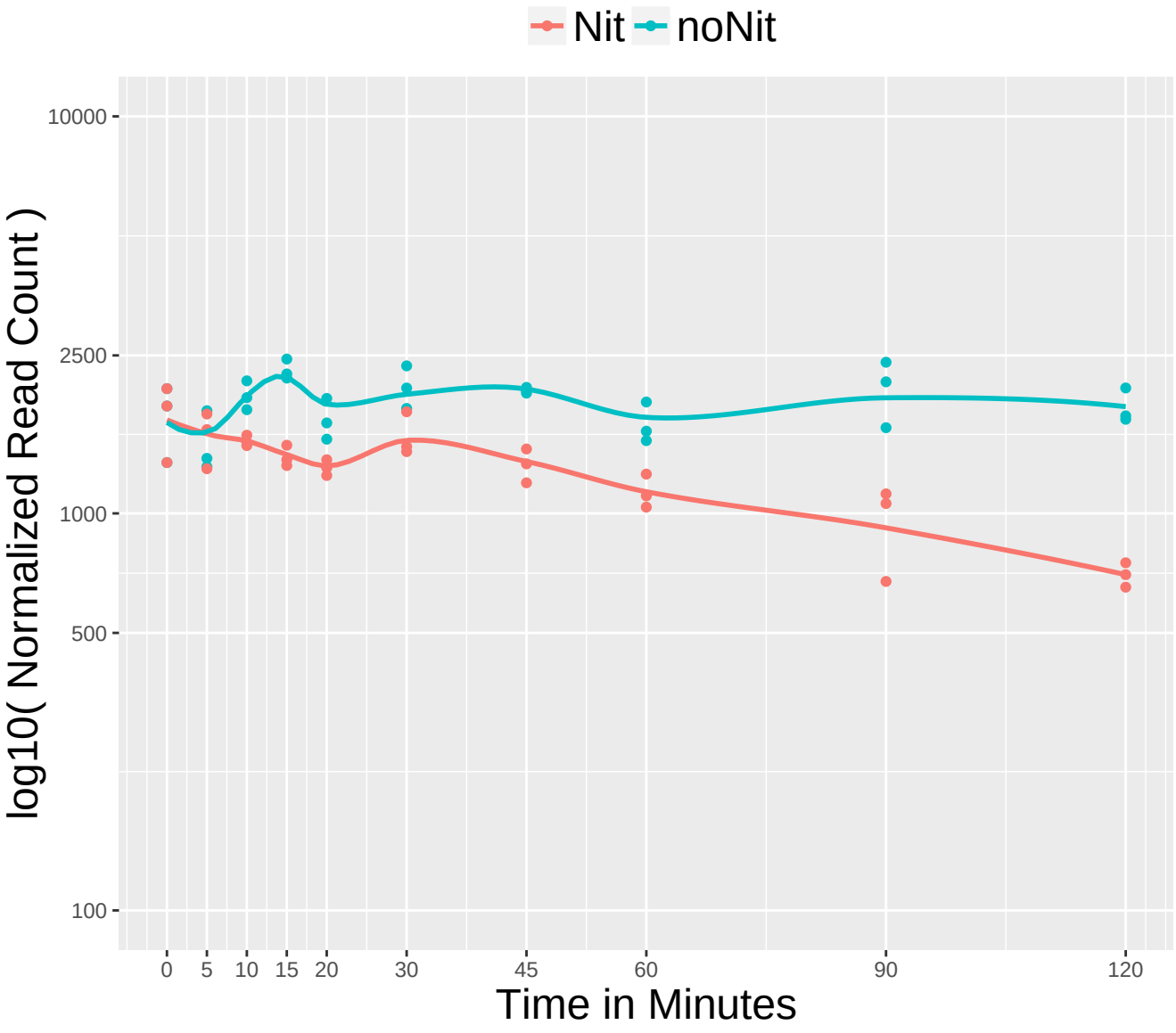
IRX15−L,IRX15−LIKE



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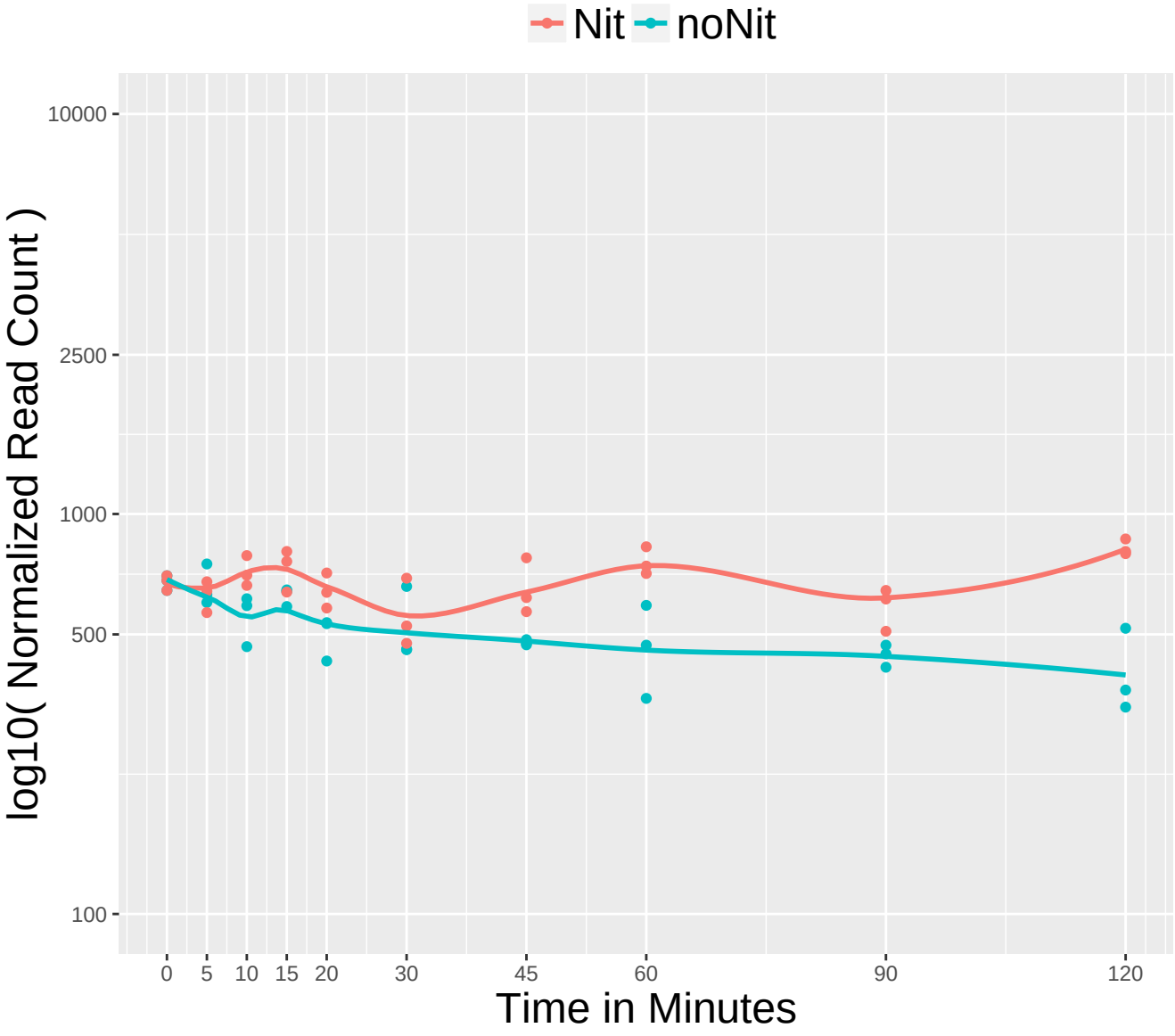

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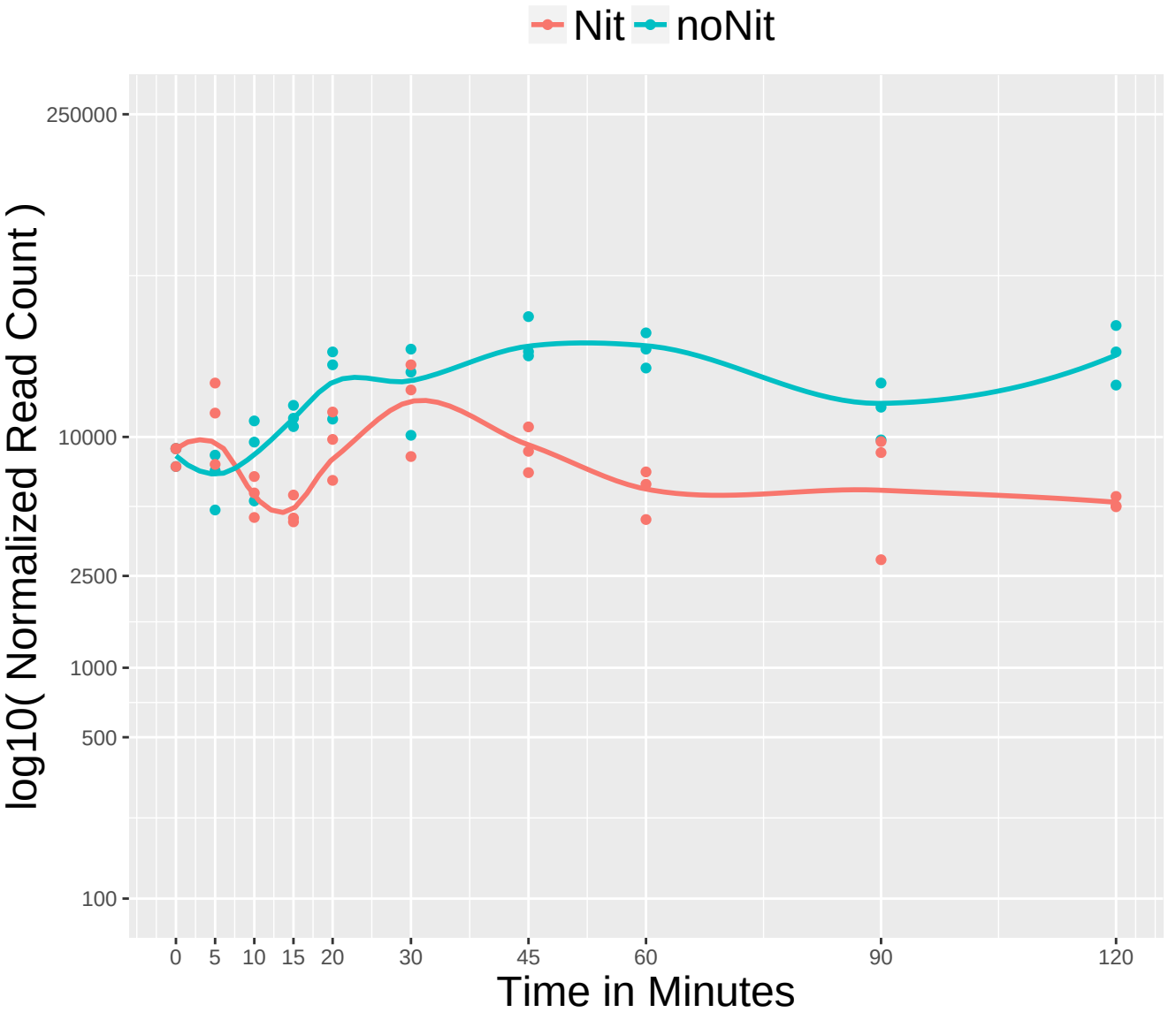
FAD−binding



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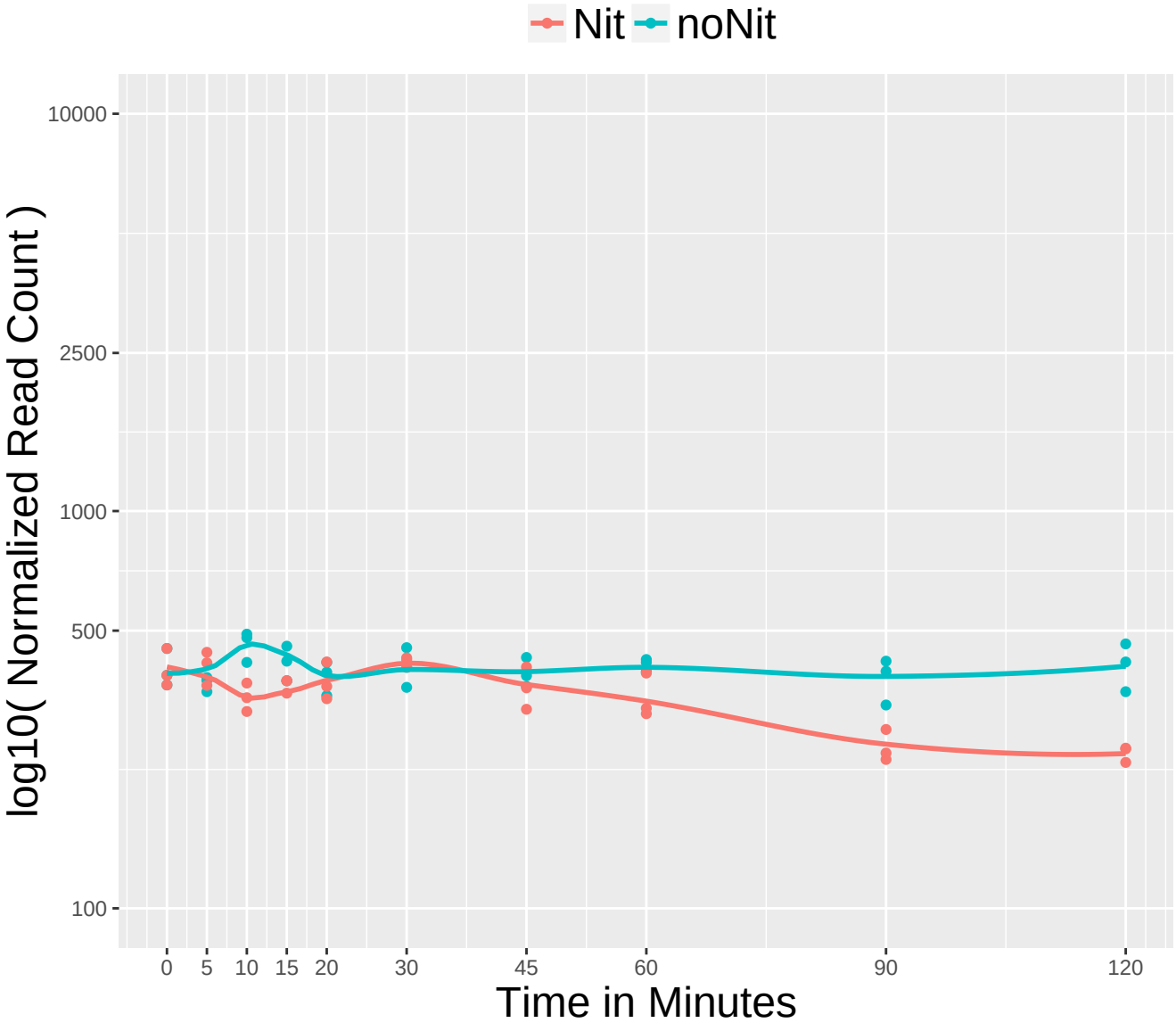
COR314−TM2,cold



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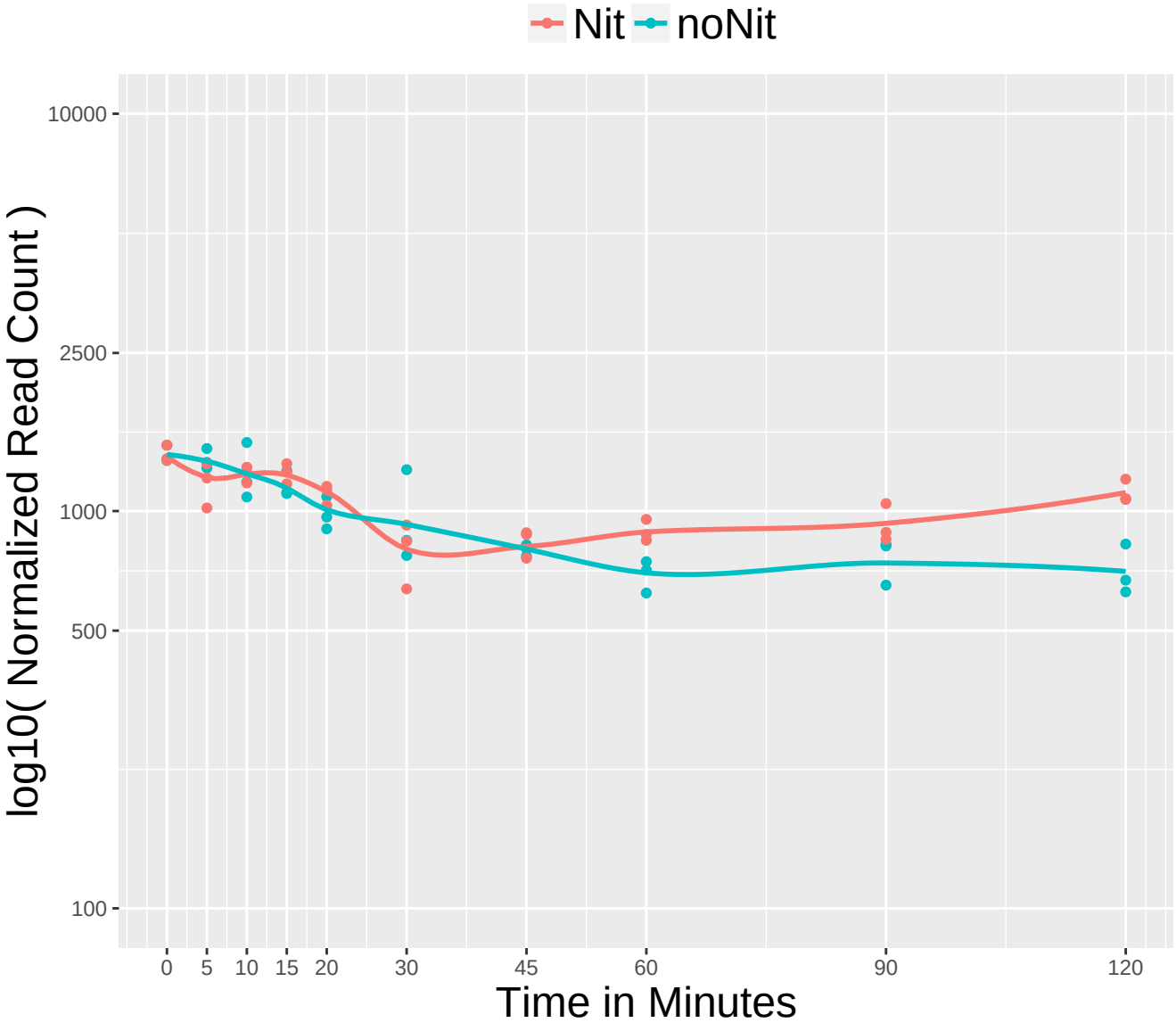
ATHKL1,,HKL1,hexokinase−like



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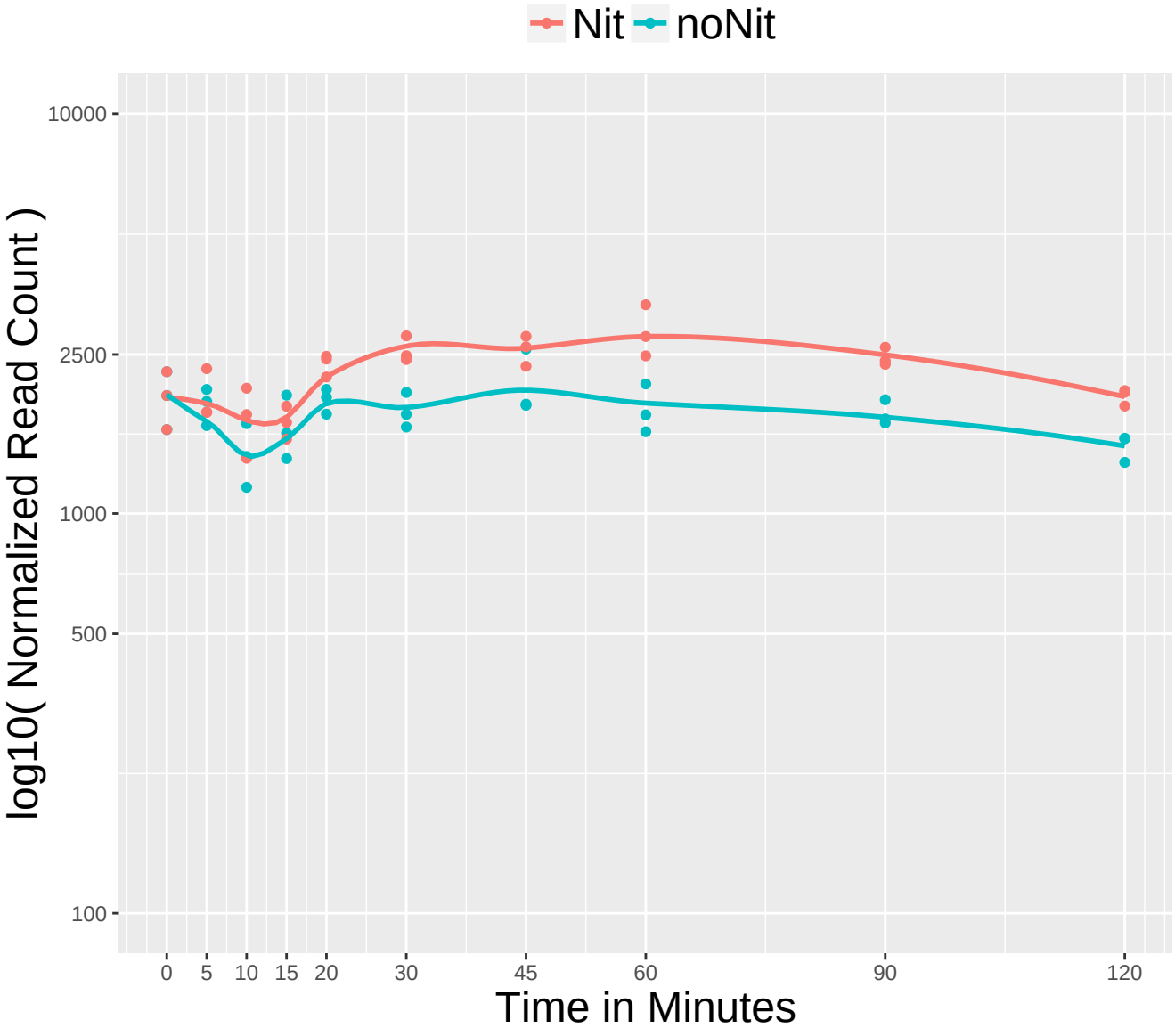

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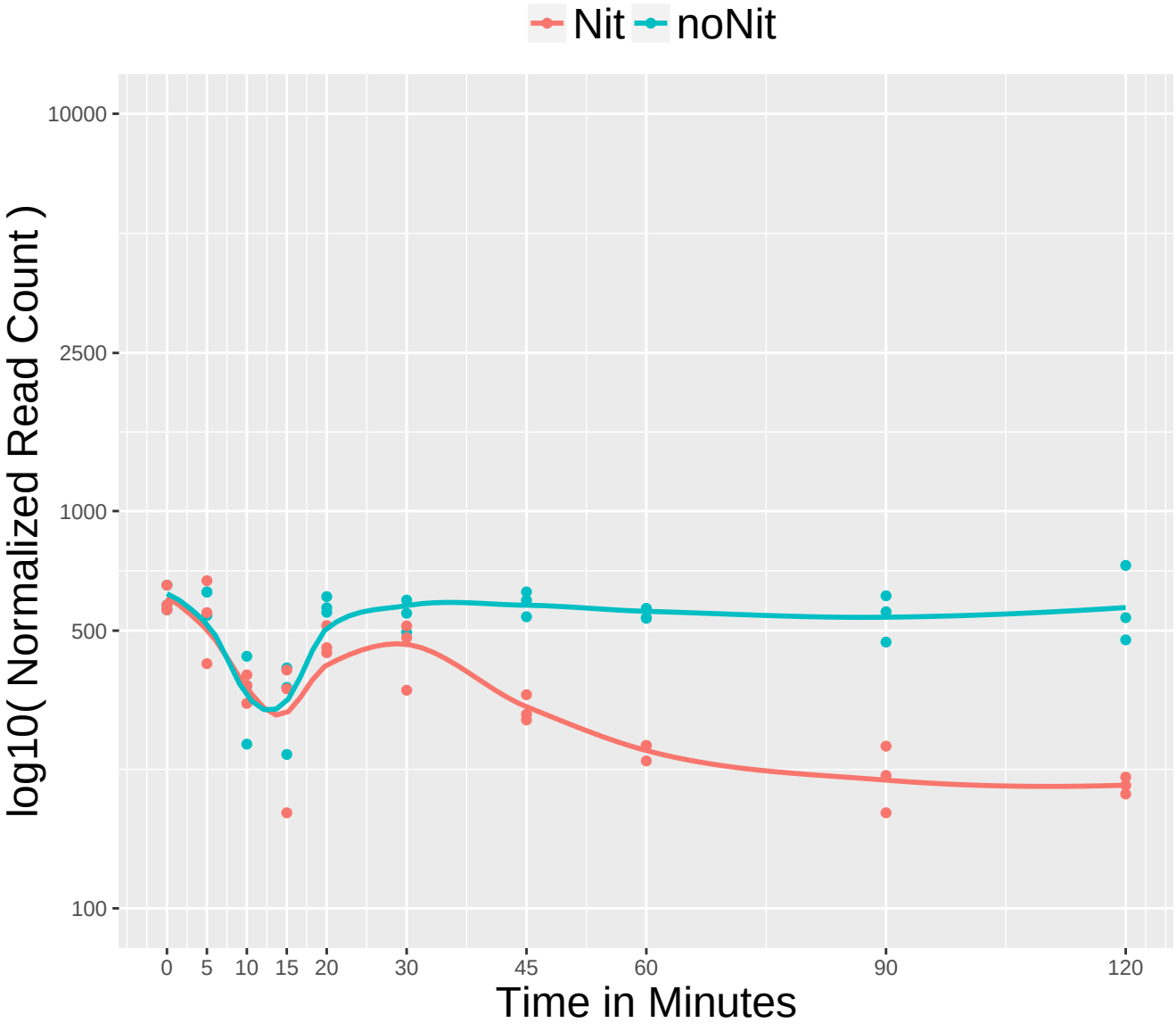
ATUPS2,ARABIDOPSIS



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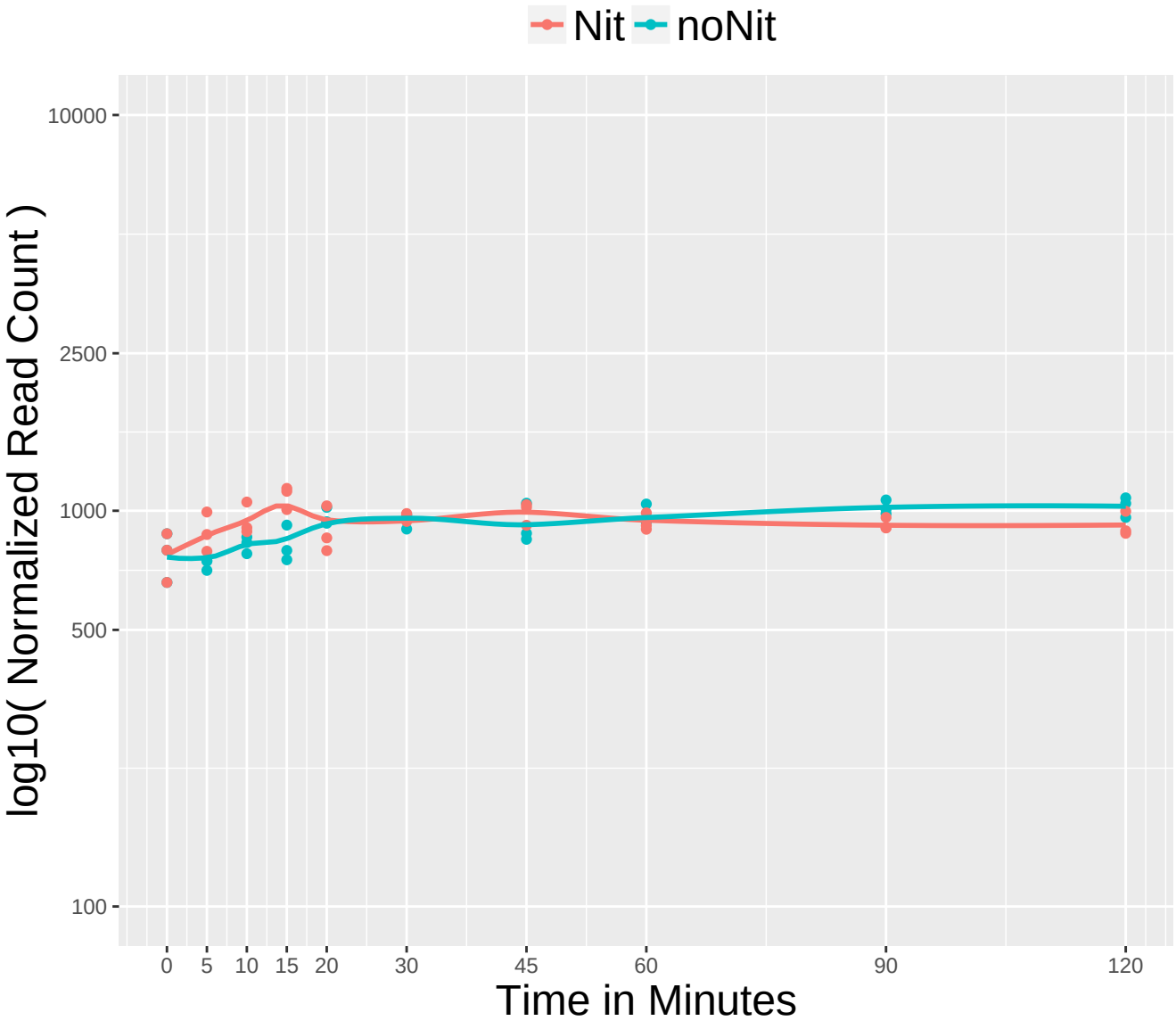
PSB29,photosystem



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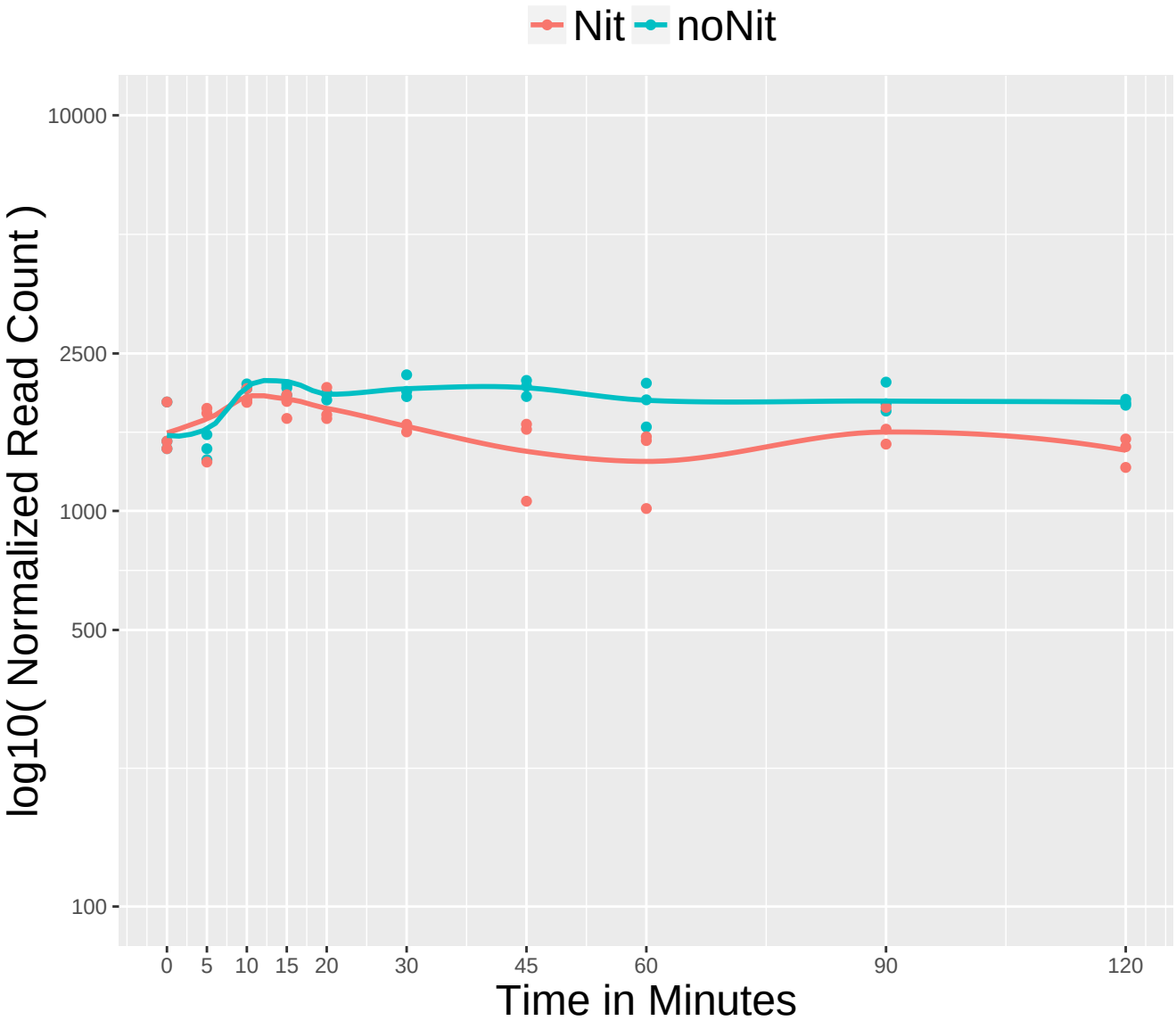

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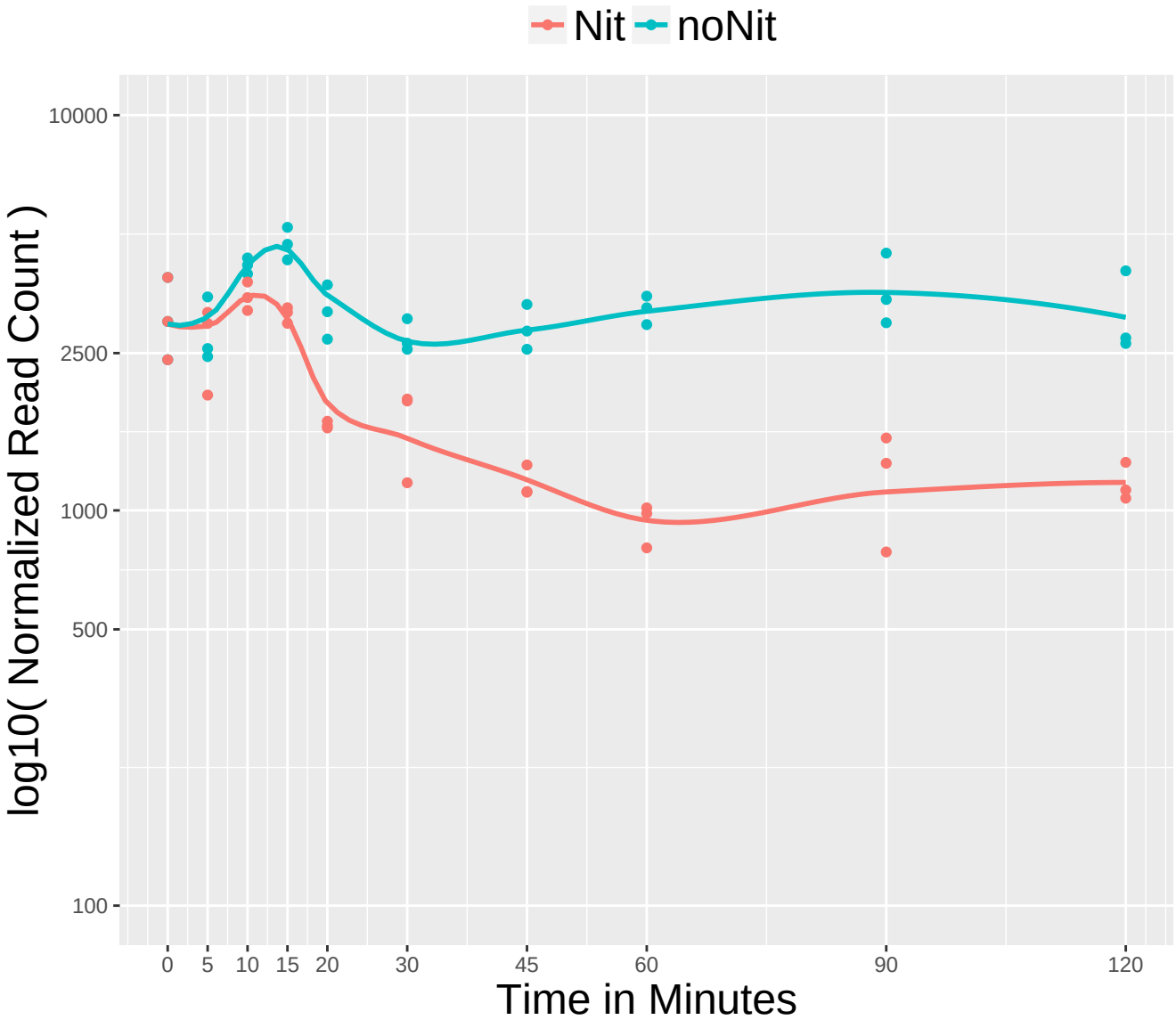
UGT76D1,UDP−glucosyl



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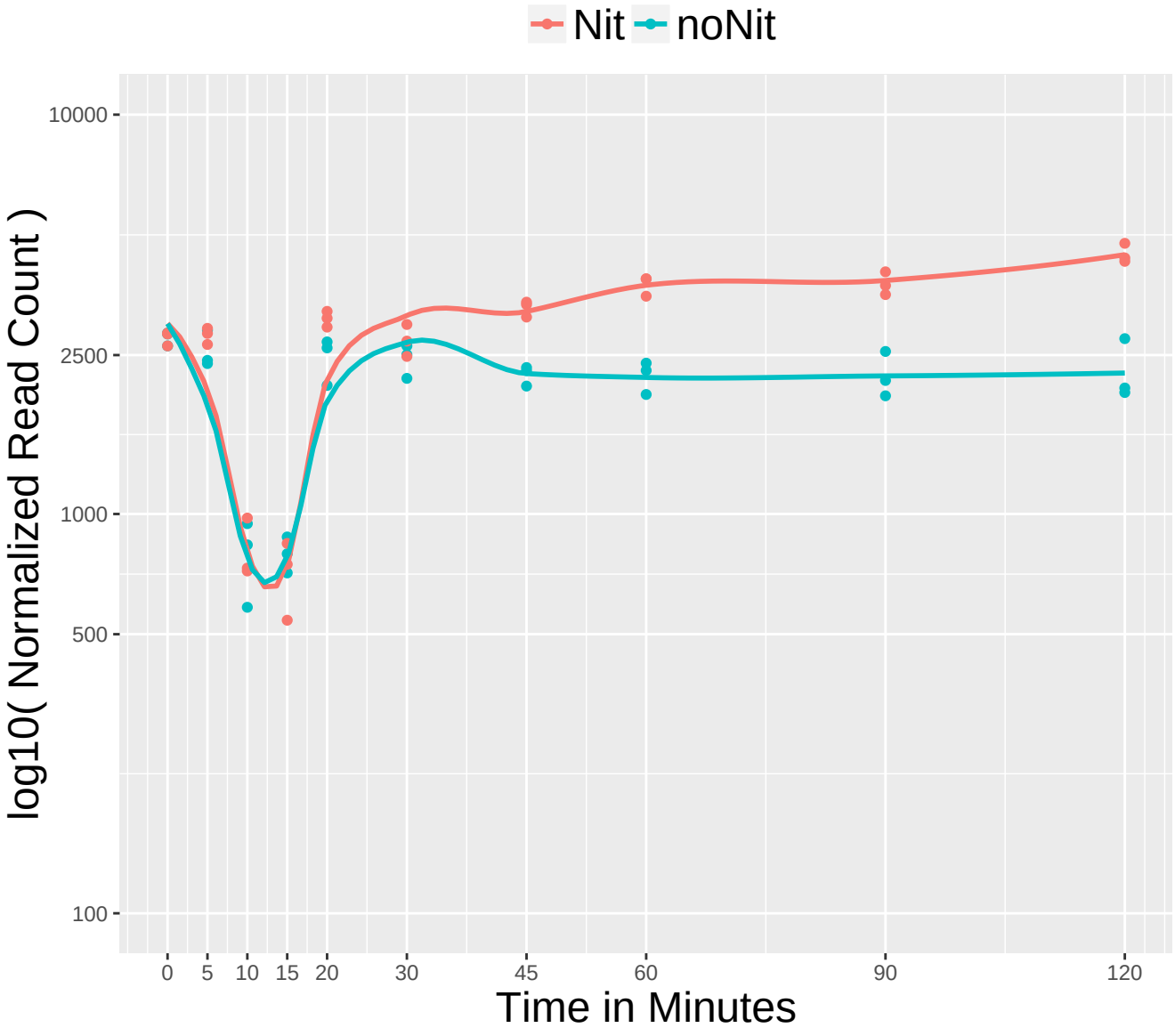
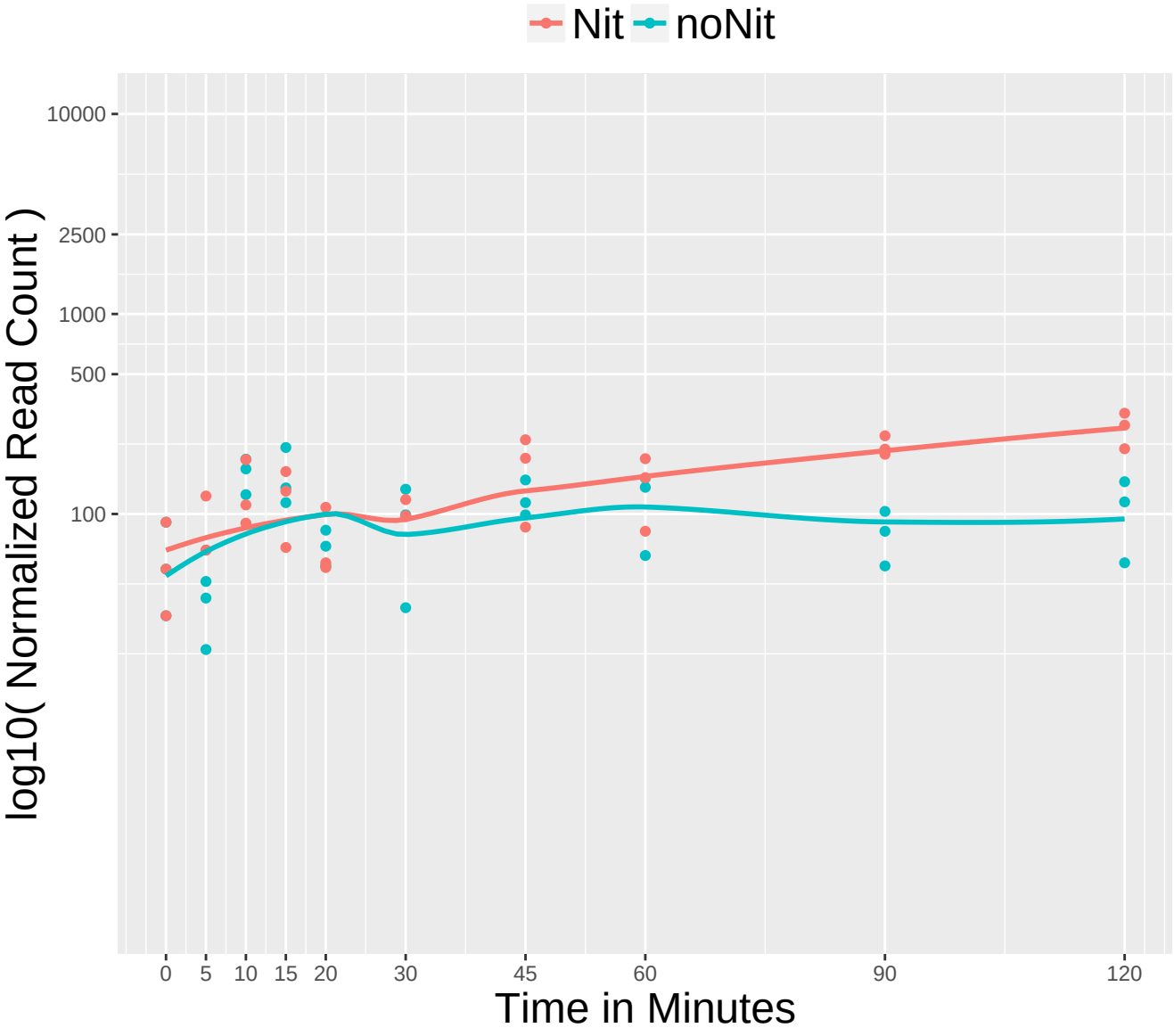
Ribosomal



AT3G50180

Plant



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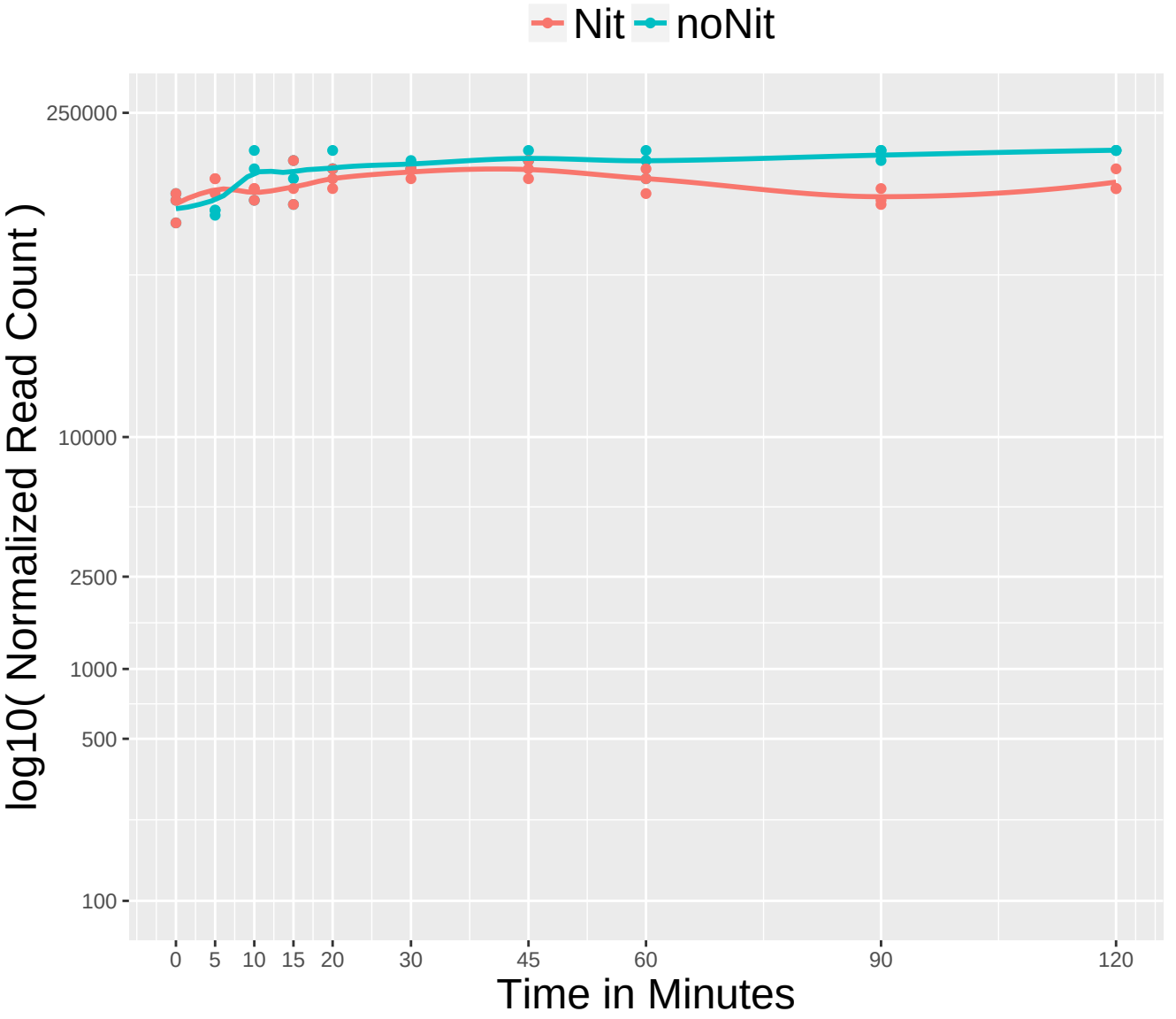

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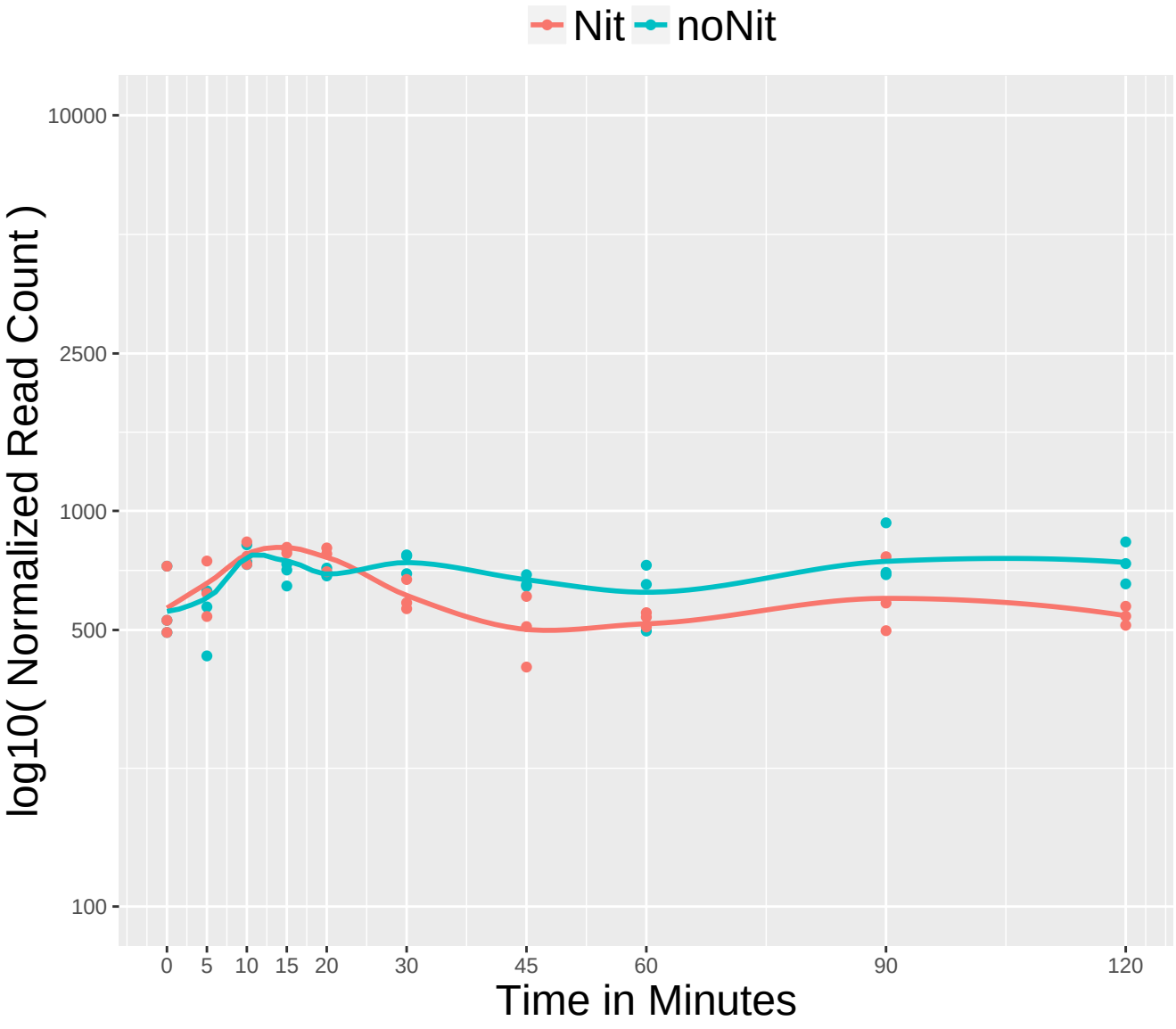
SQD1,sulfoquinovosyldiacylglycerol



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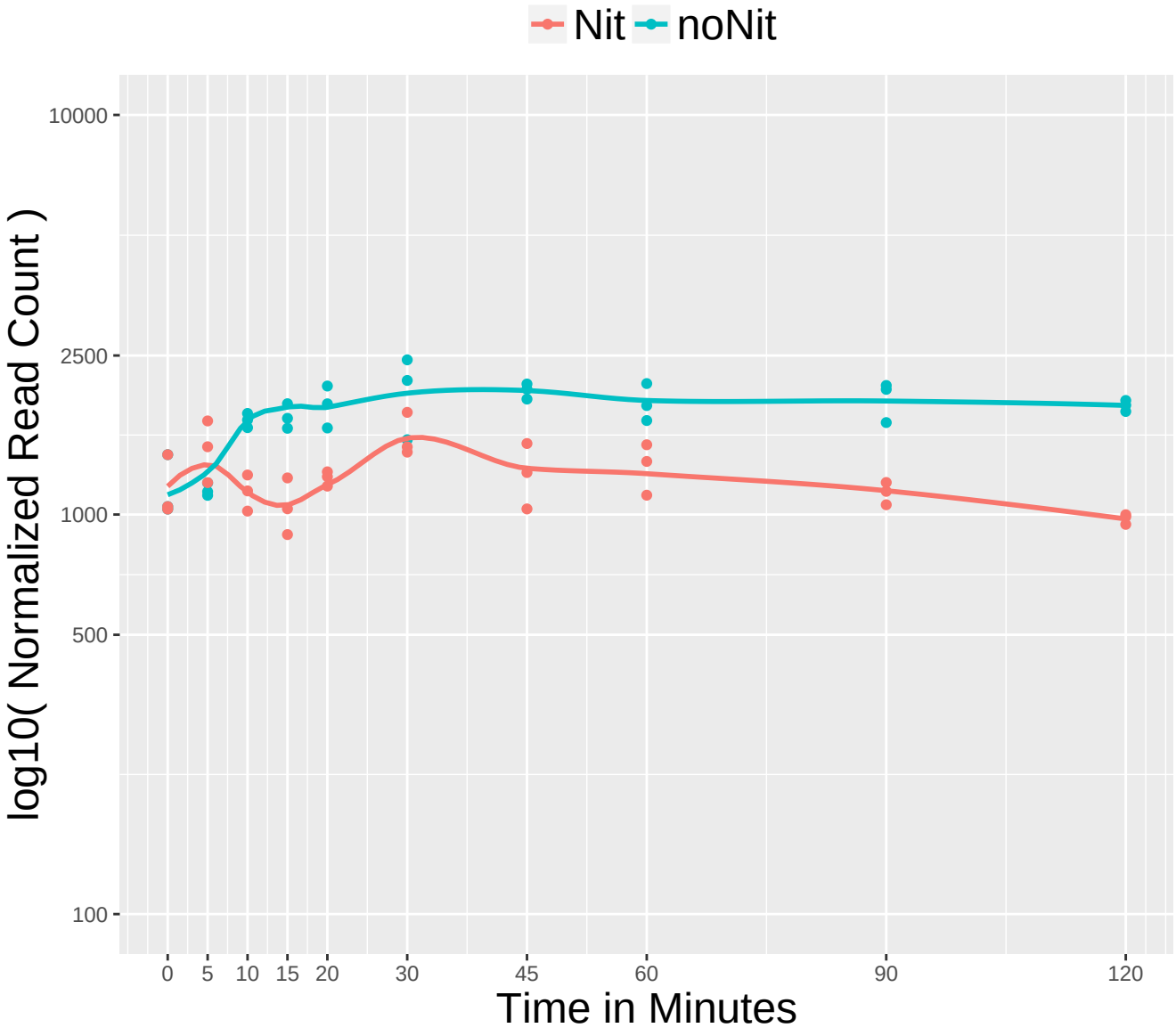
PLC−like



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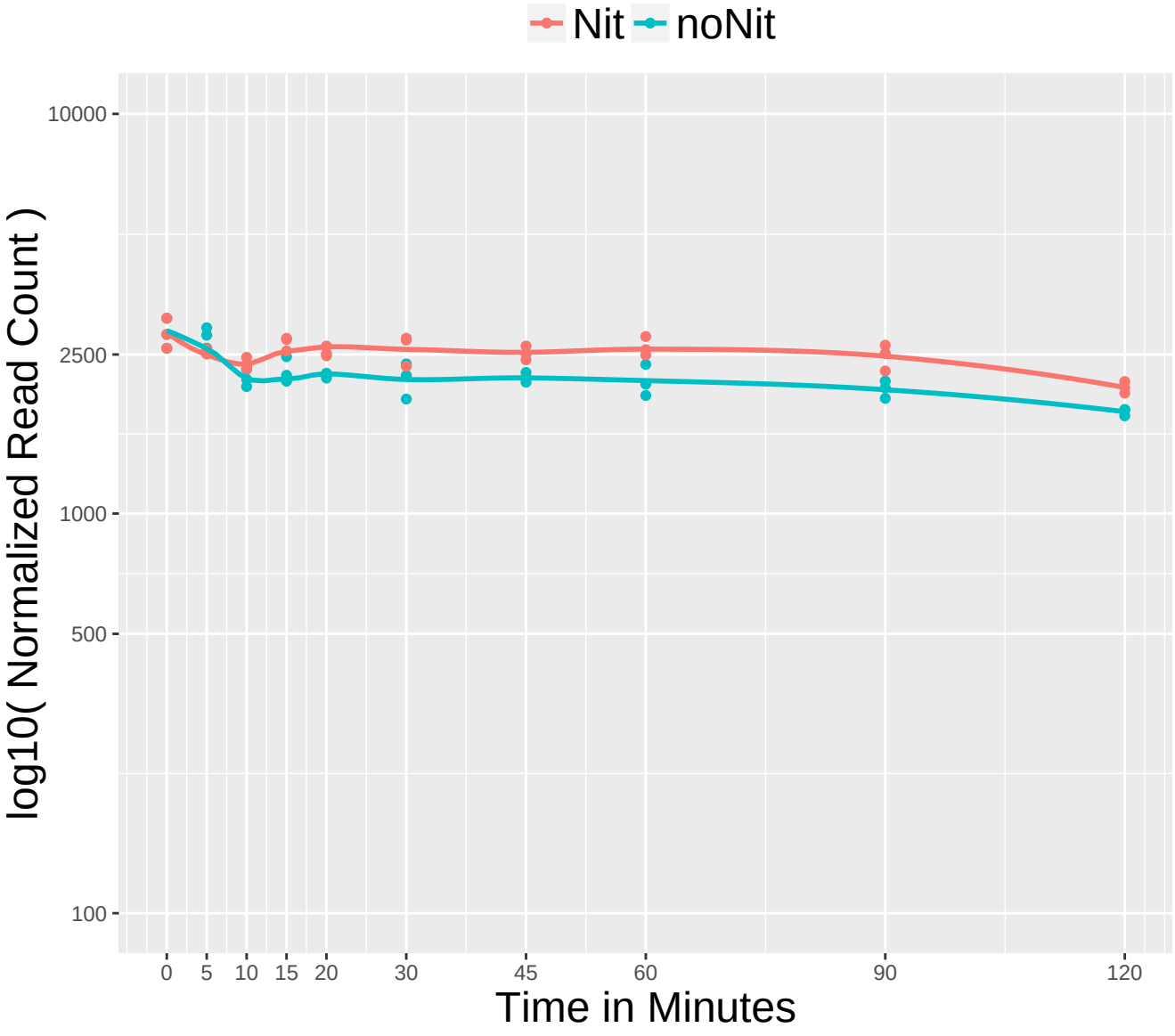

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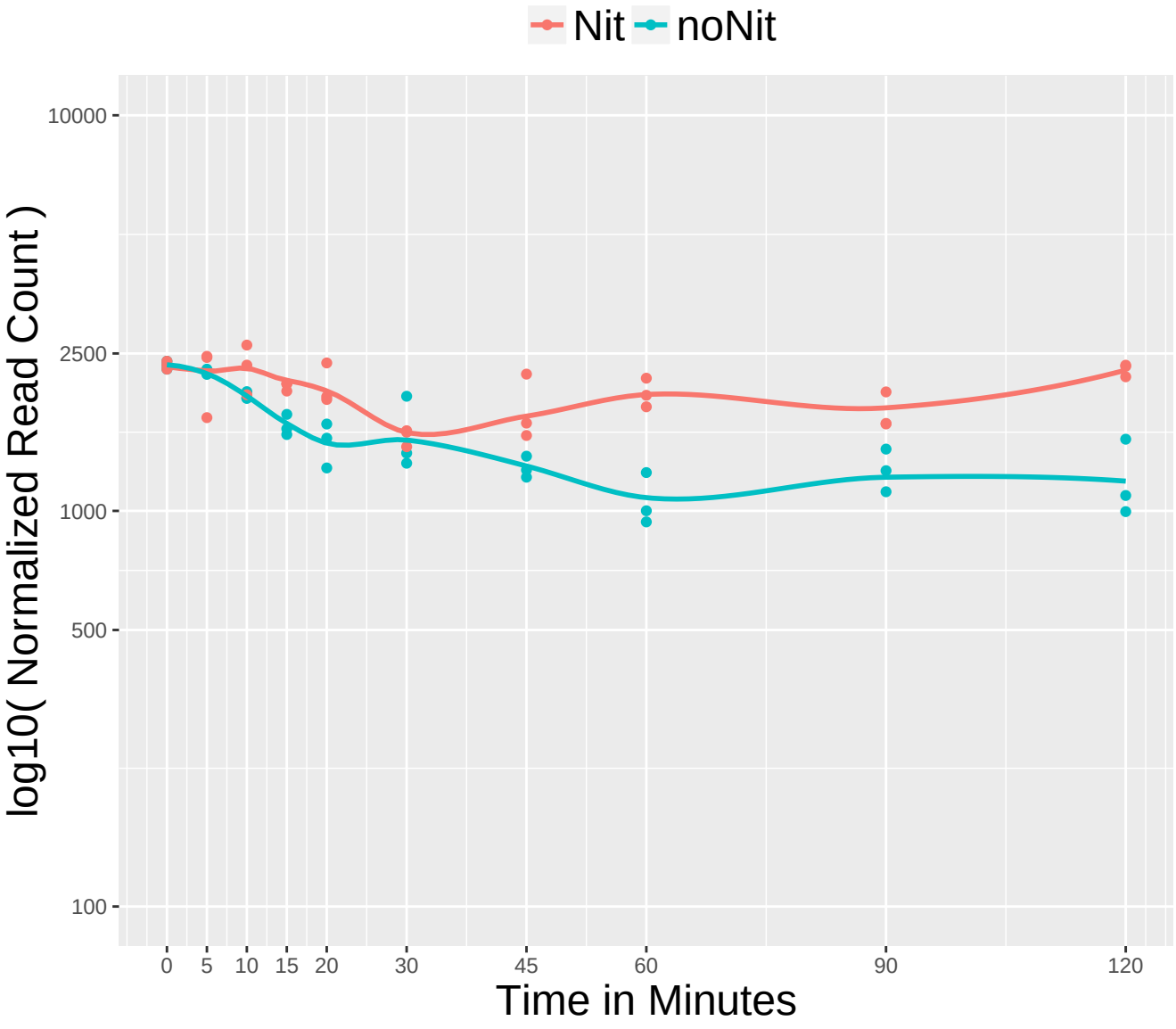
Pre−rRNA−processing



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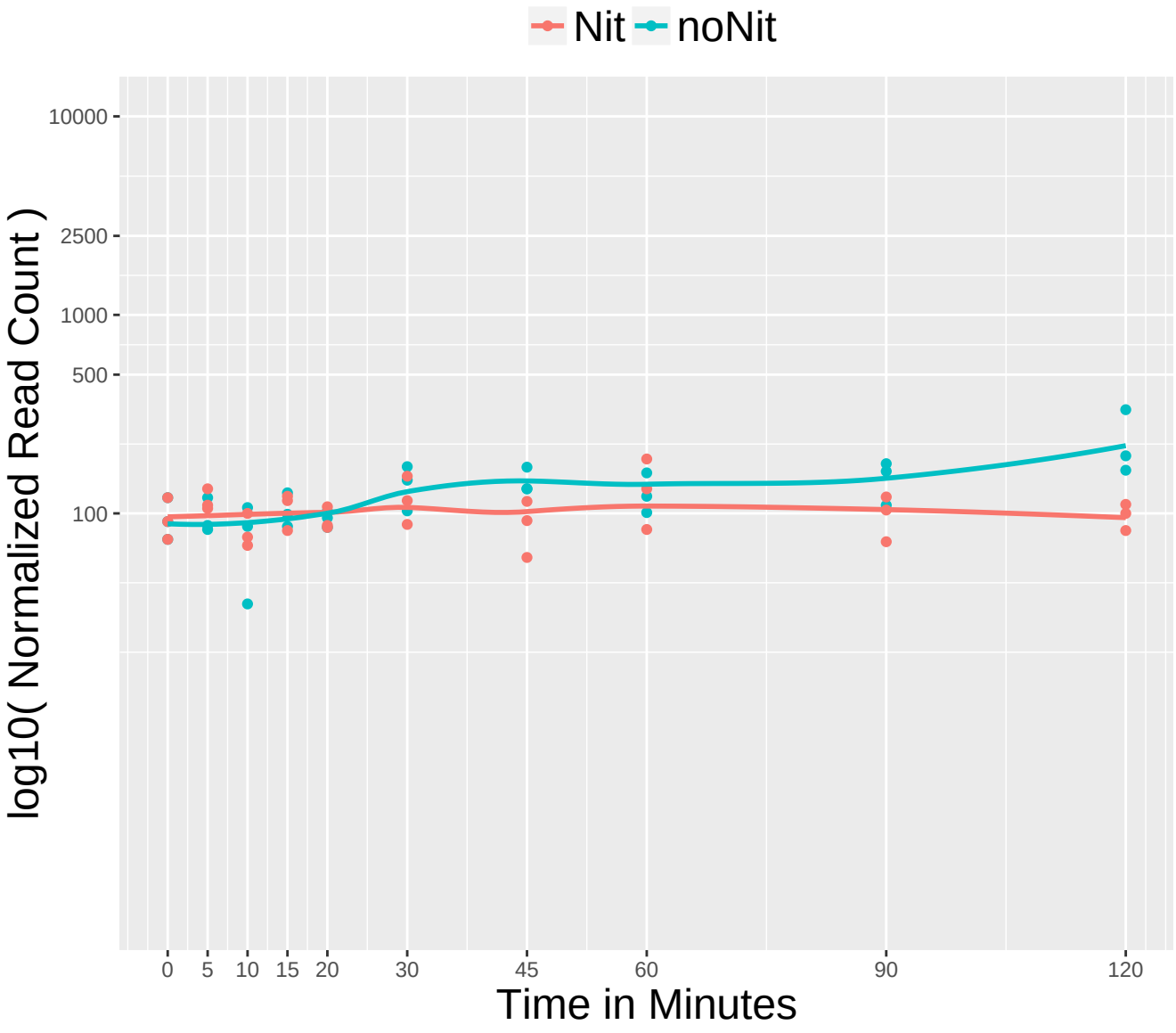
WVD2,WAVE−DAMPENED



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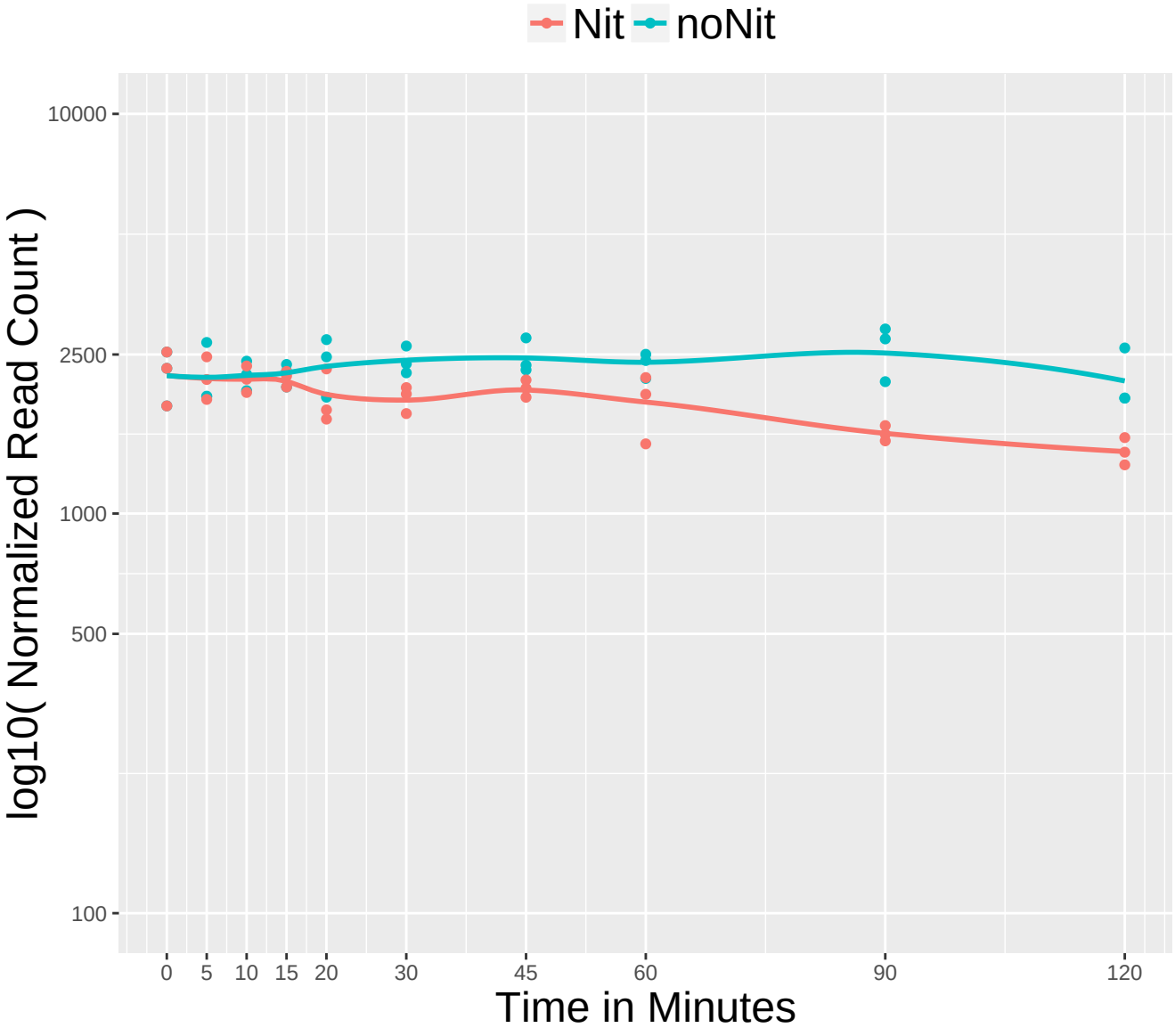

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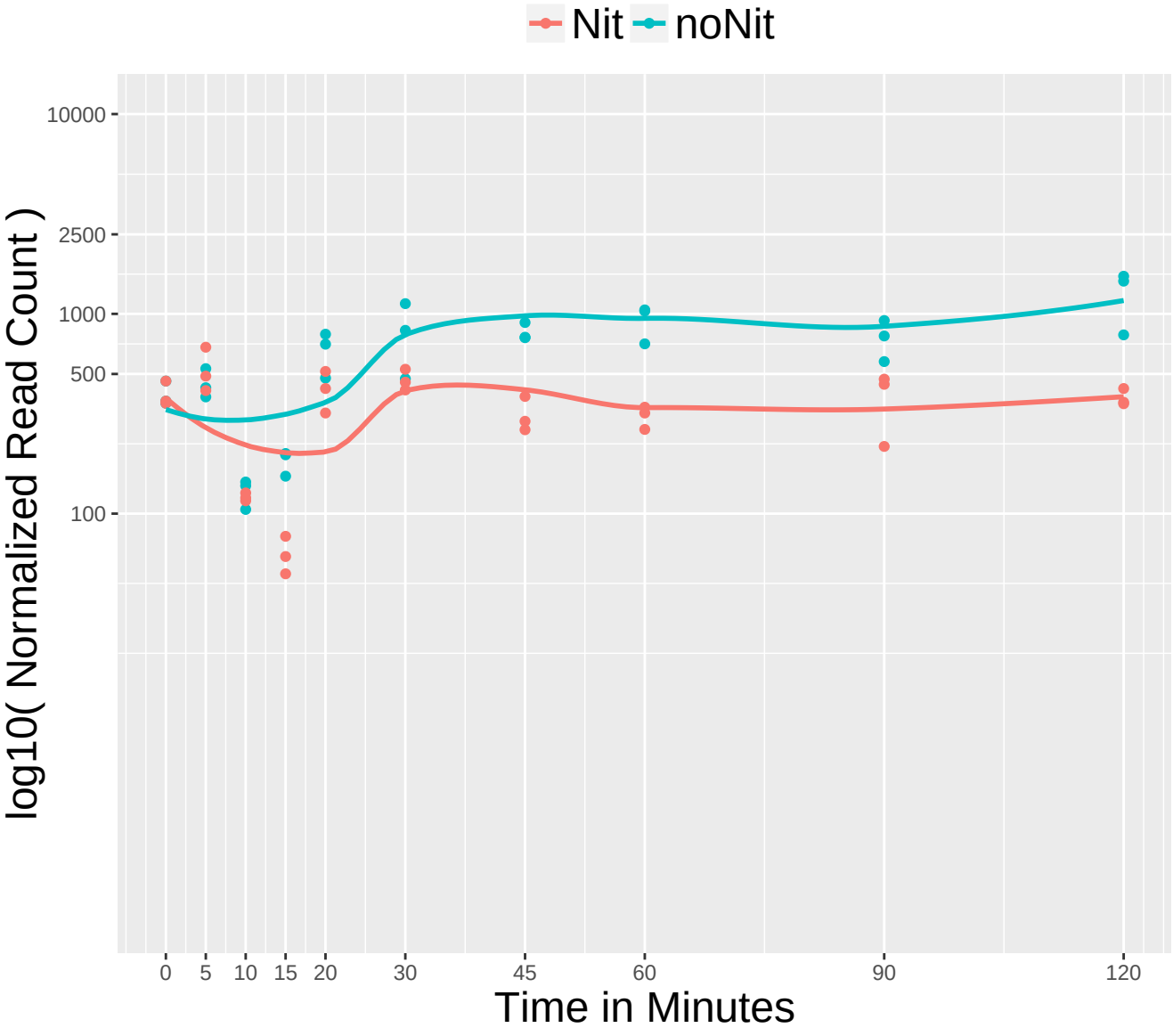

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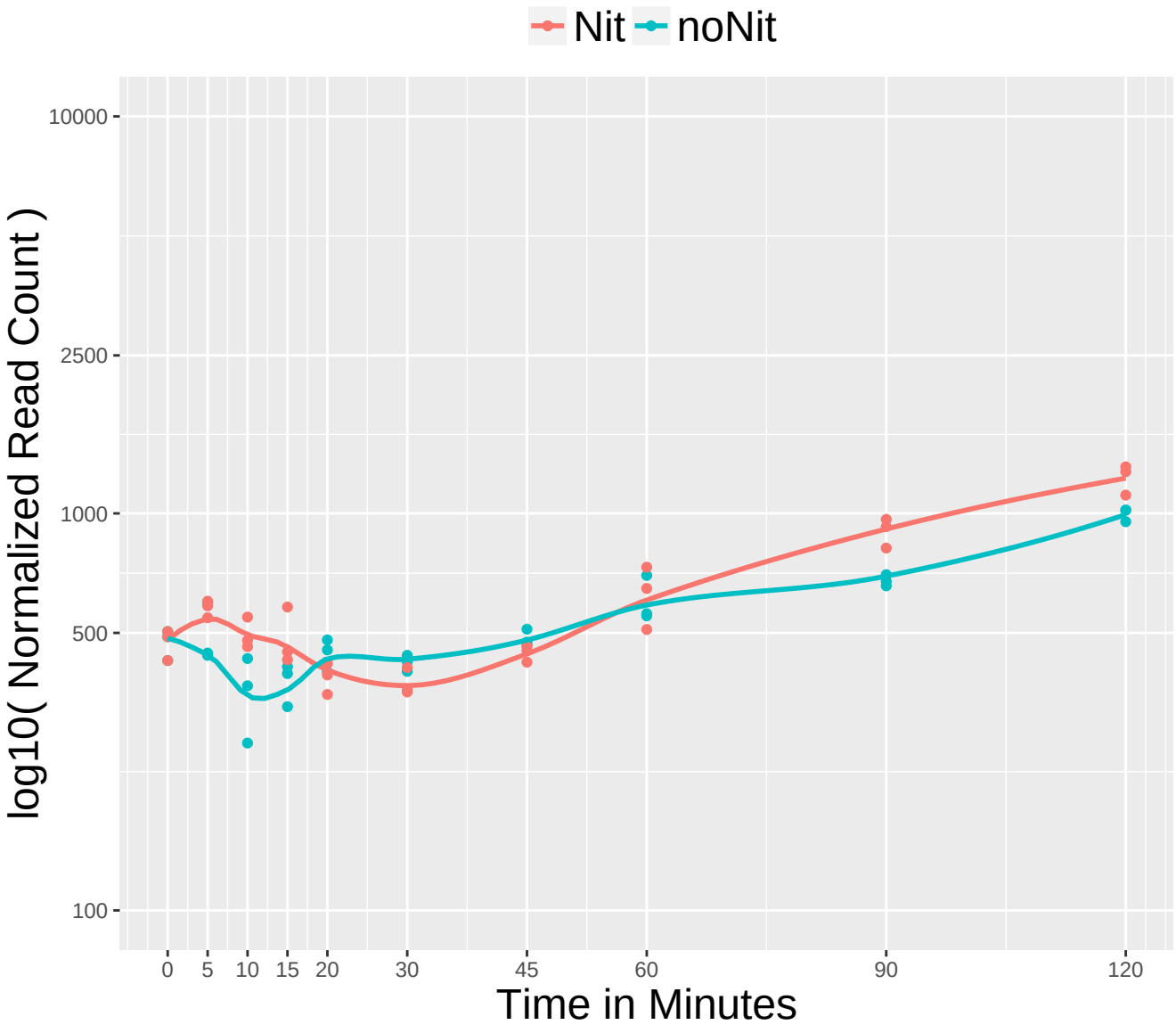

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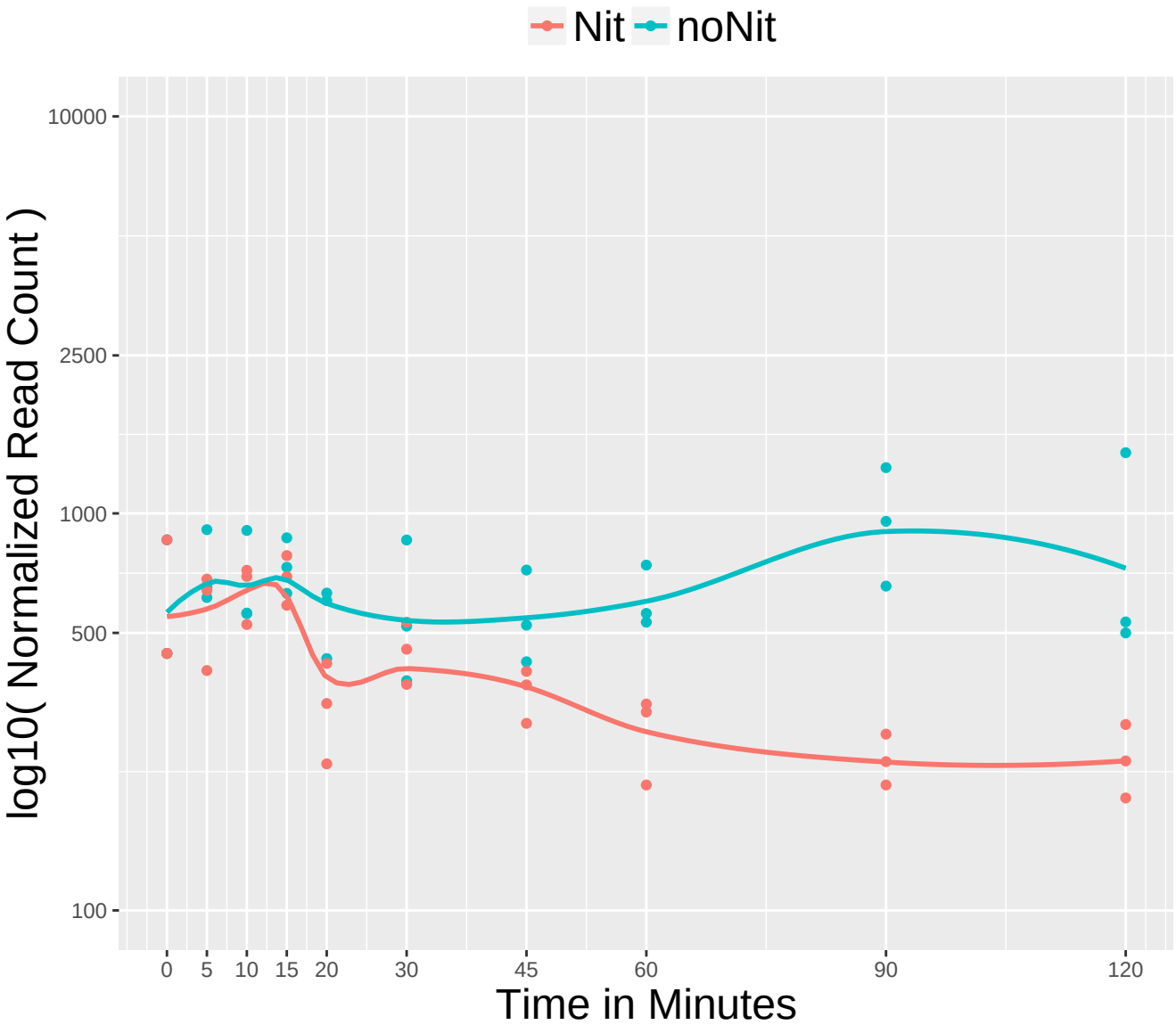
ATPUB54,PLANT



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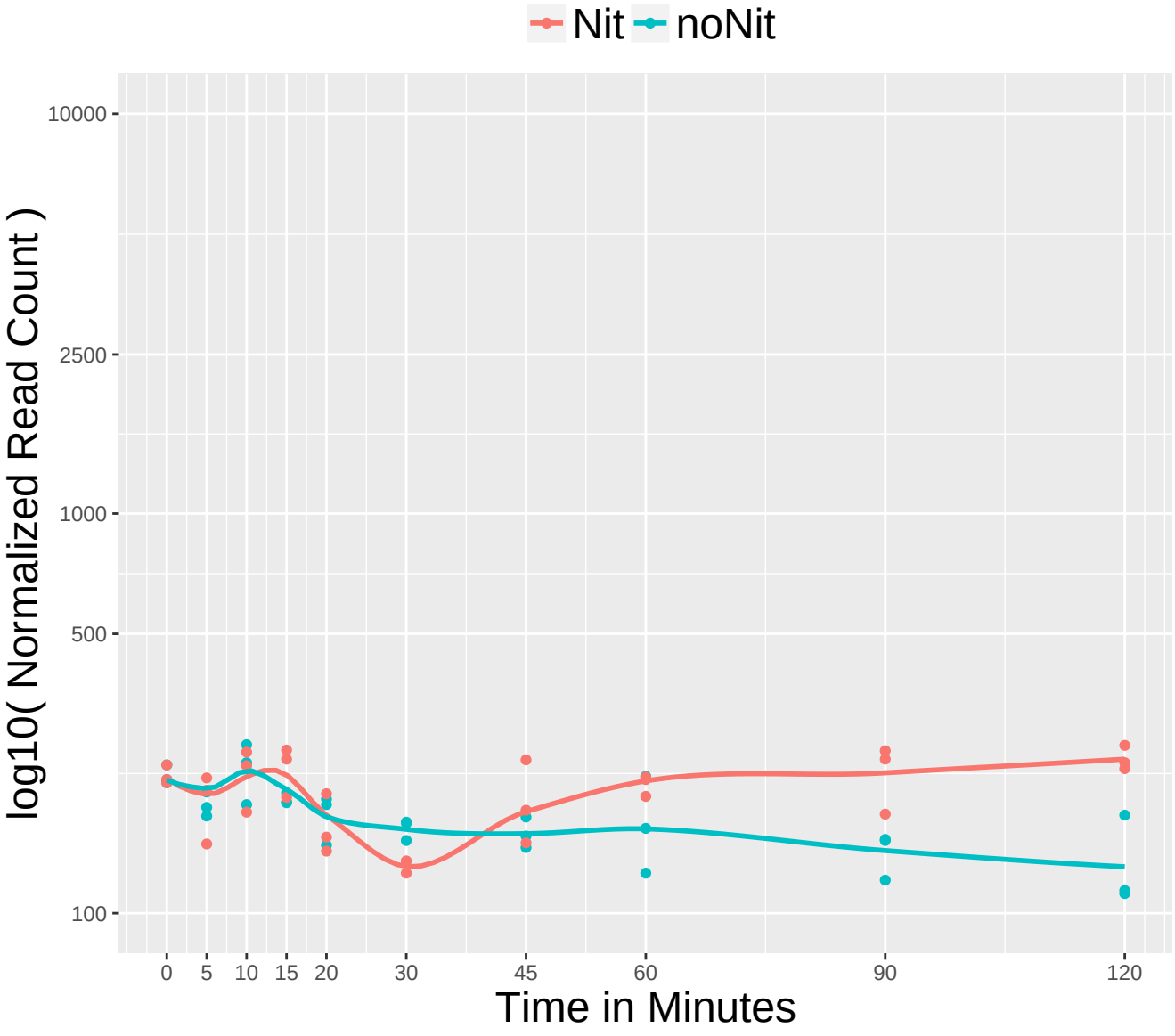

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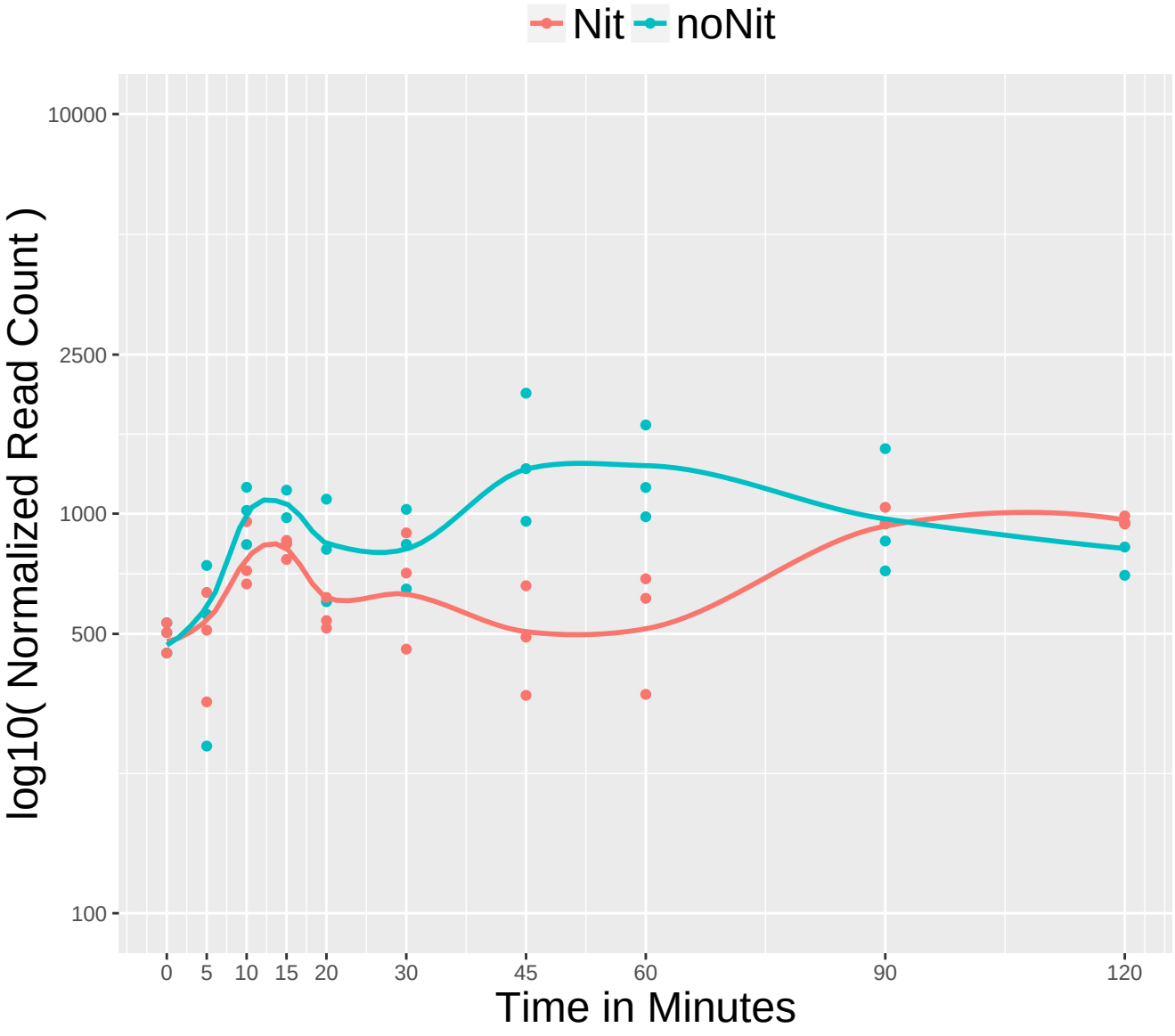

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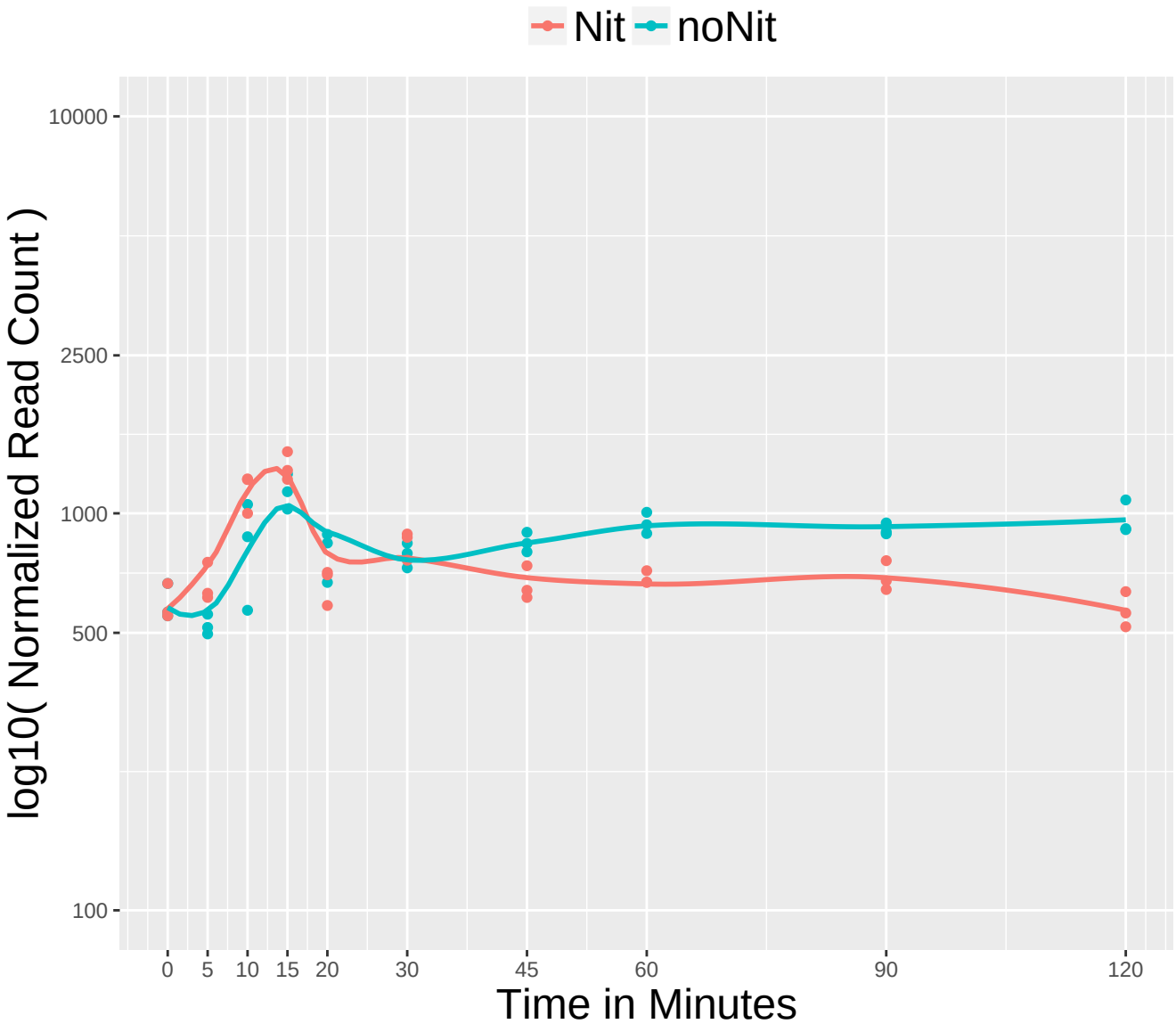
ATFBP7,F−BOX



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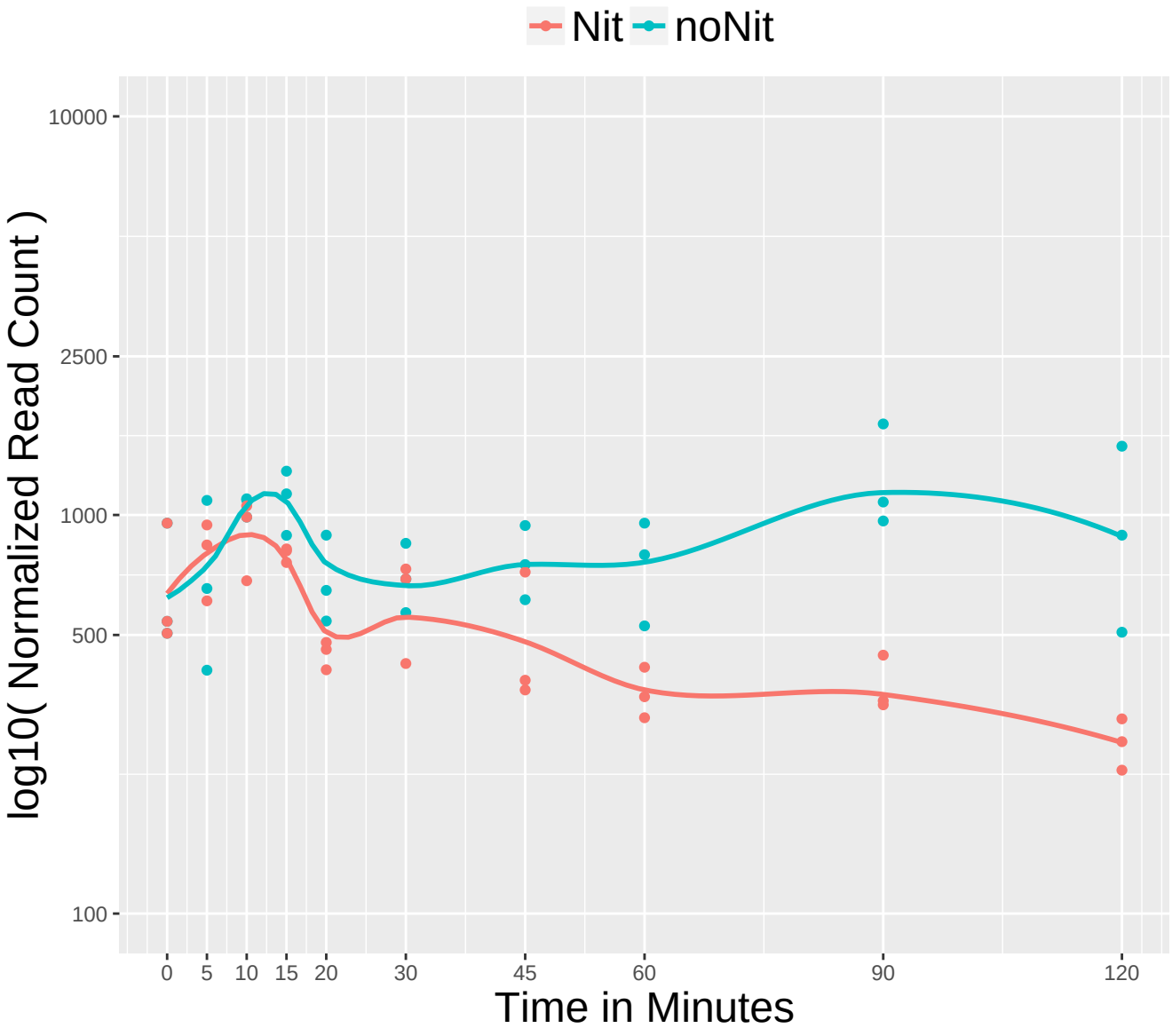

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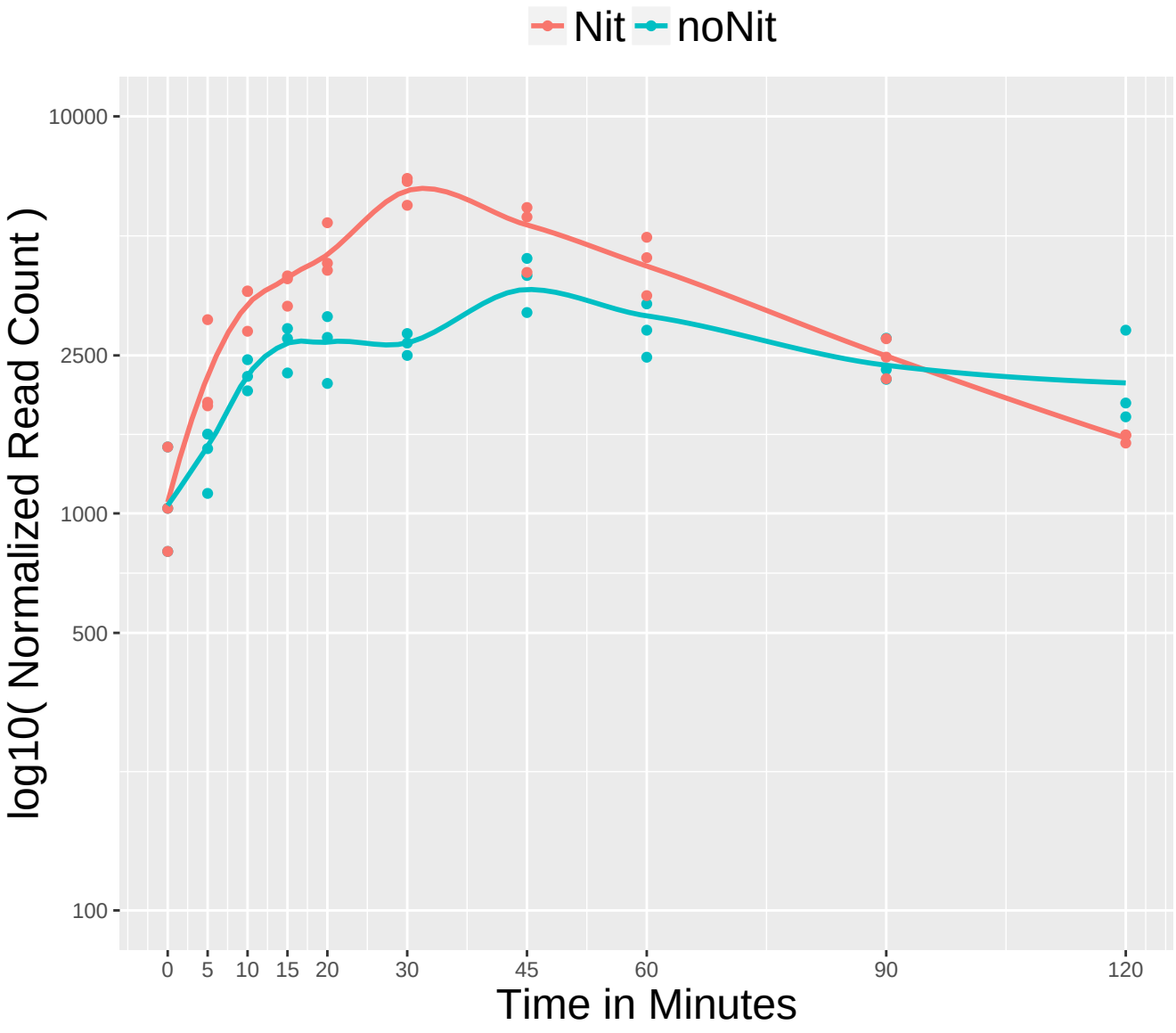

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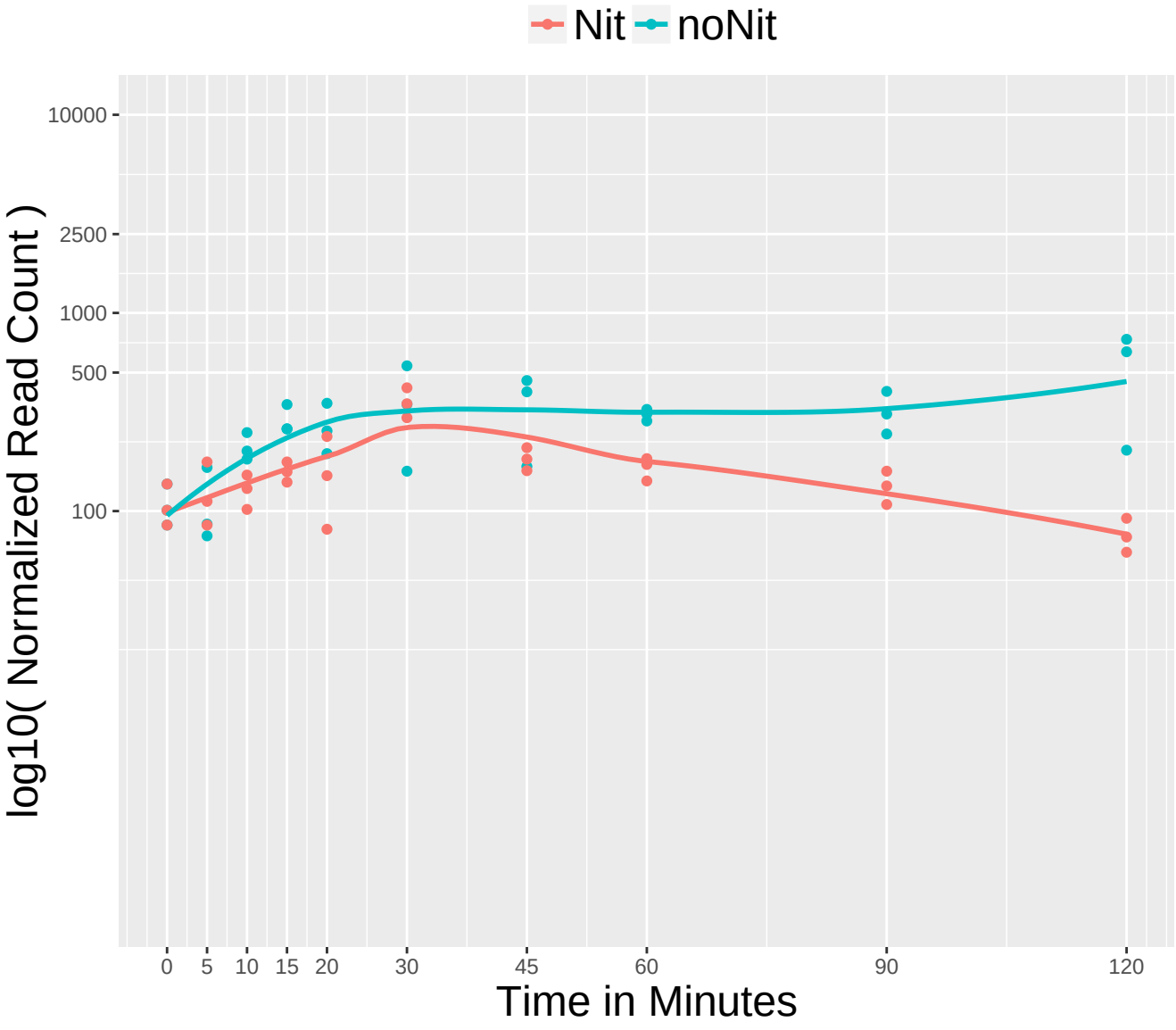
ACA2,alpha



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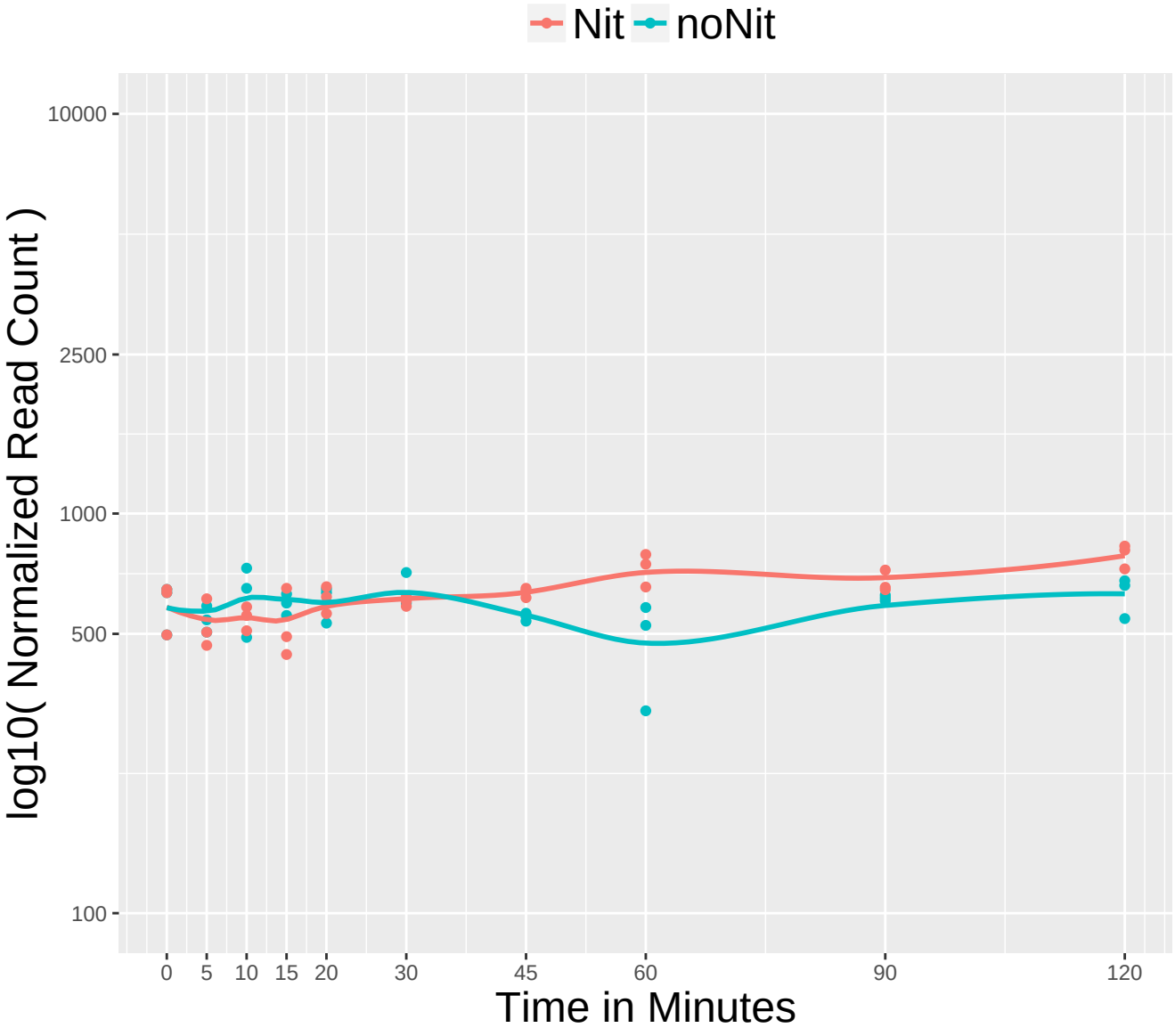

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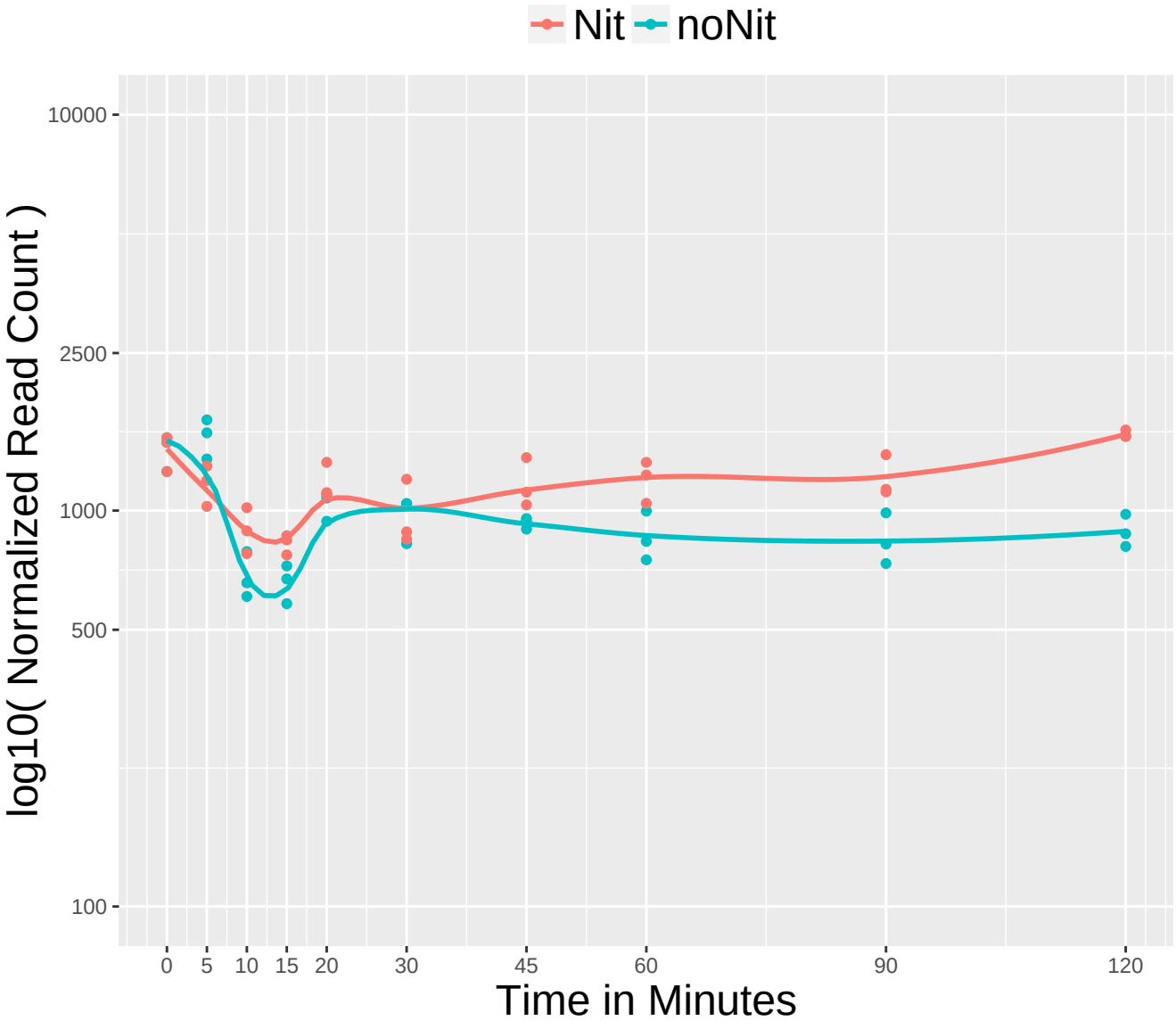
P−loop



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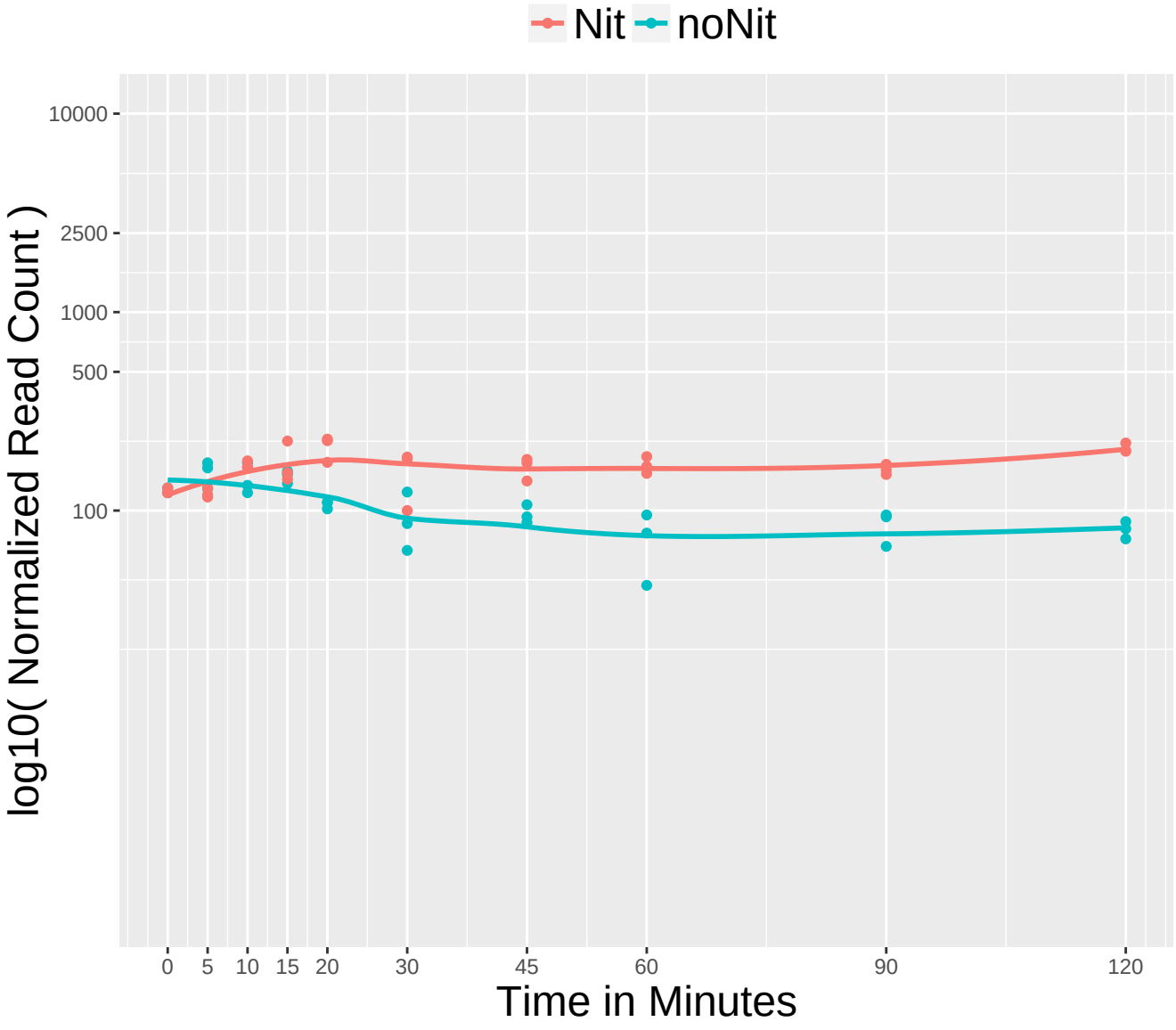

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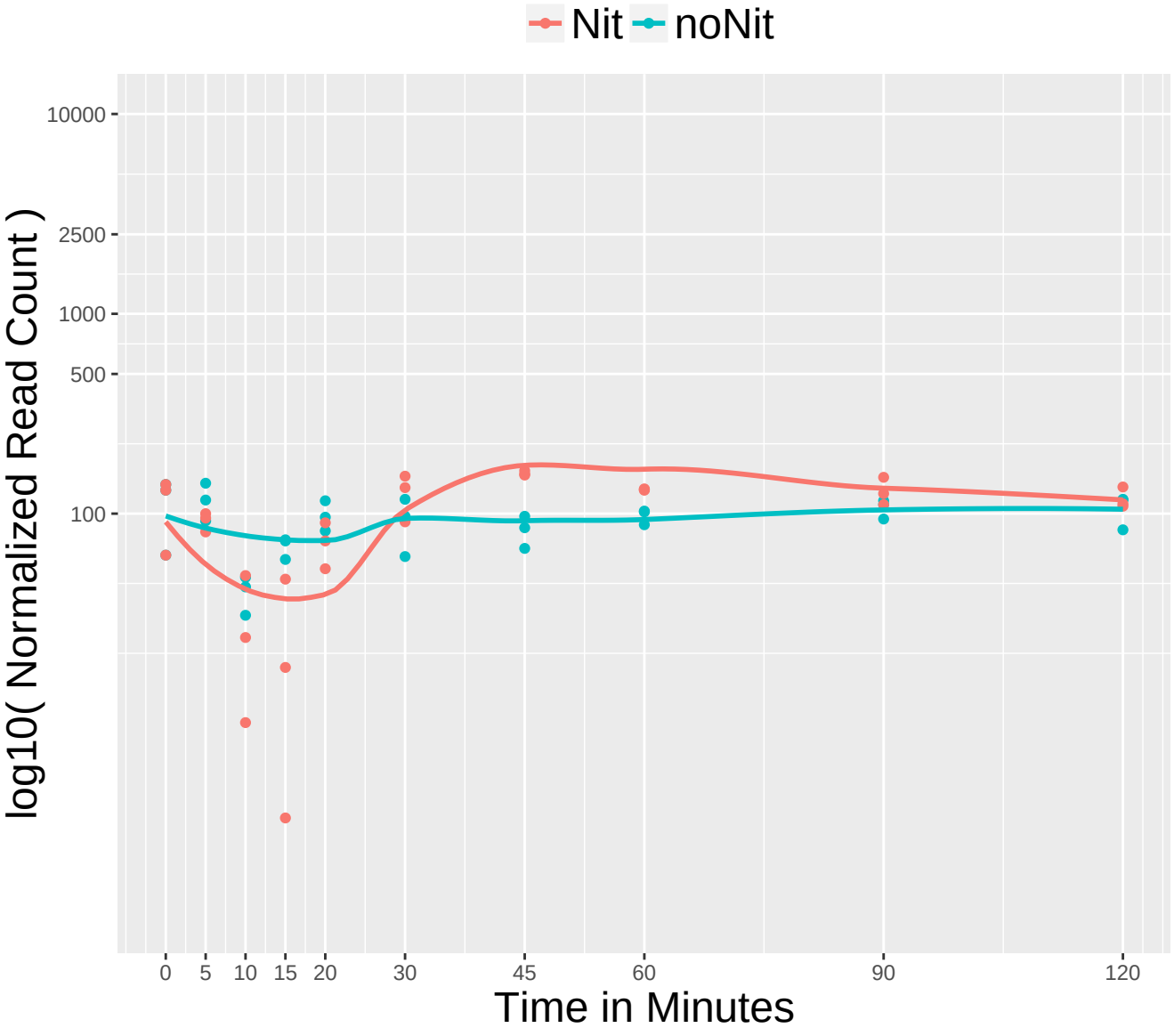

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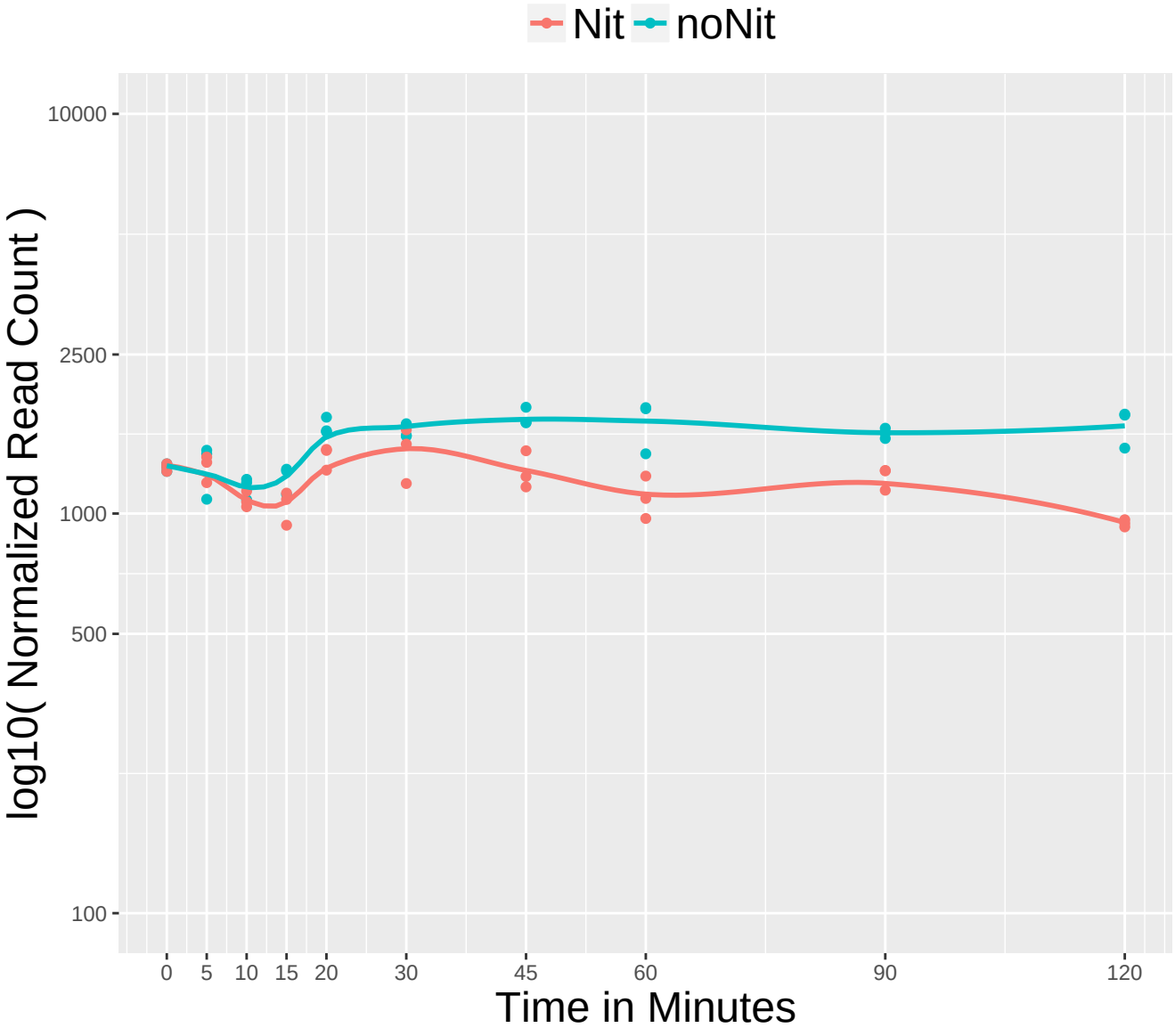

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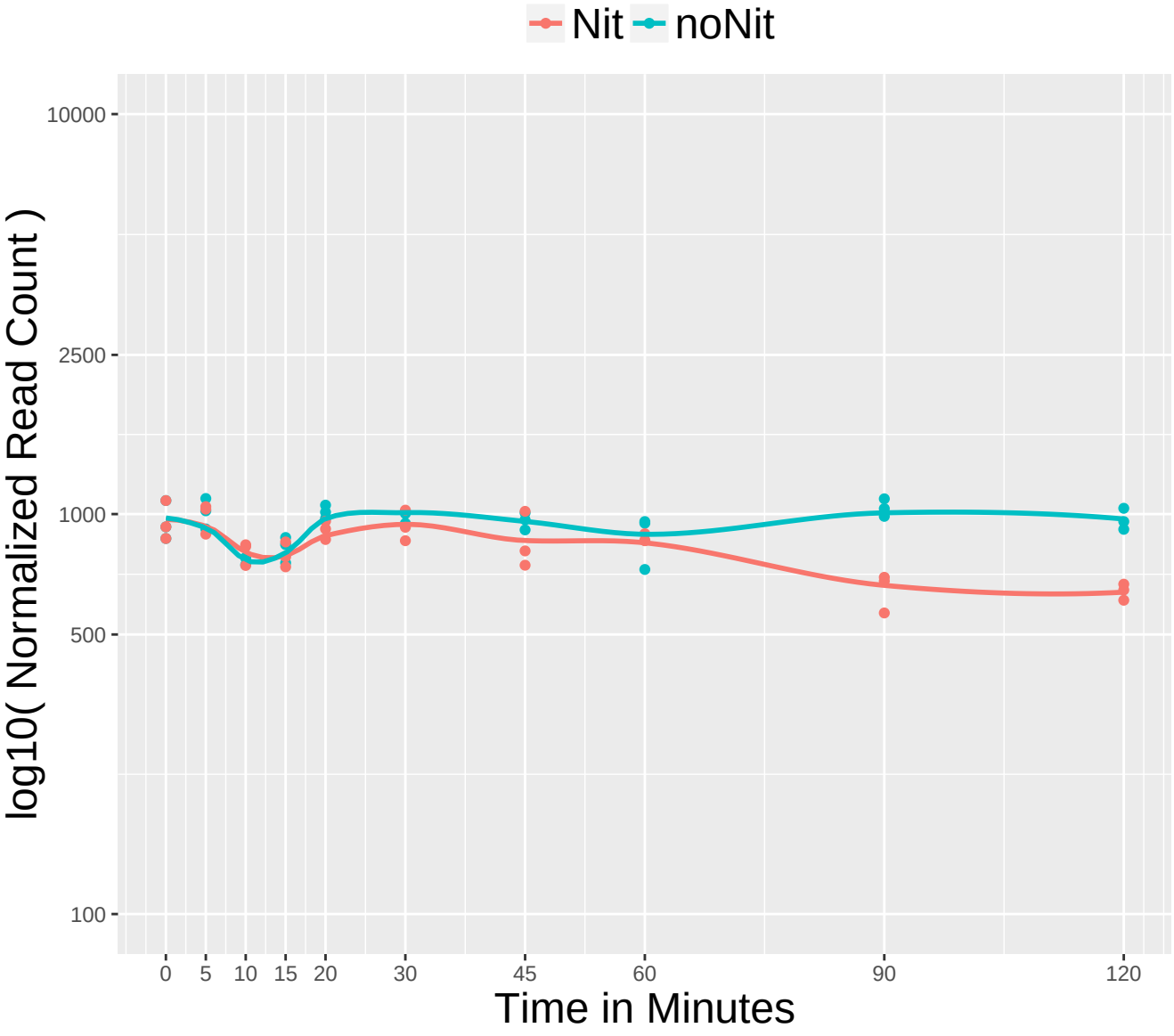

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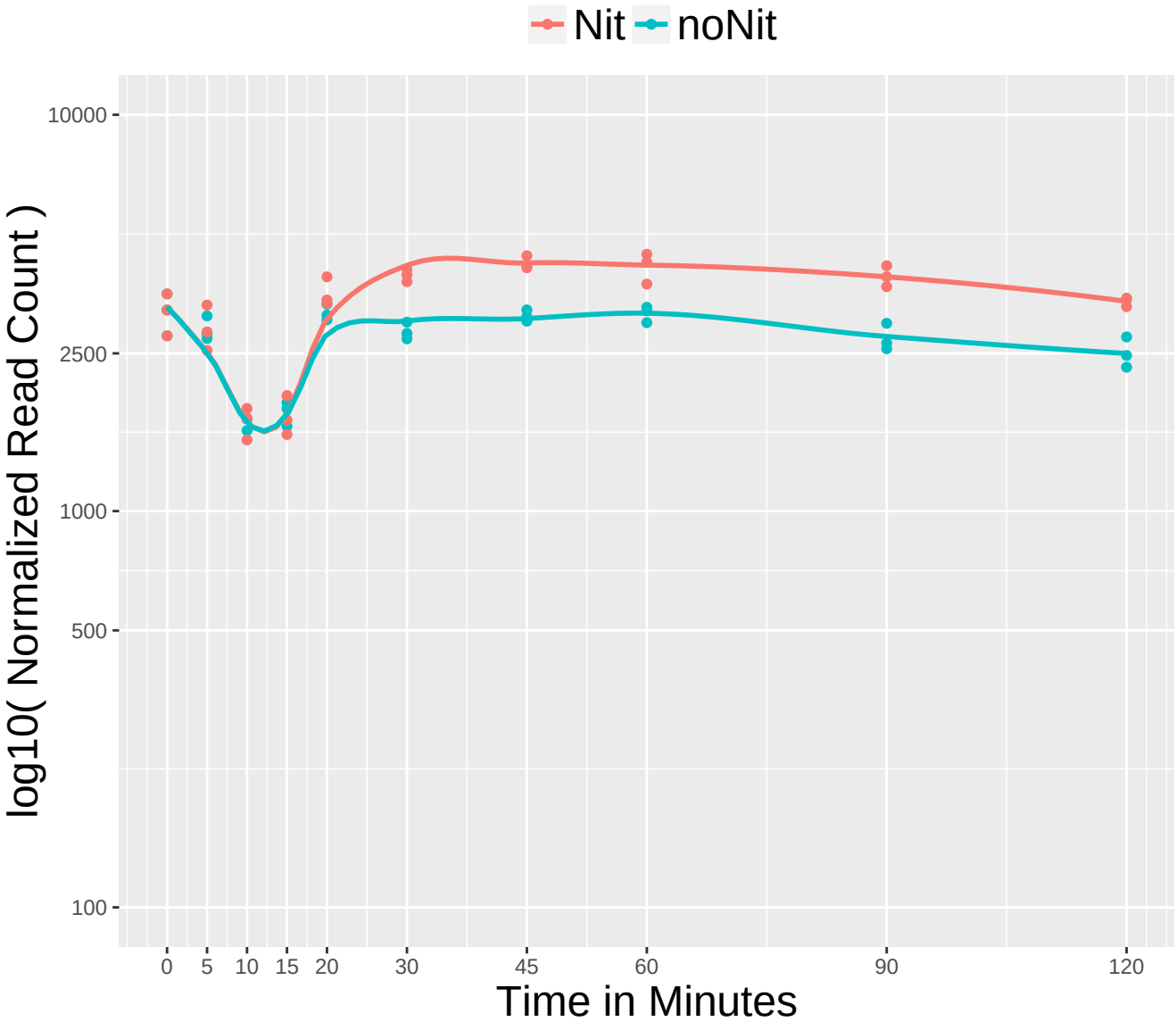

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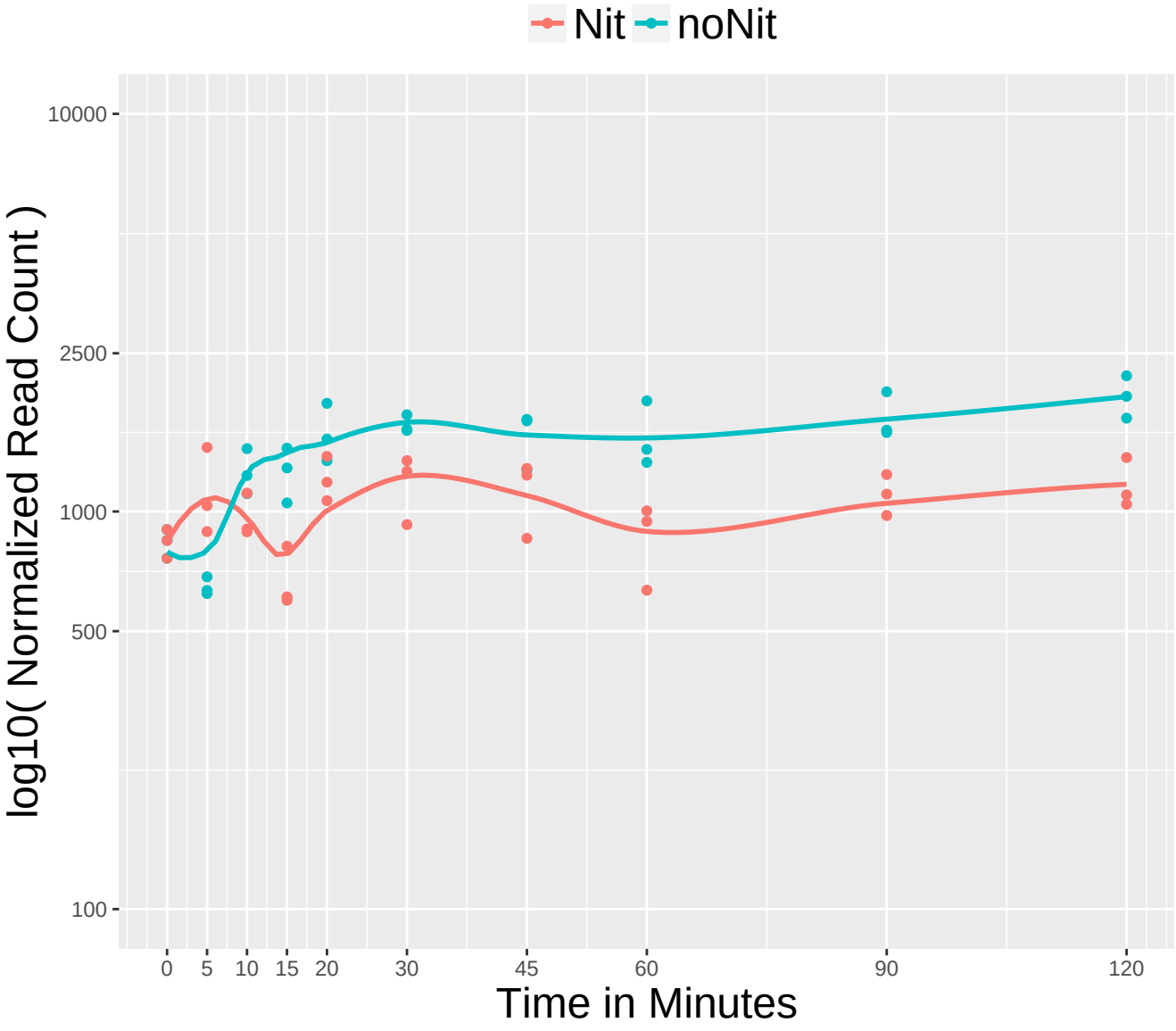

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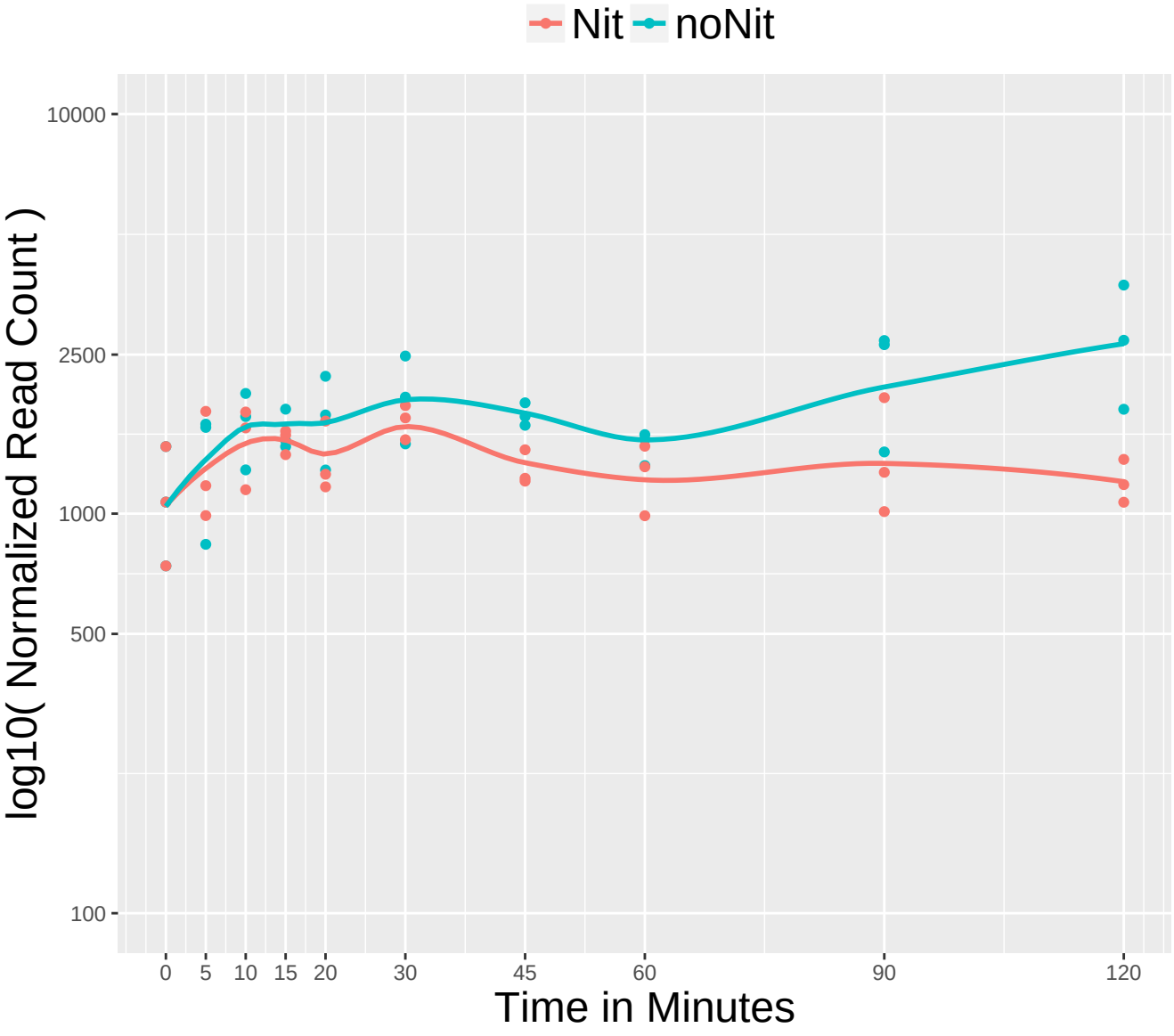
Curculin−like



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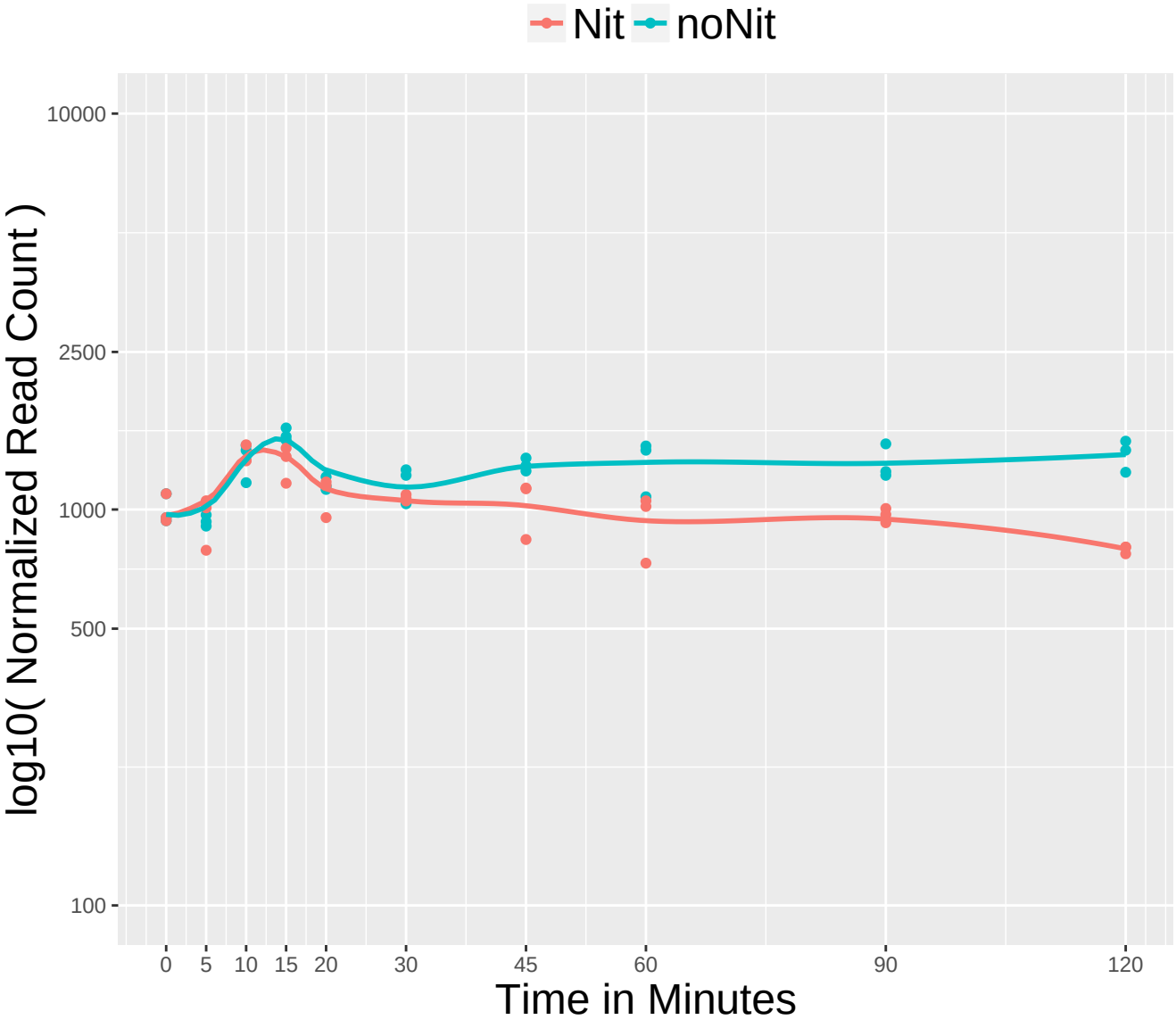
Regulator



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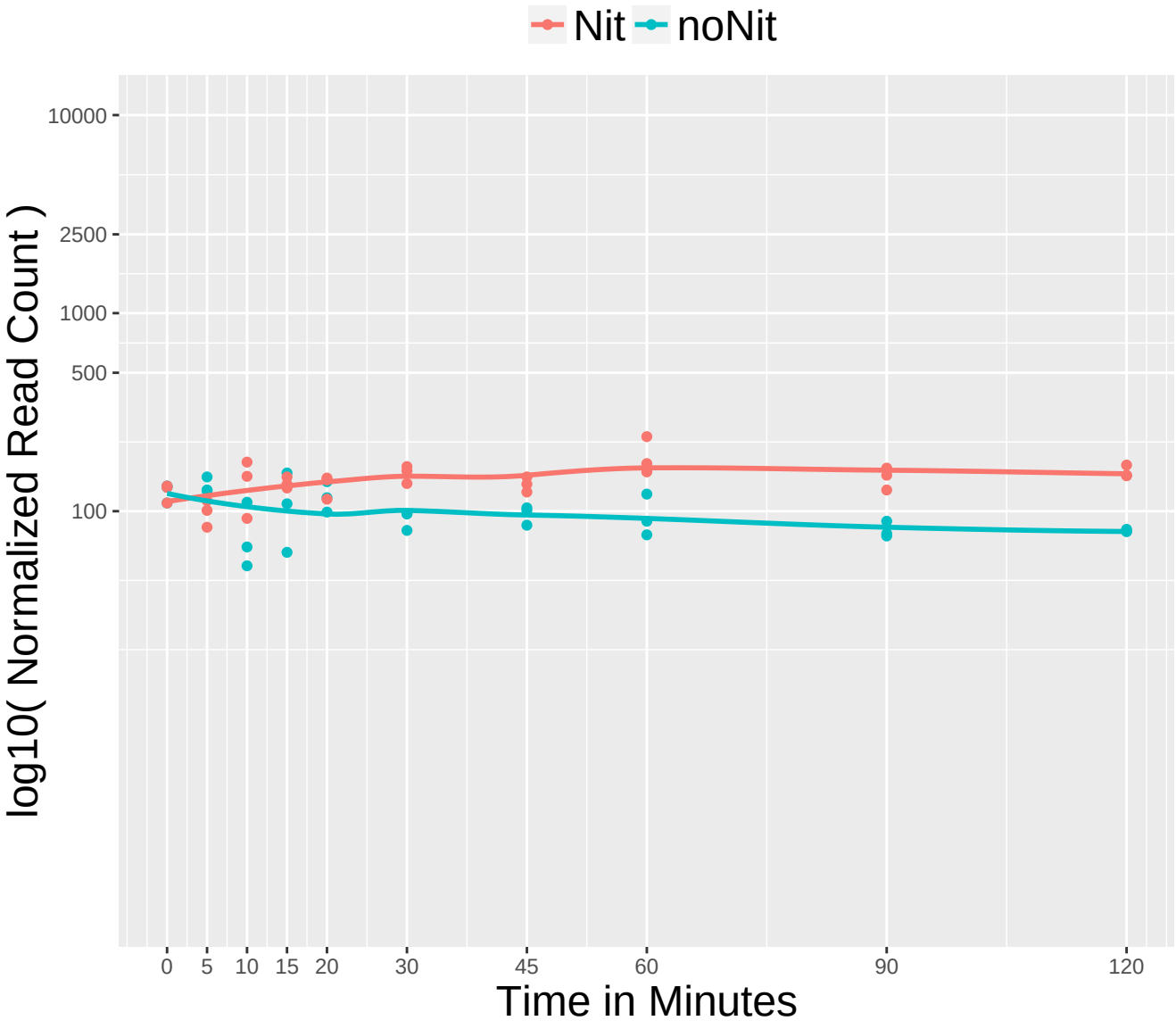
emb1379,embryo



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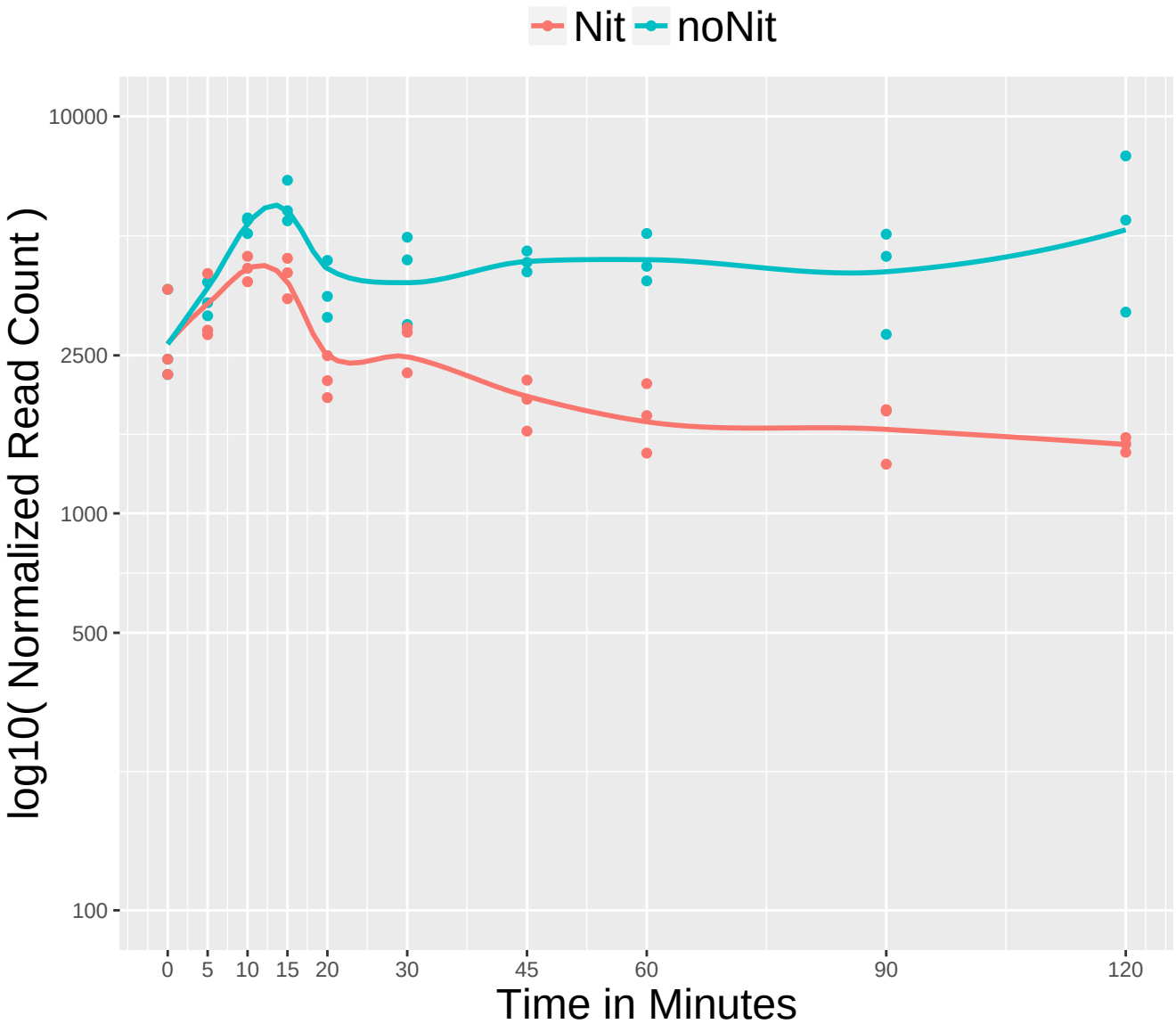

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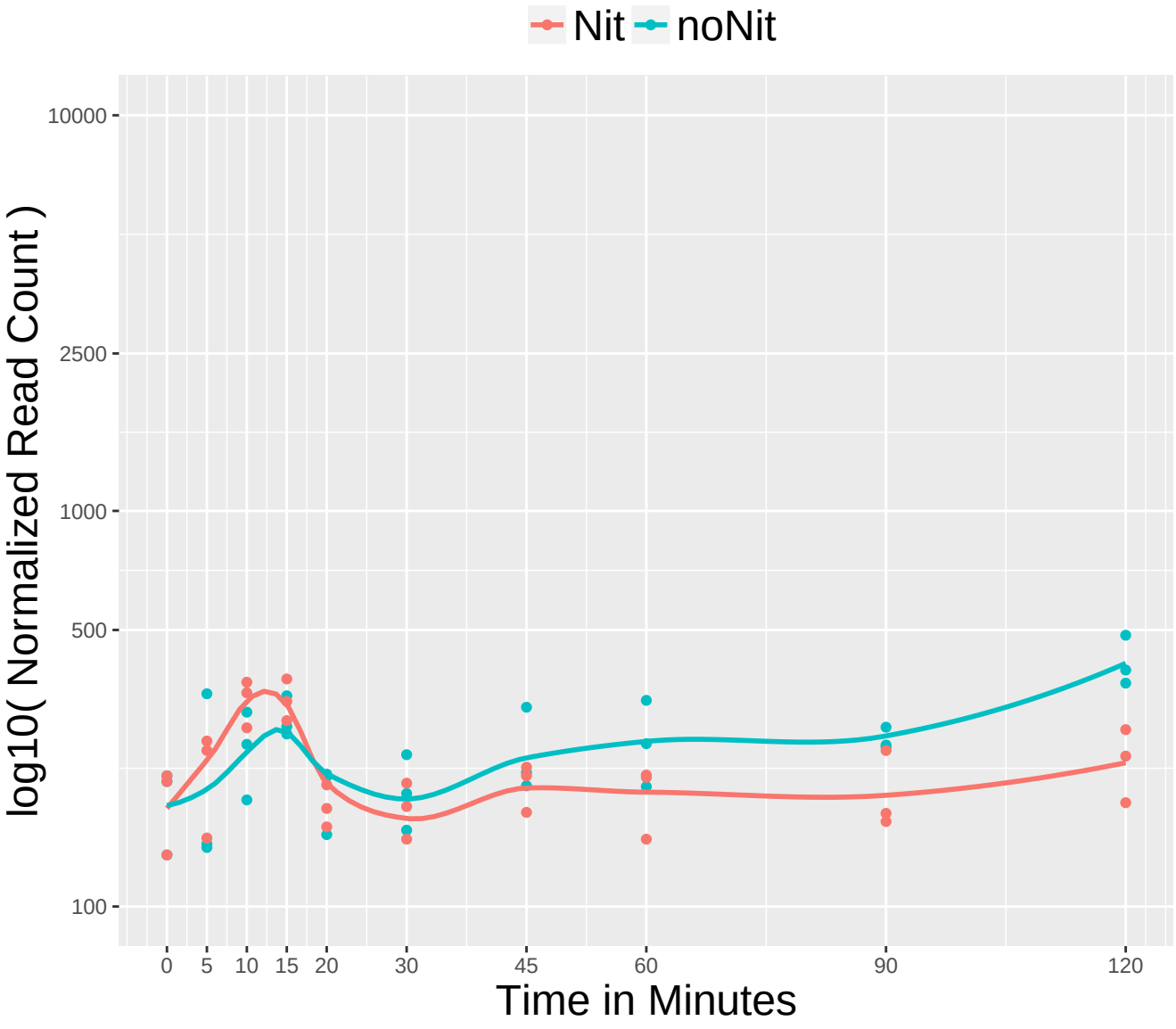
2−oxoglutarate



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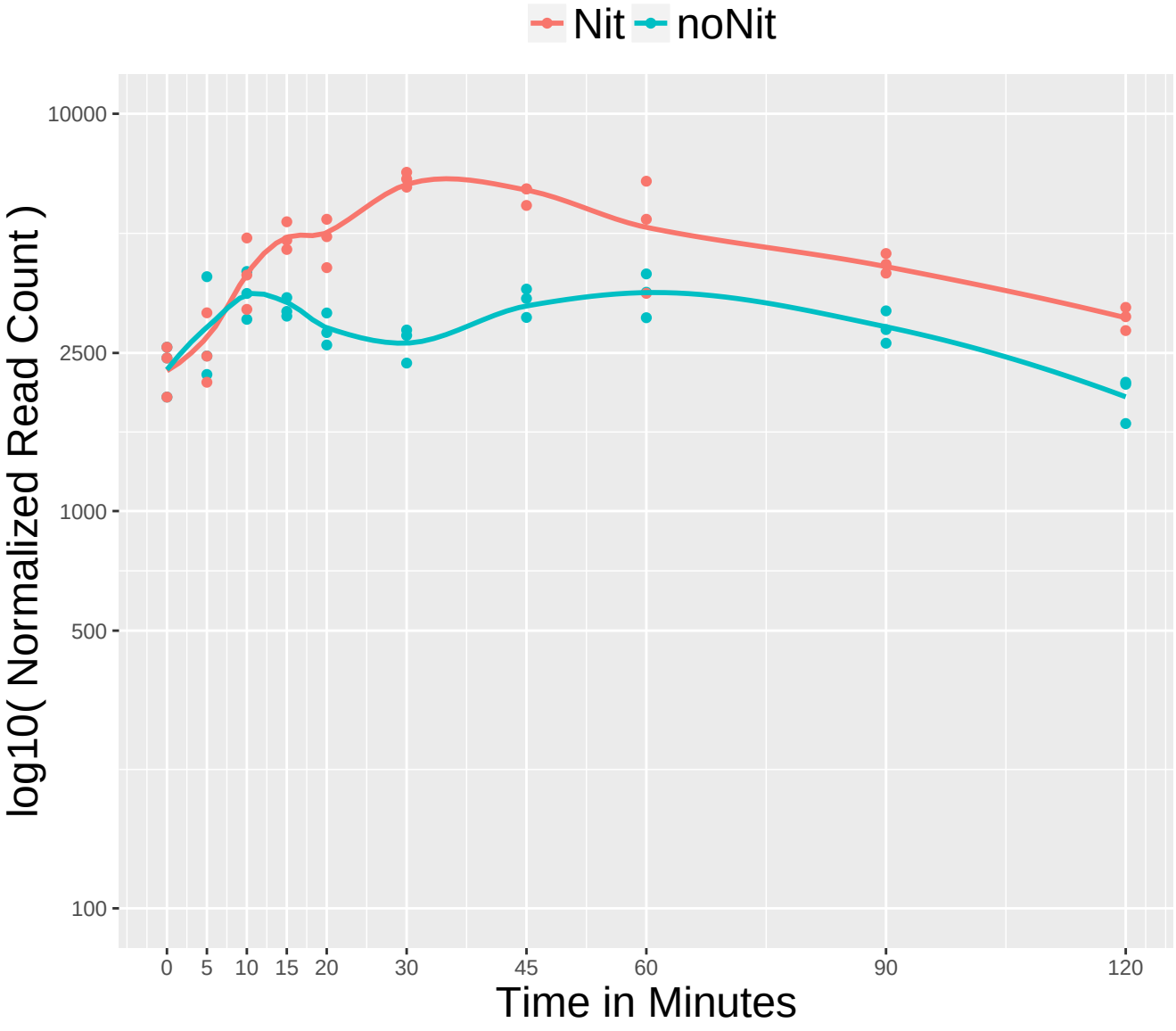
ATPPCK1,PHOSPHOENOLPYRUVATE



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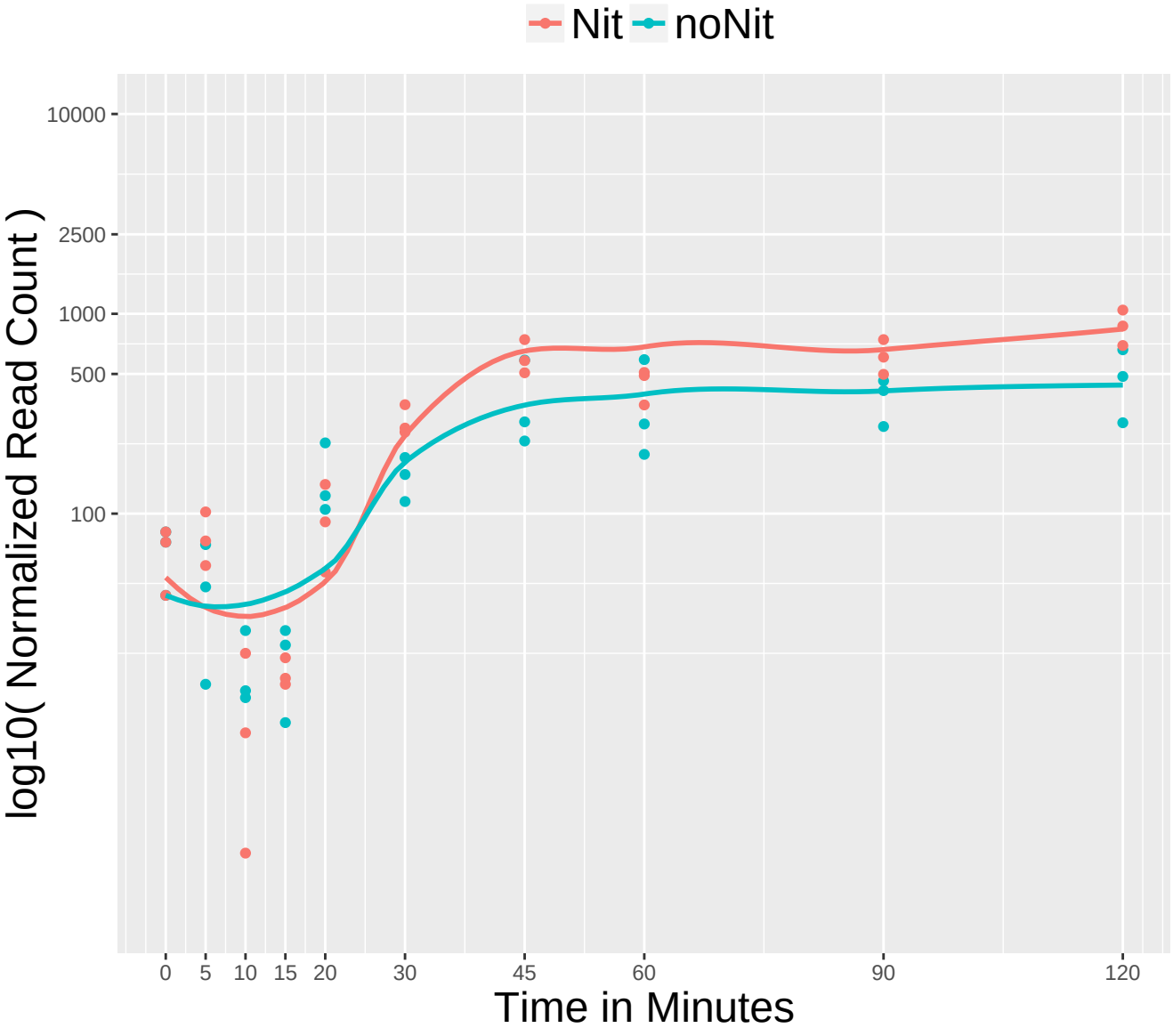
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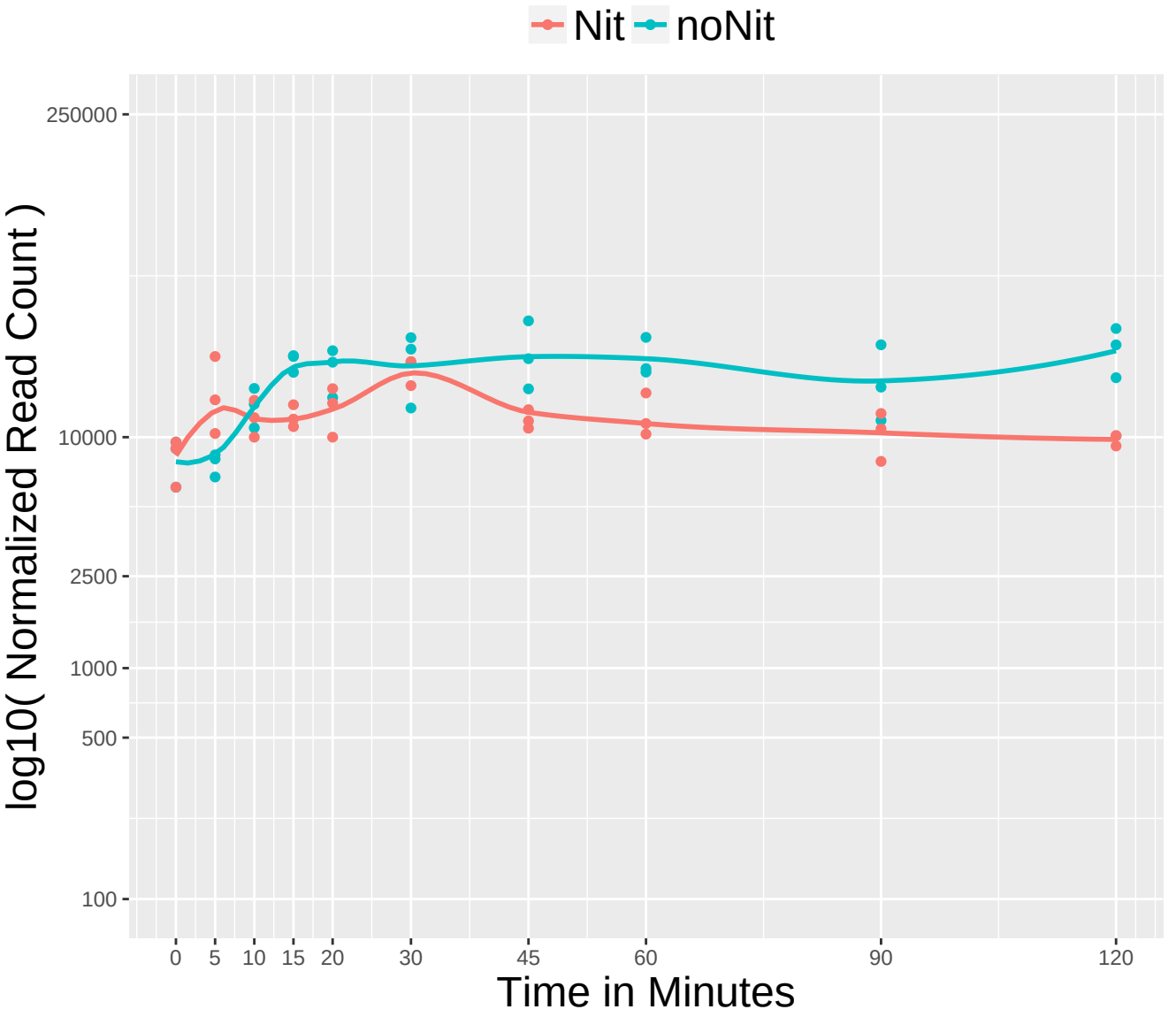
GLP4,germin−like



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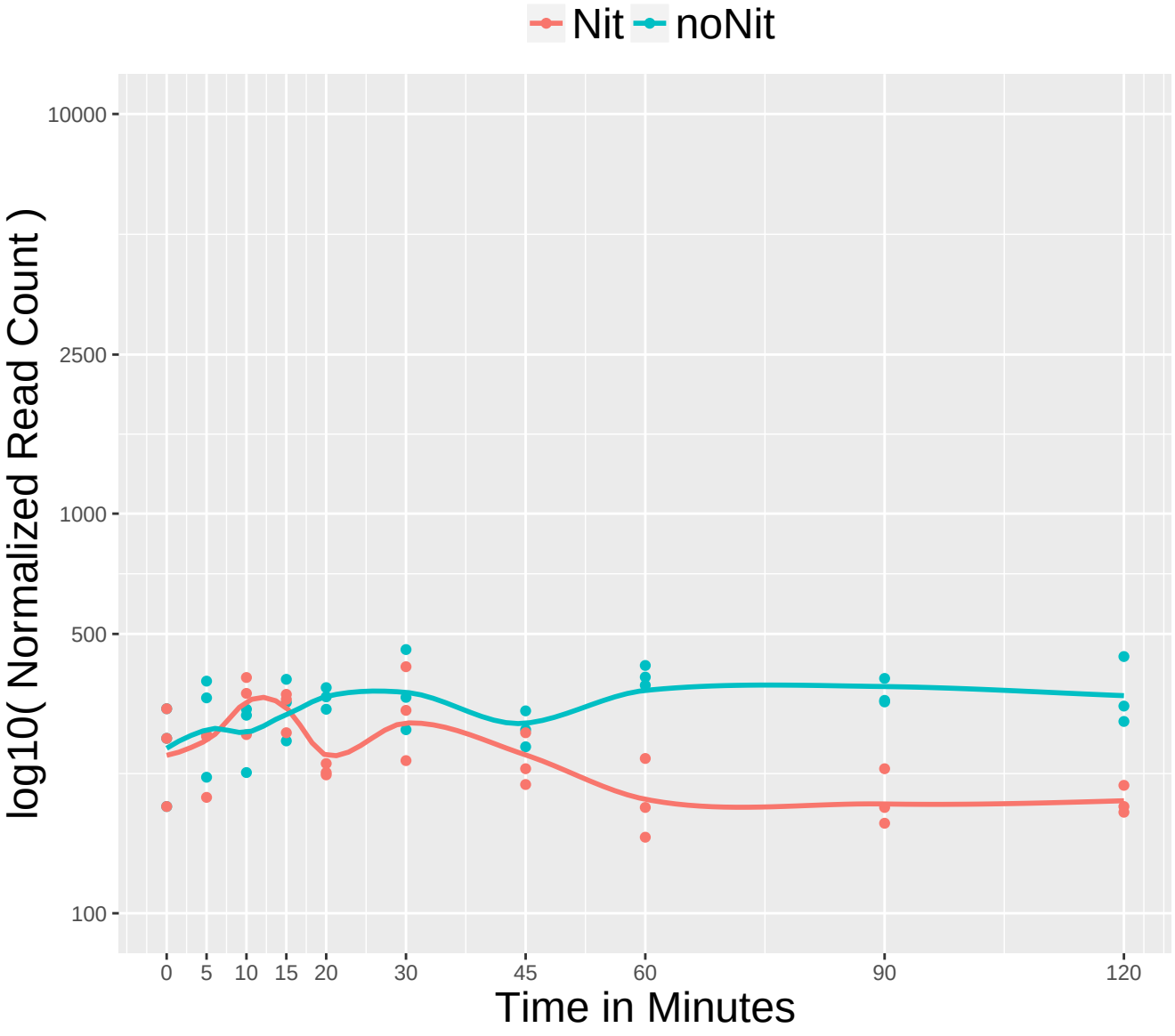
ARAB−1



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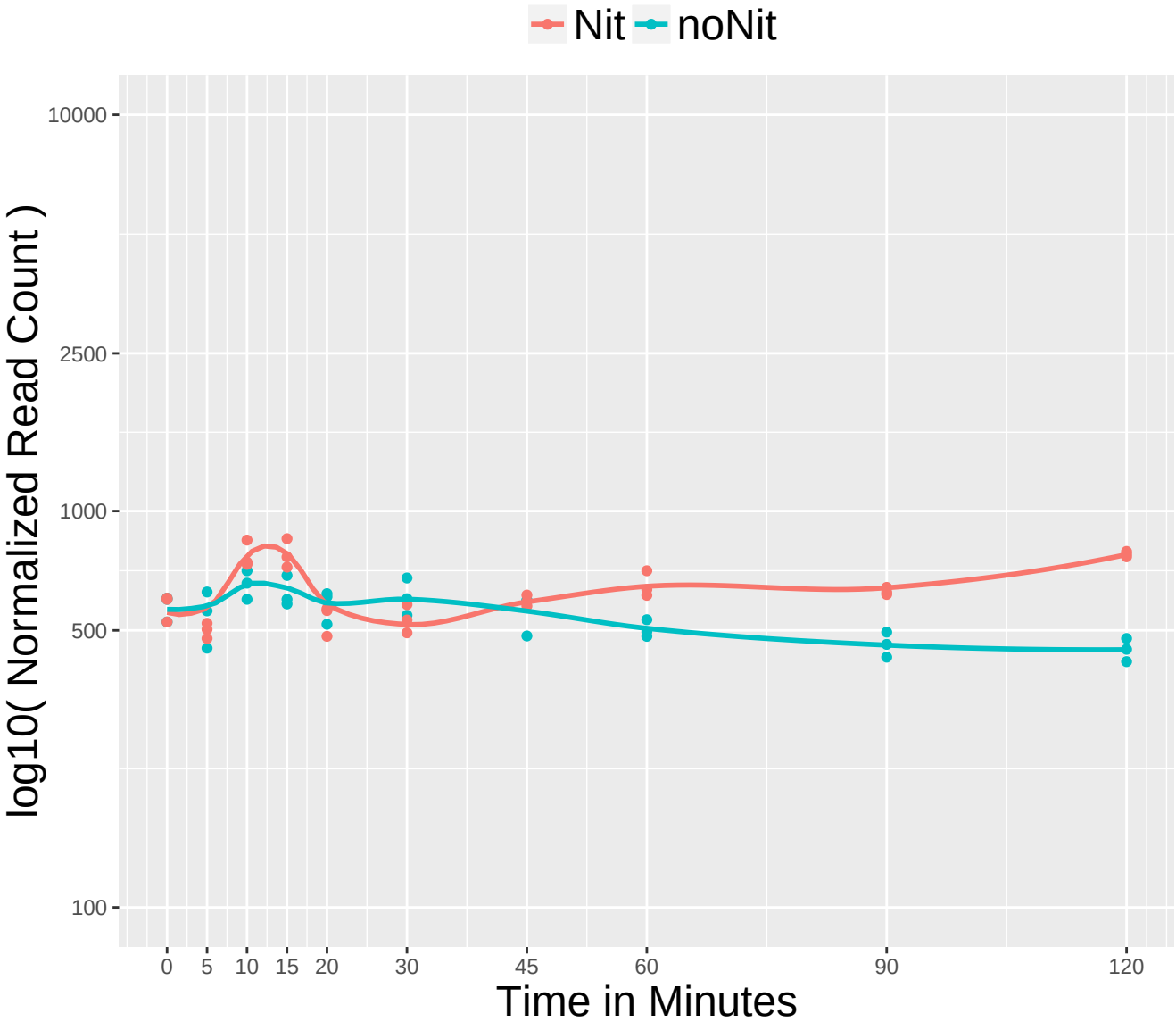

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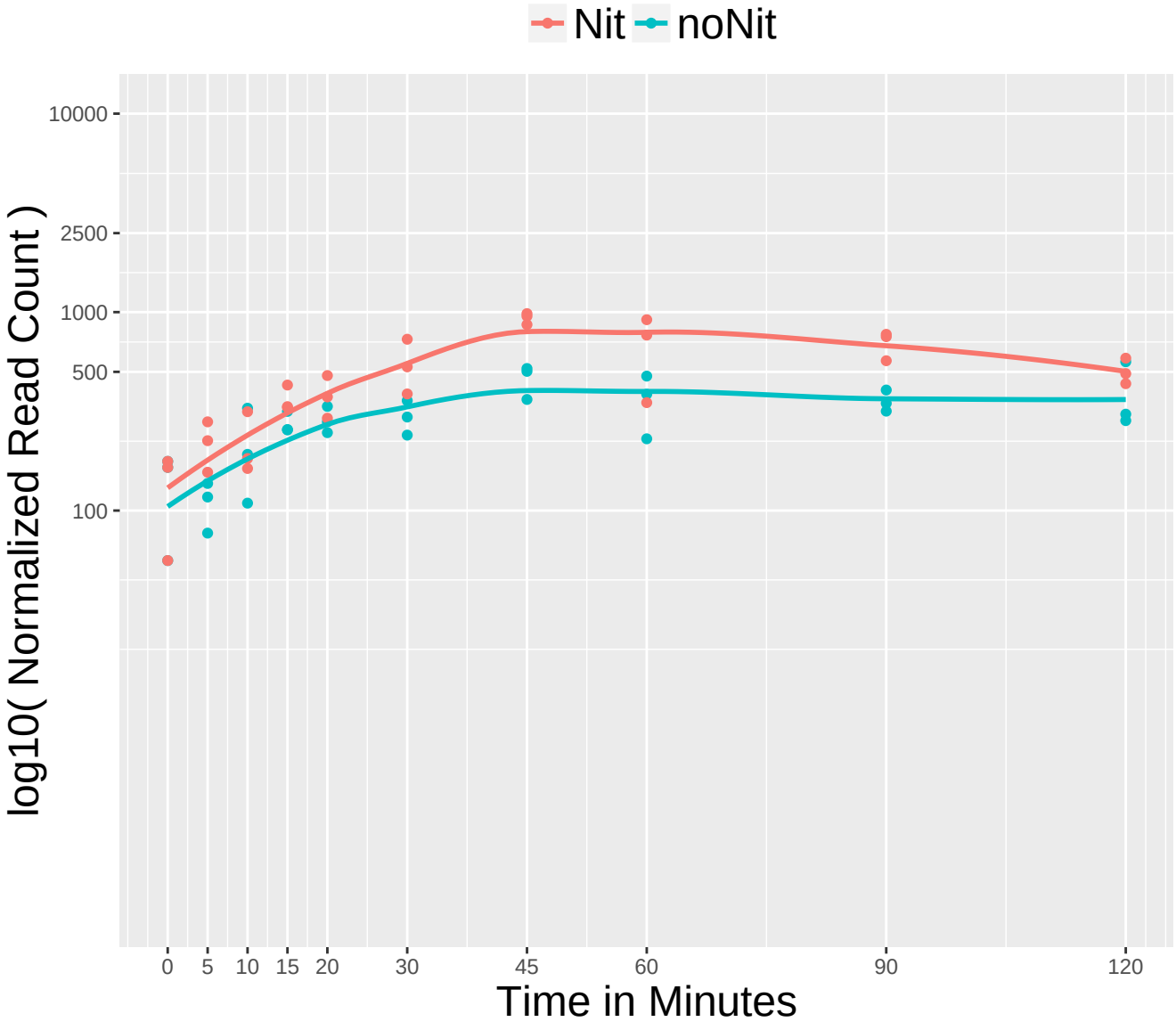
ATST4A,ARABIDOPSIS



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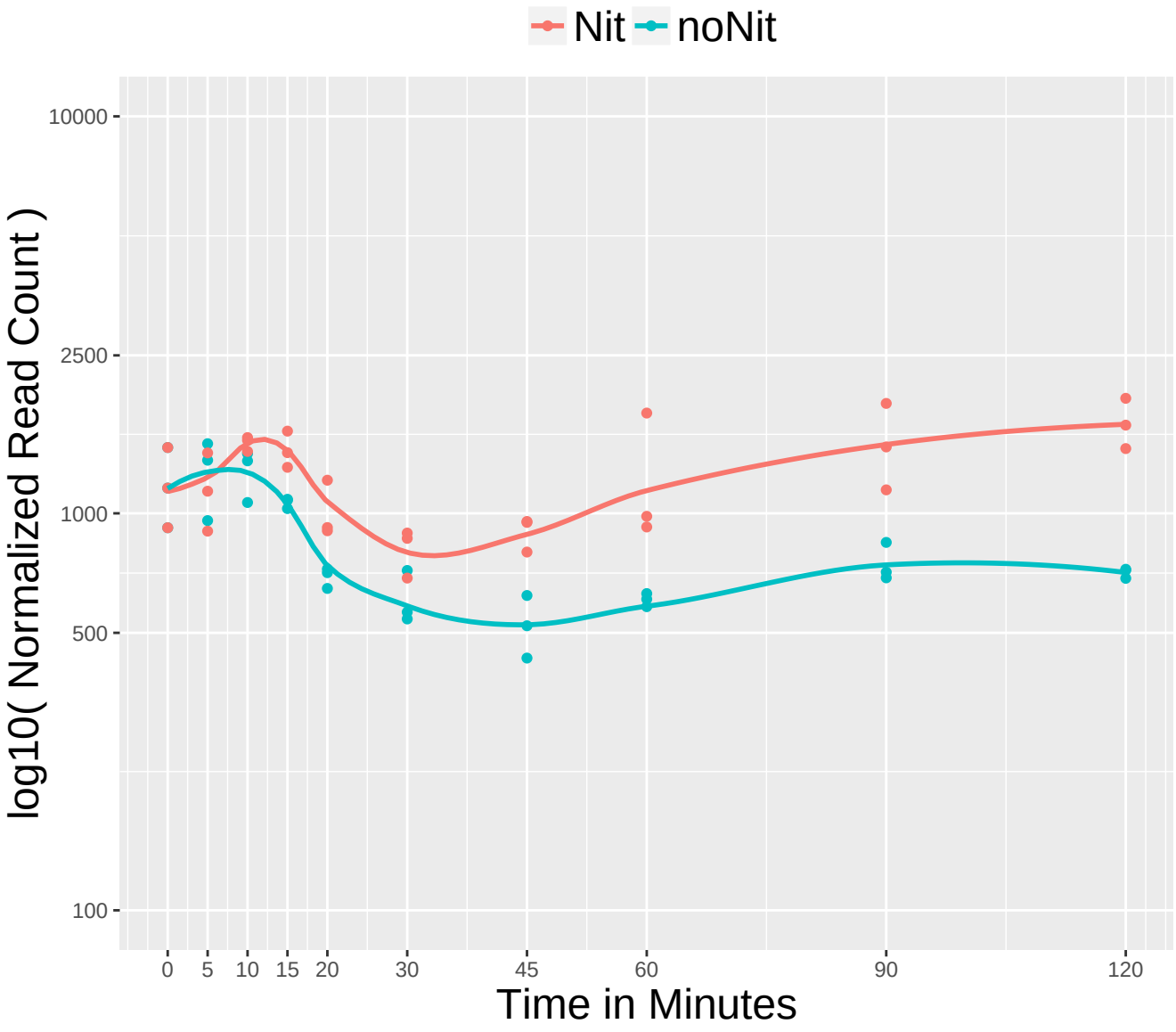
PDV2,PLASTID



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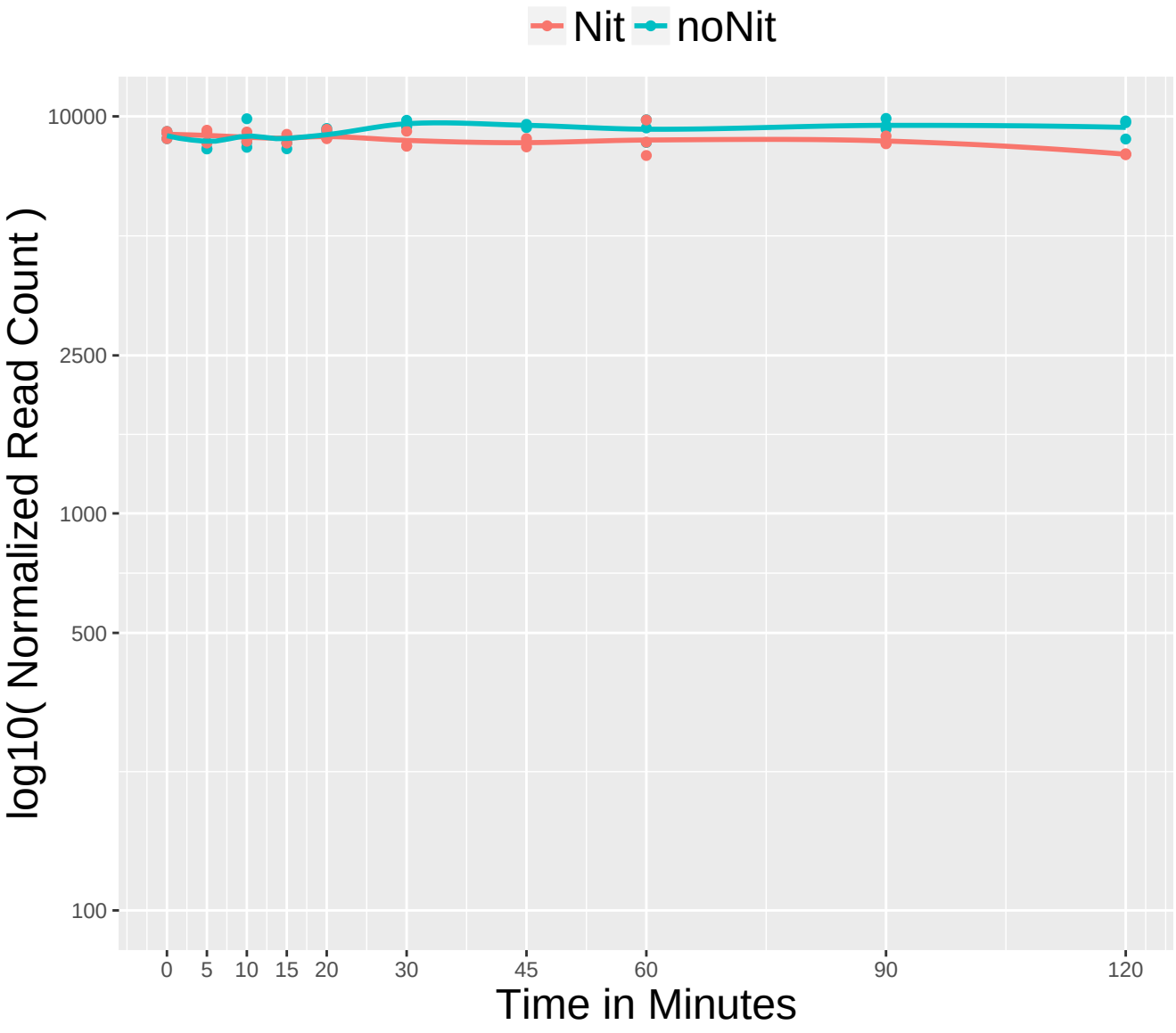

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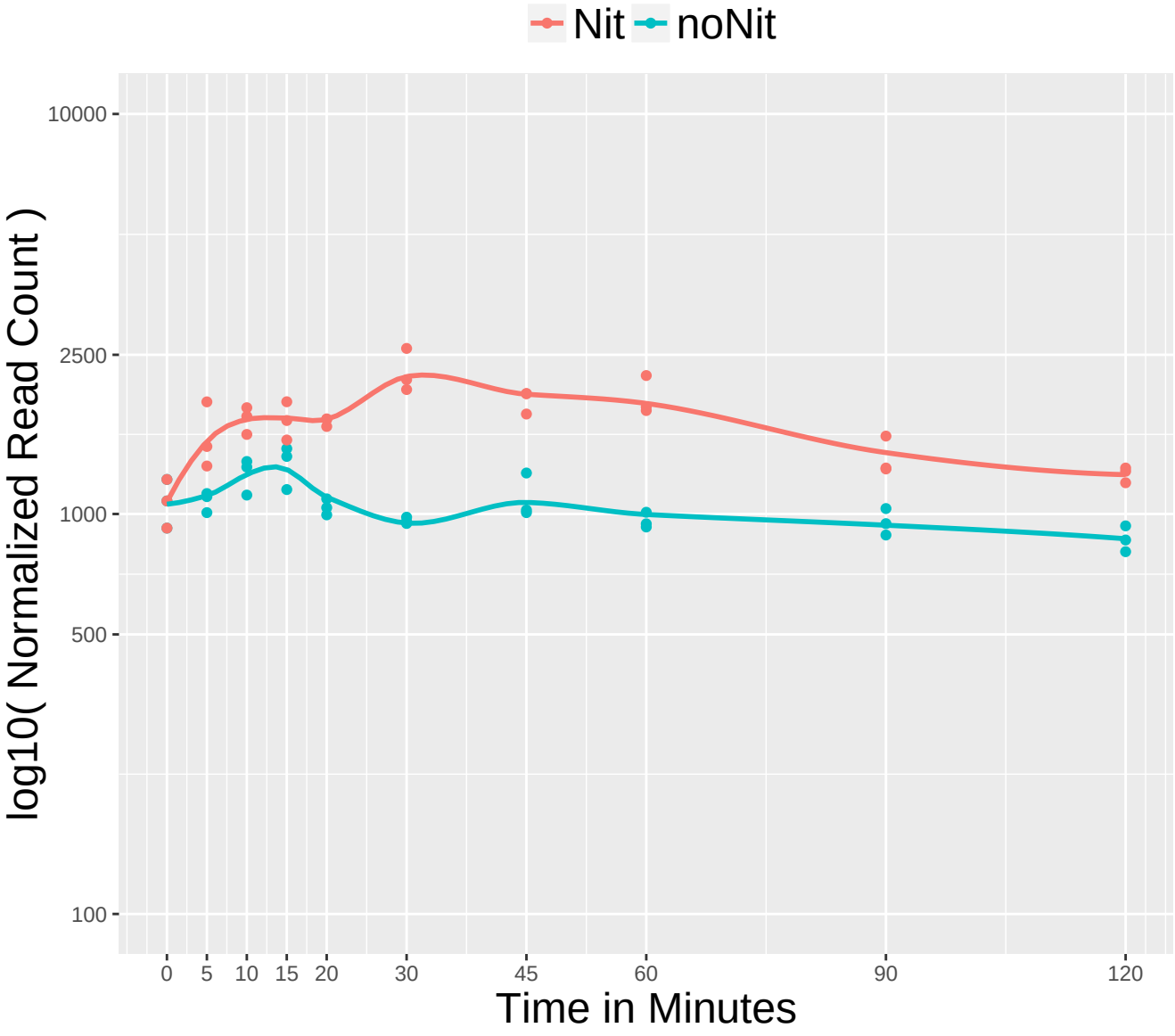

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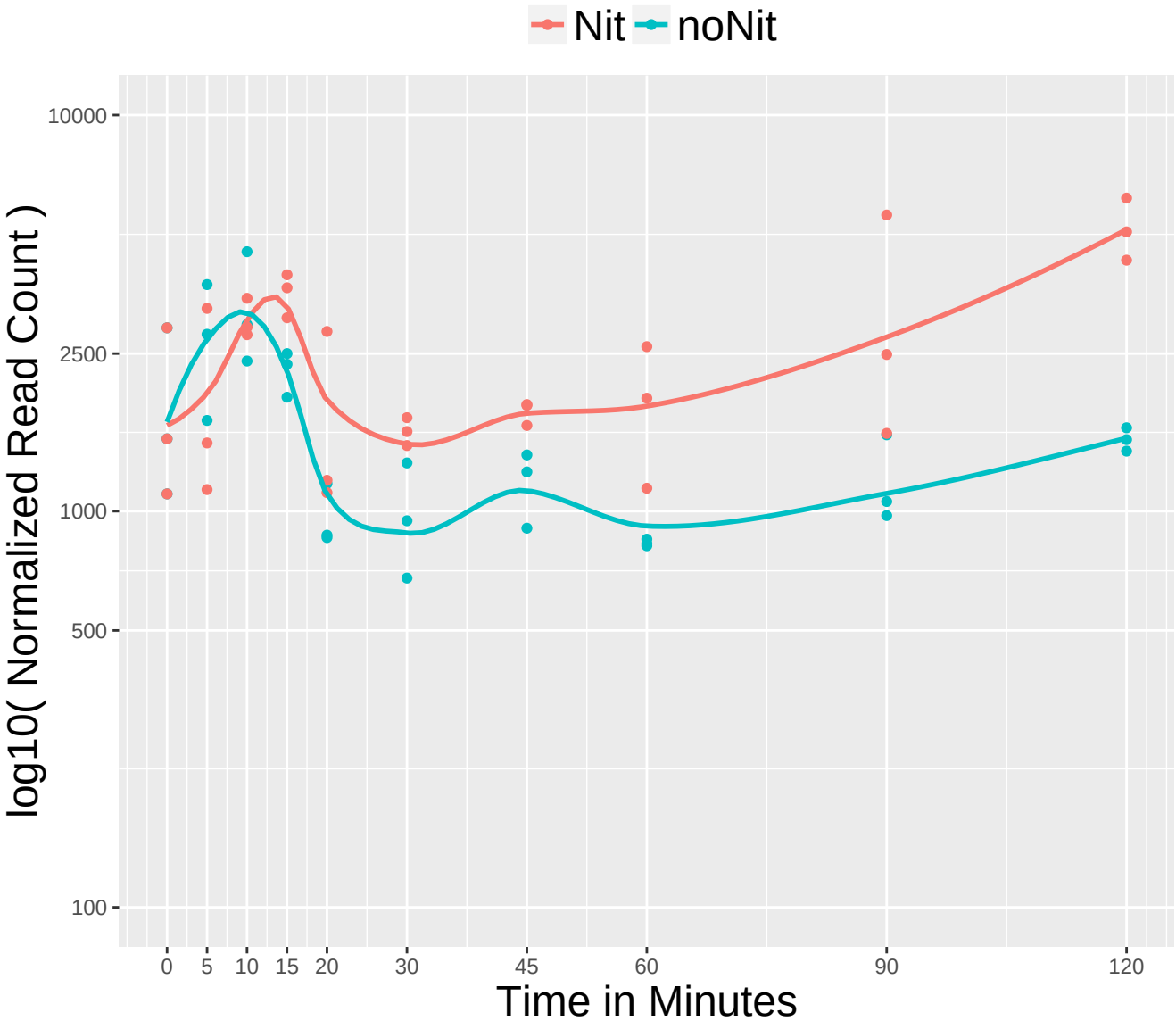

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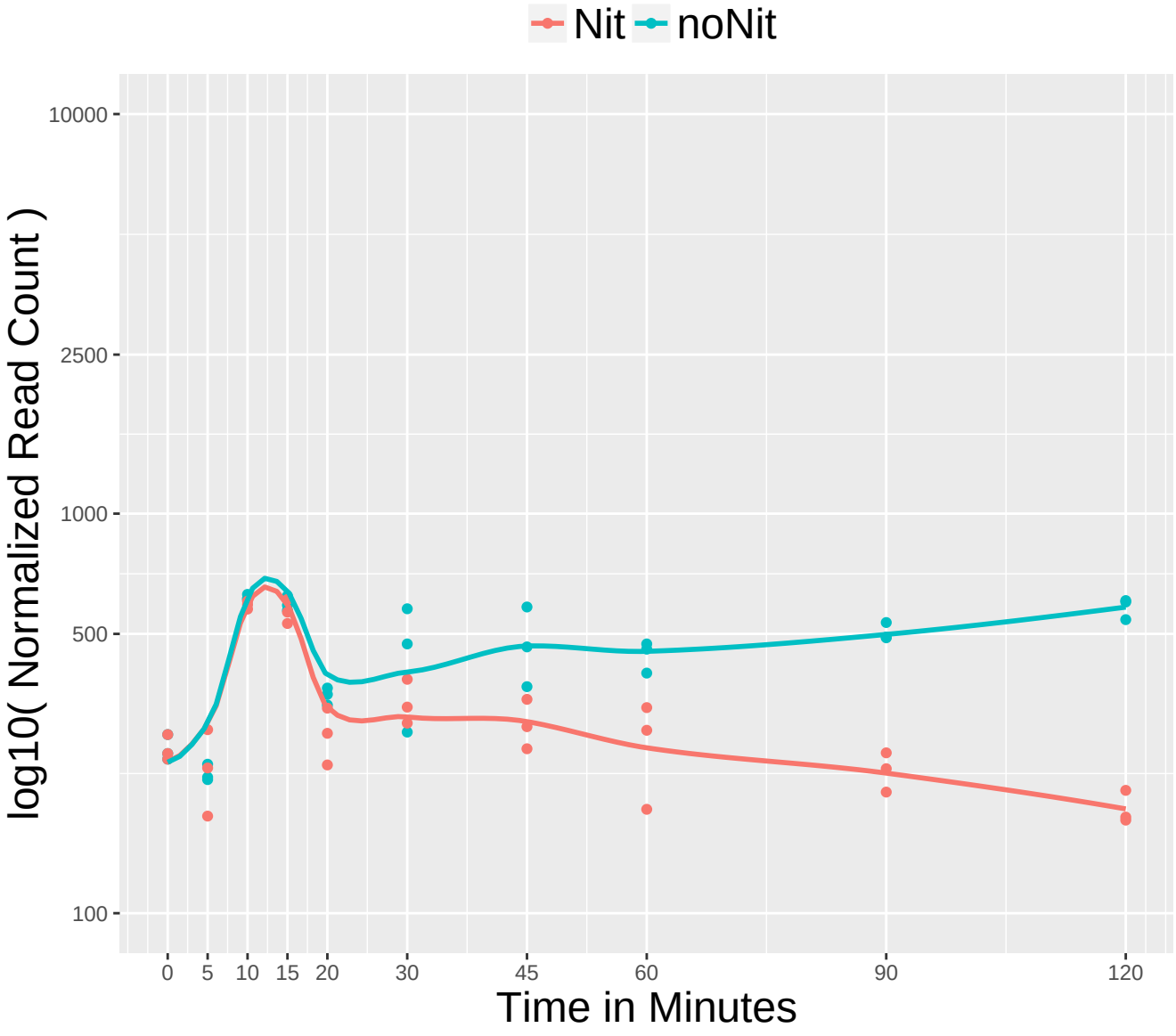

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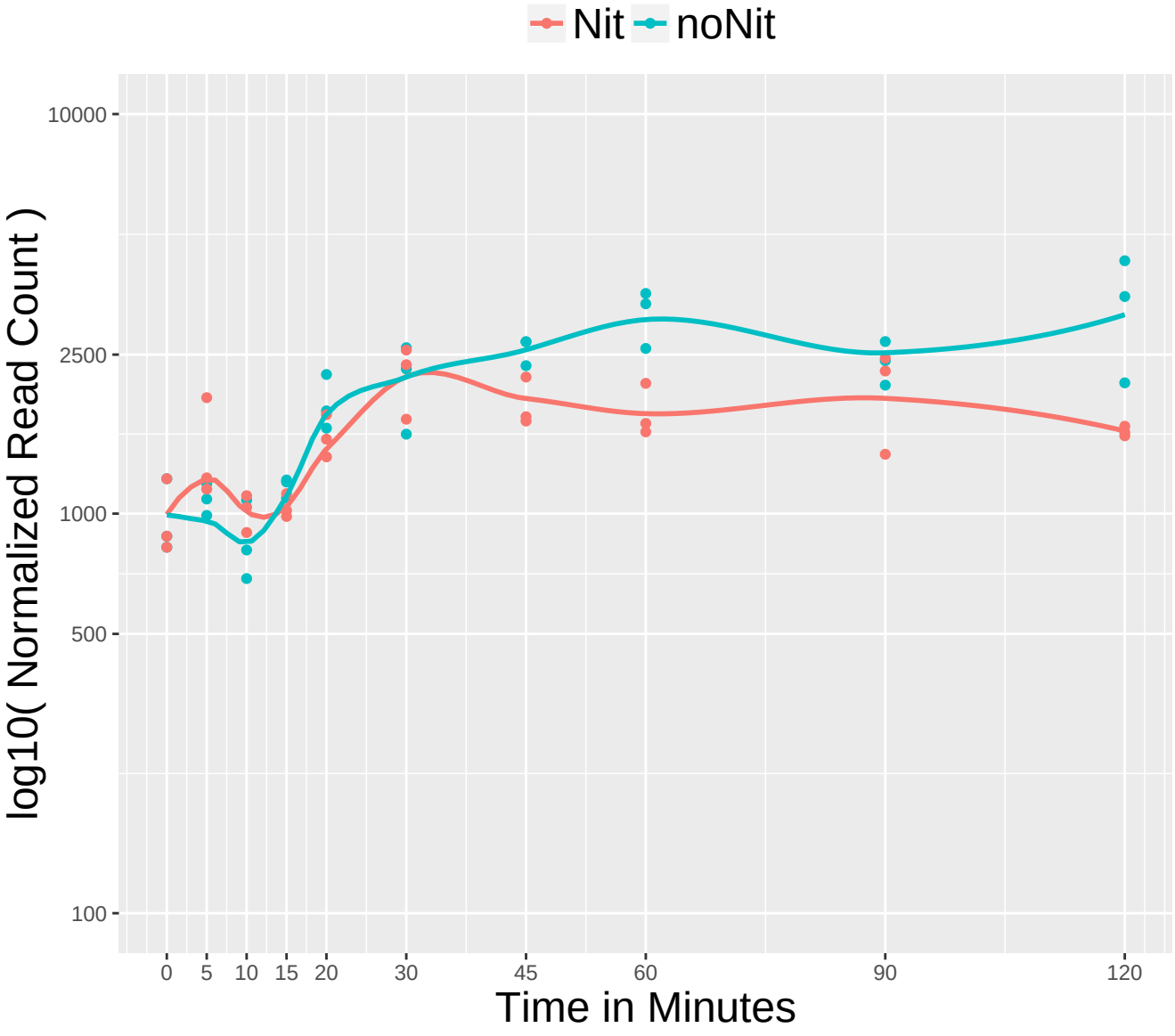
RING/U−box



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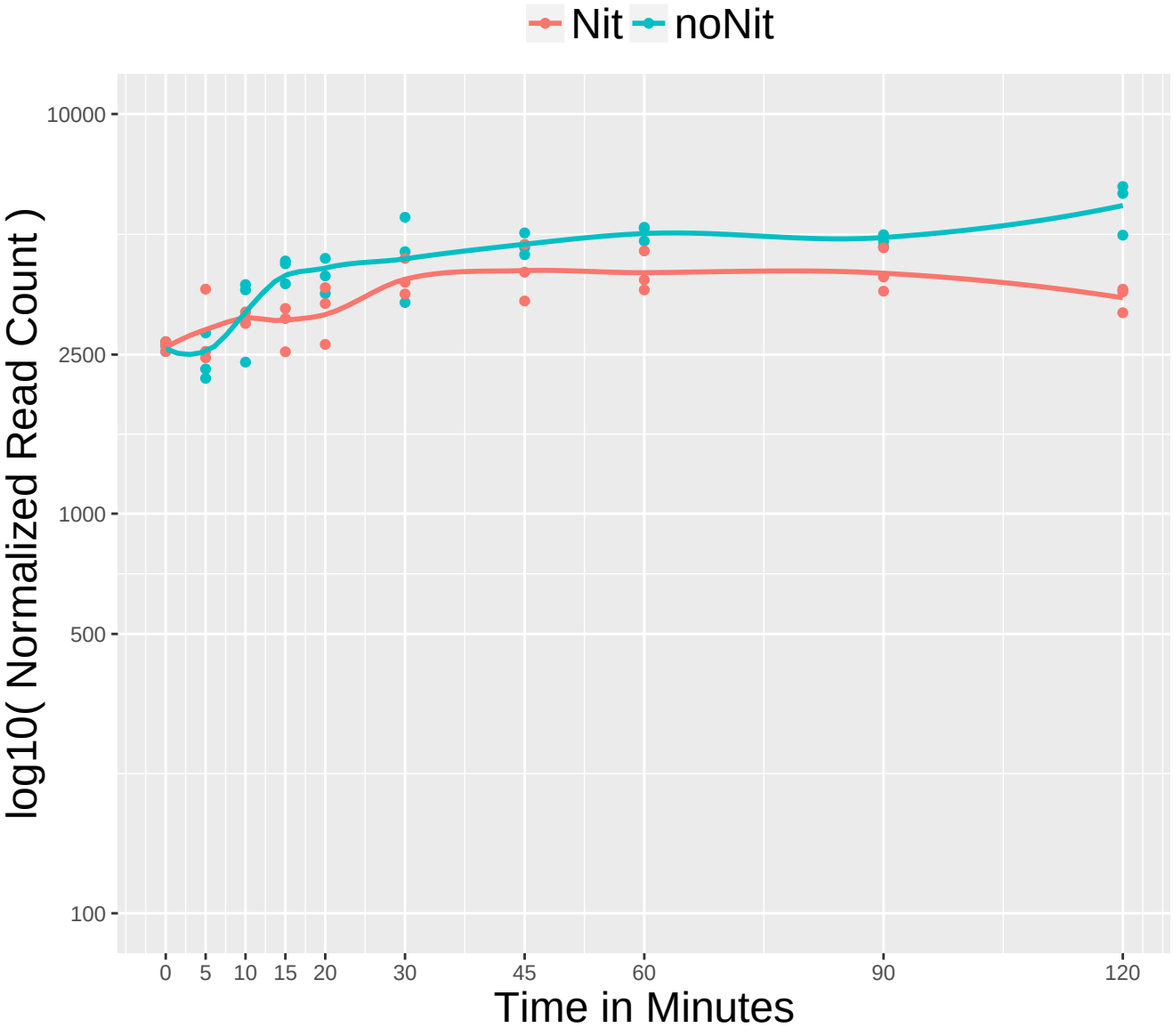
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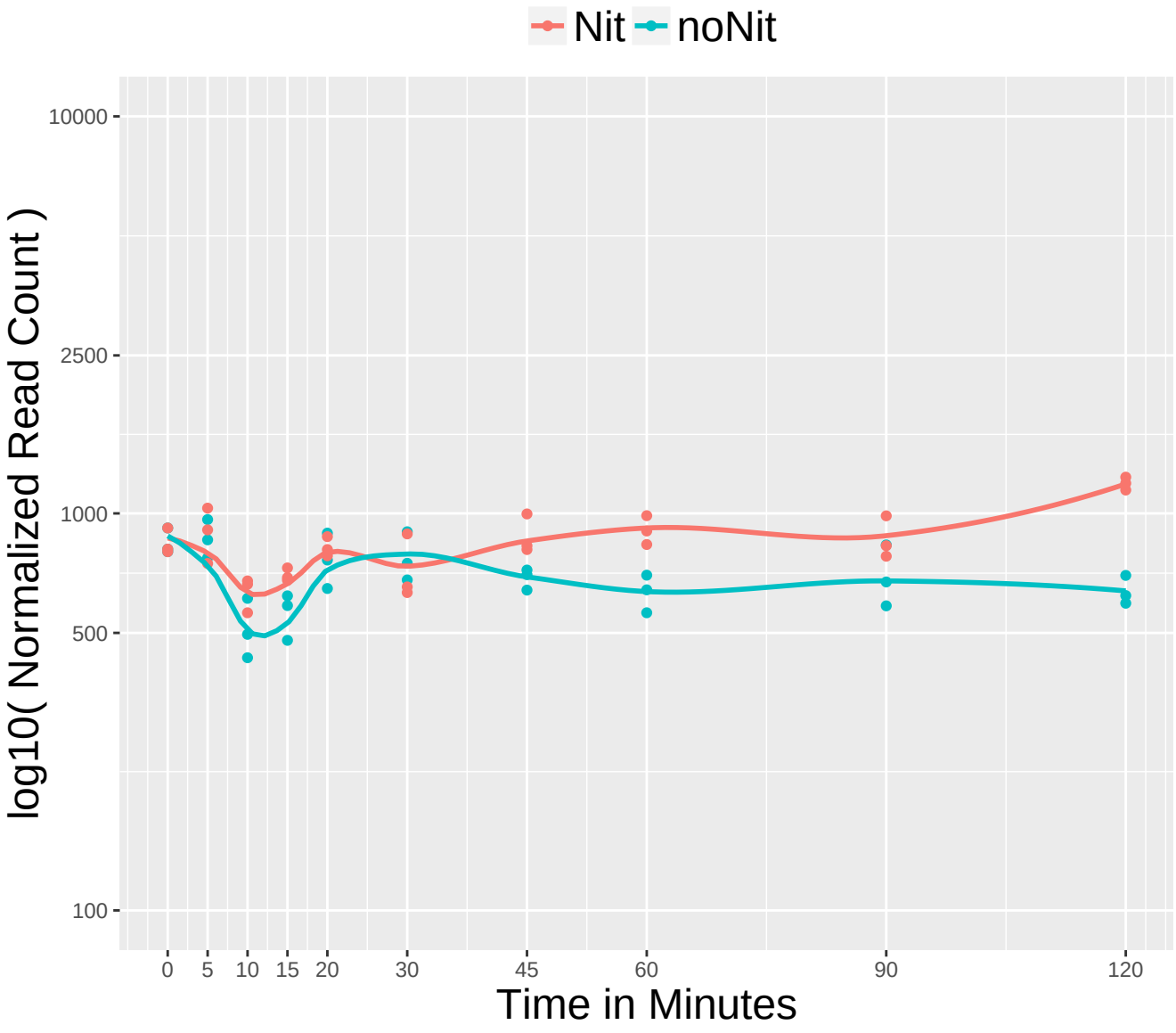

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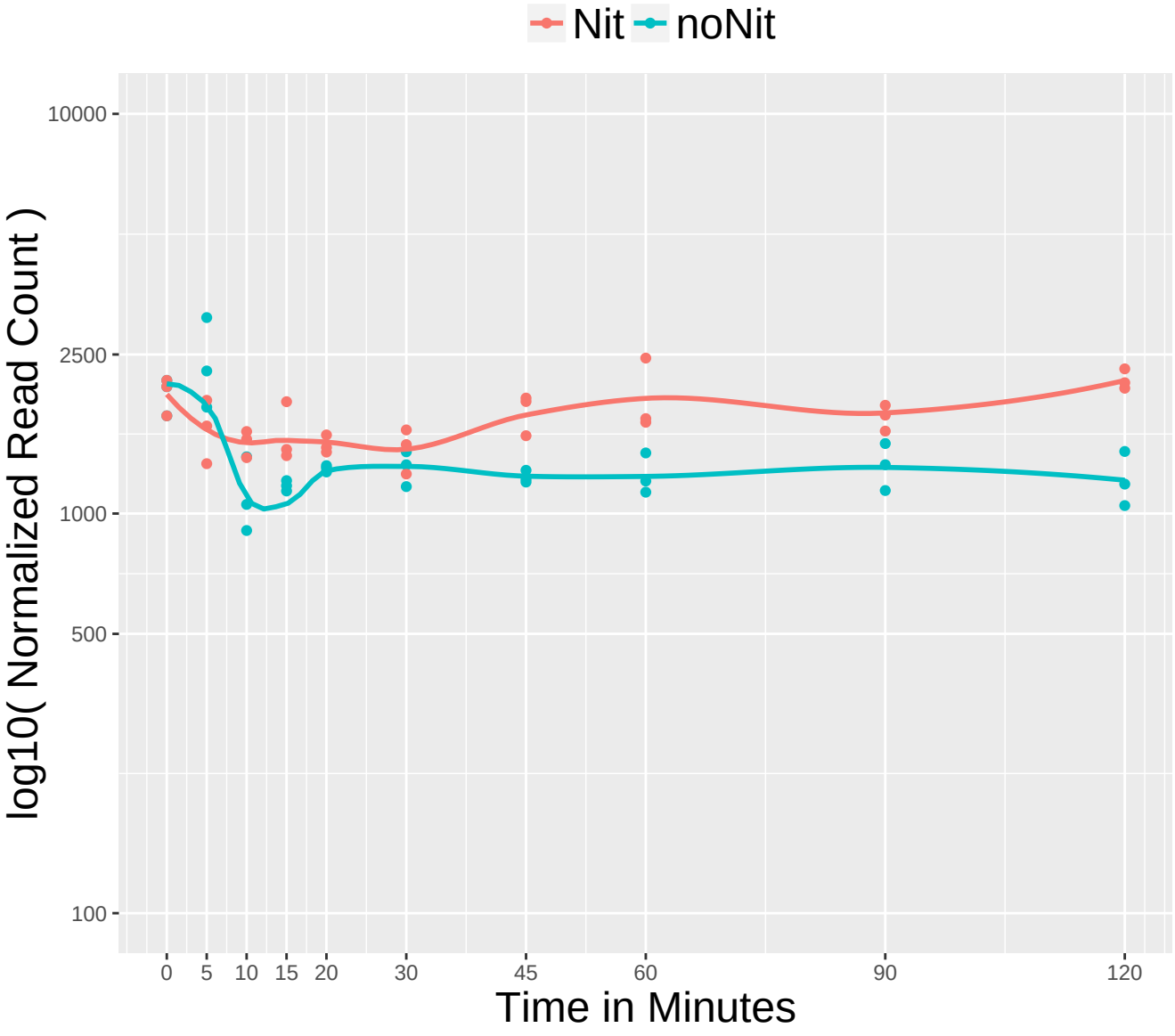

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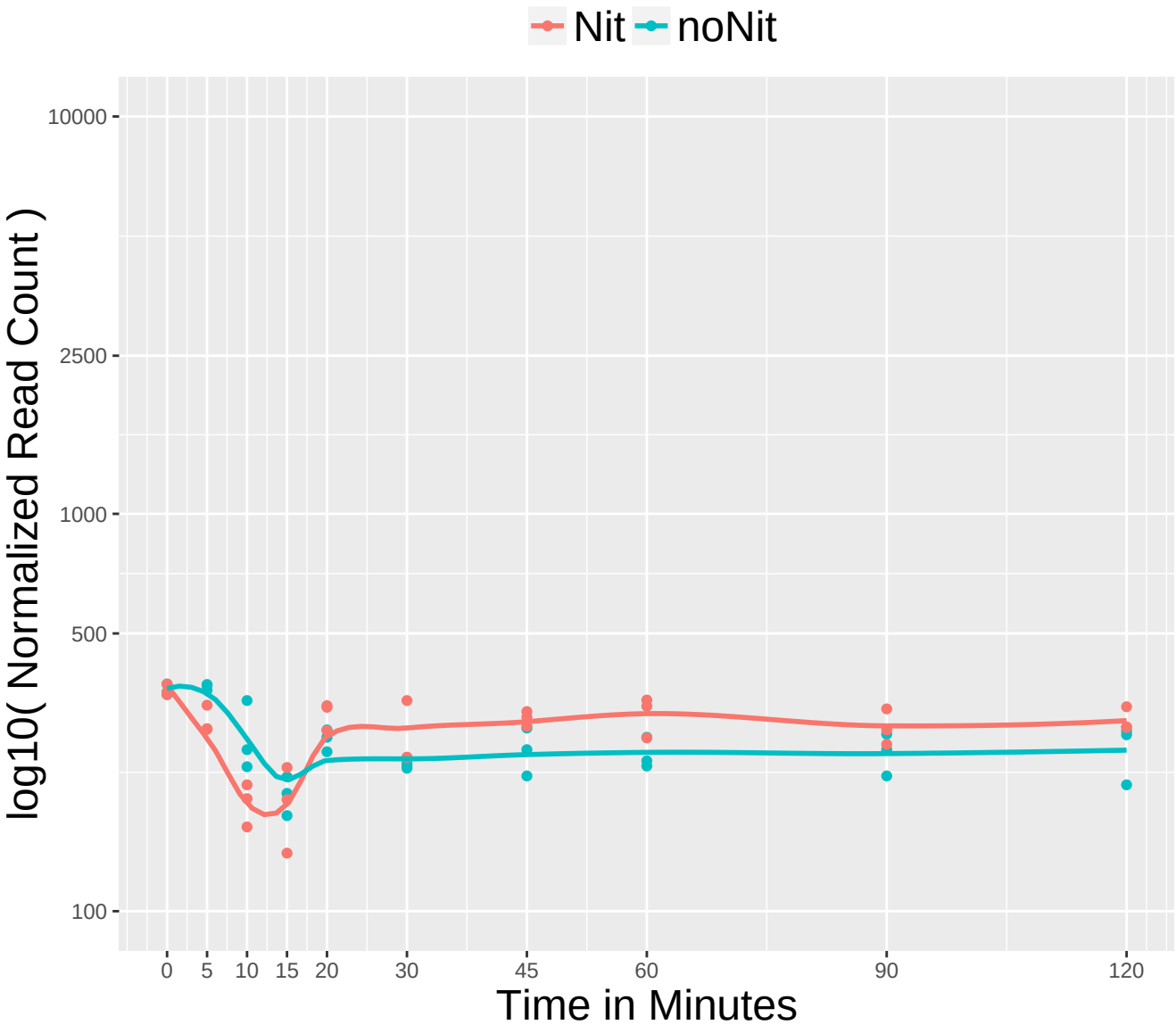
INDH,iron−sulfur



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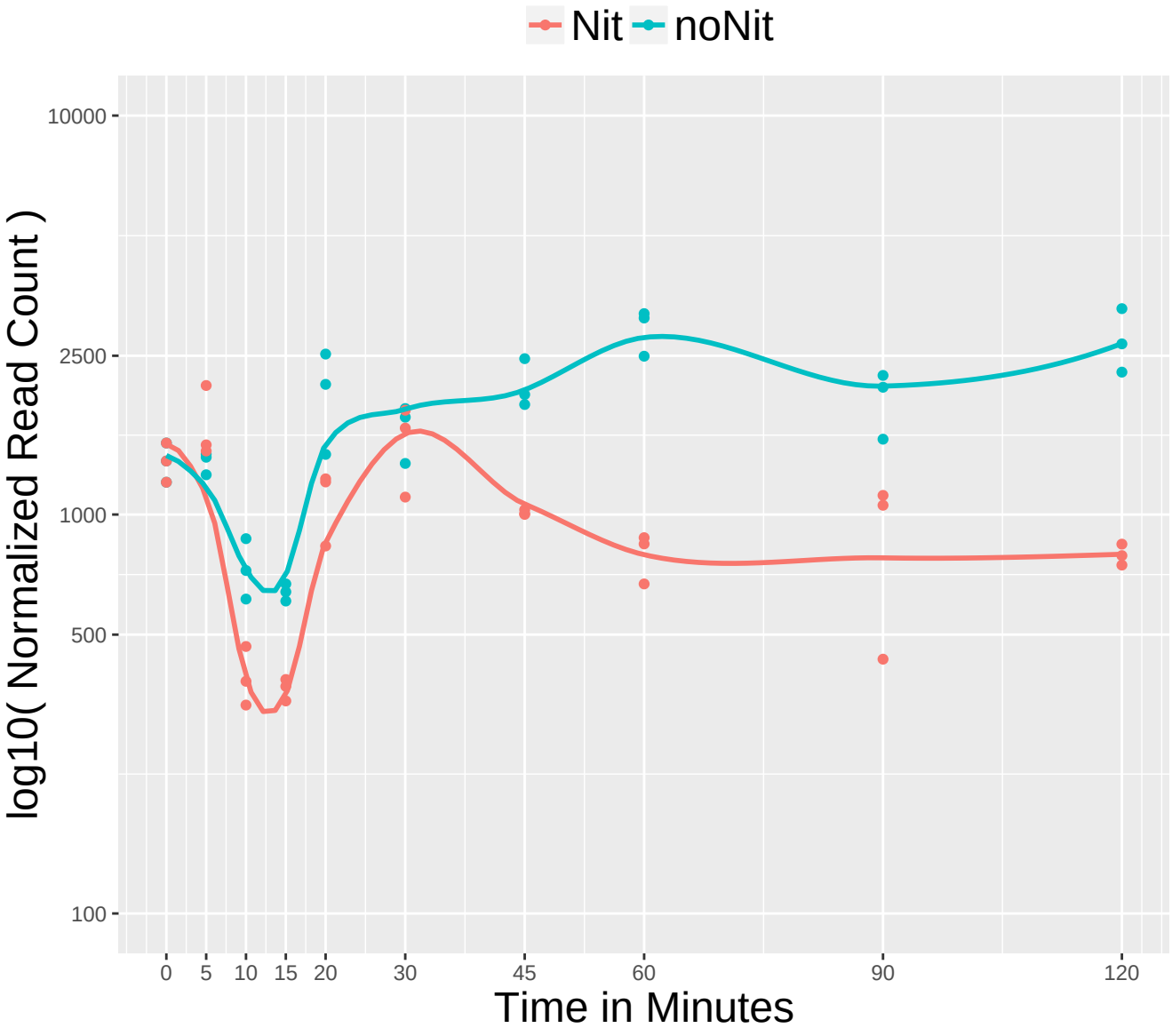
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AT4G34450

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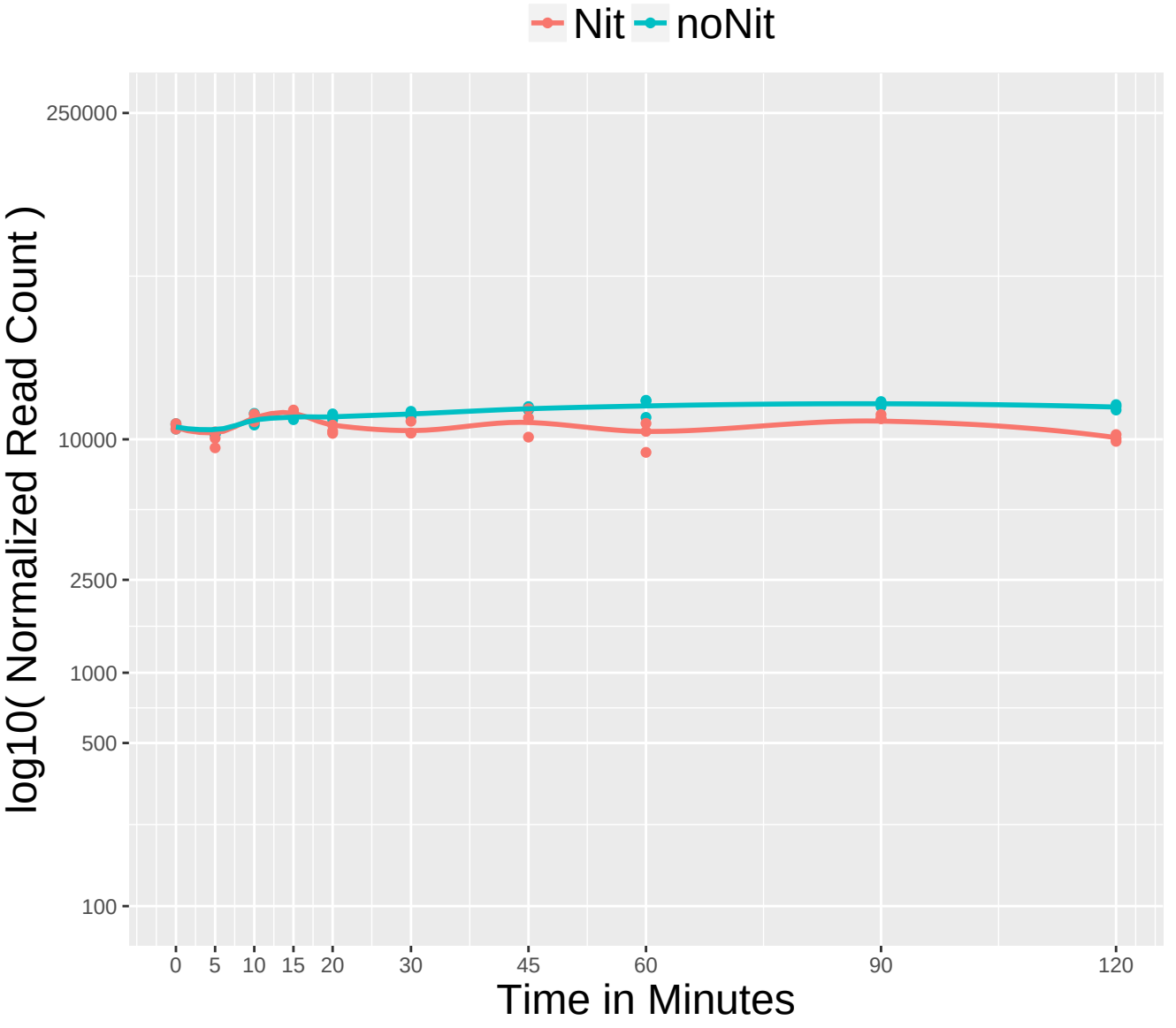

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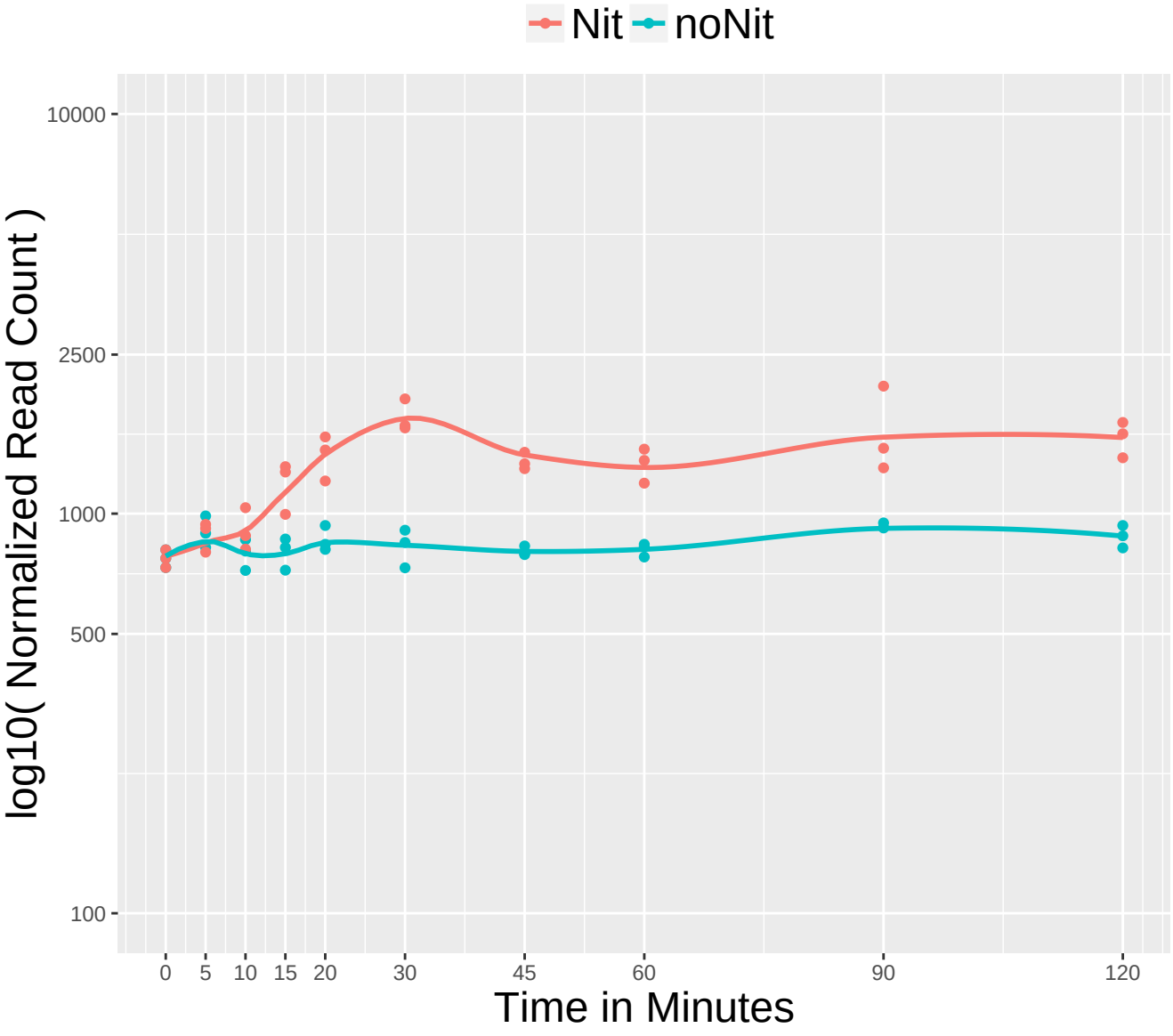
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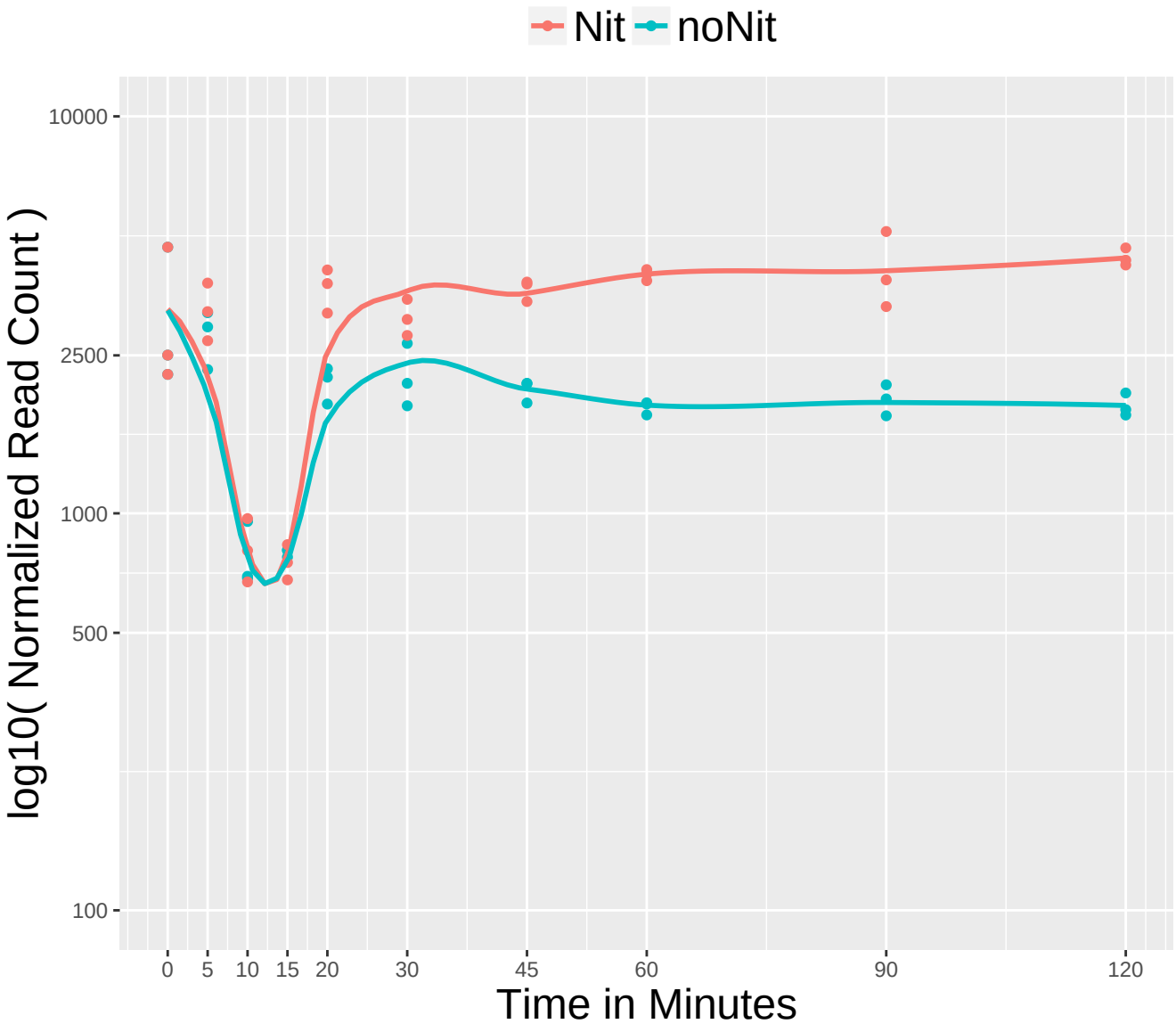
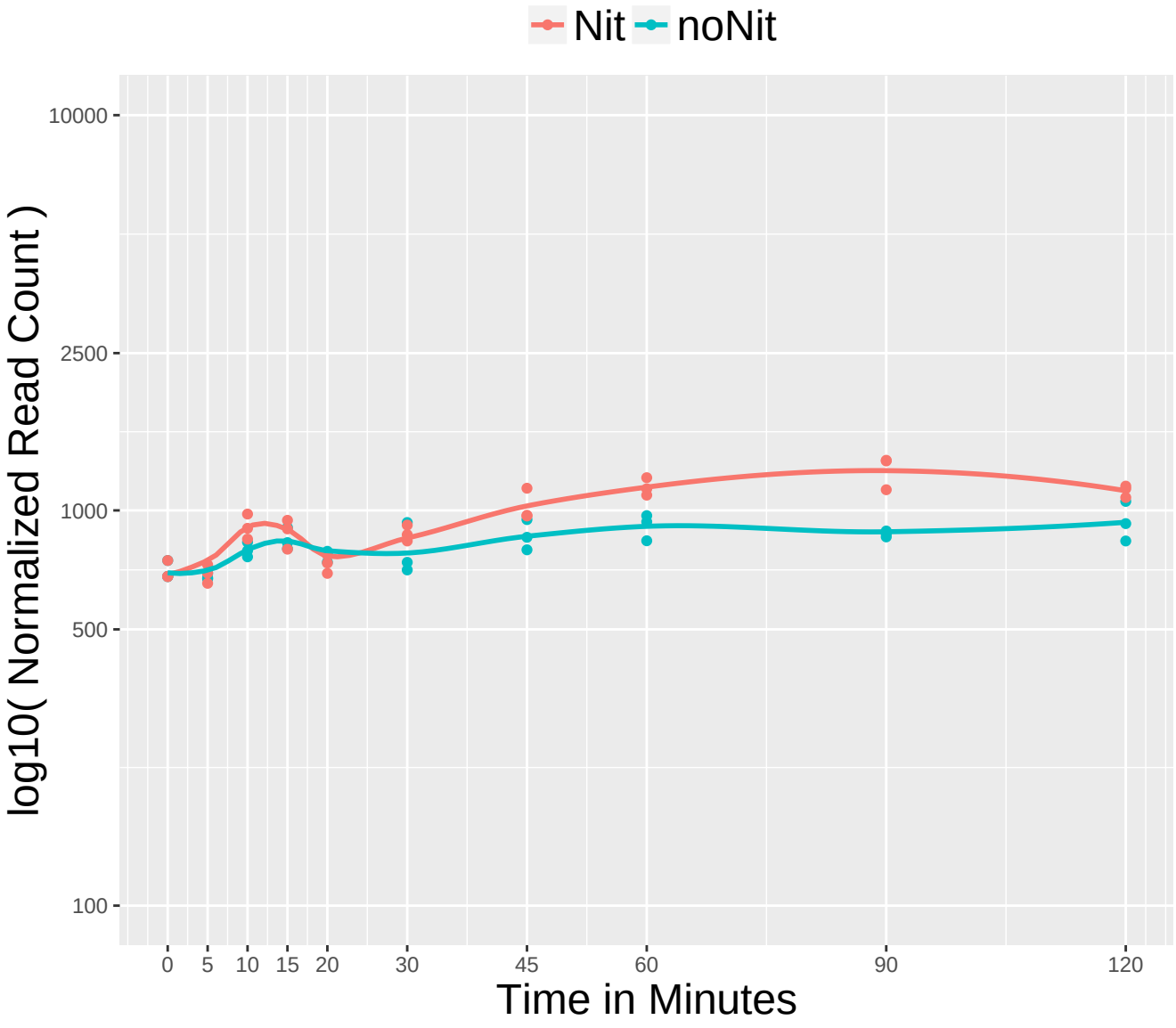
AT5G53160

PYL8,PYR1−like



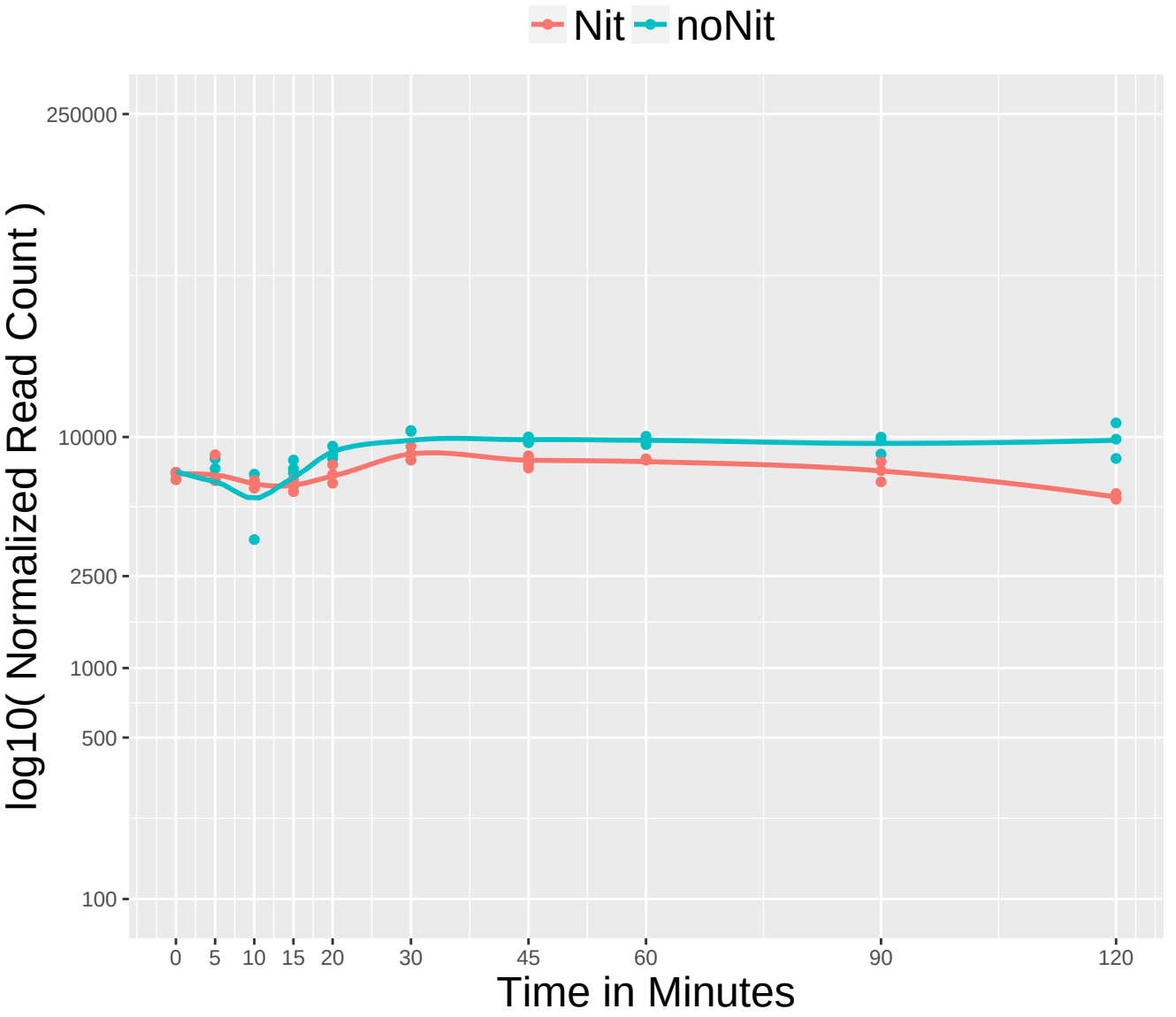
AT1G32500

ABCI7,ATP−binding



AT1G48850

EMB1144,embryo



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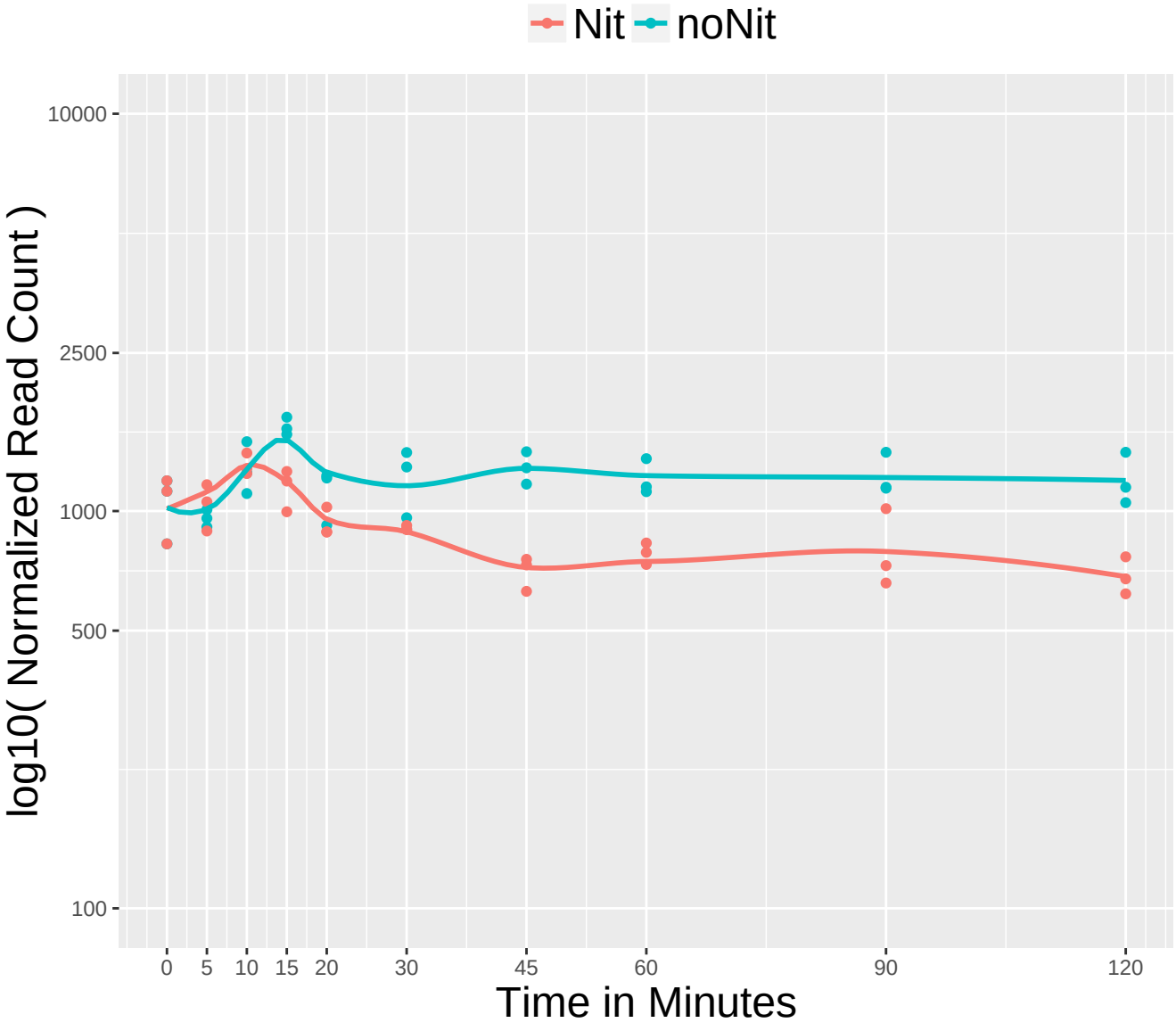
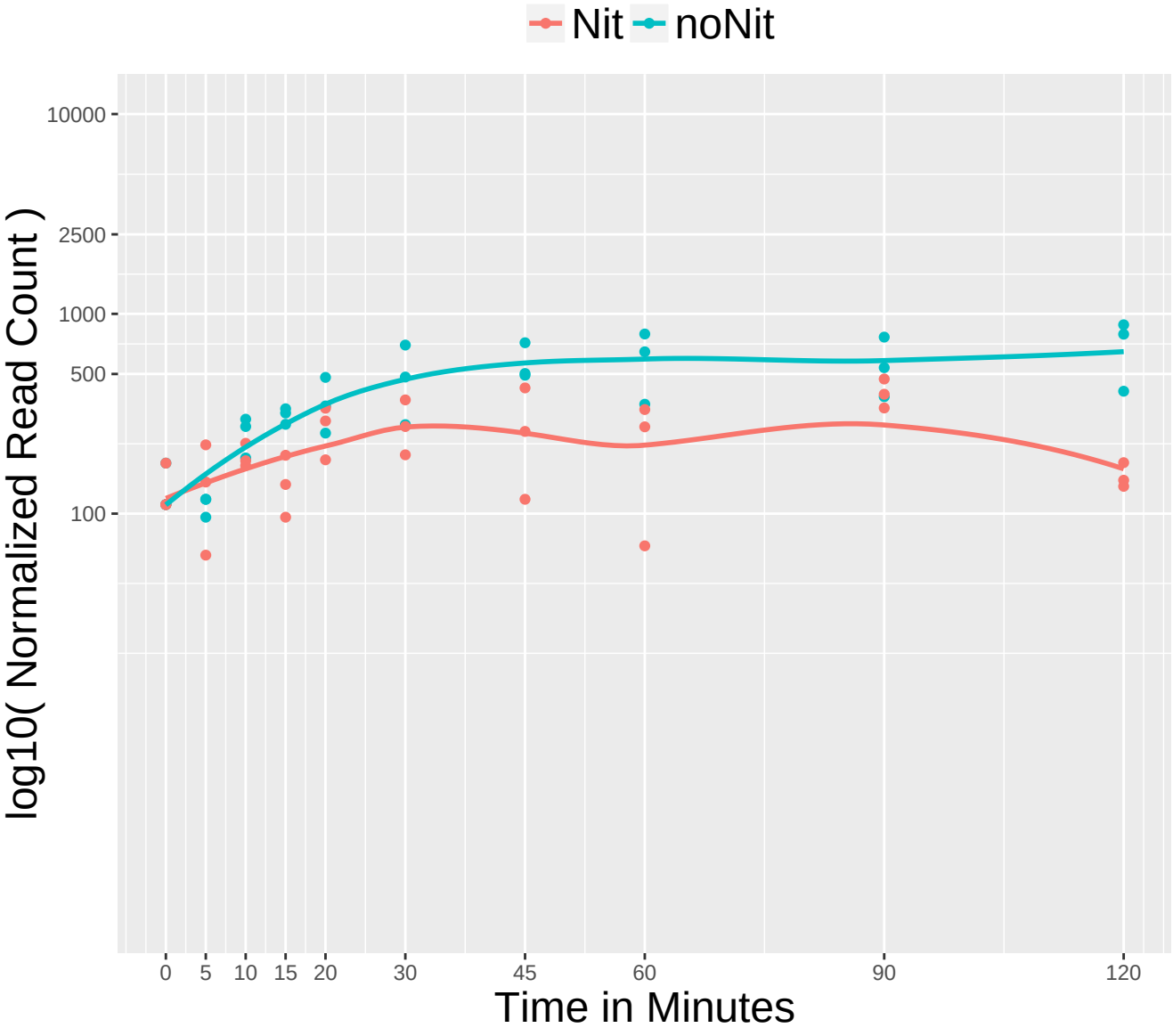
IXR11,,KNAT7,KNOTTED−like



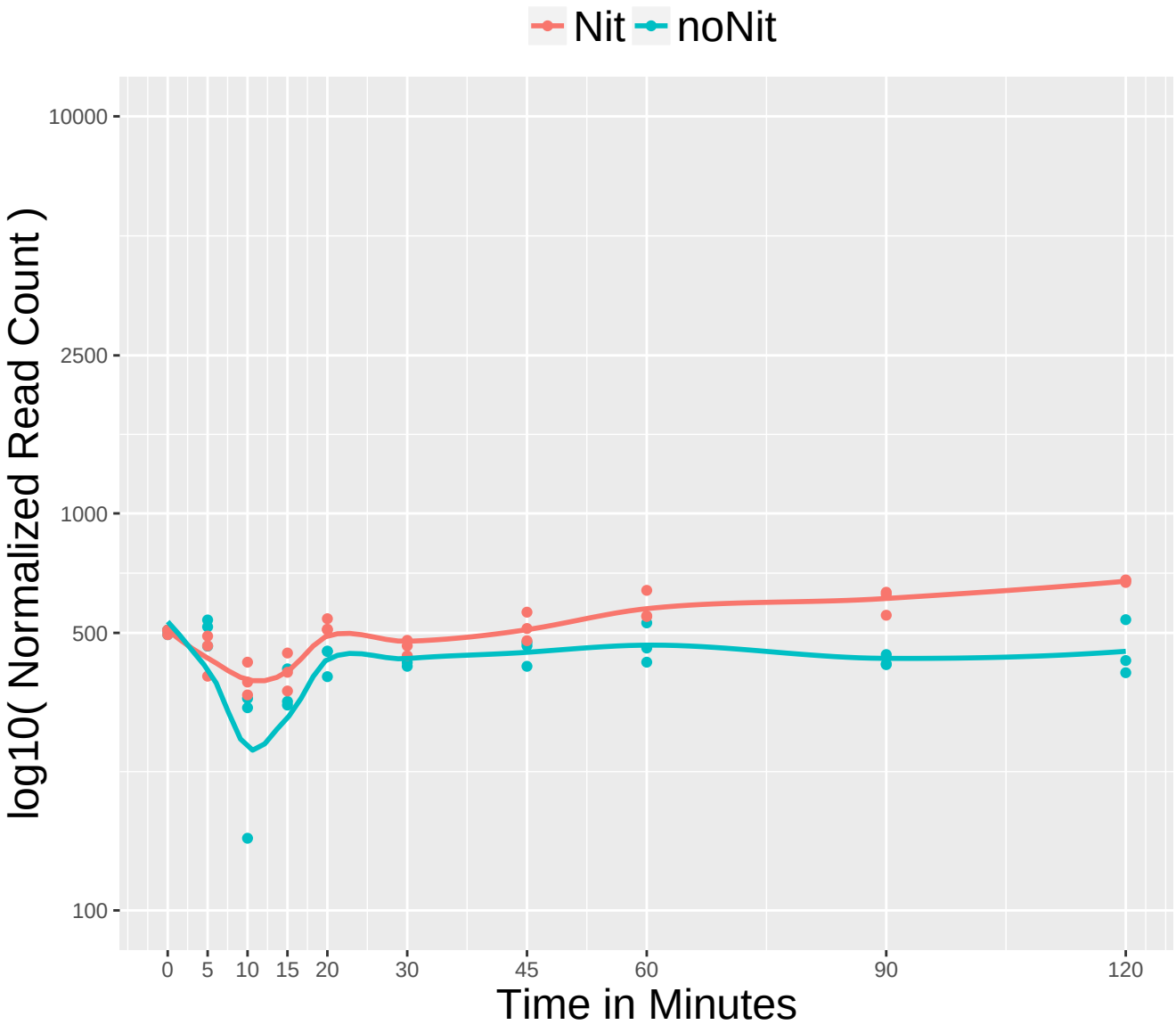
AT1G68940

Armadillo/beta−catenin−like



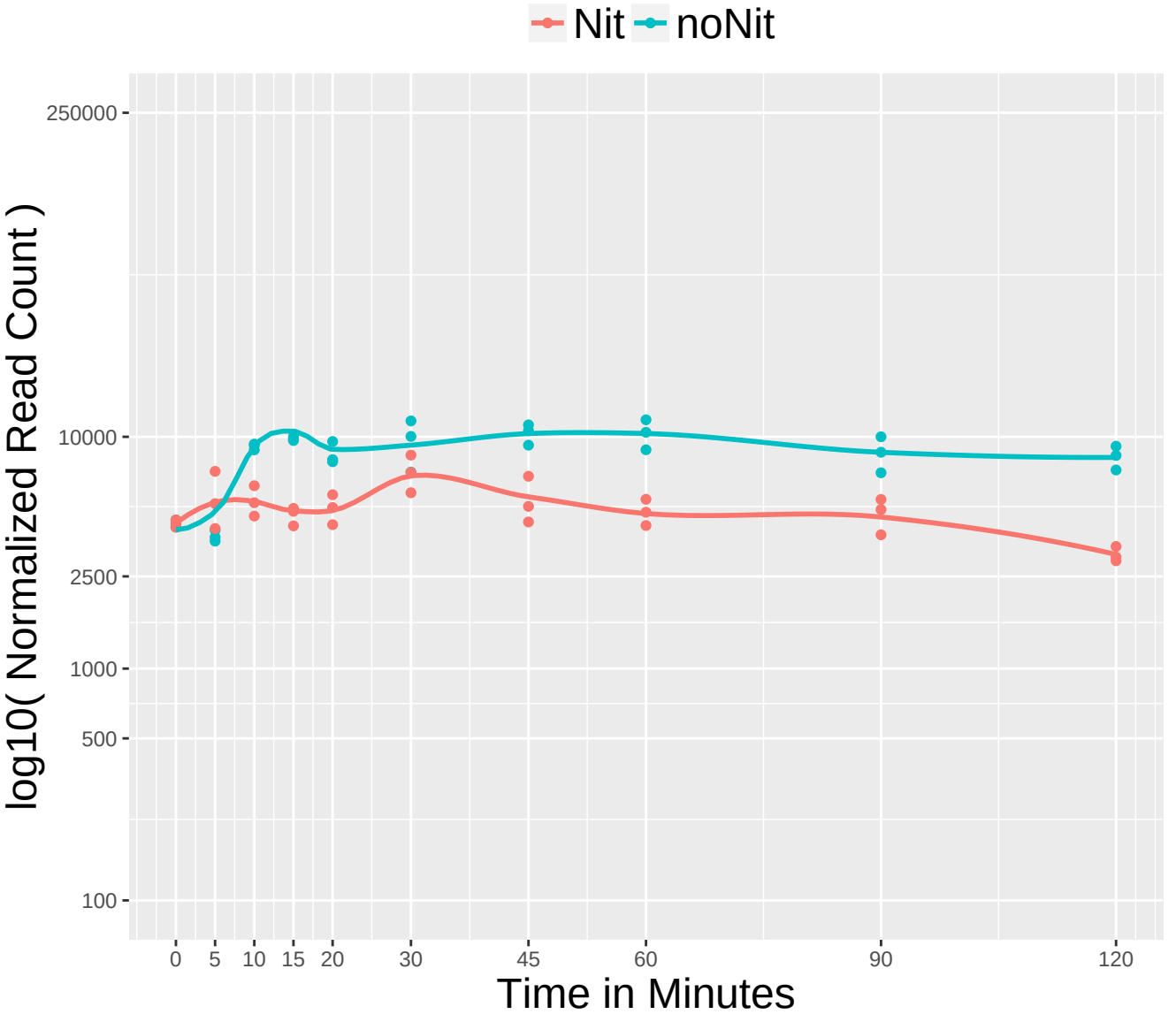
AT2G19490

RECA2,A.



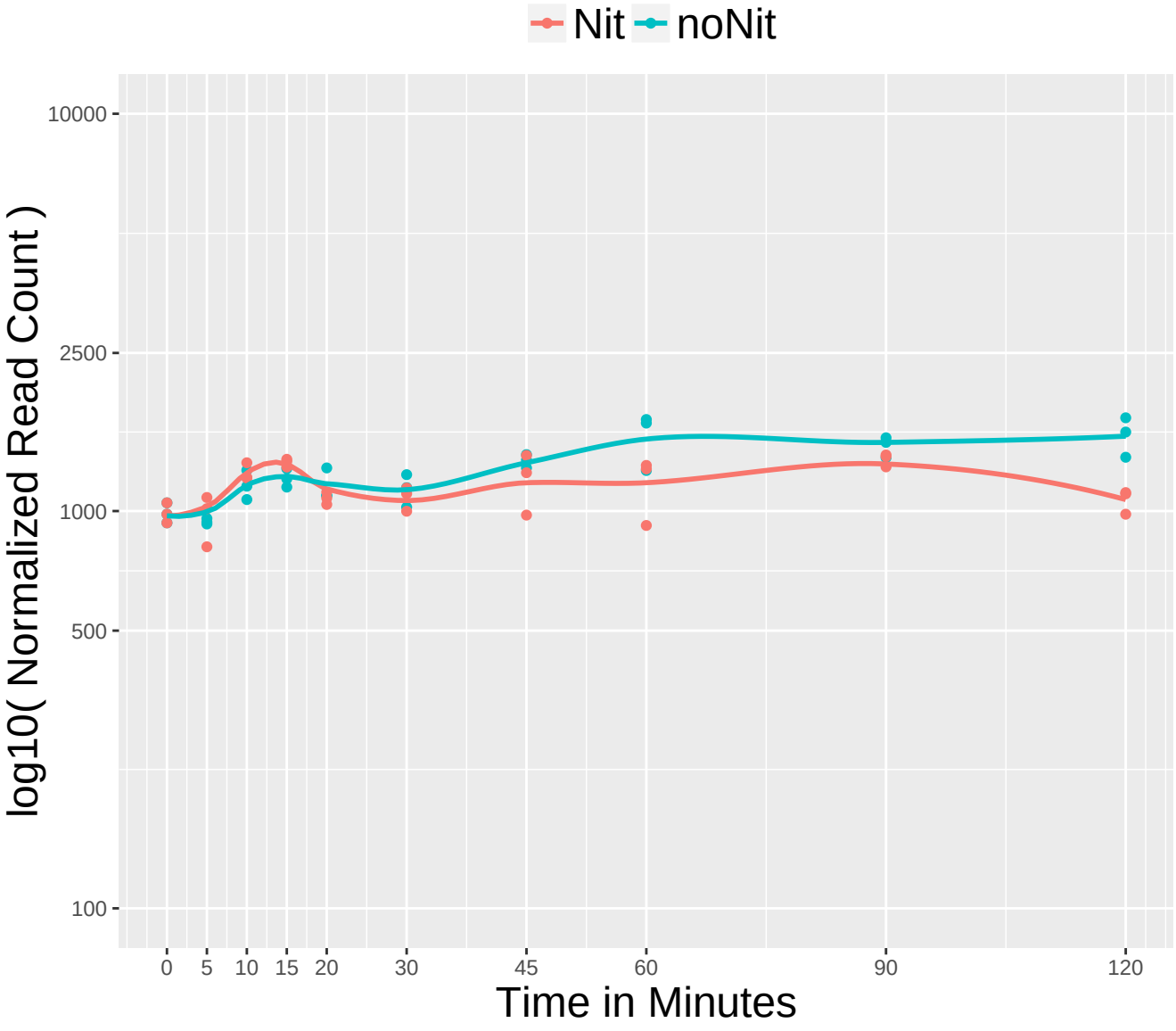
AT3G21240

4CL2,4−coumarate:CoA



AT3G21430

ALY3,ALWAYS



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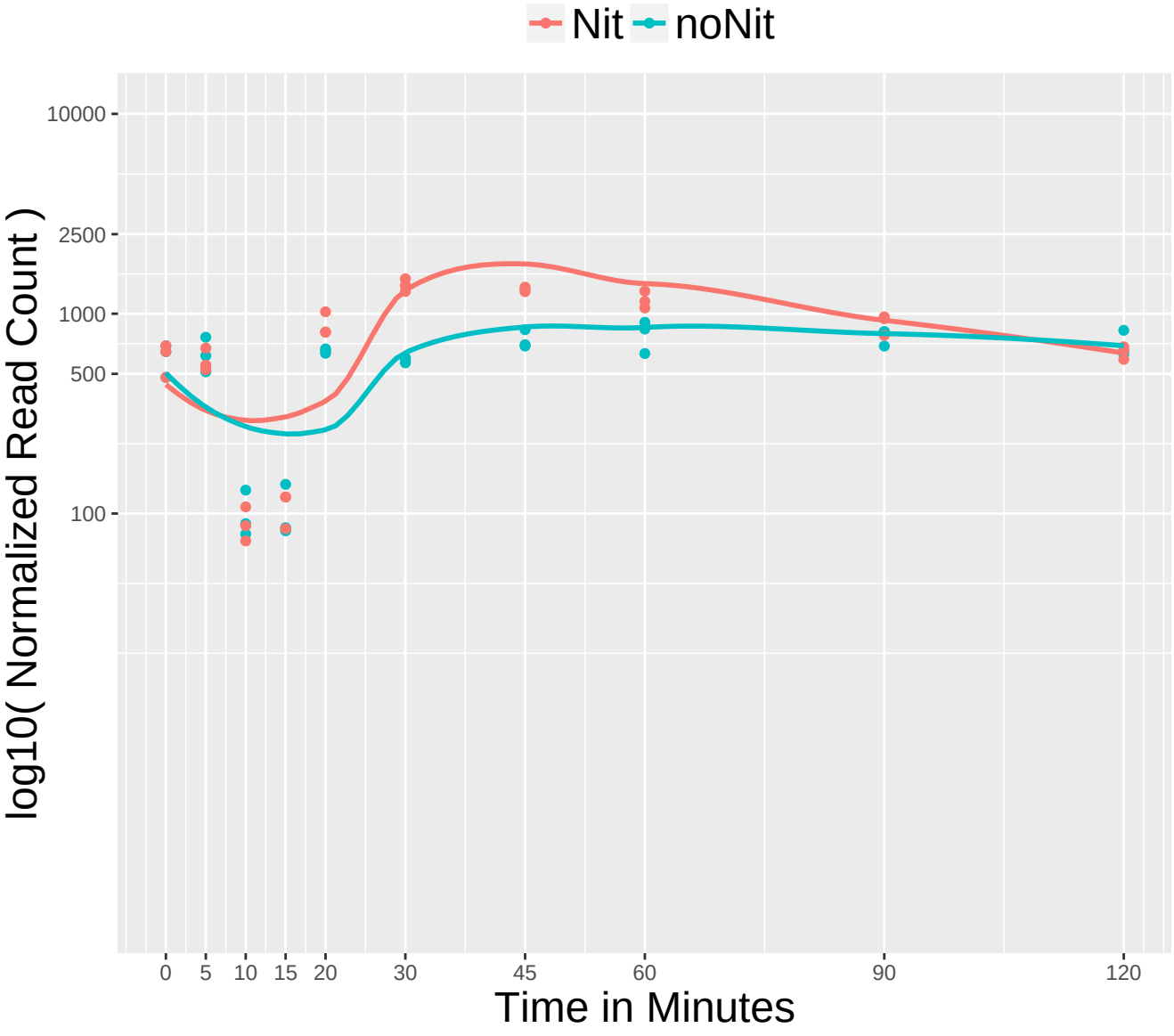
Haloacid



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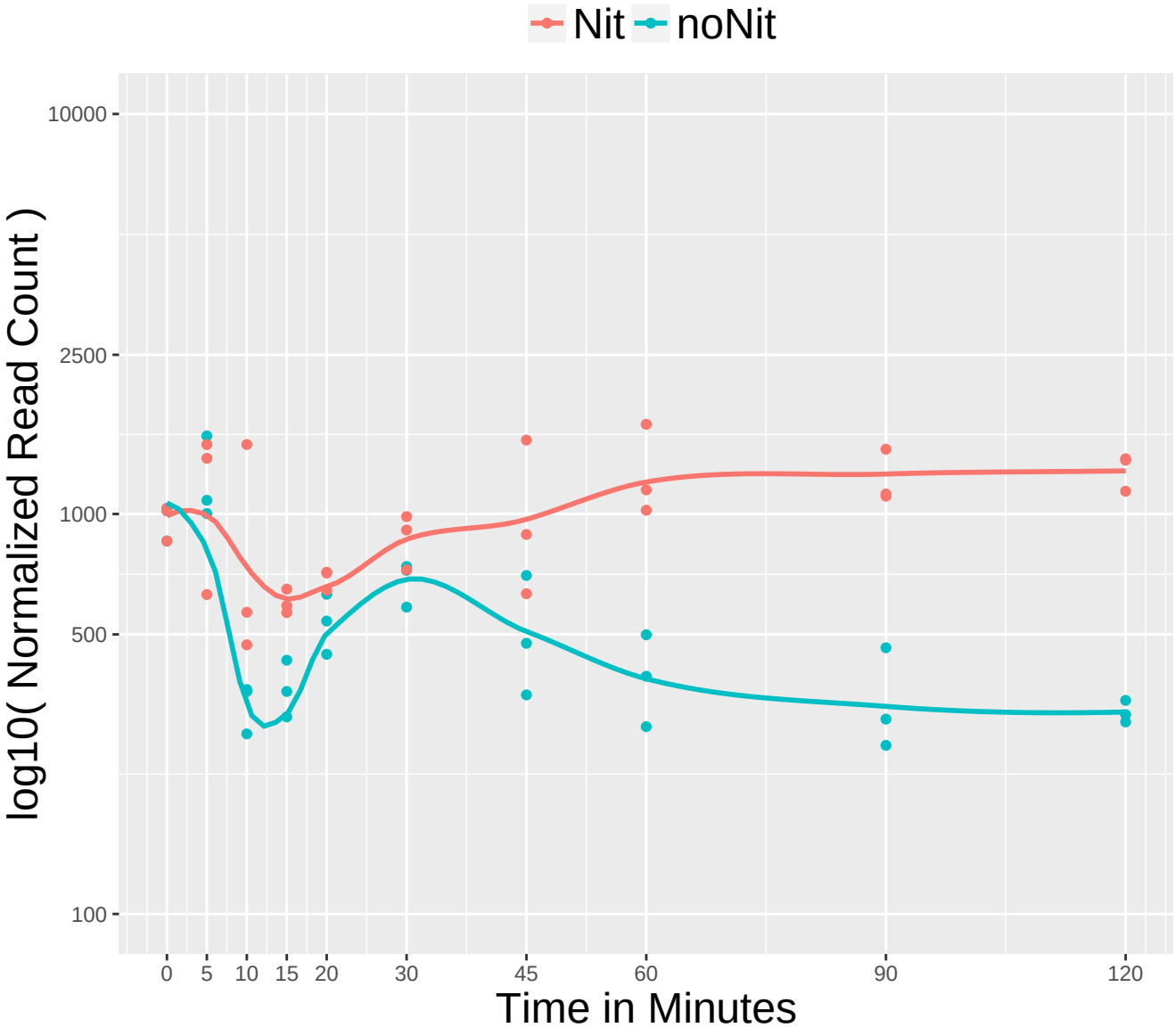
Putative



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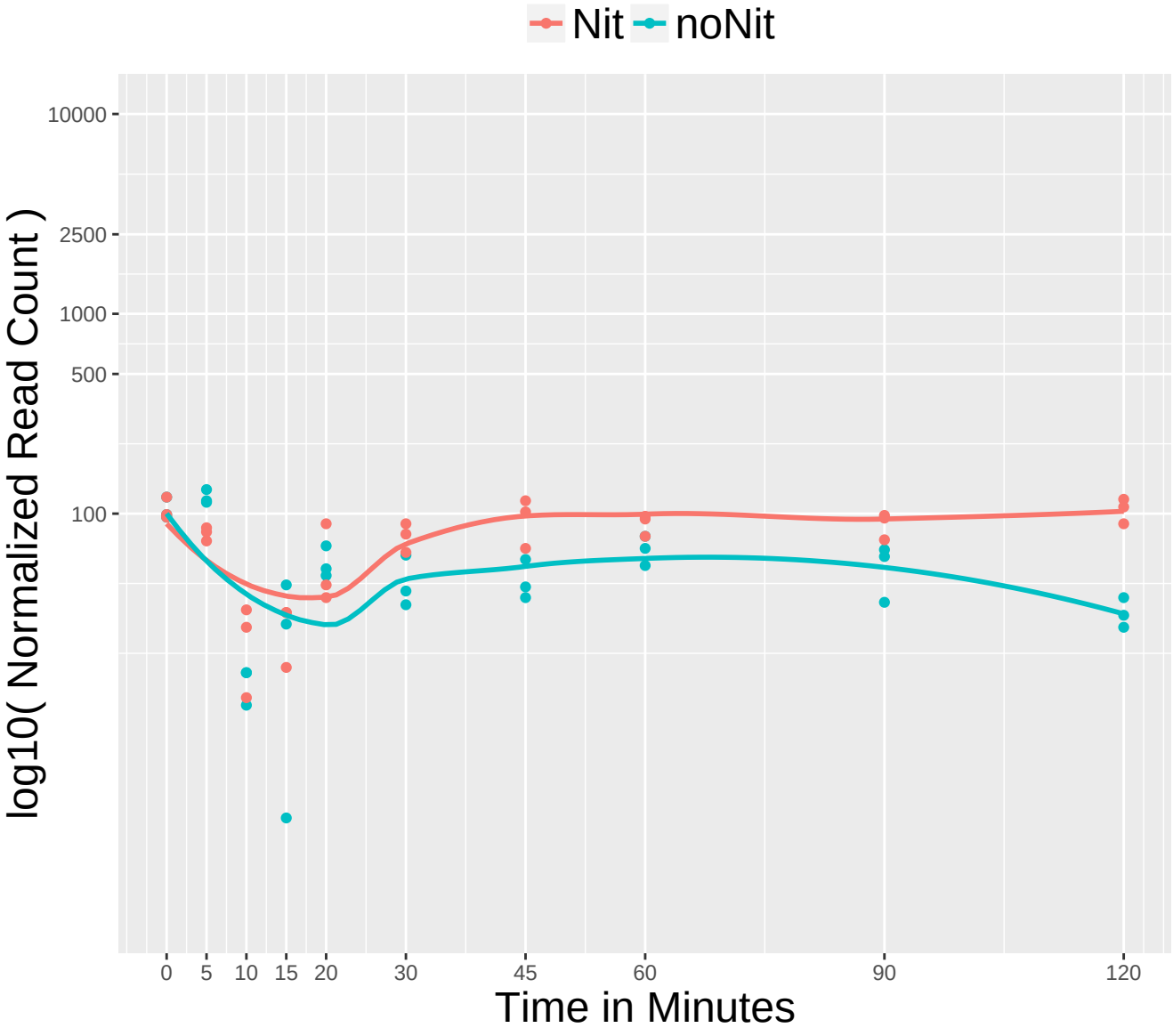
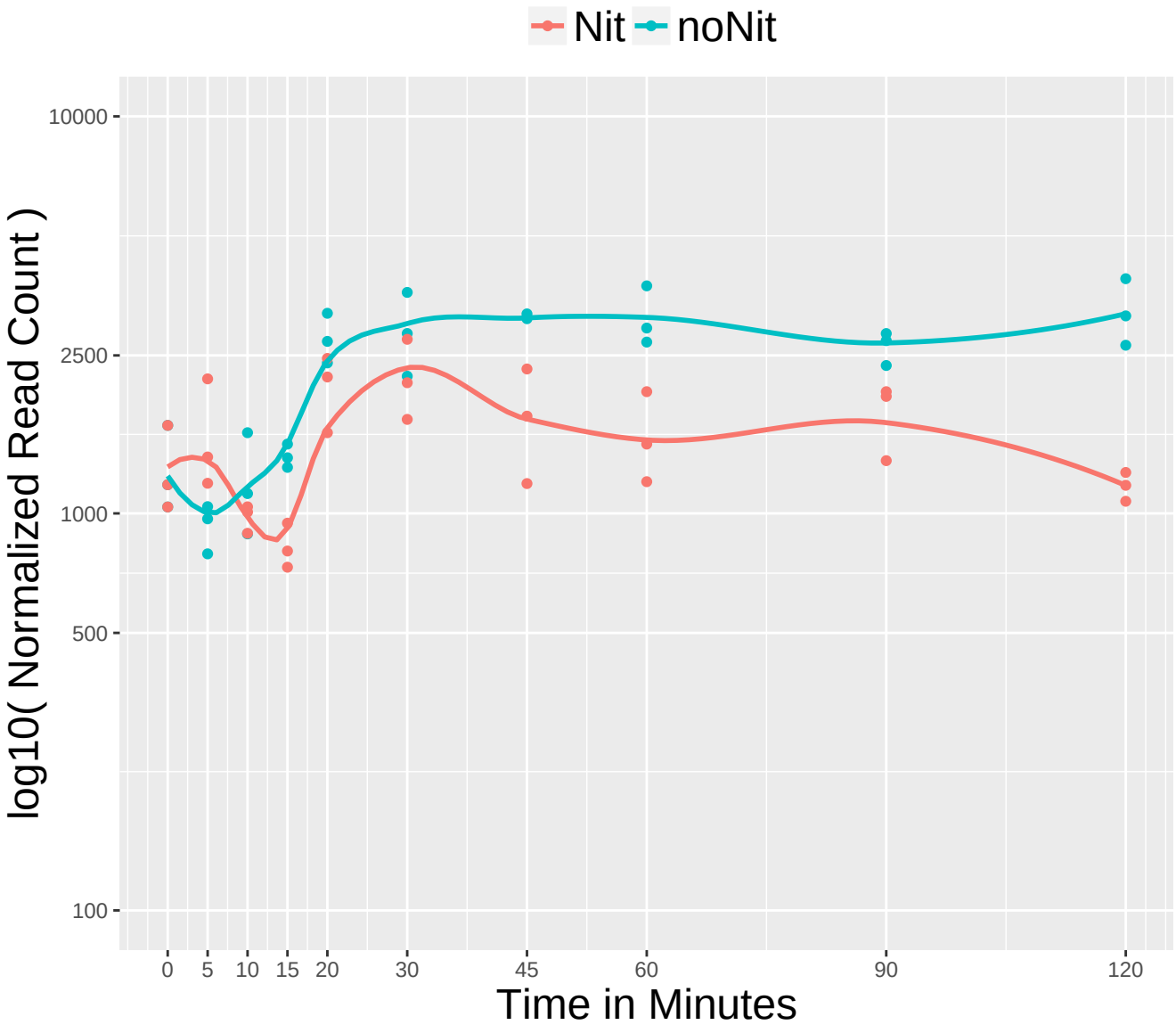
FBD



AT4G00900

ATECA2,ARABIDOPSIS



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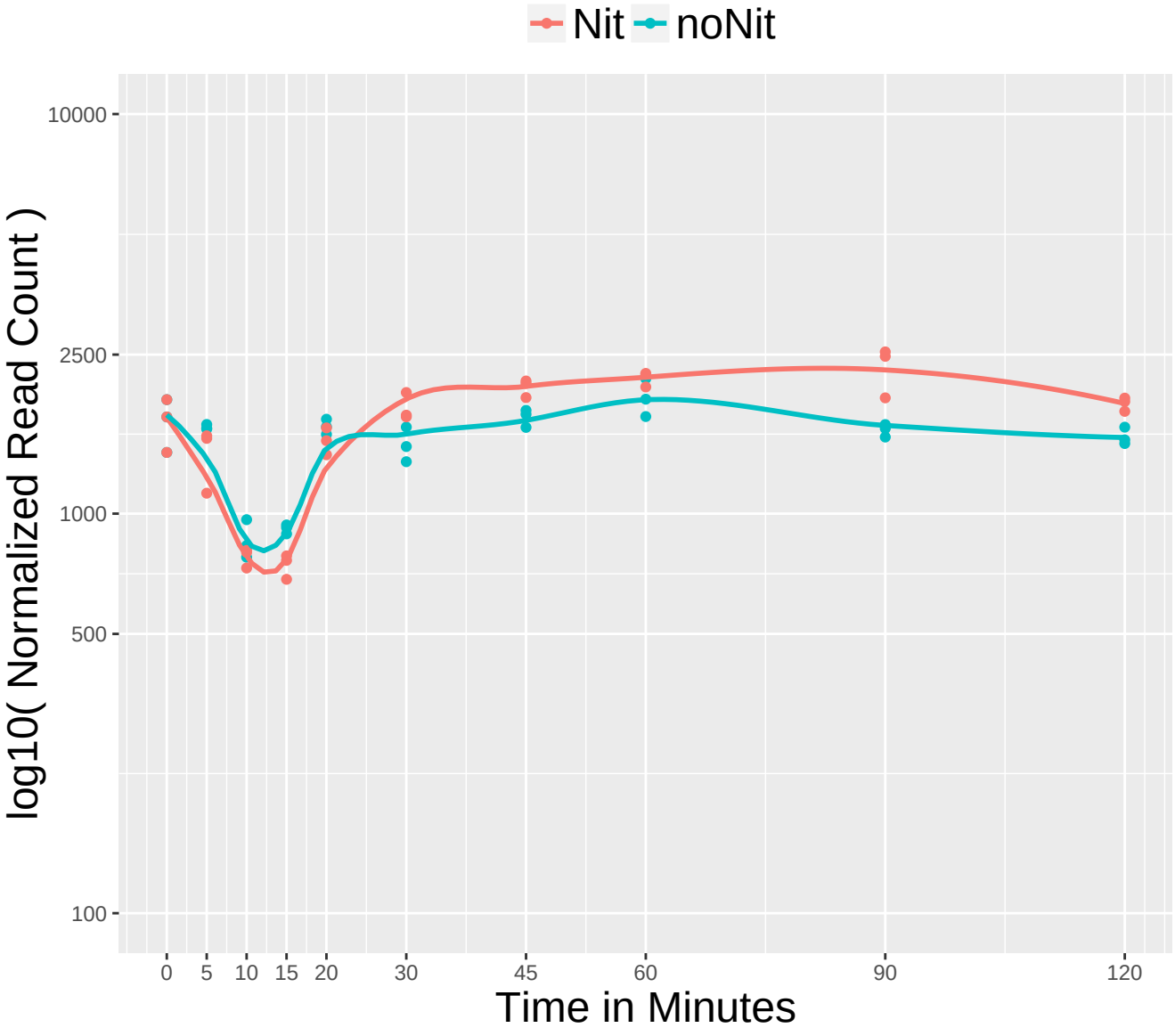

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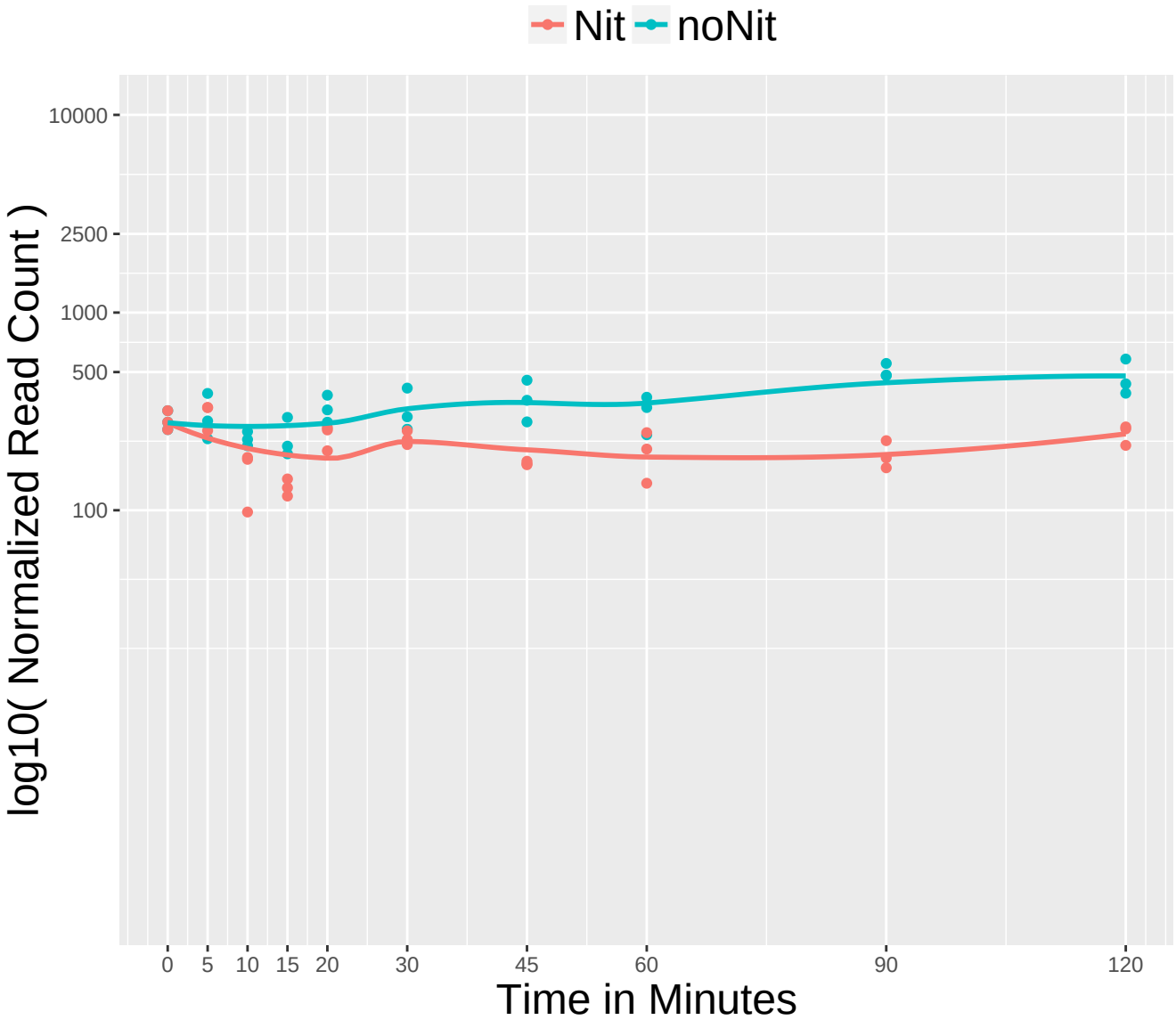
AtMYB18,myb



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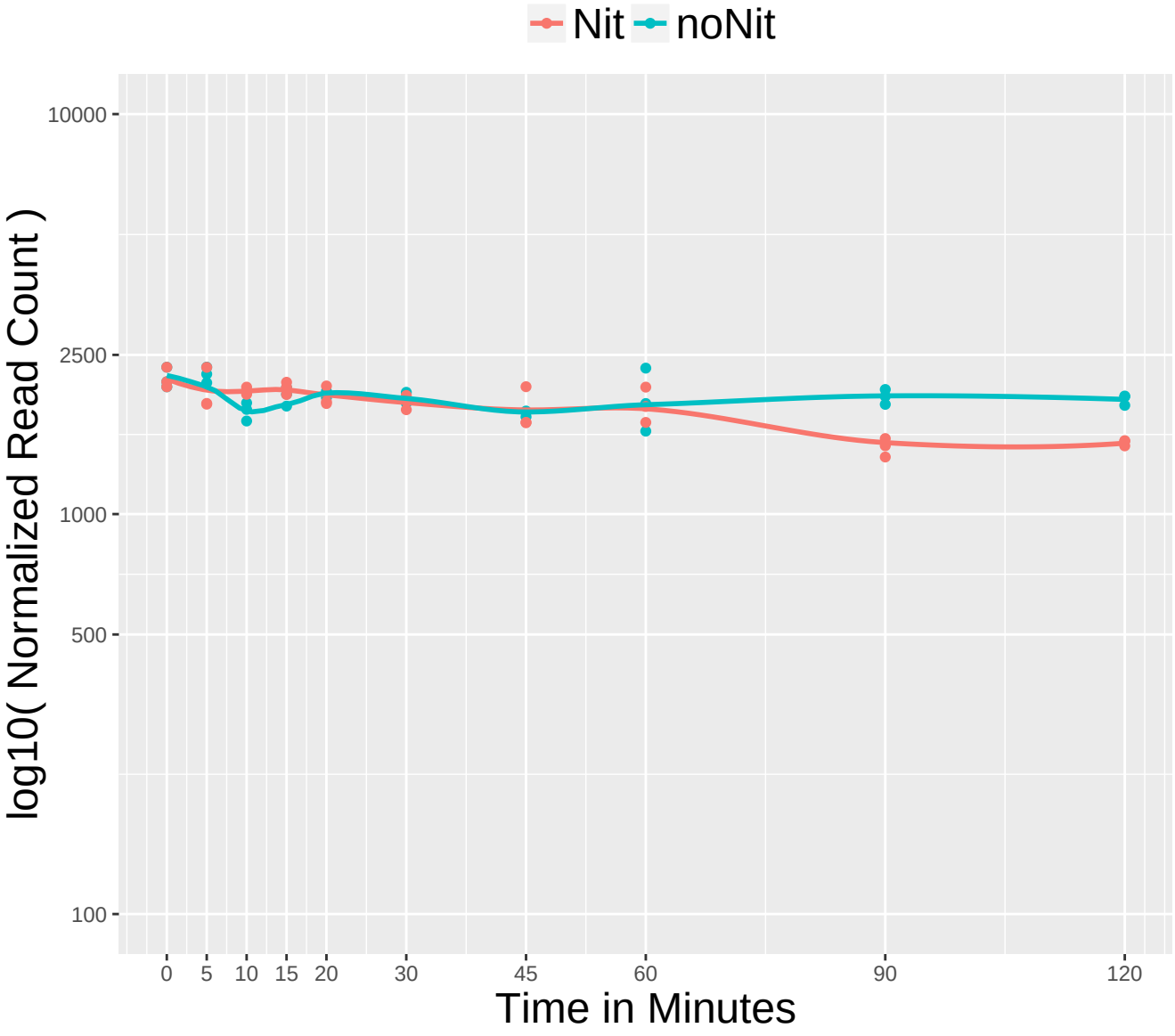

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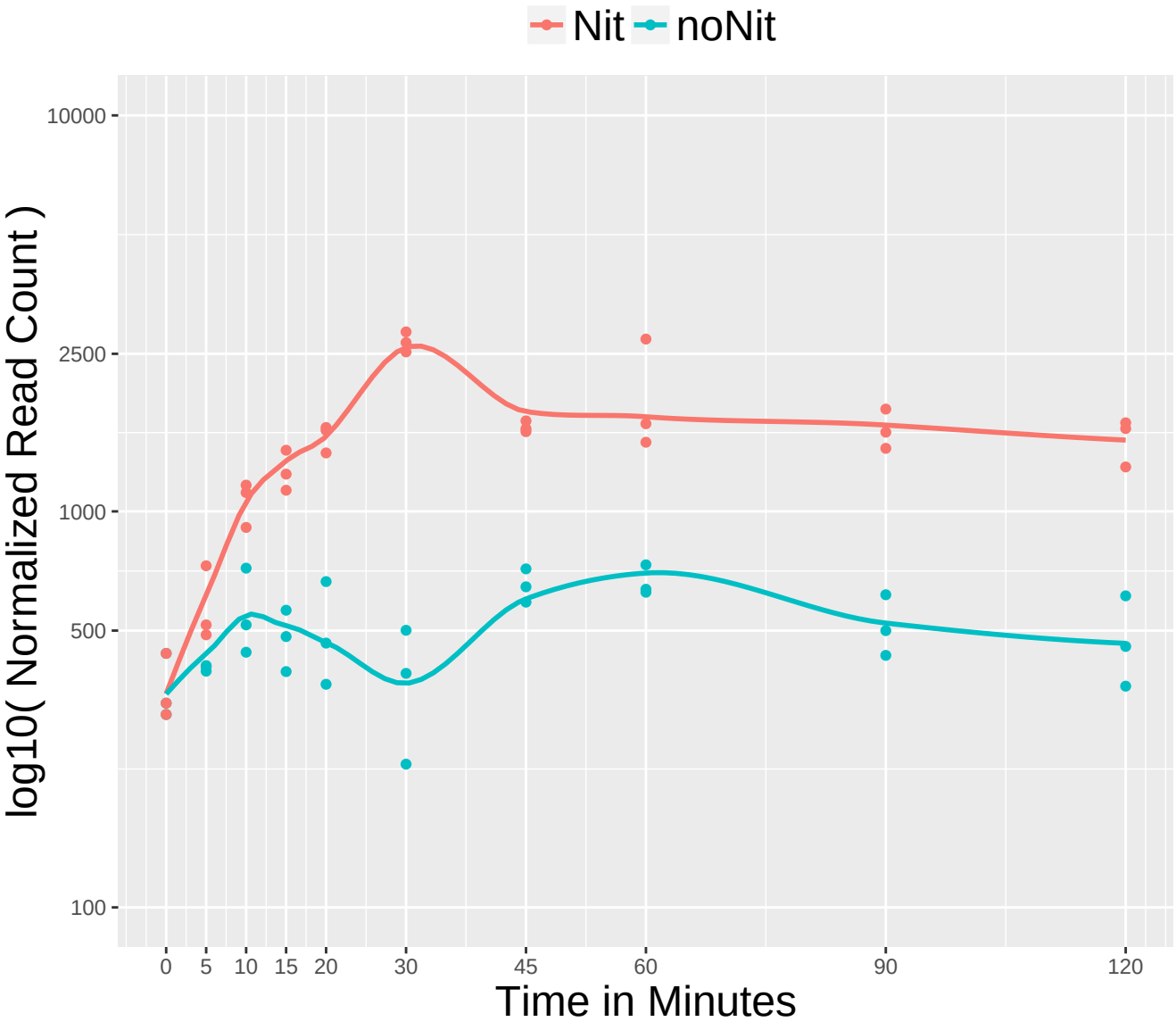
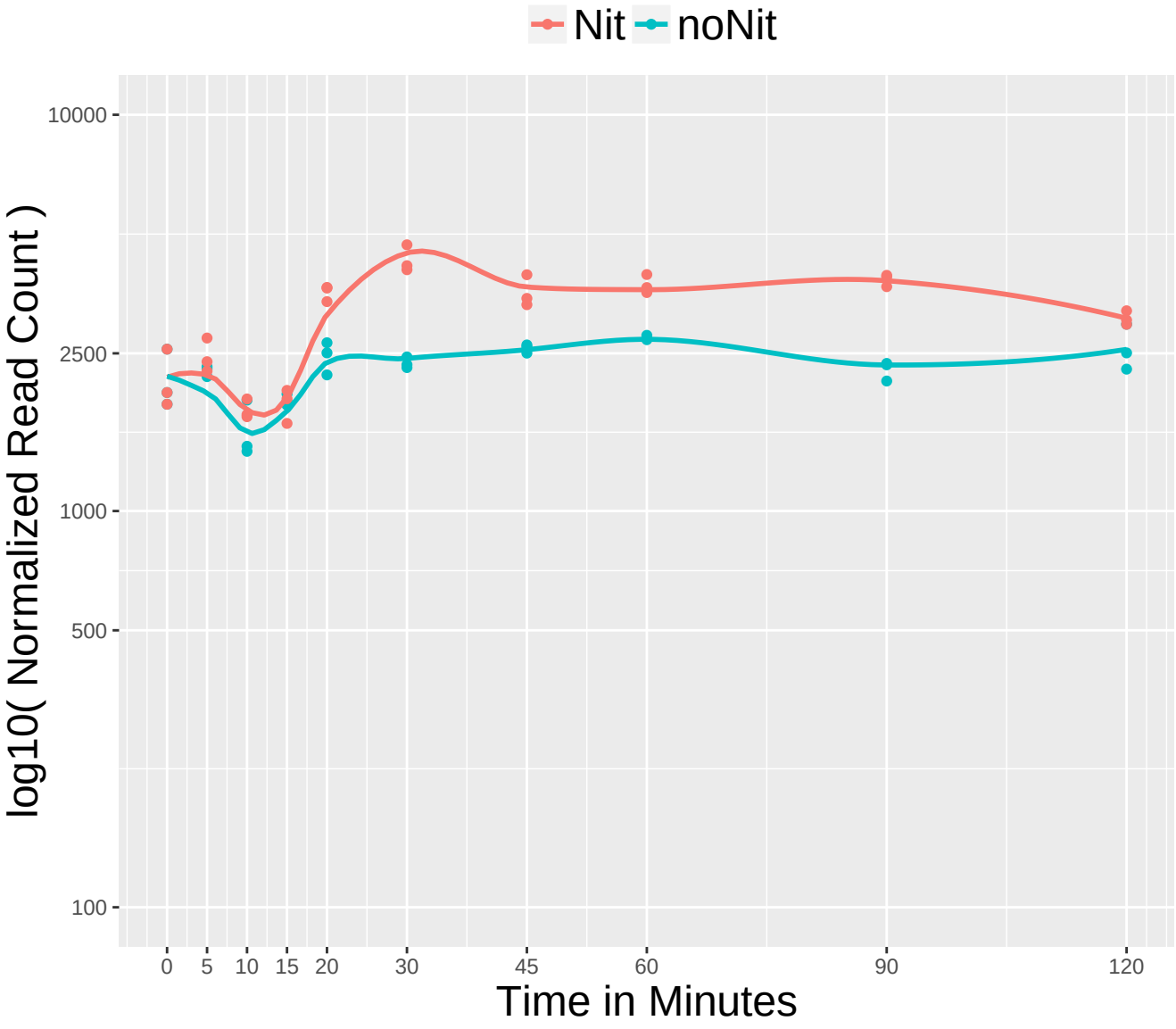
Integrase−type



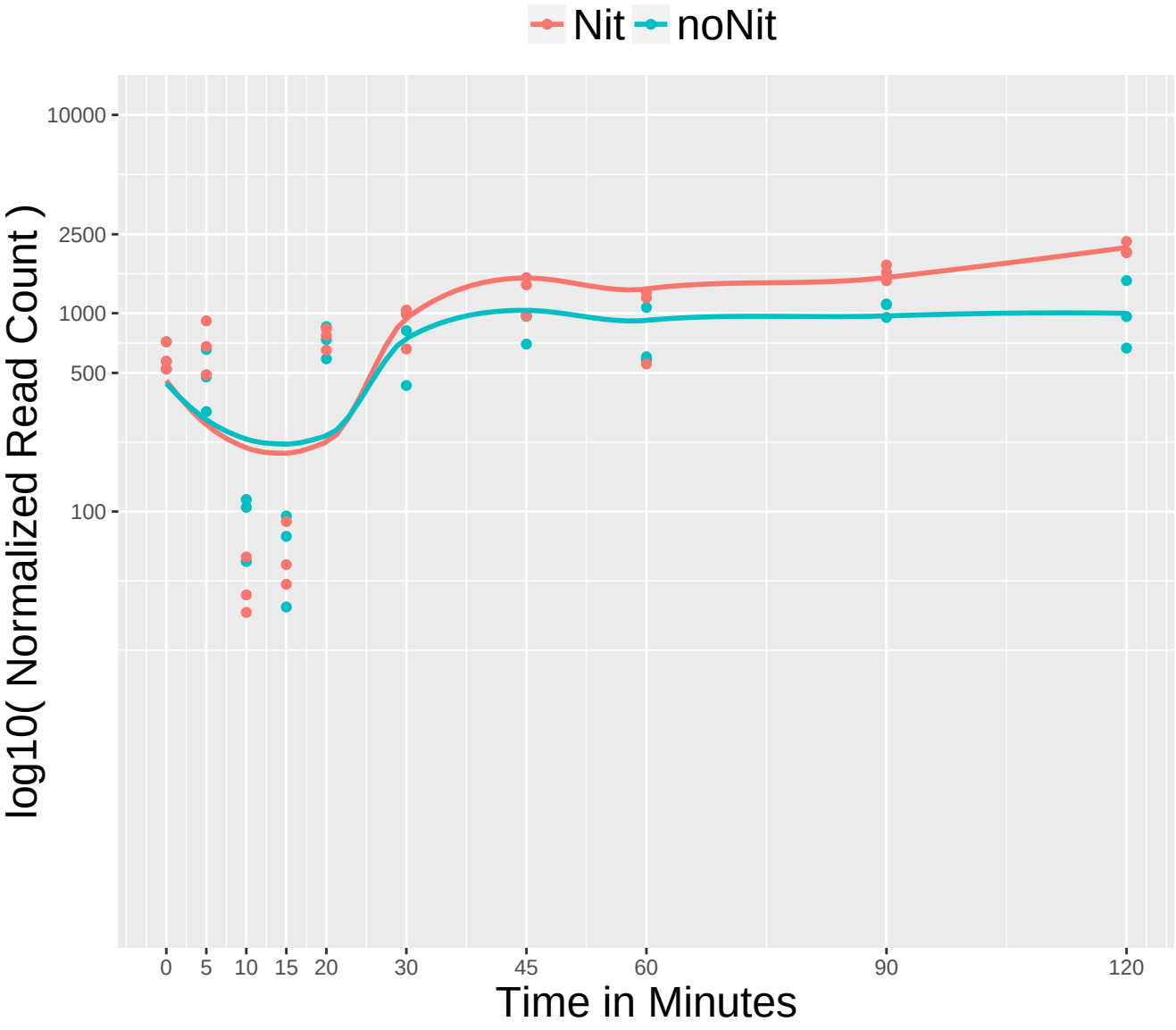
AT5G05140

Transcription



AT5G41300

Receptor−like



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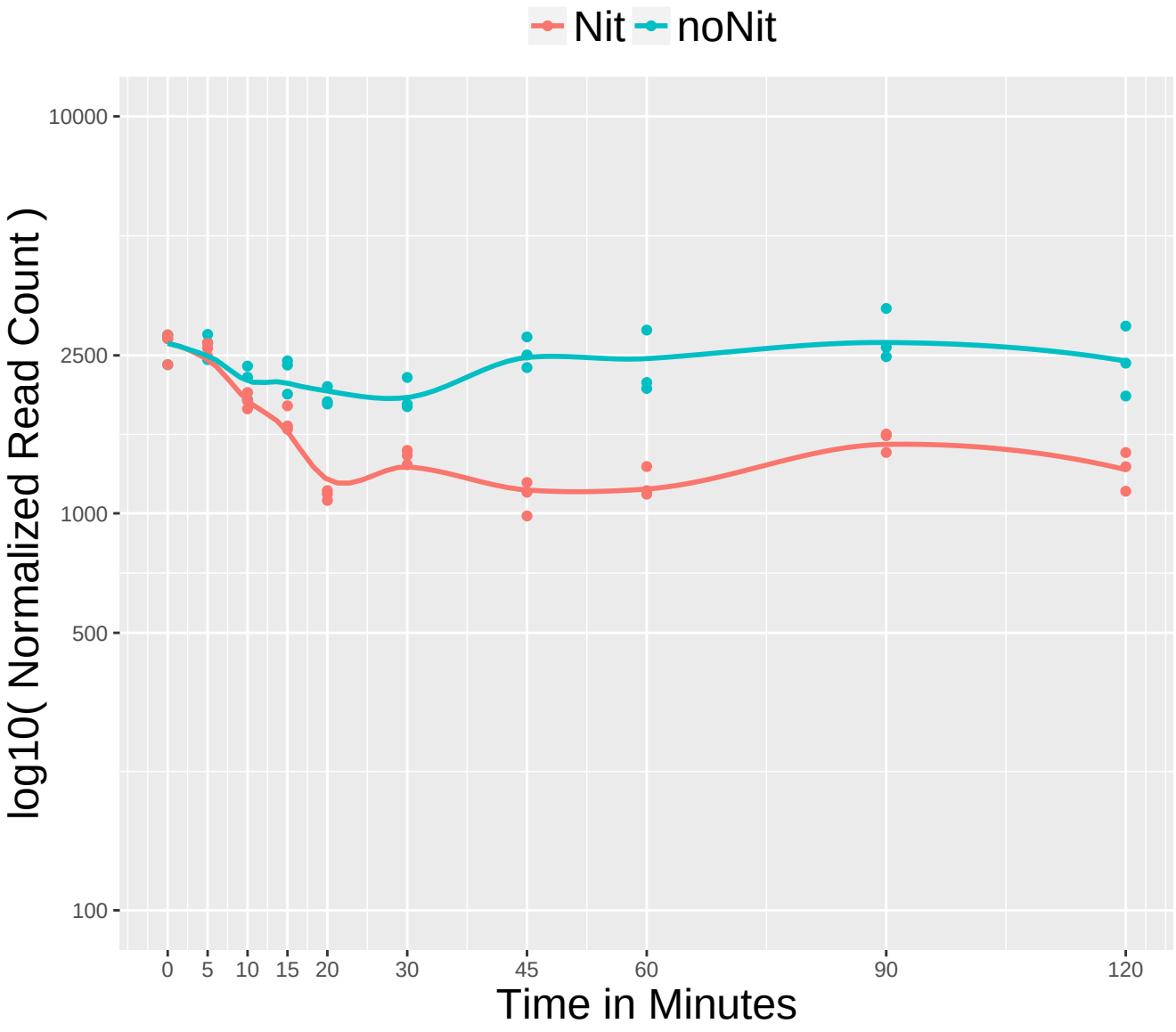
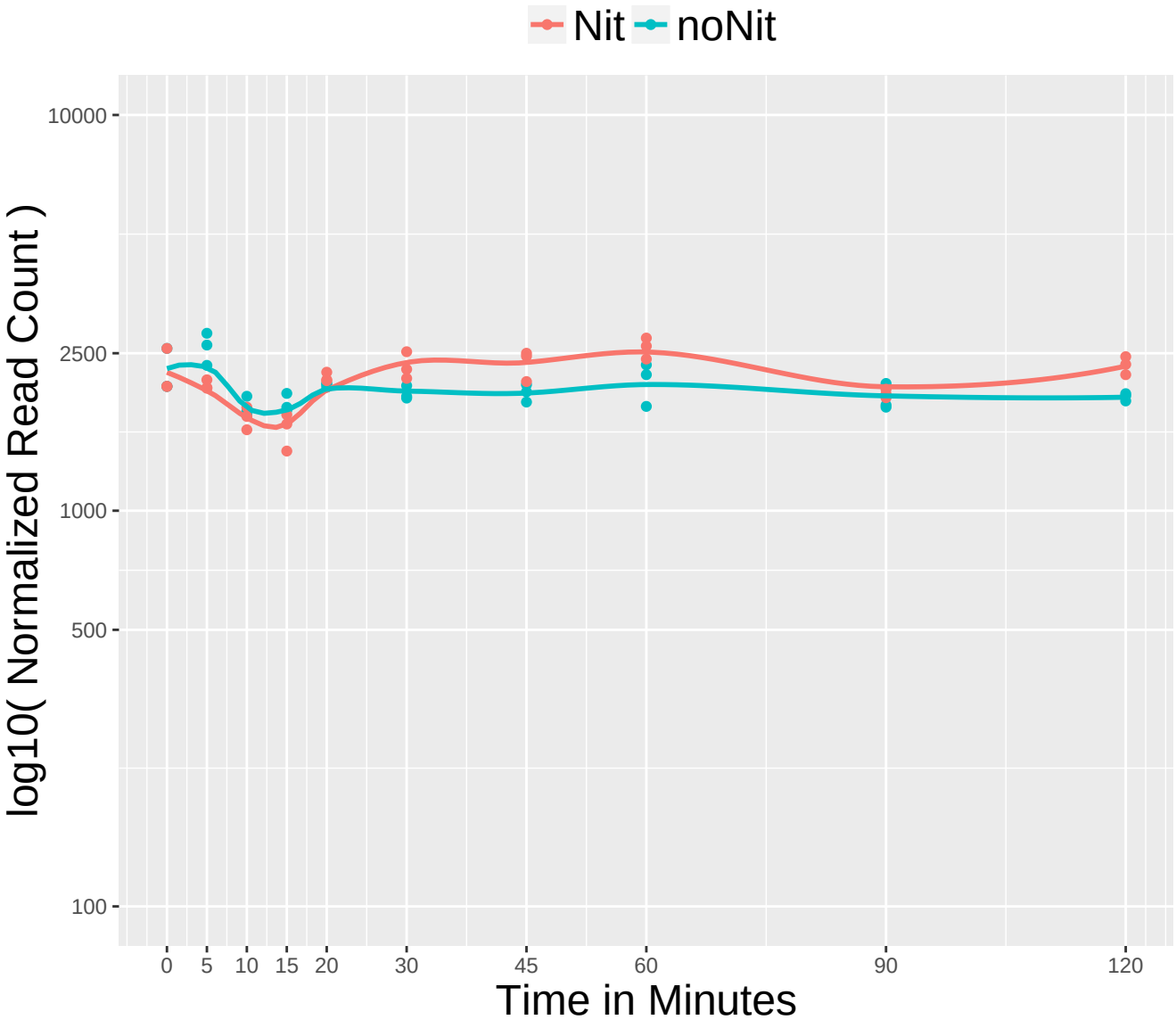
ATERF−5,ETHYLENE



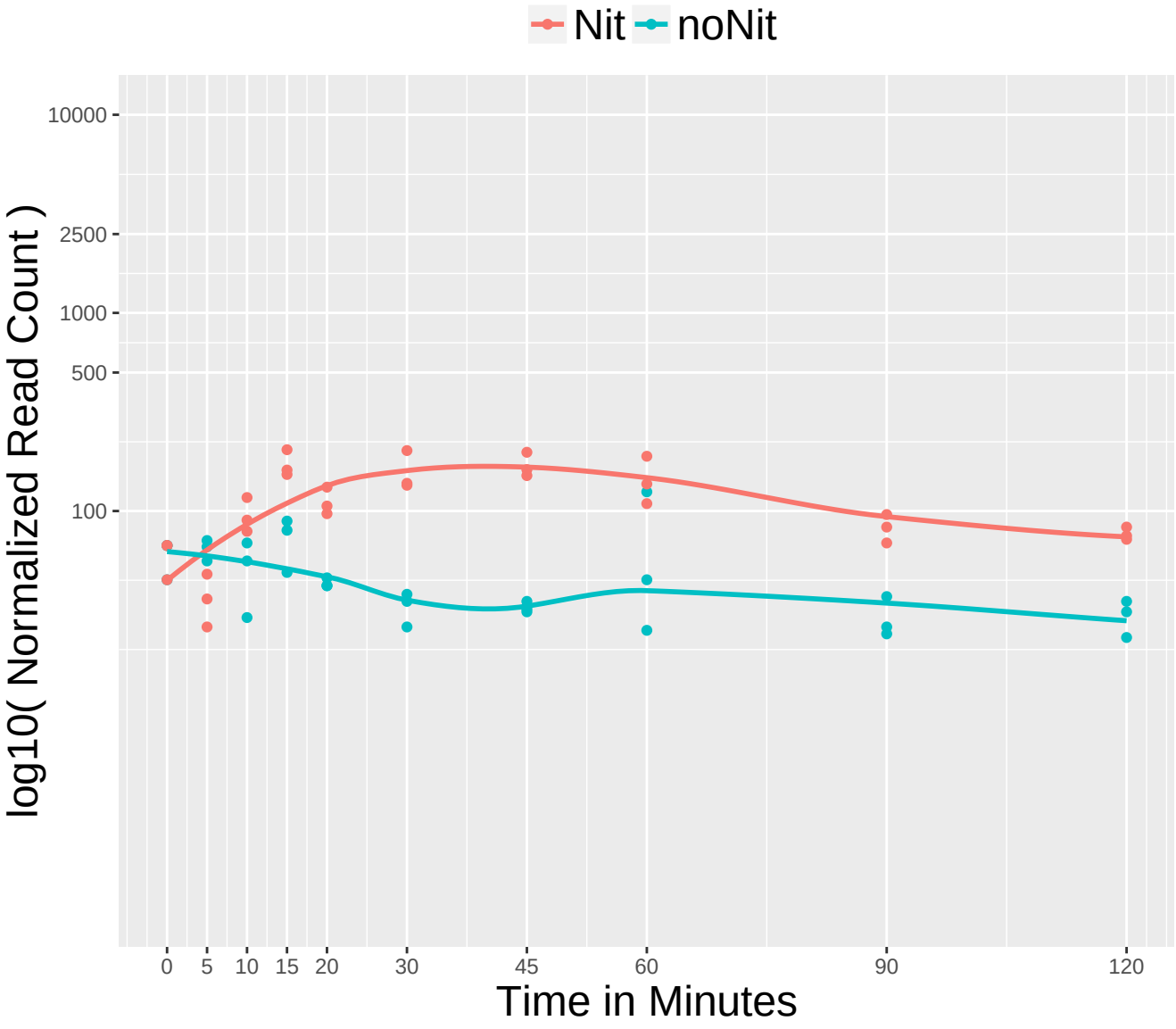
AT5G58730

Mik,myo−inositol



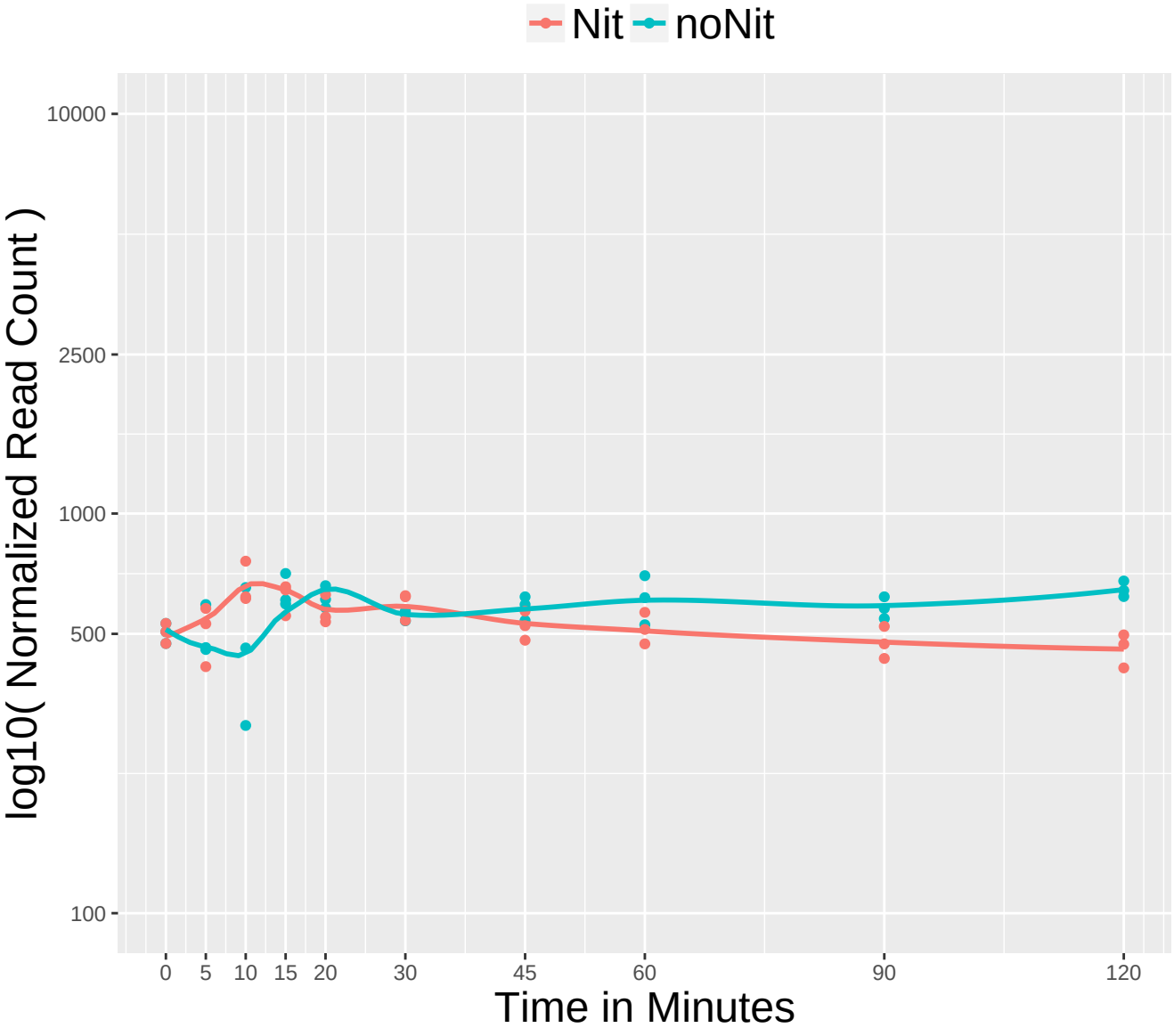
AT5G66520

Tetratricopeptide



AT1G04990

Zinc



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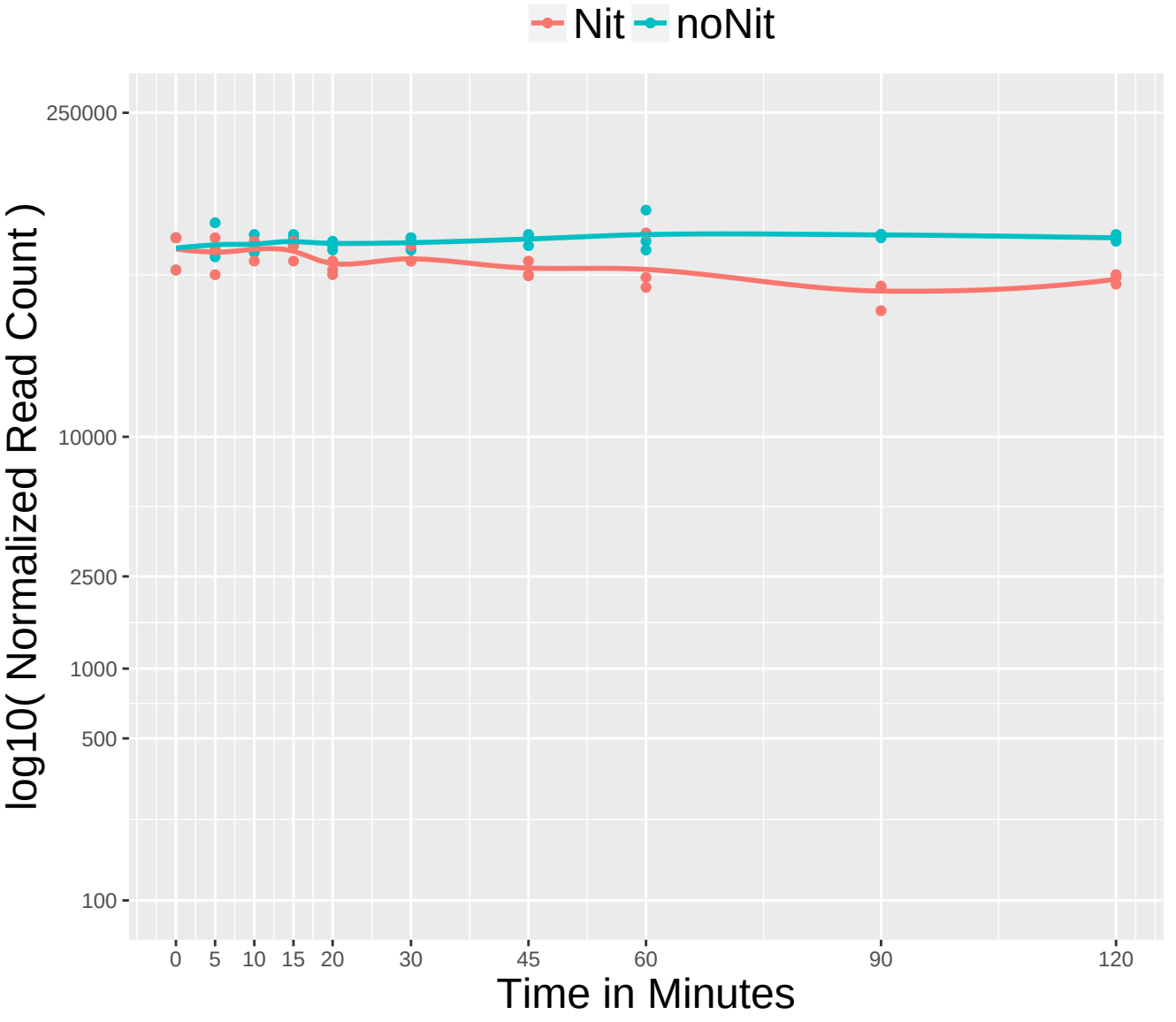
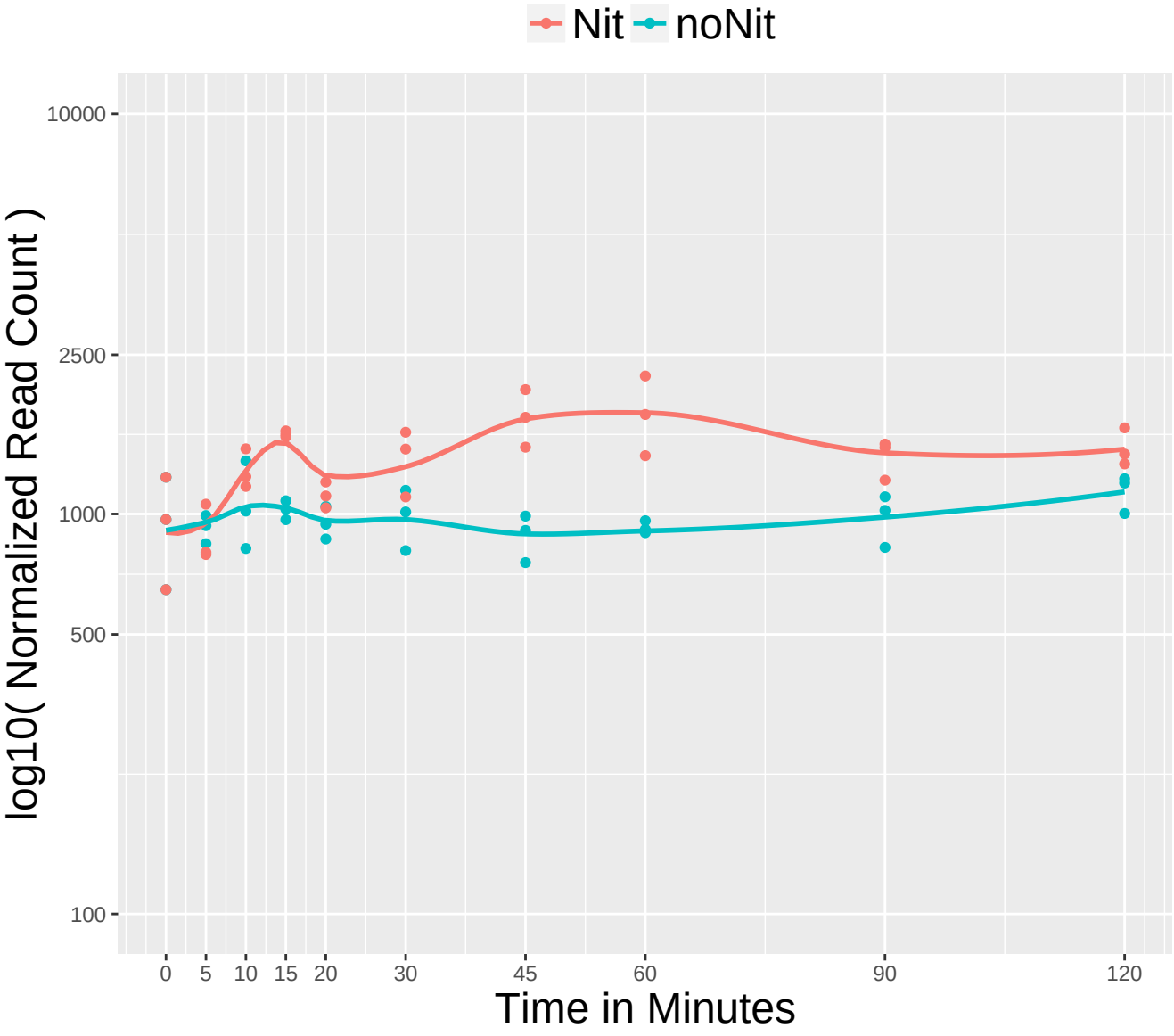
APX1,ascorbate



AT1G50110

D−aminoacid



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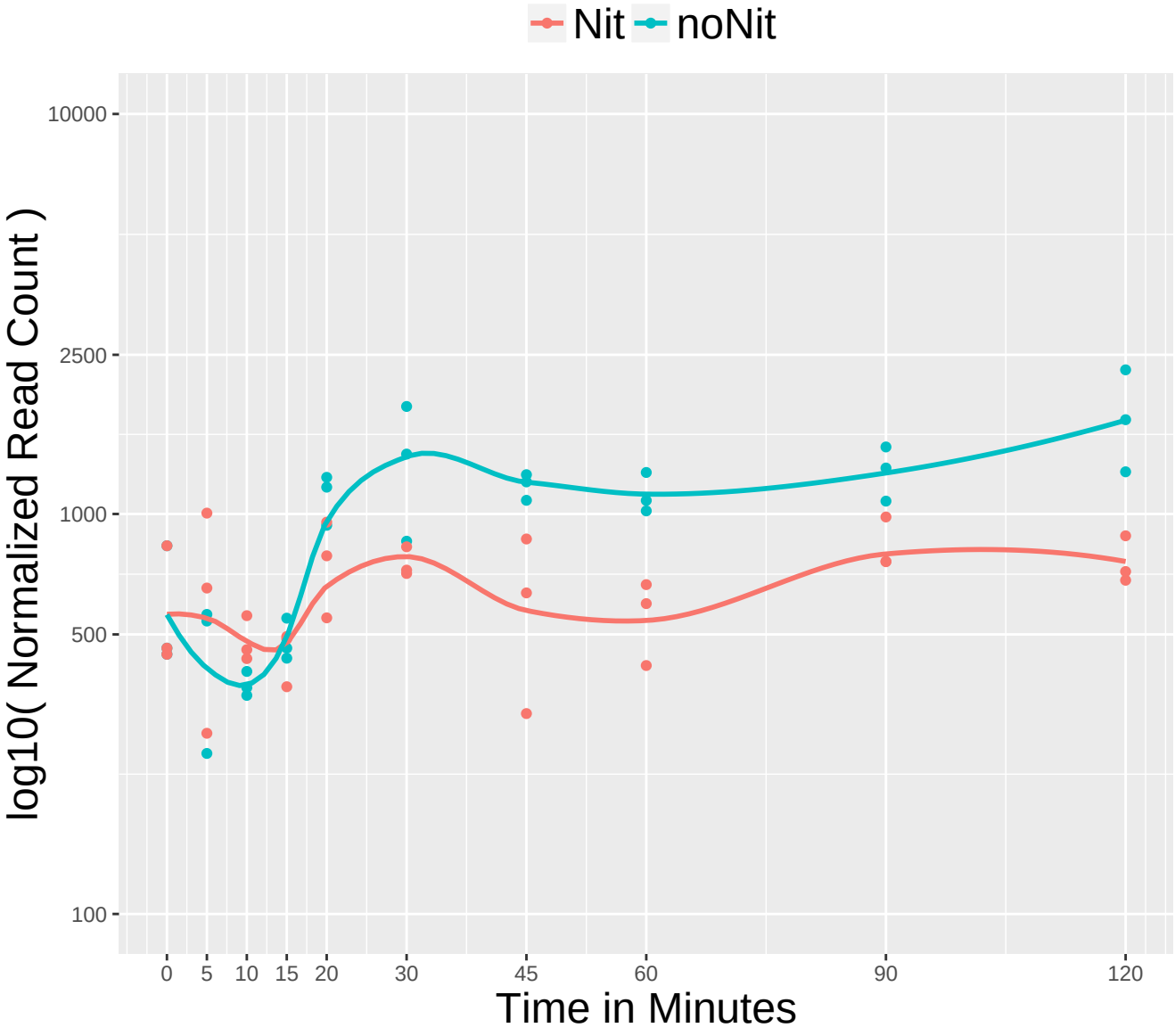
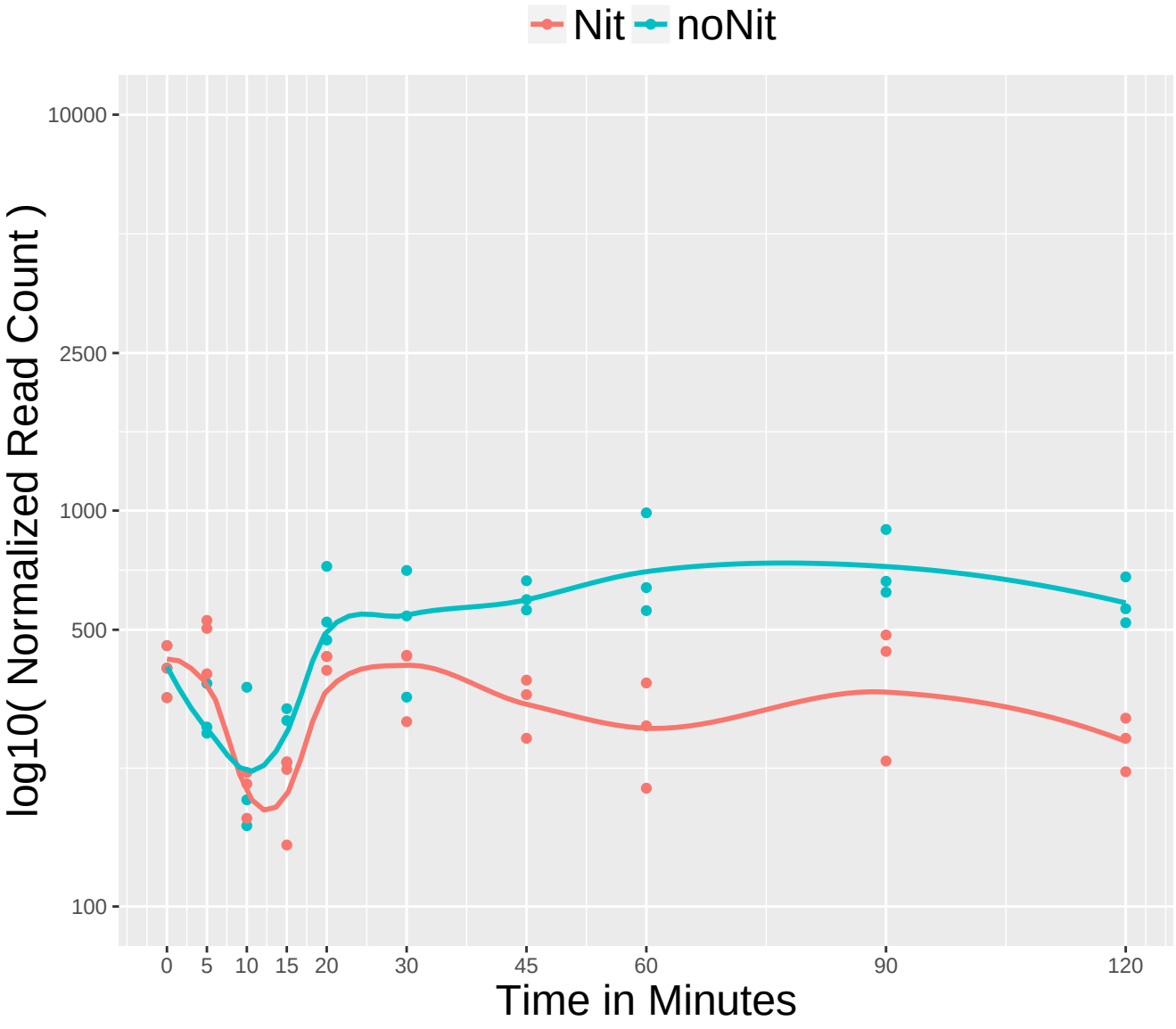
Leucine−rich



AT1G61050

alpha



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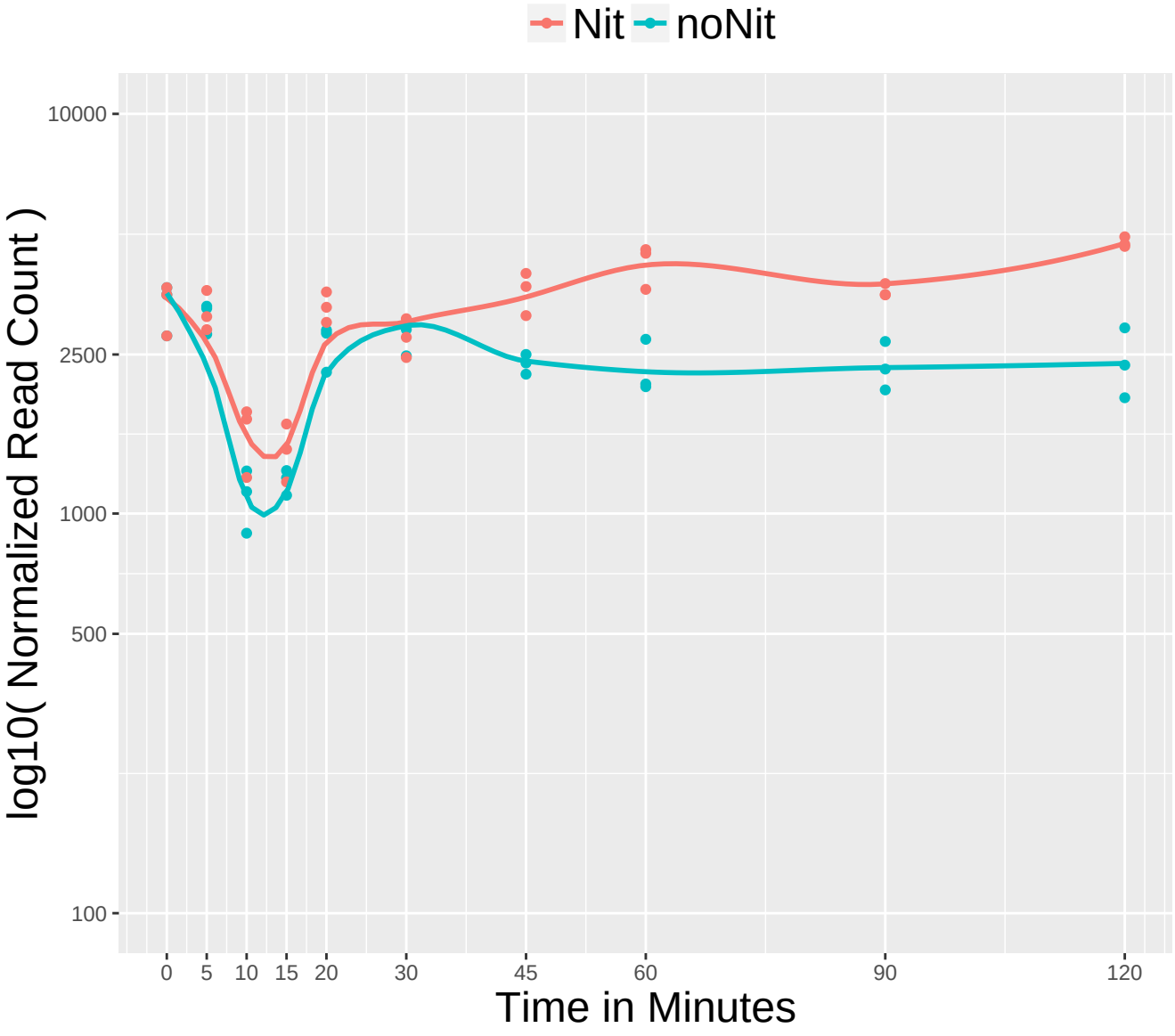
Ribosomal



AT2G14247

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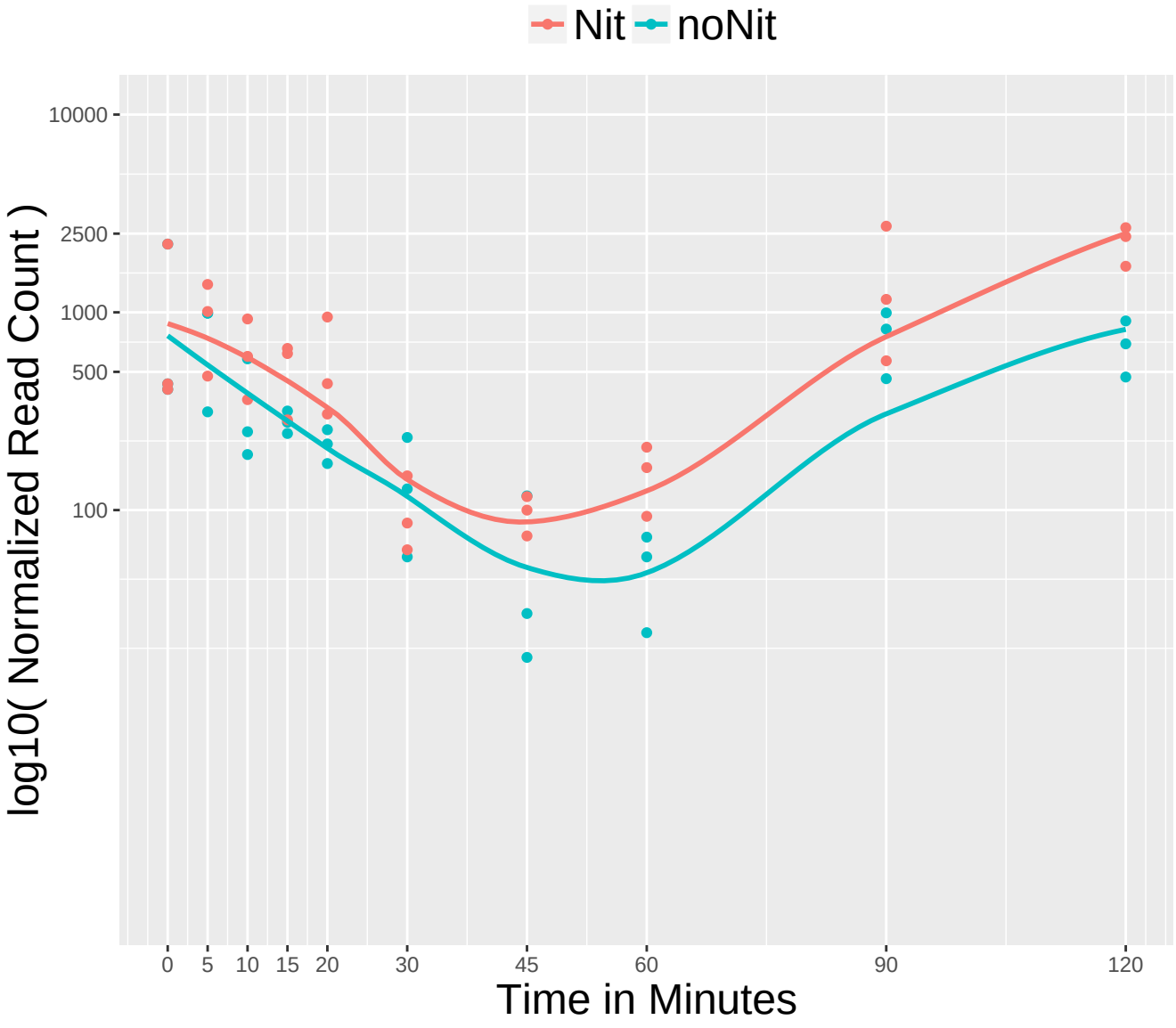
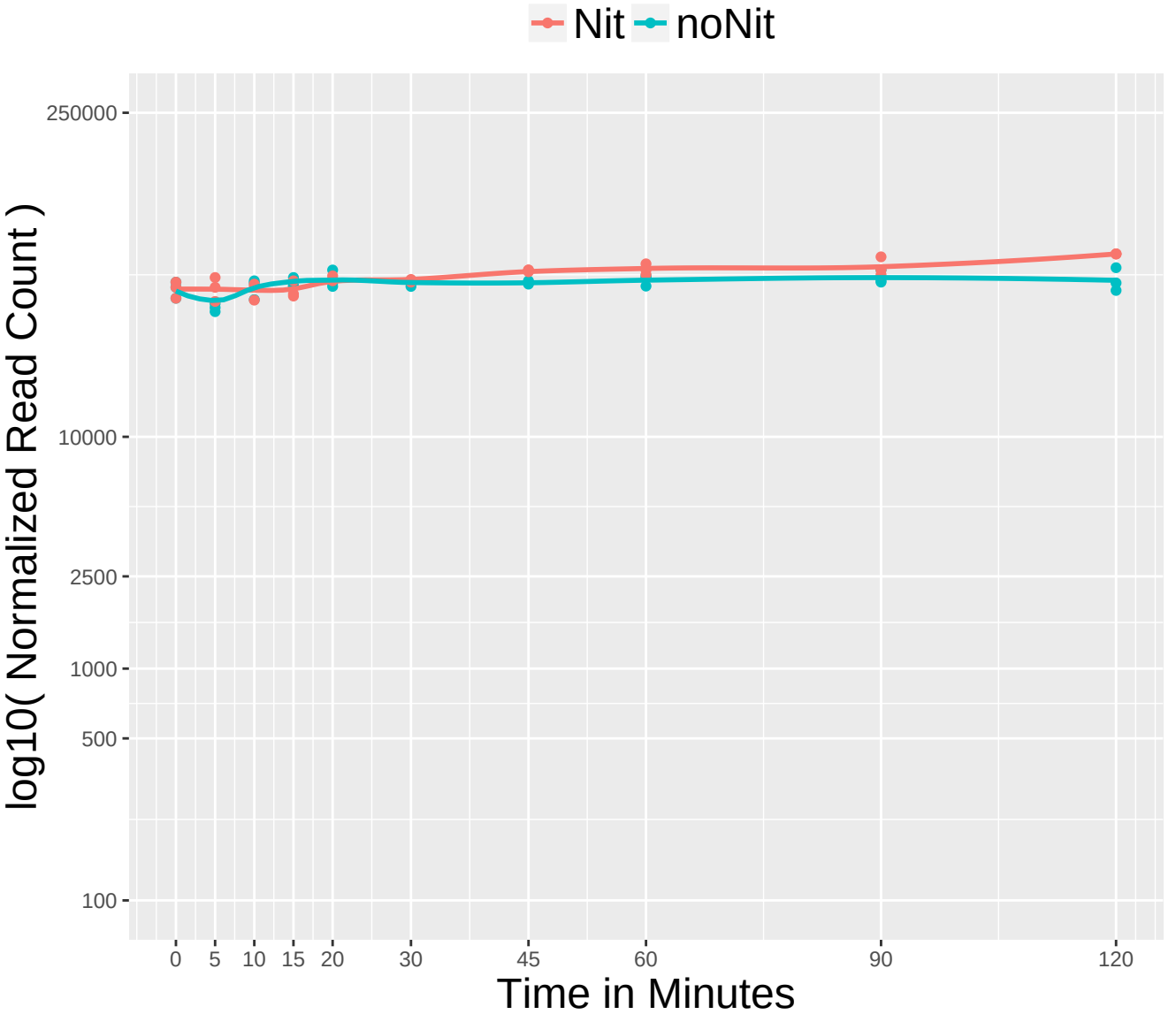


AT2G36530

ENO2,ENOLASE



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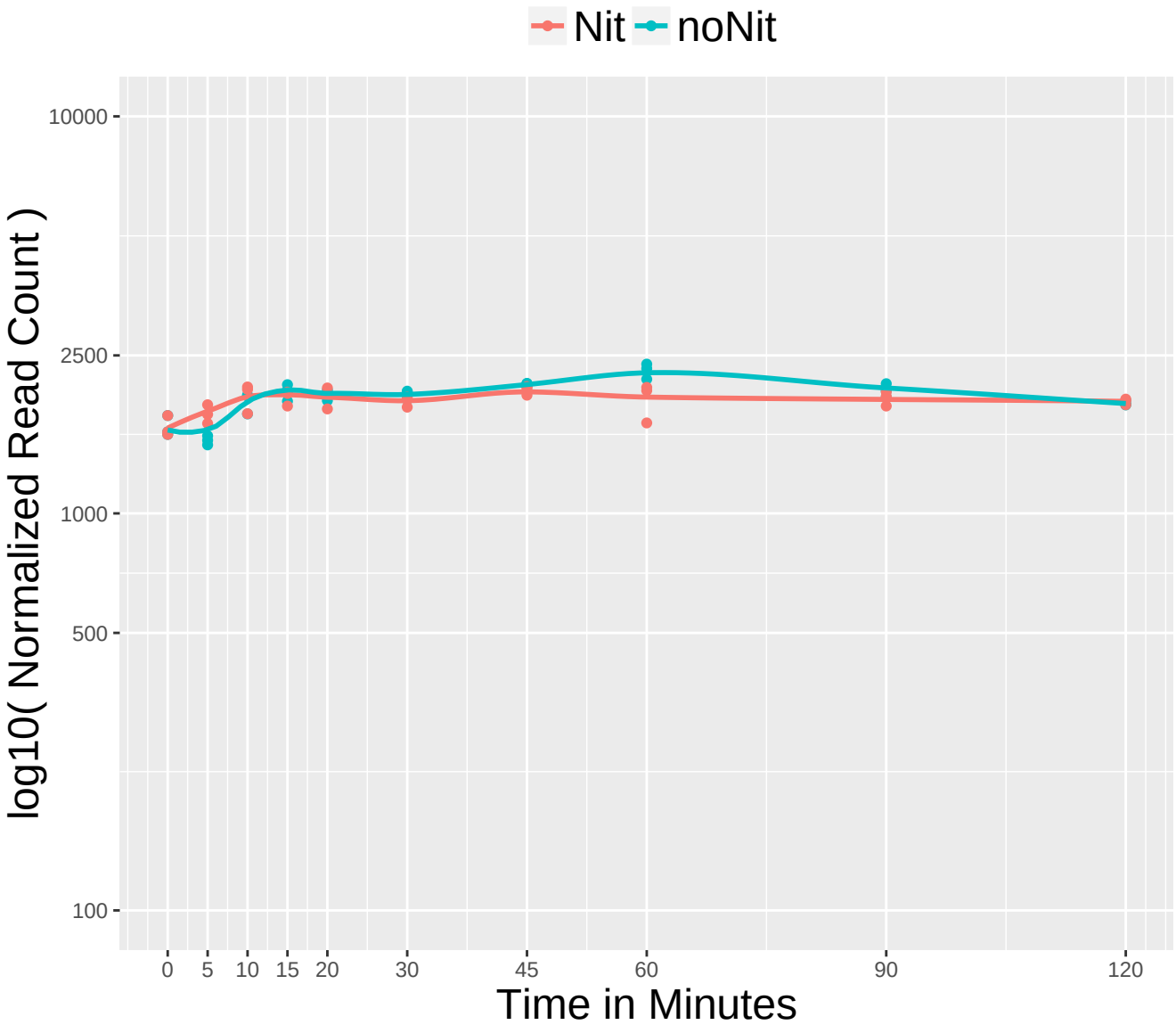
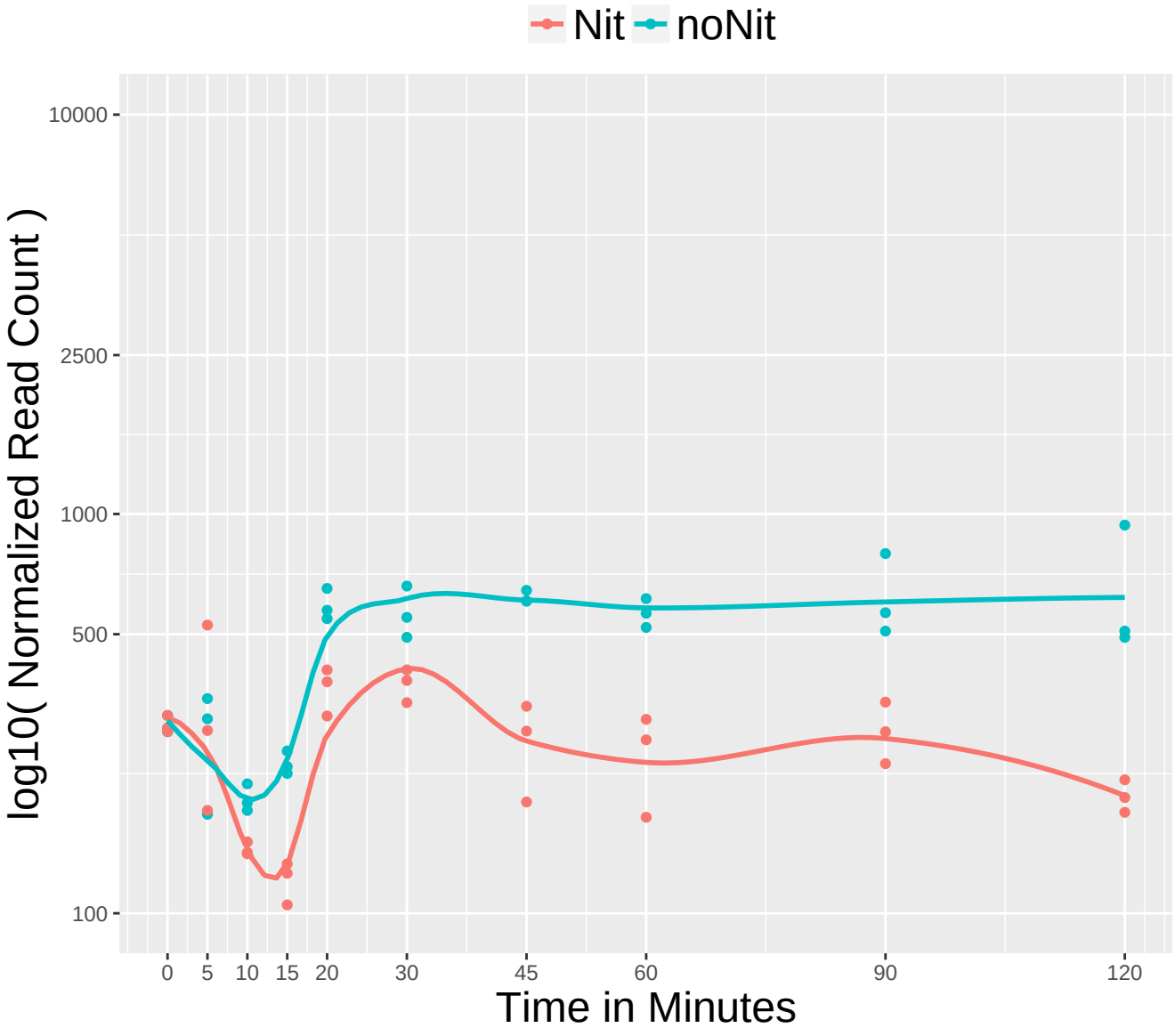
AKIN10,SNF1



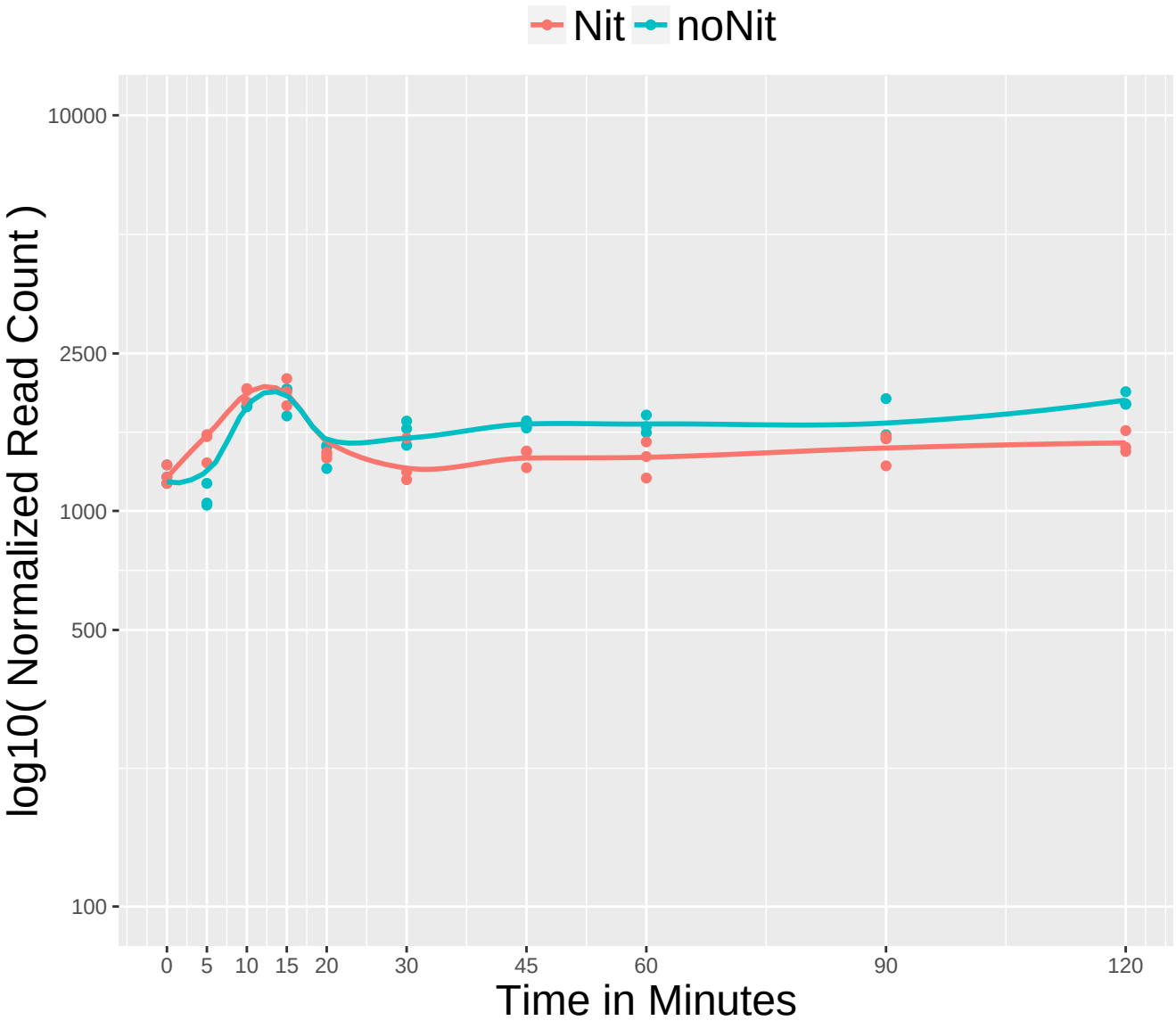
AT3G04220

Disease



AT3G27300

G6PD5,glucose−6−phosphate



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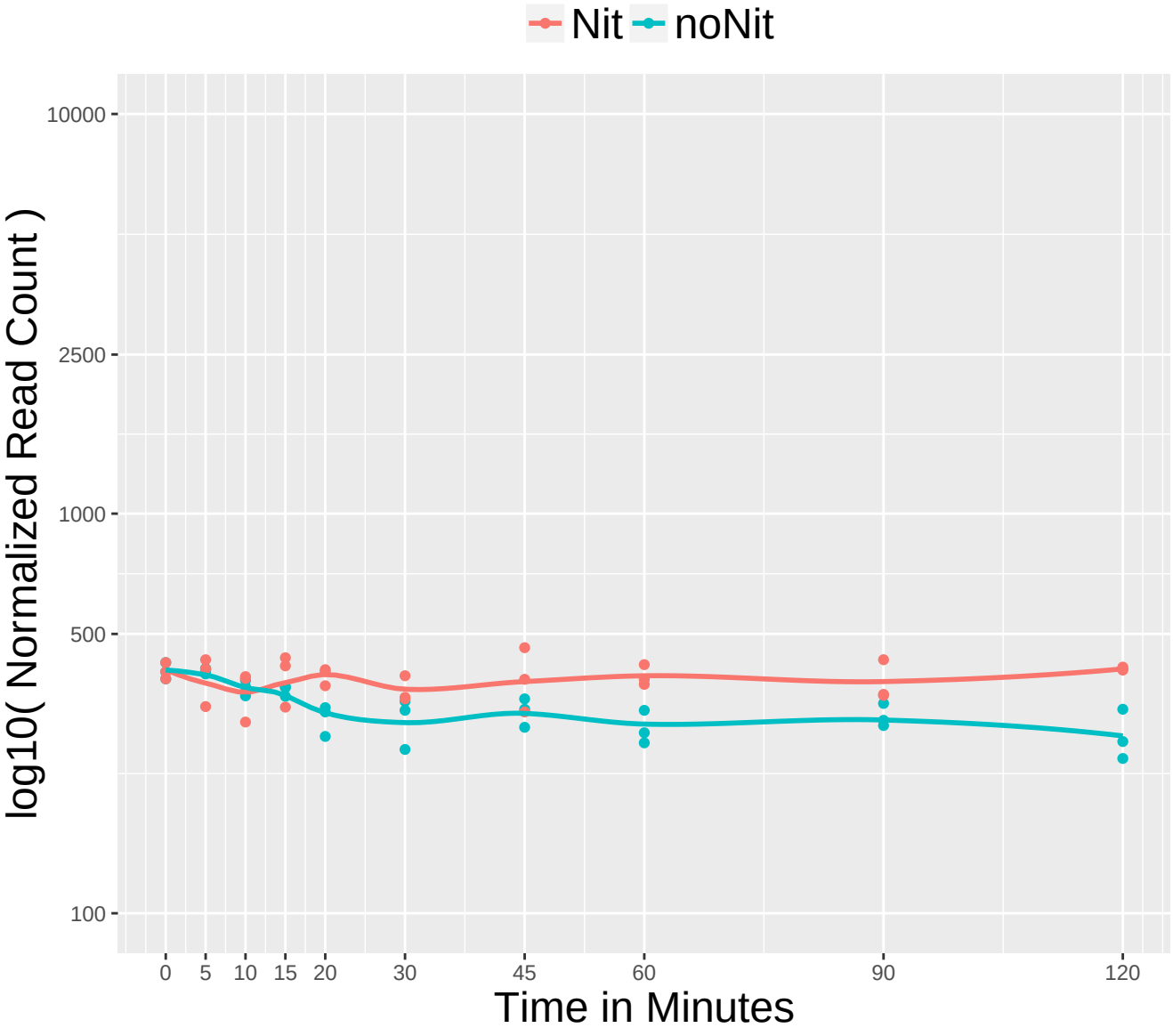
Nit
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1000
500
100
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5
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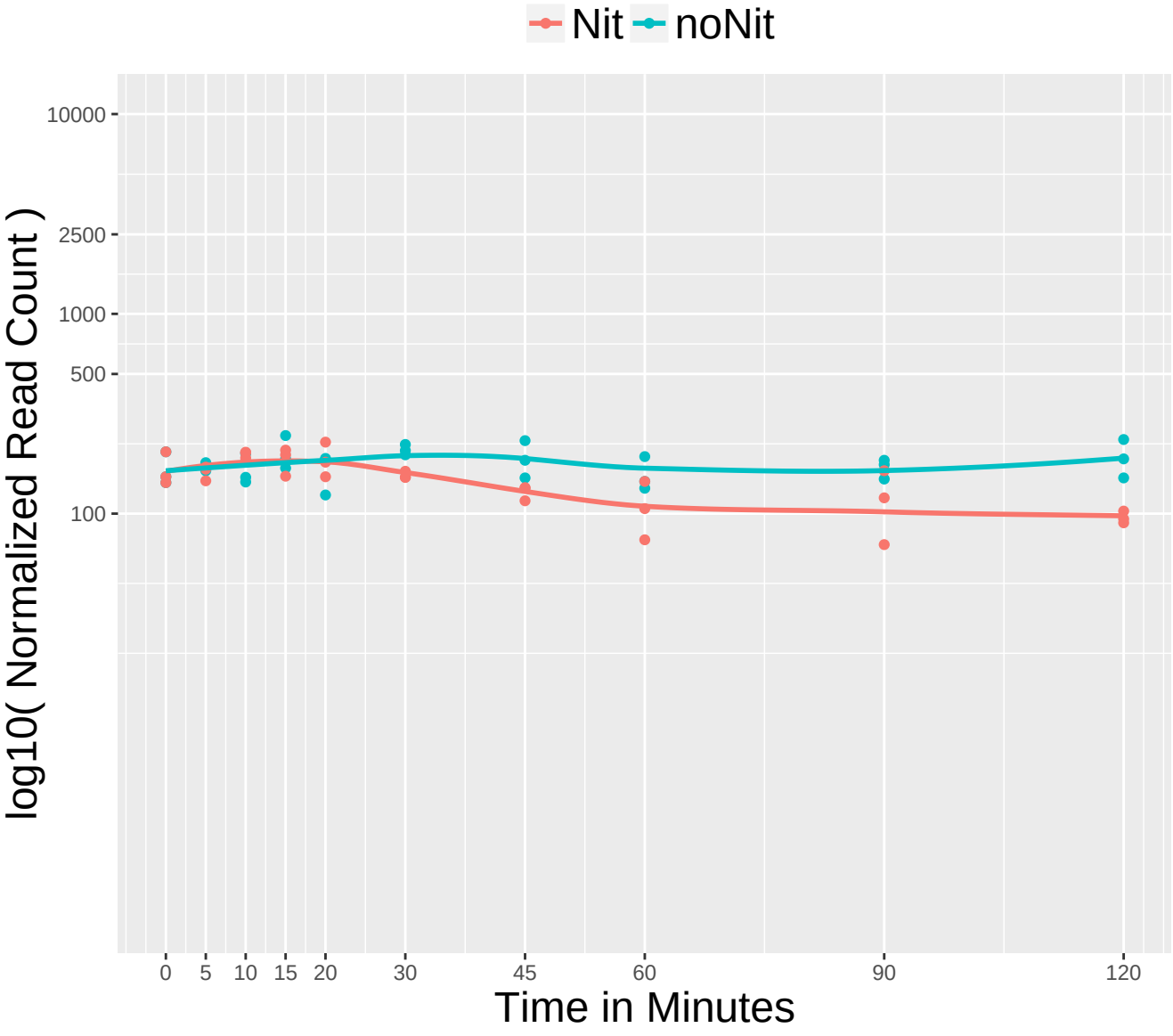
20
30
45
60
90
120
Time in Minutes

AT3G45420

Concanavalin



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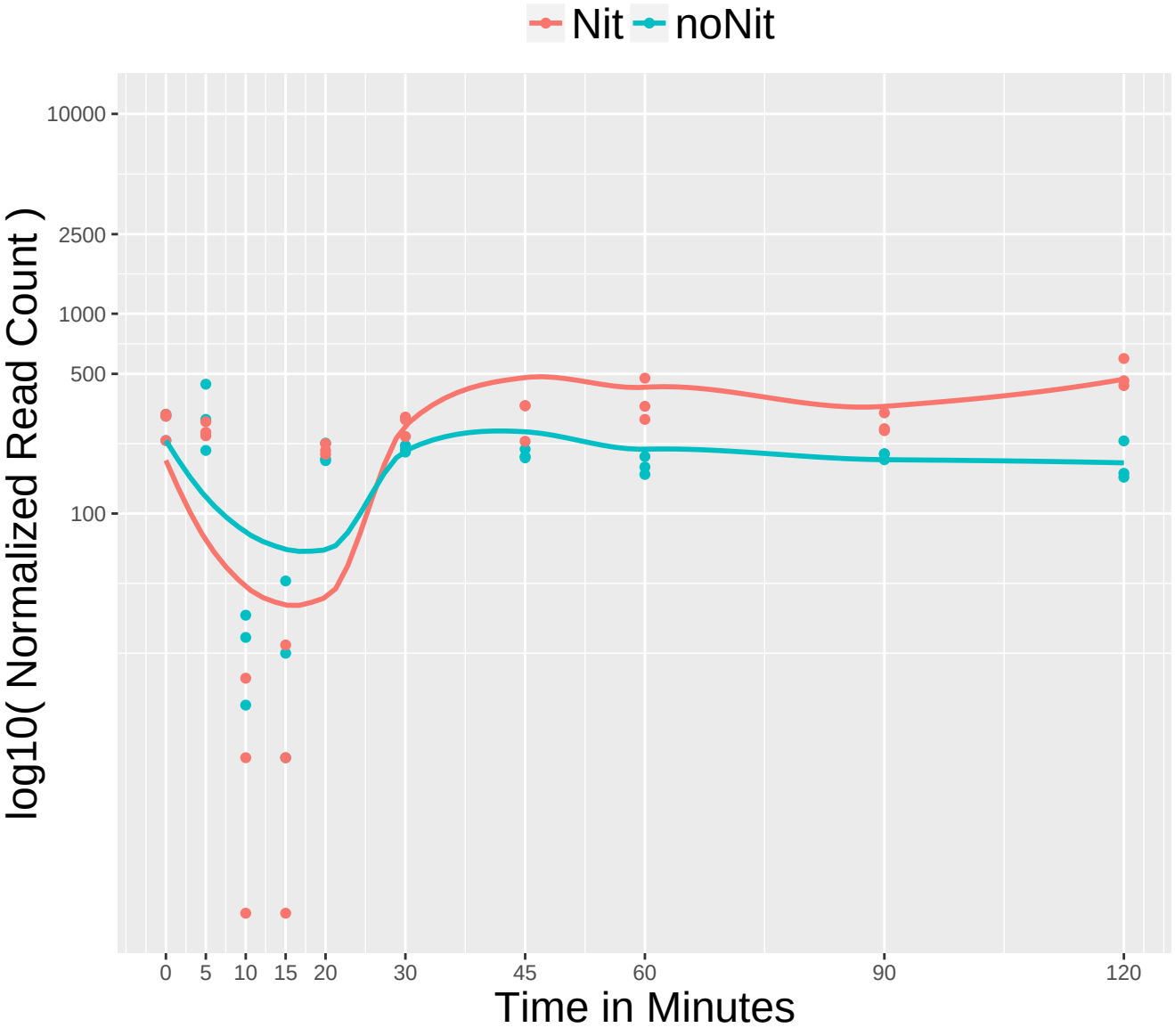
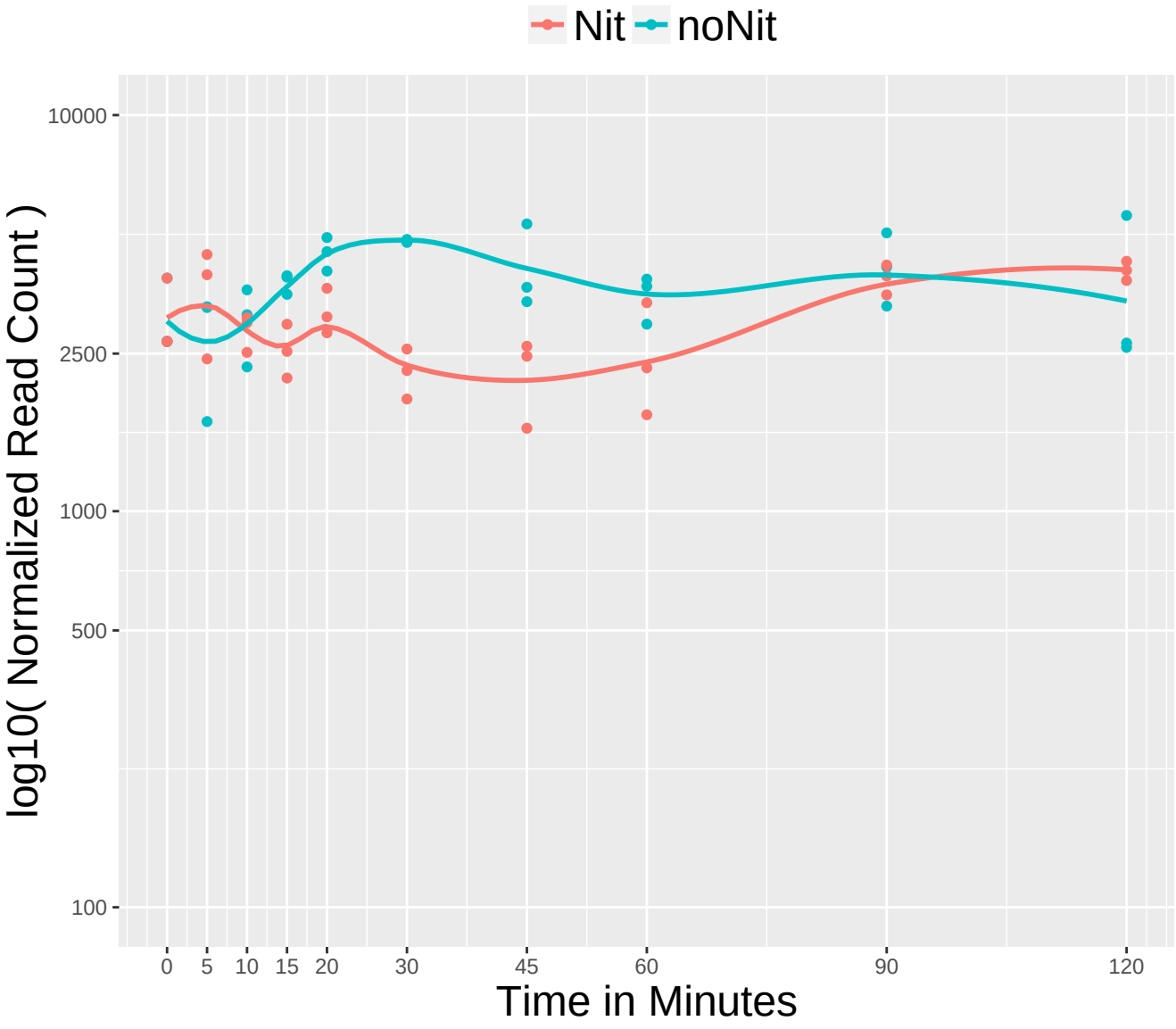
snoRNA



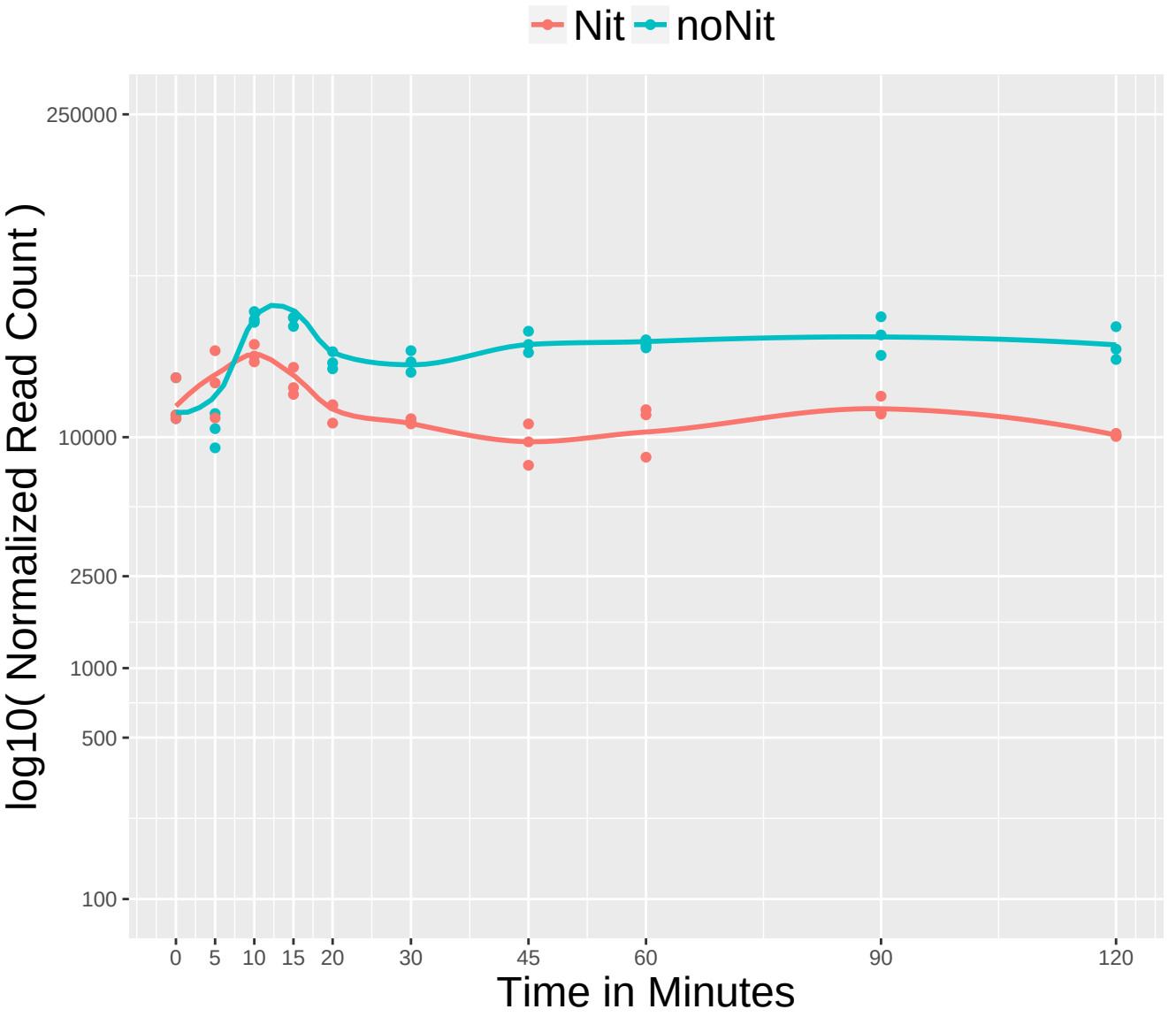
AT3G50930

BCS1,cytochrome



AT5G22630

ADT5,arogenate



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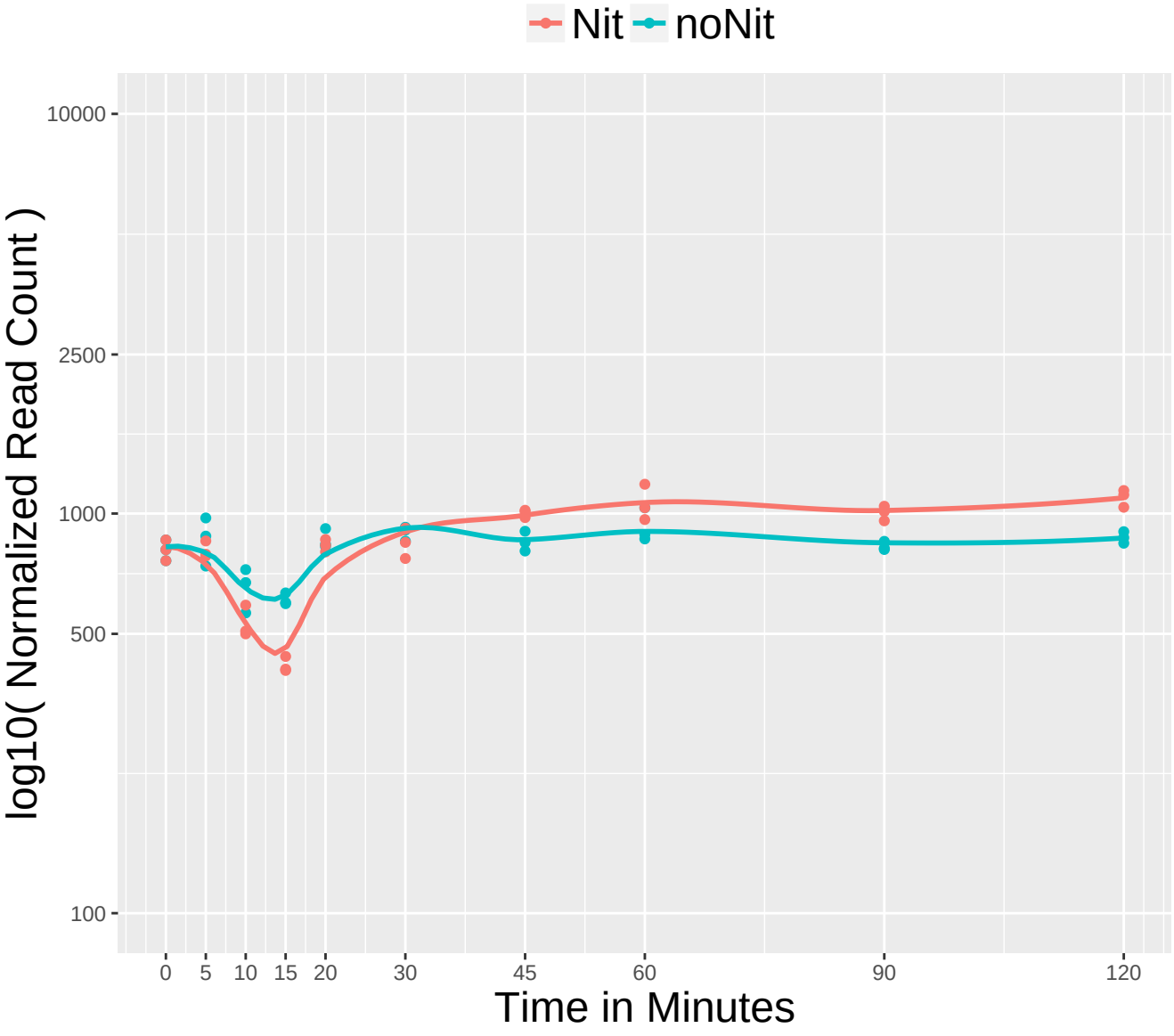
Protein



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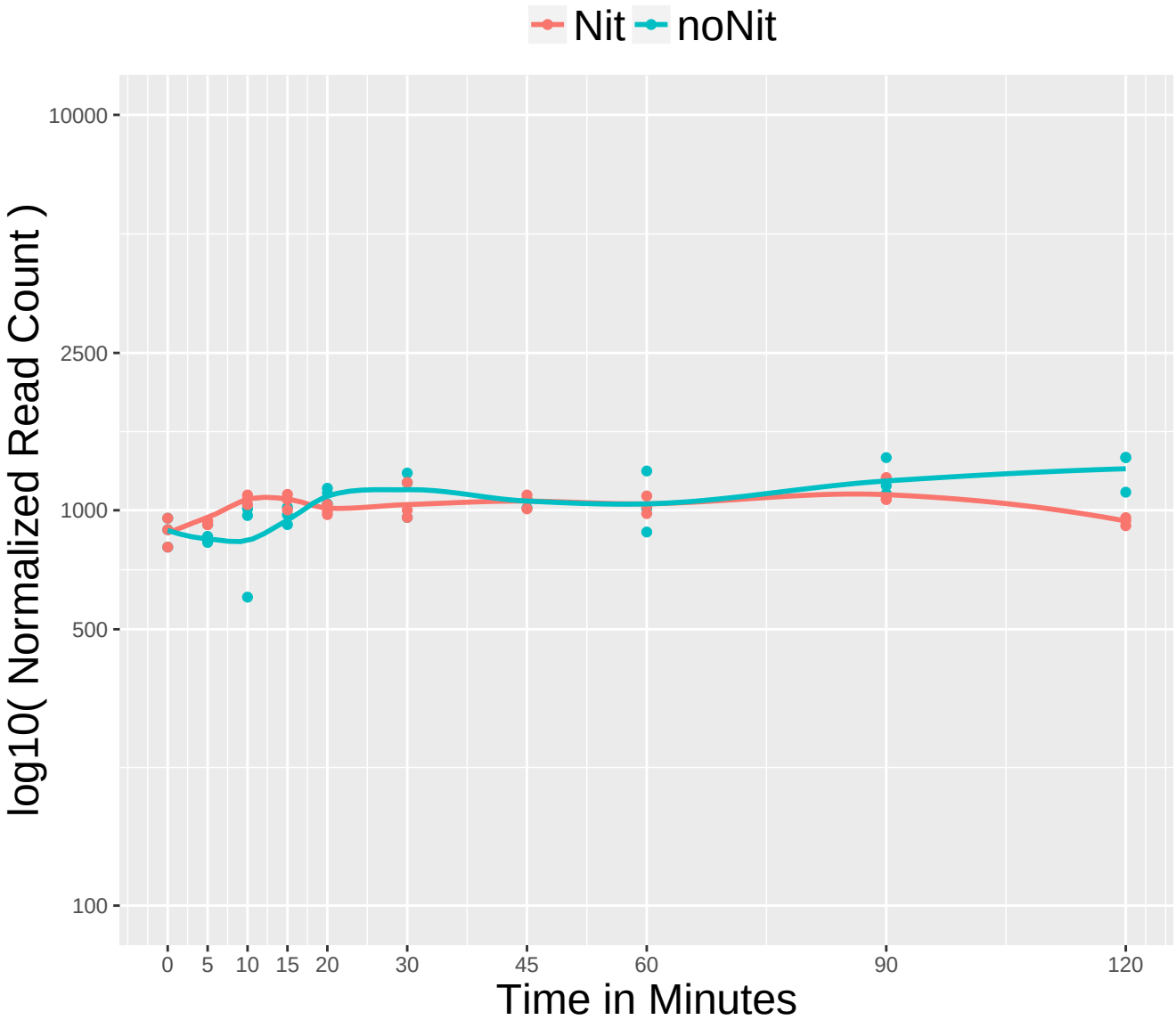
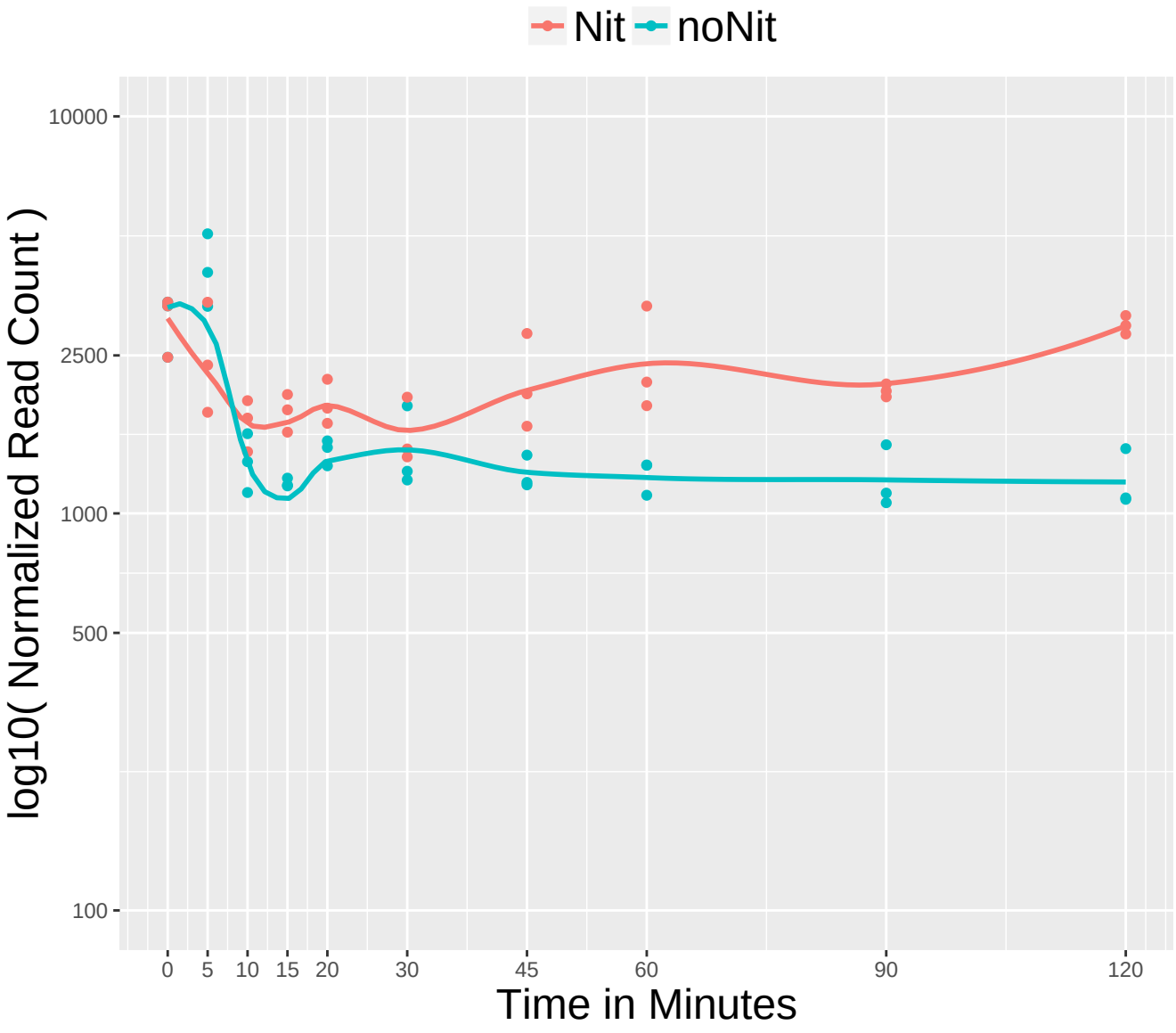
myosin



AT5G61770

PPAN,PETER



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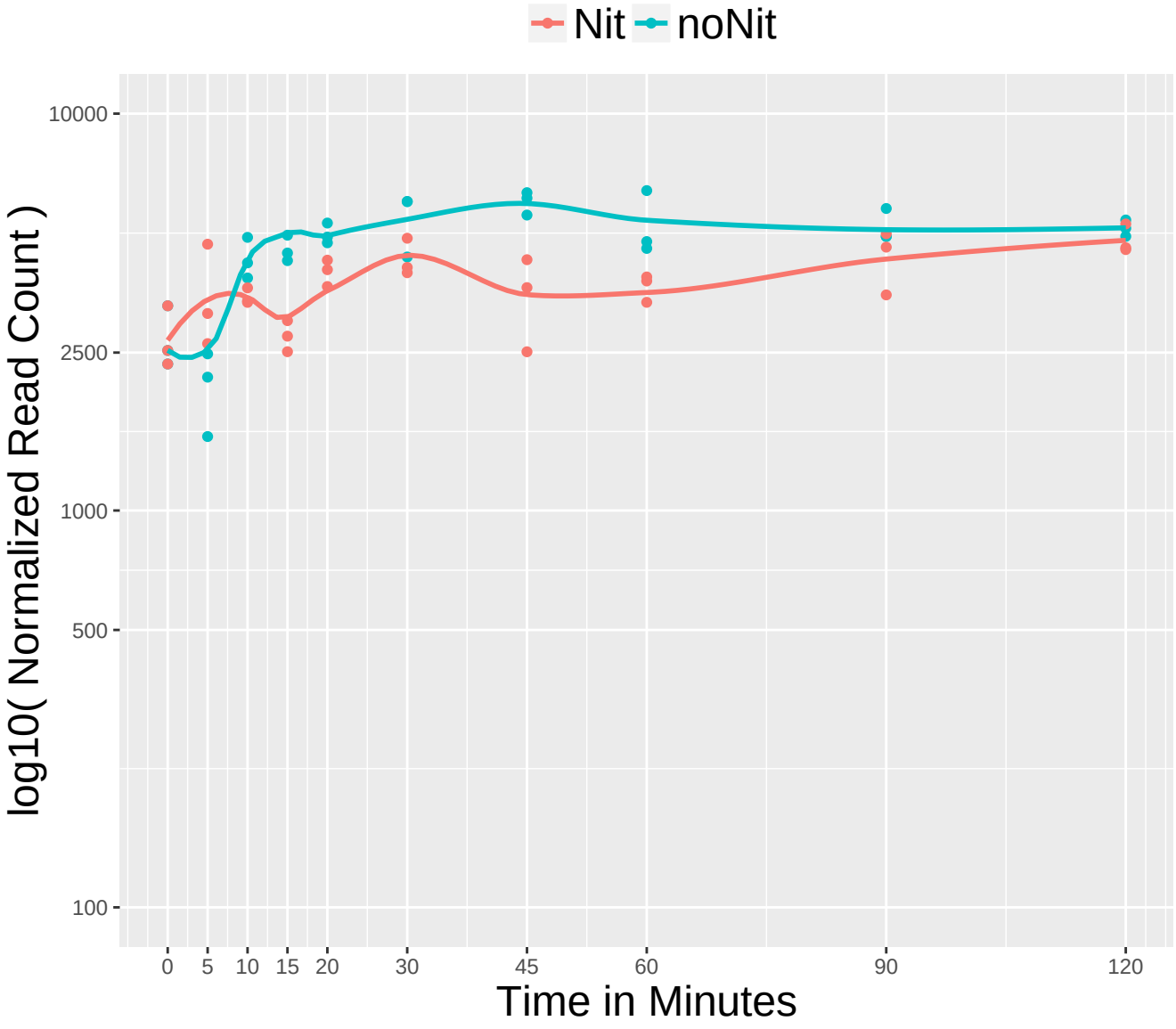
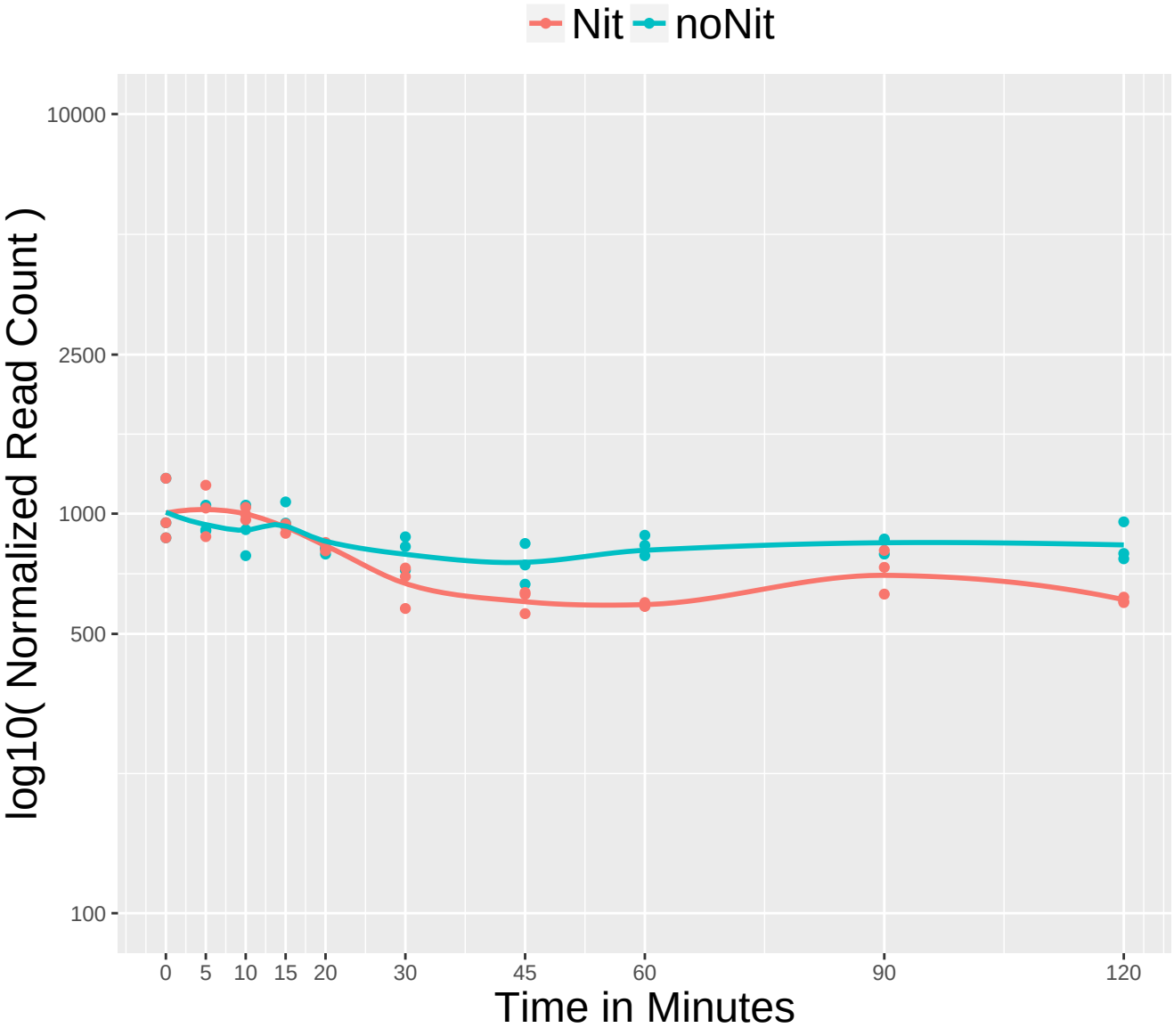


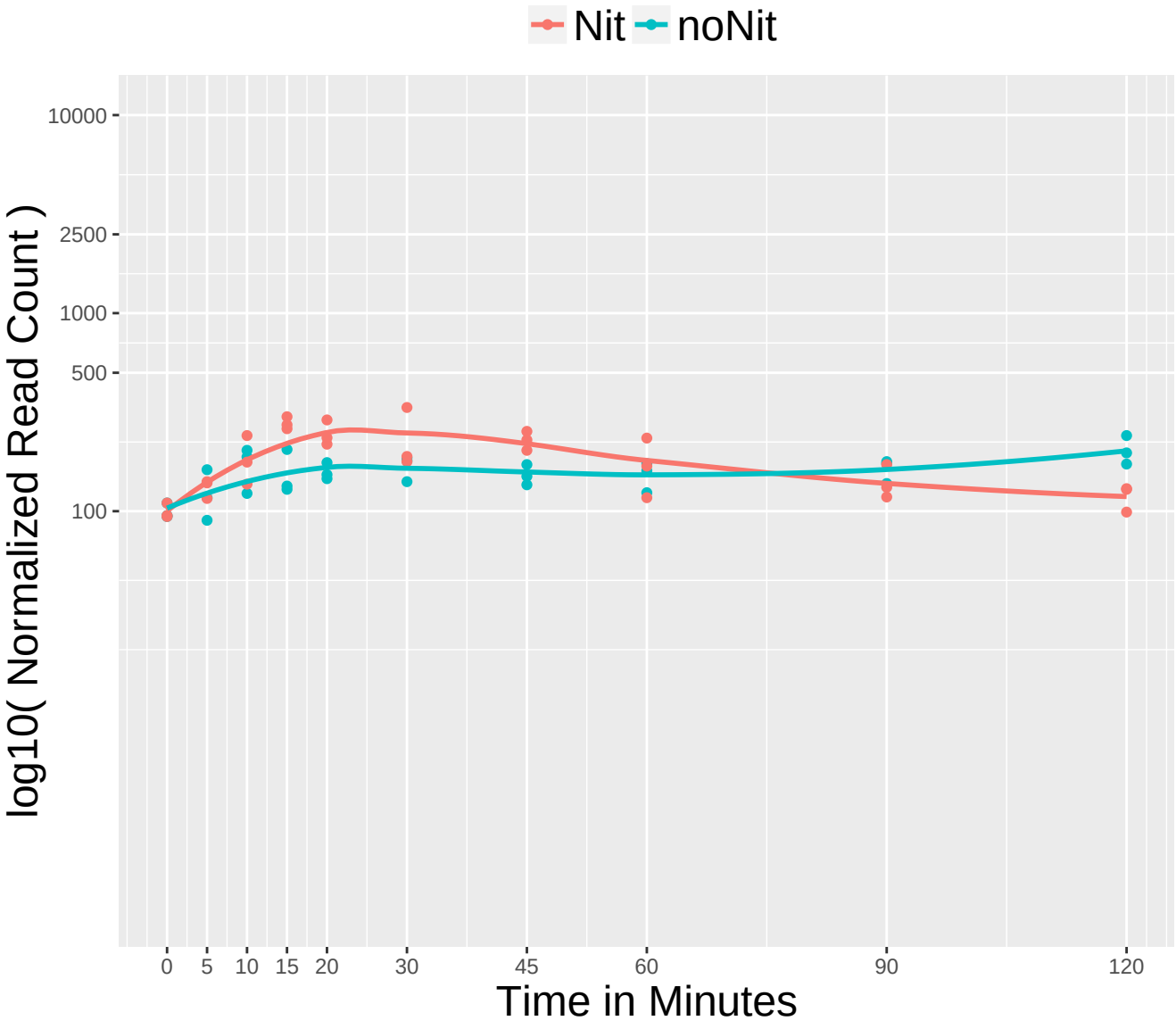
AT1G53190

RING/U−box



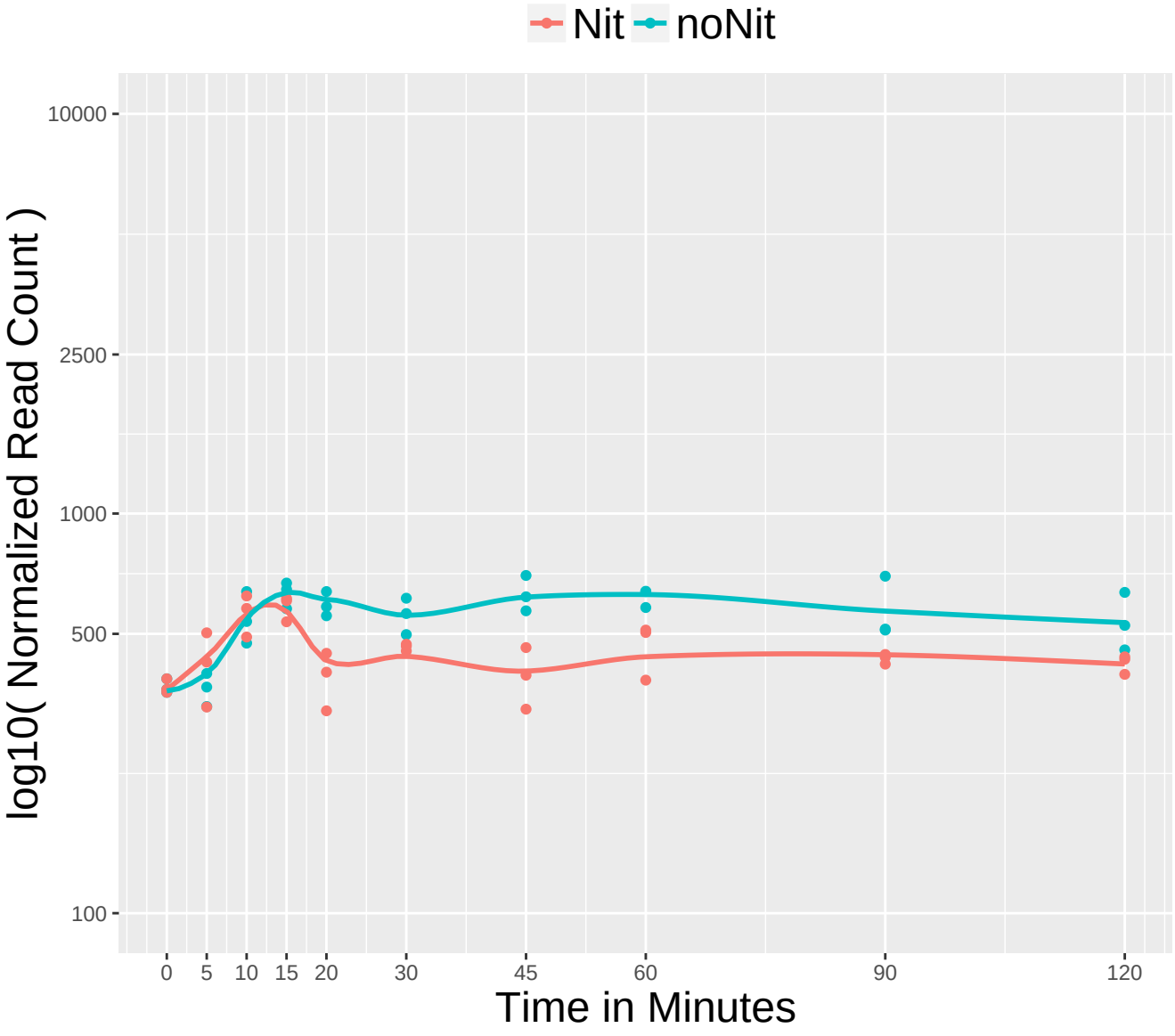
AT1G73340

Cytochrome



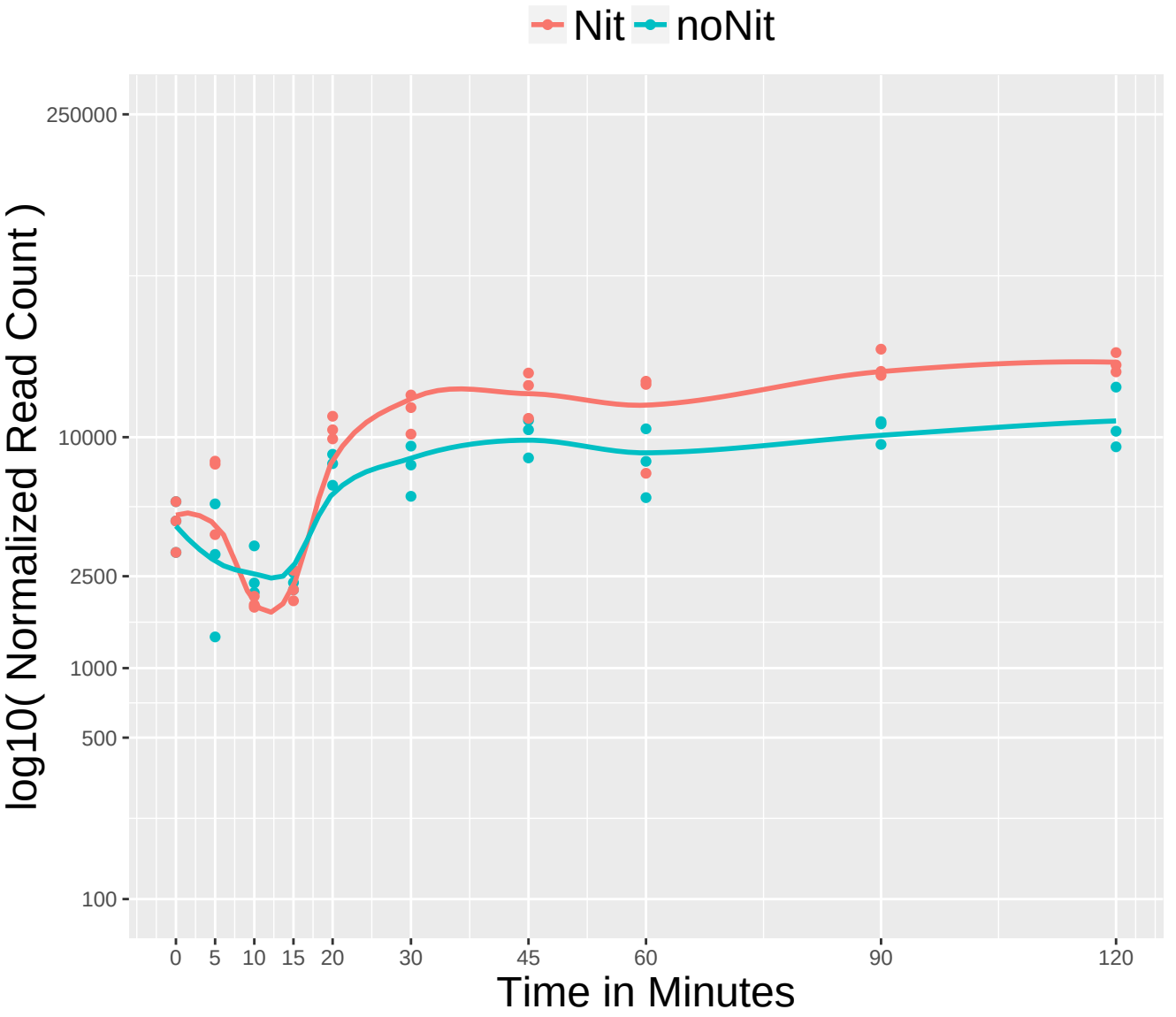
AT1G77660

Histone



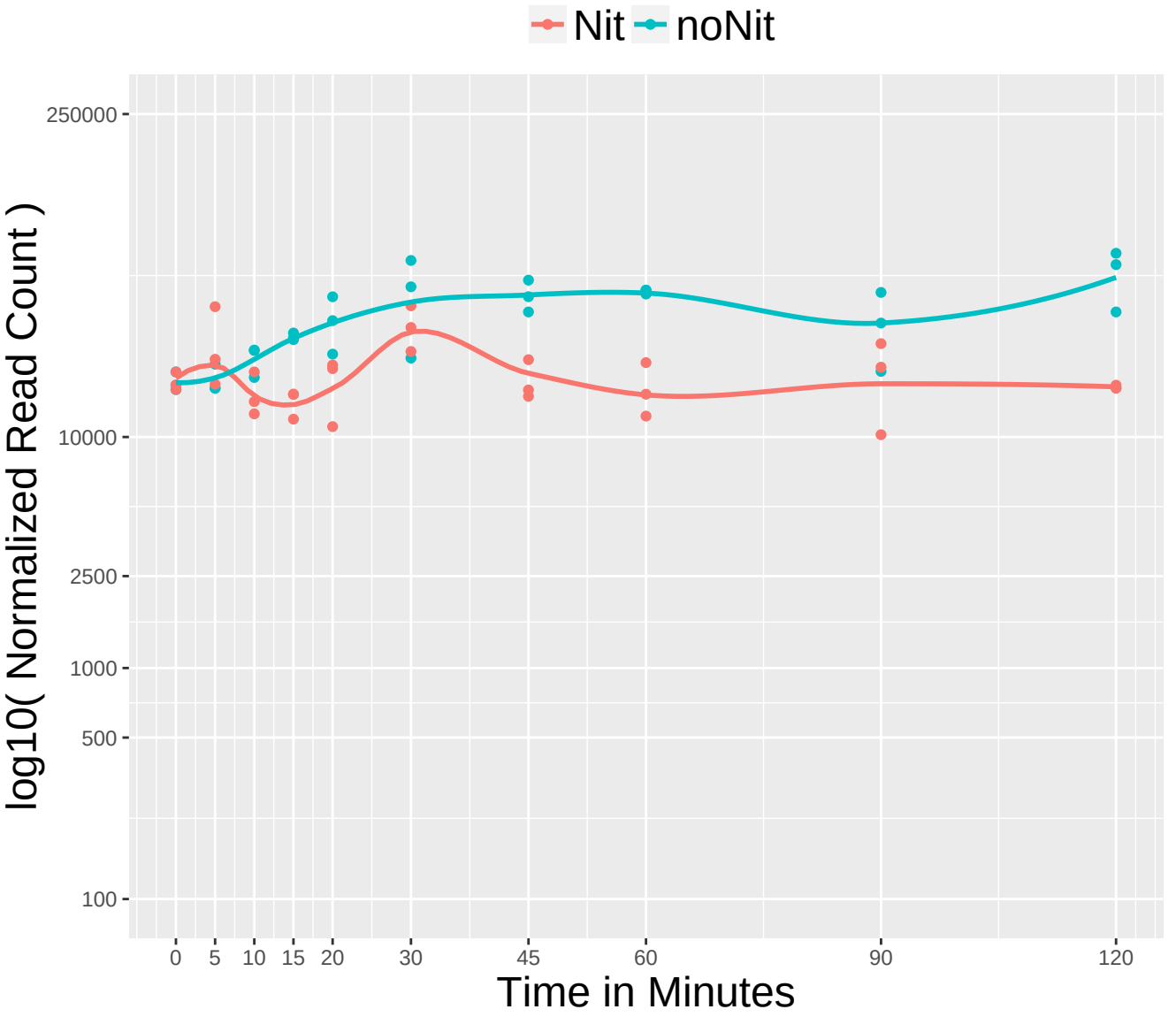
AT2G30670

NAD(P)−binding



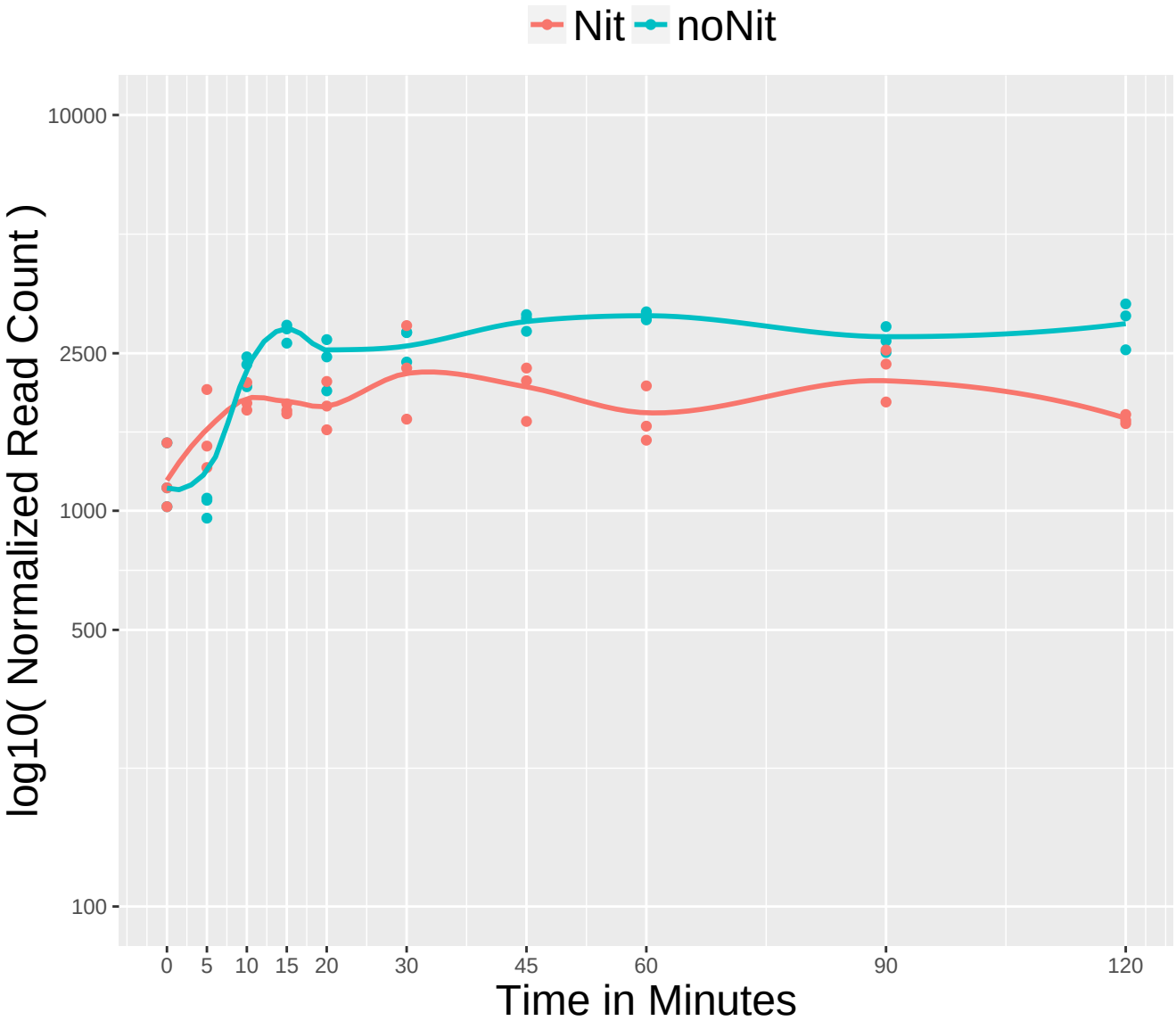
AT2G30750

CYP71A12,cytochrome



AT3G07570

Cytochrome



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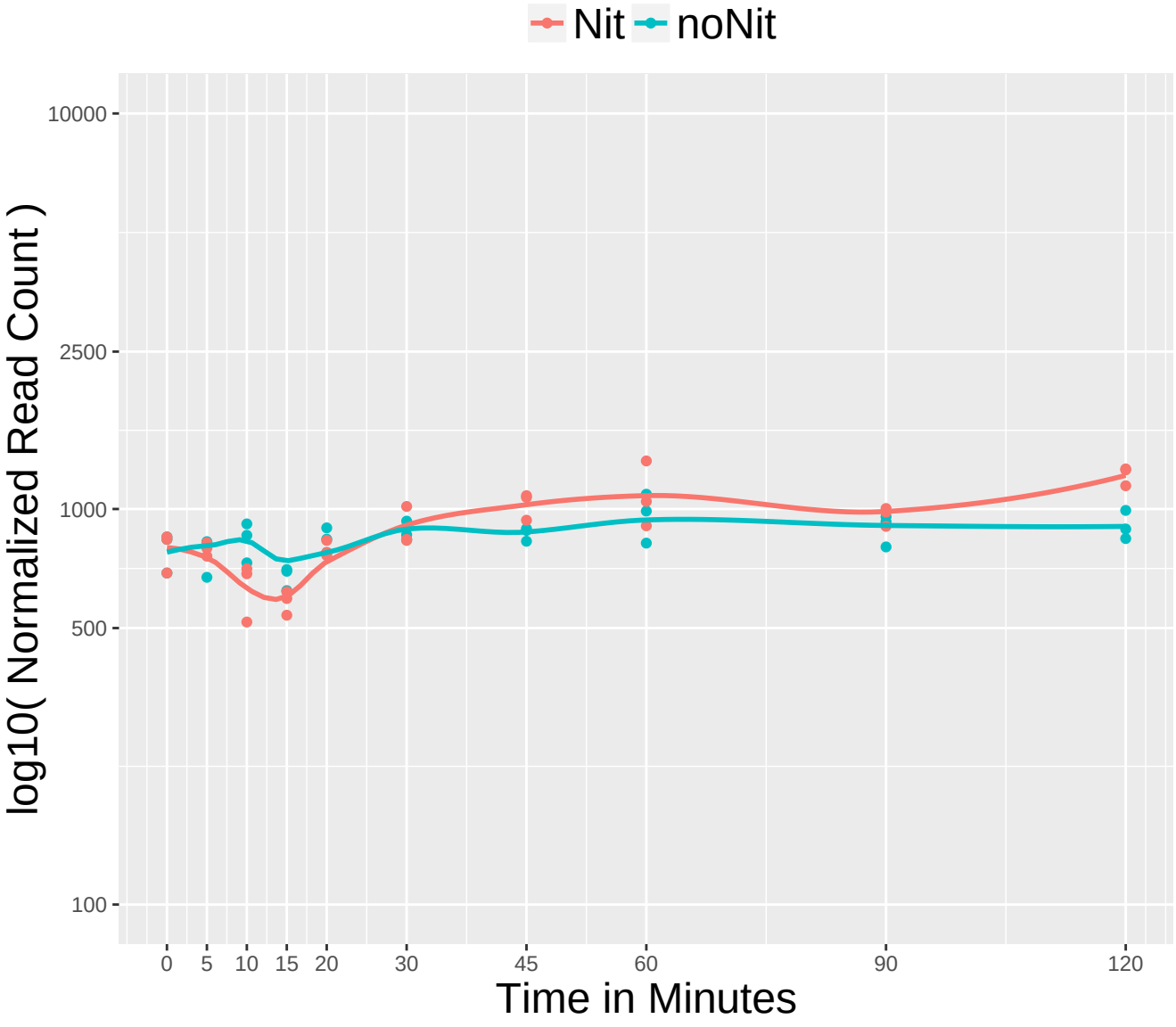
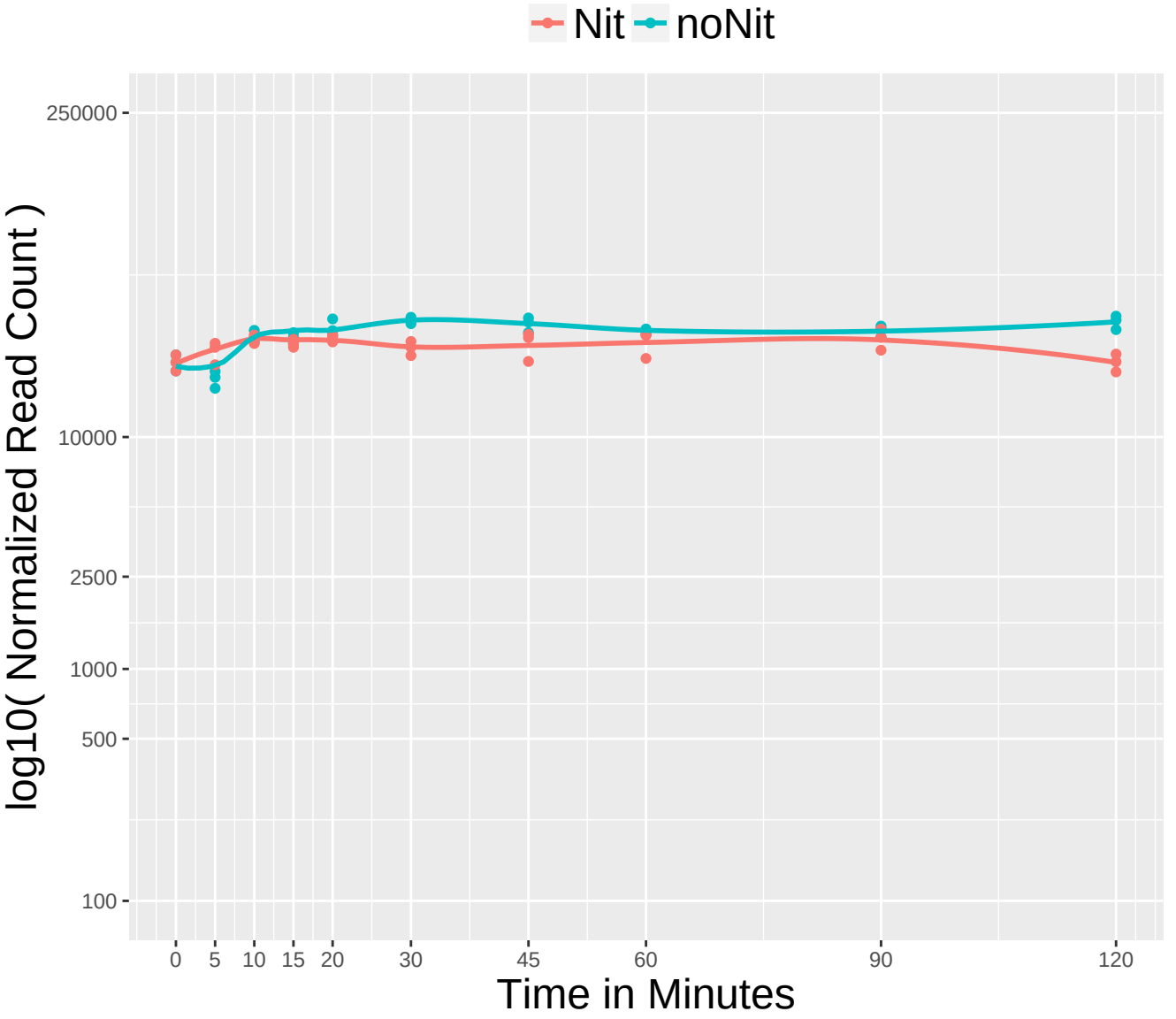
ADT2,arogenate



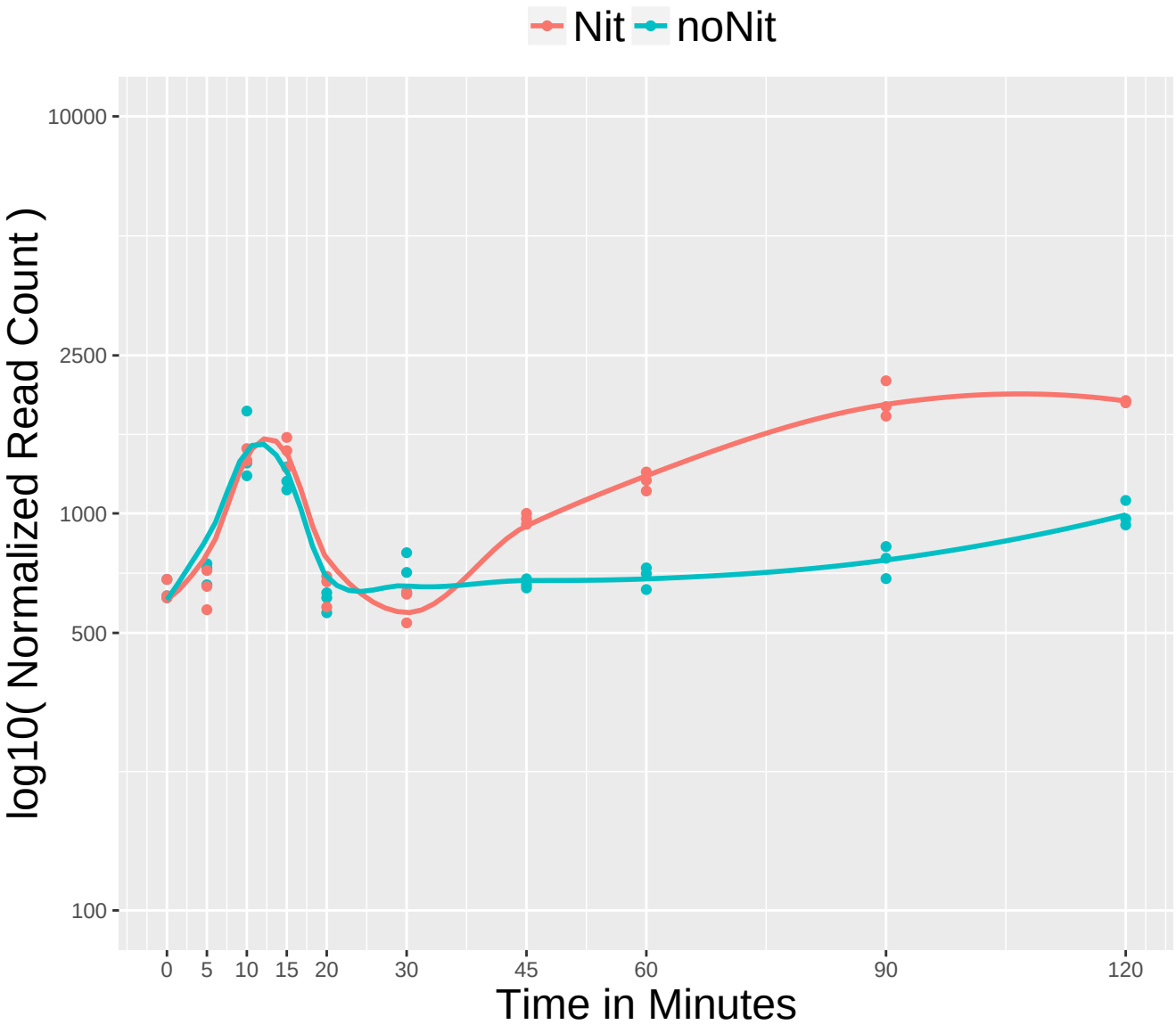
AT3G17390

MAT4,METHIONINE



AT3G18440

ALMT9,aluminum−activated



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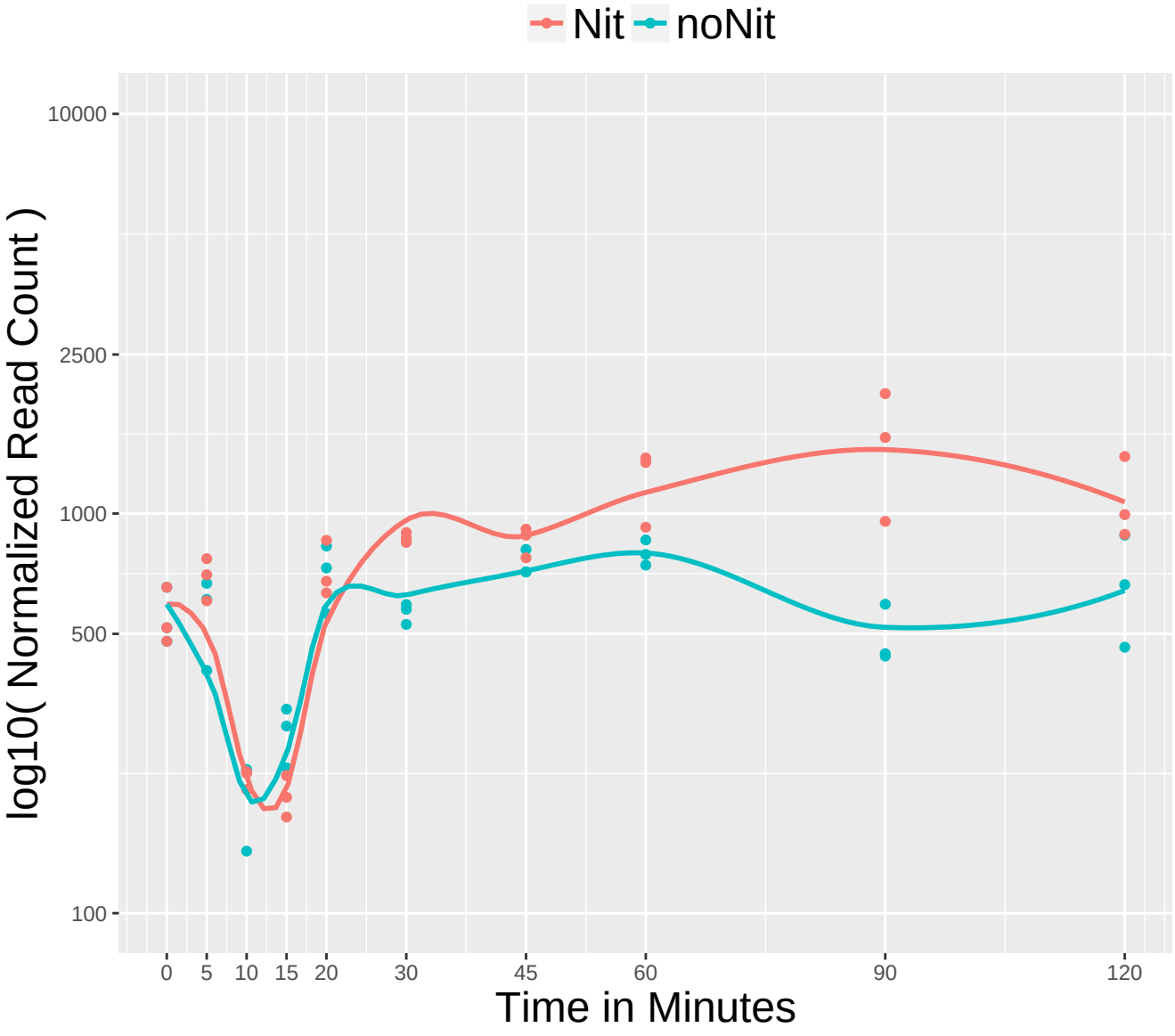
Transmembrane



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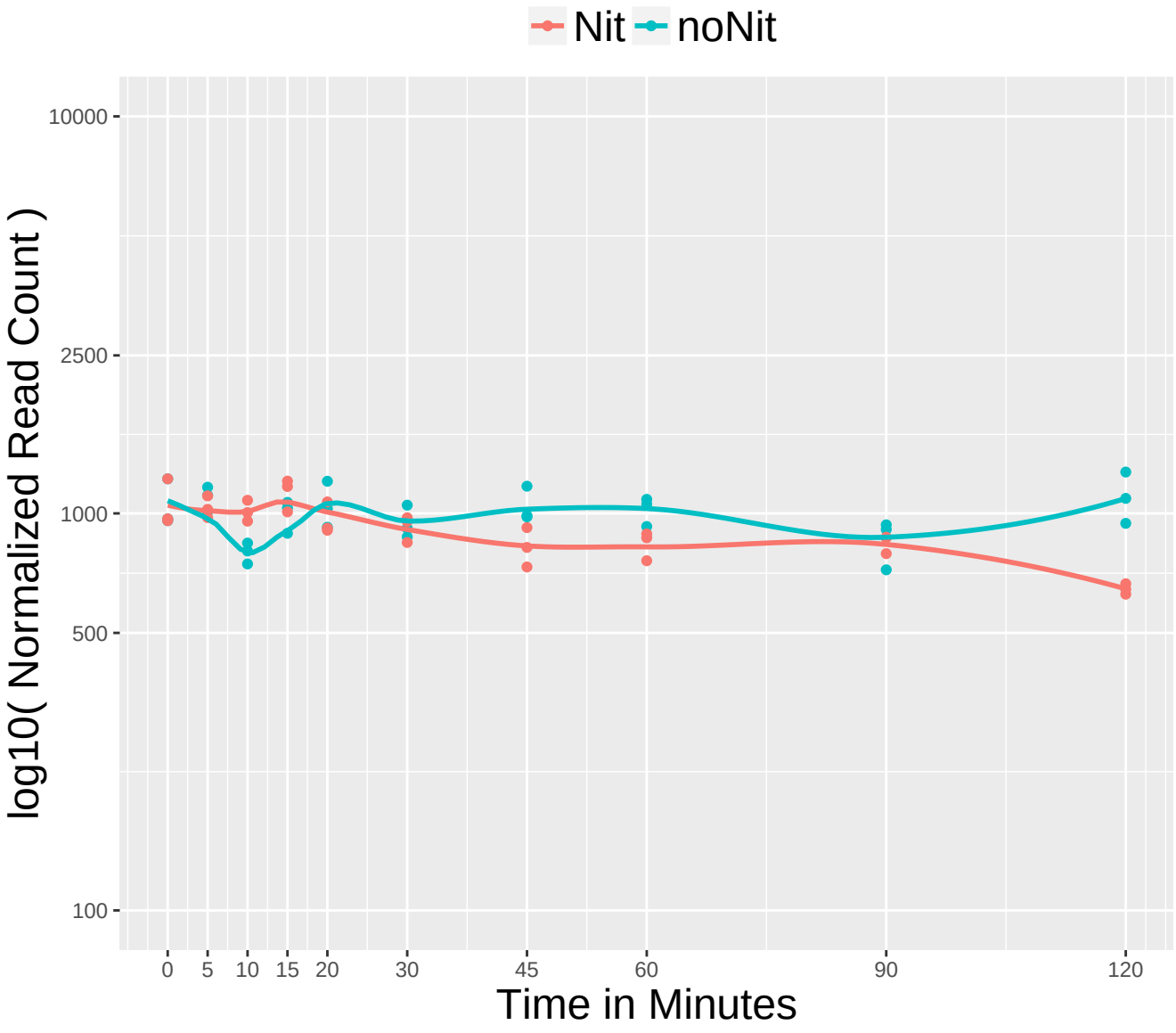
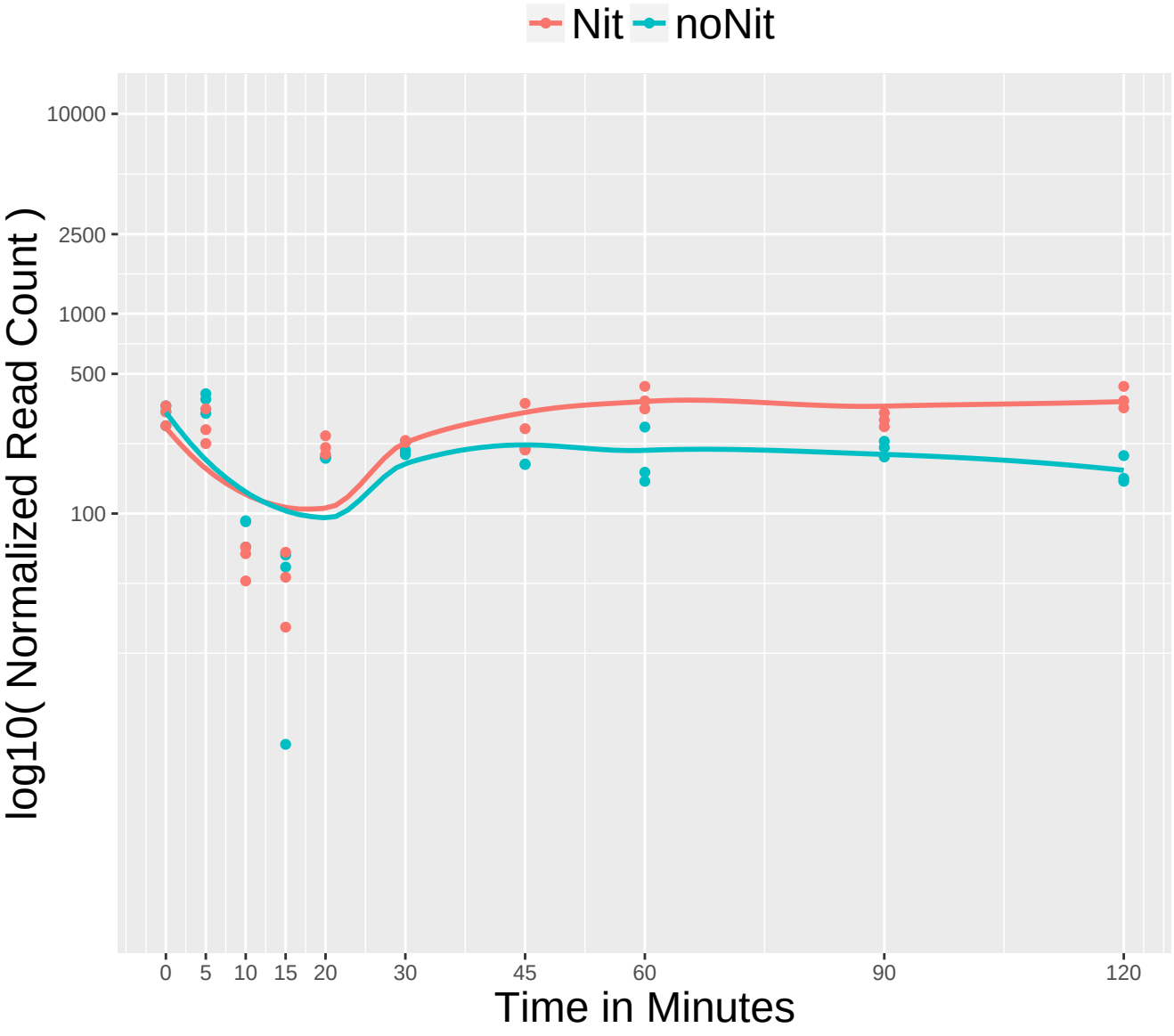
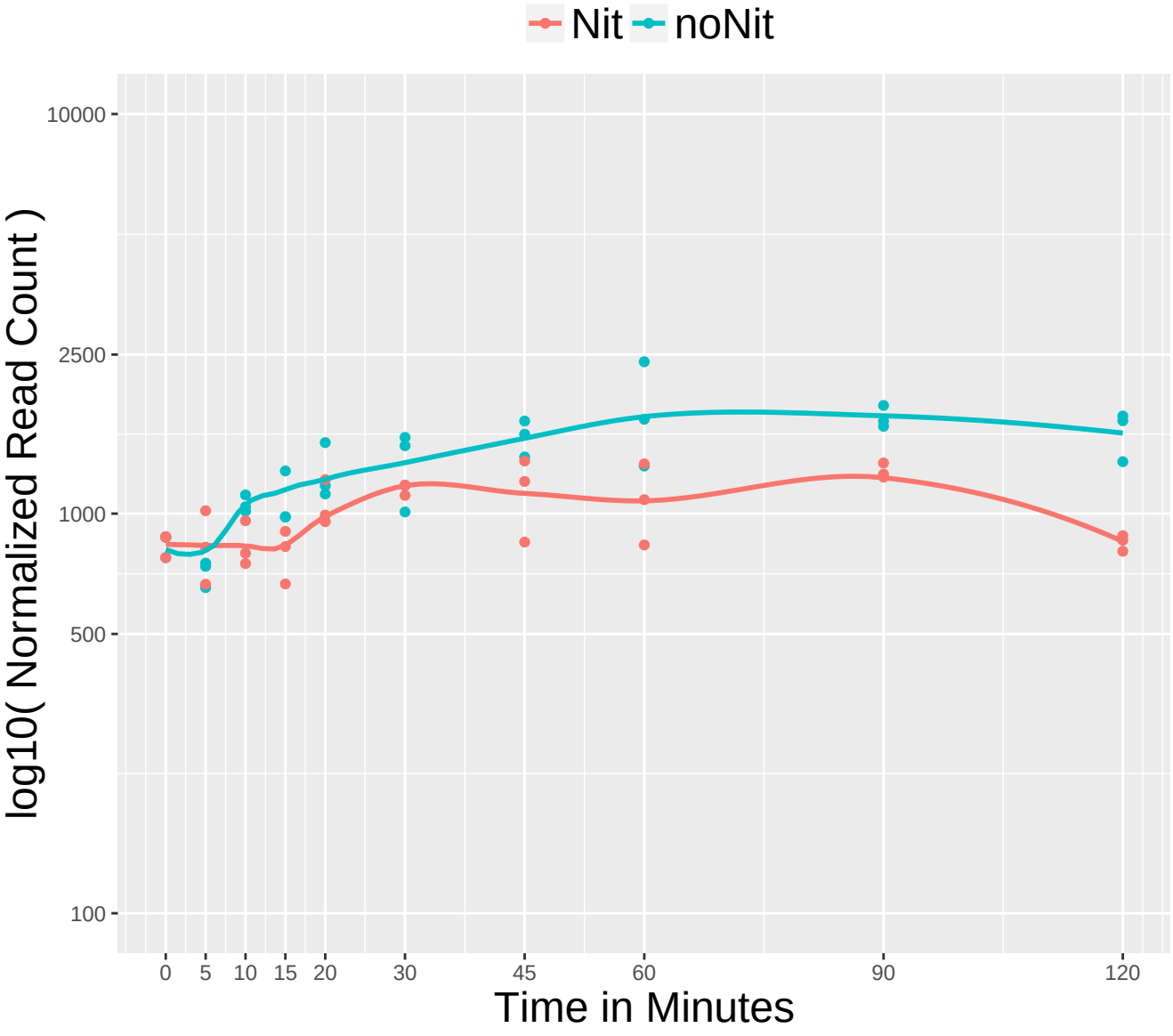


AT4G19550

zinc



AT4G24610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90
120
Time in Minutes

AT4G28703

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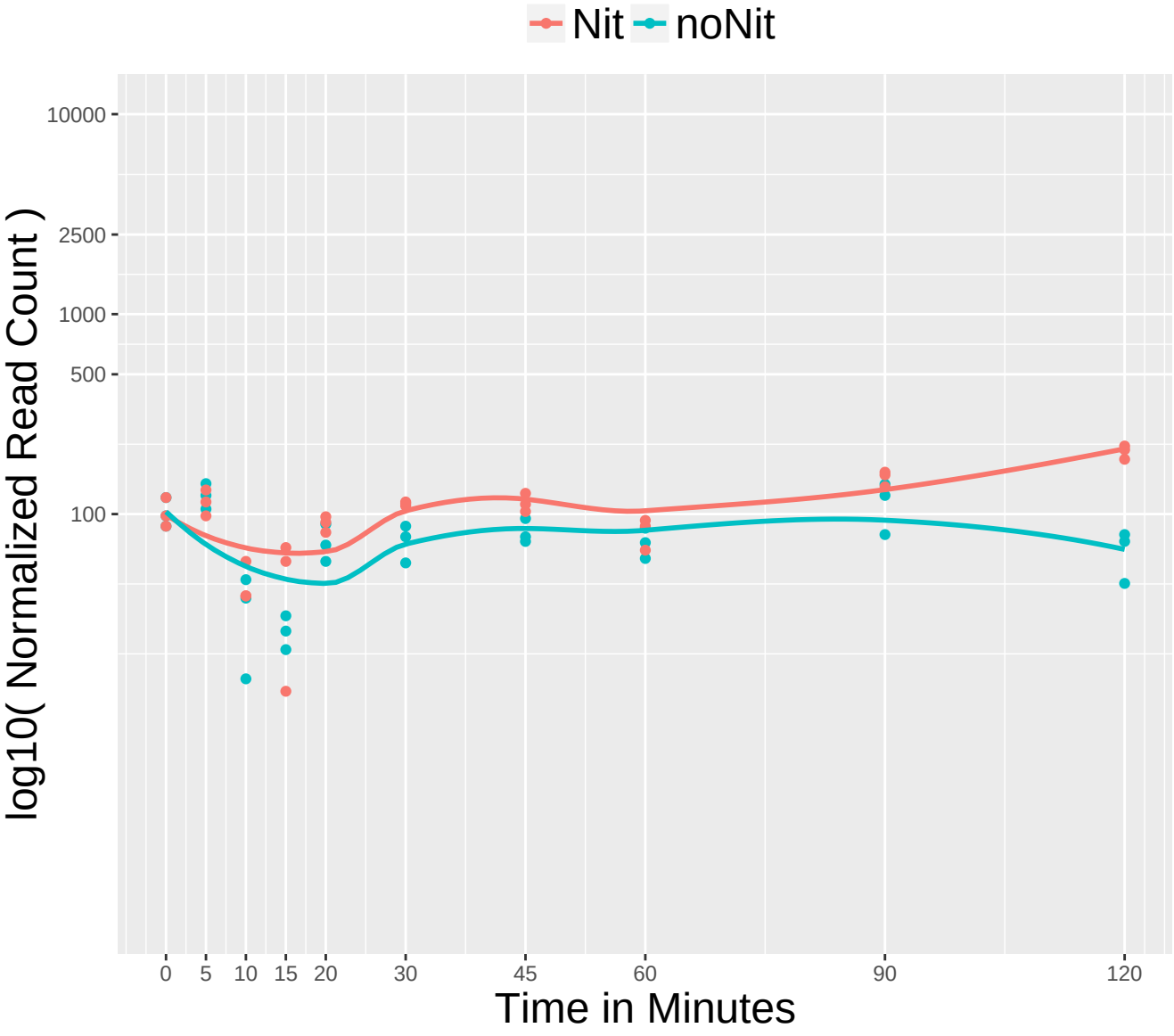
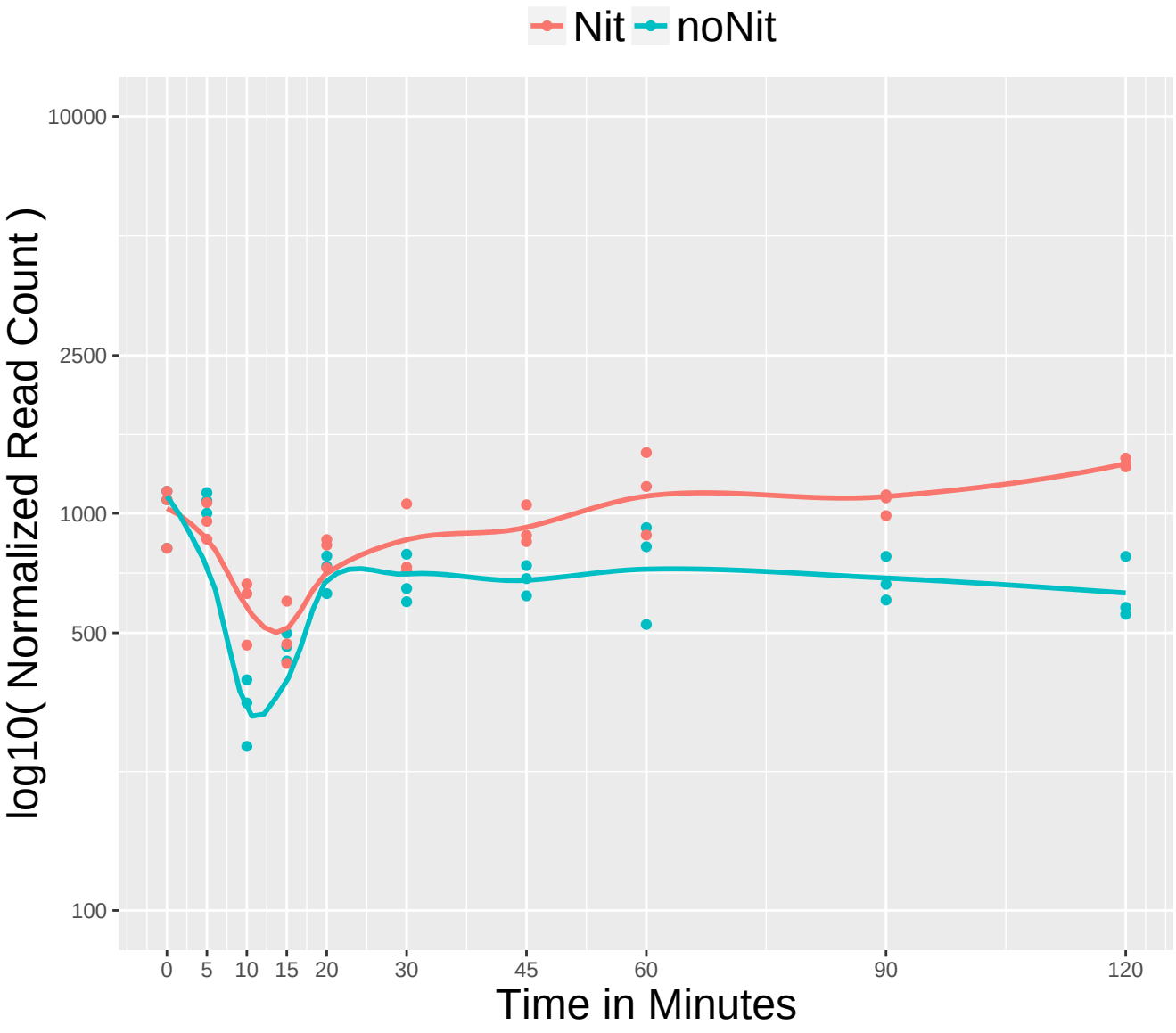


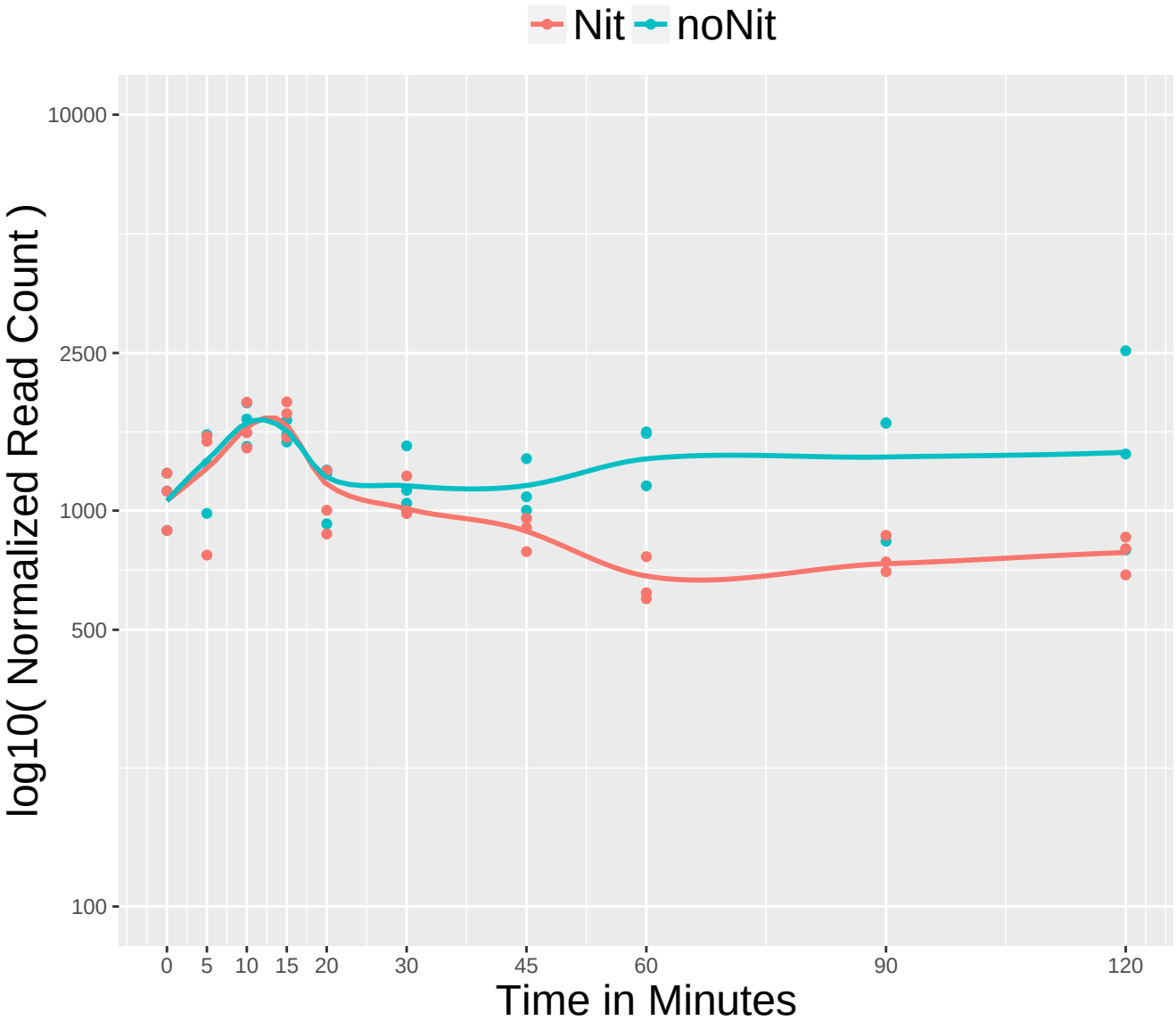
AT4G38100

CURT1D,CURVATURE



AT4G39830

Cupredoxin



AT5G19750

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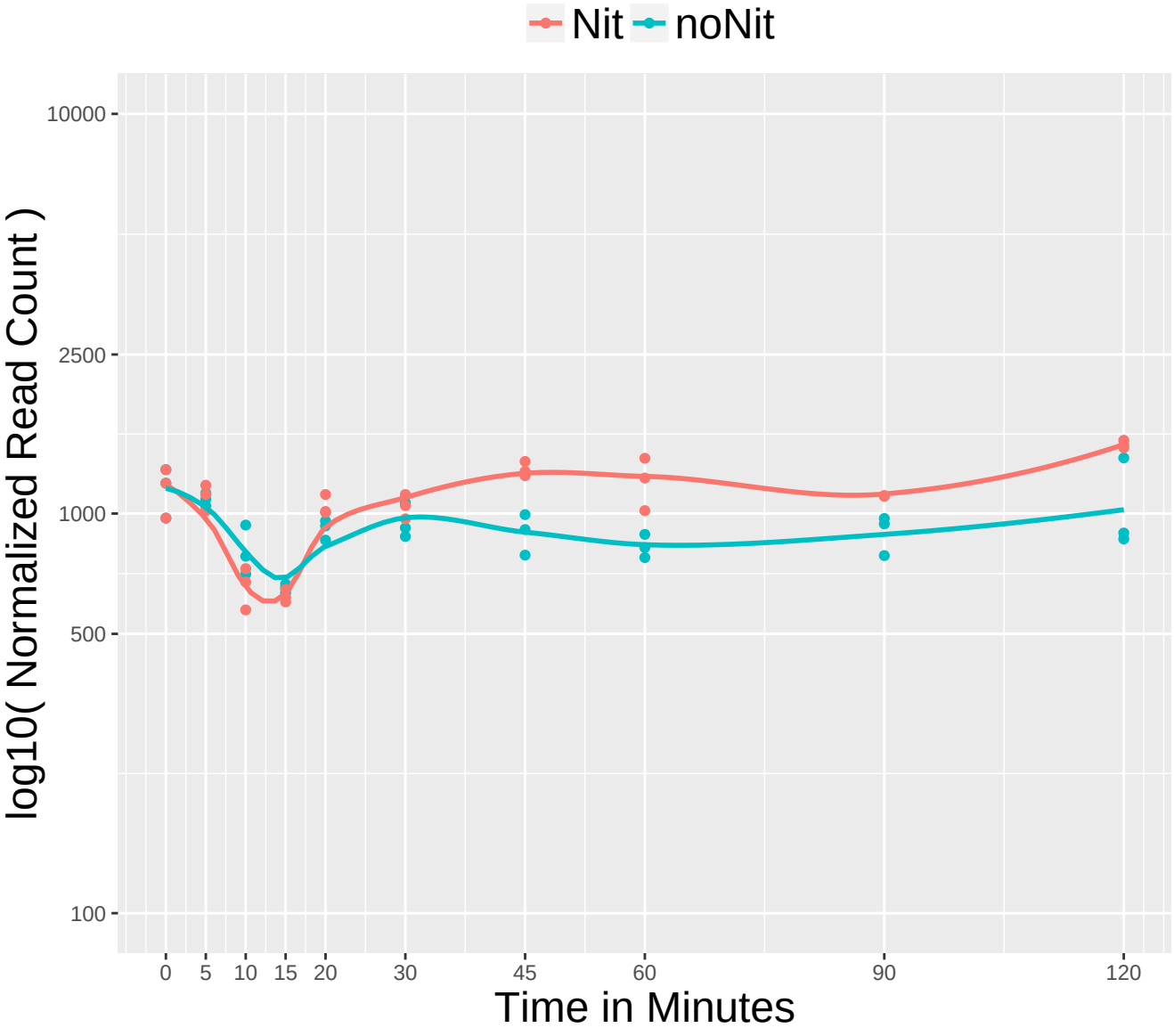

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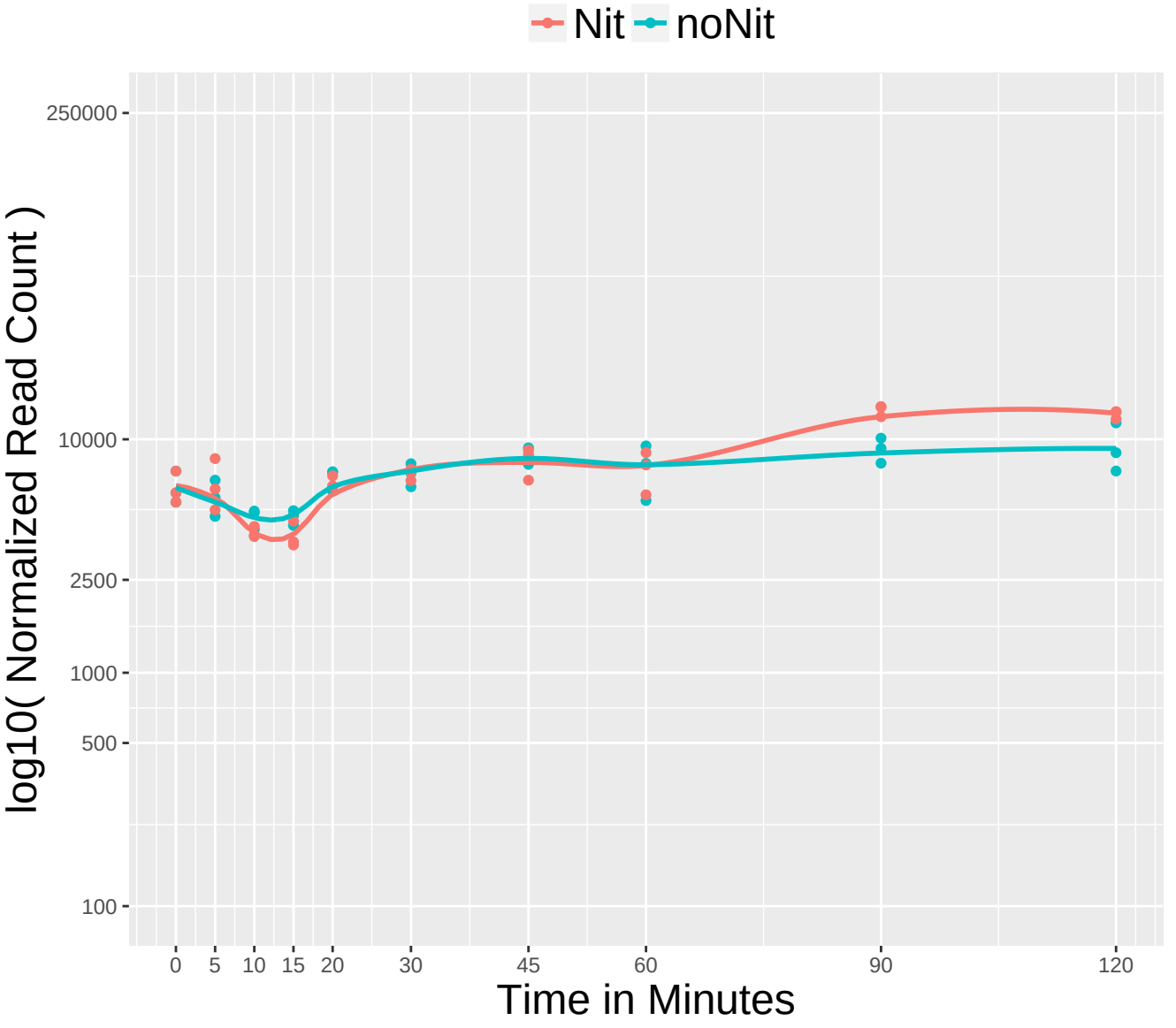

AT5G65660

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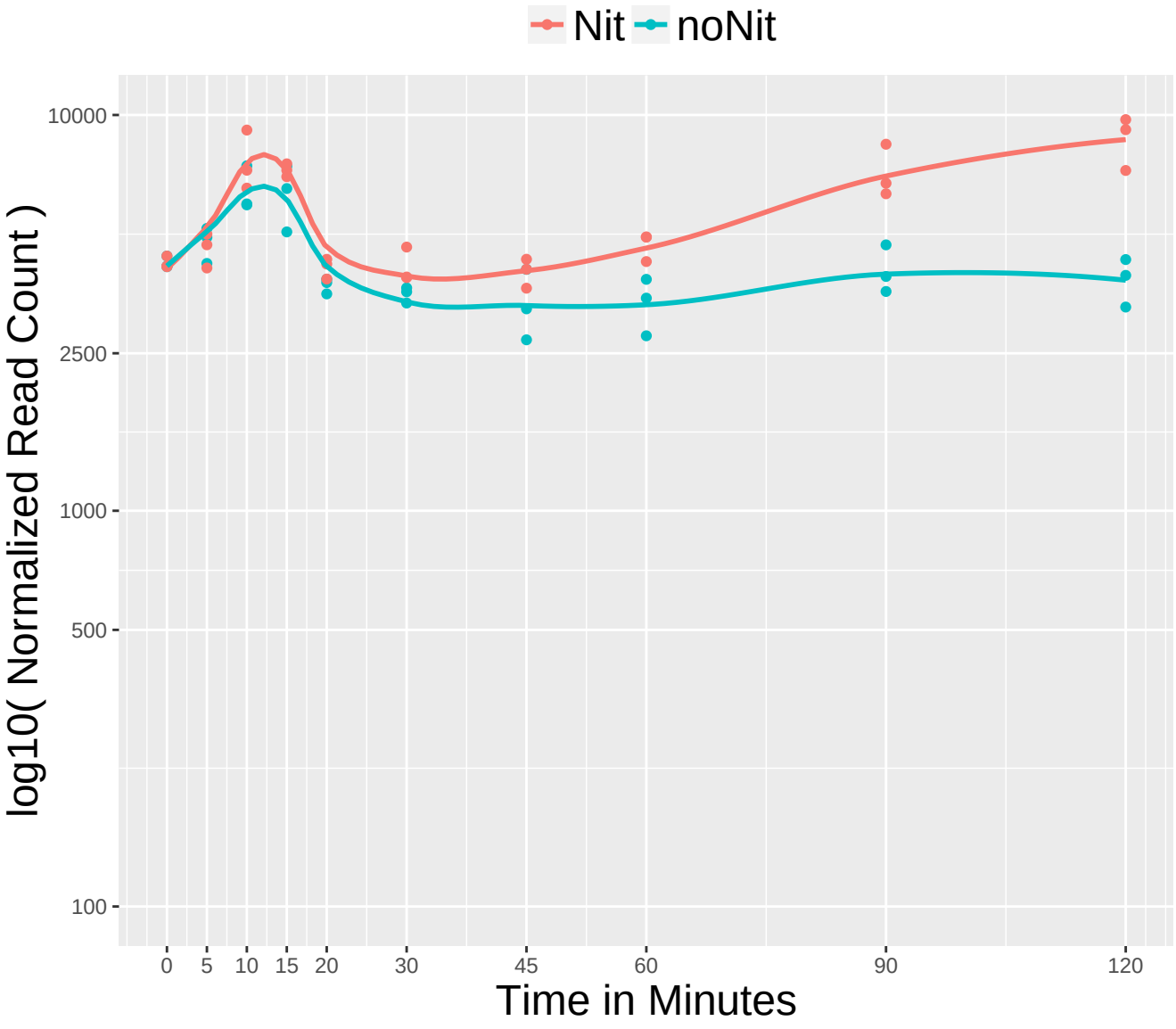

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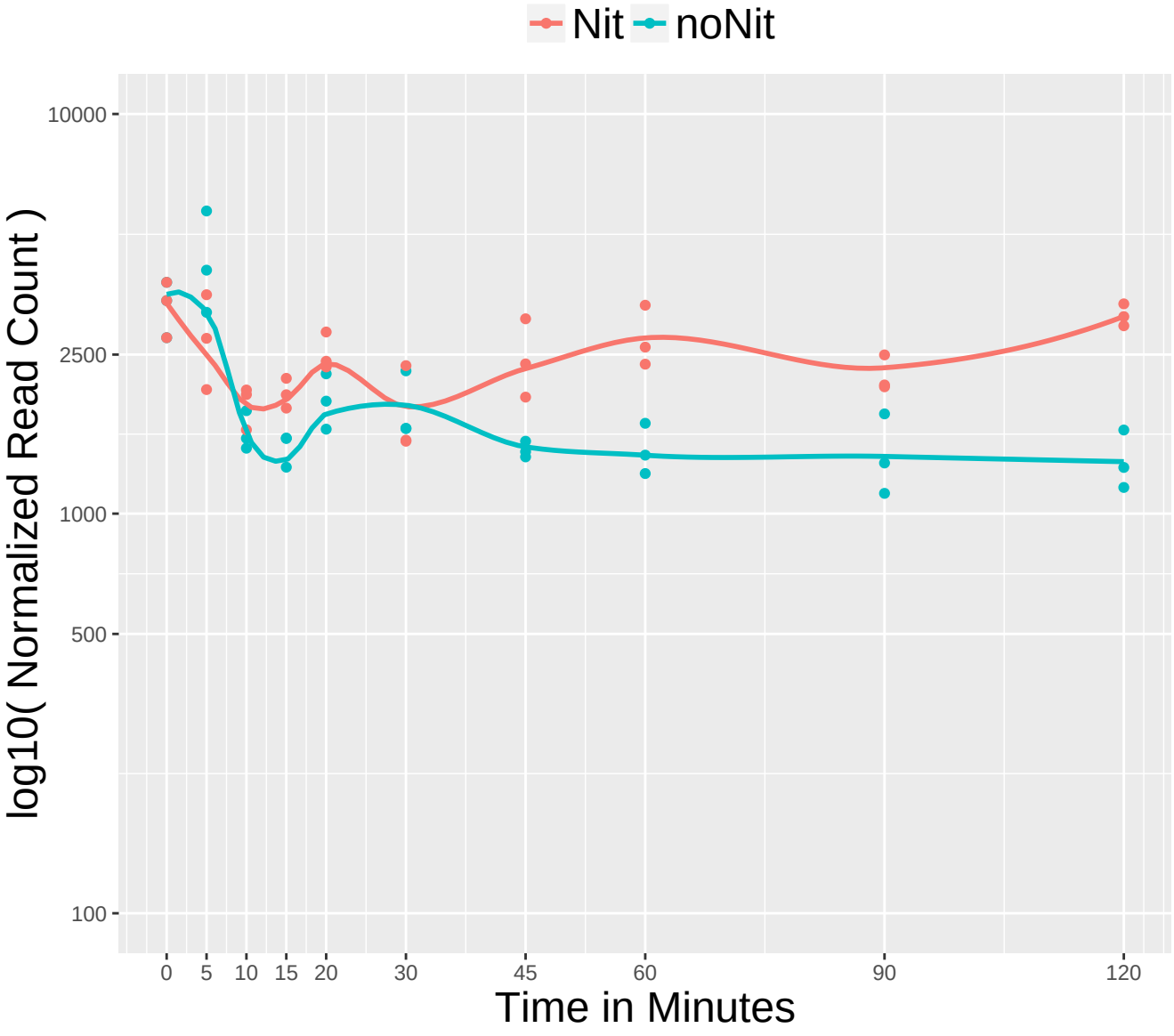
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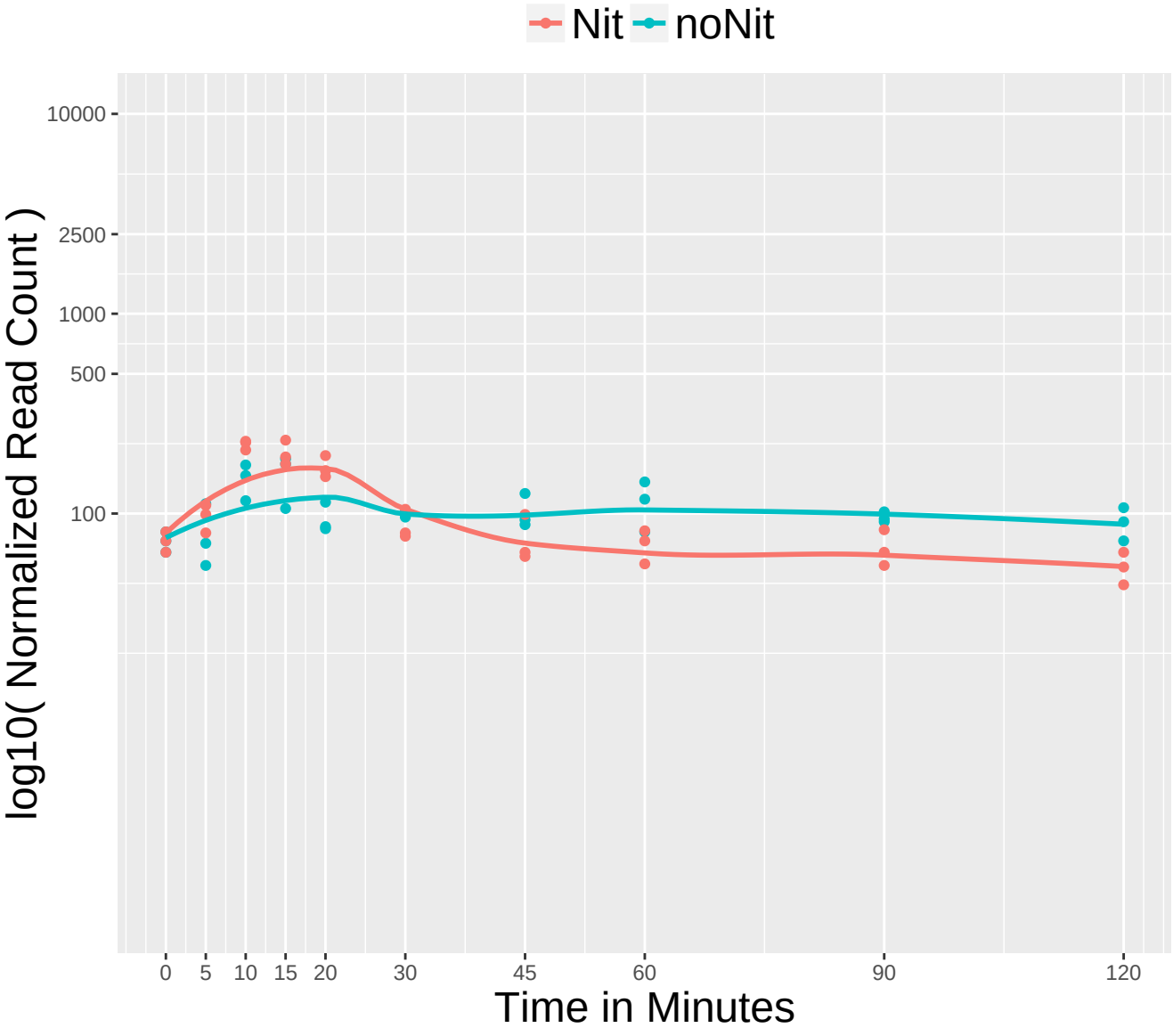
120
Time in Minutes

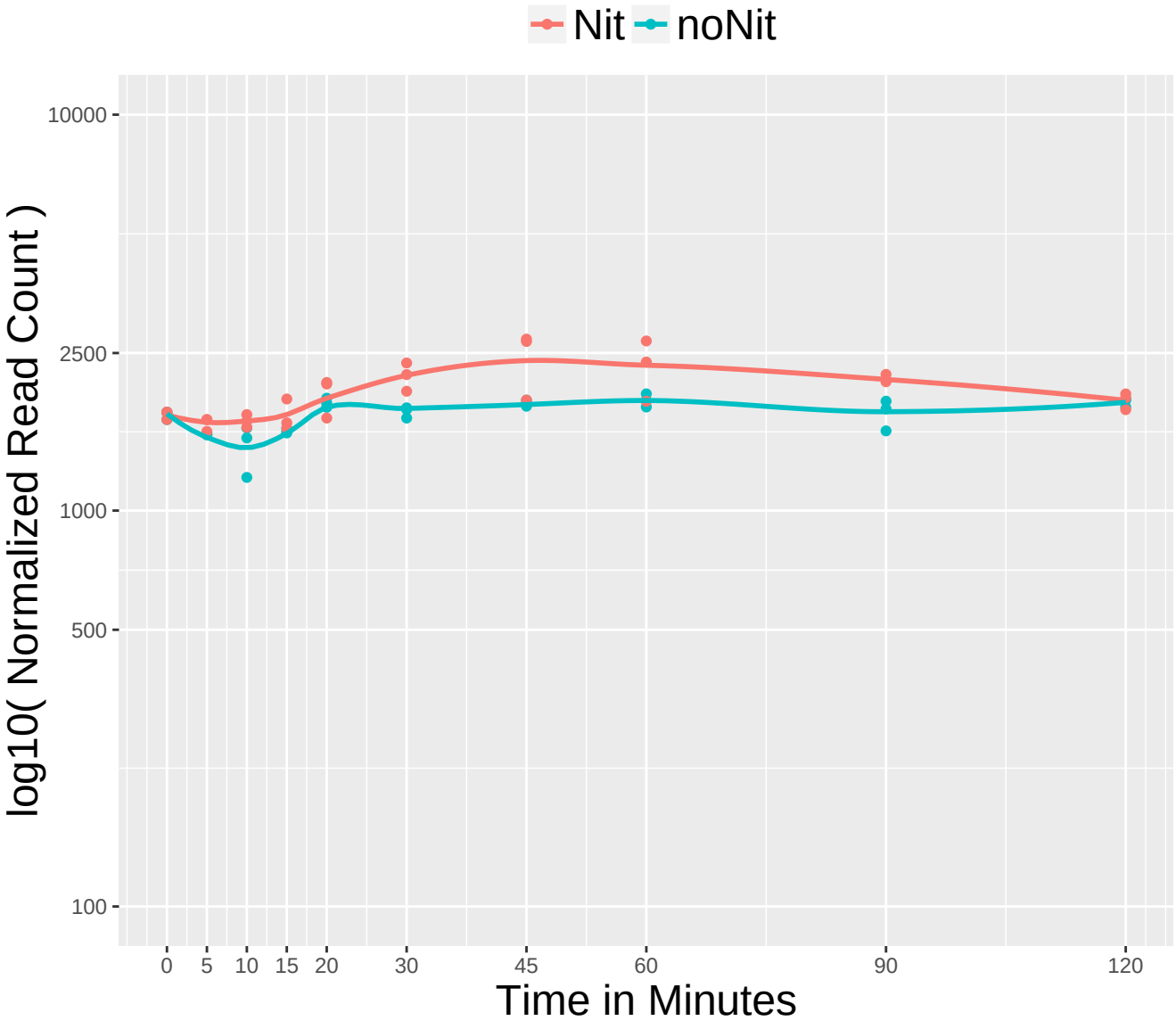
AT1G10110

F−box



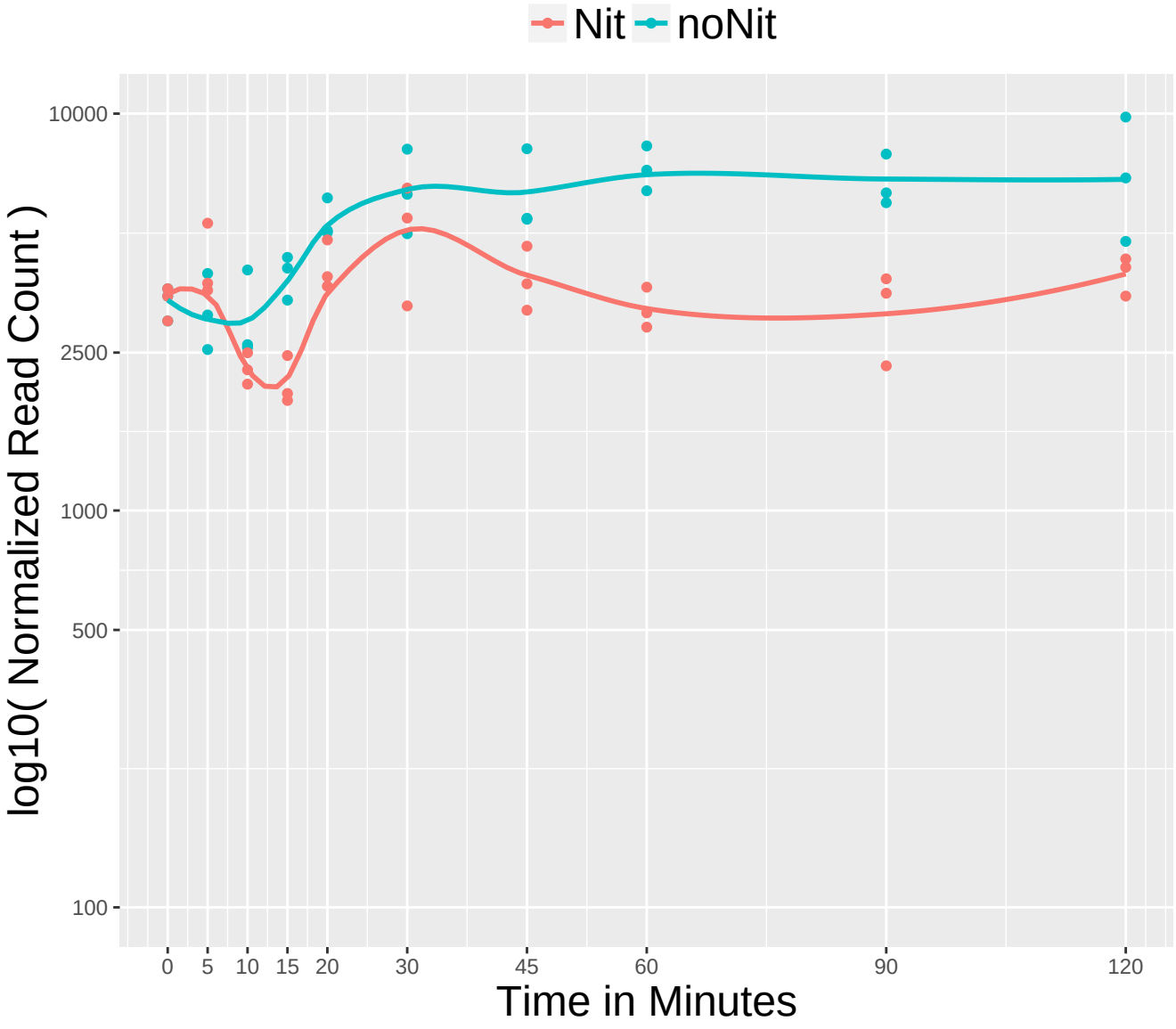
AT1G17110

UBP15,ubiquitin−specific



AT1G21120

IGMT2,indole



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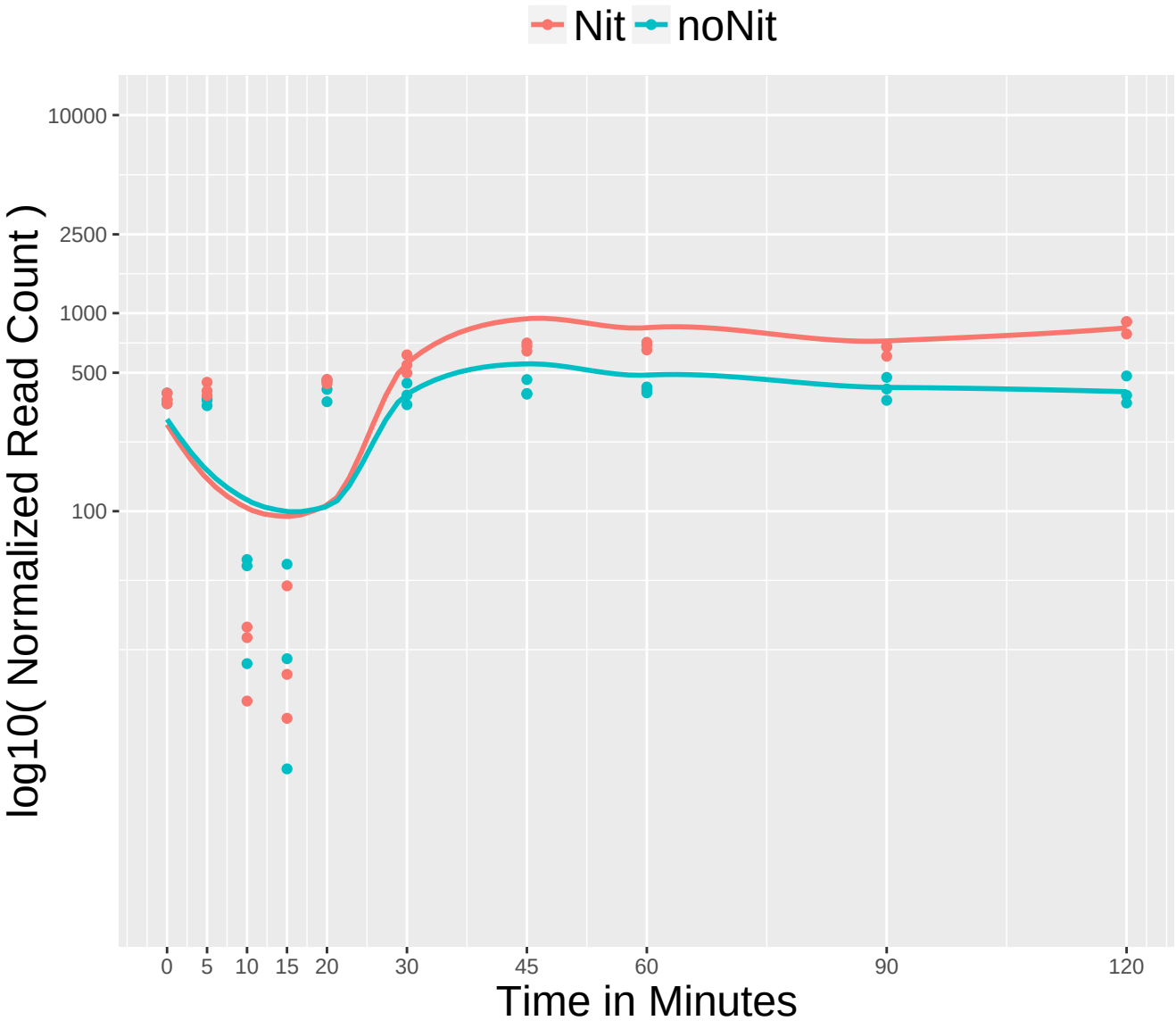
emb1273,embryo



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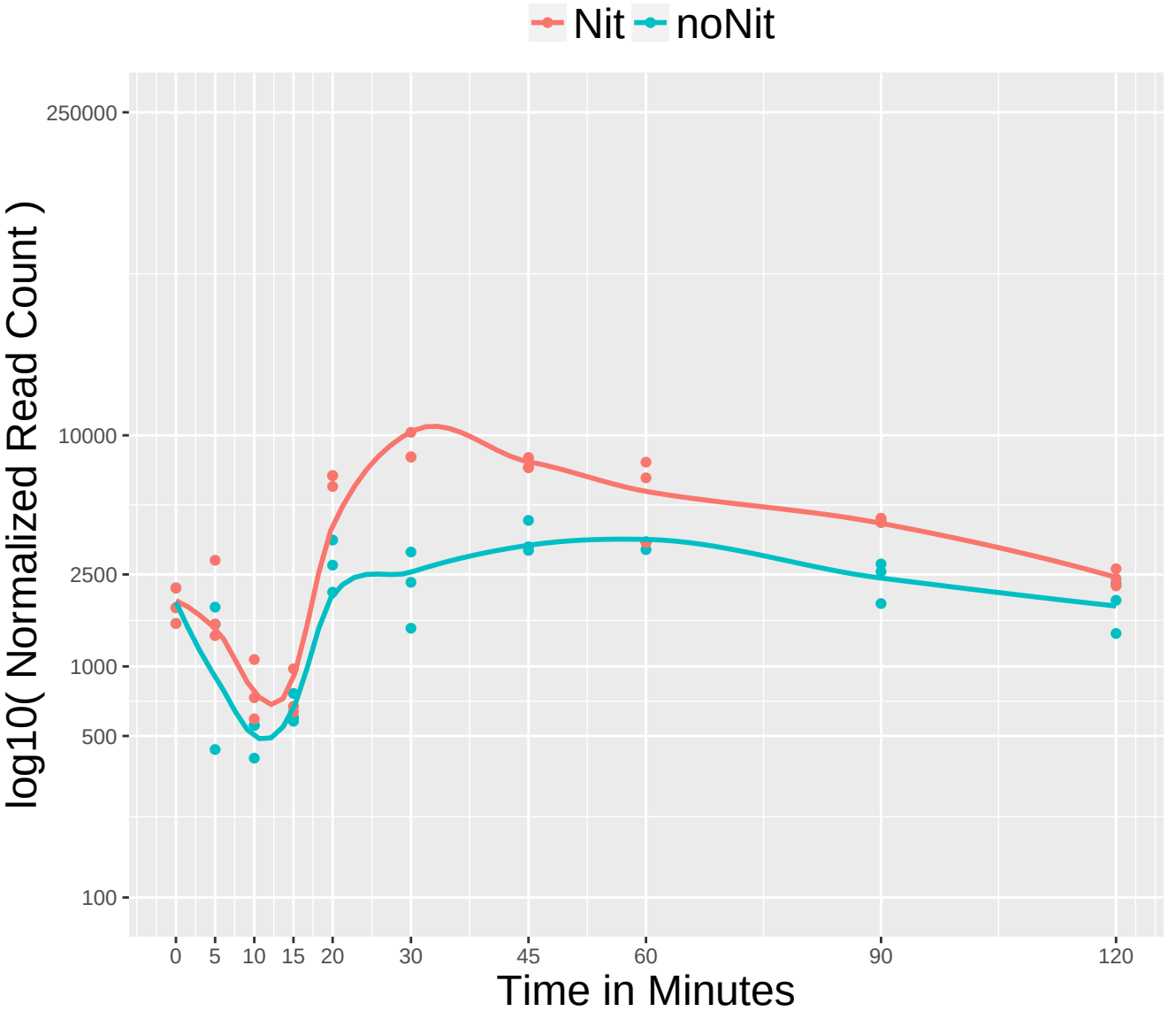
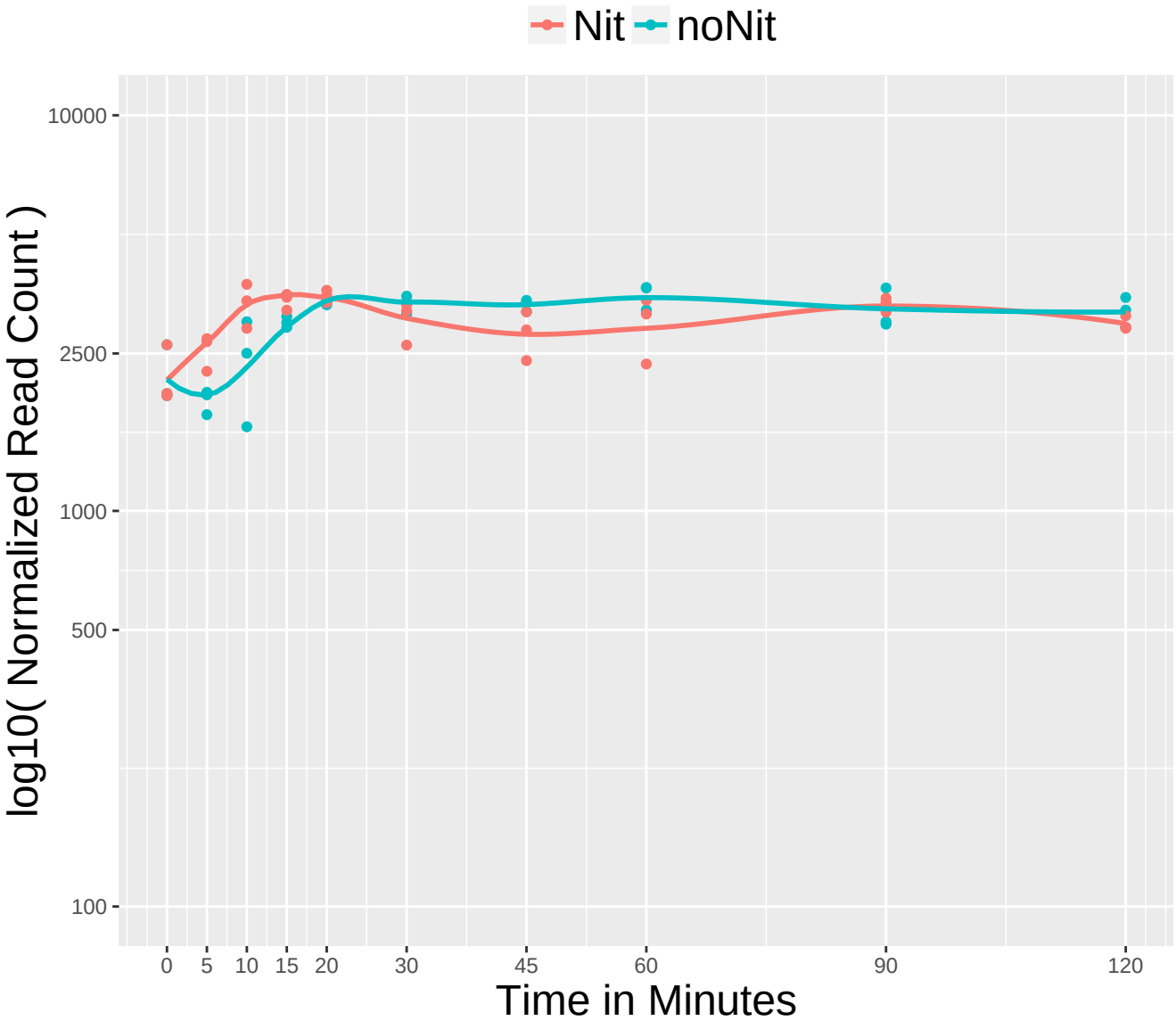
UMAMIT36,Usually



AT2G33630

NAD(P)−binding



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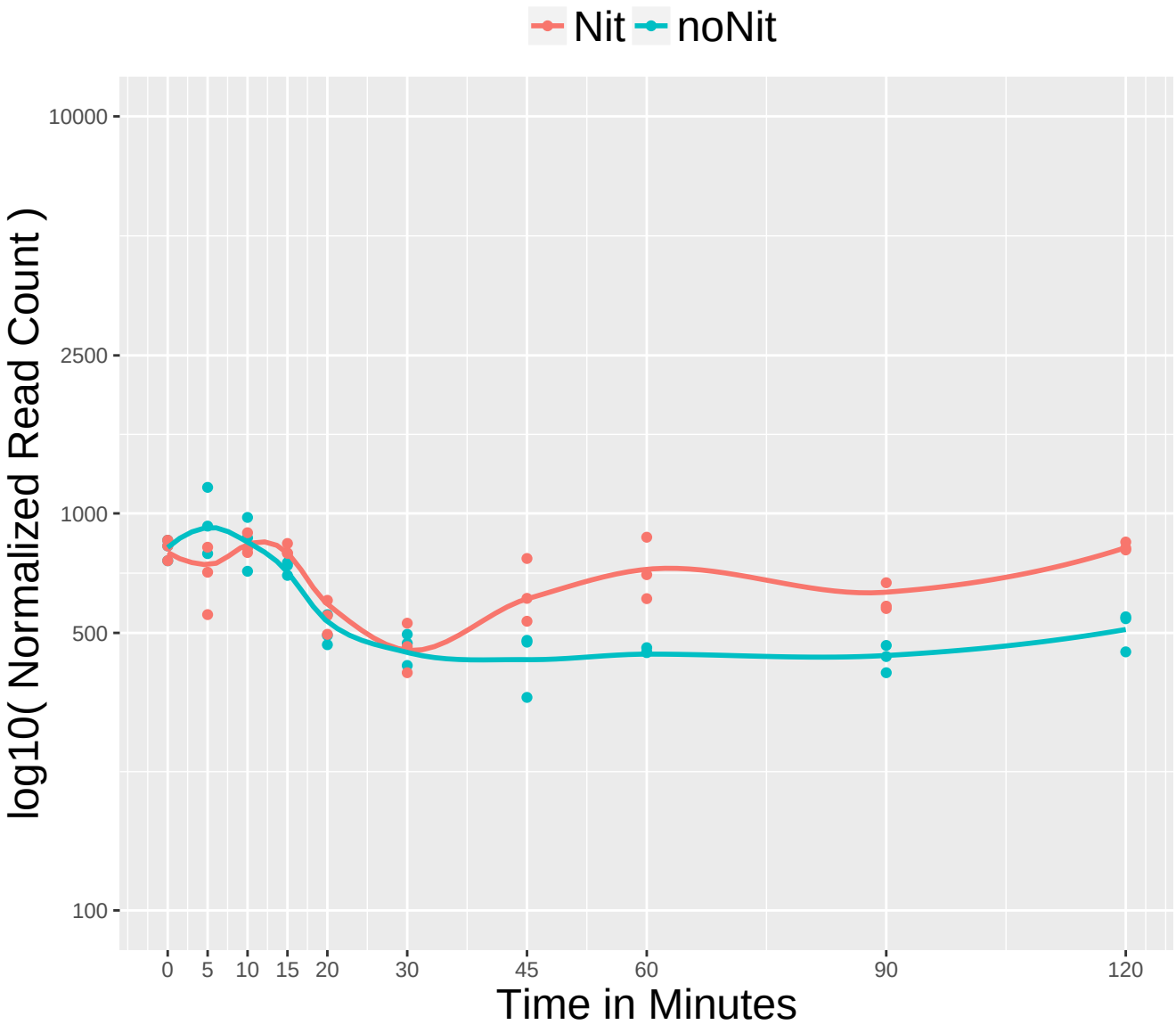
MEE21,maternal



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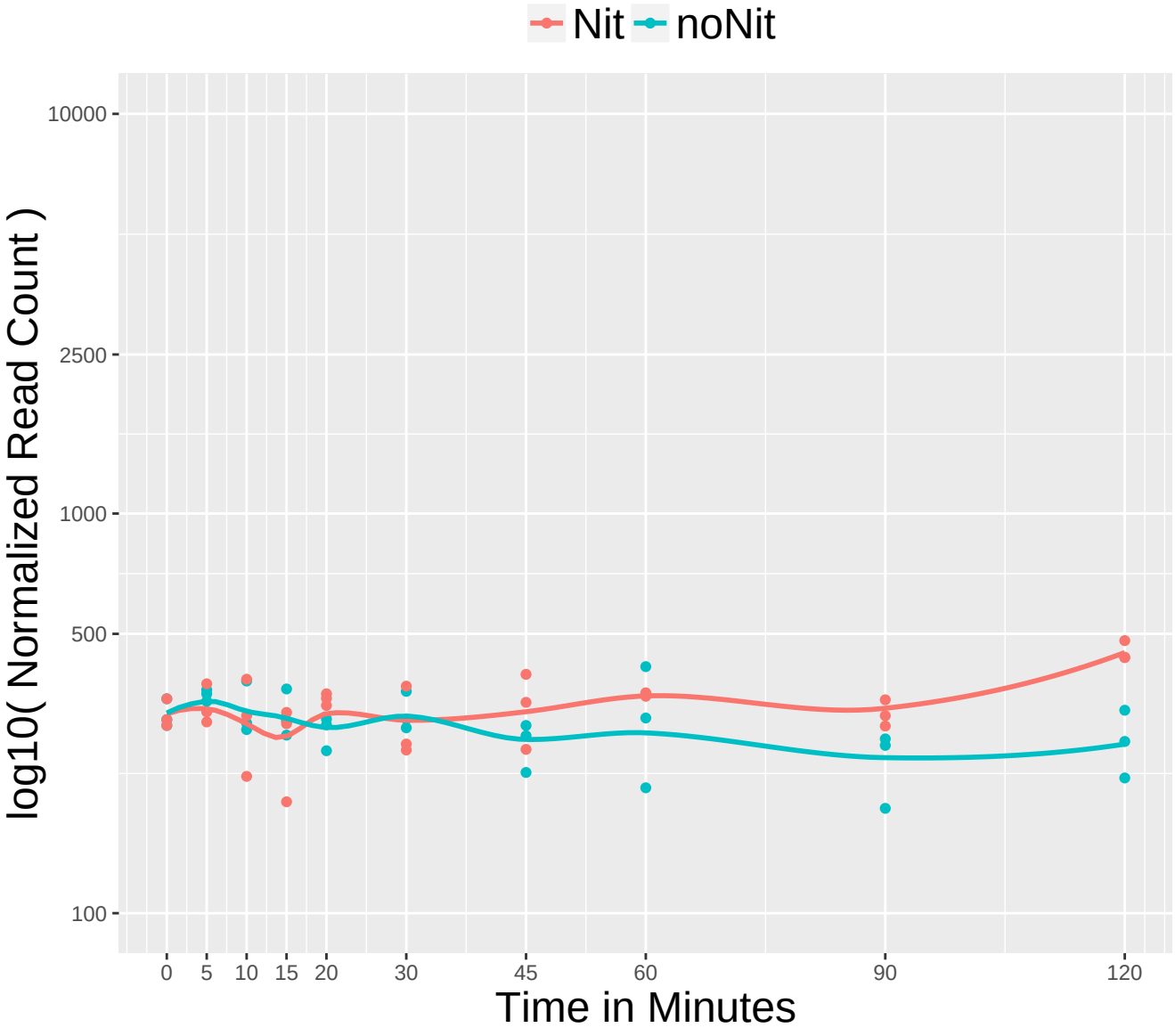
Mitochondrial



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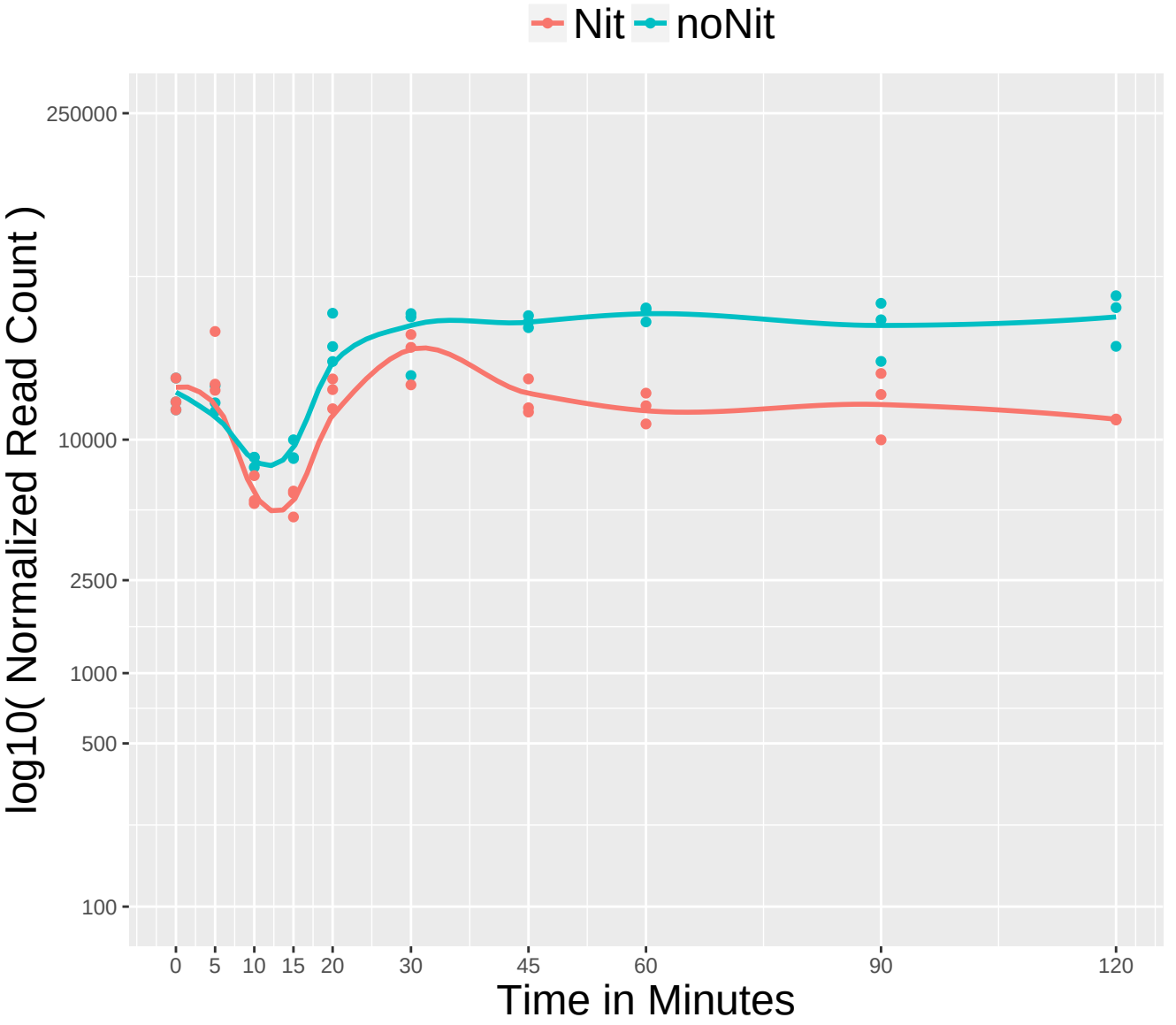
F6'H1



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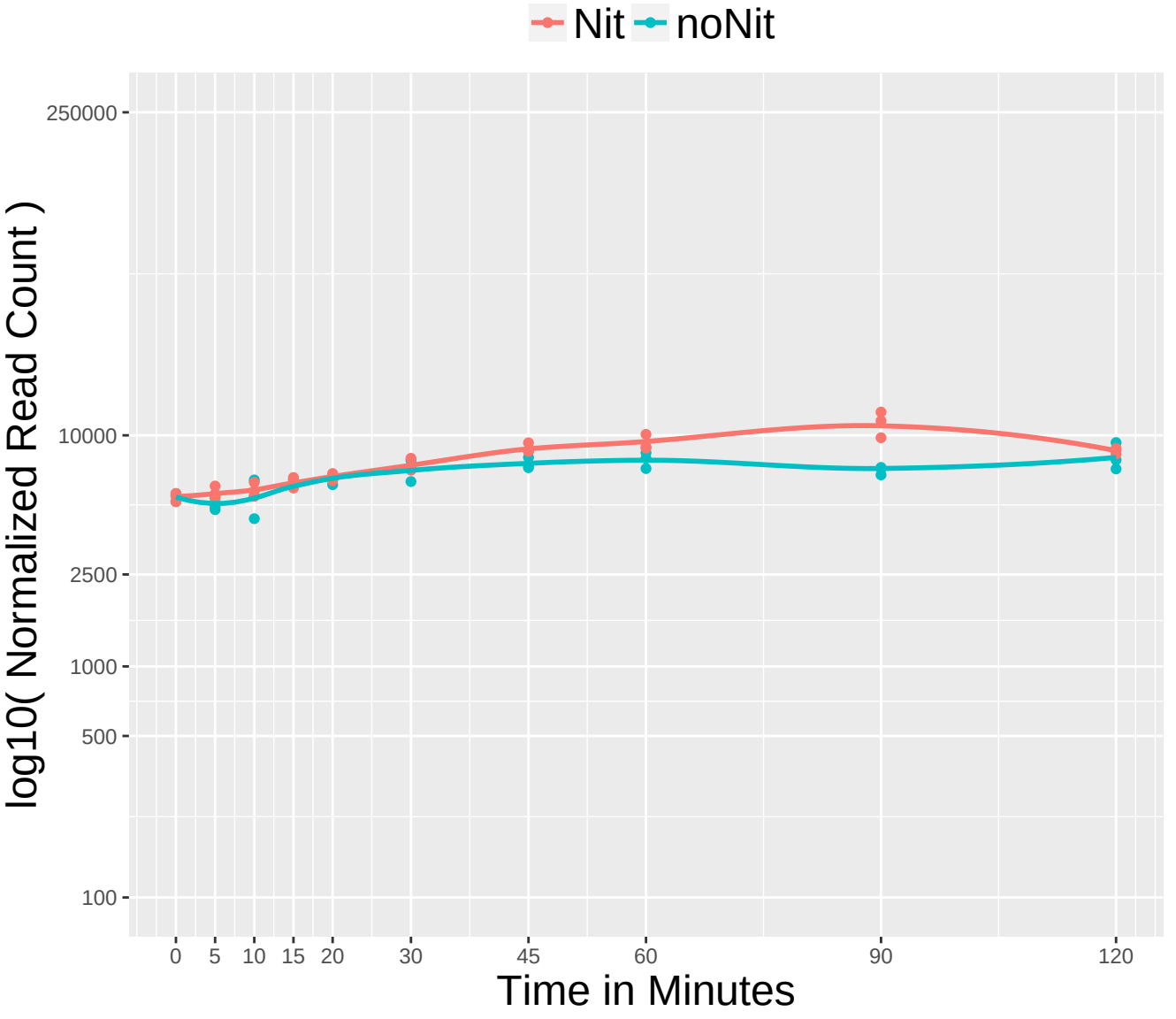
Dihydrolipoamide



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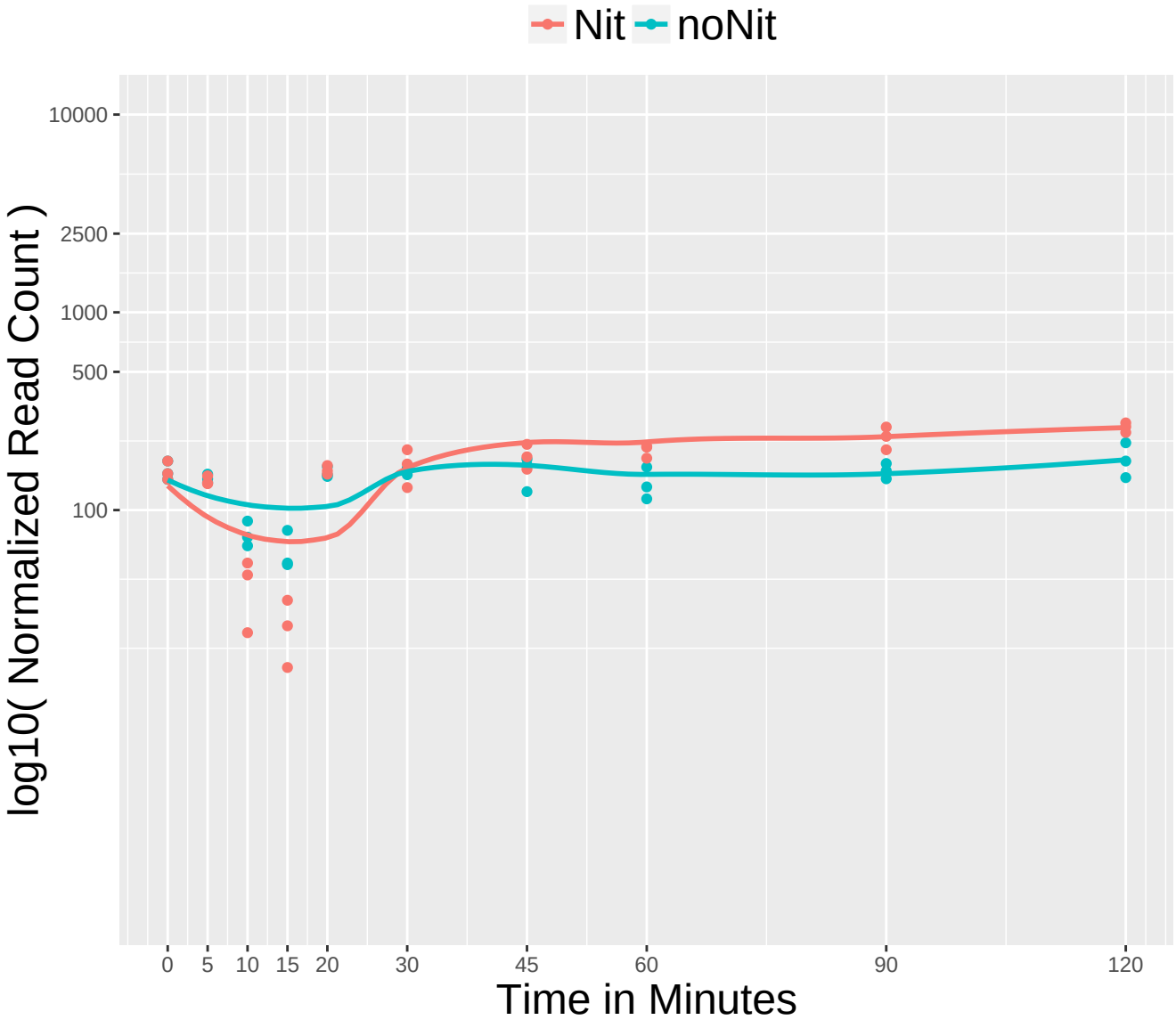
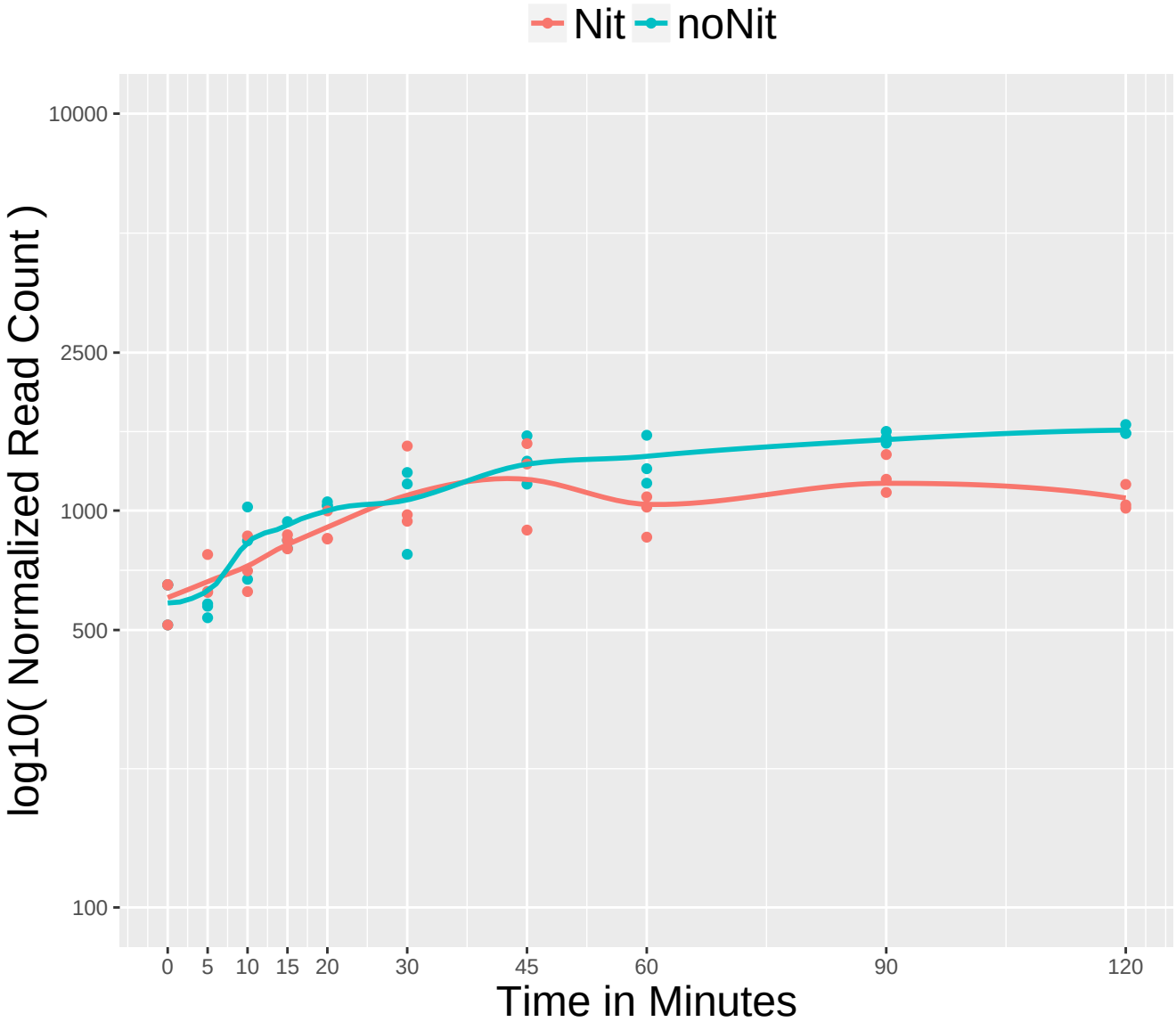
Pentatricopeptide



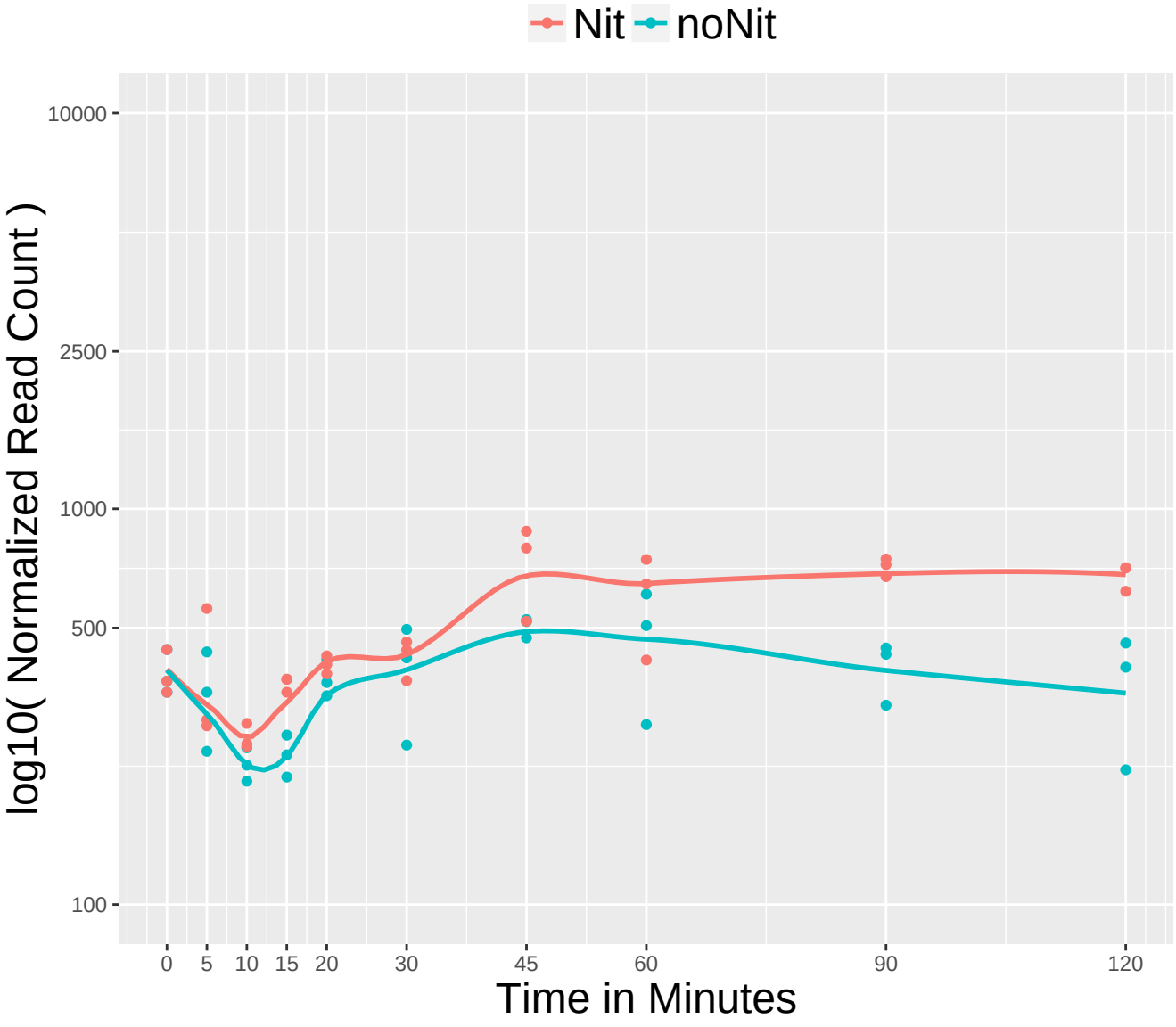
AT3G27020

AtYSL6,,YSL6,YELLOW



AT4G03440

Ankyrin



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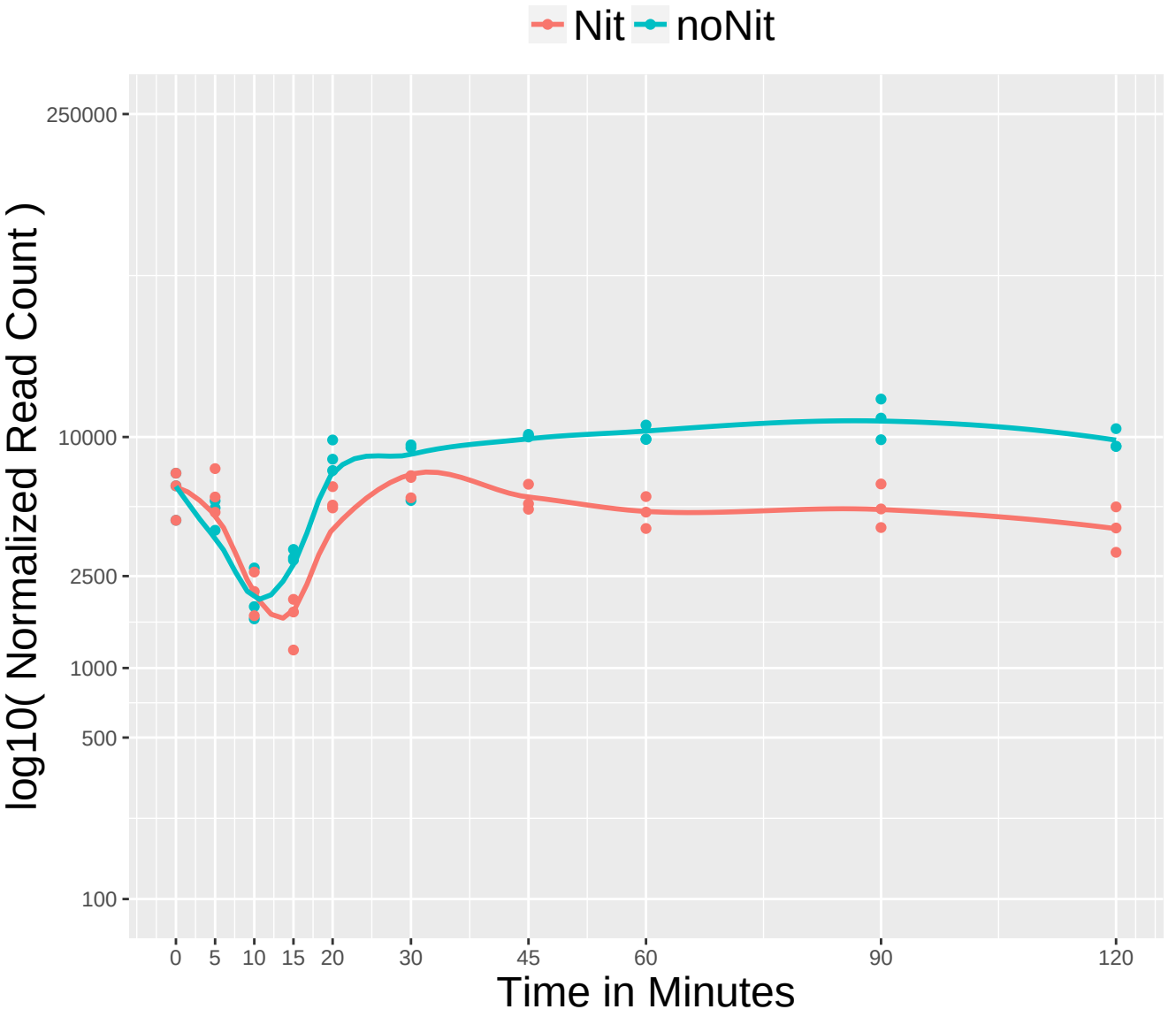
CYP702A5,"cytochrome



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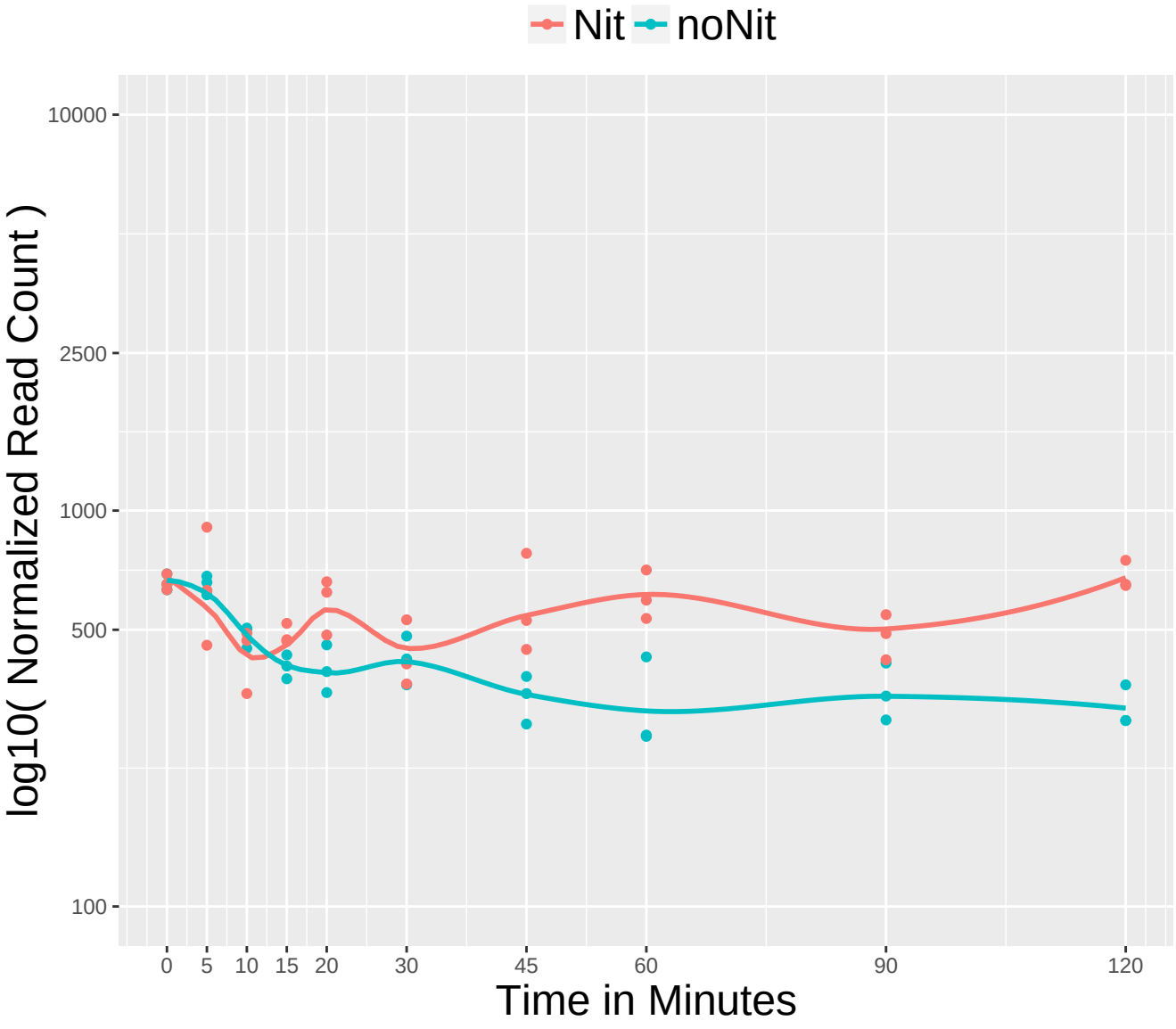
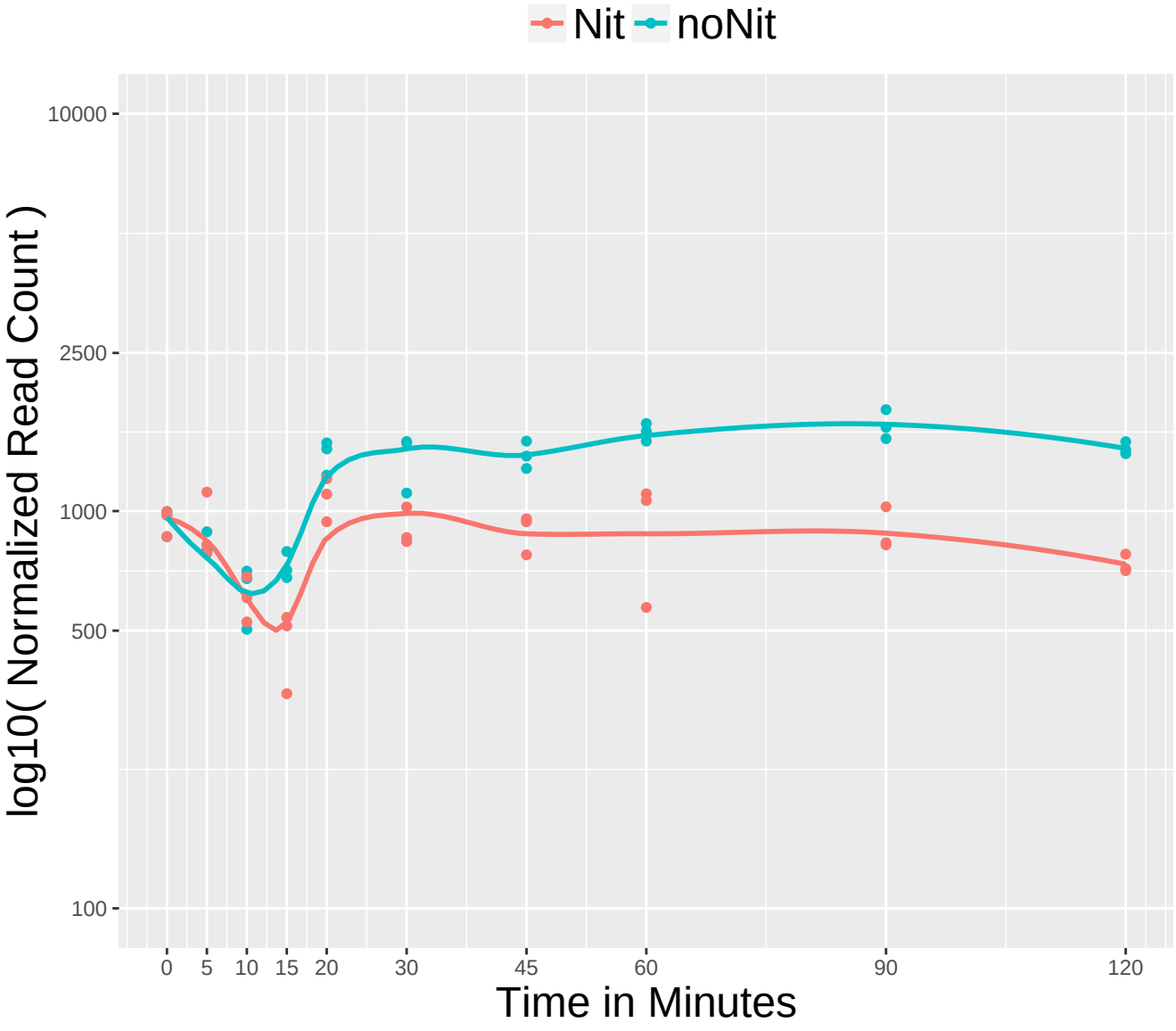


AT4G30520

SARK,SENESCENCE−ASSOCIATED



AT5G11900

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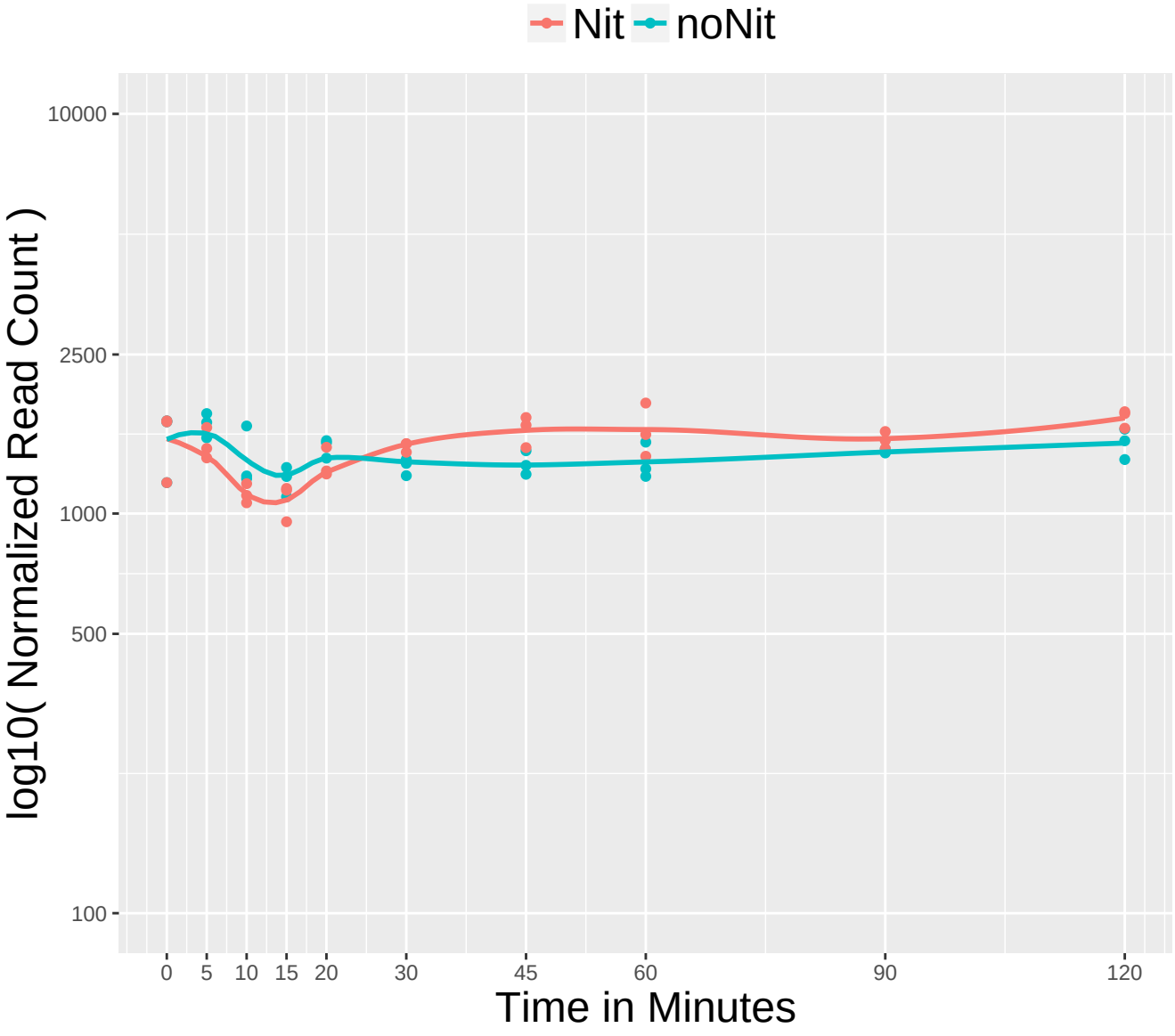

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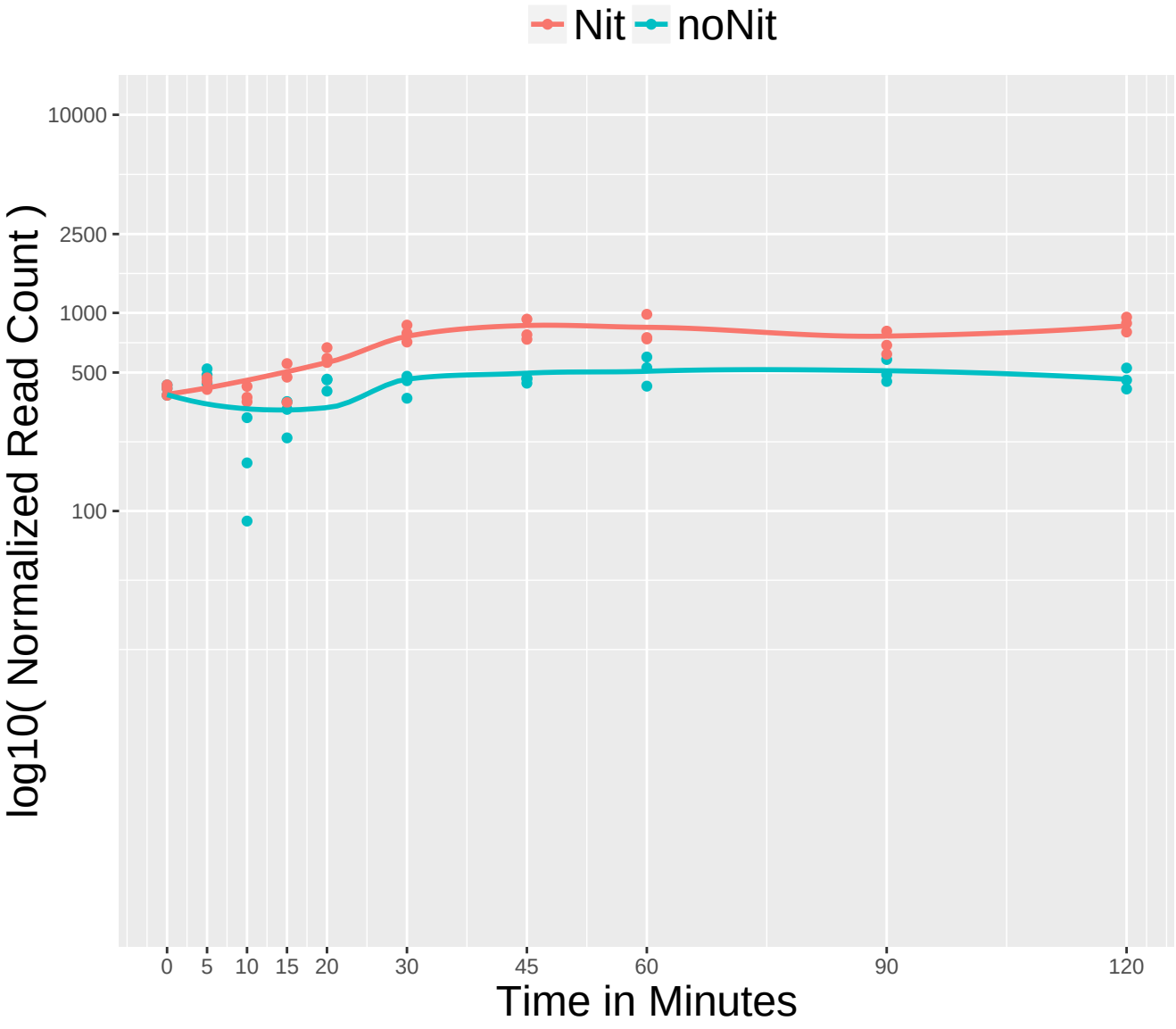
Chaperone



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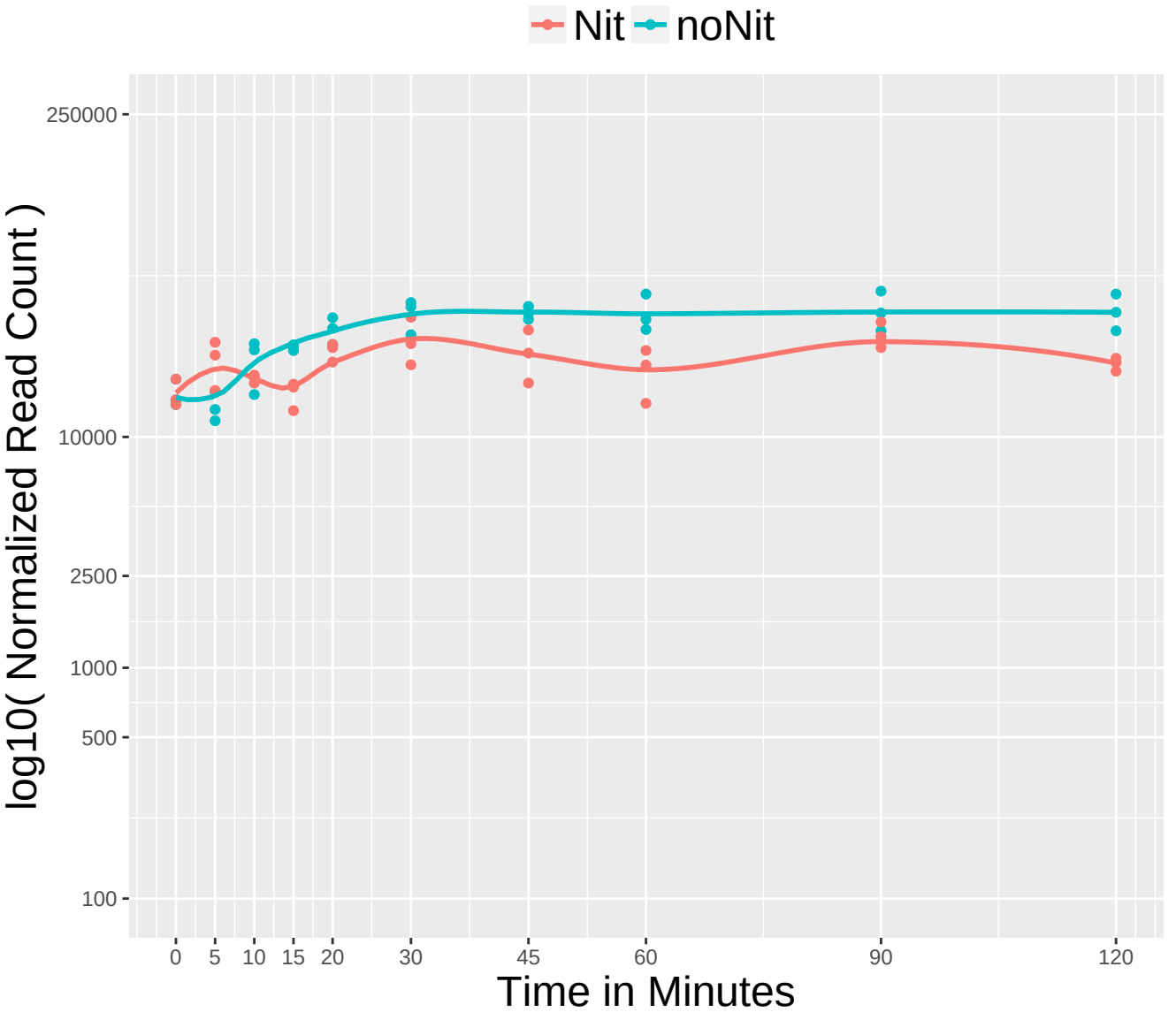
GAD,glutamate



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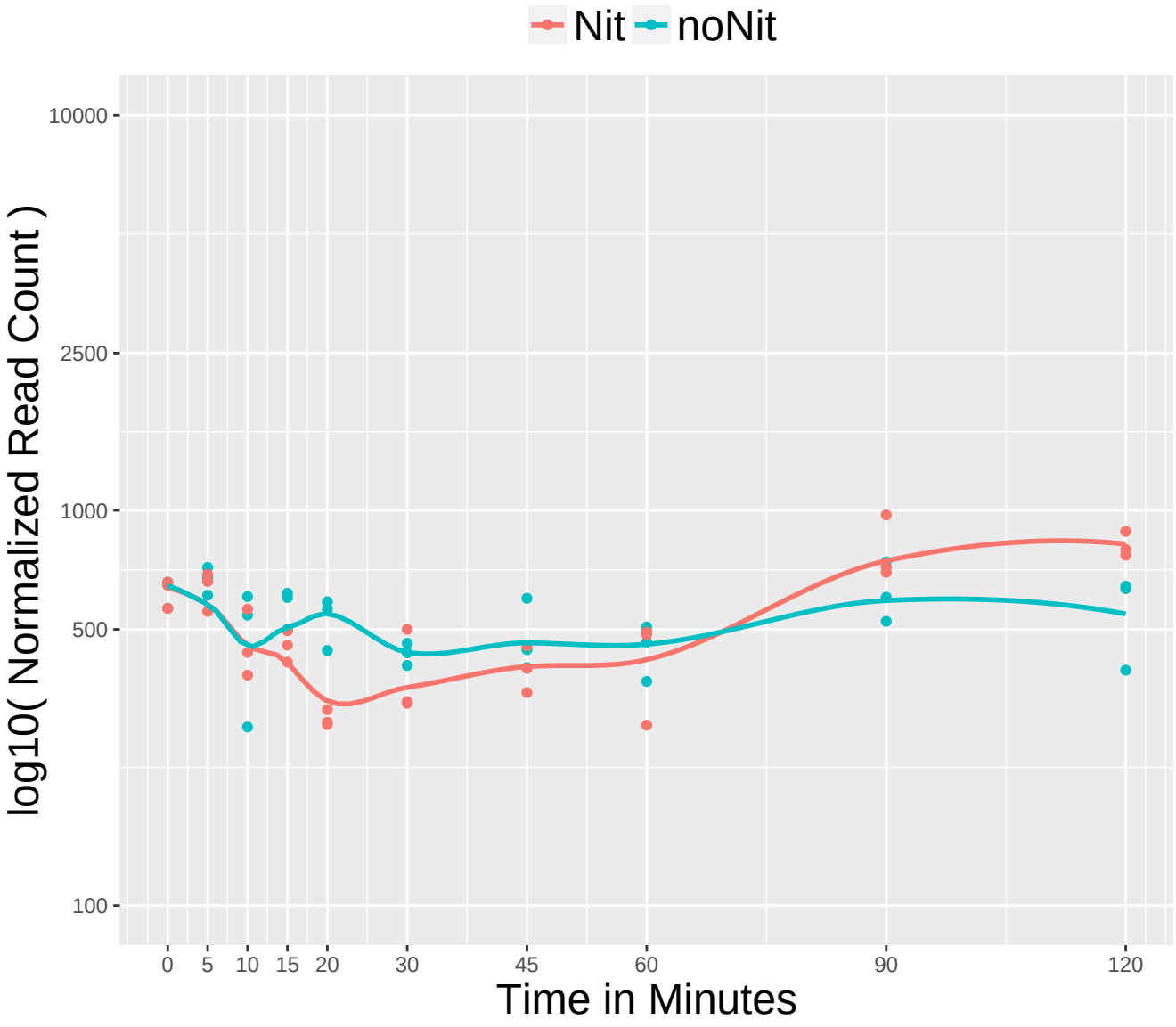
GLP6,germin−like



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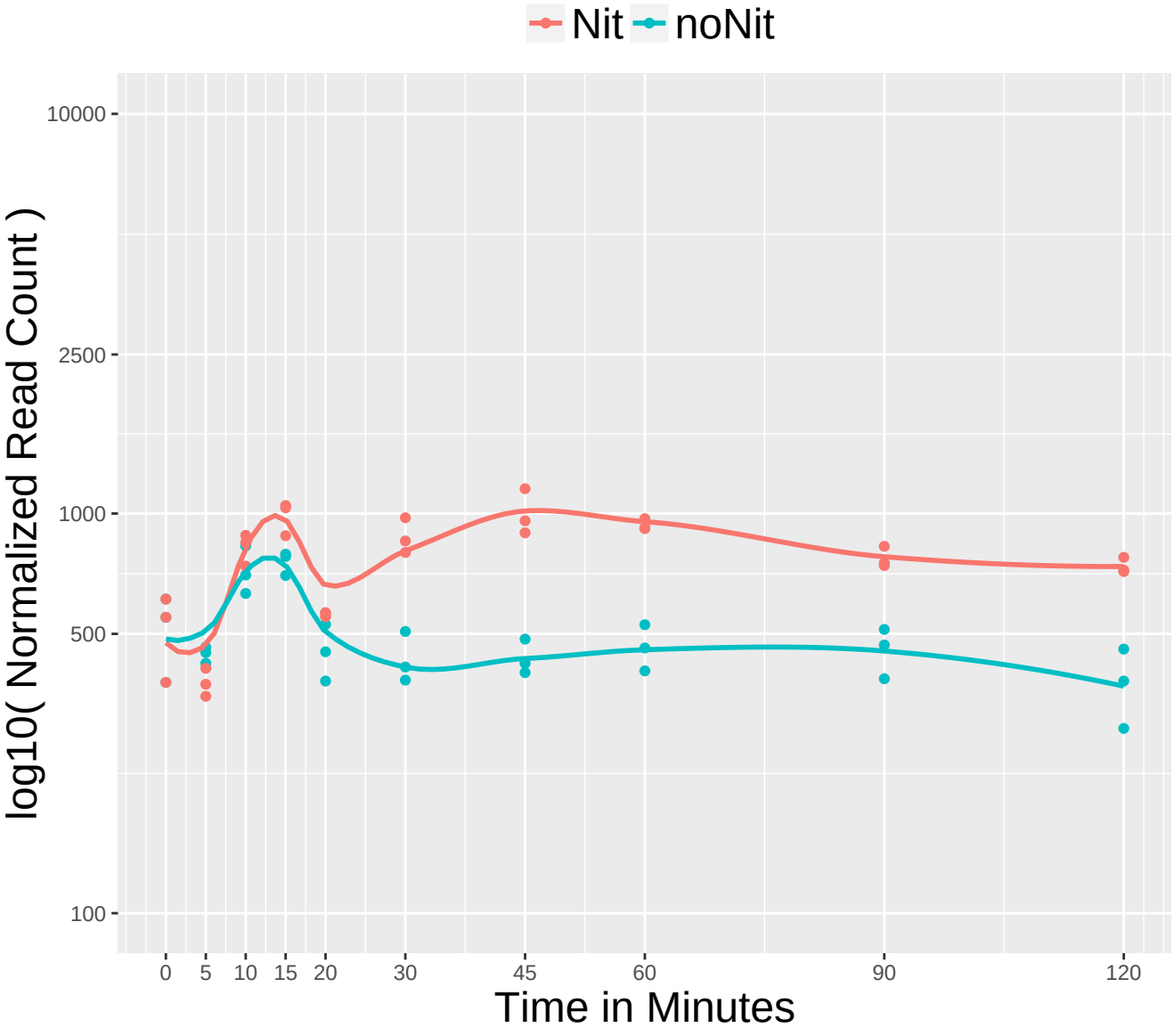

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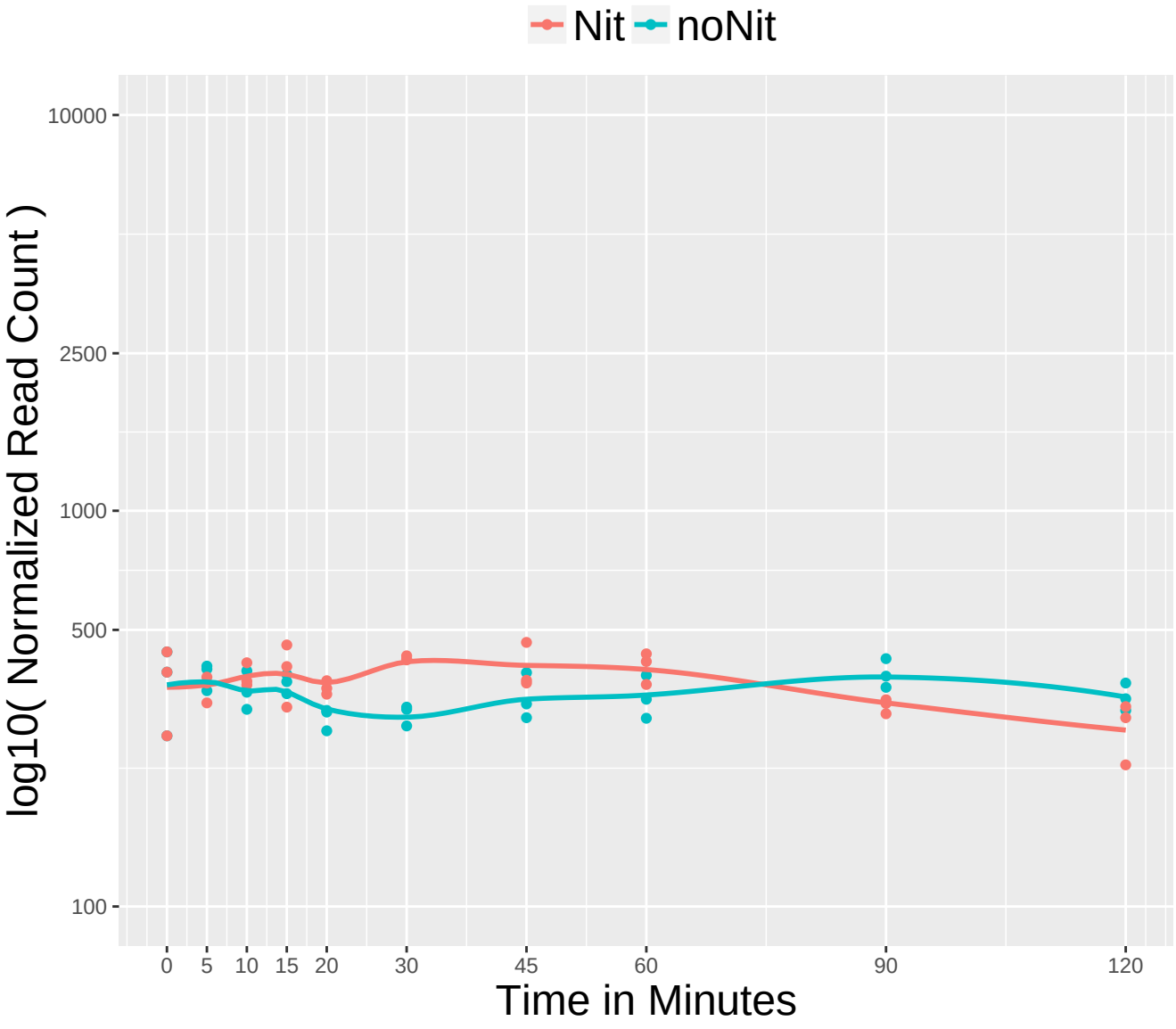
Syntaxin/t−SNARE



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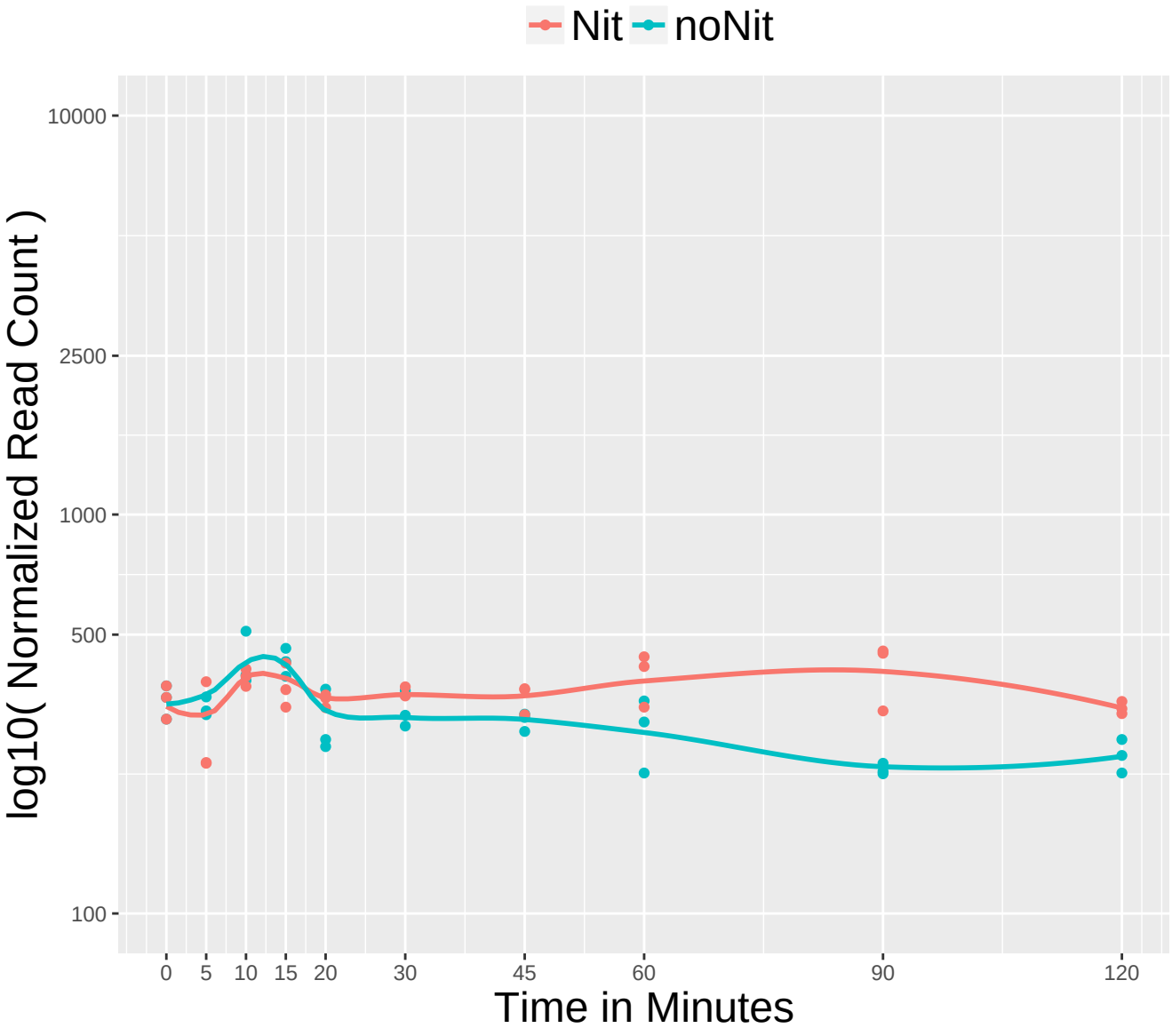
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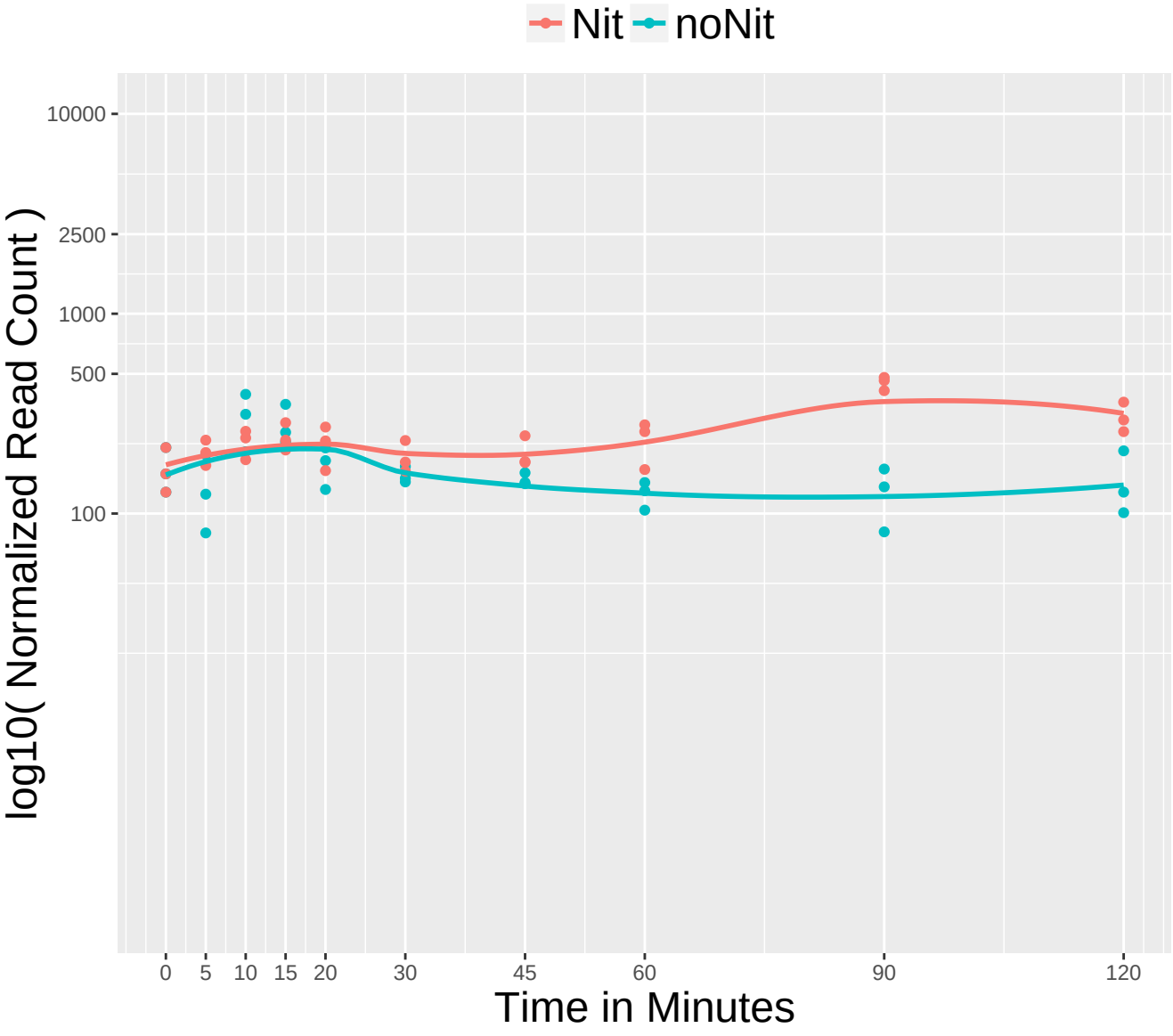
Time in Minutes

AT1G54740

Protein



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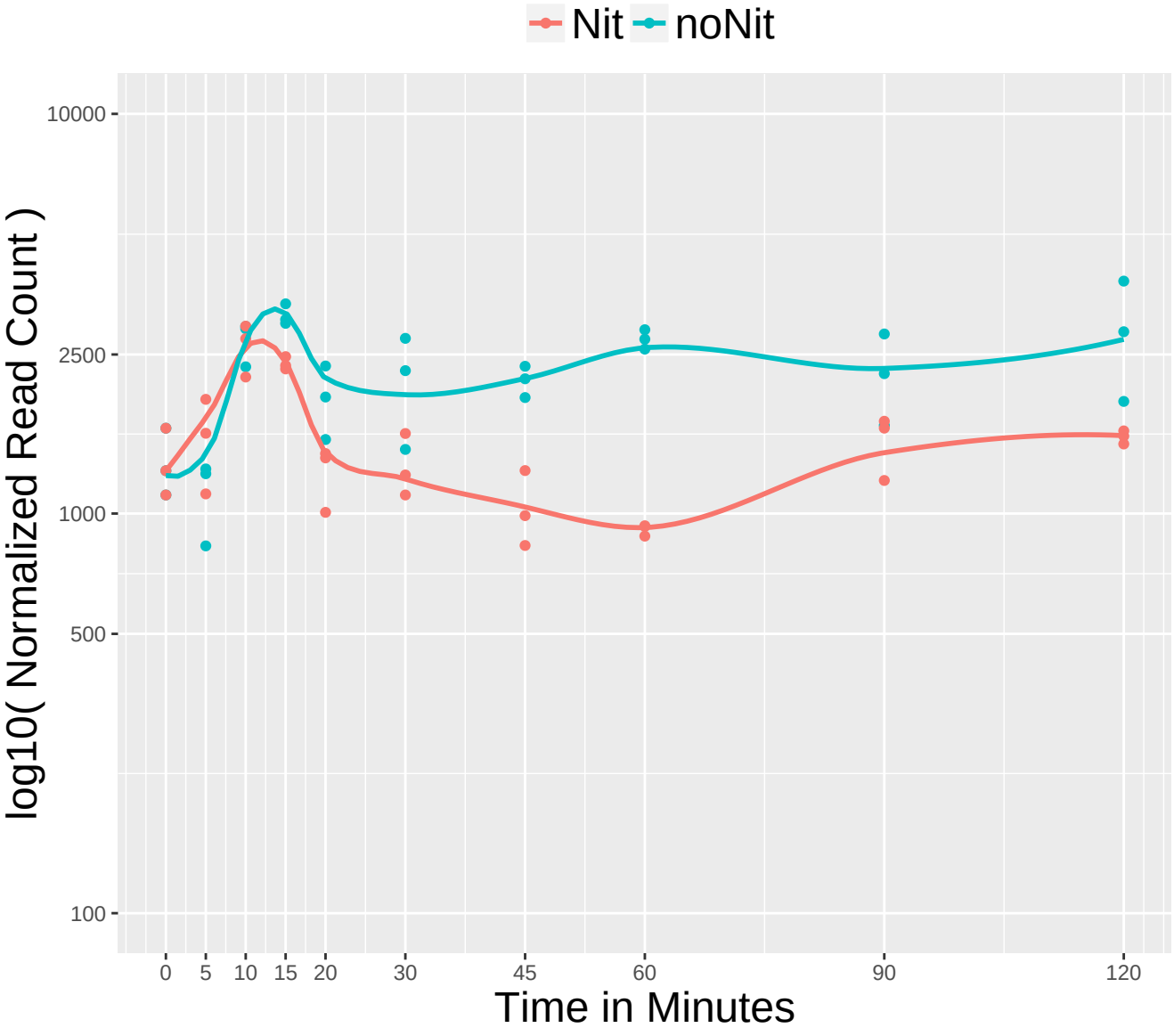
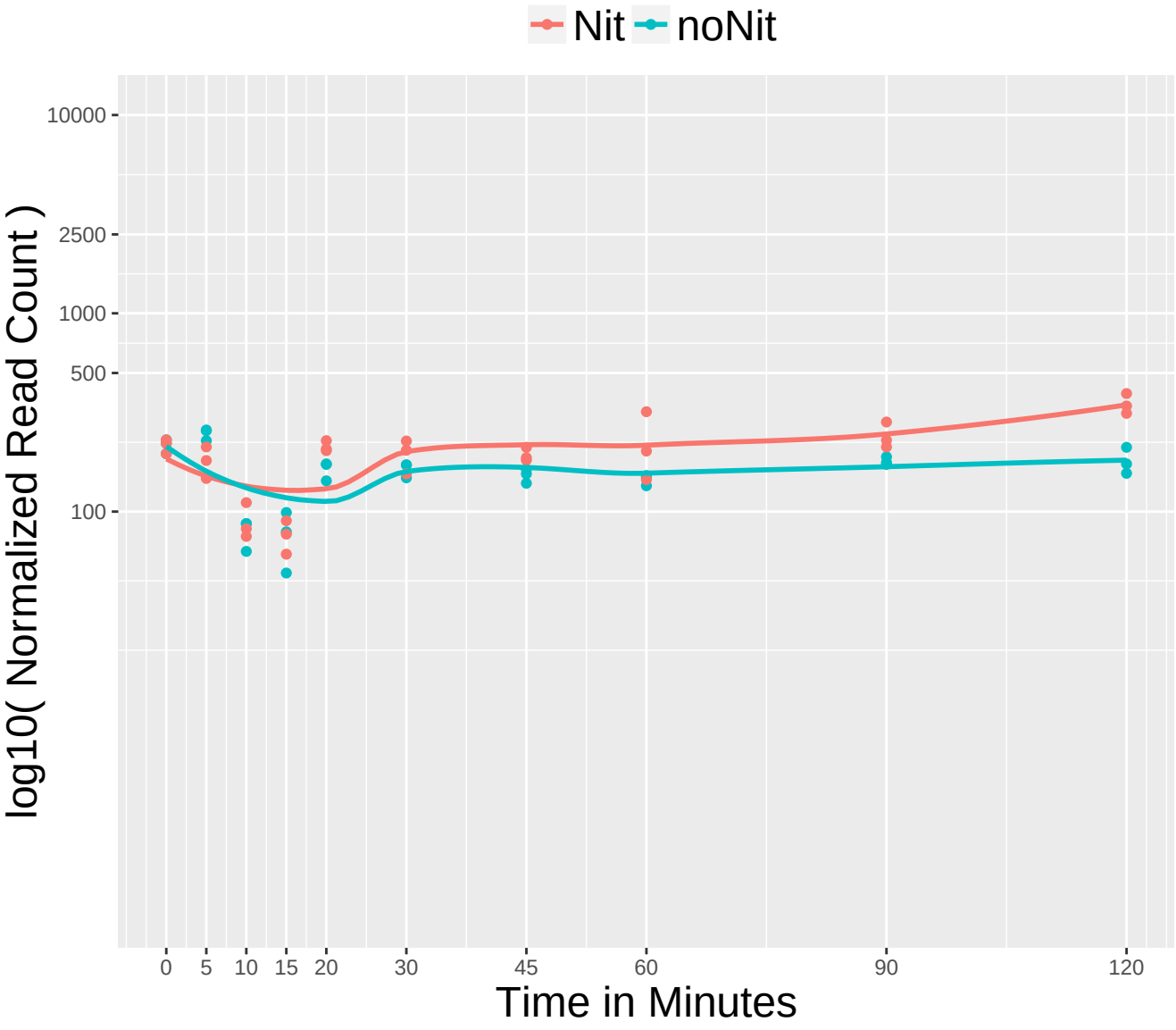
Leucine−rich



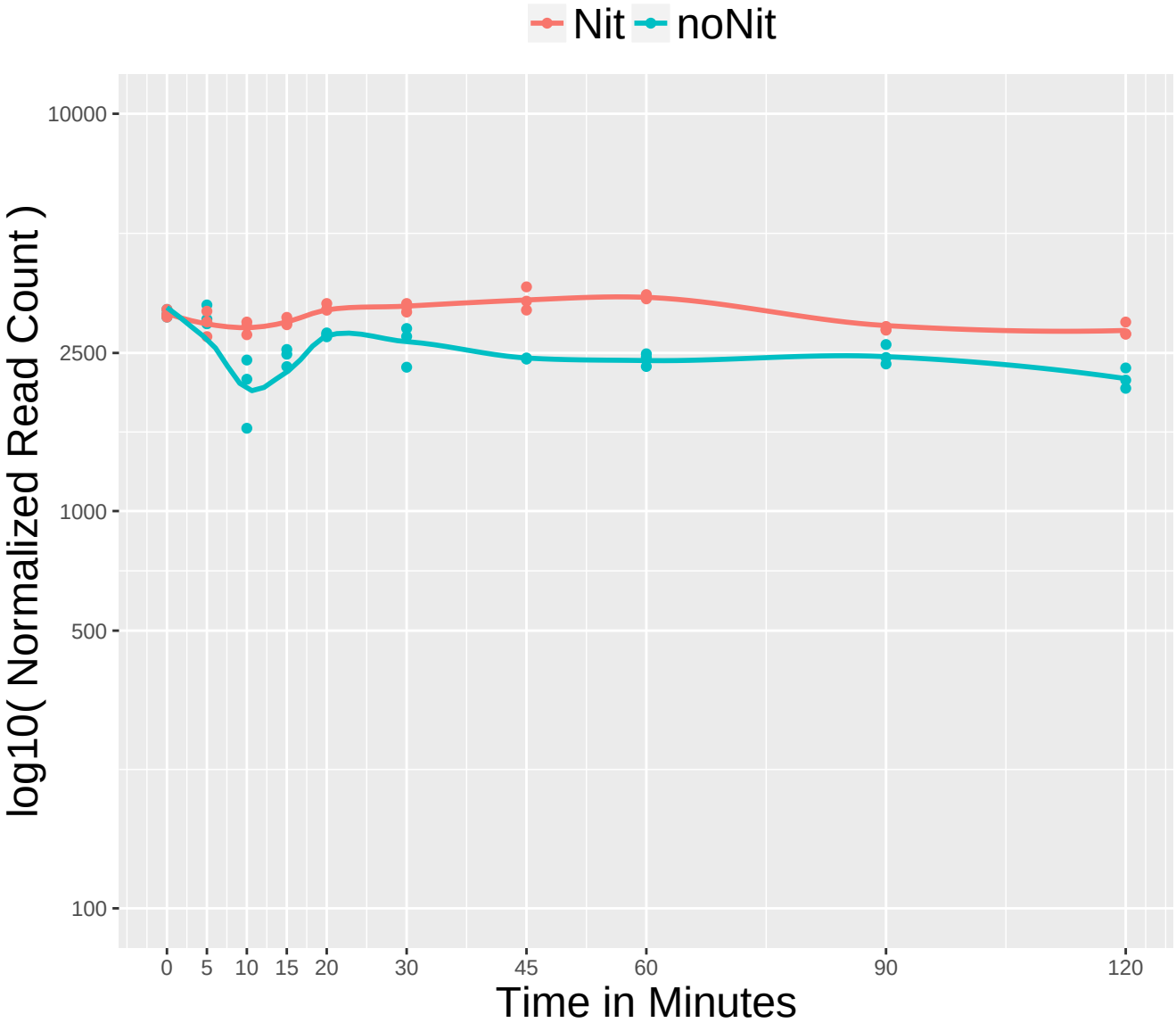
AT3G12930

Lojap−related



AT3G18990

REM39,REPRODUCTIVE



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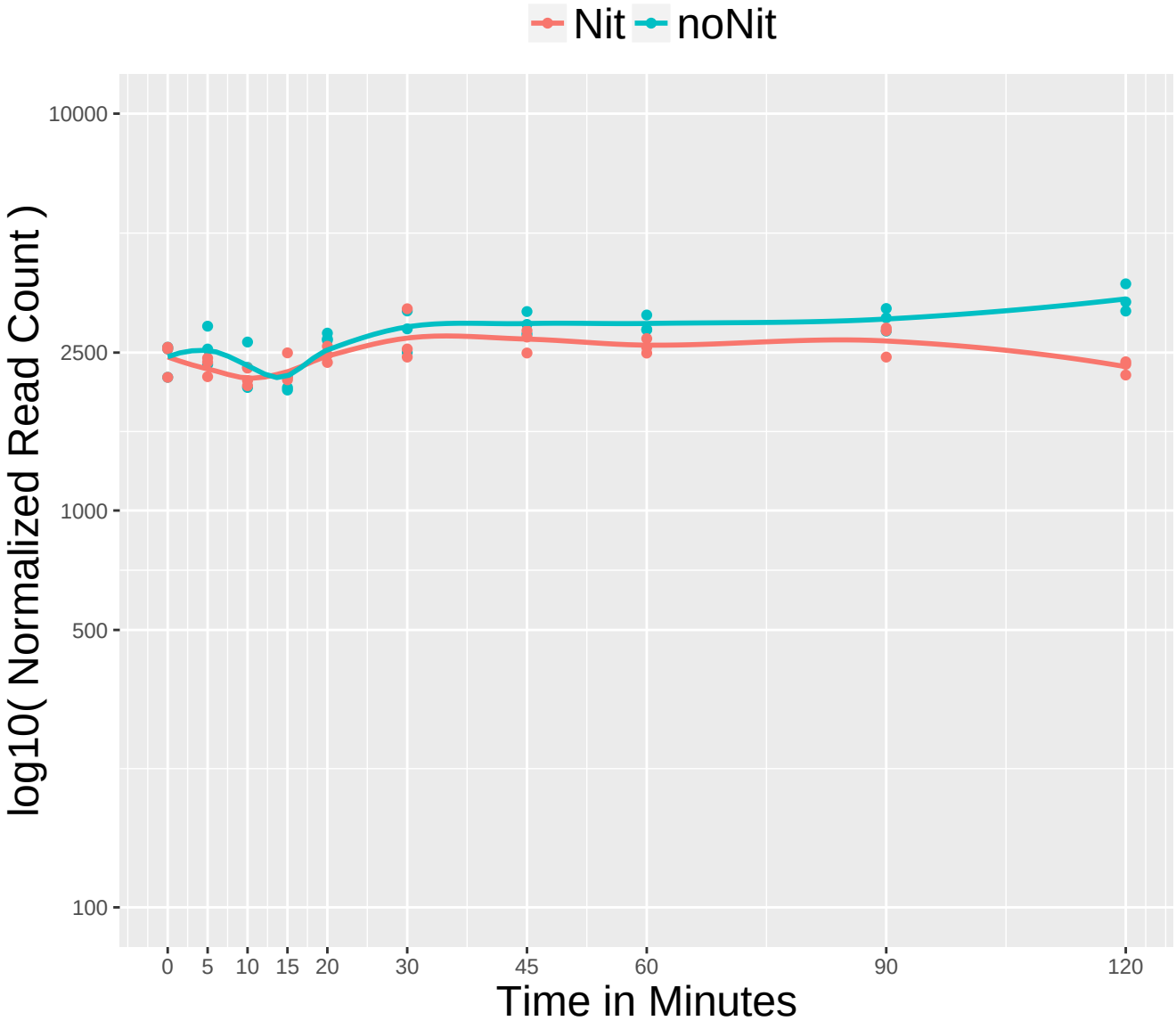
RHD4,ROOT



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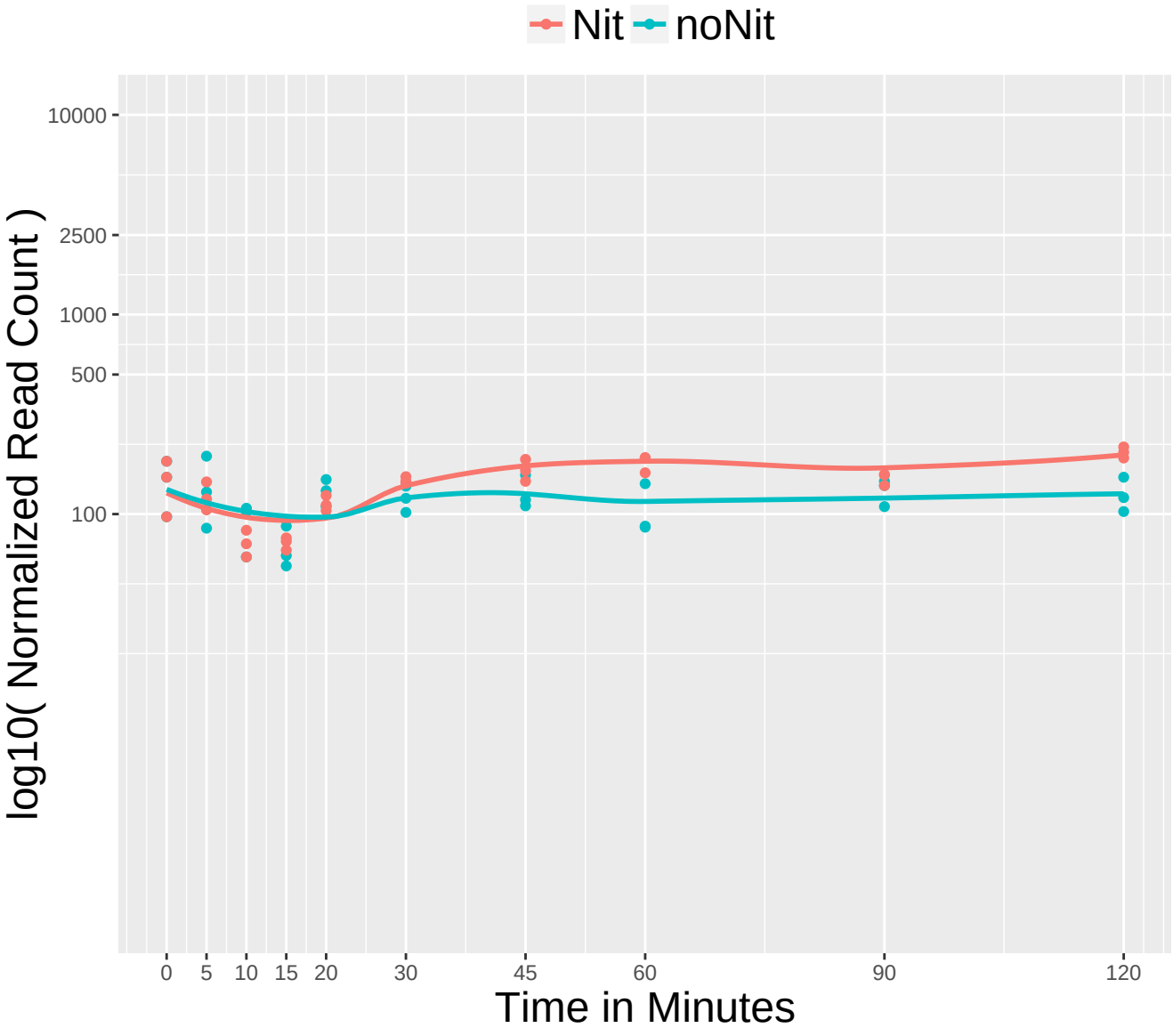

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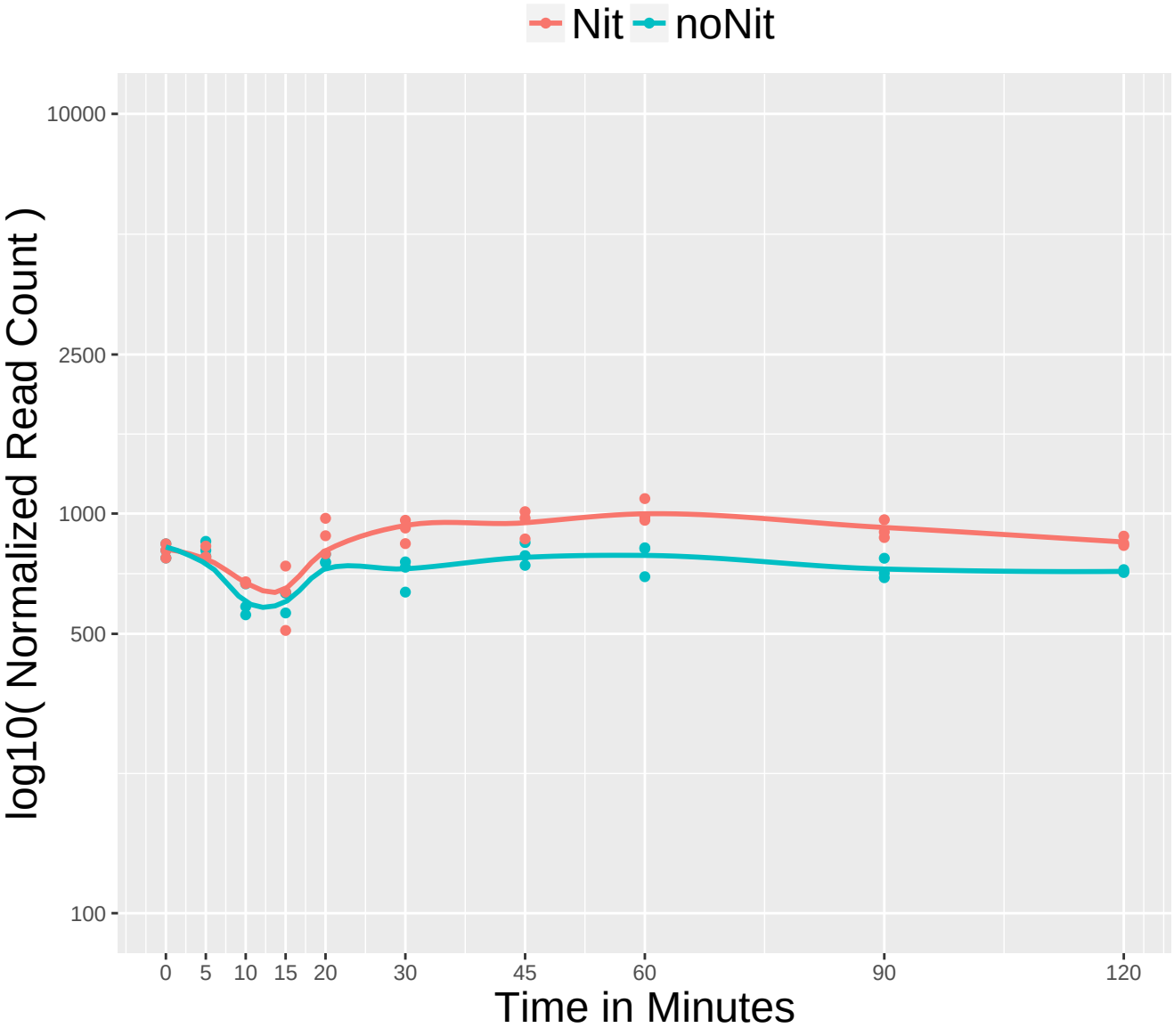

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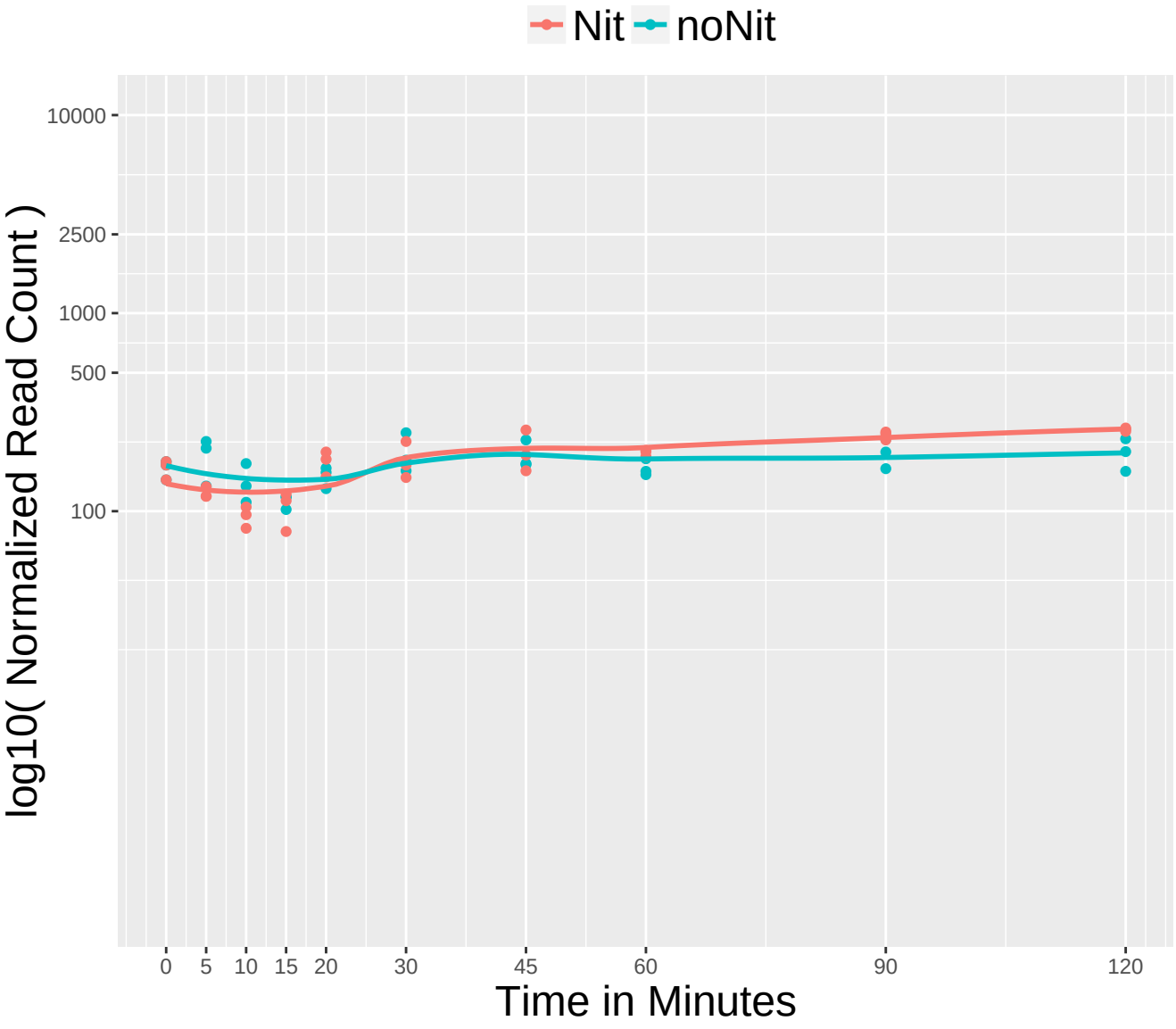
CW−type



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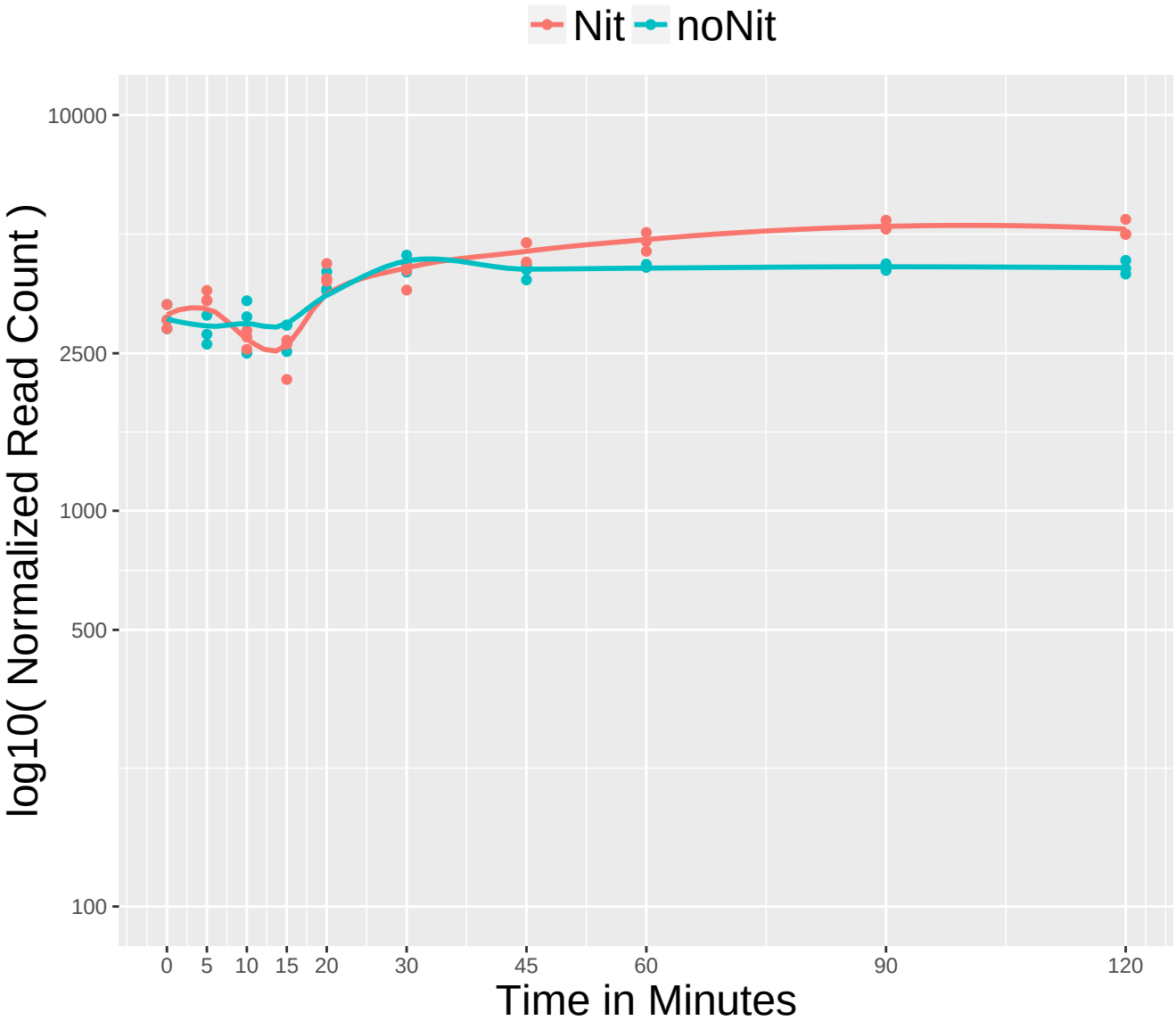
Eukaryotic



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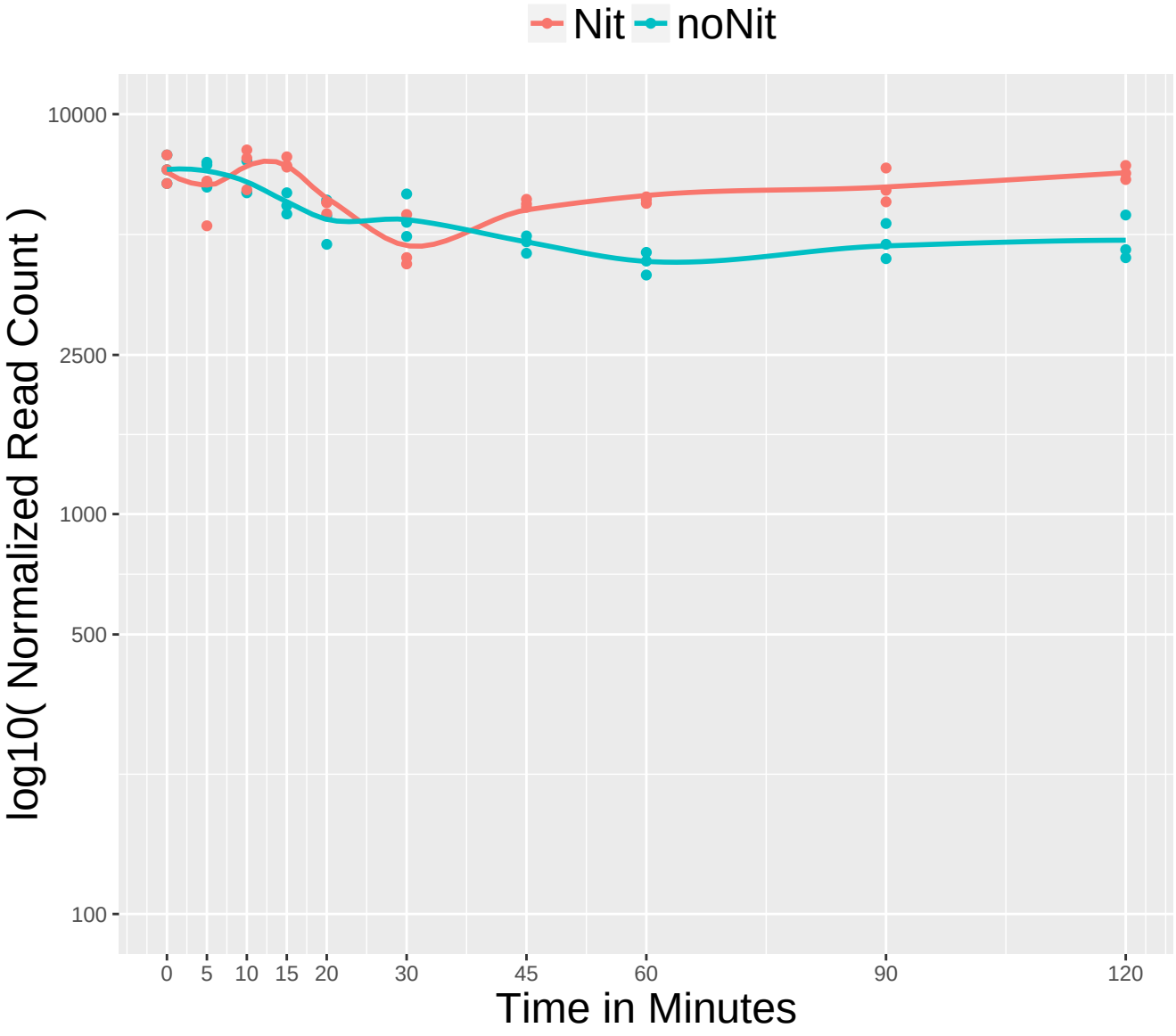
FtsJ−like



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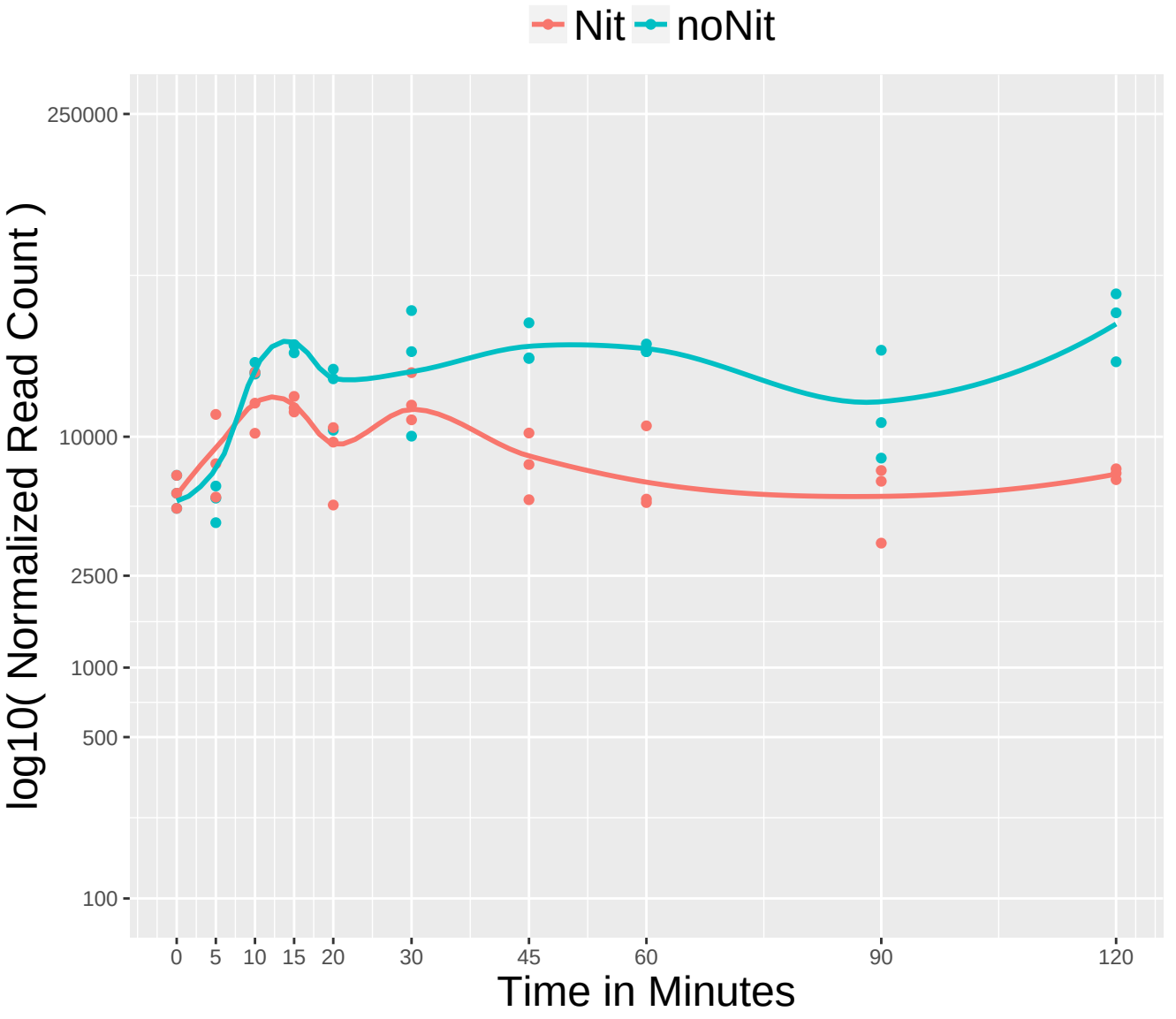
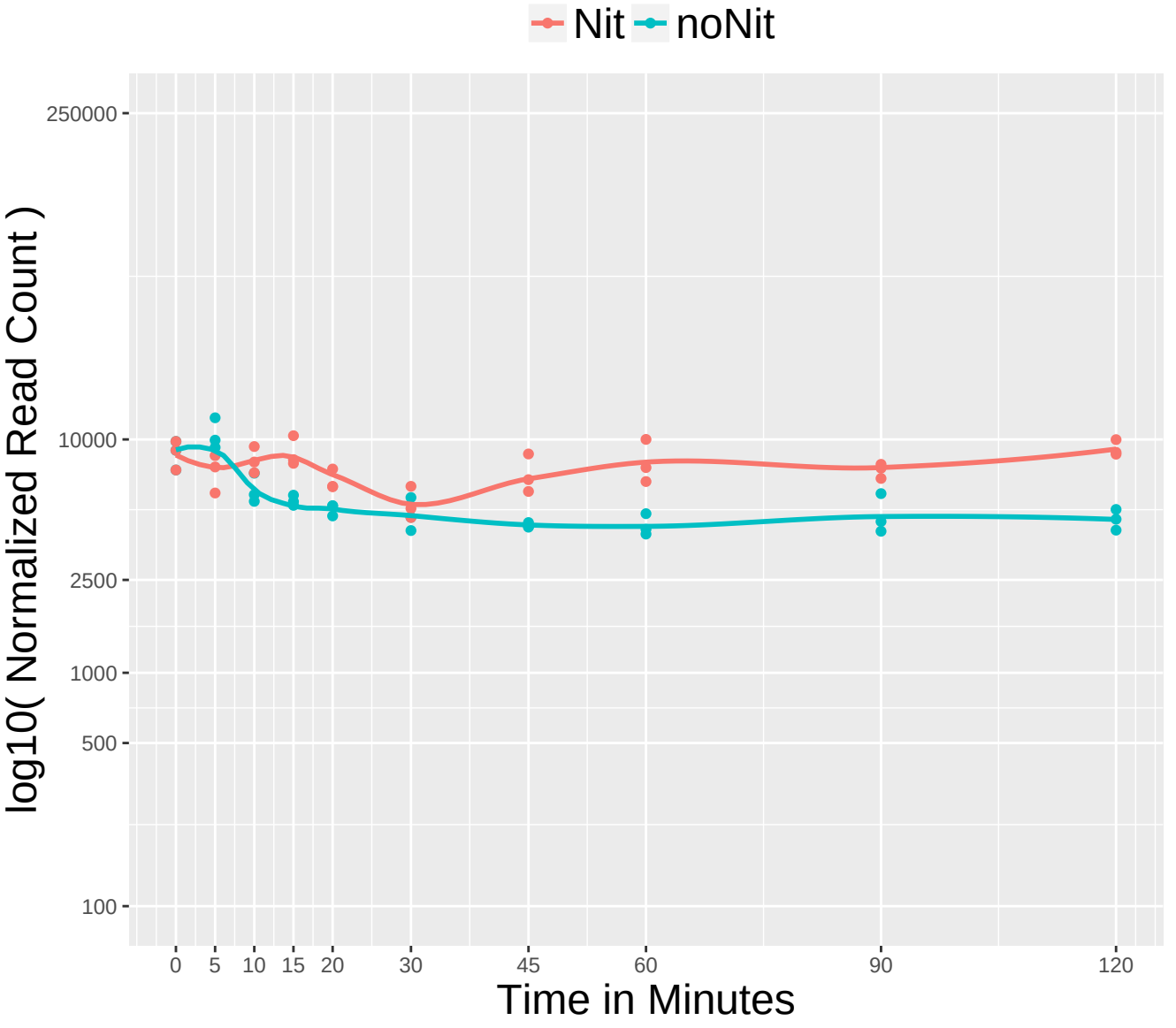
CYP79B2,"cytochrome



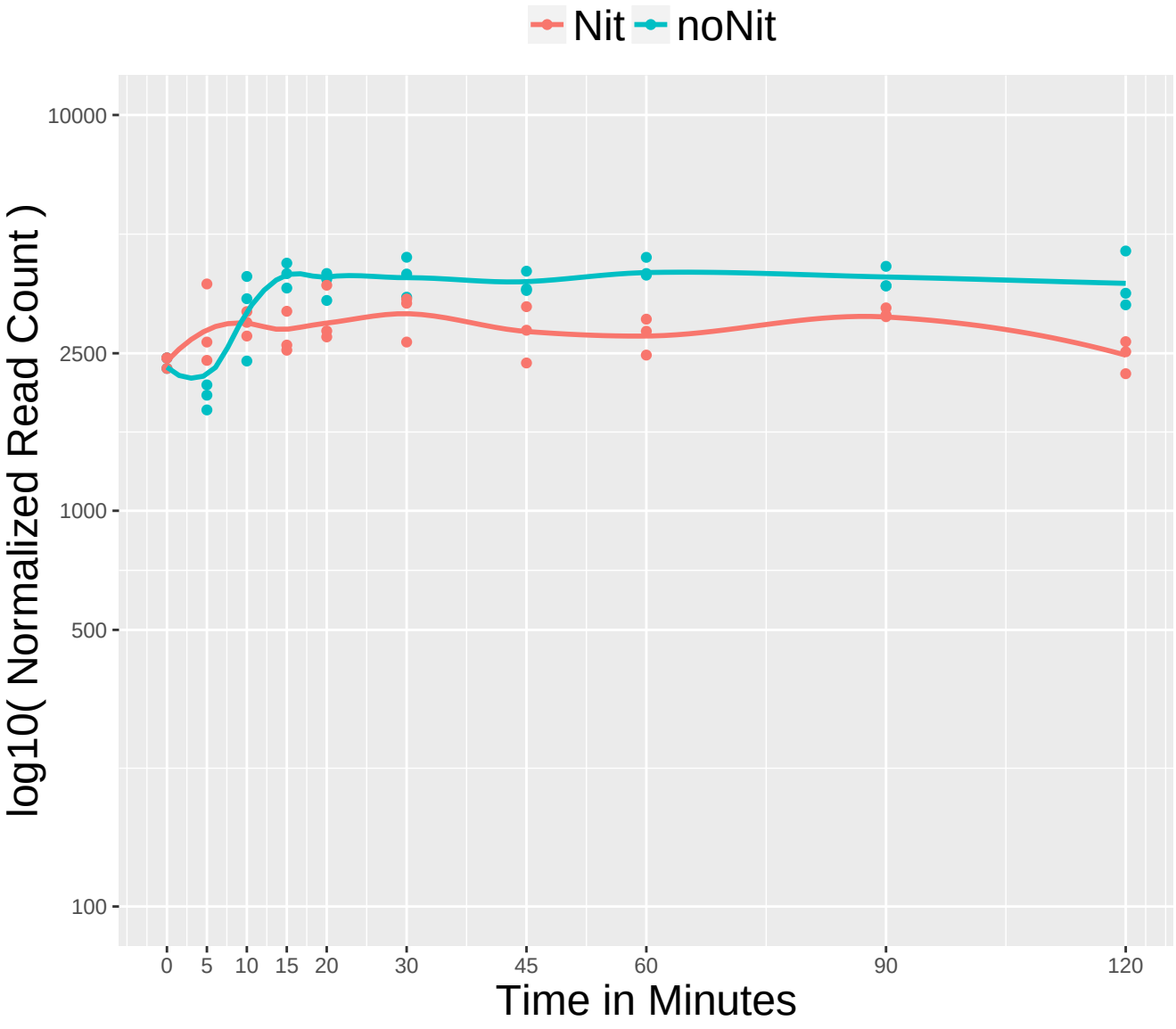
AT5G06110

DnaJ



AT5G43760

KCS20,3−ketoacyl−CoA



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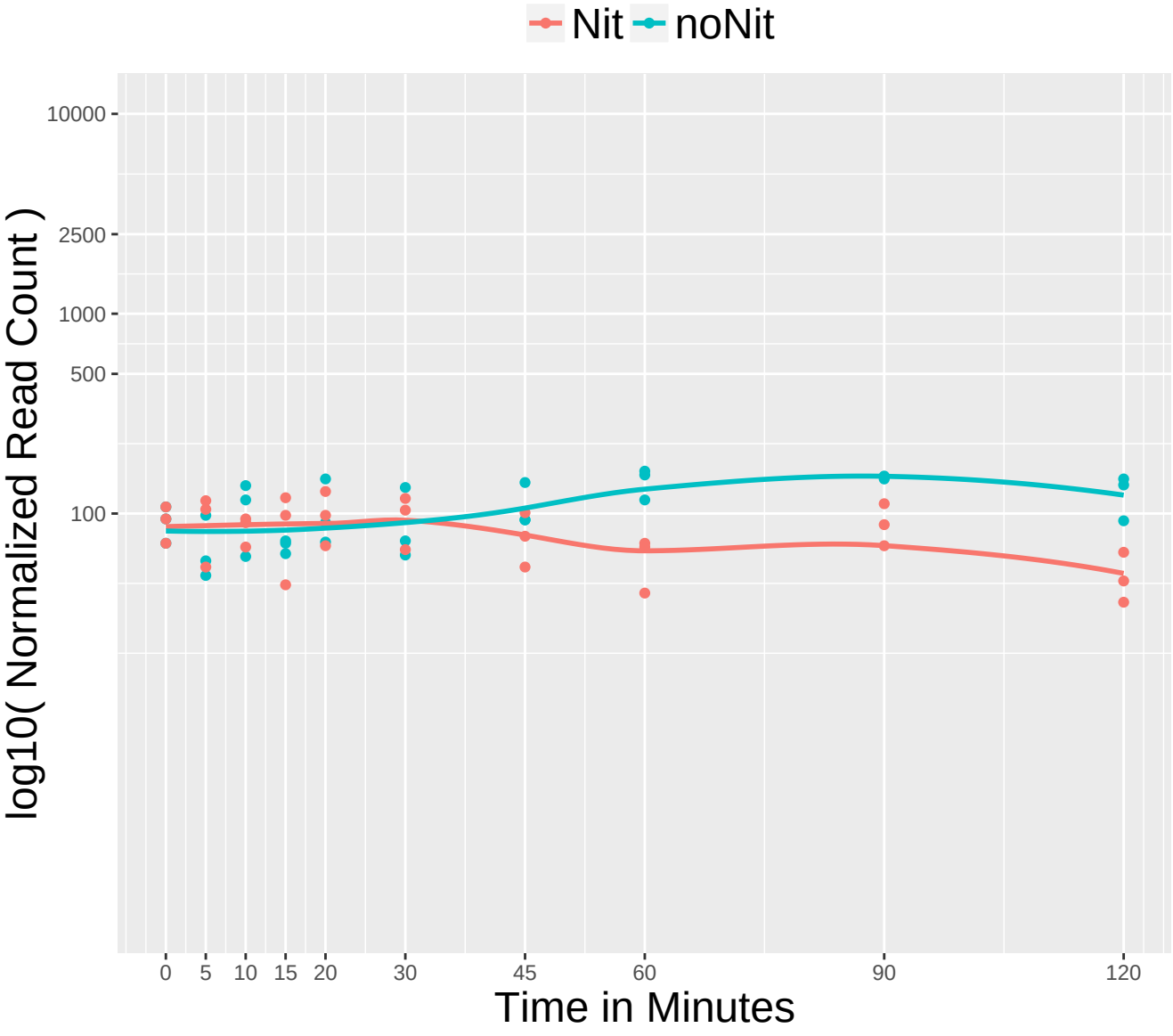
Disease



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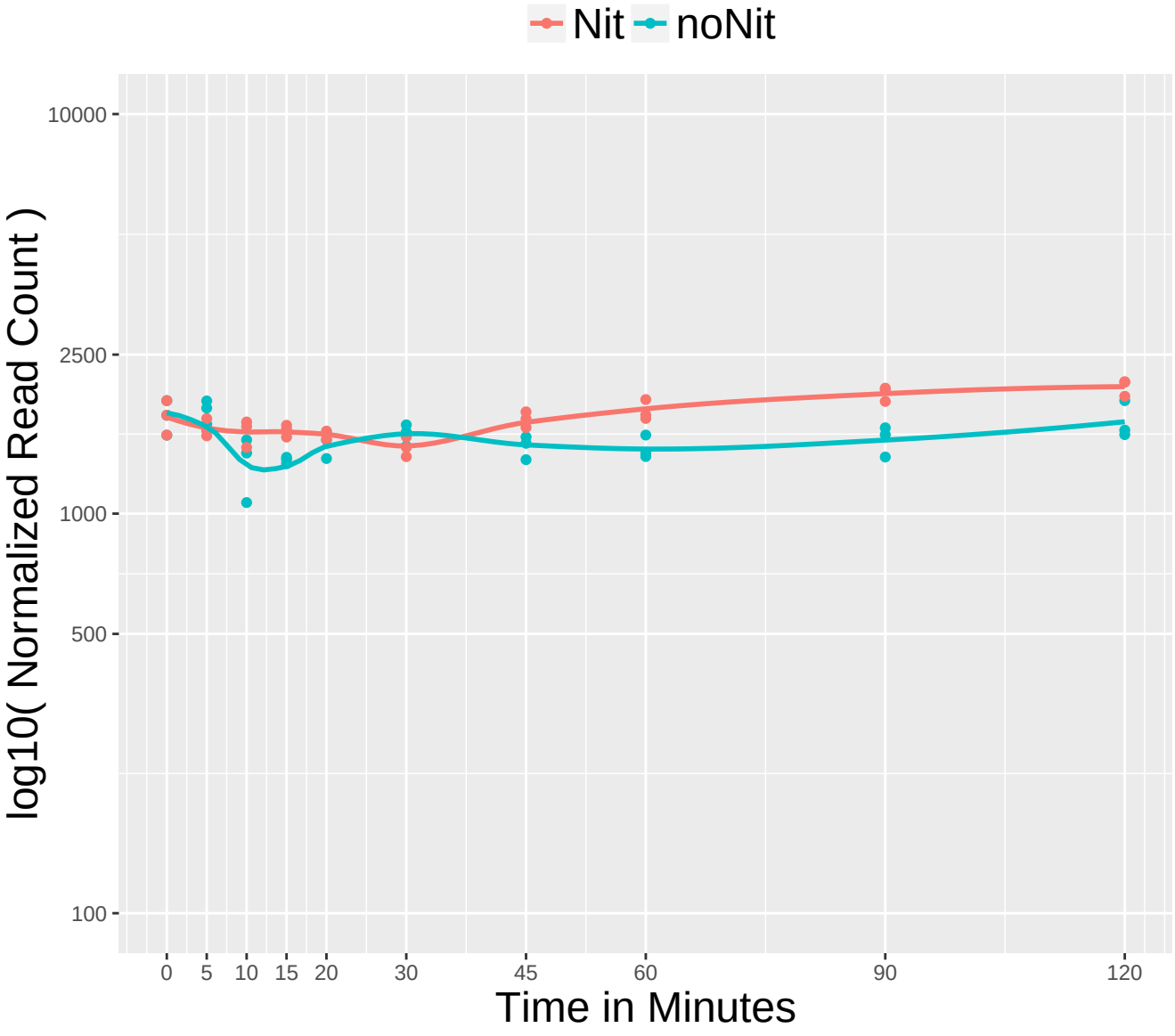
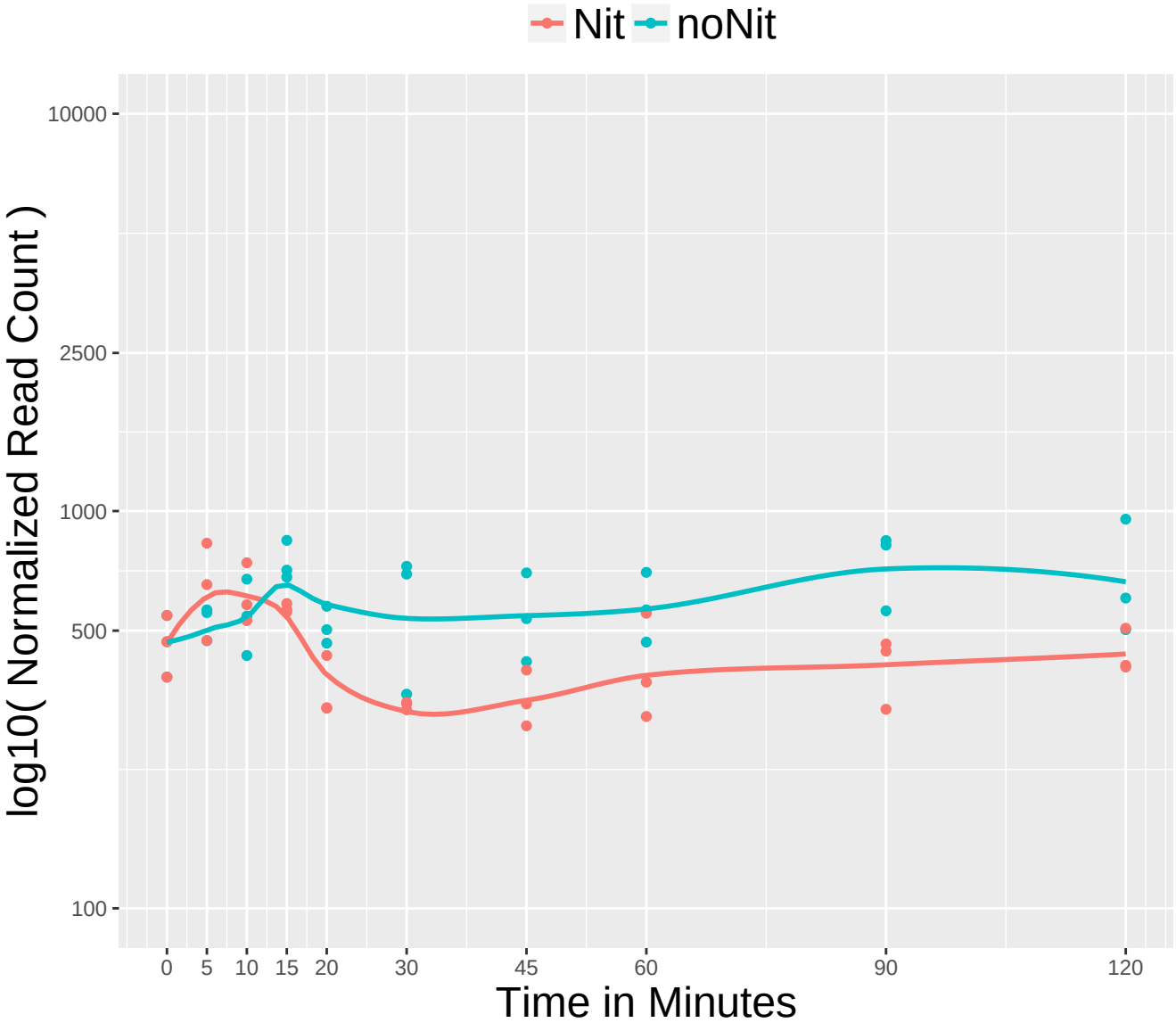
Galactose



AT5G64890

PROPEP2,elicitor



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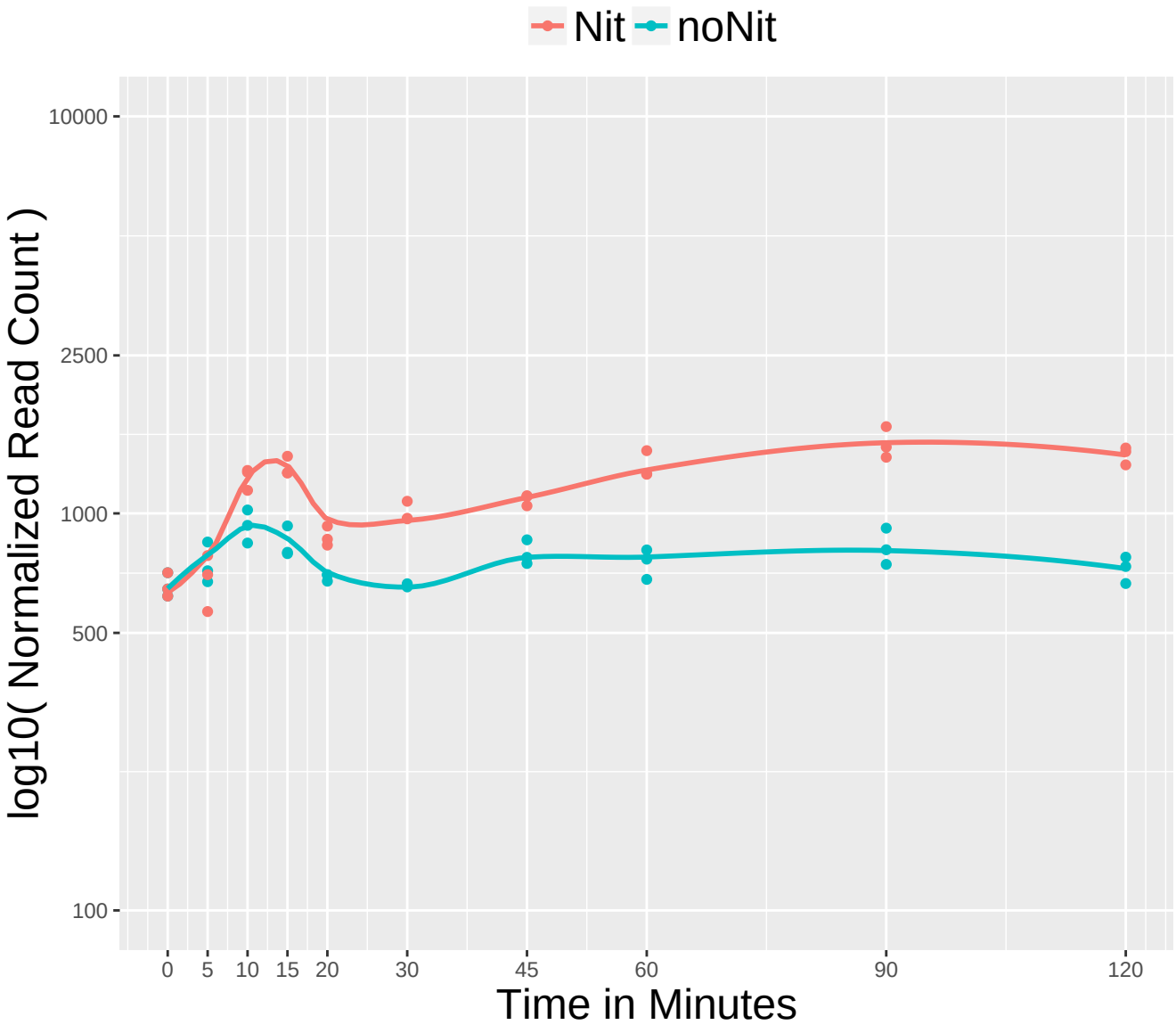
MEL2,MAB4/ENP/NPY1−LIKE



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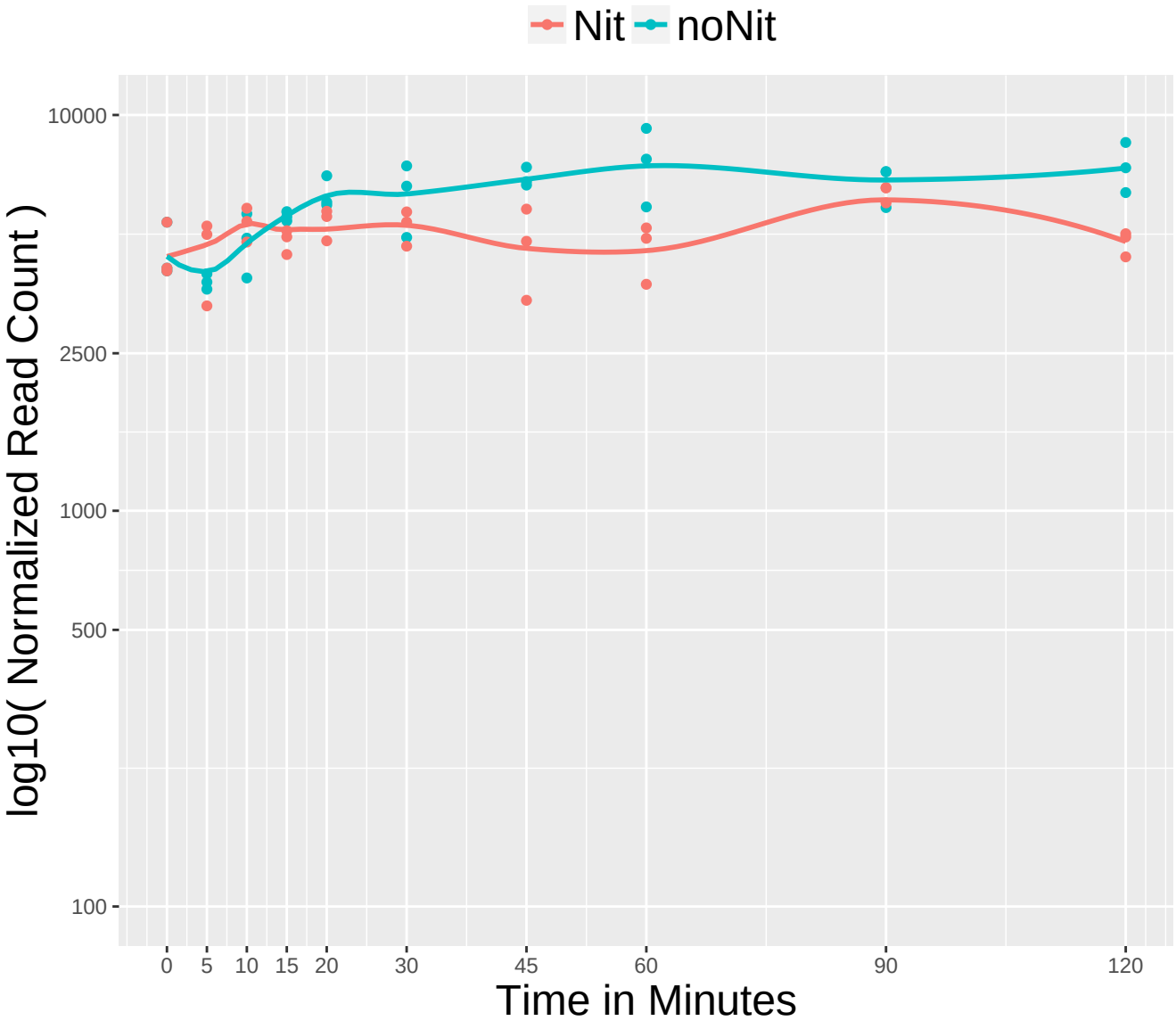

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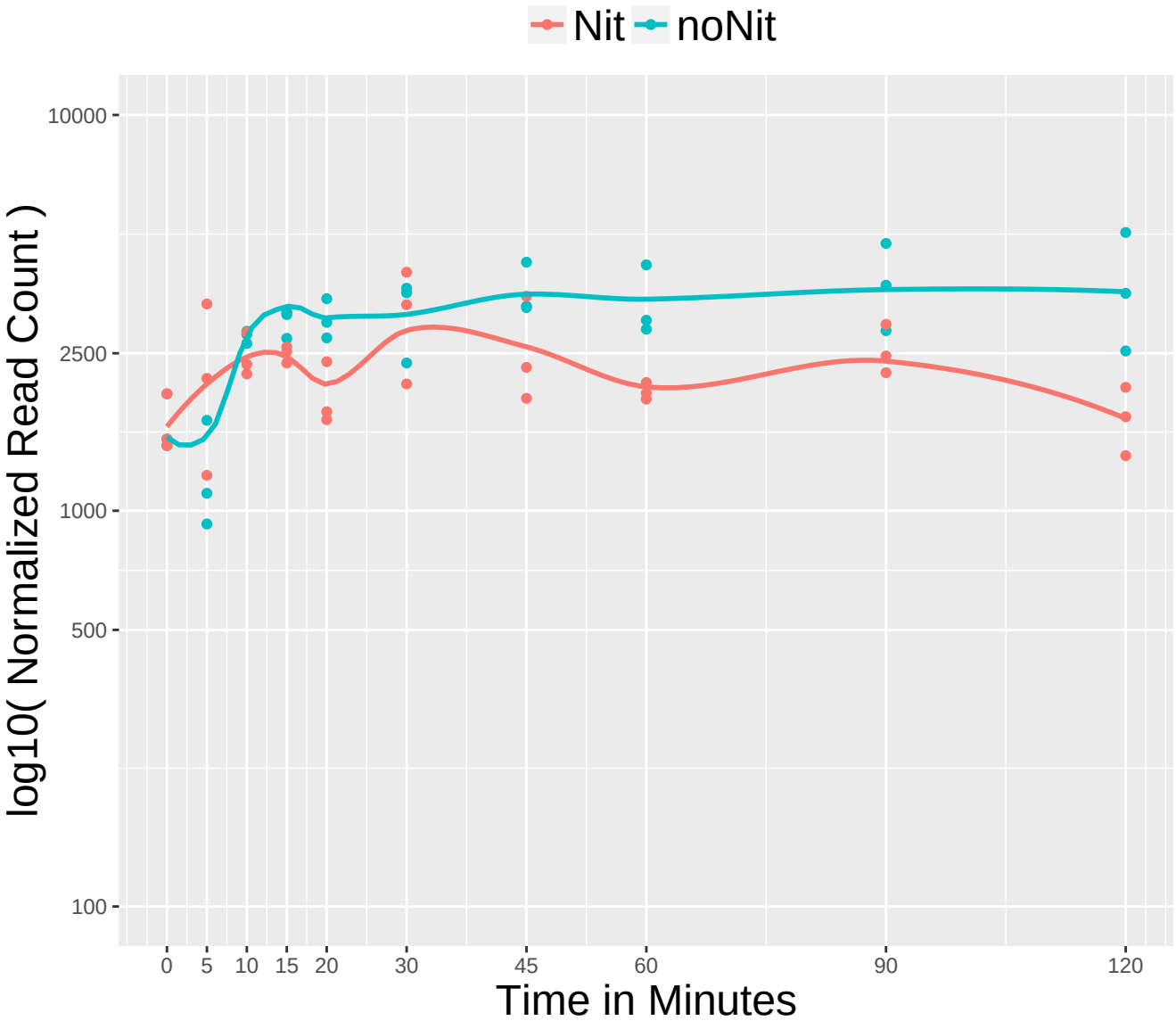
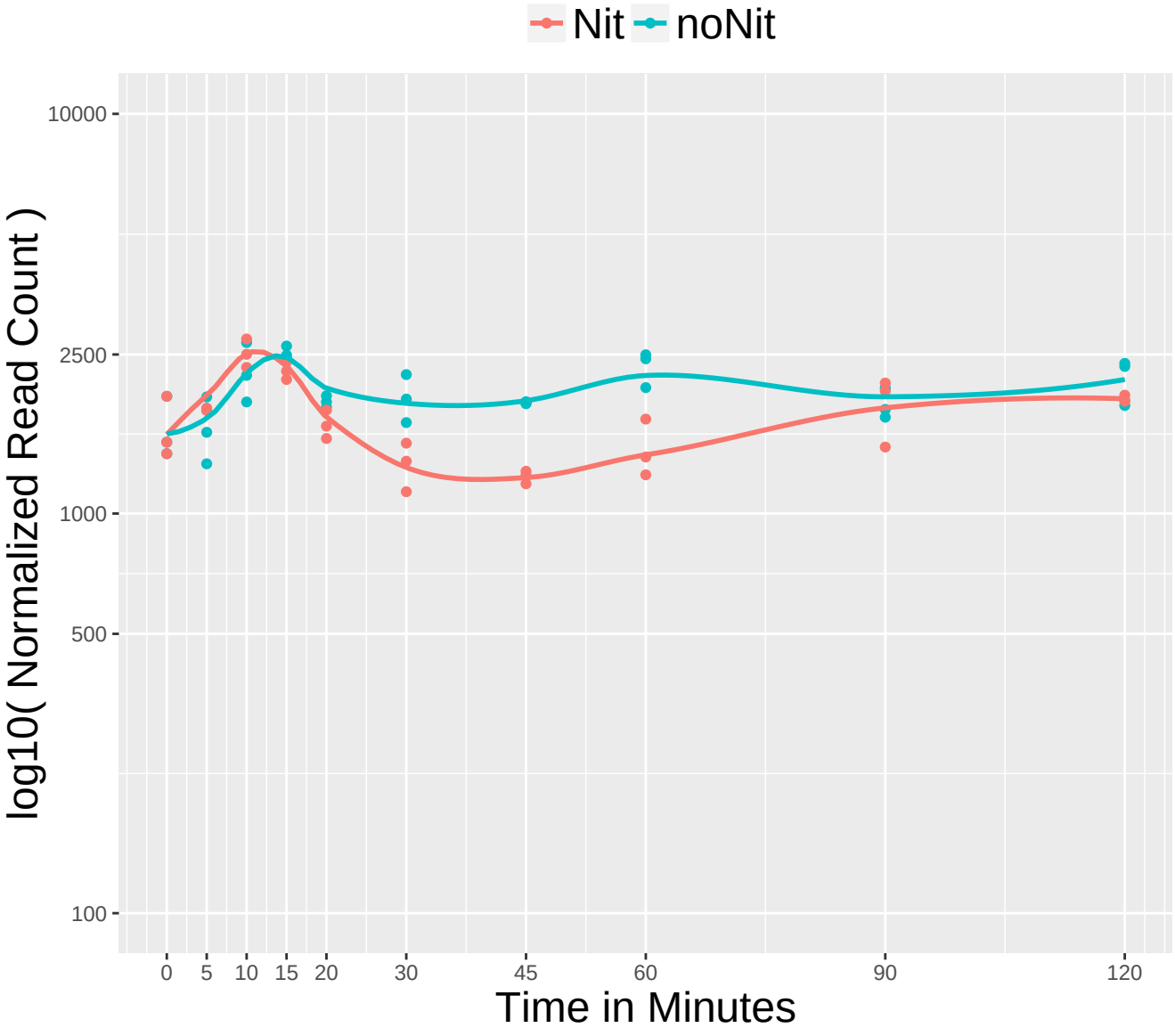
ACO4,ethylene



AT1G18390

Protein



AT1G26530

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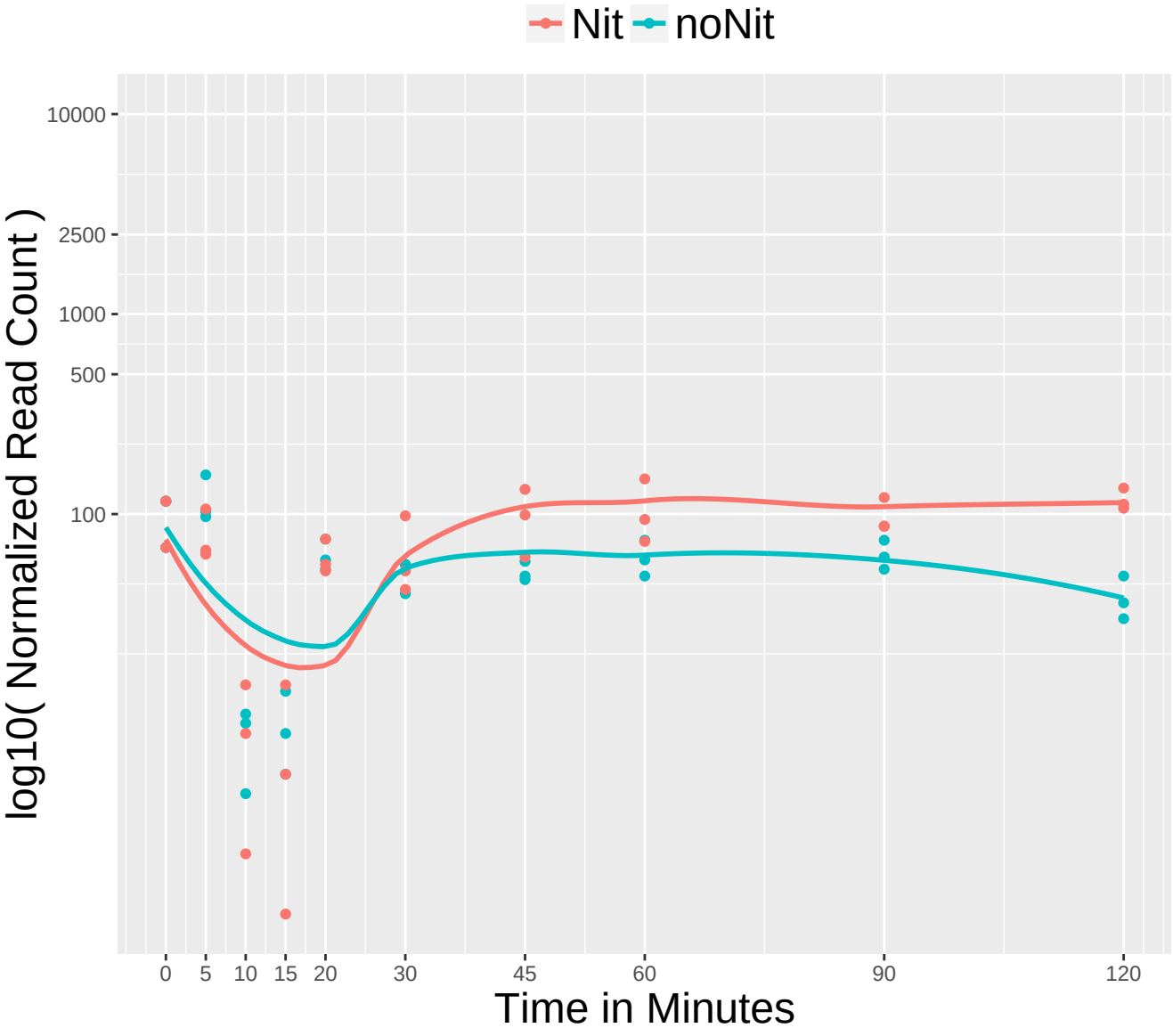

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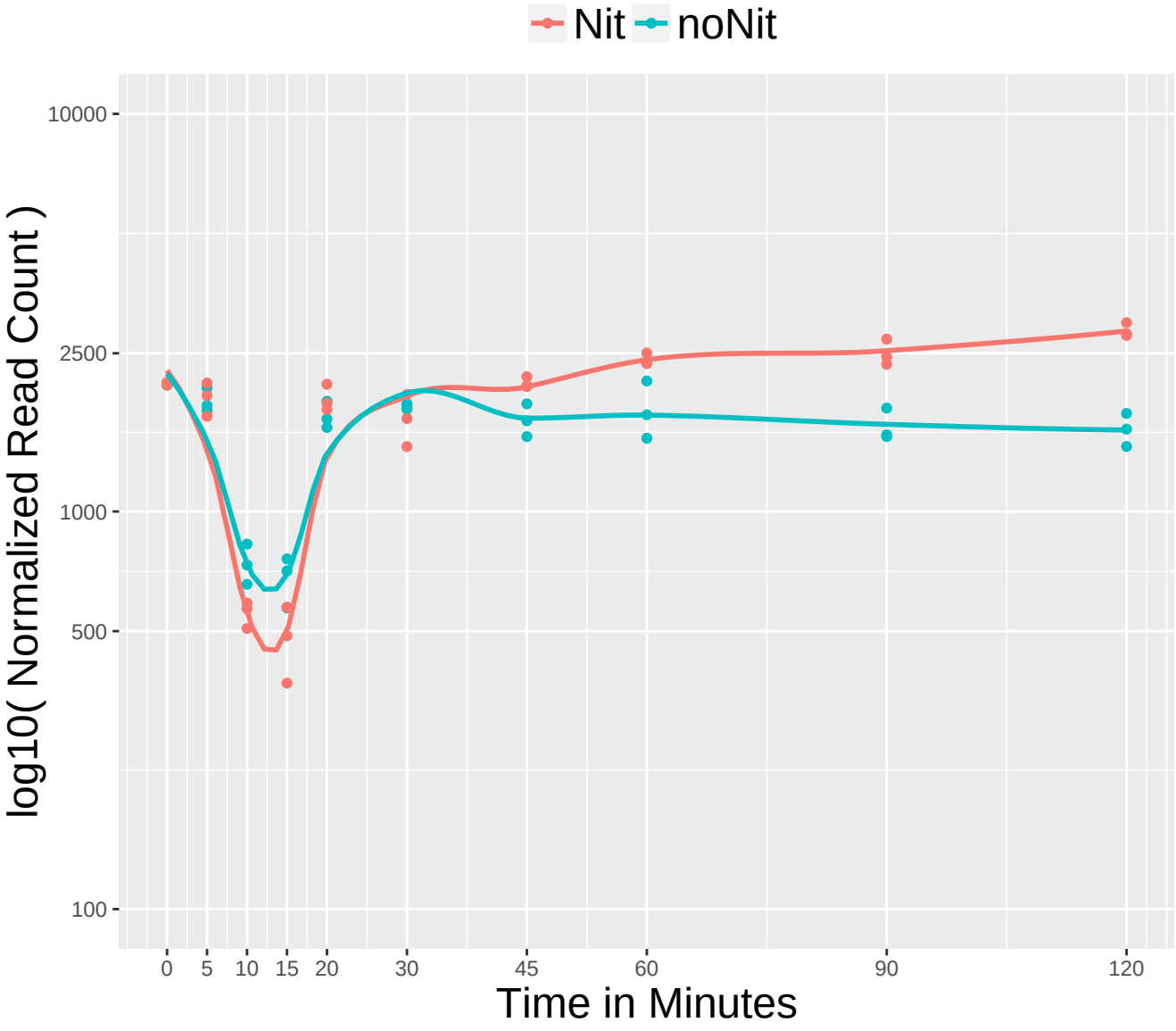

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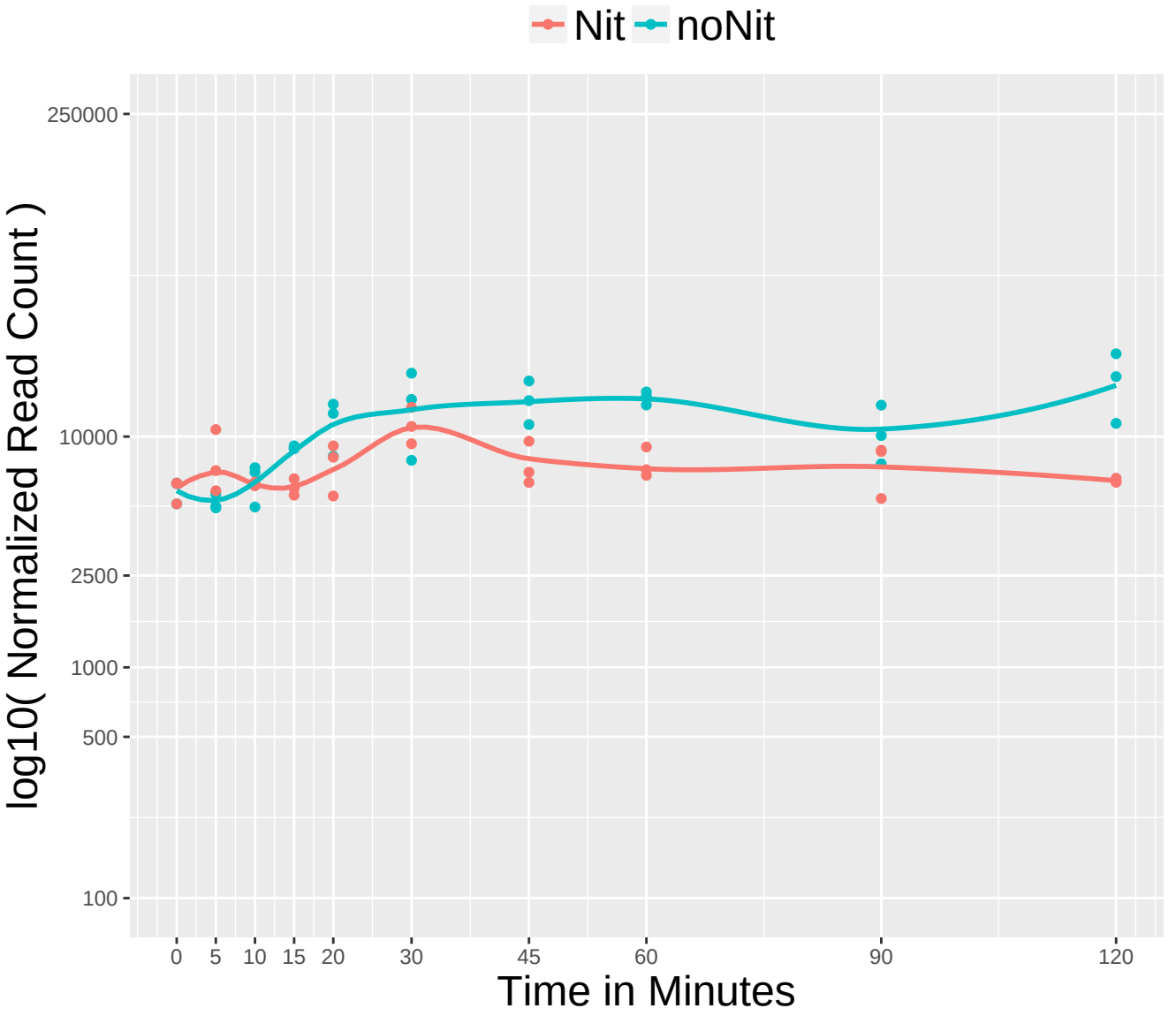
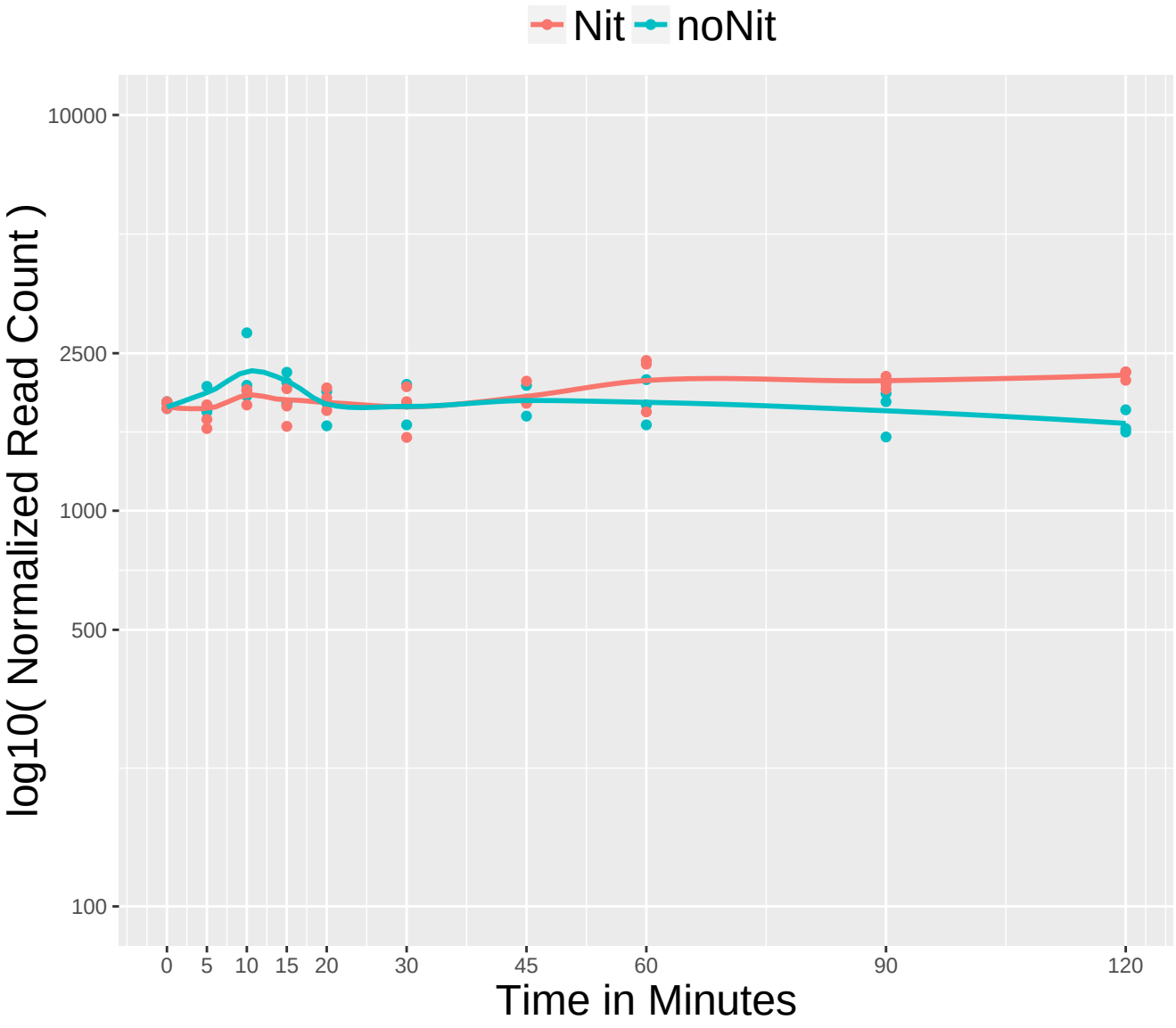
CYP71B6,cytochrome



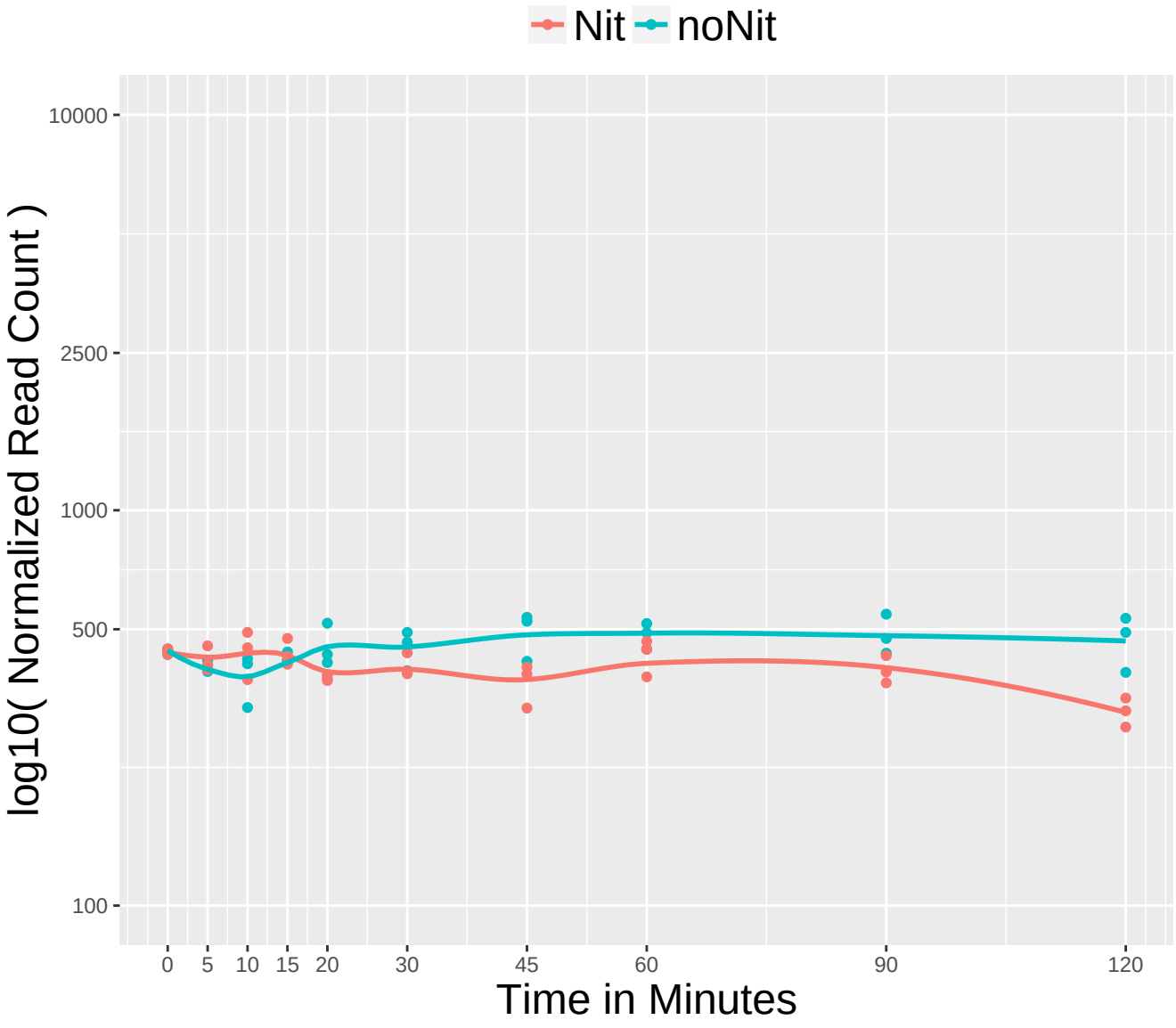
AT2G28810

Dof−type



AT2G41040

S−adenosyl−L−methionine−dependent



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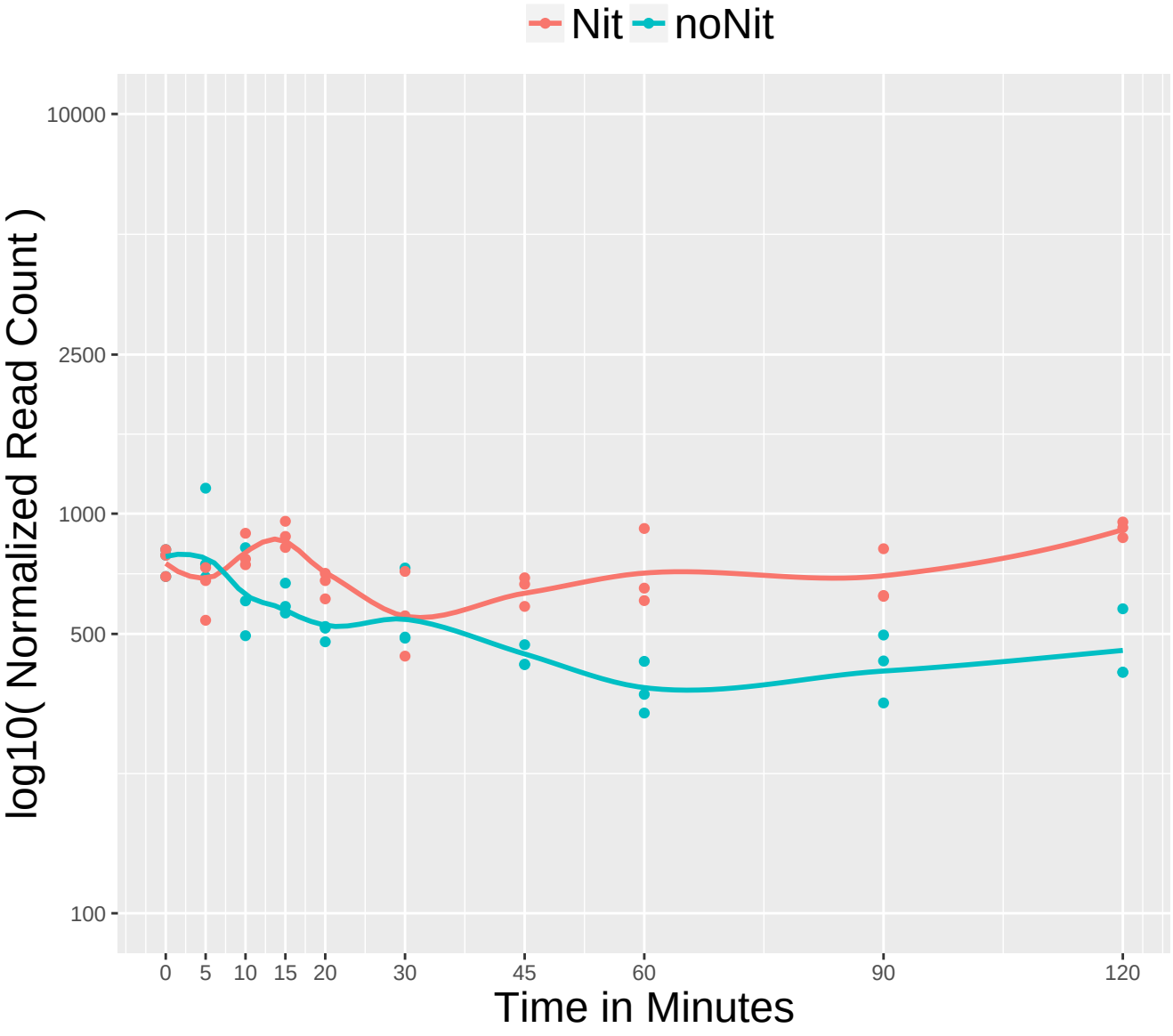
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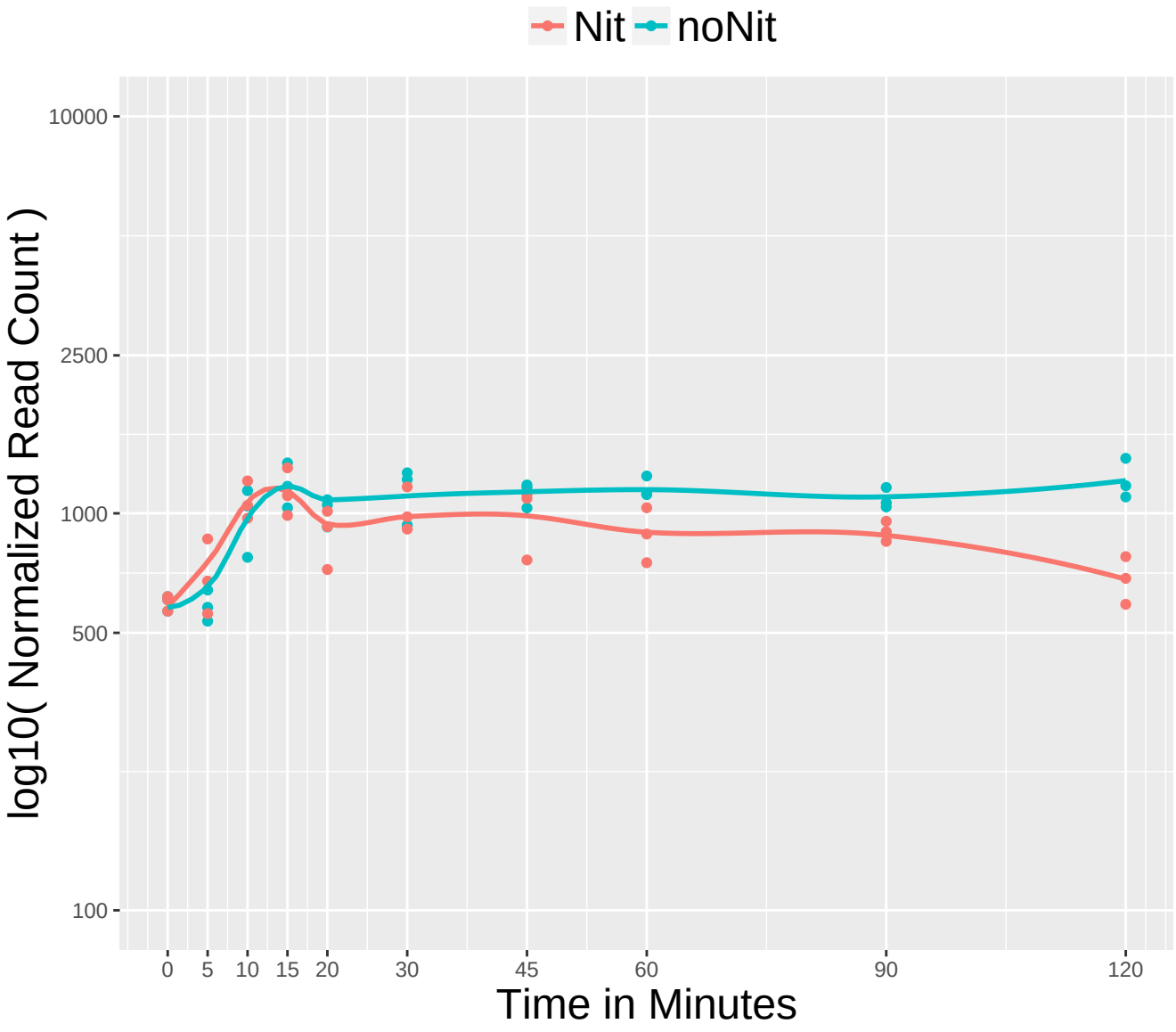
AT3G10660

ATCPK2,,CPK2,calmodulin−domain



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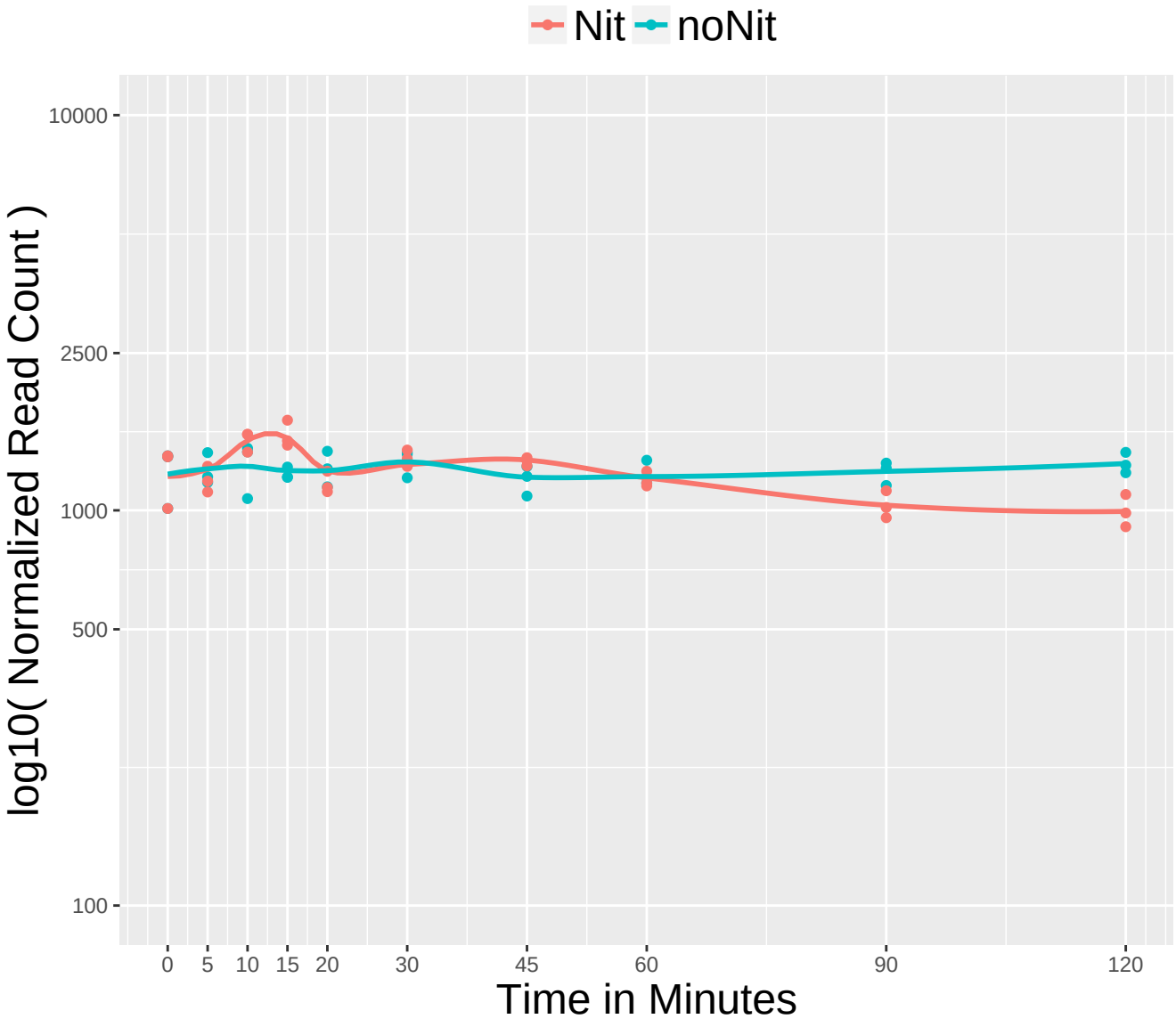
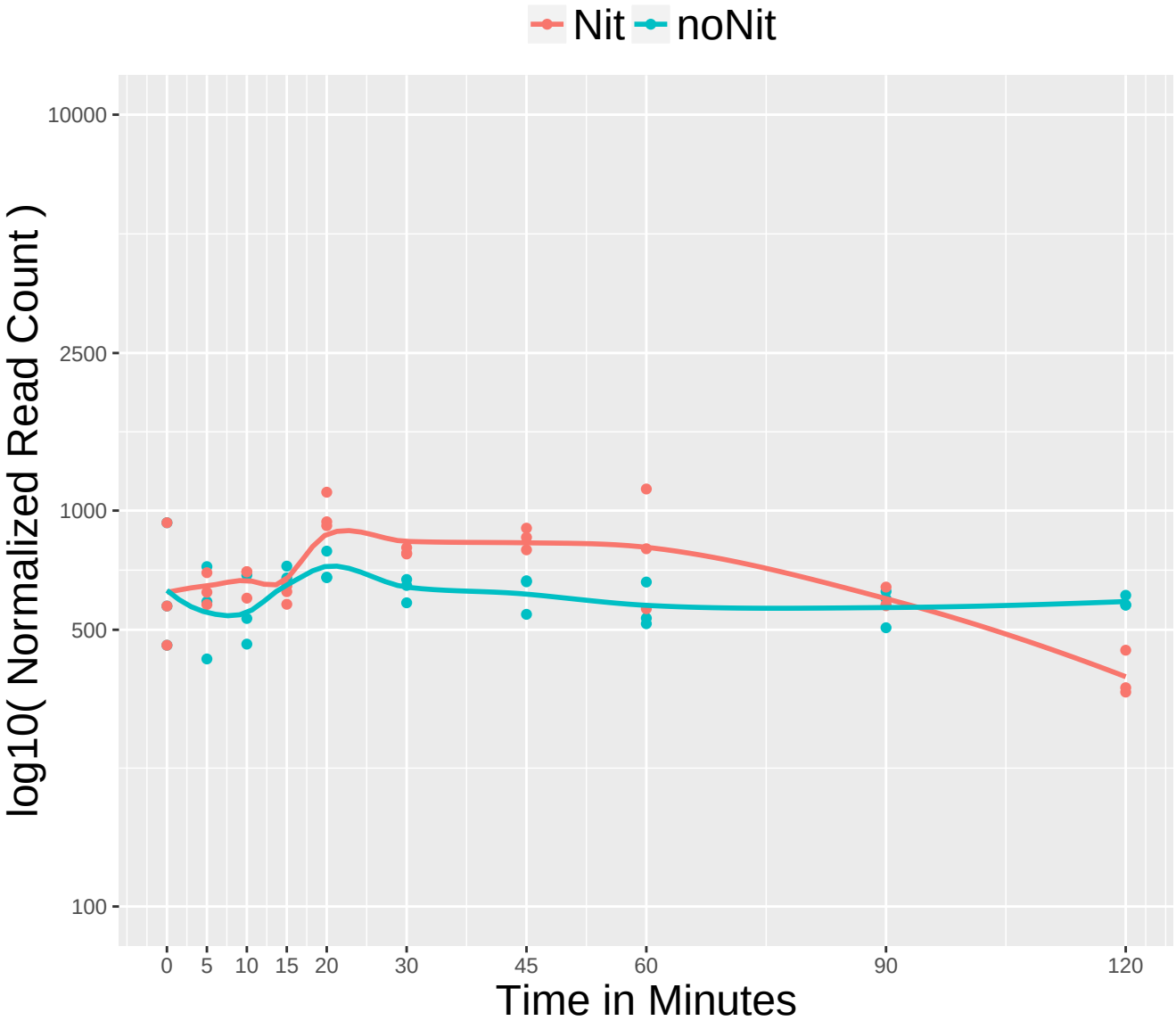
Nucleotide−sugar



AT3G44820

Phototropic−responsive



AT3G51790

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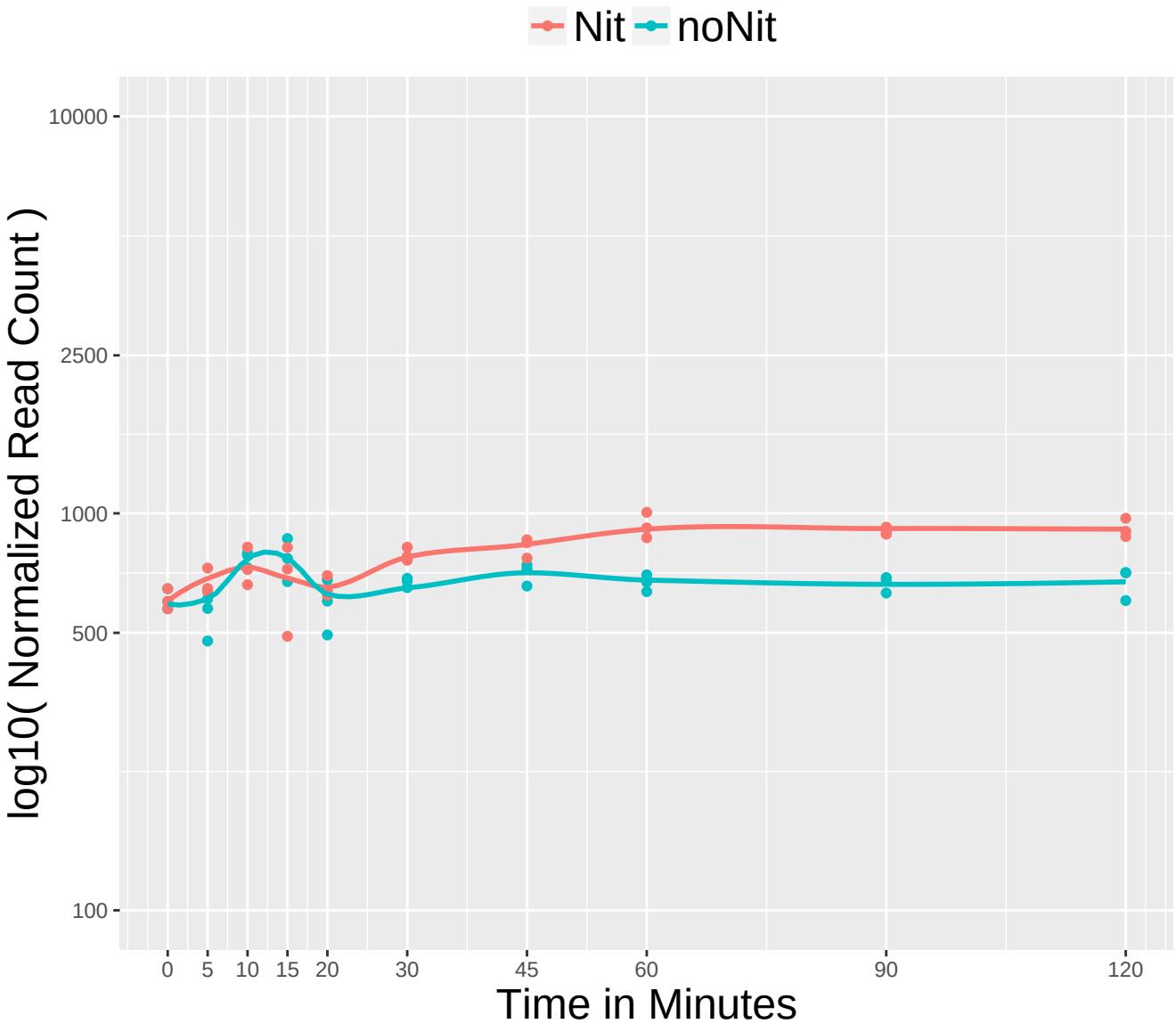

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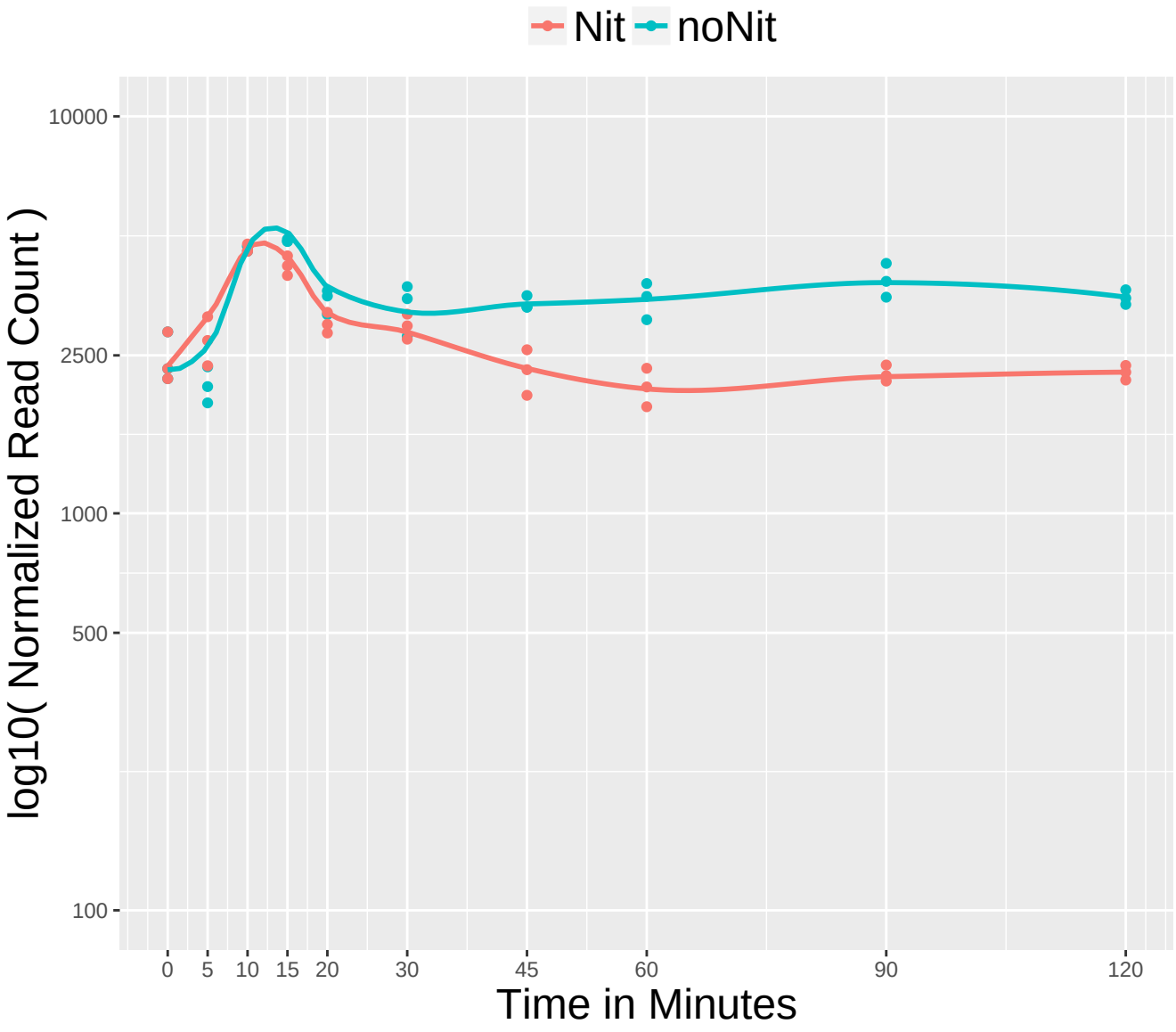
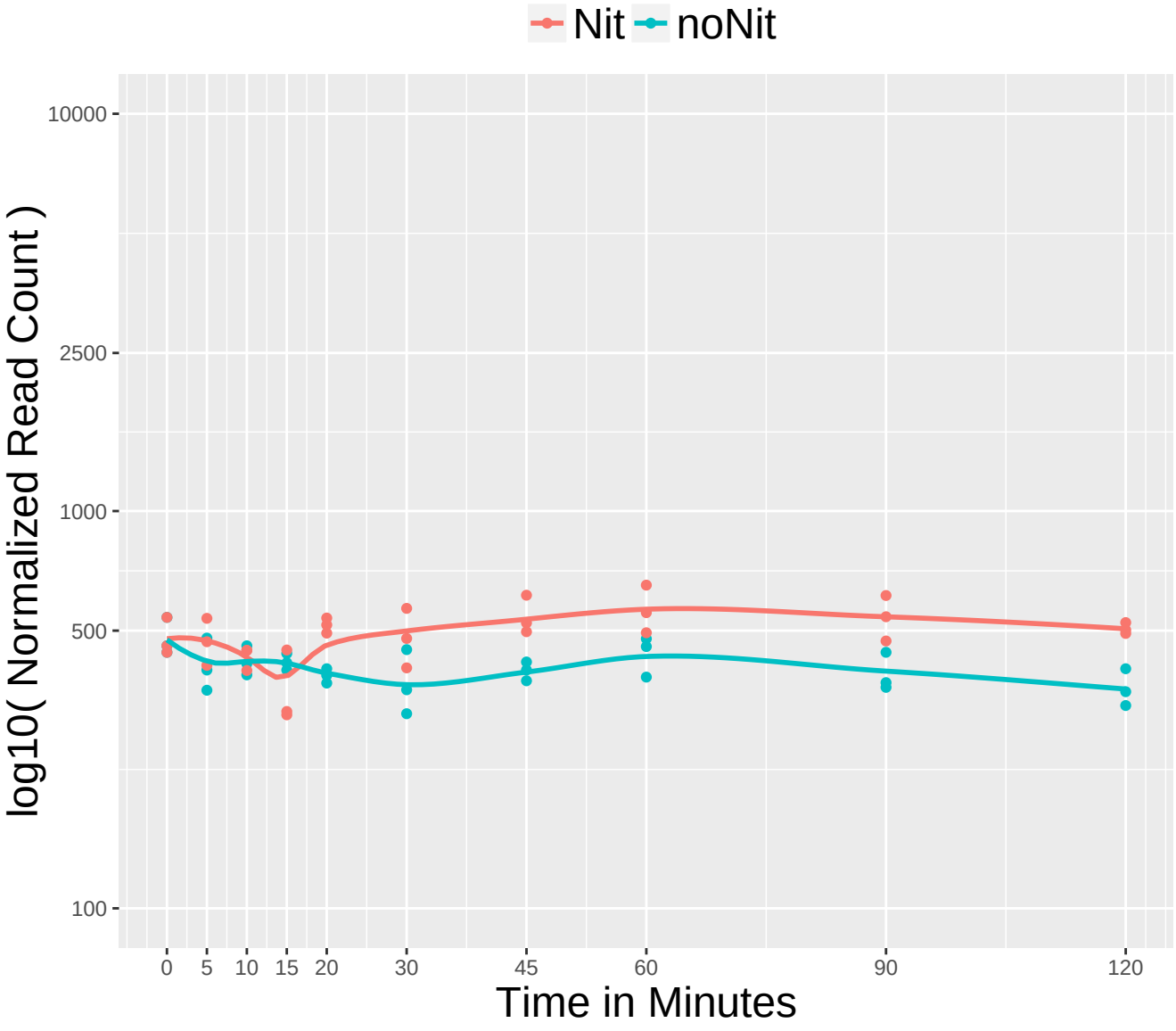
NPL41,NPL4−like



AT4G00650

FLA,FLOWERING



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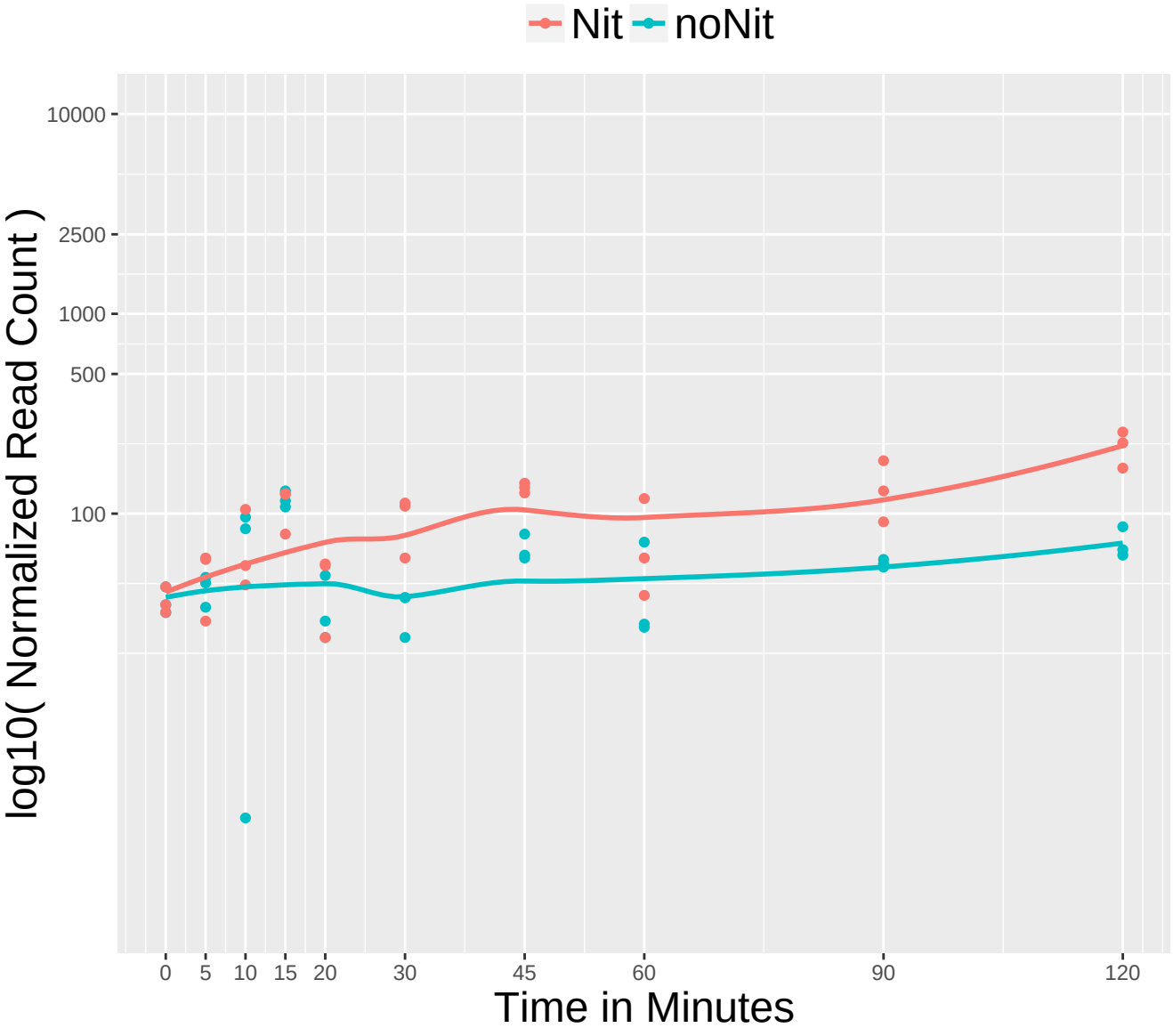
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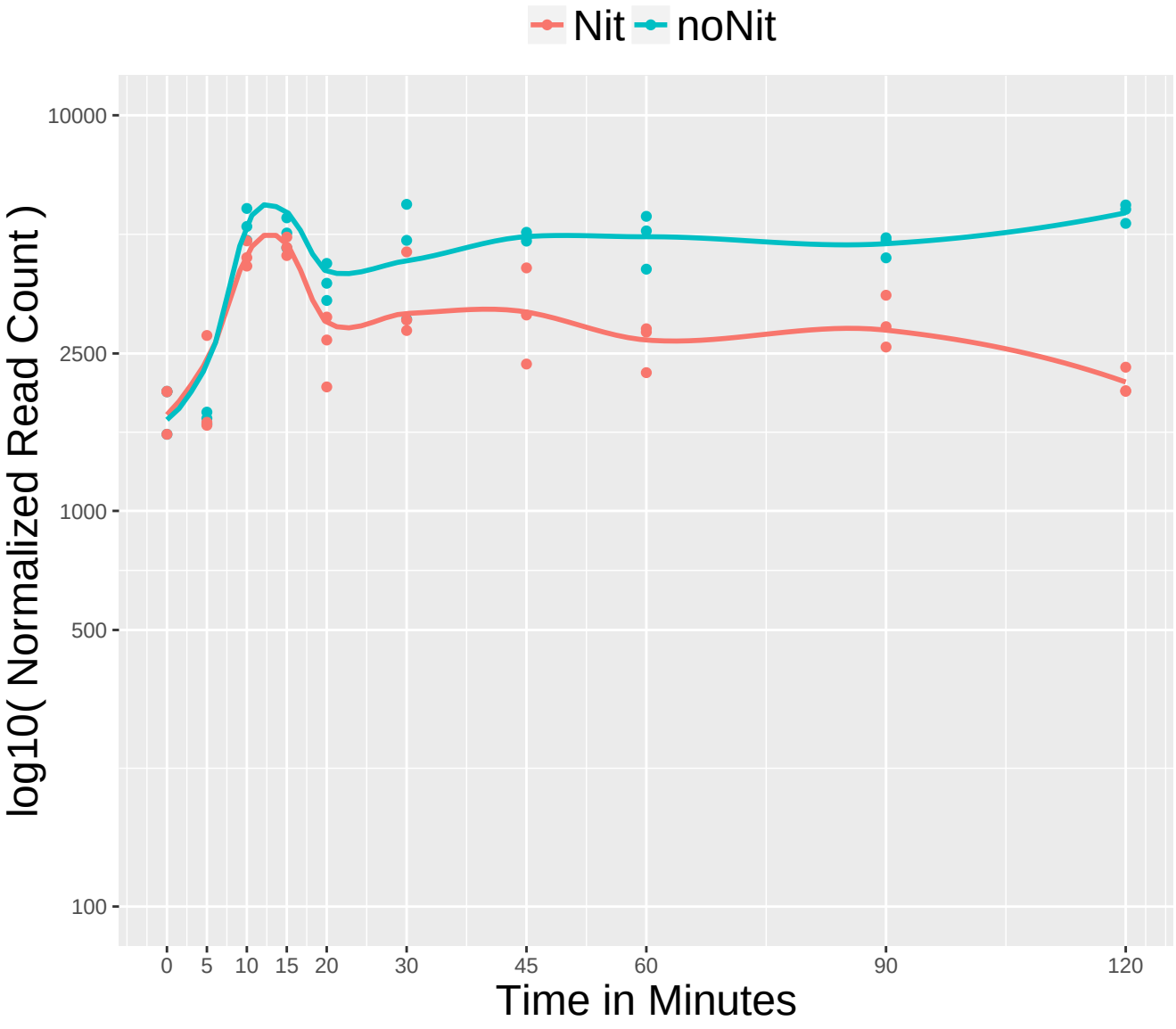
AT4G33010

AtGLDP1,glycine



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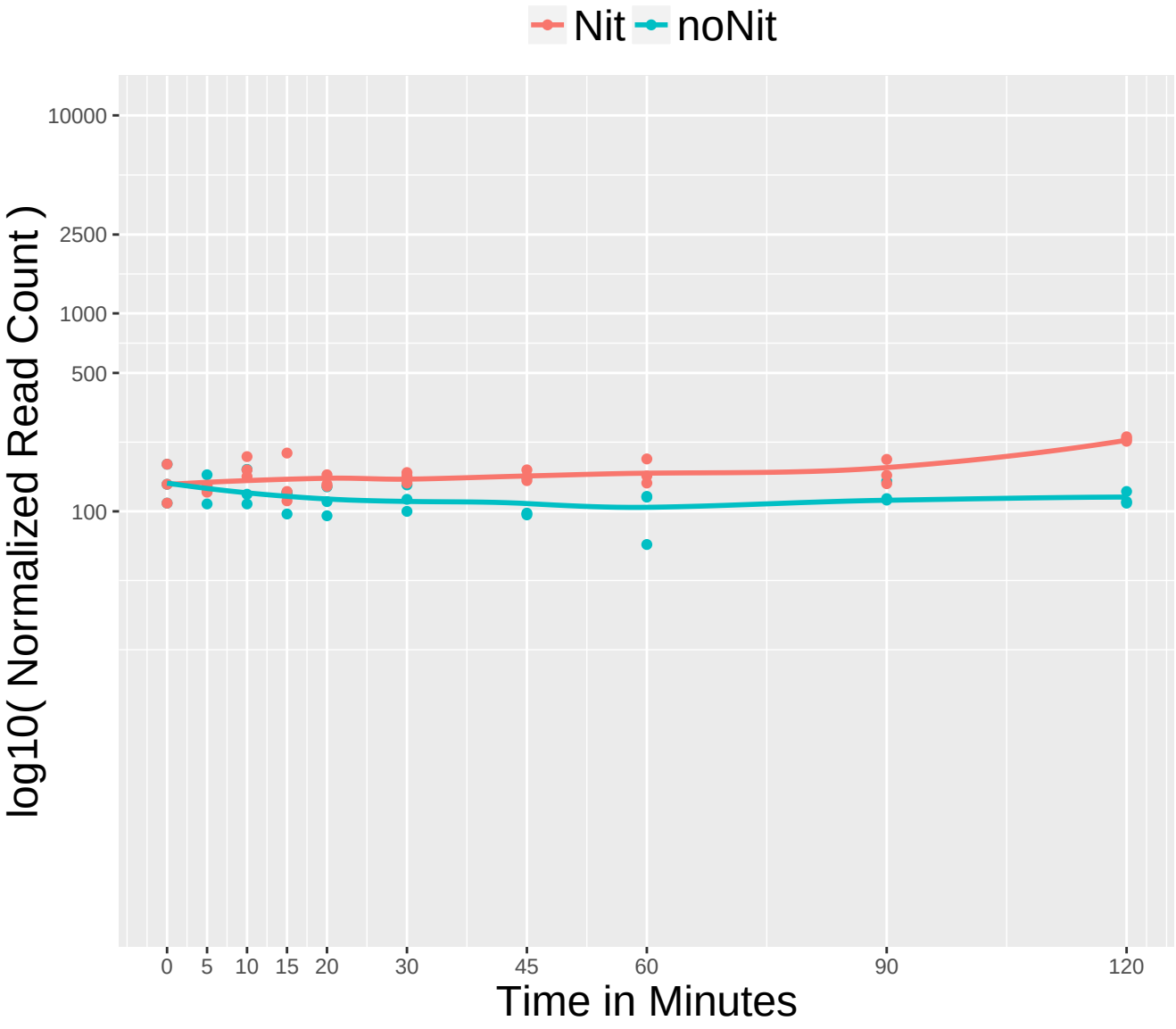
pde191,pigment



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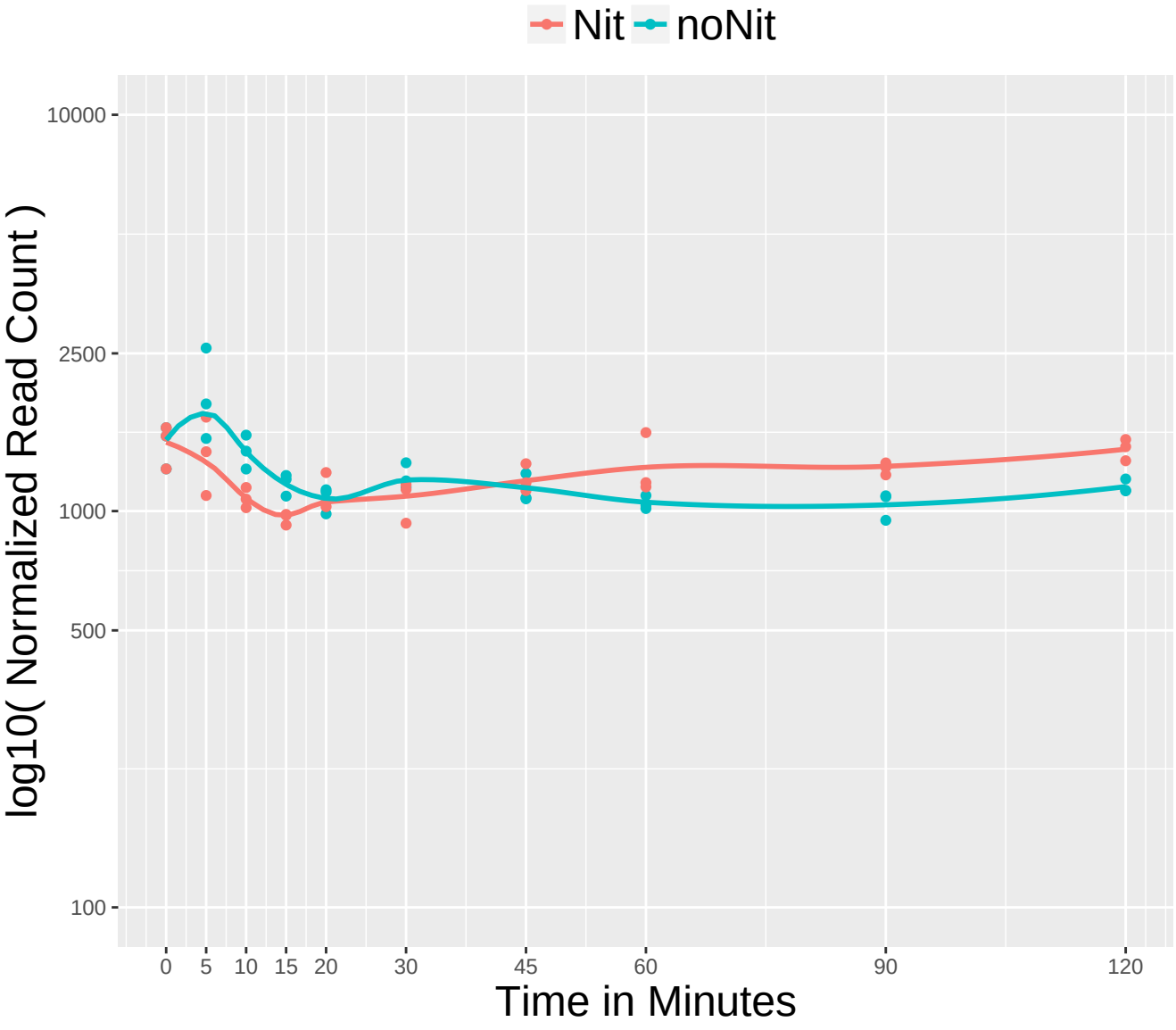
P−loop



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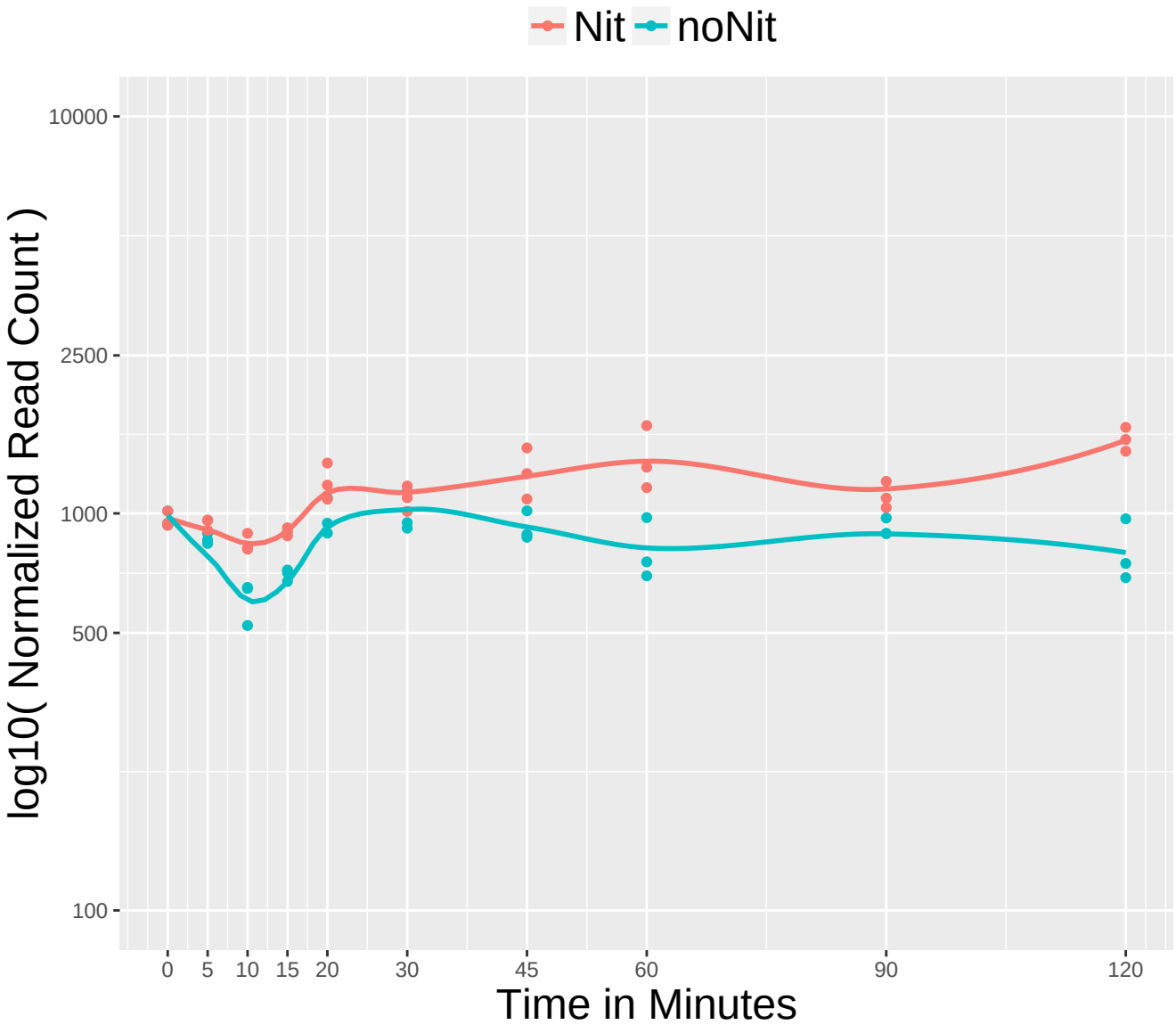

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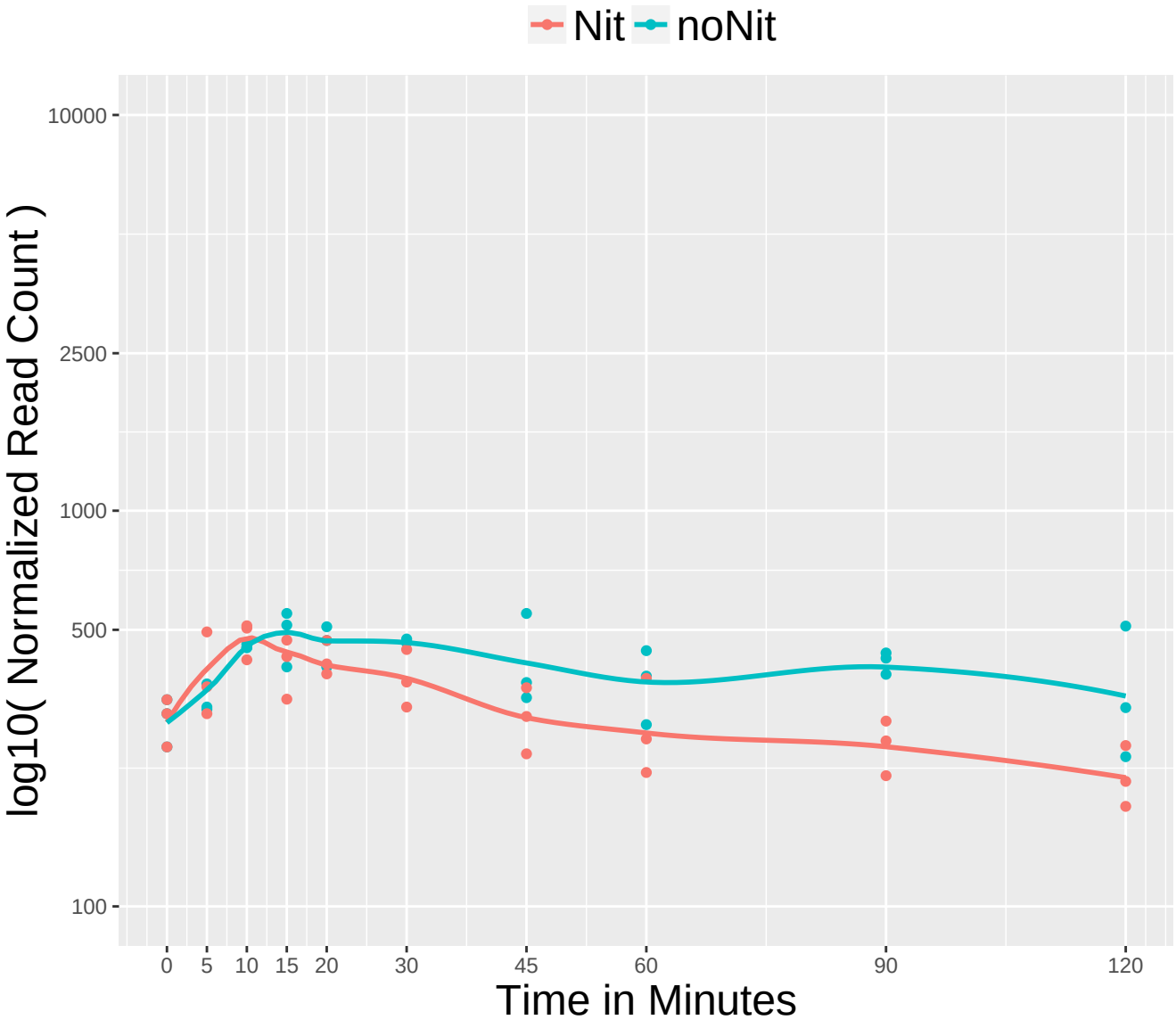
Ankyrin



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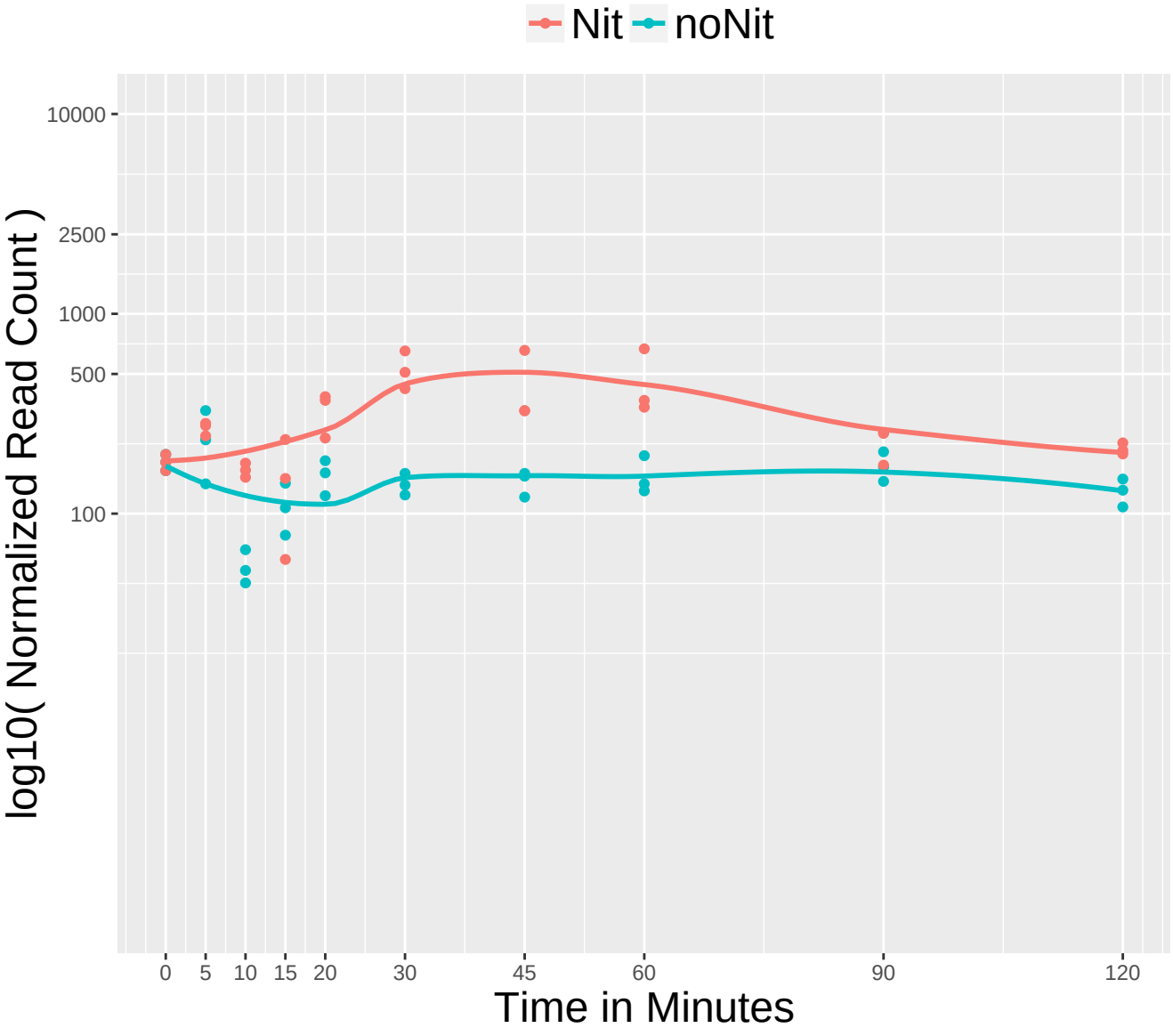
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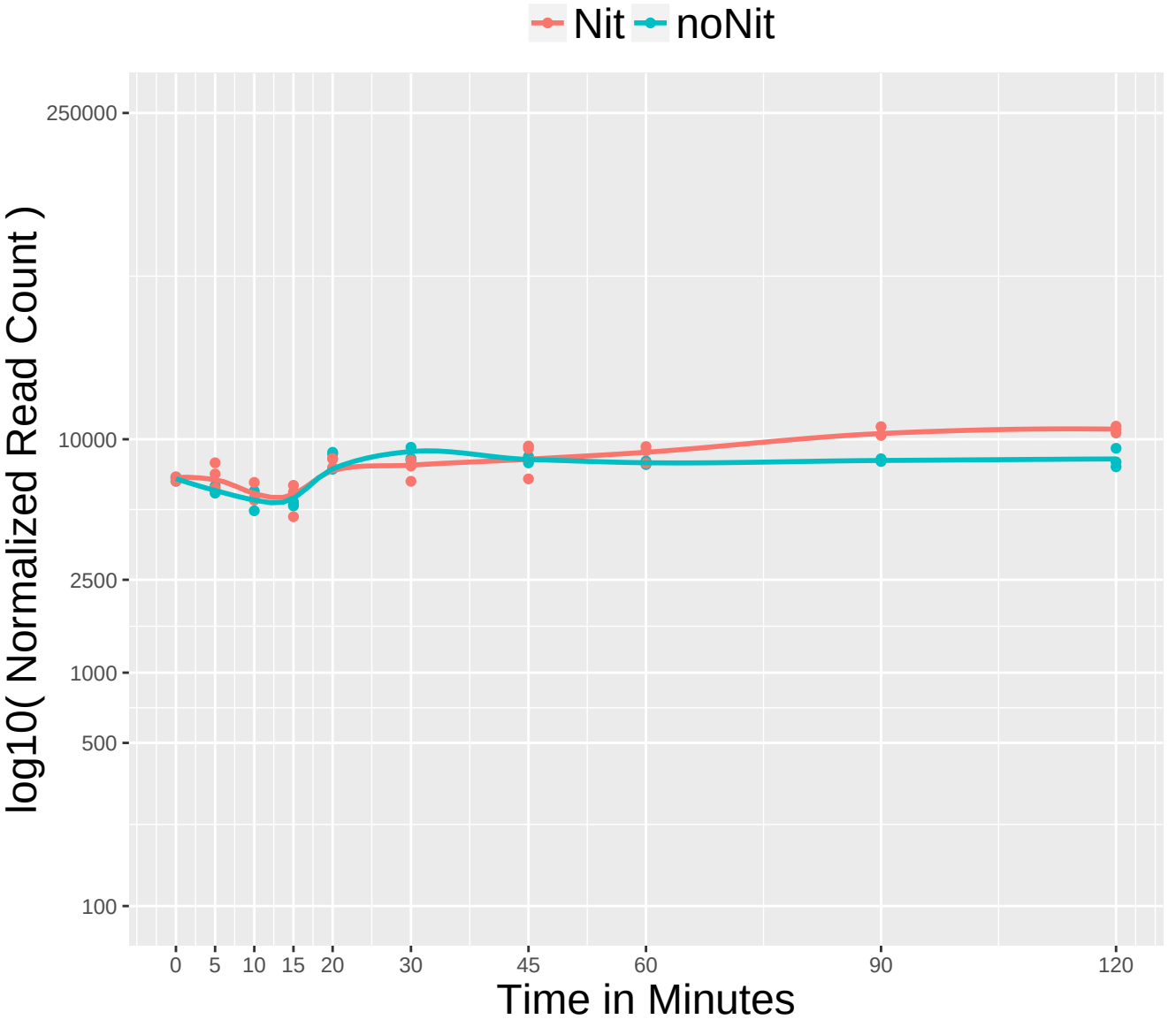
AT1G50920

Nucleolar



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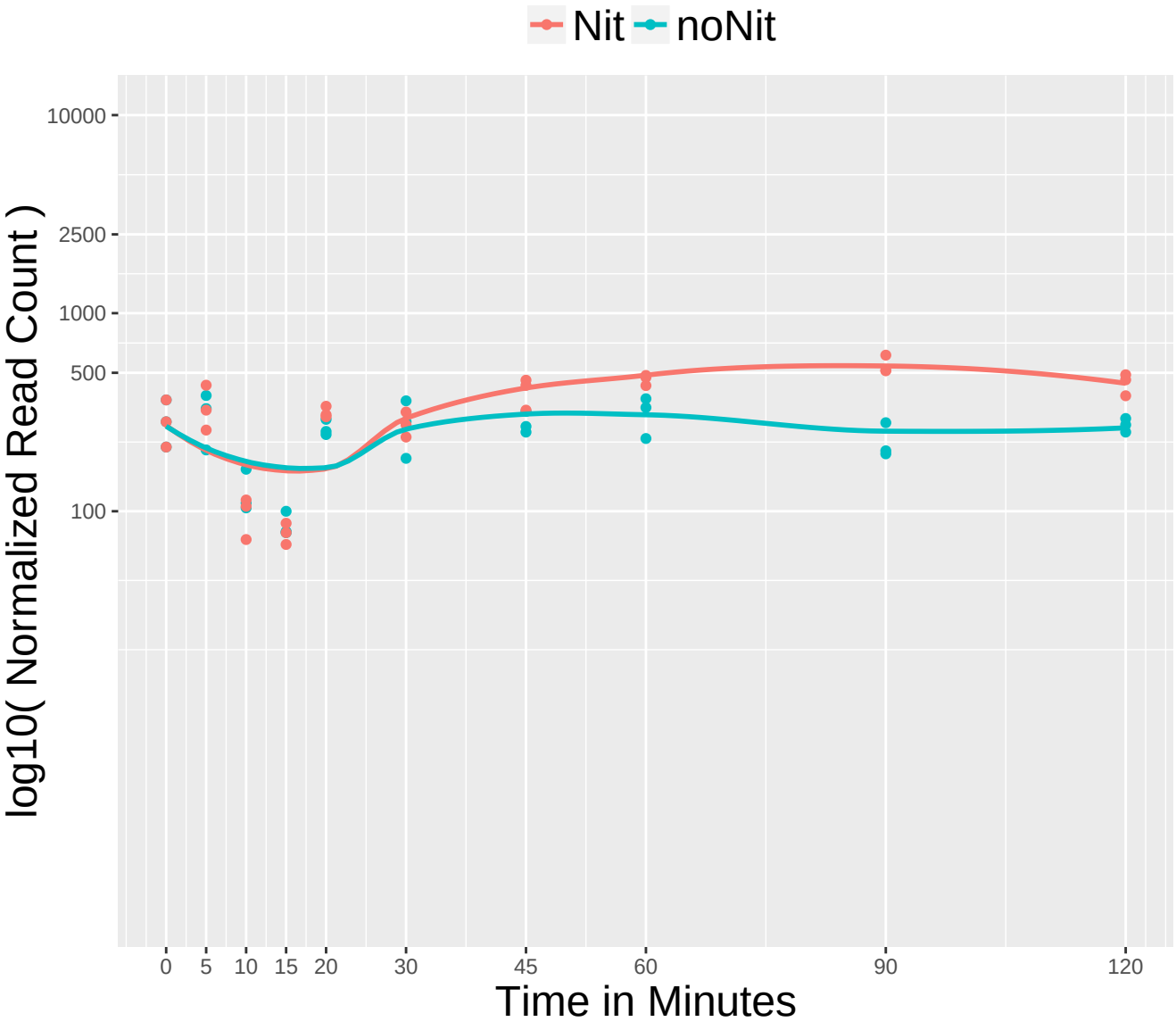
Cysteine/Histidine−rich



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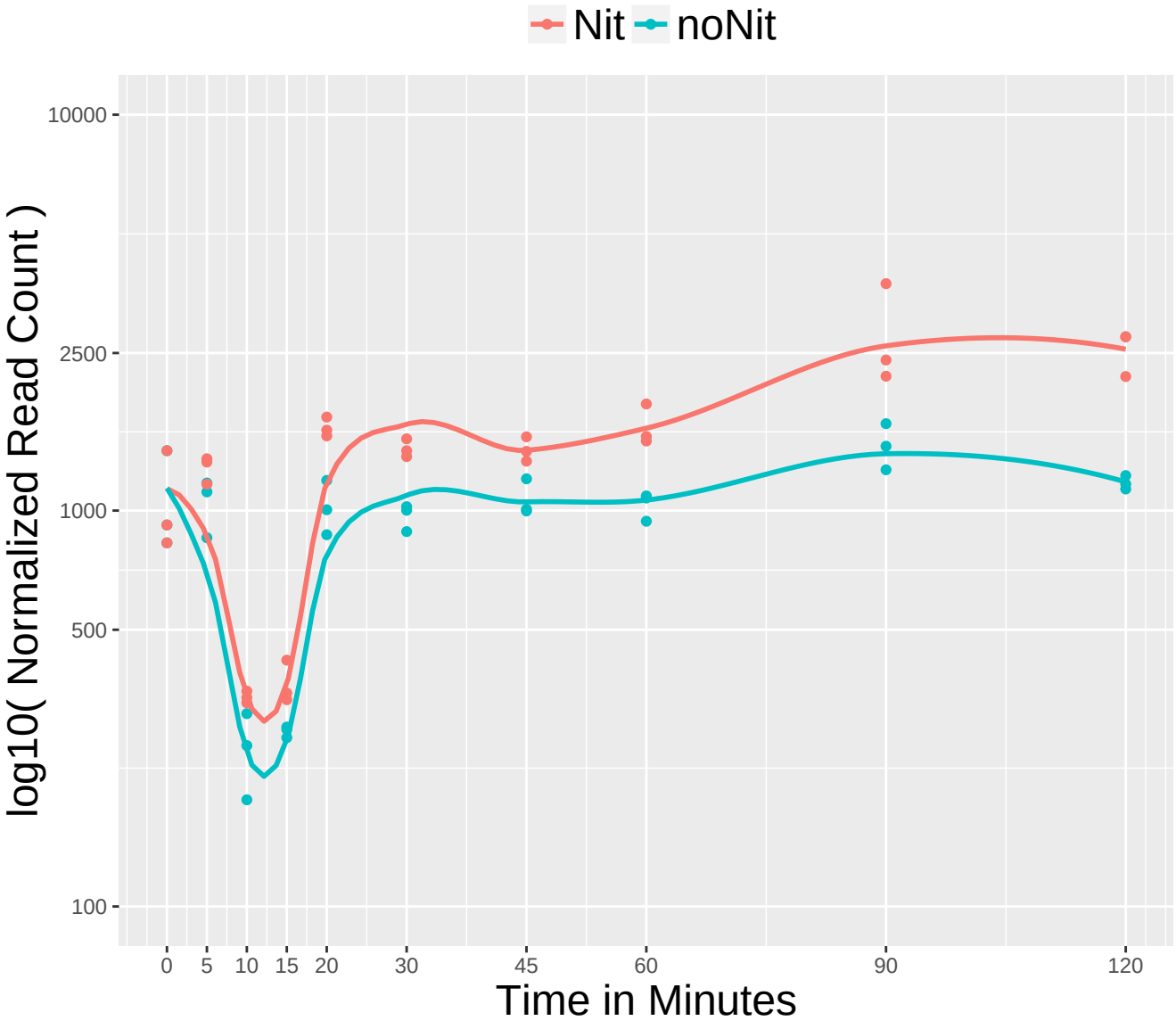
AtPP2−A11,phloem



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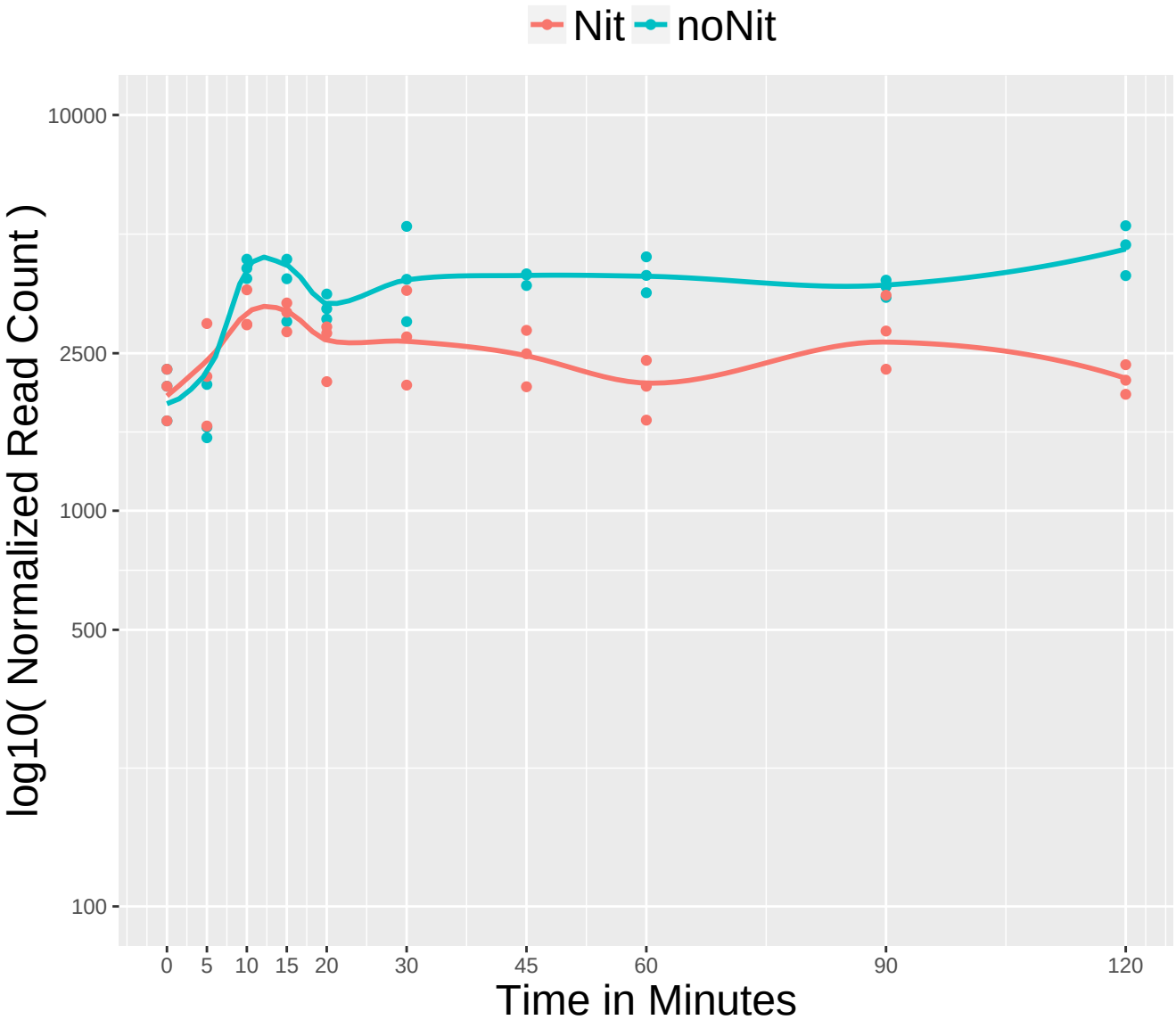

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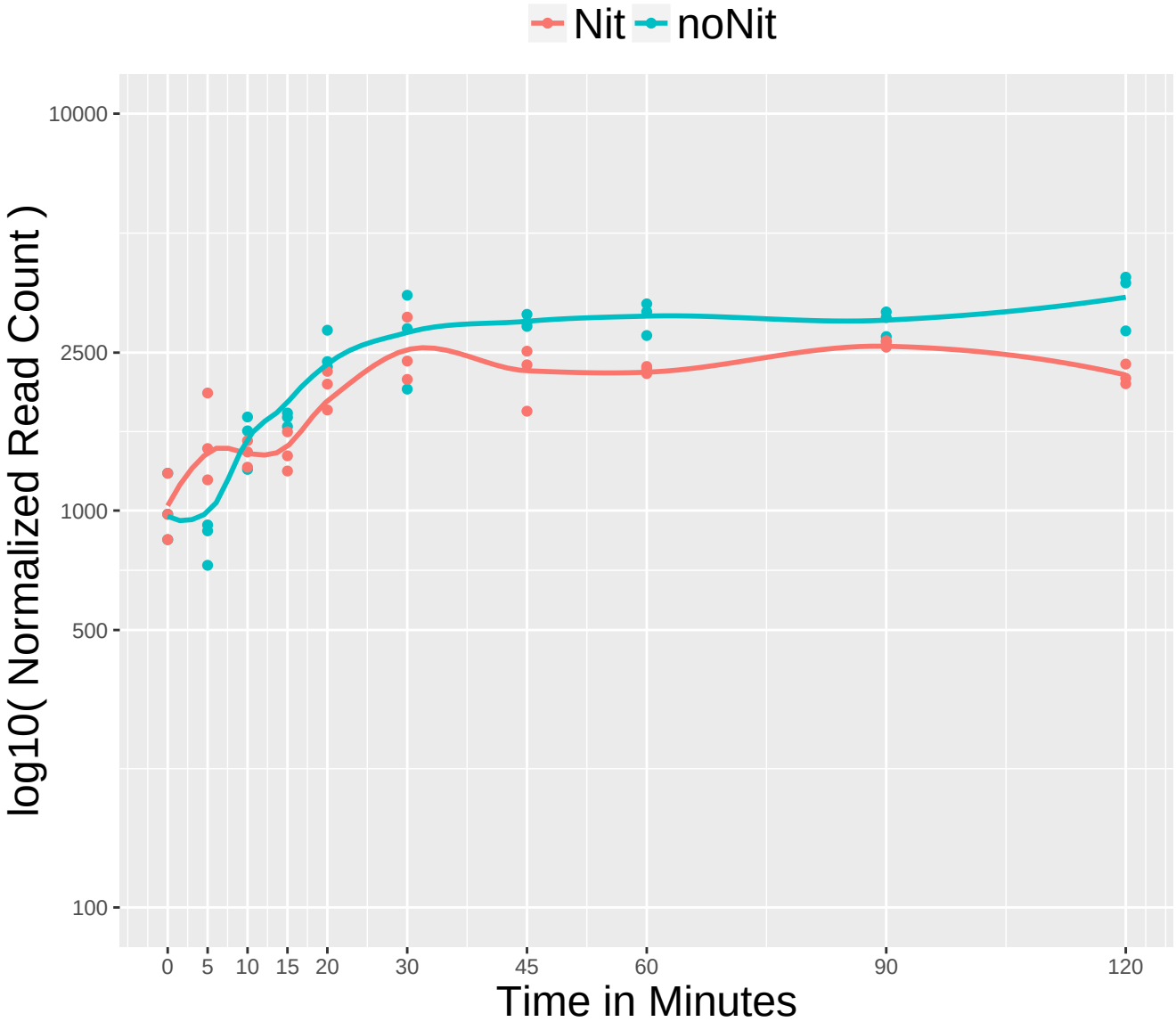

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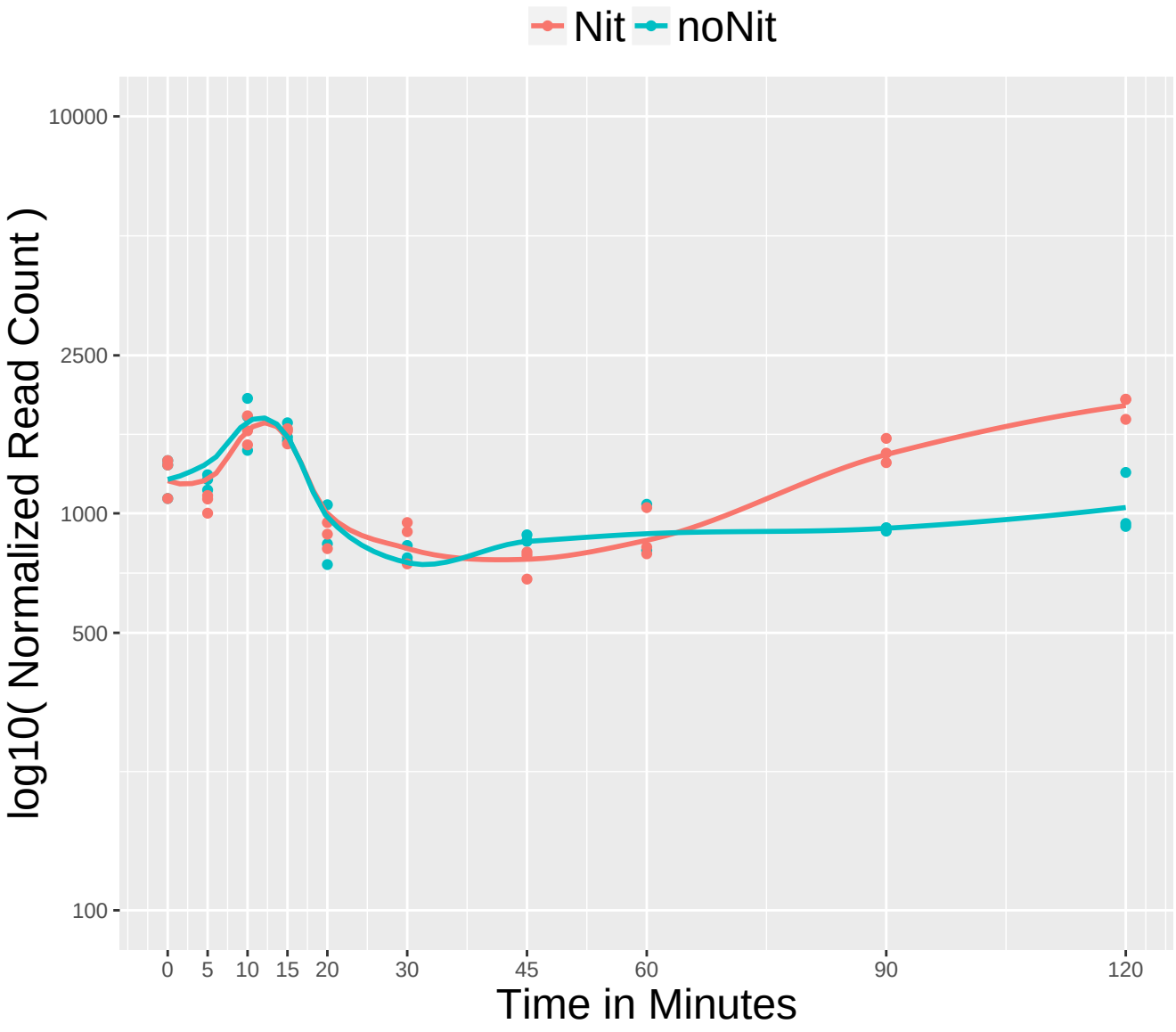

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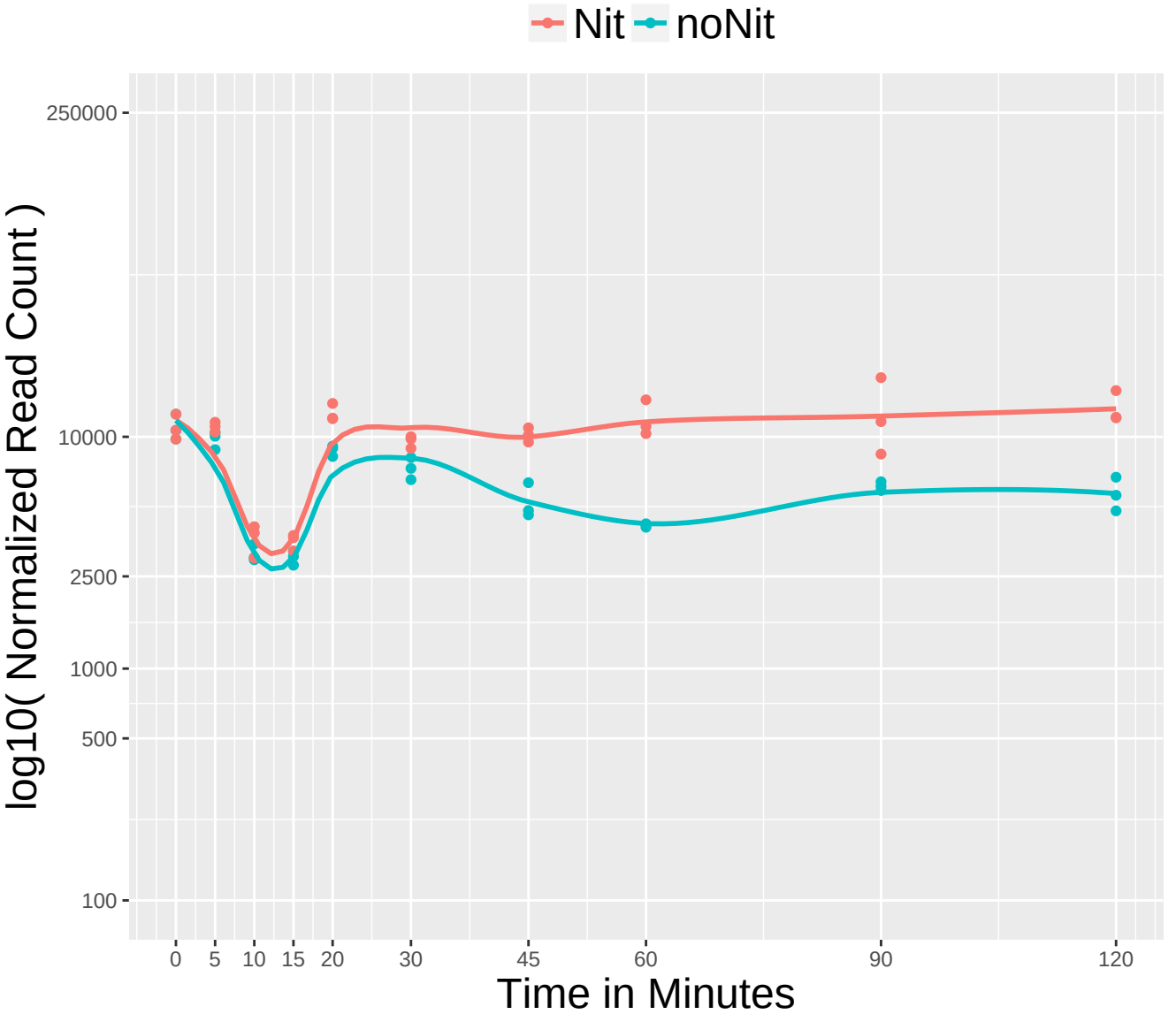
ACO1,ACC



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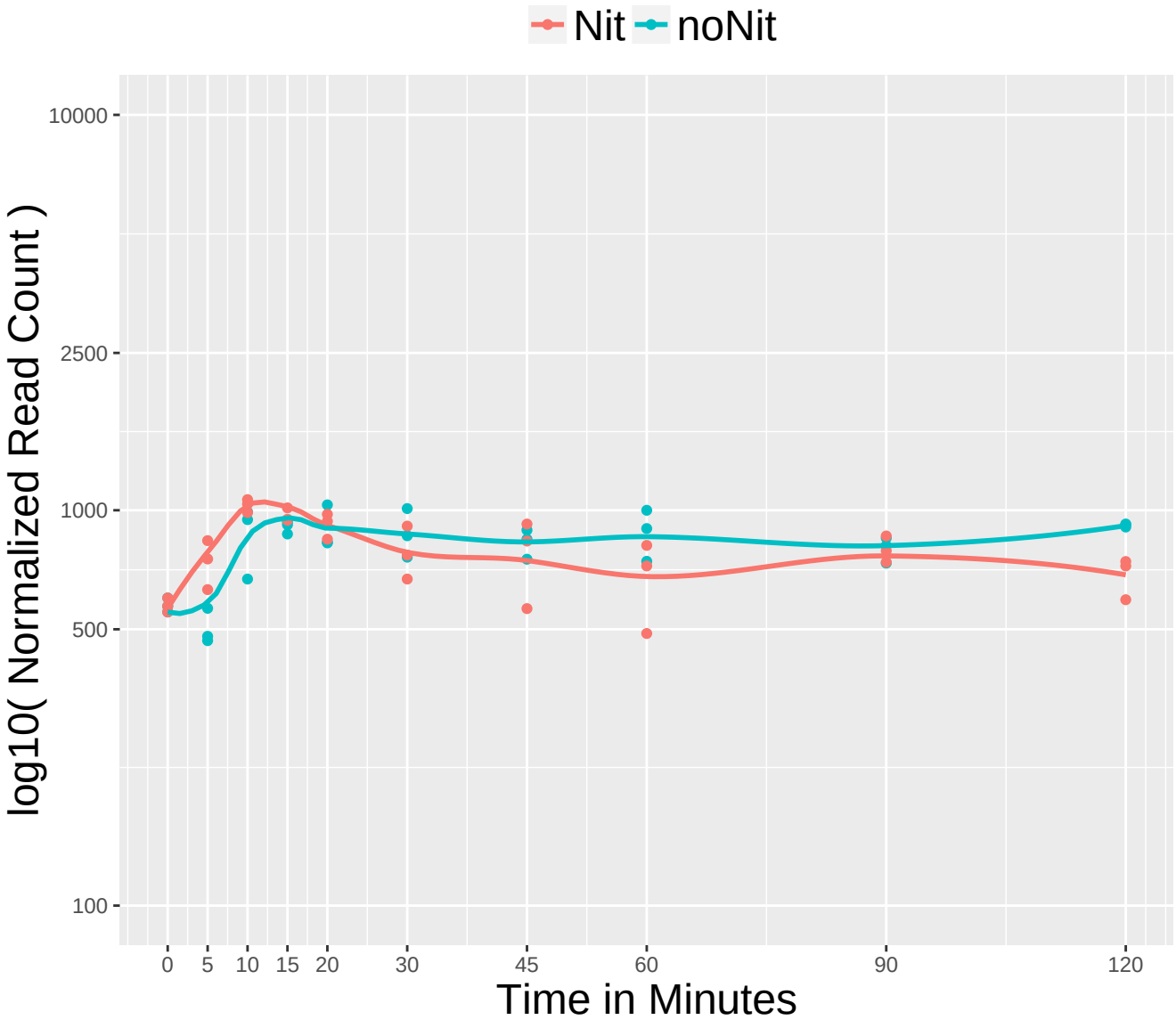

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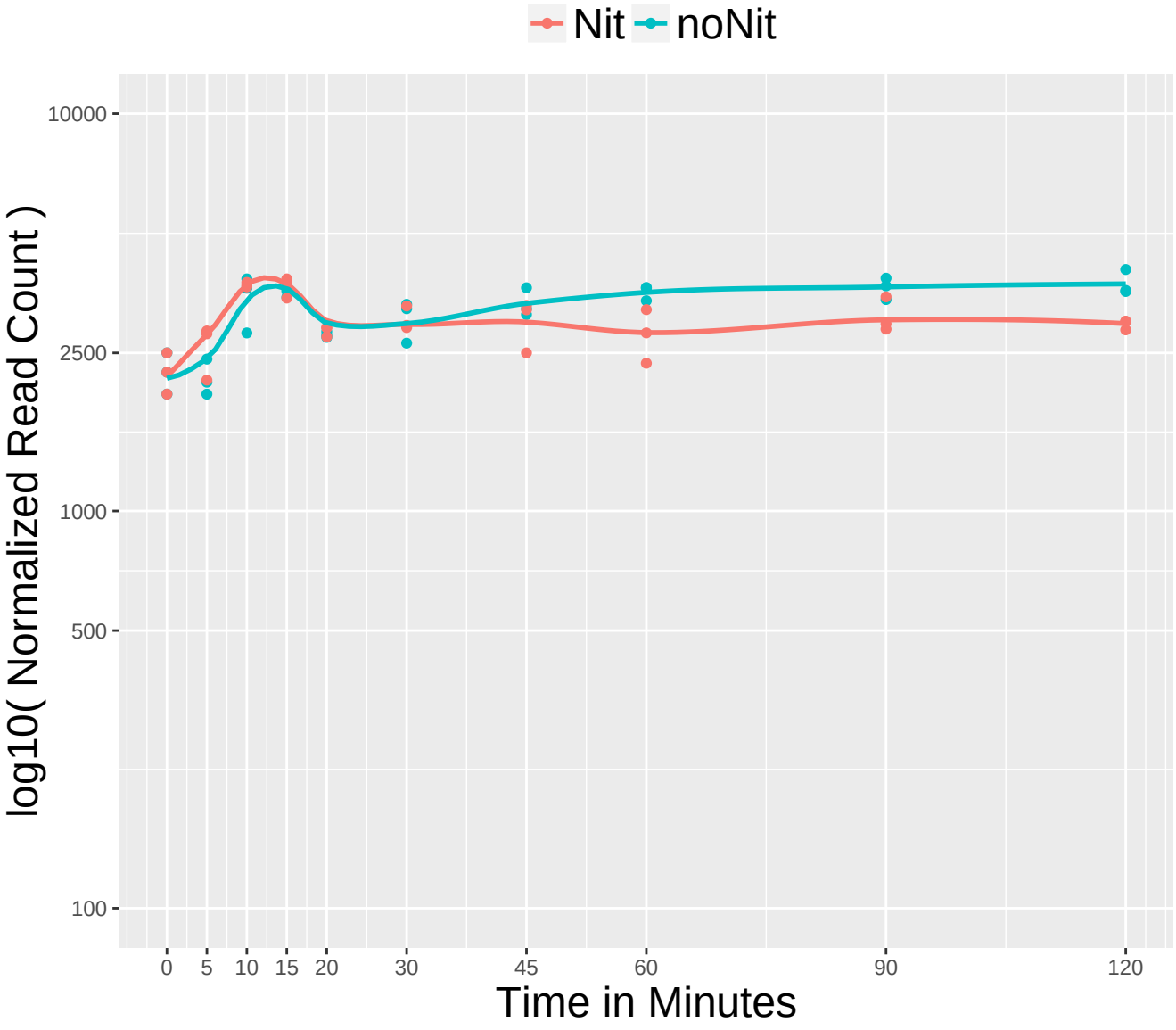

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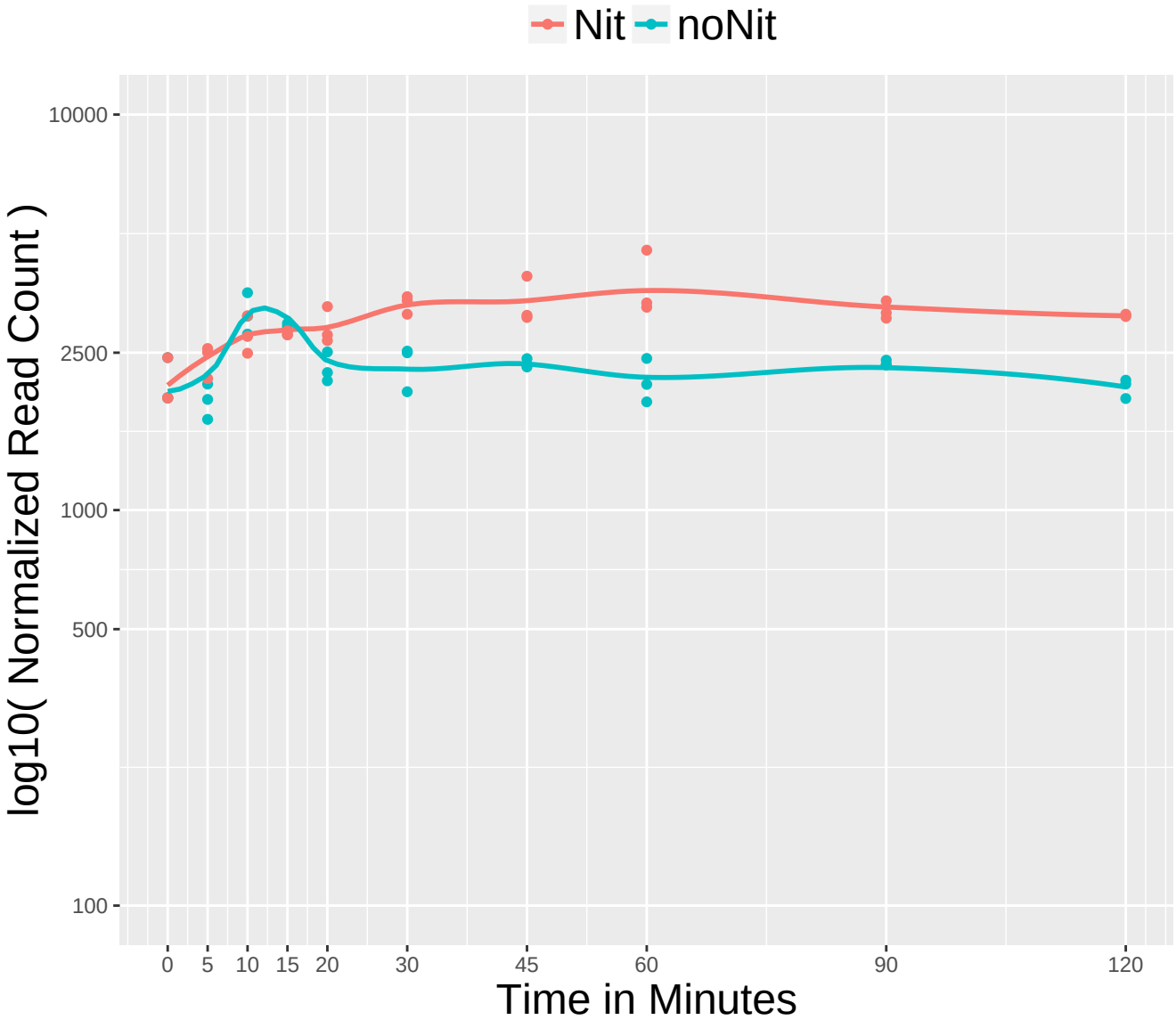
ATPH1,pleckstrin



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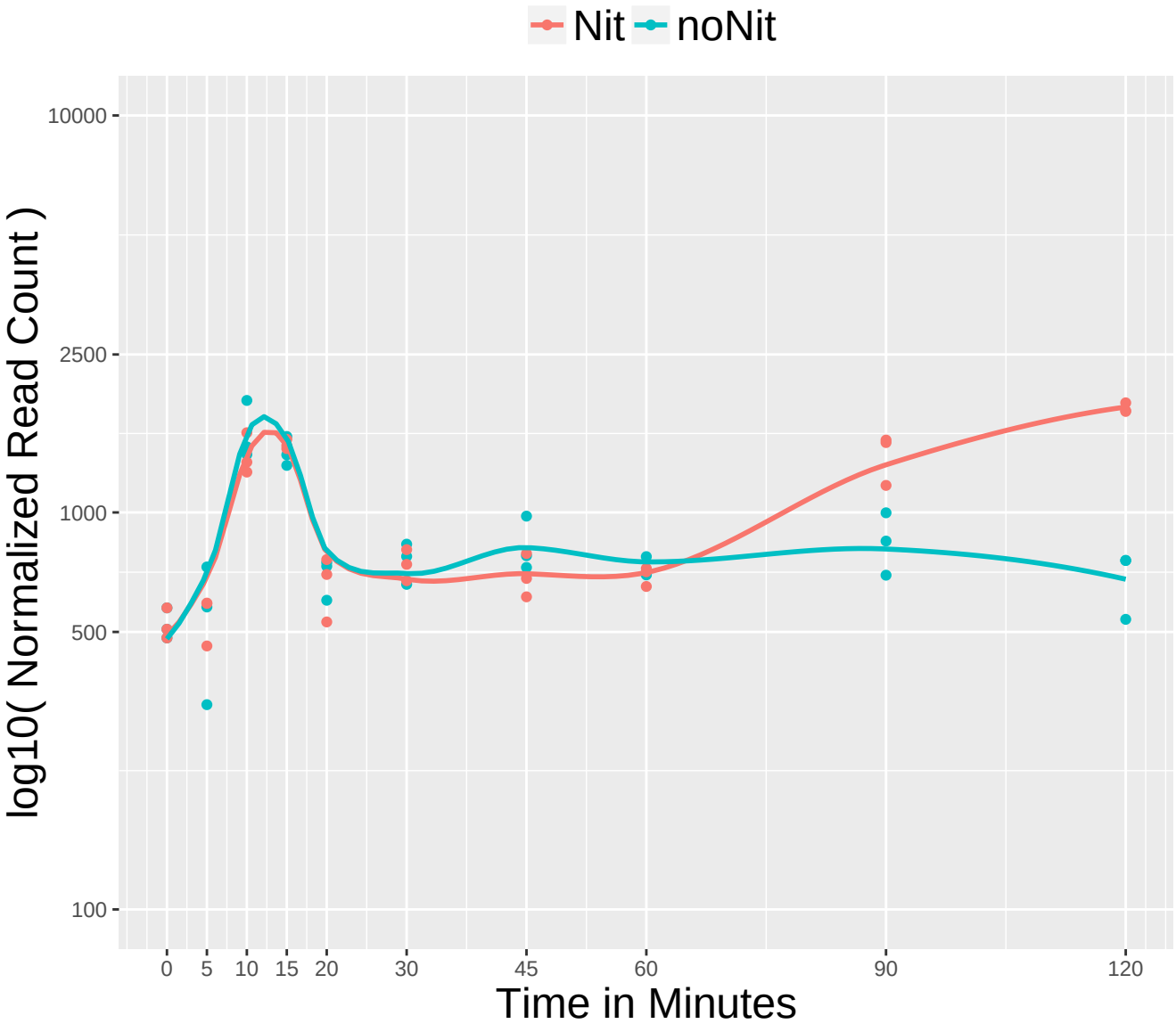
PIP2;3,PLASMA



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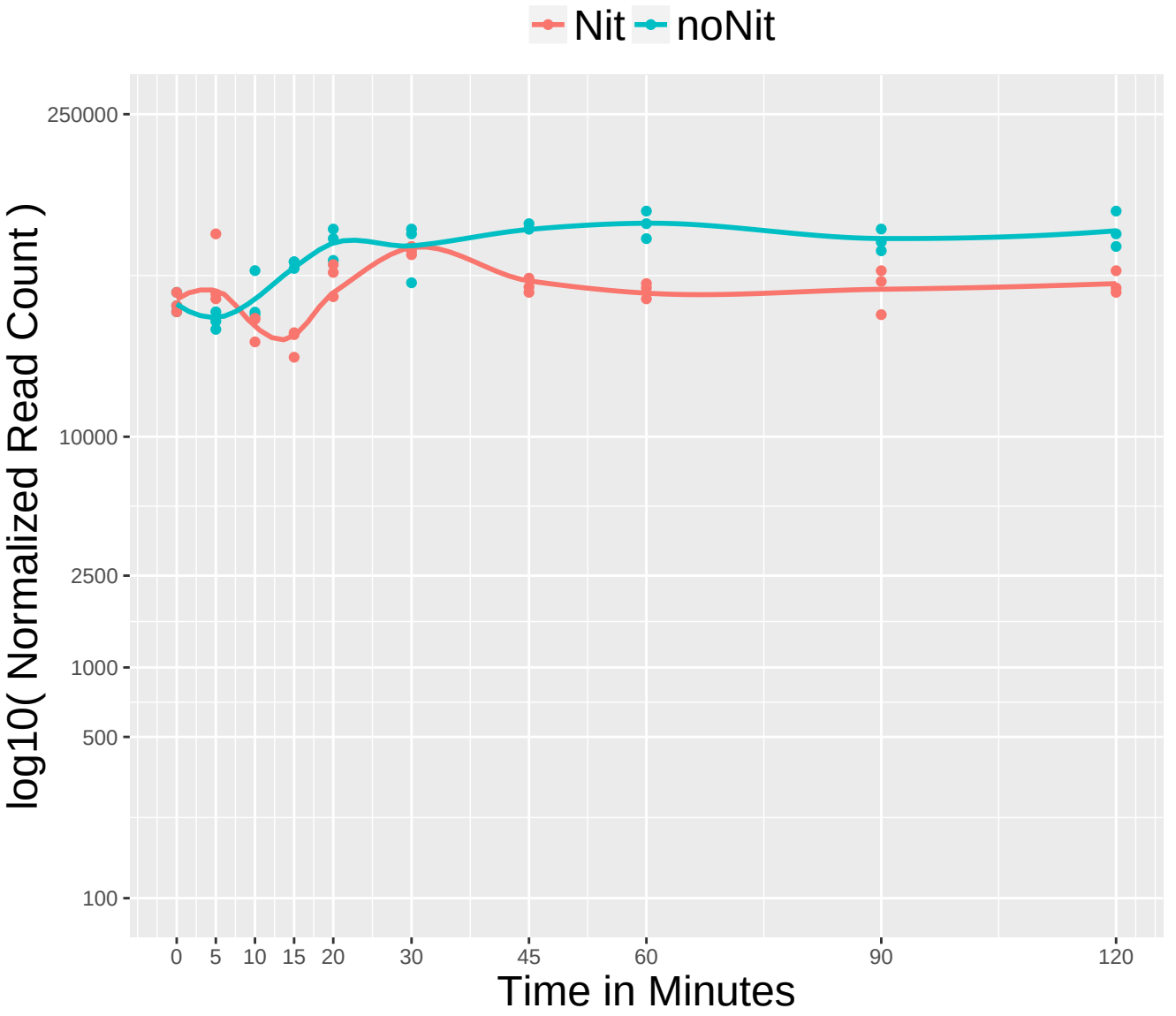
ALPHA−DOX1,alpha−dioxygenase



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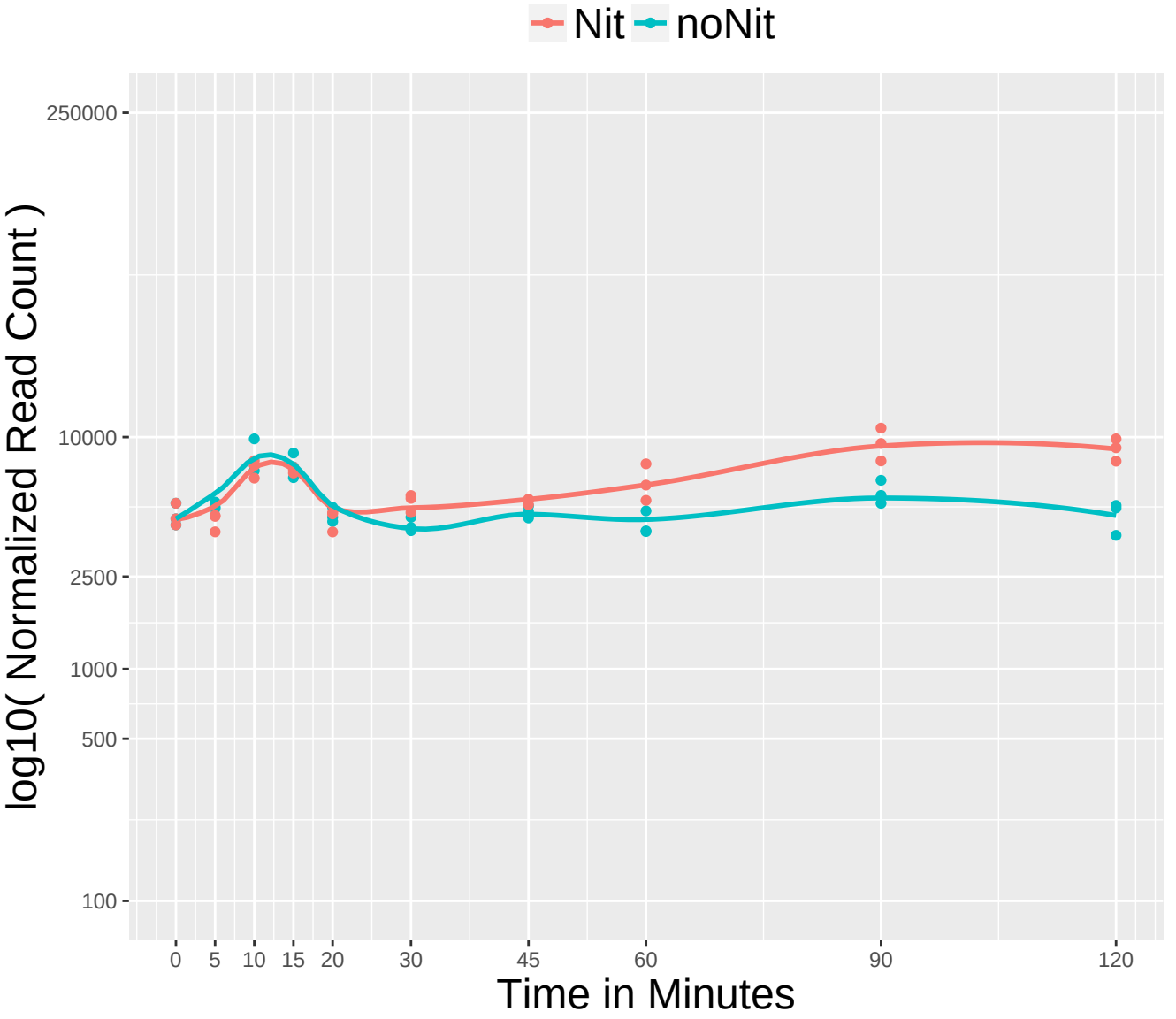
DJC66,DNA



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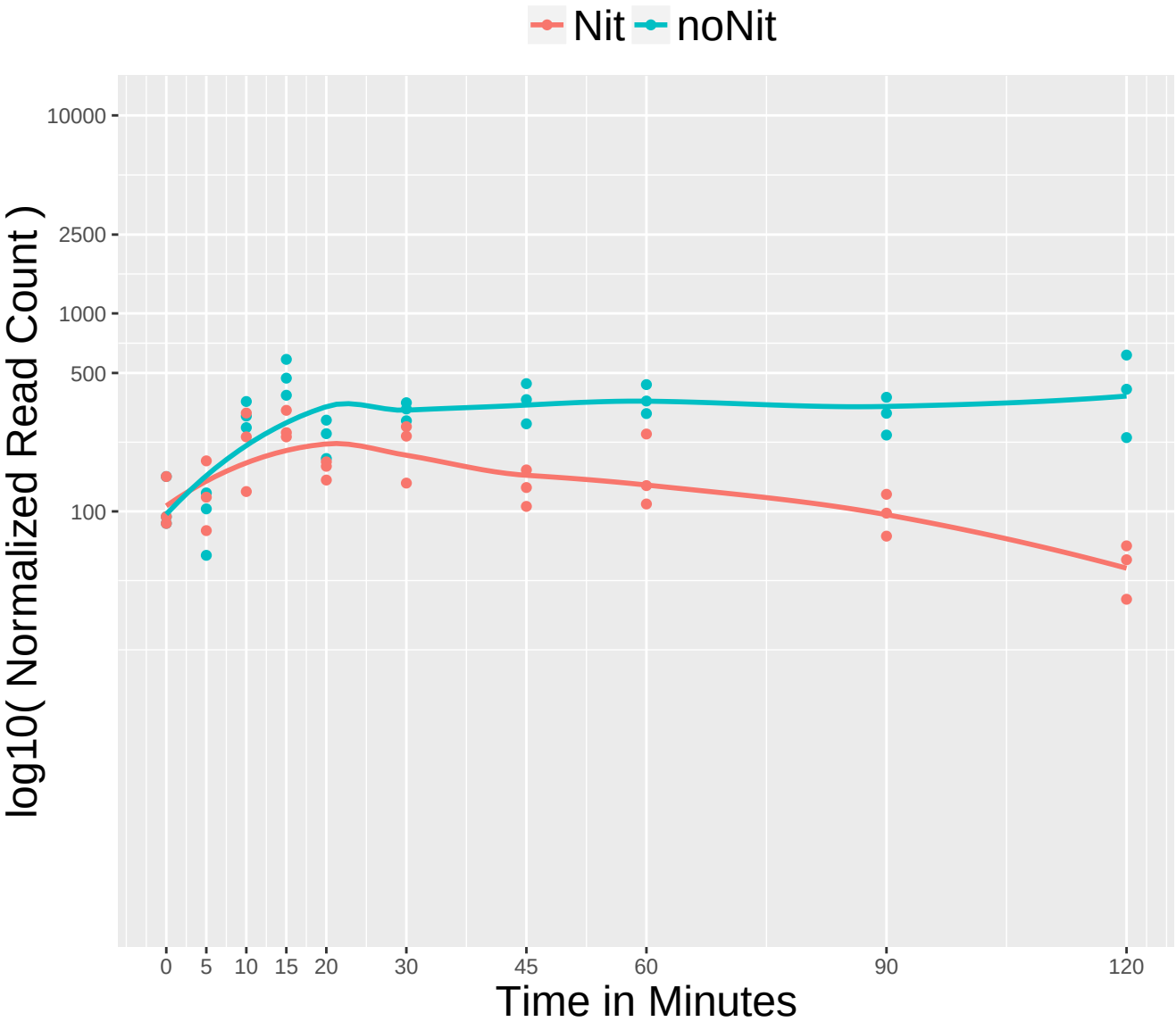
ABCG16,ATP−binding



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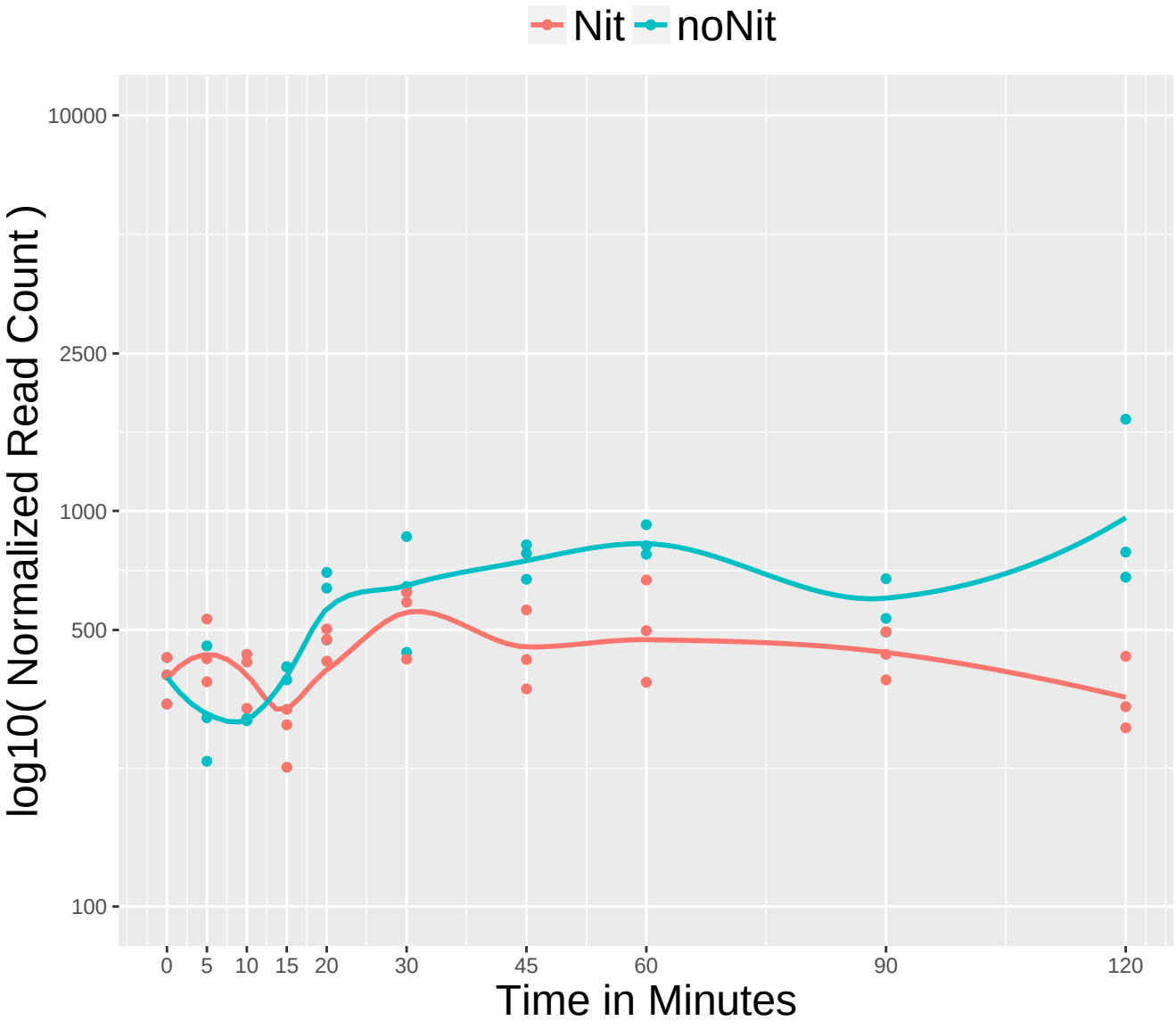

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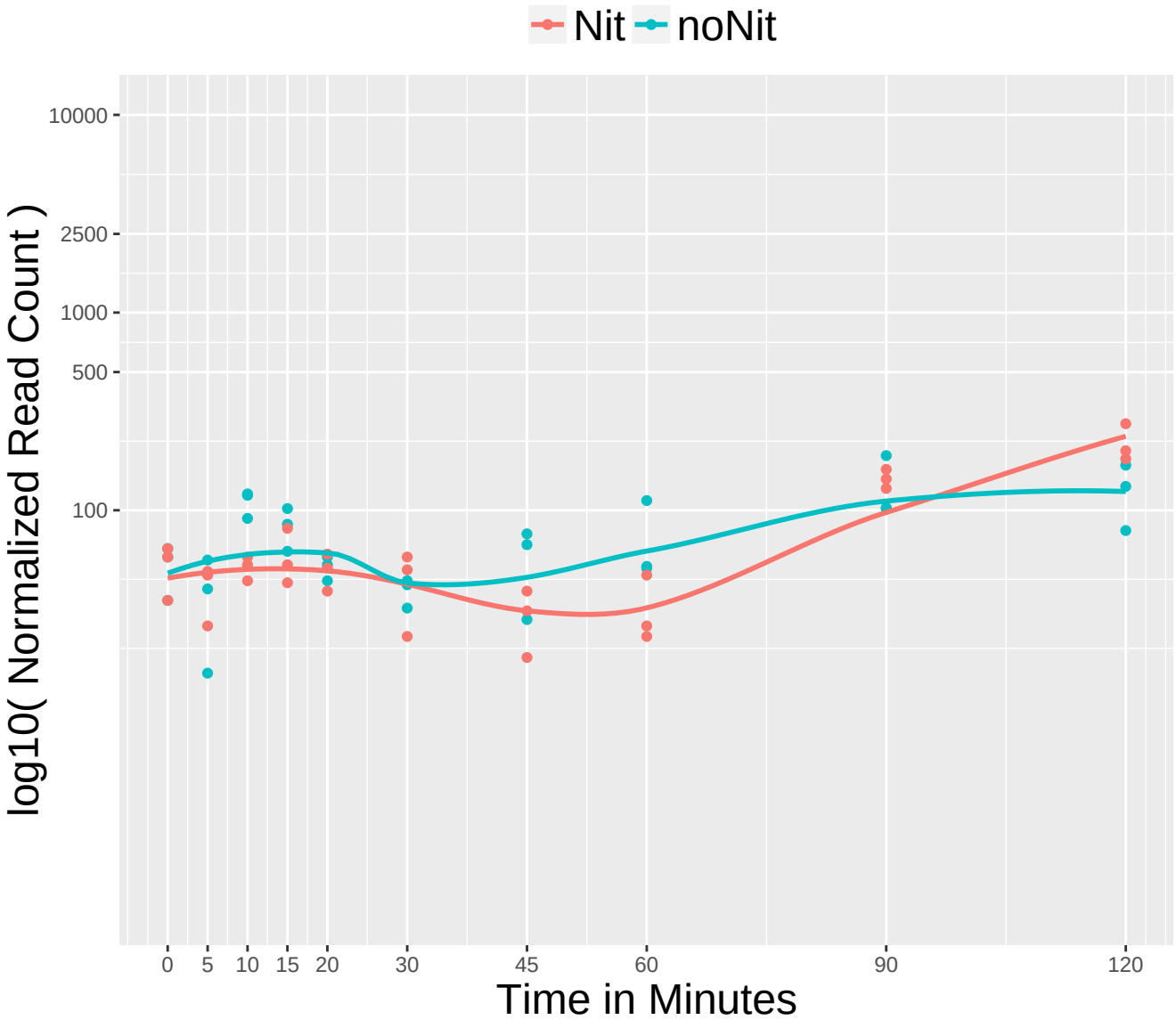
AtMYB79,myb



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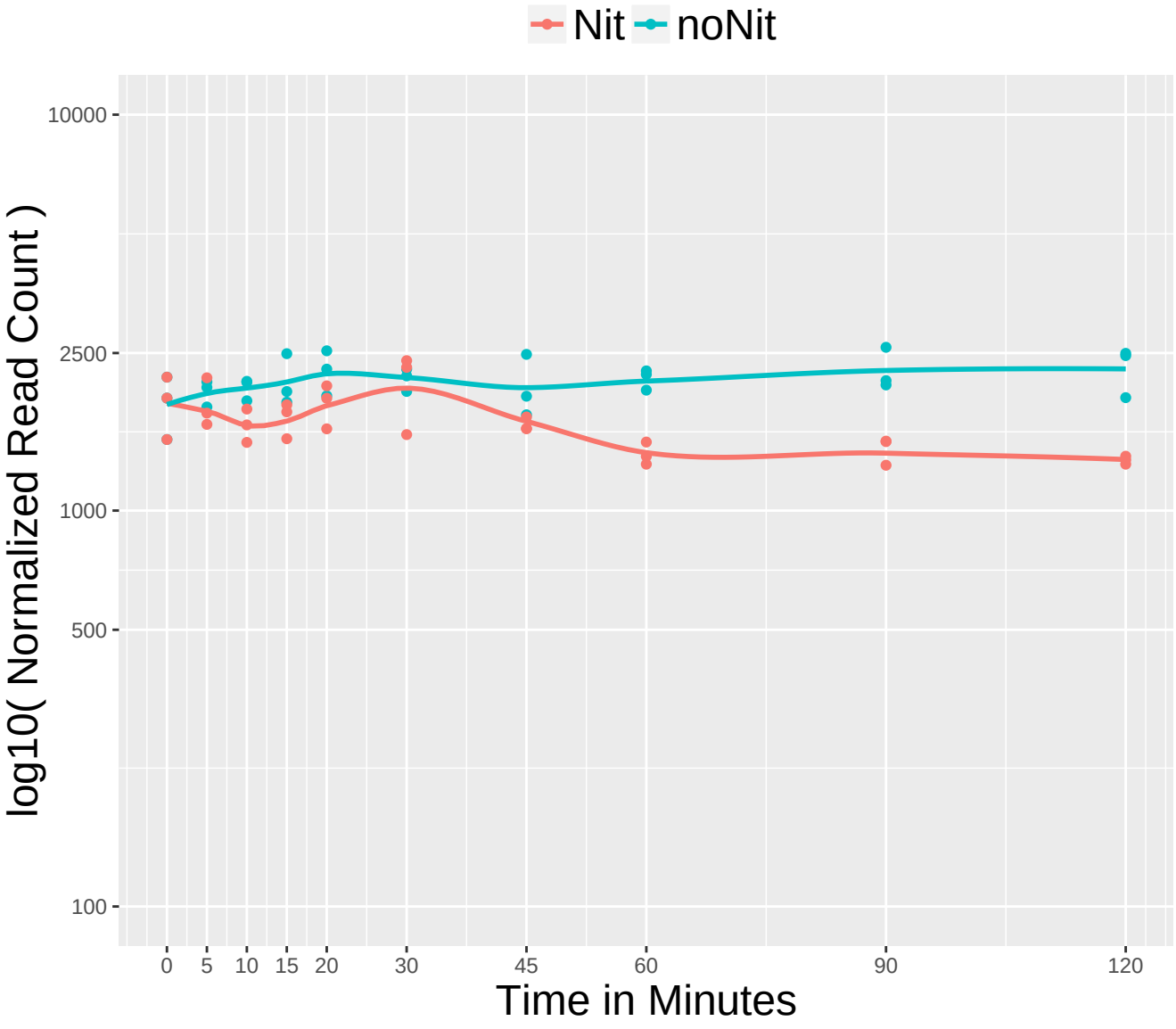
HHP2,heptahelical



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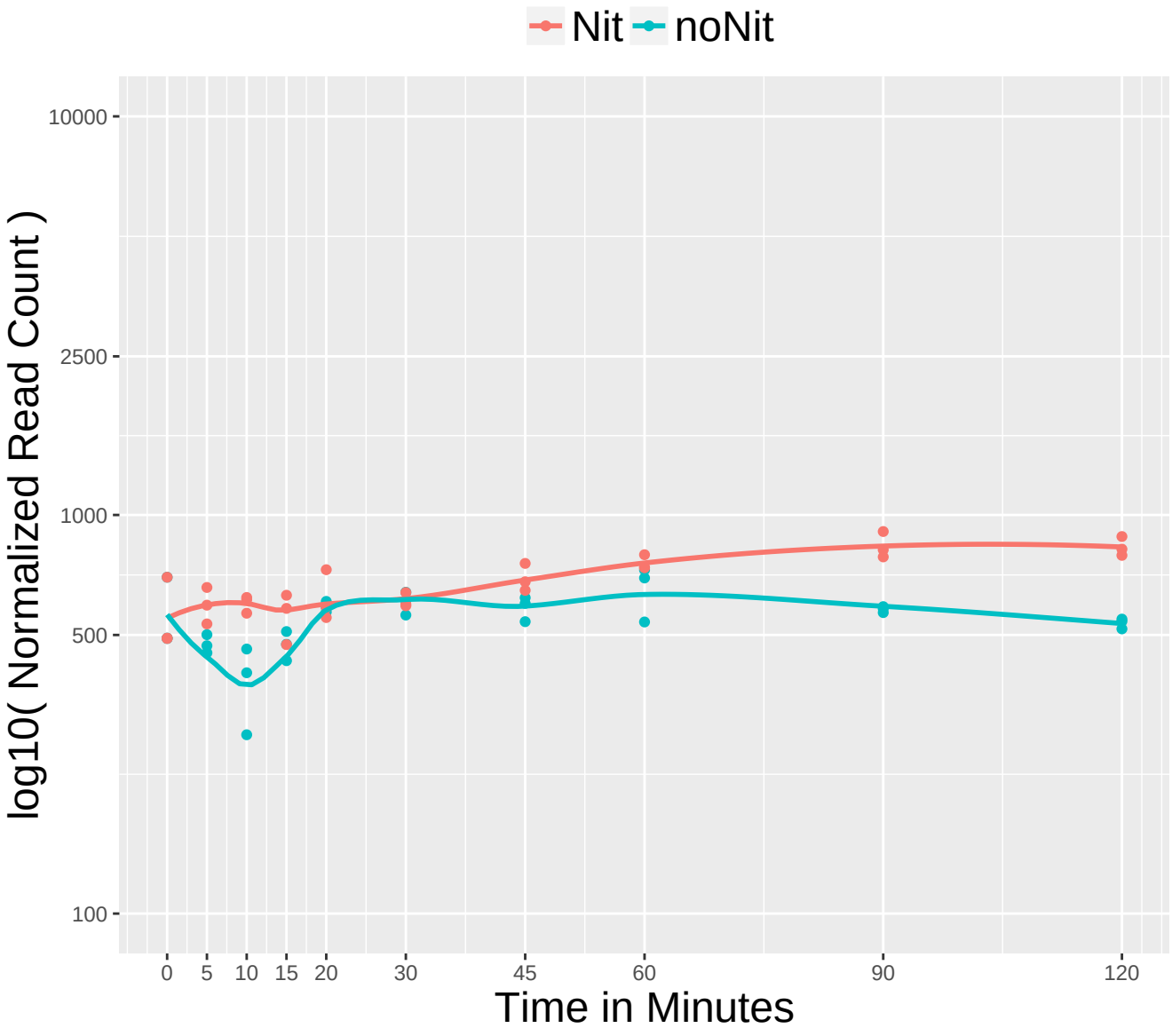
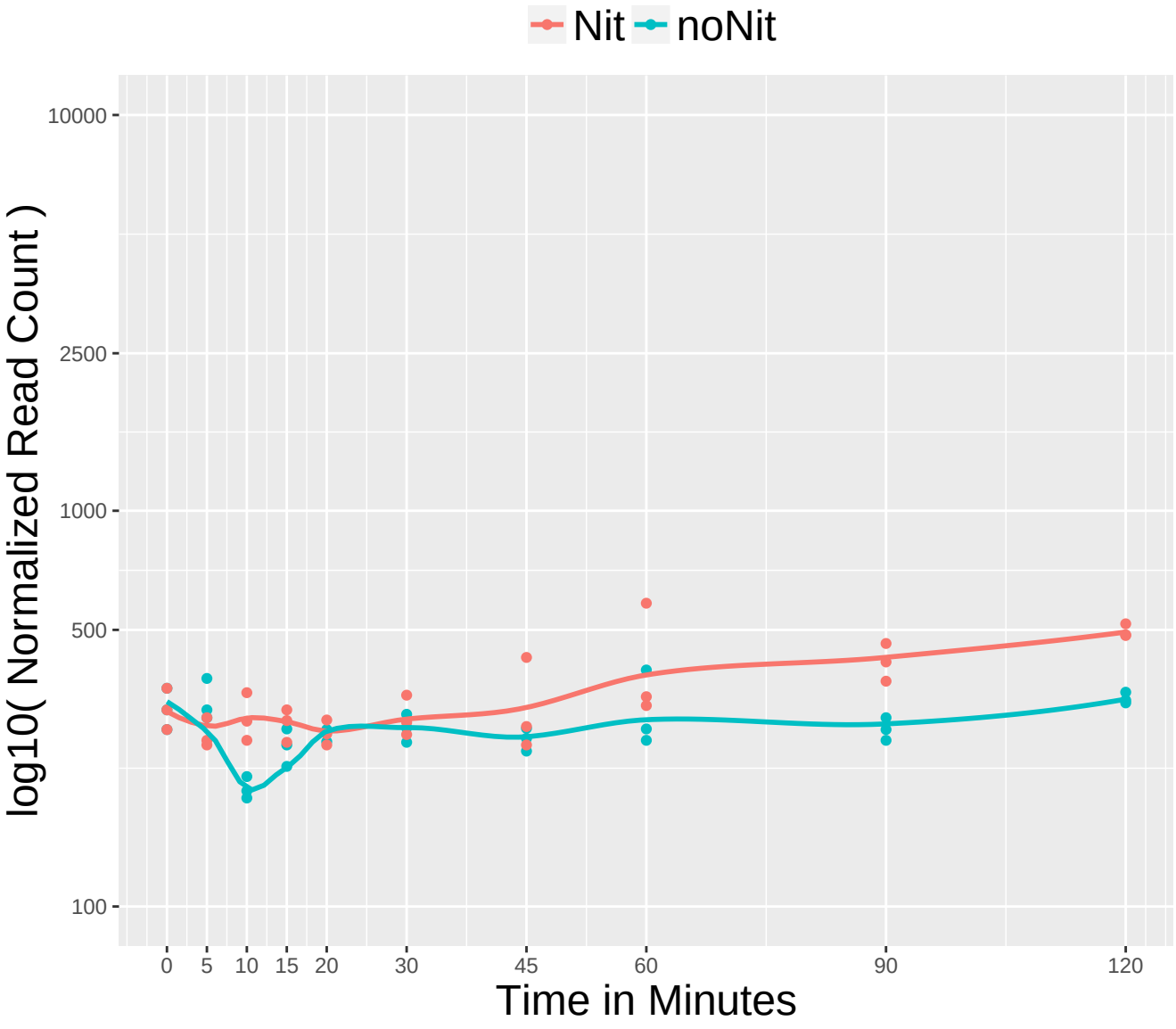


AT1G16650

S−adenosyl−L−methionine−dependent



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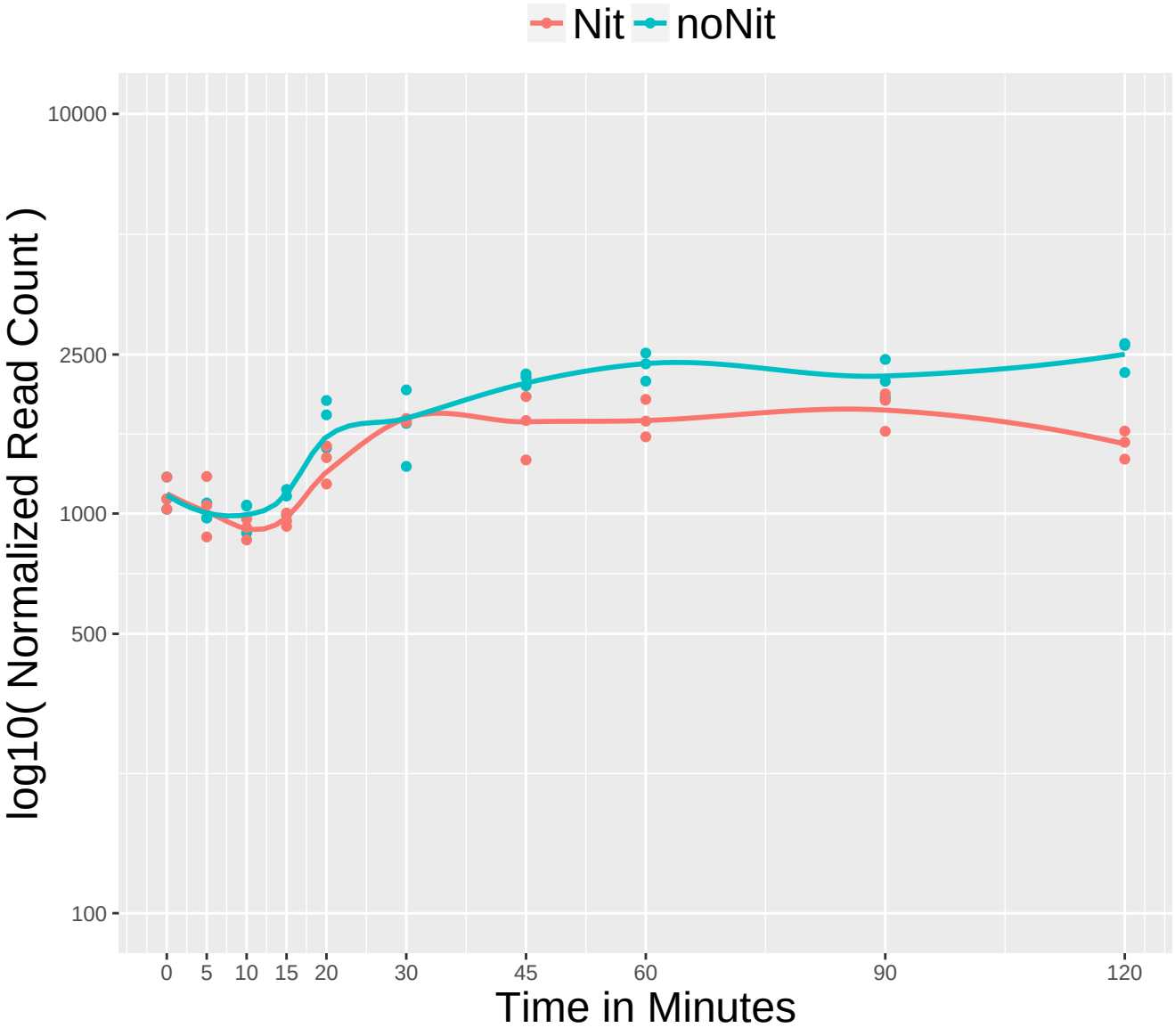
Protein



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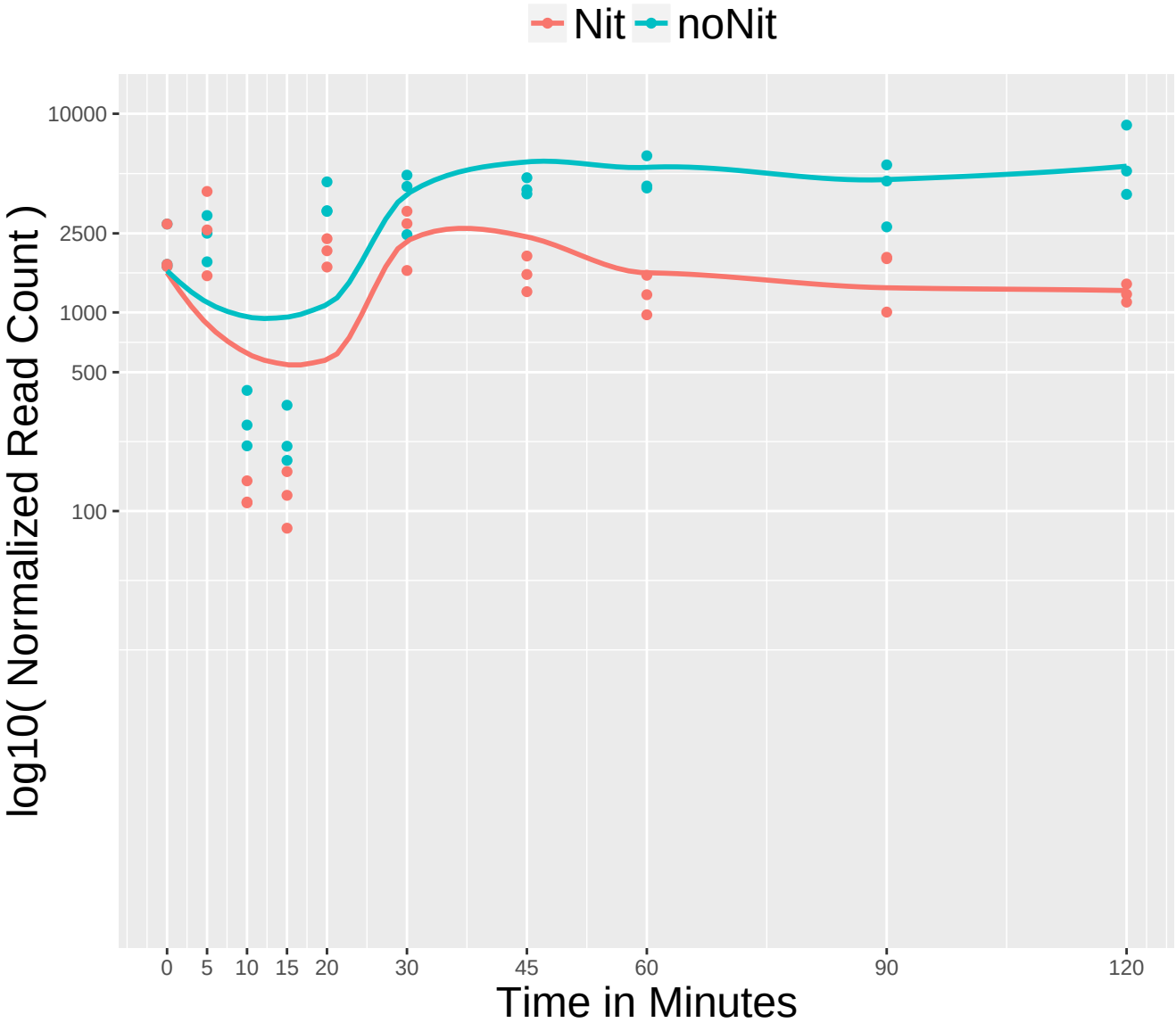
BGLU46,beta



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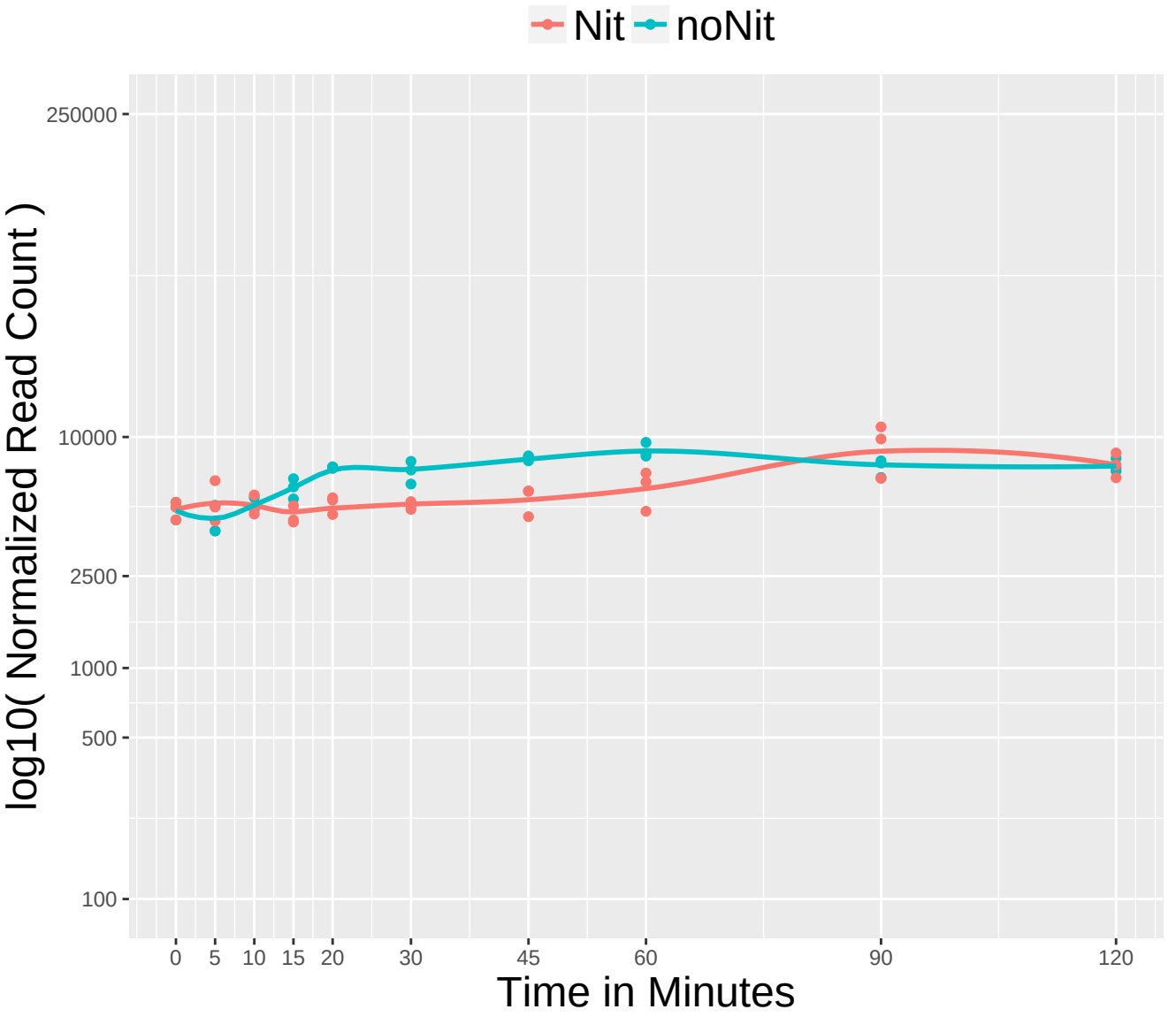
ATPAO4,polyamine



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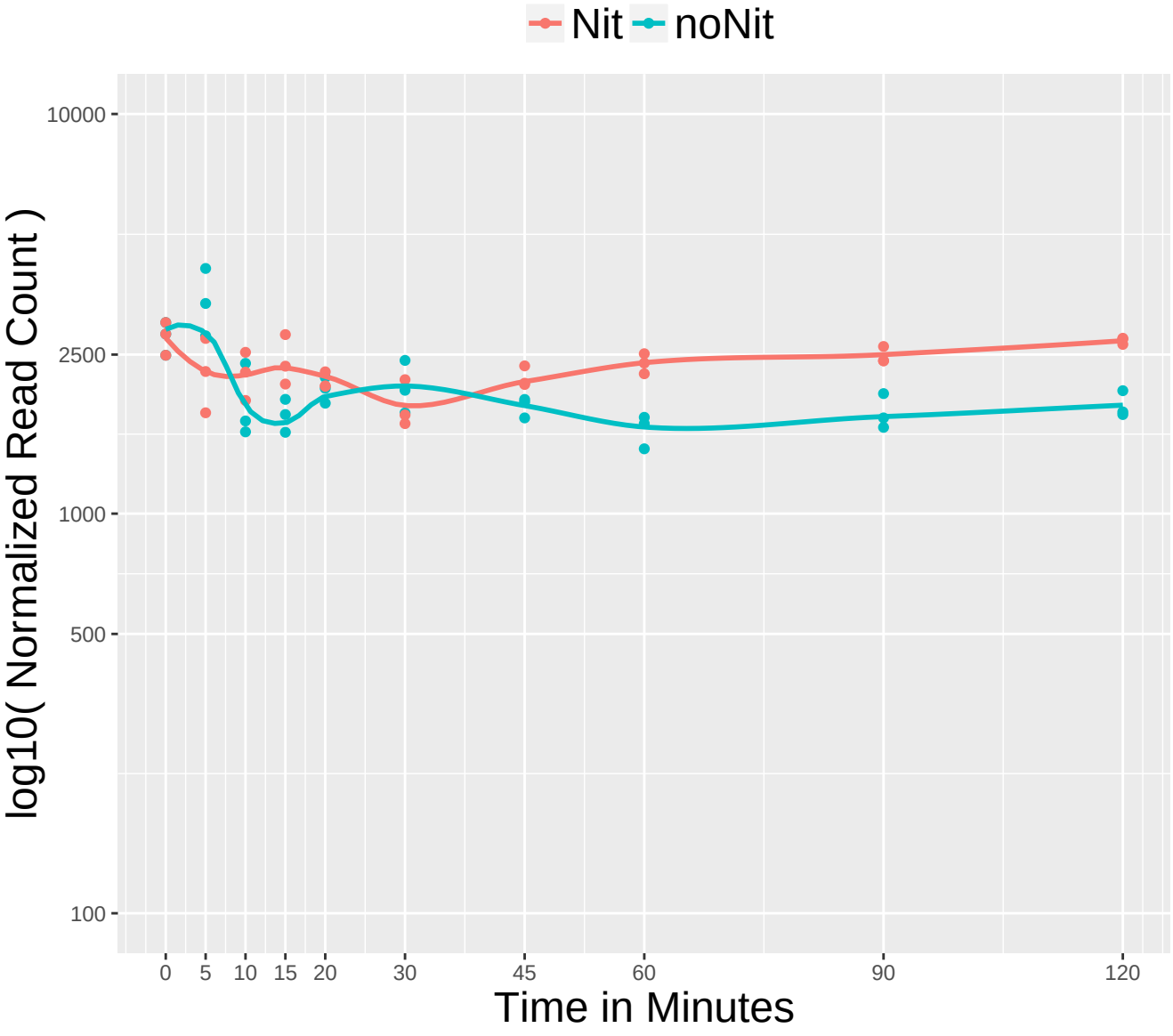
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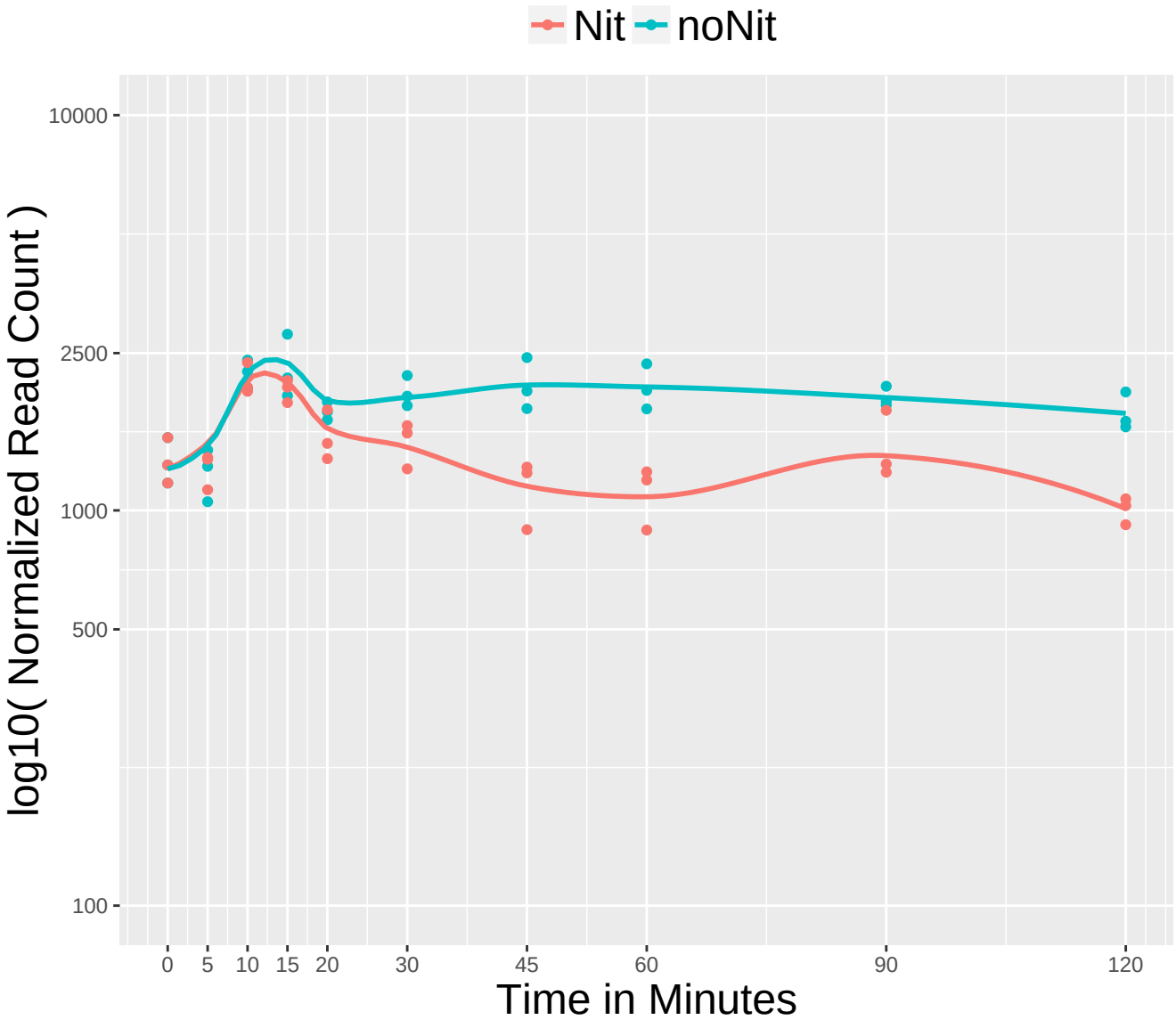
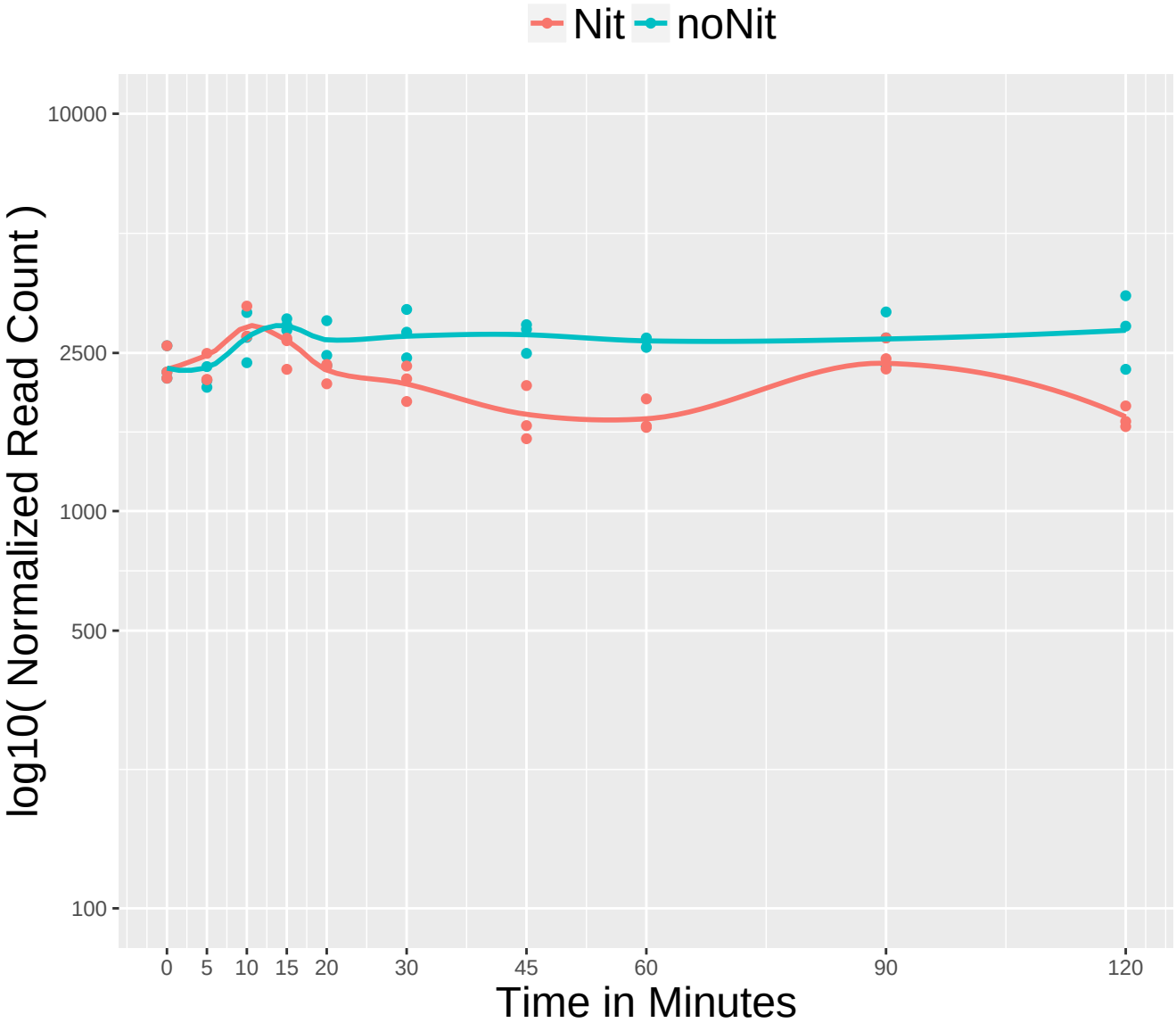
AT1G71960

ABCG25,ATP−binding



AT2G30950

FTSH2,,VAR2,VARIEGATED



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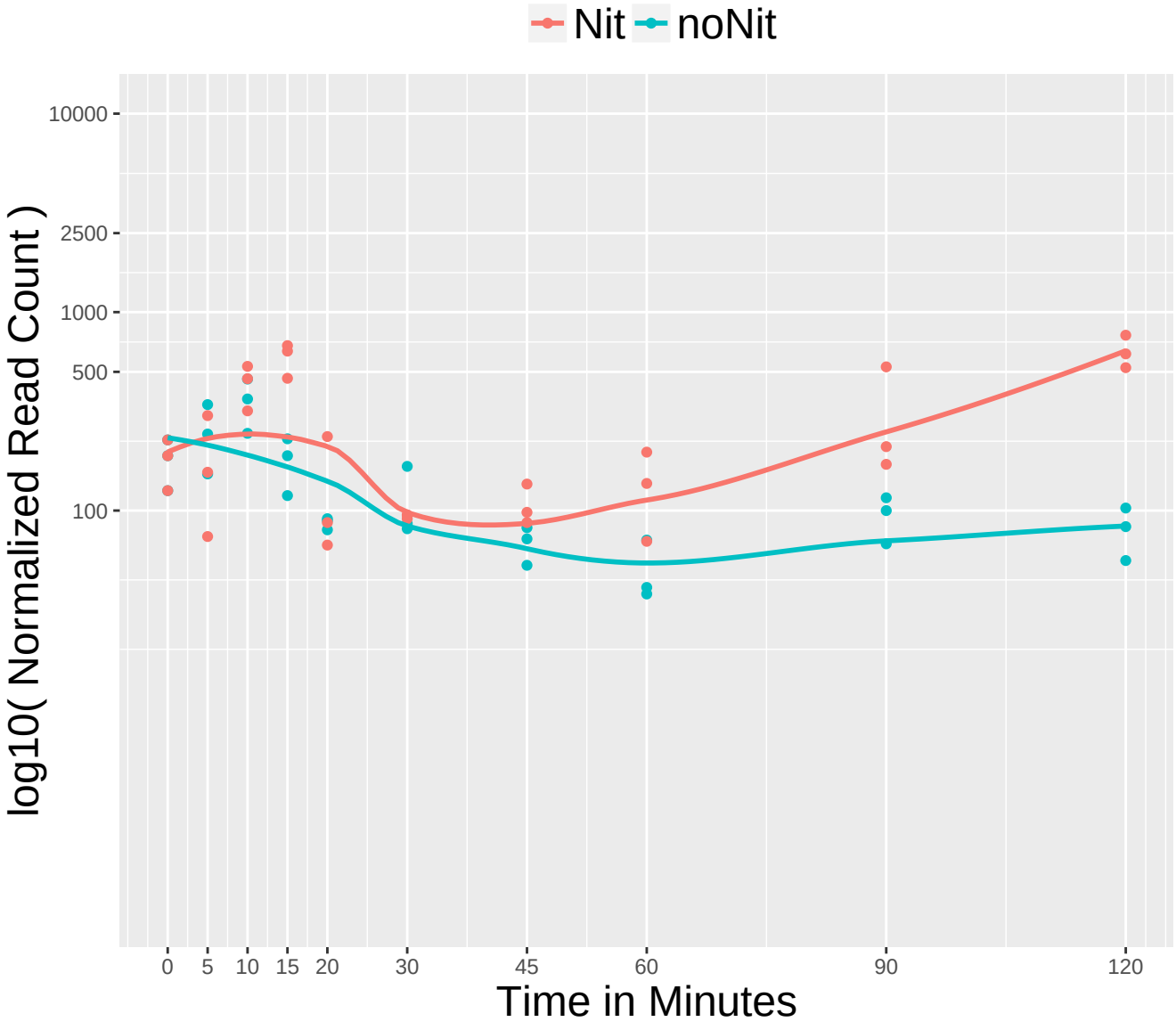
ATPDX1.1,ARABIDOPSIS



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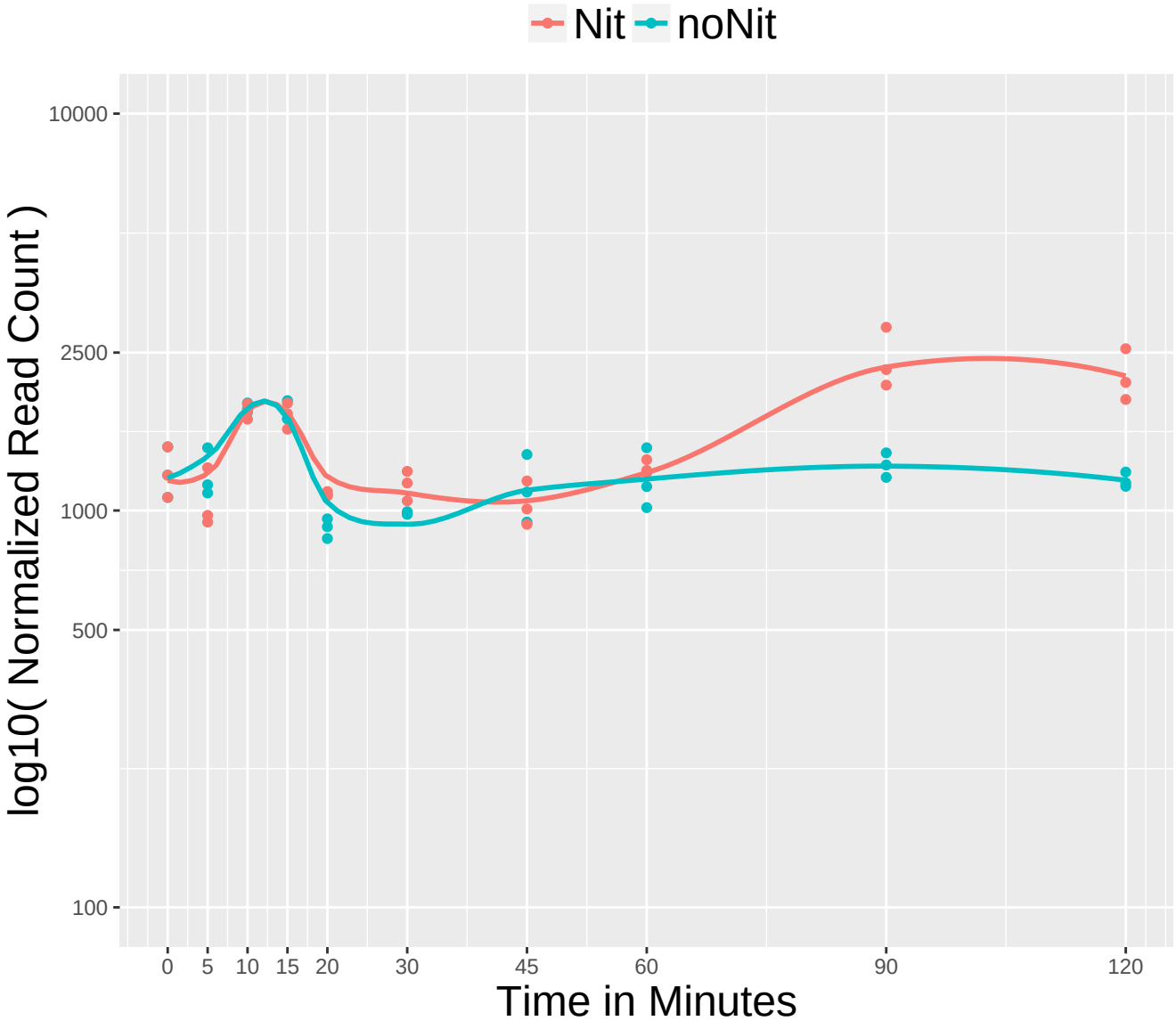
MAX2,MORE



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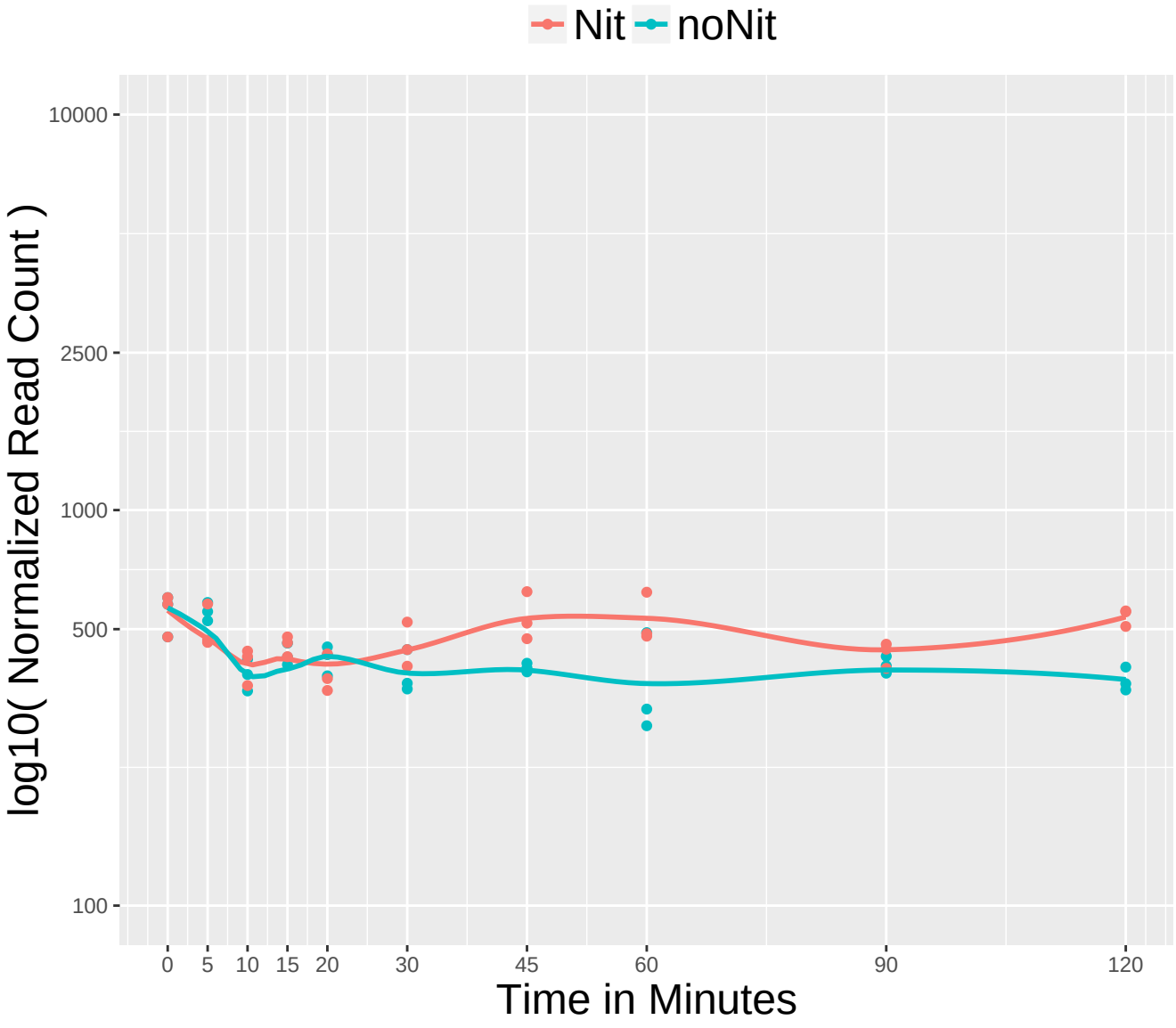

AT3G24450

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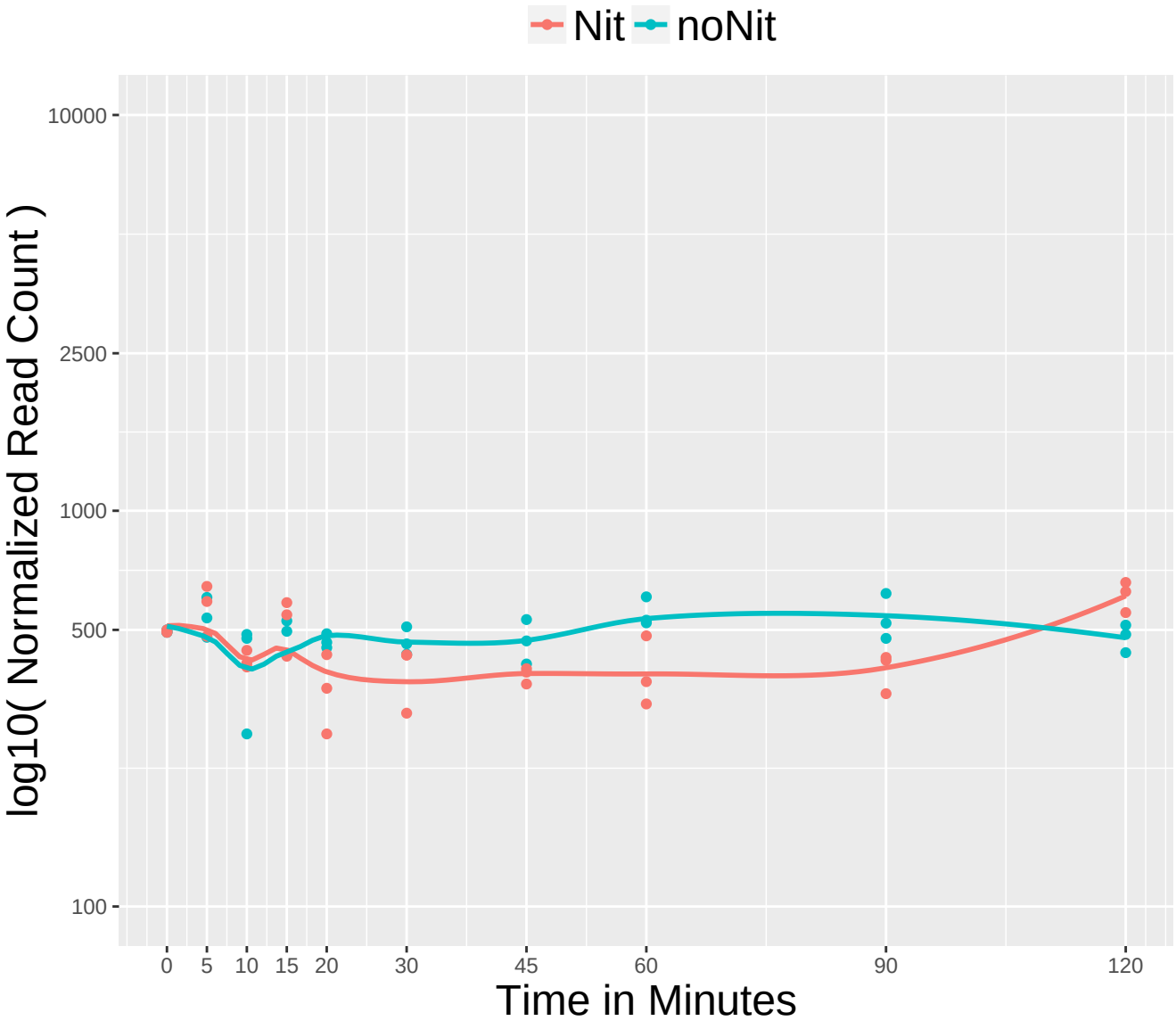
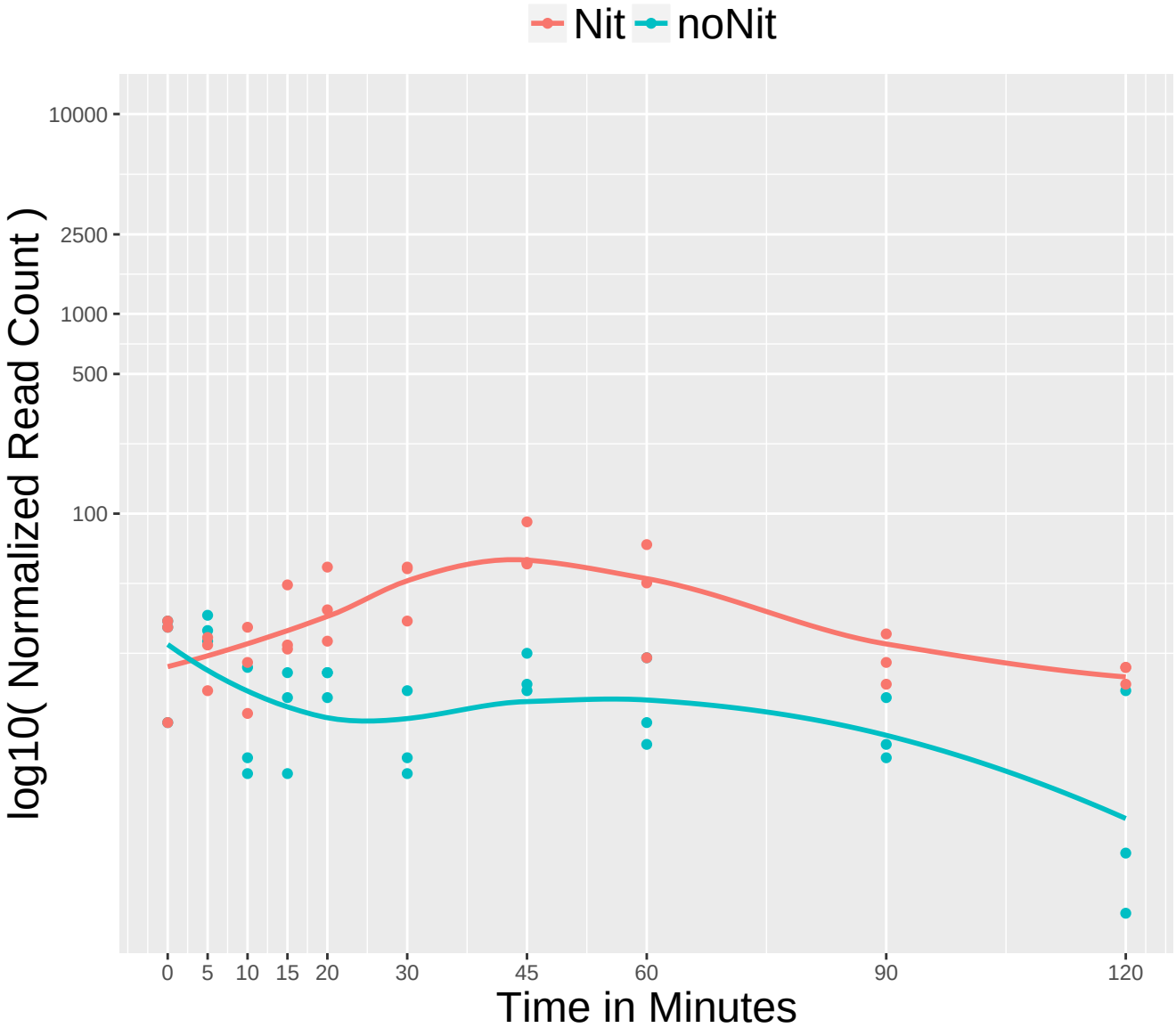


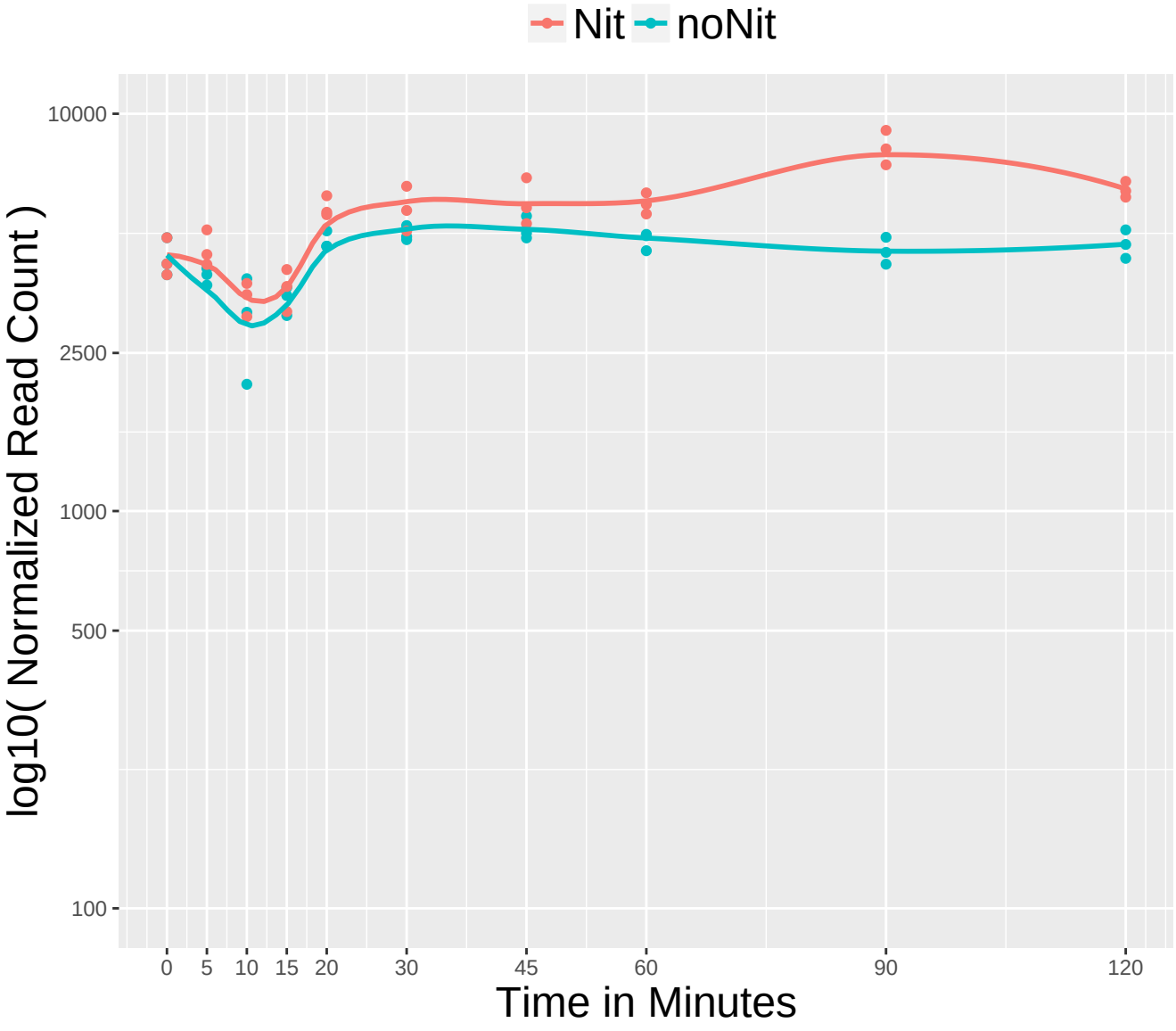
AT3G44060

F−box/RNI−like



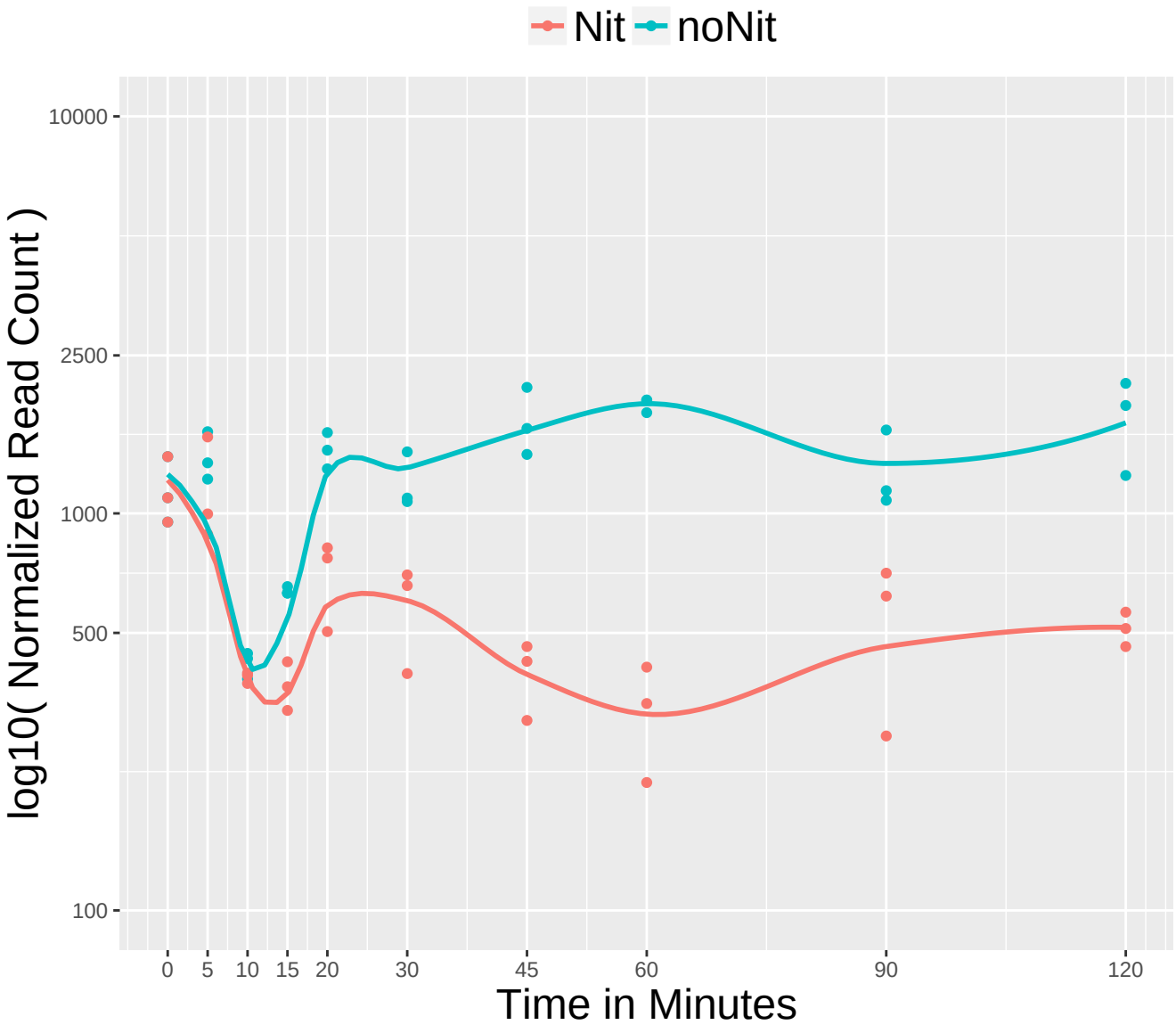
AT3G55610

P5CS2,delta



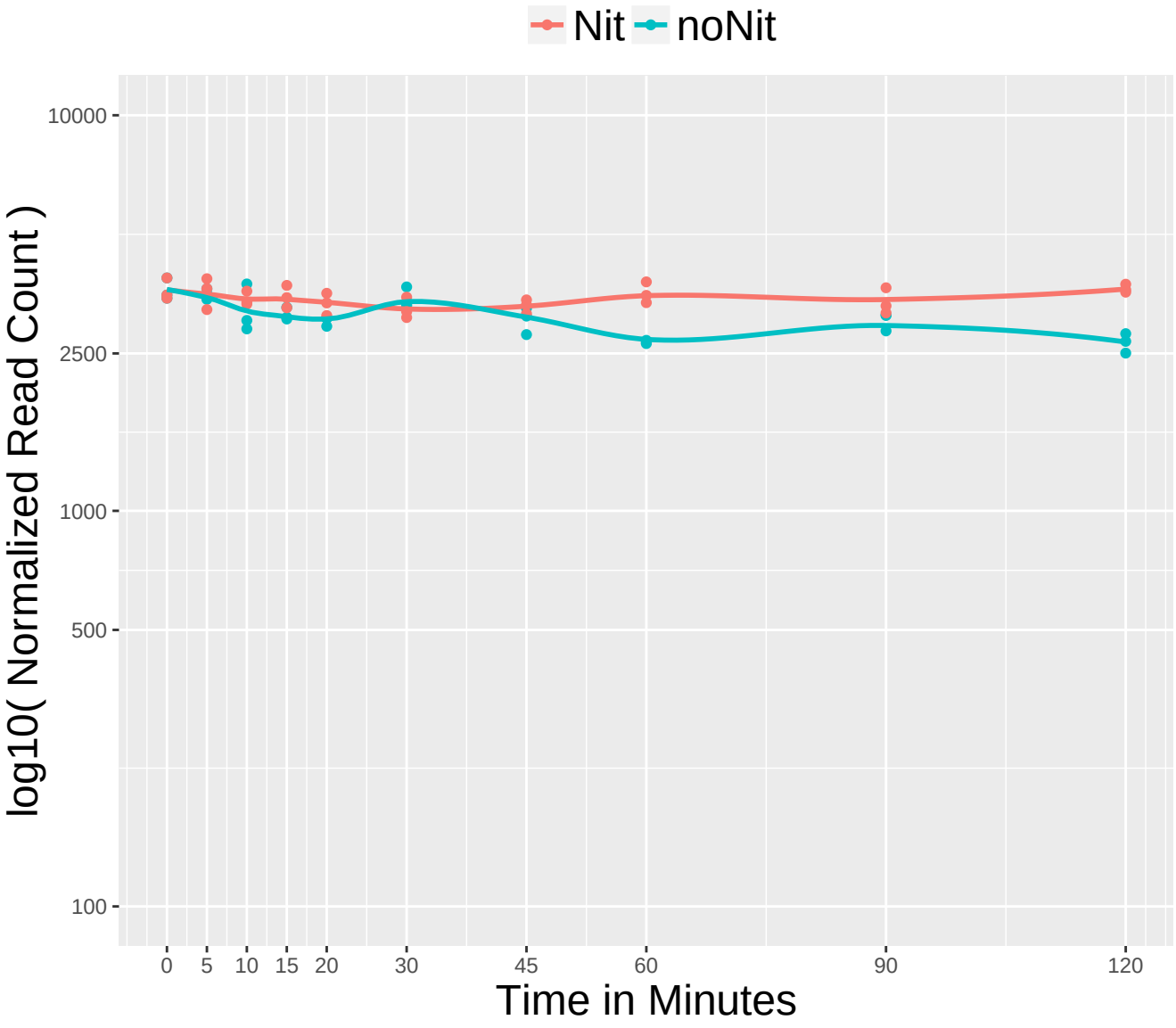
AT4G11170

RMG1,Resistance



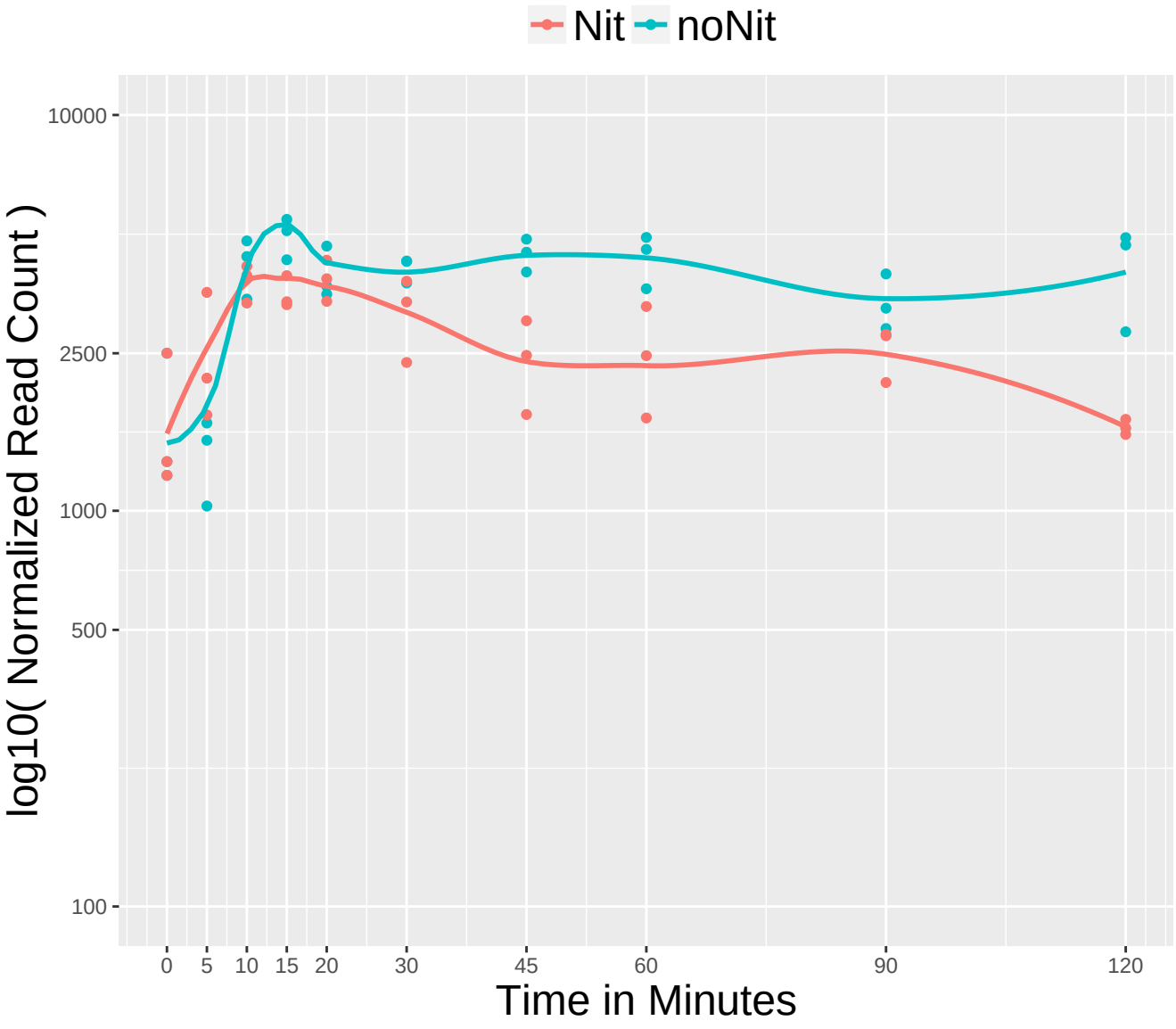
AT4G25210

DNA−binding



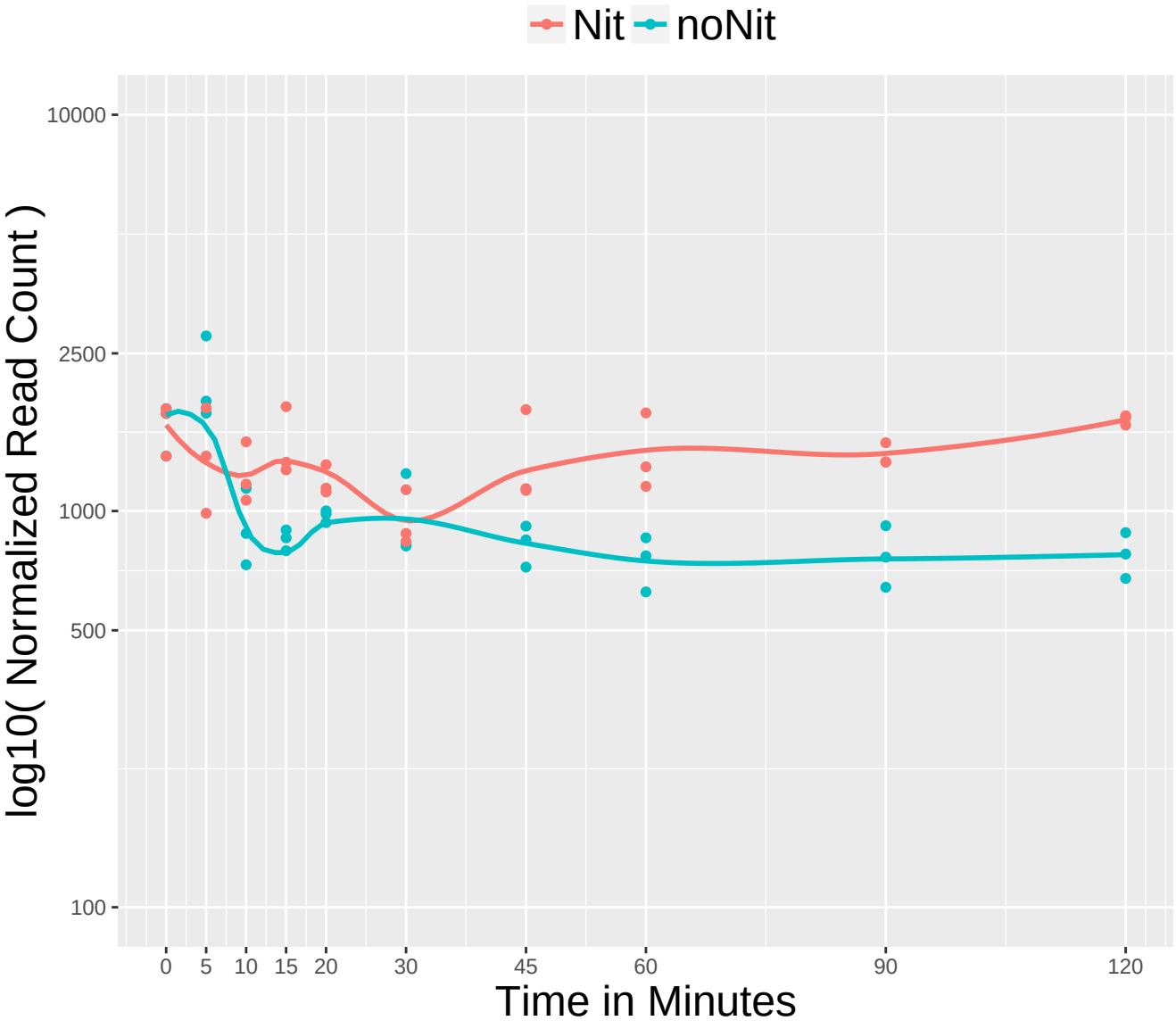
AT4G26690

GDPDL3,Glycerophosphodiester



AT5G54910

DEA(D/H)−box



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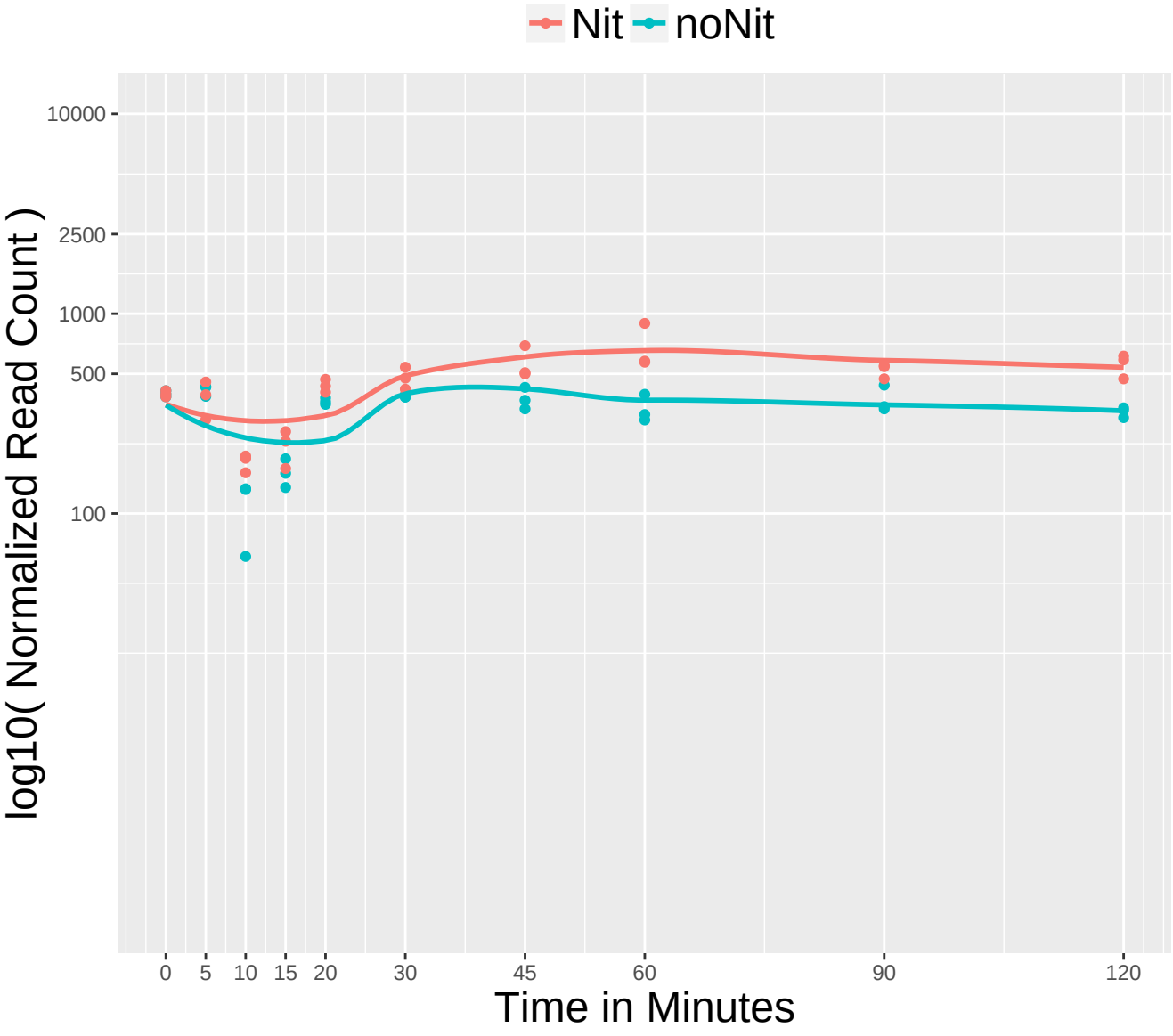
Mitochondrial



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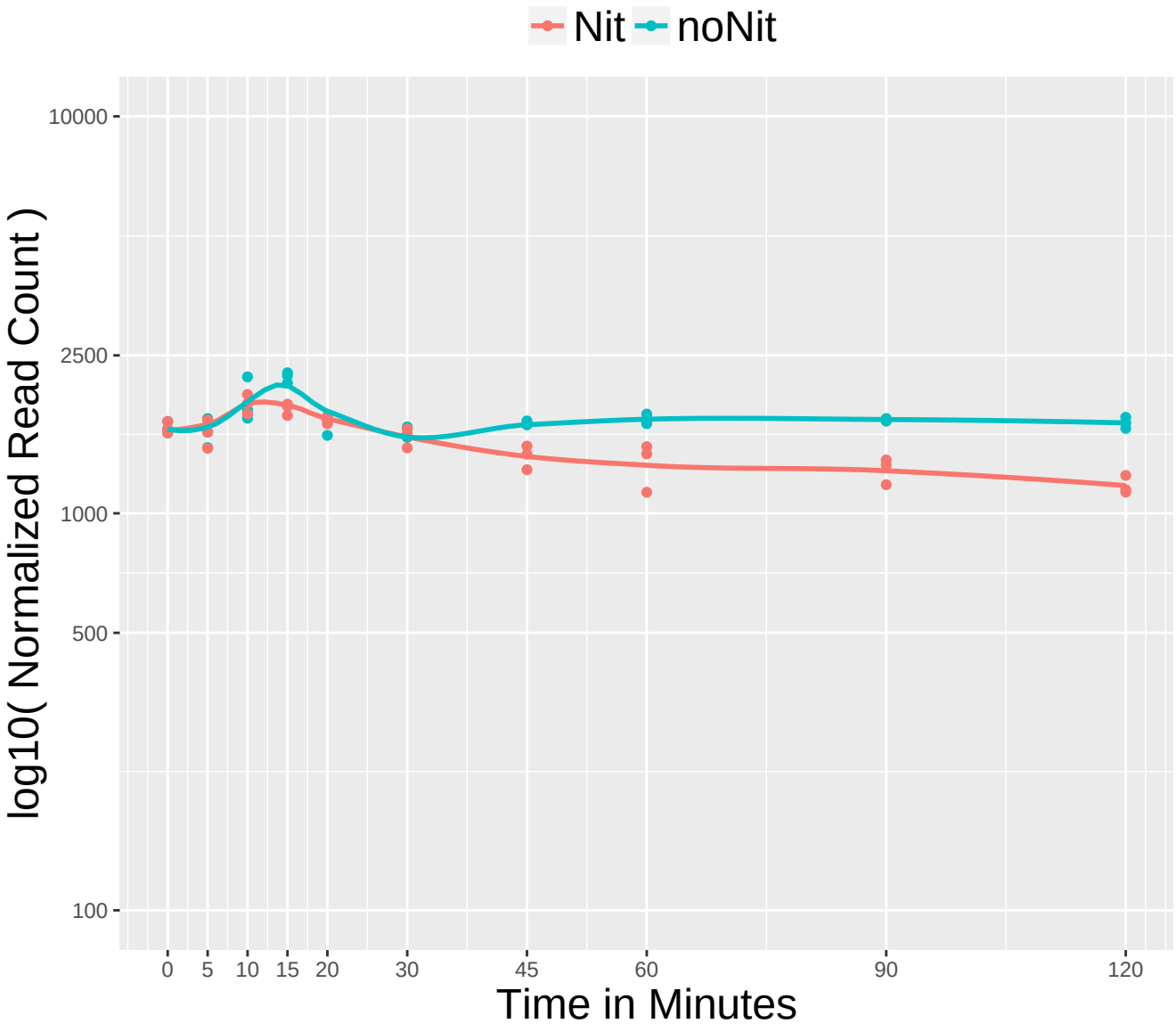
ILL2,IAA−leucine



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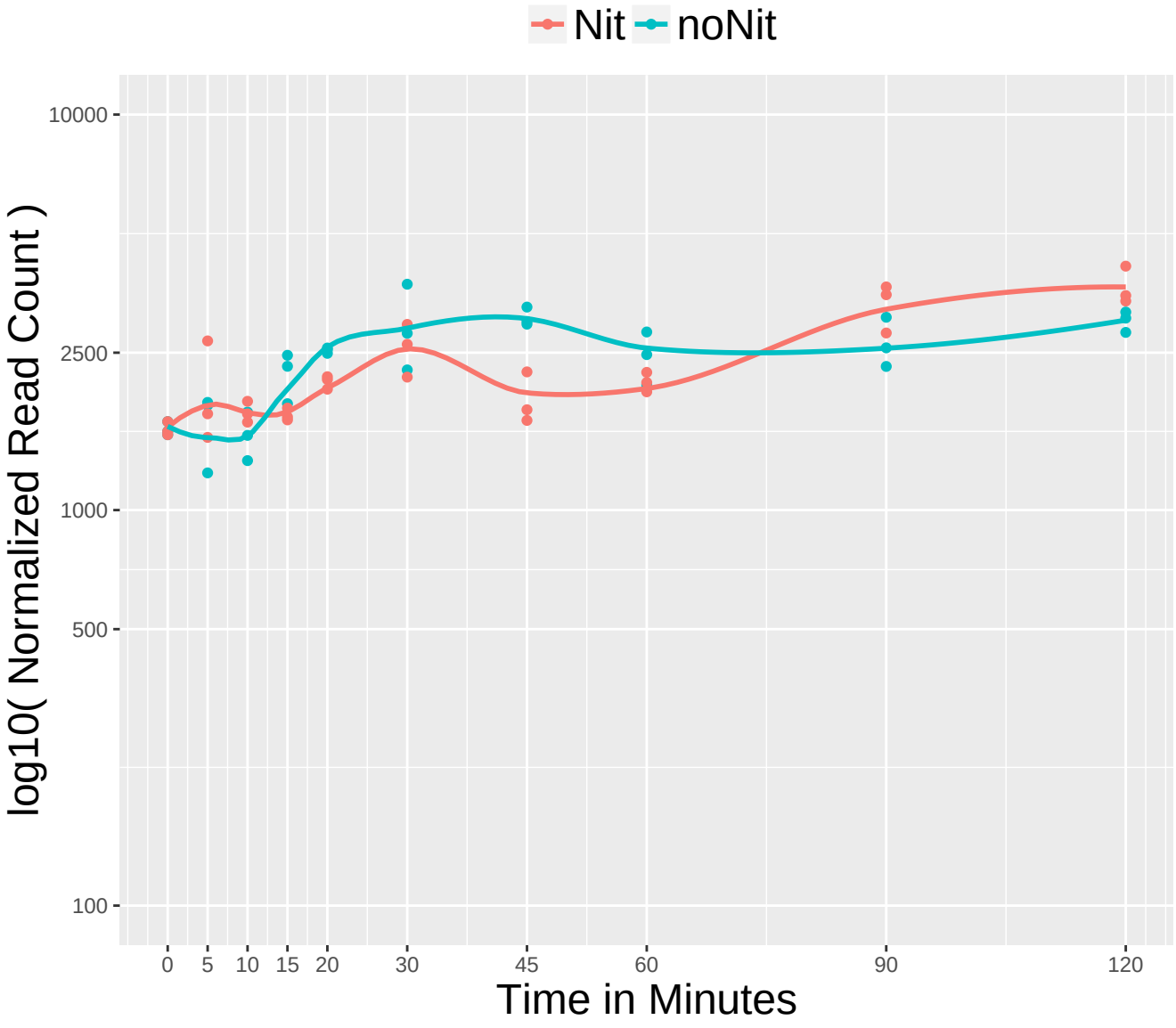
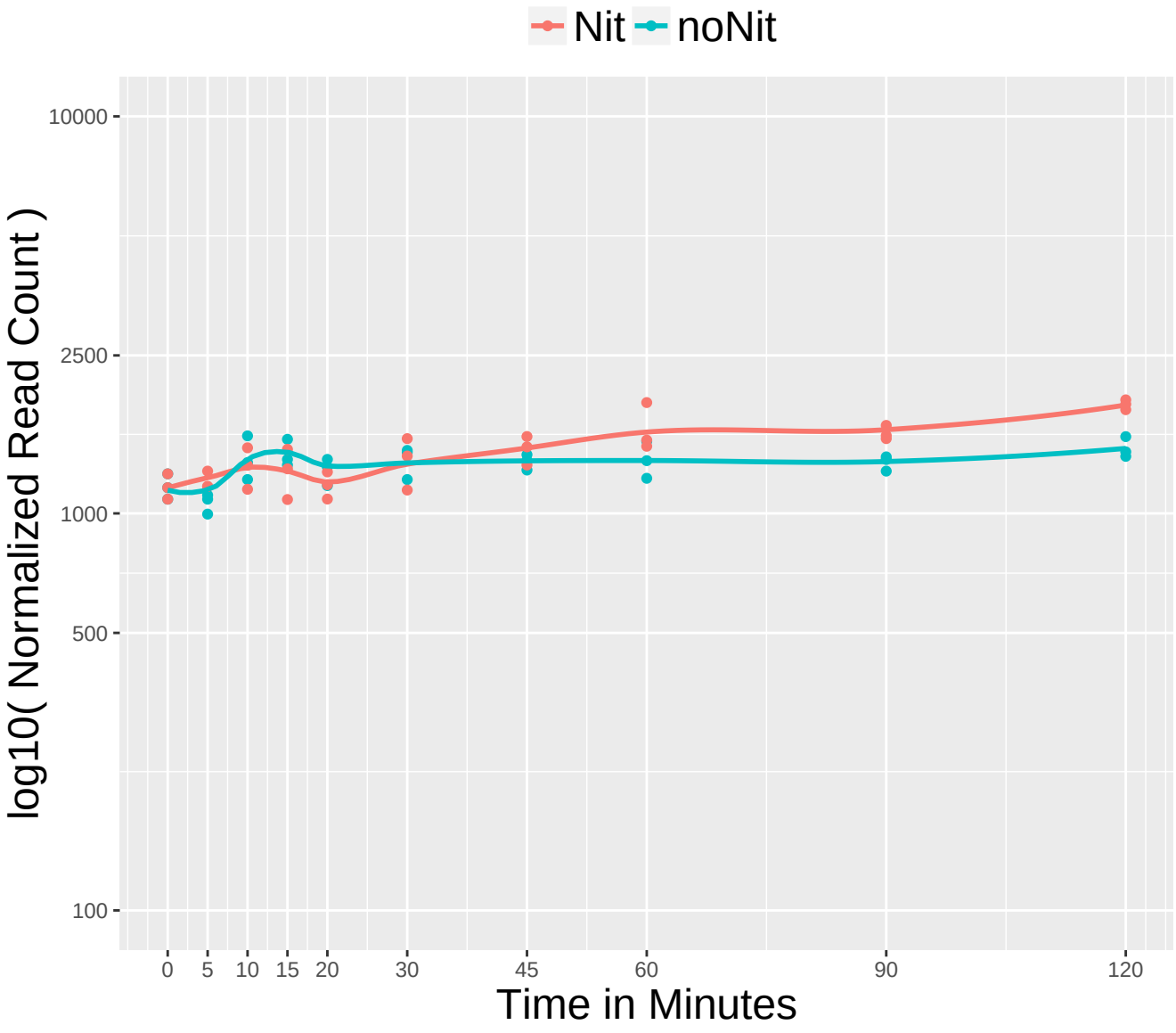
HIPL2,hipl2



AT1G18480

AtSLP2,,SLP2,Shewenella−like



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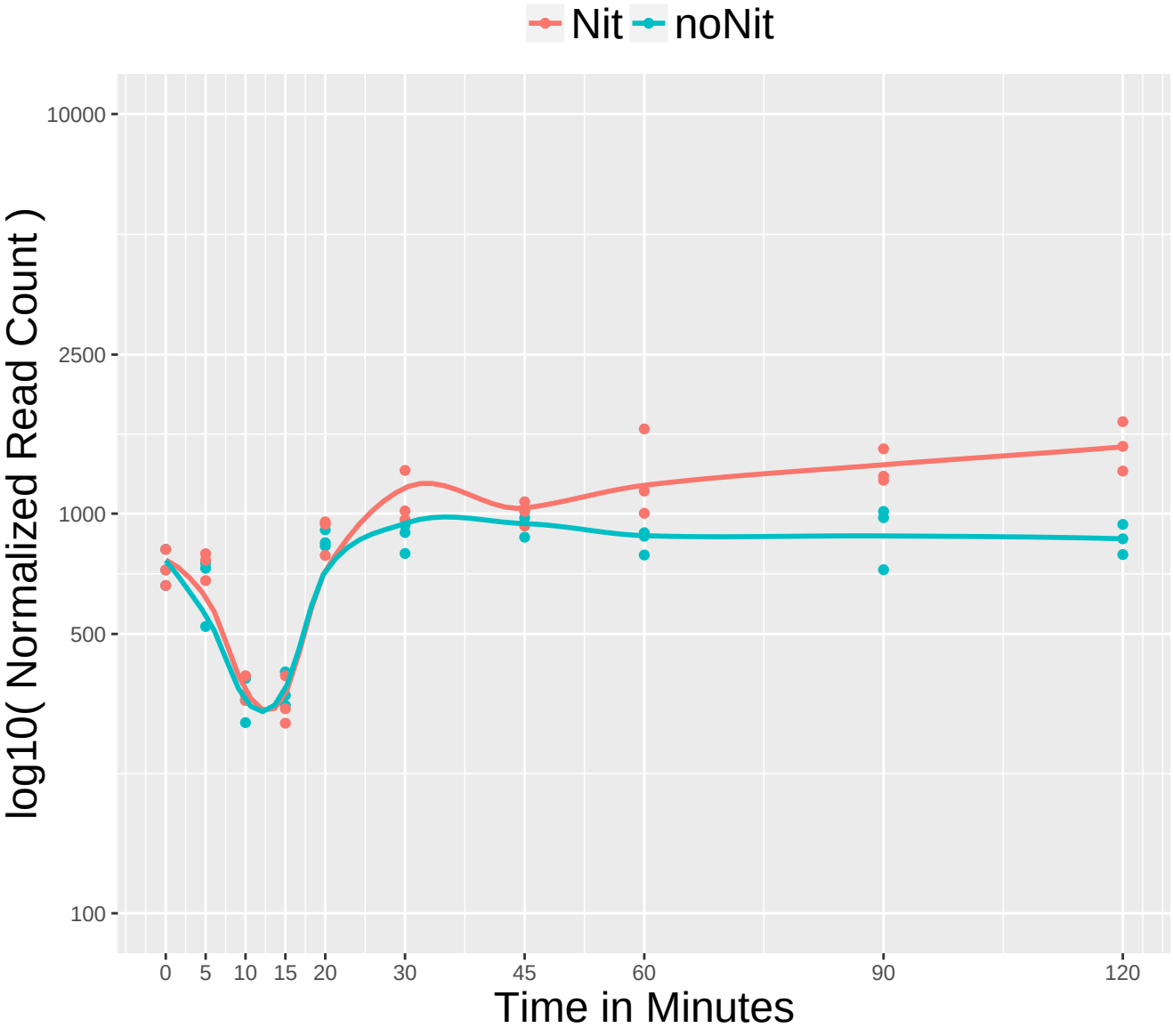
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AT1G31220

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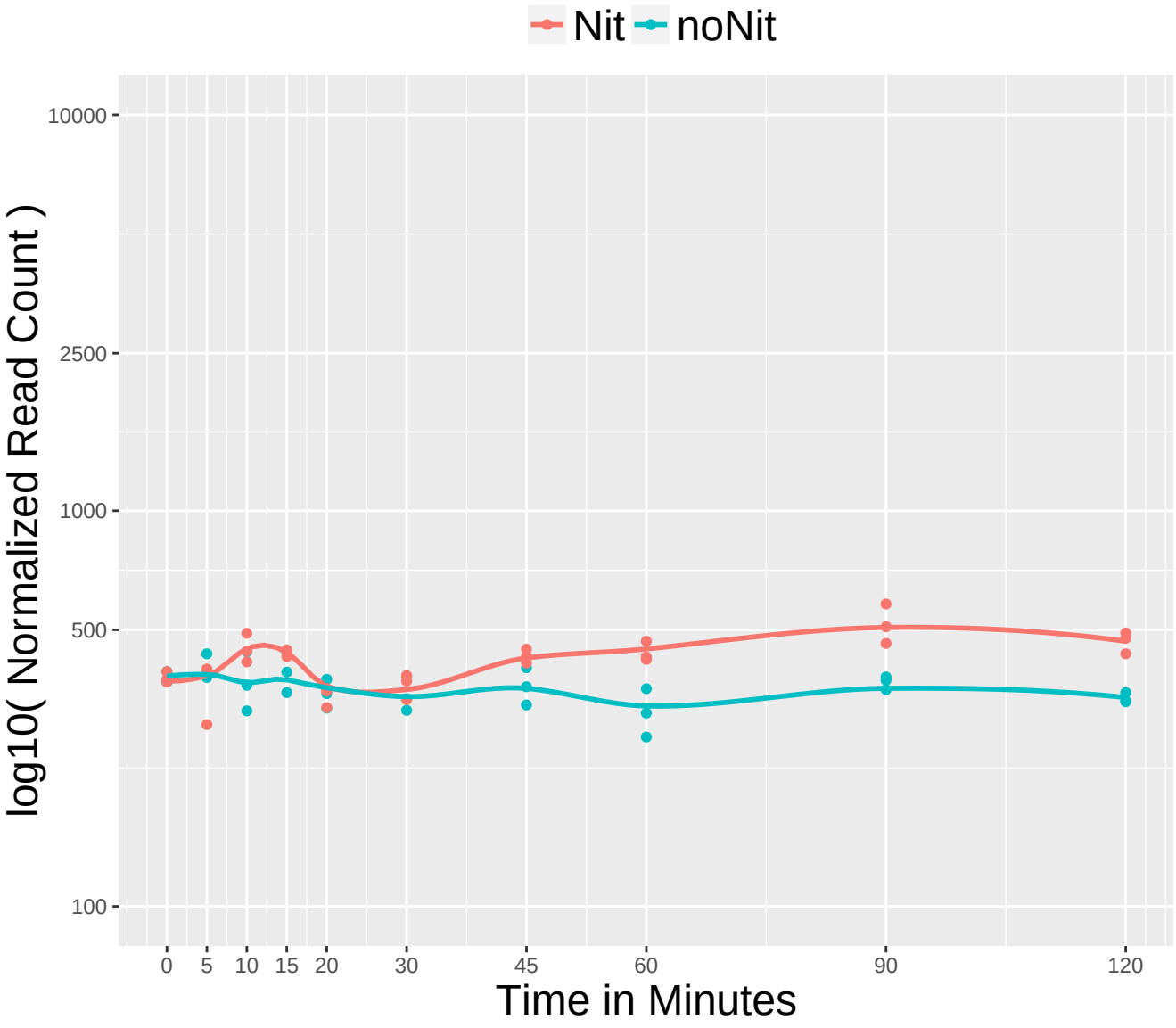

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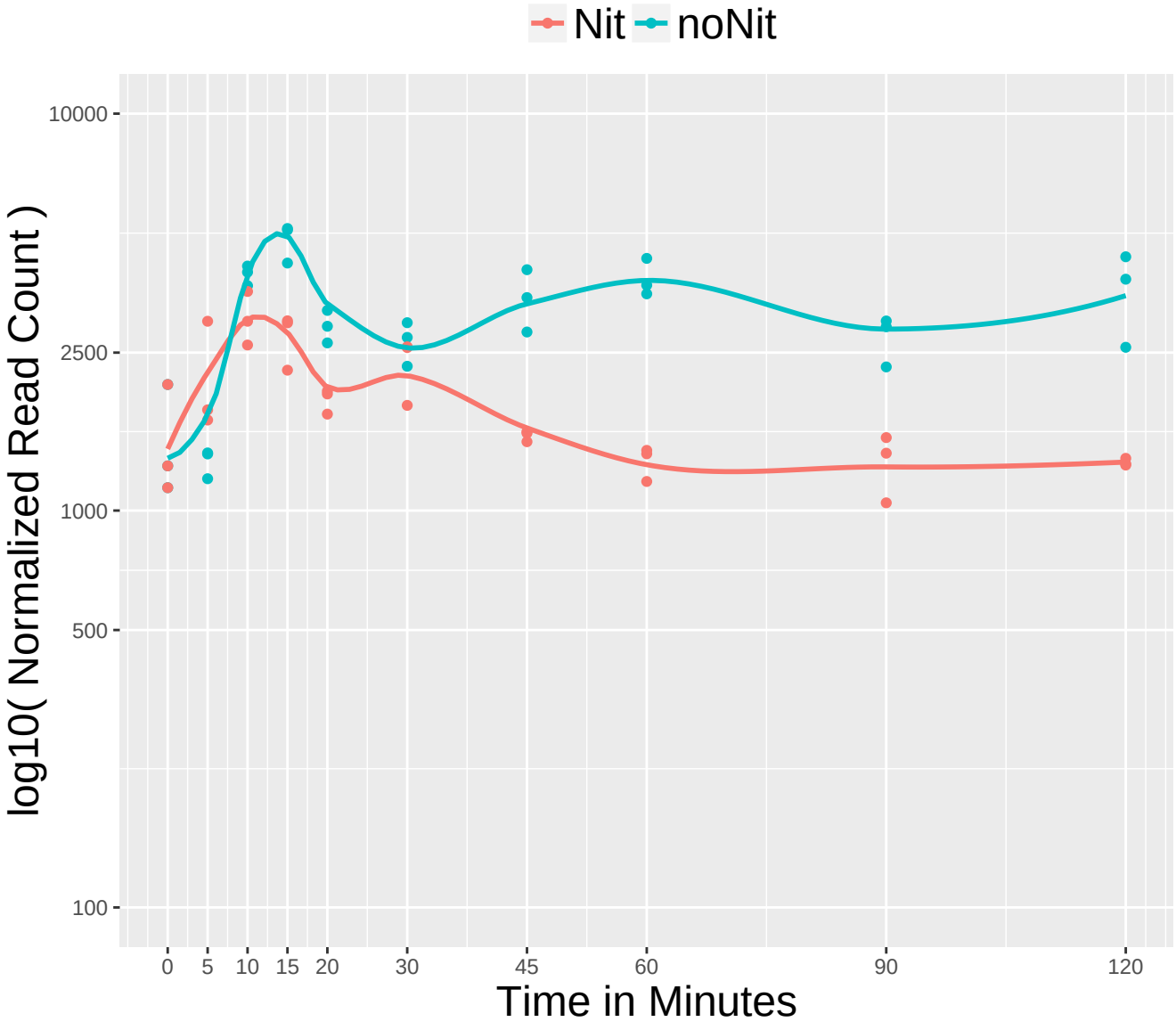
MMP,matrix



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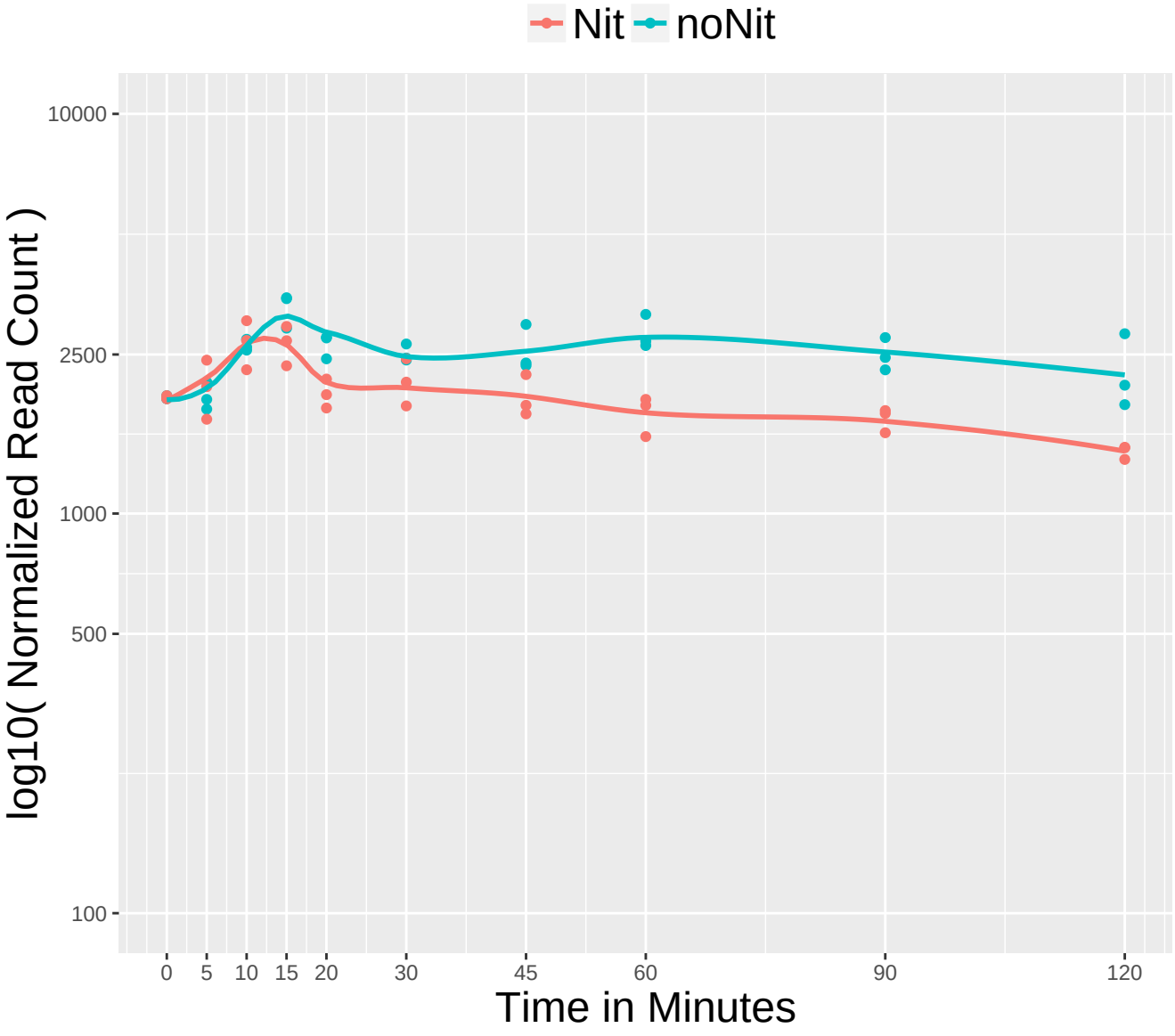
Protein



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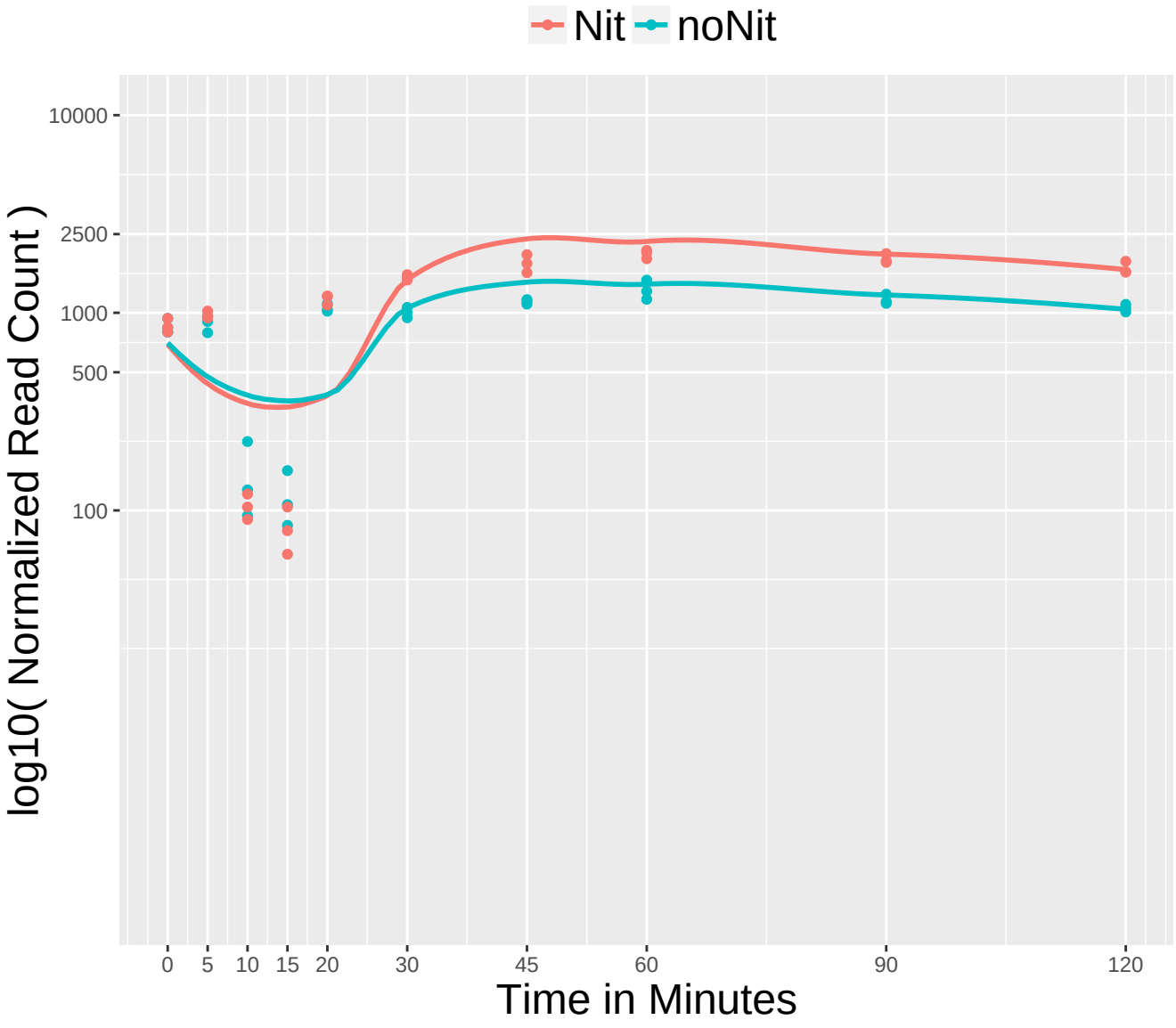
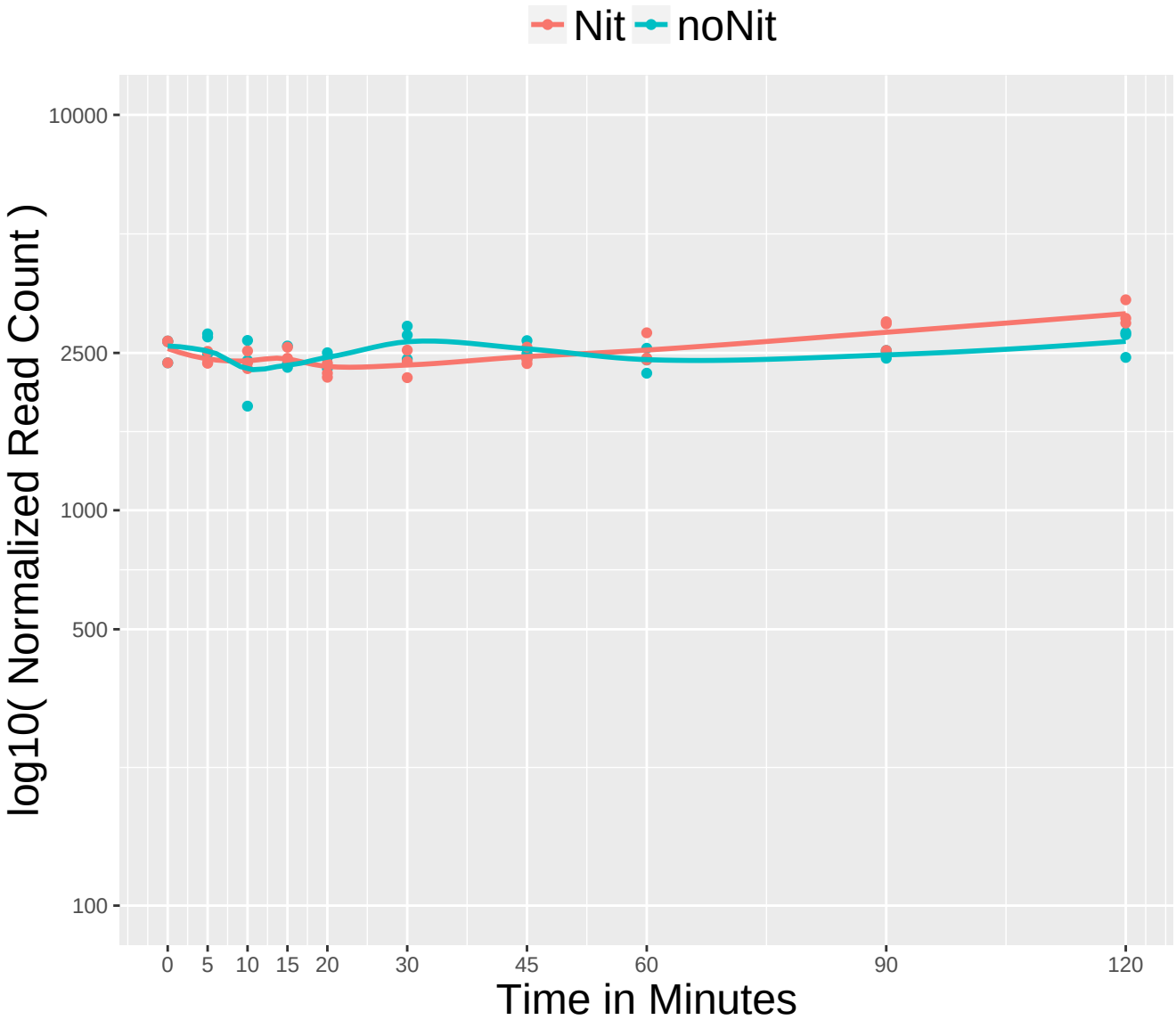
GONST1,golgi



AT2G14170

ALDH6B2,aldehyde



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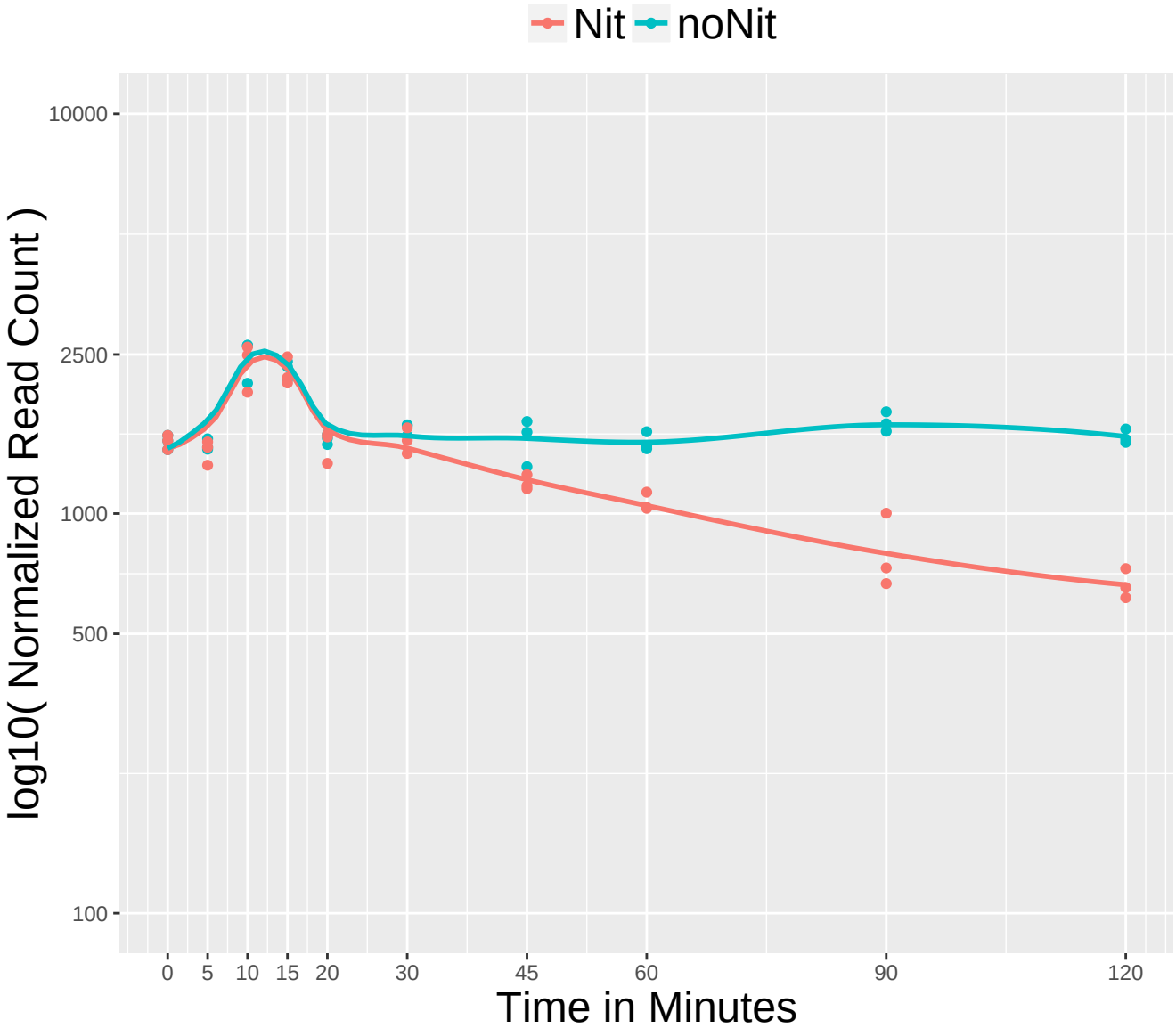
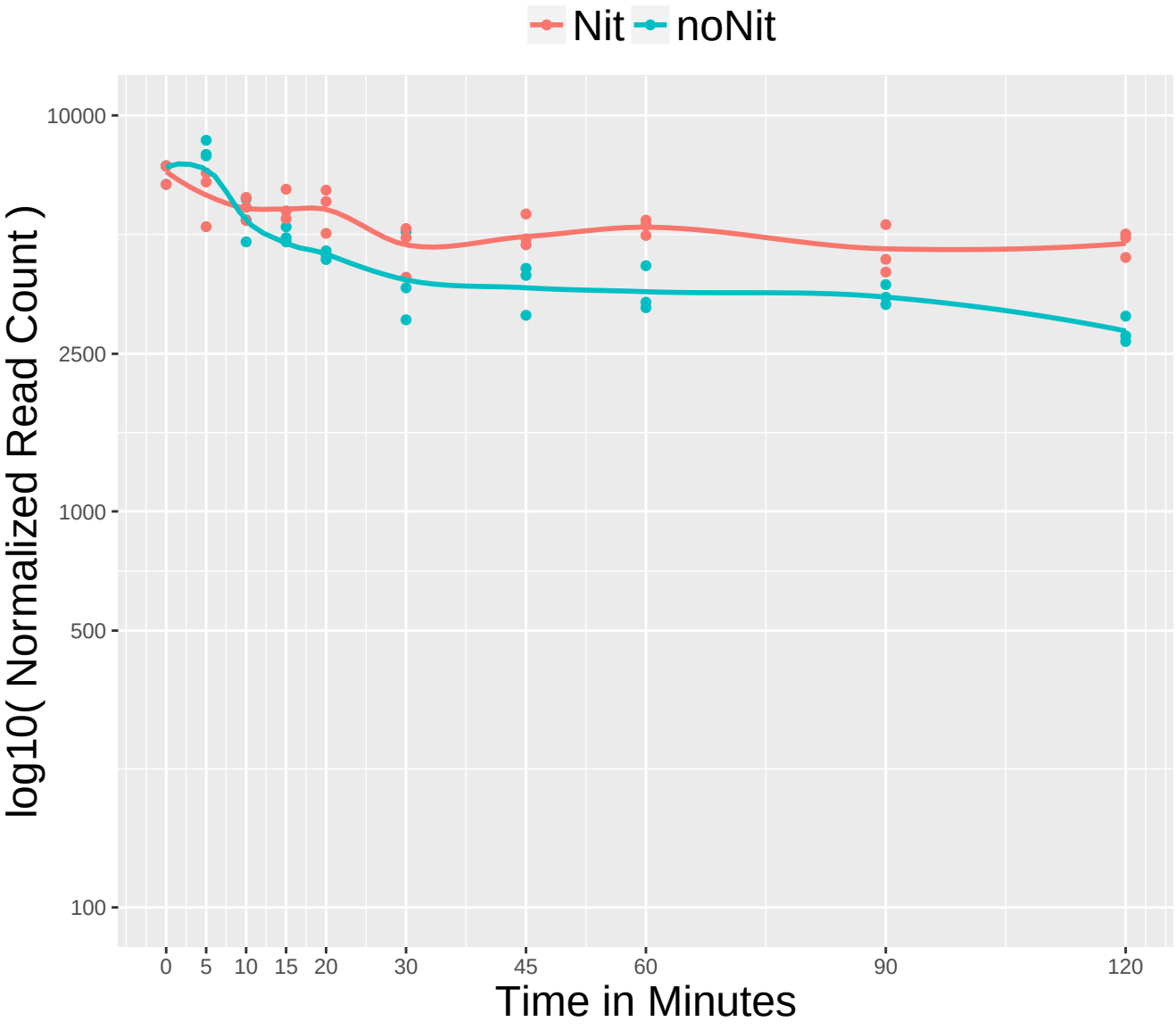
Leucine−rich



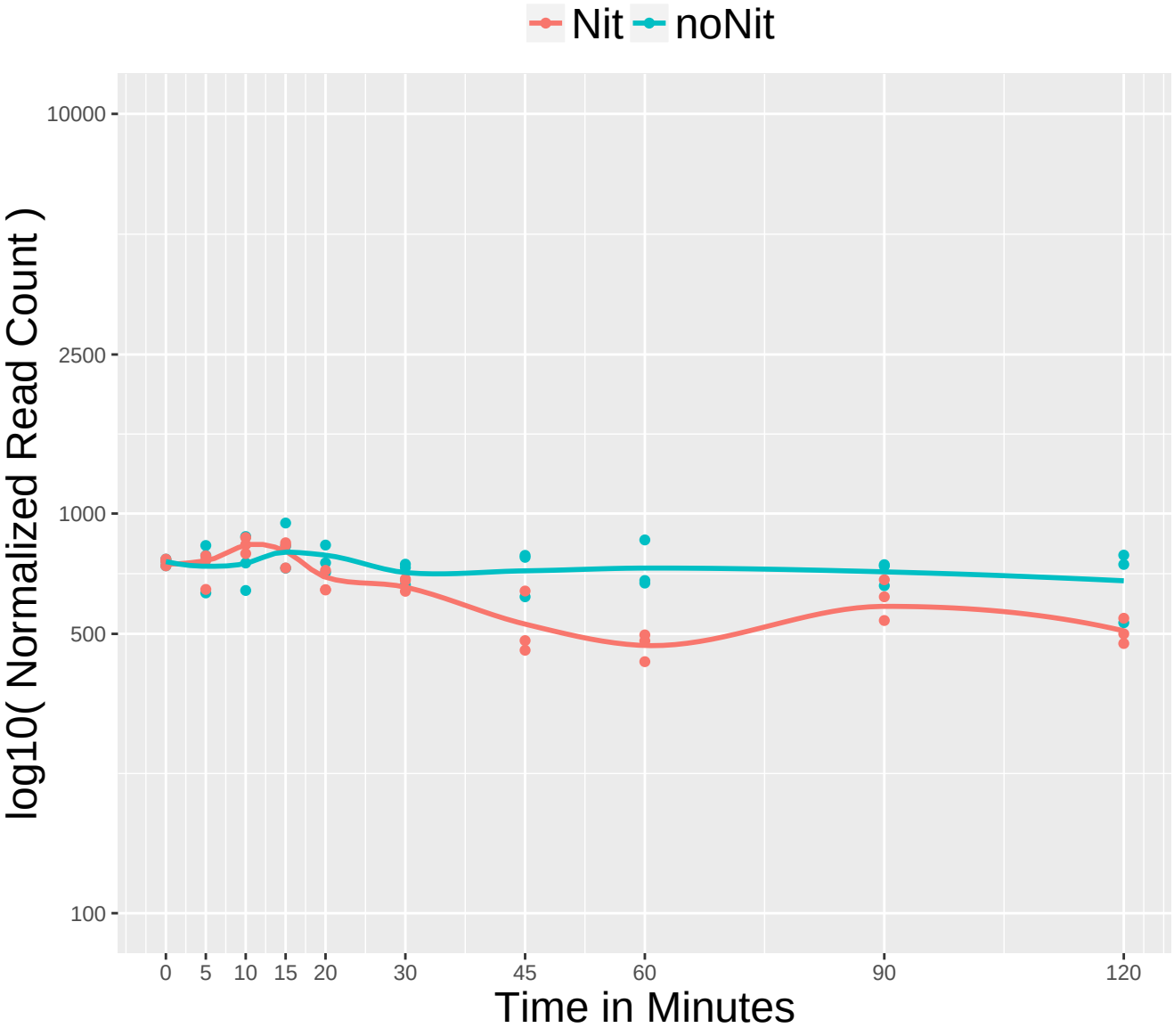
AT2G26280

CID7,CTC−interacting



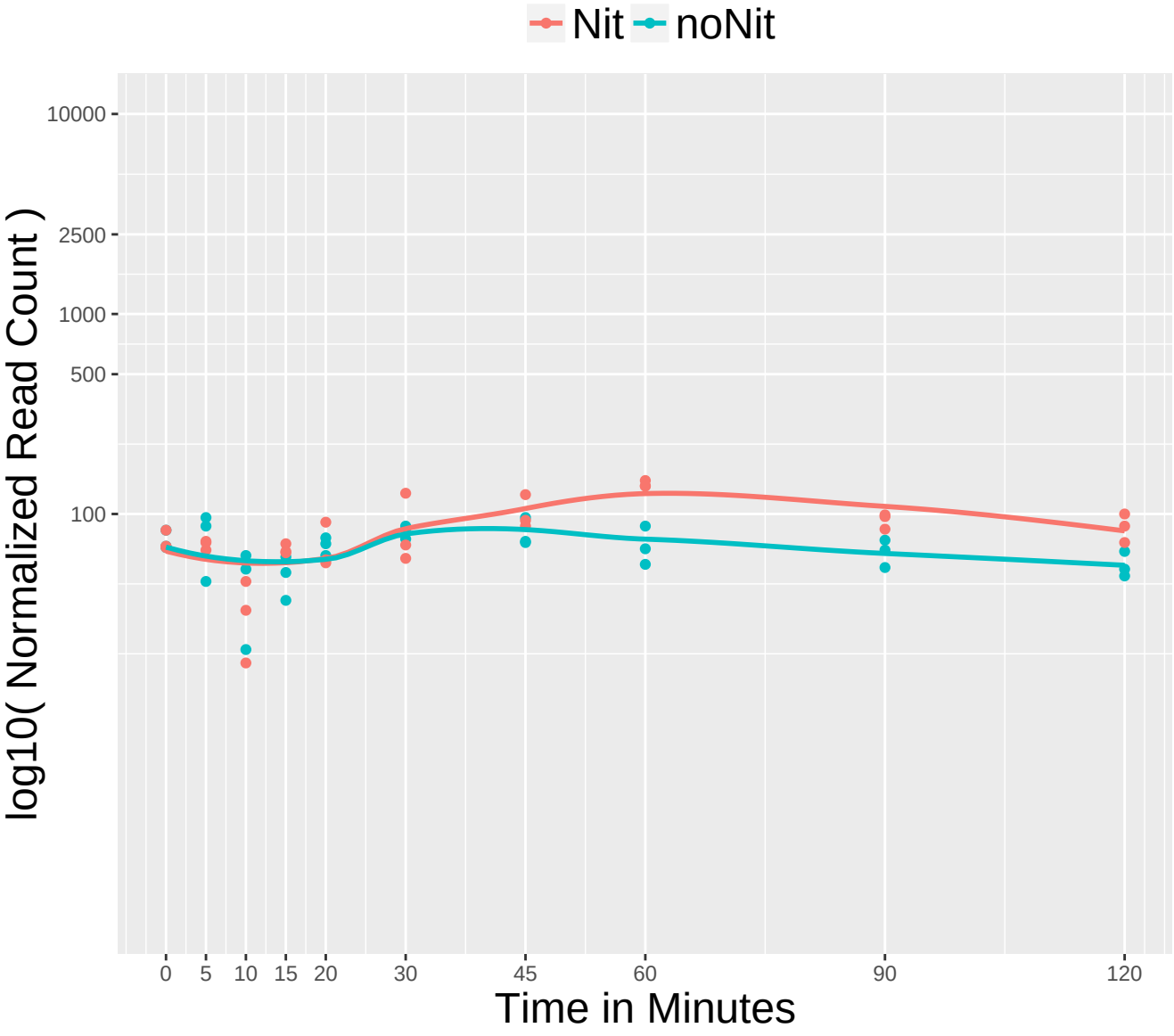
AT3G07700

Protein



AT3G20710

F−box



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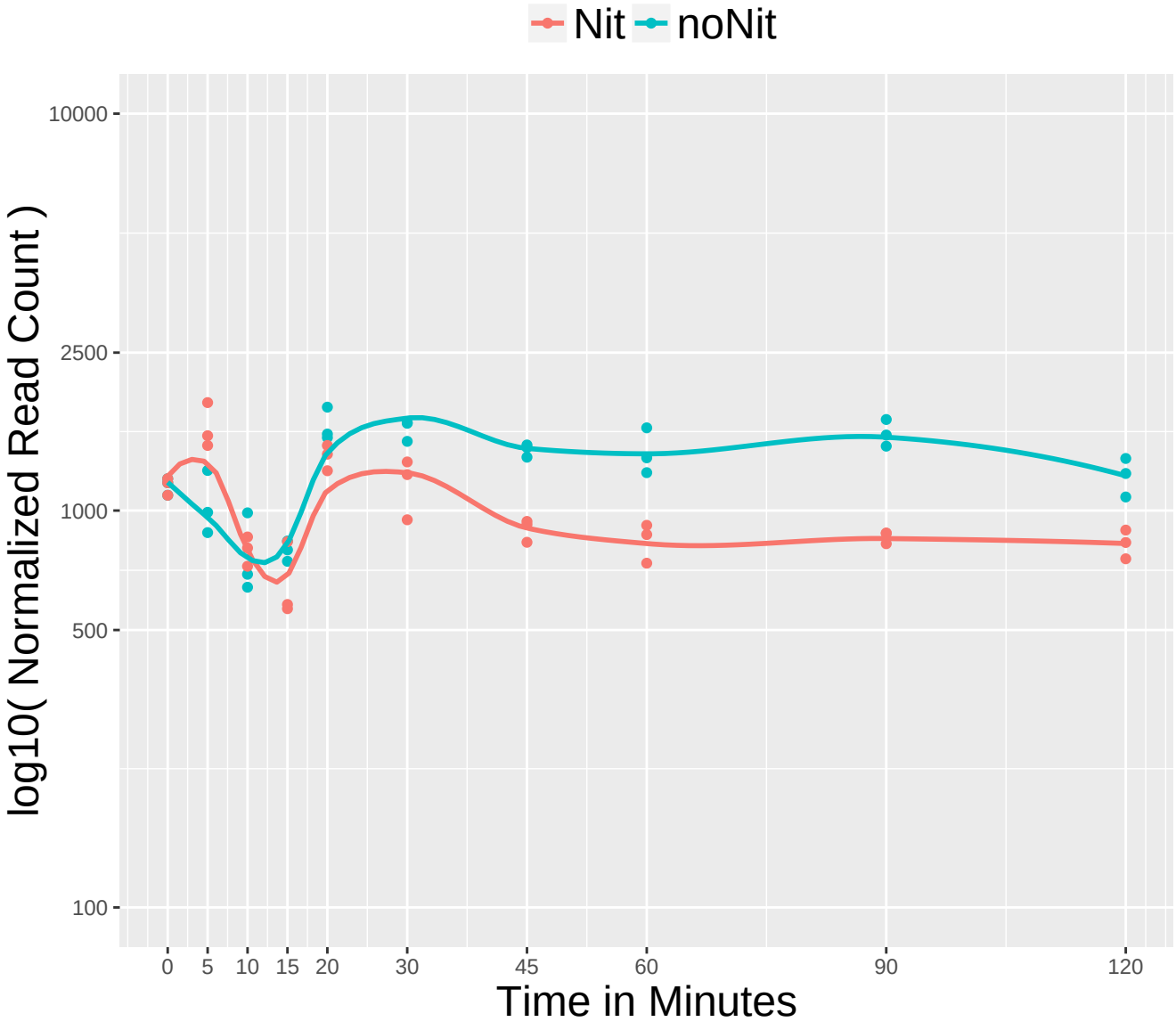
AtCML11,,CML11,calmodulin−like



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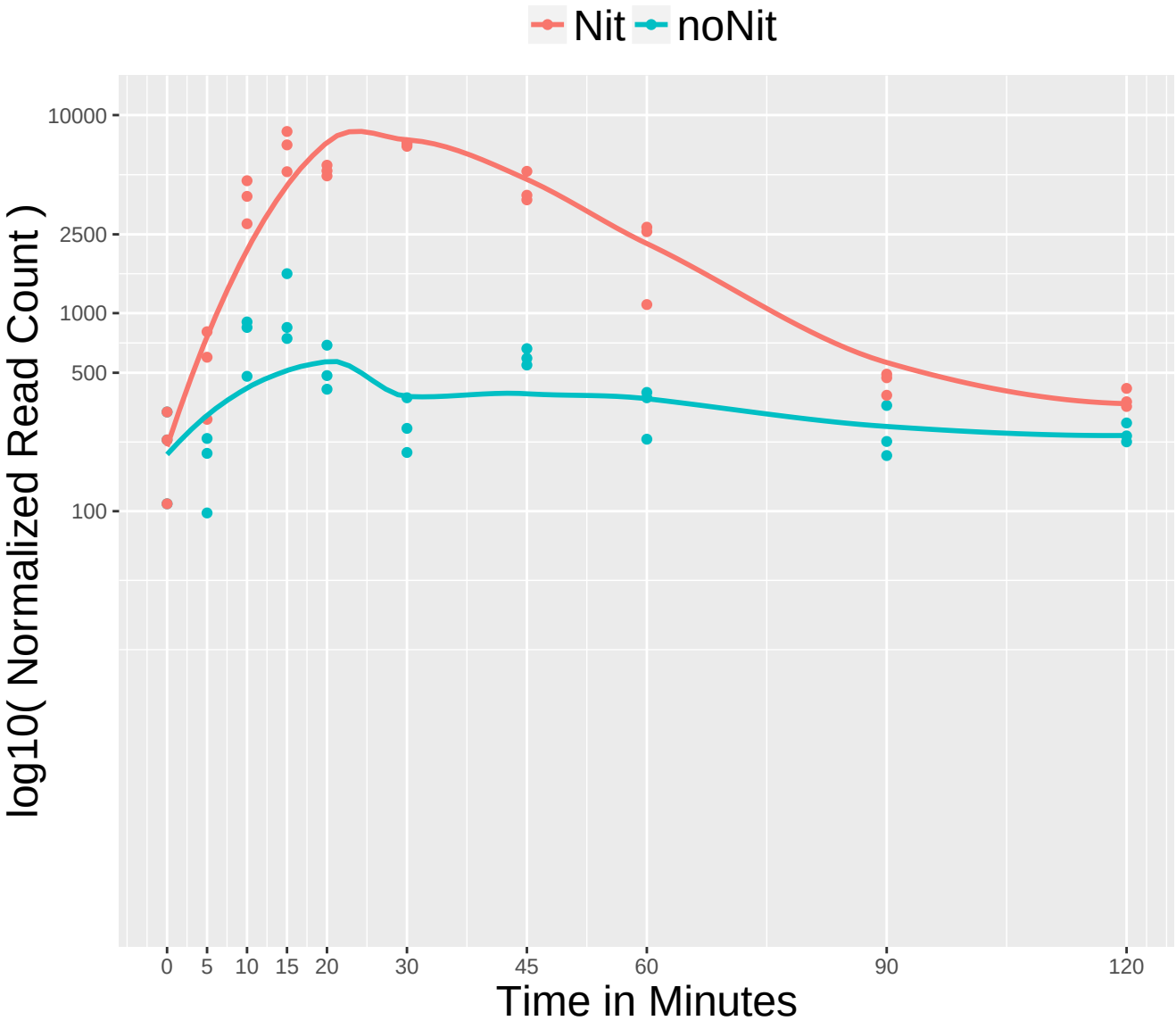
HHO1,myb−like



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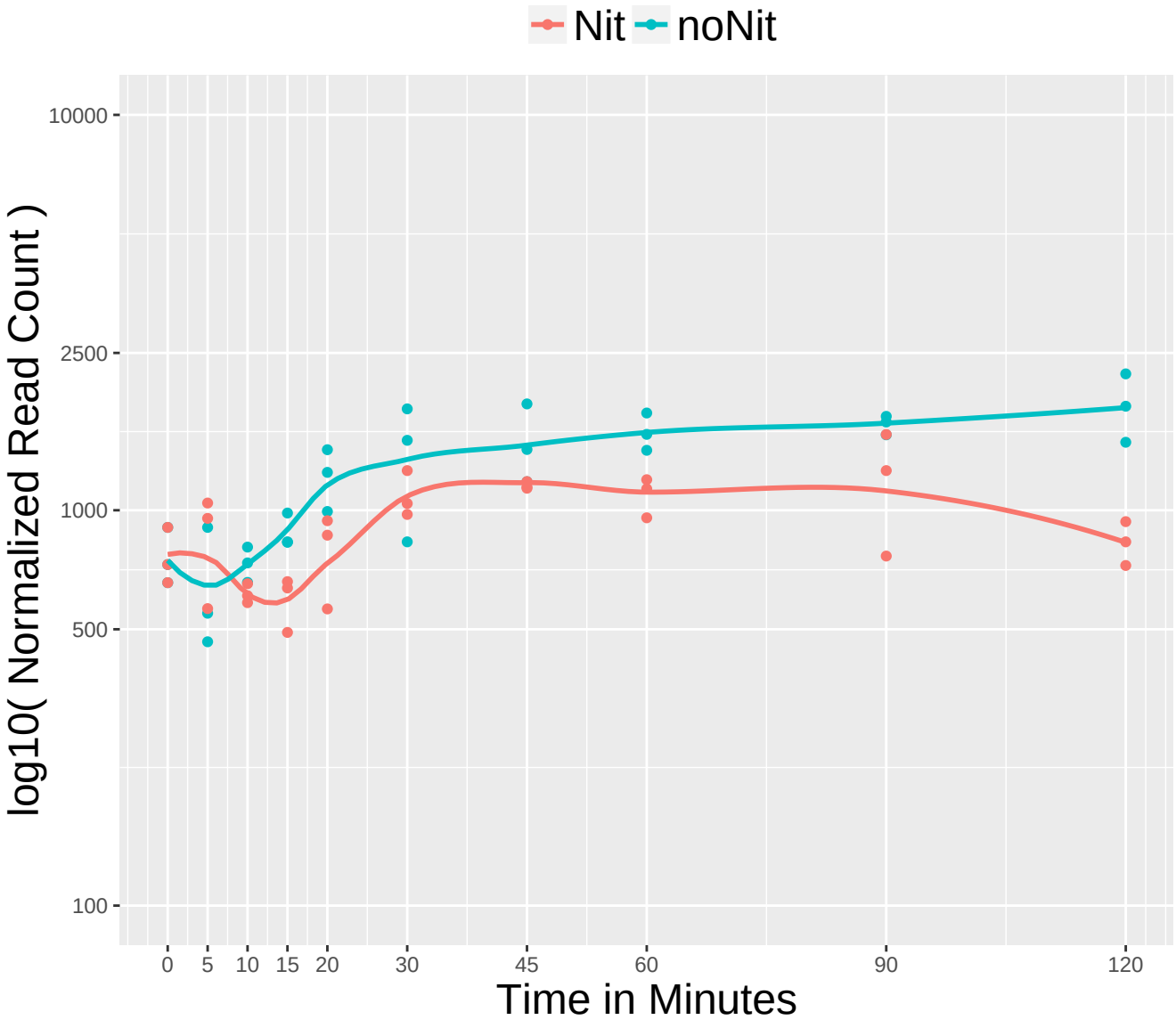
CYP71B37,"cytochrome



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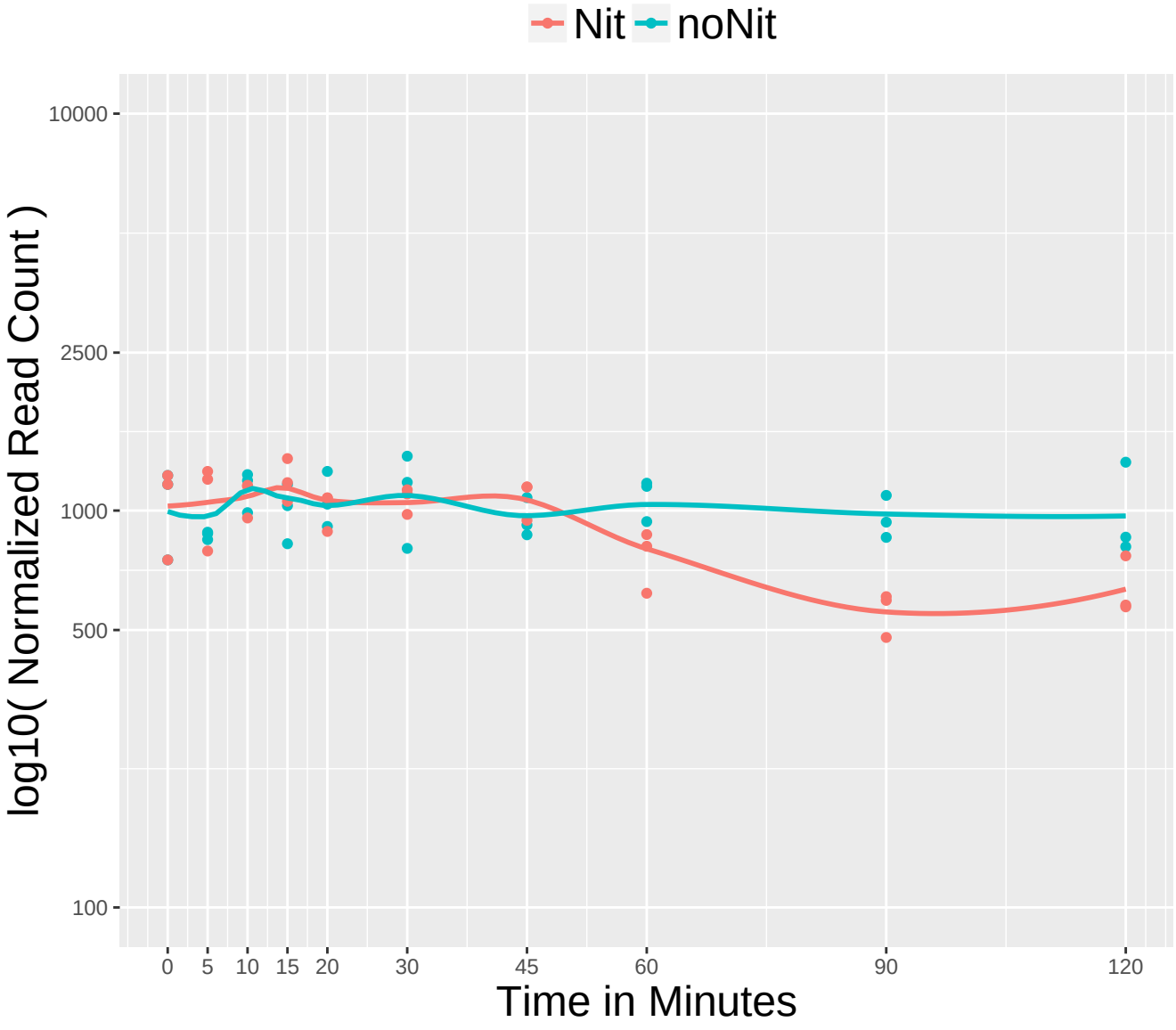
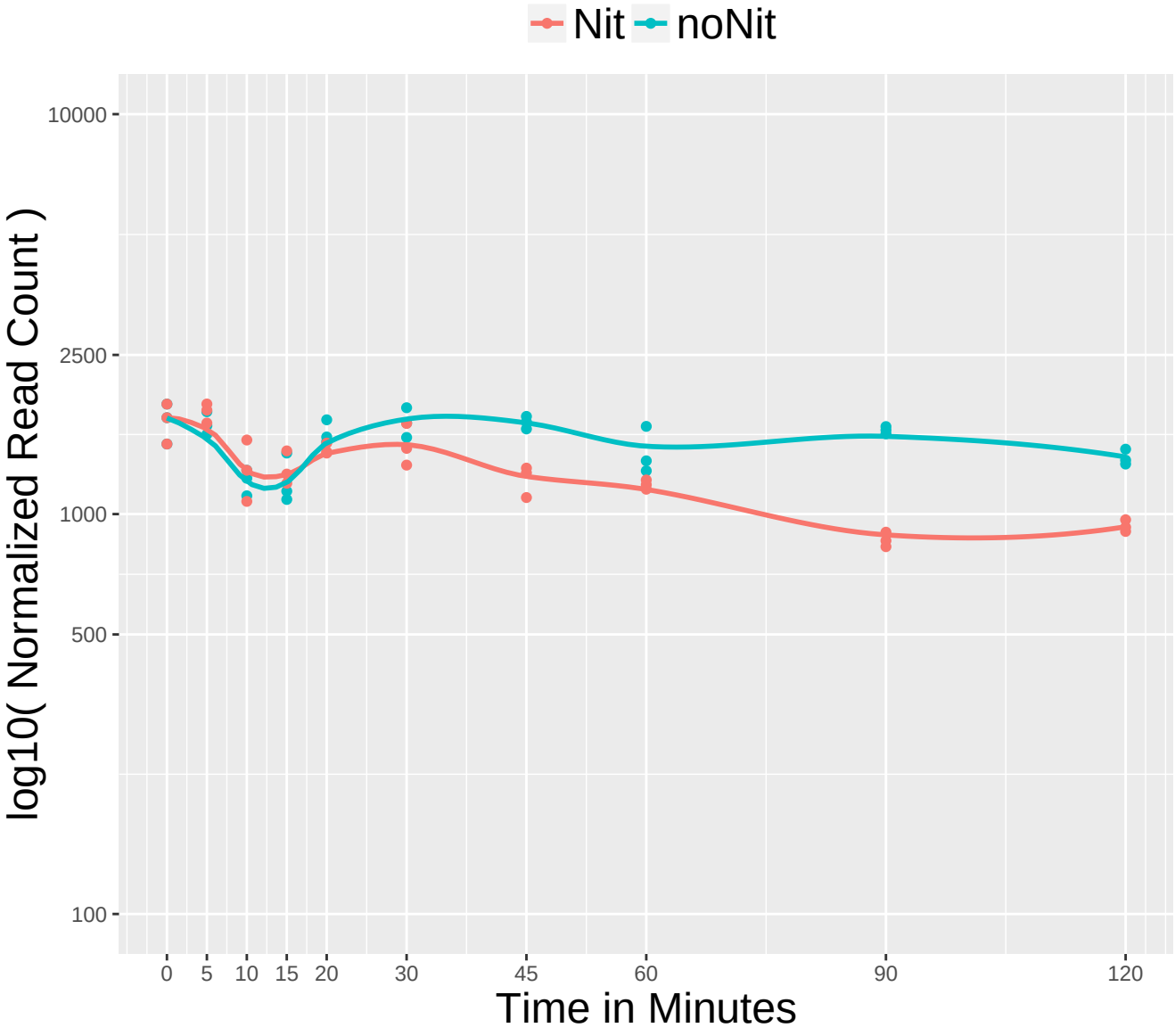
CYCD3,,CYCD3;1,CYCLIN



AT5G01090

Concanavalin



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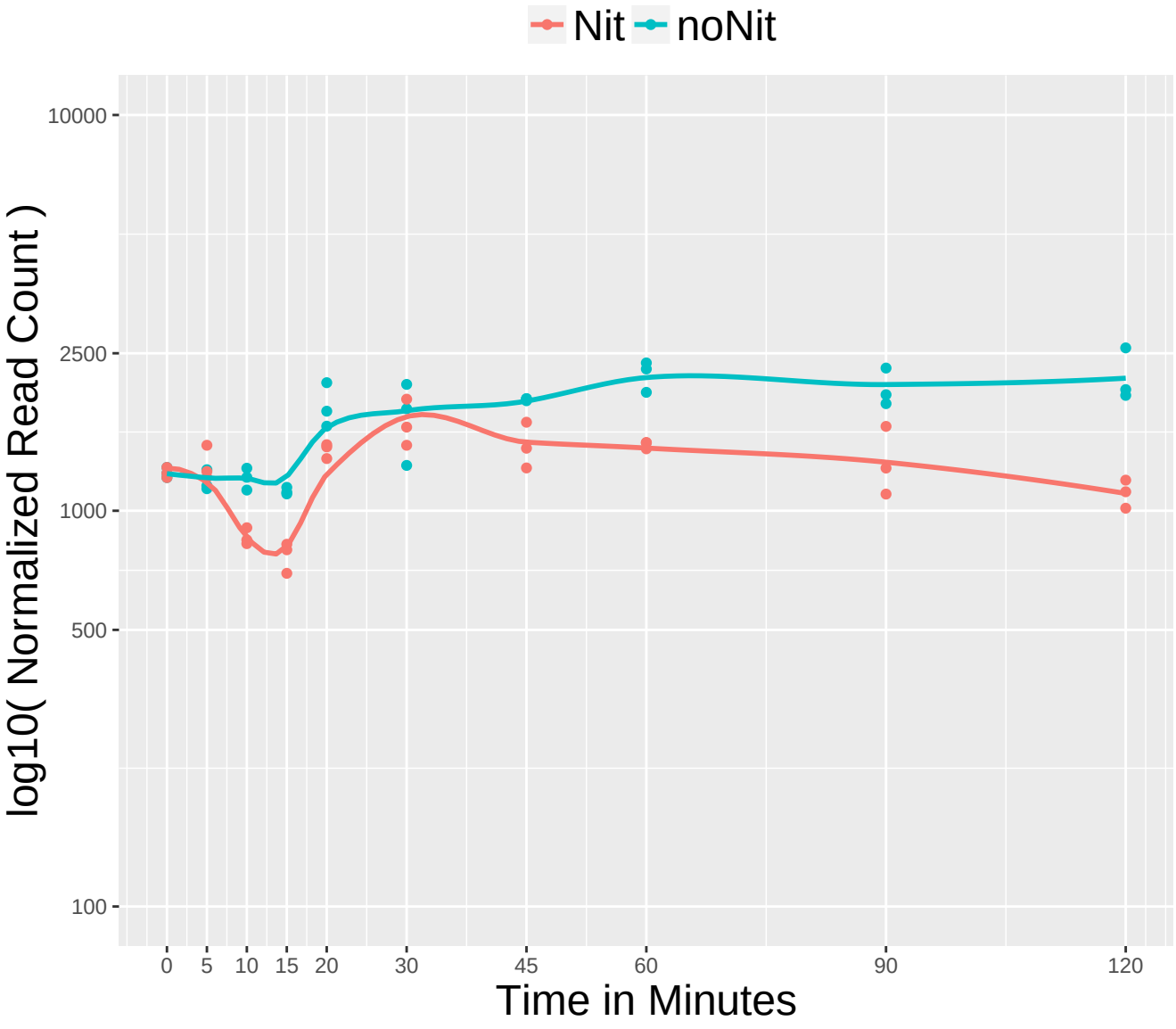
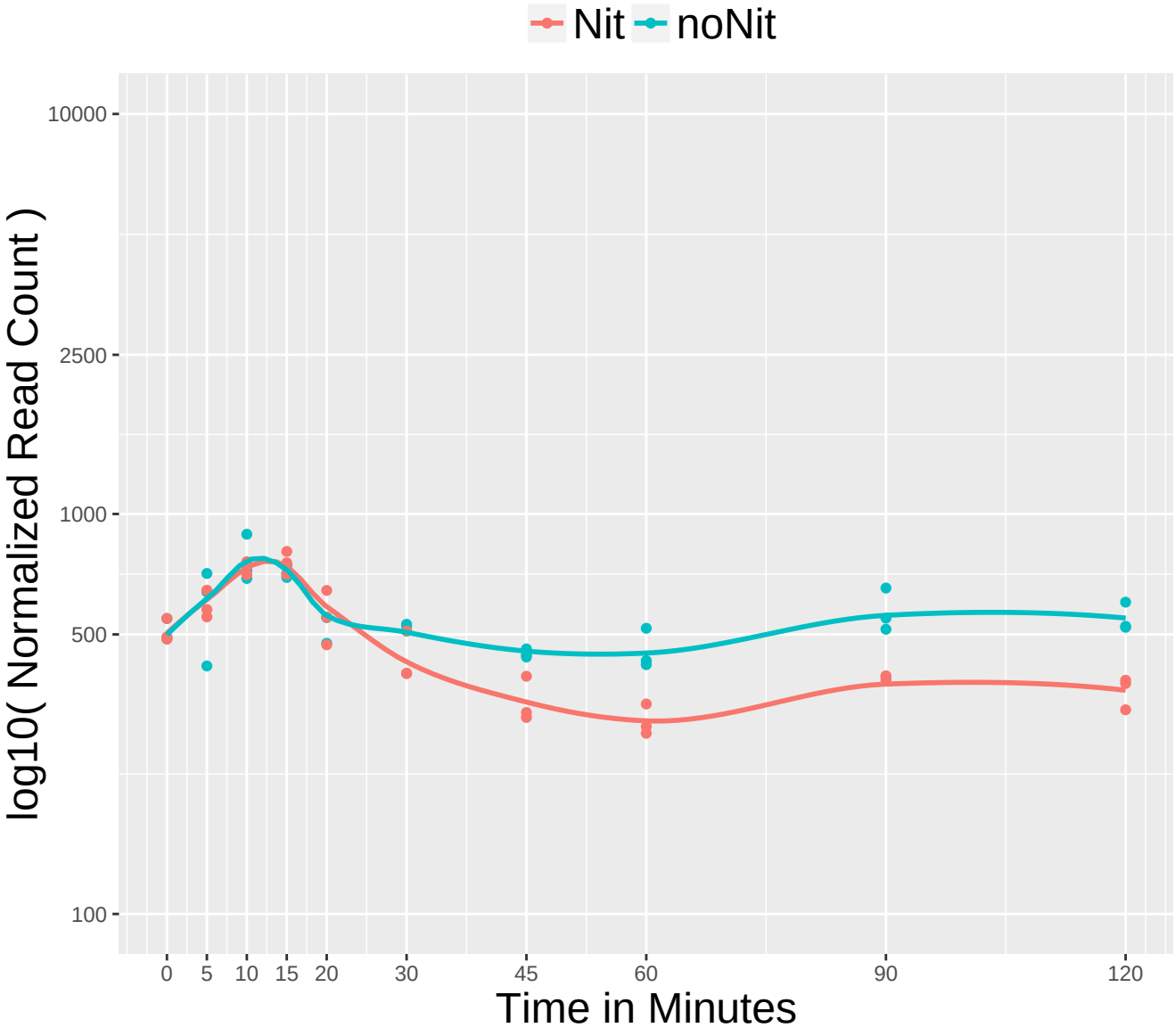
Tyrosine



AT5G47070

Protein



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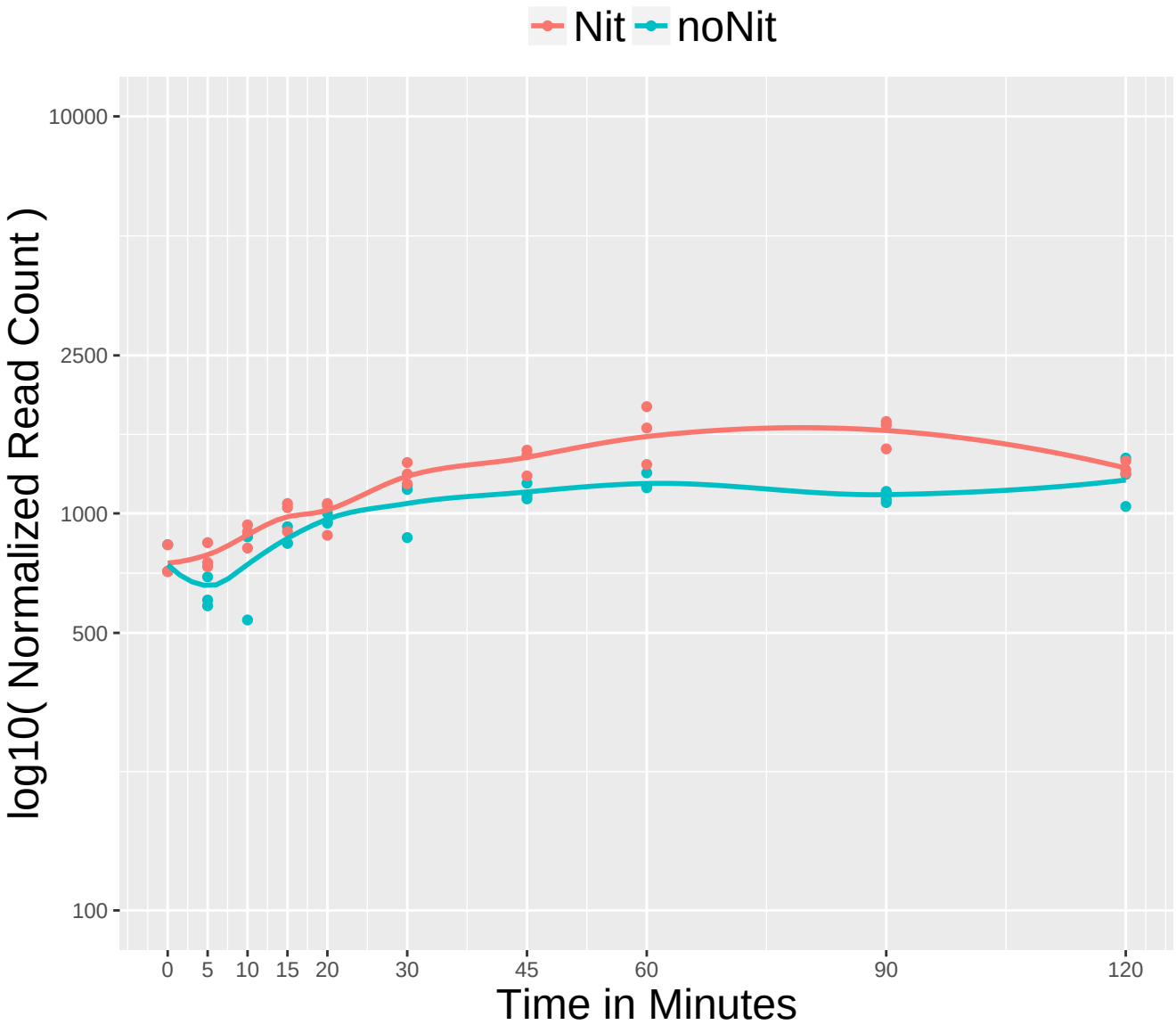
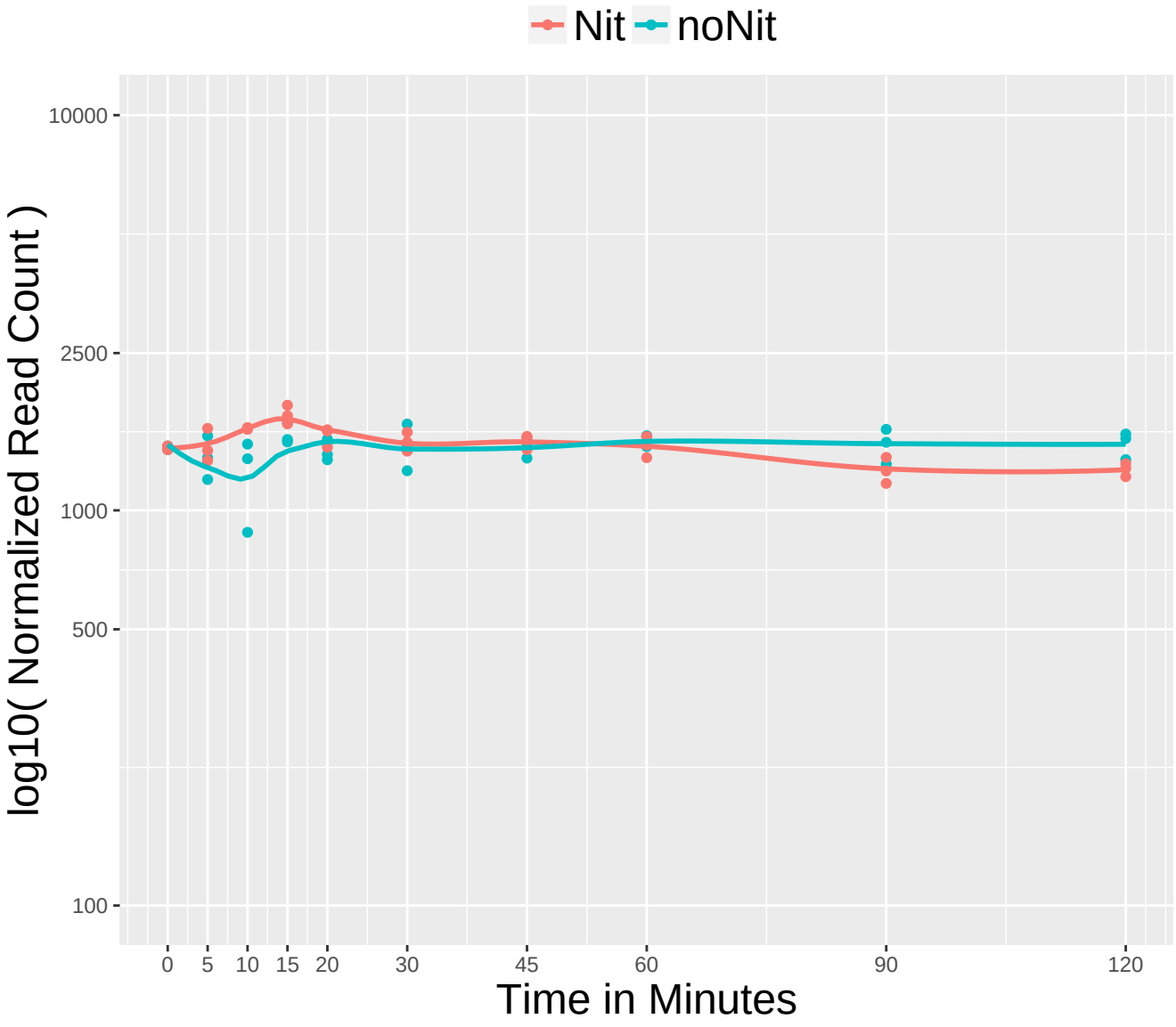
MGE1,mitochondrial



AT5G64813

LIP1,Light



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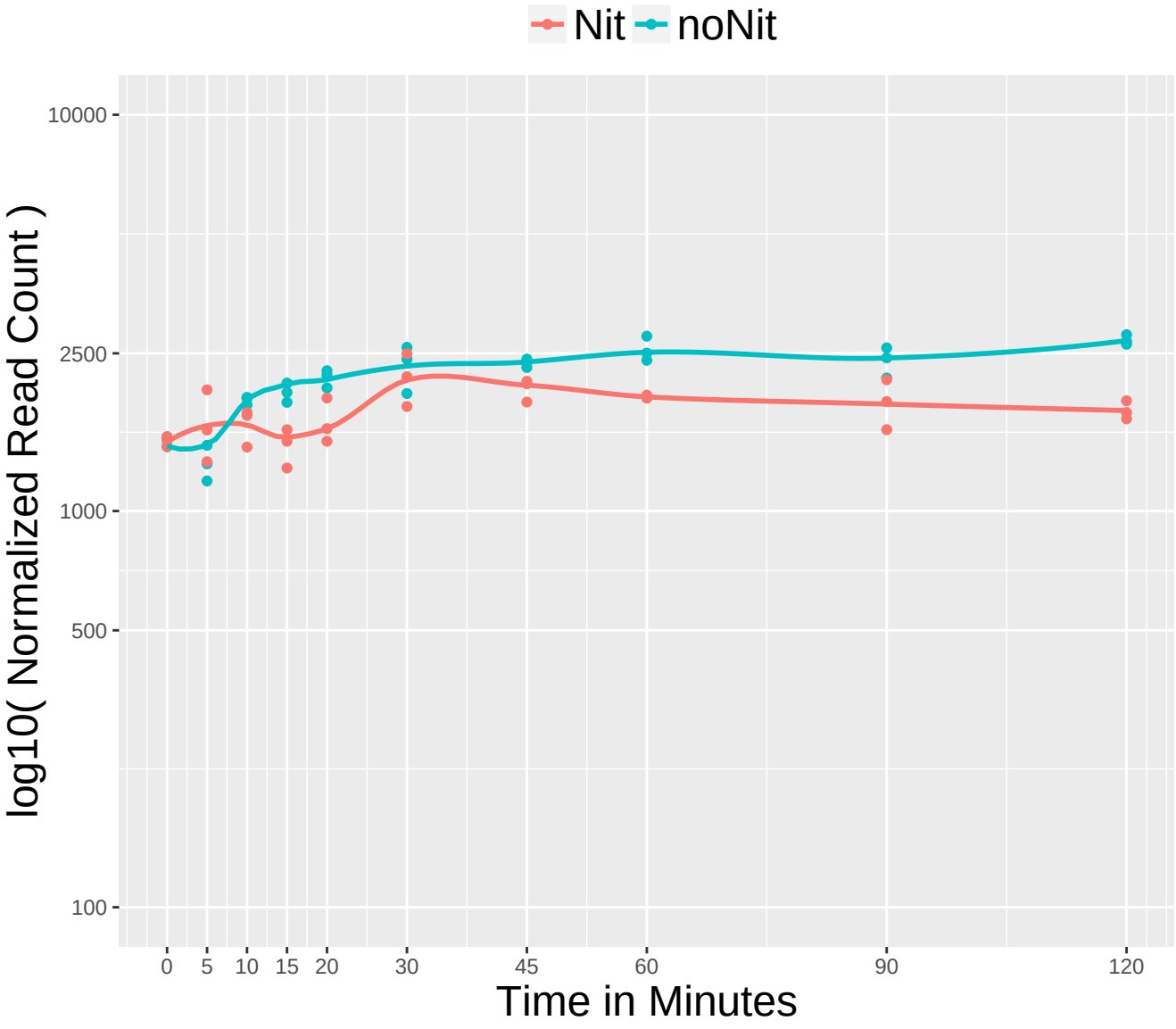
Sec14p−like



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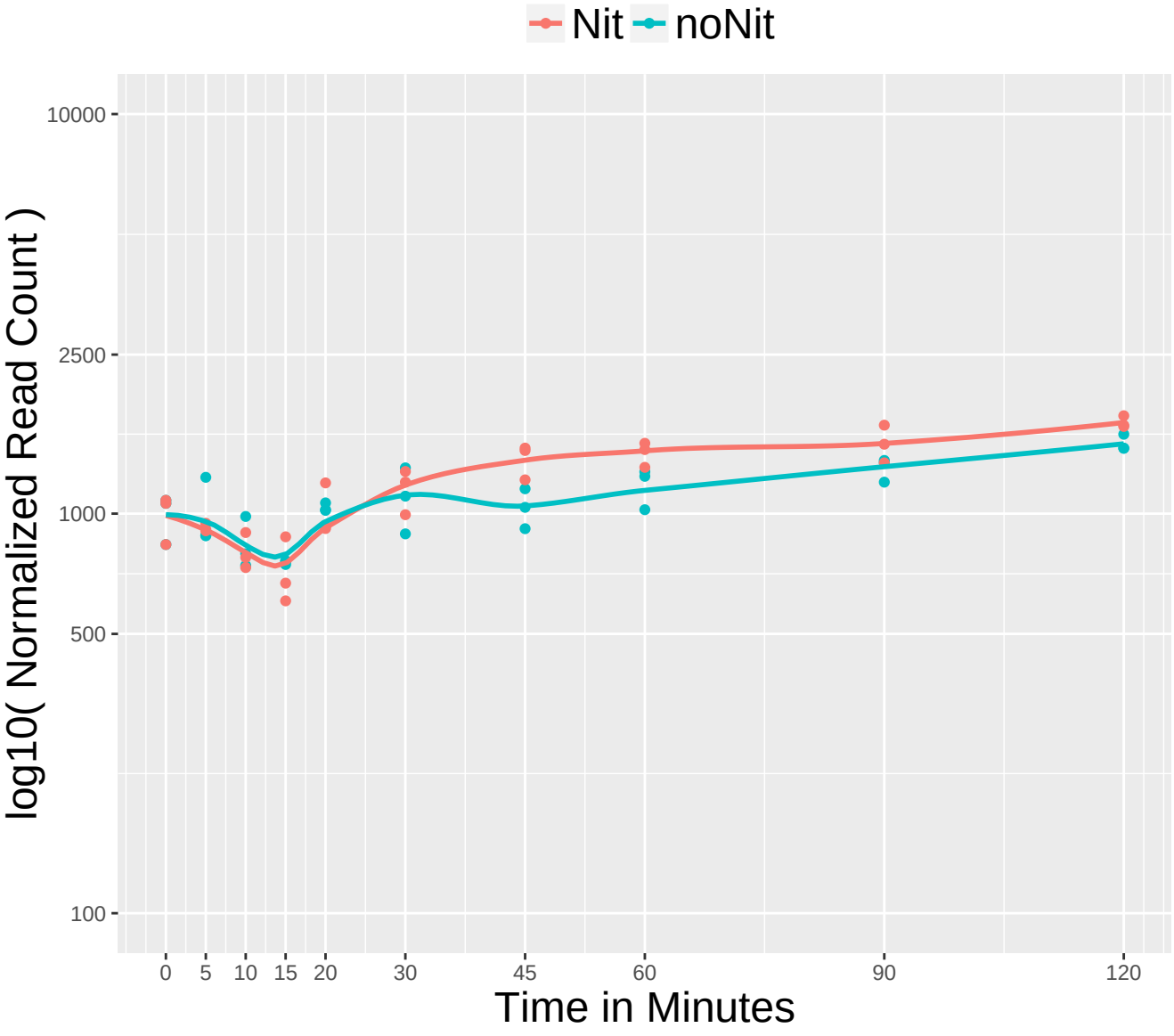

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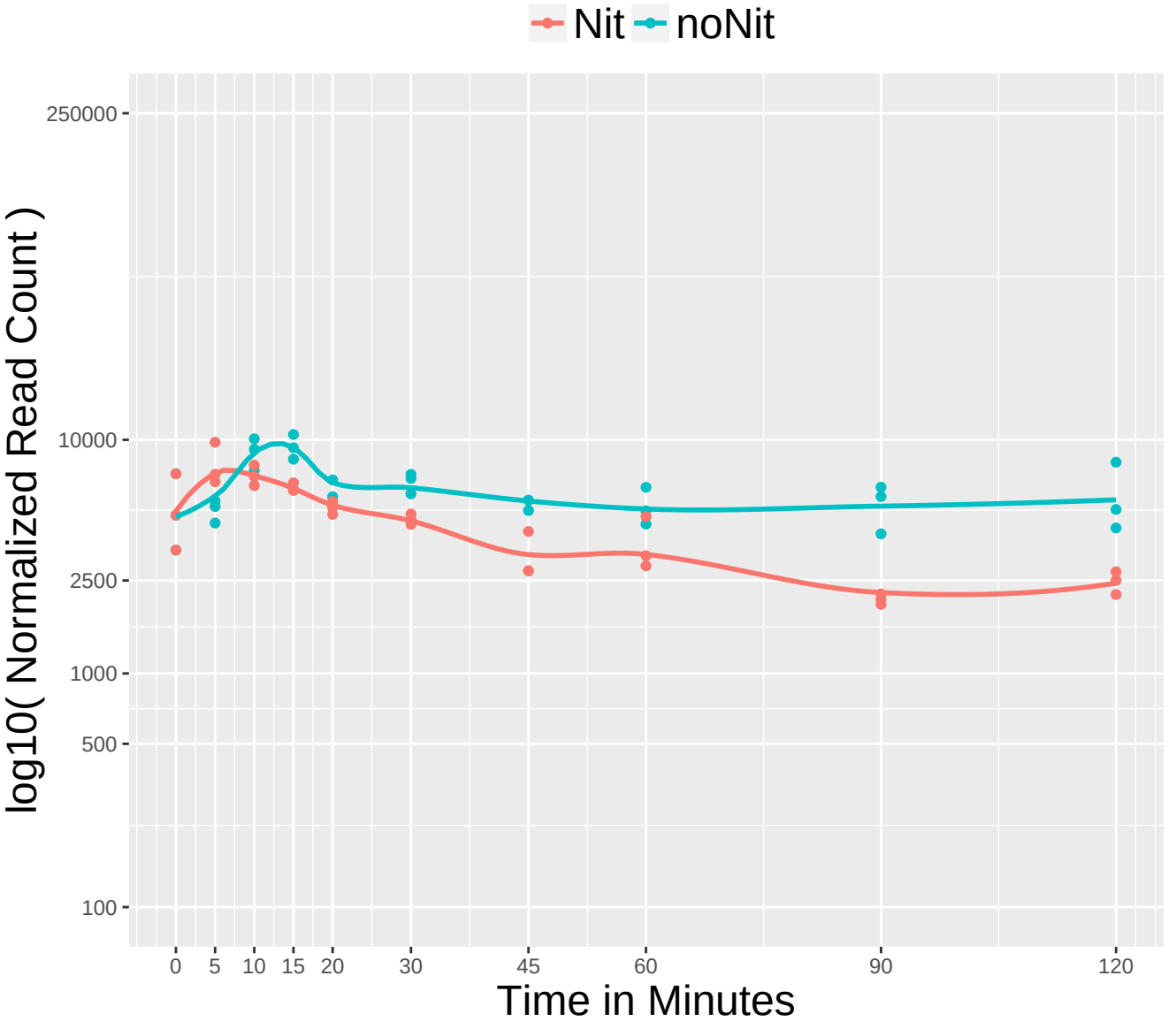
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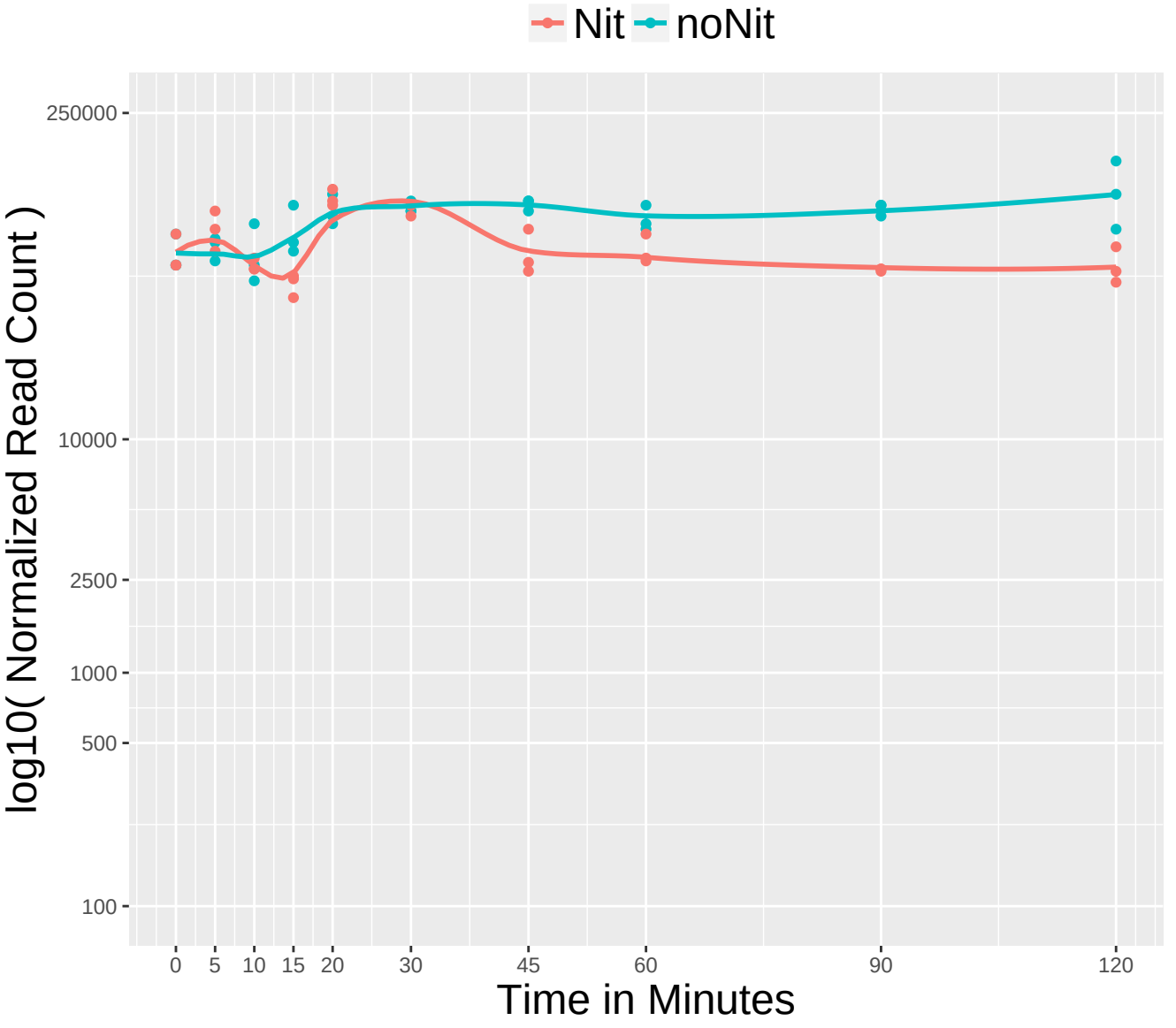
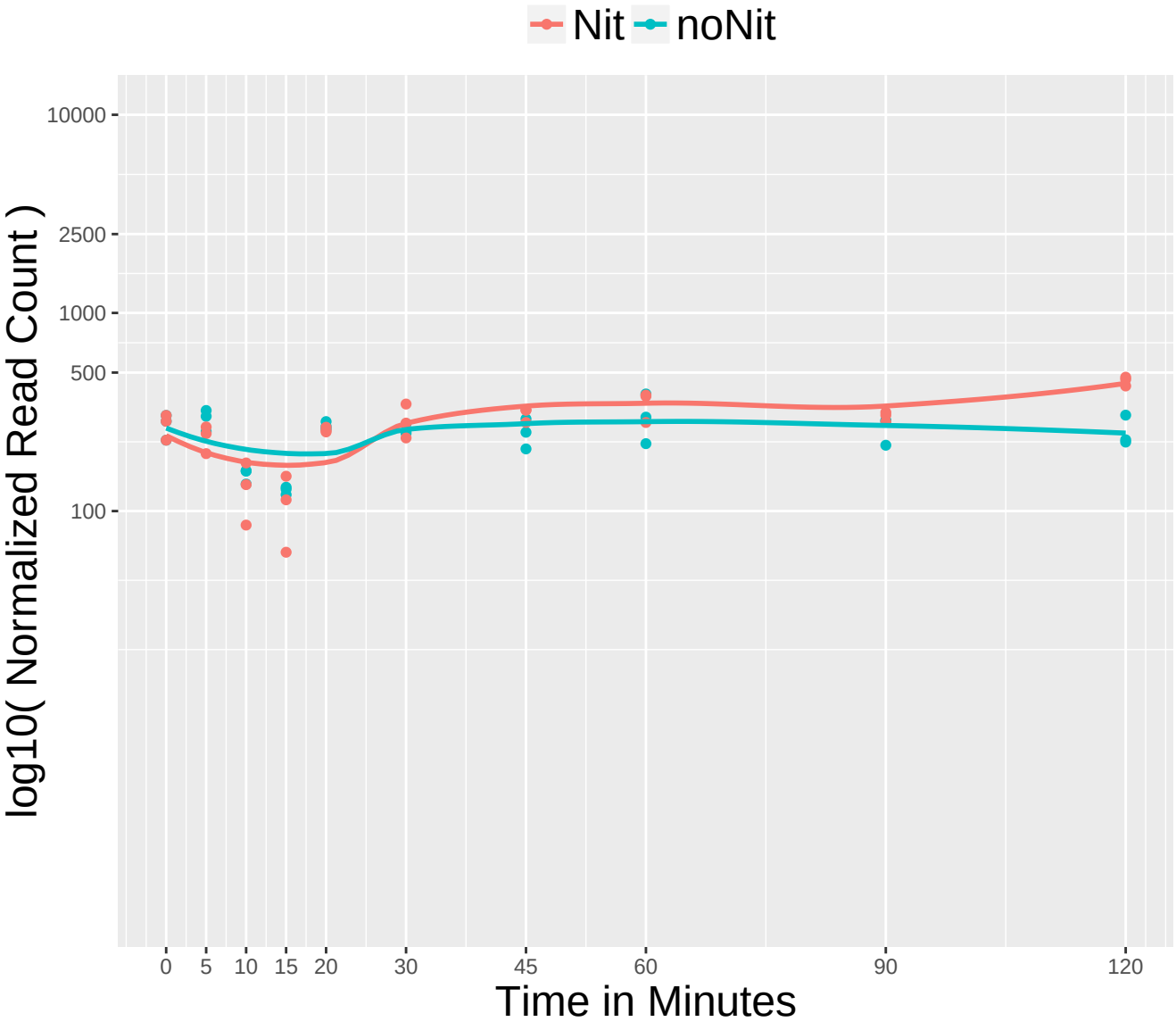
Proline−rich



AT1G51380

DEA(D/H)−box



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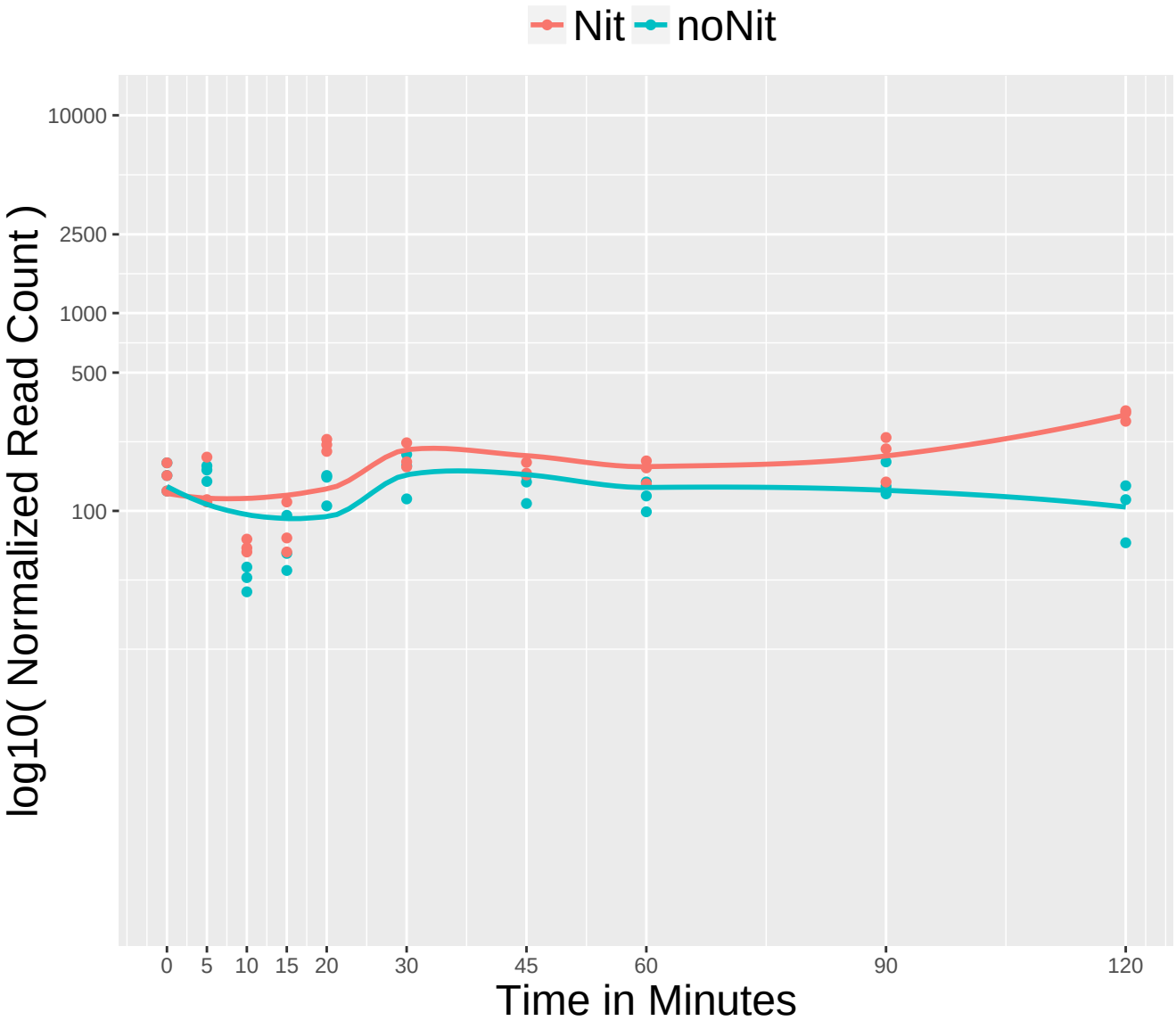
Regulator



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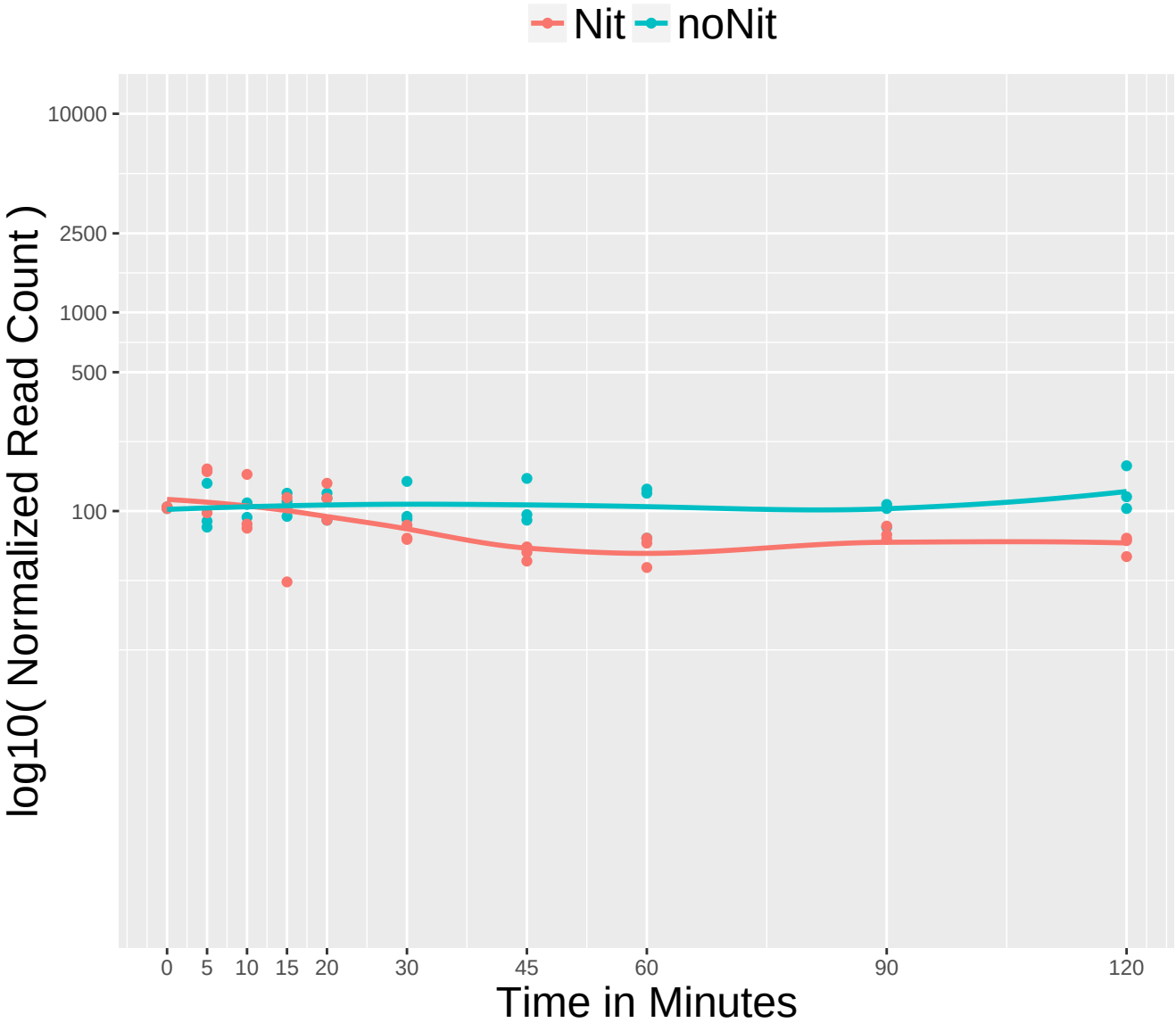
ATMYB31,ARABIDOPSIS



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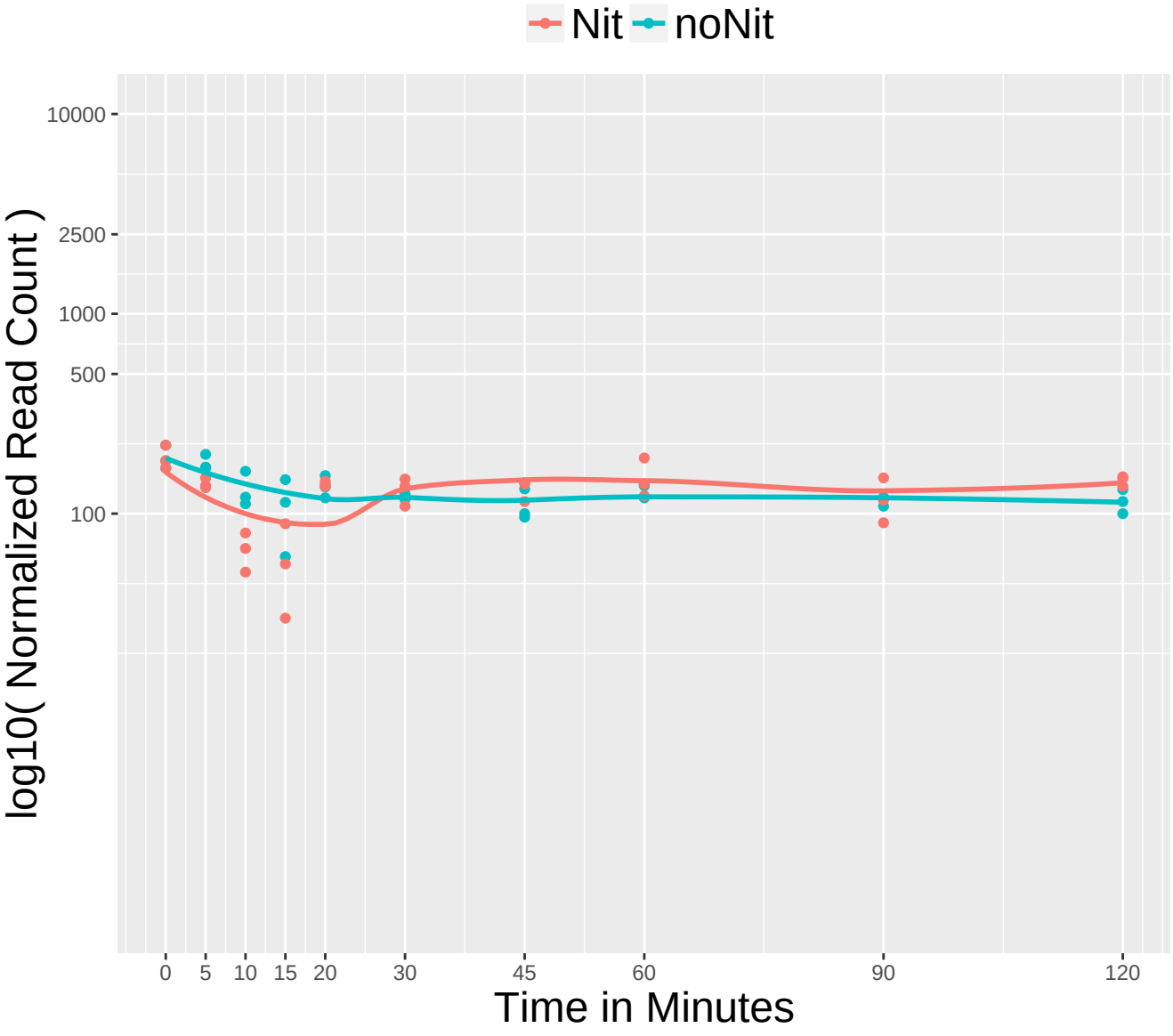
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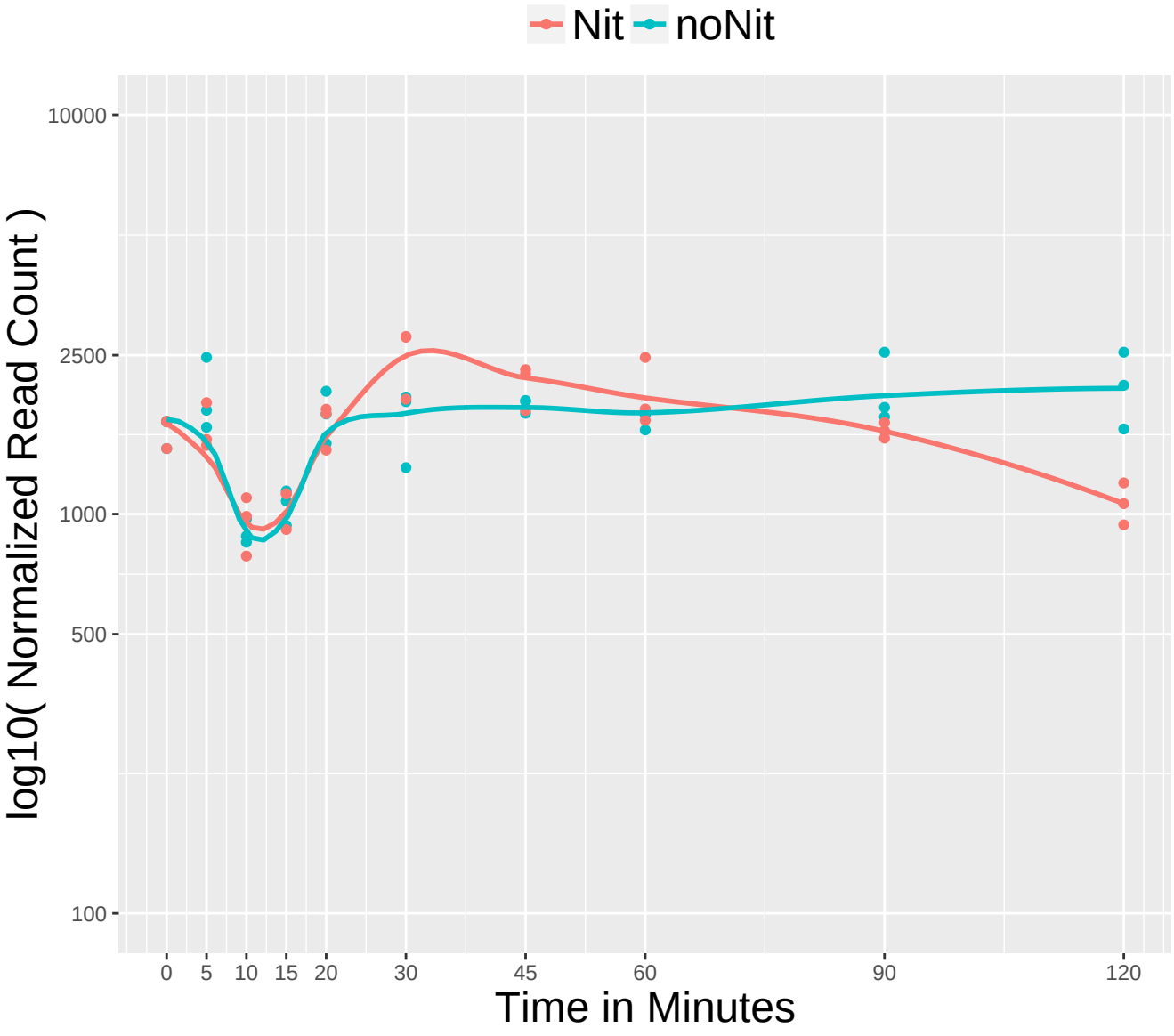
AT2G43120

RmlC−like



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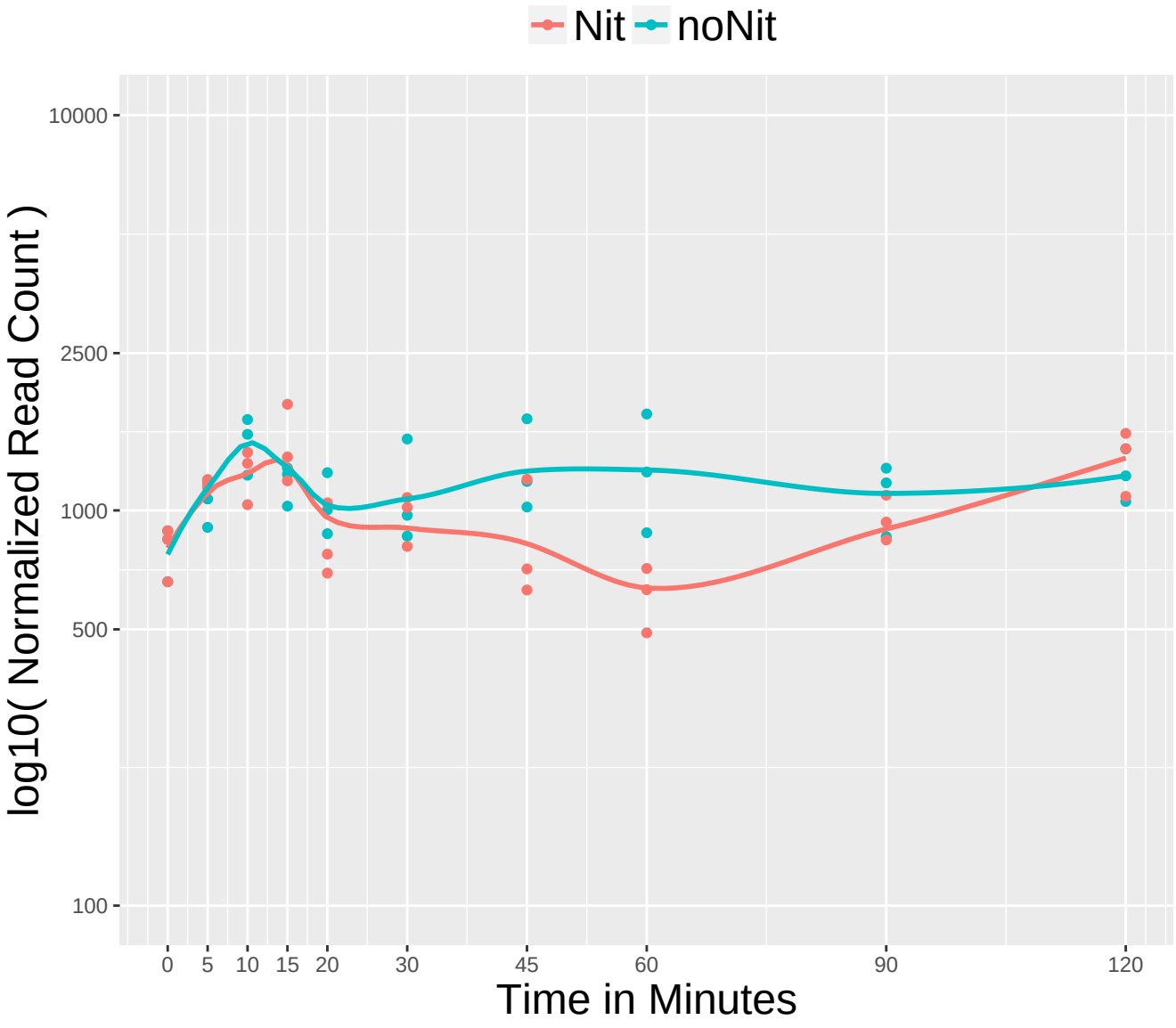
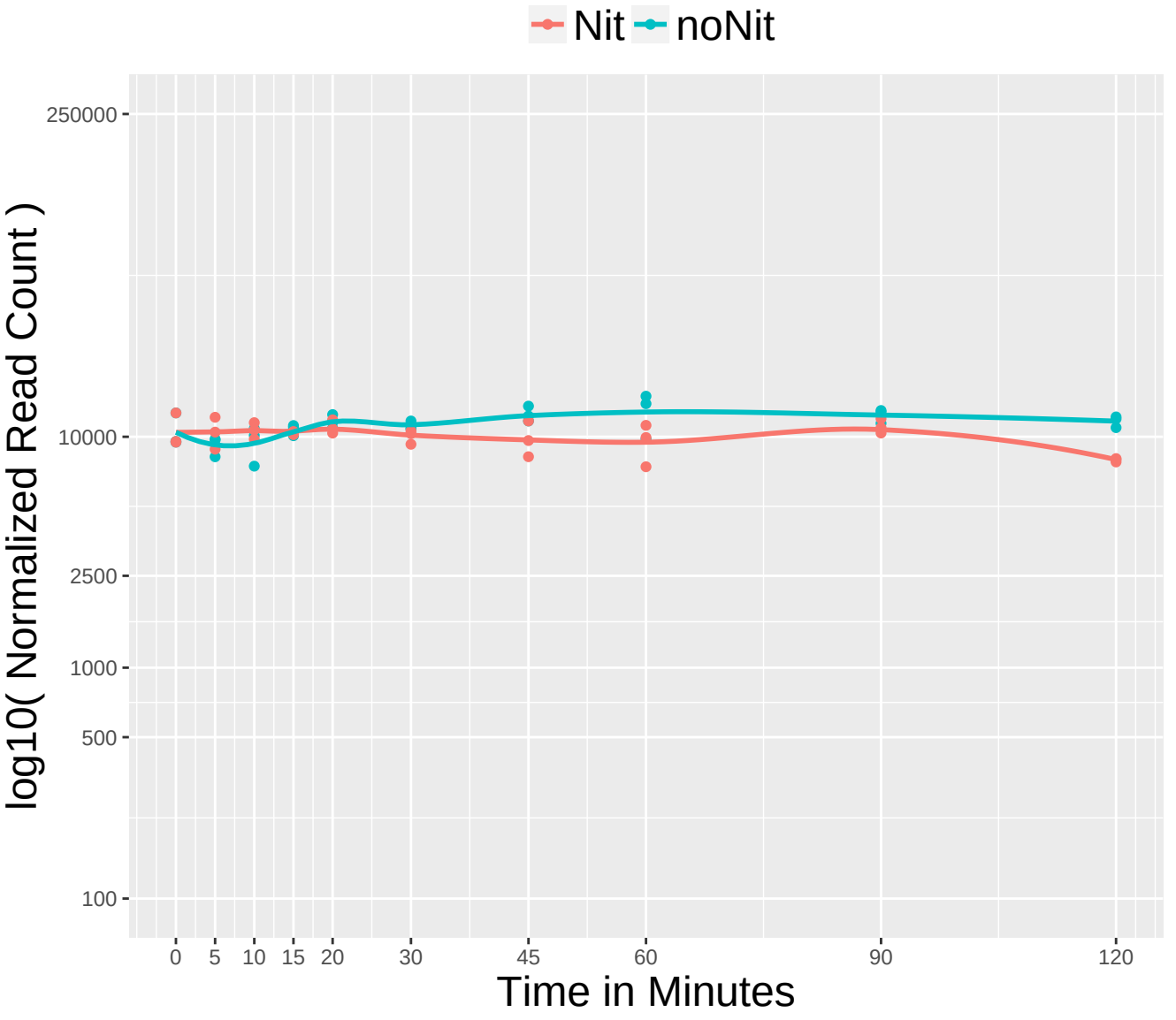
CAB4,,LHCA4,light−harvesting



AT4G02480

AAA−type



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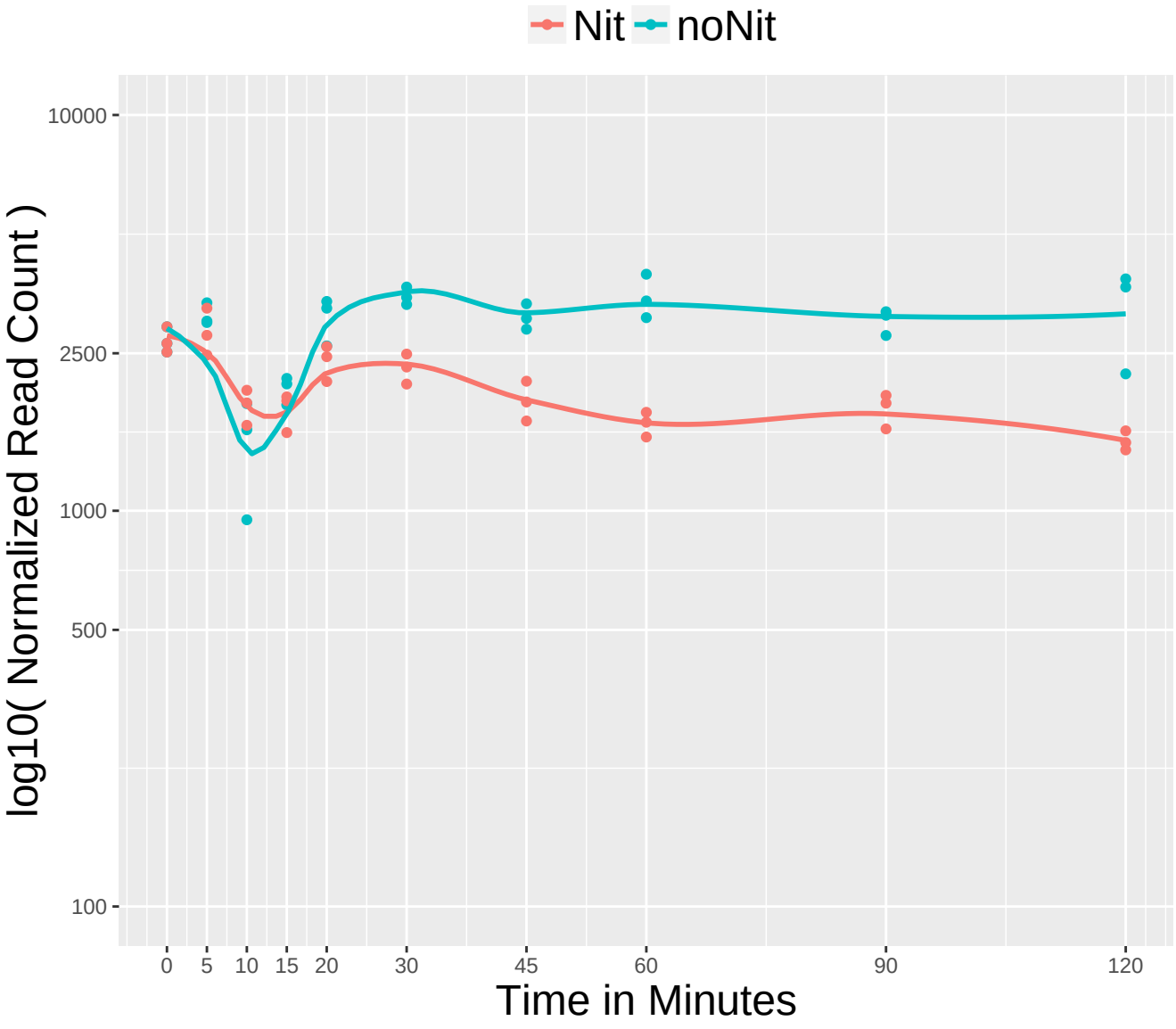
alpha/beta−Hydrolases



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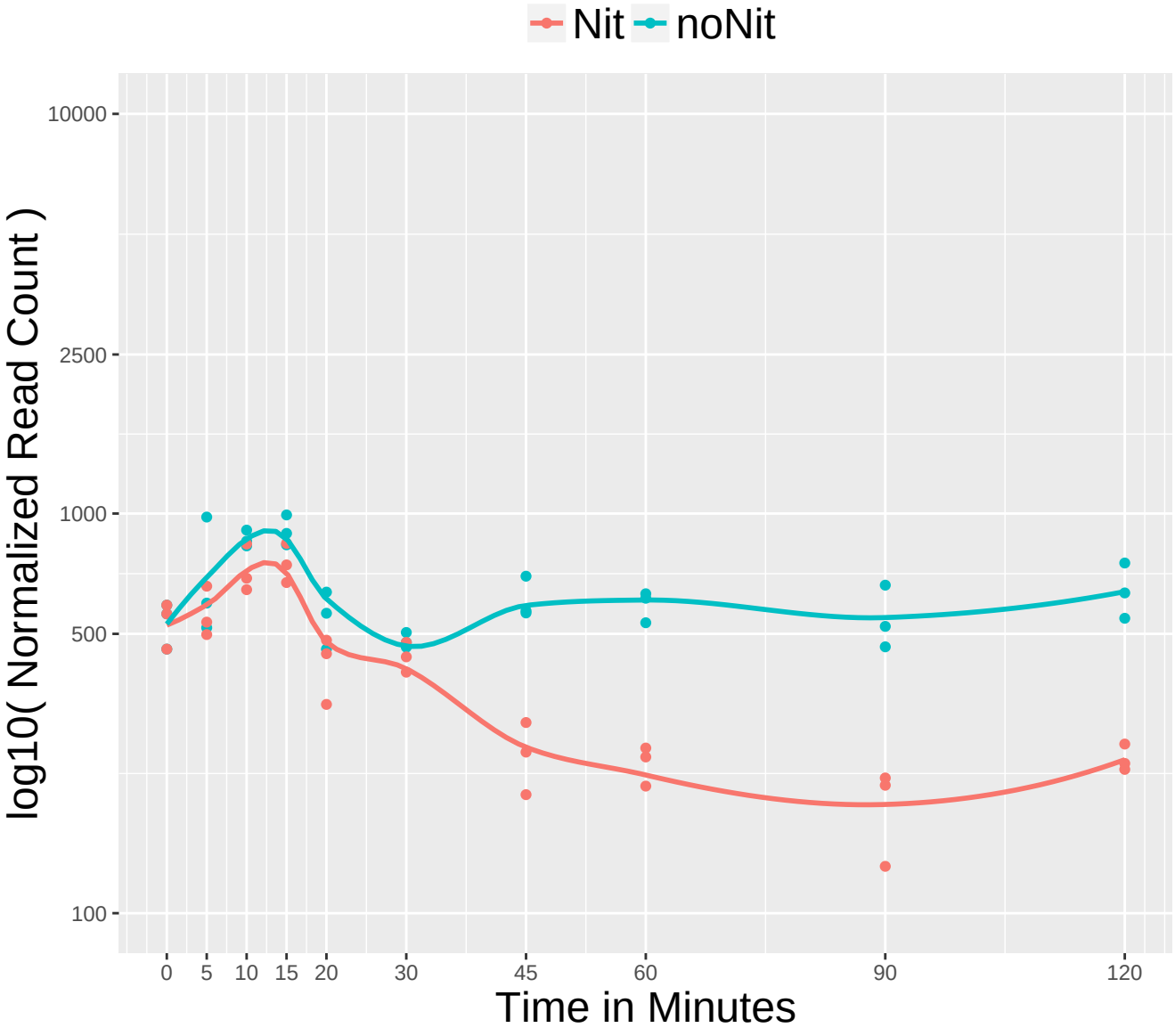
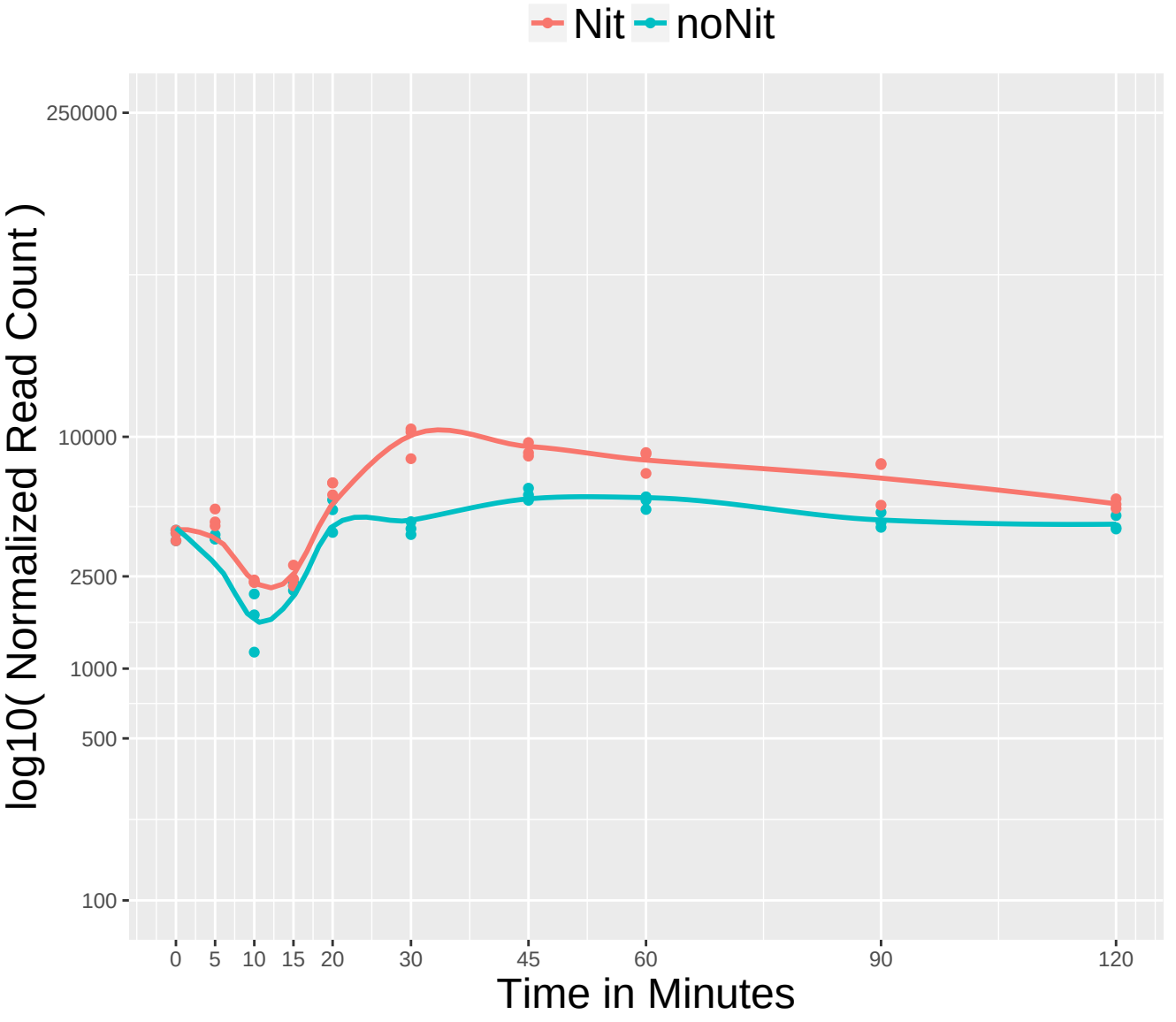


AT5G13180

ANAC083,NAC



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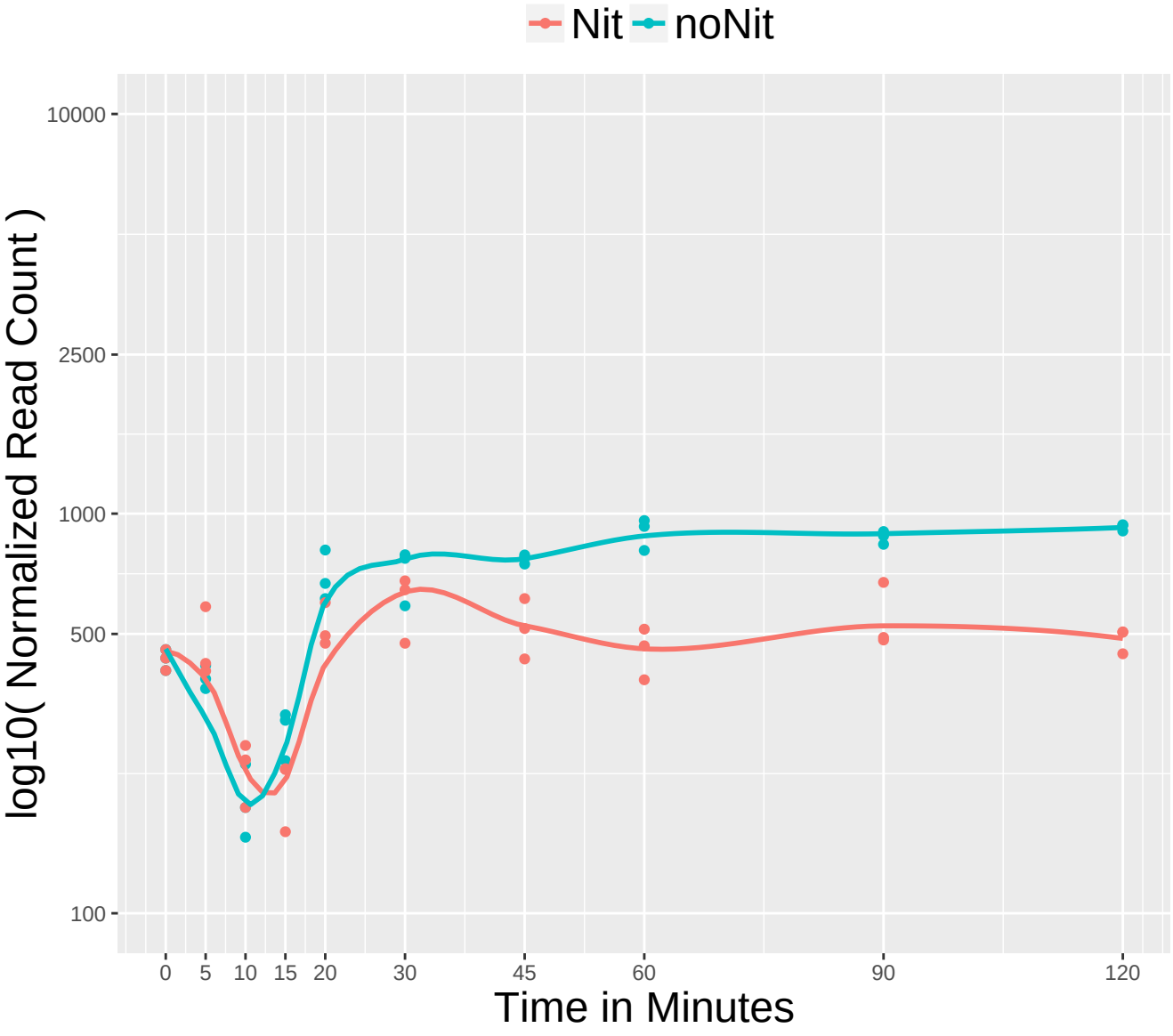
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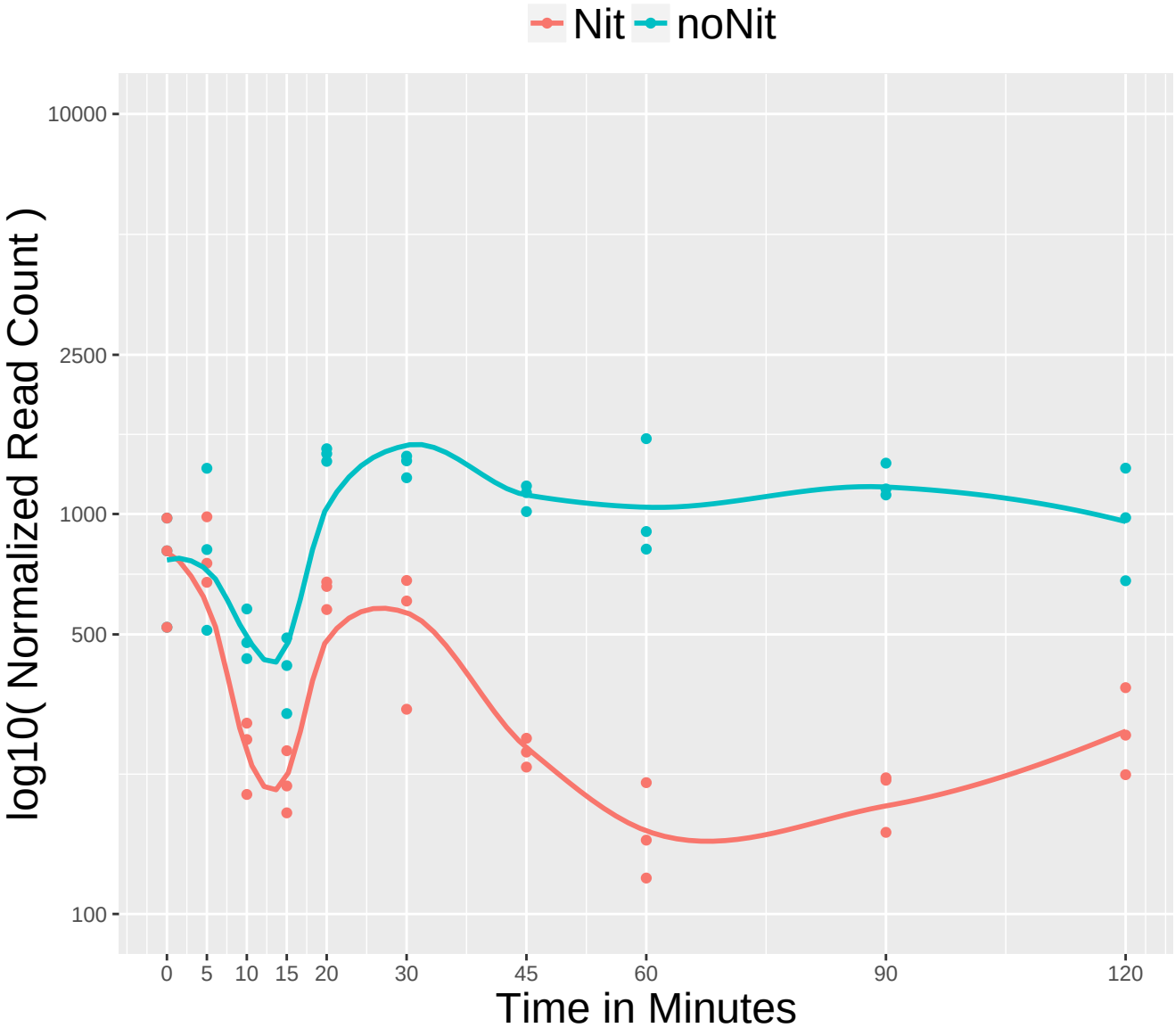
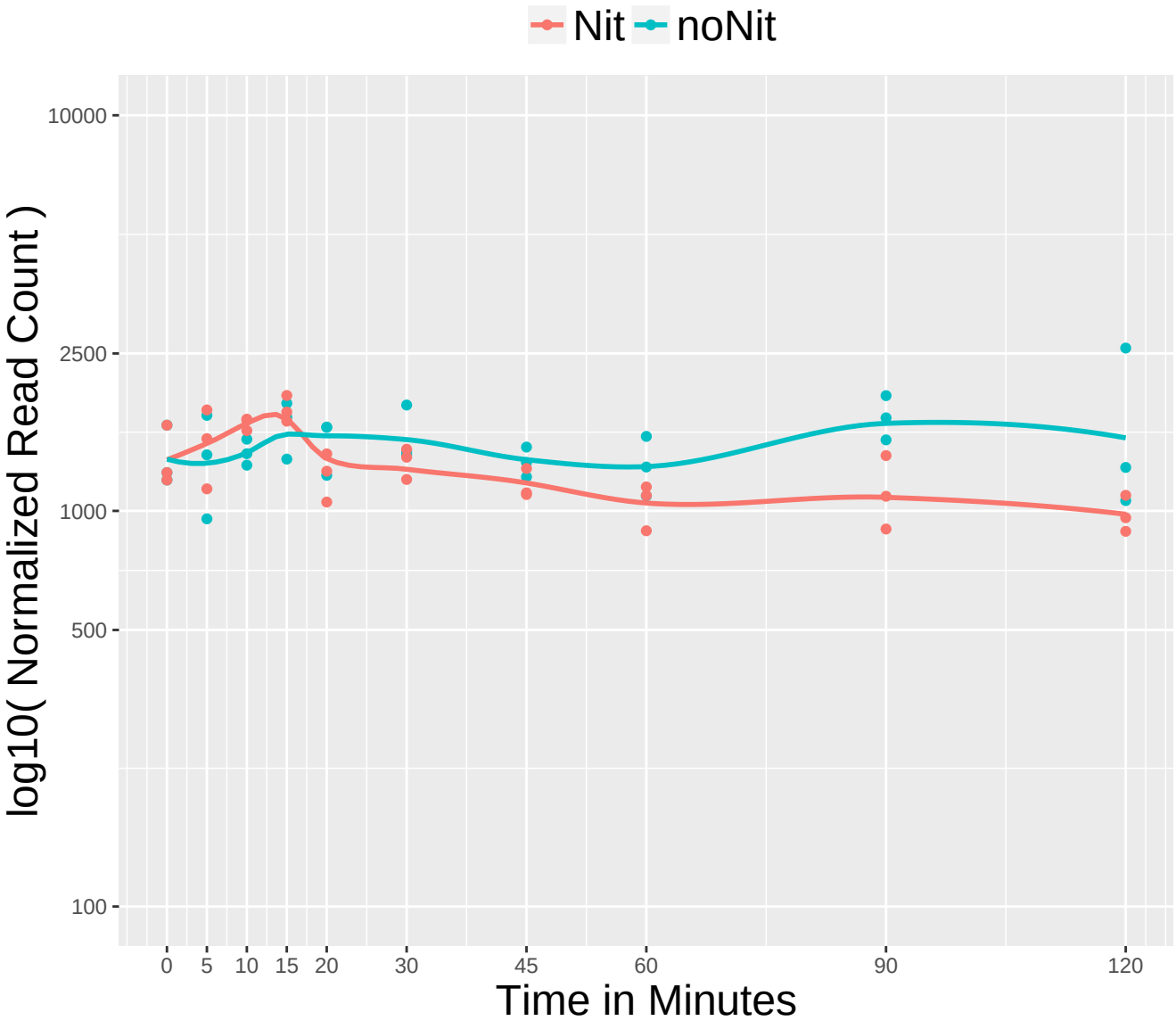
AT5G42610

Protein



AT5G52810

NAD(P)−binding



AT5G55400

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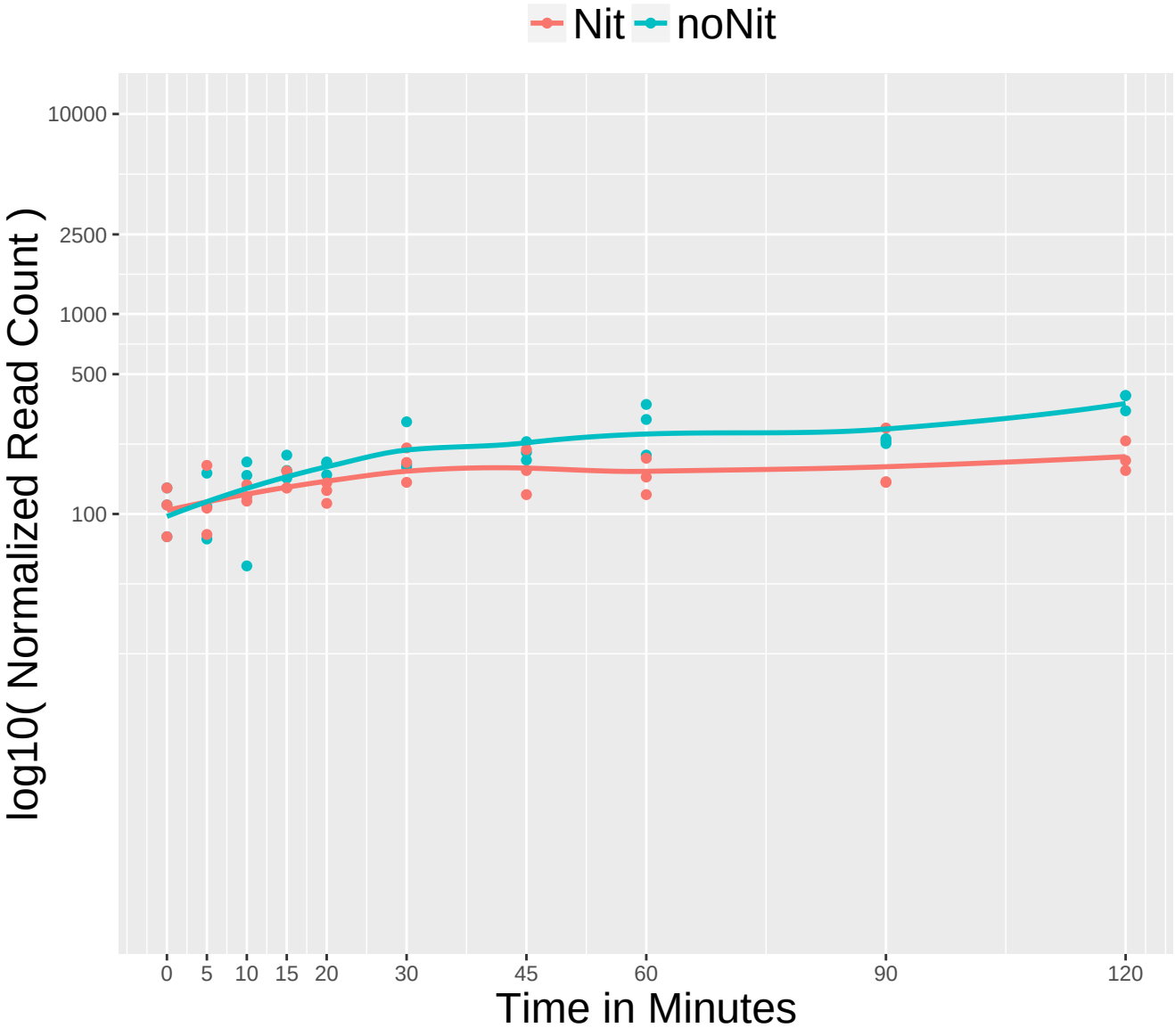
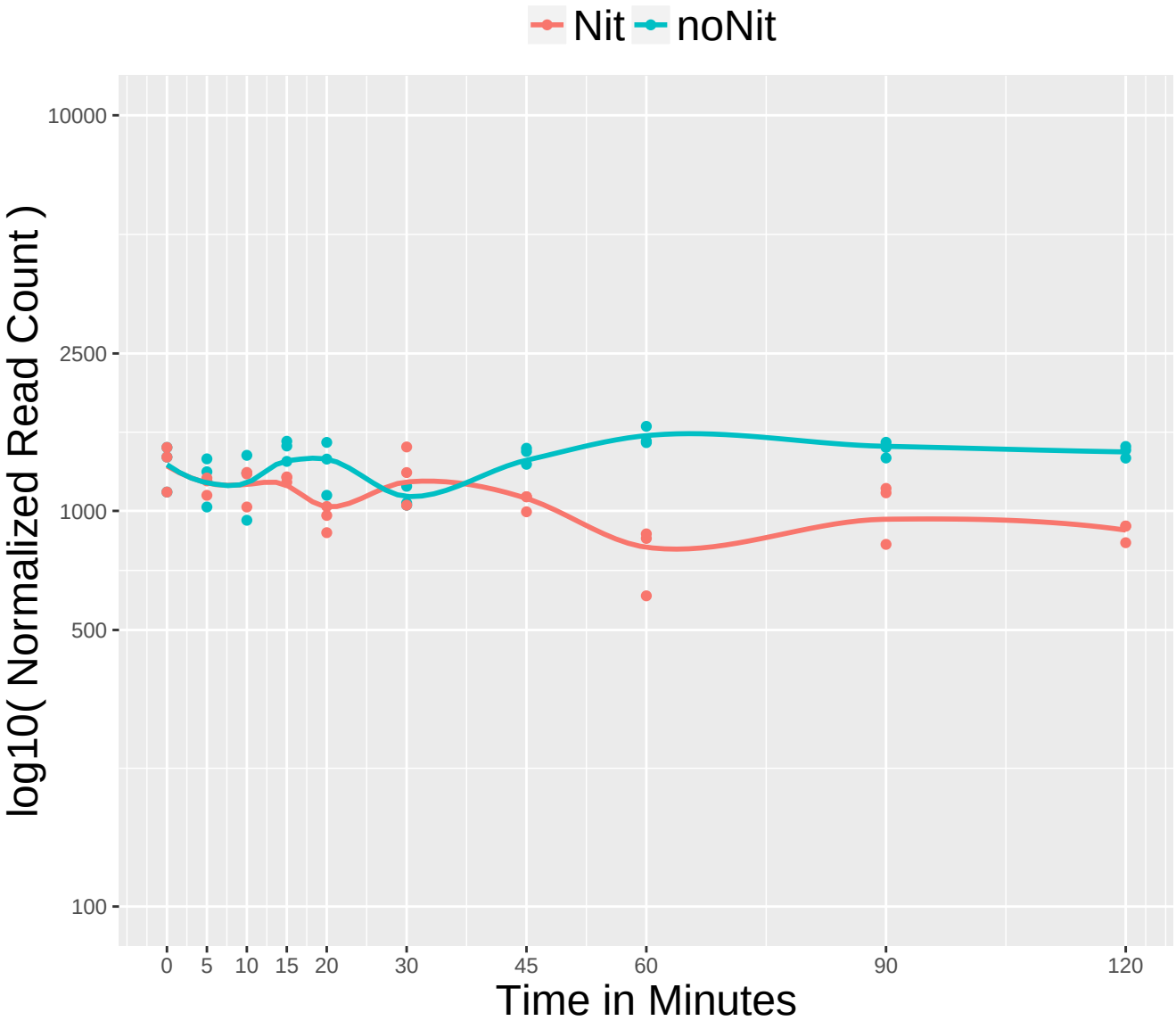


AT5G61250

AtGUS1,glucuronidase



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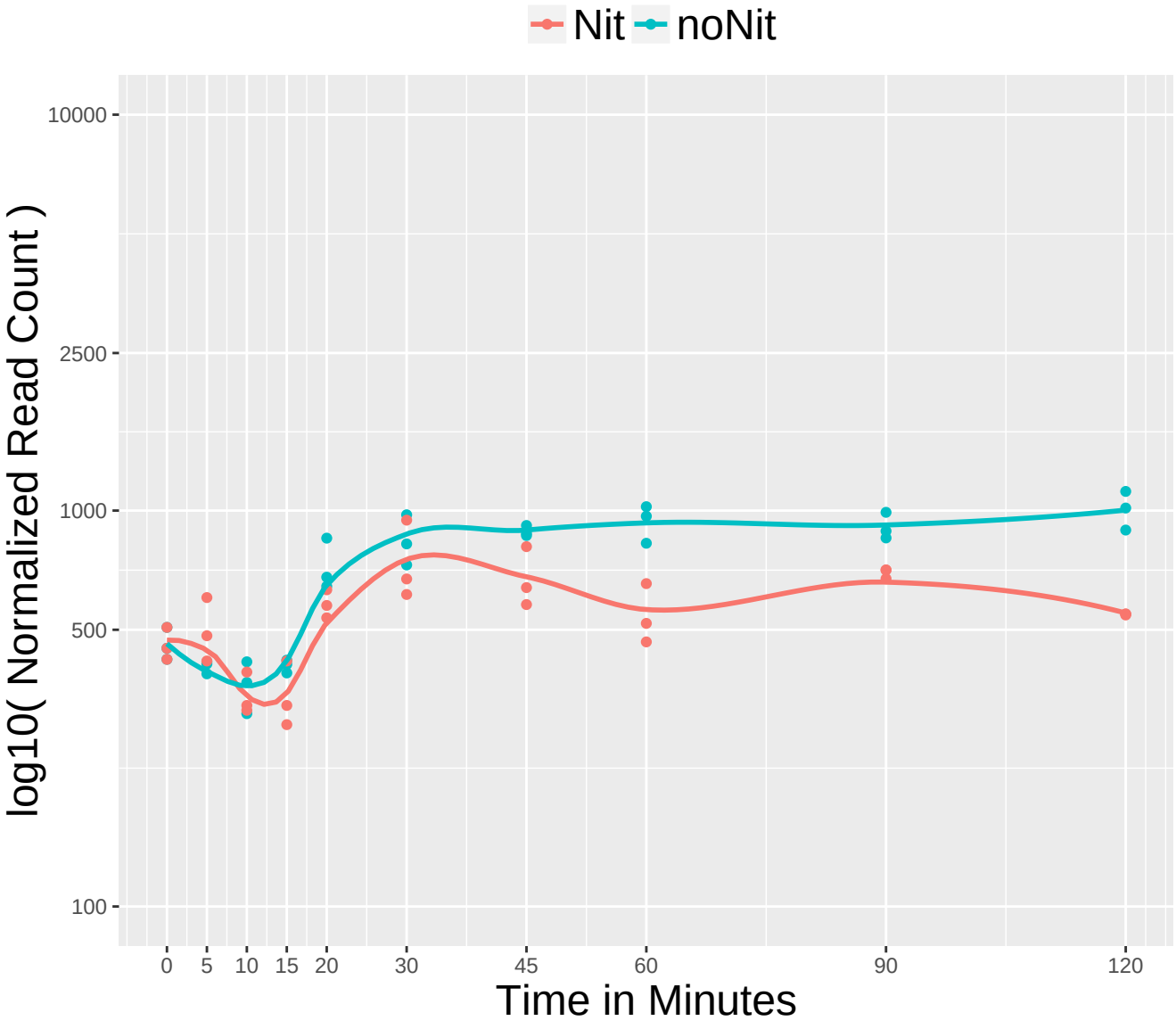
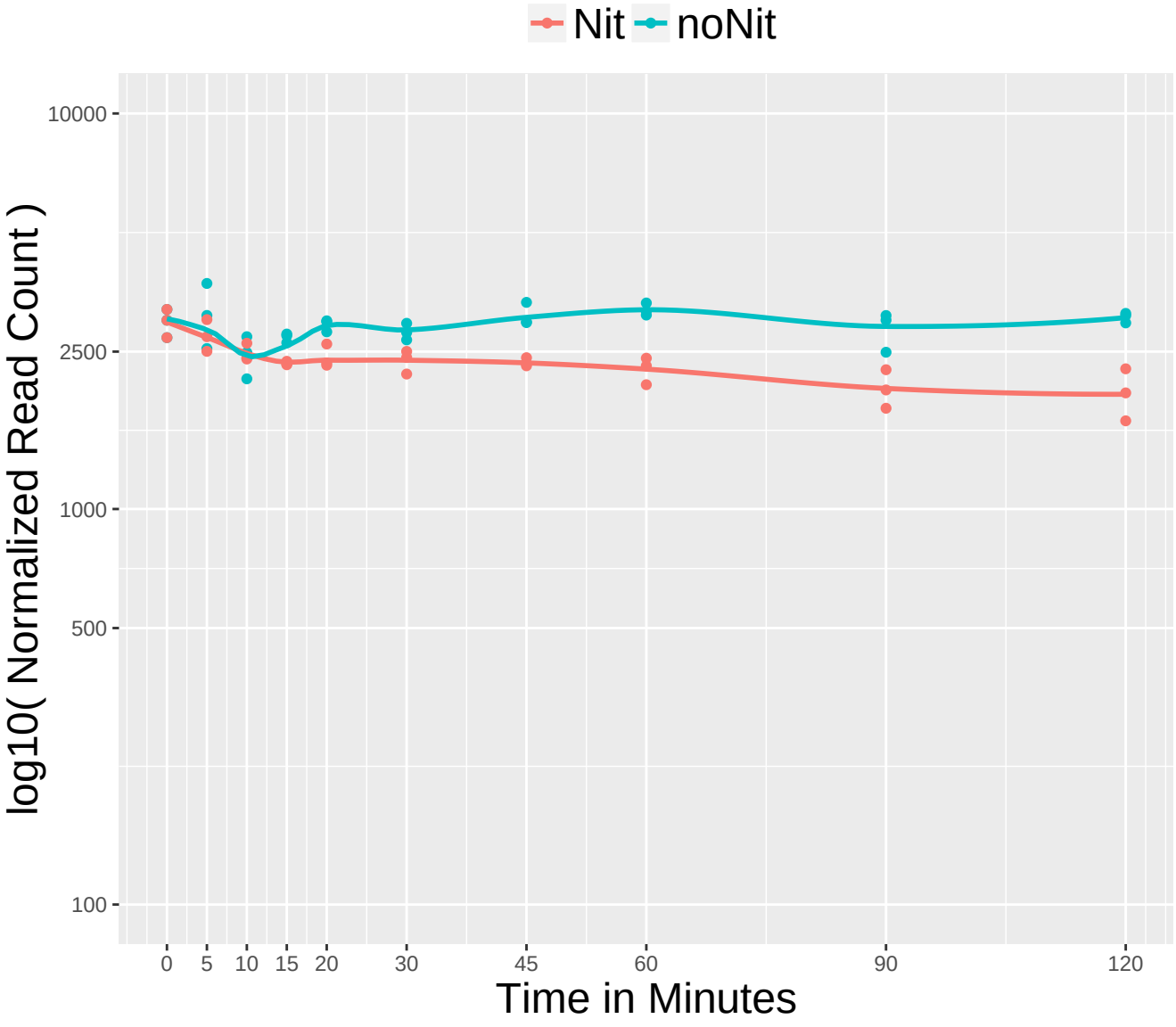
PFK4,phosphofructokinase



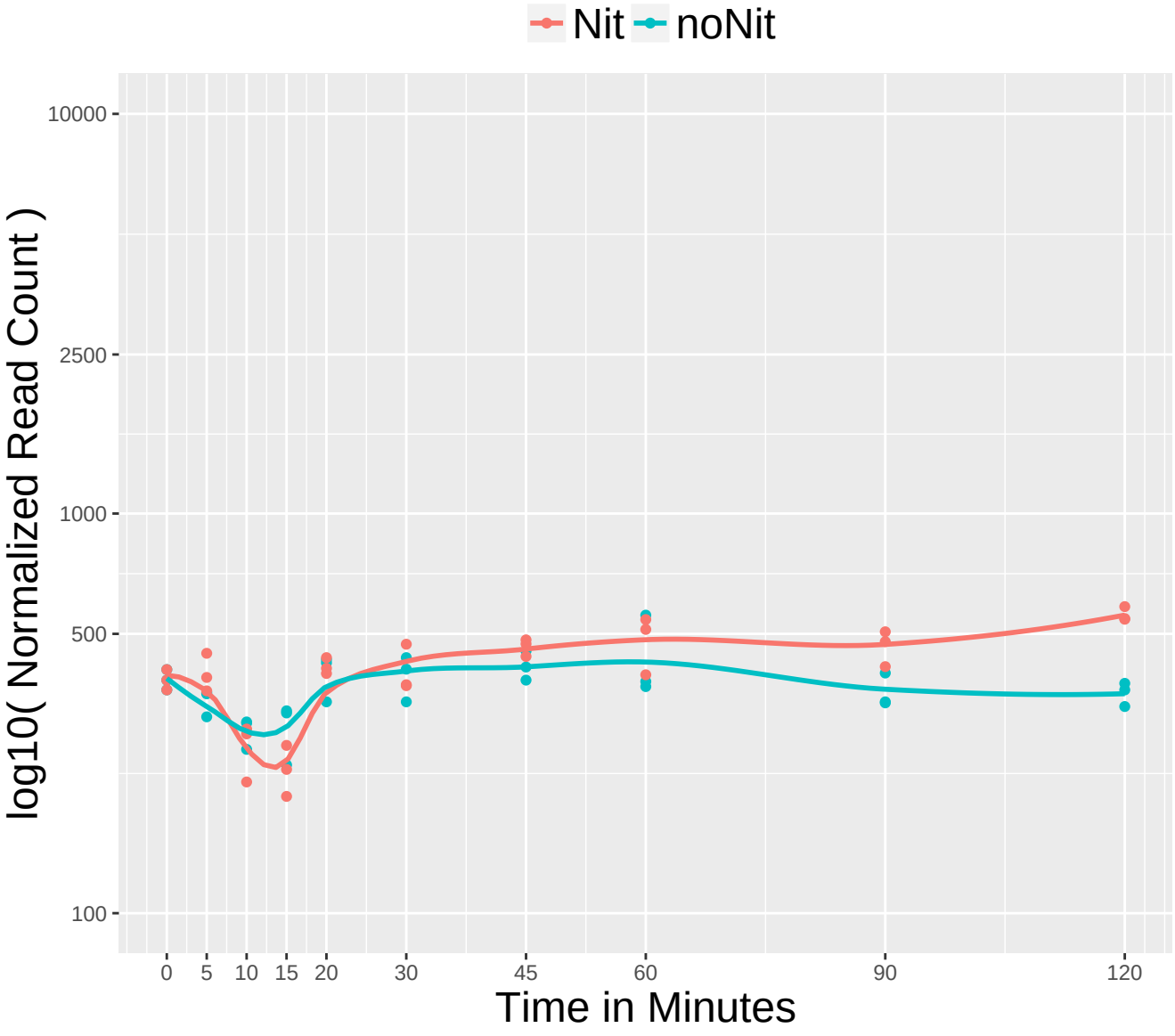
AT1G06780

GAUT6,galacturonosyltransferase

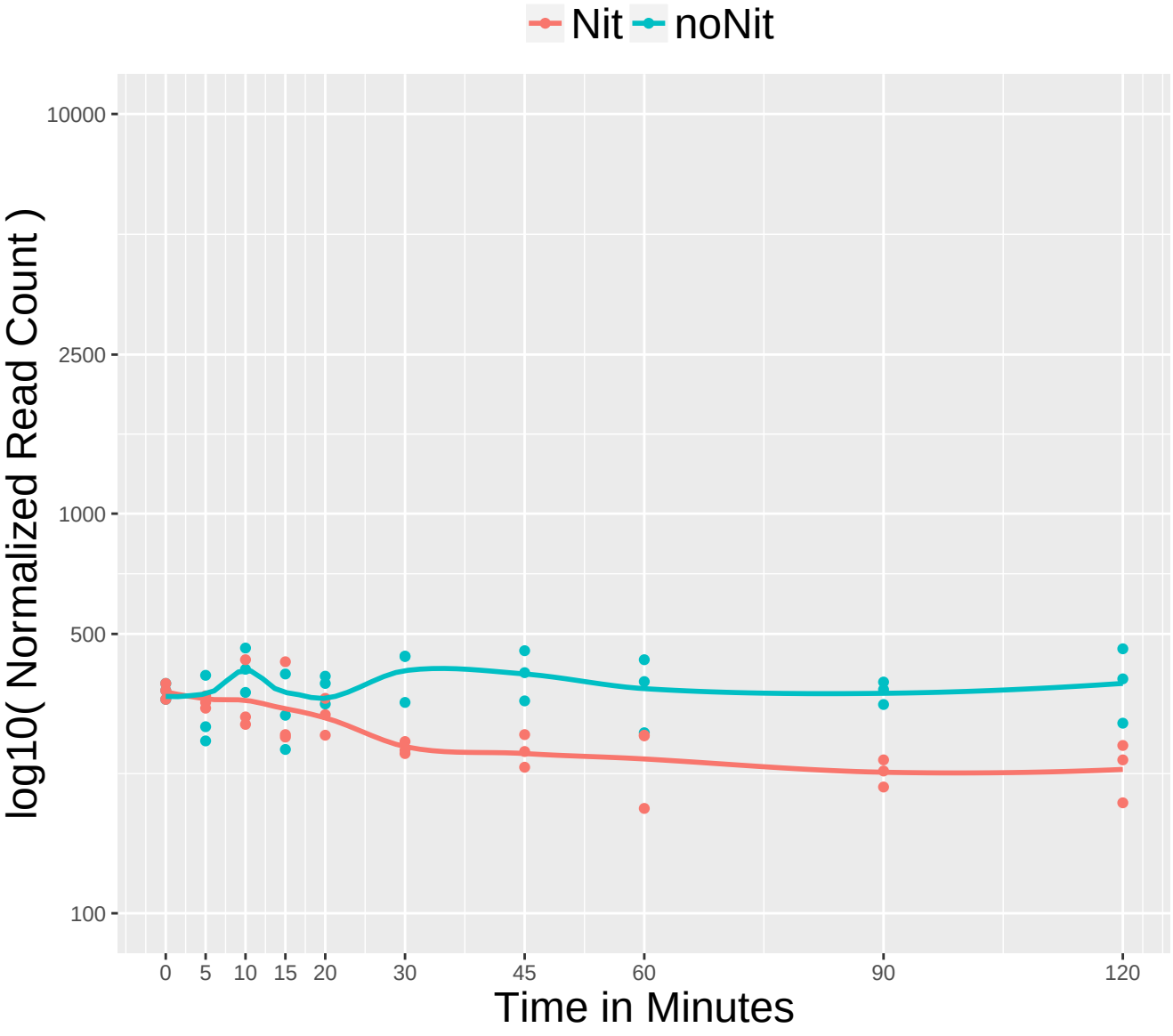


AT1G76120

Pseudouridine



AT2G17300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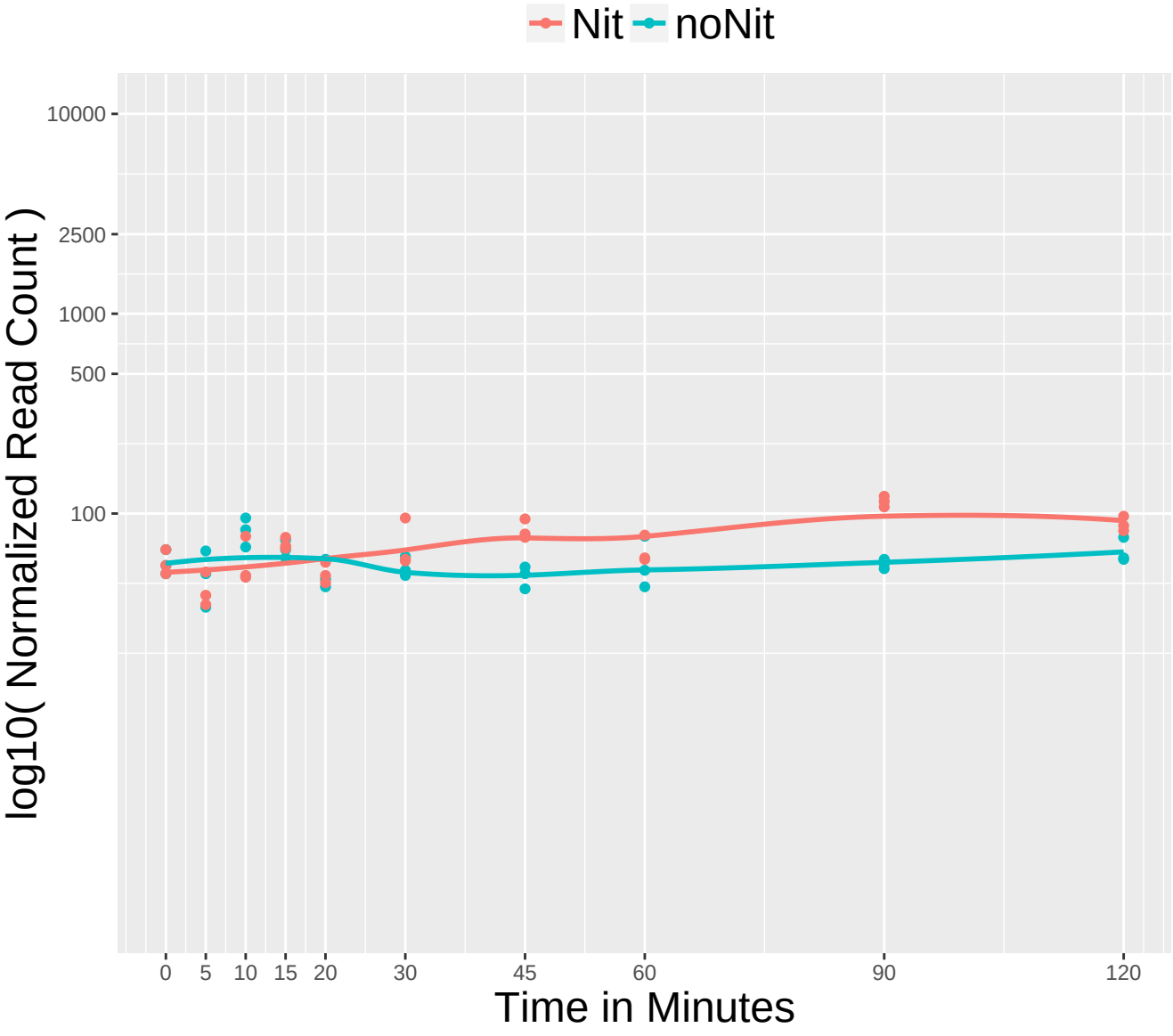
AT2G41190

Transmembrane



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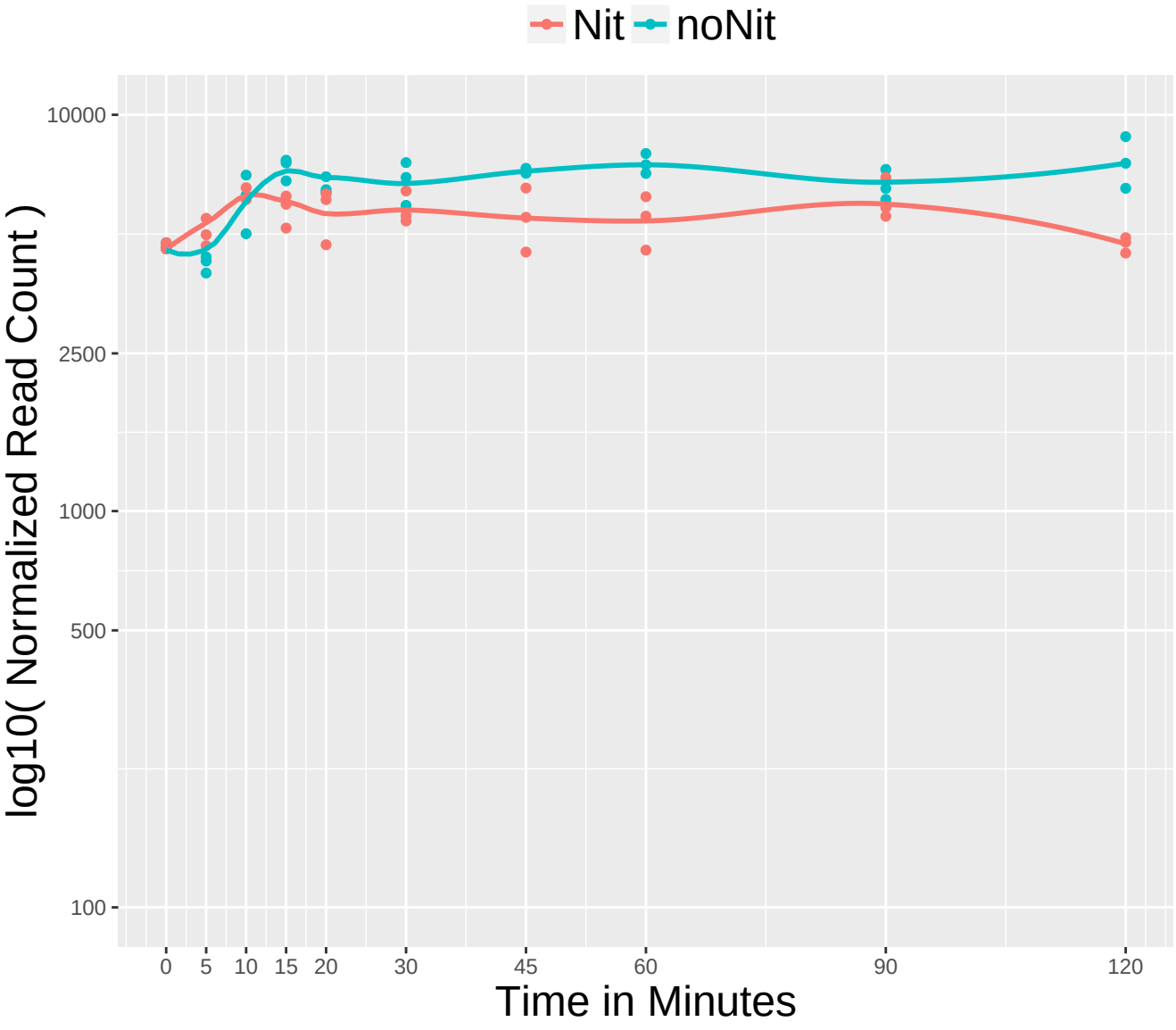
Copper



AT3G04530

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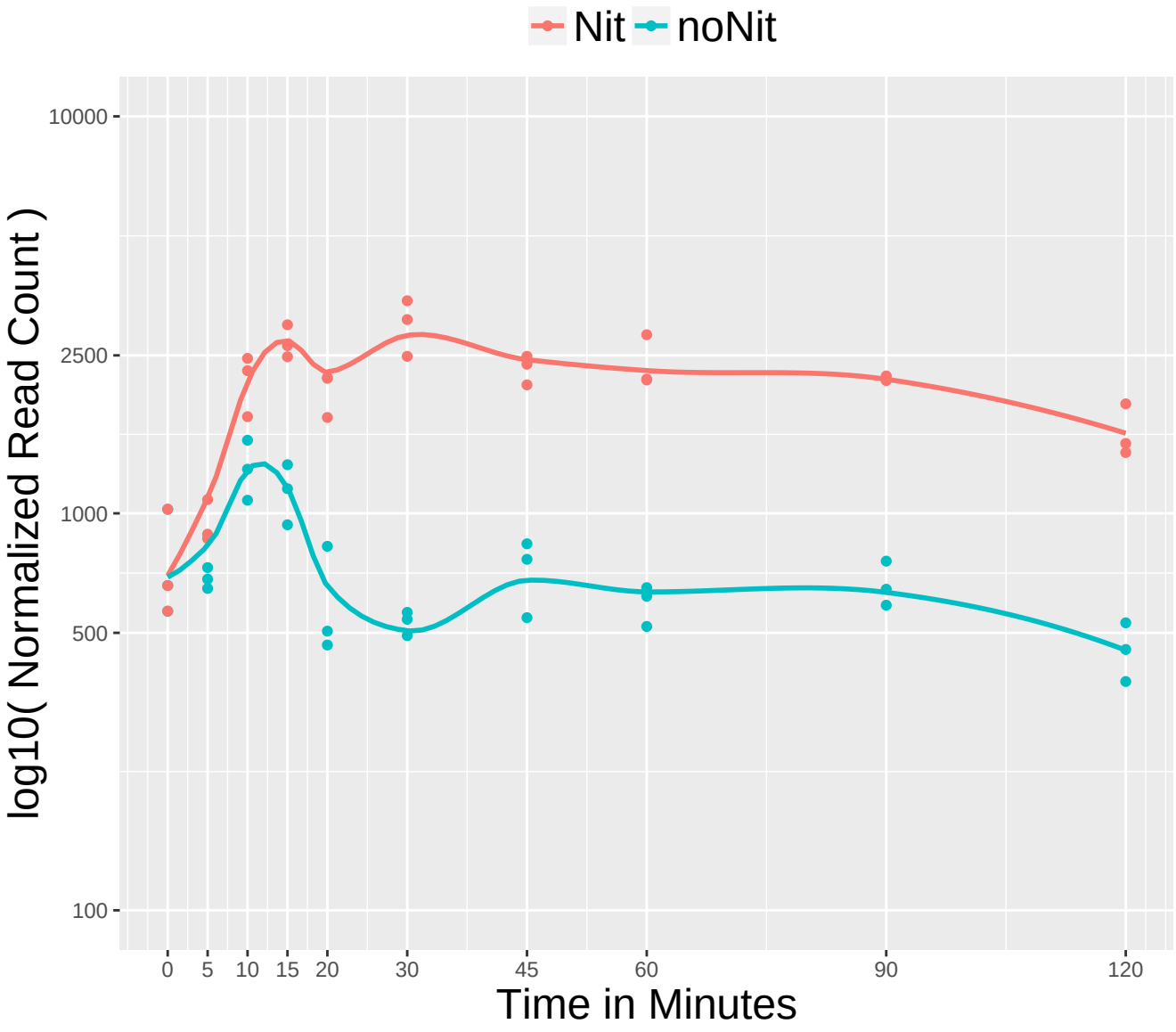

AT3G07010

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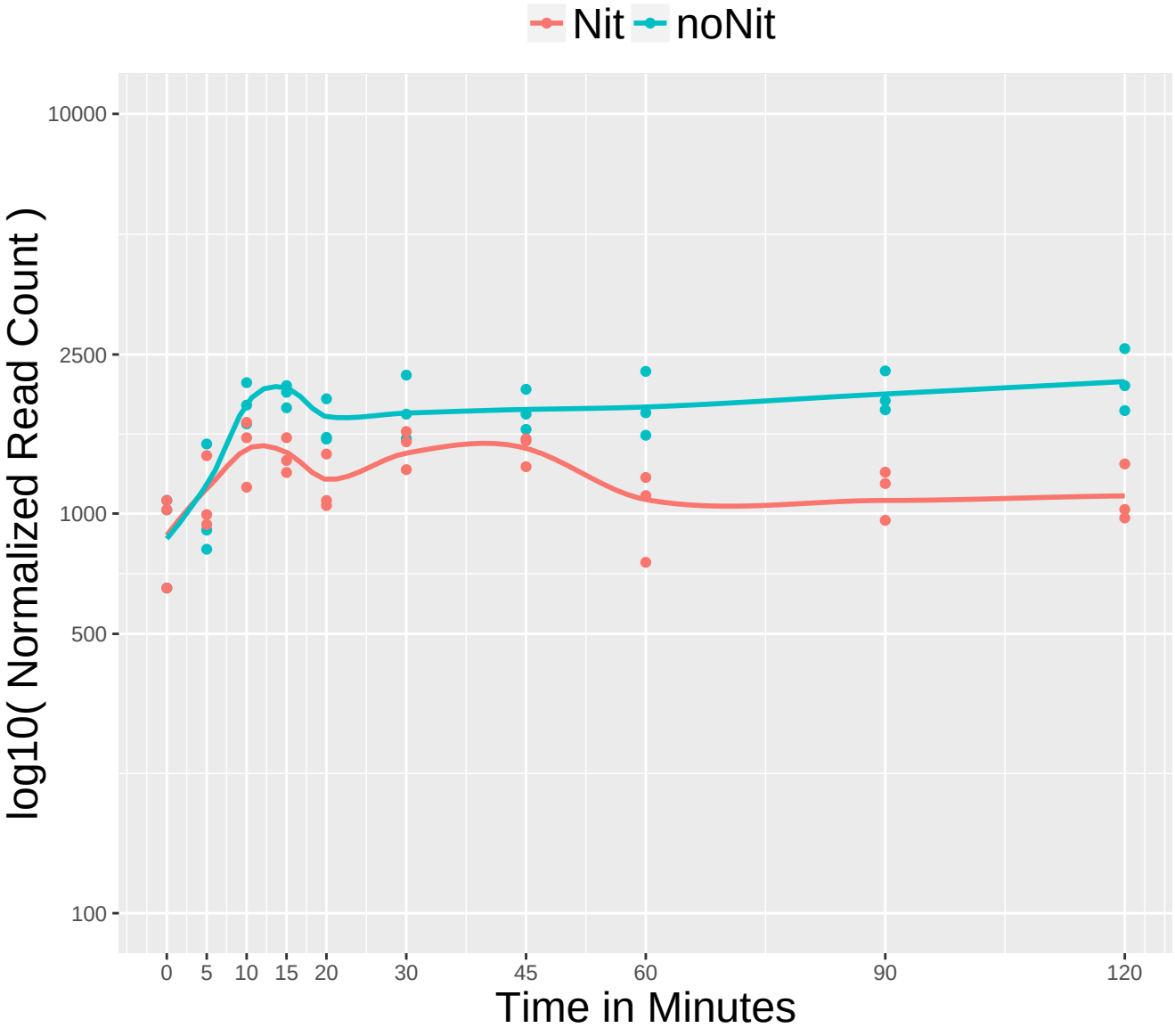

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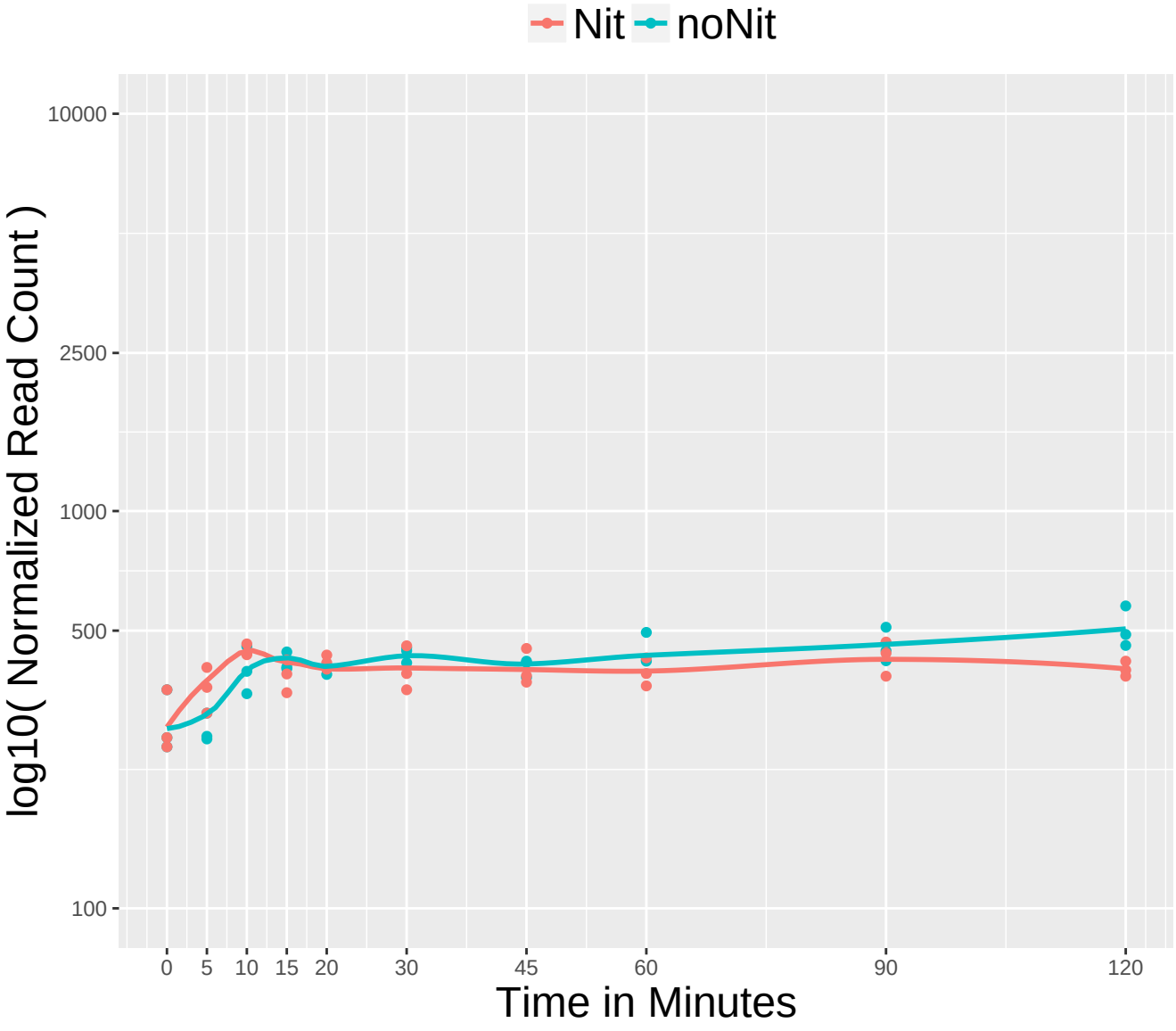

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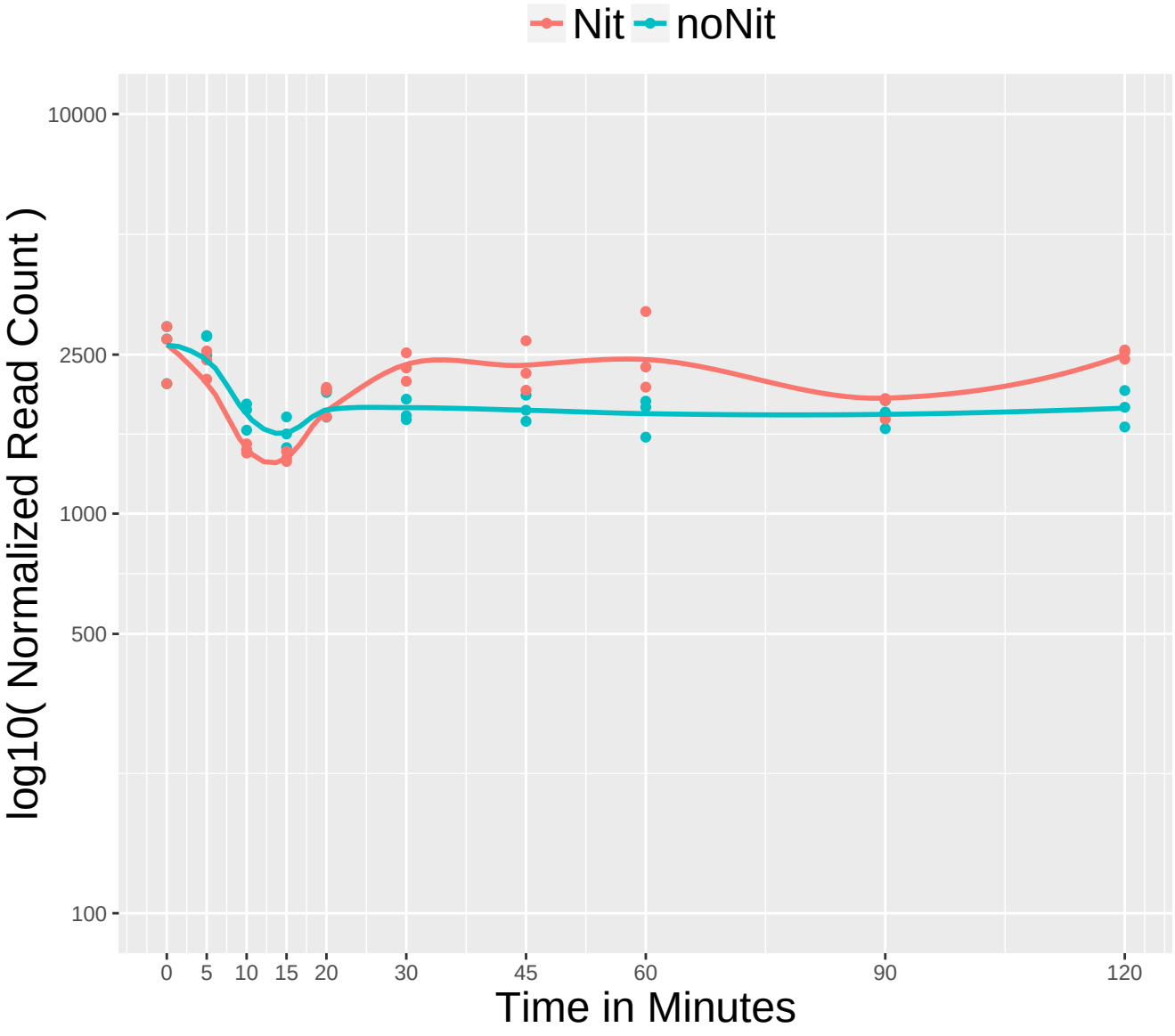

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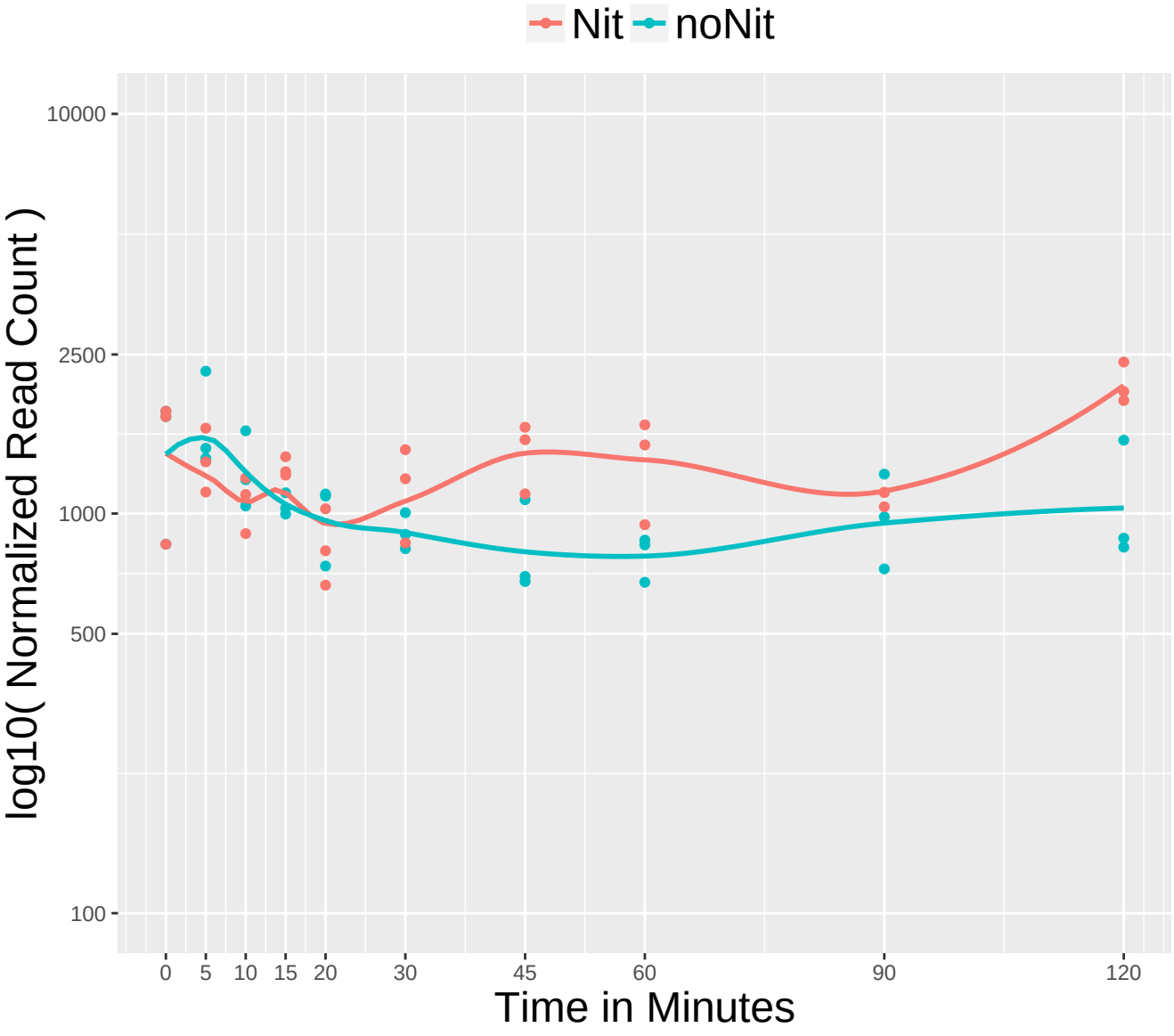
Histone



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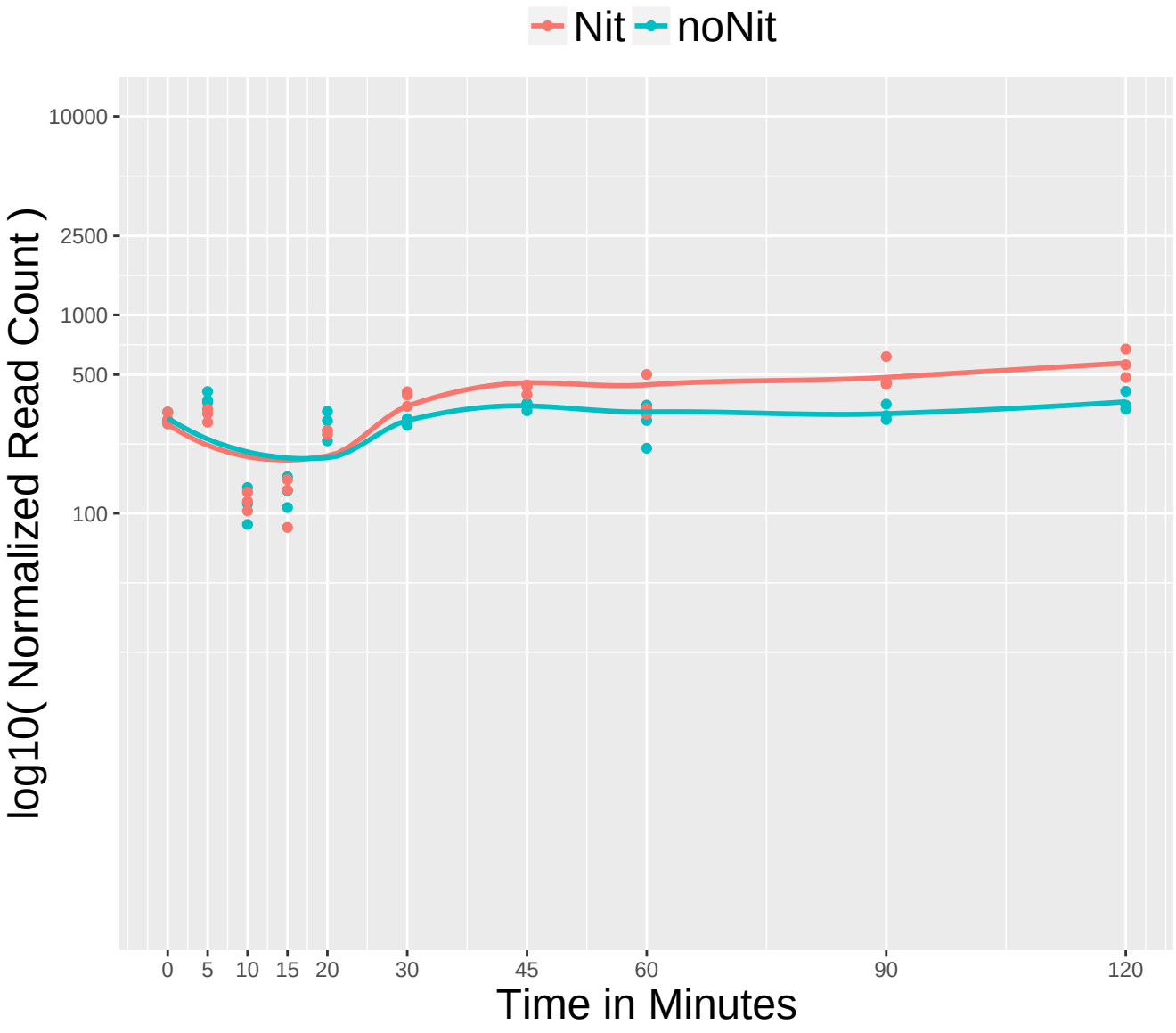

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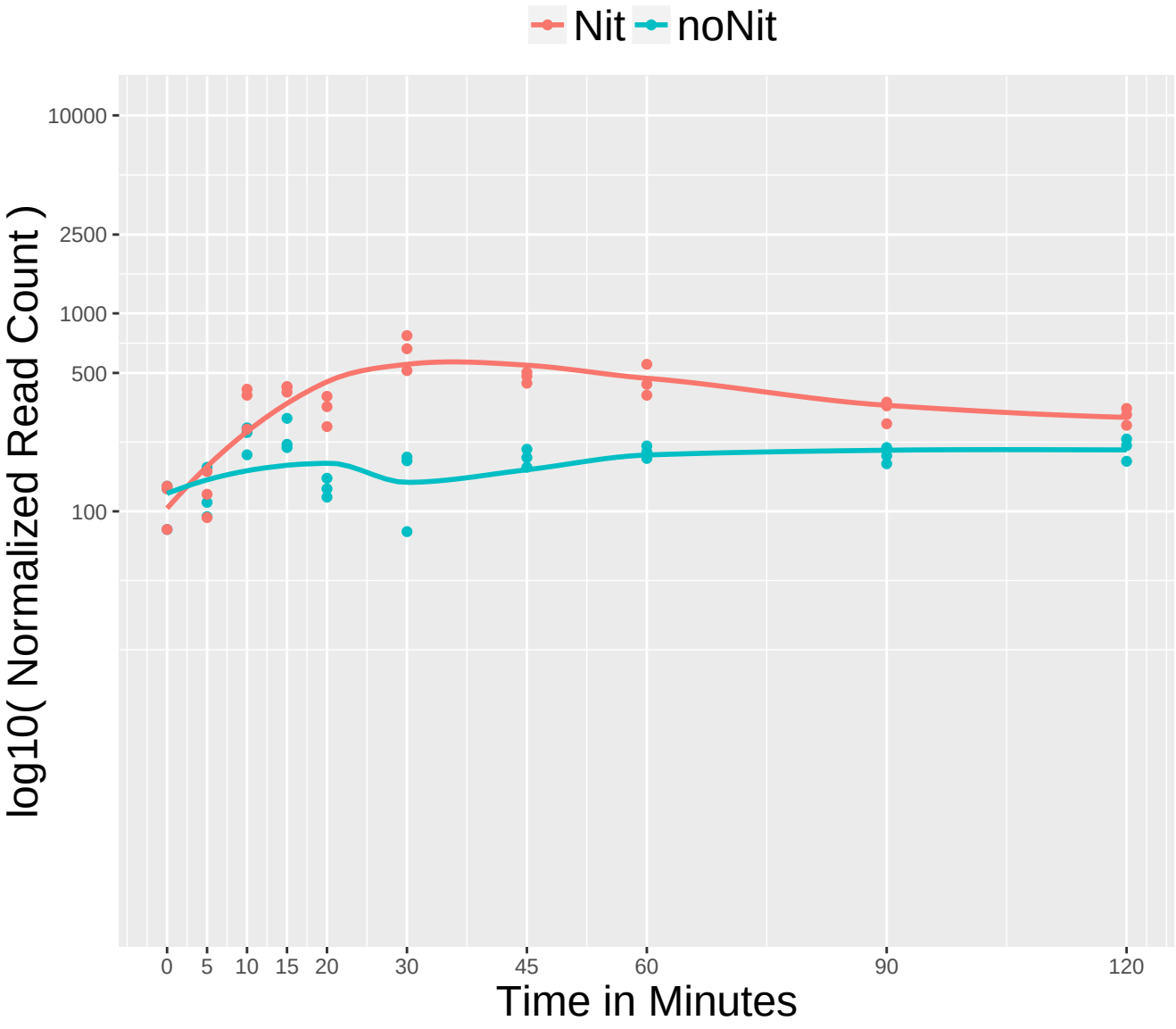
Integrase−type



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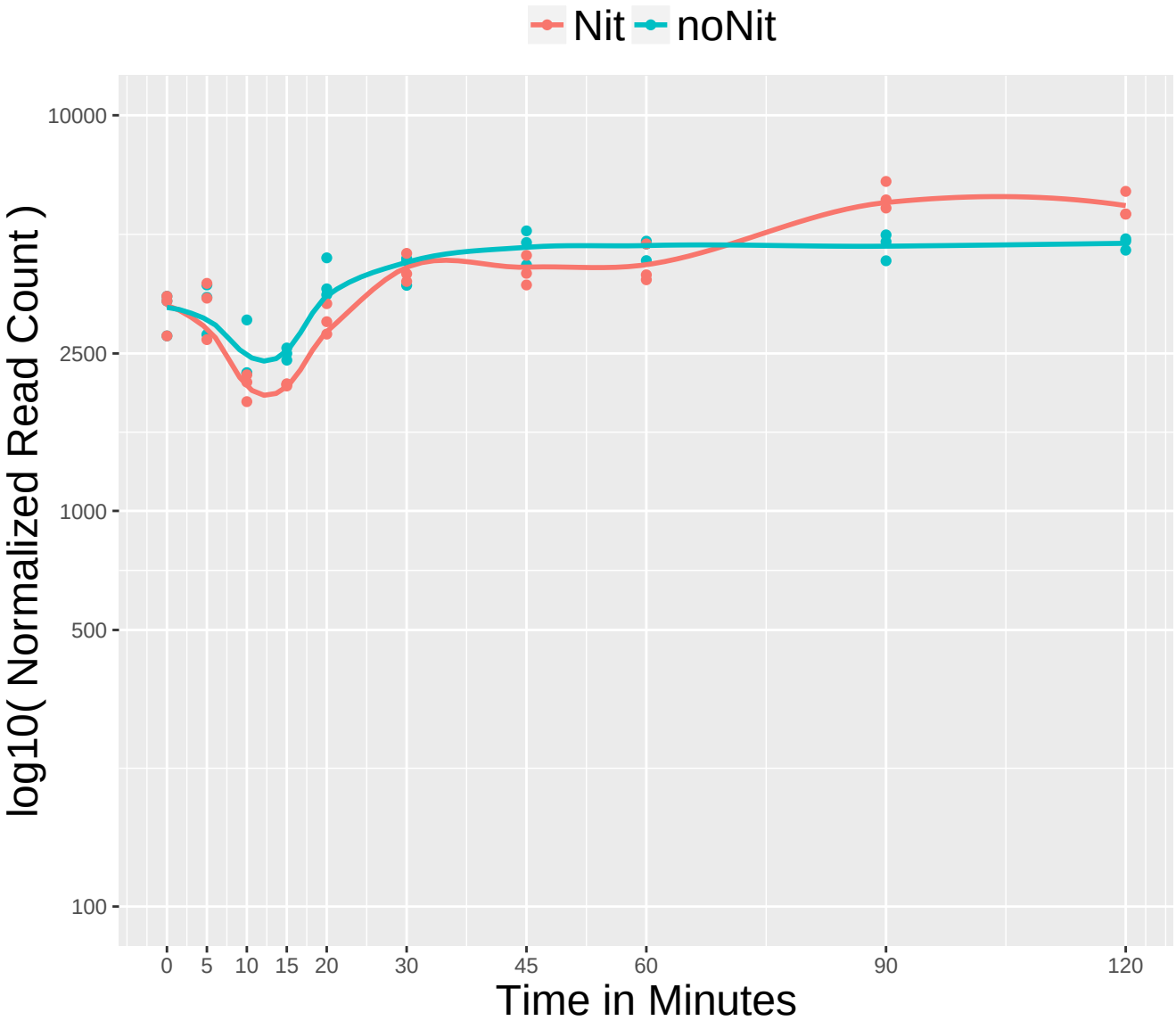
SBP1,selenium−binding



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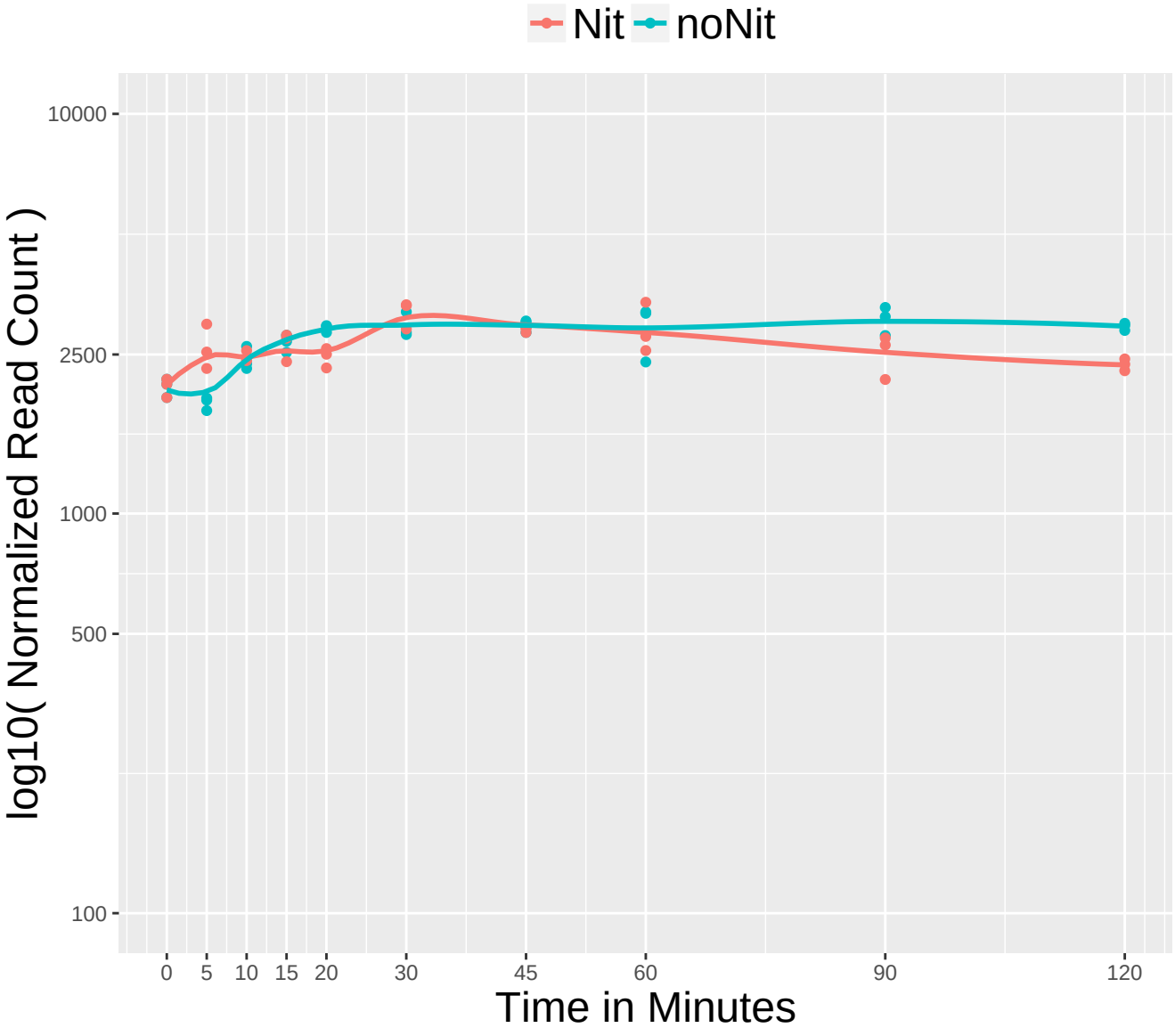
Protein



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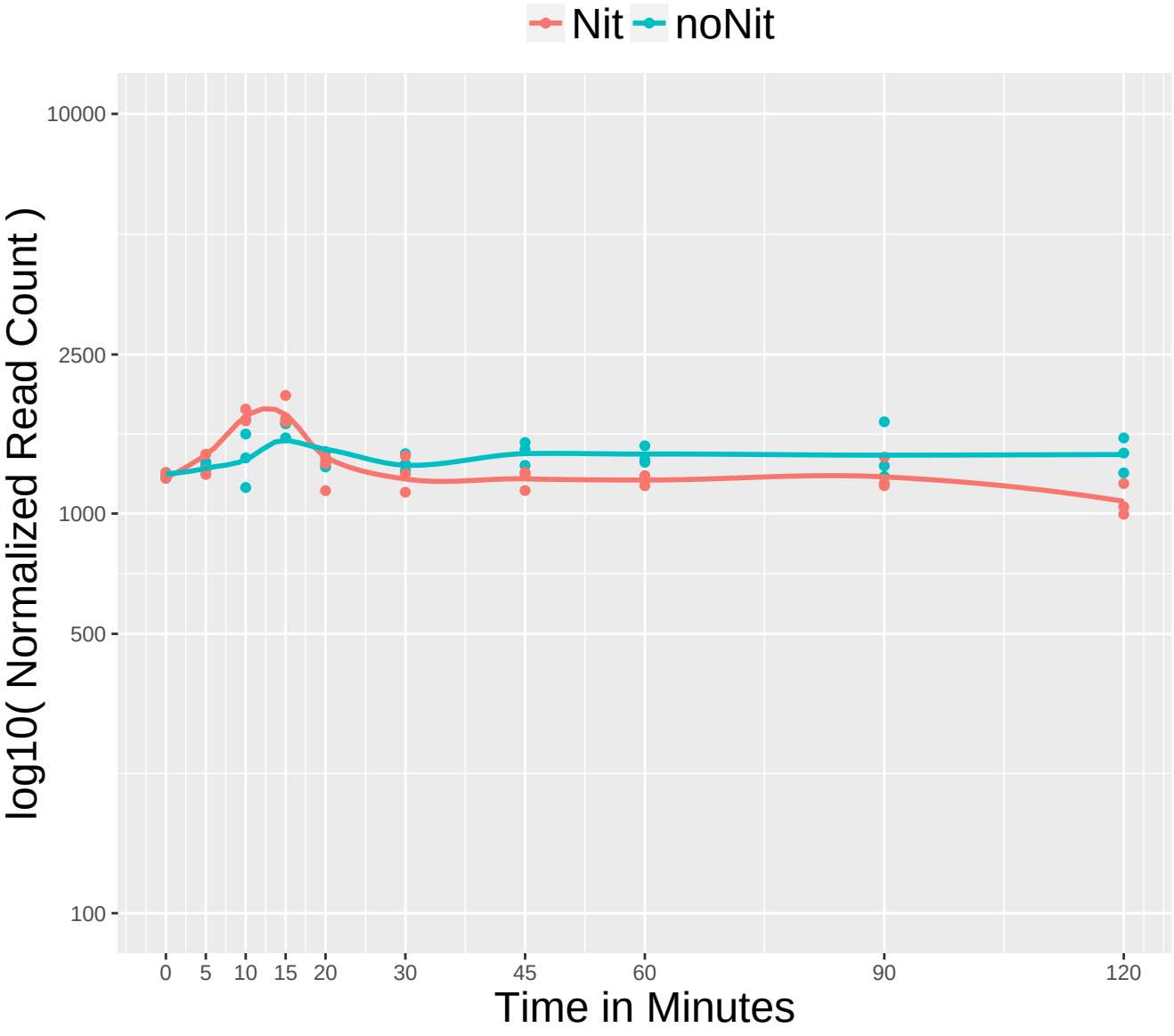
TLD−domain



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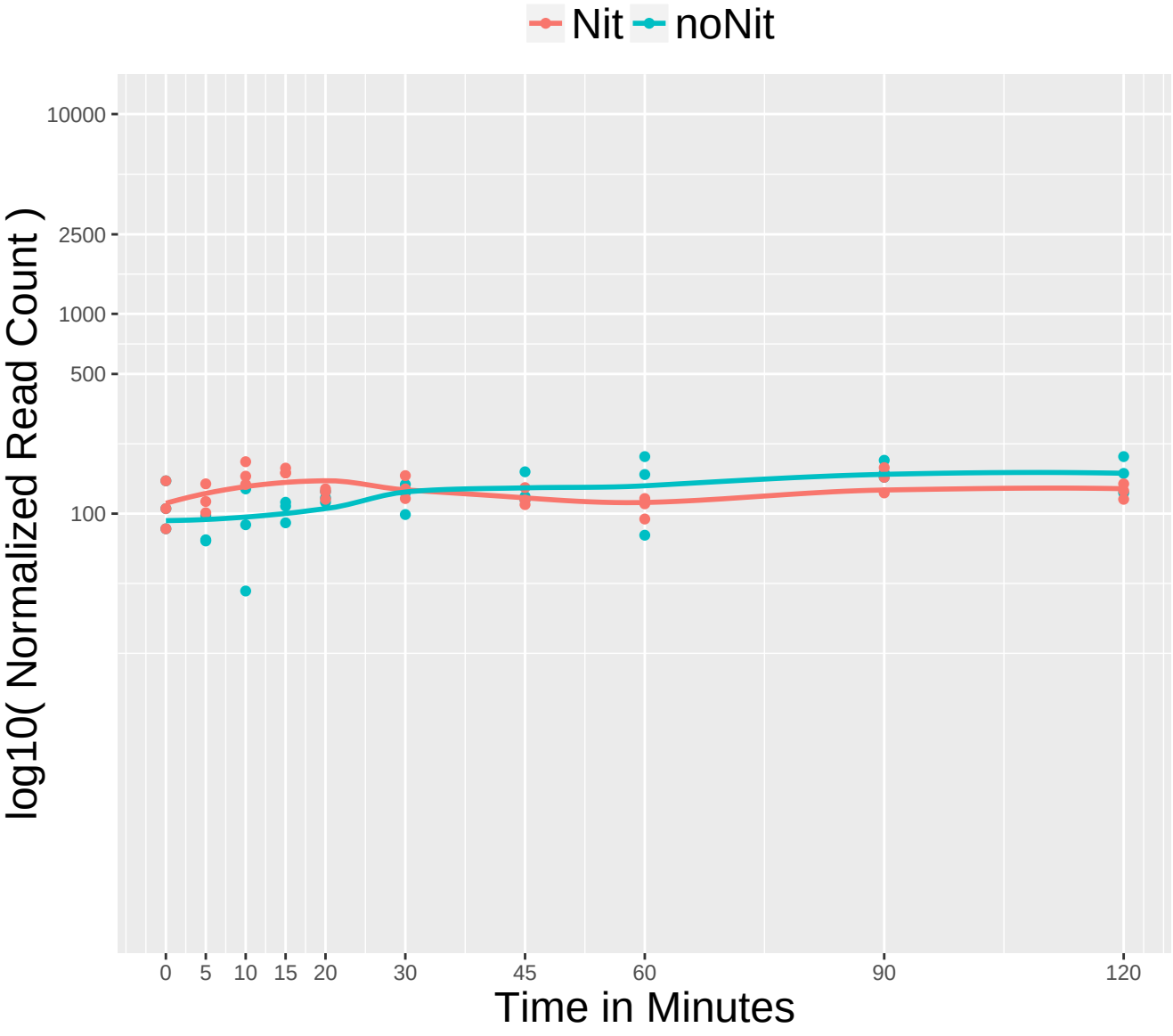
LisH/CRA/RING−U−box



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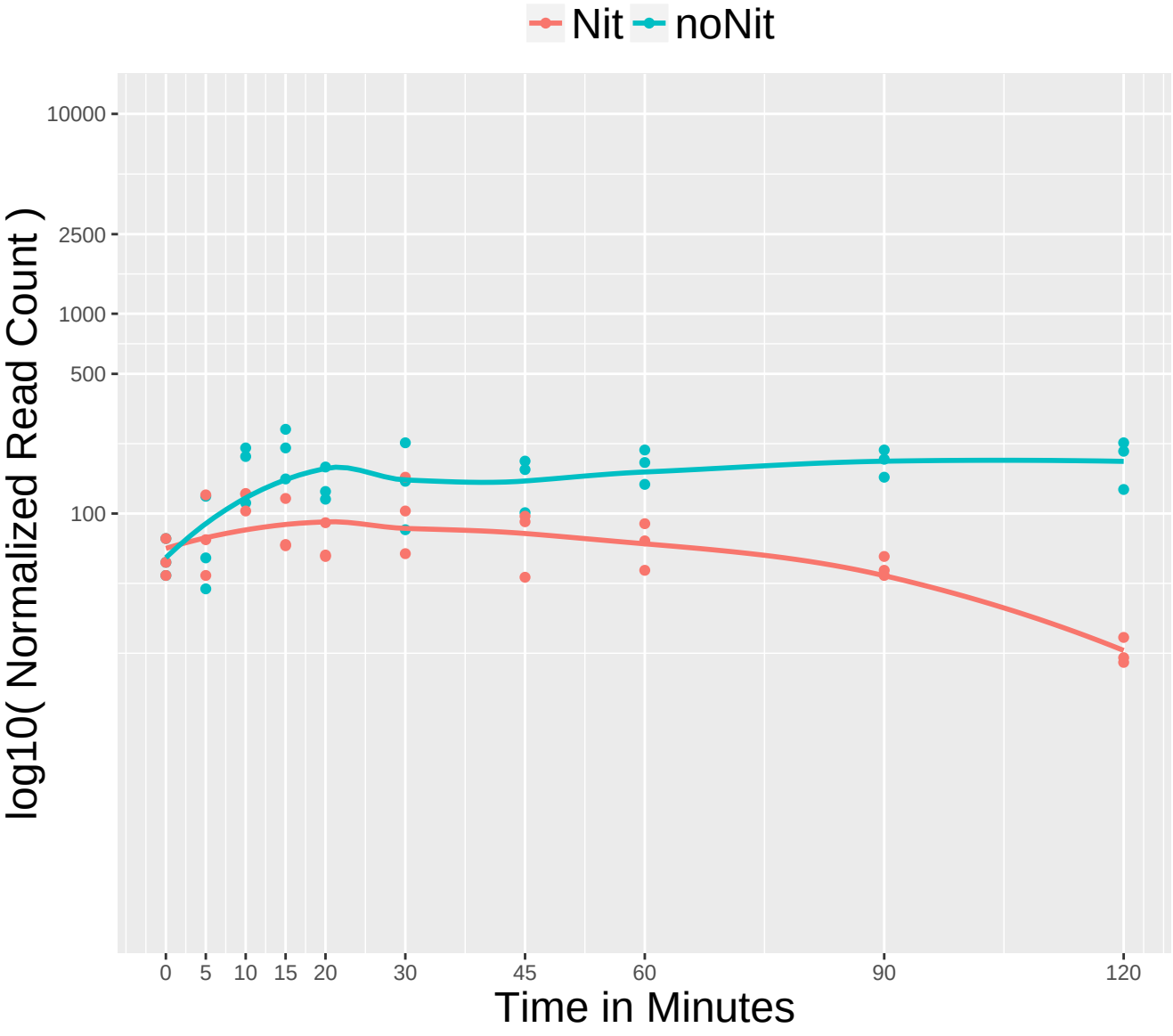
subtilase



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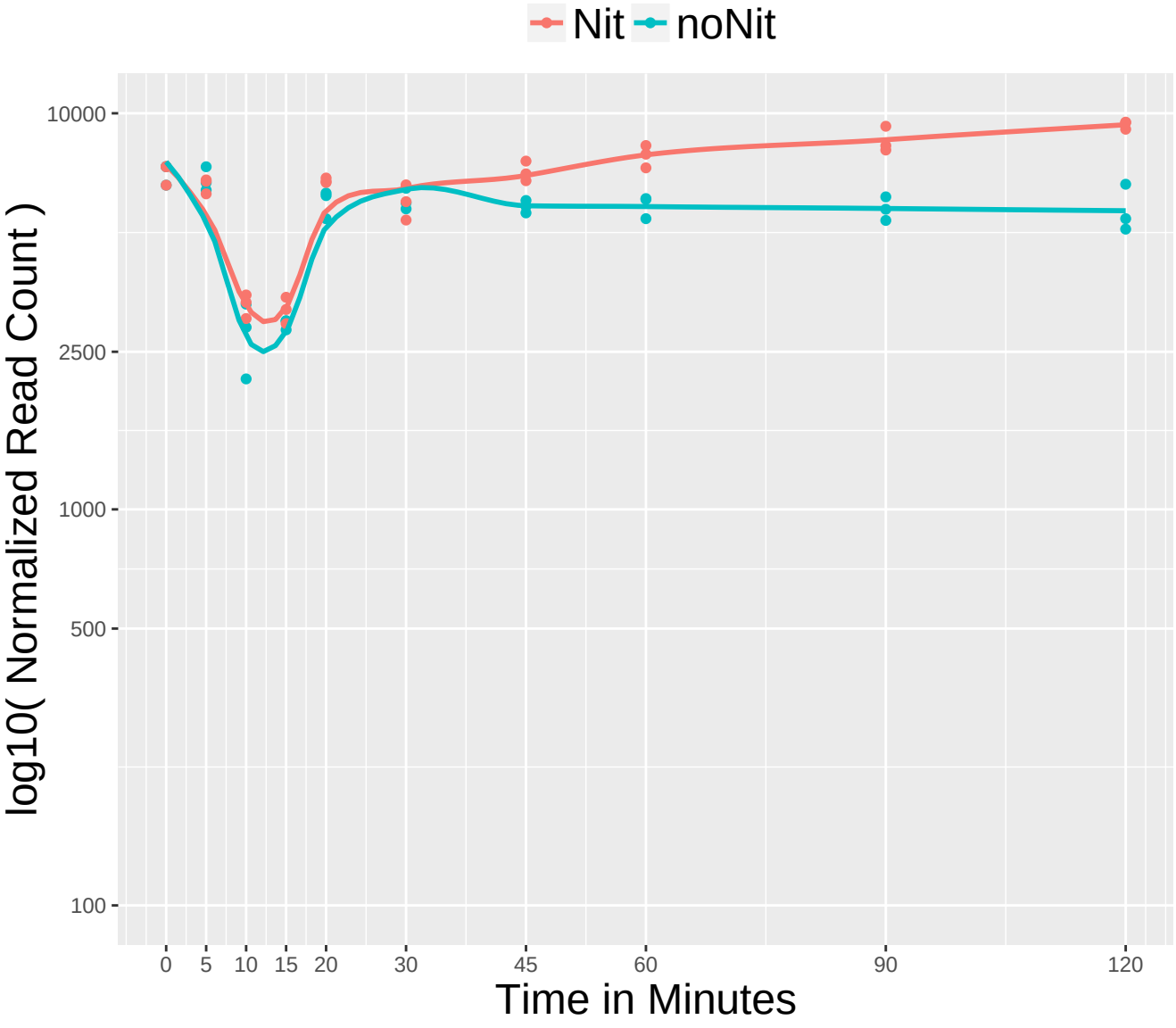
ECT3,evolutionarily



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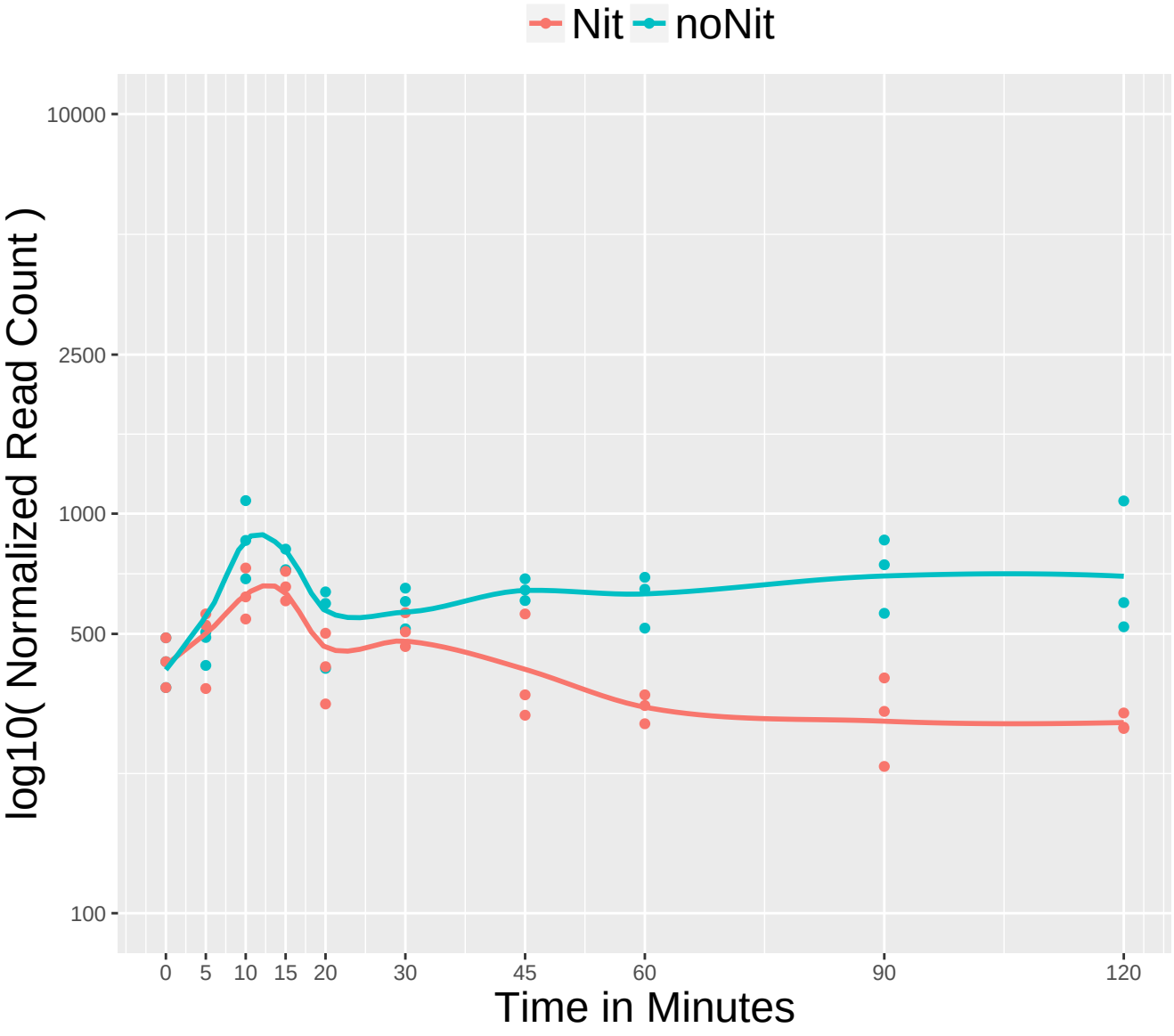
U−box



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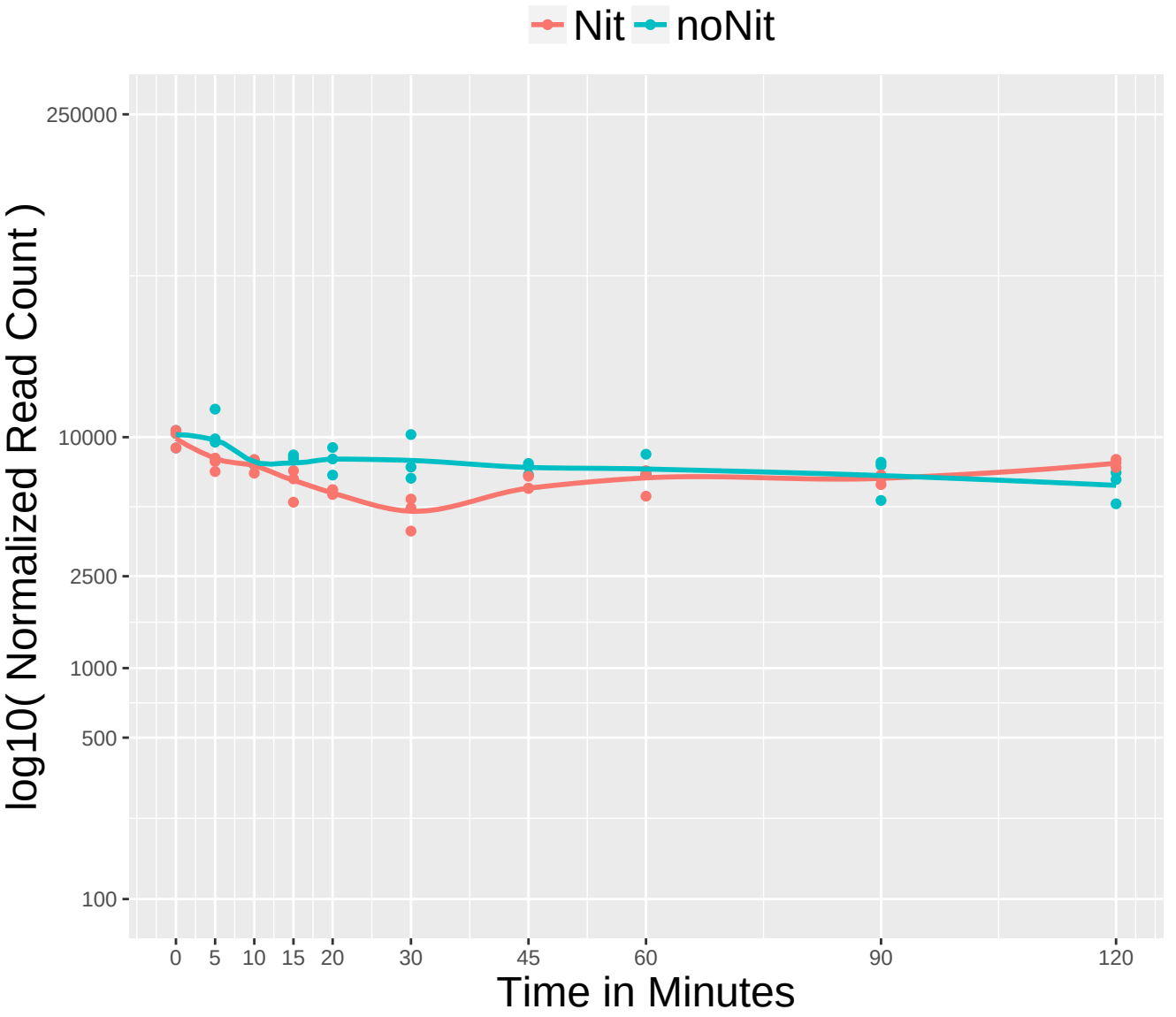
GTE7,global



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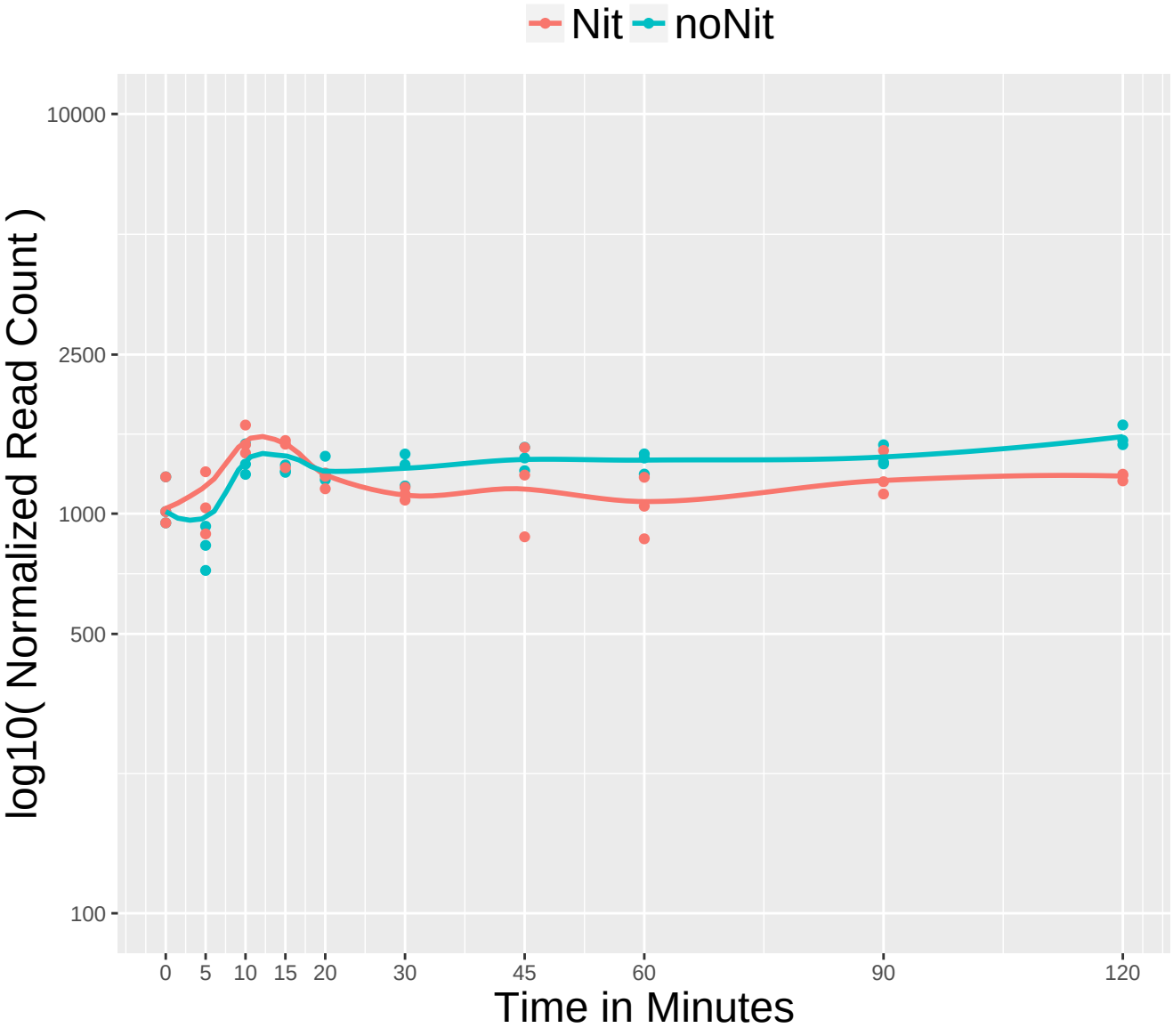
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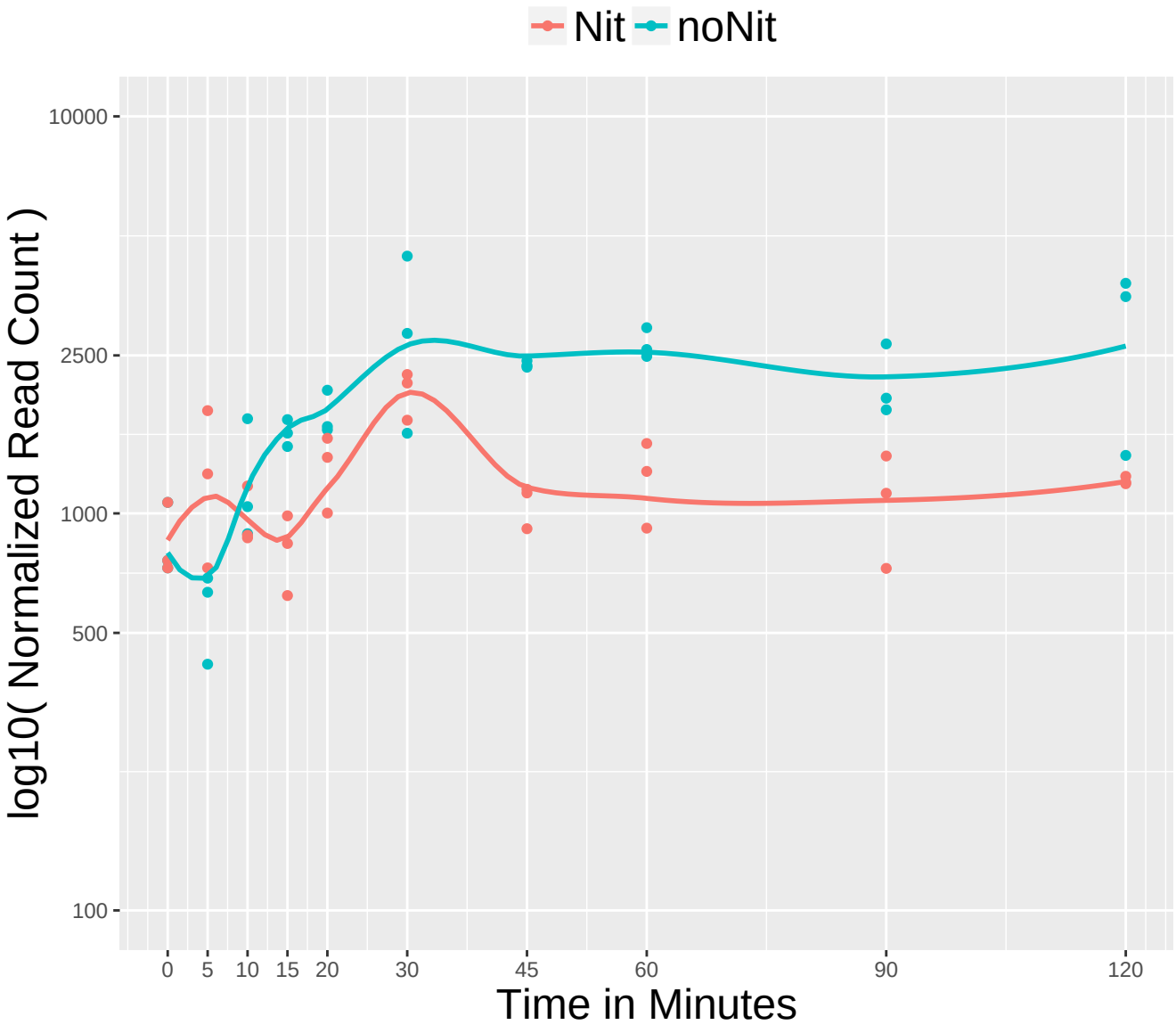
AT1G21100

IGMT1,indole



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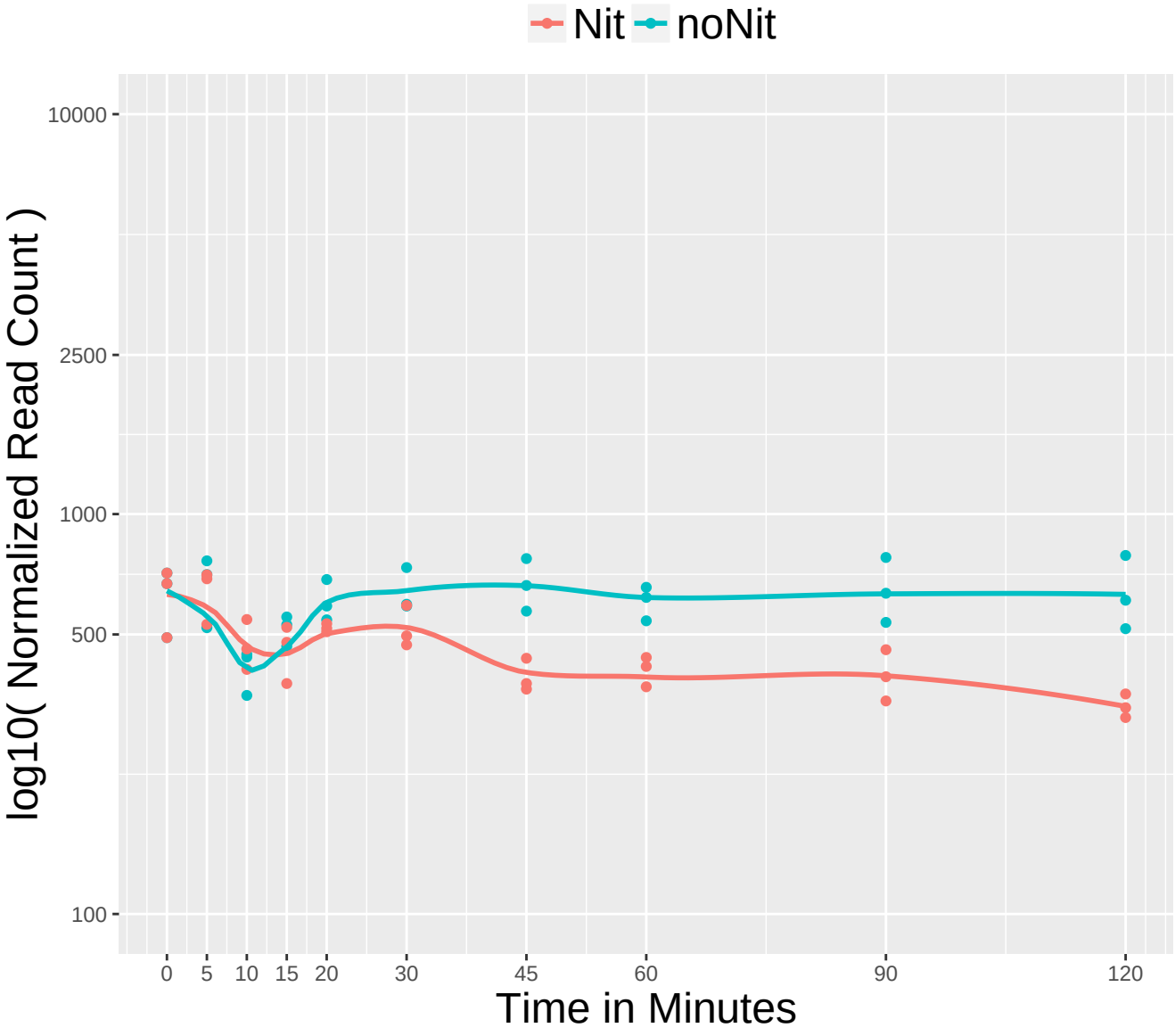
S−locus



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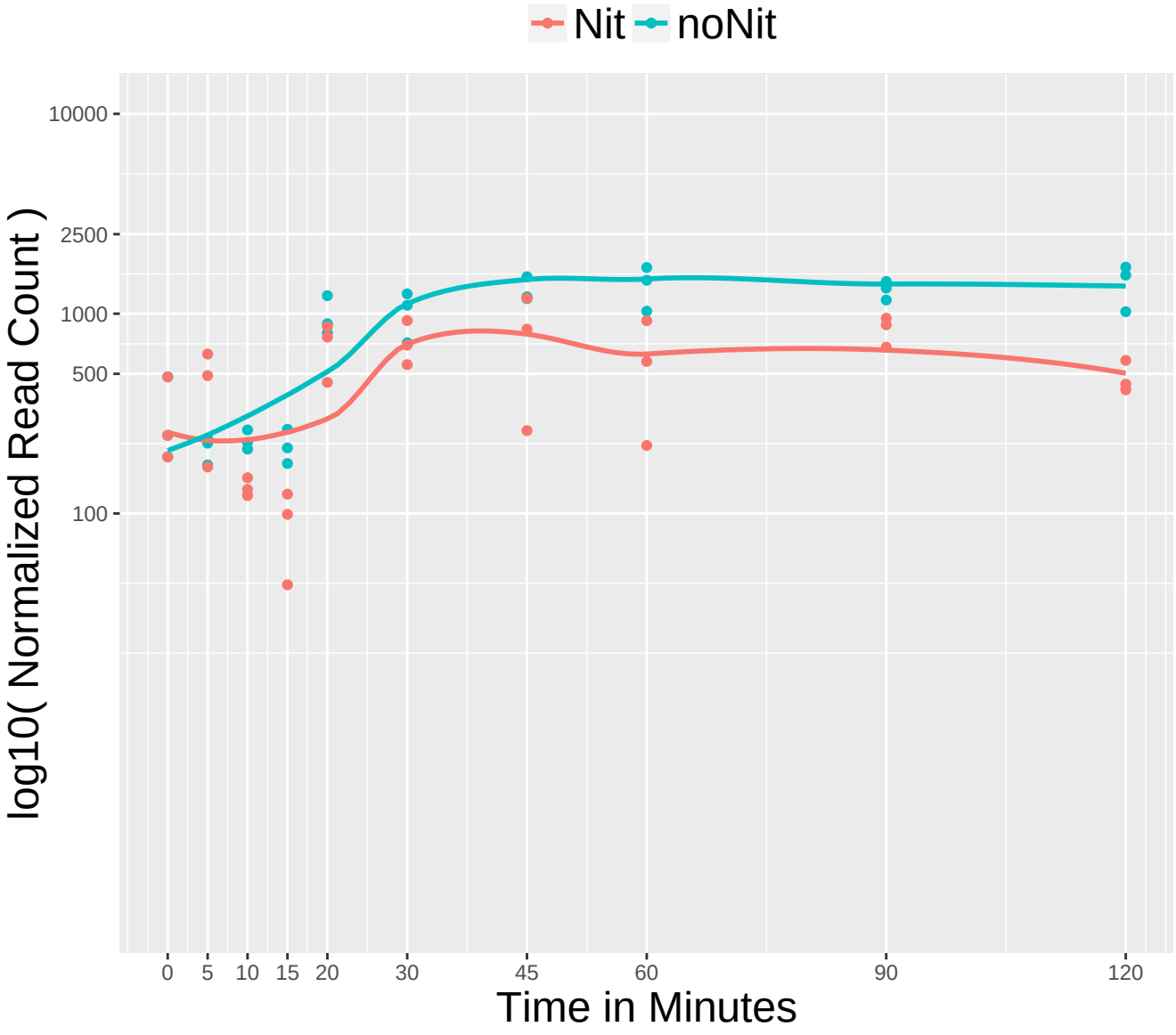
ATPase



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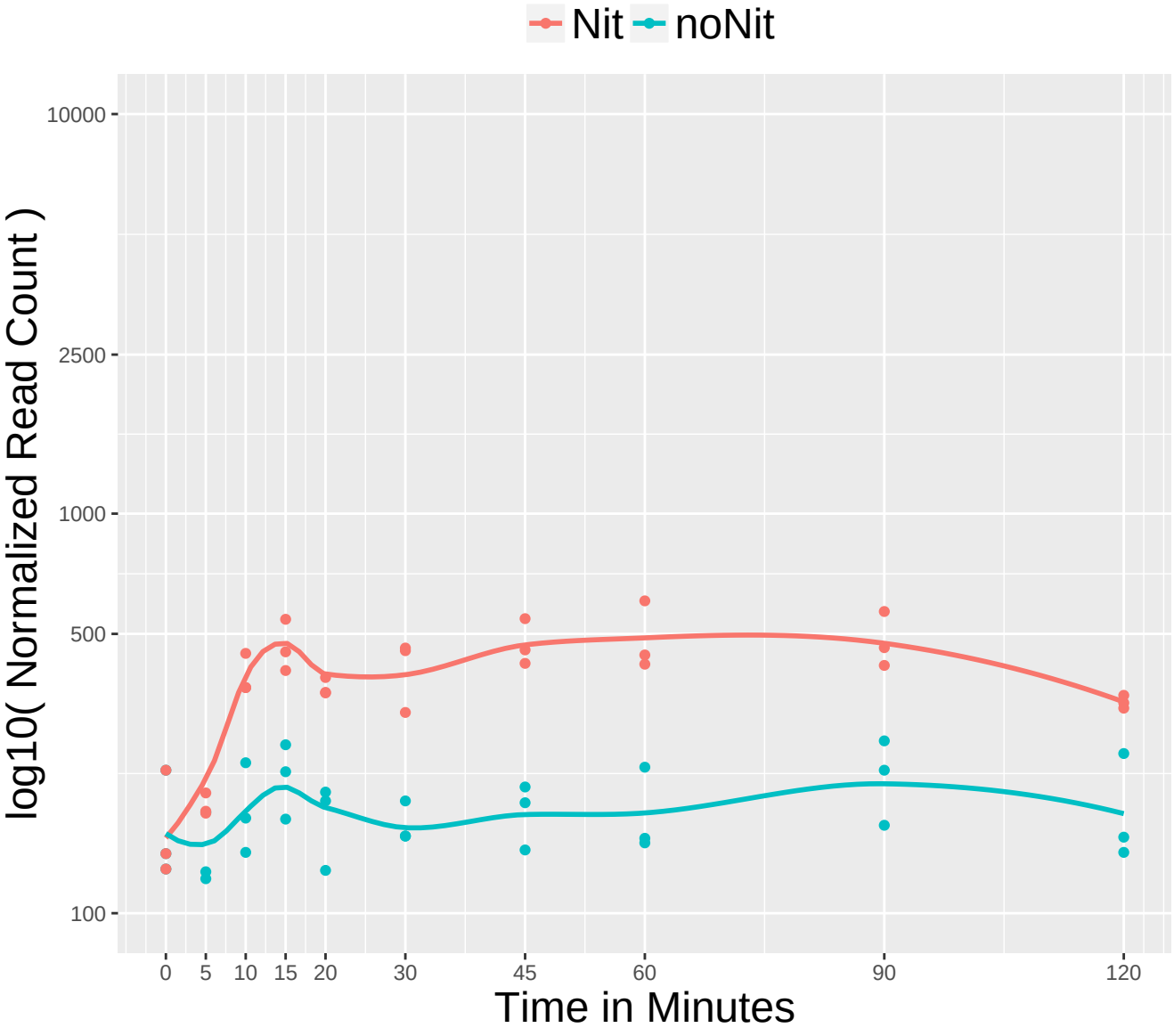
RING/U−box



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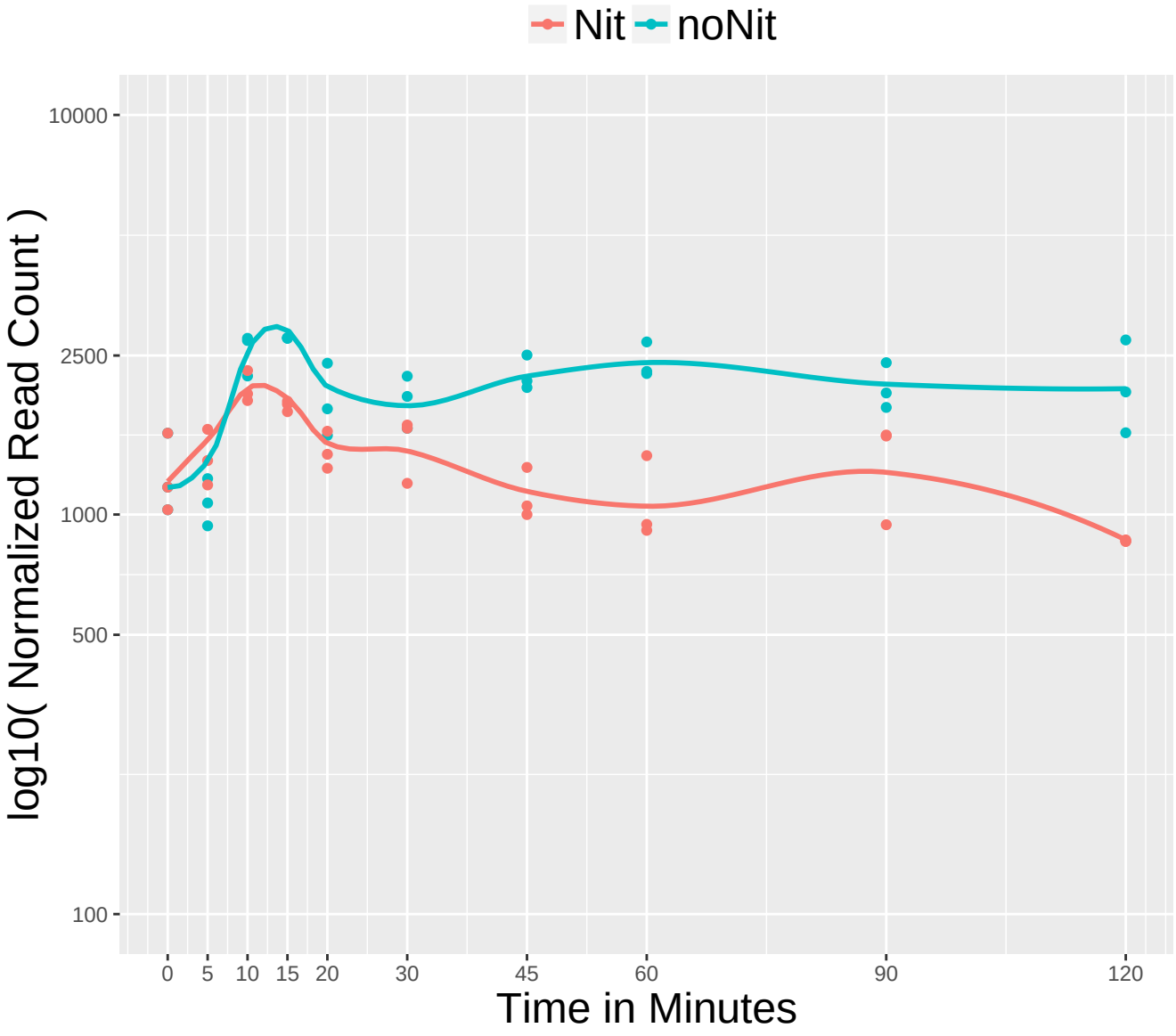

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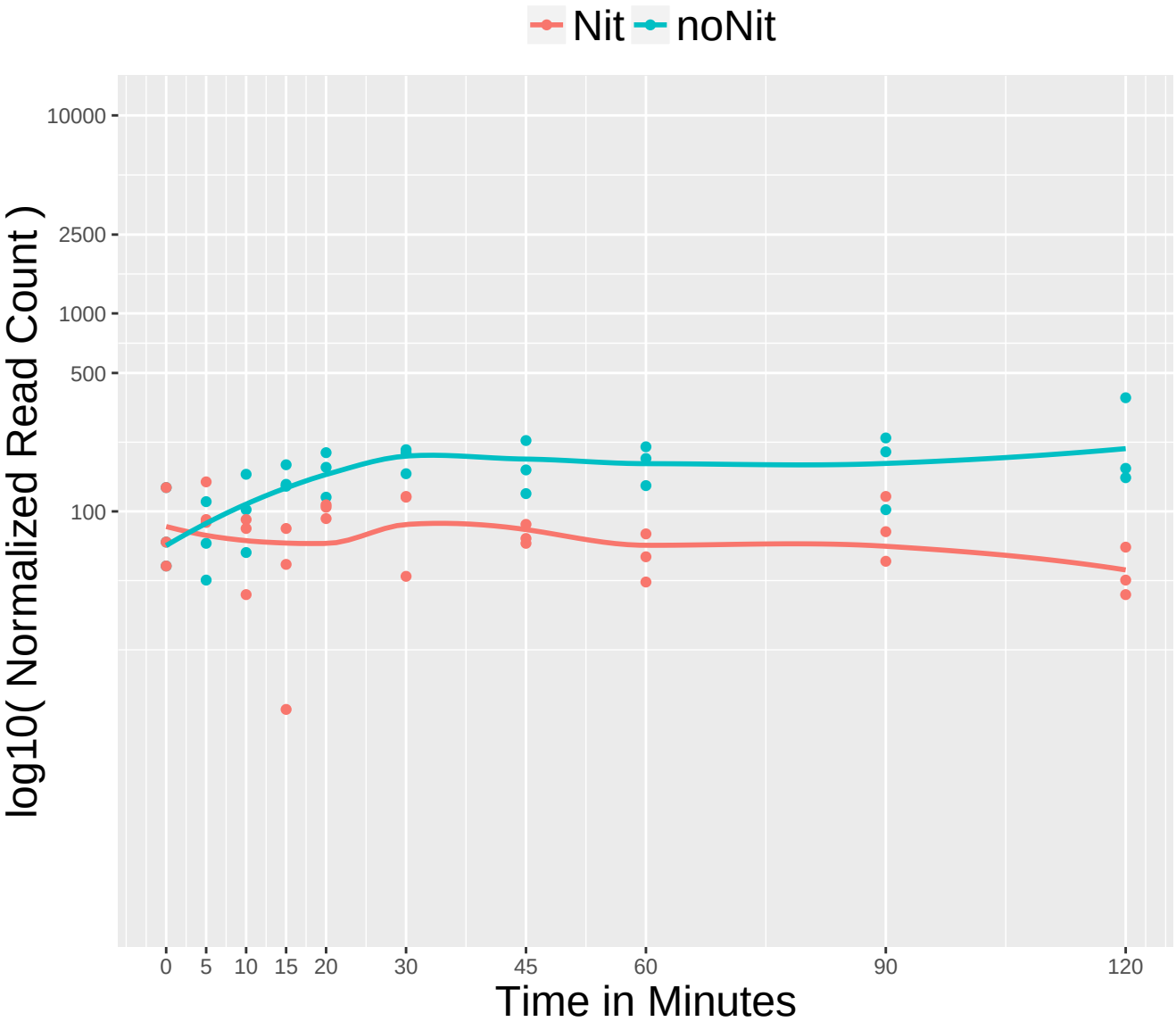
ATGLR2.8,glutamate



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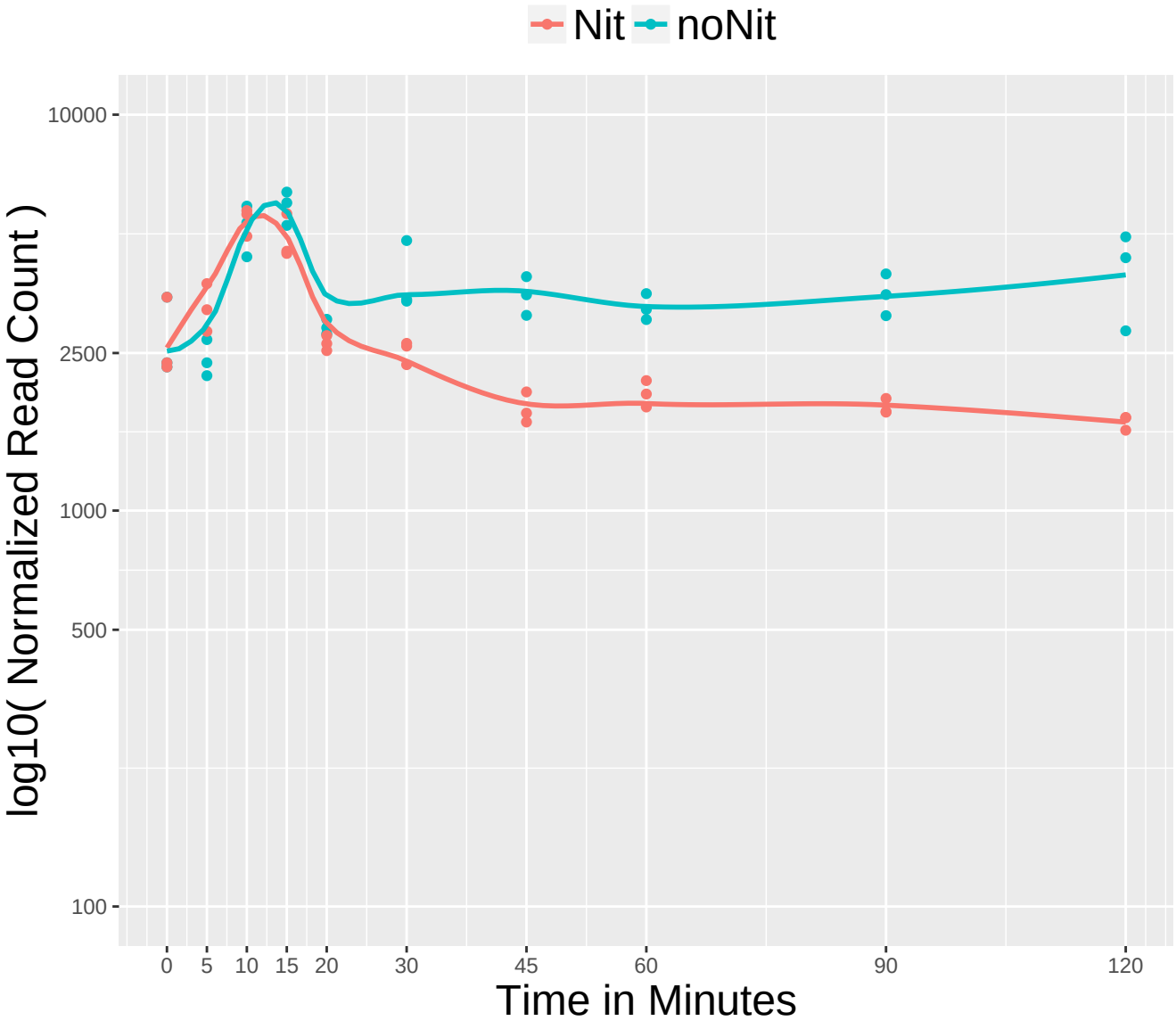

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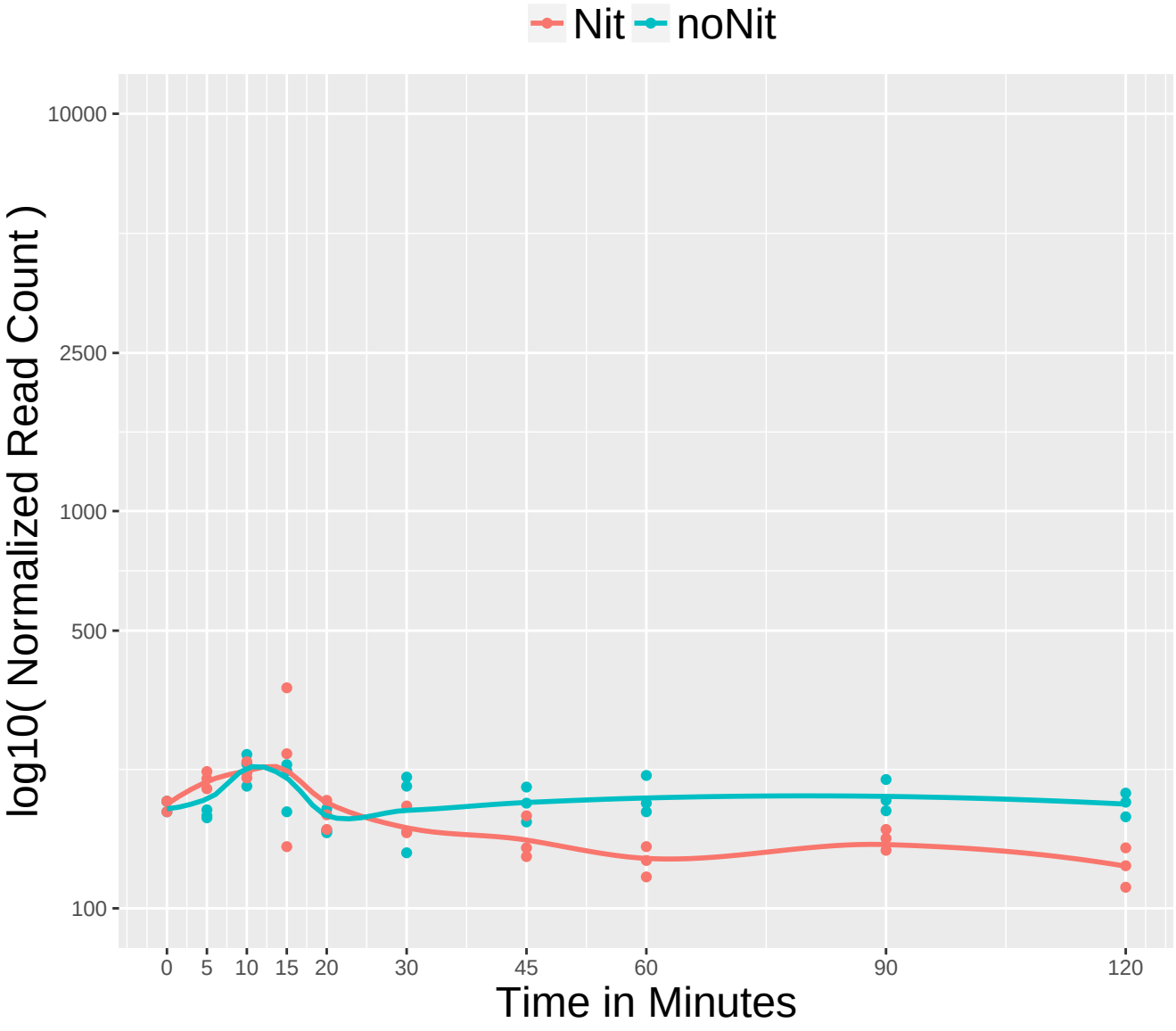

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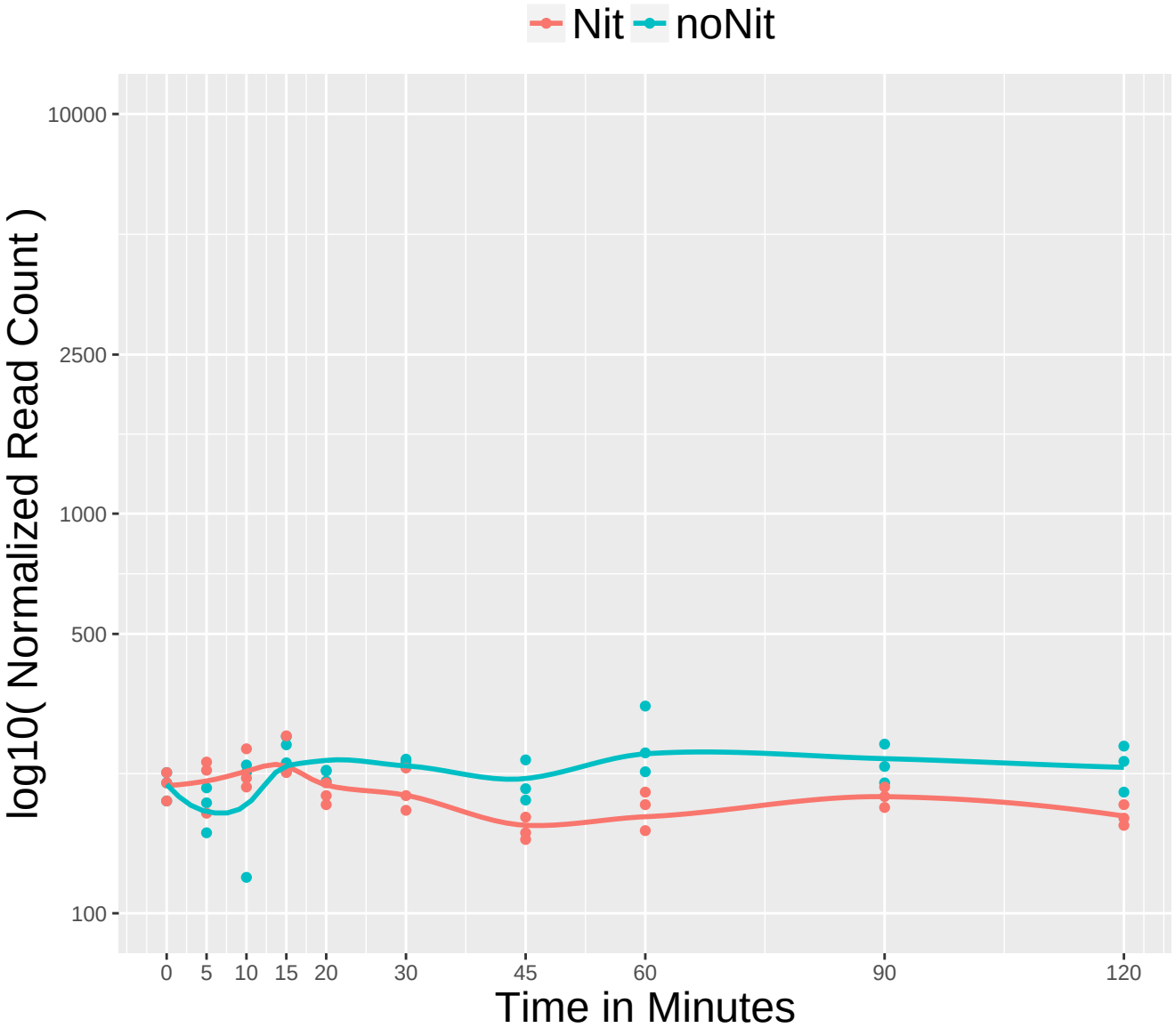

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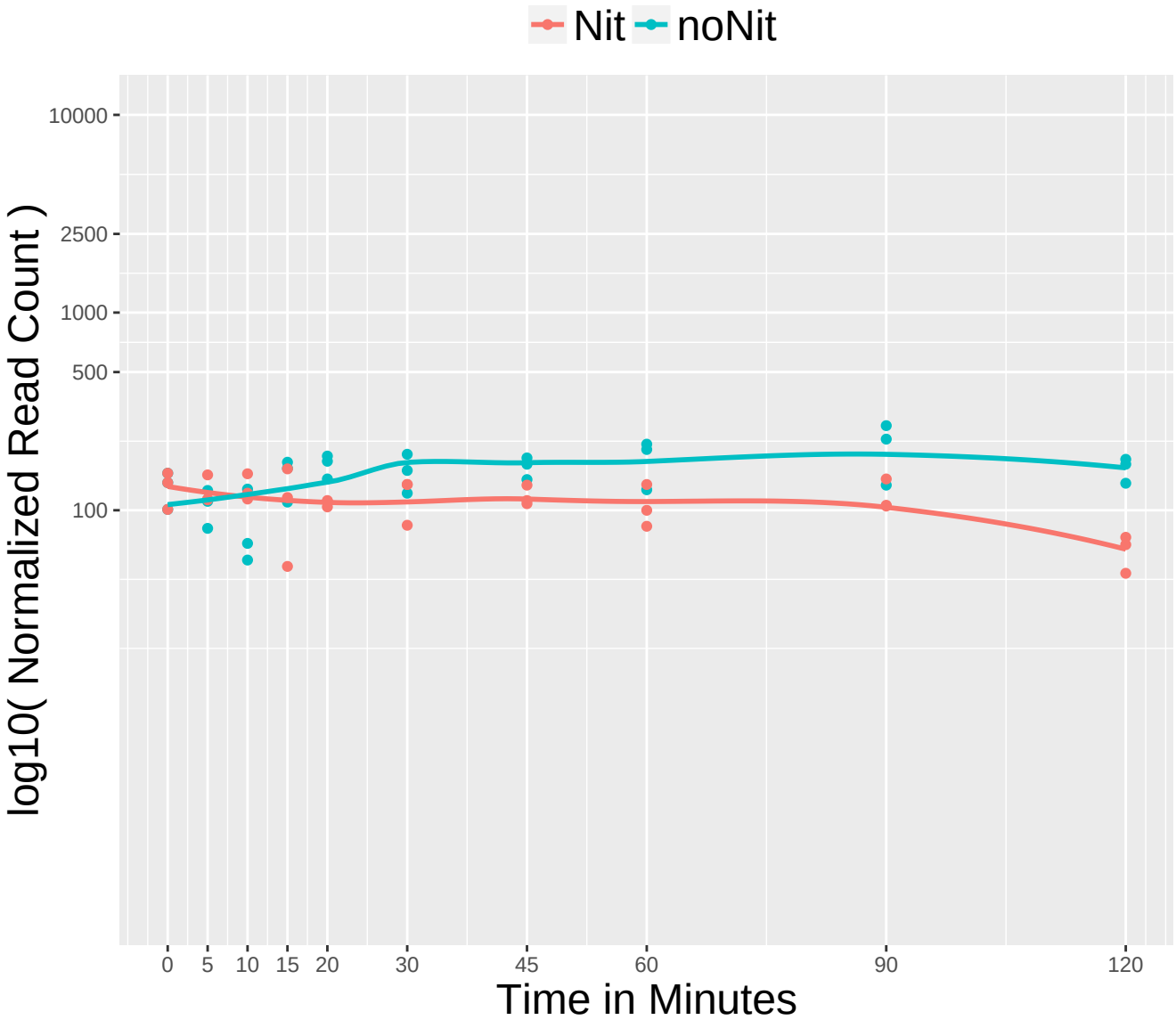

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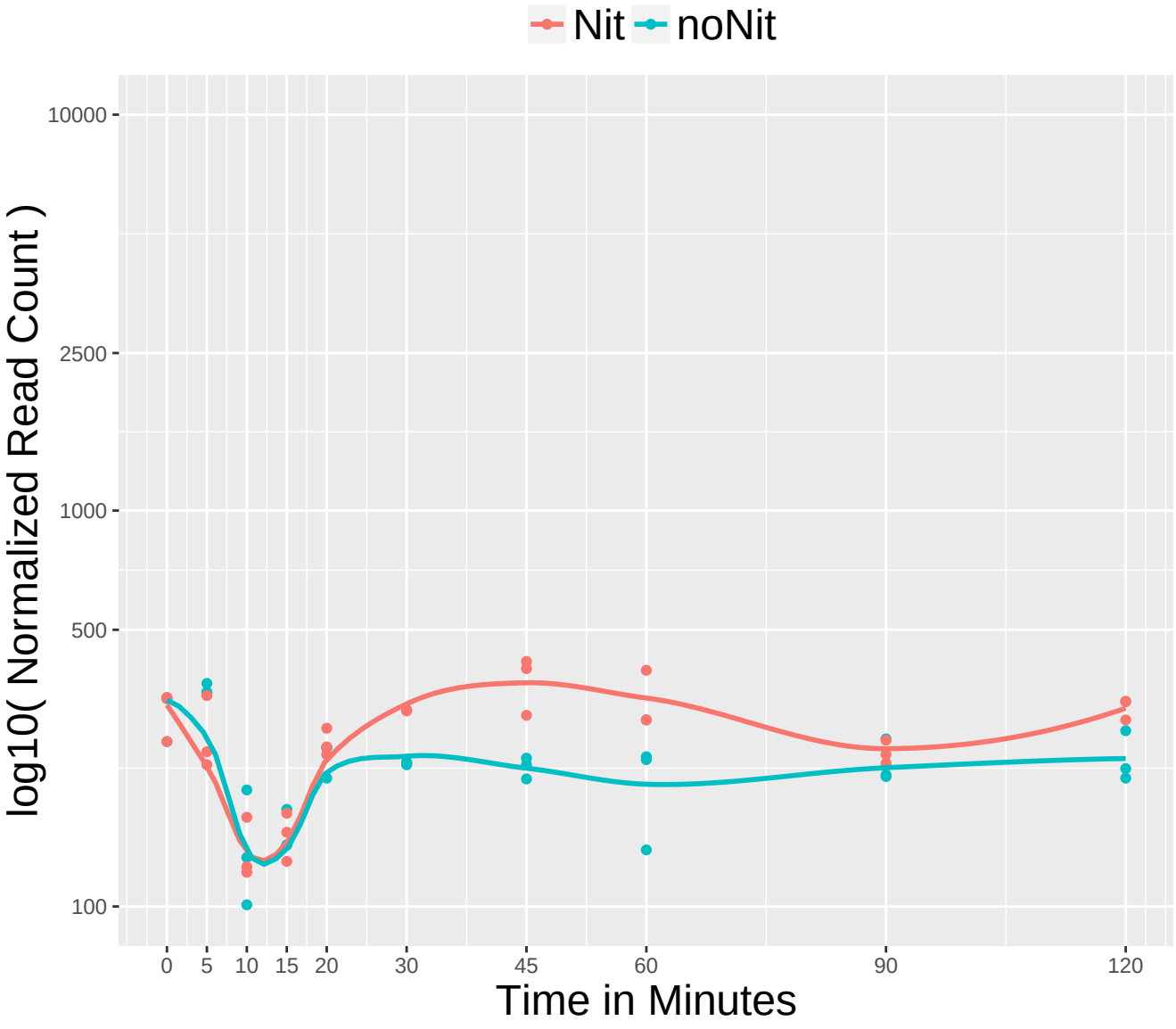
ARAC8,Arabidopsis



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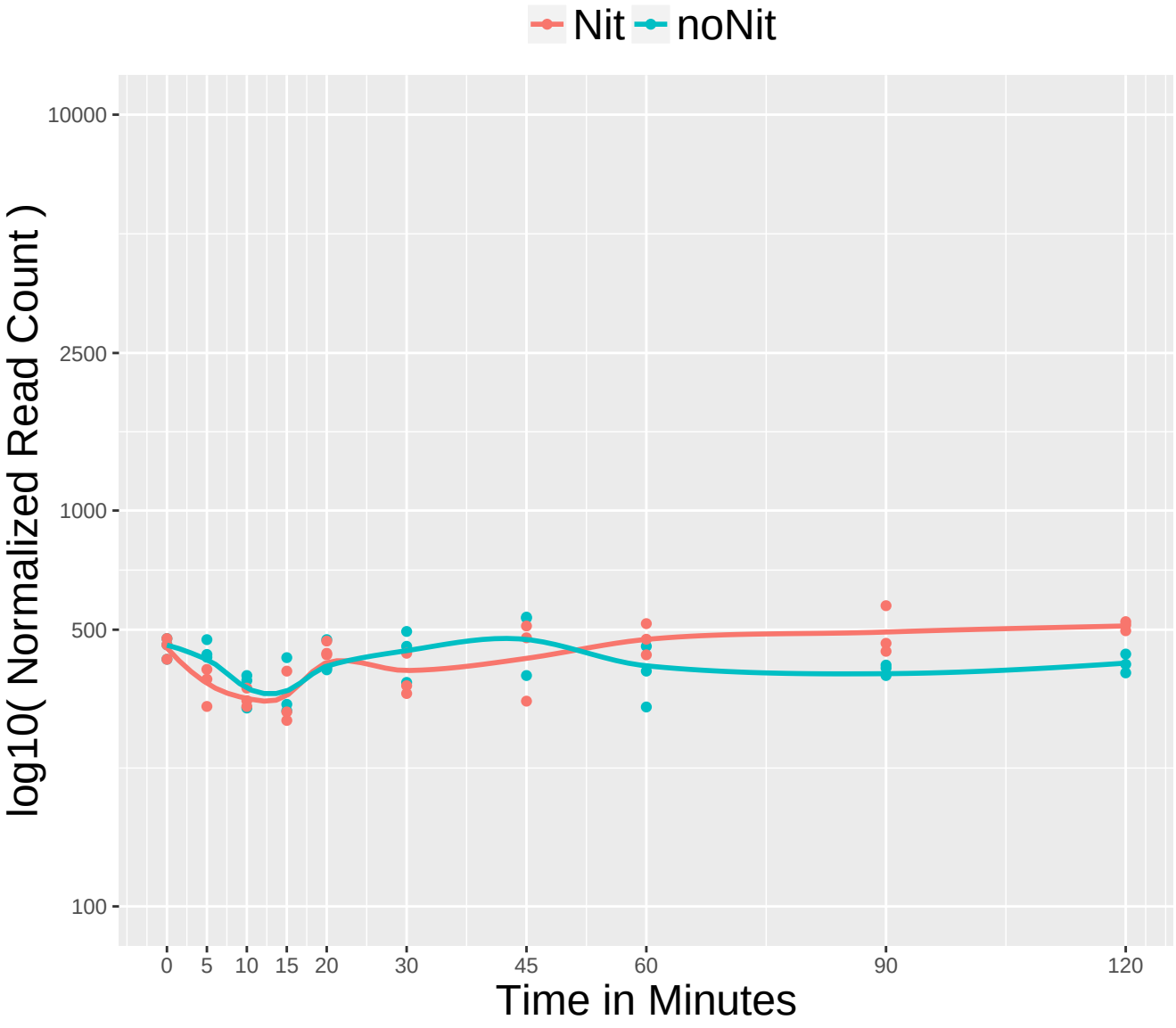

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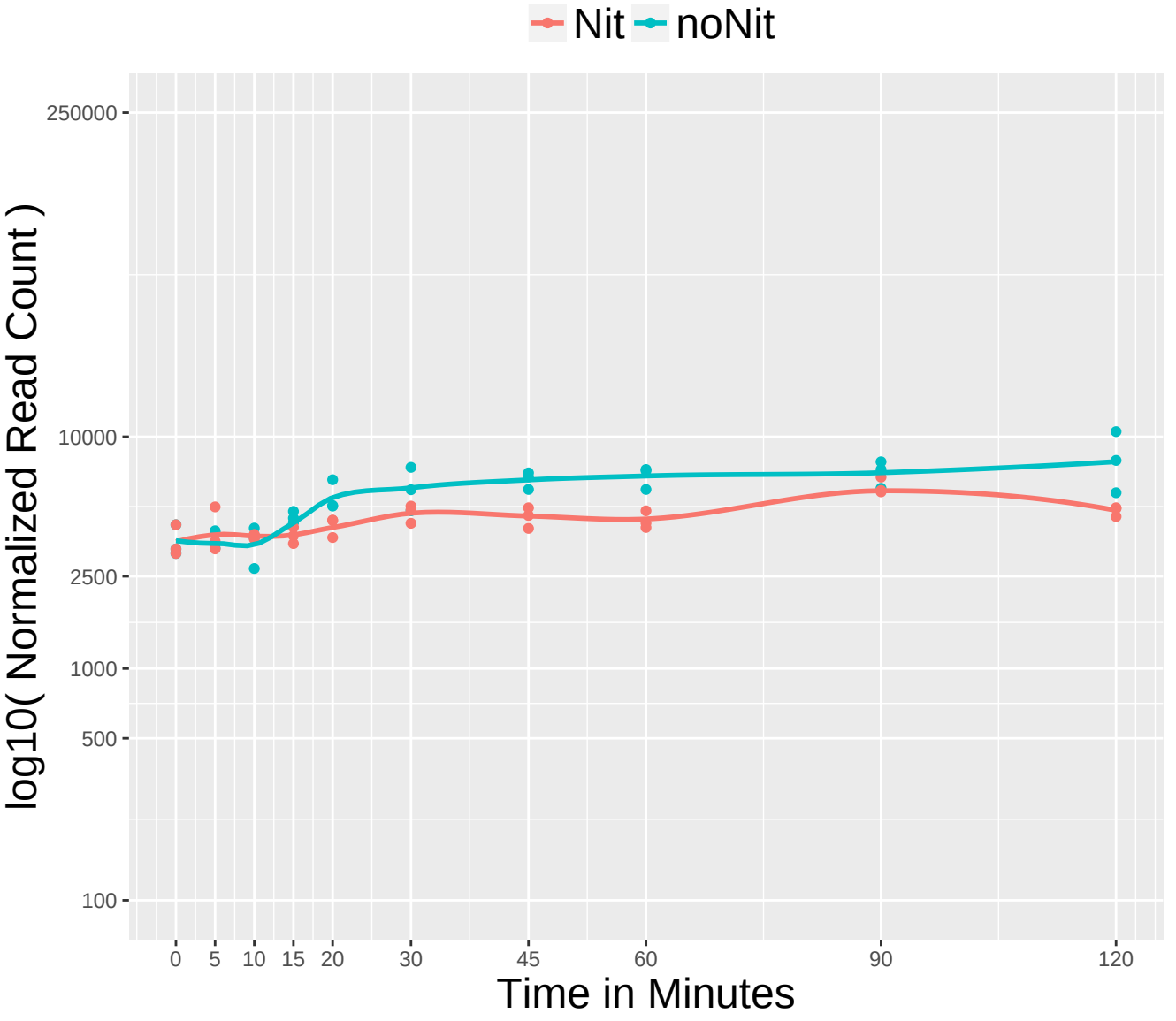
MEE54,maternal



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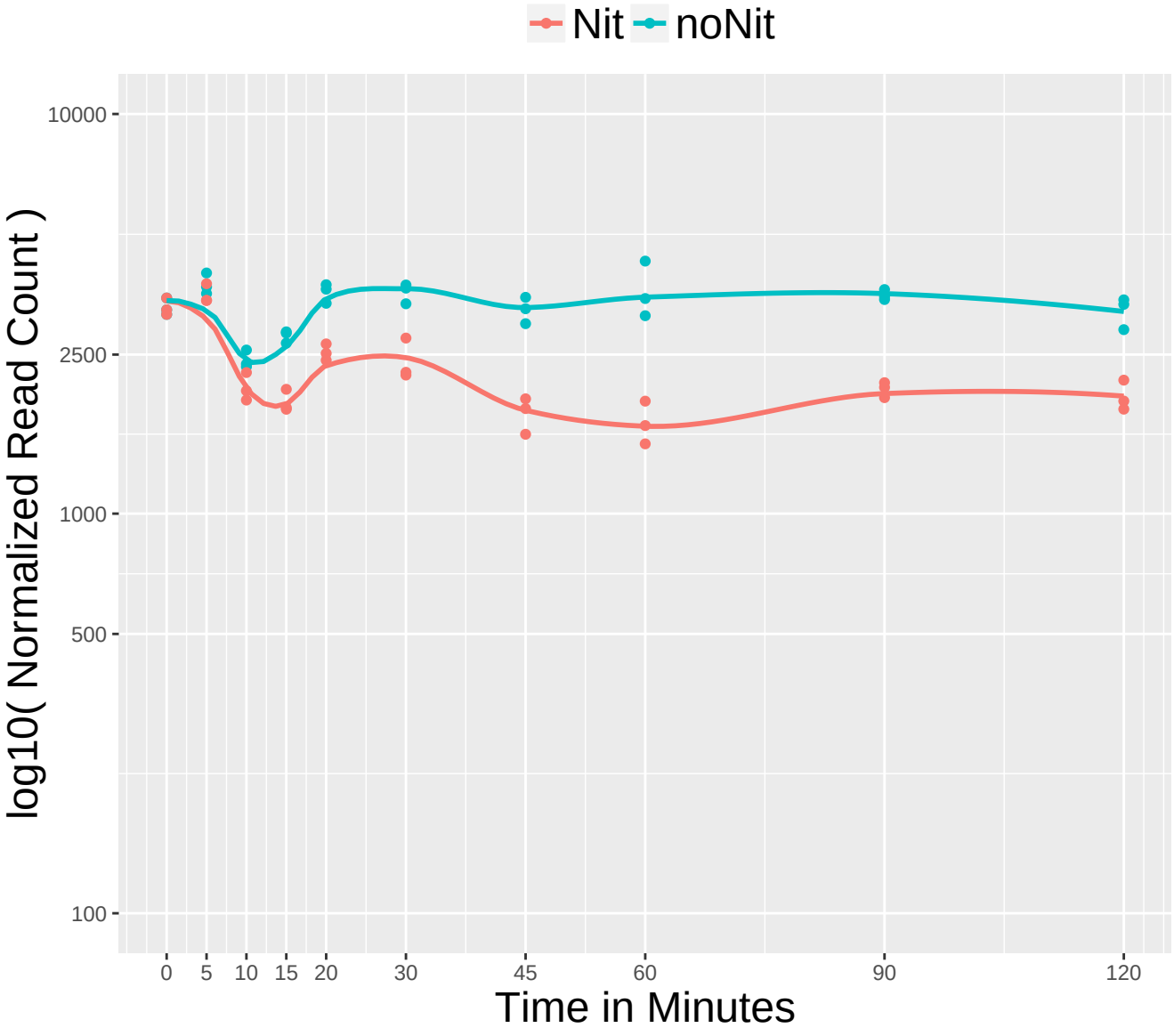

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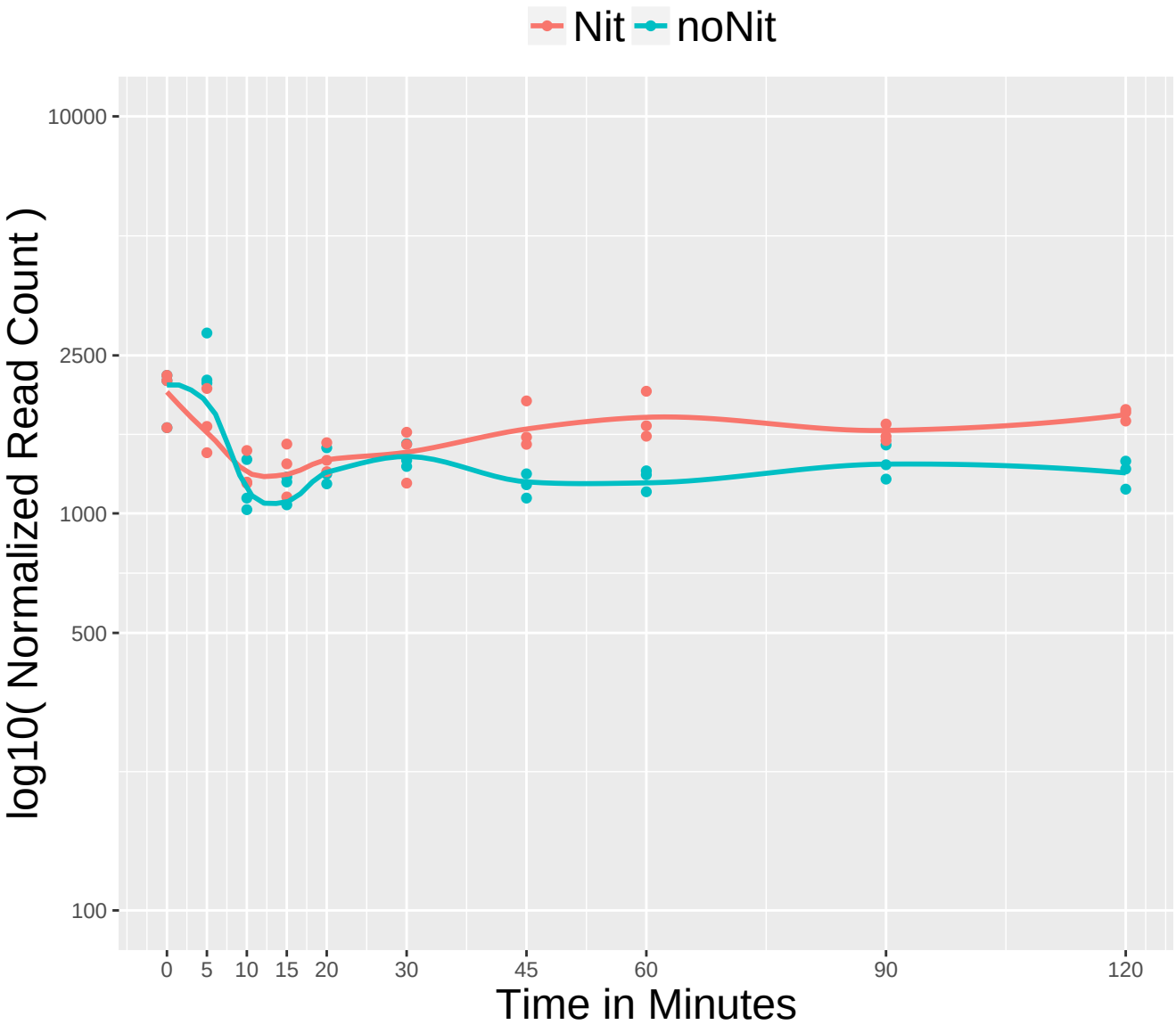
ATTOC34,ARABIDOPSIS



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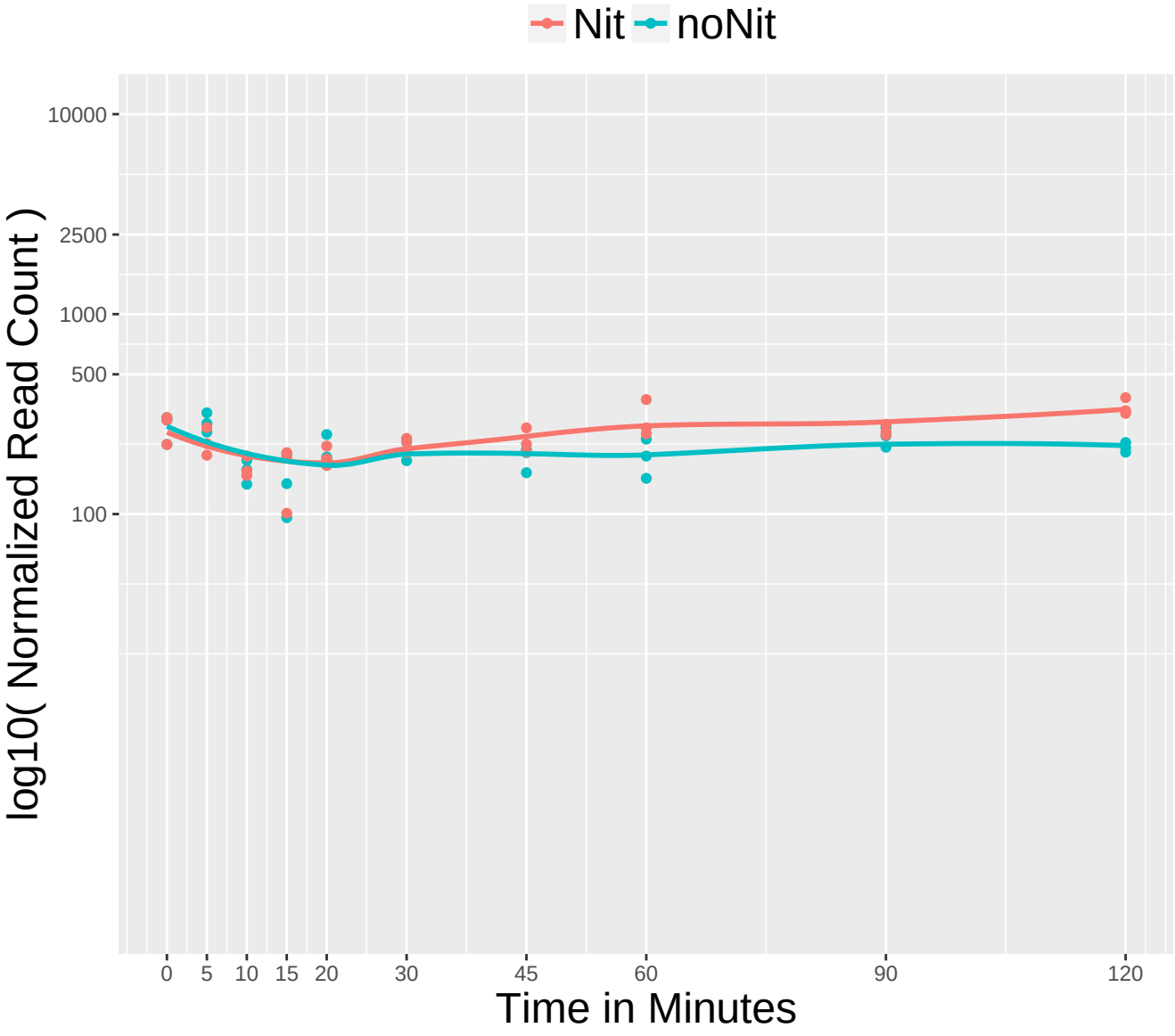

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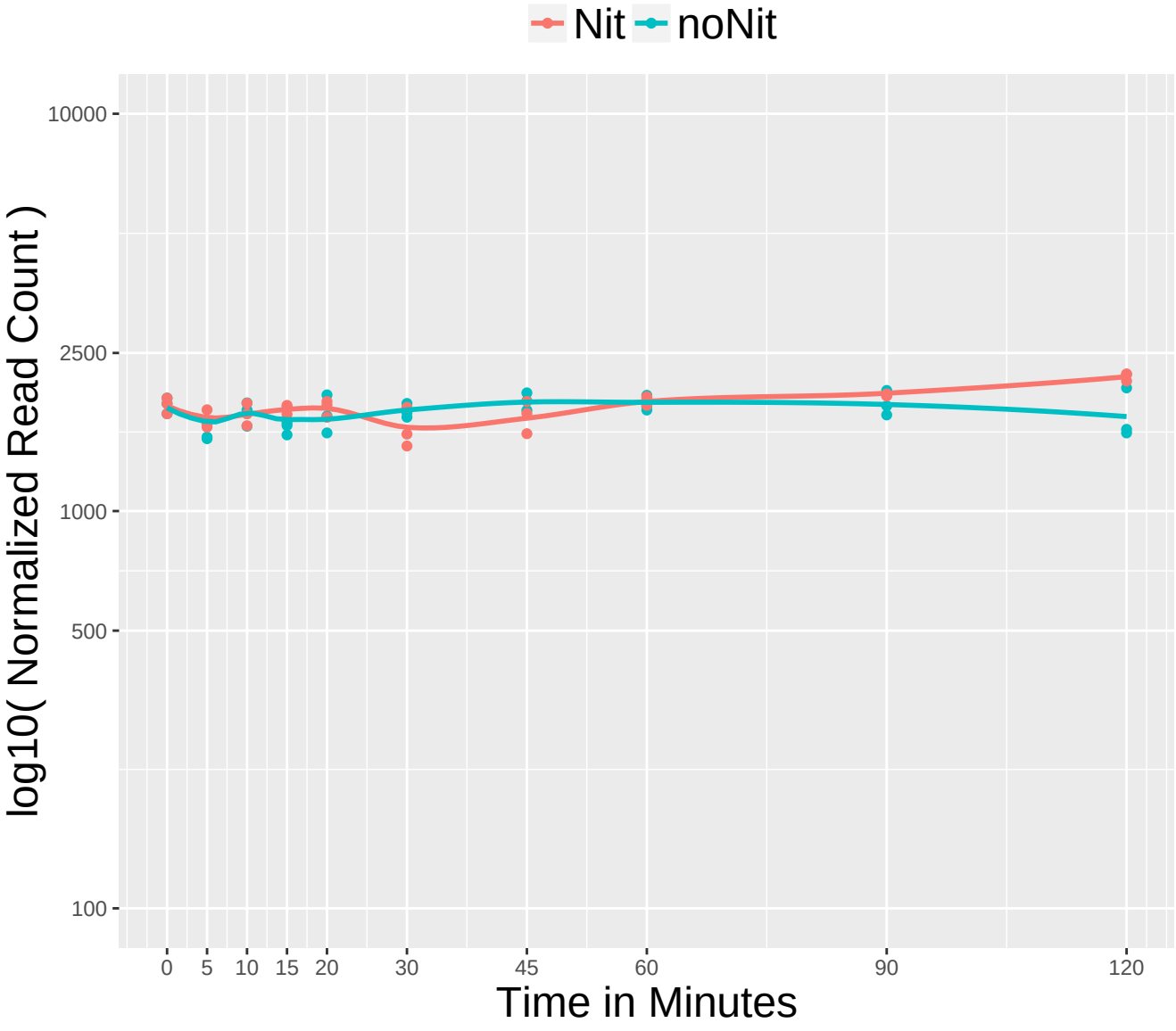
ATMSL10,,MSL10,mechanosensitive



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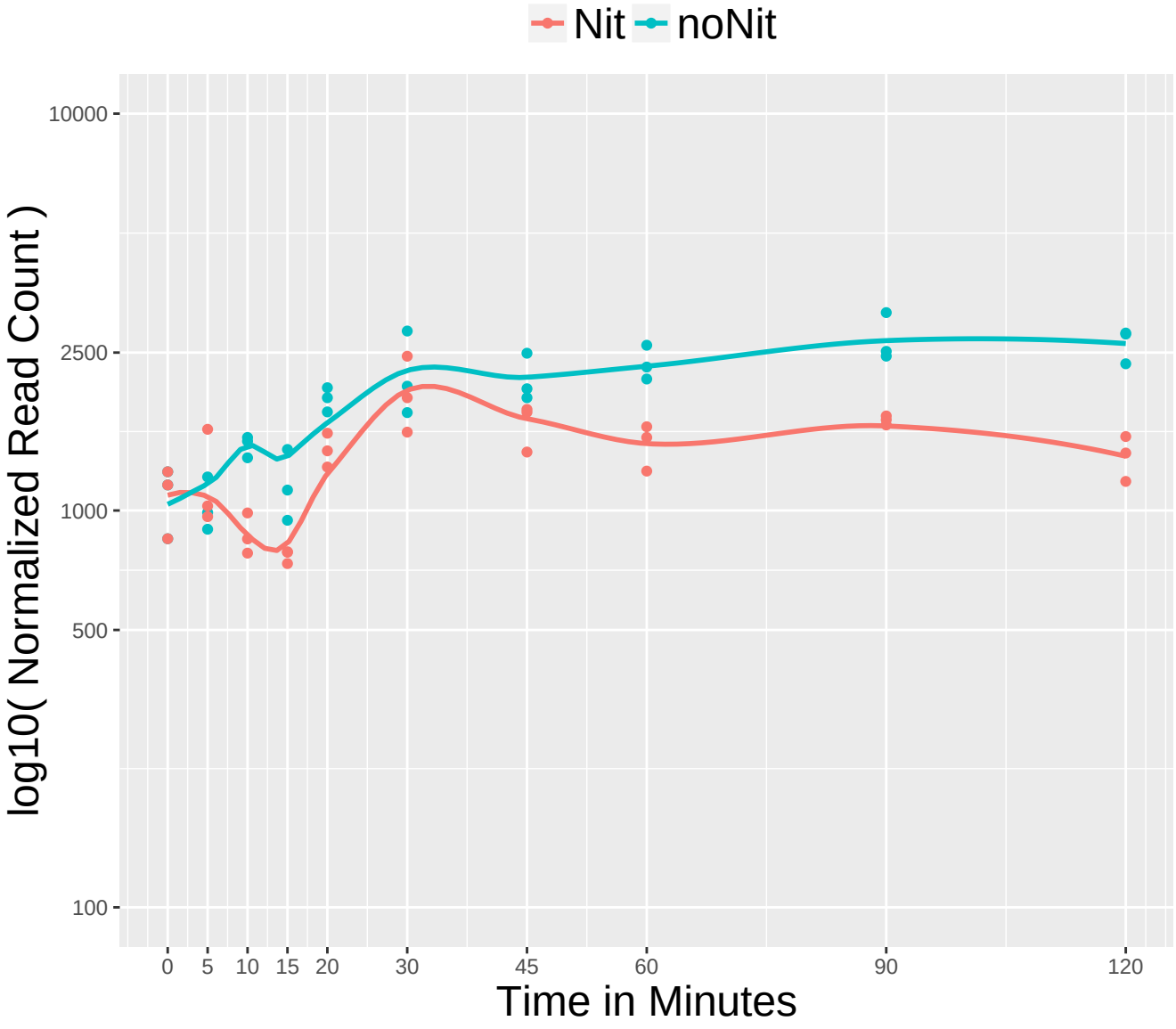
AAP6,amino



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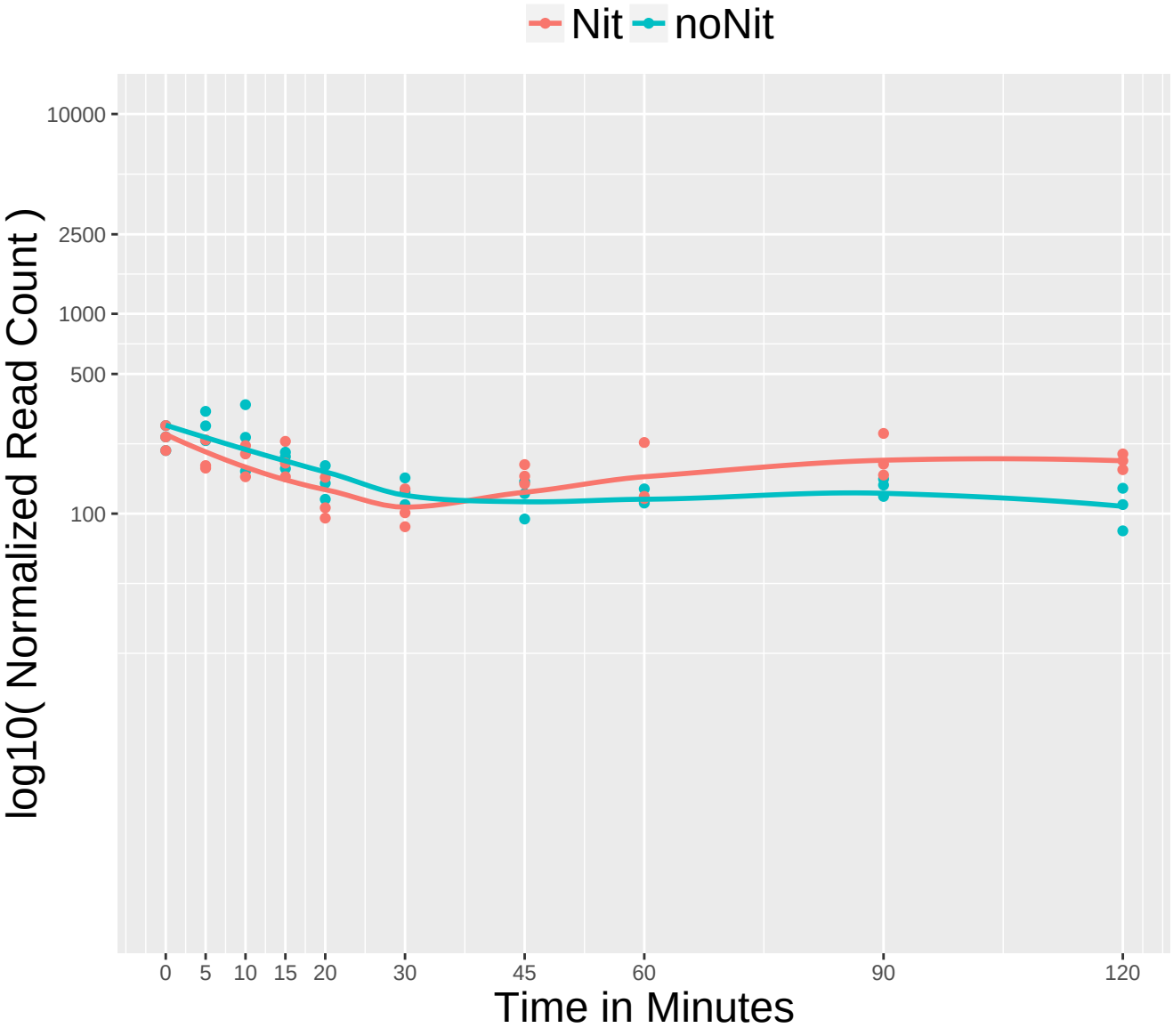
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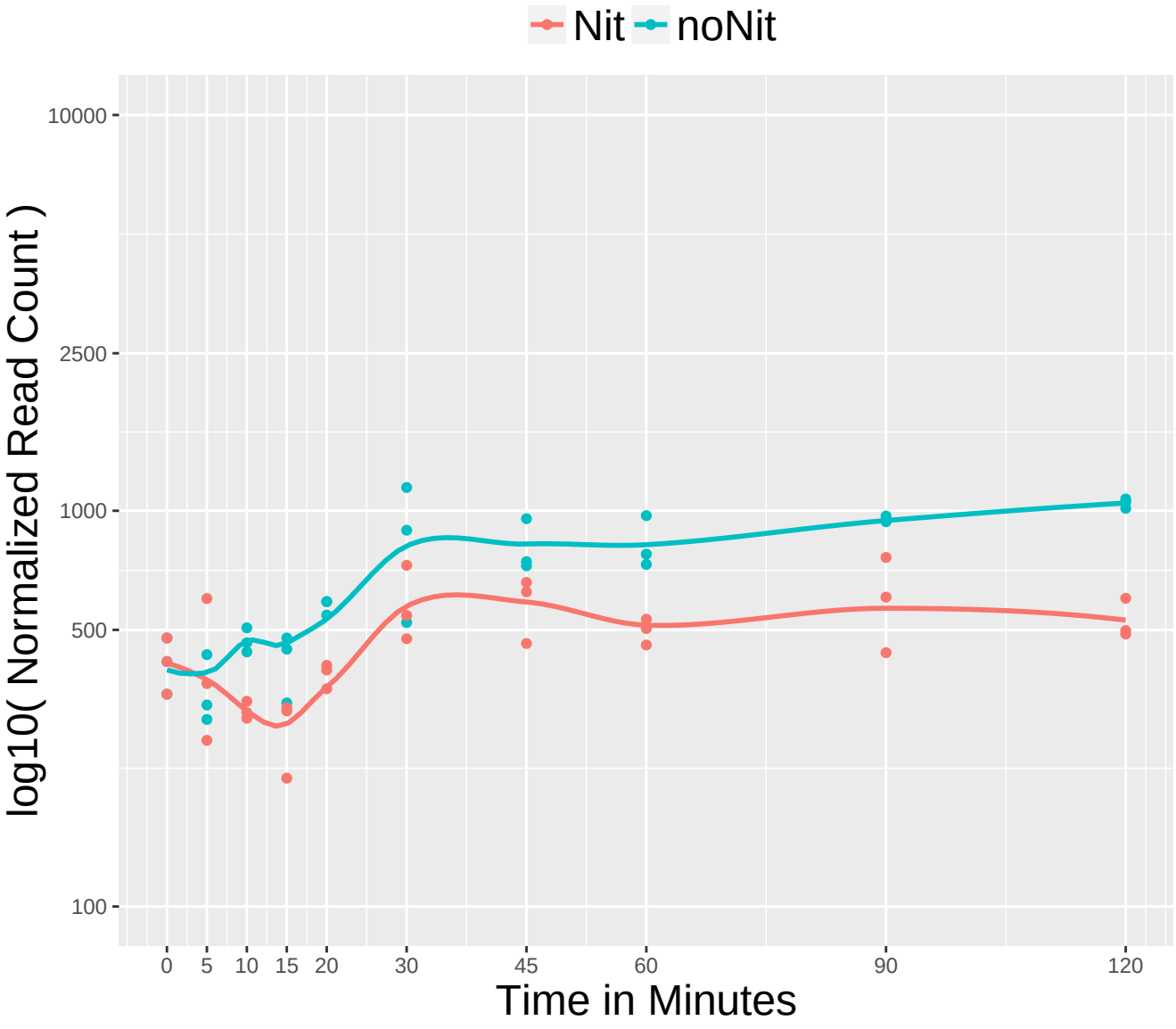
AT1G33170

S−adenosyl−L−methionine−dependent



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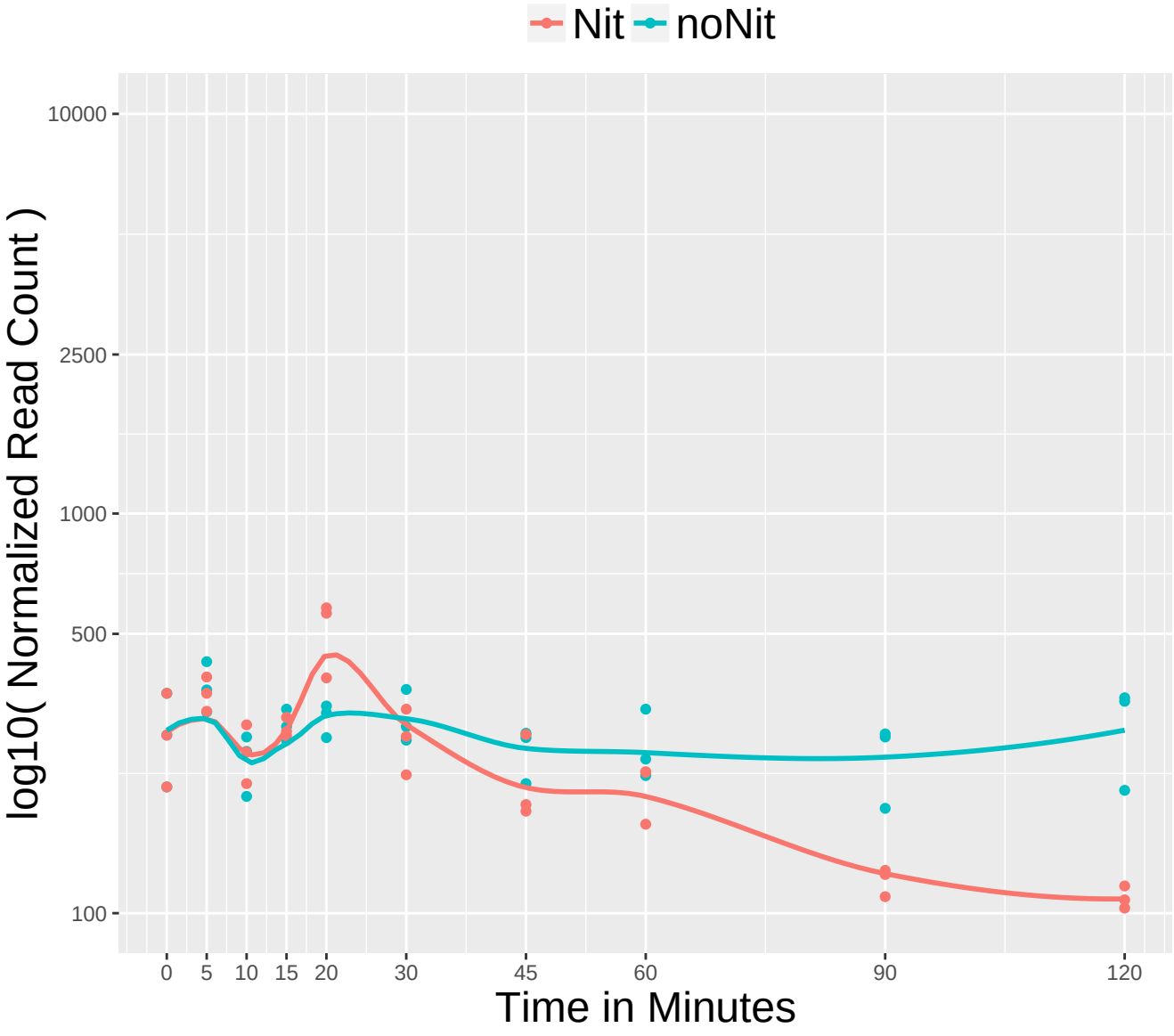
Protein



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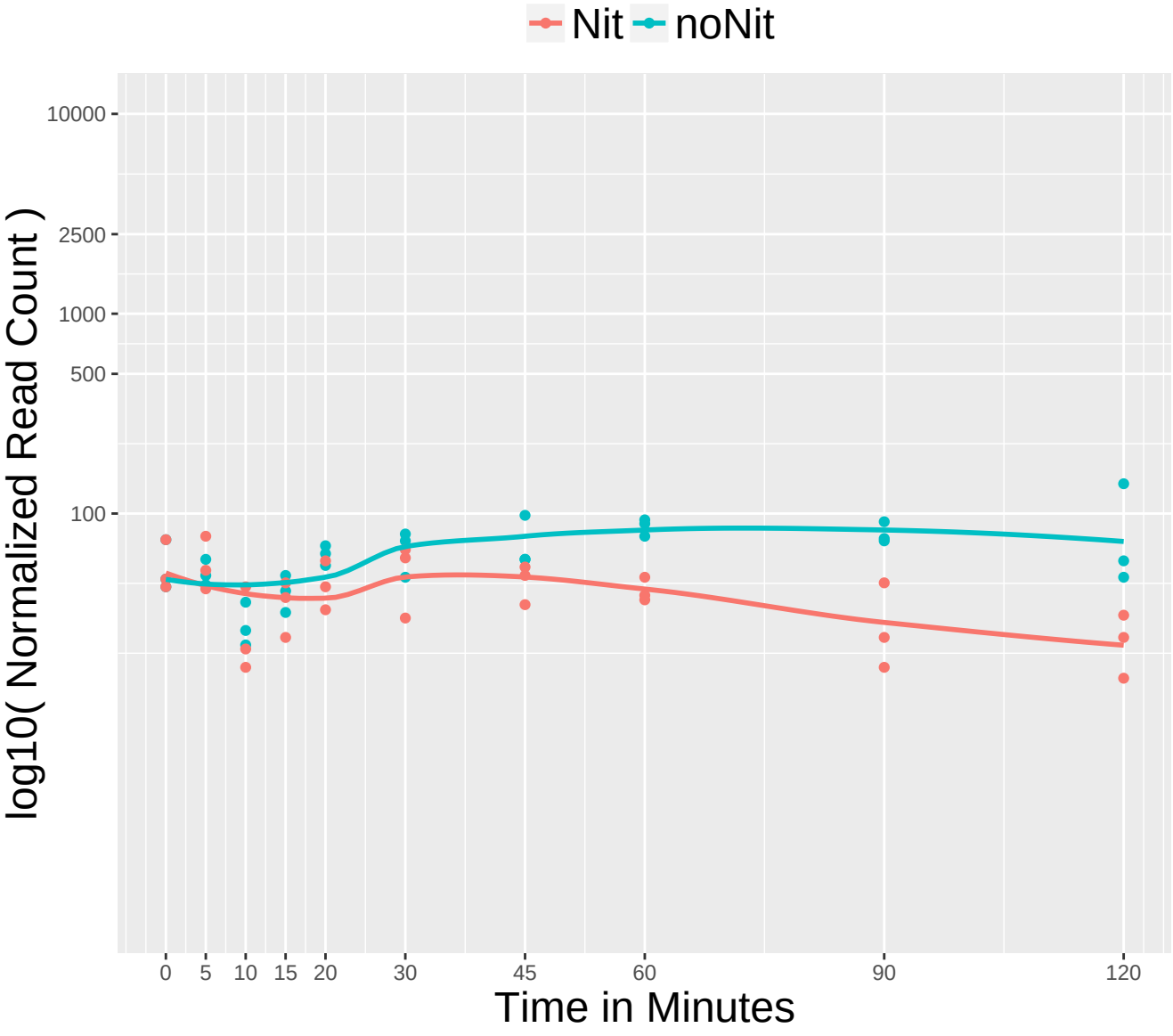
Disease



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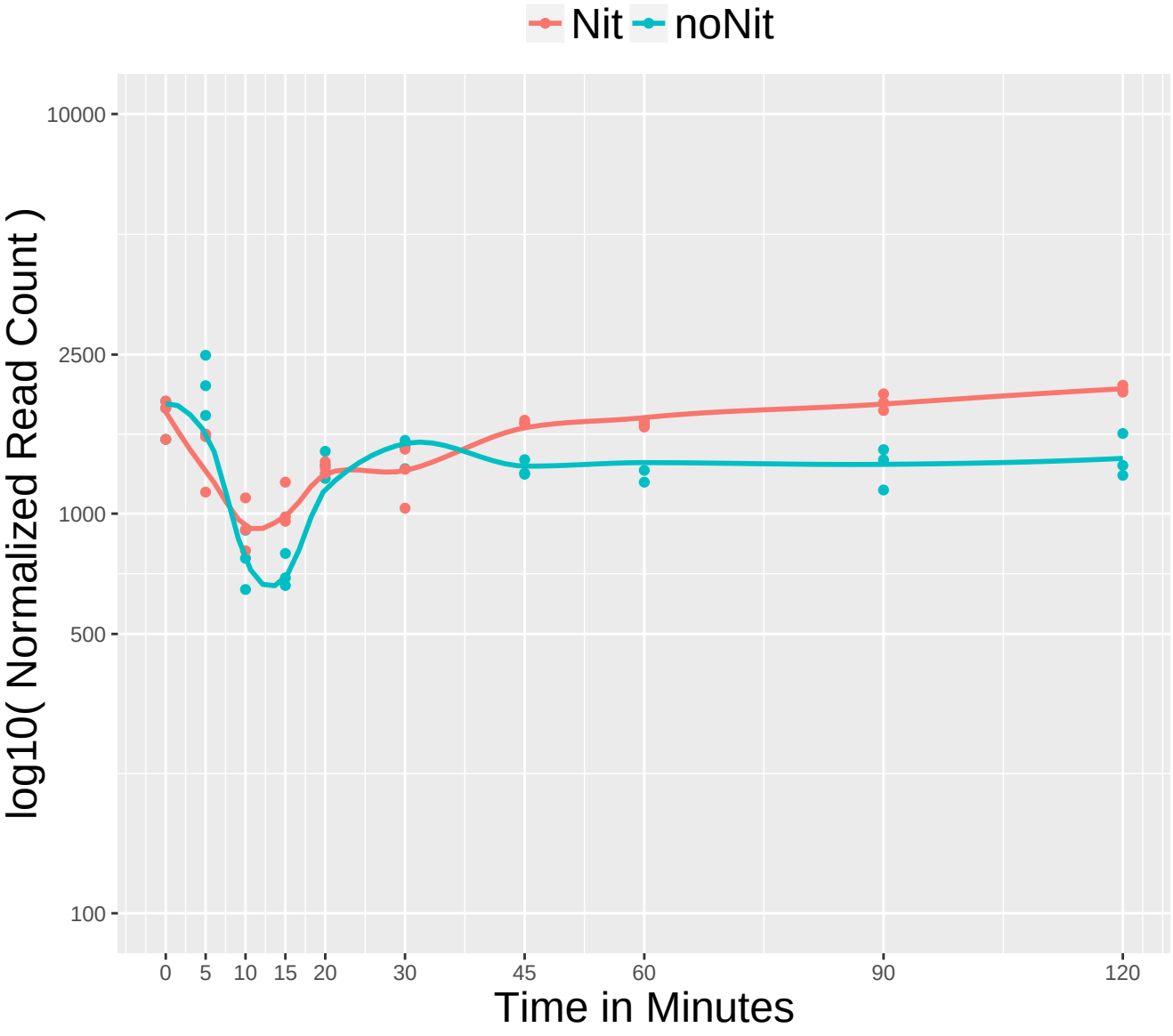
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AT1G67520

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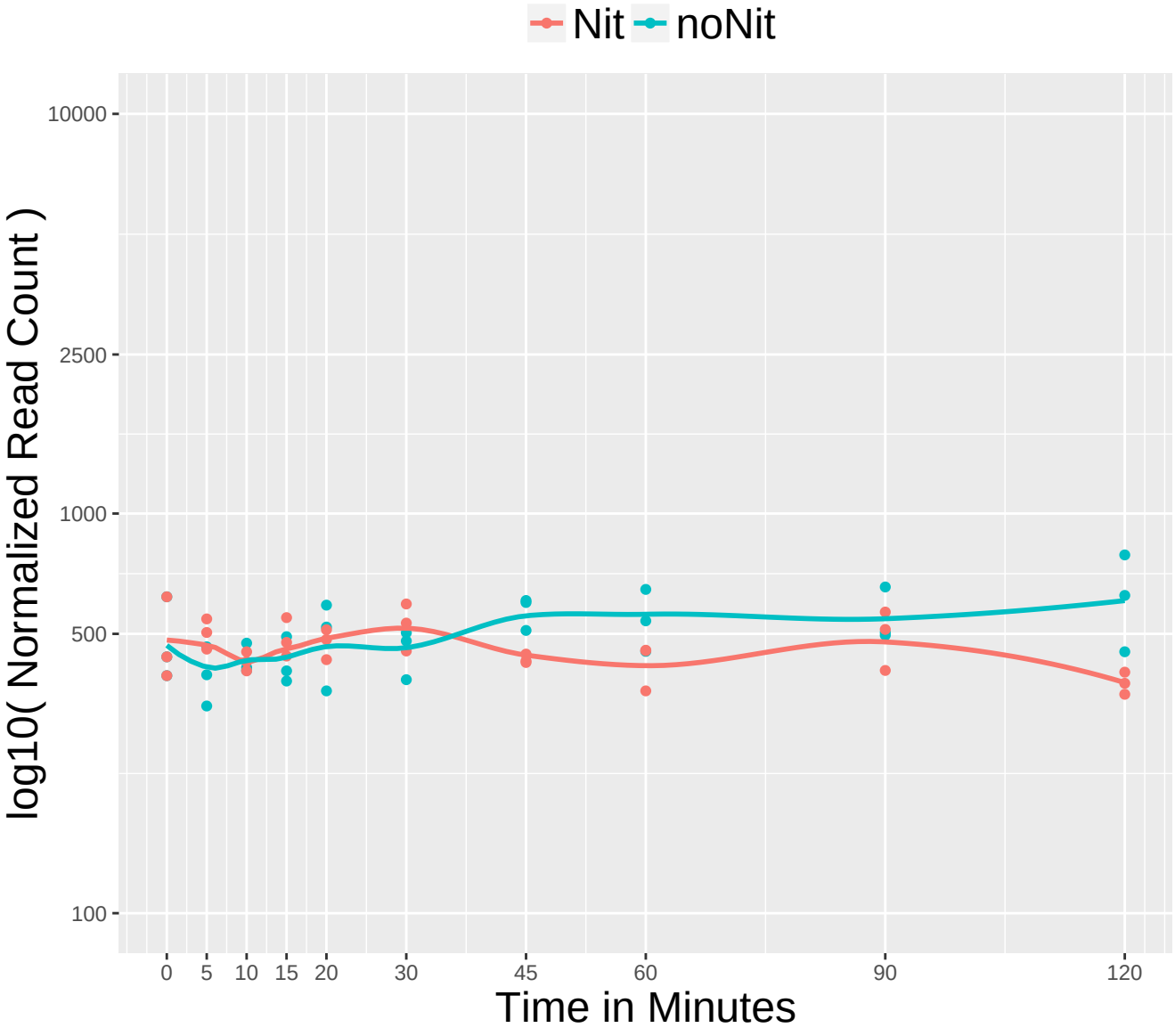

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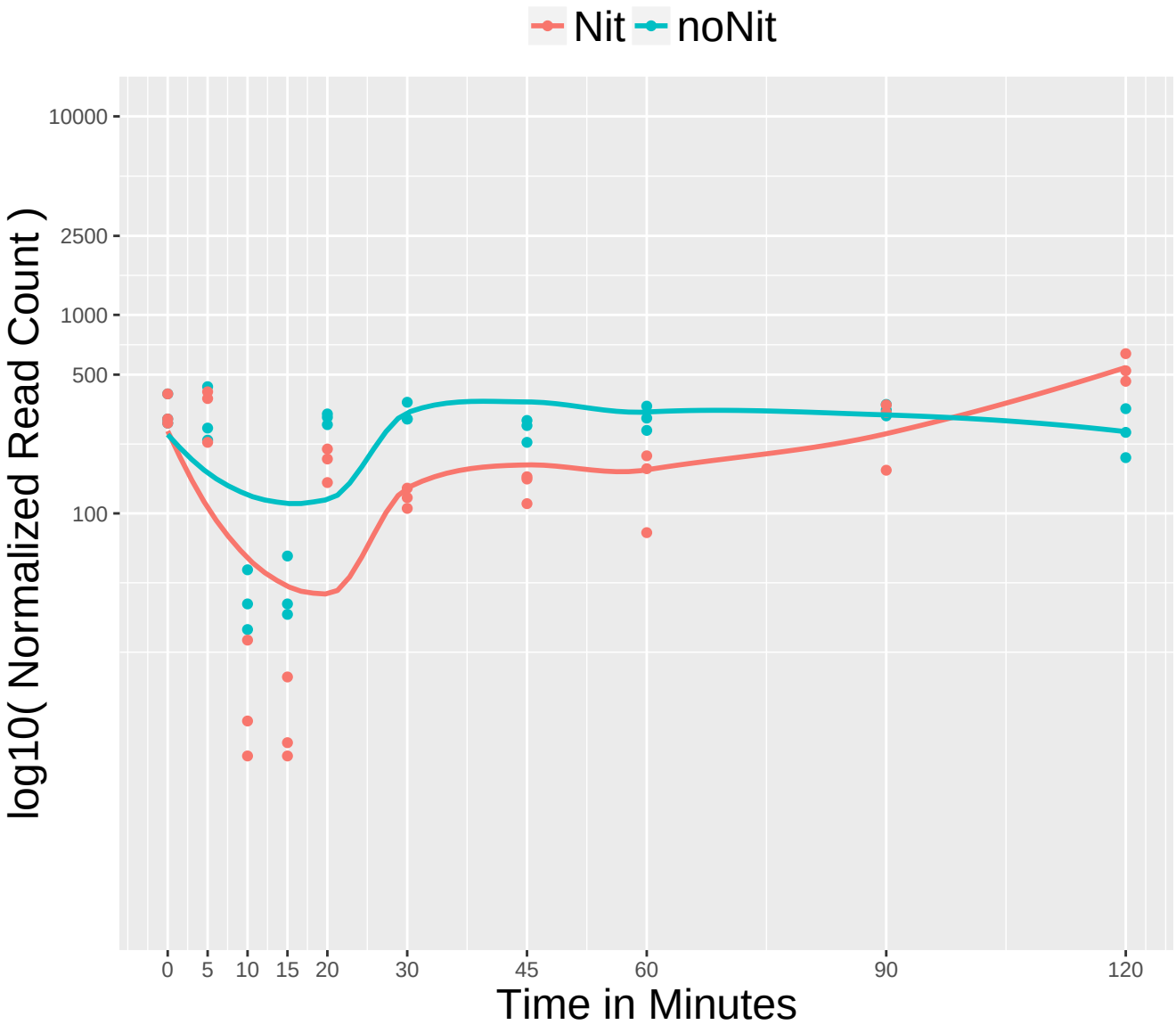
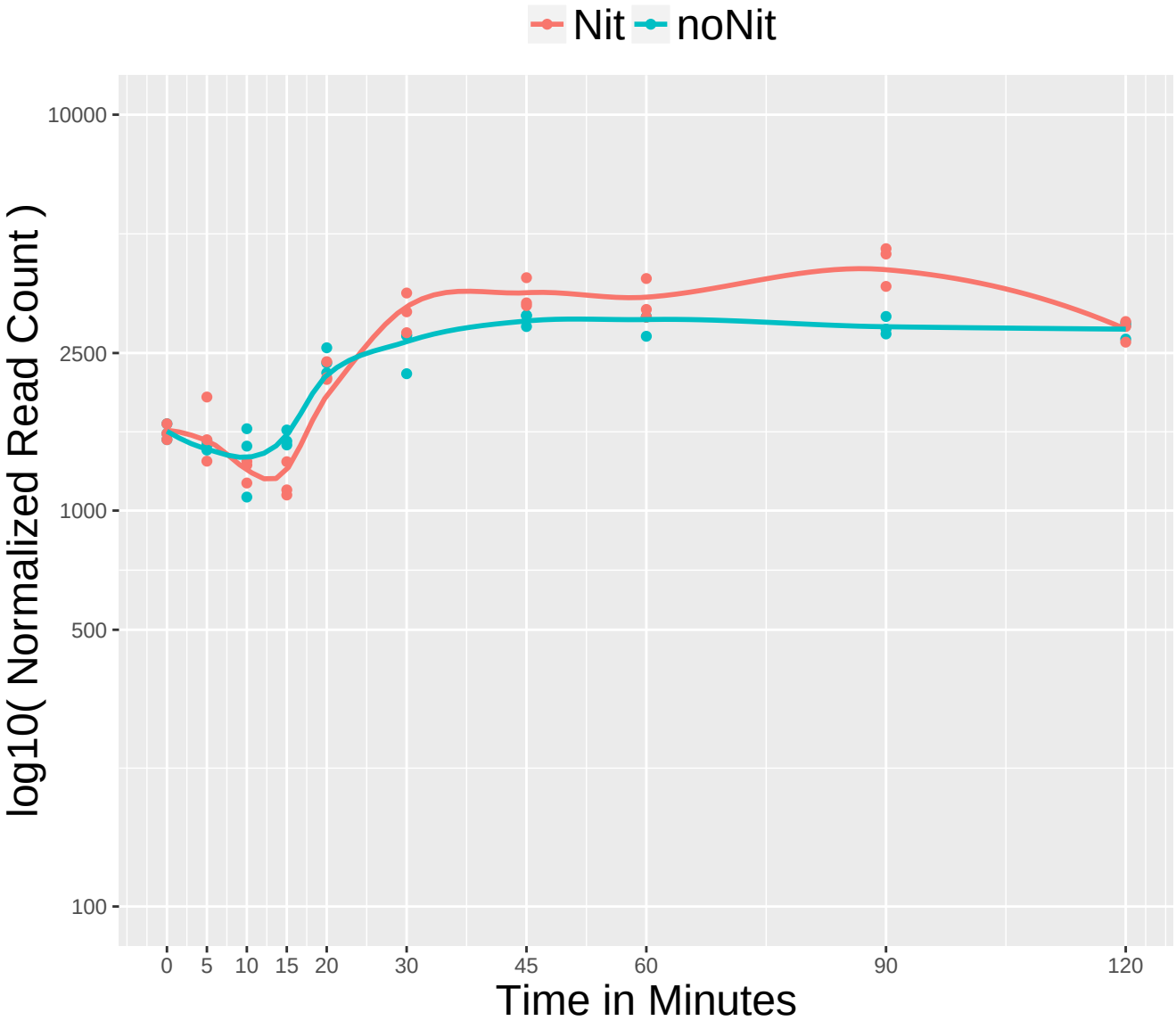
IDL5,inflorescence



AT2G22480

PFK5,phosphofructokinase



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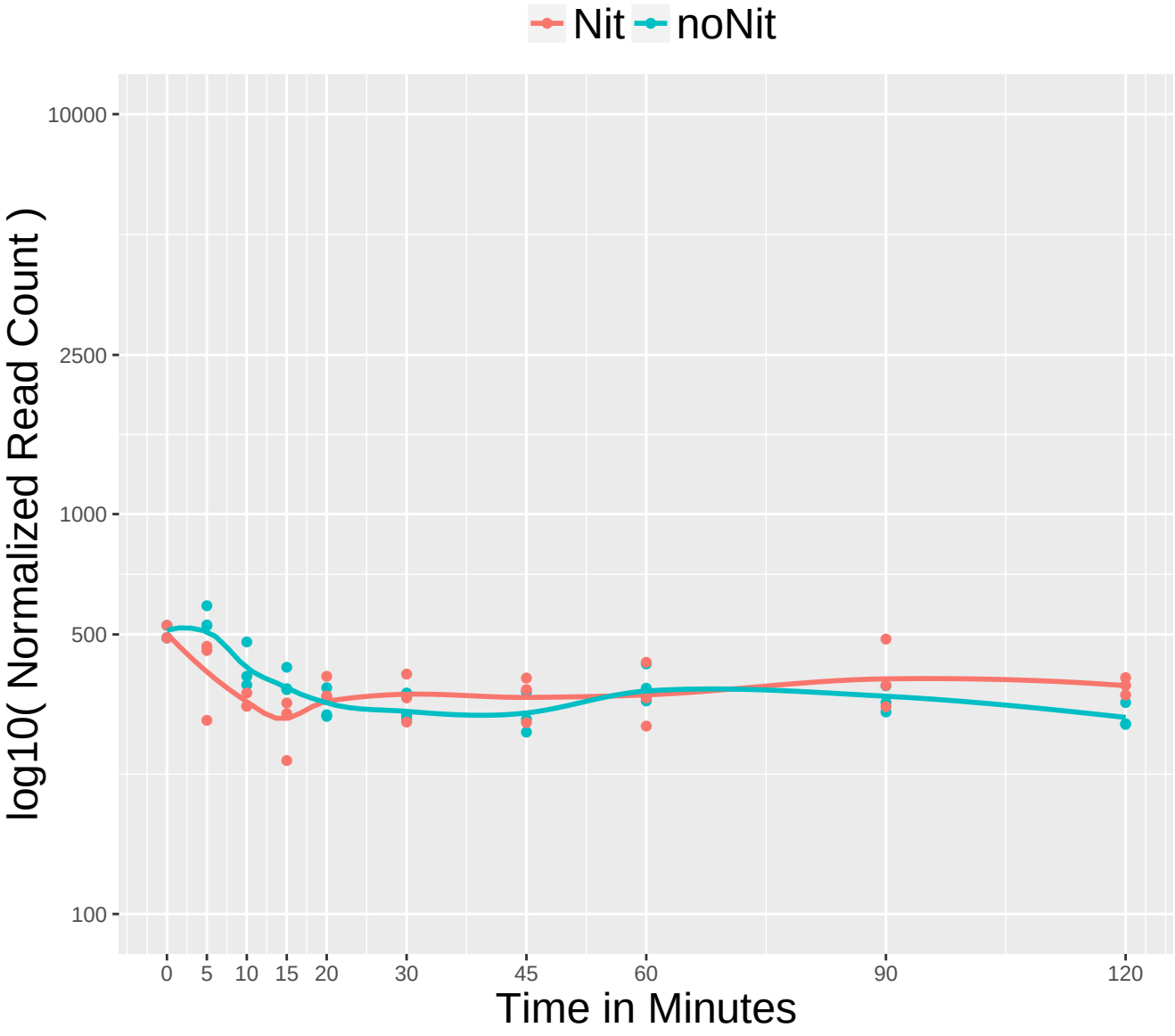
RING/U−box



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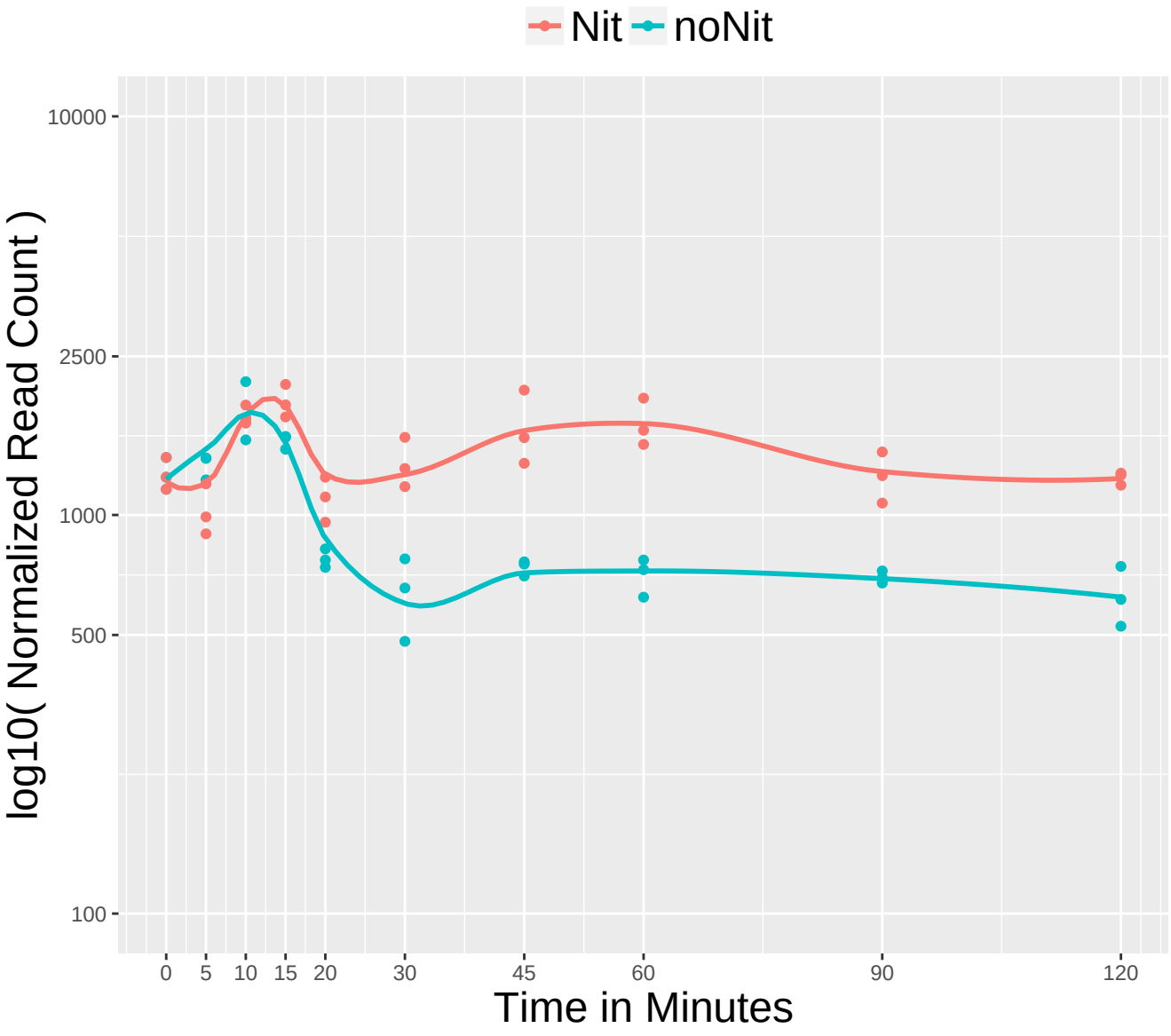
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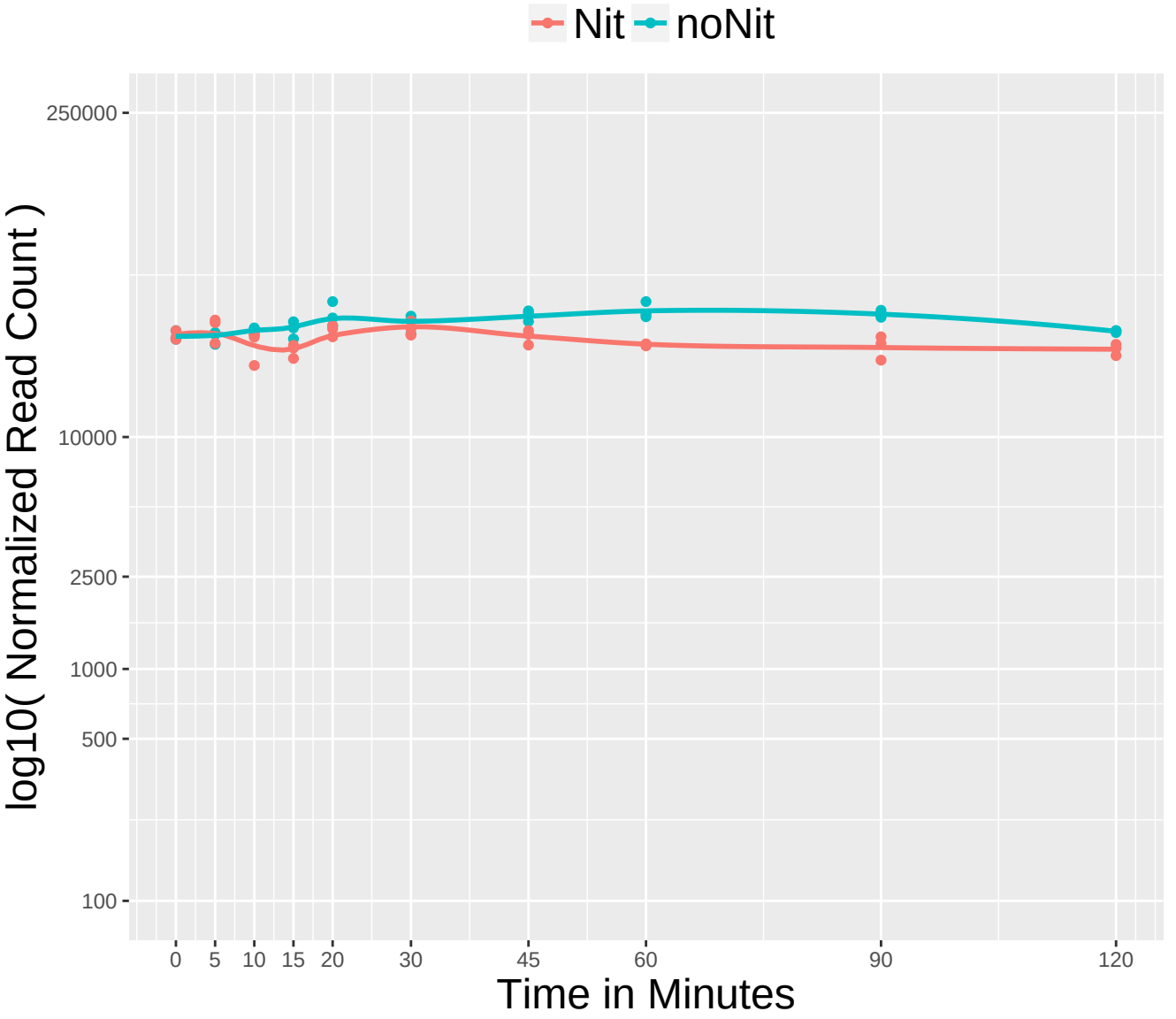
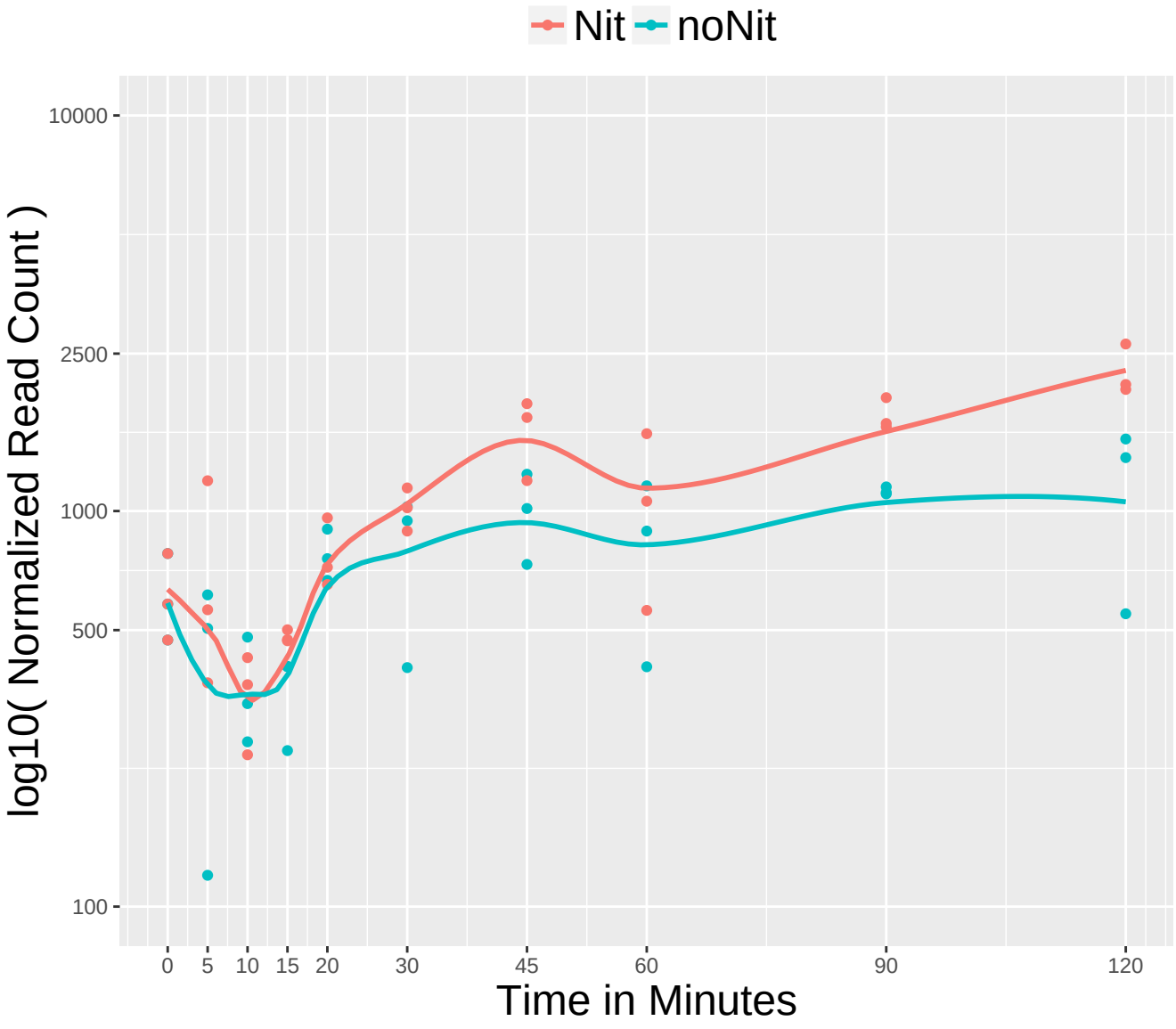
AT2G45960

ATHH2,,PIP1;2,NAMED



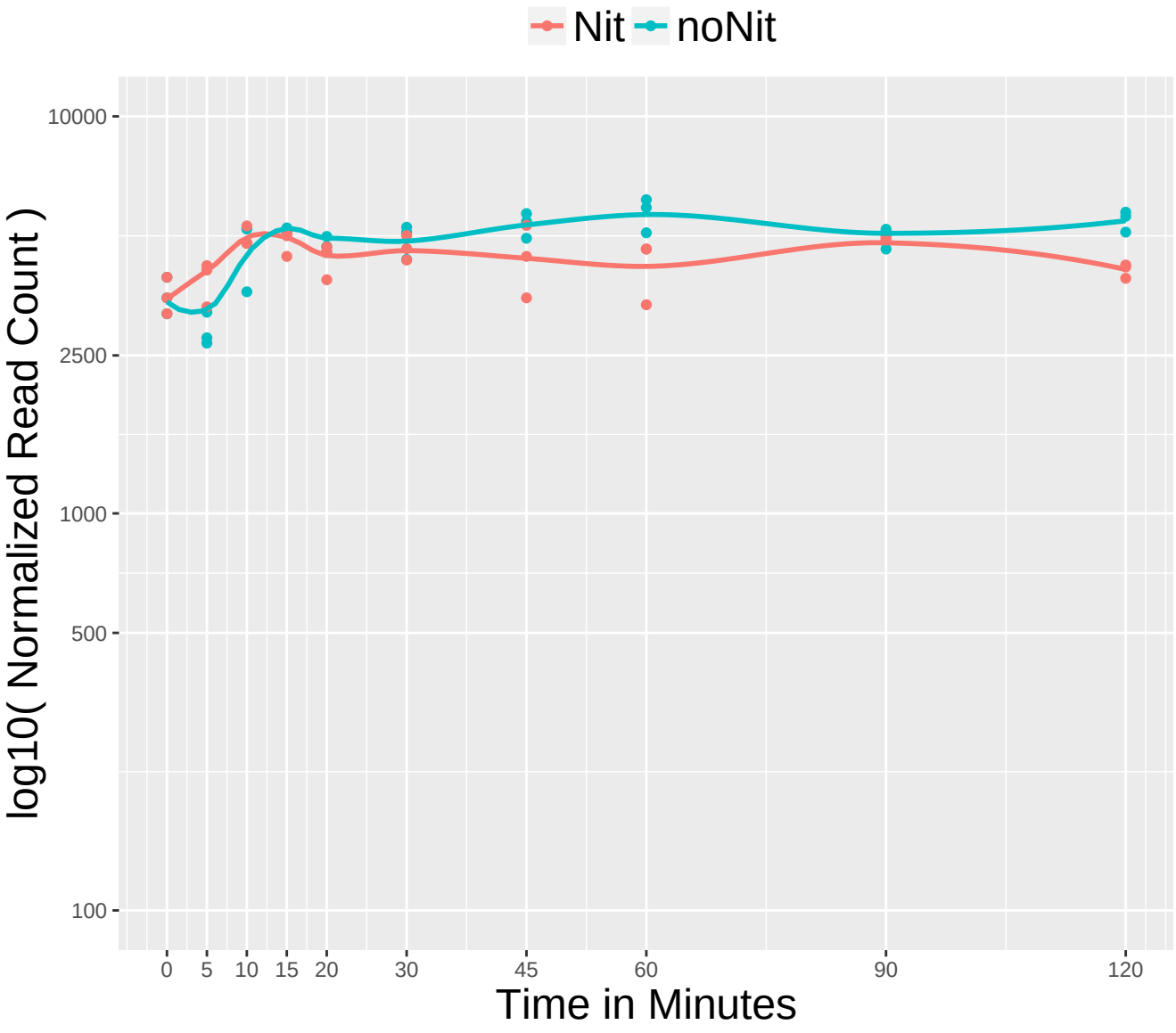
AT3G12230

scpl14,serine



AT3G16830

TPR2,TOPLESS−related



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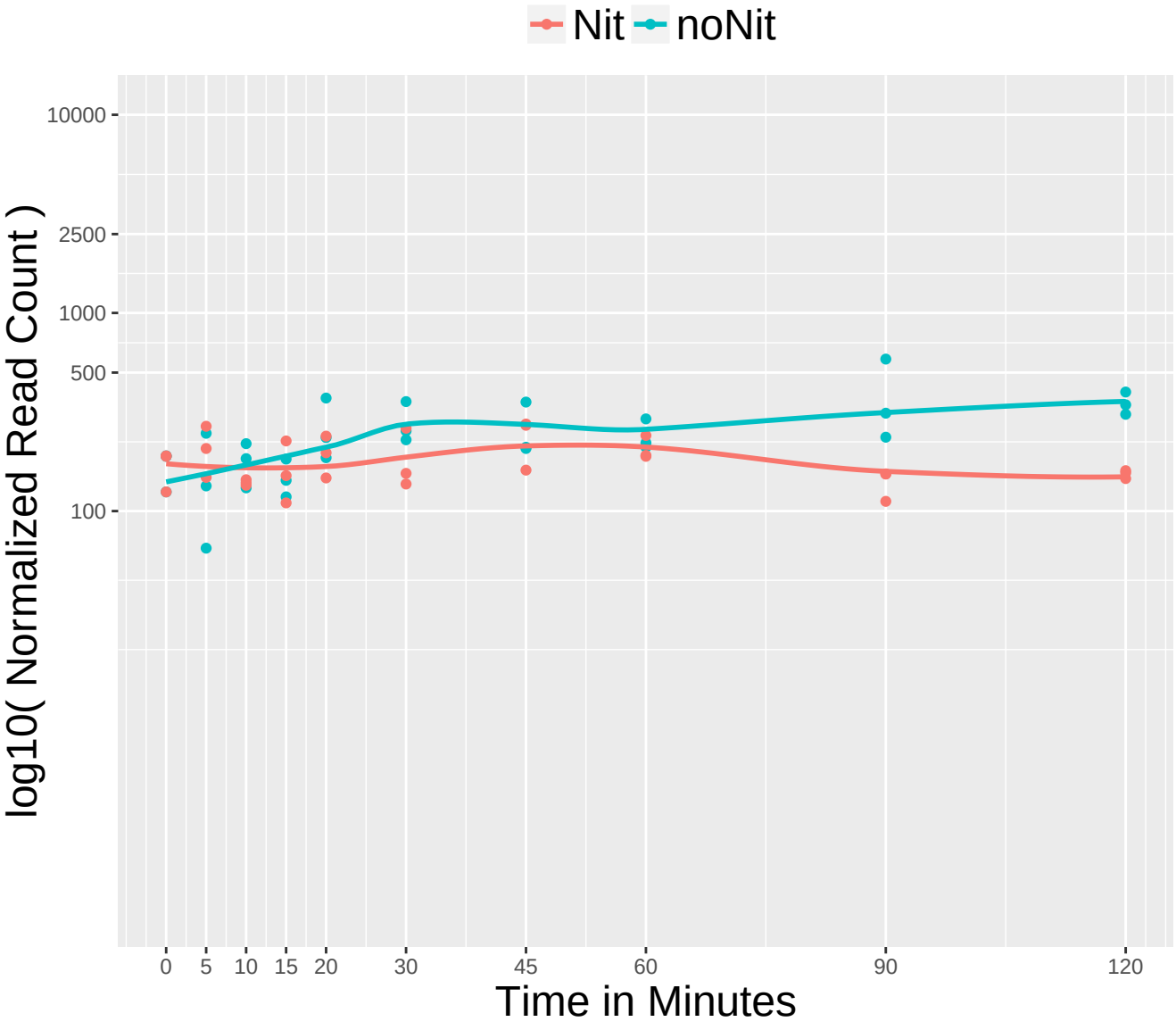
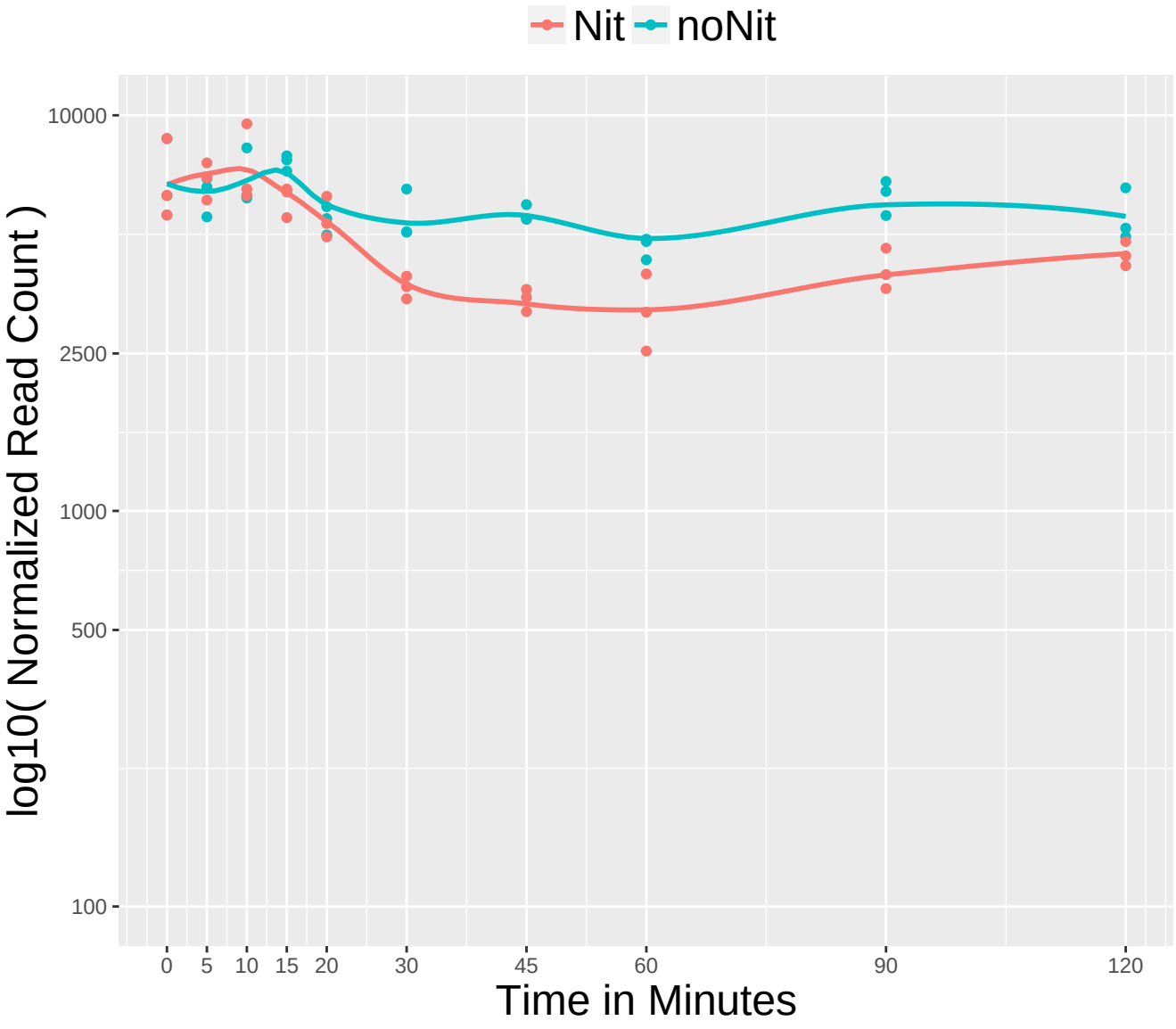


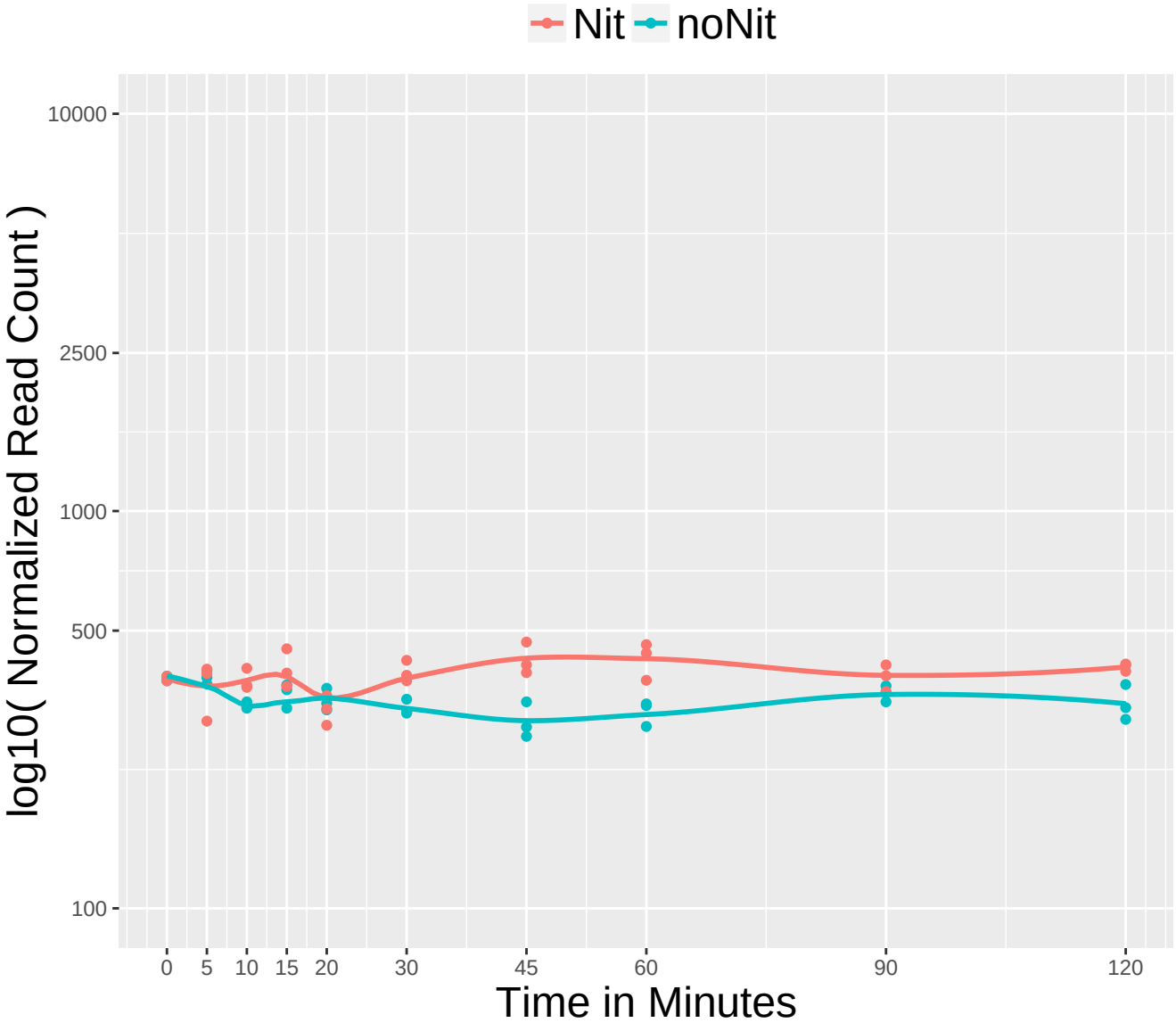
AT4G30440

GAE1,UDP−D−glucuronate



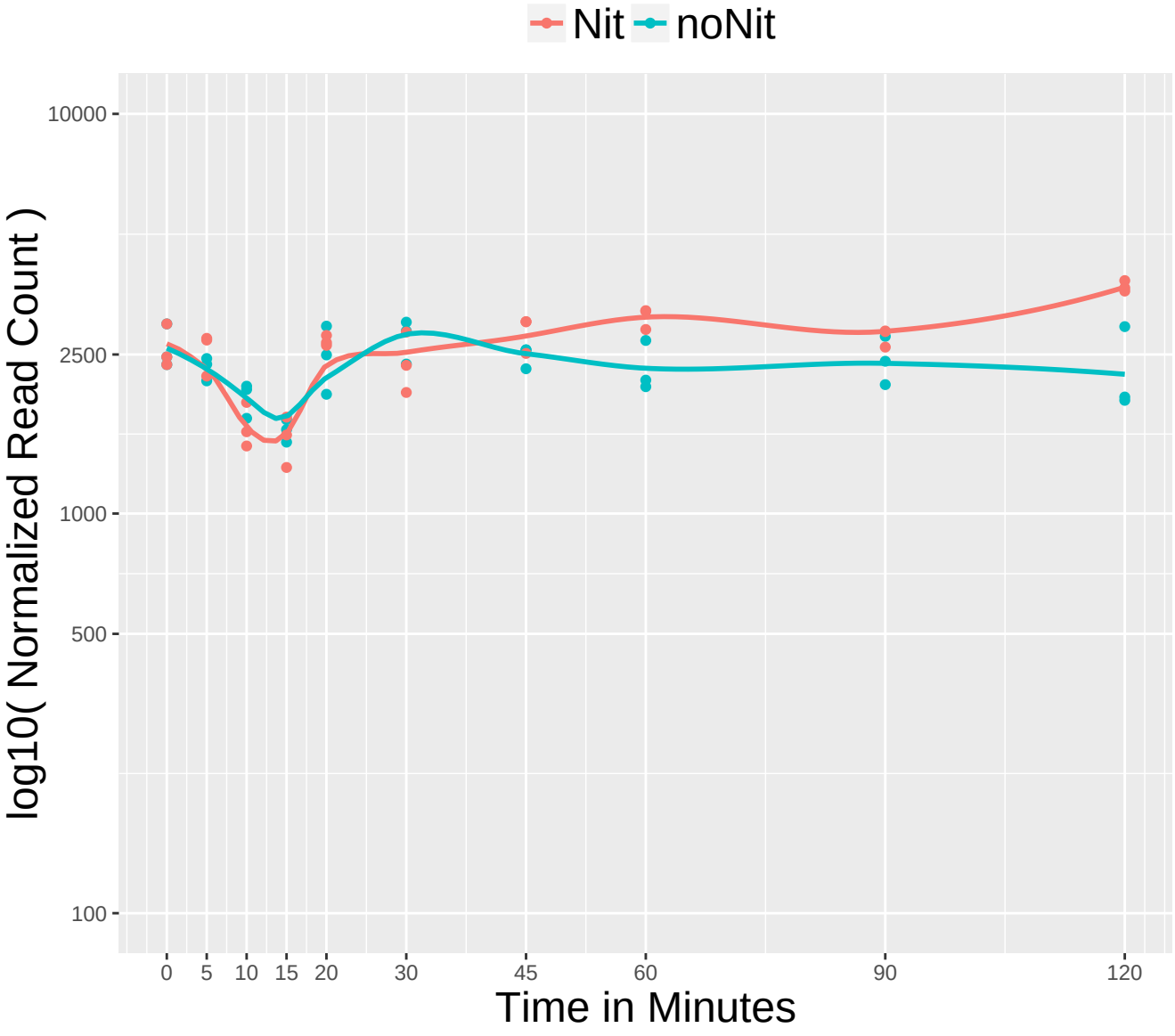
AT4G34340

TAF8,TBP−associated



AT5G02050

Mitochondrial



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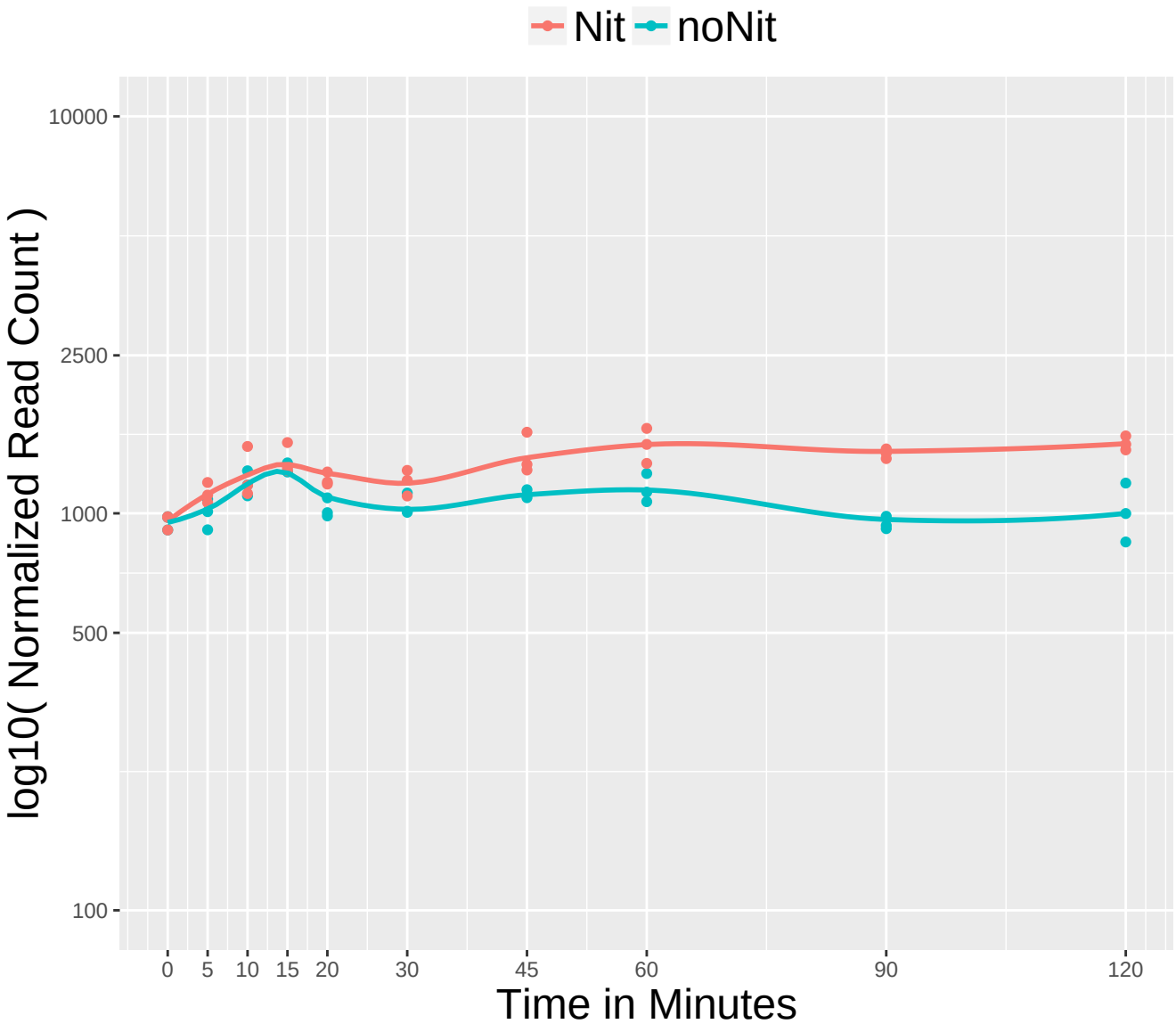
ATIPK2A,INOSITOL



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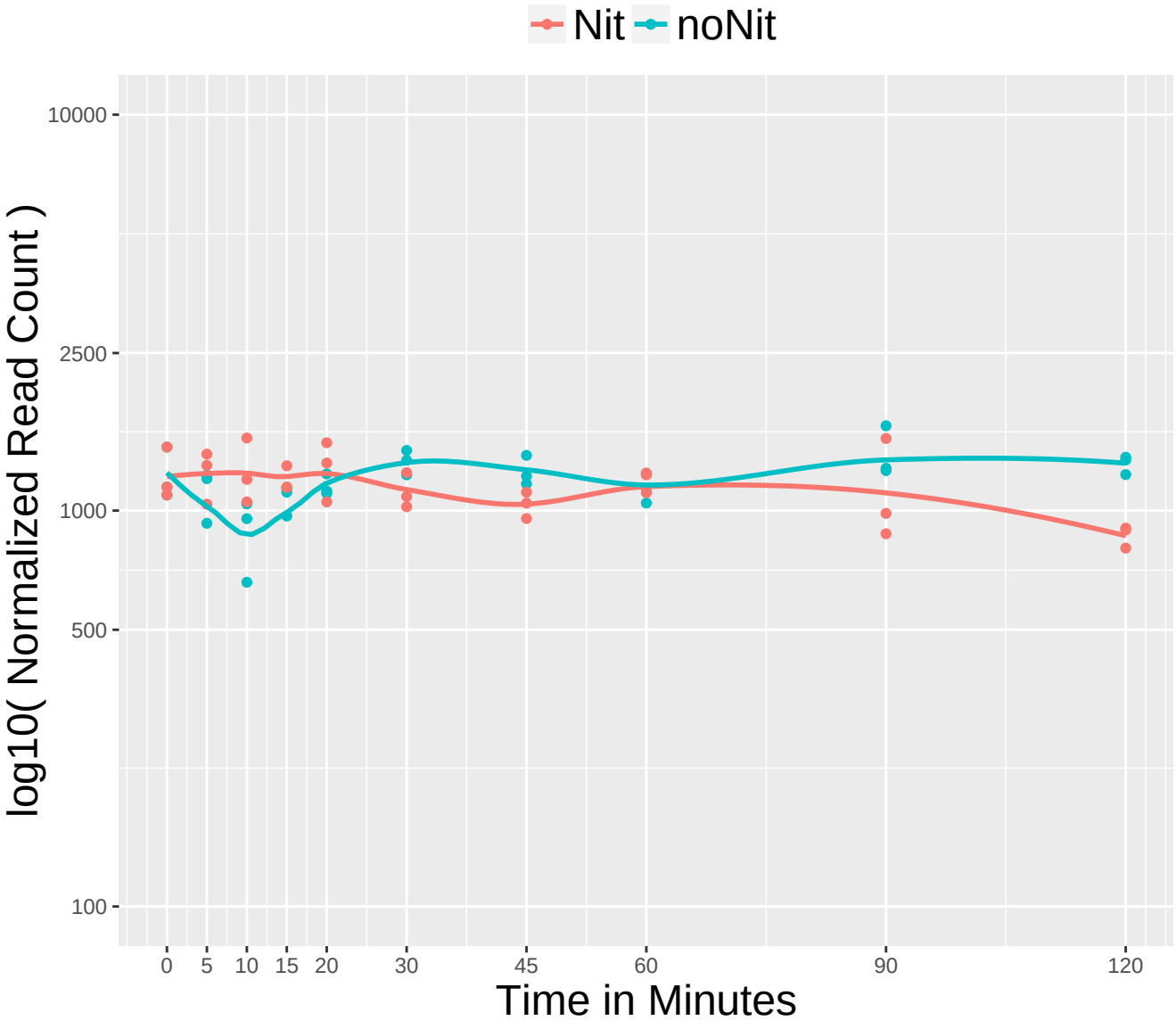

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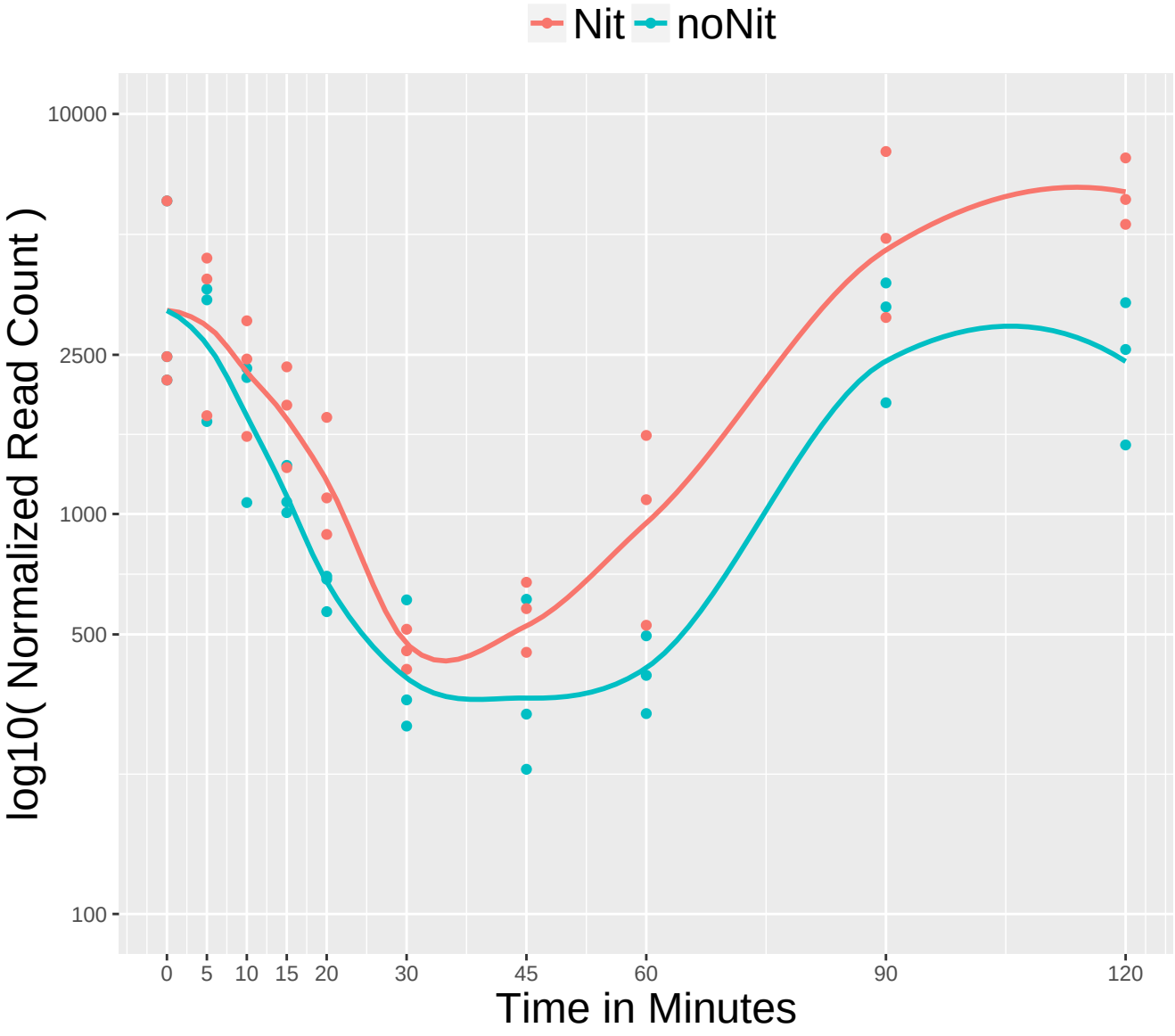

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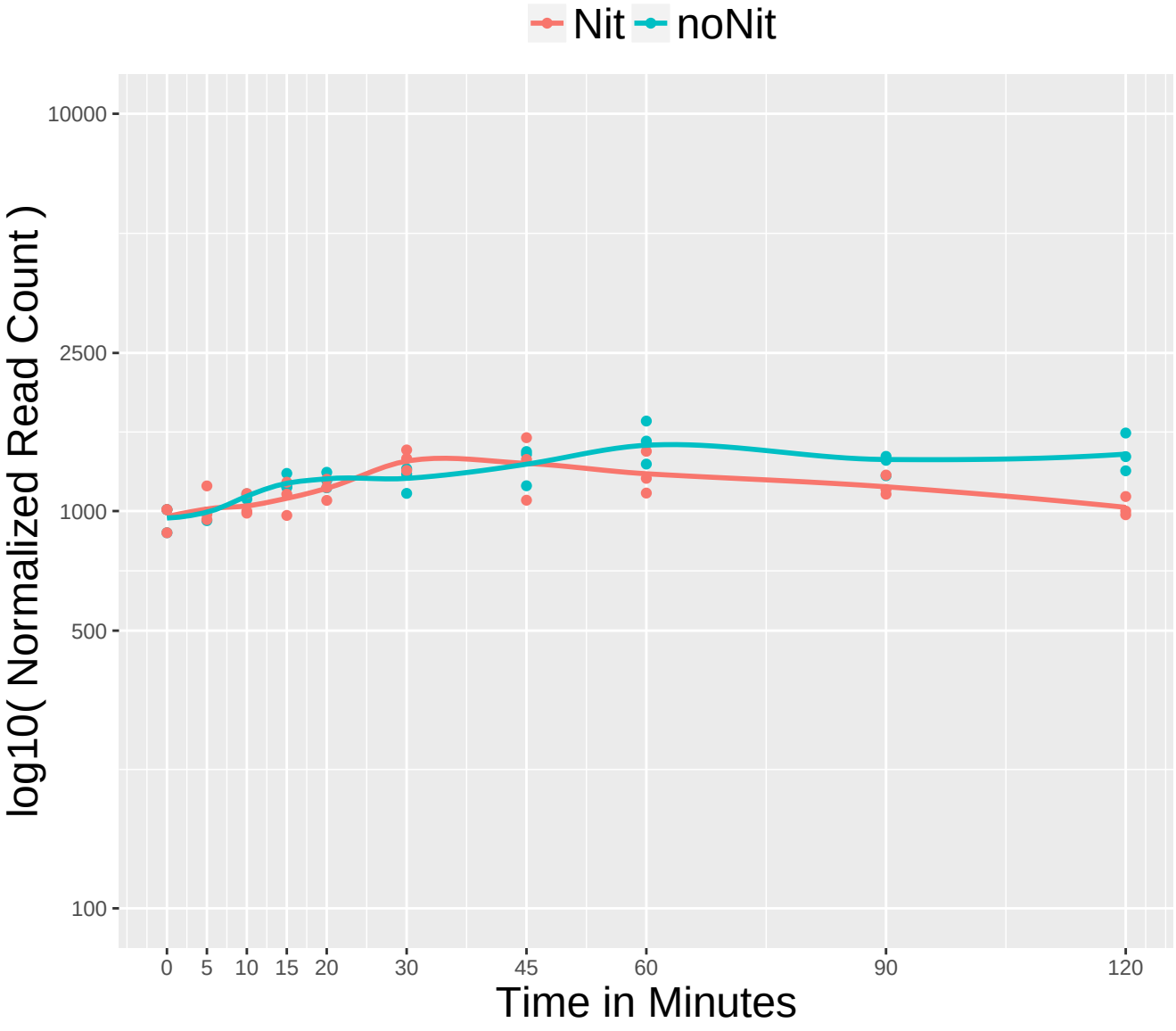
ATFH5,FORMIN



AT1G03040

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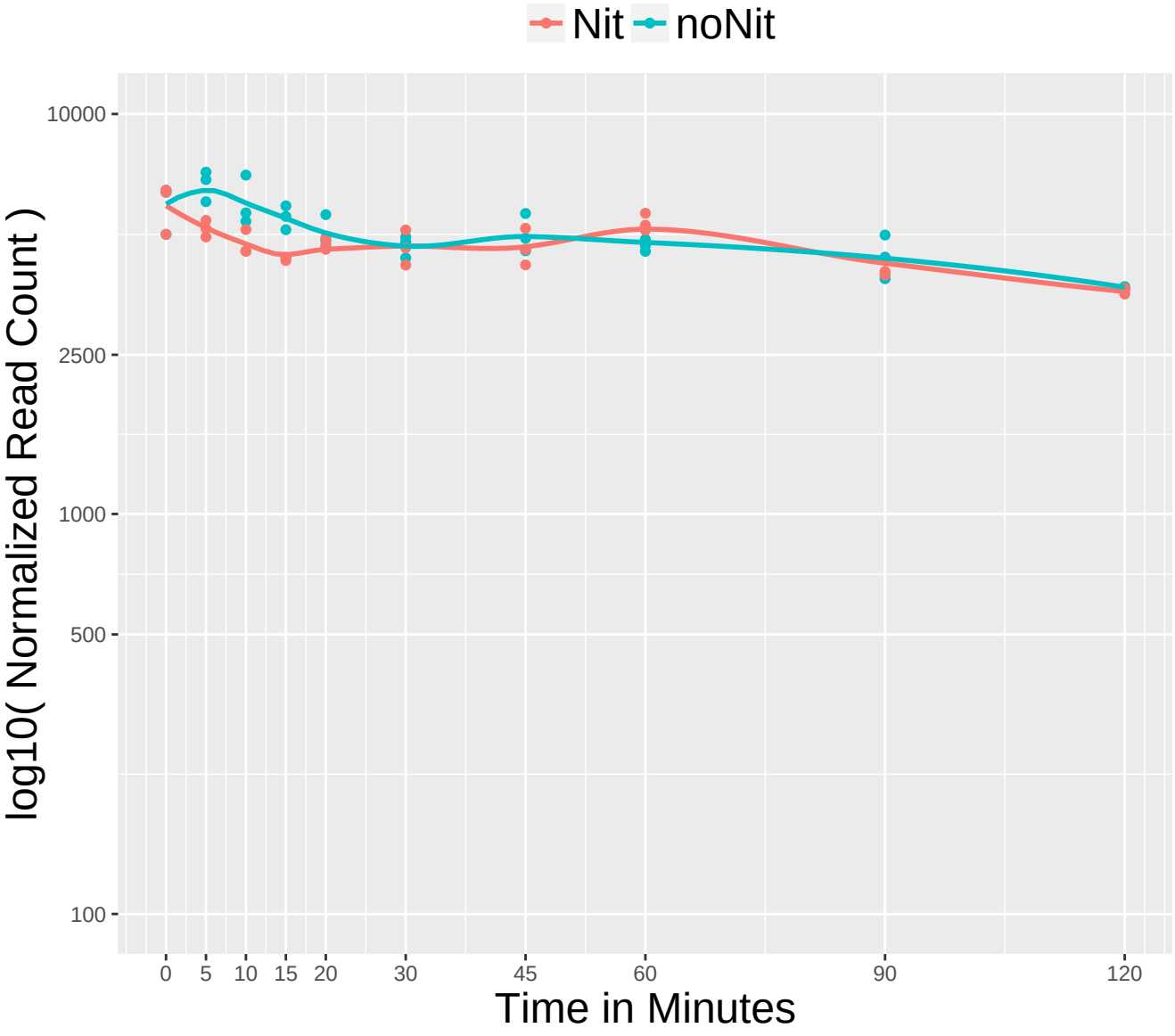

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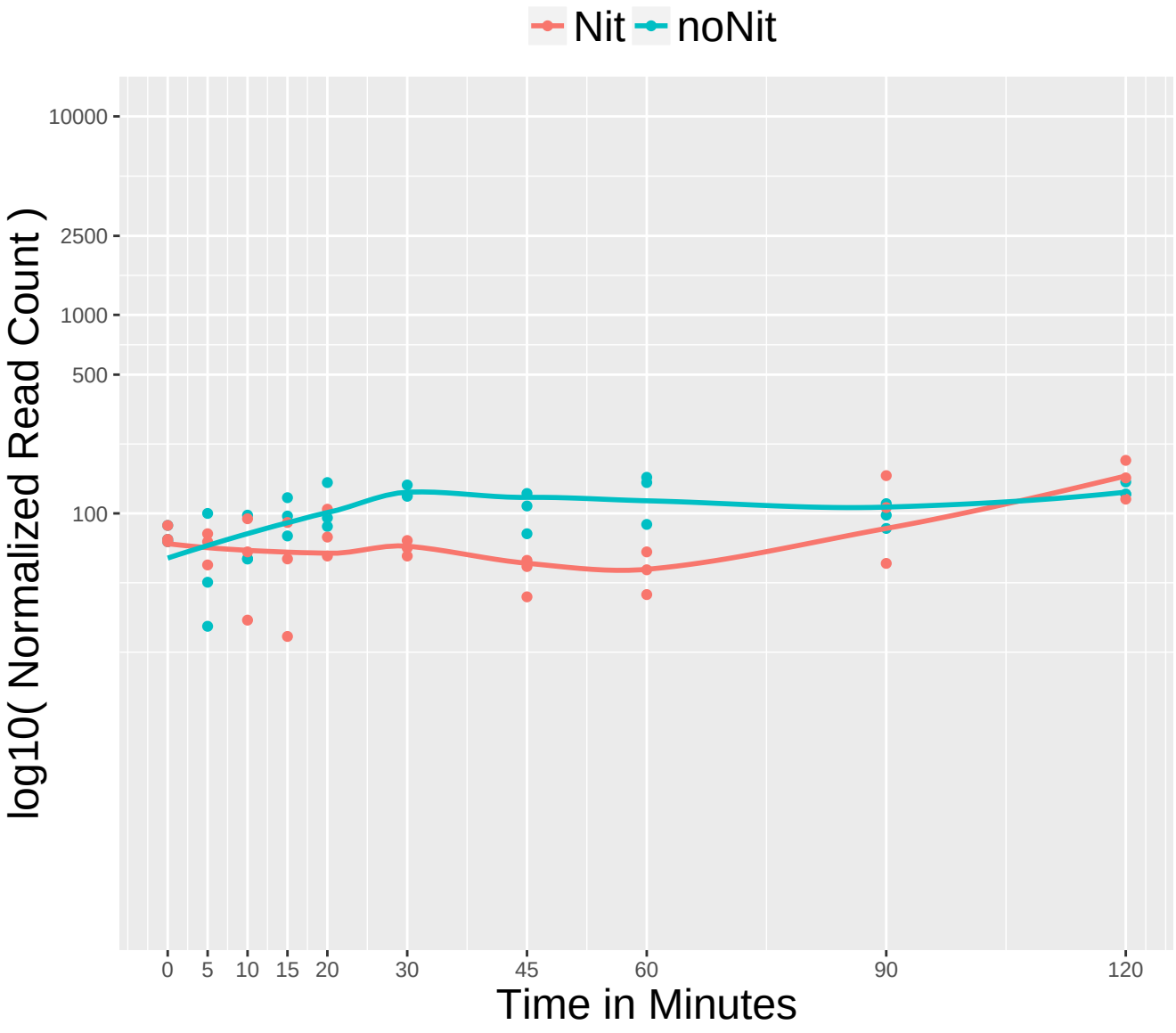
ALMT1,aluminum−activated



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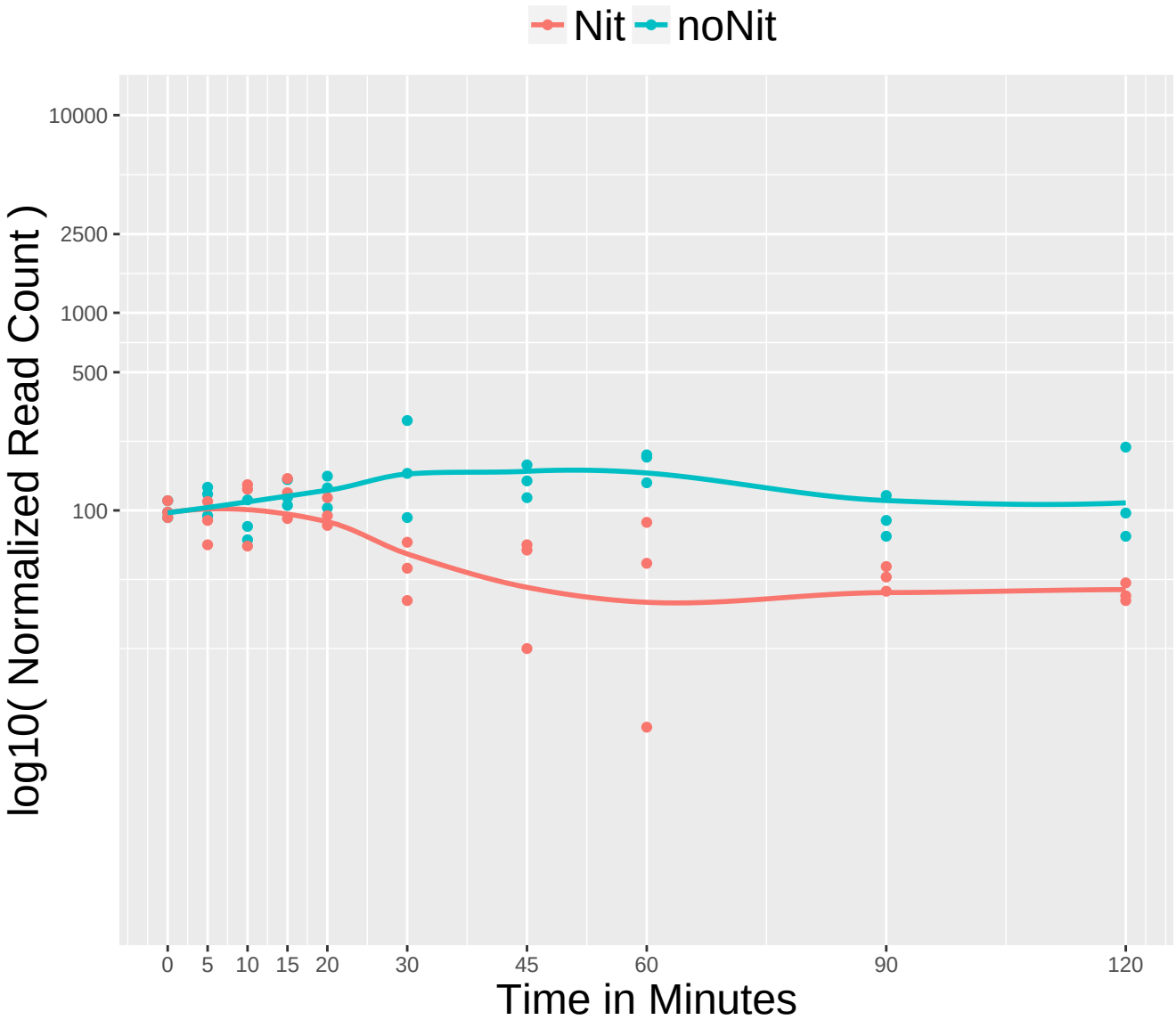
ATOPT2,oligopeptide



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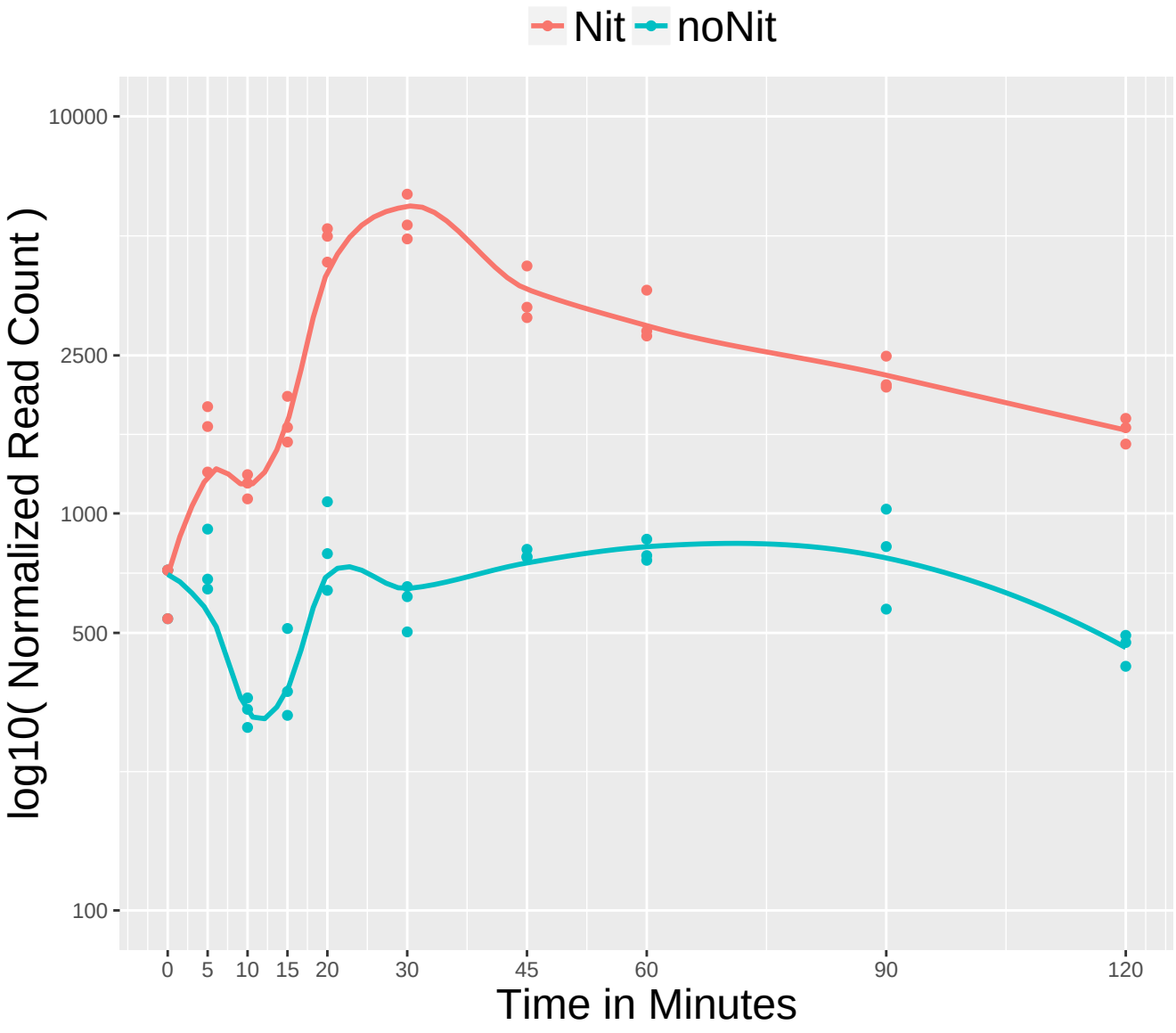
DVL4,DEVIL



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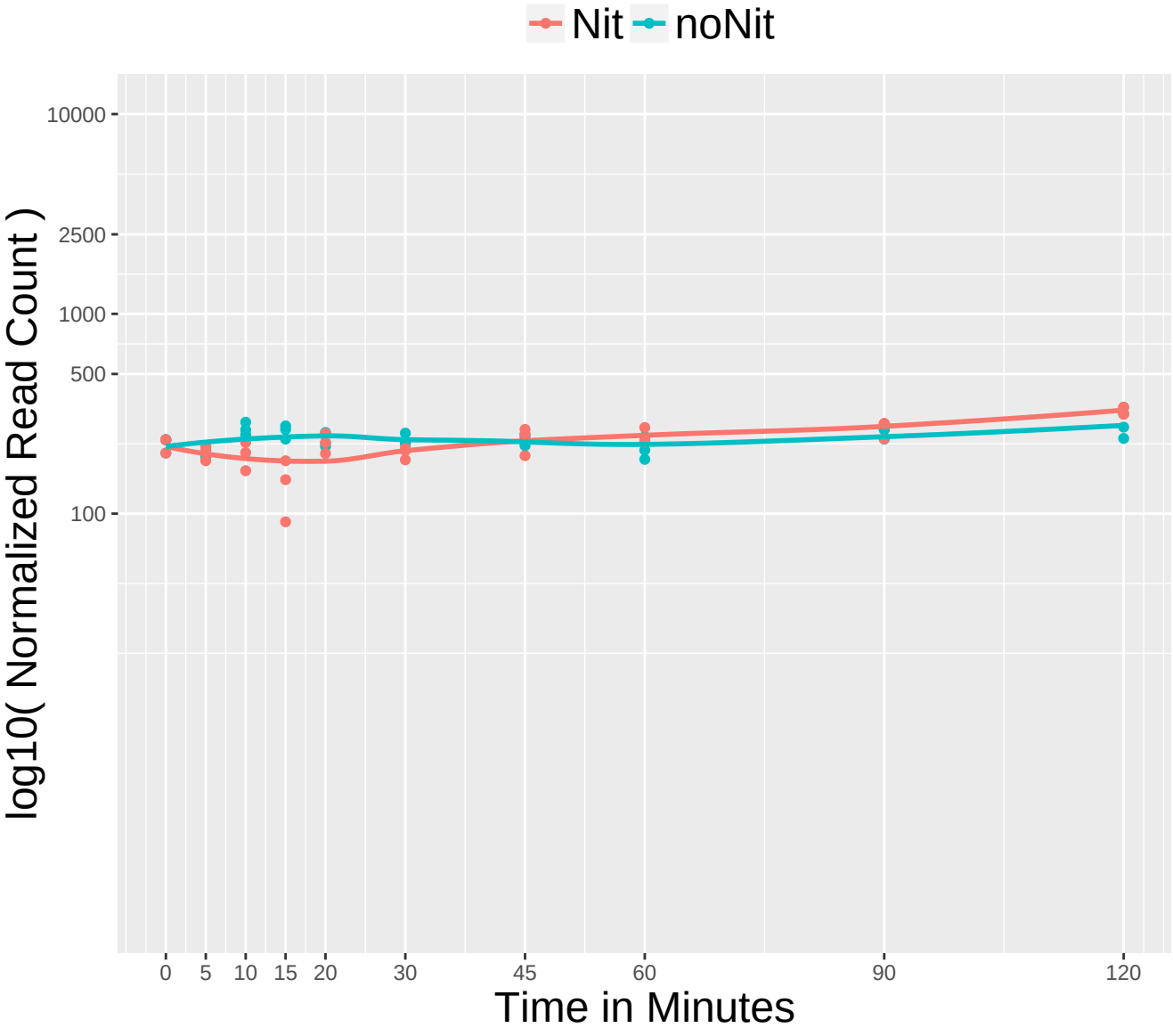

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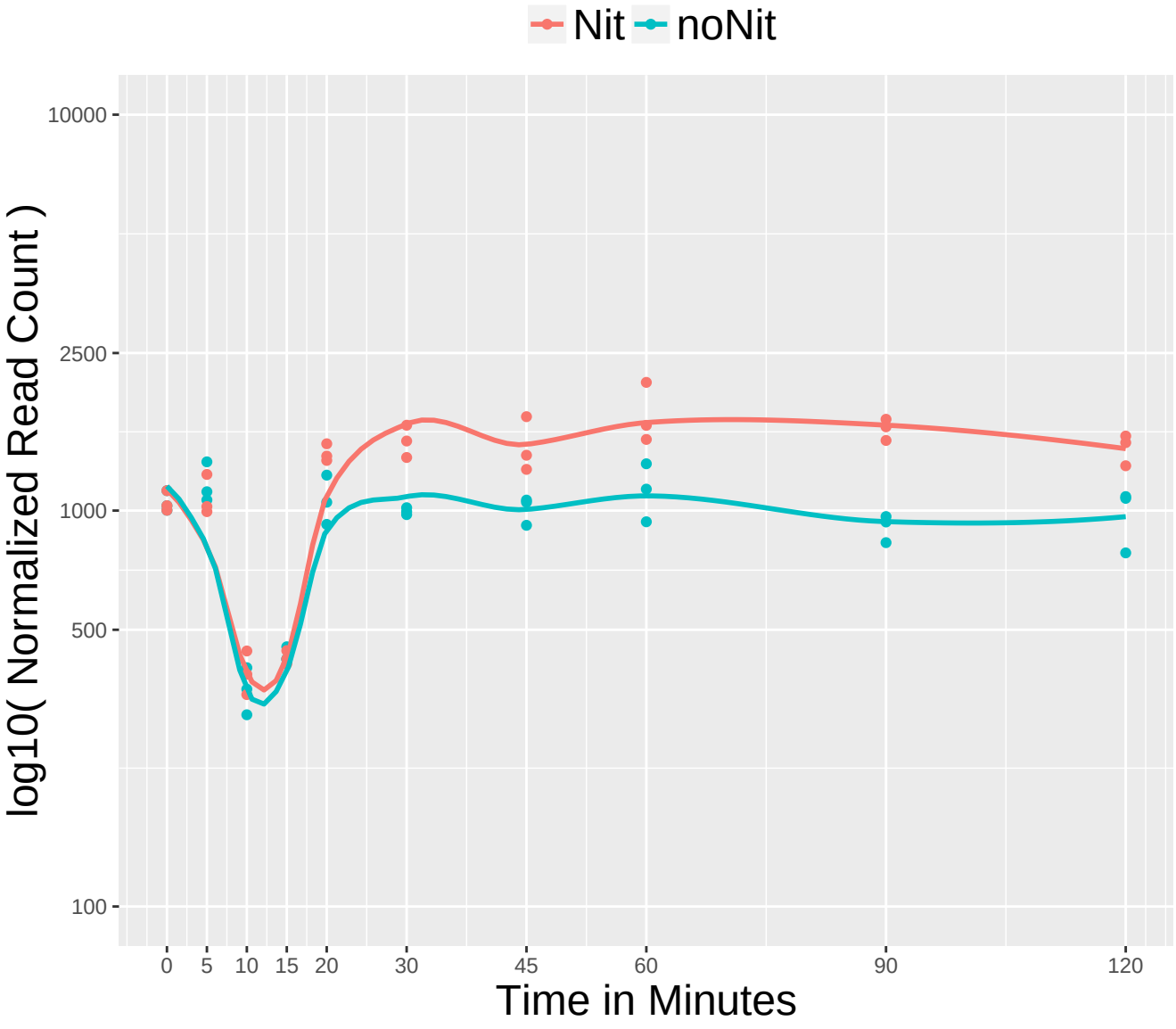
Sec14p−like



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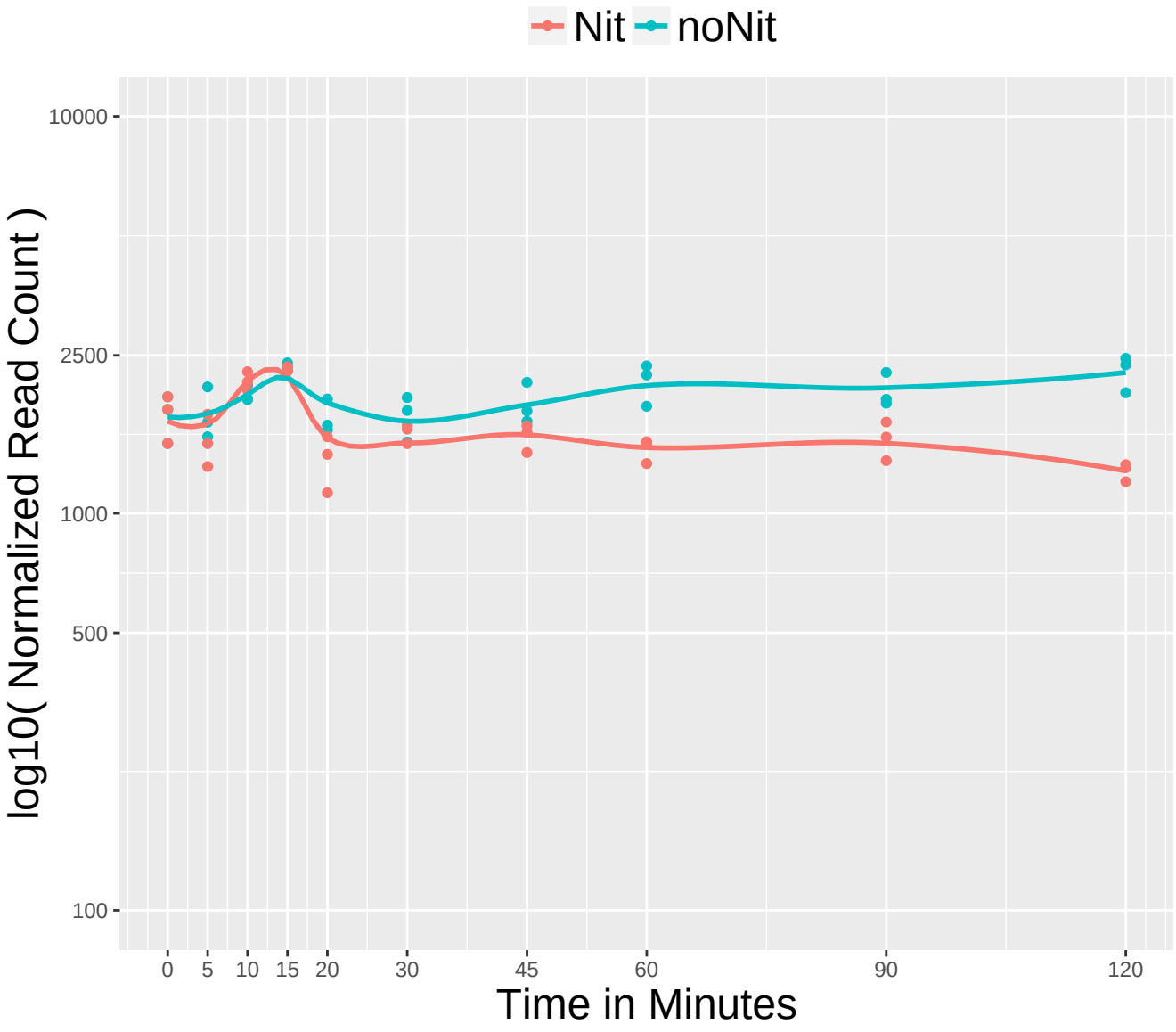
ATVIIIA,MYOSIN



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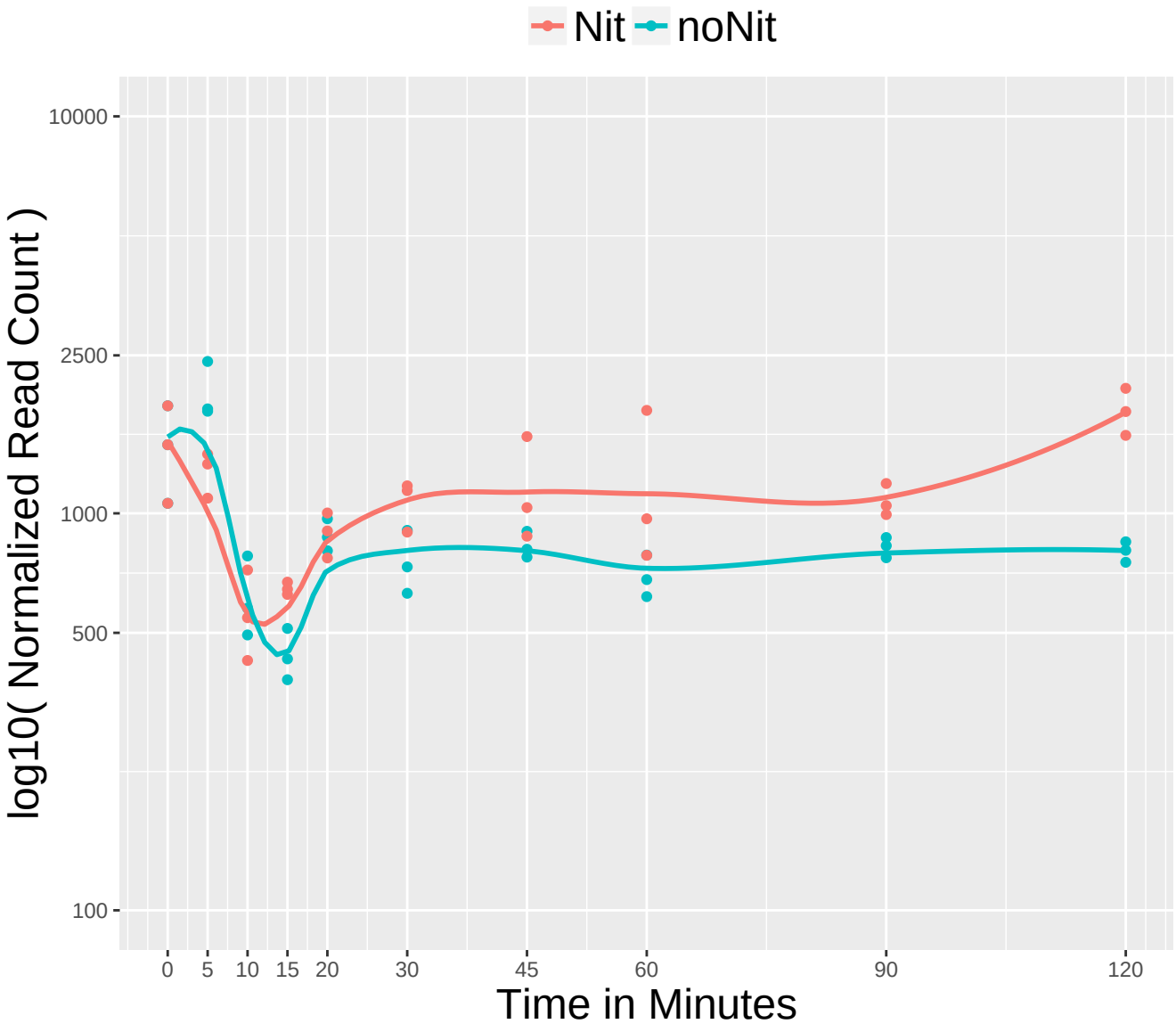
ATBCA6,A.



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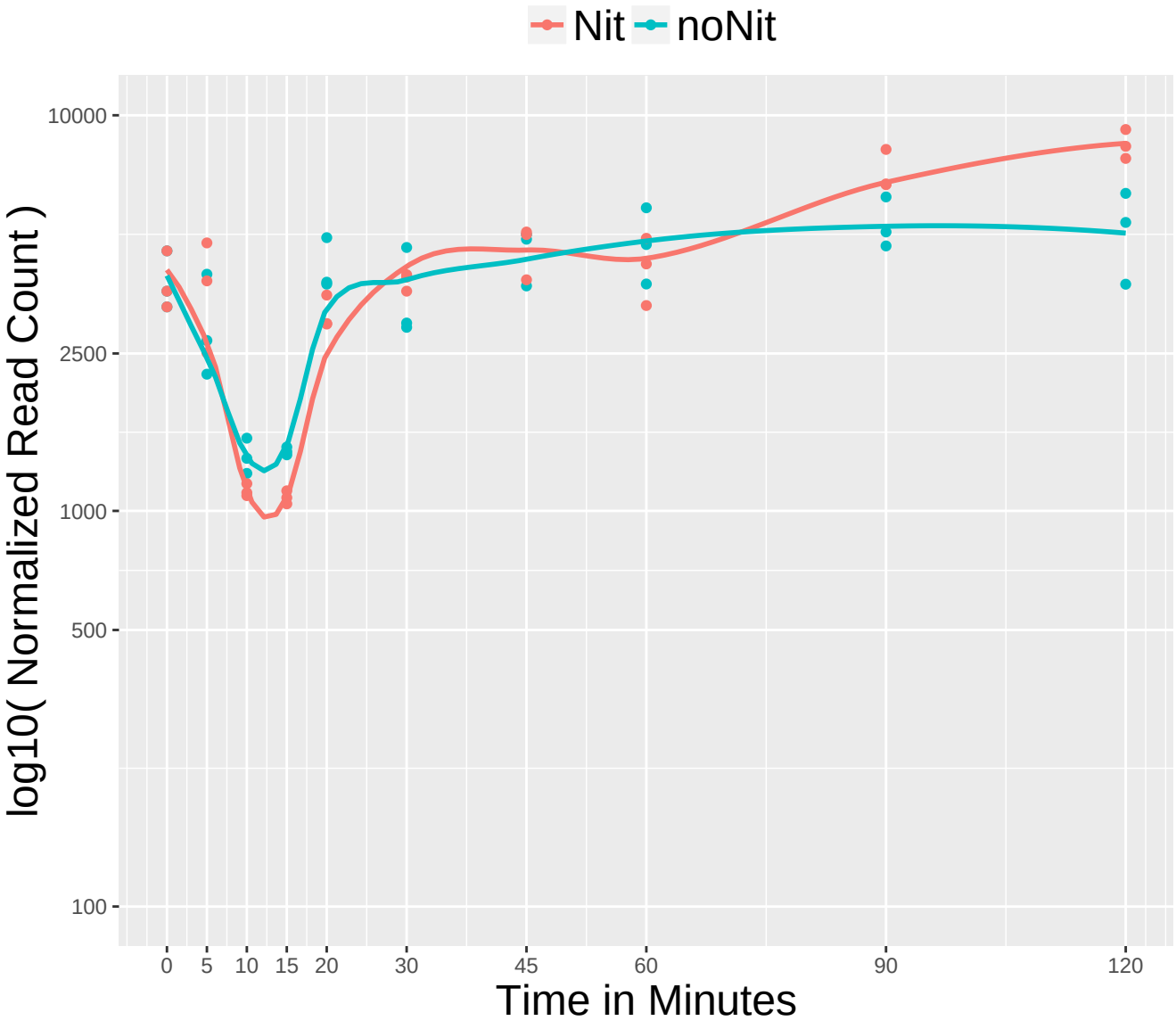

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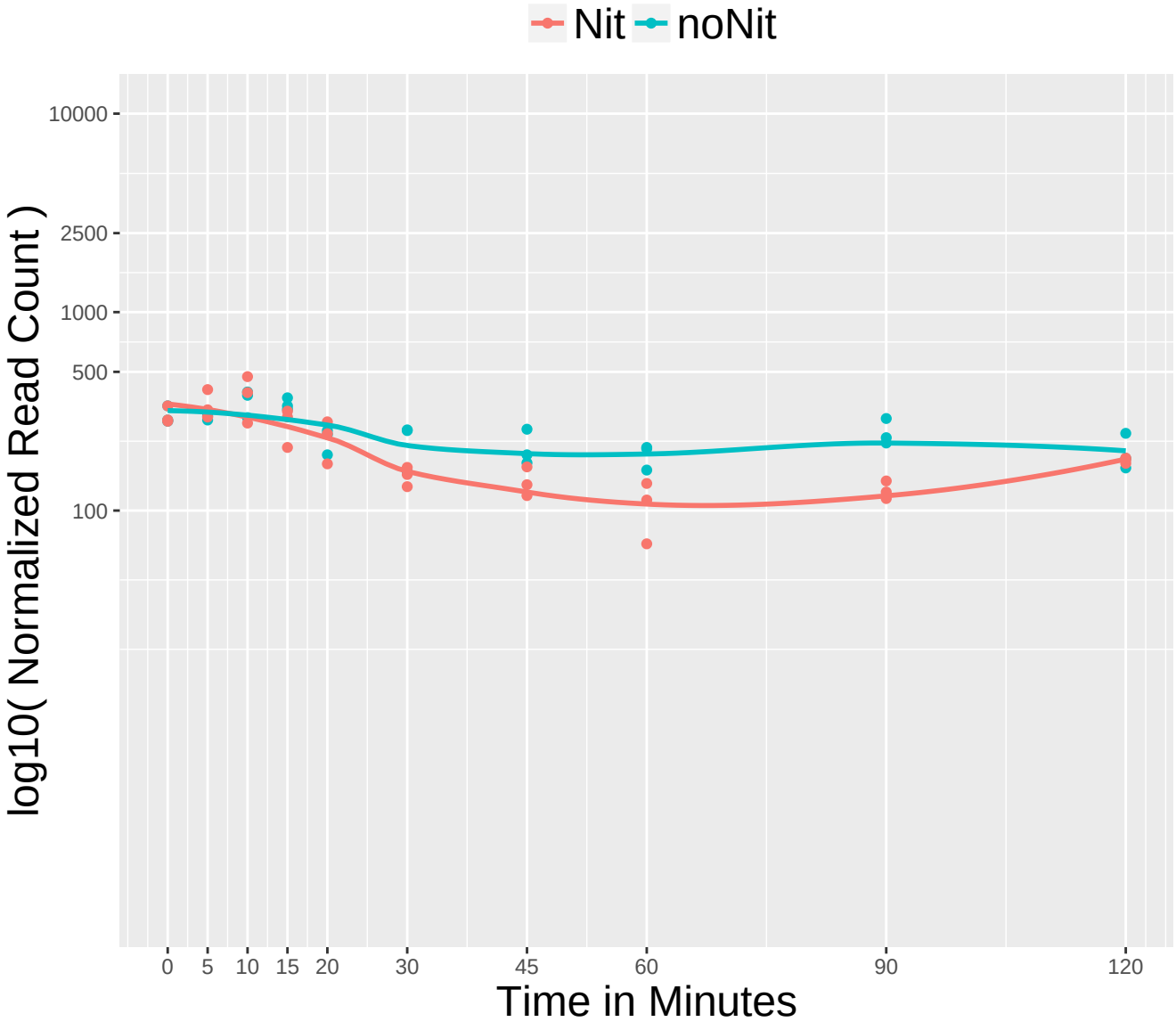
SAUR8,SMALL



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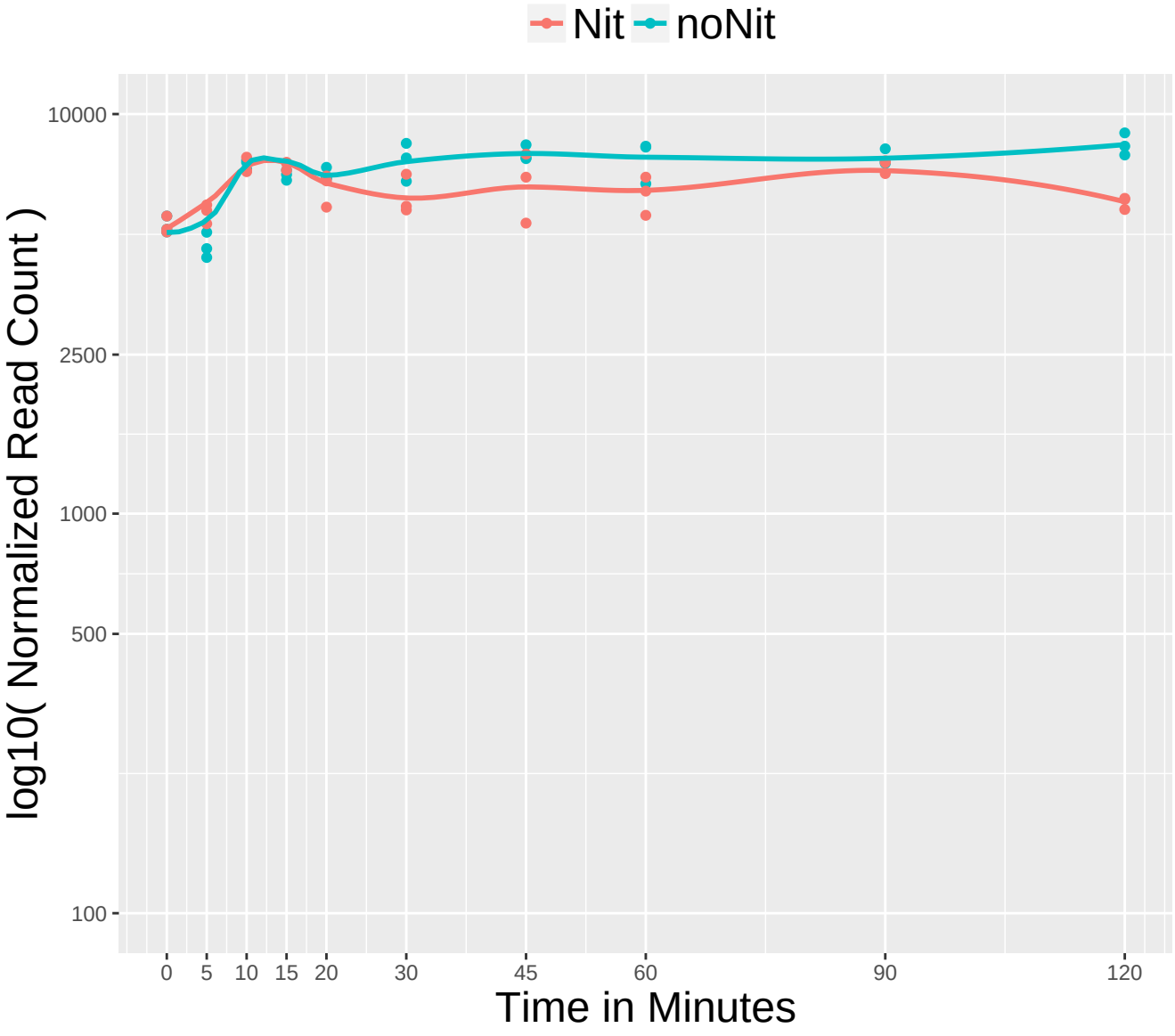

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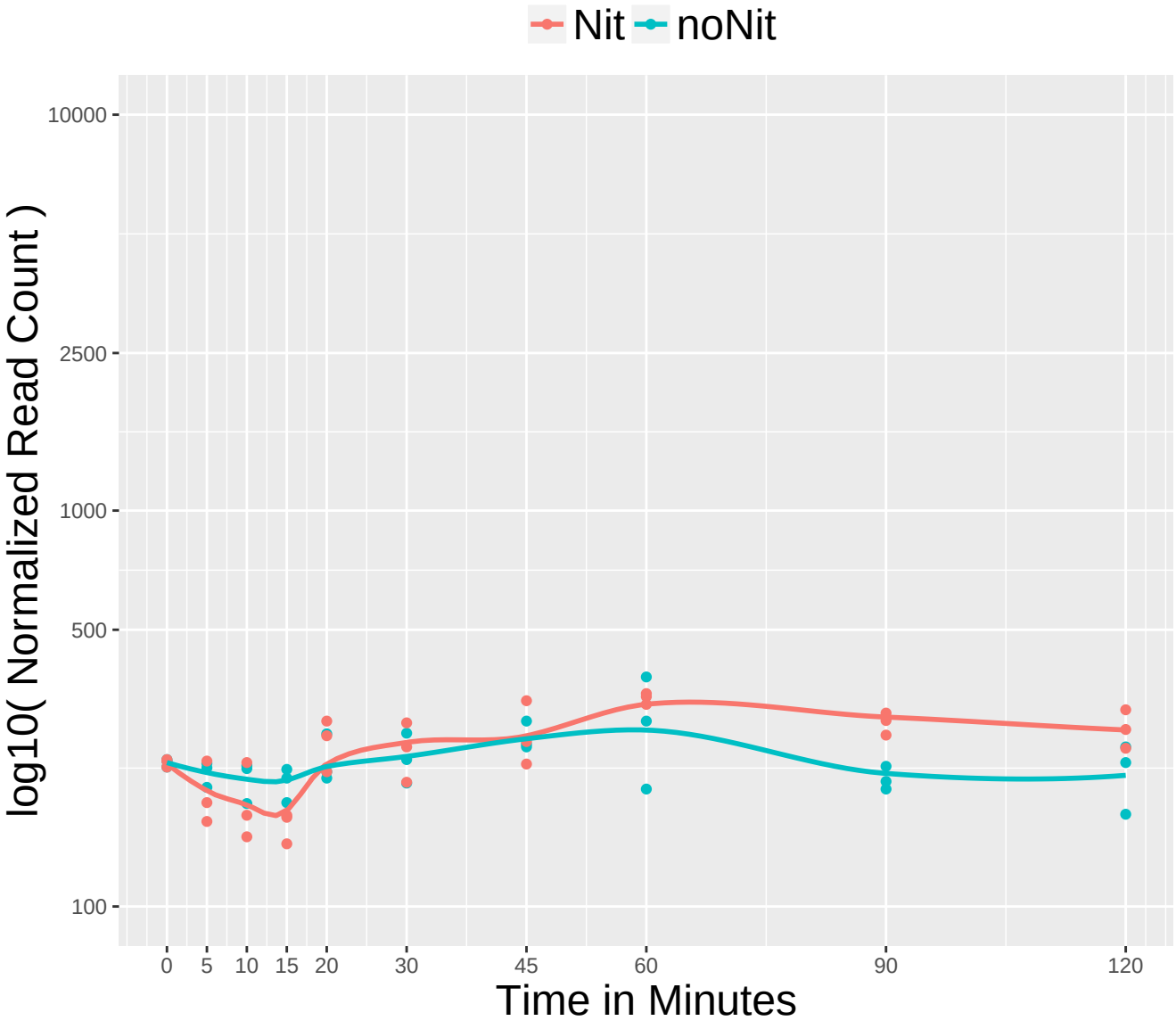

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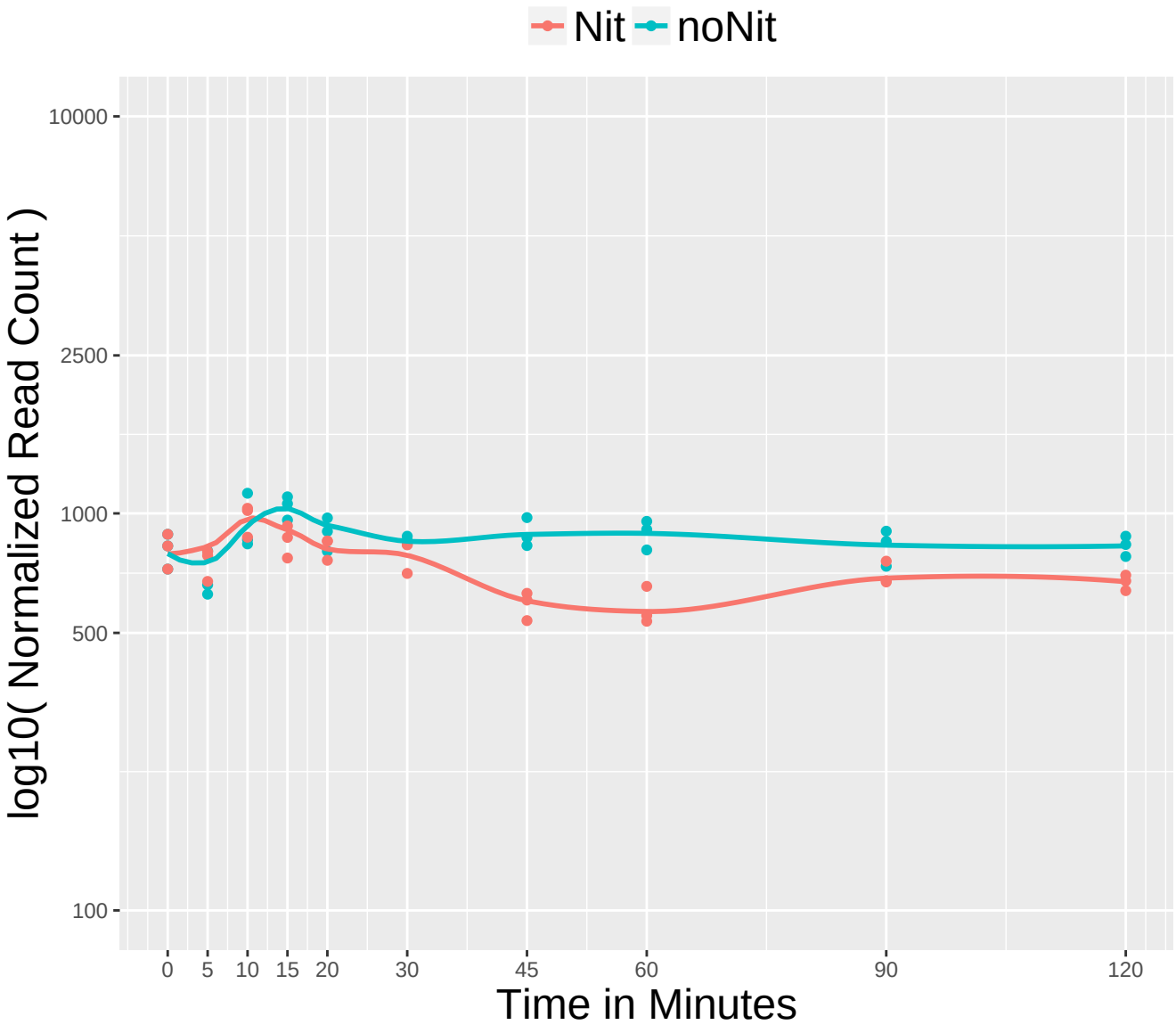
ATINT1,INOSITOL



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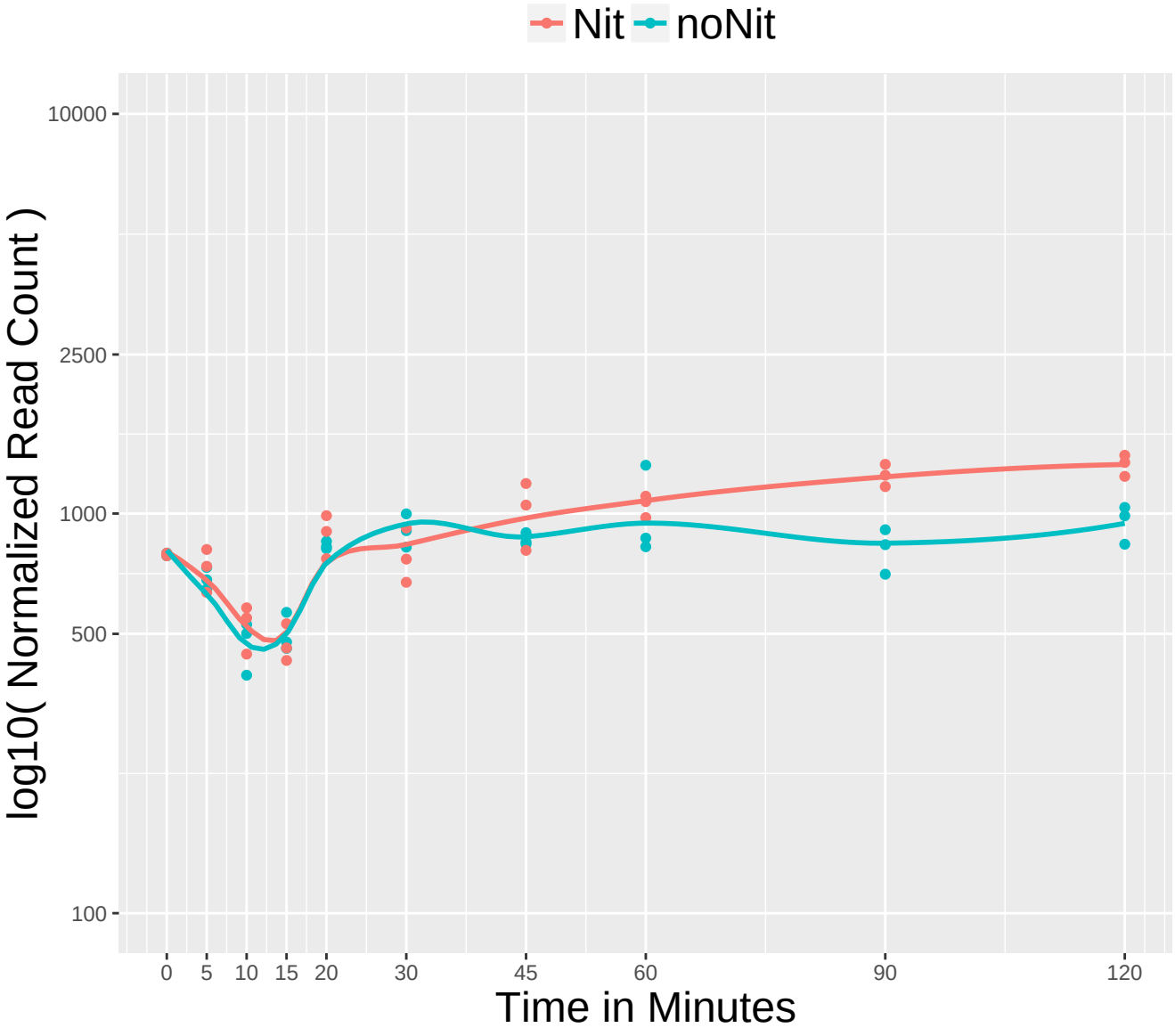

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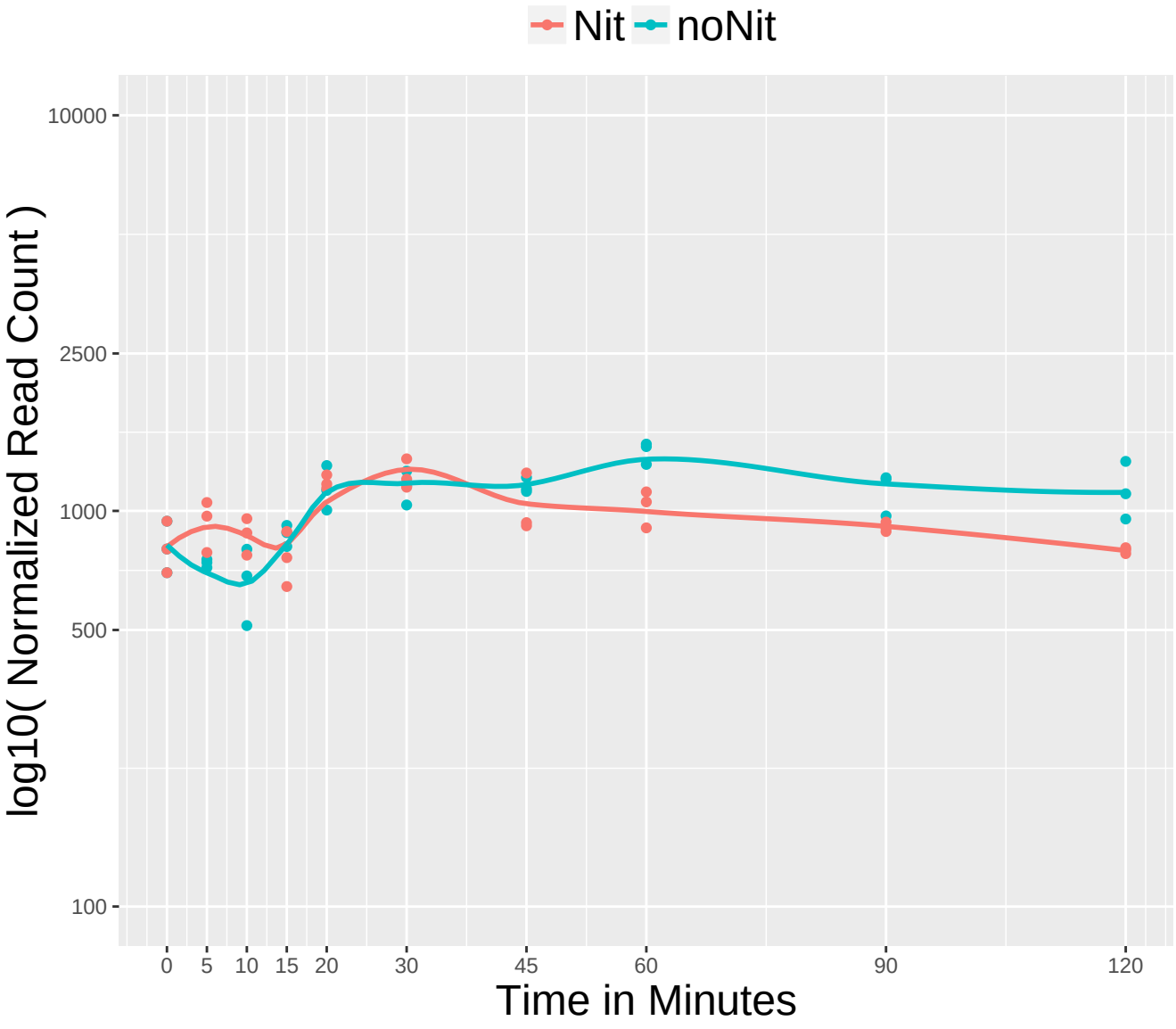
DGD2,digalactosyl



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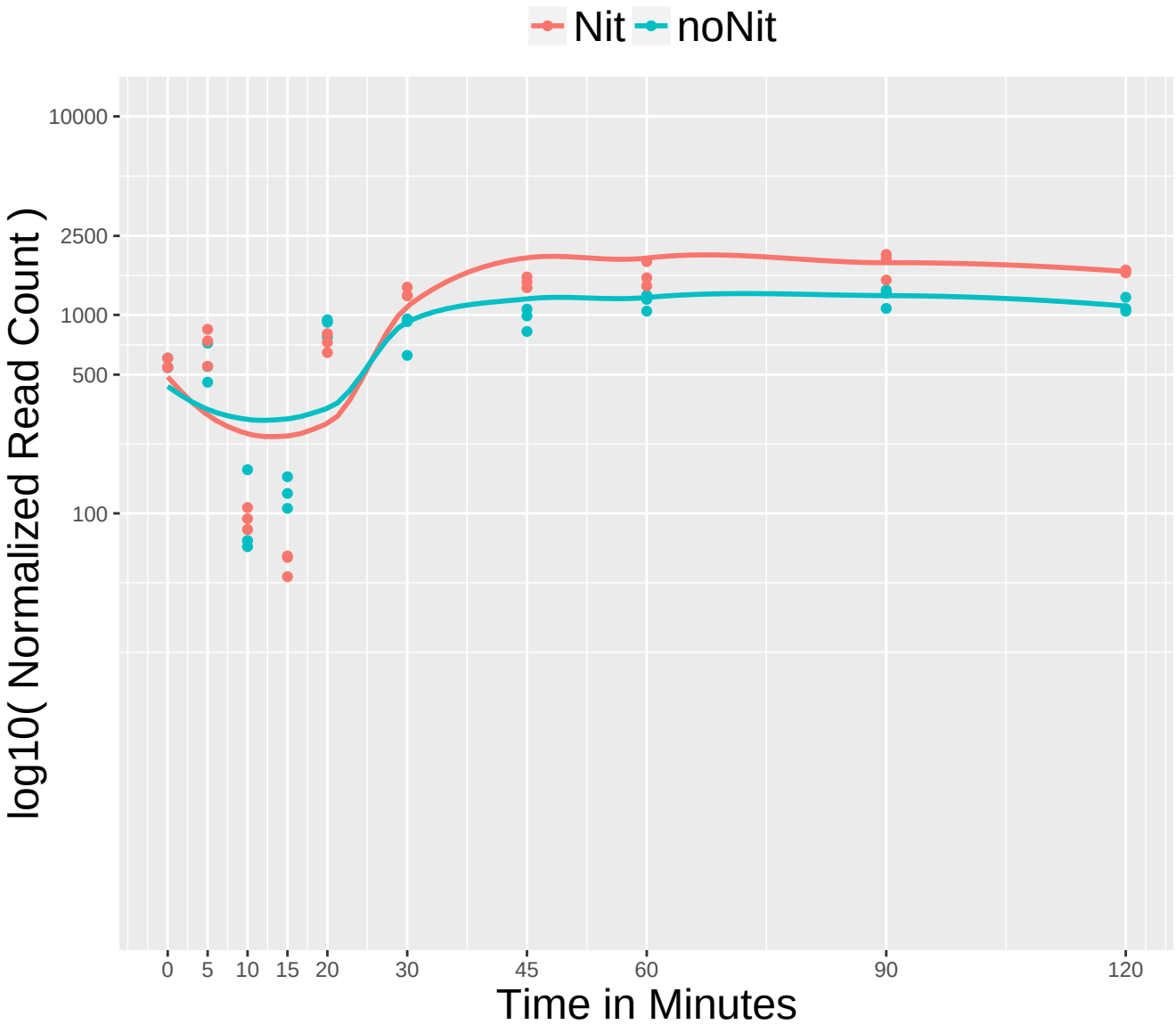

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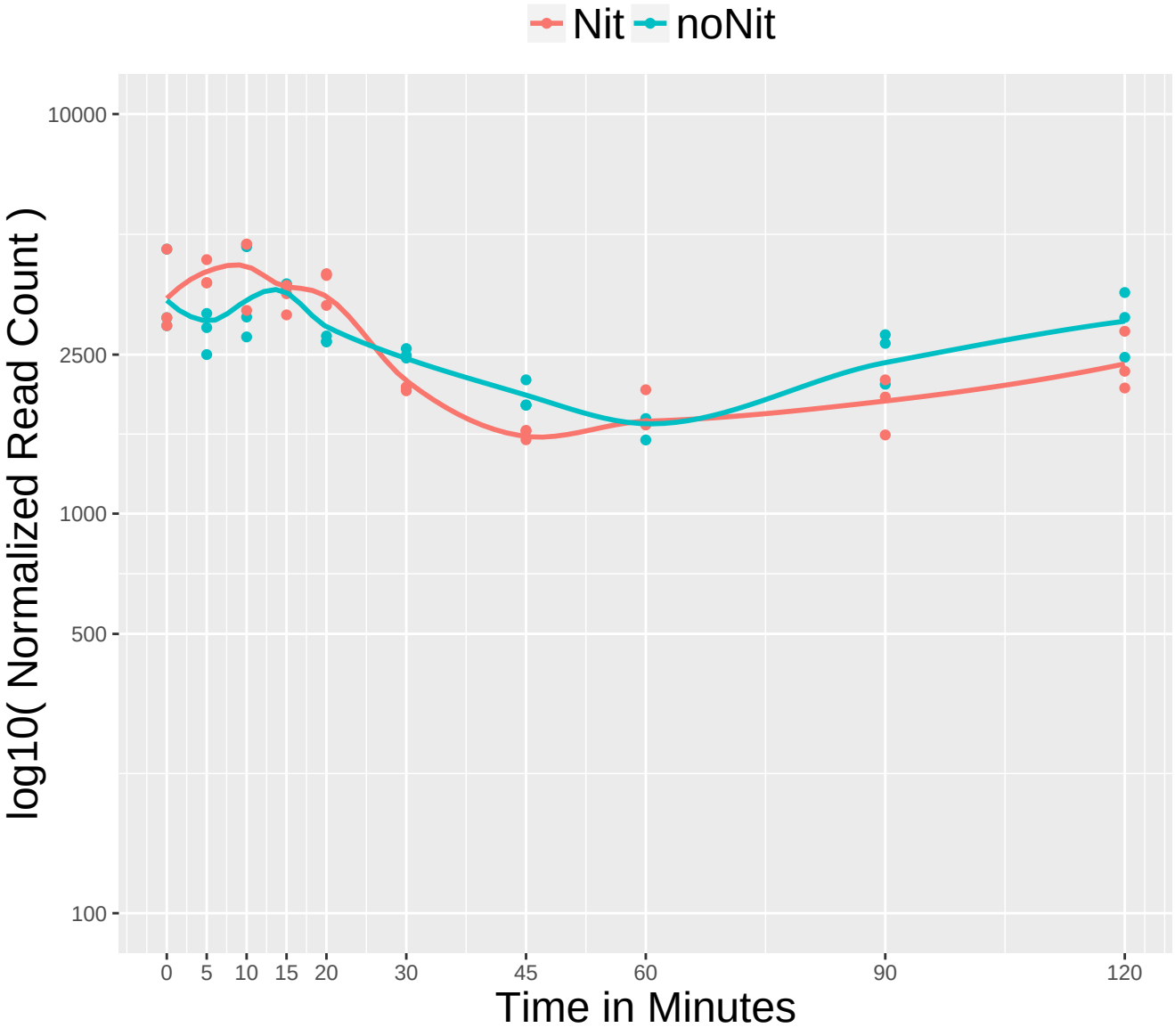
Lactate/malate



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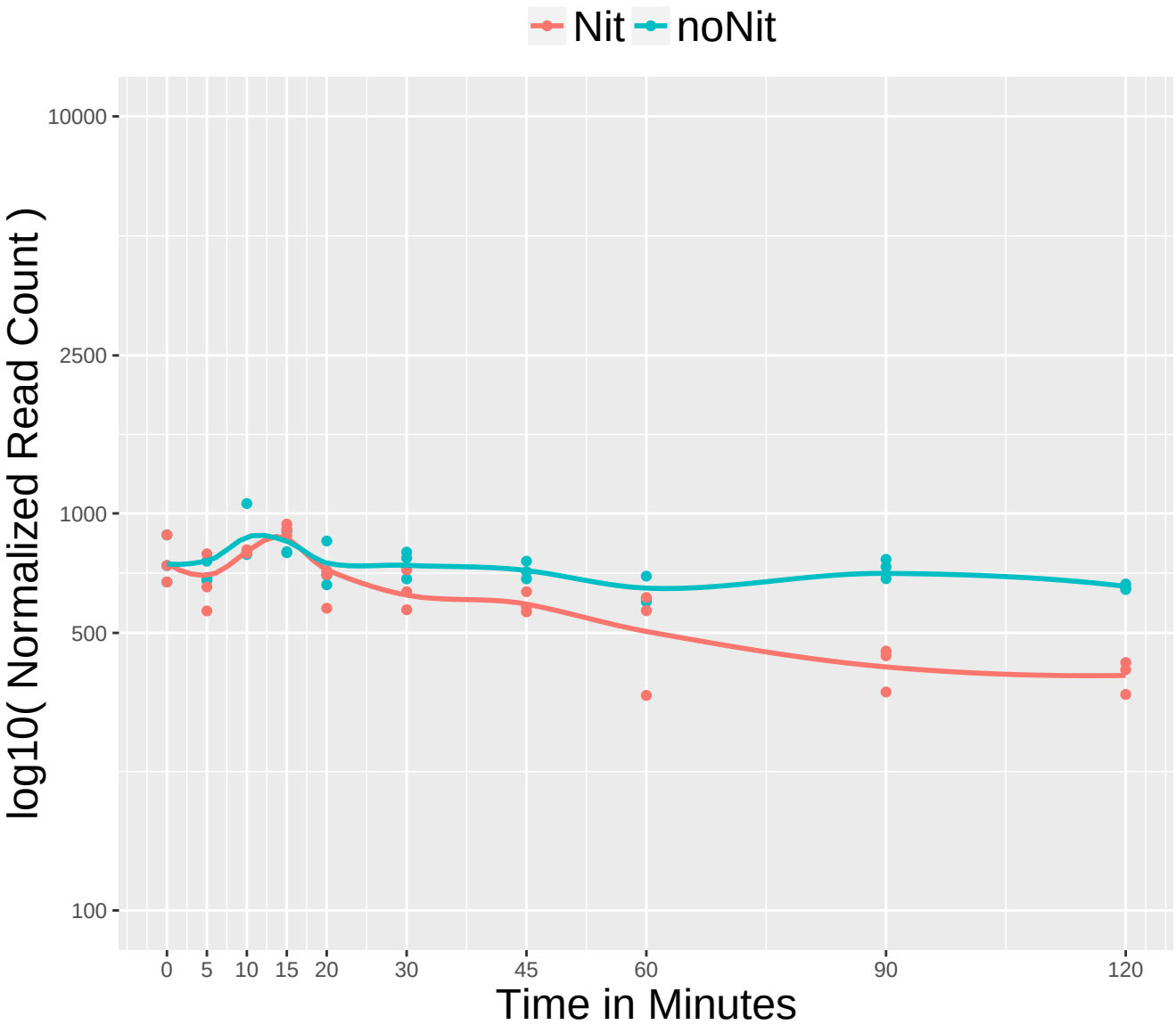
TBL24,TRICHOME



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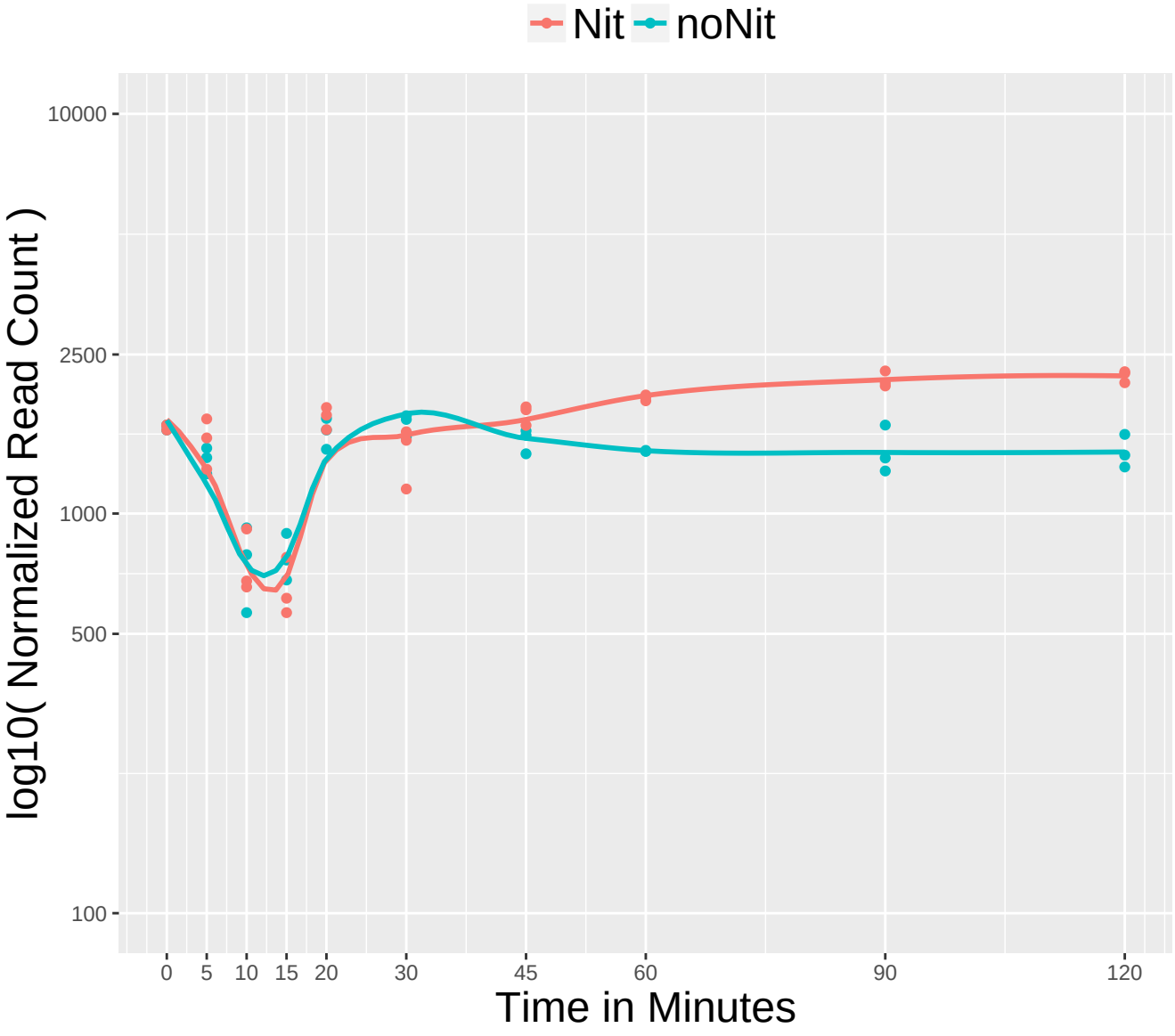

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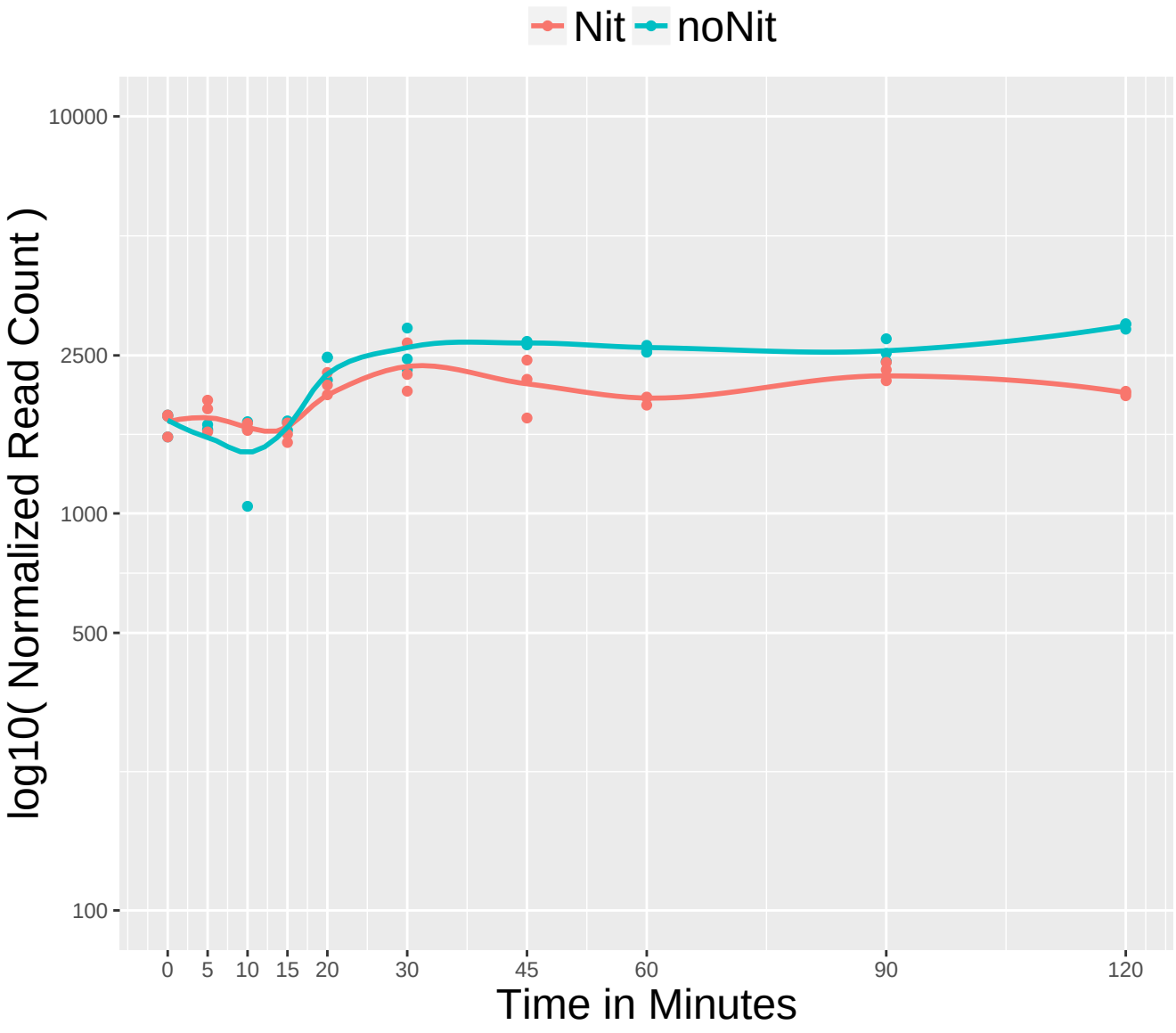
GLT1,GLUCOSE



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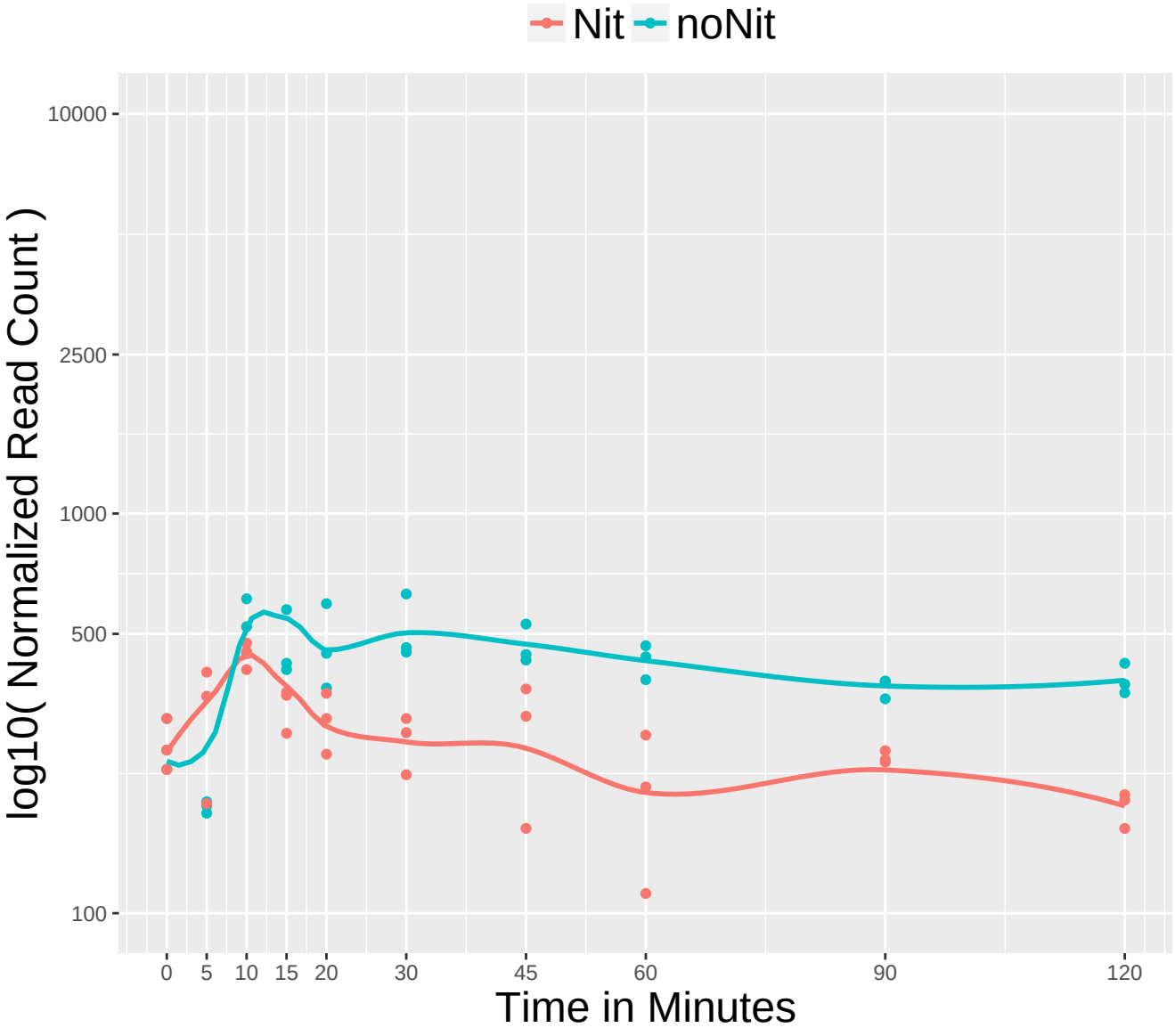

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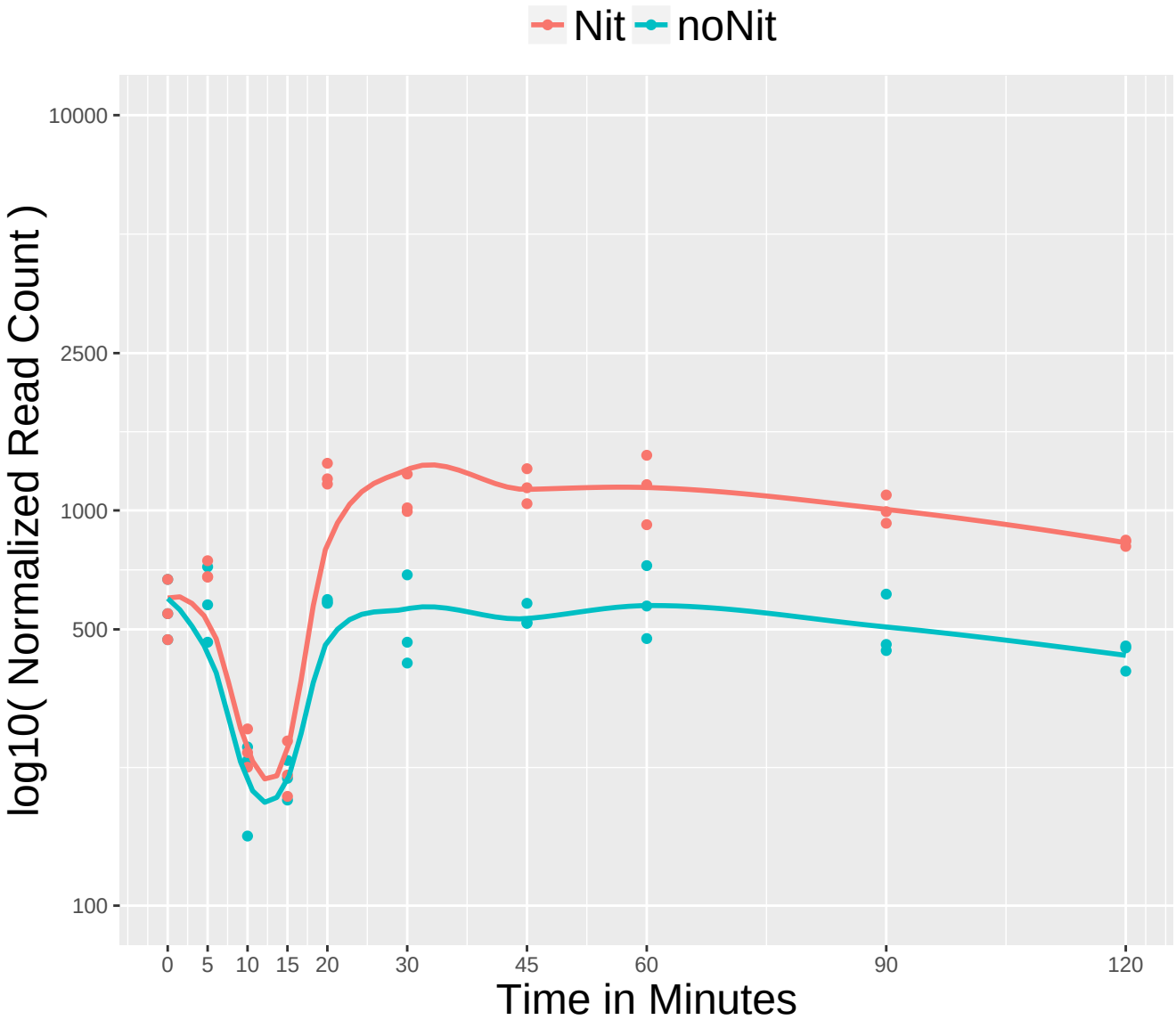
beta−1,4−N−acetylglucosaminyltransferase



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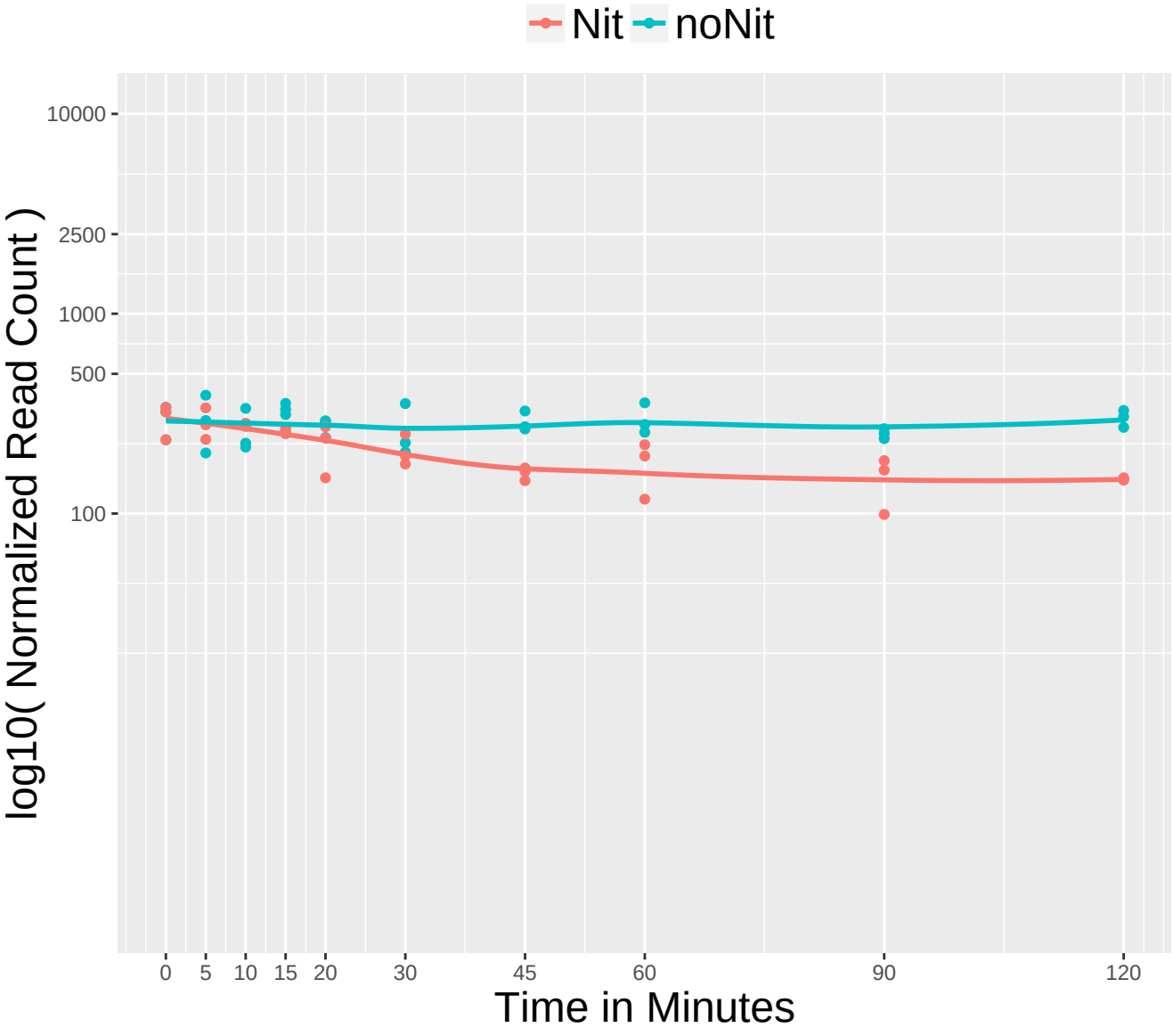

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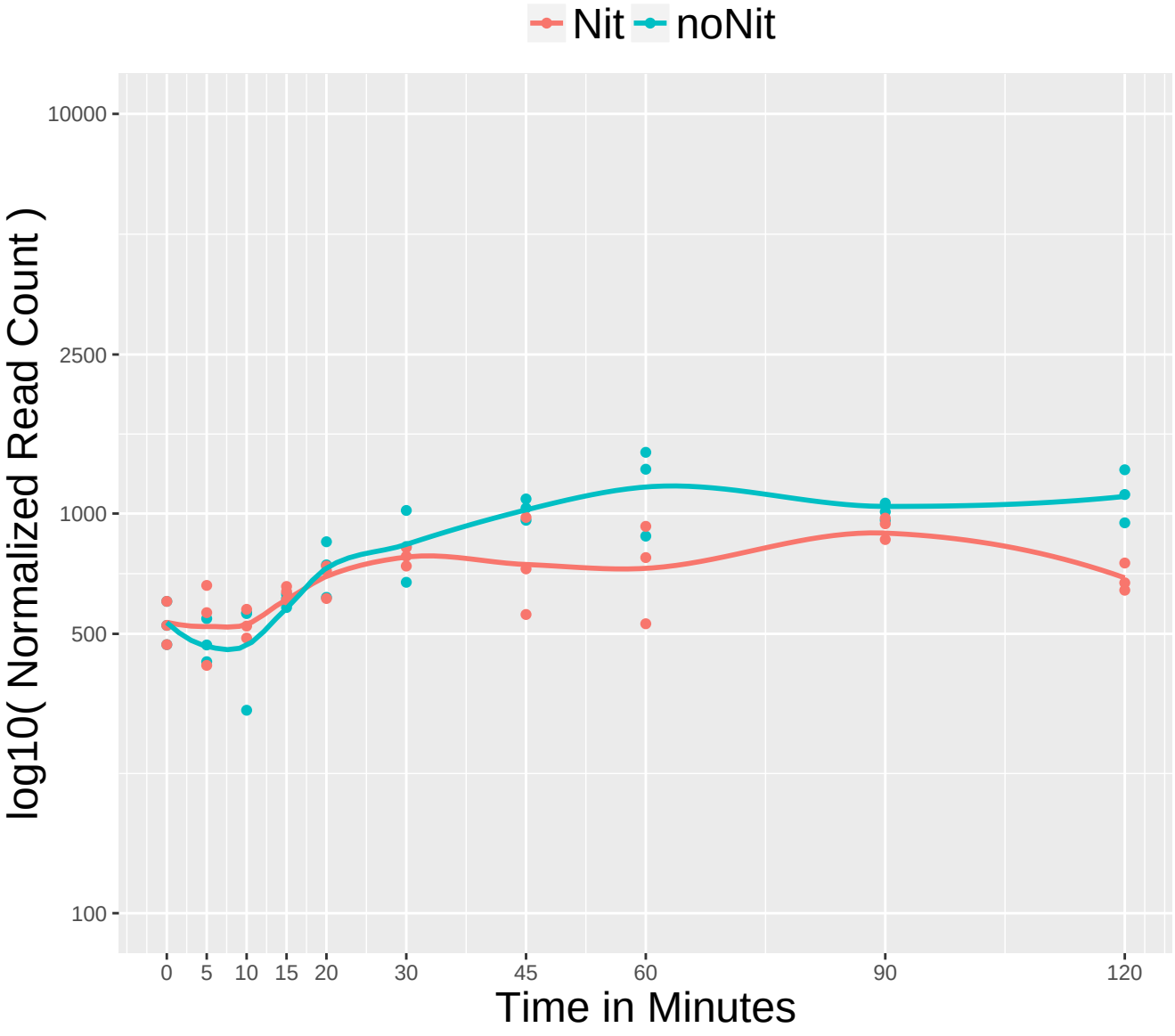
B−block



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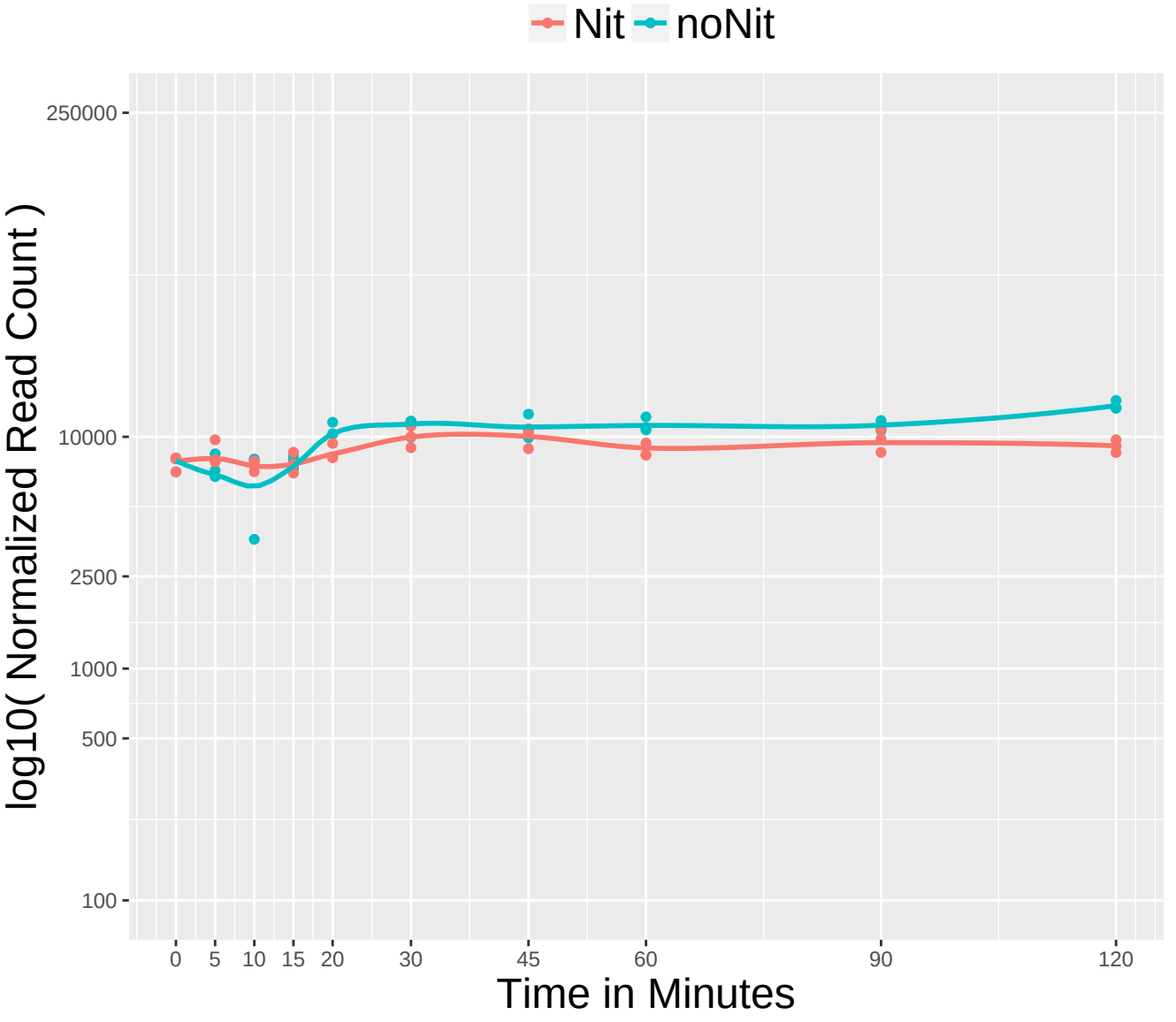
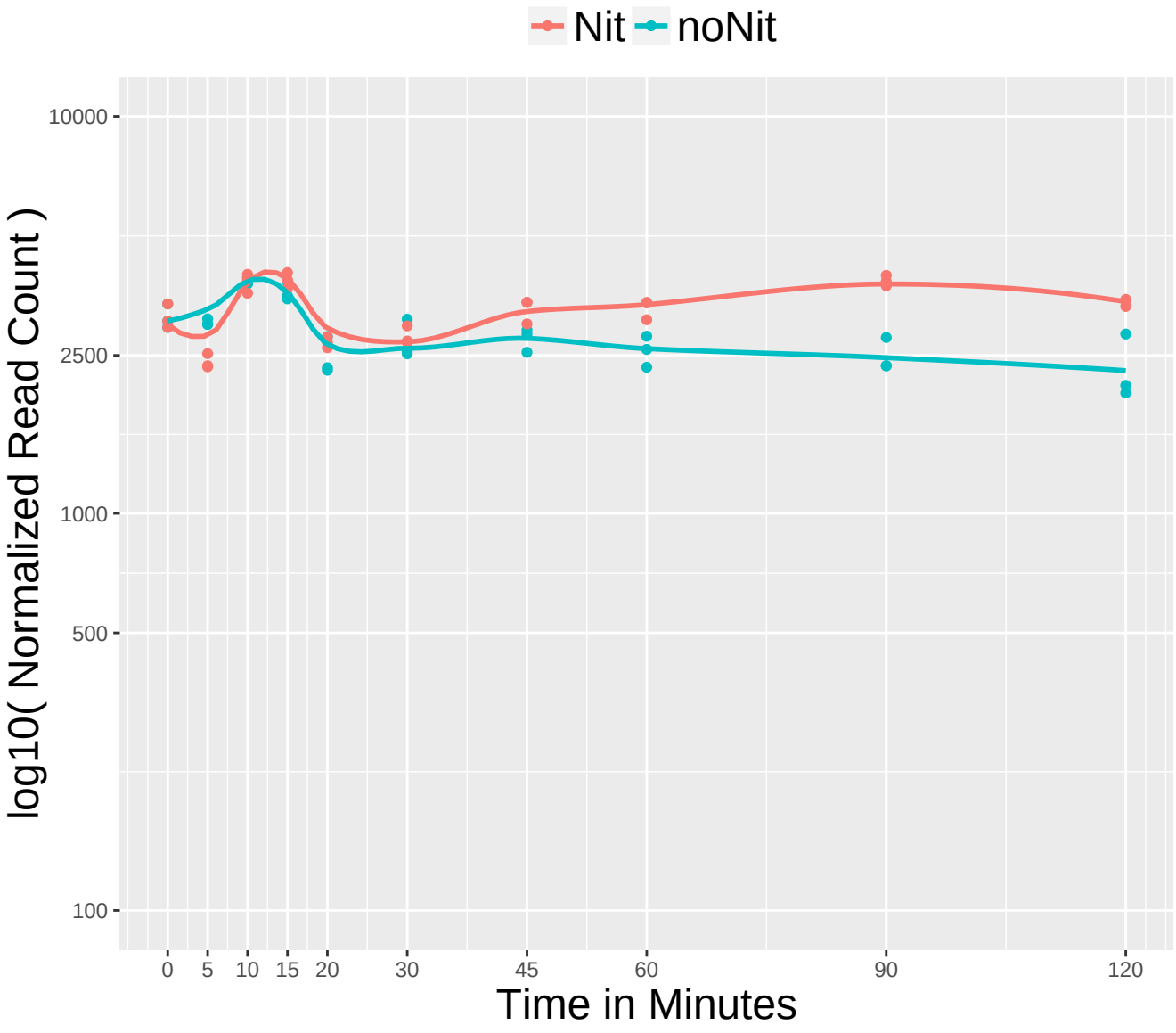
ATPDI5,ARABIDOPSIS



AT2G01570

RGA,REPRESSOR



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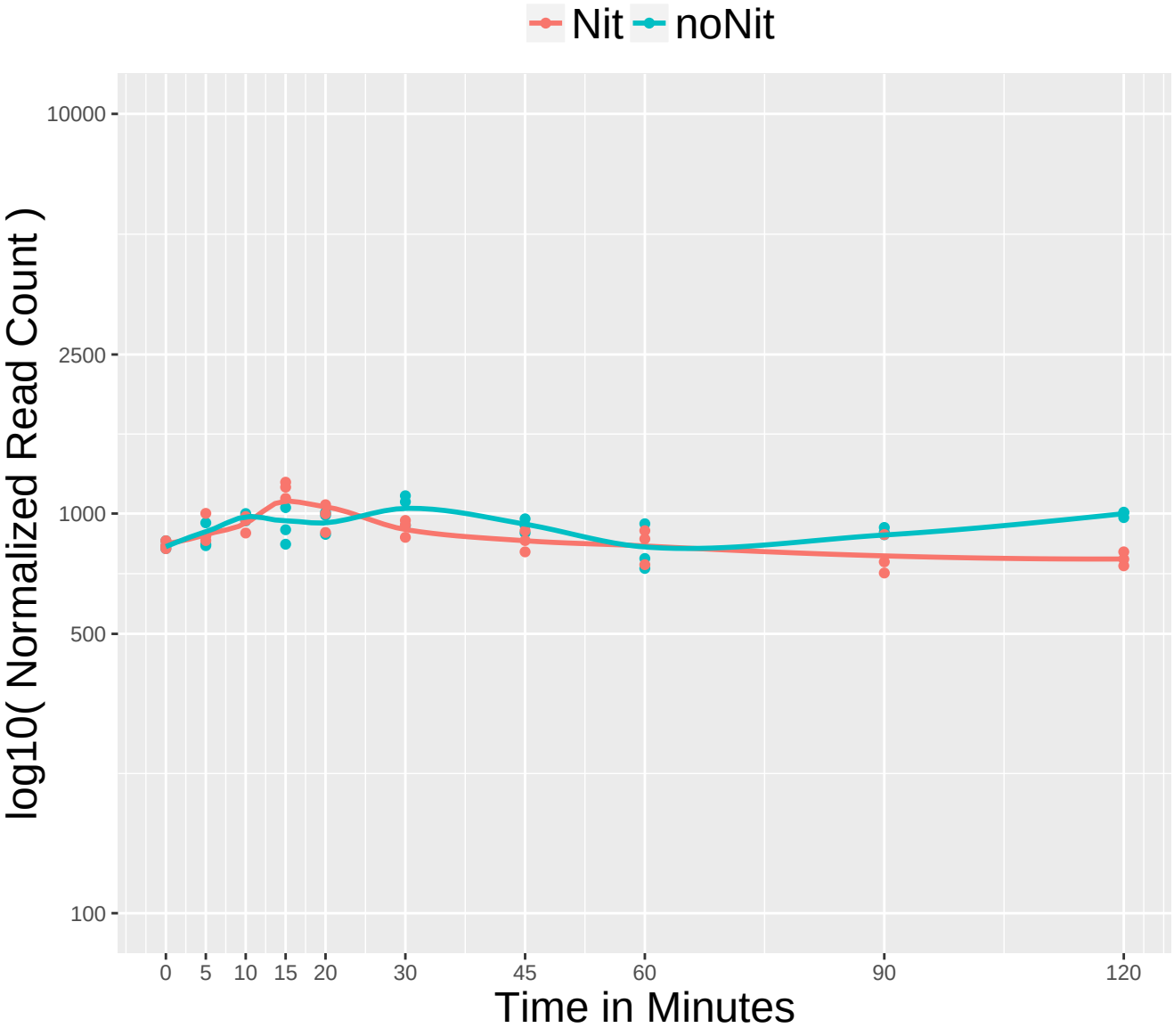

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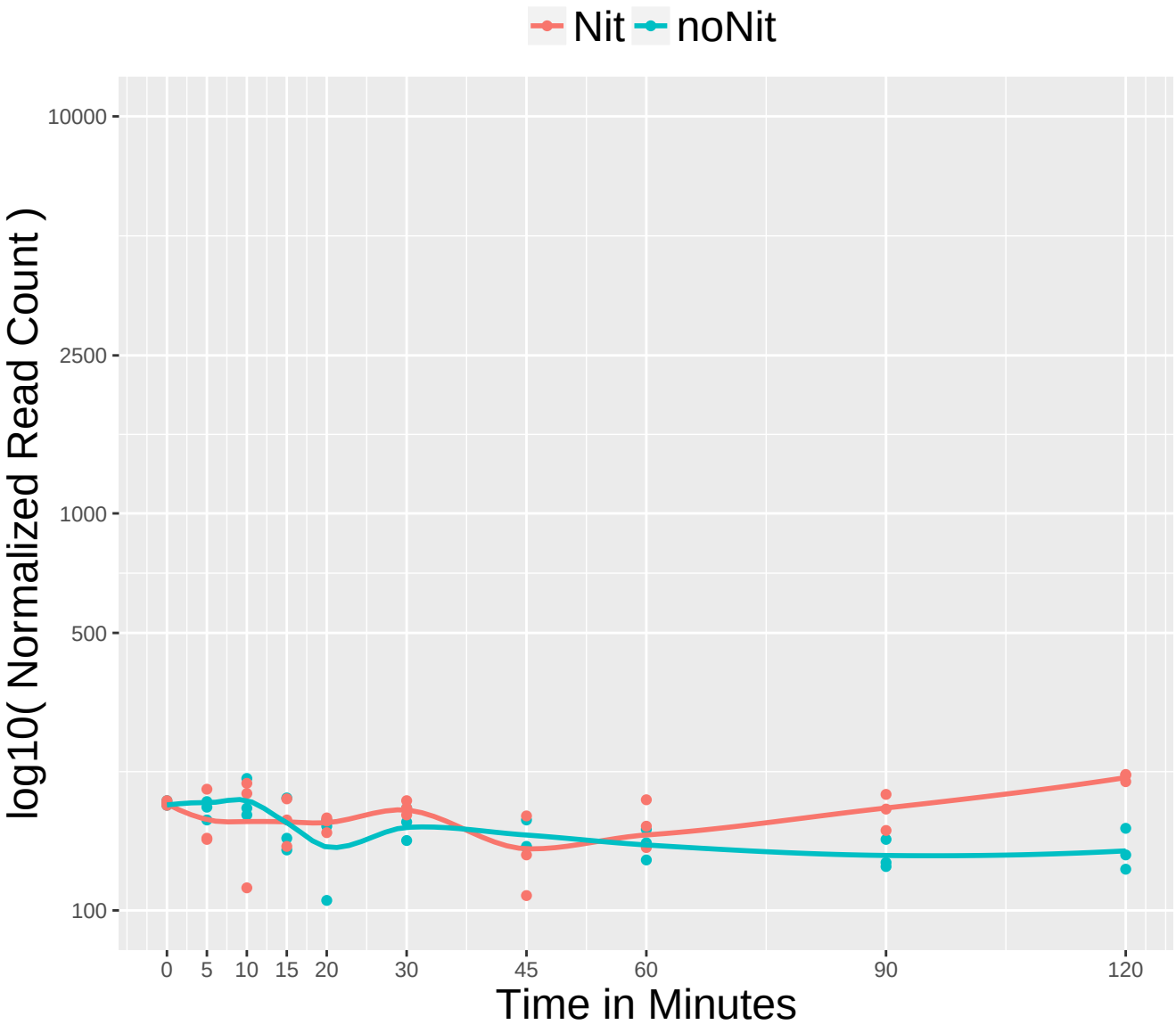

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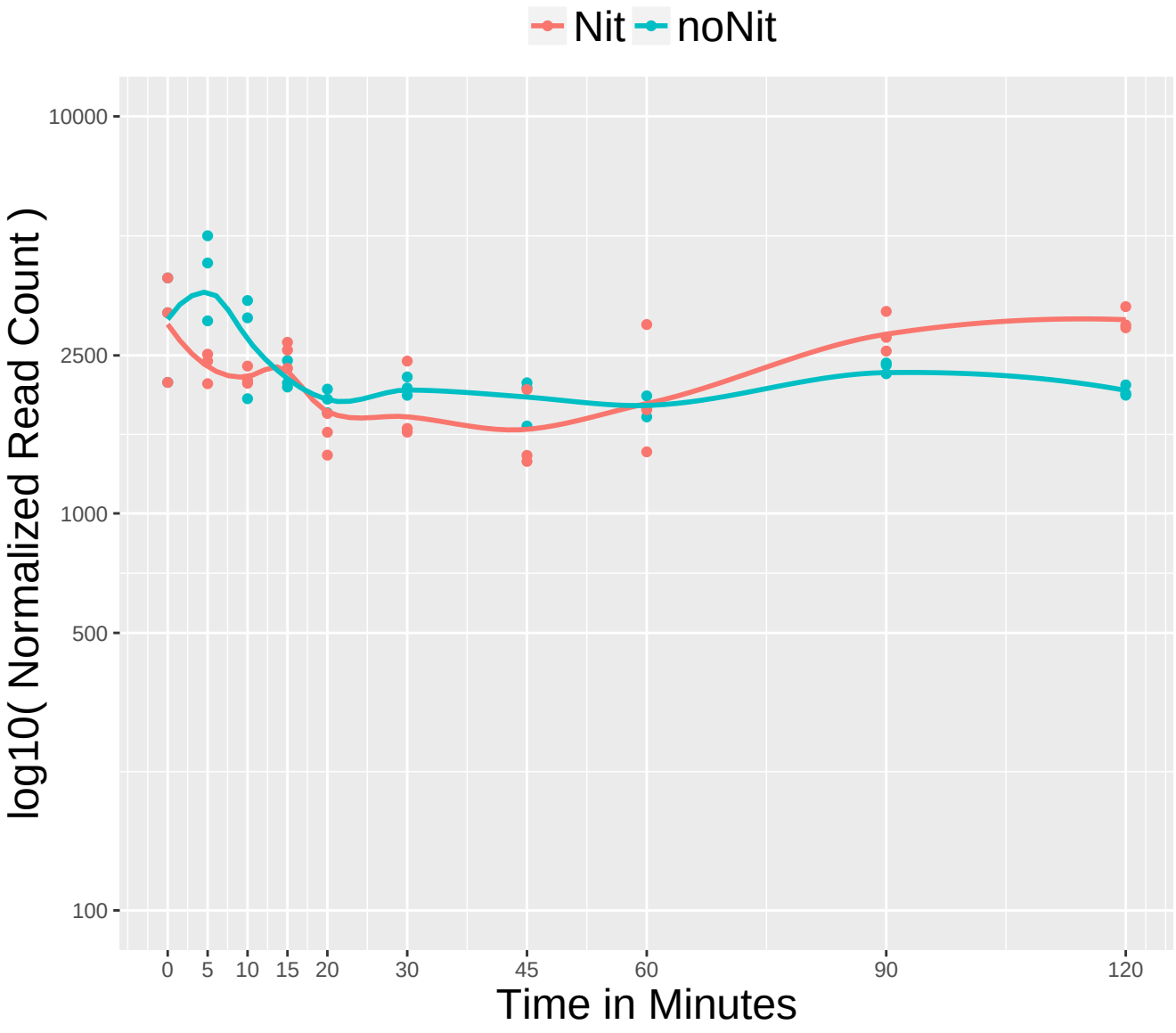

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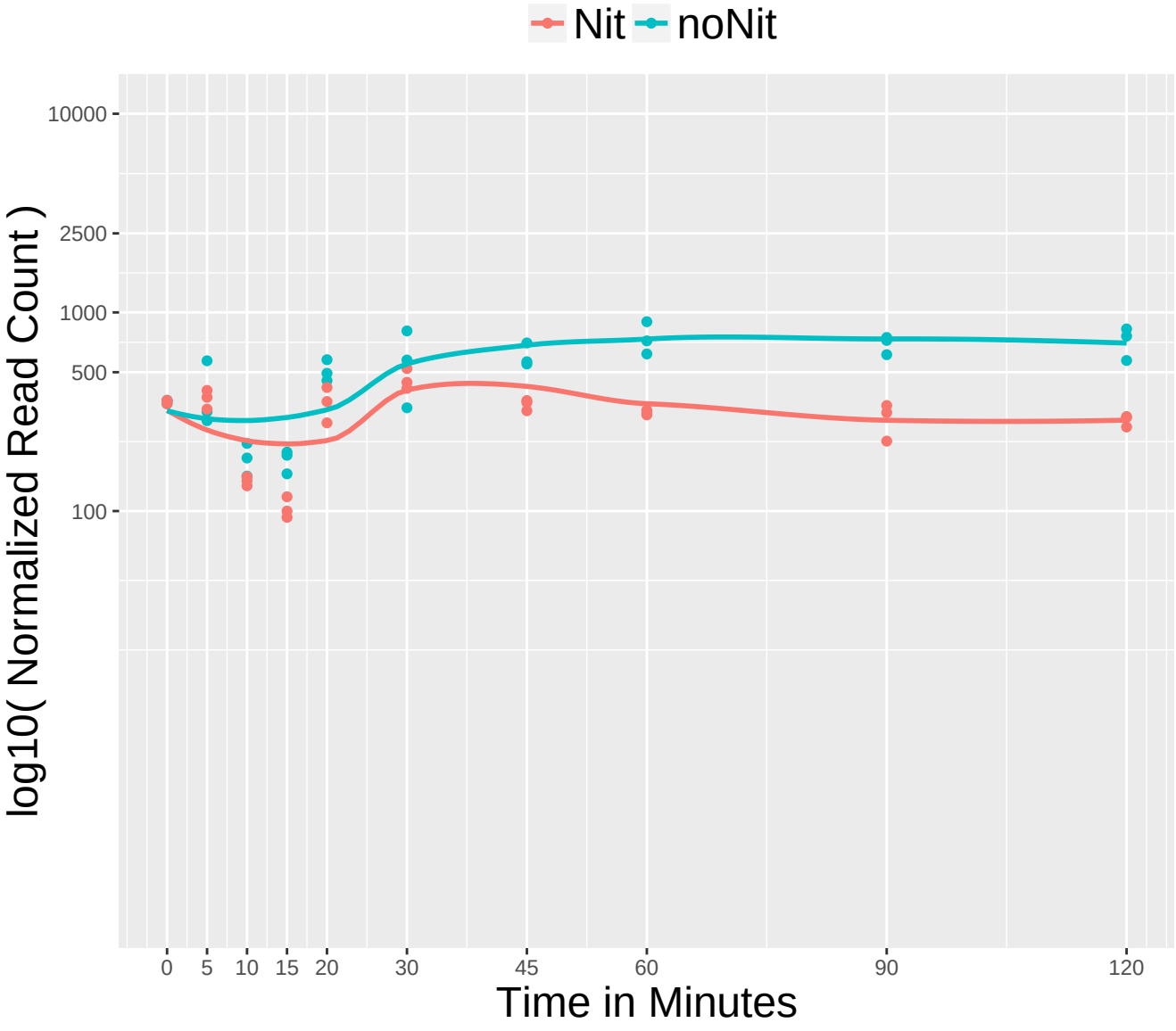

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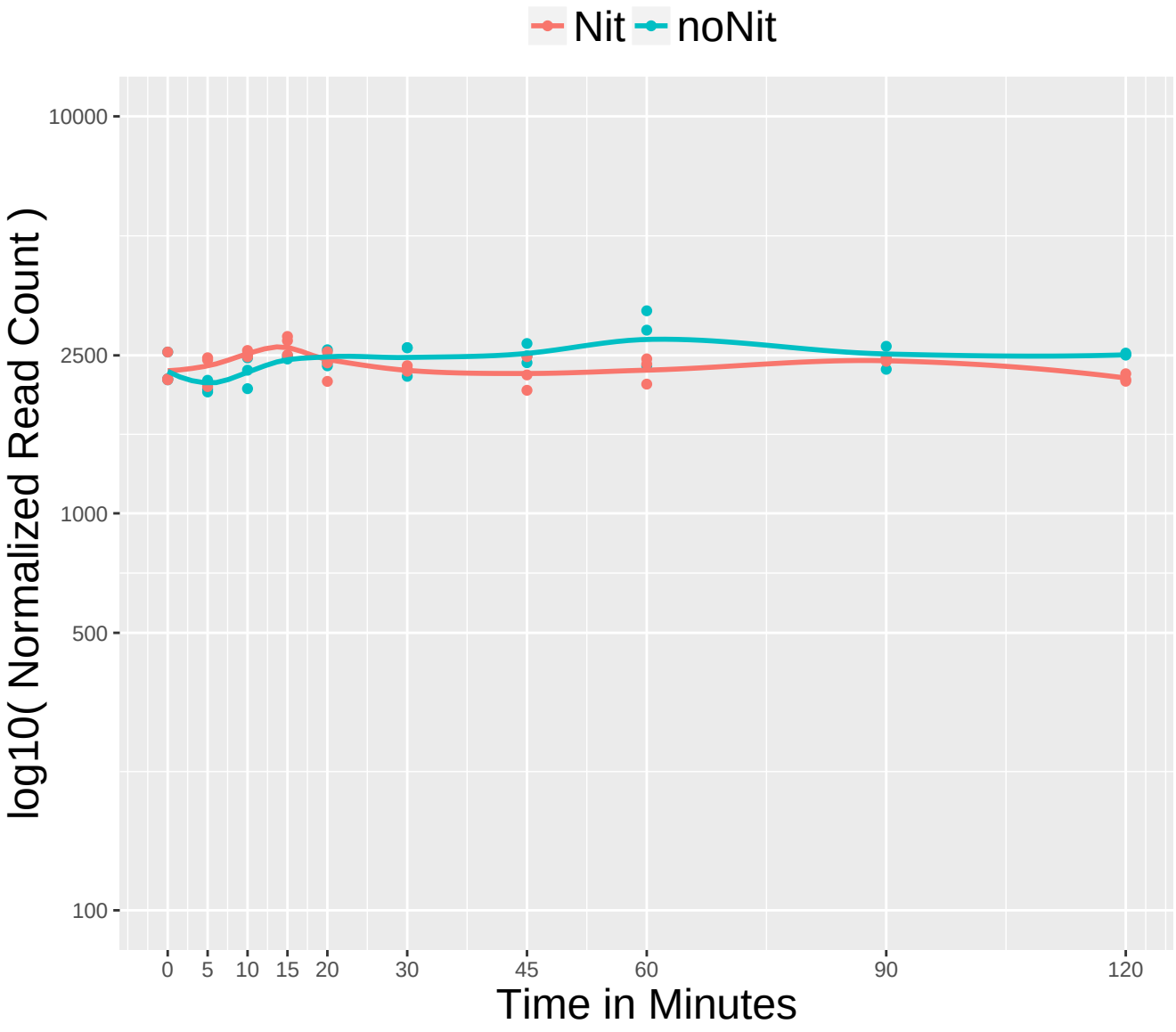
CPD45,CHLOROPLAST



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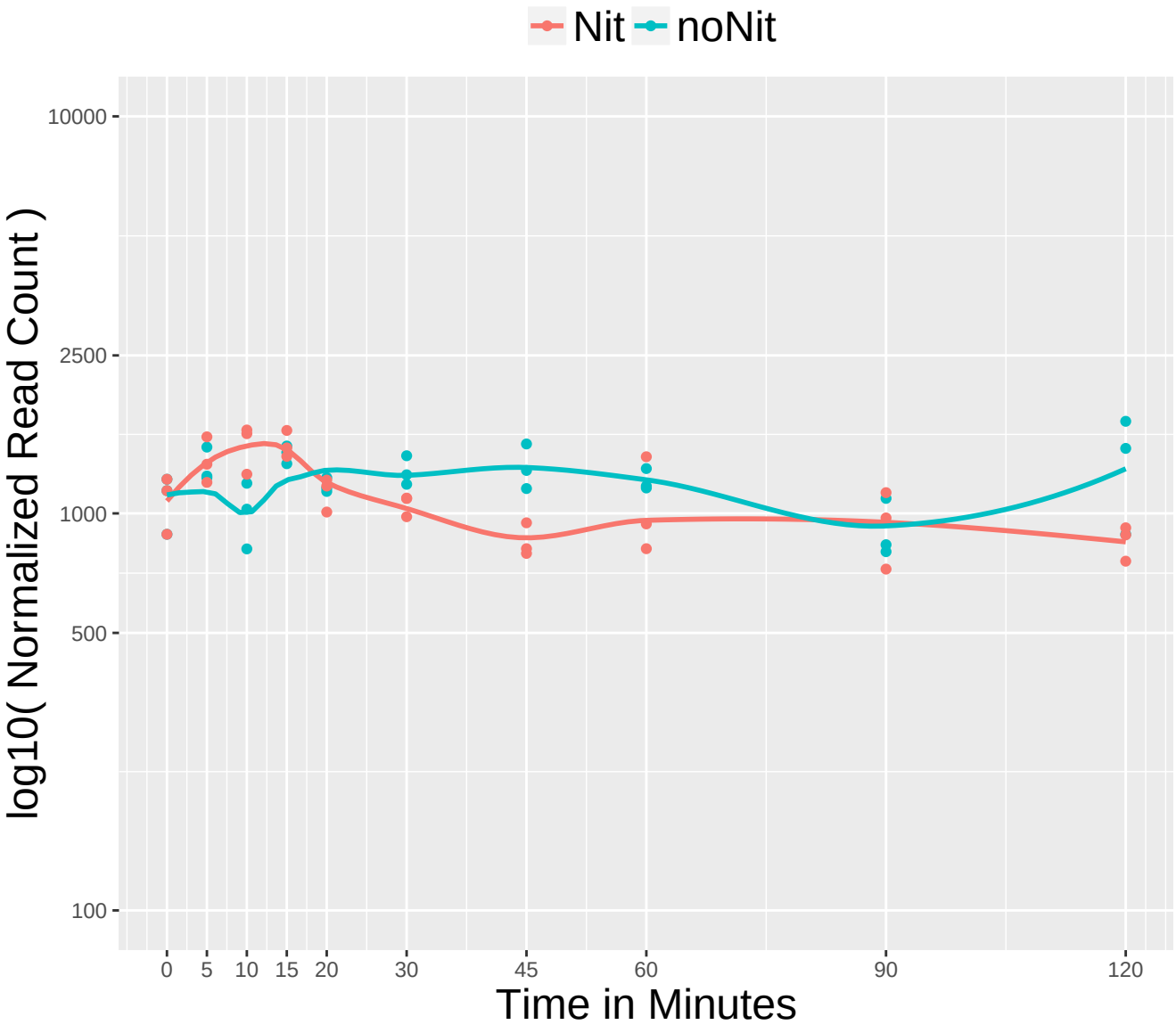

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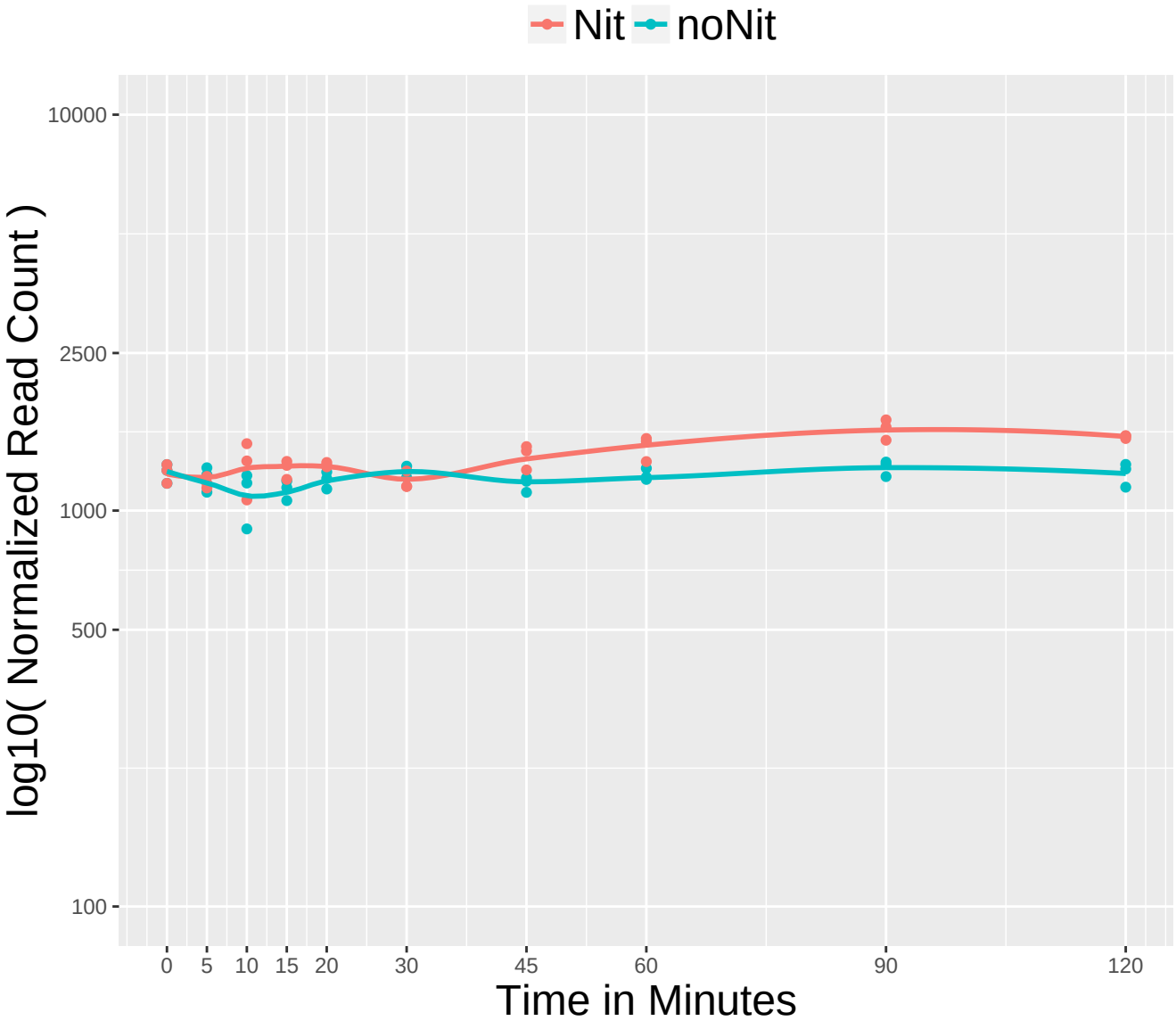
Ubiquitin



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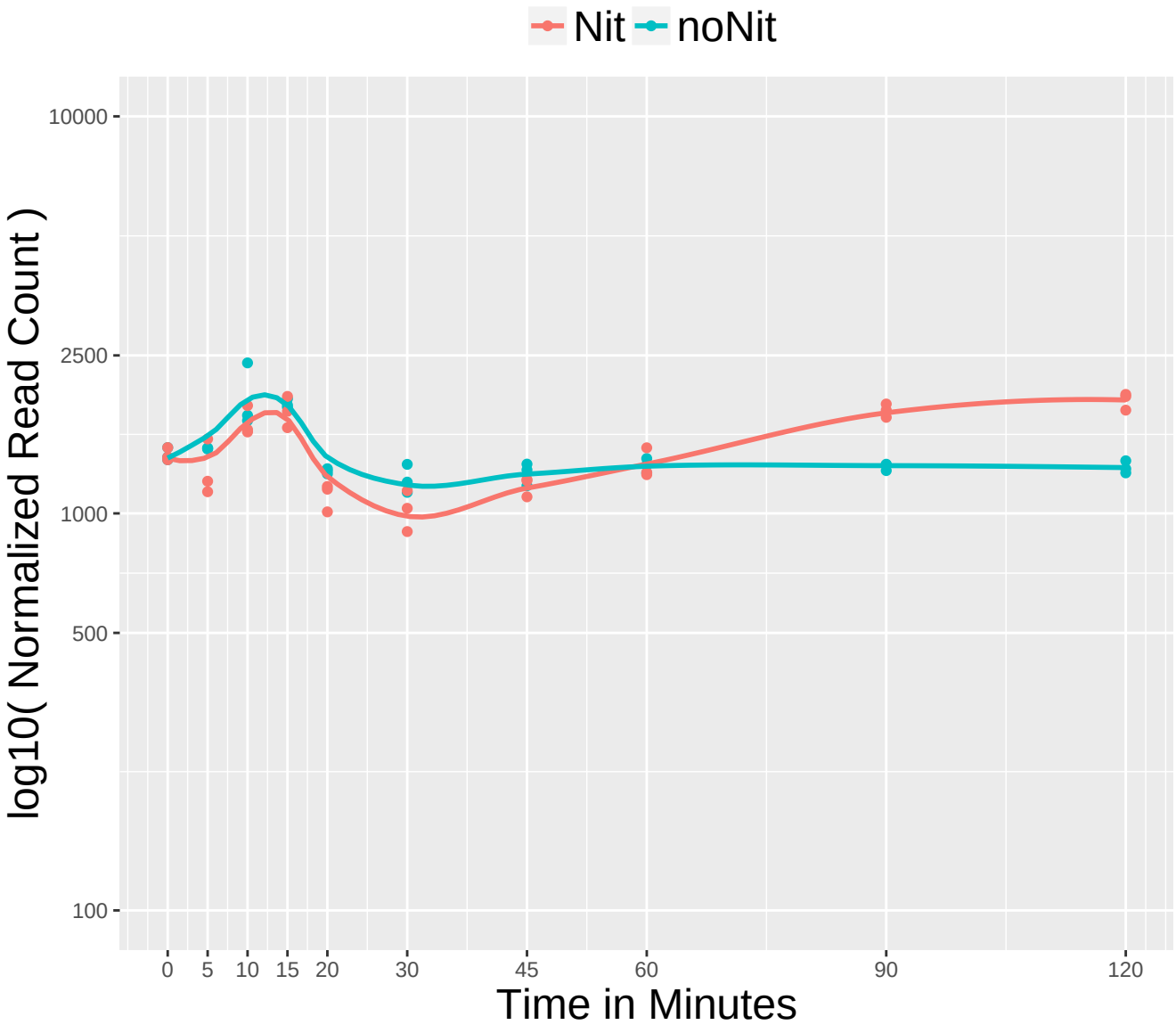
ASG1,Abiotic



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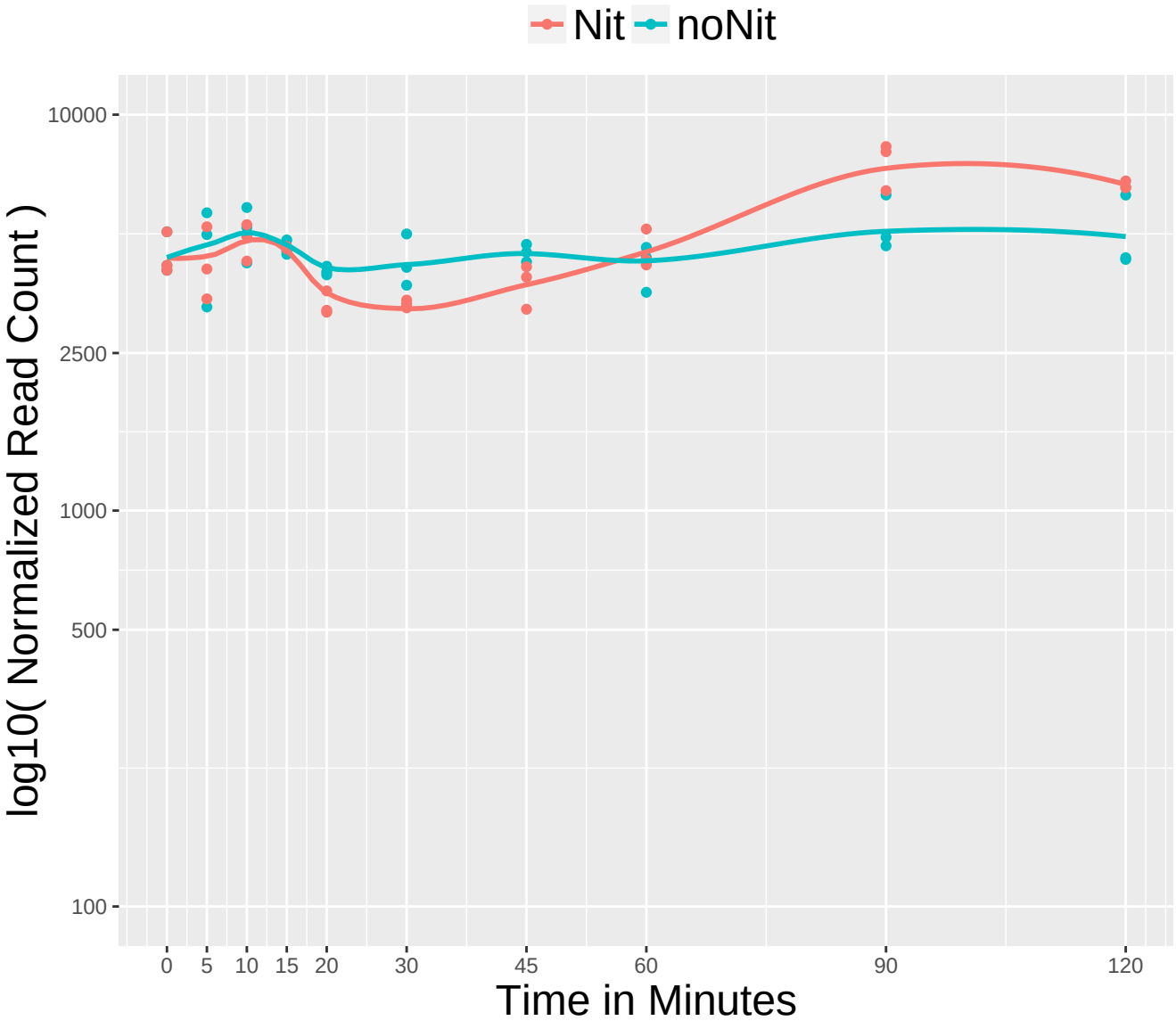
P−loop



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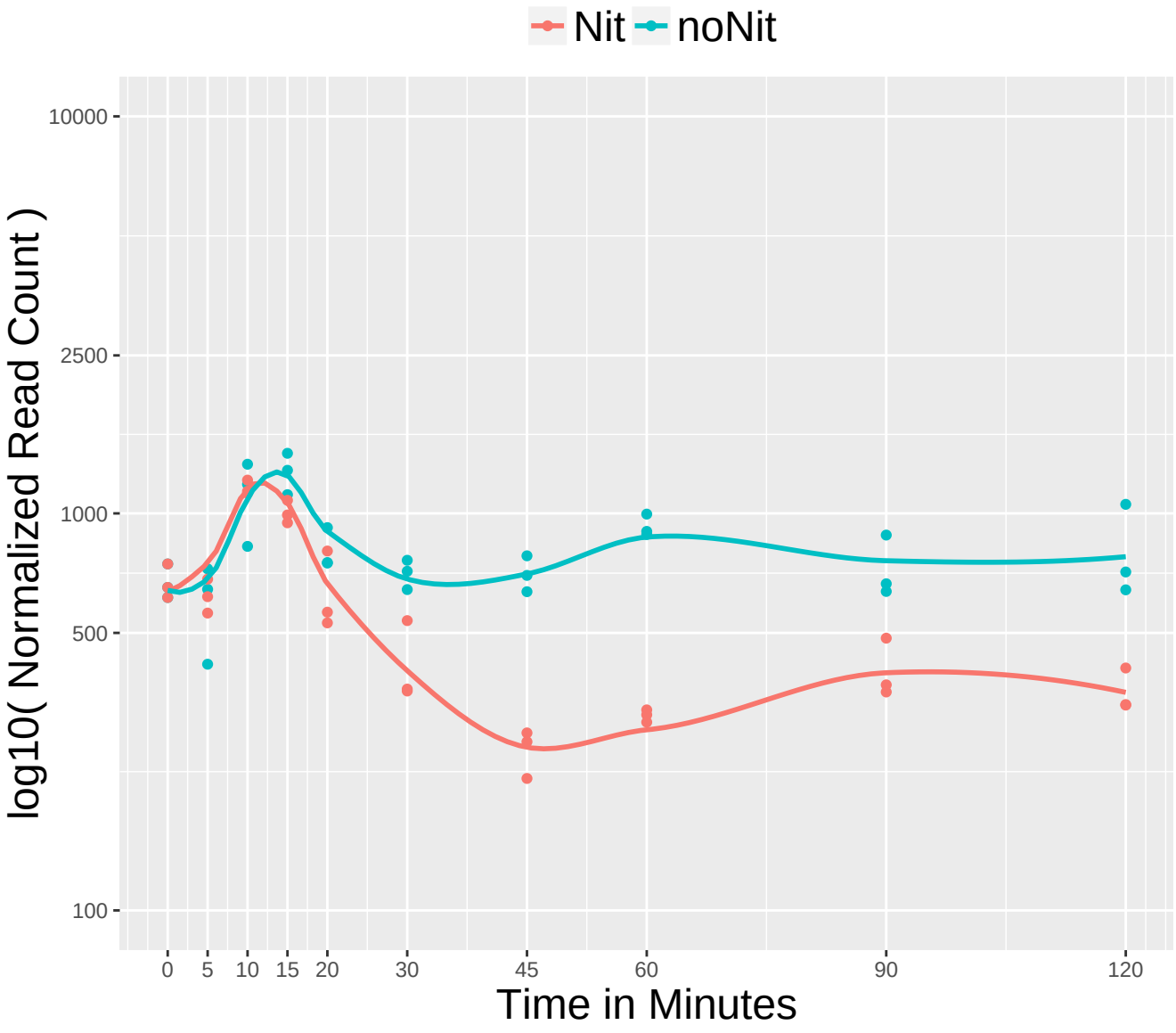
SLAH3,SLAC1



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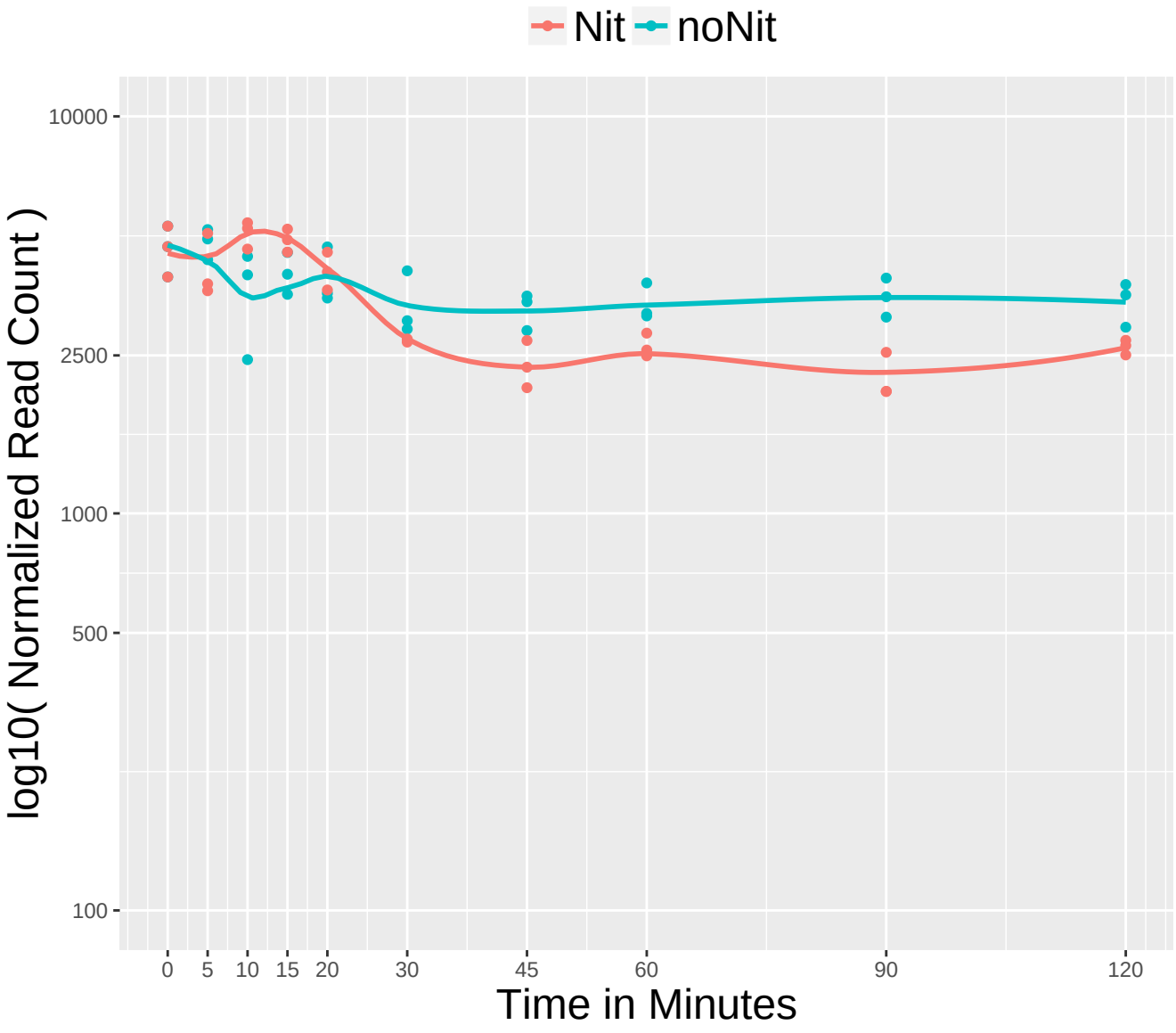
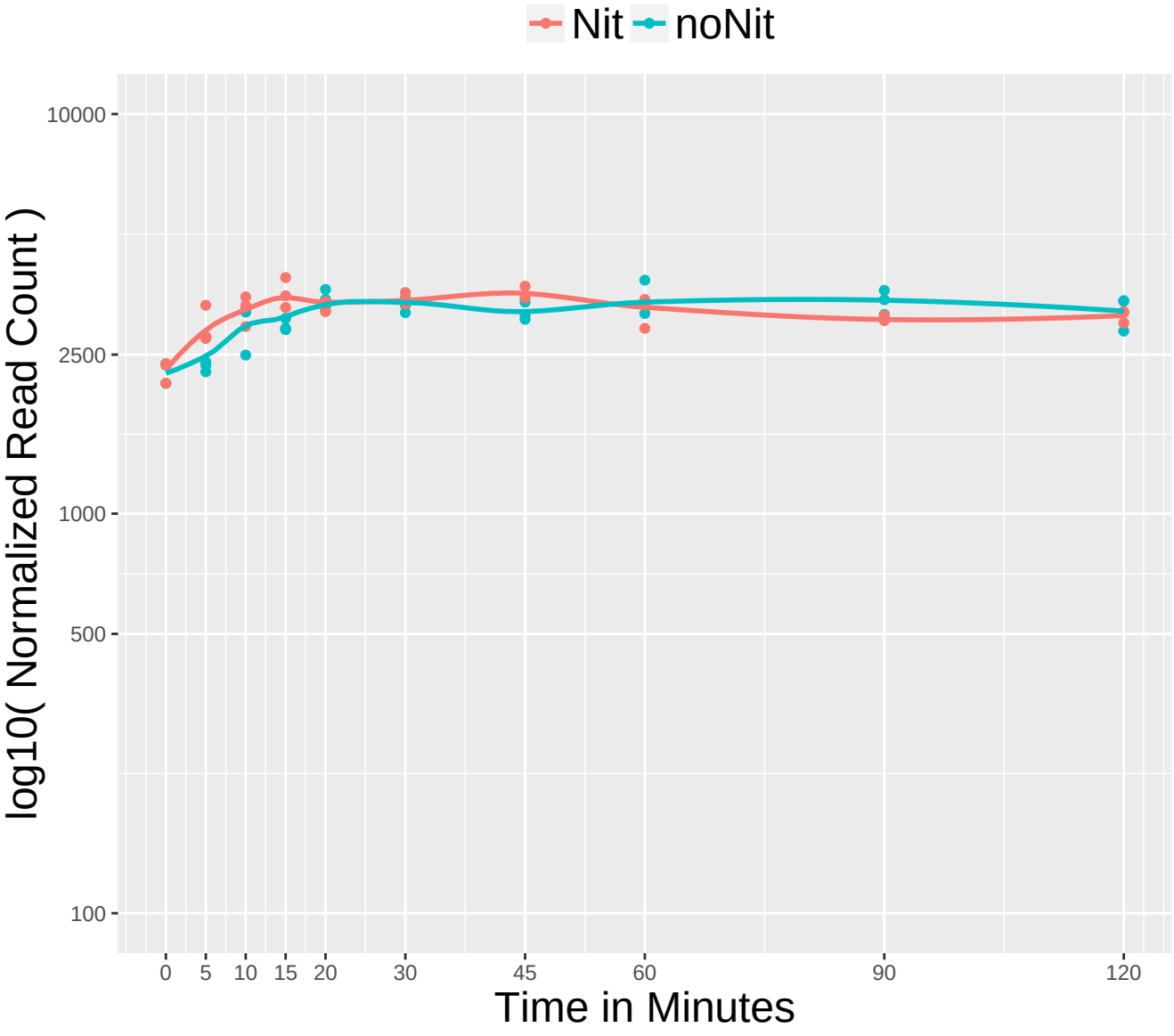
ATBZIP9,ARABIDOPSIS



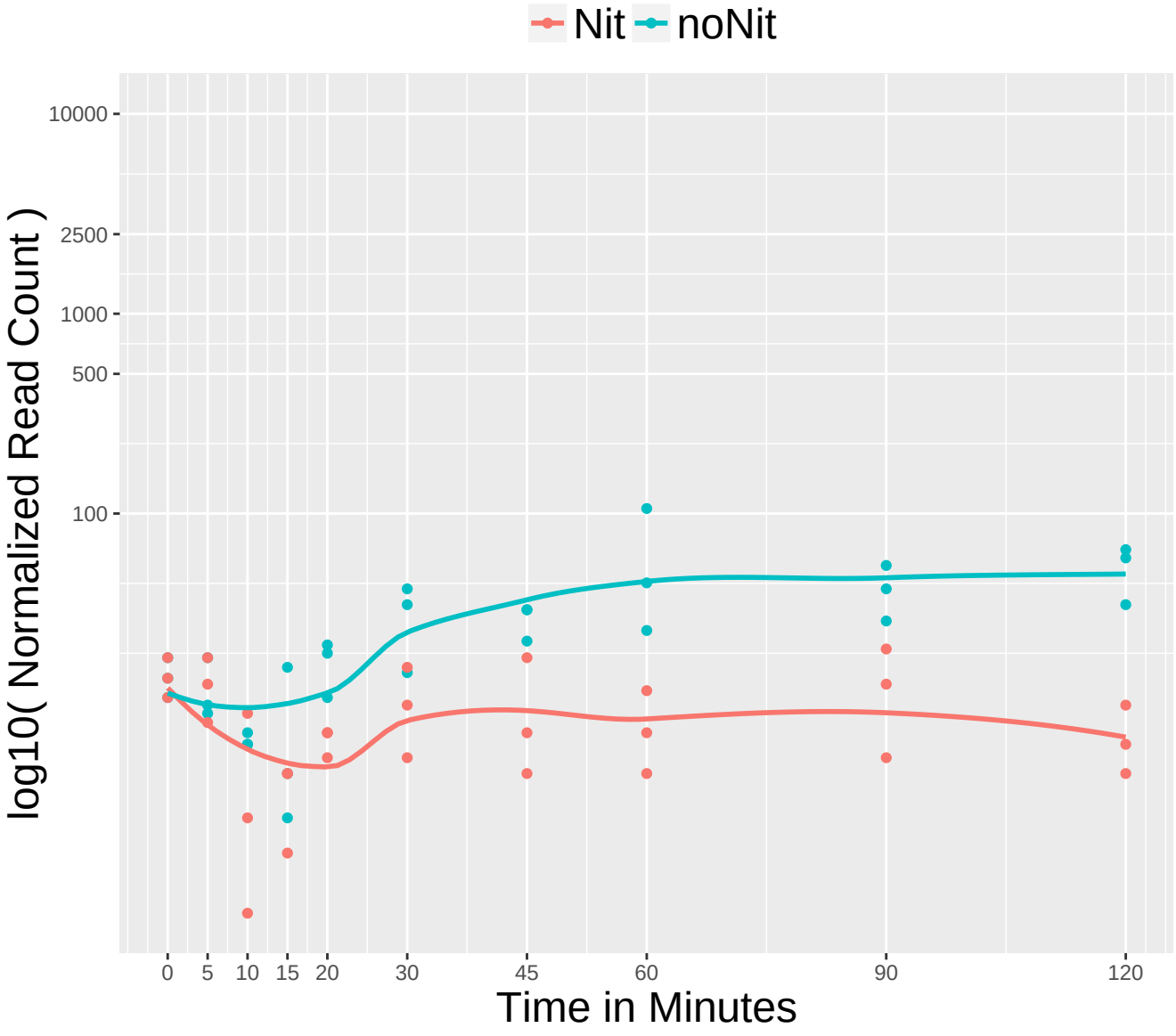
AT5G36290

Uncharacterized



AT5G41730

Protein



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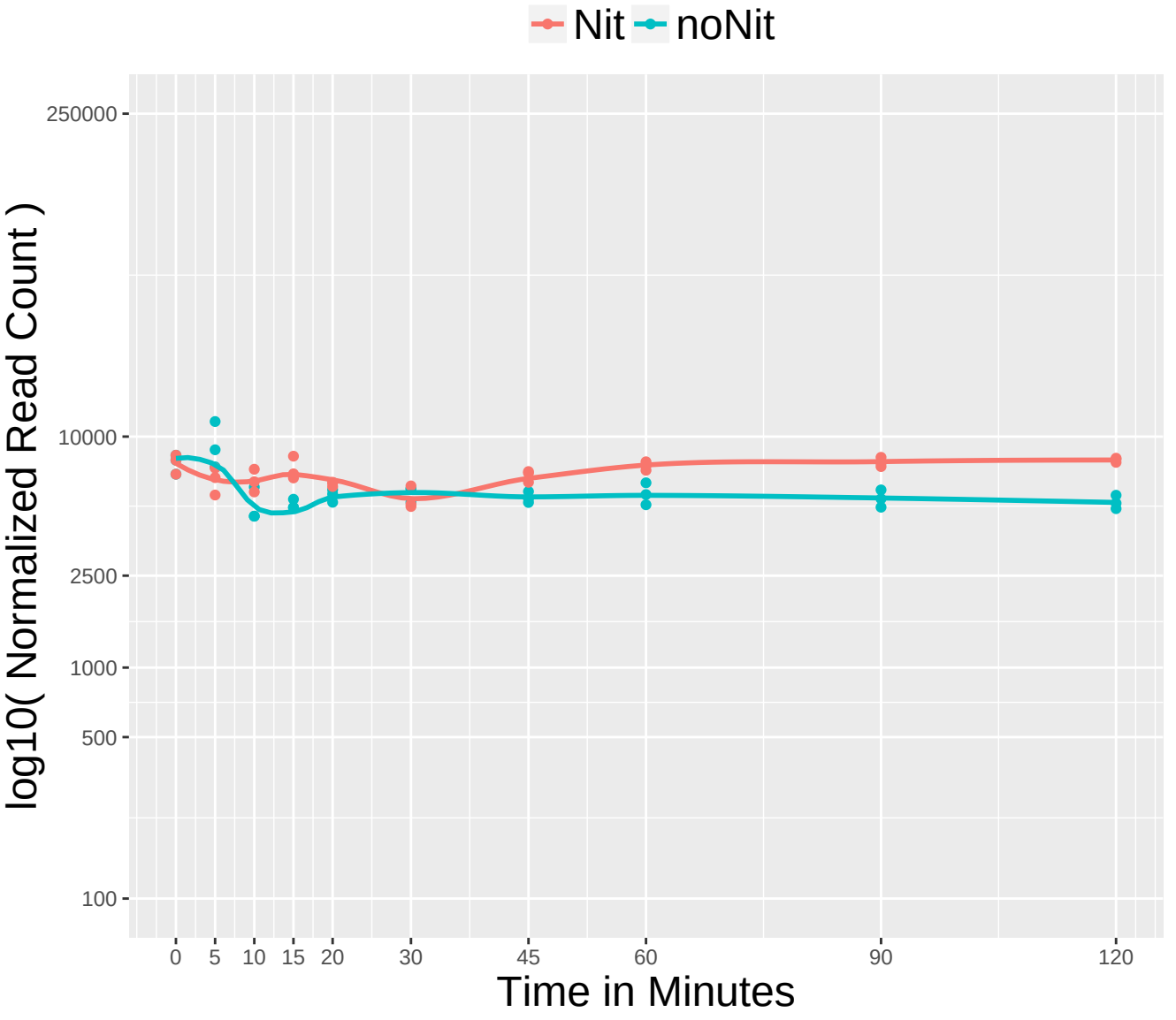
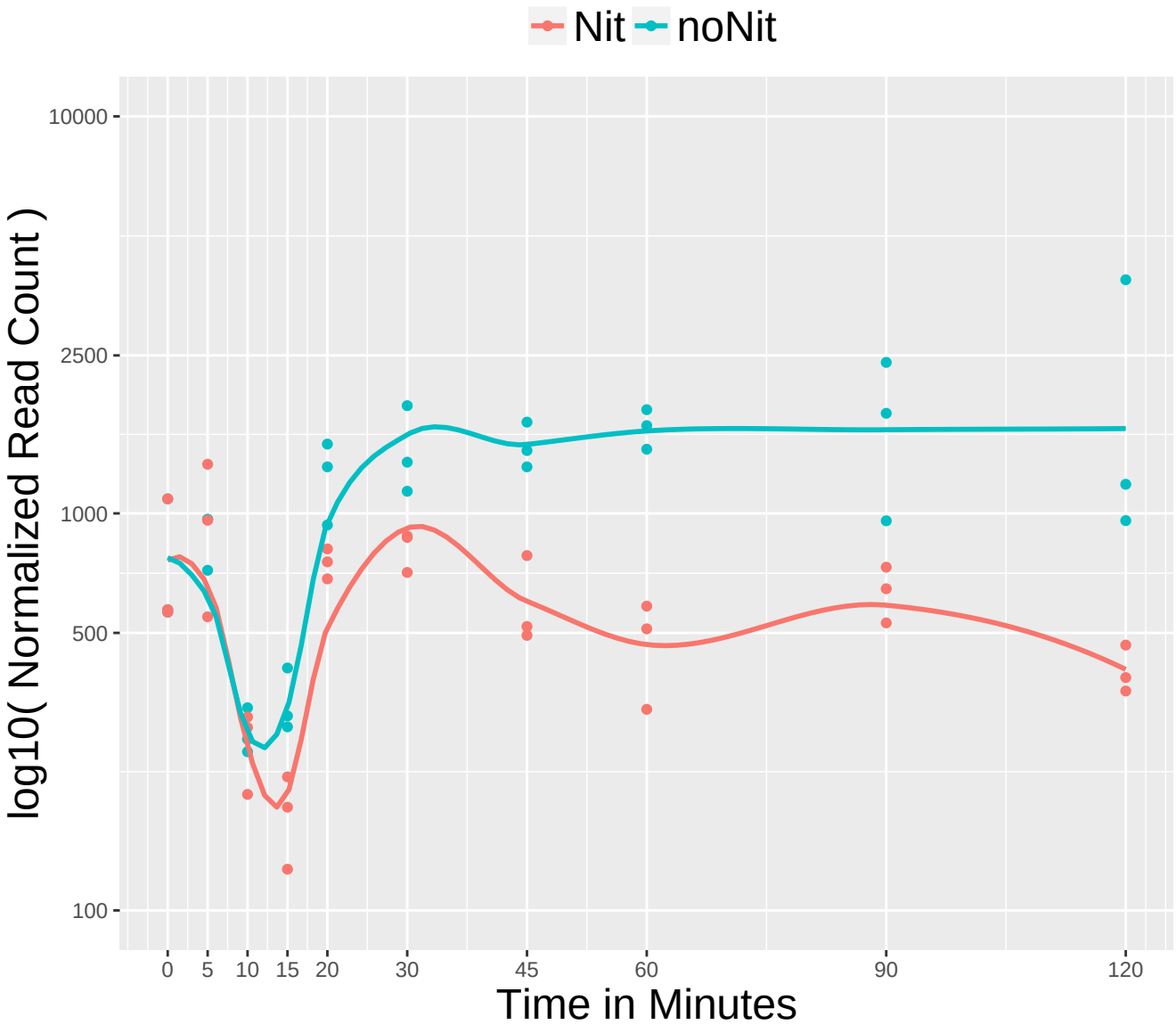
UBP23,ubiquitin−specific



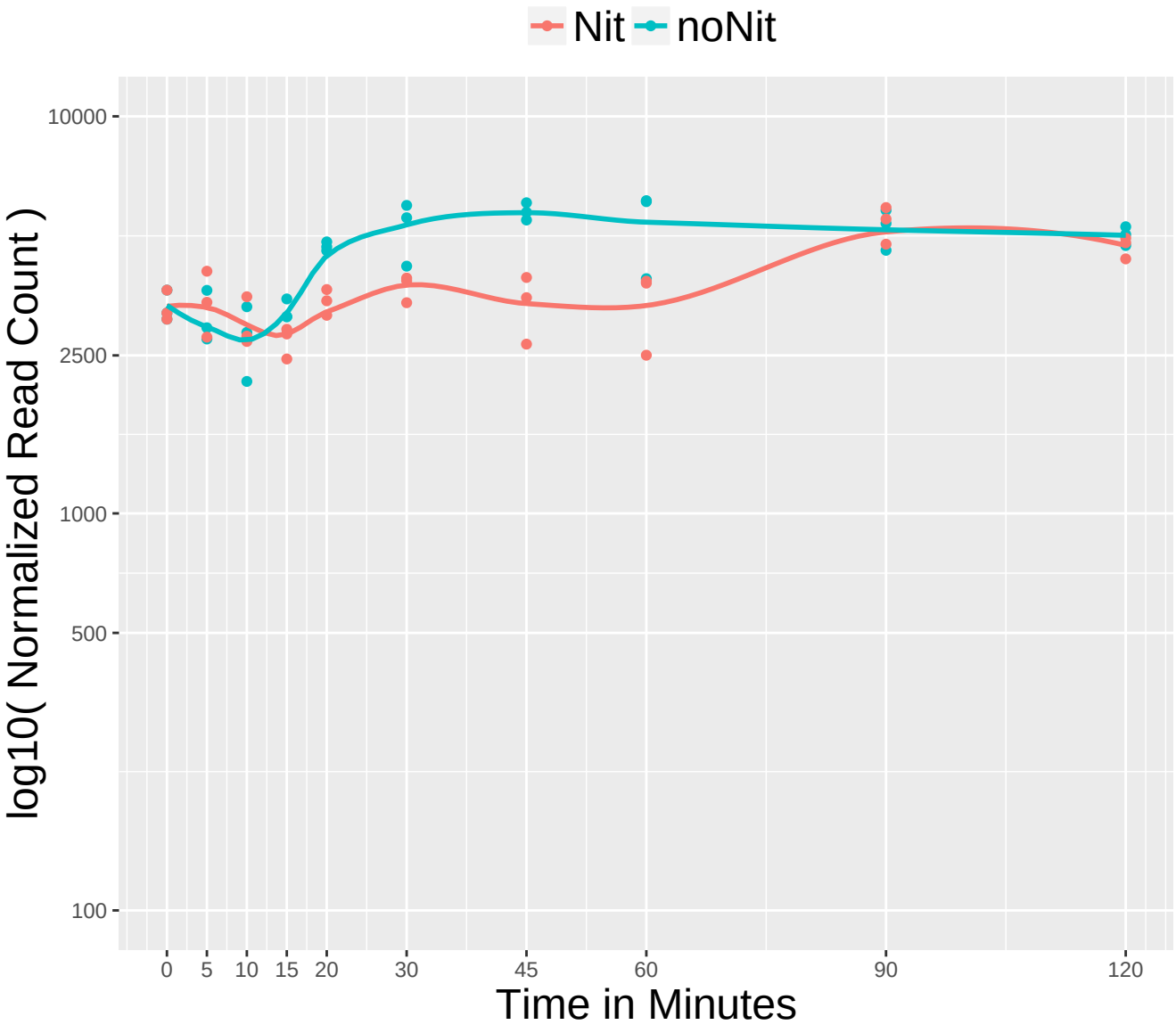
AT1G01560

ATMPK11,MAP



AT1G28440

HSL1,HAESA−like



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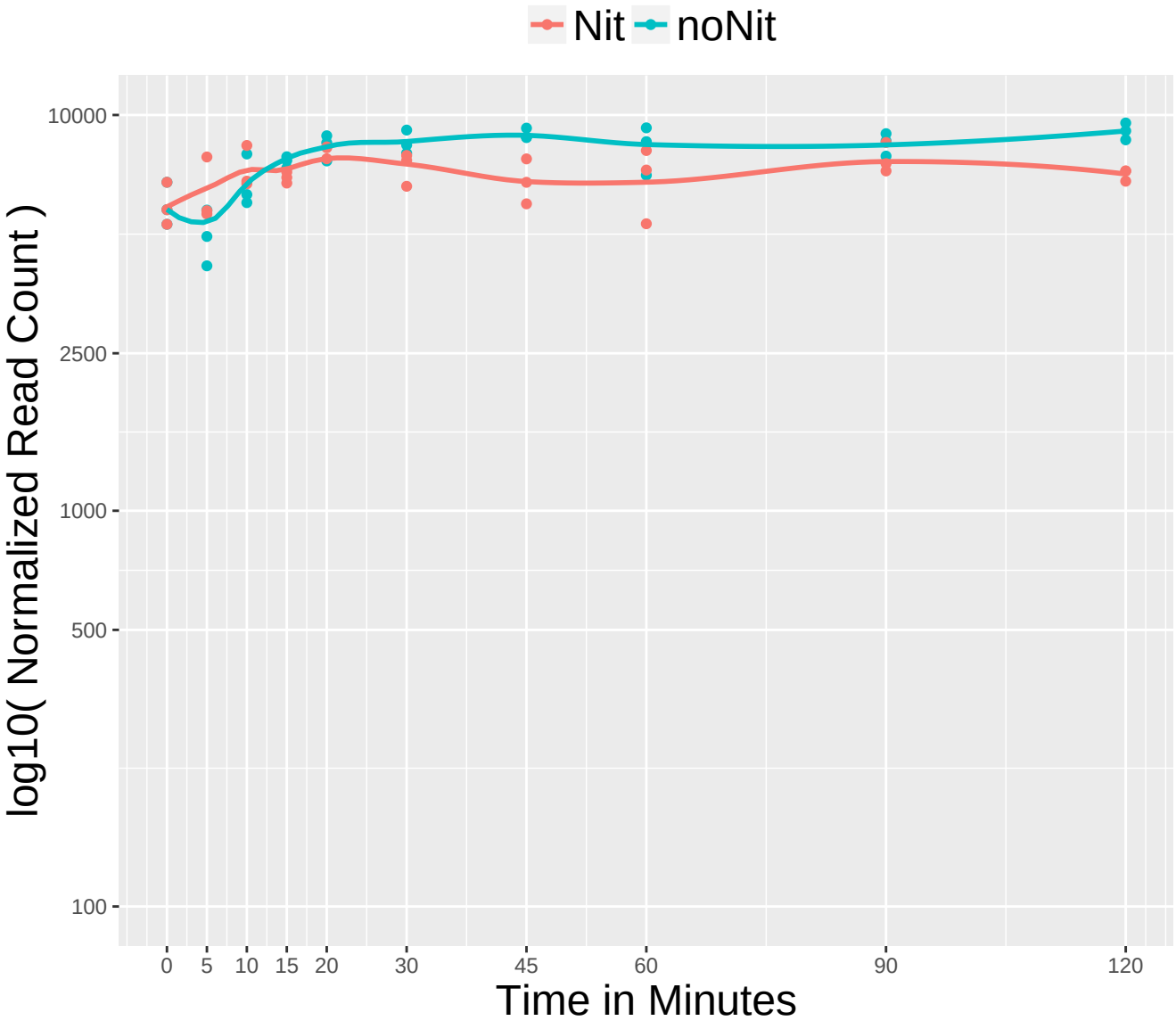
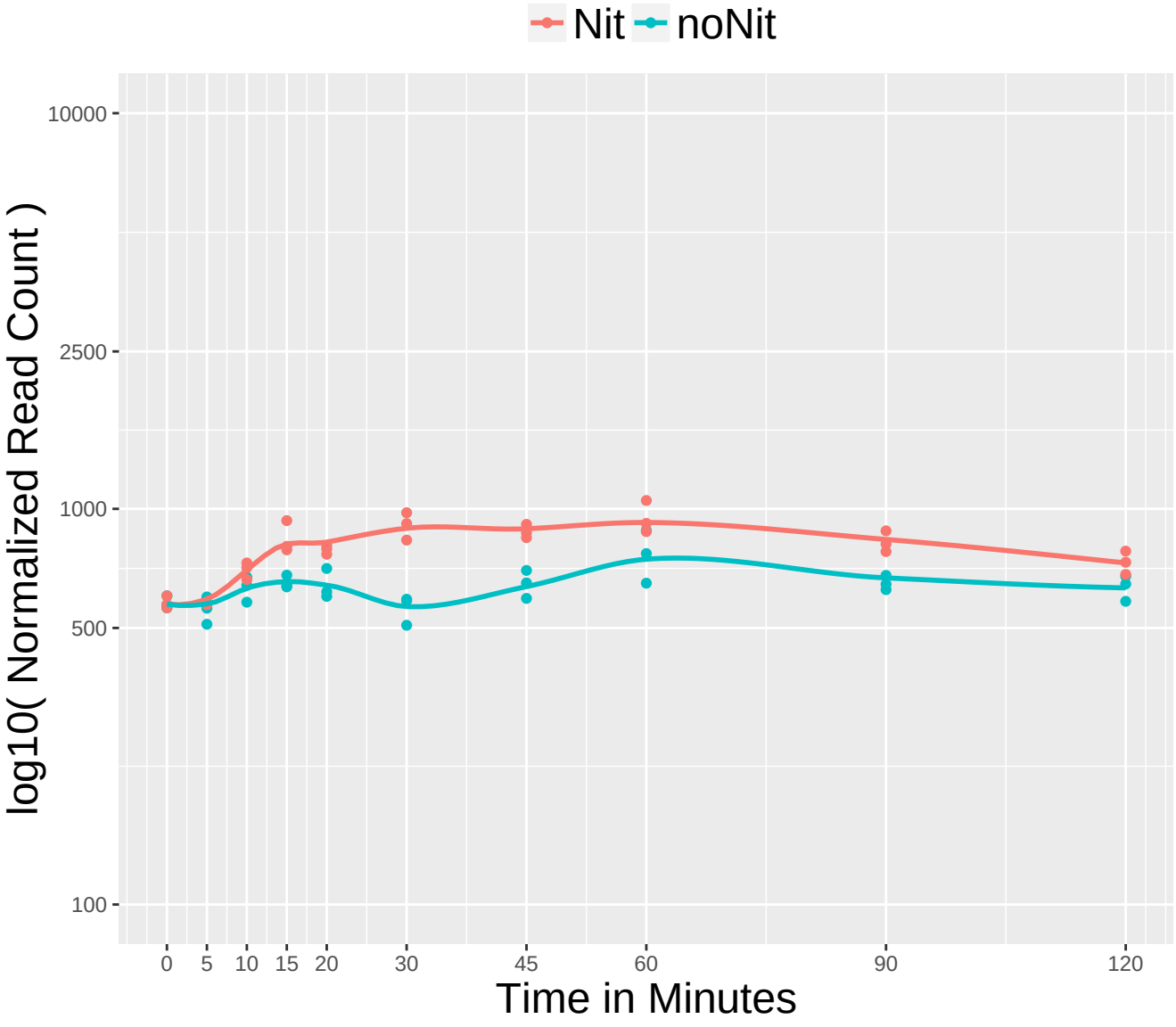
ERD4,early−responsive



AT1G33270

Acyl



AT1G76490

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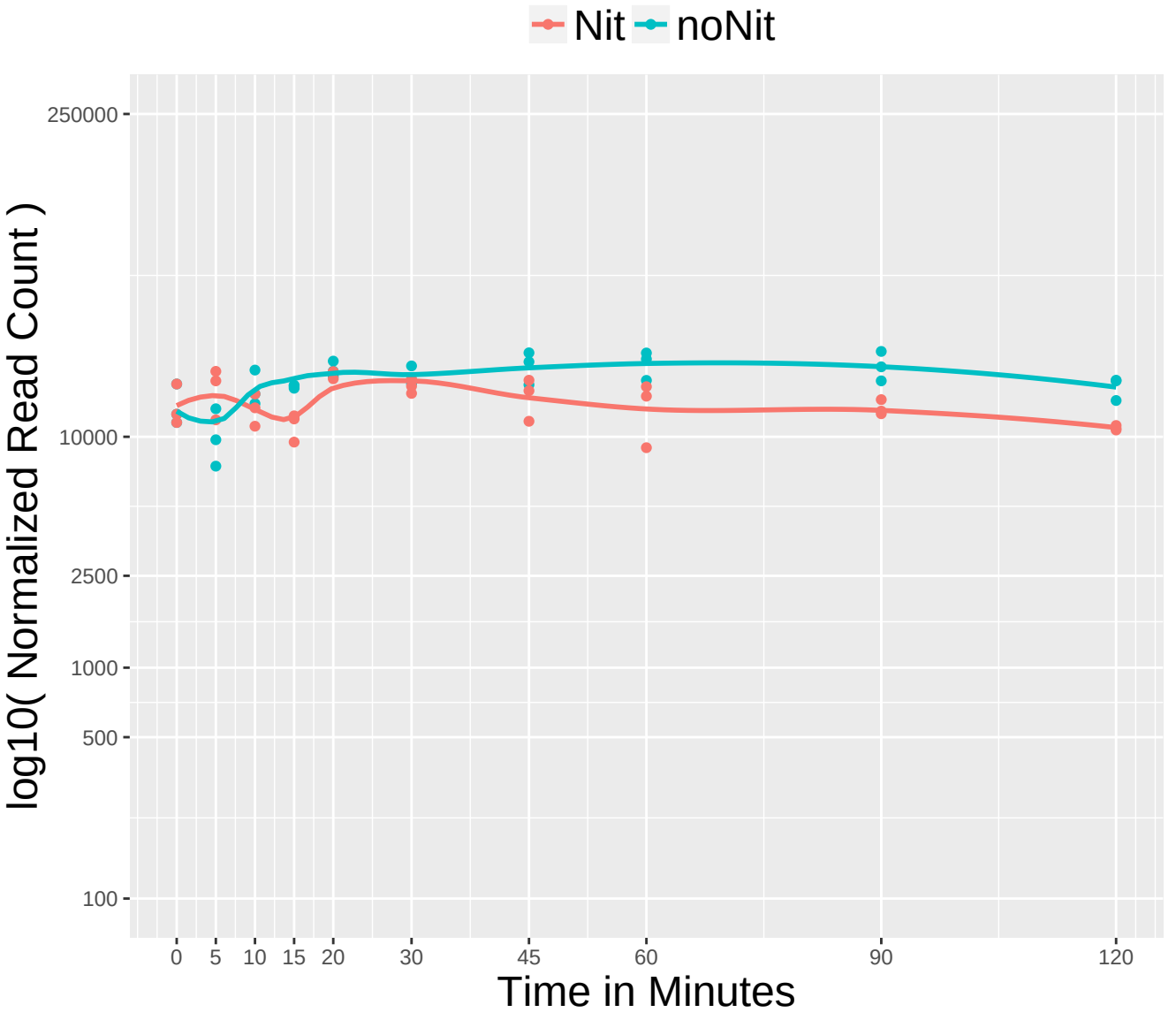

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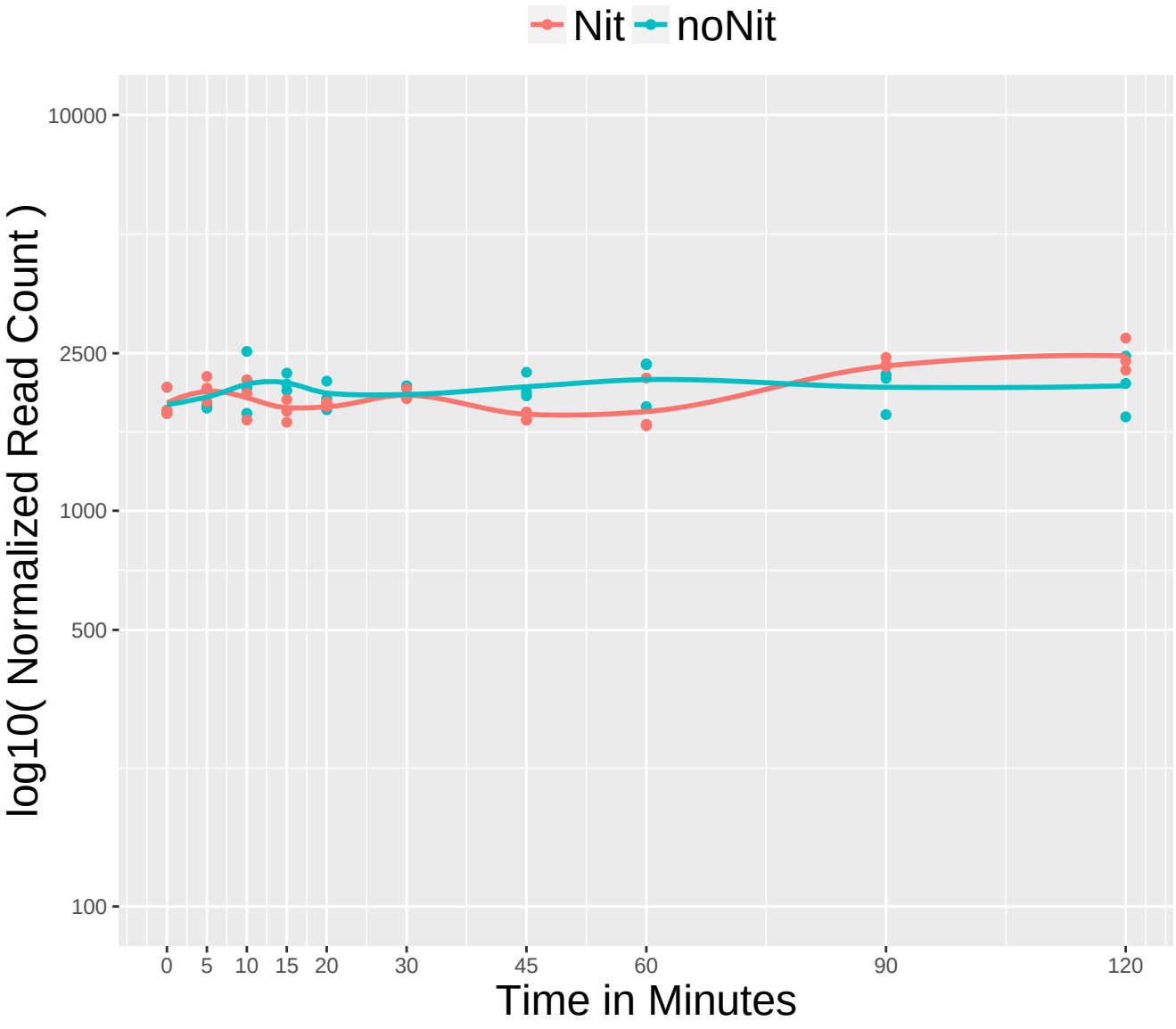
BIK1,botrytis−induced



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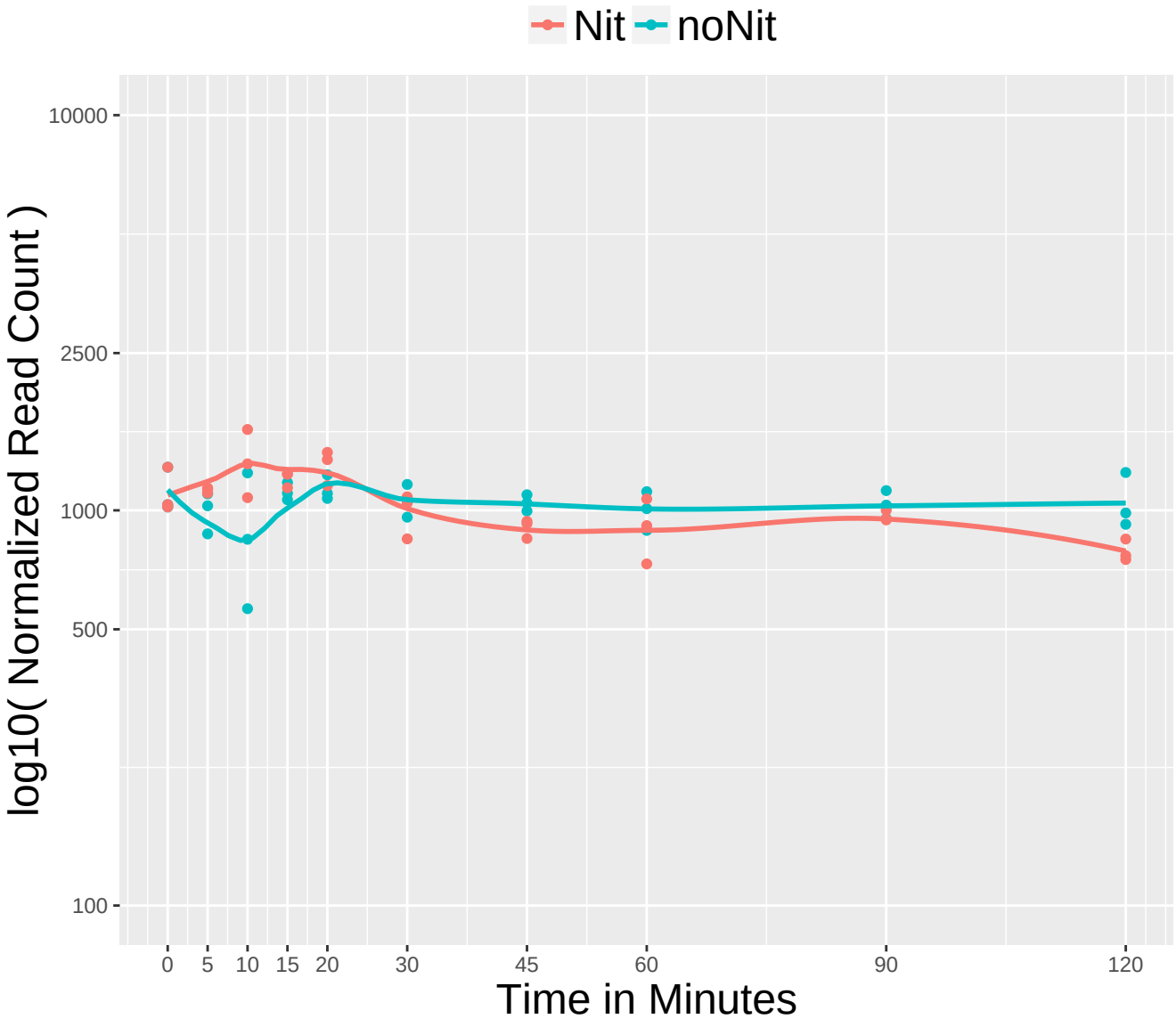
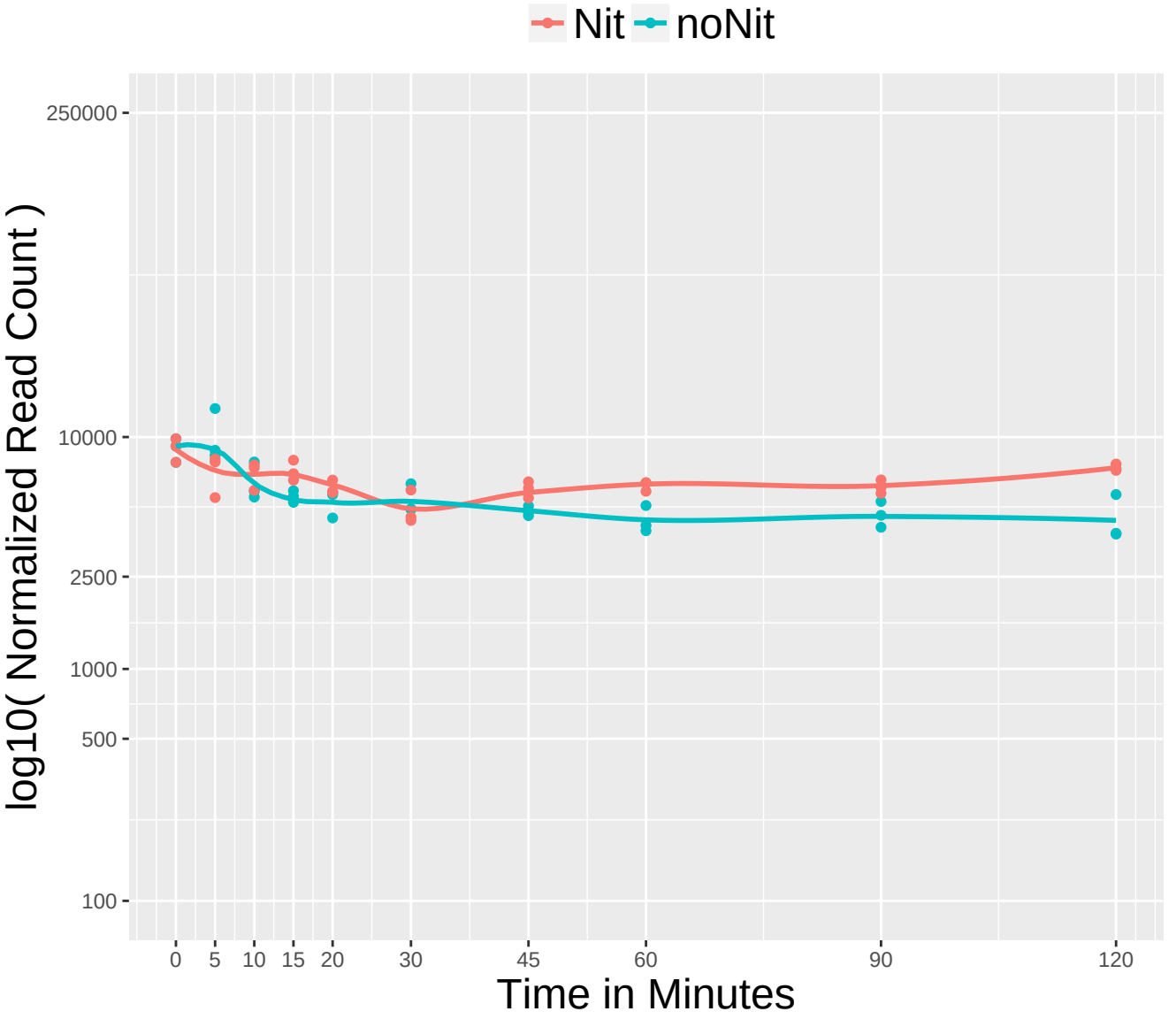


AT3G07050

NSN1,nucleostemin−like



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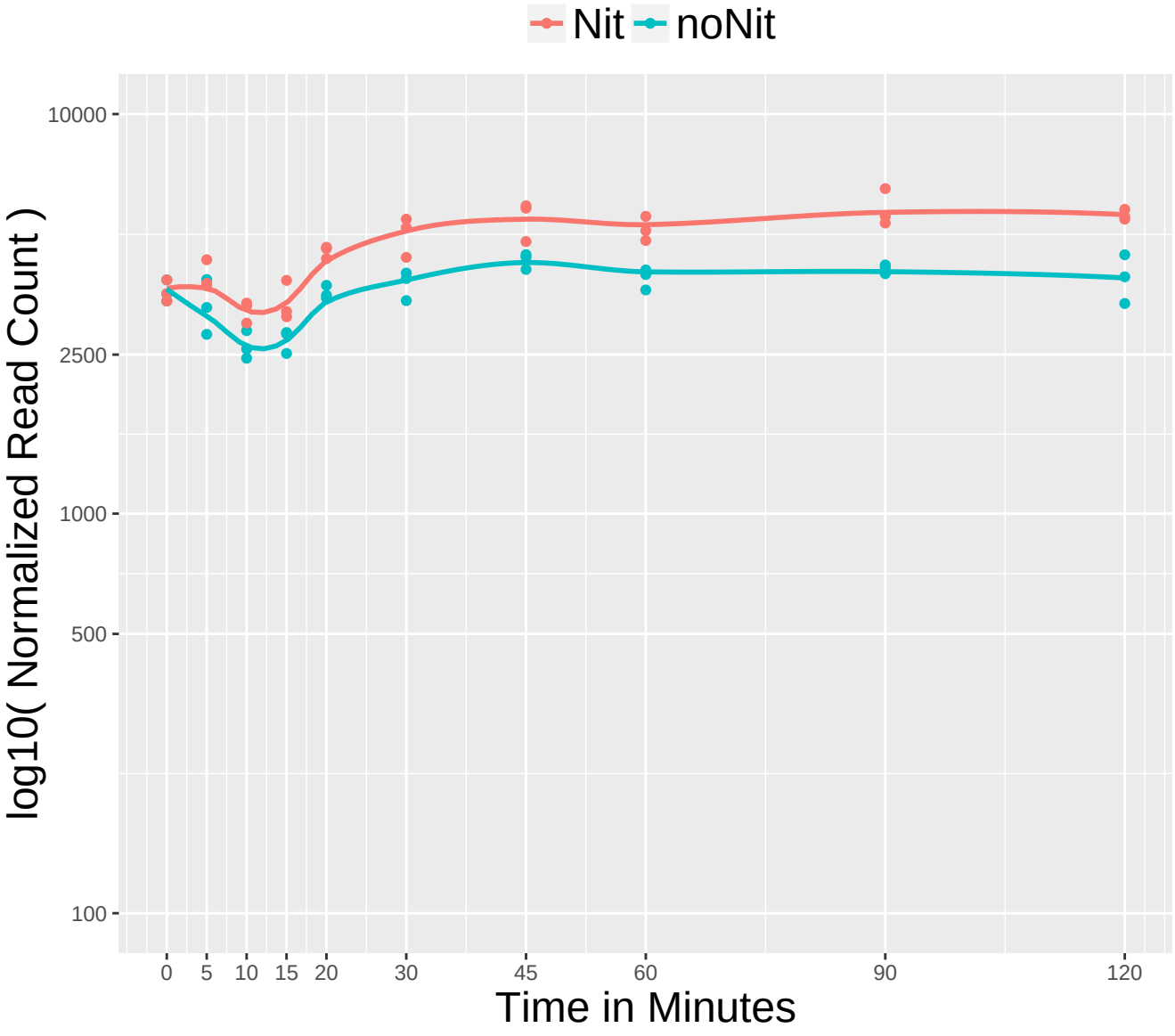

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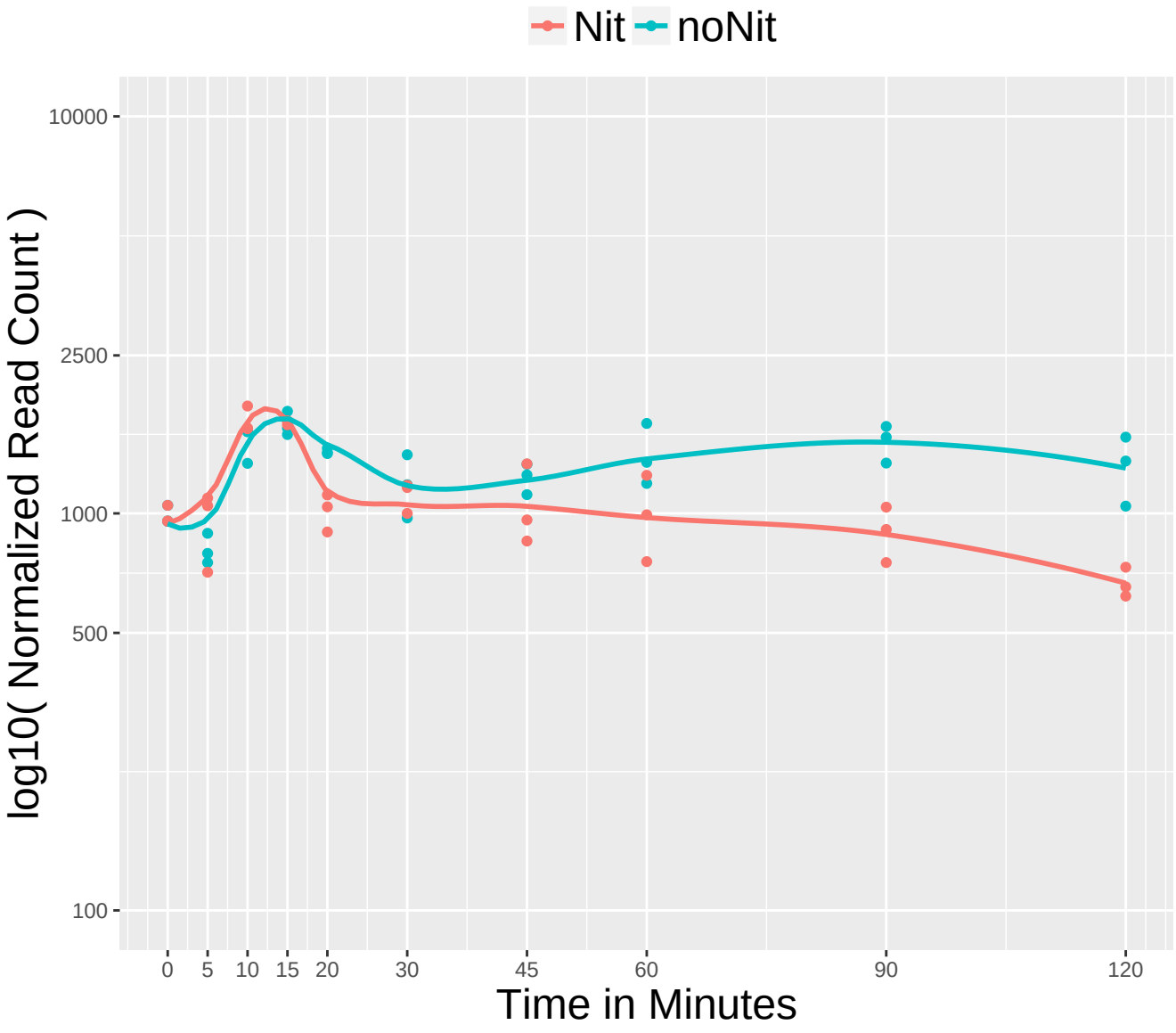
NF−YA6,"nuclear



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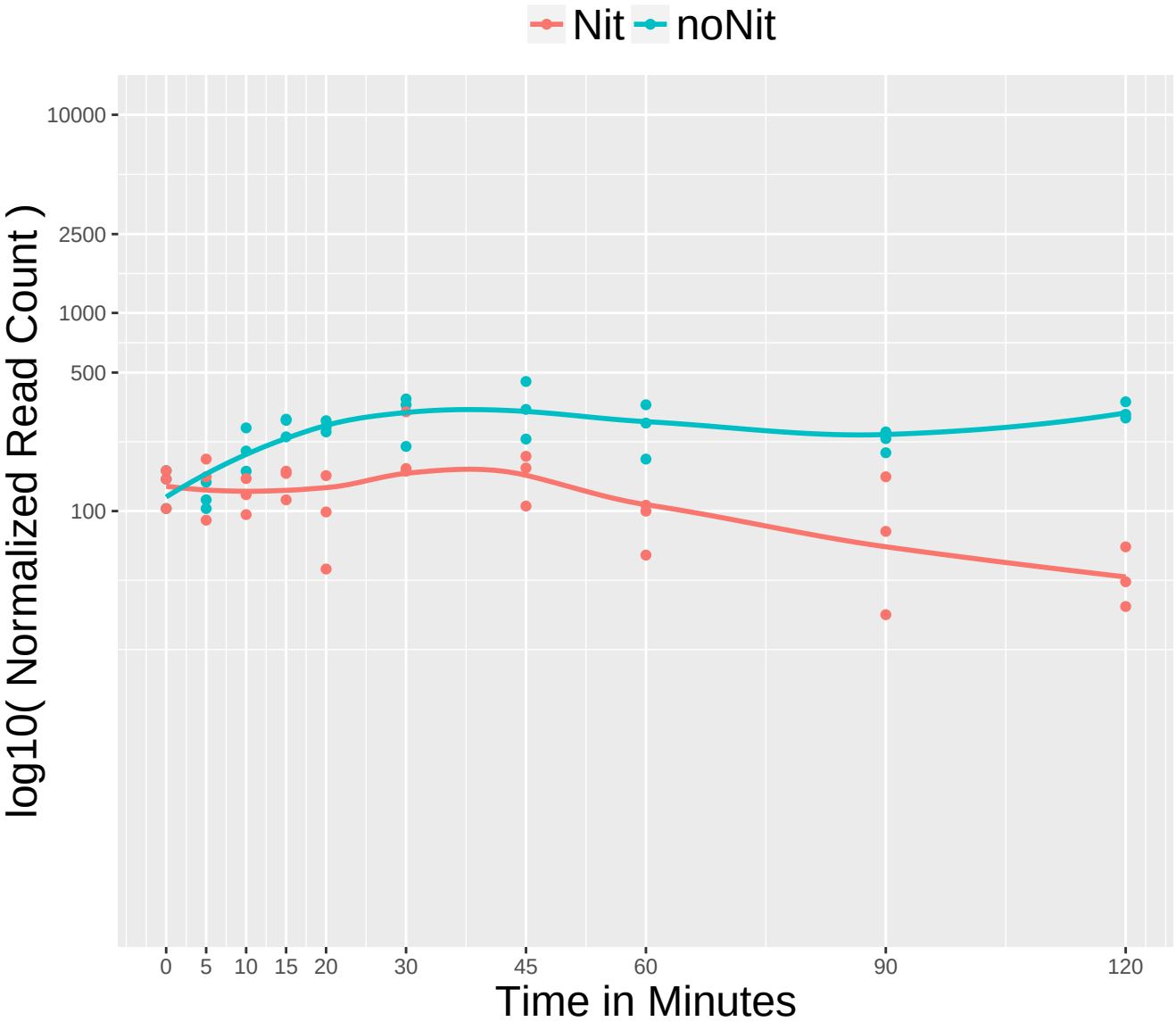

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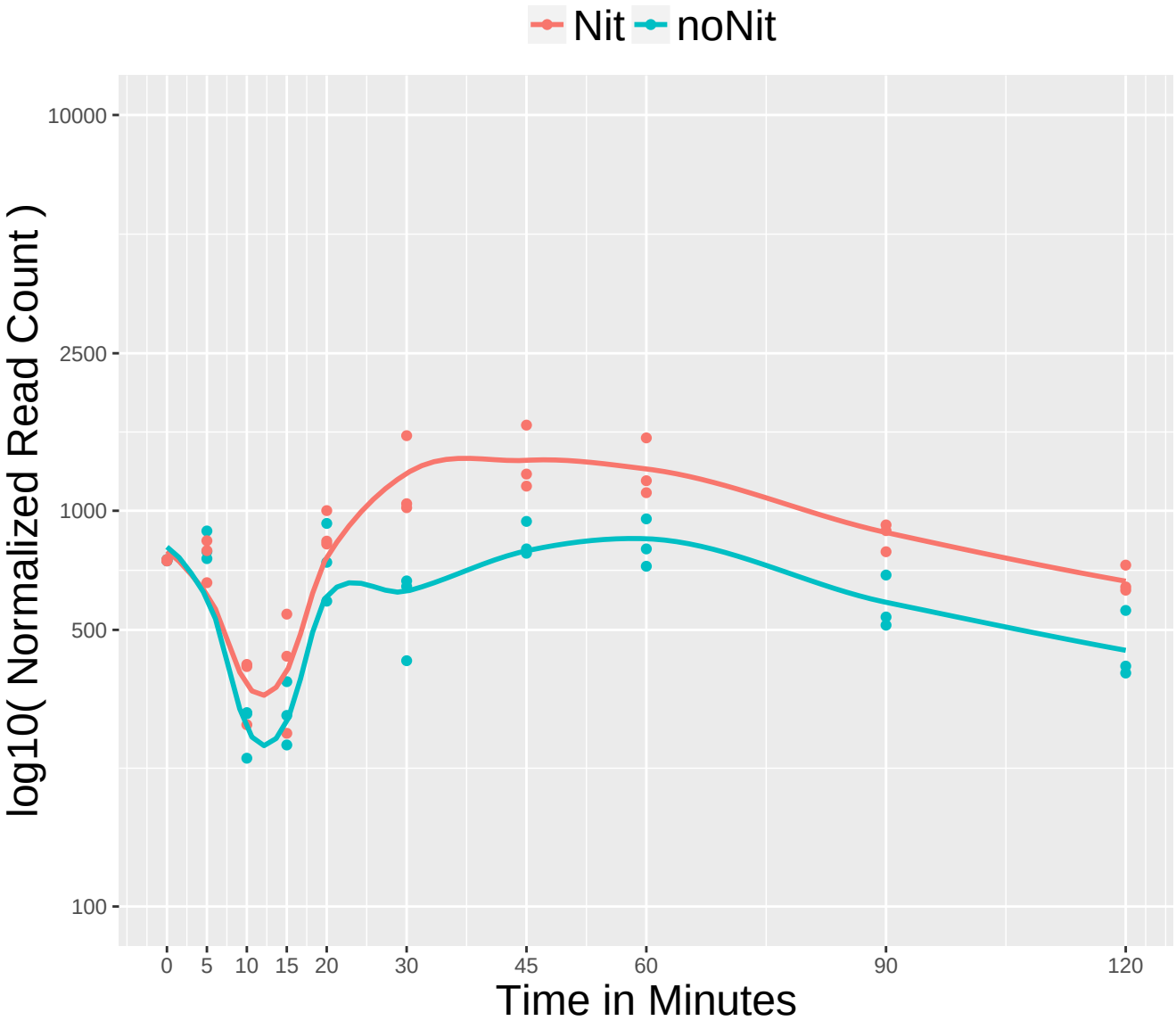

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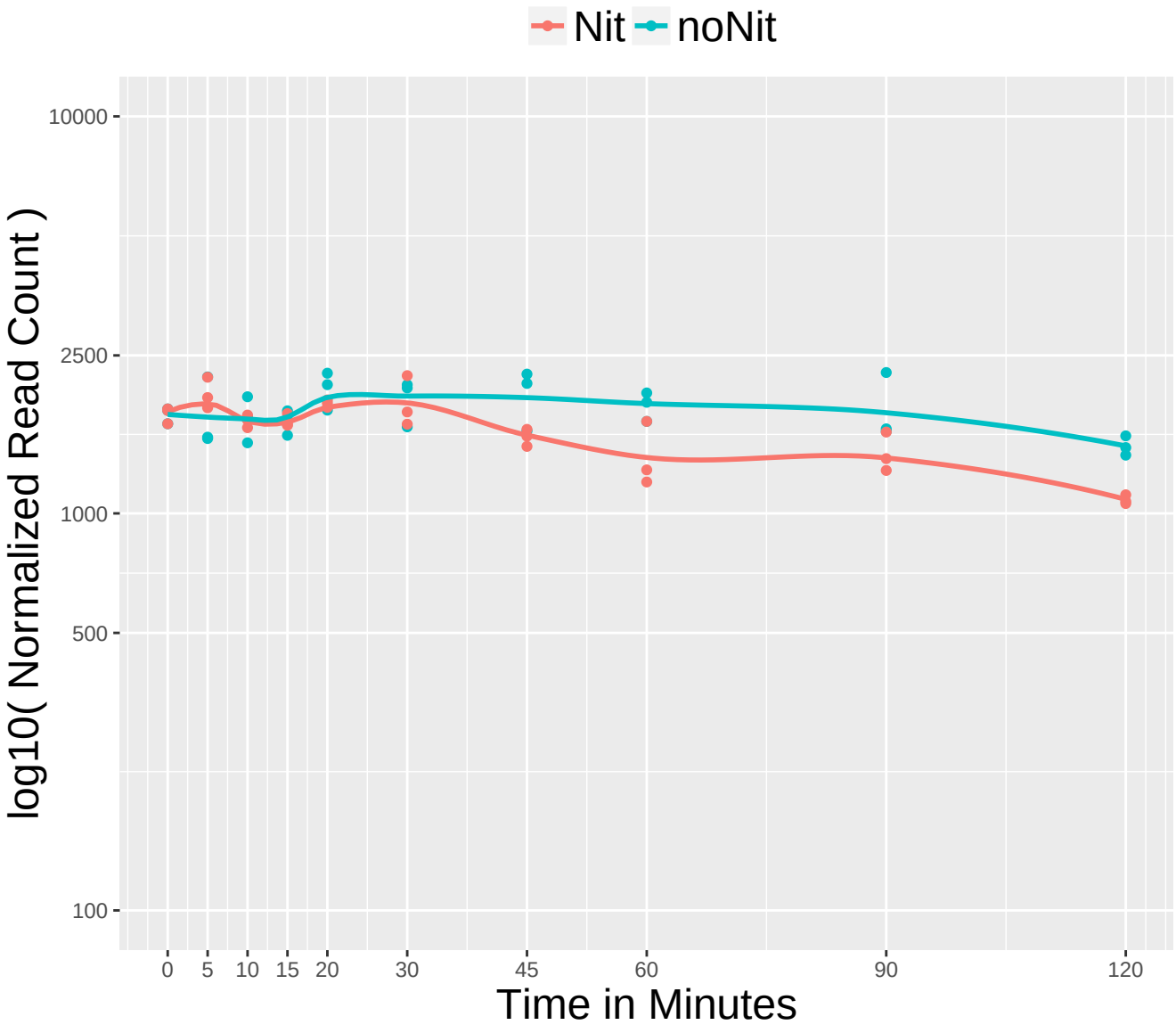

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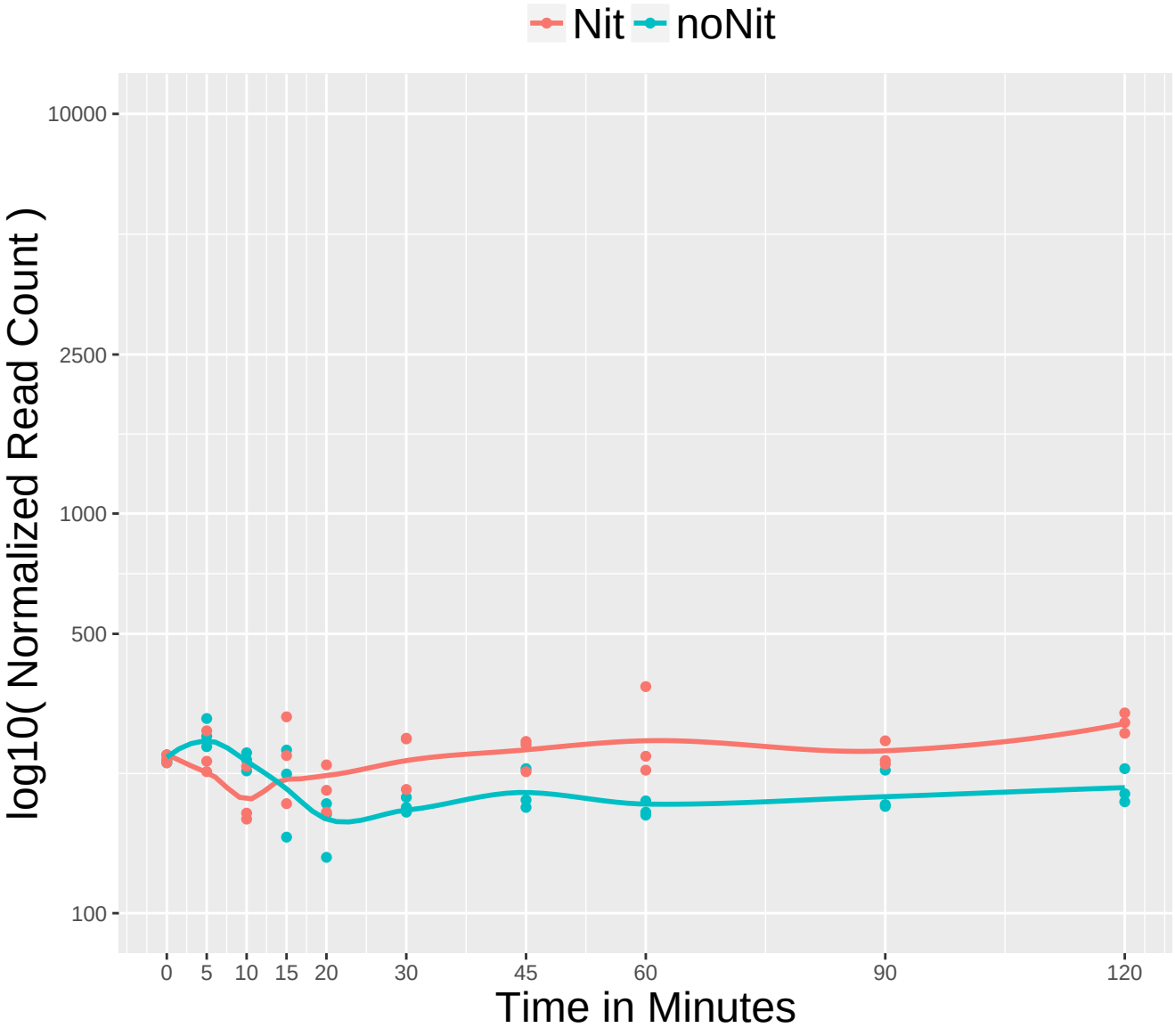

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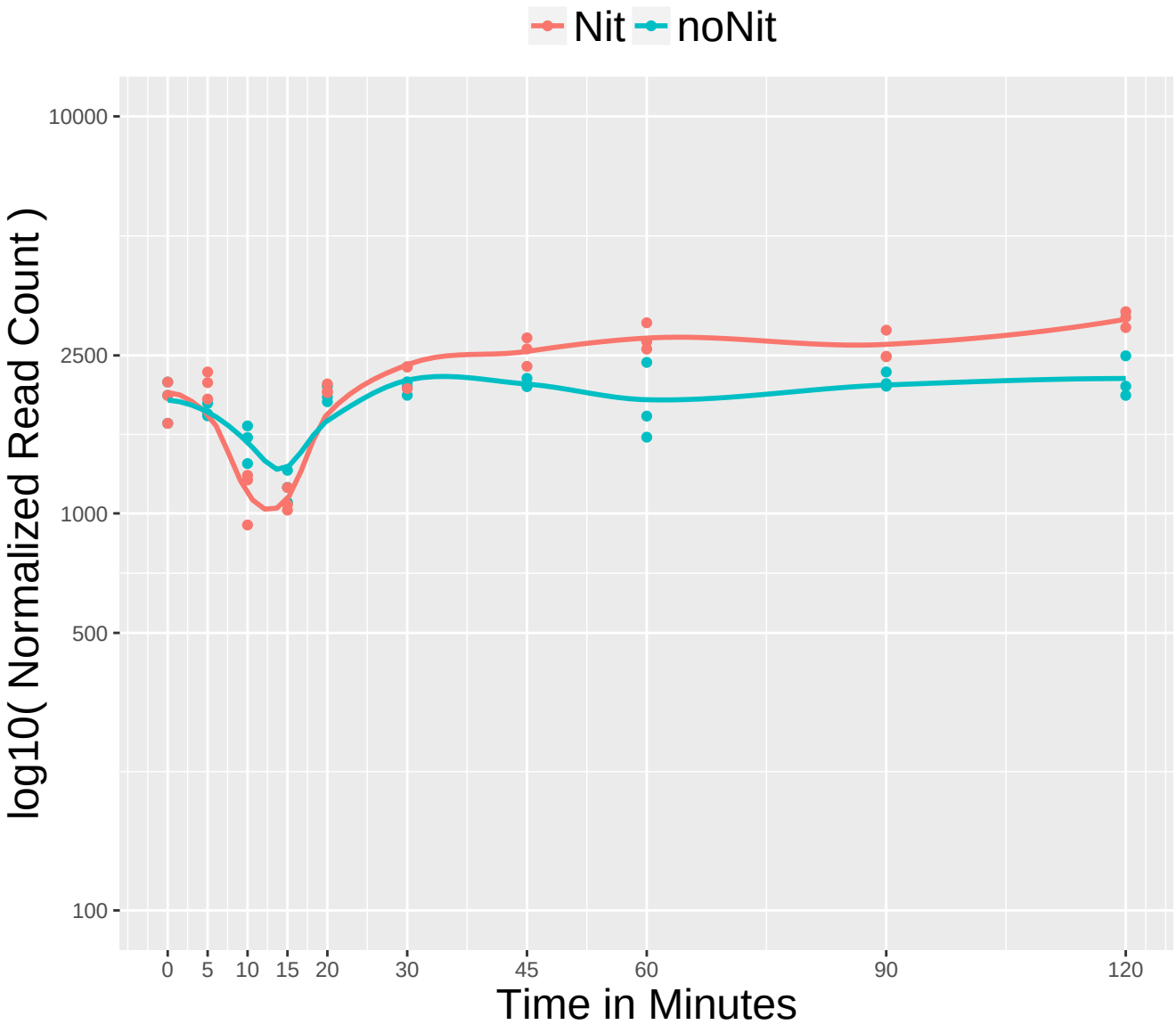
AT.EIF4E1,ARABIDOPSIS



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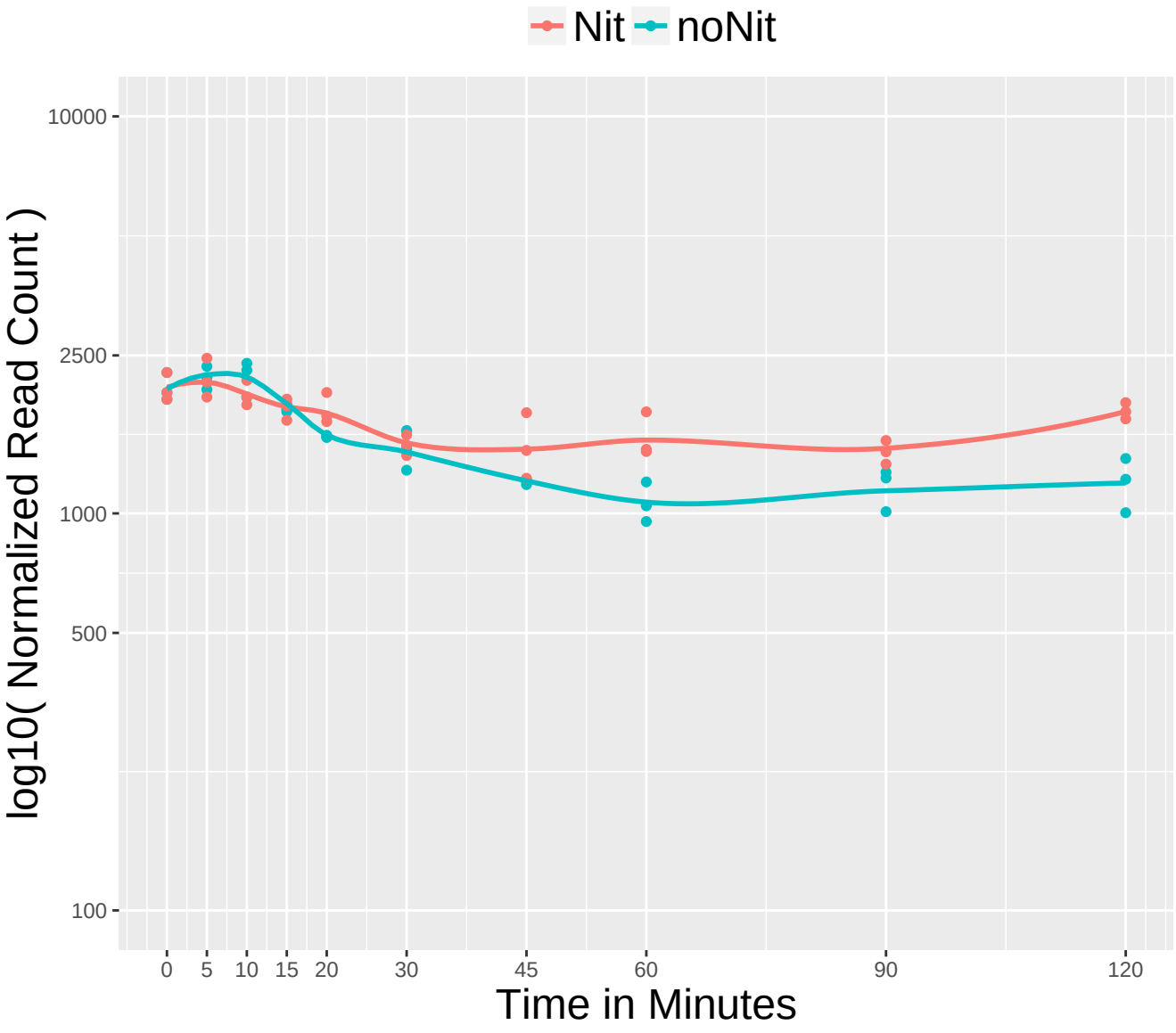

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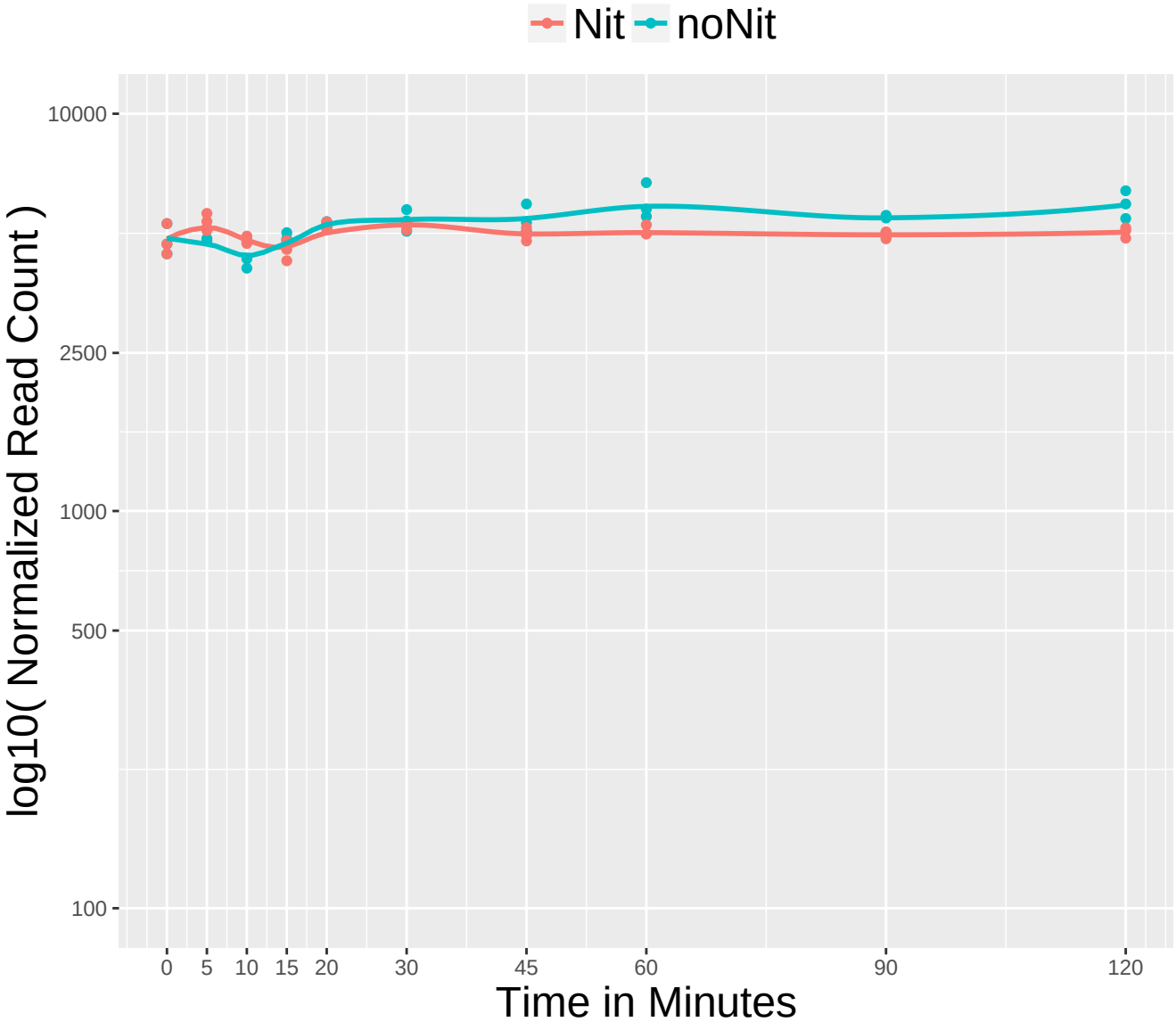

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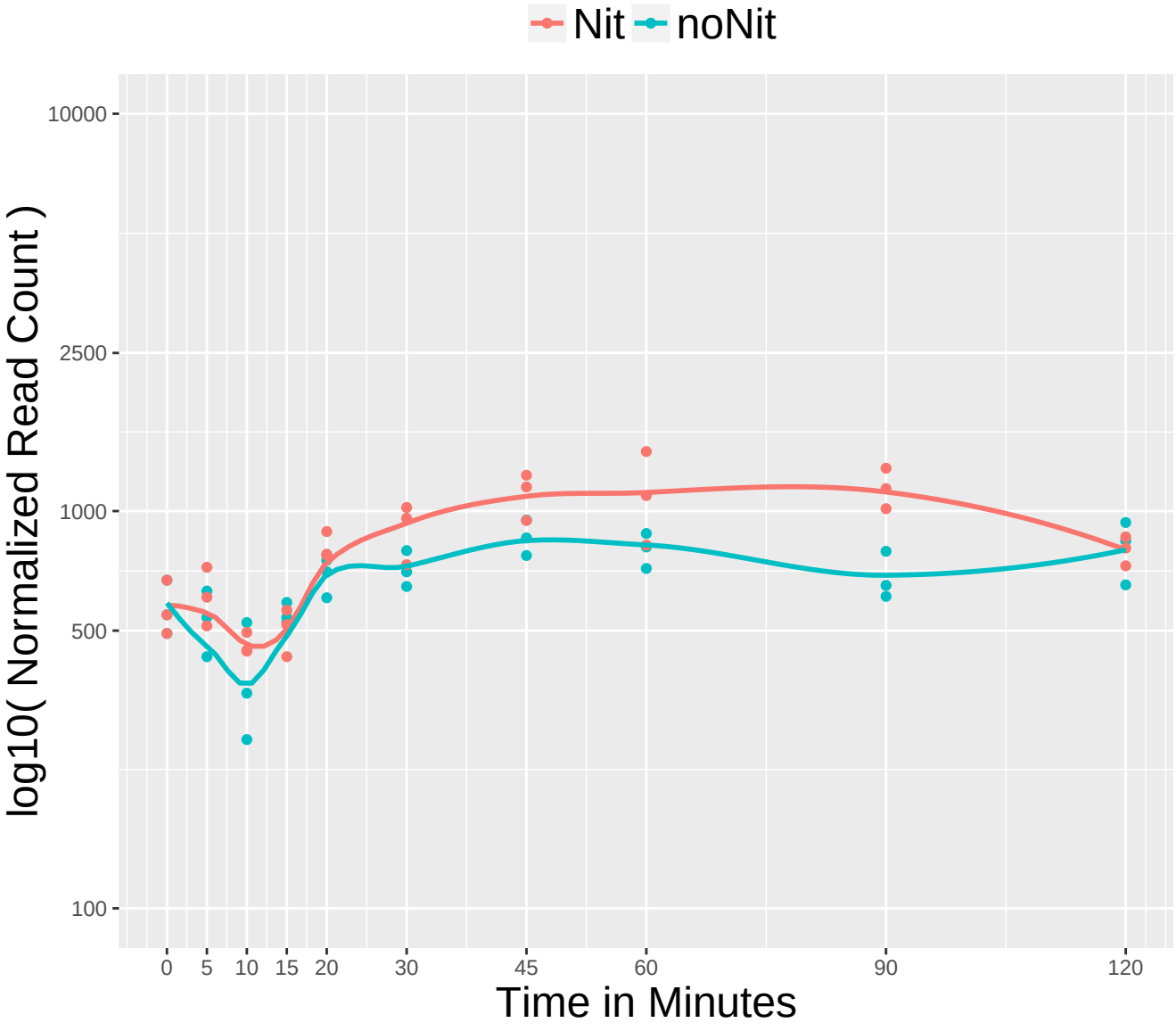

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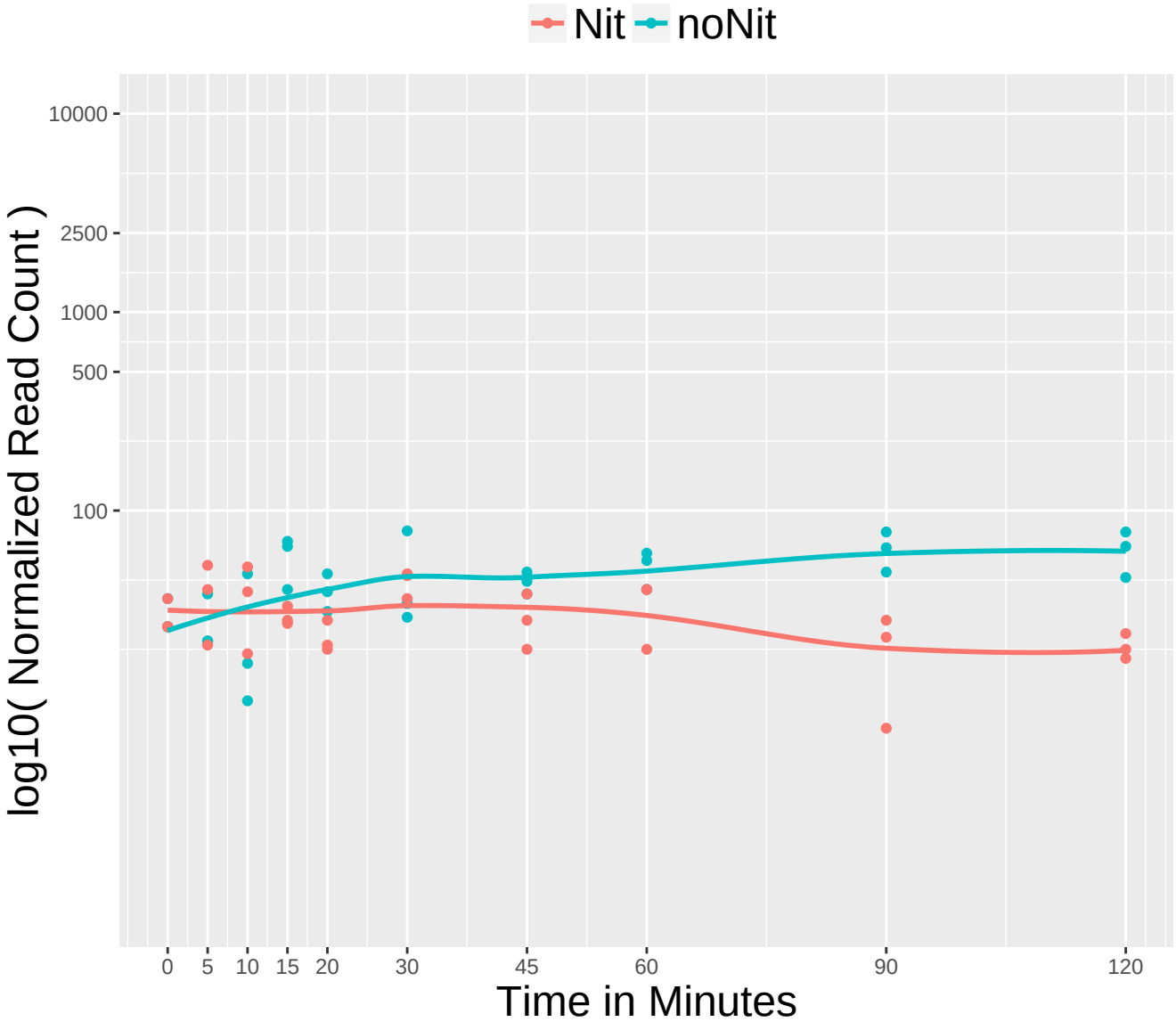

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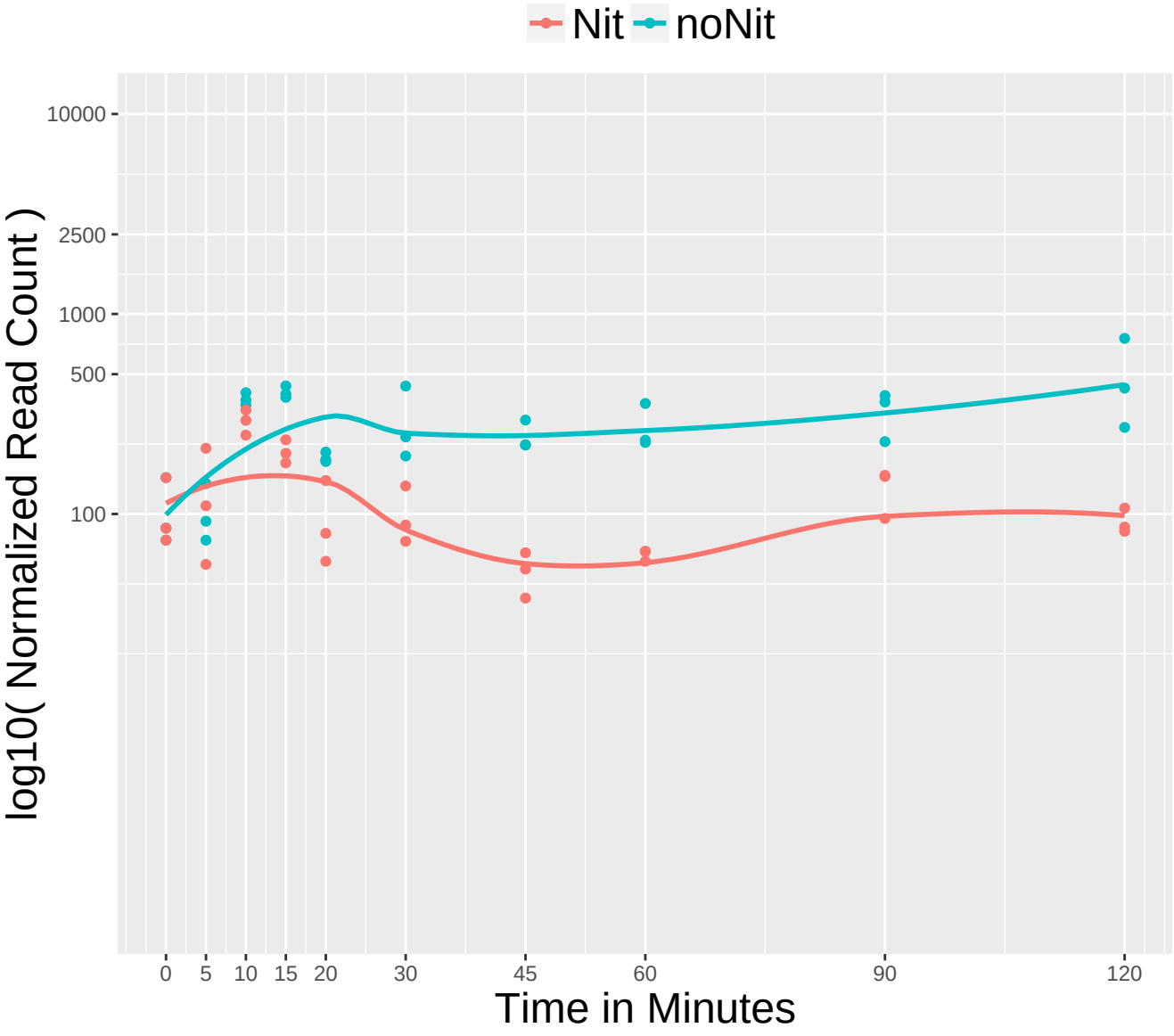

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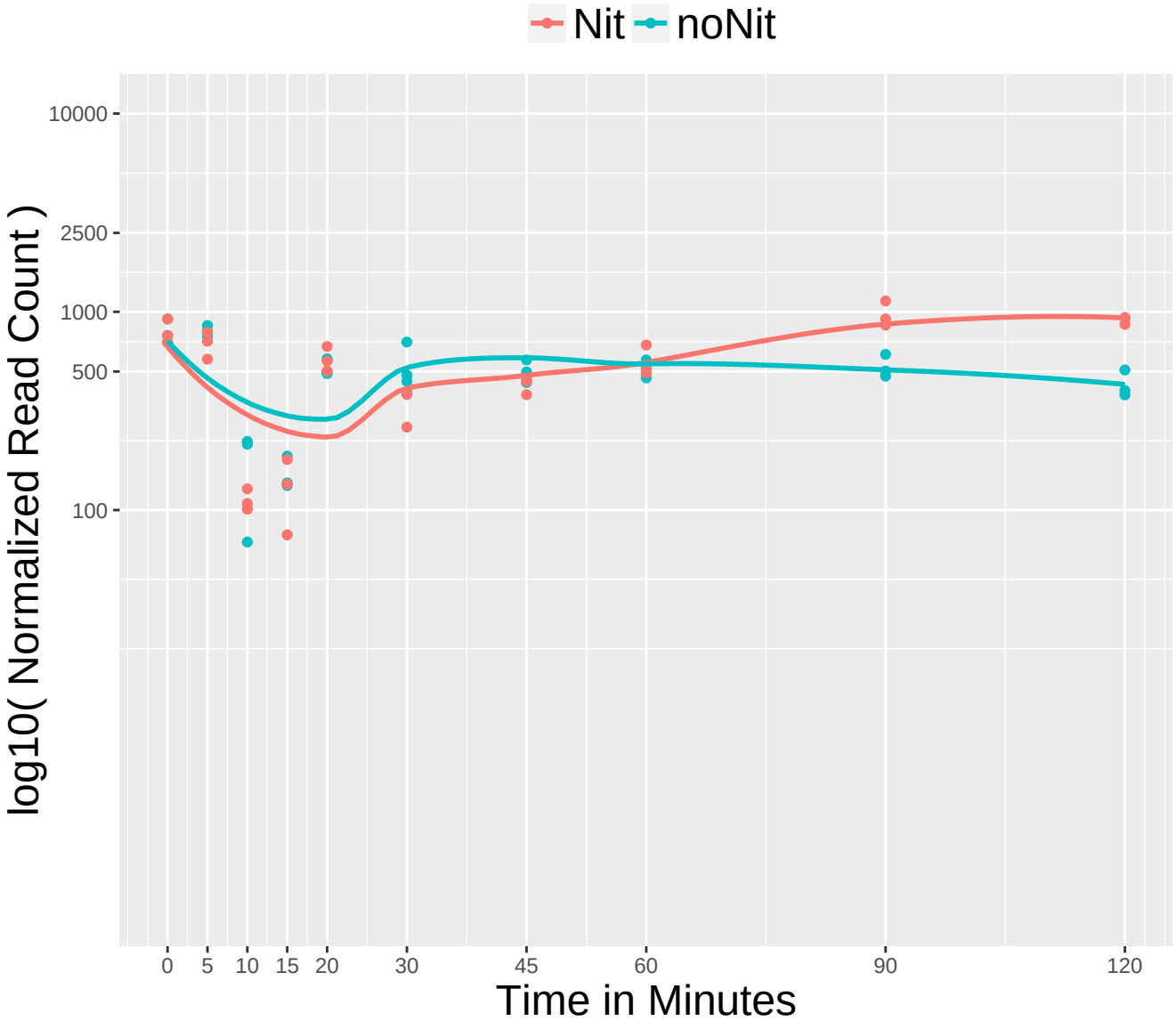
PR1,EARLY−PHYTOCHROME−RESPONSIVE1,RVE7,RE



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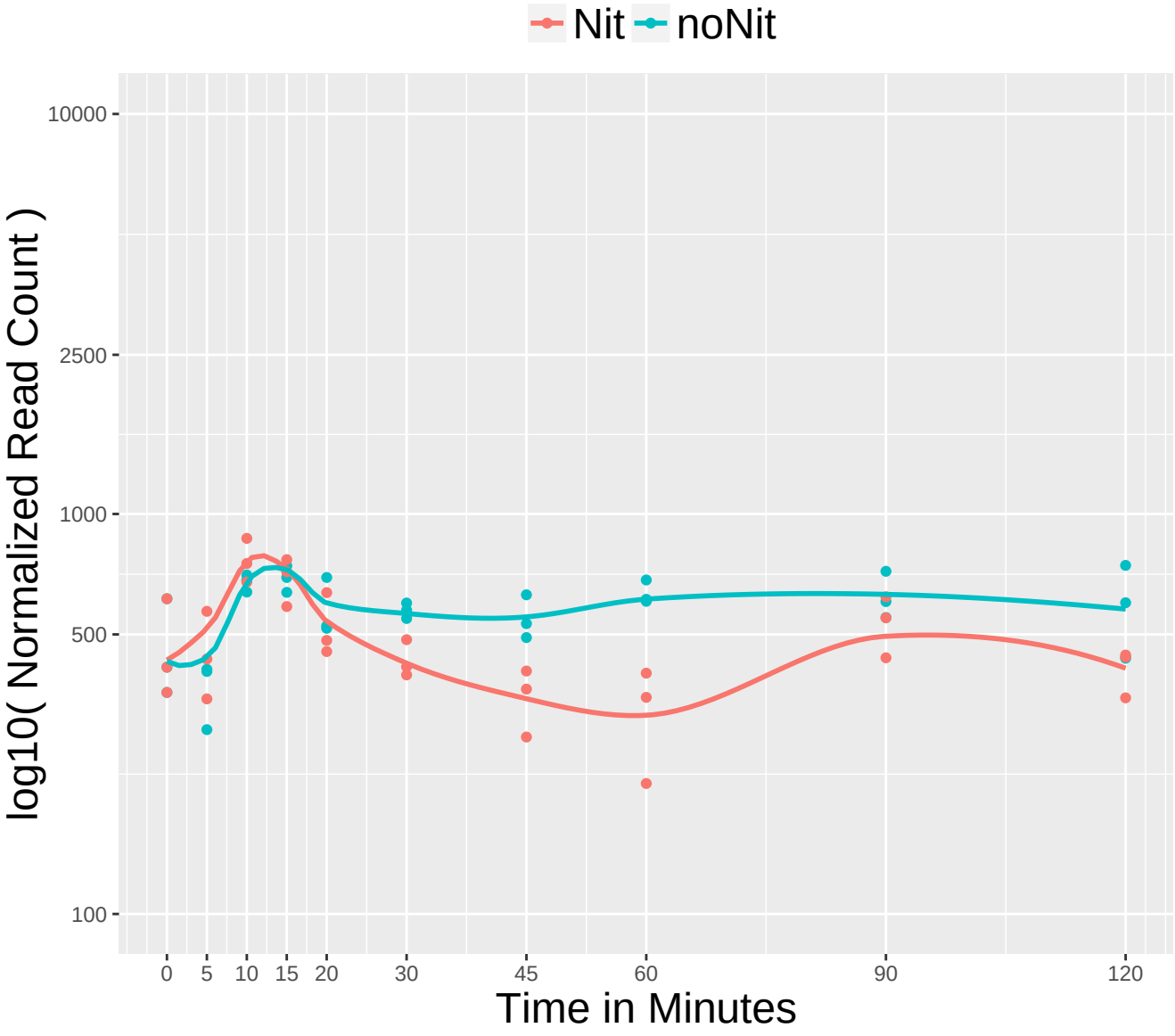
leucine−rich



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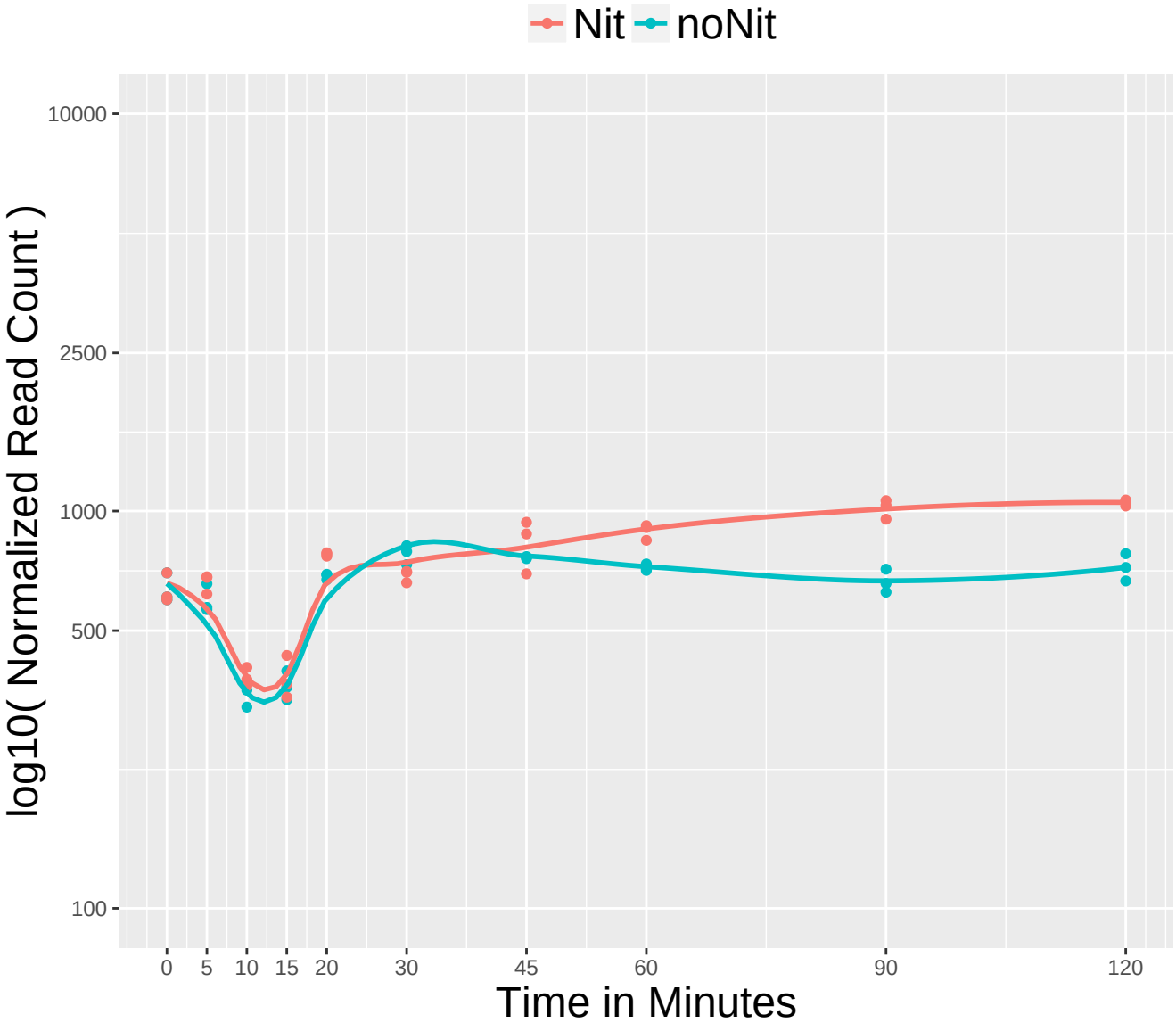

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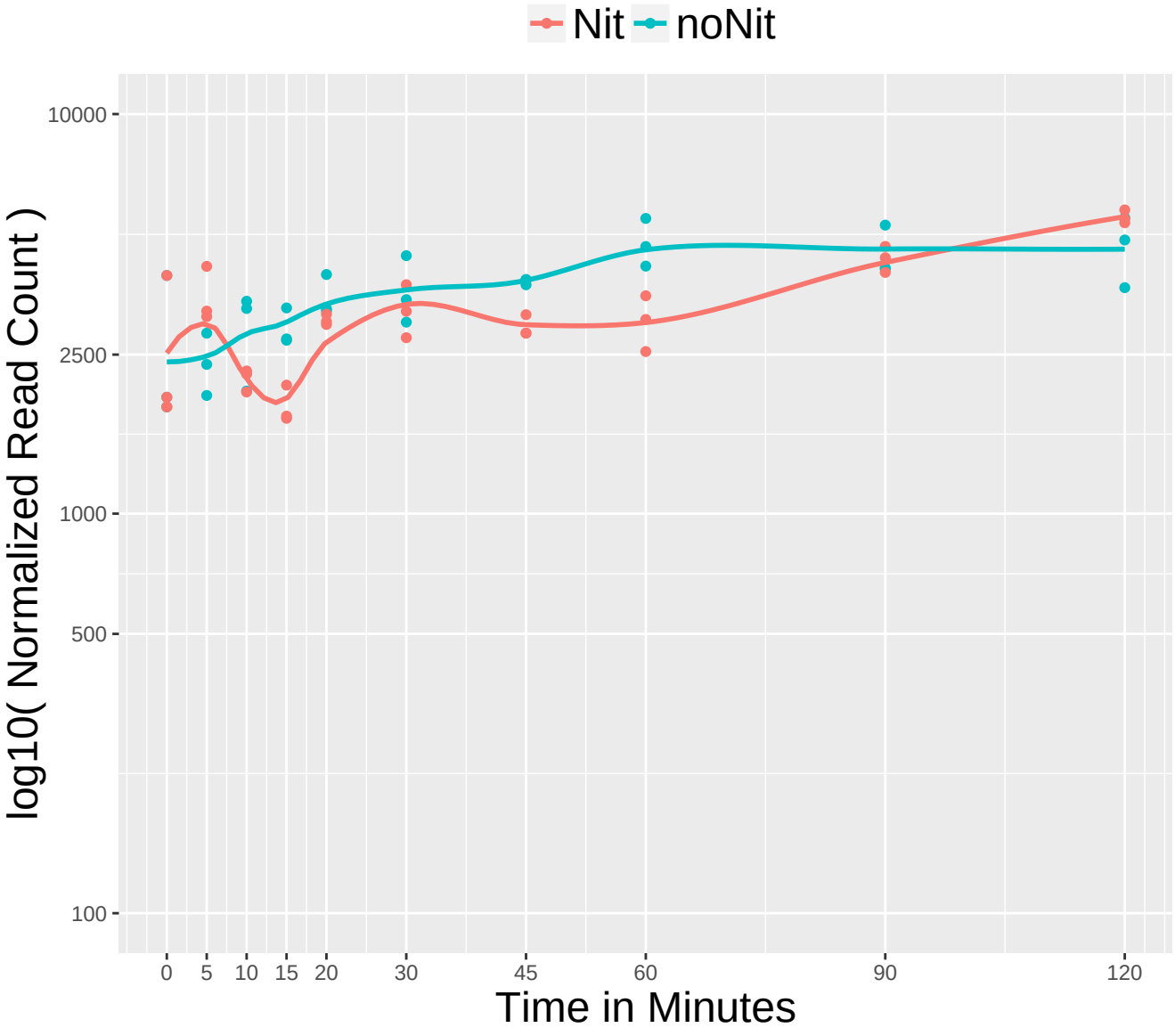

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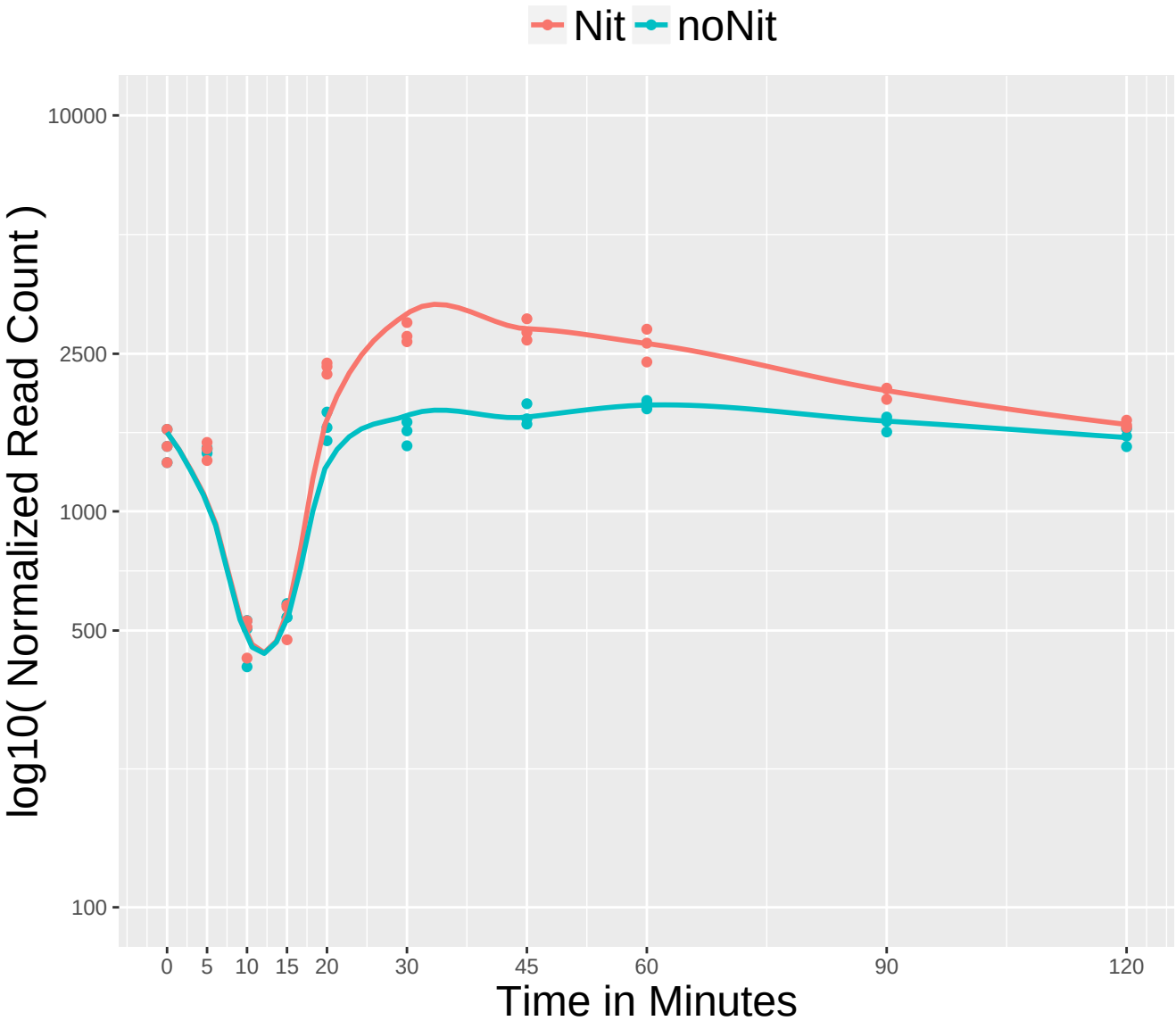
Phosphoglycerate



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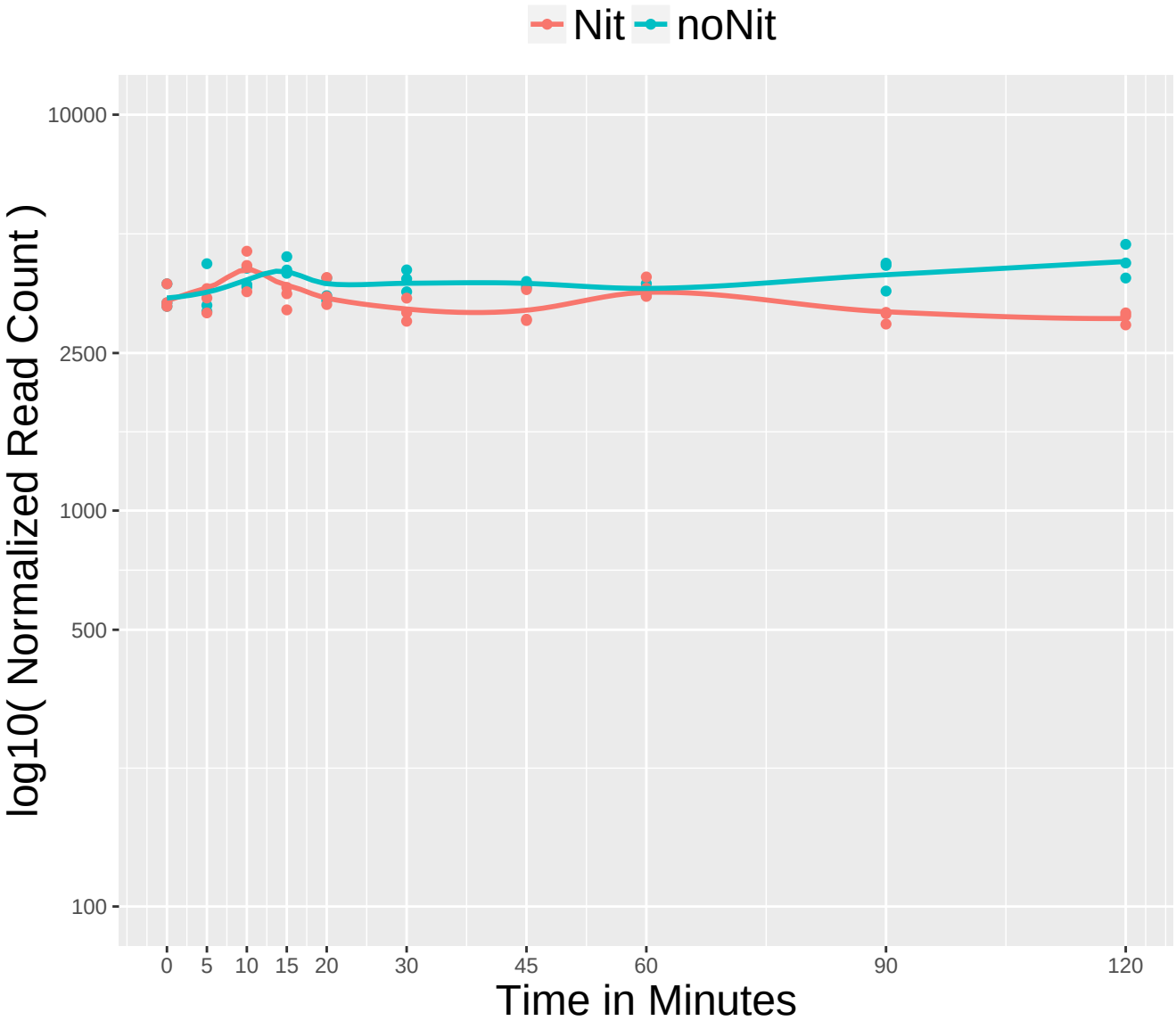

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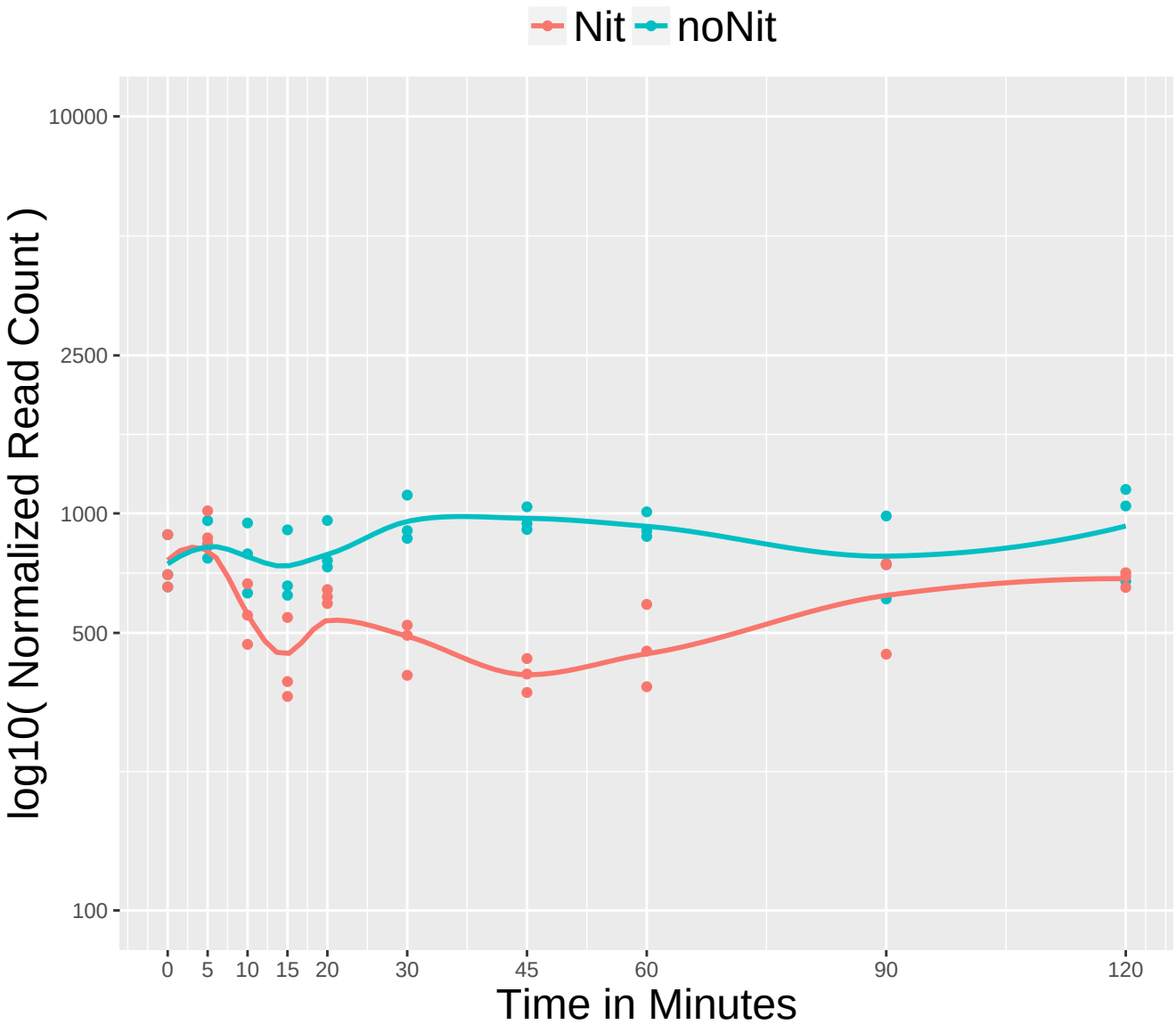

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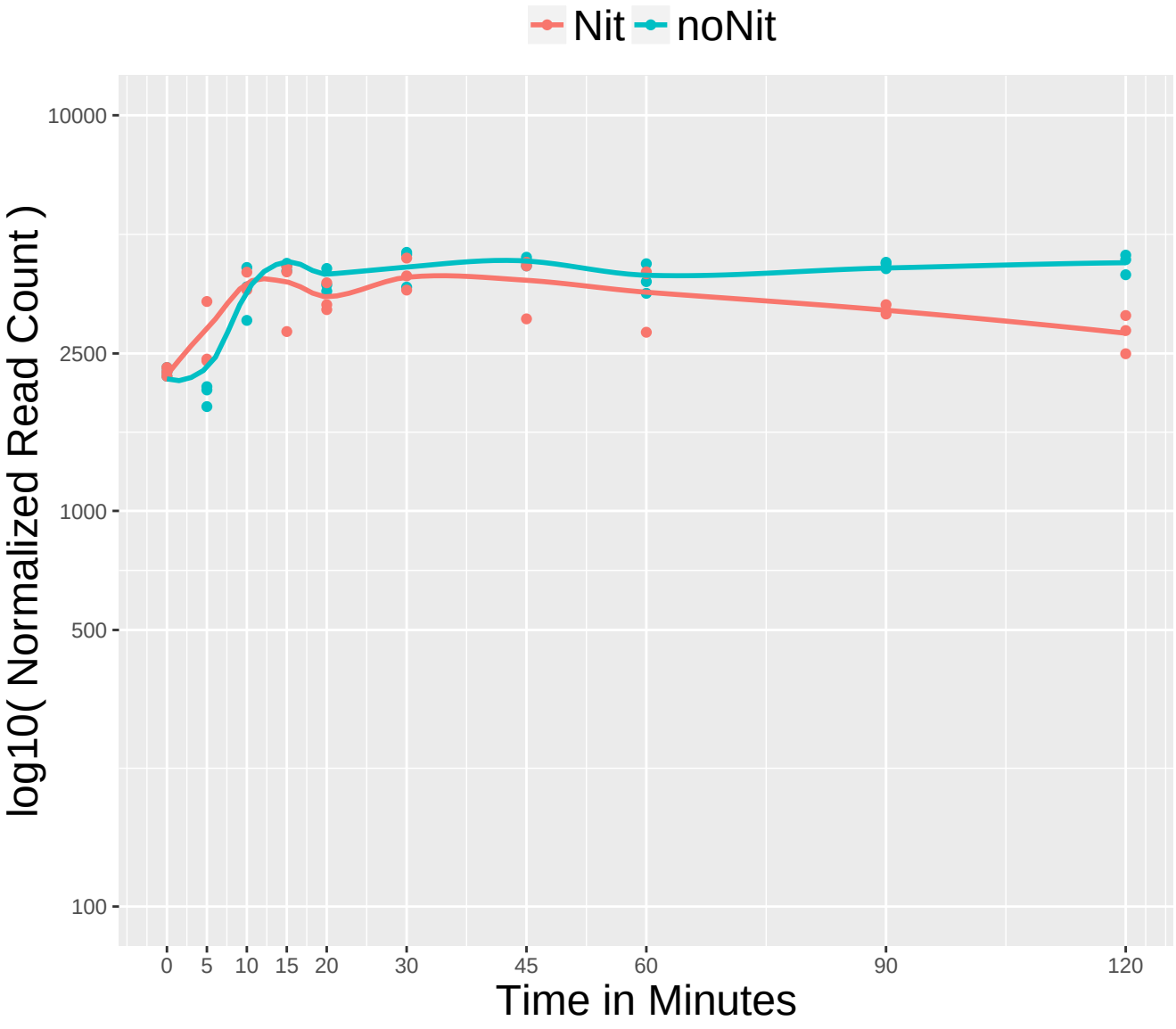
XXT5,xyloglucan



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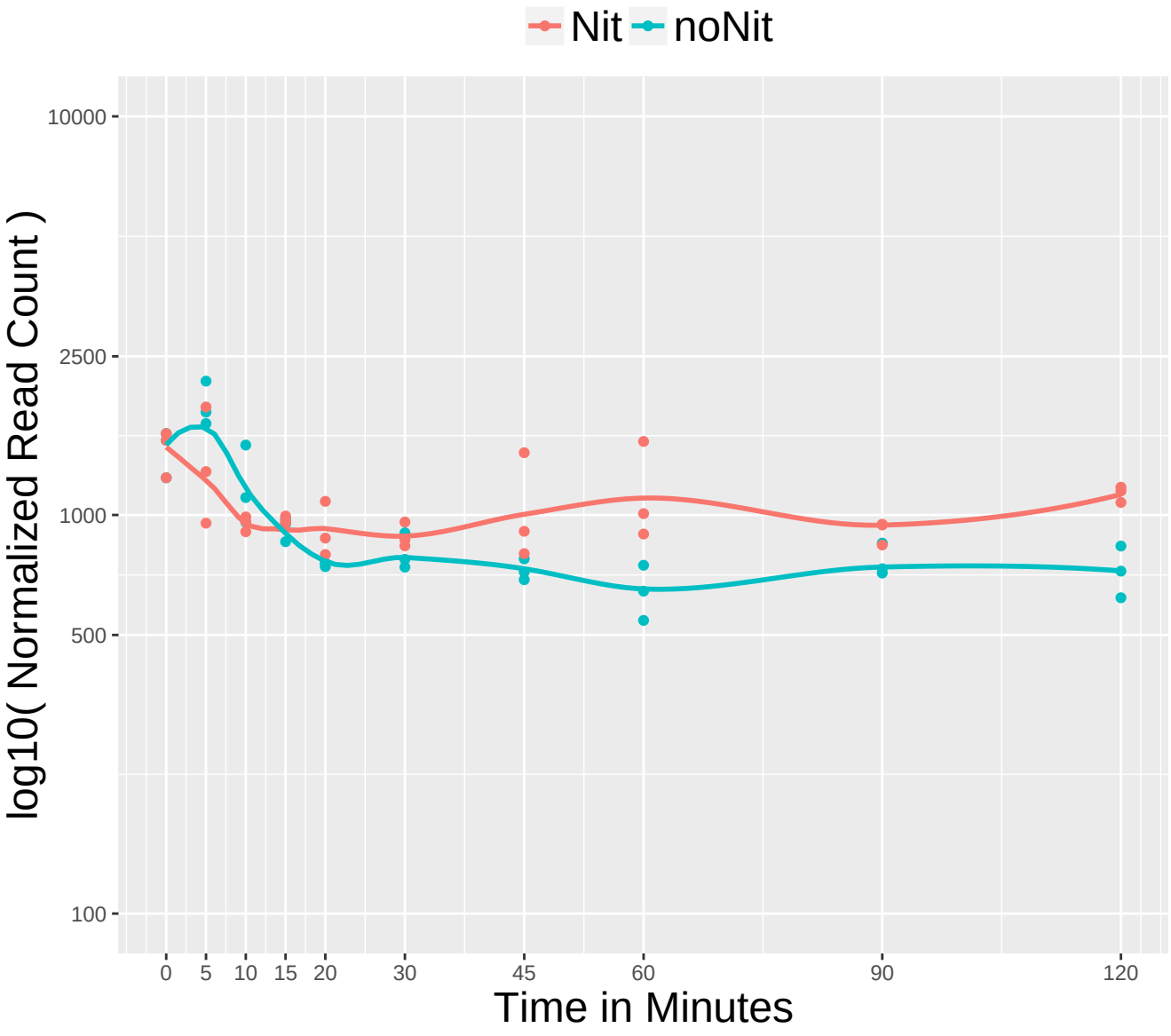
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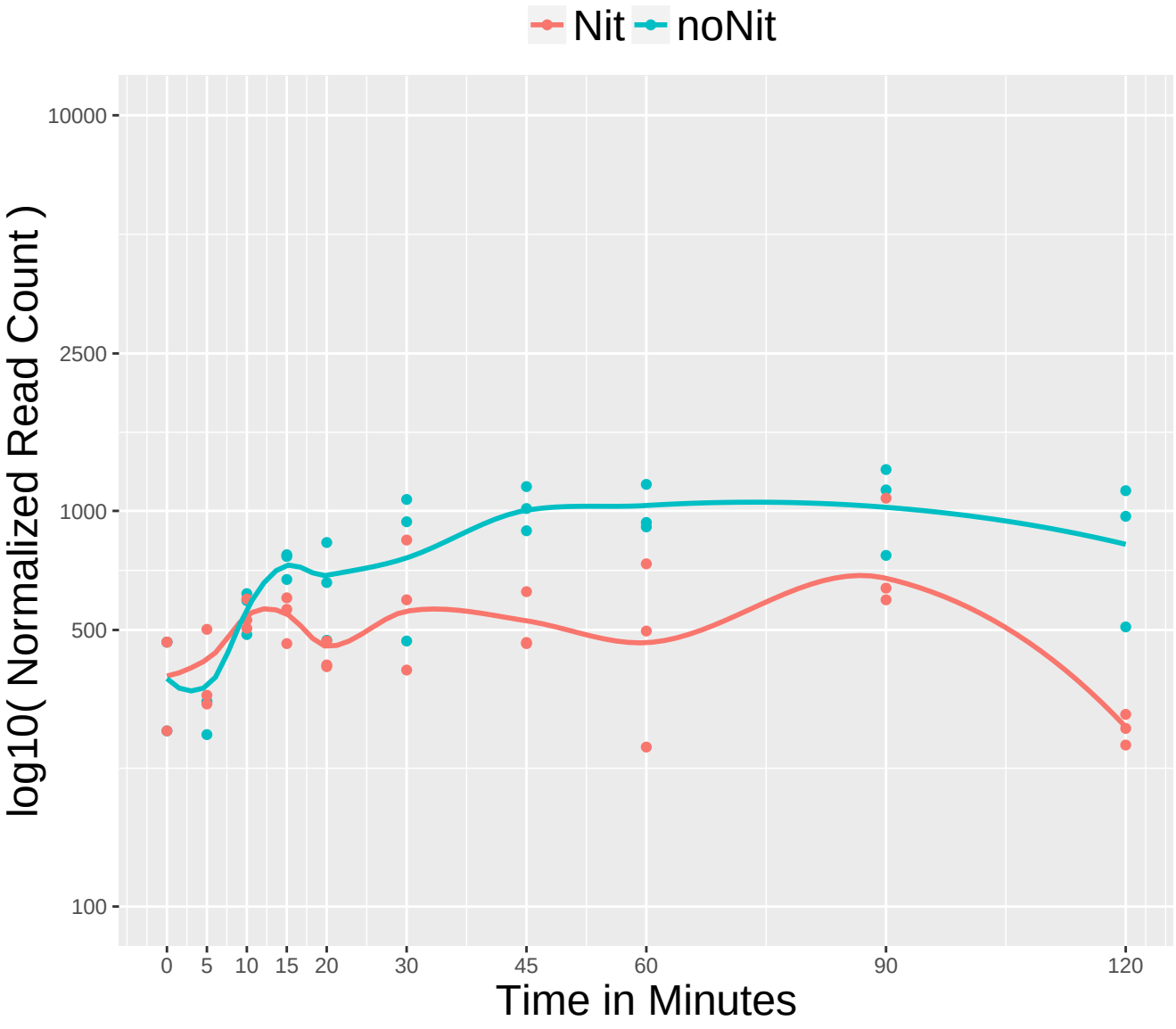

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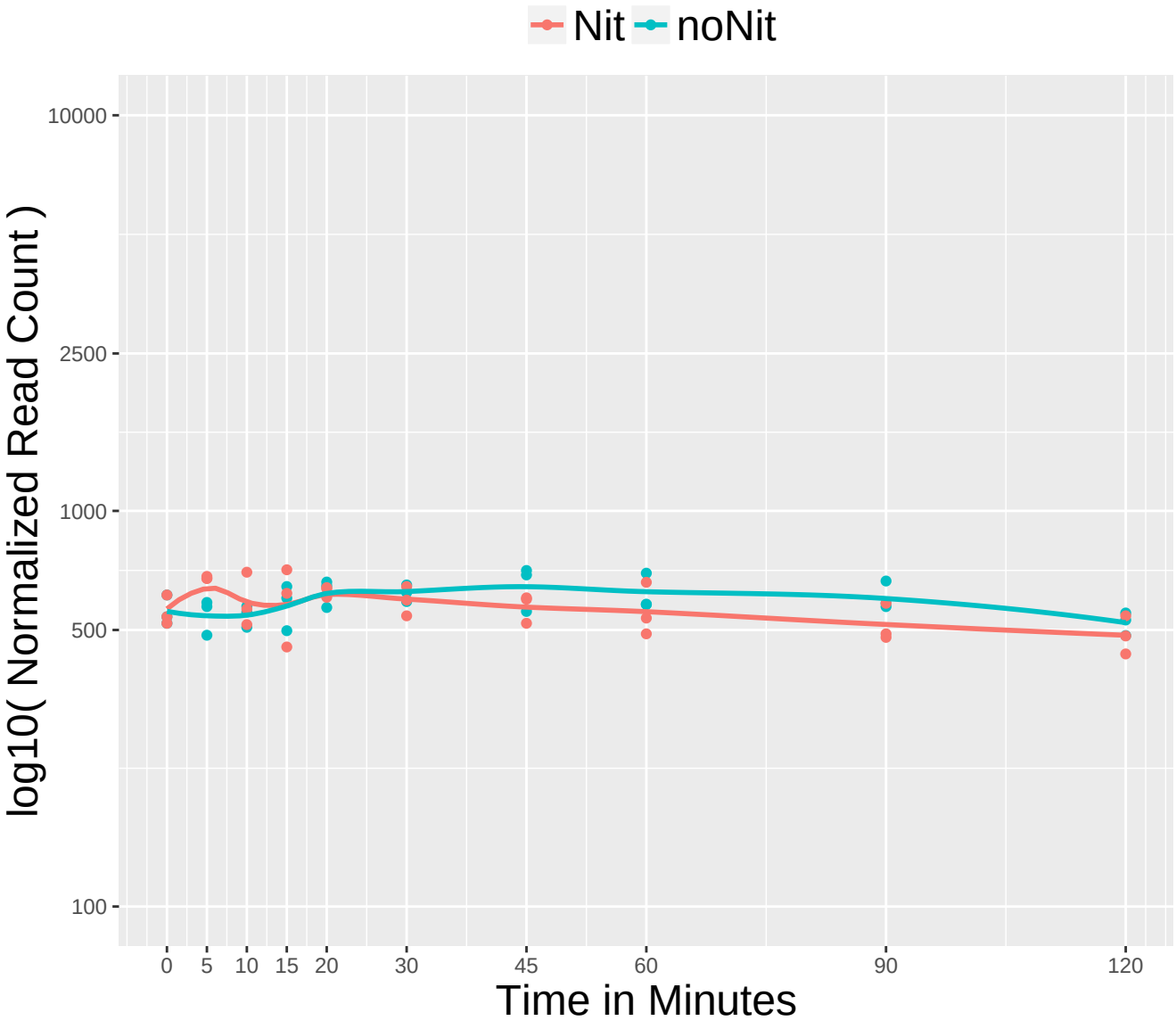

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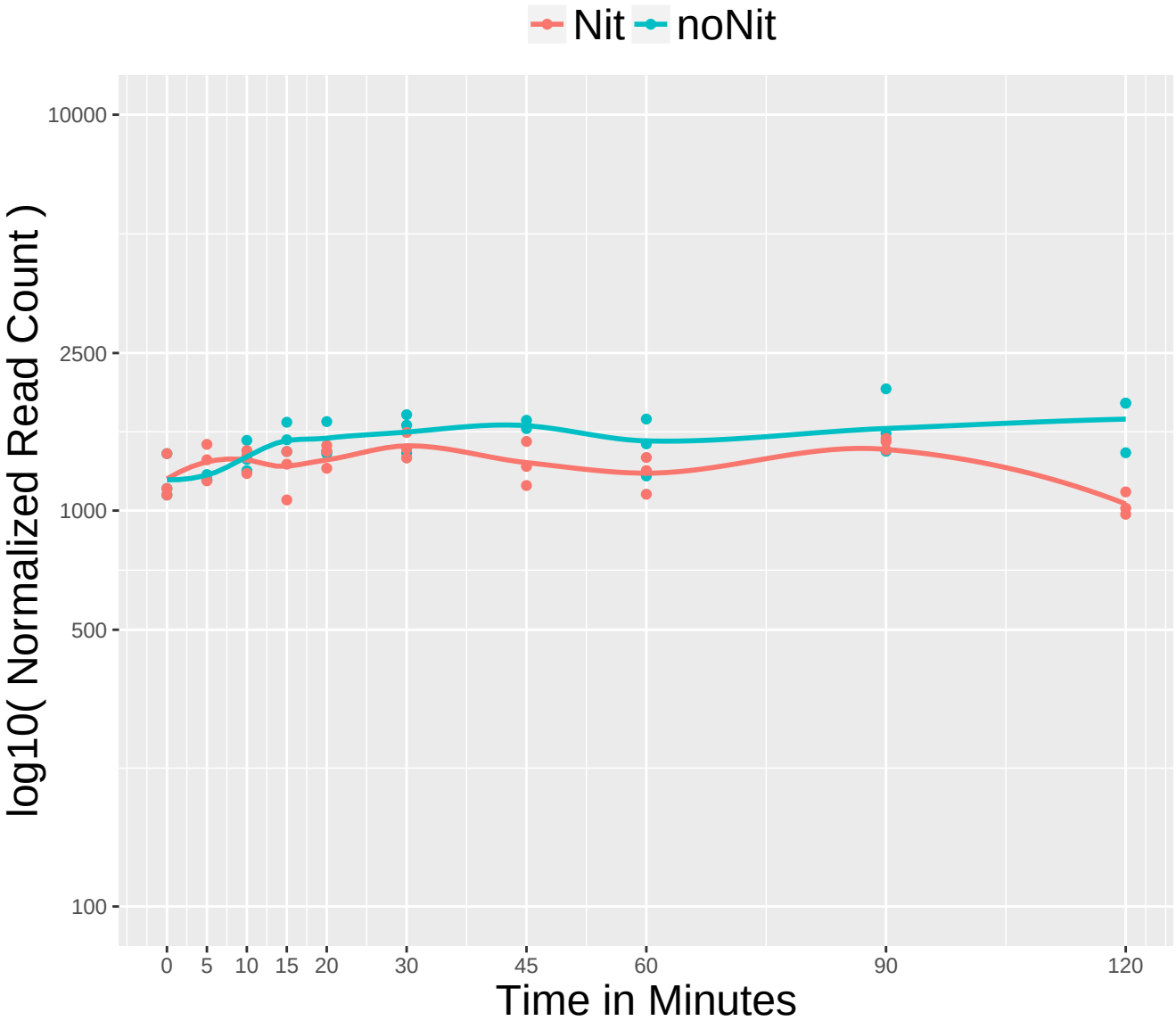
Ypt/Rab−GAP



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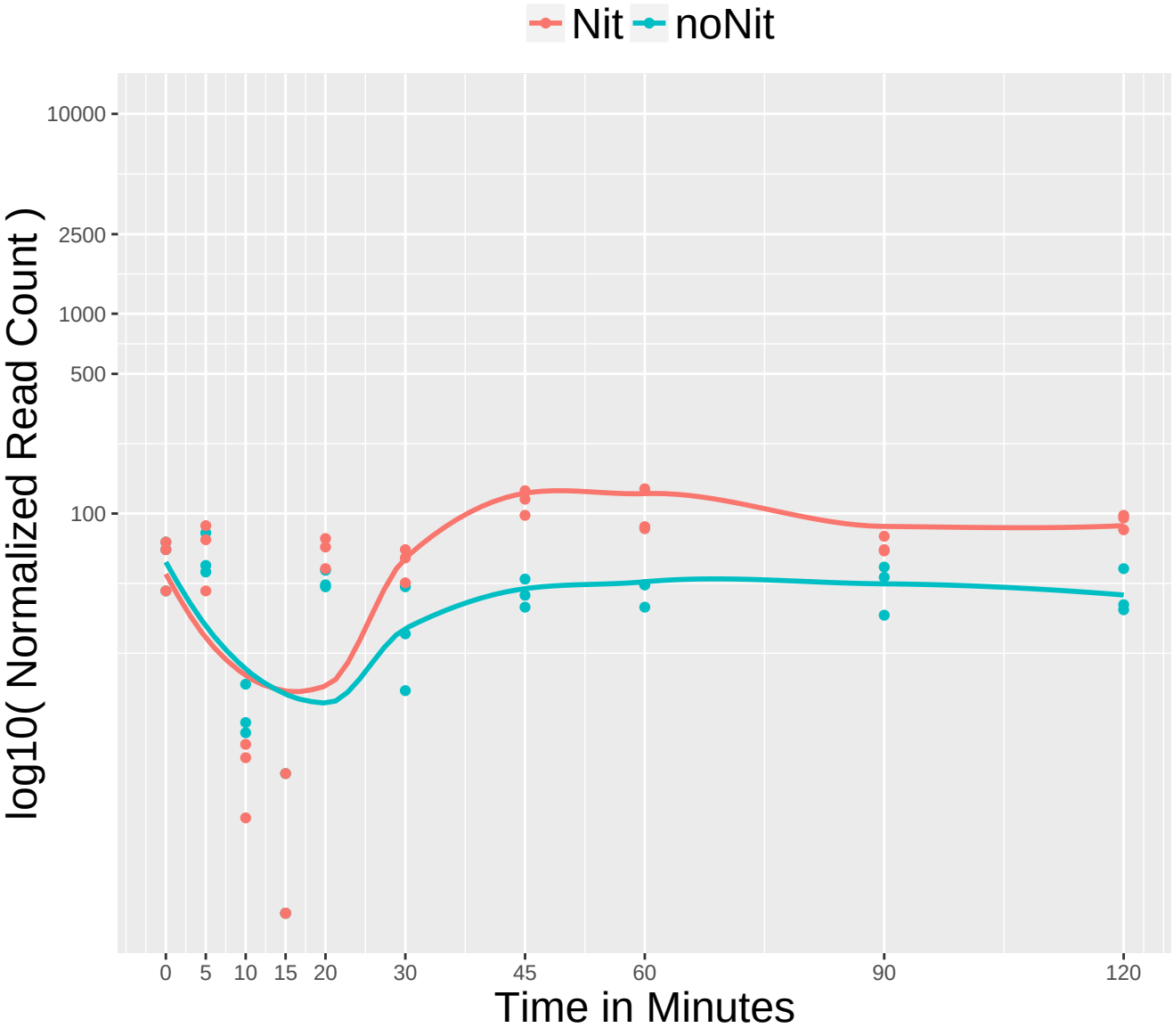

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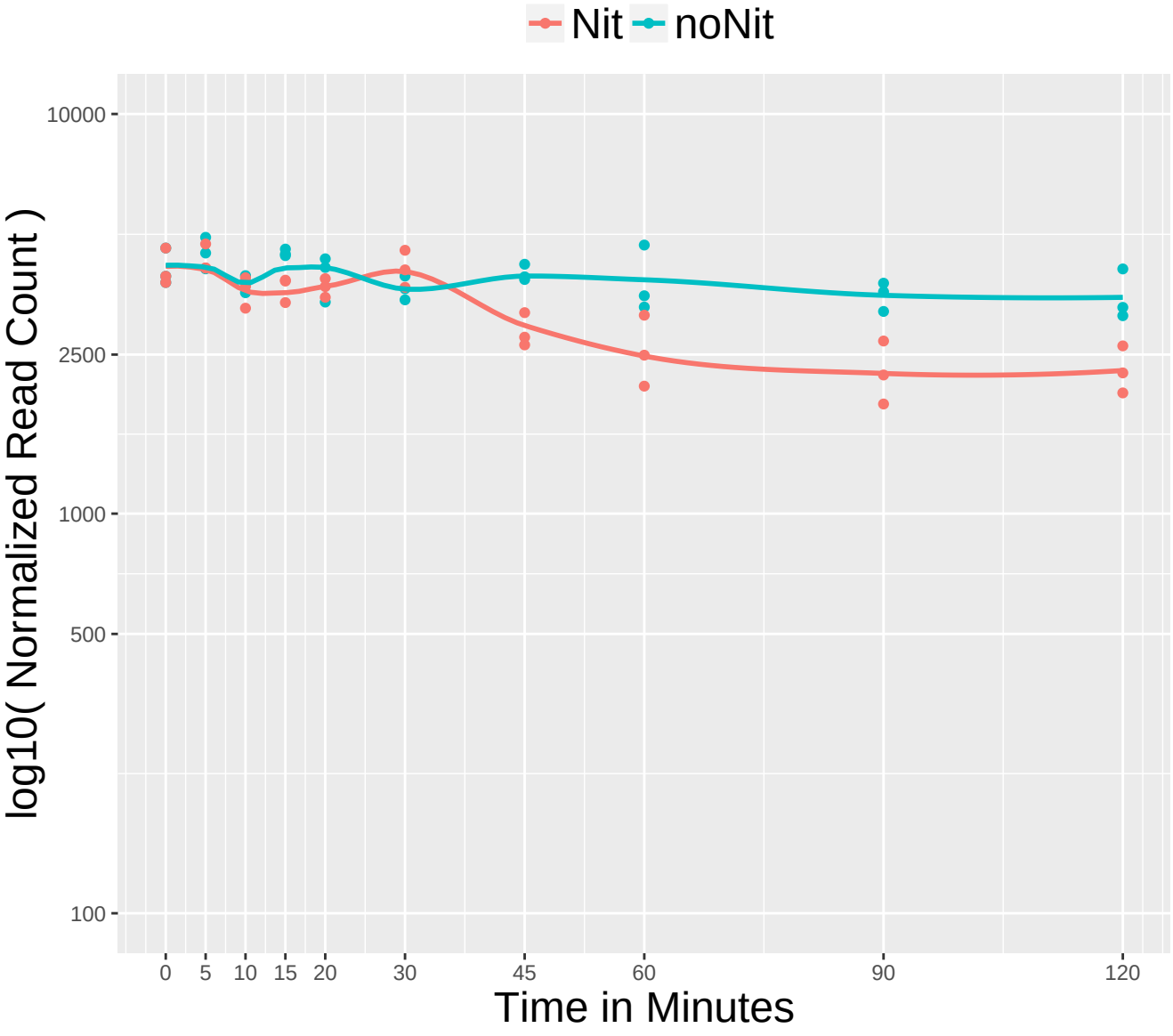
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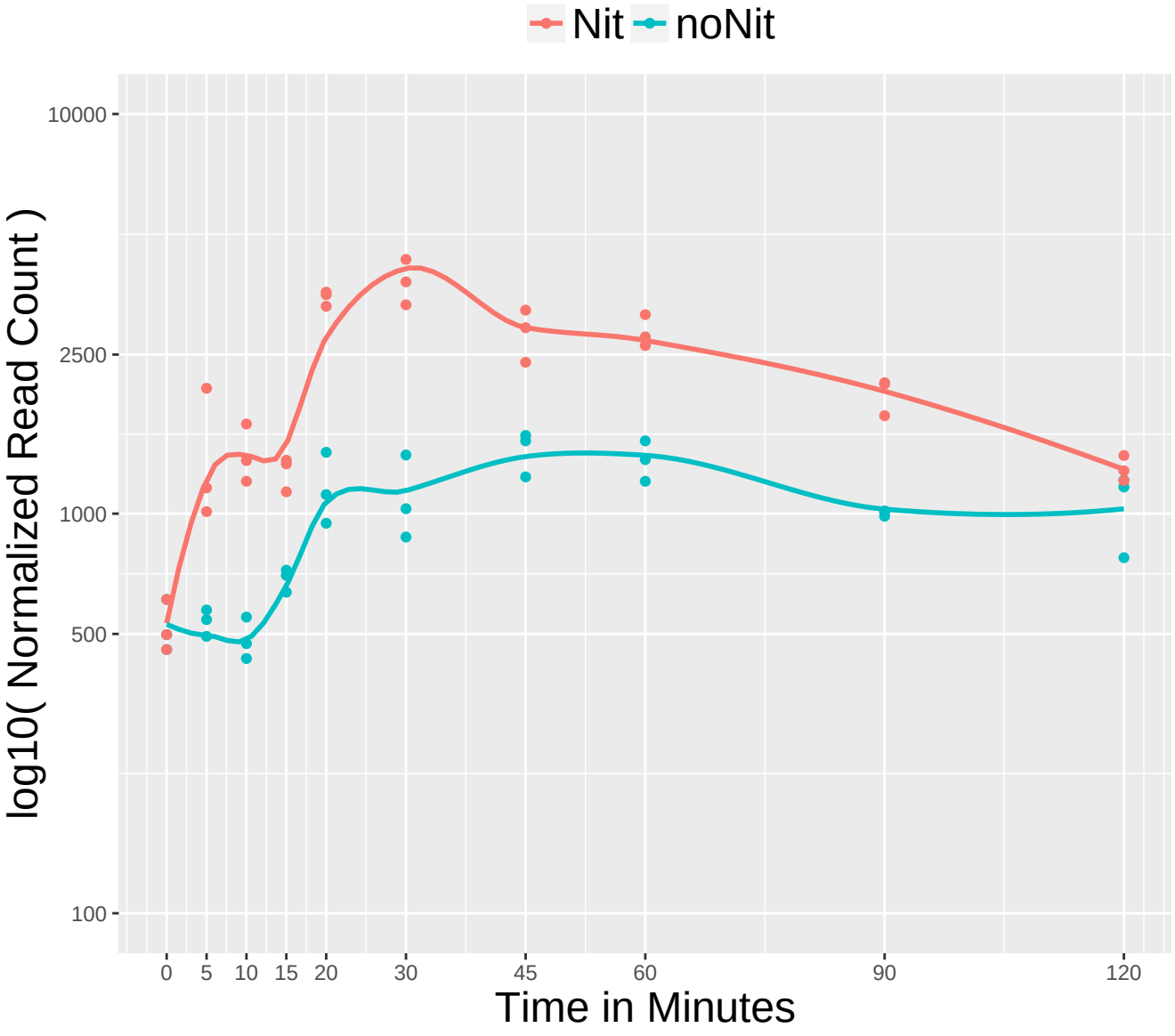

AT5G14120

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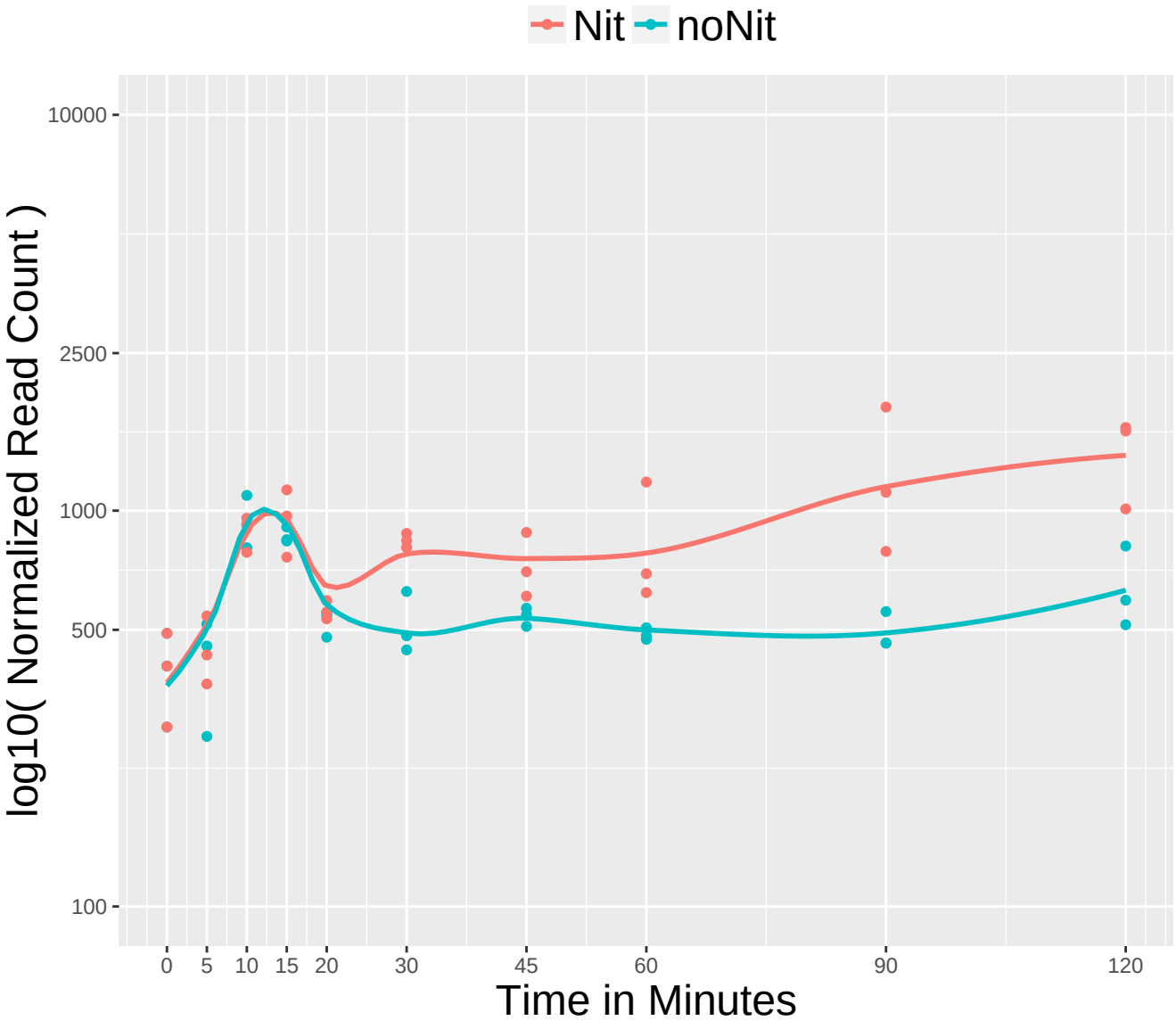

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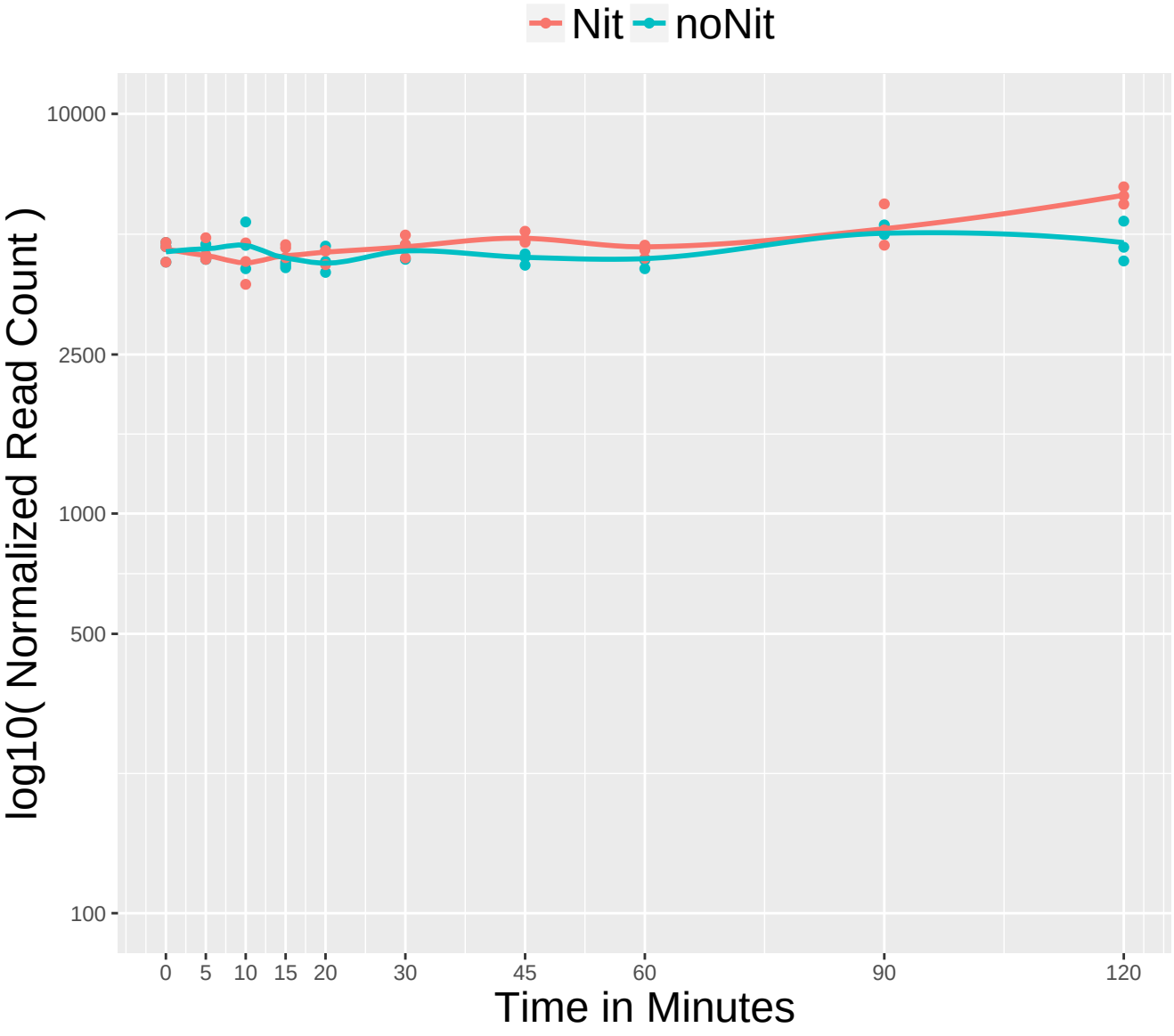
Aluminium



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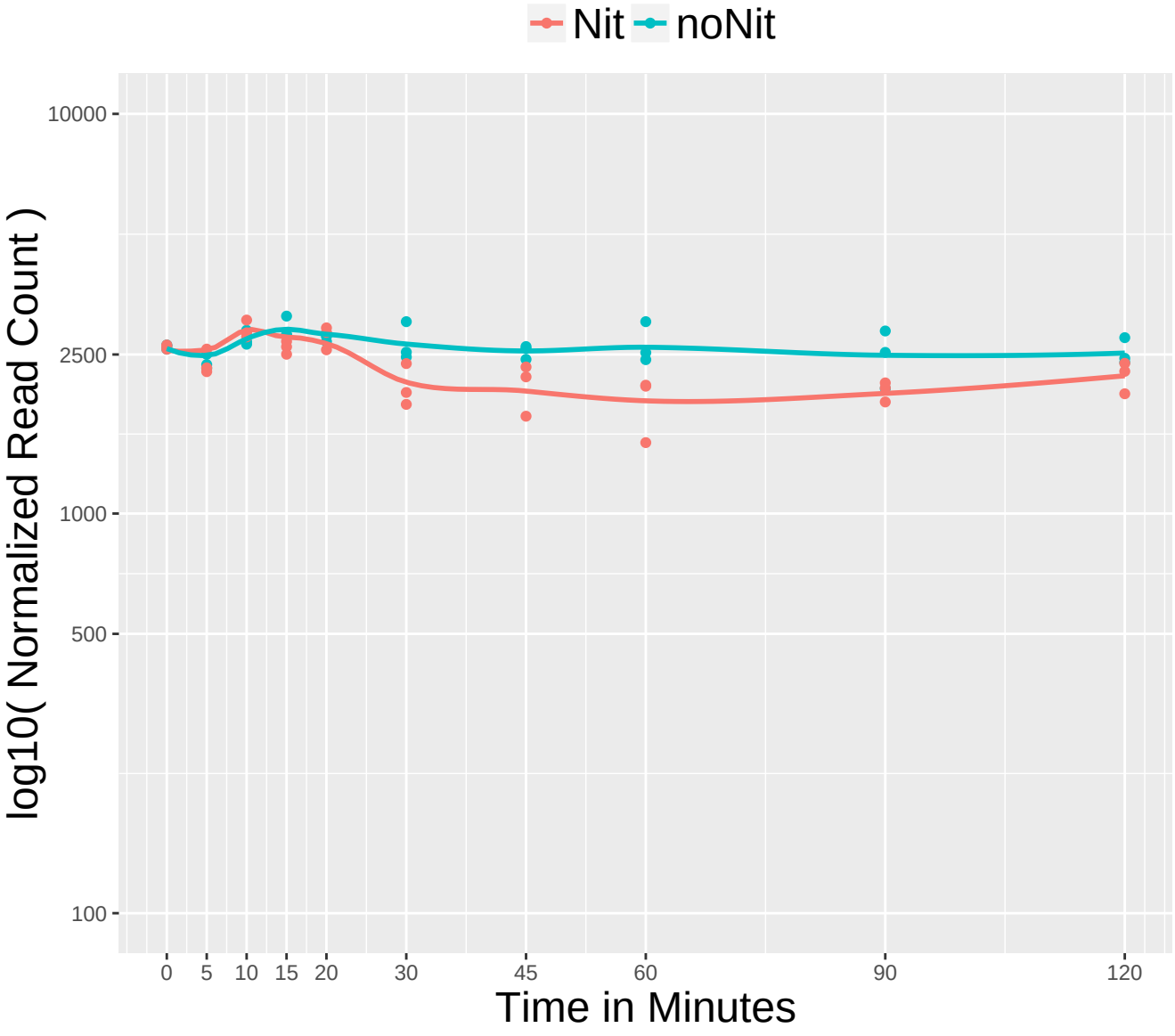
Protein



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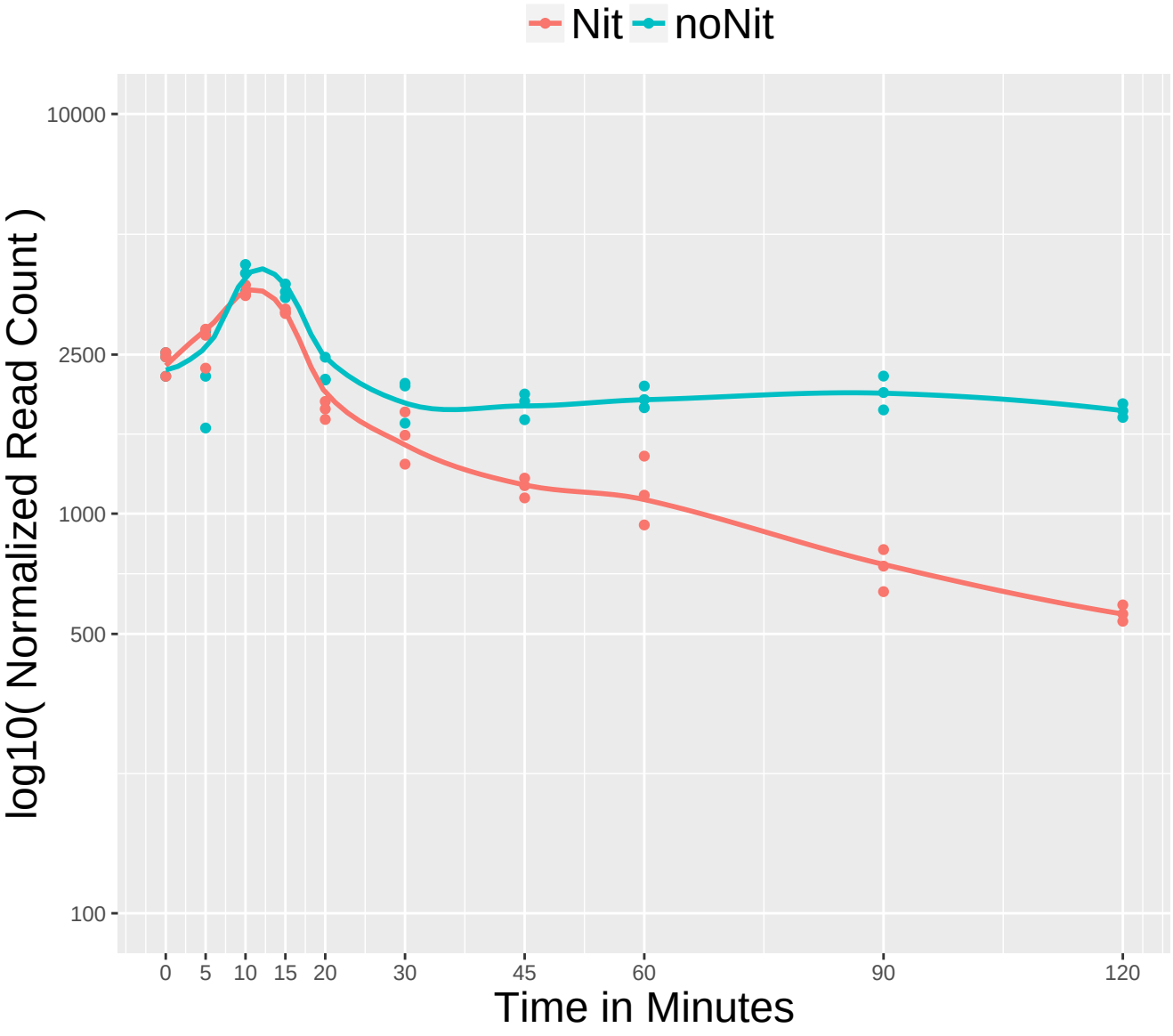
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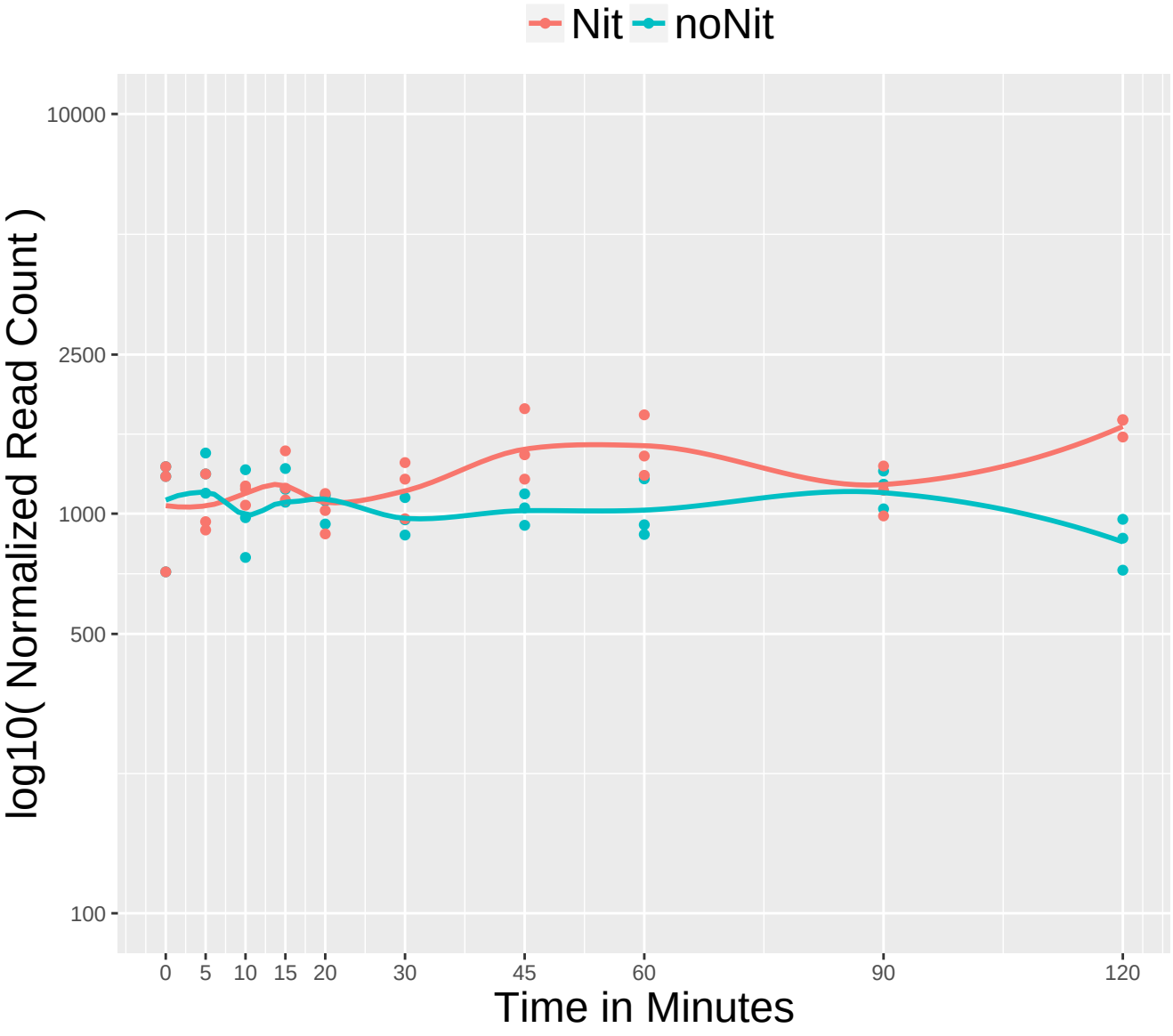
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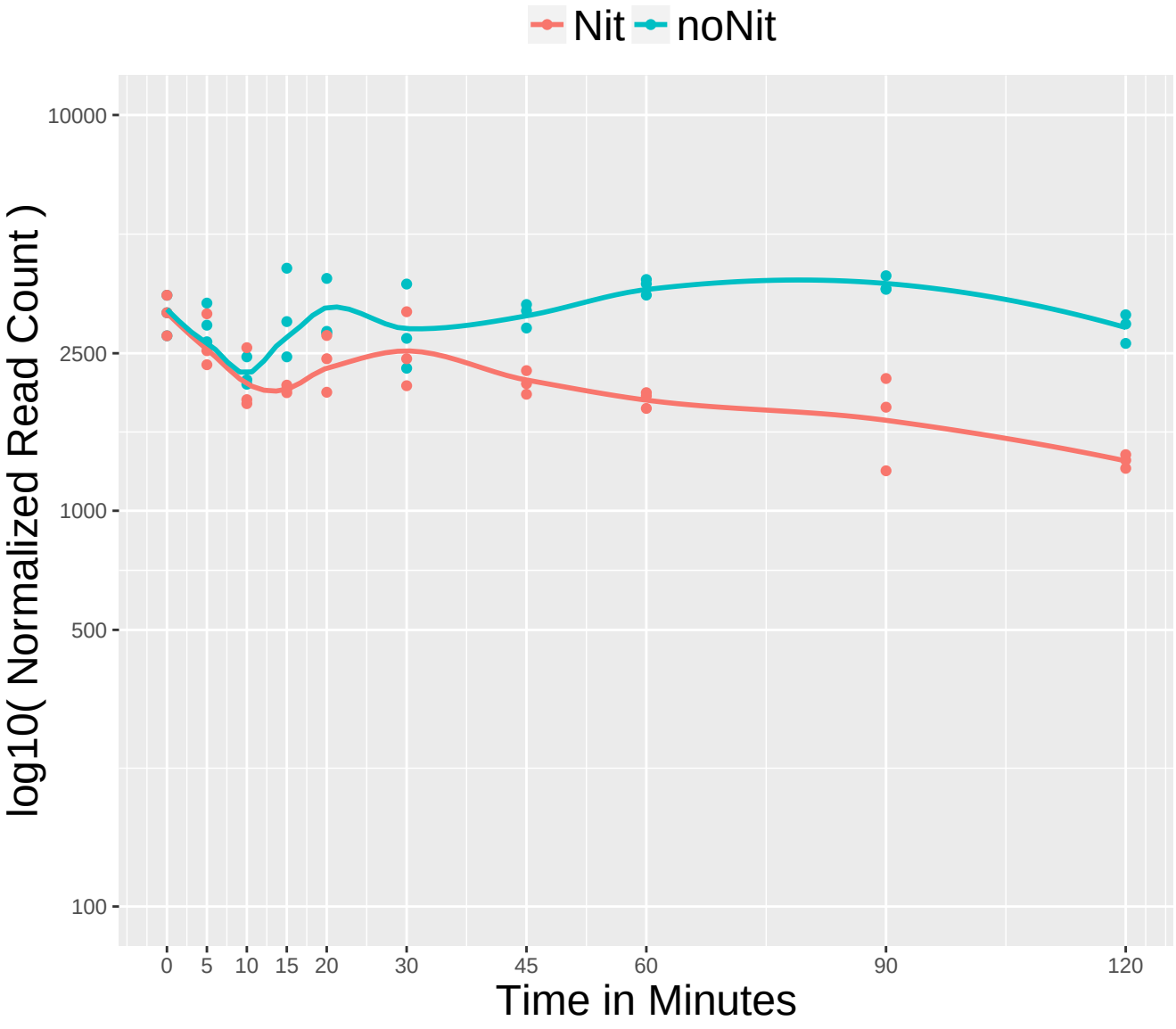

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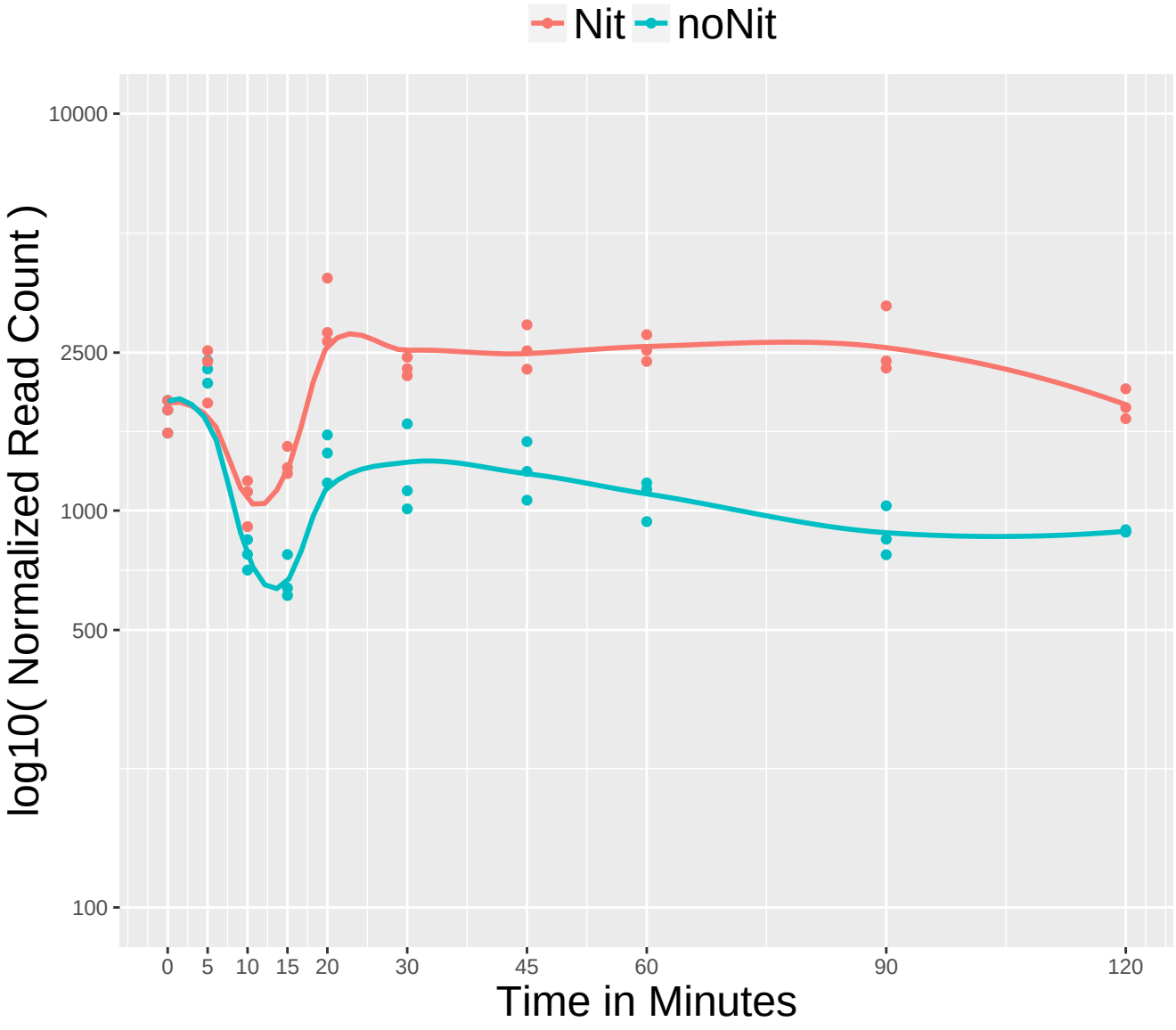
CHI2,CHIBI



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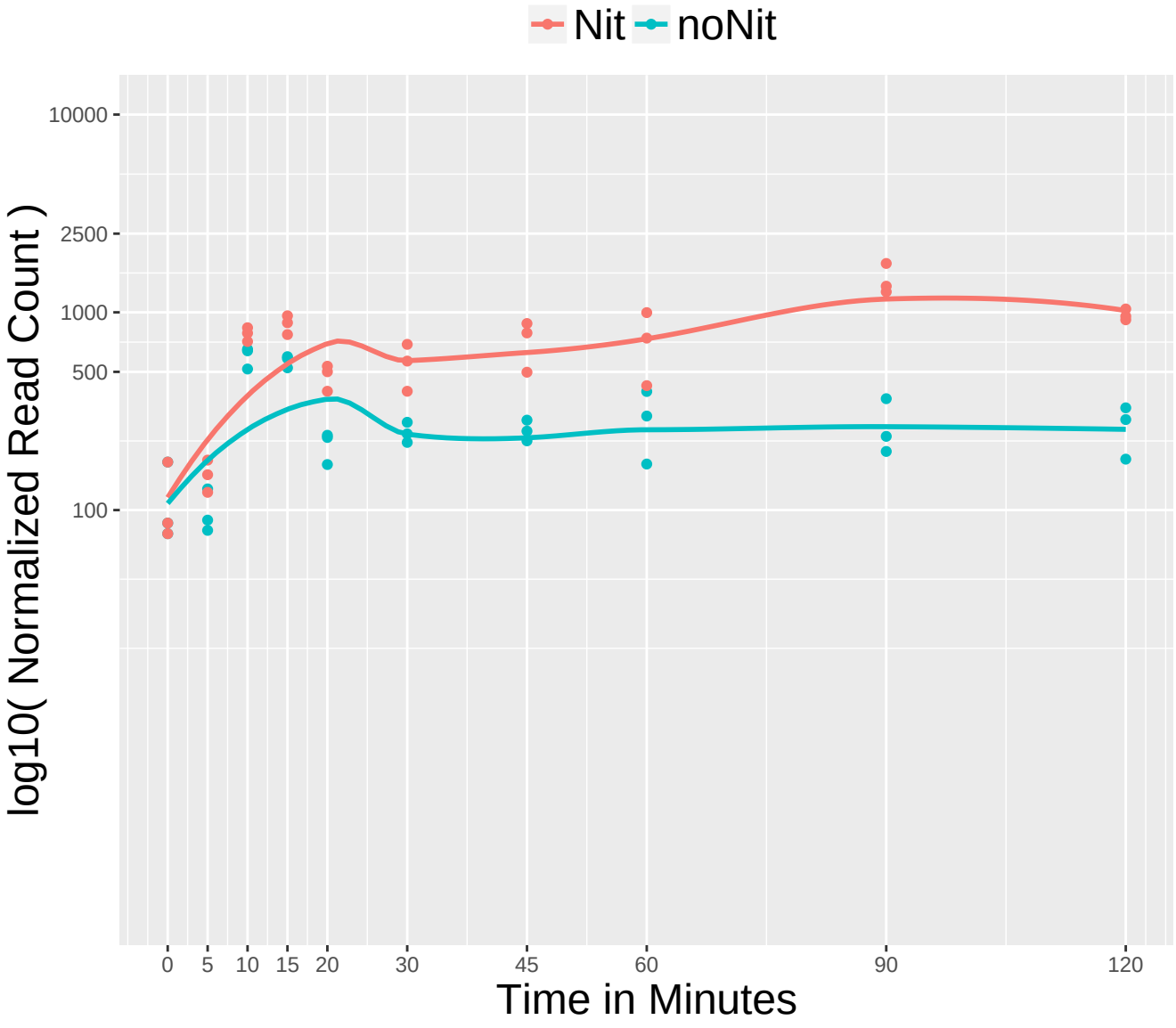
AtATL15,Arabidopsis



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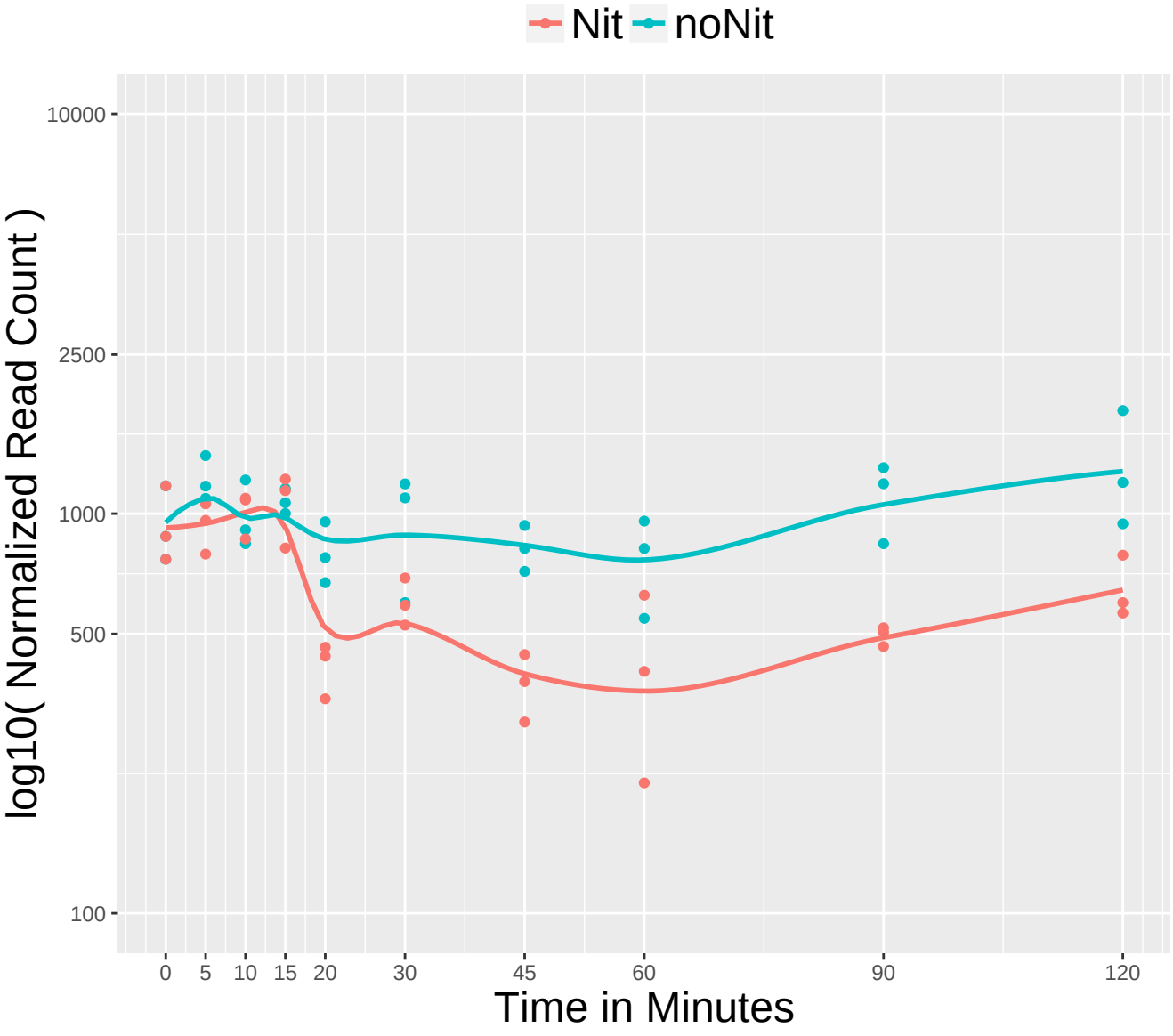
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AT1G64065

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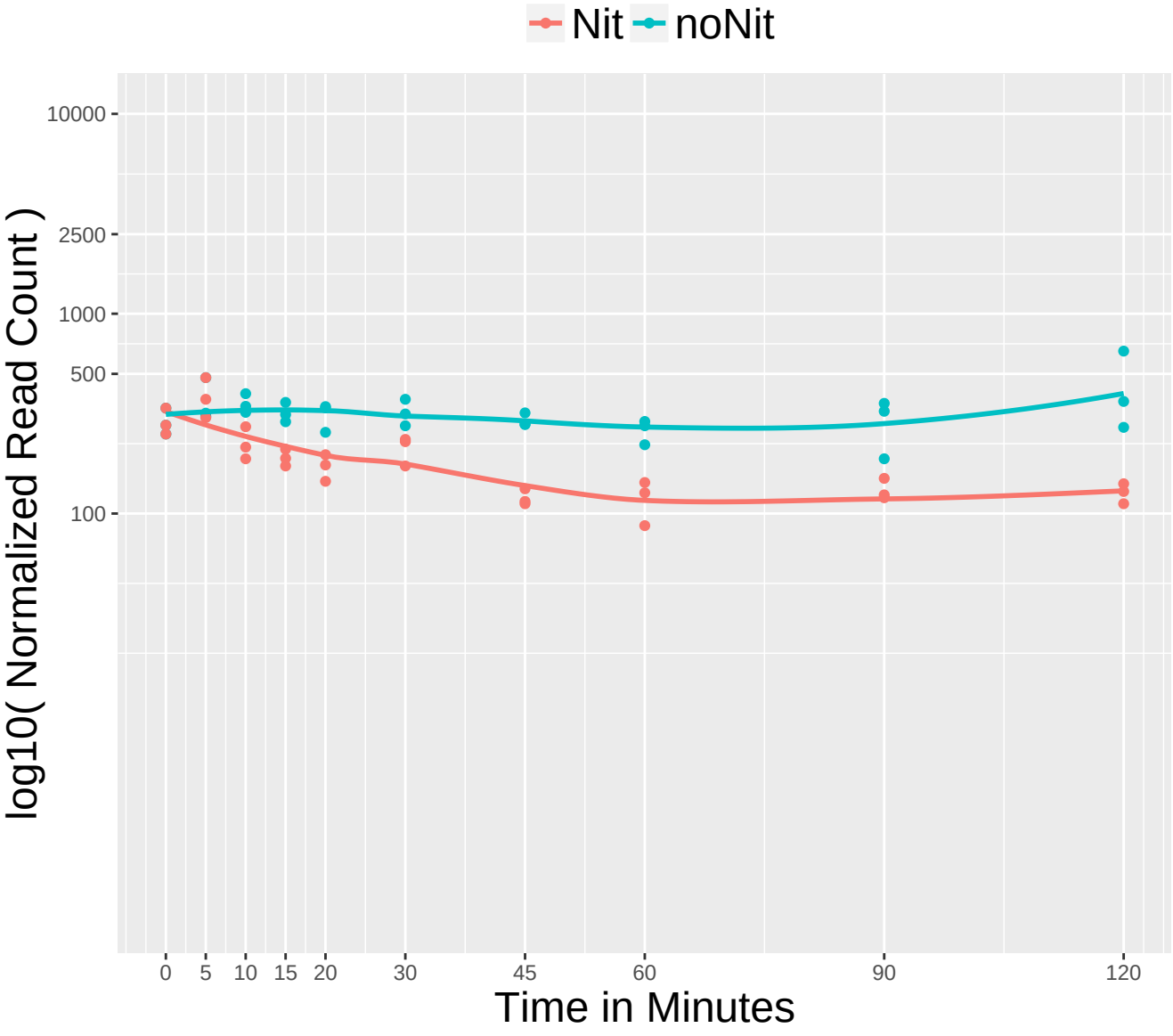

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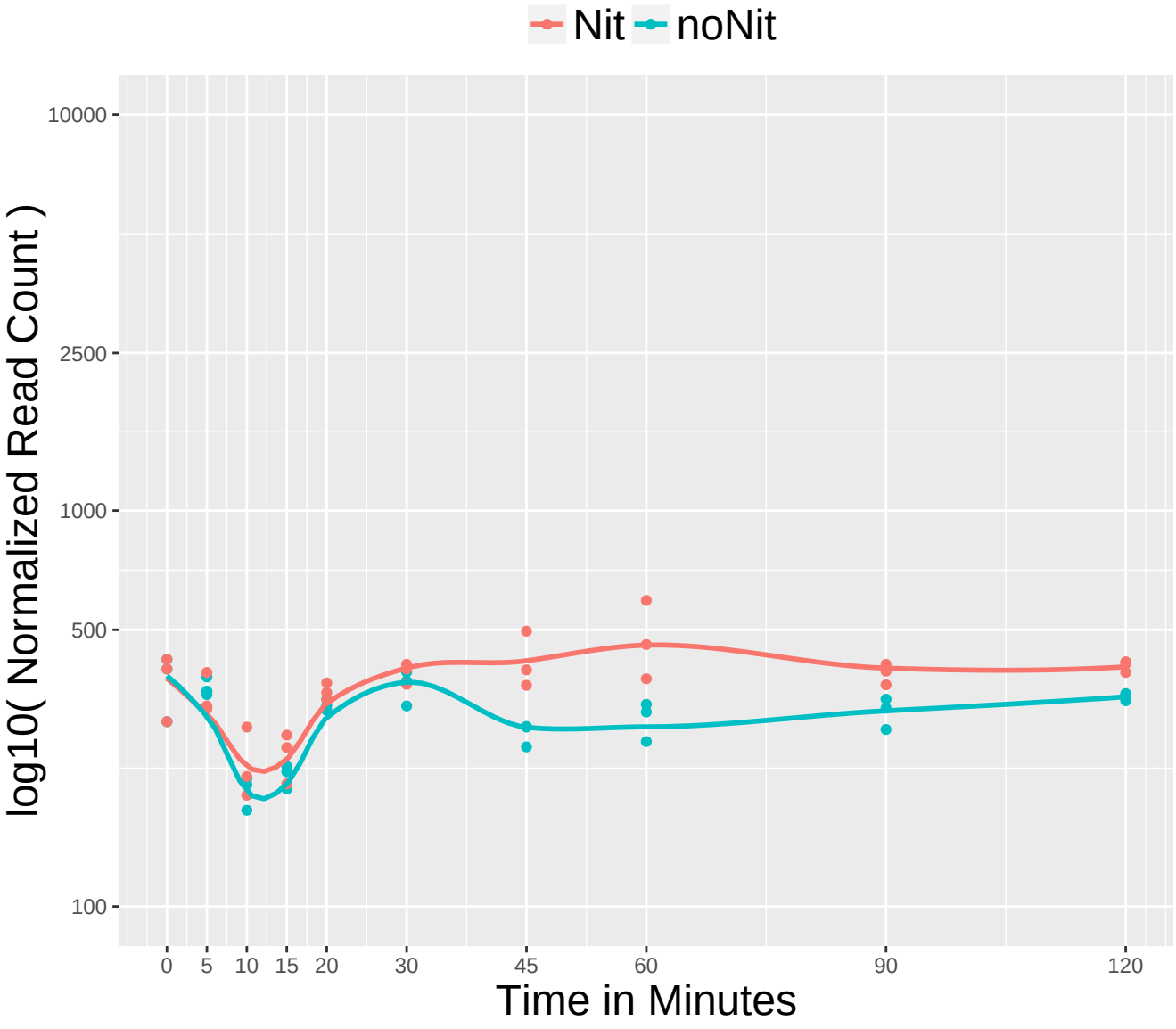
Ubiquitin−like



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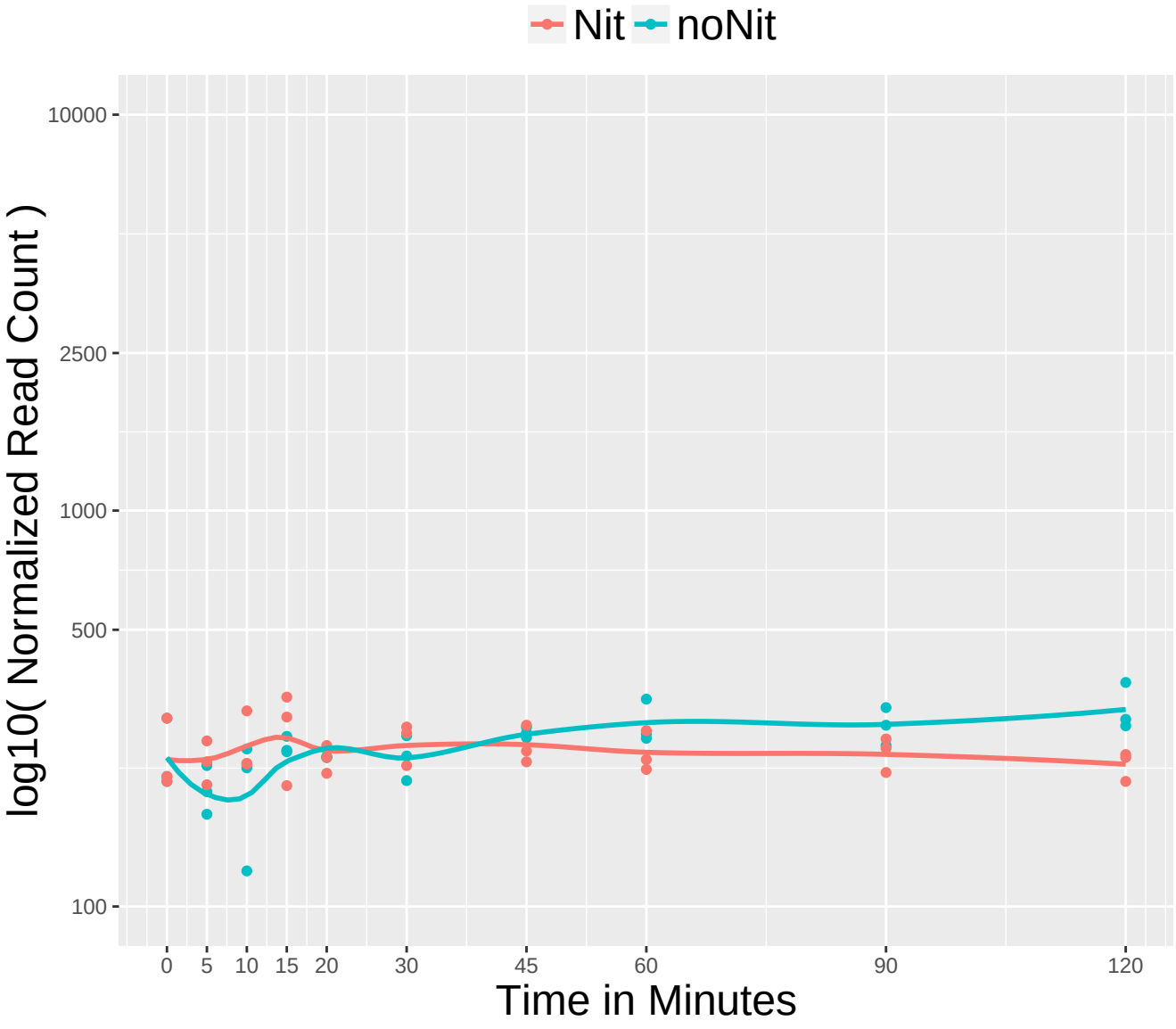
Tetratricopeptide



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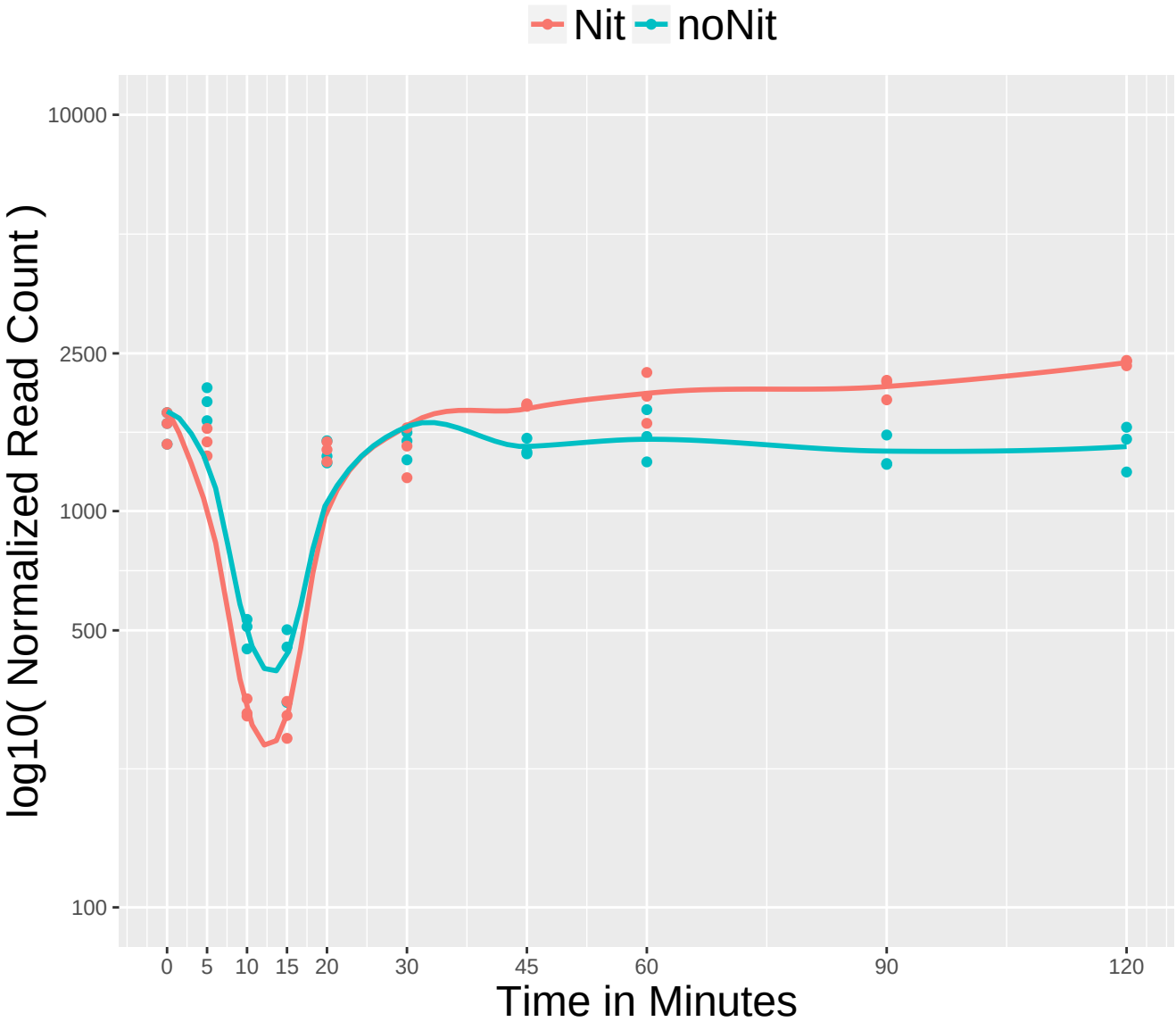
APUM23,pumilio



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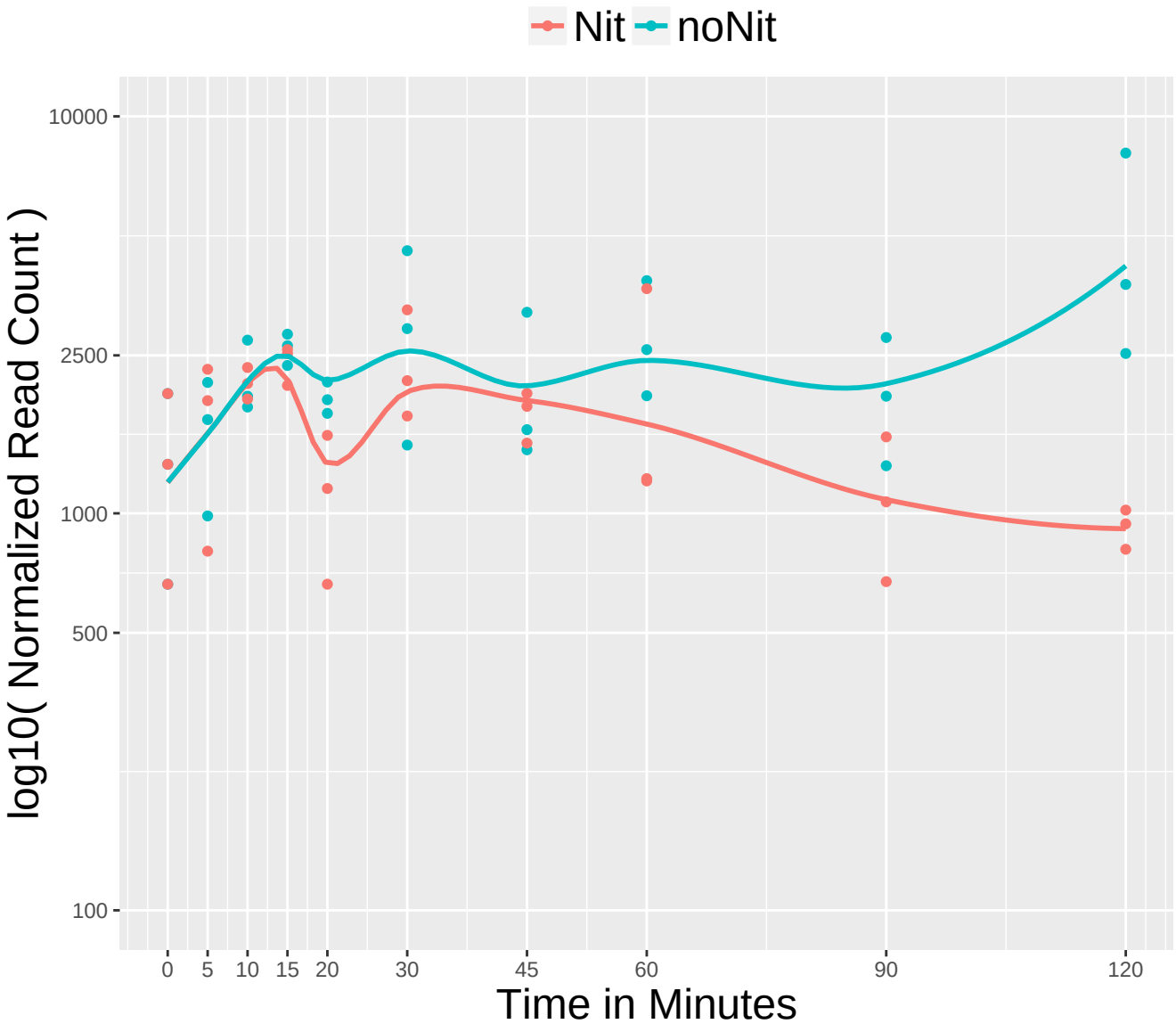

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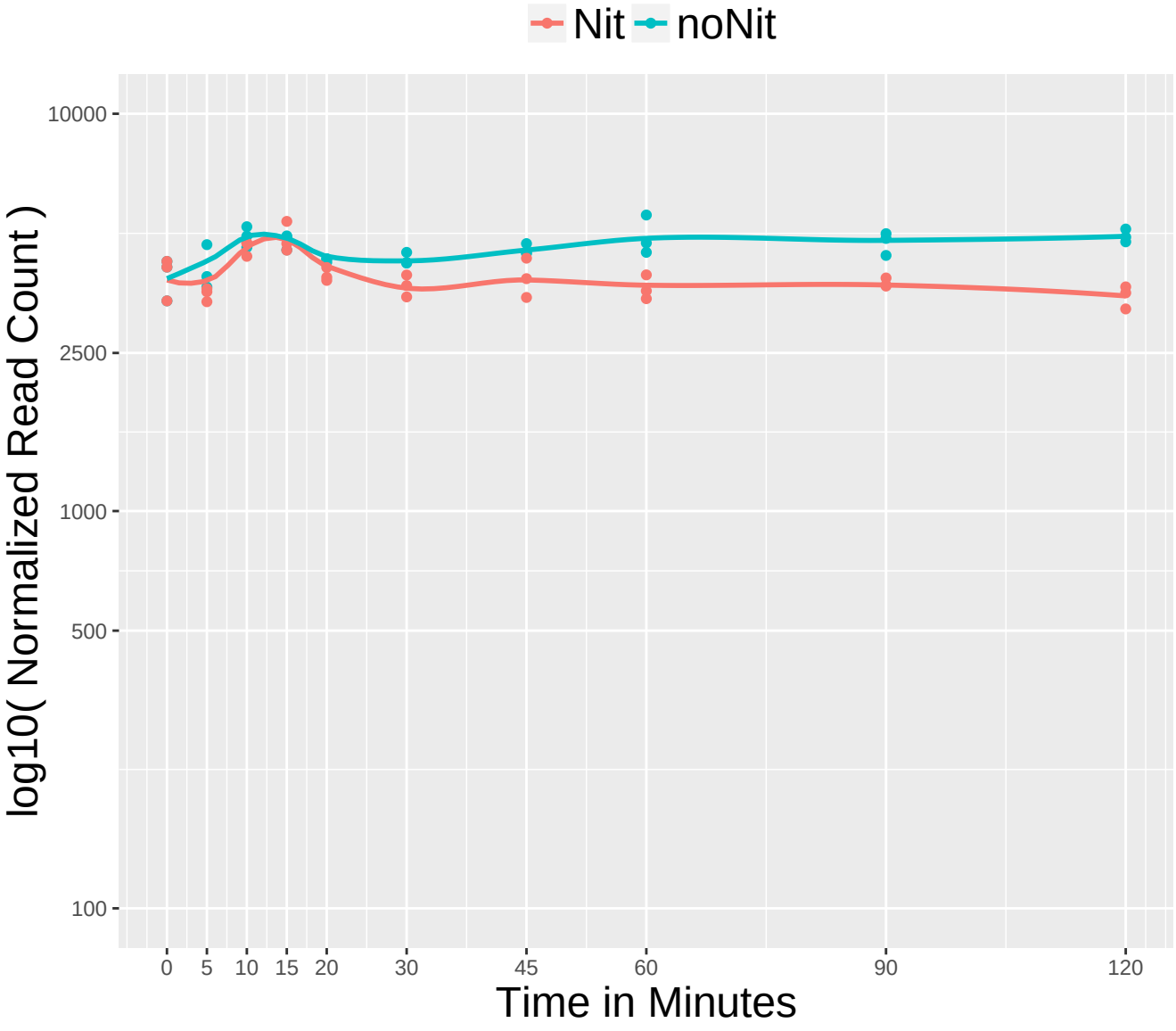
TPR1,TOPLESS−related



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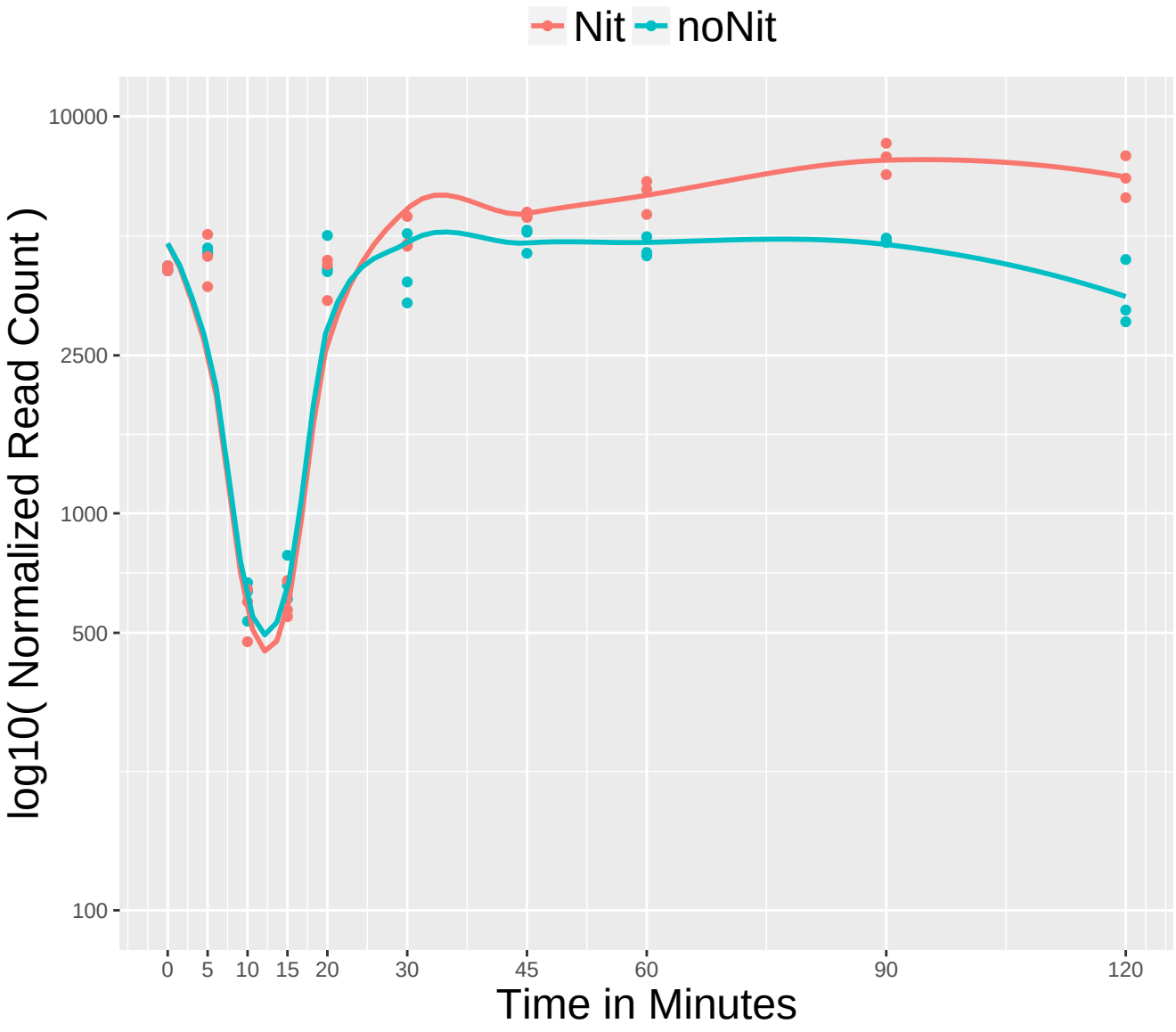

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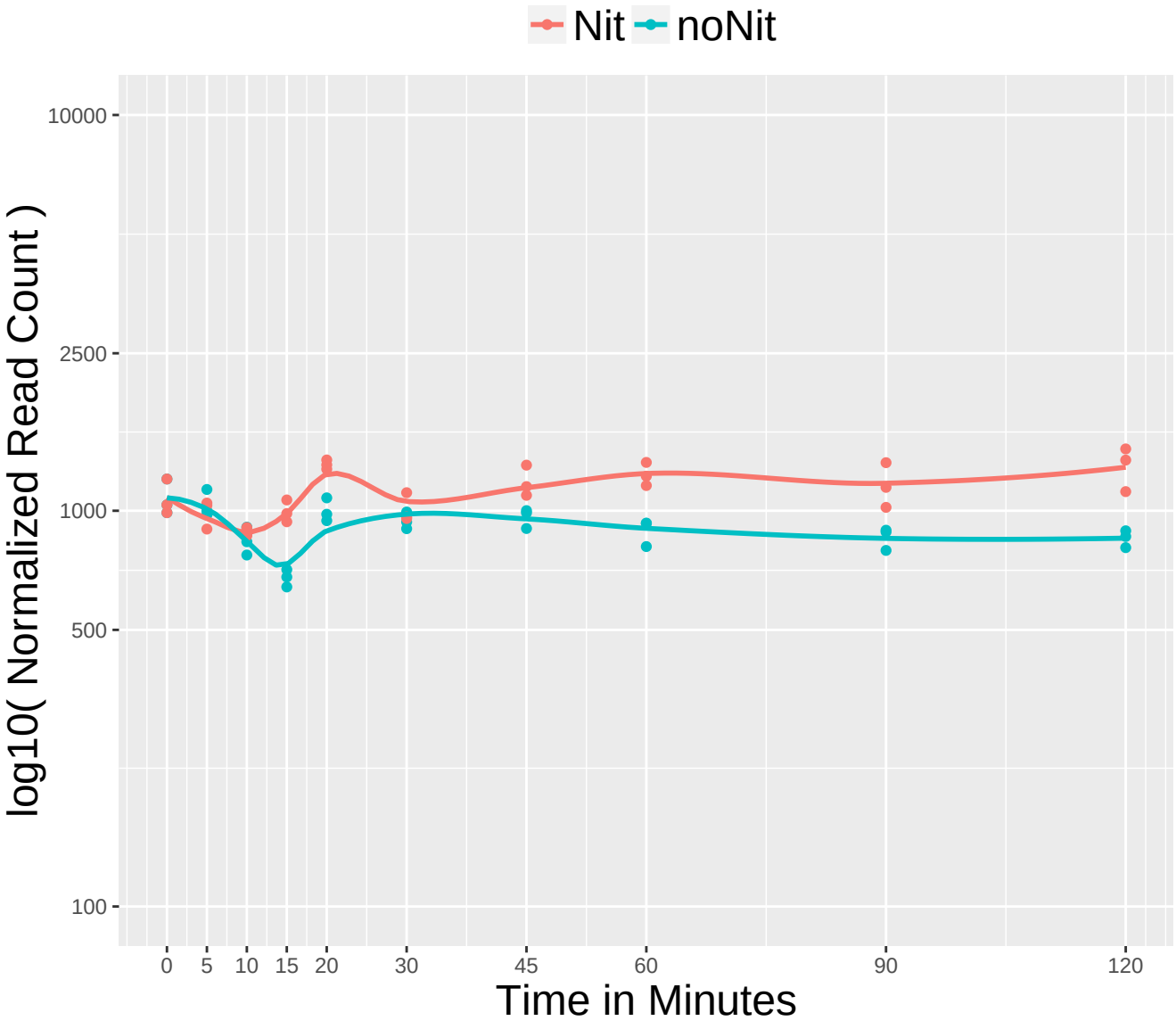

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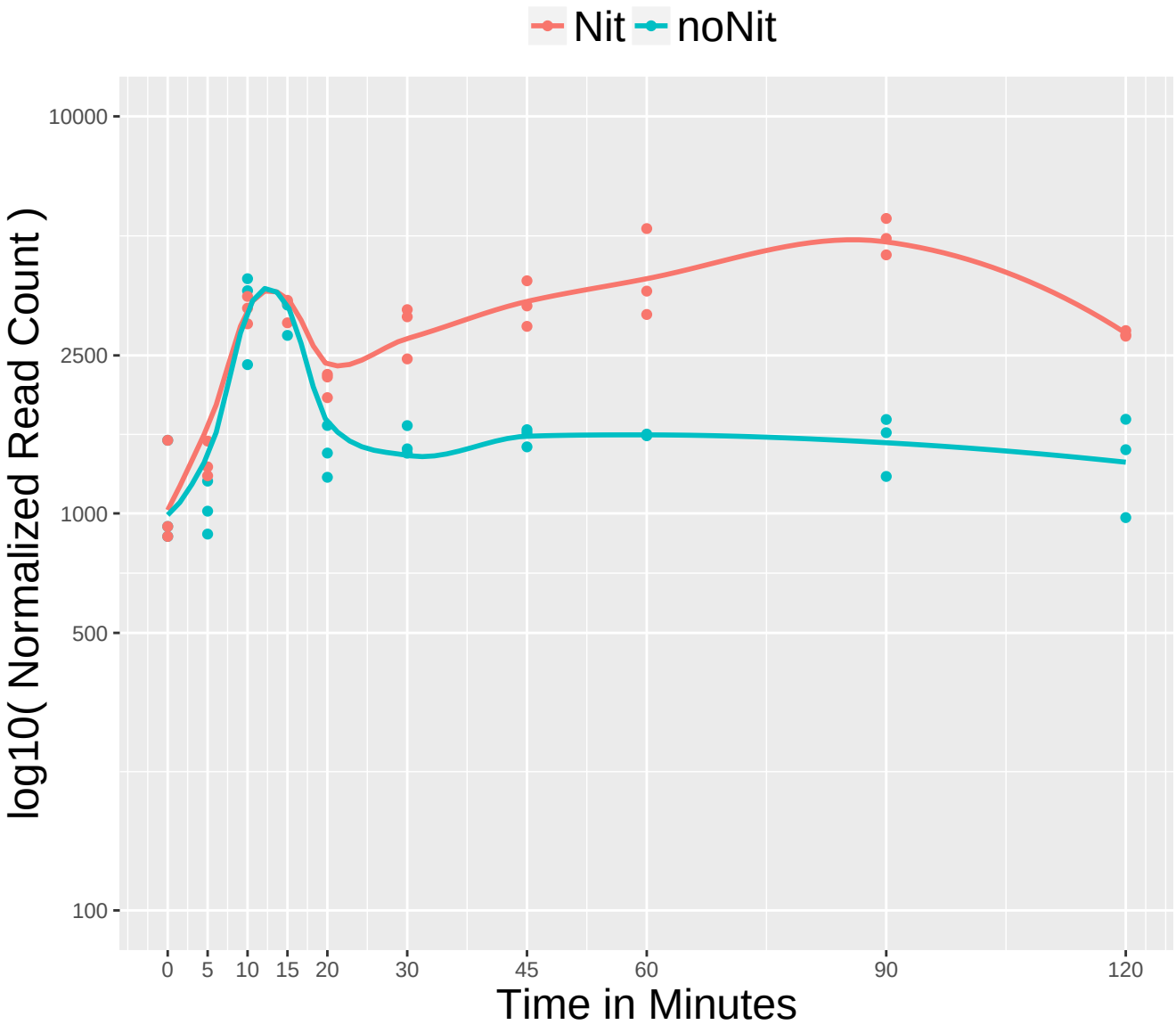
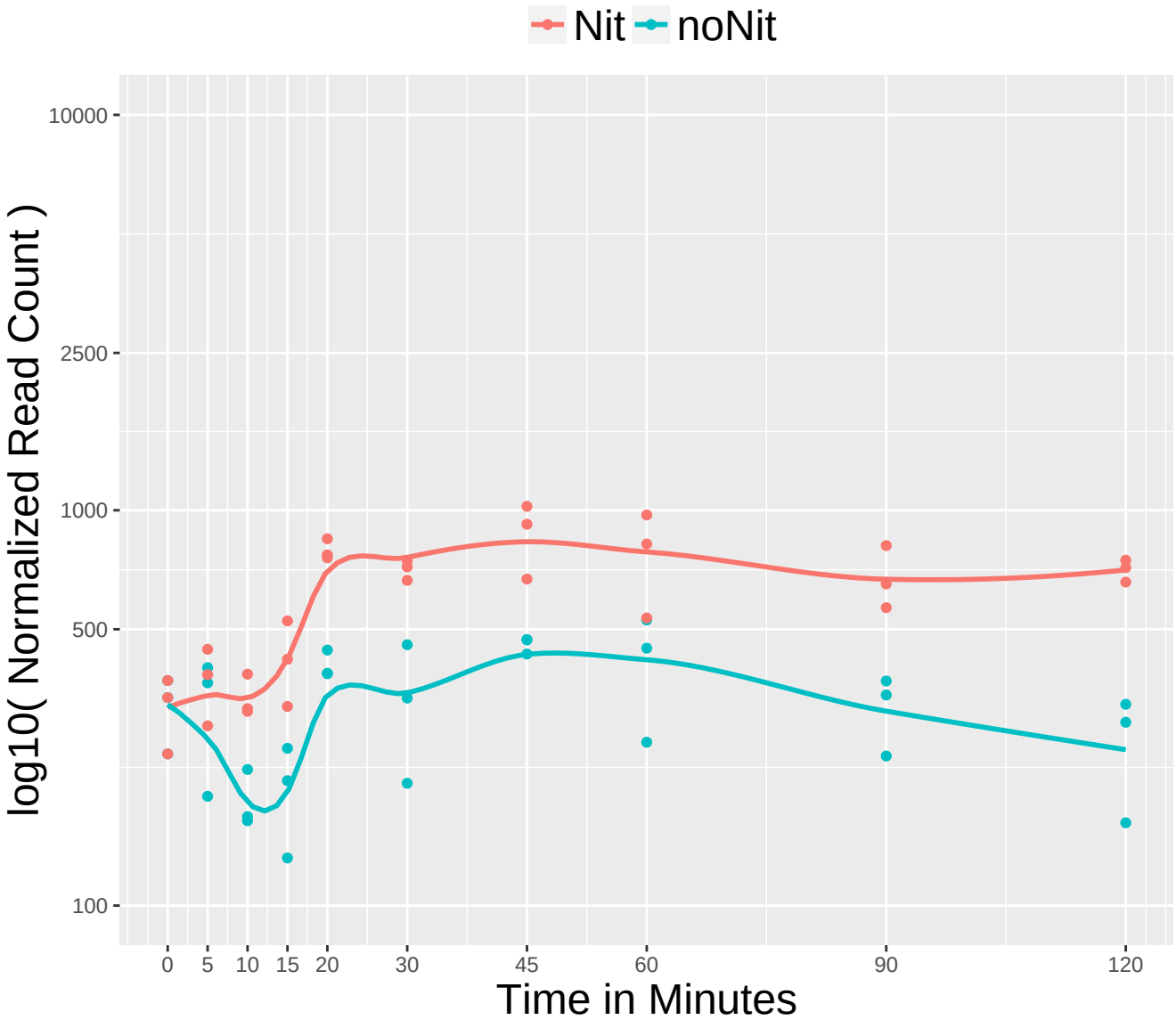
MIZ1,mizu−kussei



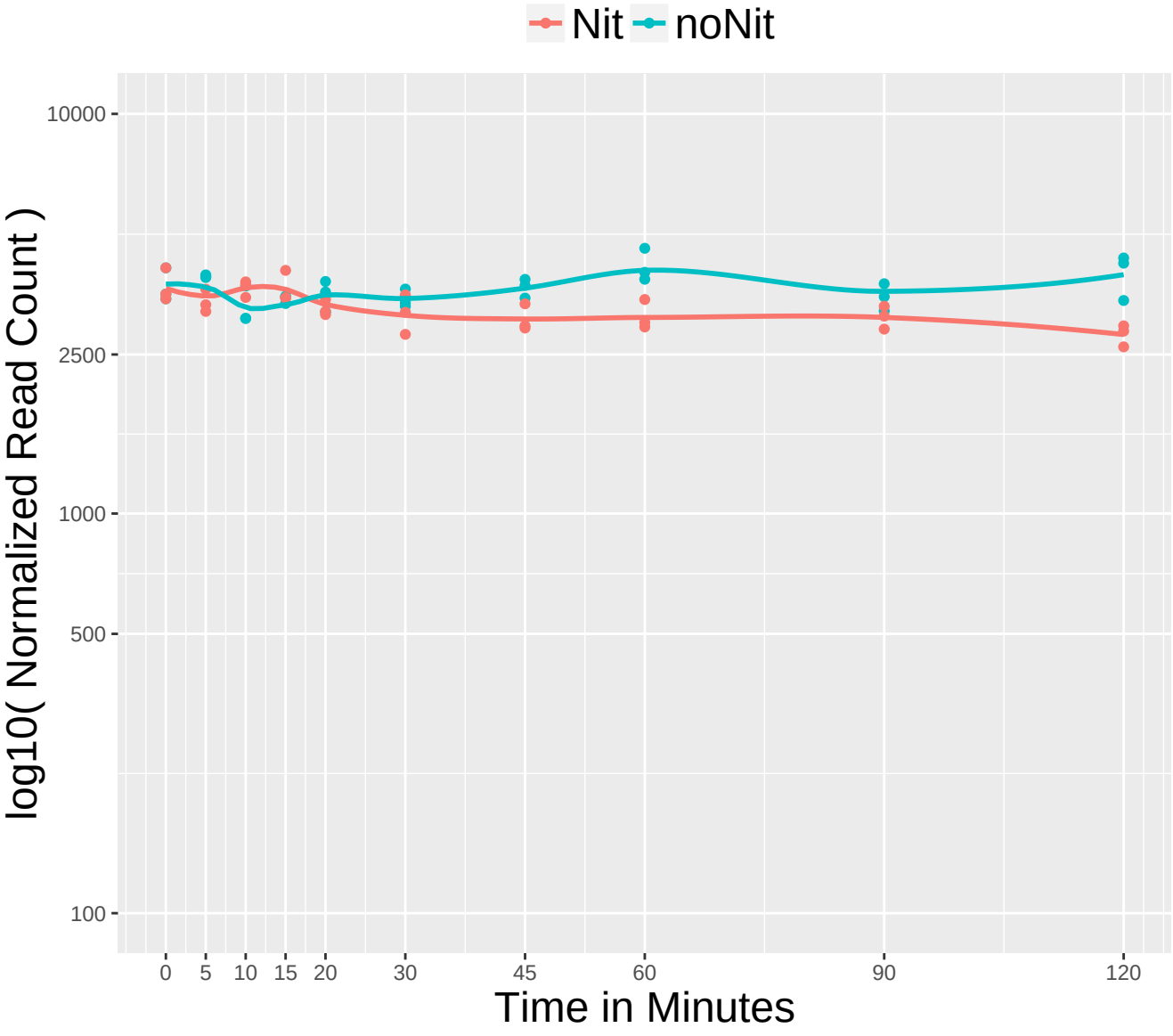
AT3G26240

Cysteine/Histidine−rich



AT4G39270

Leucine−rich



AT5G04840

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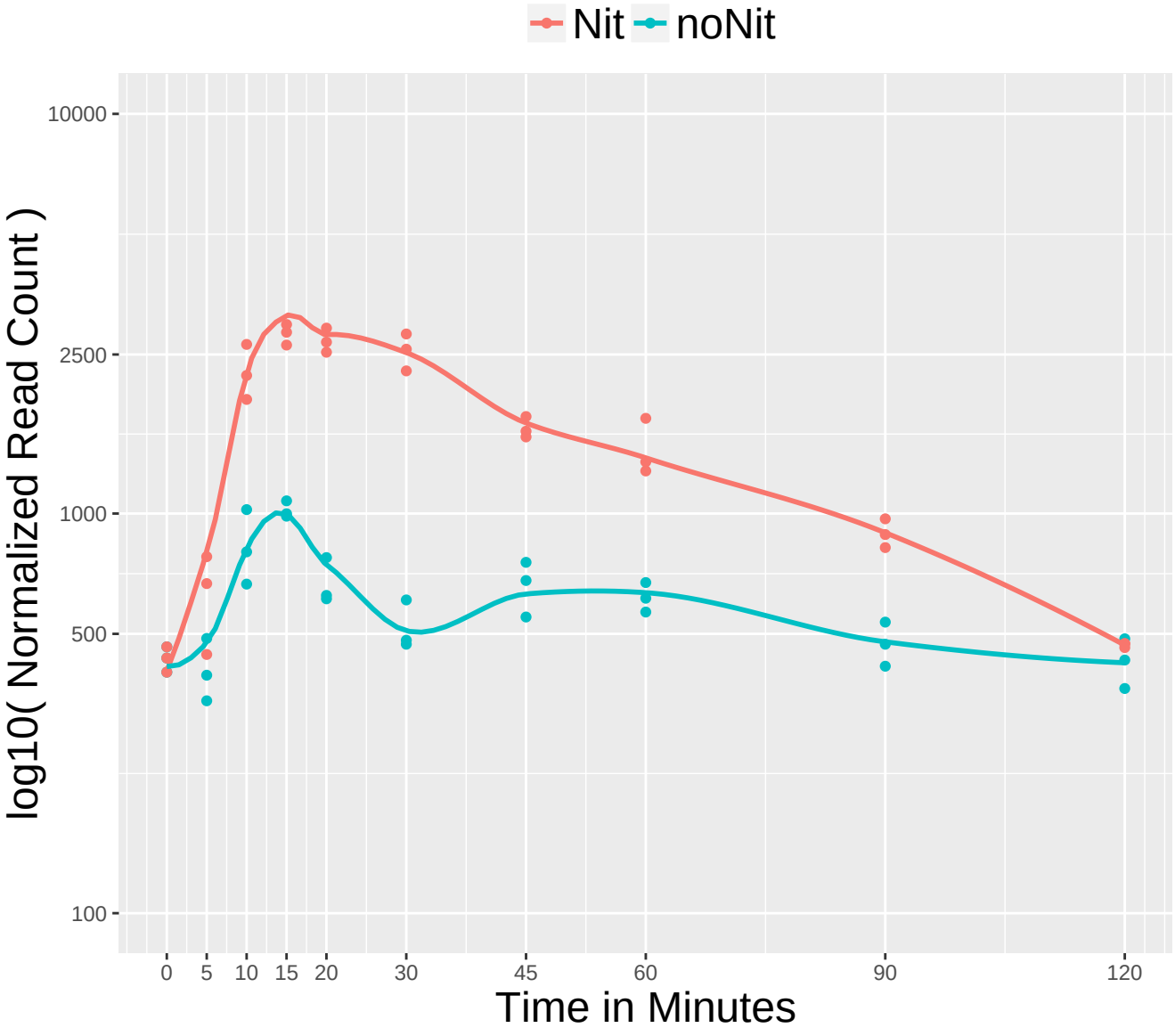

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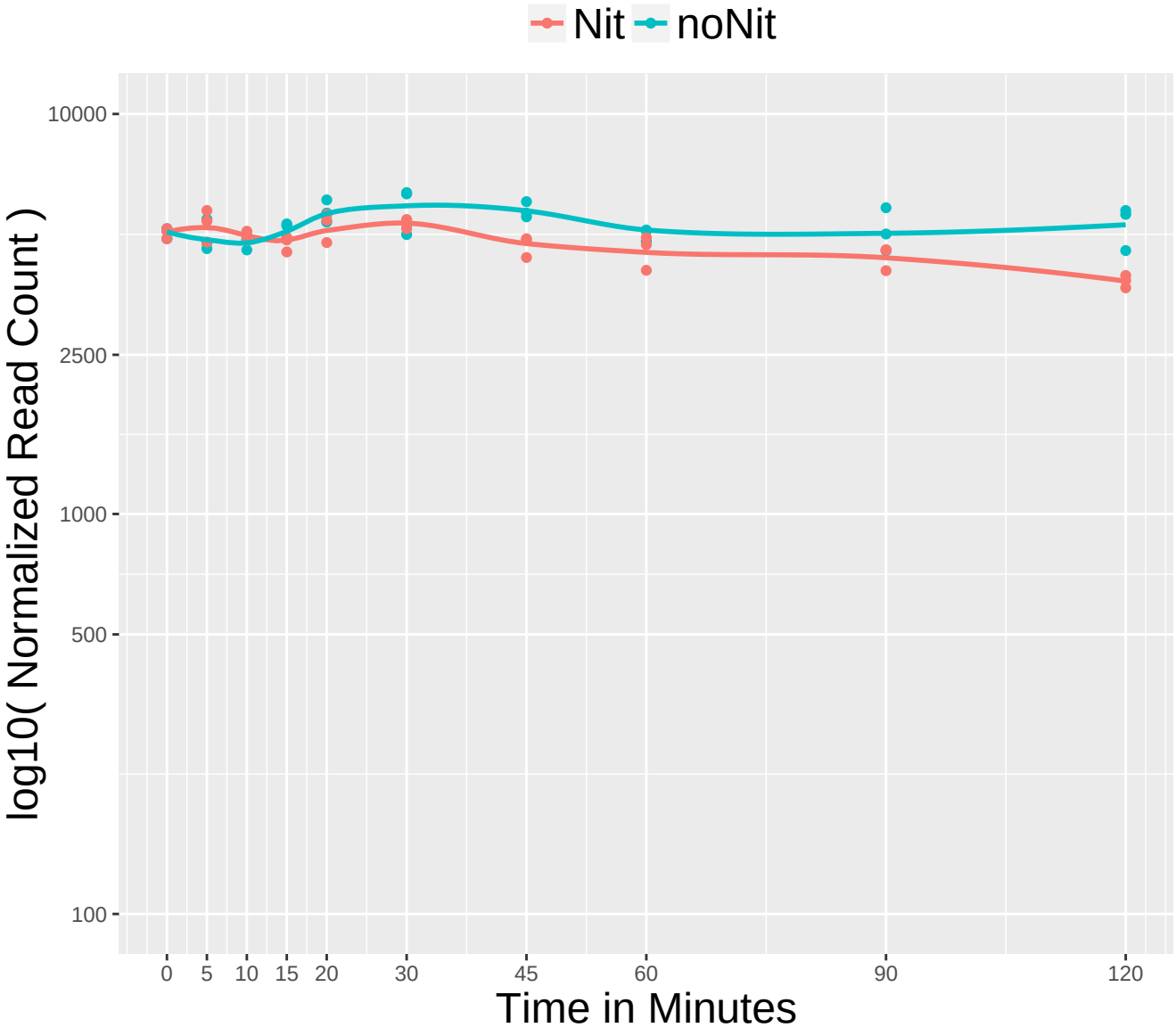
transducin



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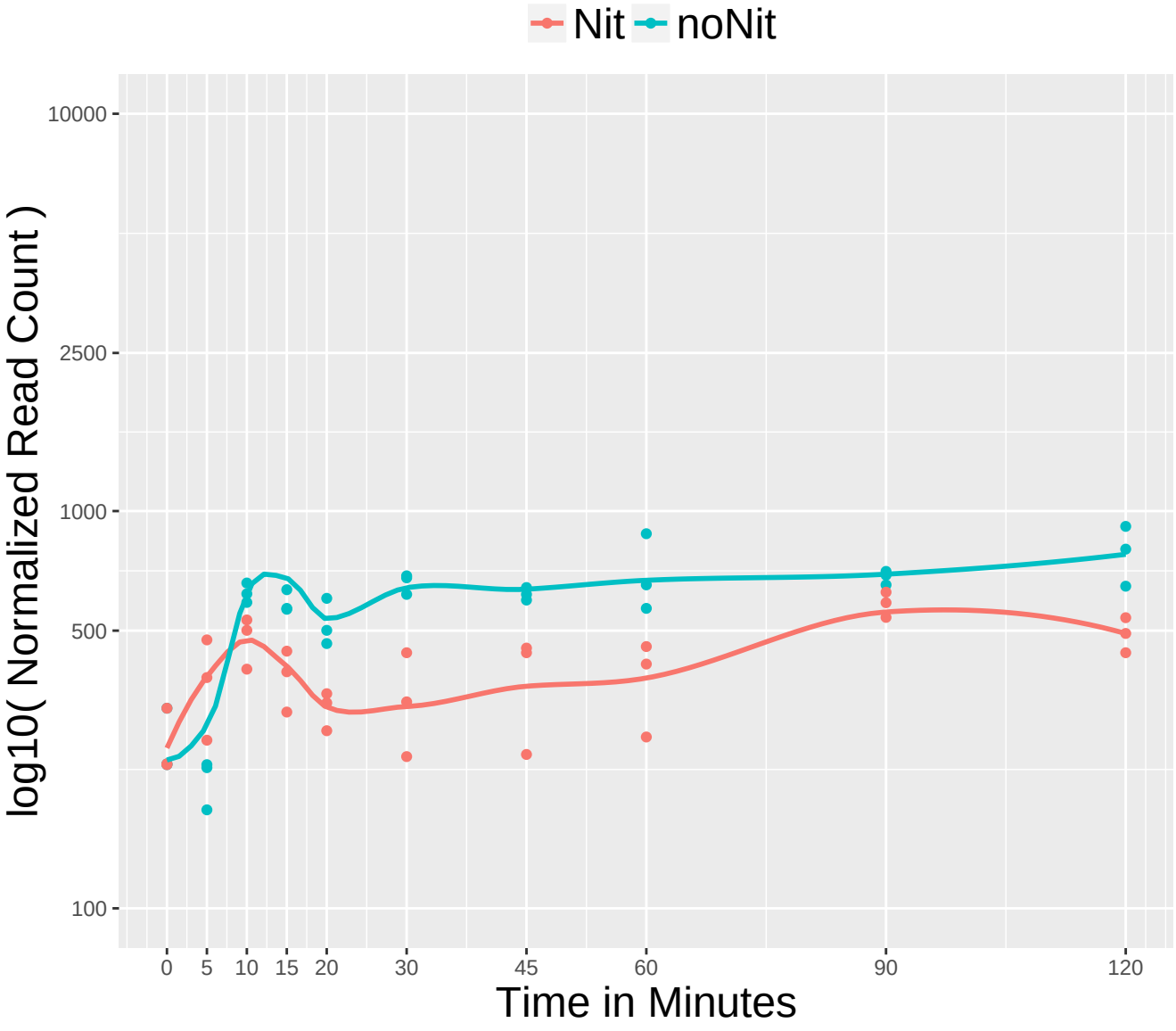
ATHB−3,homeobox



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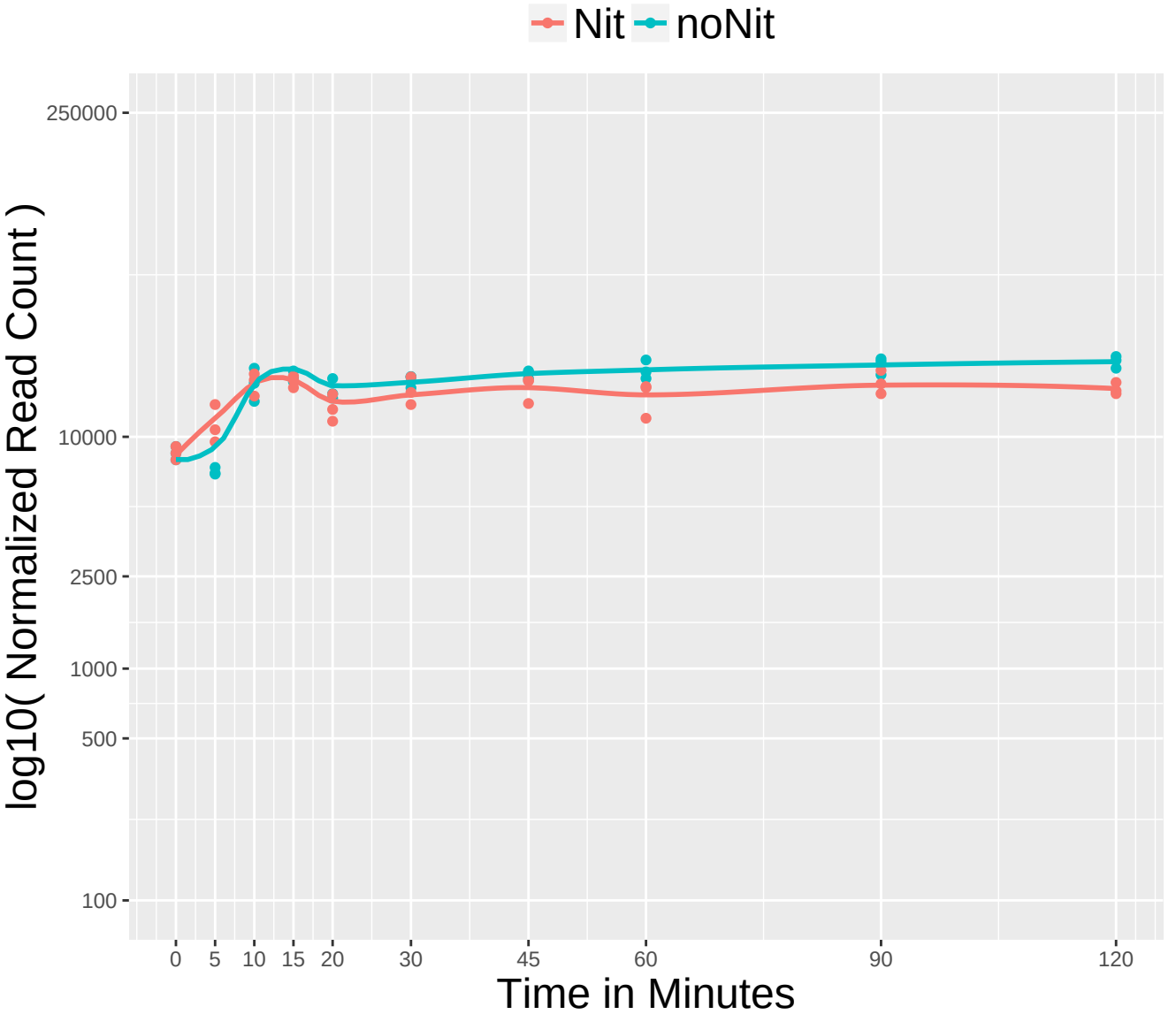
ATRGP2,REVERSIBLY



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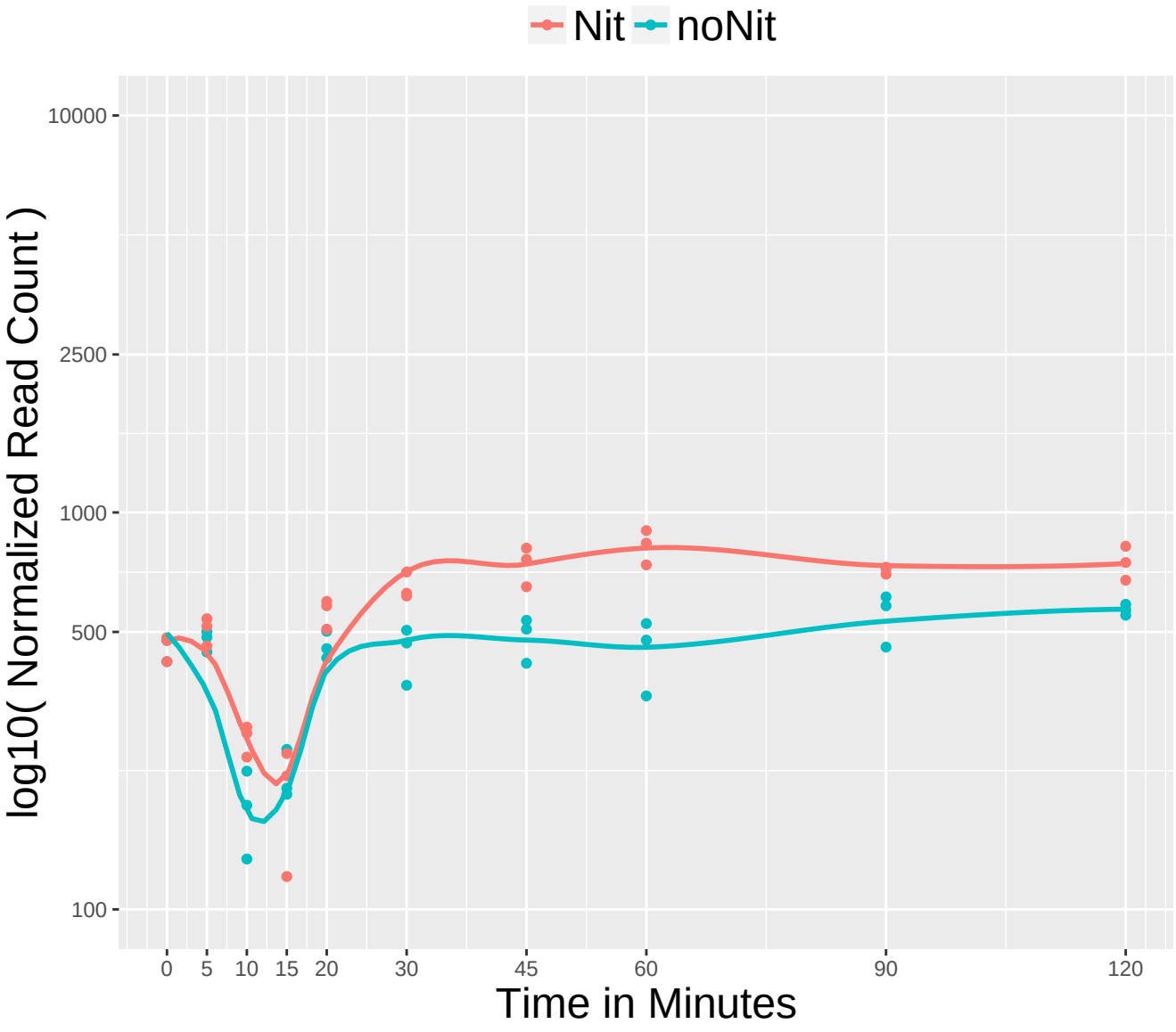
PDV1,PLASTID



AT1G05900

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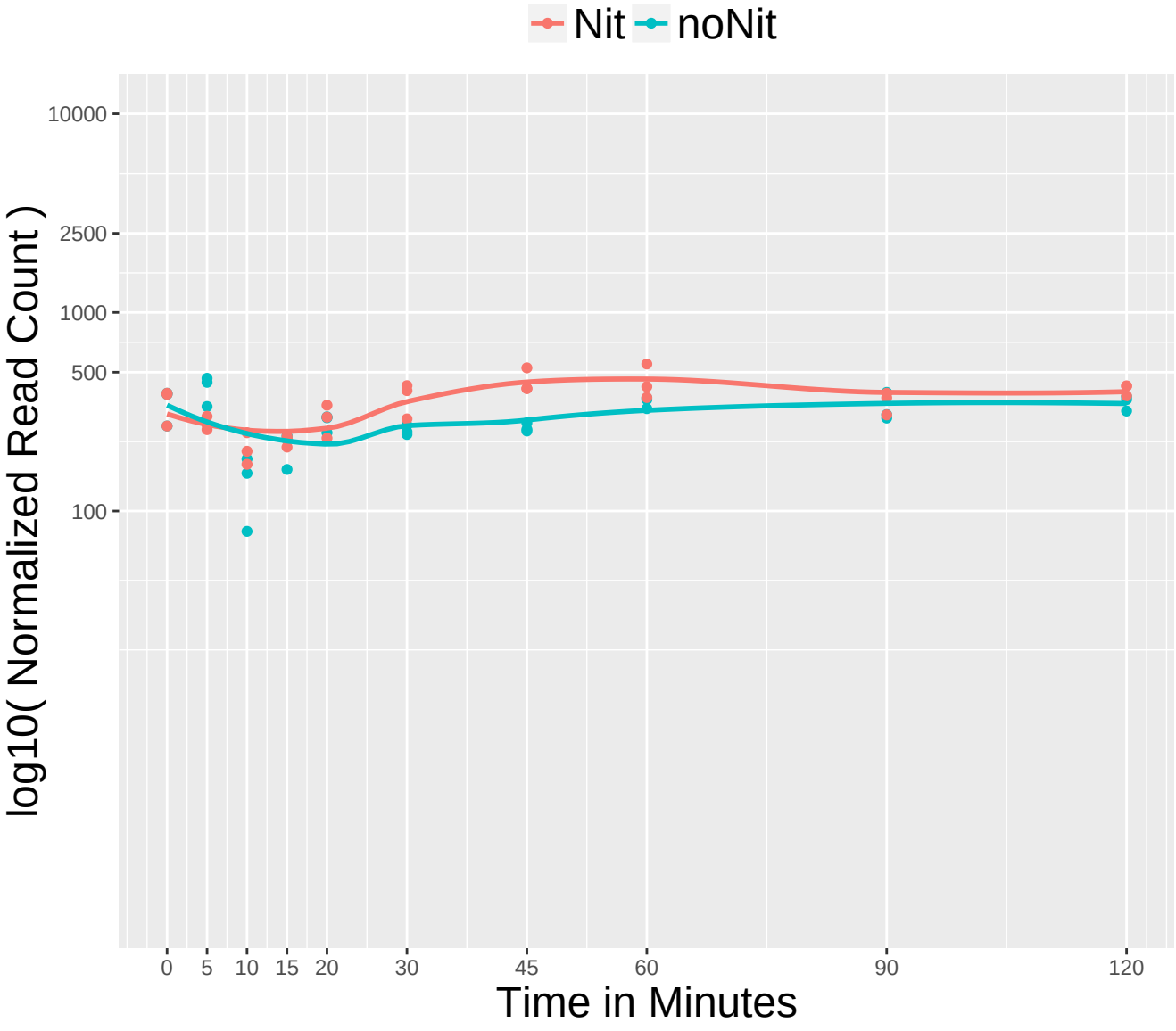

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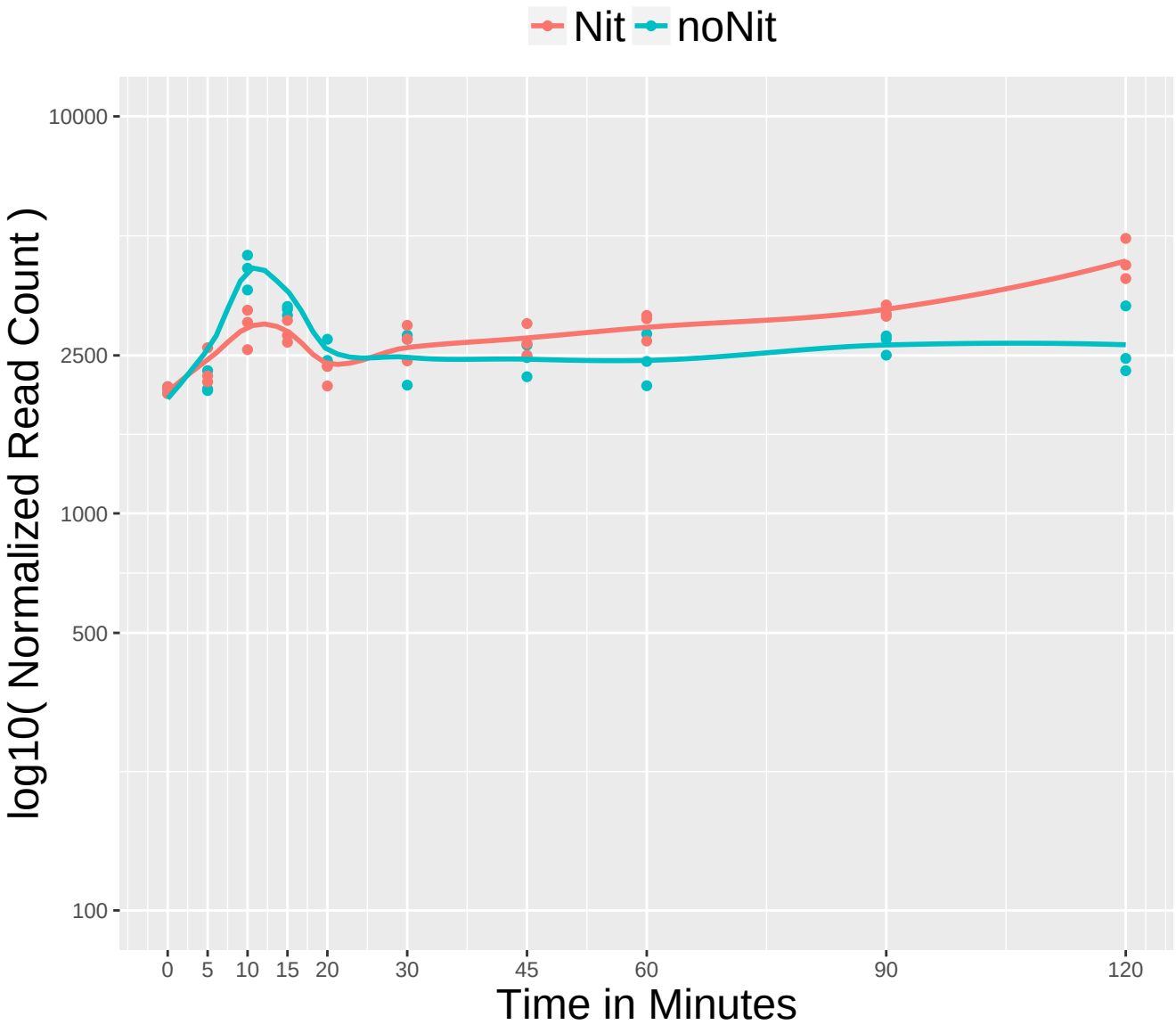
G−H2AX,GAMMA



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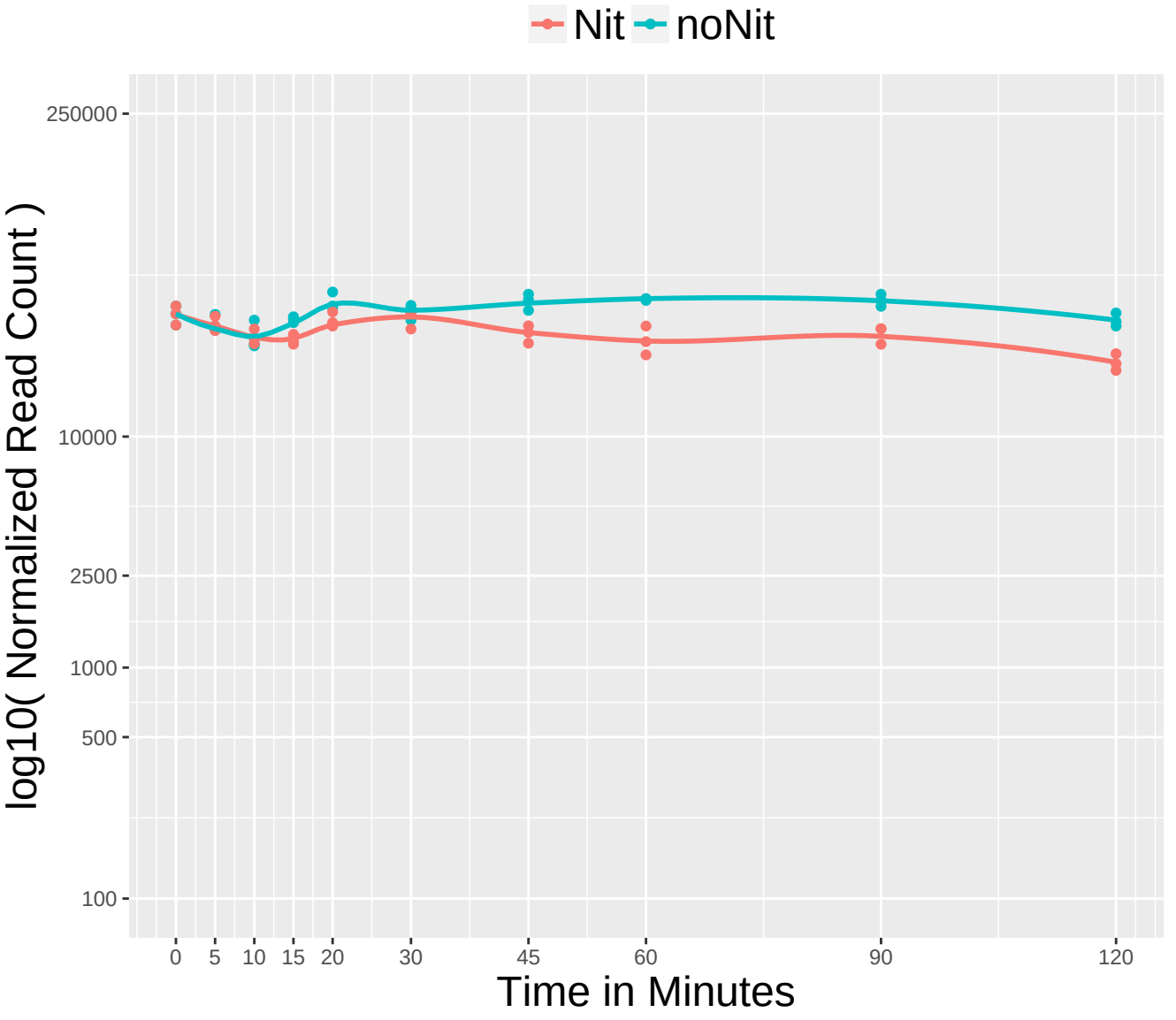

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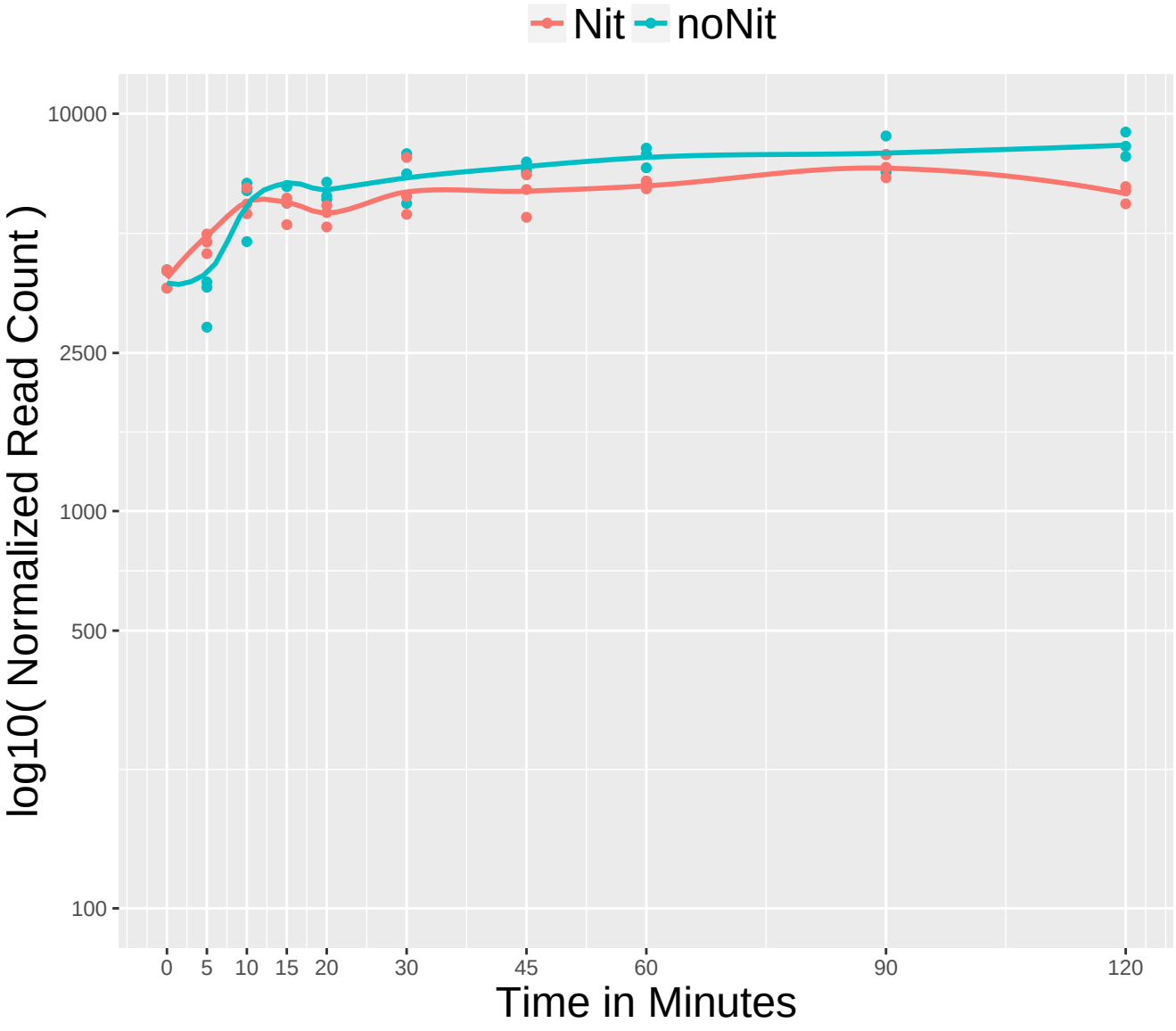
ATS9,non−ATPase



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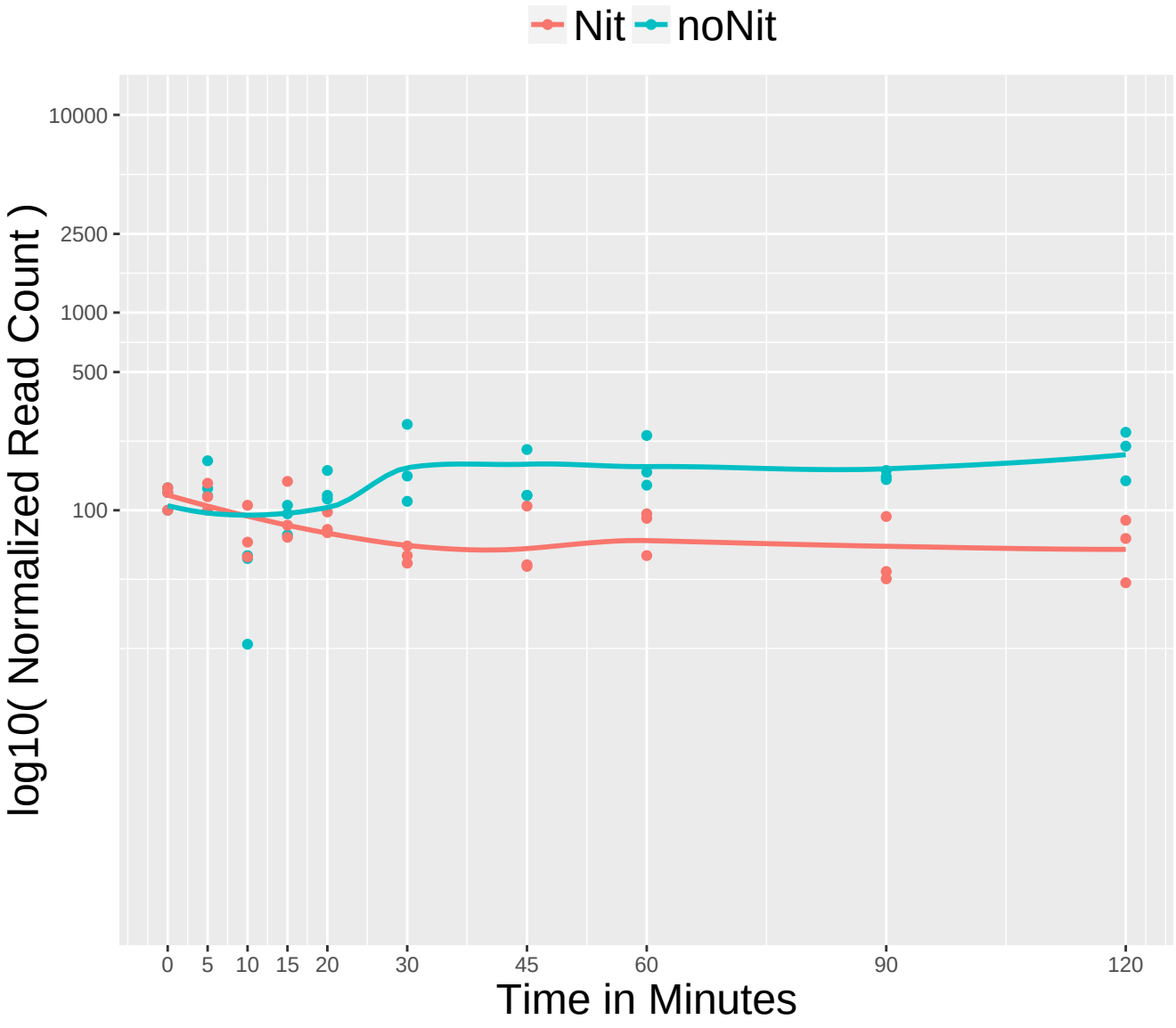

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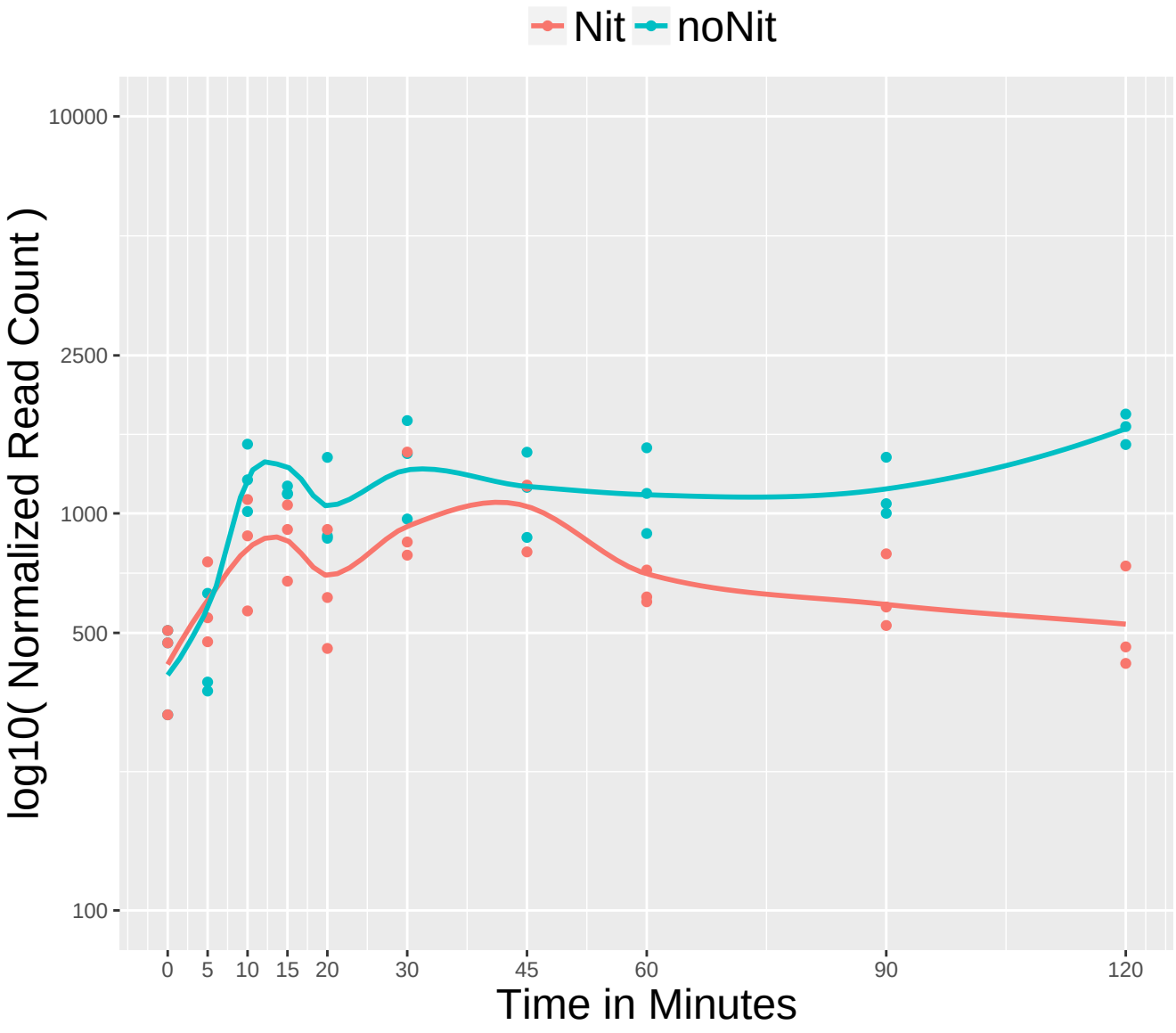
TUB1,tubulin



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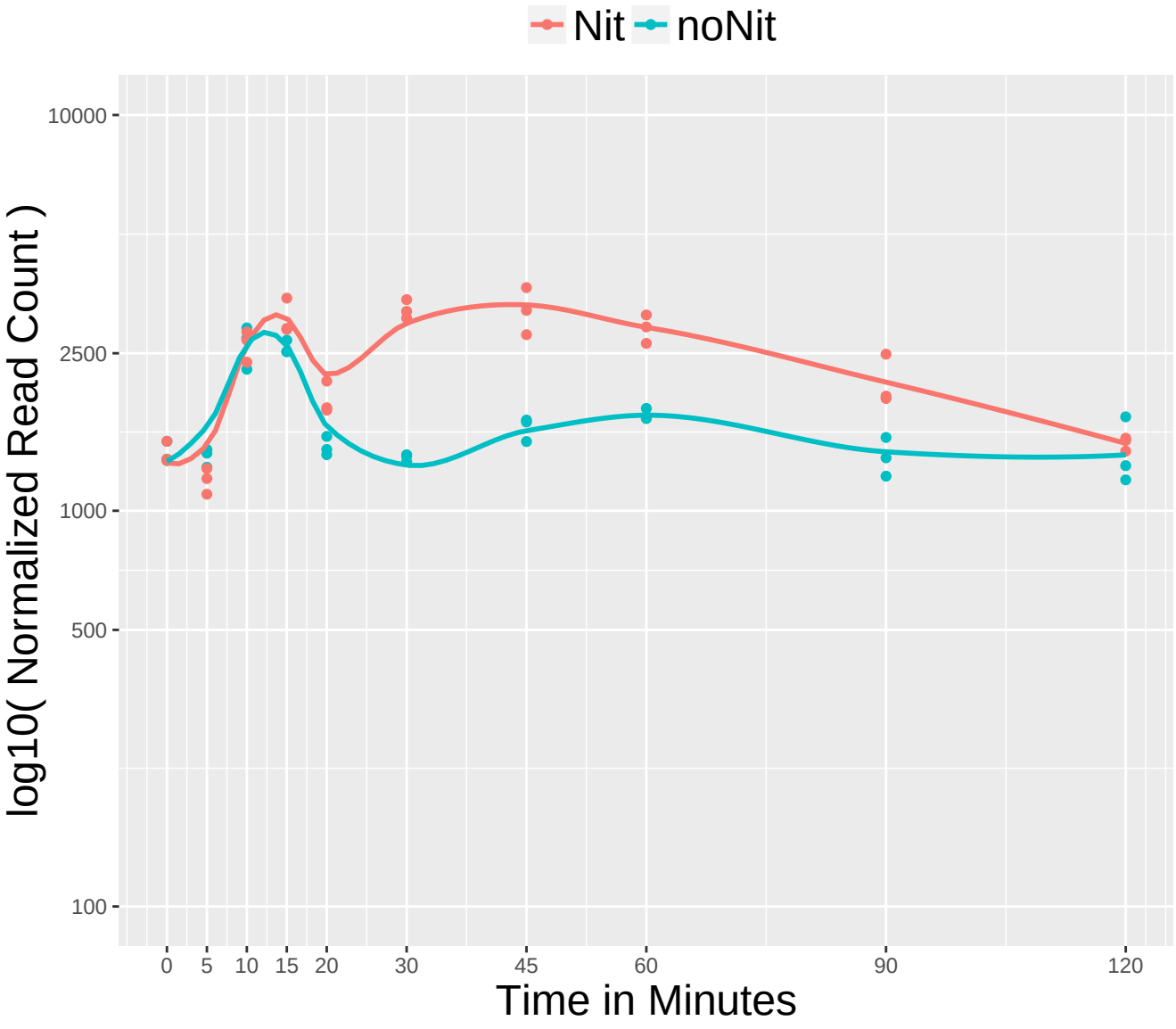
MOT2,molybdate



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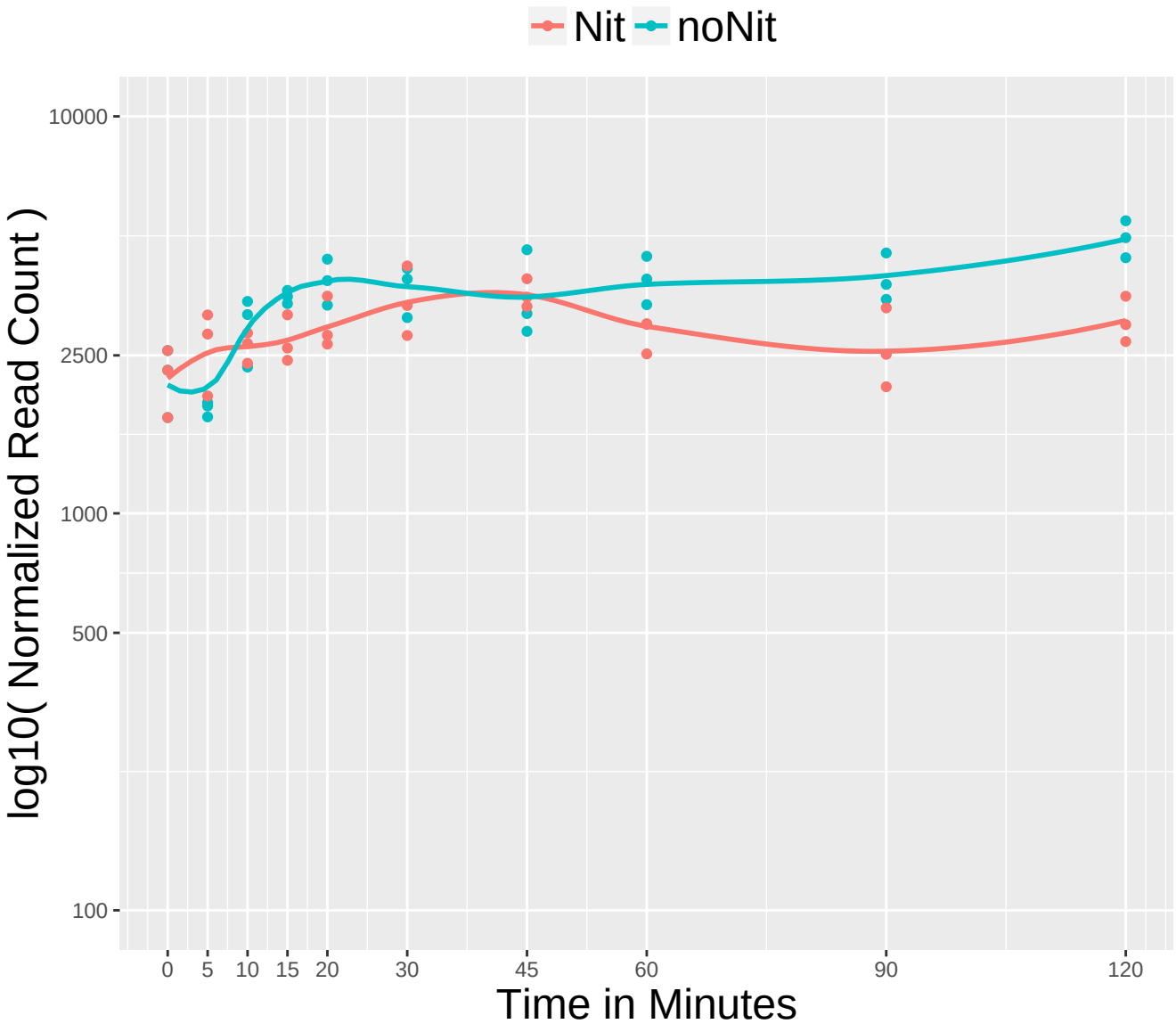
FLA7,FASCICLIN−like



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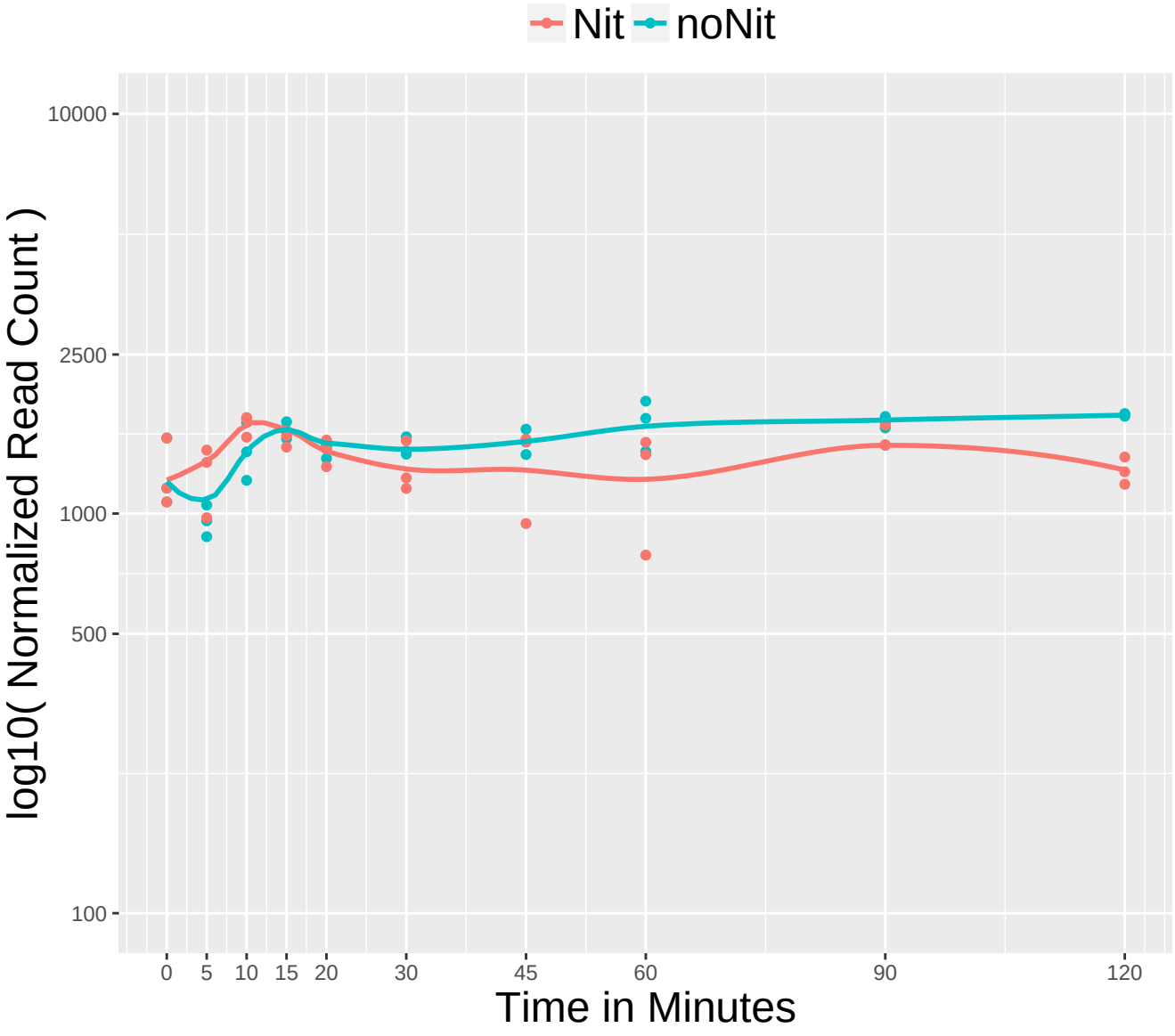

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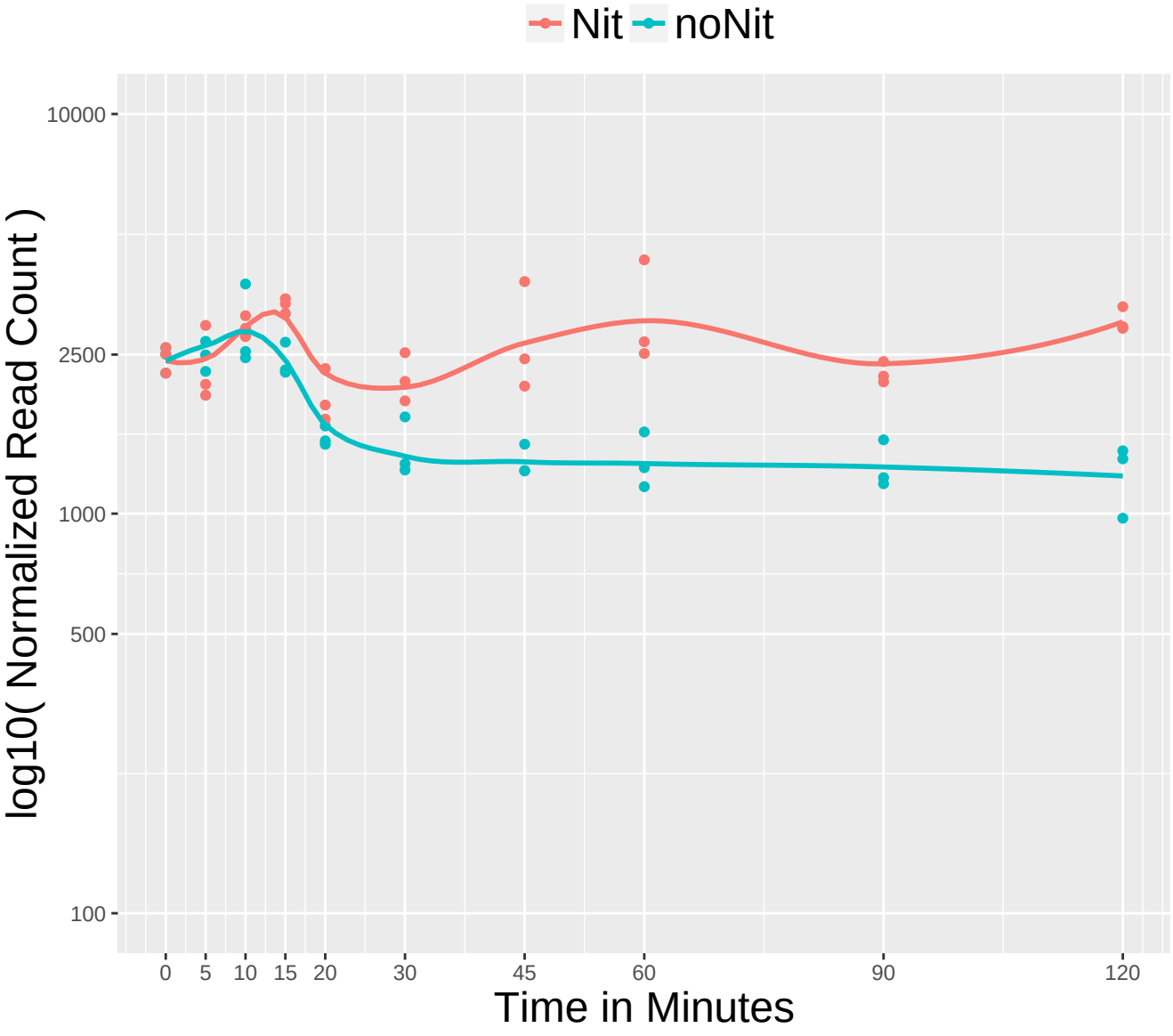
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AT3G21530

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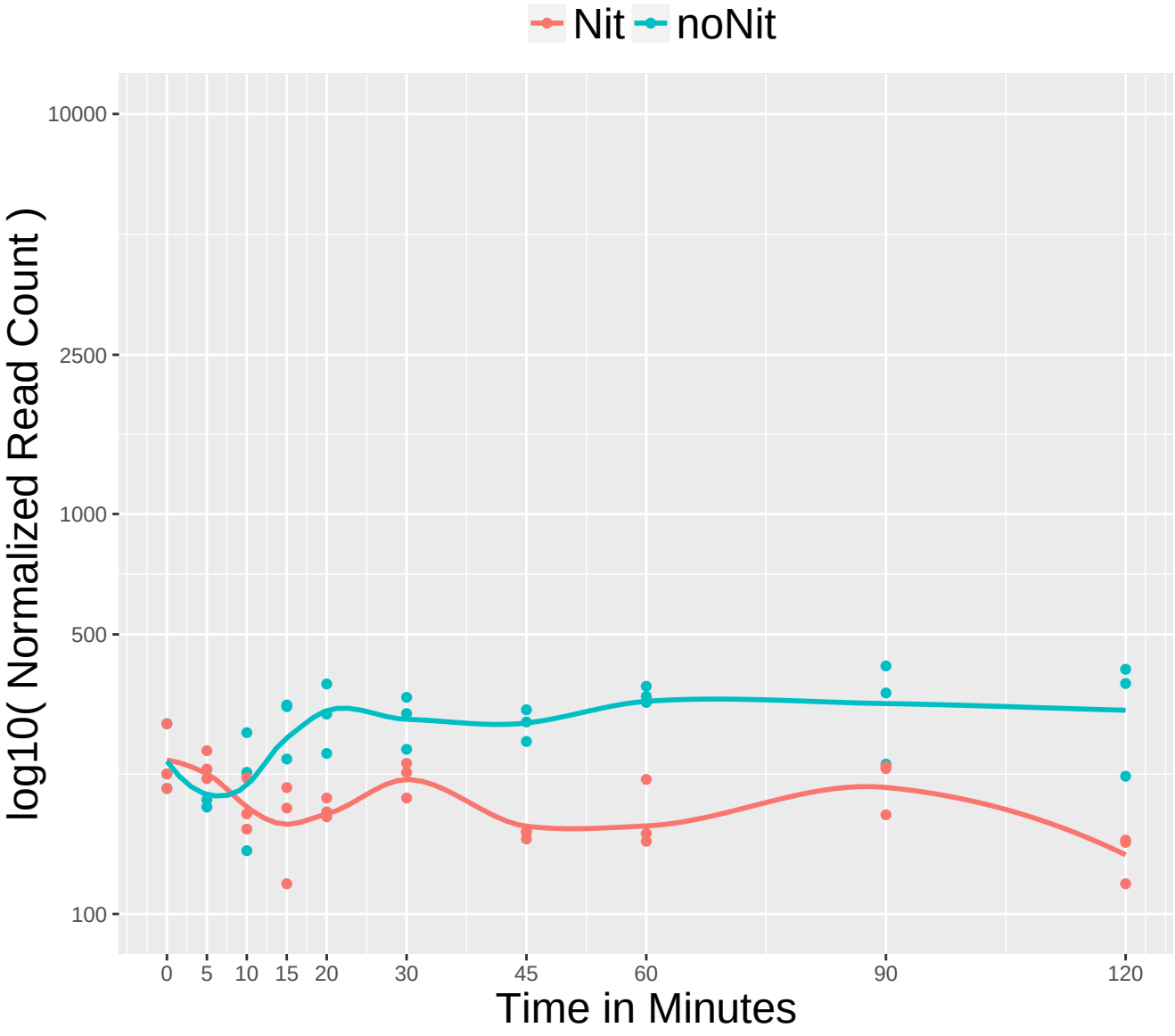

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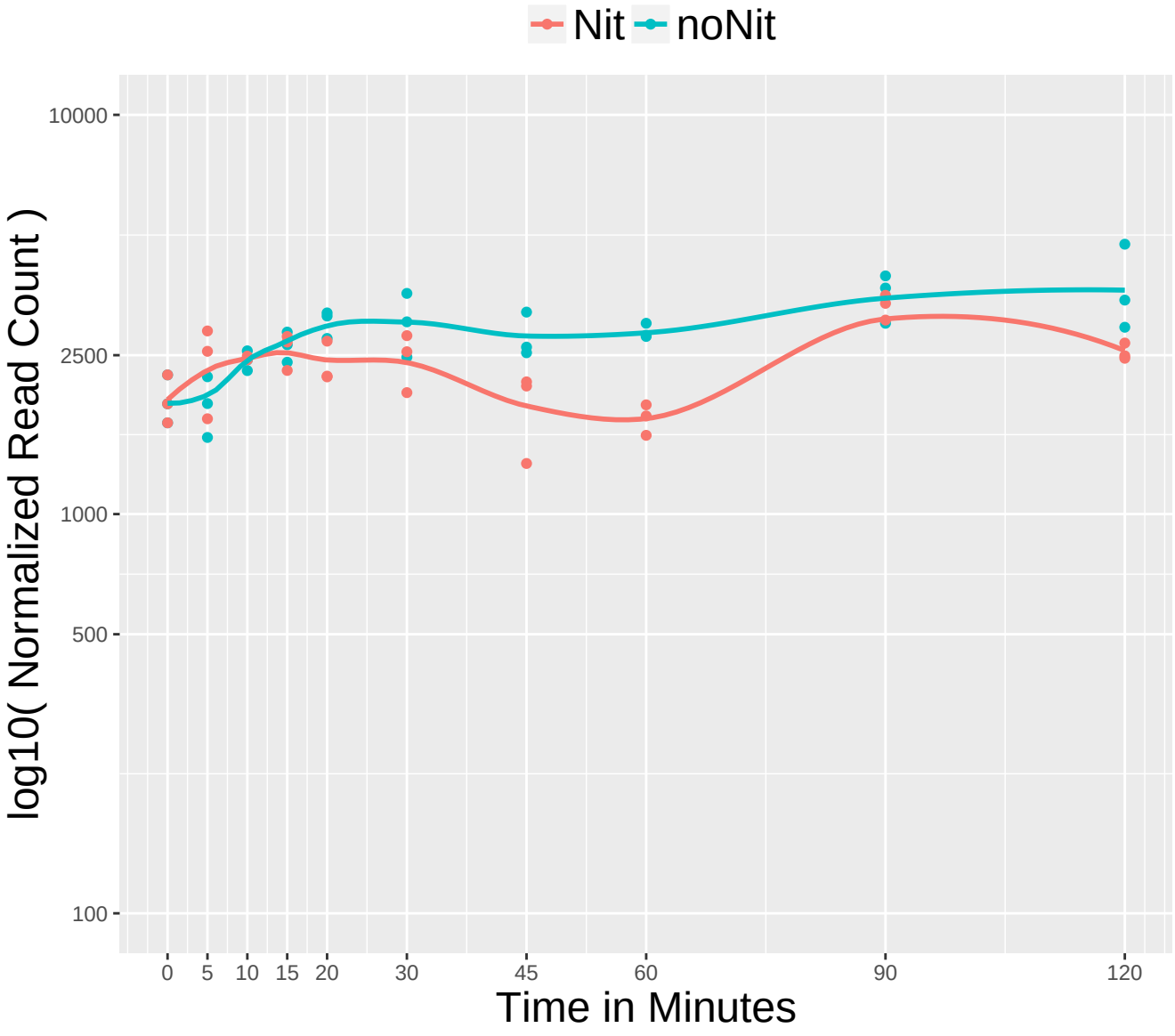

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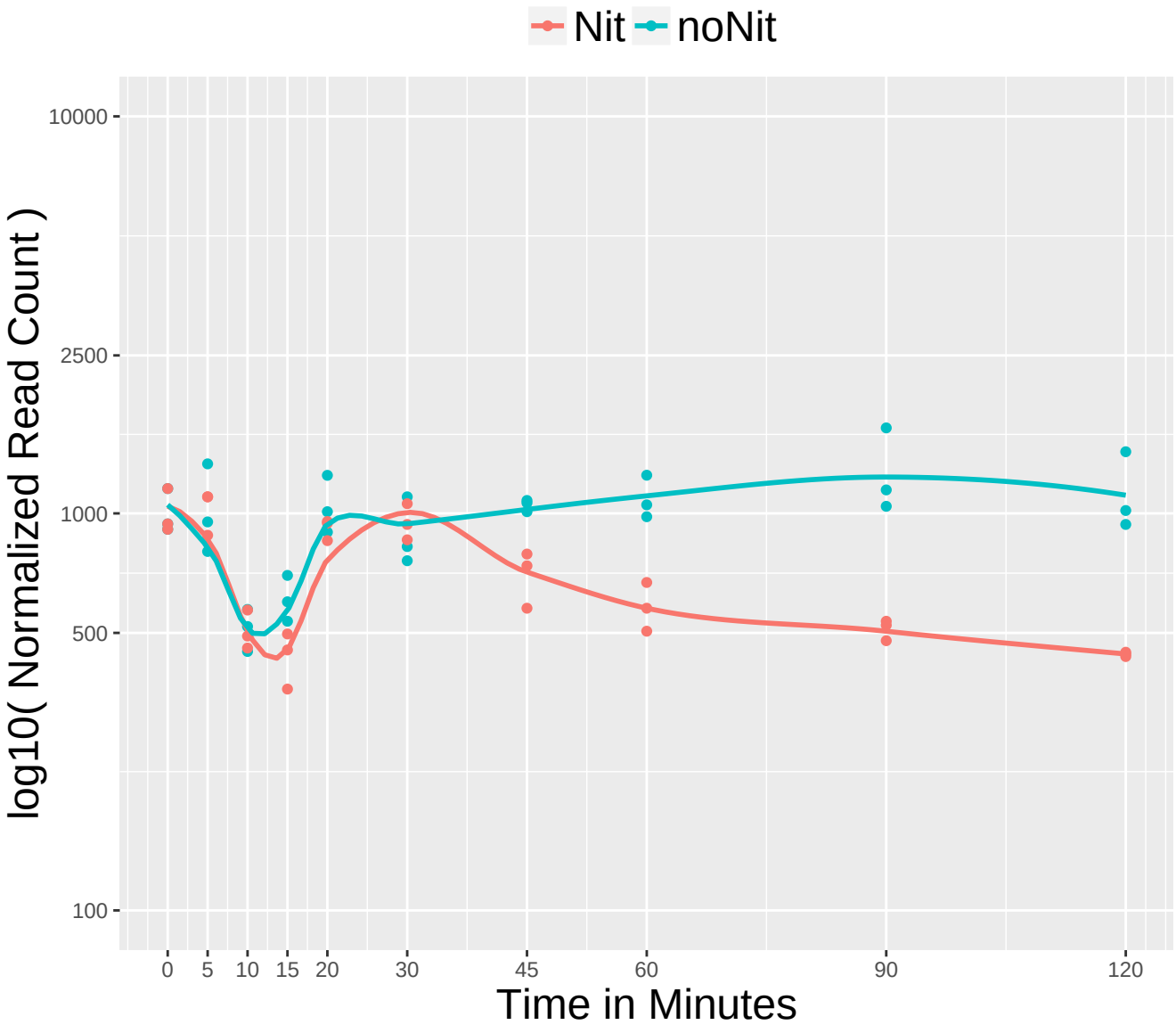
ATMTP3,ARABIDOPSIS



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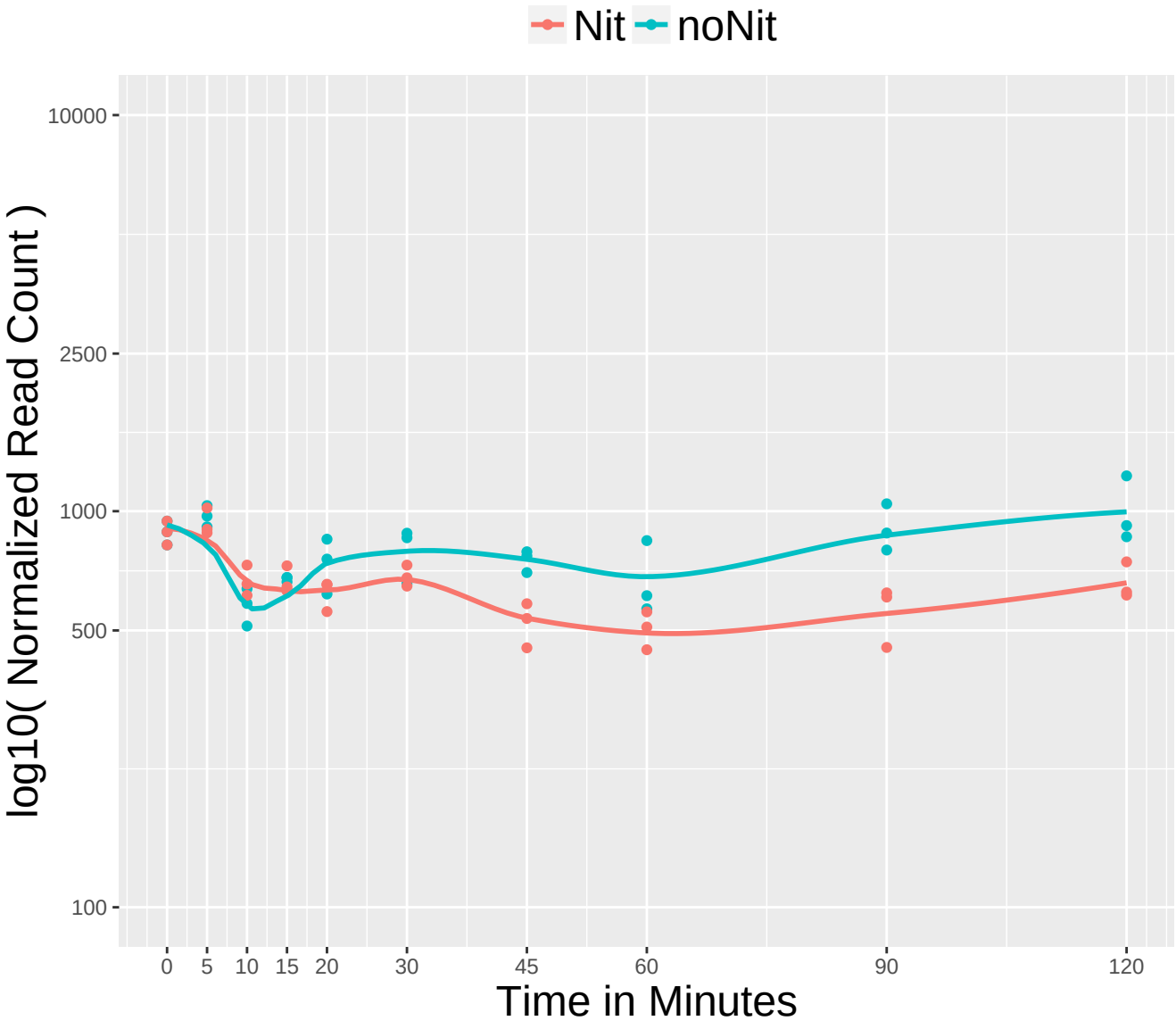

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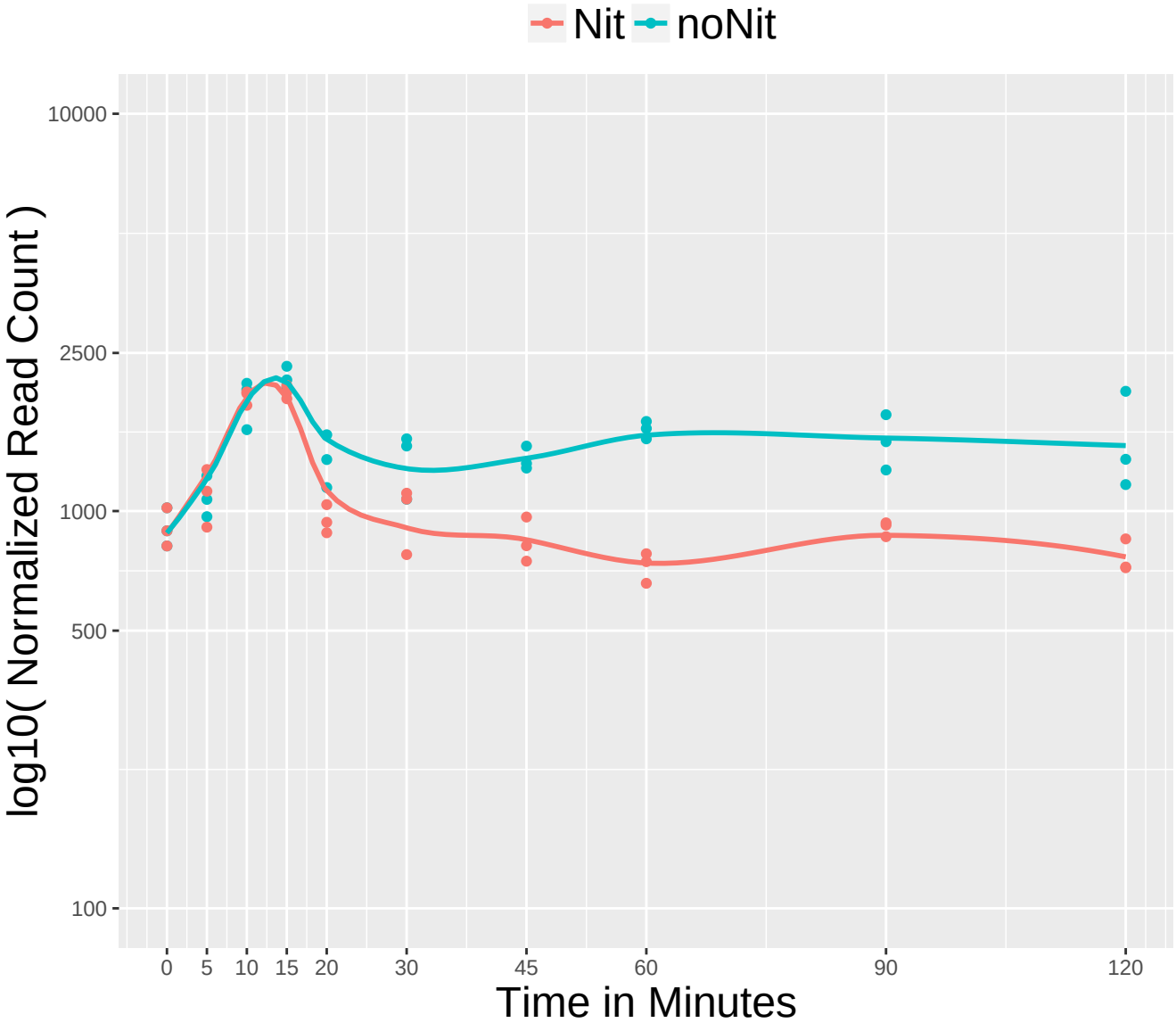
CST,CAST



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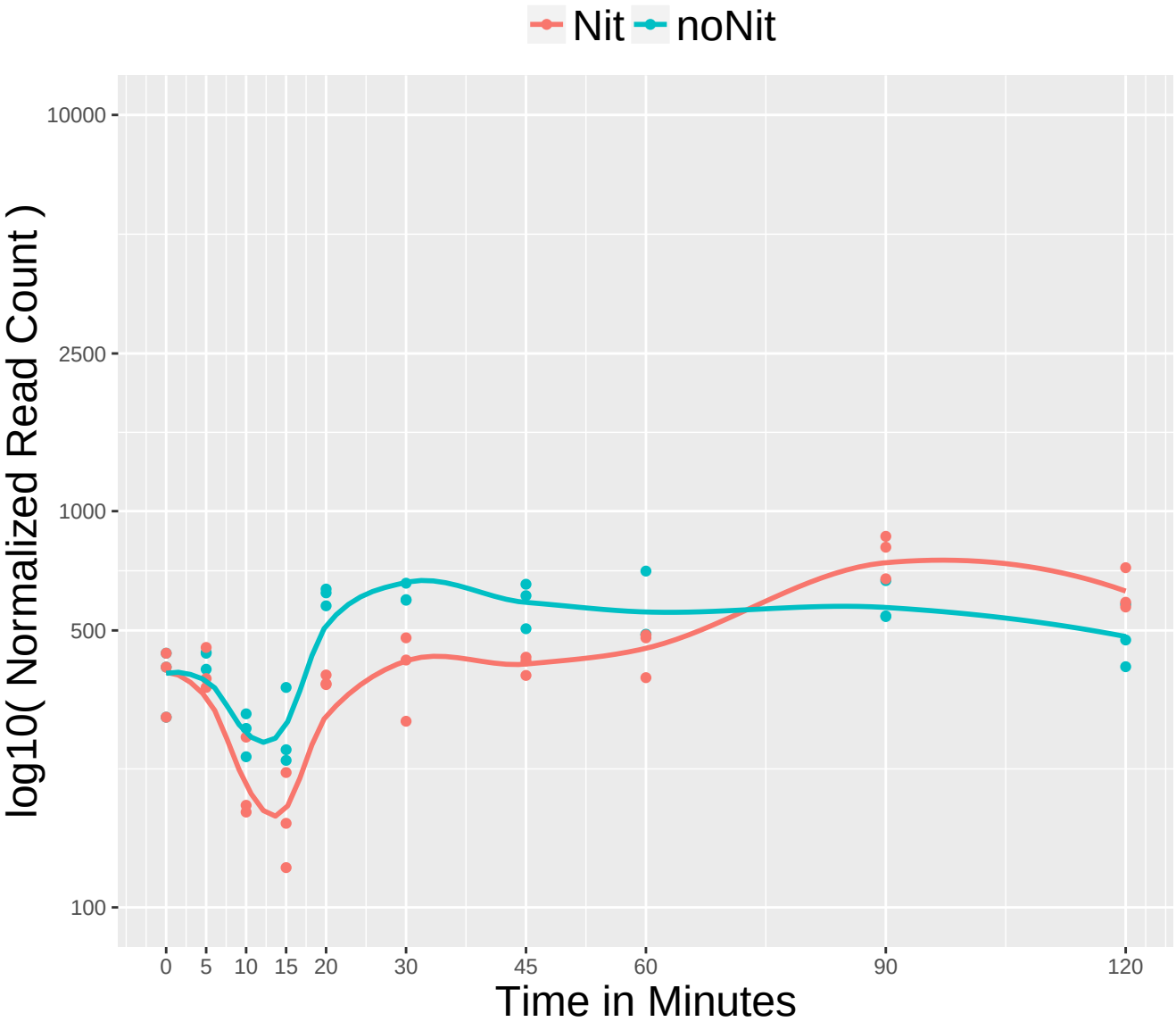

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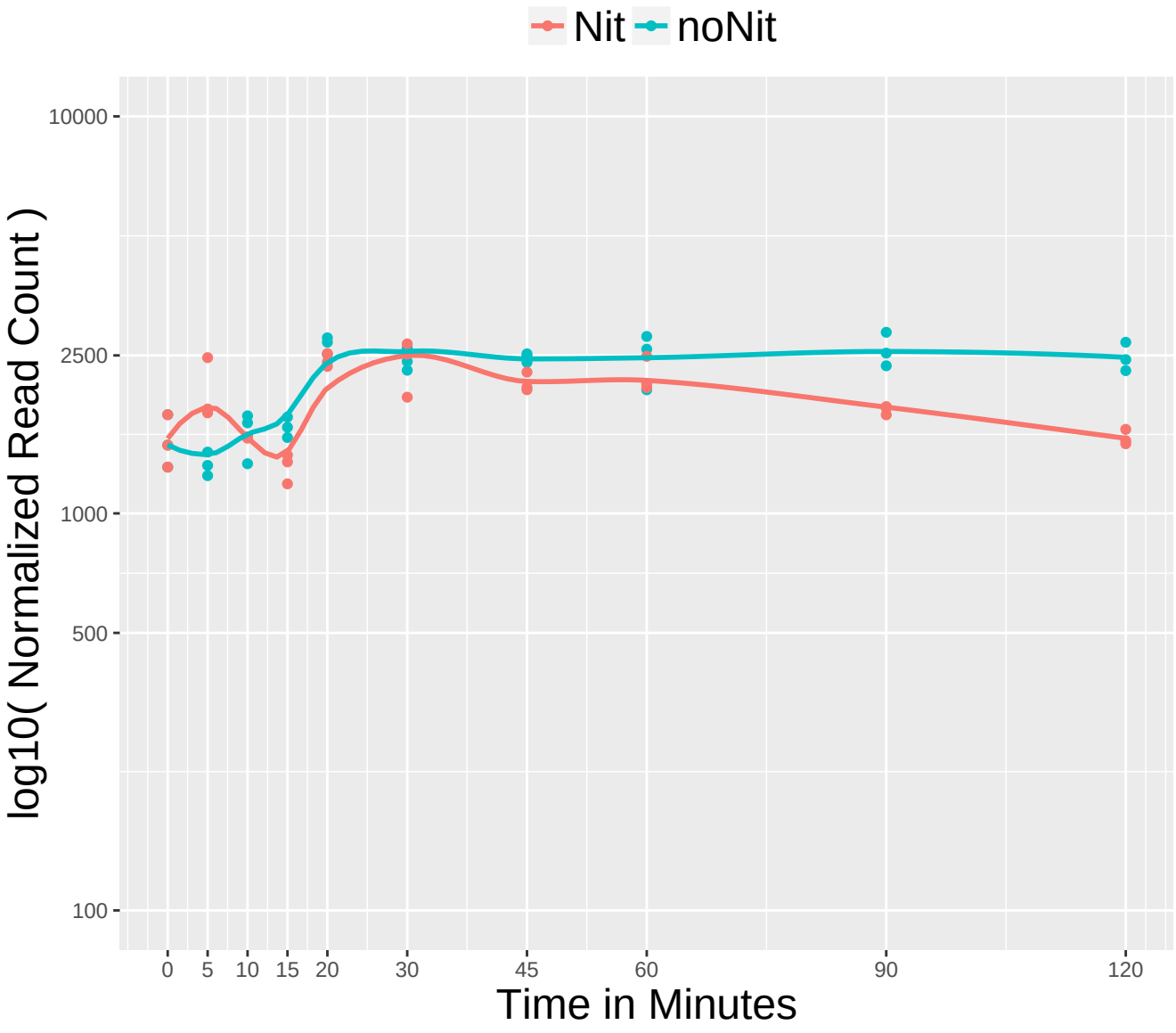
MOB1−like,MOB1−like



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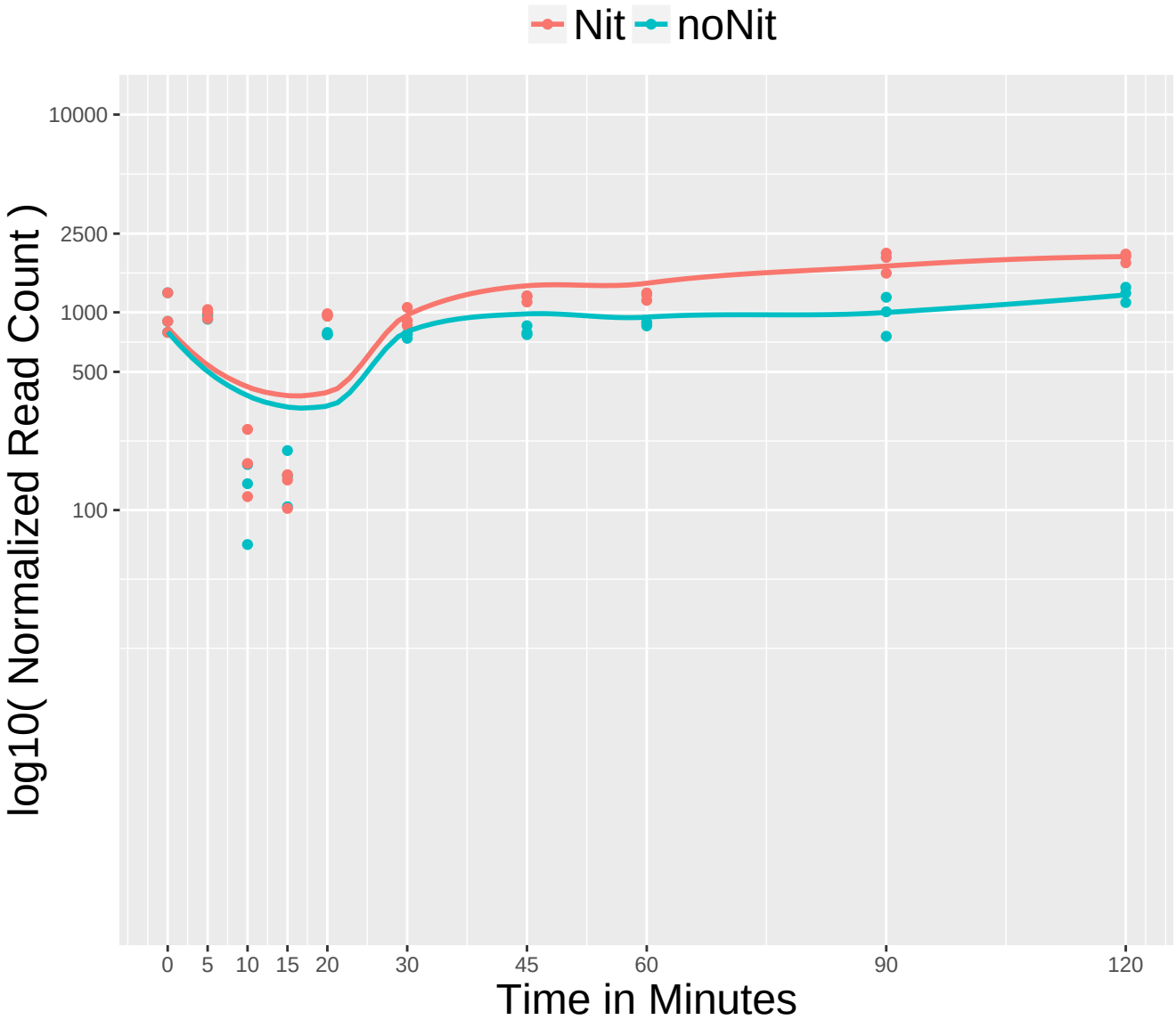

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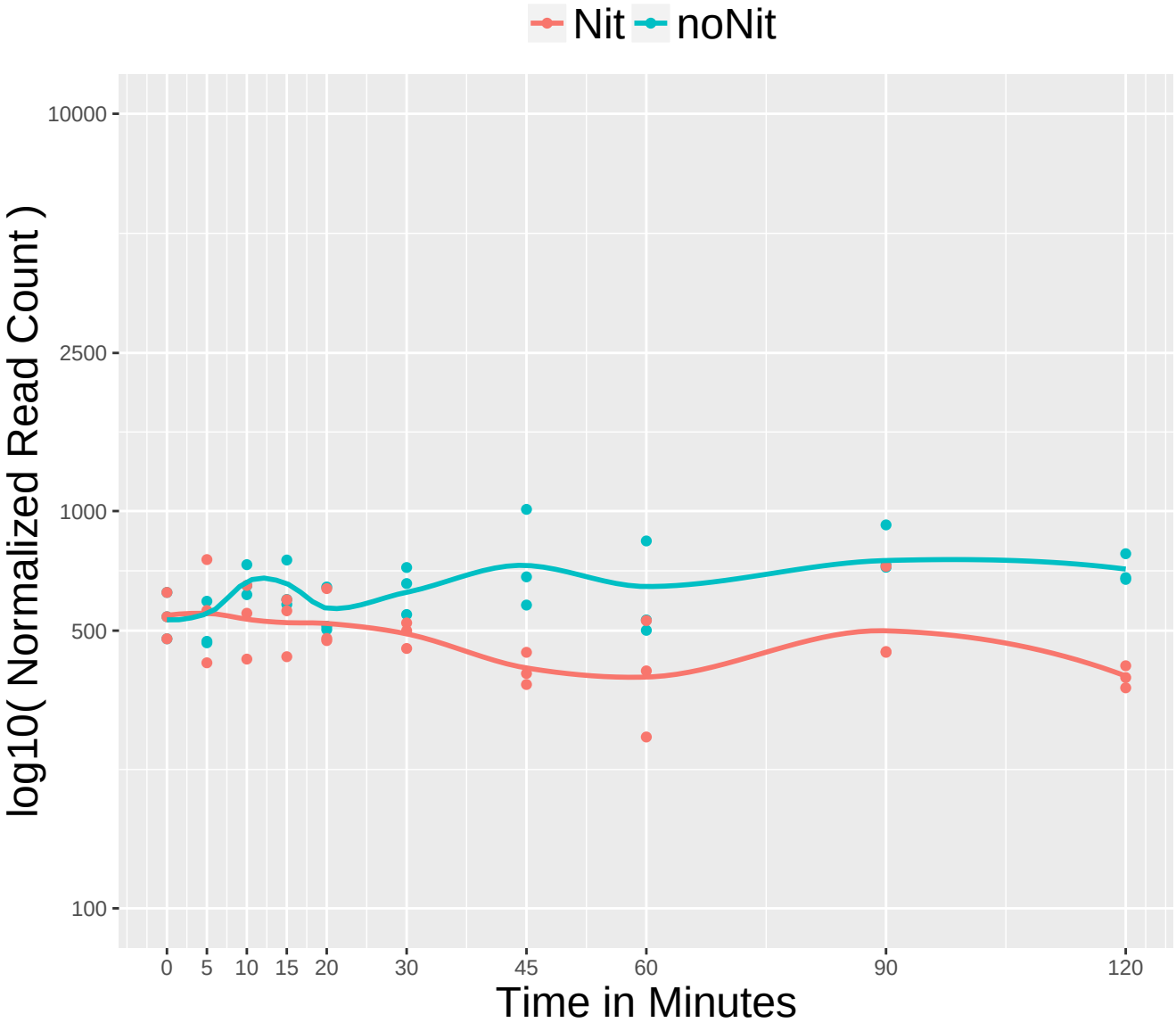
ATPLC,ARABIDOPSIS



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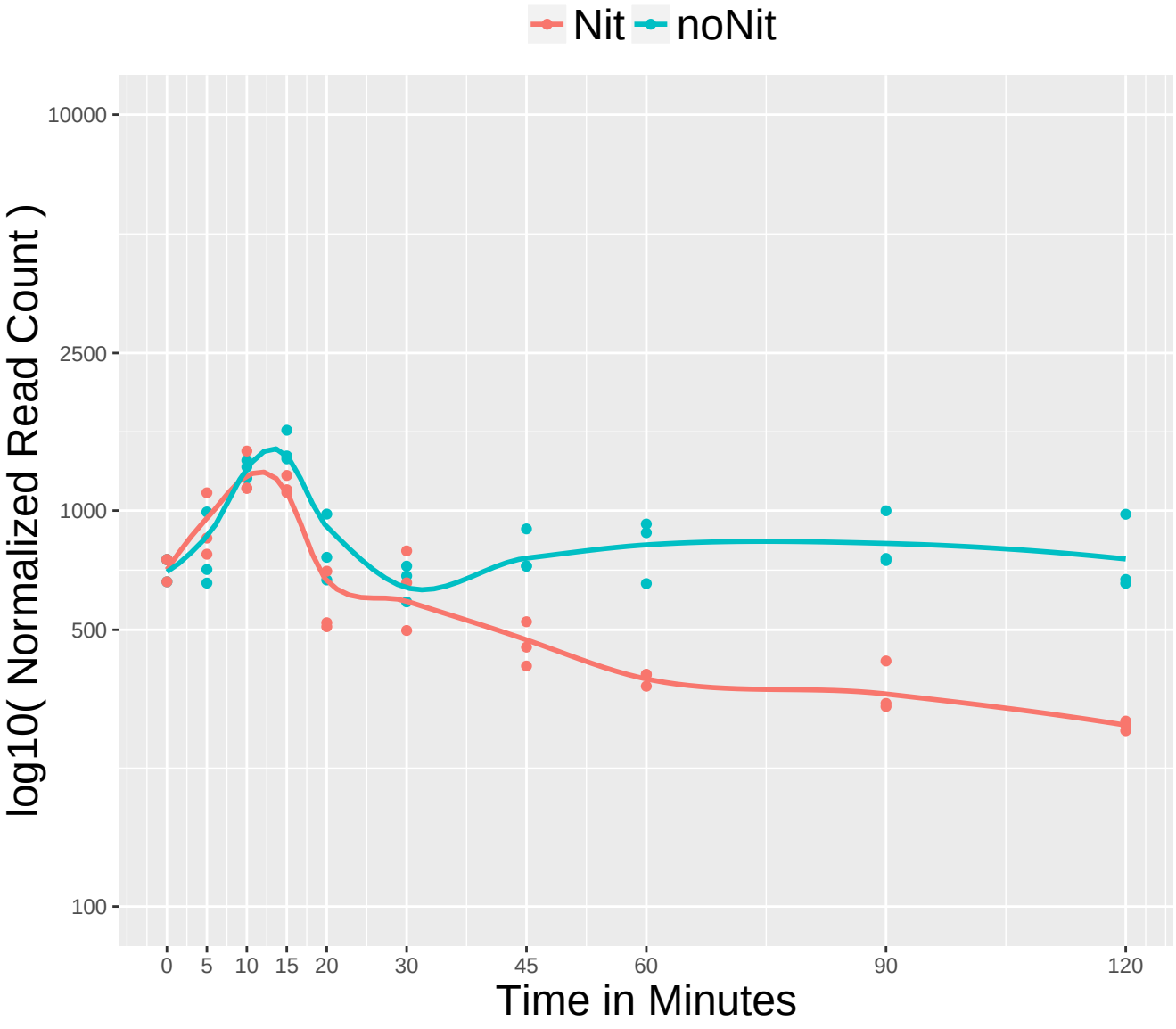
Octicosapeptide/Phox/Bem1p



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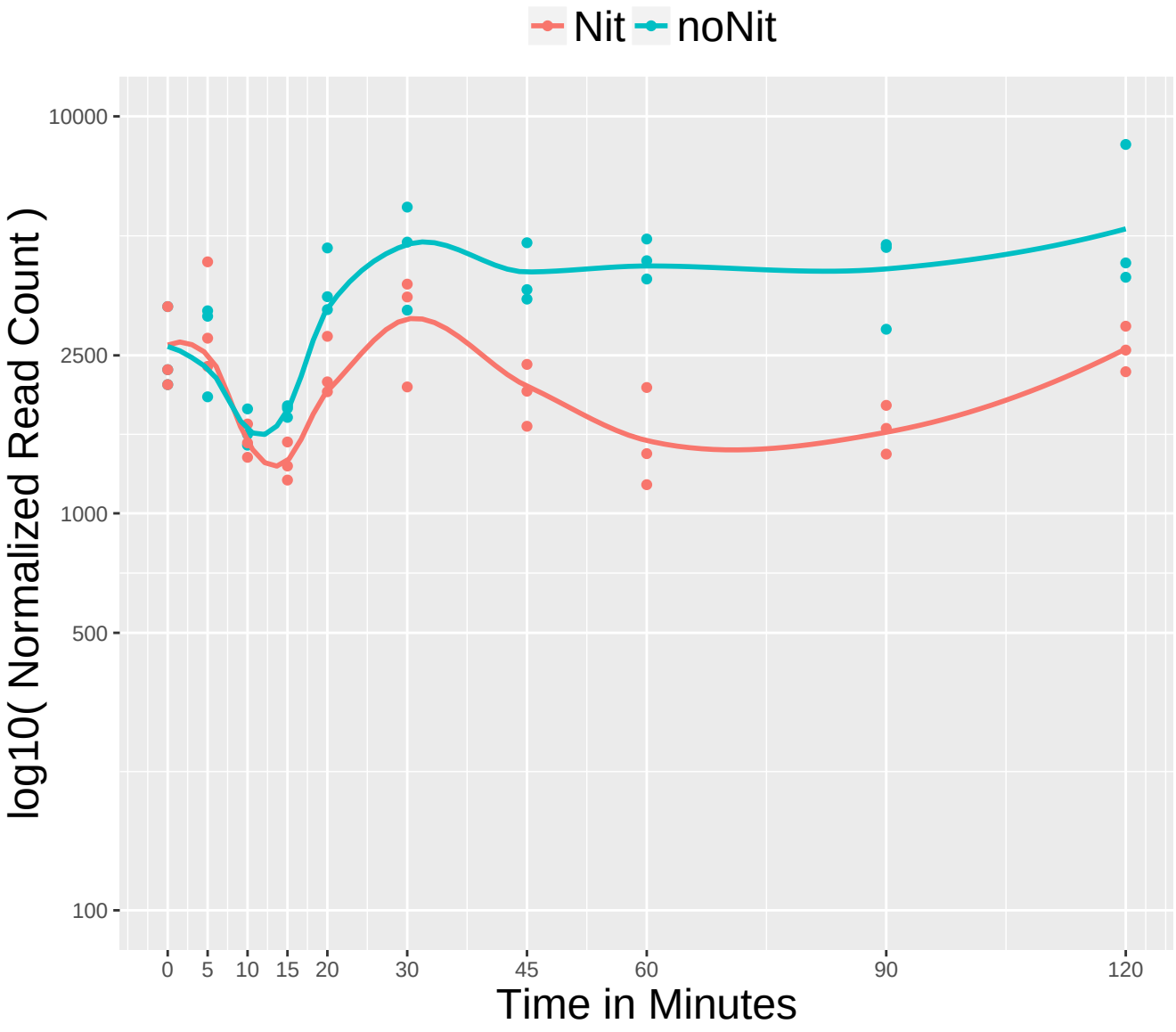
IGMT4,indole



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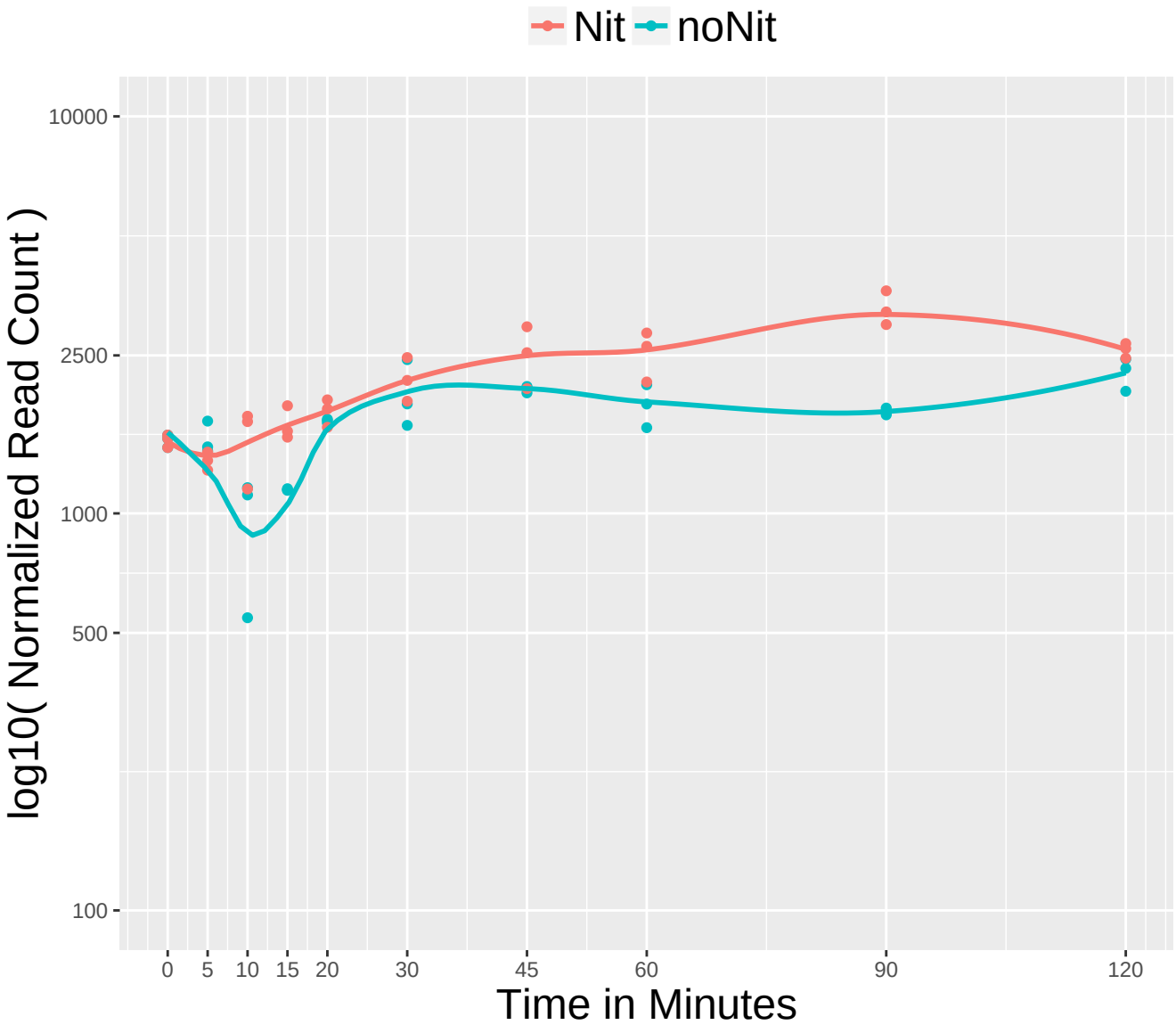
AK−HSDH,ASPARTATE



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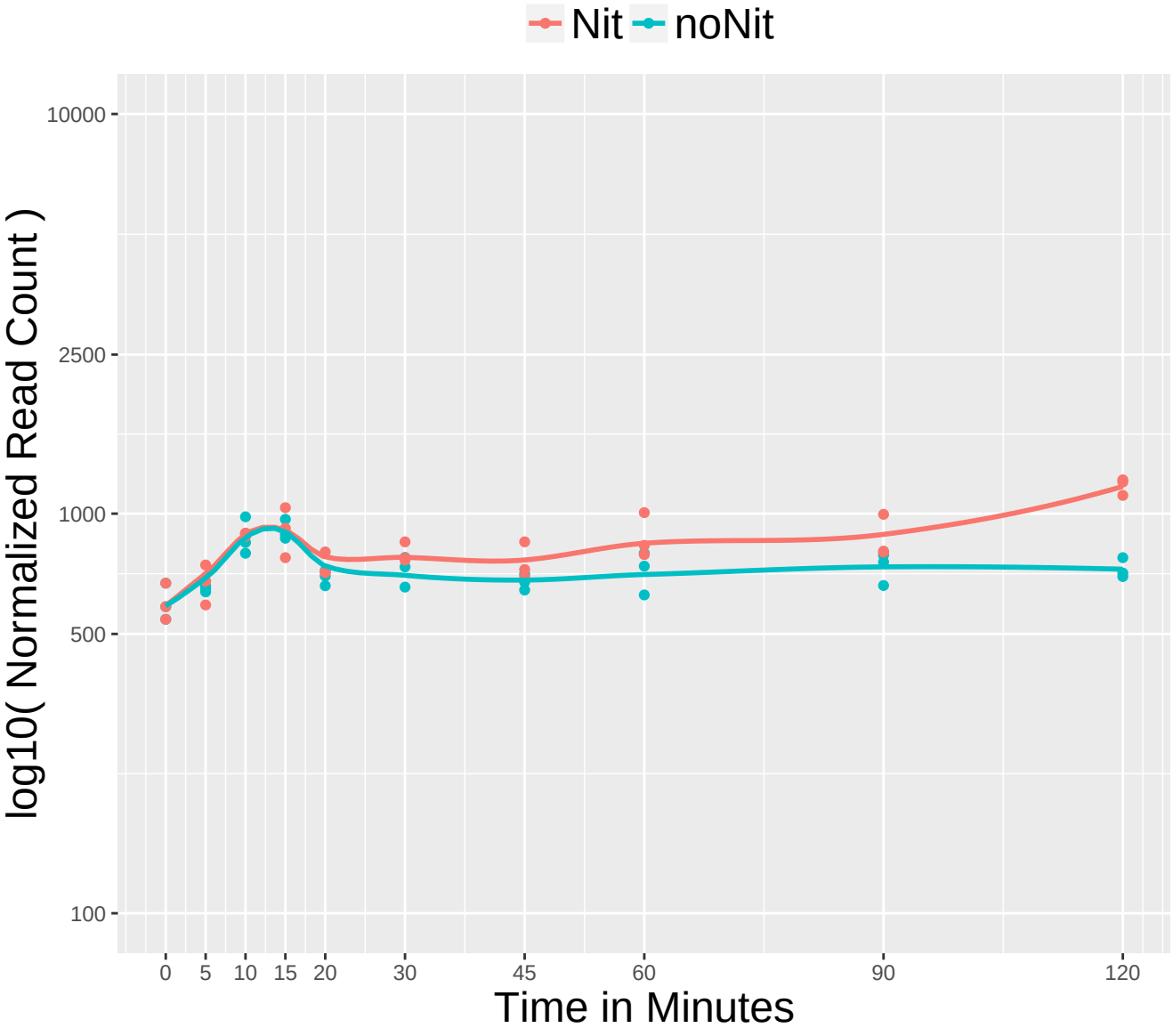
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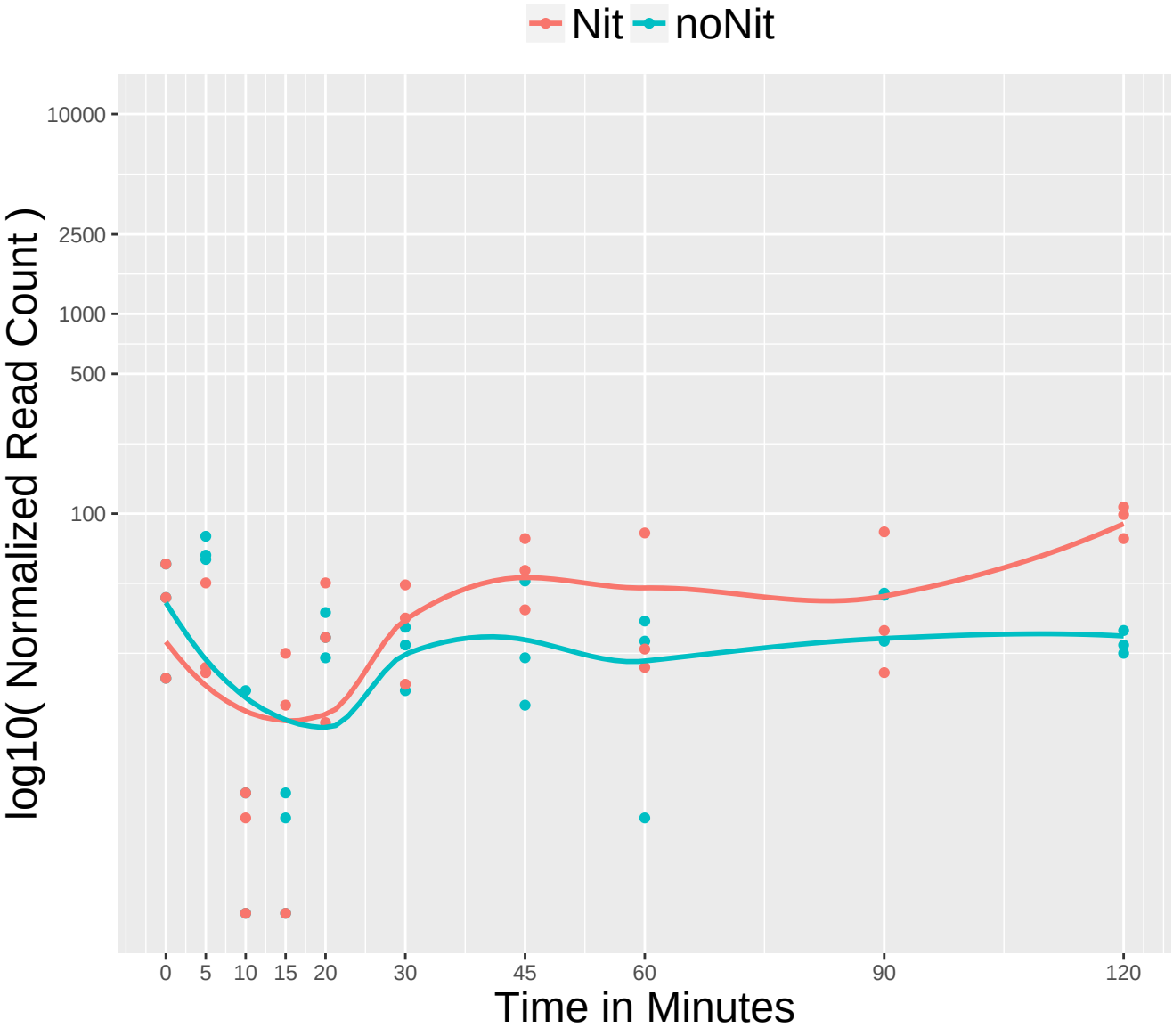

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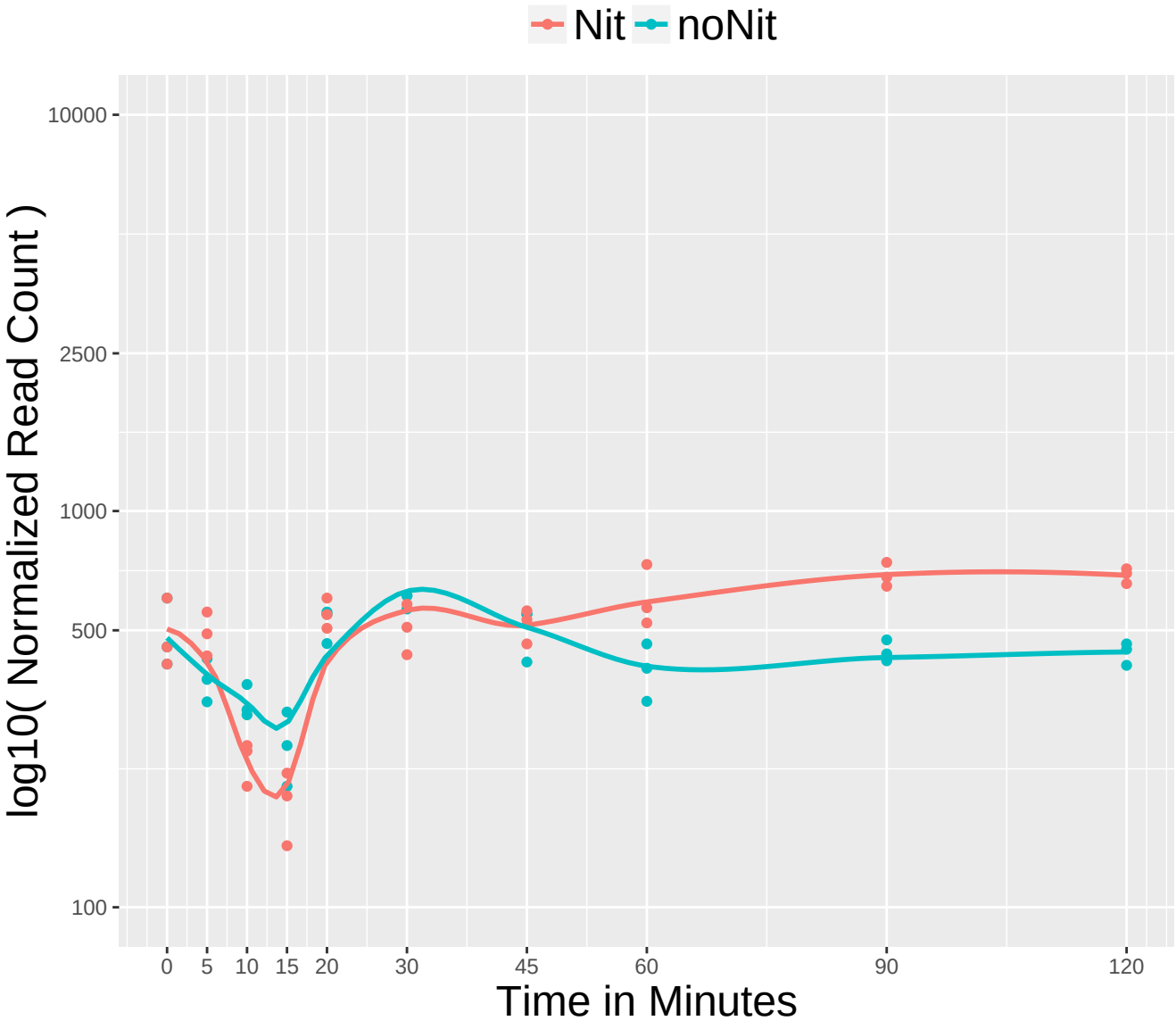
Tetratricopeptide



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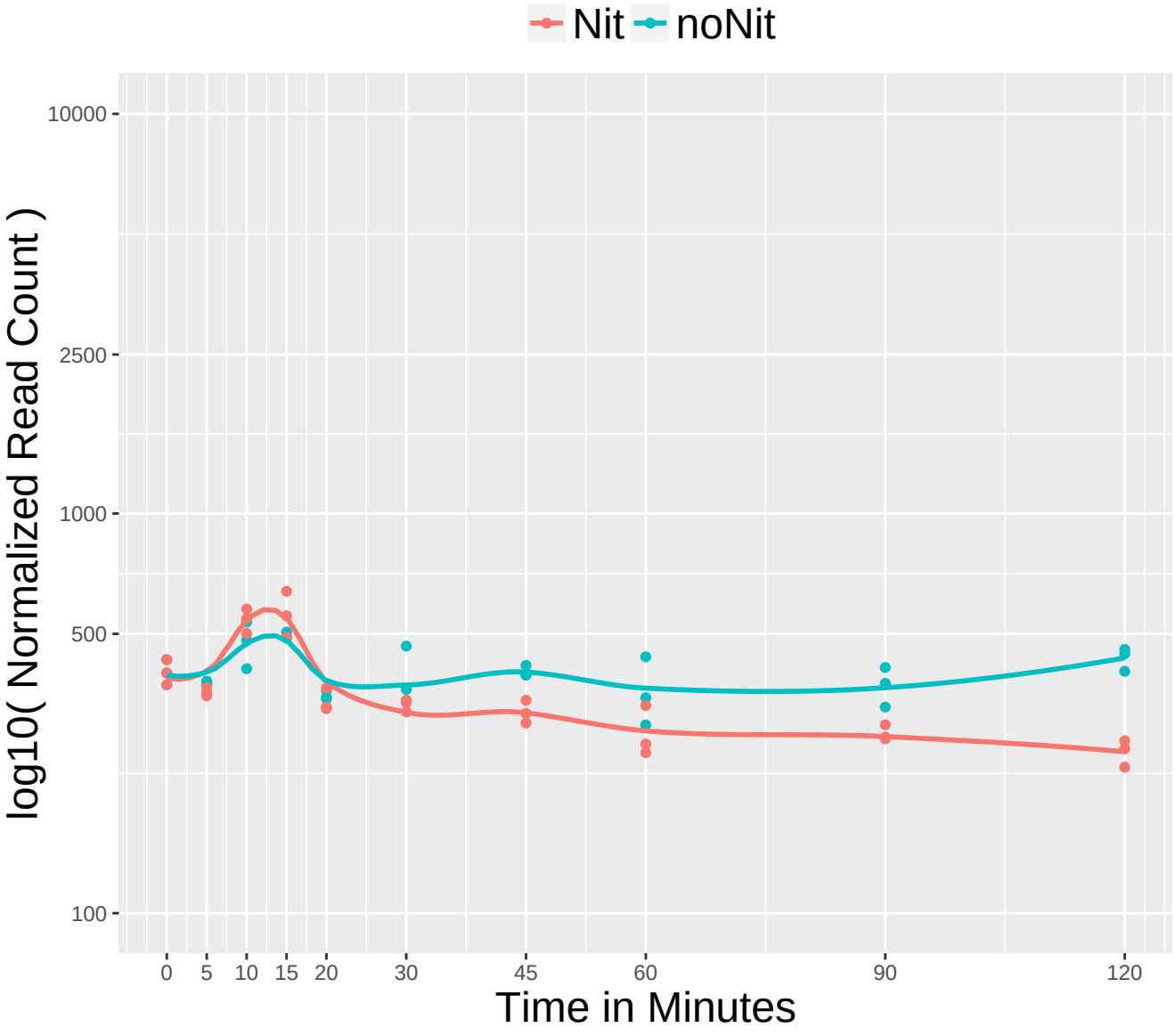
Plant



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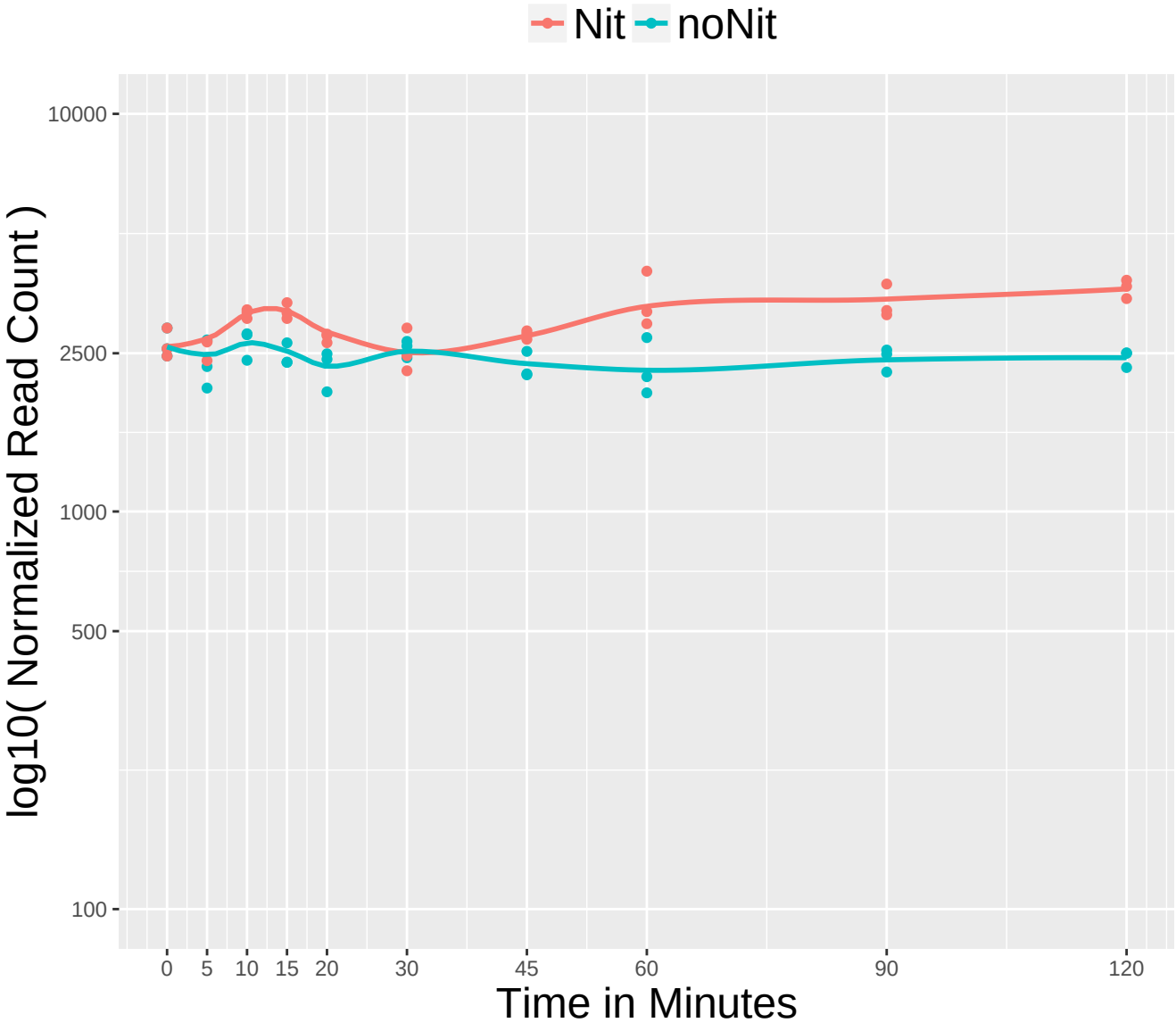

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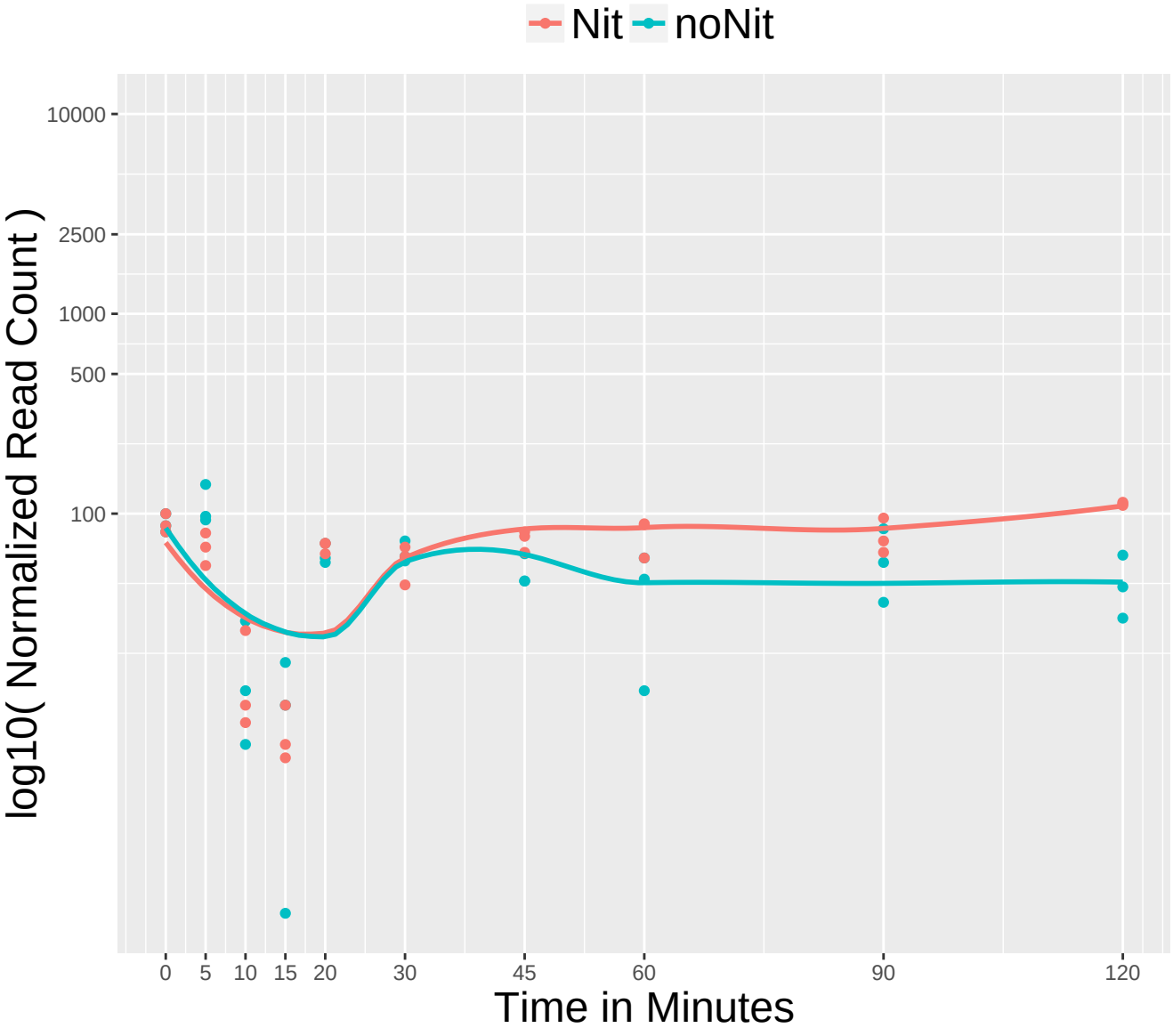
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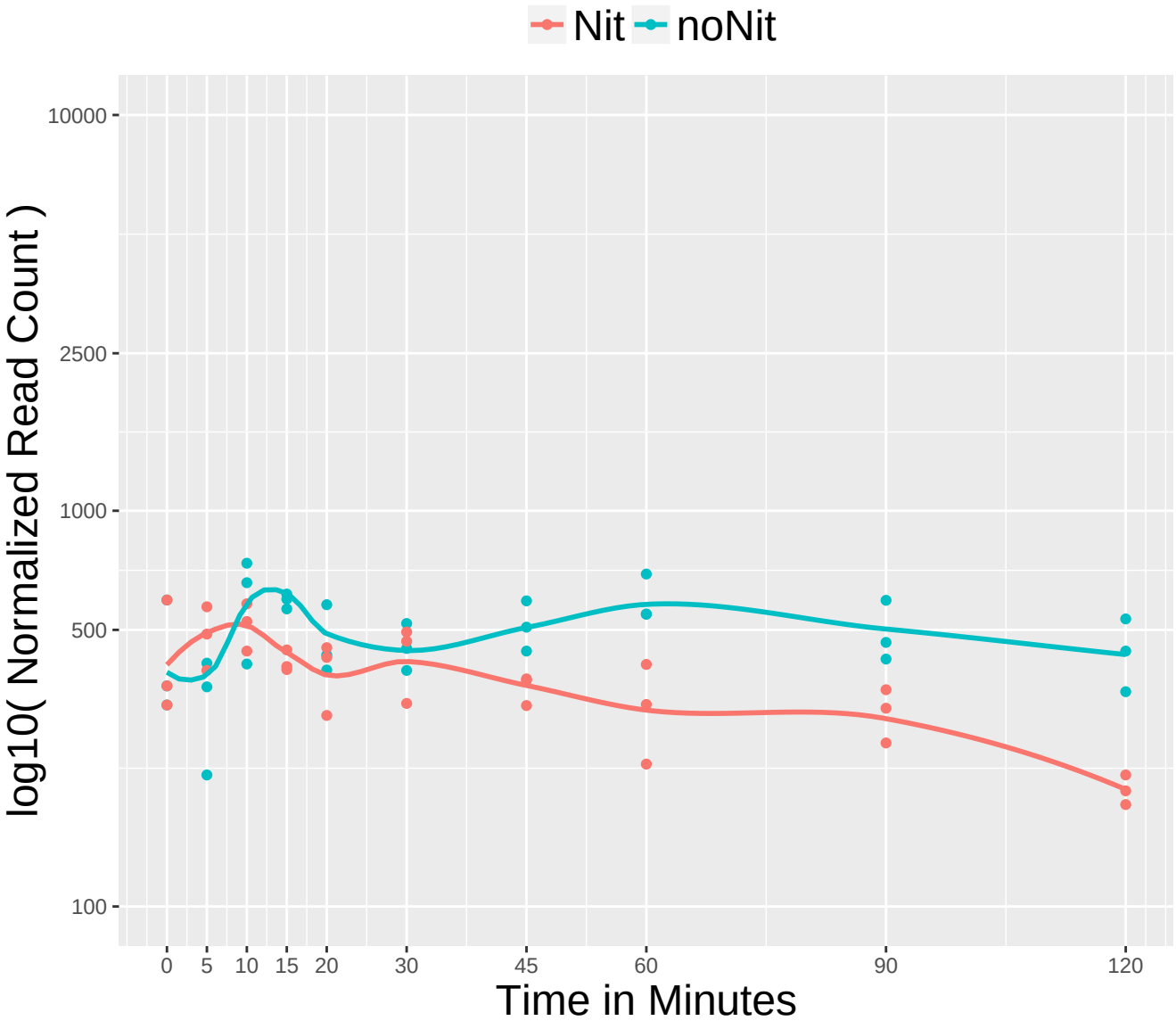
AT3G10320

Glycosyltransferase



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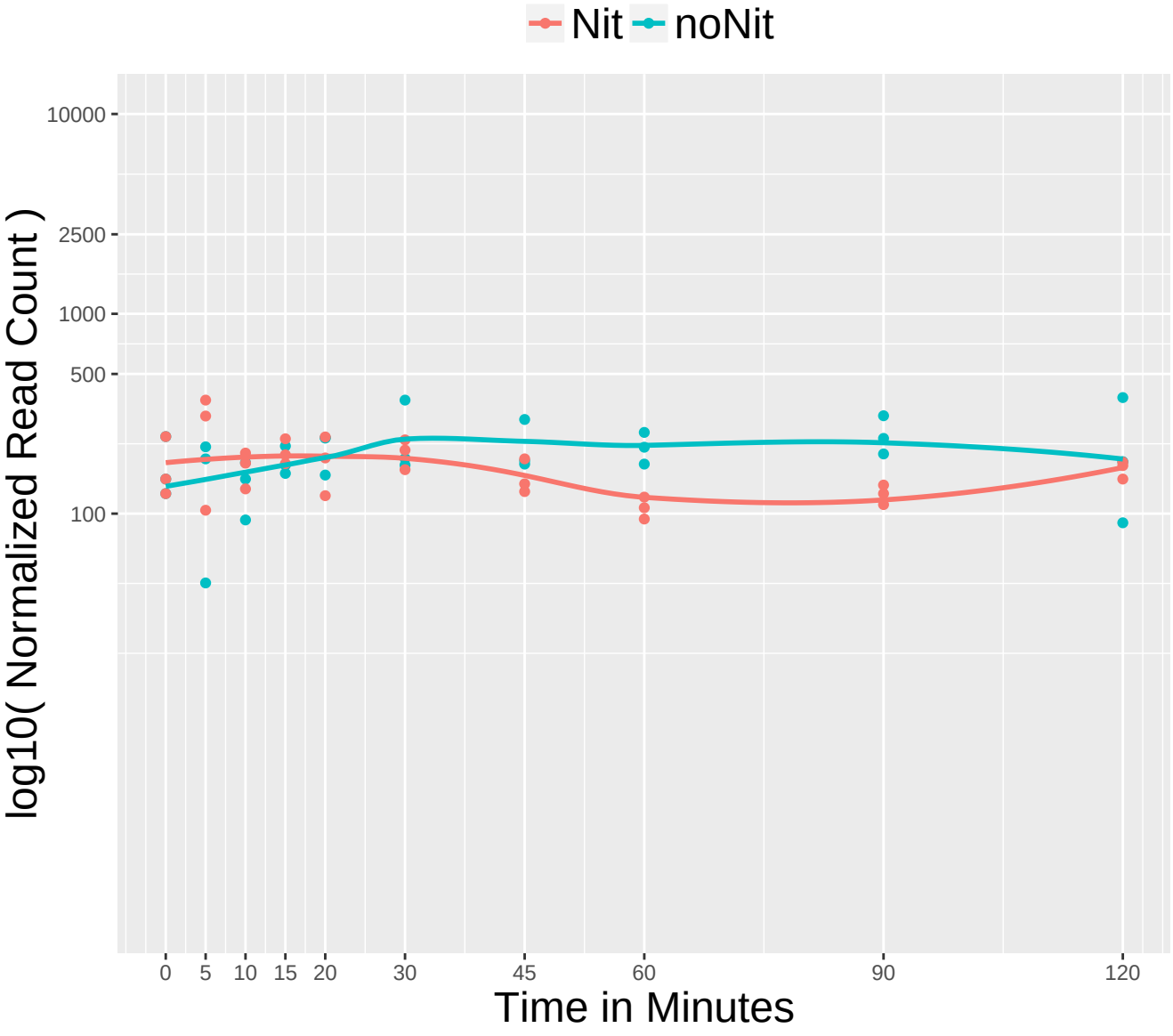
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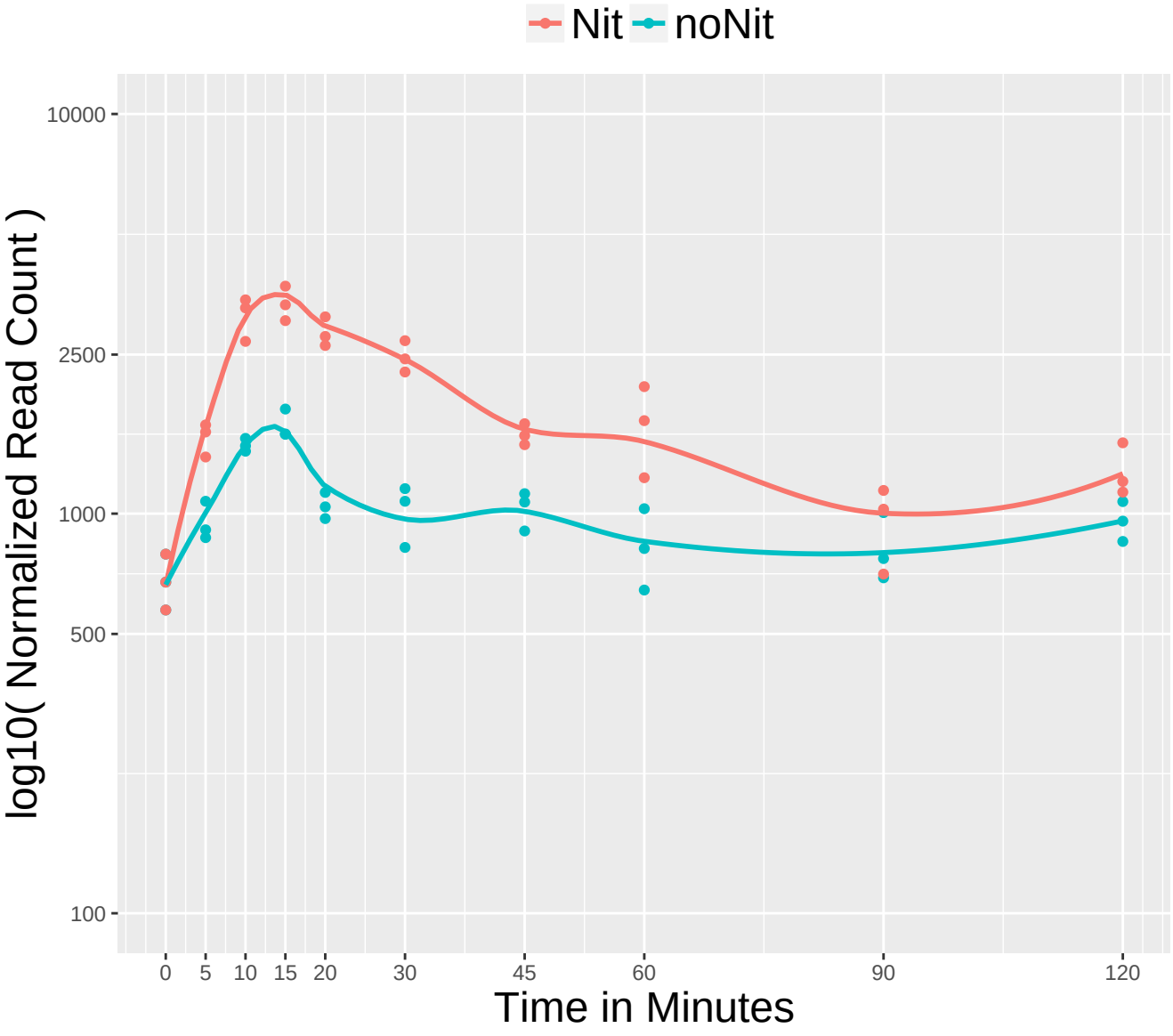
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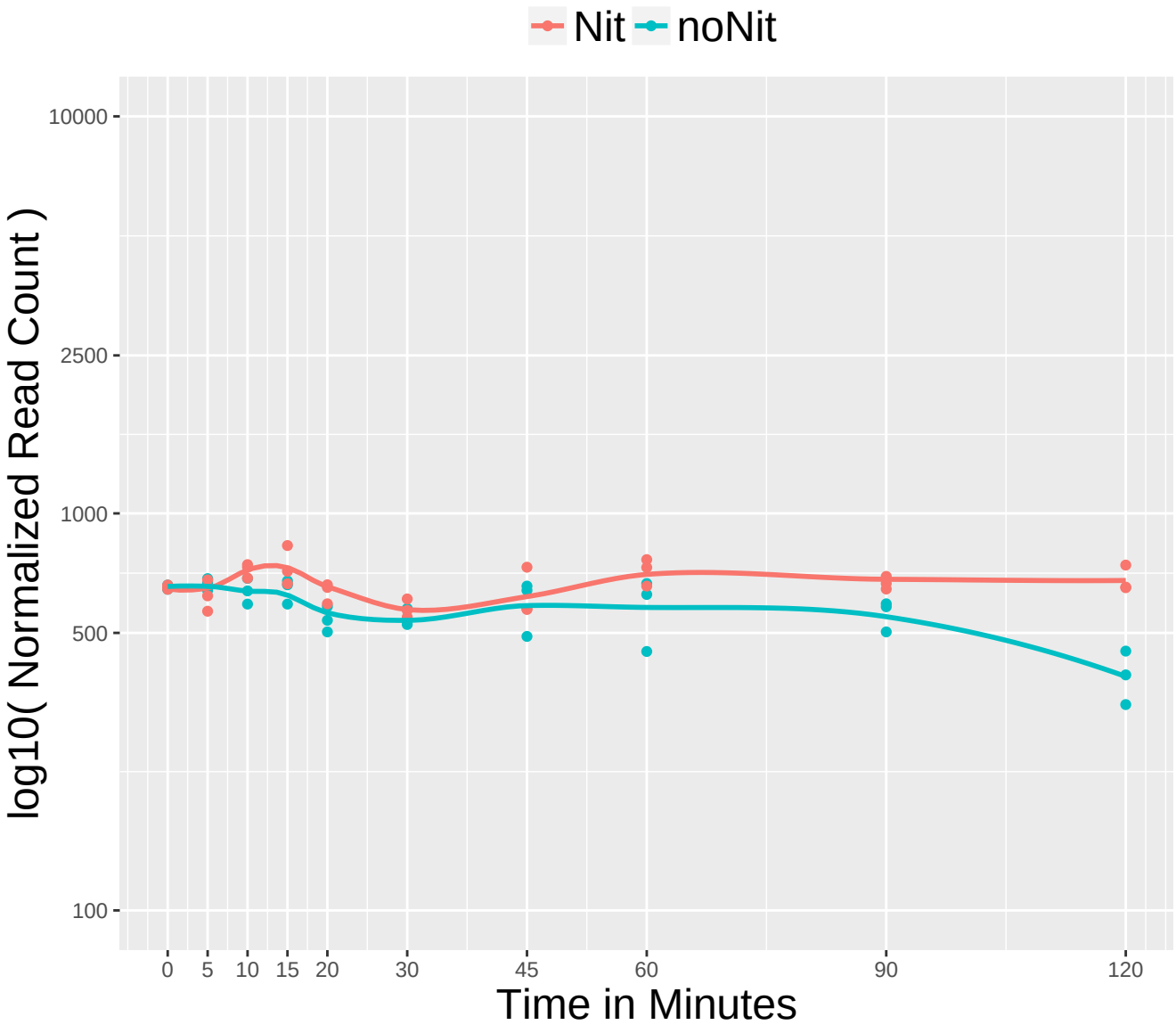
AT4G20010

OSB2,ORGANELLAR



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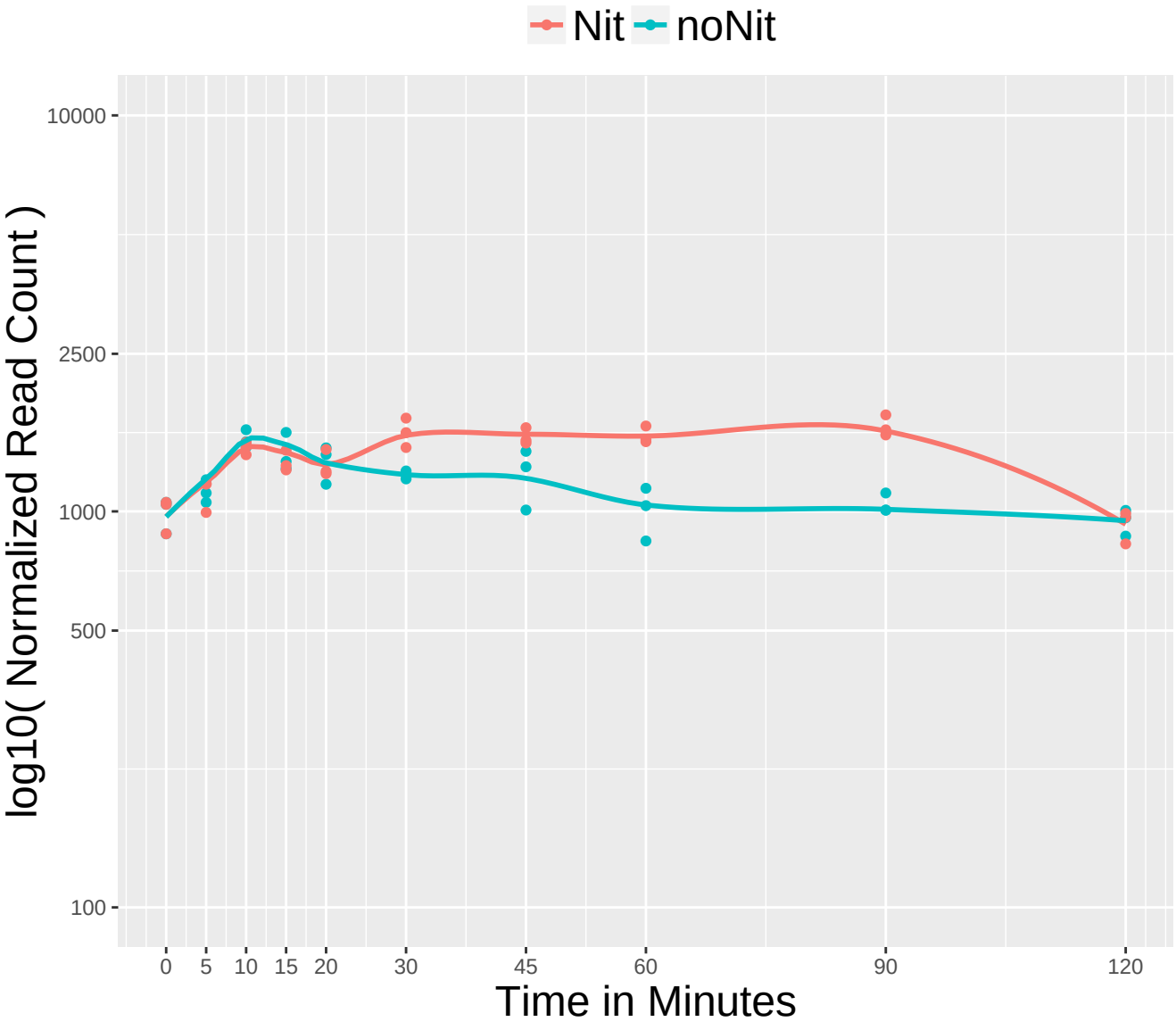

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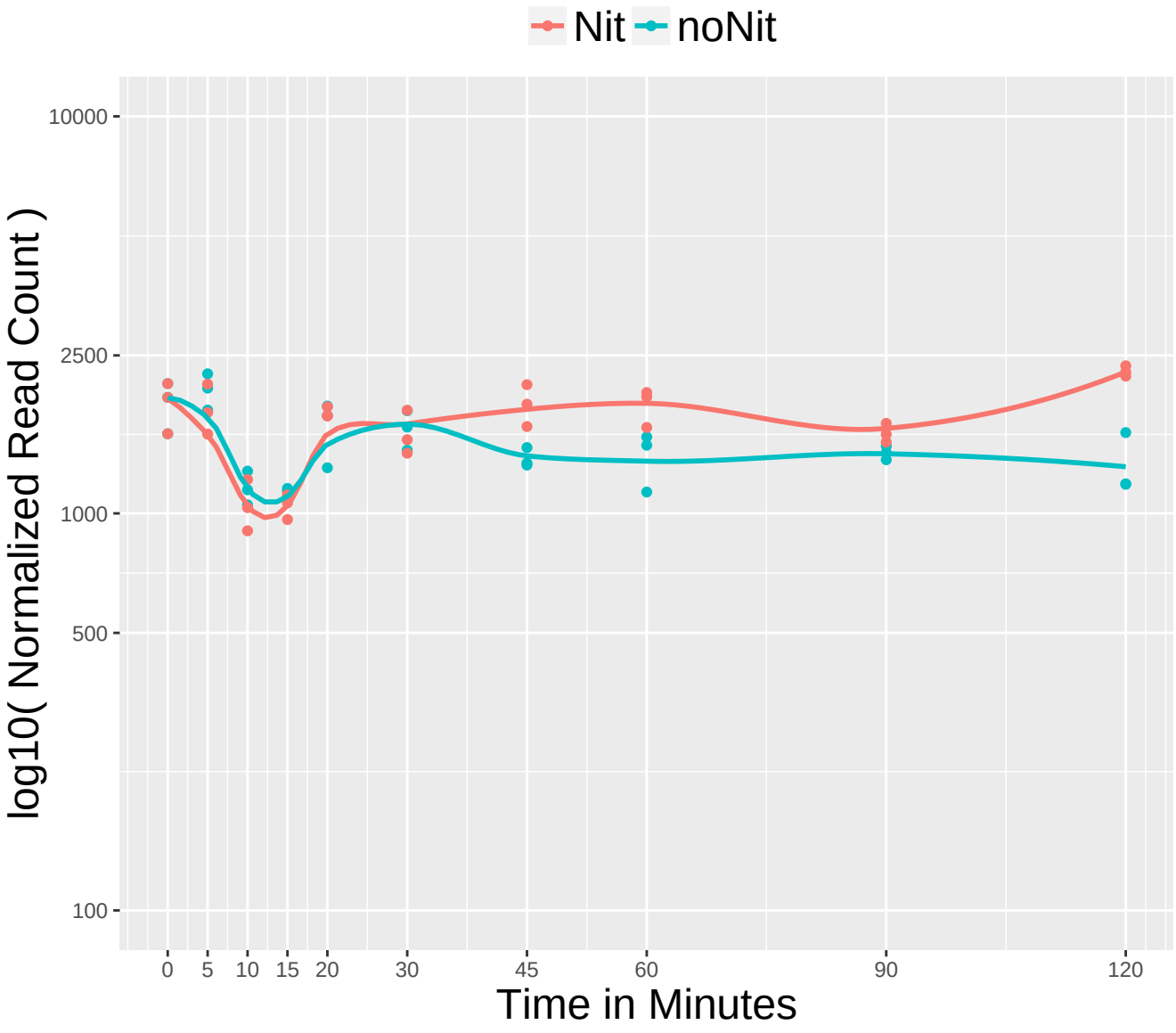

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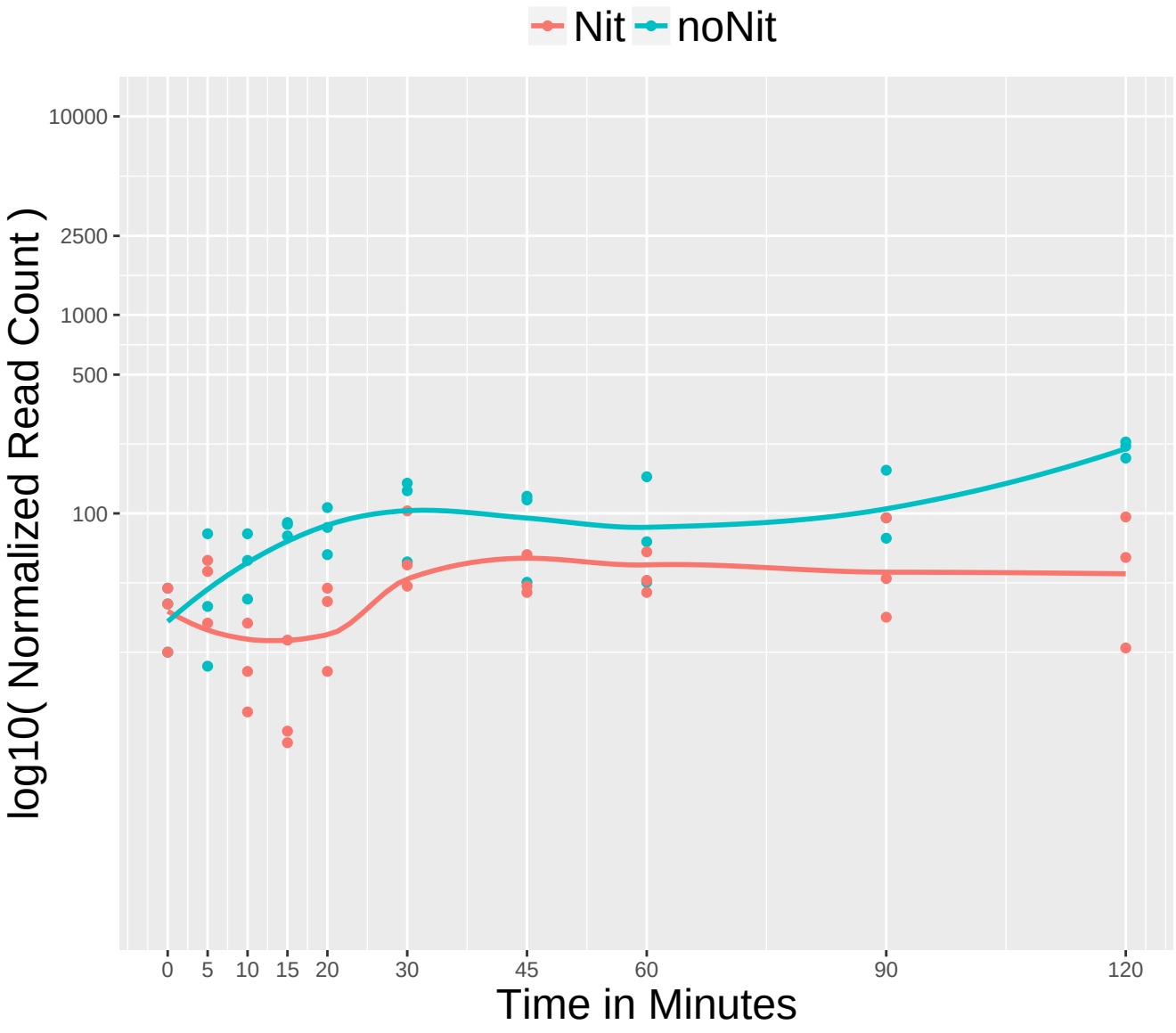
CER4,ECERIFERUM



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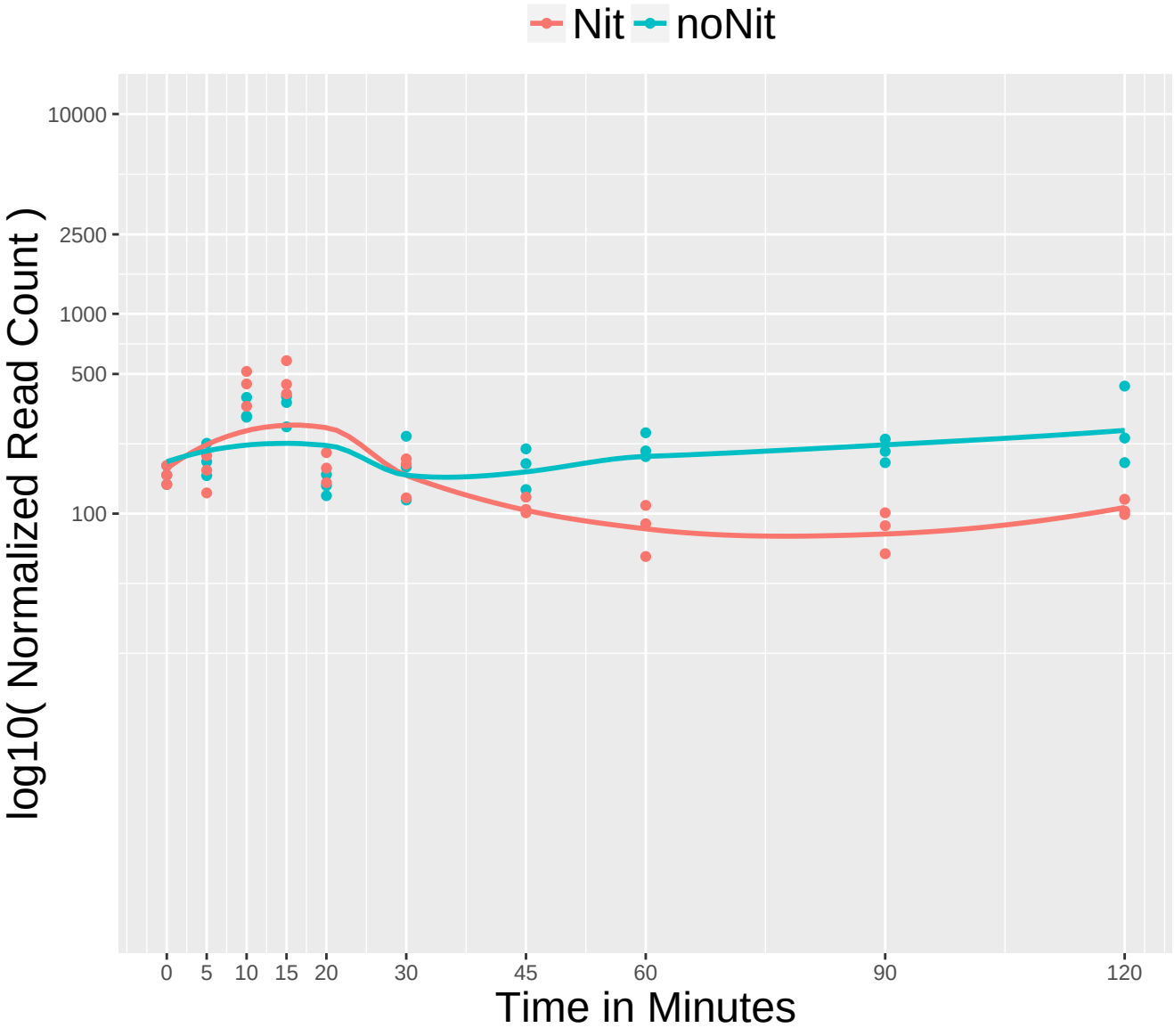

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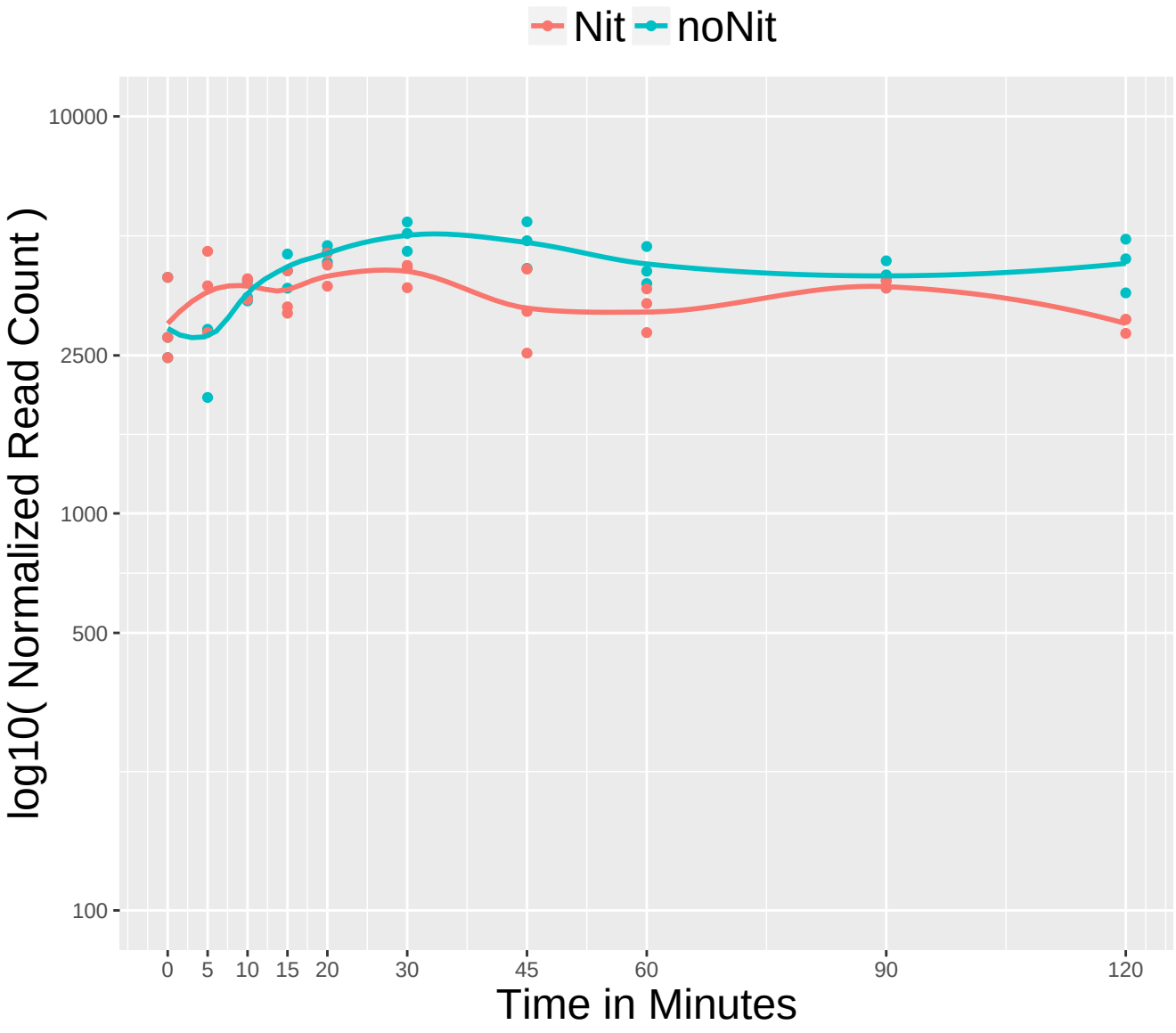

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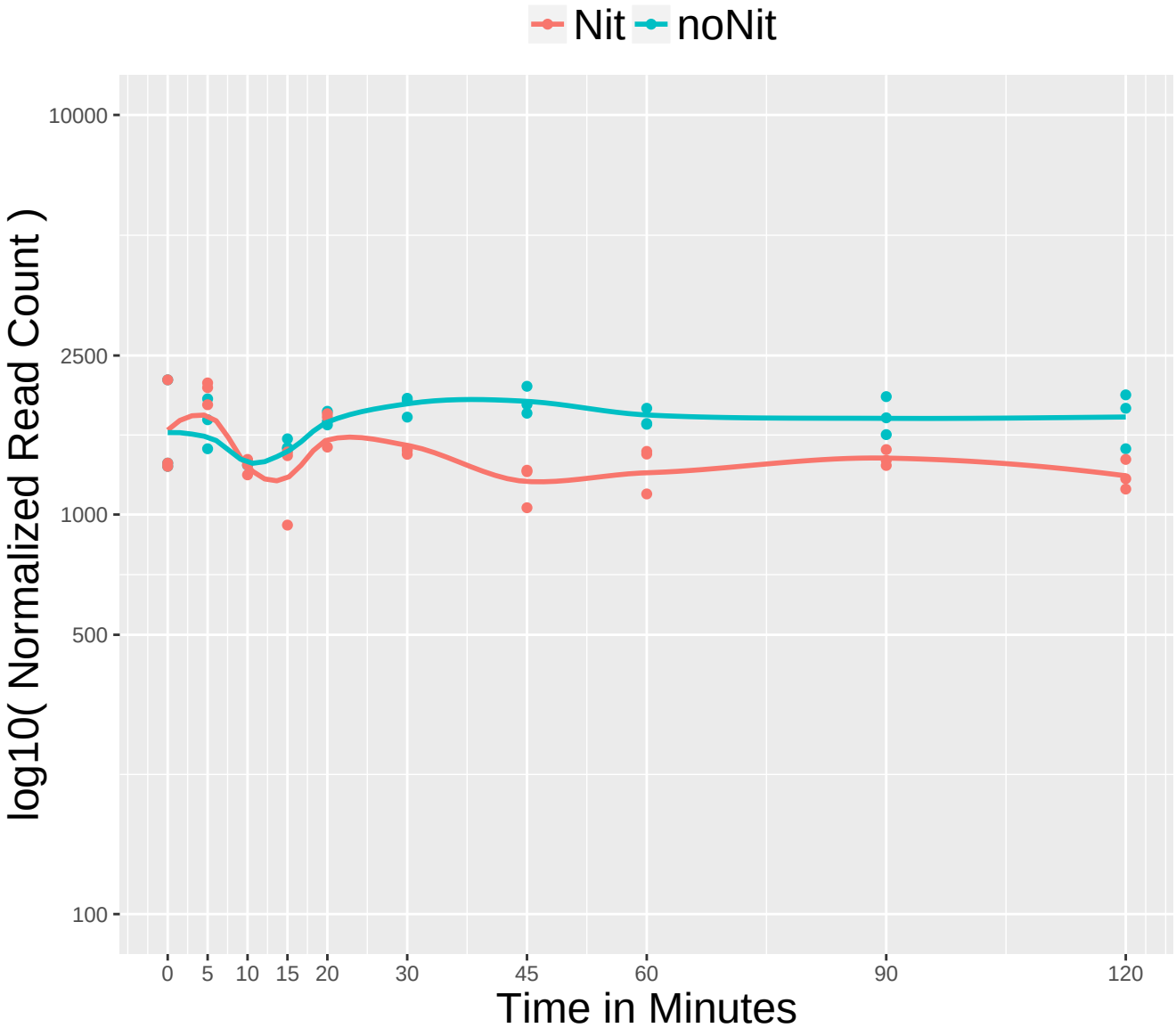

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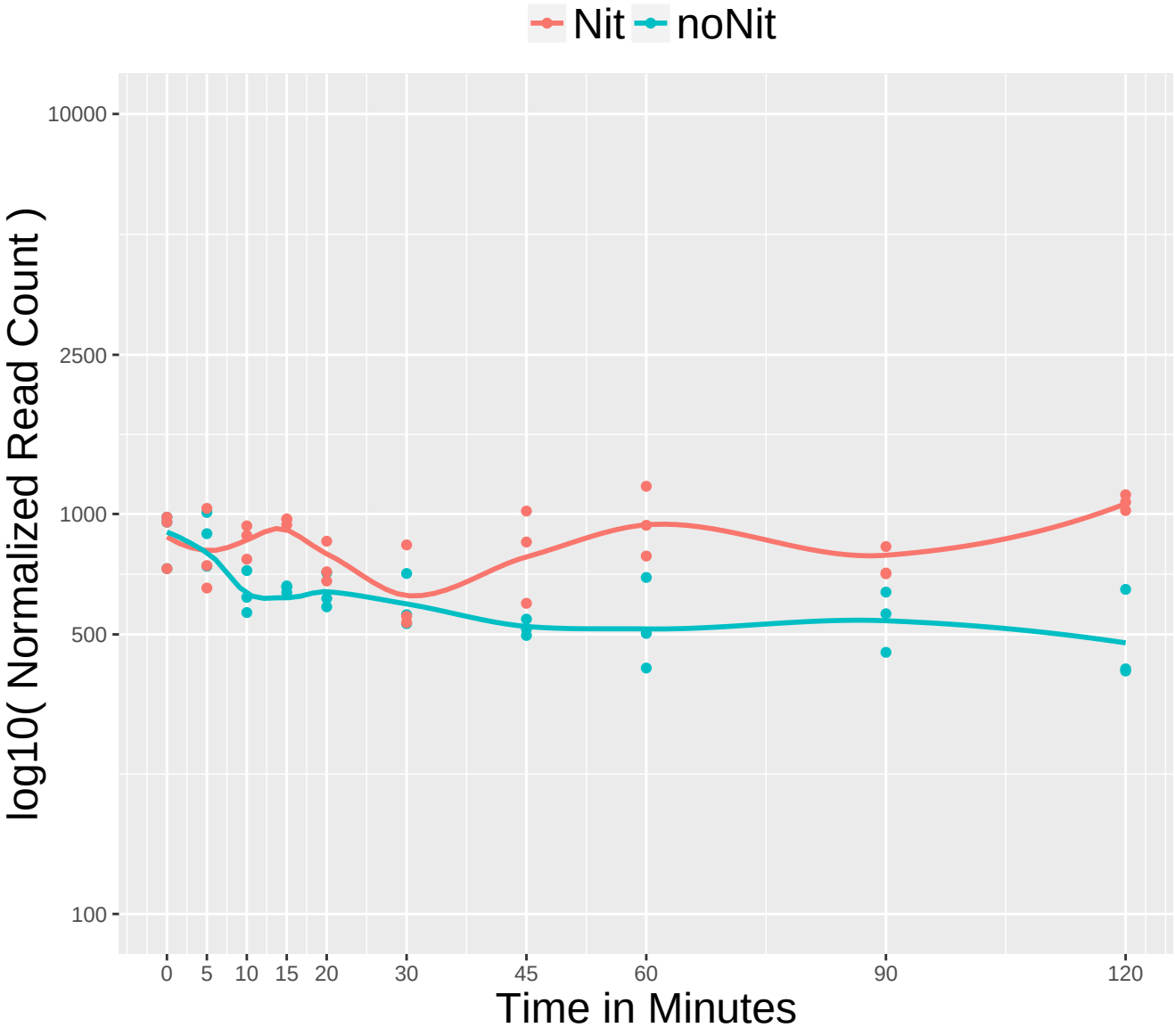

ATCG00460

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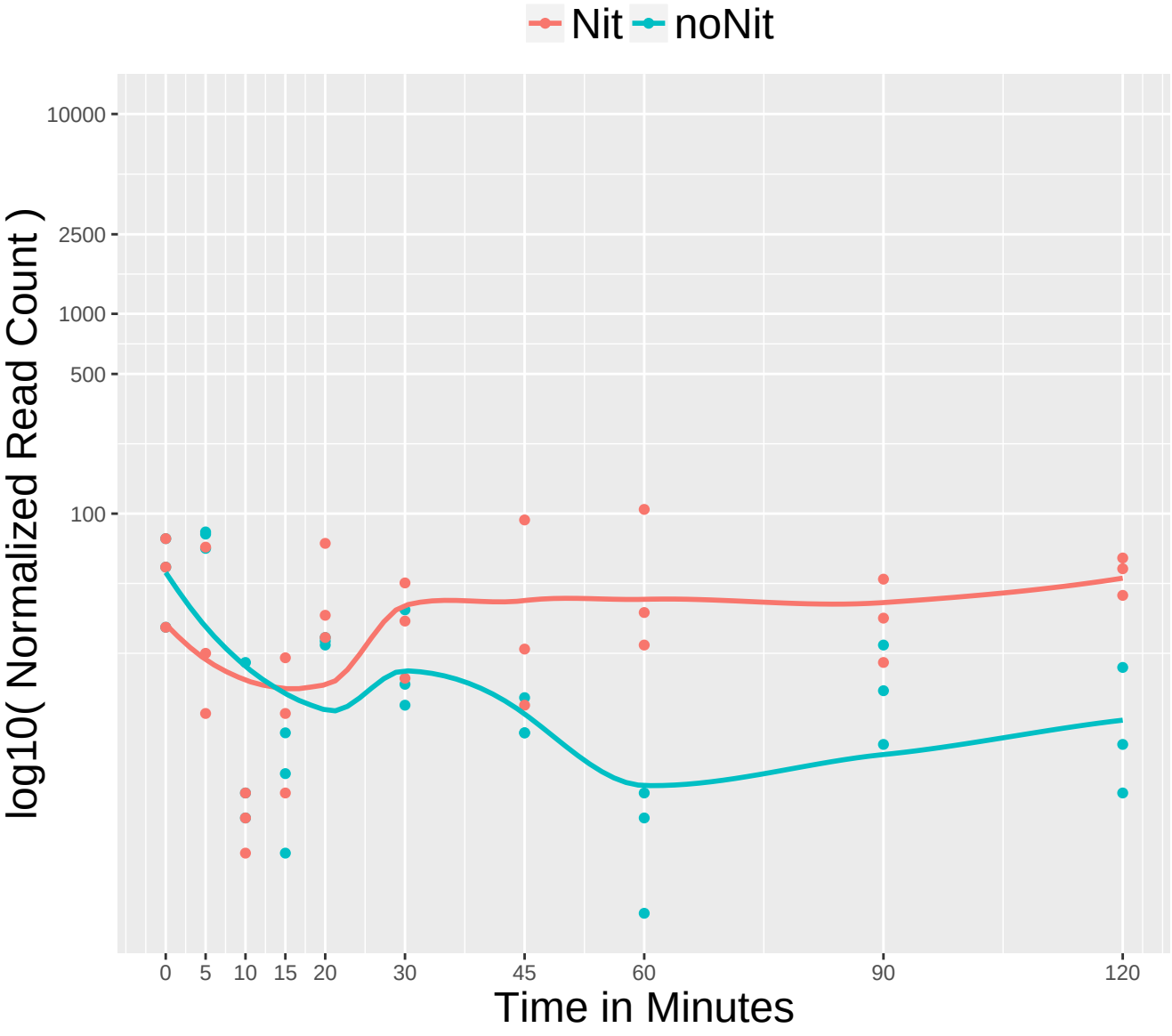

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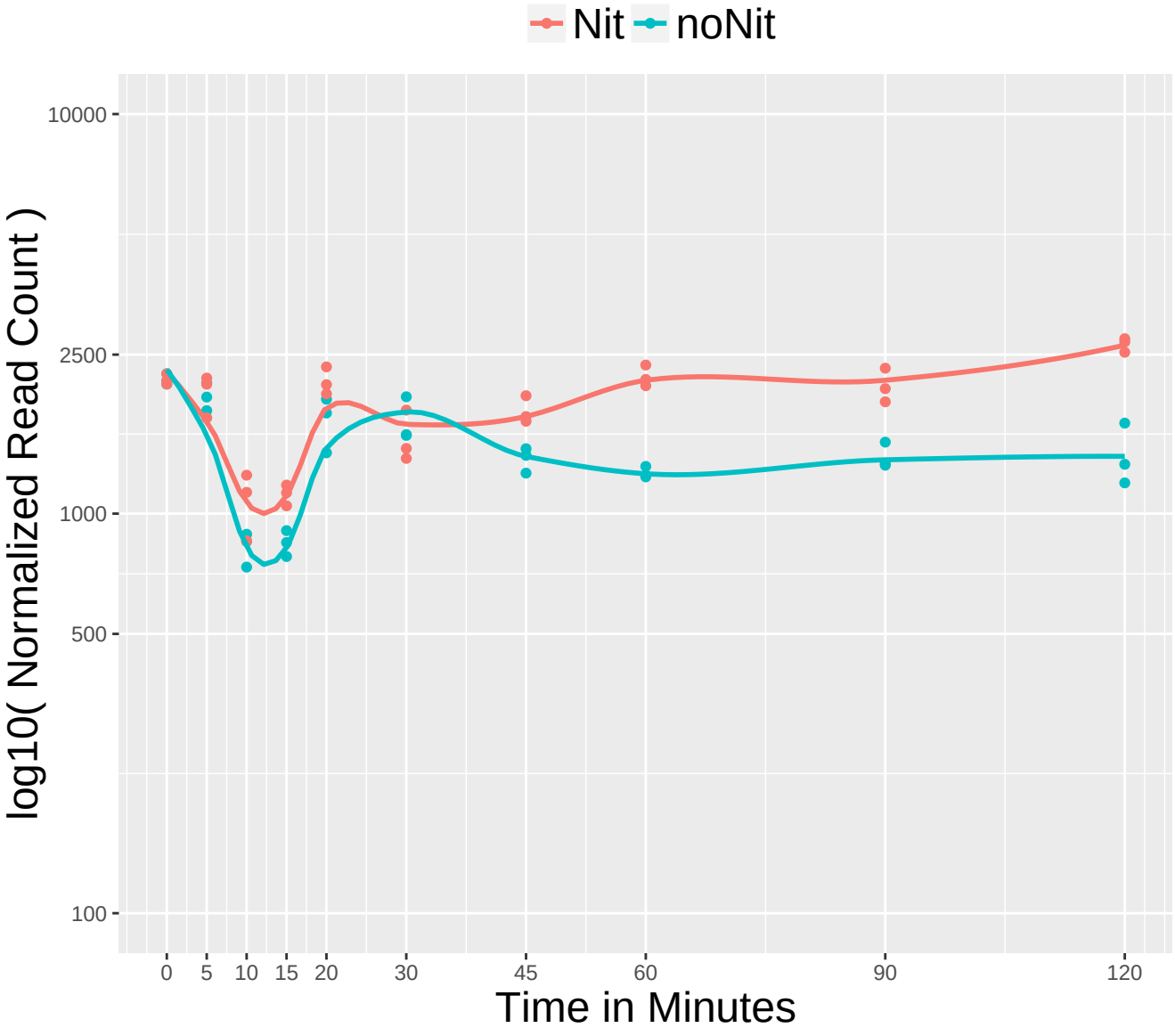

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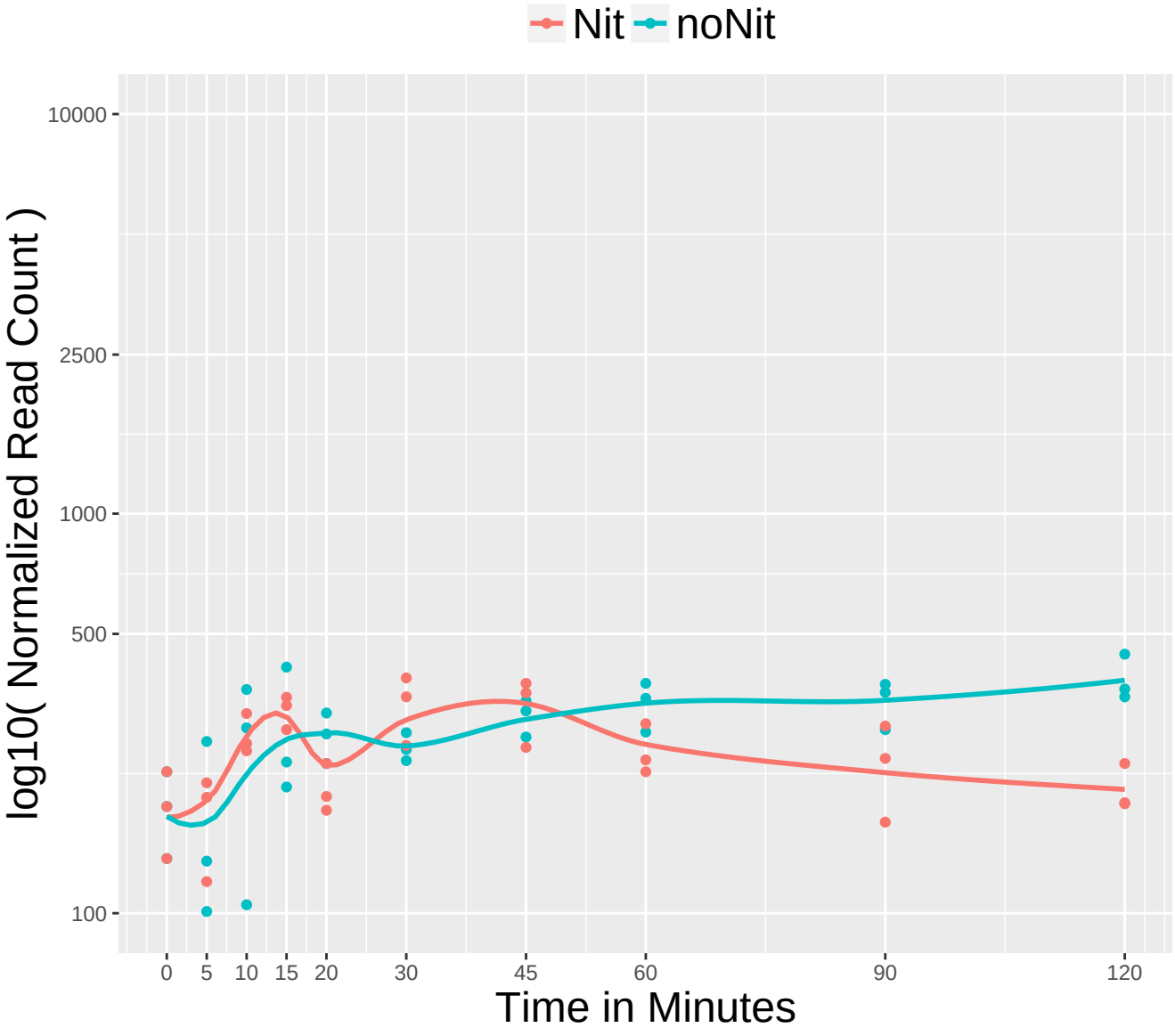

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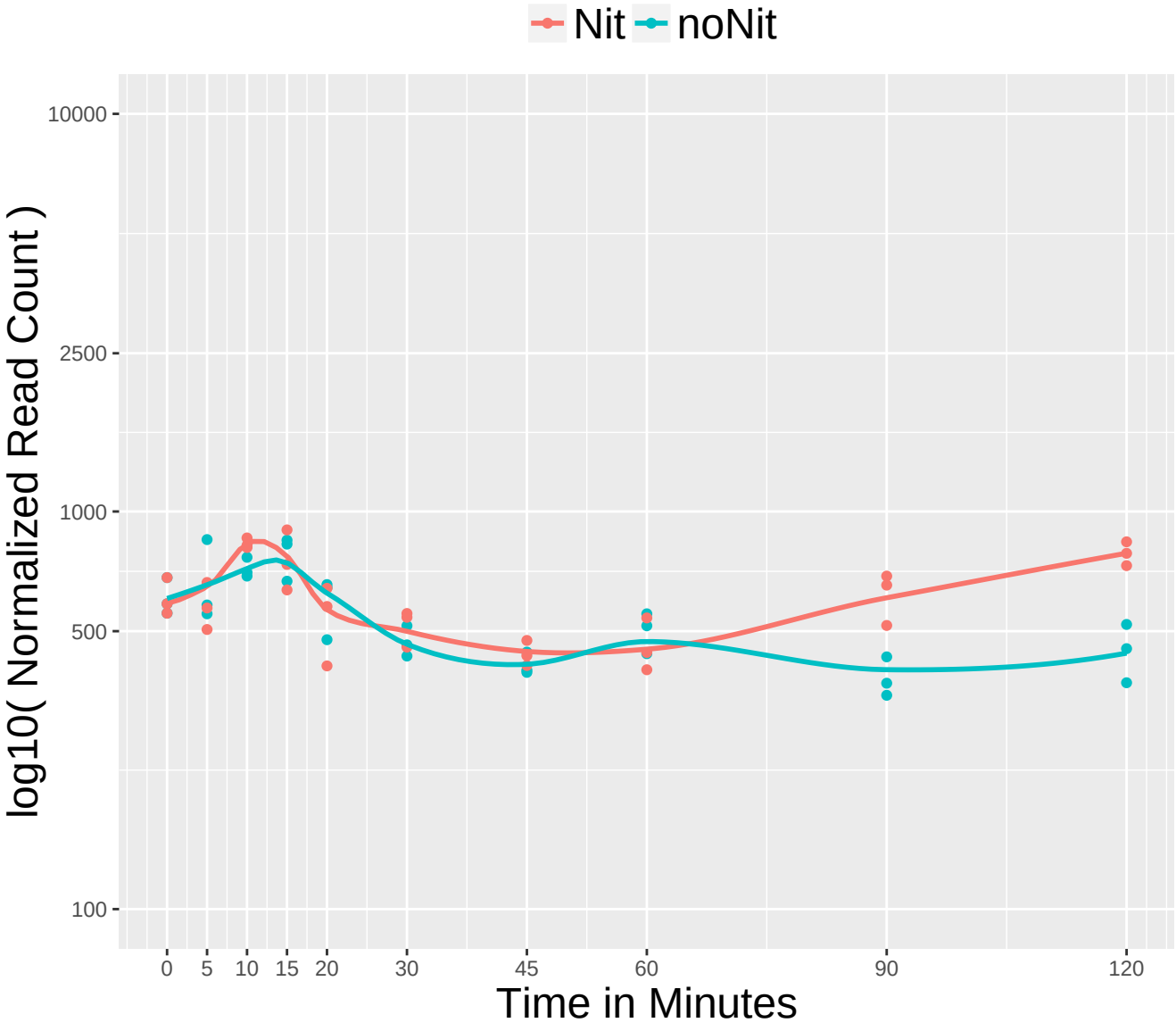
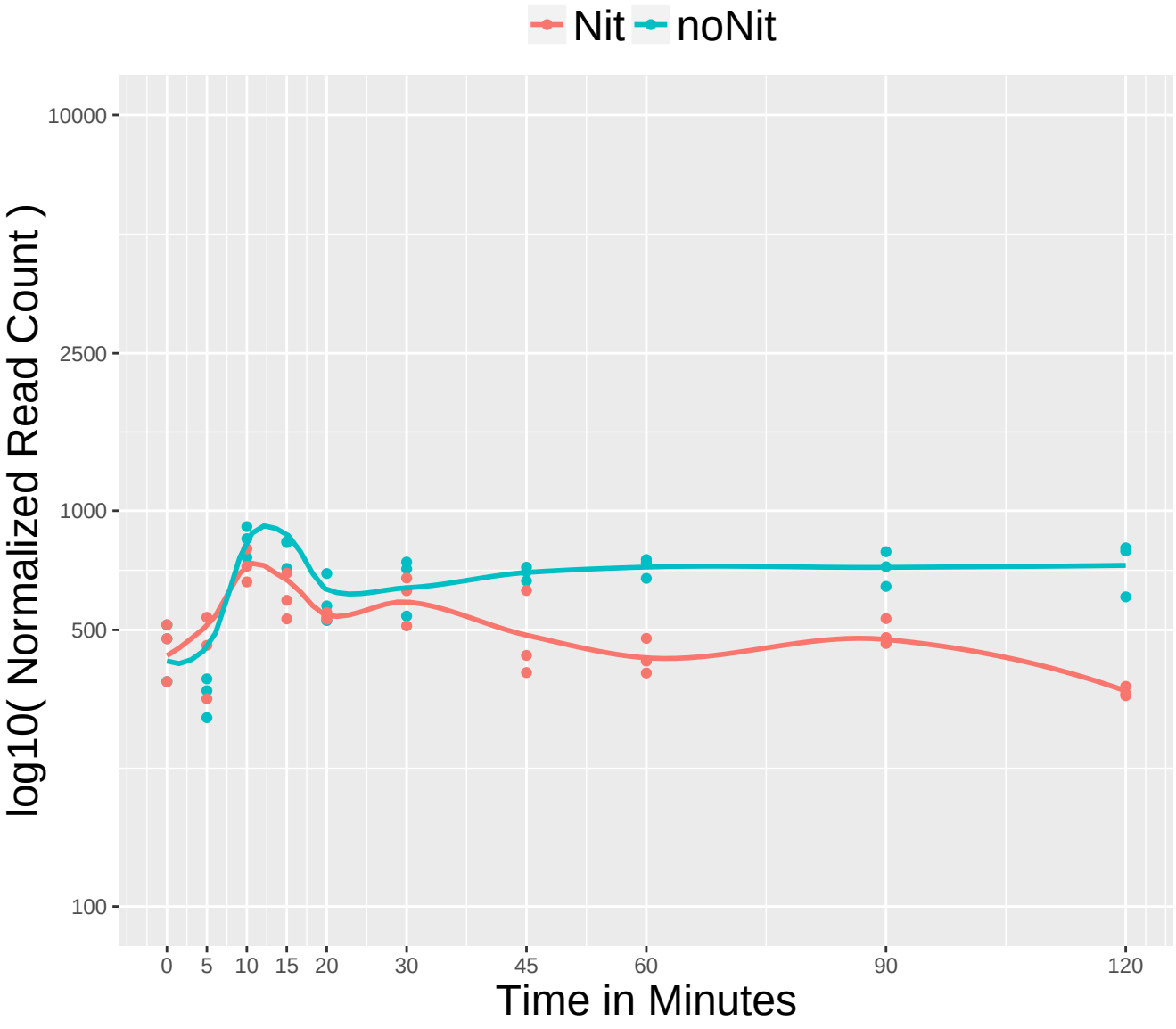


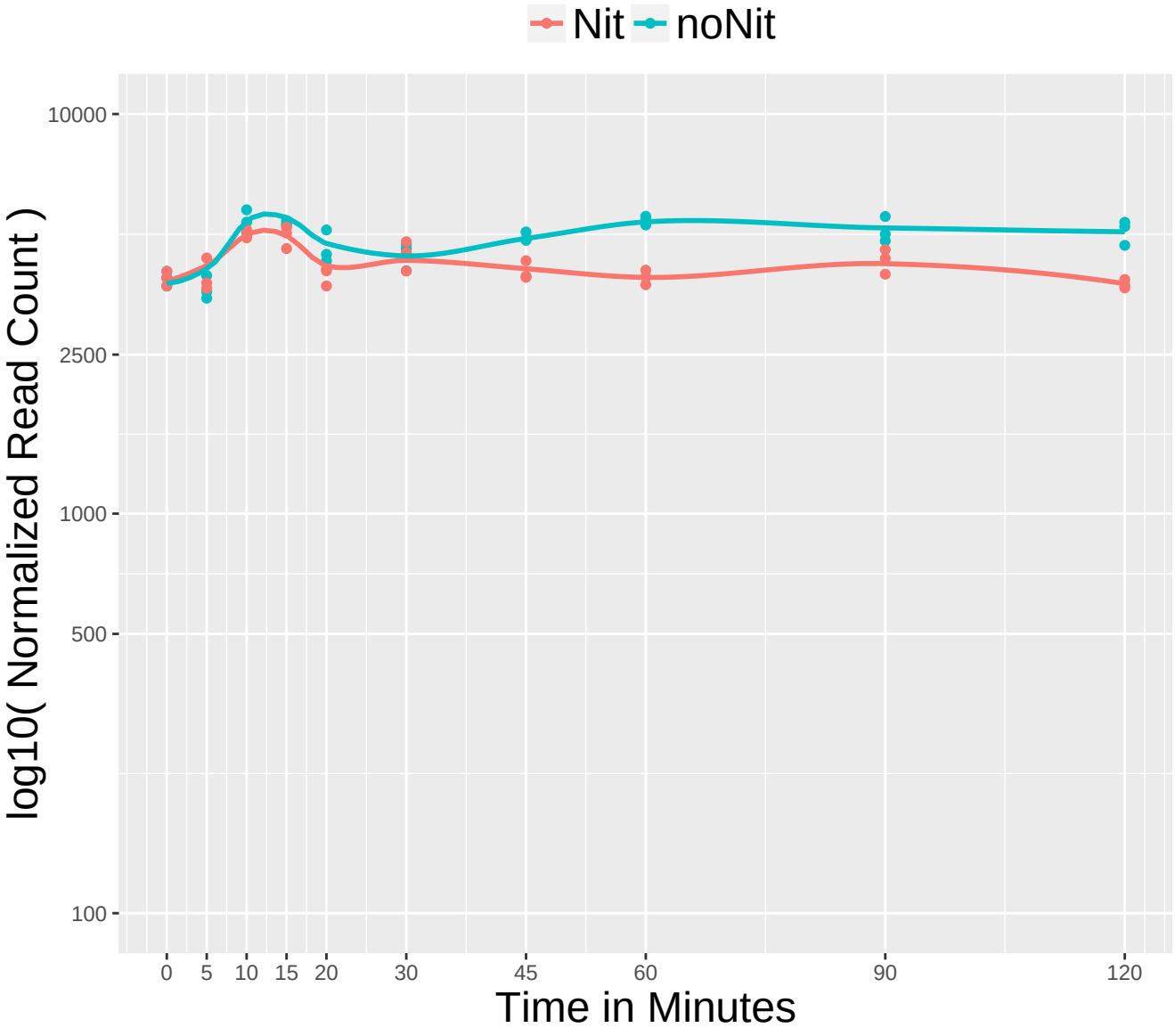
AT1G73740

UDP−Glycosyltransferase



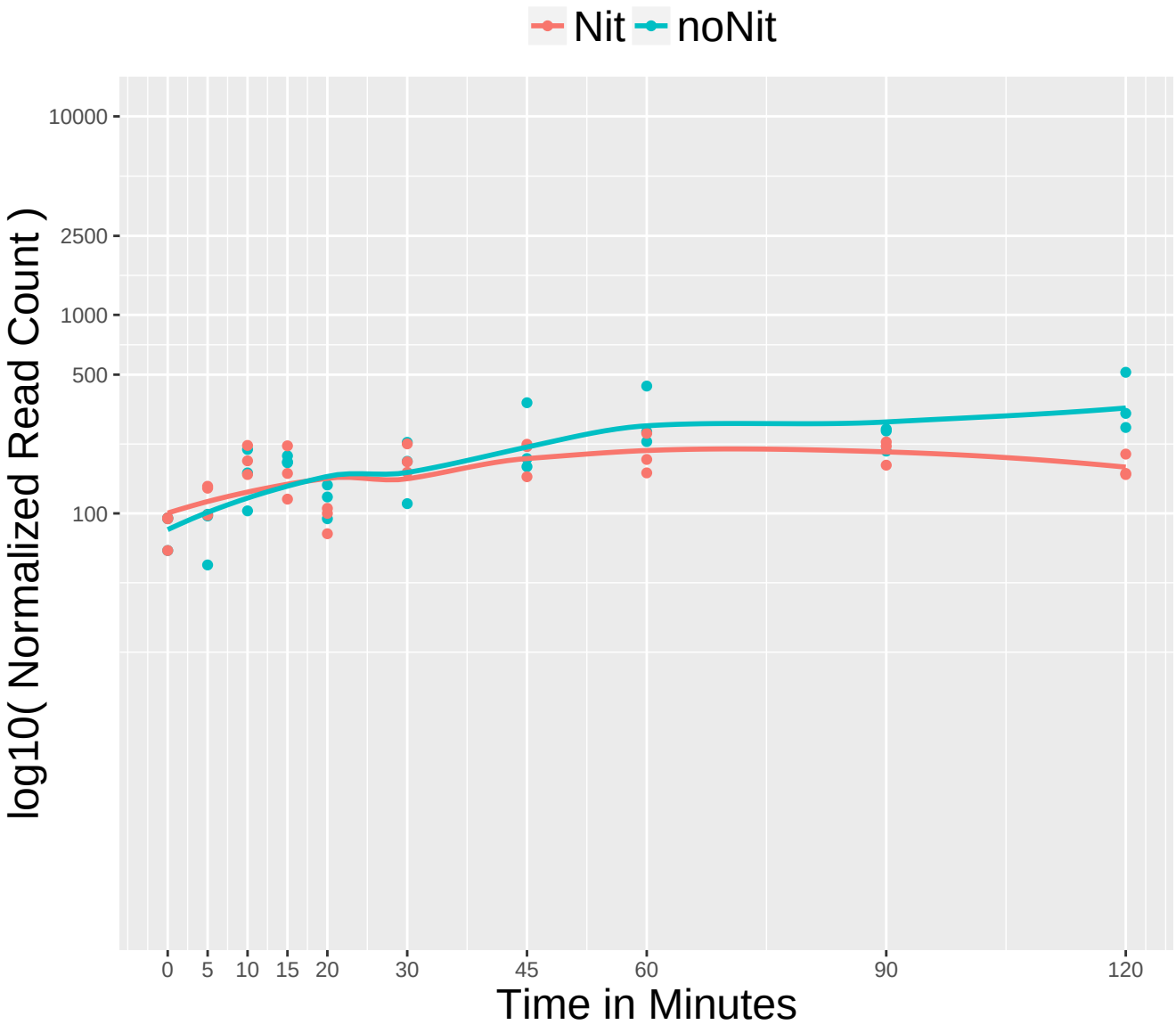
AT2G01600

ENTH/ANTH/VHS



AT2G19190

FRK1,FLG22−induced



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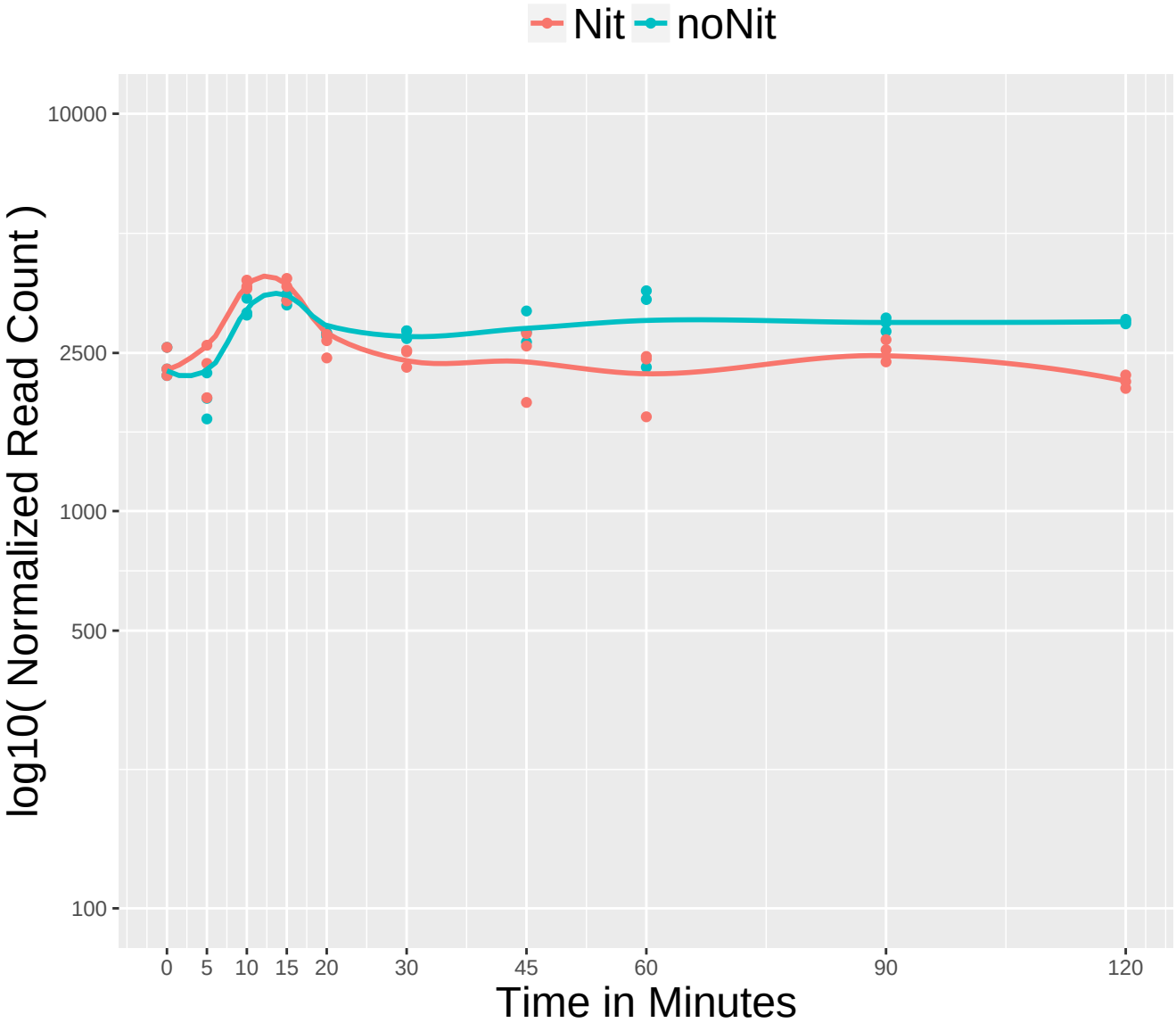
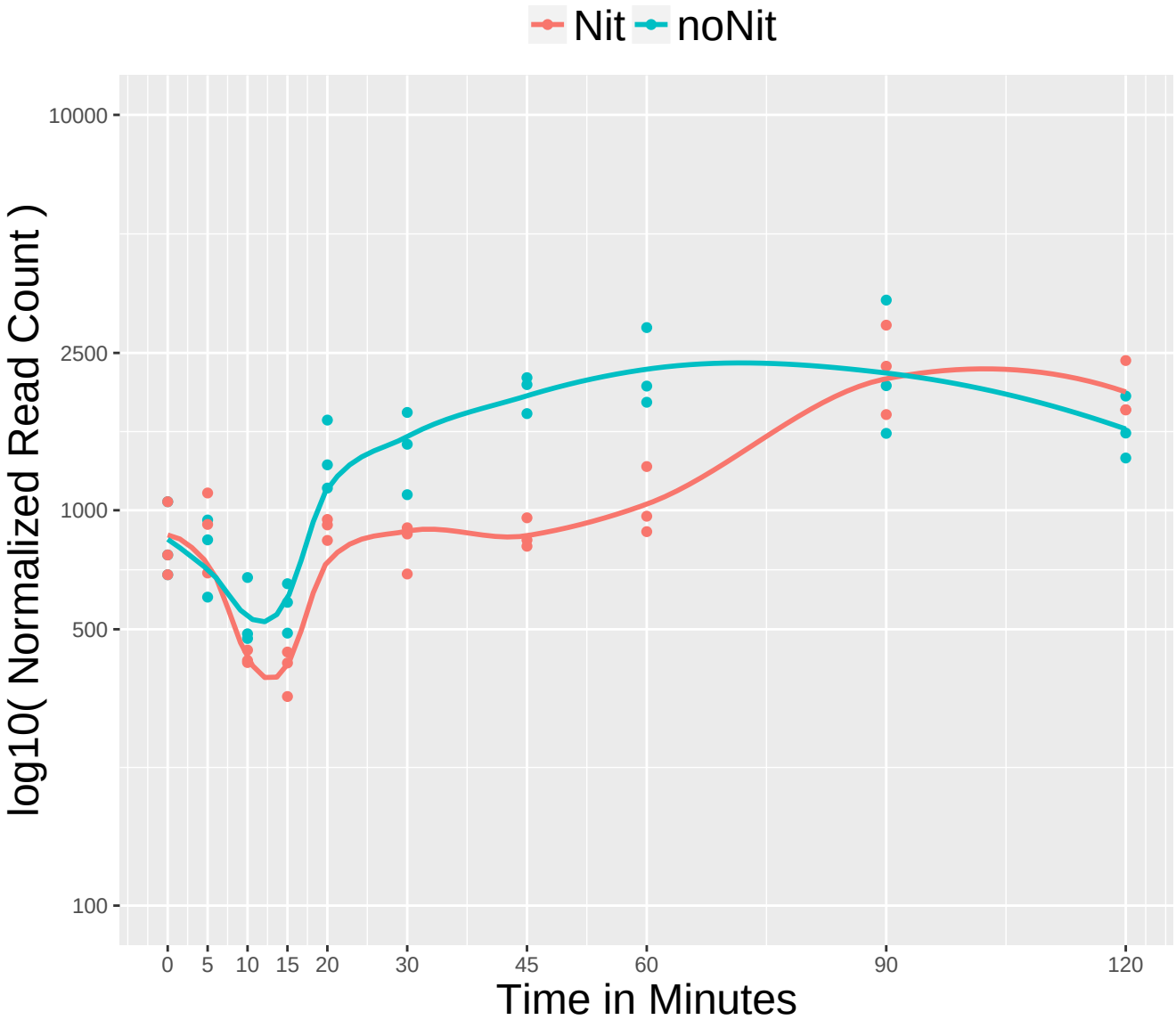
GRL,GNARLED,NAP1,NCK−ASSOCIATED



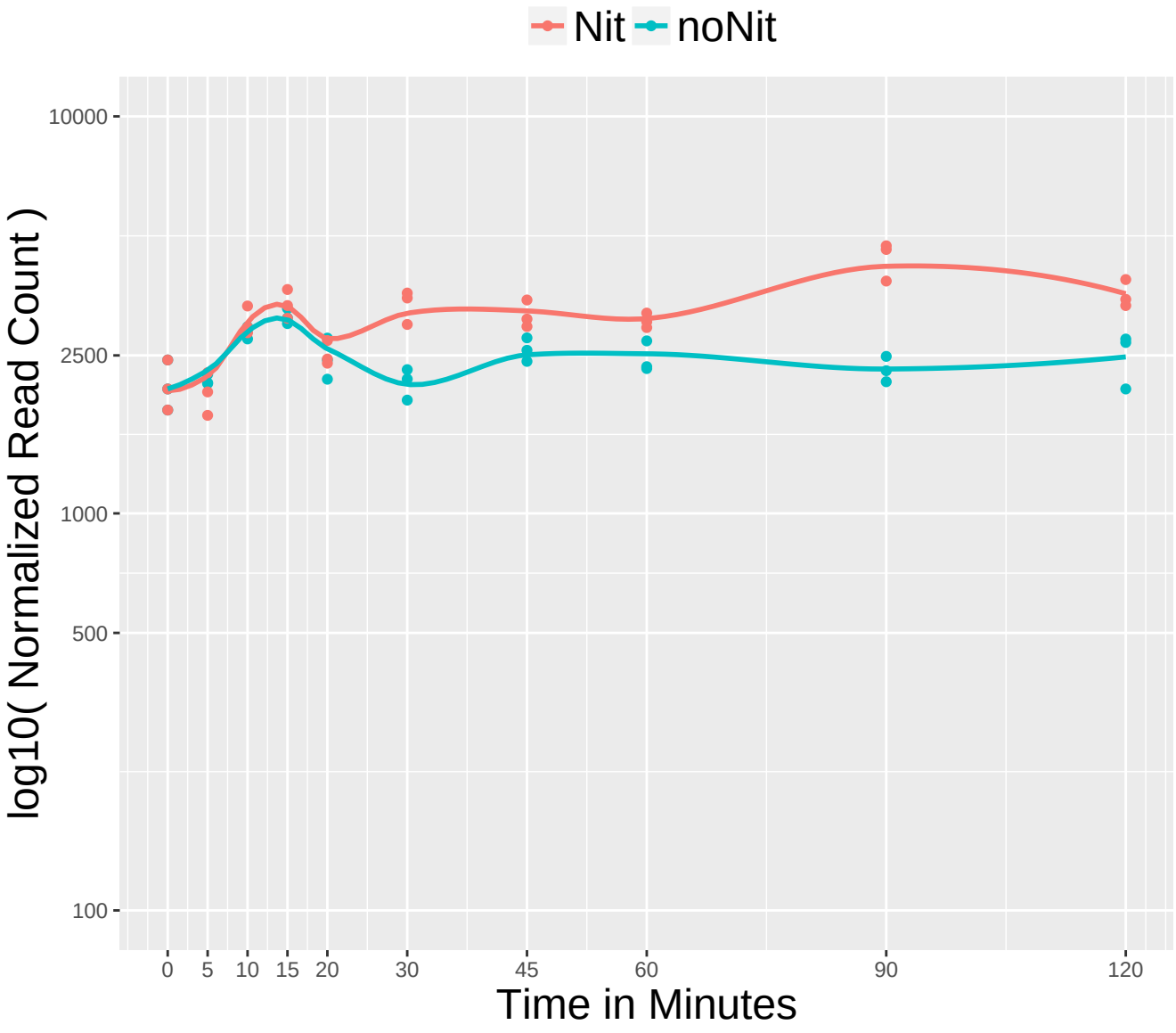
AT2G39380

ATEXO70H2,exocyst



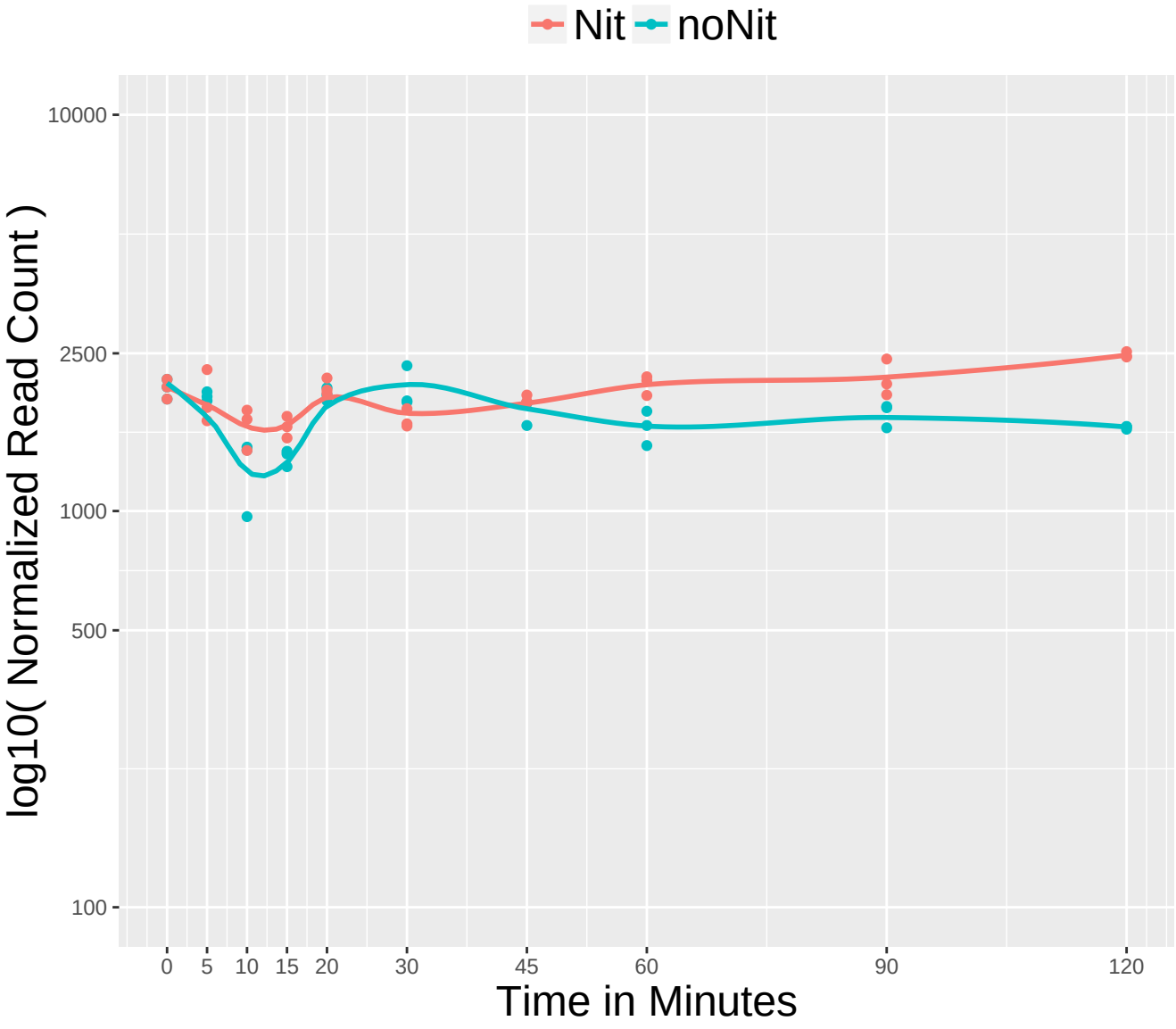
AT3G14050

AT−RSH2,RELA−SPOT



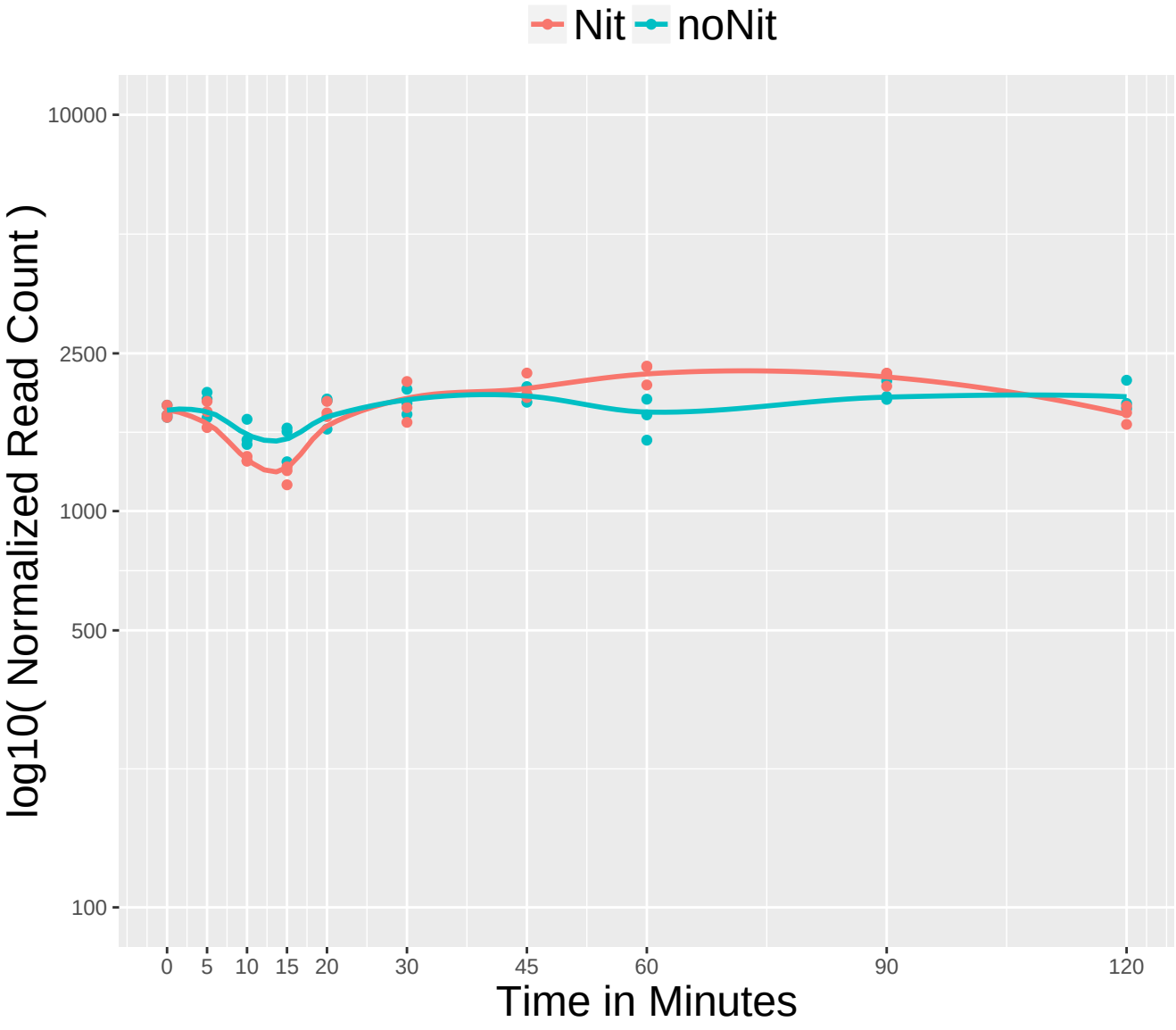
AT3G15590

Tetratricopeptide



AT3G16760

Tetratricopeptide



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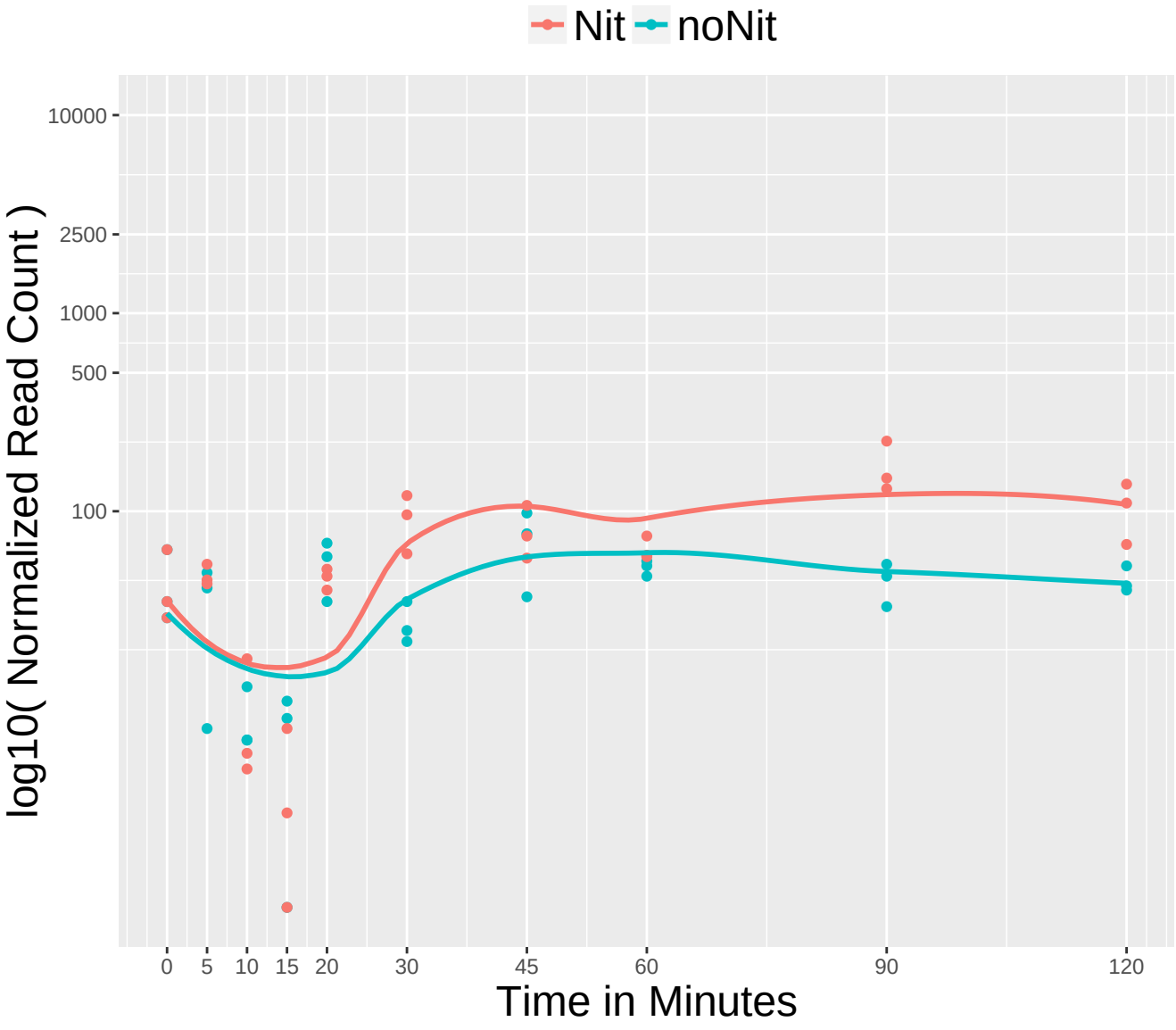
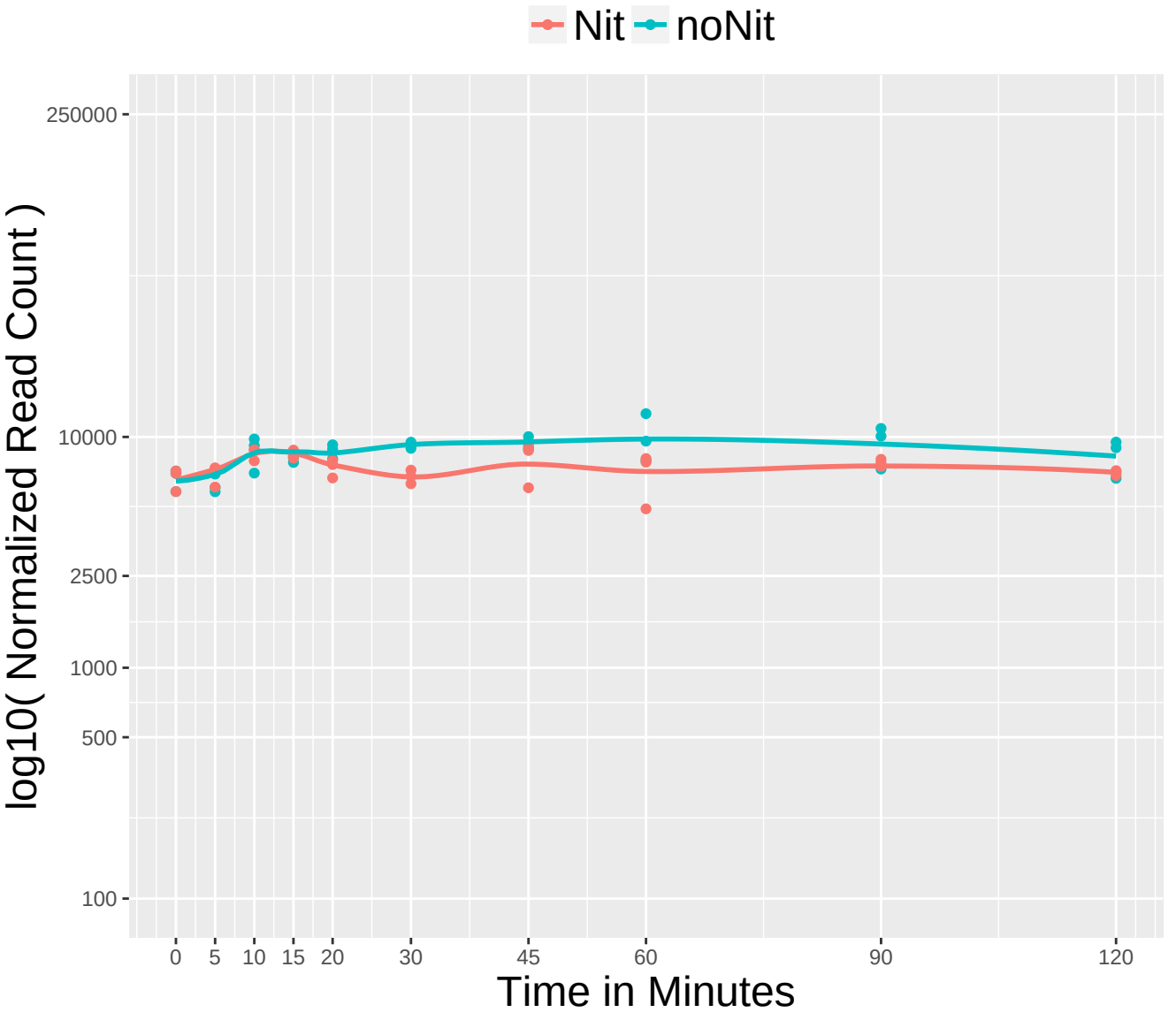
CYP71B3,"cytochrome



AT3G28860

ABCB19,ATP−binding



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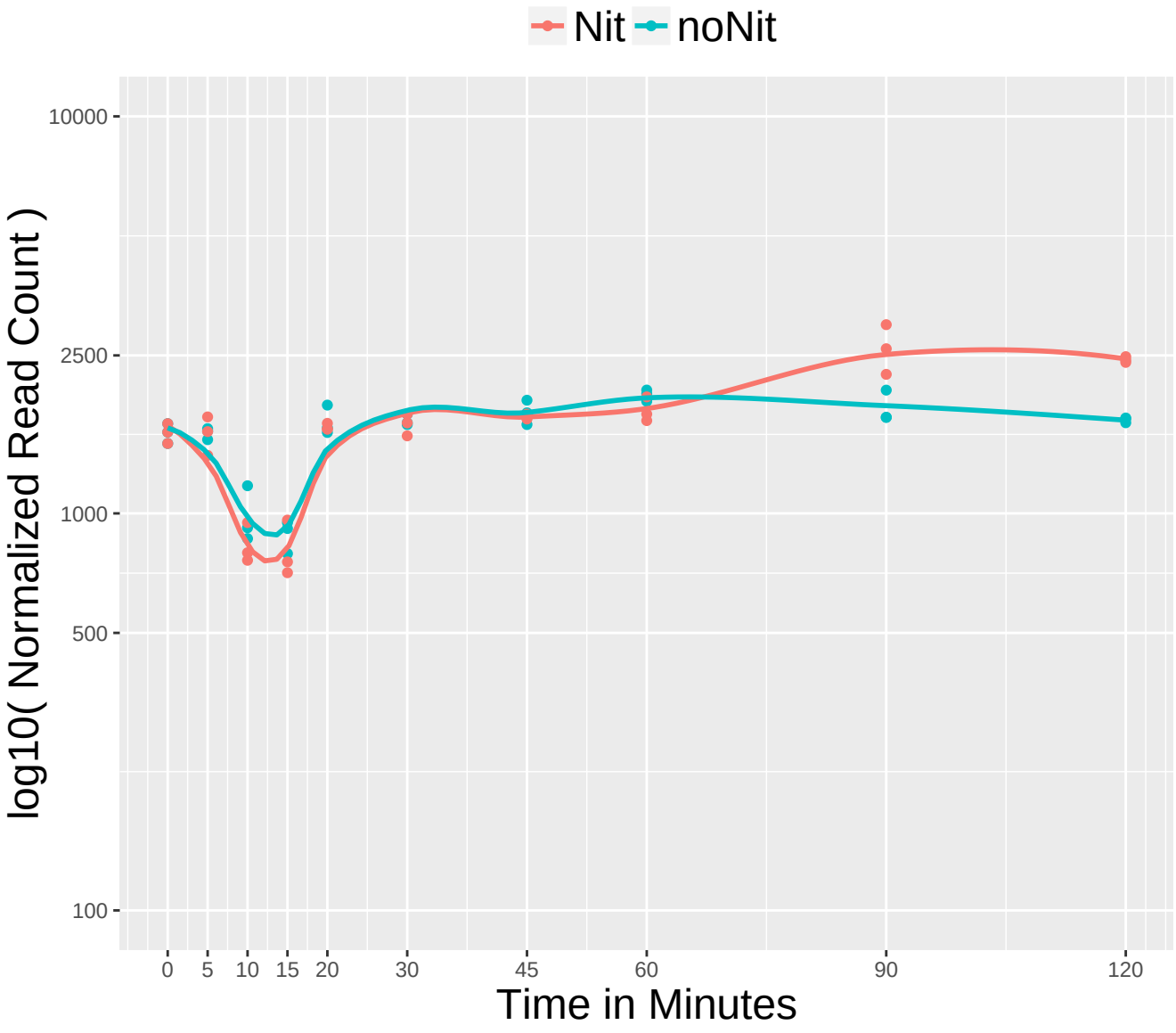
AKIN11,SNF1



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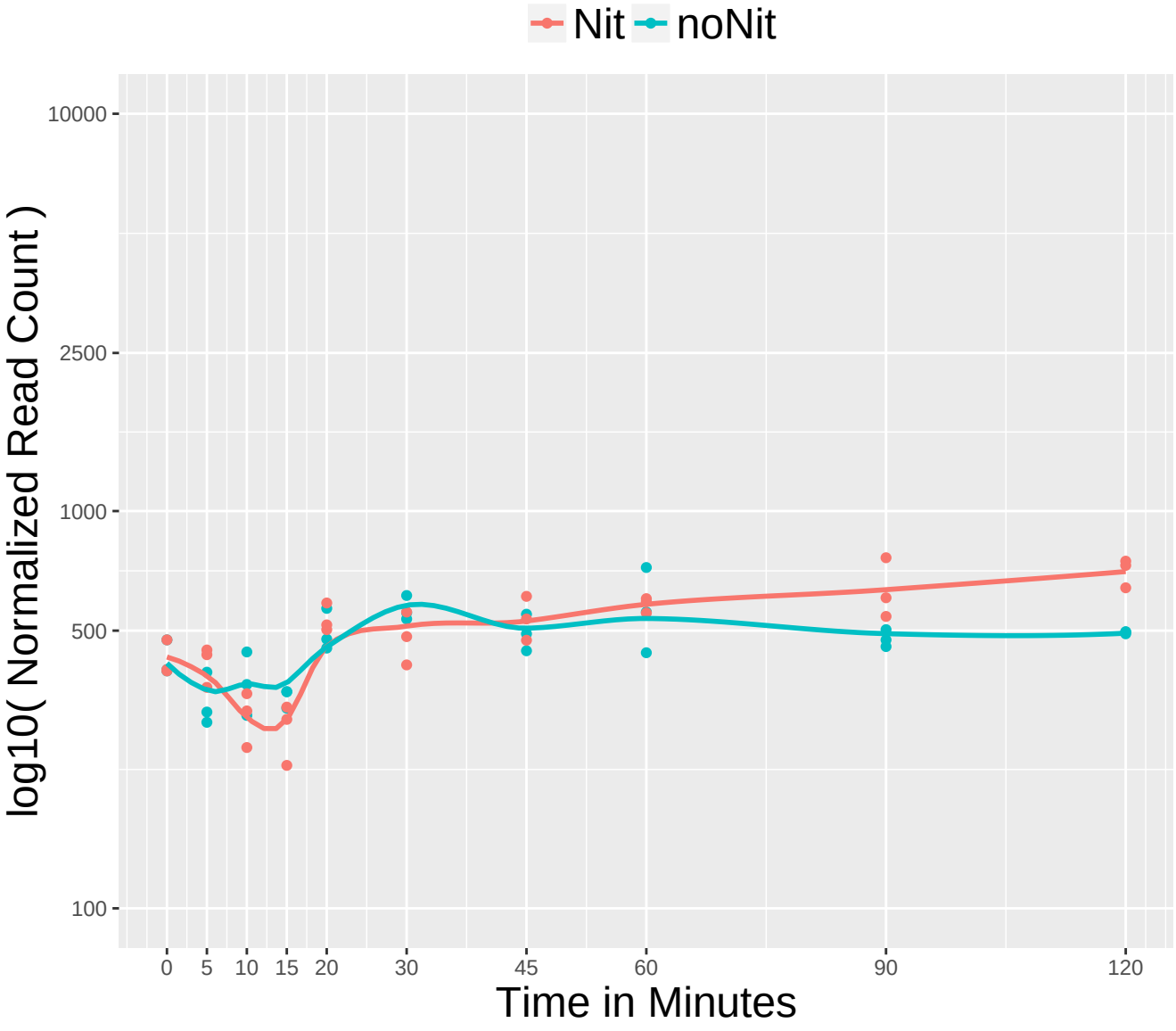
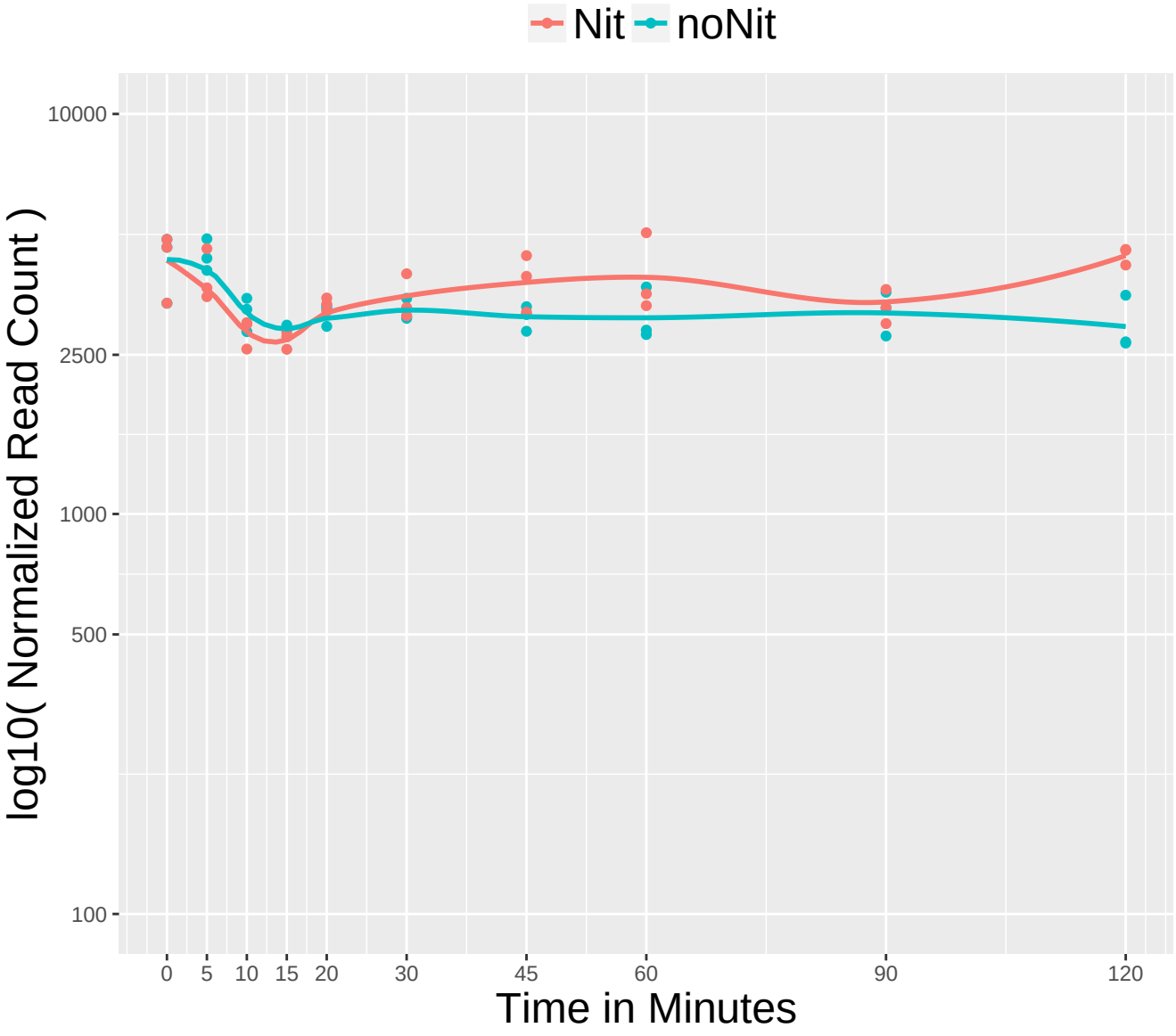
RID3,ROOT



AT4G28440

Nucleic



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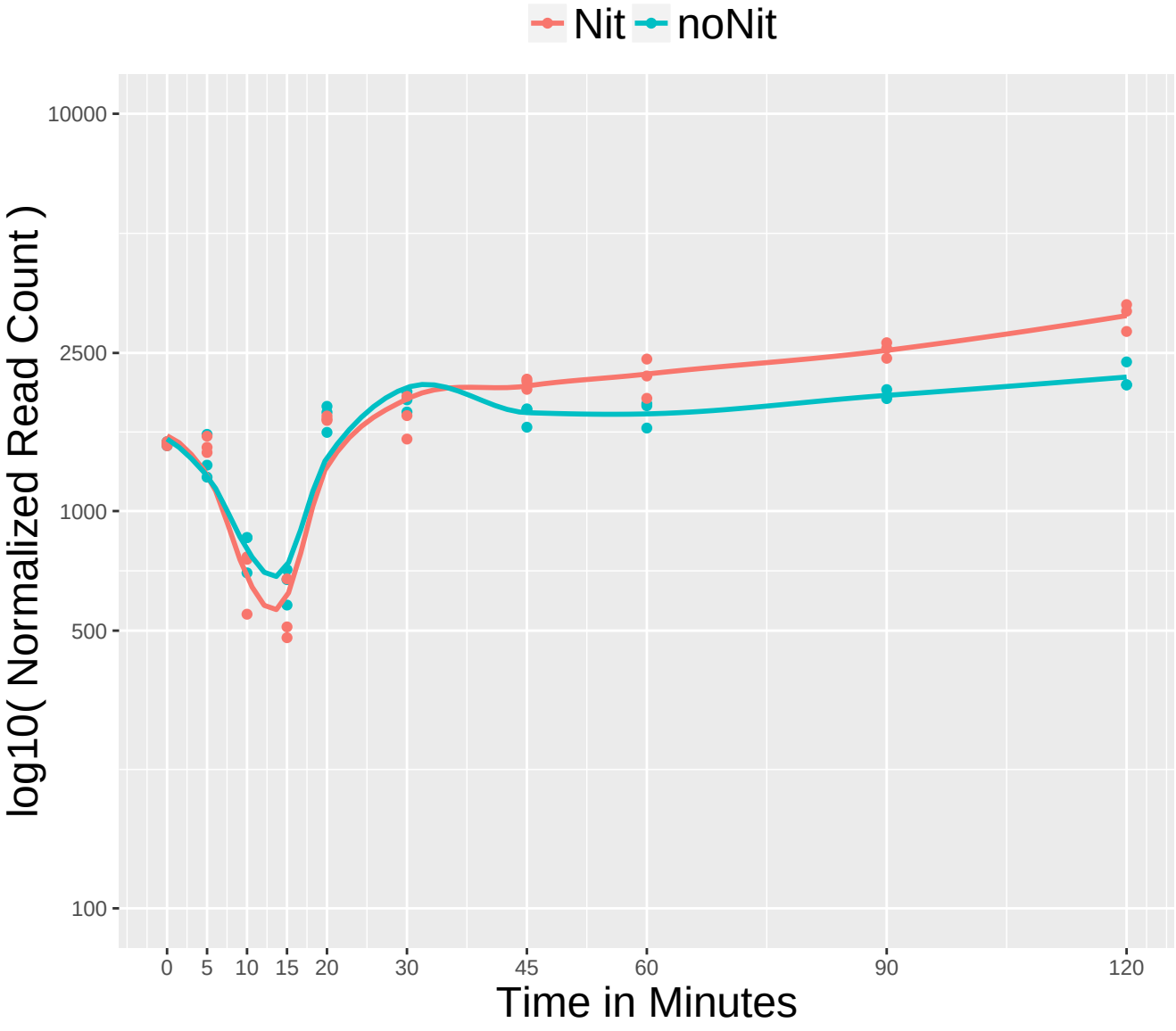
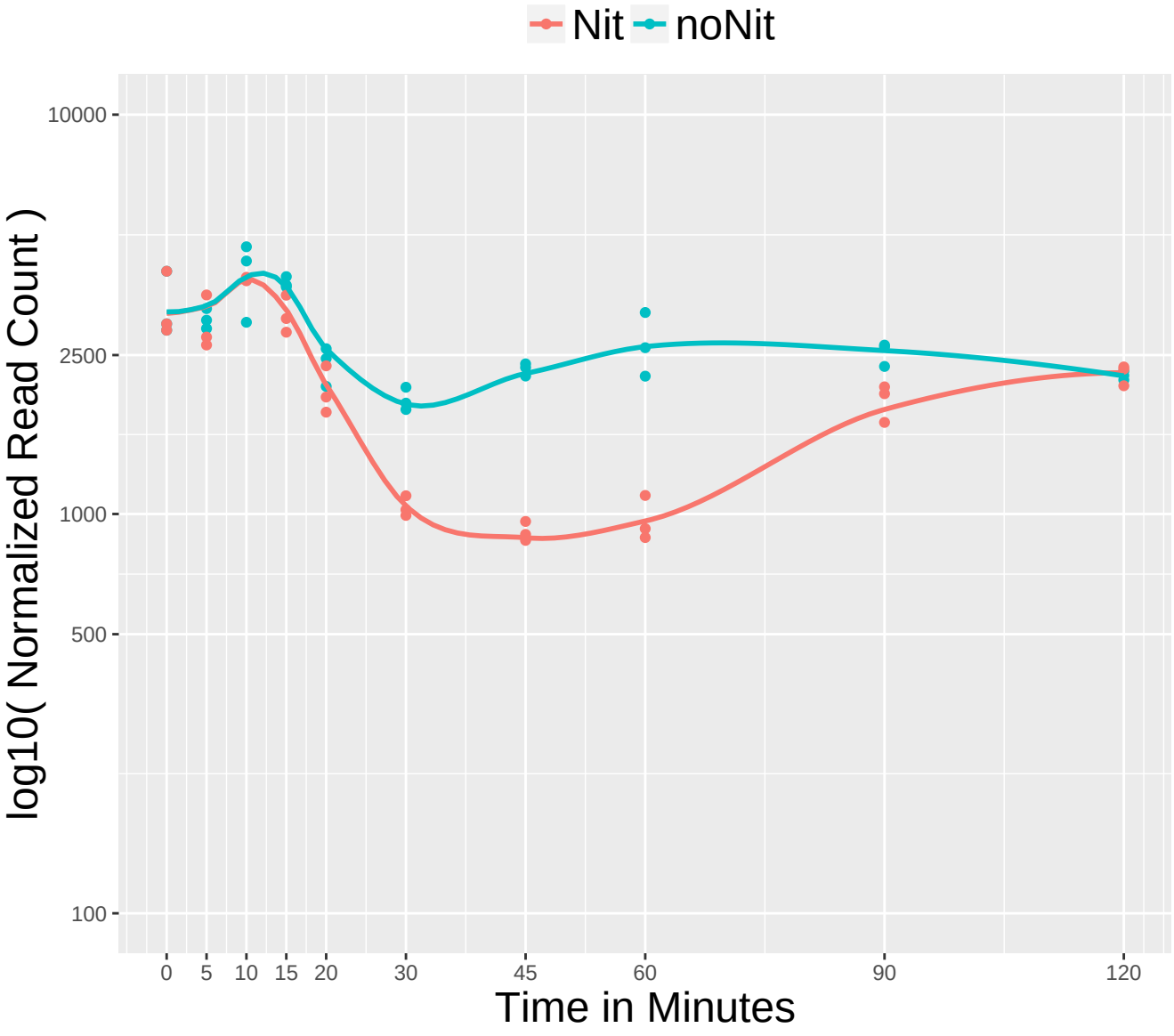
ATPRMT11,ARABIDOPSIS



AT5G01720

RNI−like



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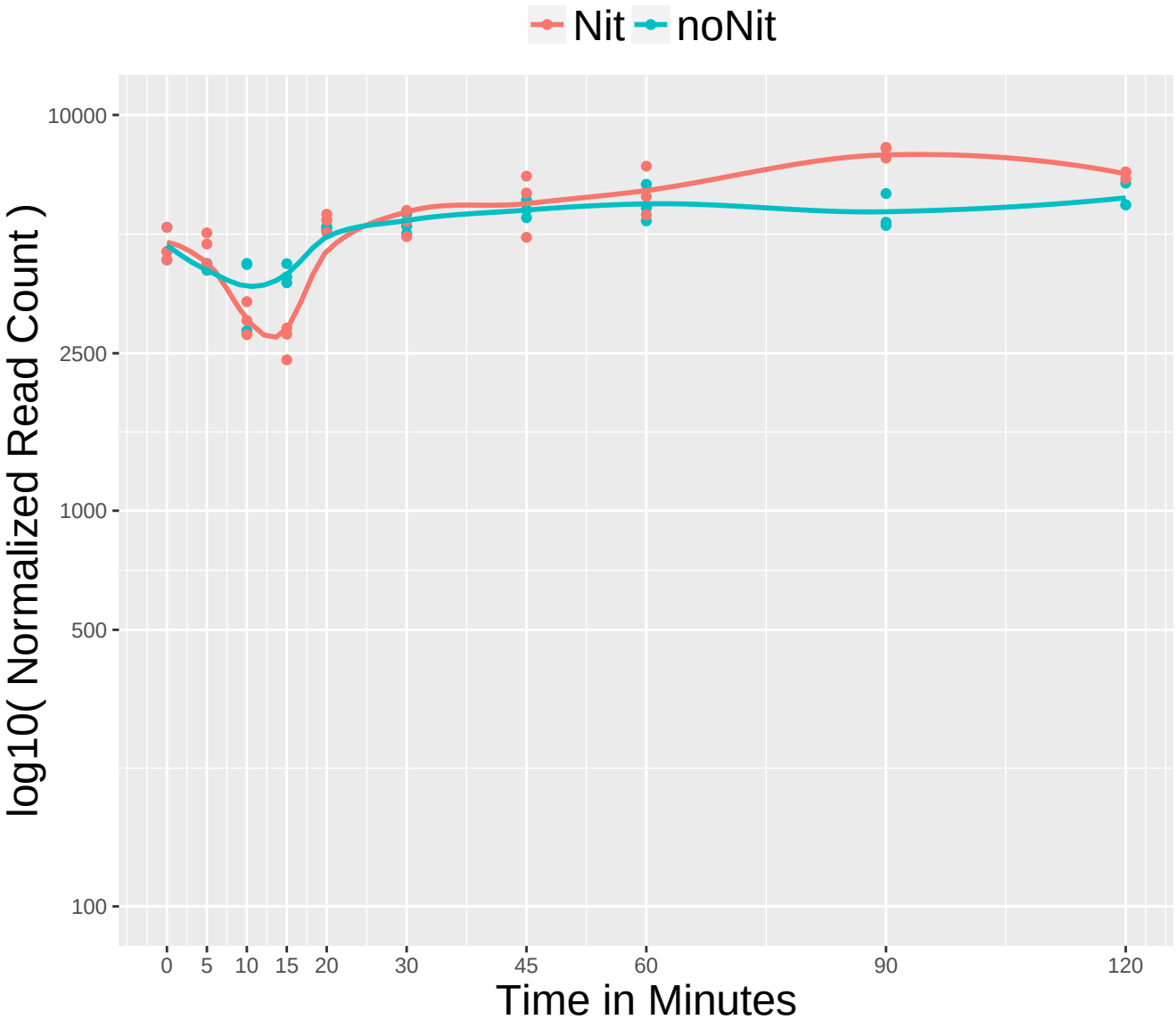
emb2734,embryo



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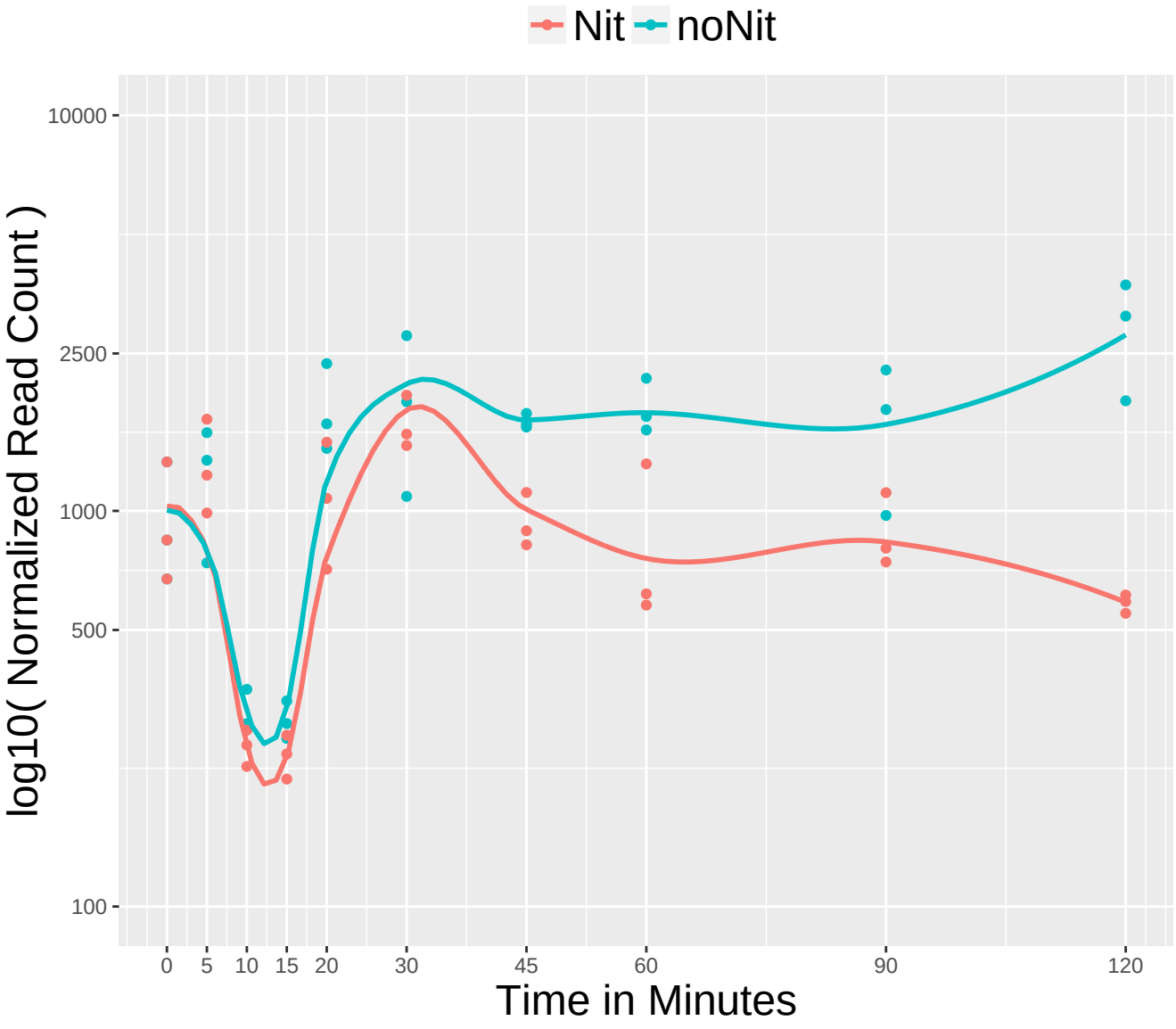
2−oxoglutarate



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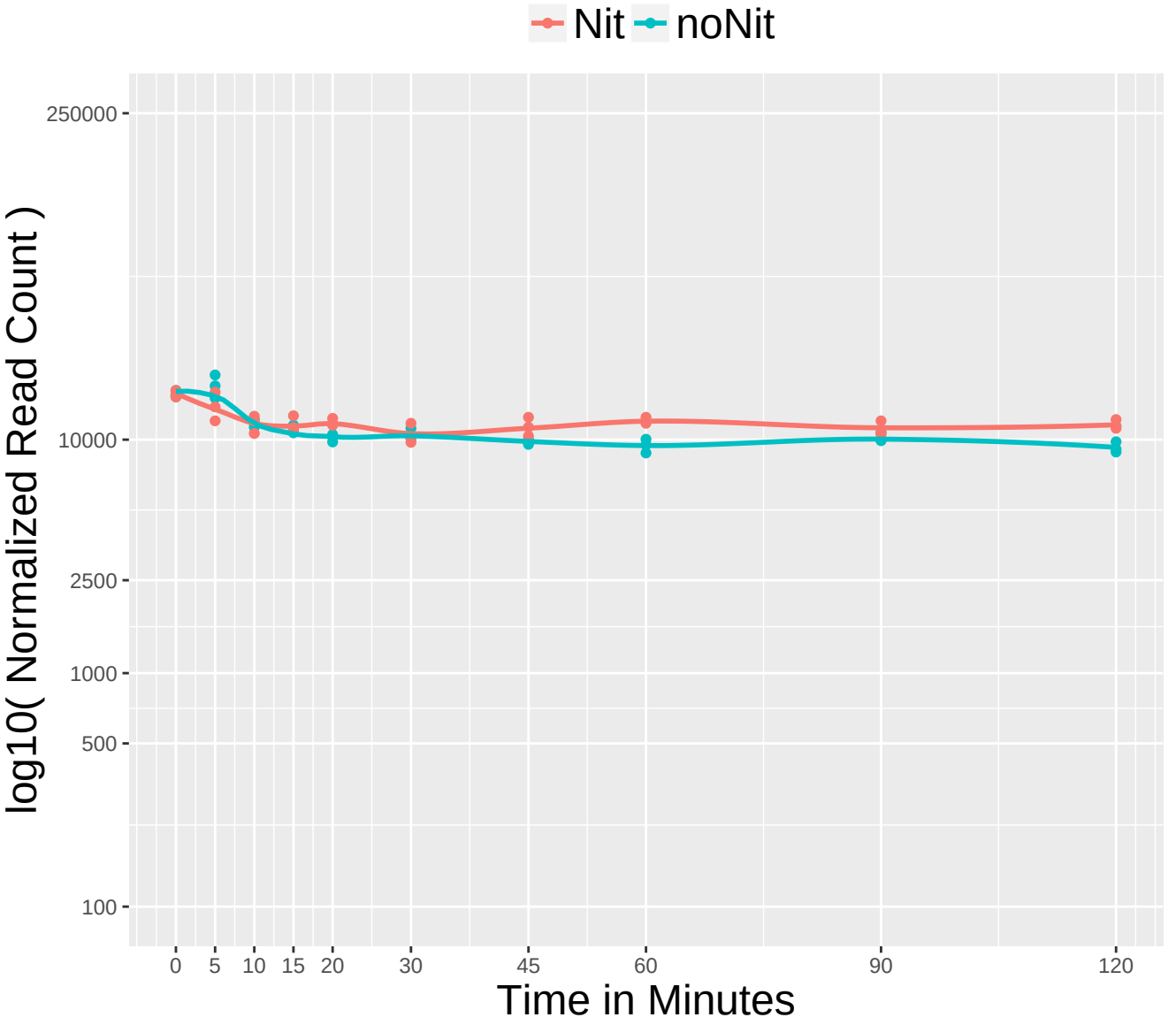
SIRANBP



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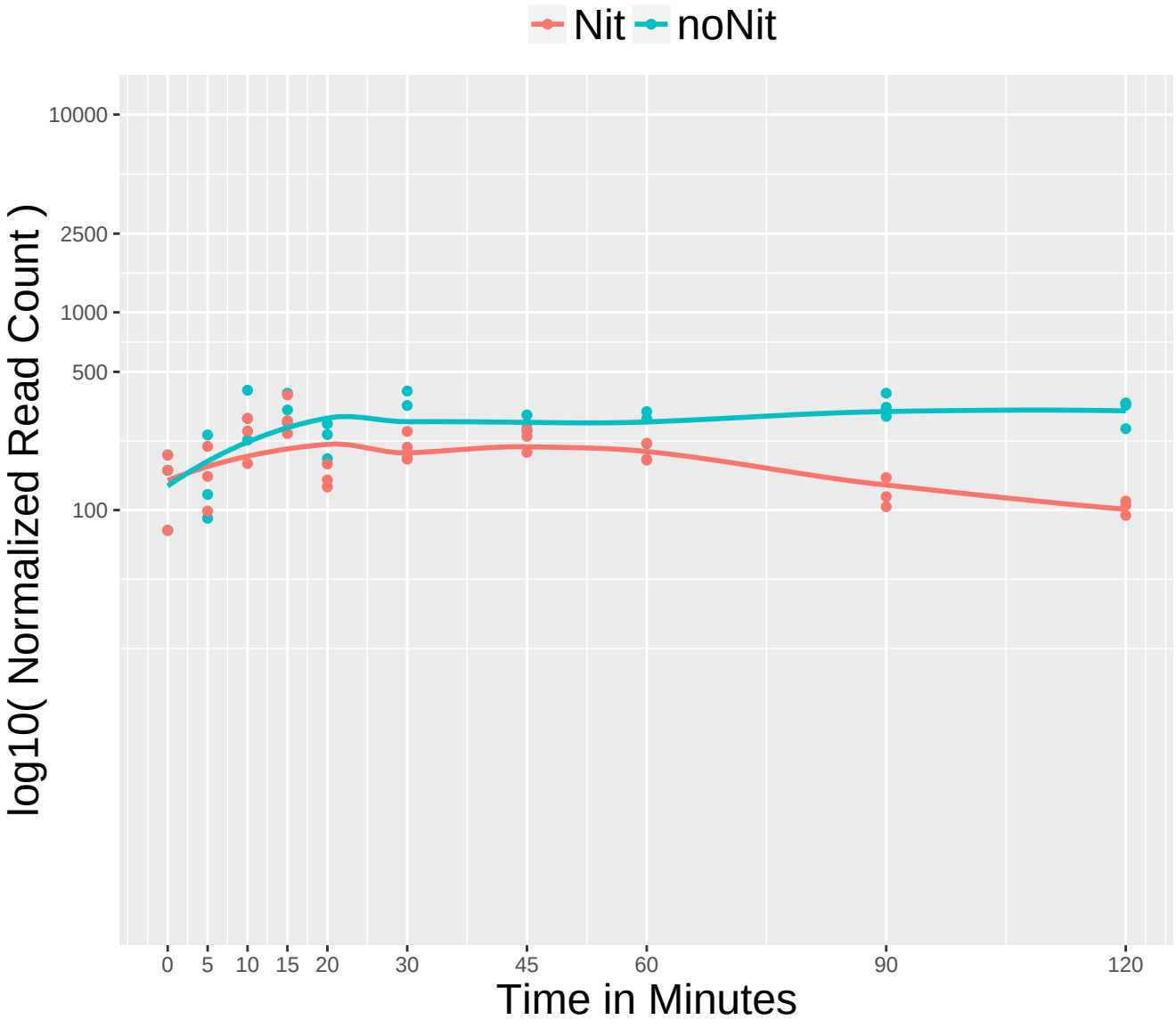
SOT7,sulphotransferase



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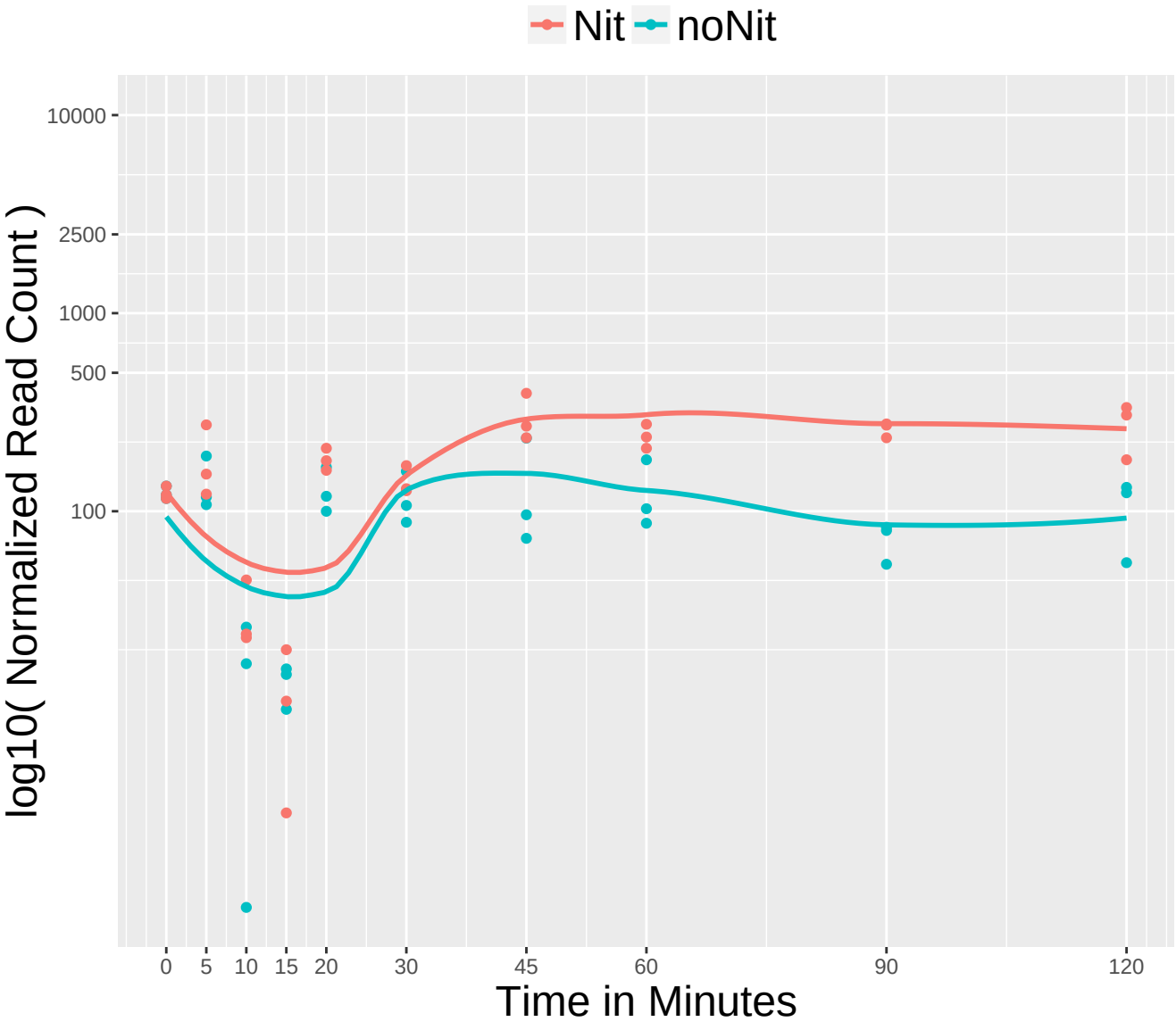
Cysteine/Histidine−rich



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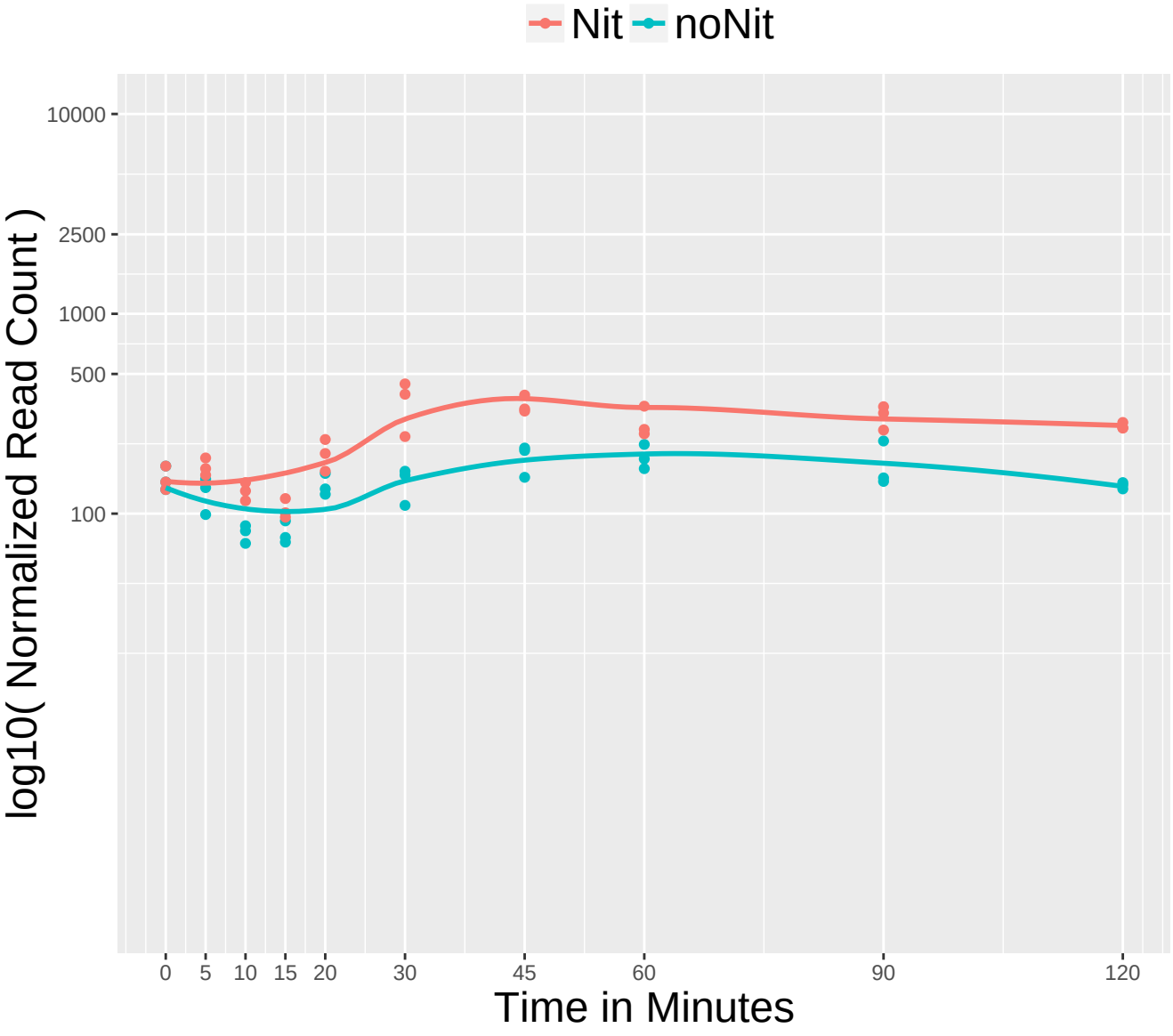
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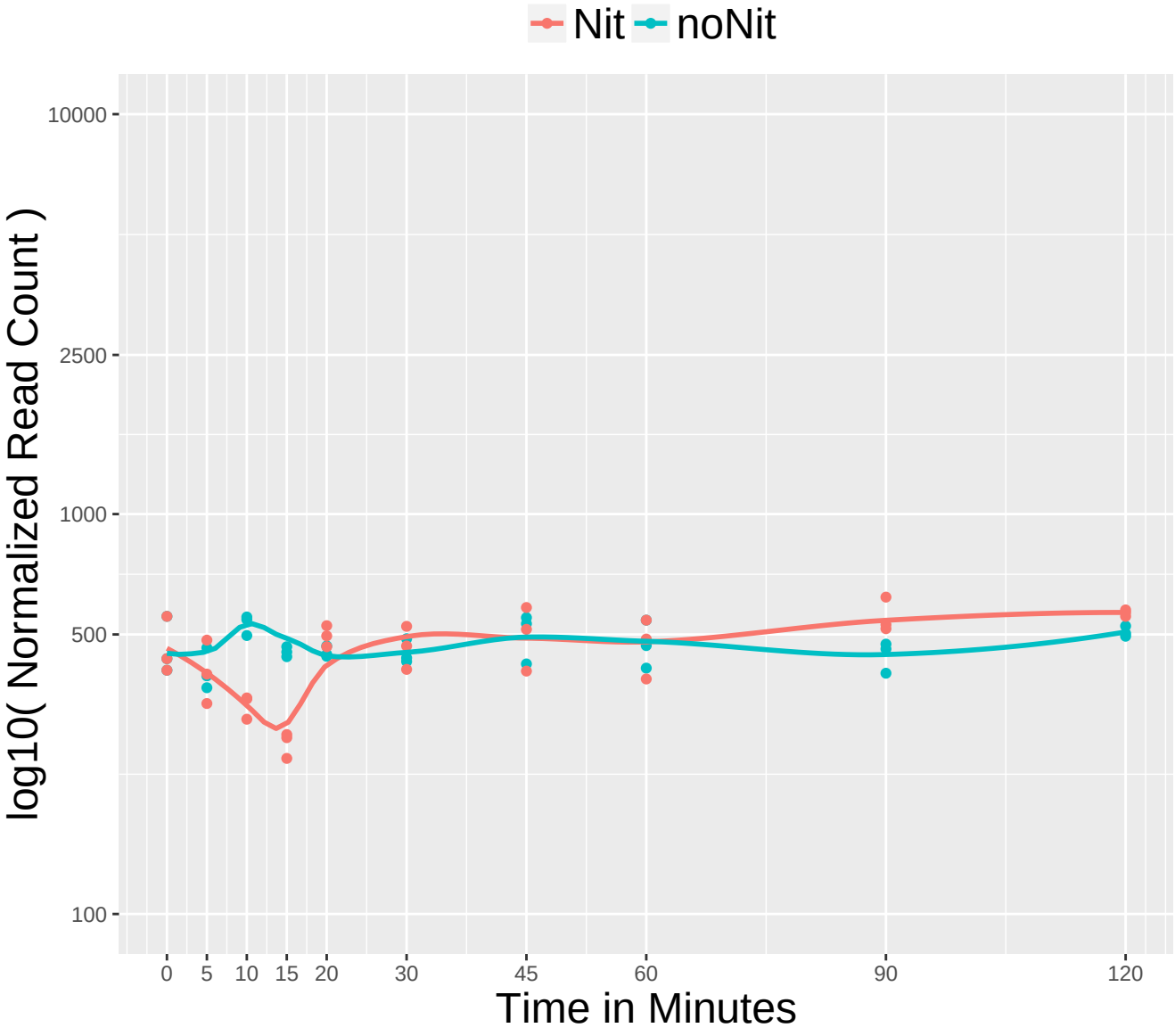
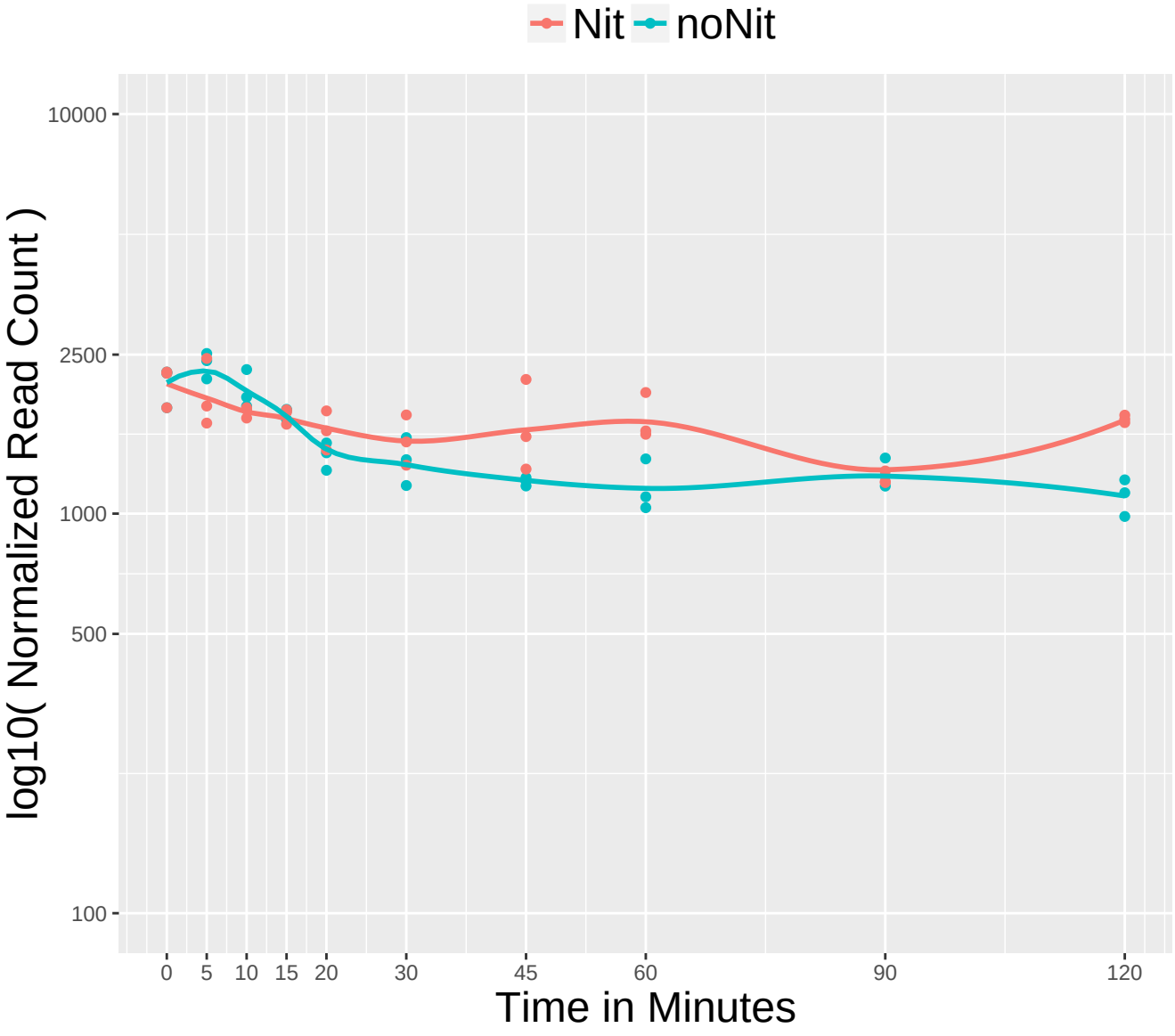
AT3G02060

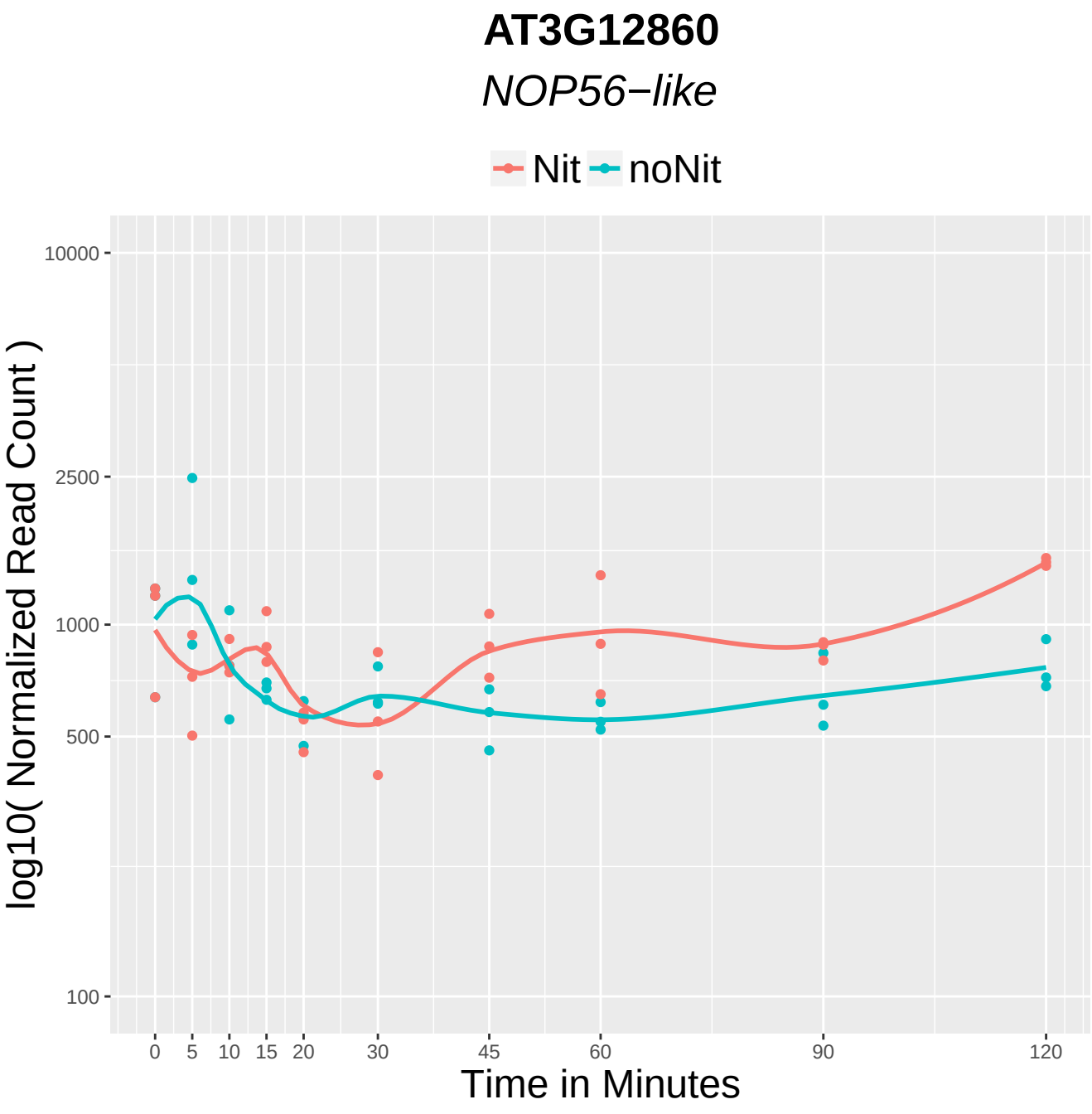
DEAD/DEAH



AT3G06310

Cox19−like




AT3G12860
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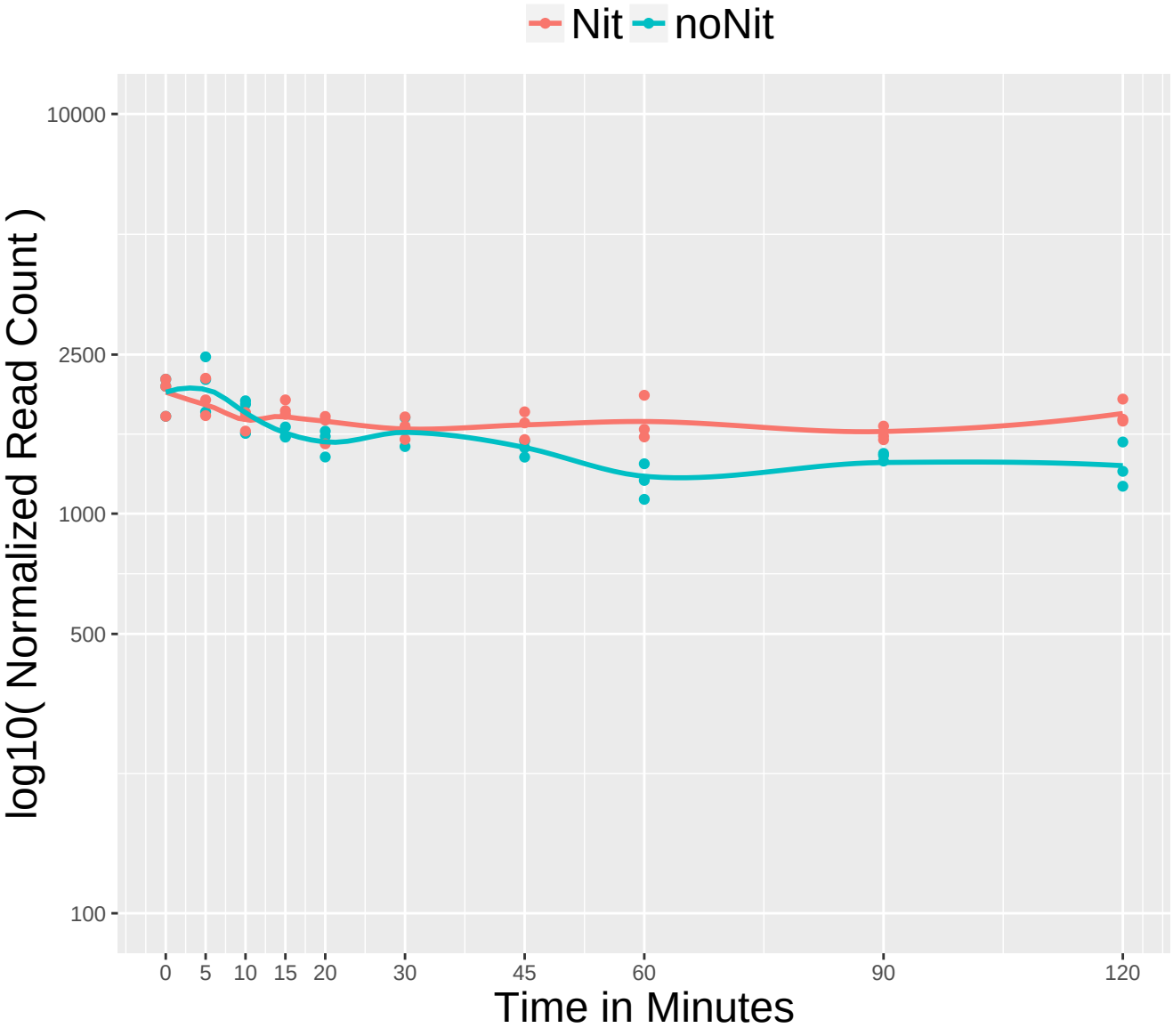
AT3G18790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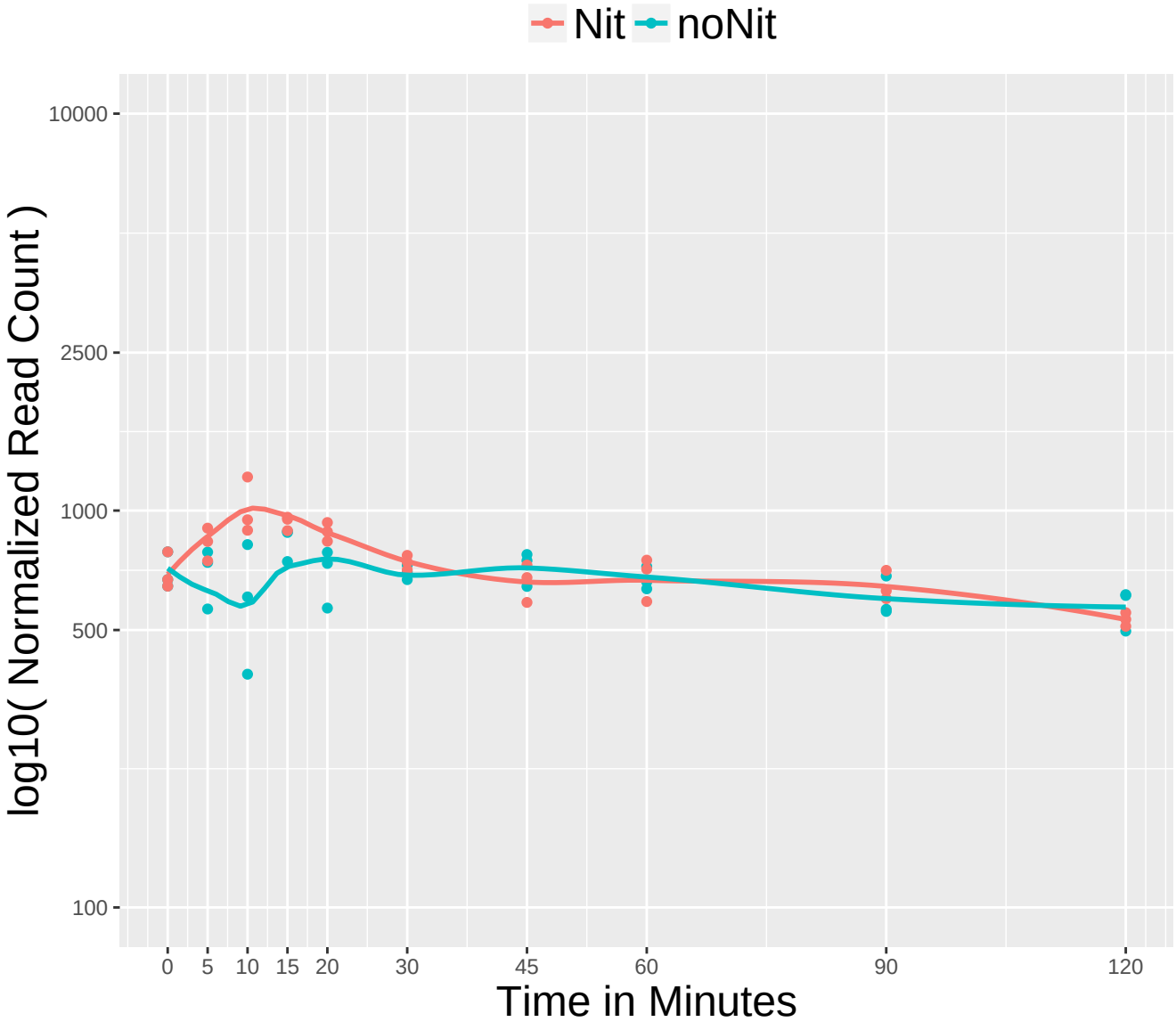
AT3G23400

FIB4,fibrillin



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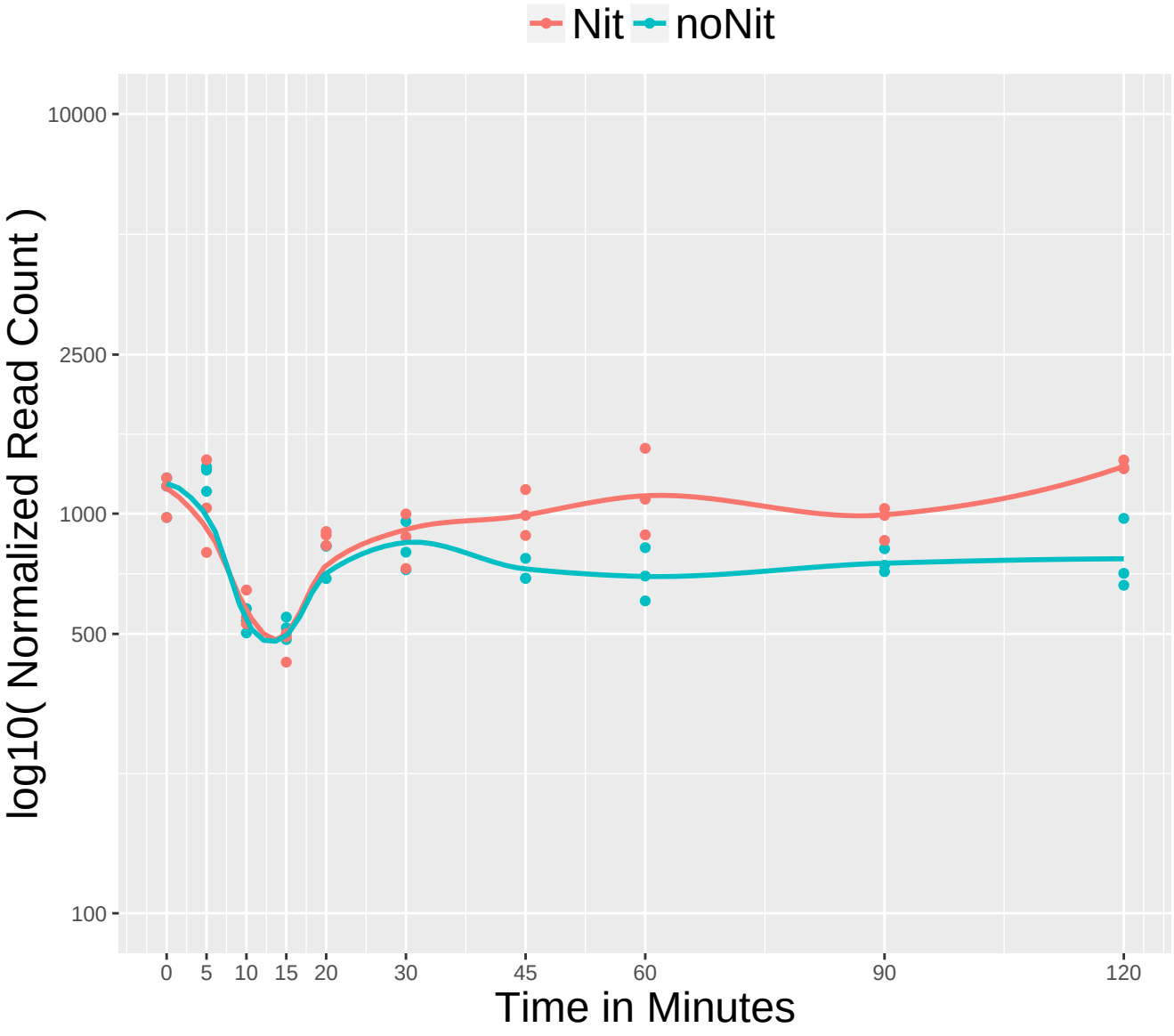
RRP41



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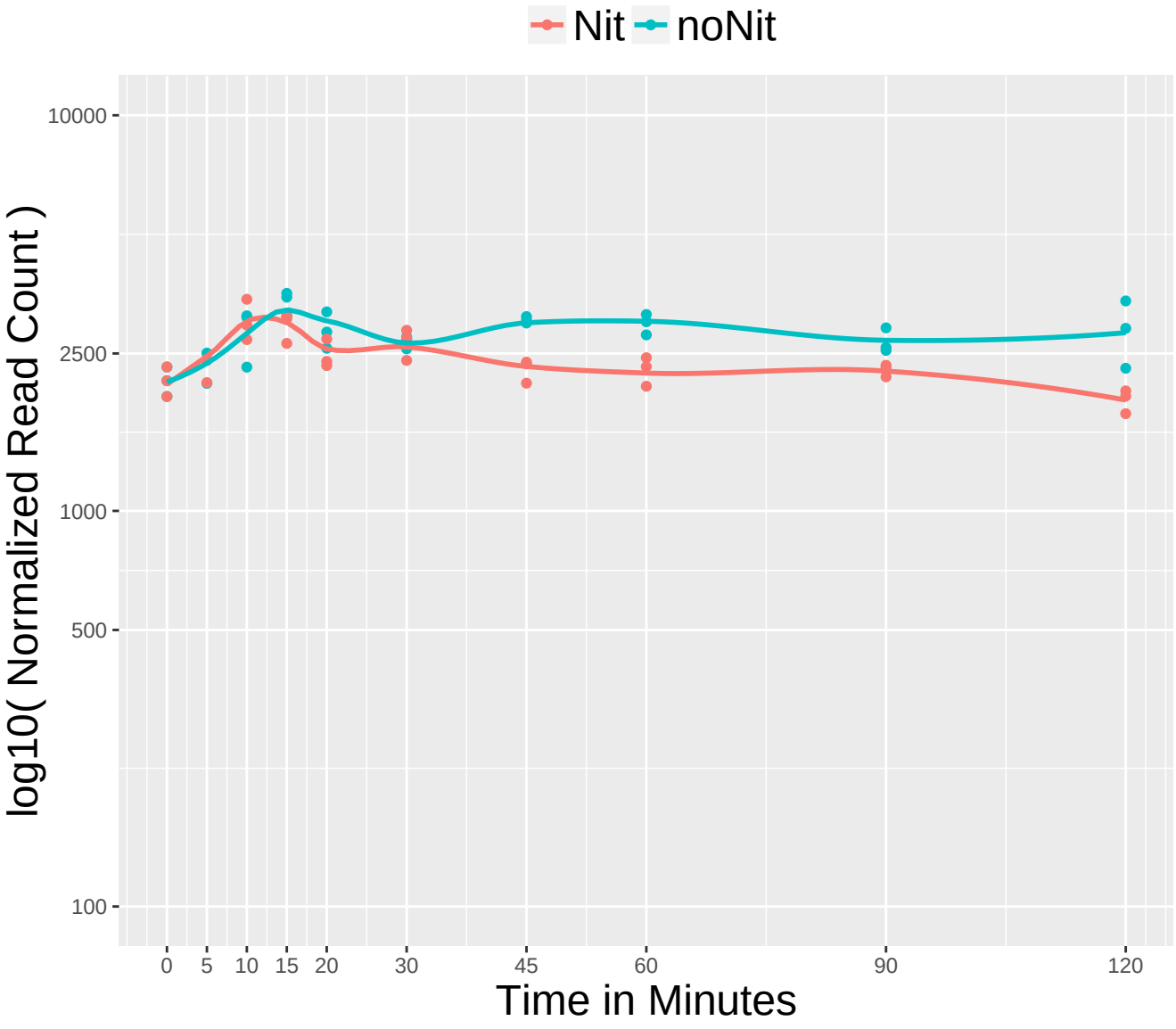
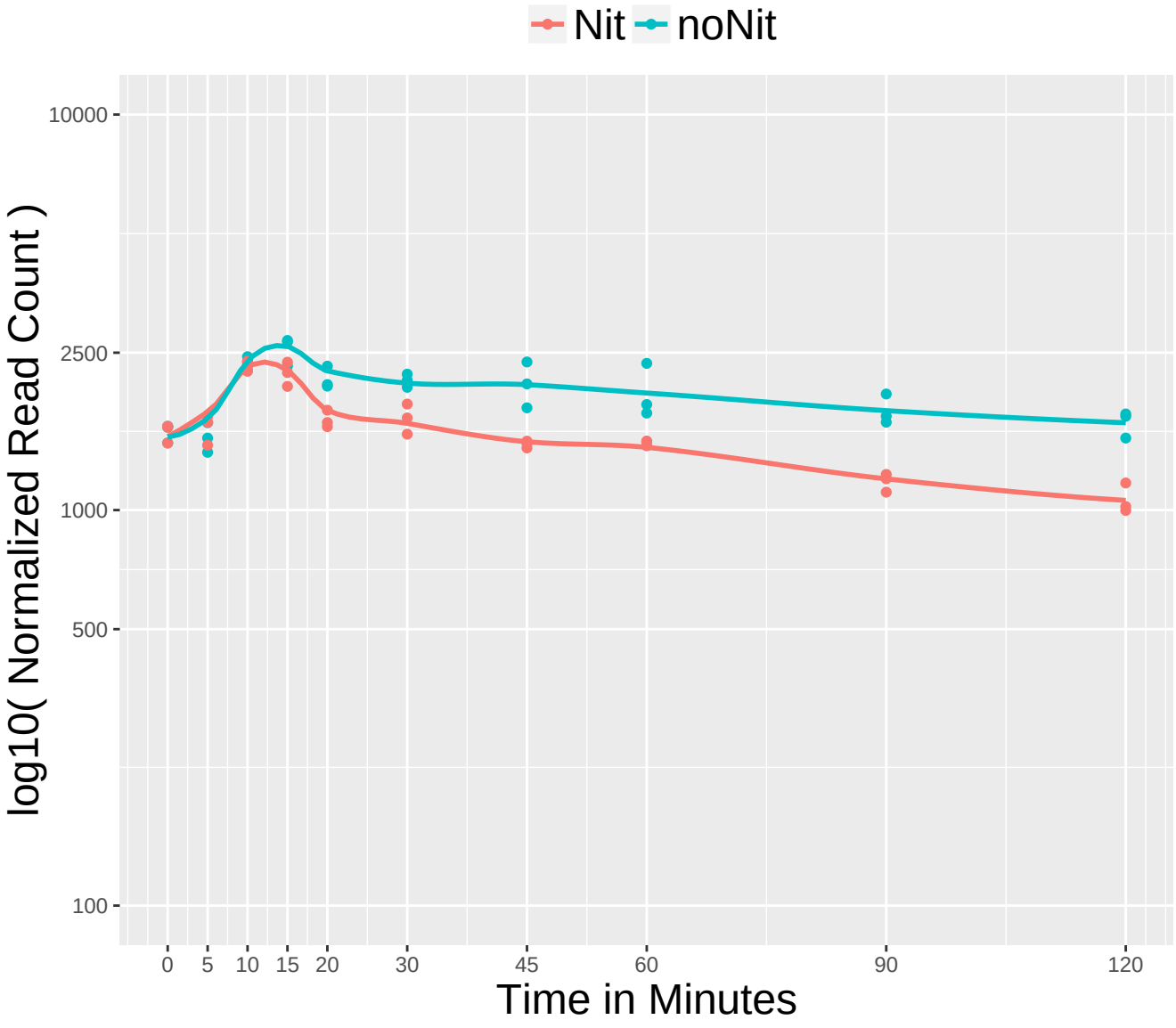


AT4G22240

Plastid−lipid



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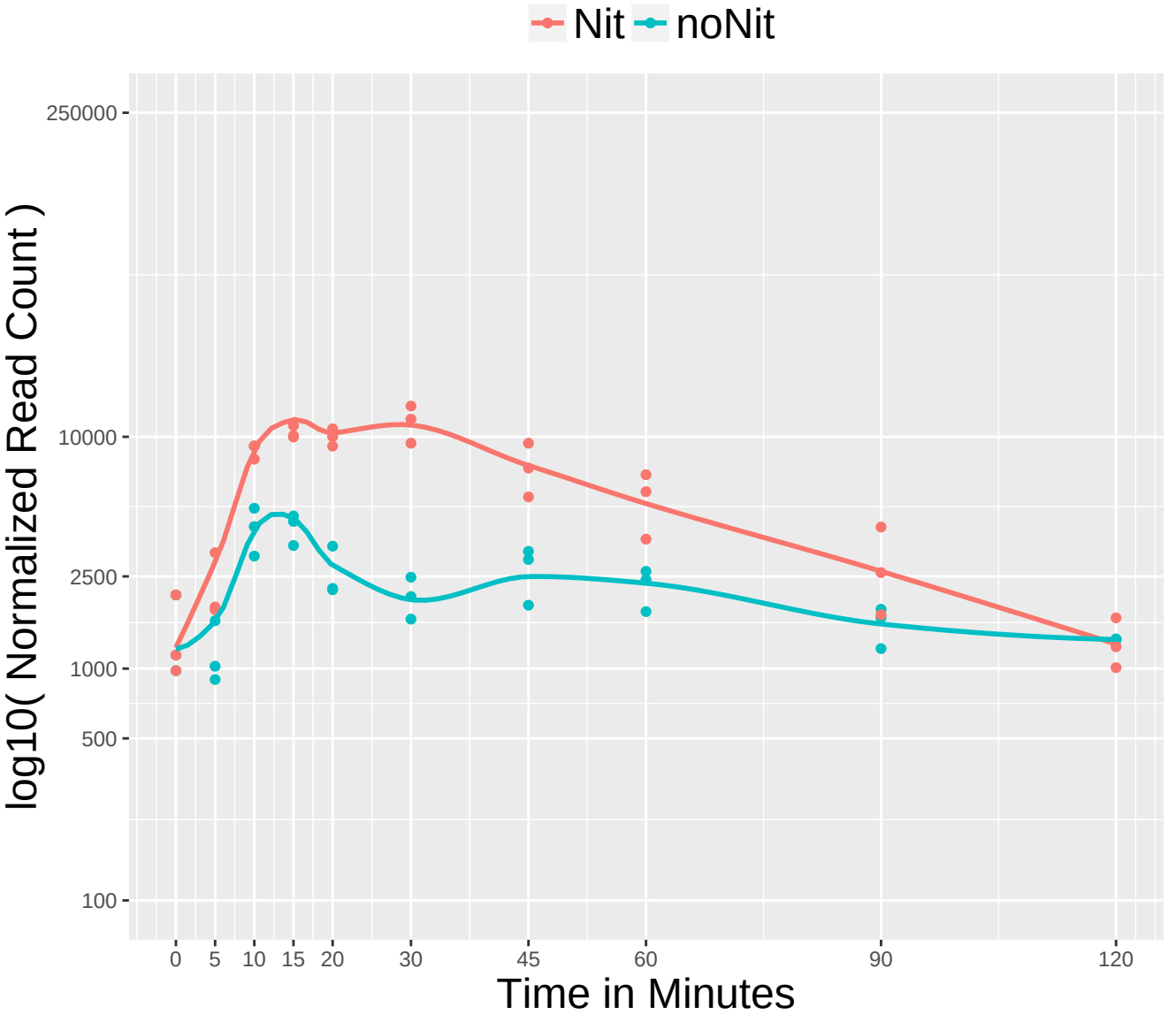
NLP3,NIN−like



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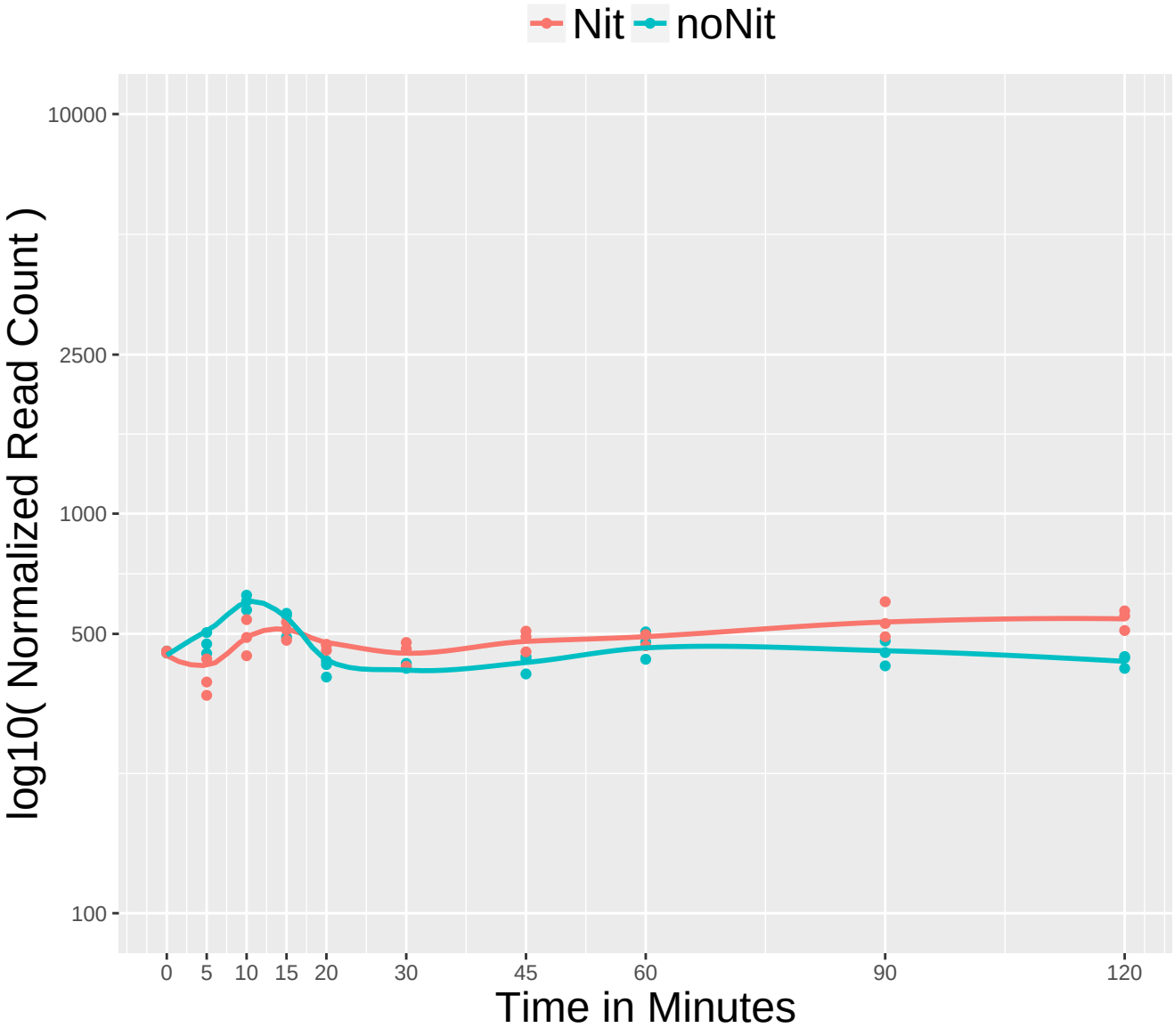
Transducin/WD40



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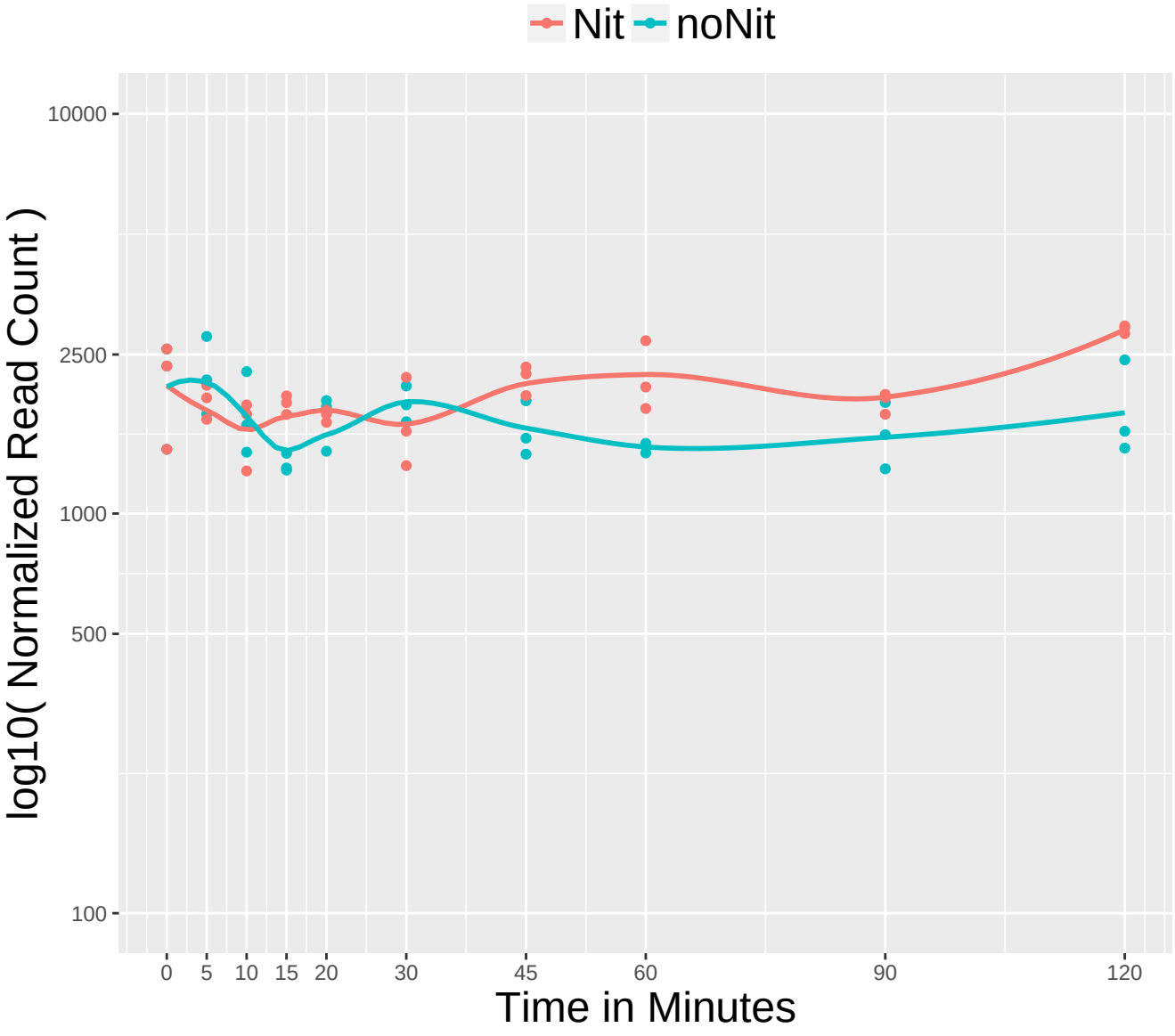
Prefoldin



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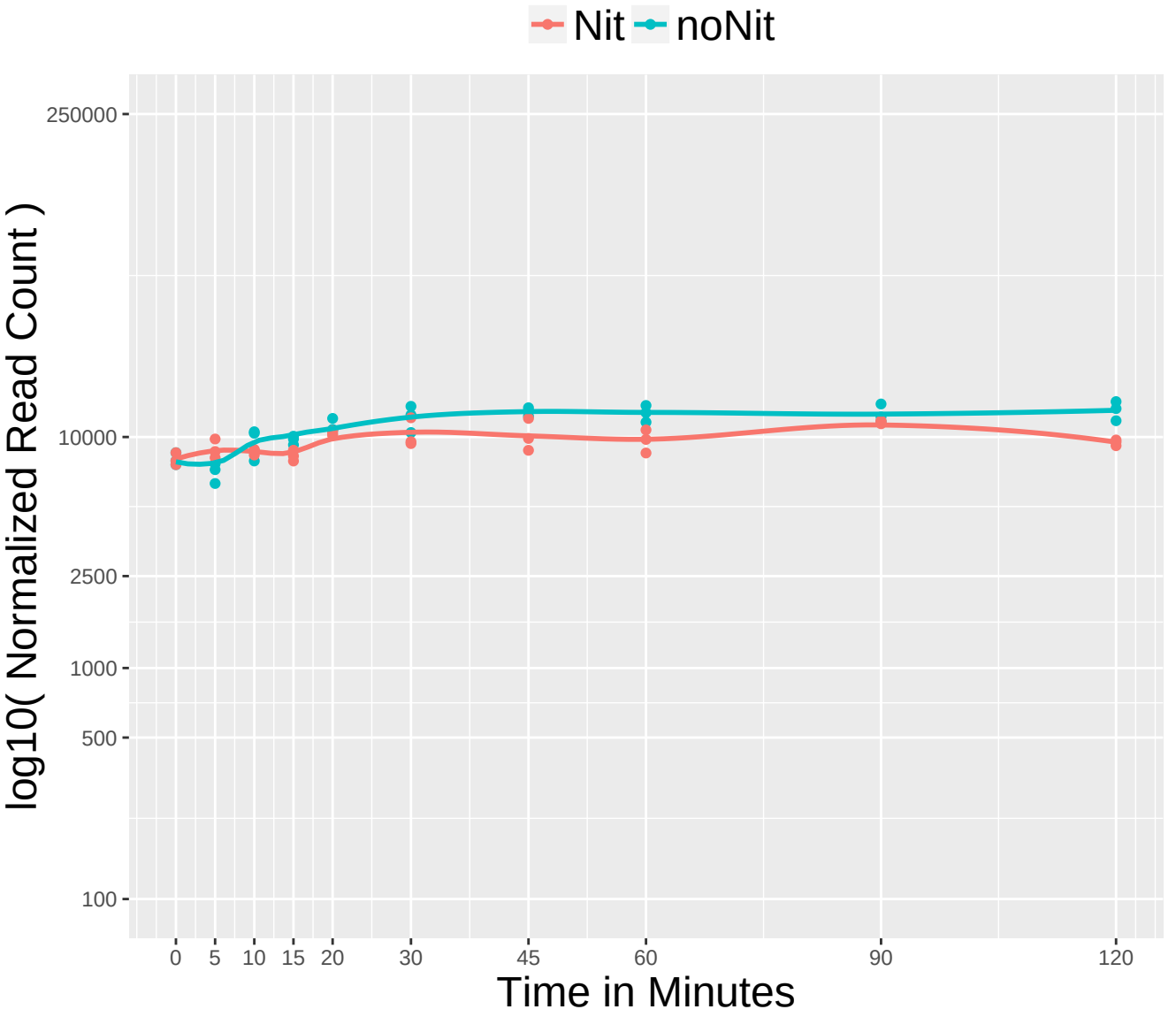

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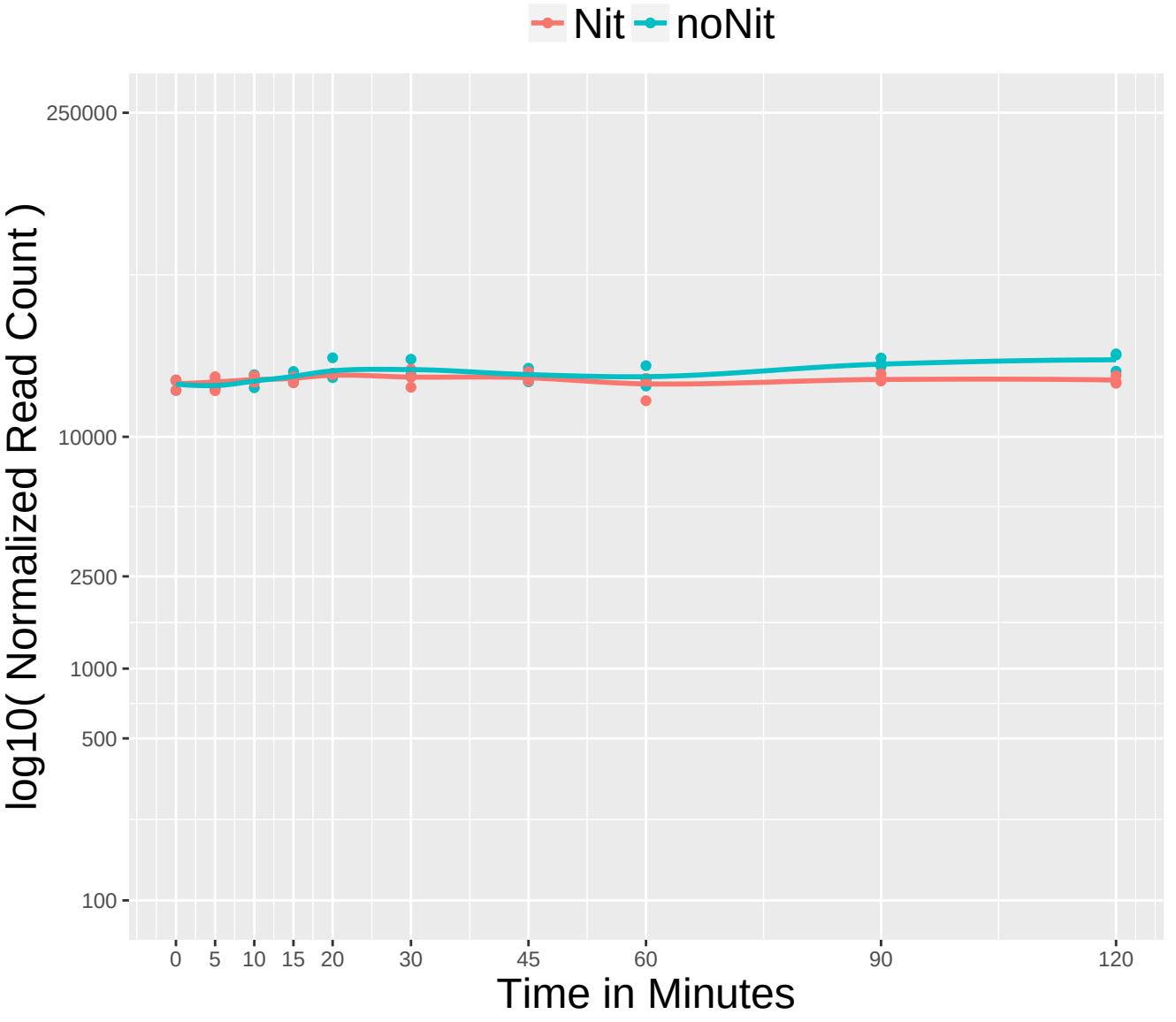
TUB4,tubulin



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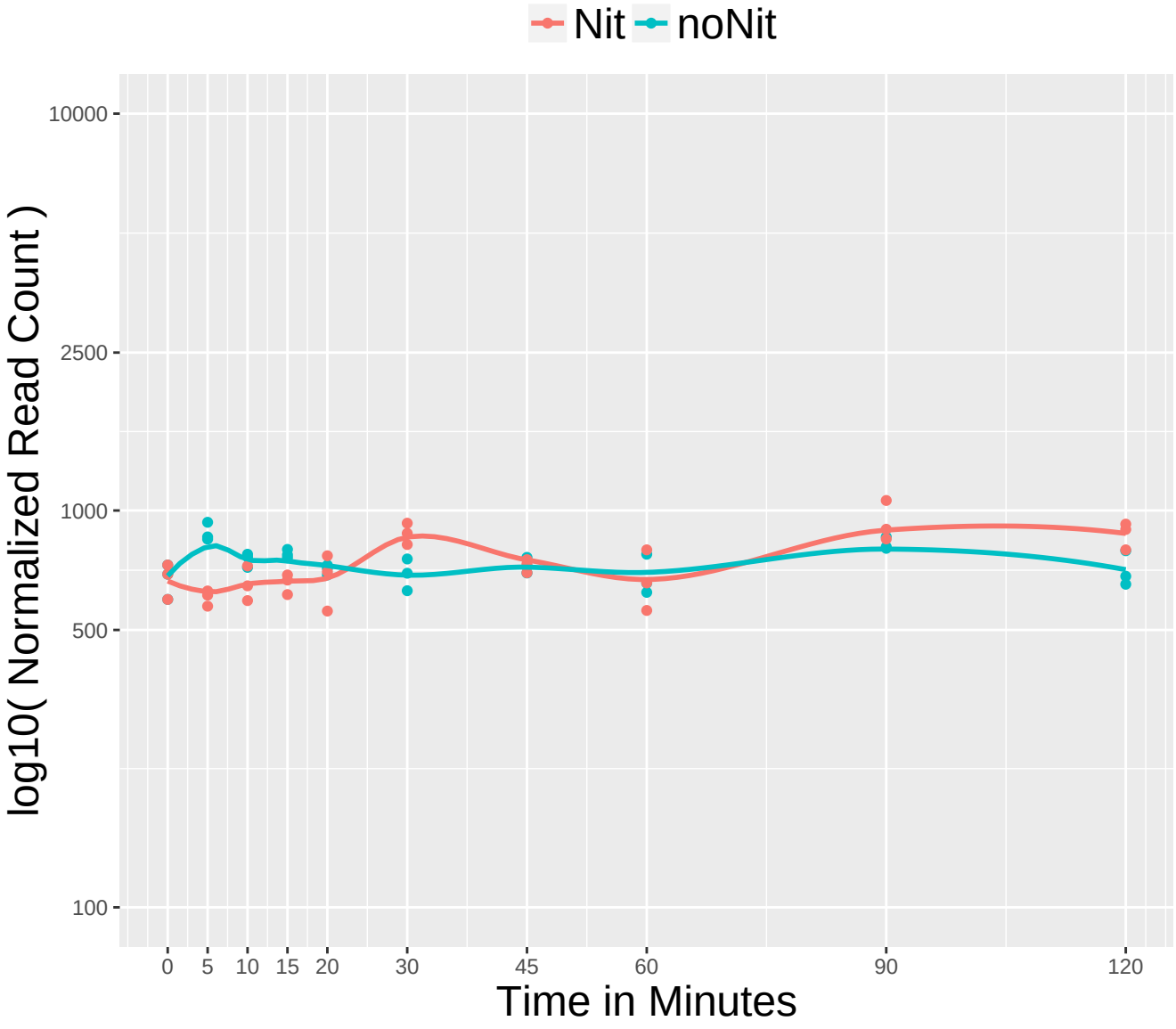
MYBH,MYB



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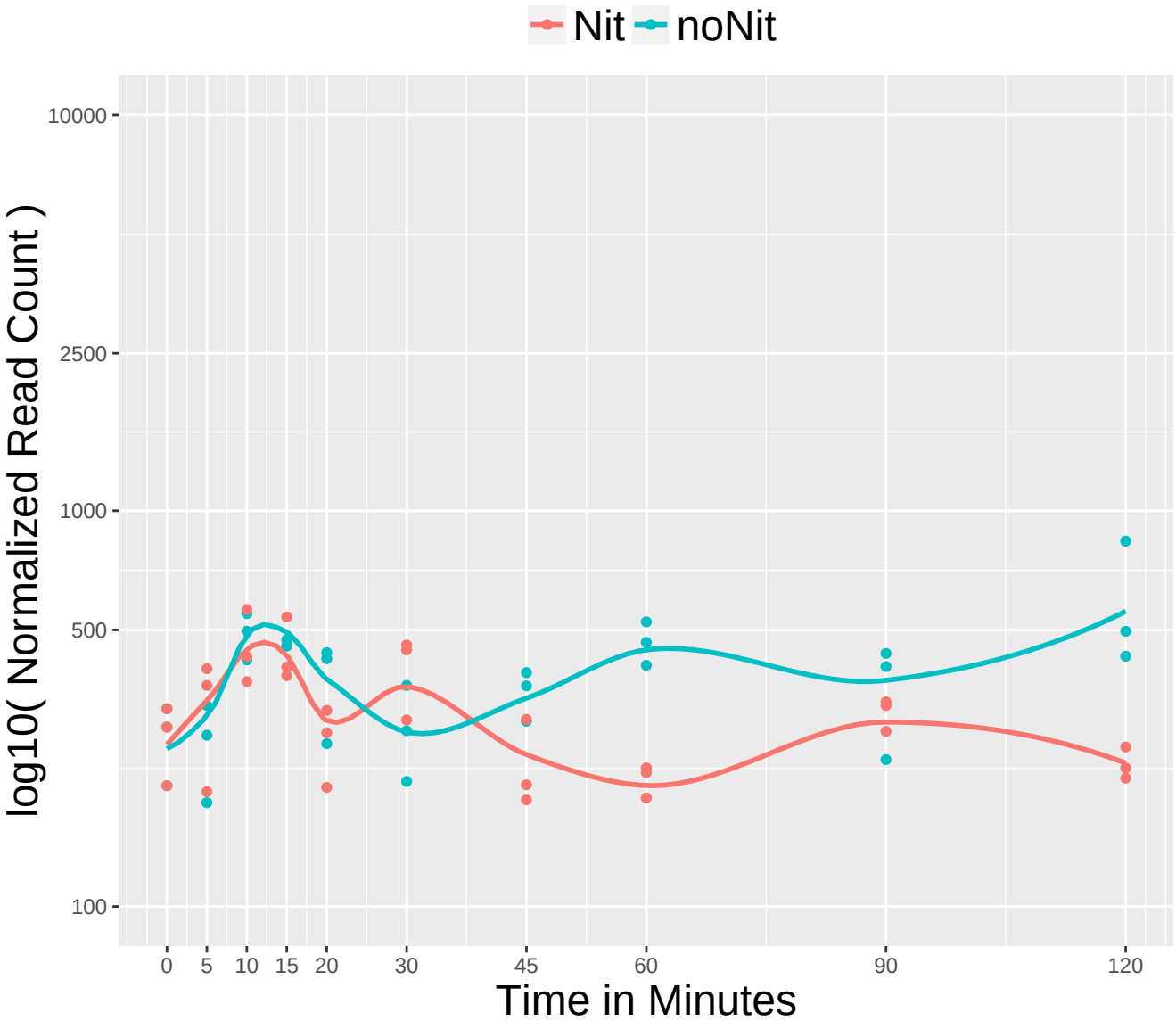
UDP−Glycosyltransferase



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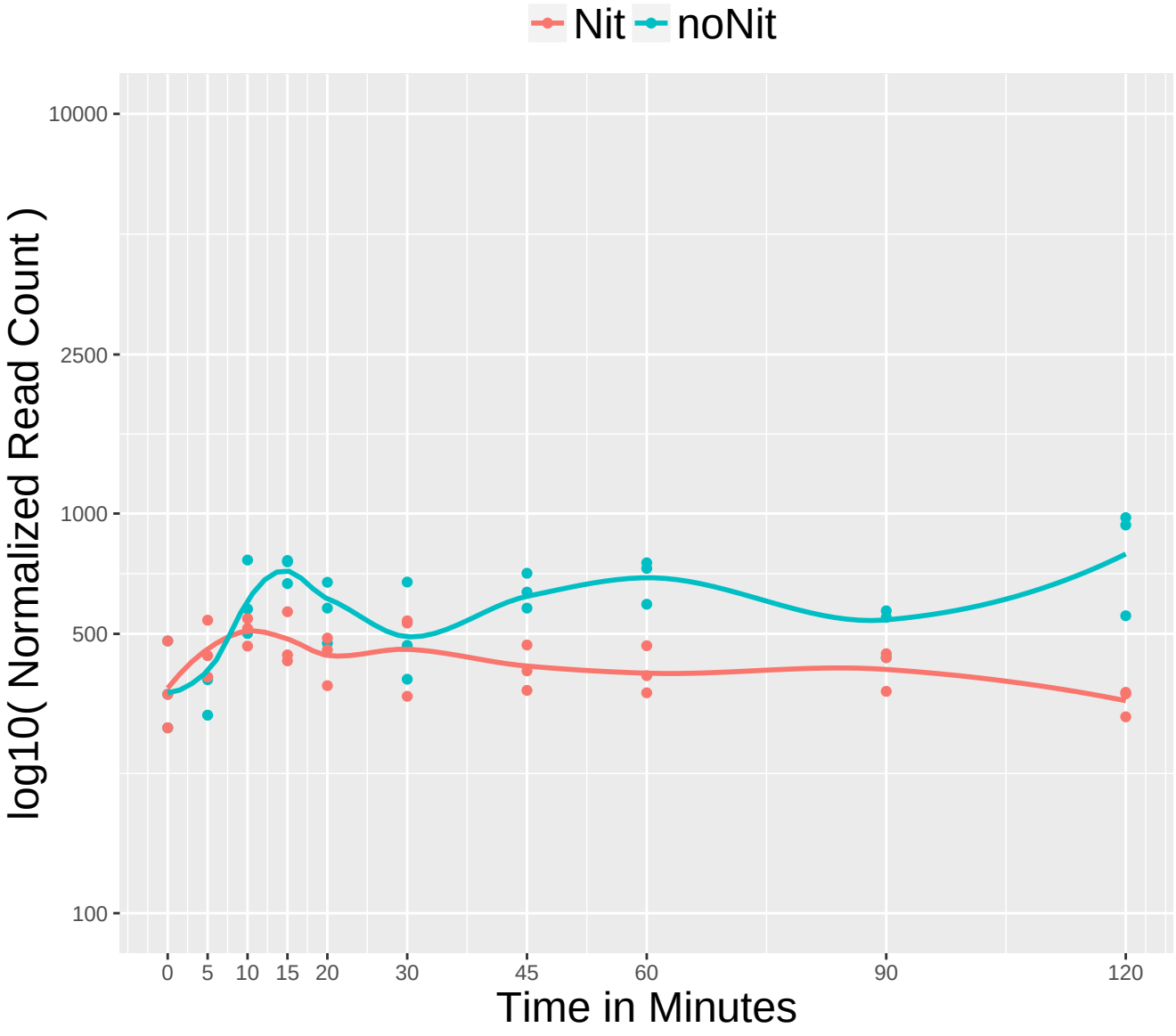
Protein



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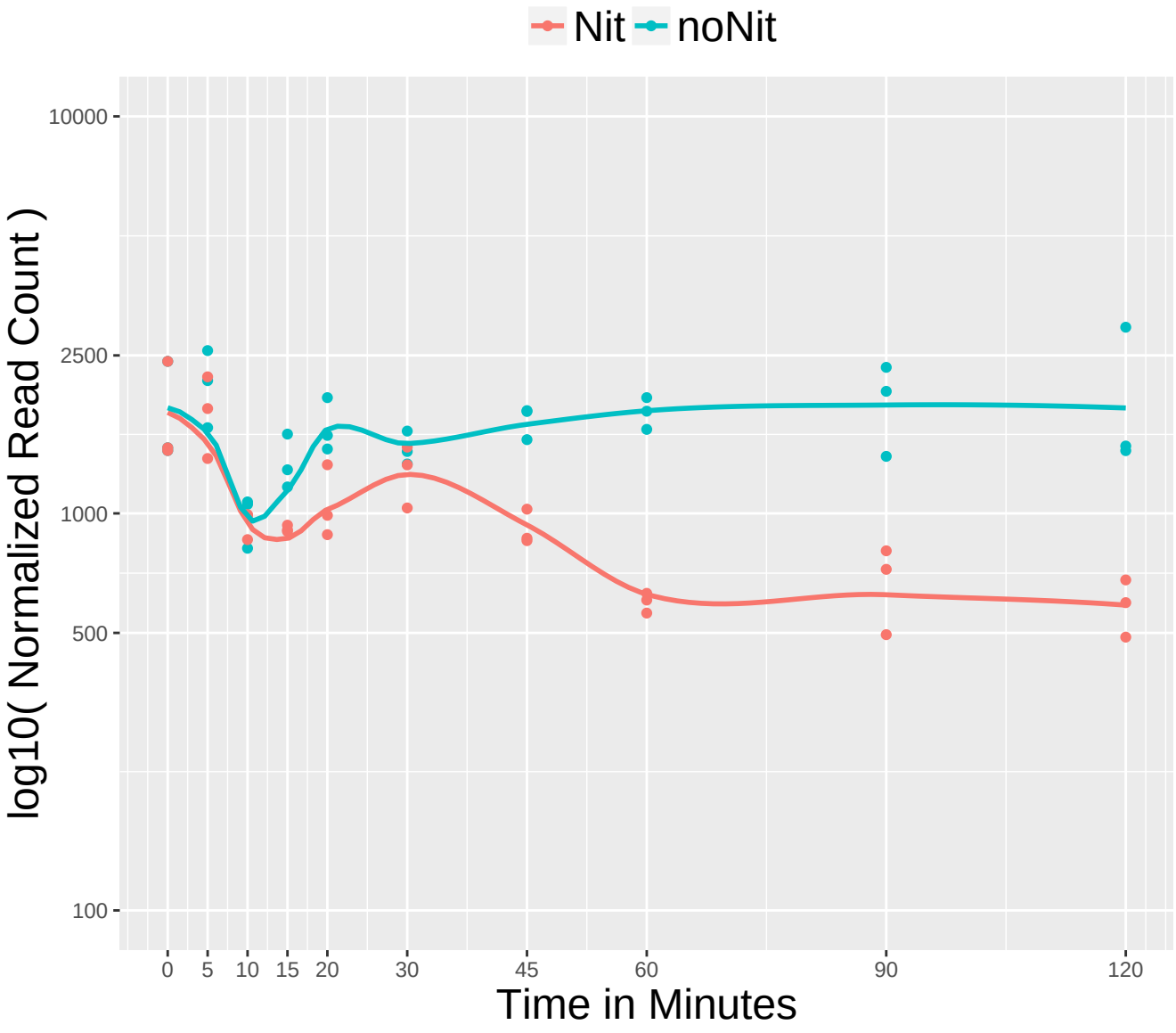
ARI12,ARIADNE



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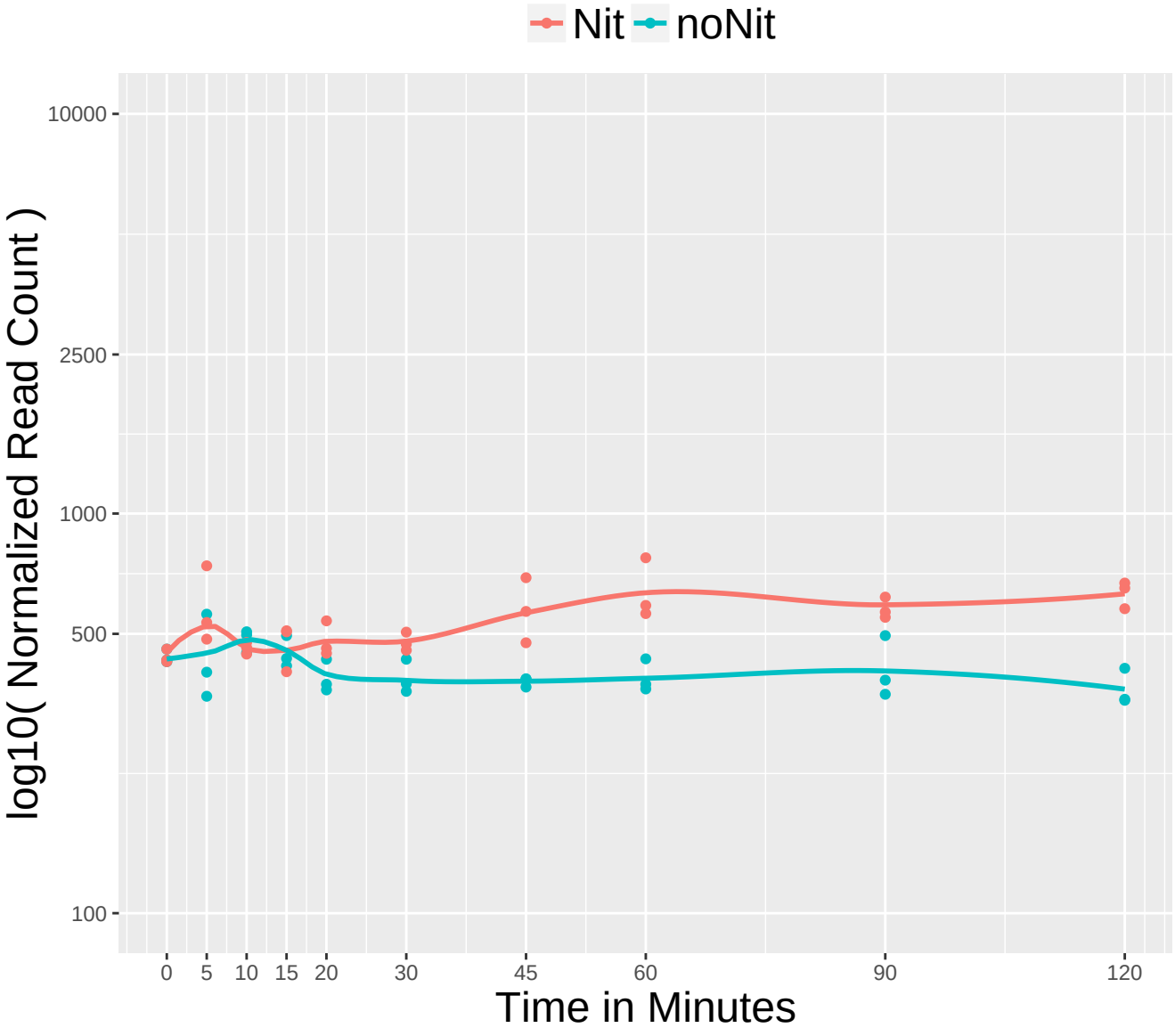
other



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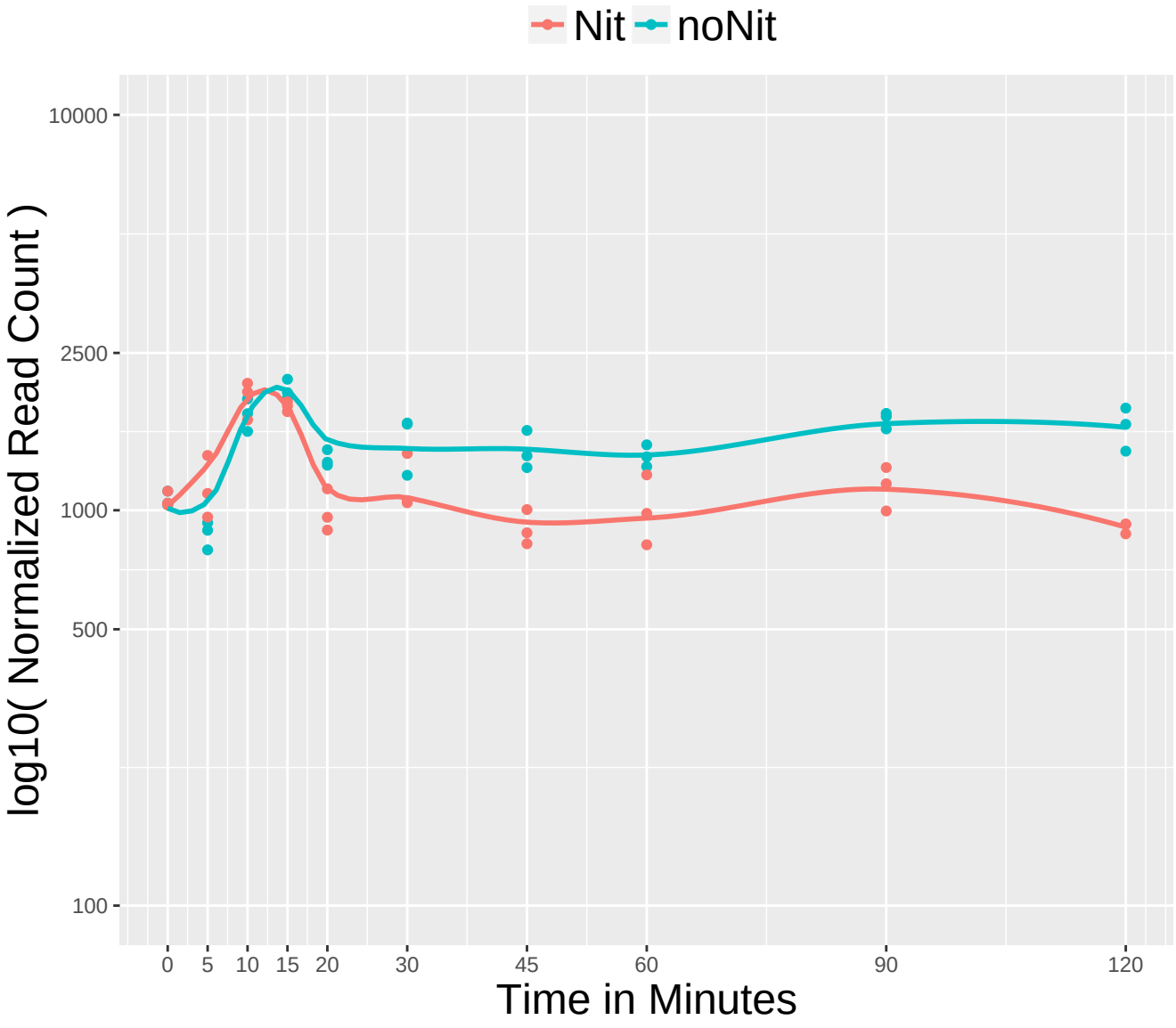
AtCXE5,carboxyesterase



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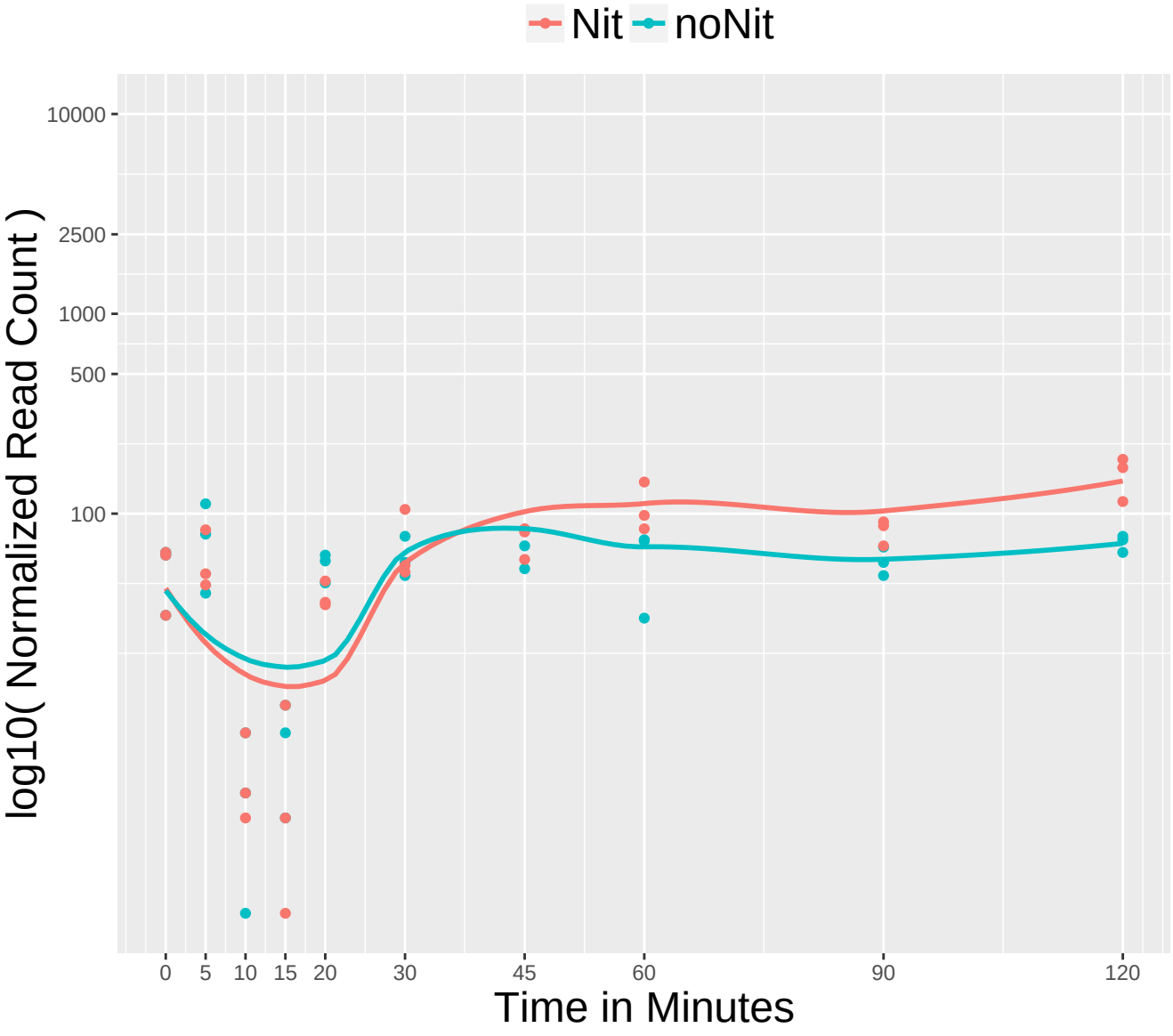
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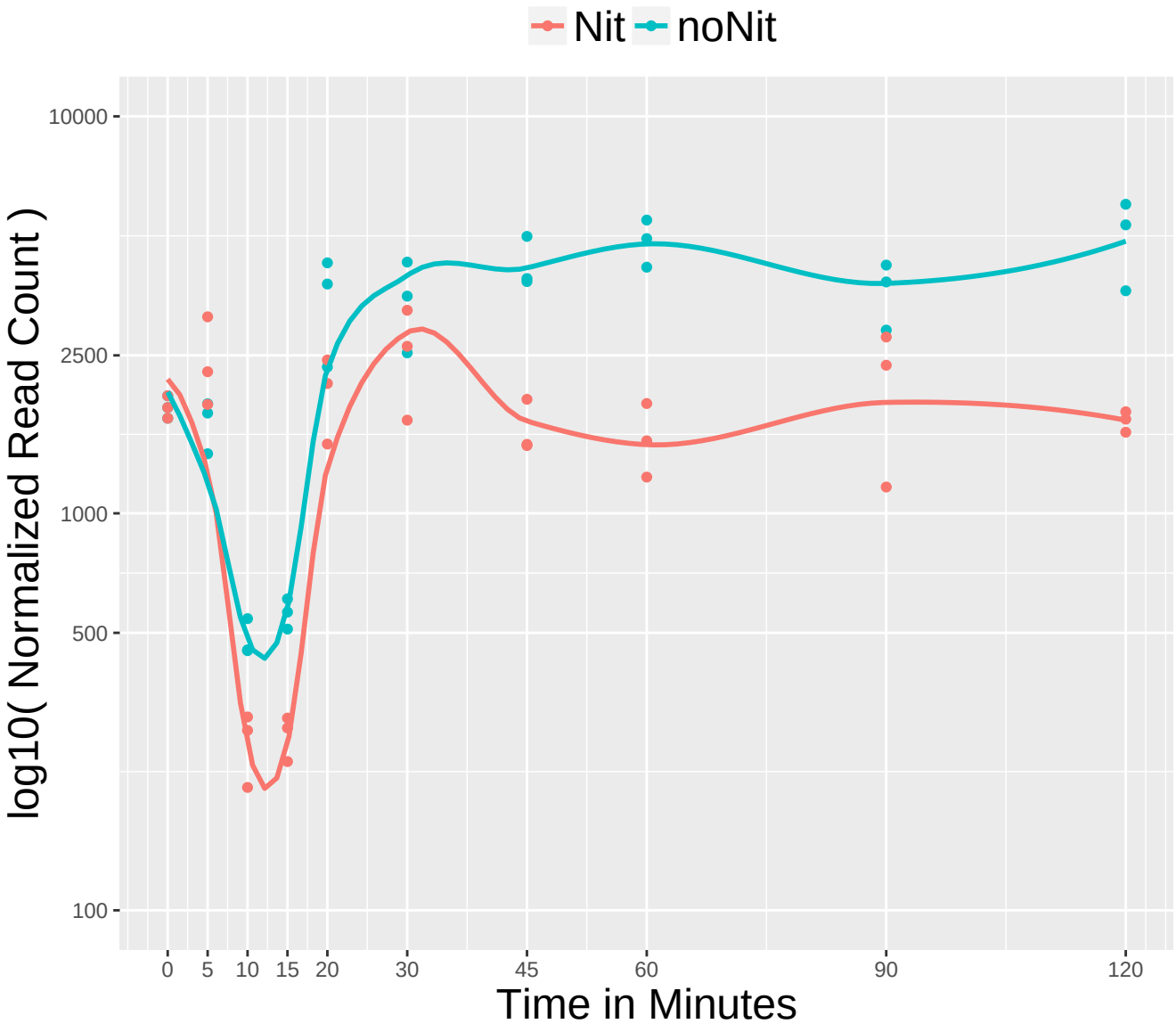
AT1G61560

ATMLO6,MILDEW



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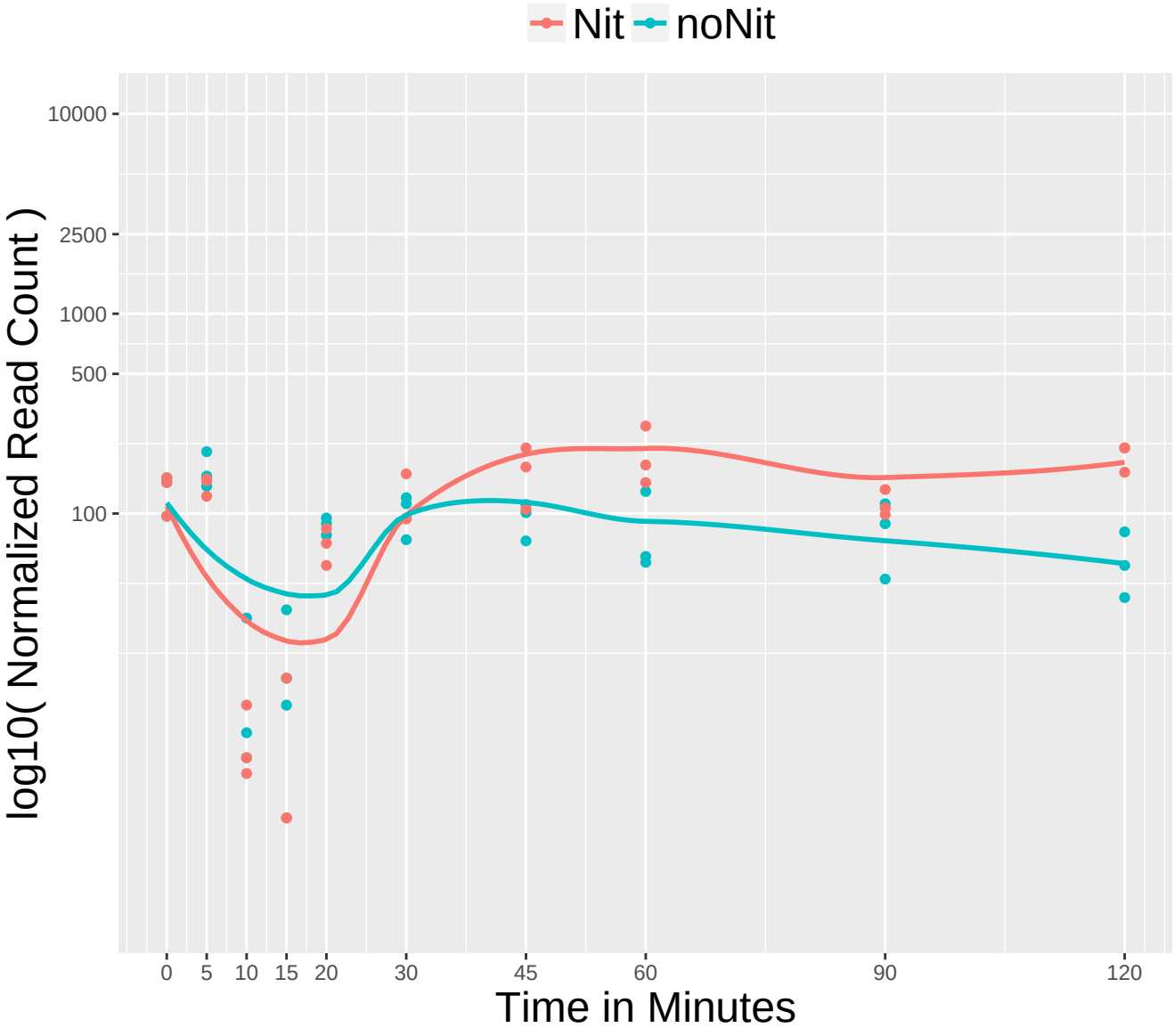

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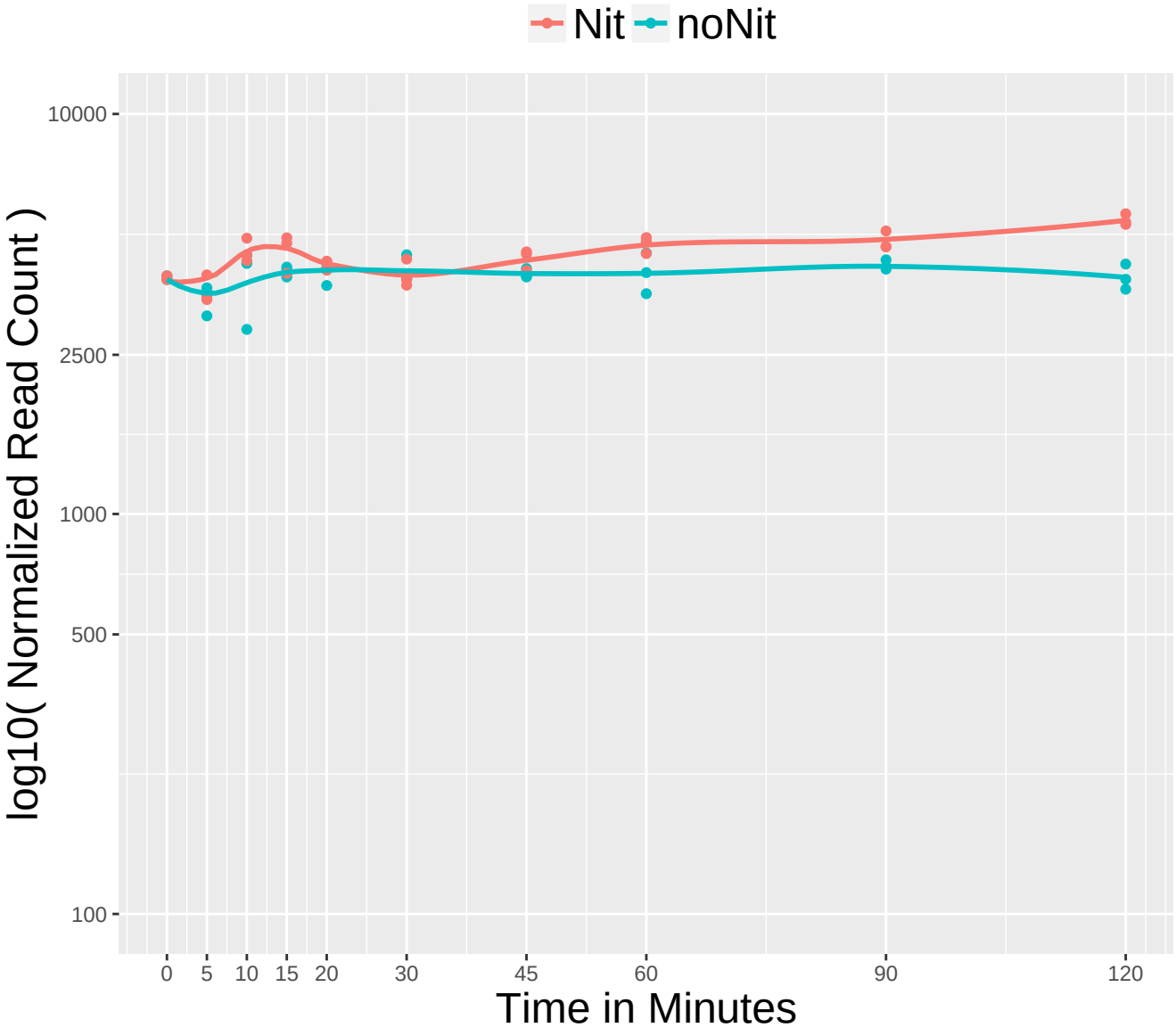
Transducin



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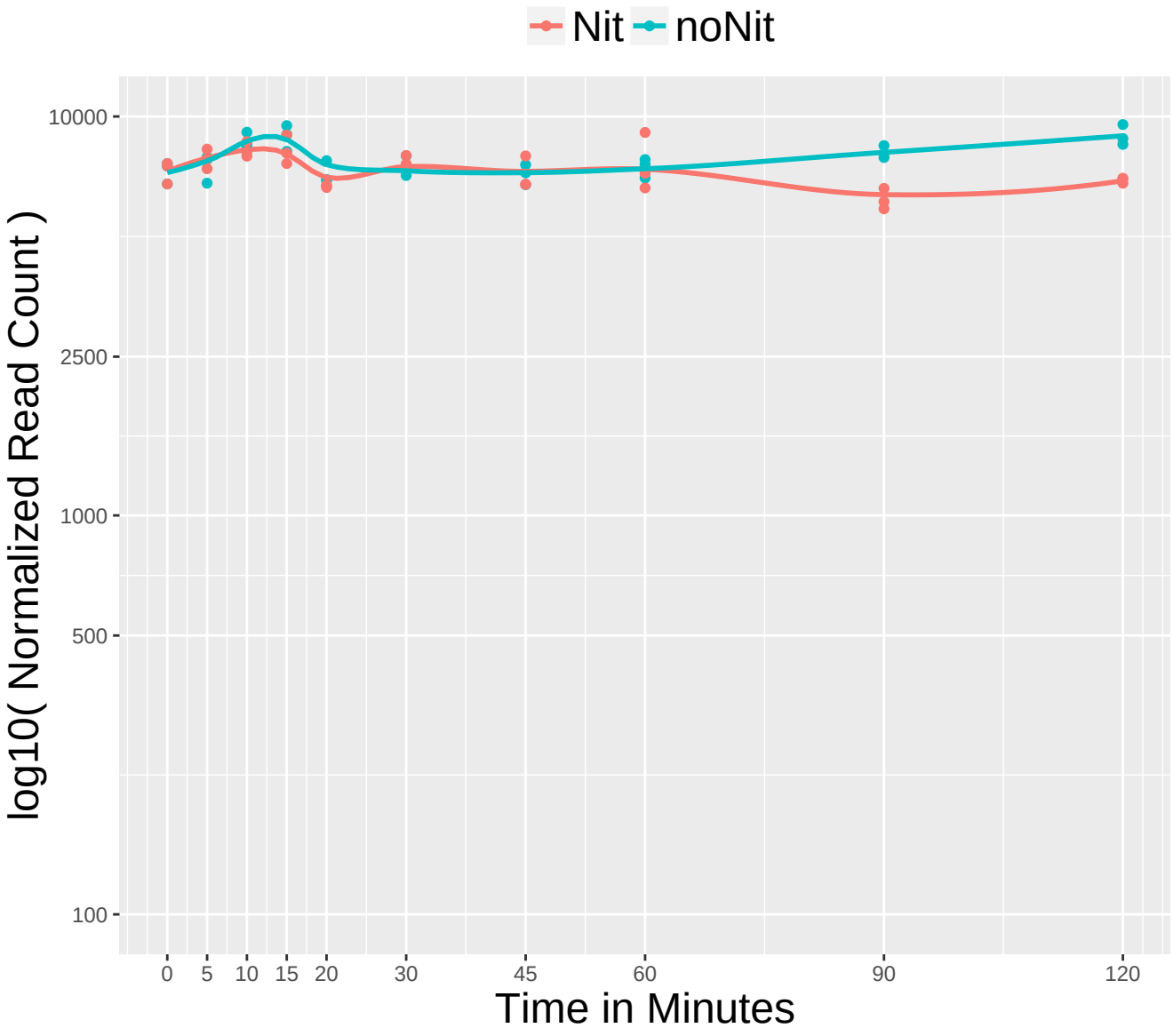
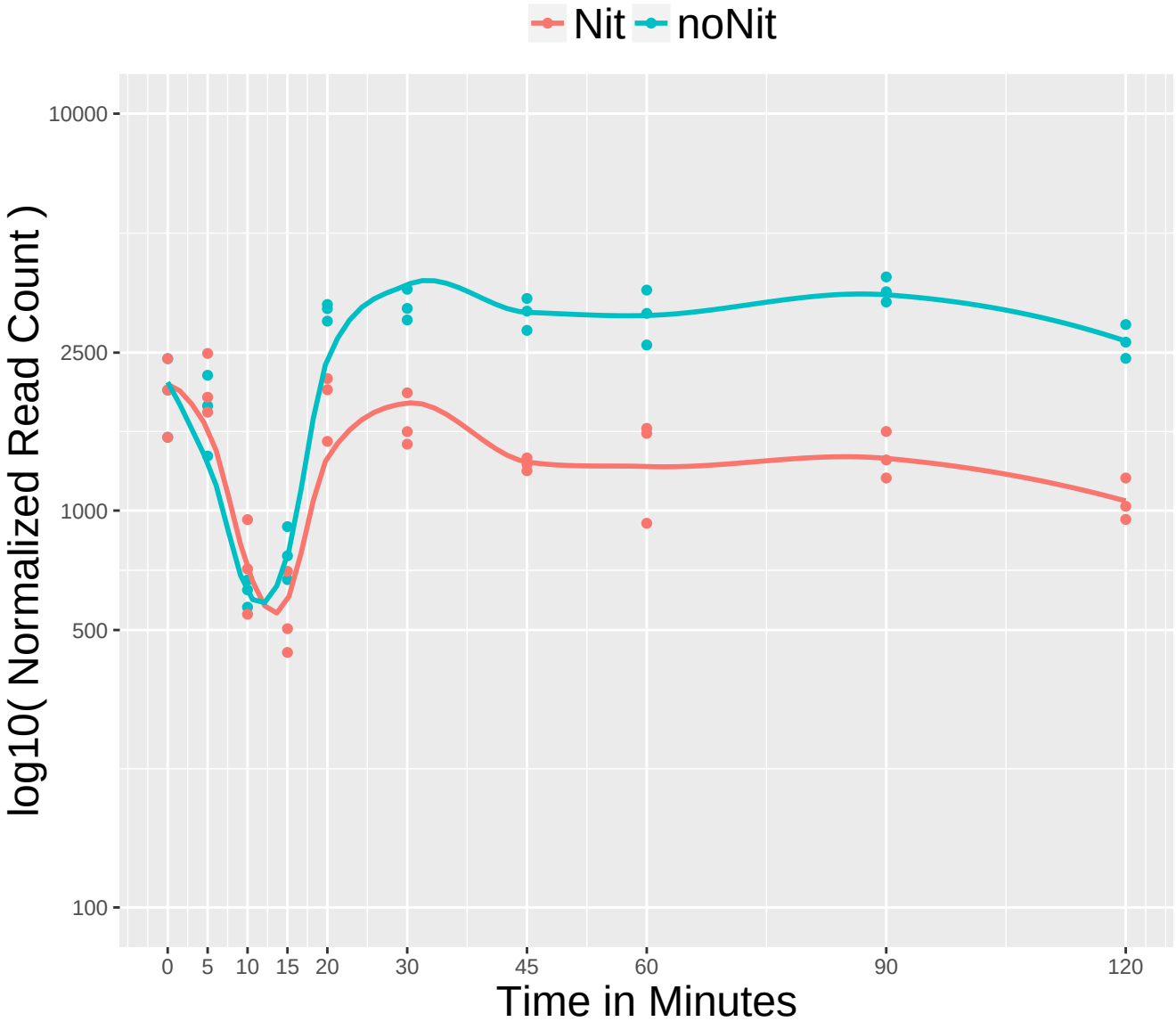


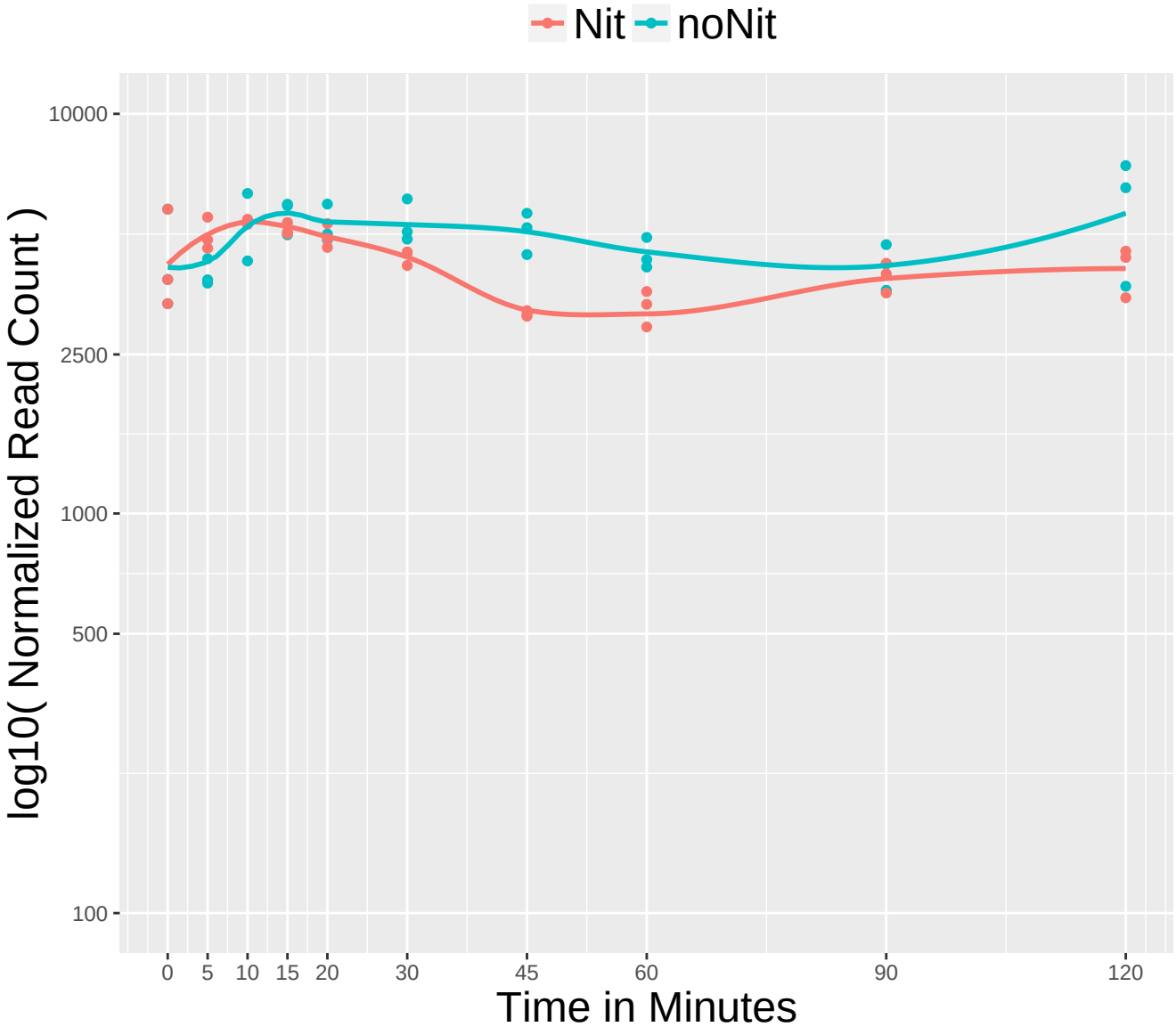
AT3G21420

LBO1,LATERAL



AT3G22800

Leucine−rich



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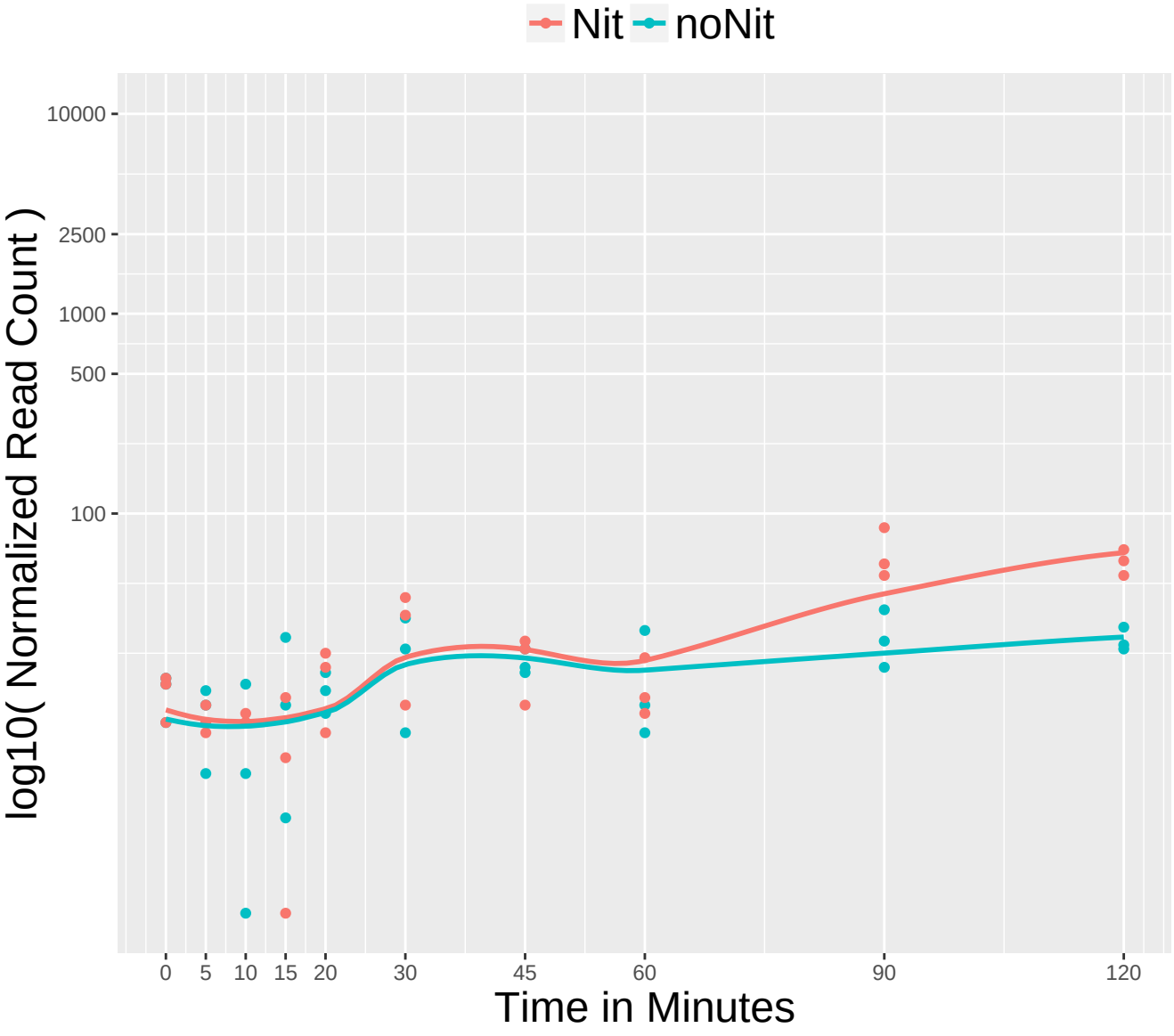
F−box



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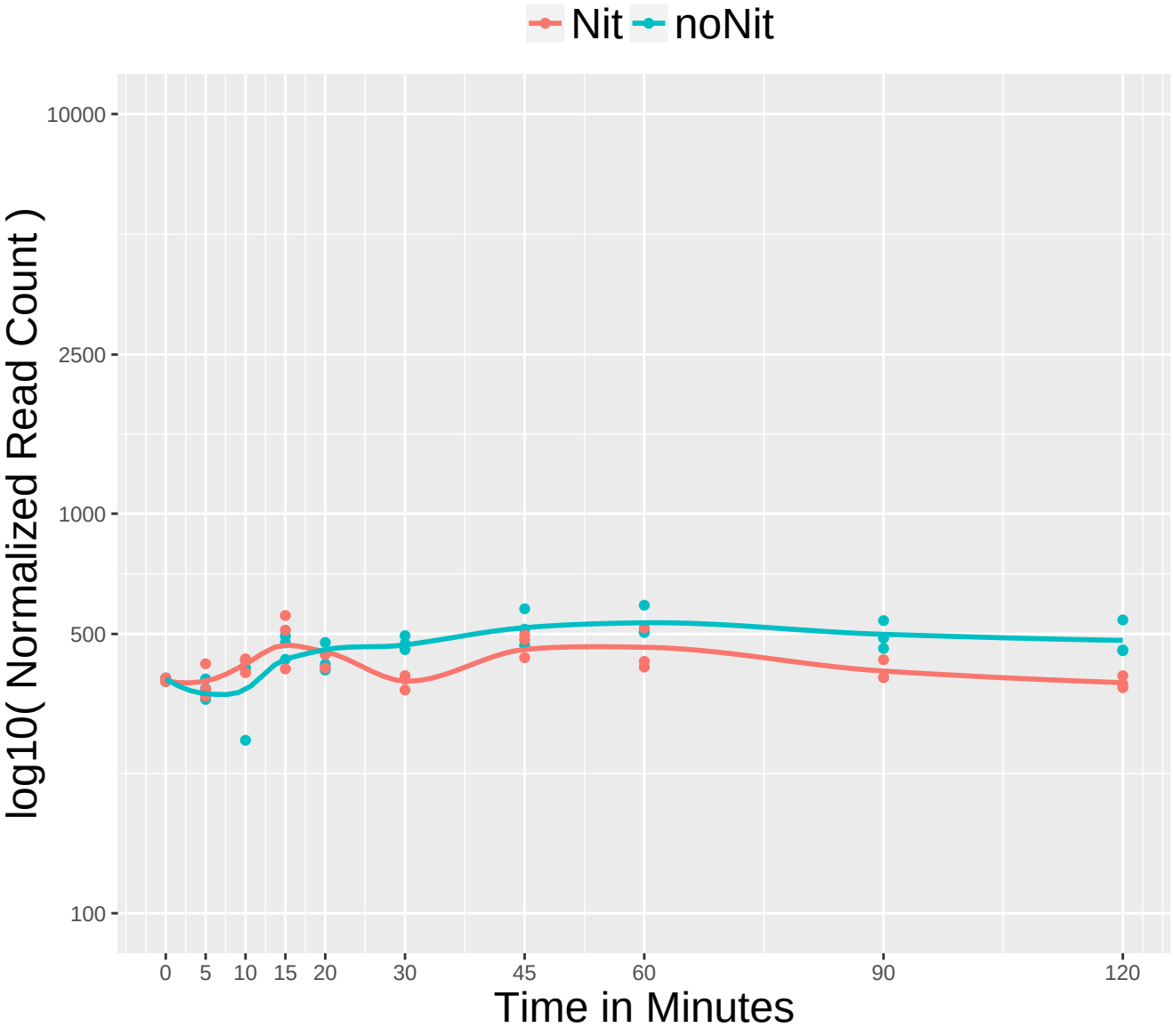
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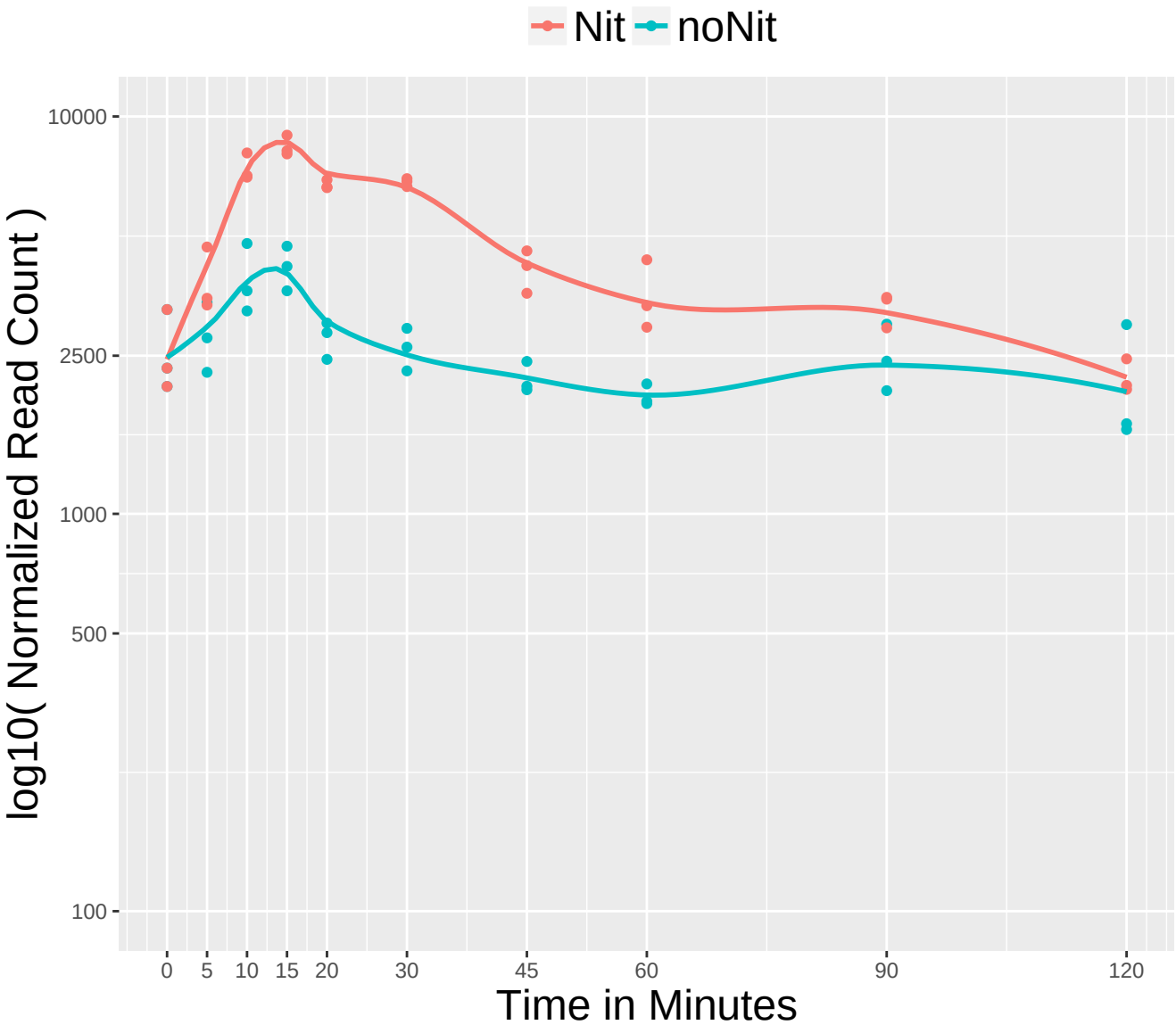
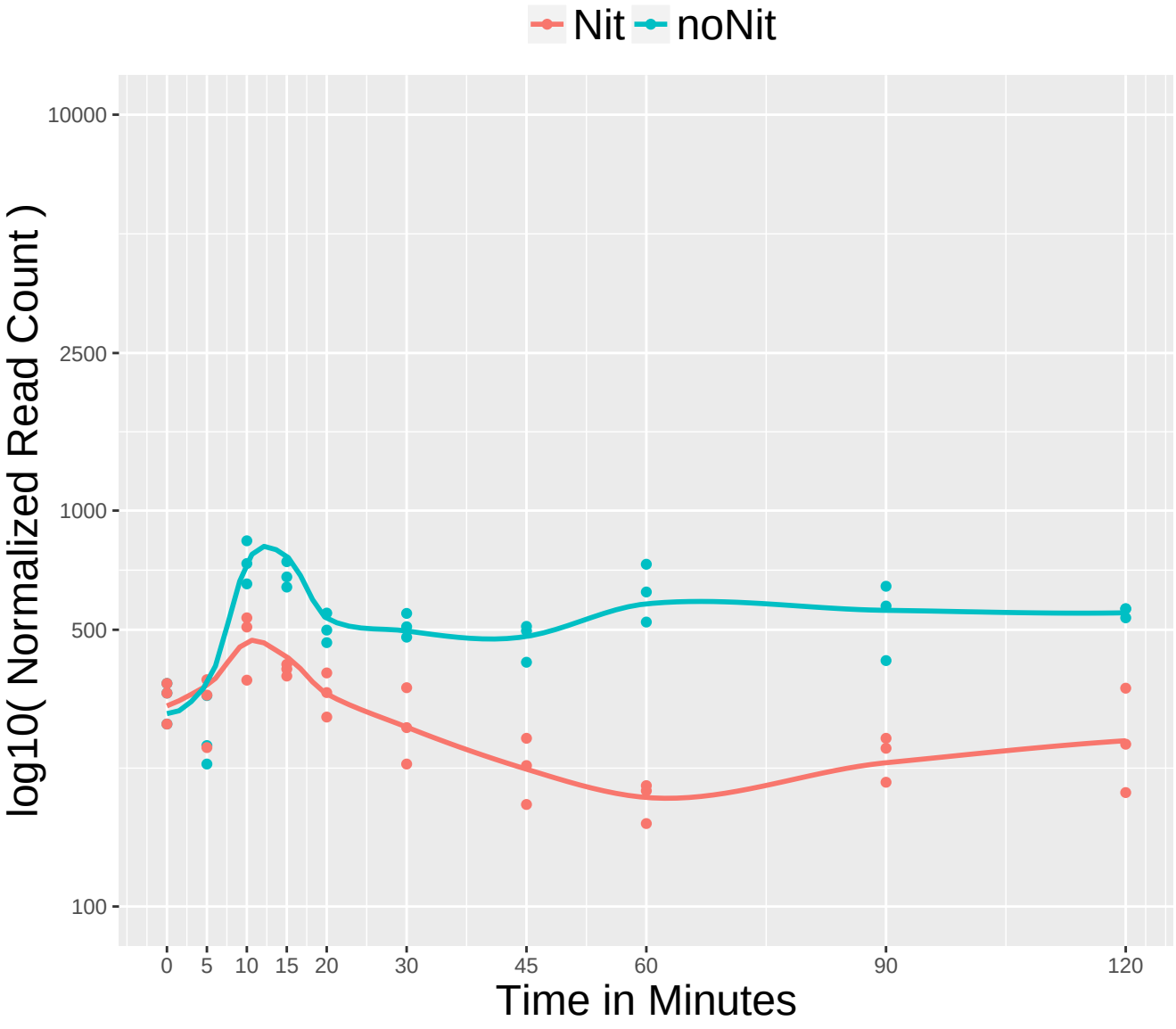
AT3G55980

ATSZF1,,SZF1,salt−inducible



AT3G58620

TTL4,tetratricopetide−repeat



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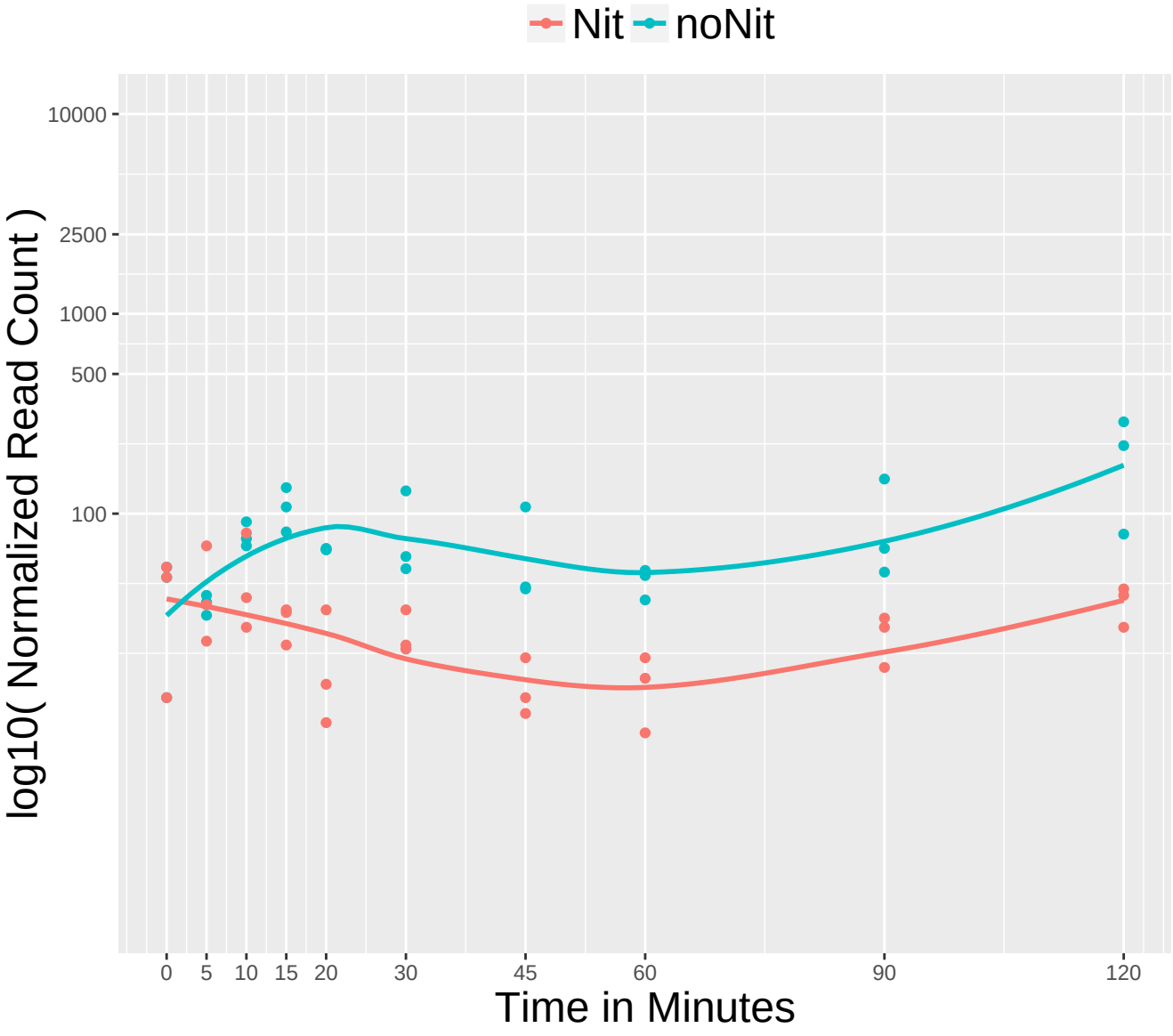
MATE



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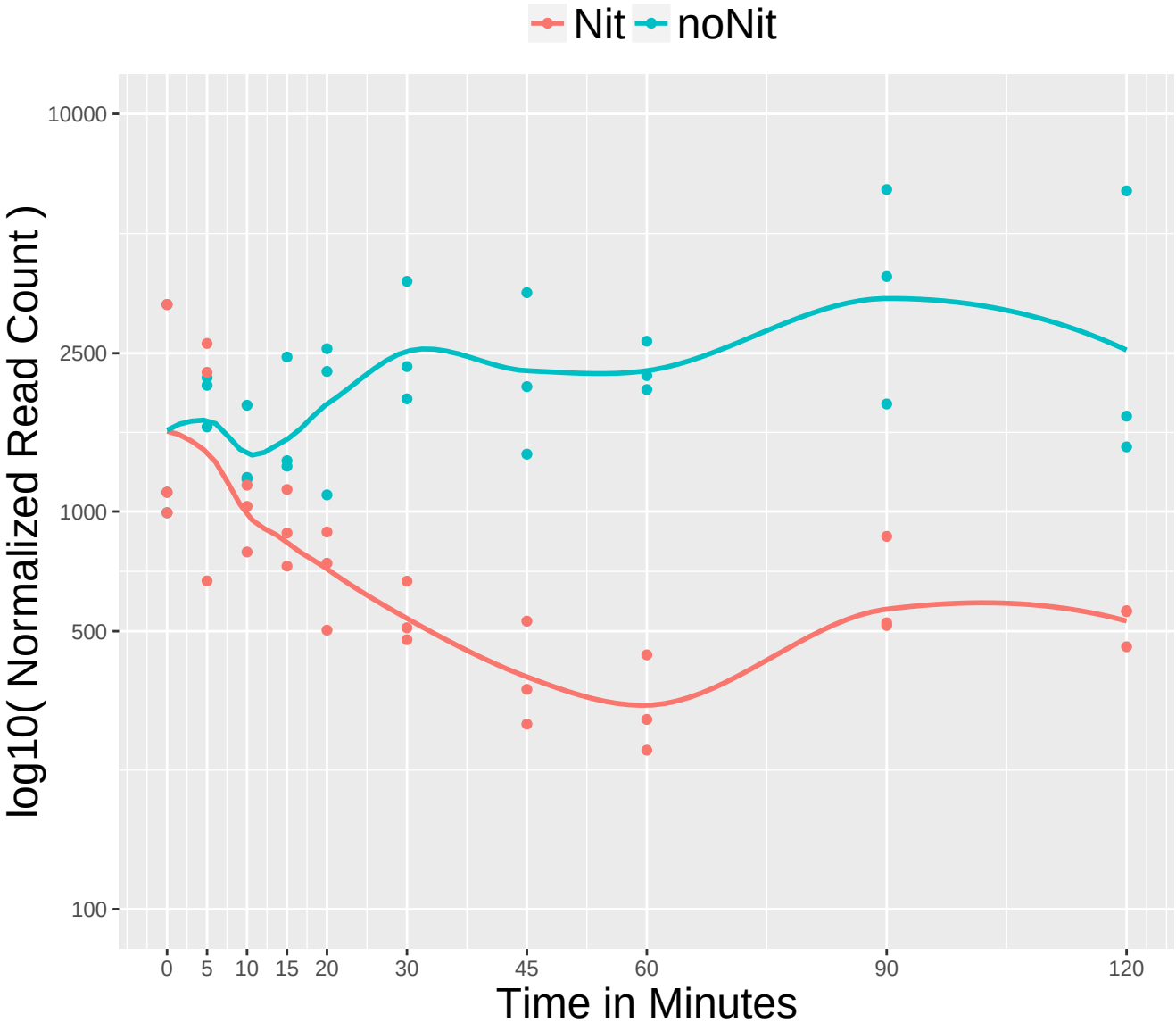

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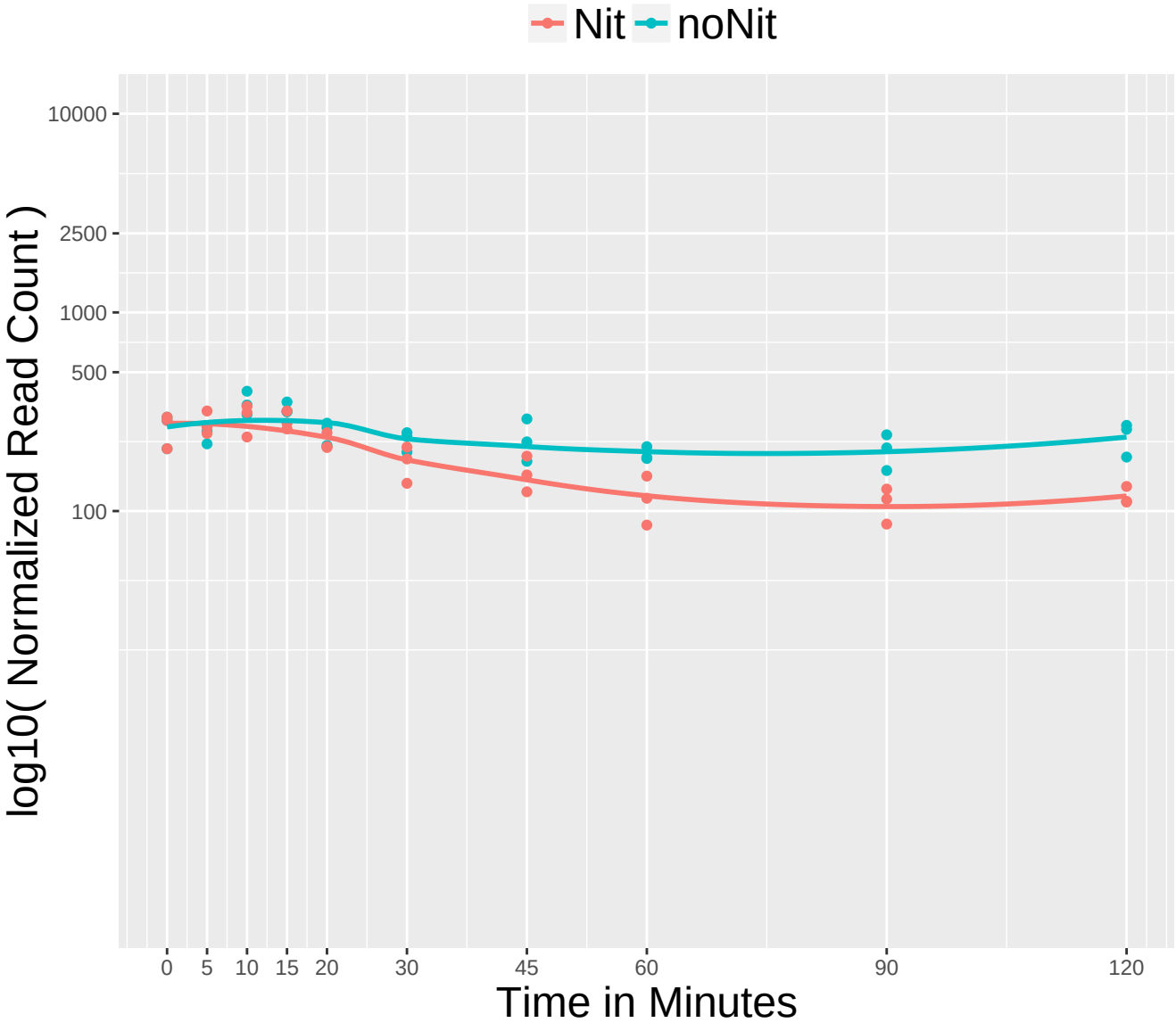
ATCSLA11,ARABIDOPSIS



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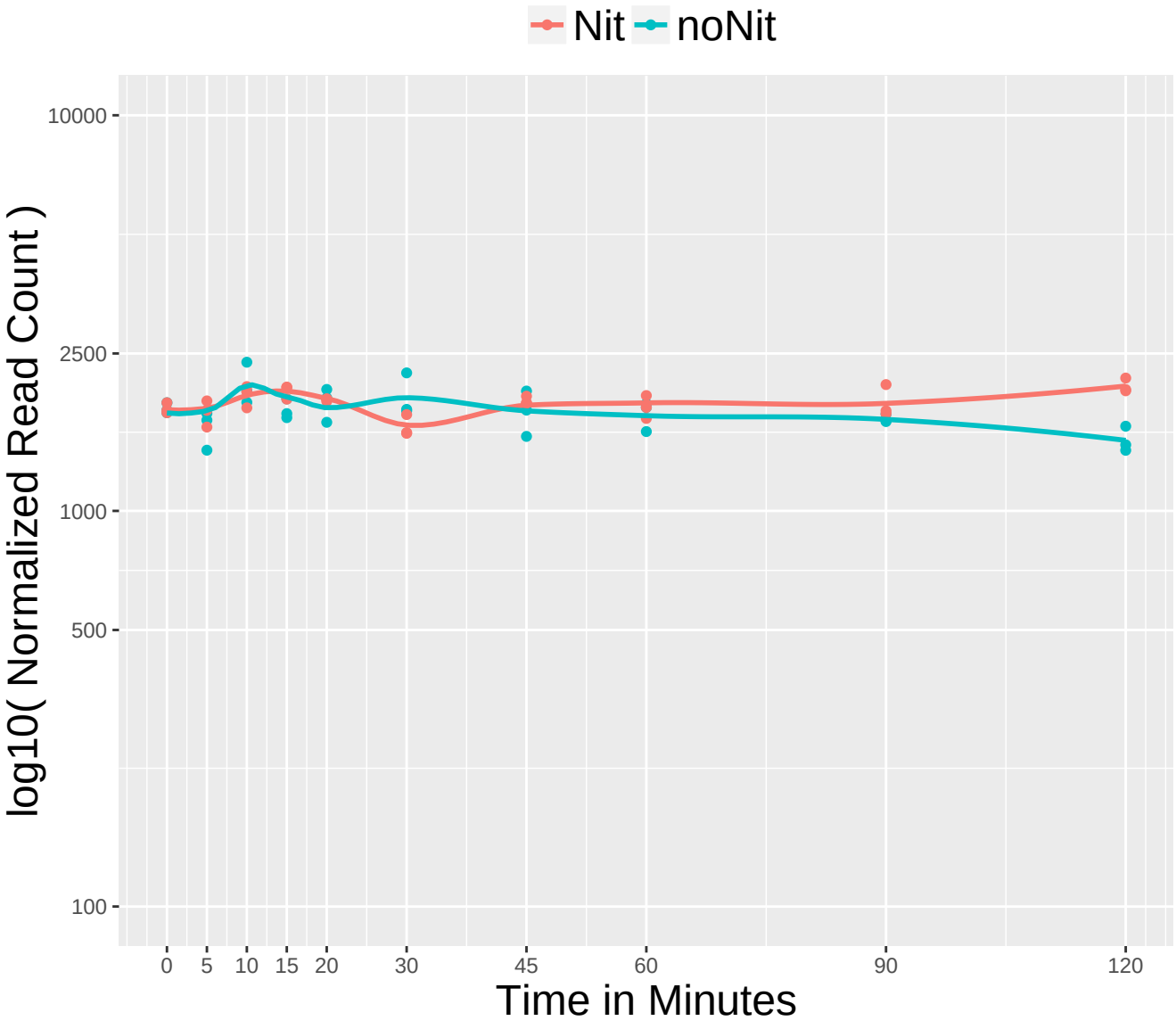
GFA2,gametophytic



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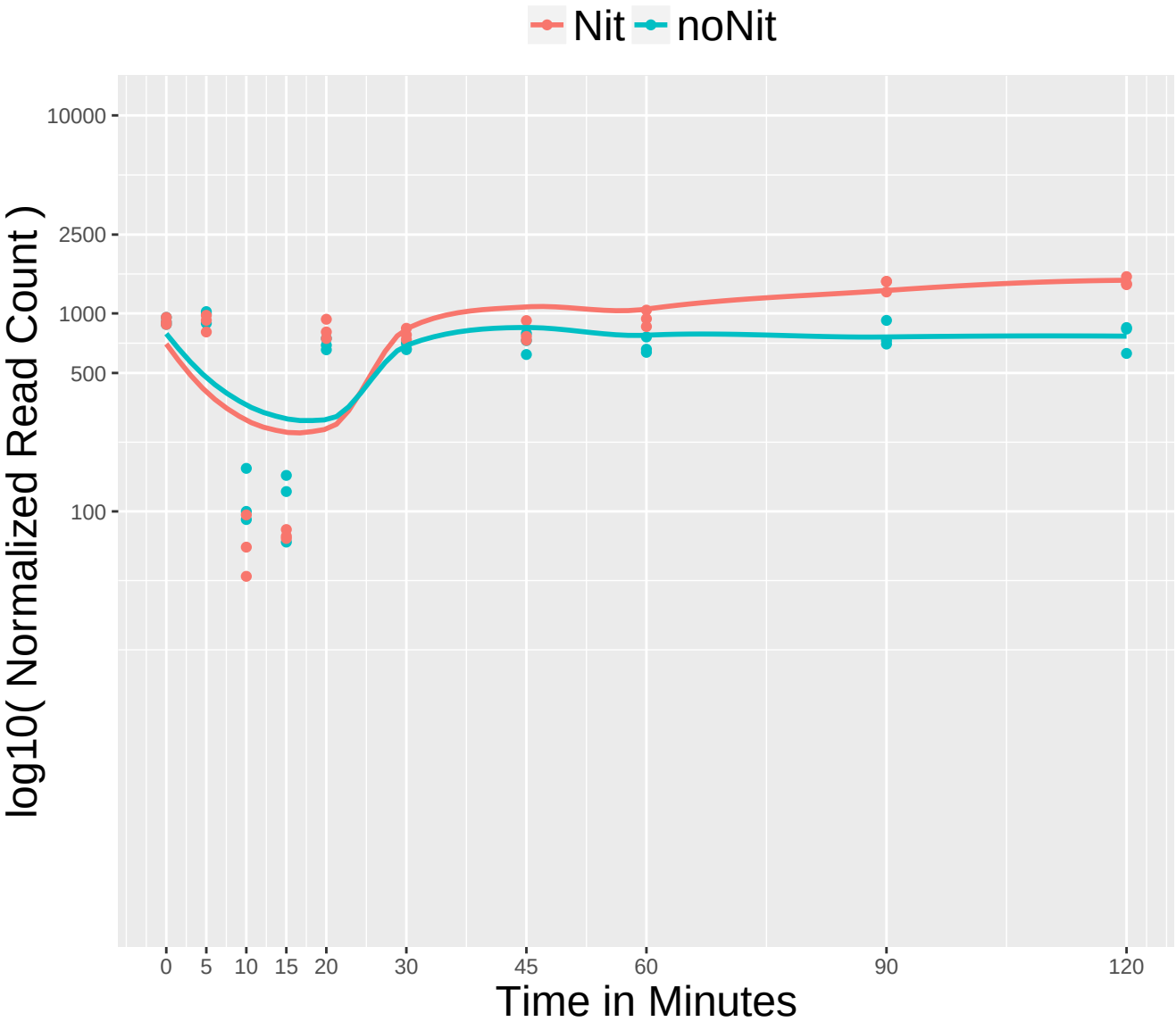
CIPK21,CBL−interacting



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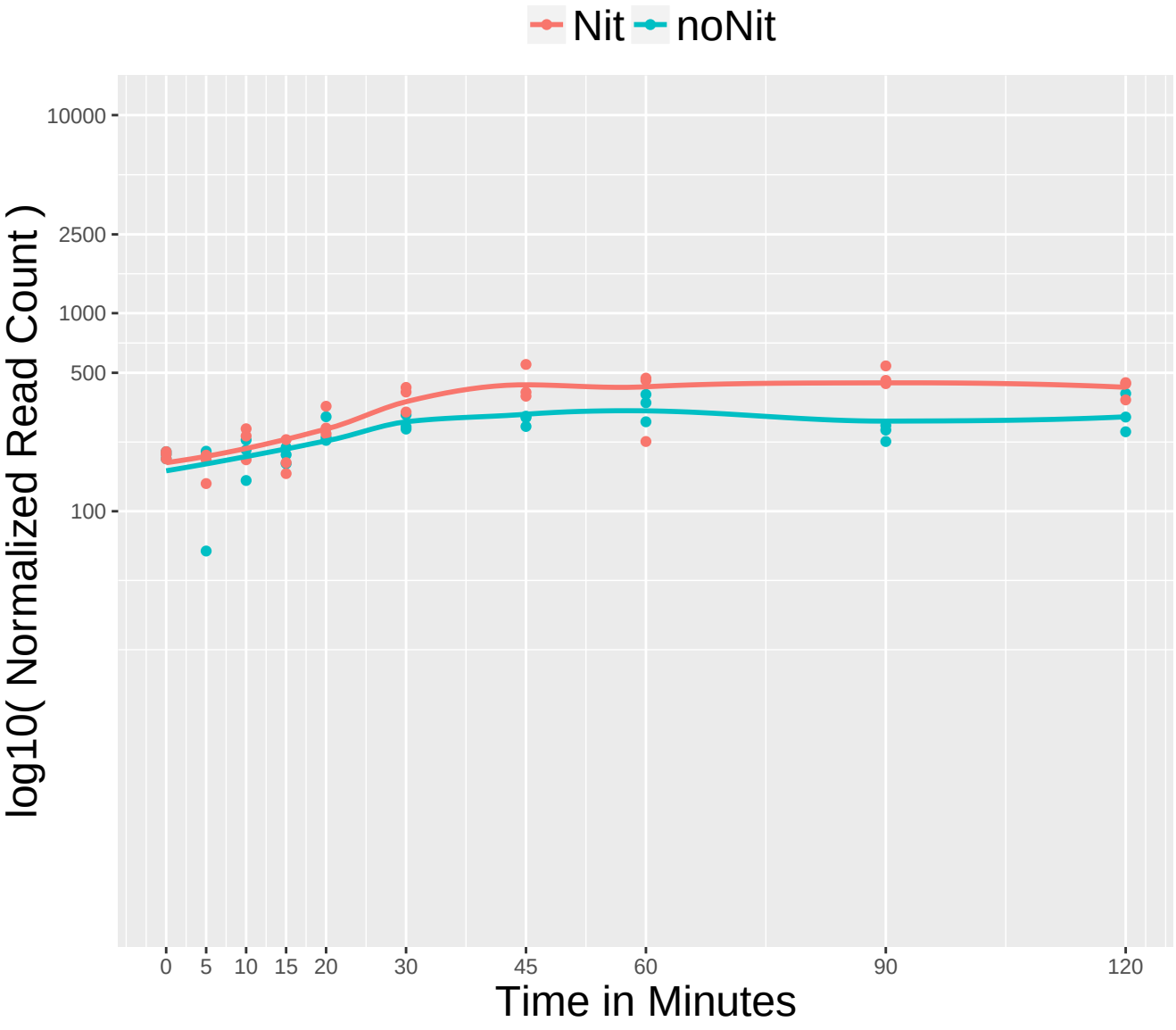
ALDH12A1,aldehyde



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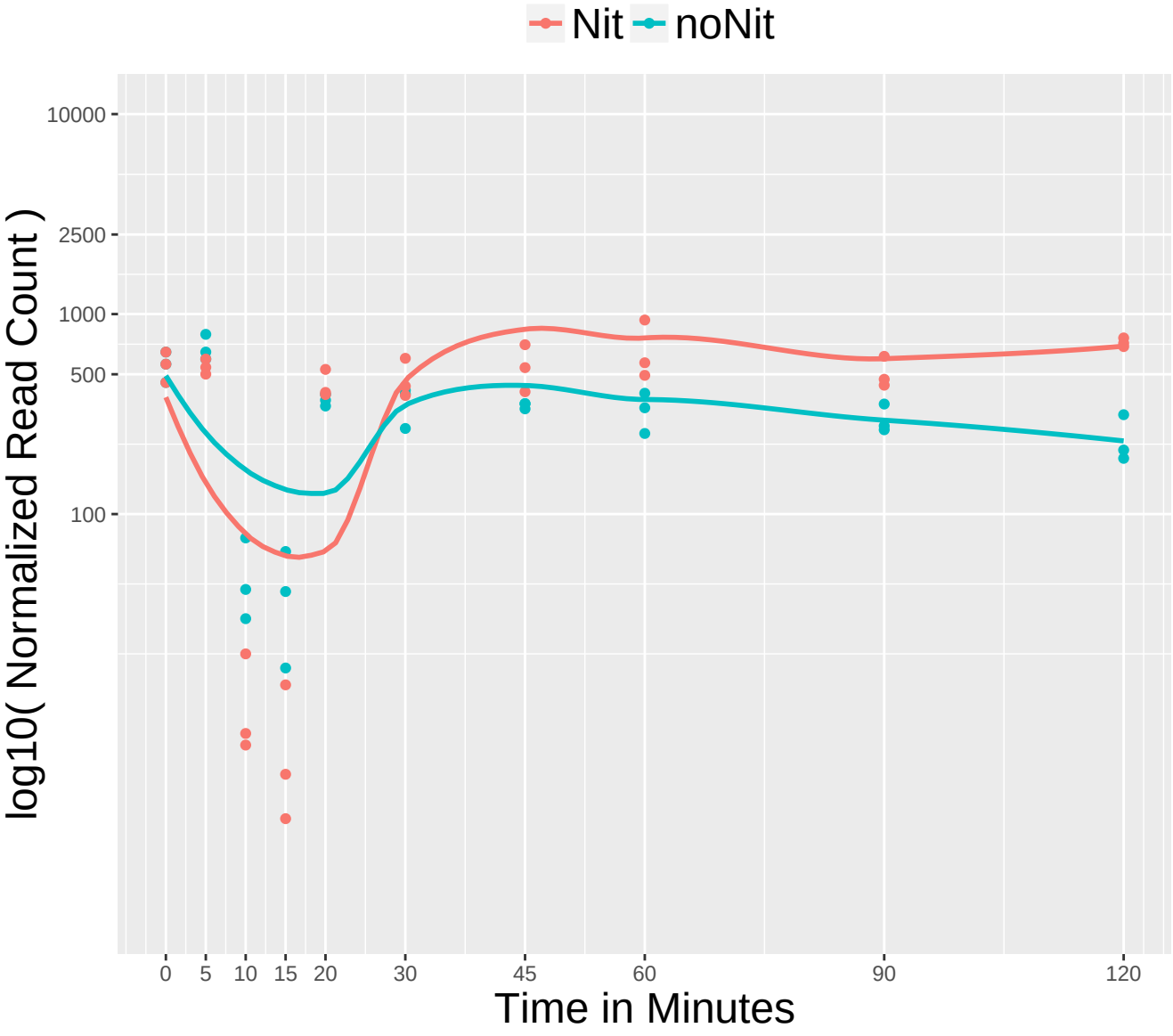
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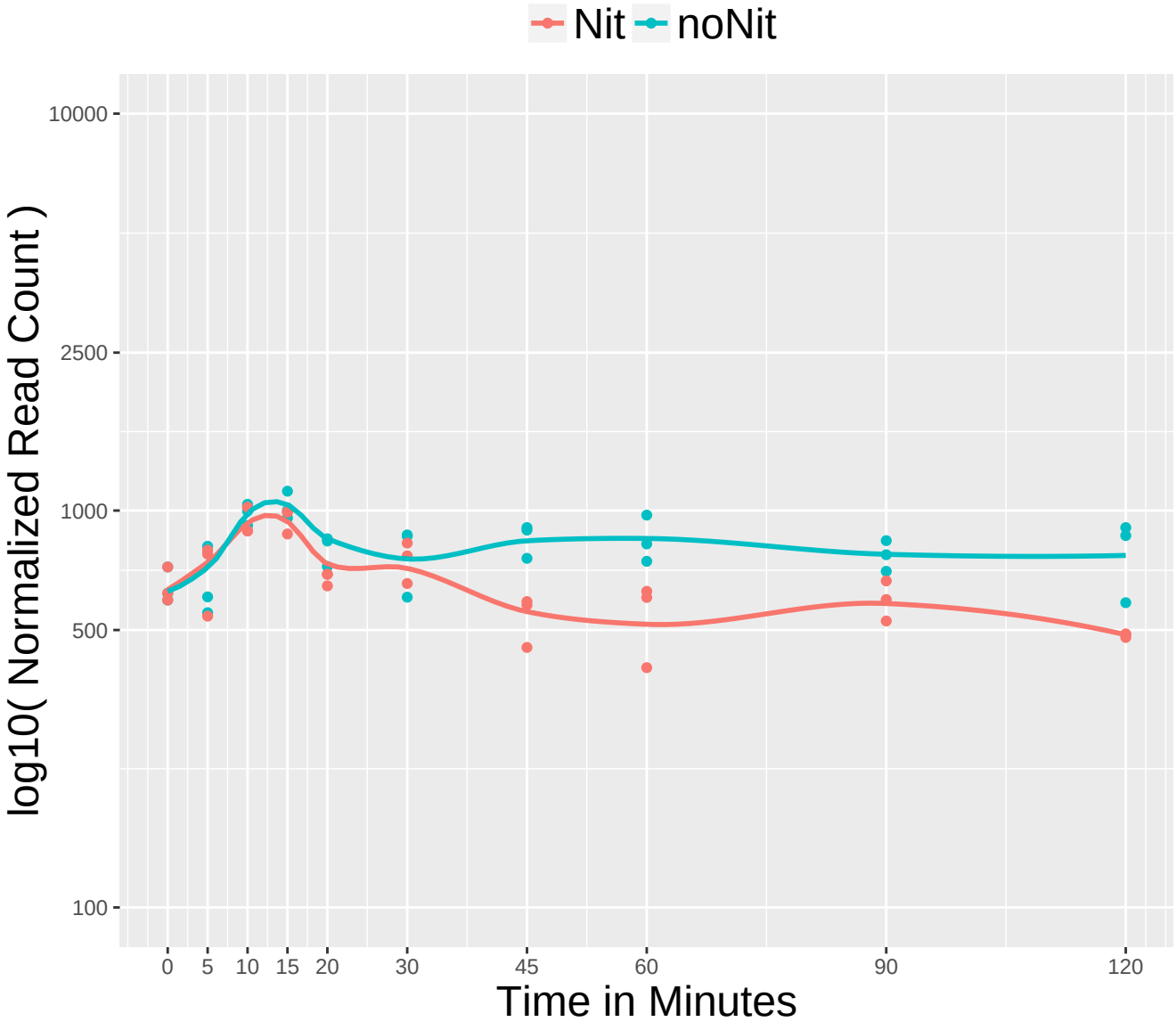
AT1G70140

ATFH8,formin



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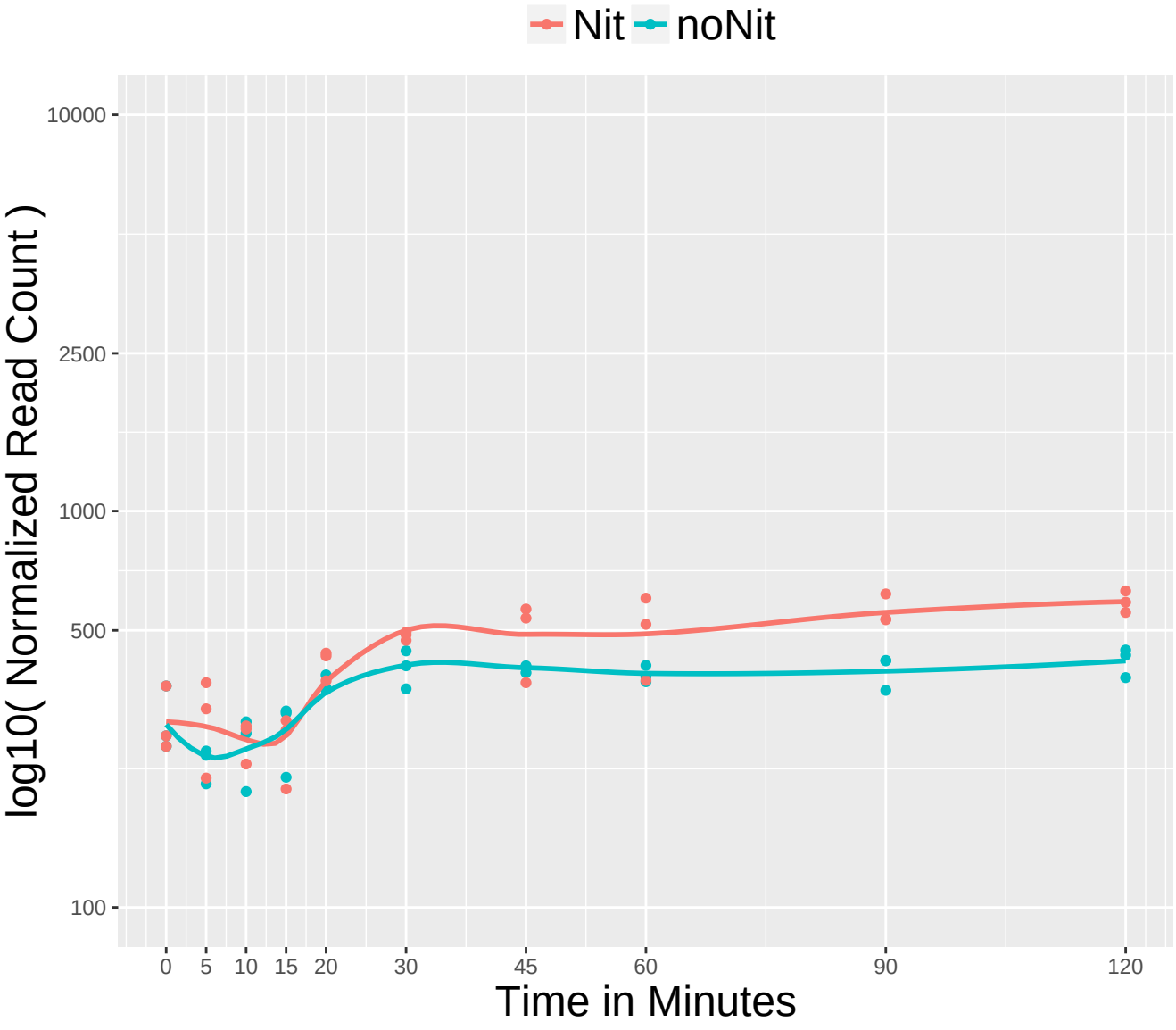

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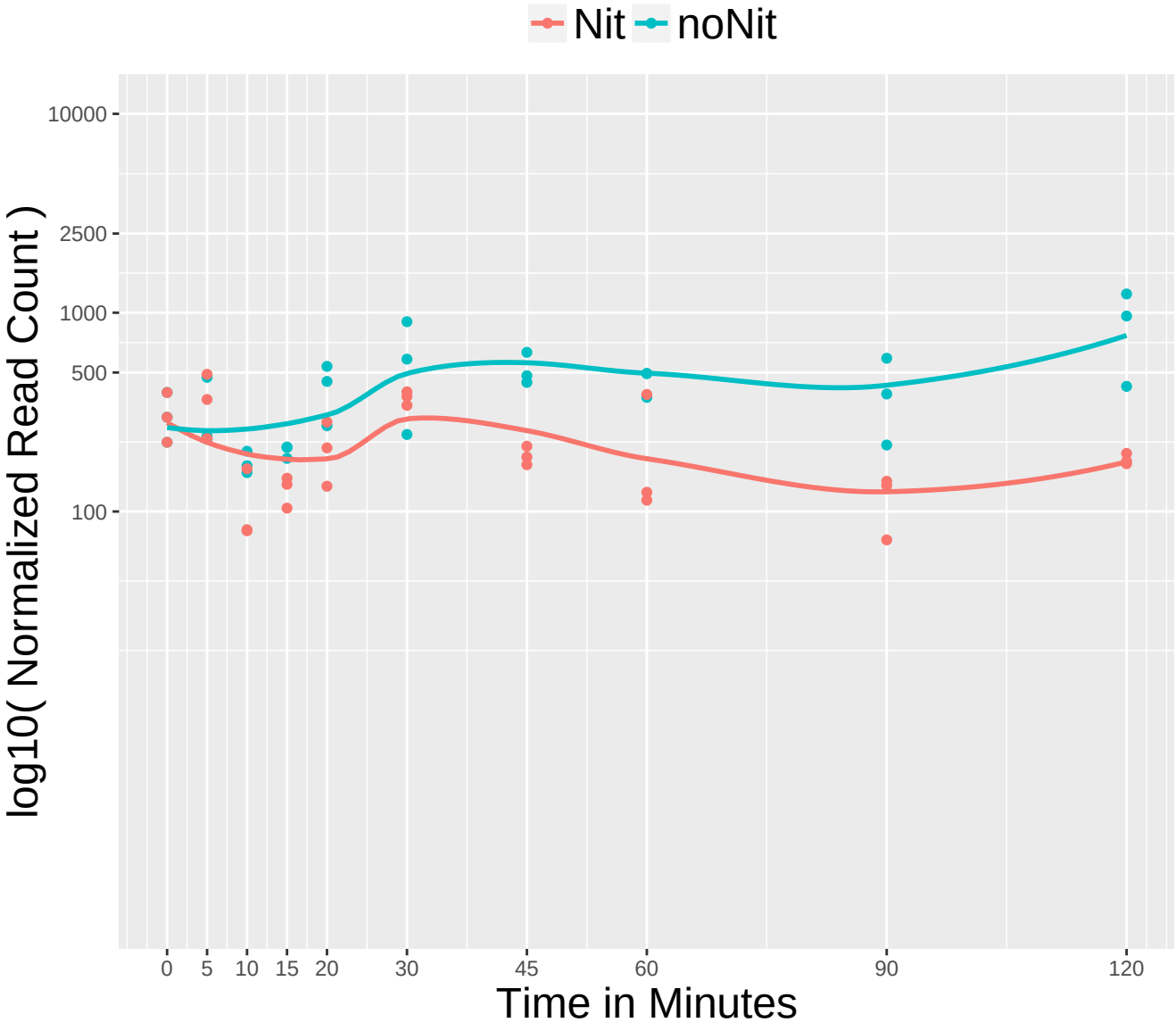

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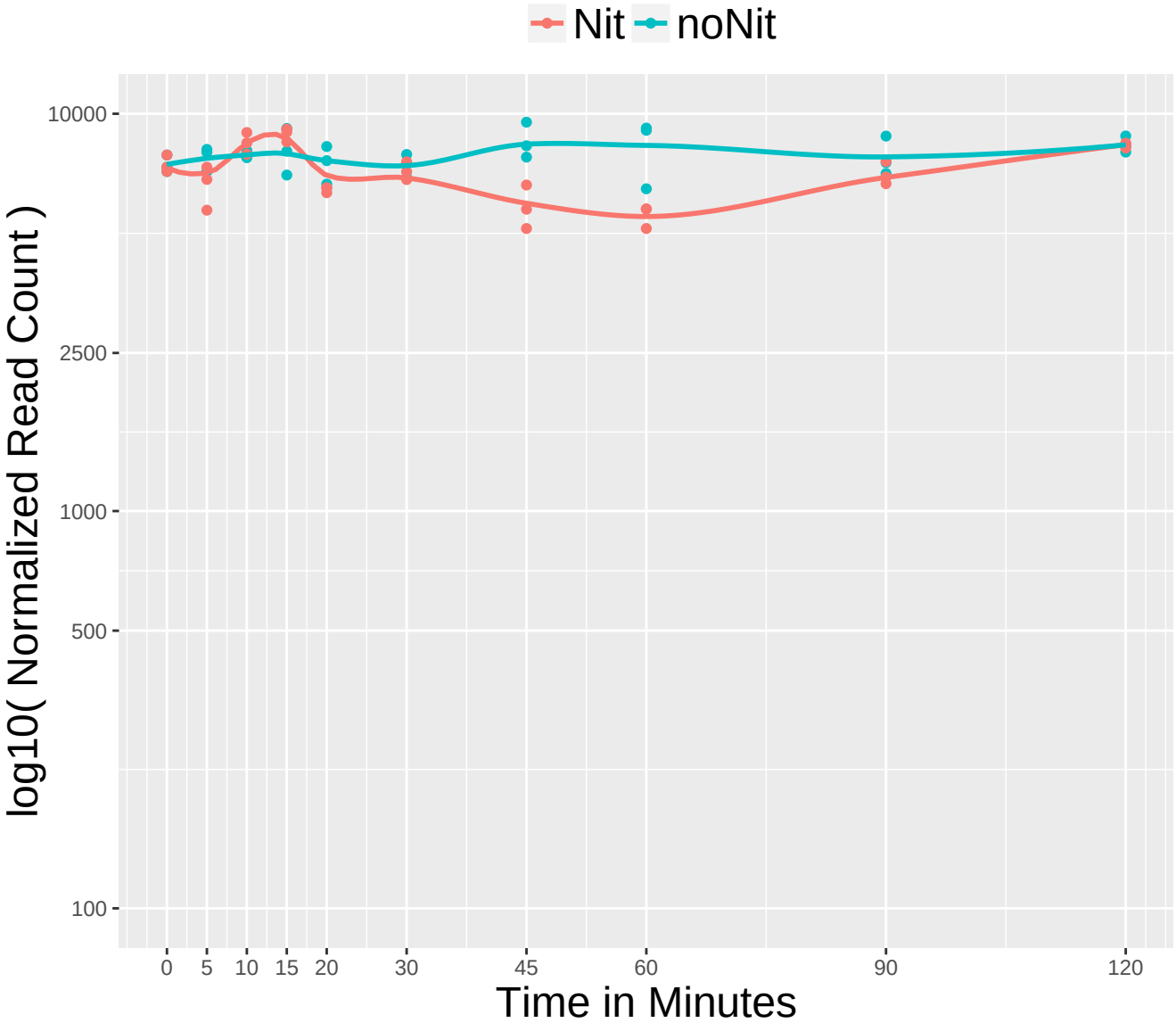
ATHMA4,ARABIDOPSIS



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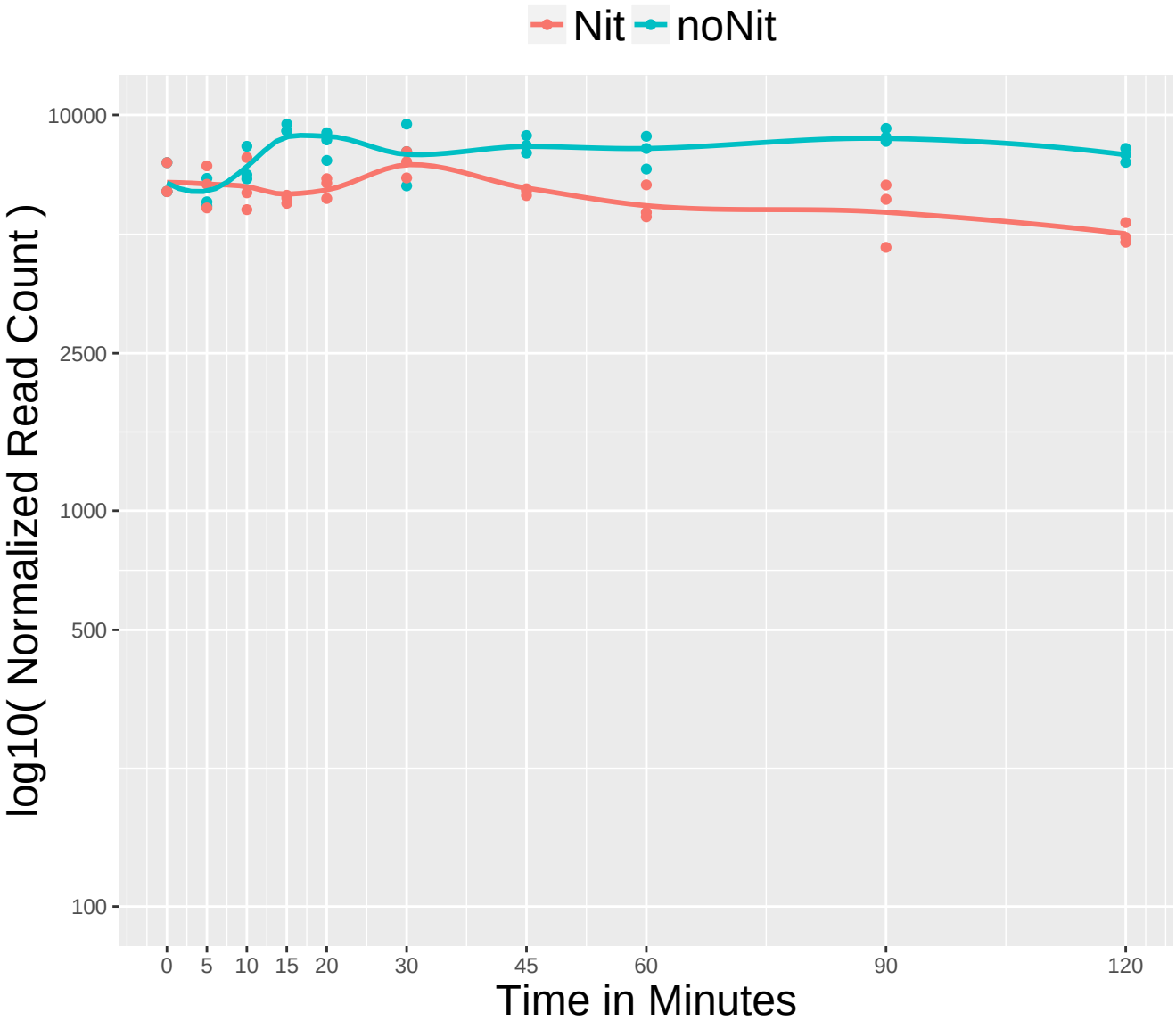
alpha/beta−Hydrolases



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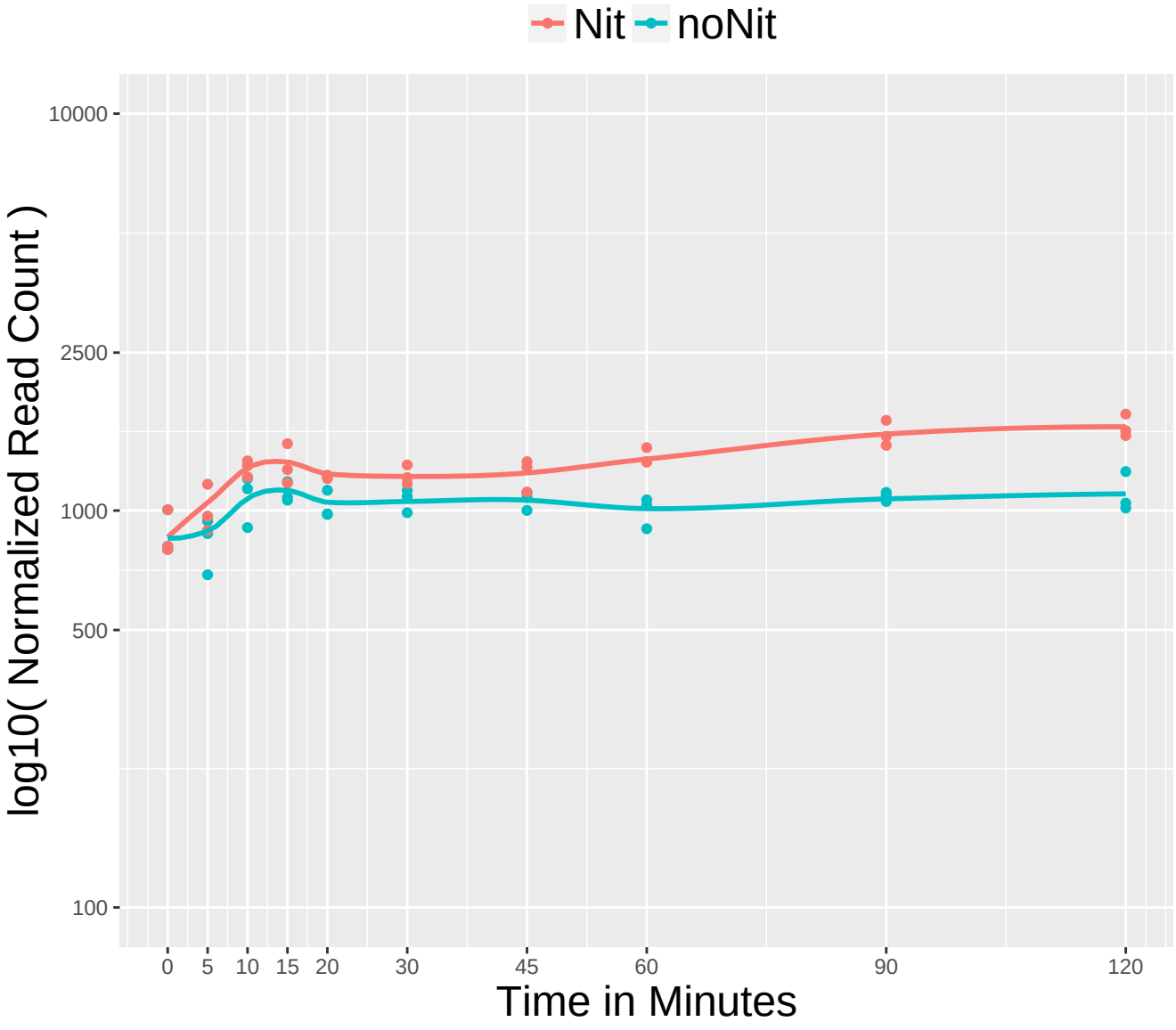
RDO2,REDUCED



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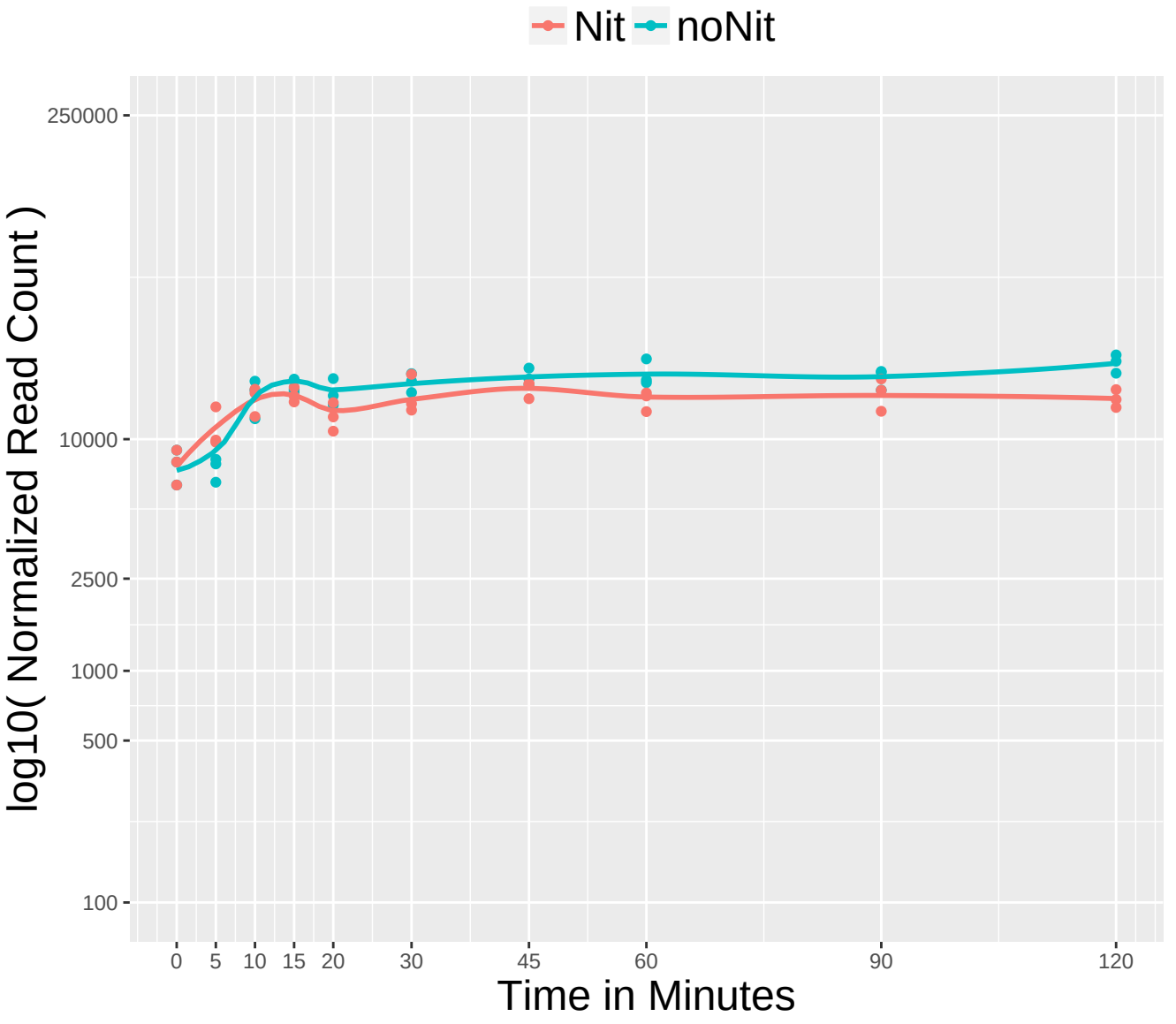
ATRGP1,ARABIDOPSIS



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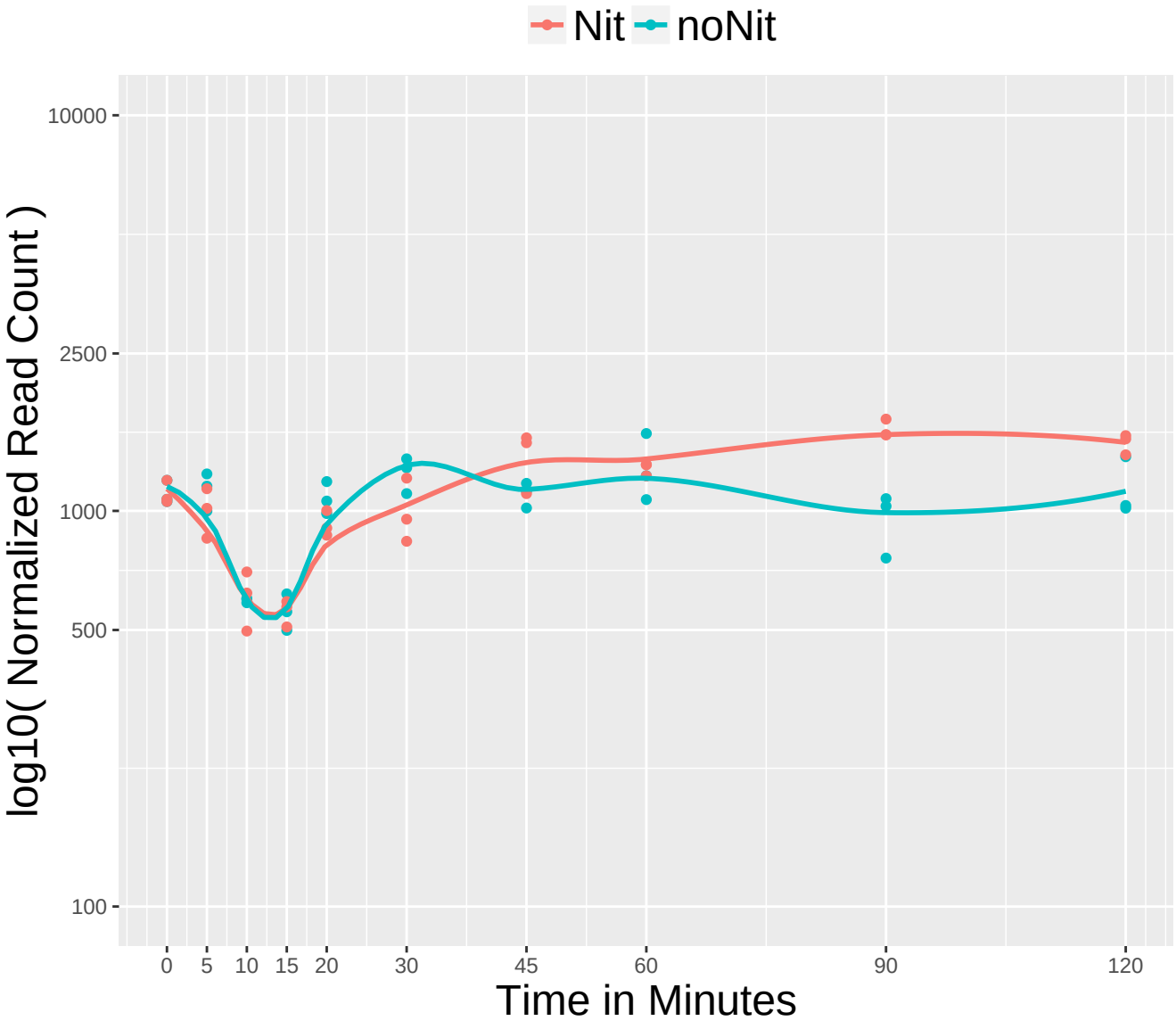
ABCC8,ATP−binding



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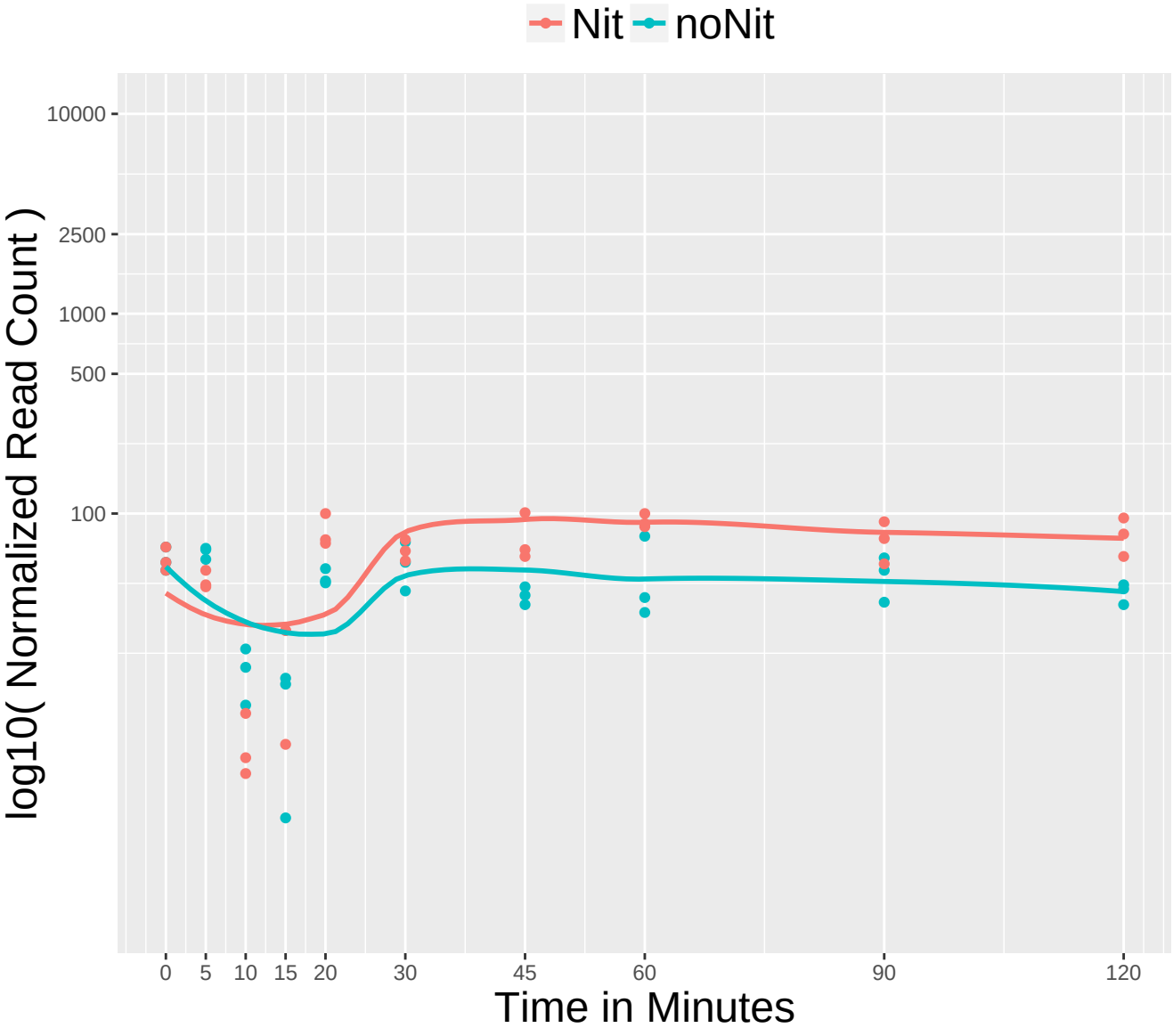
Ribosomal



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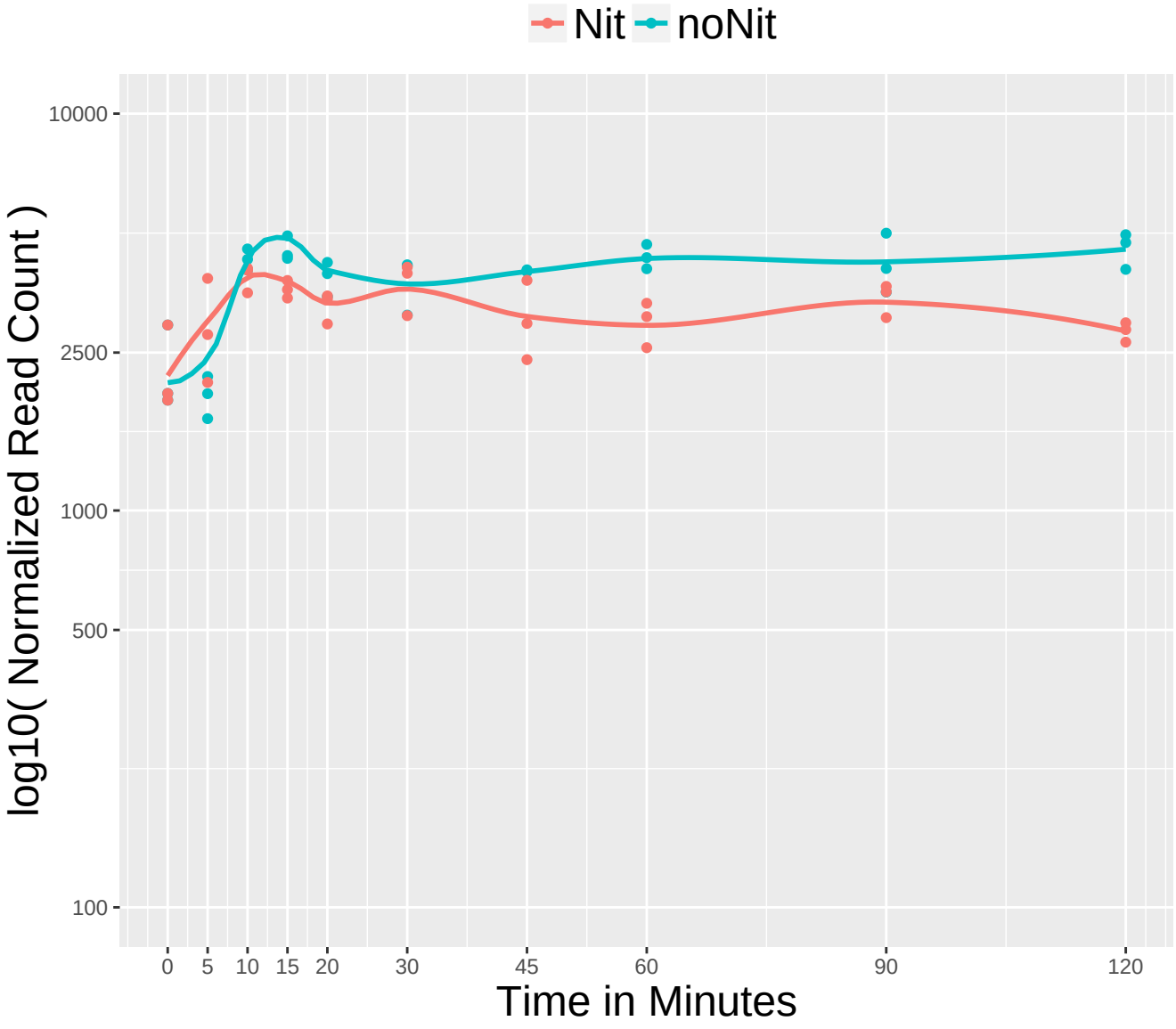
XBAT35,XB3



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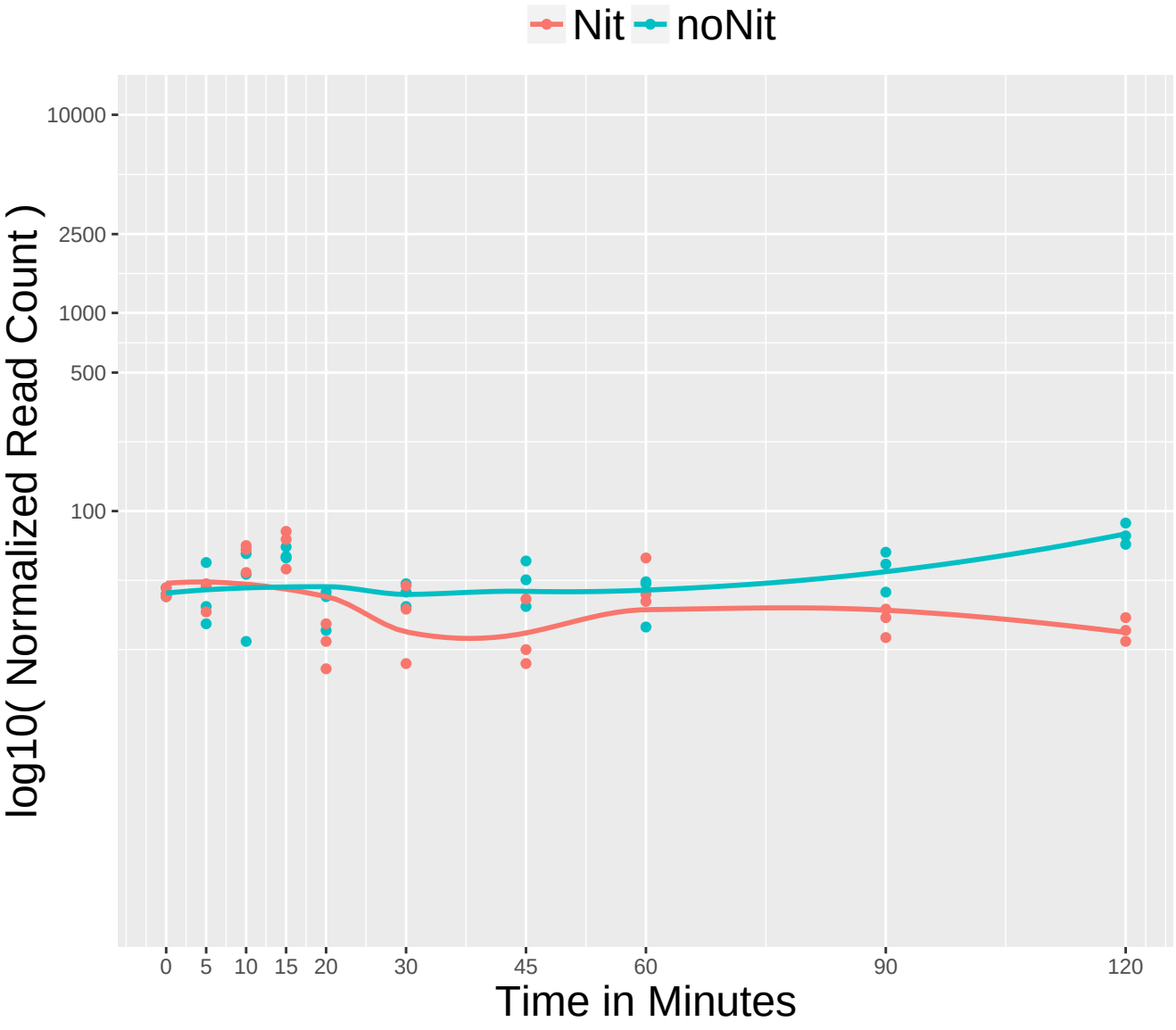
ATP−dependent



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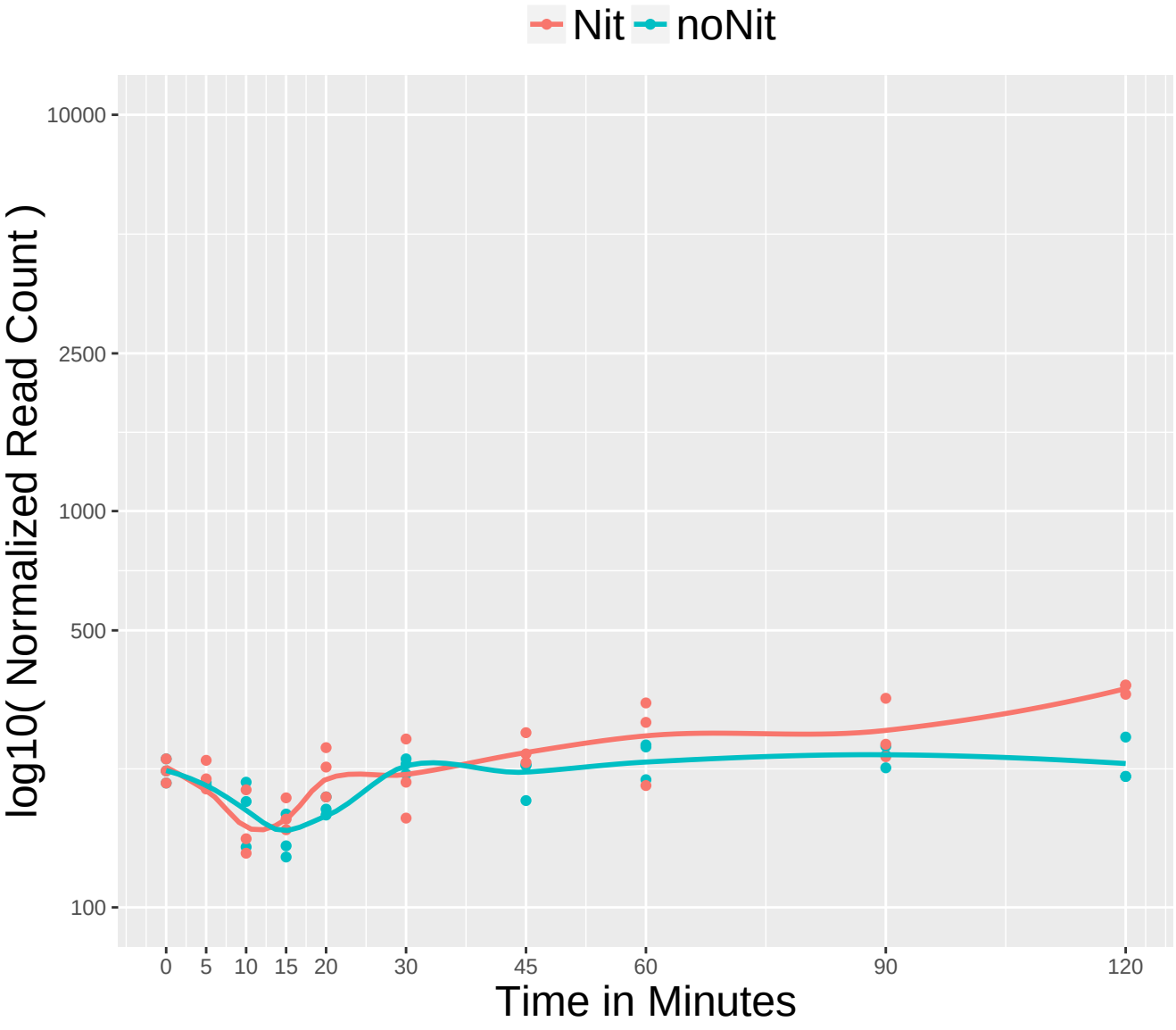

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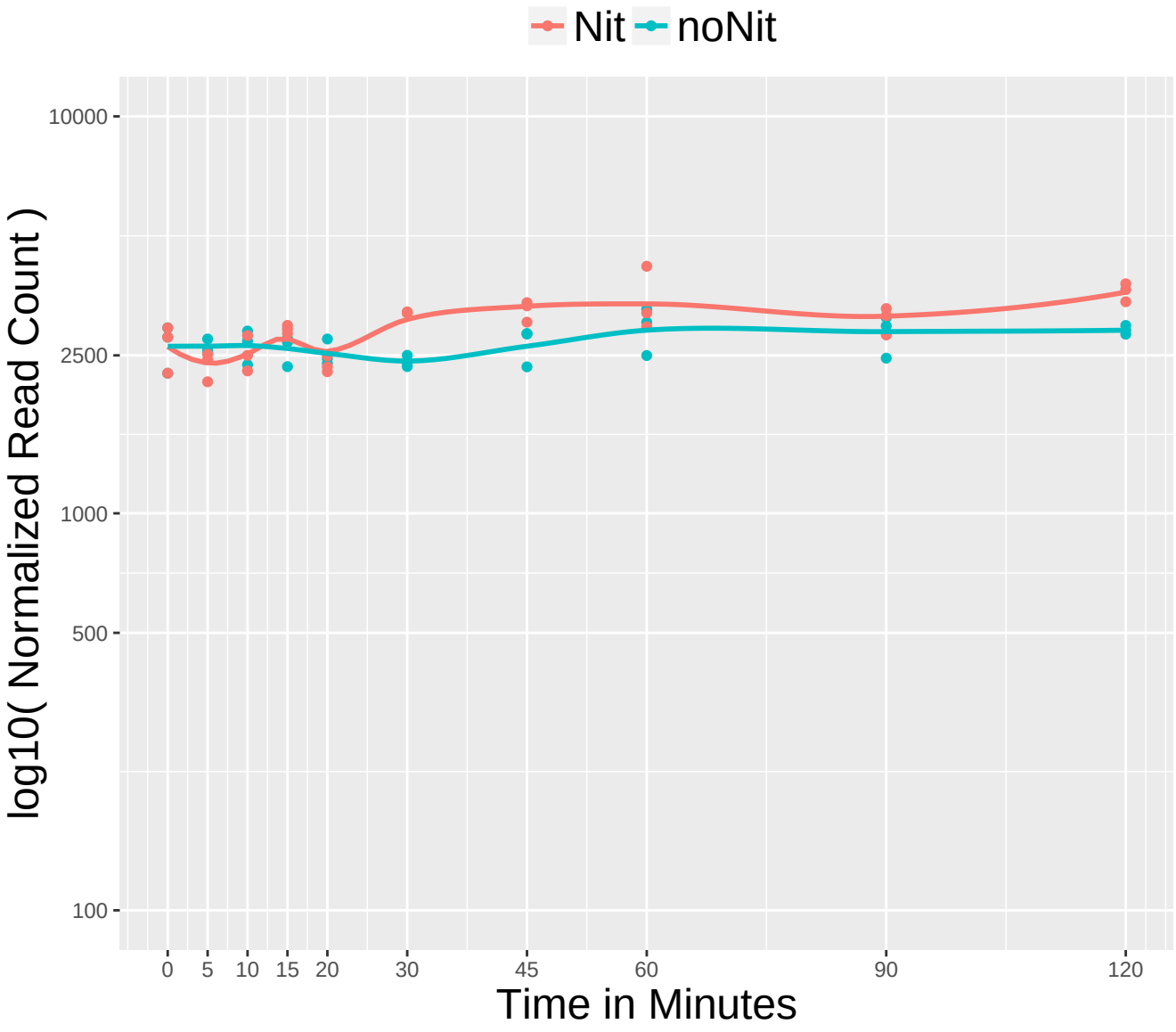

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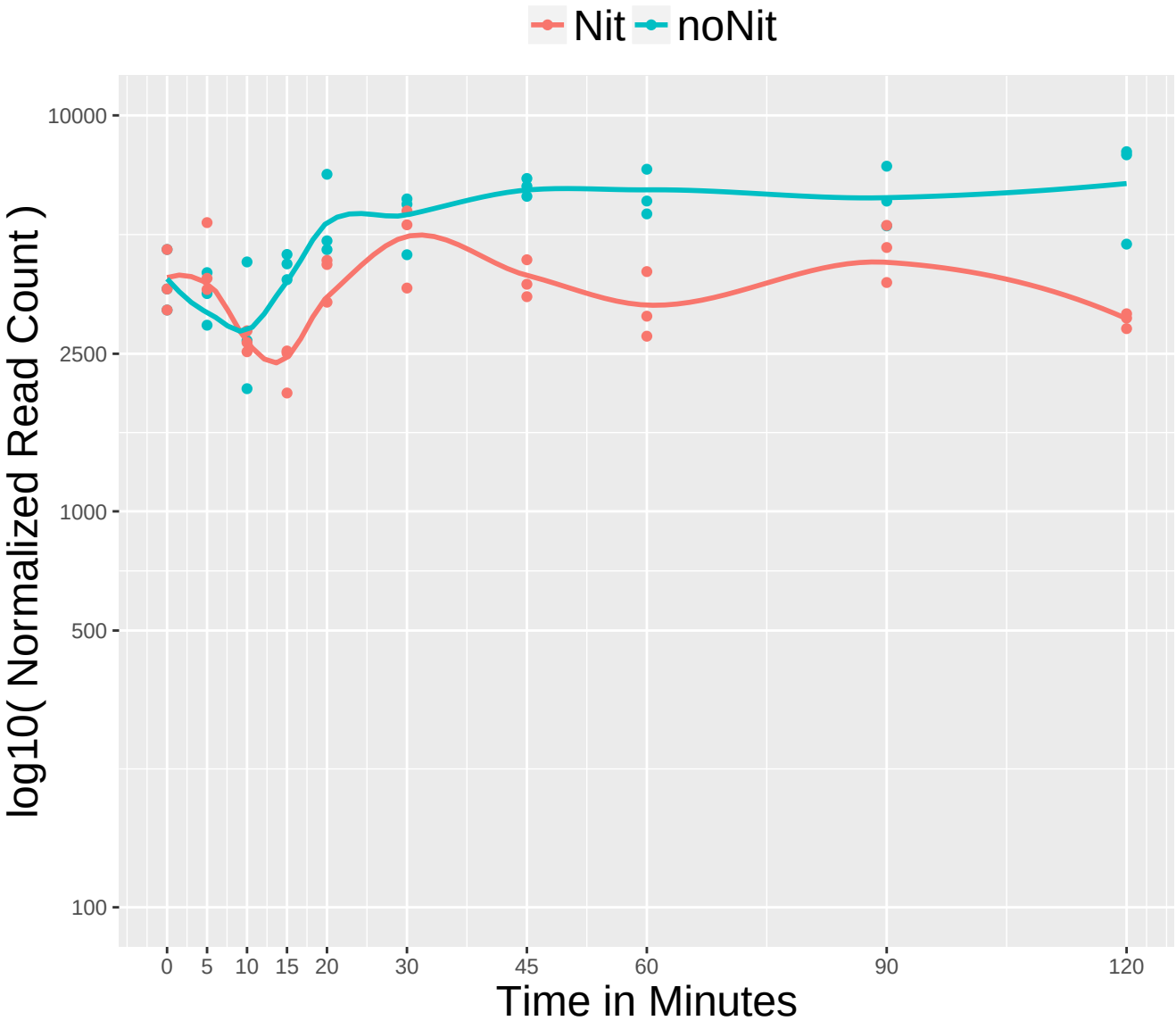
BP80−3;1,binding



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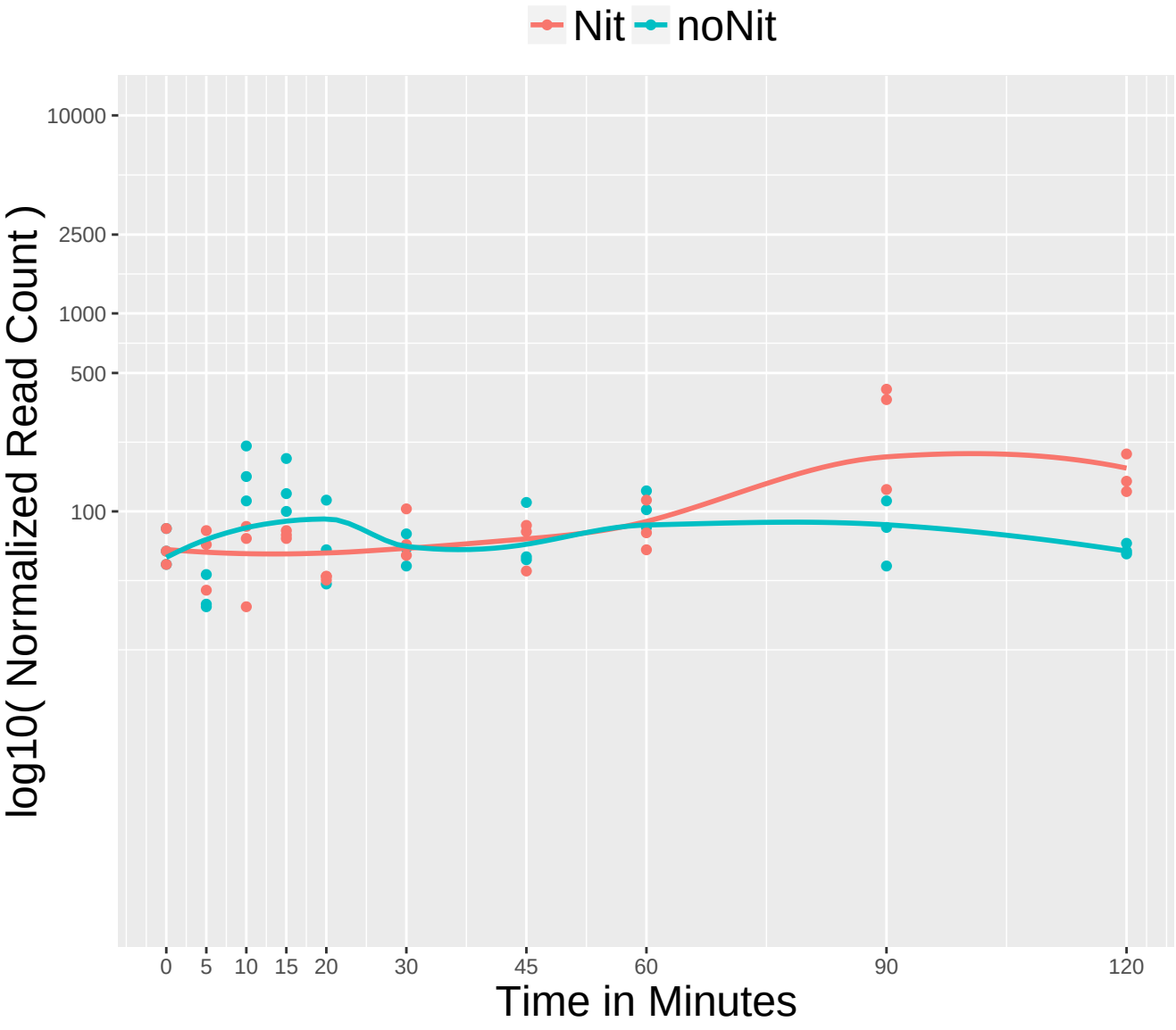
FAD−binding



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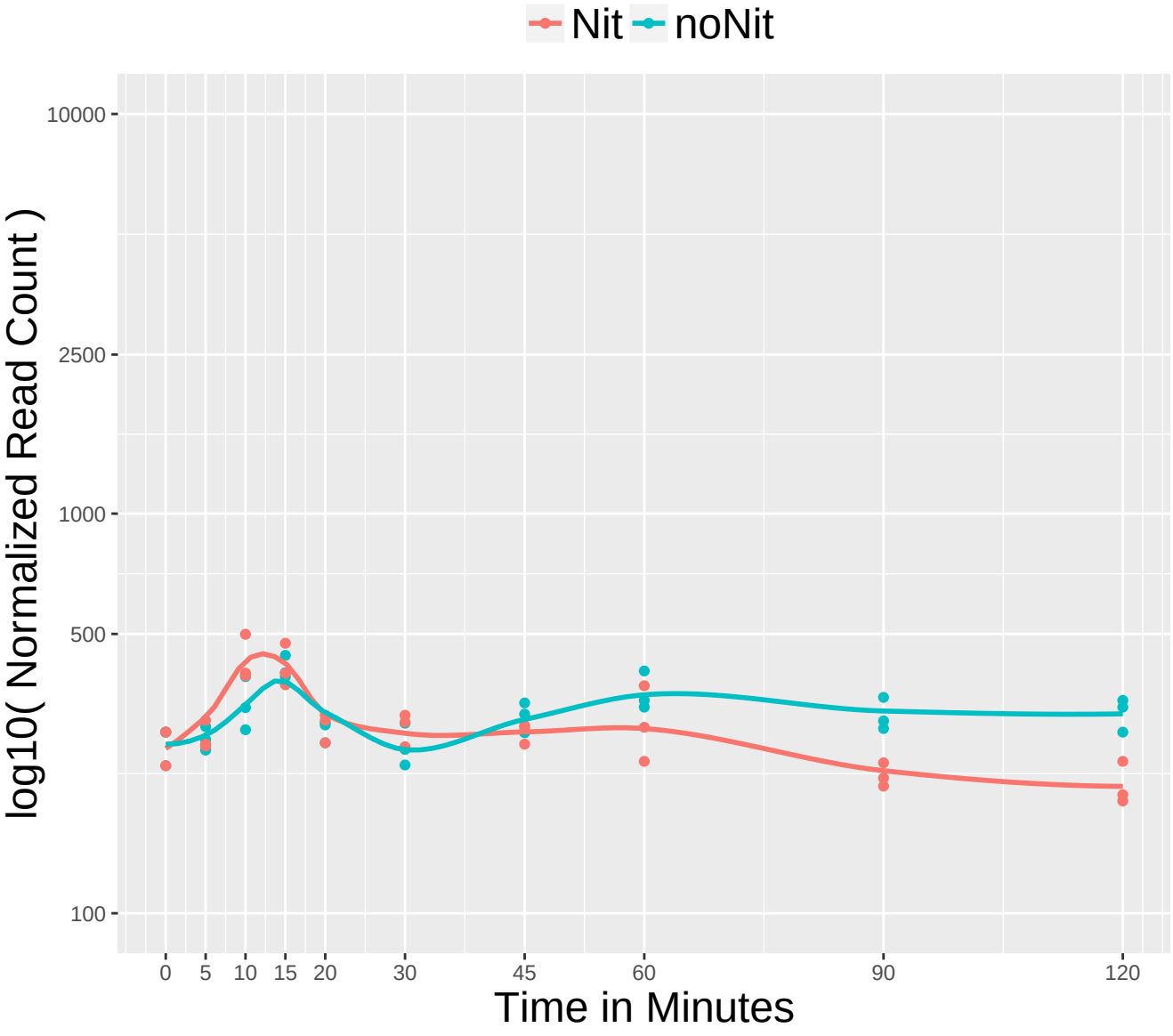
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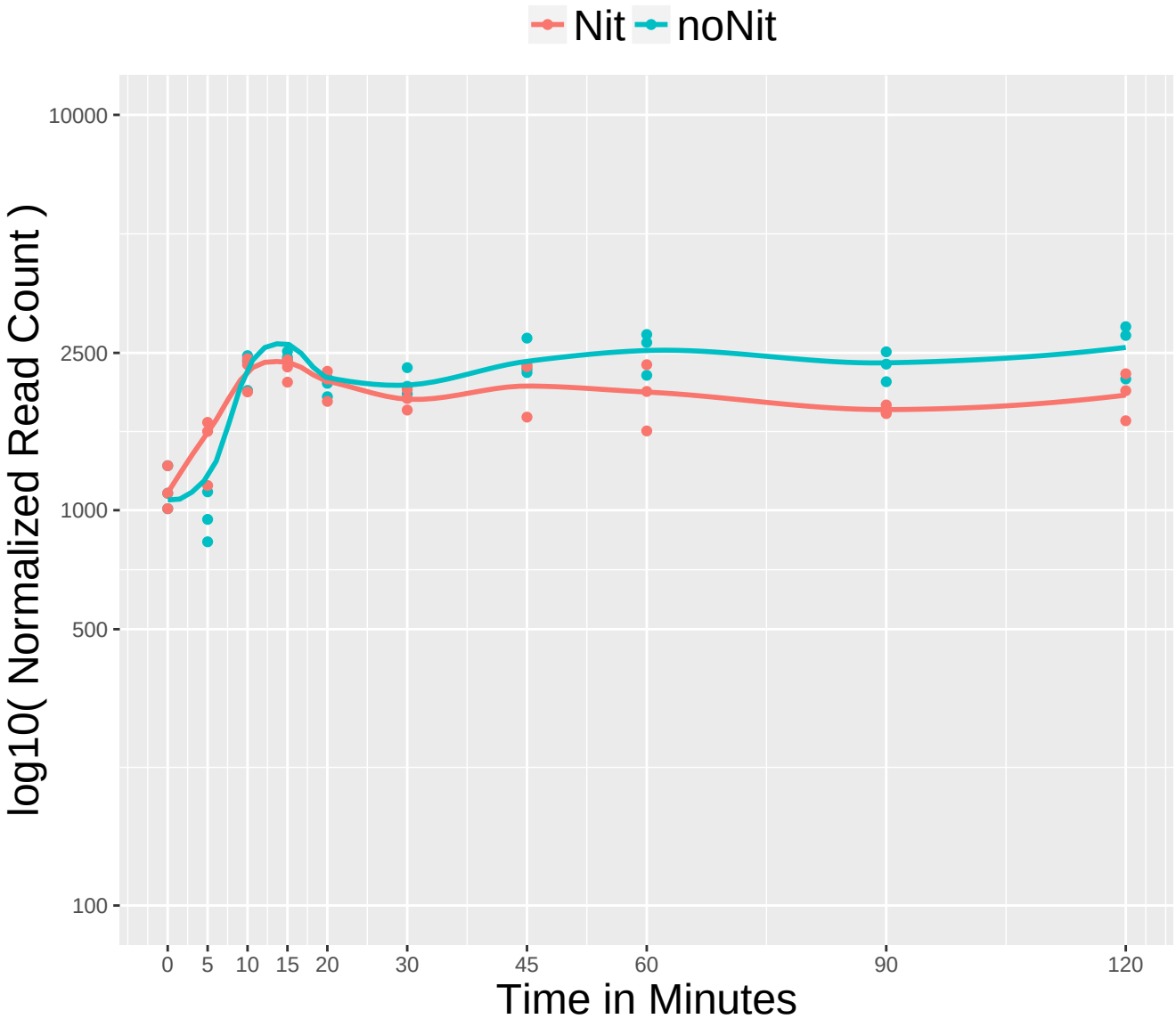
AT5G12850

CCCH−type



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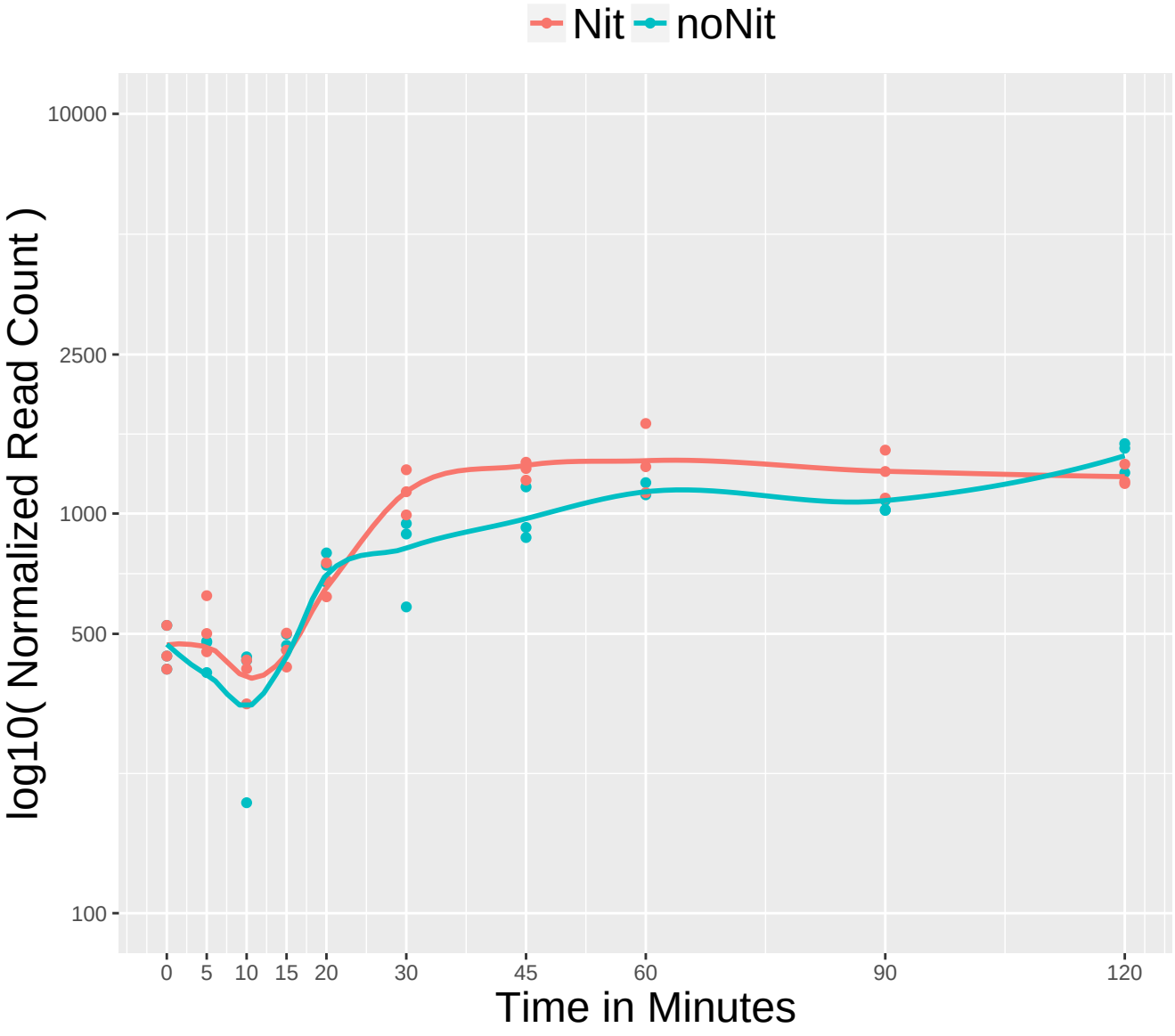

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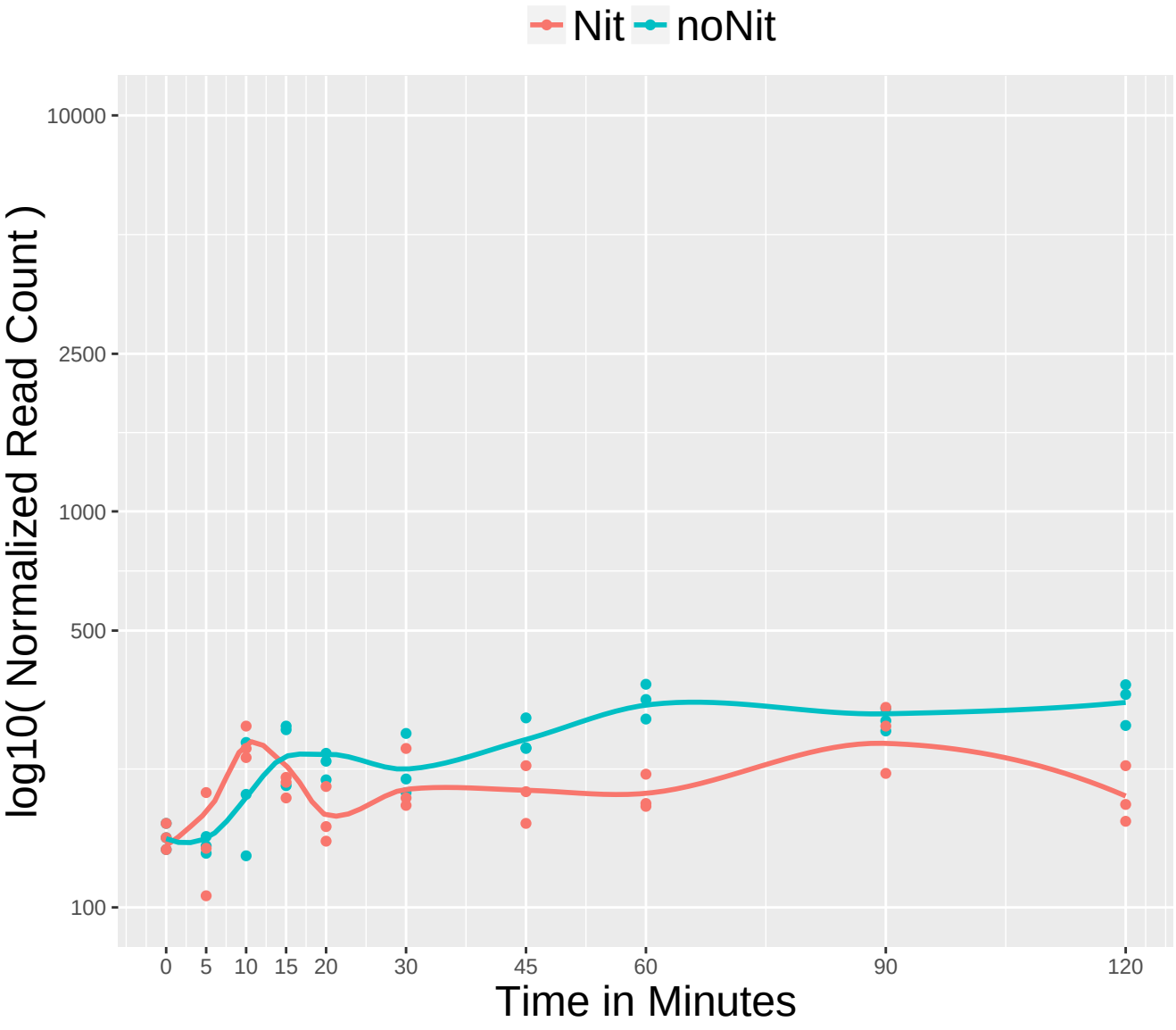

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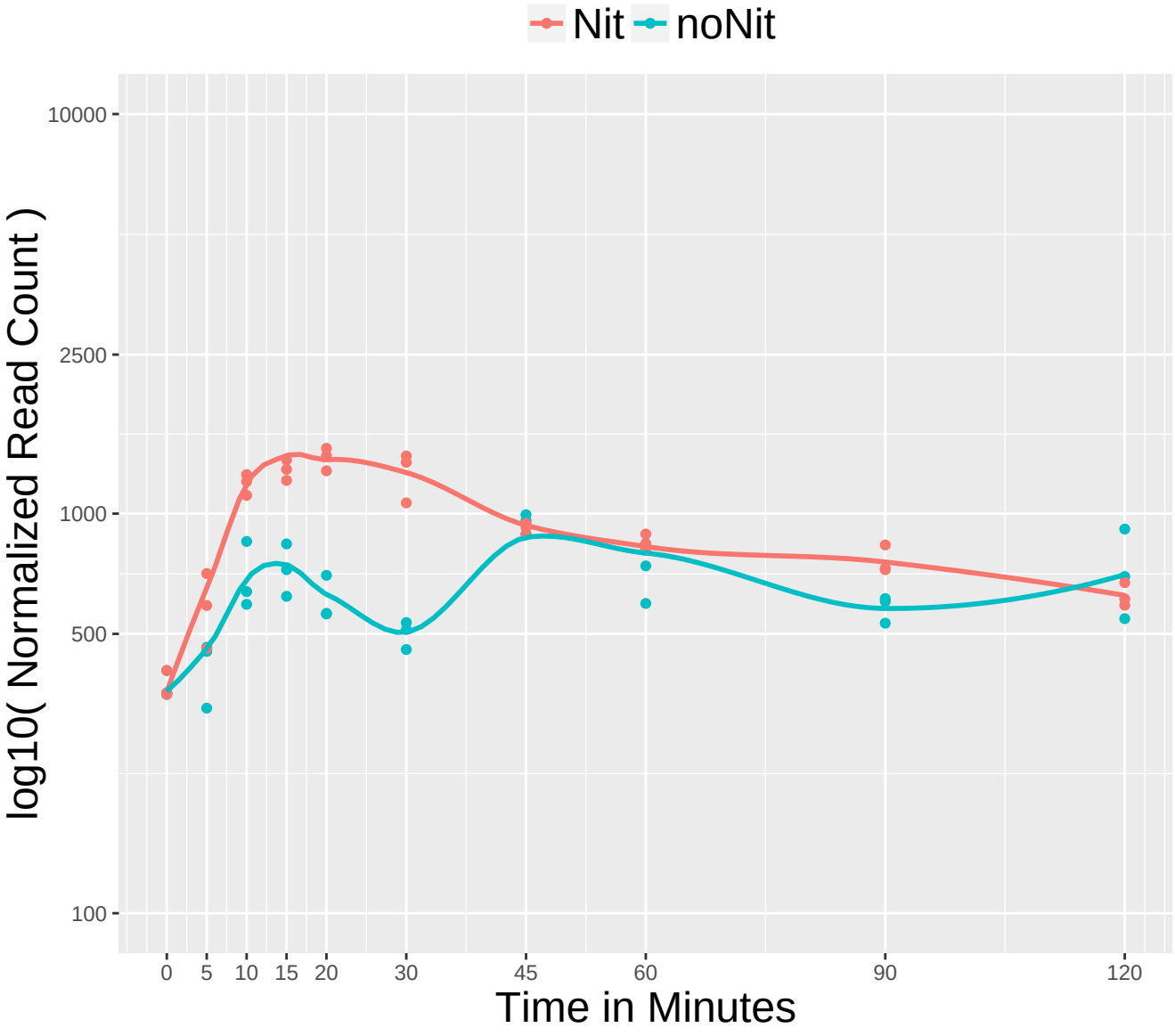

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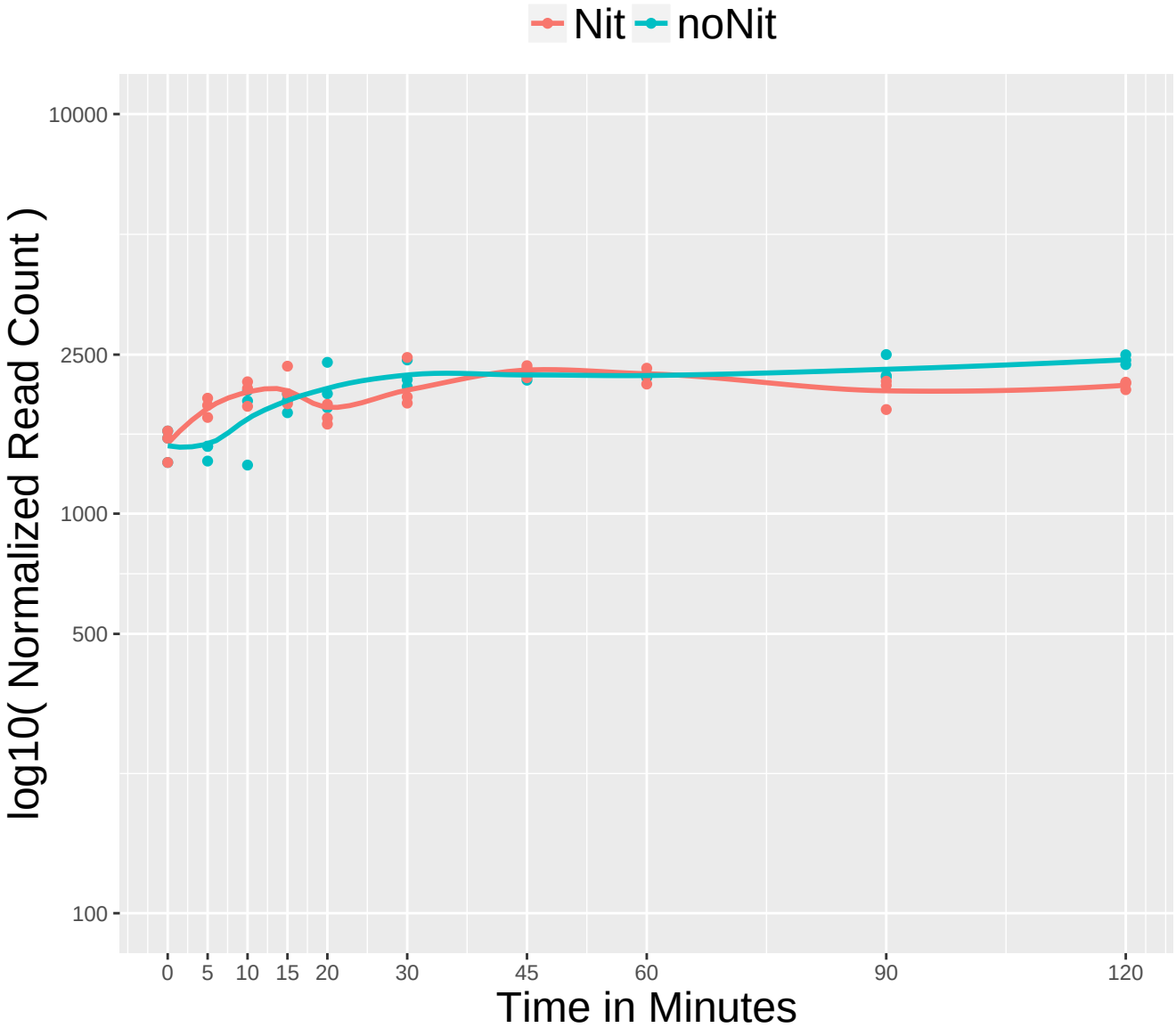

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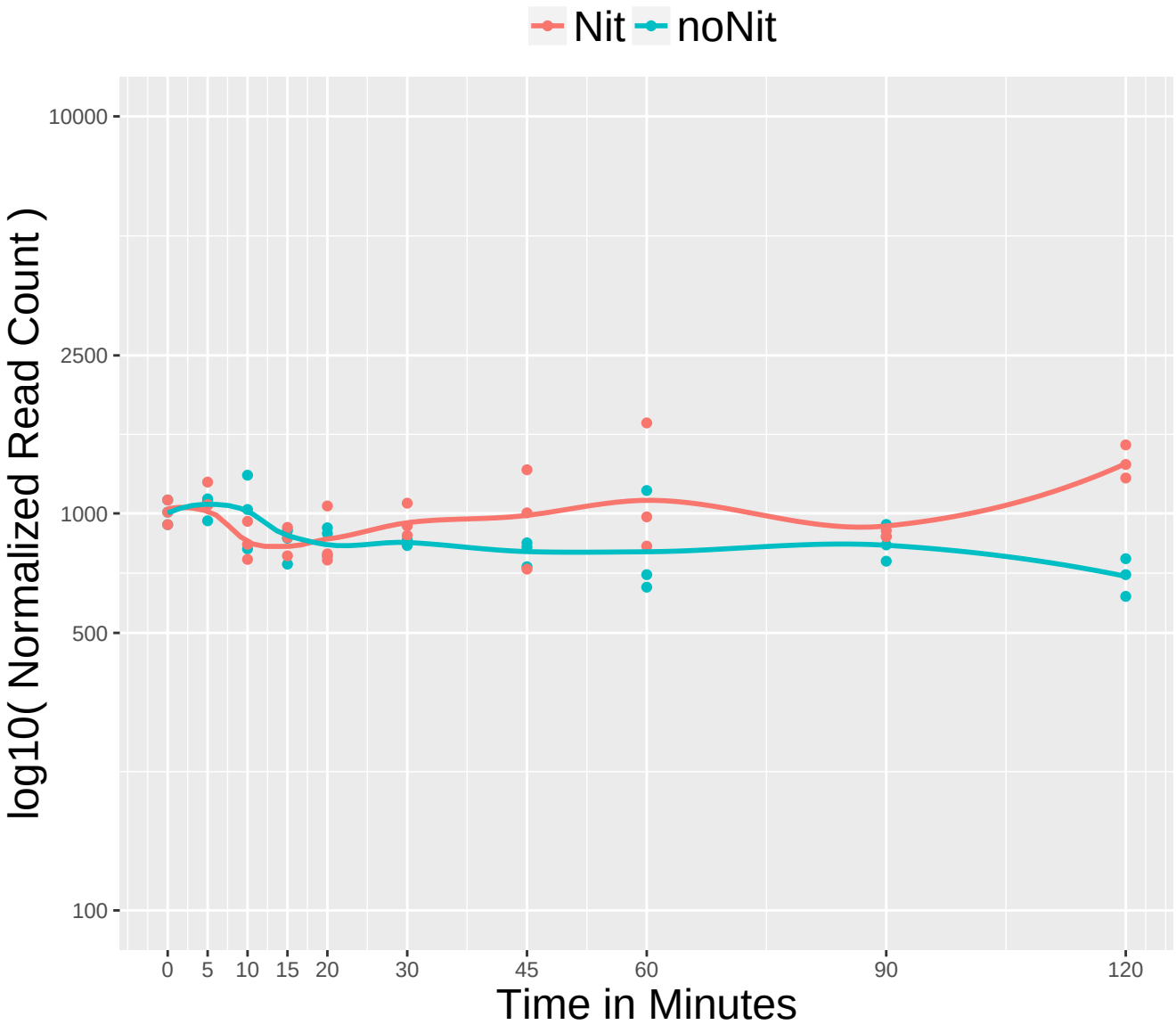
SNS1,SnRK2−substrate



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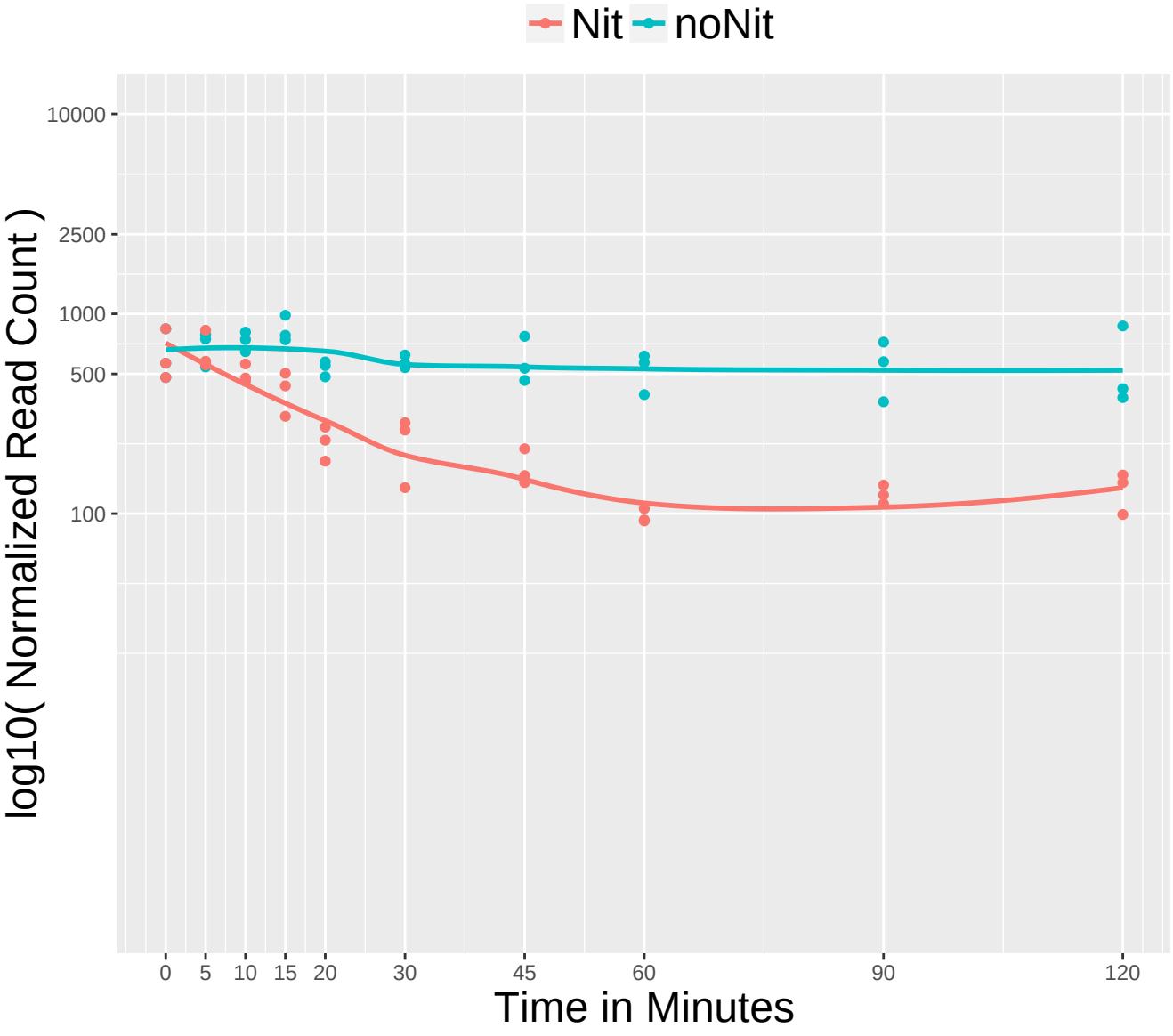
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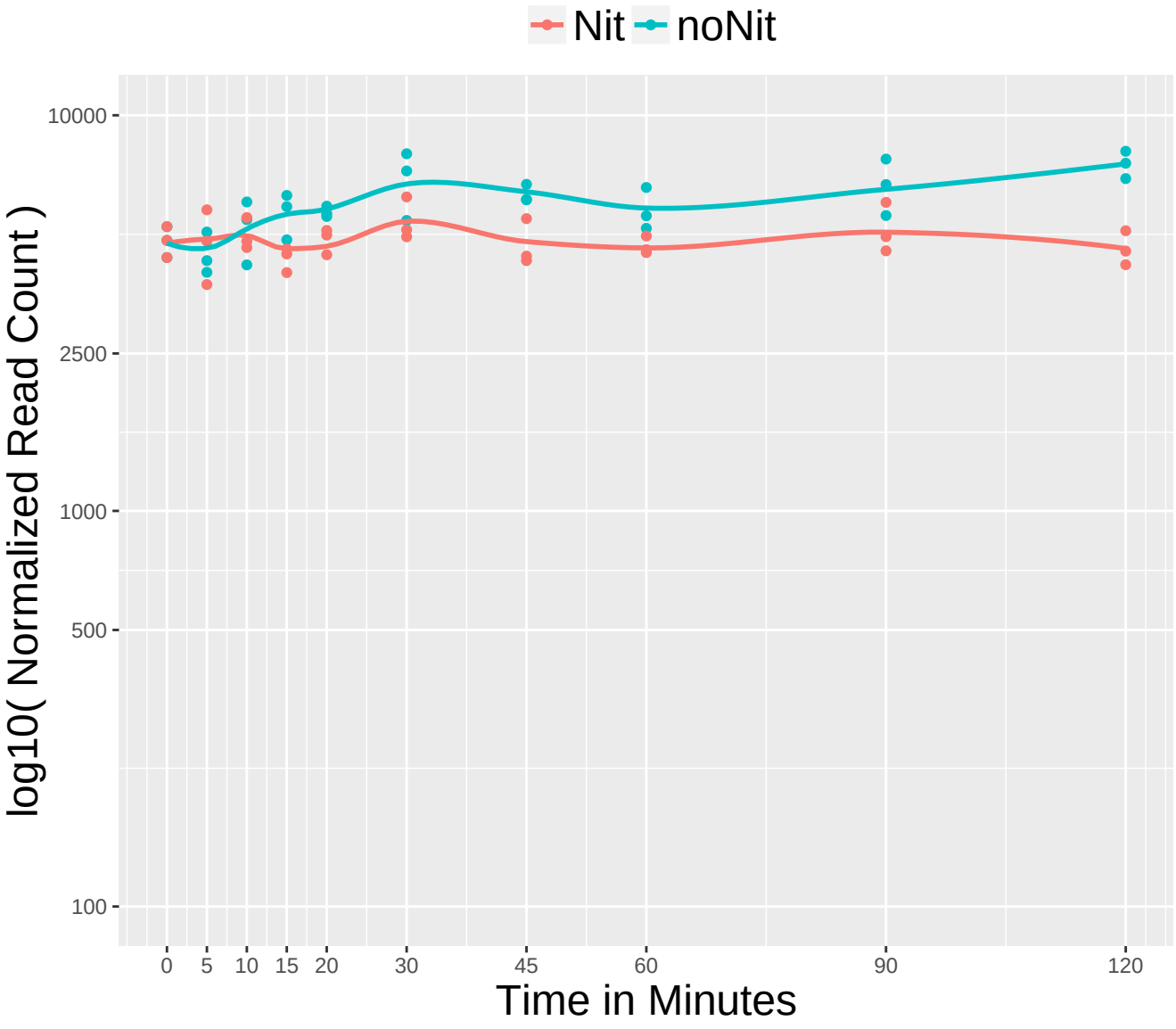
GAD2,glutamate



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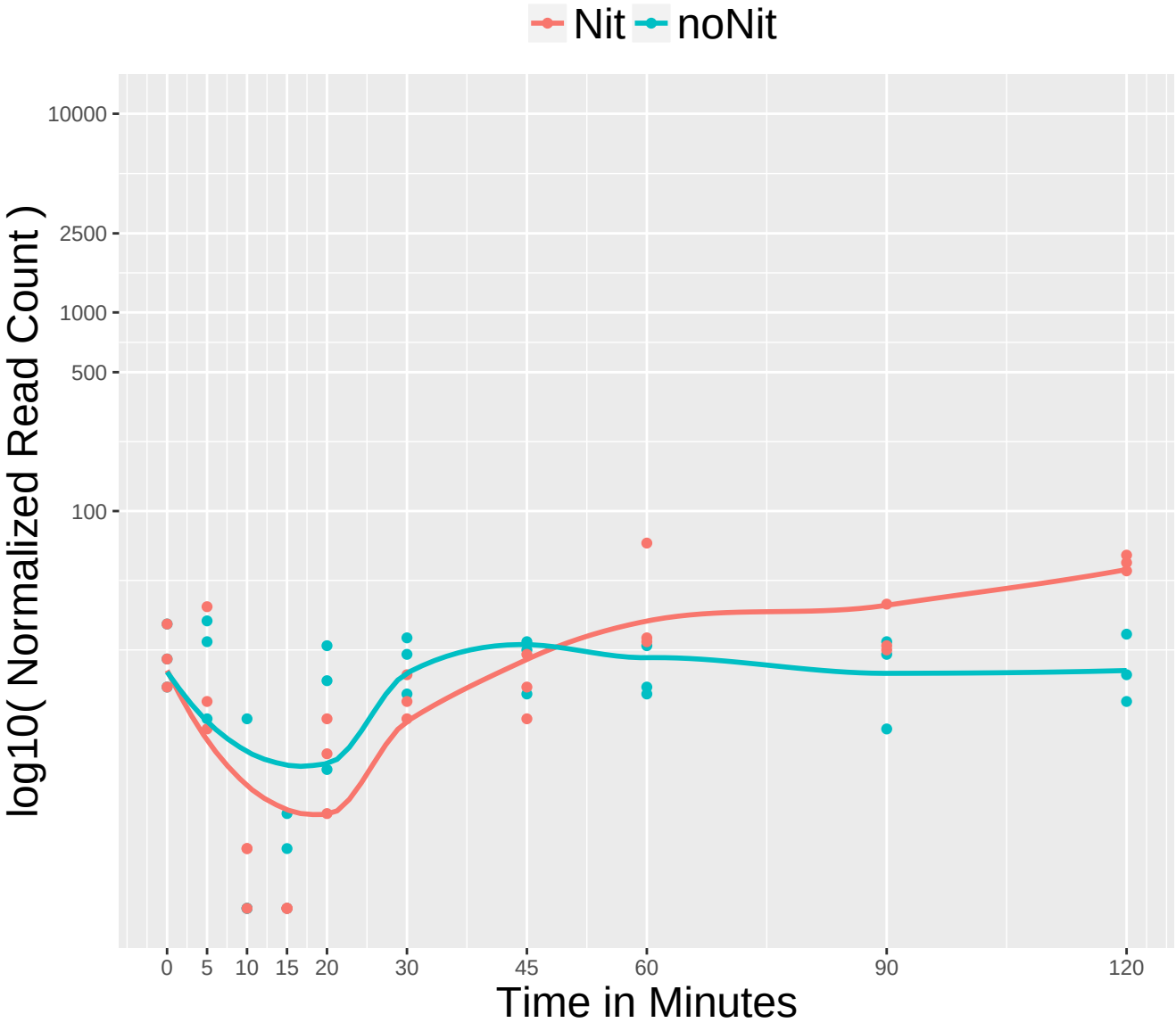
MIR775A,microRNA775A



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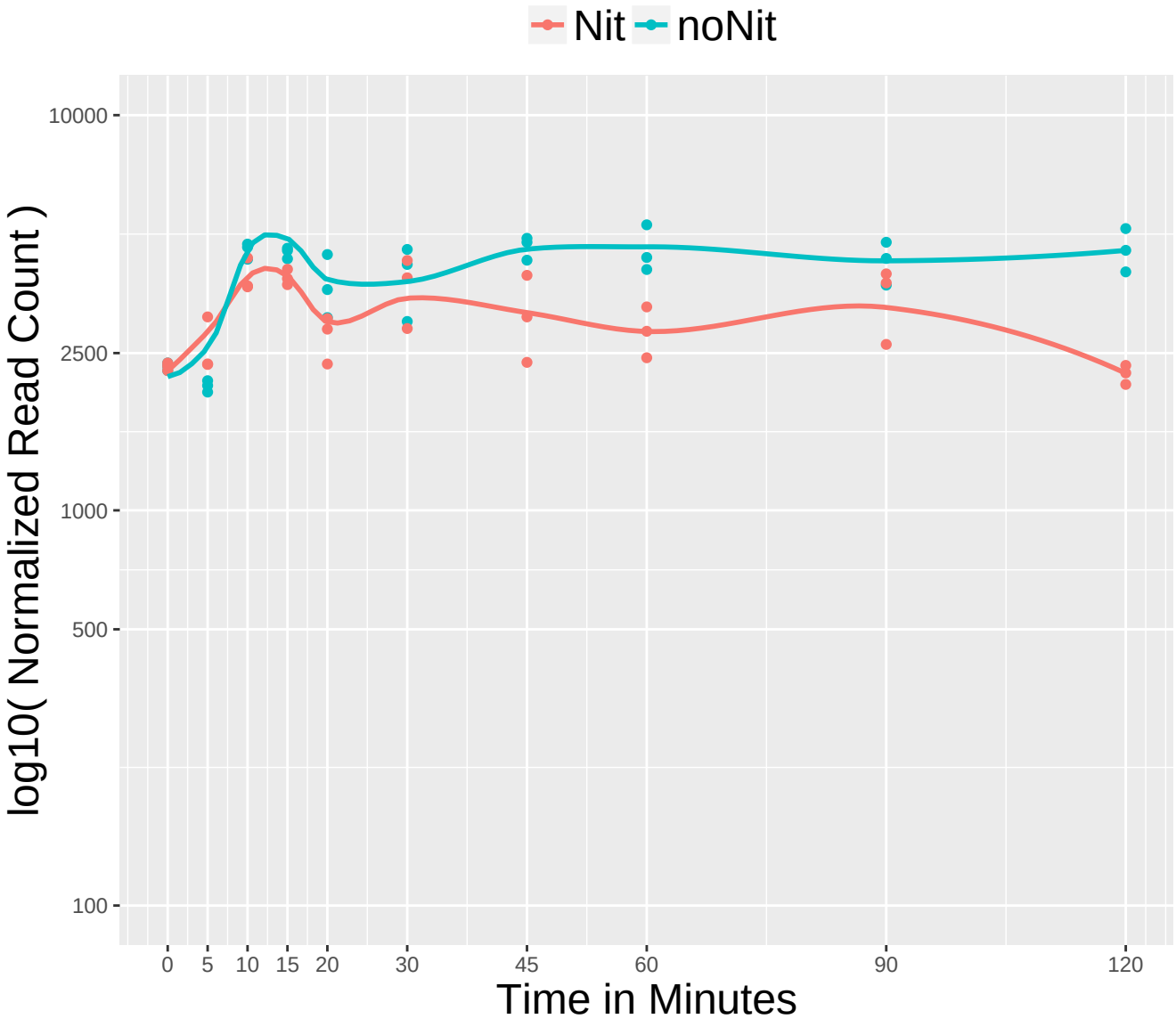
LACS8,long−chain



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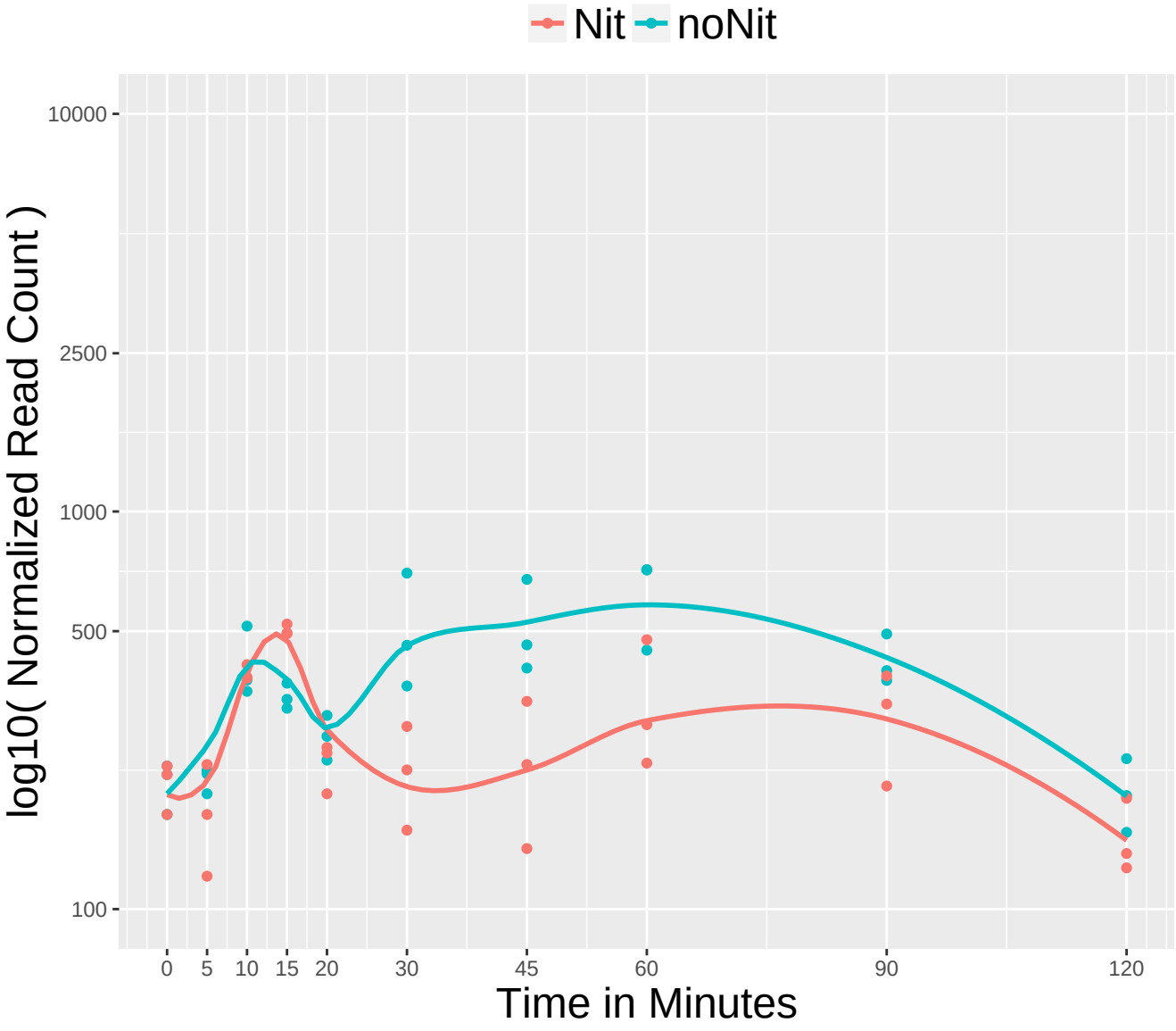
ATHSFA2,heat



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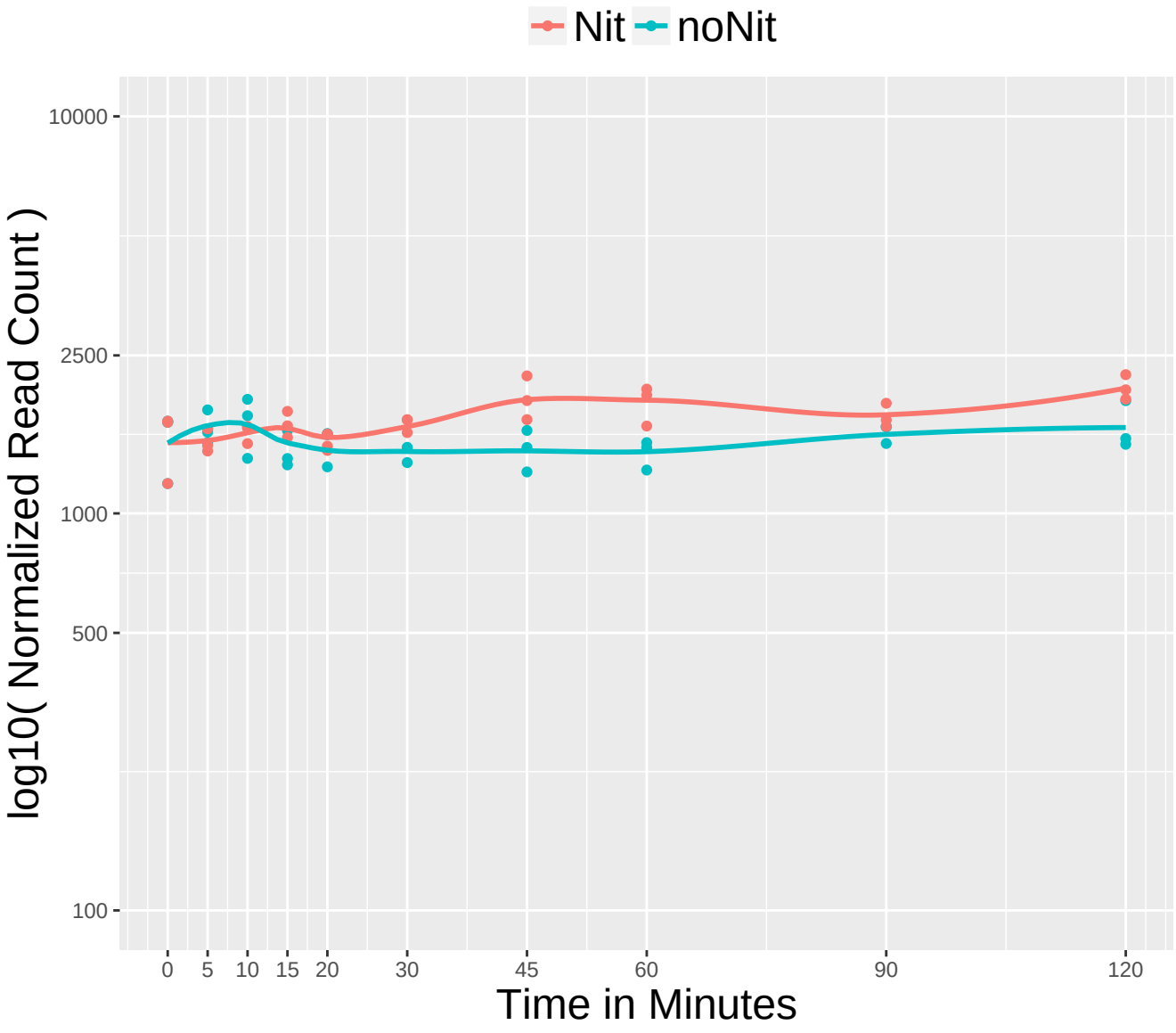
TOM20−3,translocase



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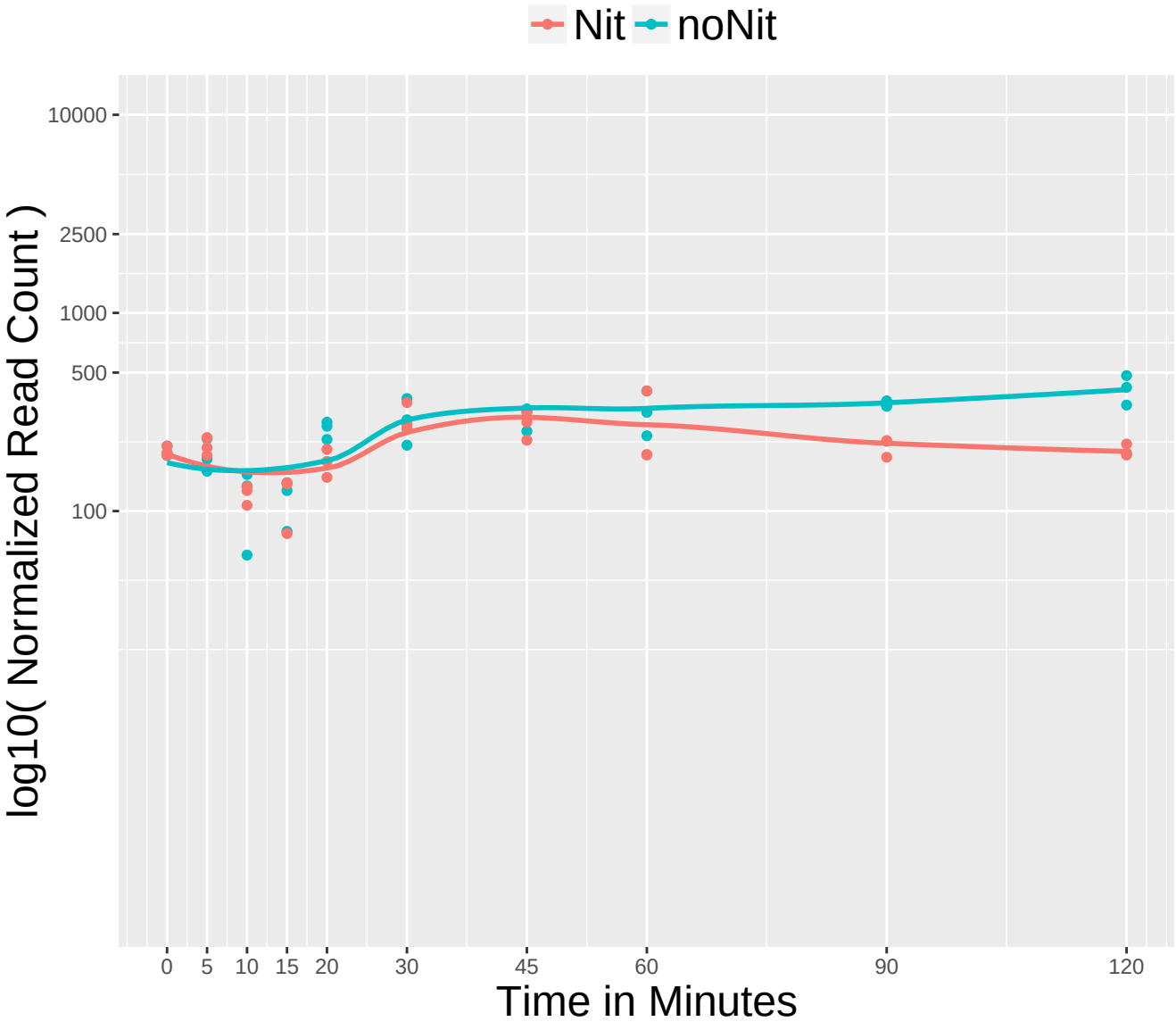

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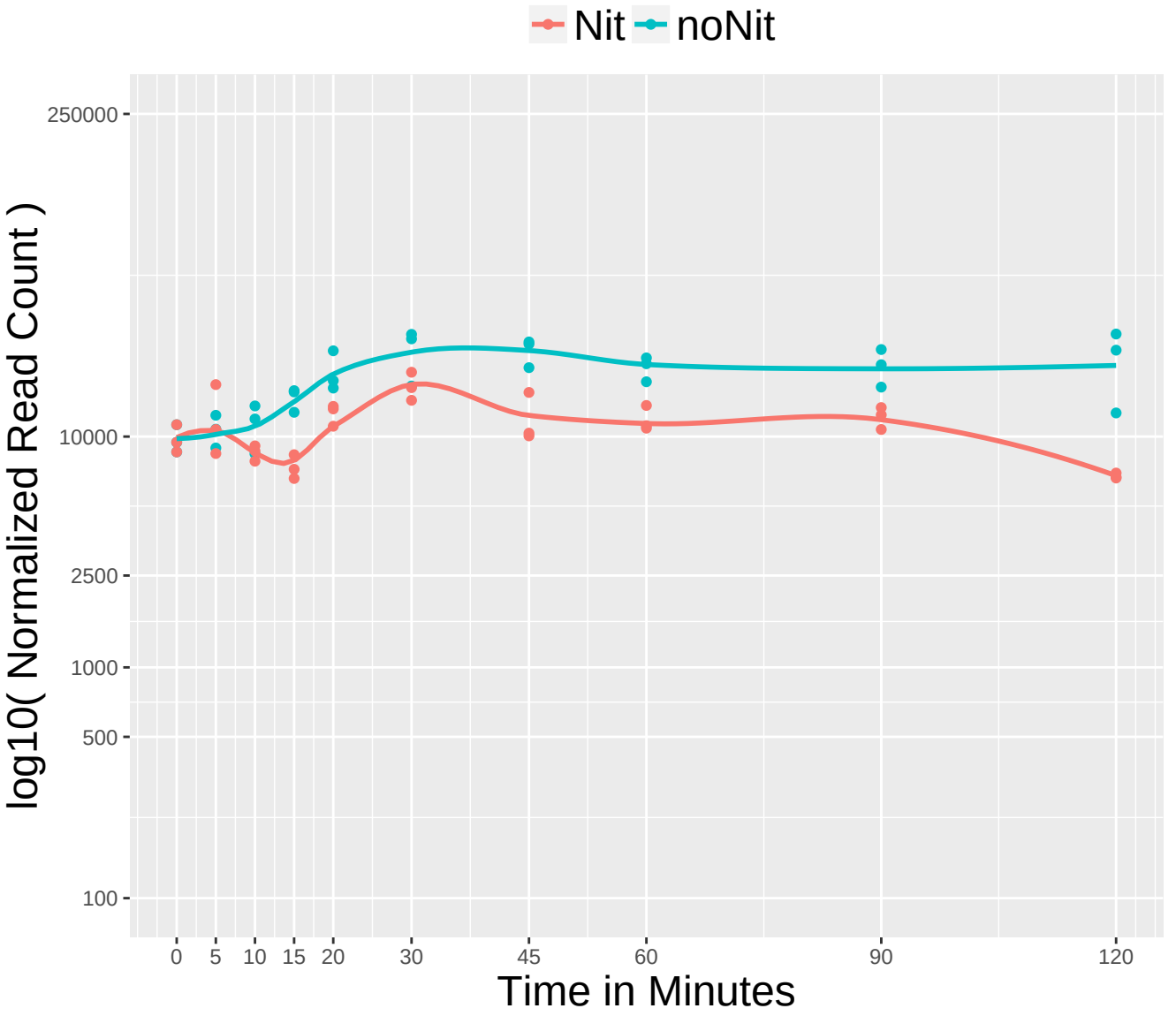

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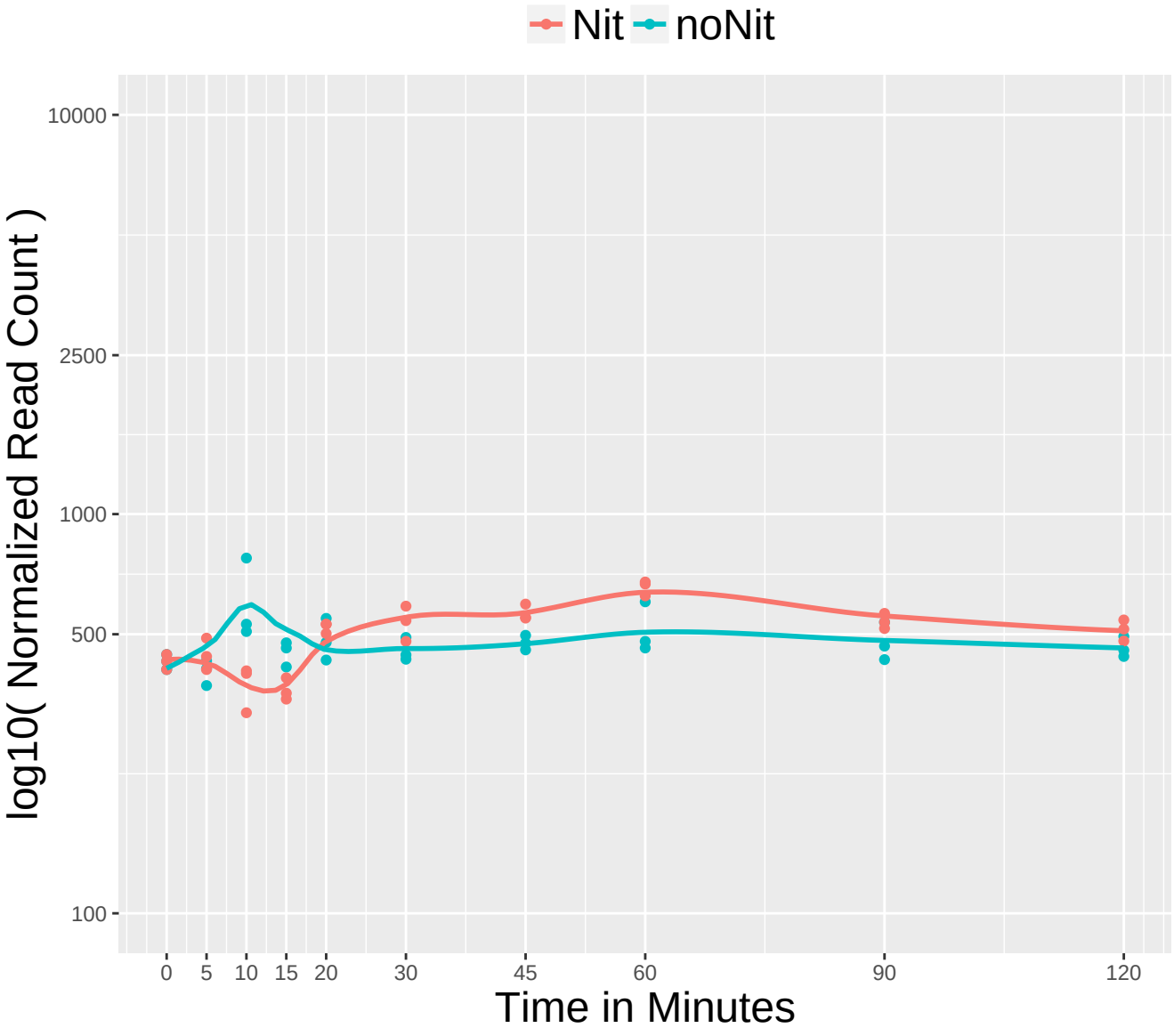

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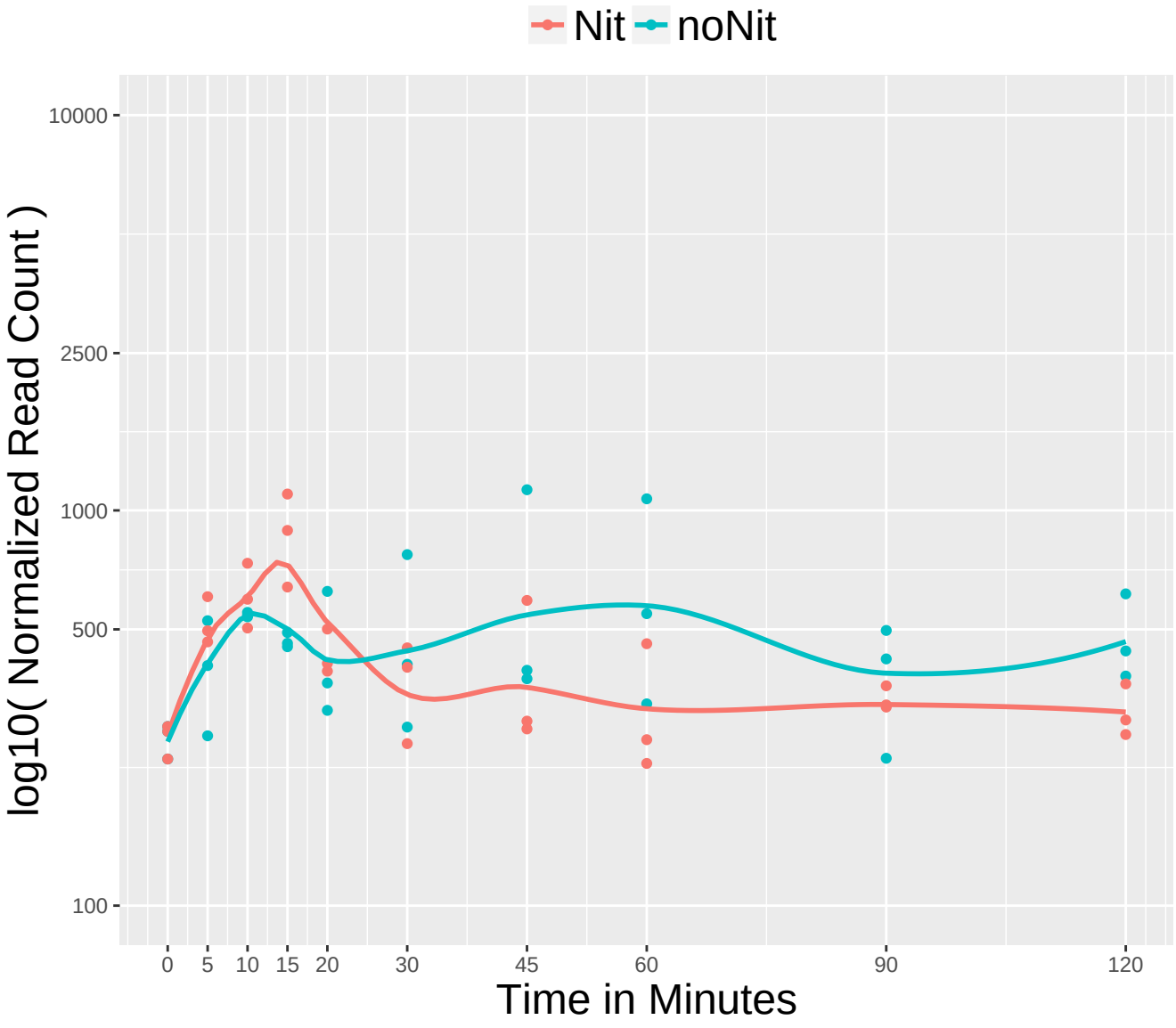
LHCB5,light



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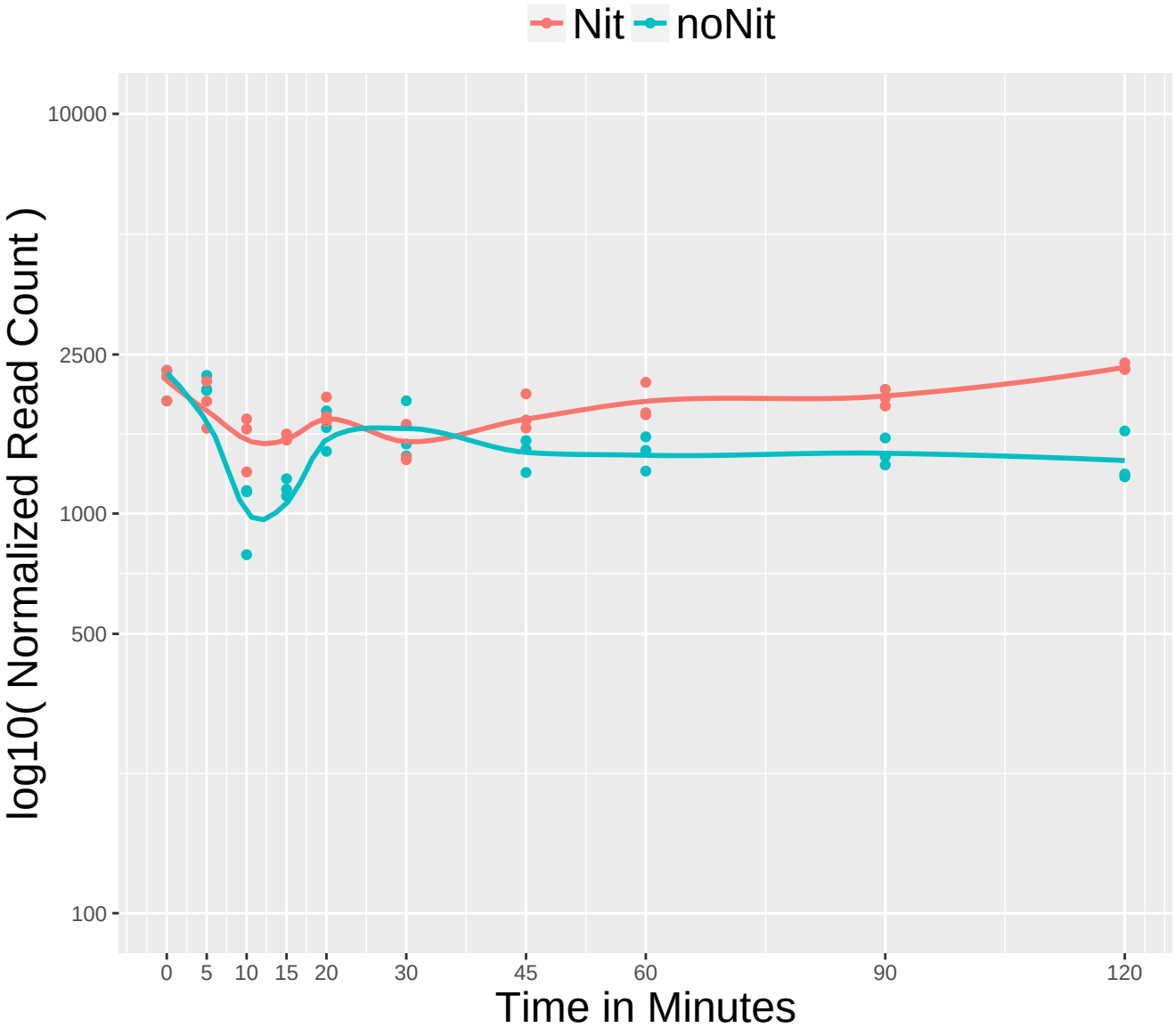

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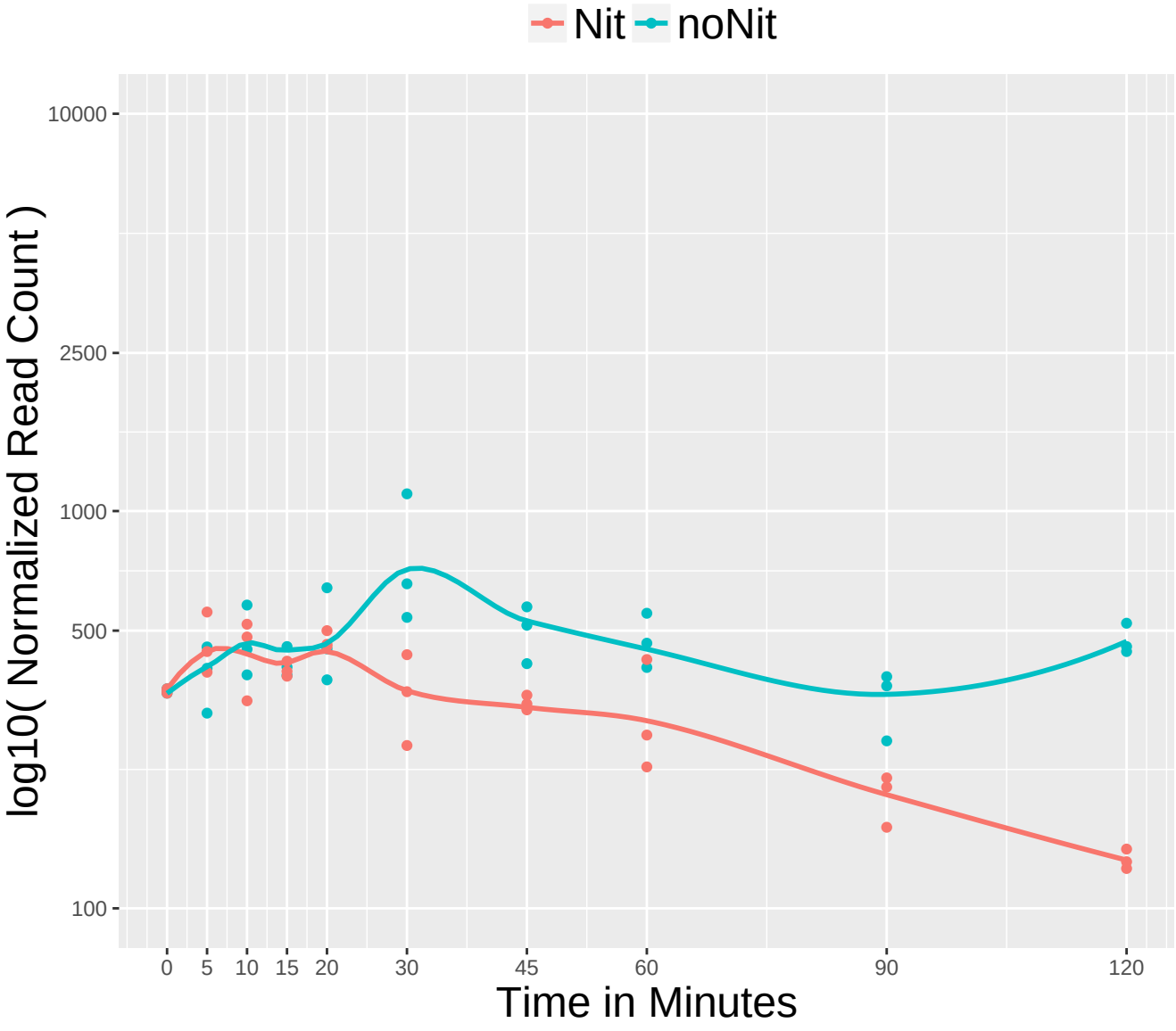
ATXTH19,XYLOGLUCAN



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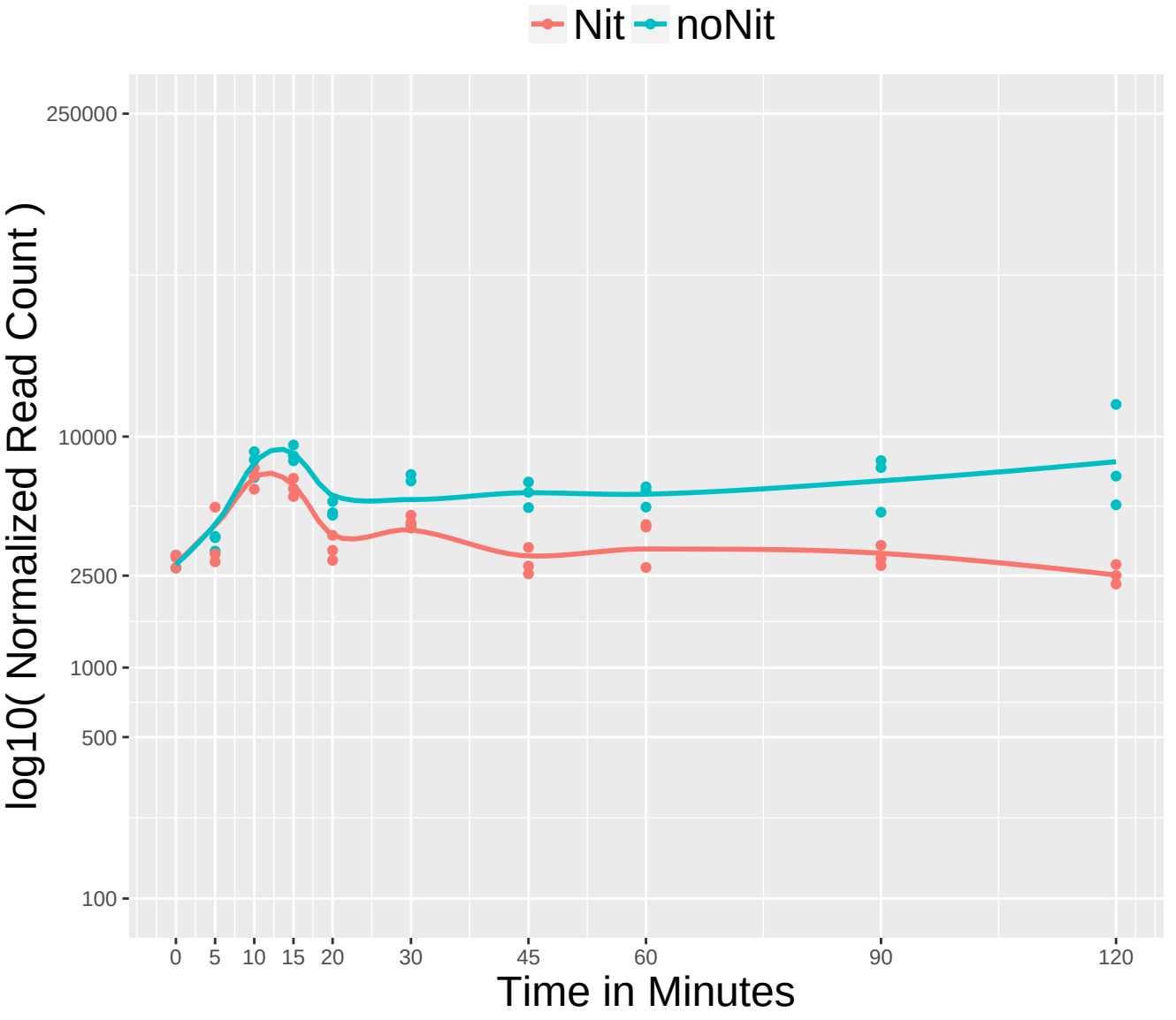
Auxin−responsive



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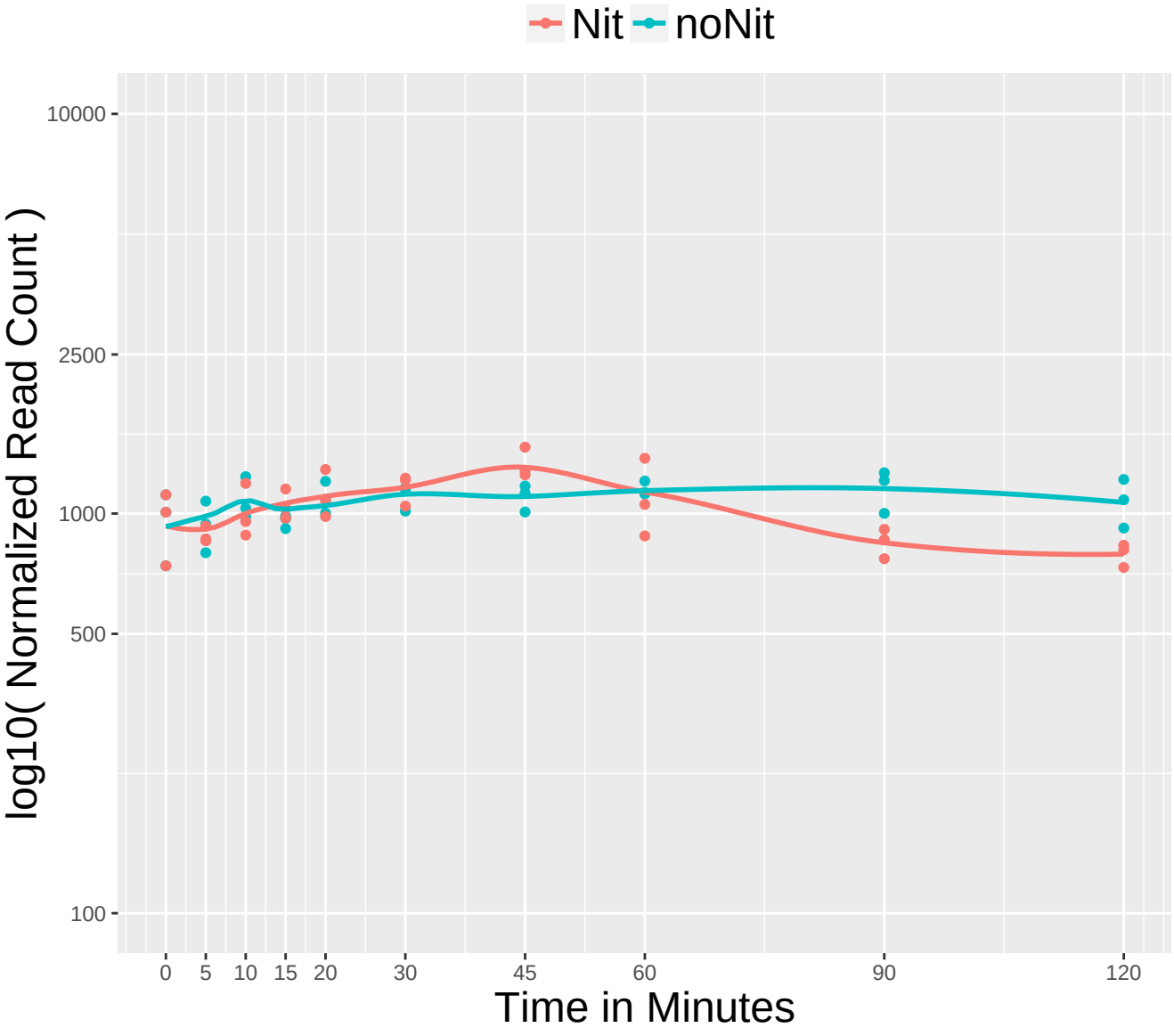
Protein



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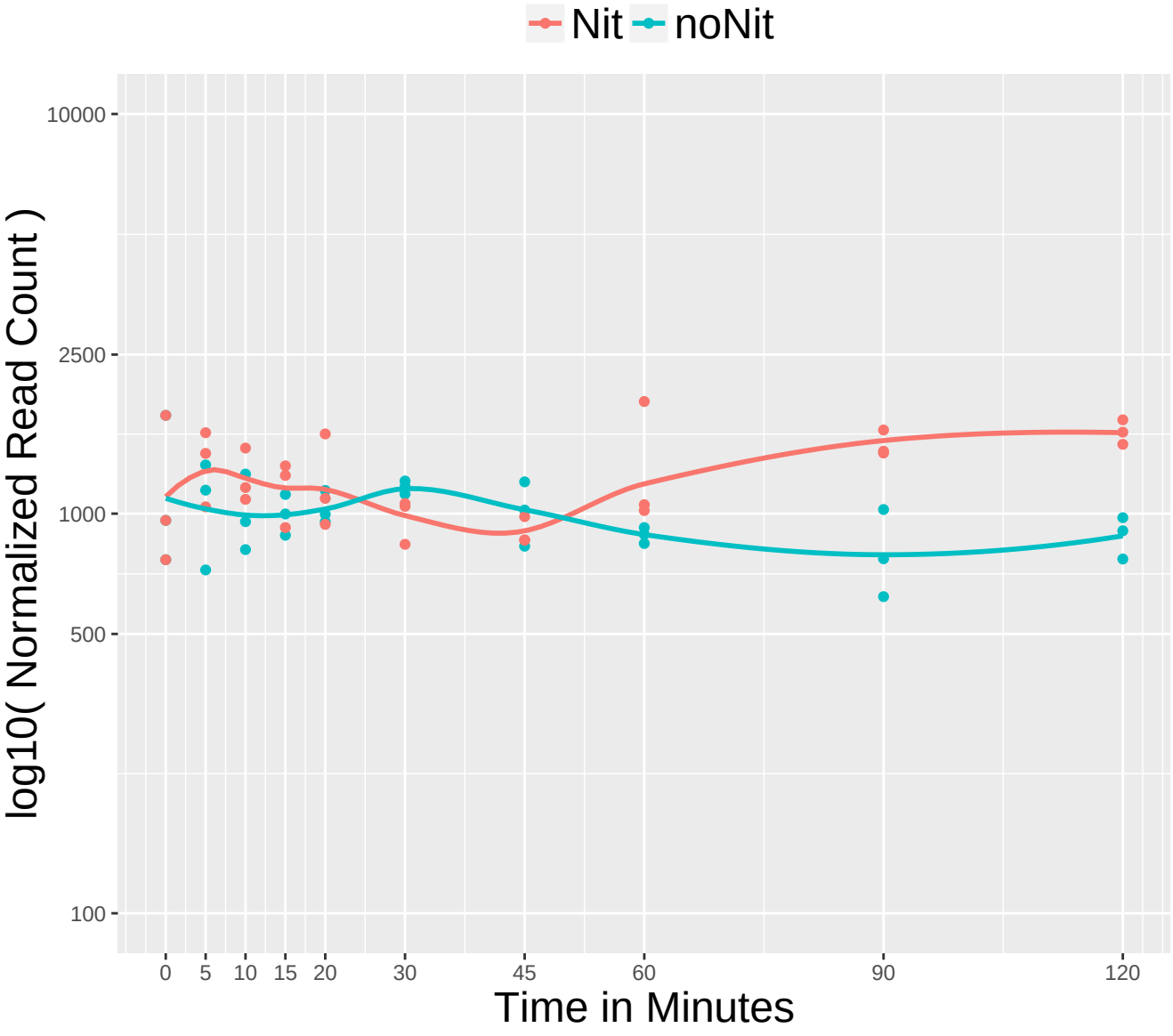
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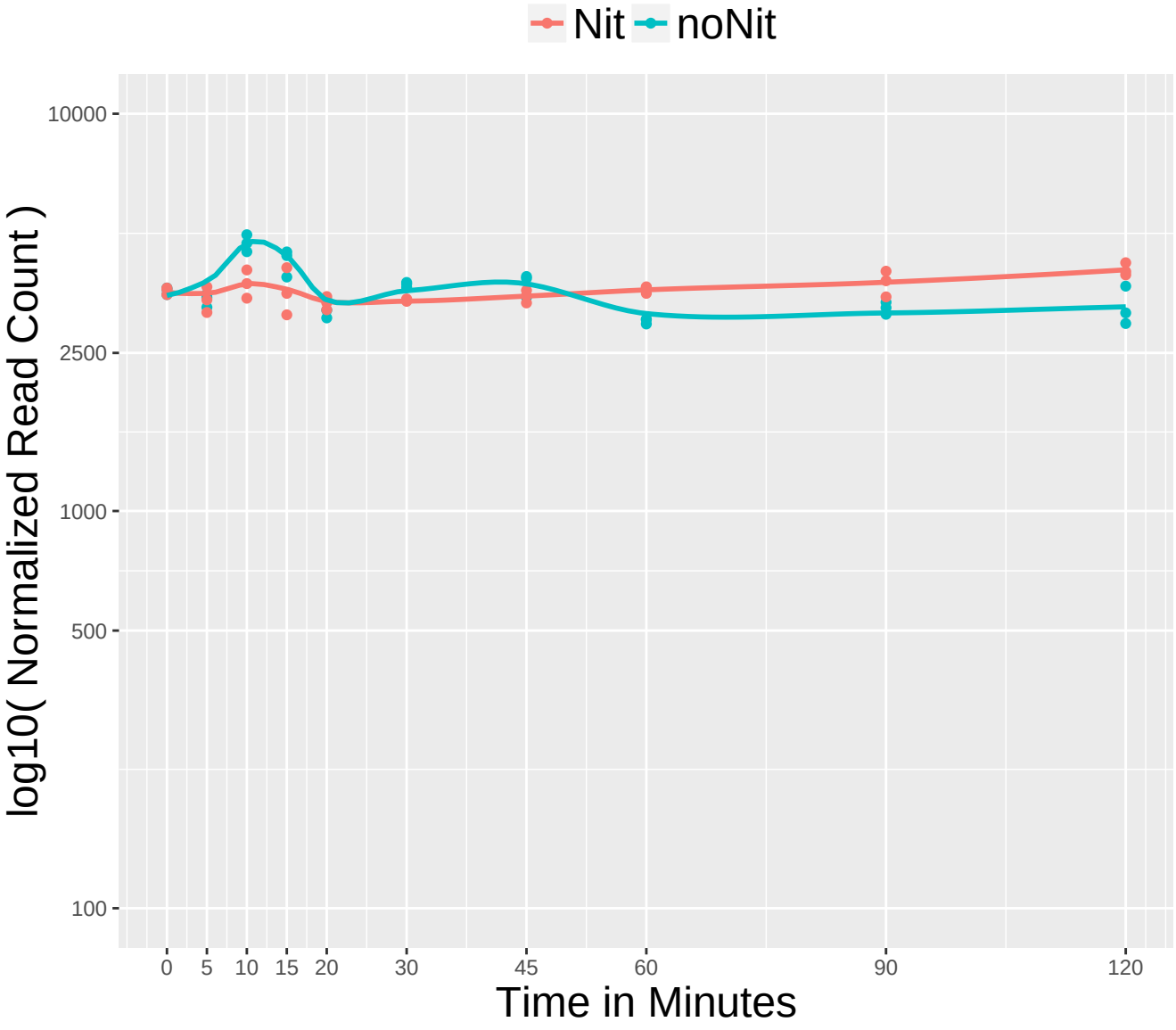
Time in Minutes

AT5G58470

TAF15b,TBP−associated



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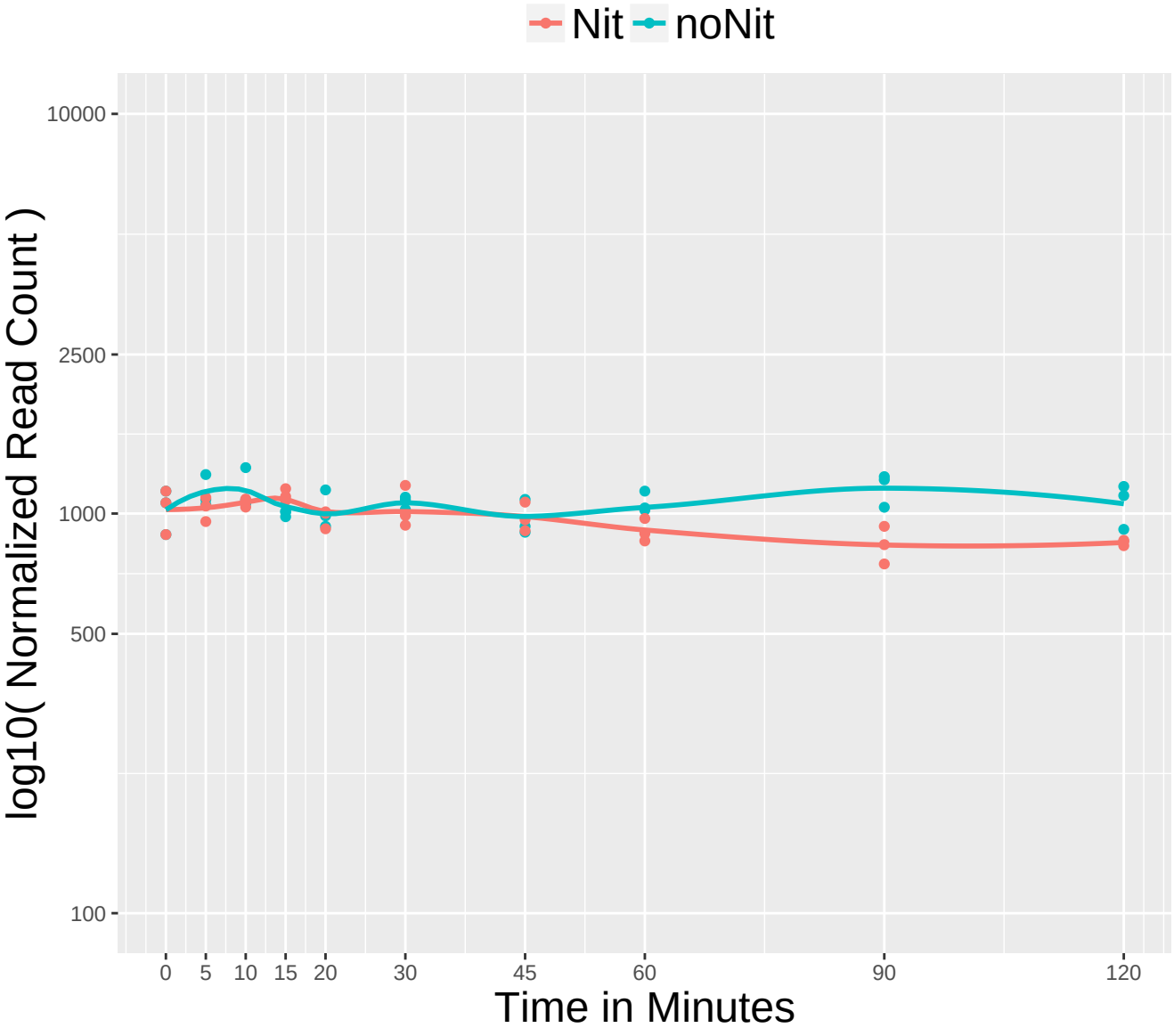
basic



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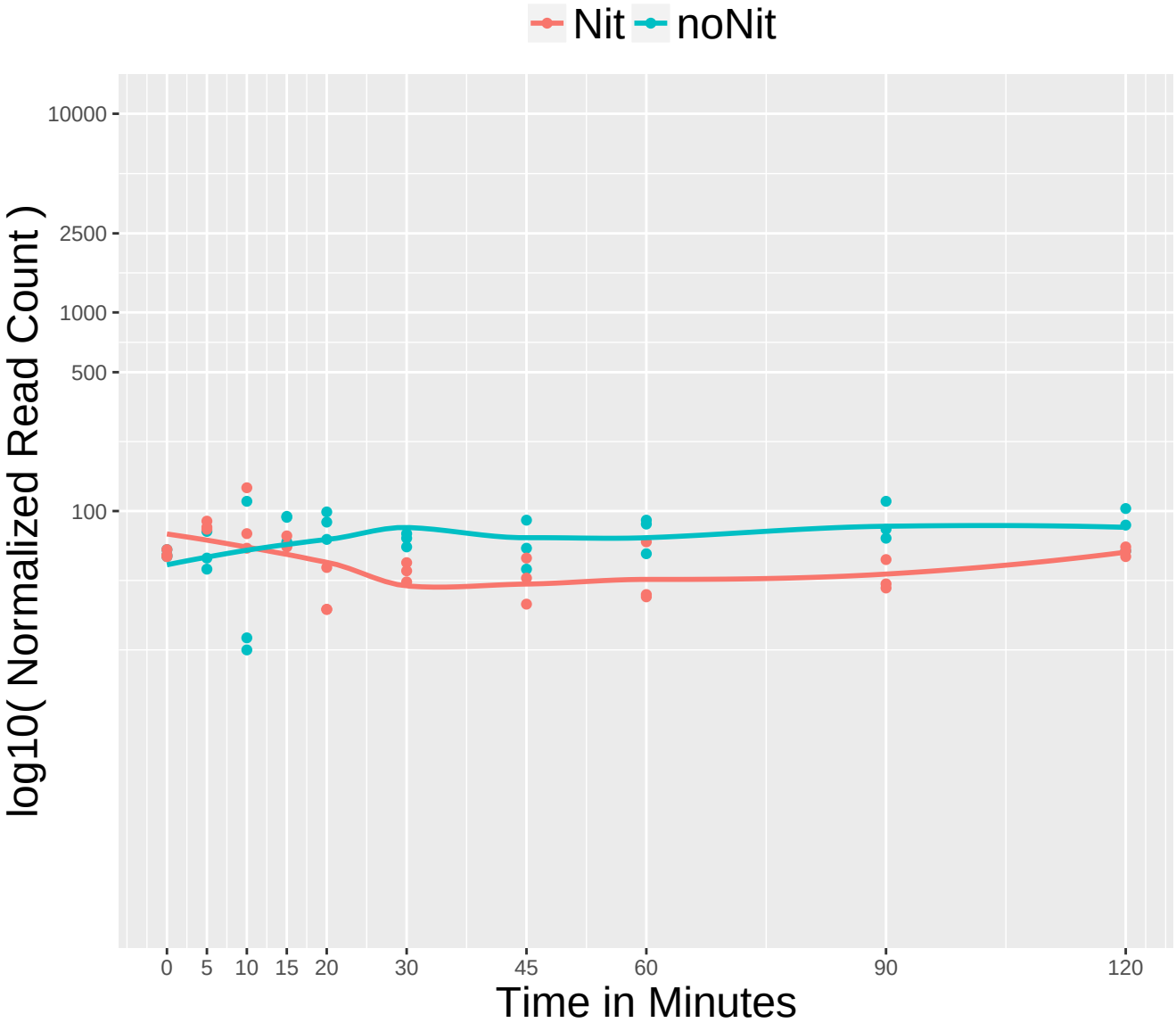
CLE20,CLAVATA3/ESR−RELATED



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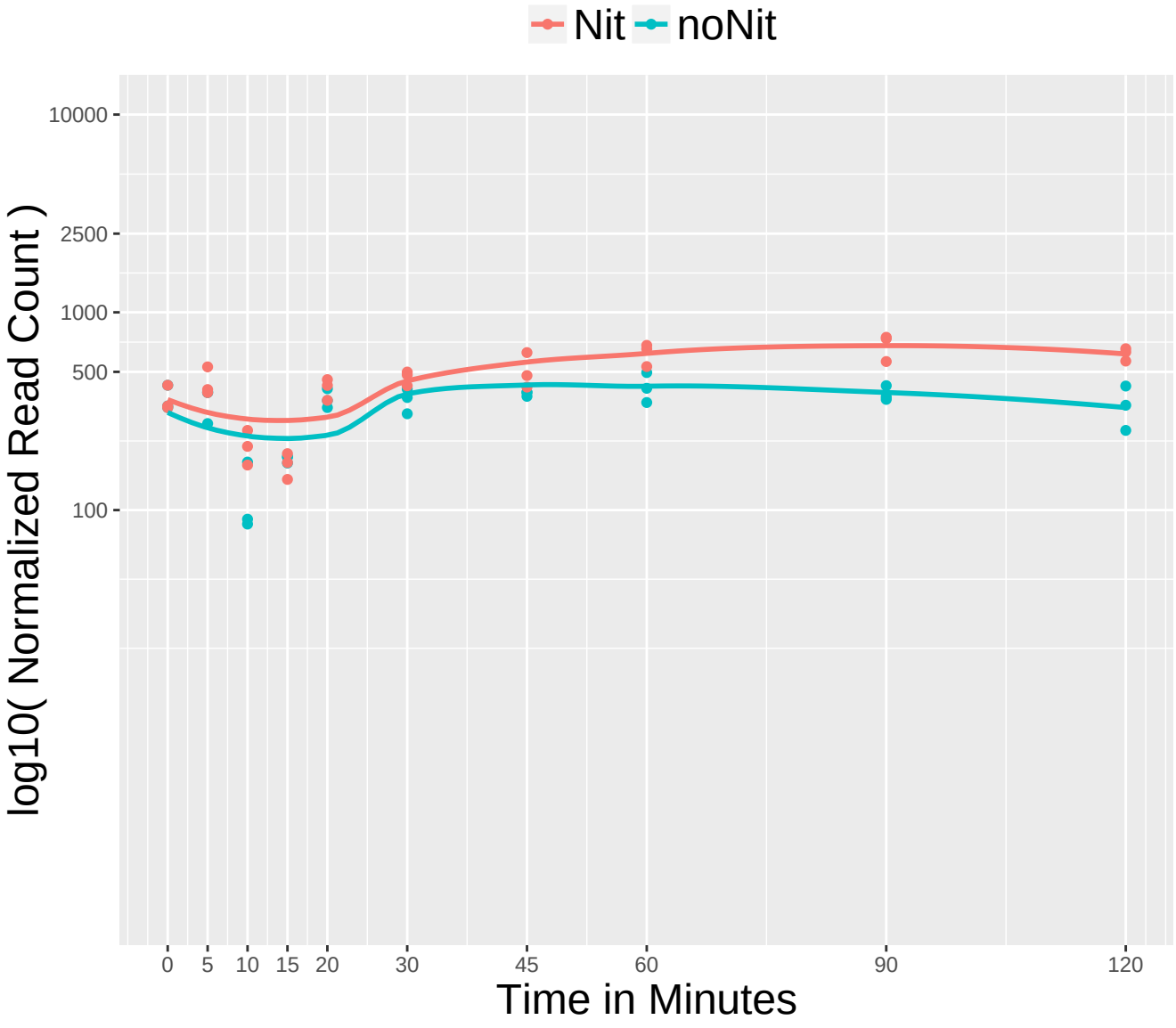
Calcium−dependent



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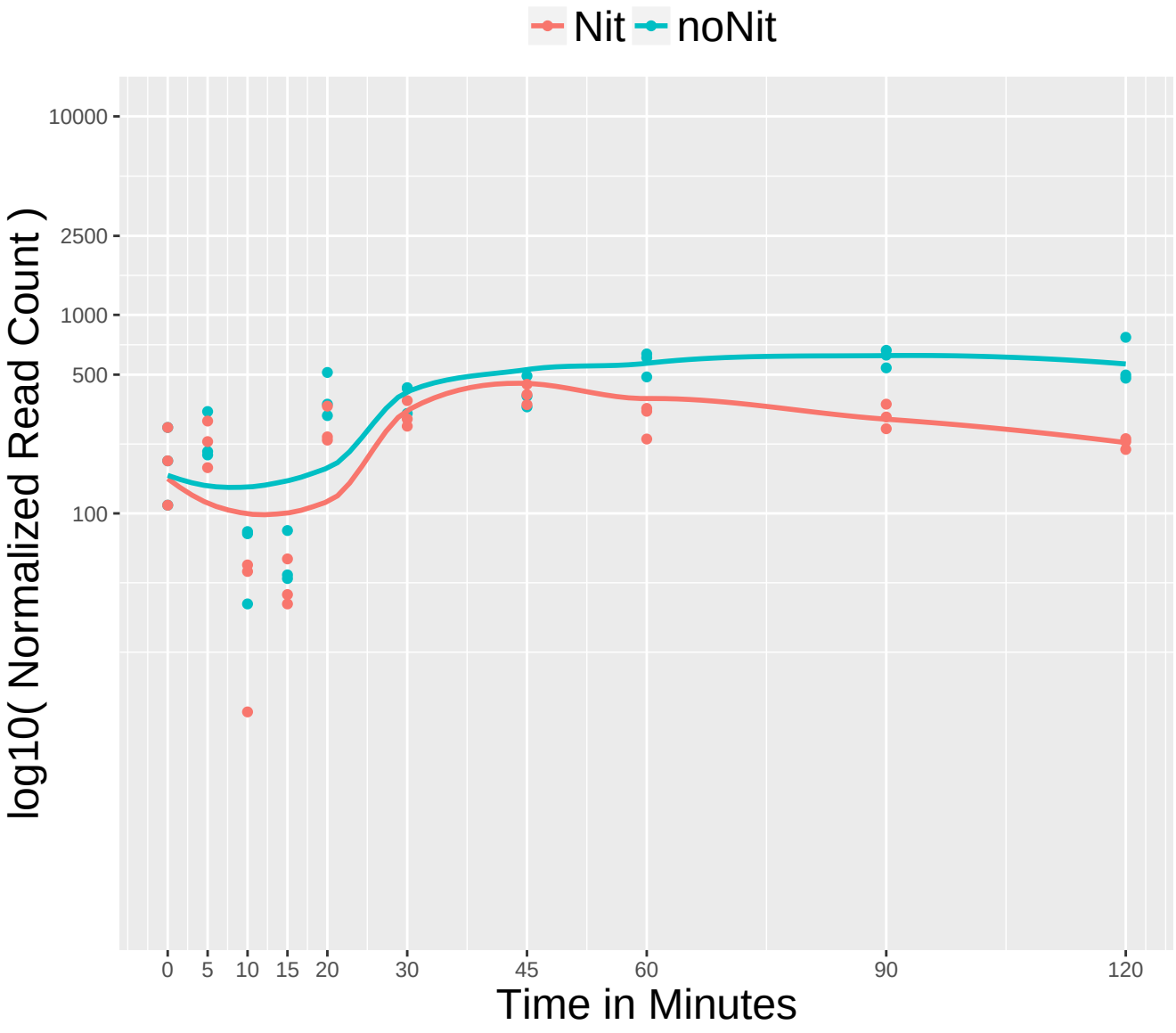
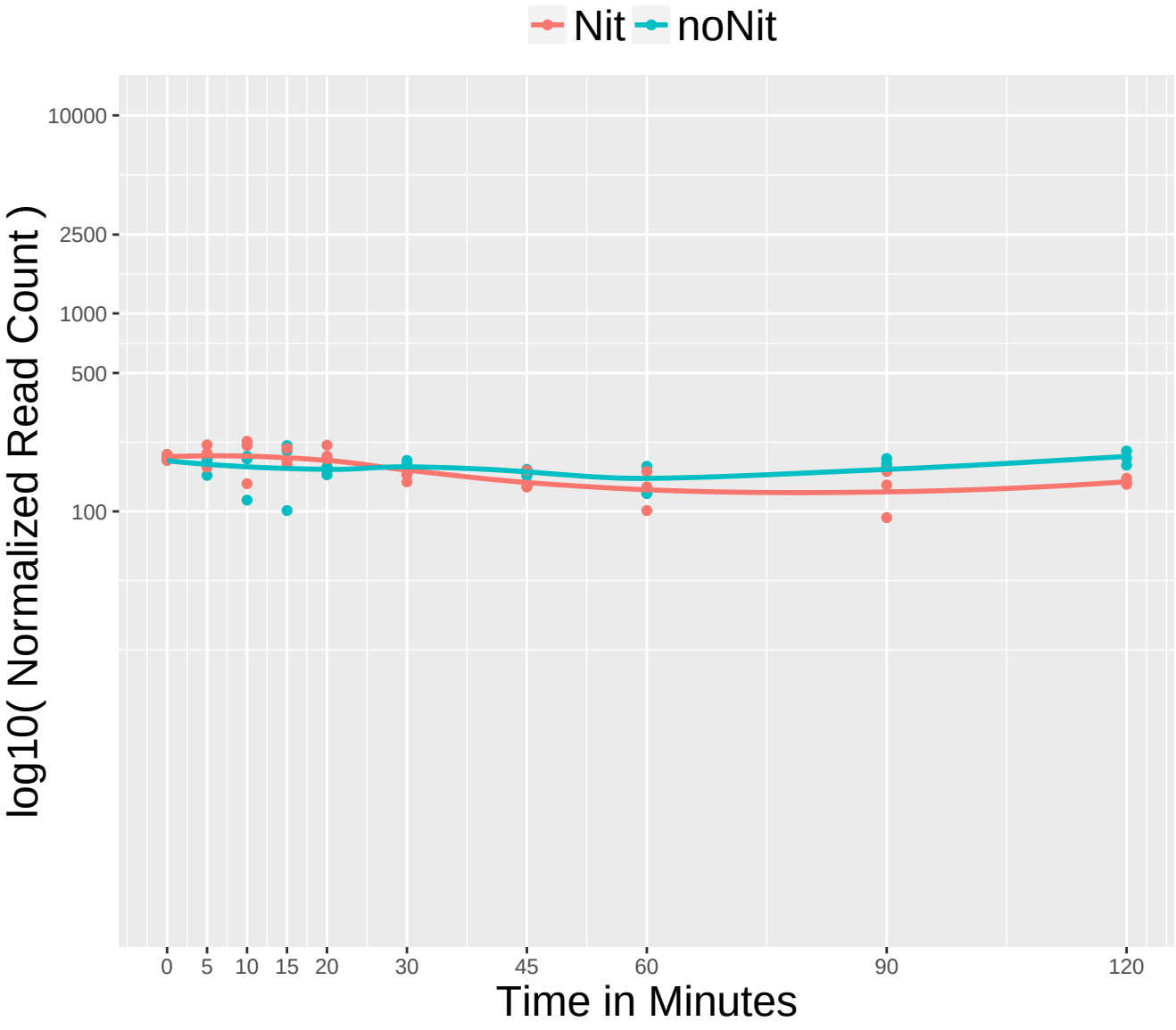


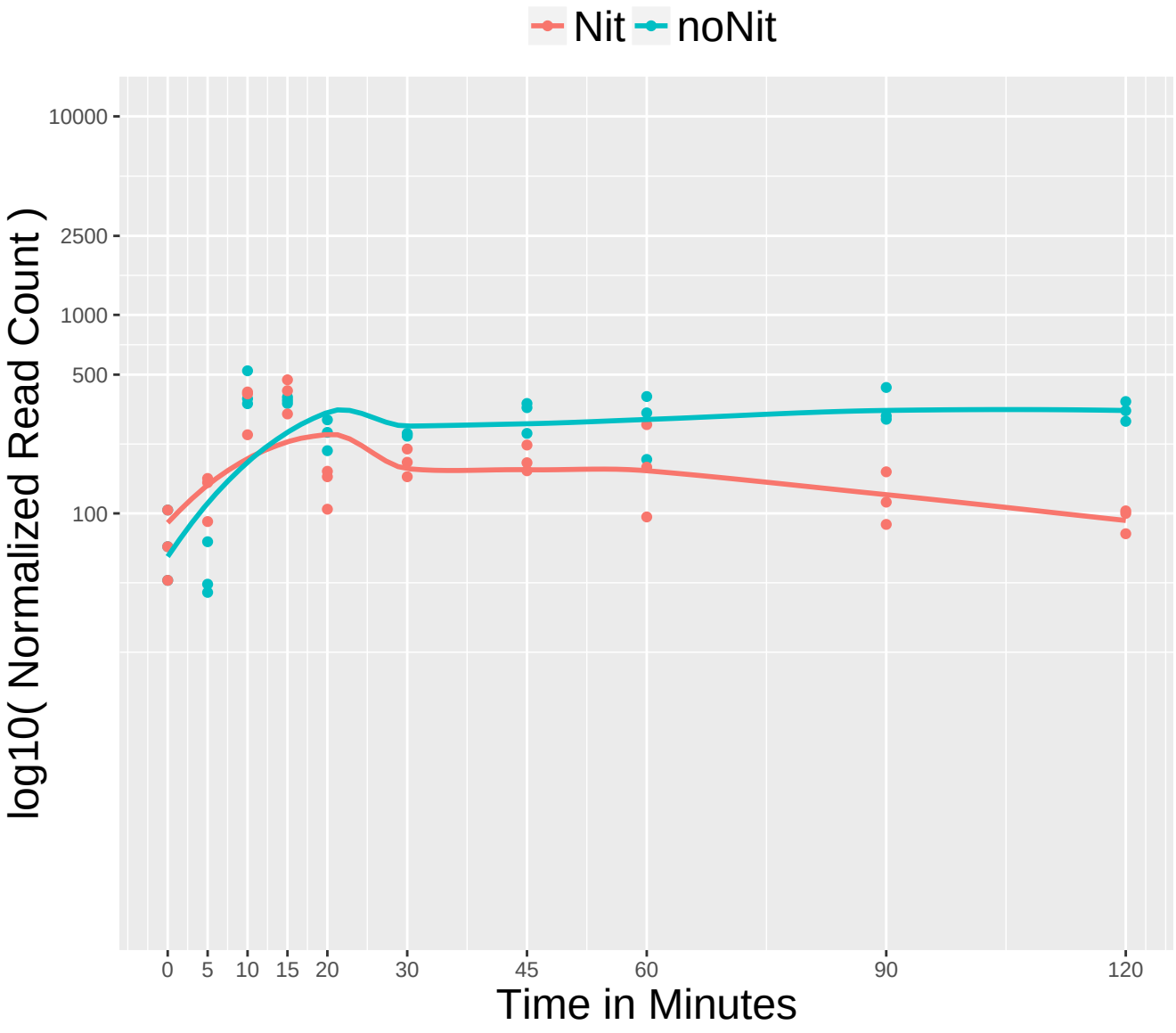
AT1G26810

GALT1,galactosyltransferase1



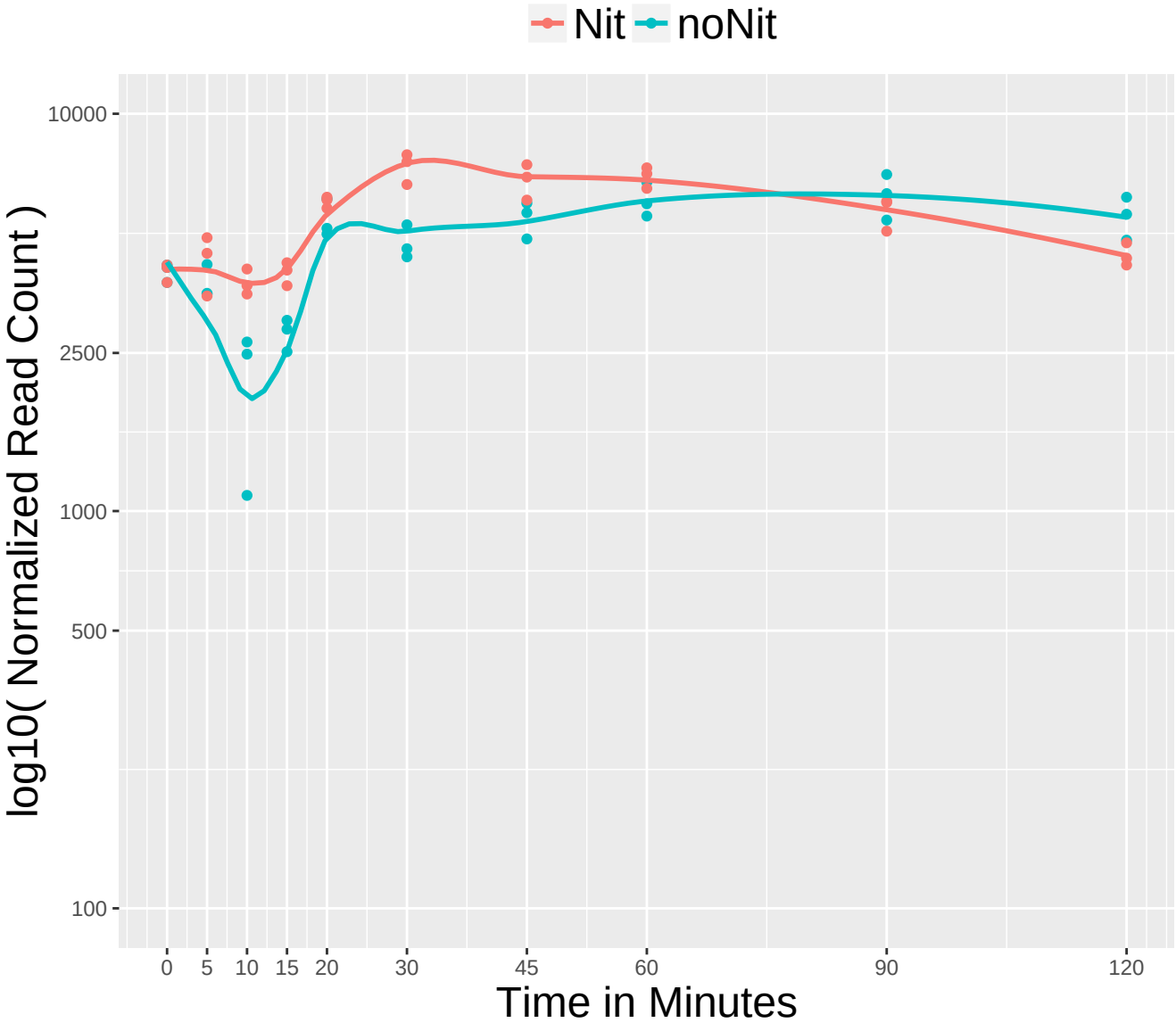
AT1G53130

GRI,GRIM



AT1G72830

ATHAP2C,,HAP2C,,NF−YA3,"nuclear



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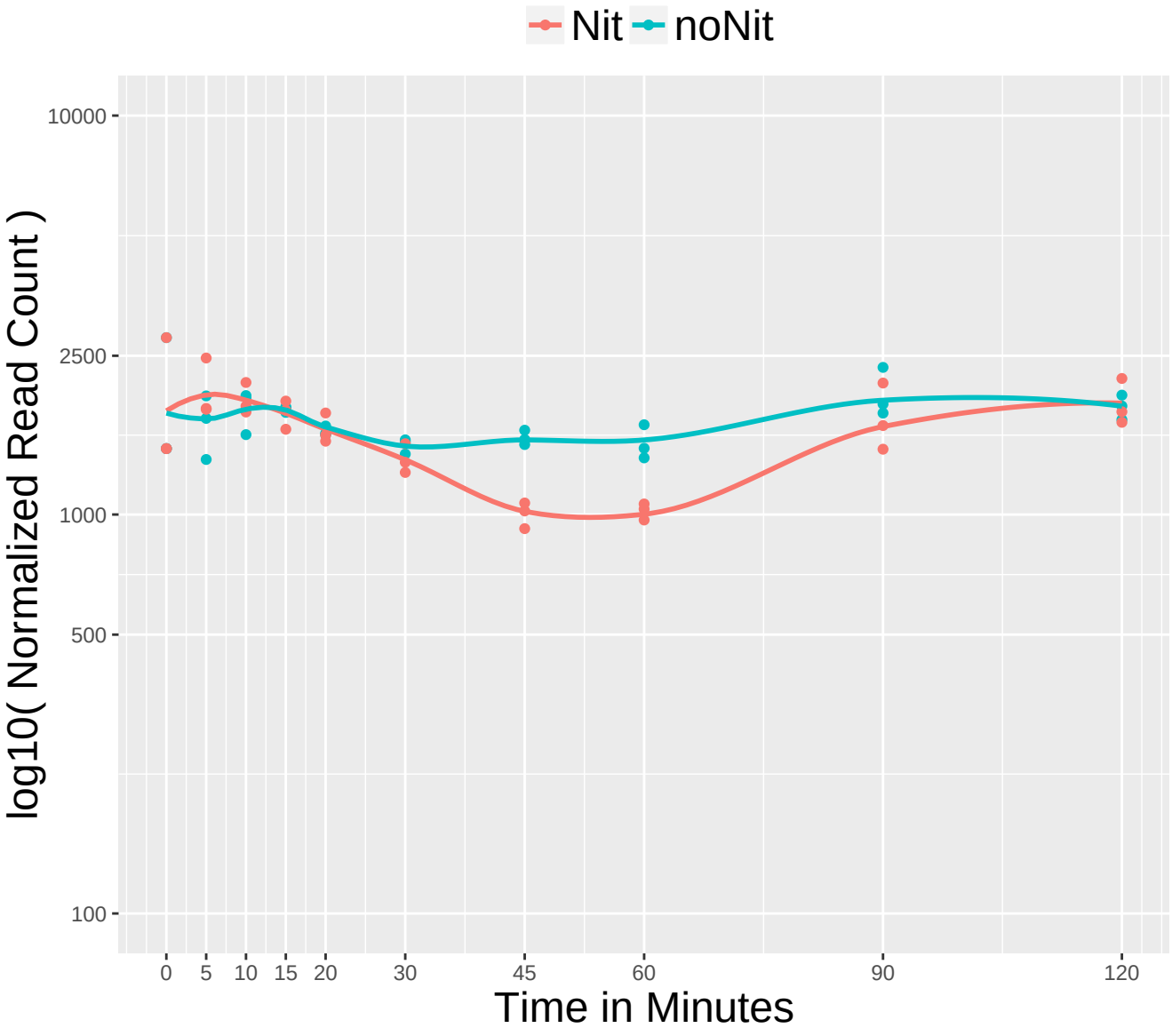
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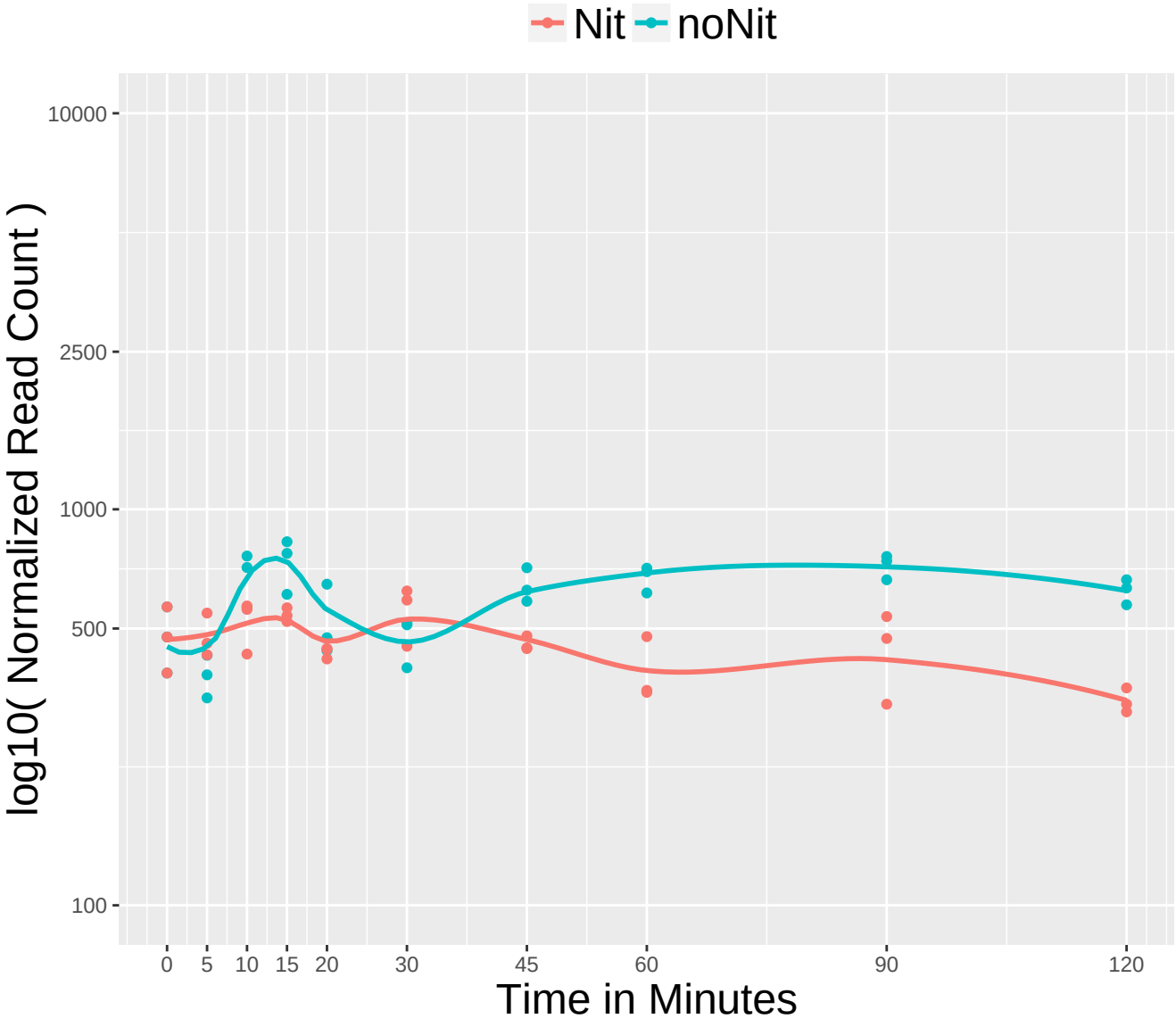
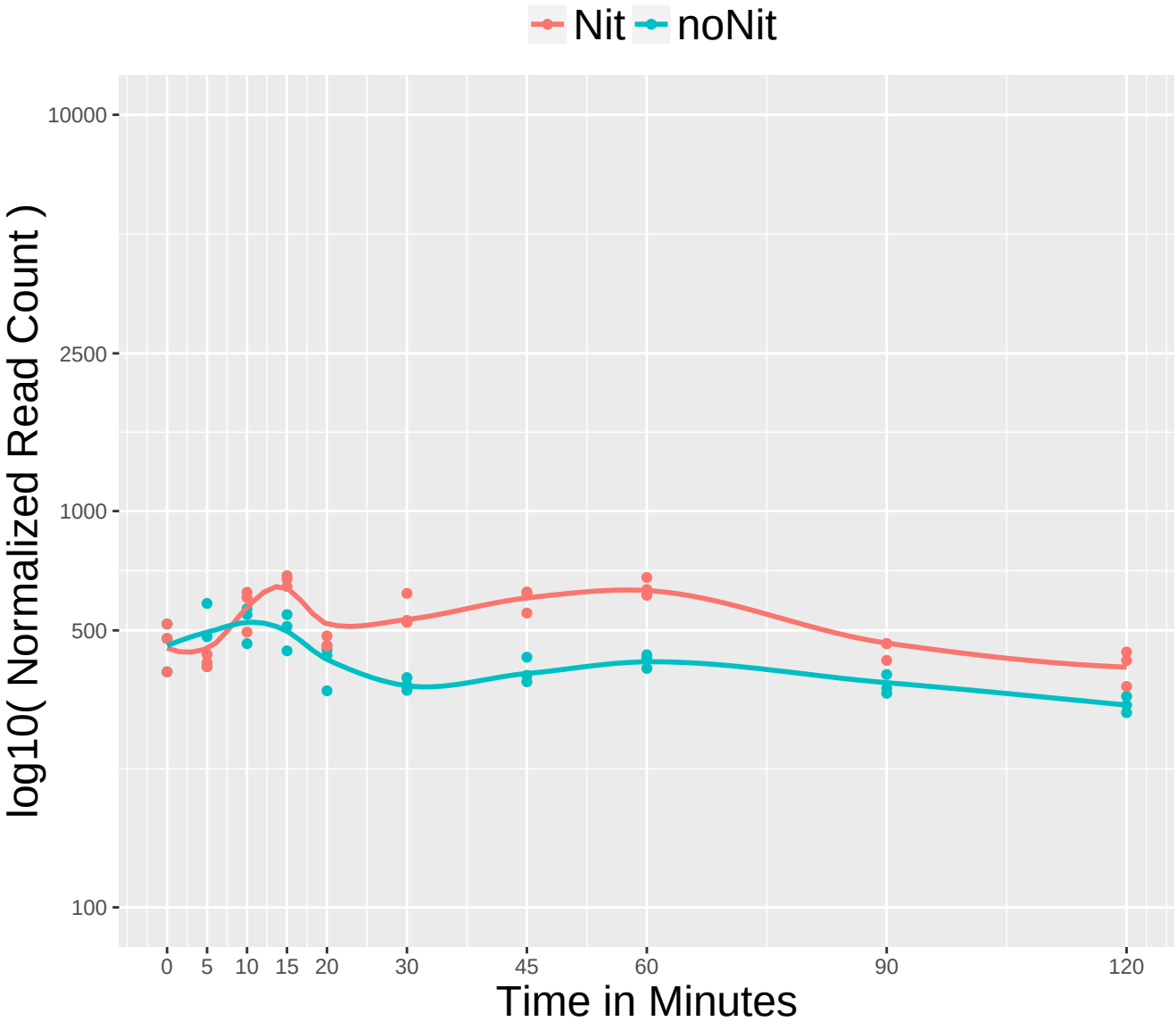
AT3G03650

EDA5,embryo



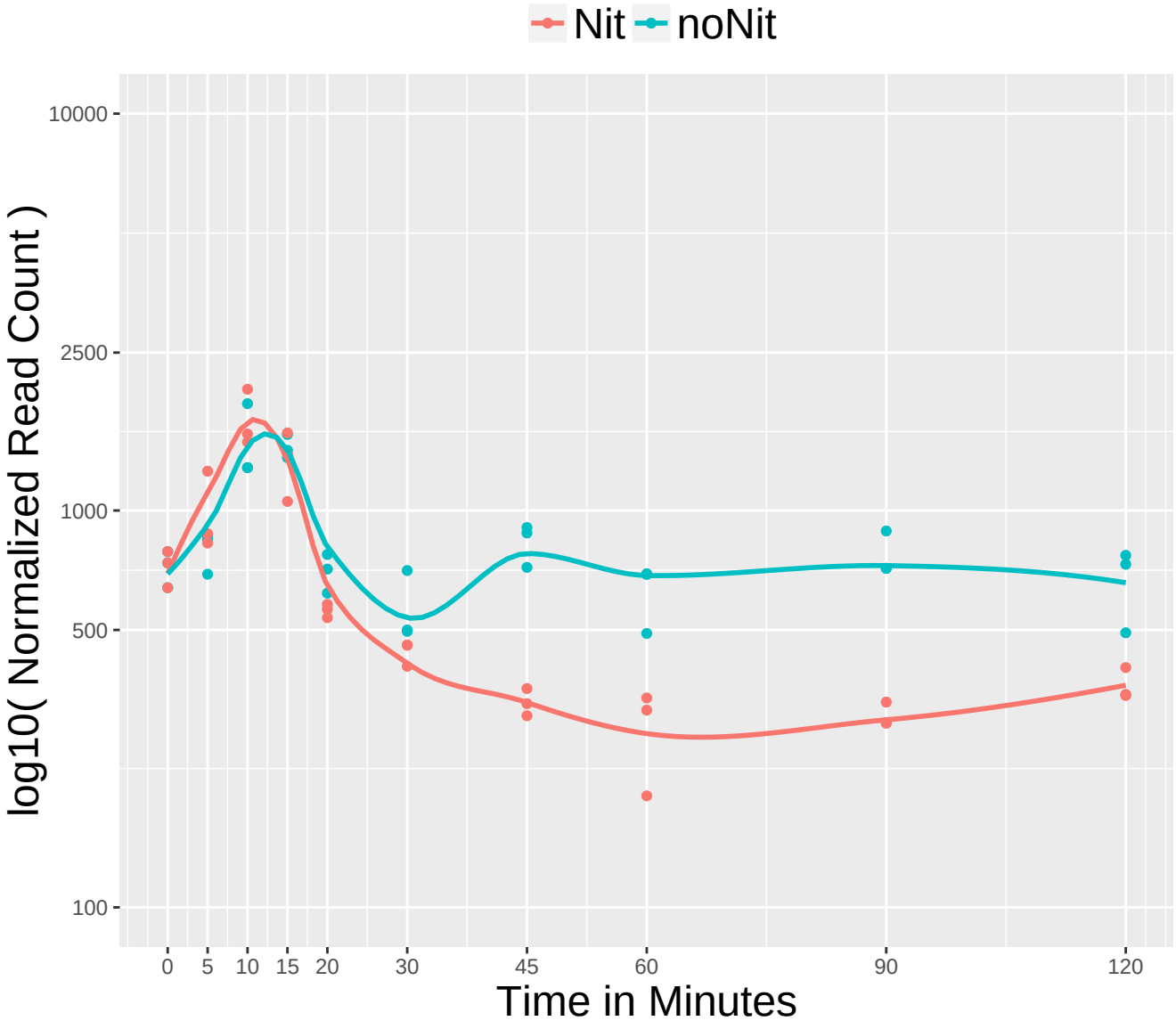
AT3G03900

APK3,adenosine−5'−phosphosulfate



AT3G12830

SAUR72,SMALL



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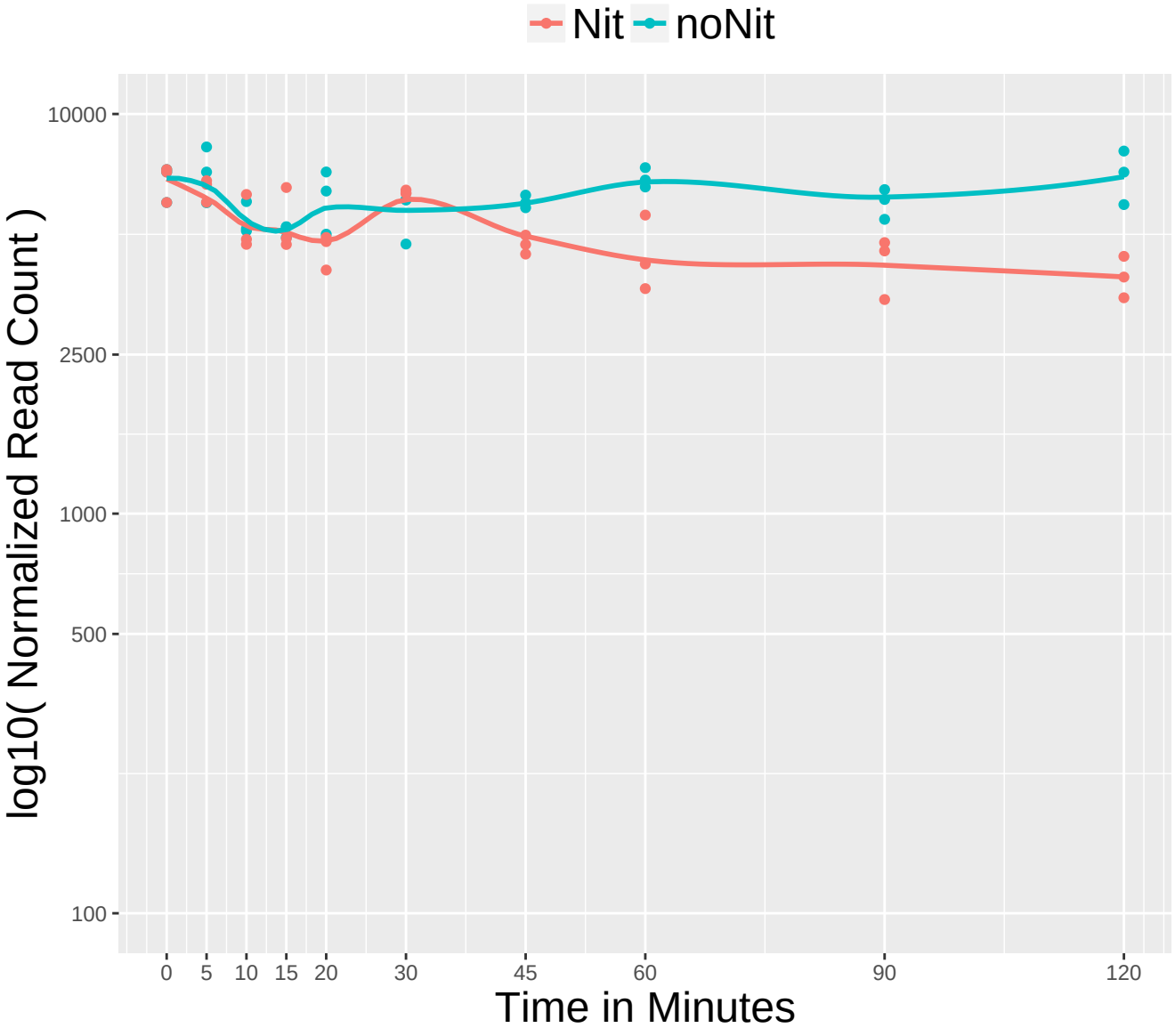
MATE



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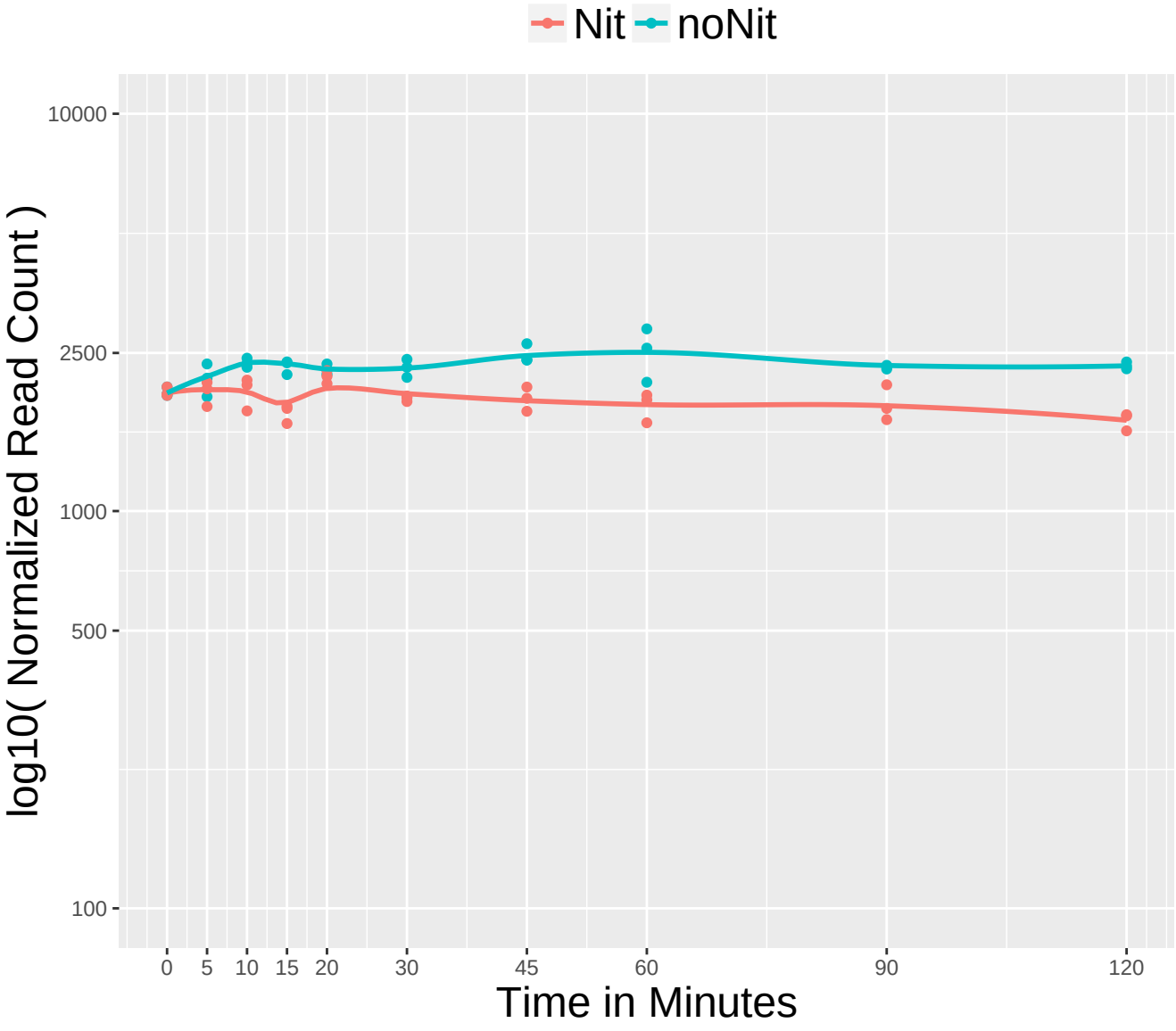

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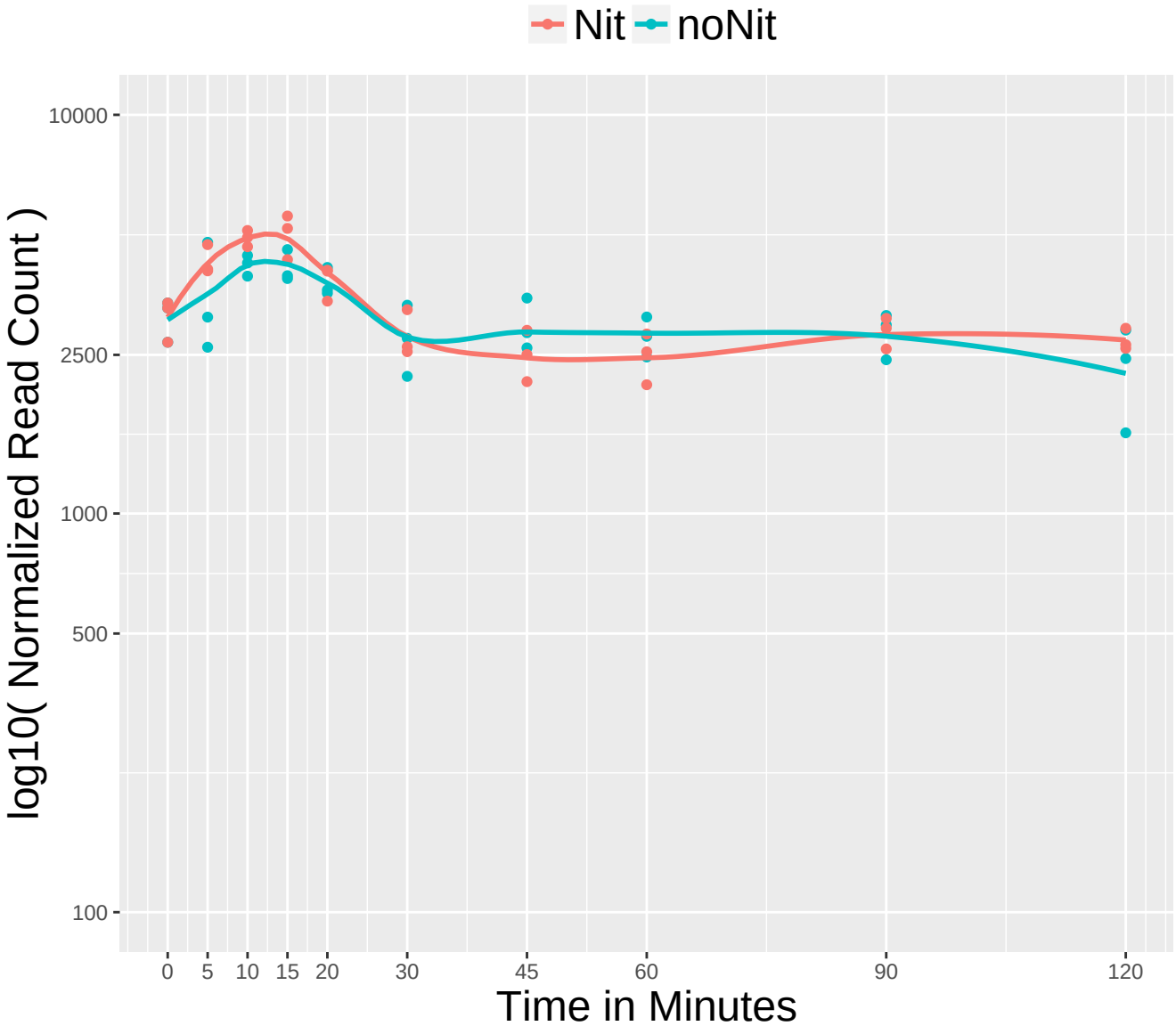
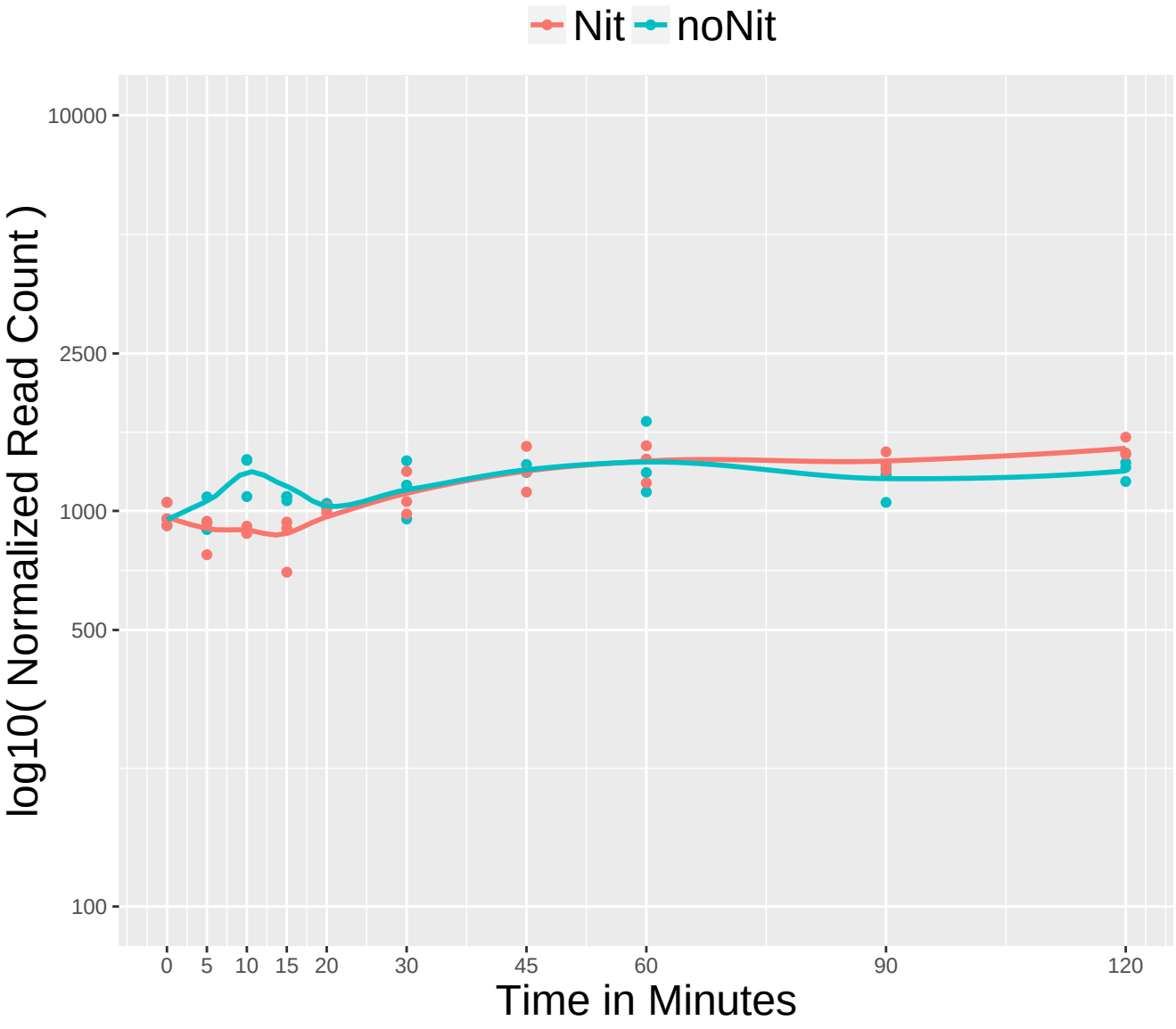
VQ



AT4G32920

glycine−rich



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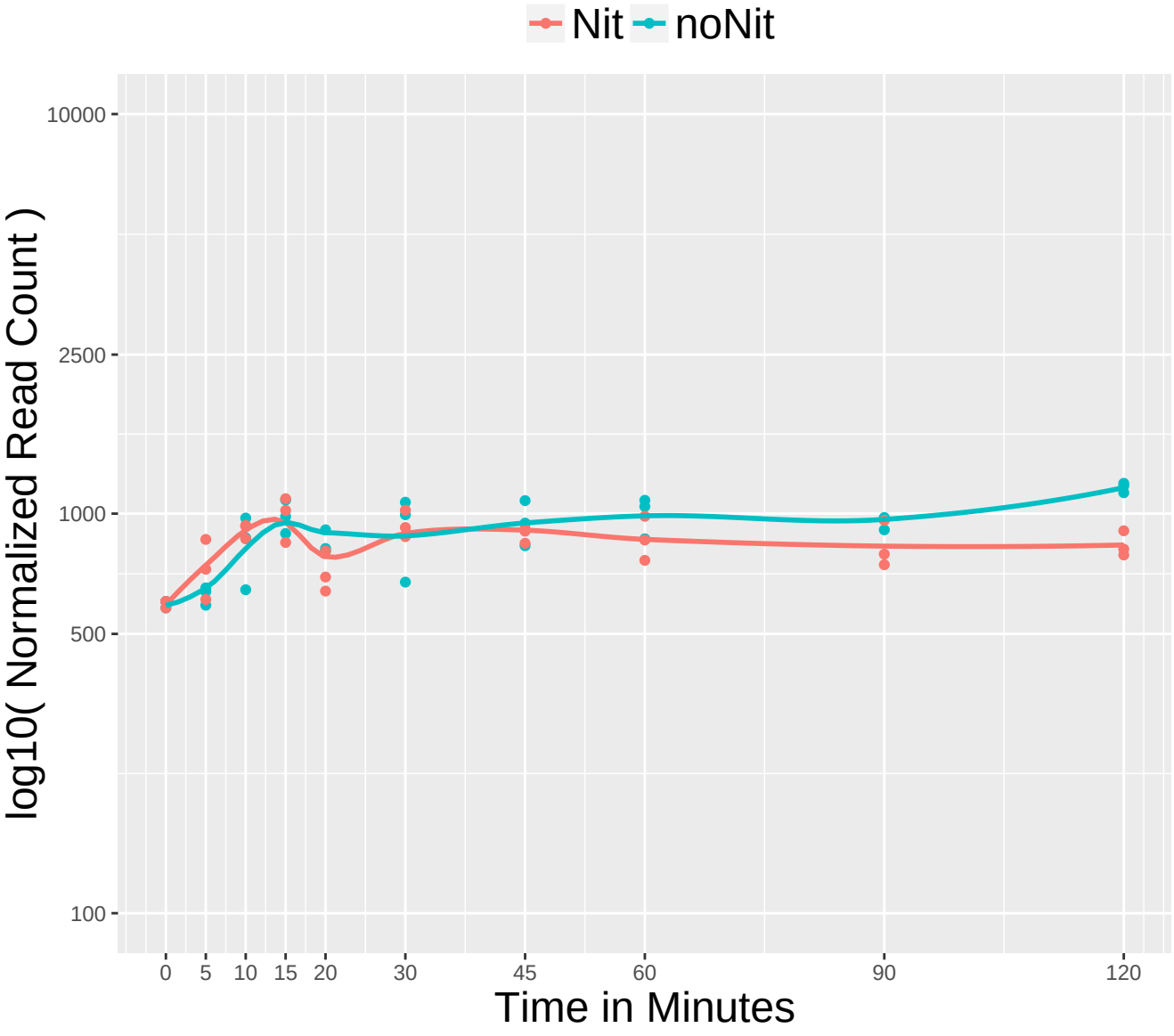

AT5G13210

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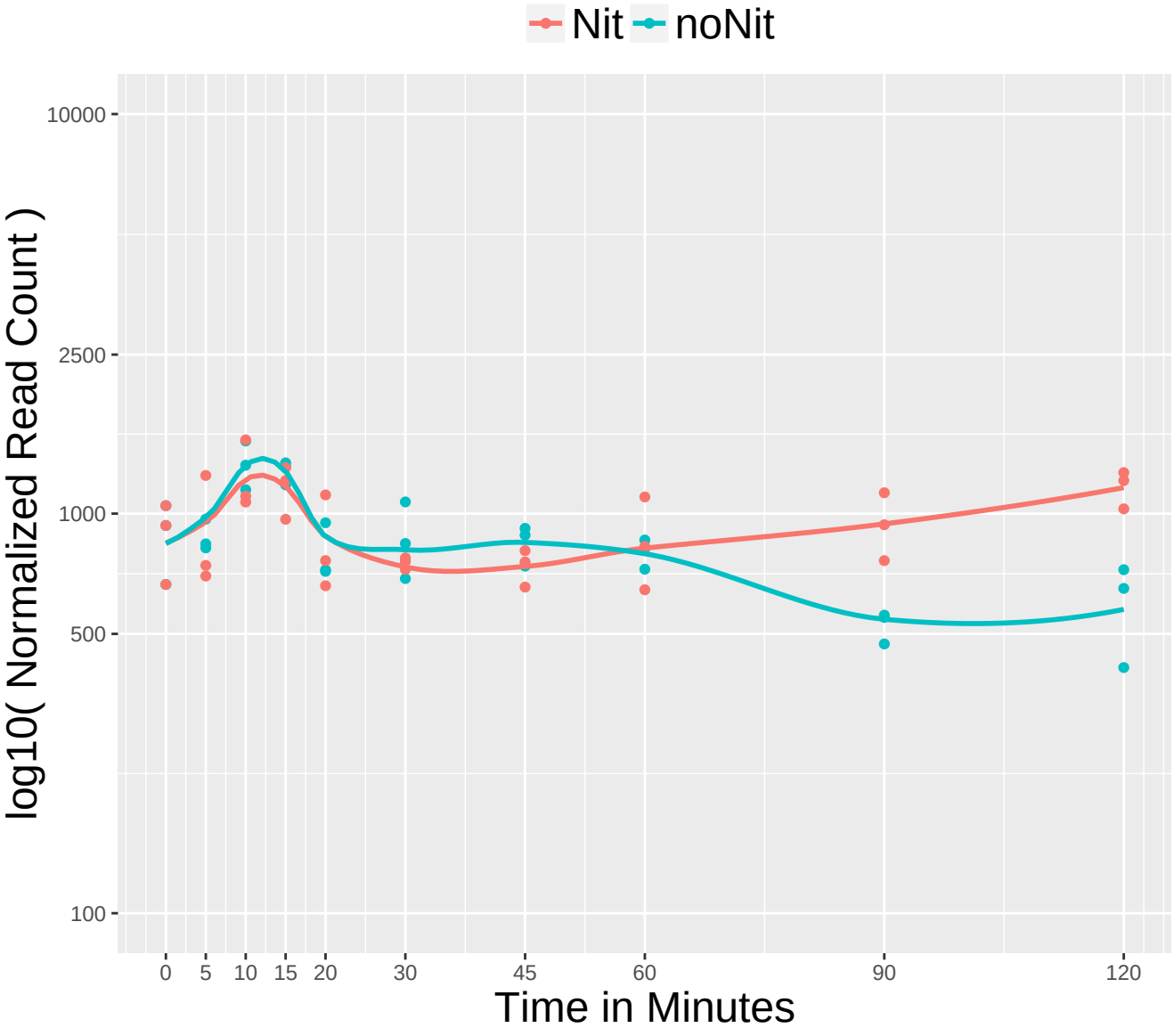

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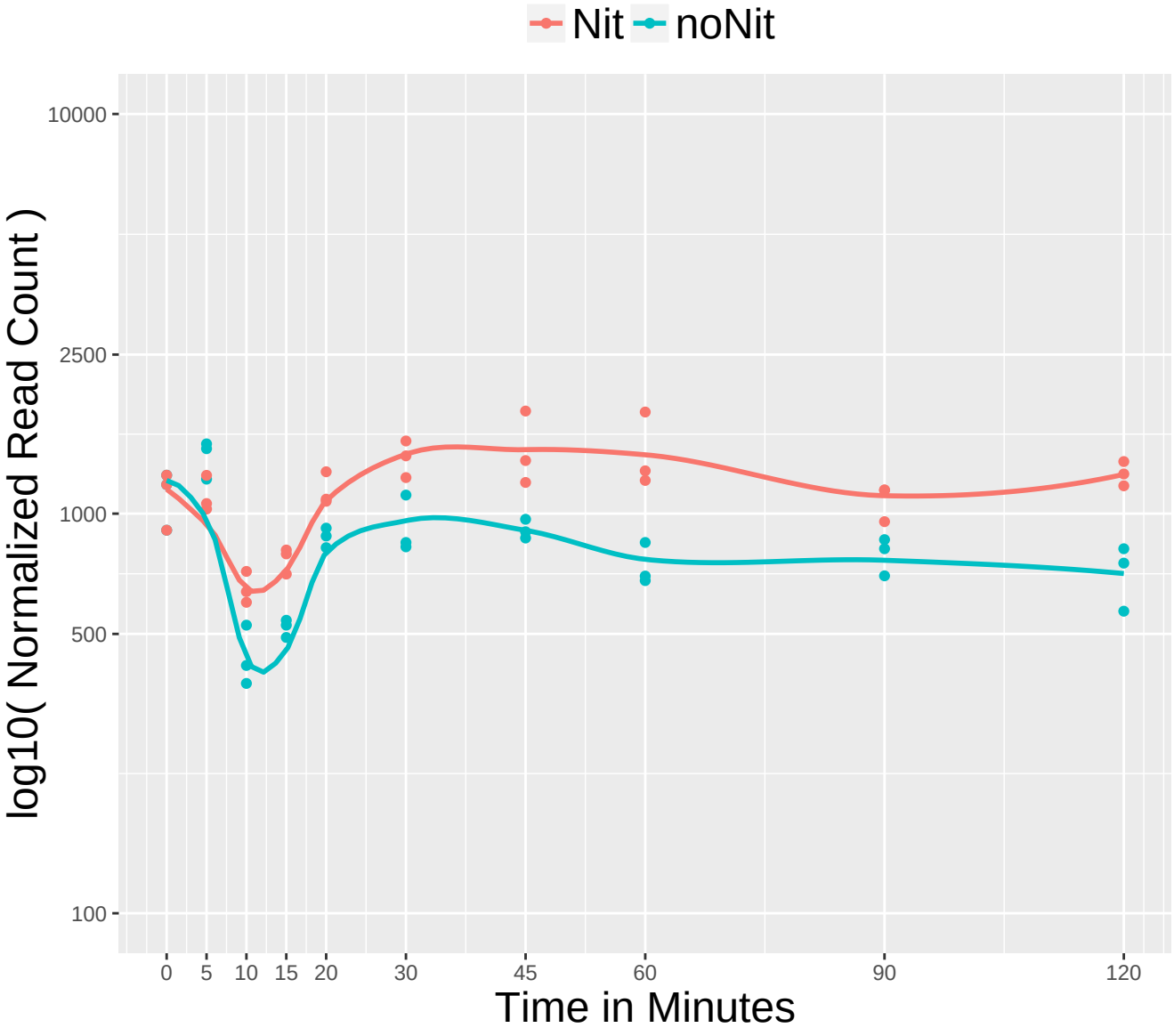

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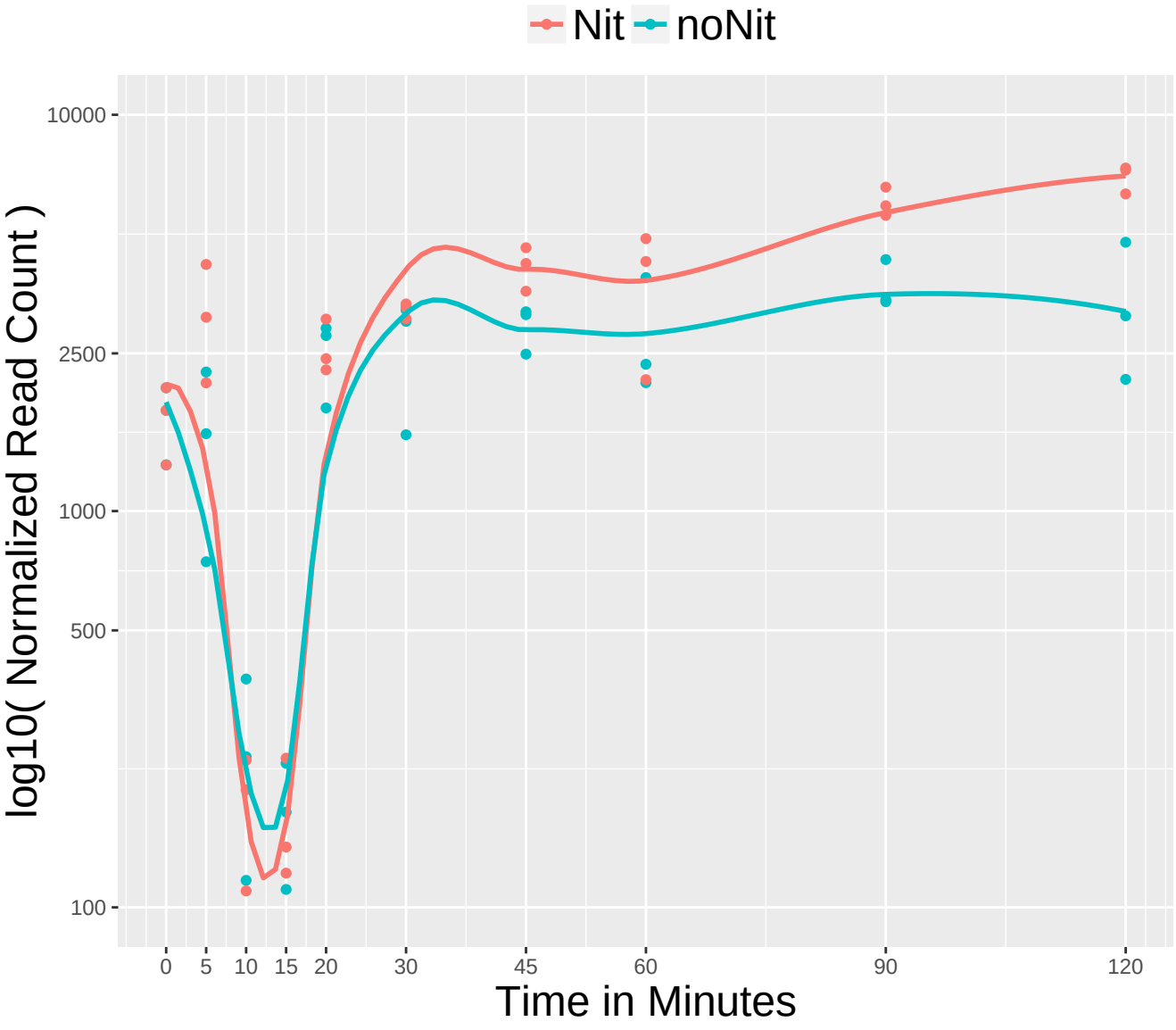
Receptor−like



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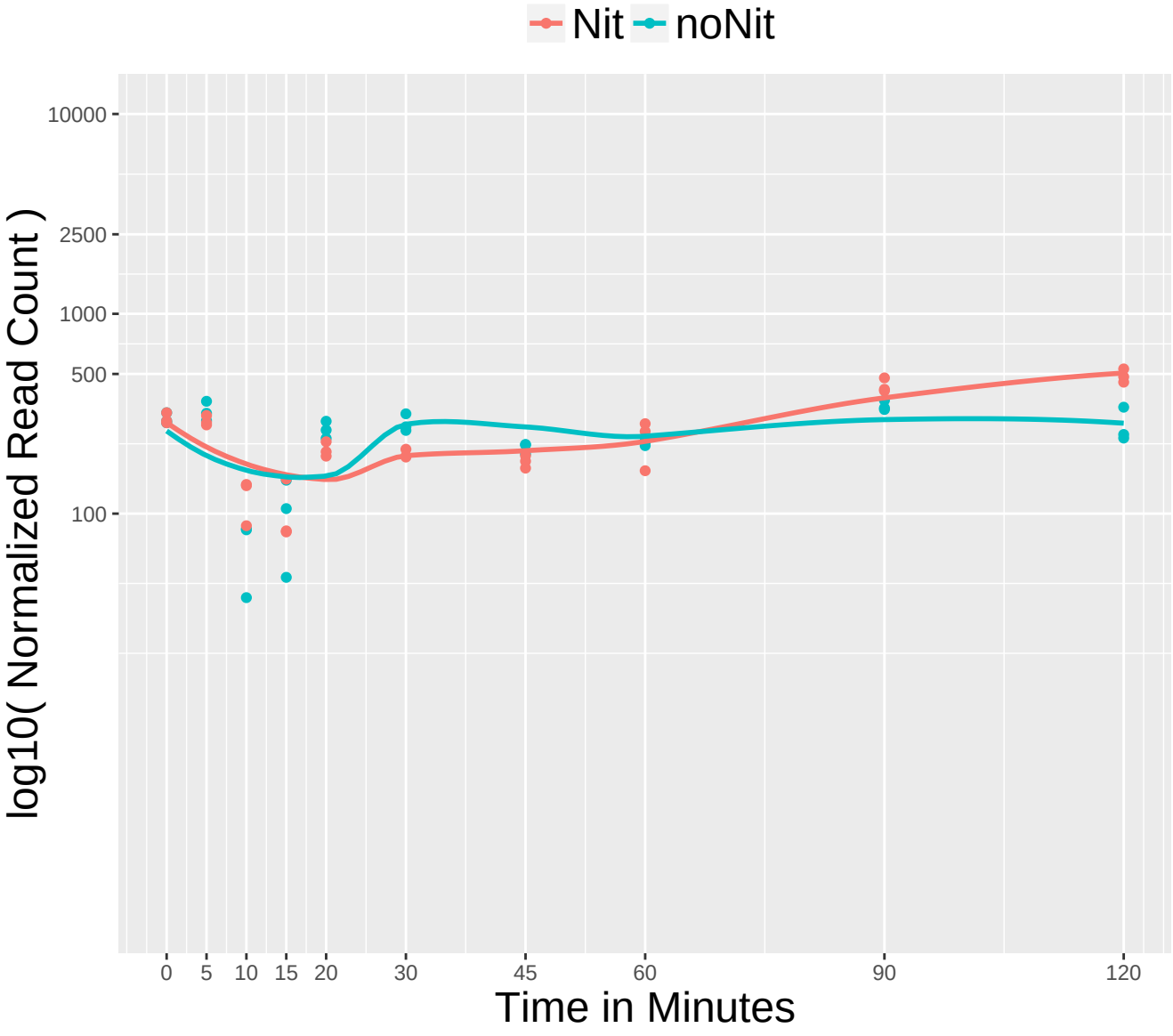
PLATZ



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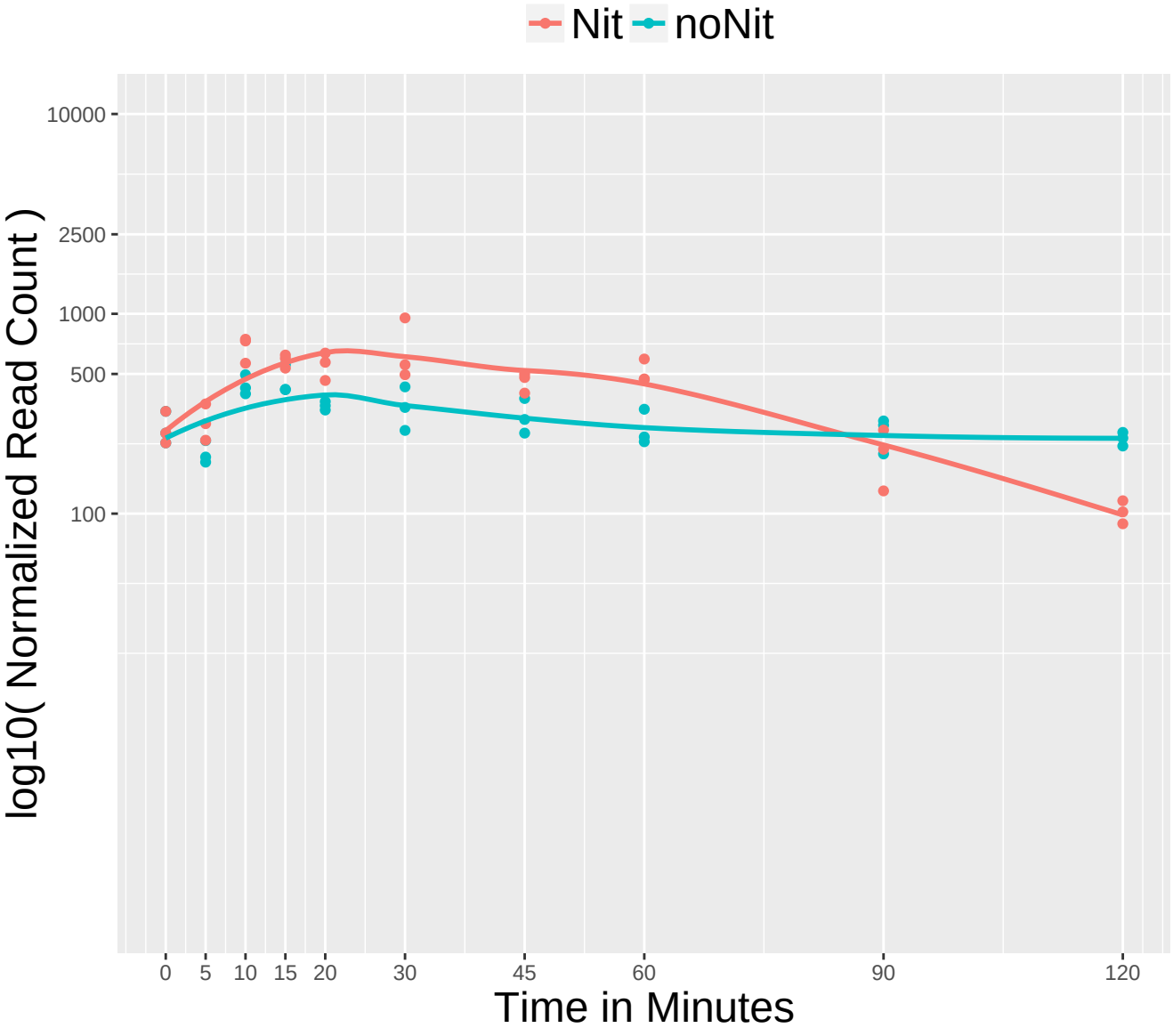
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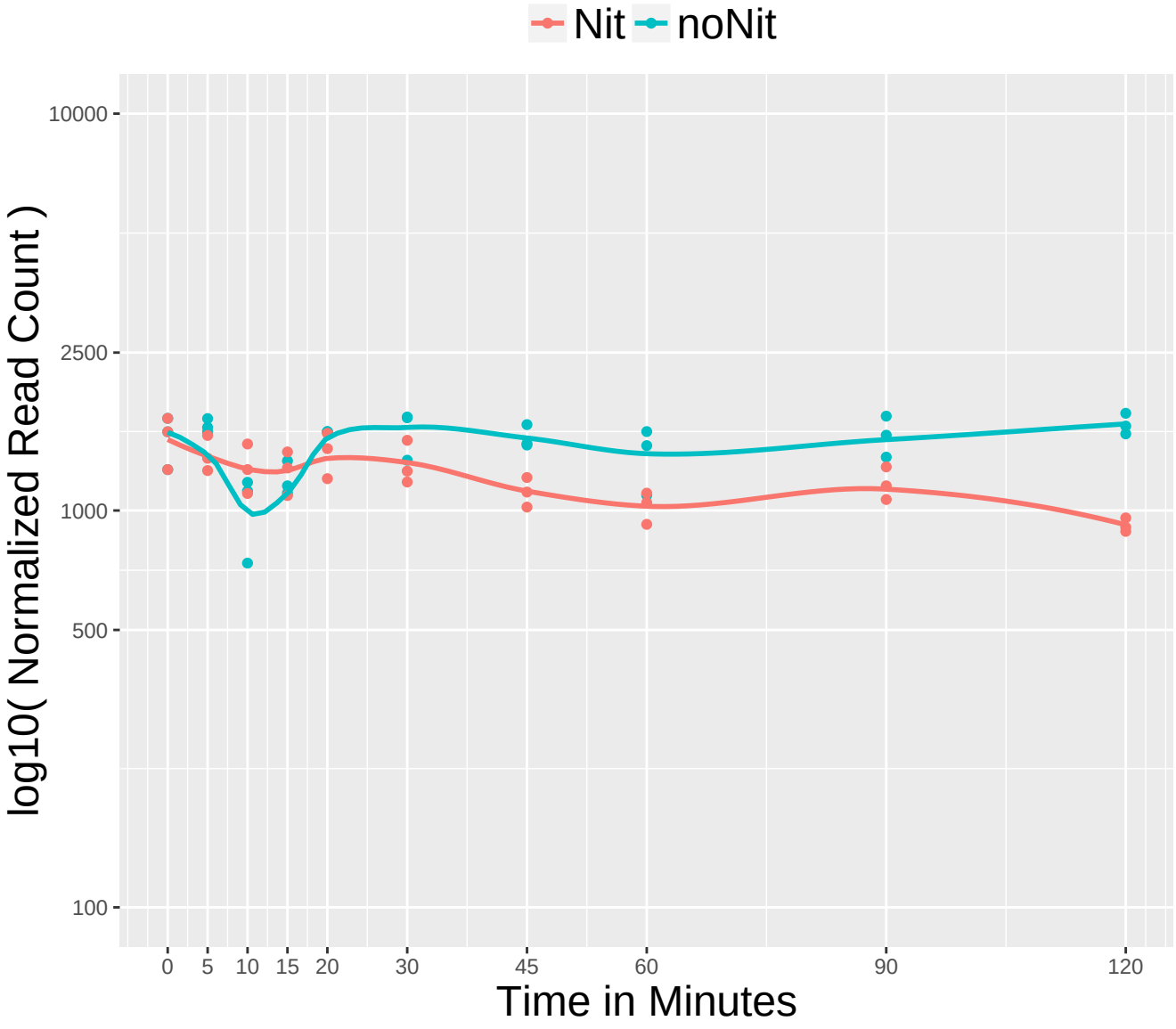
AT1G12430

ARK3,armadillo



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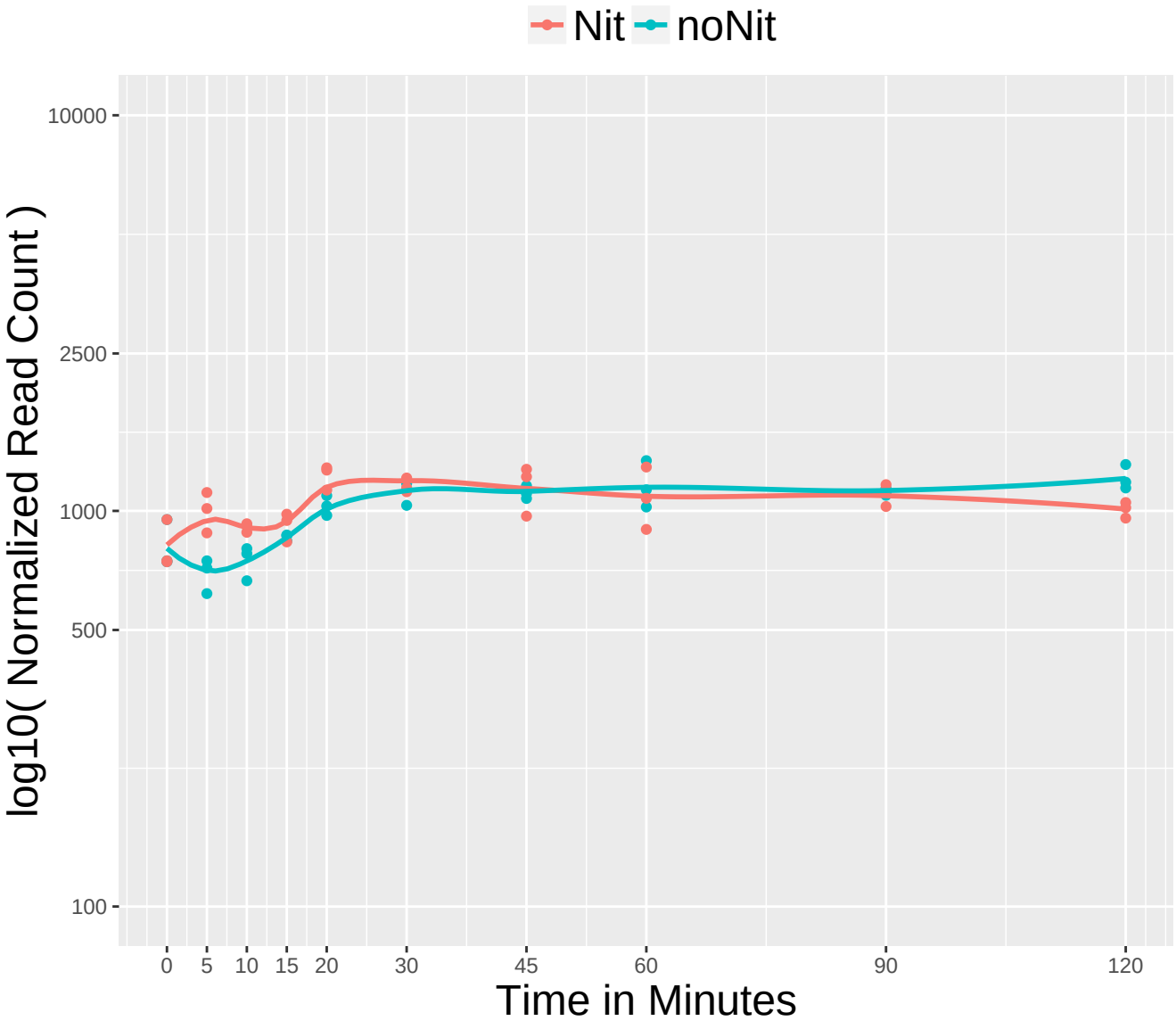
GAUT11,galacturonosyltransferase



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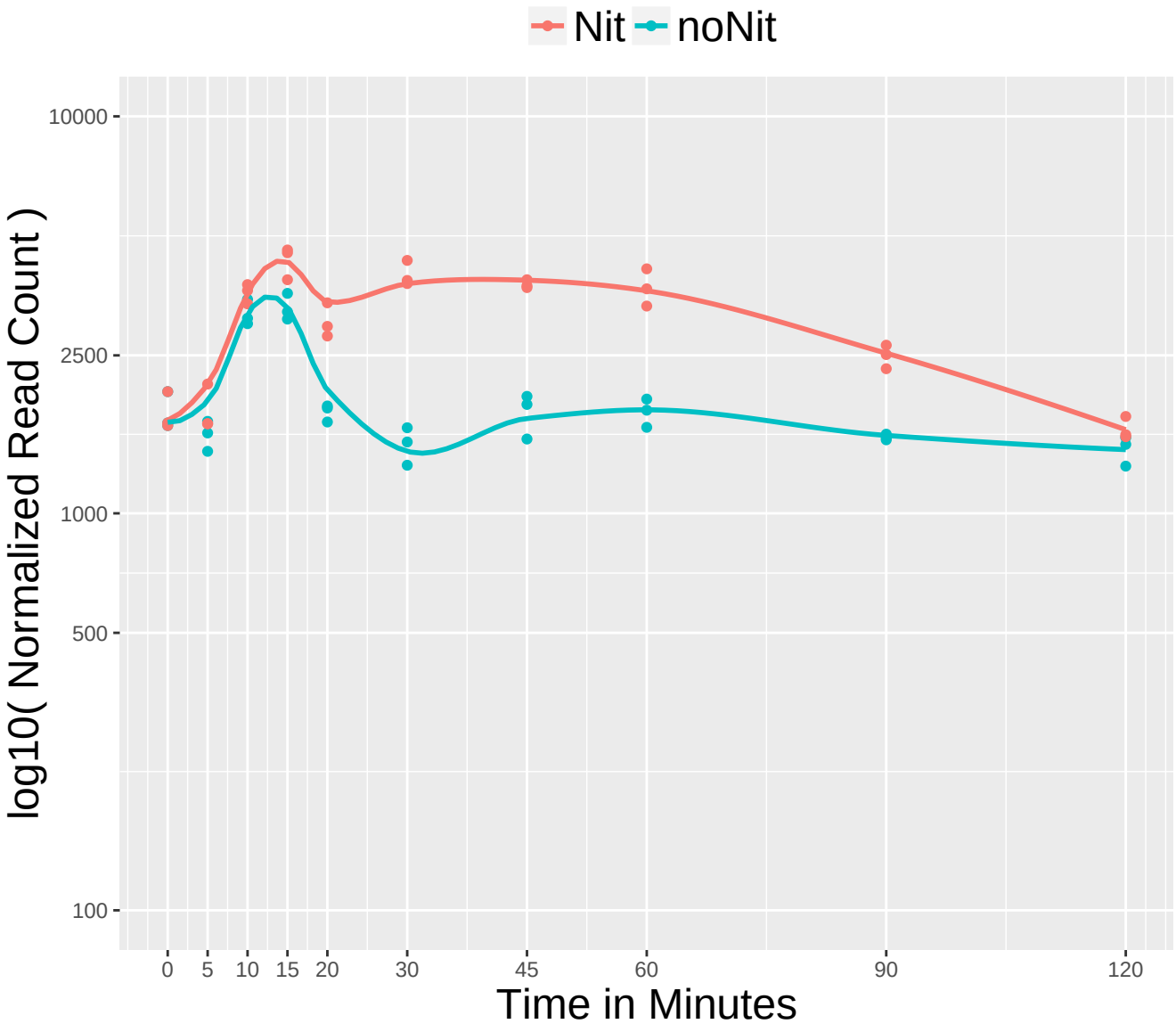
ABF2,abscisic



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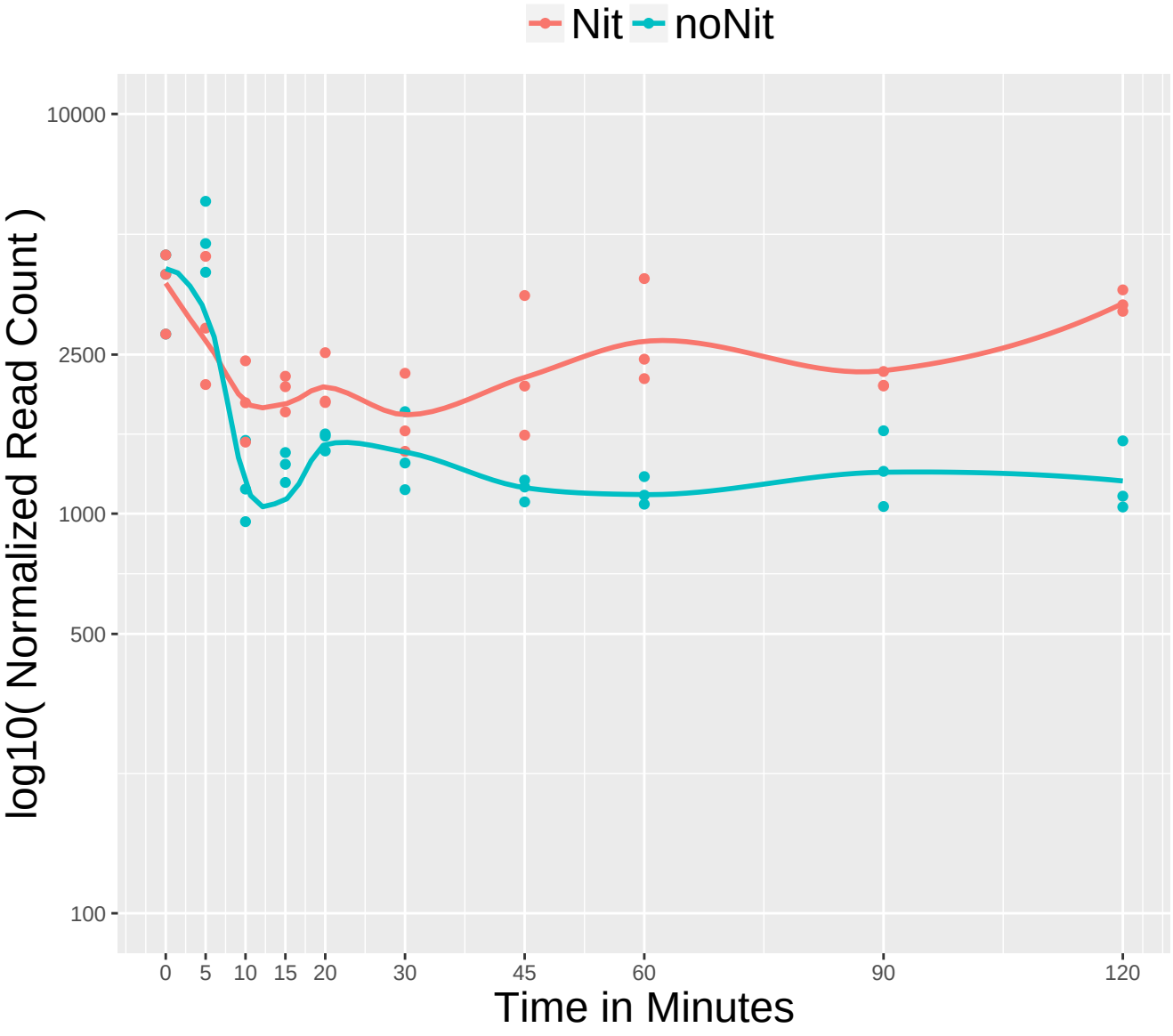
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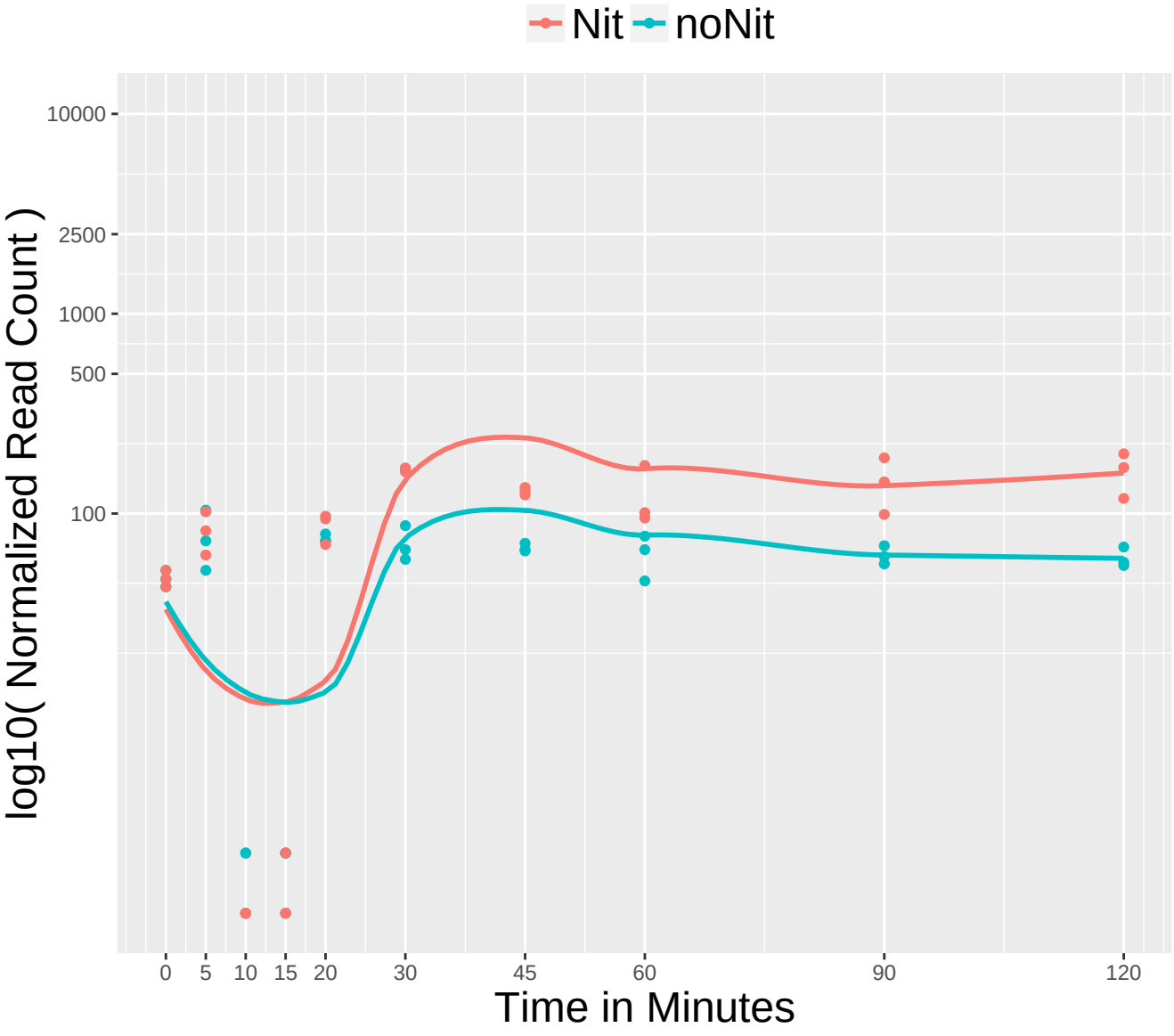
AT1G66173

other



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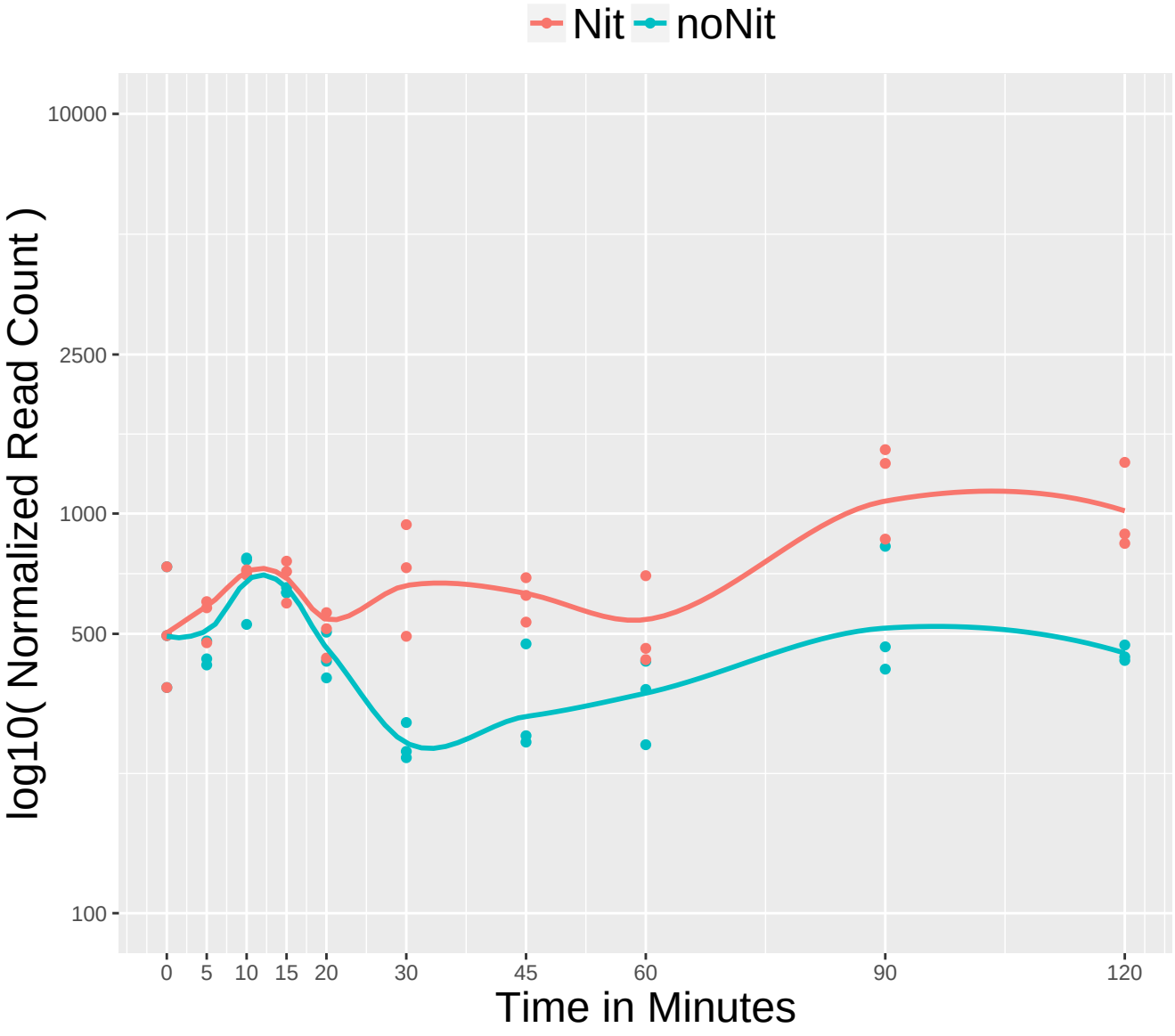

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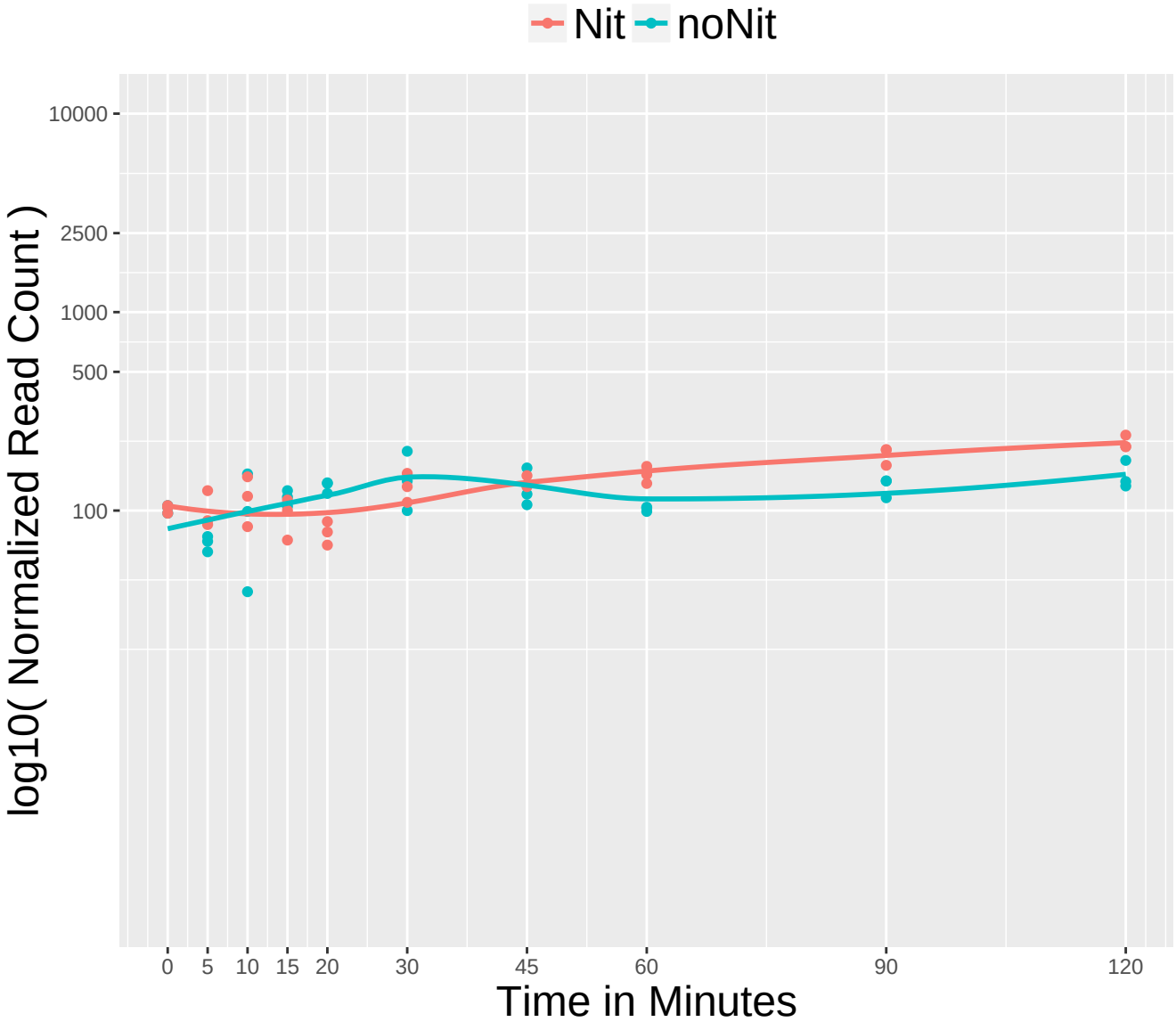
DRS1,DROUGHT



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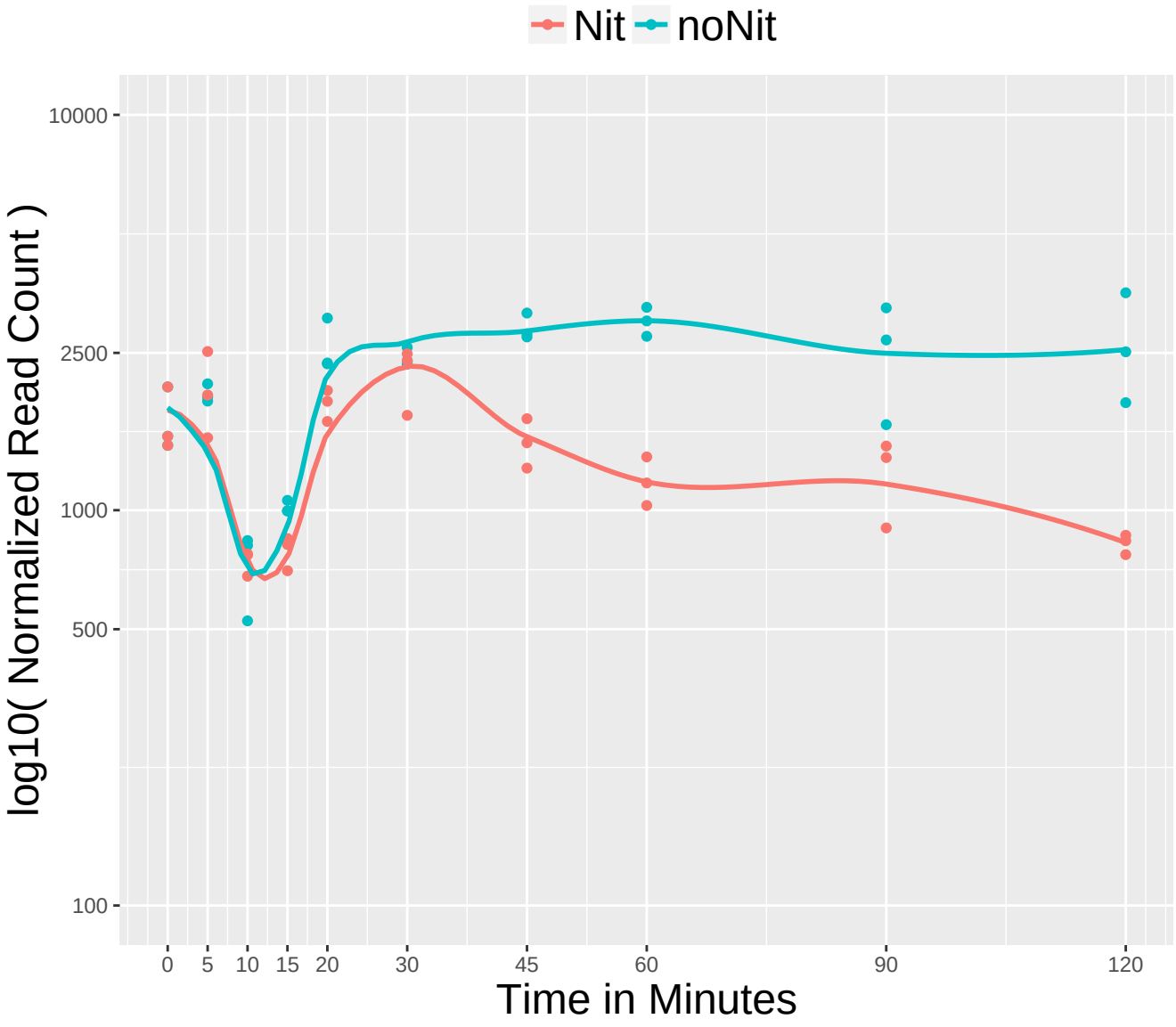
PARG2,poly(ADP−ribose)



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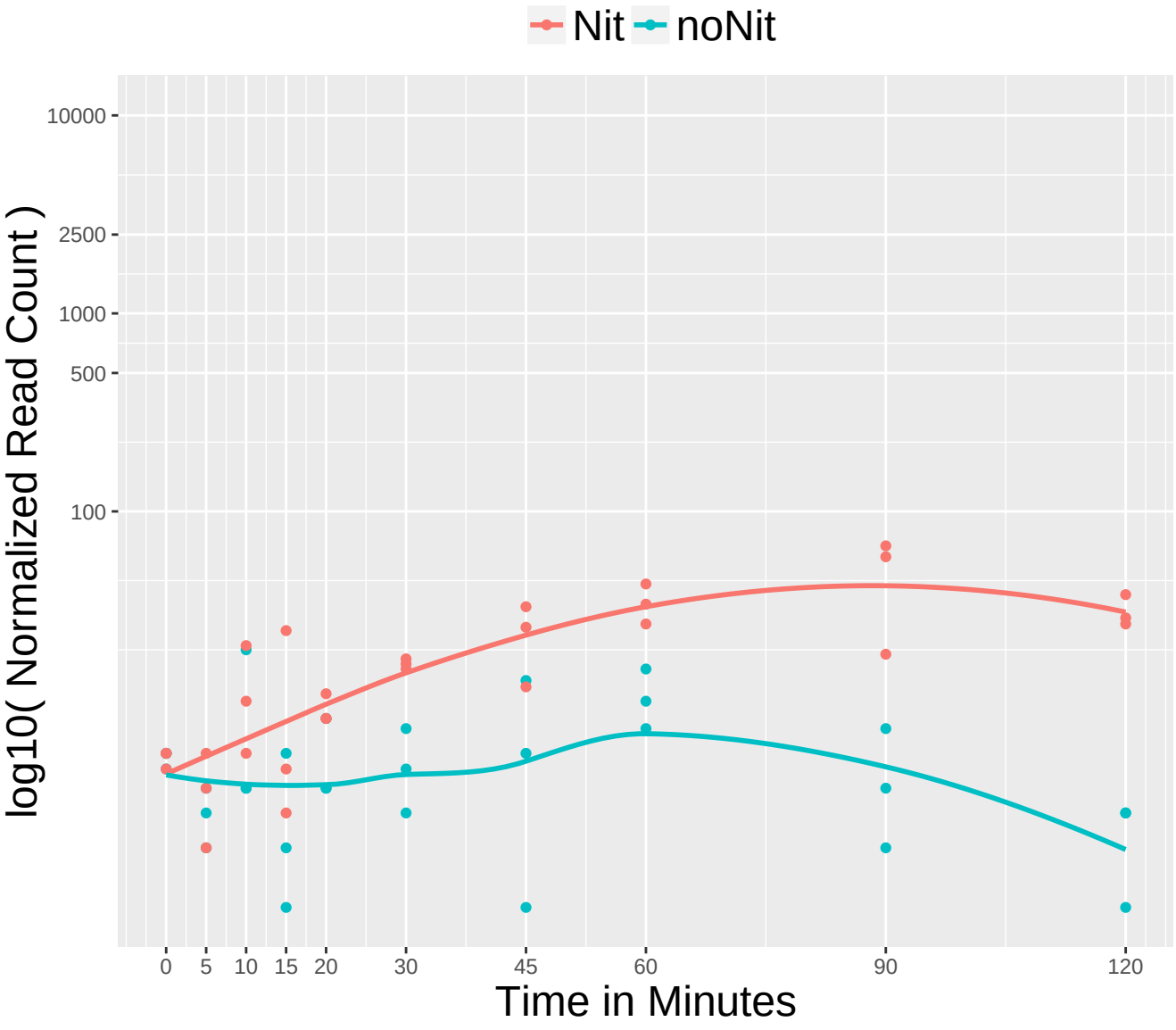
Ubiquitin−conjugating



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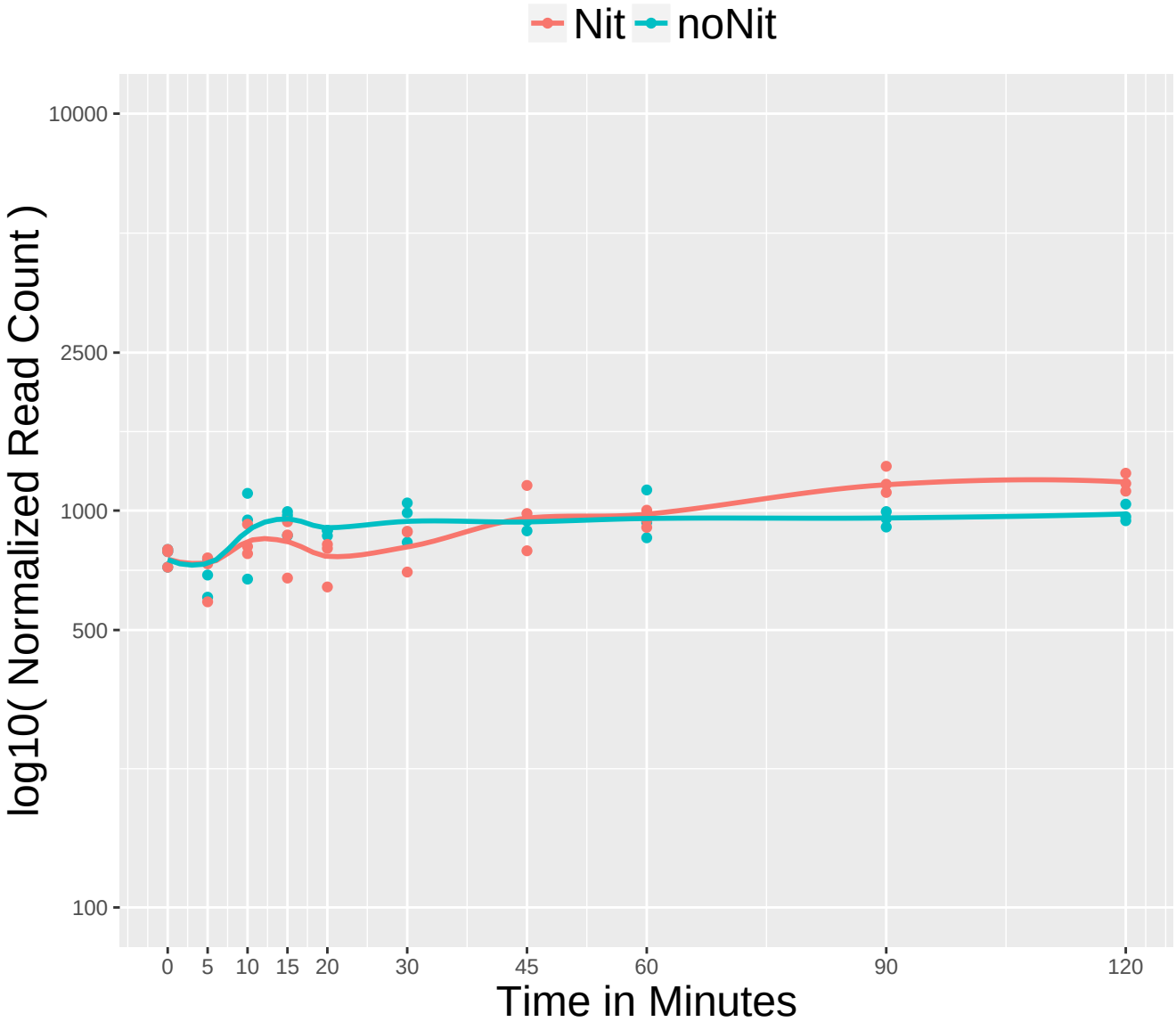
CDC48C,cell



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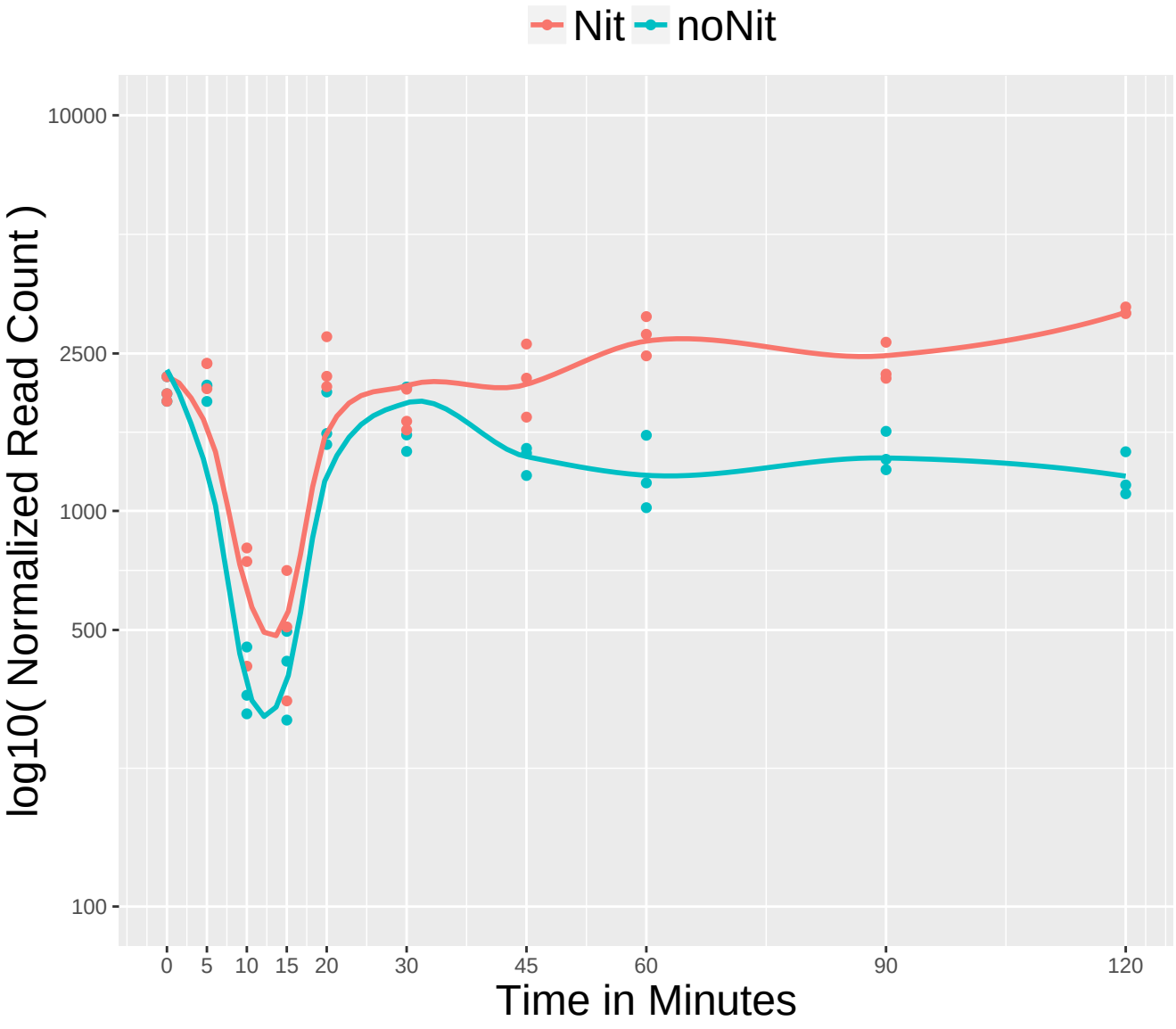
RNA−binding



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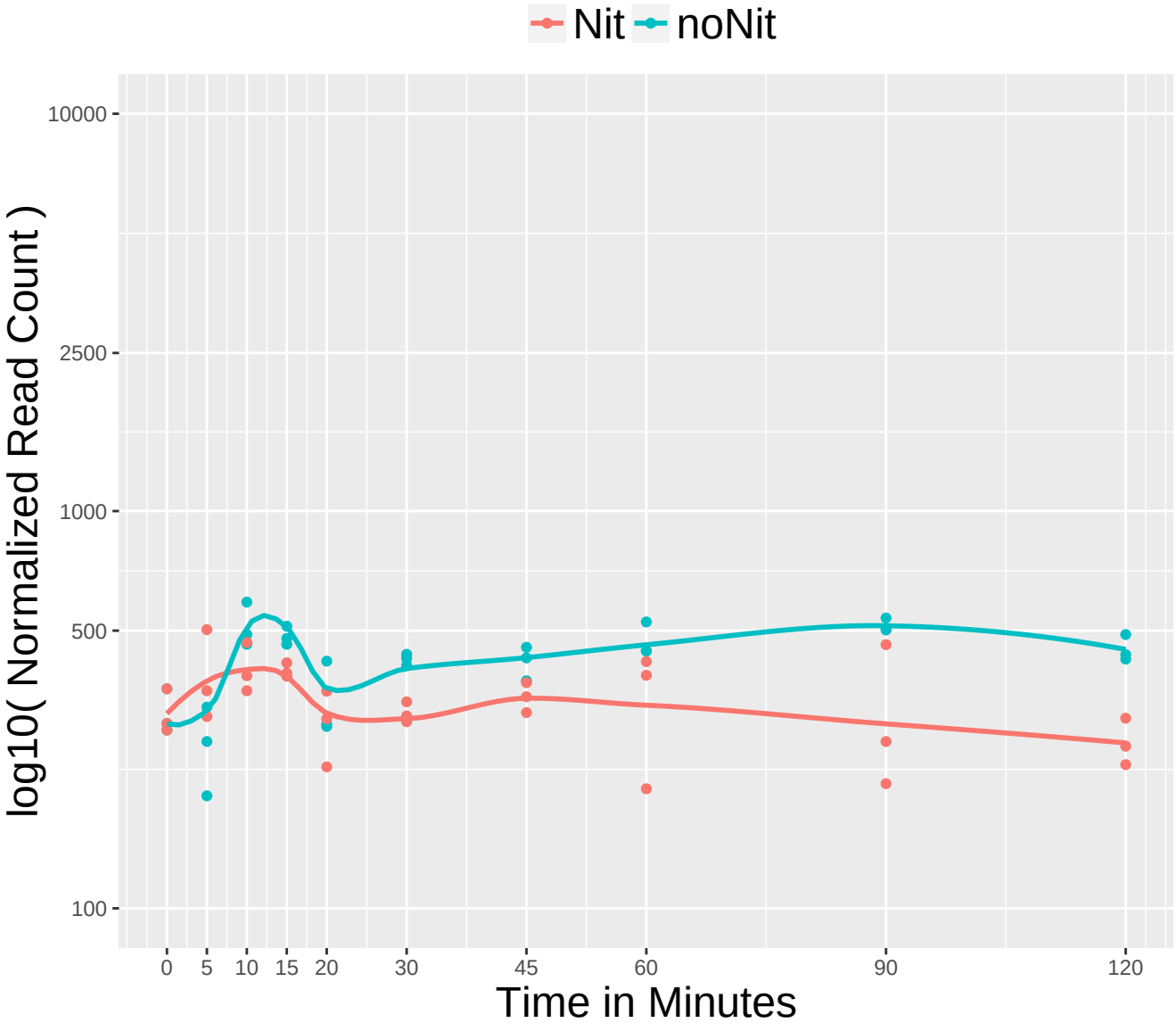
TCP2,,TCP2,TEOSINTE



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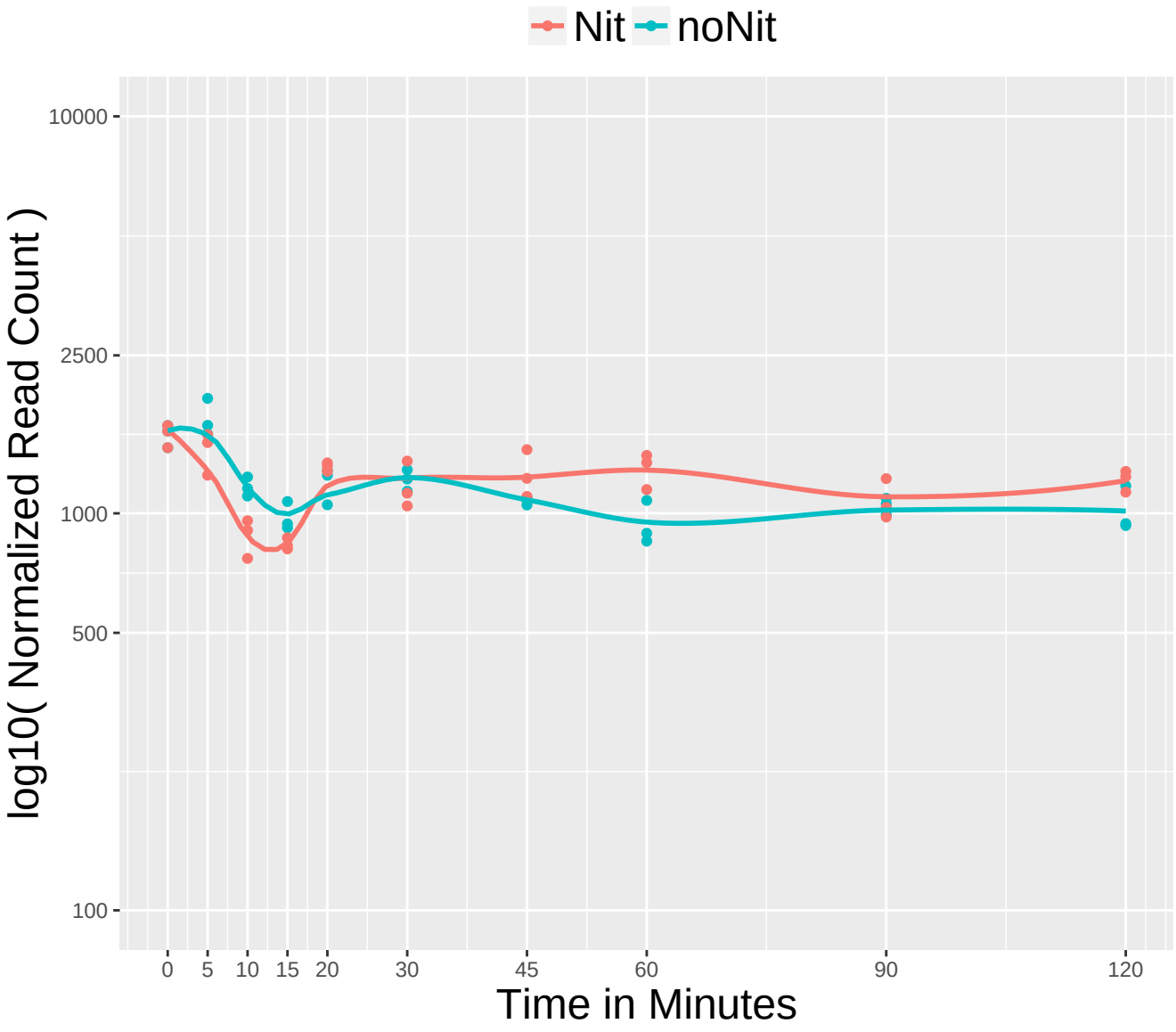
EBS,EARLY



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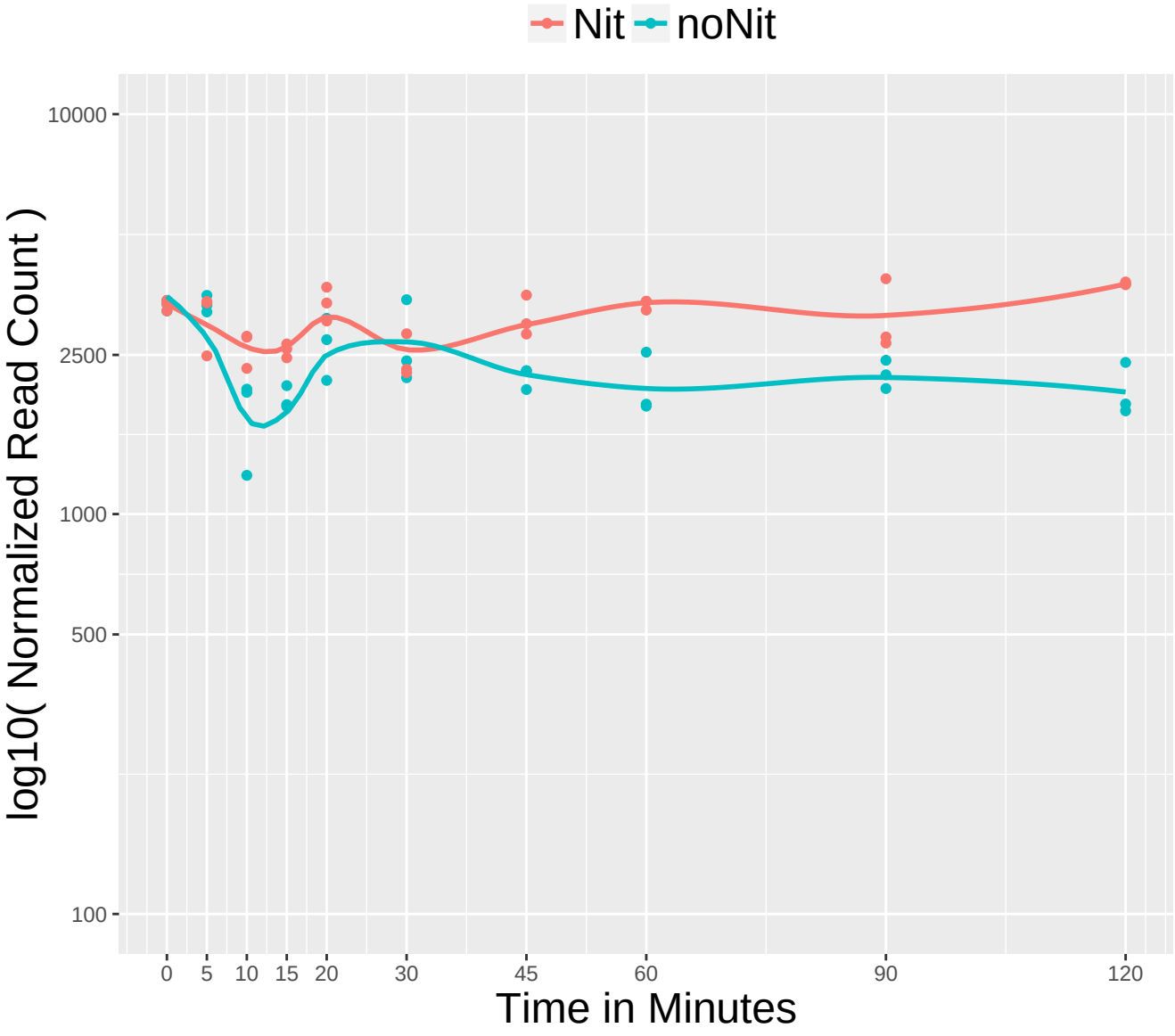
Transducin/WD40



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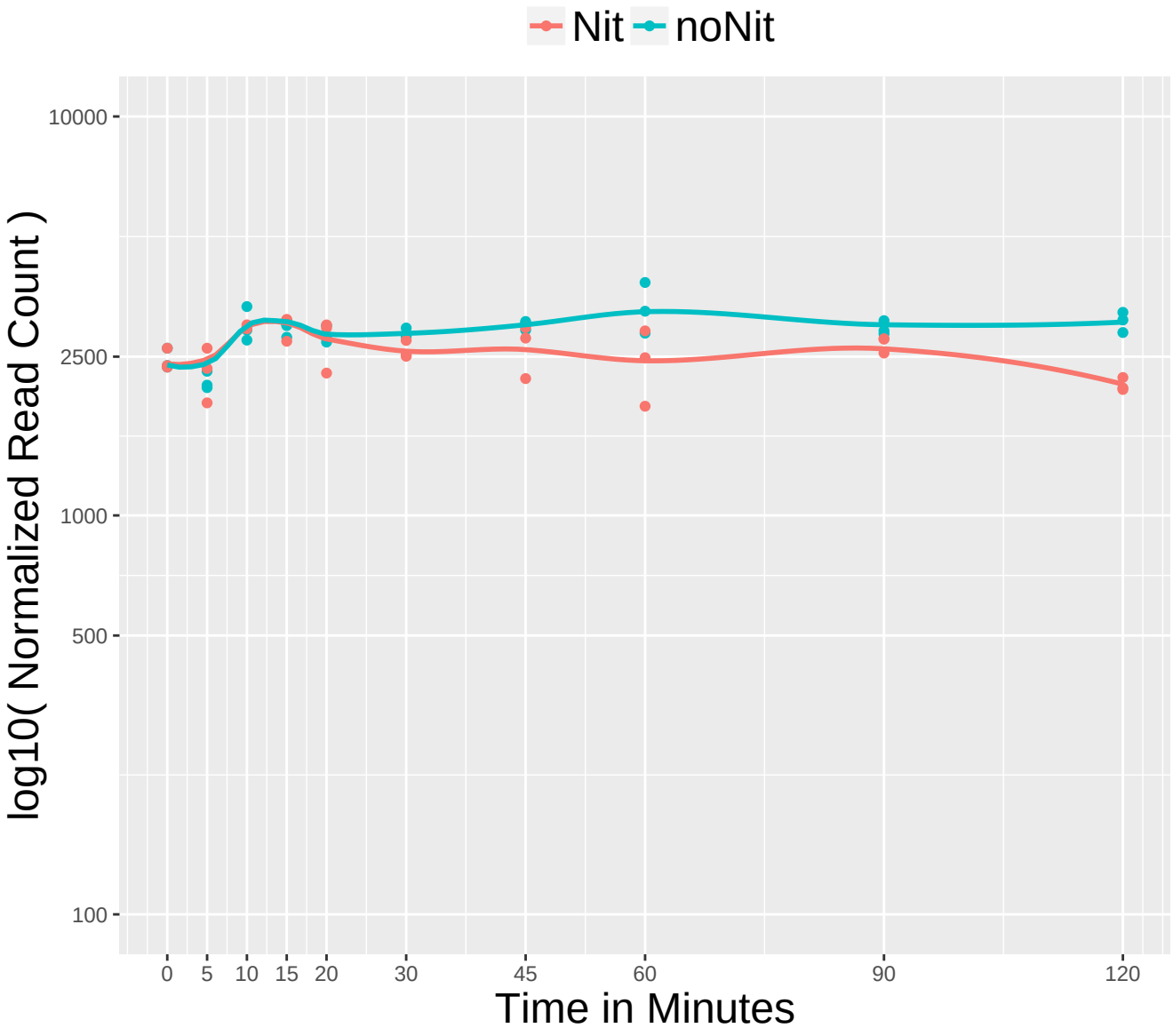

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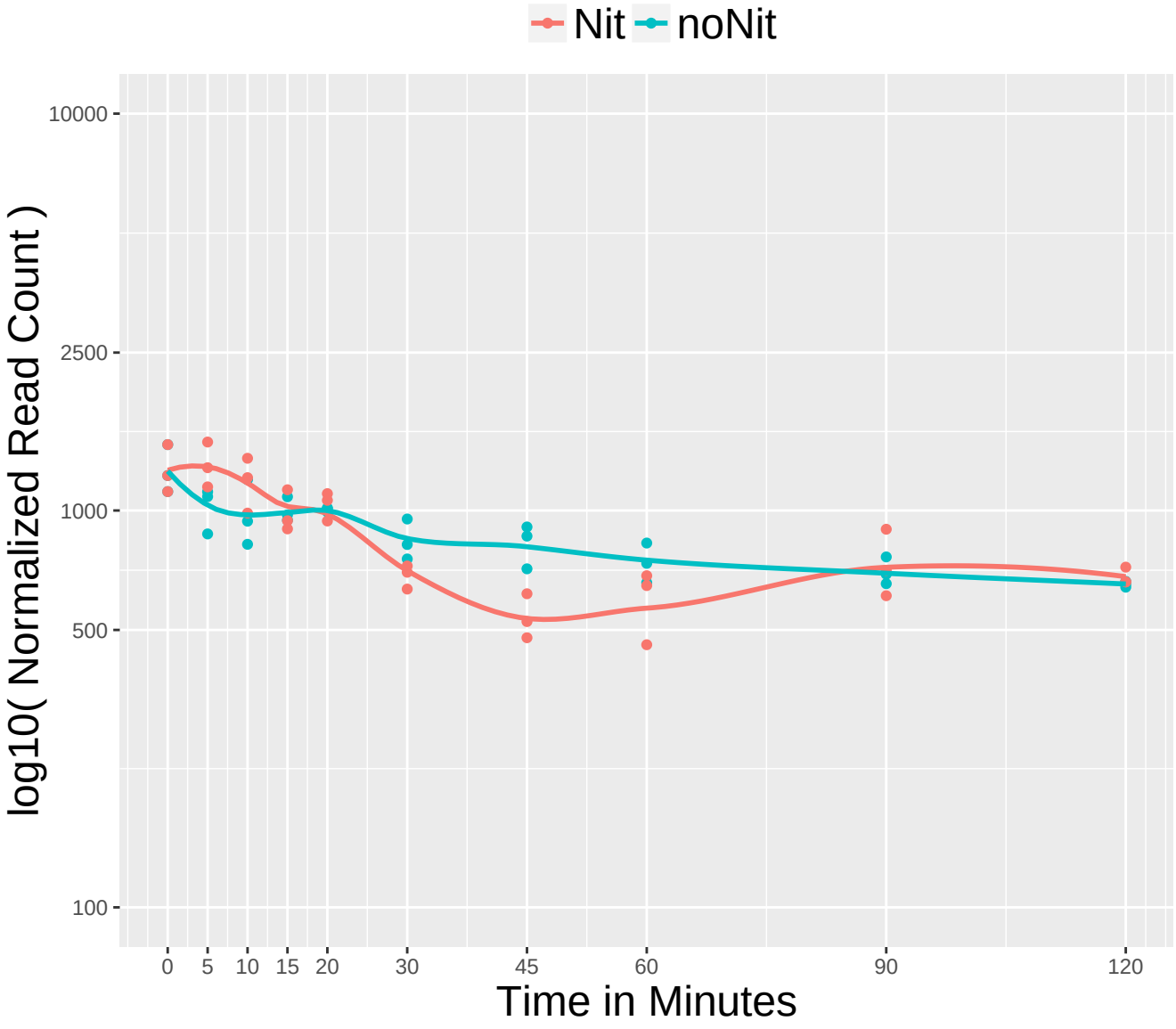
PSY,PHYTOENE



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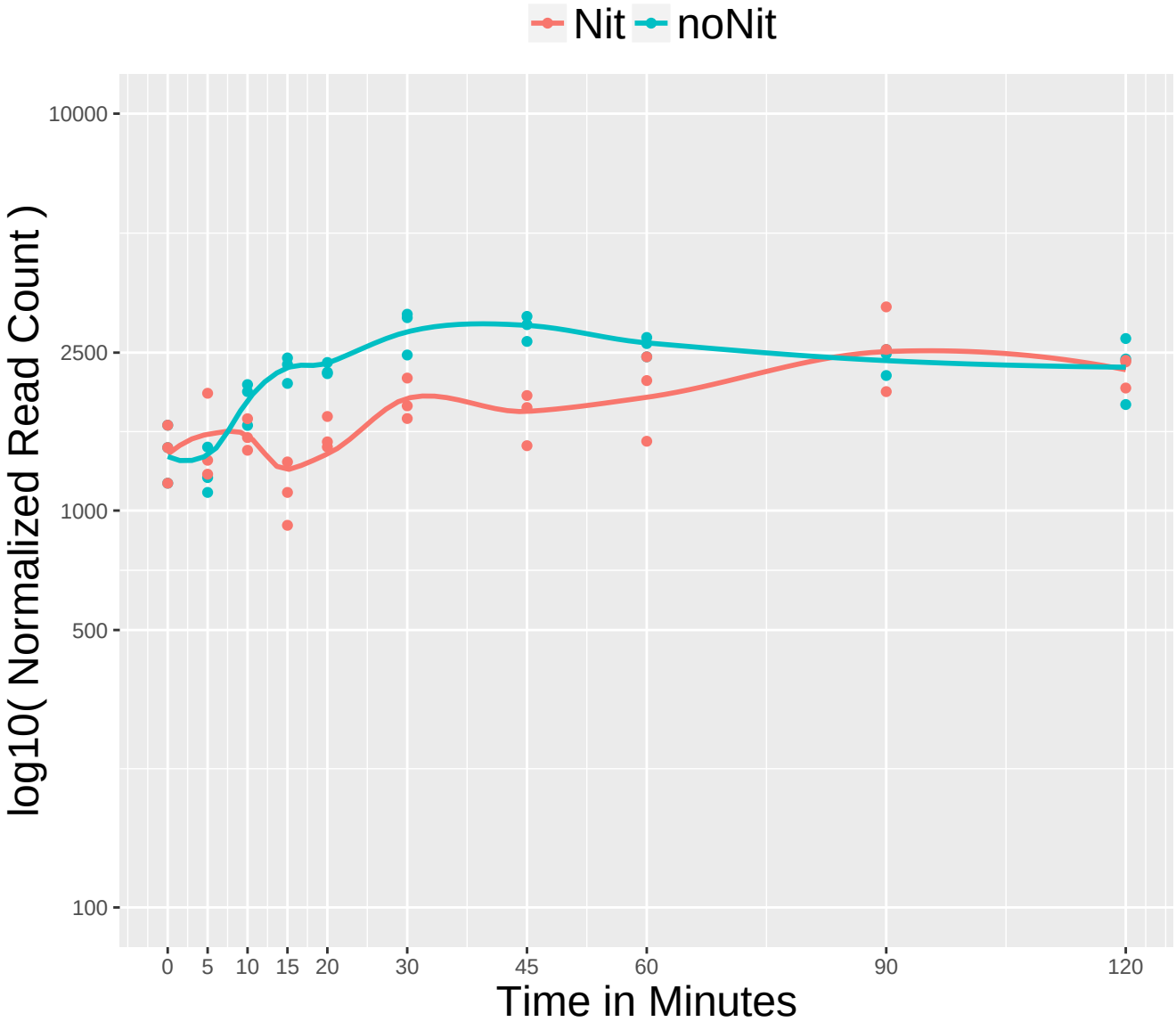
RS5,raffinose



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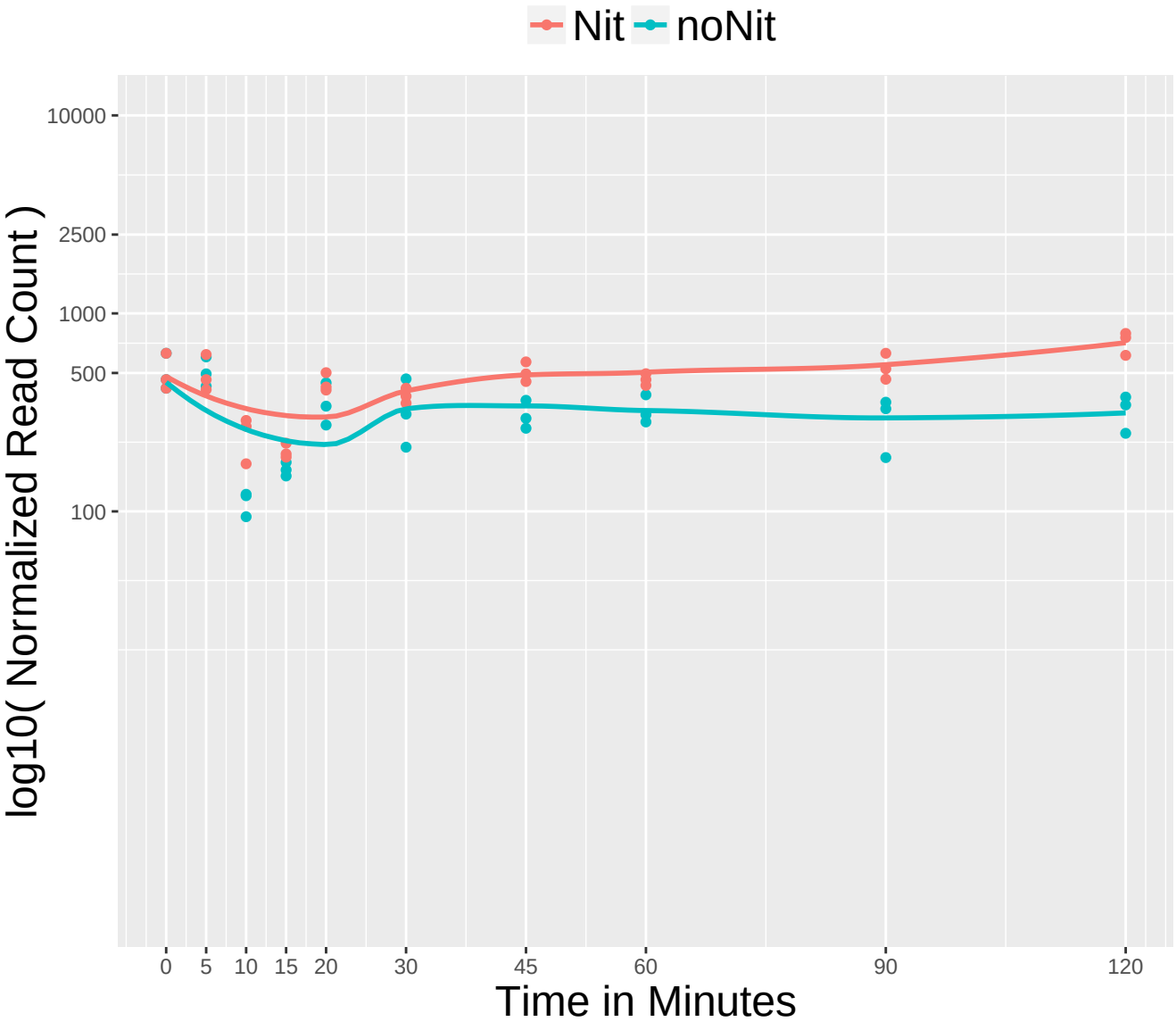
DRB5,dsRNA−binding



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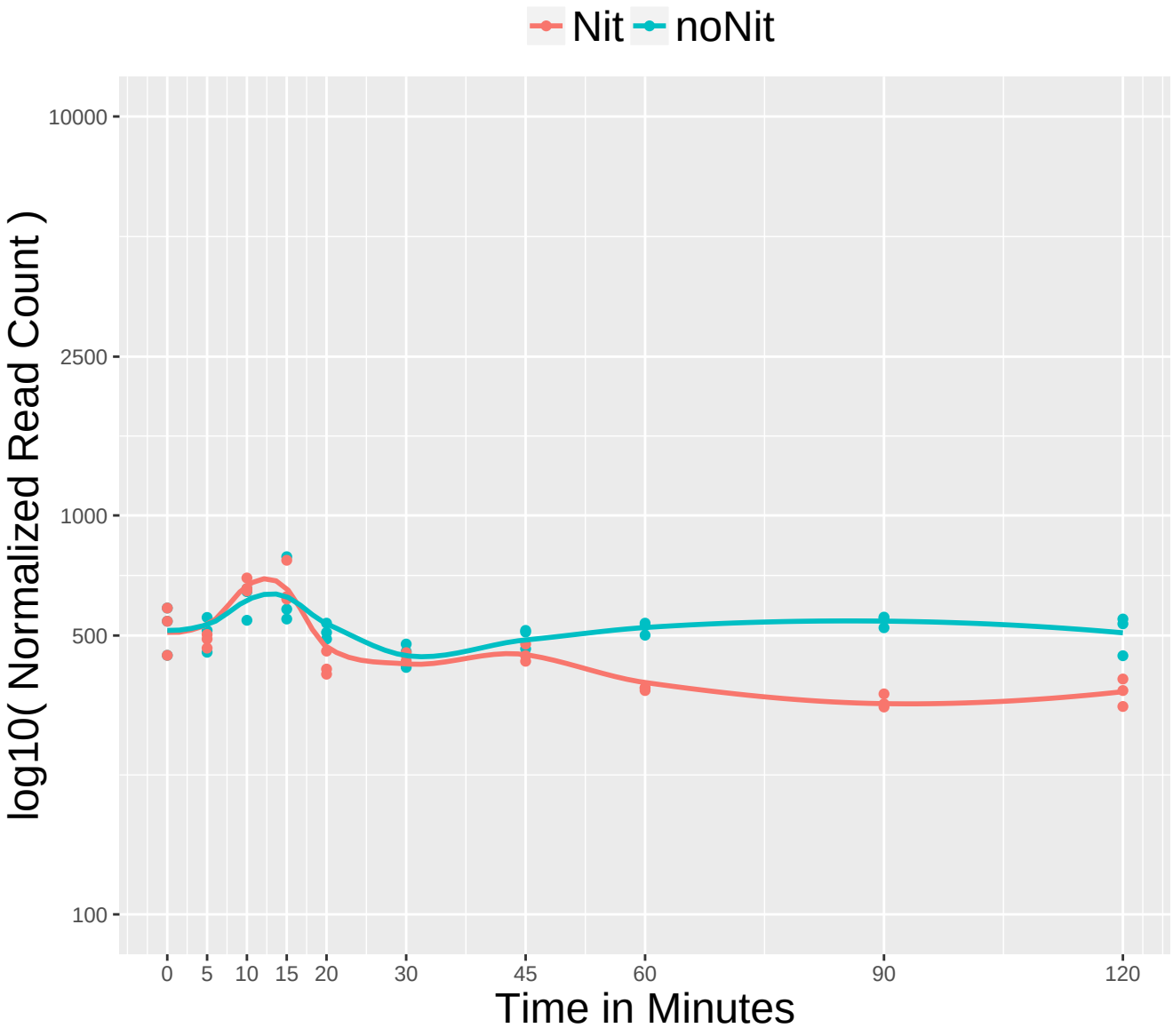

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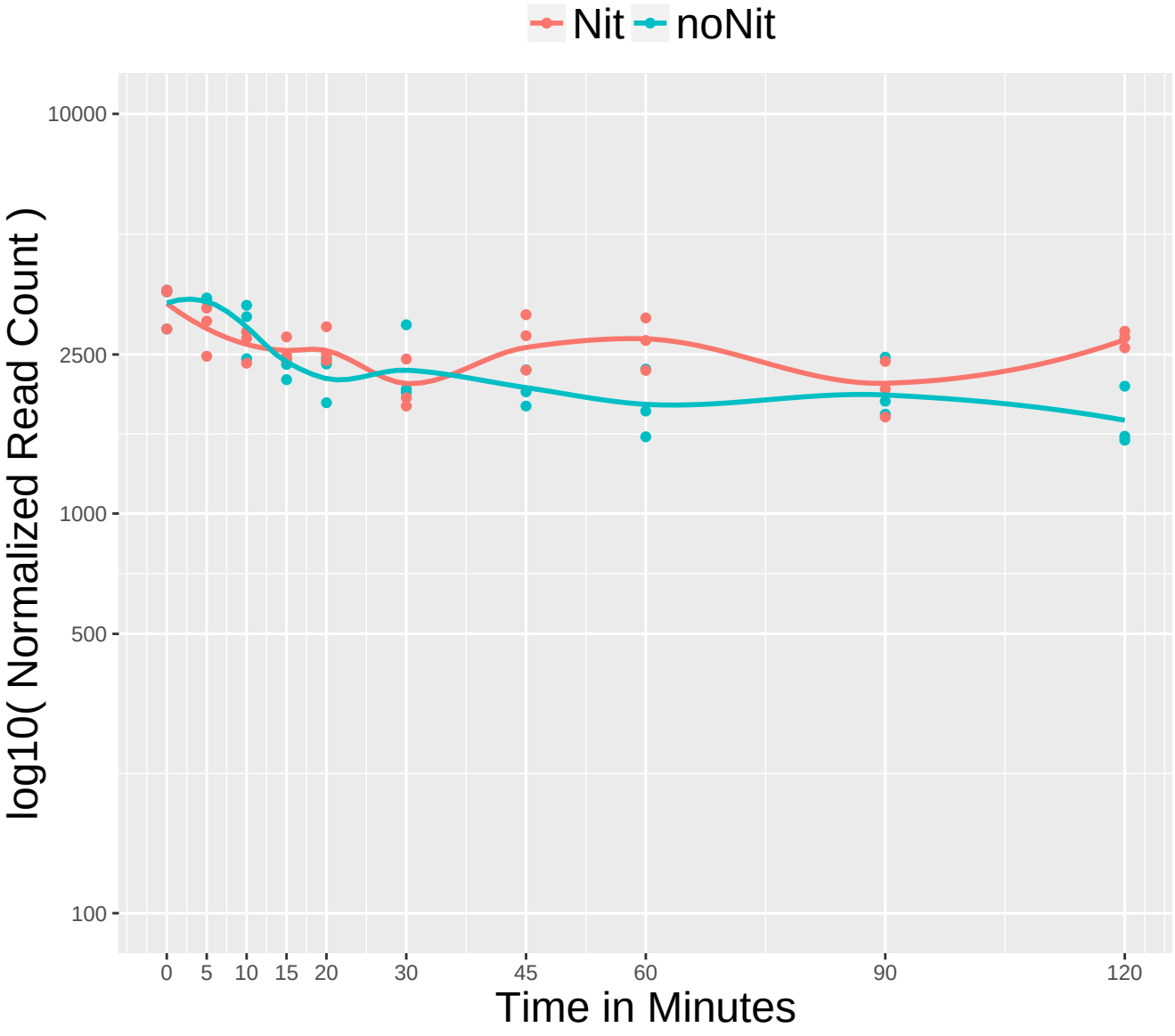

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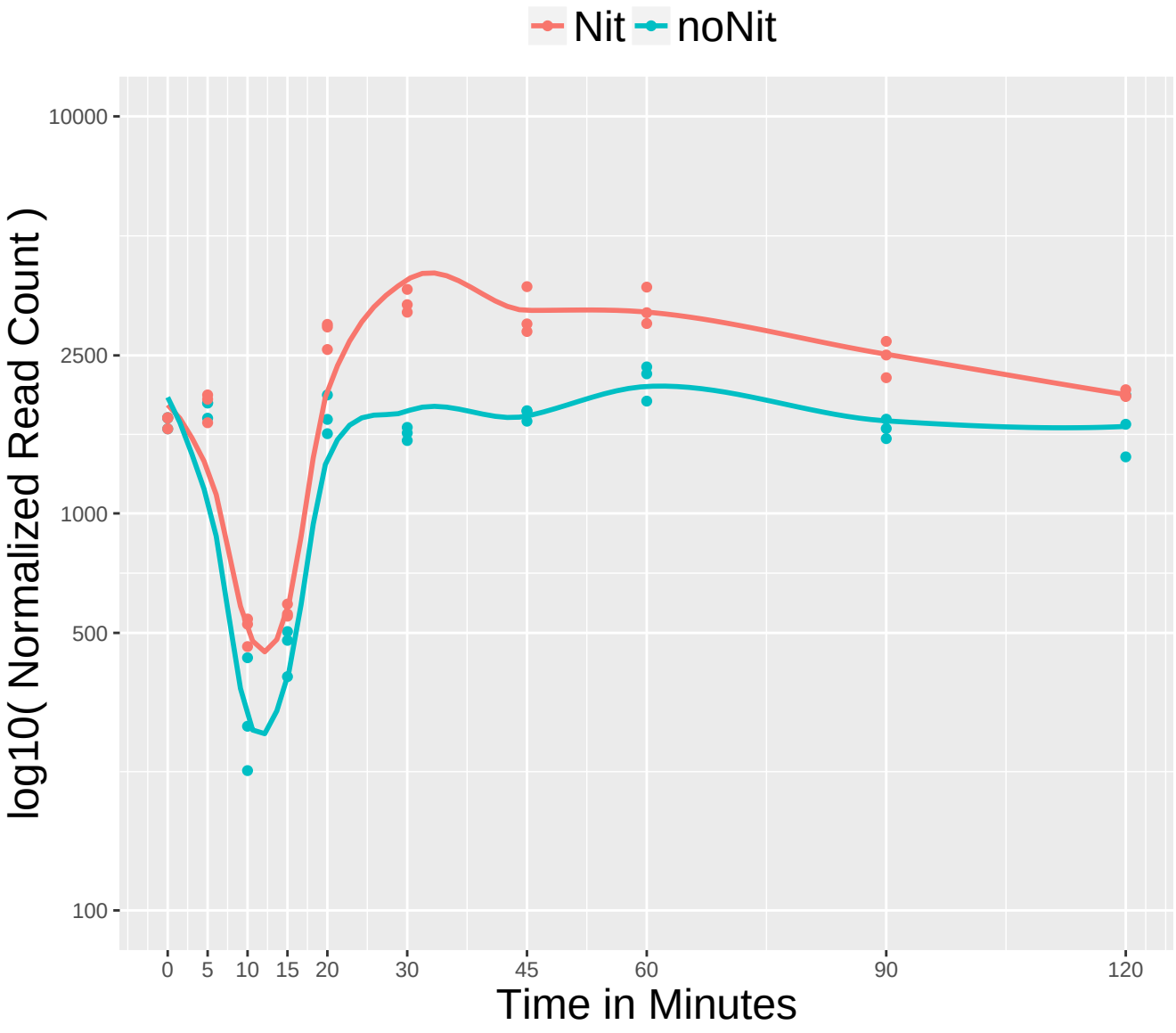
TPK1,thiamin



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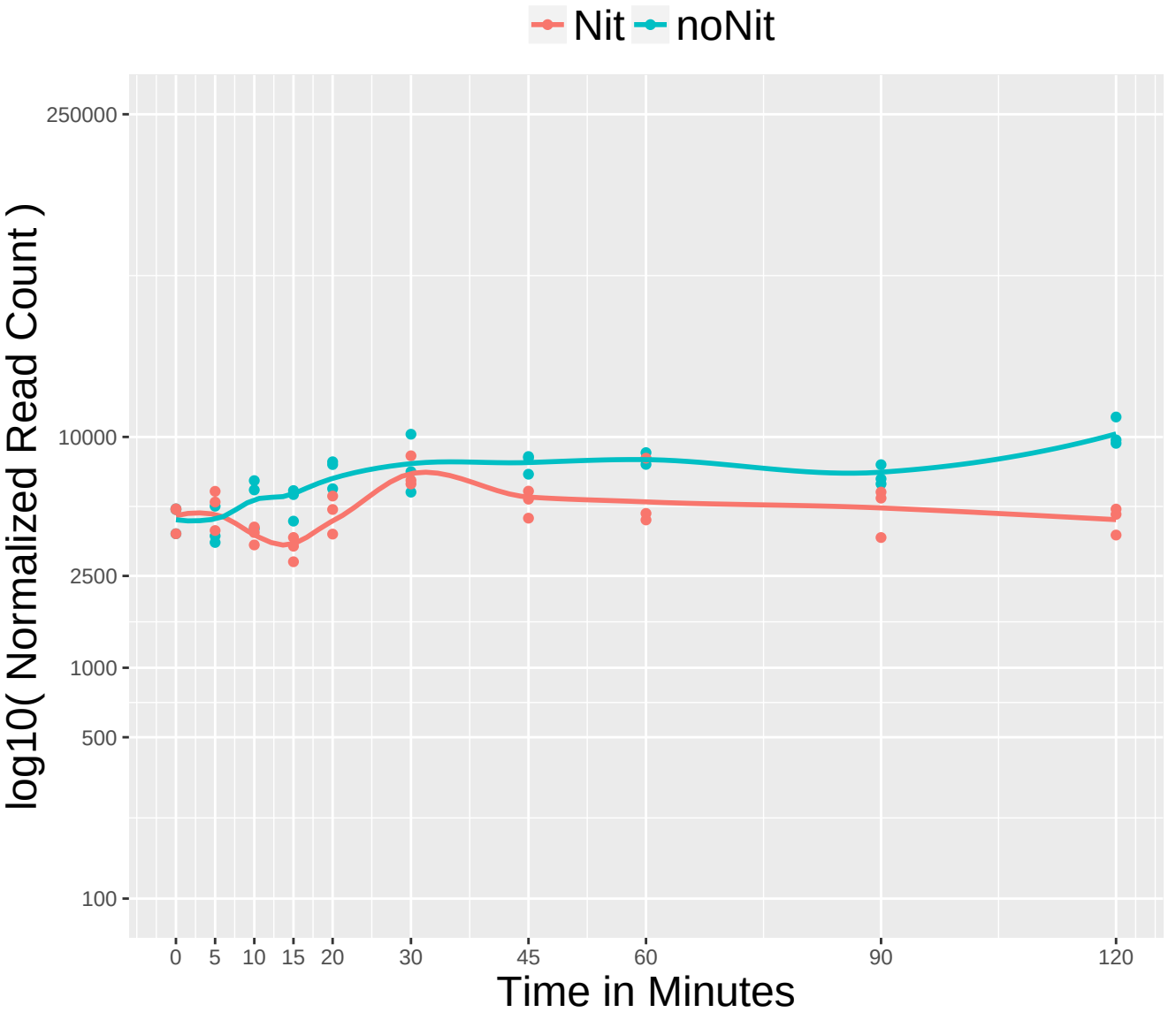
PGDH,3−phosphoglycerate



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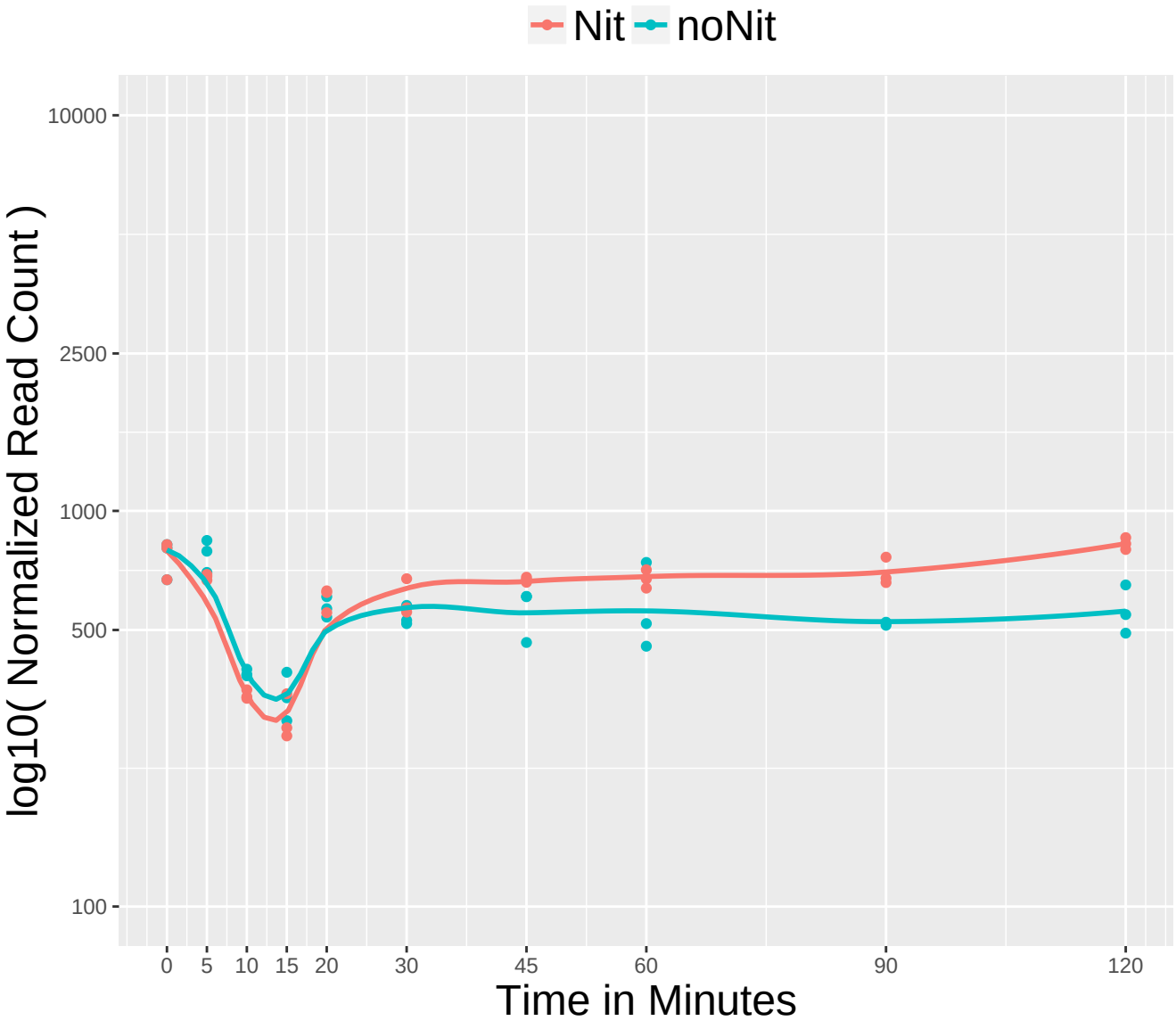
2−oxoglutarate



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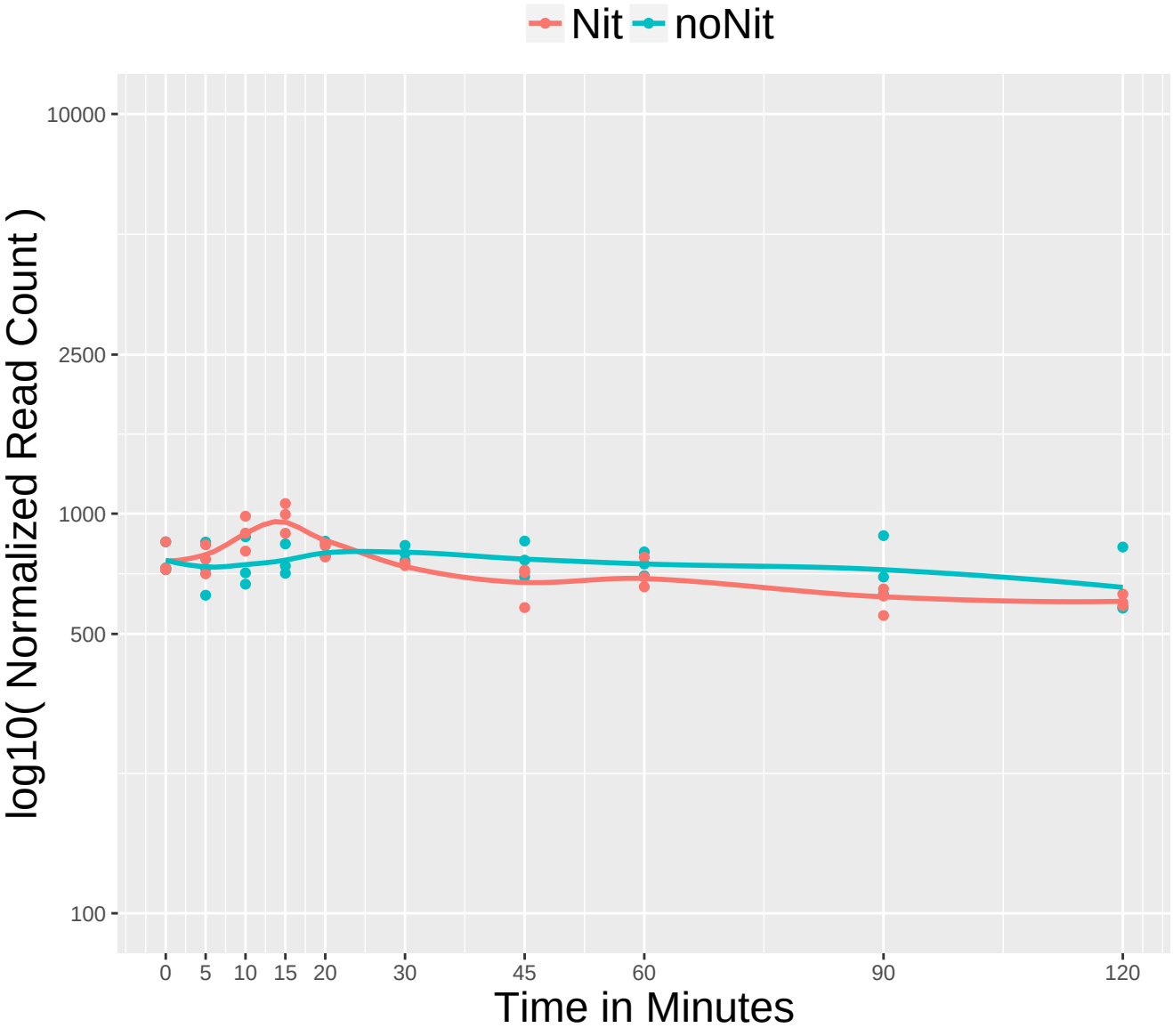
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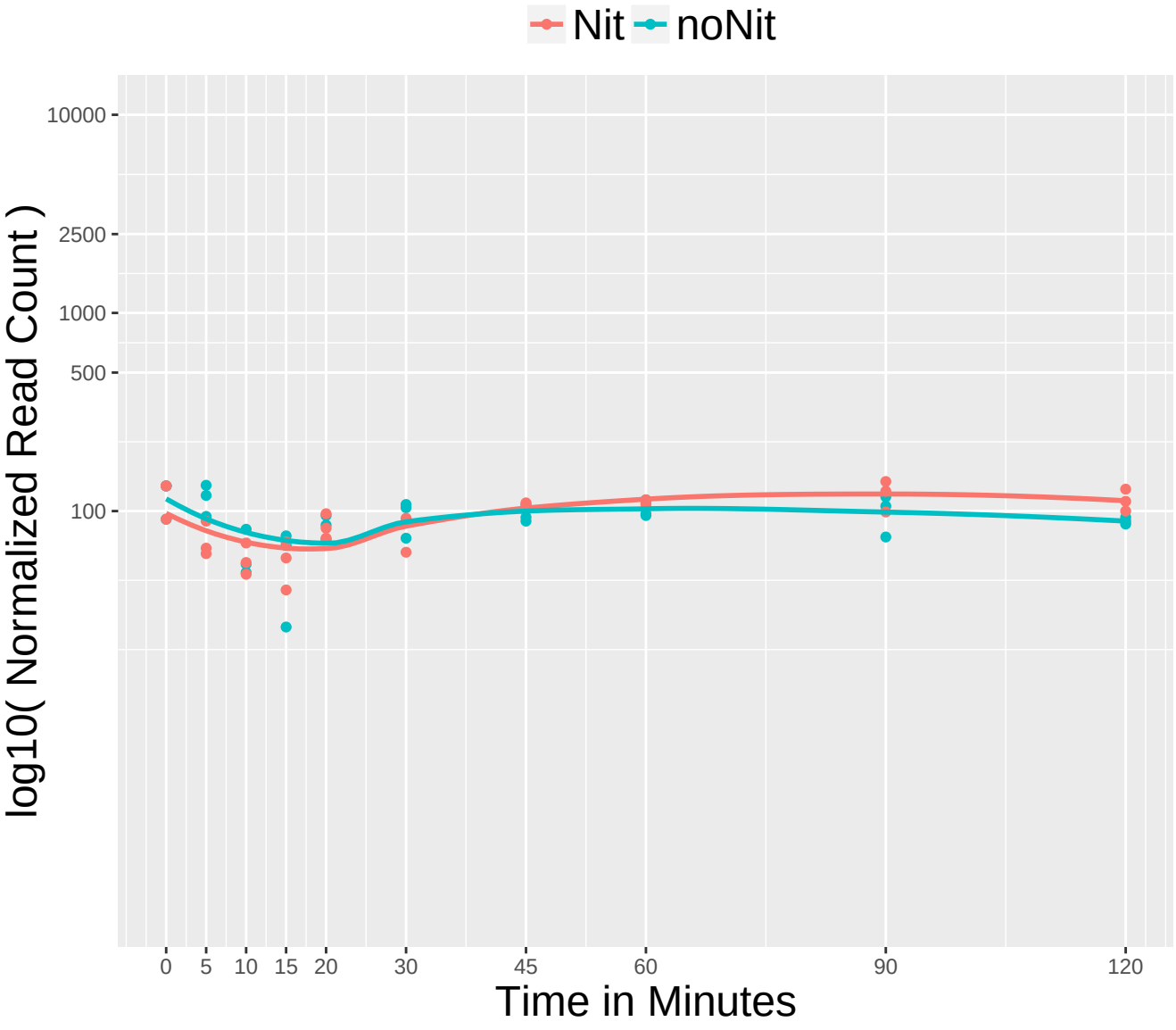
AT1G65120

Ubiquitin



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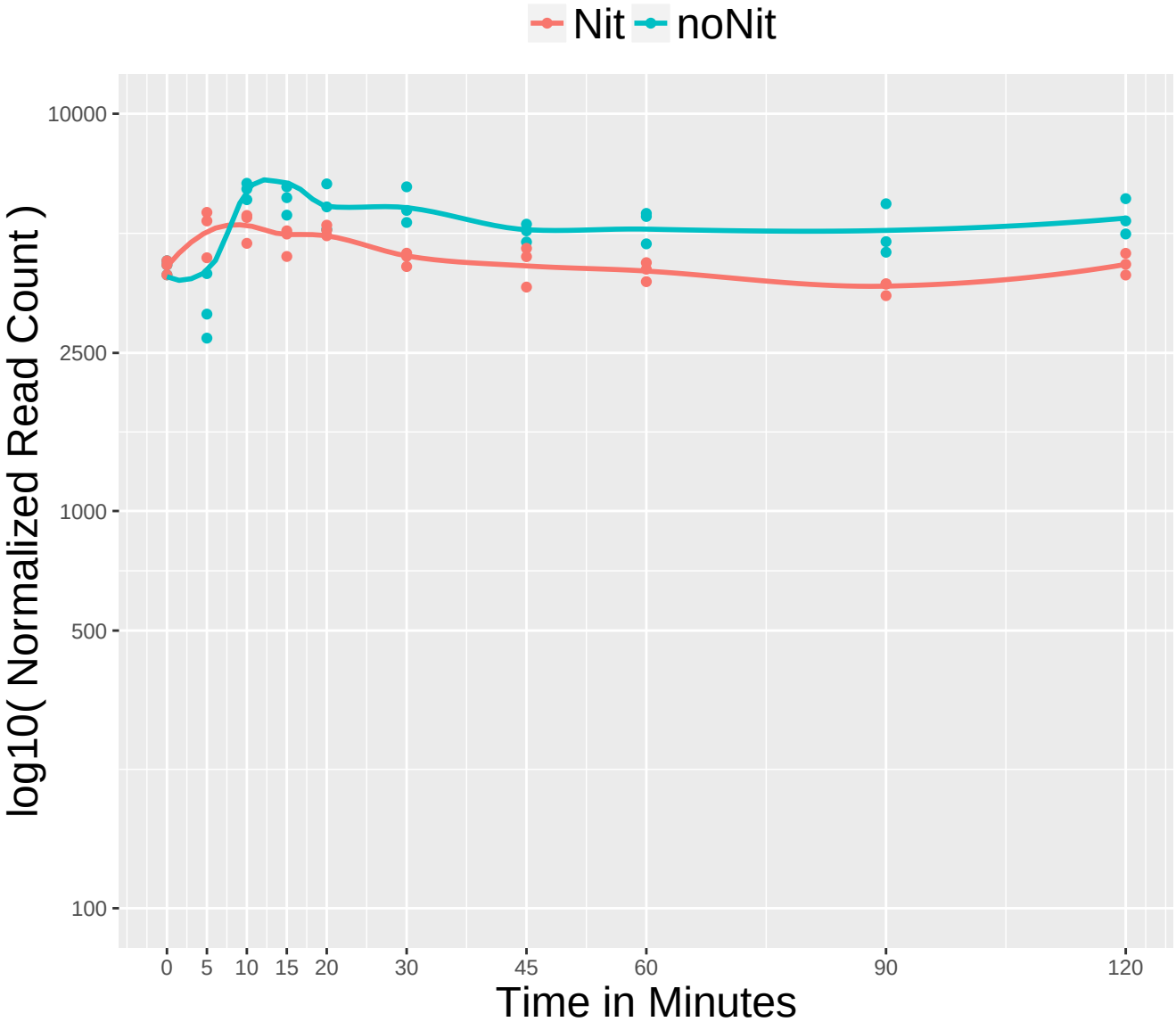
SMT3,sterol



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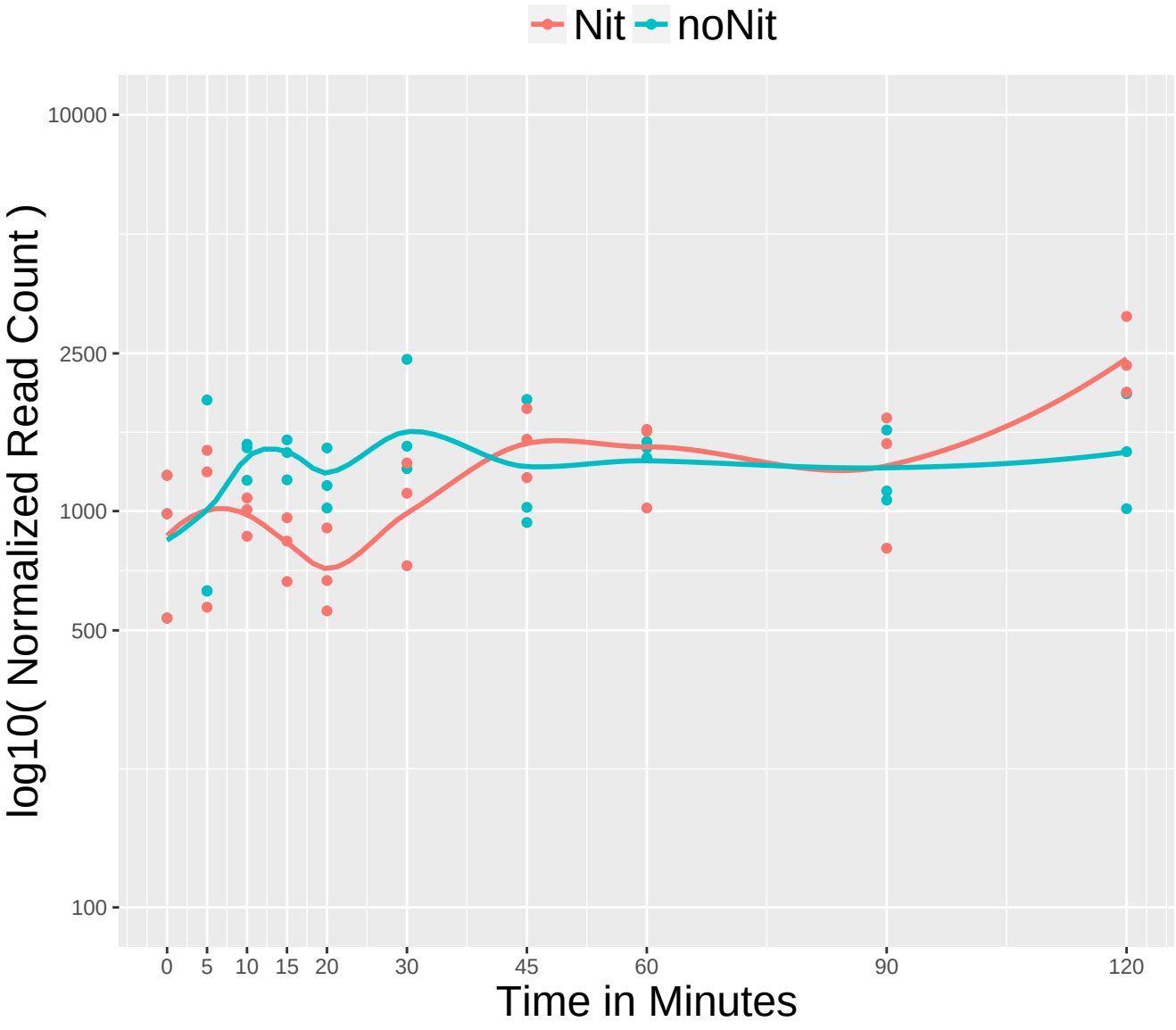

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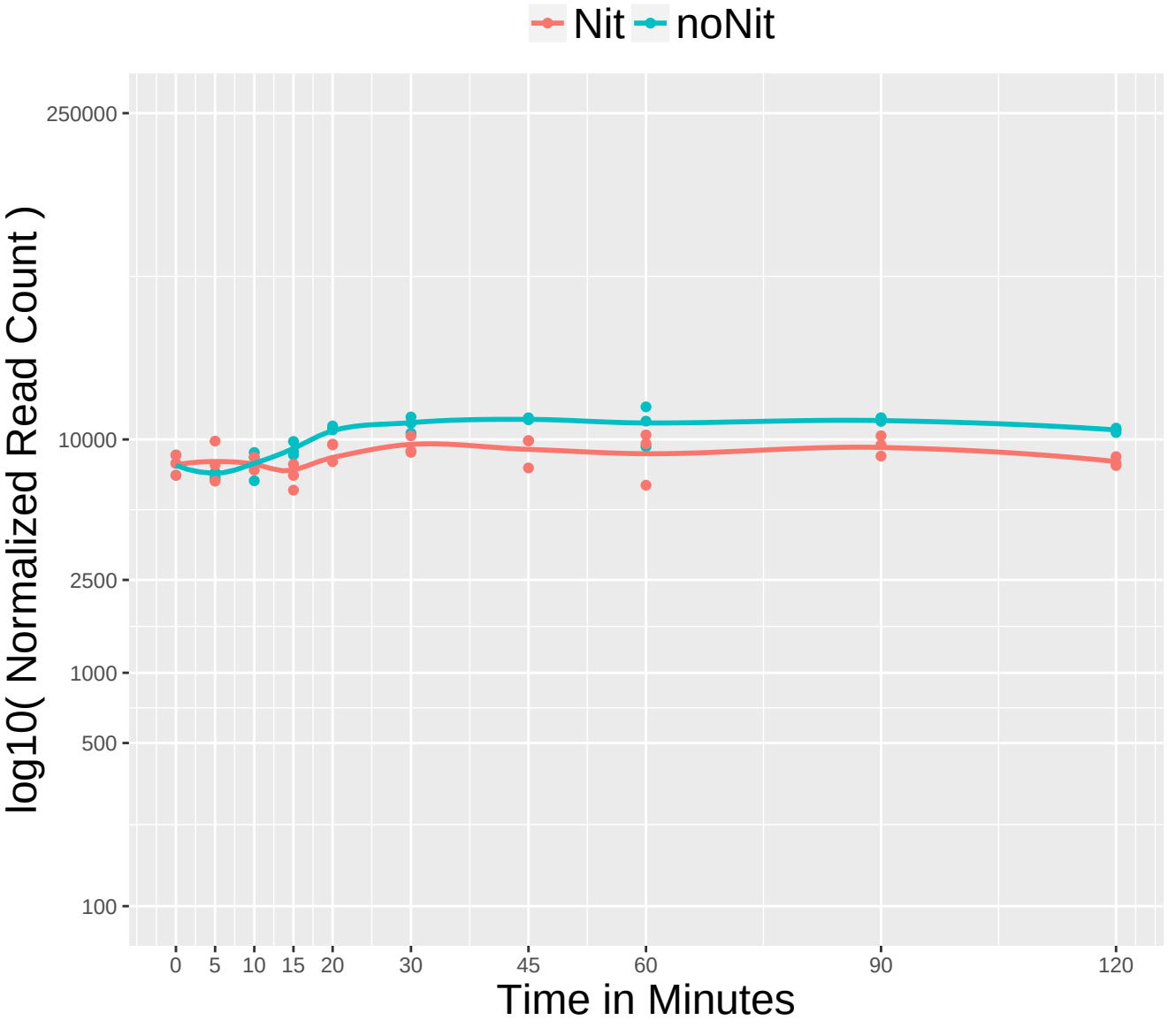

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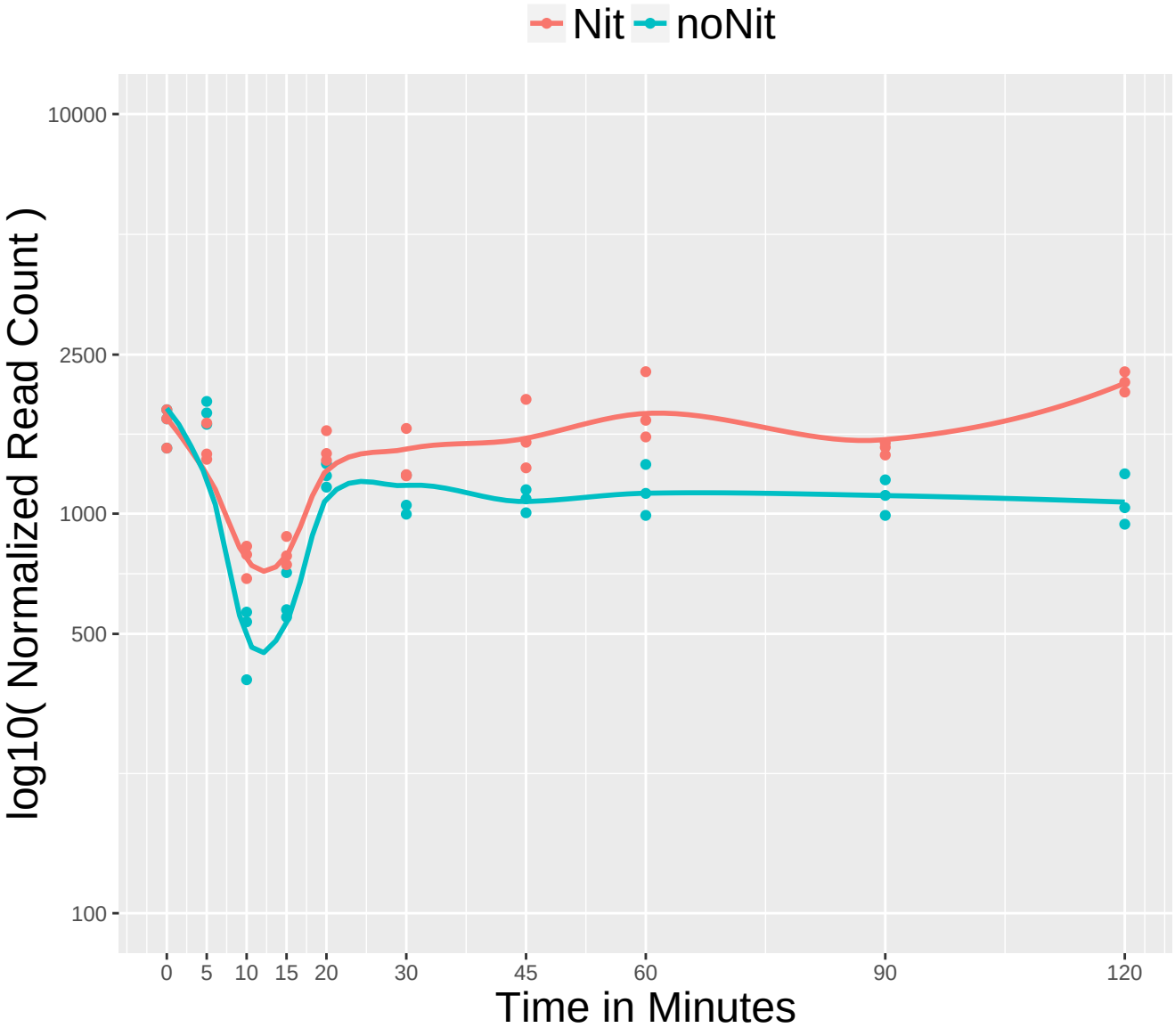

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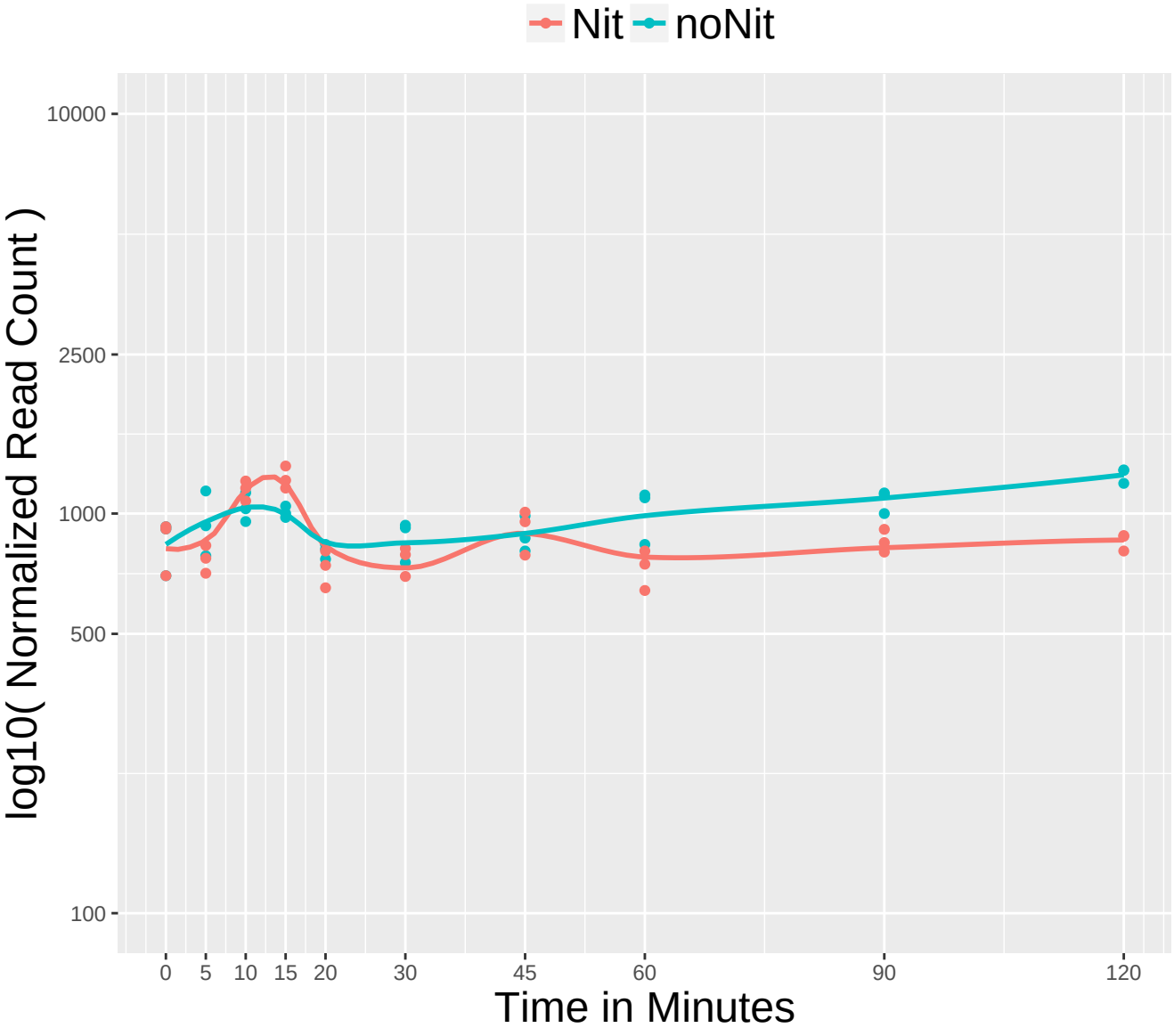
Kinesin



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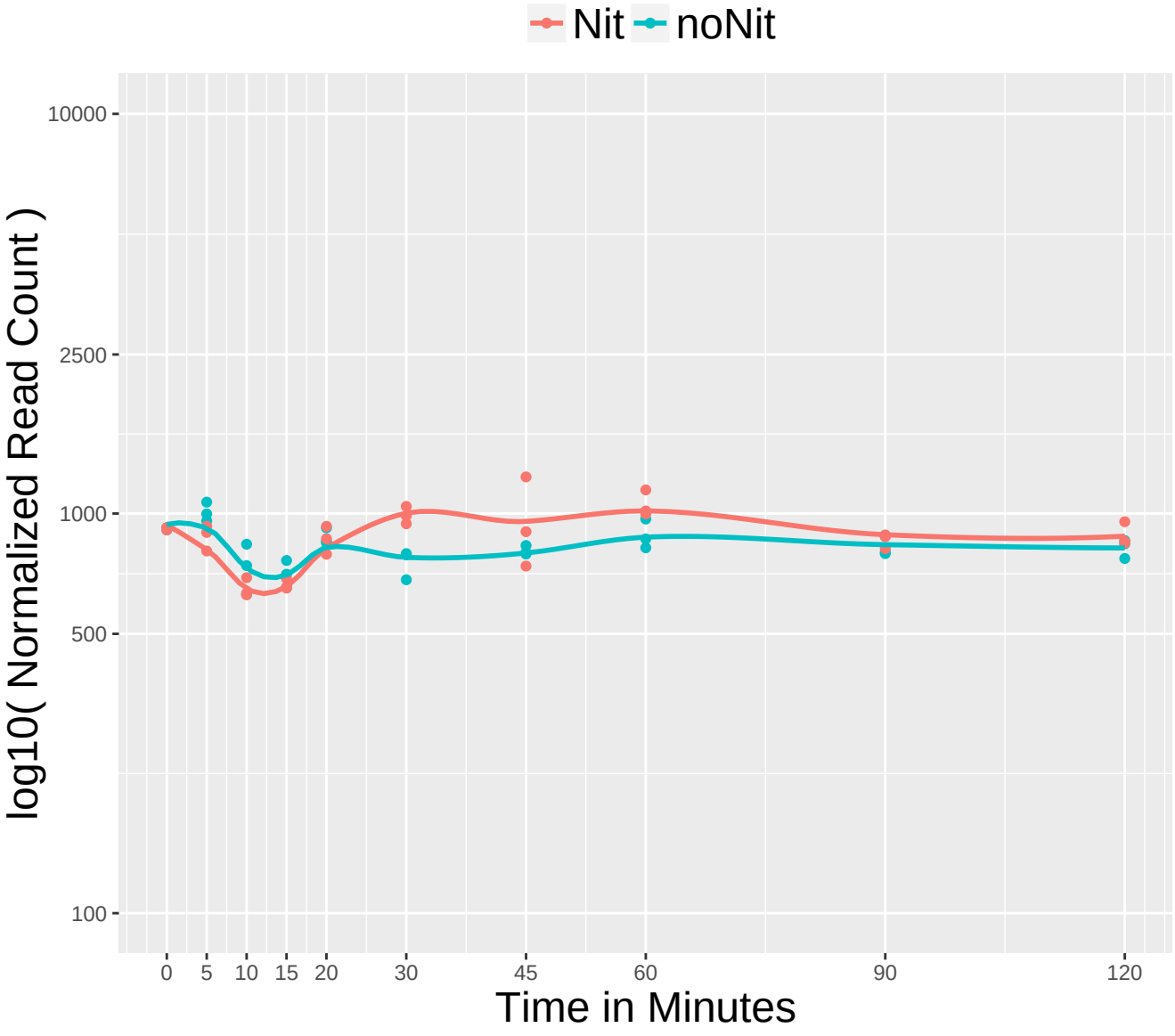

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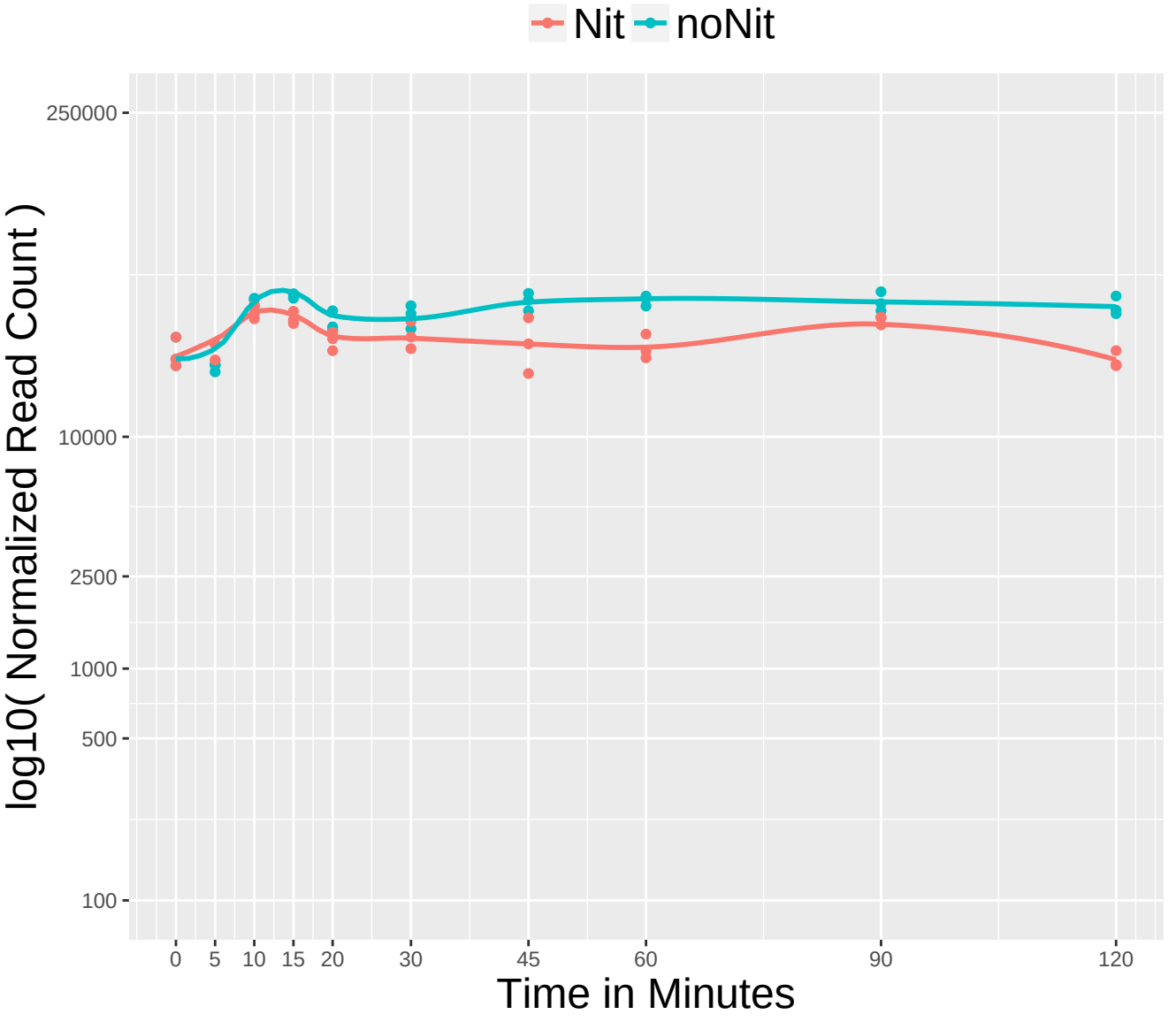

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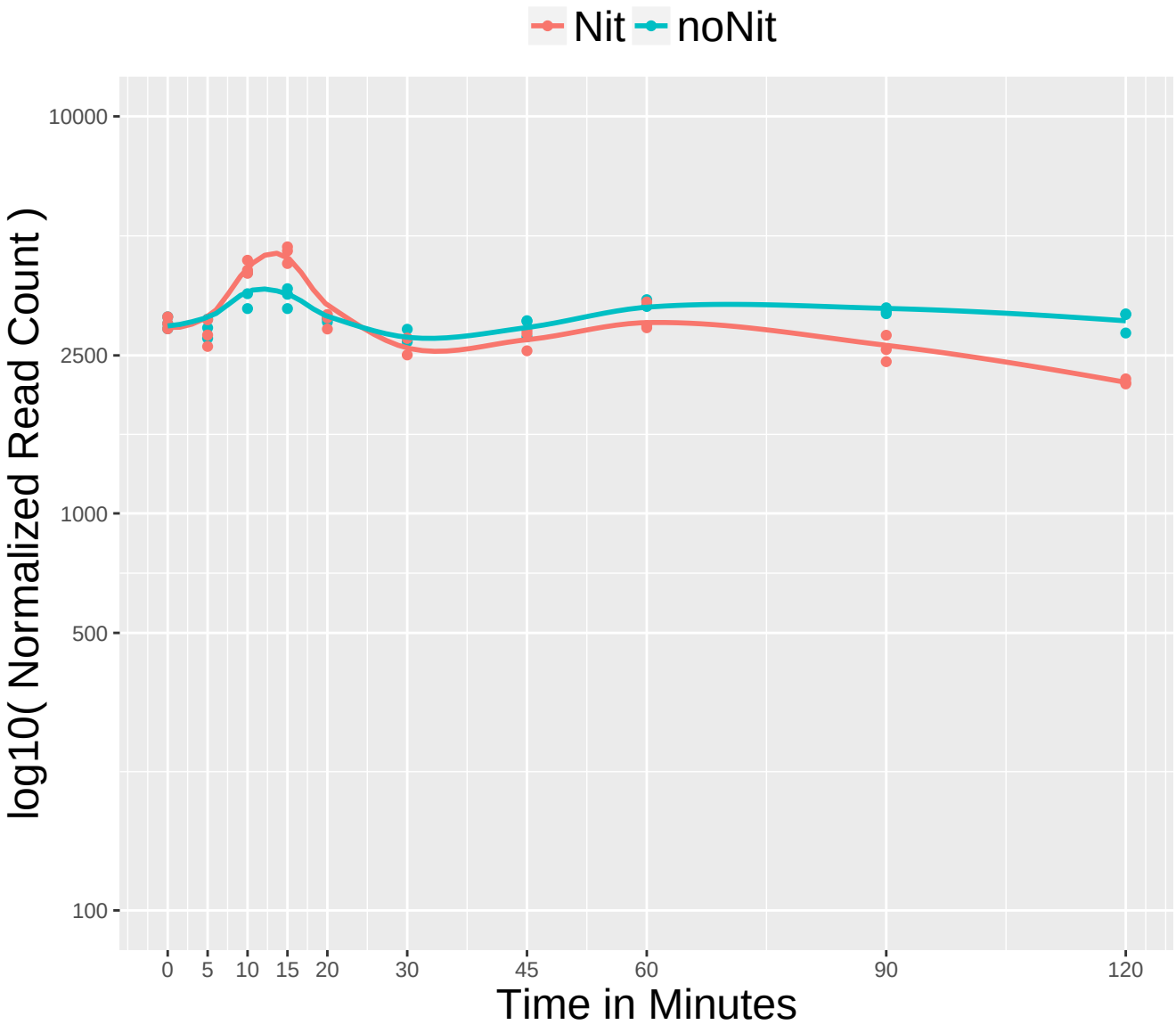
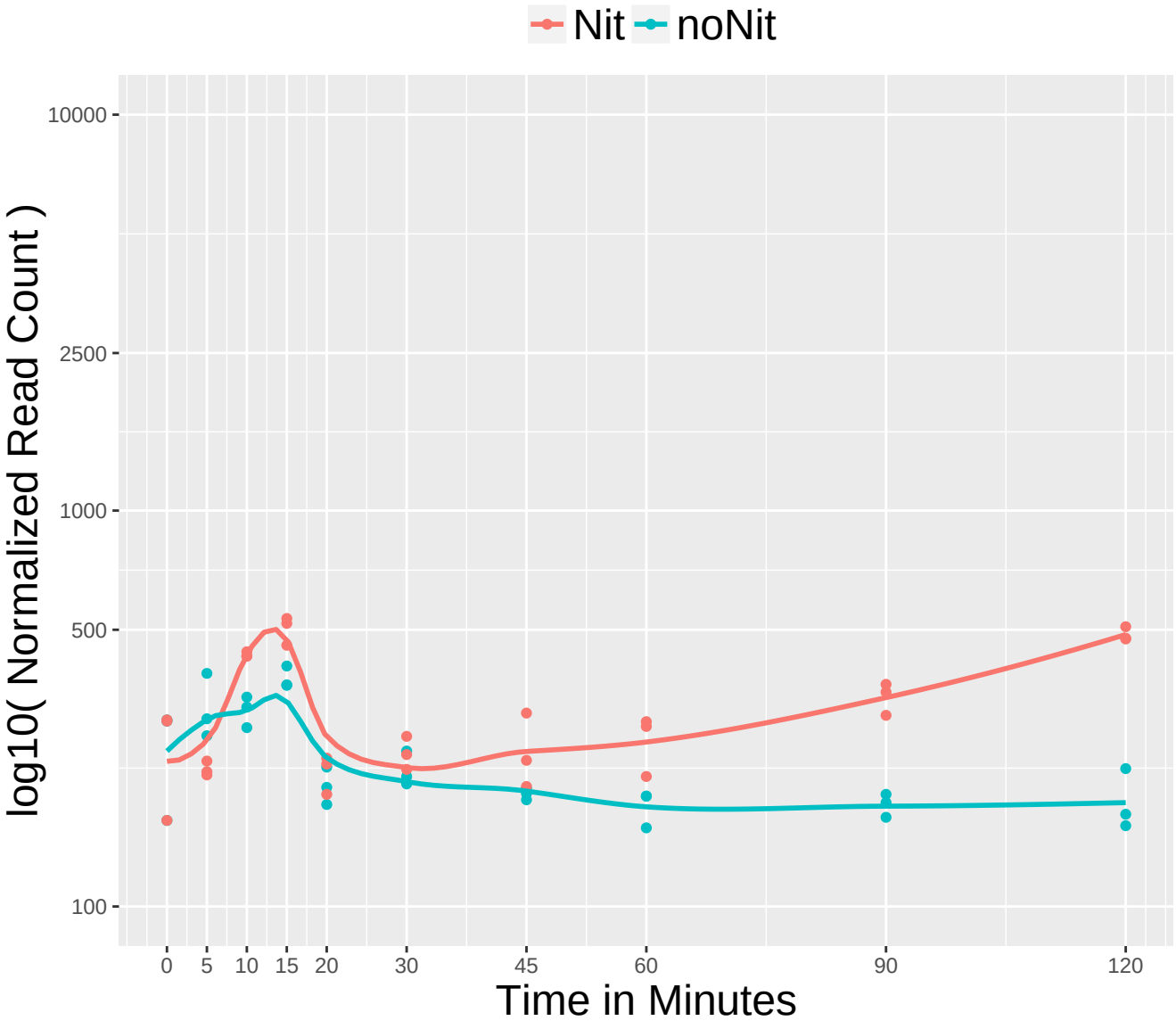
ATMPK19,ARABIDOPSIS



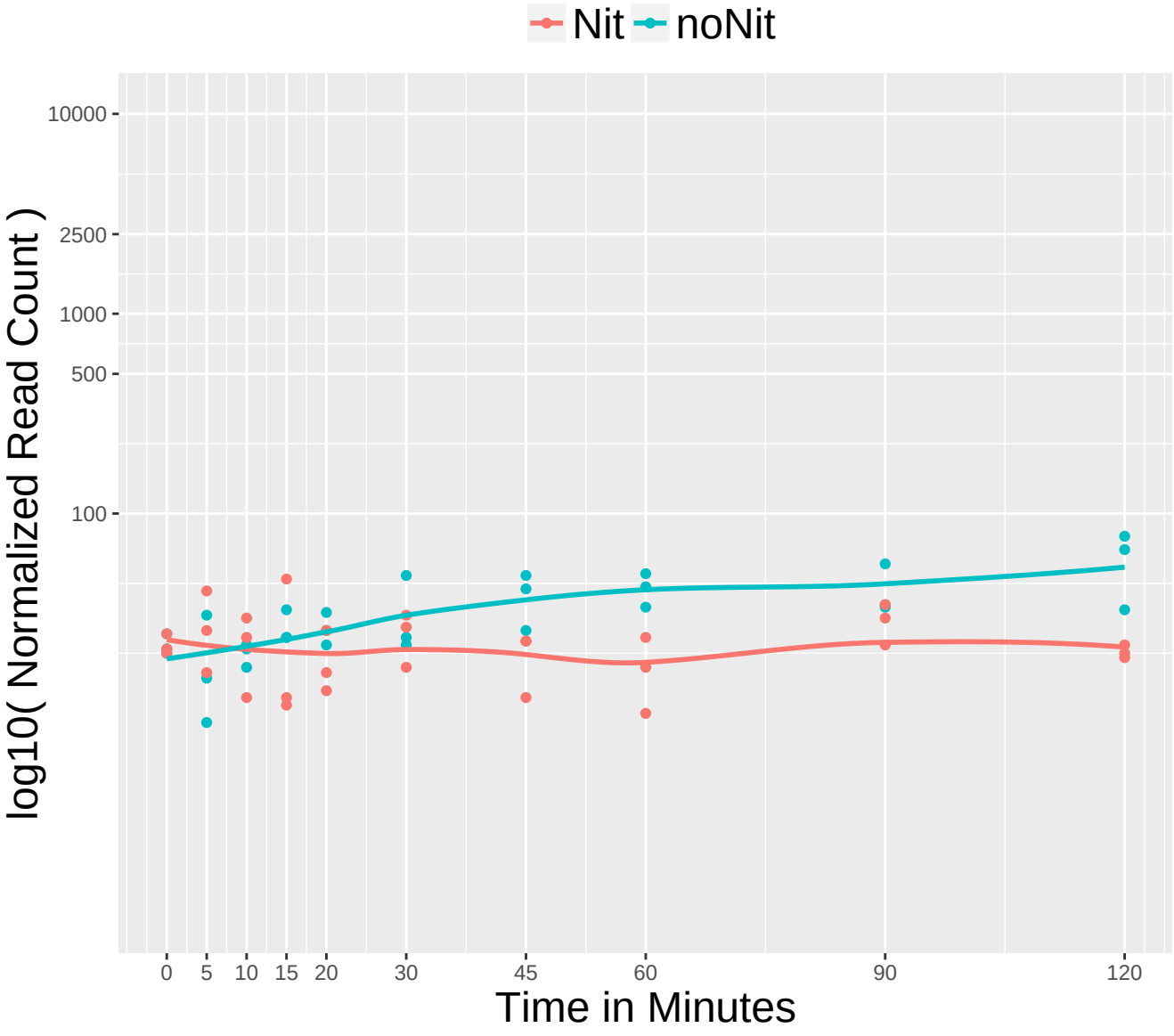
AT3G50700

AtIDD2,indeterminate(ID)−domain



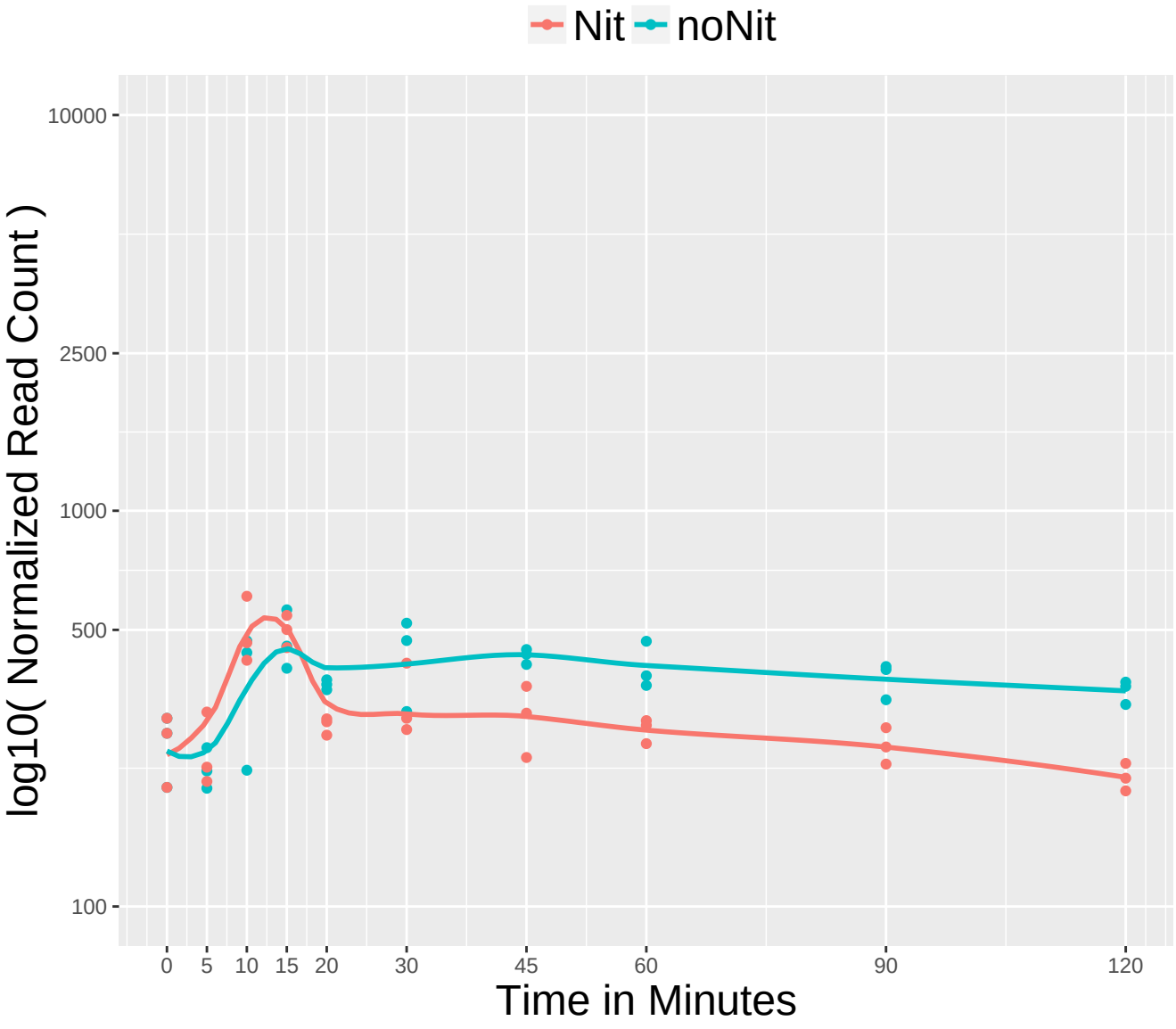
AT3G51570

Disease



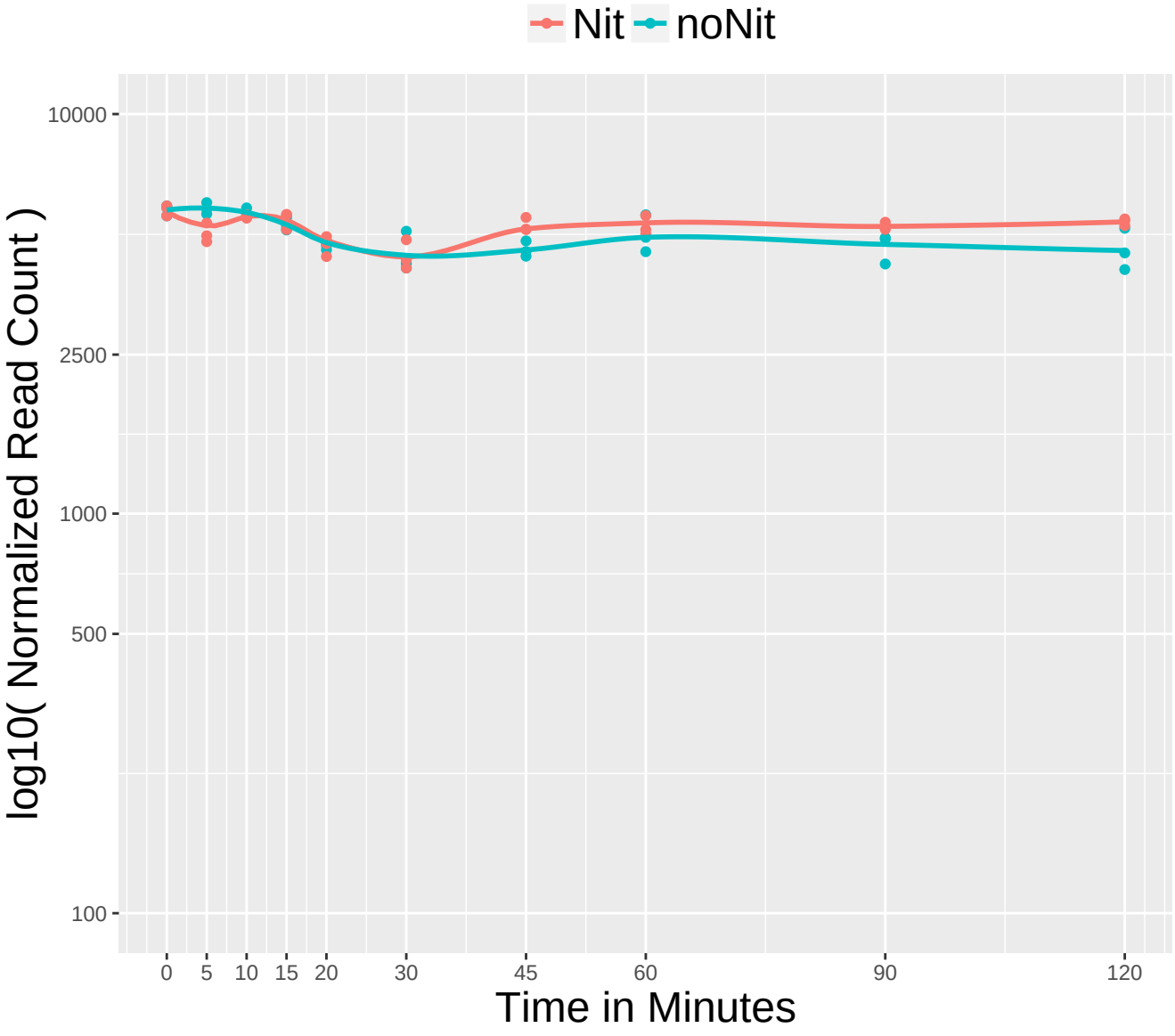
AT4G00490

BAM2,beta−amylase



AT4G39680

SAP



AT5G20110

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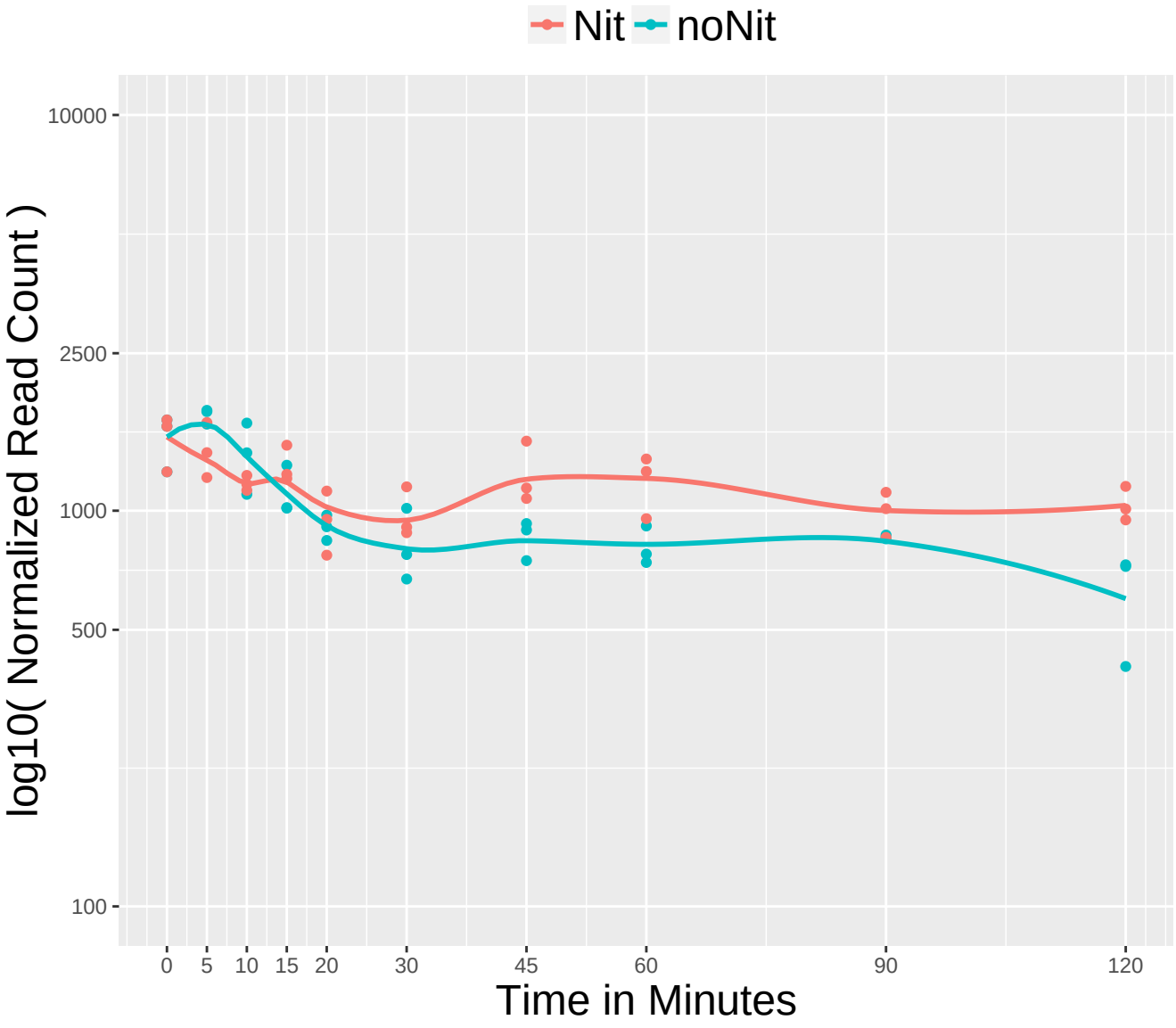
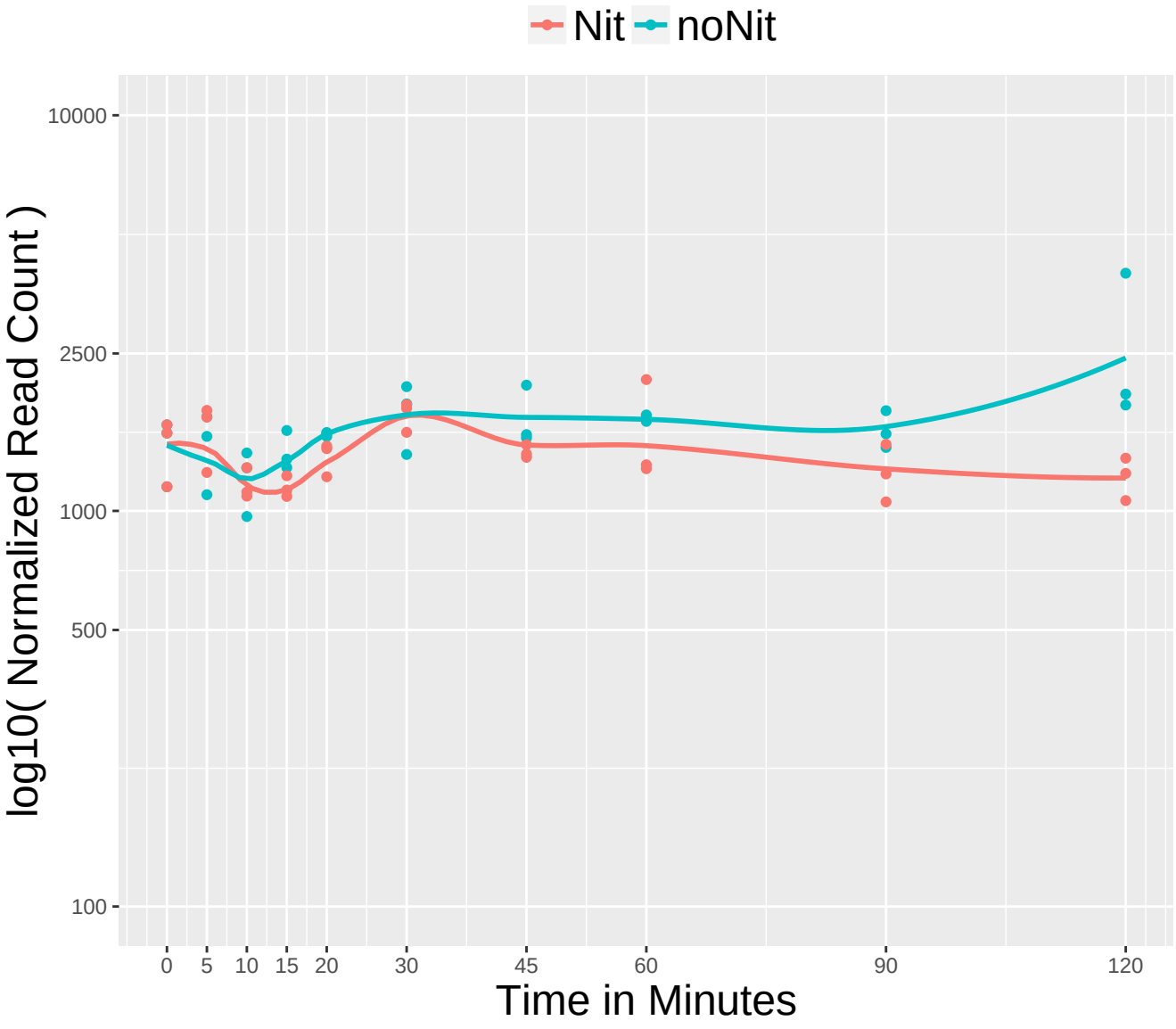


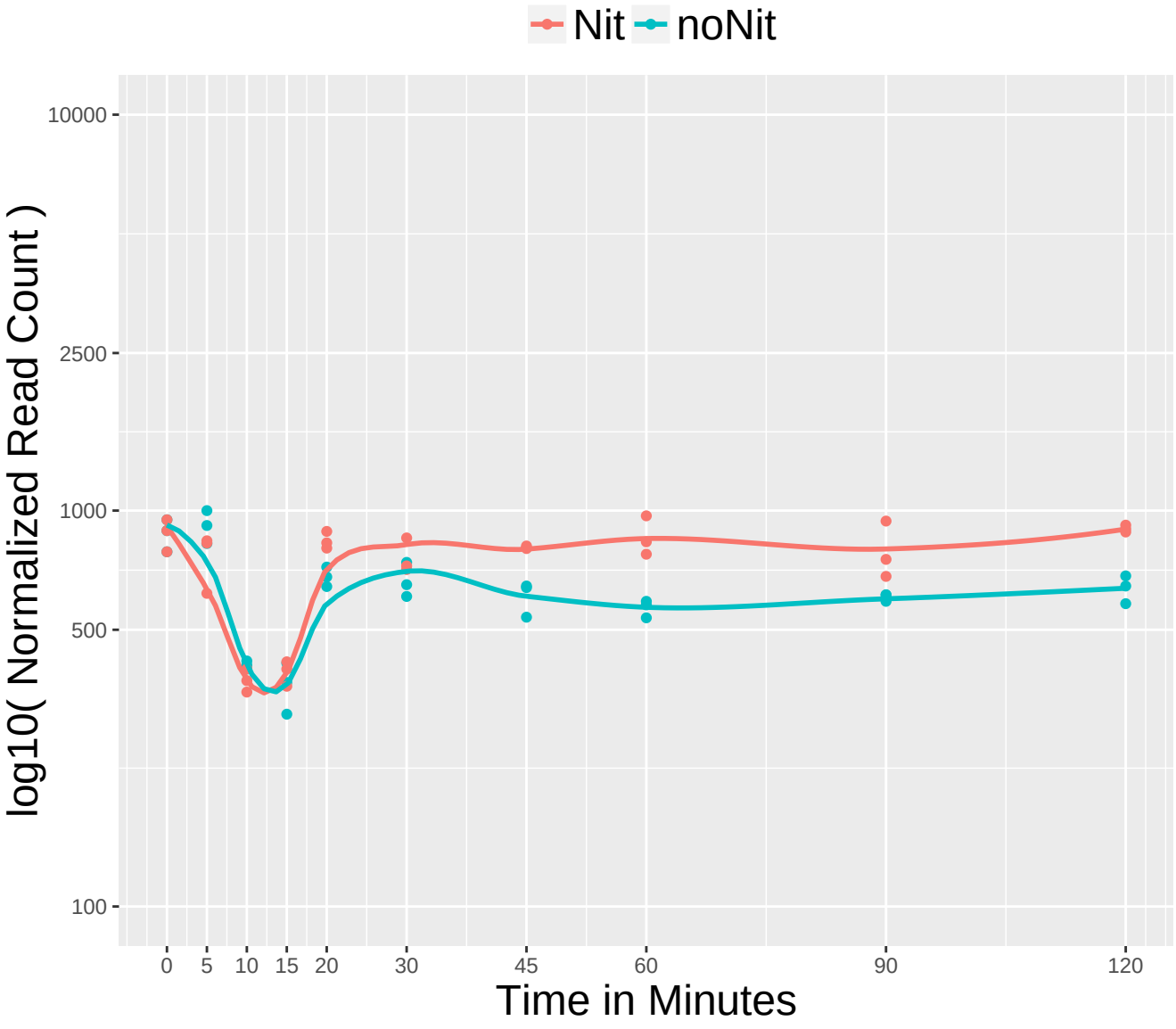
AT5G22140

FAD/NAD(P)−binding



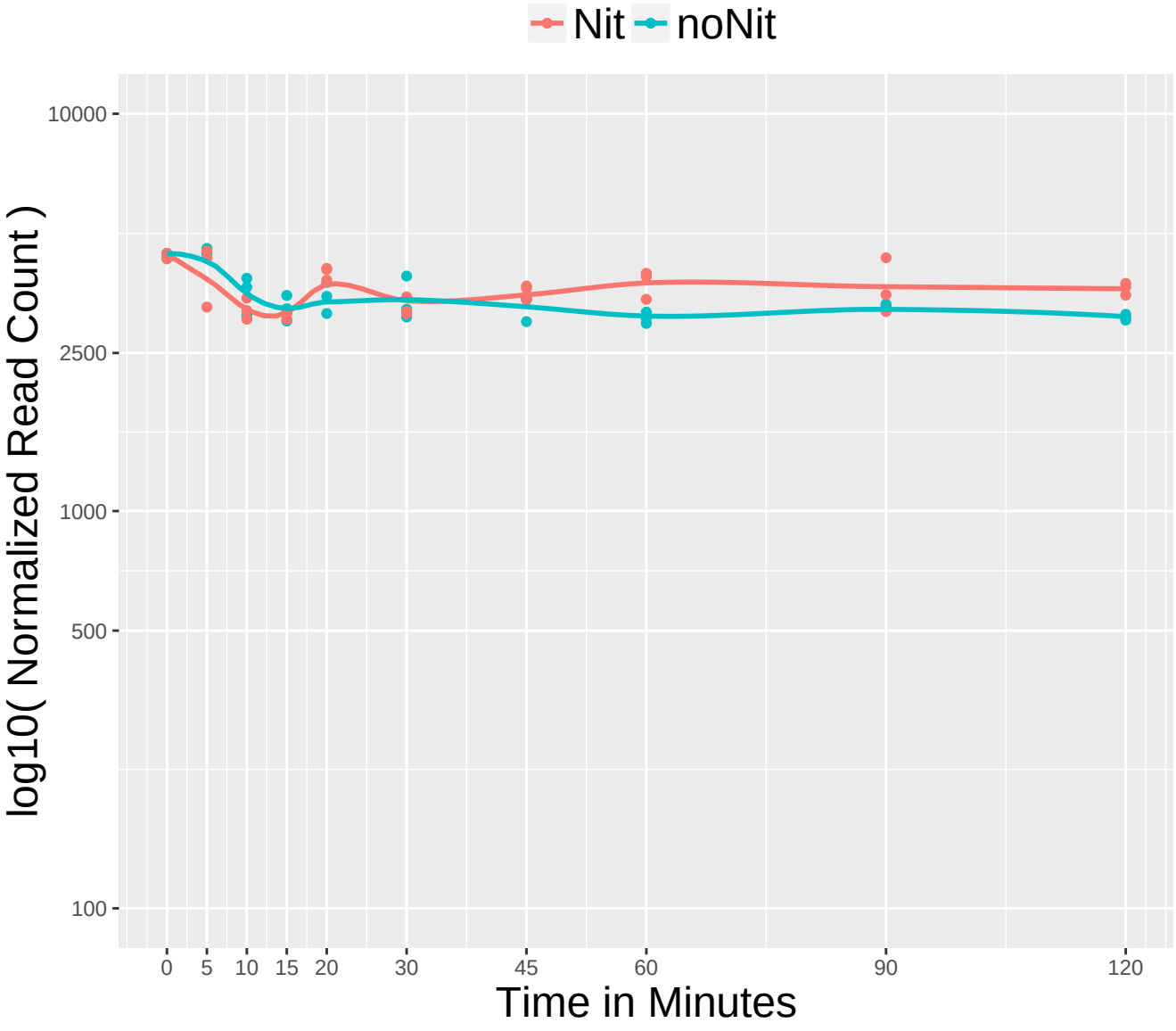
AT5G62030

diphthamide



AT1G03910

CTN,CACTIN



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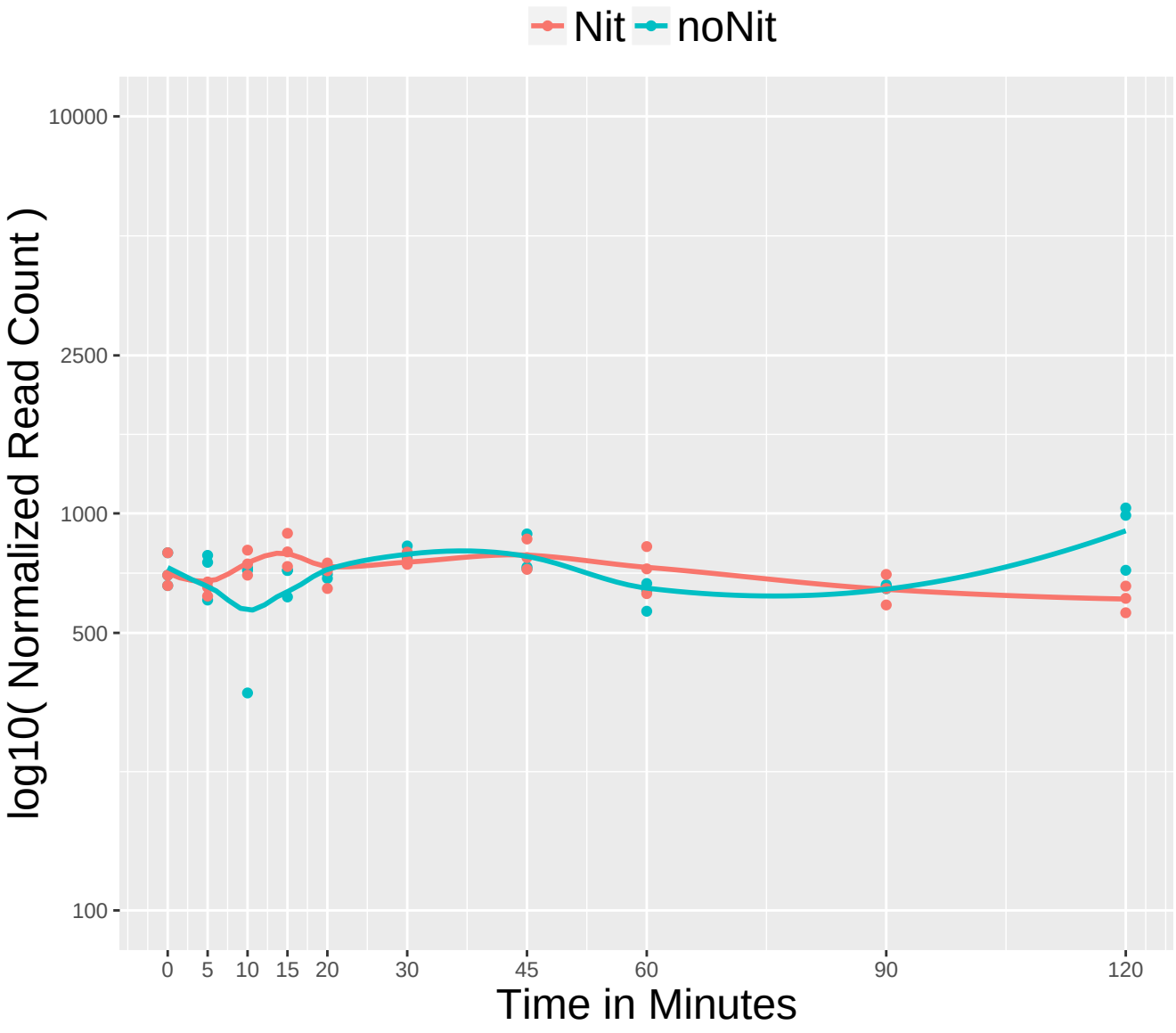
ATPDI10,ARABIDOPSIS



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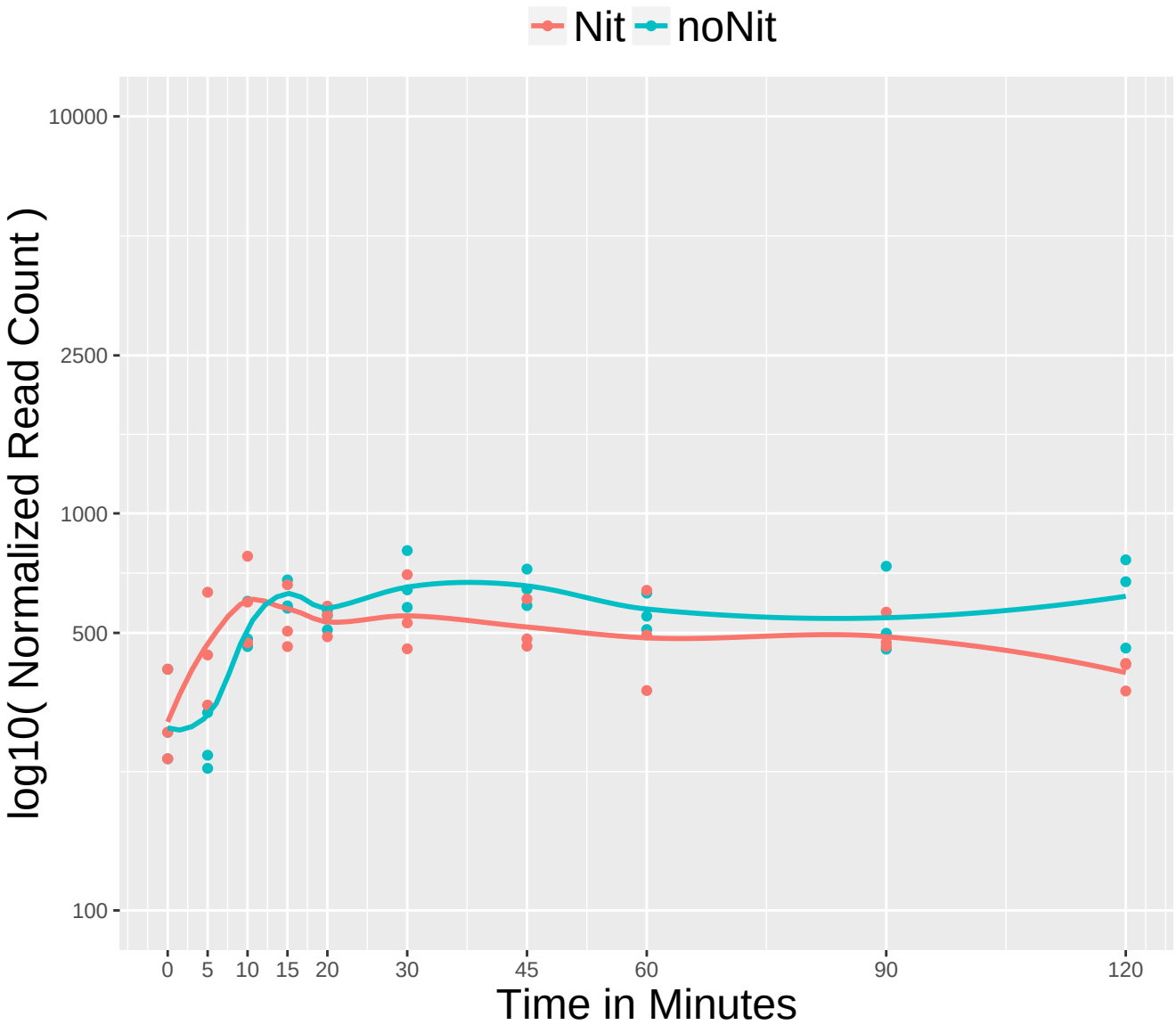
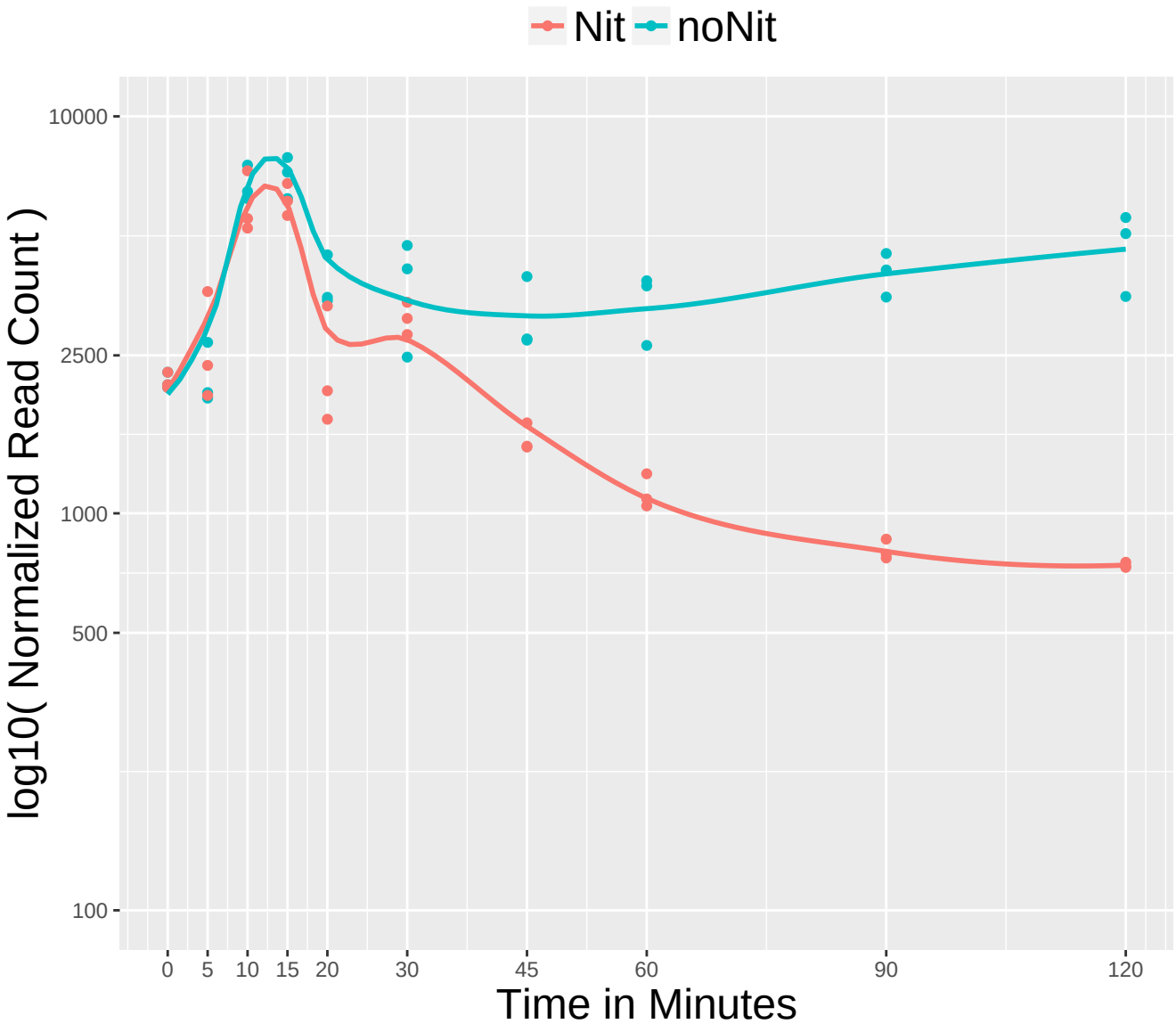
ATRBL2,RHOMBOID−like



AT1G67810

SUFE2,sulfur



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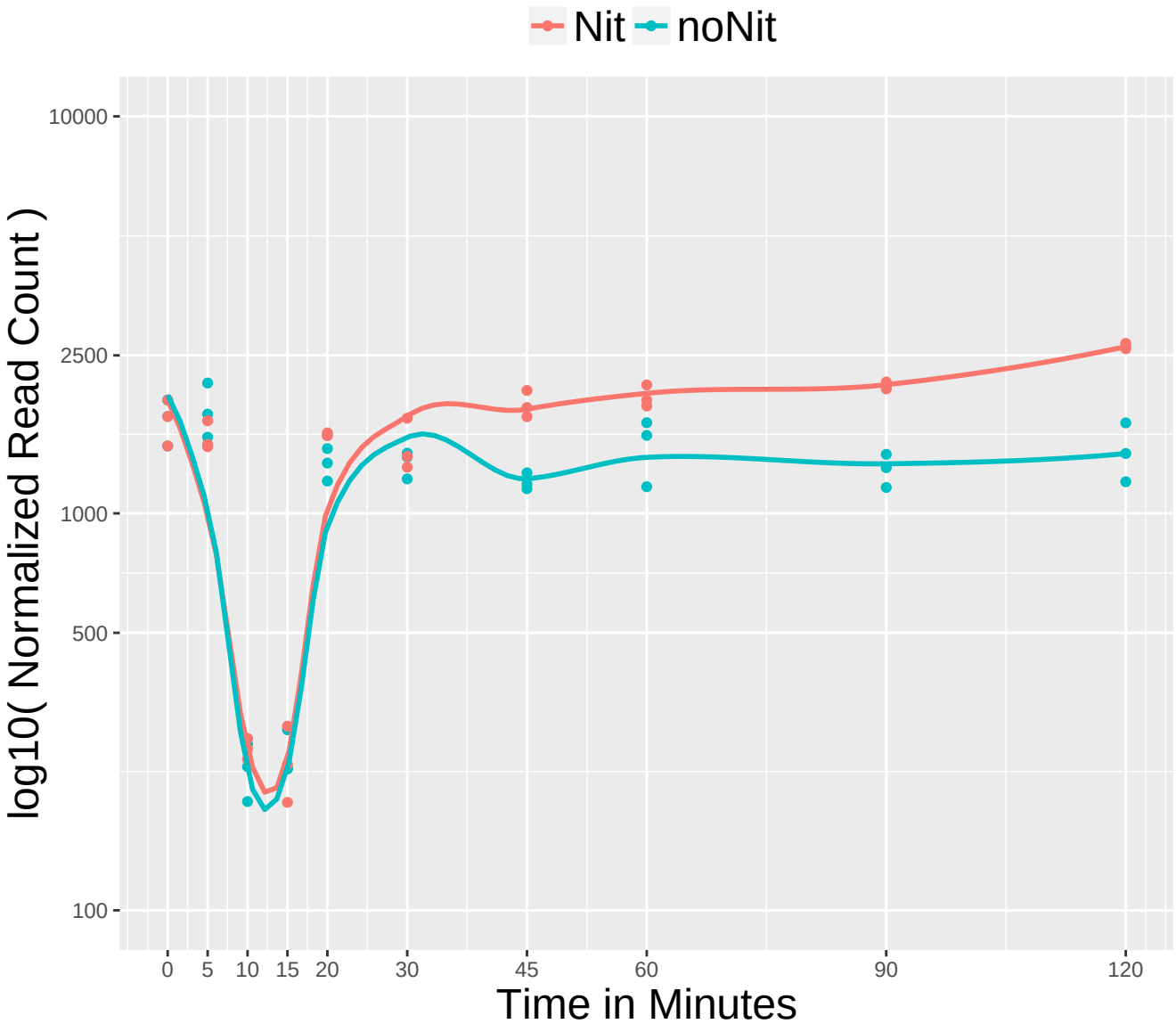
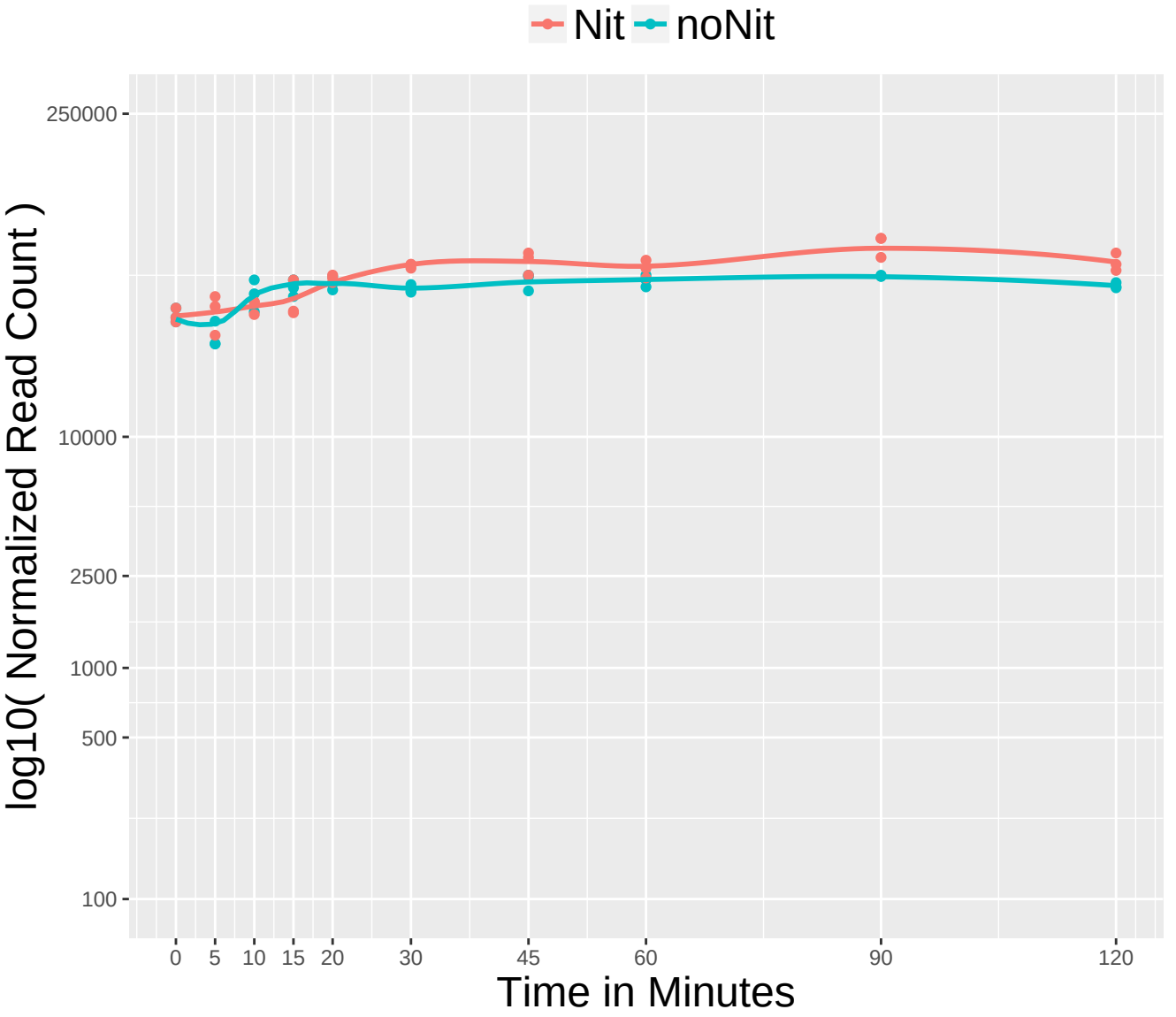
EMB2762,EMBRYO



AT2G18960

AHA1,H(+)−ATPase



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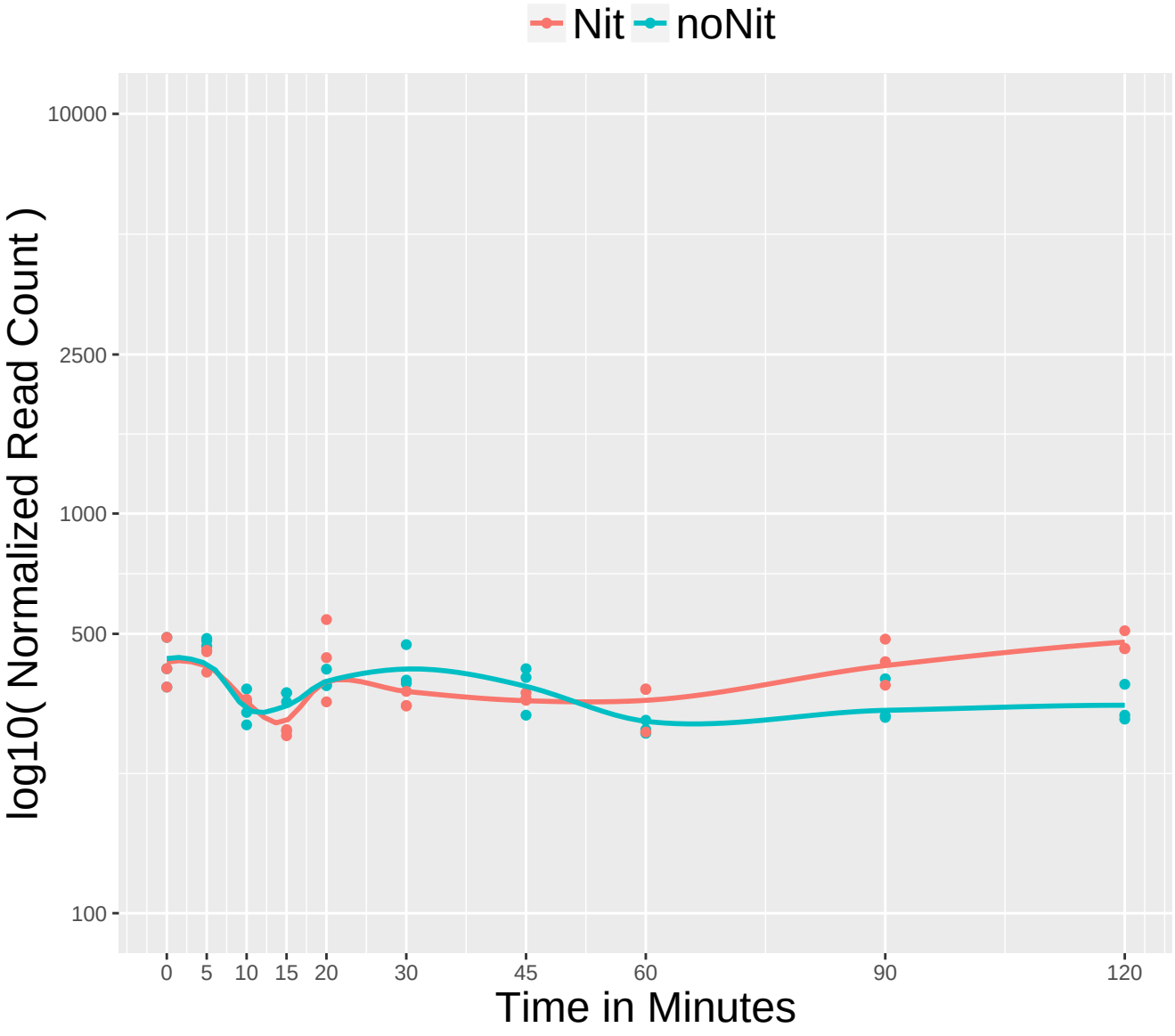
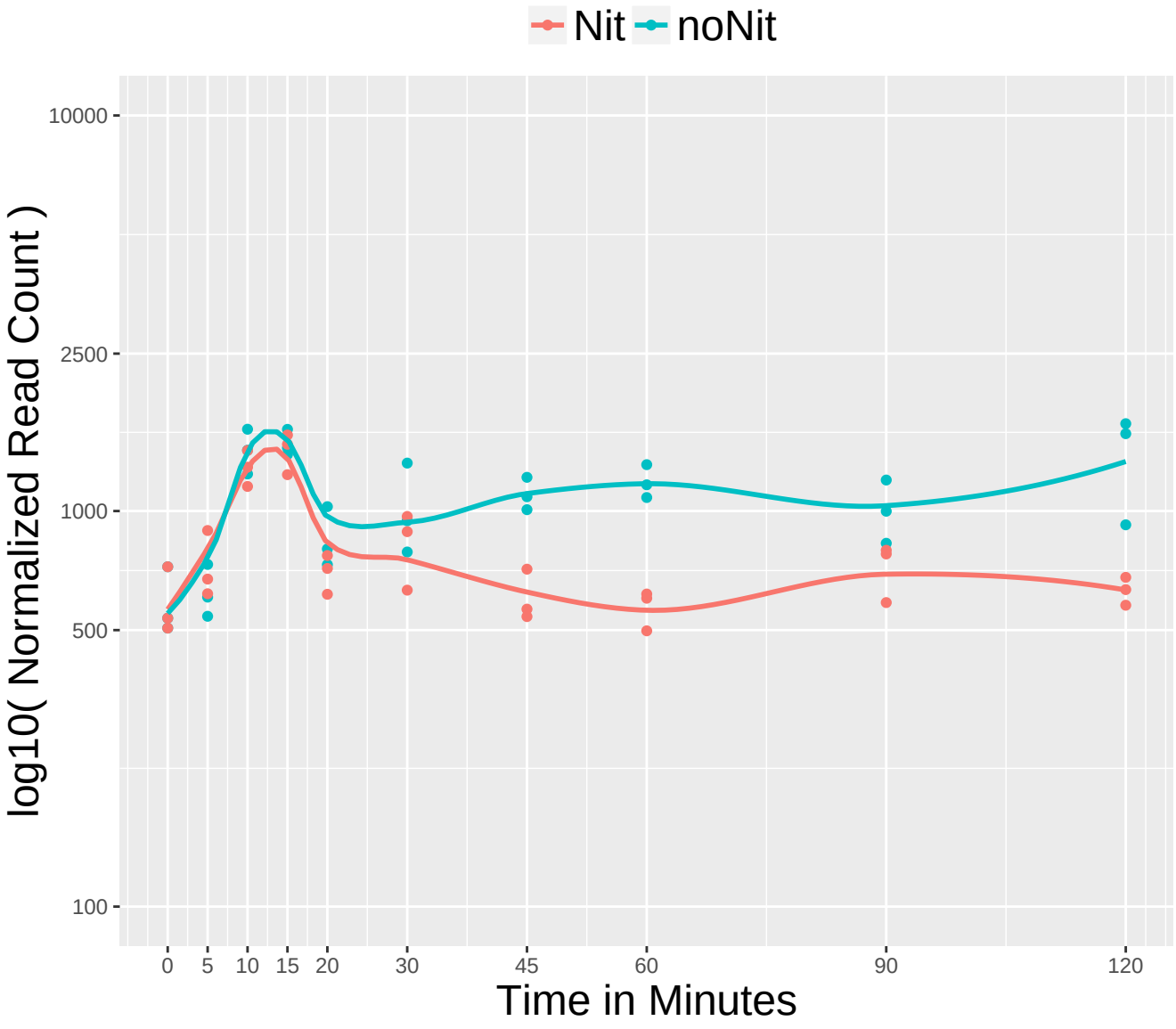
Protein



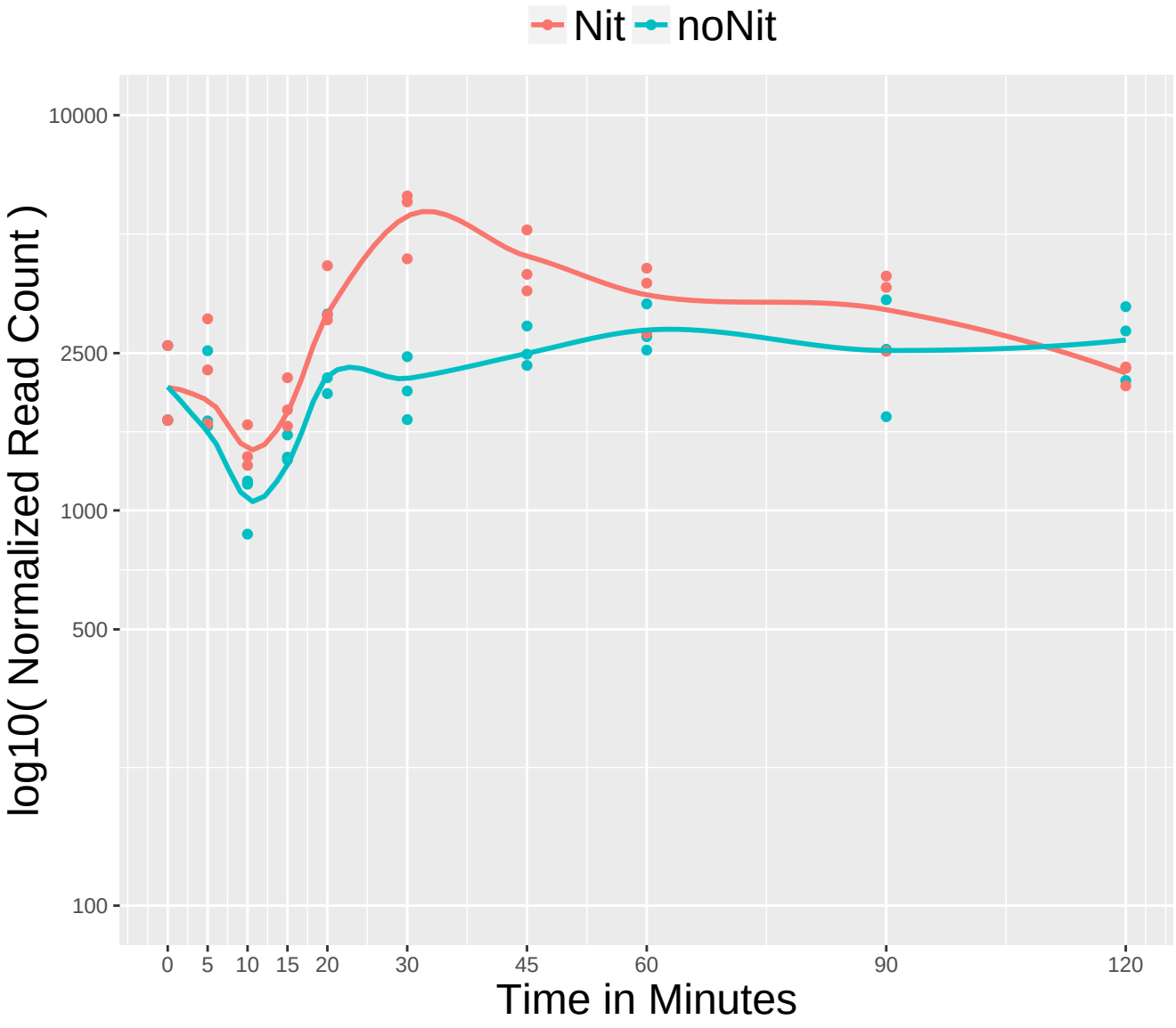
AT3G26500

PIRL2,plant



AT3G53150

UGT73D1,UDP−glucosyl



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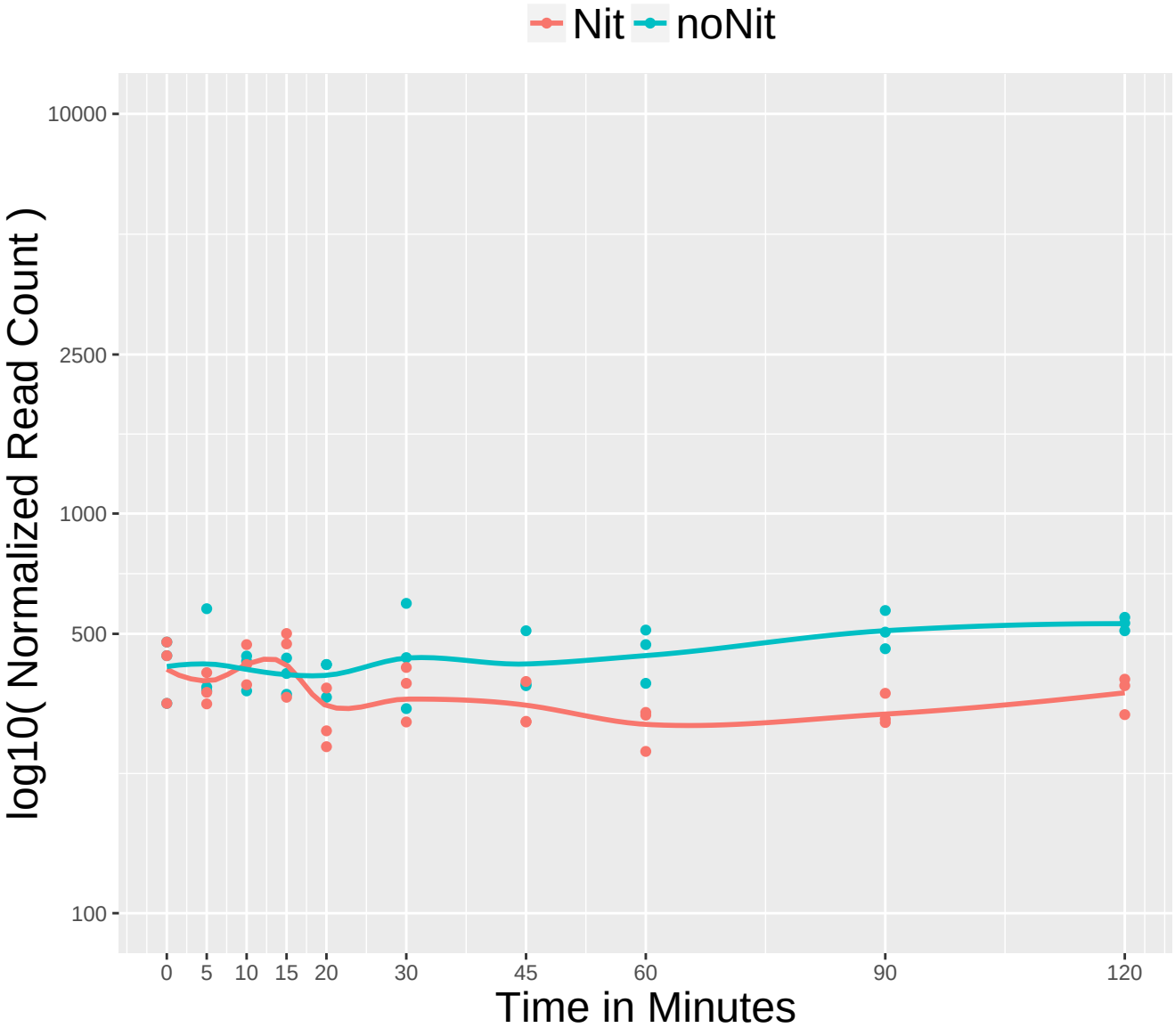
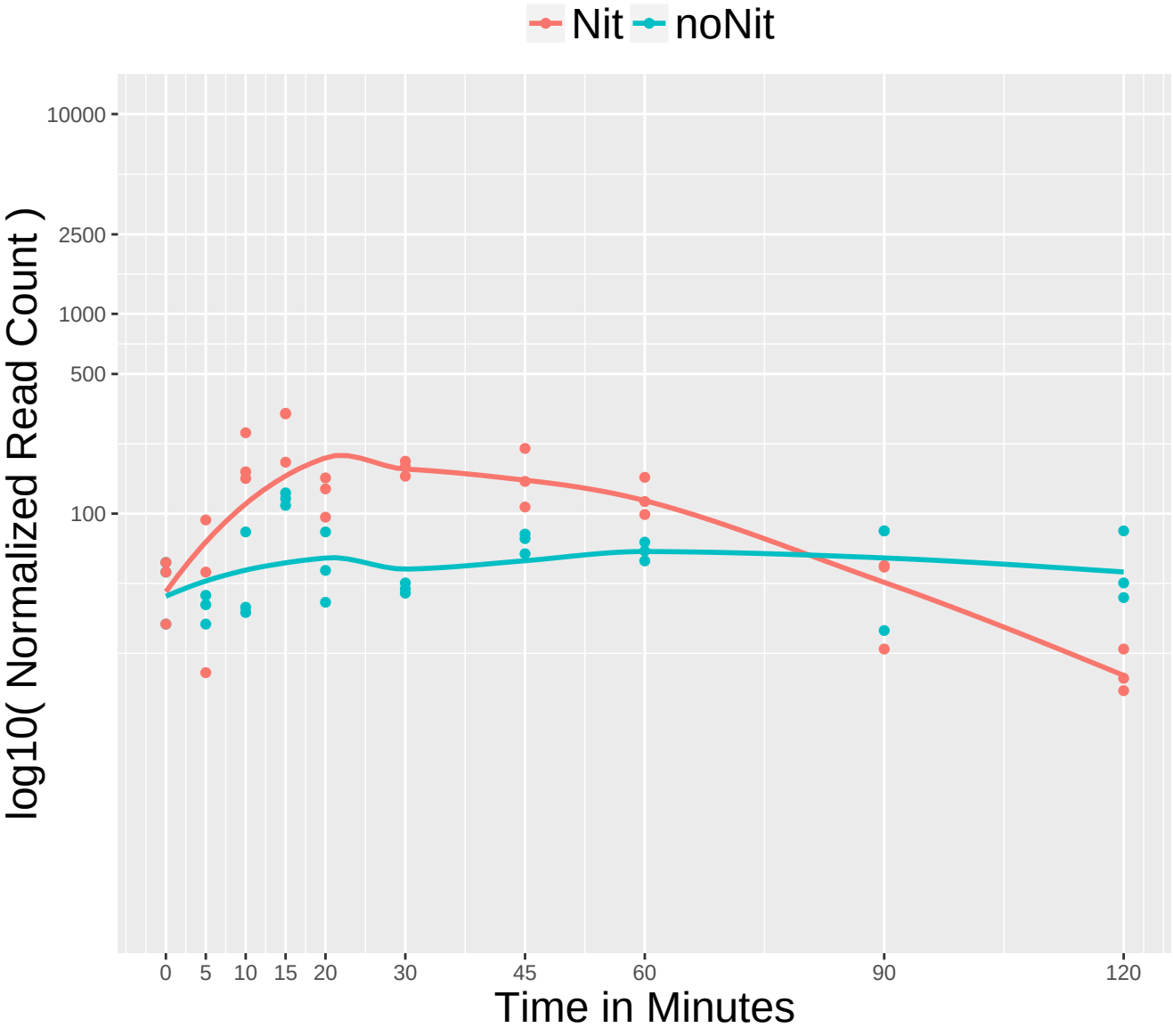


AT4G10150

RING/U−box



AT4G14370

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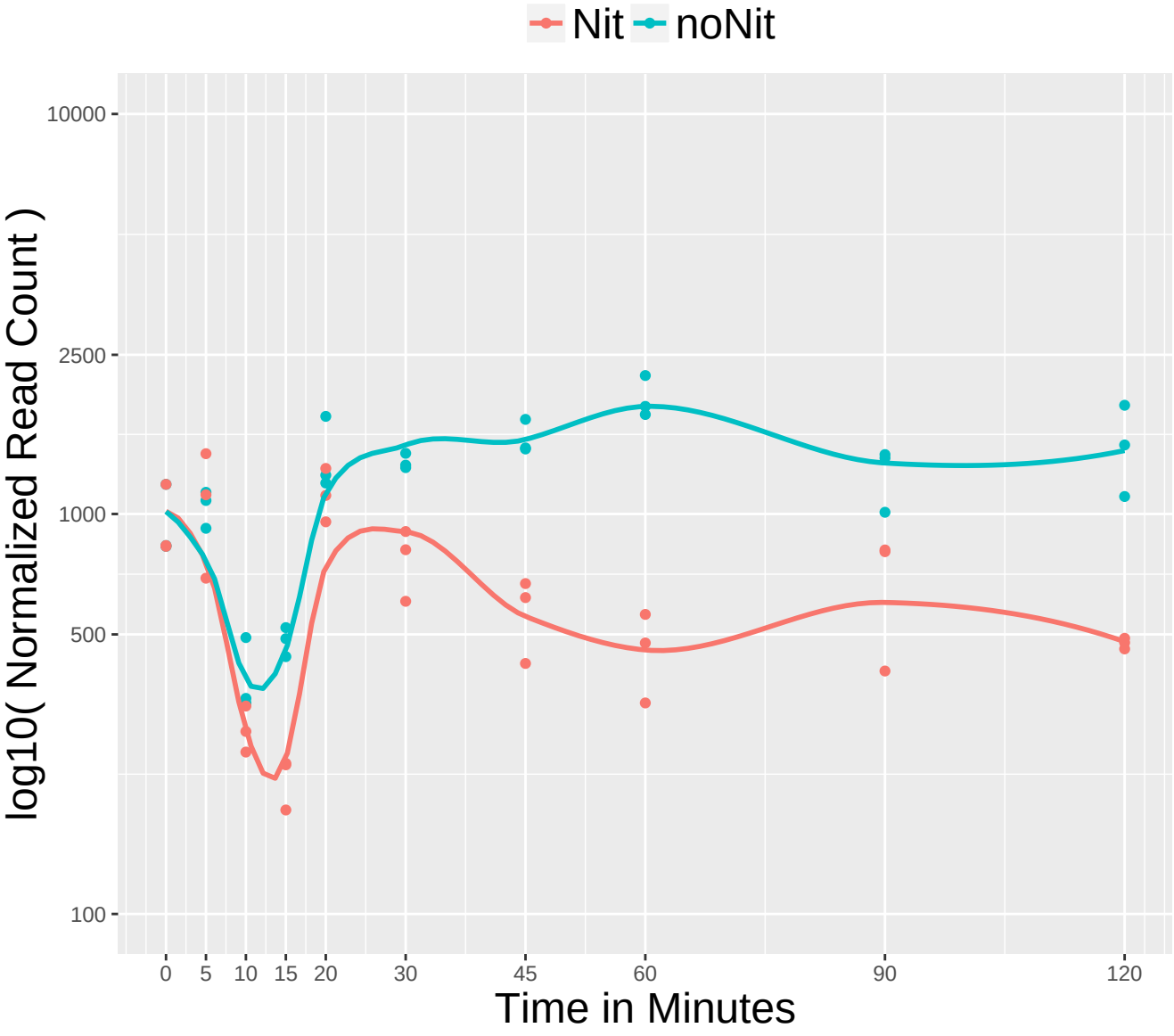

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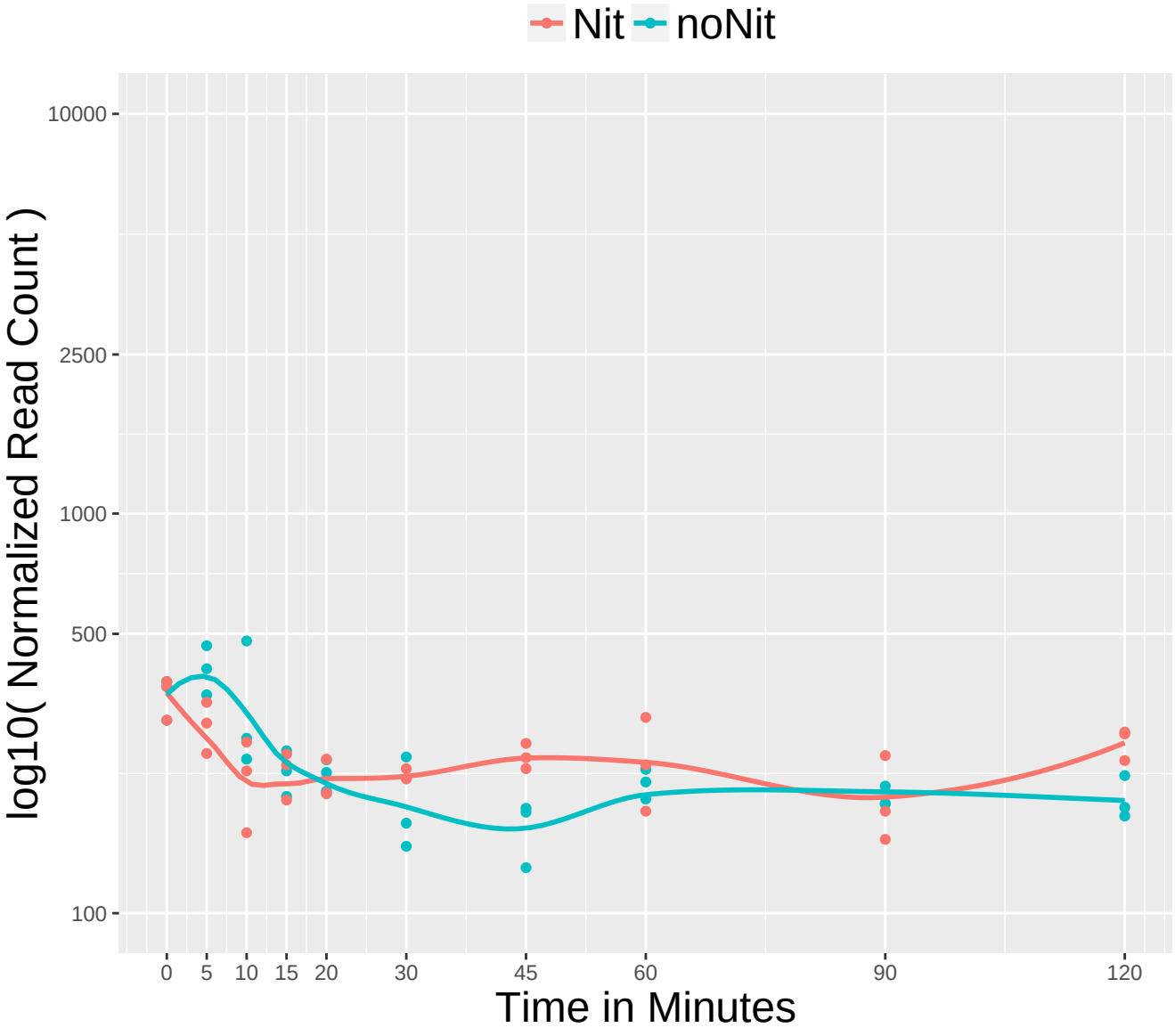
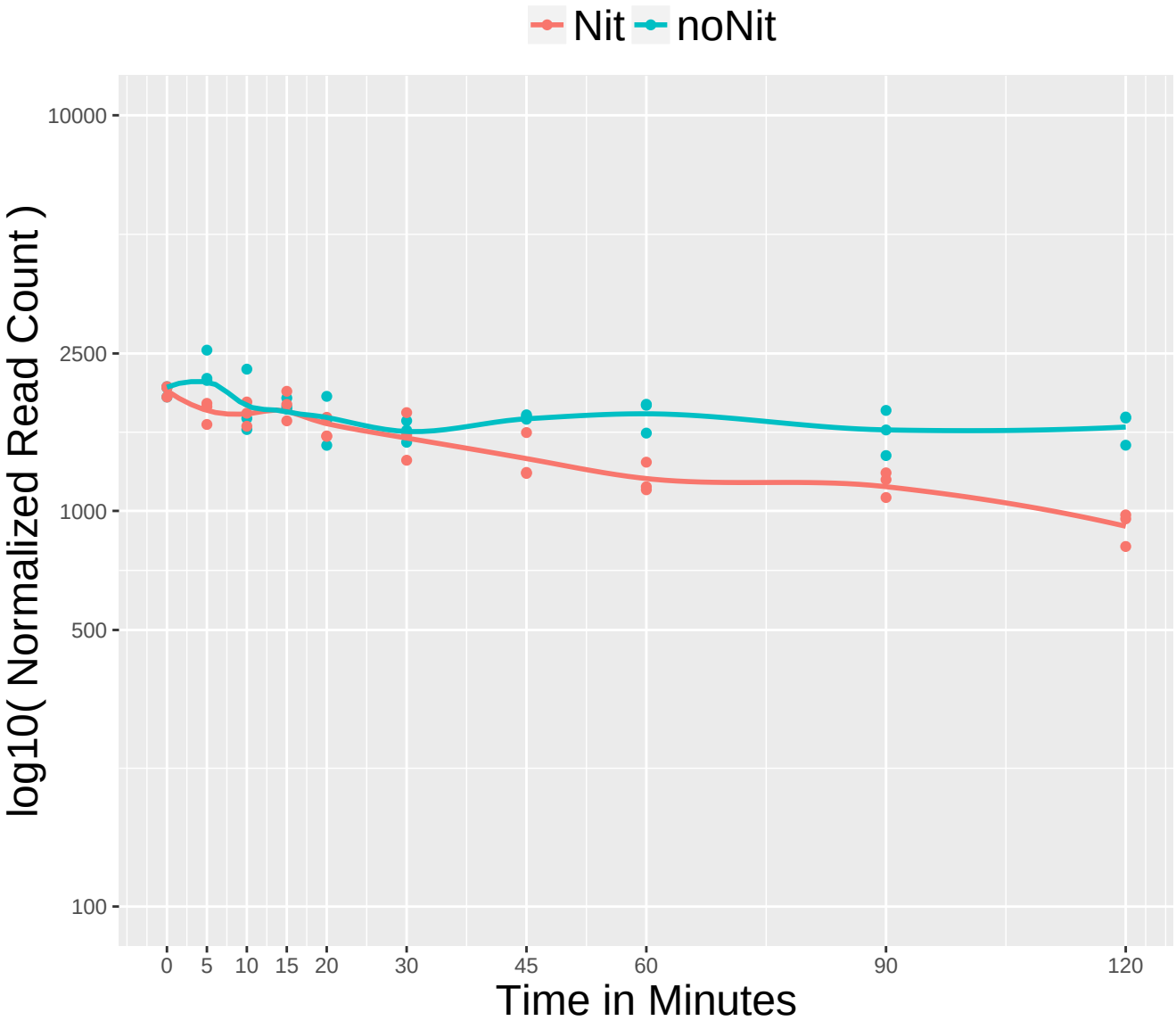


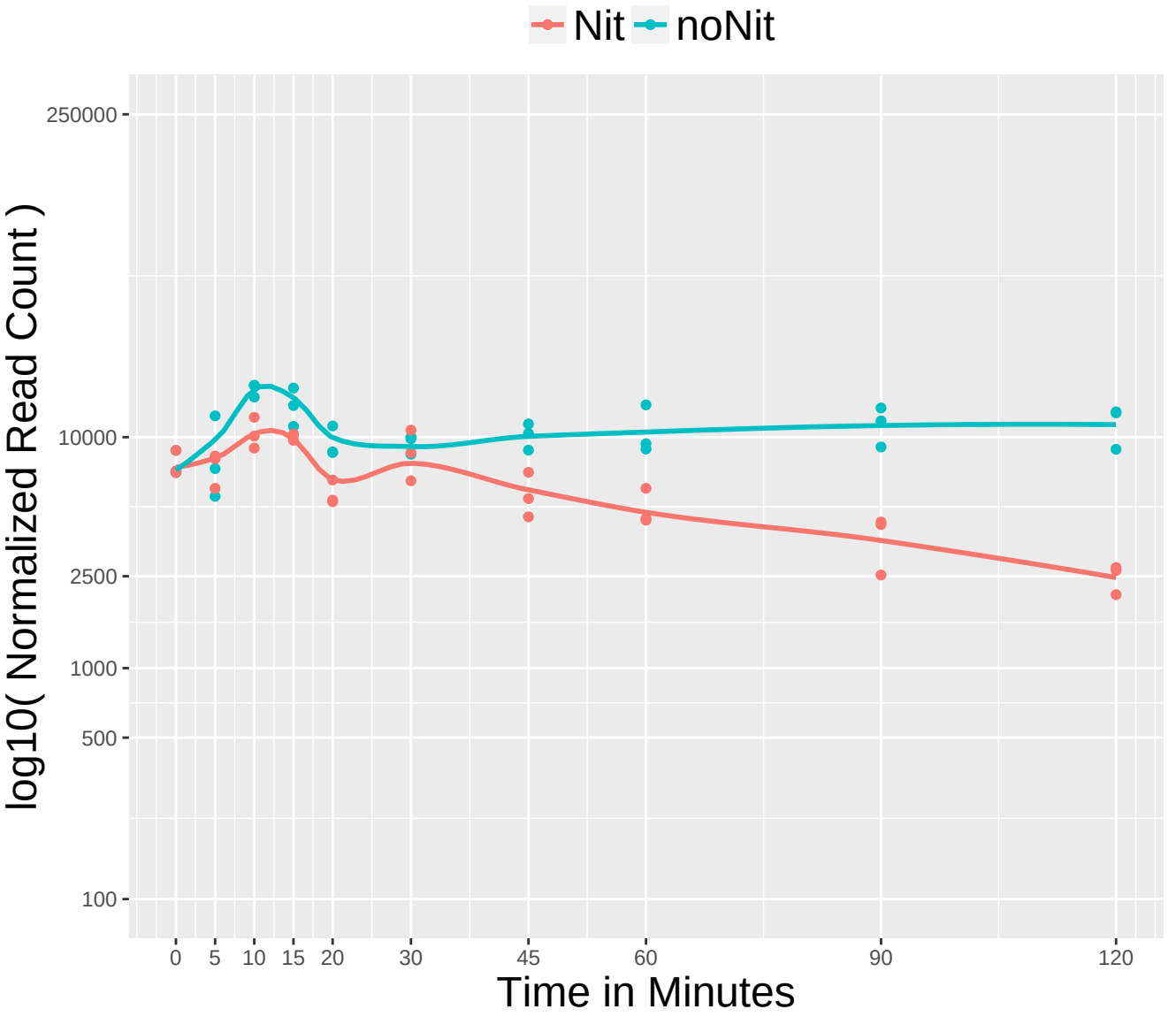
AT5G13800

CRN1,Co−regulated



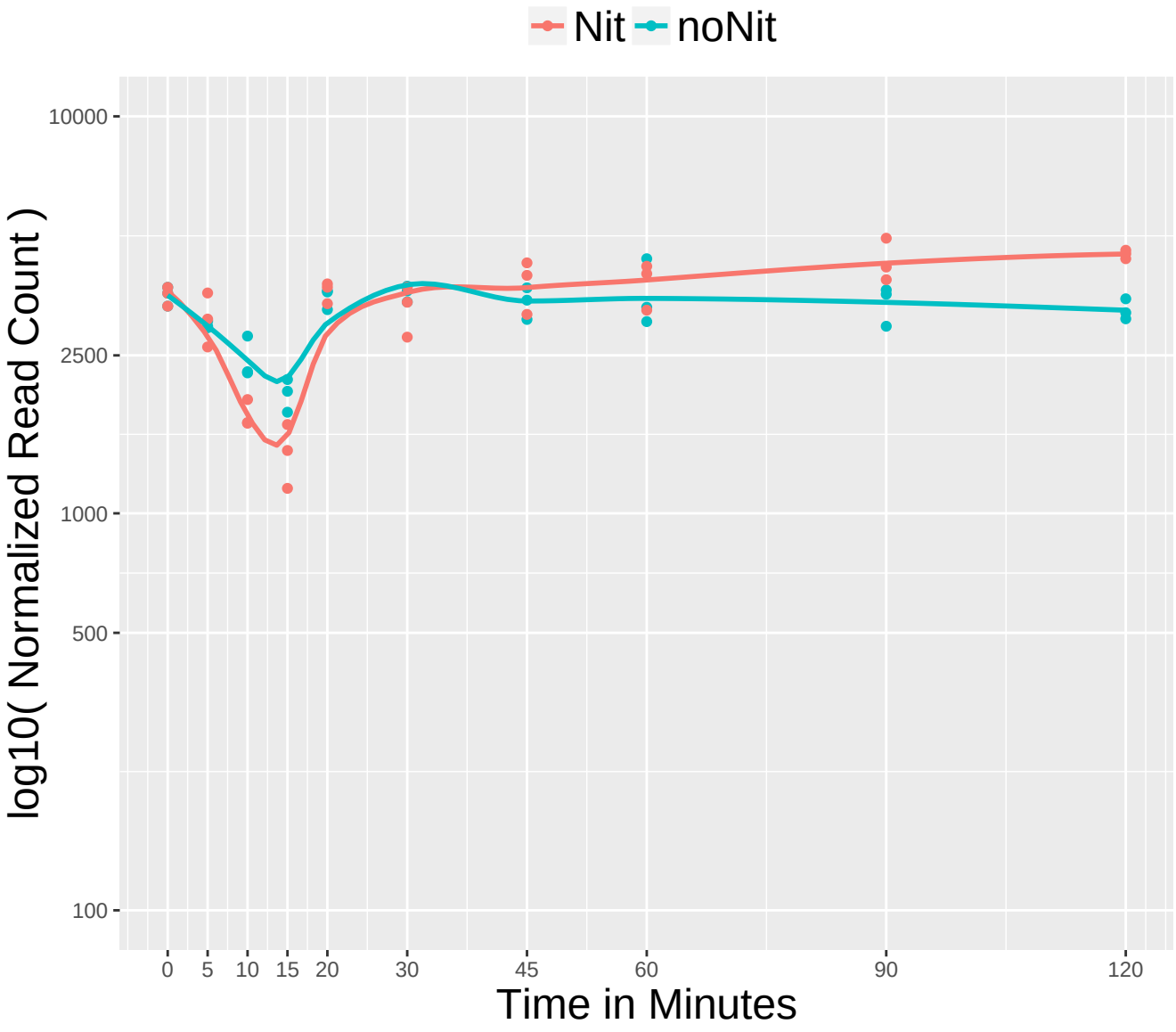
AT5G16570

GLN1;4,glutamine



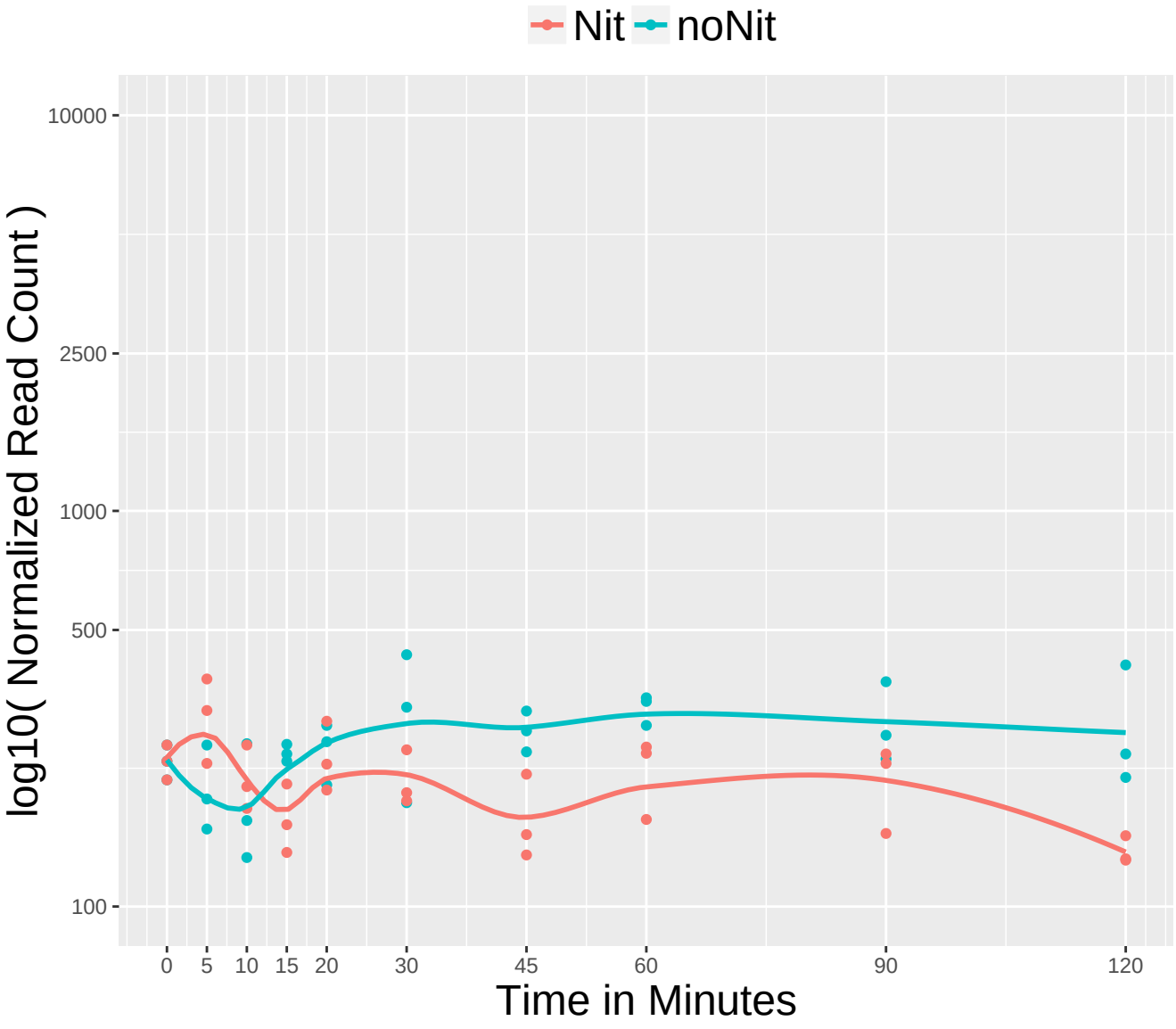
AT5G21160

AtLARP1a,La



AT5G44390

FAD−binding



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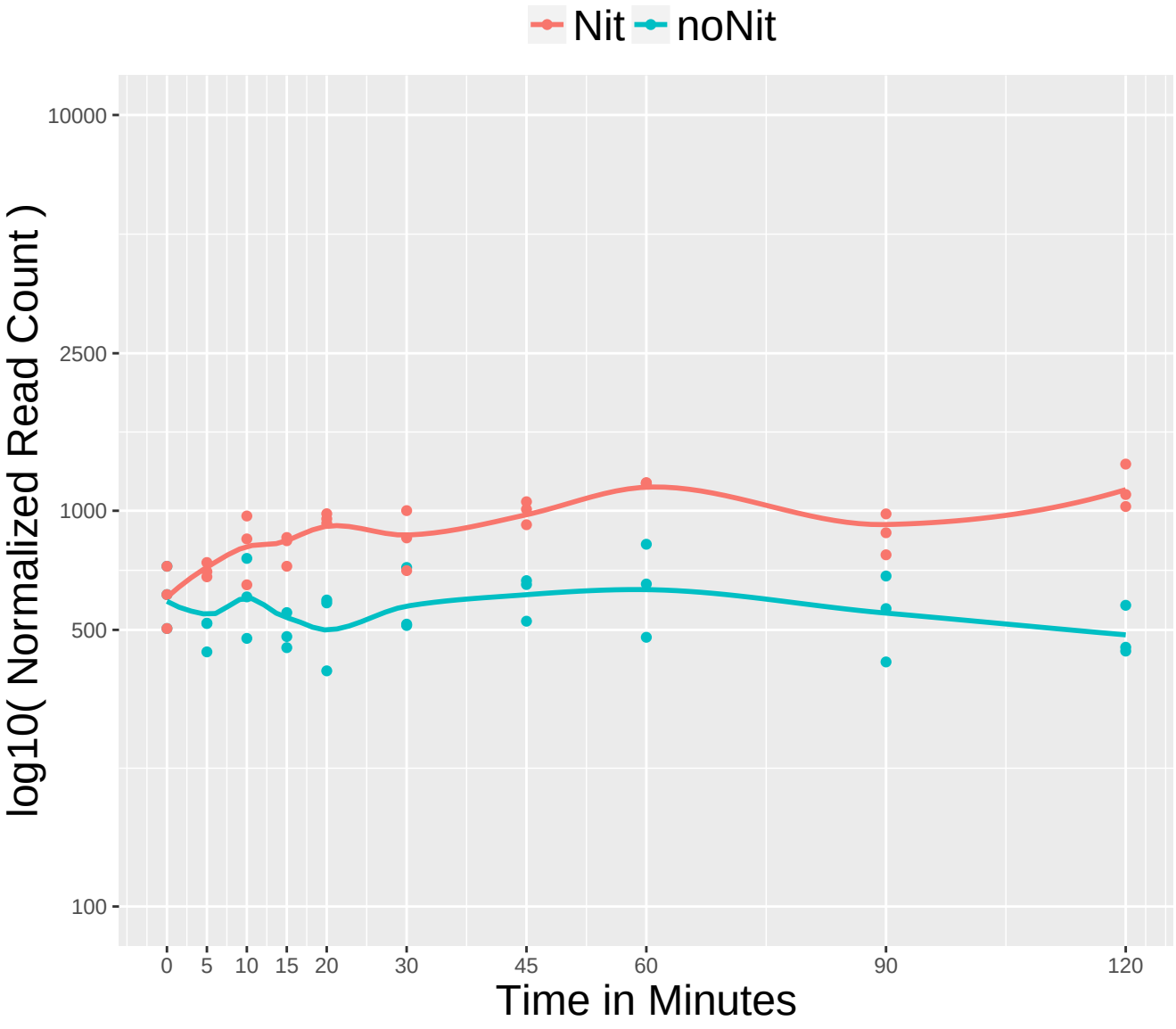
CRF3,cytokinin



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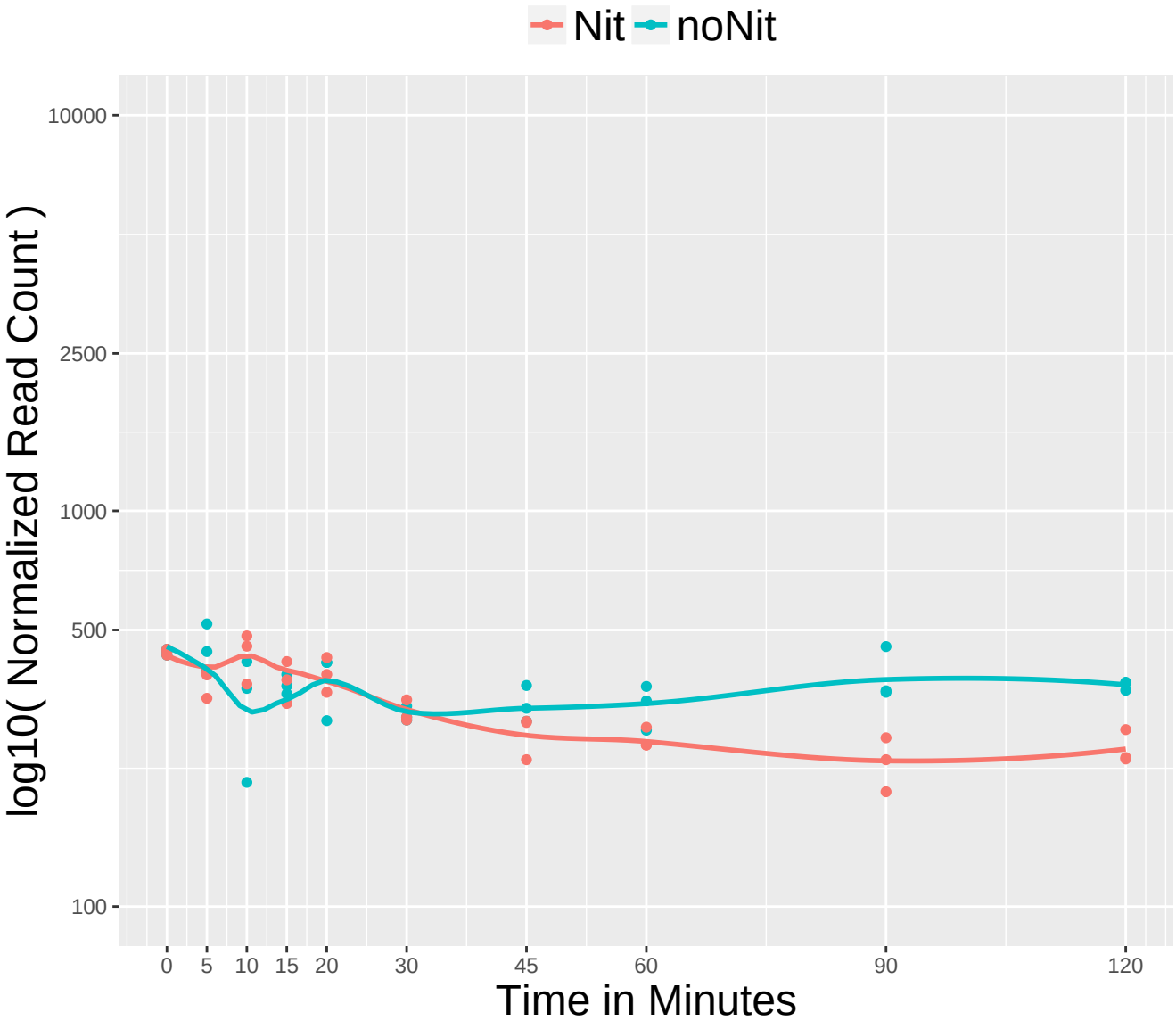
GTP−binding



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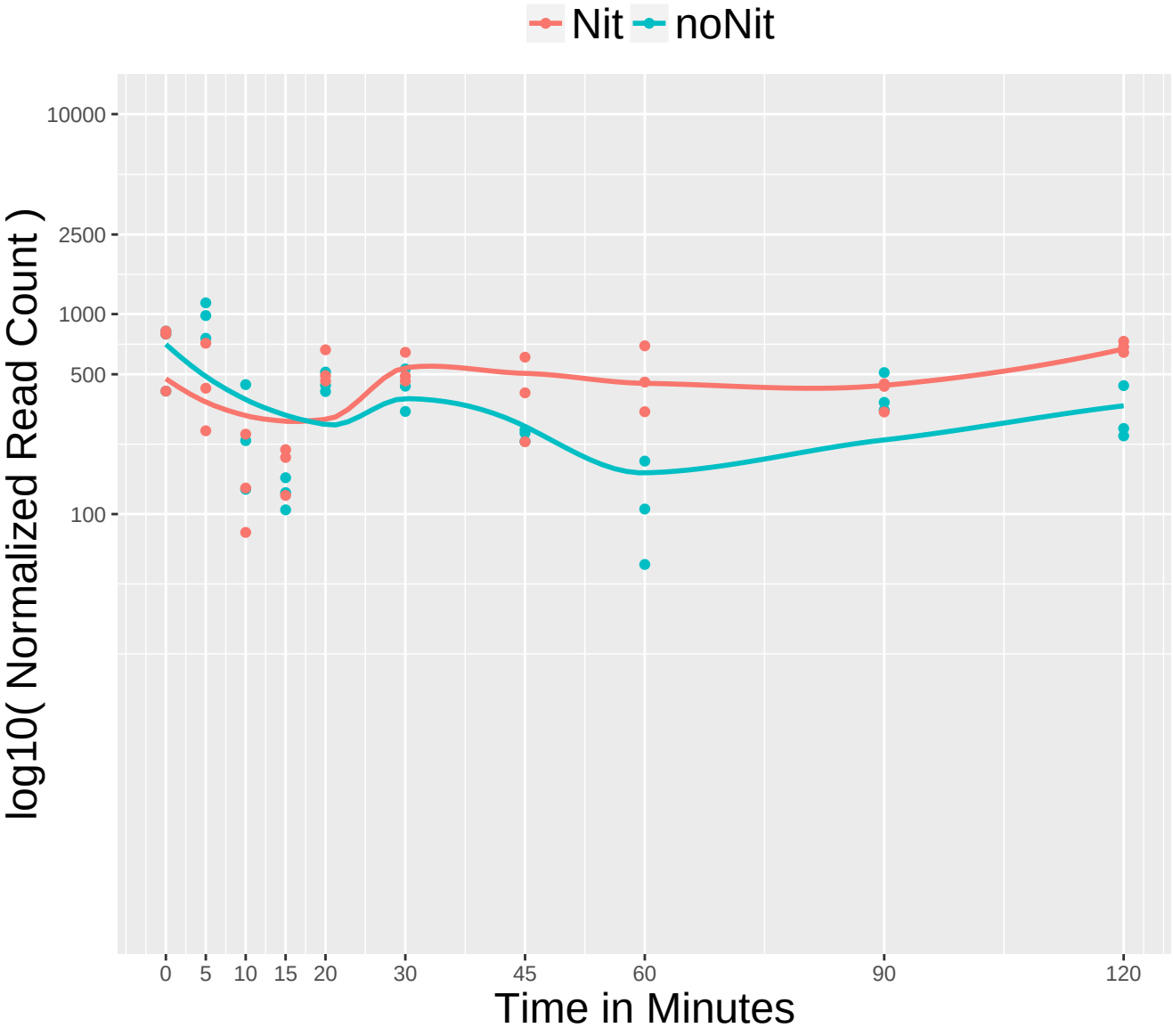
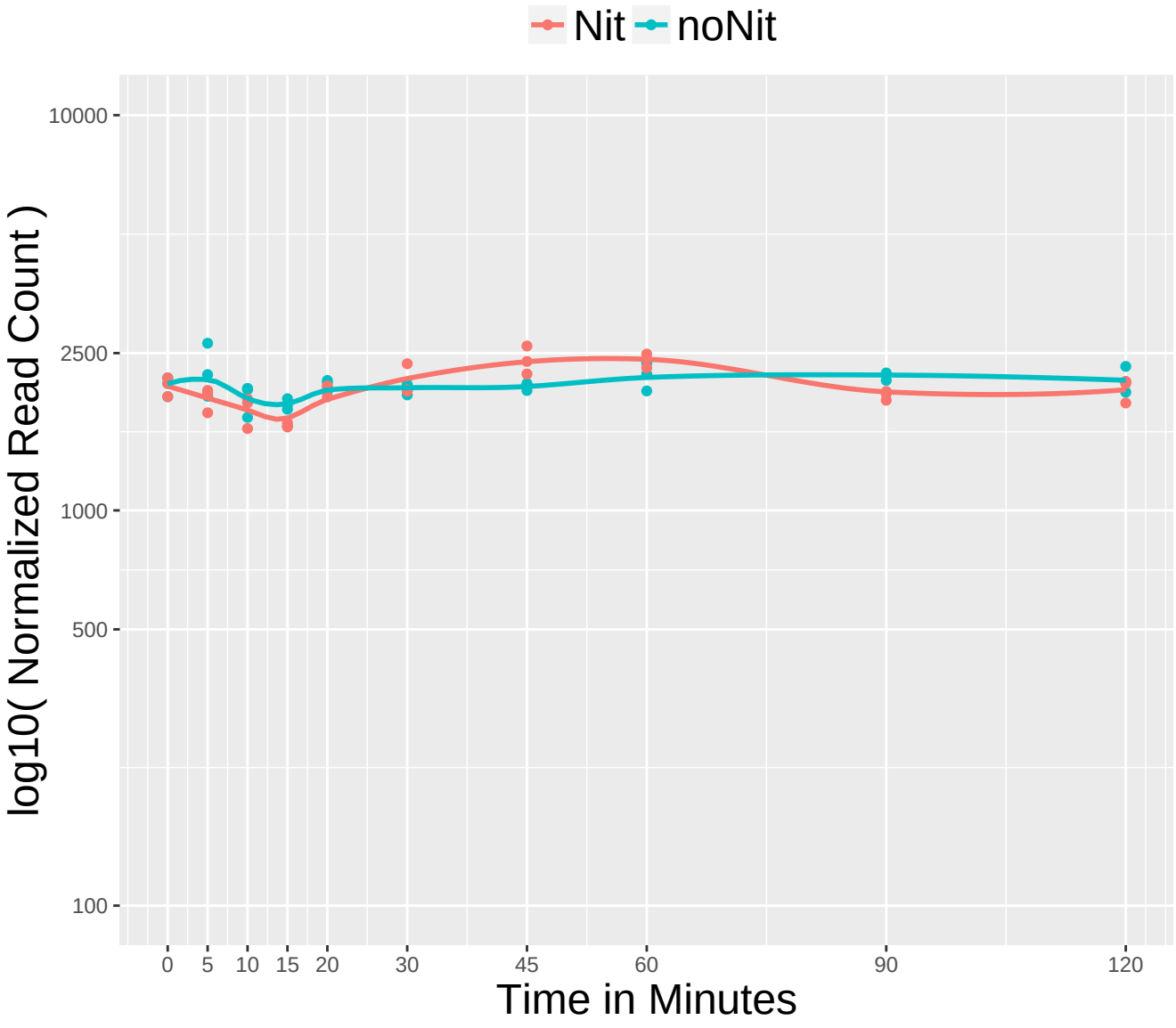


AT1G12850

Phosphoglycerate



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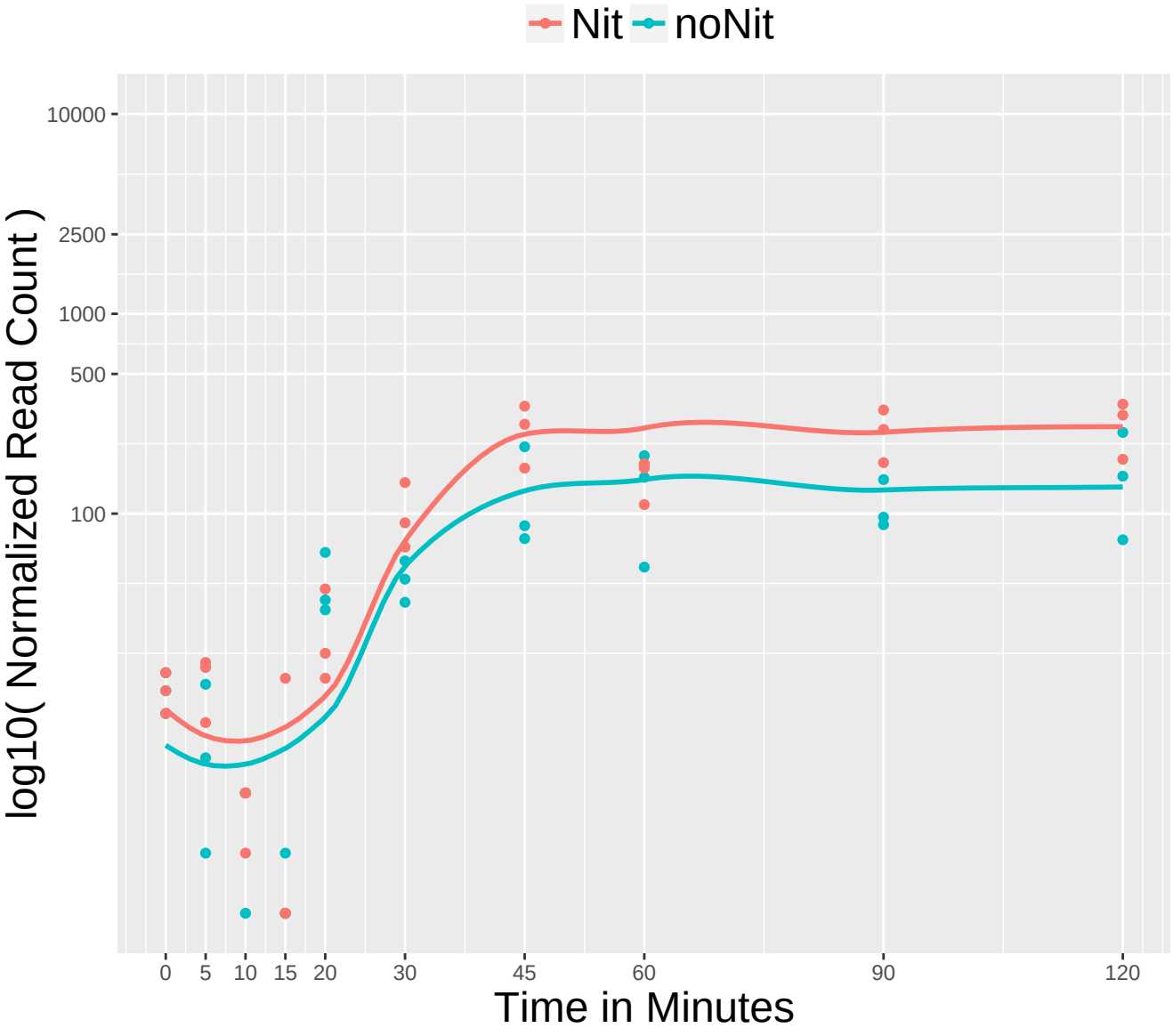
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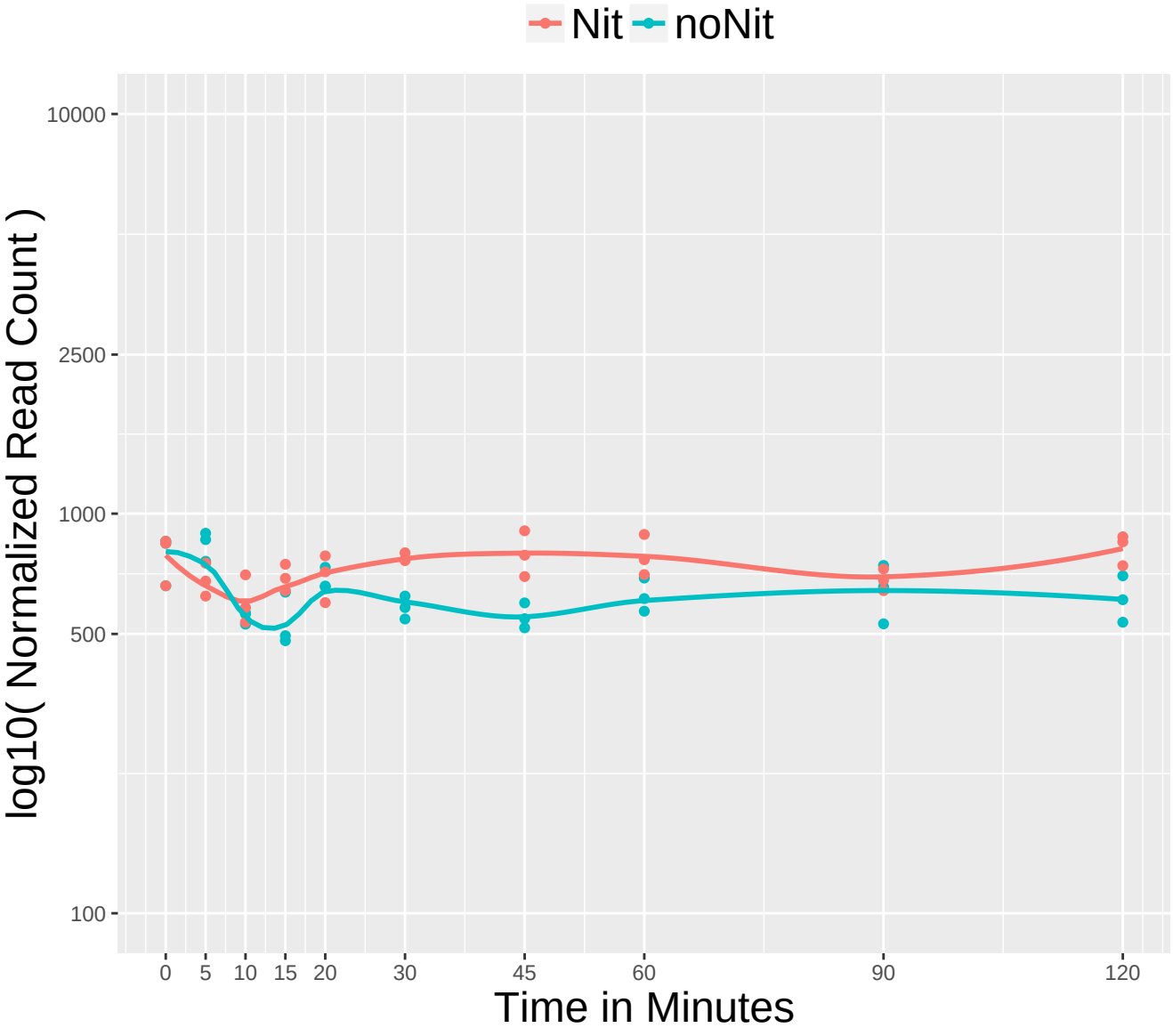
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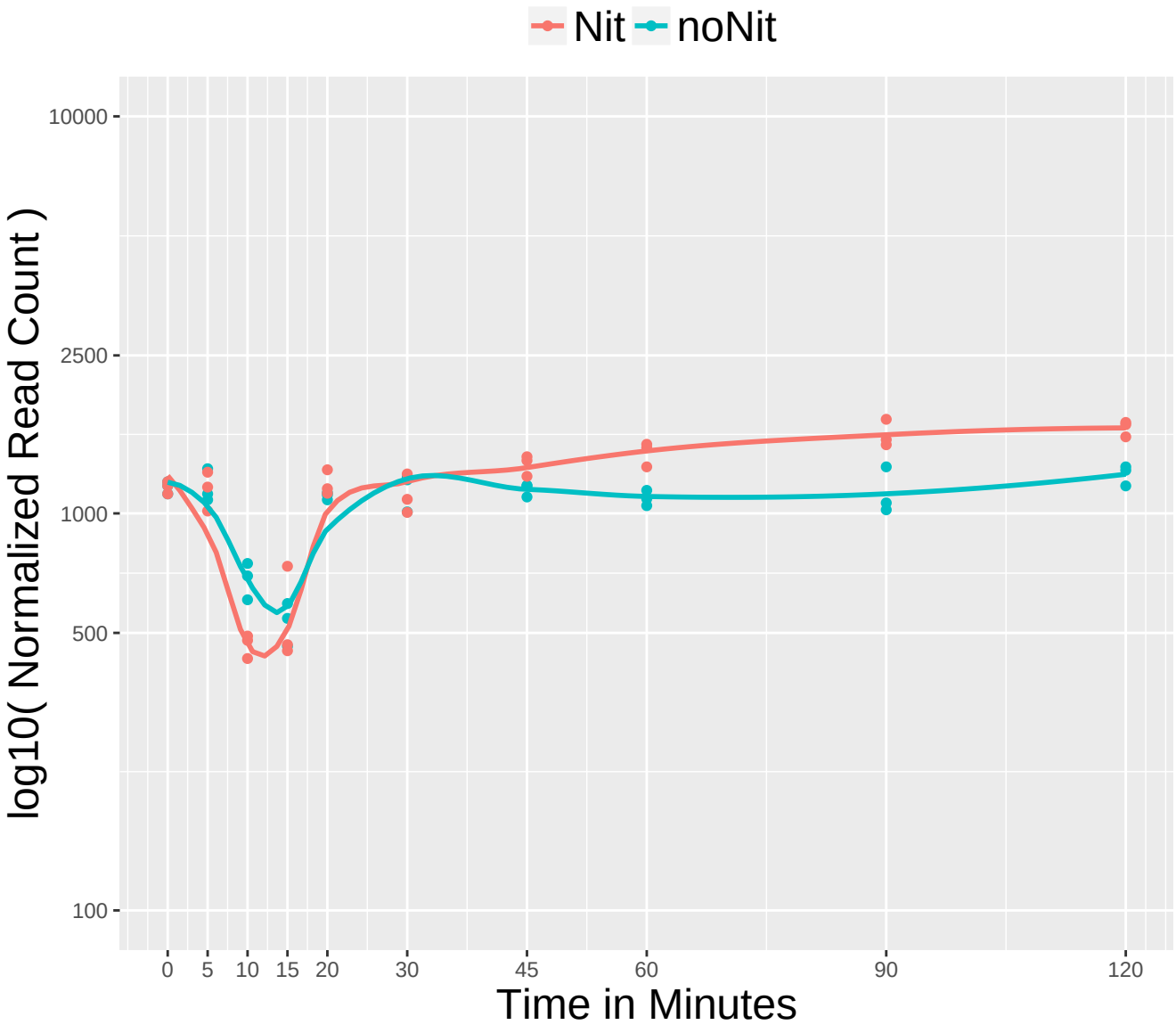
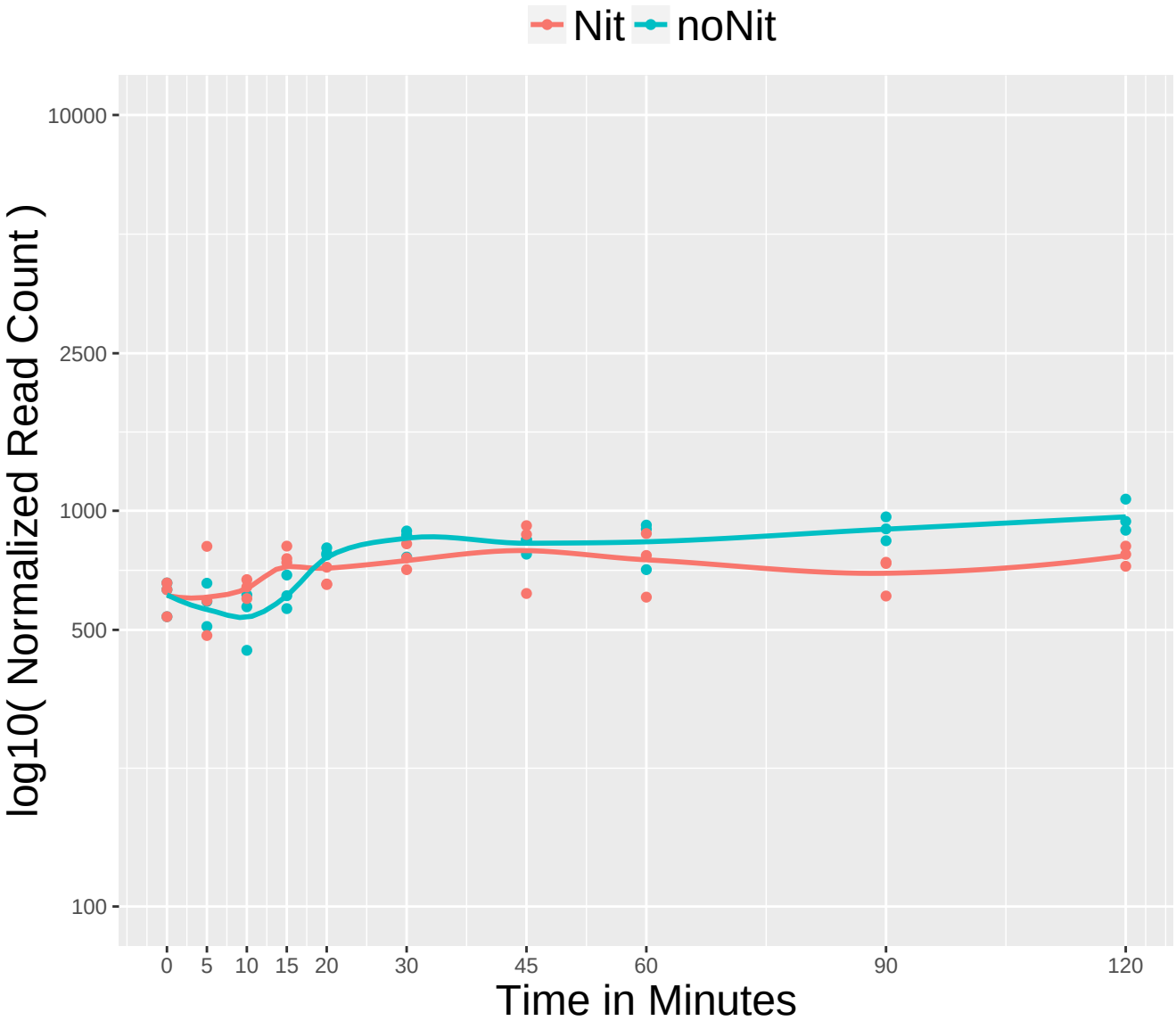
AT1G17690

NOF1,nucleolar



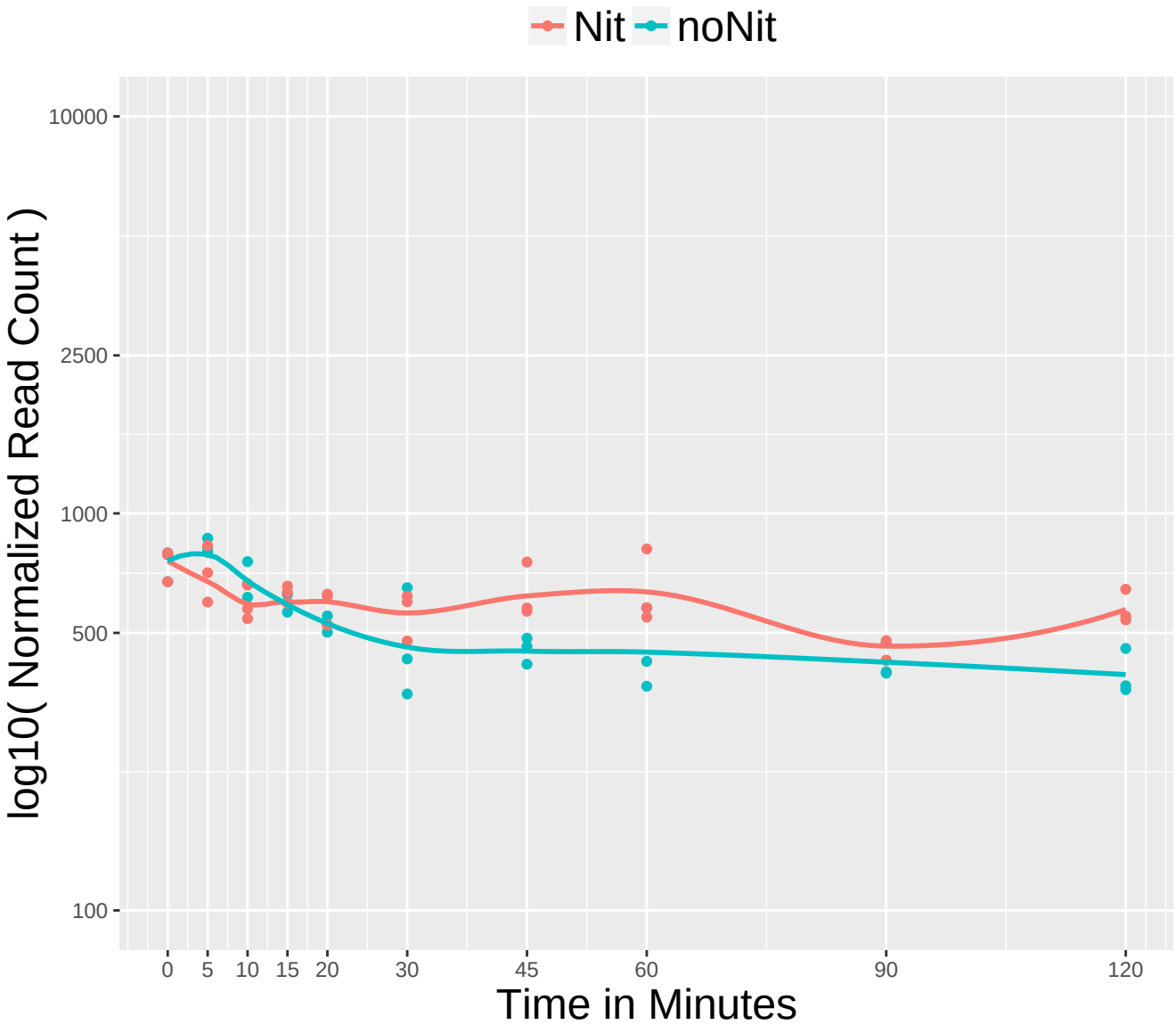
AT1G19710

UDP−Glycosyltransferase



AT1G32370

TOM2B,tobamovirus



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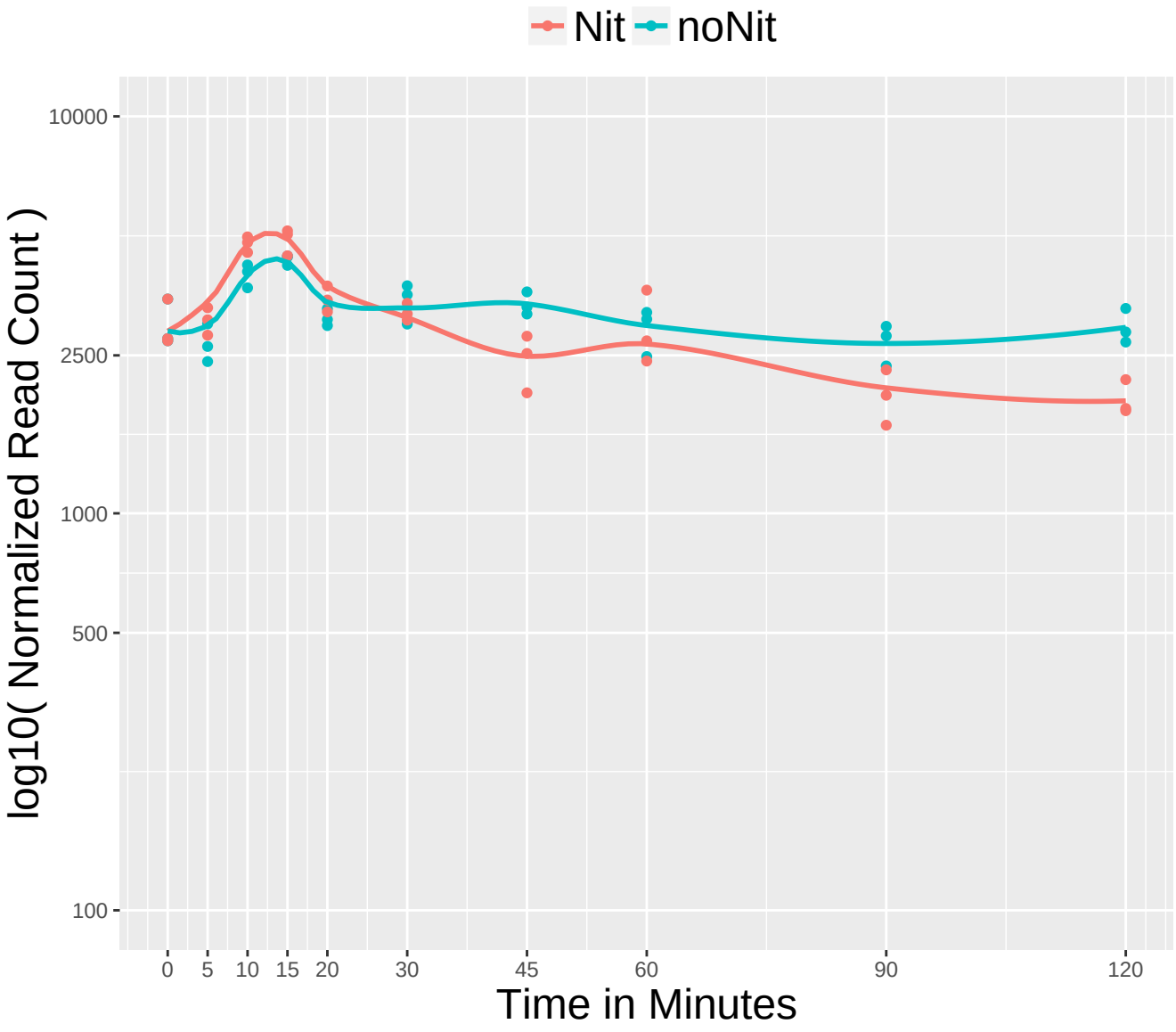
ATPEPR1,PEP1



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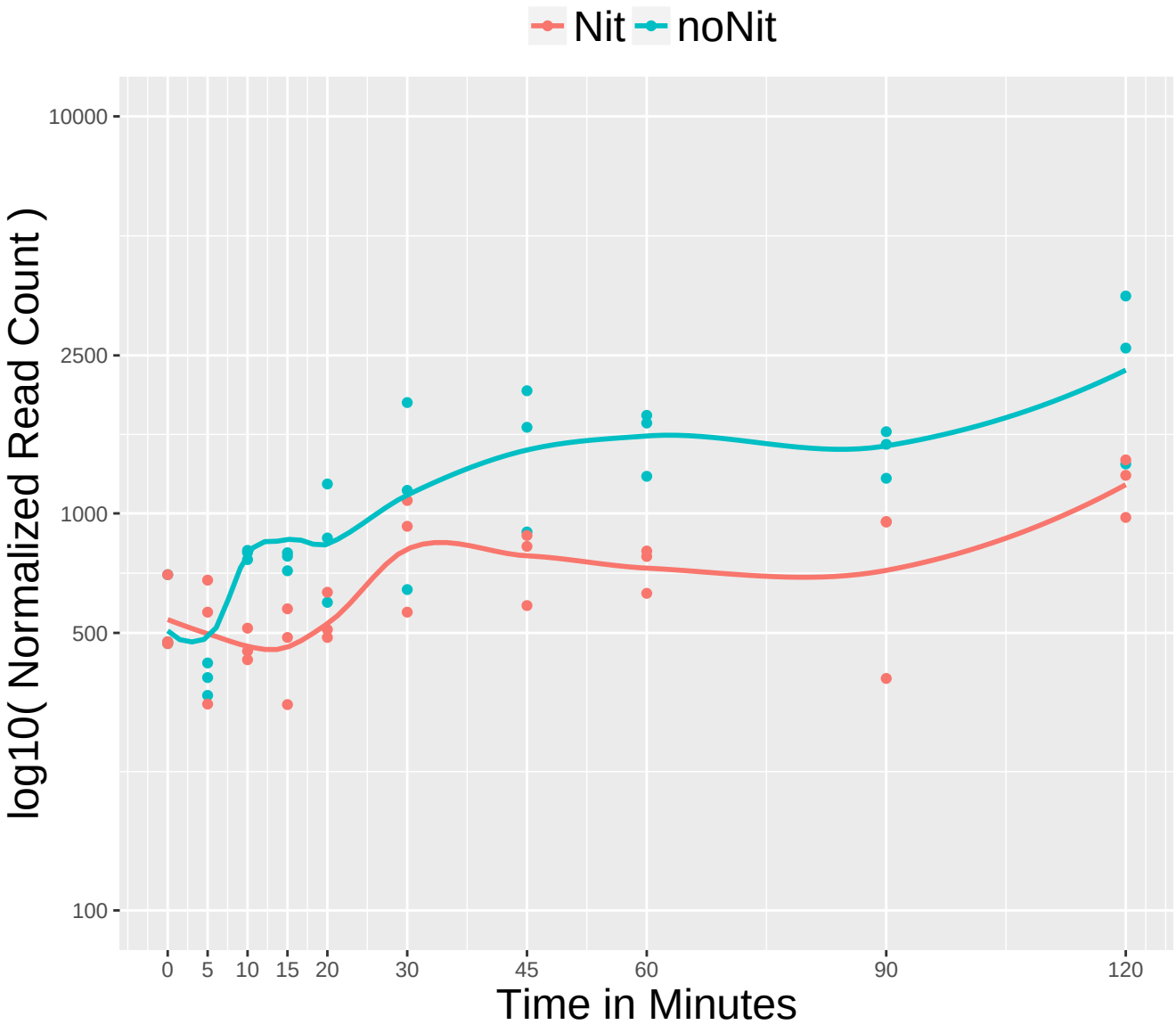
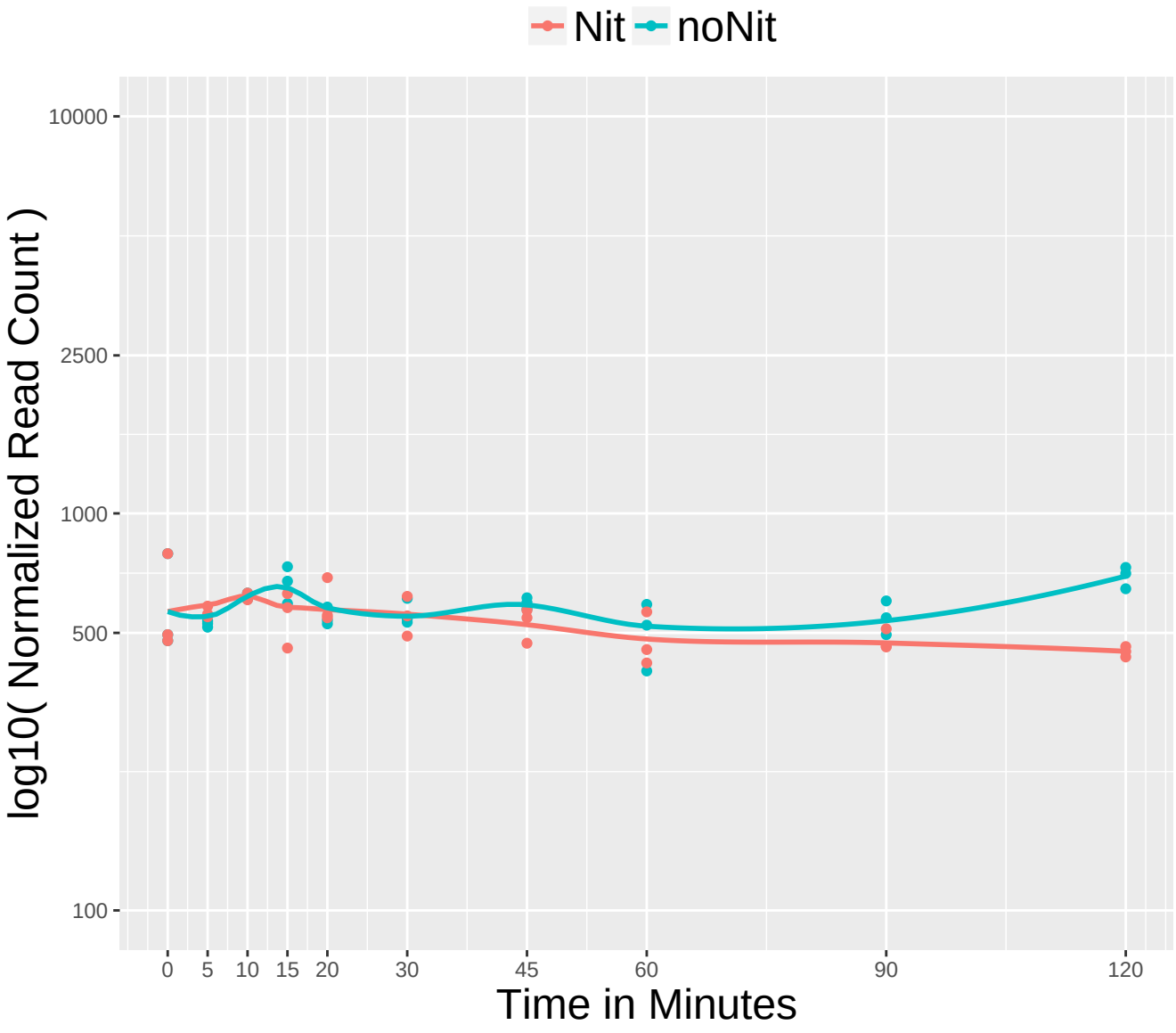
IGMT5,indole



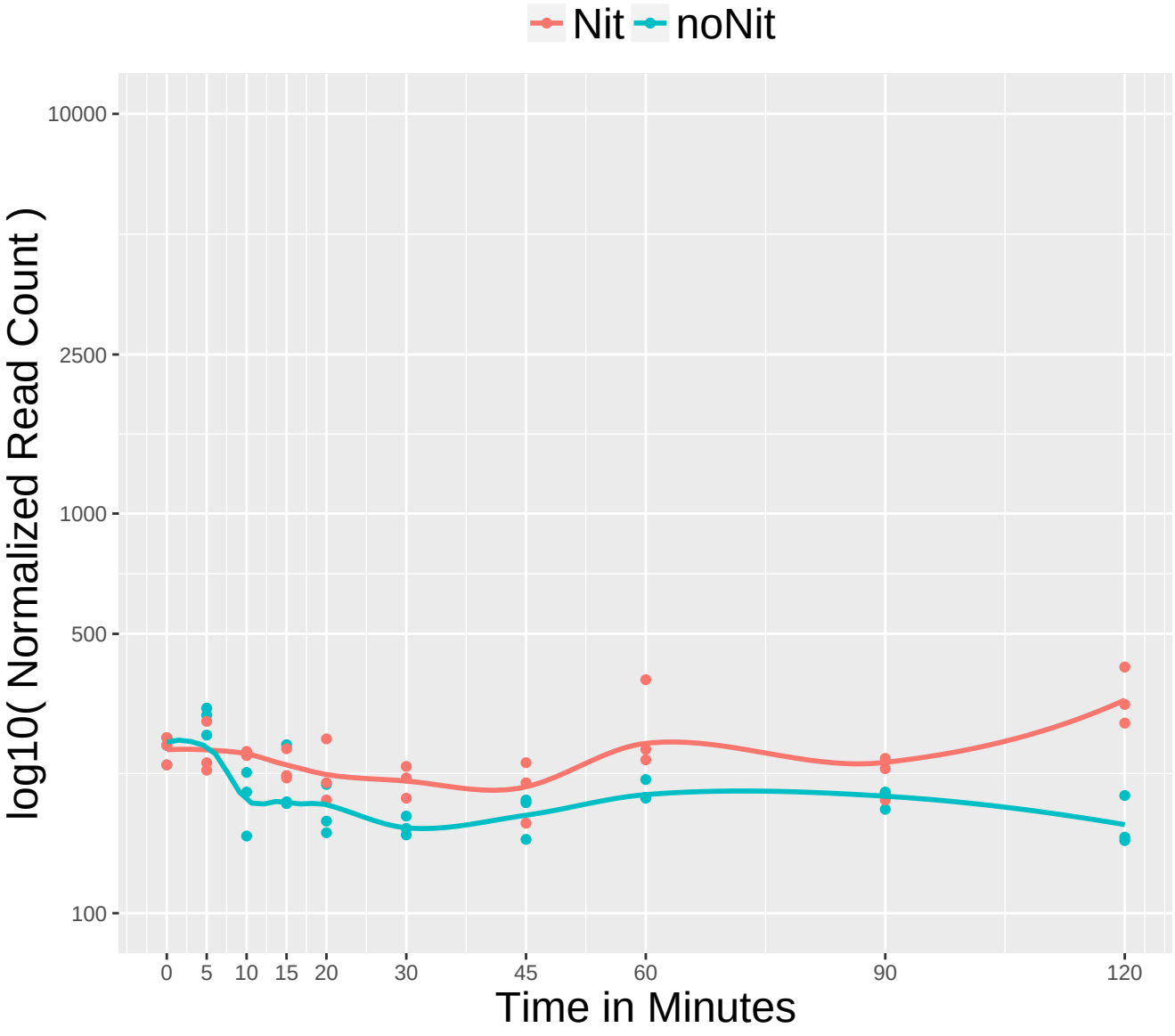
AT2G02810

ATUTR1,UDP−GALACTOSE



AT2G18735

other



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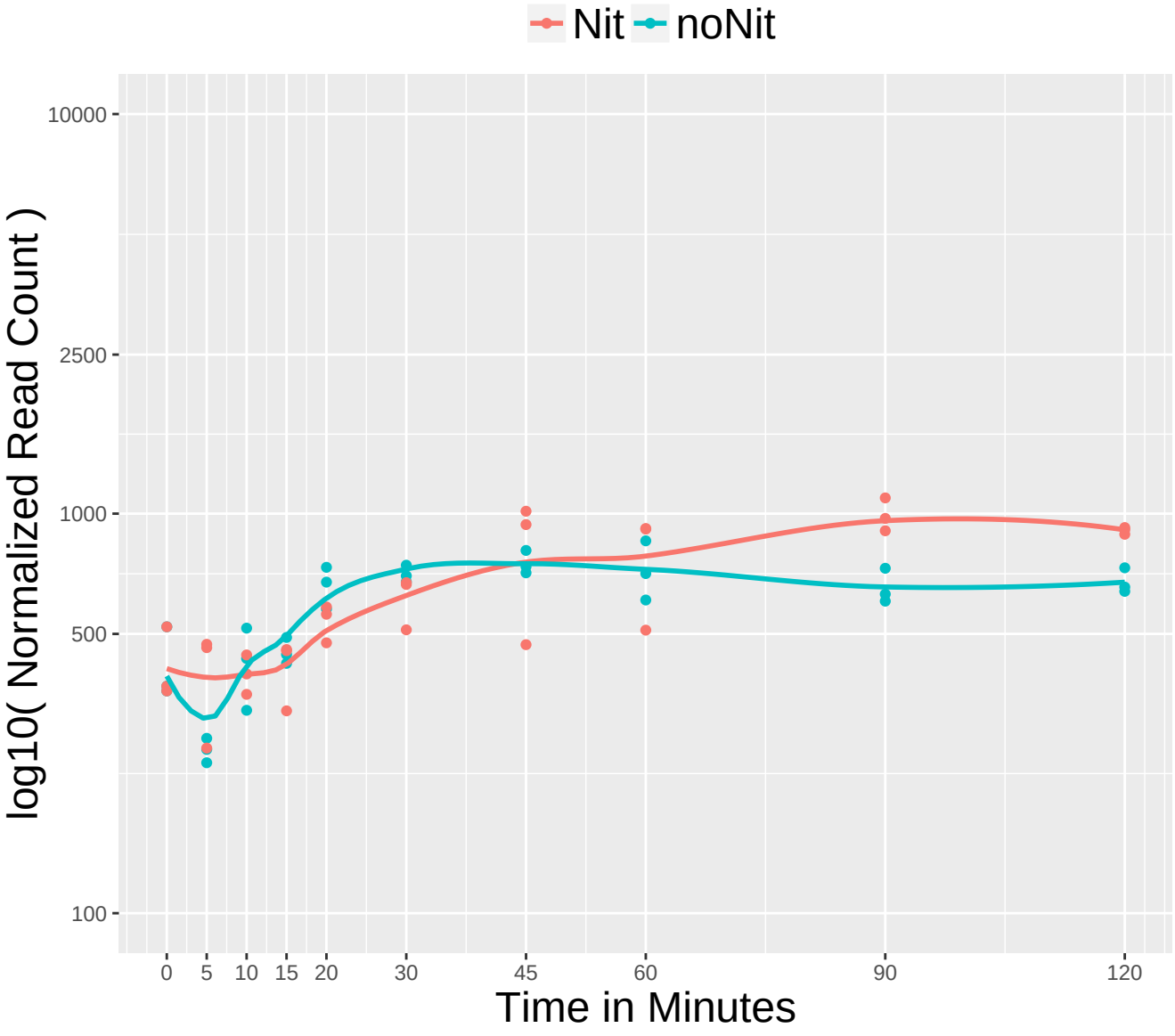

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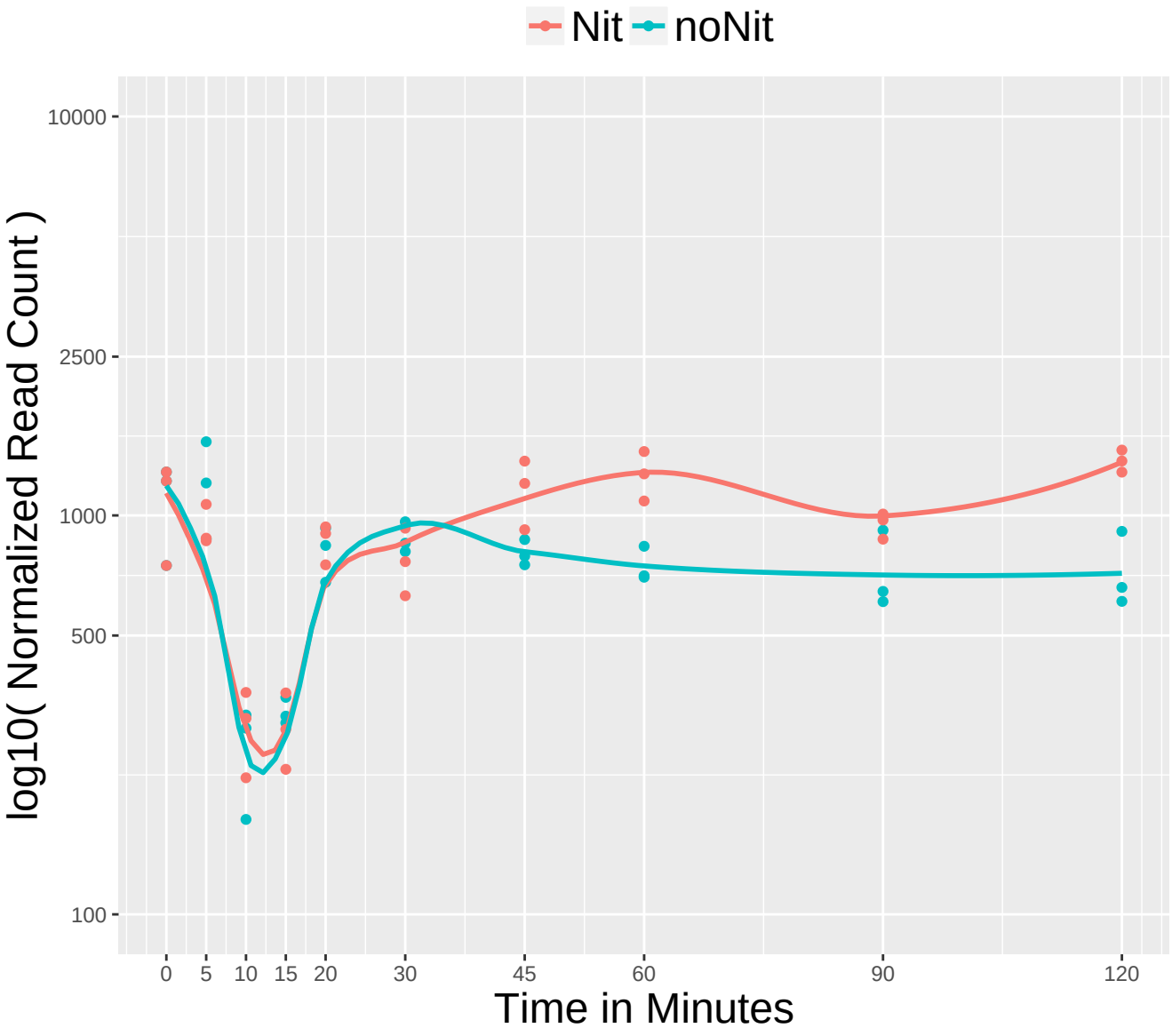
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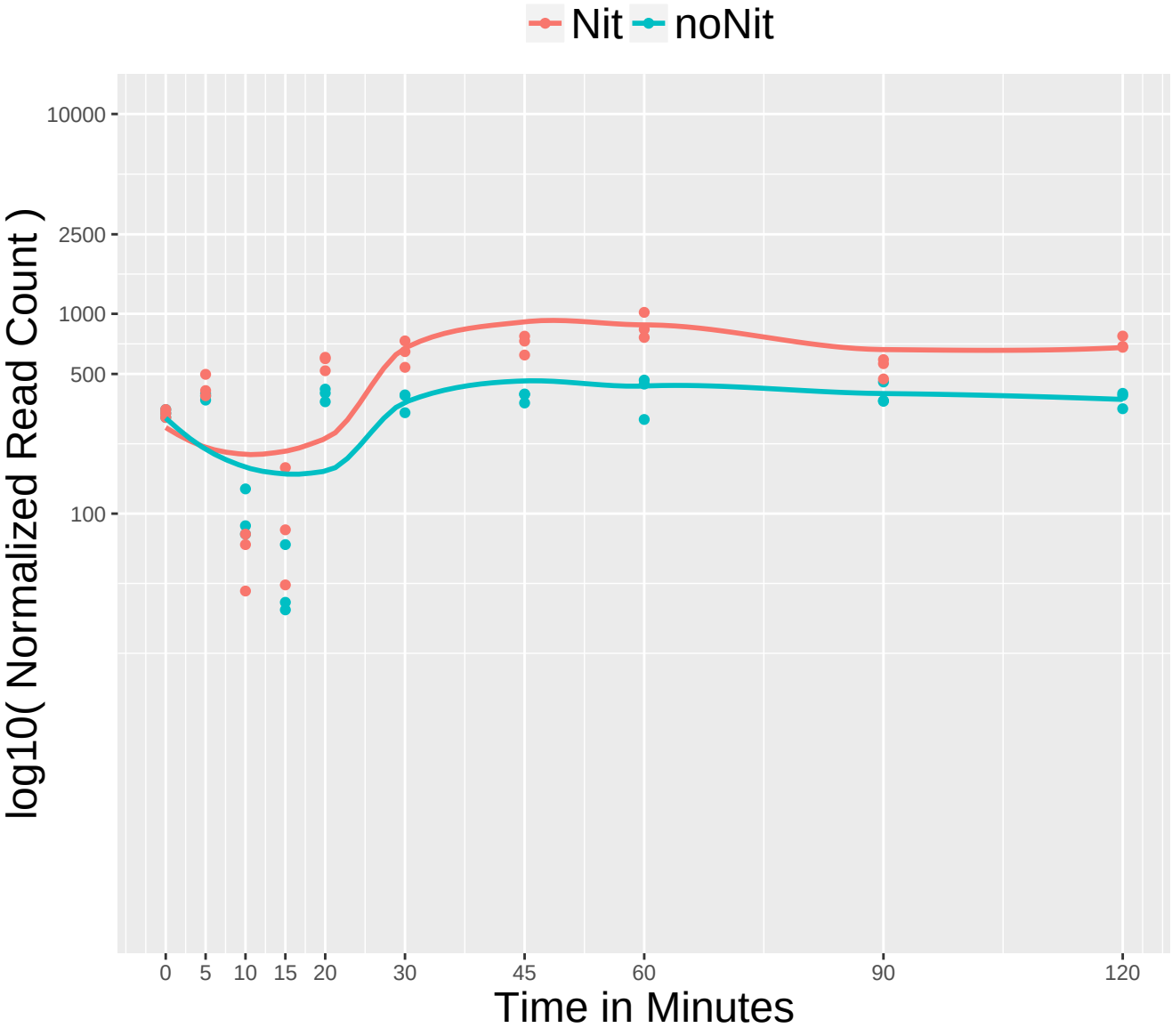
AT3G48185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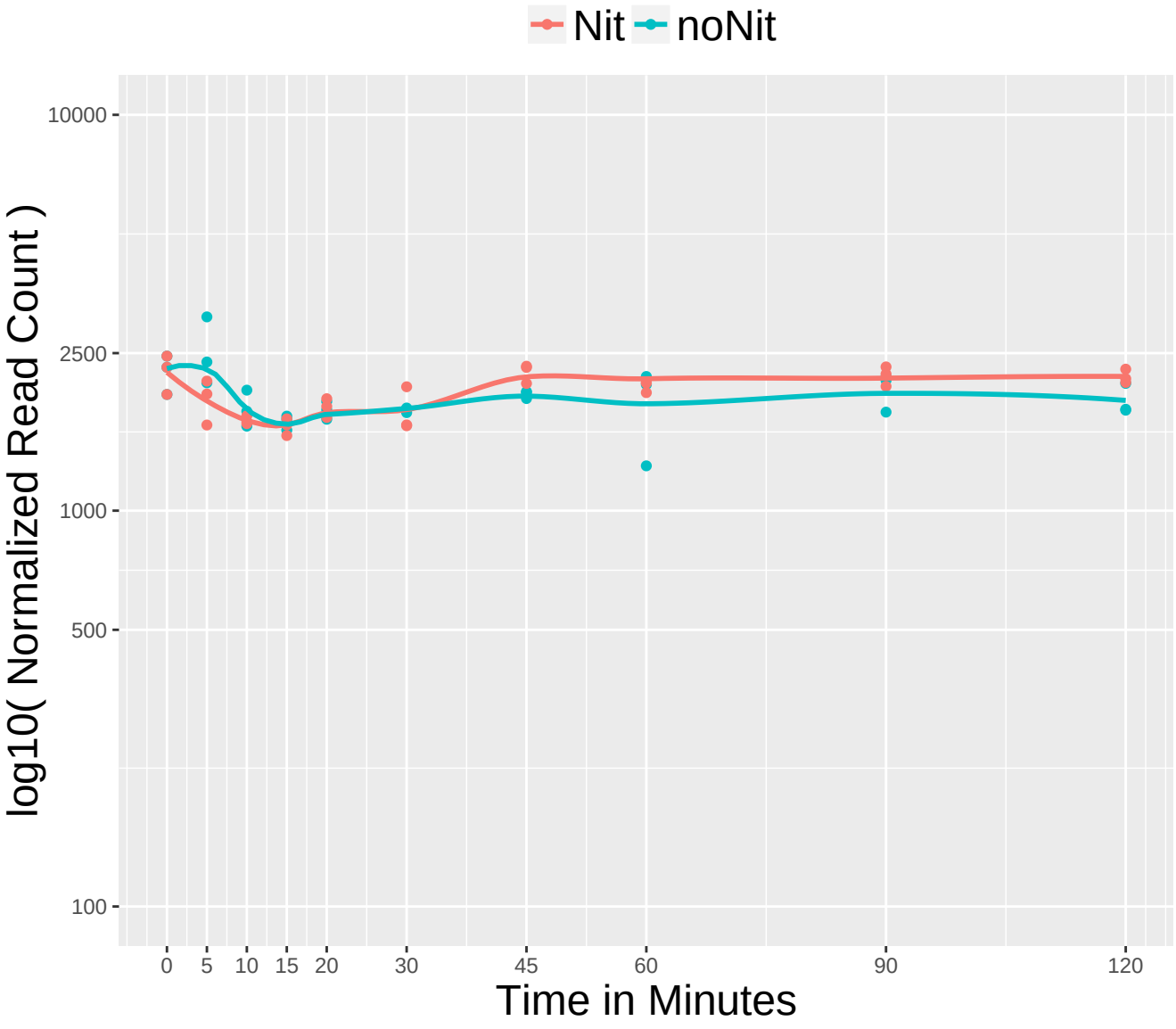
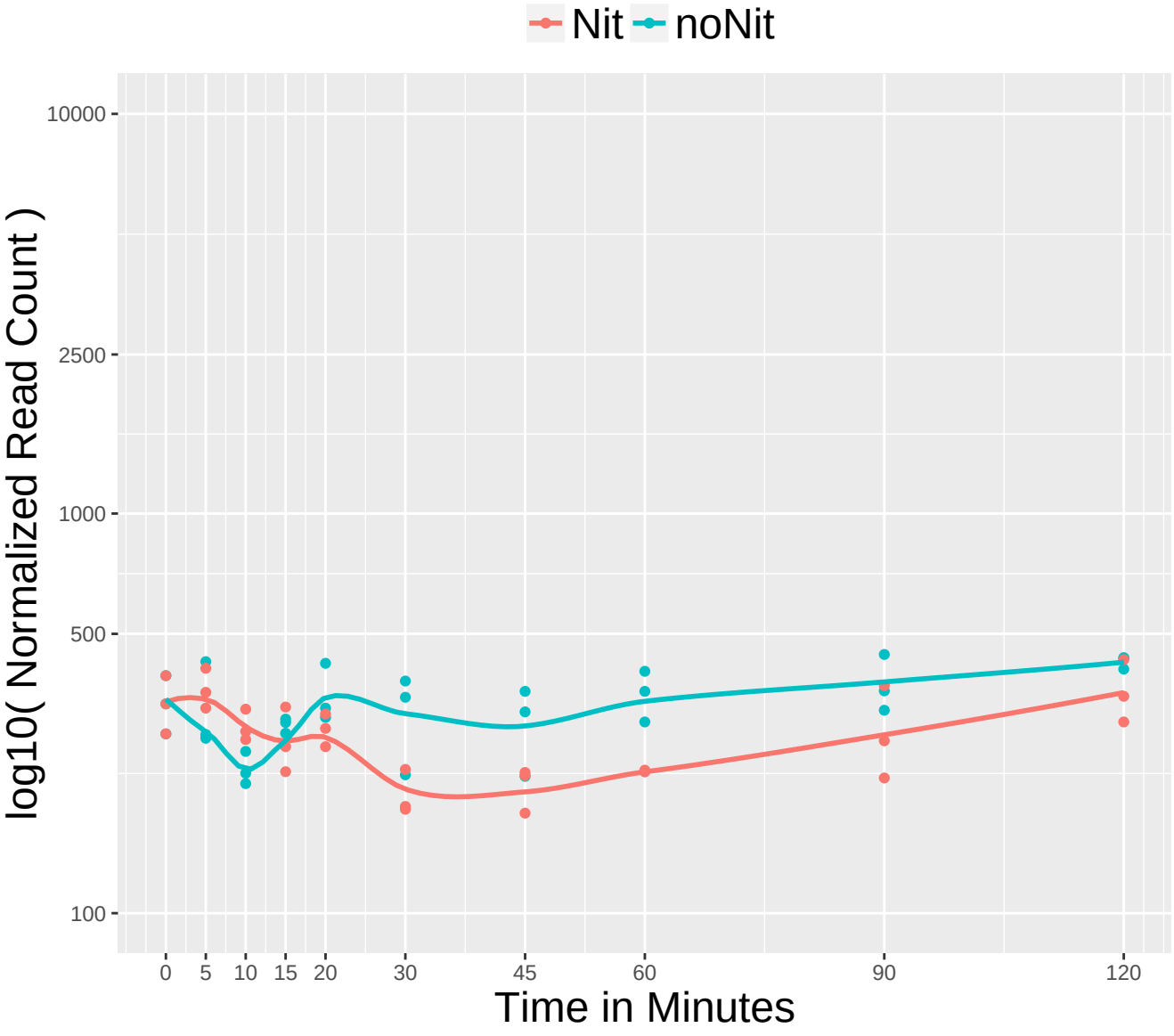
AT3G48430

JMJ12,Jumonji



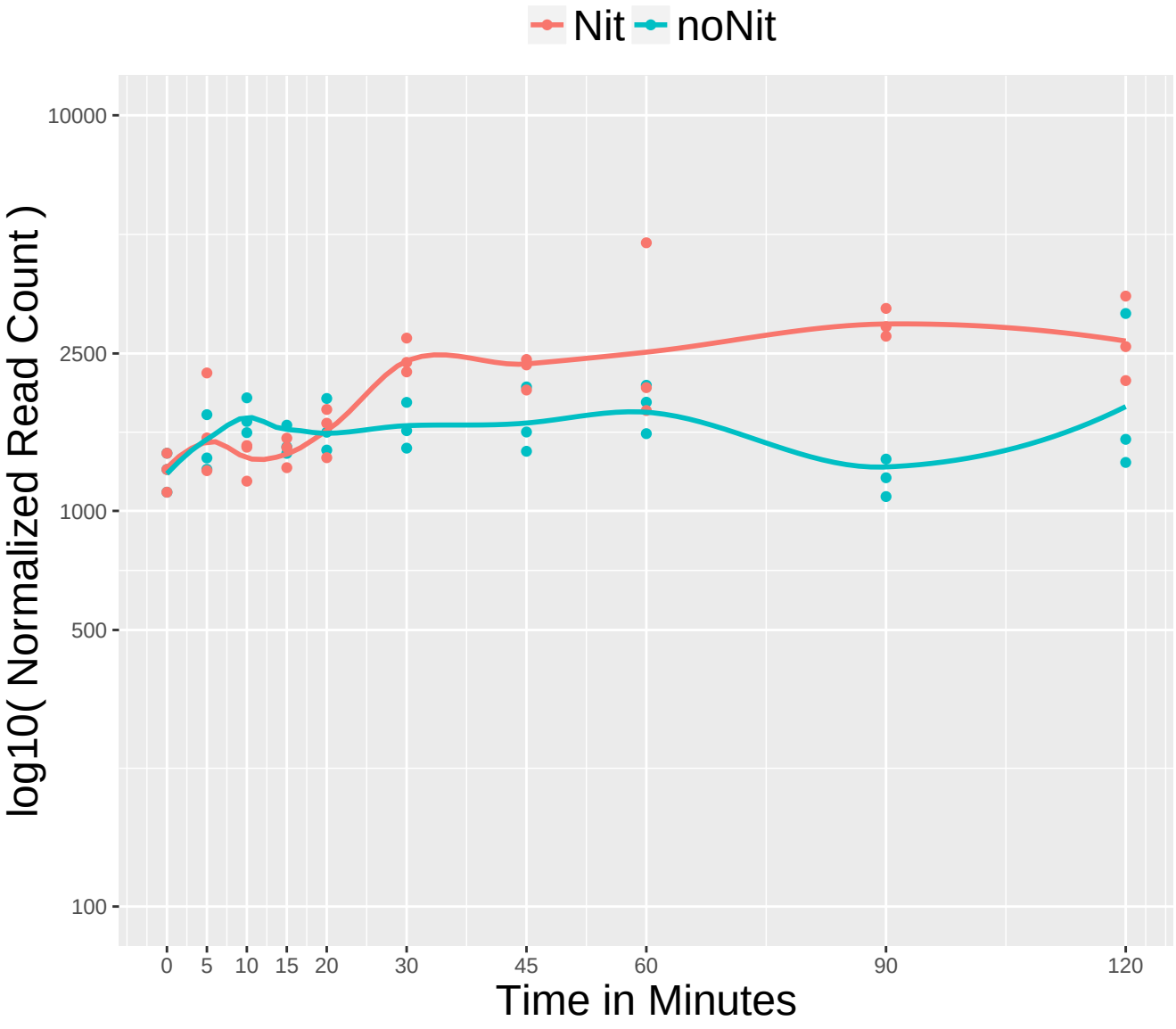
AT4G01140

Protein



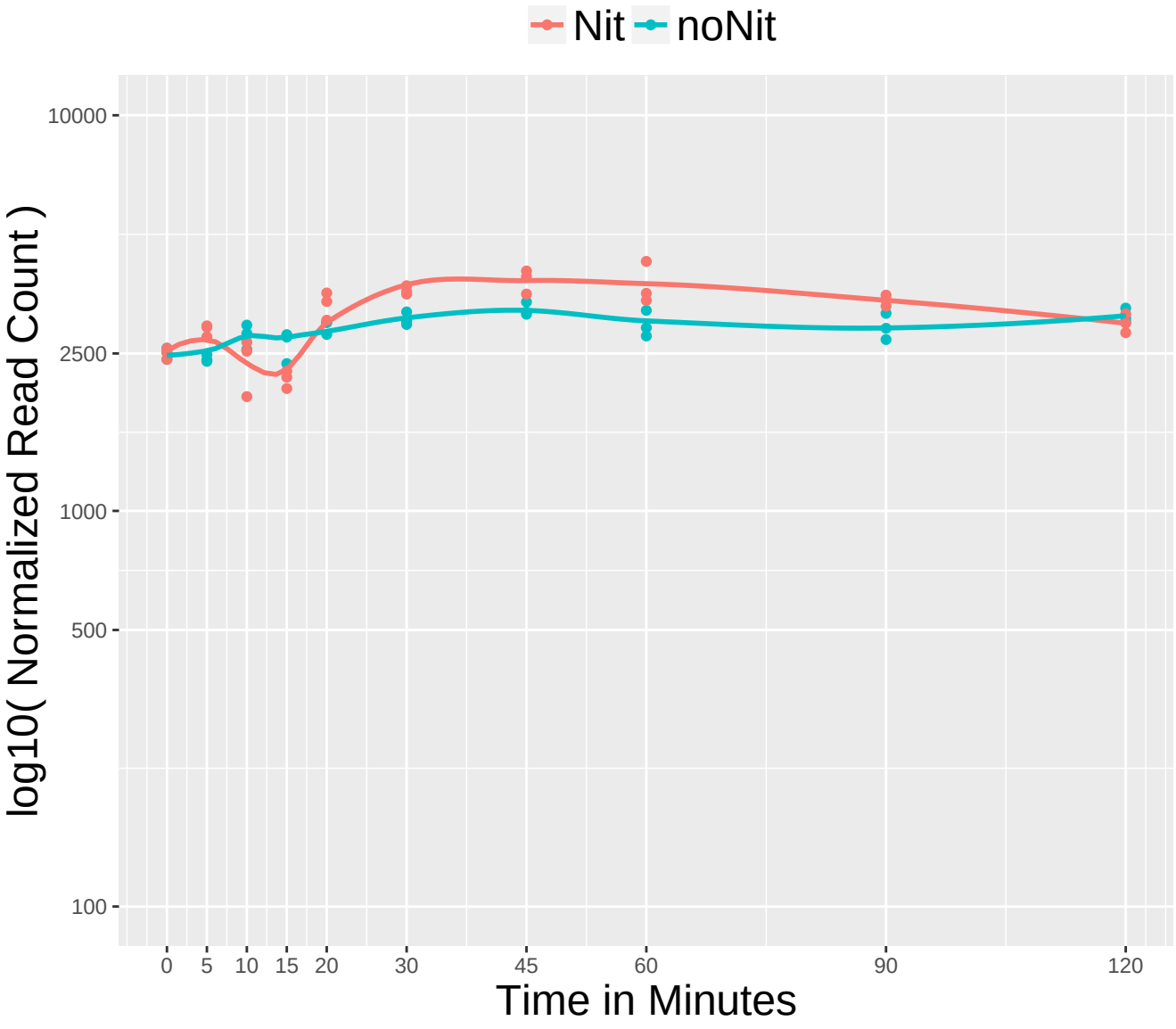
AT4G15760

MO1,monooxygenase



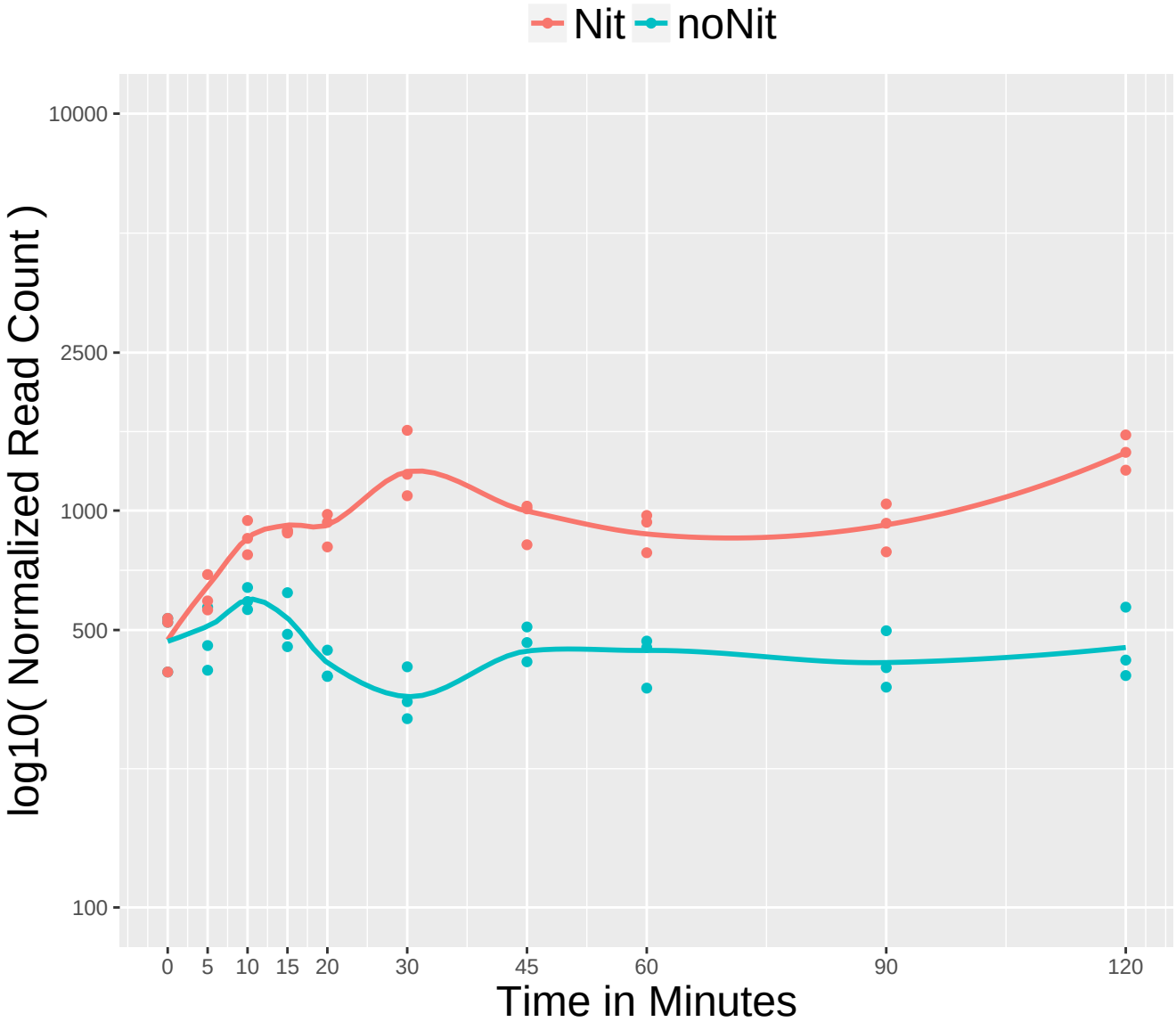
AT4G26650

RNA−binding



AT4G34750

SAUR49,SMALL



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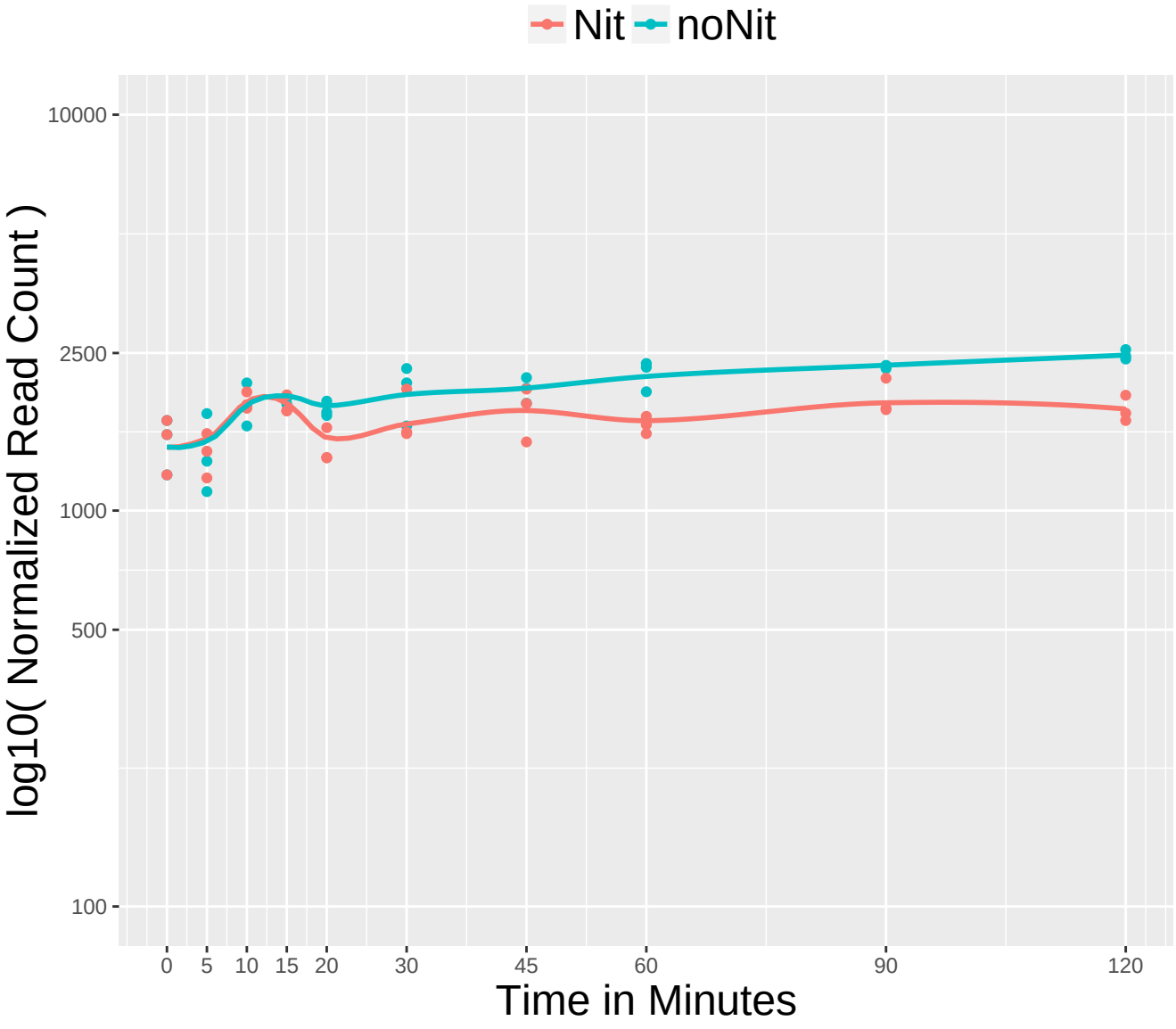
Sec14p−like



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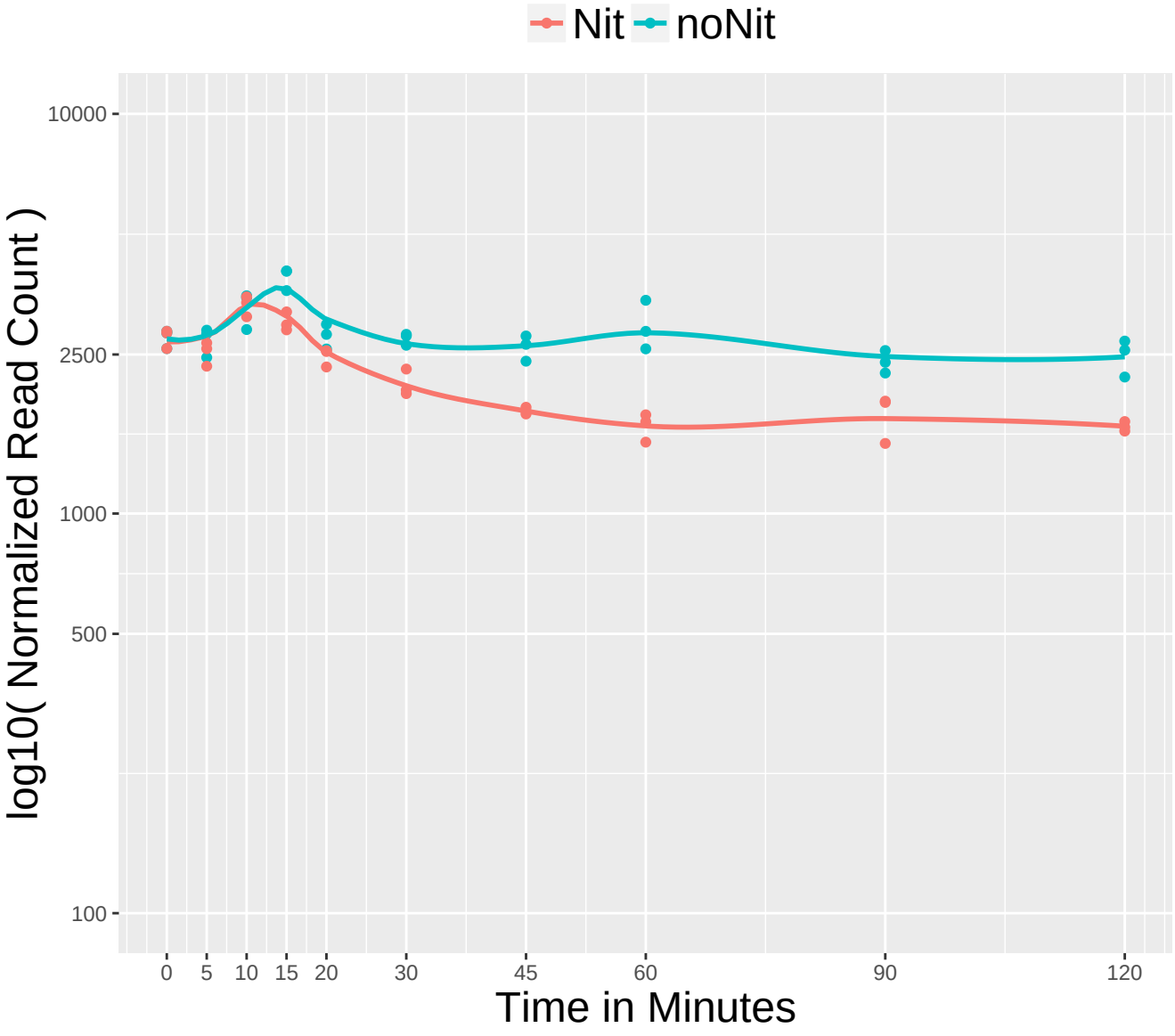

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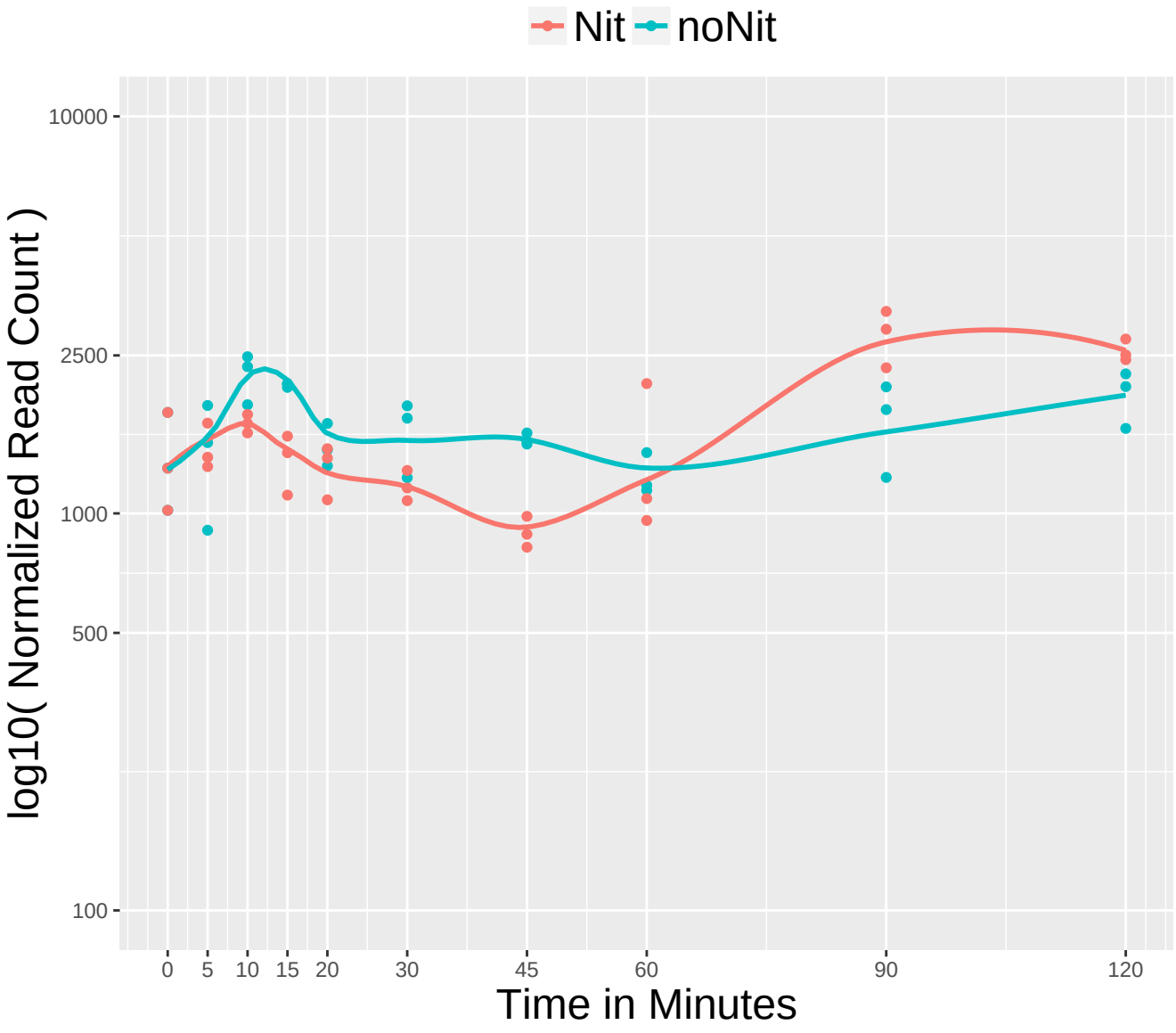
ZFP5,zinc



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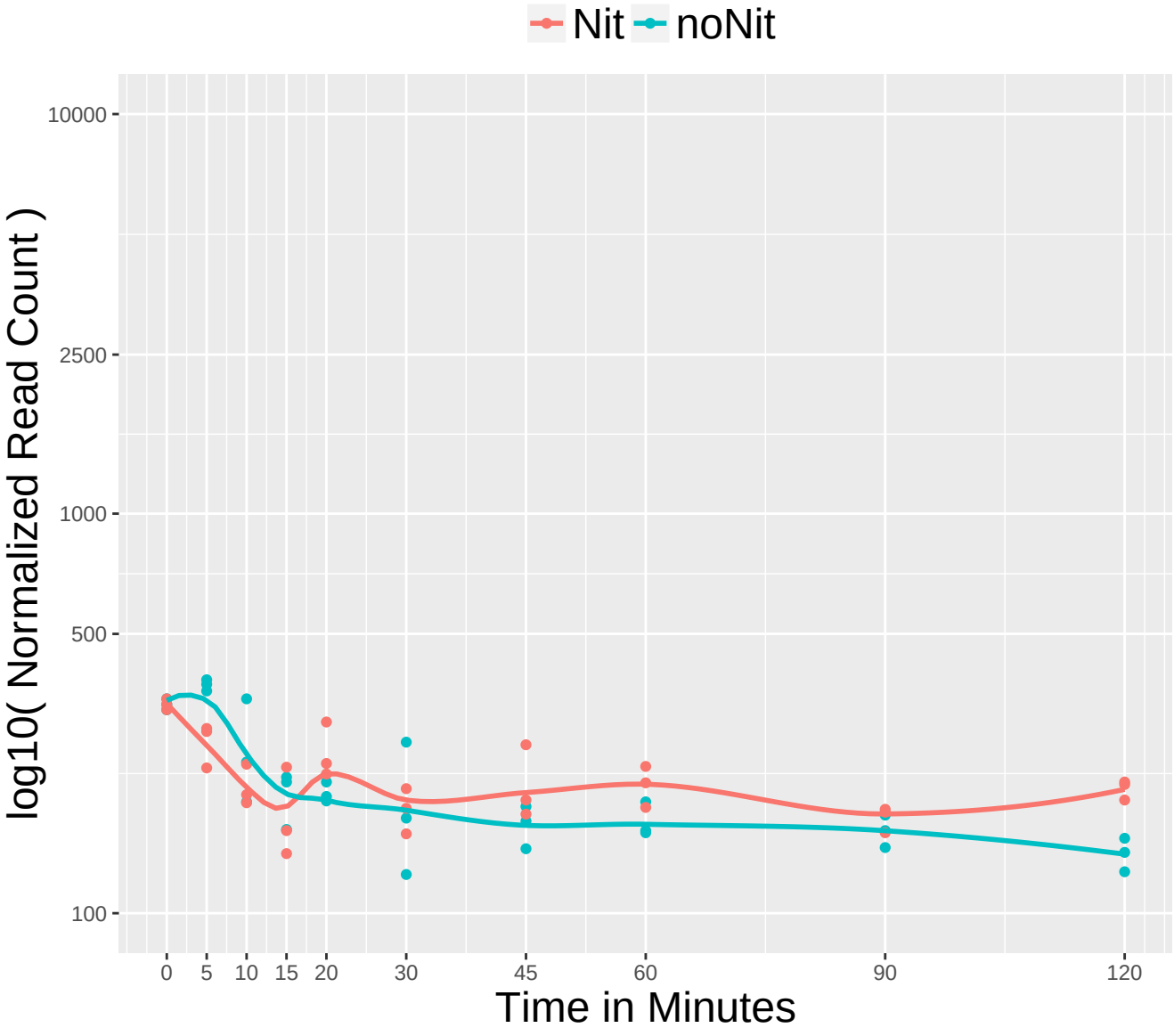

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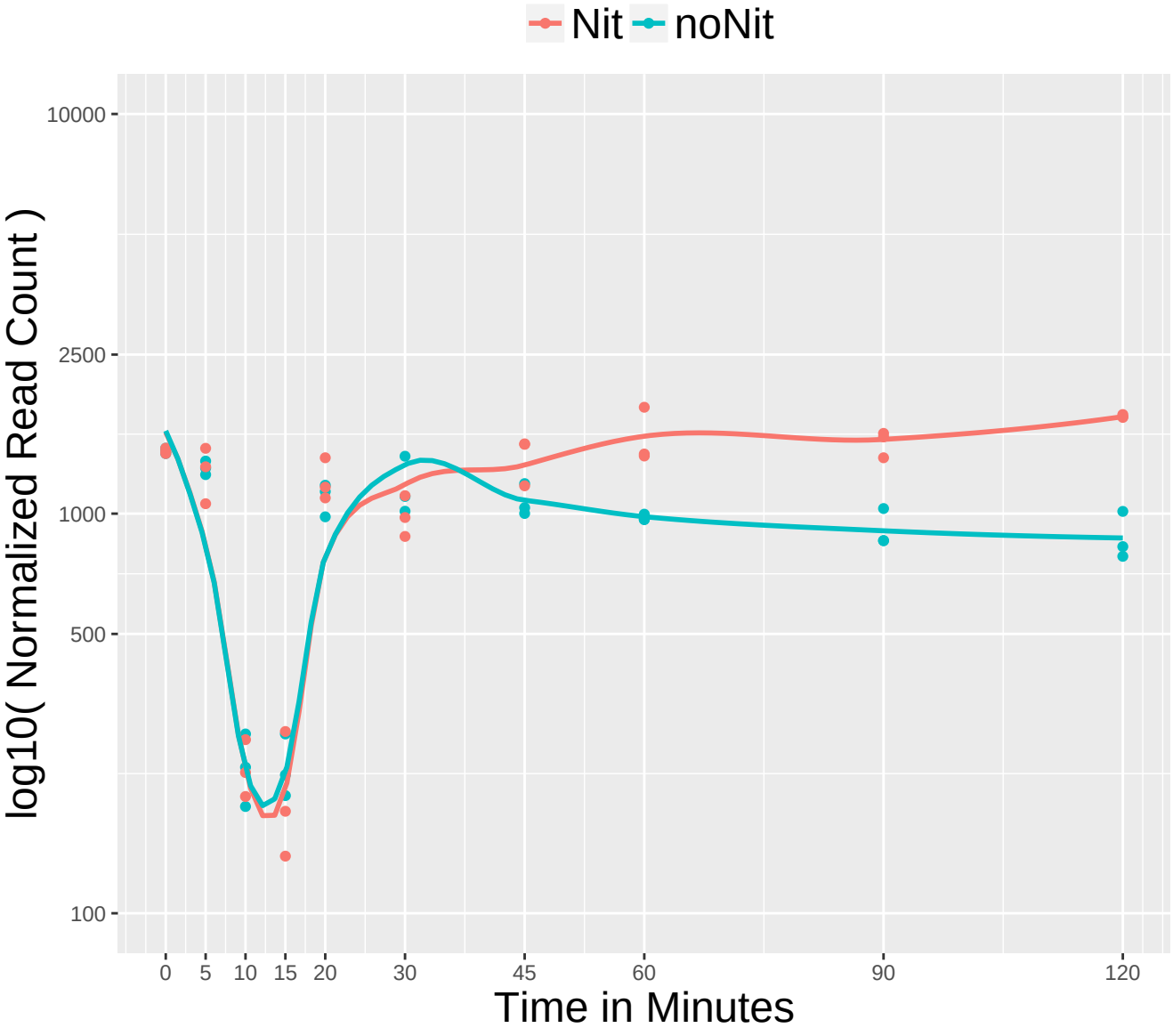
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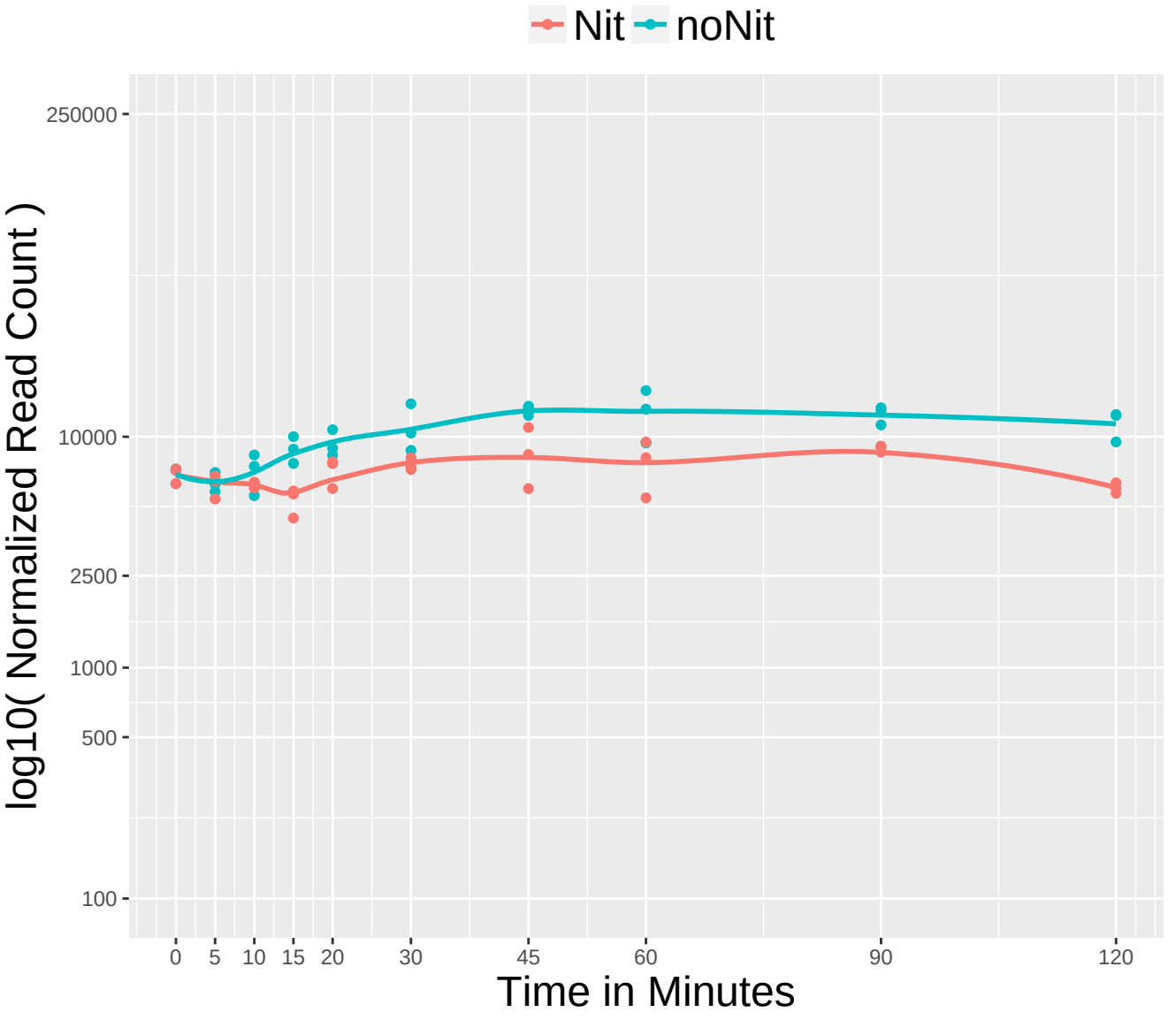
Time in Minutes

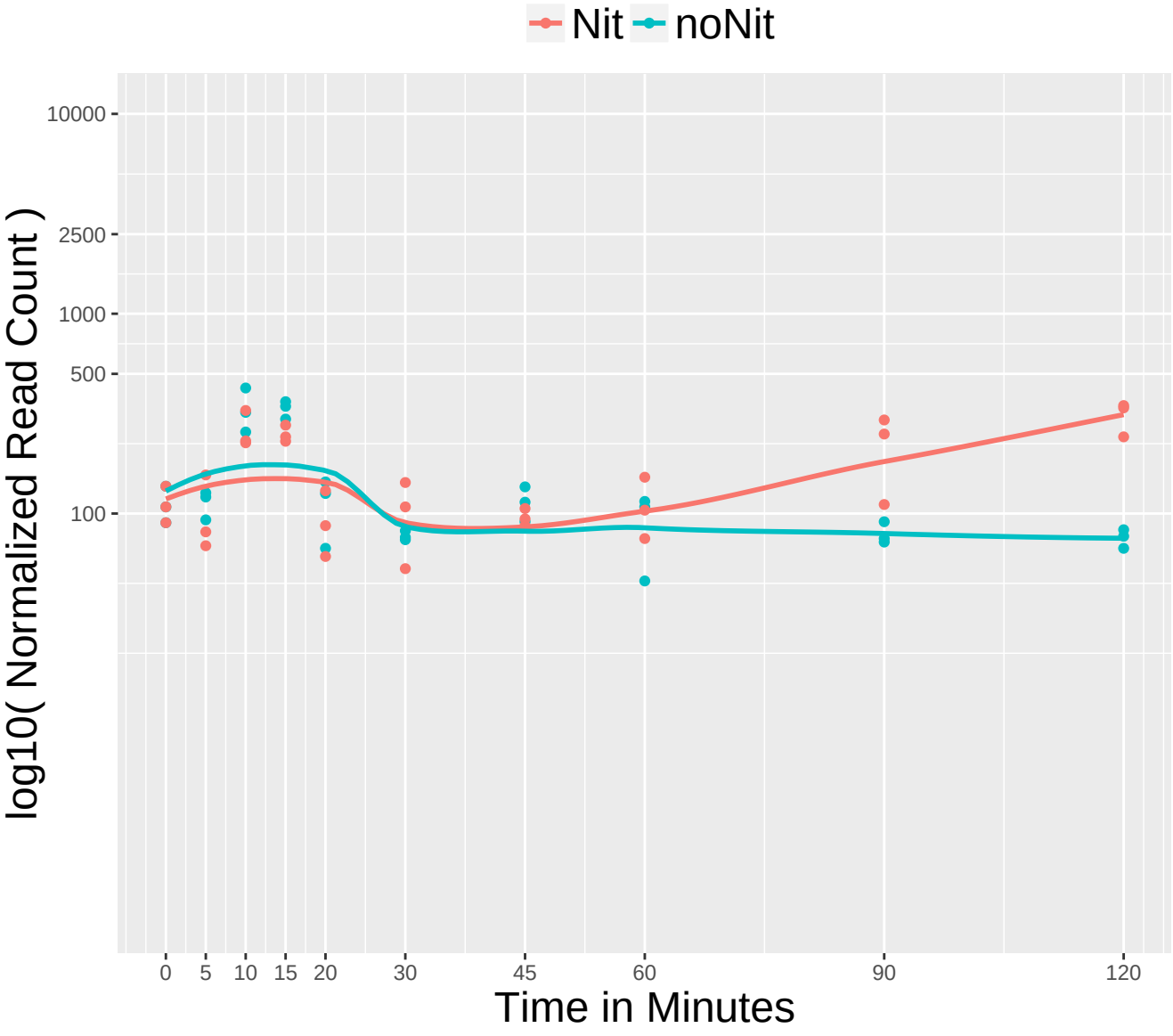
AT1G36160

ACC1,acetyl−CoA



AT1G54095

Protein



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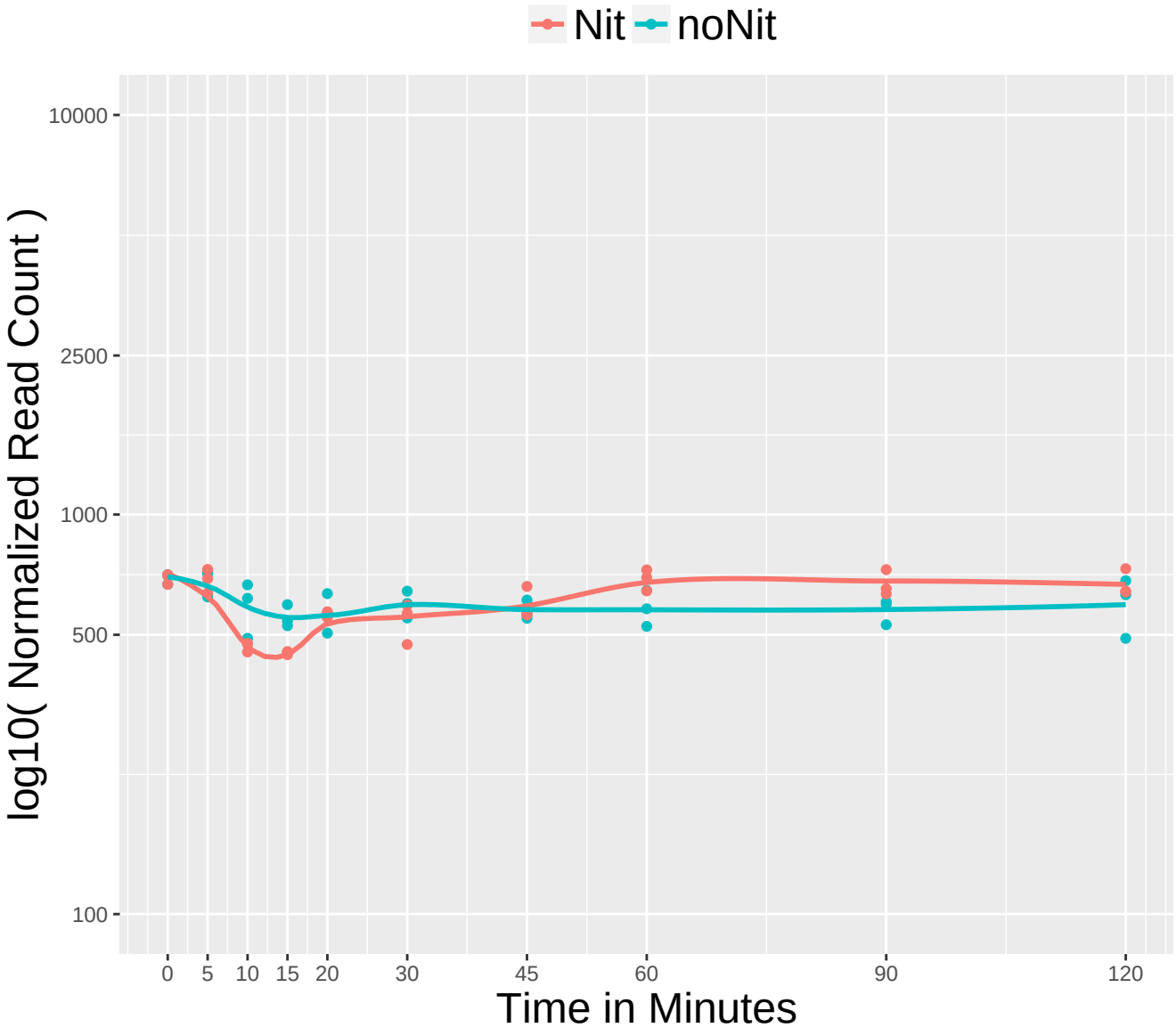
MED9



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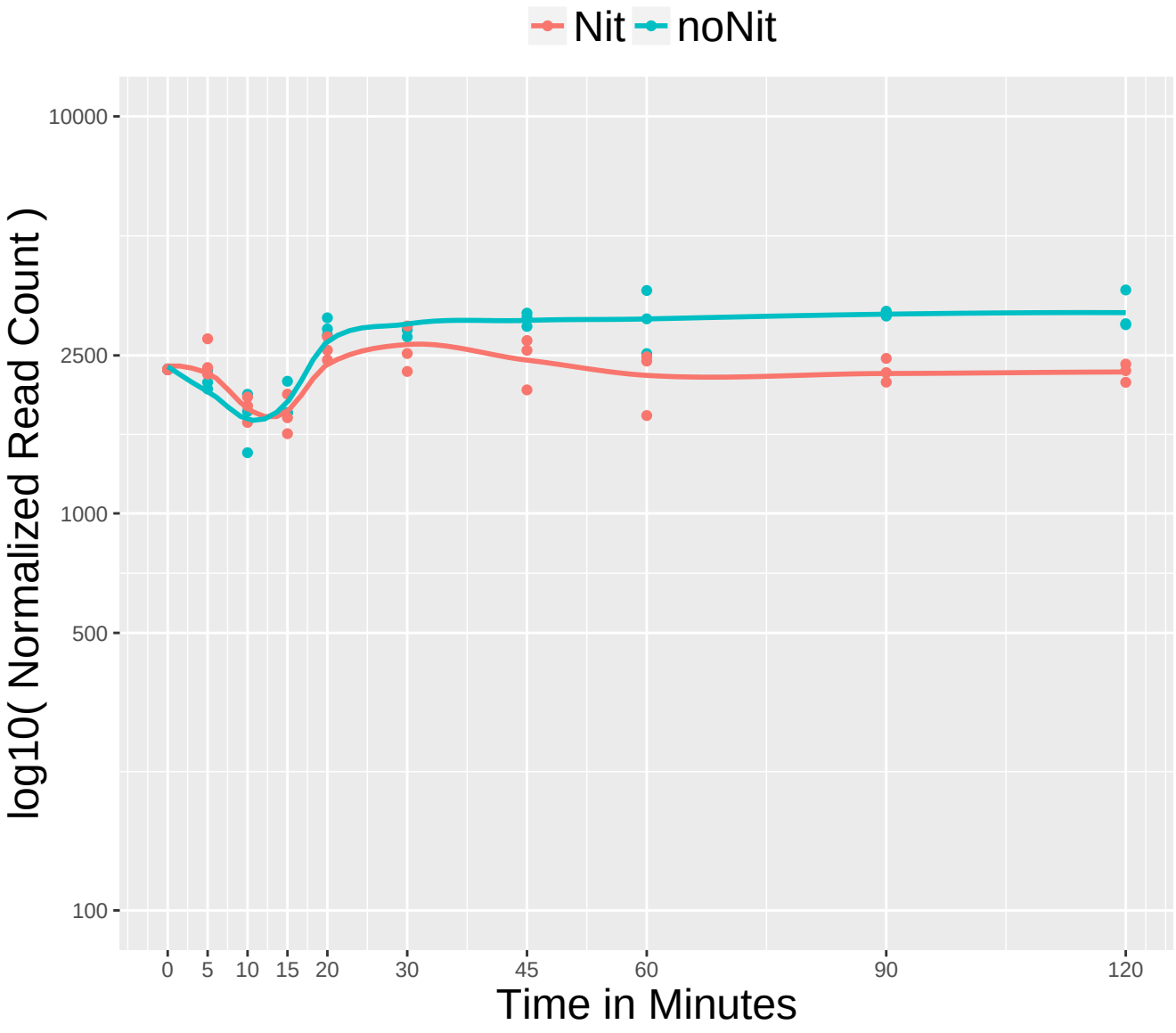
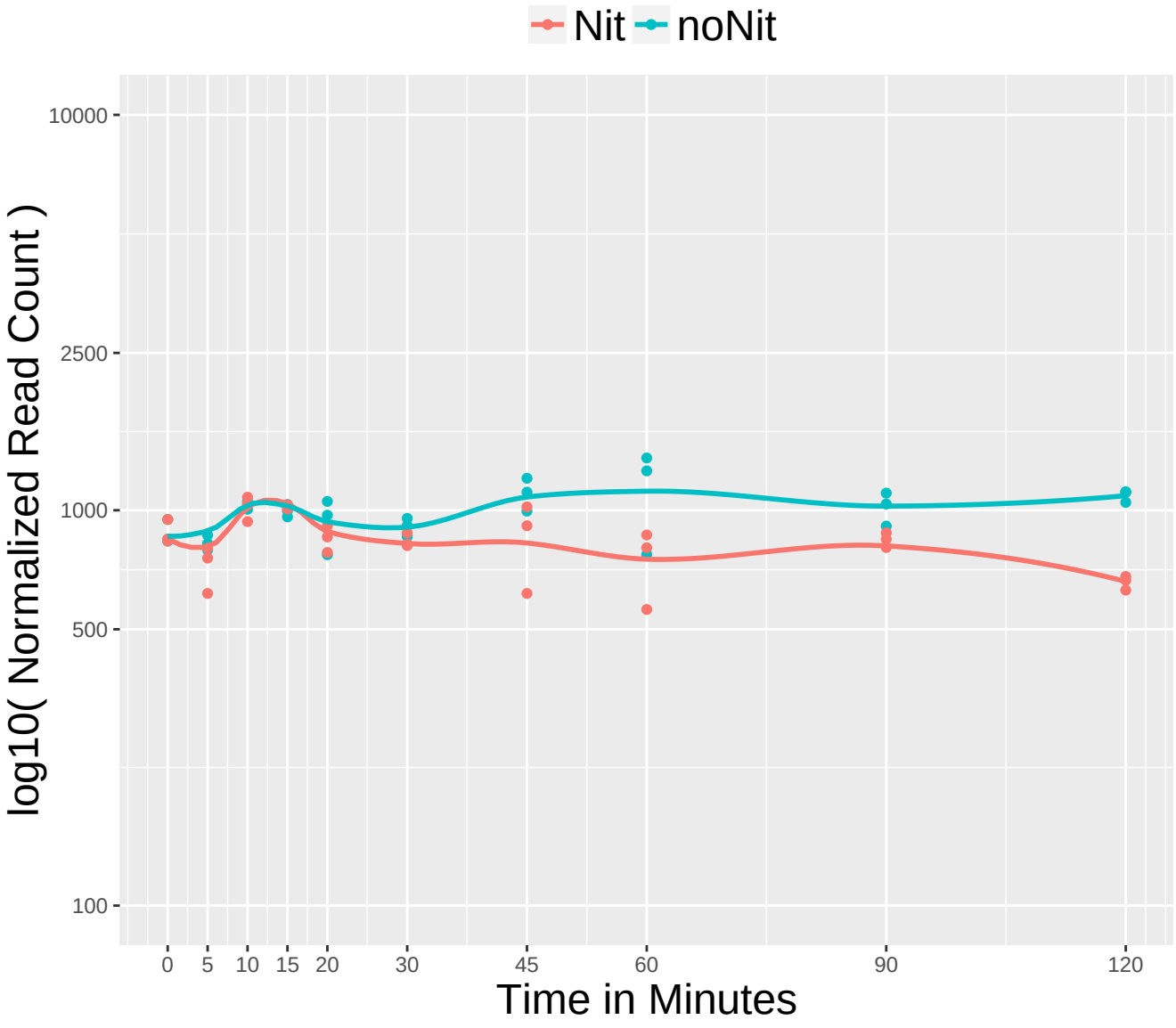
ATSPPL2,SIGNAL



AT1G67500

ATREV3,recovery



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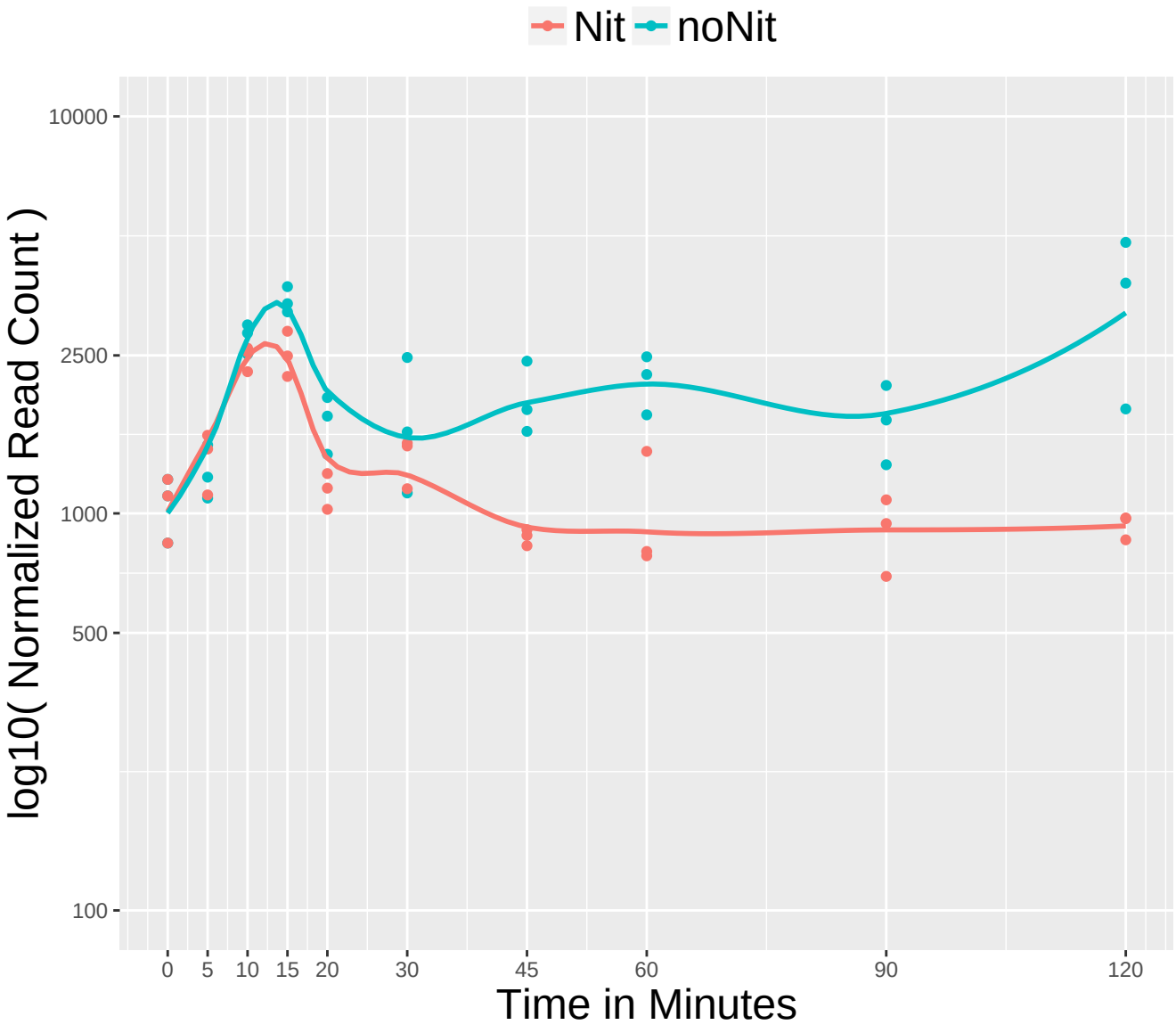
PDE337,PIGMENT



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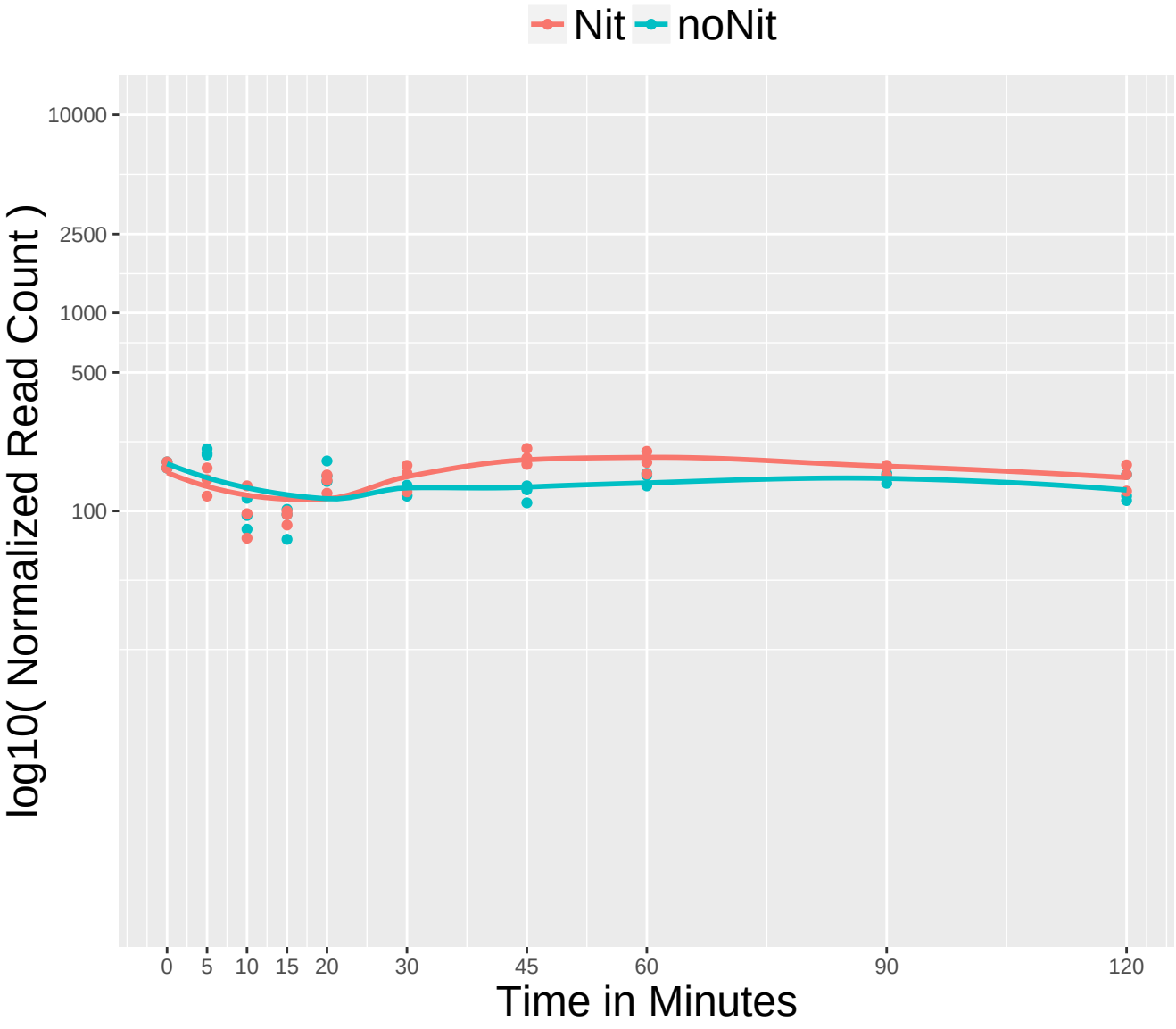

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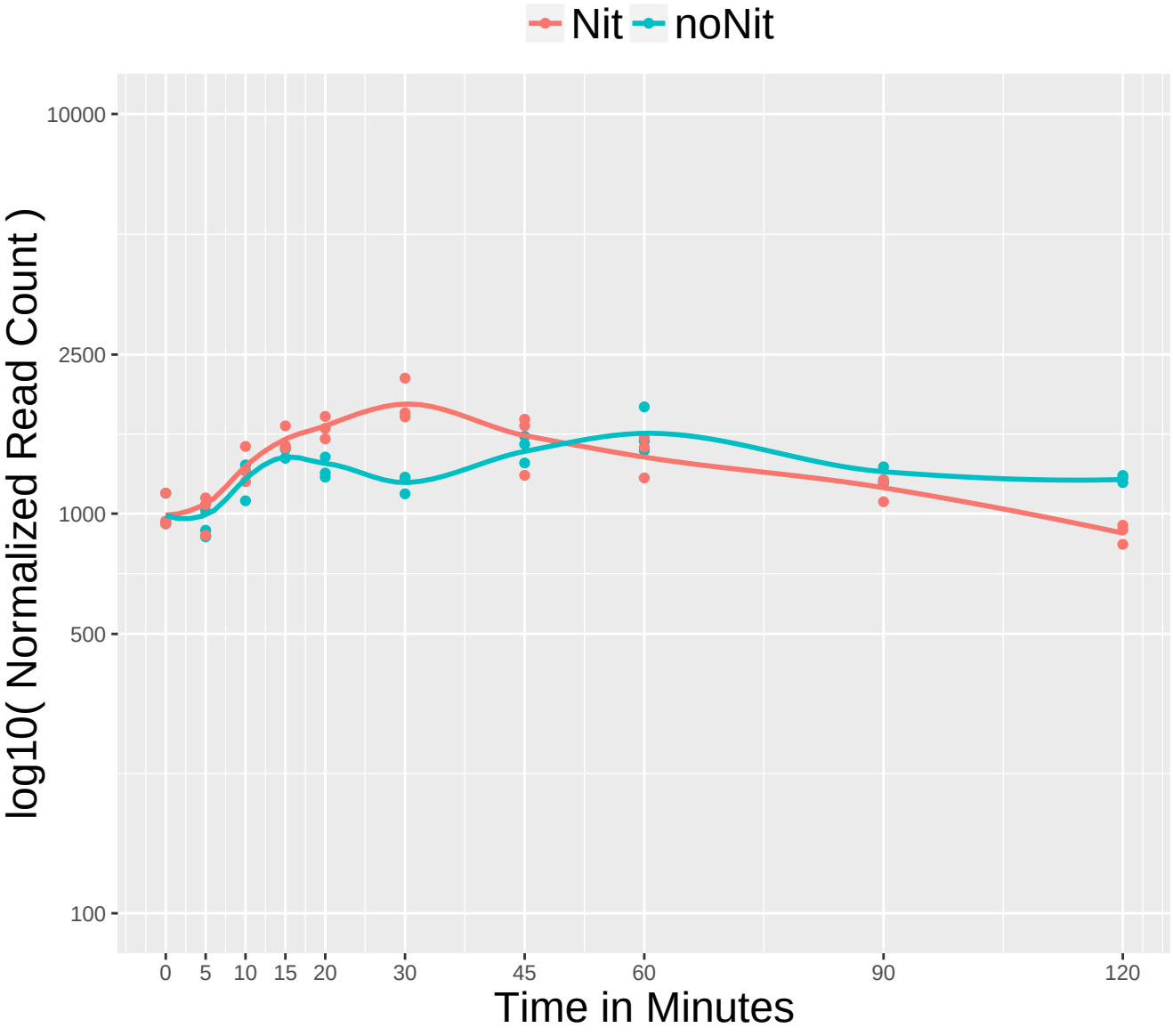
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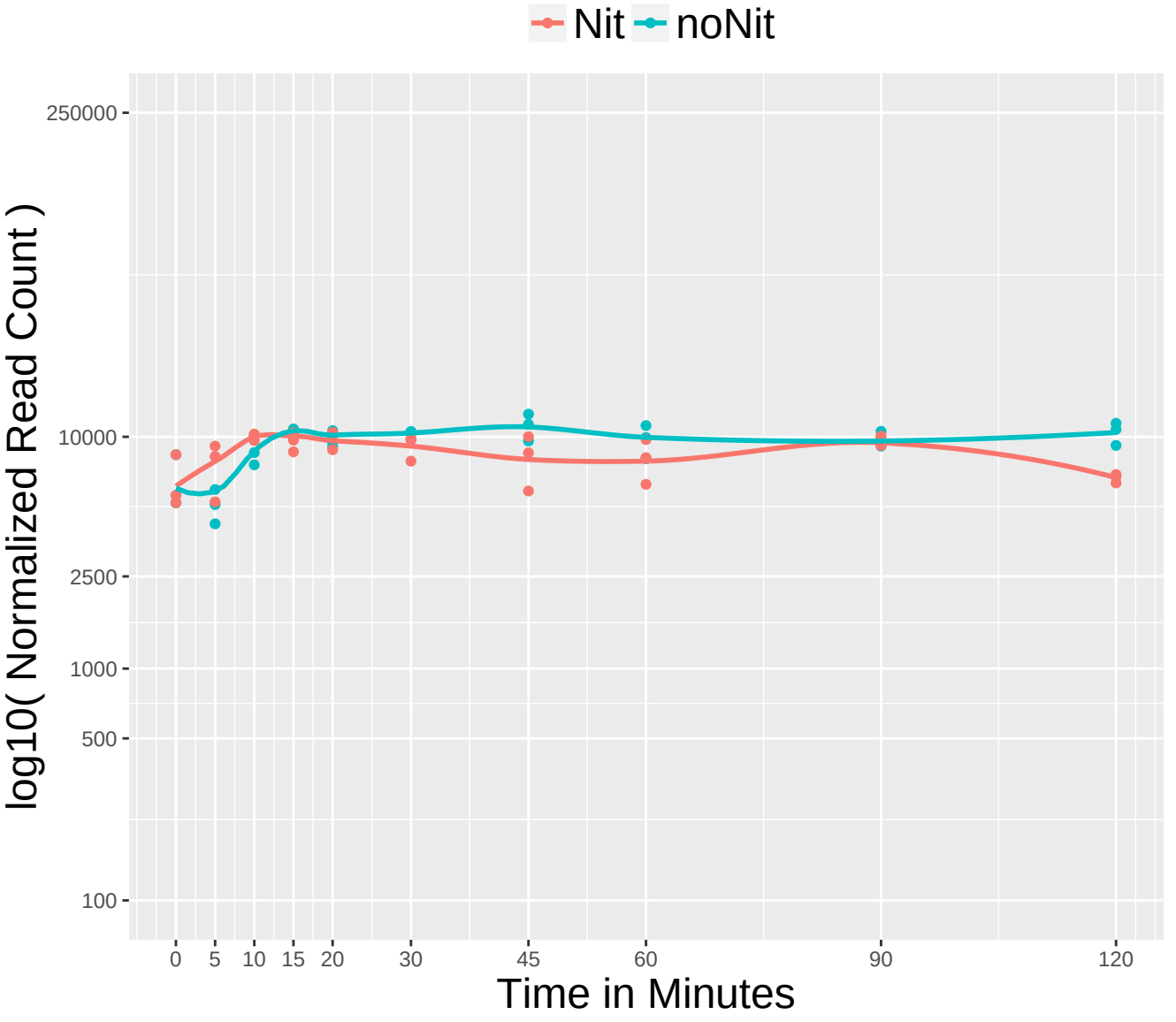
AT3G51550

FER,FERONIA



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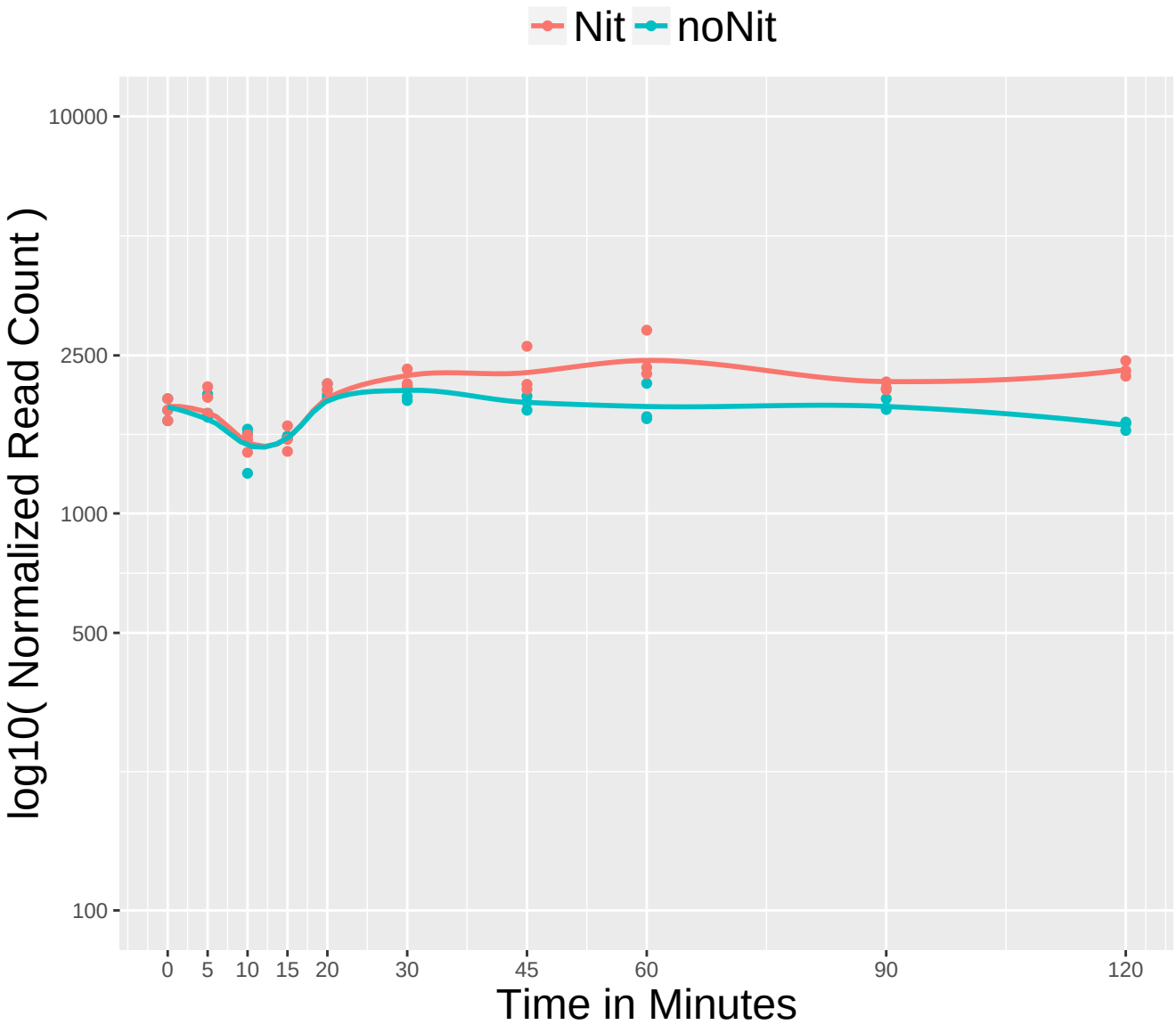
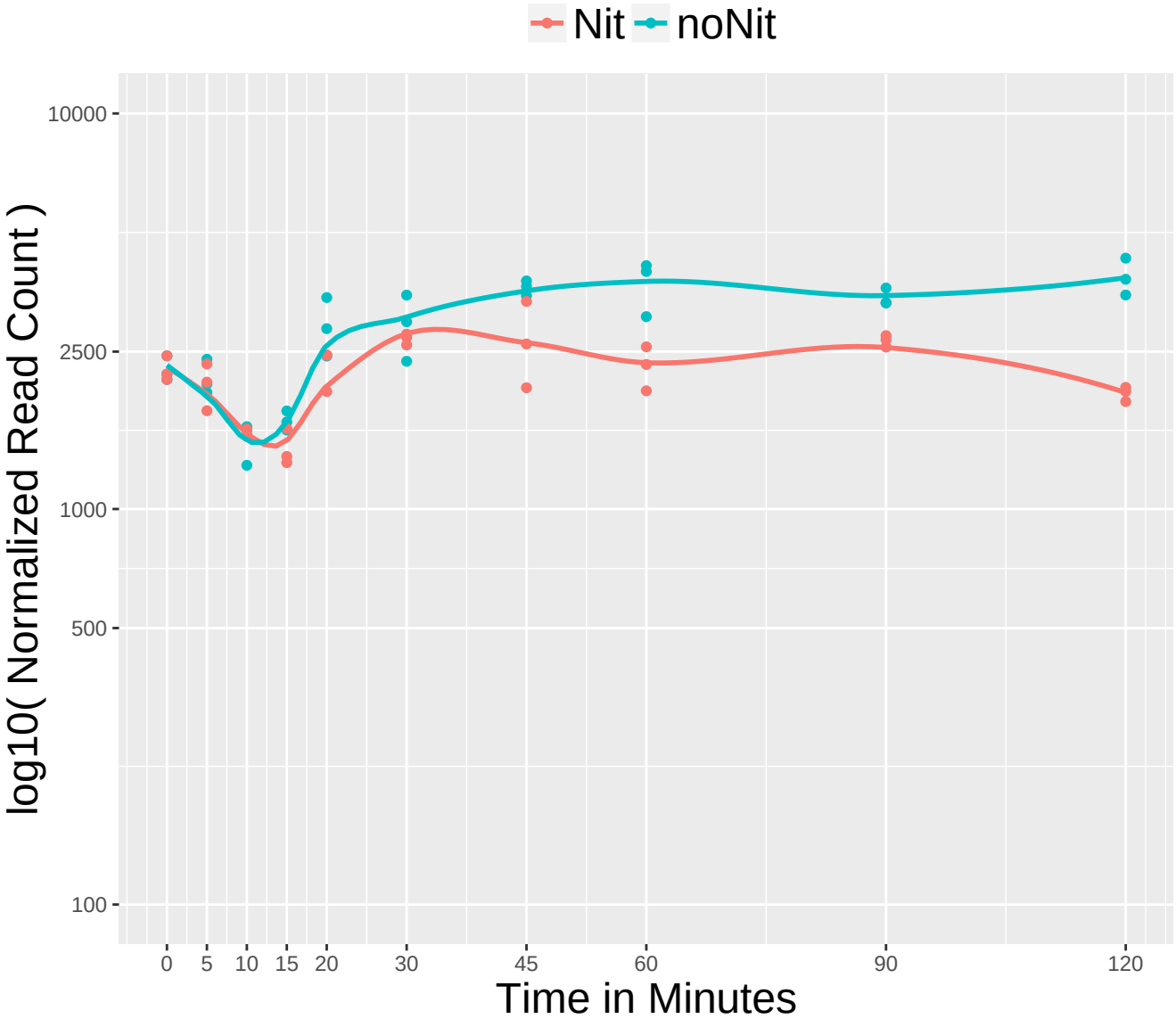
TXR1,THAXTOMIN



AT4G39850

ABCD1,ATP−binding



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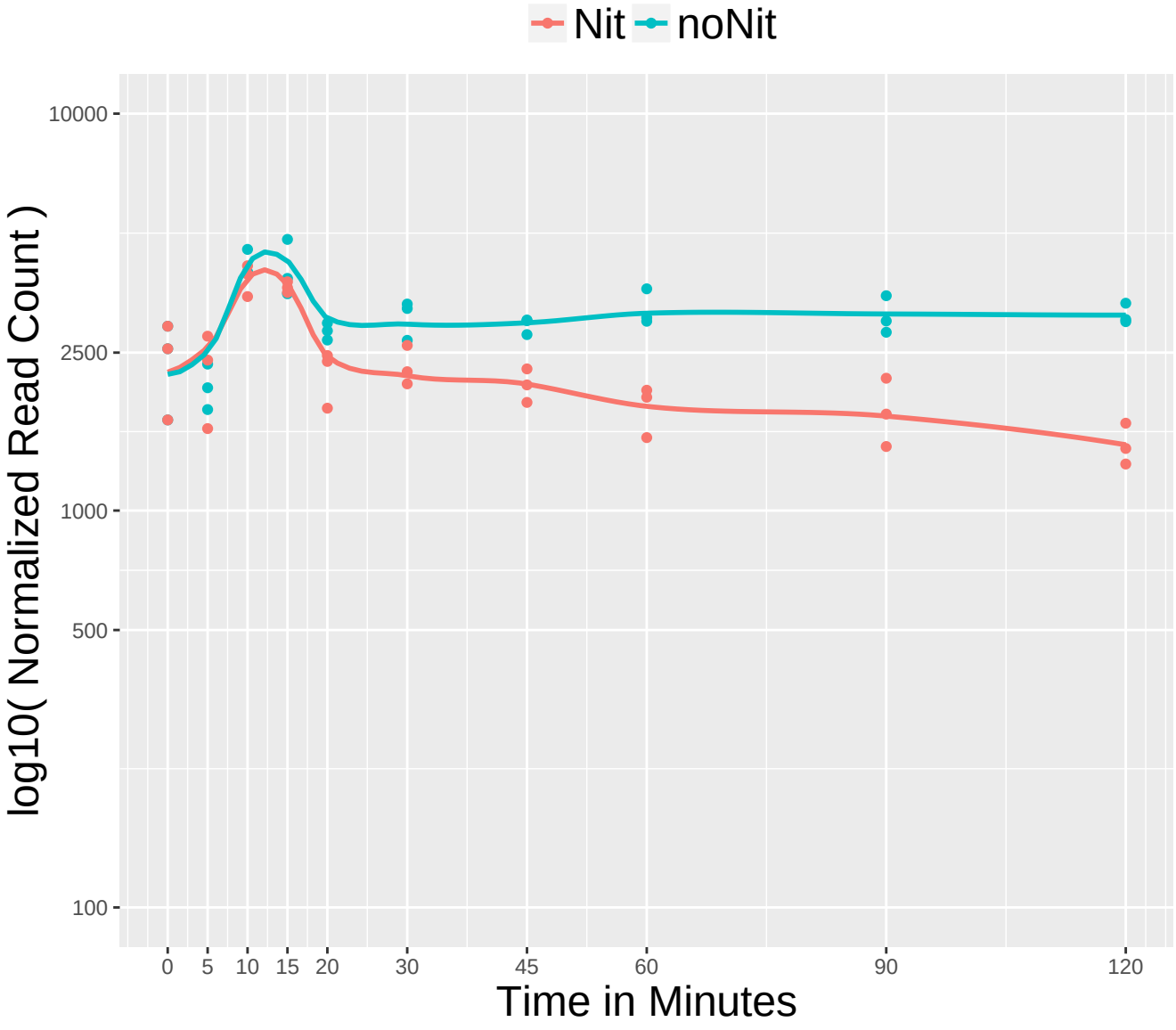
RUL1,REDUCED



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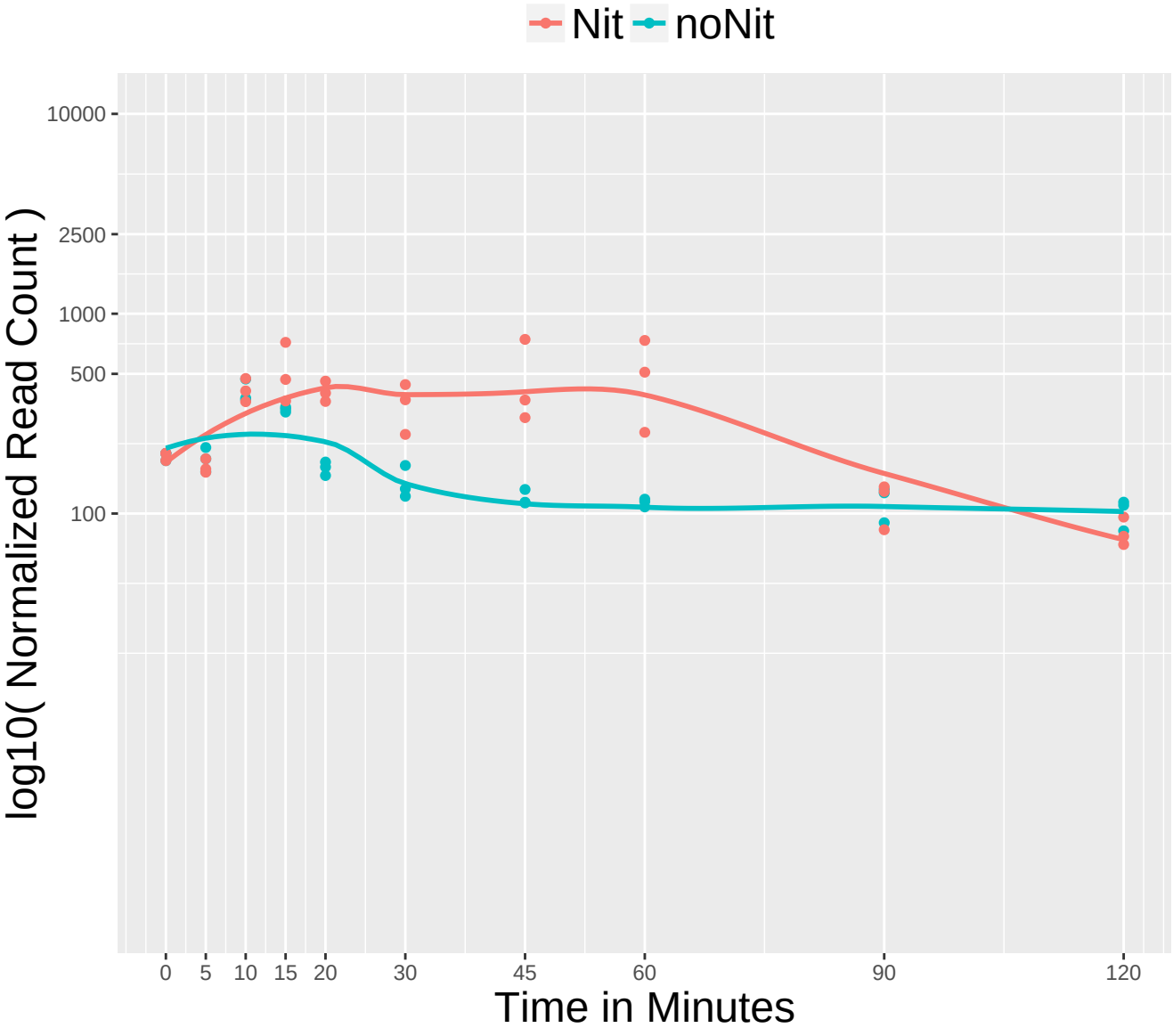
FKBP−like



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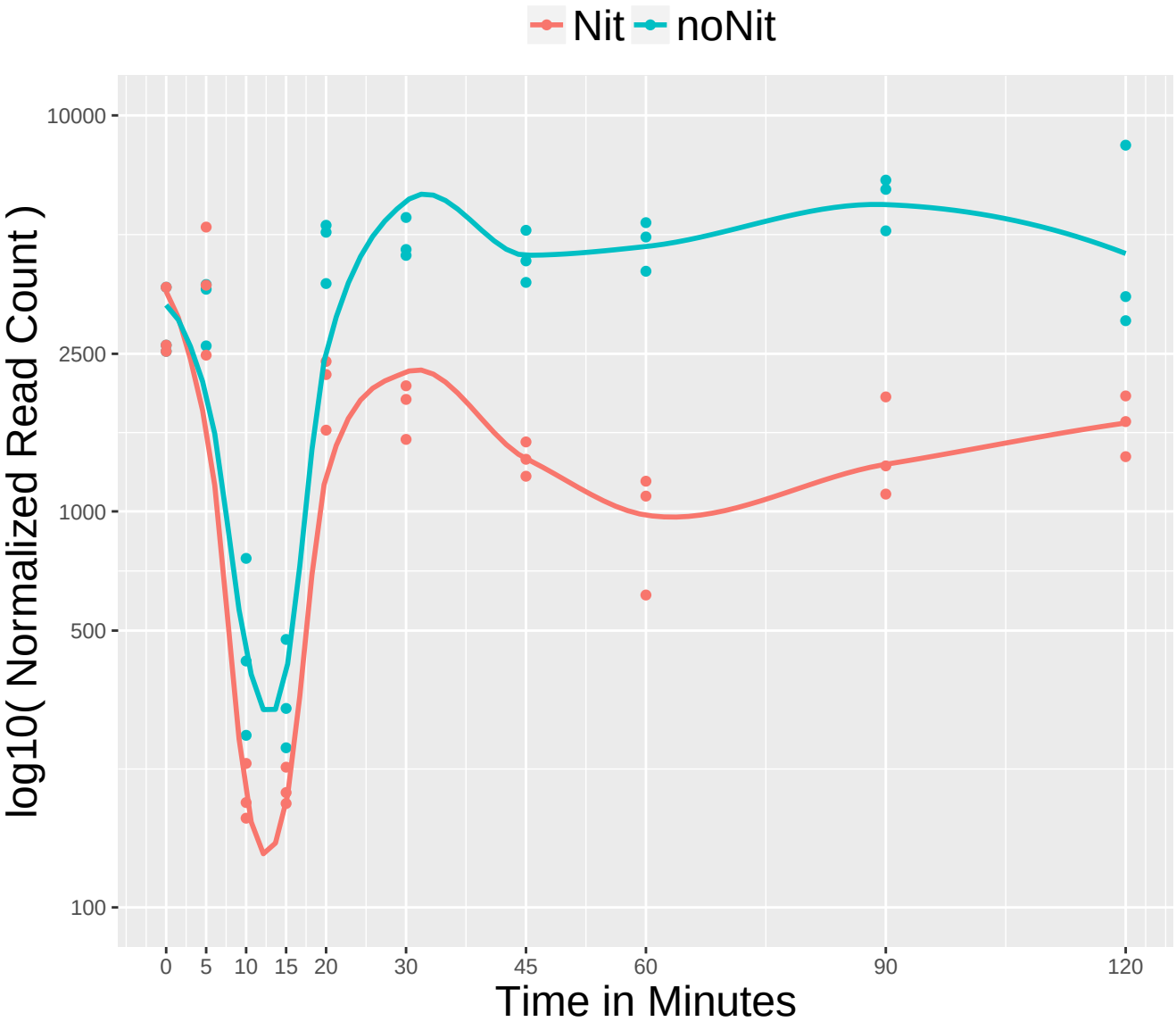
Calcium−binding



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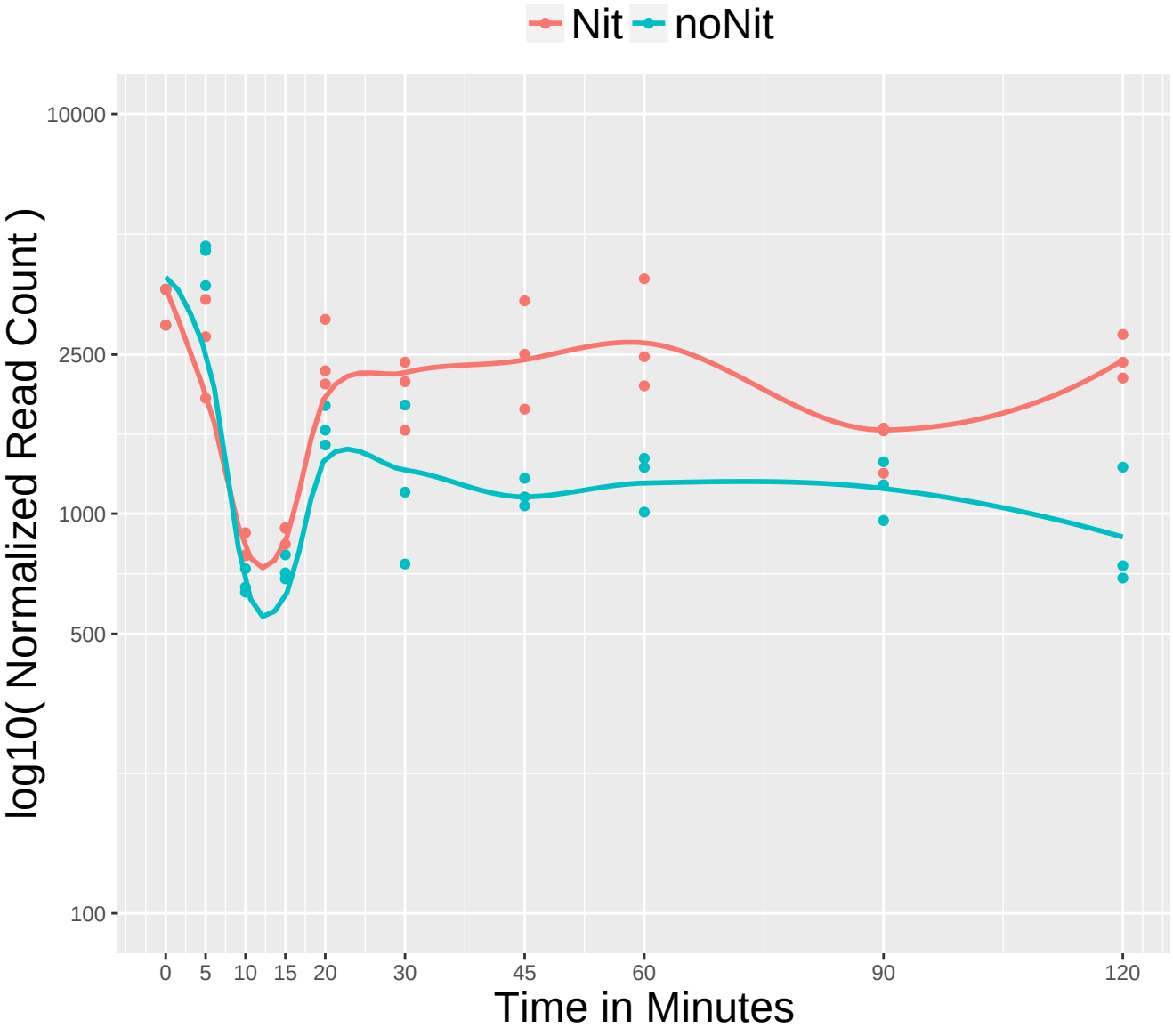
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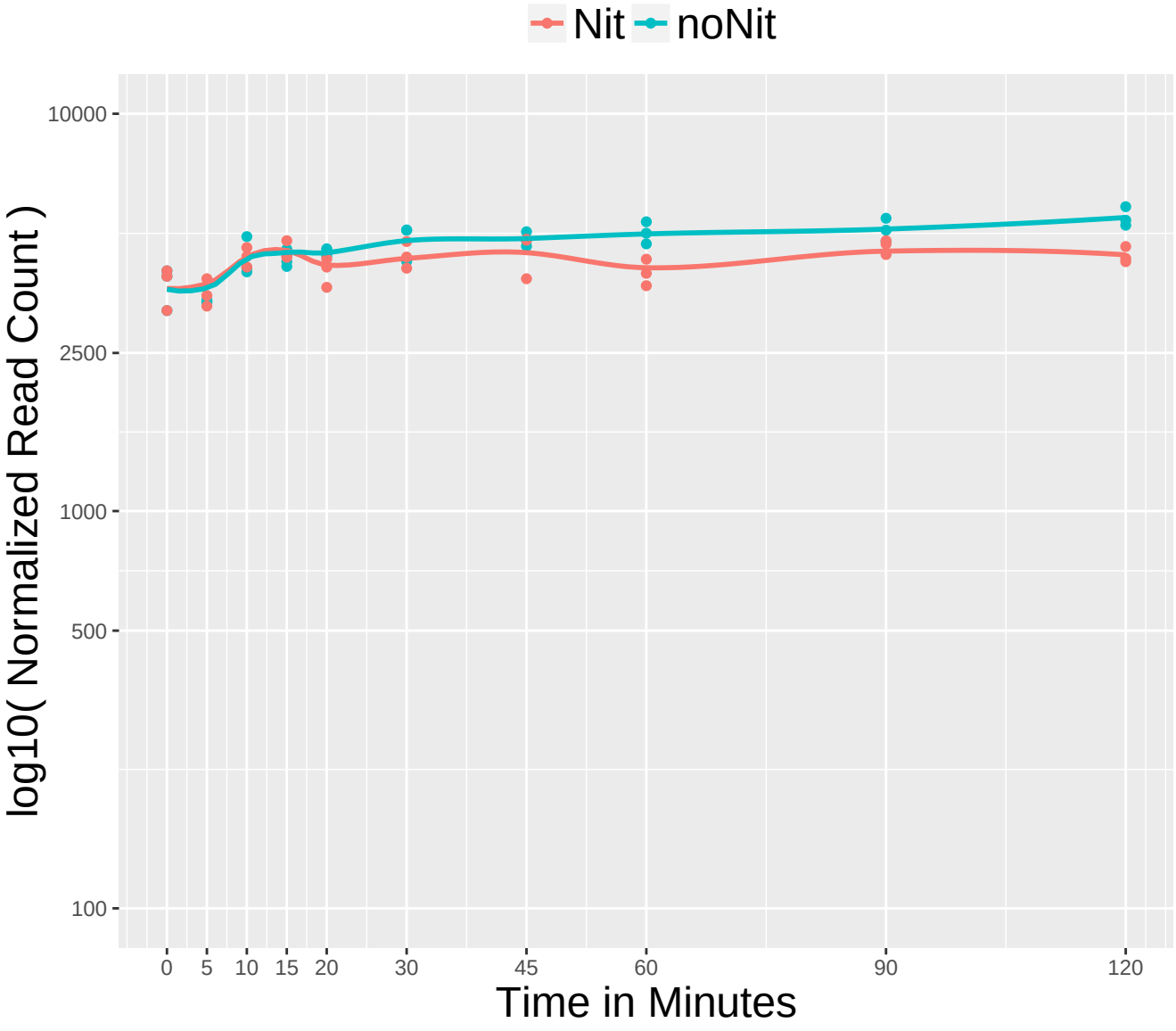
PSL5,PRIORITY



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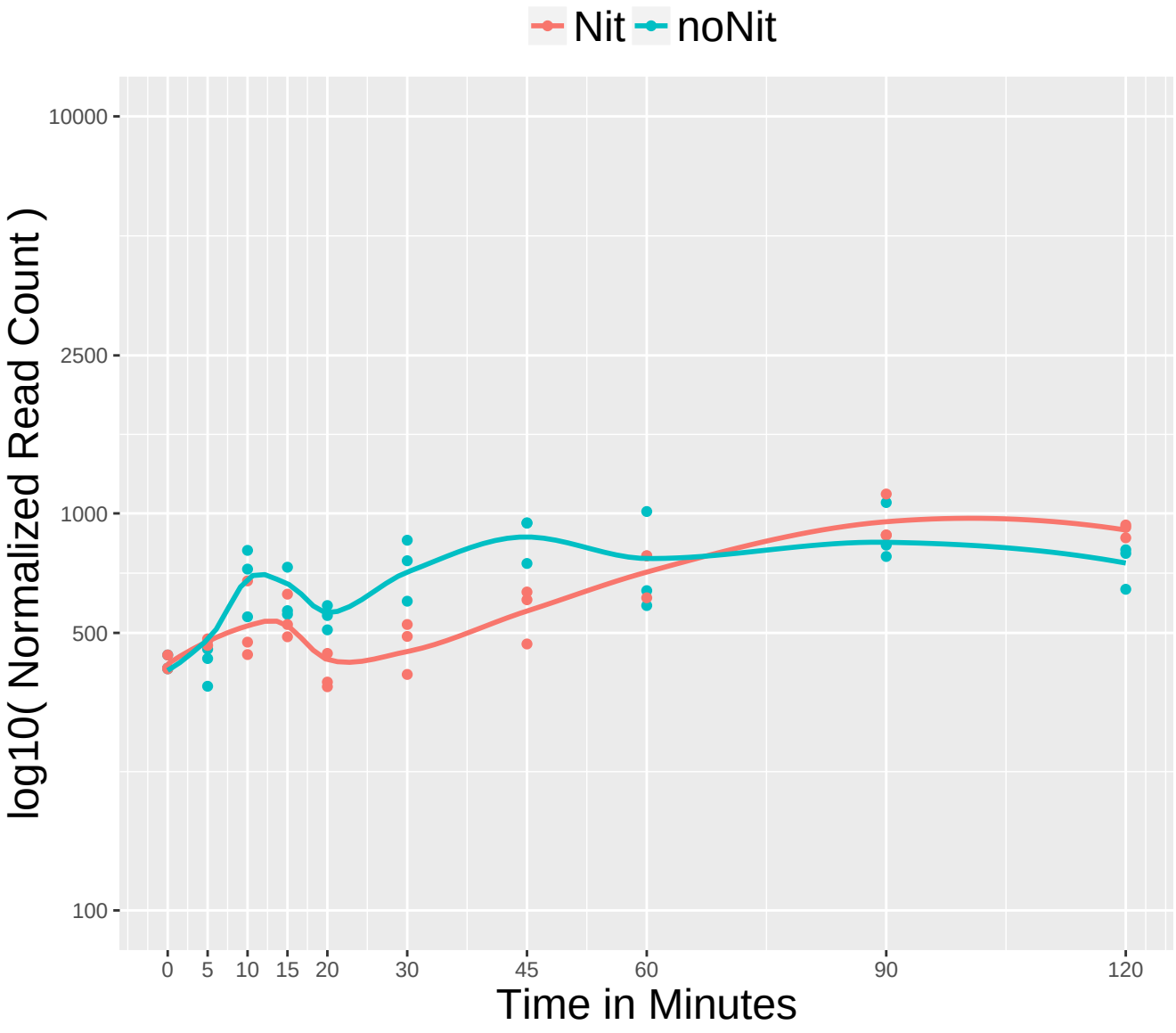
EPS1,ENHANCED



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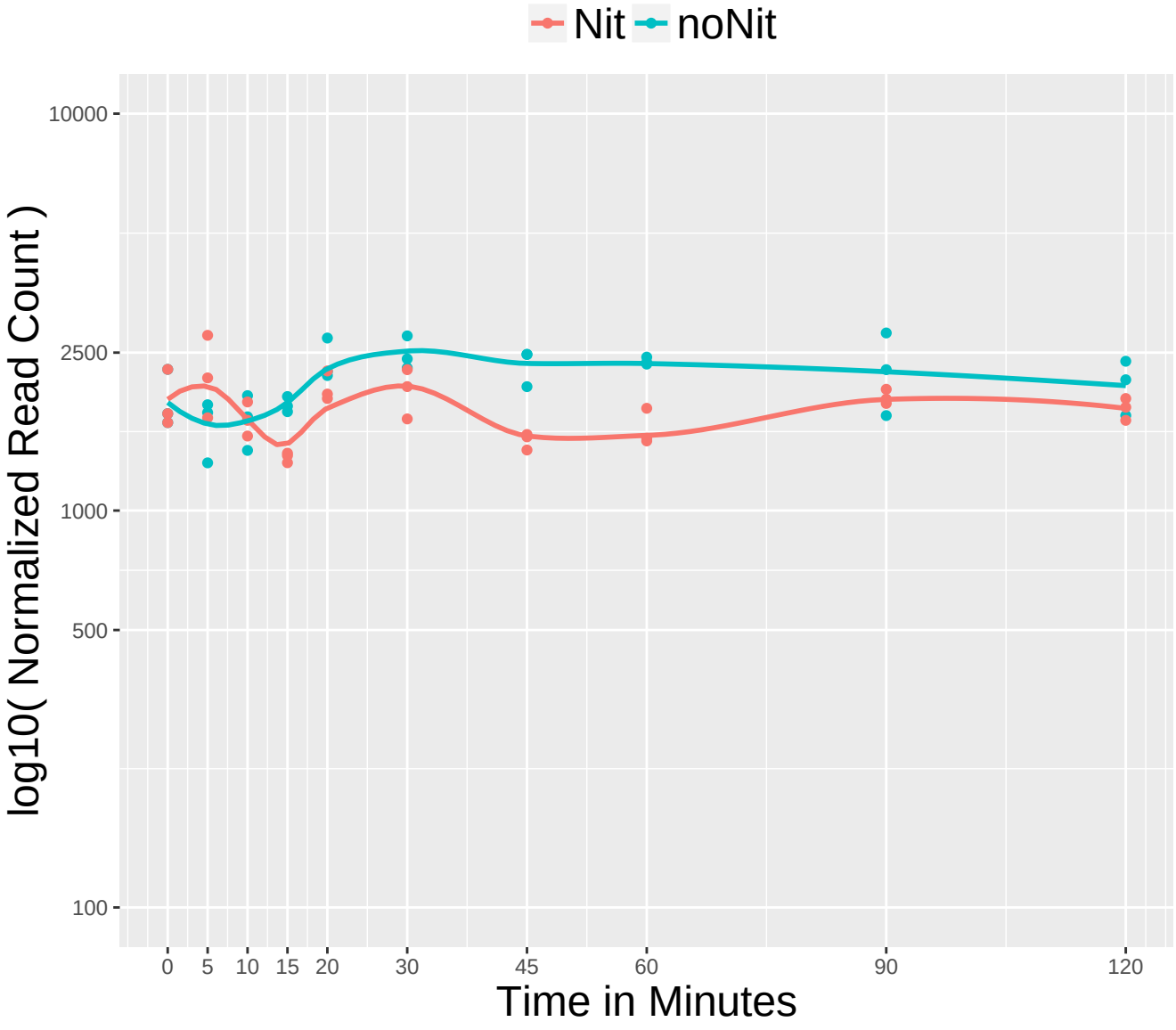

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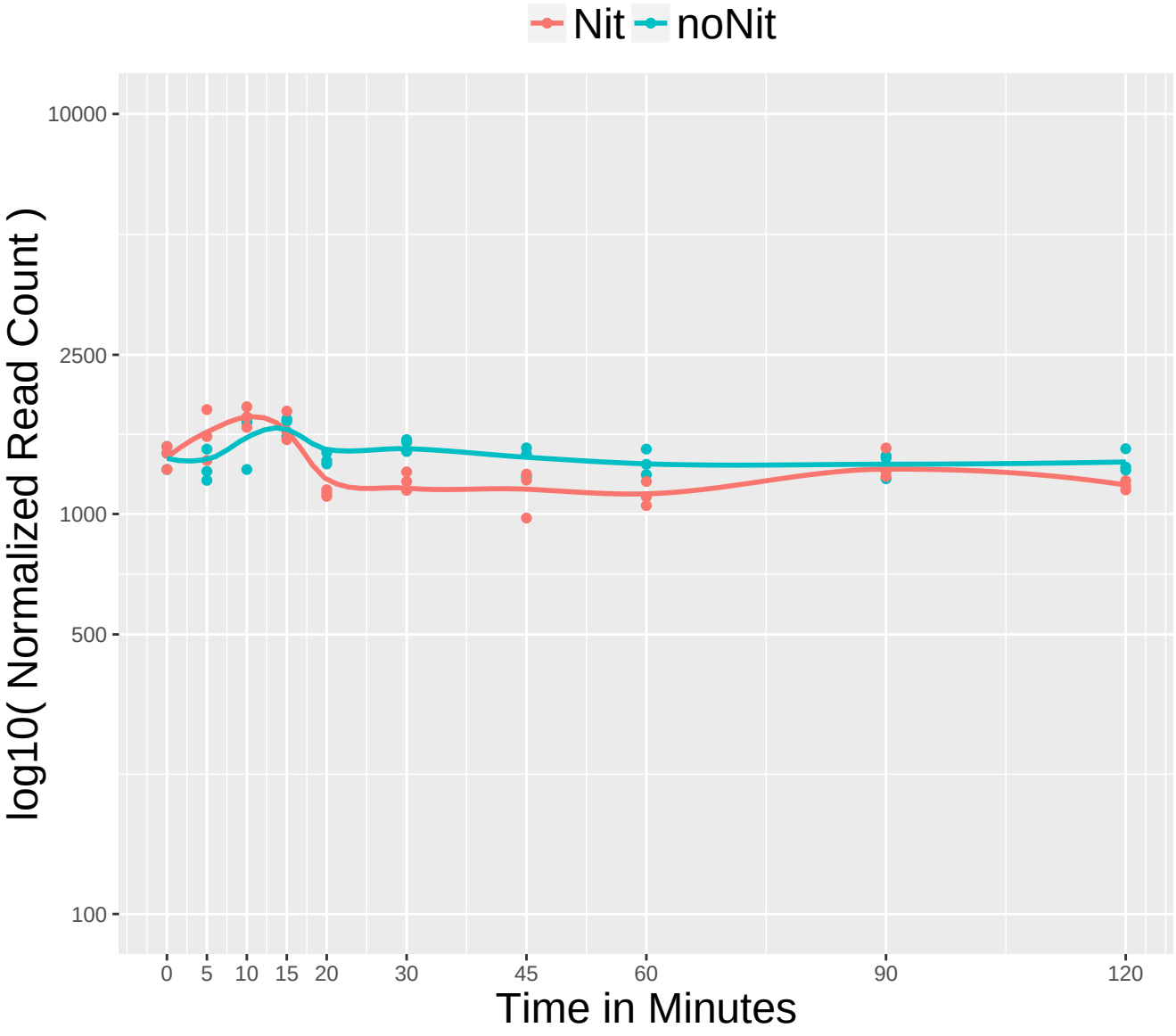

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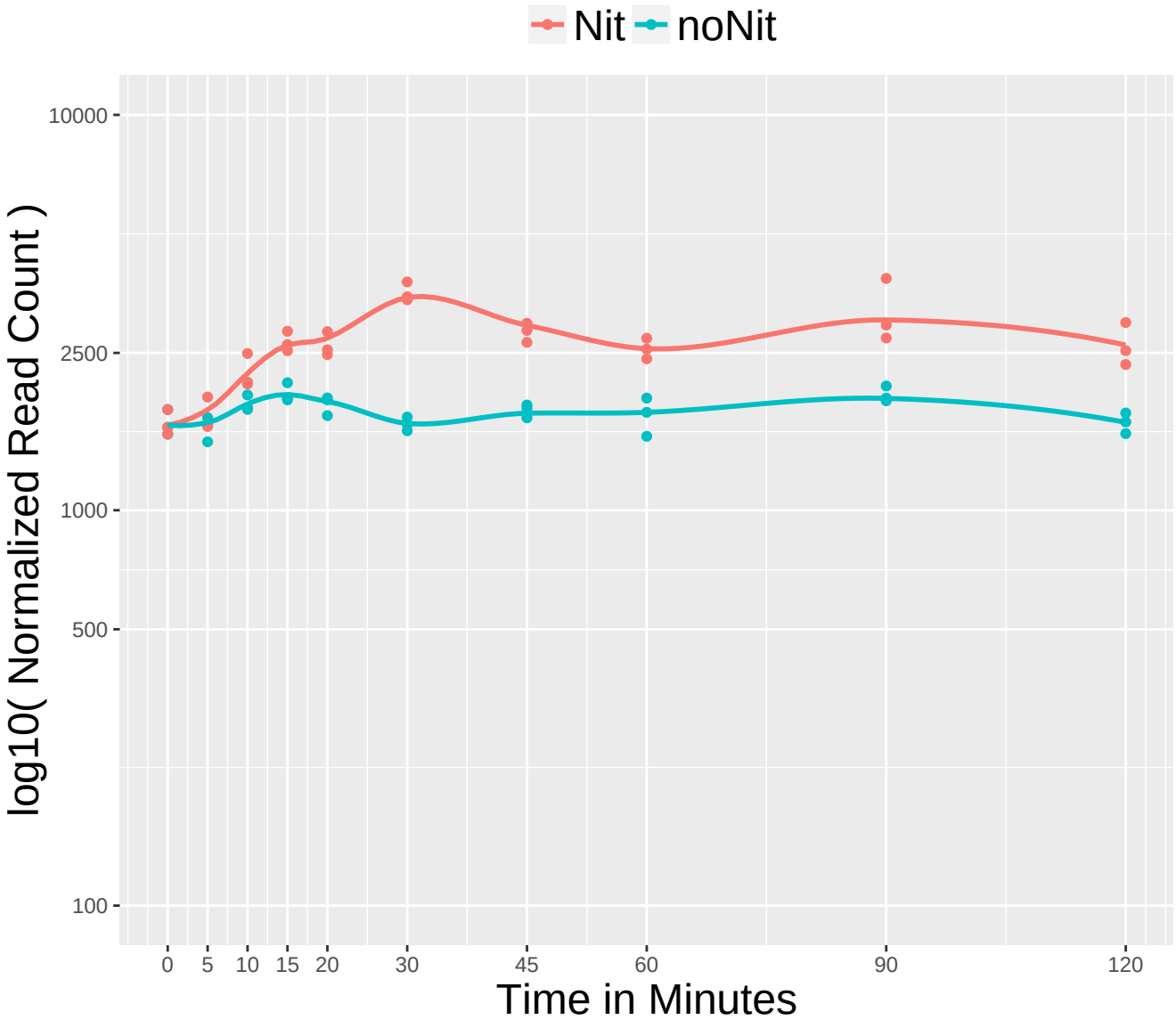
ACHT4,atypical



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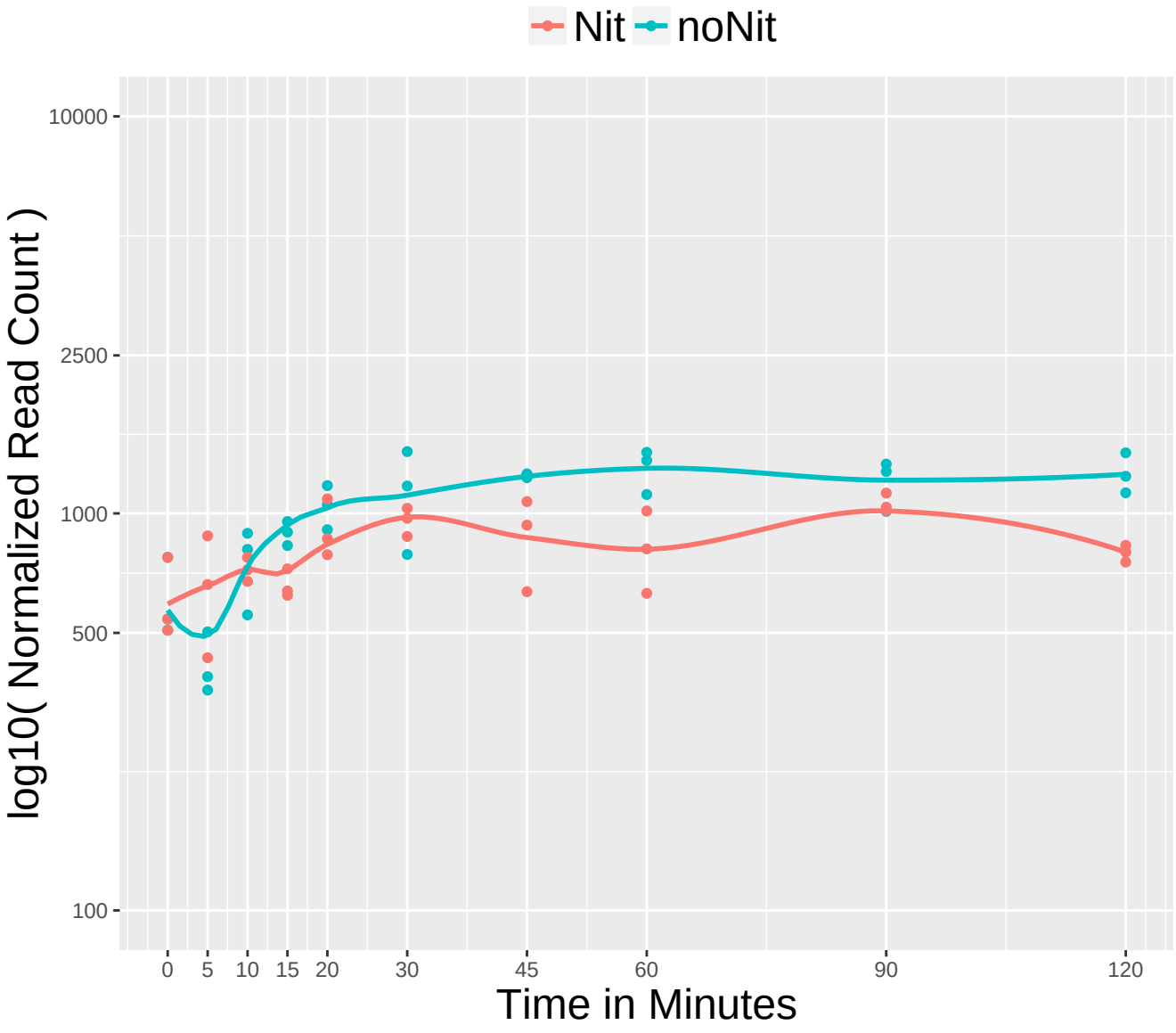

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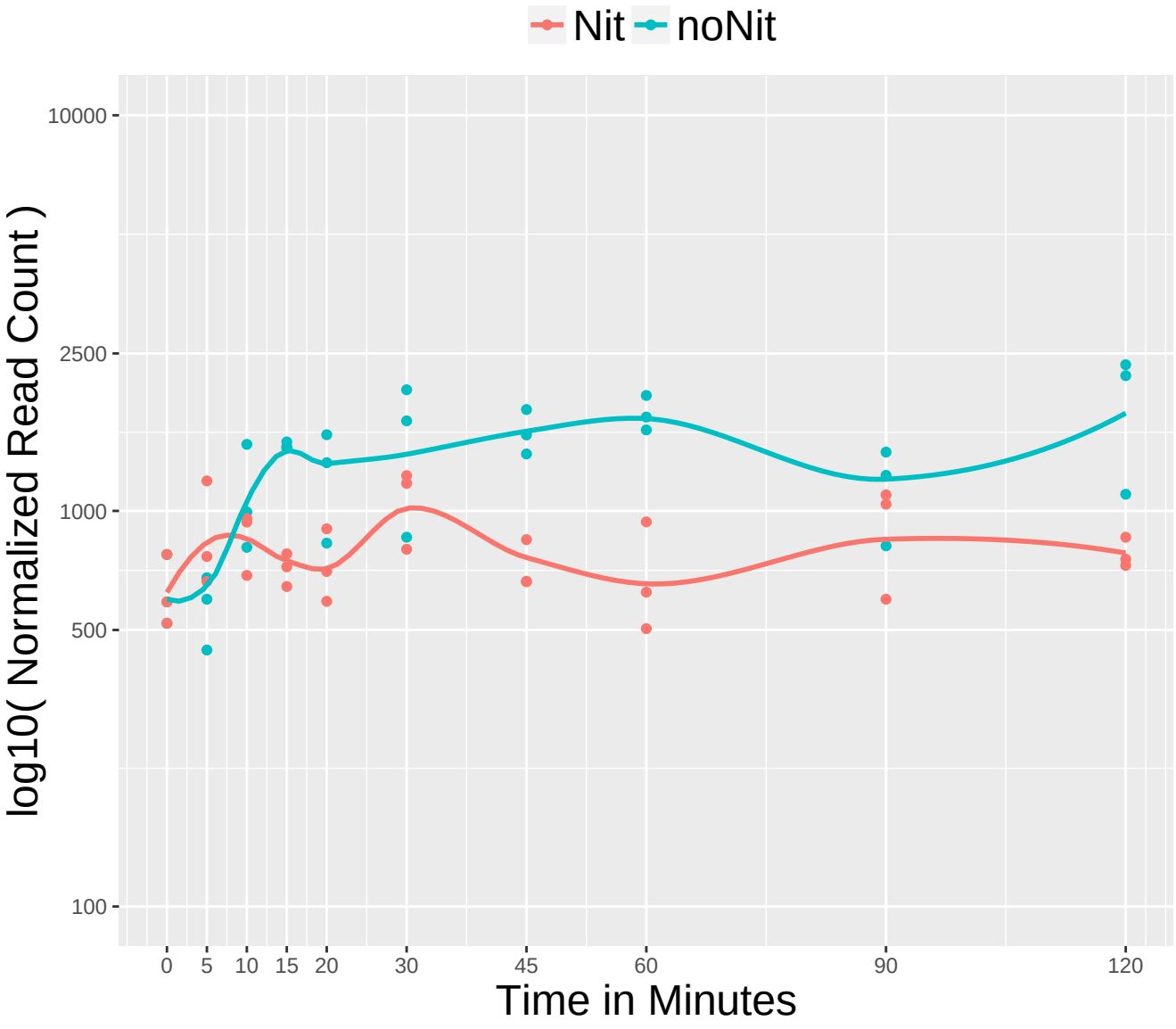
FAD−binding



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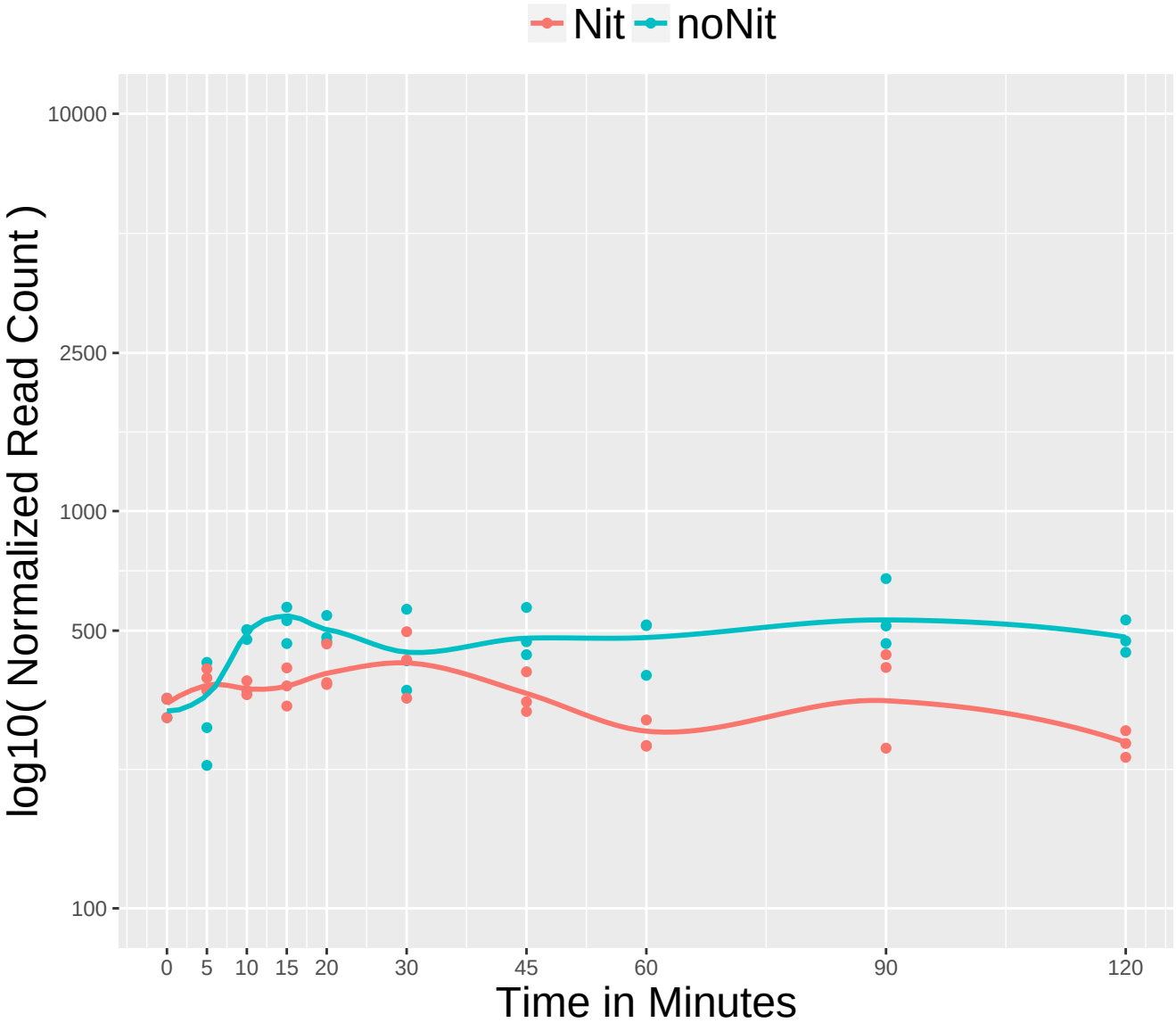
ZIP11,zinc



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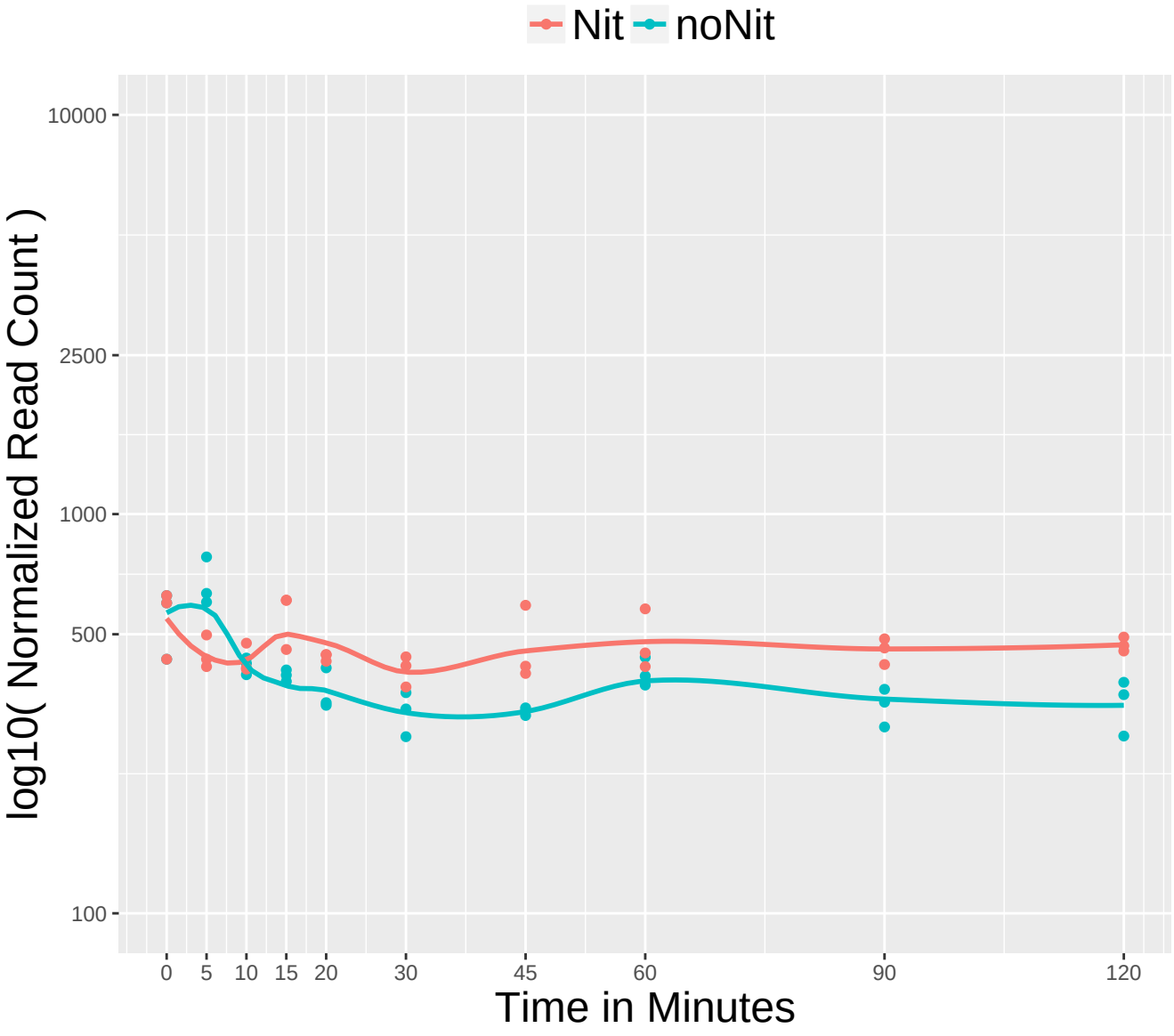

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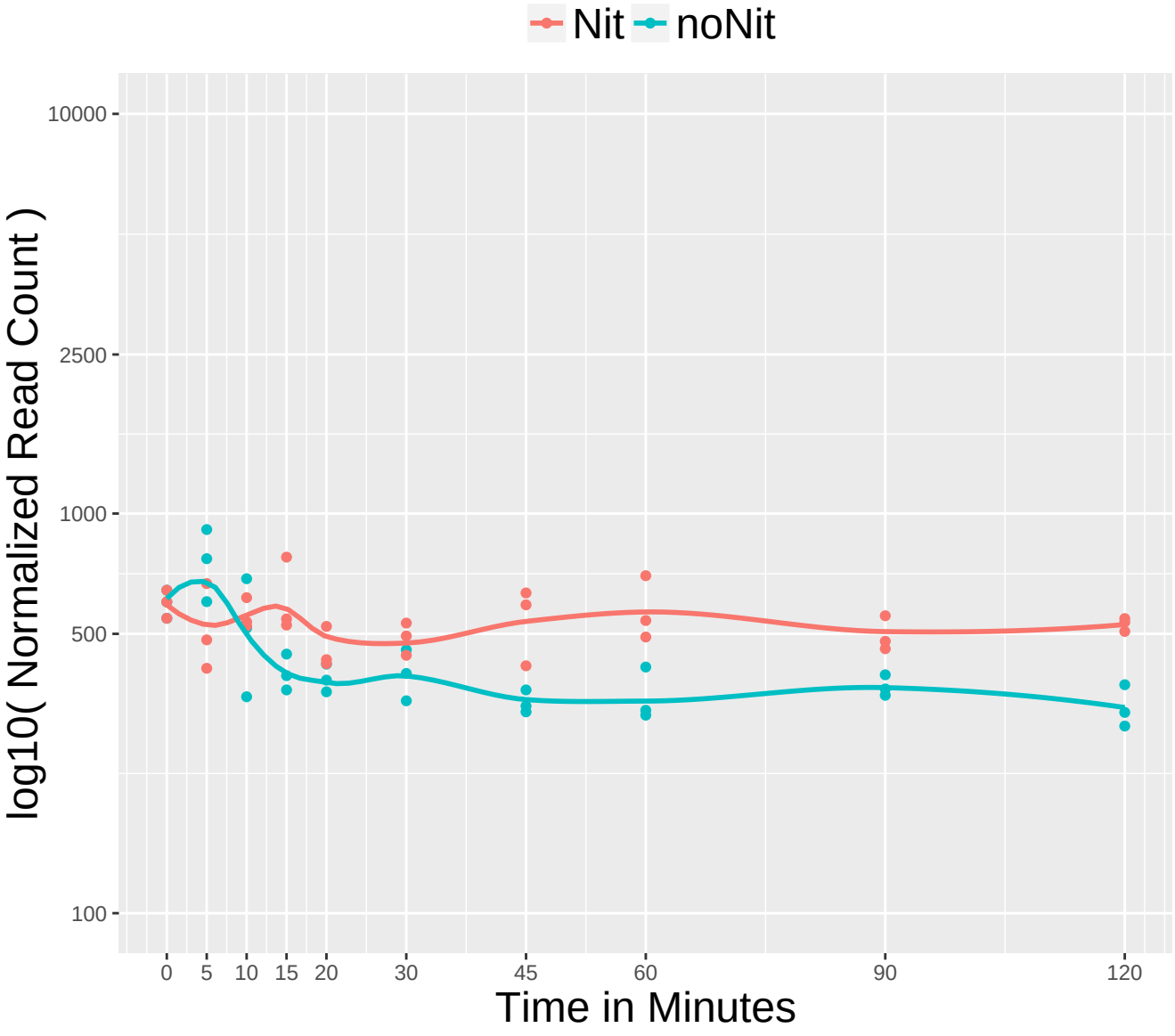

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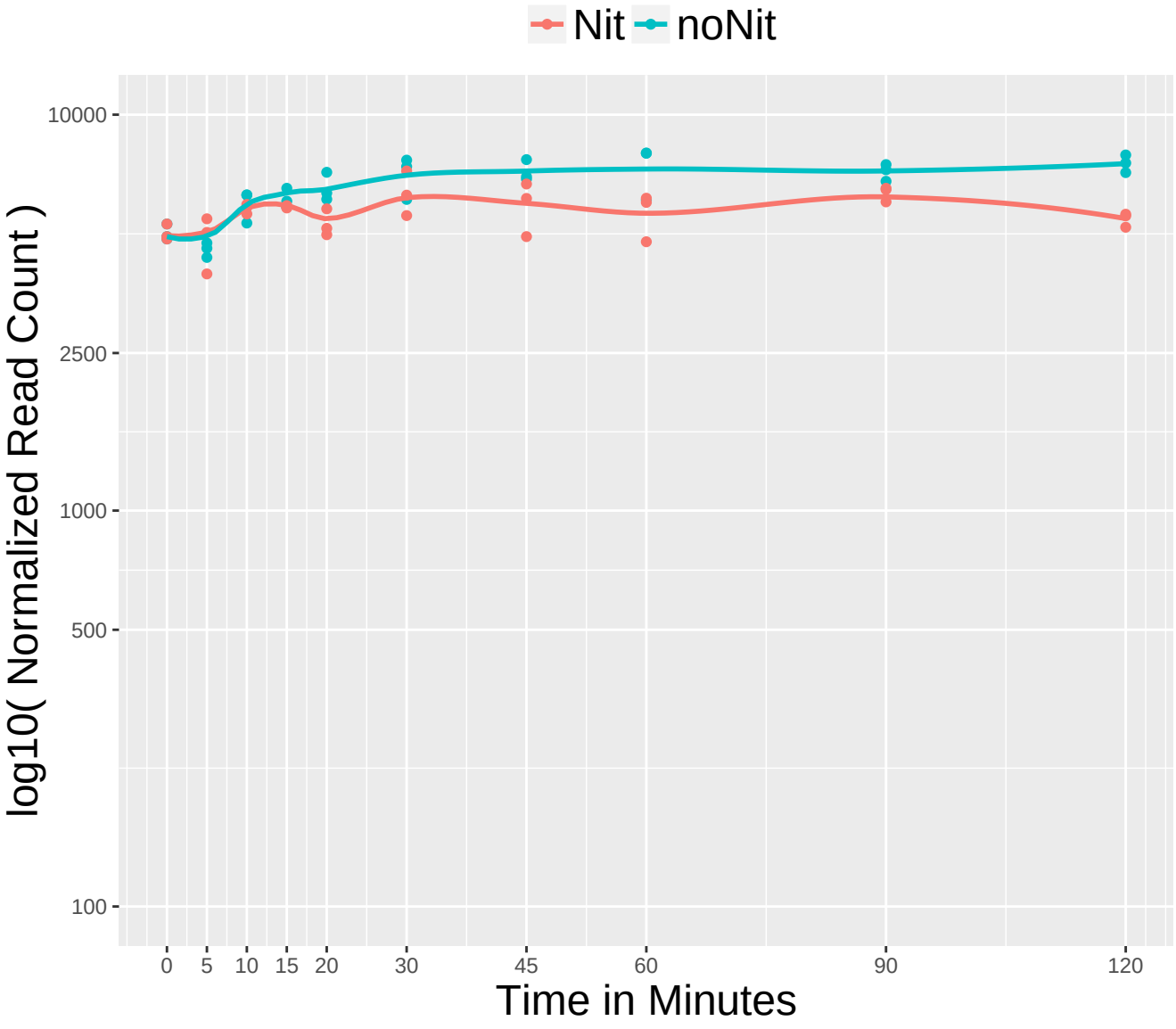
NAD−ME1,NAD−dependent



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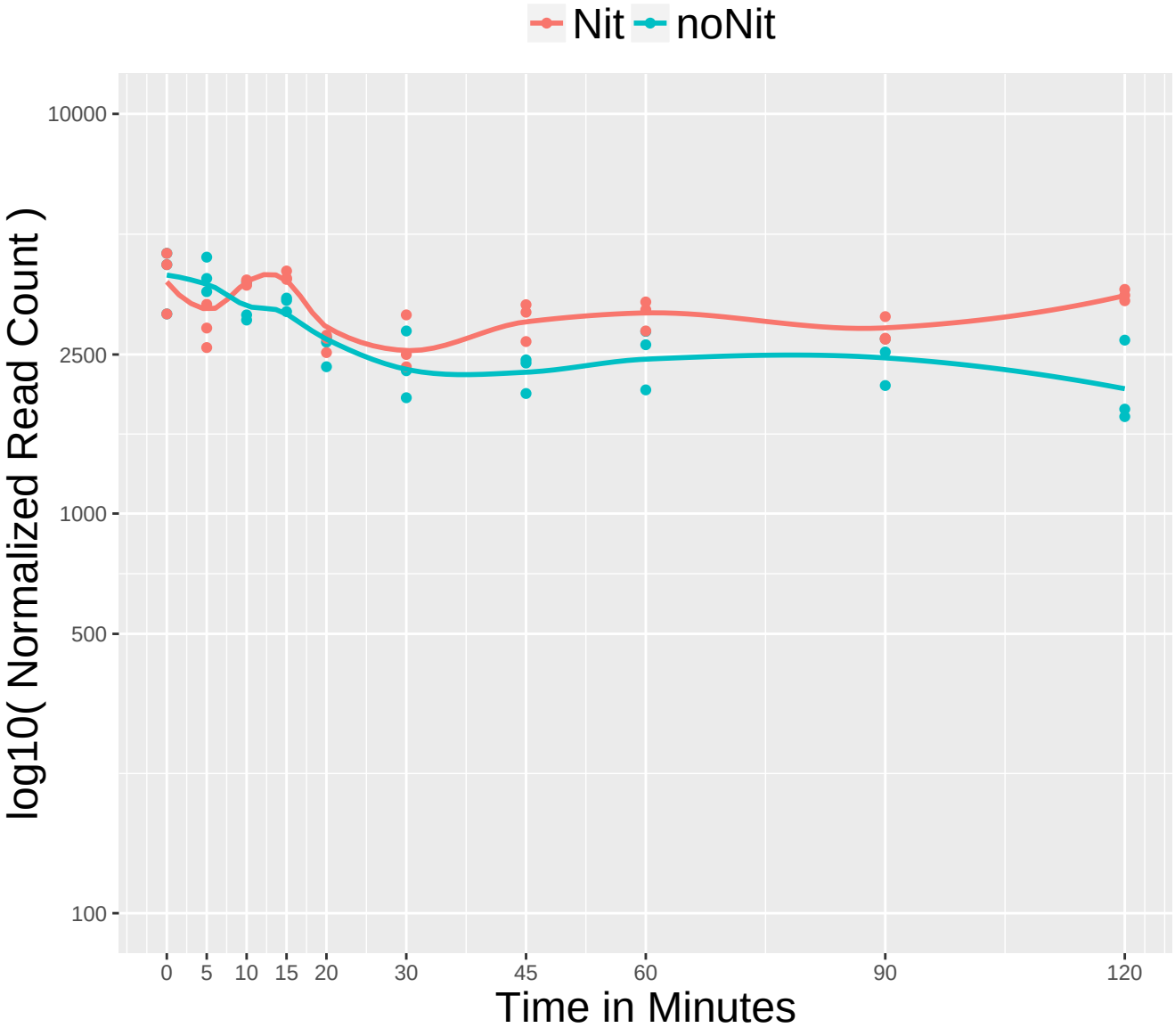

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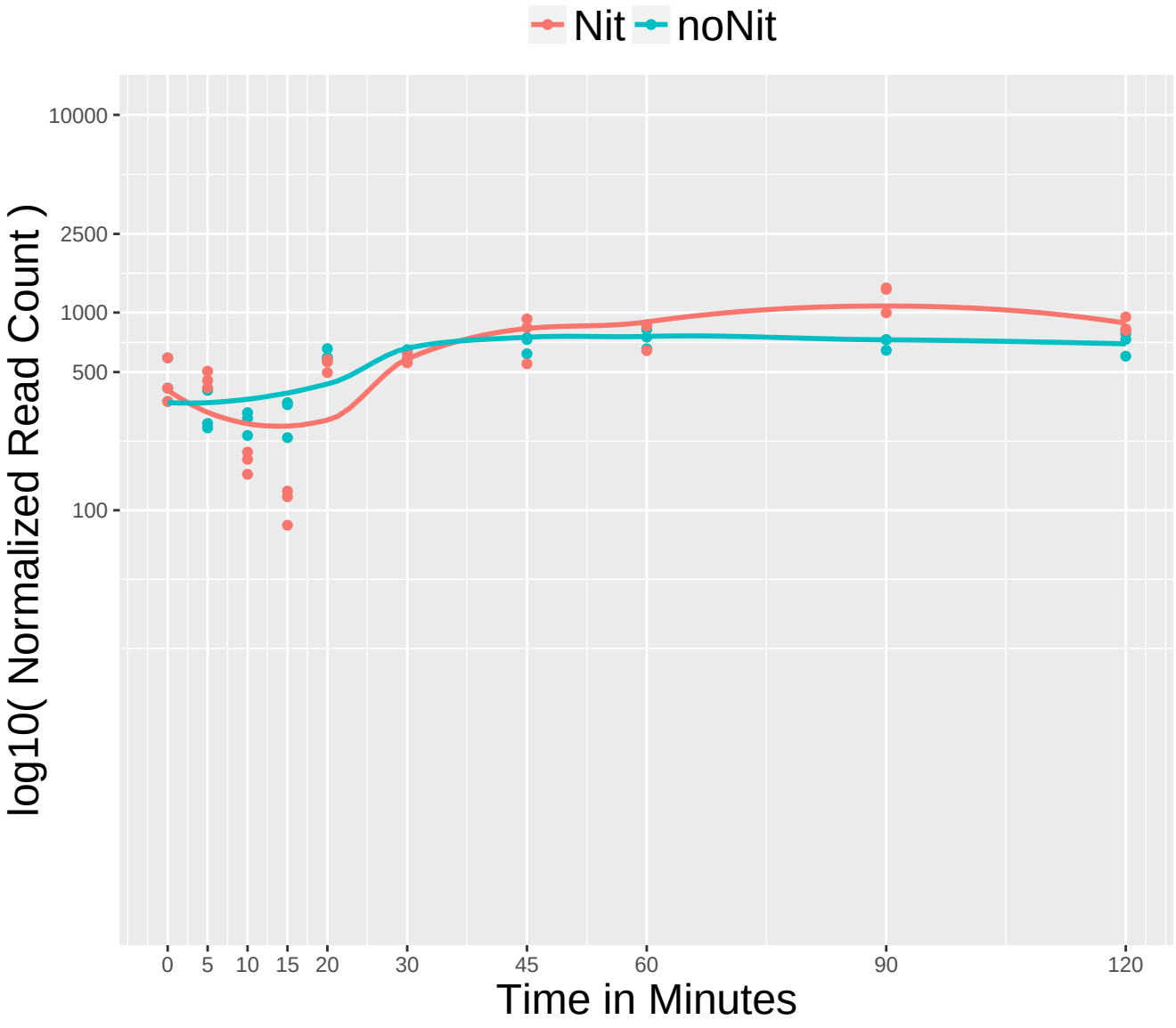
Cysteine/Histidine−rich



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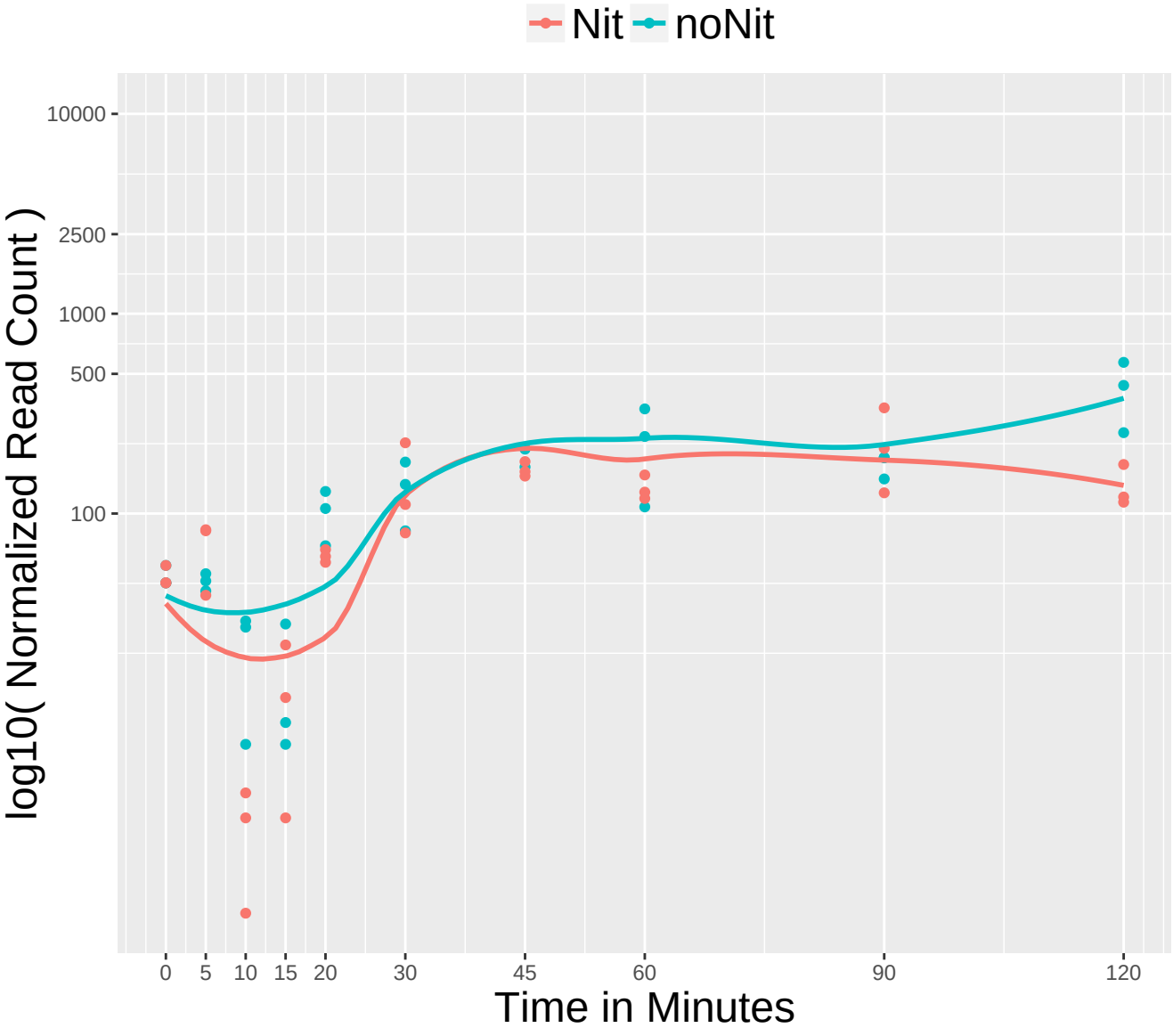
Leucine−rich



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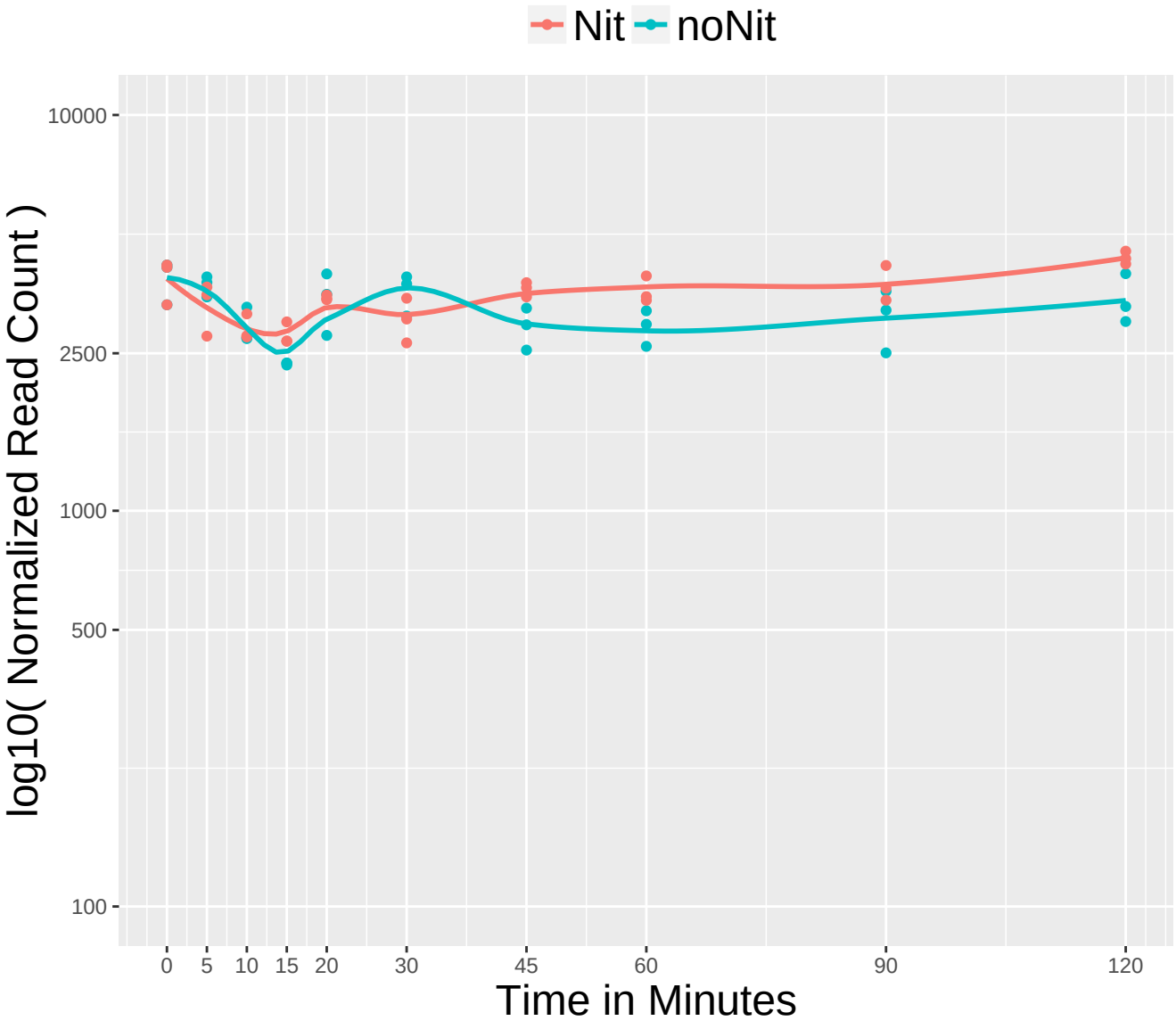

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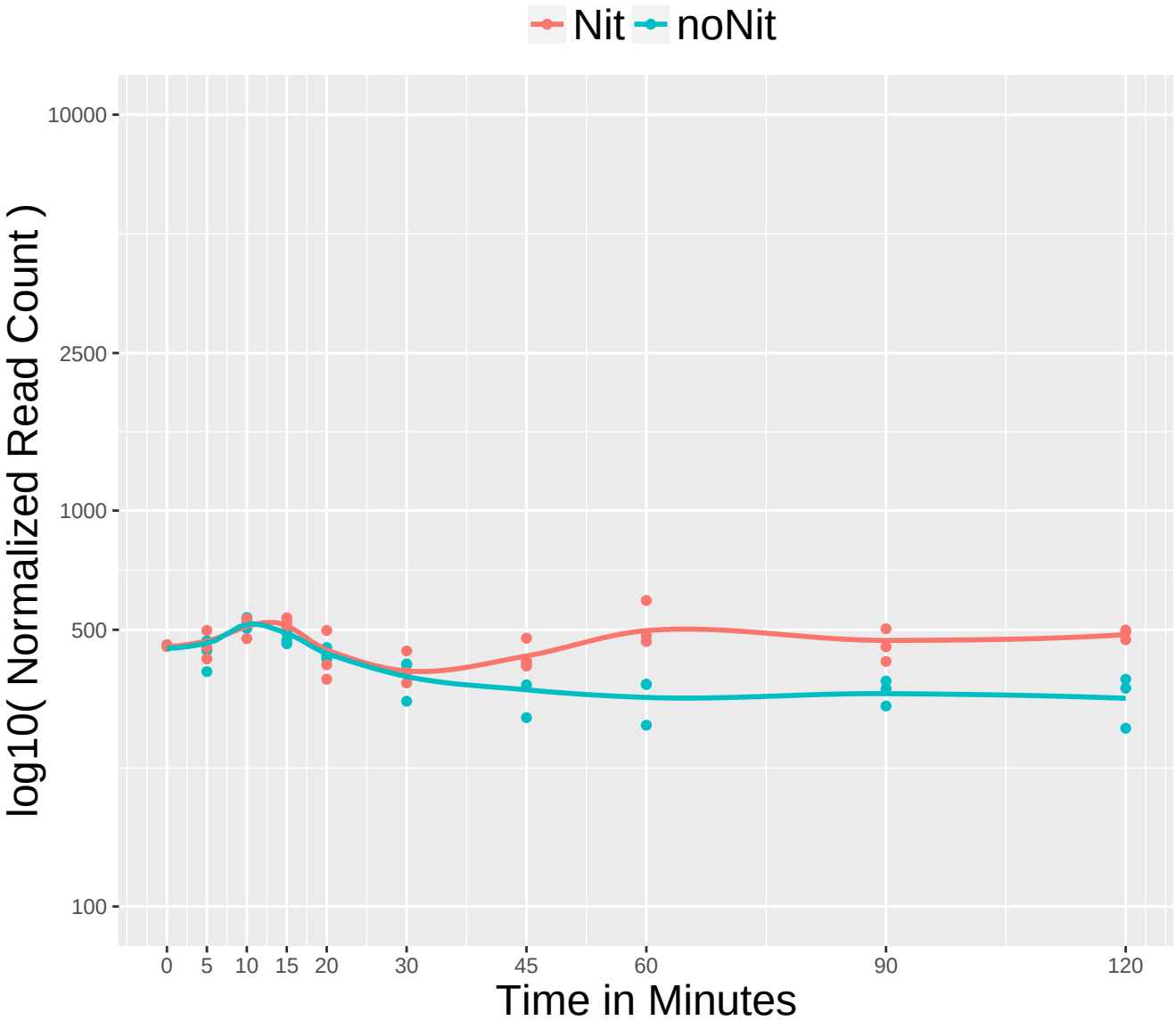
Ubiquitin



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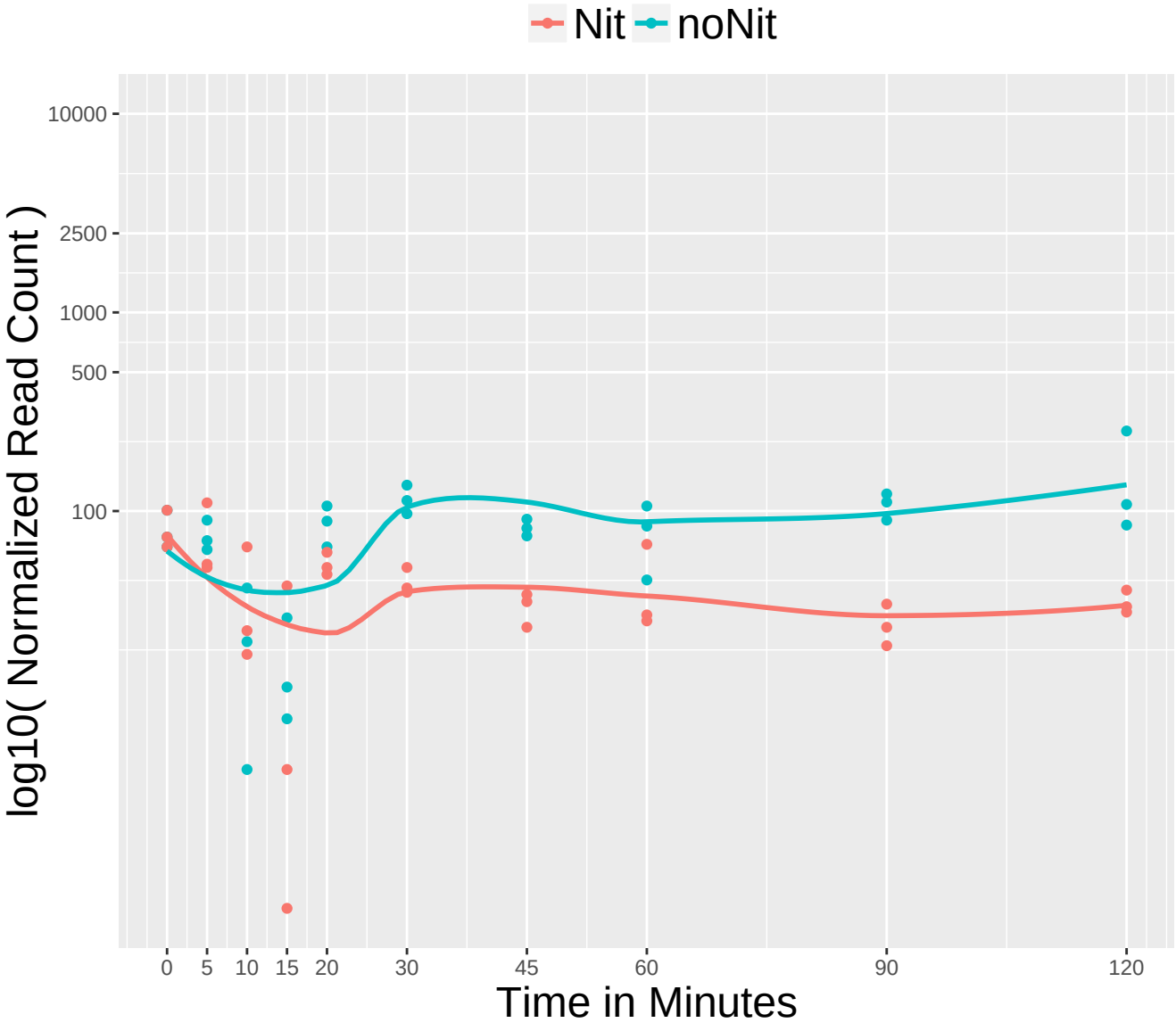
ATPUP8,ARABIDOPSIS



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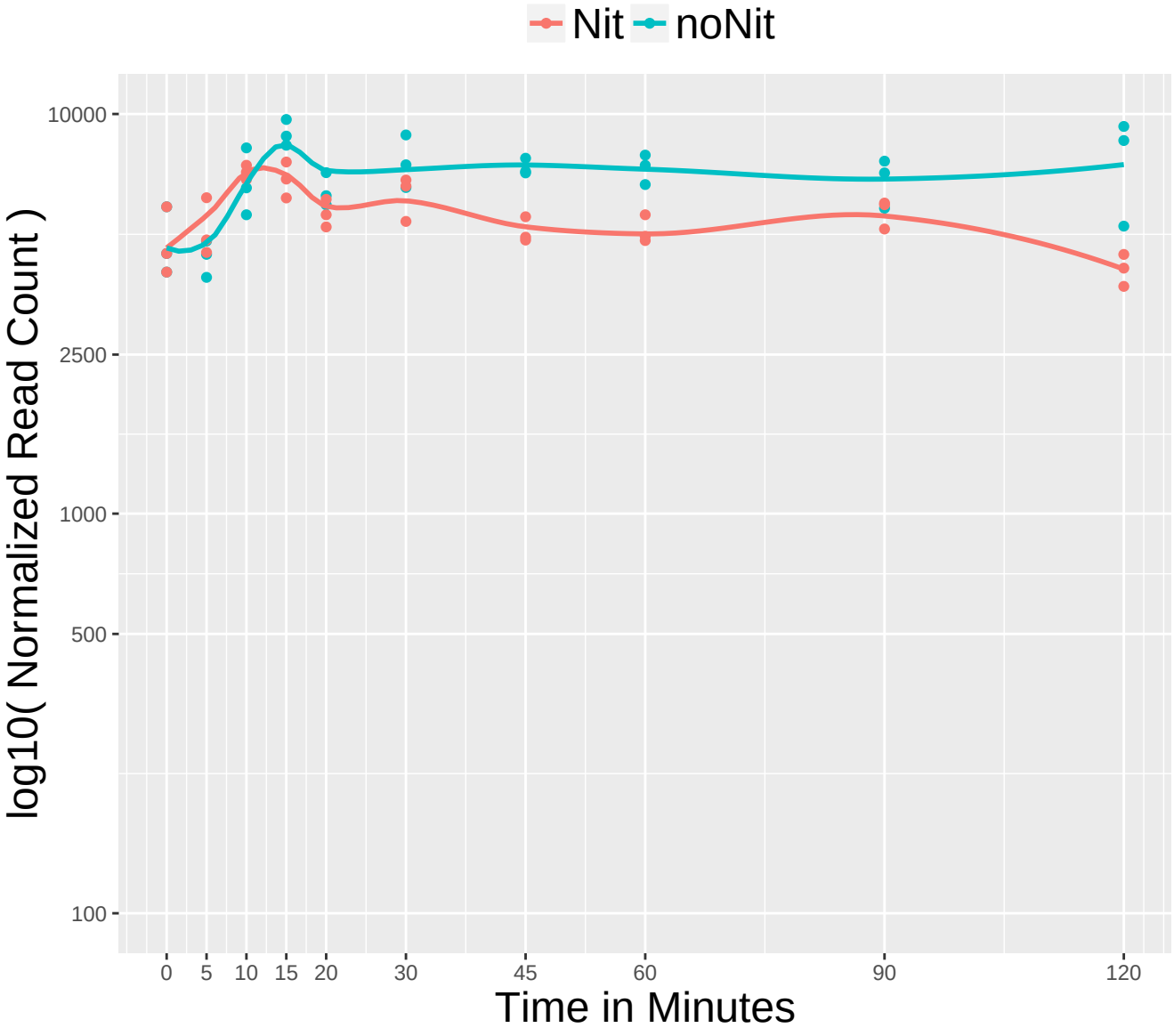
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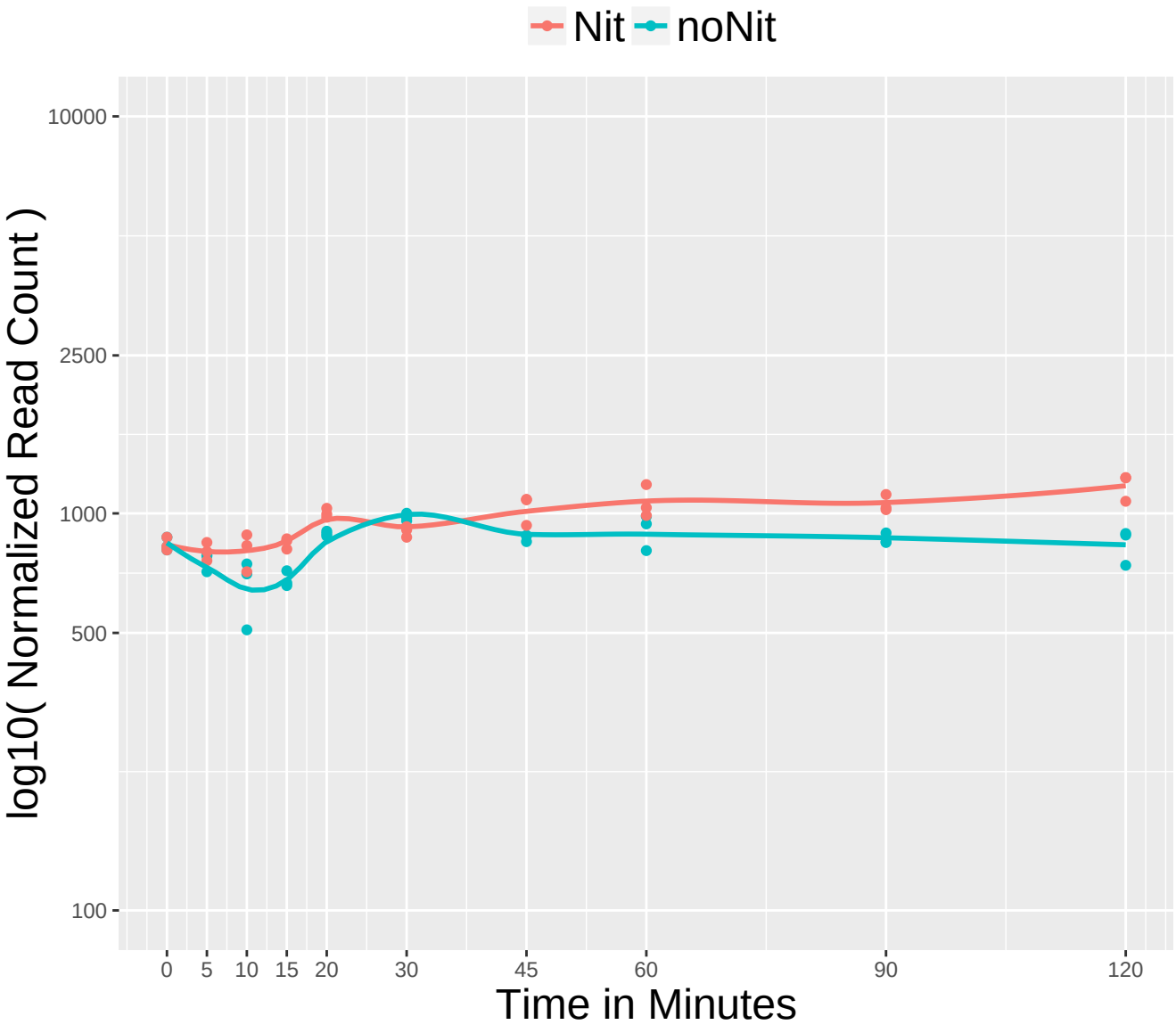
AR192,,MGE2,mitochondrial



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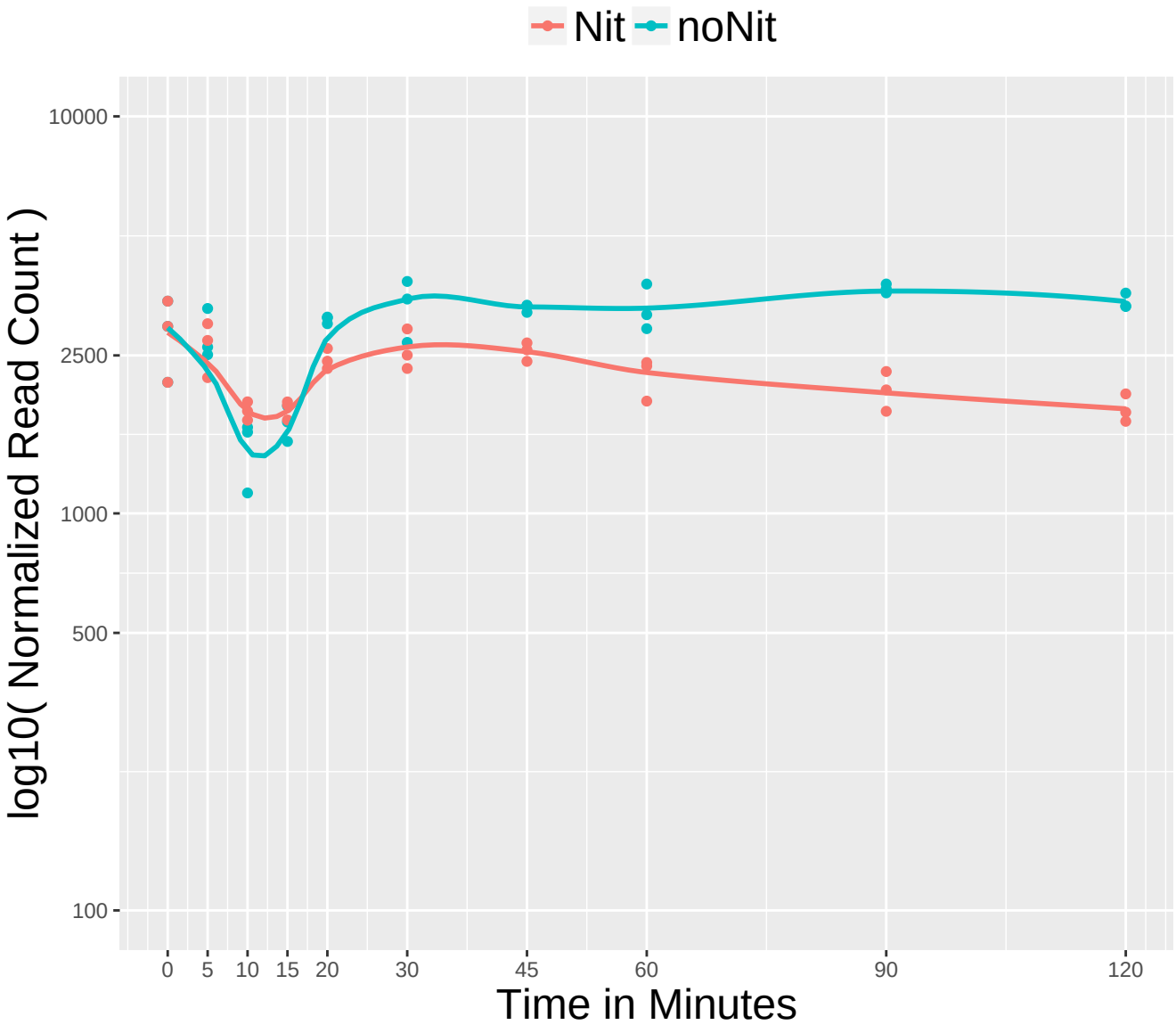
ATK2,kinesin



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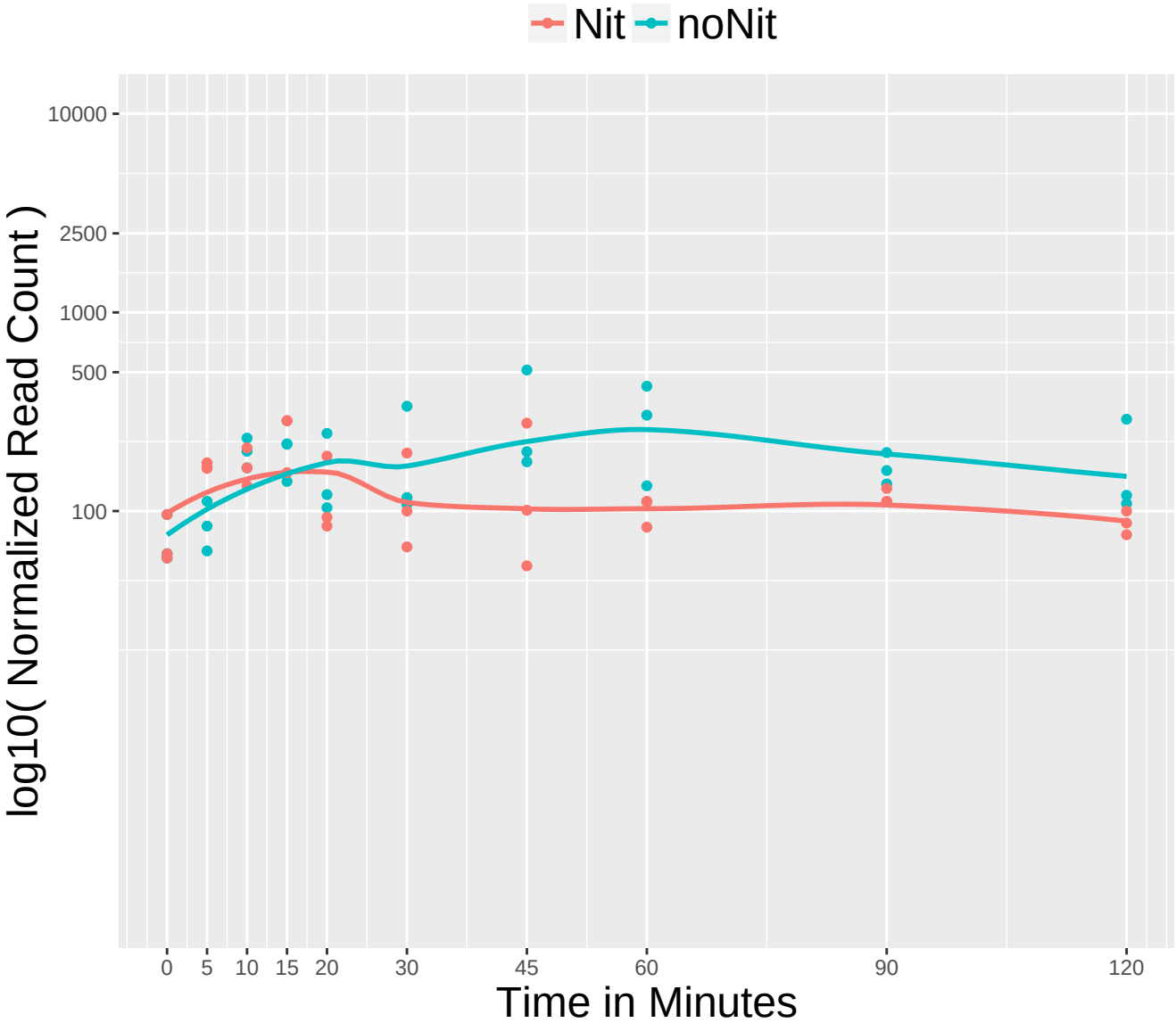

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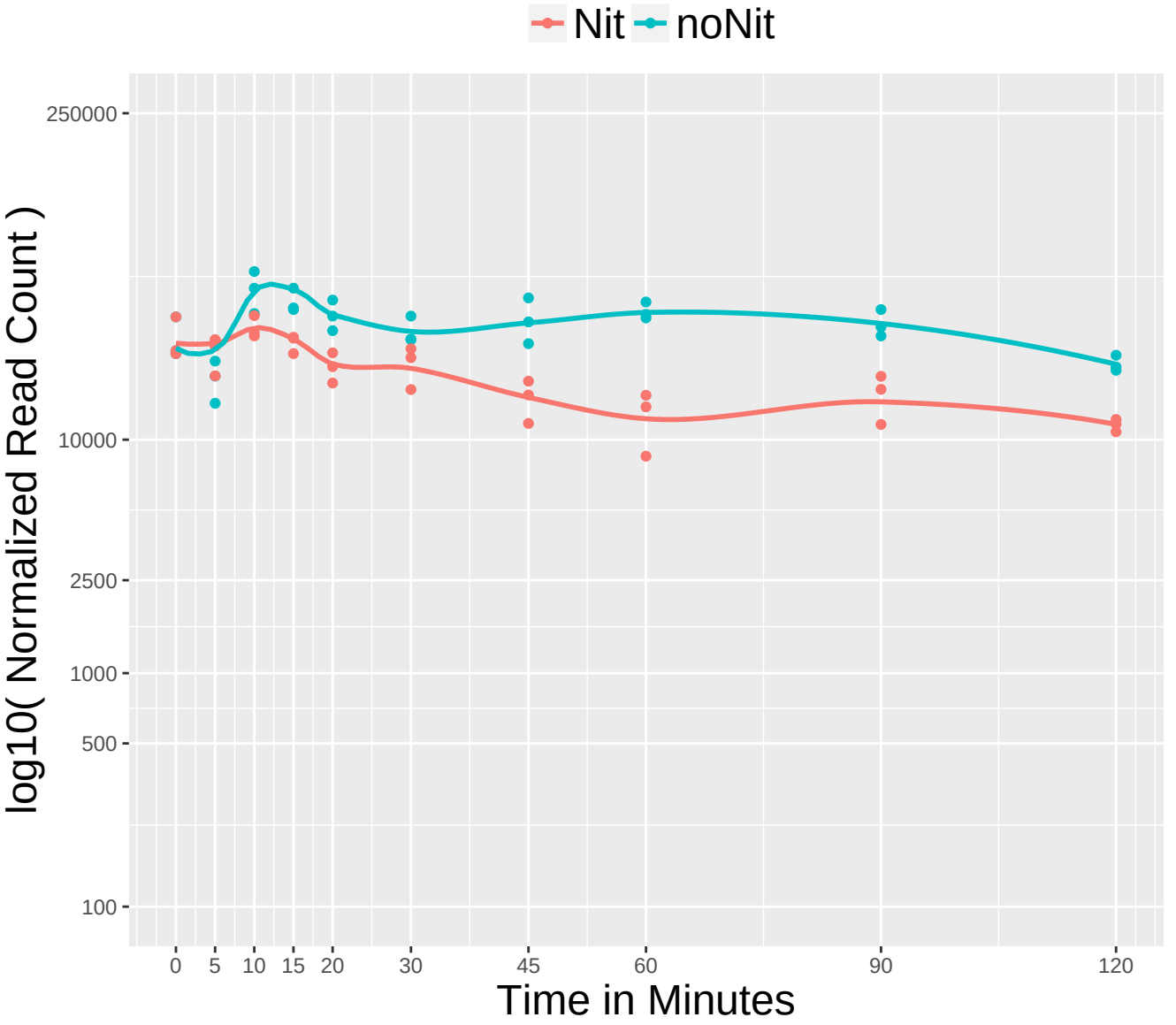

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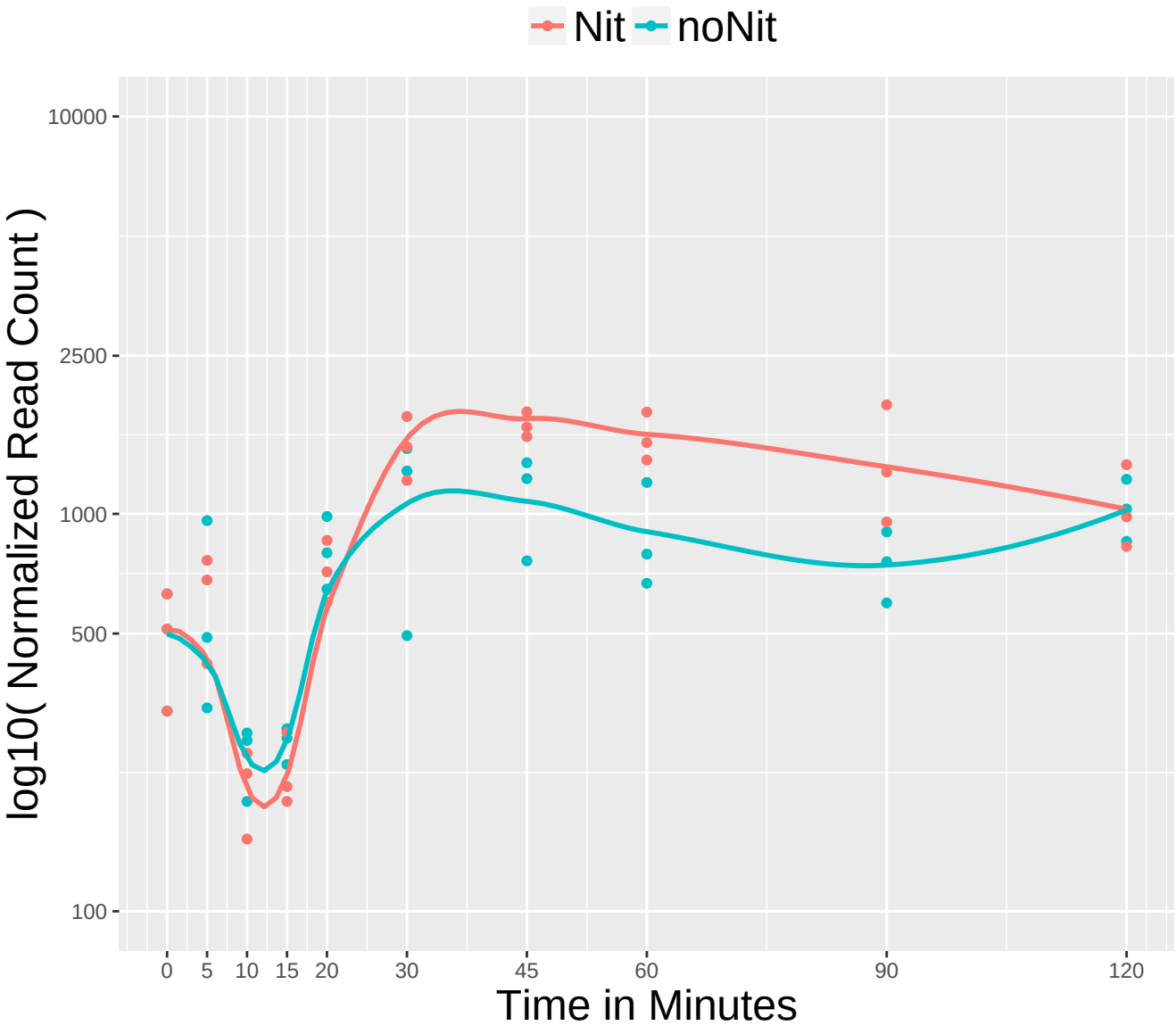
ATST4B,ARABIDOPSIS



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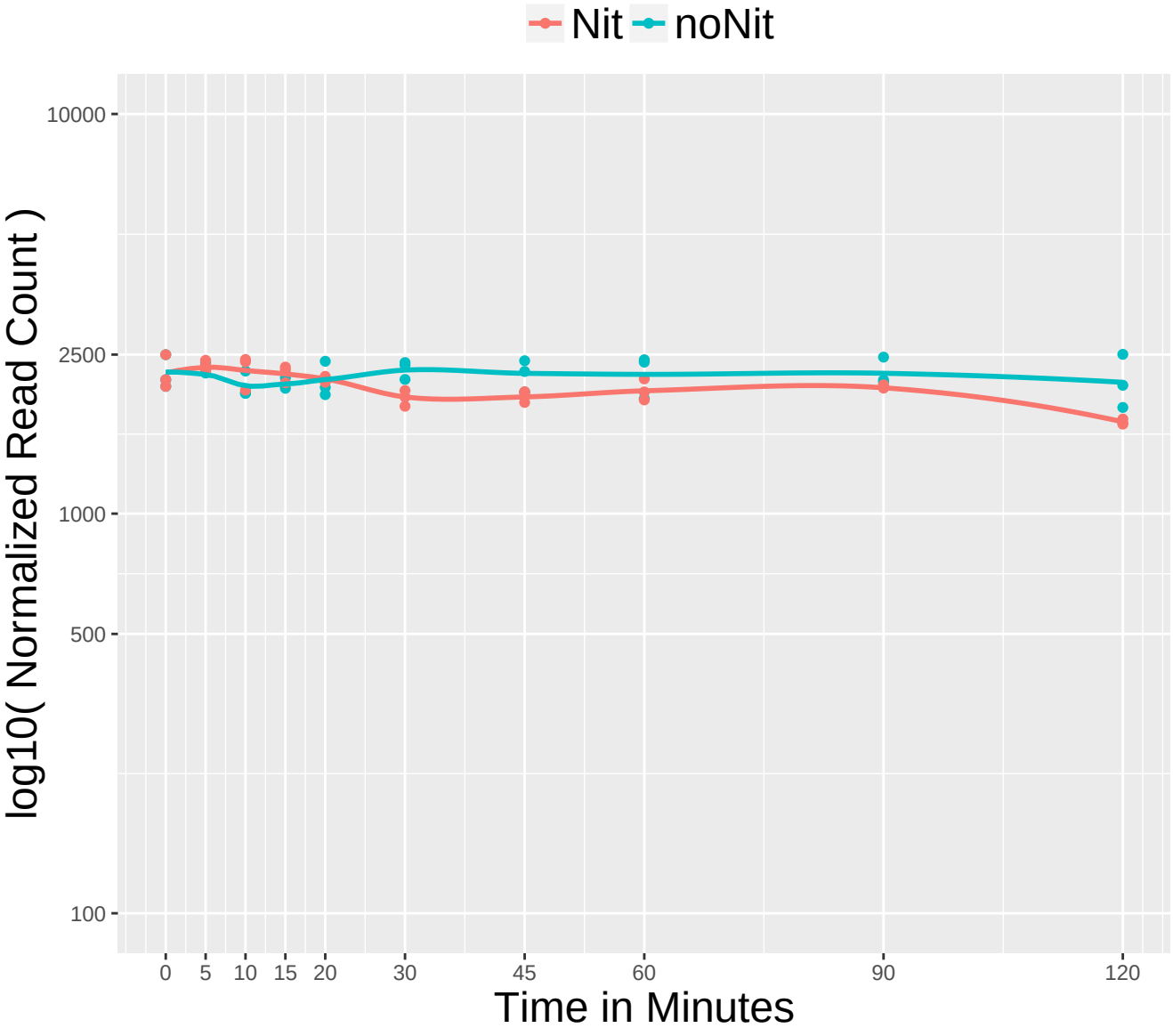
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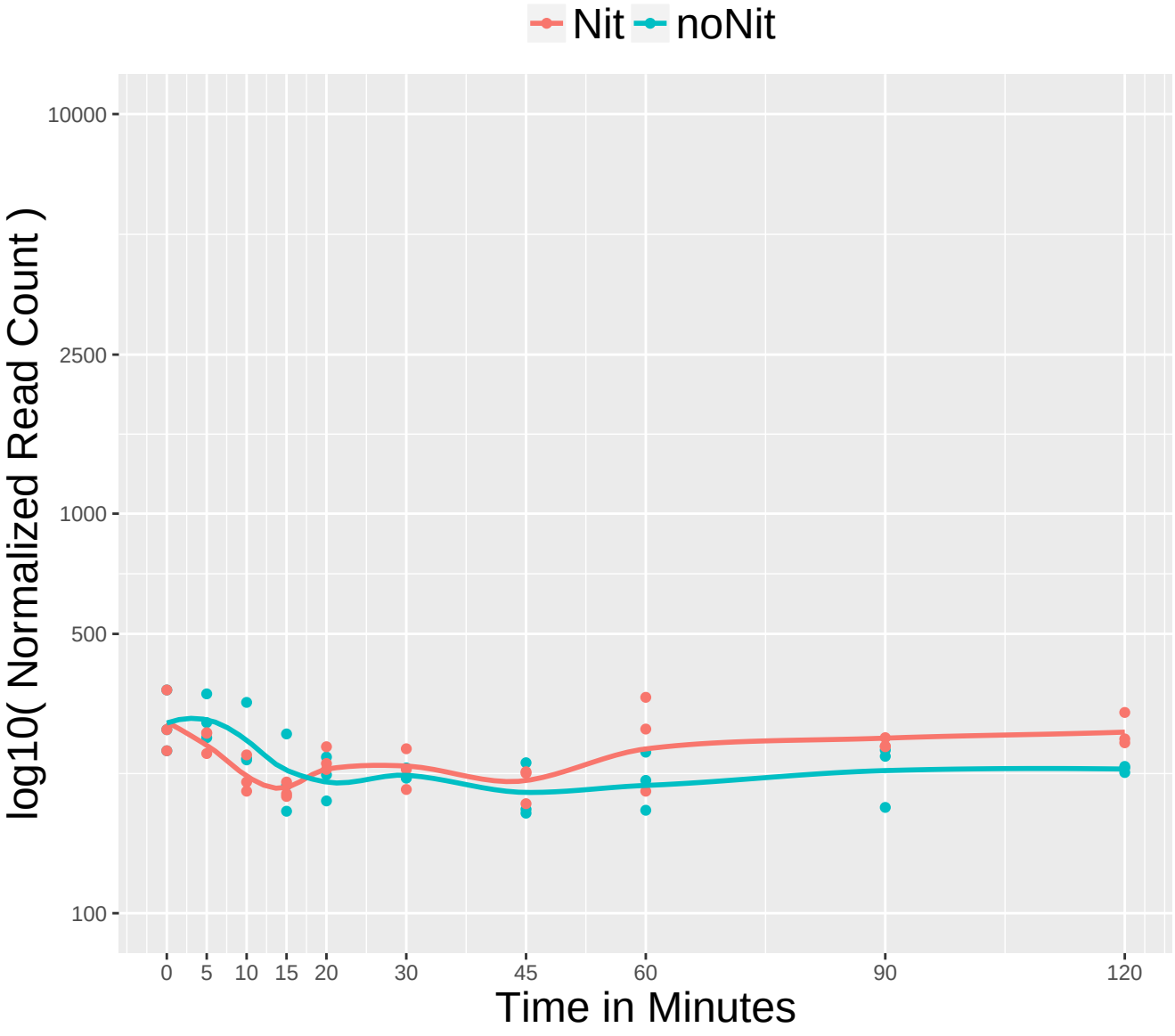
SWIB



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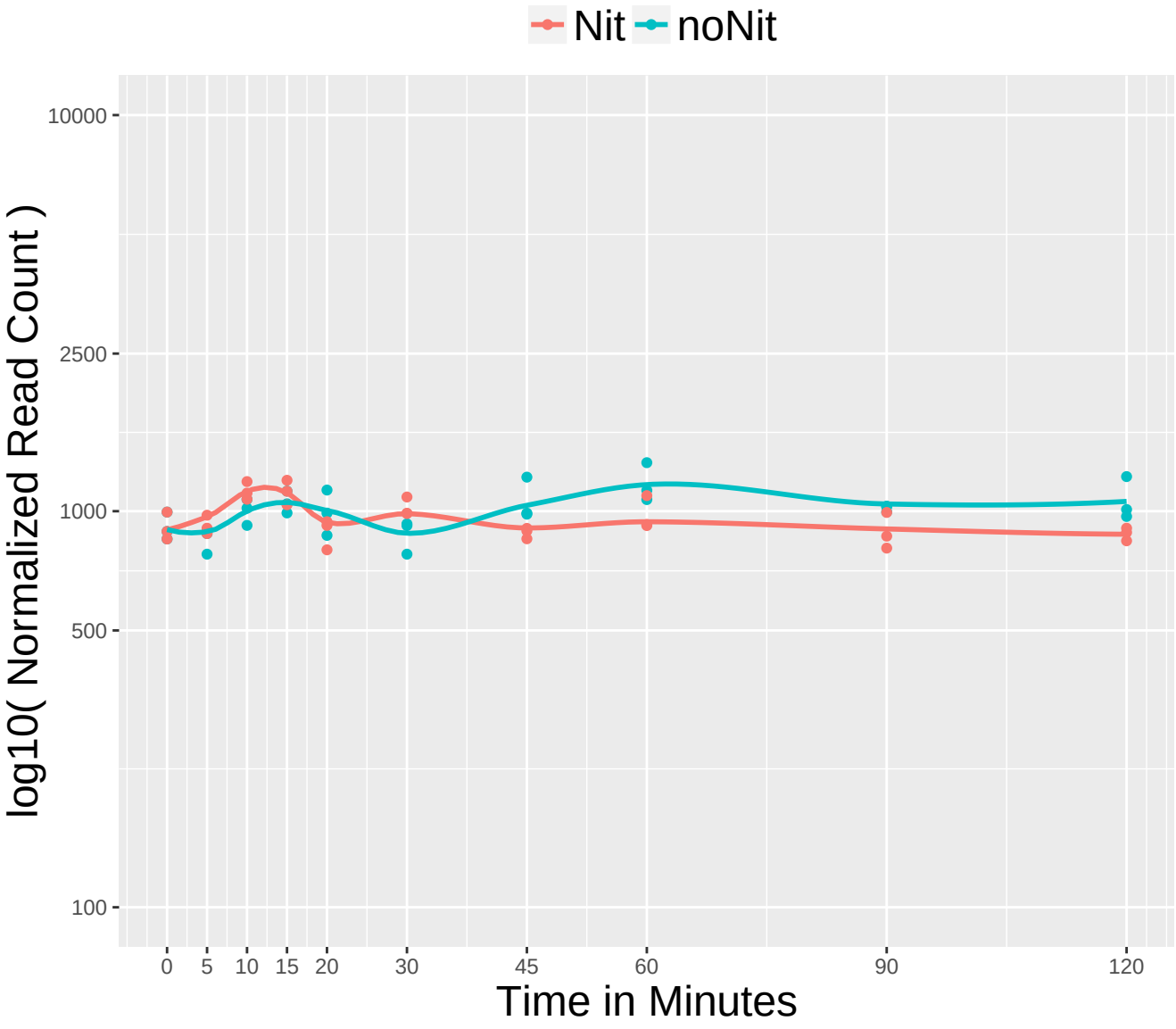

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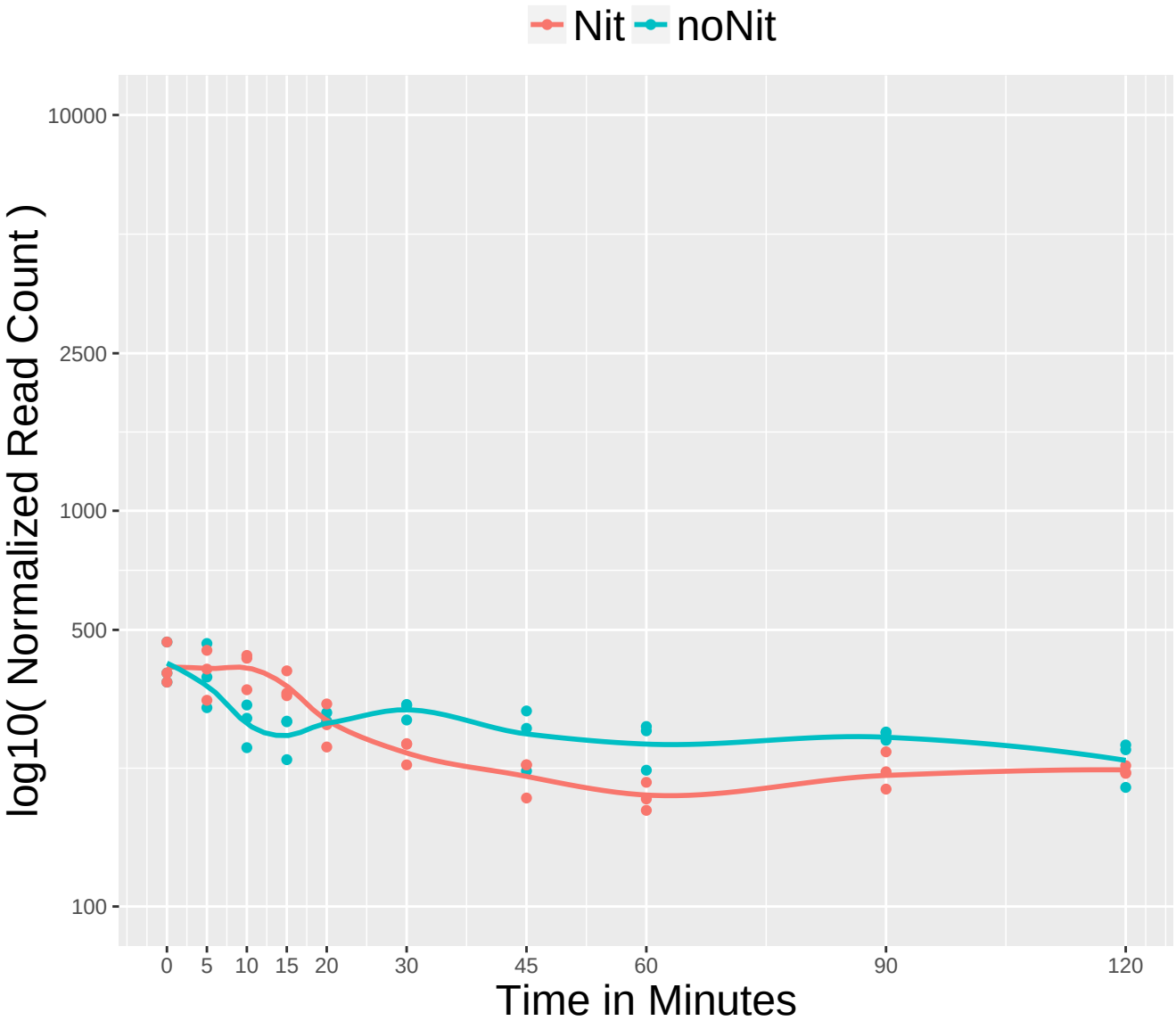

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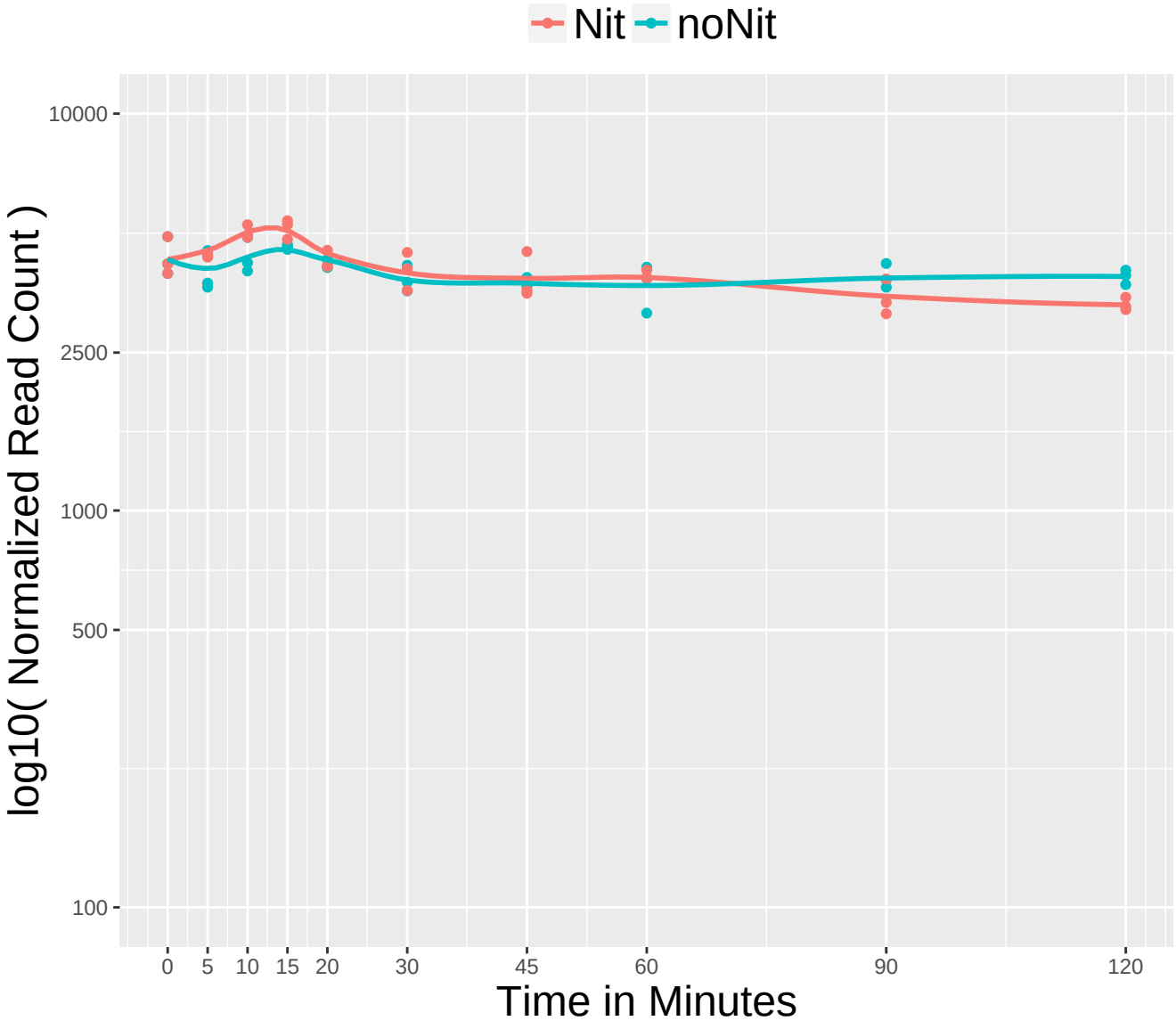
SNF7.2,,VPS32



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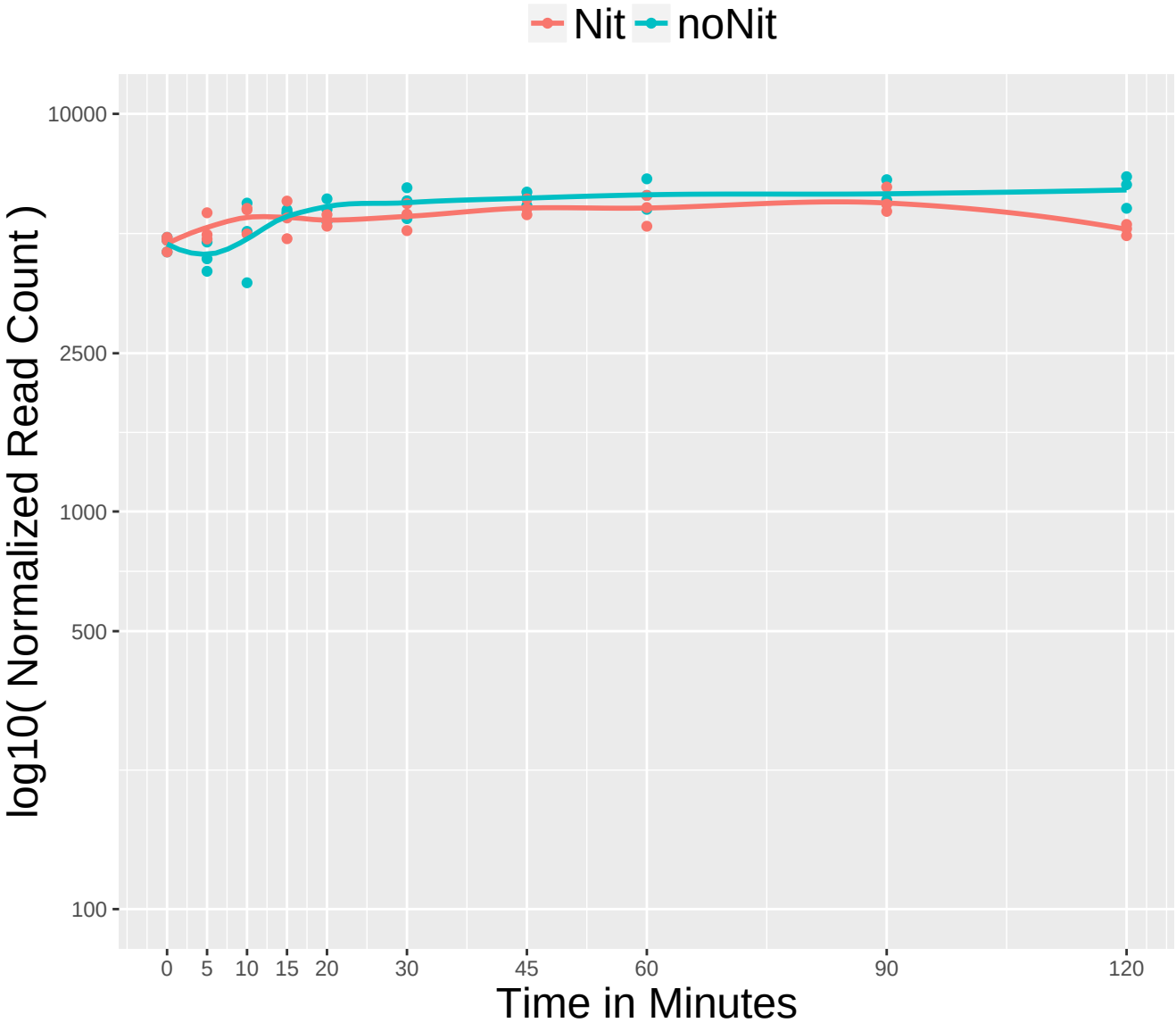

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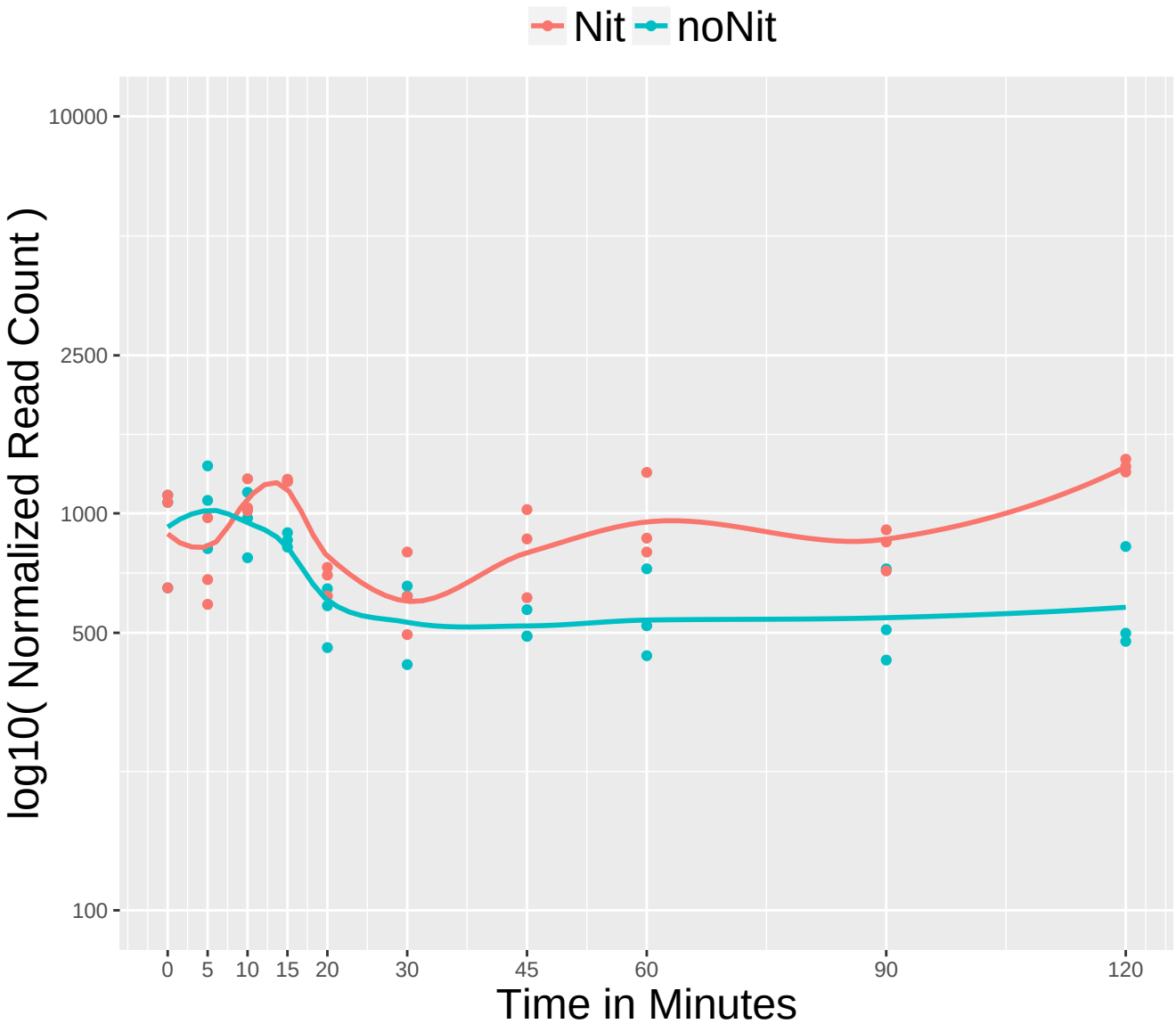

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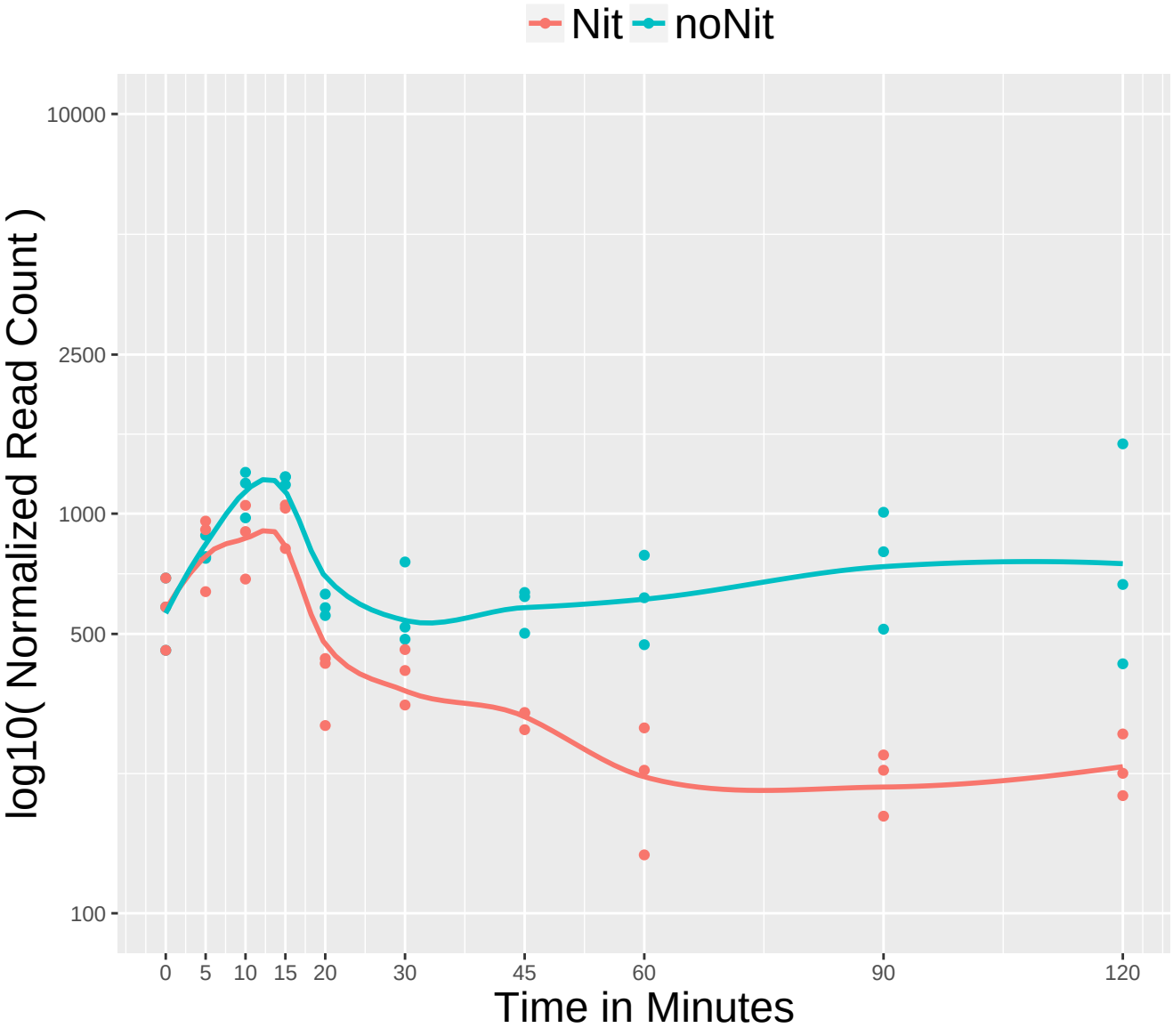
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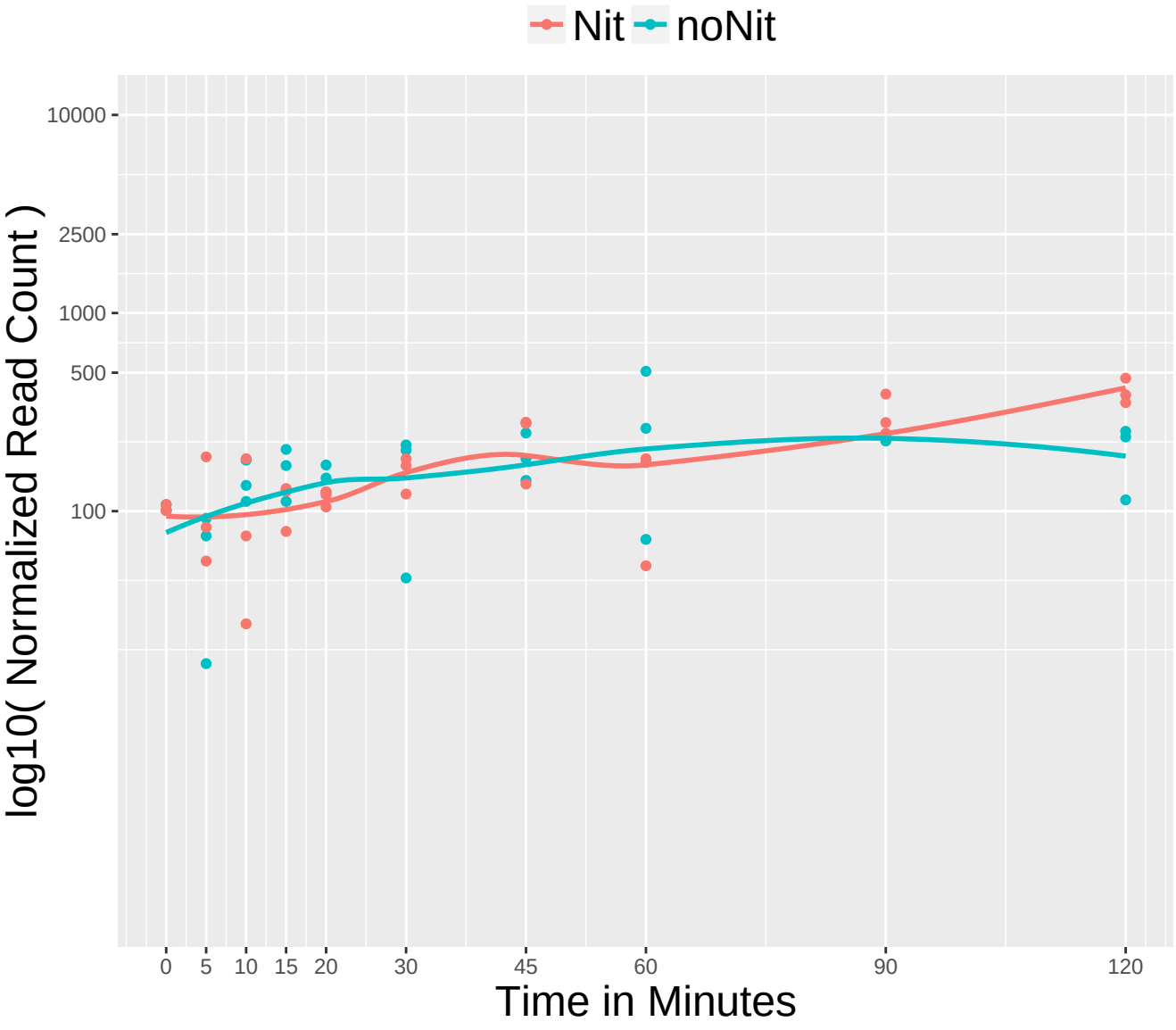

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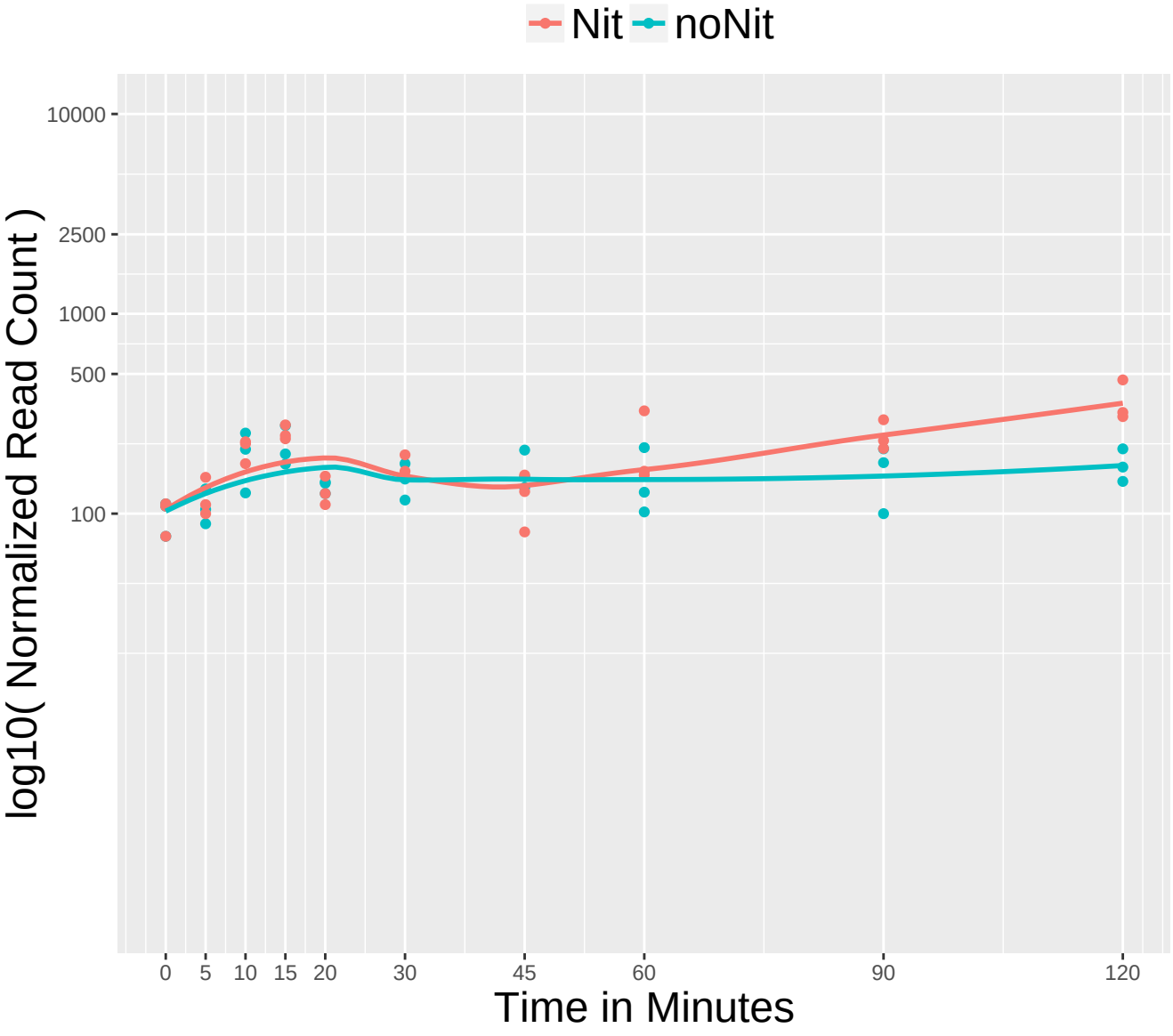
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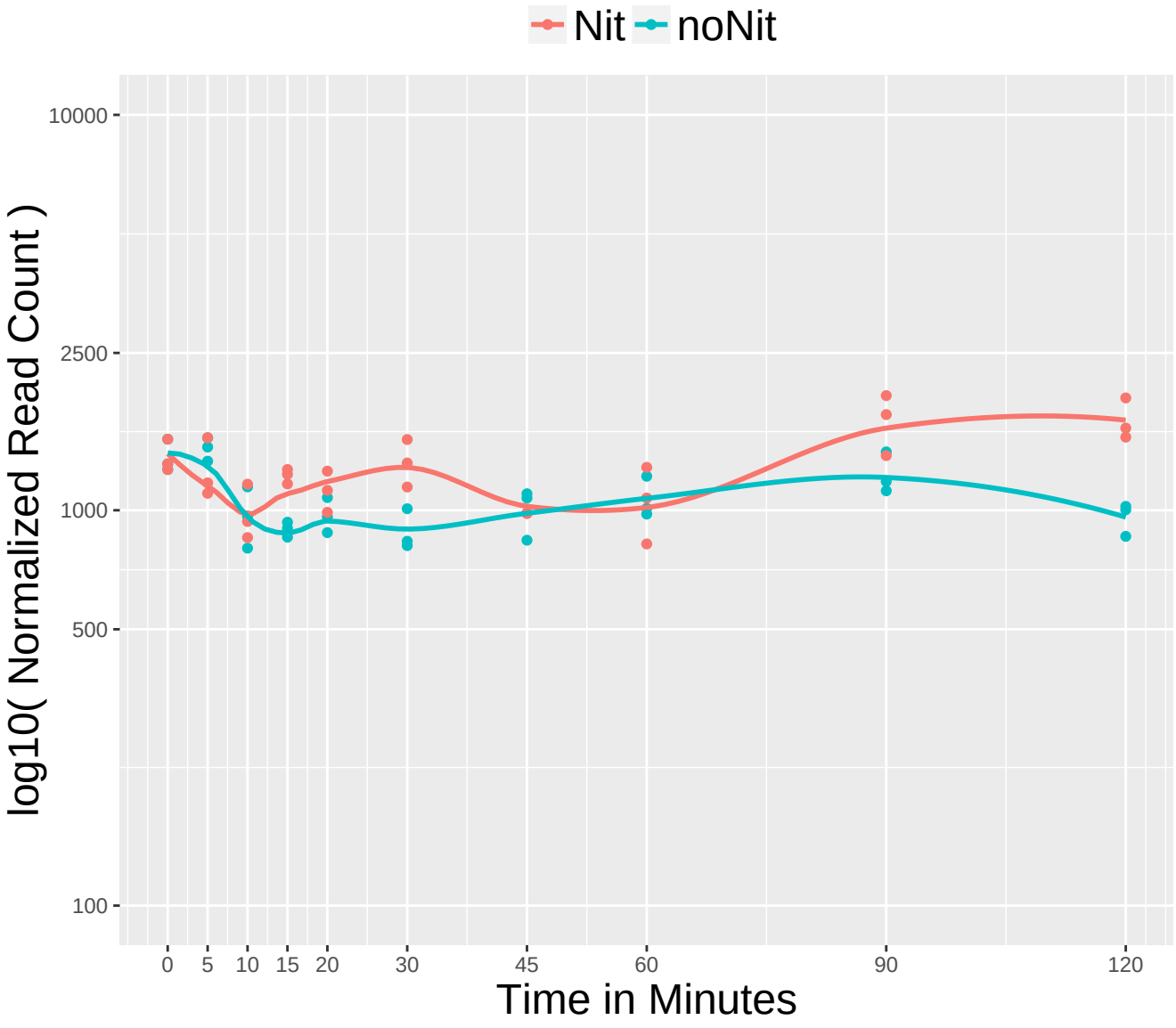
AT4G19700

AtILP,,BOI,Botrytis



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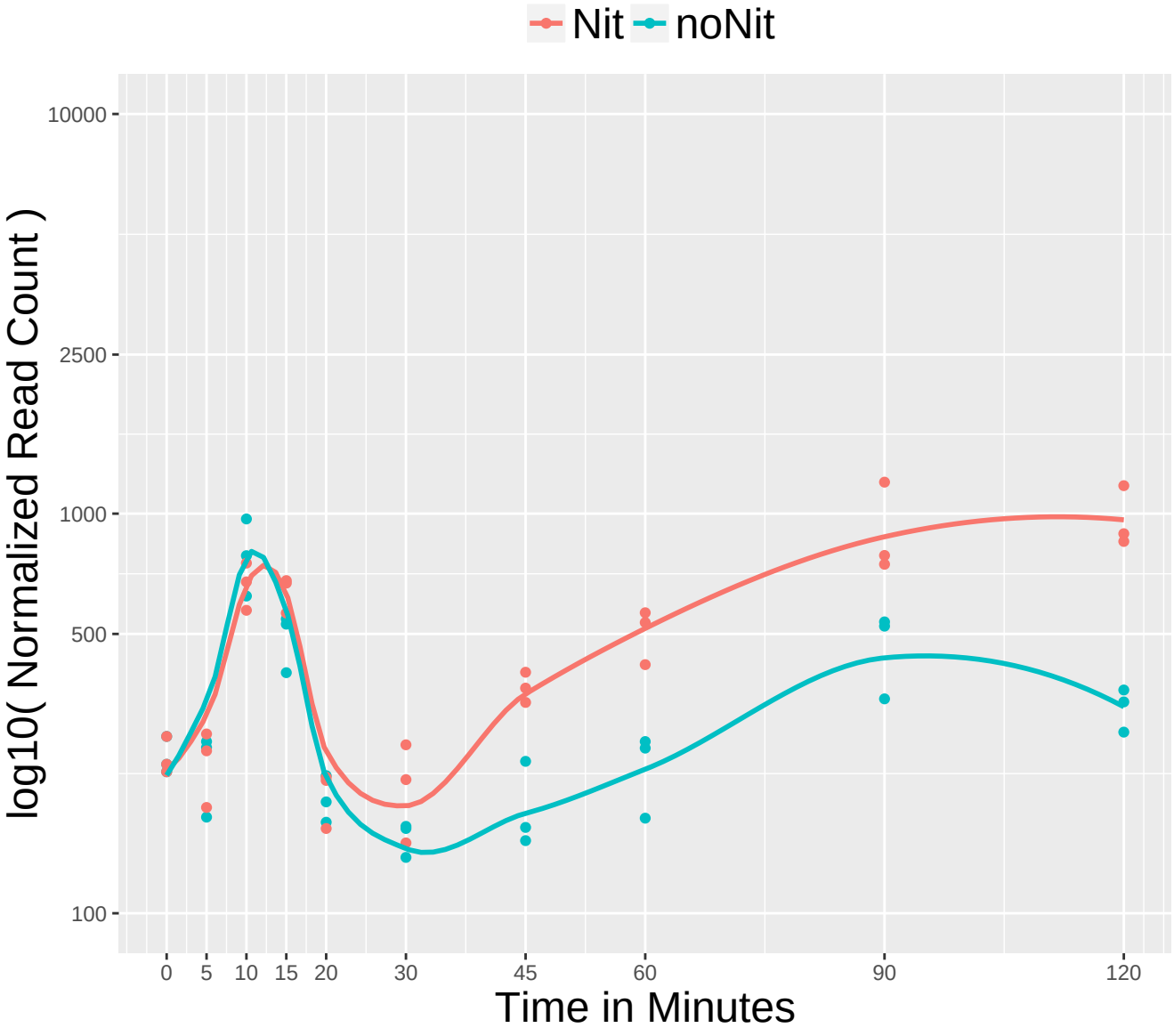
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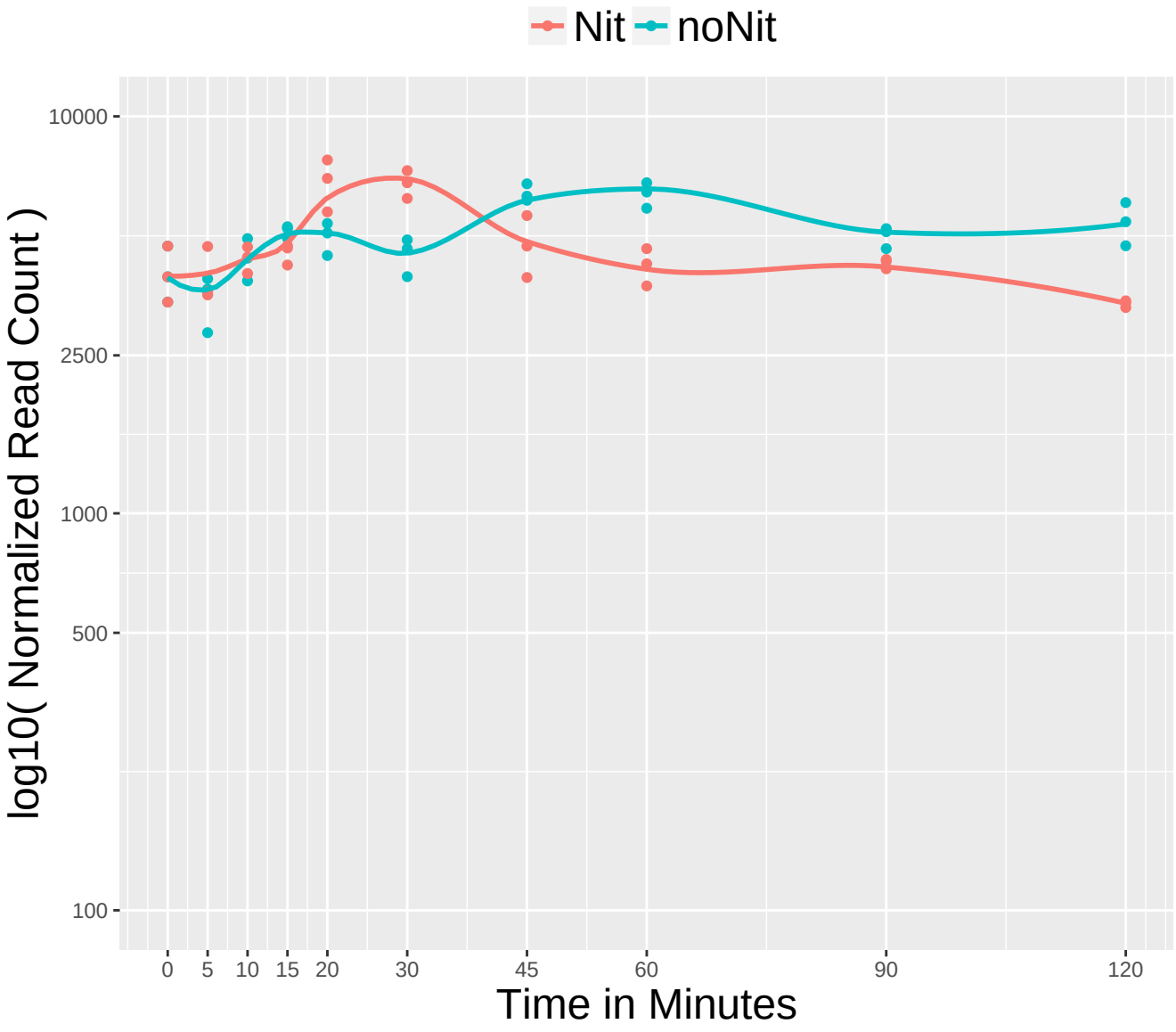
20
30
45
60
90
120
Time in Minutes

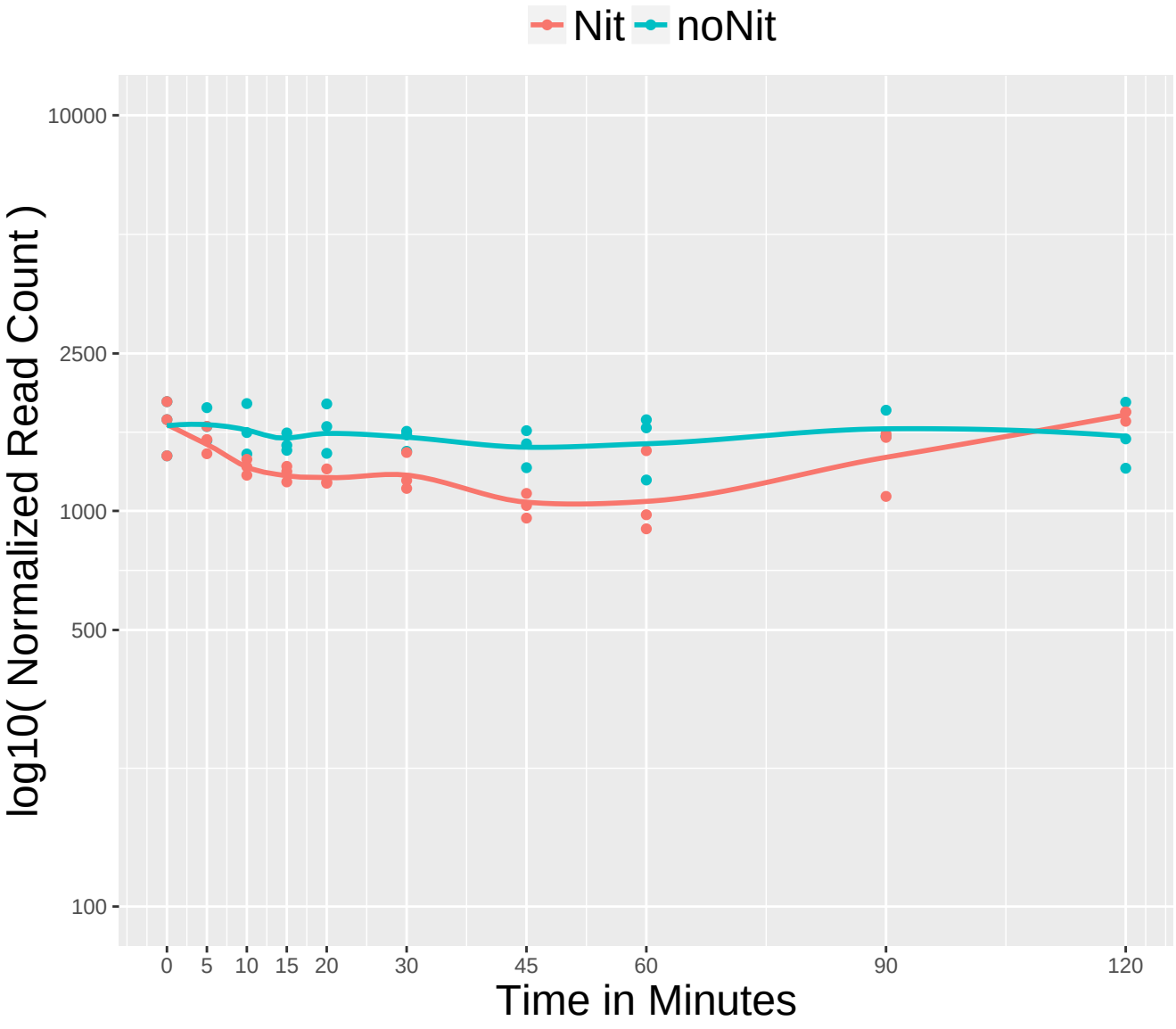
AT4G24020

NLP7,NIN



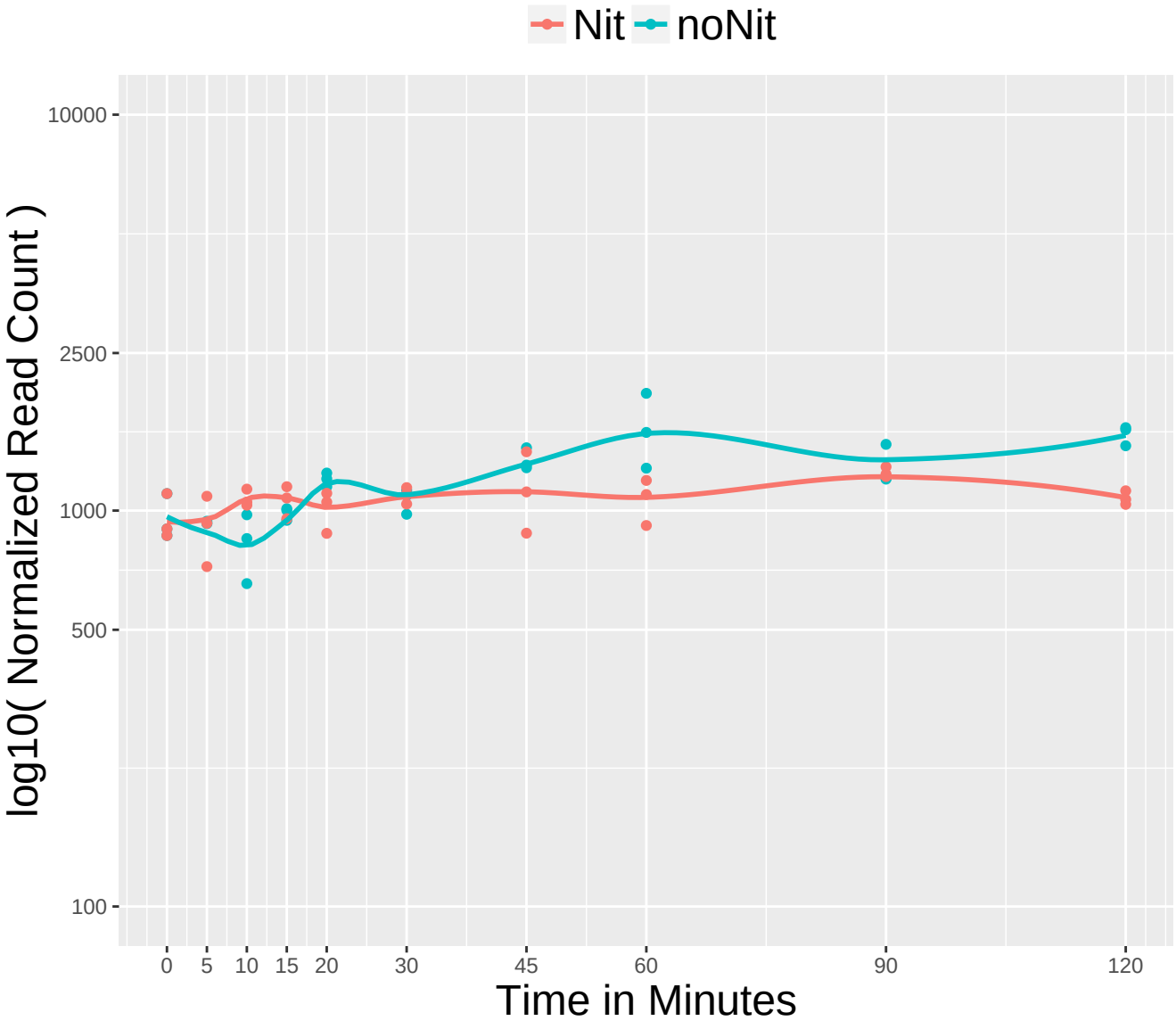
AT5G05860

UGT76C2,UDP−glucosyl



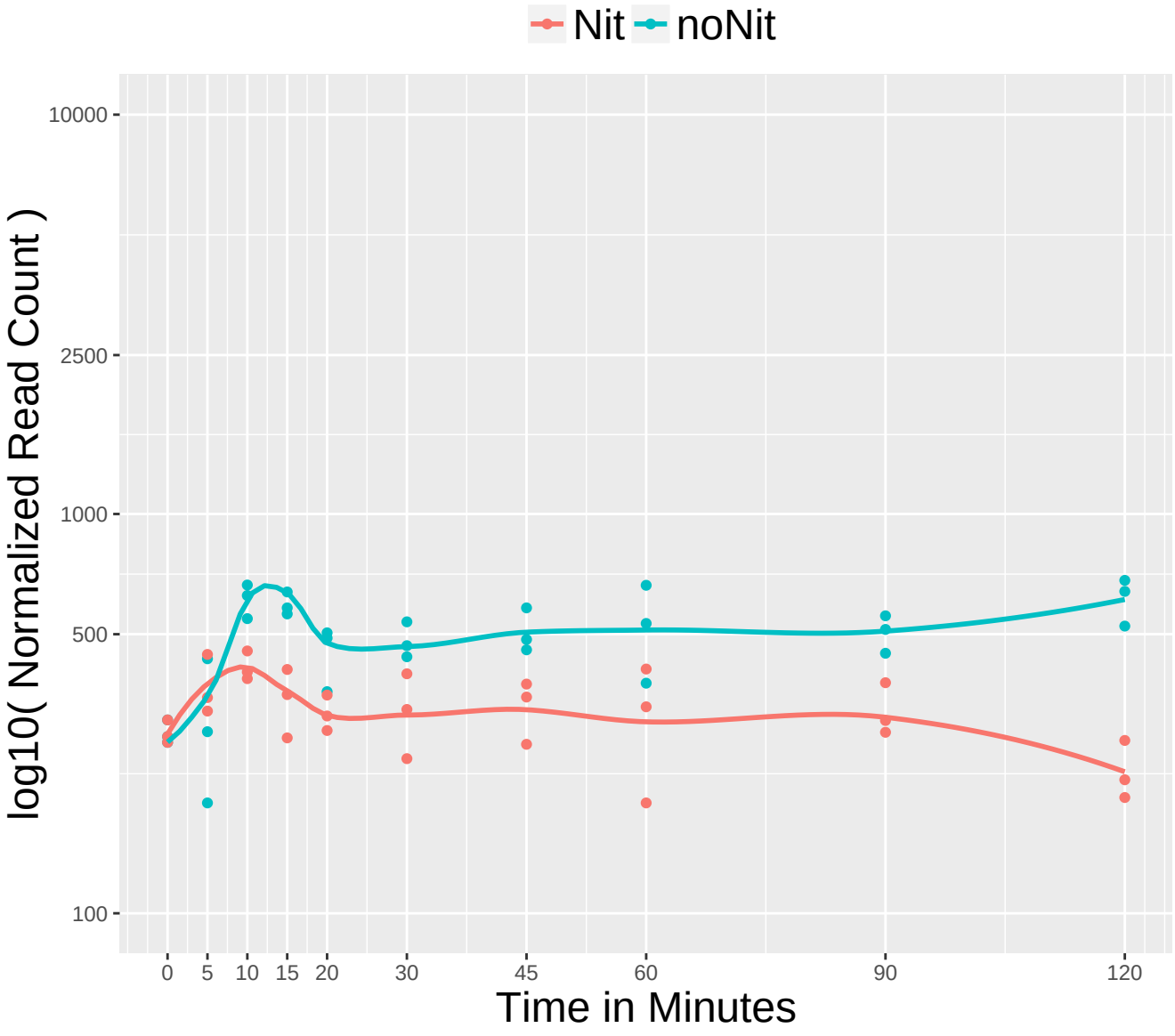
AT5G18525

protein



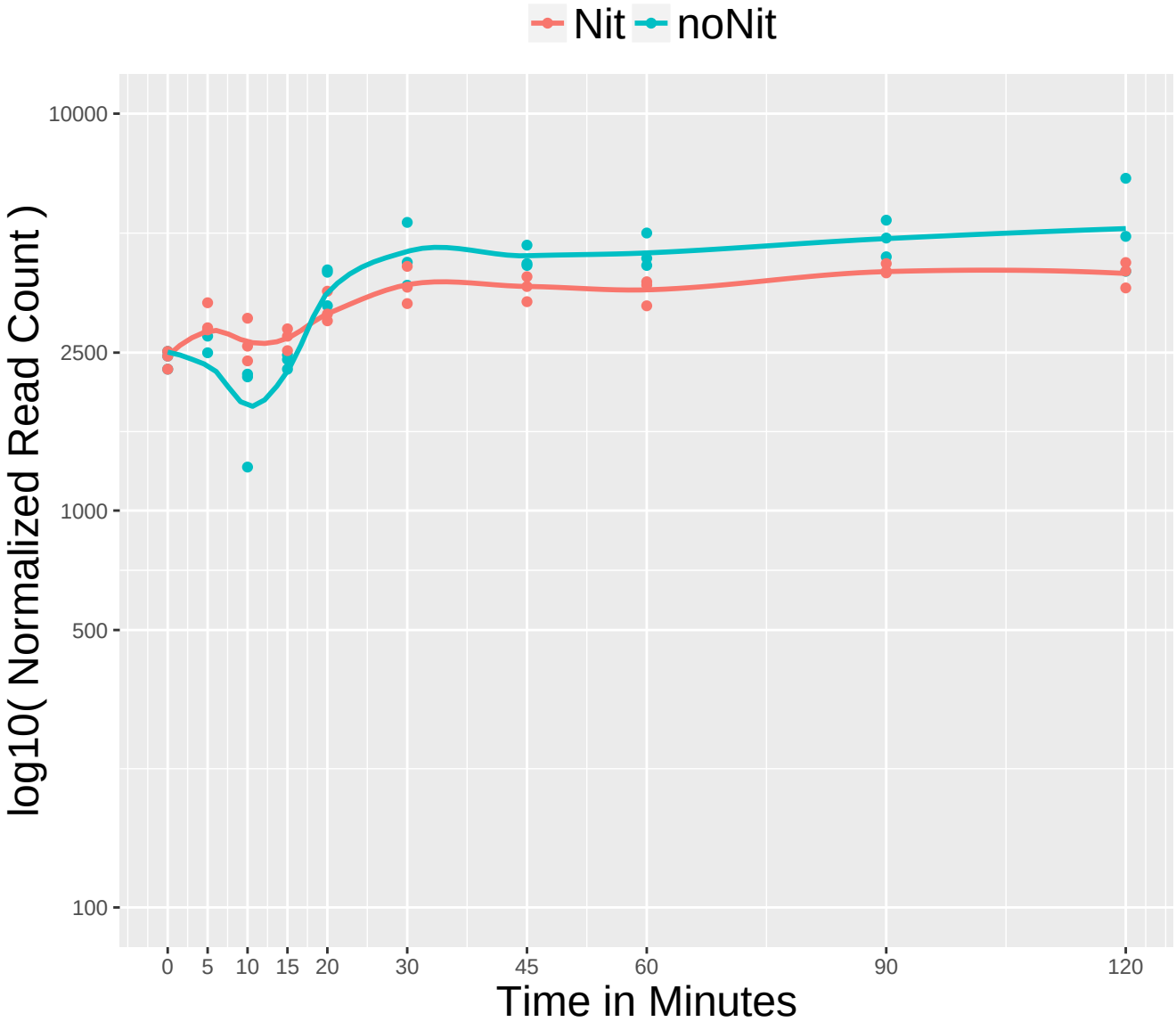
AT5G24100

Leucine−rich



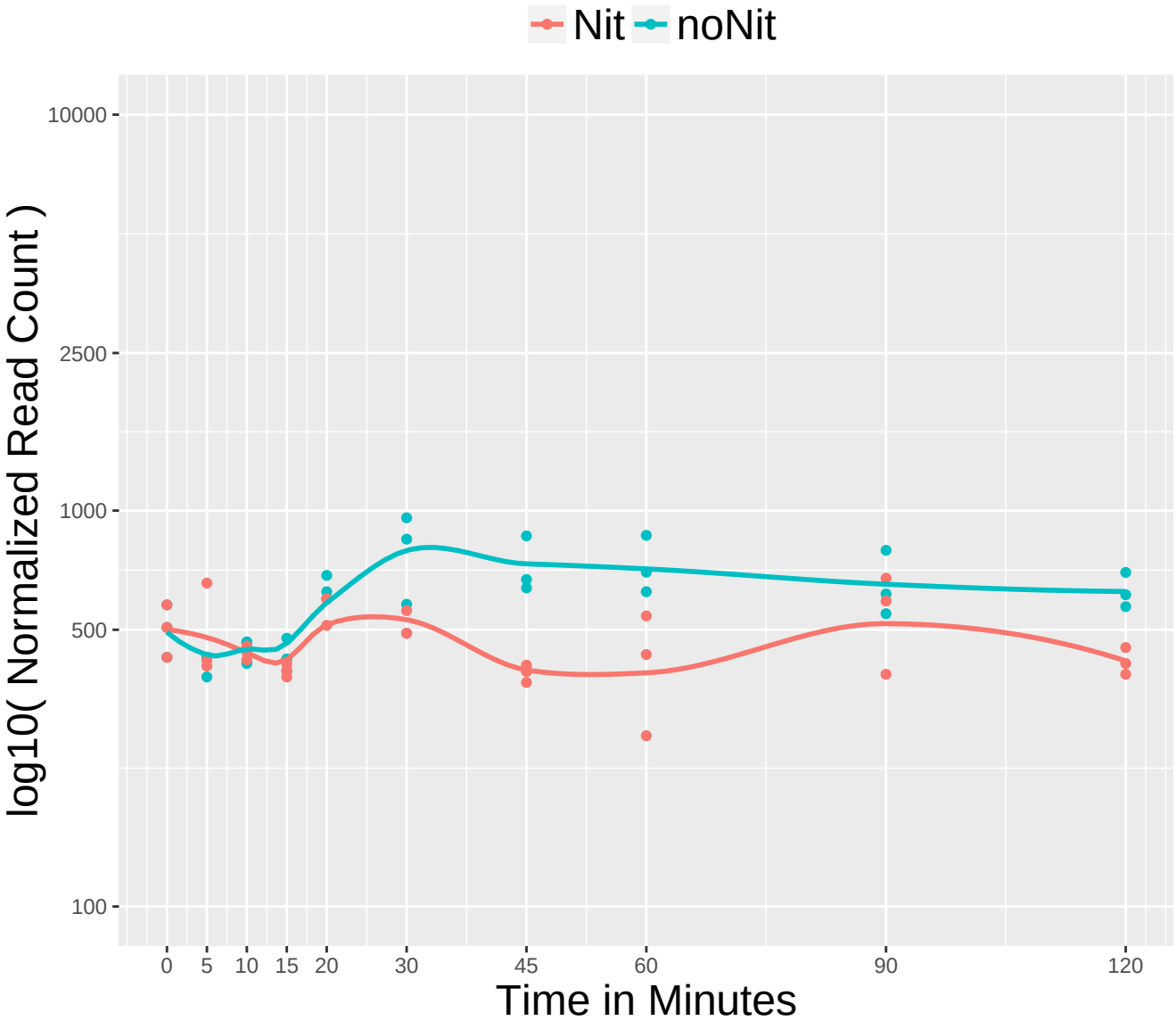
AT5G44070

ARA8,,ATPCS1,ARABIDOPSIS



AT5G48800

Phototropic−responsive



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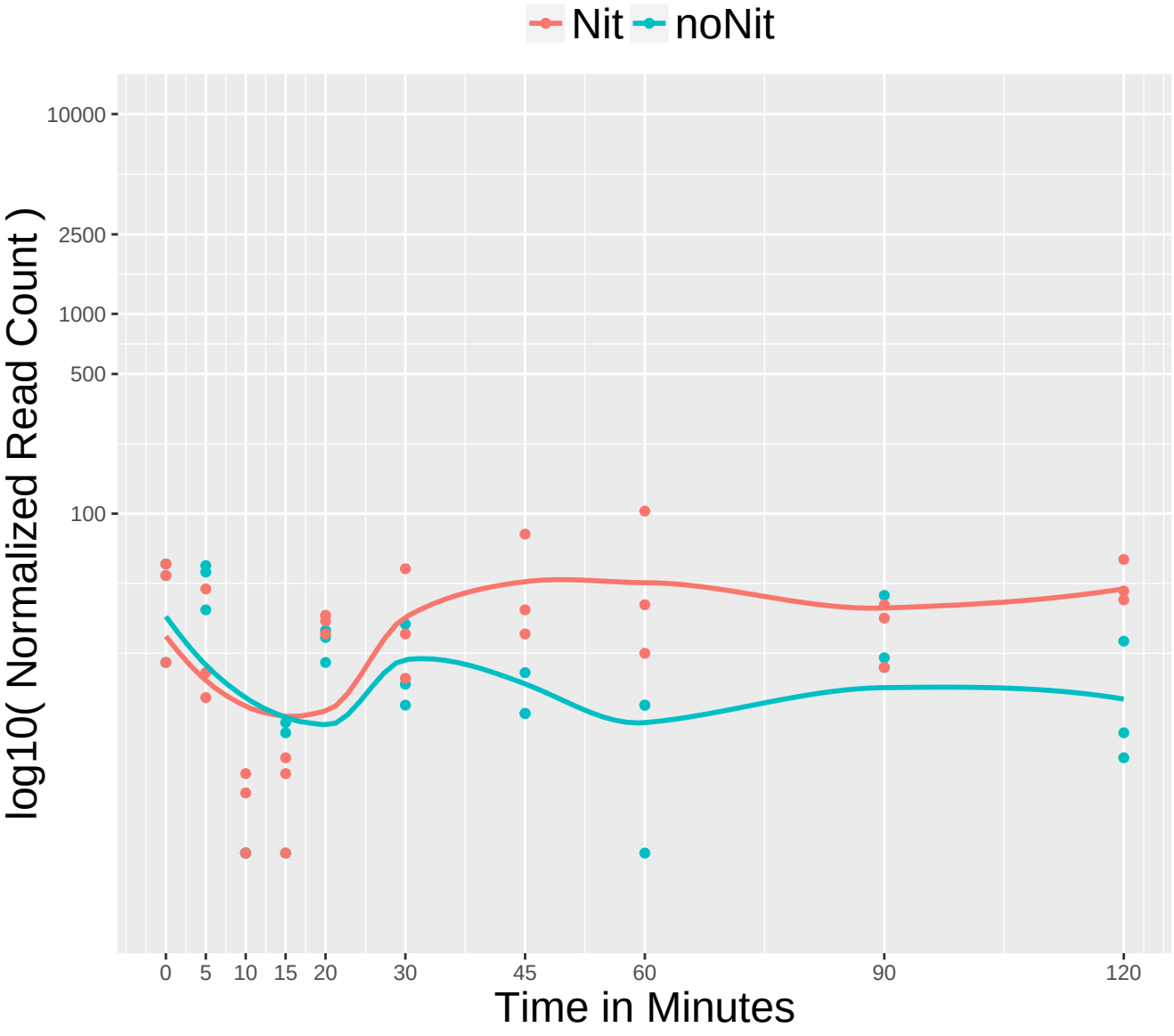
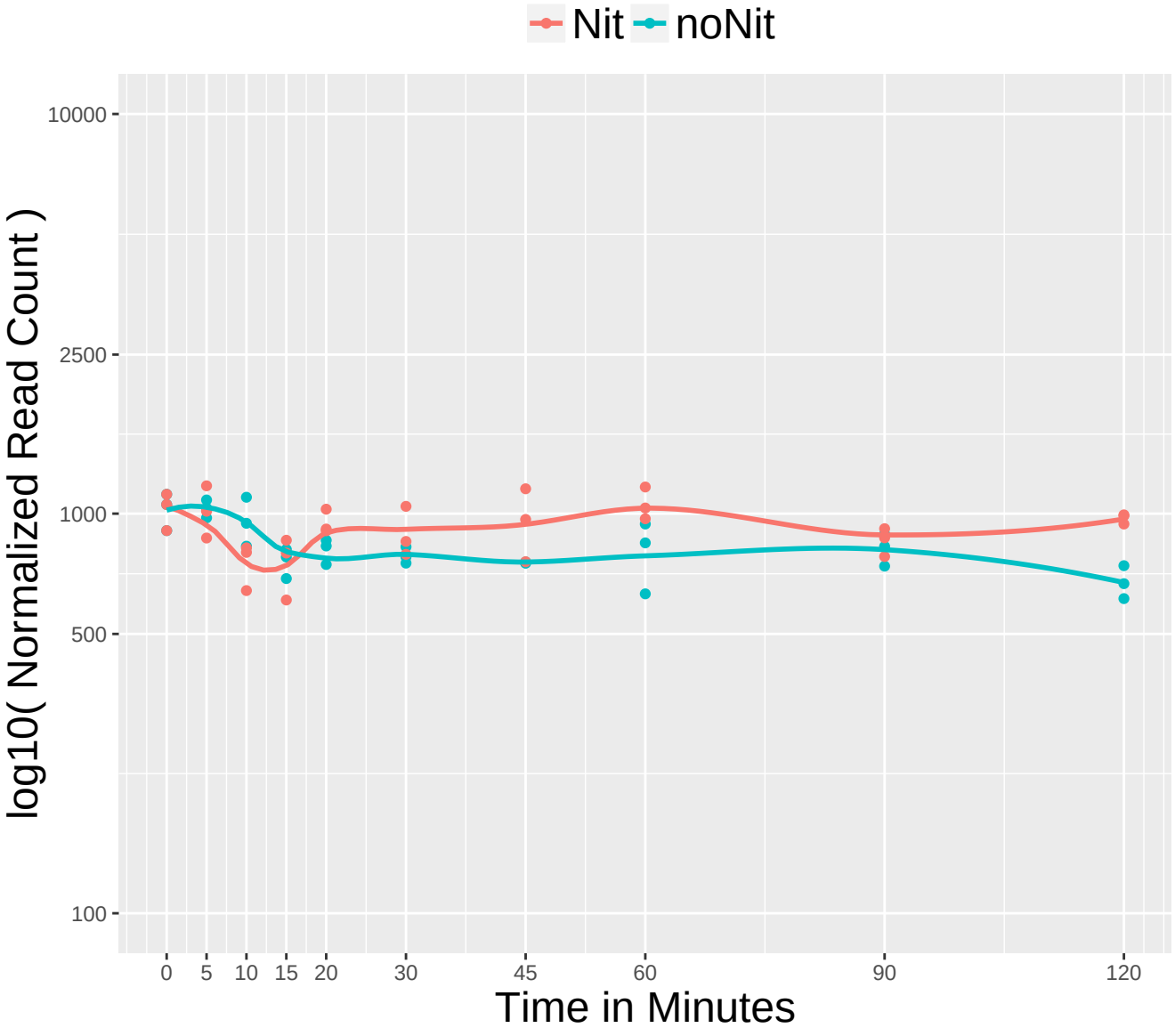
YCF9



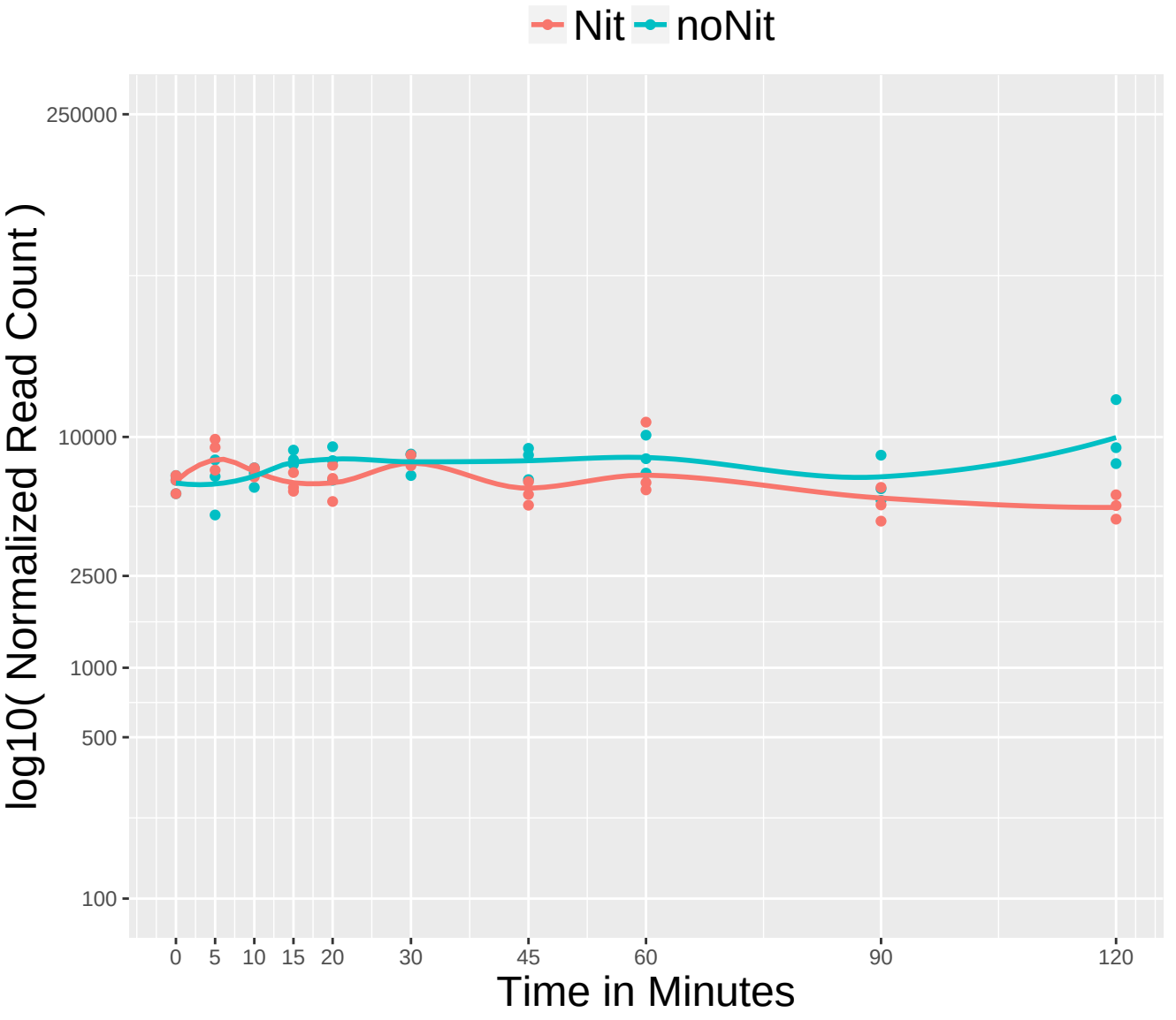
AT1G07950

MED22B



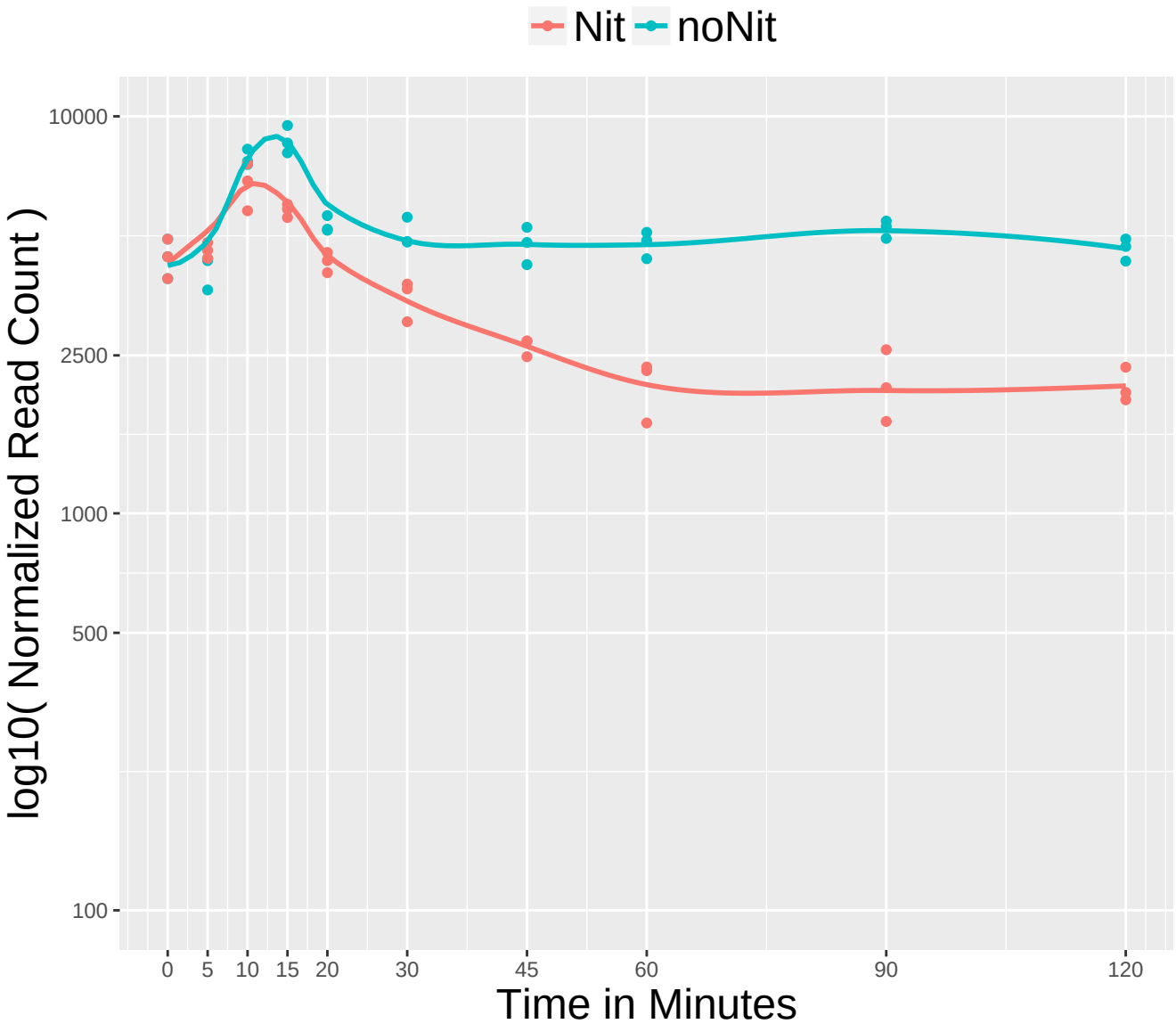
AT1G17170

ATGSTU24,glutathione

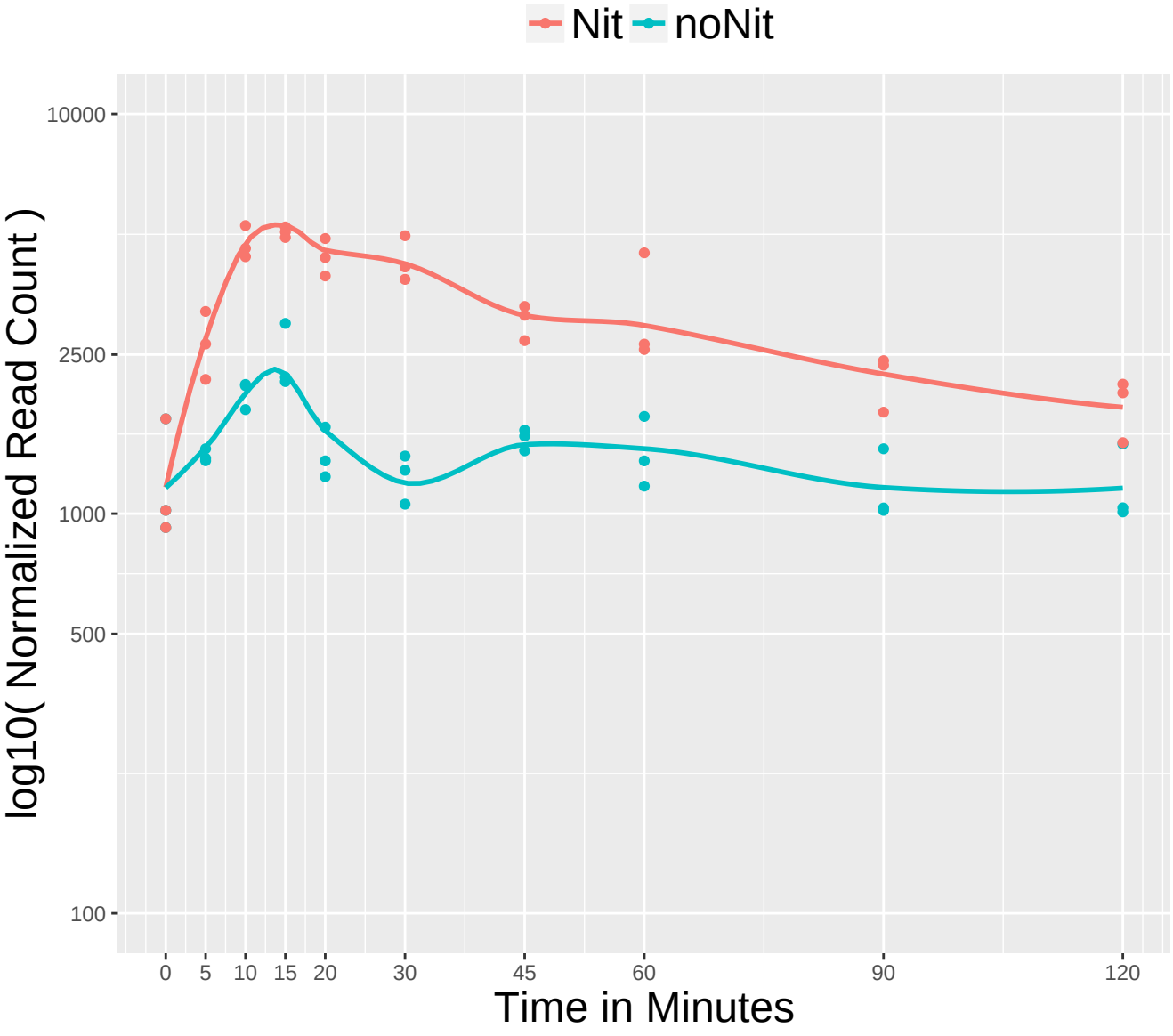


AT1G29050

TBL38,TRICHOME



AT1G32920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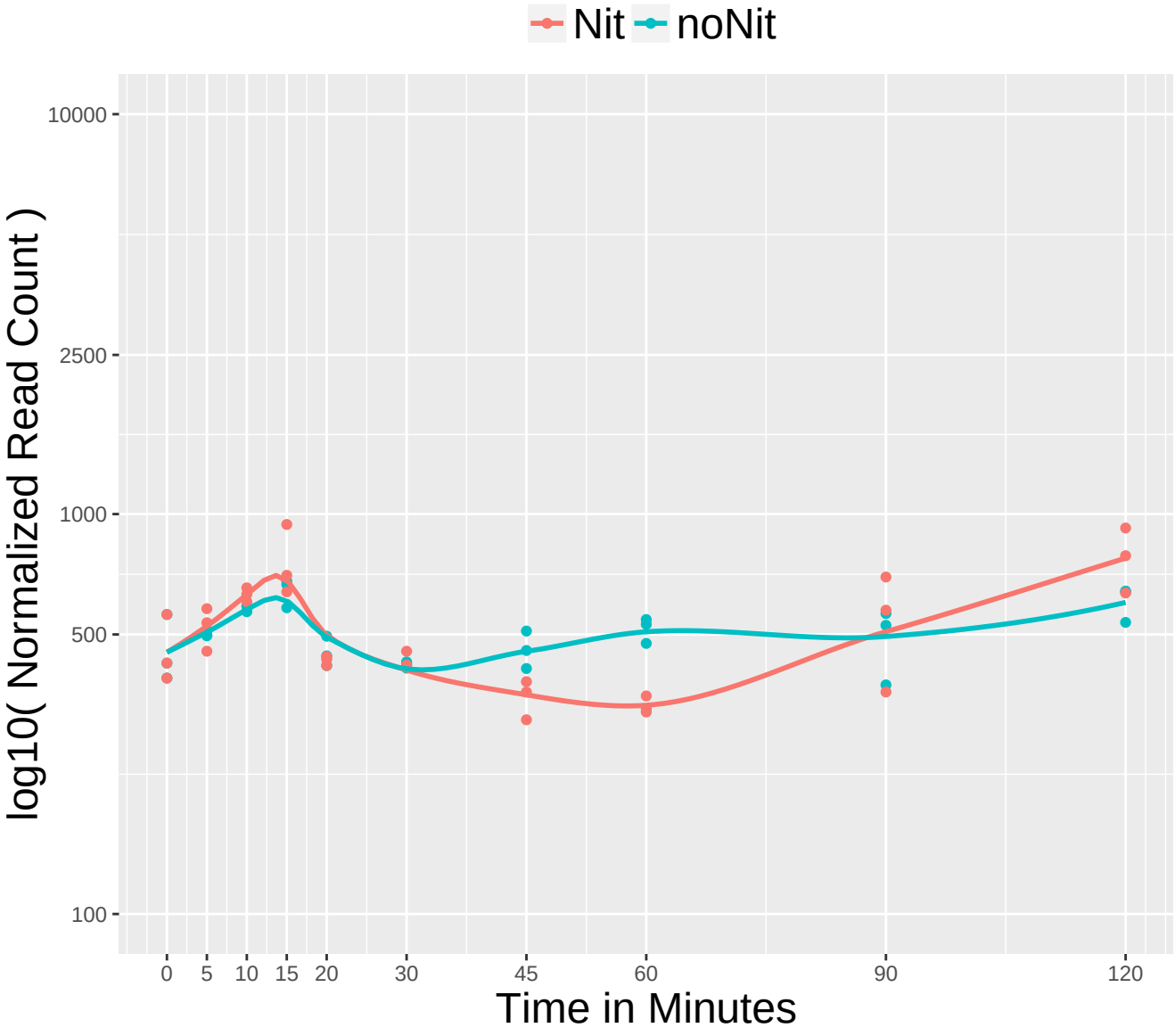
45
60
90
120
Time in Minutes

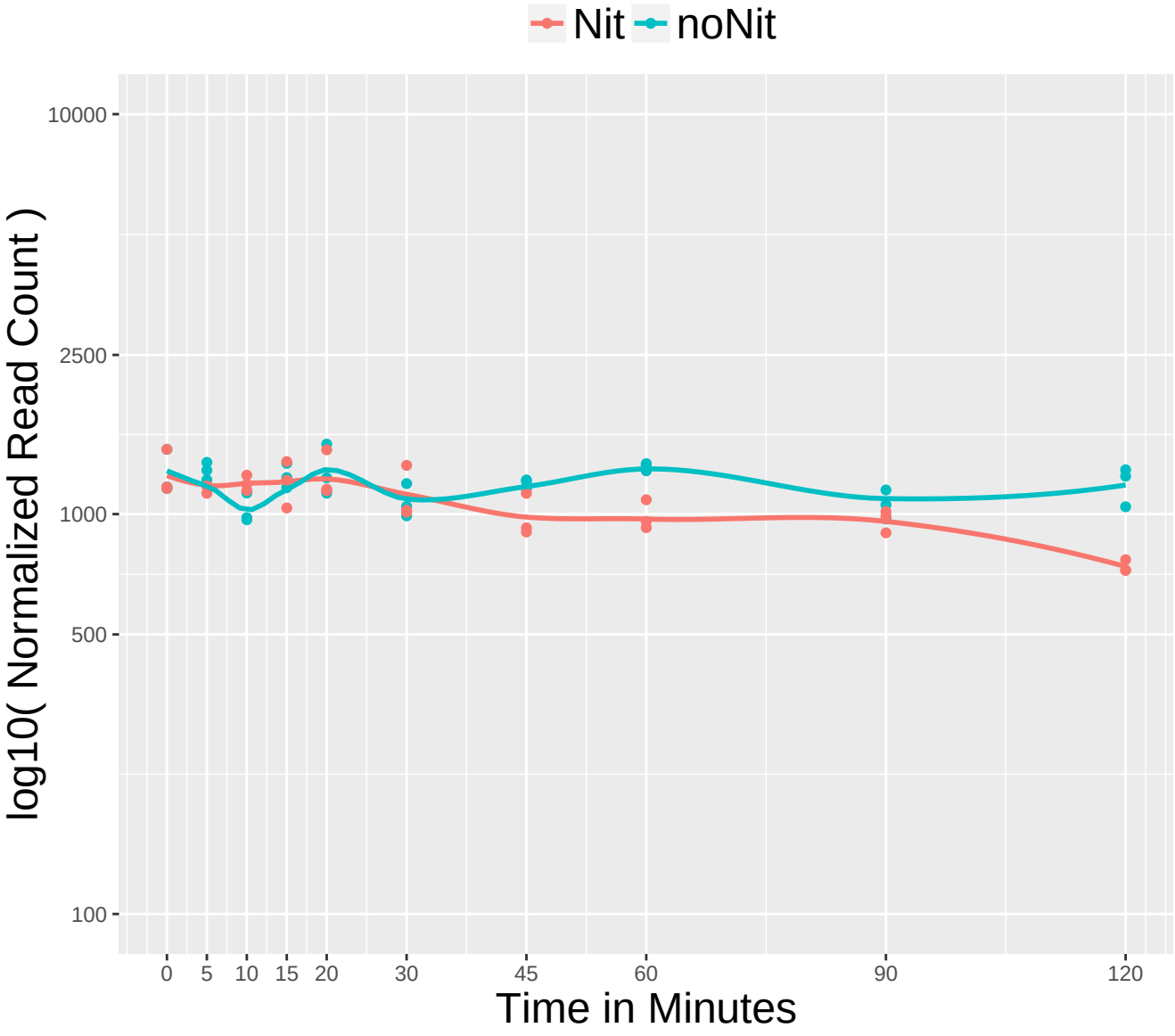
AT2G18670

RING/U−box



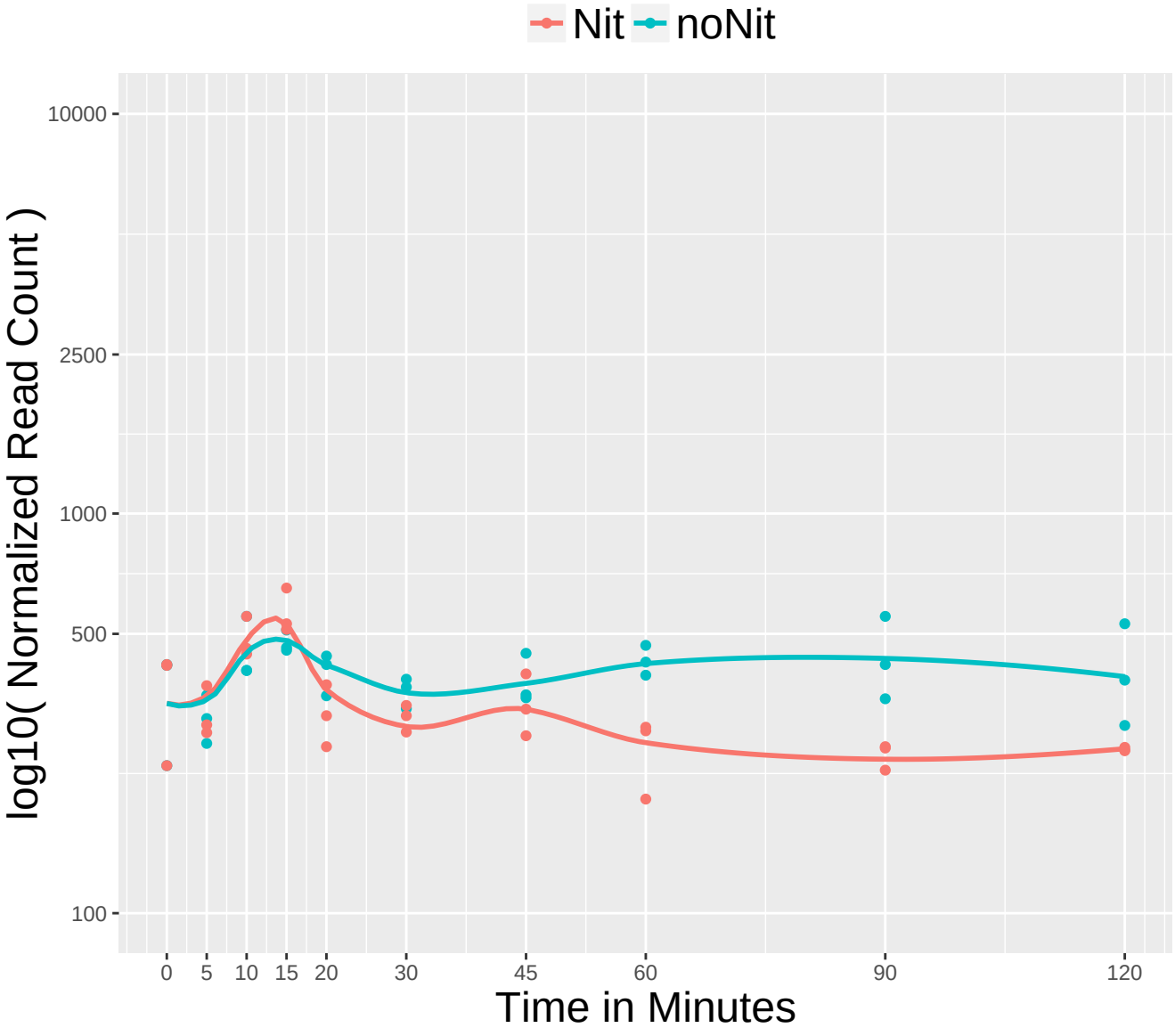
AT2G37150

RING/U−box



AT2G42960

Protein



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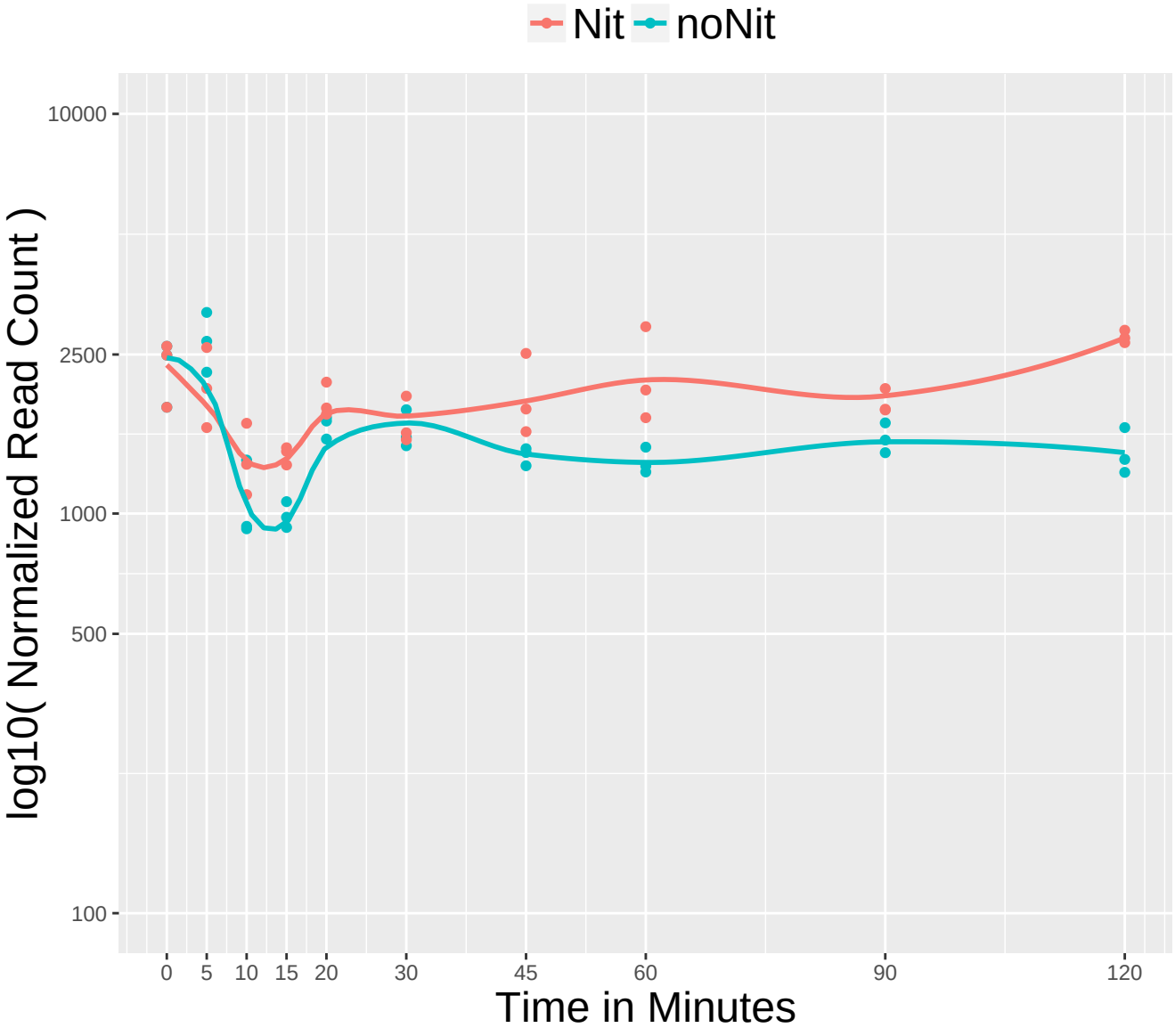
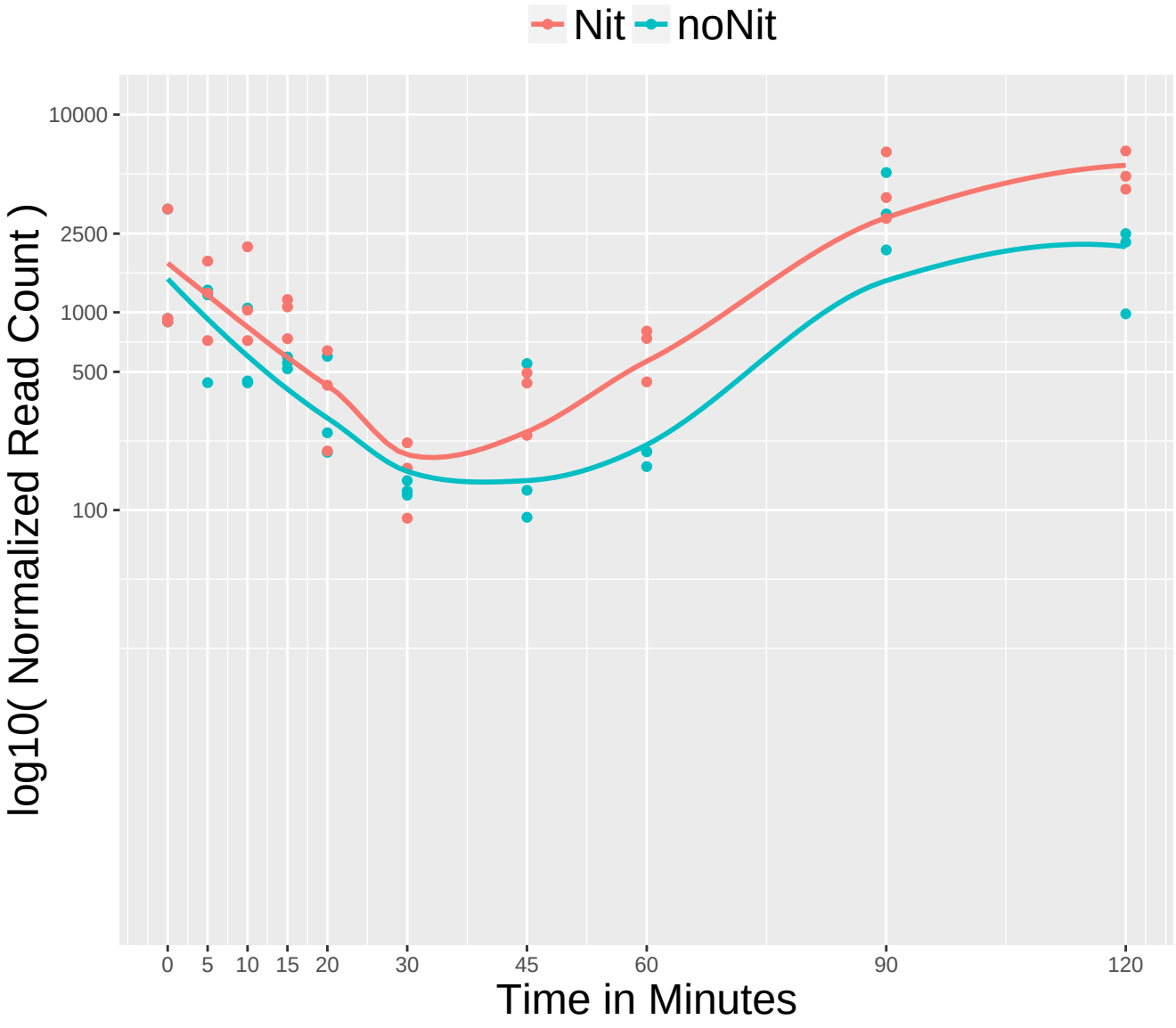
nucleolar



AT4G10270

Wound−responsive



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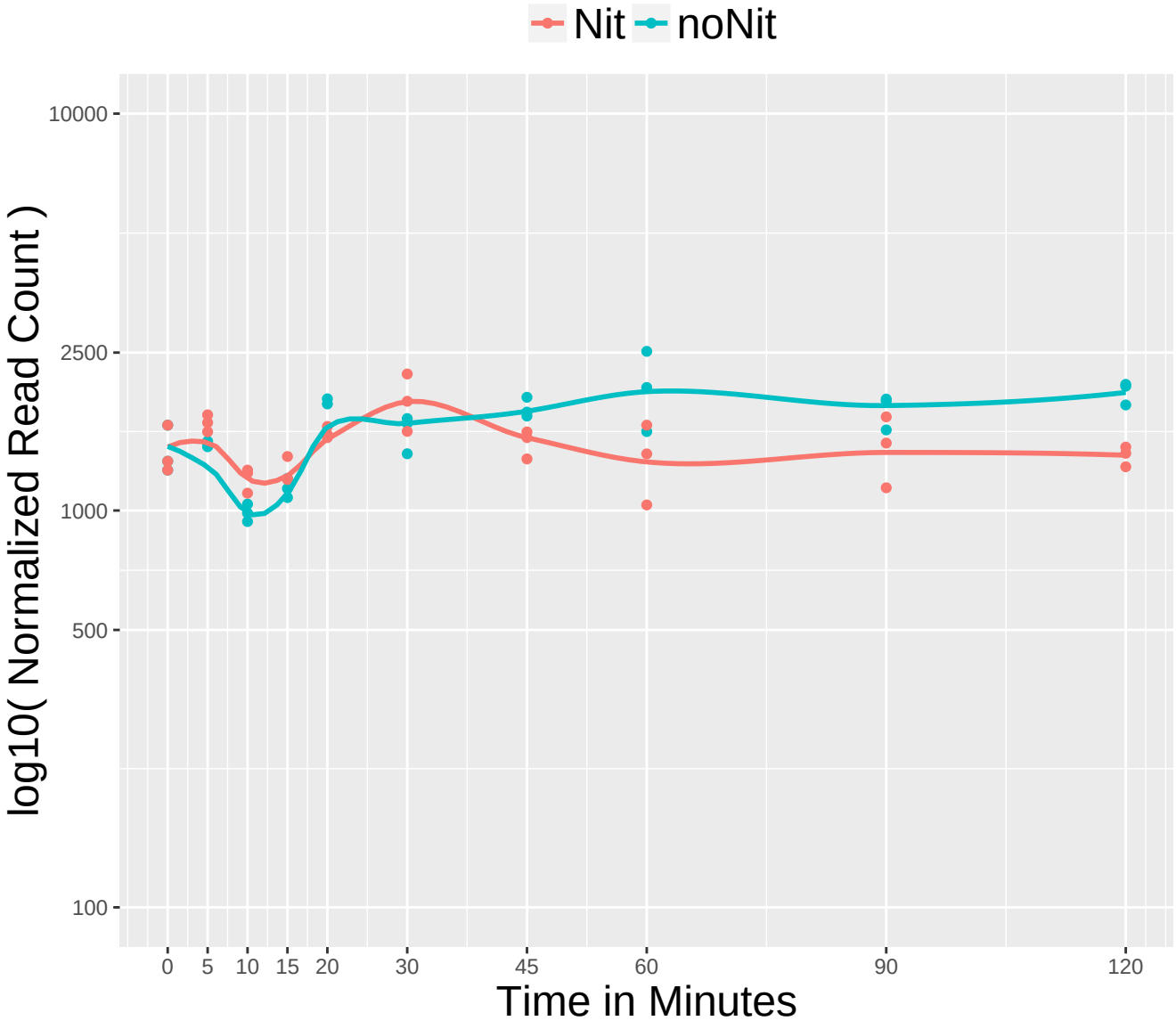
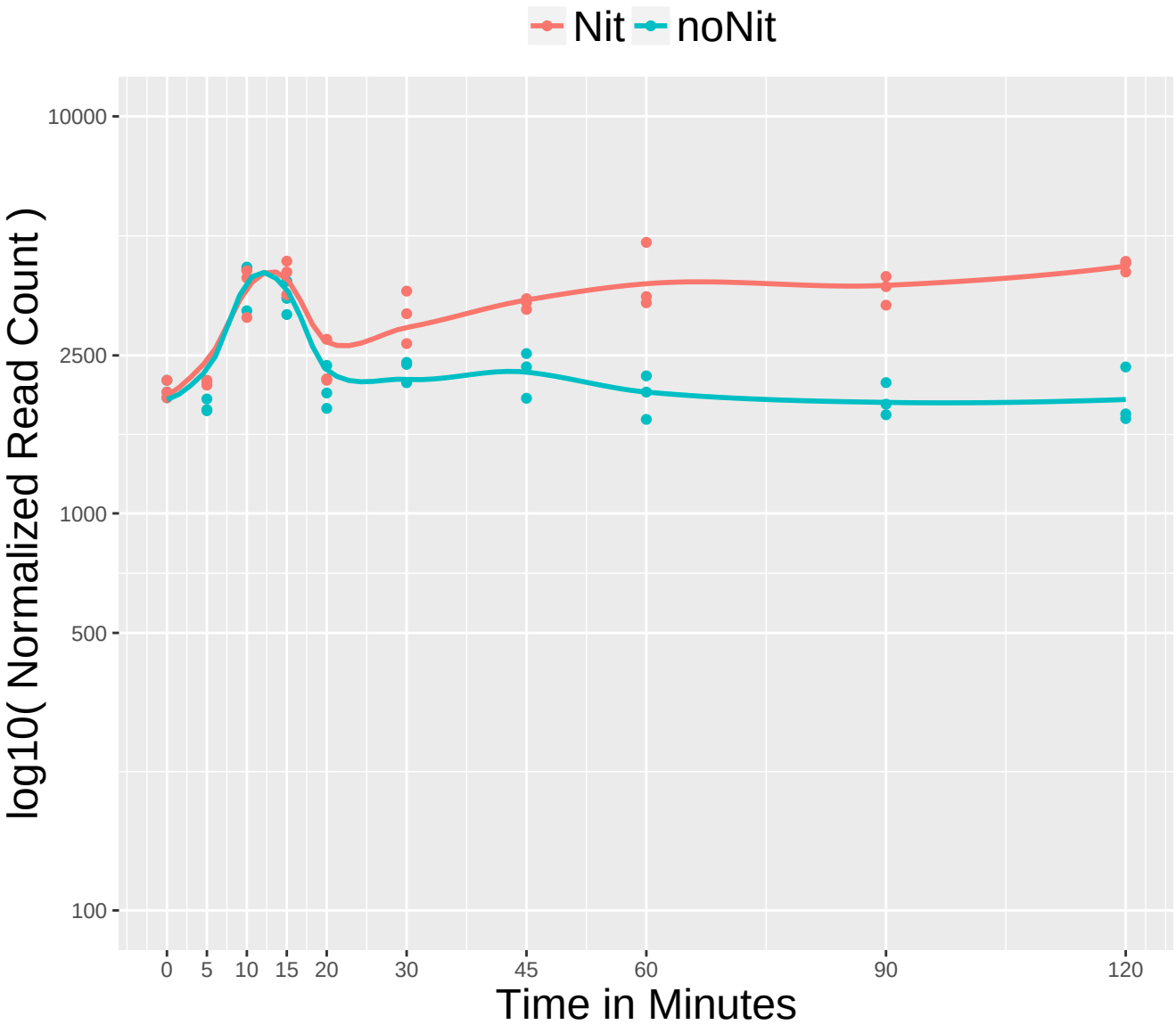
CBSX2,CBS



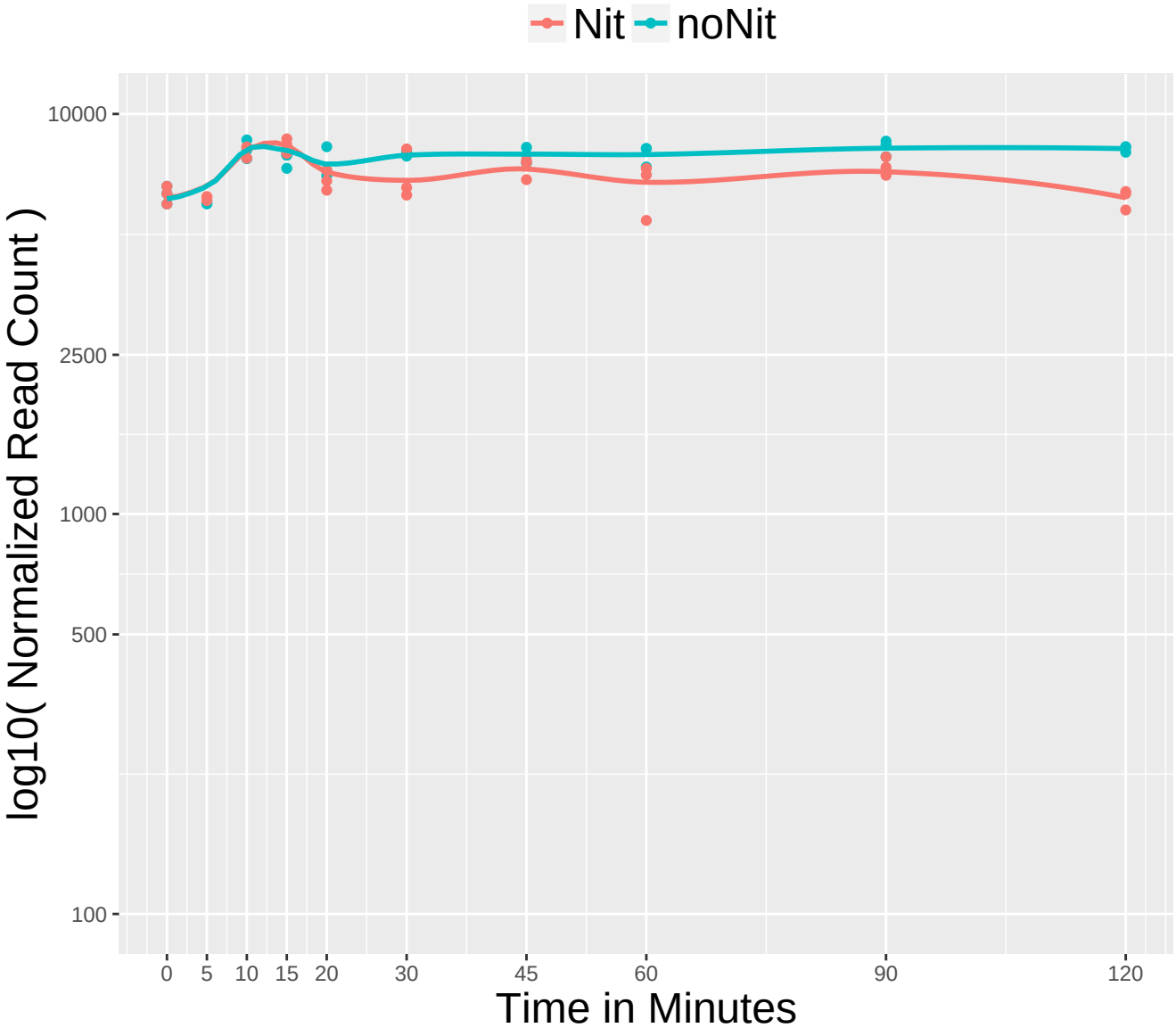
AT4G36020

AtCSP1,,CSDP1,cold



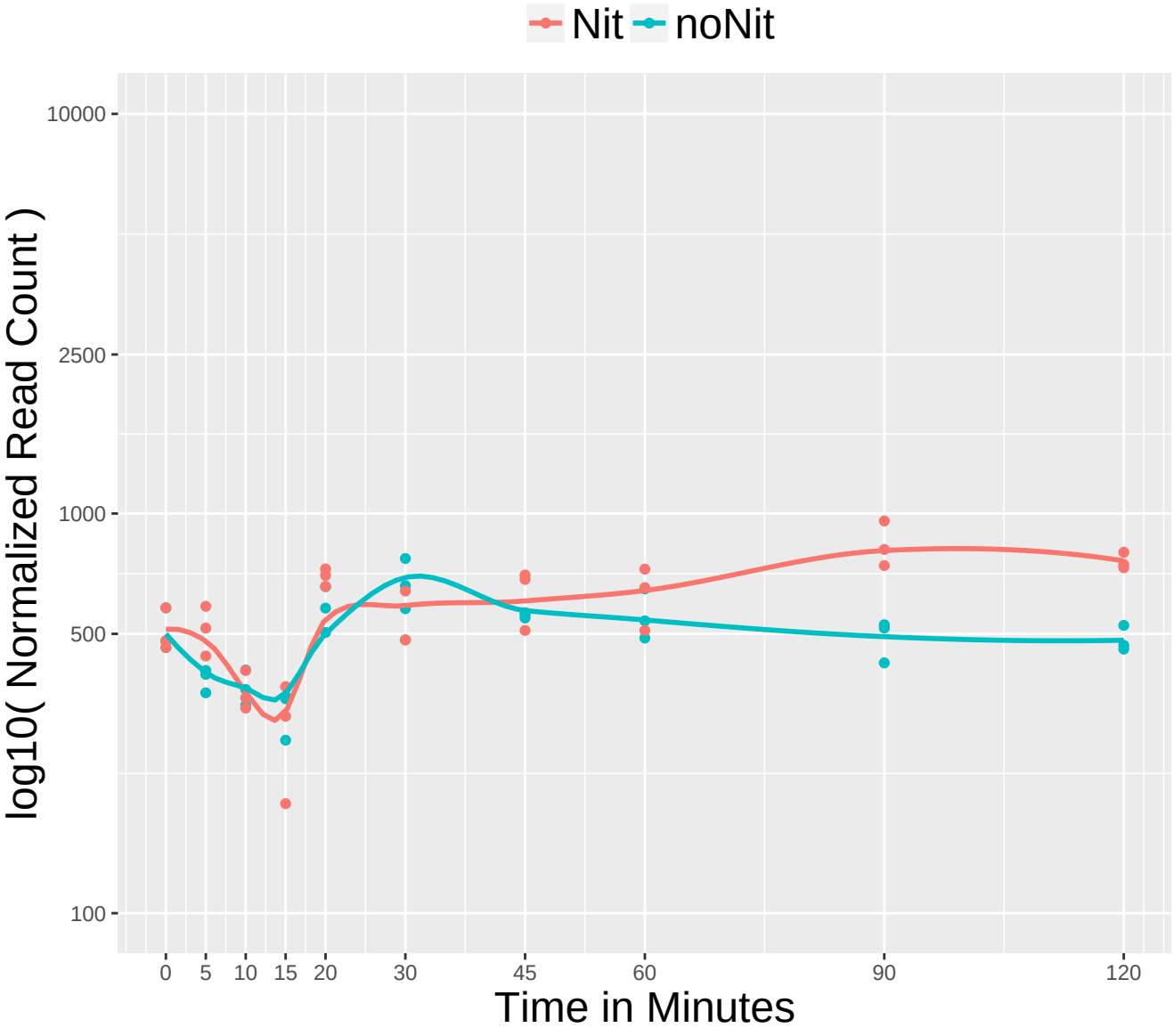
AT5G05010

clathrin



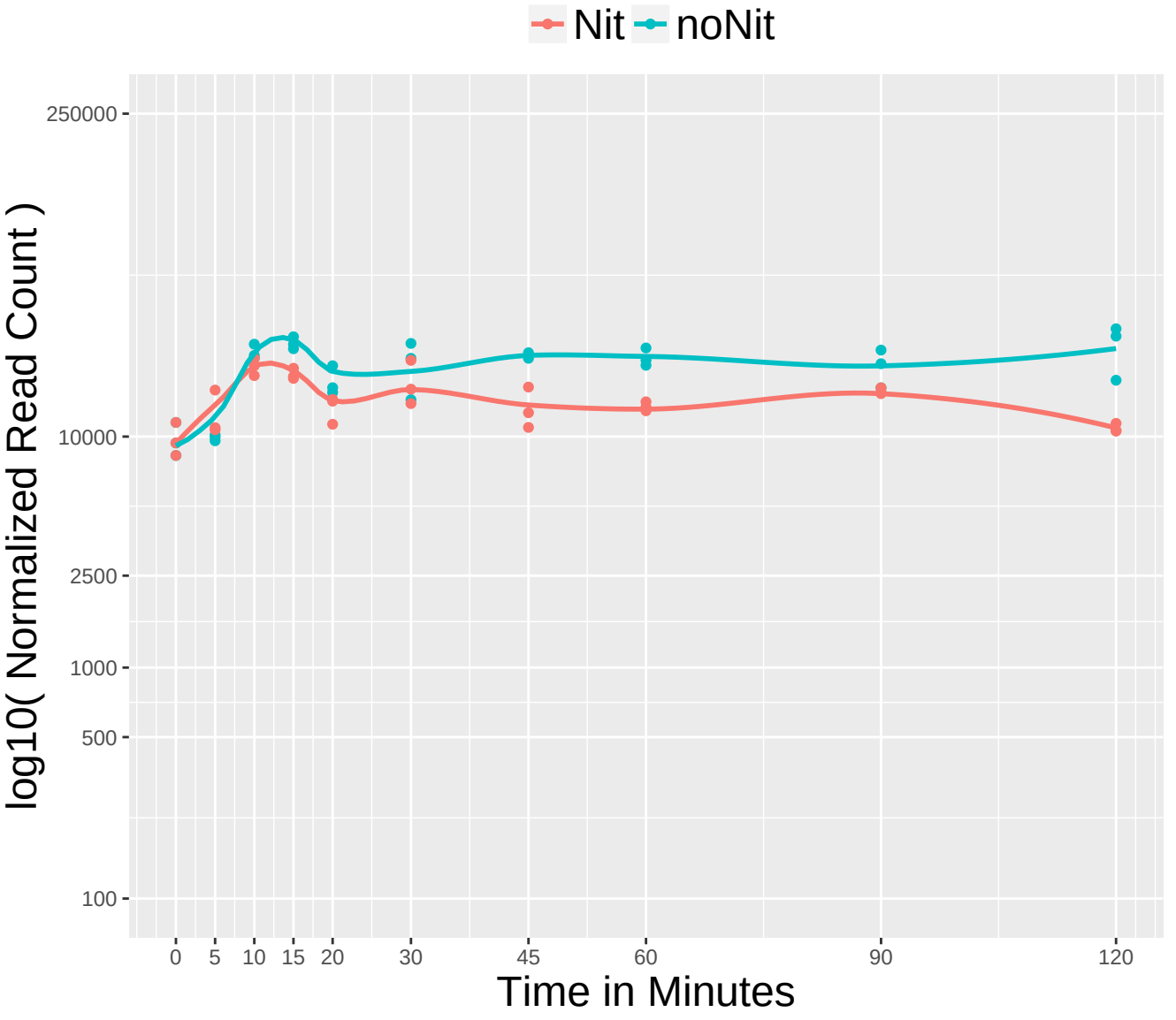
AT5G09840

Putative



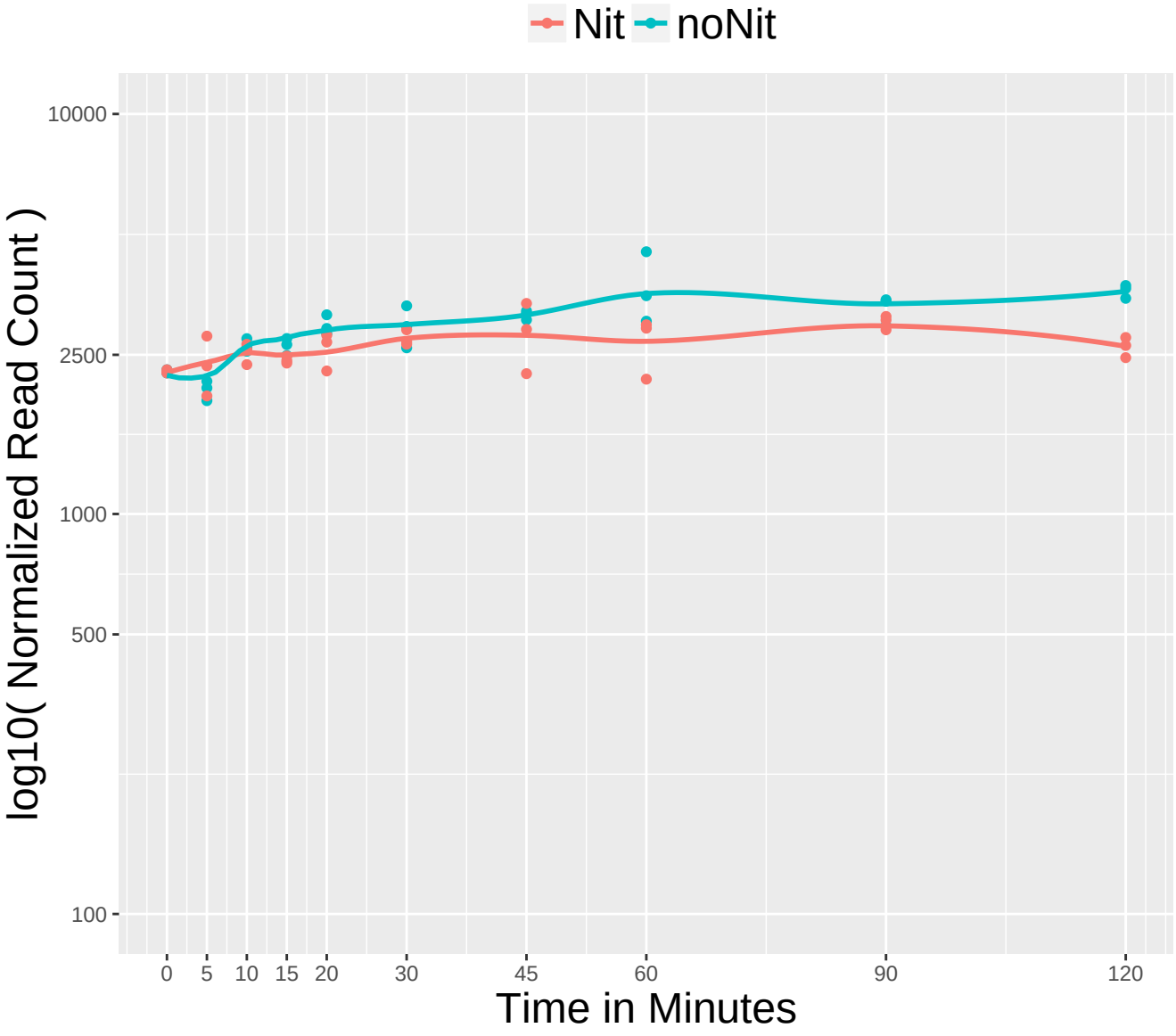
AT5G11670

ATNADP−ME2,Arabidopsis



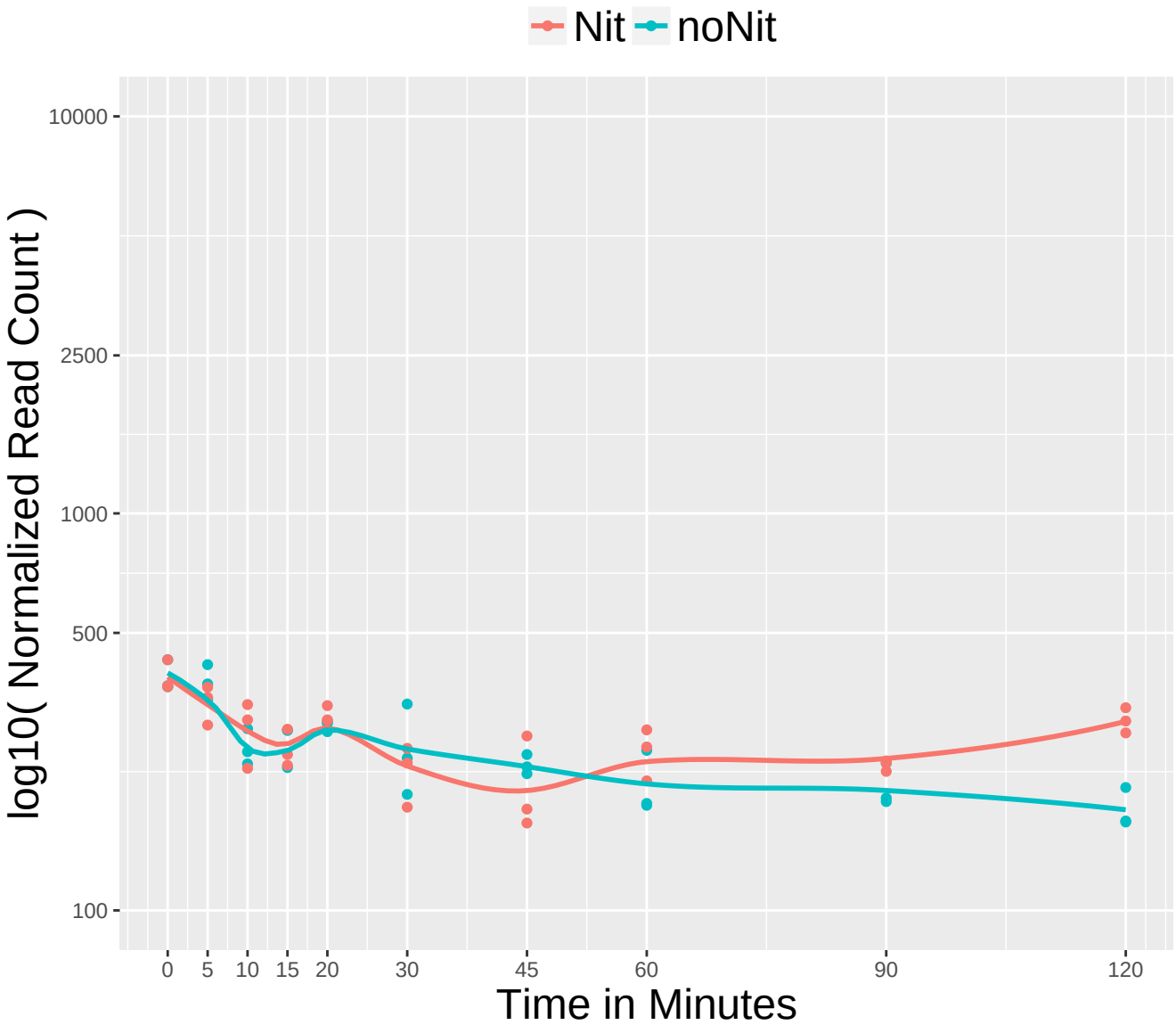
AT5G14720

Protein



AT5G17240

SDG40,SET



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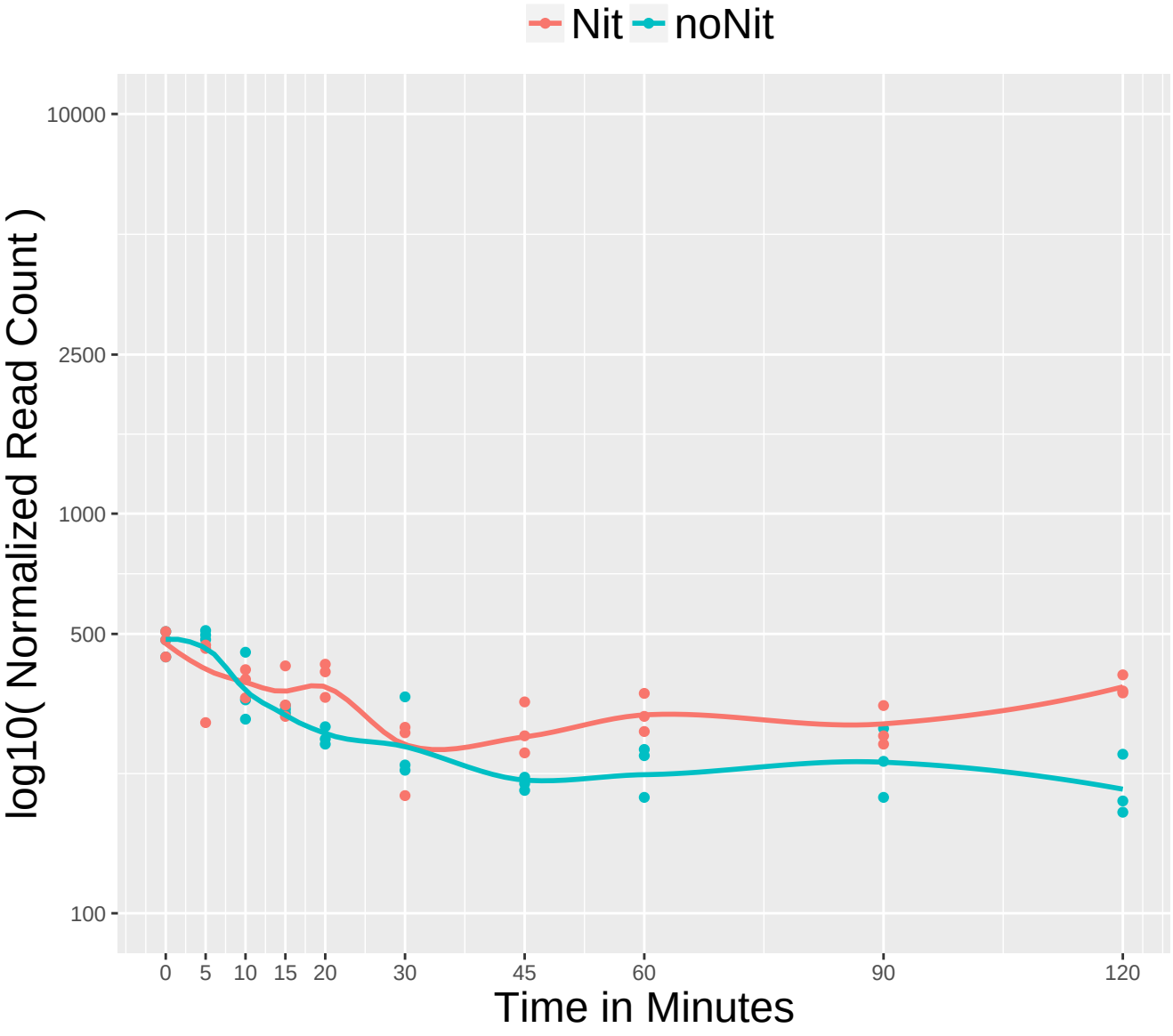
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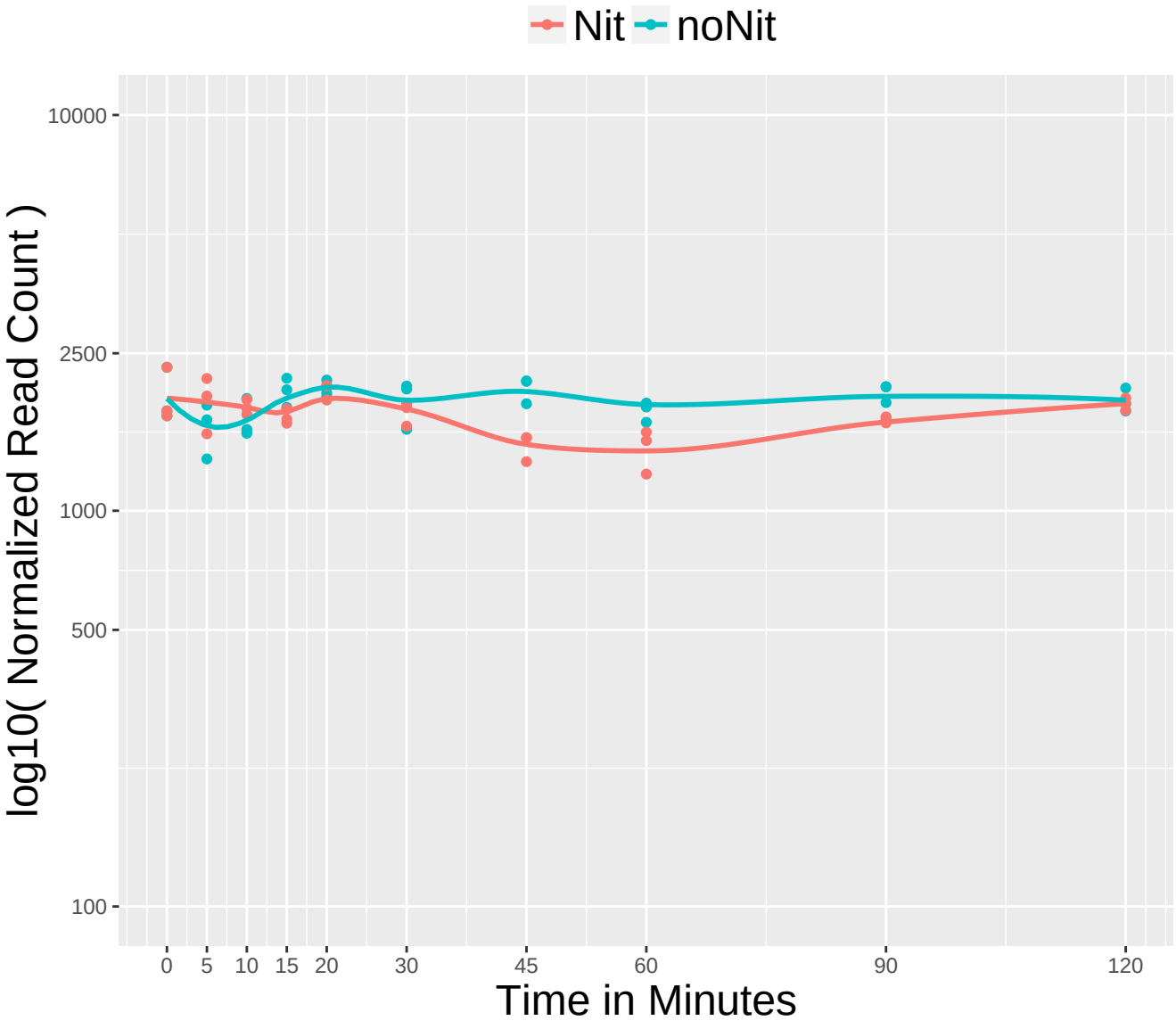
60
90
120
Time in Minutes

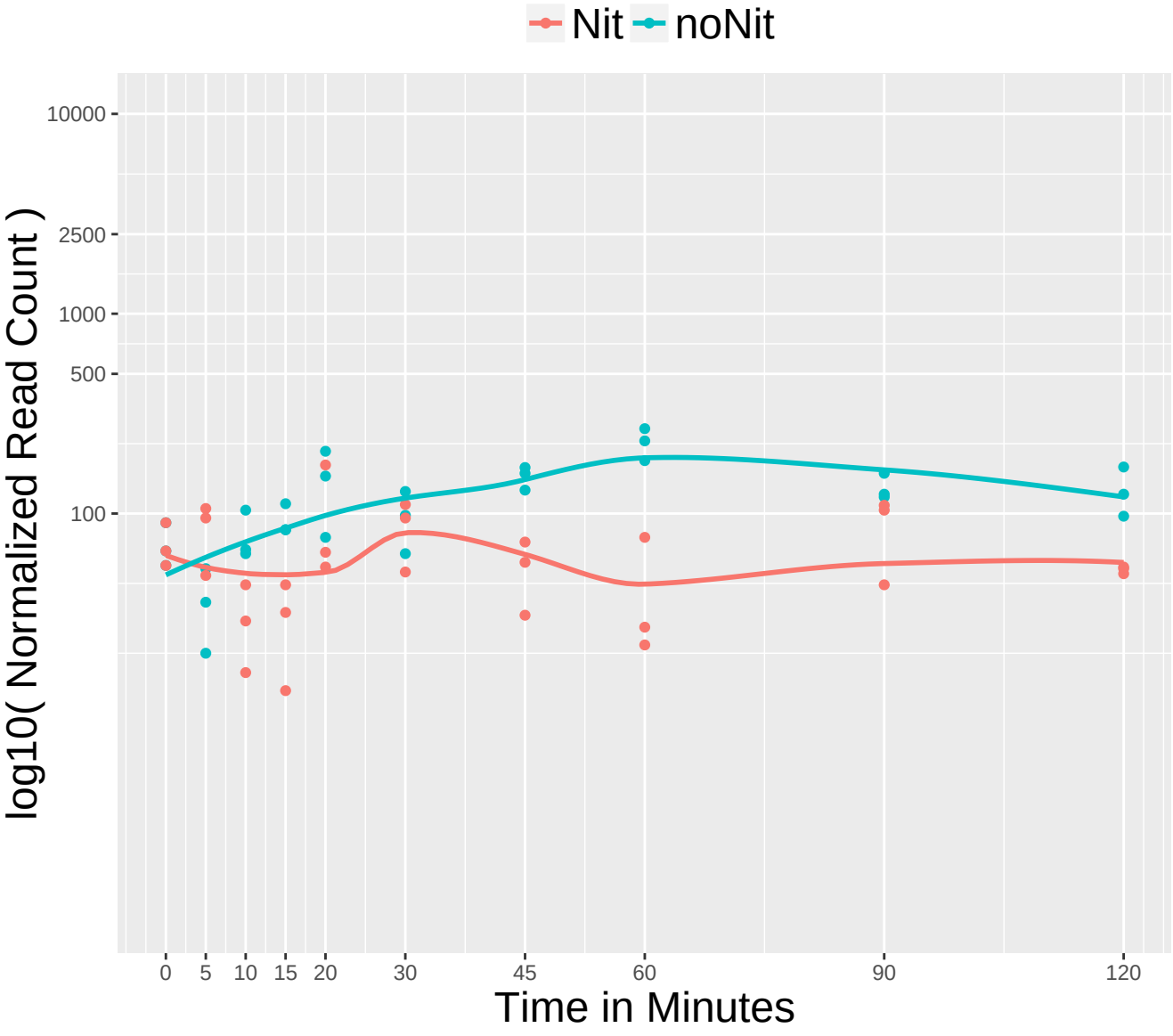
AT5G22850

Eukaryotic



AT5G39030

Protein



AT5G62260

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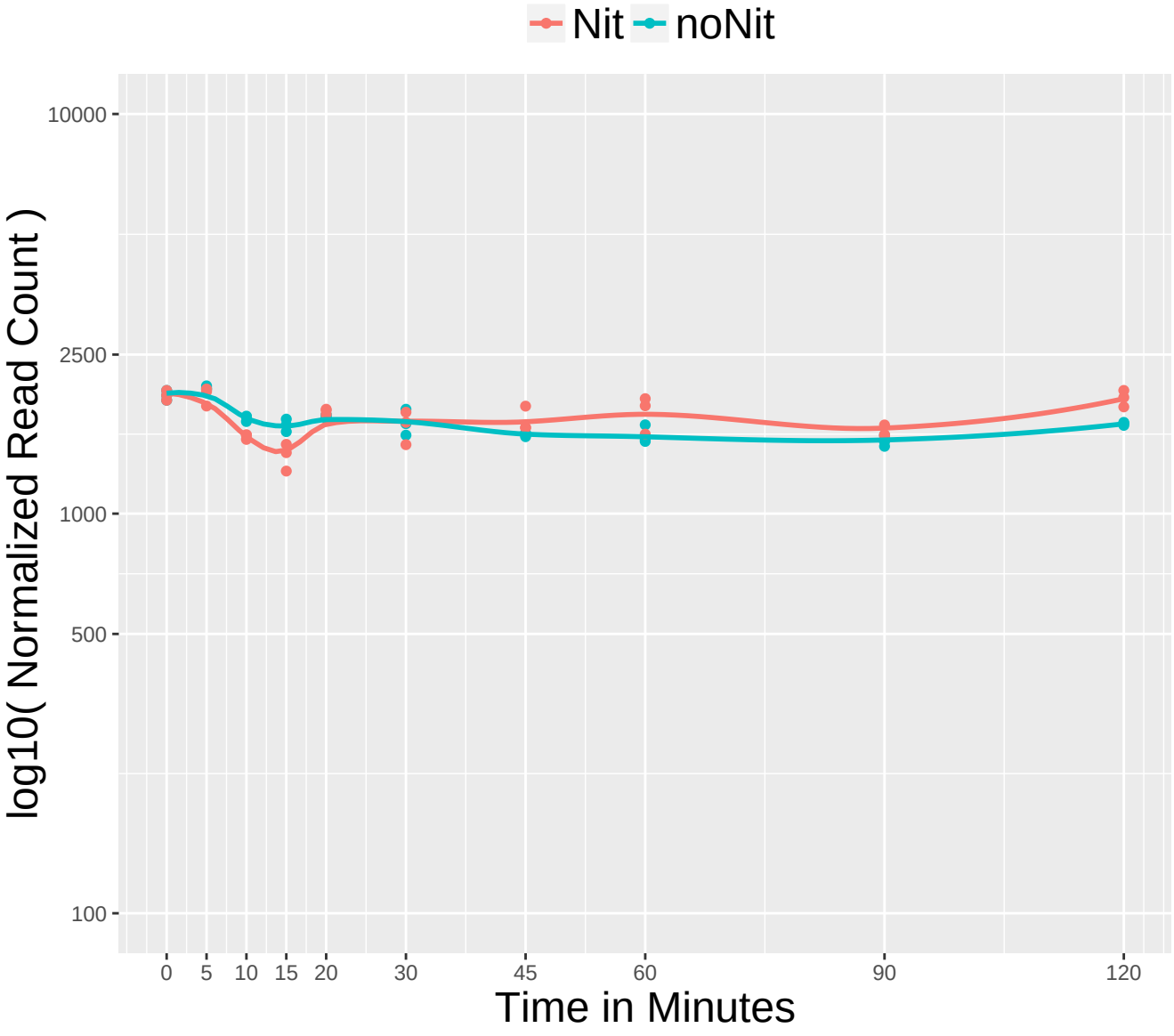
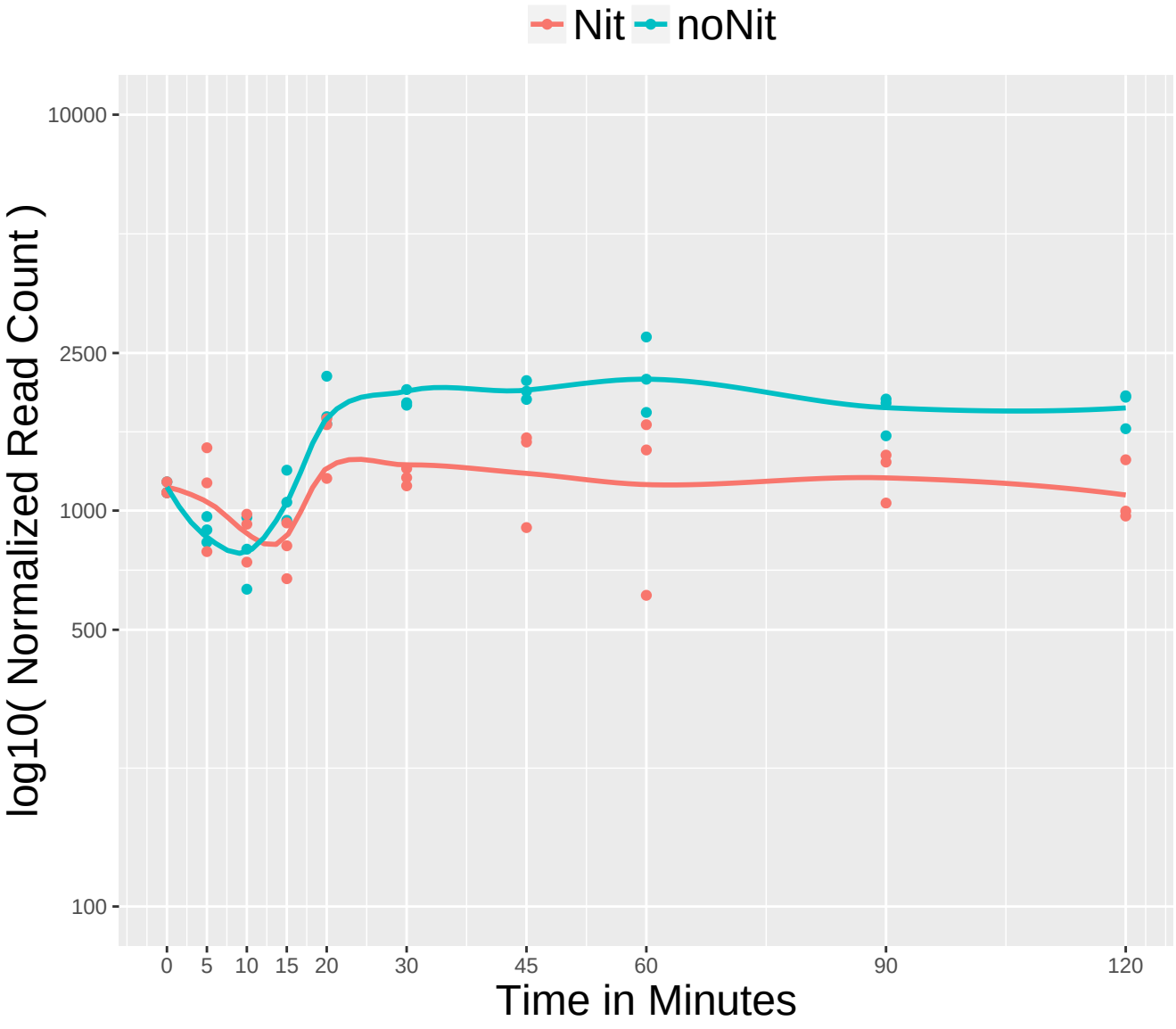


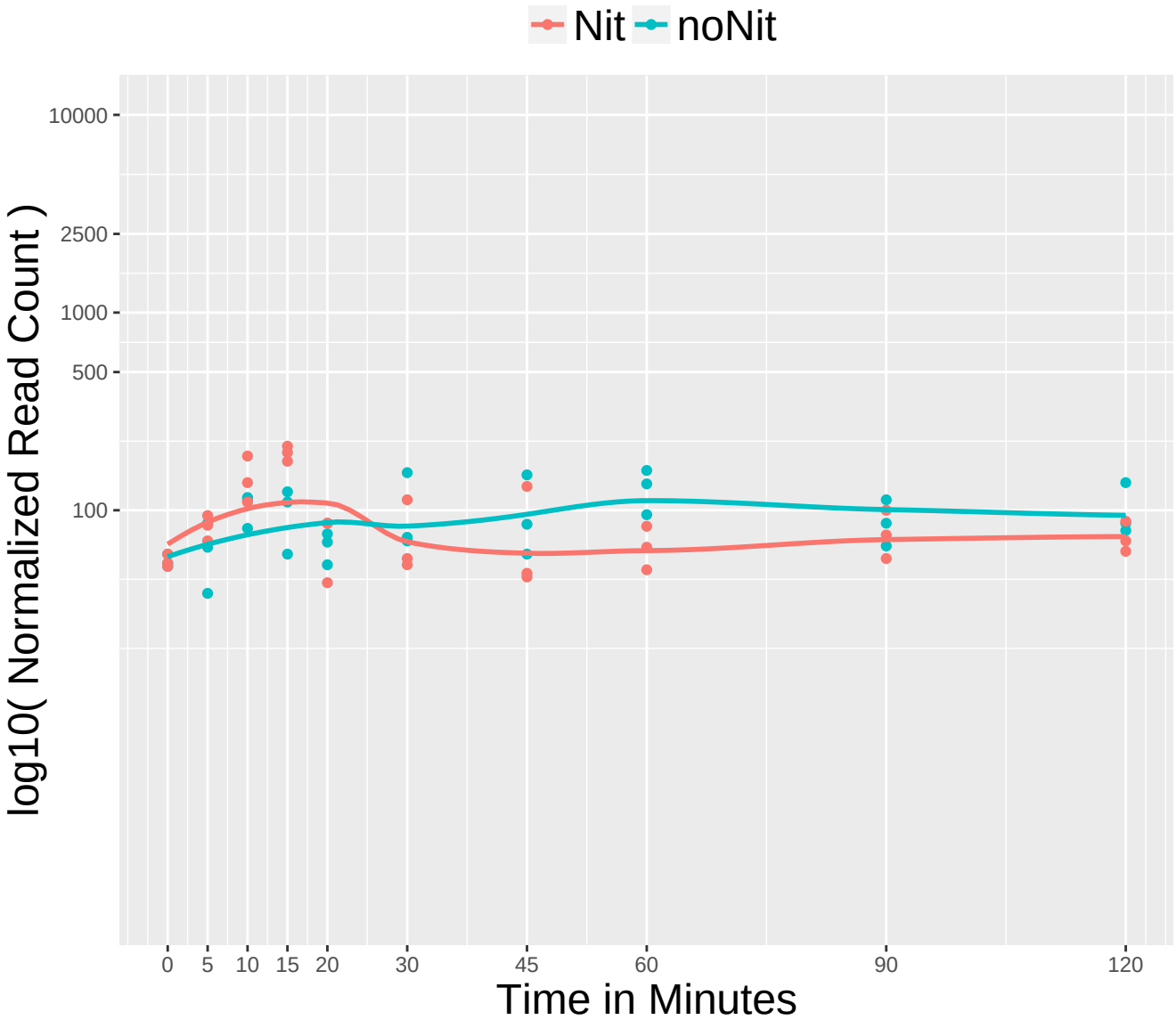
AT1G53300

TTL1,tetratricopeptide−repeat



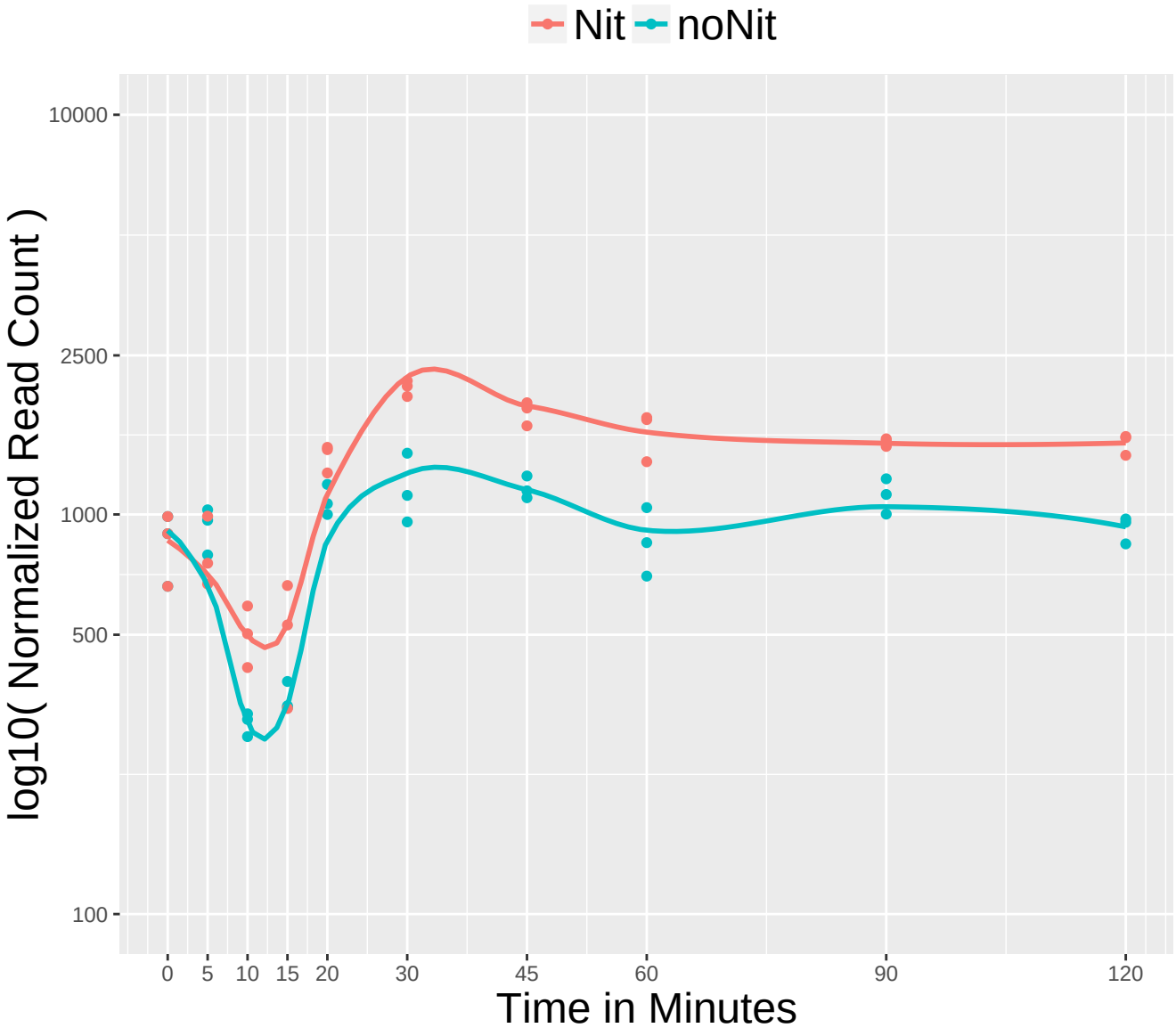
AT1G54780

AtTLP18.3,,TLP18.3,thylakoid



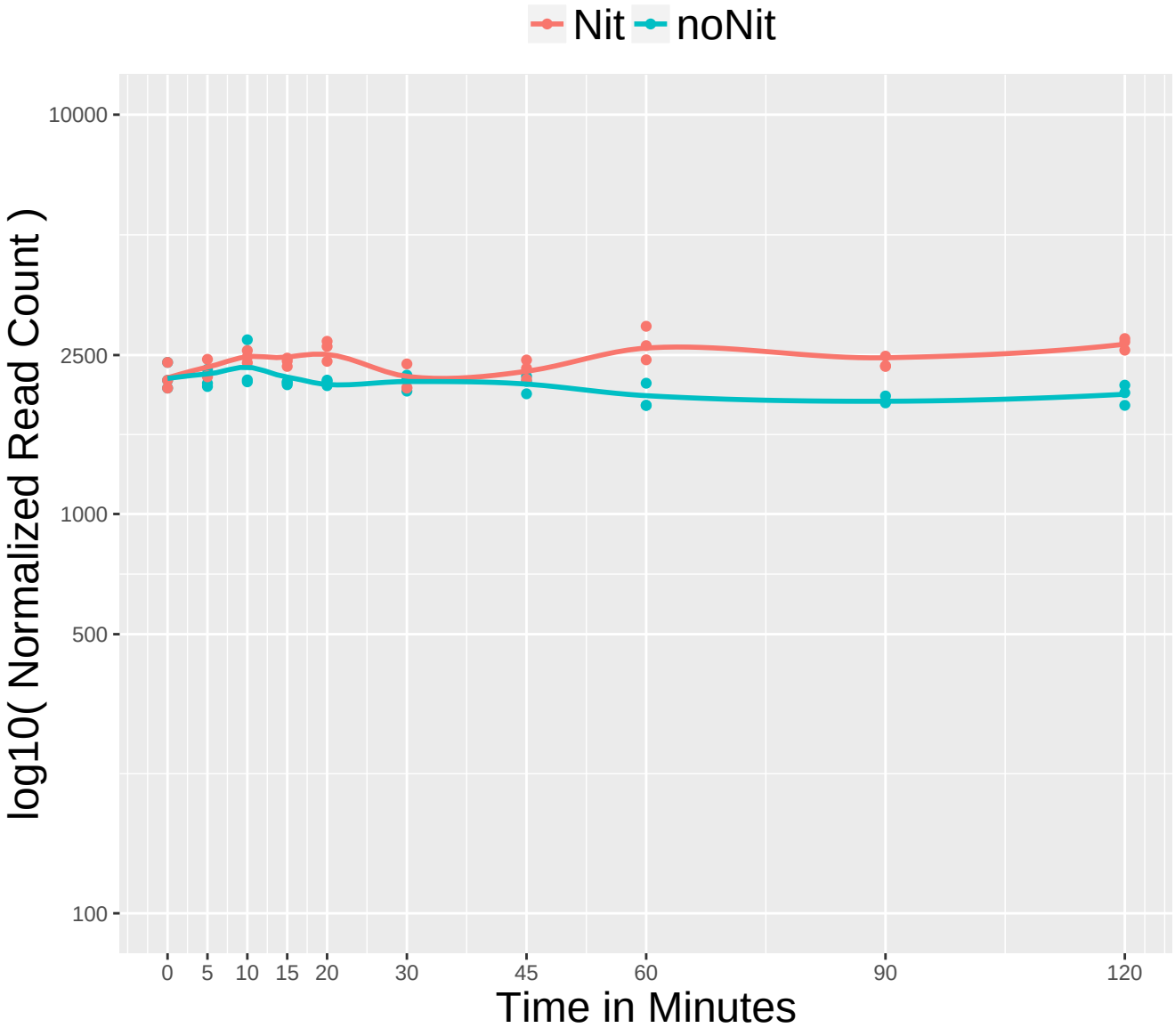
AT1G69580

Homeodomain−like



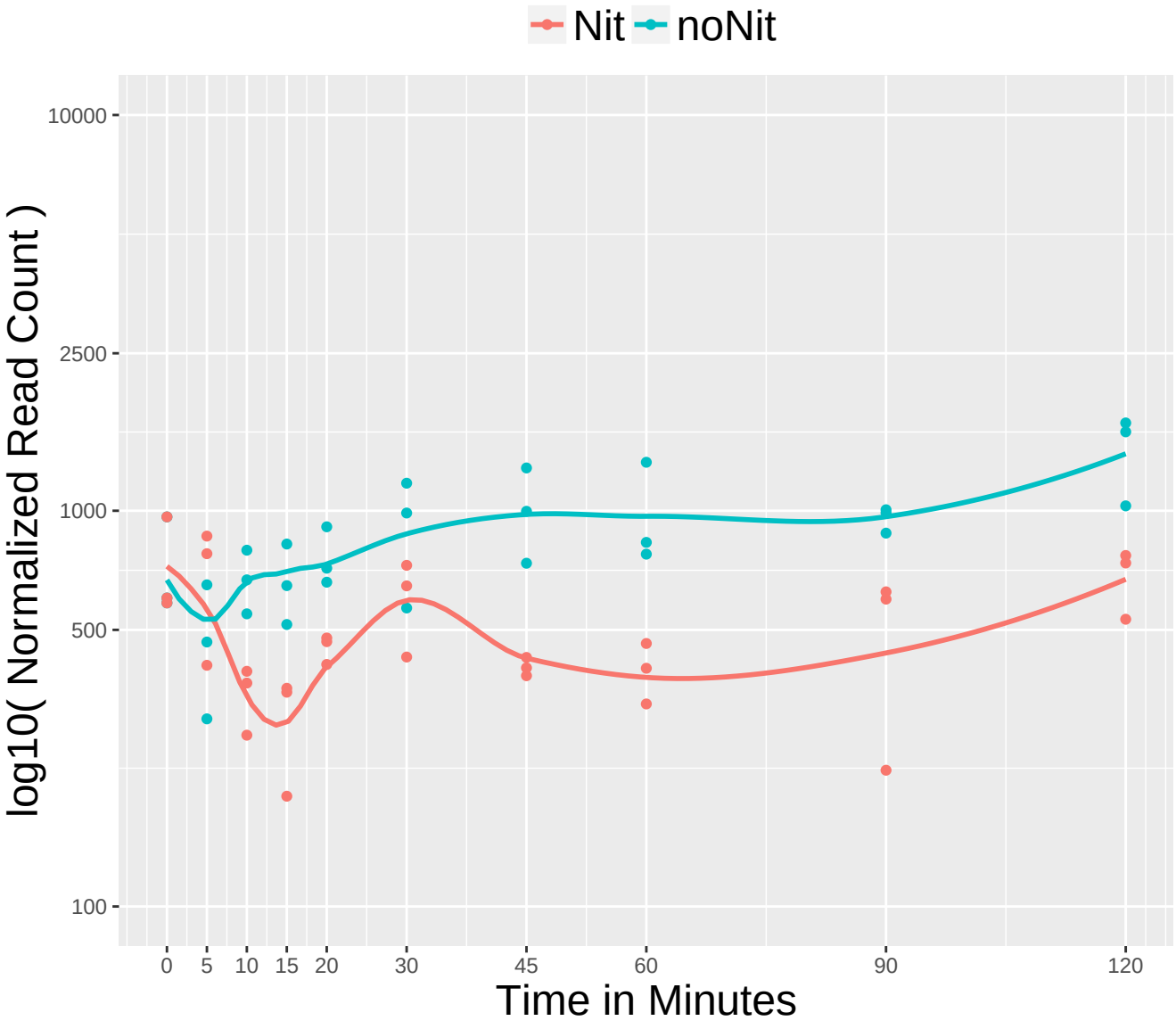
AT1G71840

transducin



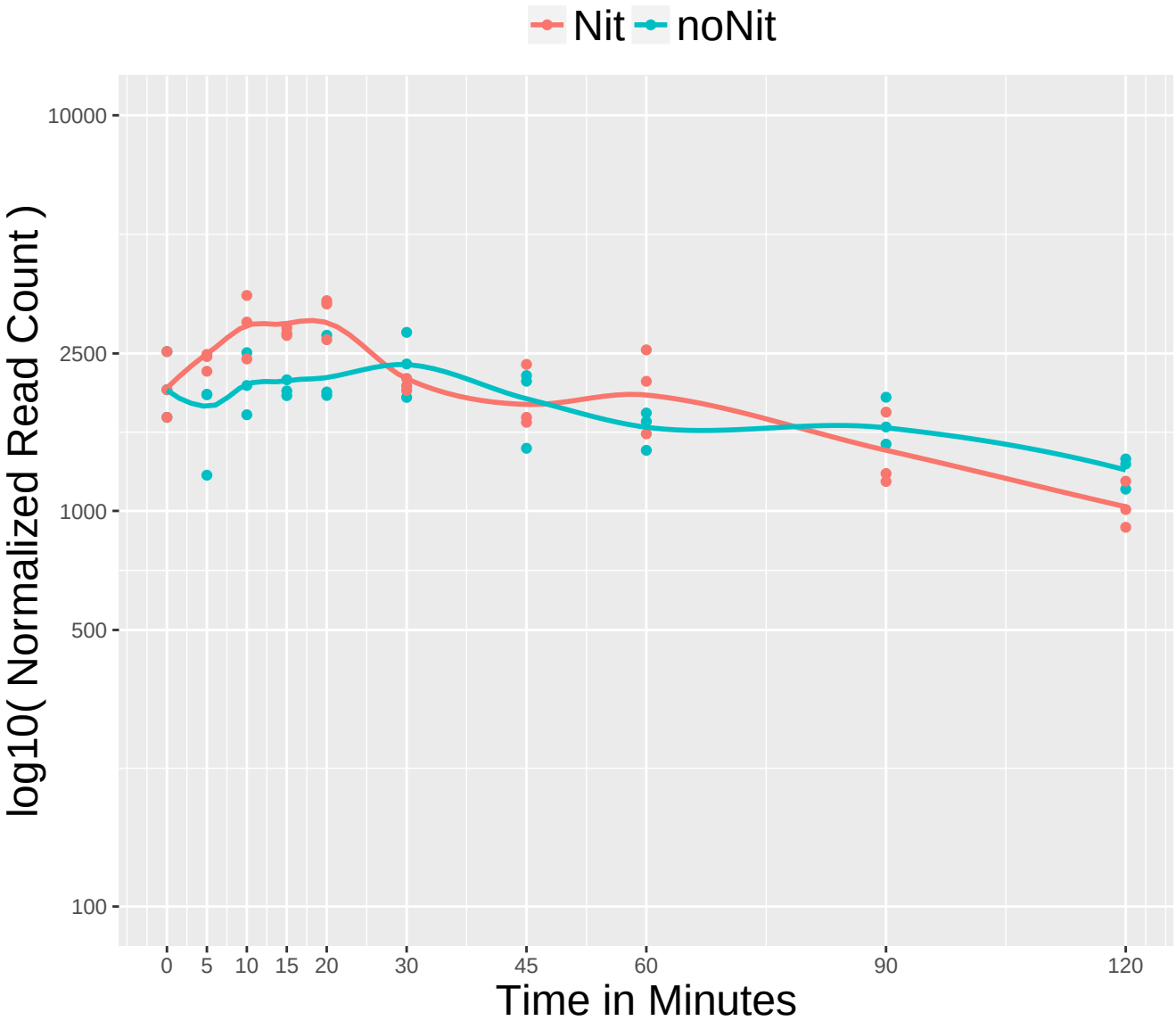
AT1G77530

O−methyltransferase



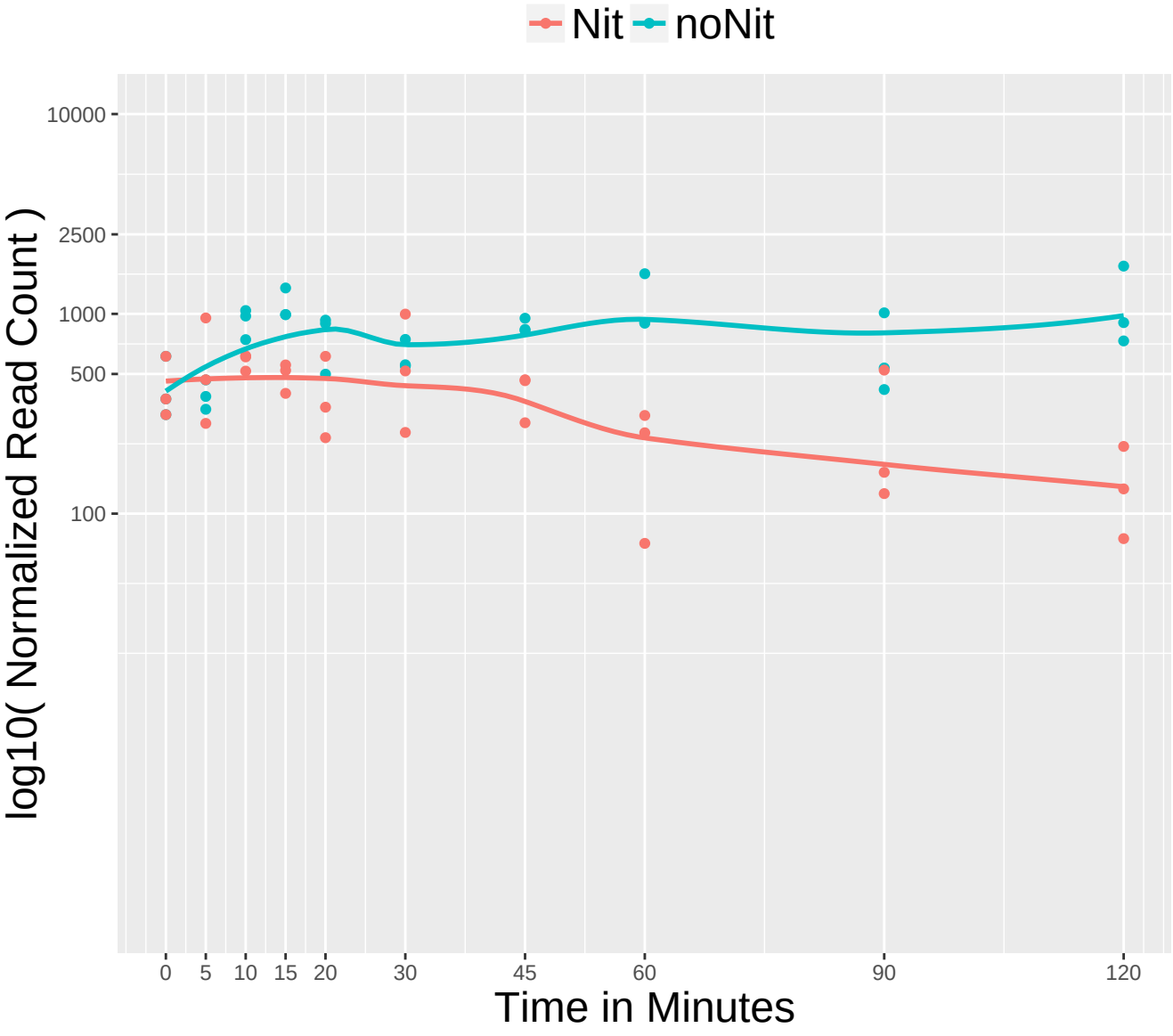
AT2G17280

Phosphoglycerate



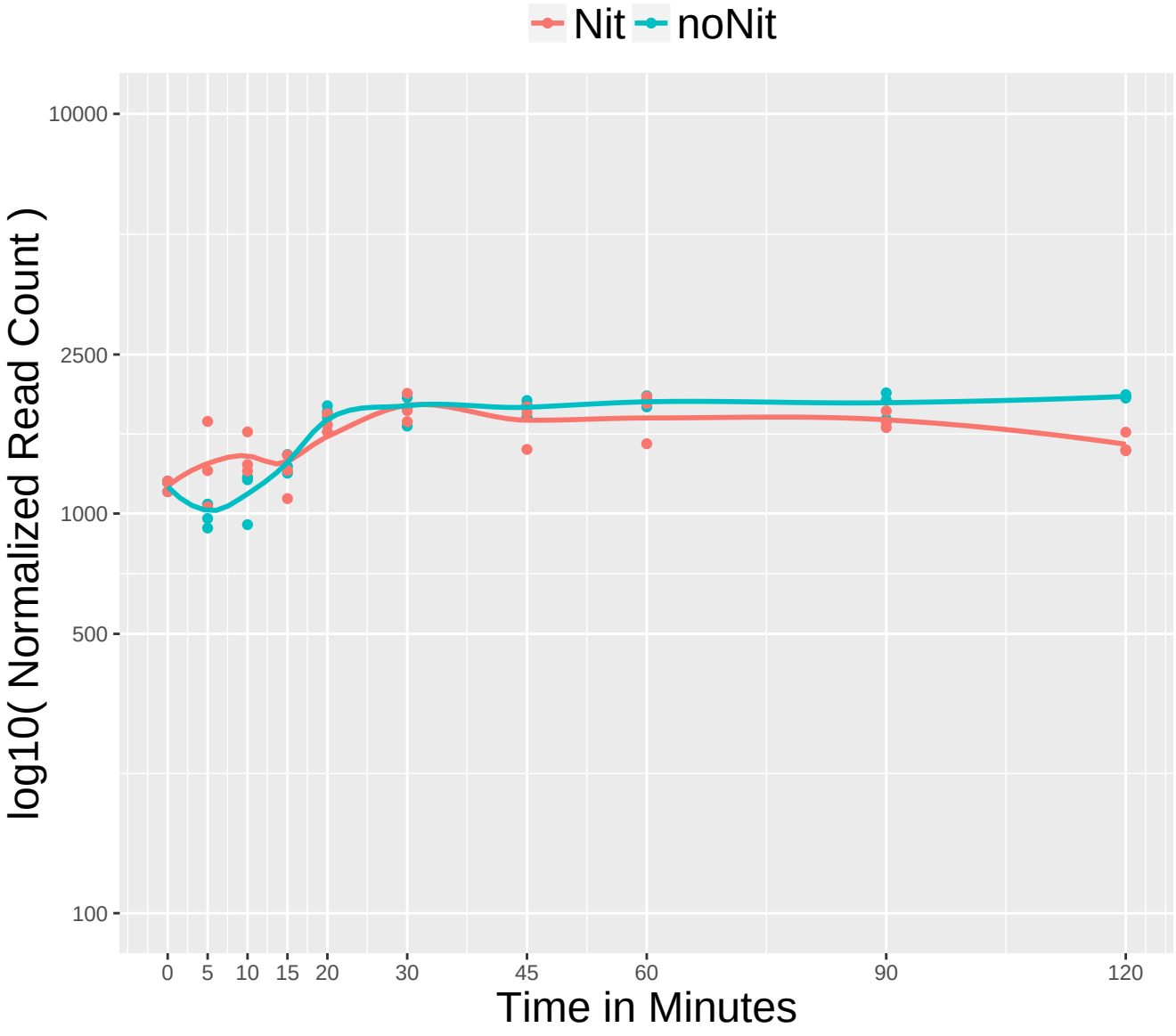
AT2G29220

Concanavalin



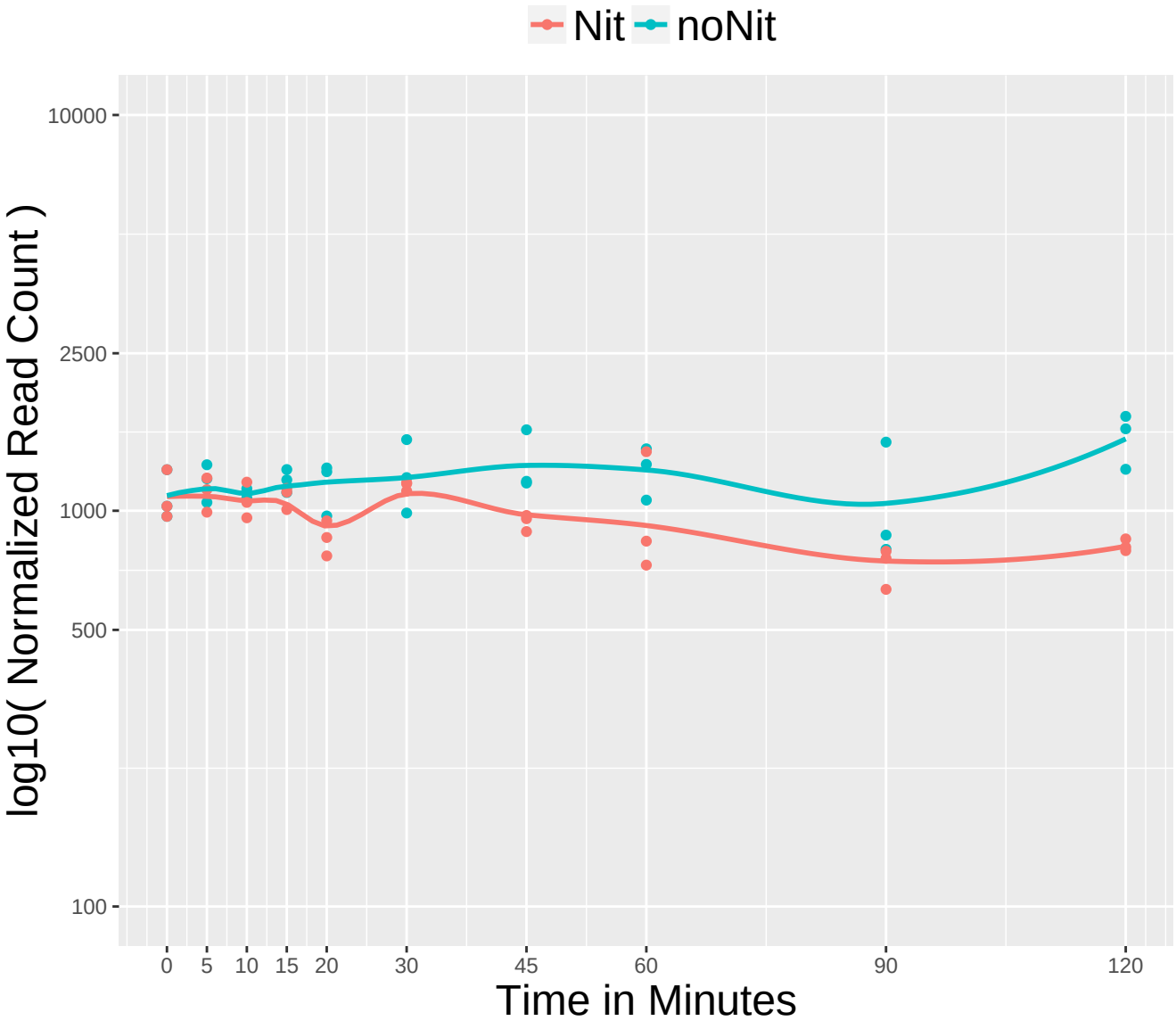
AT2G31370

Basic−leucine



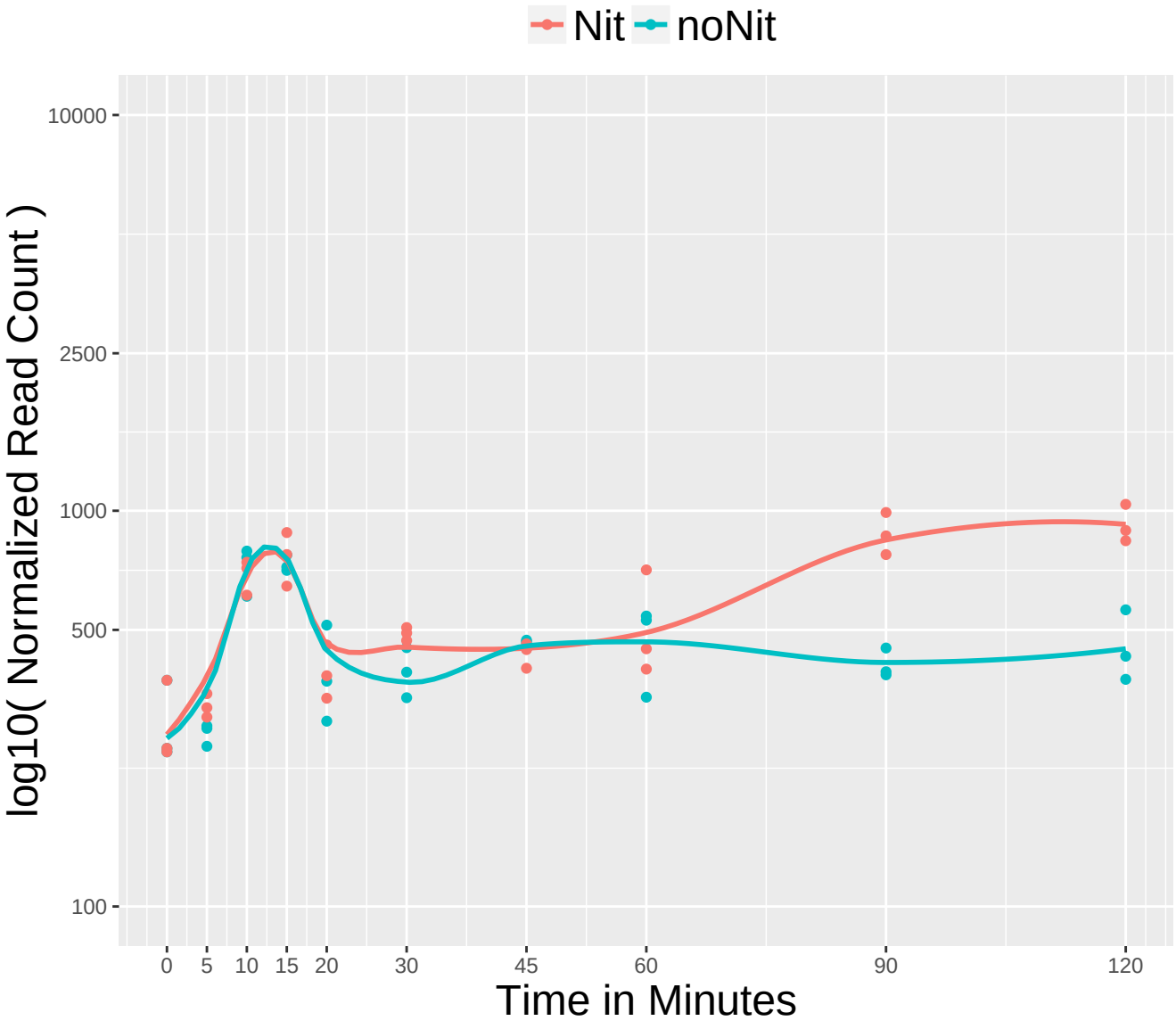
AT2G35390

Phosphoribosyltransferase



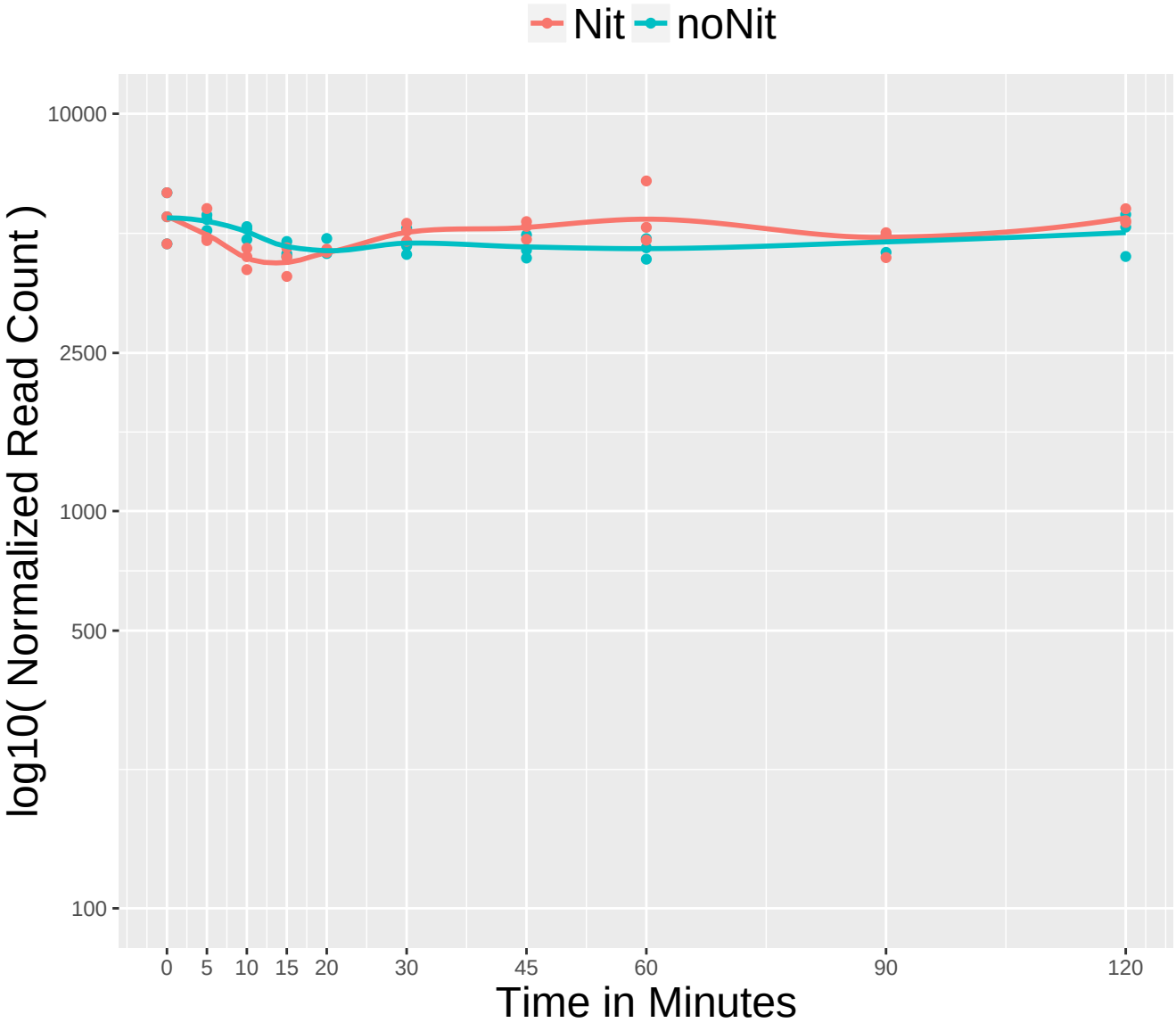
AT3G46690

UDP−Glycosyltransferase



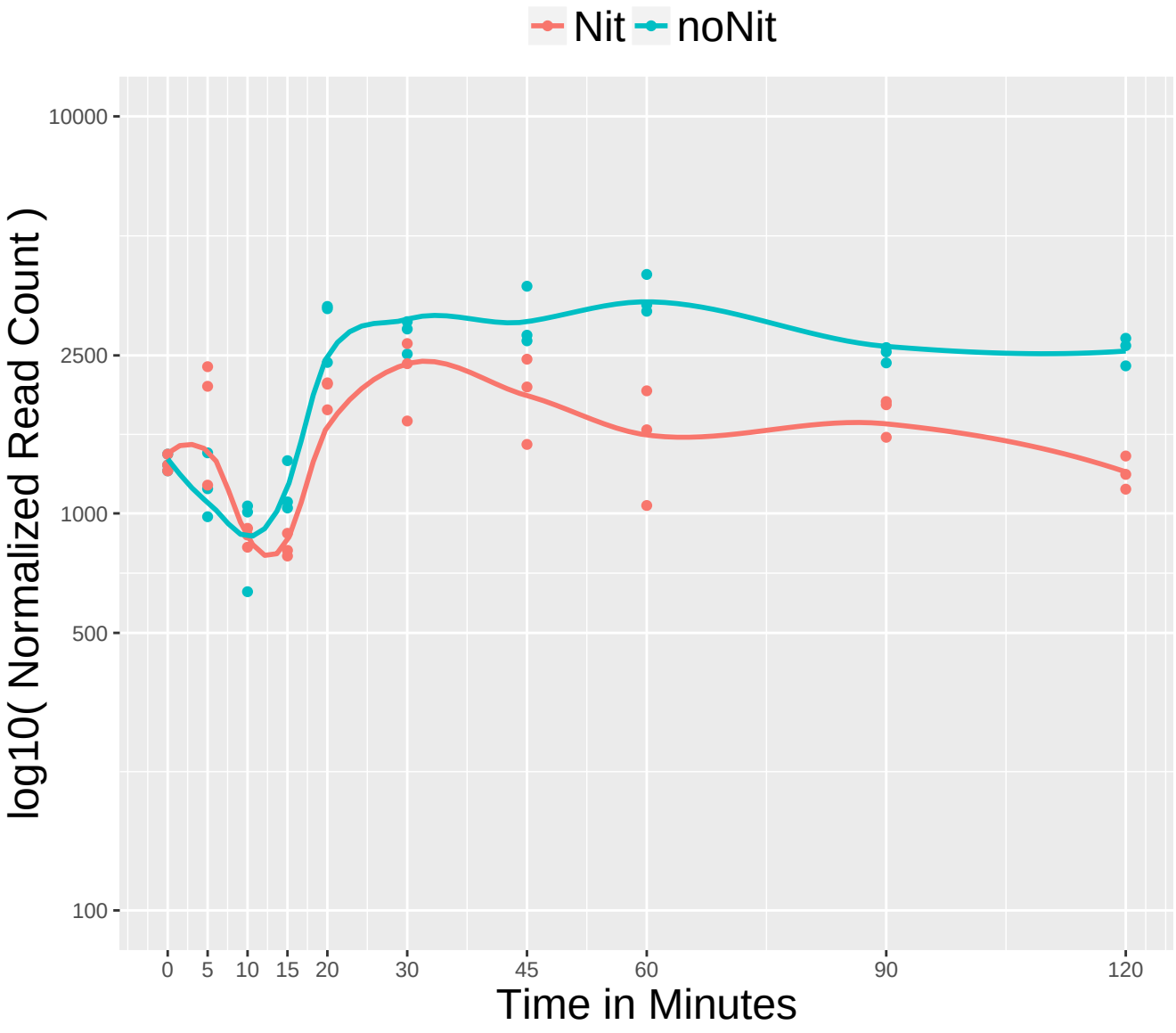
AT3G51260

PAD1,20S



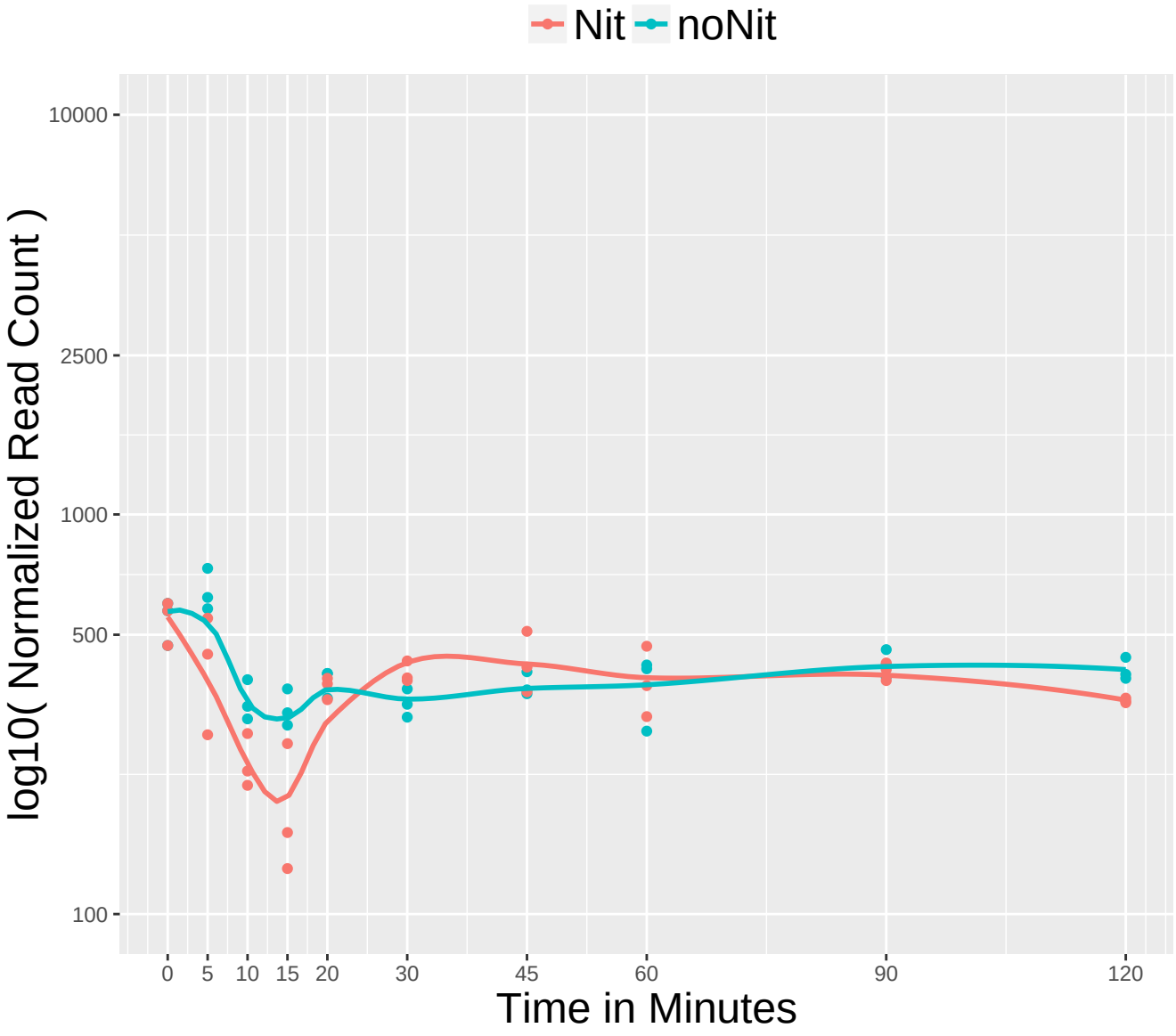
AT3G62270

BOR2,REQUIRES



AT4G20720

dentin



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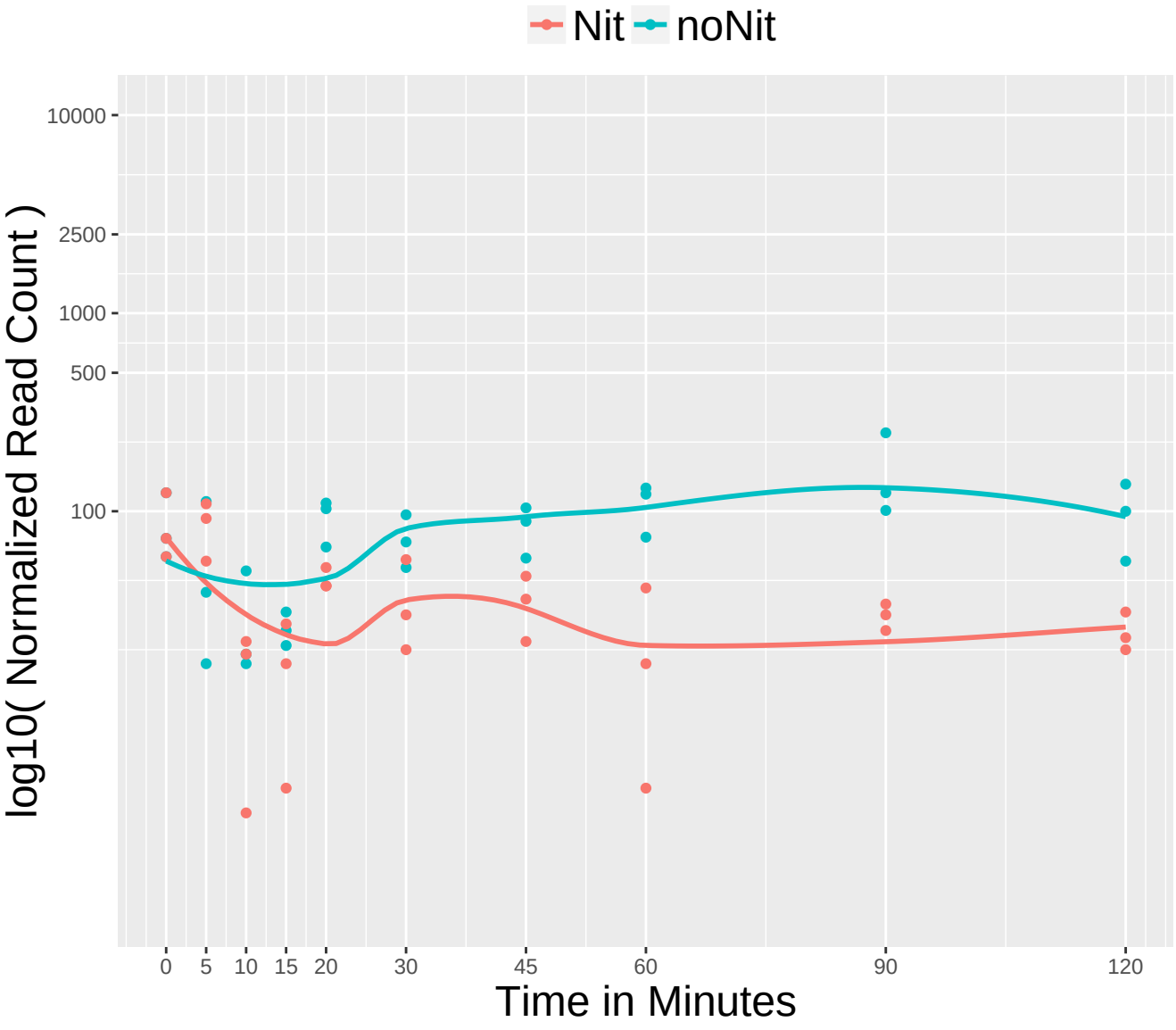
CRK5,cysteine−rich



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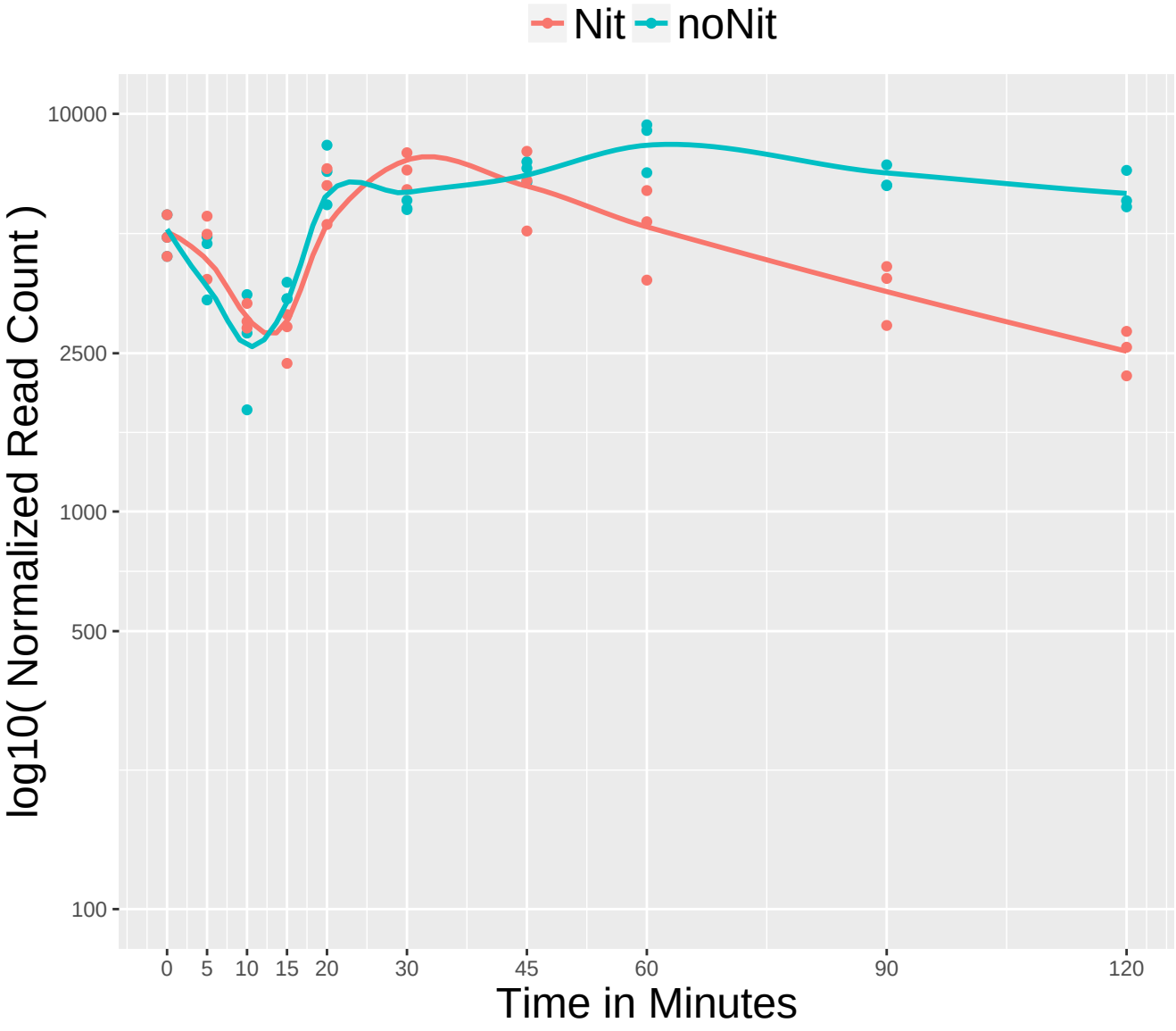
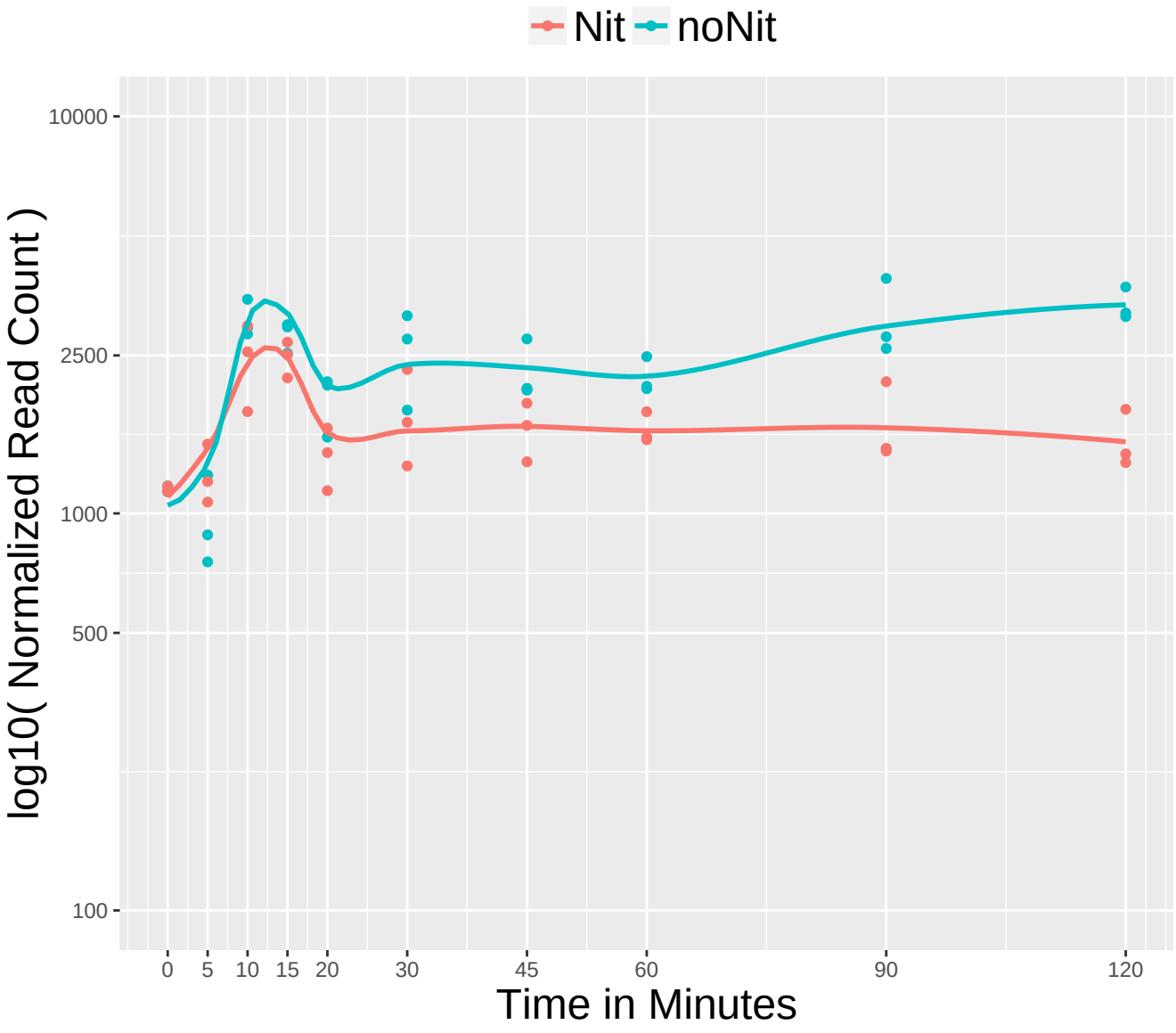
NLP2,NIN−like



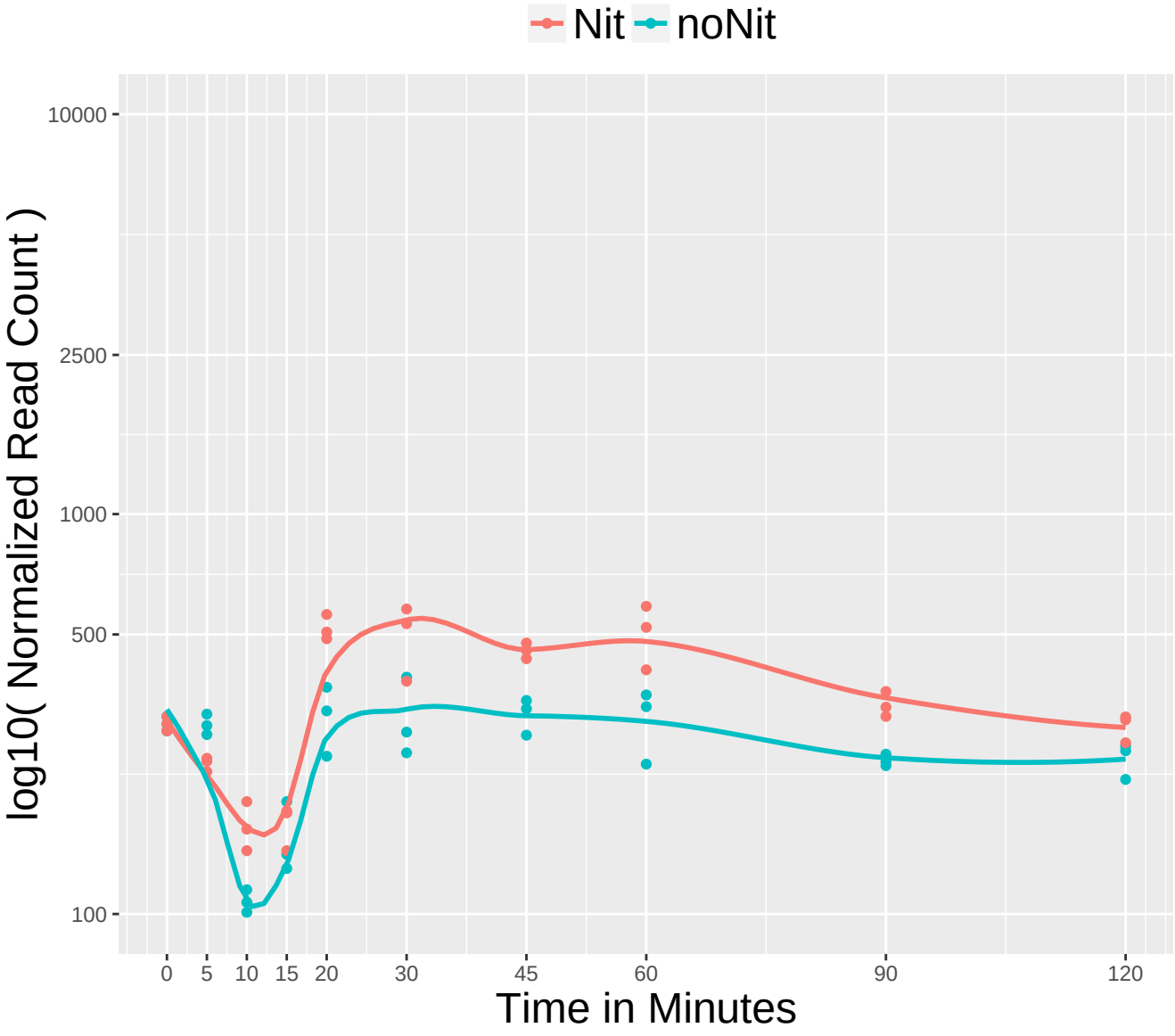
AT4G39800

ATIPS1,INOSITOL



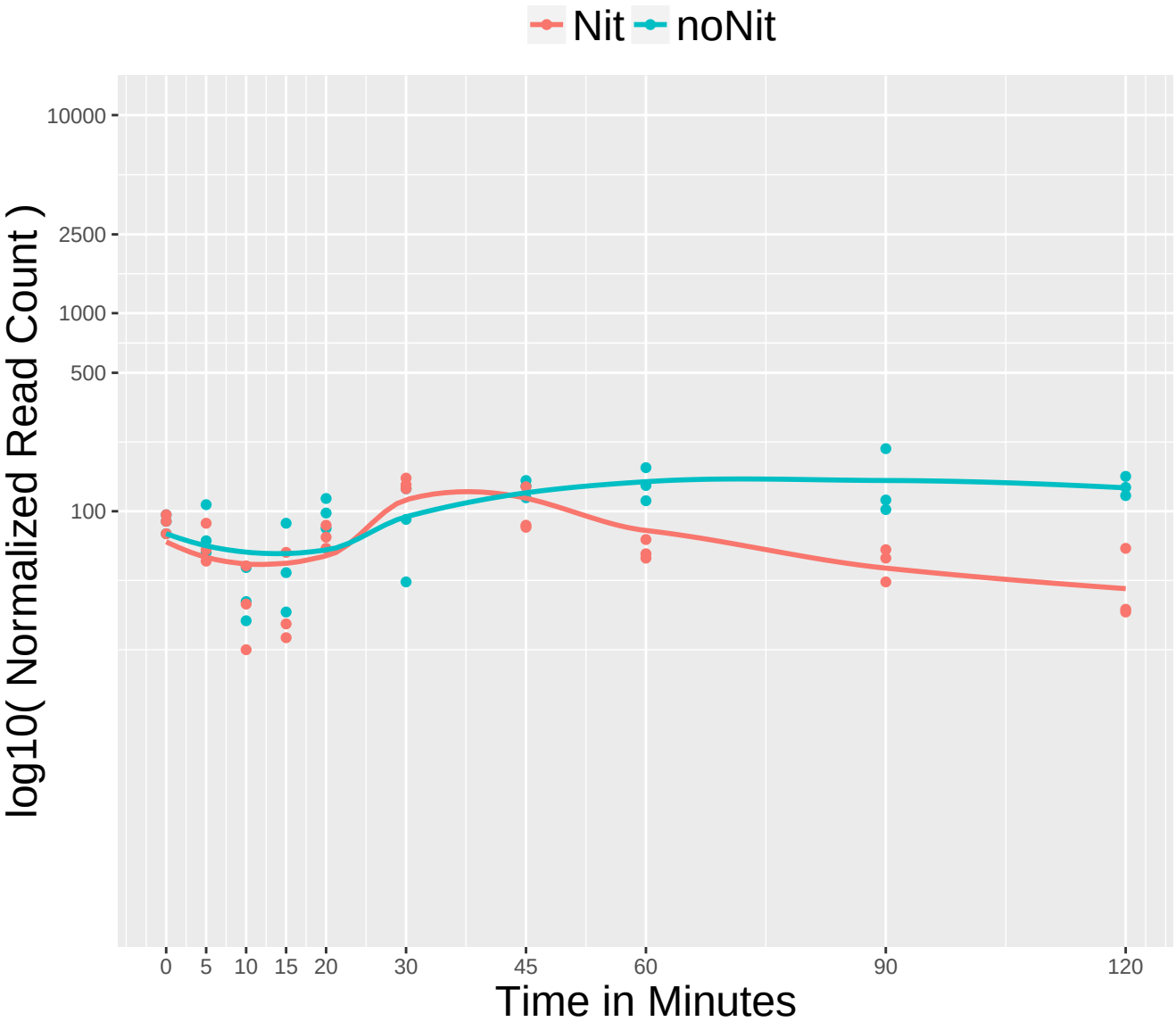
AT5G17370

Transducin/WD40



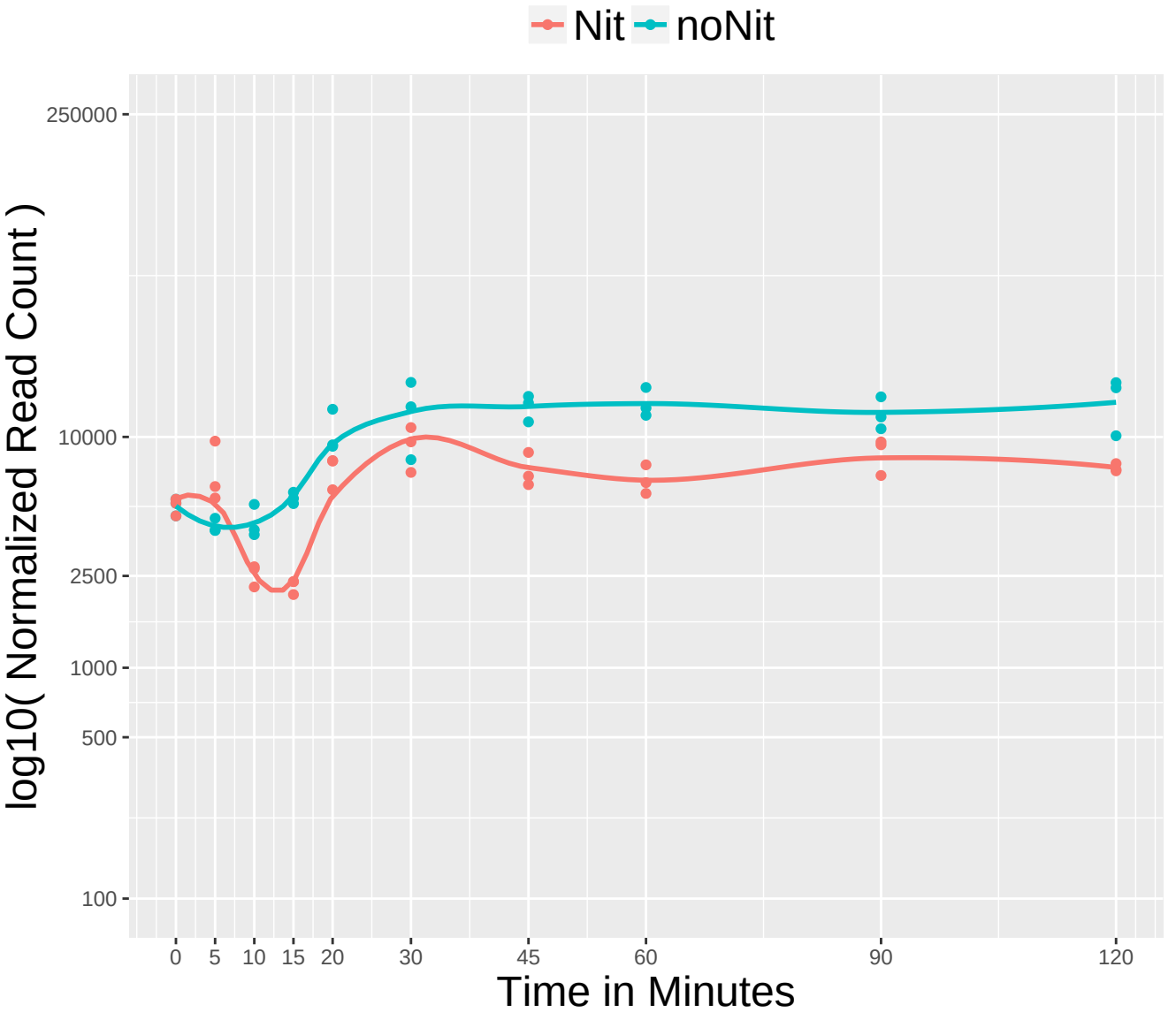
AT5G40210

UMAMIT42,Usually



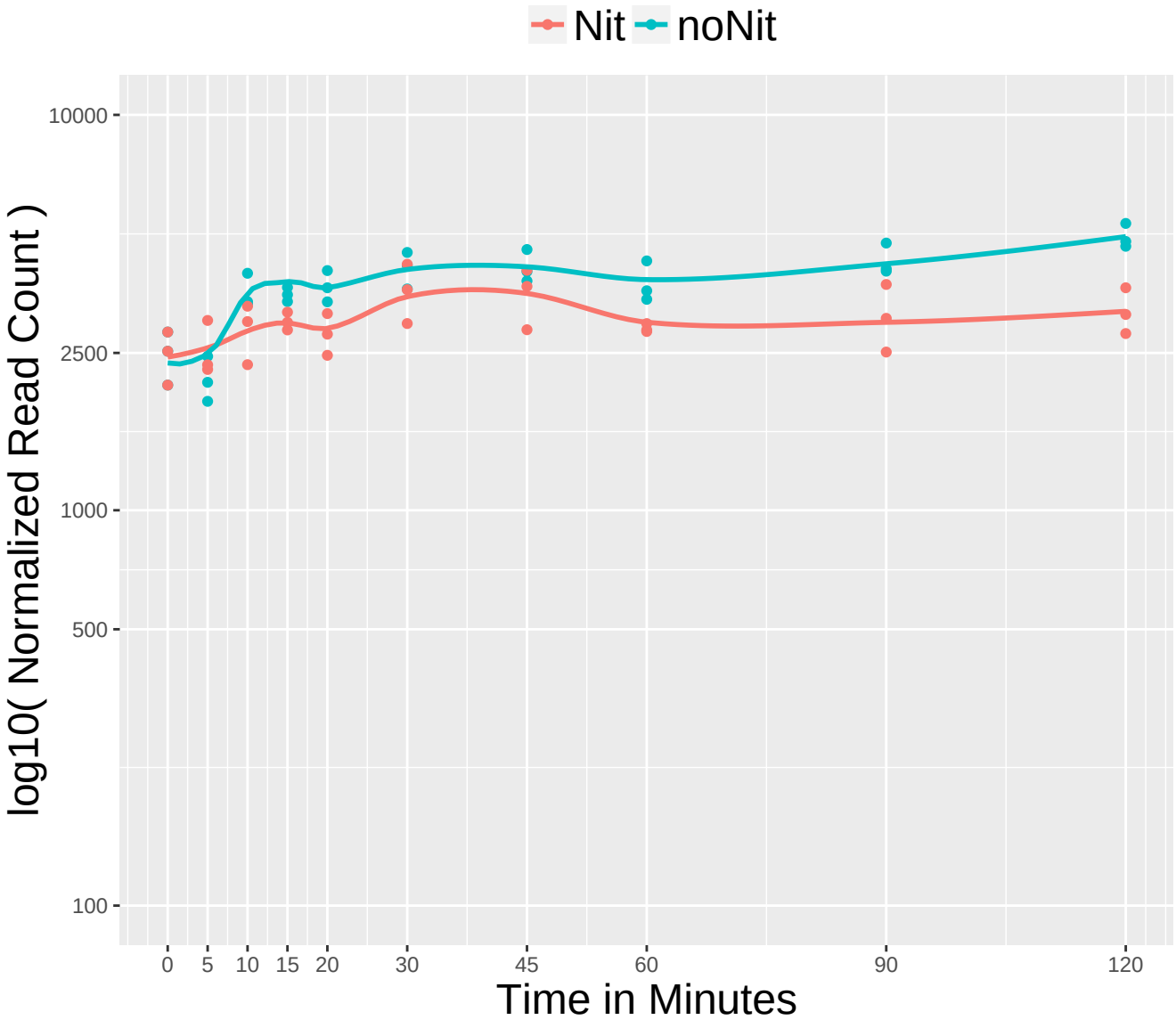
AT5G44380

FAD−binding



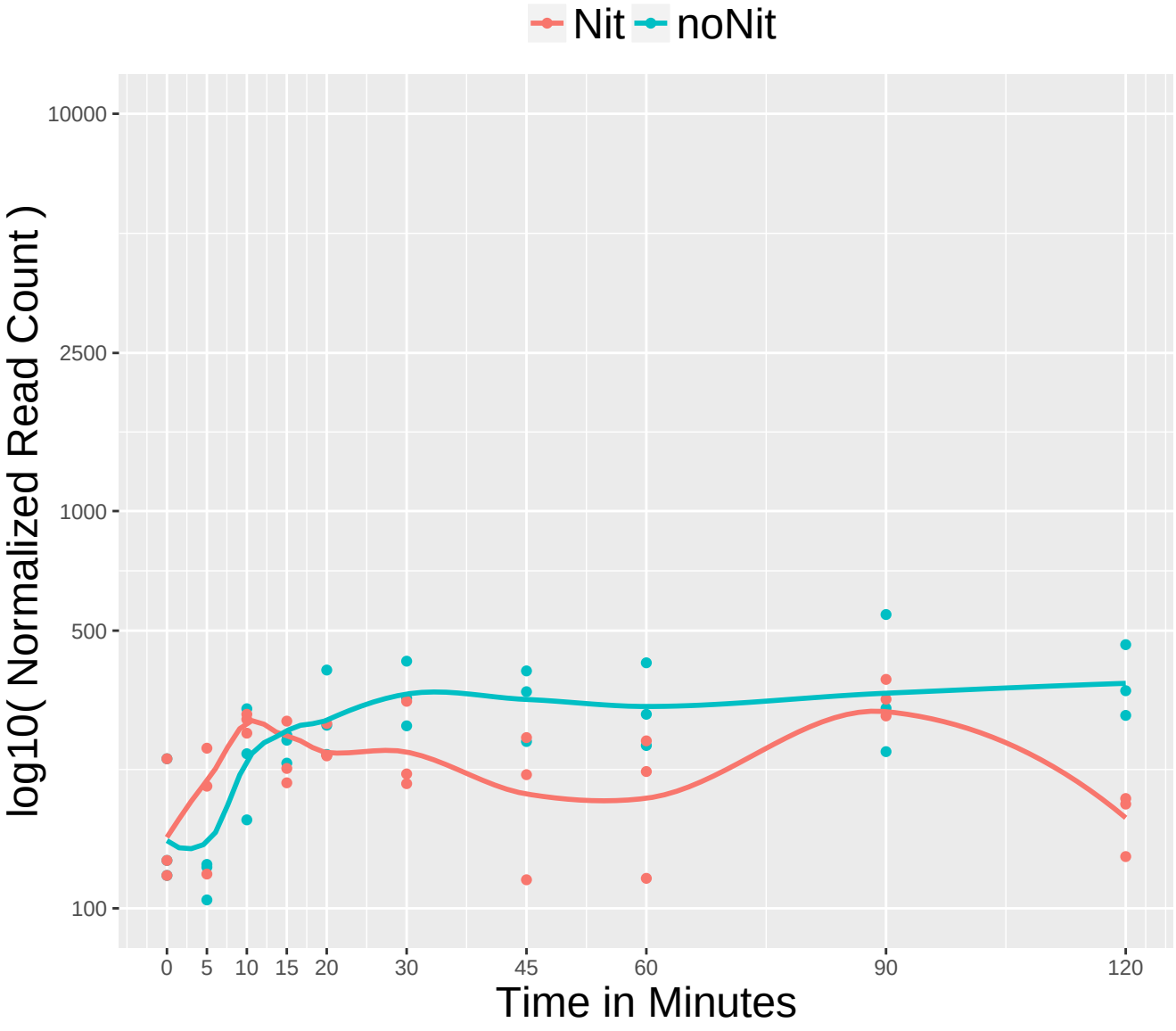
AT5G48230

AACT2,Acetoacetyl−CoA



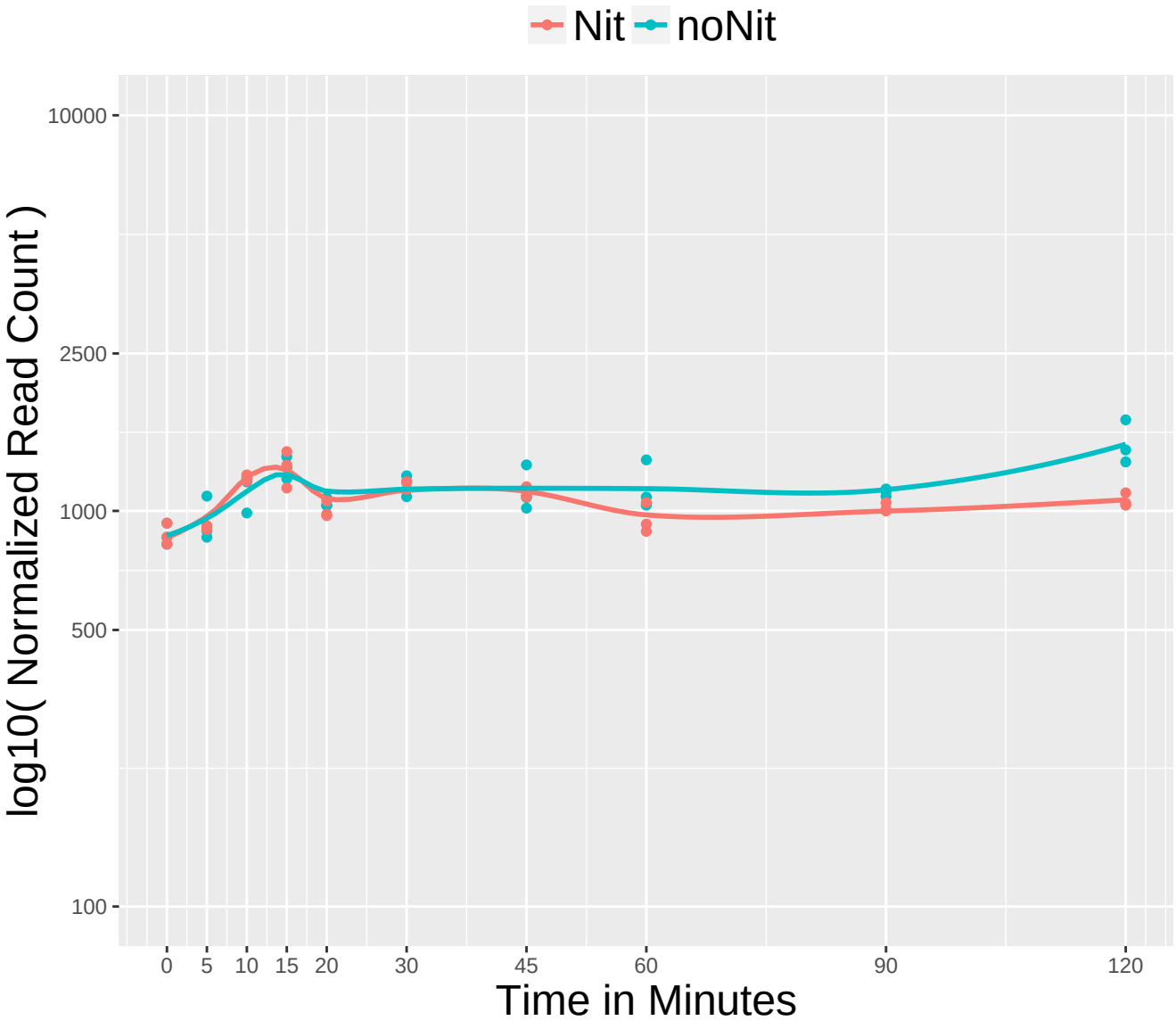
AT1G03970

GBF4,G−box



AT1G14360

ATUTR3,,UTR3,UDP−galactose



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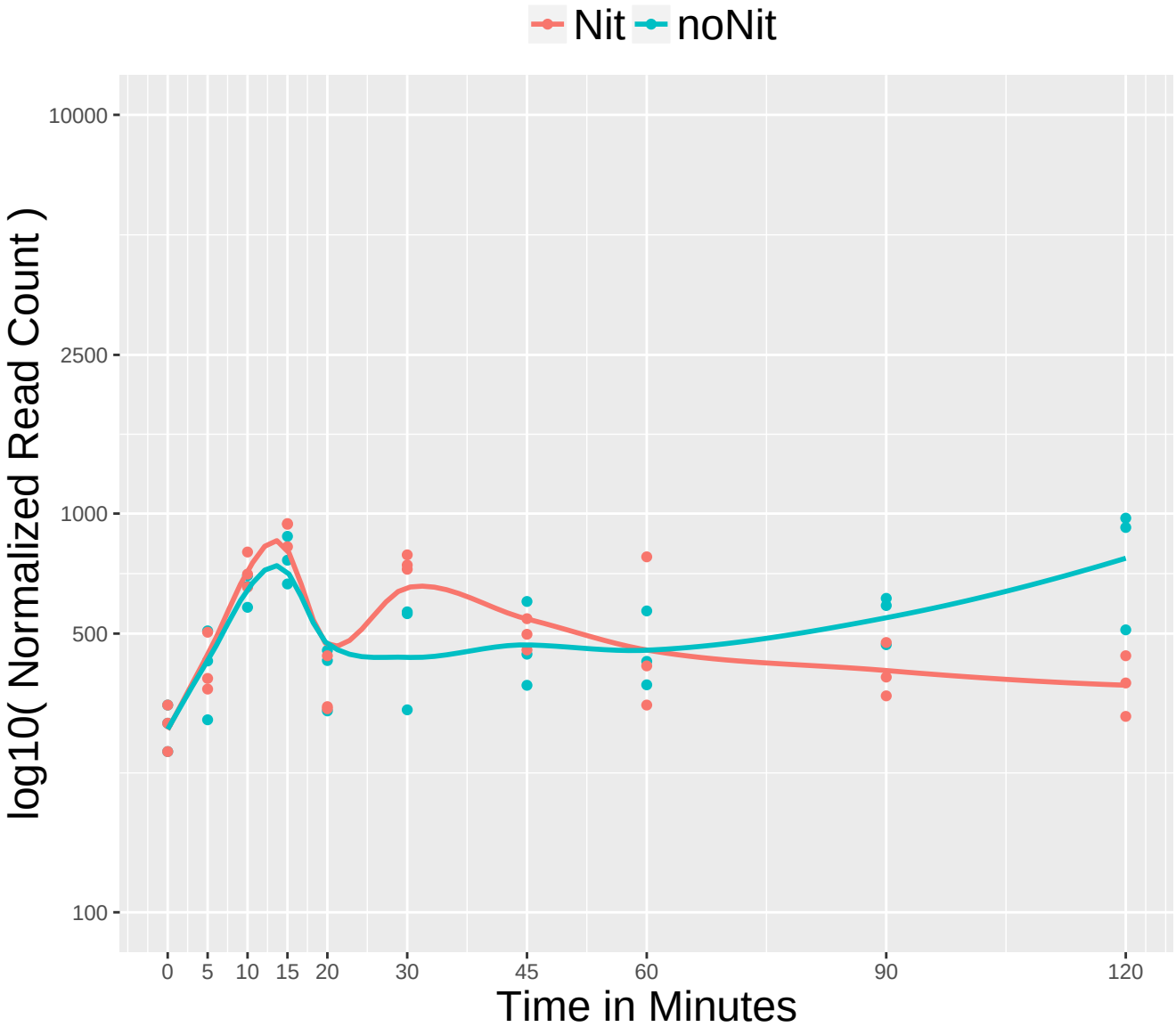
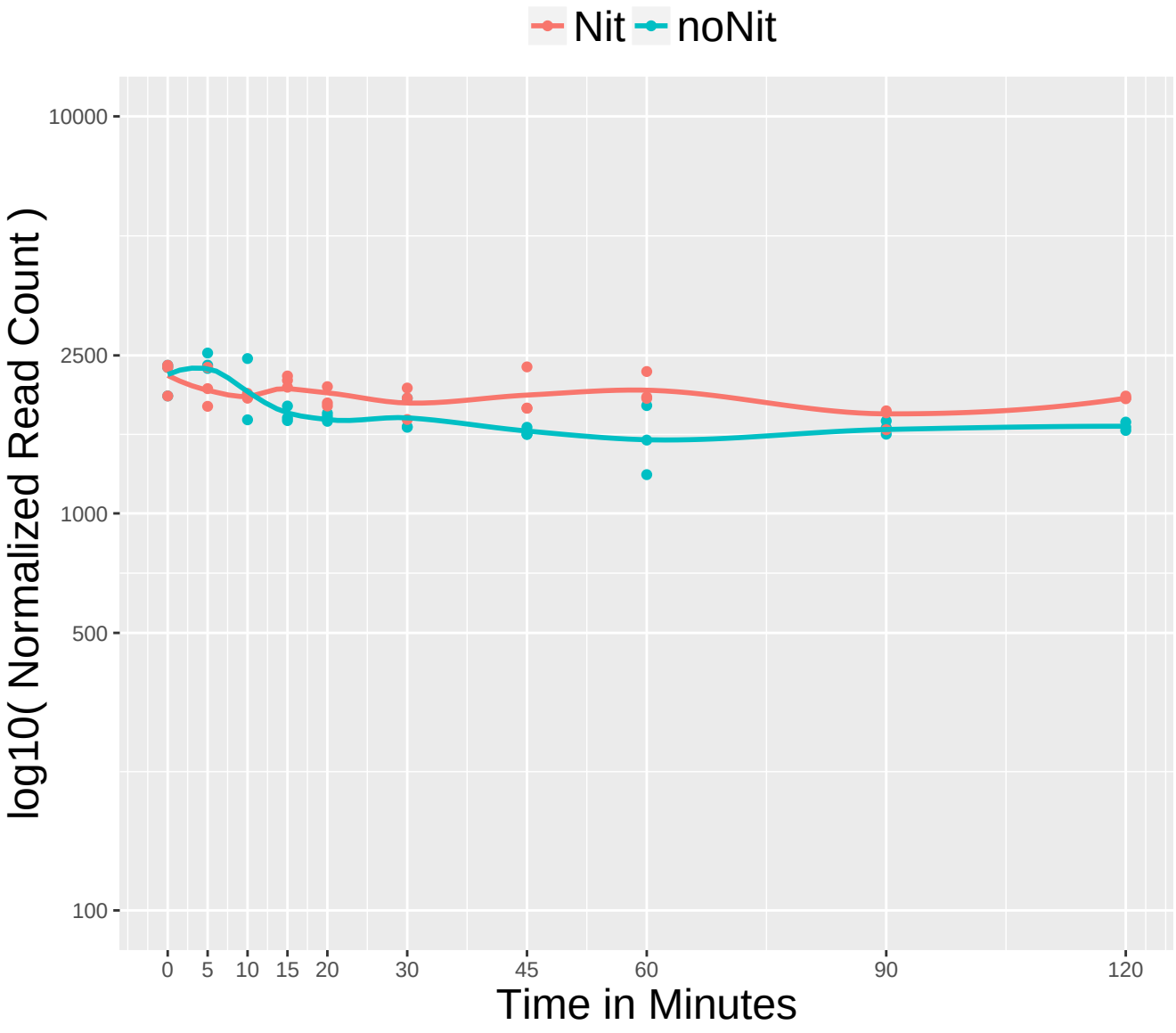
VQ



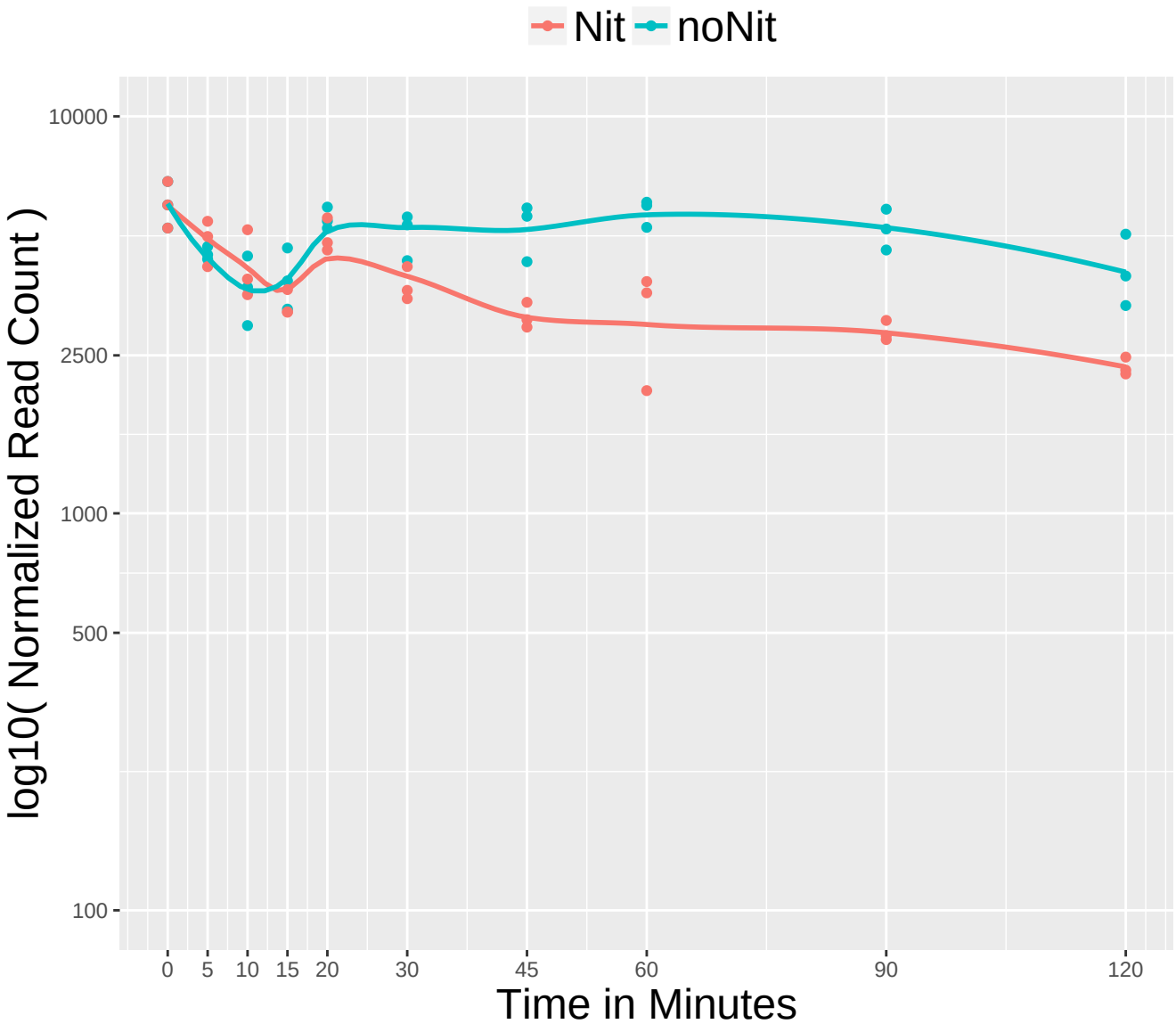
AT1G49950

ATTRB1,TELOMERE

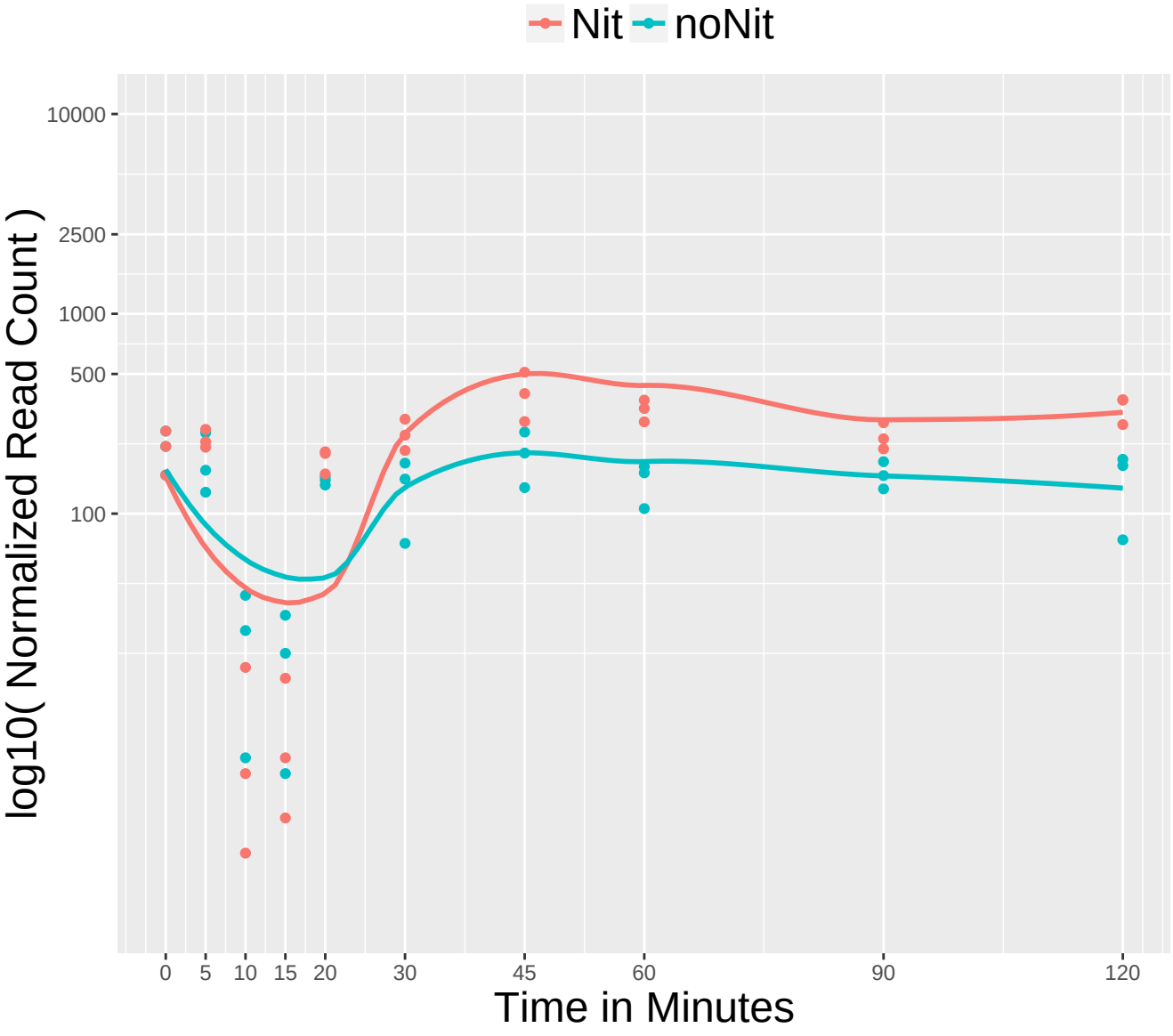


AT1G55740

AtSIP1,seed



AT1G58808


Nit
noNit
10000
2500
1000
500
100
log10(Normalized Read Count)
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5
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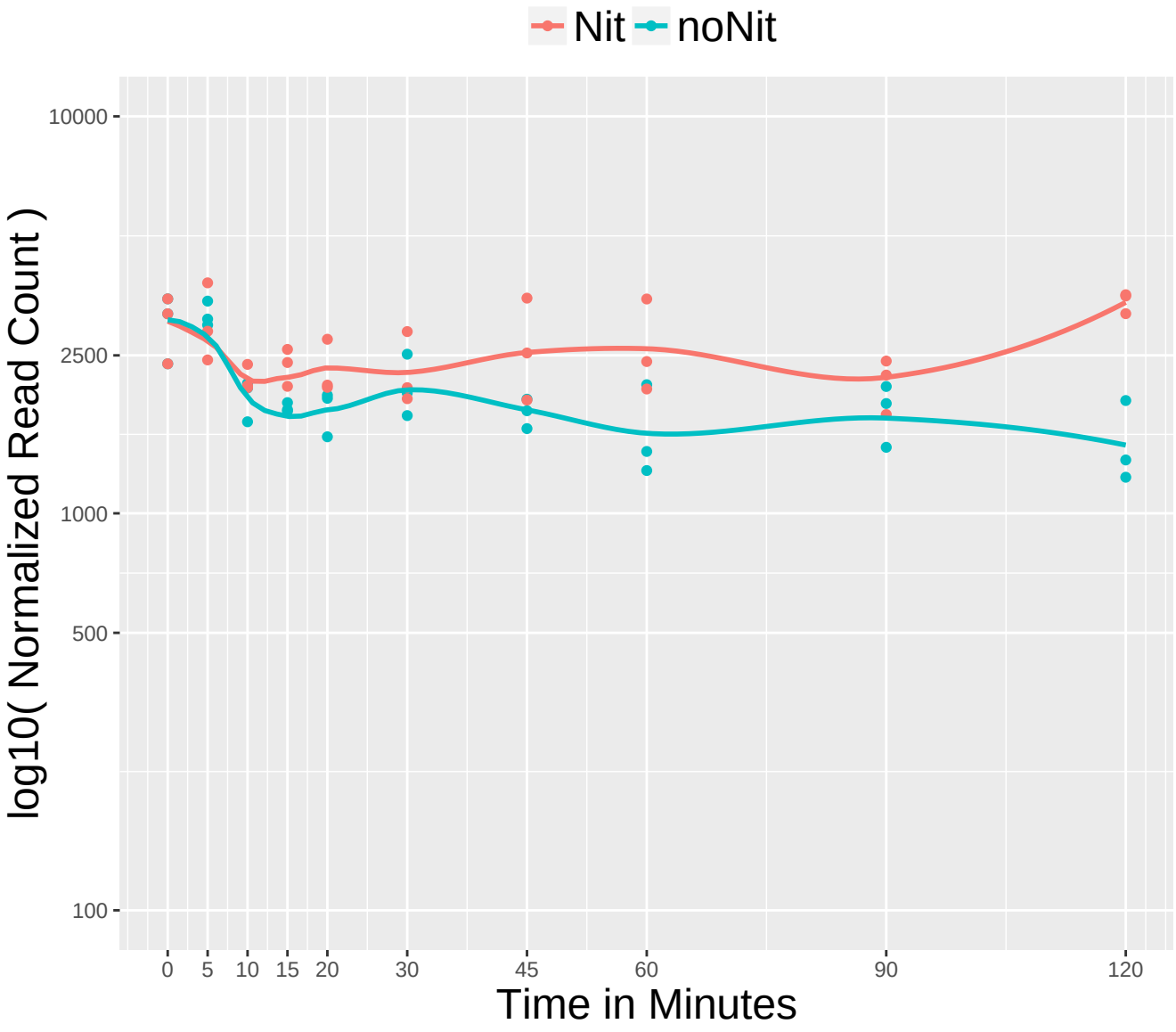
20
30
45
60
90
120
Time in Minutes

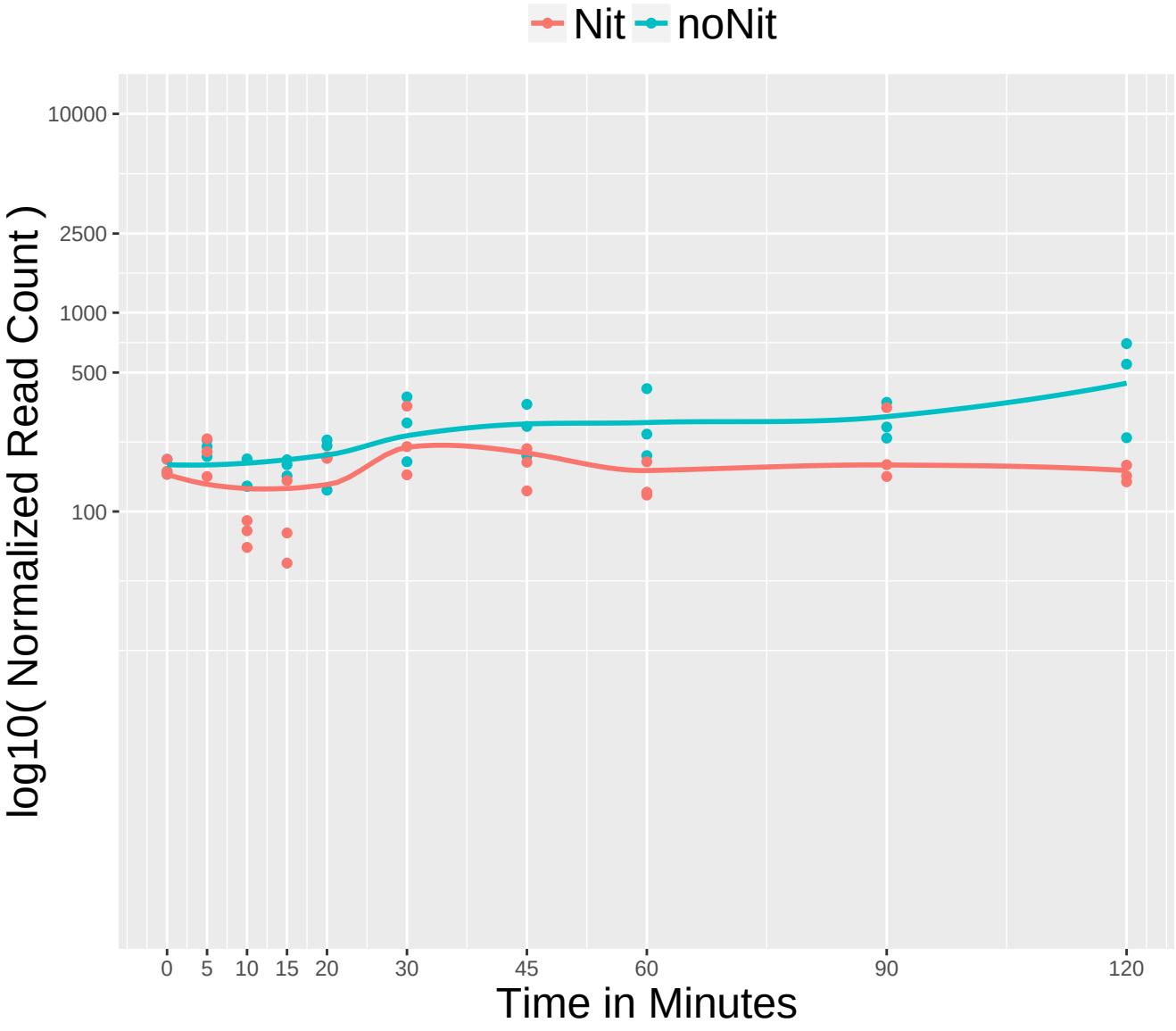
AT1G61570

TIM13,translocase



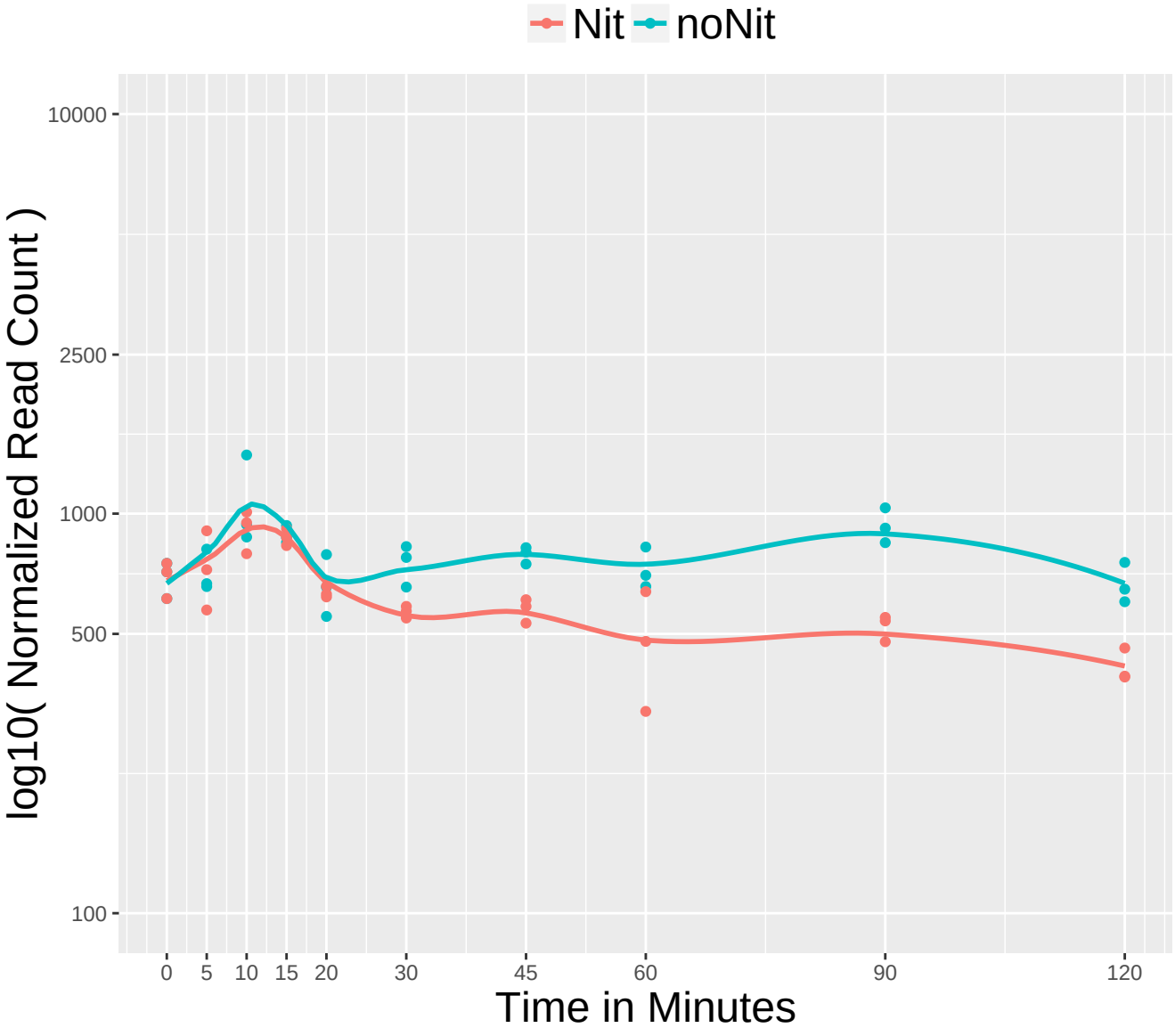
AT1G63450

RHS8,root



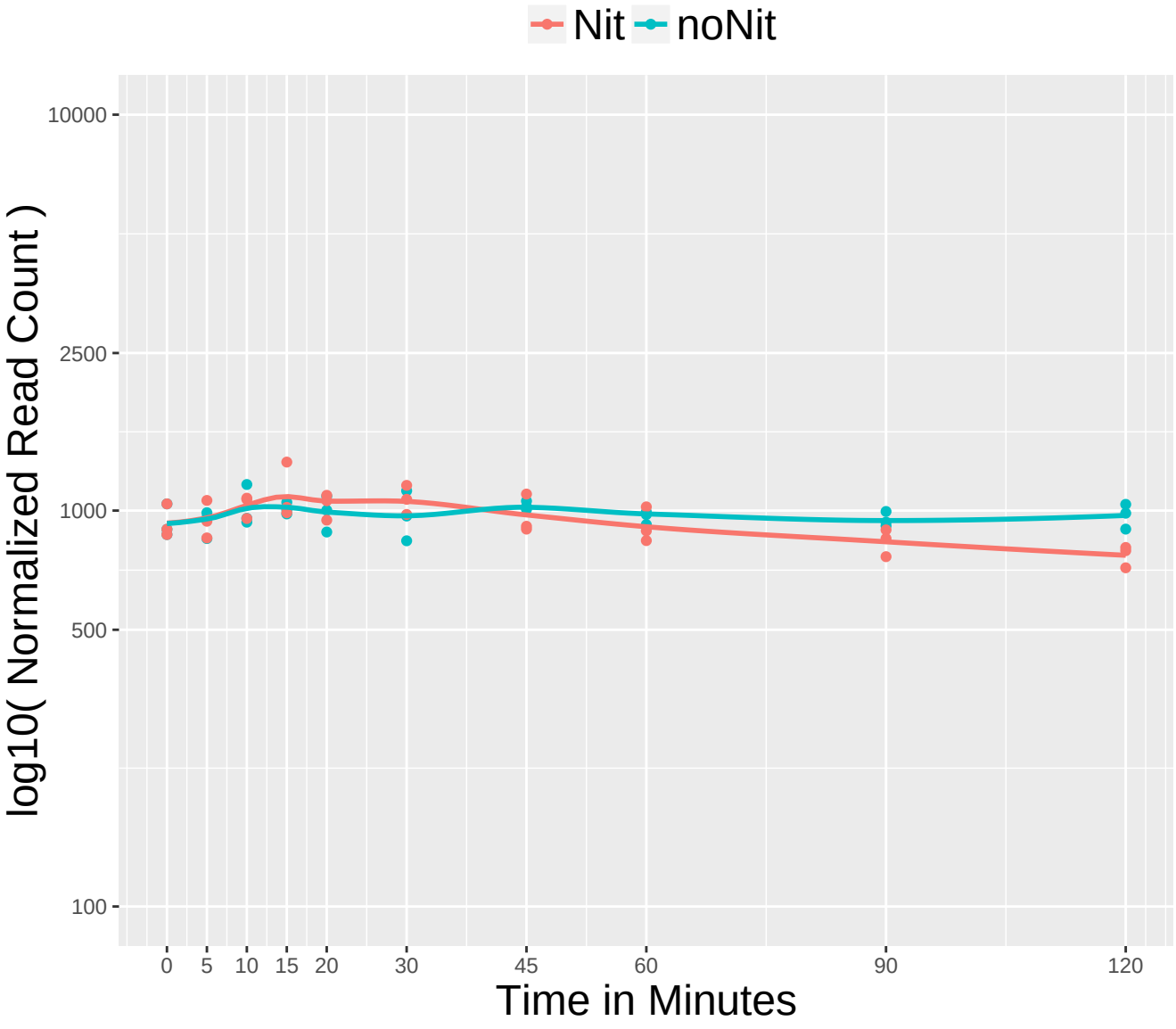
AT1G69780

ATHB13



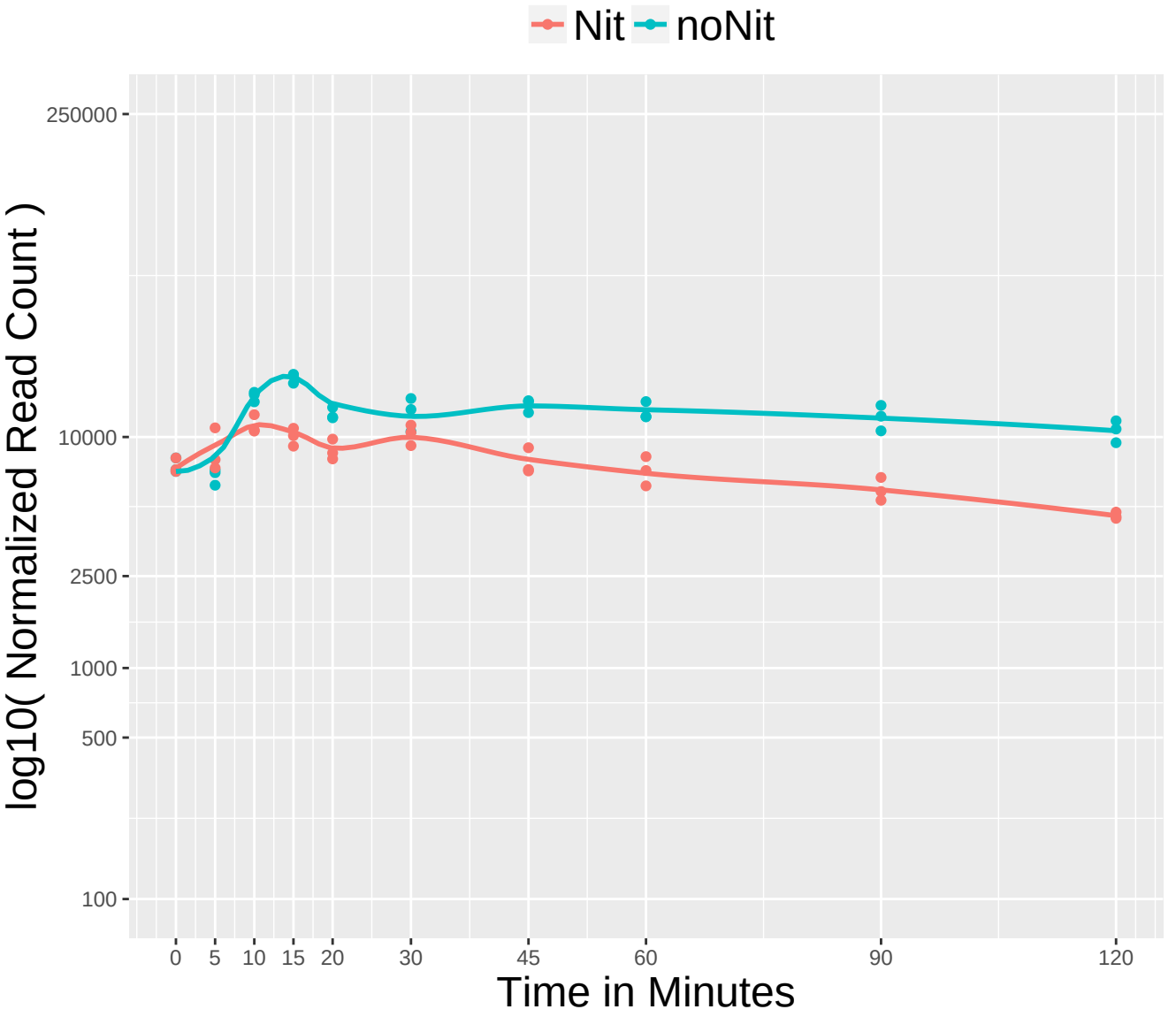
AT2G20740

Tetraspanin



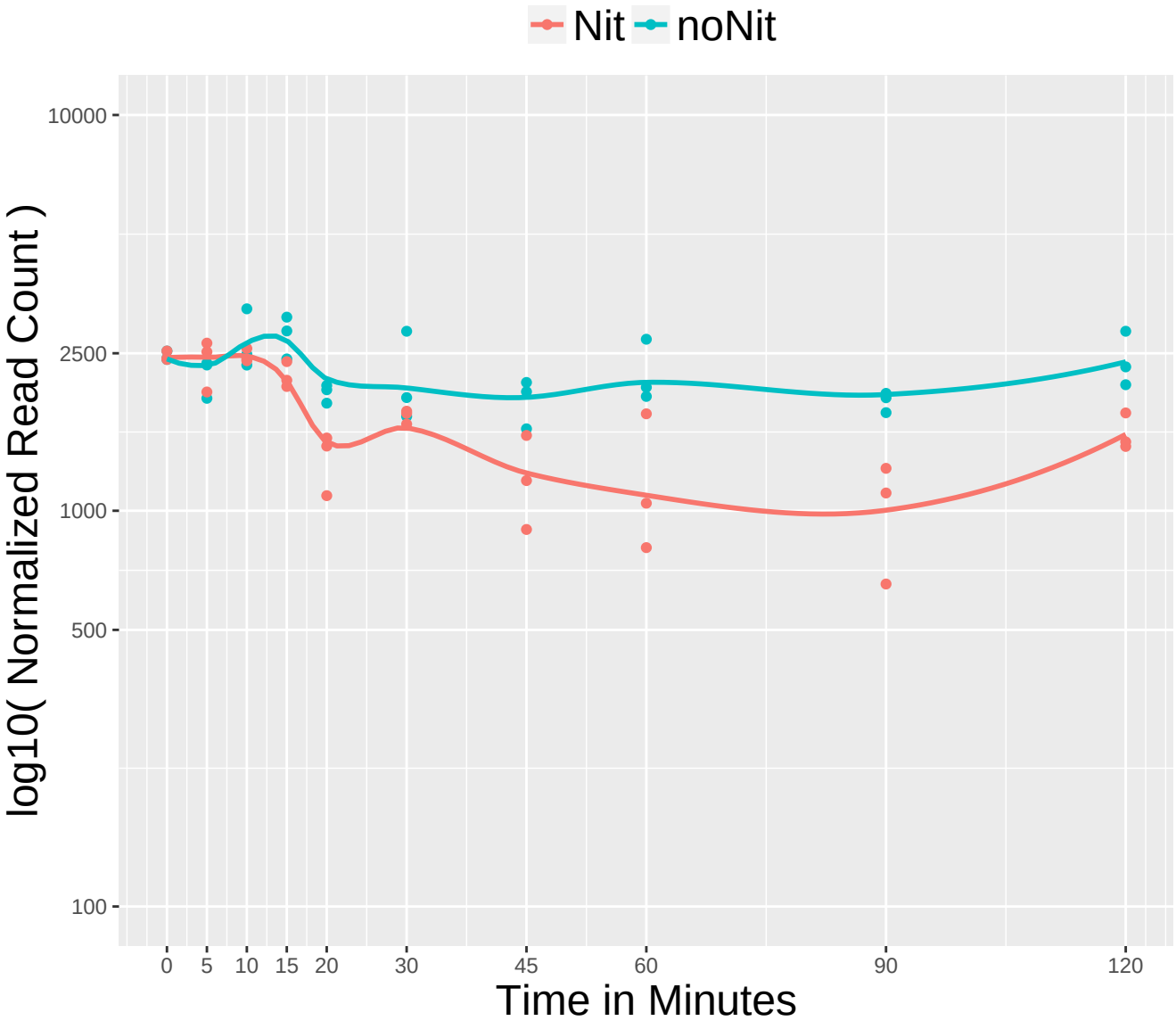
AT2G40890

CYP98A3,cytochrome



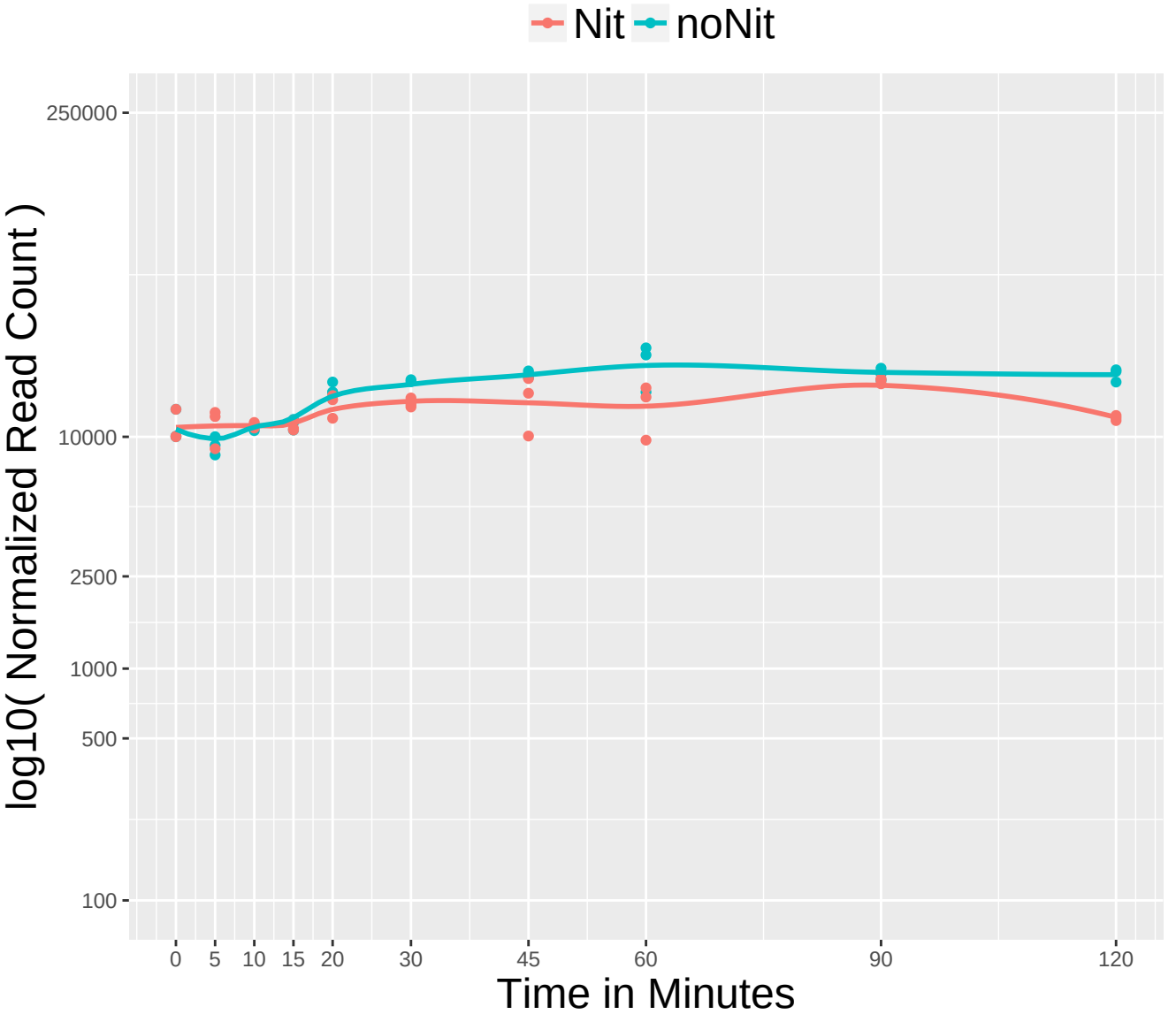
AT2G41380

S−adenosyl−L−methionine−dependent



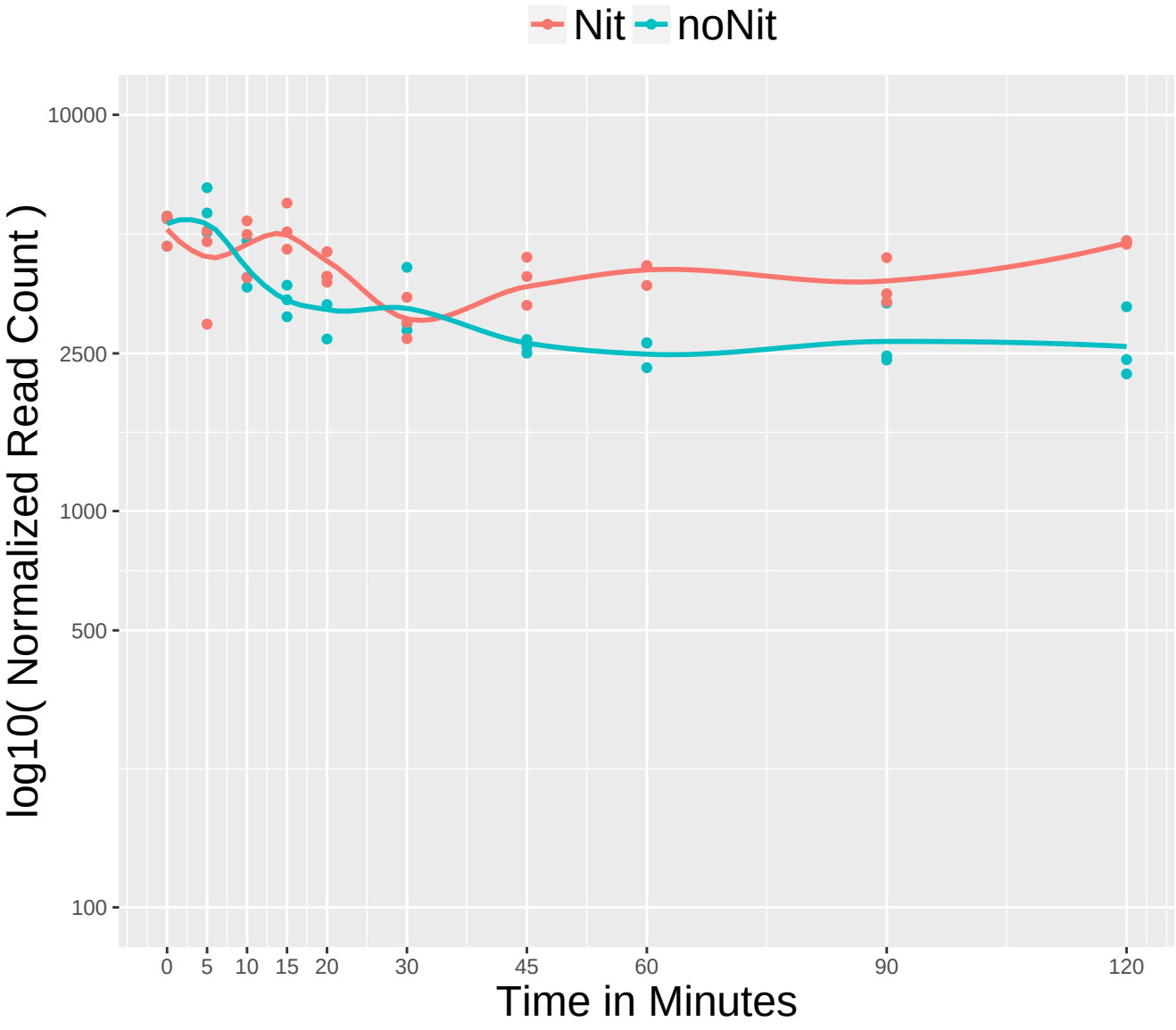
AT3G08530

AtCHC2,,CHC2,clathrin



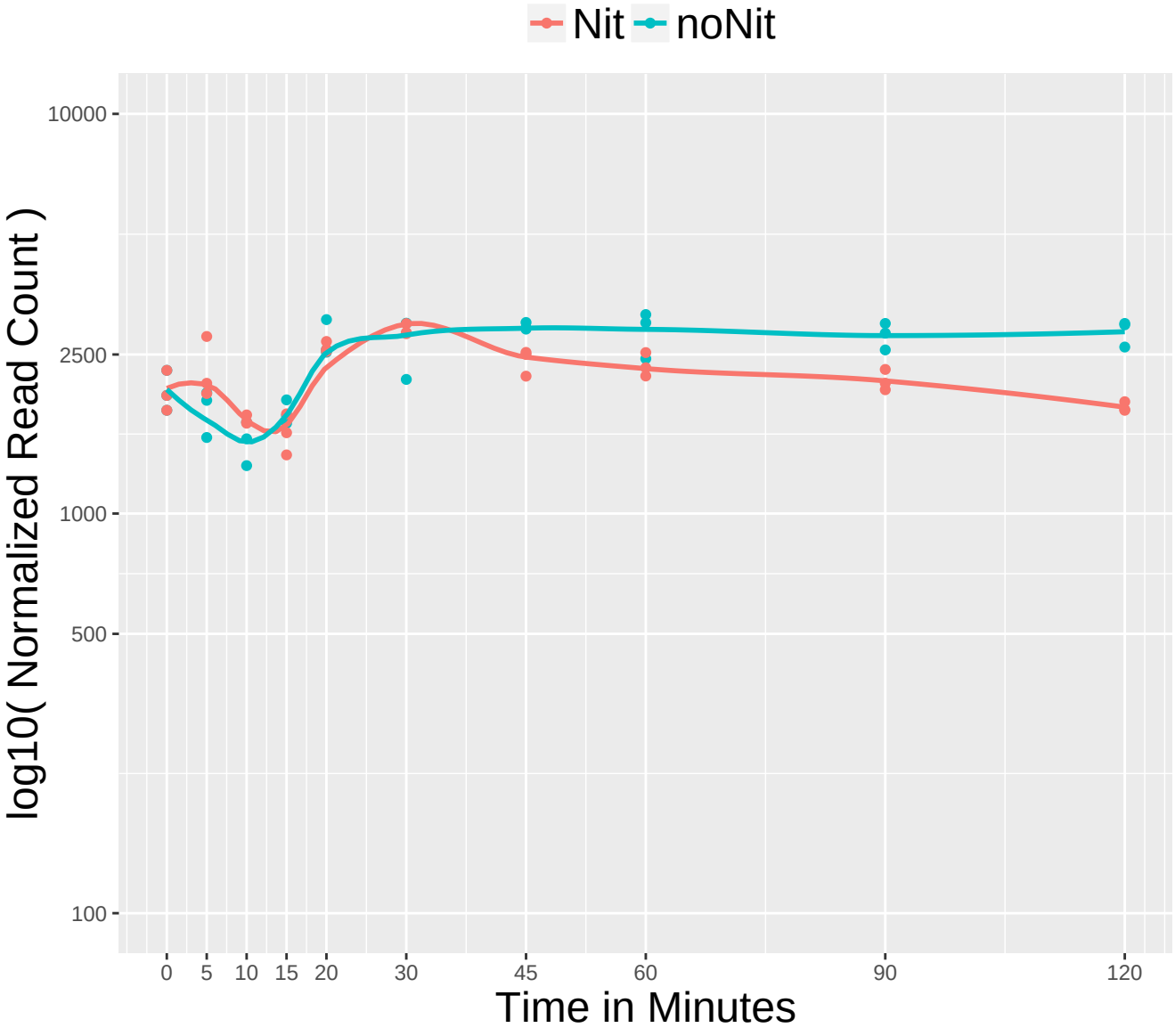
AT3G18600

P−loop



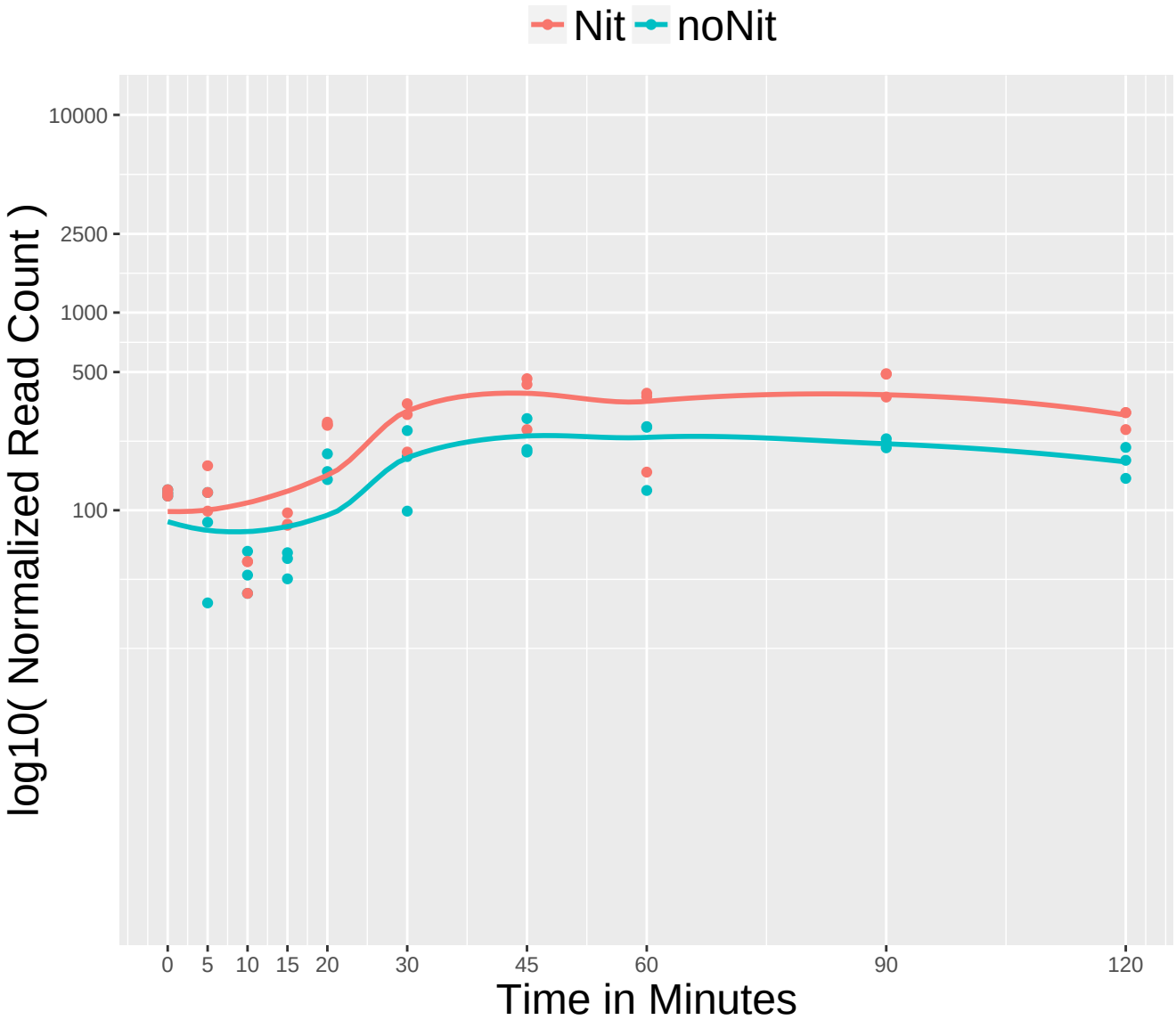
AT3G56050

Protein



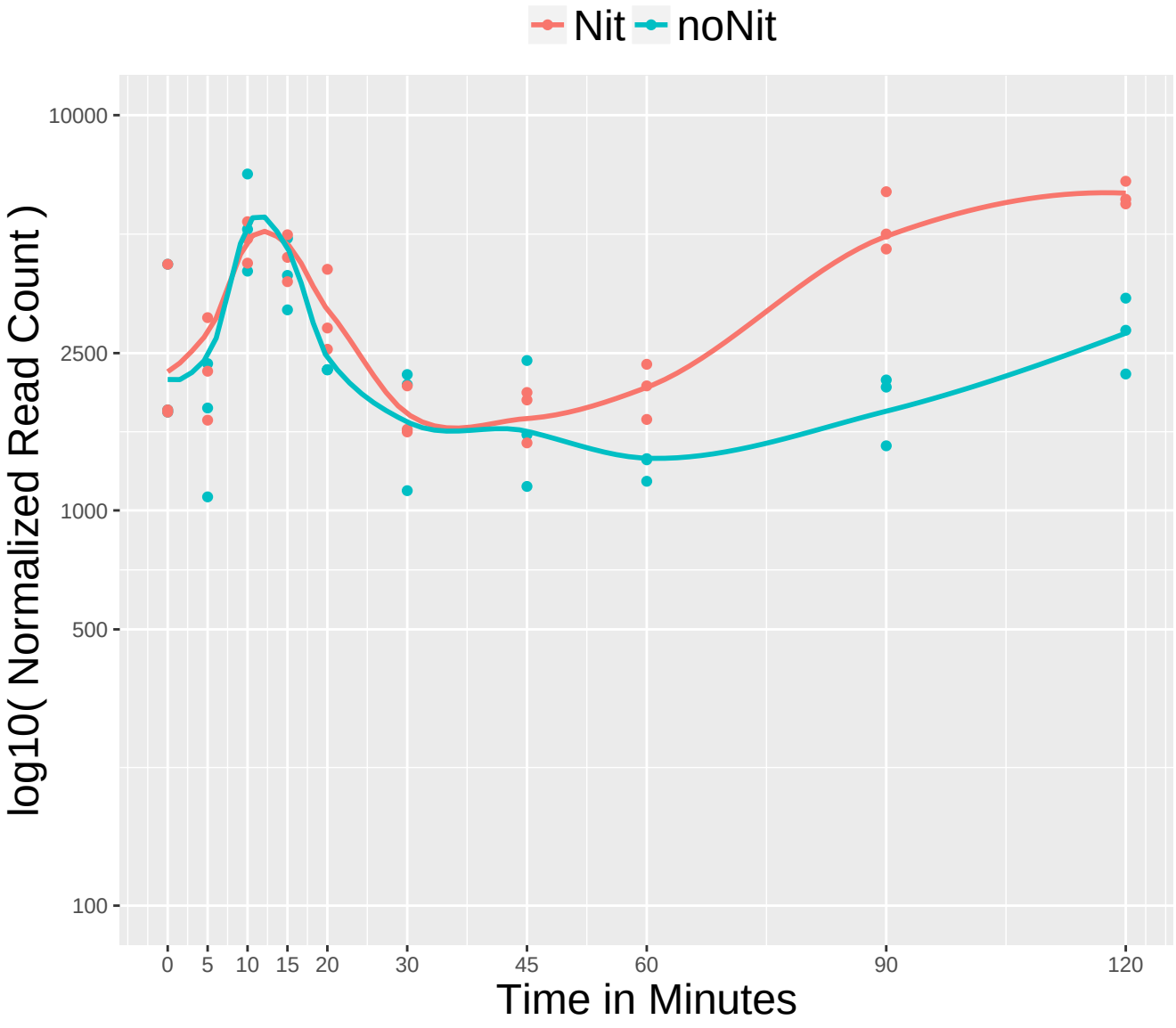
AT4G11390

Cysteine/Histidine−rich



AT4G16370

ATOPT3,oligopeptide



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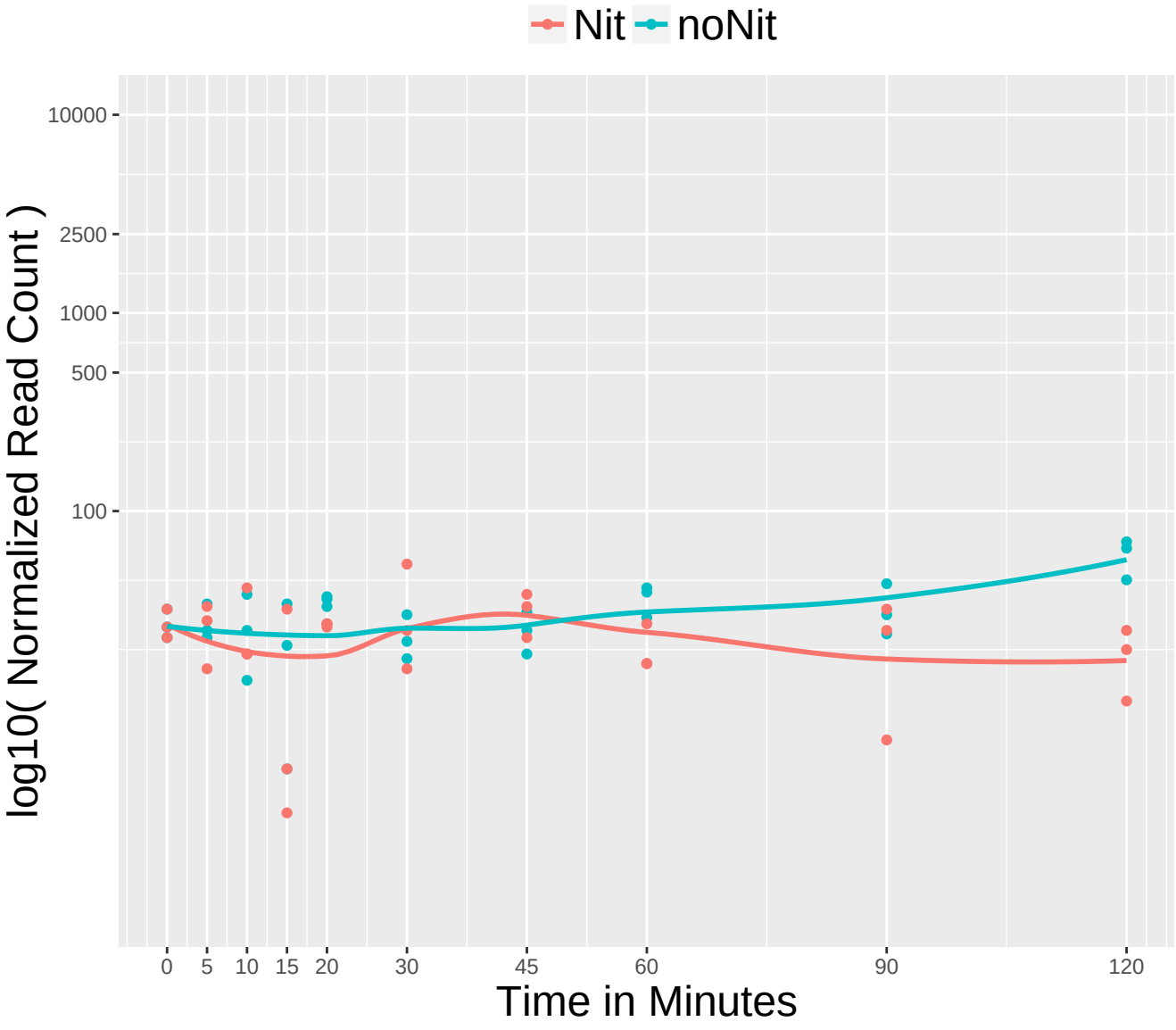
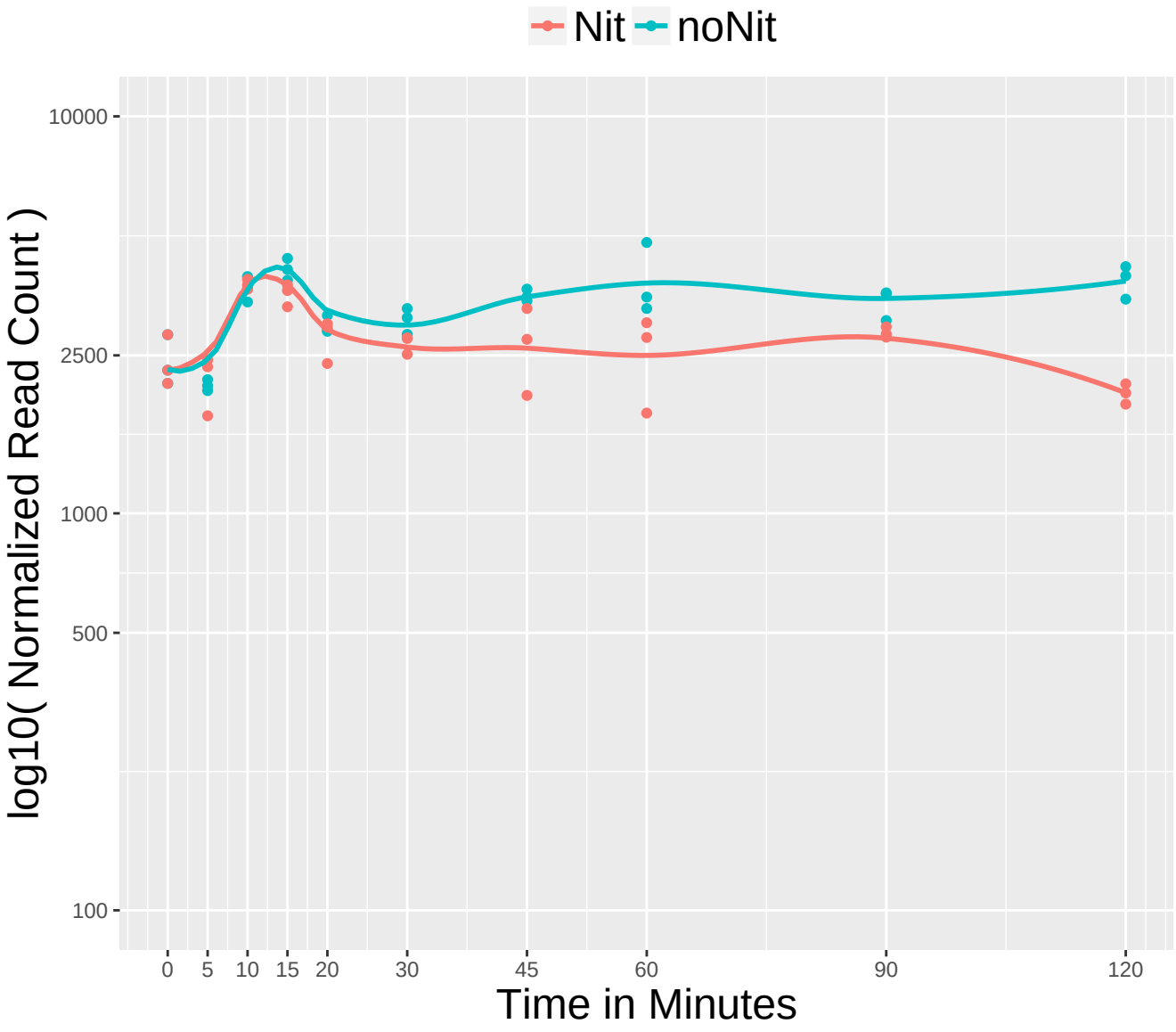
ATPUP10,purine



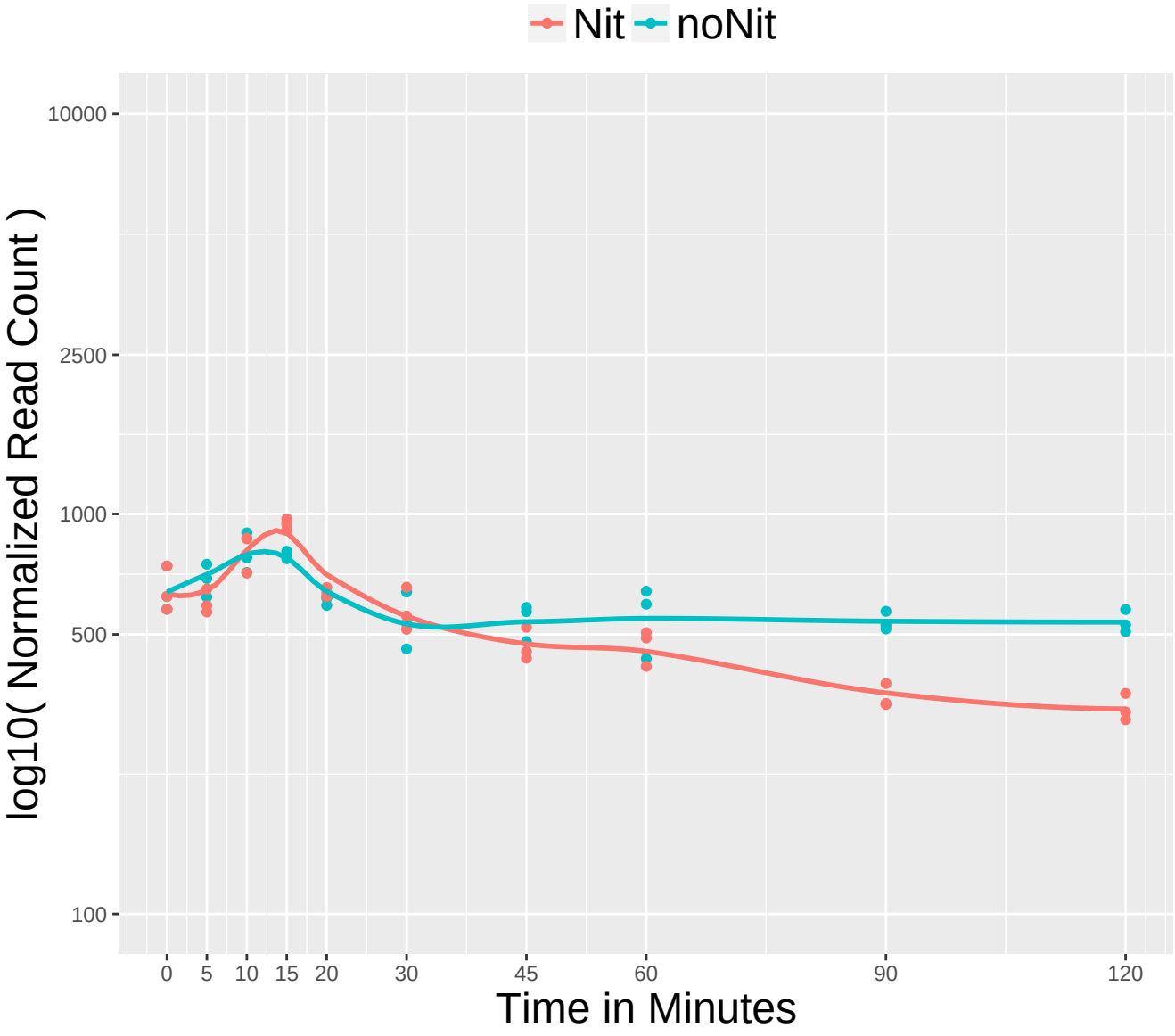
AT5G20730

ARF7,AUXIN



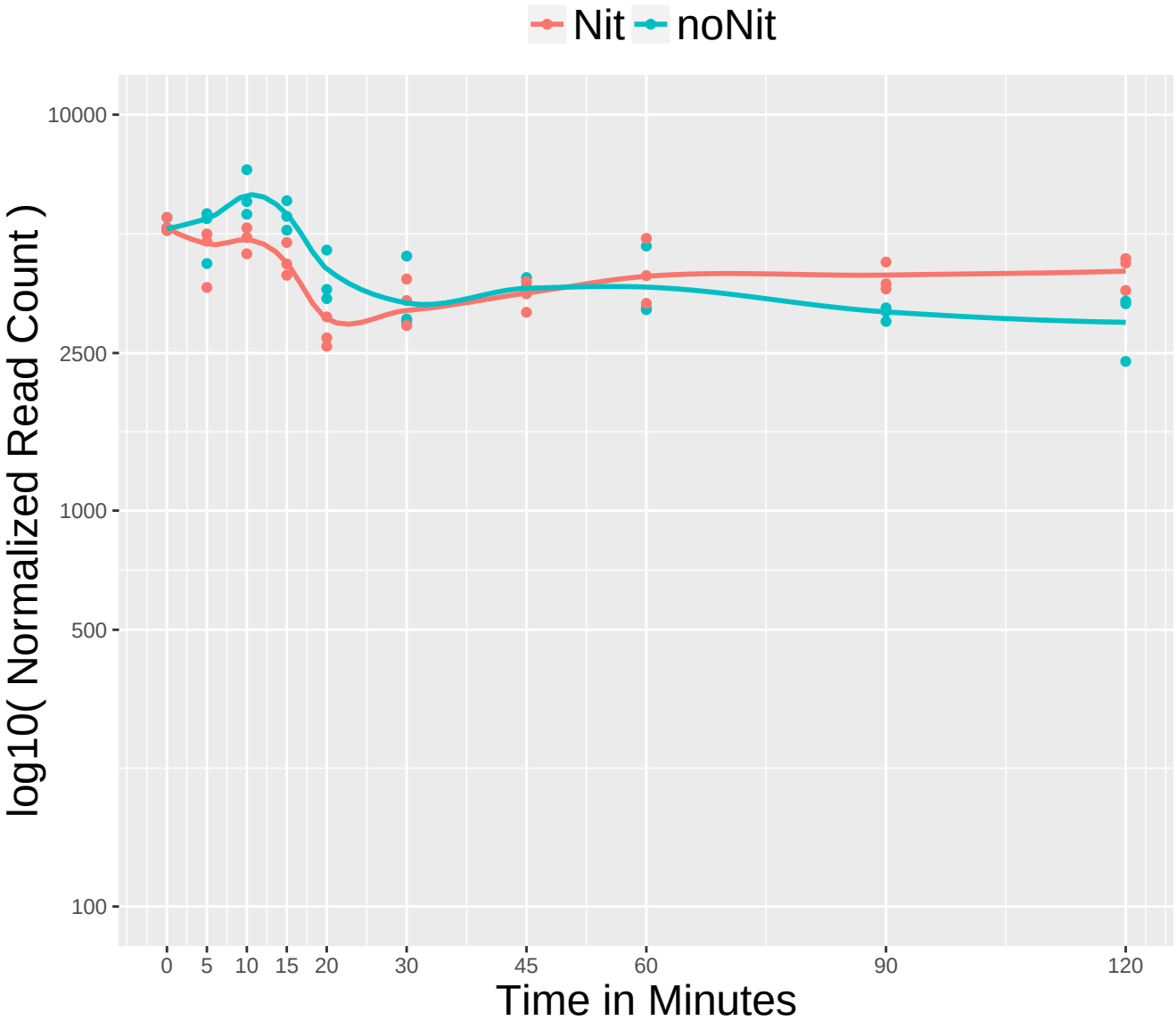
AT5G39380

Plant



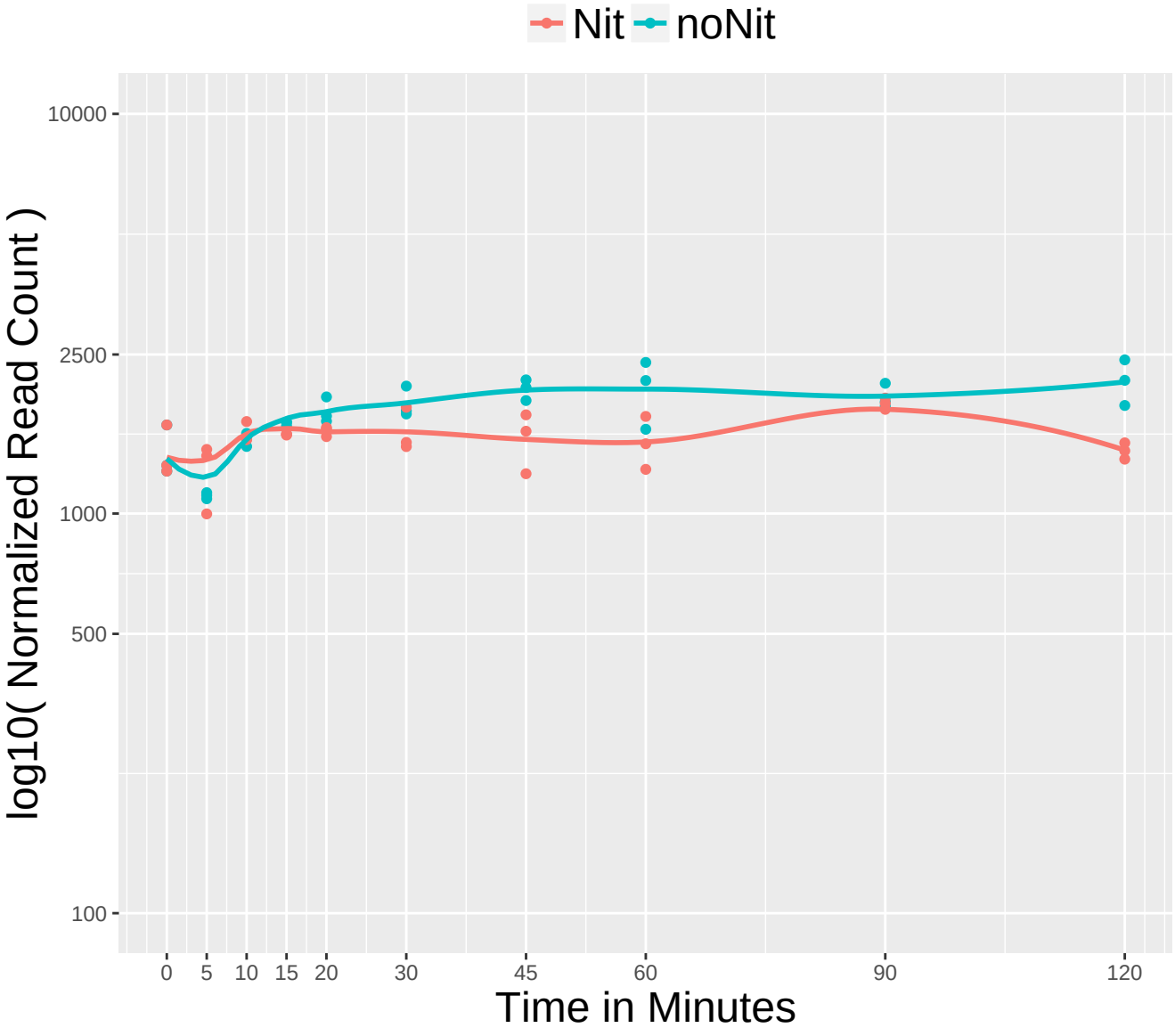
AT1G01720

ANAC002,Arabidopsis



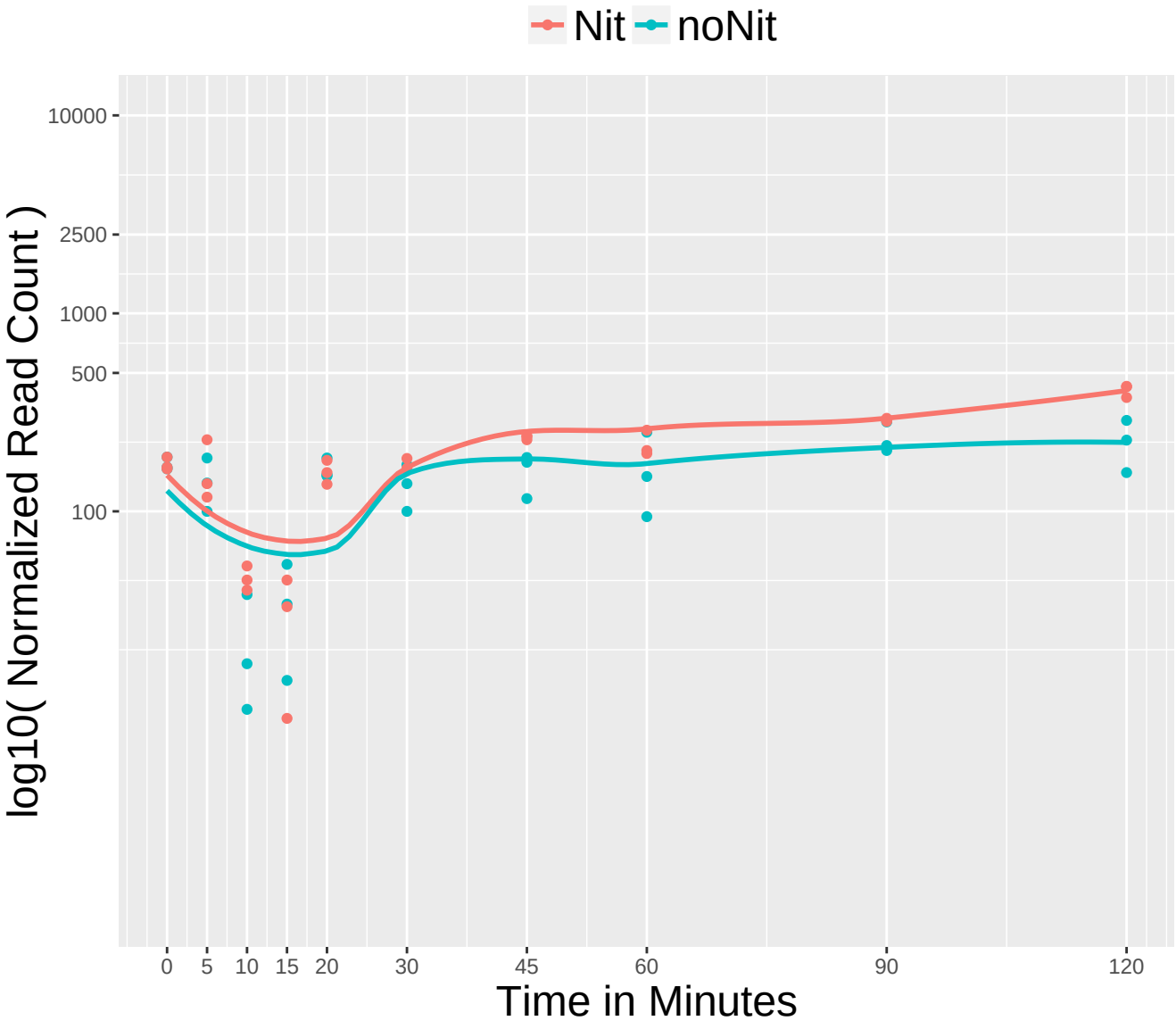
AT1G12470

zinc



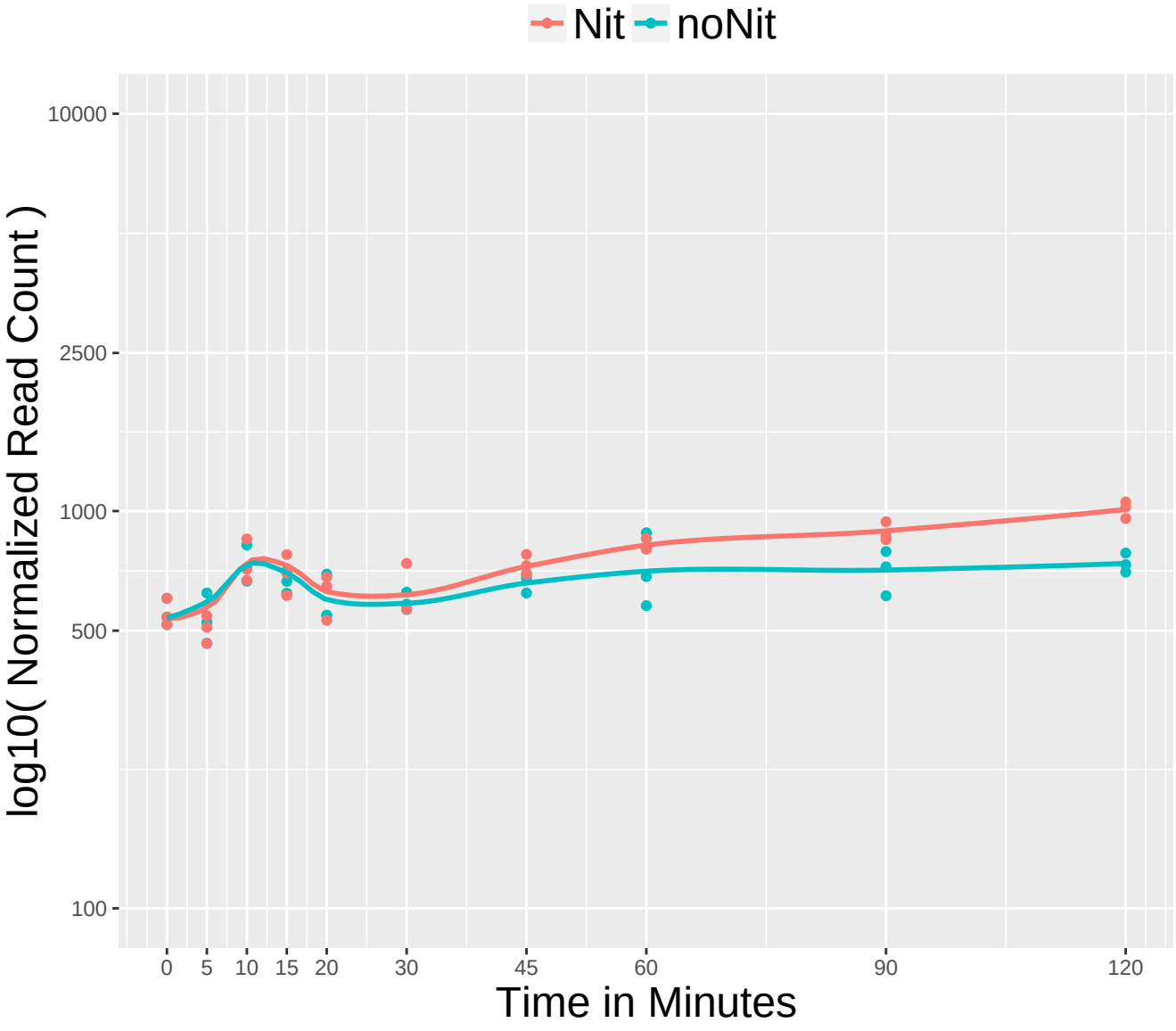
AT1G25460

NAD(P)−binding



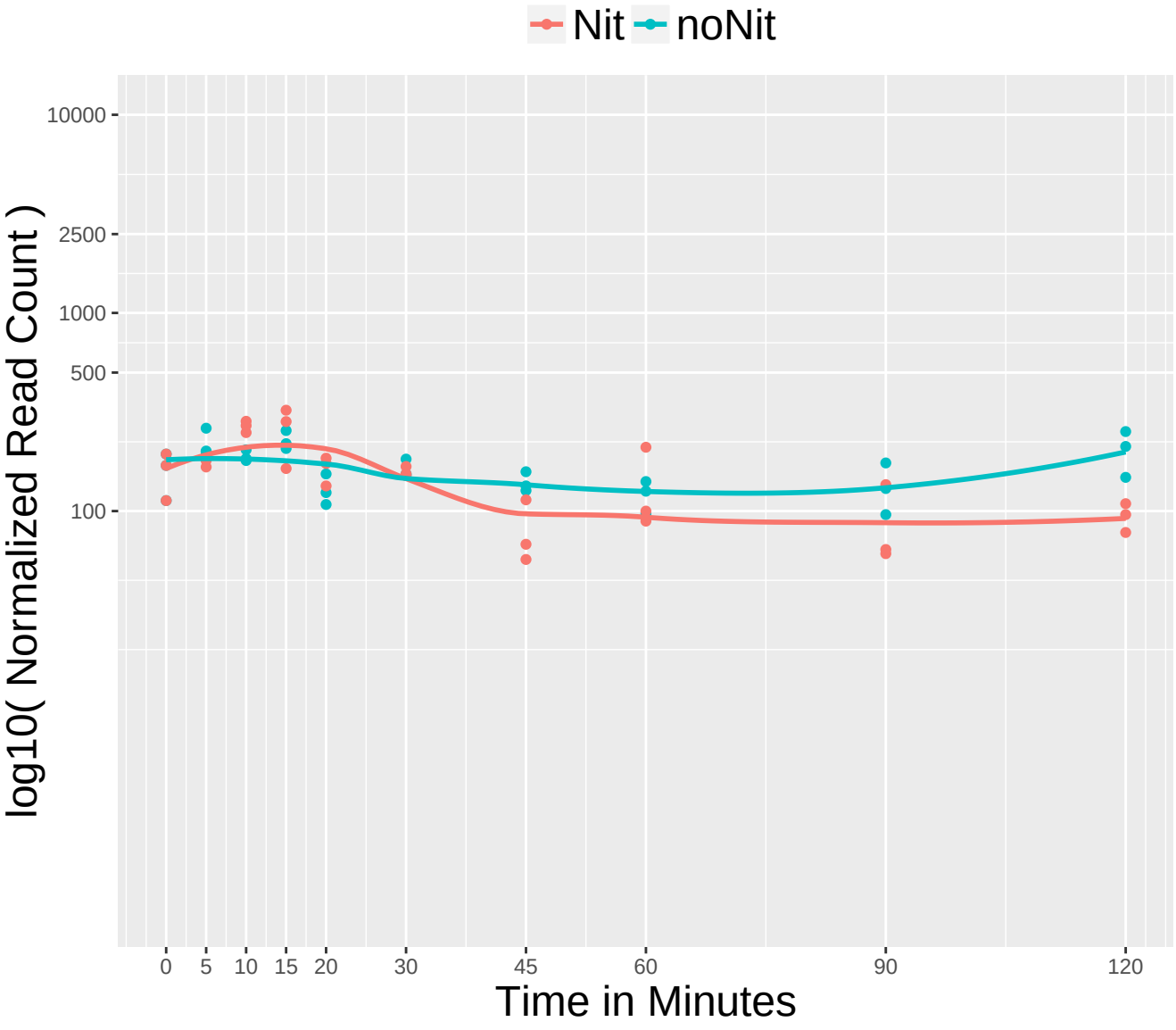
AT1G55870

AHG2,ABA−HYPERSENSITIVE



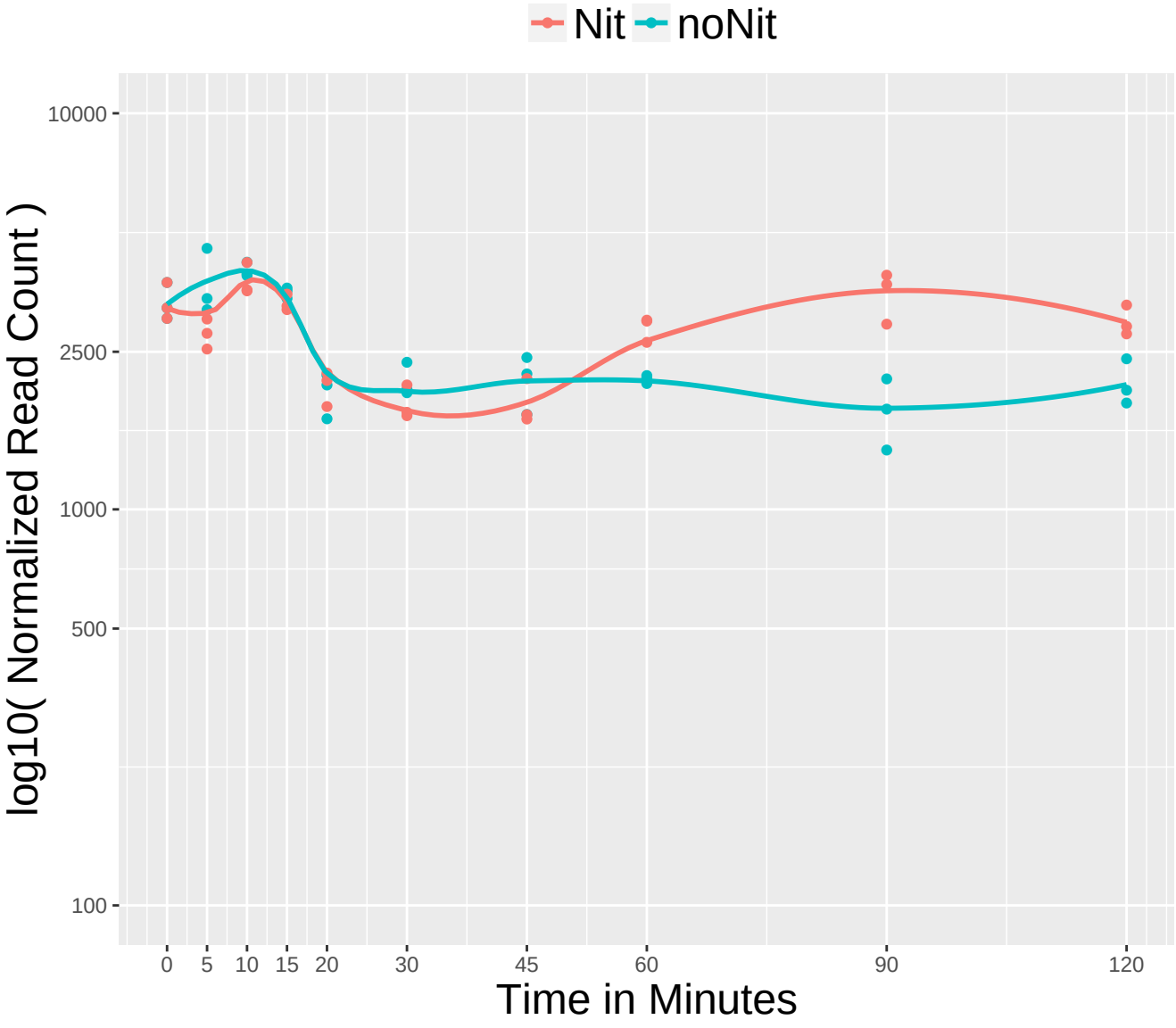
AT1G56300

Chaperone



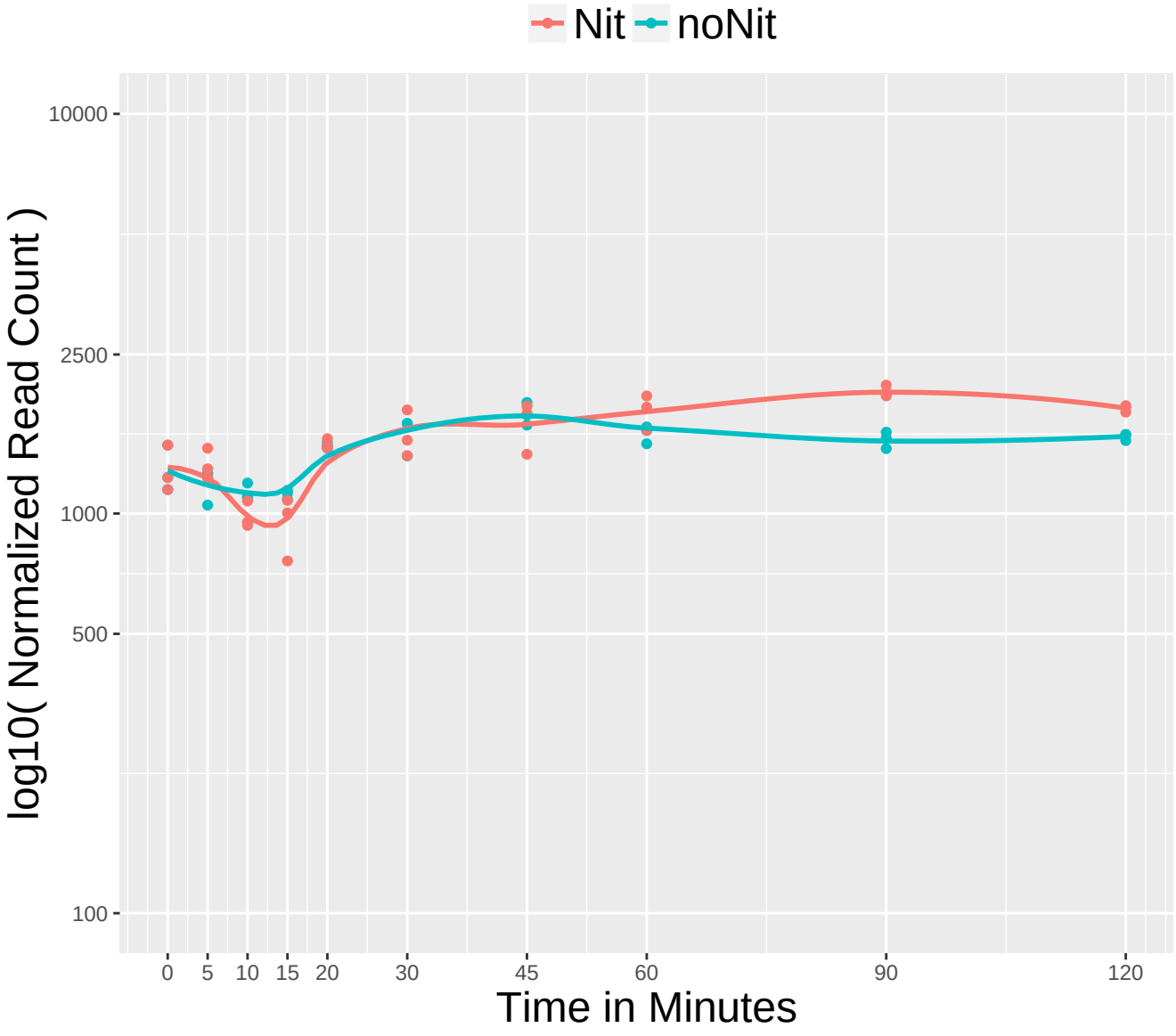
AT2G16890

UDP−Glycosyltransferase



AT2G34970

Trimeric



AT2G40810

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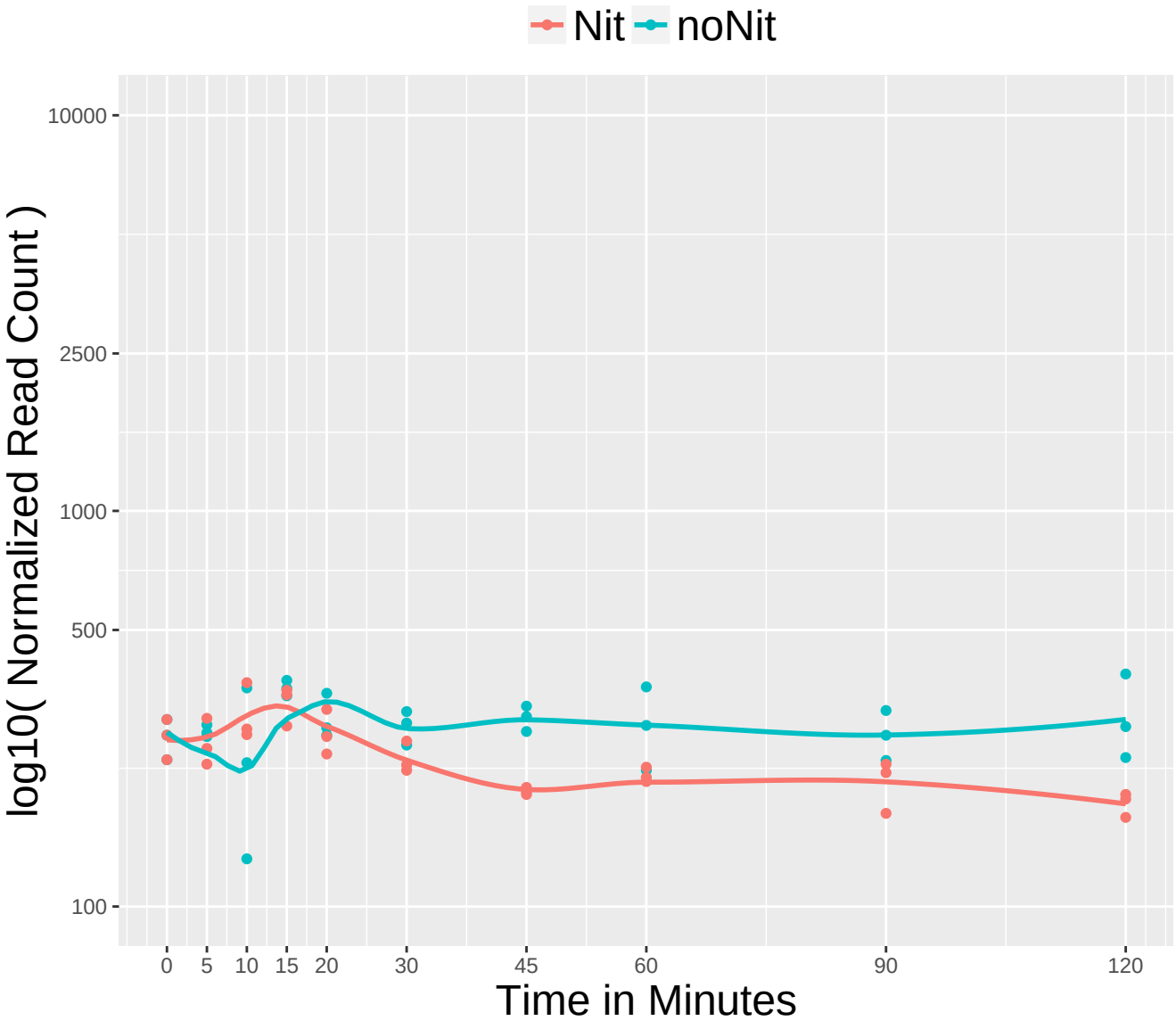

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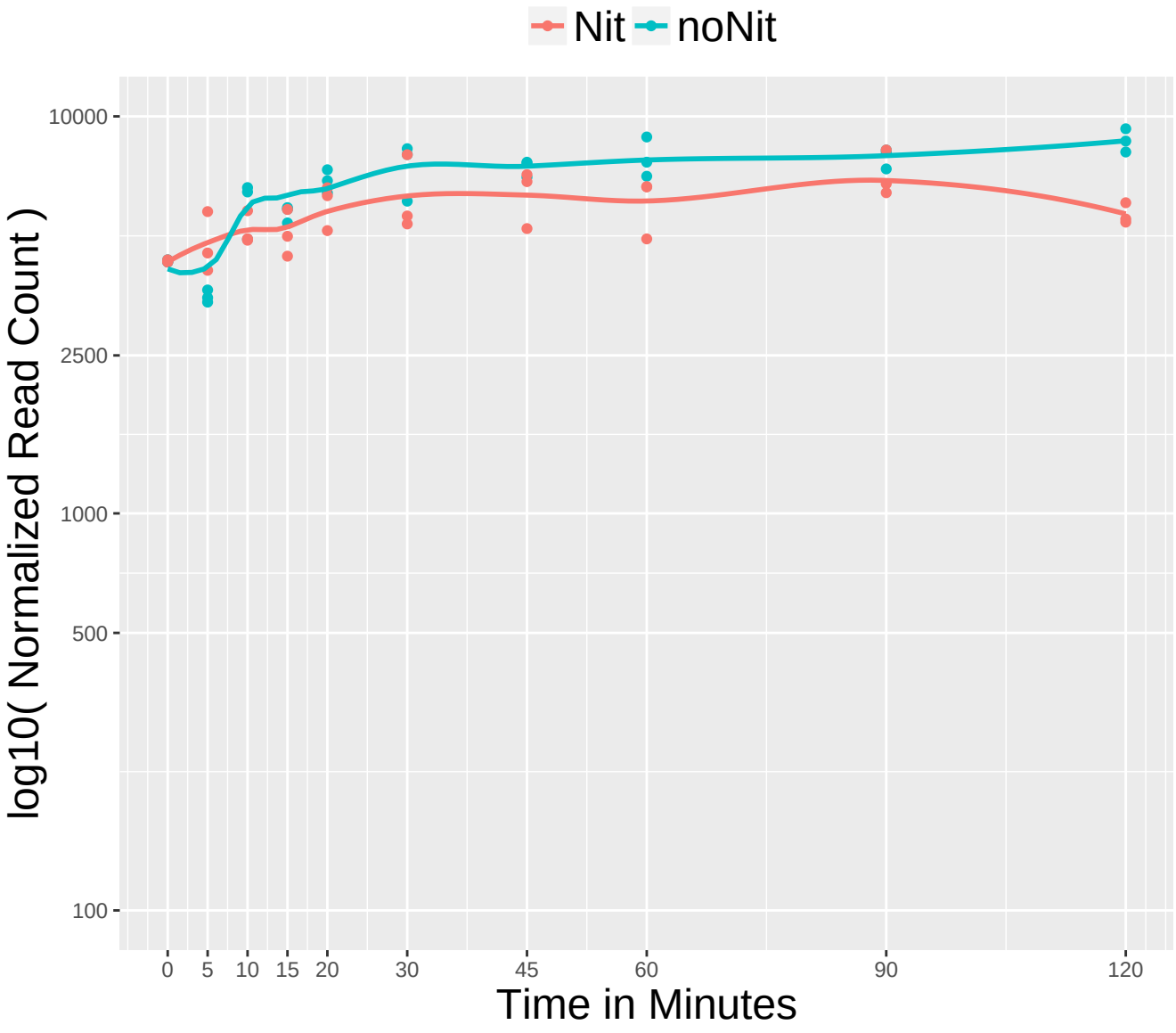

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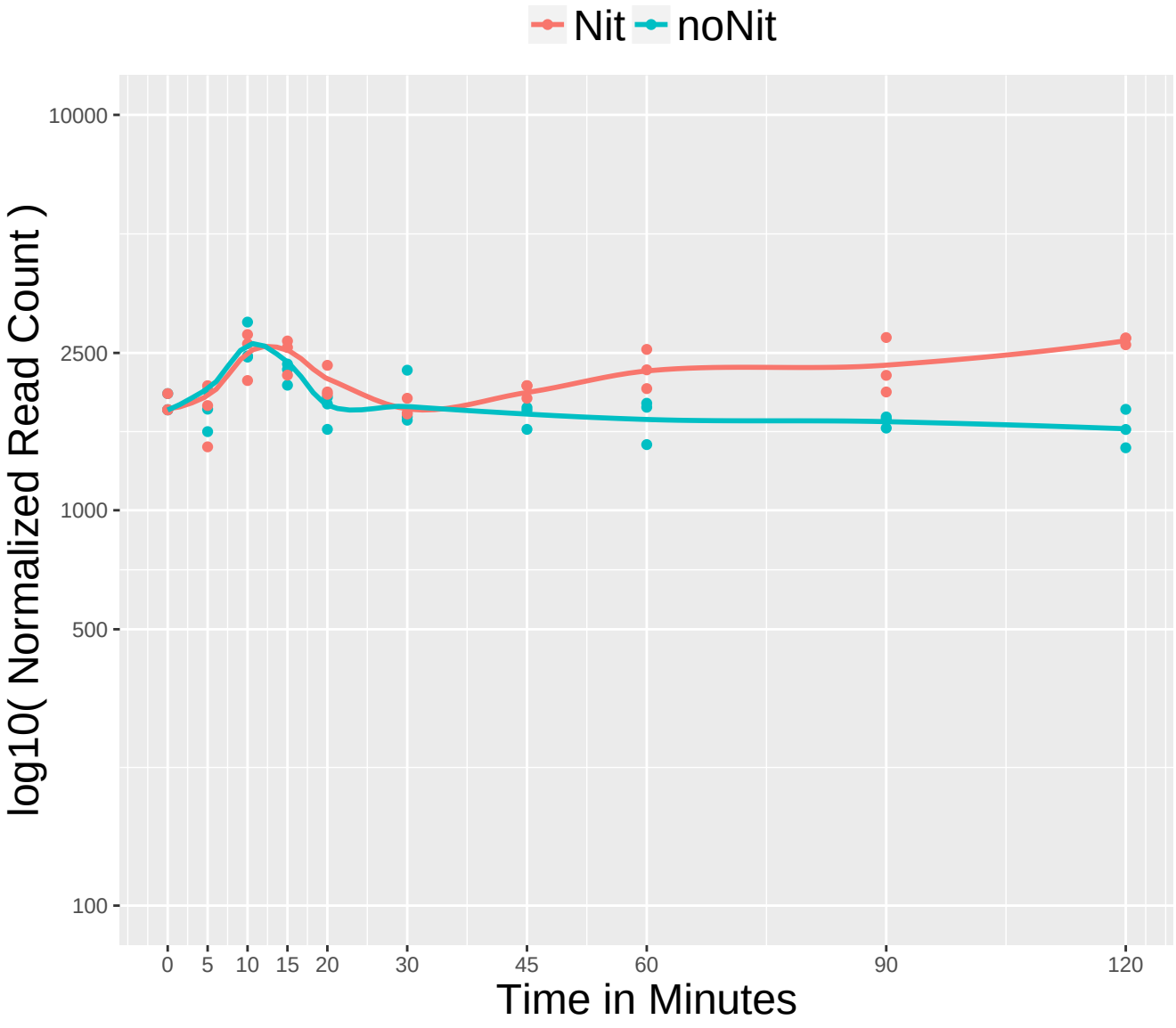
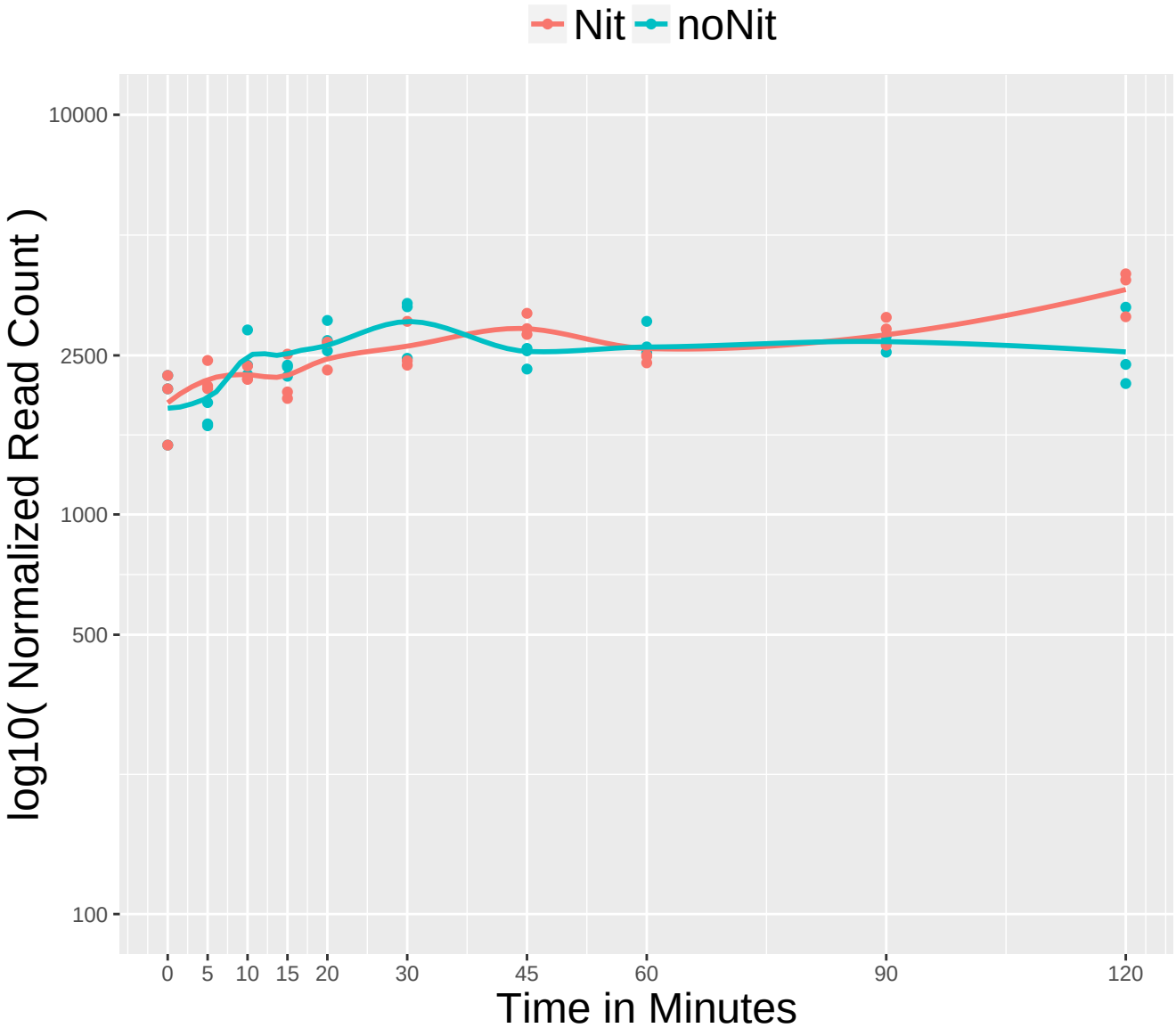
ATYLMG1−1,,emb1990,embryo



AT3G08030

Protein



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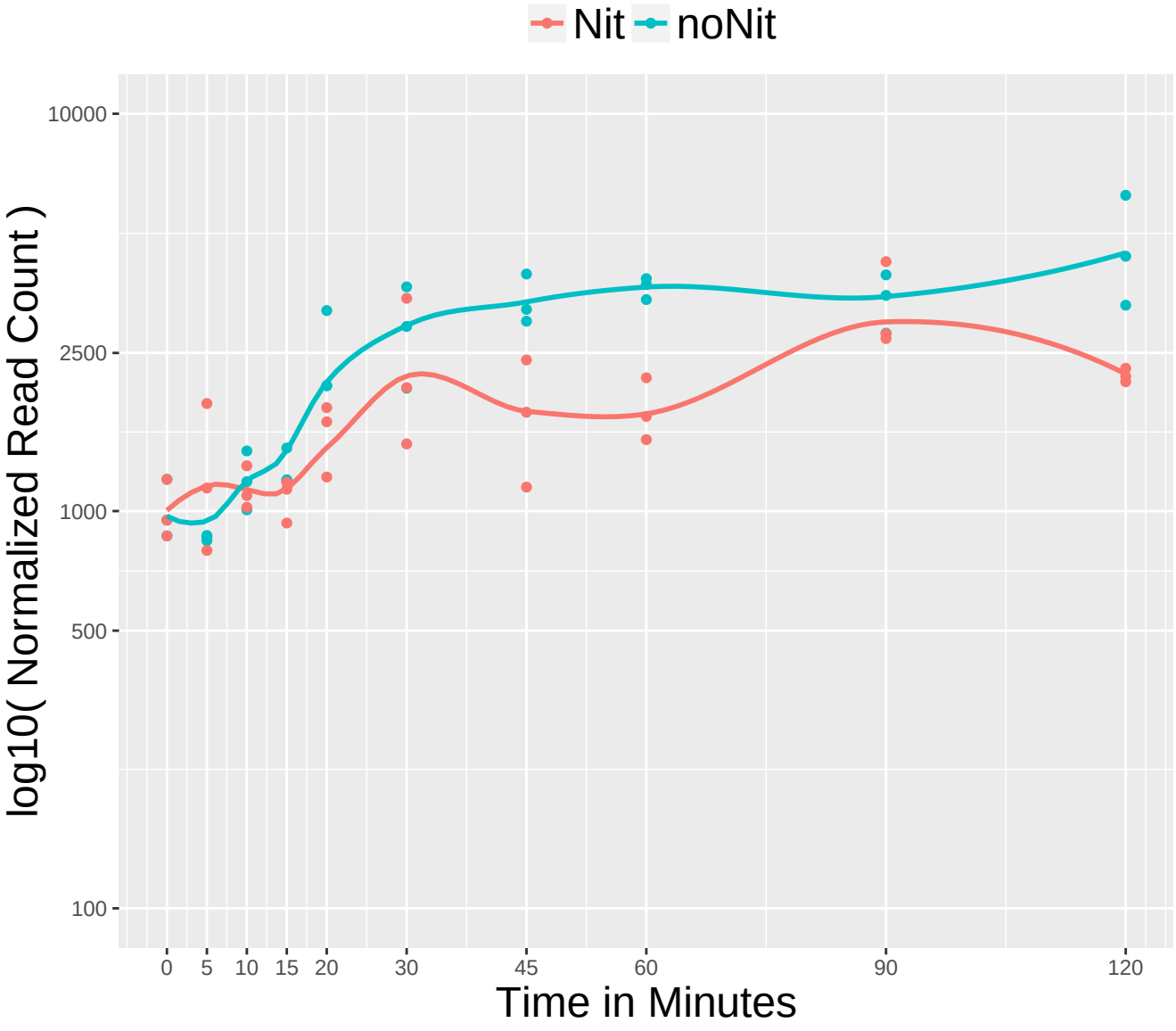
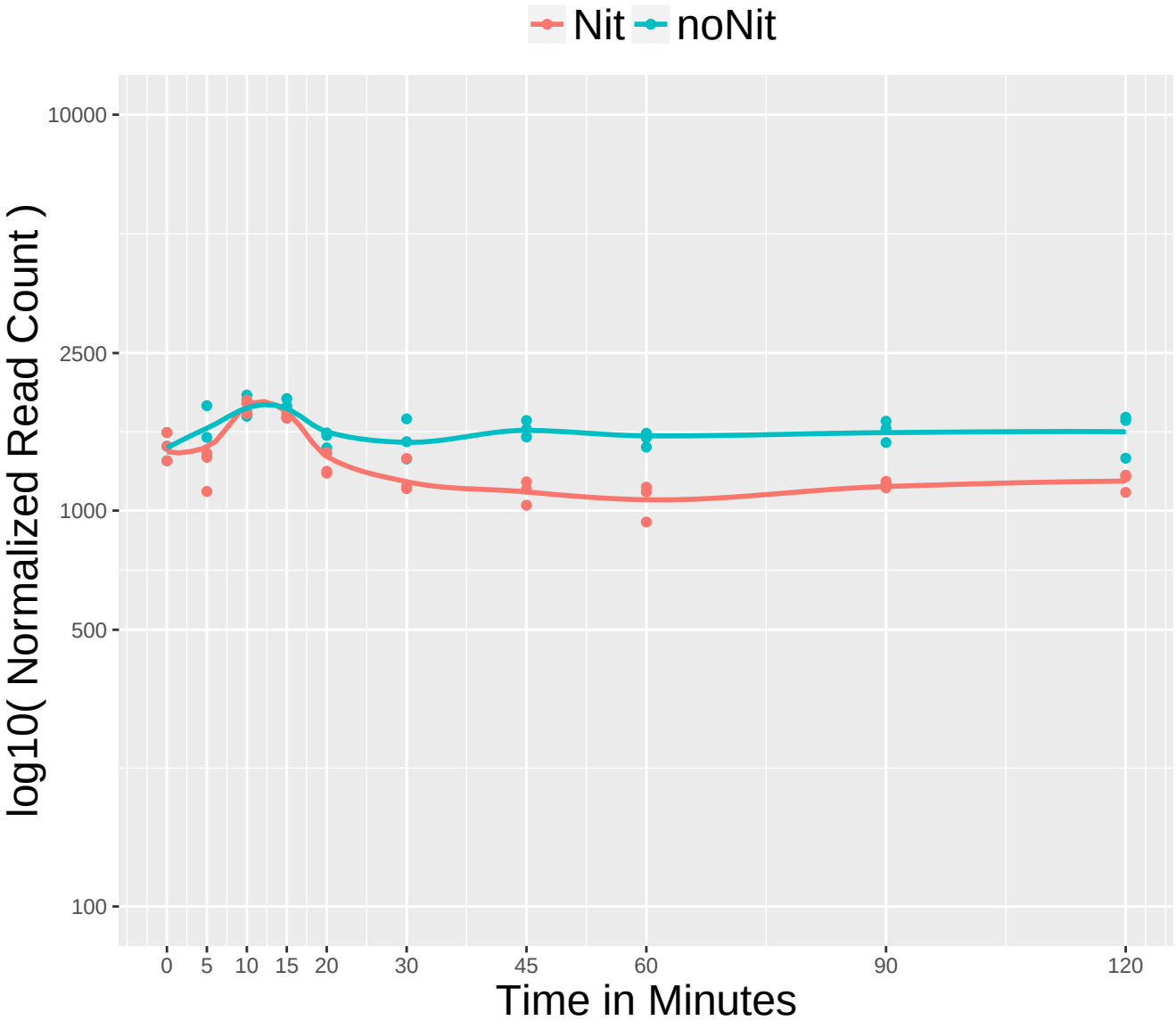
GABA−T,GAMMA−AMINOBUTYRATE



AT3G49350

Ypt/Rab−GAP



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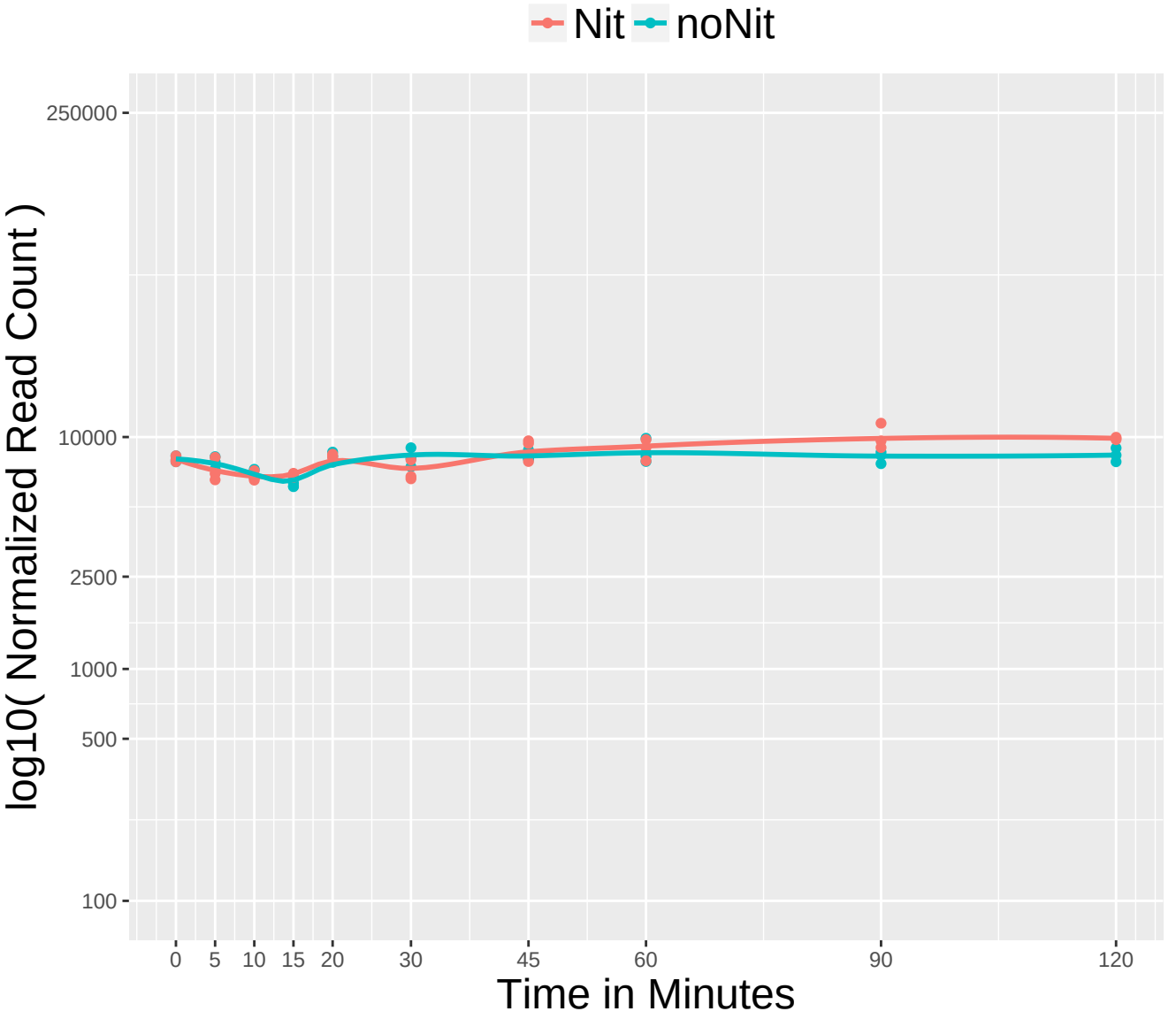
FMT,FRIENDLY



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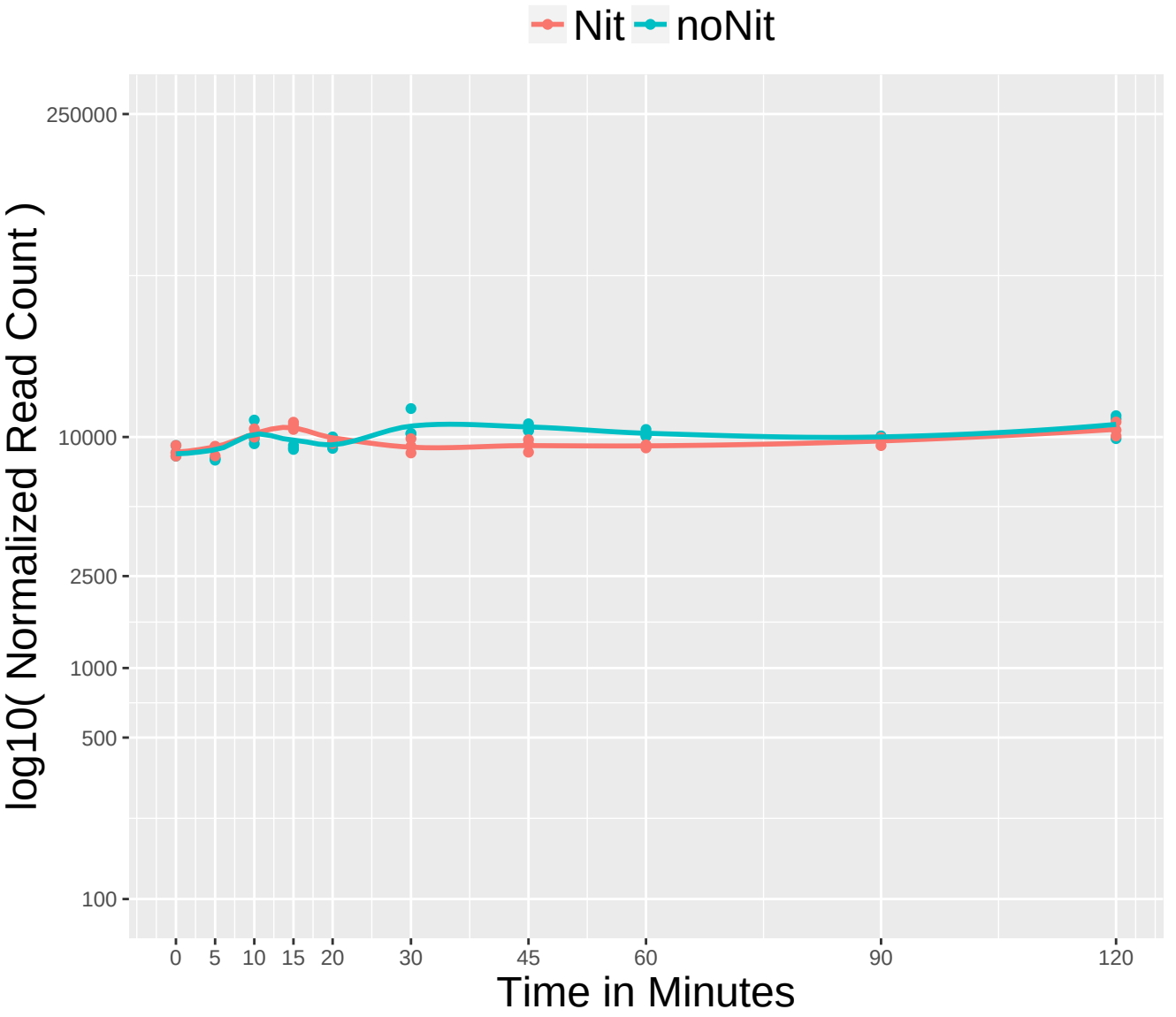

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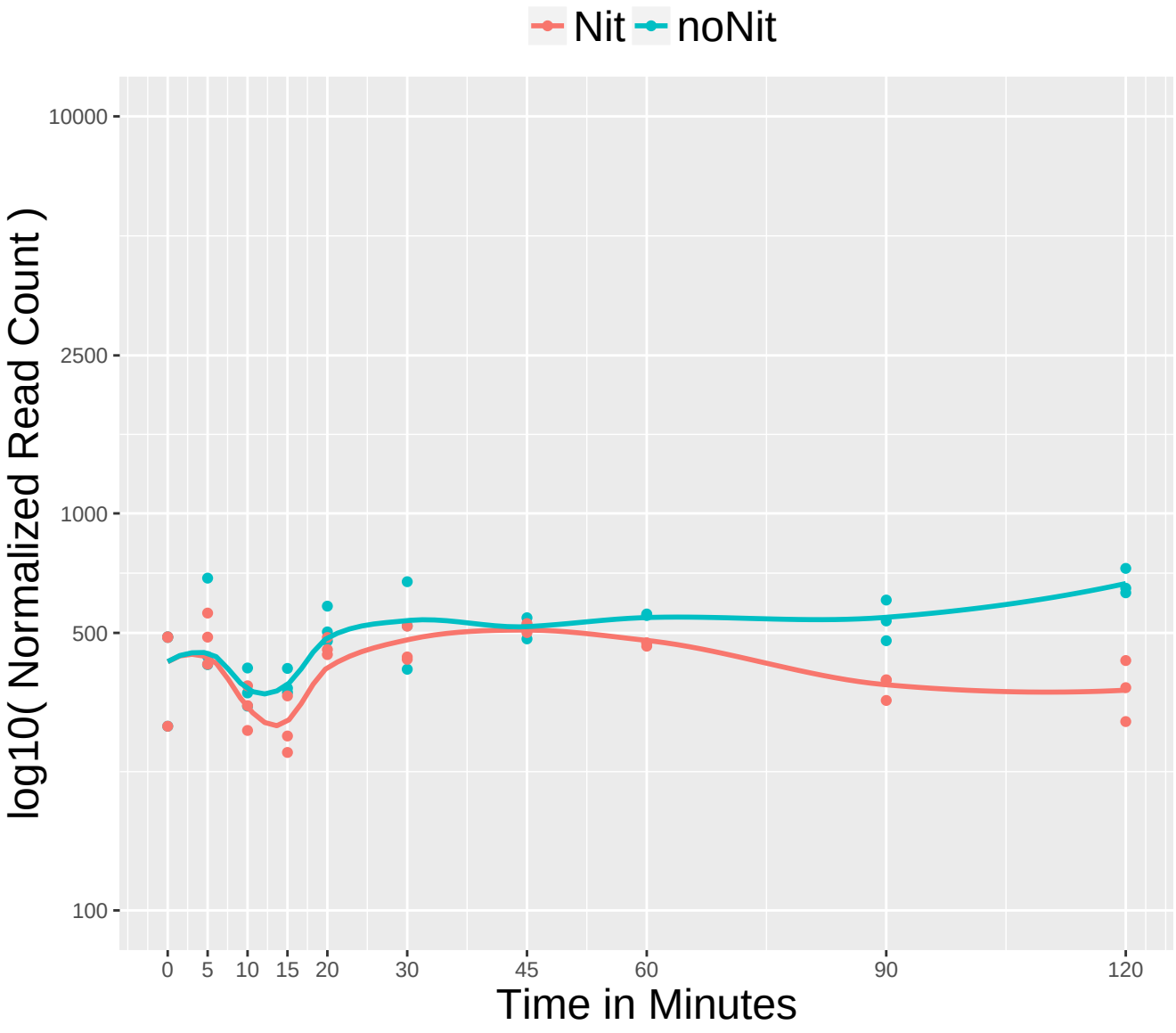
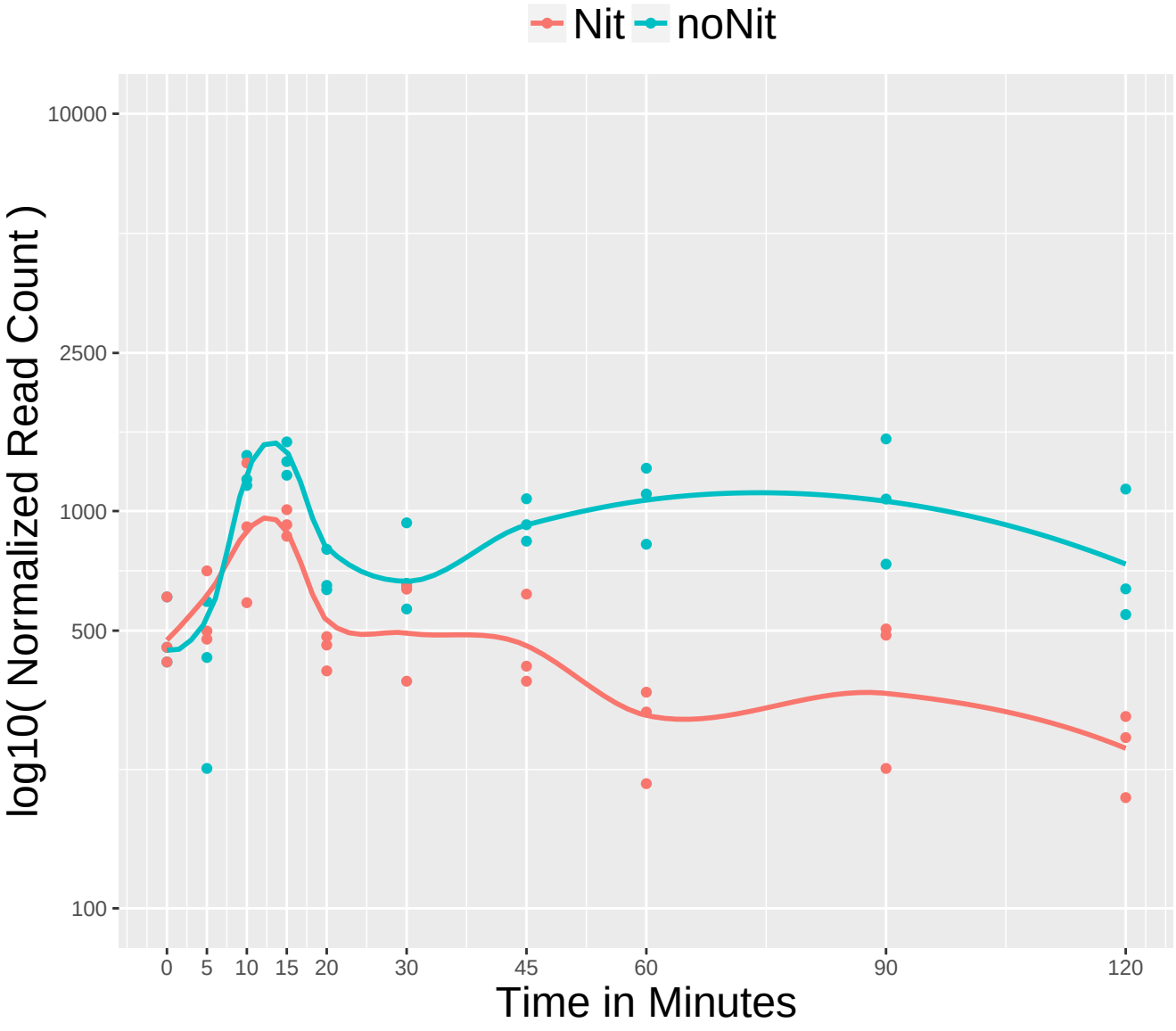


AT5G01550

LECRKA4.2,lectin



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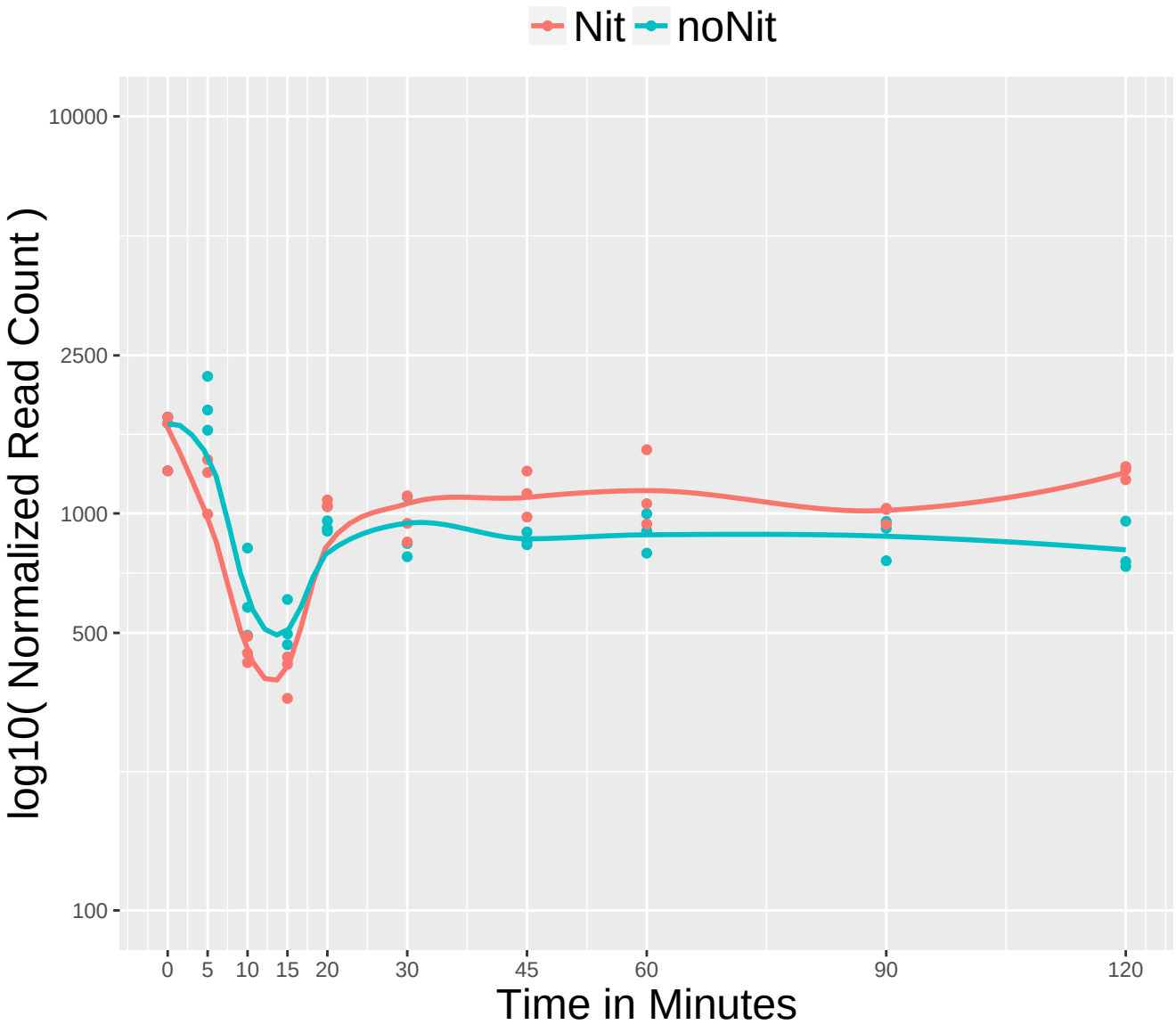
SDN2,small



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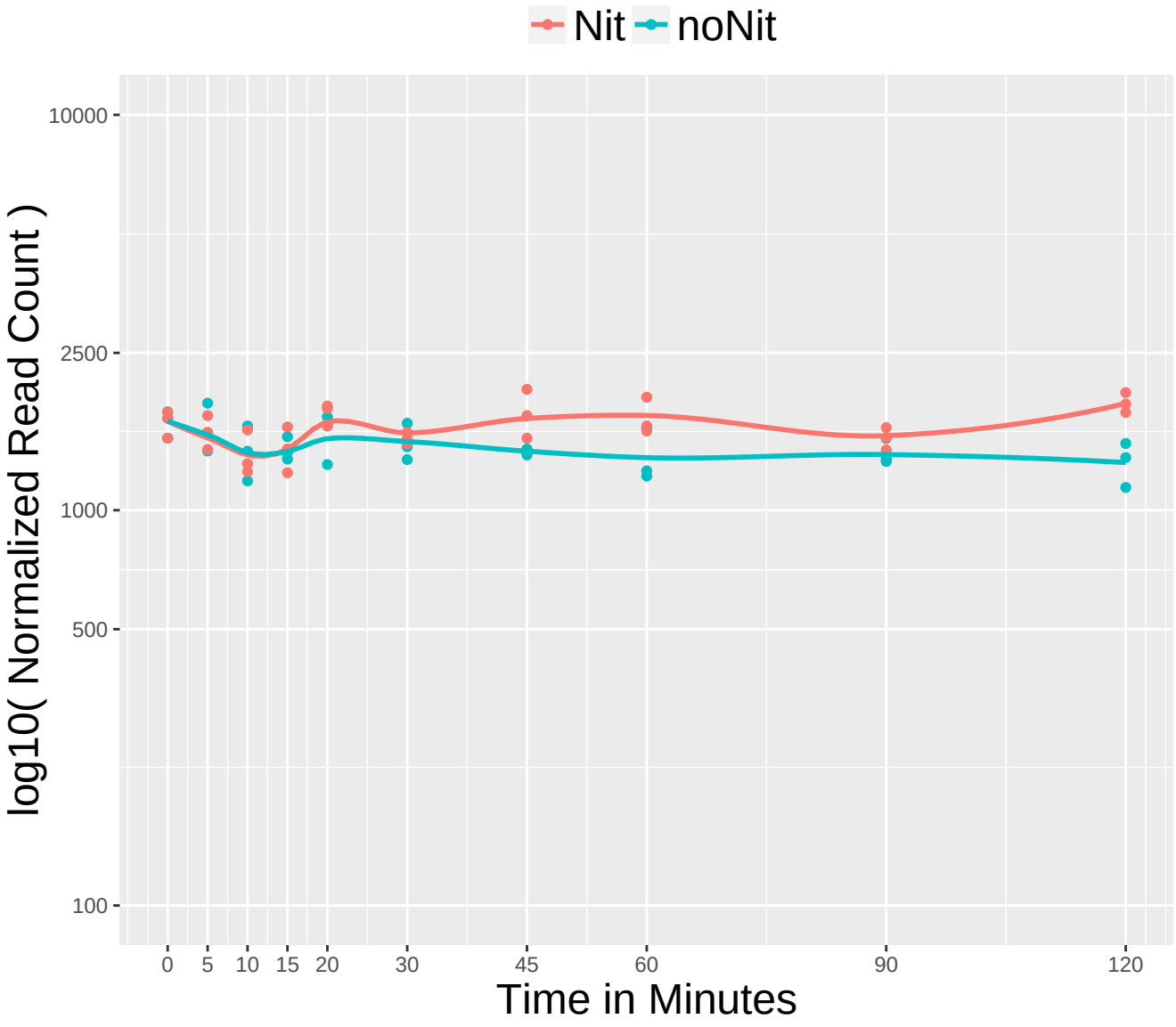
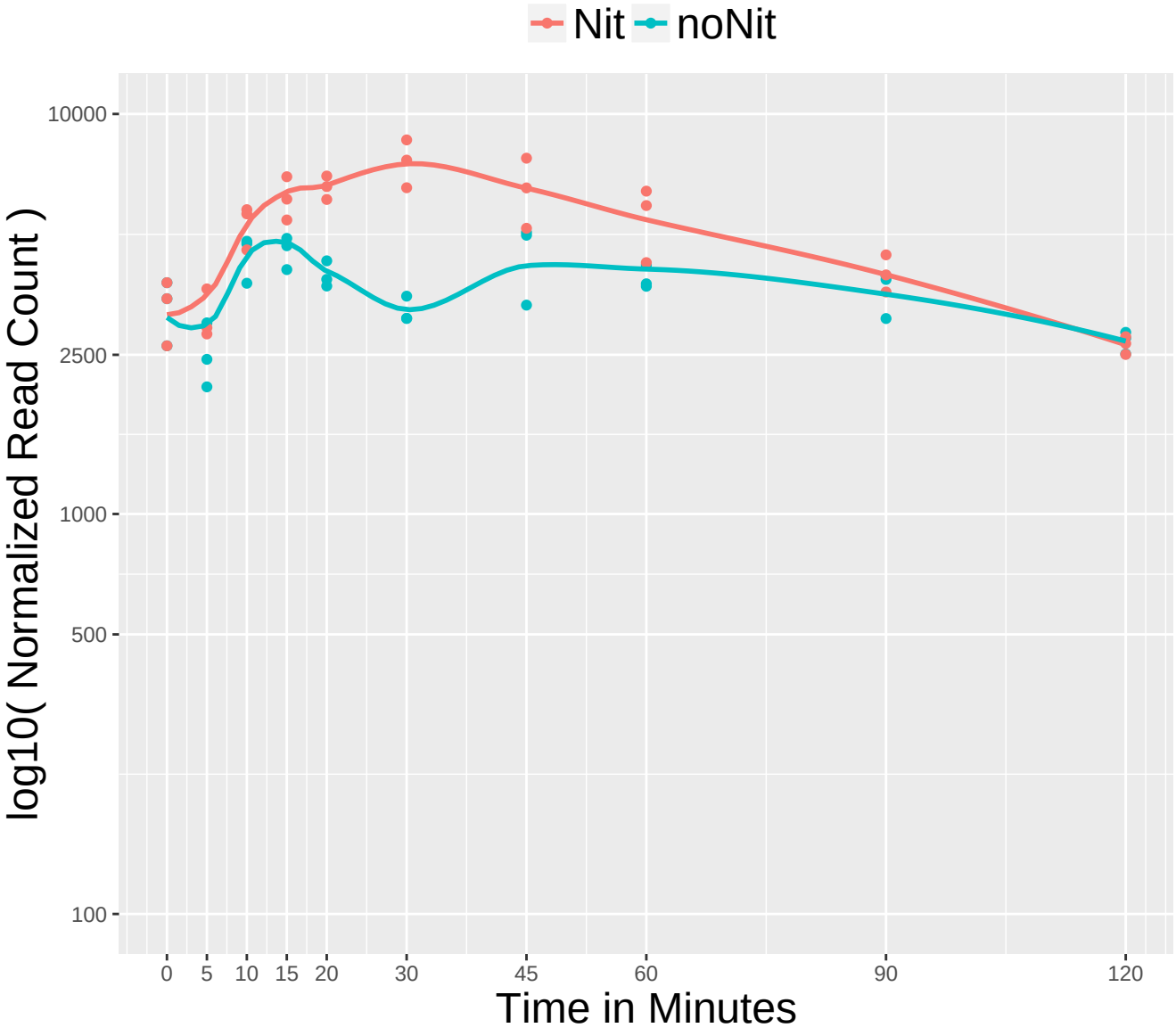
Acyl−CoA



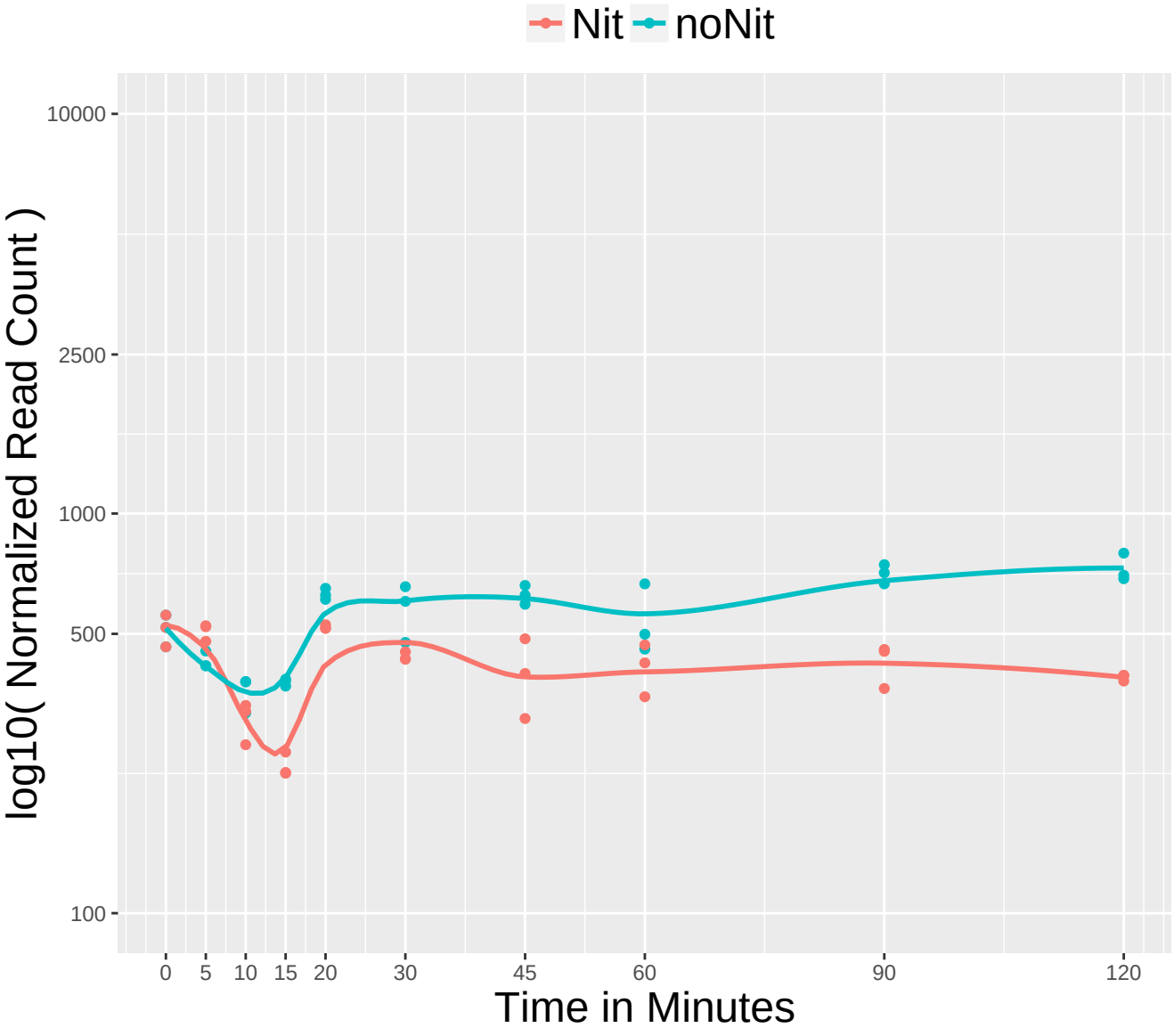
AT5G64550

loricrin−related



AT1G25320

Leucine−rich



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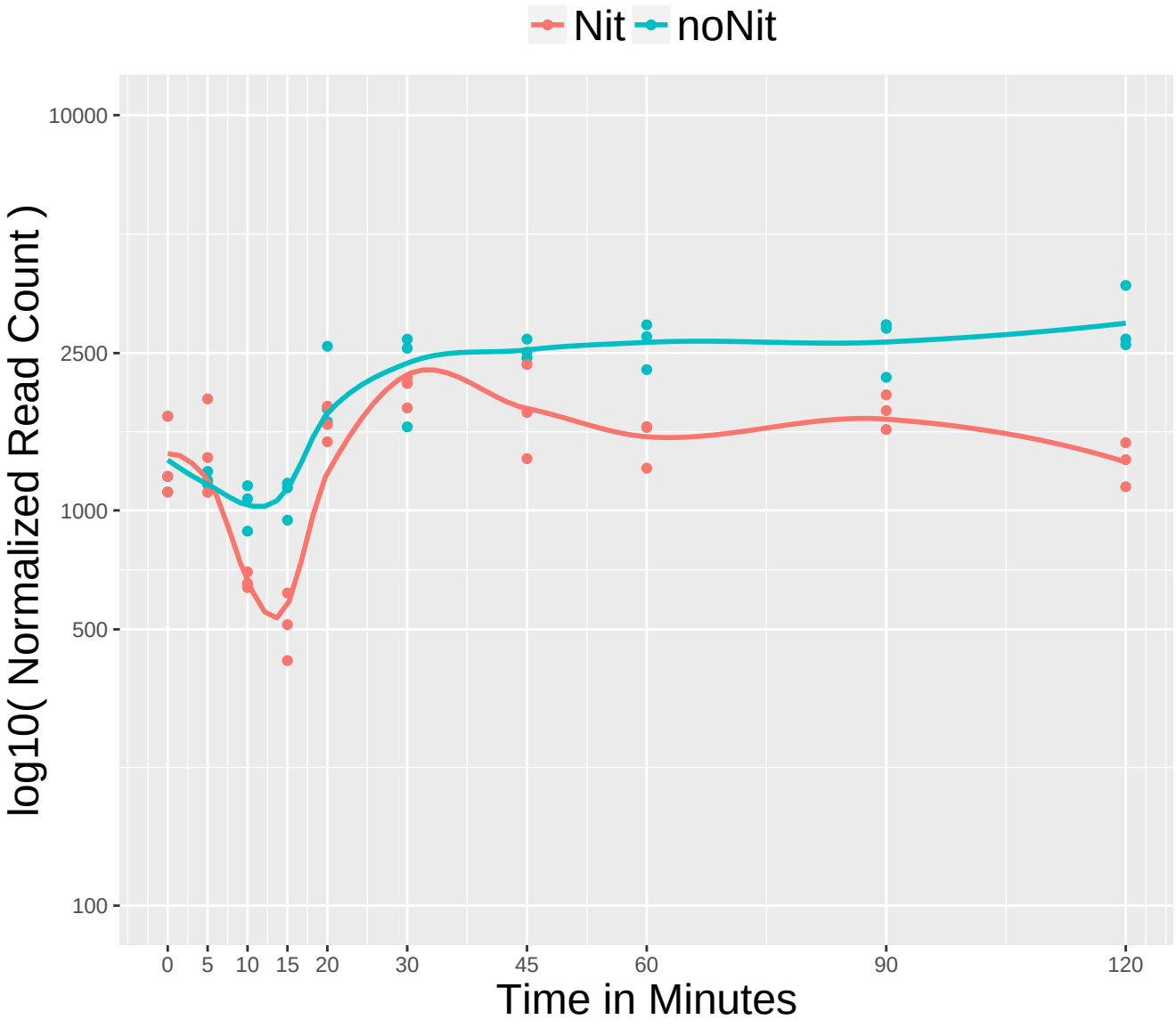
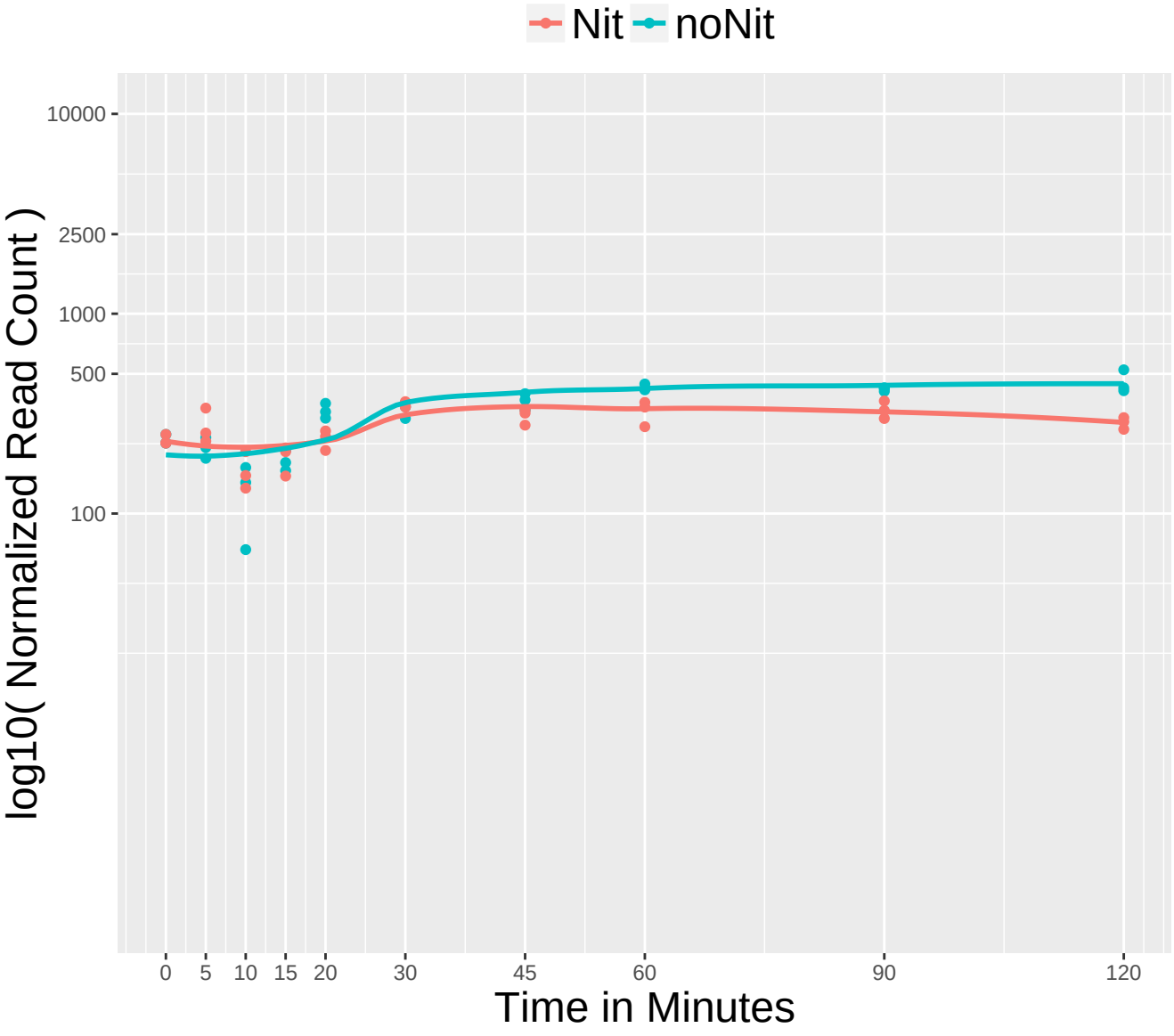
ABCG24,ATP−binding



AT1G67410

Exostosin



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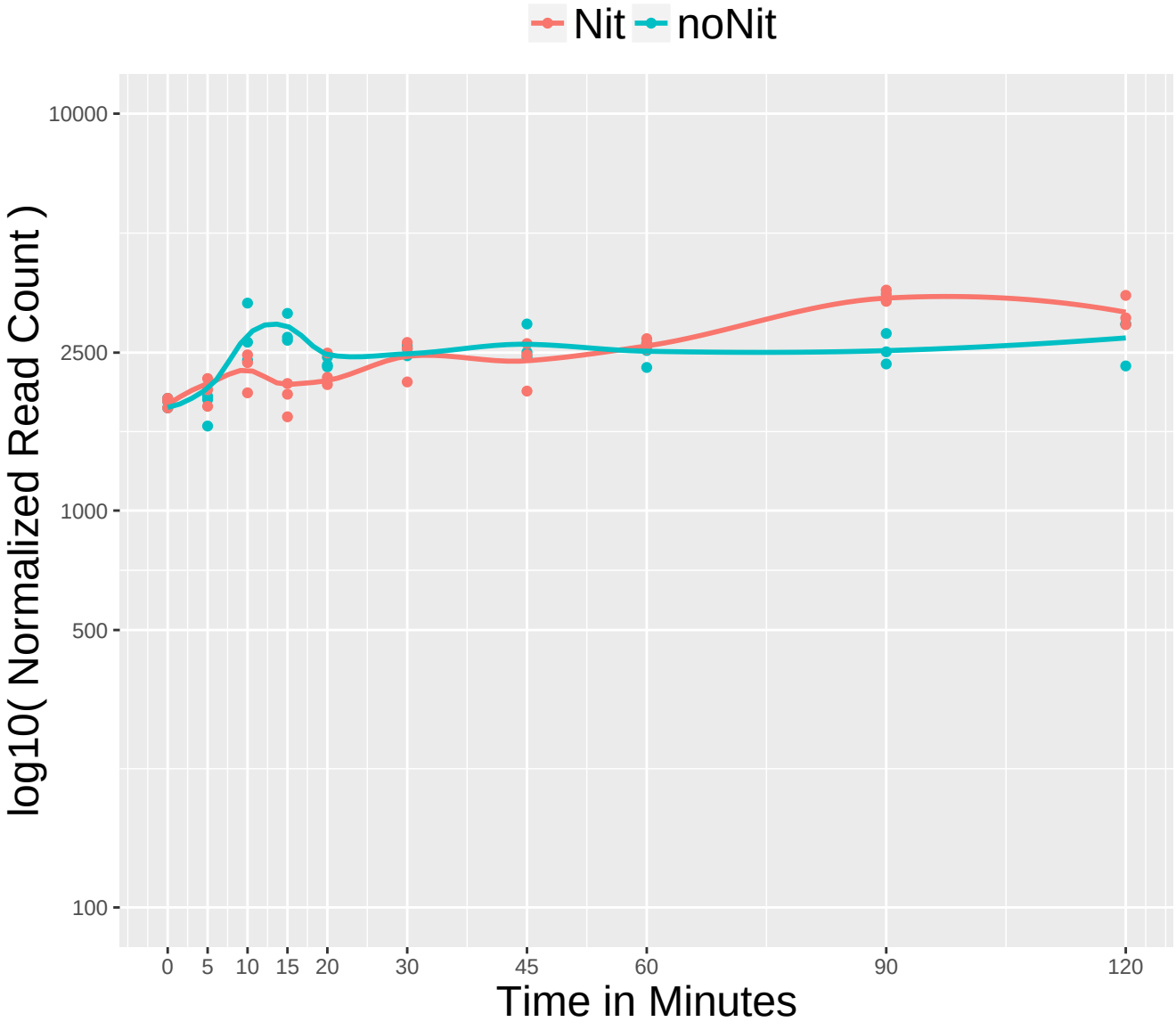
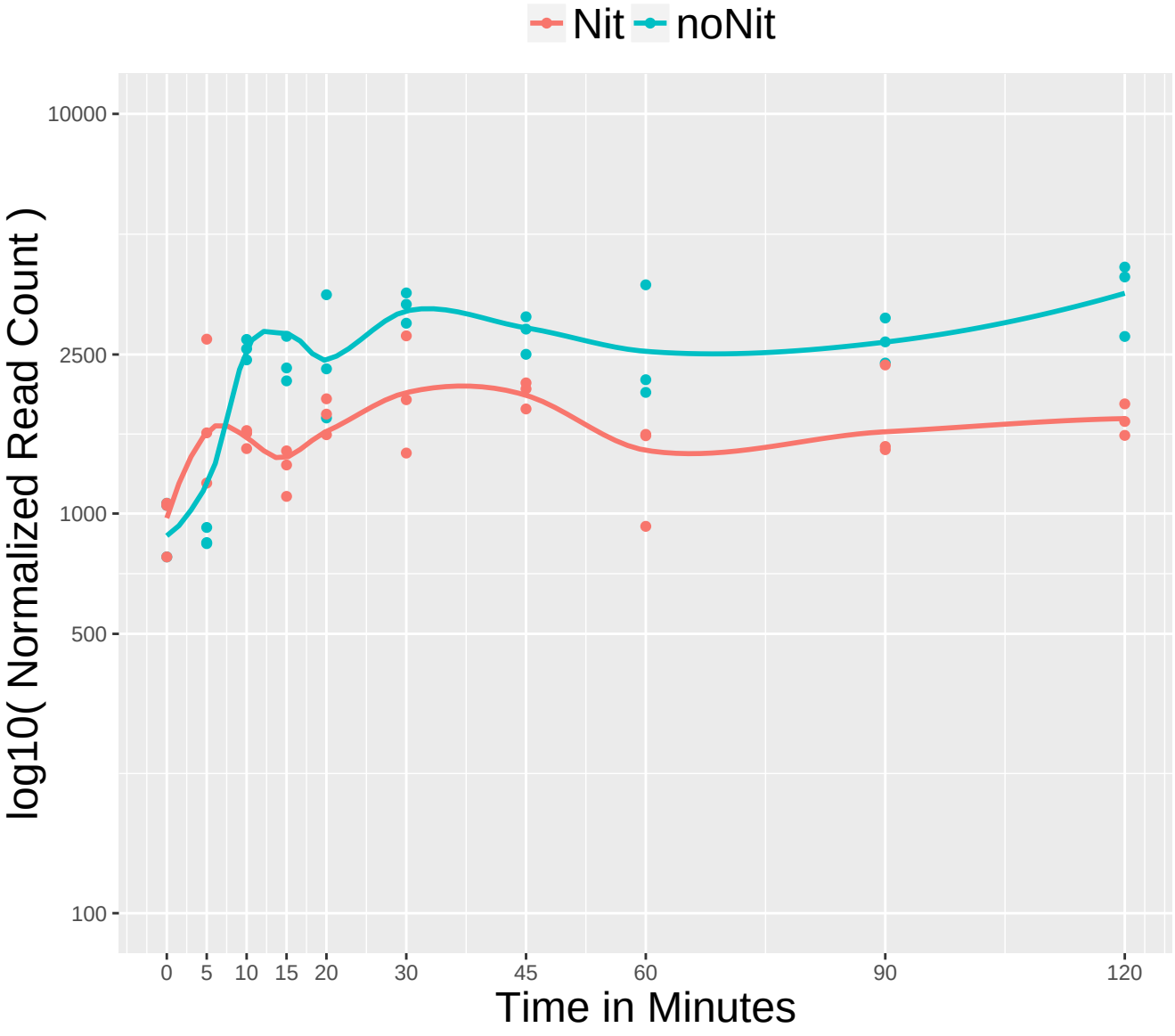
LPR2,Low



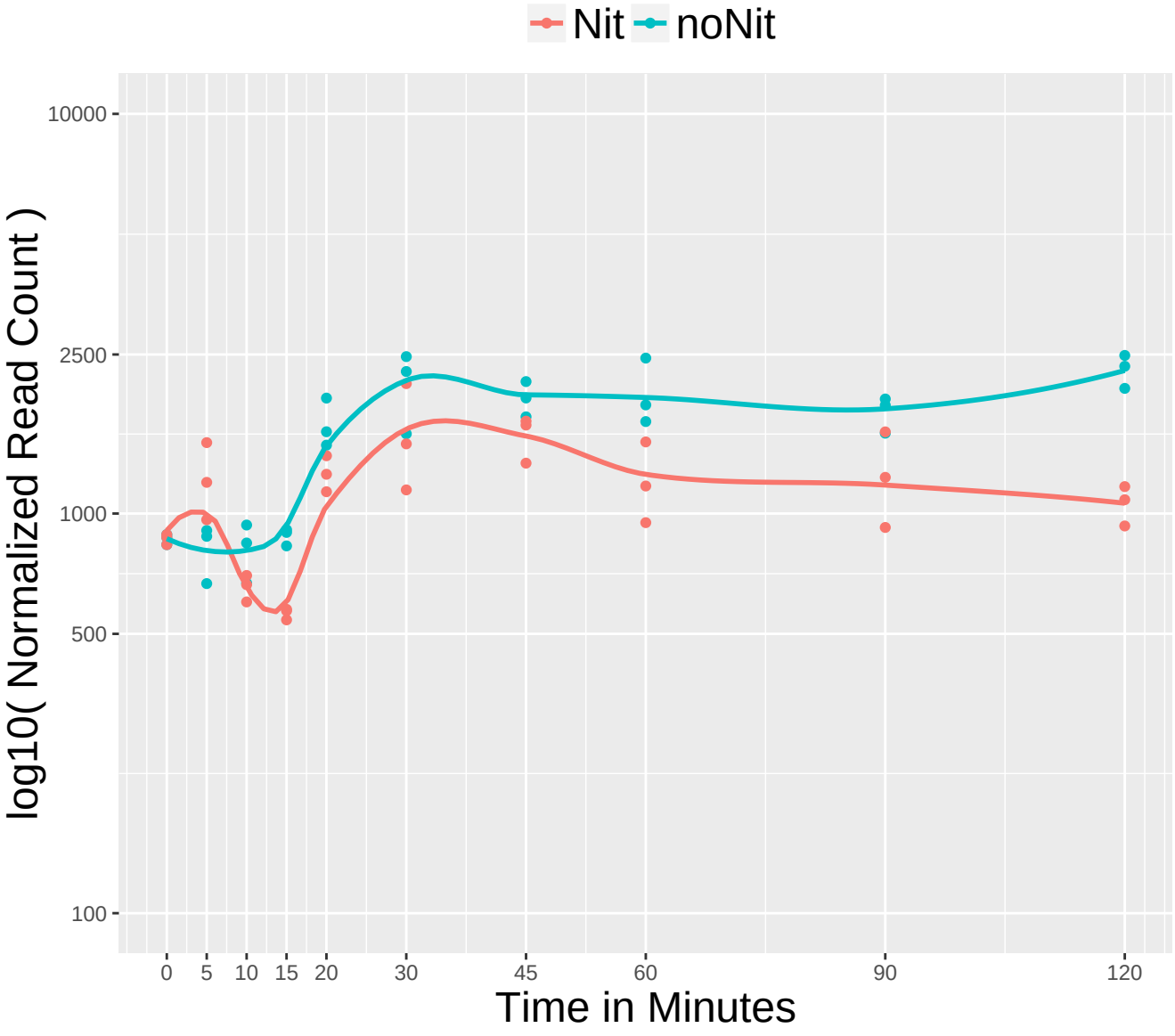
AT2G18980

Peroxidase



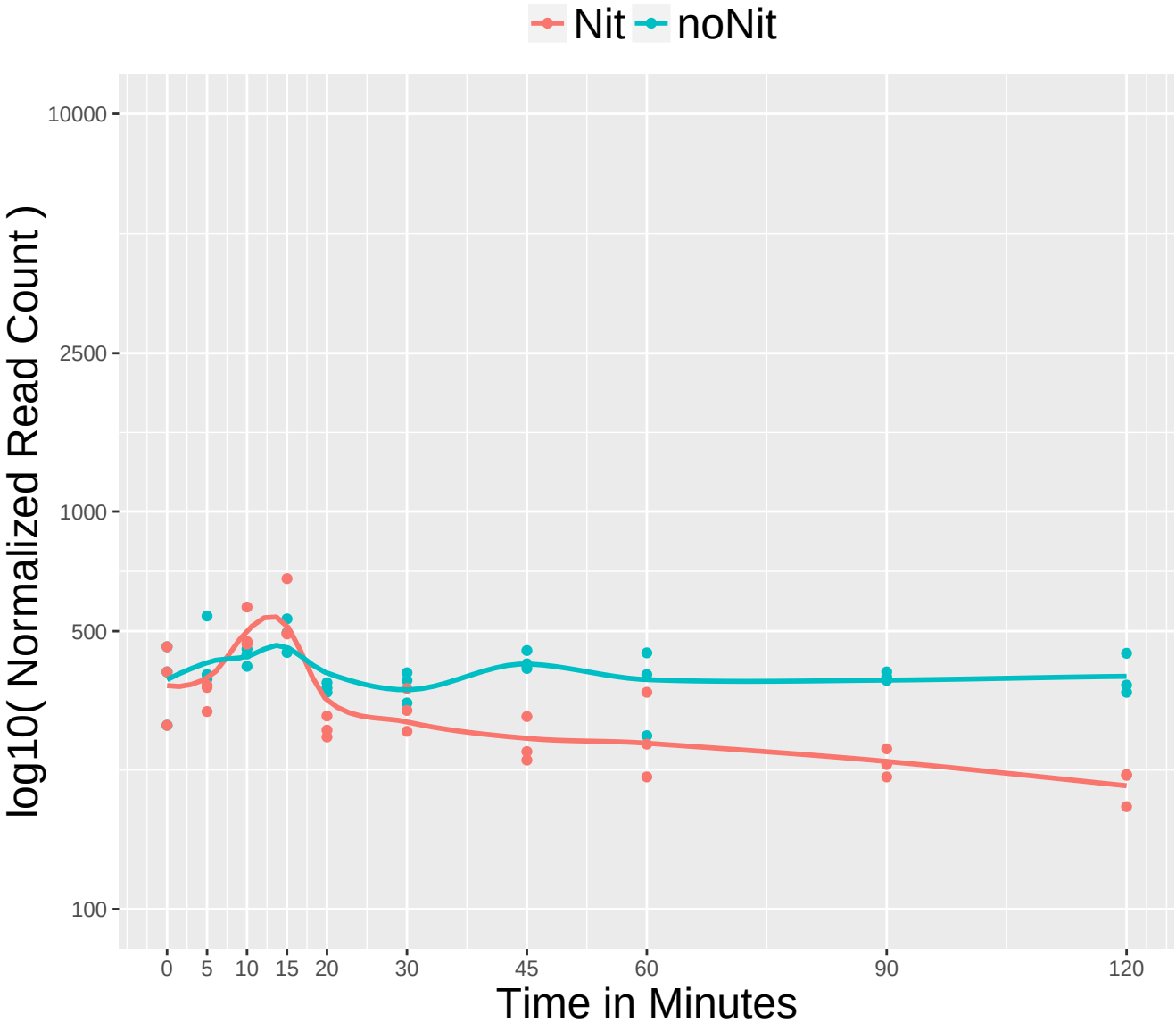
AT2G24170

Endomembrane

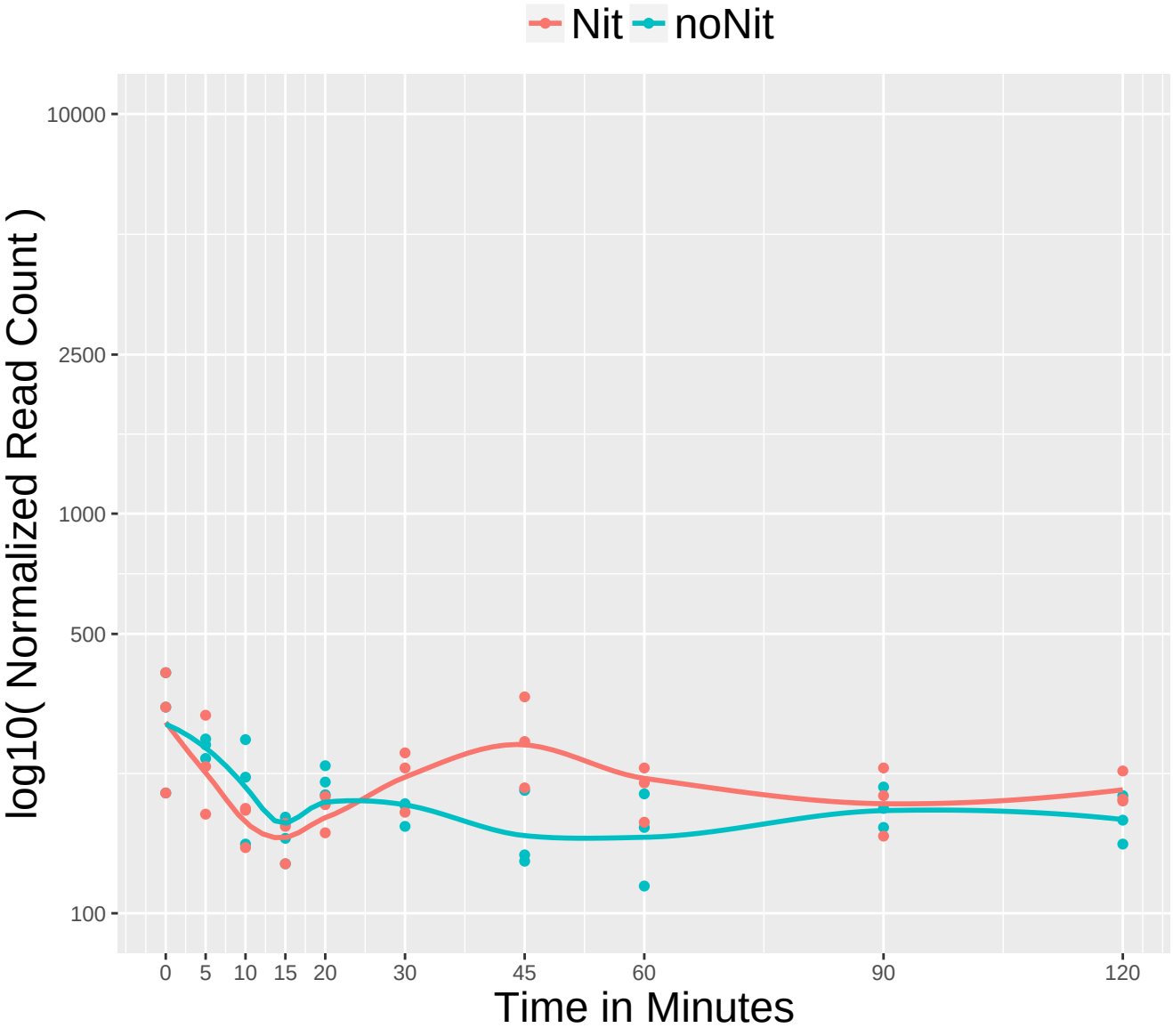


AT2G25290

Phox1,Phox1

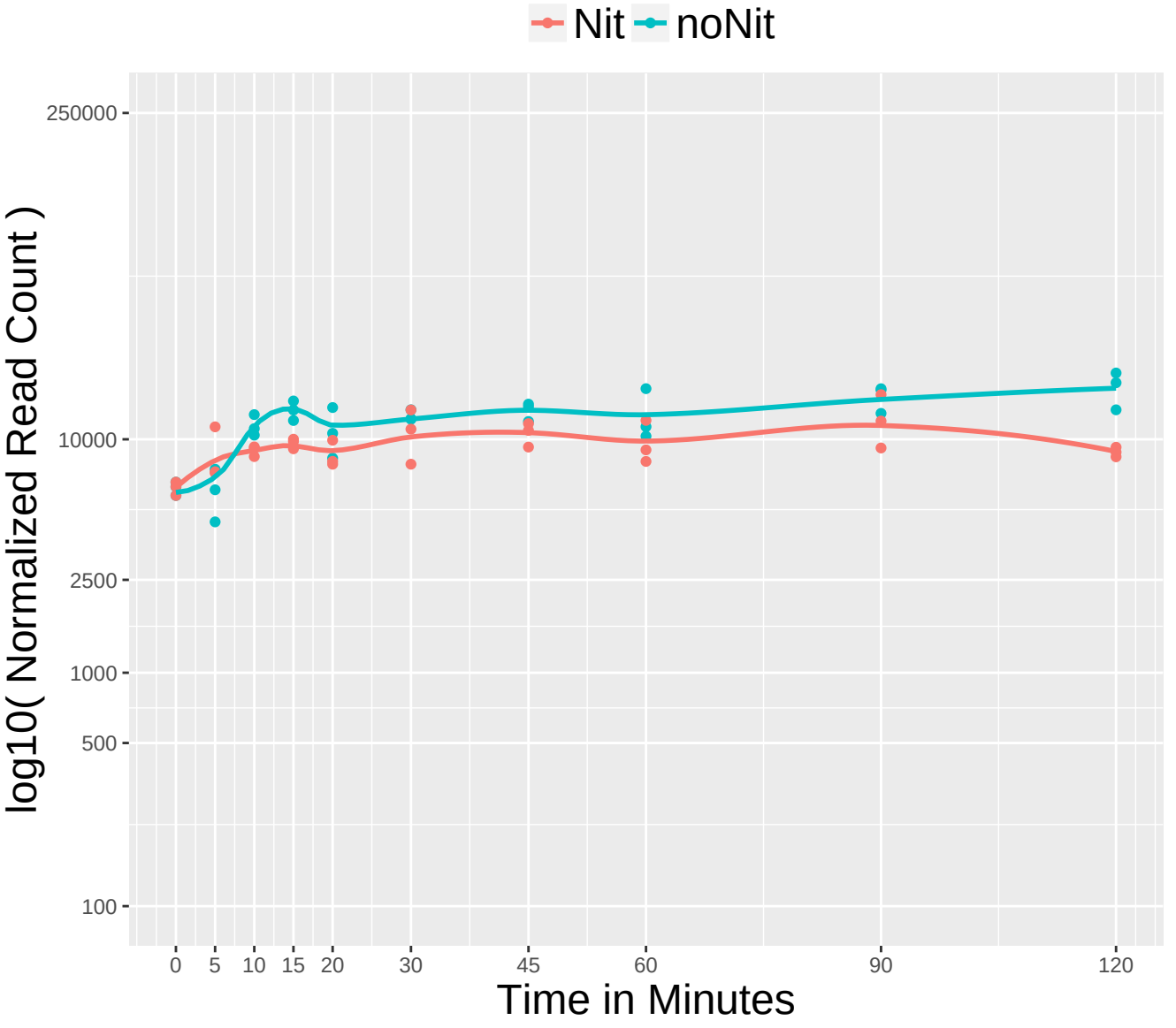


AT2G33400


Nit
noNit
10000
2500
1000
500
100
log10(Normalized Read Count)
0
5
10
15
20
30
45
60
90
120
Time in Minutes

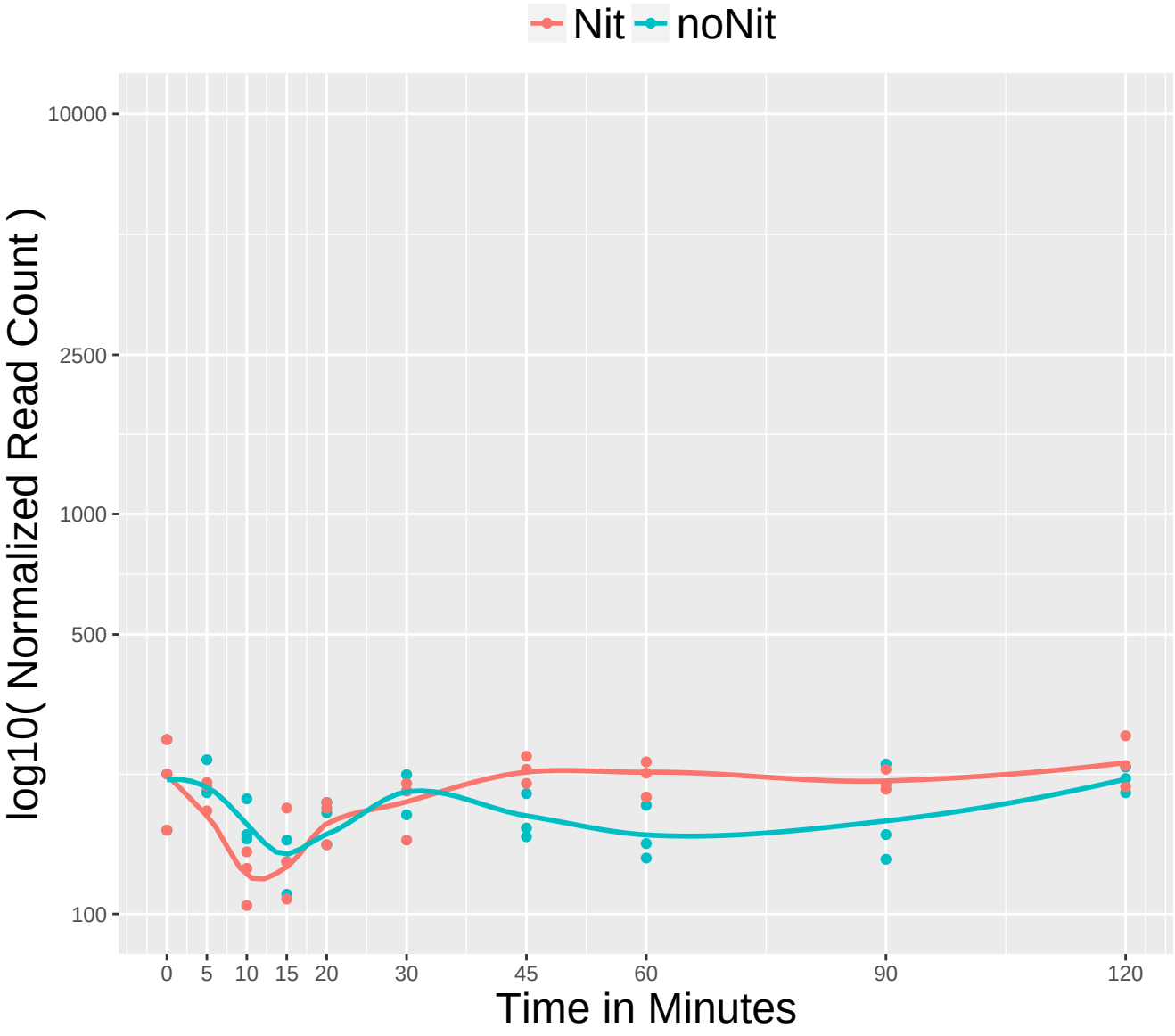
AT3G01190

Peroxidase



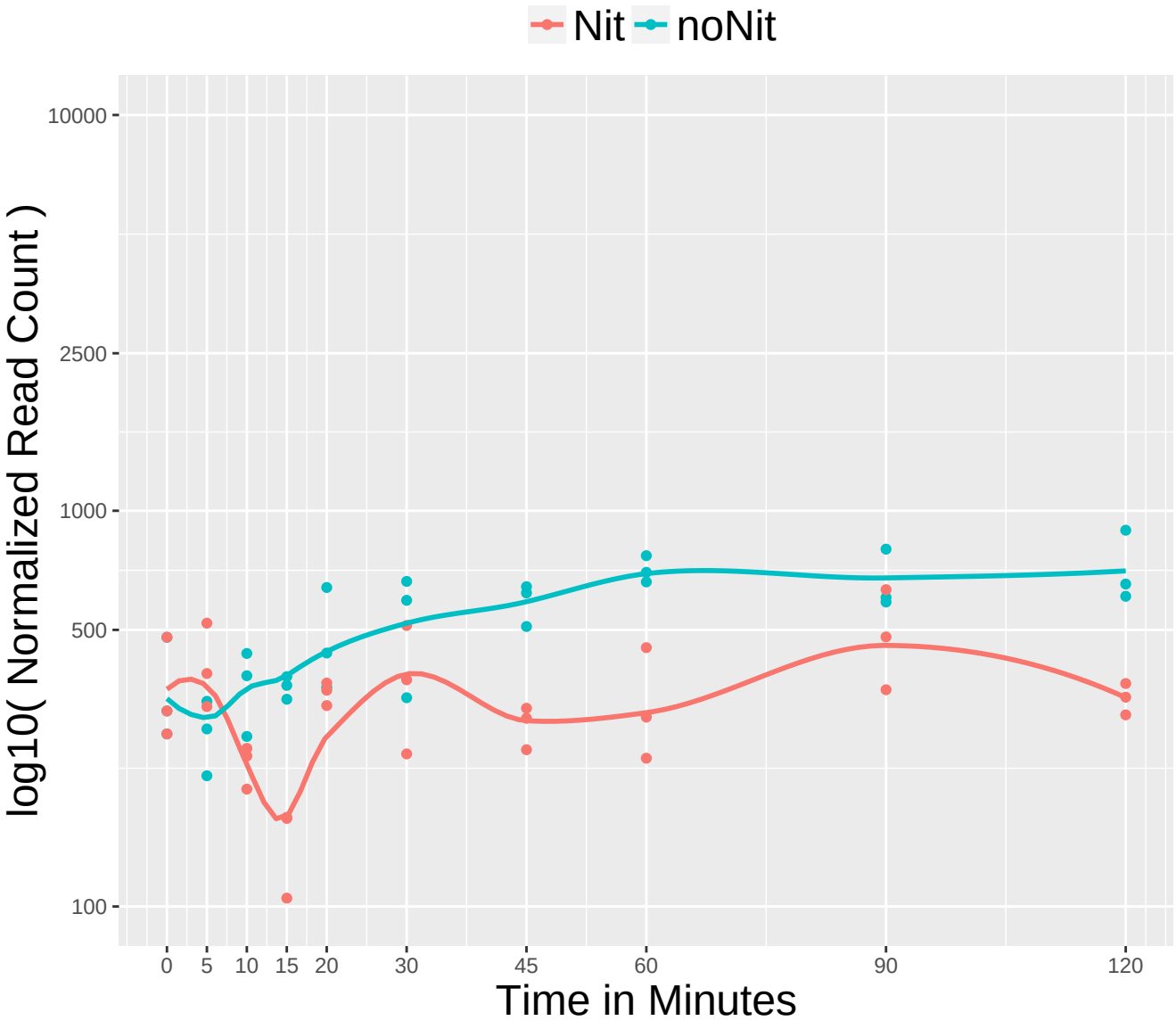
AT3G02820

zinc



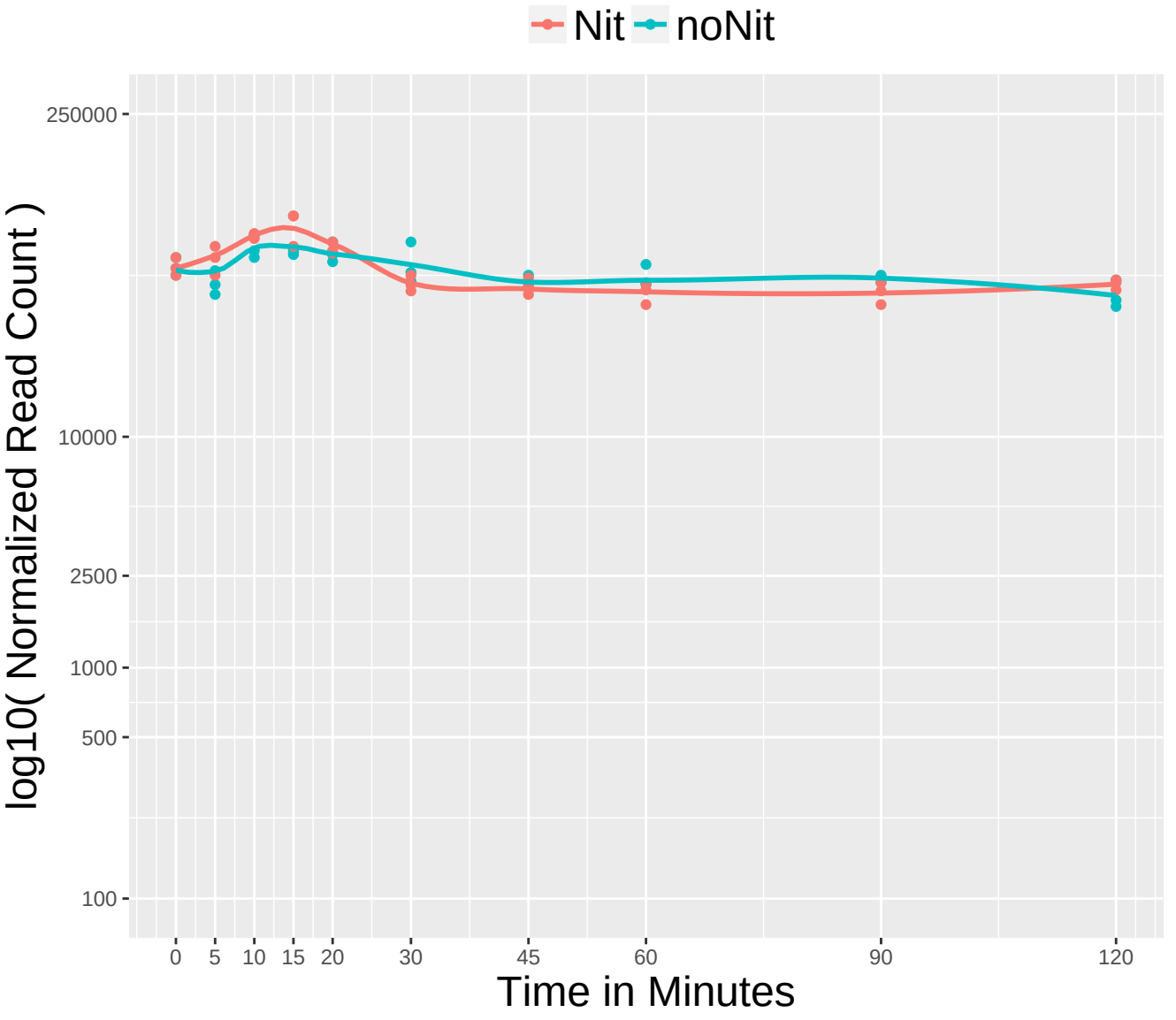
AT3G04010

O−Glycosyl



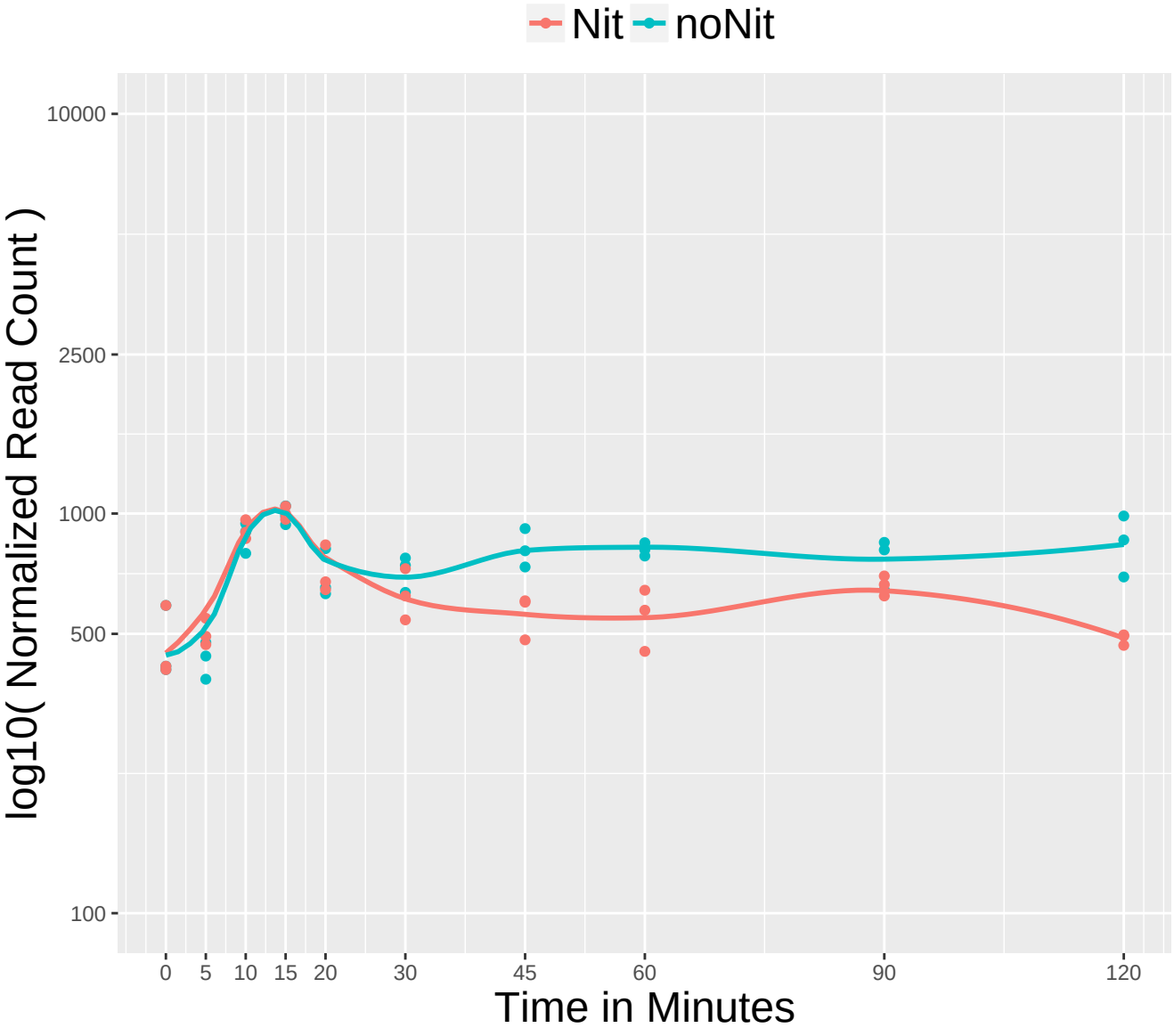
AT3G12120

FAD2,fatty



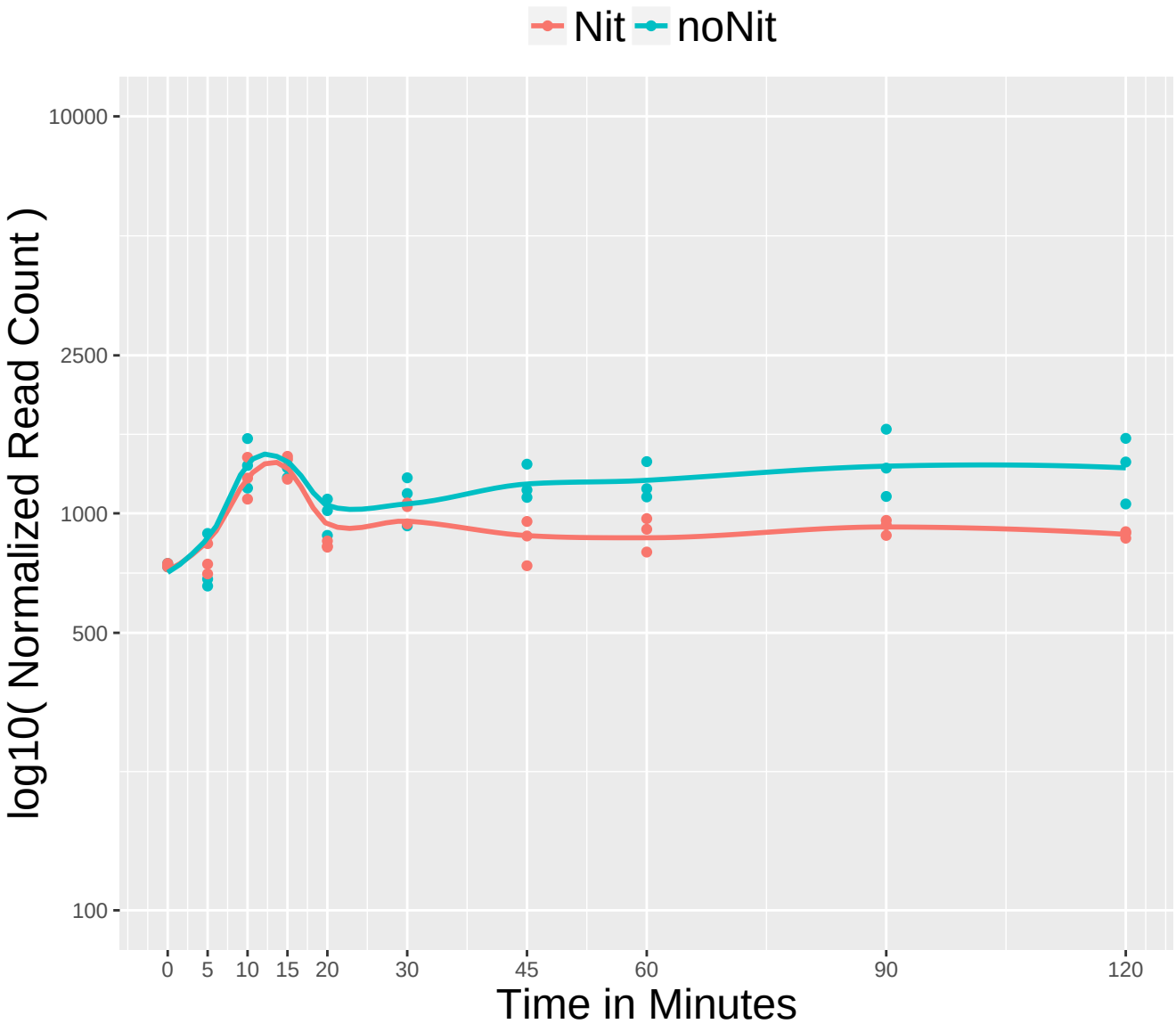
AT3G18350

Plant



AT3G21070

ATNADK−1,NAD



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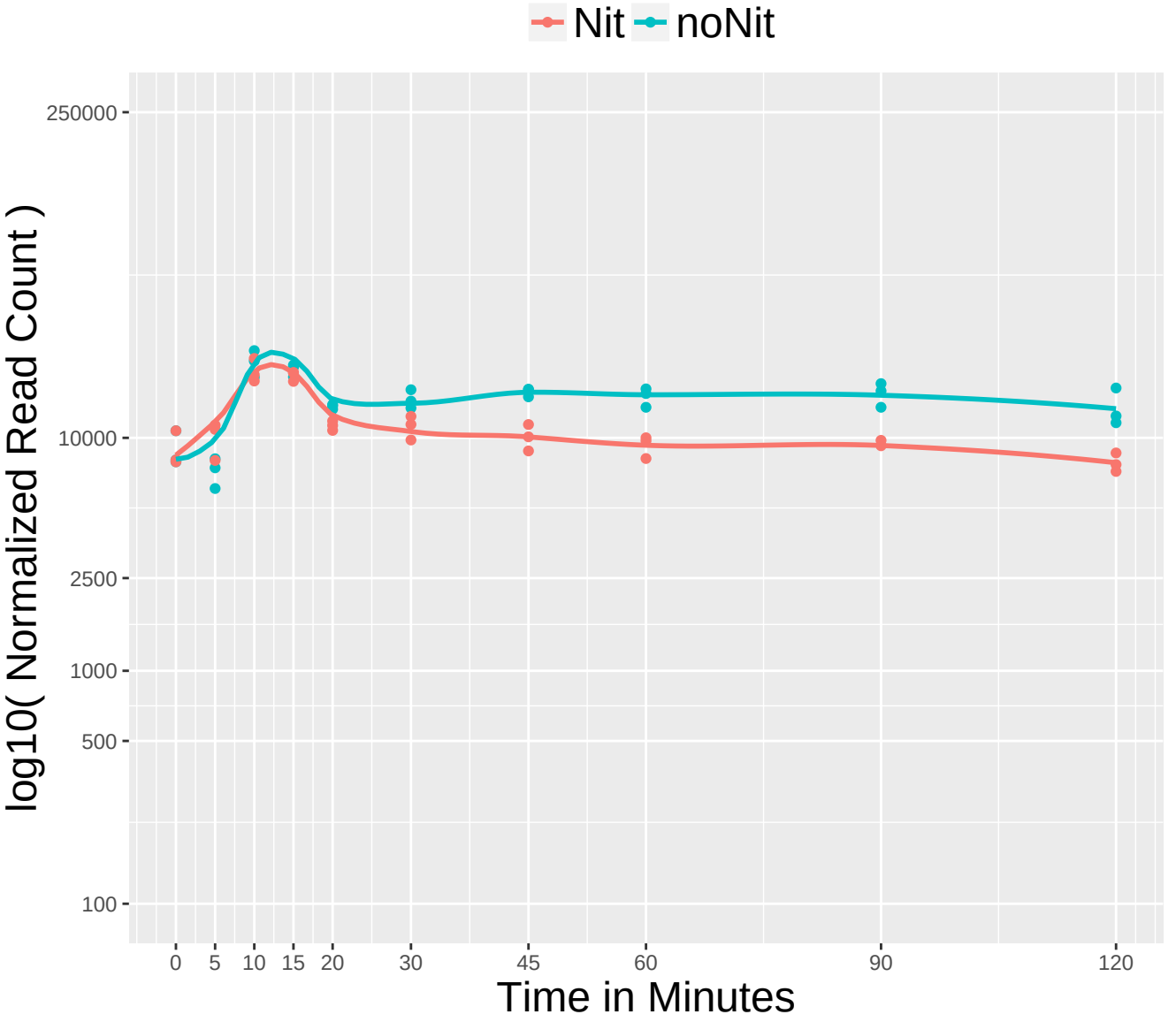
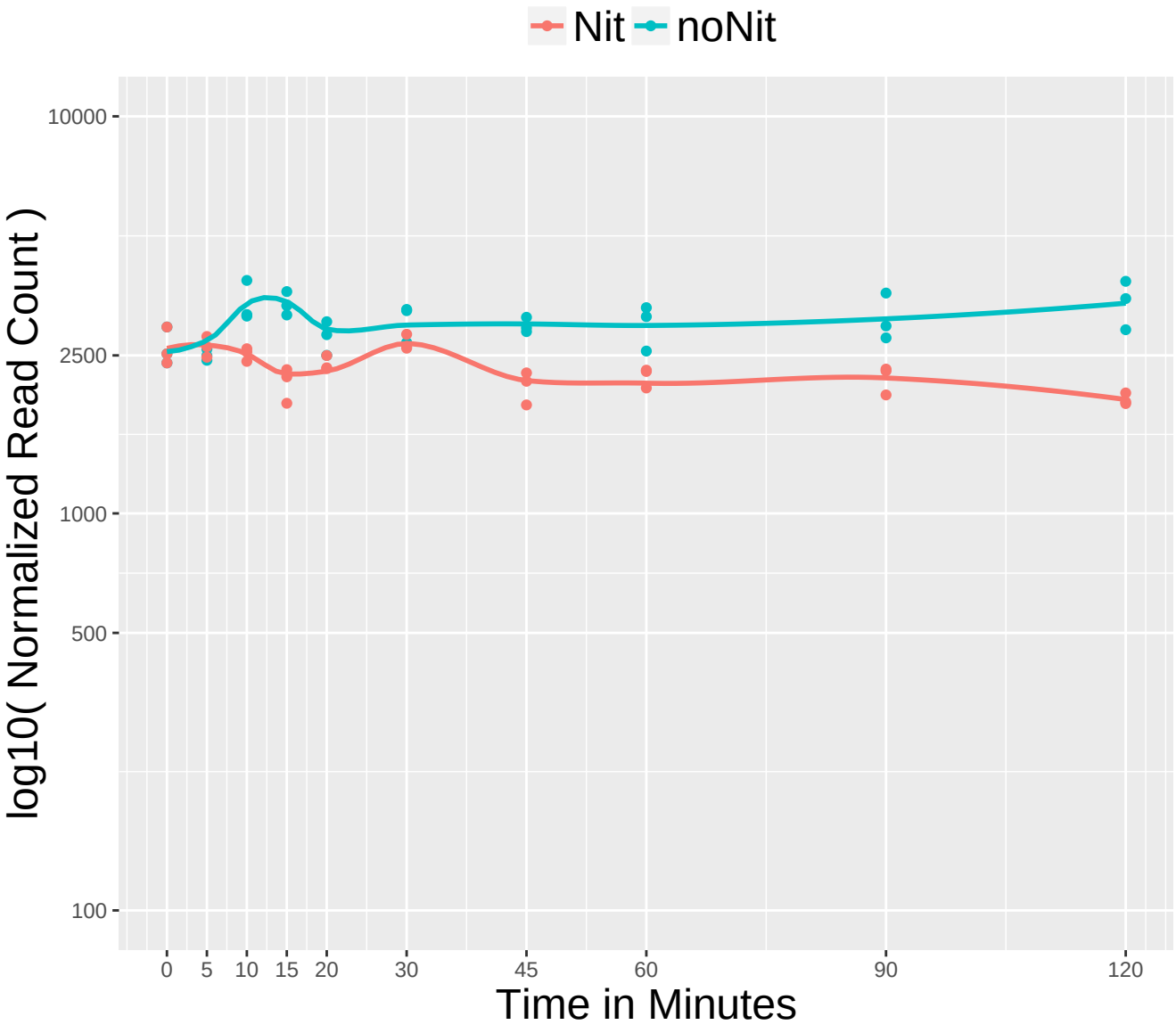
UBQ14



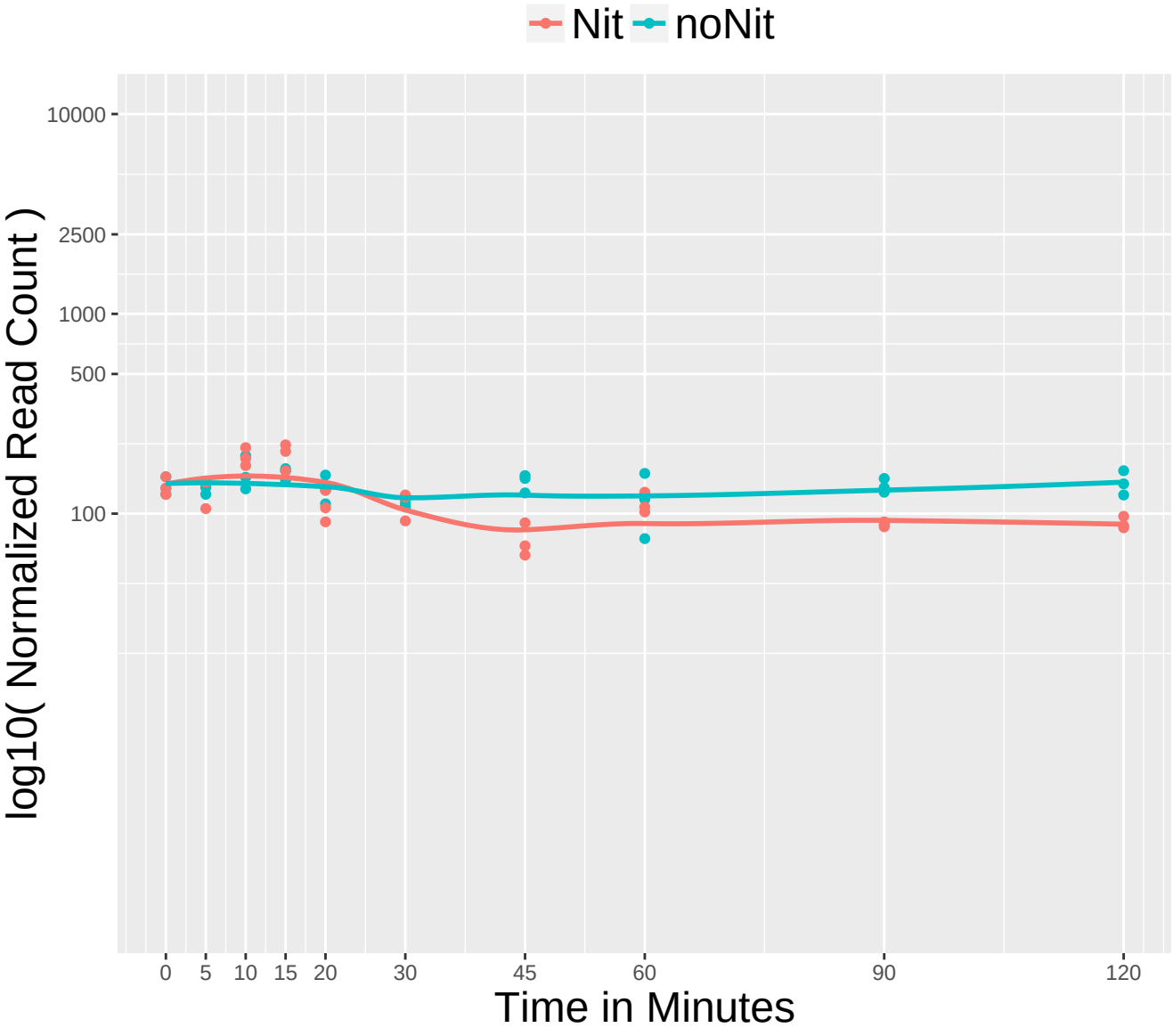
AT4G32040

KNAT5,KNOTTED1−like



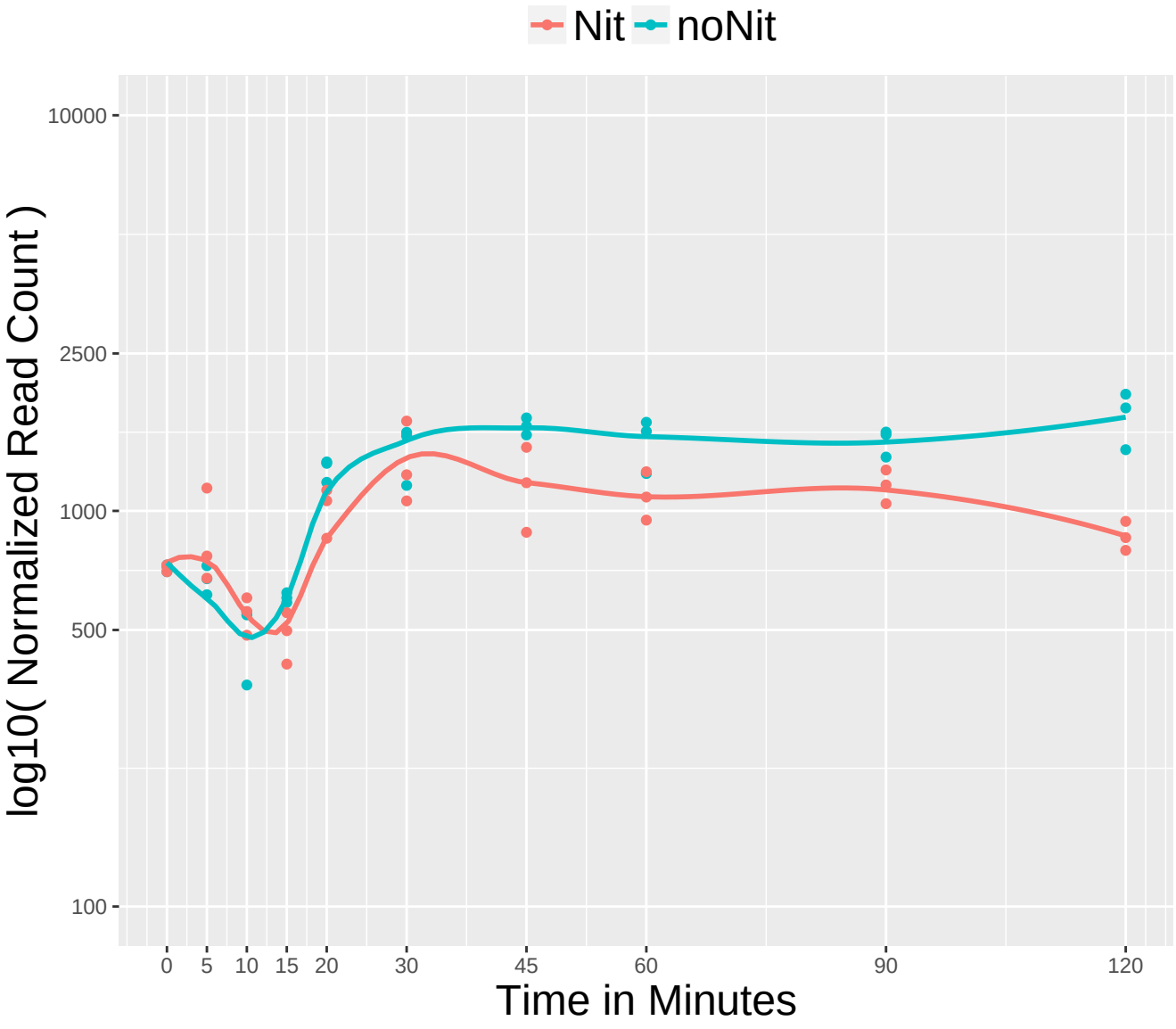
AT5G39865

Glutaredoxin



AT5G52560

ATUSP,UDP−sugar



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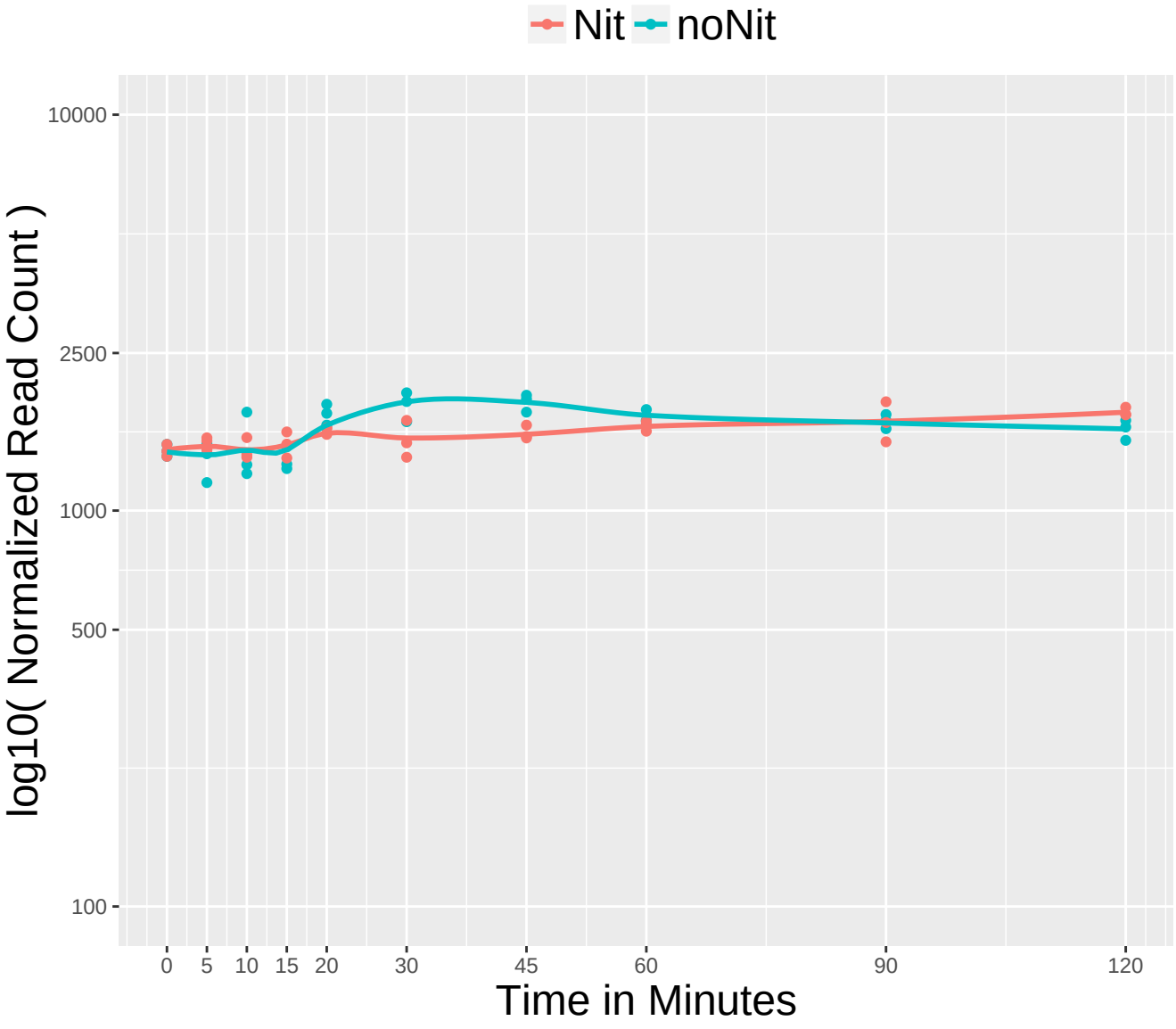
Calcium−dependent



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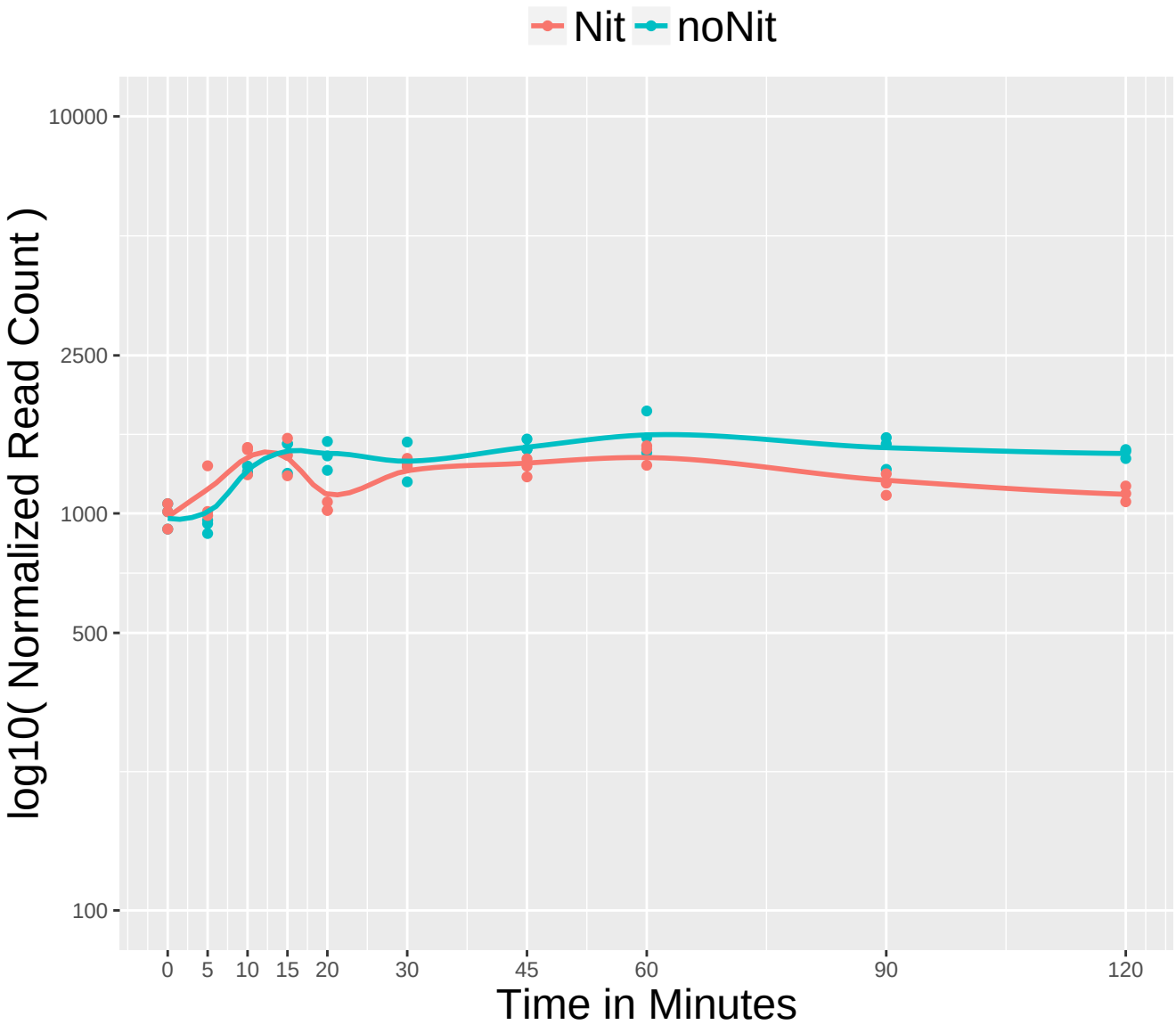
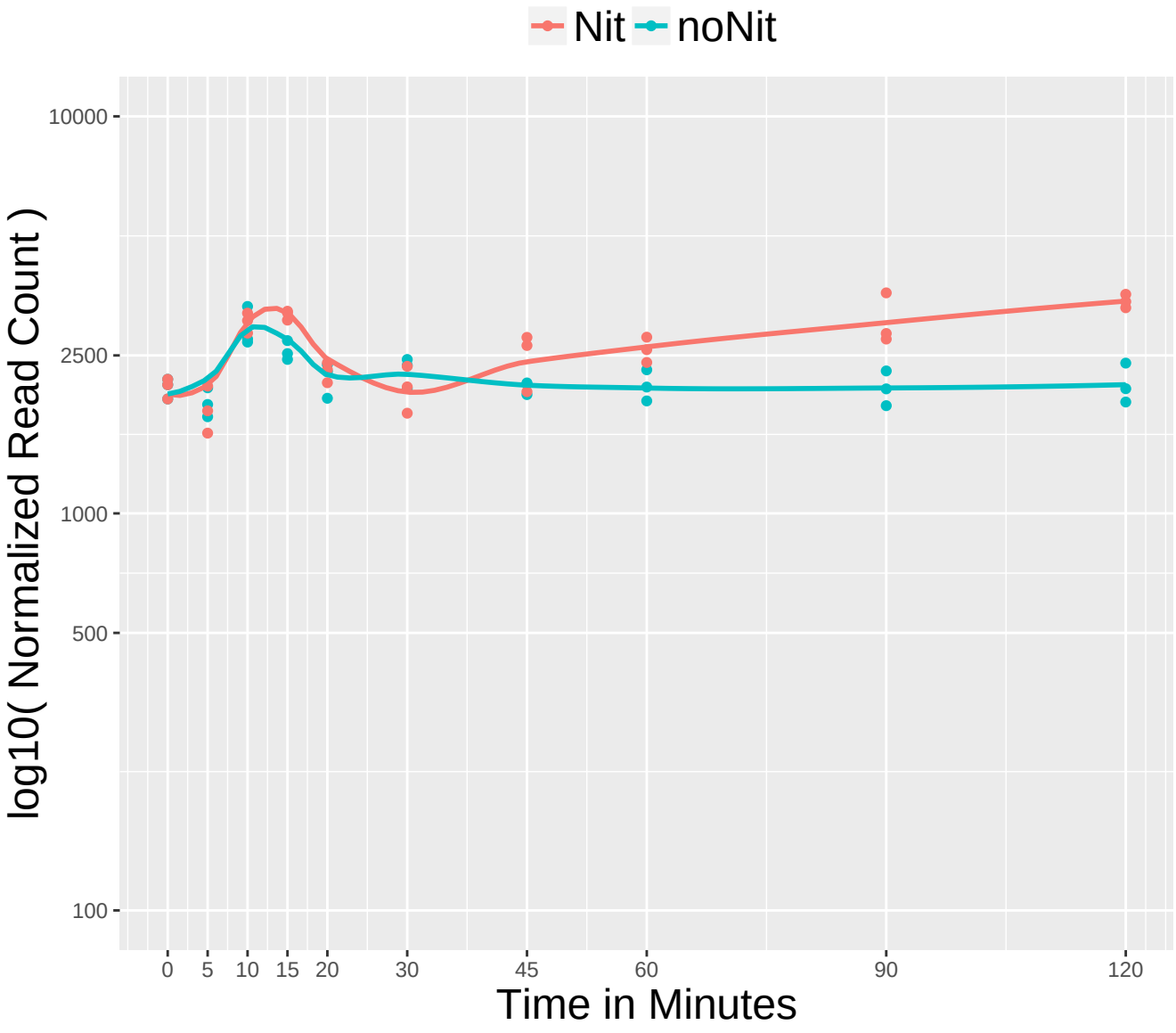


AT1G15440

ATPWP2,PERIODIC



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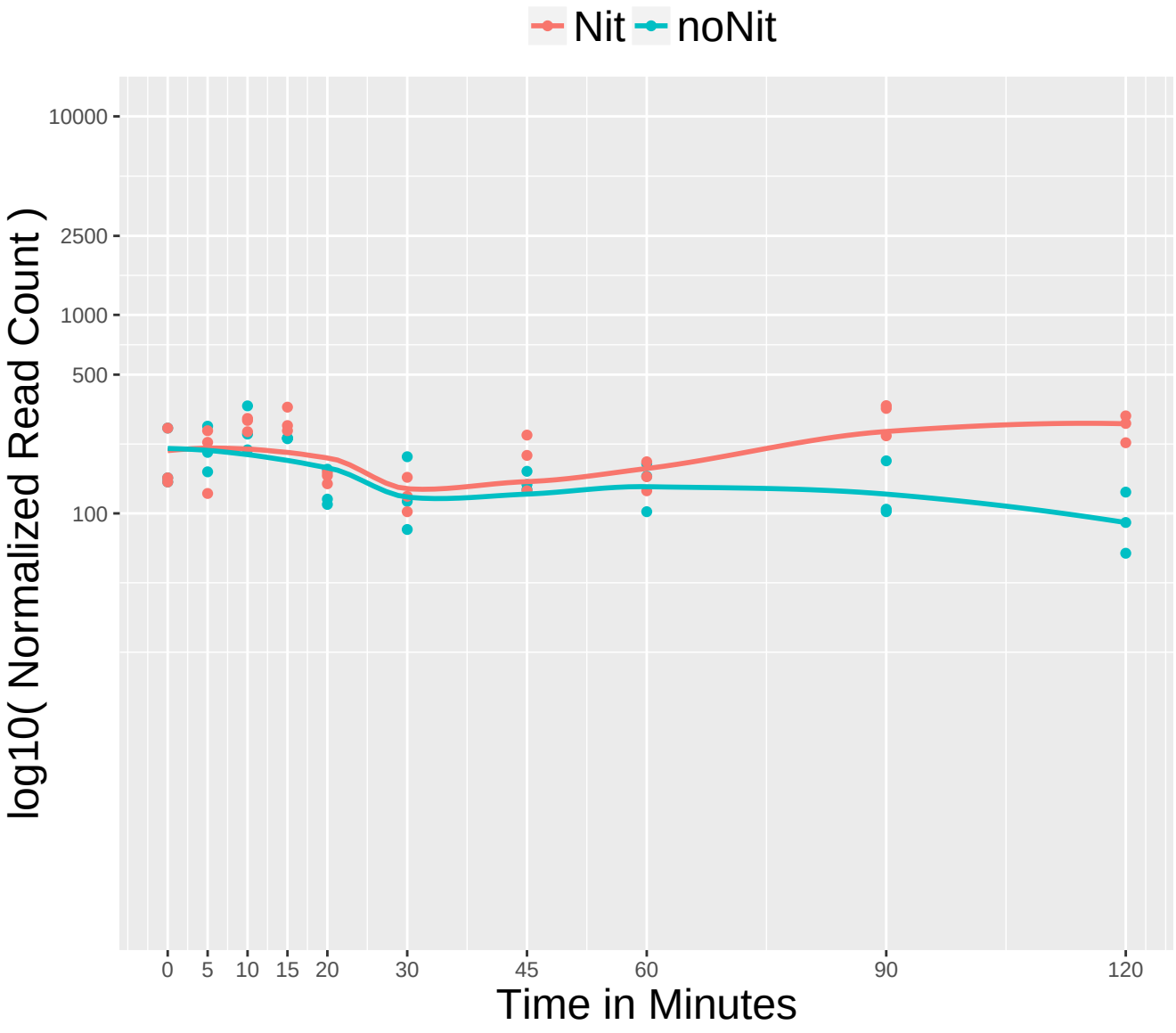

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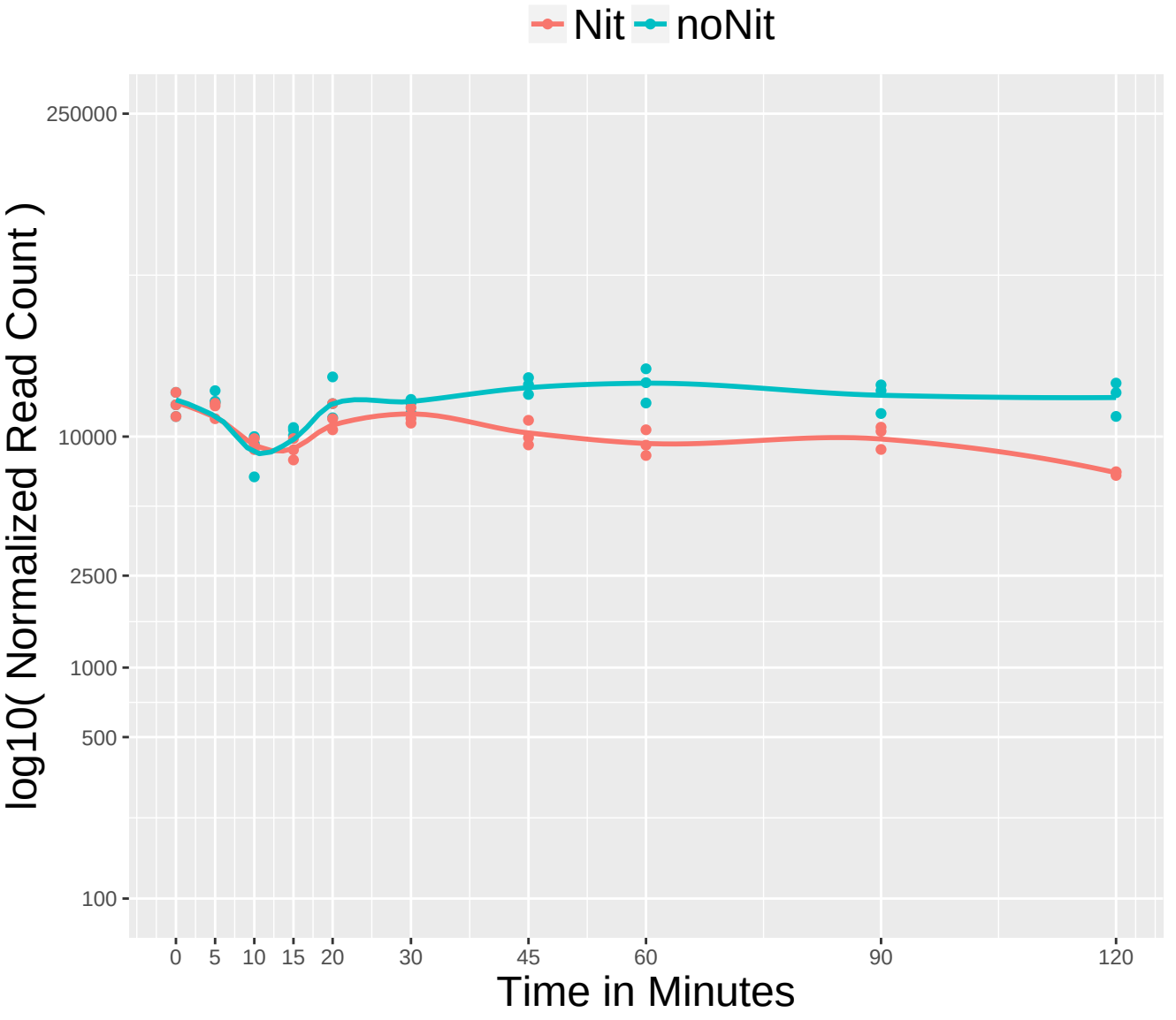
T−complex



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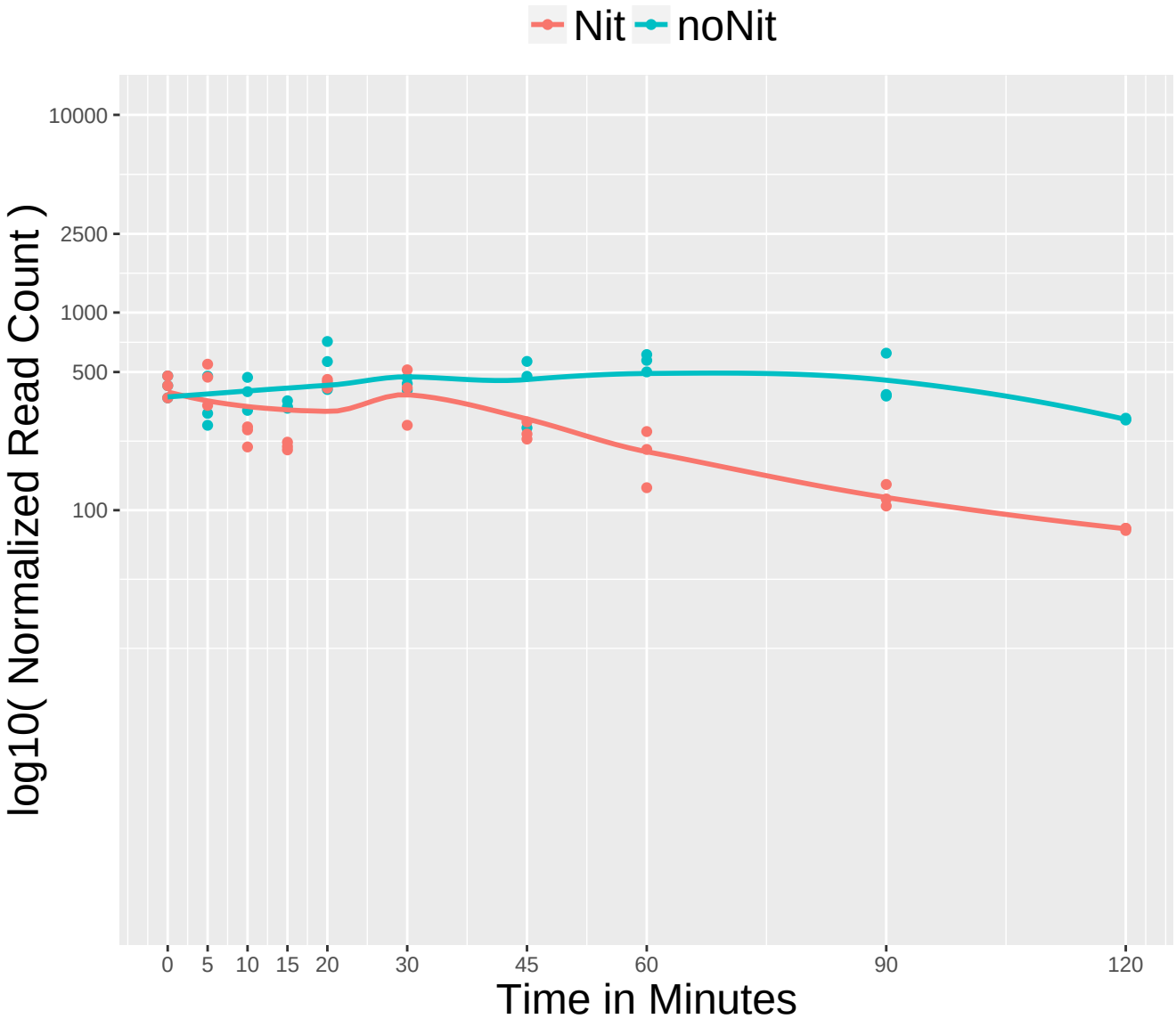

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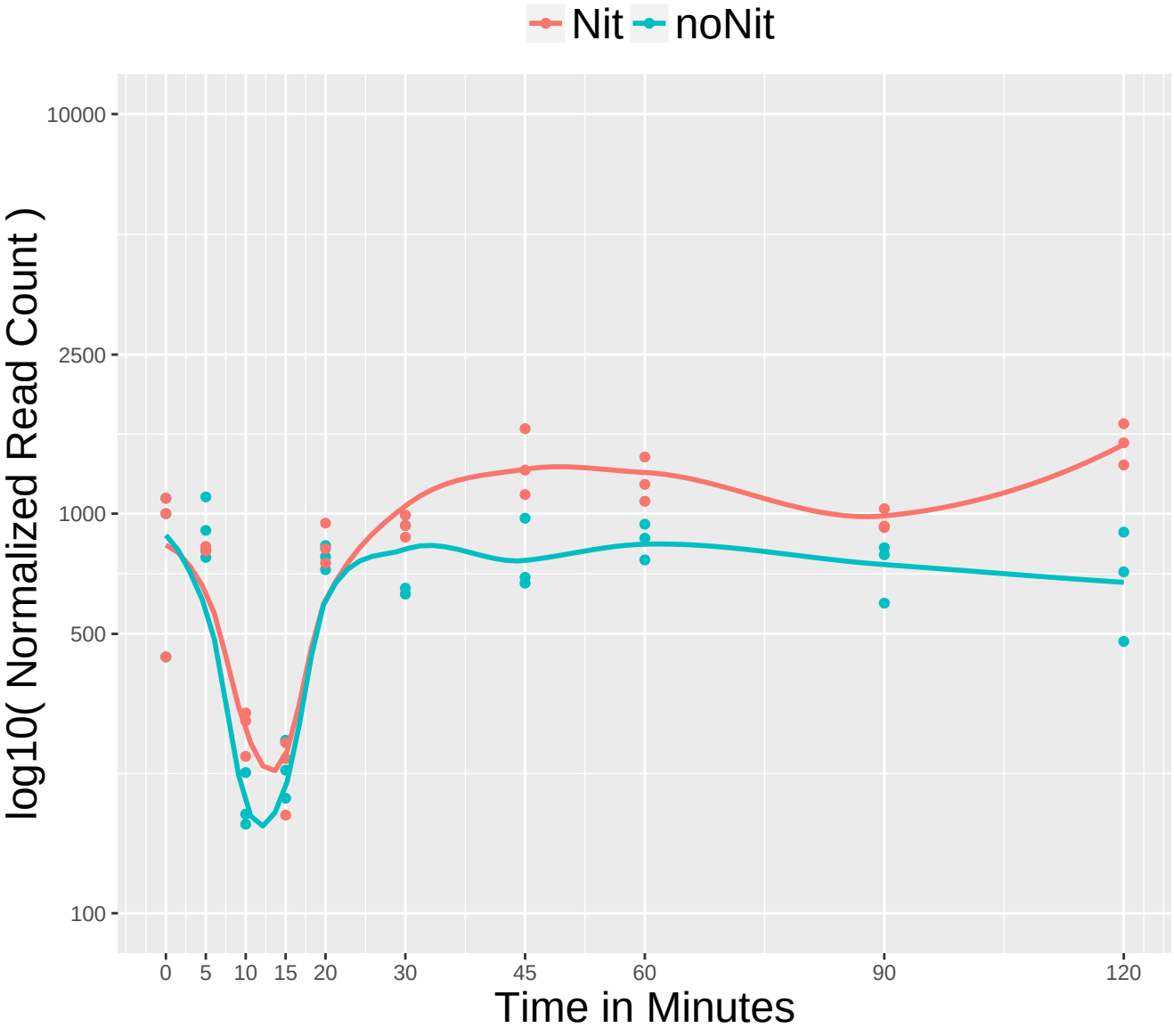
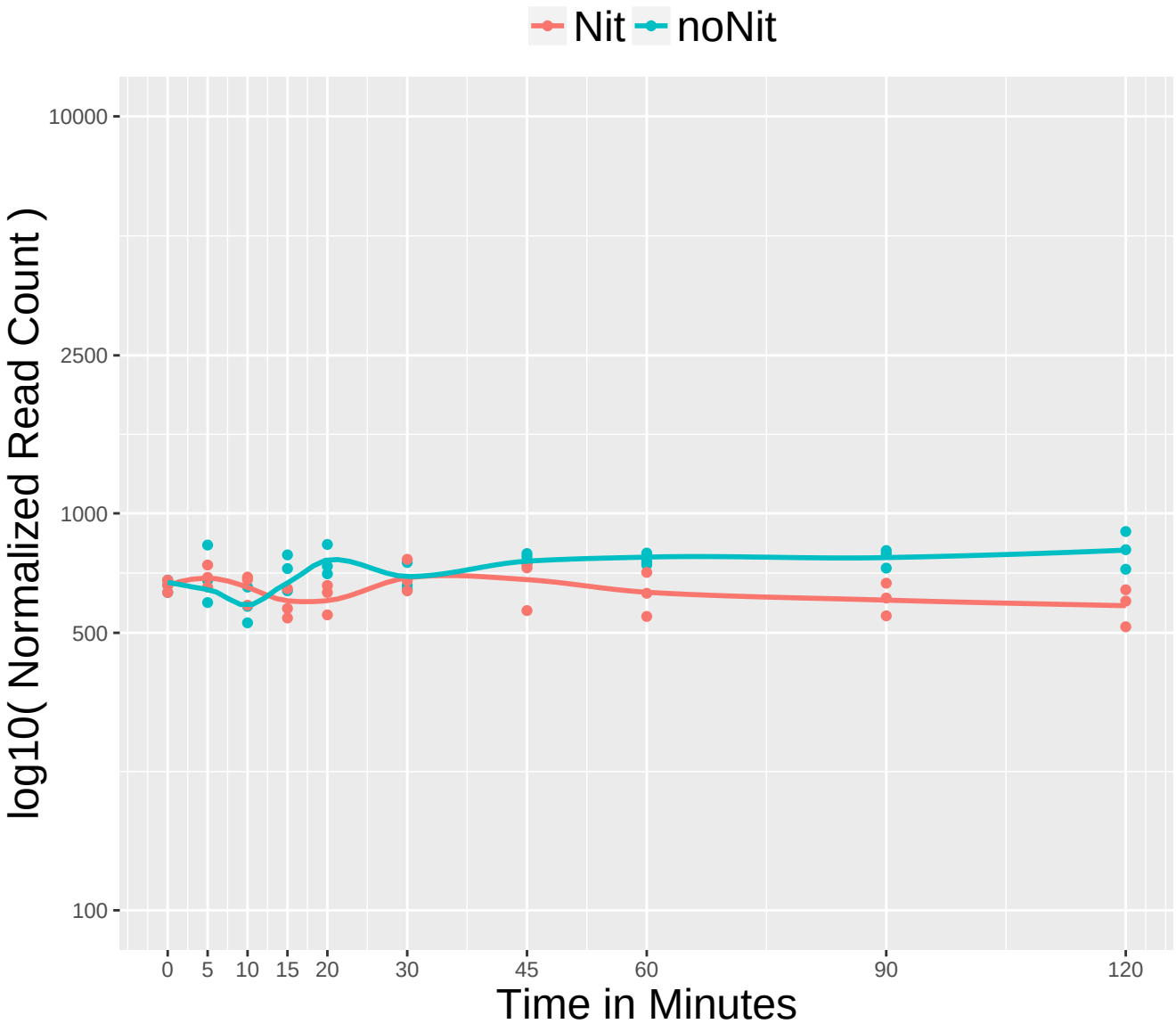
Surfeit



AT2G20650

FLY2,FLYING



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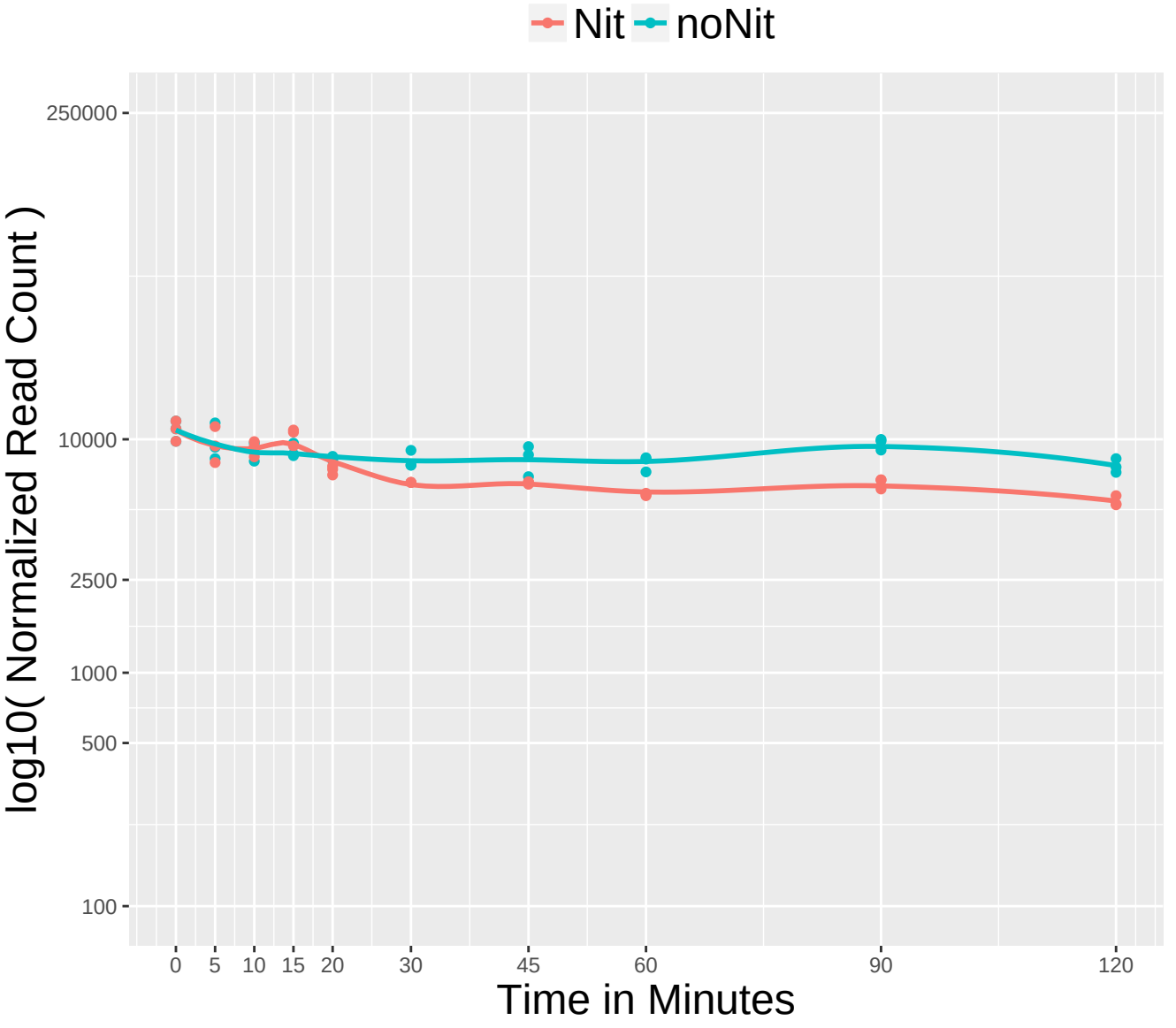
Protein



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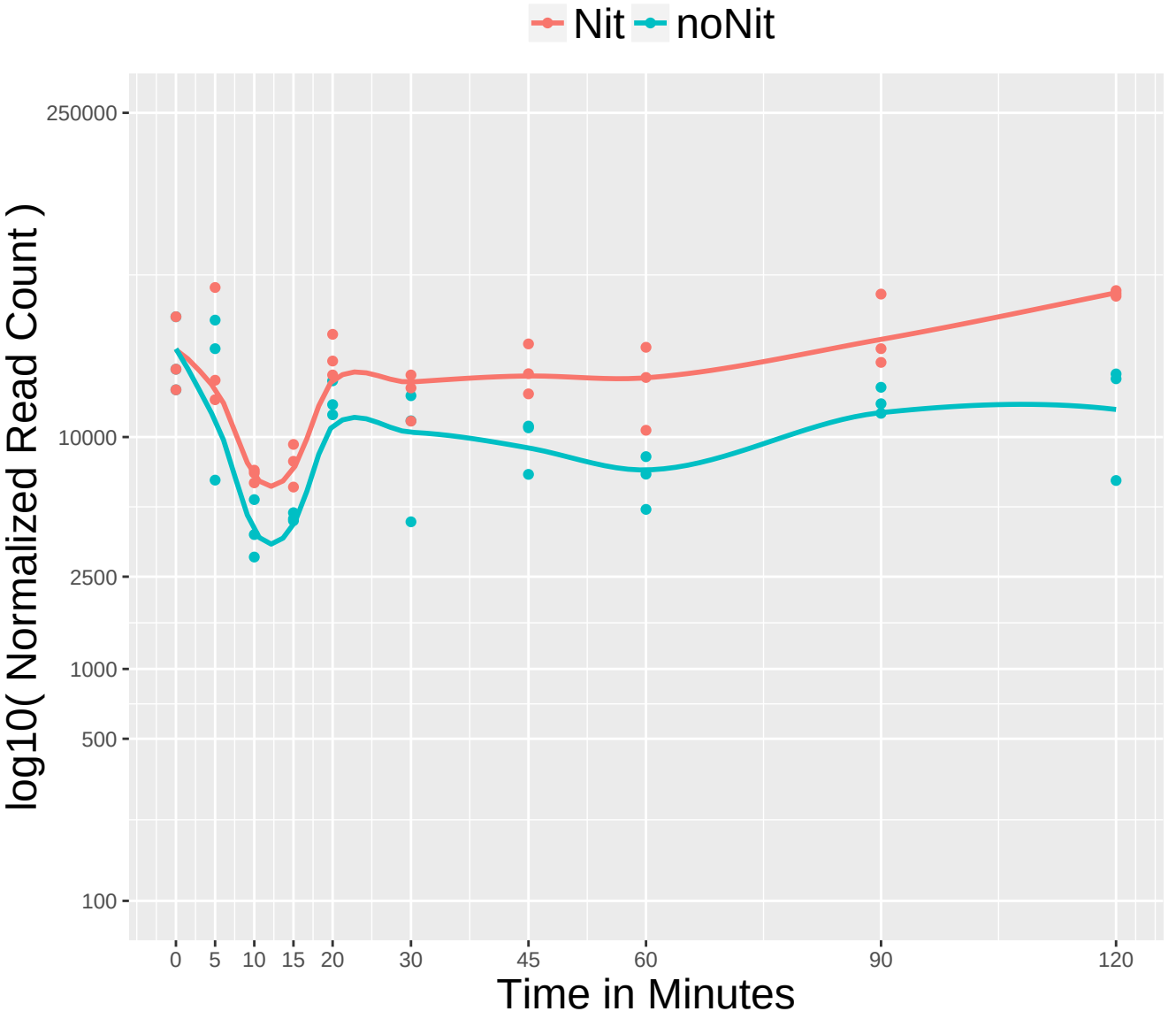
ARD,ACIREDUCTONE



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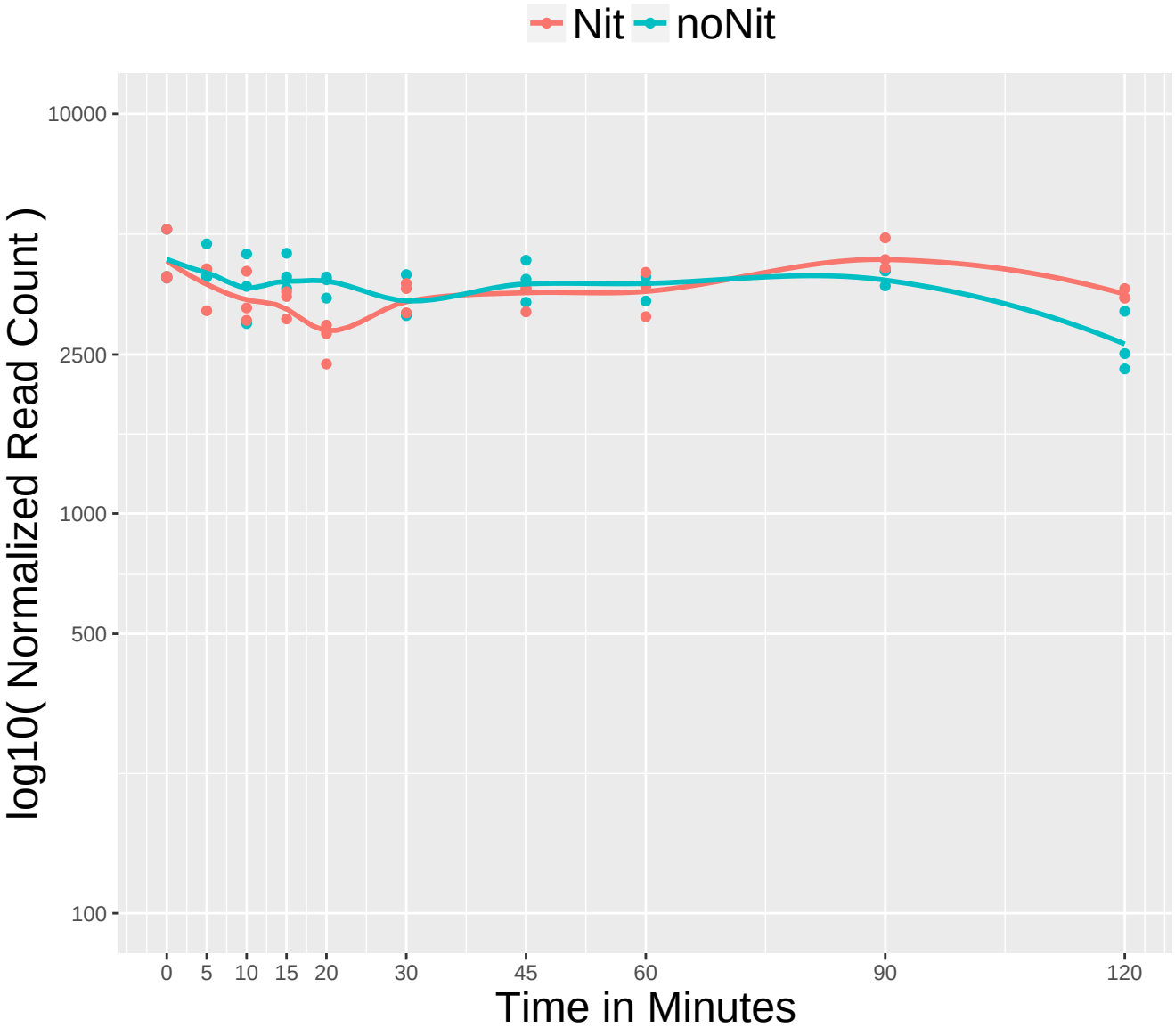

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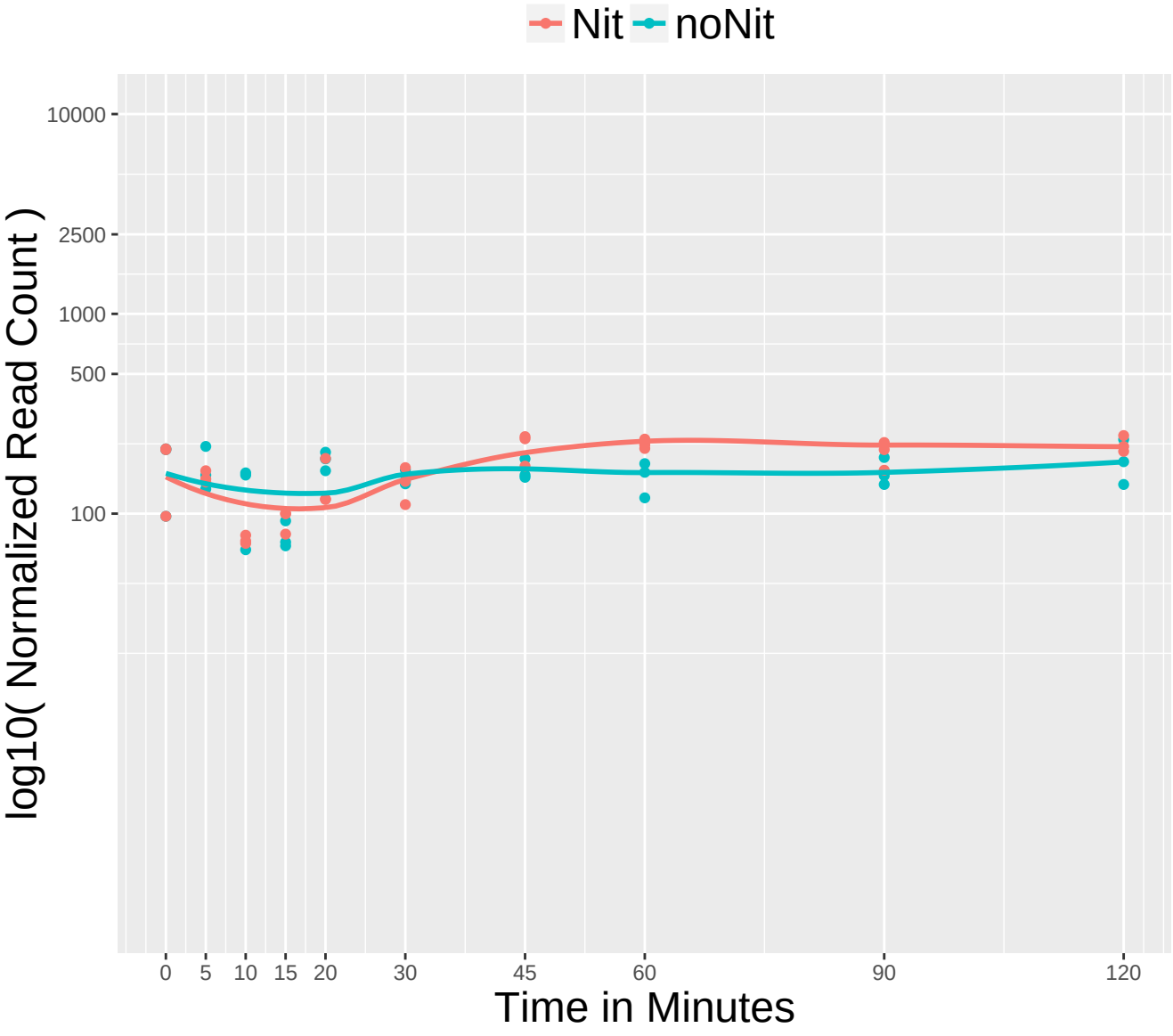
Transducin/WD40



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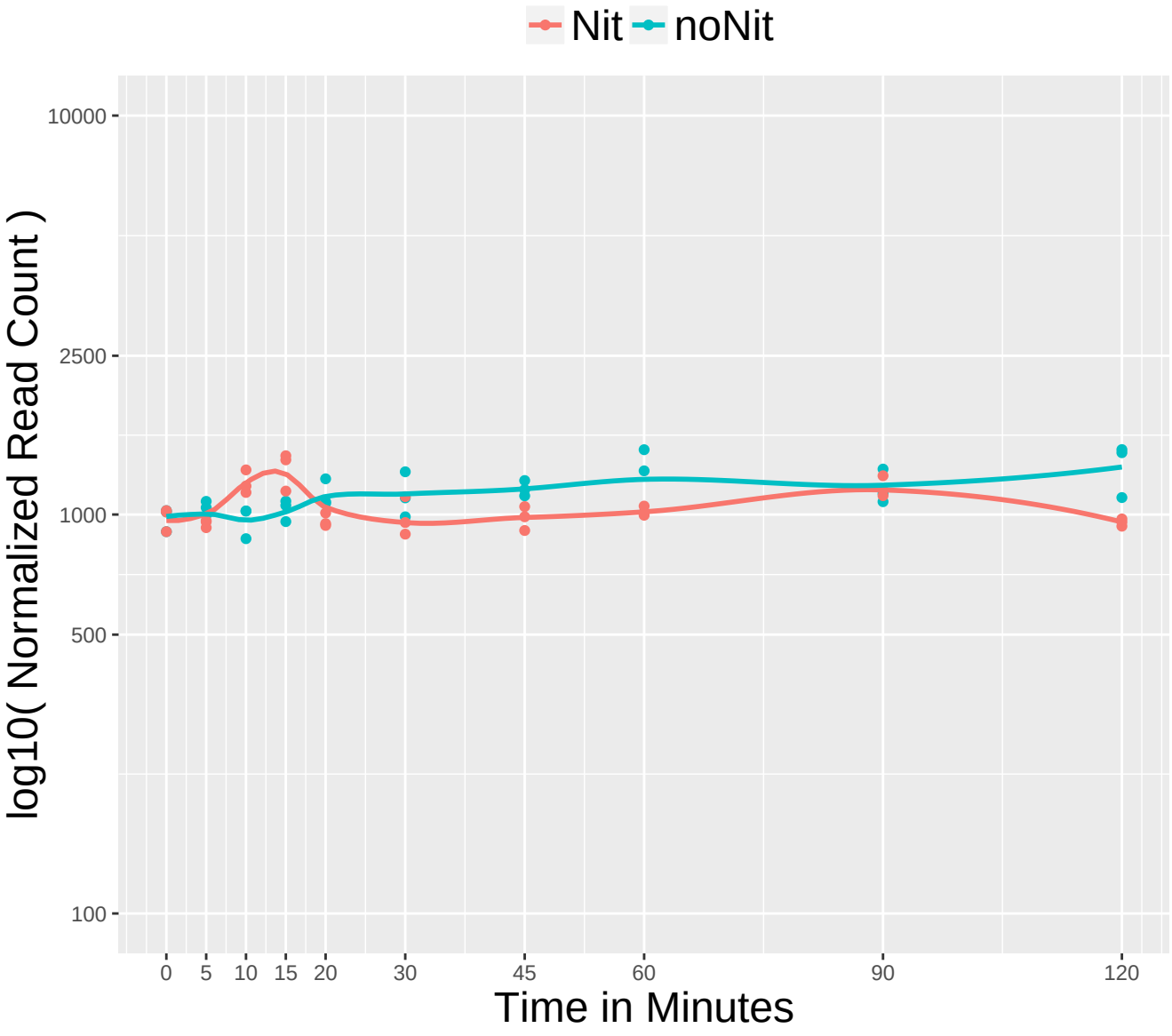
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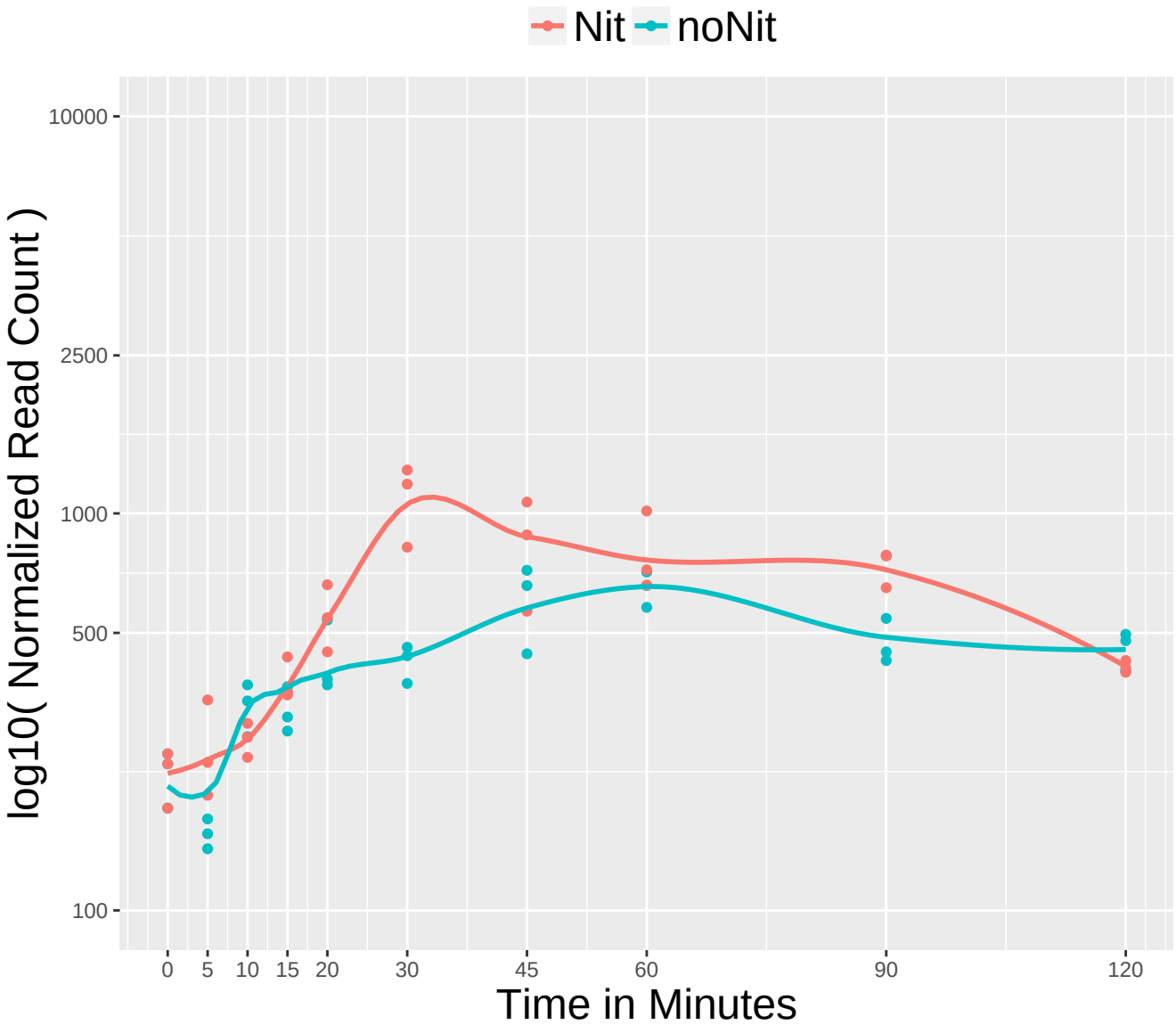
Time in Minutes

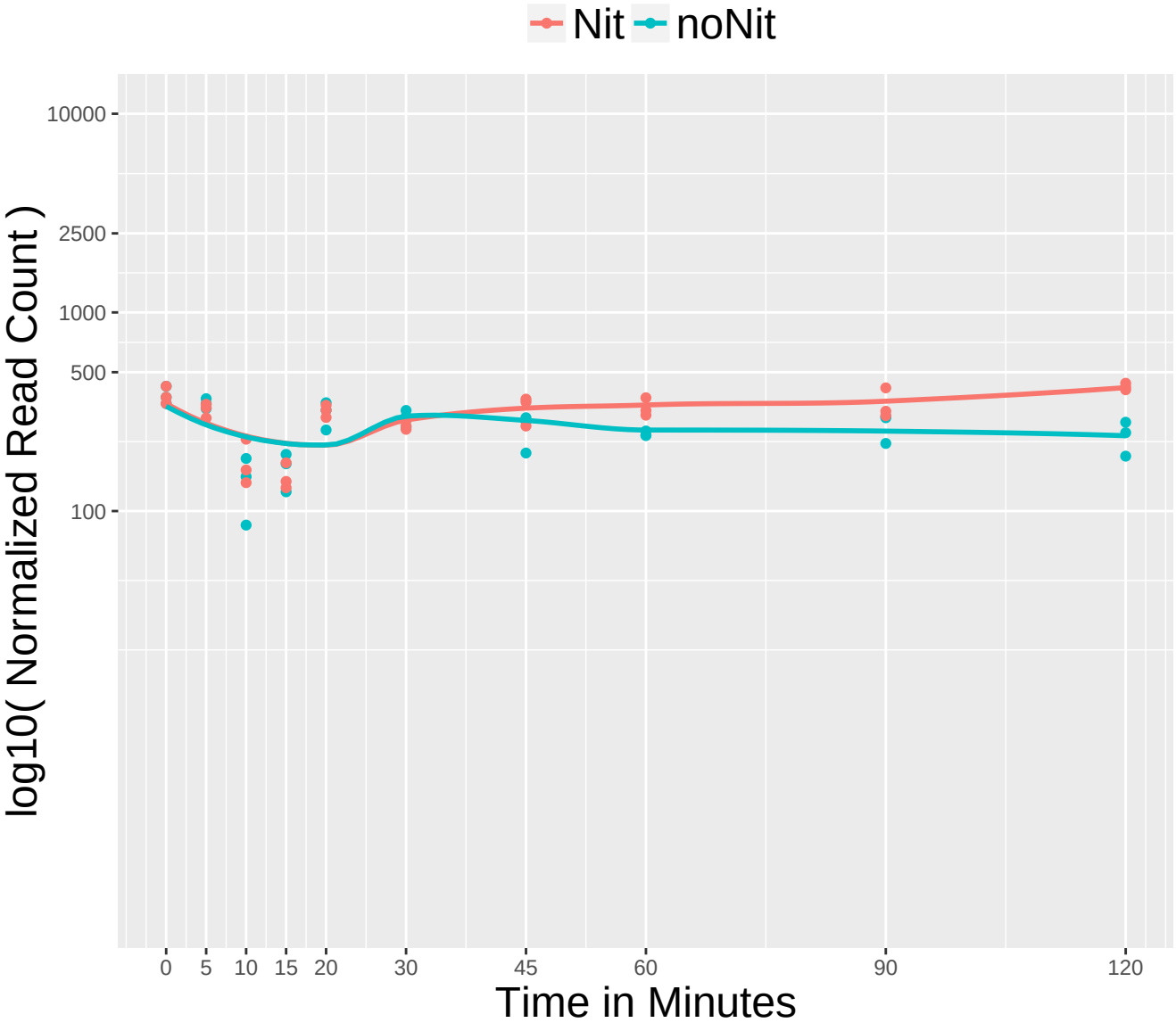
AT4G01840

ATKCO5,,ATTPK5,,KCO5,Ca2+



AT4G02790

EMB3129,EMBRYO



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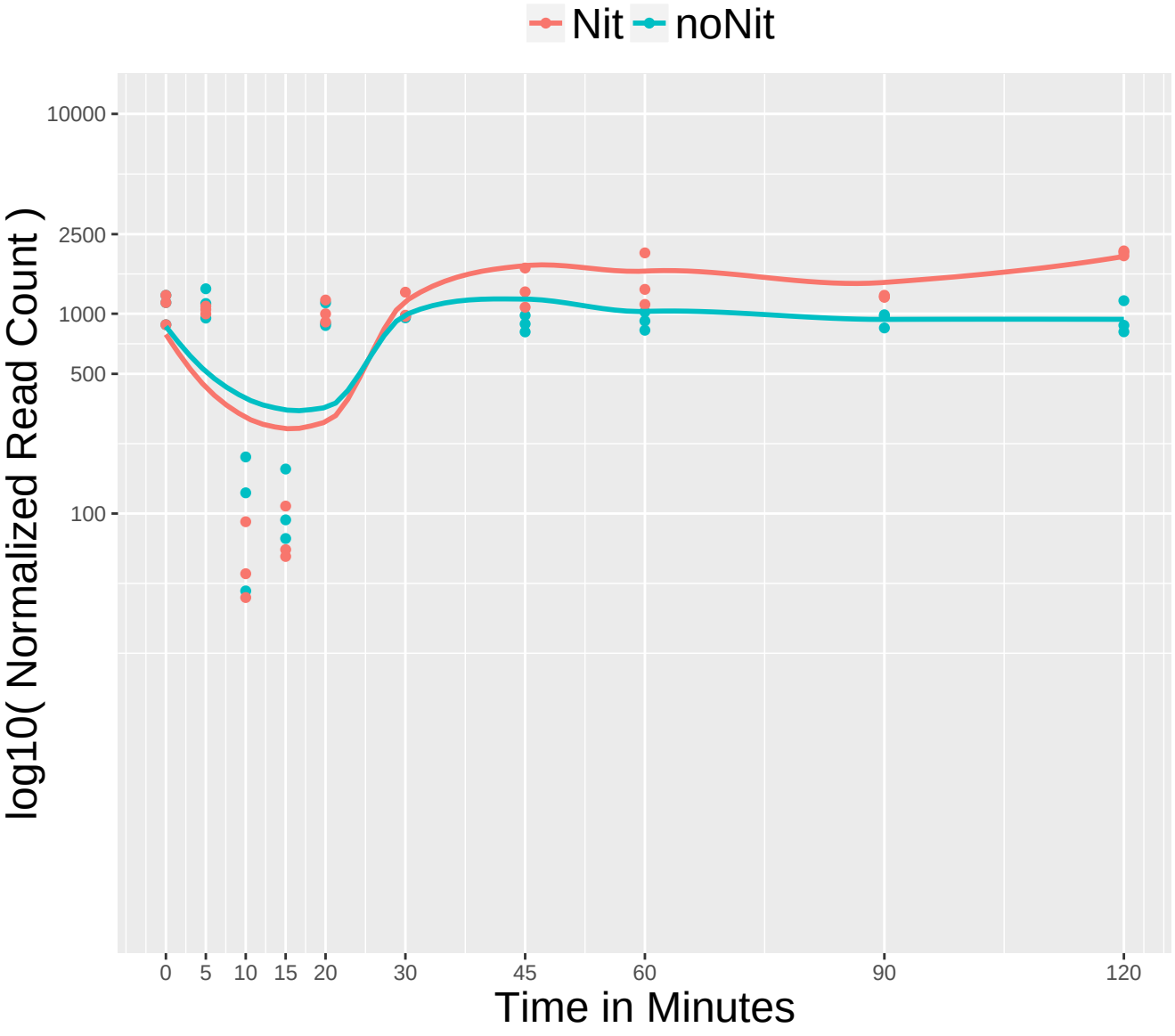

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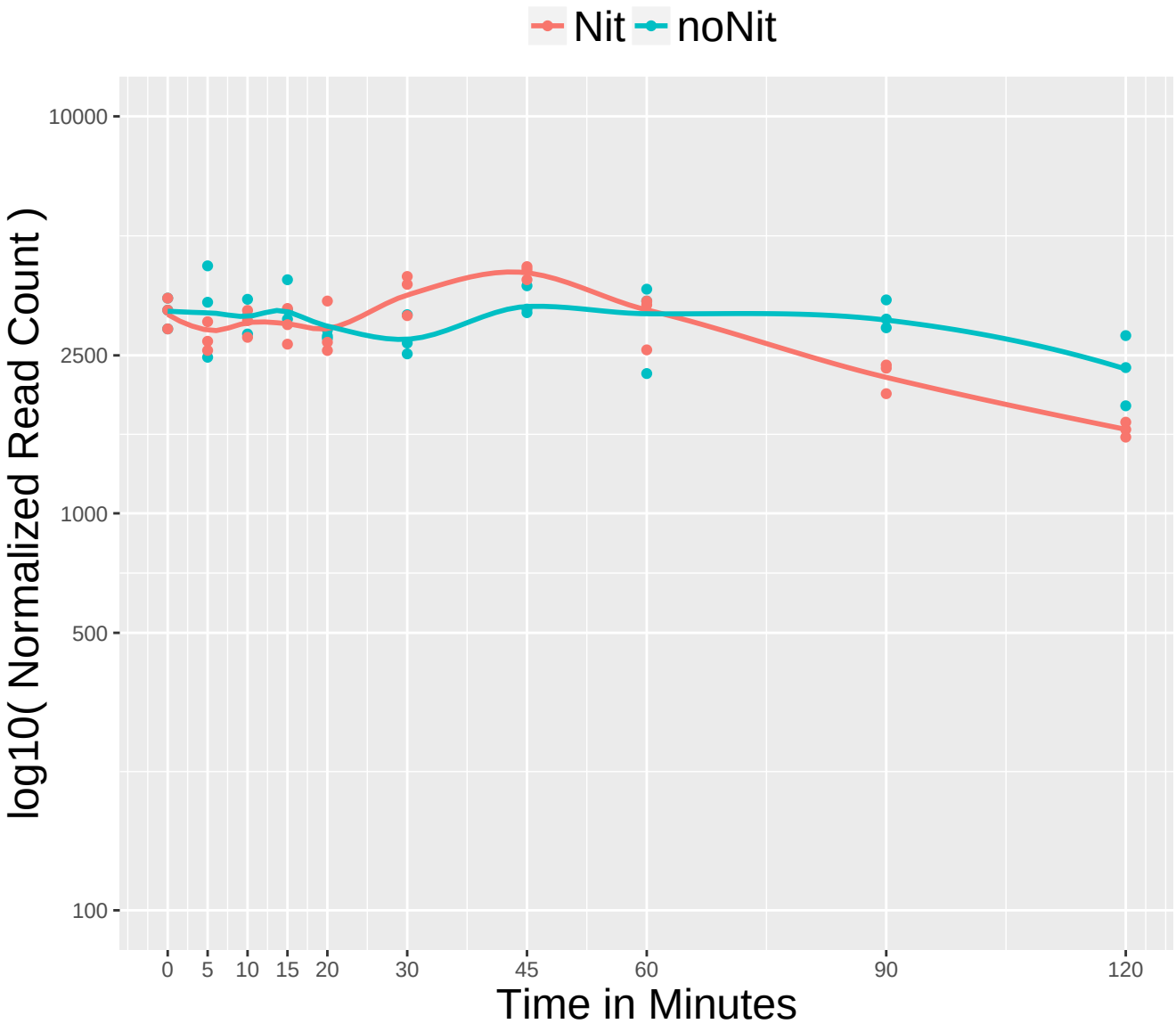

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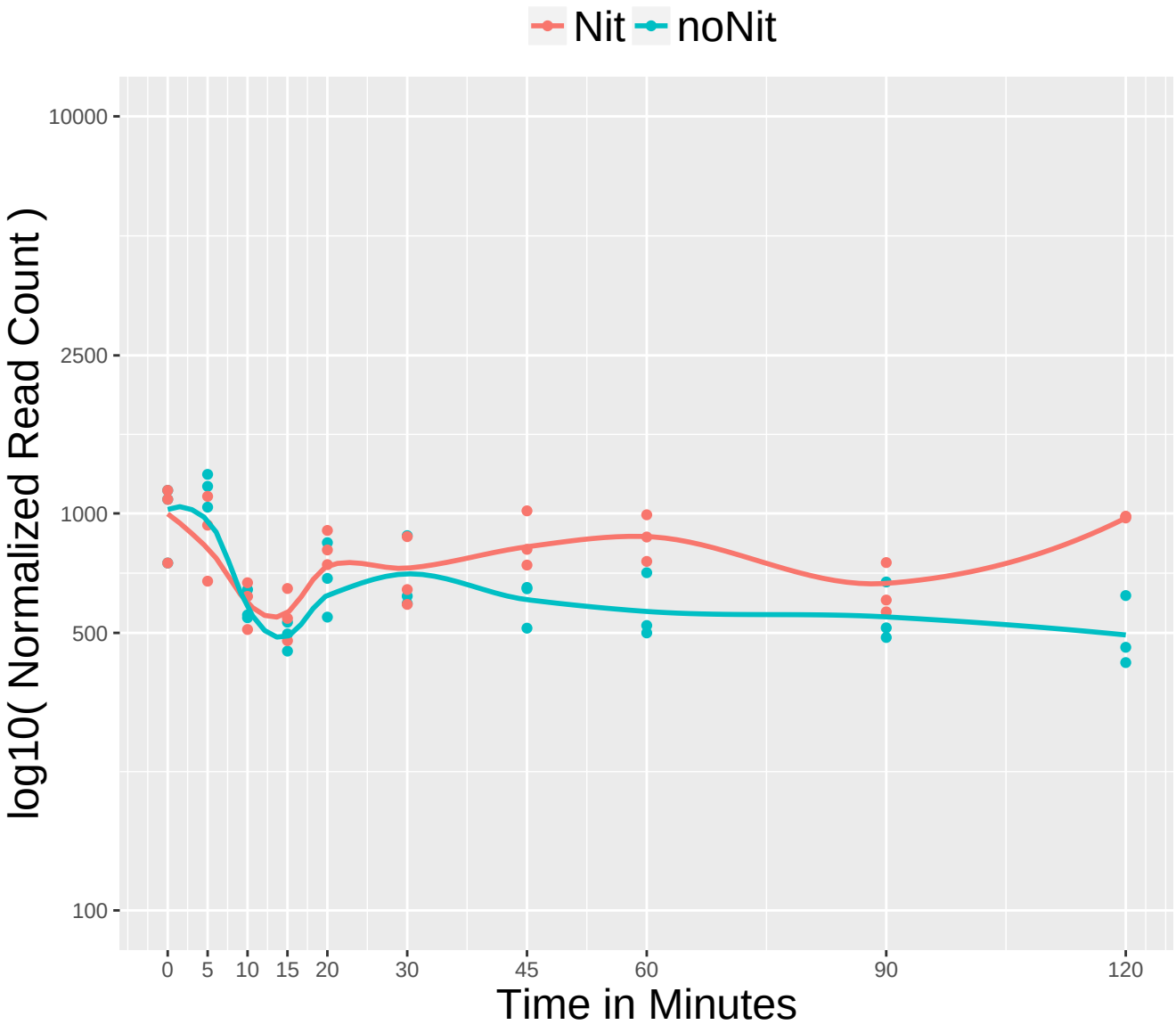
RRP41L,RRP41



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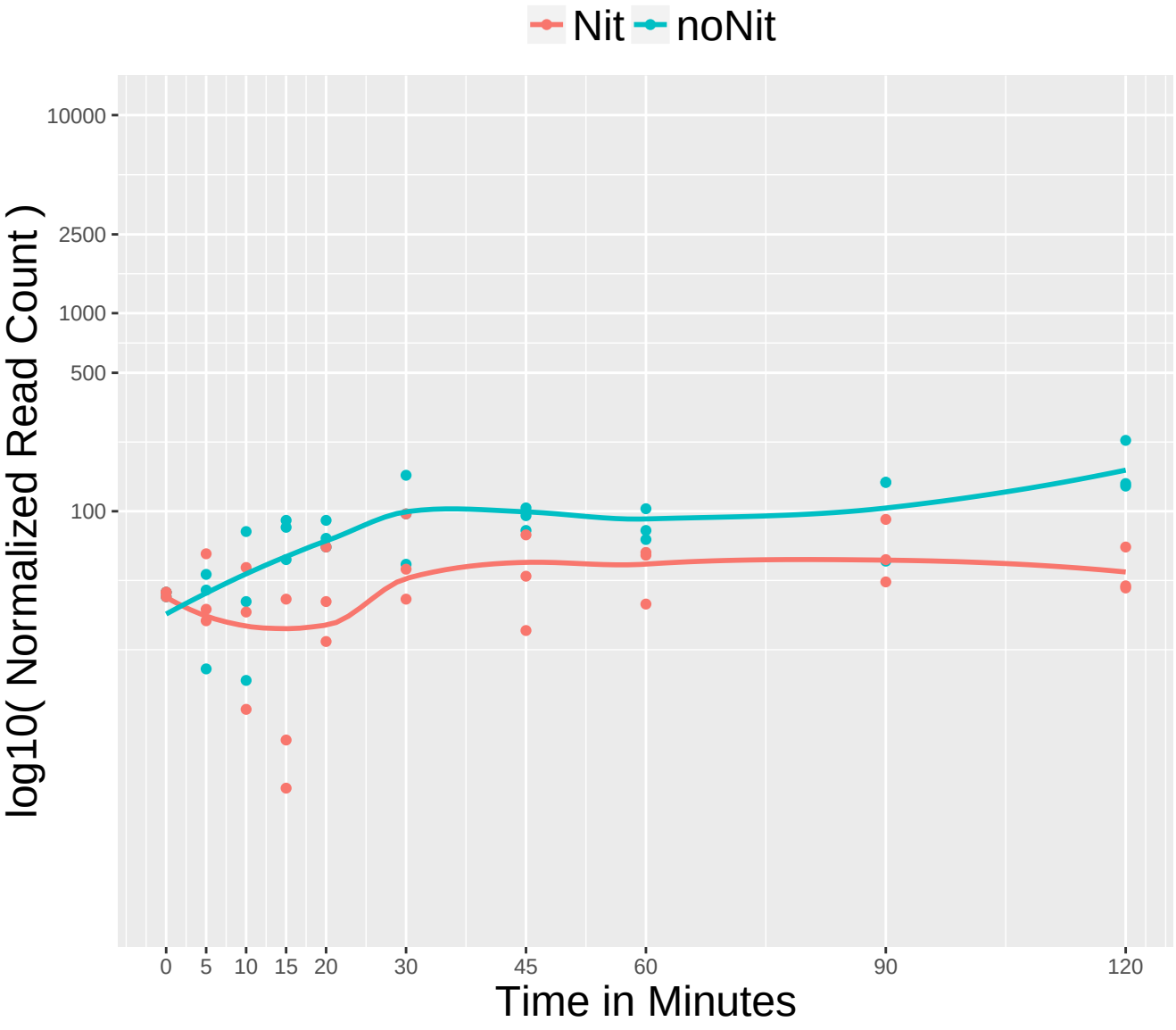

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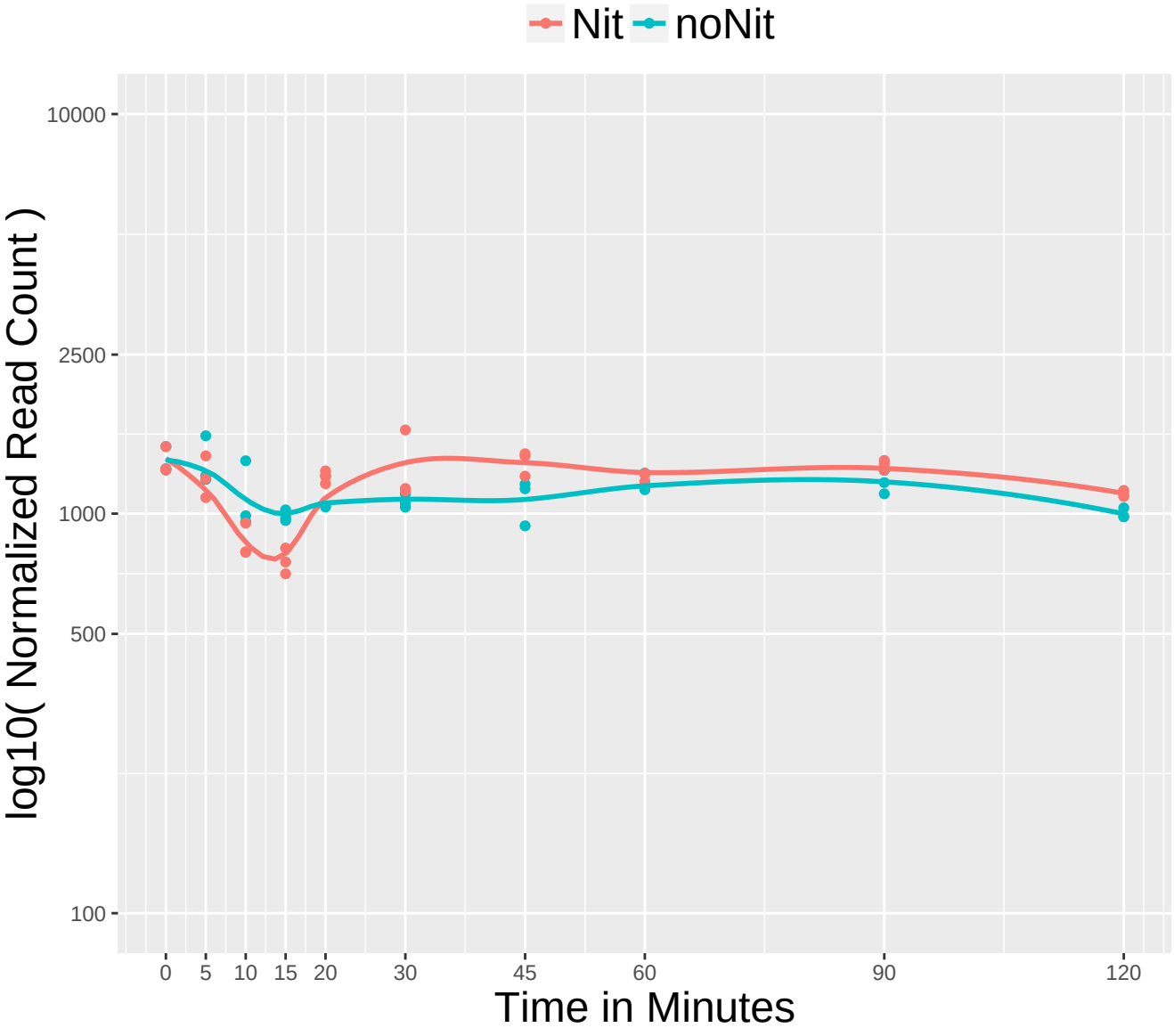
RING/U−box



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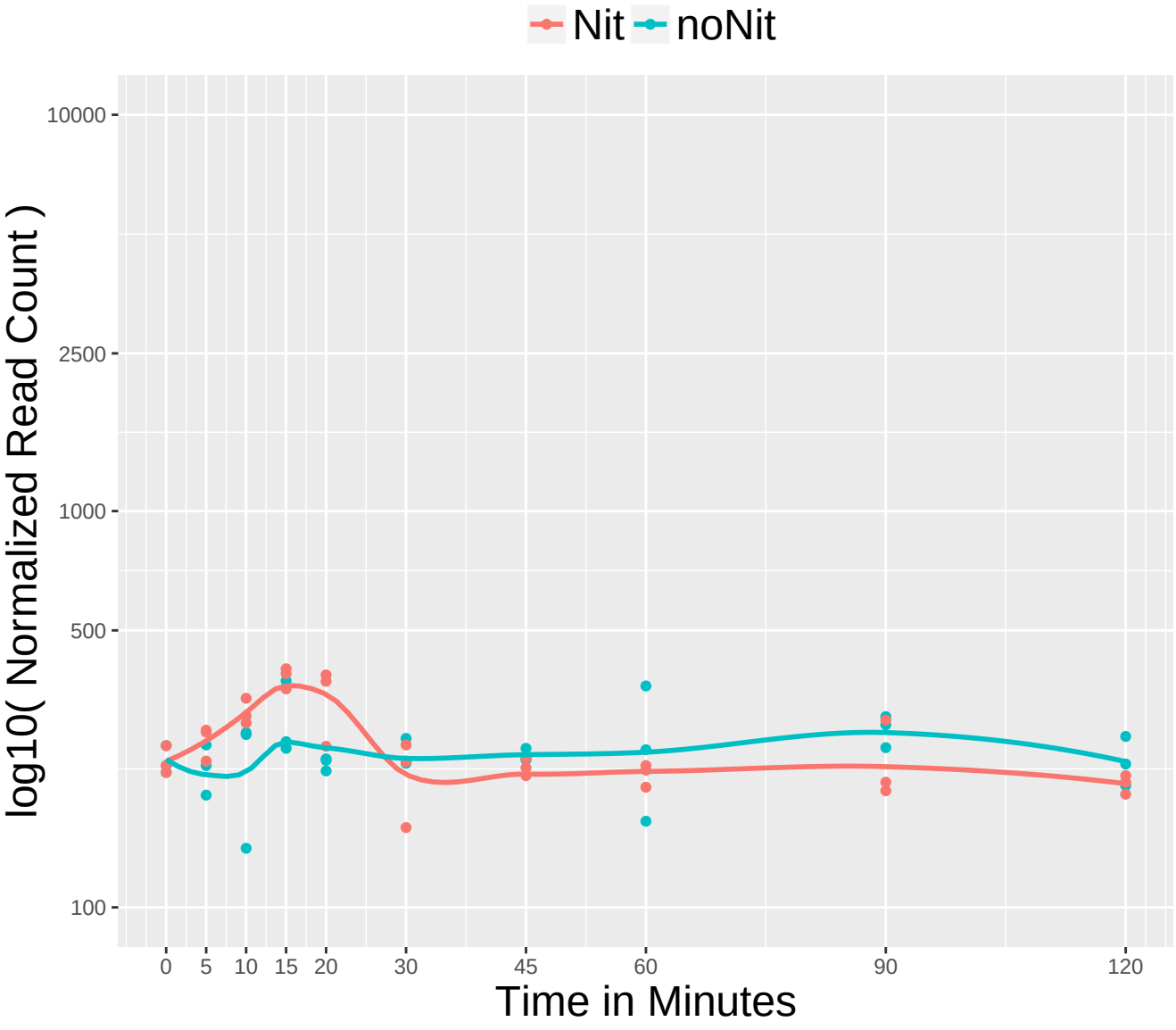
P−loop



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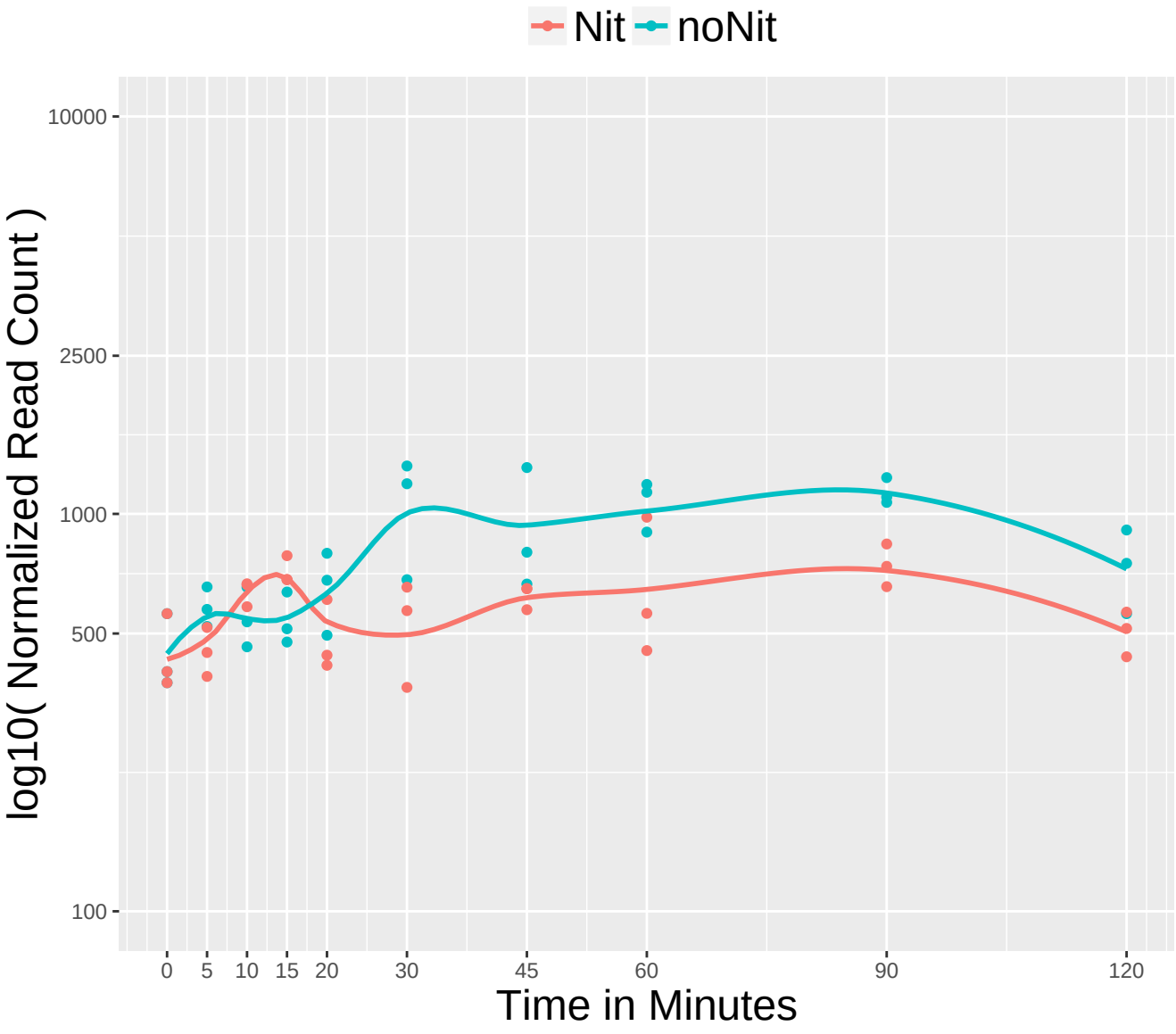

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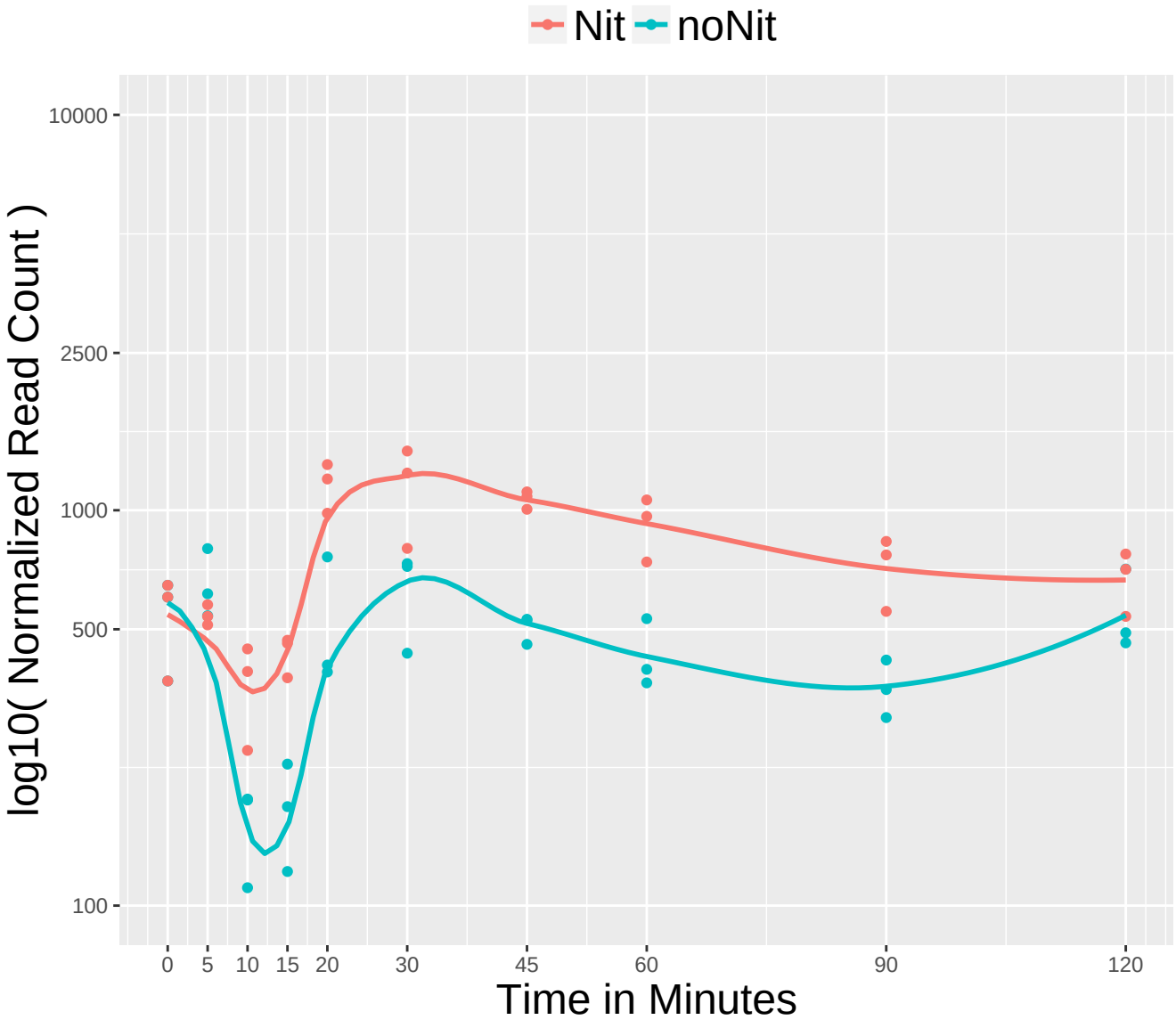

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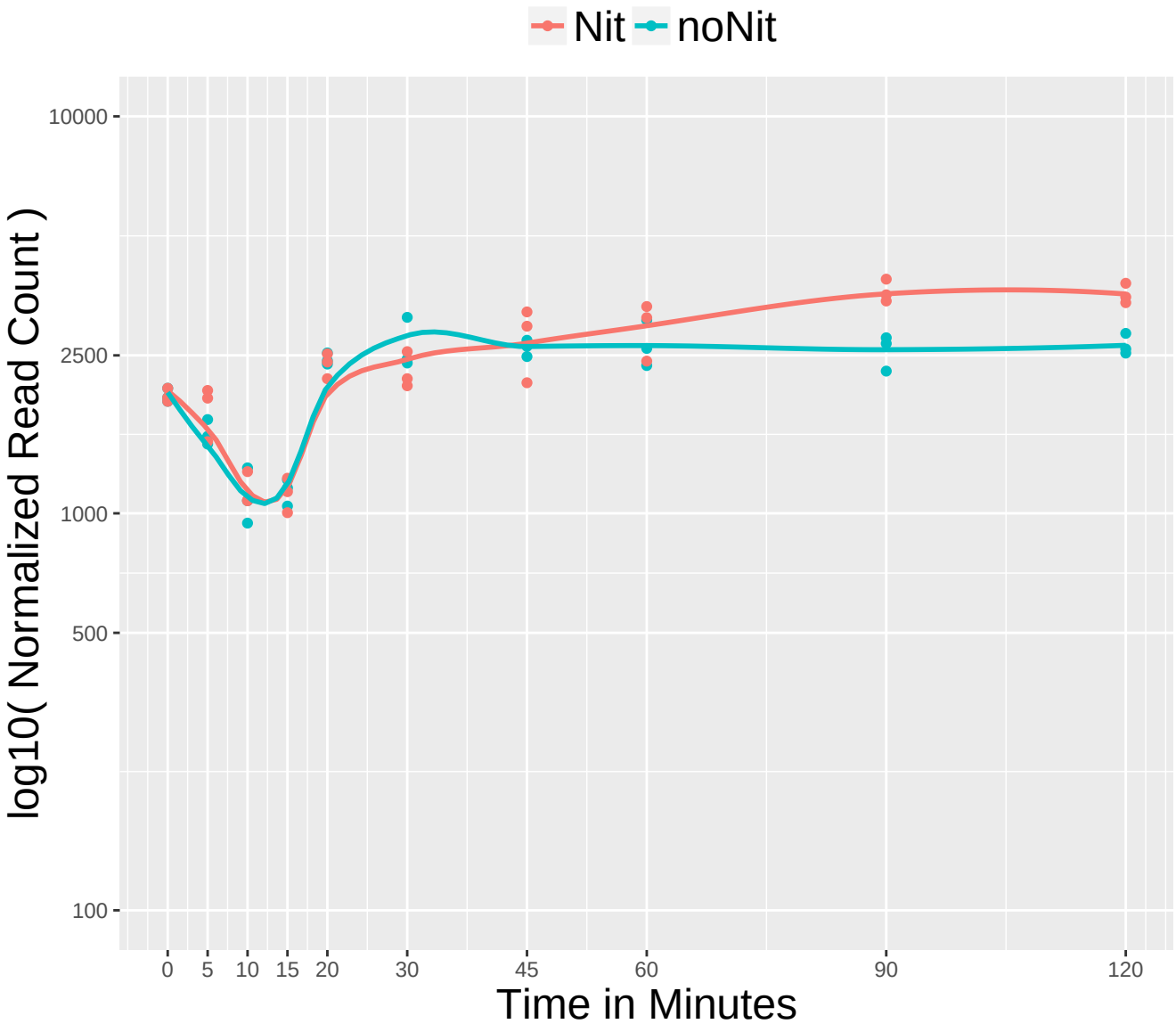
NRPA2,nuclear



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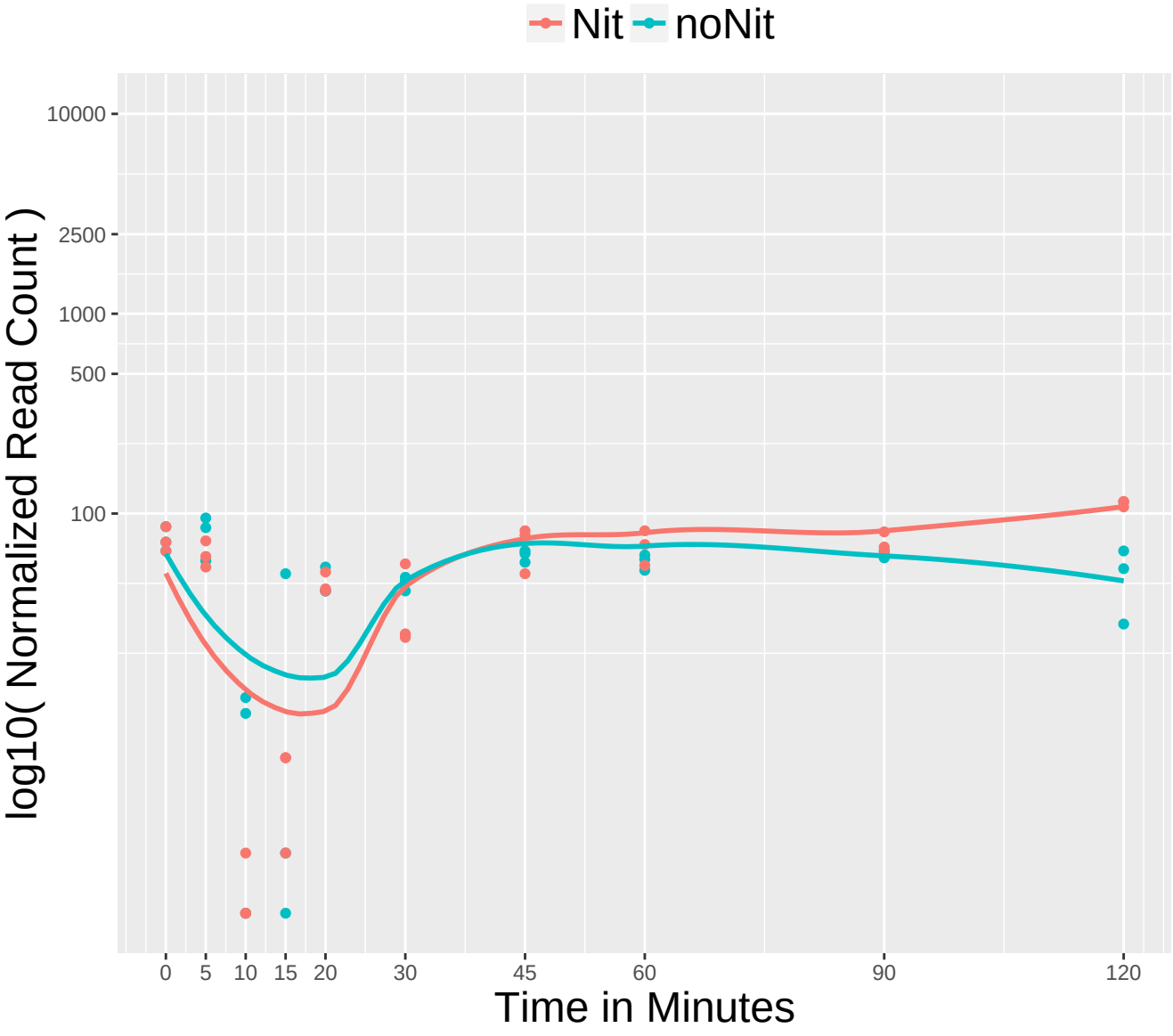

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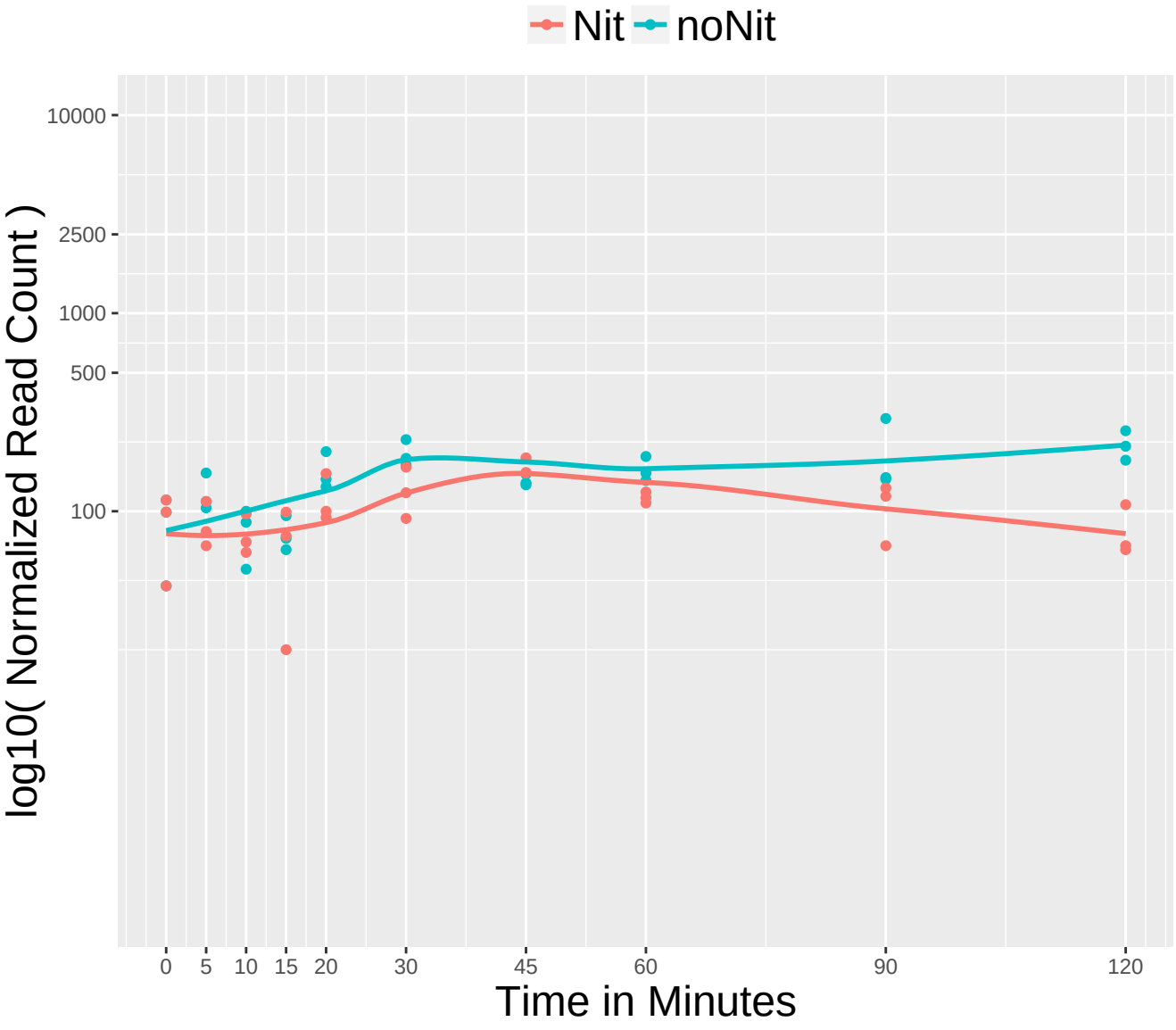

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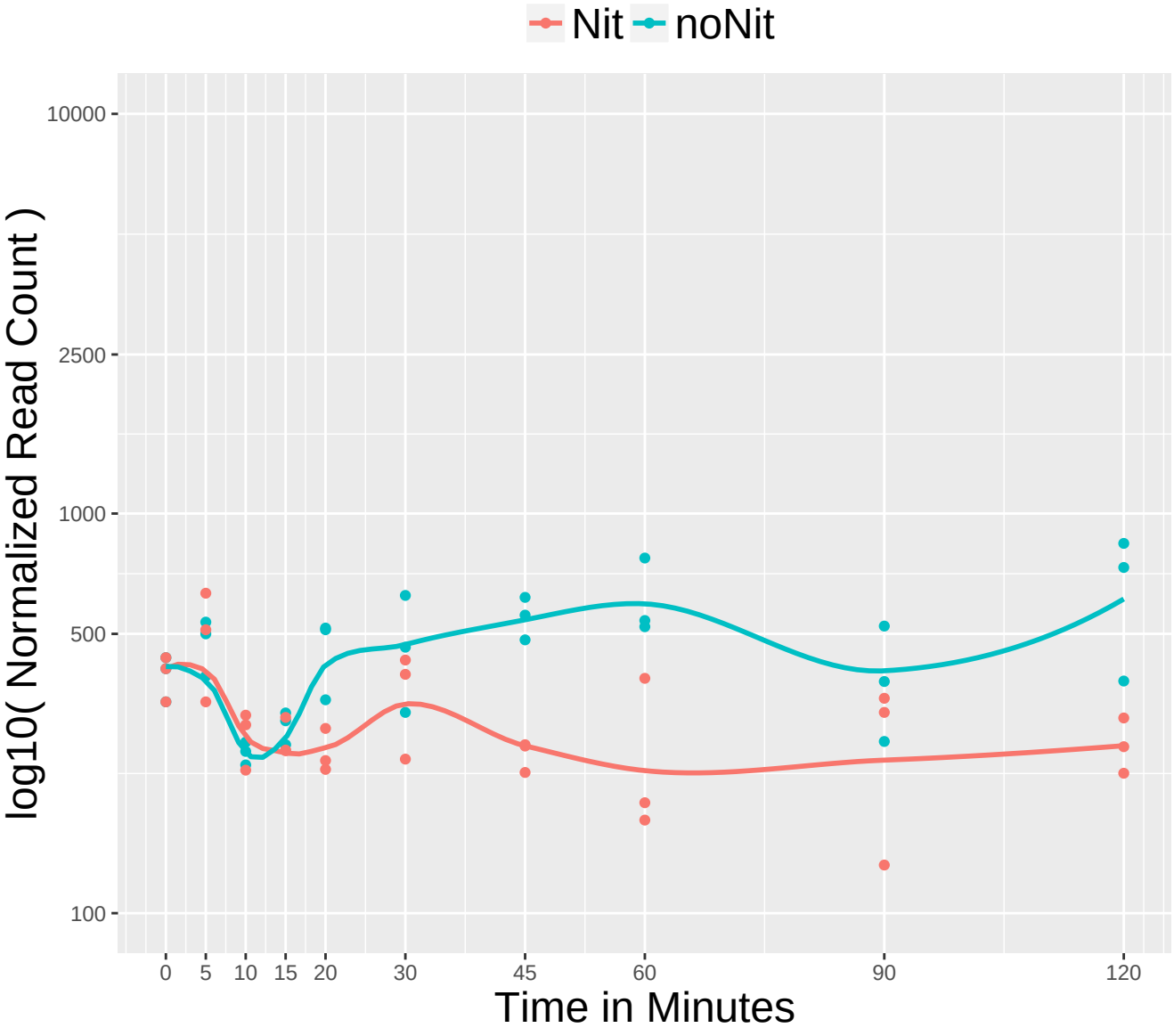
Toll−Interleukin−Resistance



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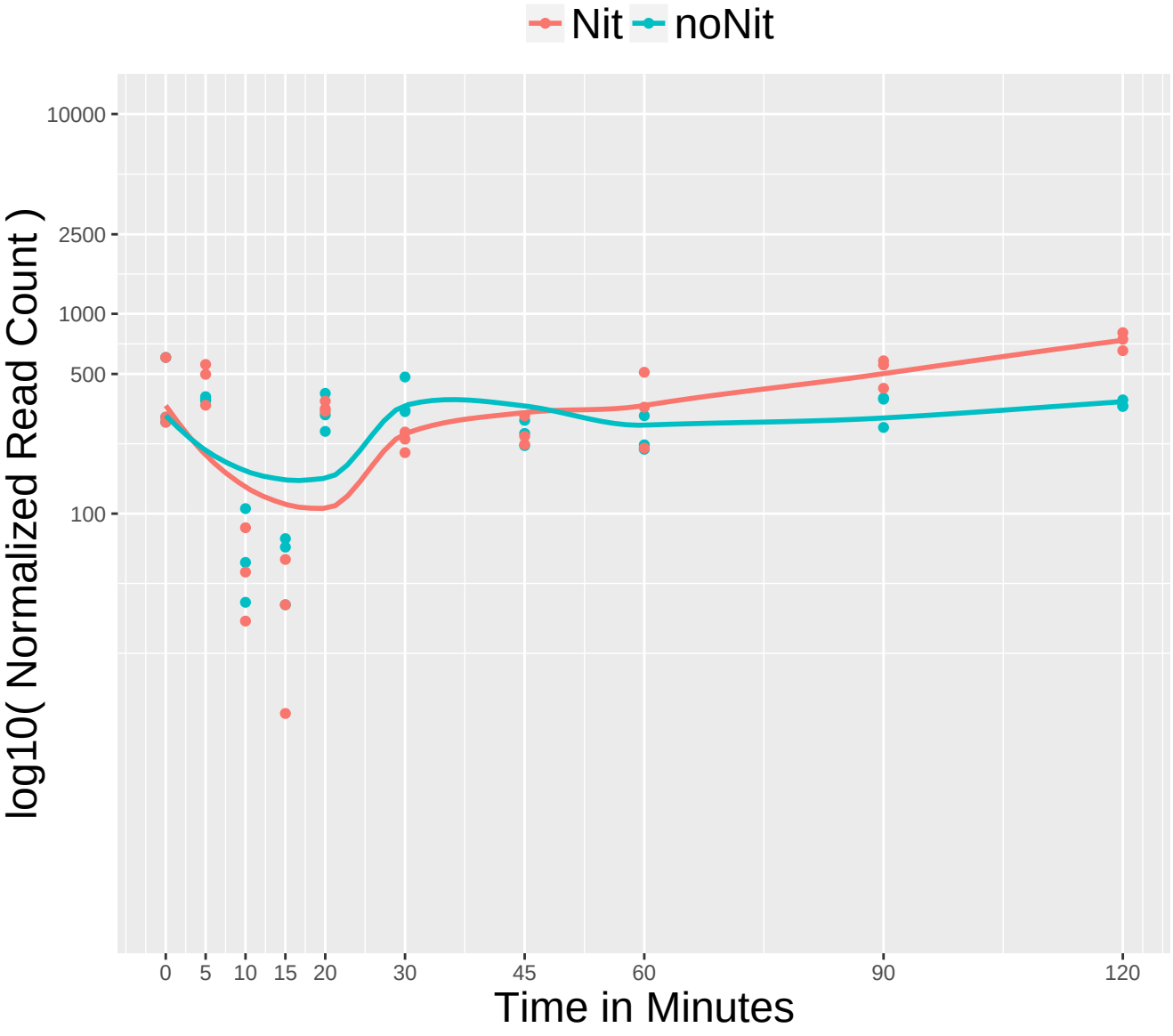
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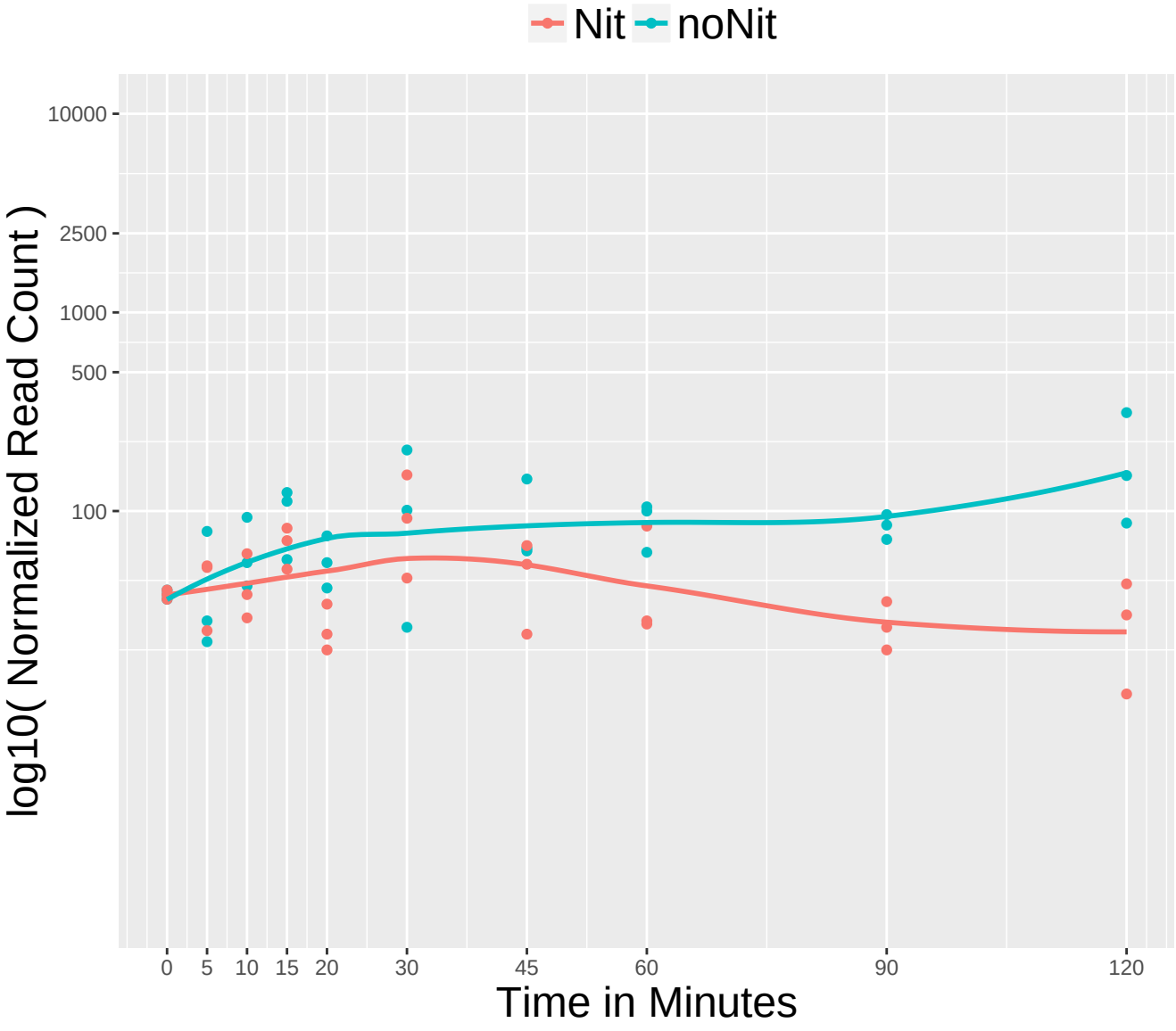
ATRNS1,RIBONUCLEASE



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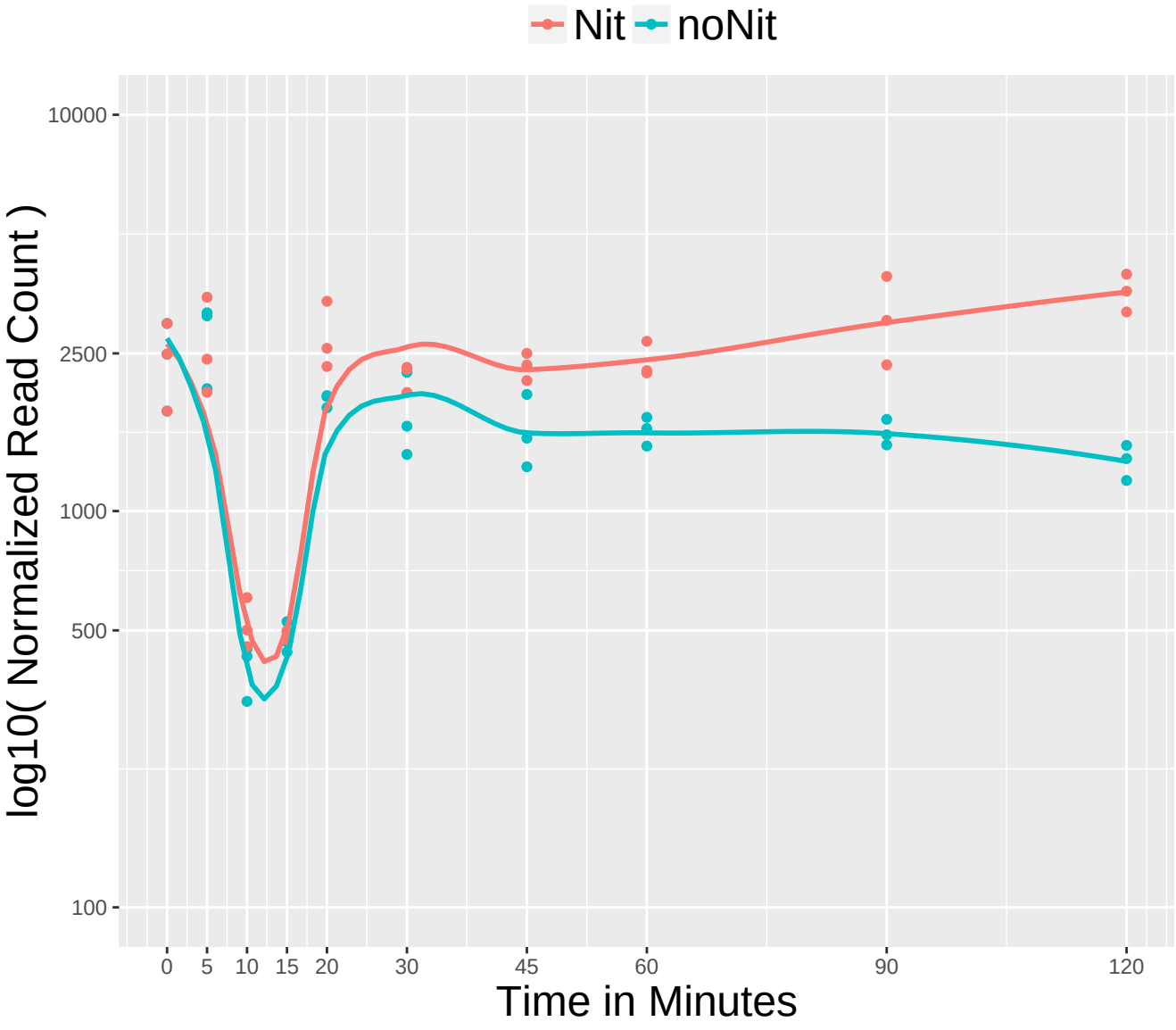
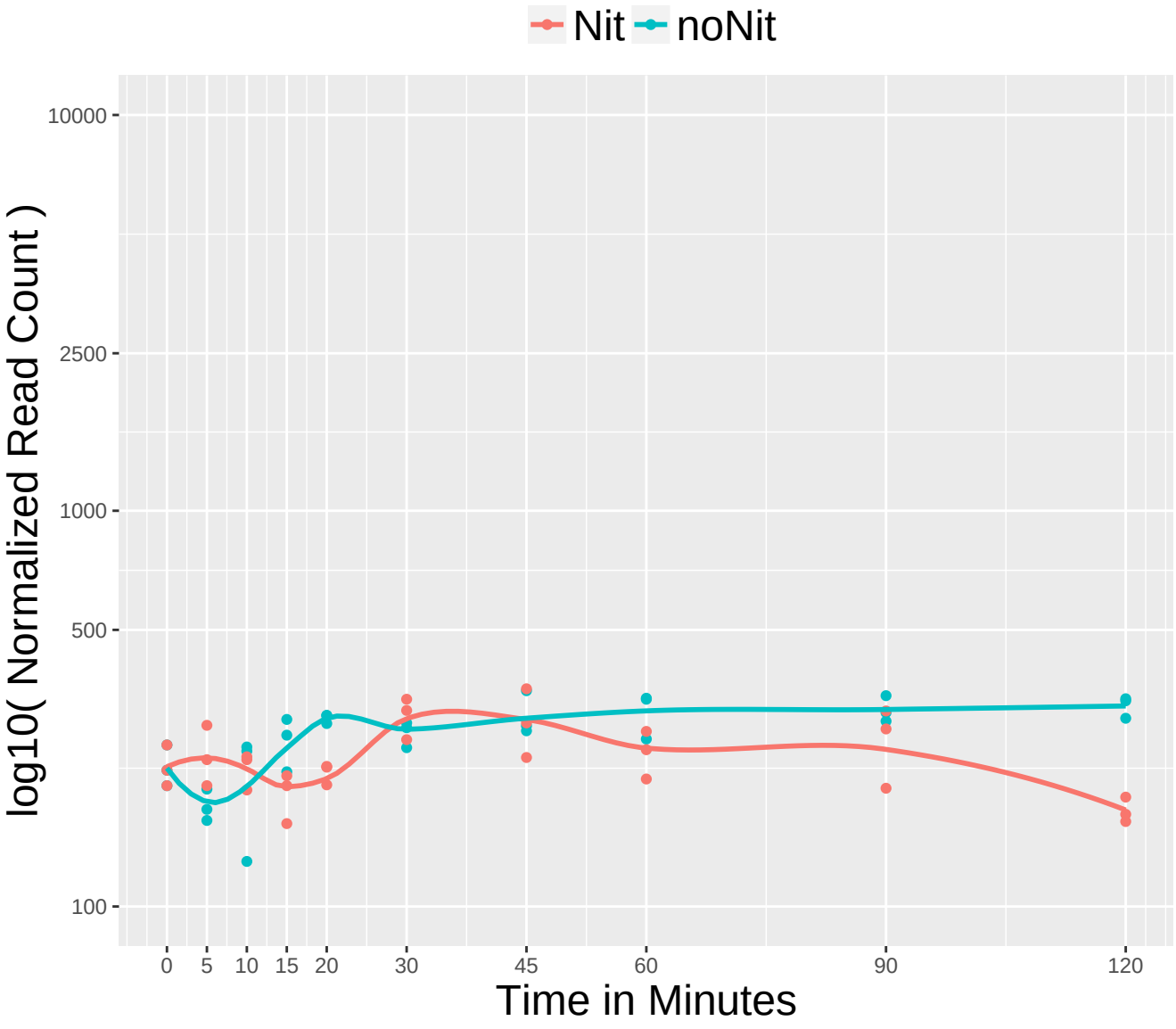
PIRL5,plant



AT2G21830

Cysteine/Histidine−rich



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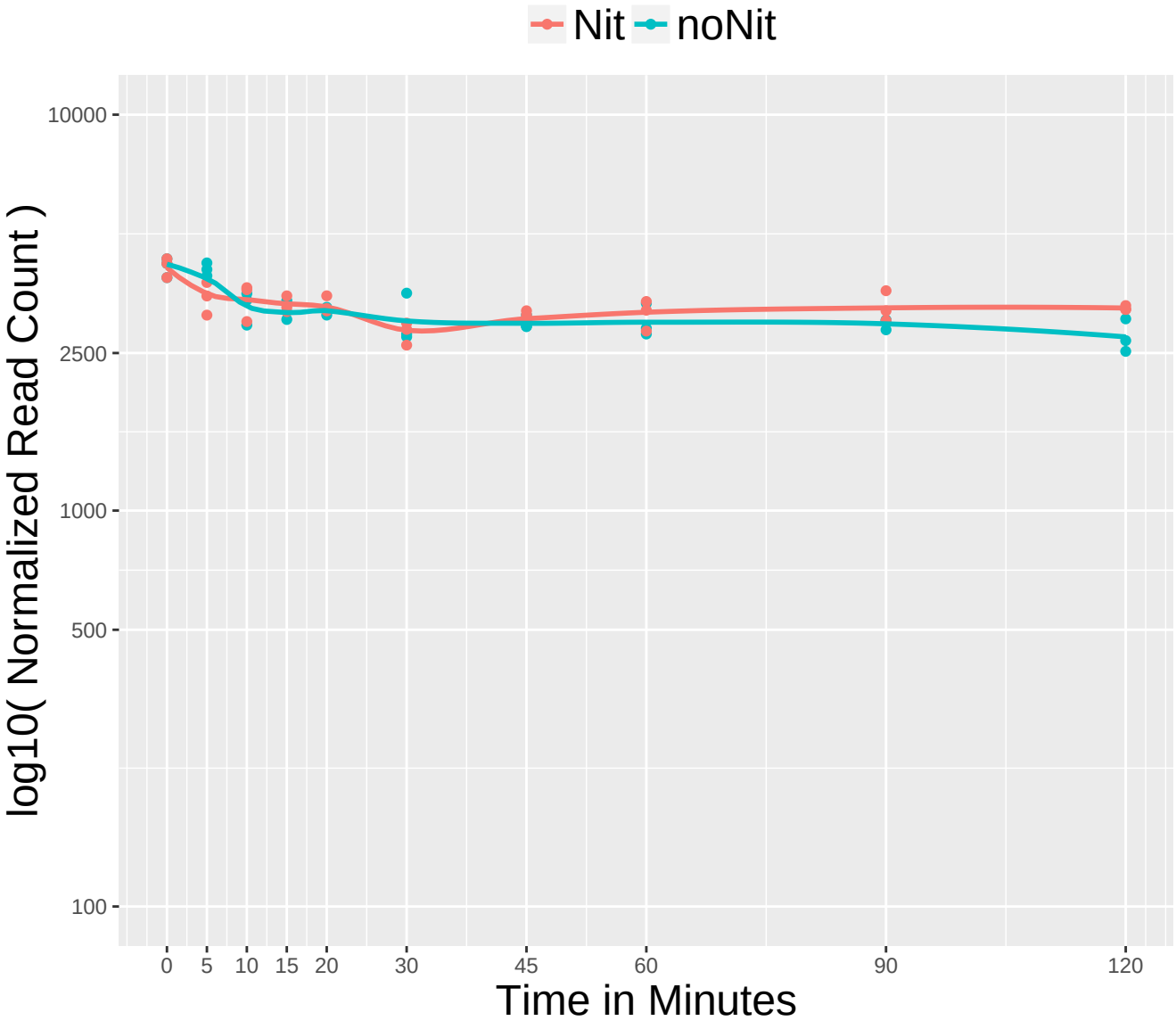

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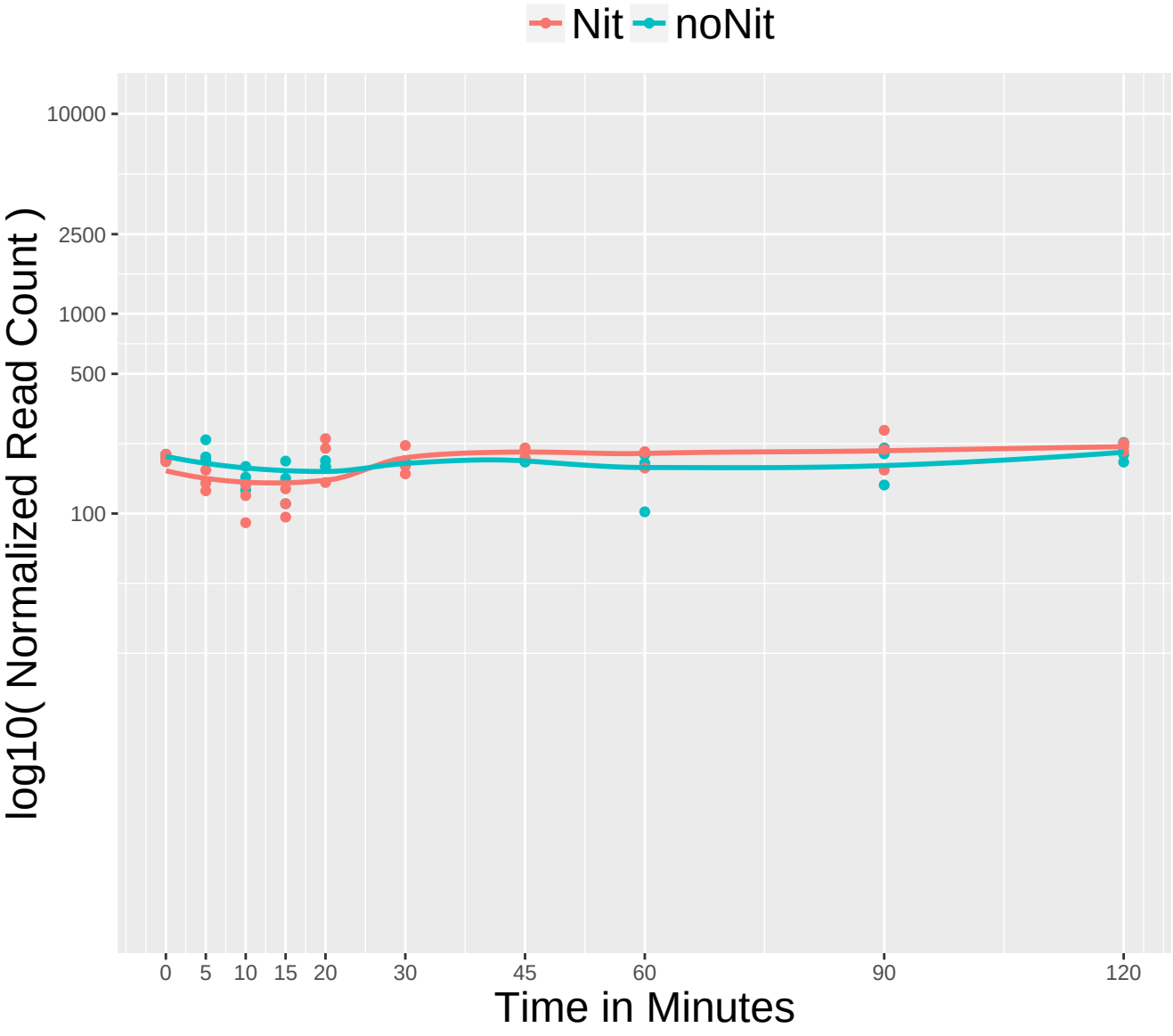

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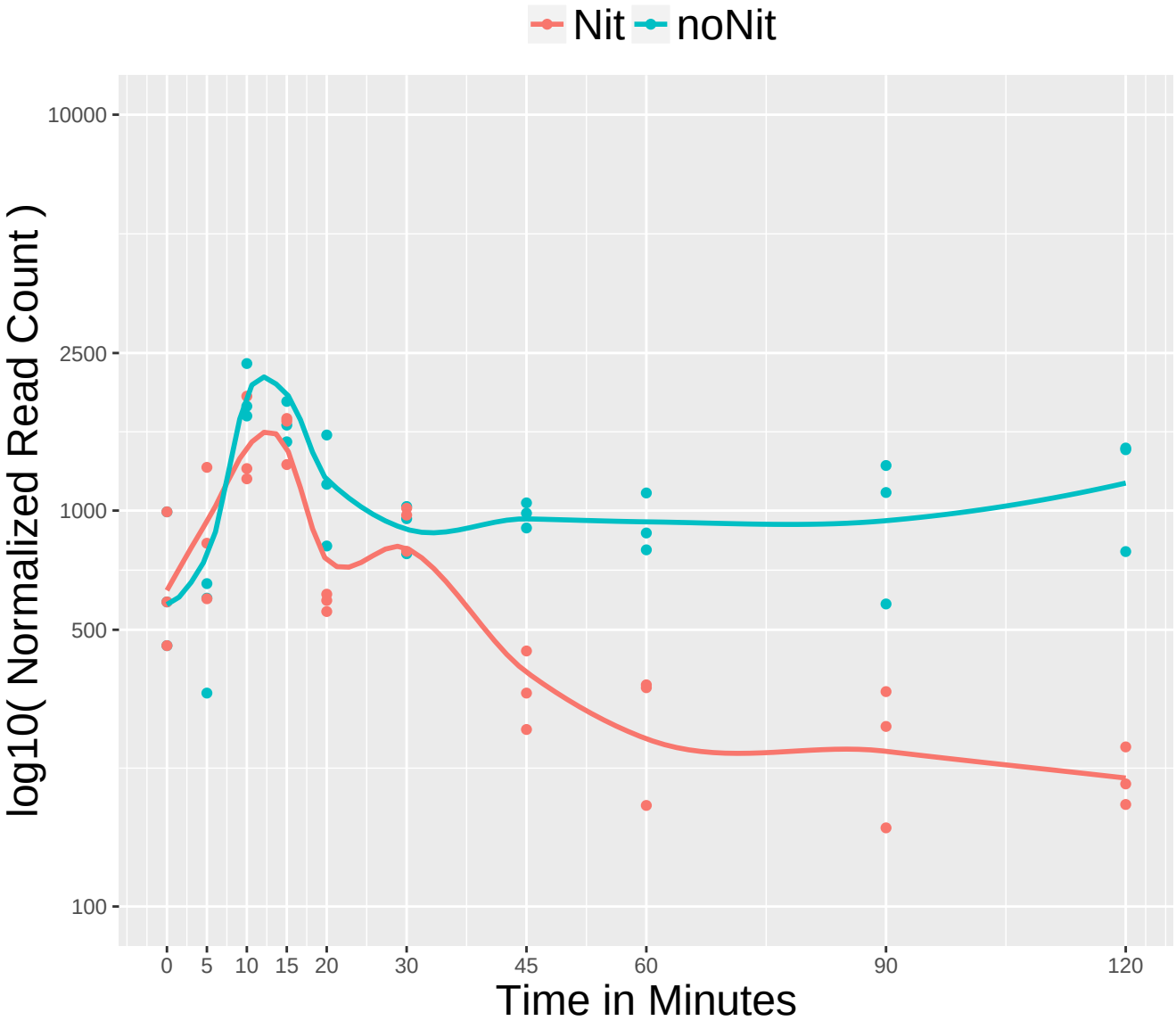

AT3G46490

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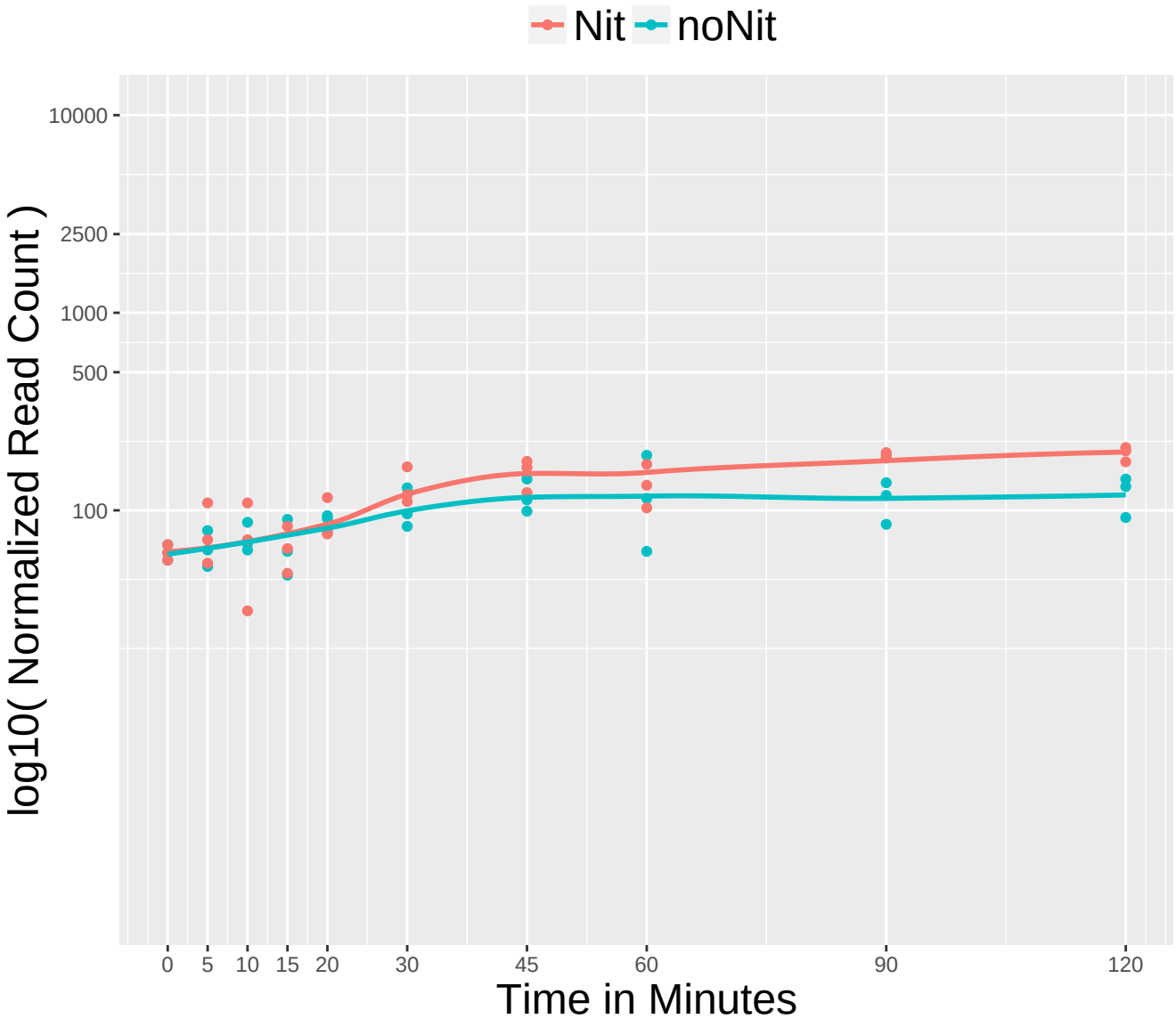

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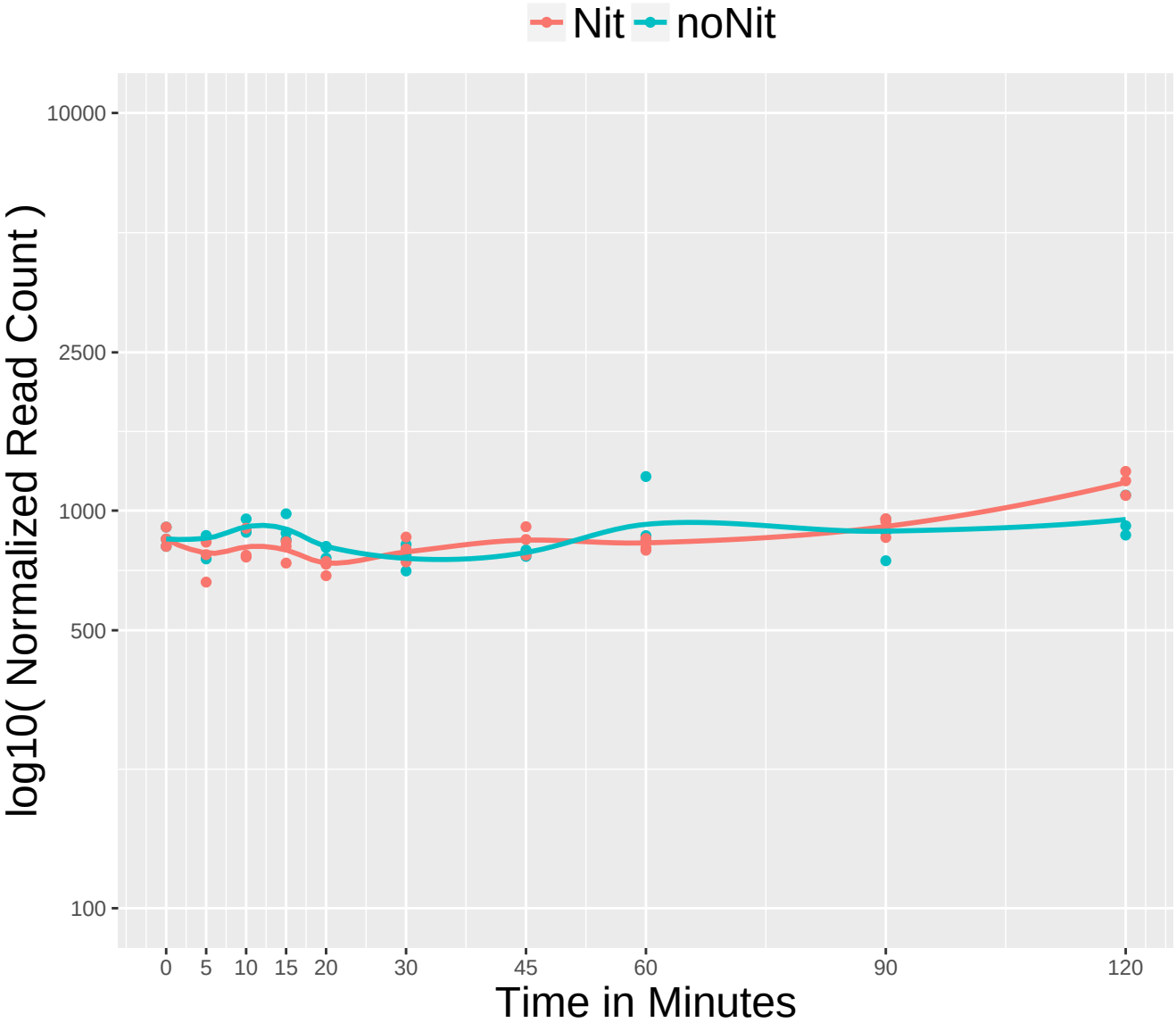
EDD,,EDD1,EMBRYO−DEFECTIVE−DEVELOPMEN



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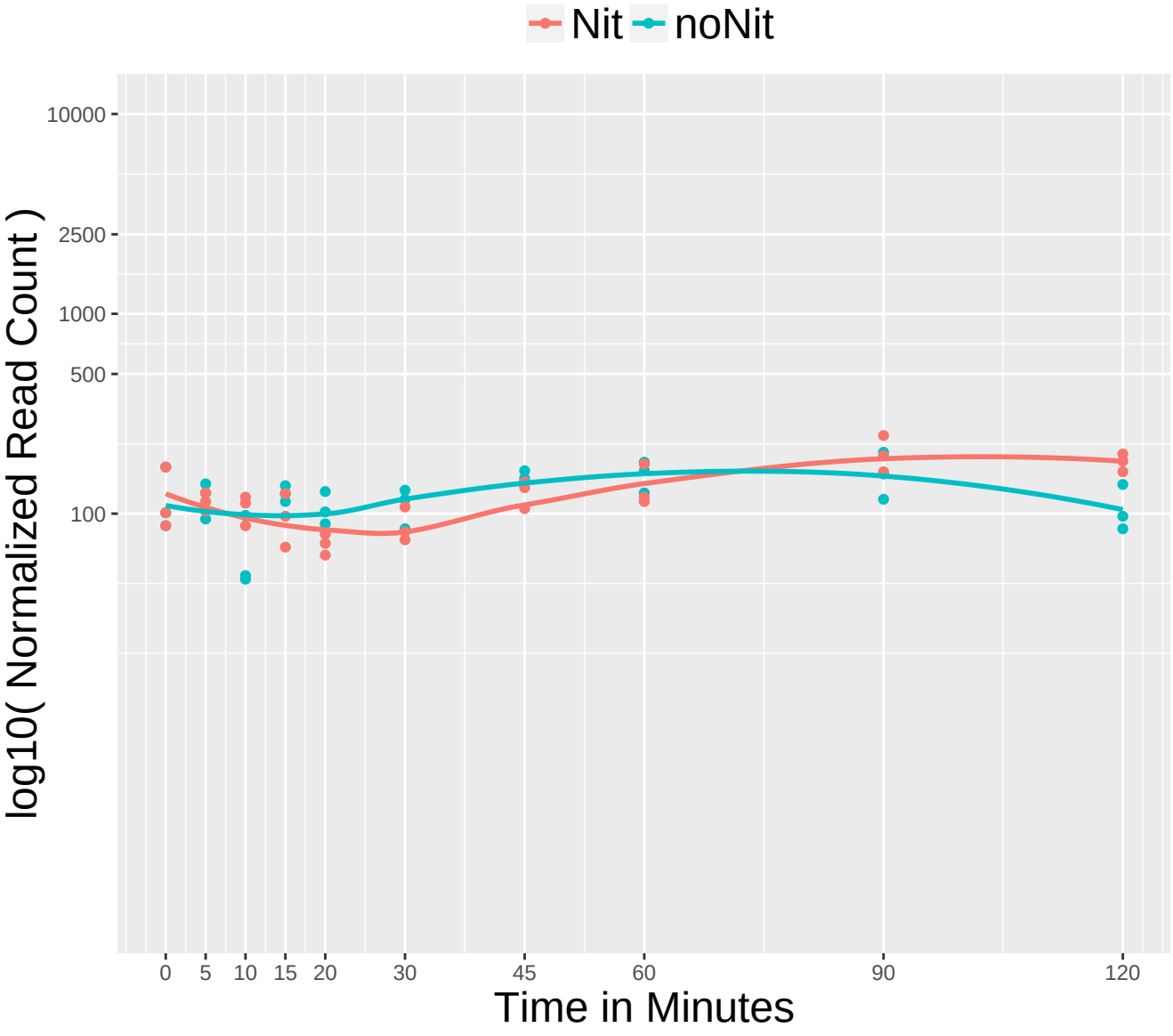
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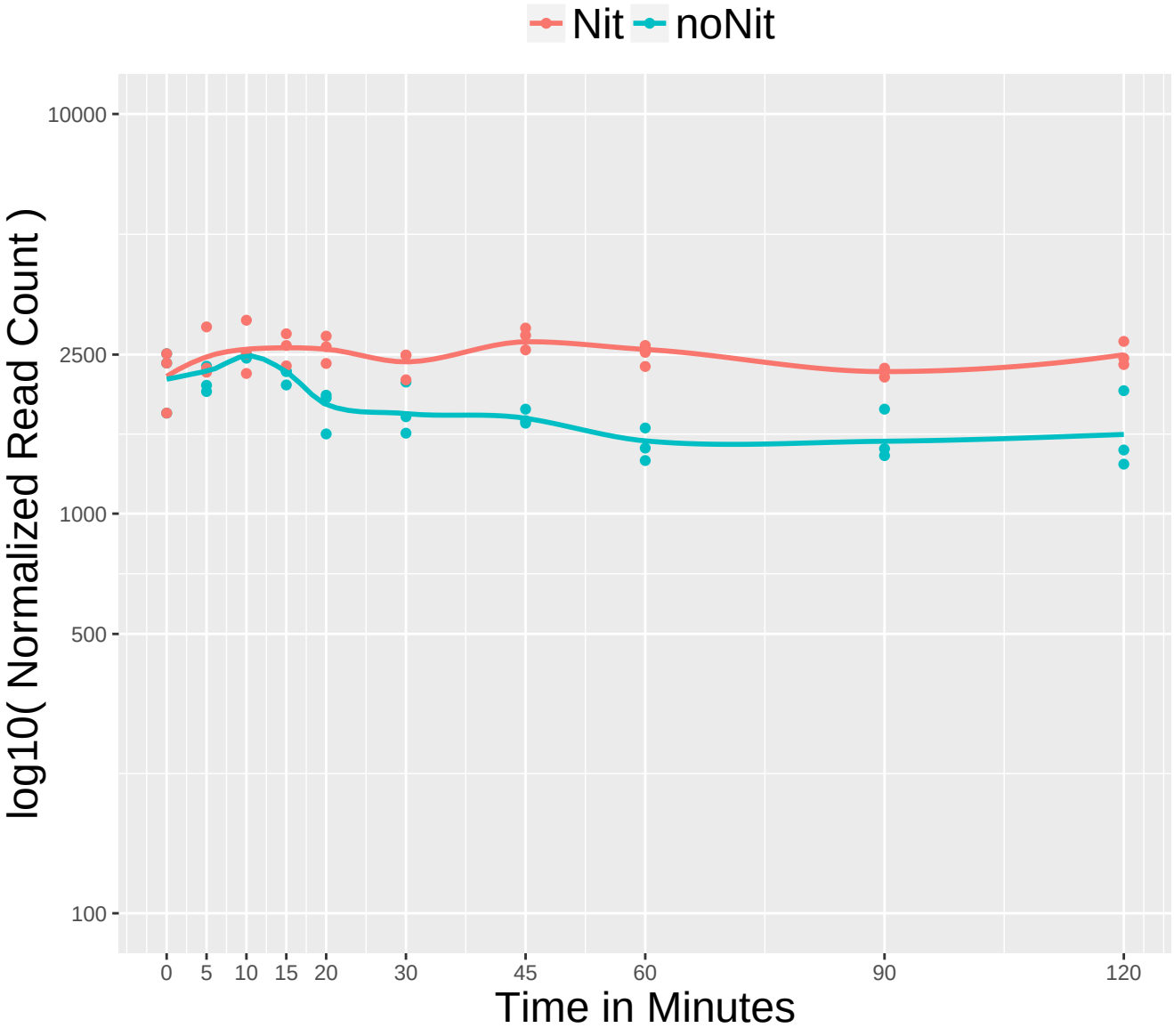
AT5G13100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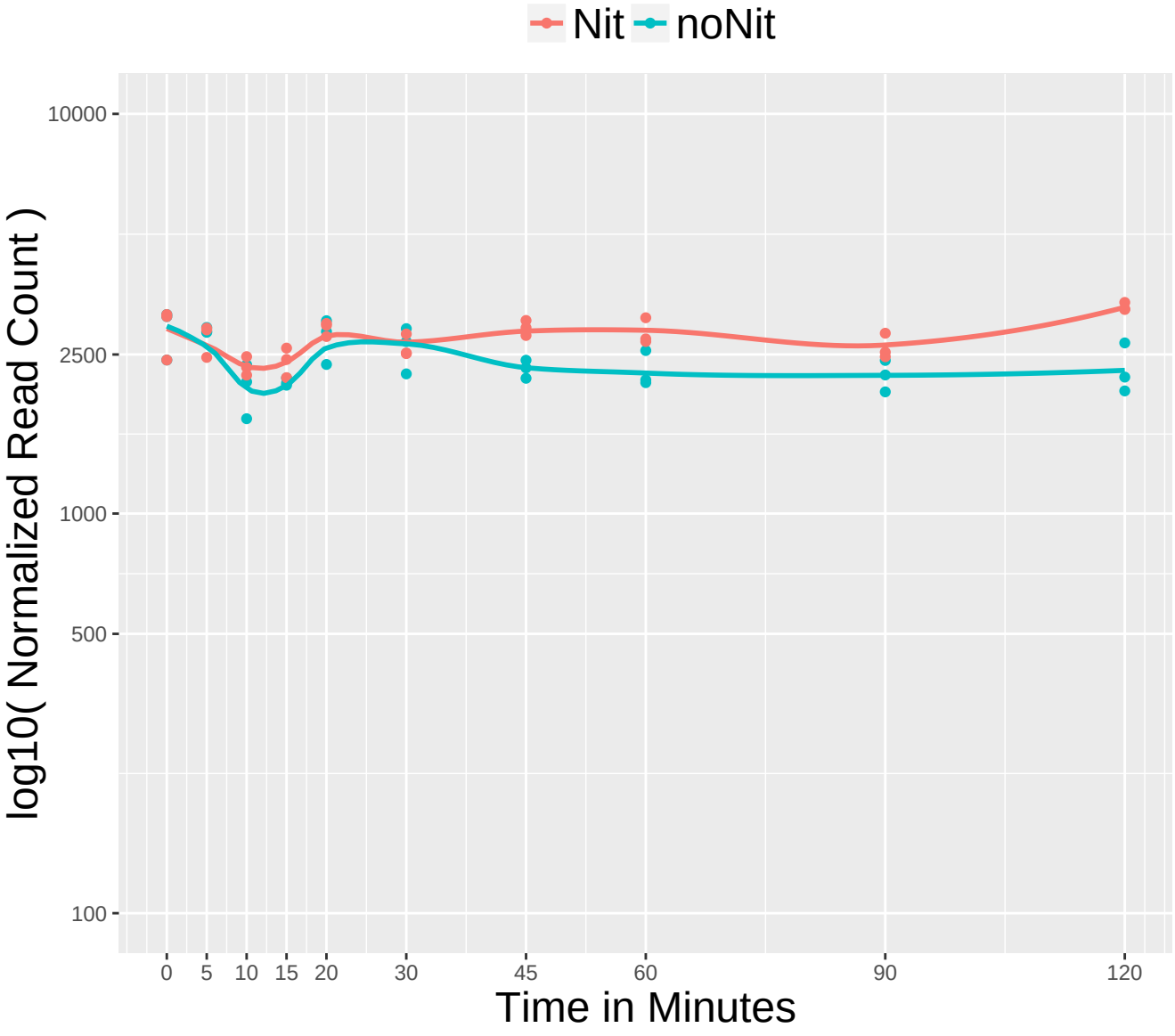
AT5G15610

Proteasome



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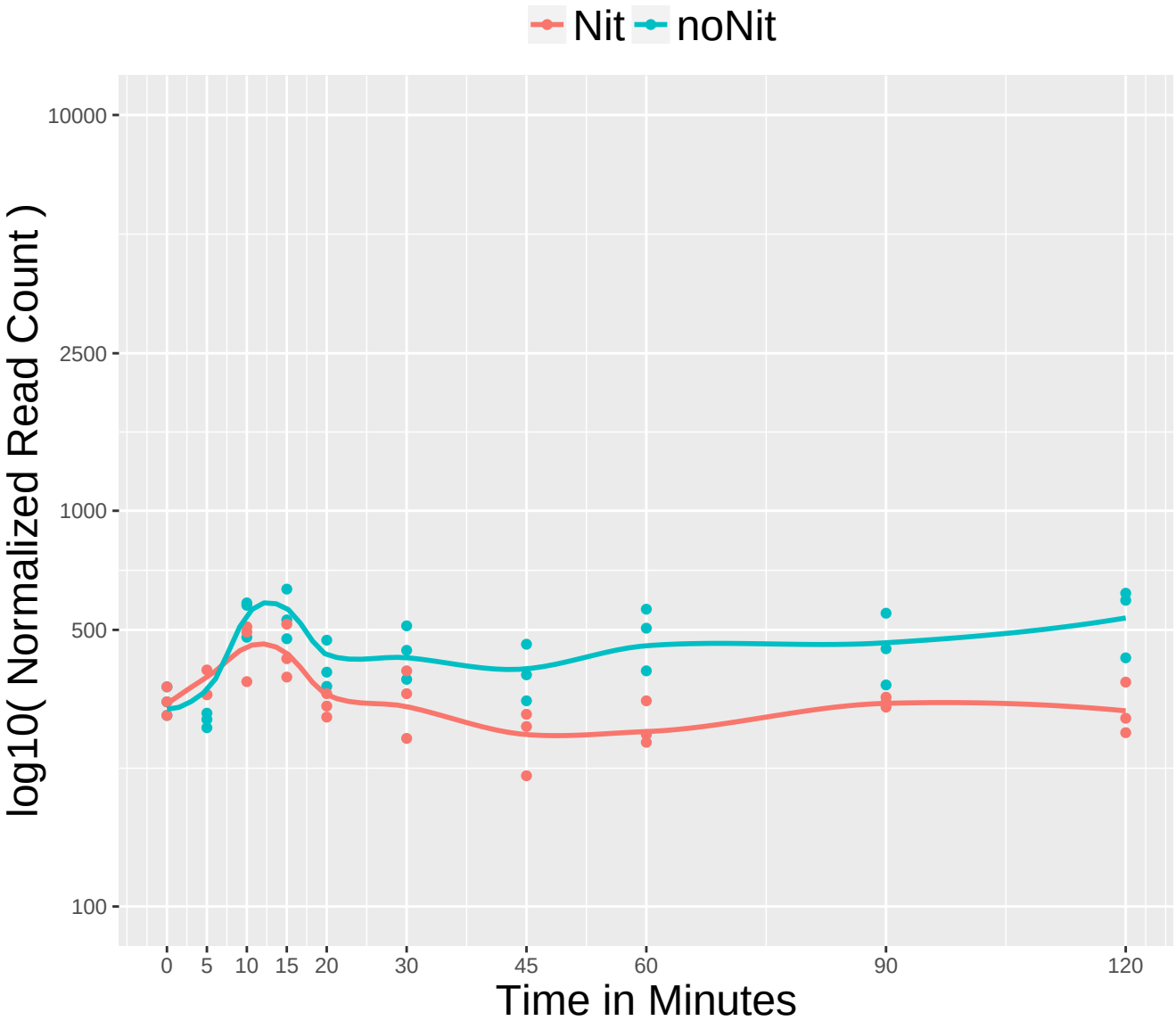
Zim17−type



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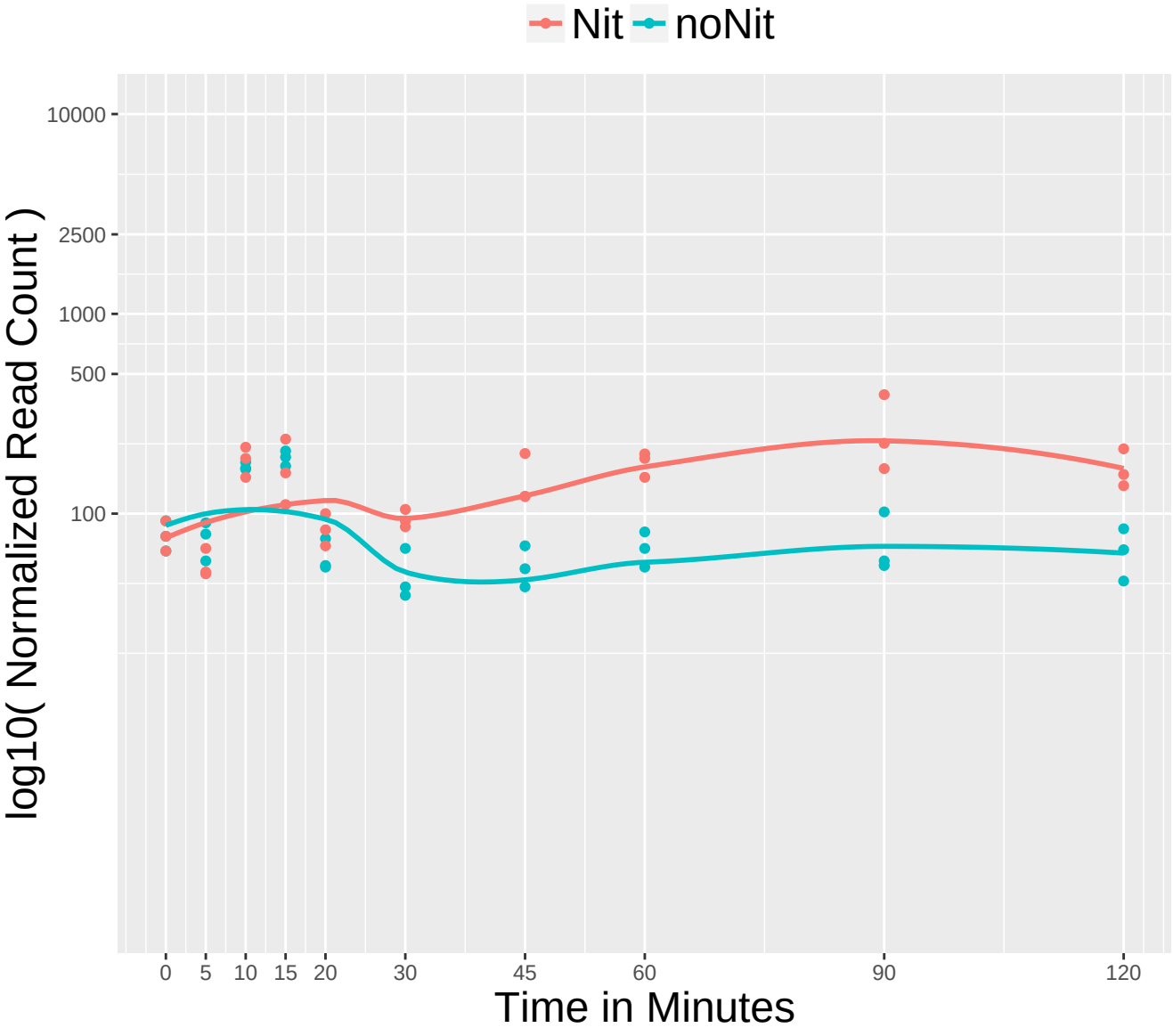

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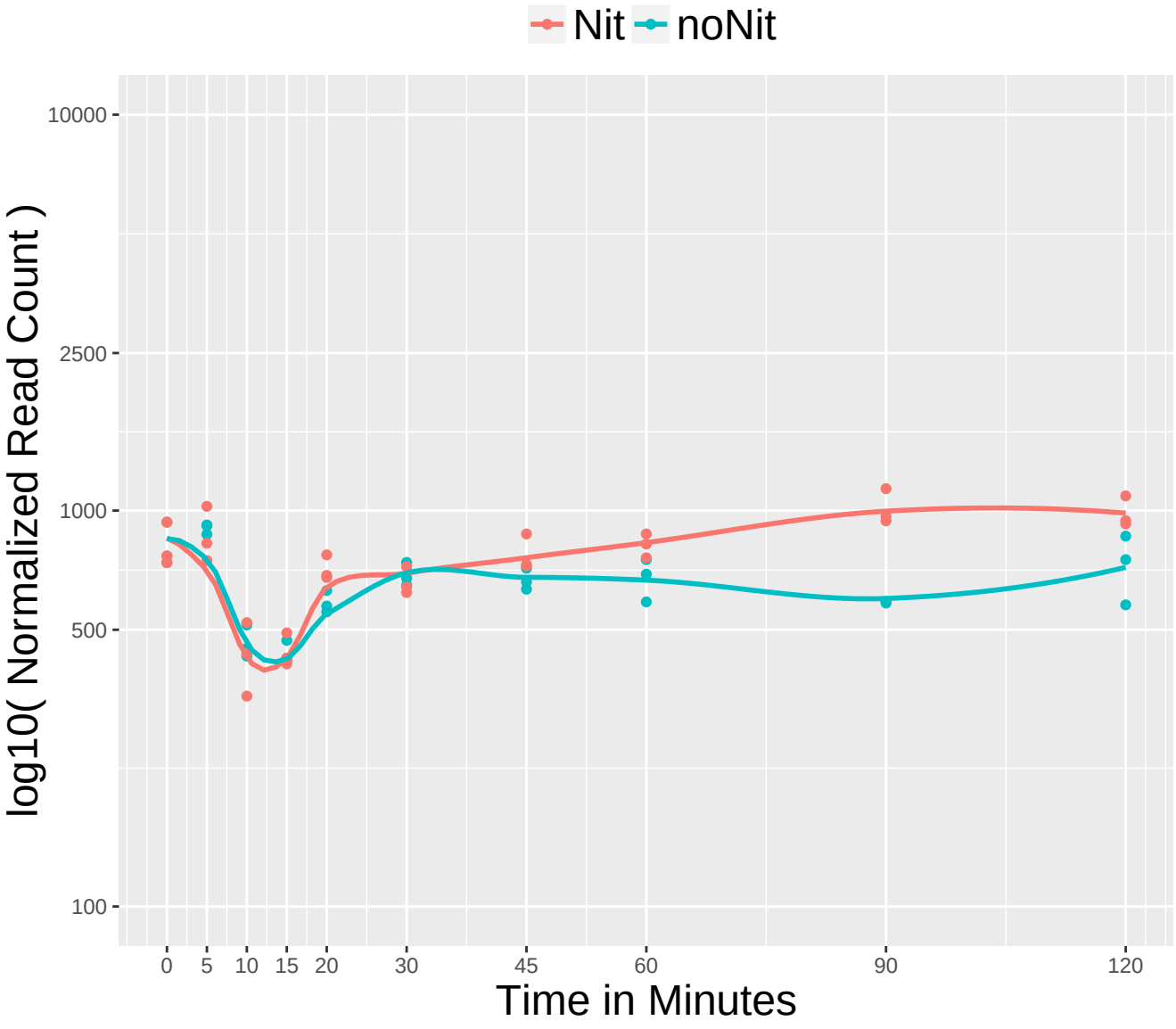
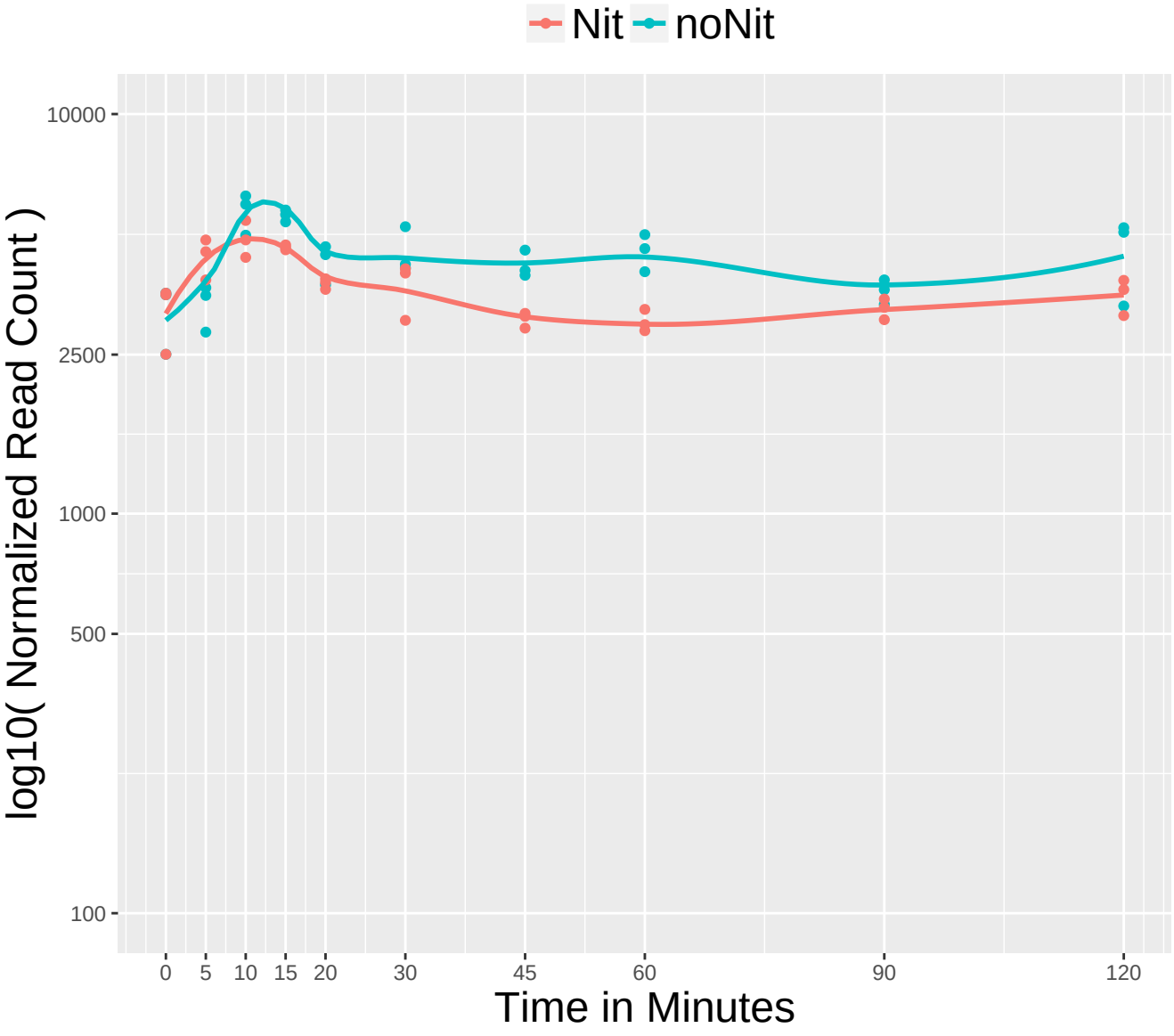
Ypt/Rab−GAP



AT1G02360

Chitinase



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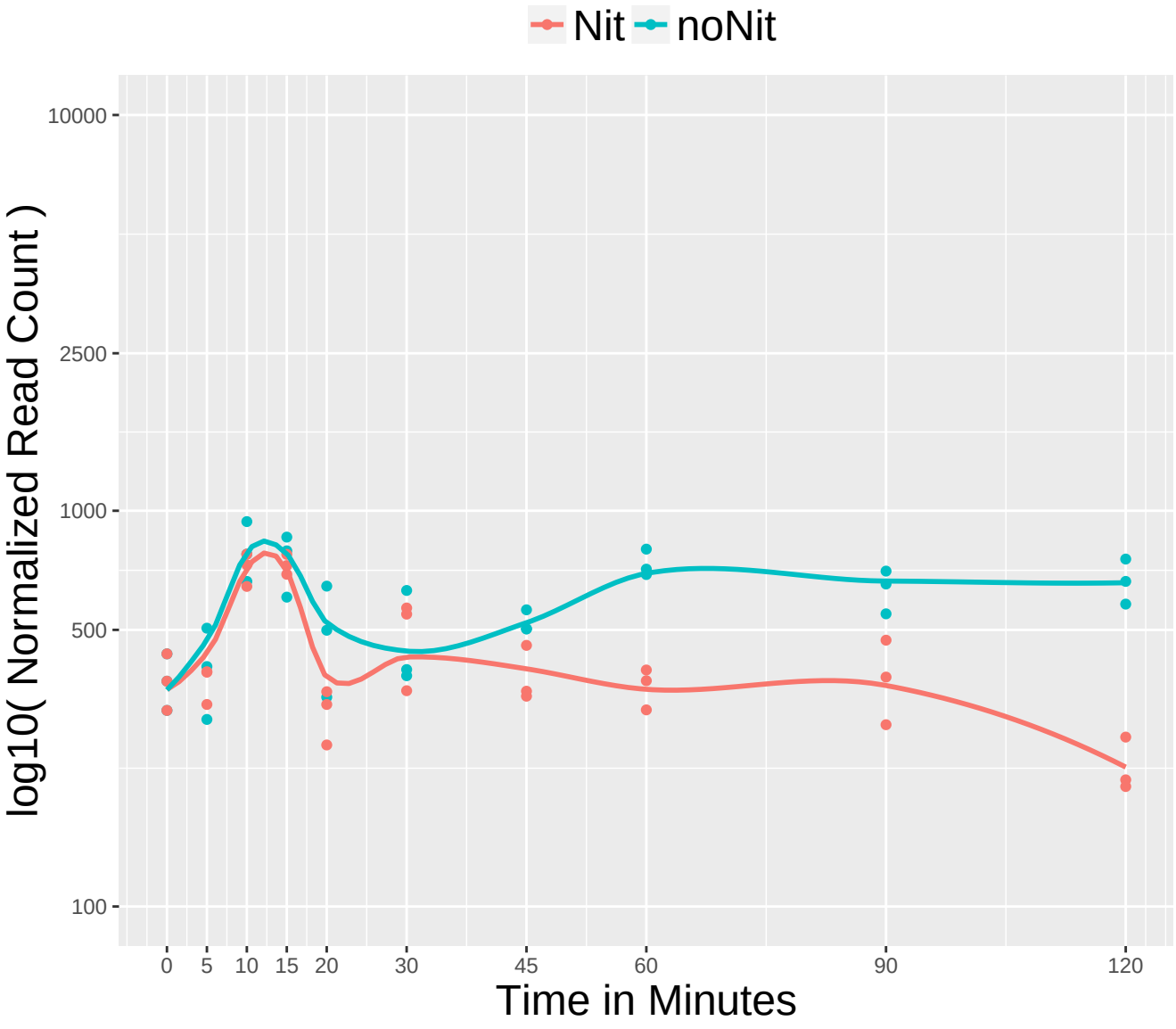
CYP71B28,"cytochrome



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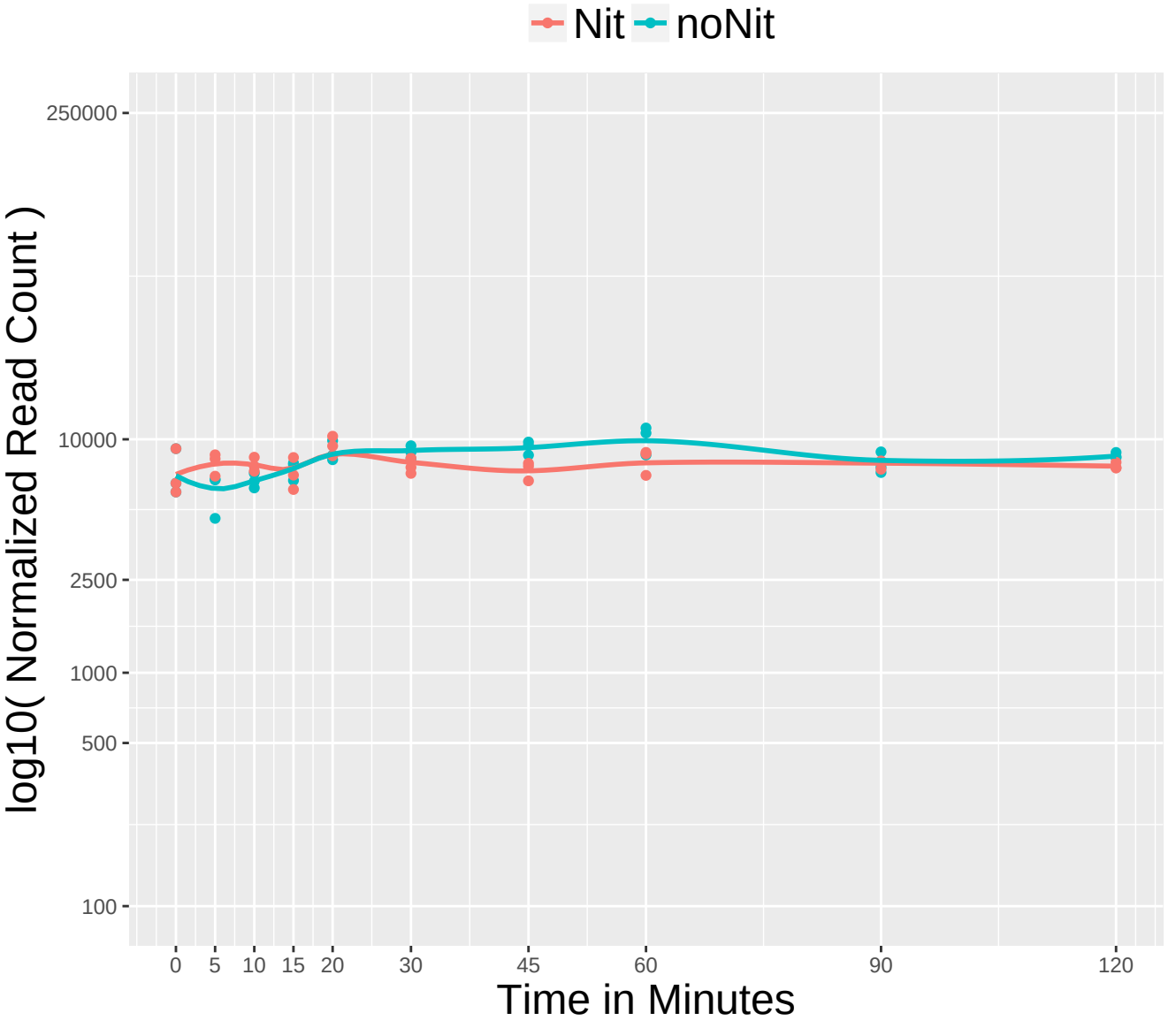

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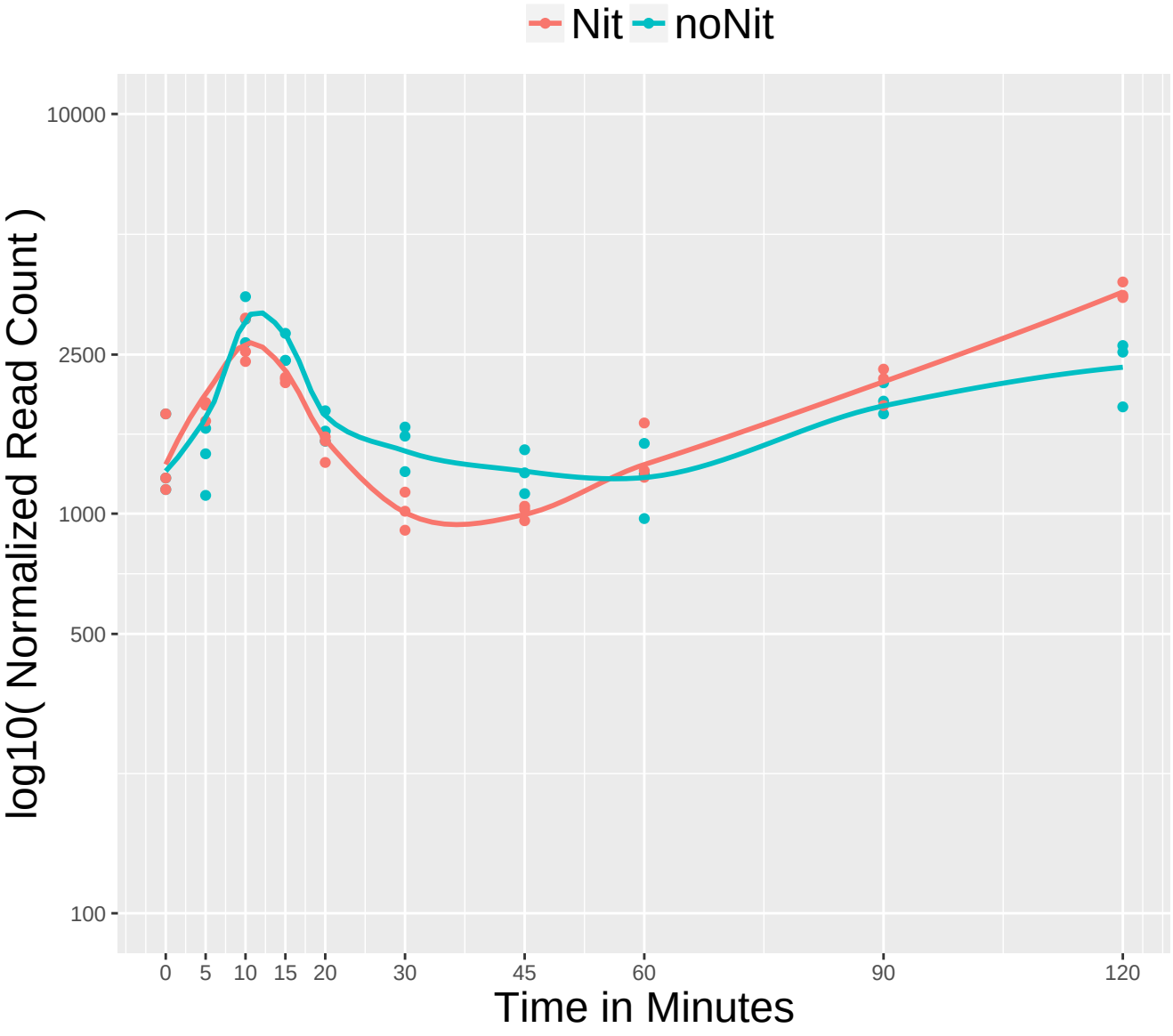
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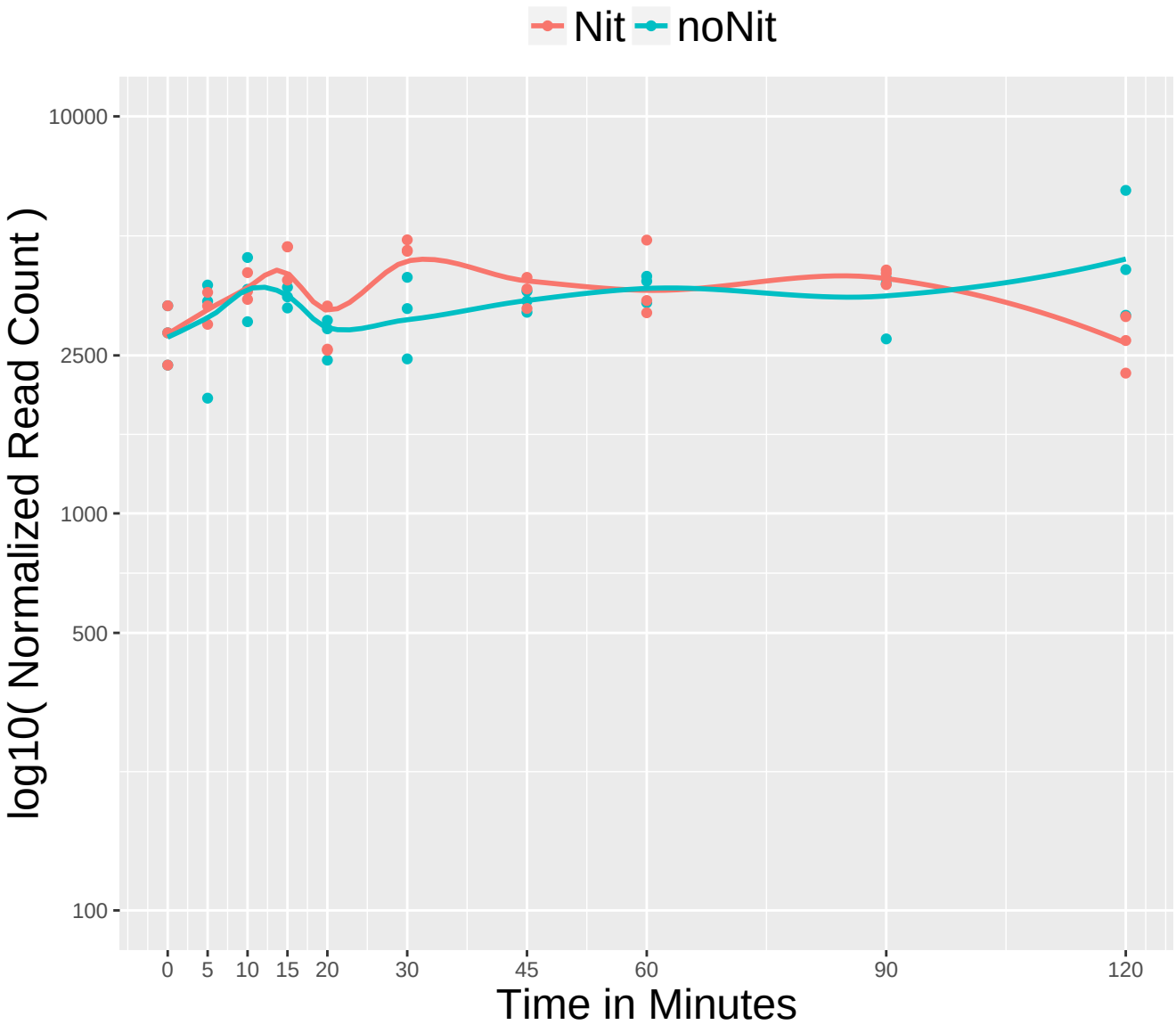
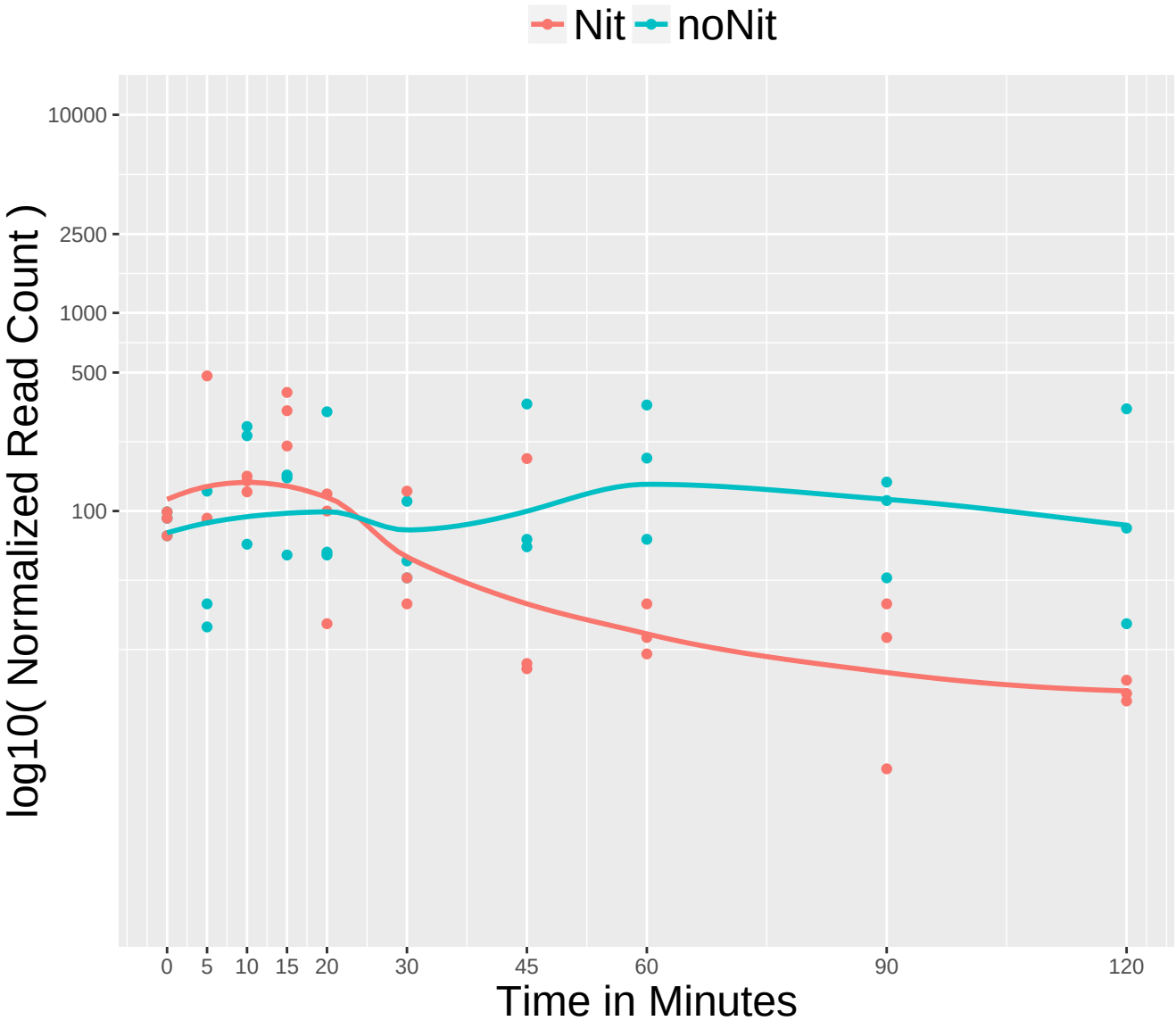
AT1G55920

ATSERAT2;1,serine



AT1G80130

Tetratricopeptide



AT2G17040

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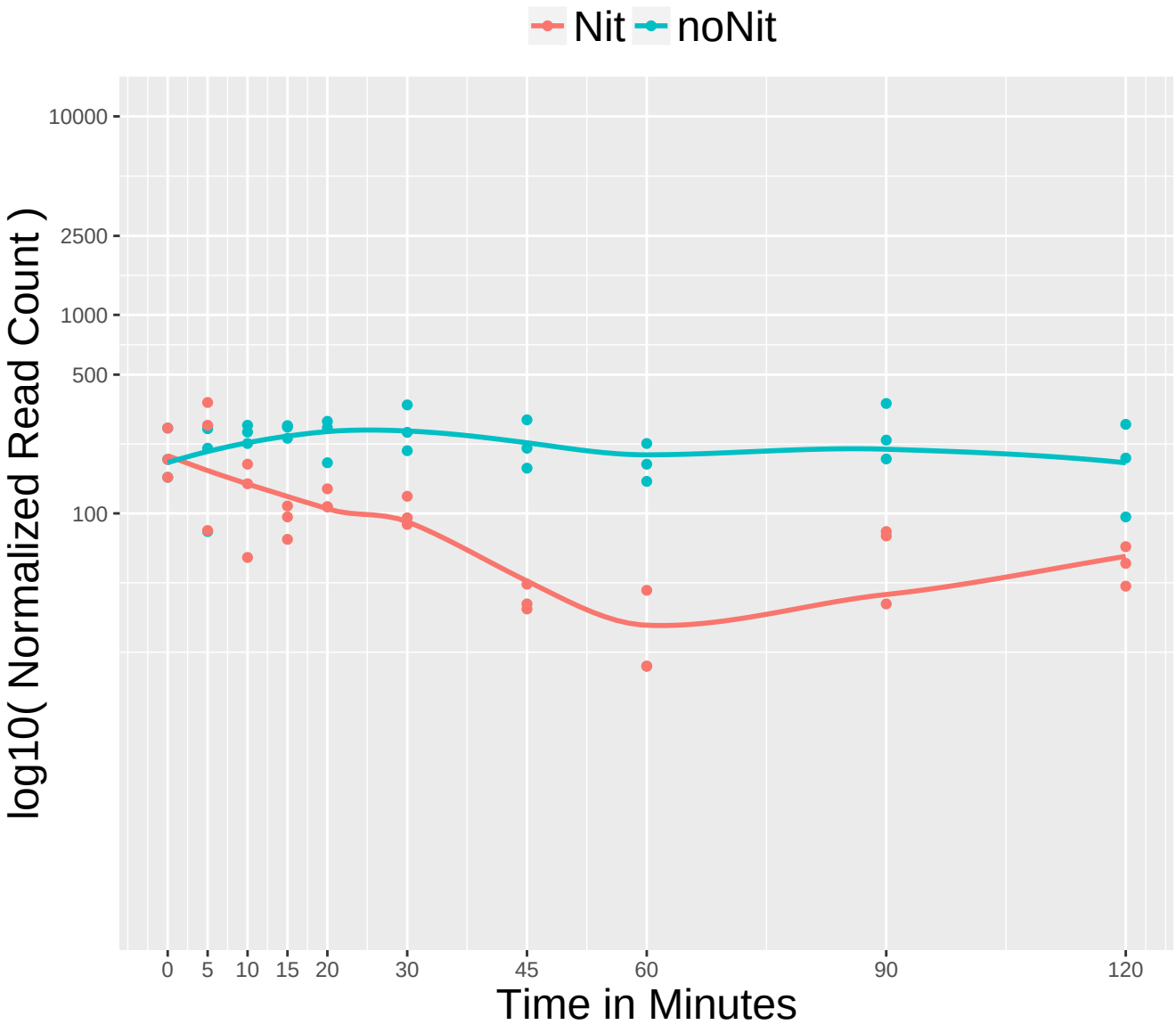

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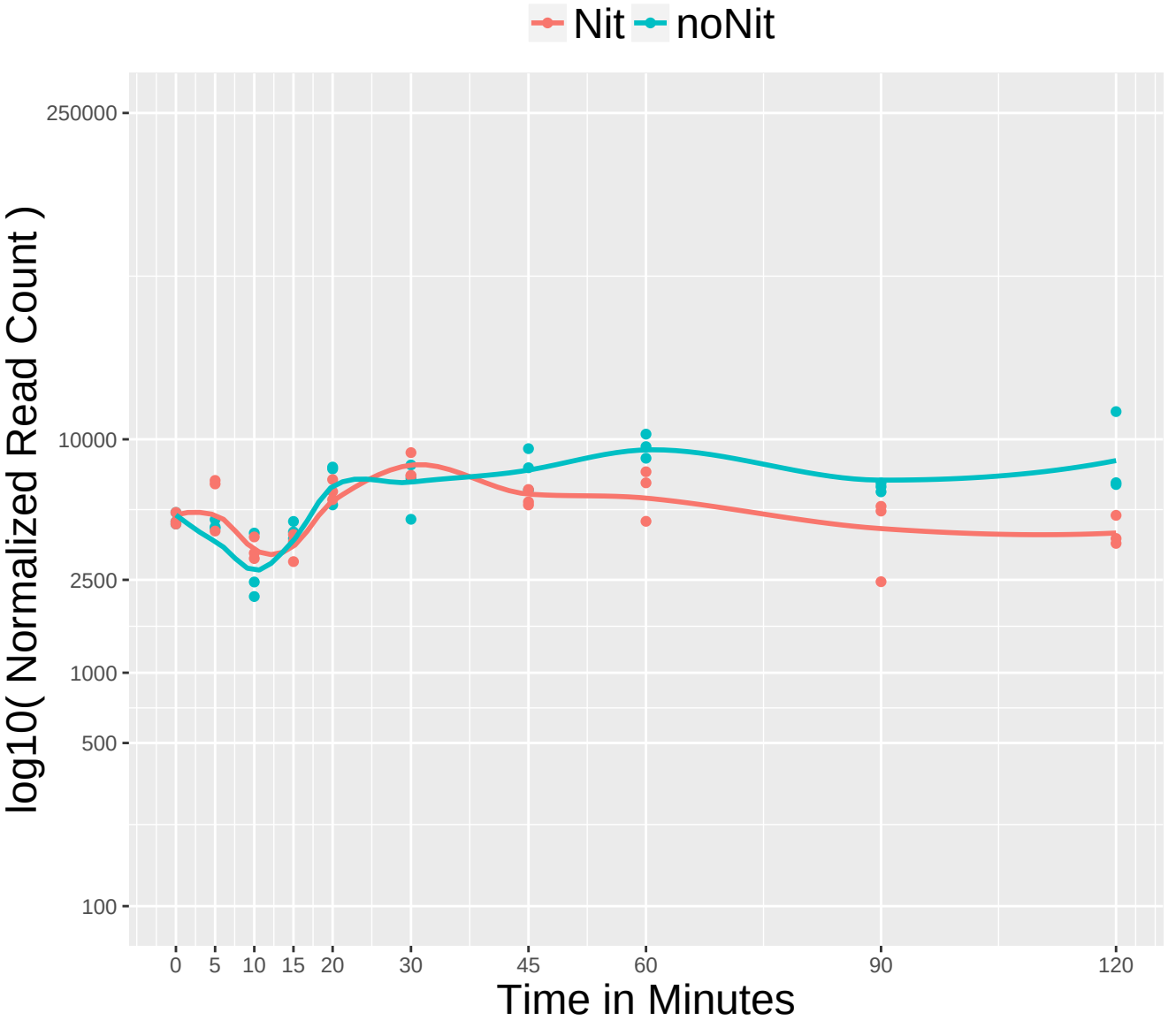
Auxin



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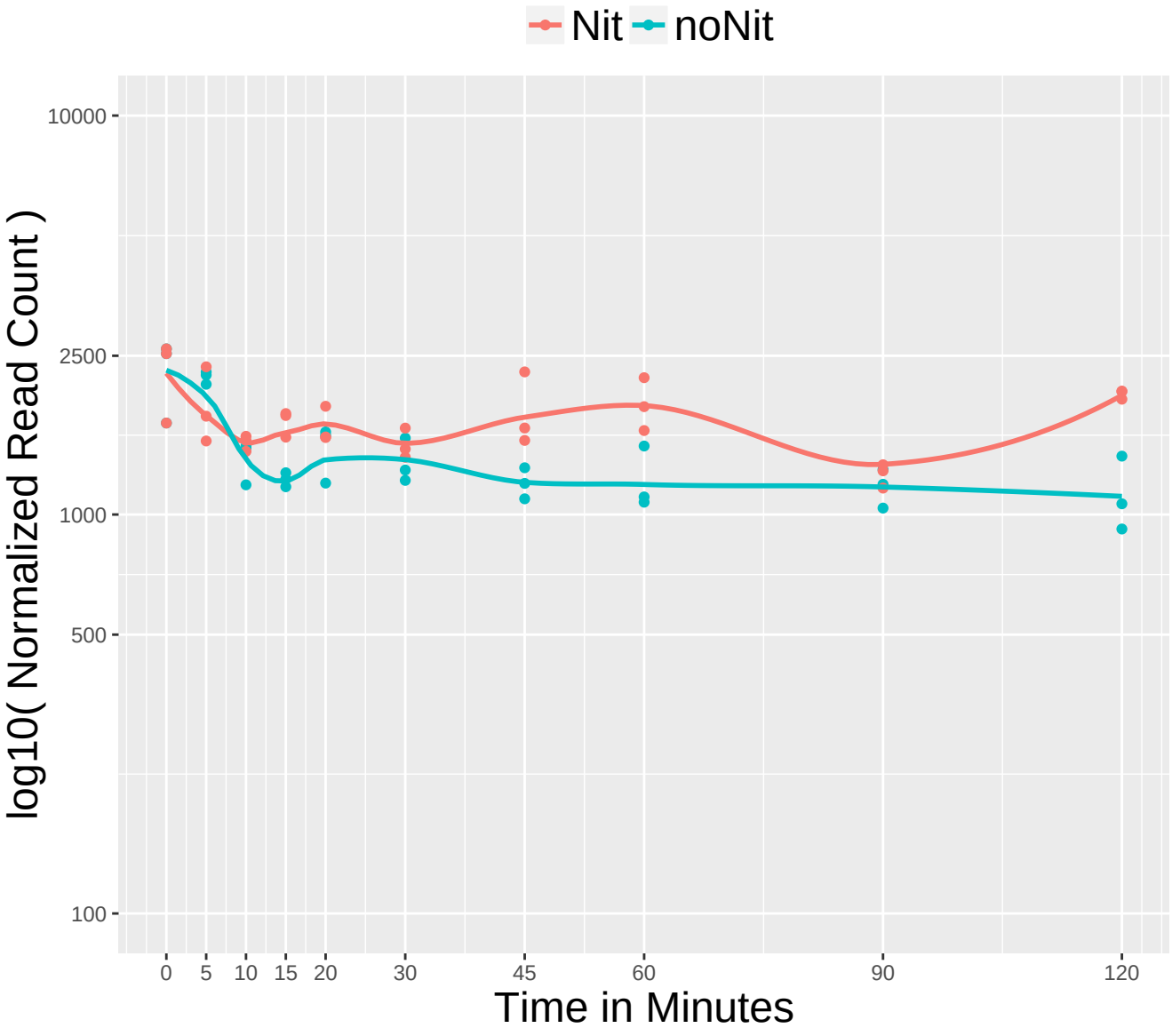
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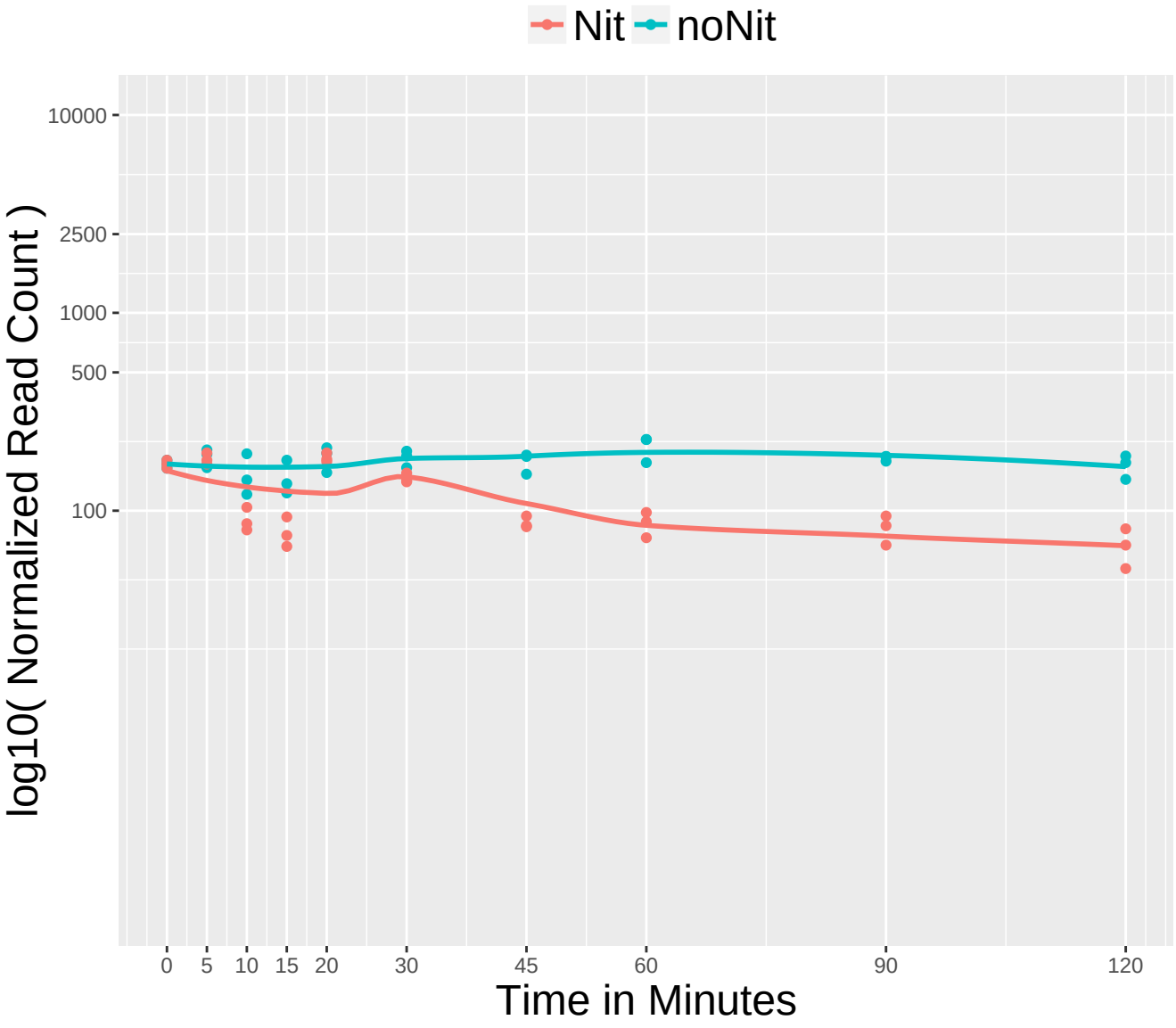
AT3G28100

UMAMIT45,Usually



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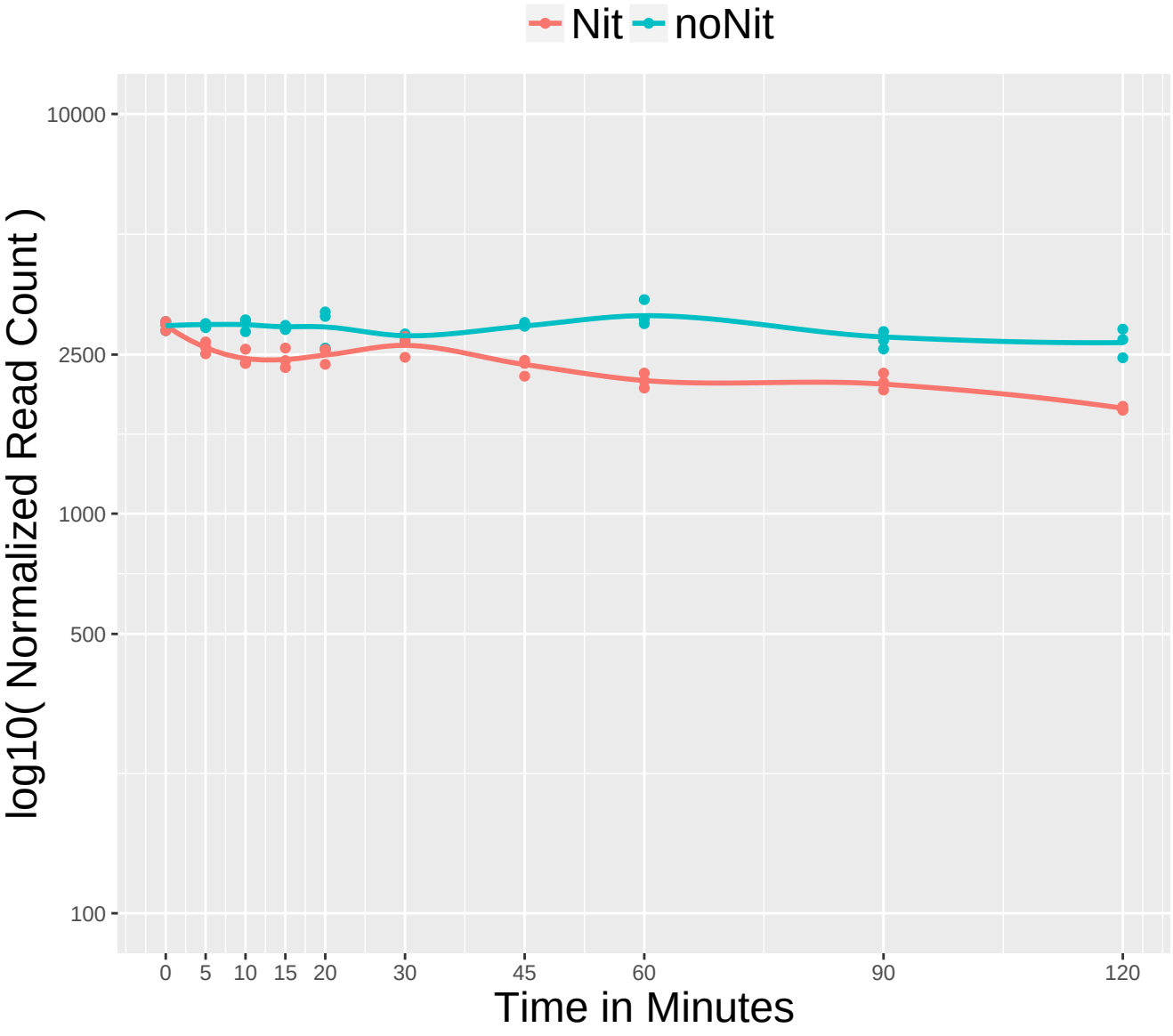
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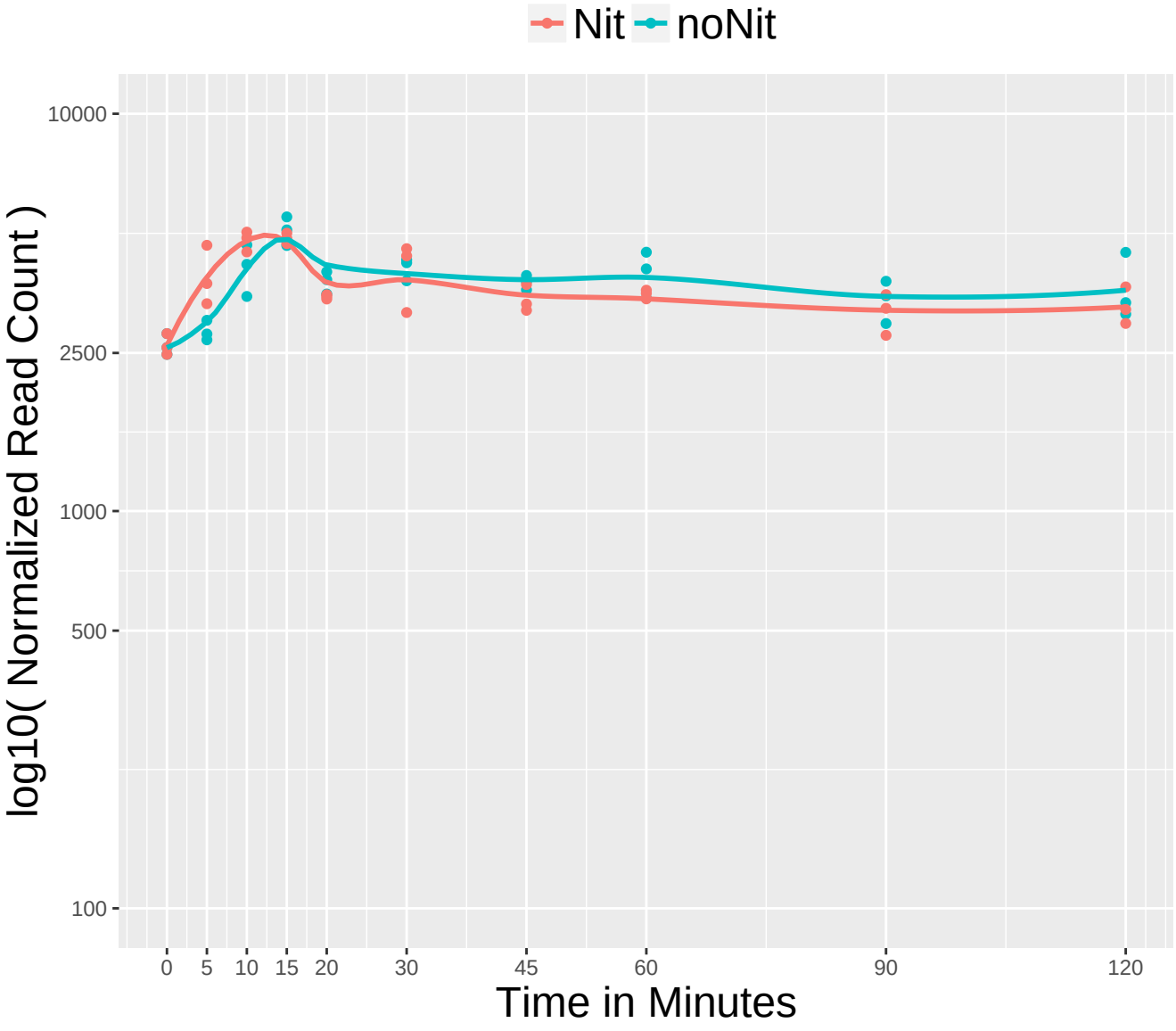
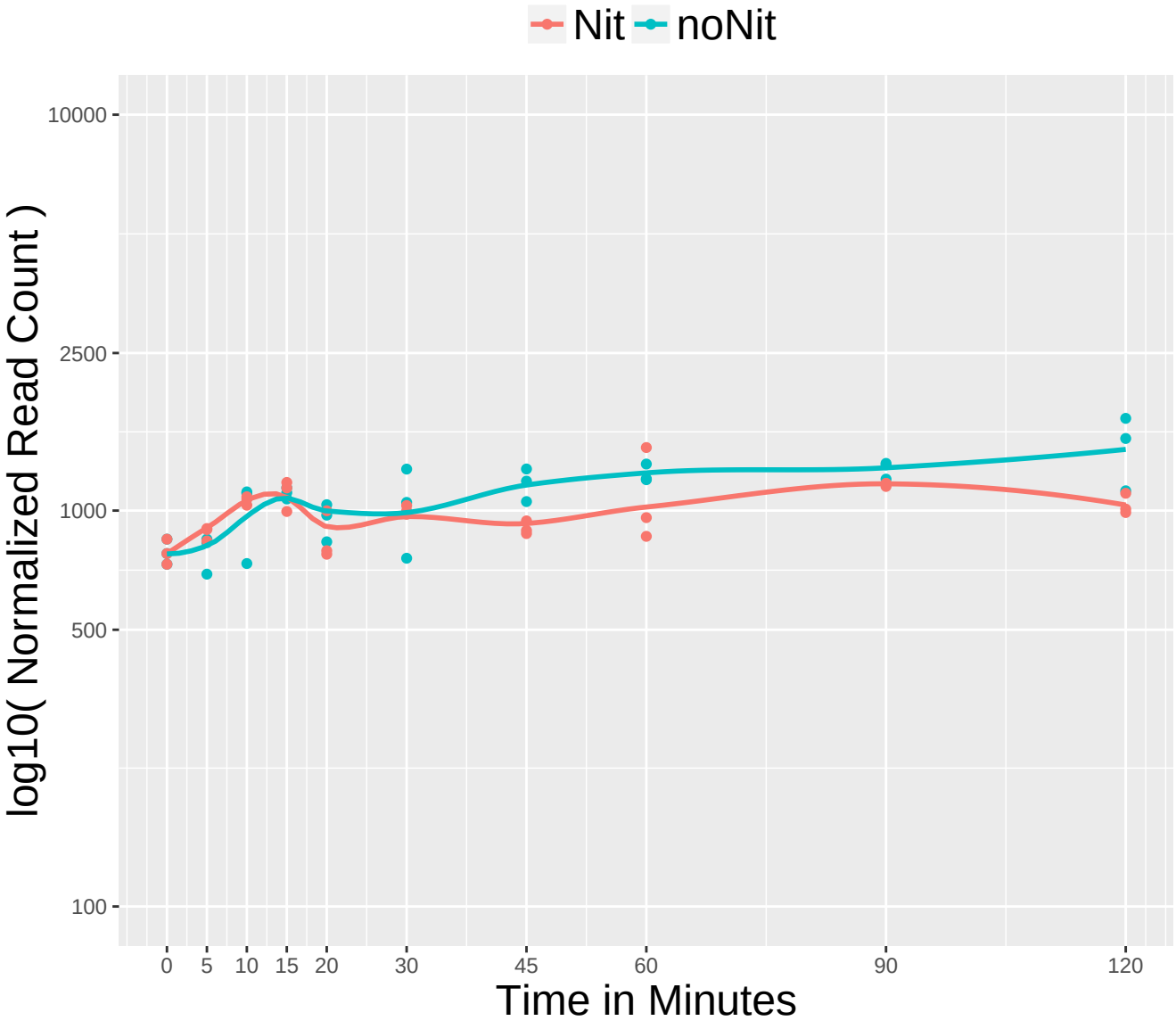
AT3G51920

ATCML9,,CAM9,calmodulin



AT4G15420

Ubiquitin



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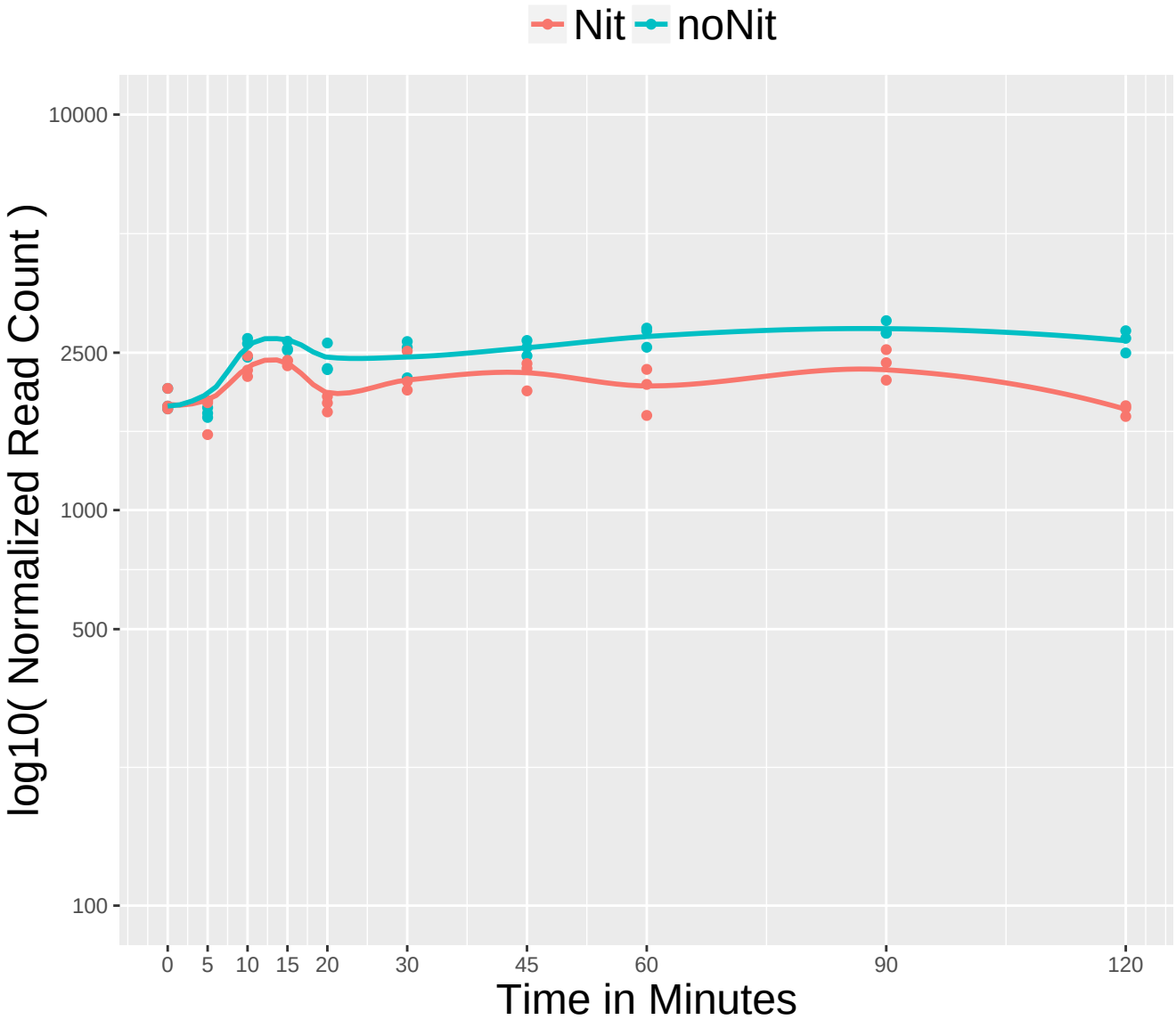
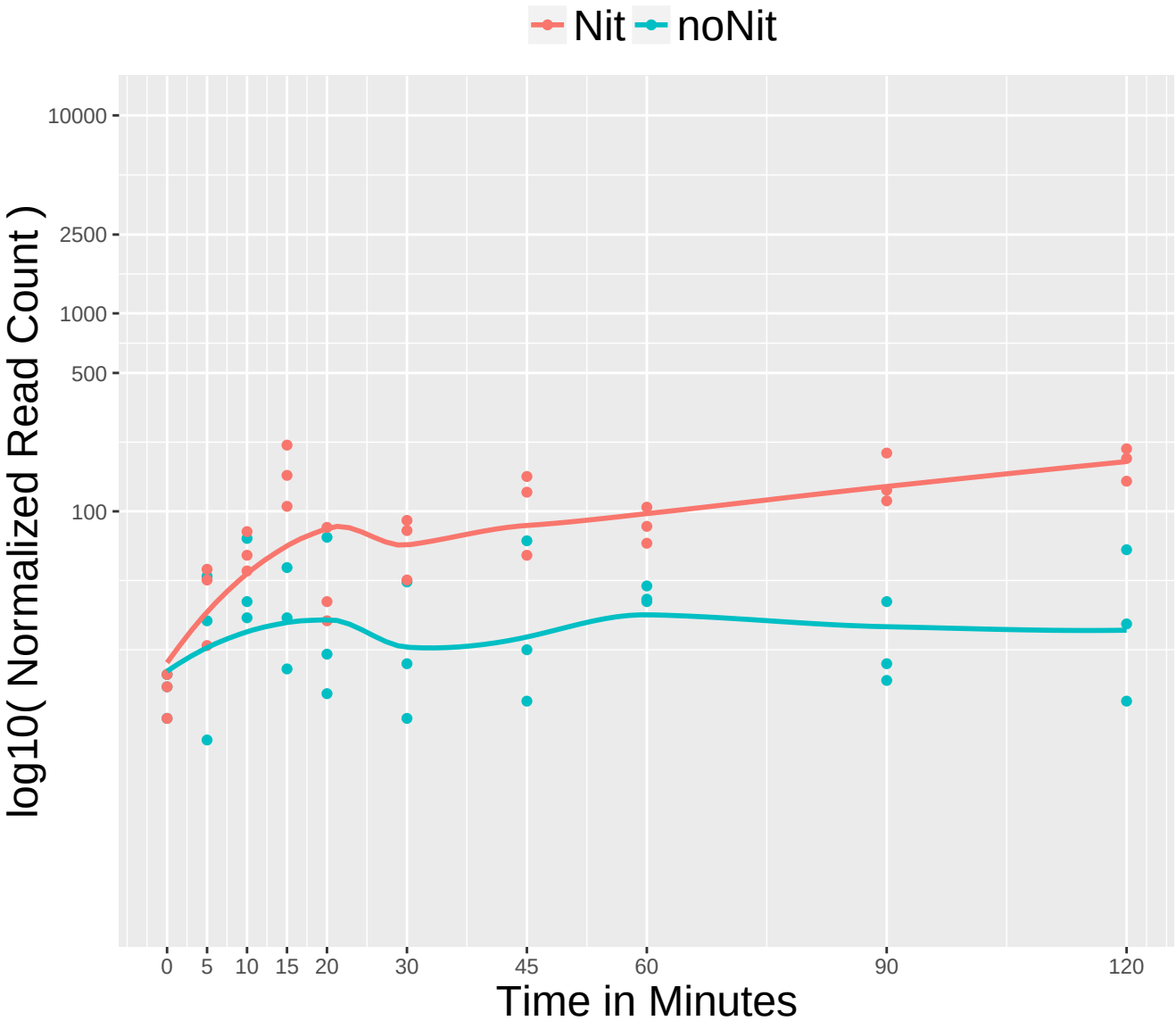
ATPANK2,pantothenate



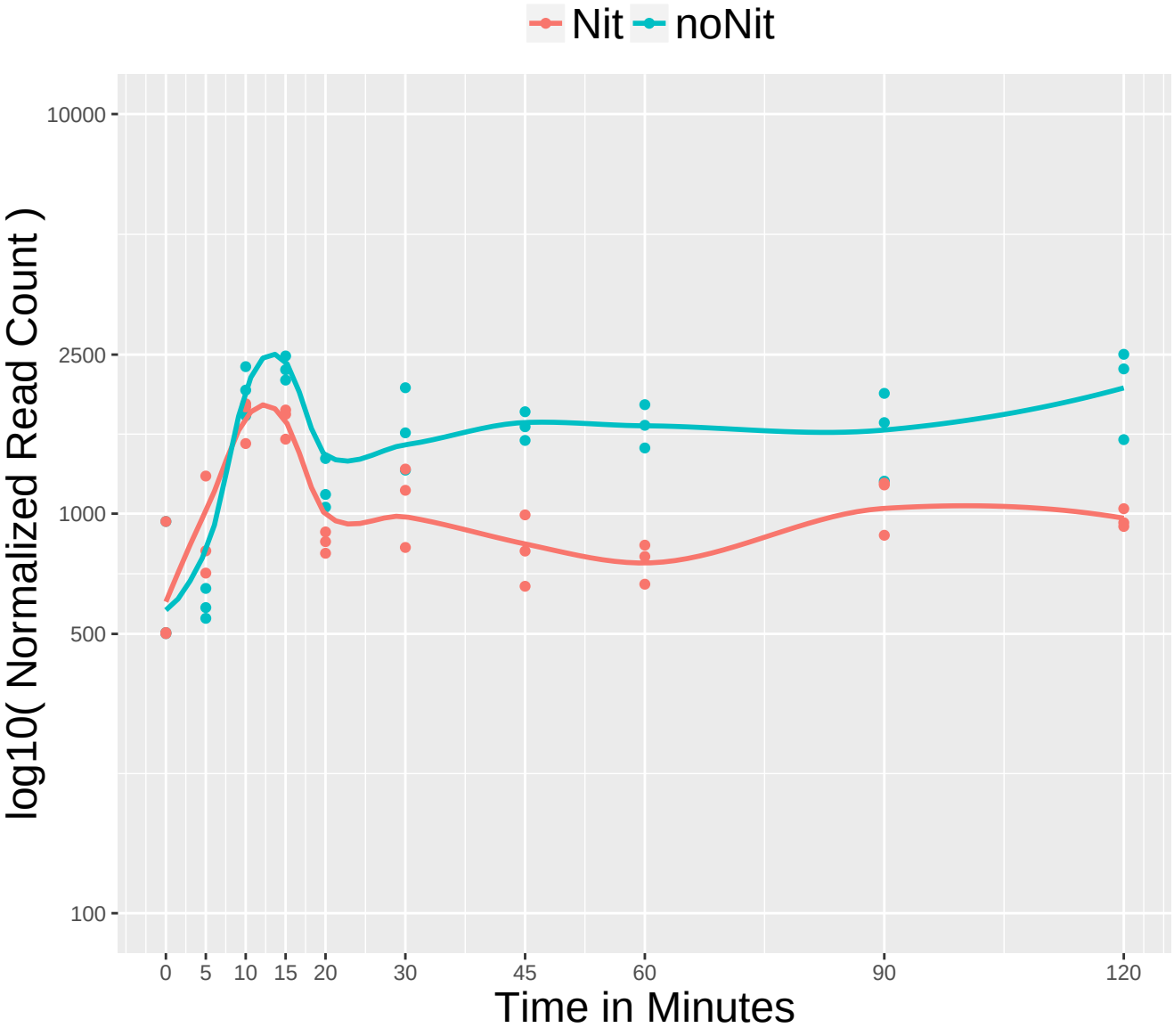
AT5G03350

Legume



AT5G06740

Concanavalin



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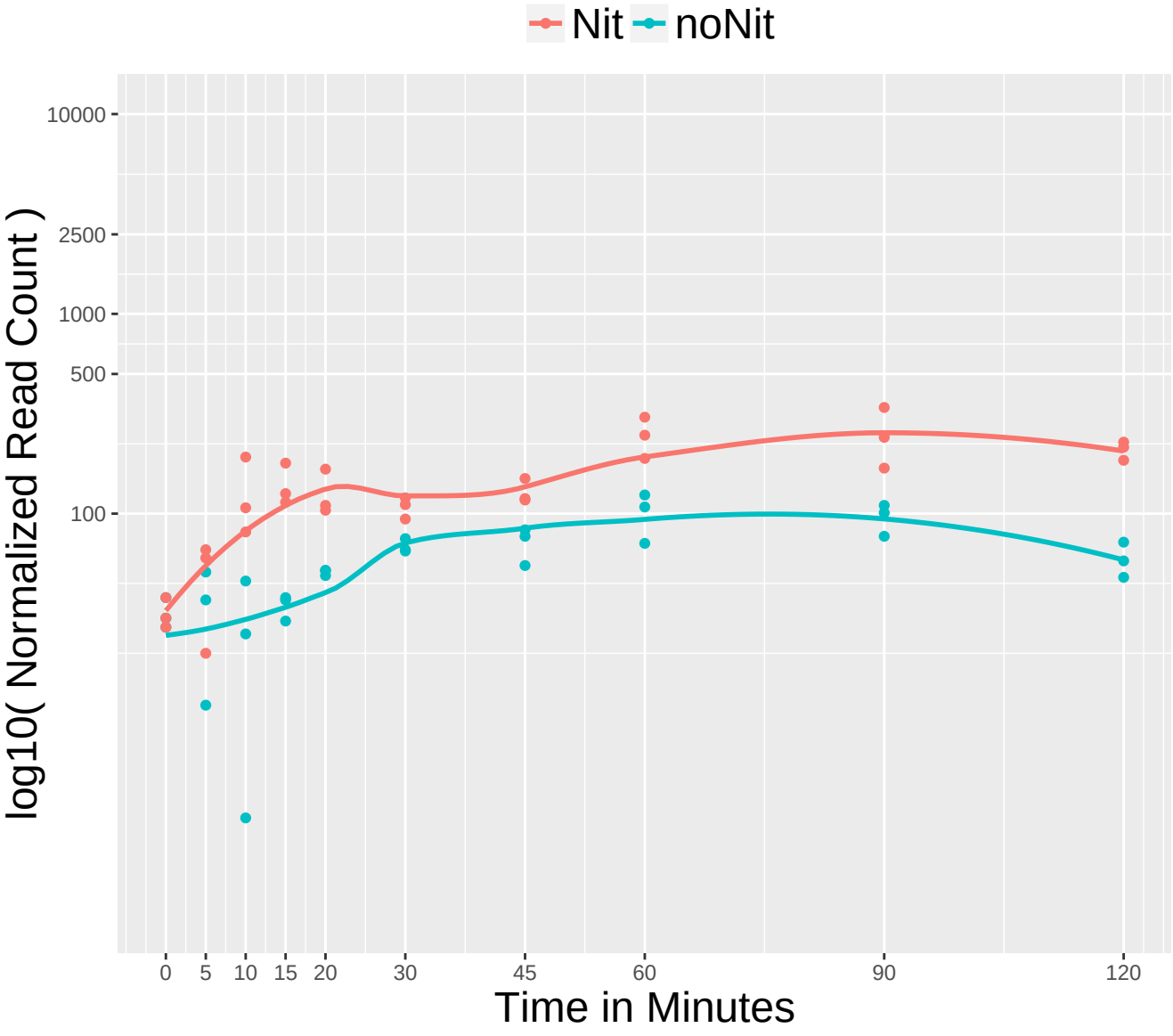
GRAM



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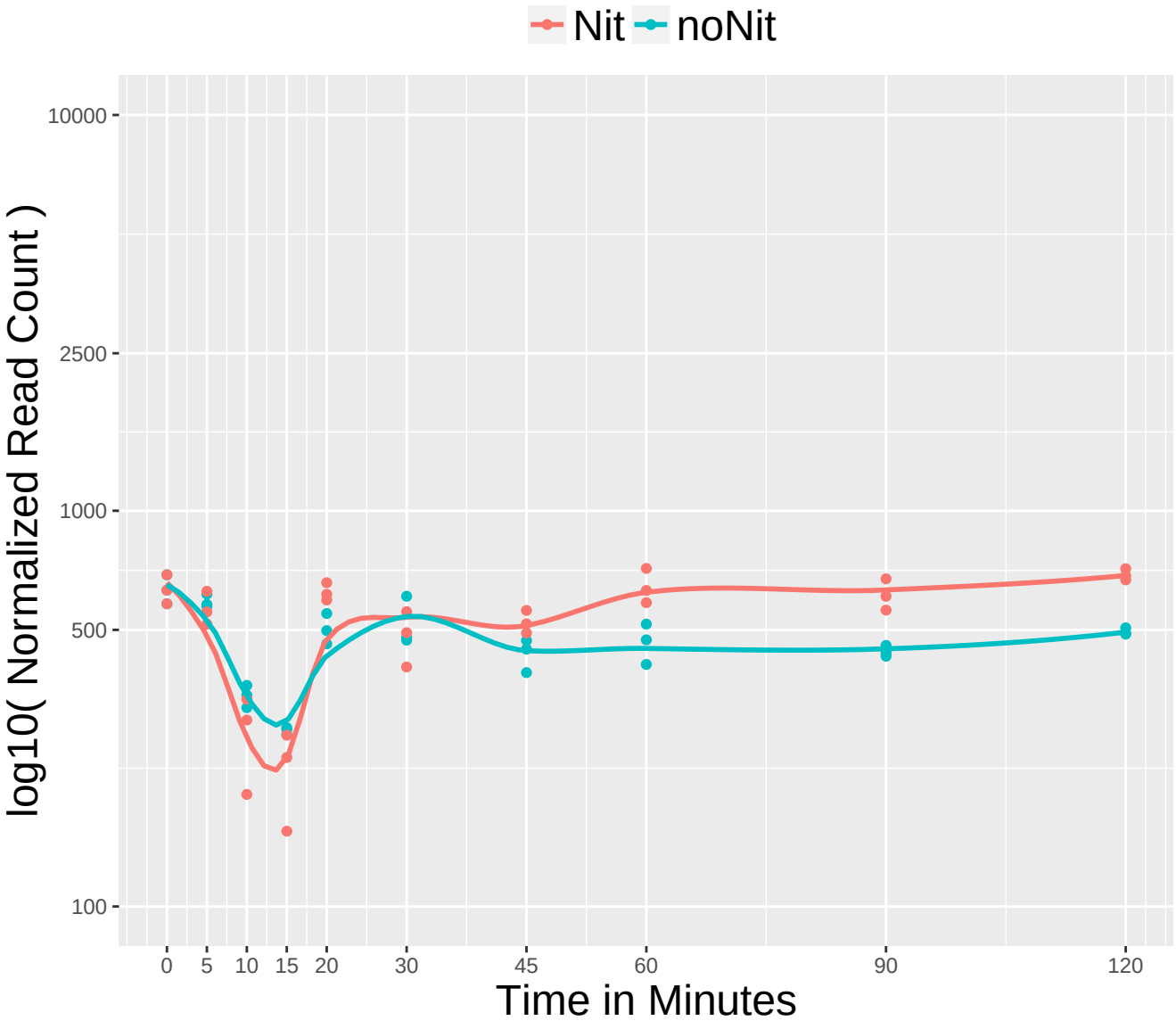
Polynucleotidyl



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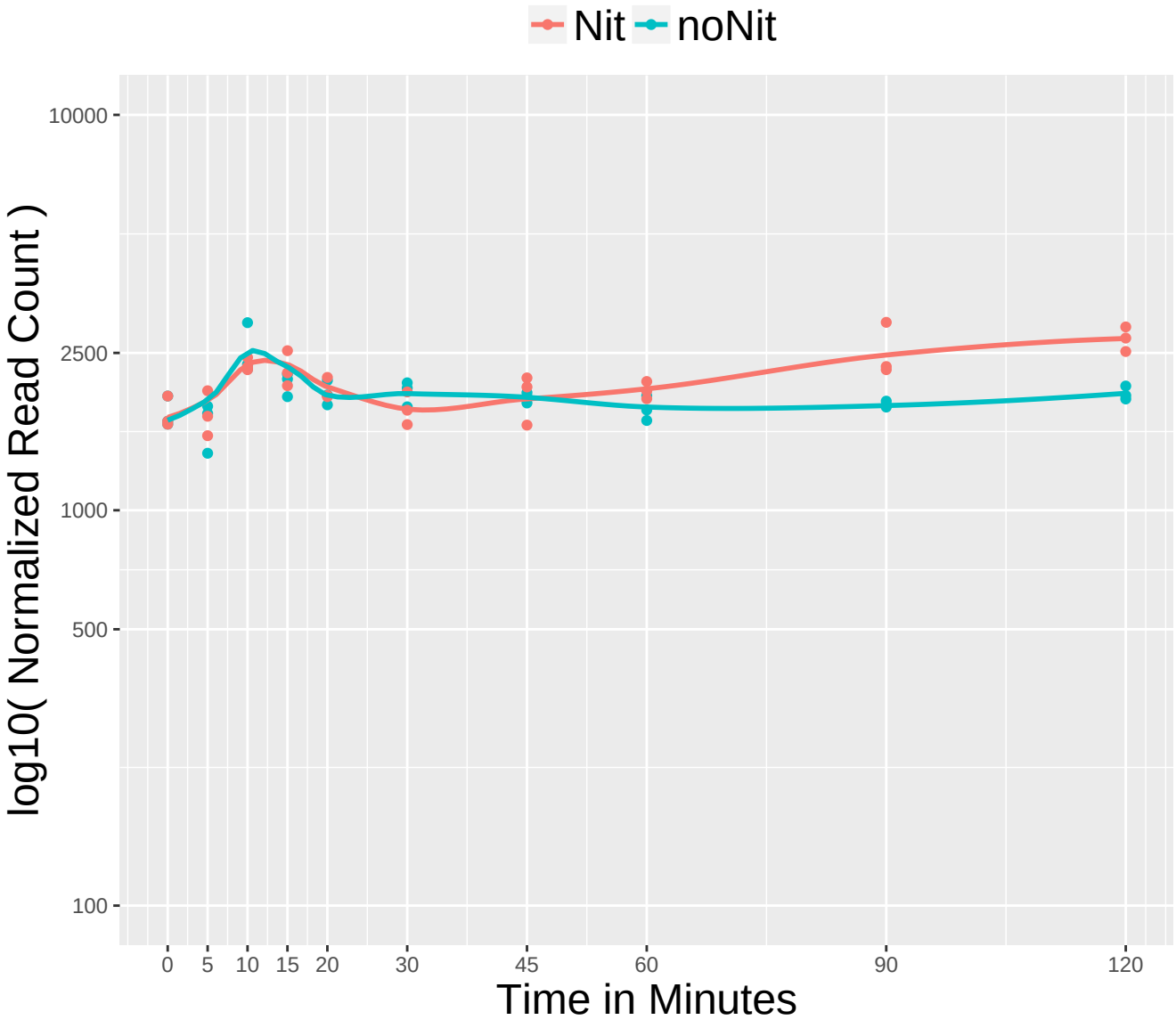

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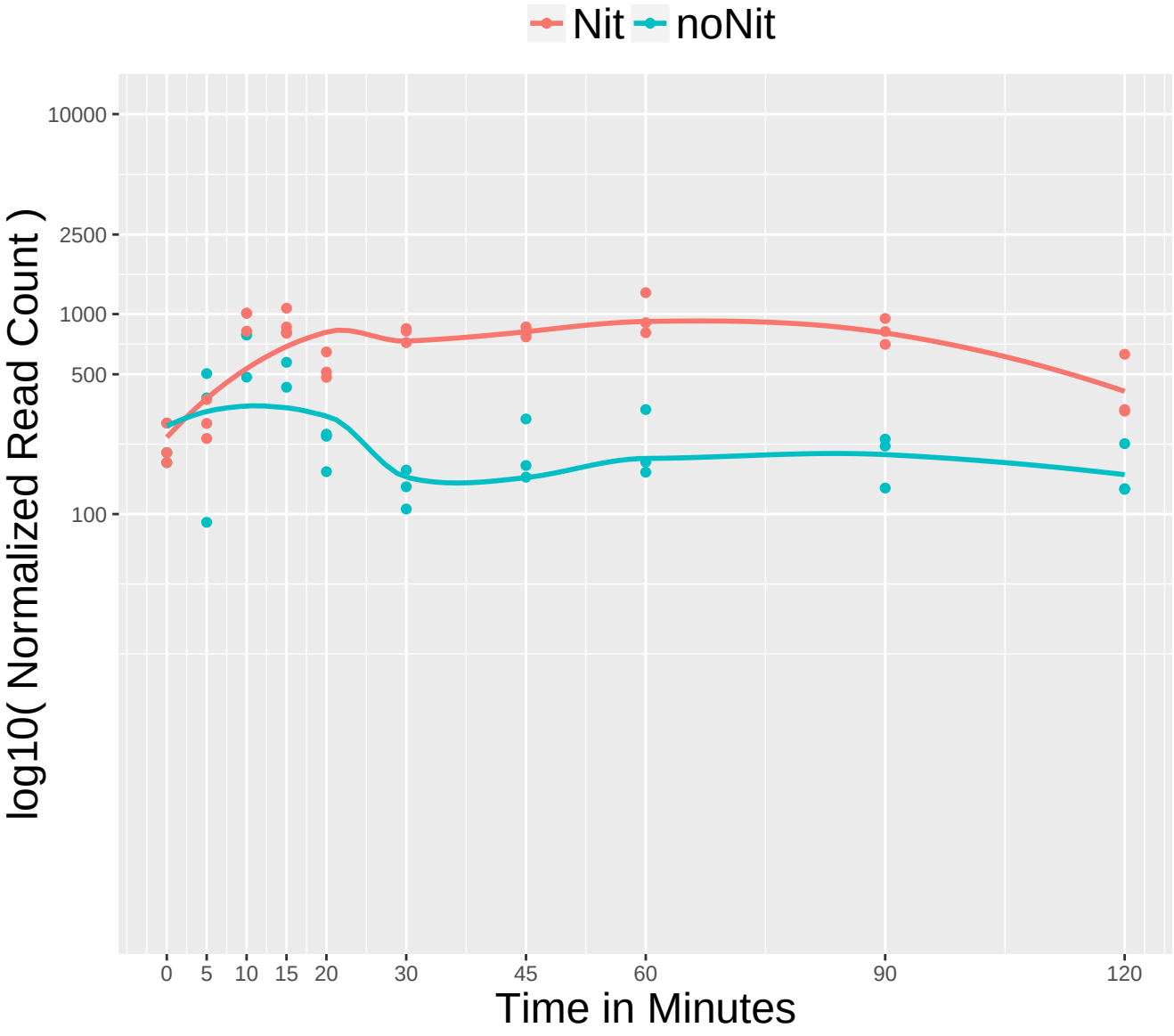
MATE



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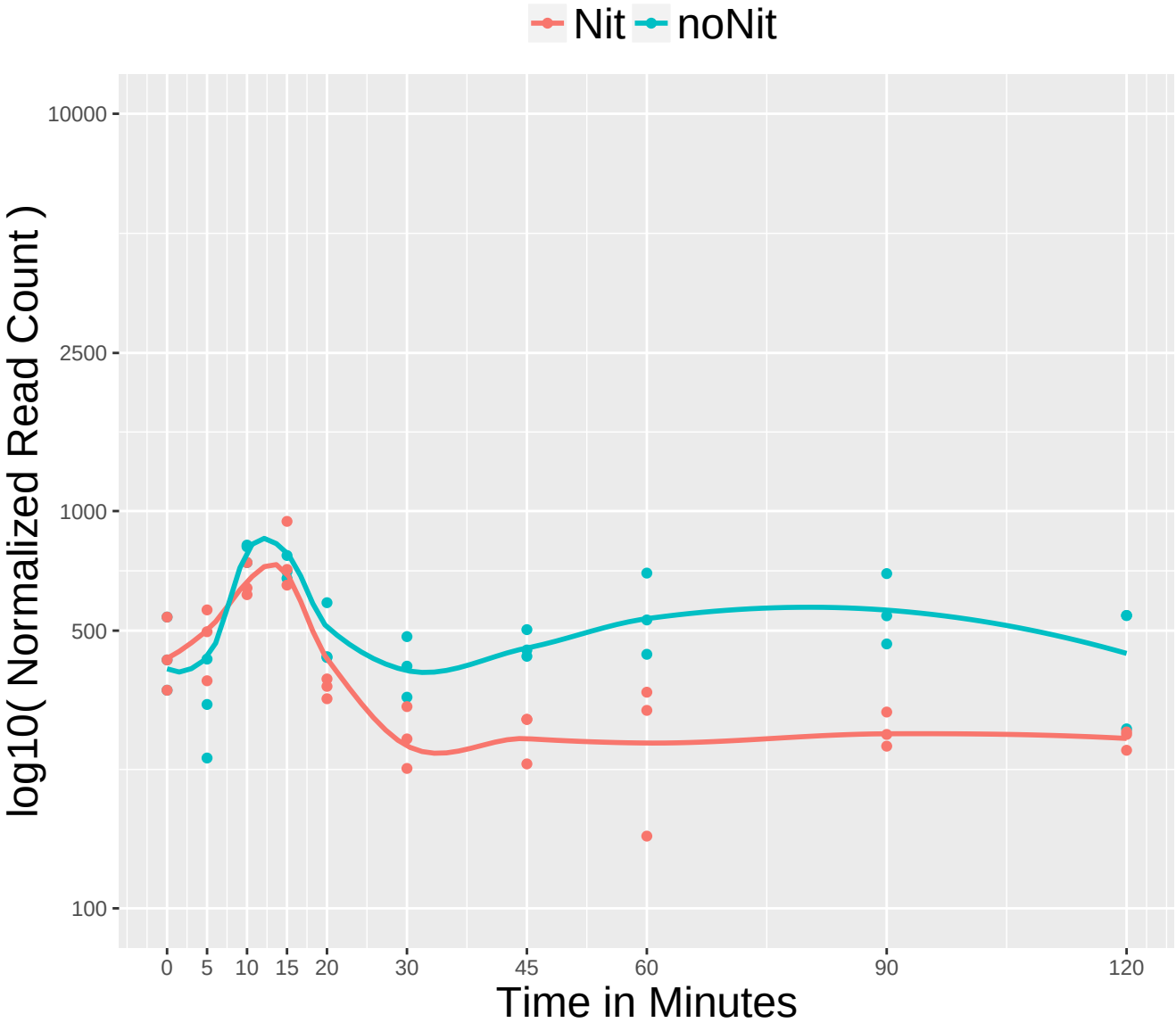

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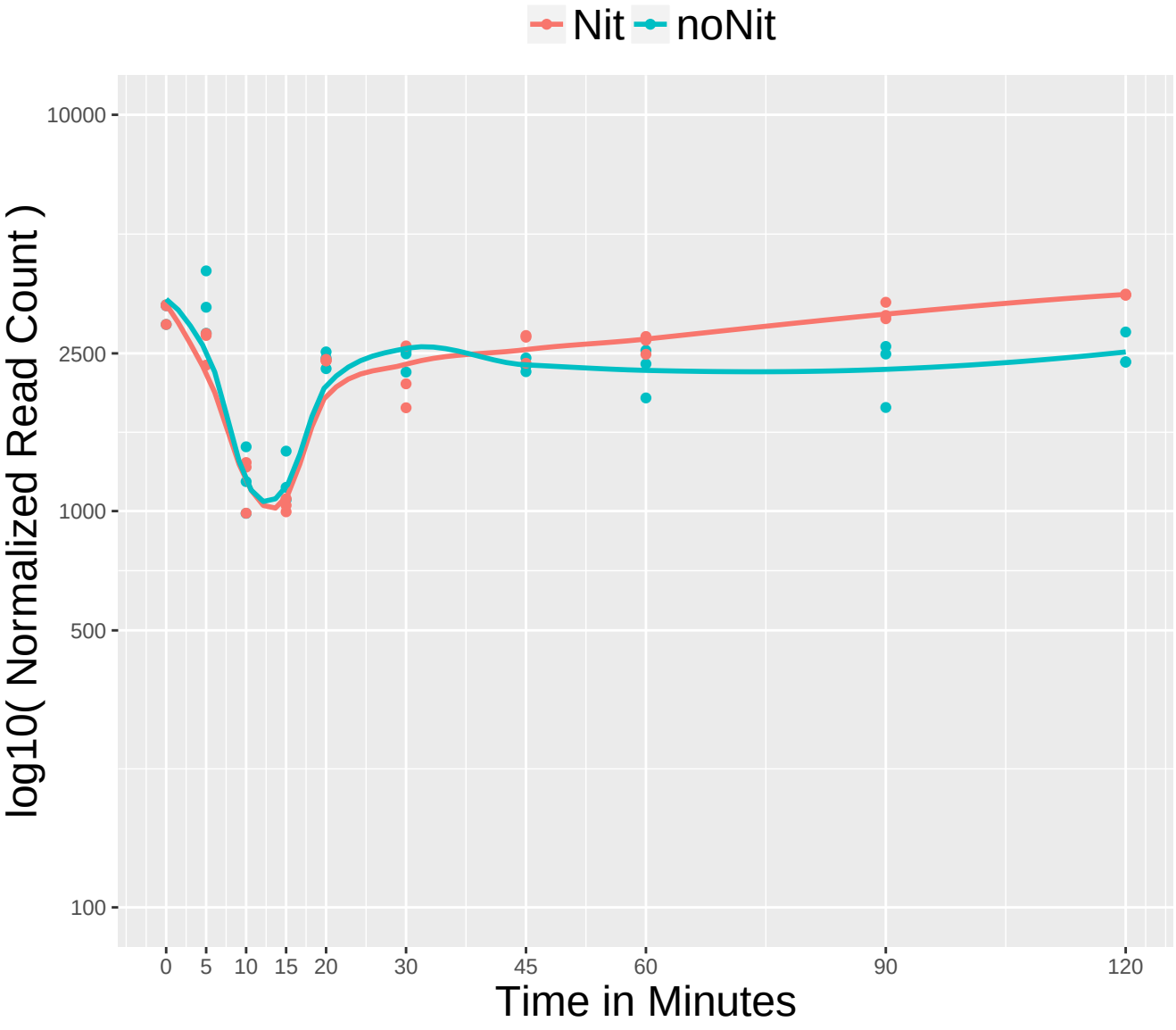
P−loop



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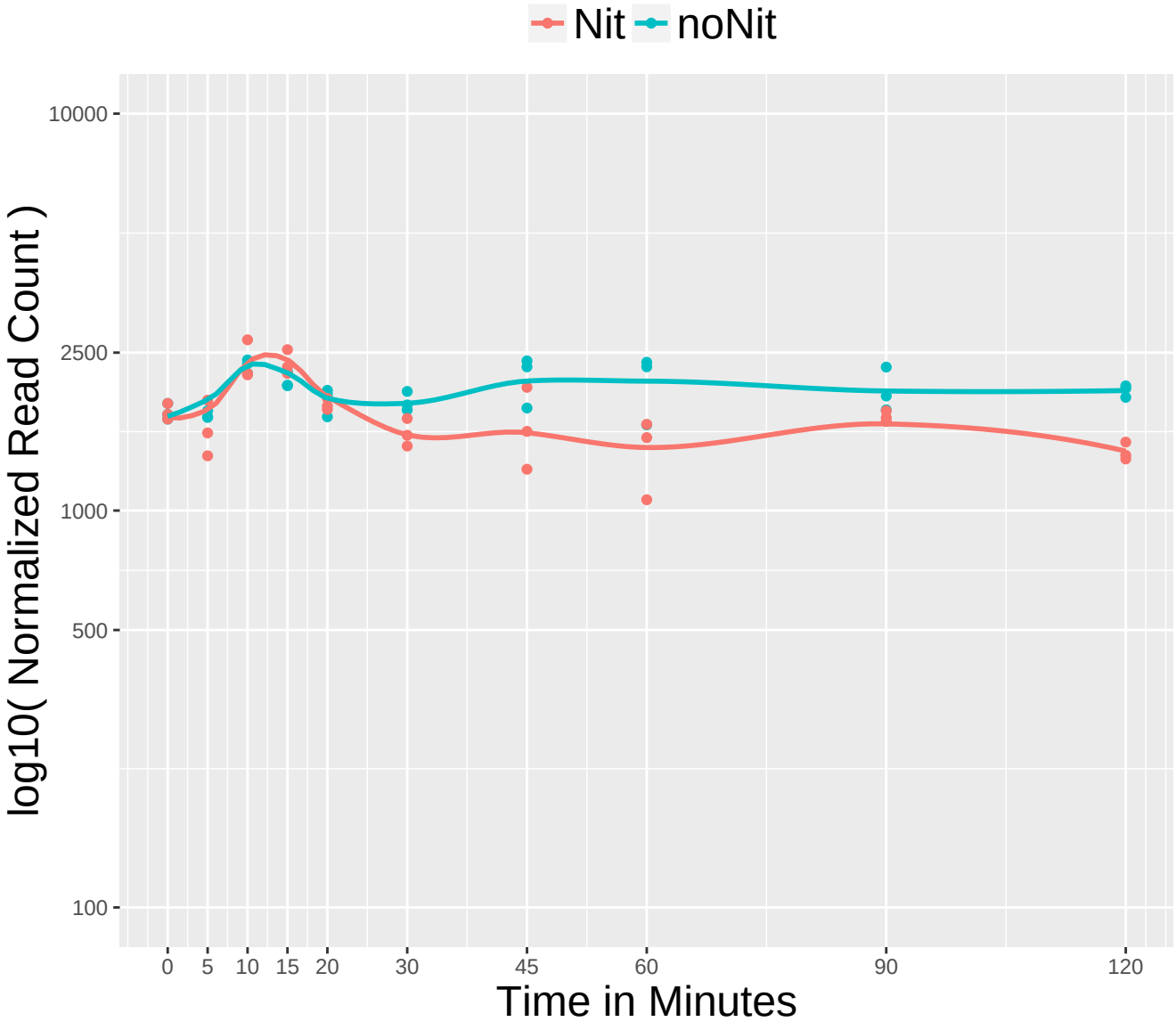
GWD,,GWD1,,SEX1,STARCH



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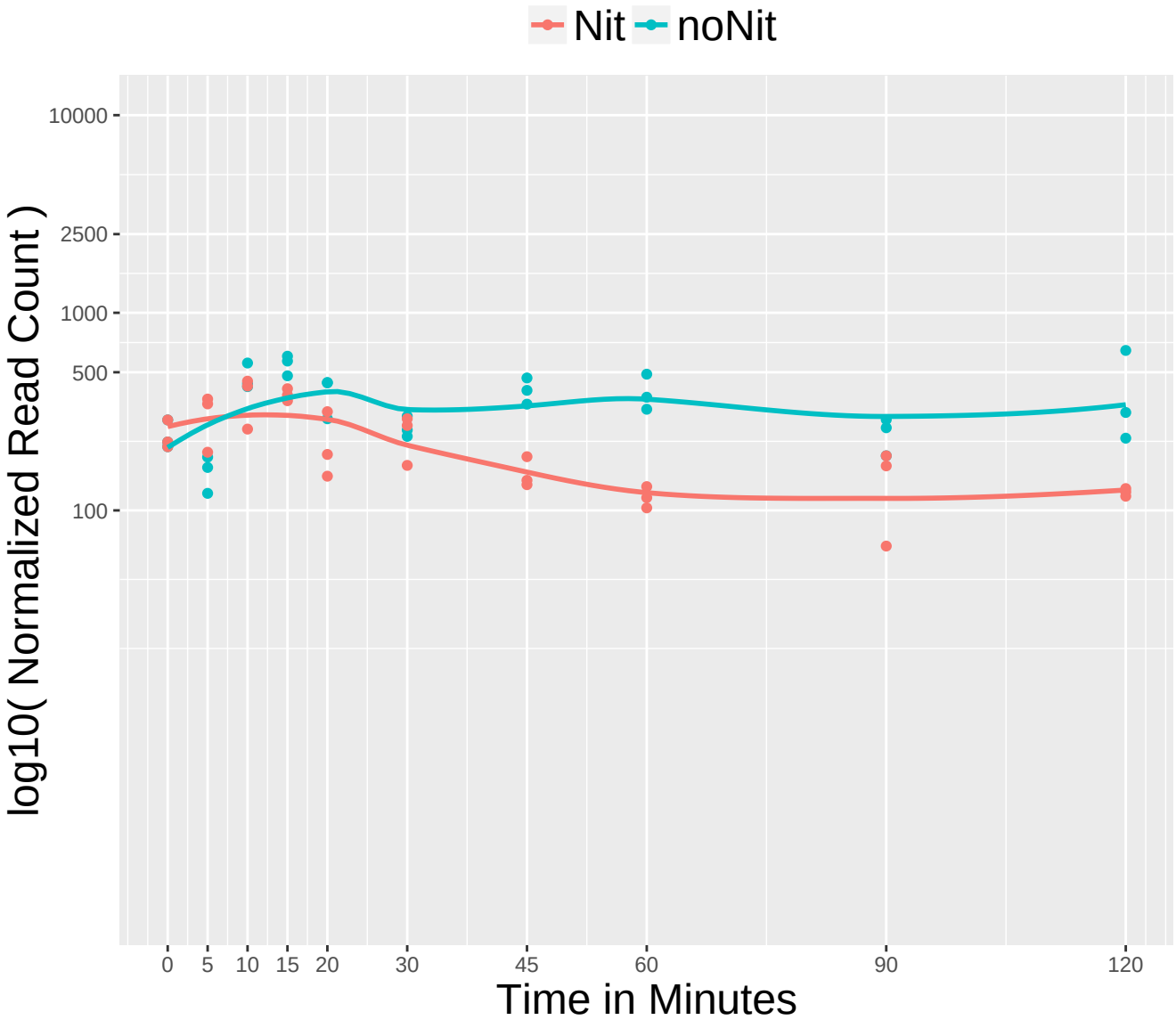
Calcium−binding



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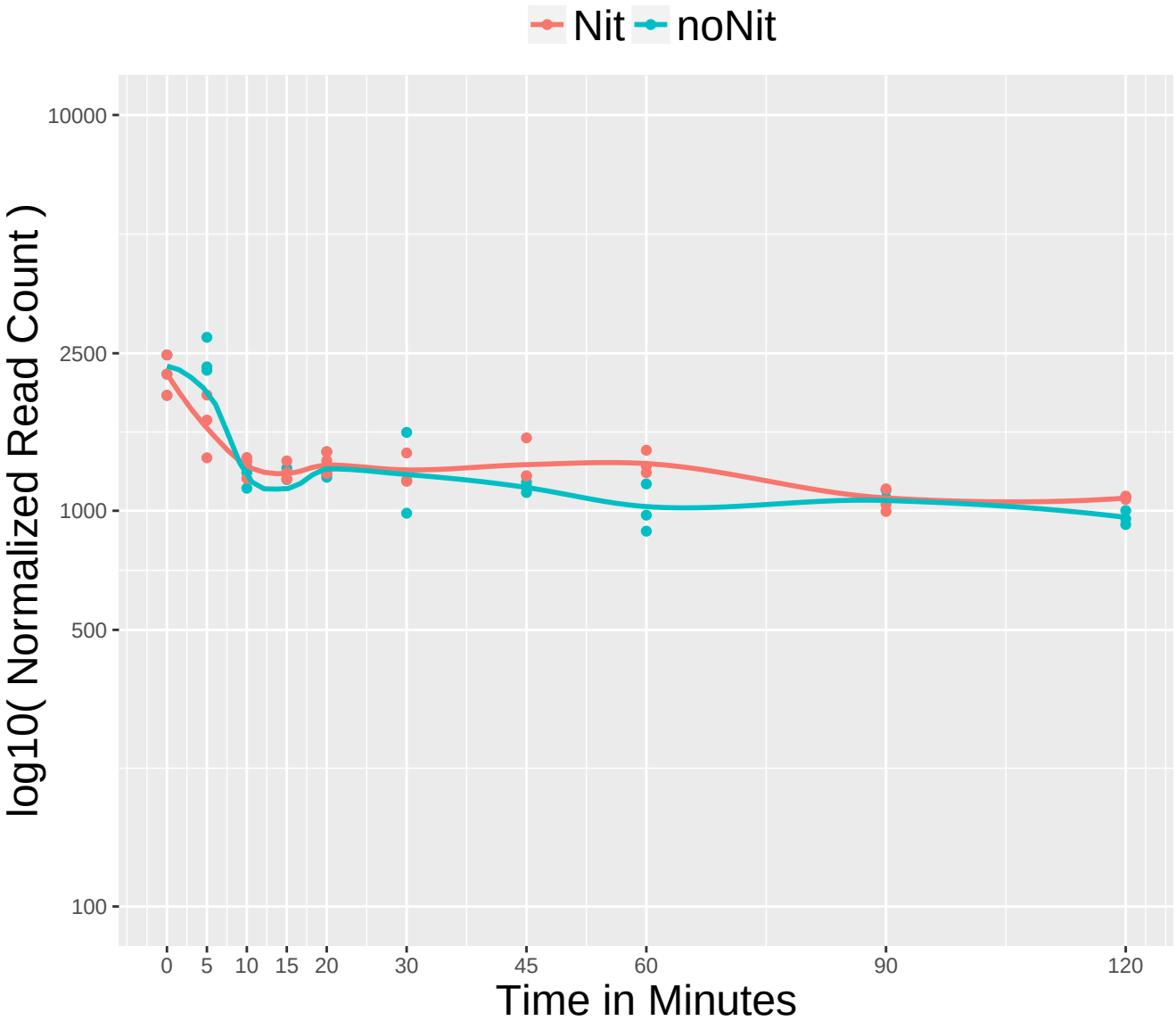
ATSYP61,,OSM1,,SYP61,syntaxin



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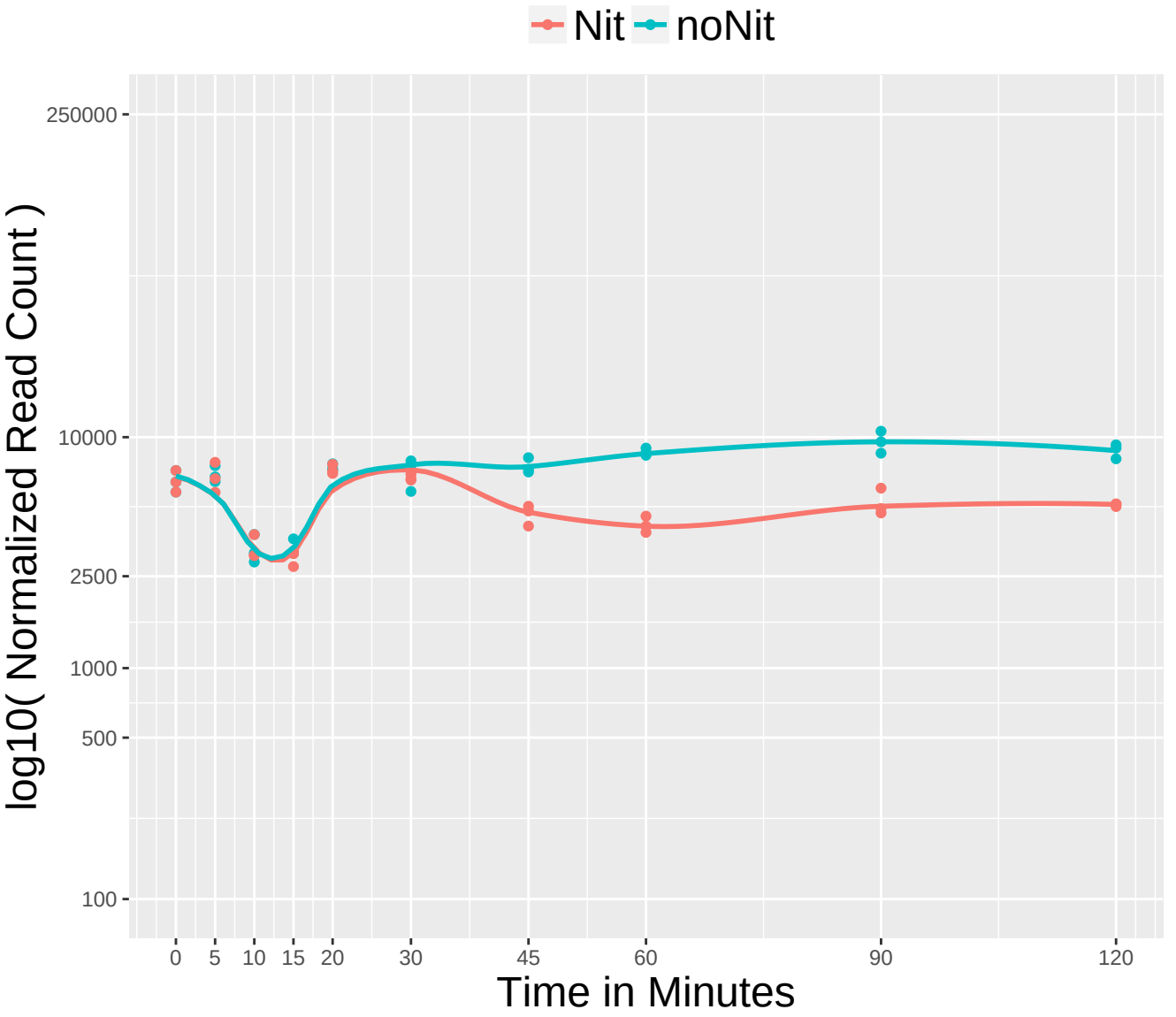
AIT1,ABA−importing



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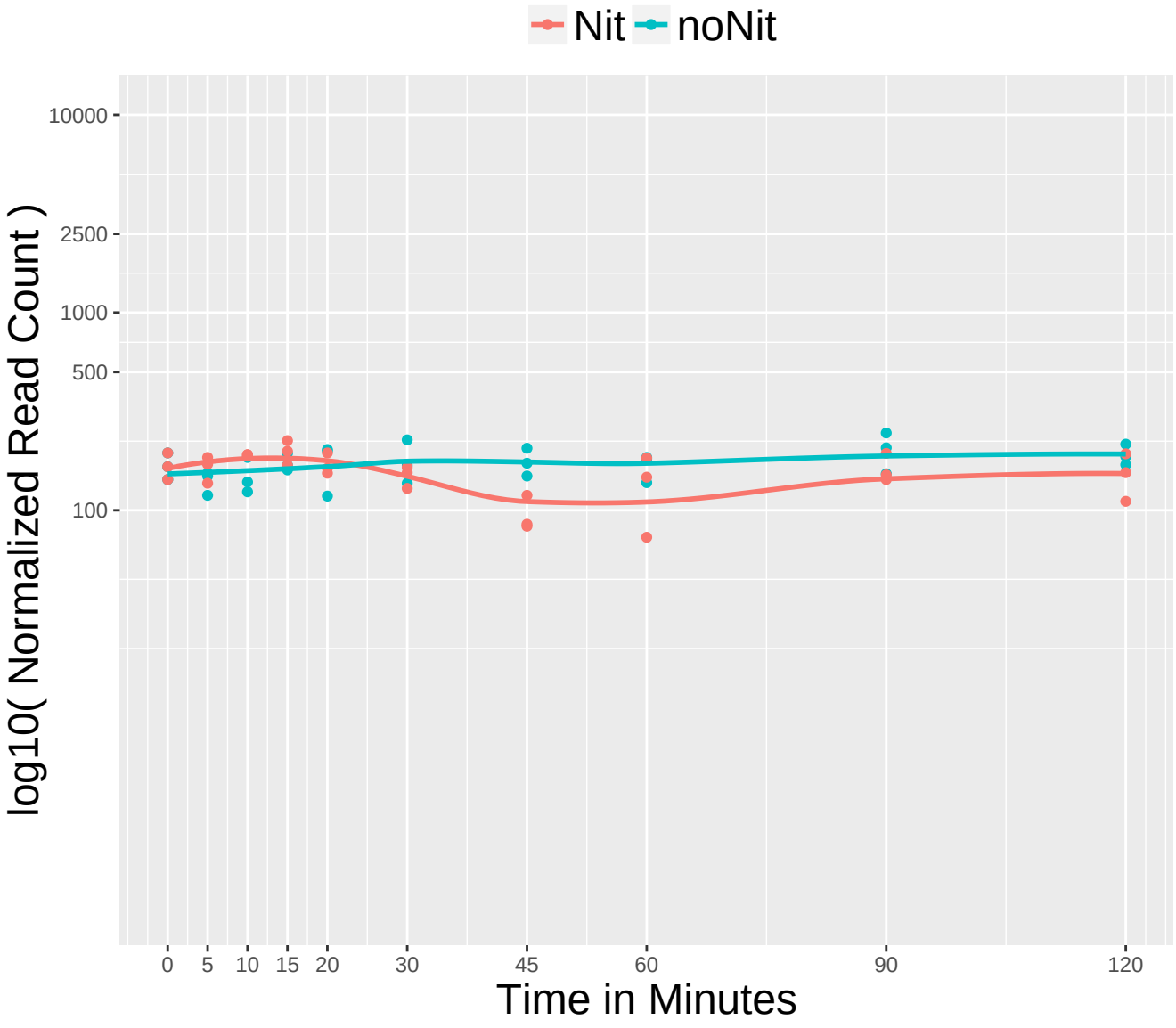
ATEXO70H8,exocyst



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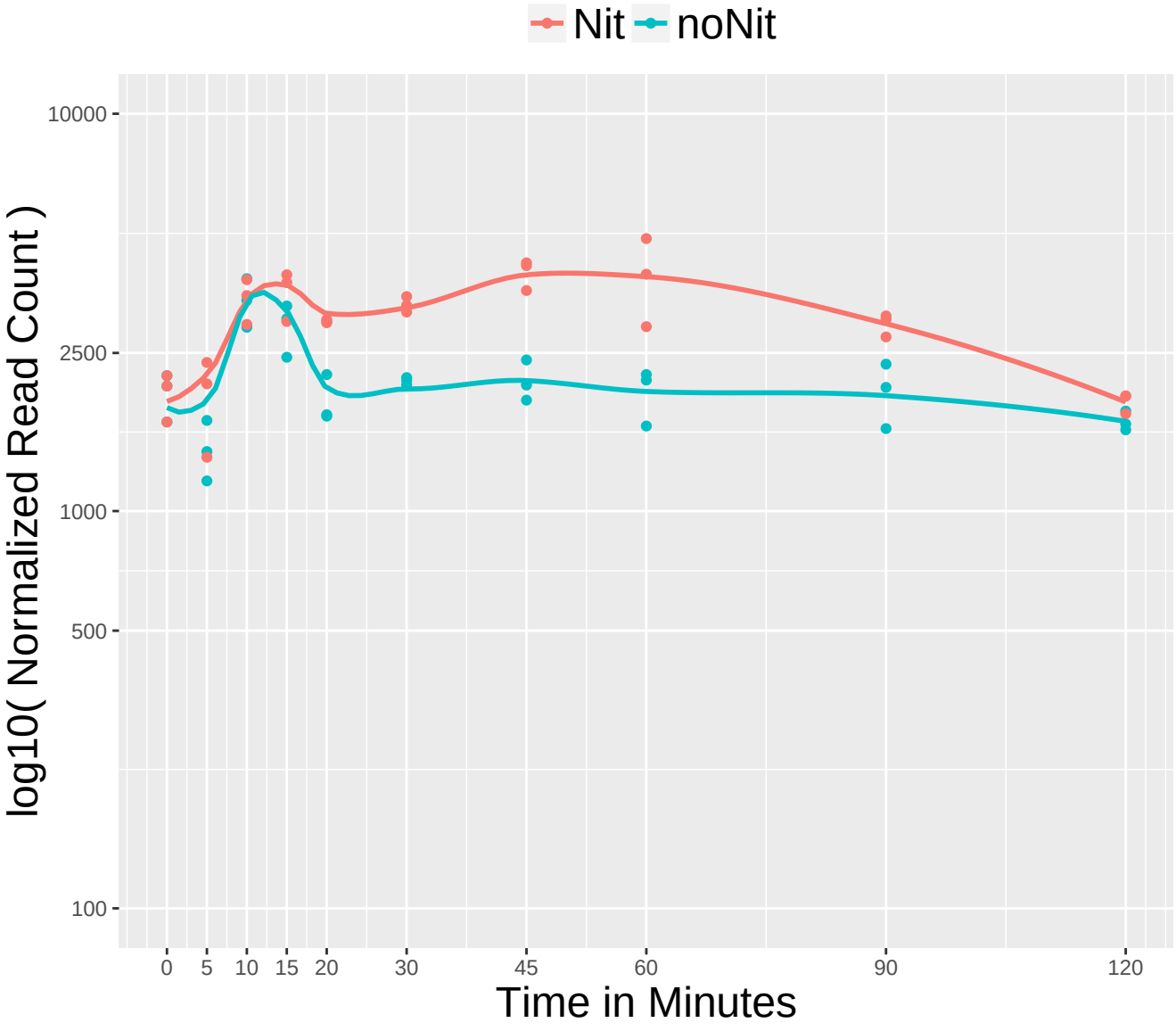
PXC1,PXY/TDR−correlated



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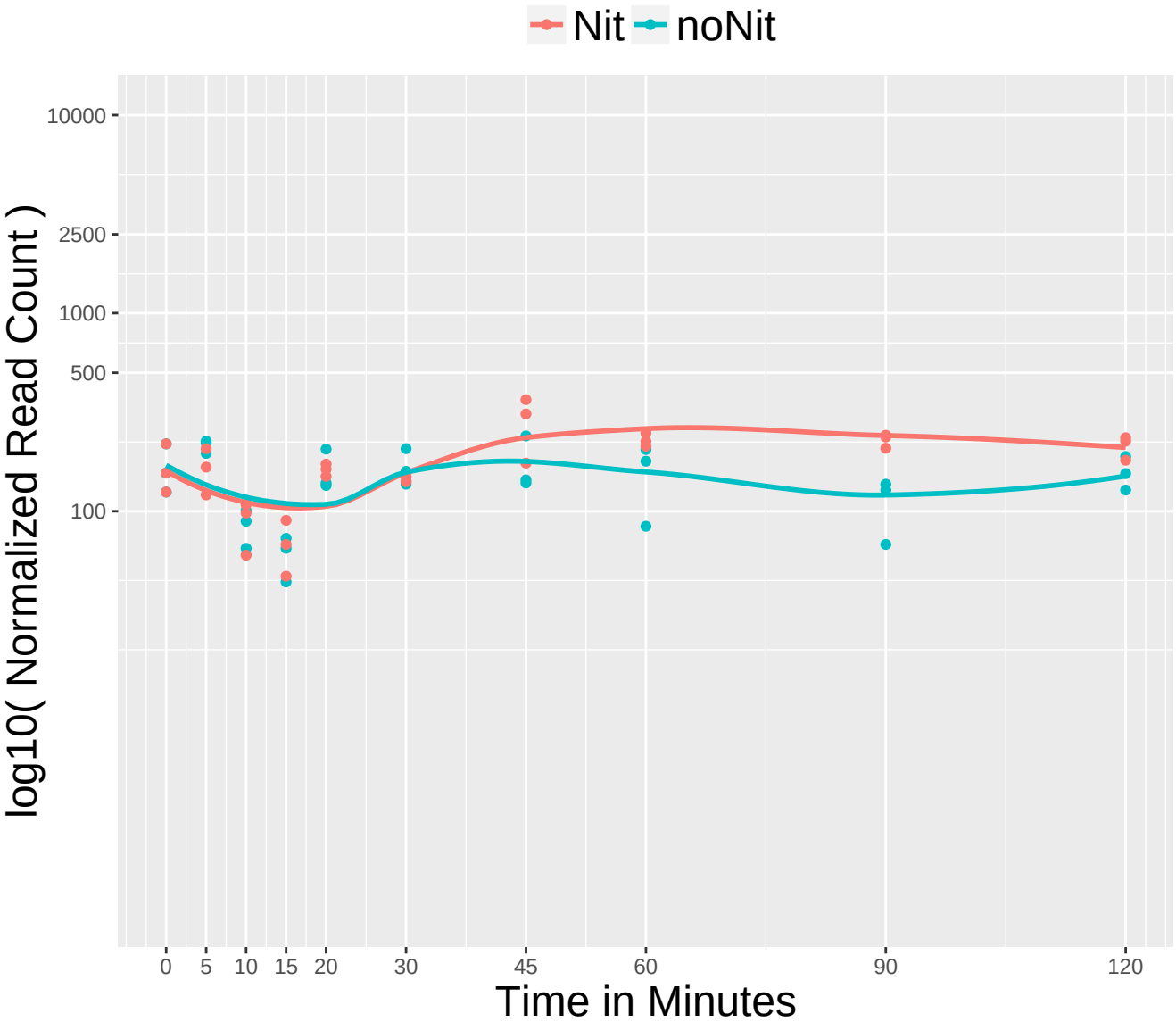
Cysteine/Histidine−rich



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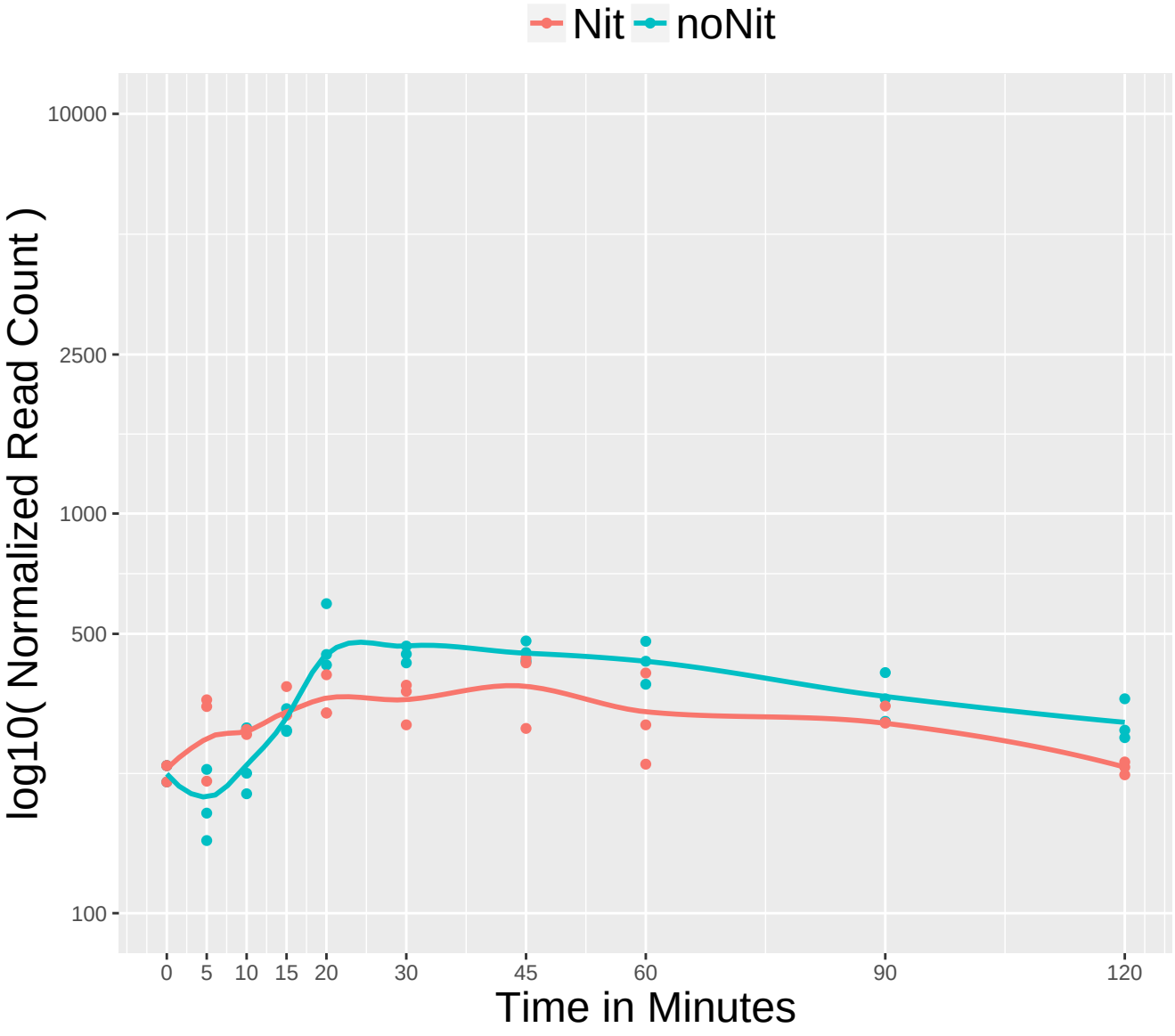
Leucine−rich



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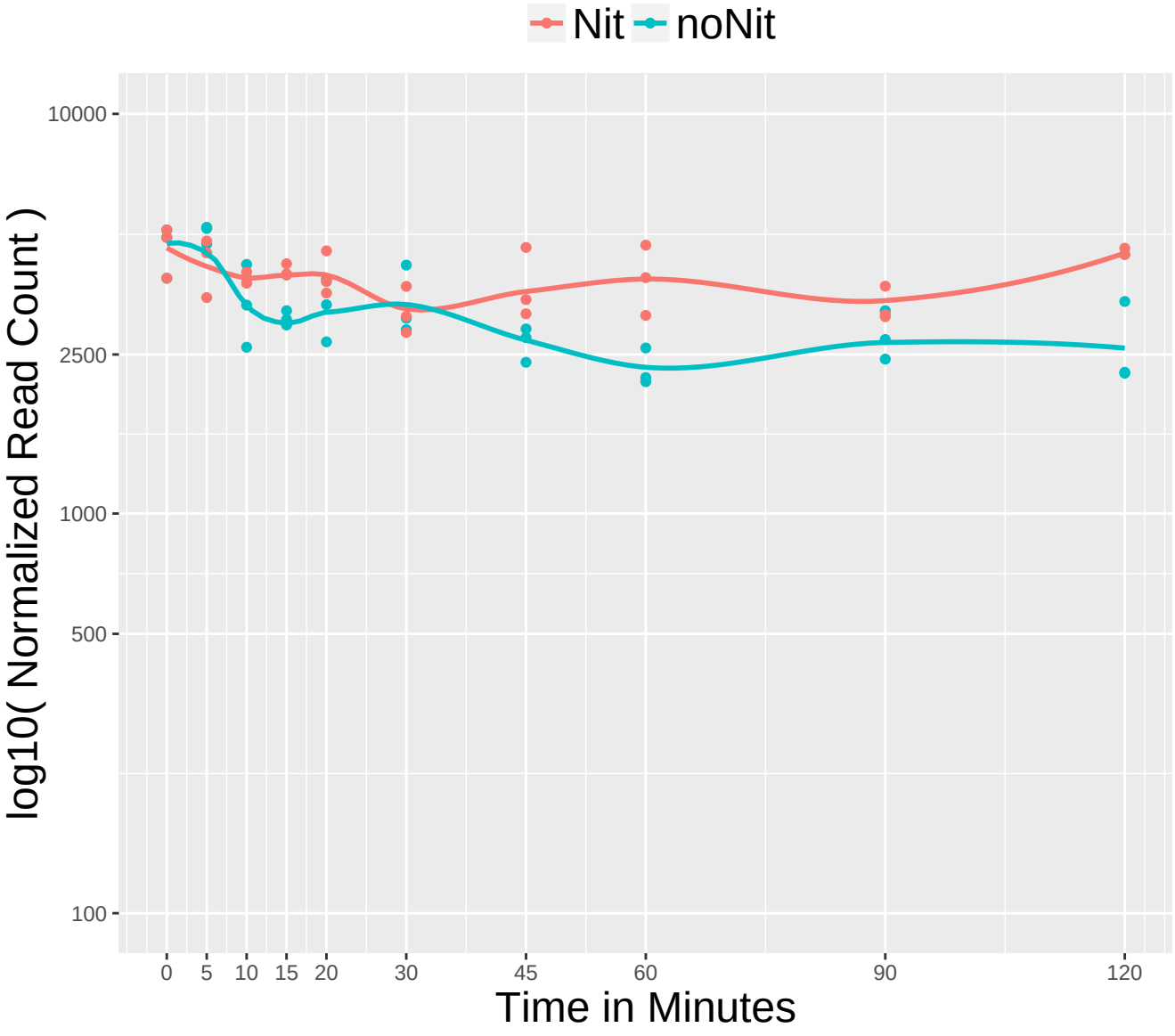
Ribosomal



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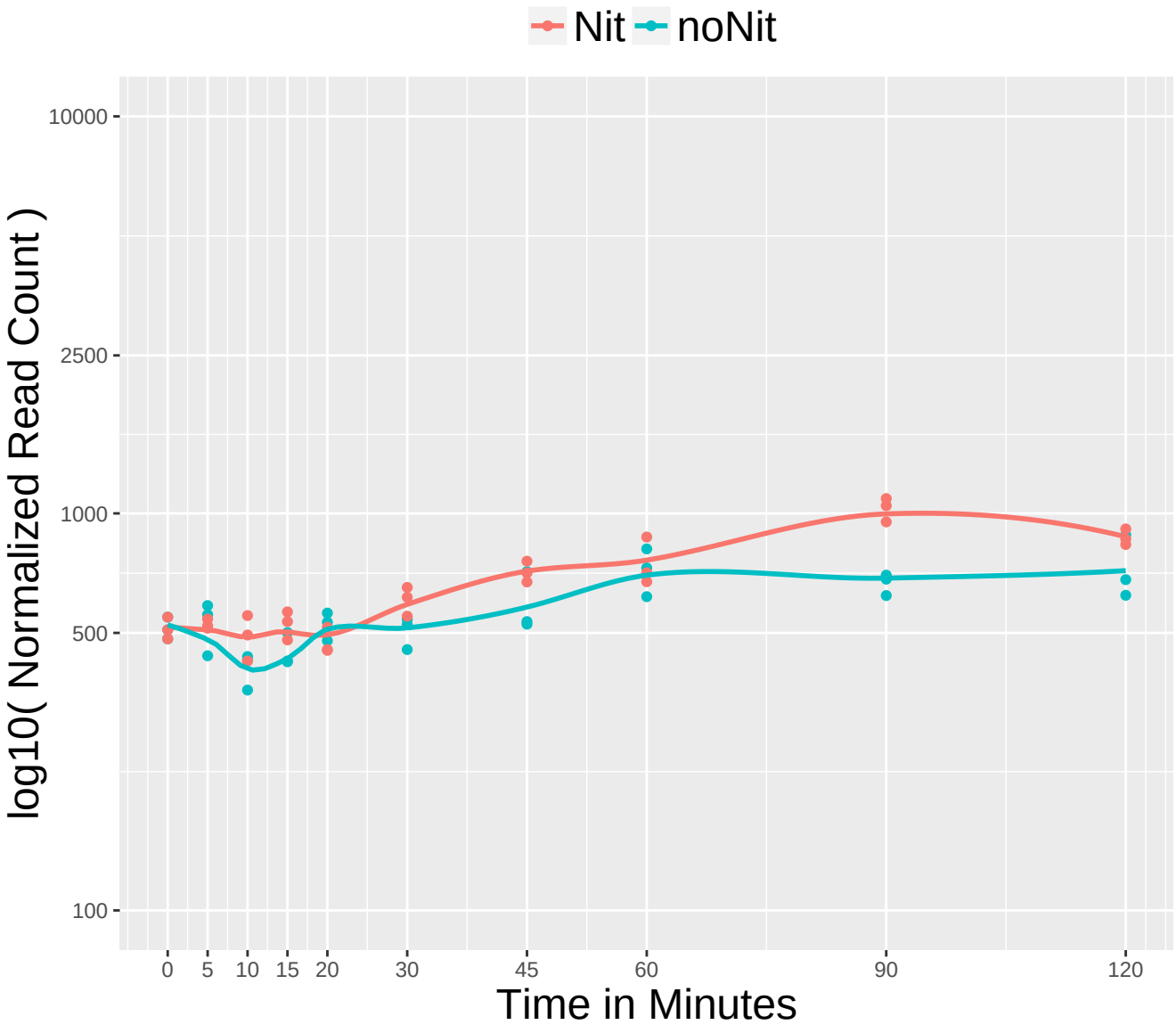
ATMEK1,,MEK1,MAP



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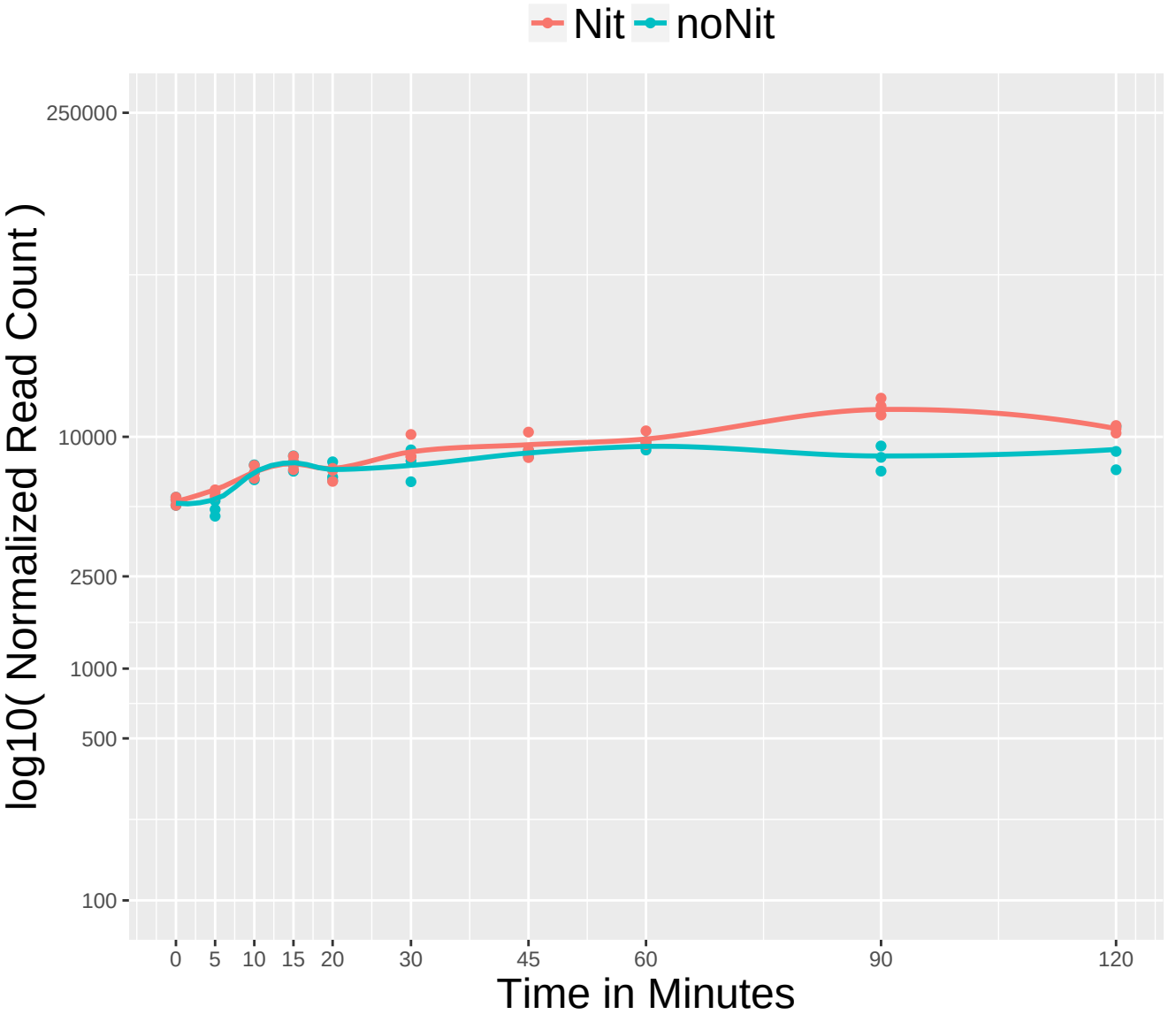
CAT2,catalase



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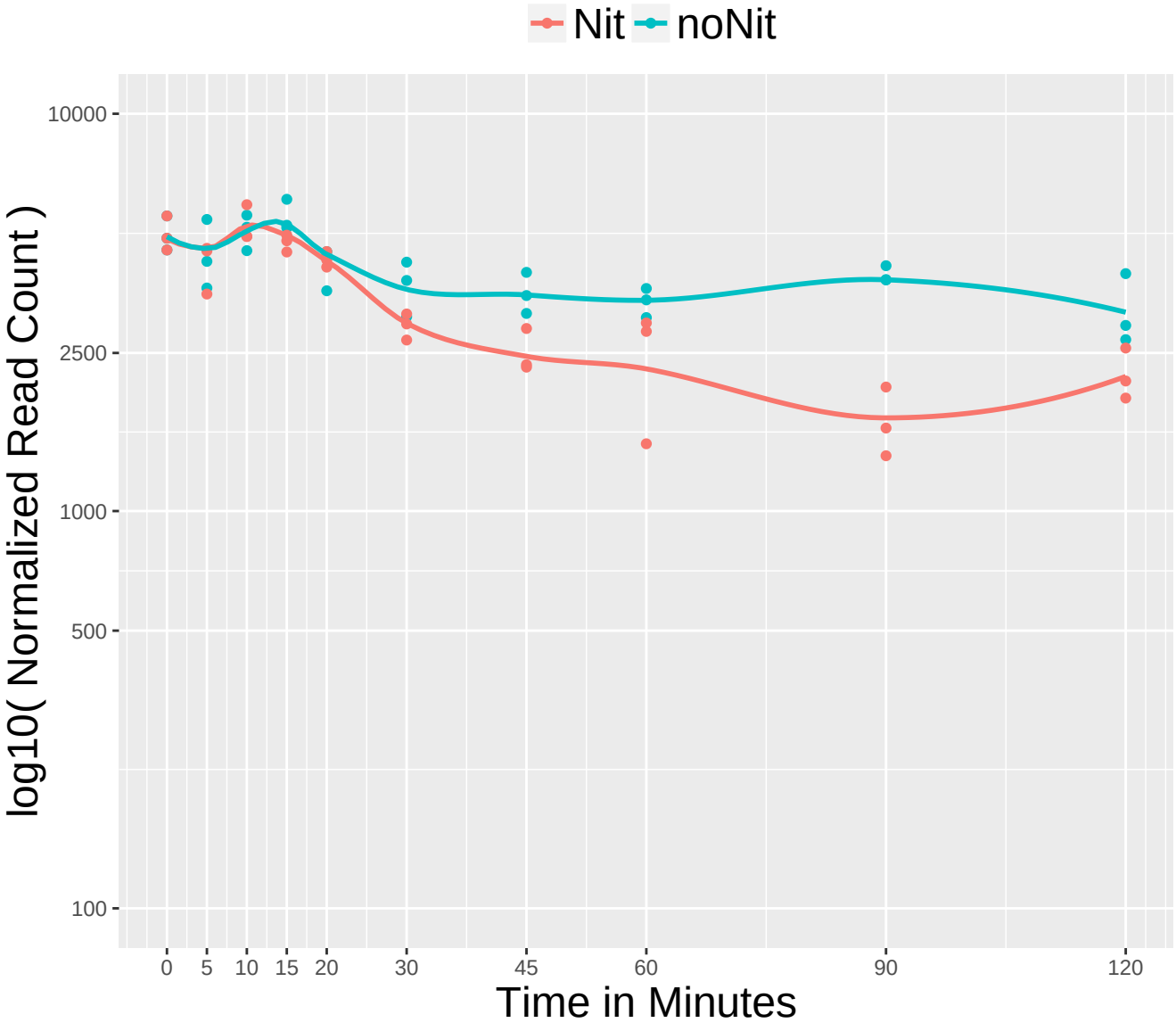
NDL2,N−MYC



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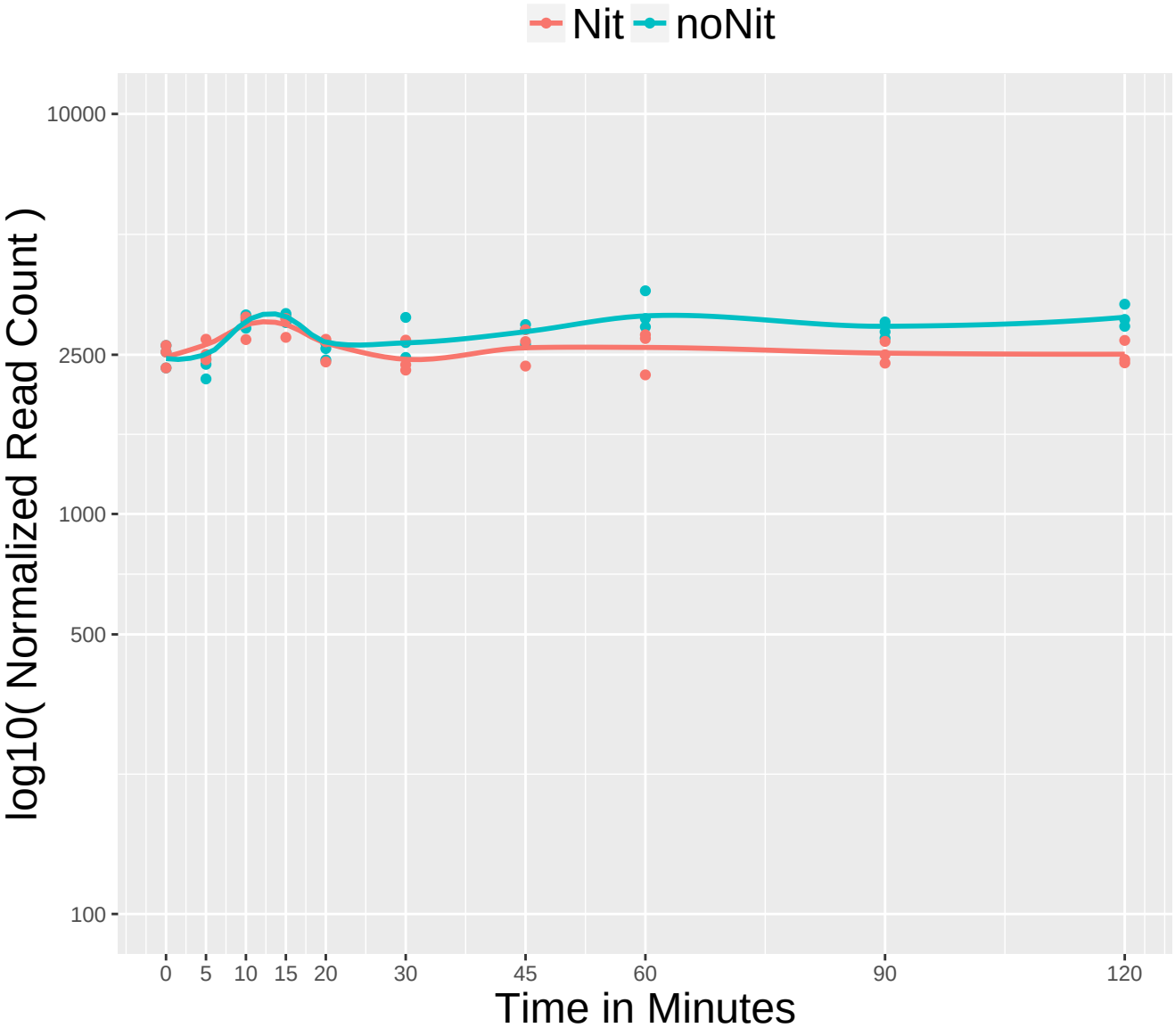
Rho



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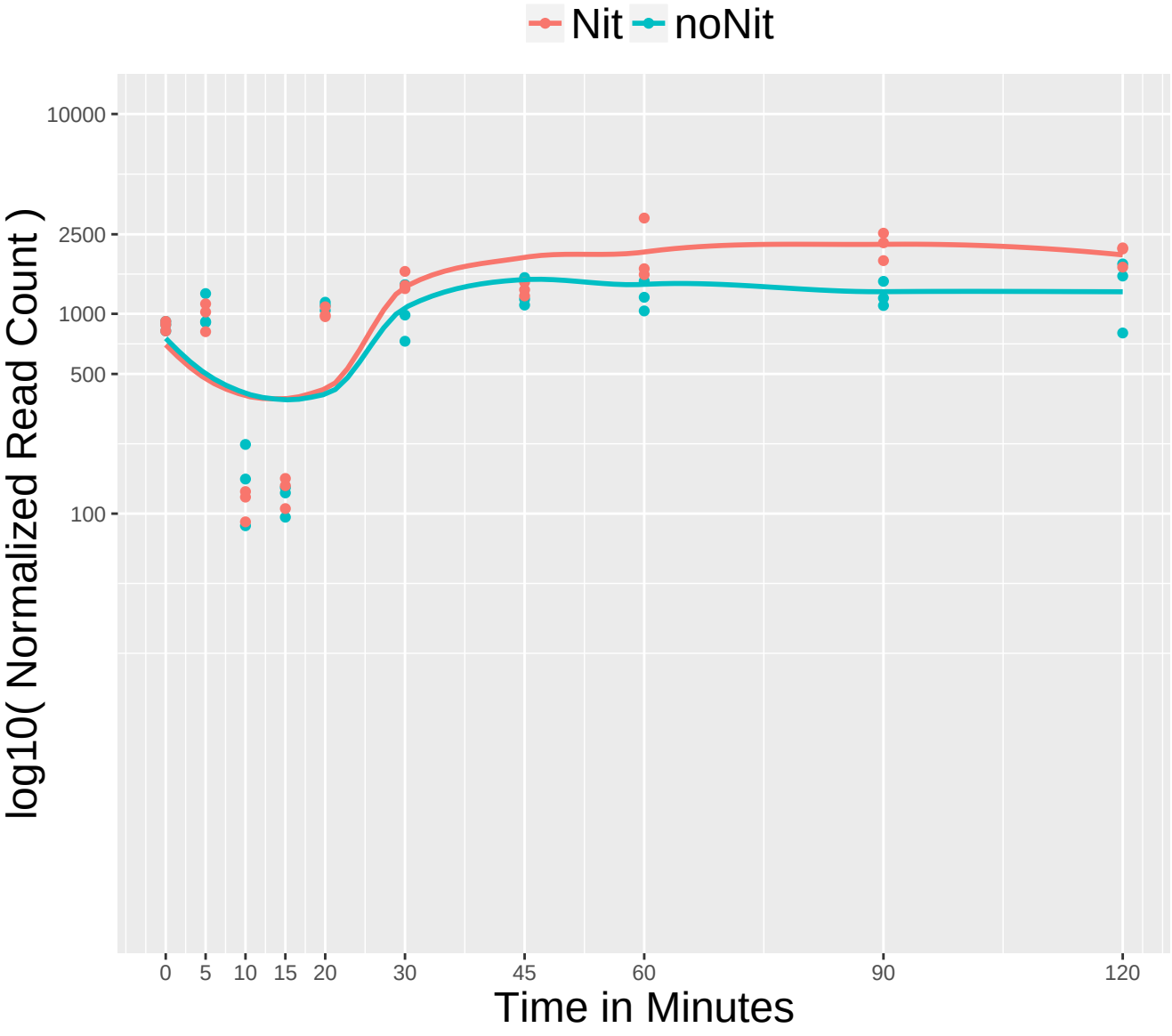
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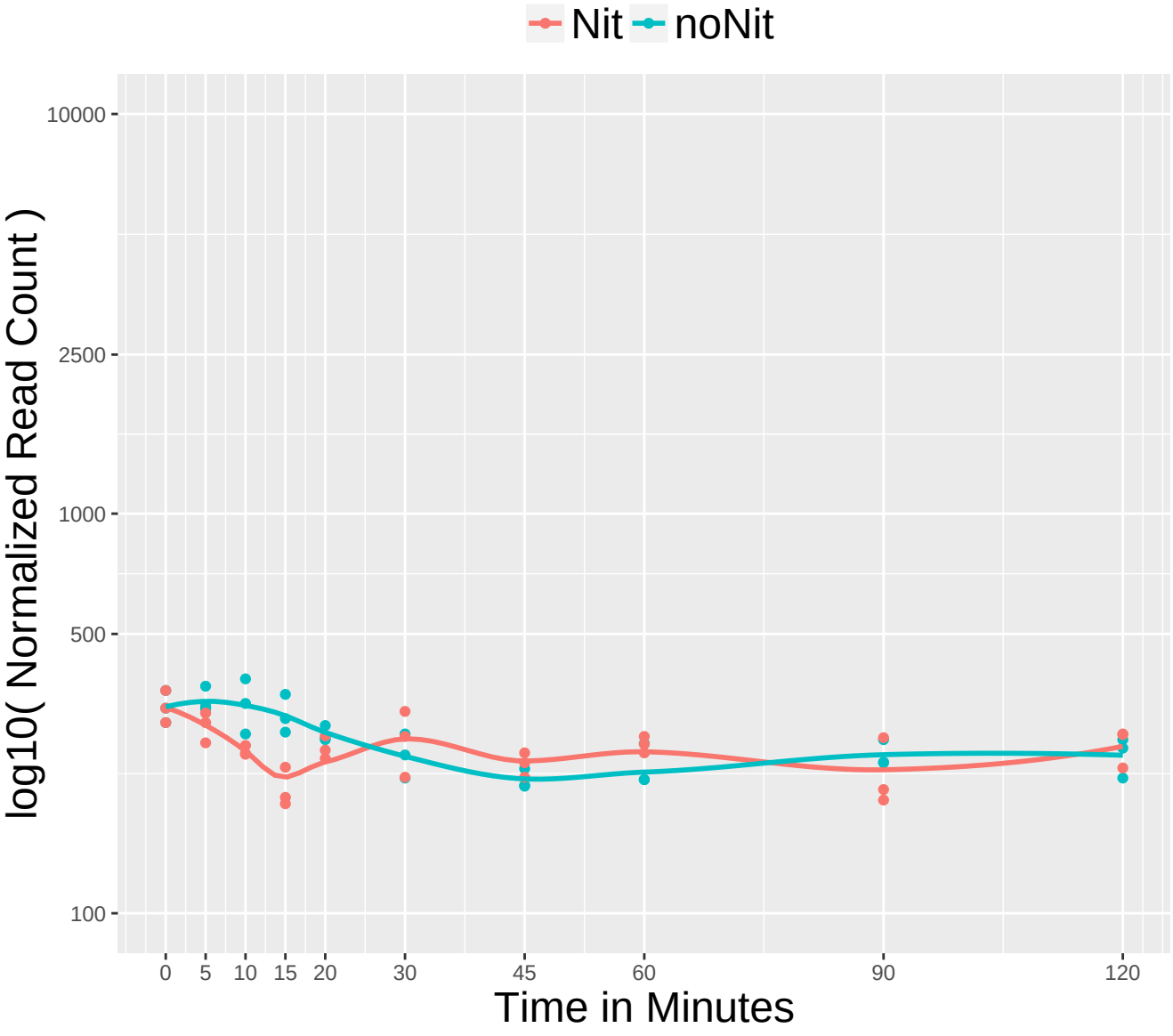
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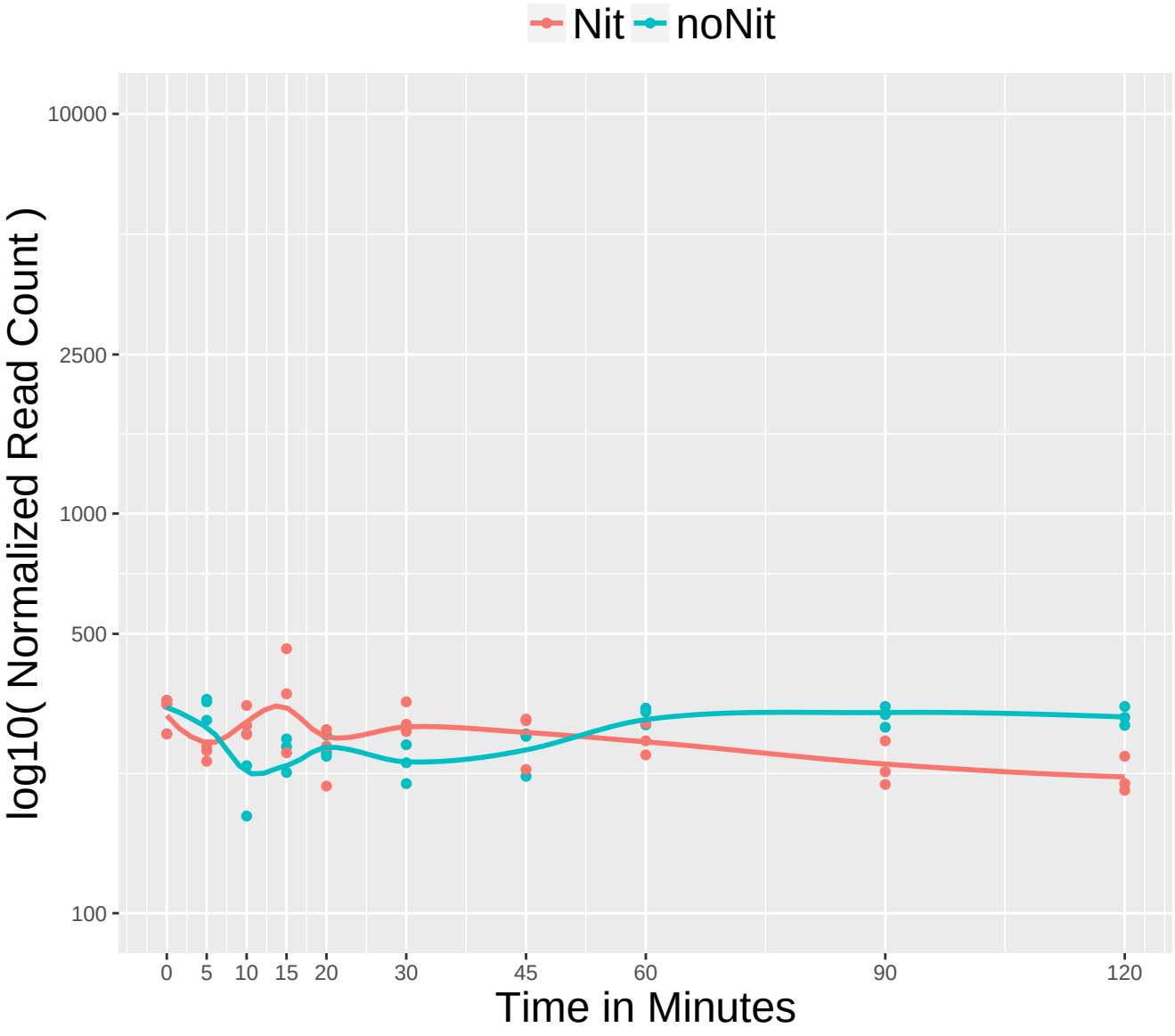
AT5G50330

Protein



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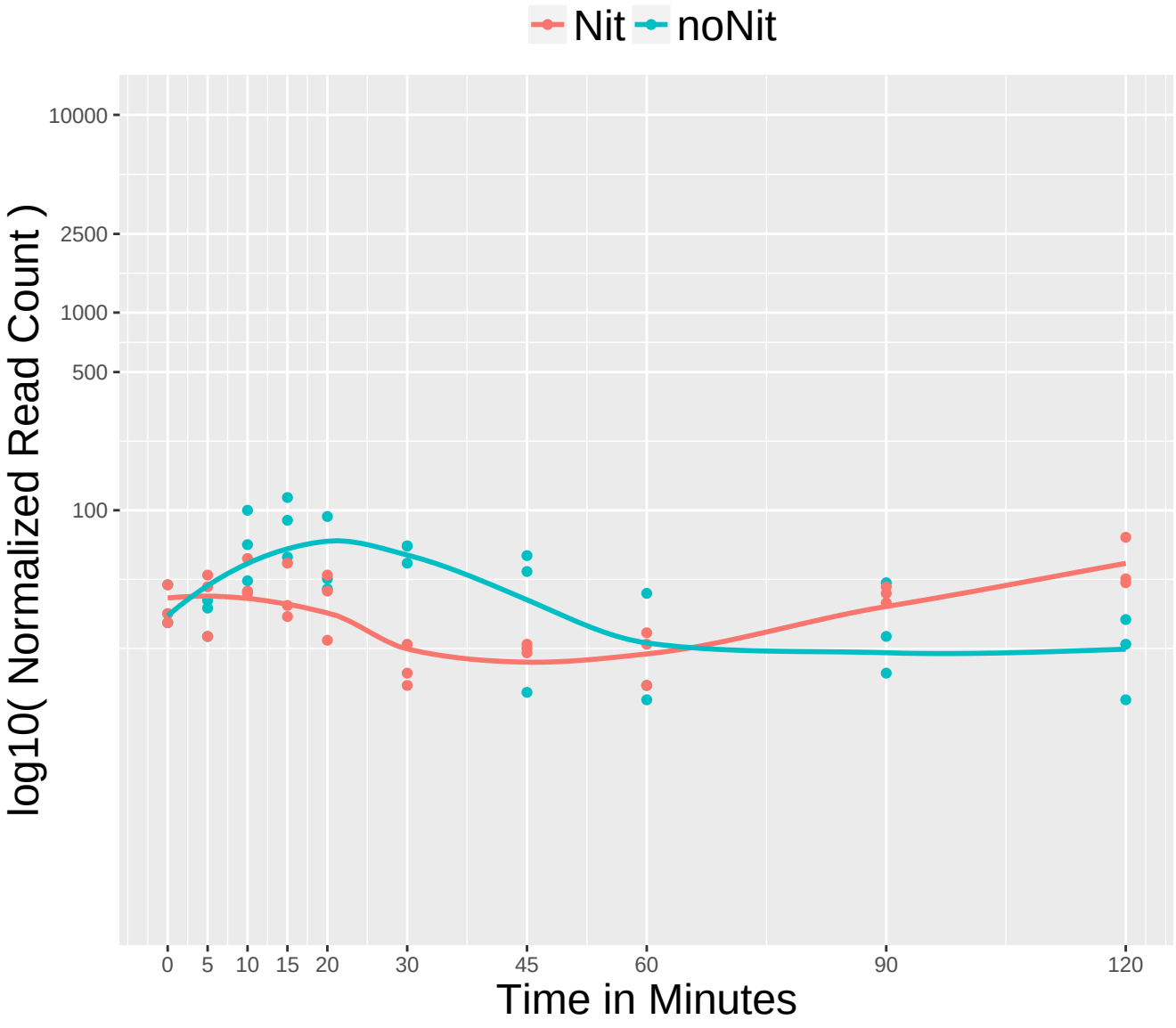

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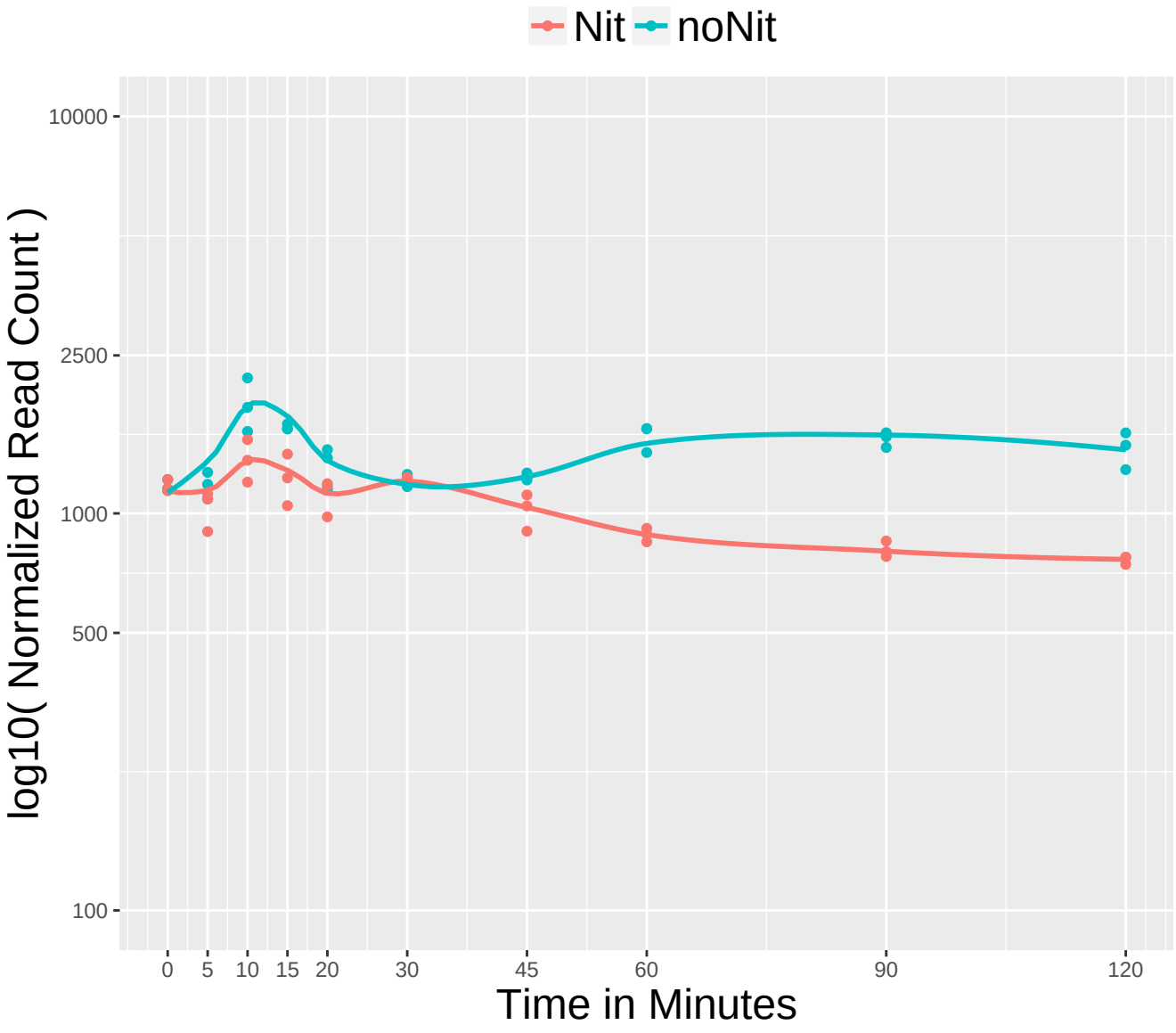

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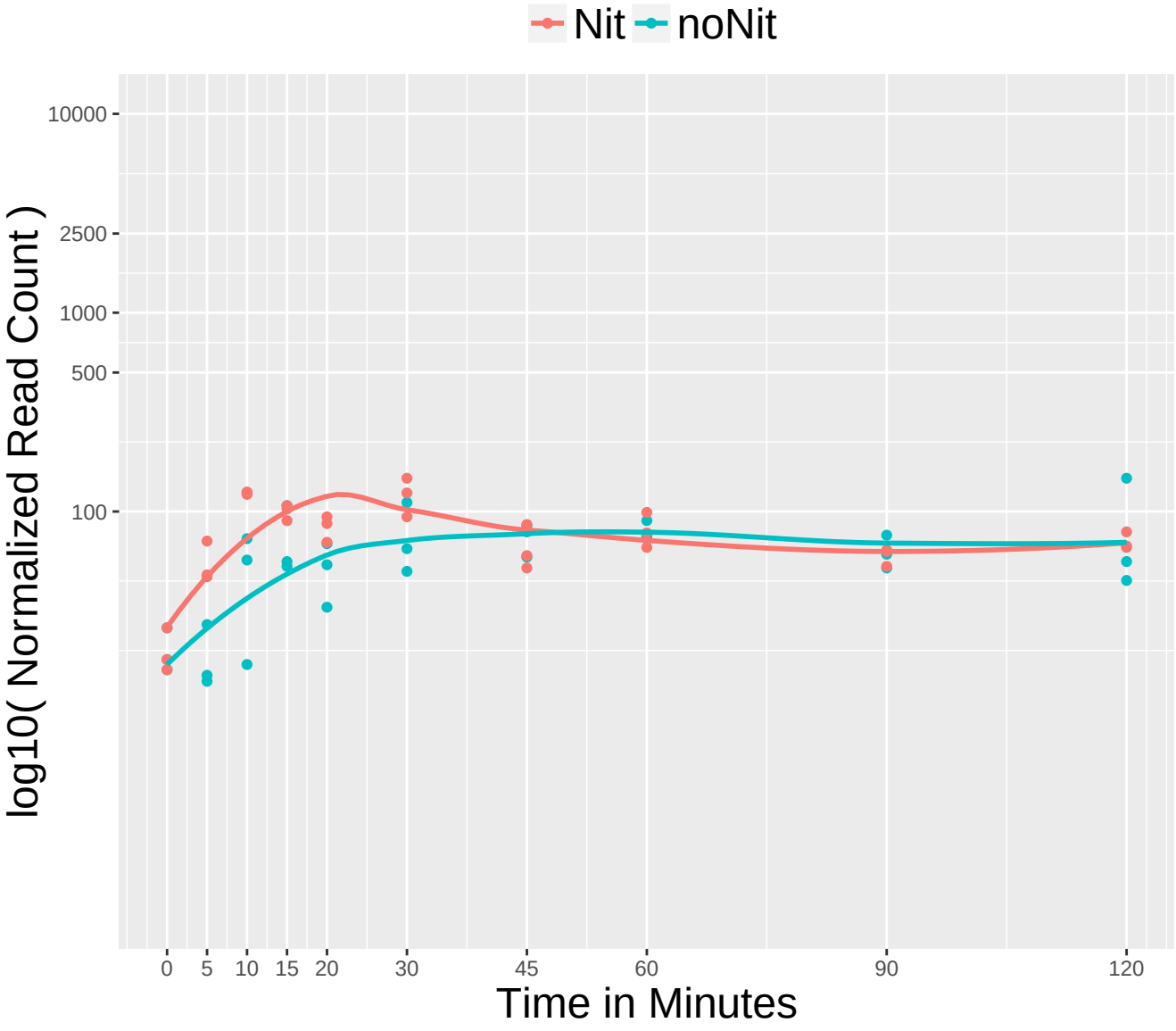
RSL4,root



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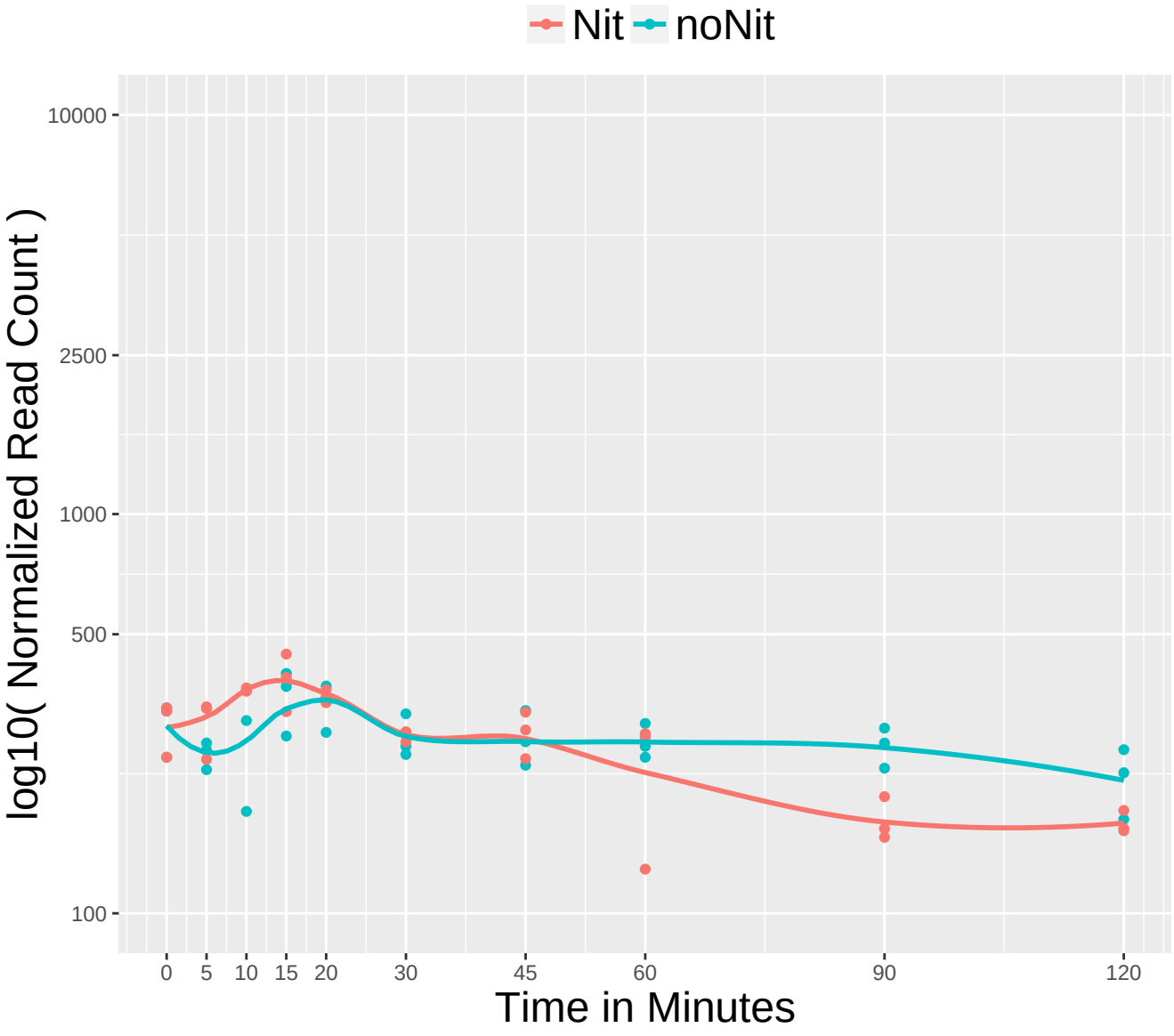
GDSL−like



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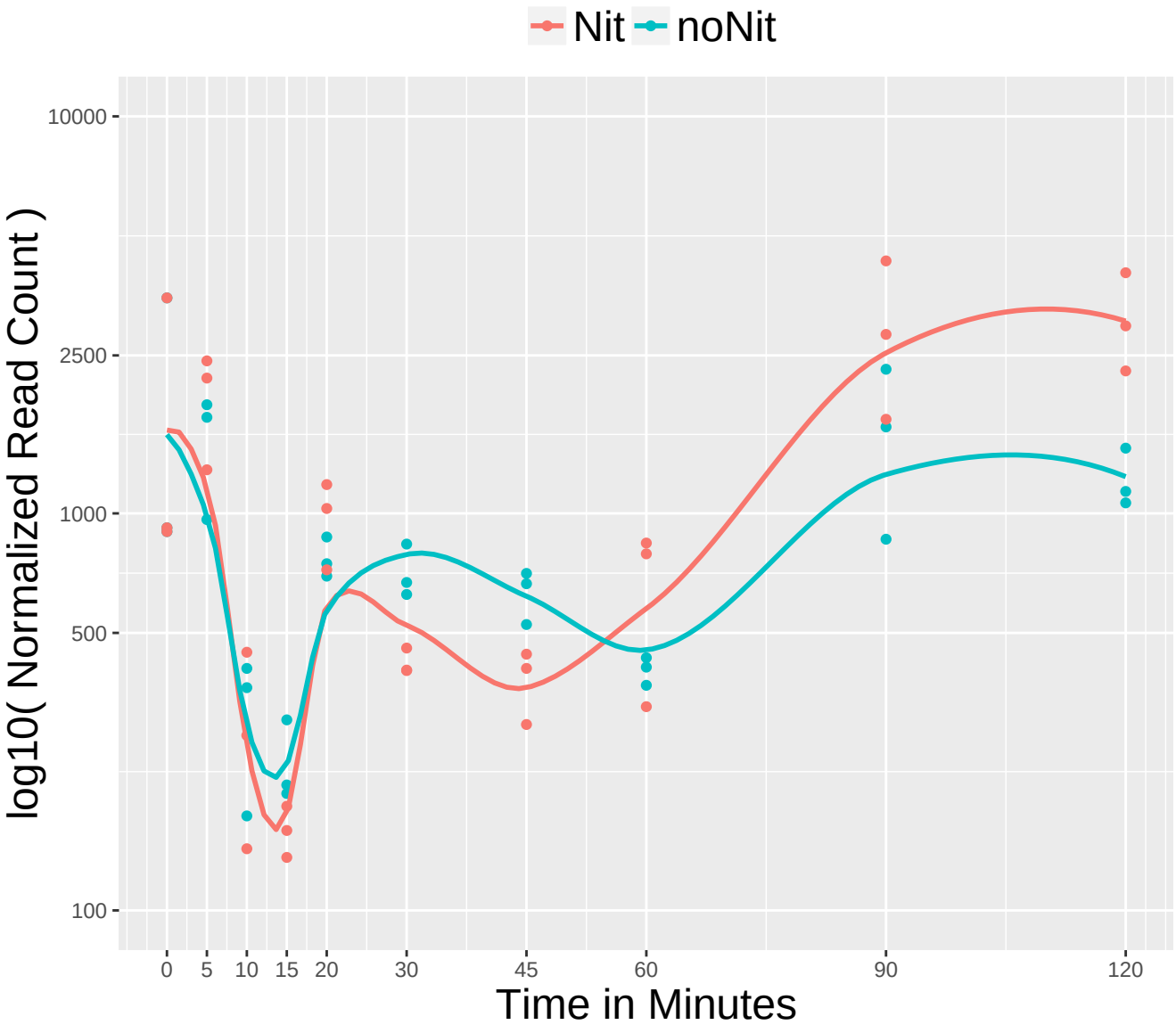
CML38,calmodulin−like



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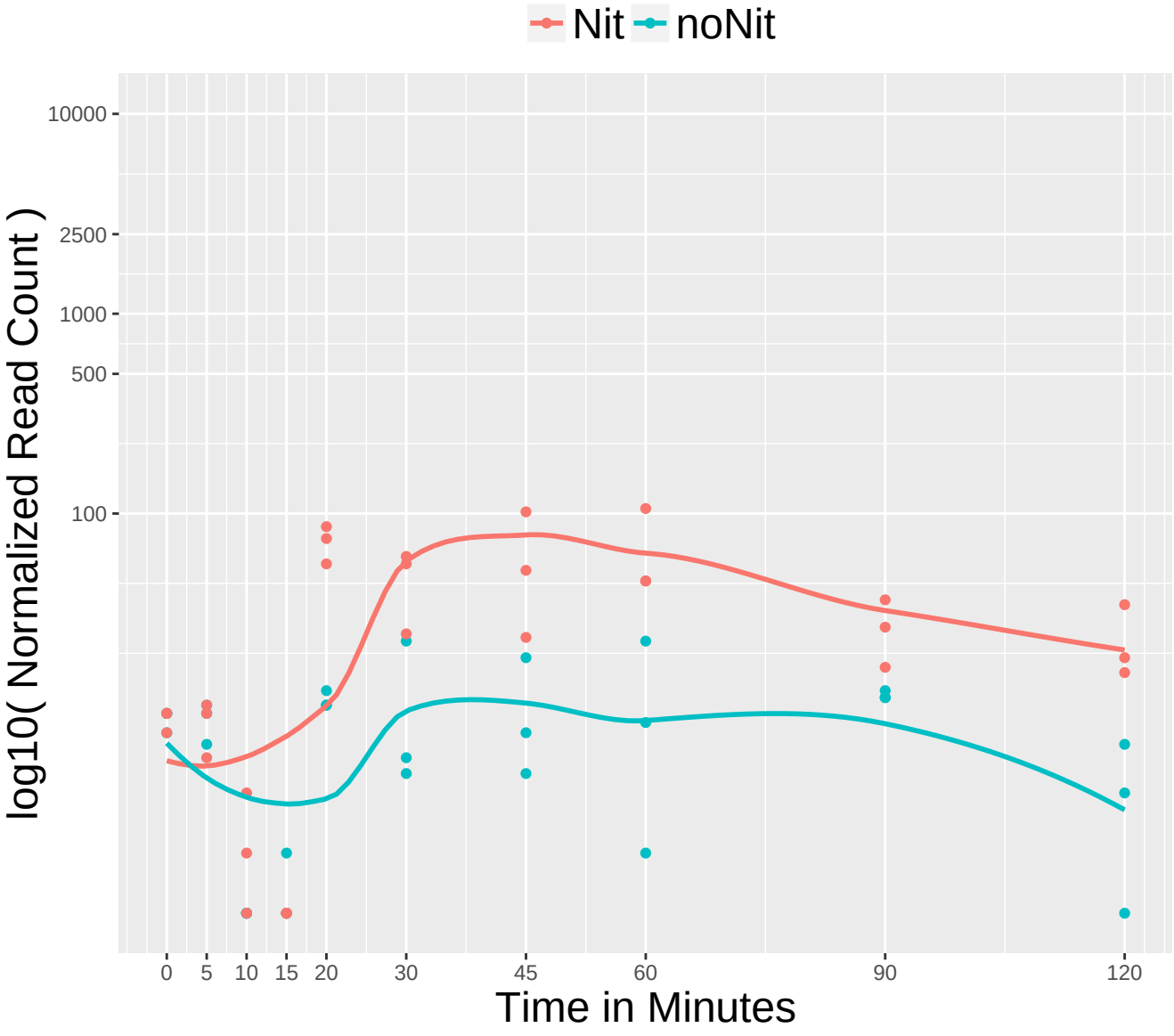
other



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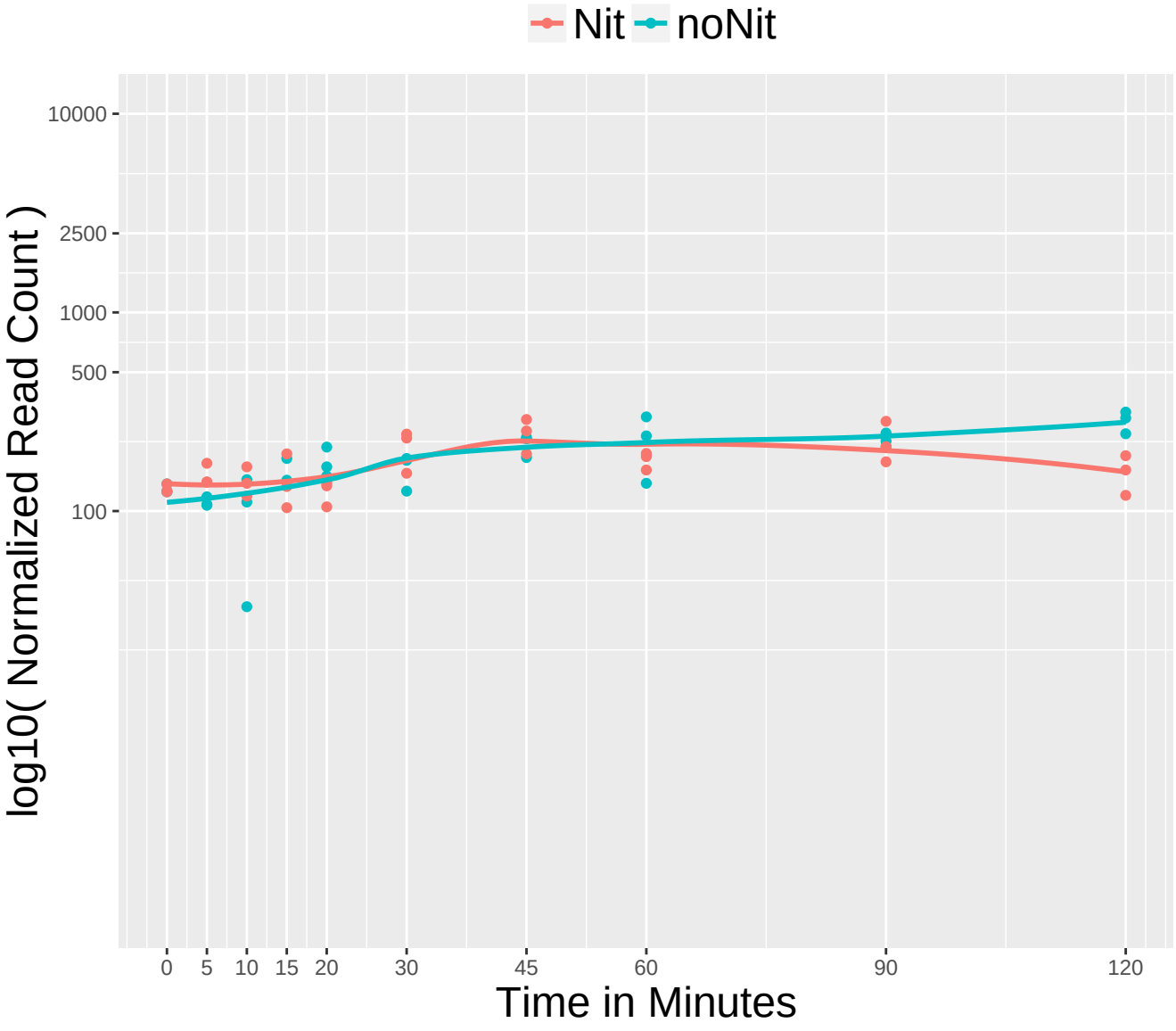
ATRAB7A,RAB



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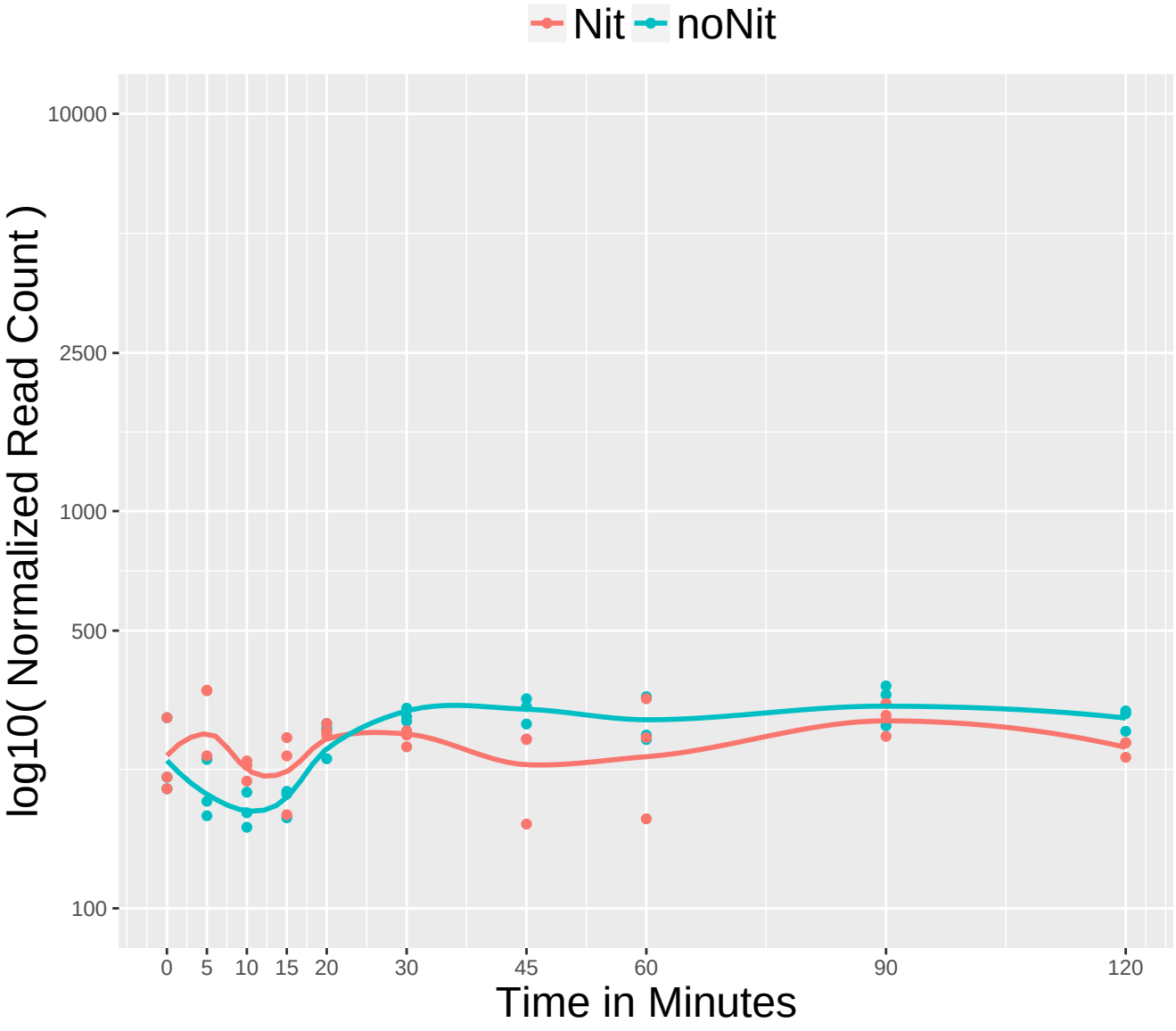
ARASP,ARABIDOPSIS



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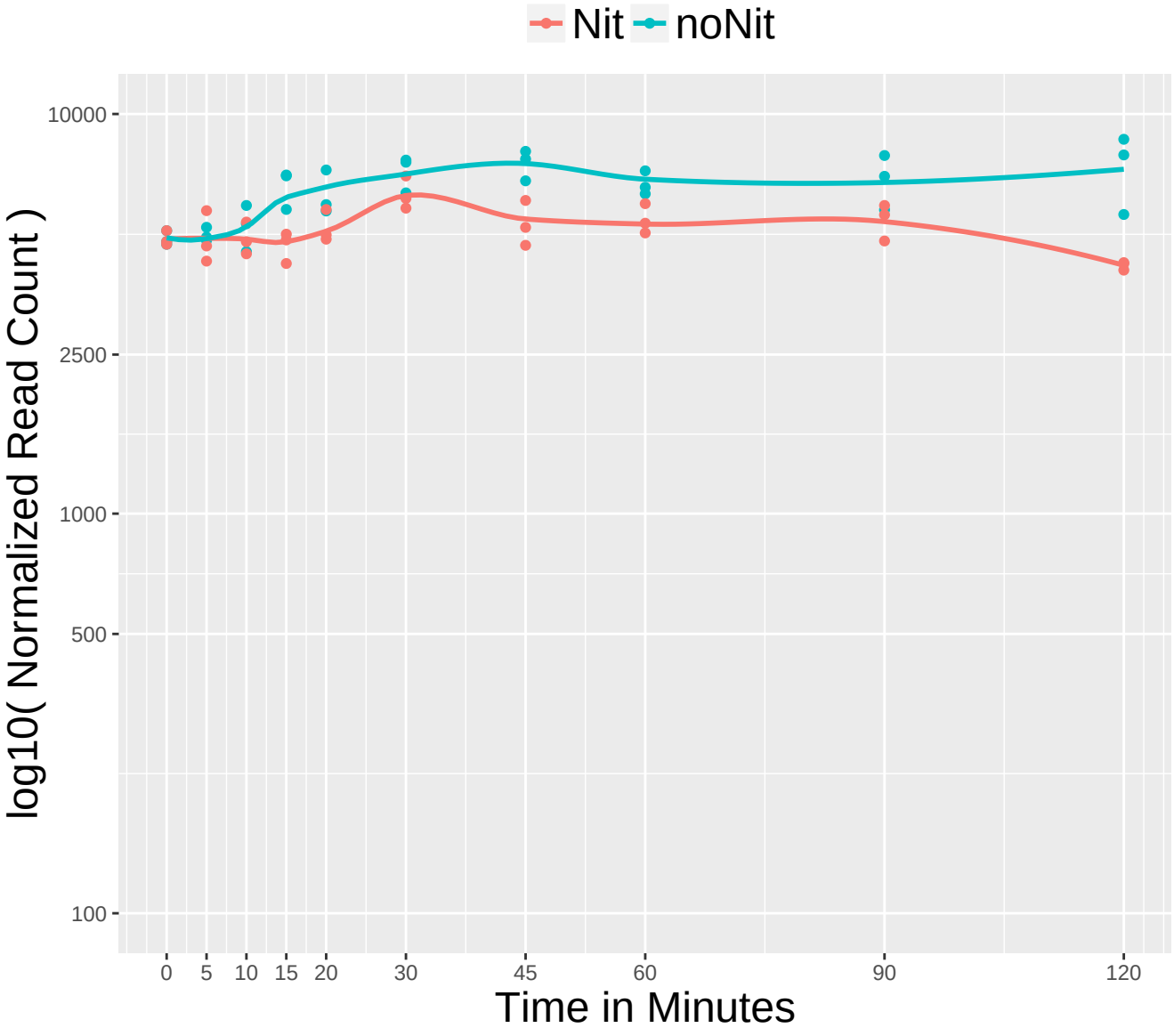

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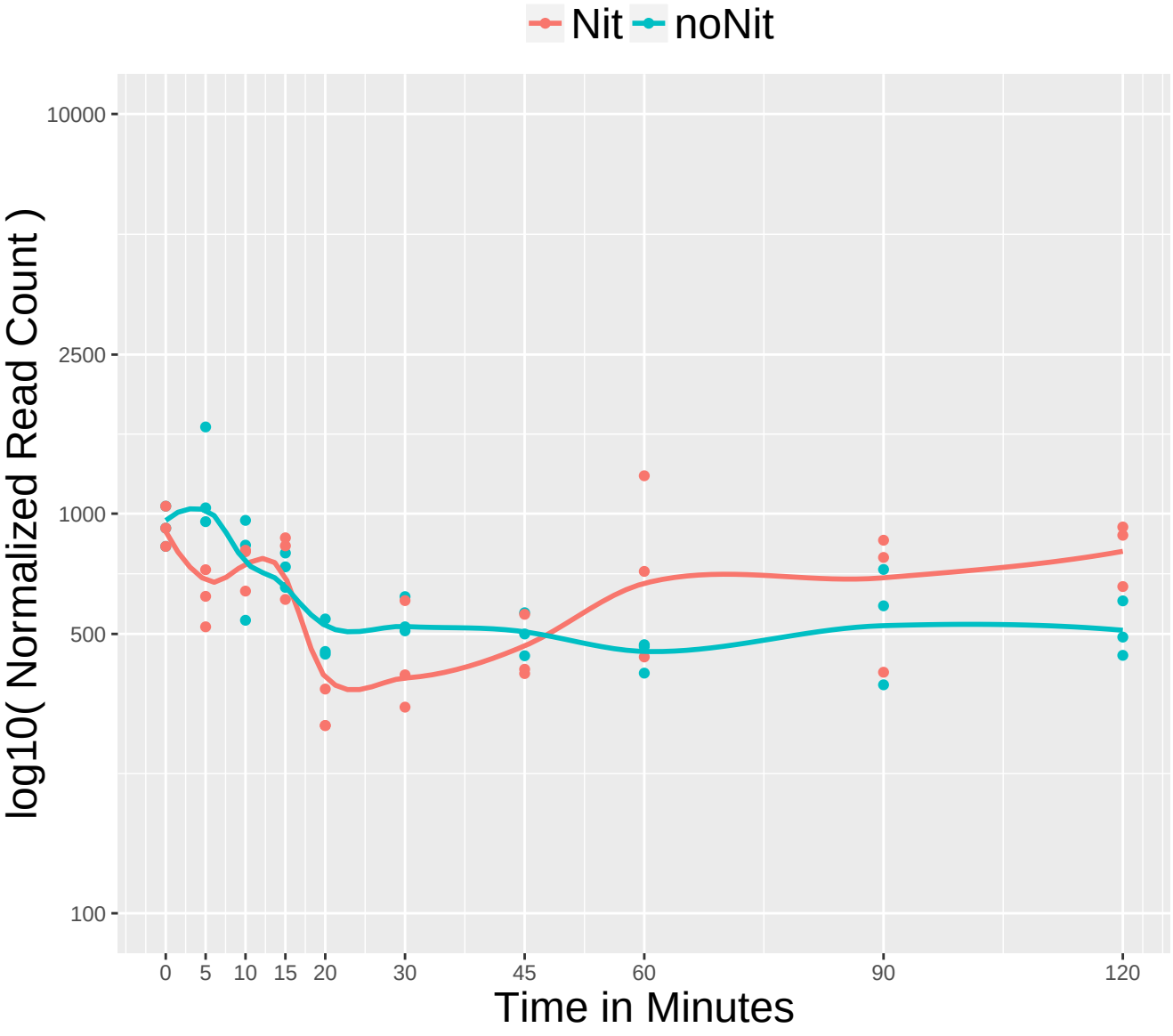
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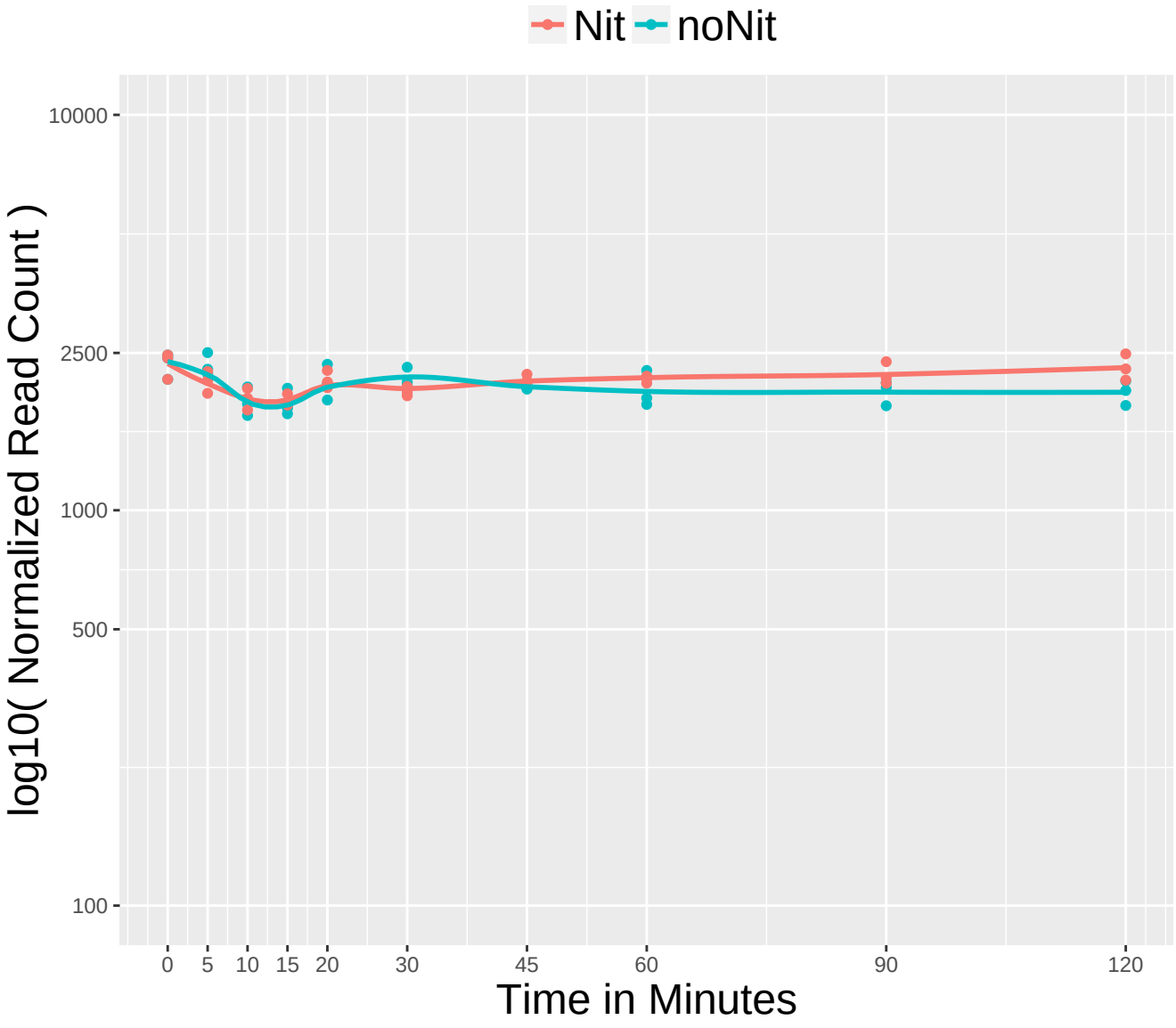
AT3G04600

Nucleotidylyl



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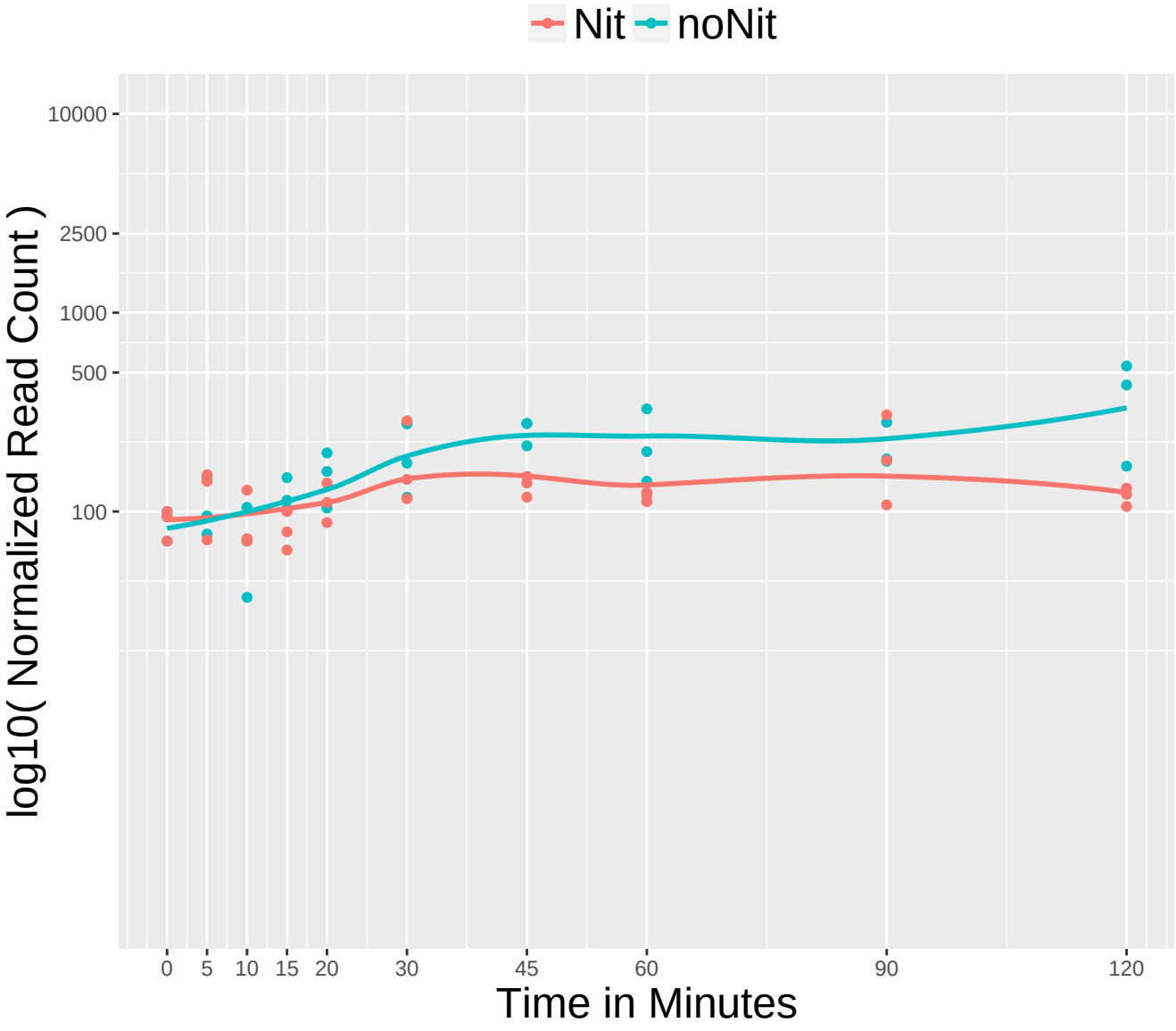
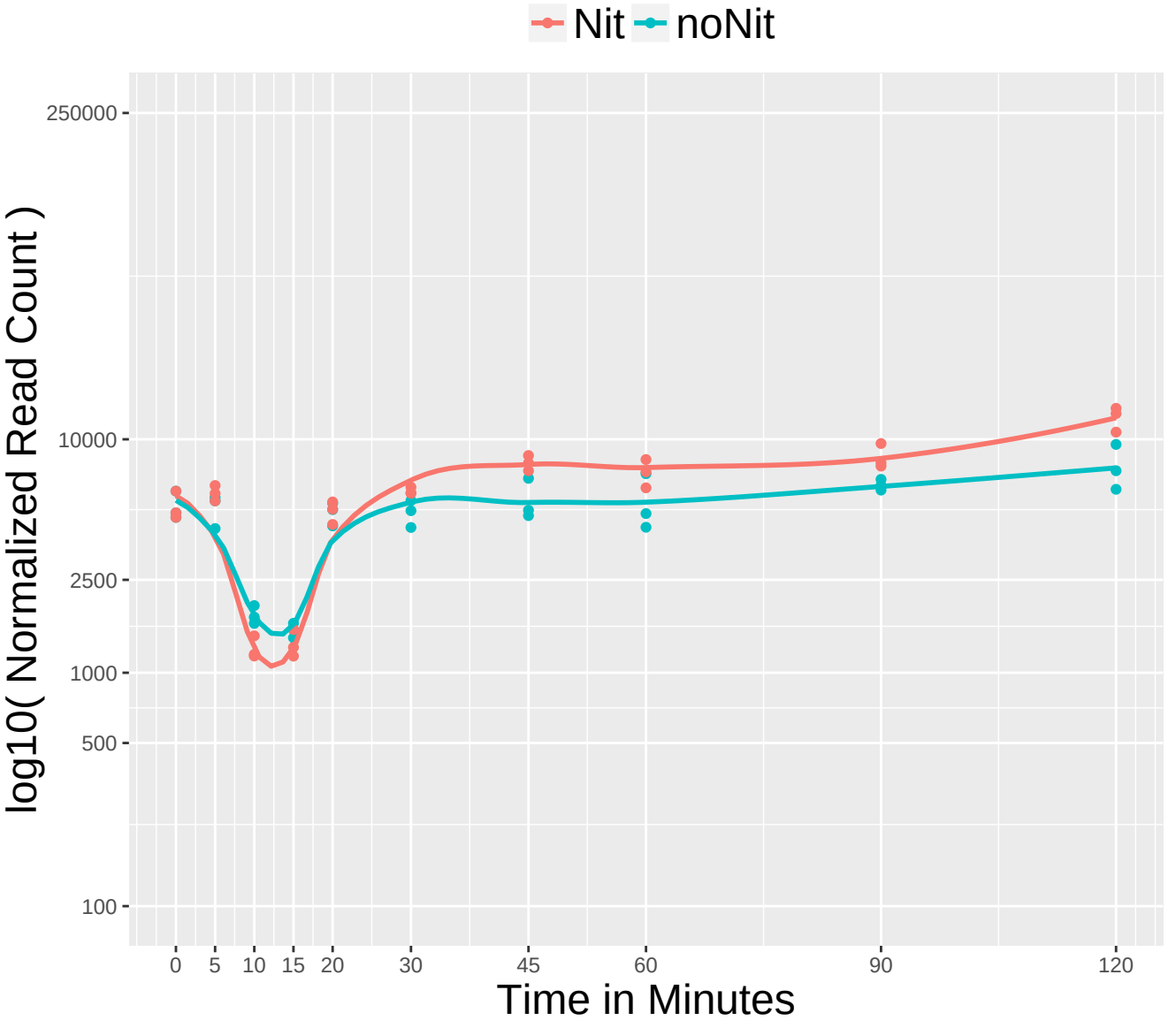
ACA9,autoinhibited



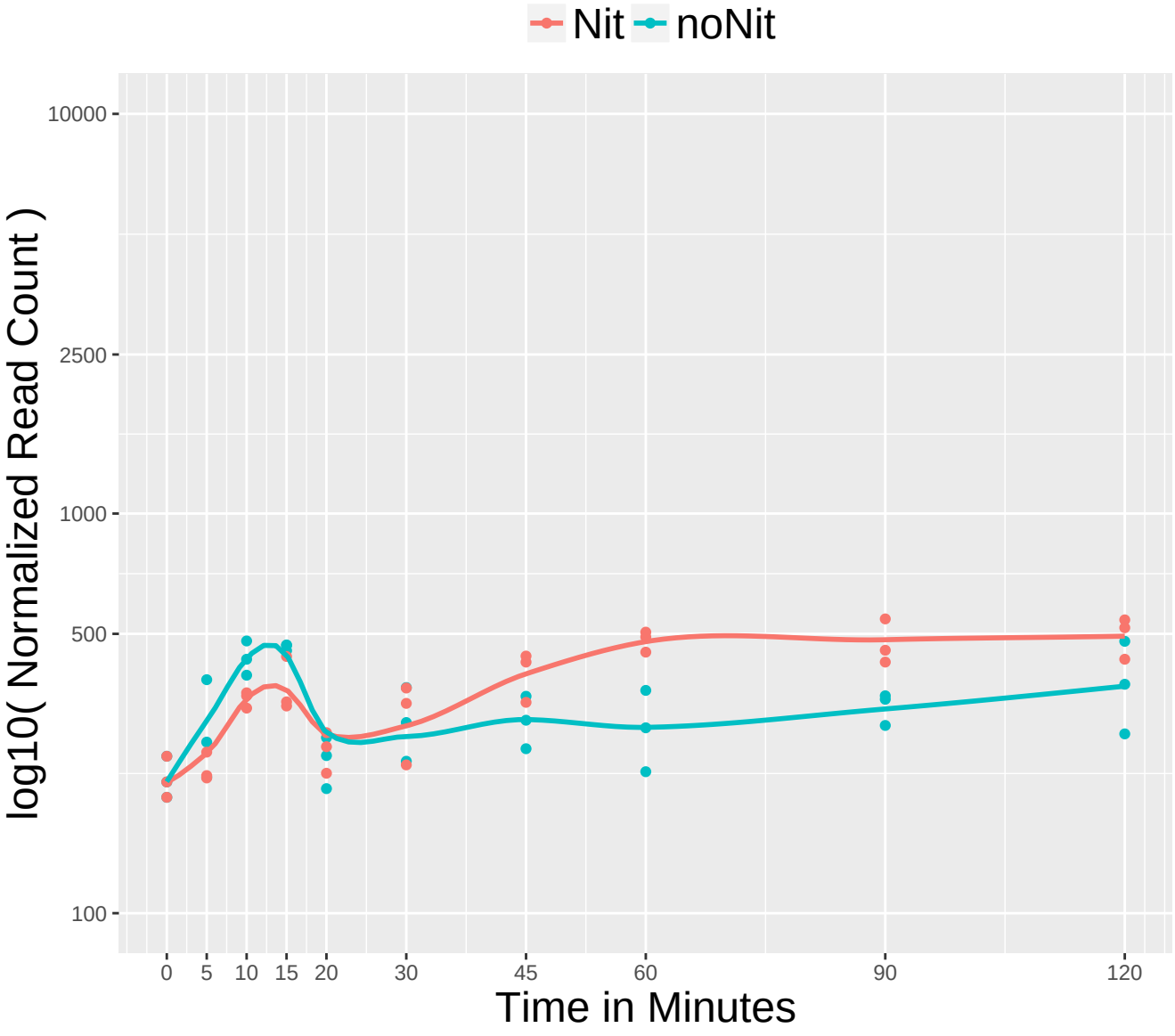
AT3G23175

HR−like



AT3G26610

Pectin



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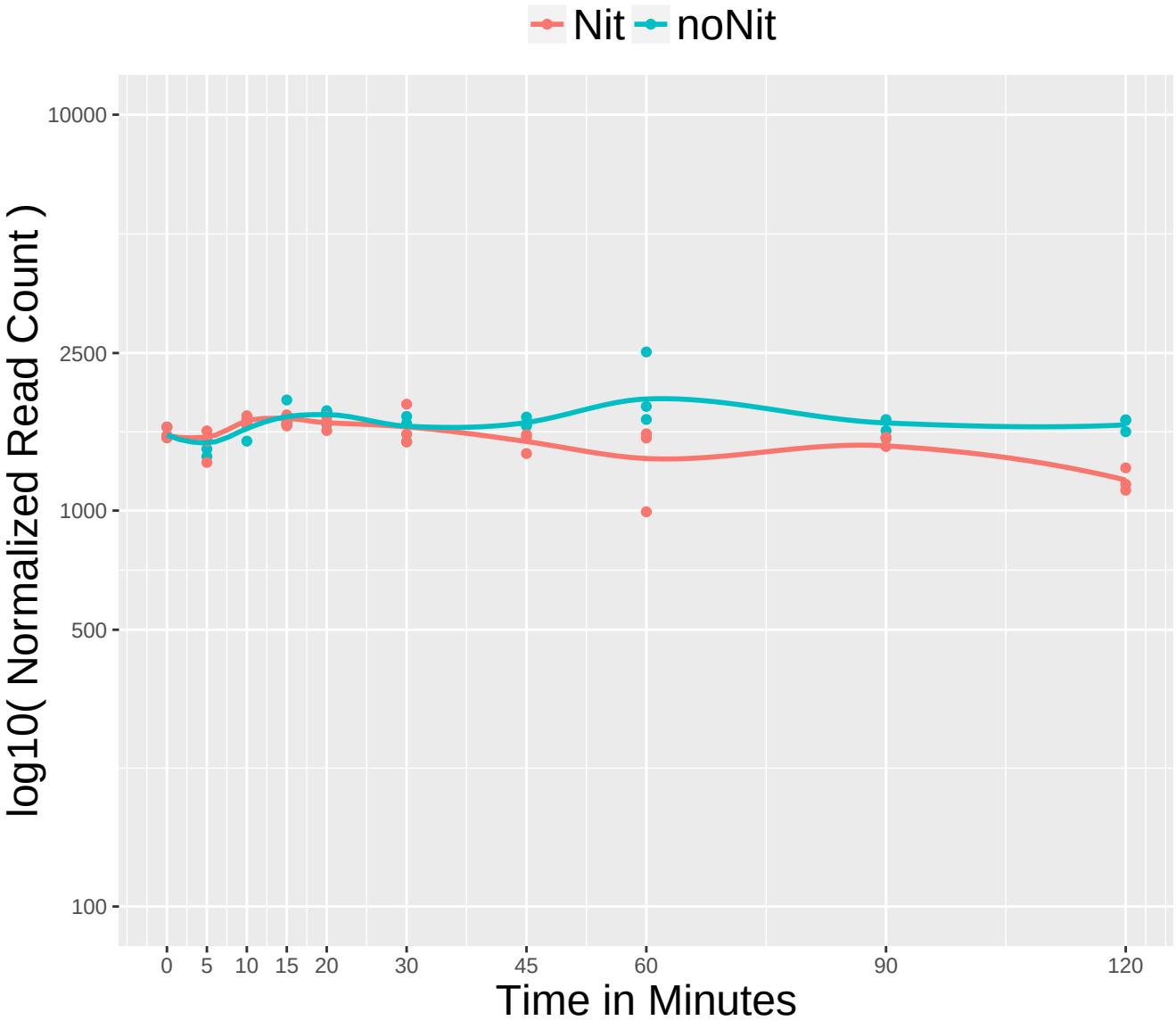
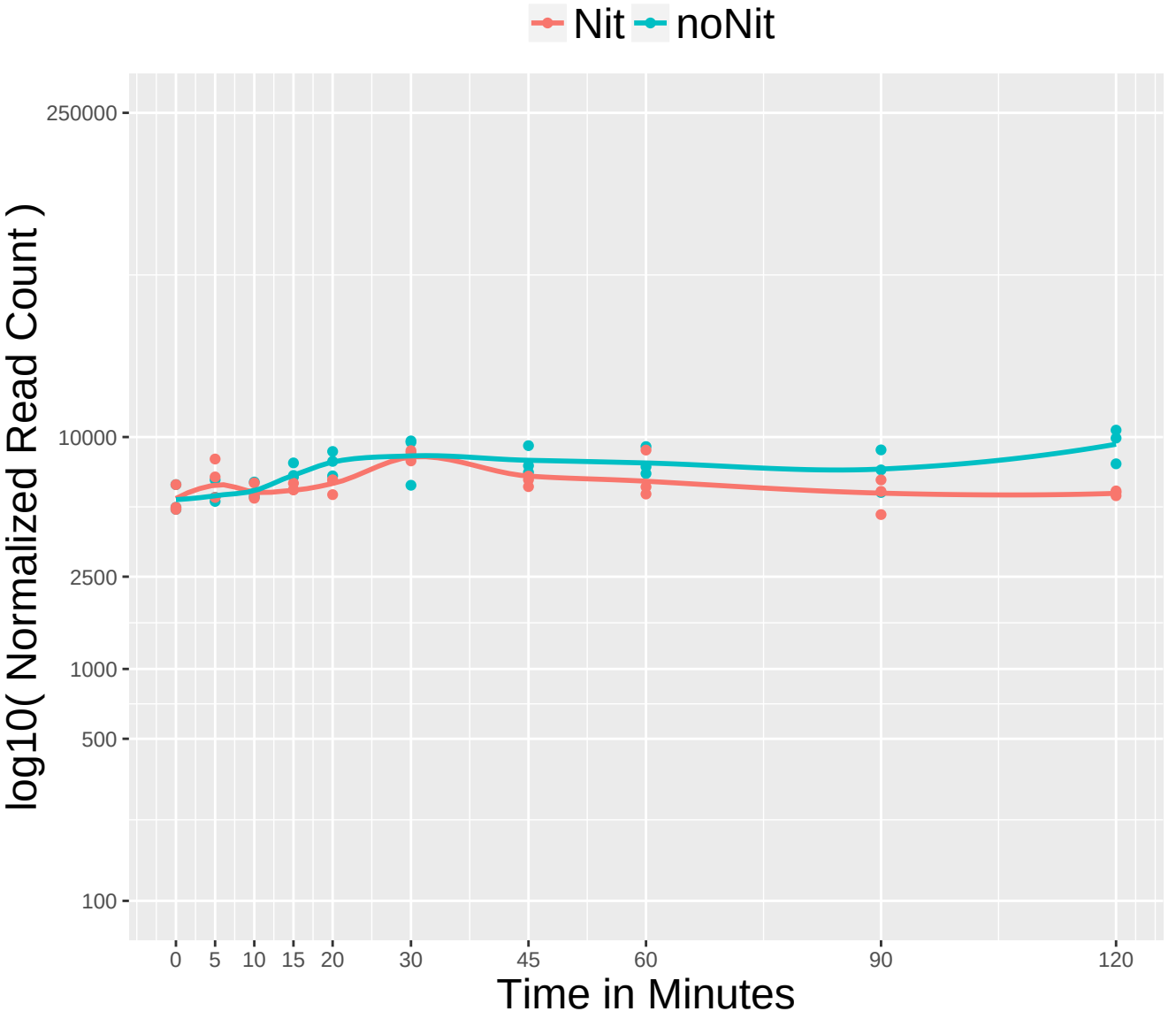
Phosphoinositide



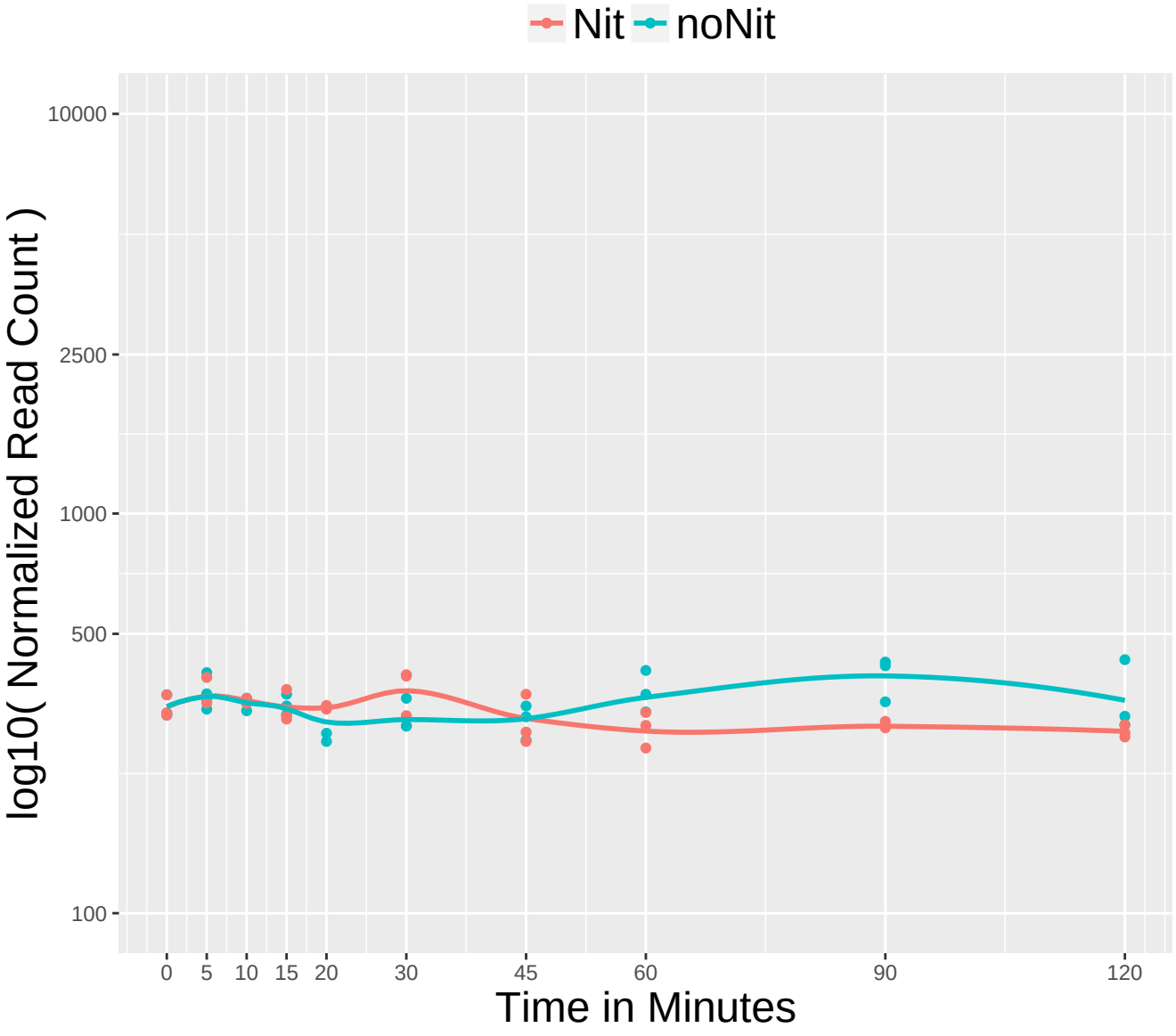
AT3G48890

ATMAPR3,ARABIDOPSIS



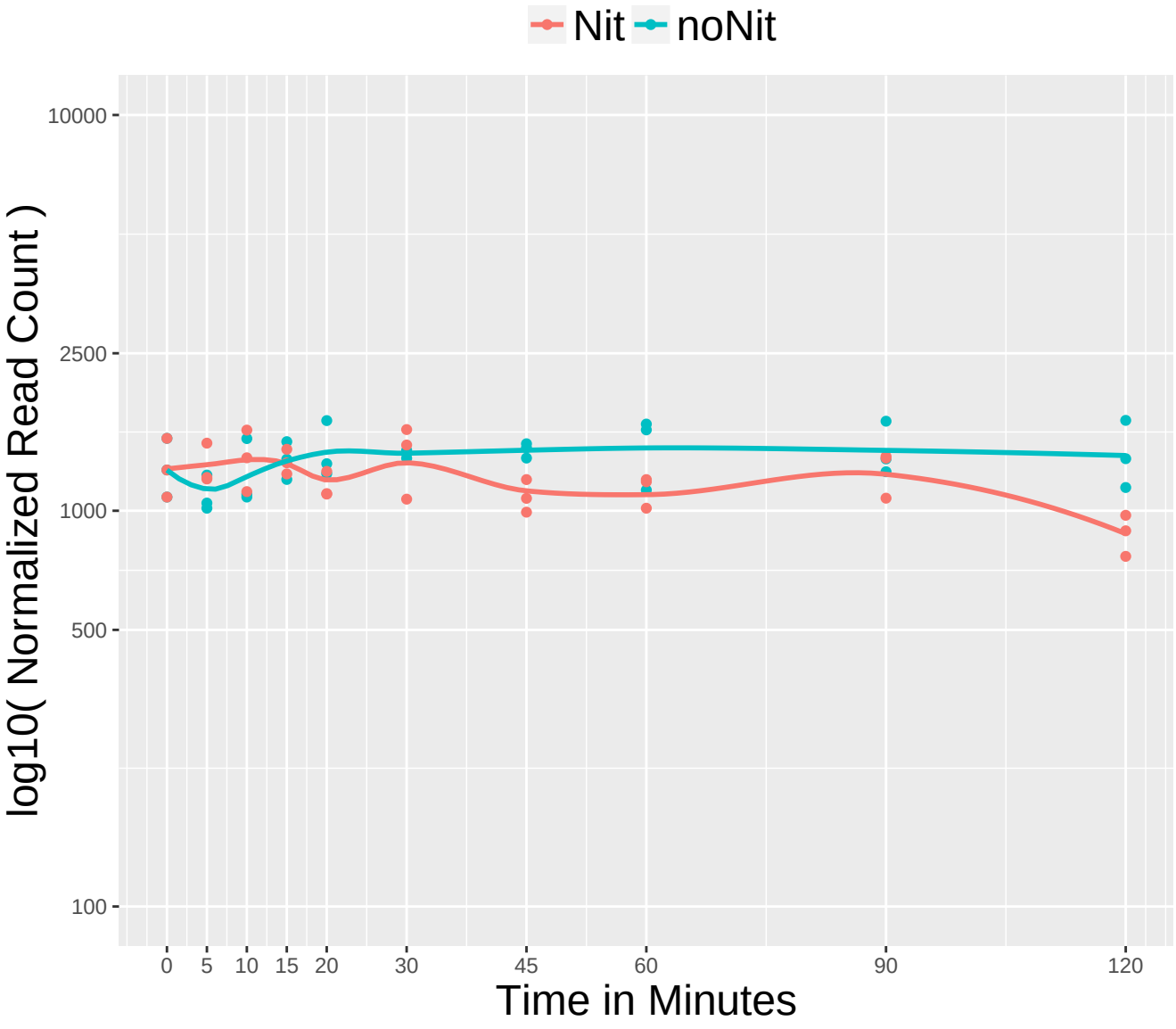
AT3G58830

haloacid



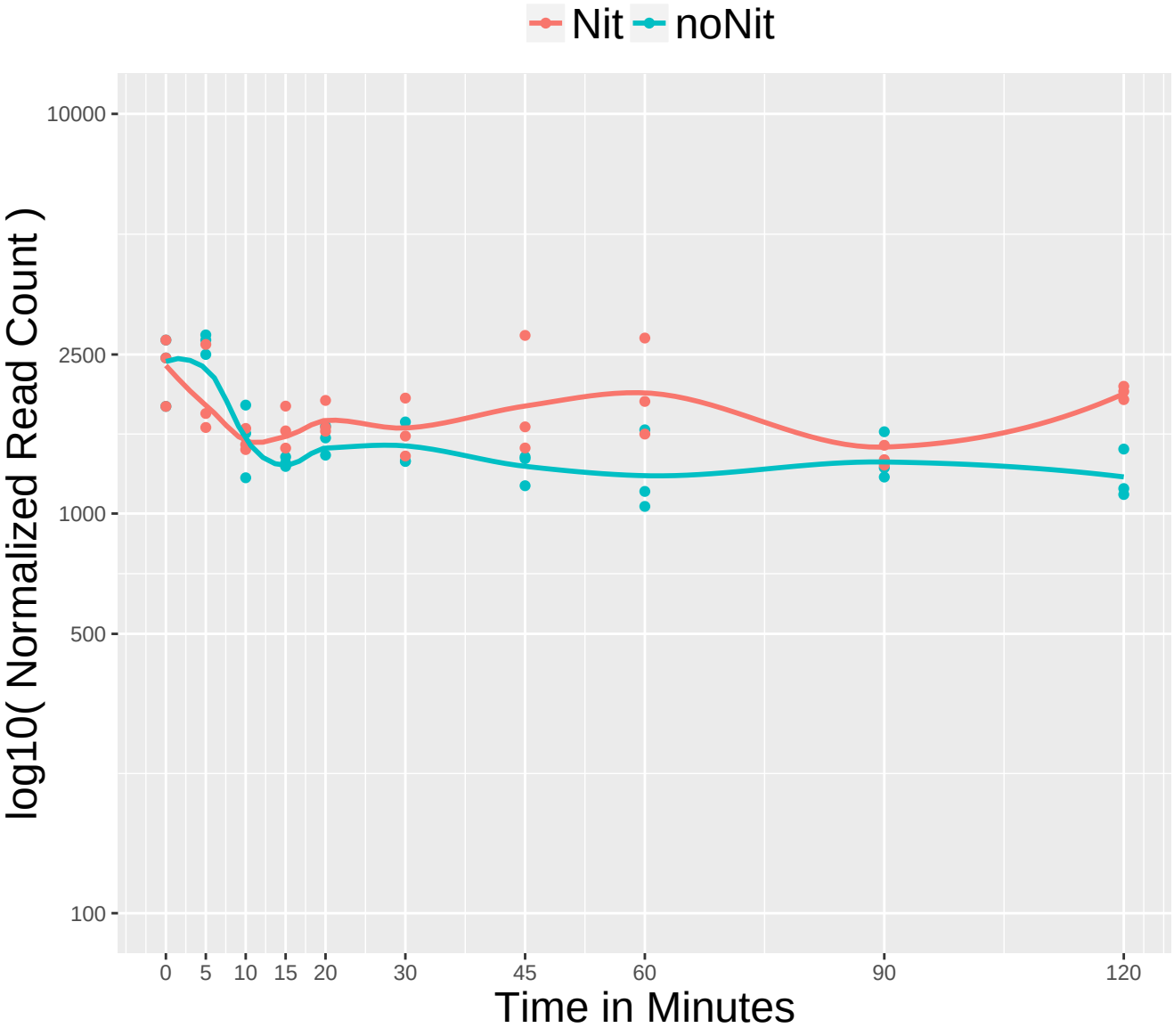
AT5G05110

Cystatin/monellin



AT5G20180

Ribosomal



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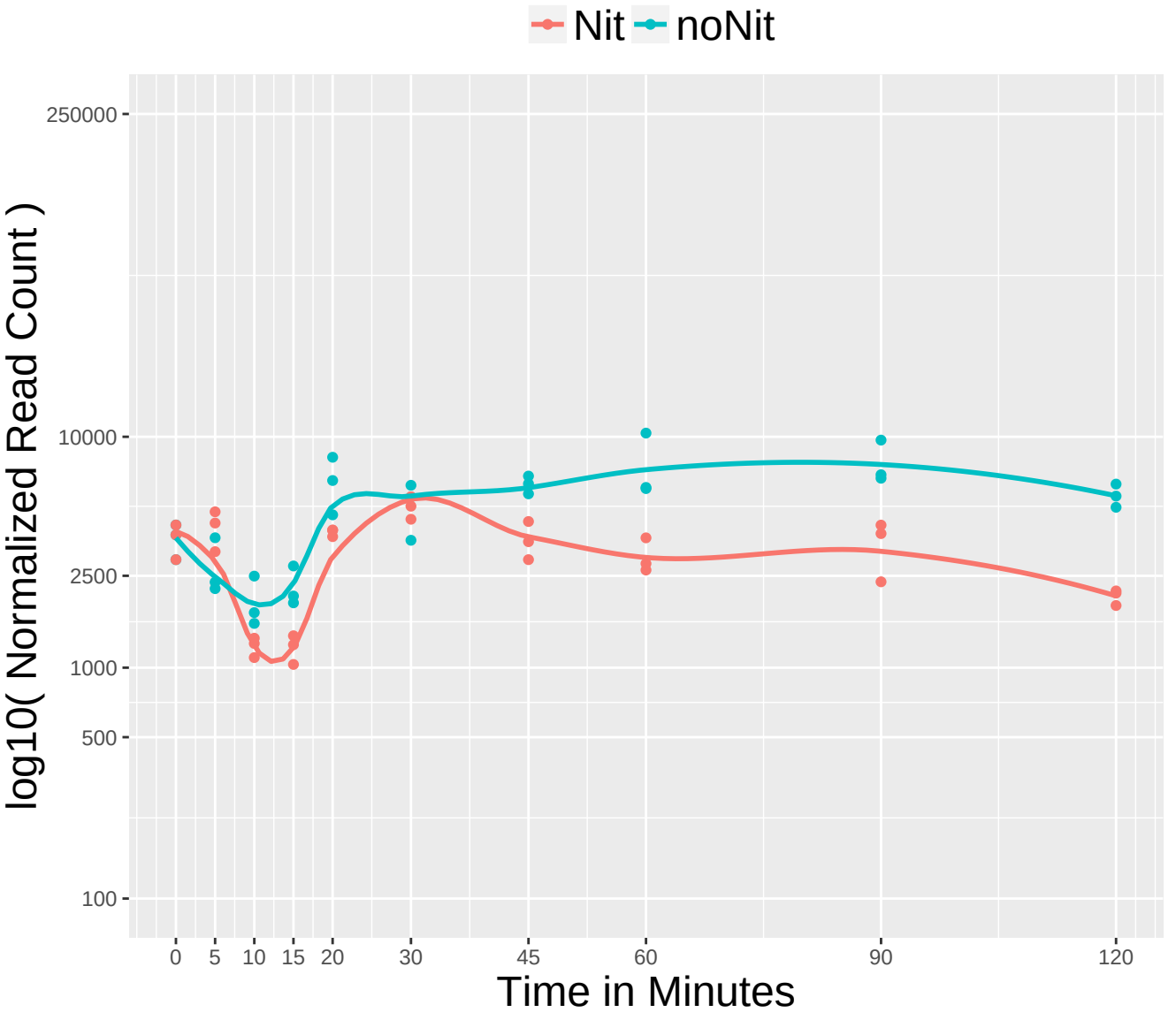

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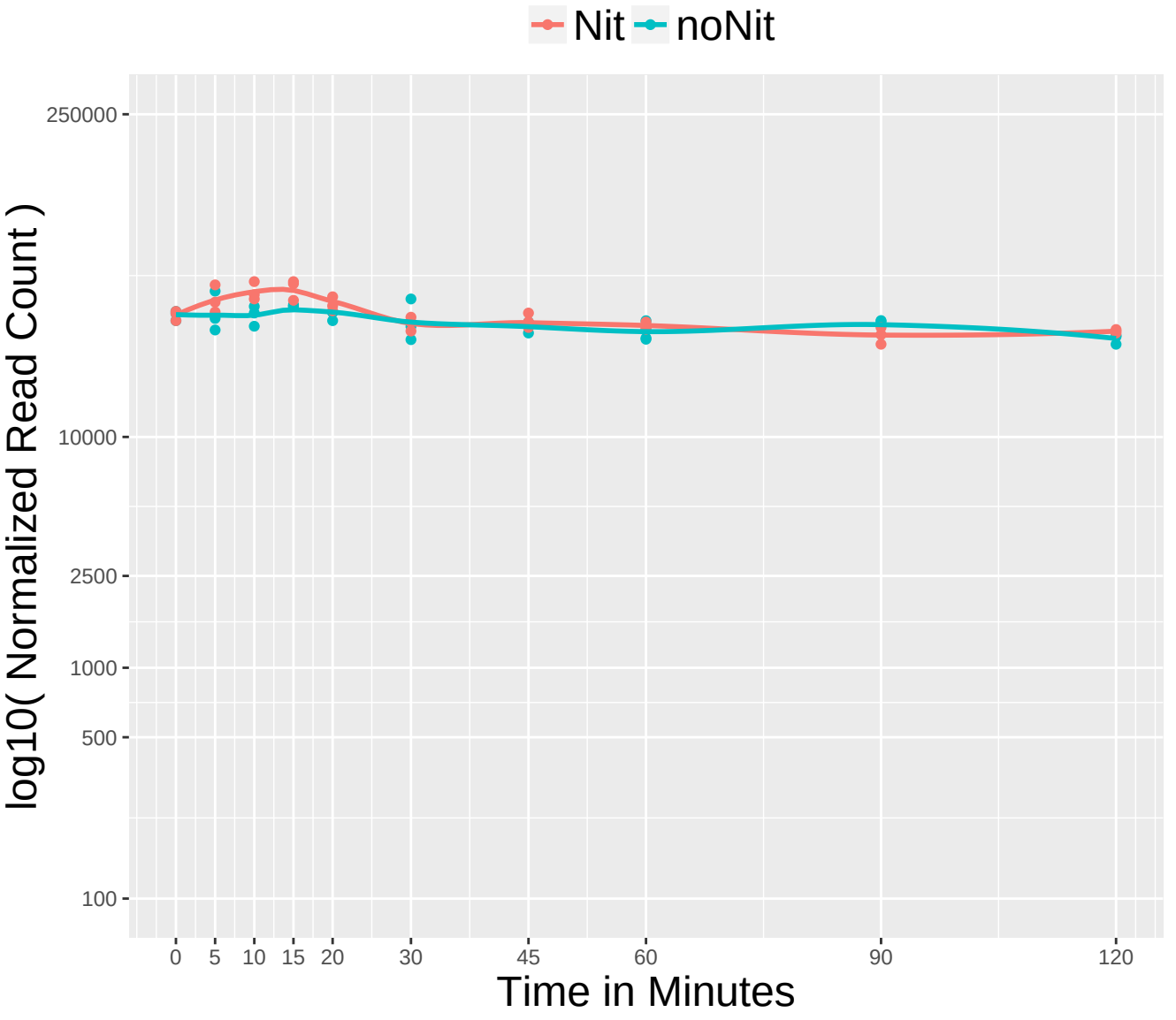

AT5G53430

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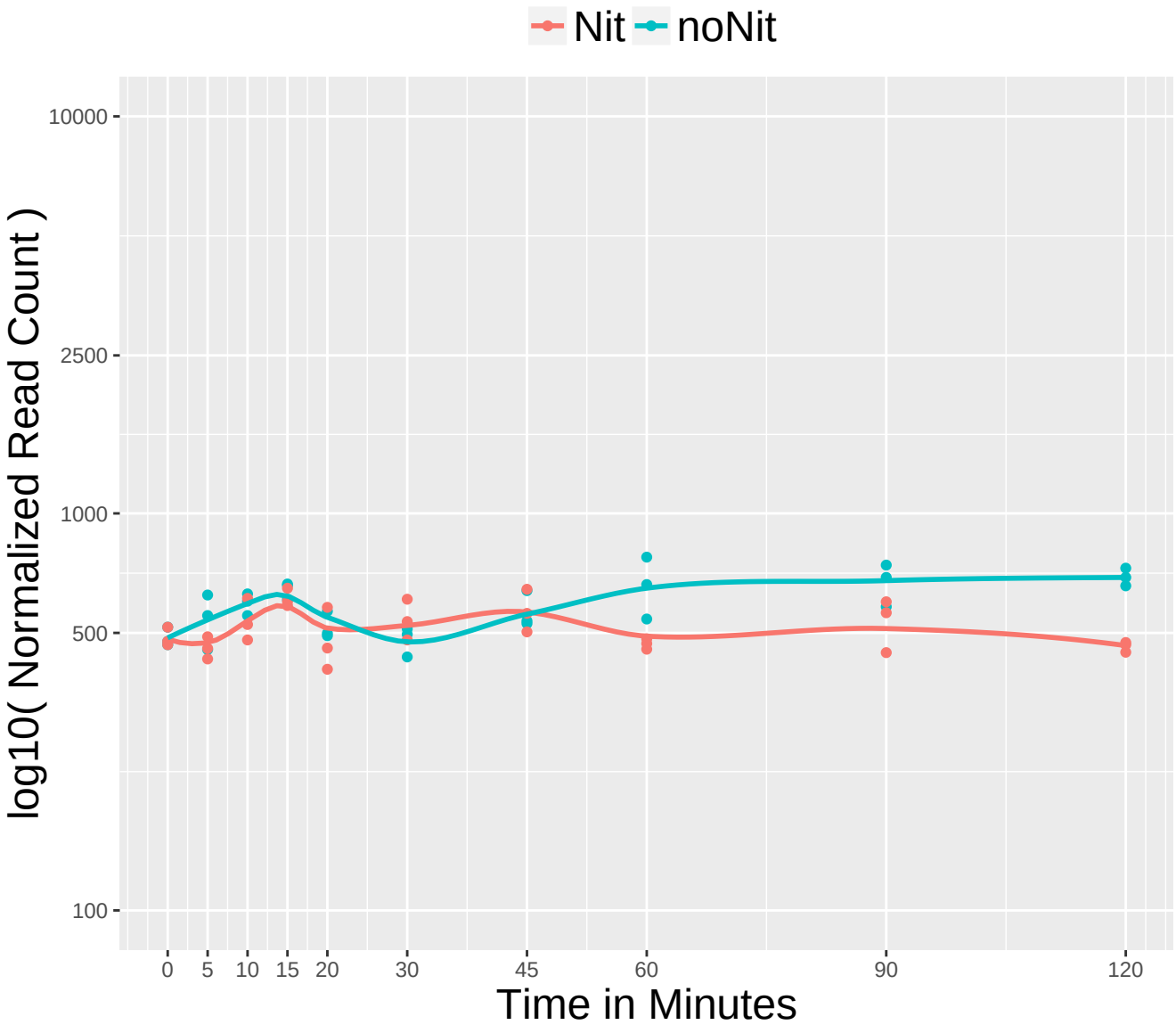
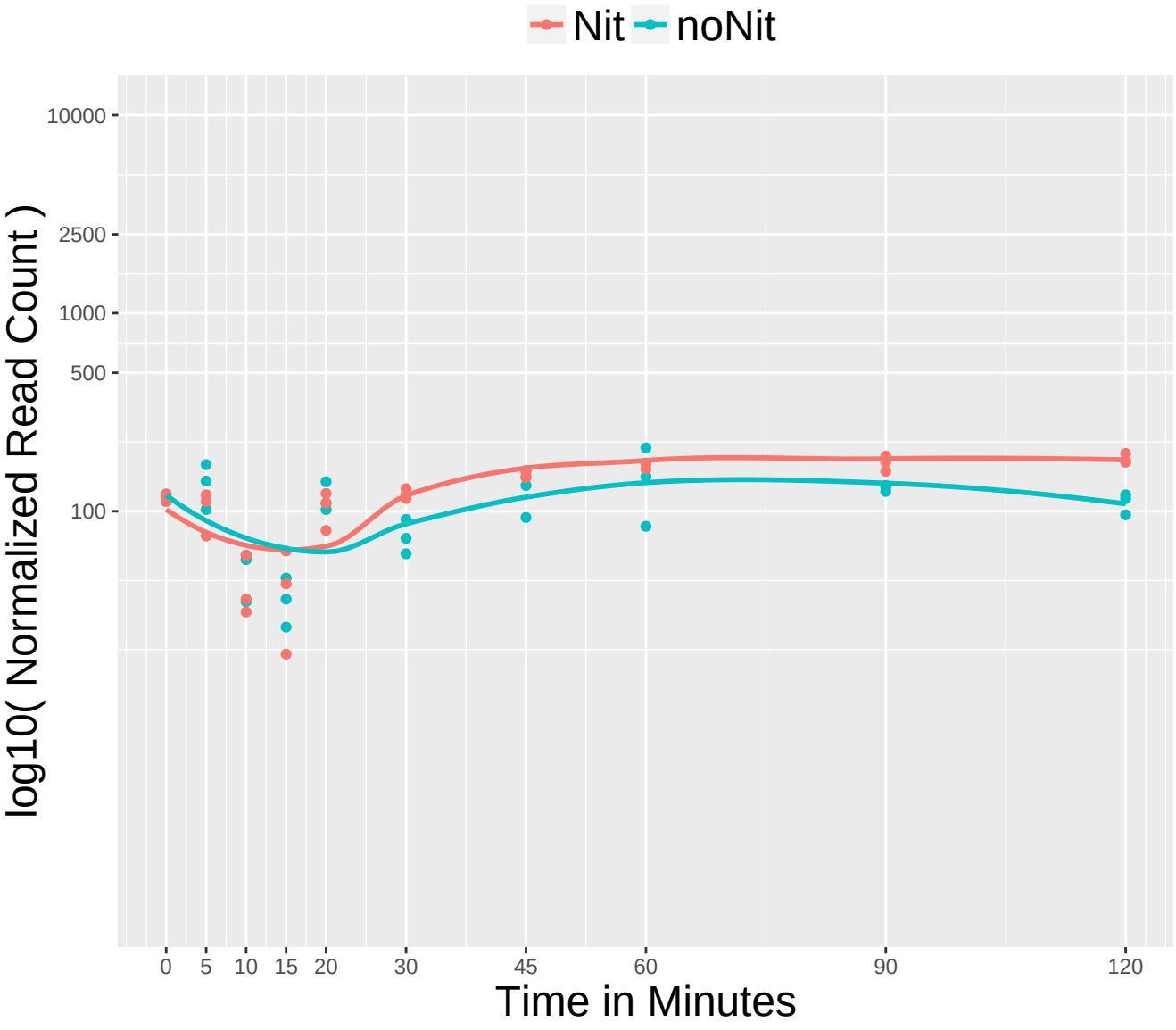


AT1G02440

ARFD1A,ADP−ribosylation



AT1G21230

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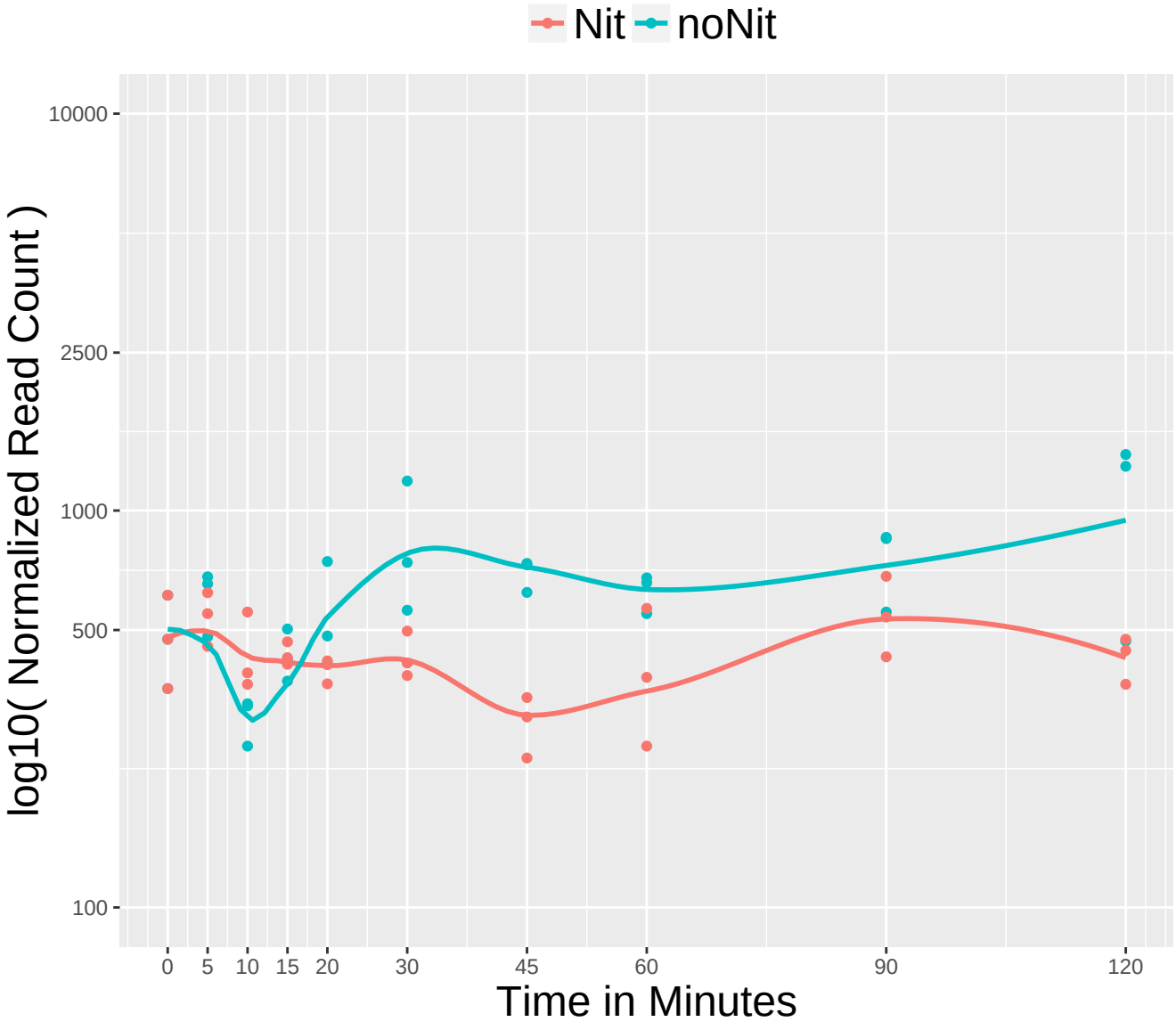
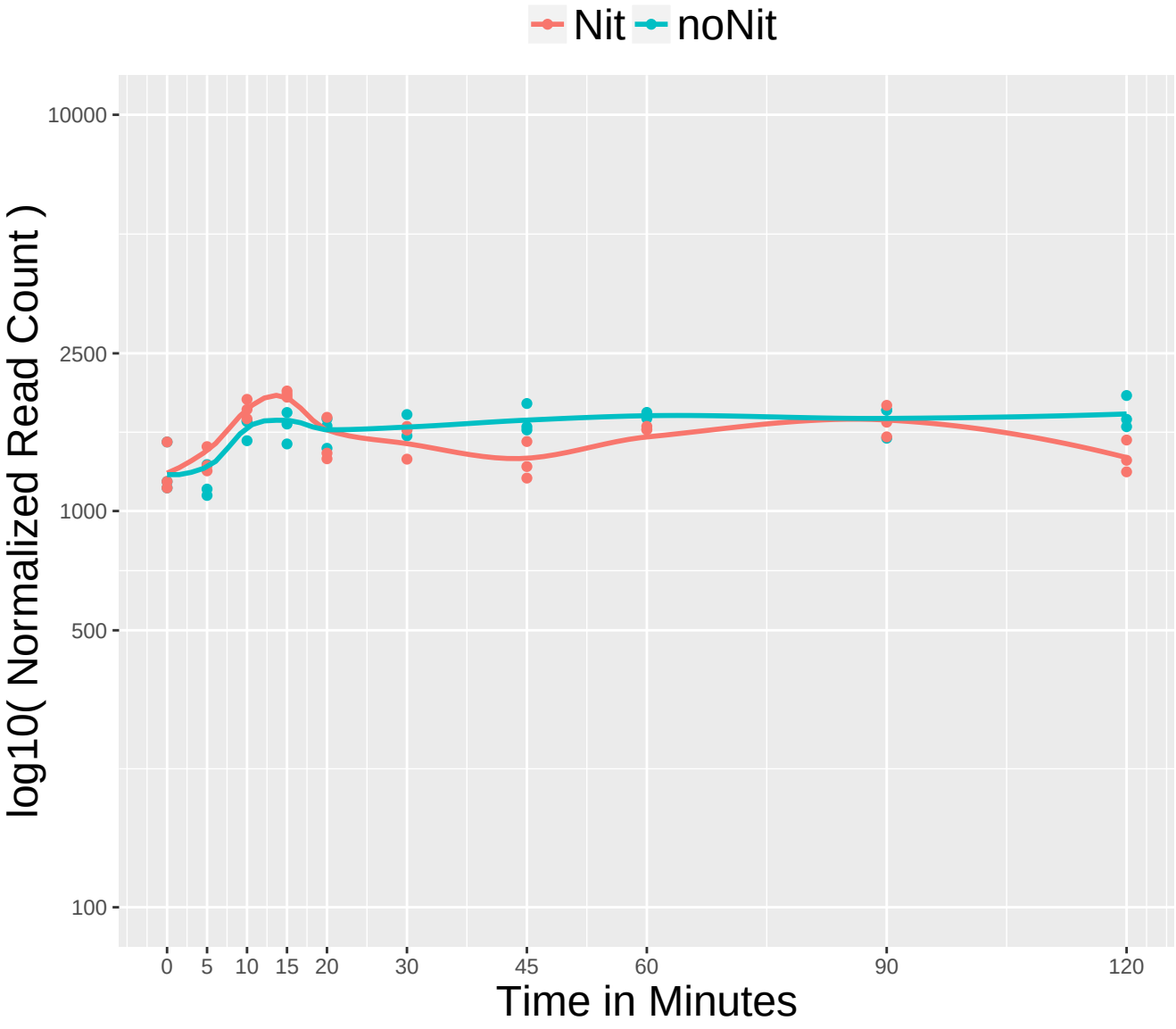


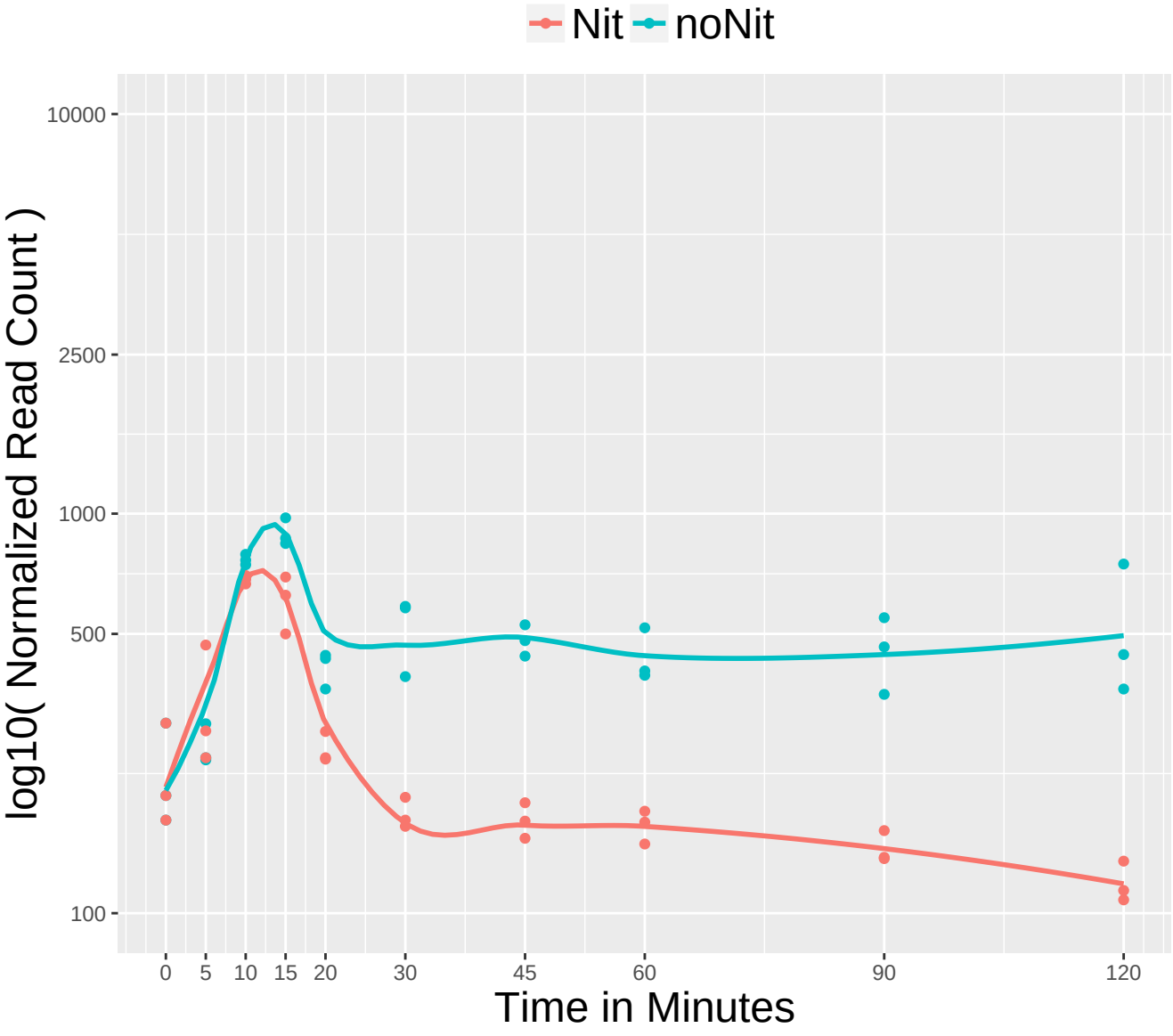
AT1G27150

Tetratricopeptide



AT1G58420

Uncharacterised



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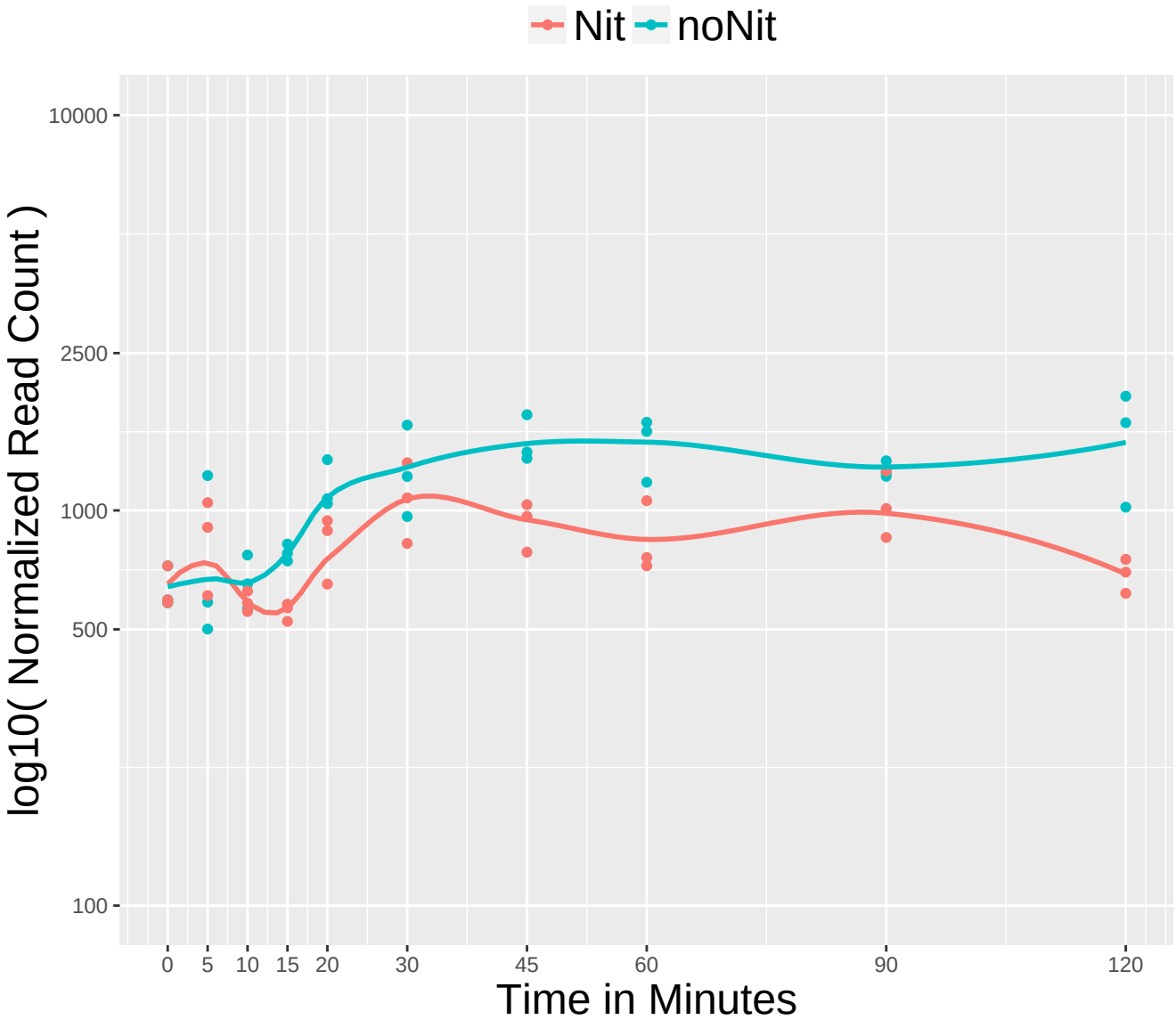

AT2G22470

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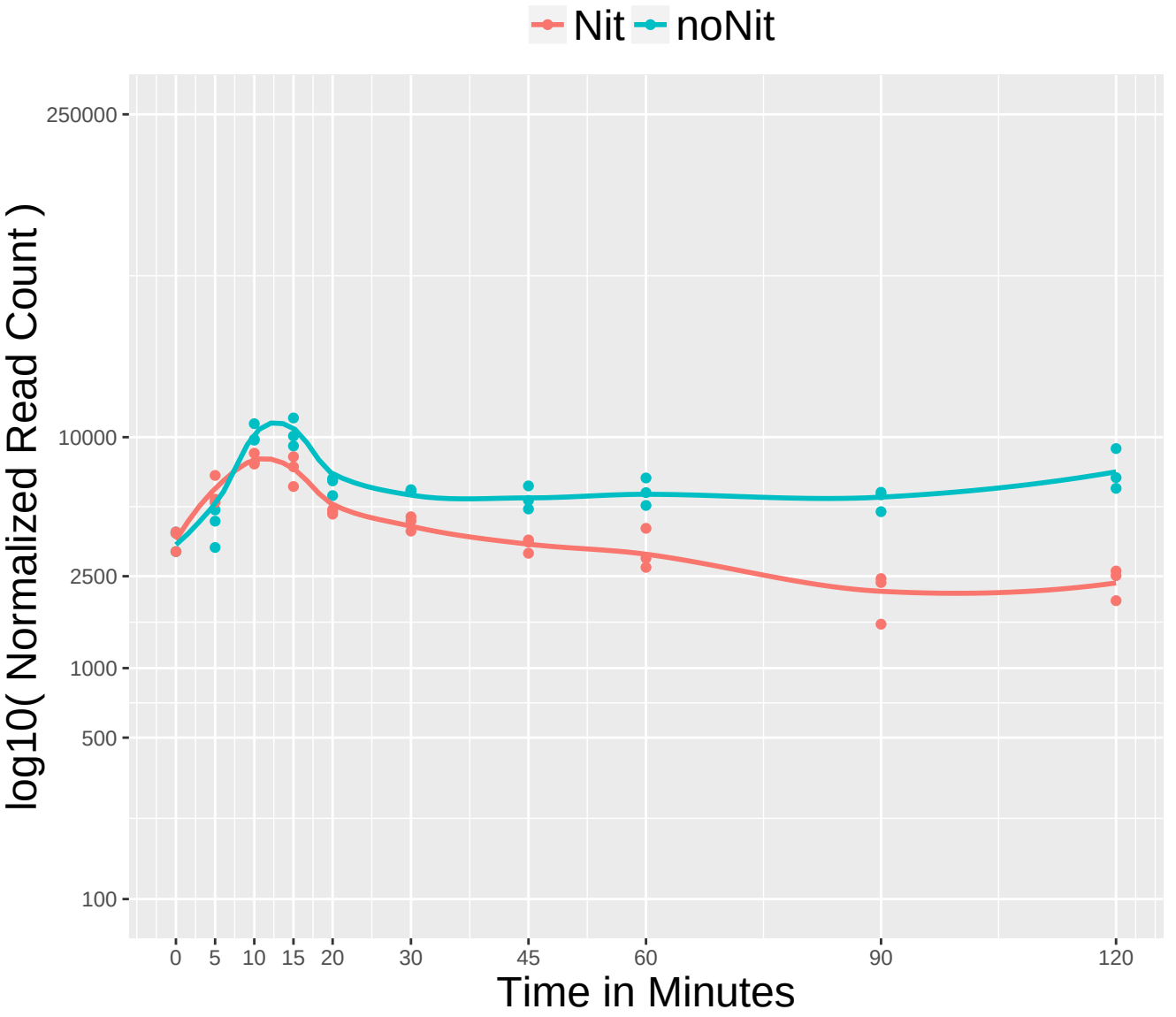

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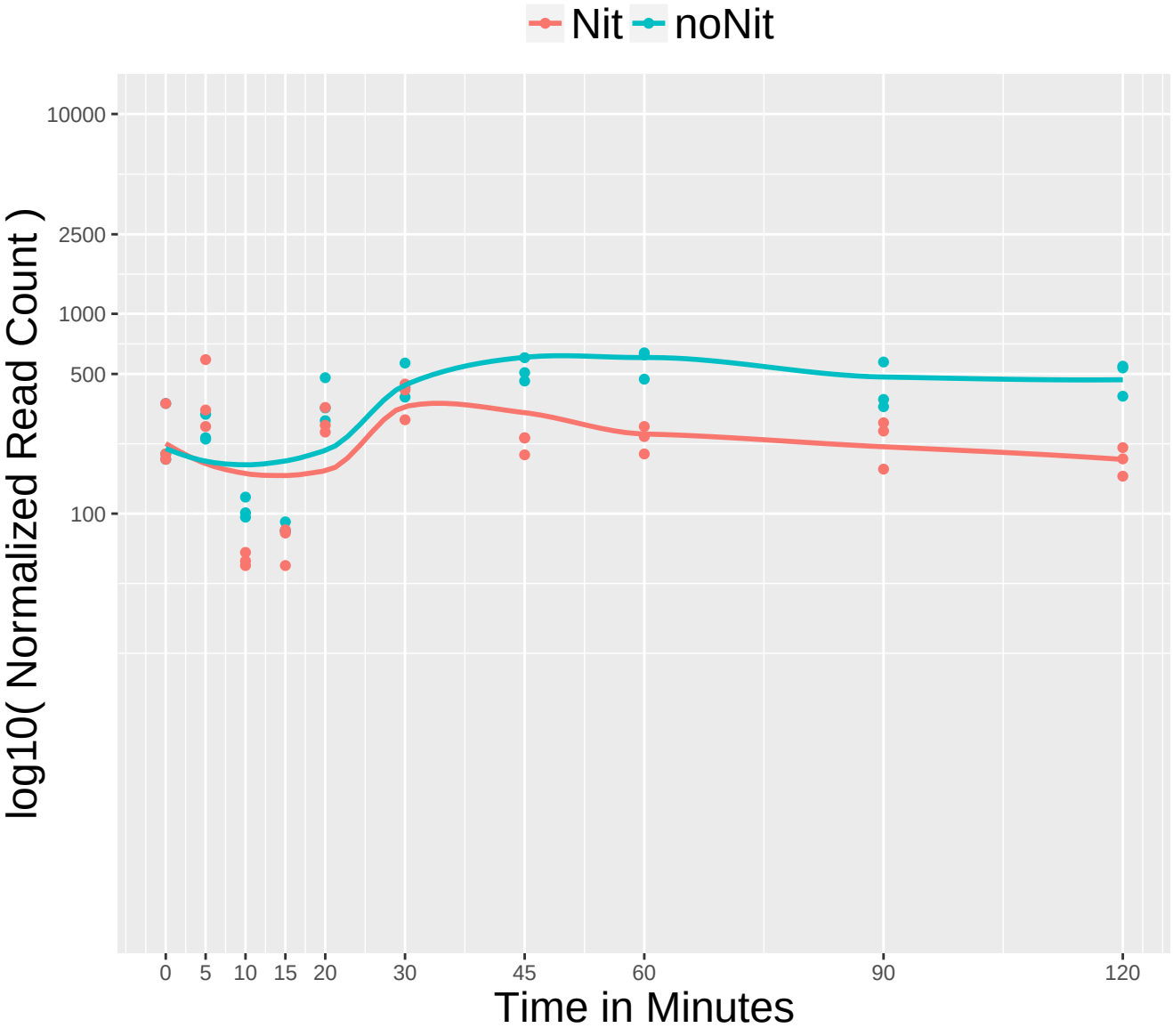
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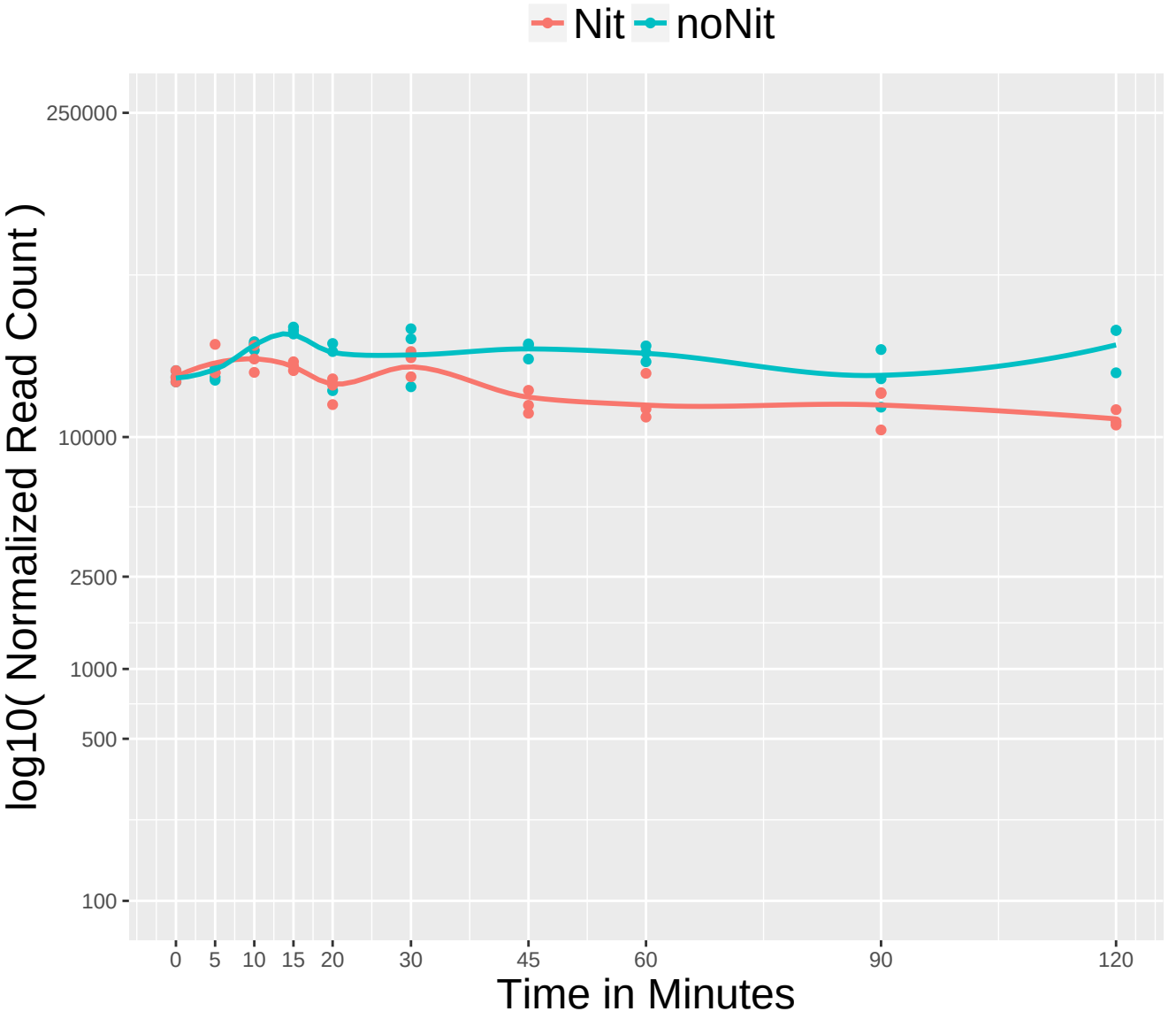
DJ−1e,,DJ1E,,YLS5



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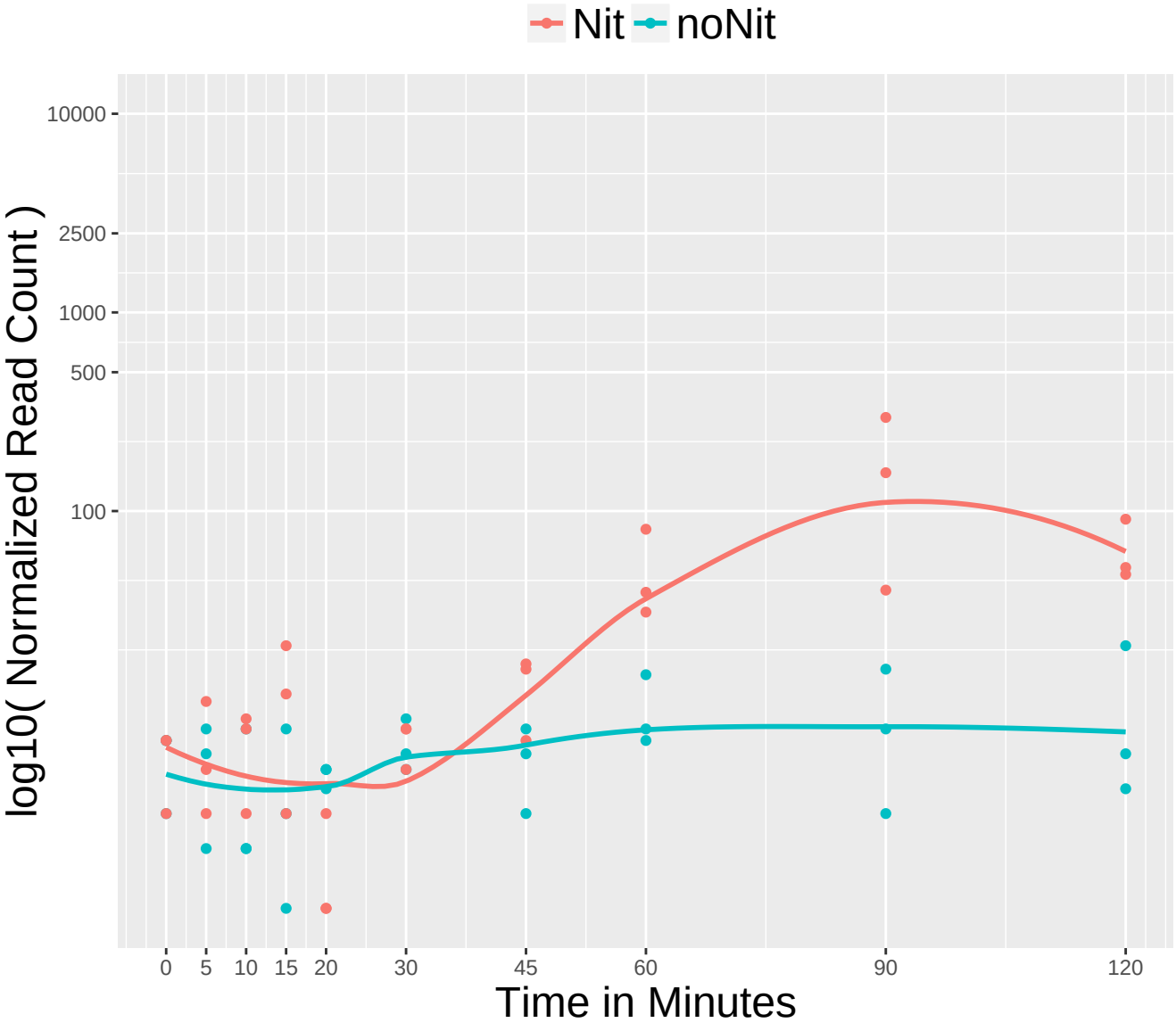

AT3G14570

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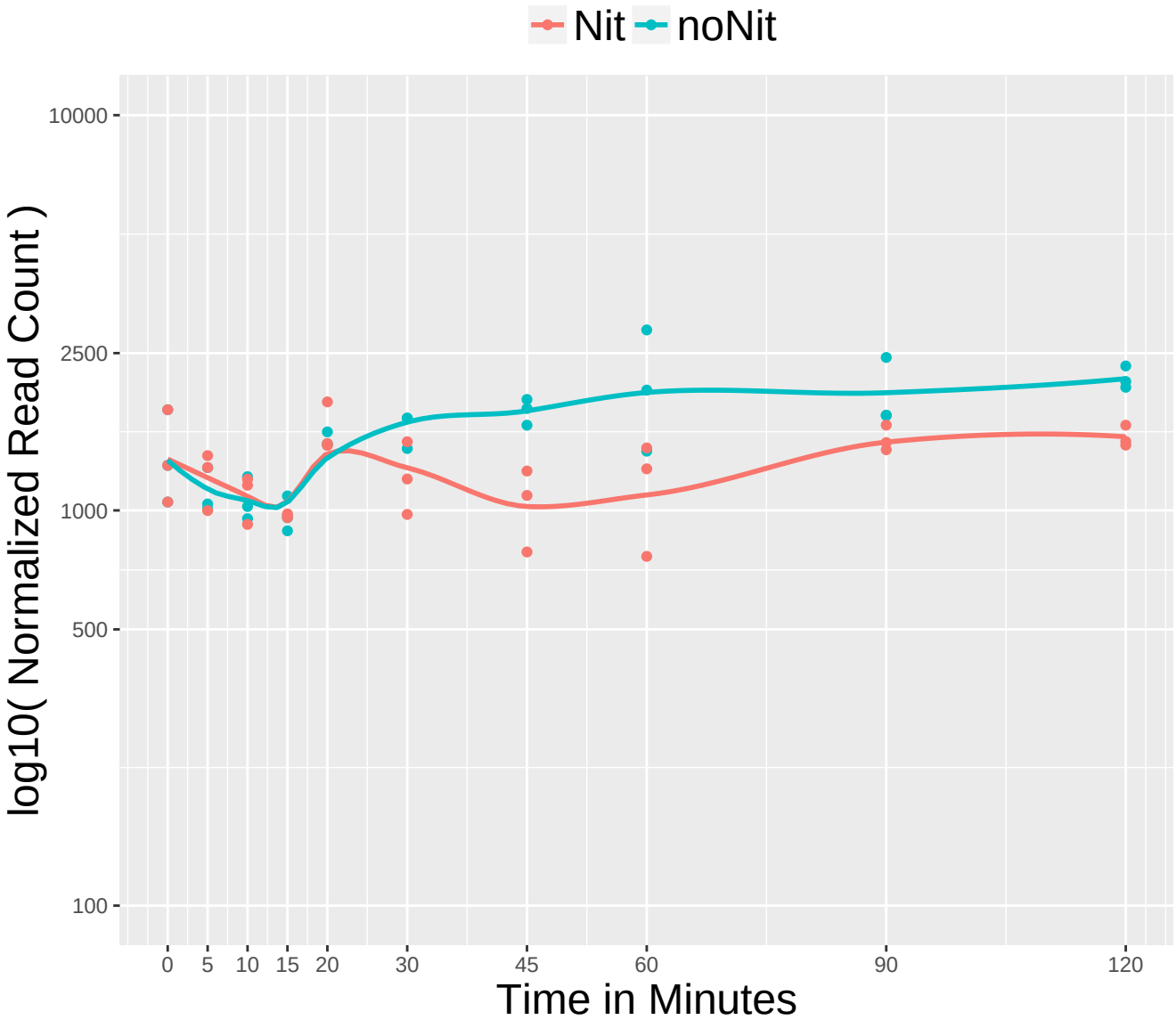

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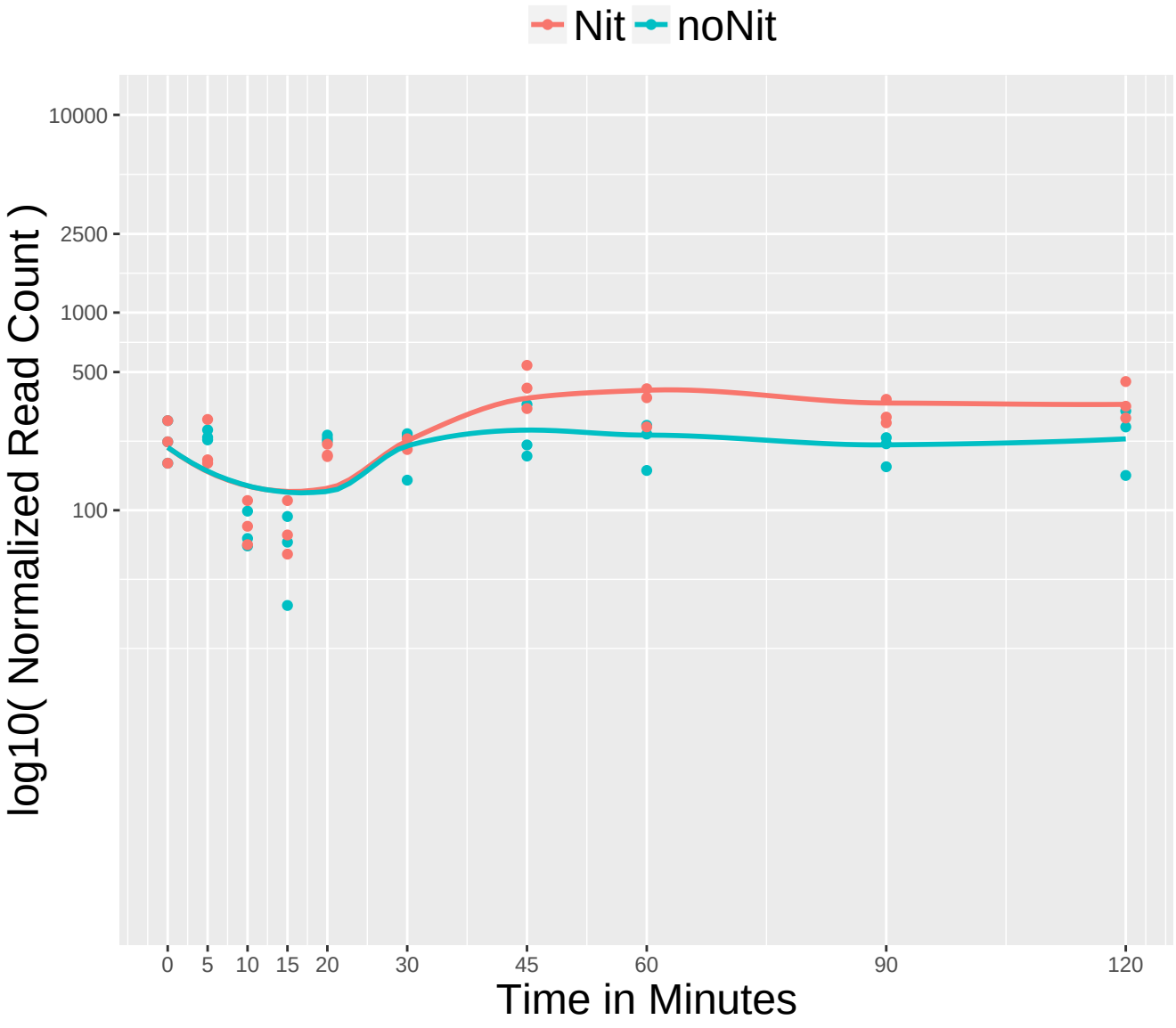
Cysteine/Histidine−rich



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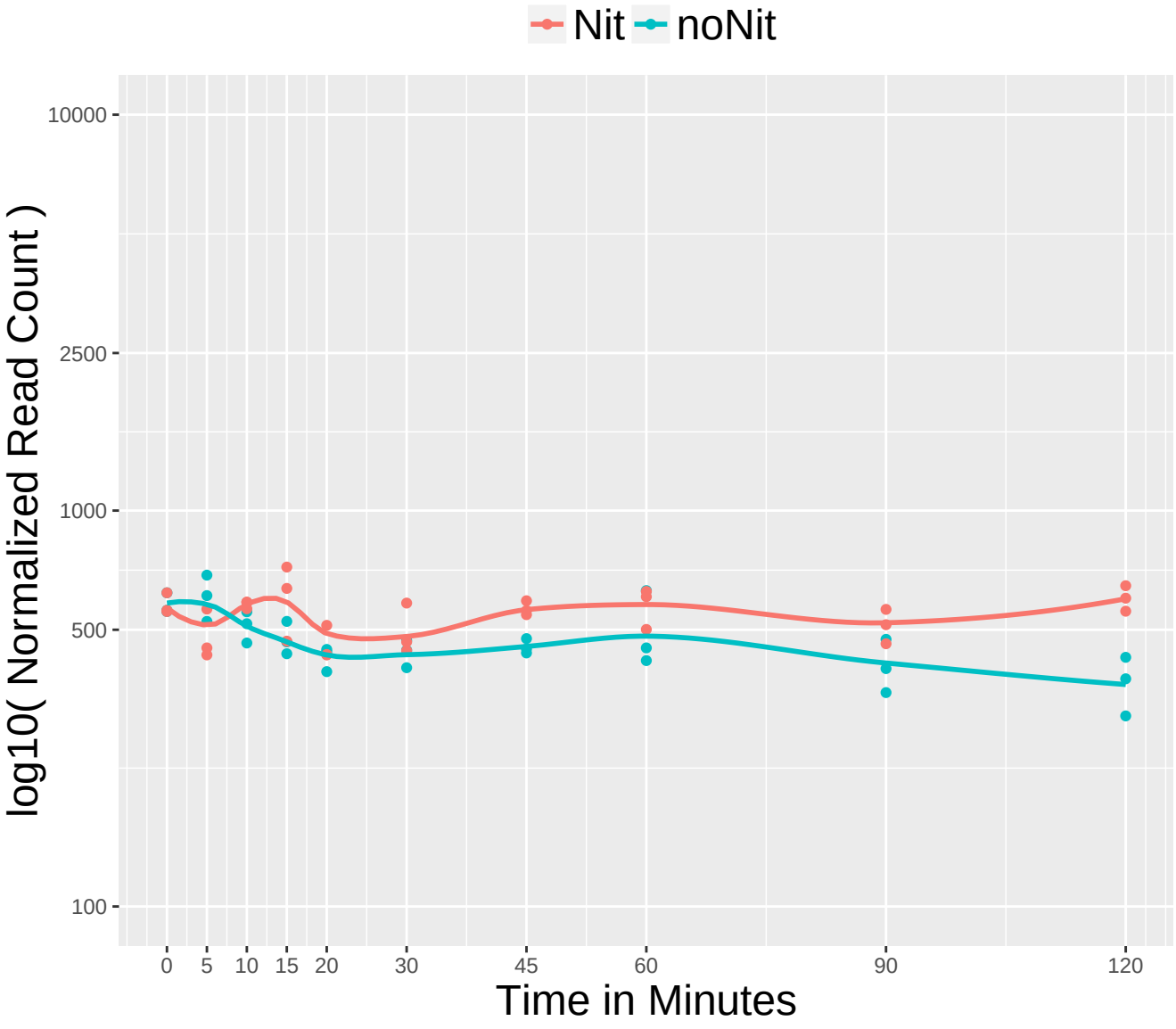
Pentatricopeptide



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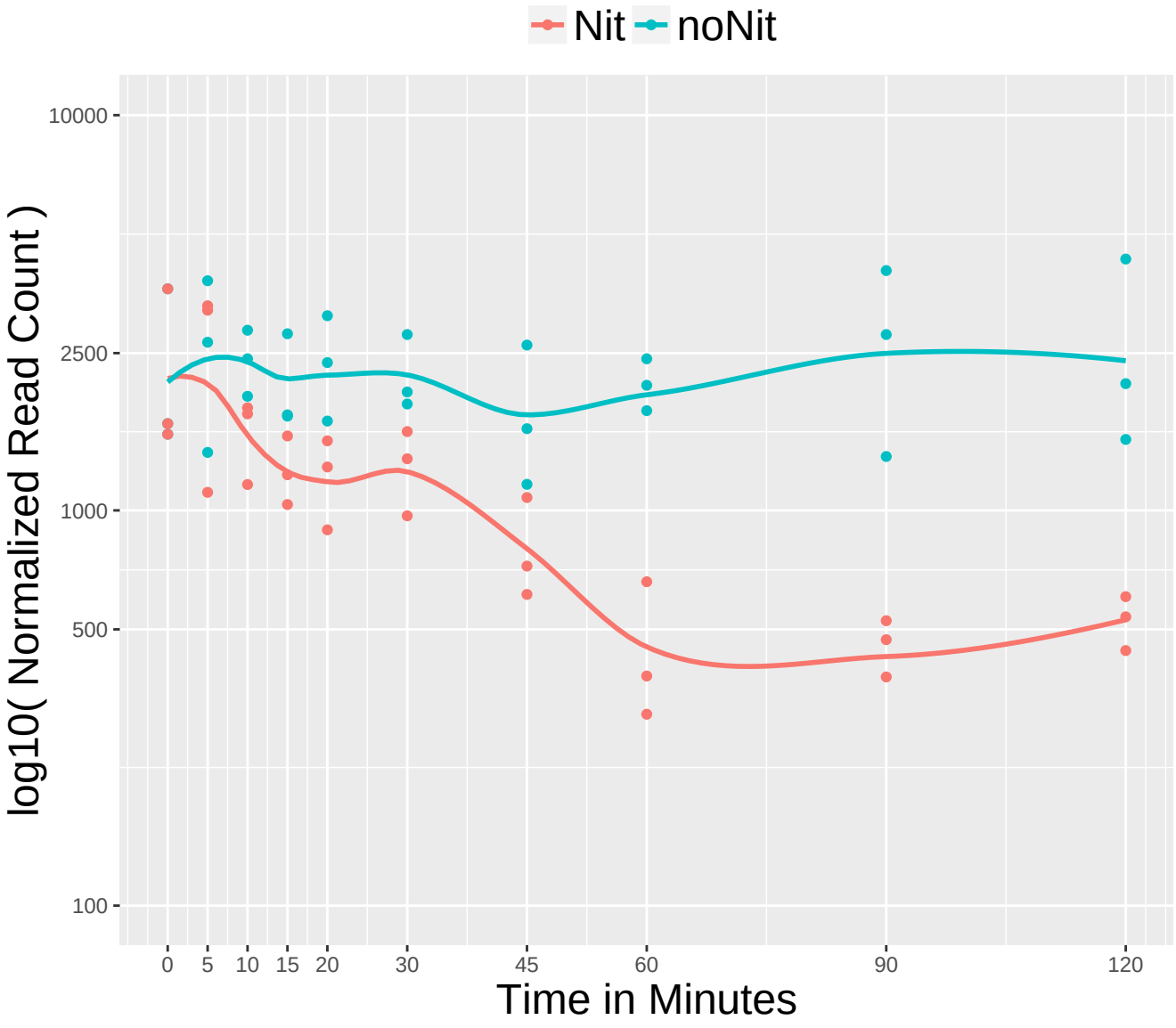
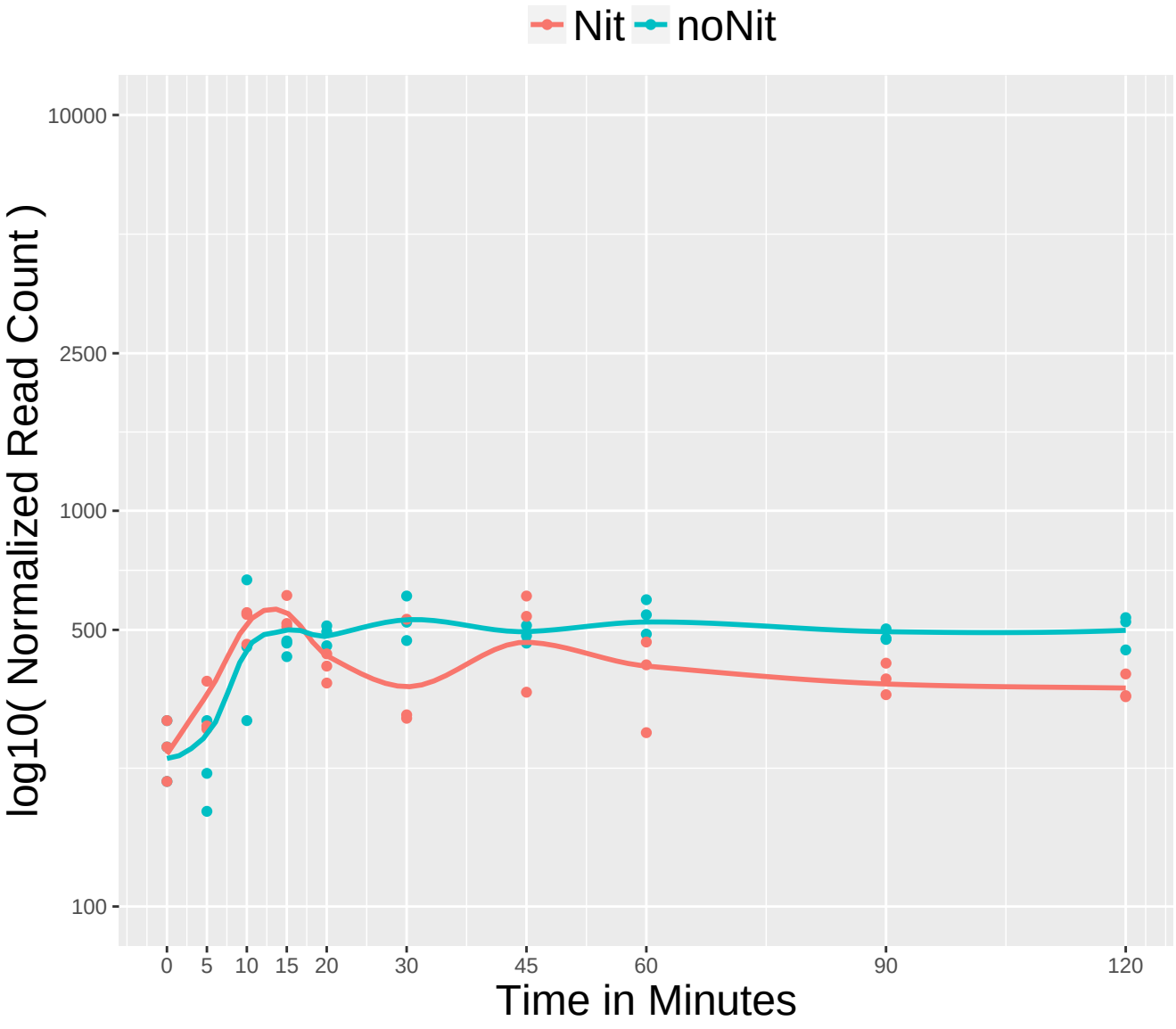


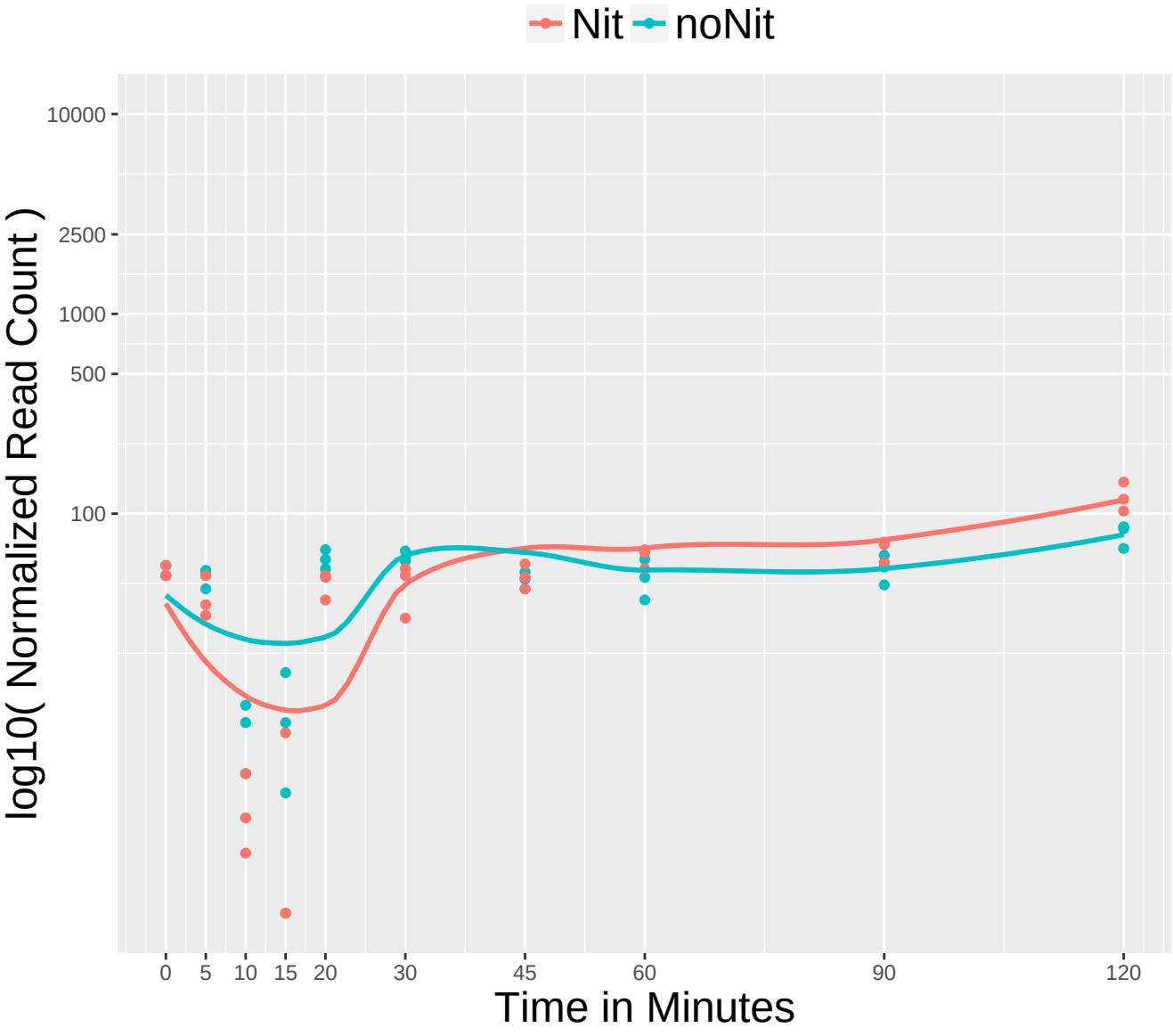
AT4G01240

S−adenosyl−L−methionine−dependent



AT4G14103

F−box/RNI−like



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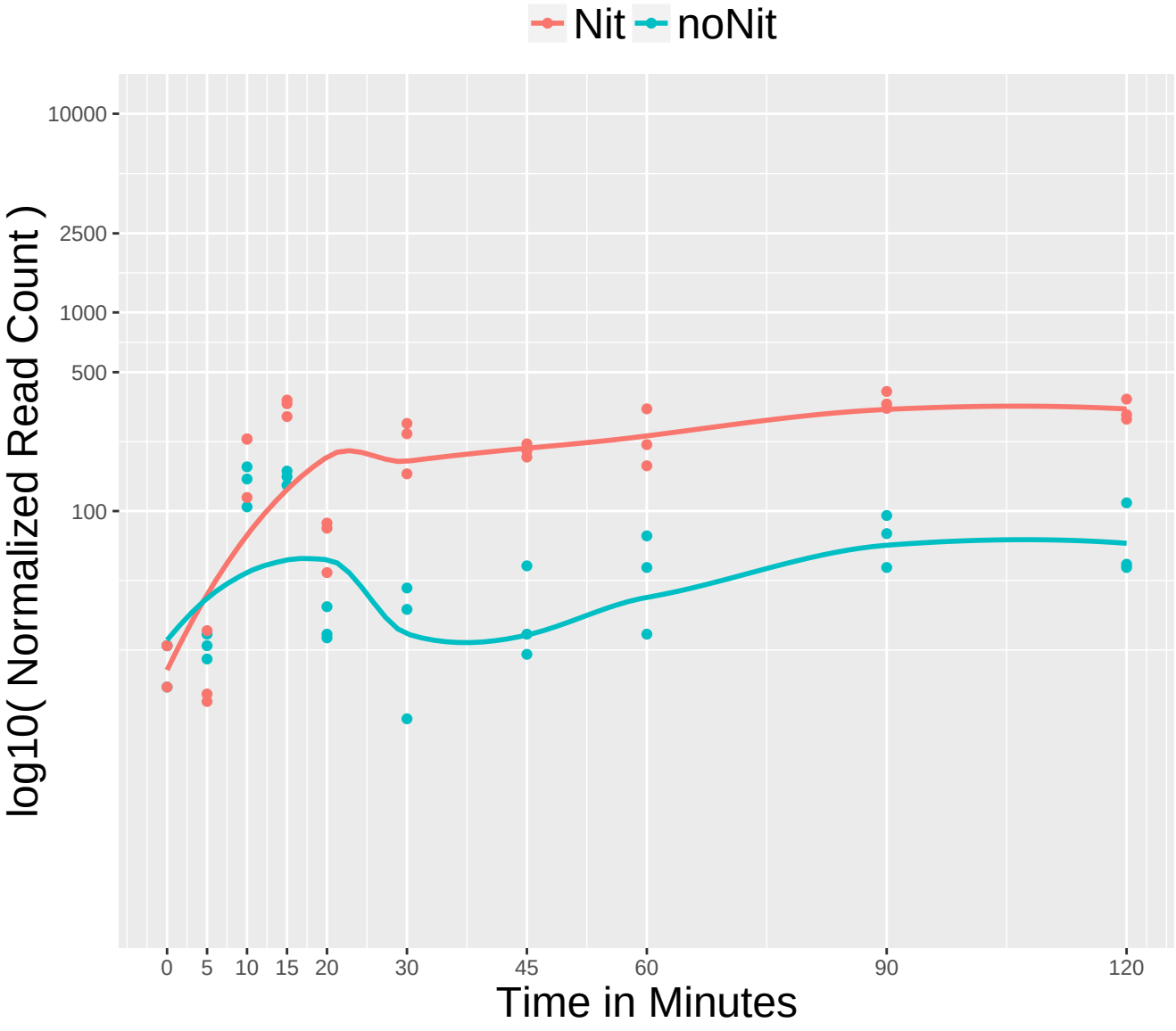
CBSX5,CBS



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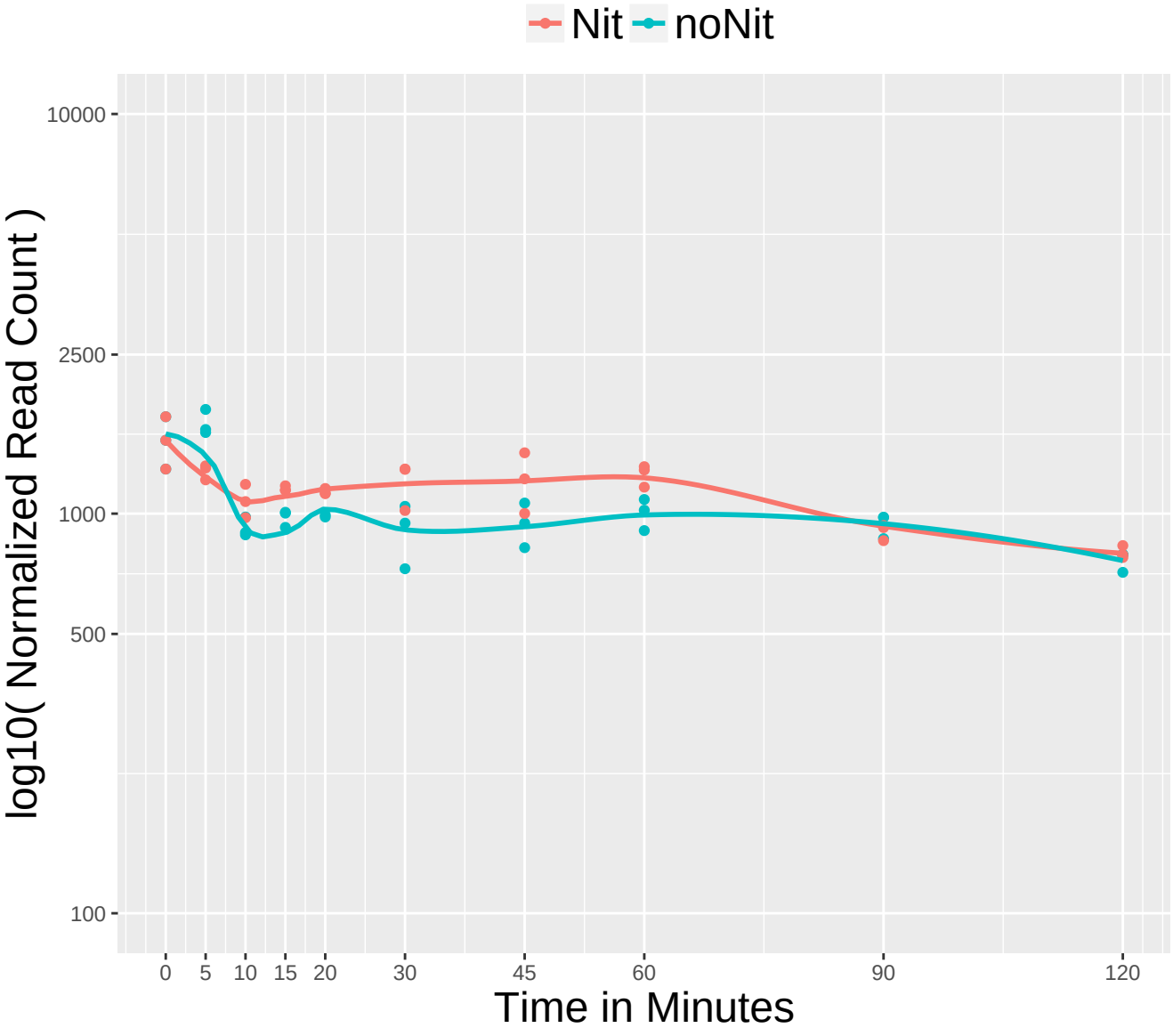
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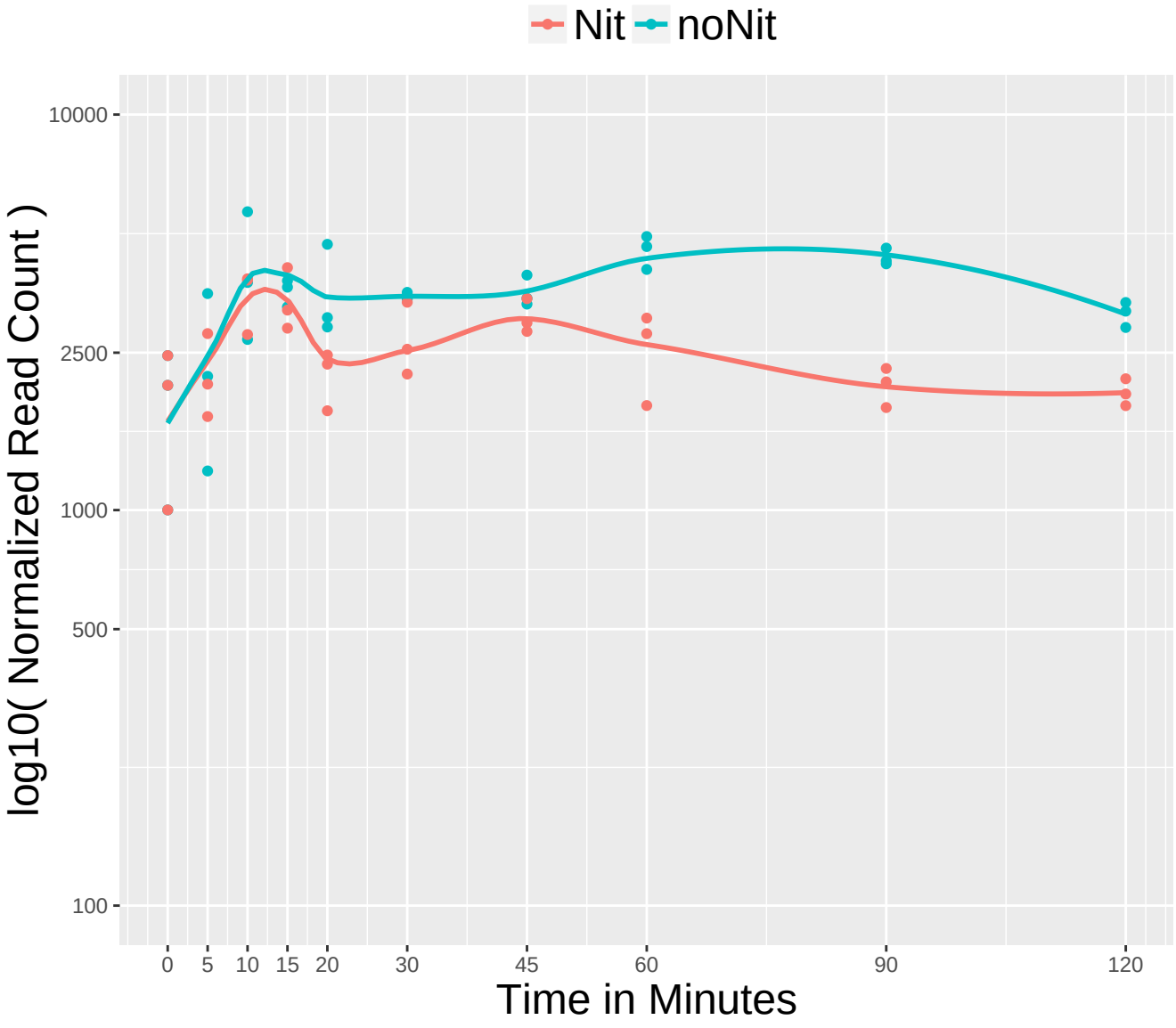
ATEXP9,,ATEXPA9,expansin



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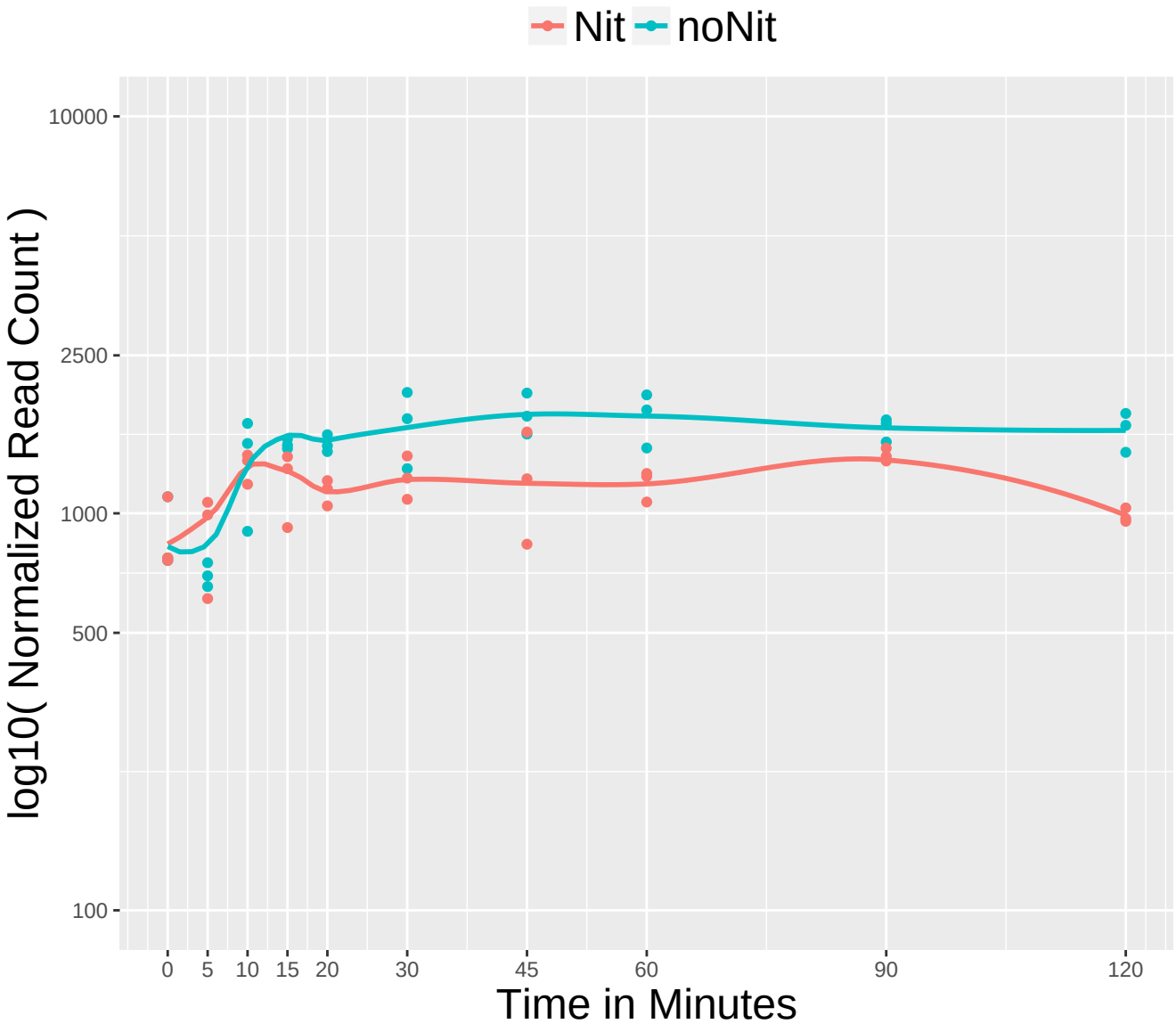

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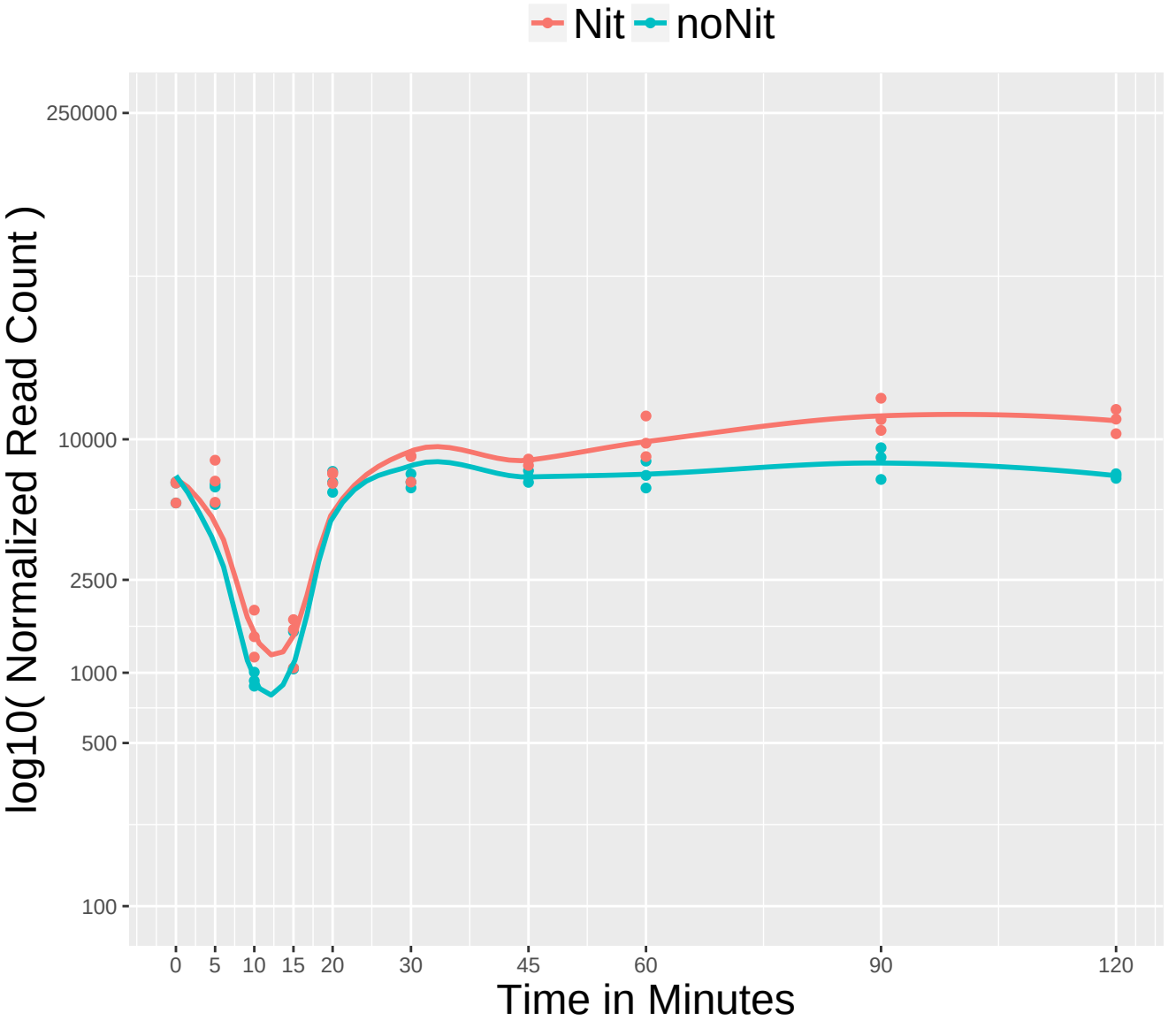

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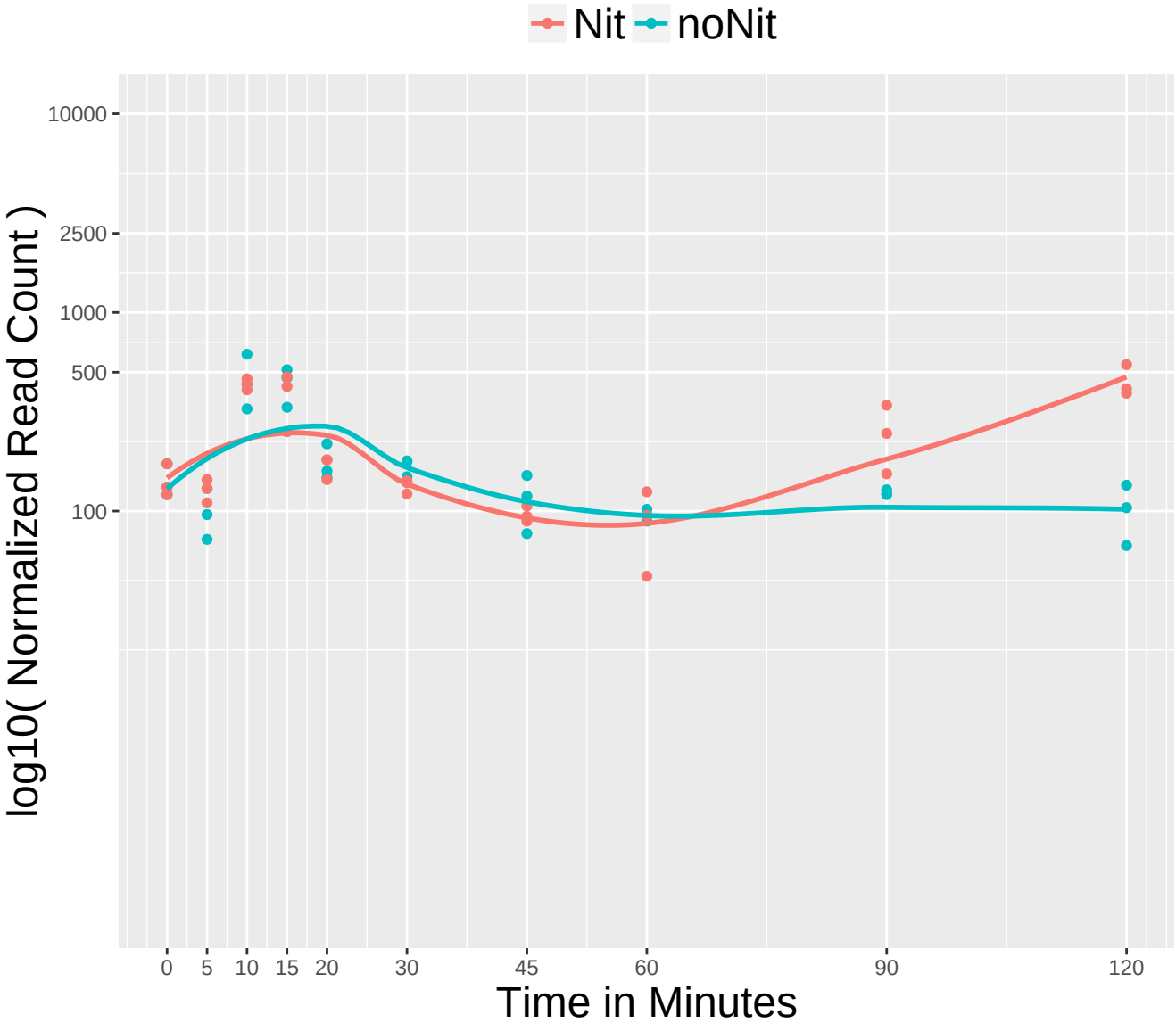

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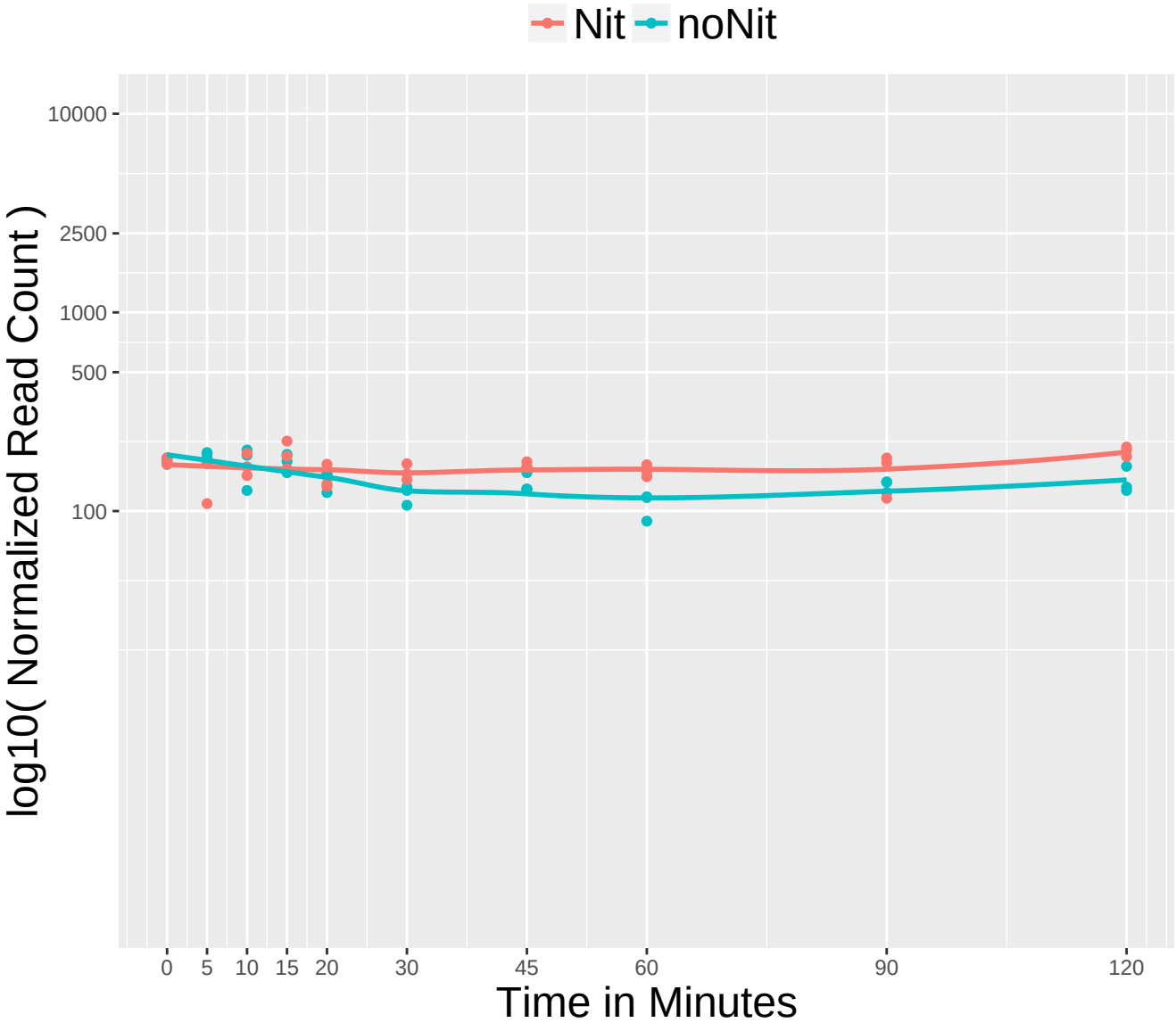

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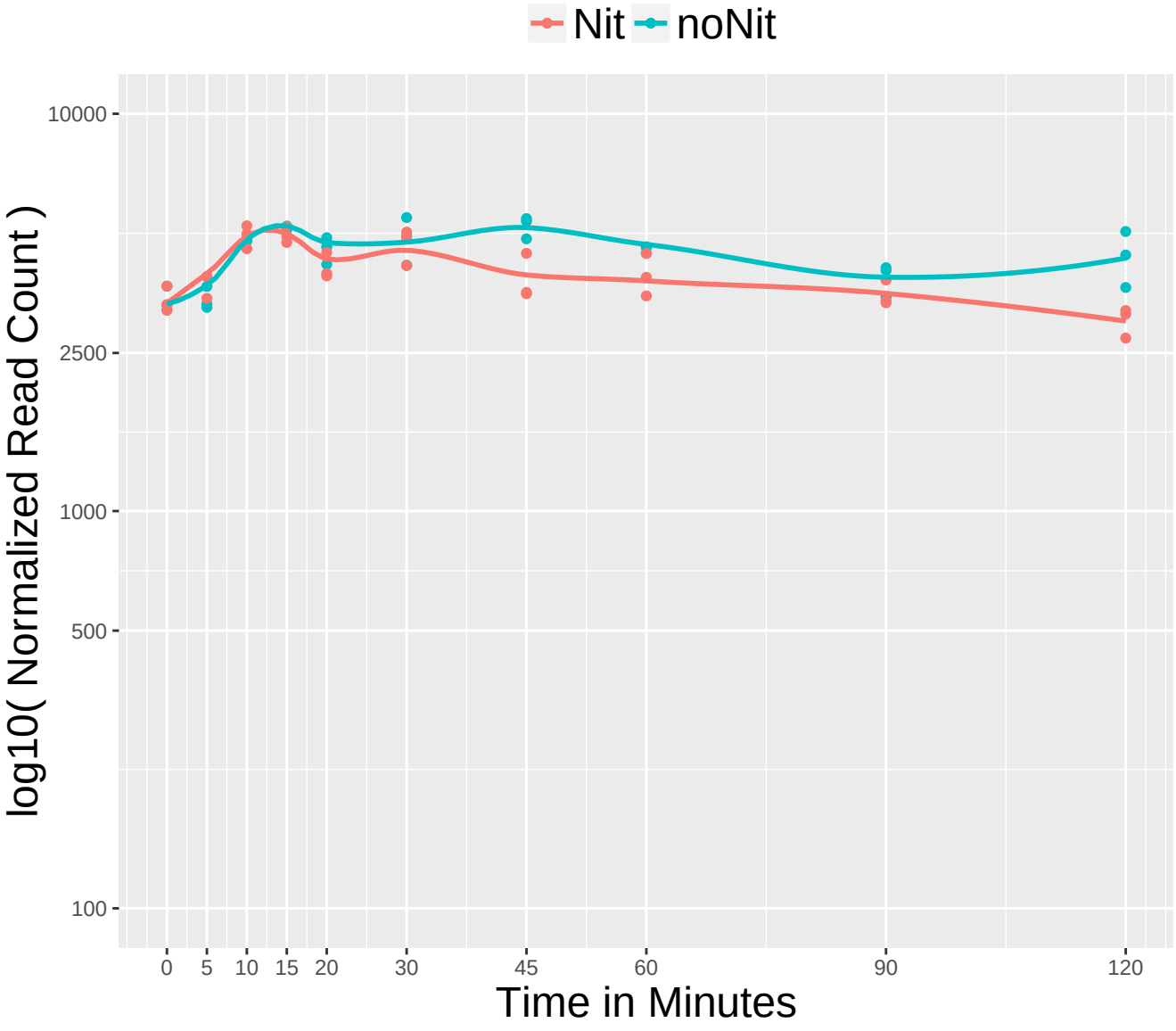

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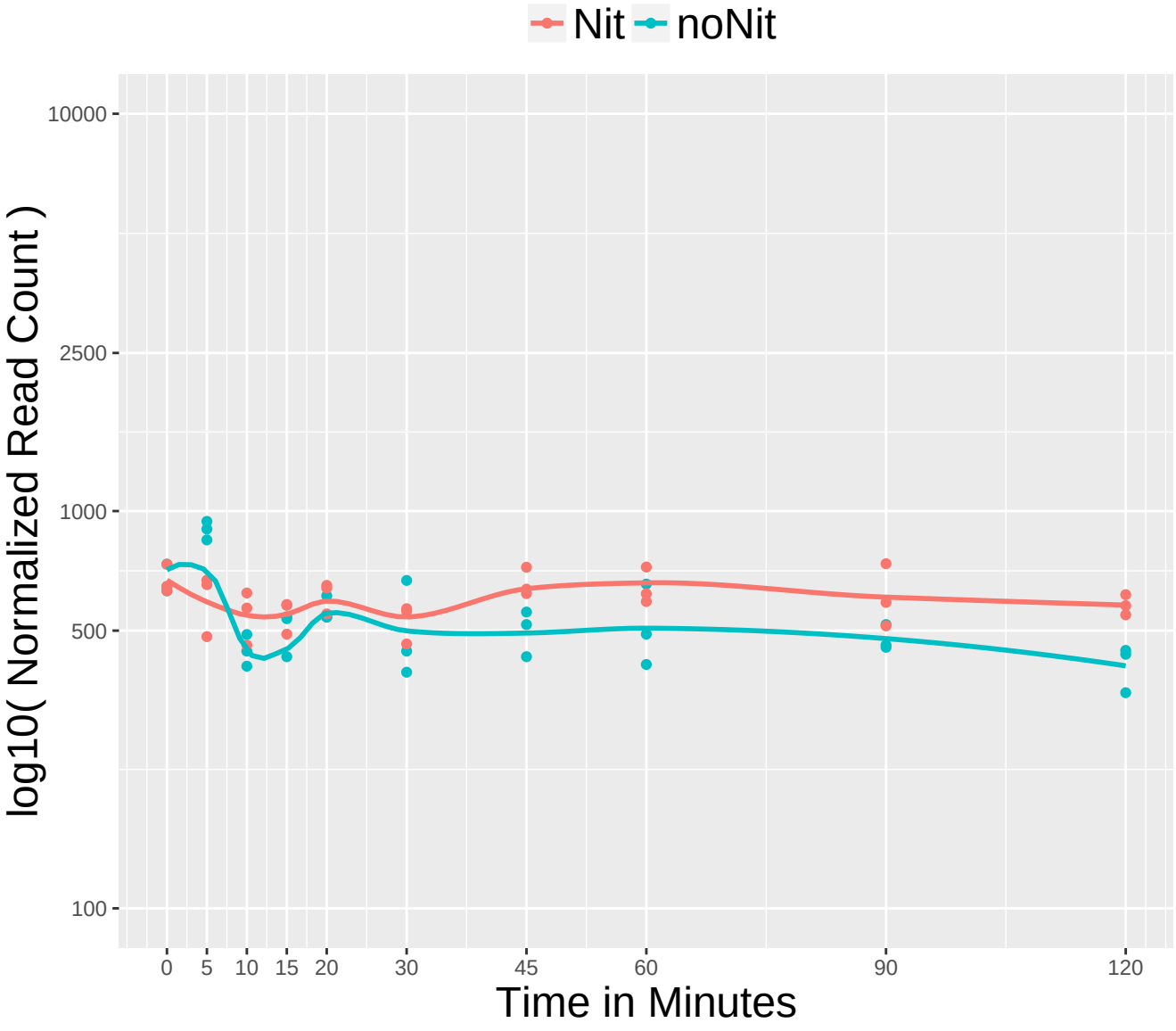
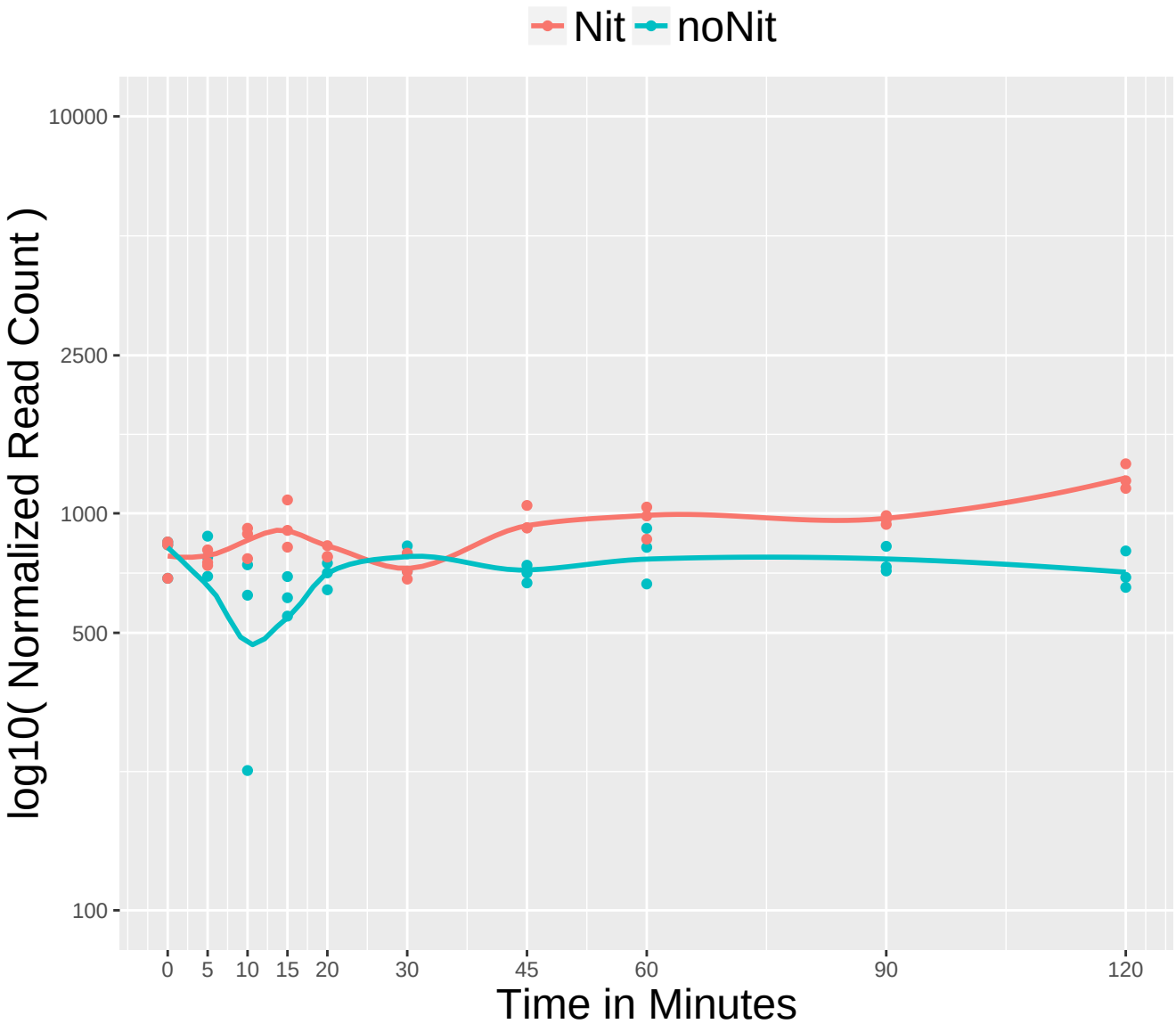


AT2G34260

WDR55,human



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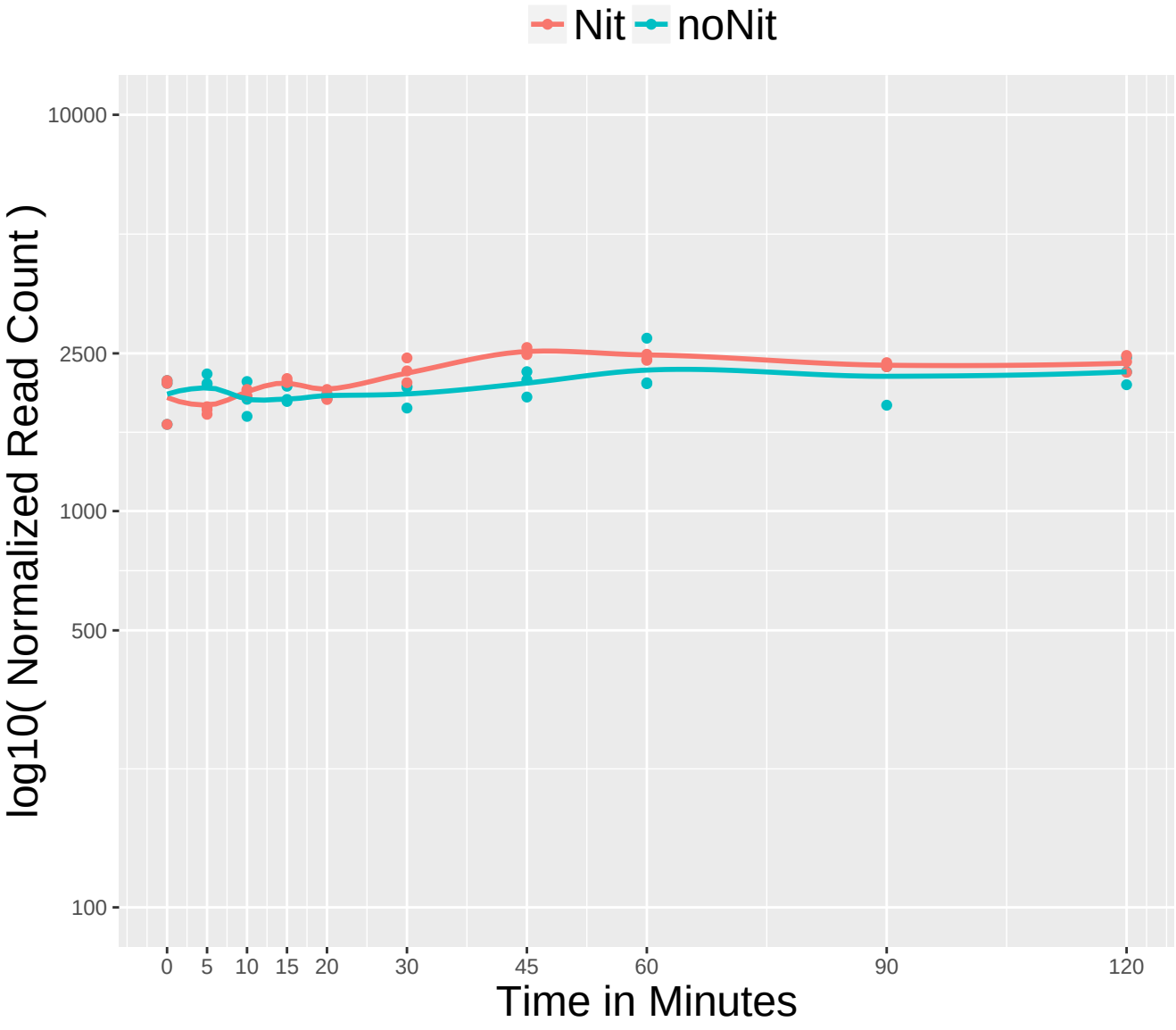

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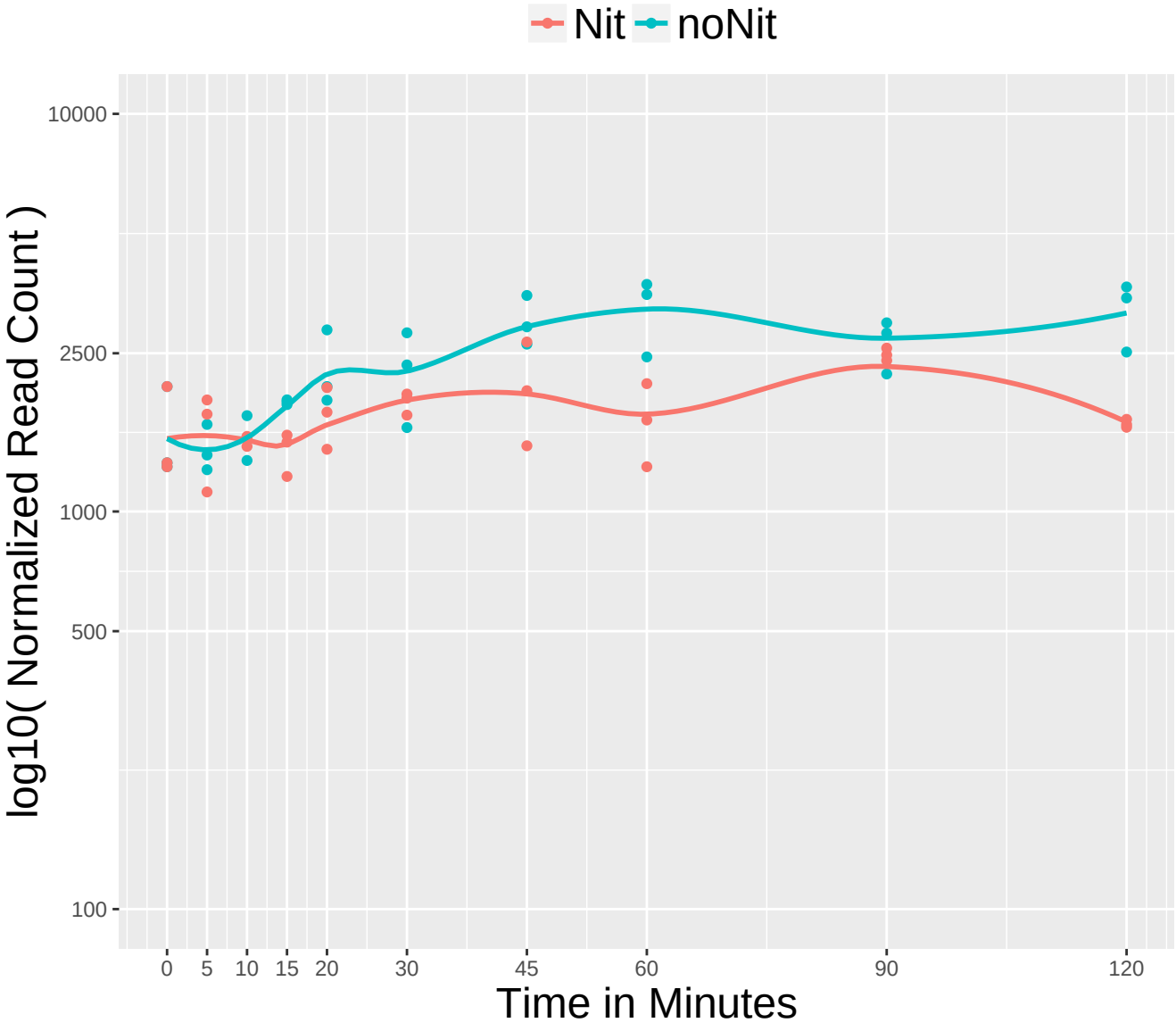

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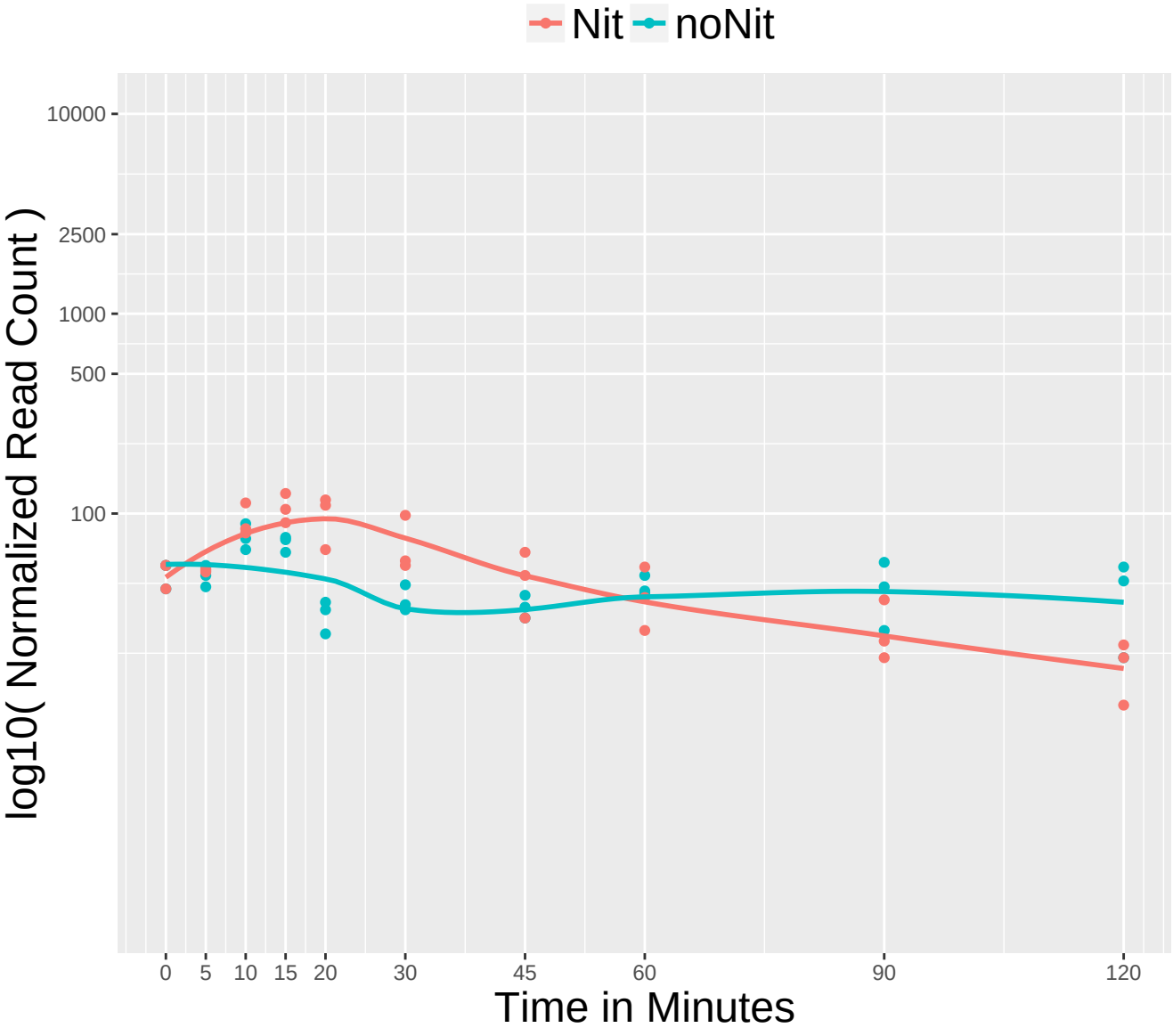

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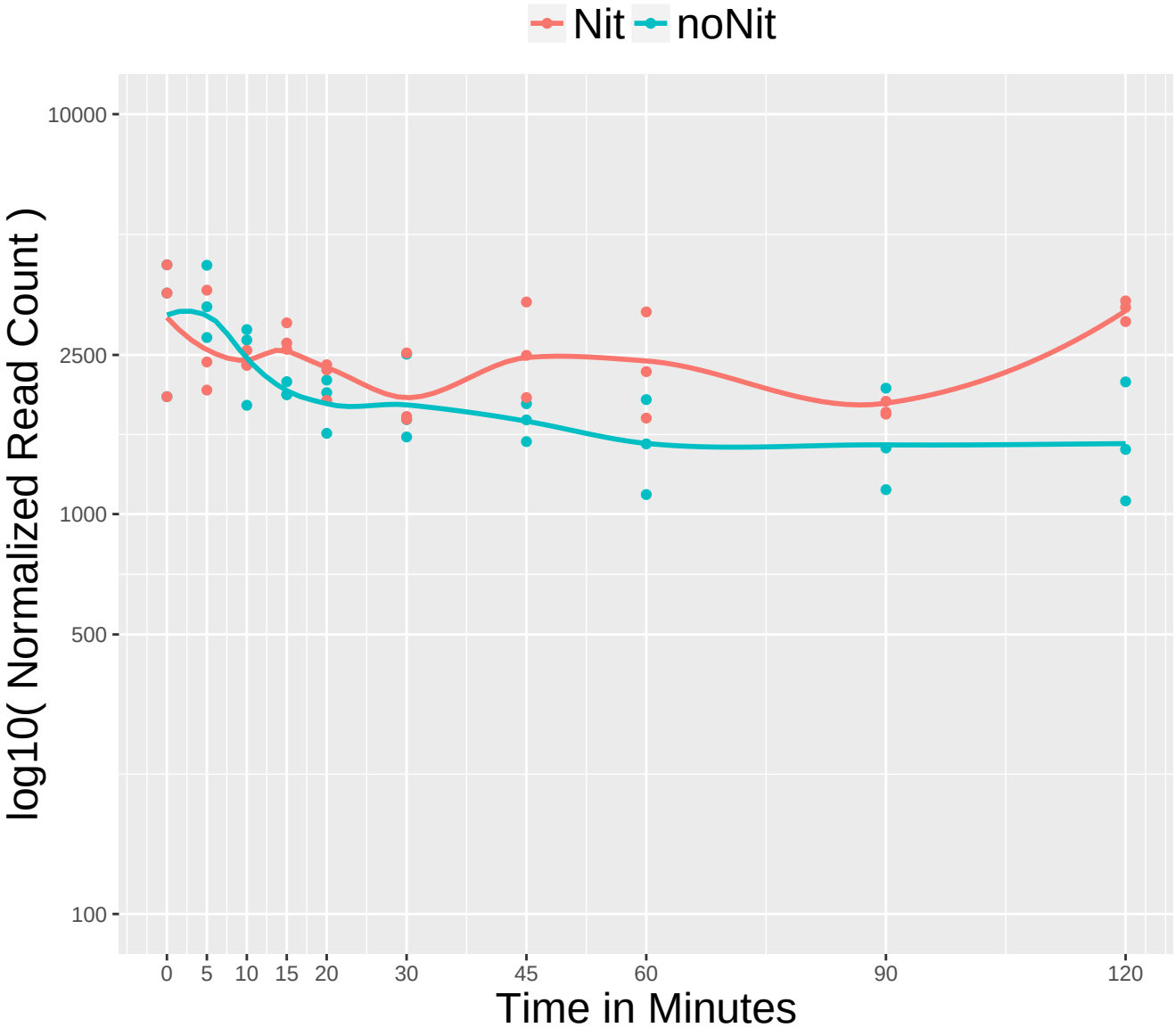

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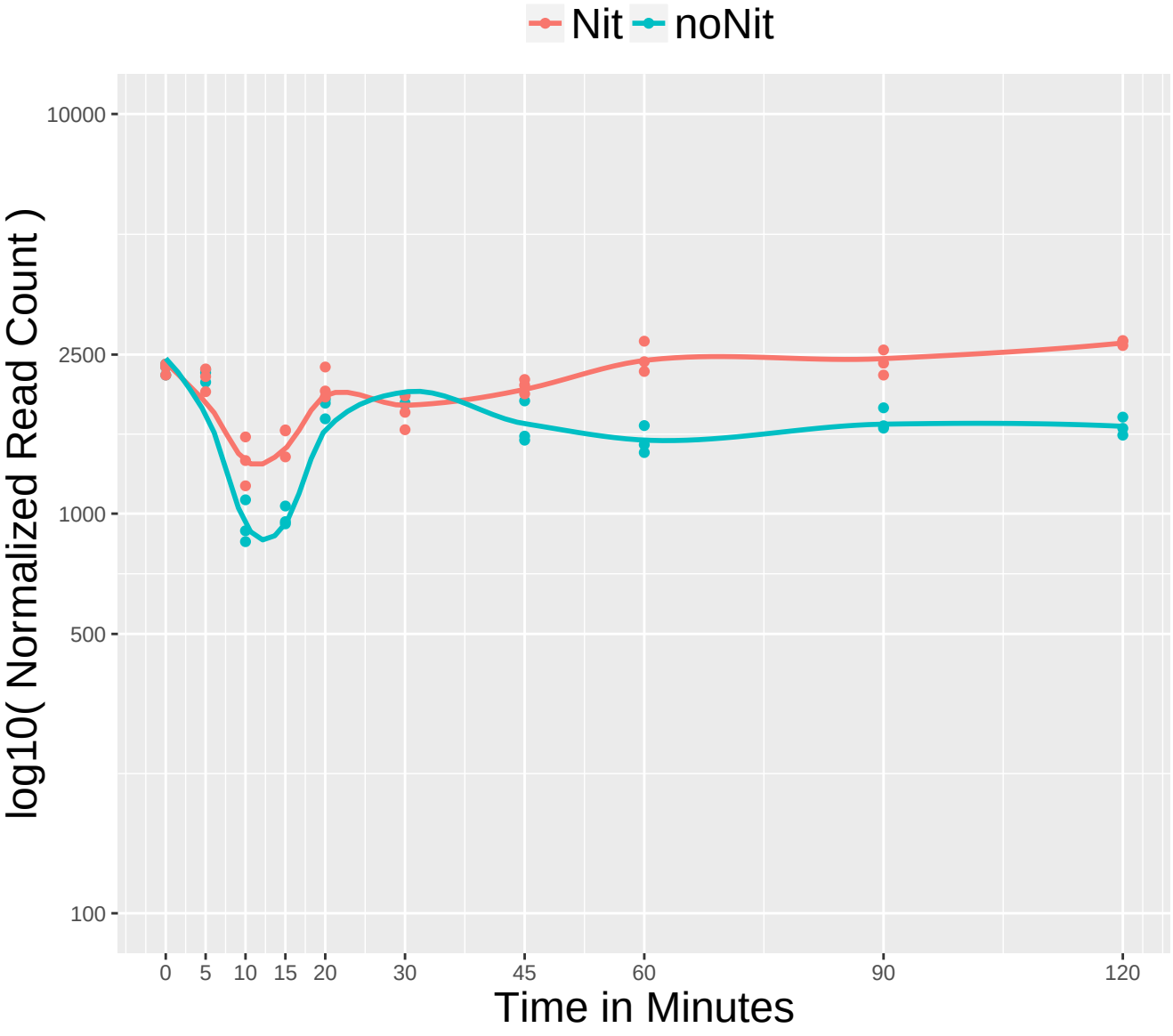
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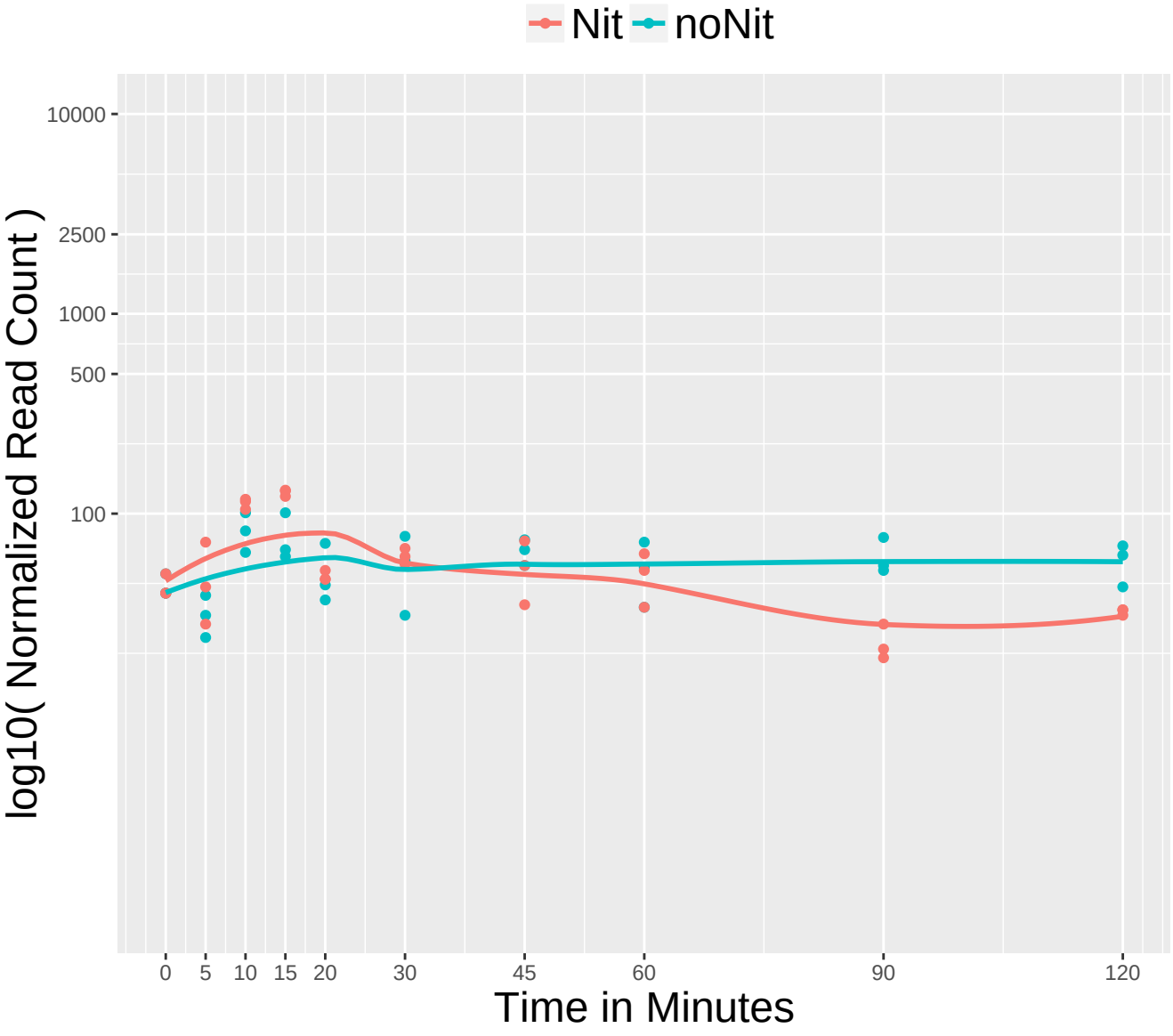
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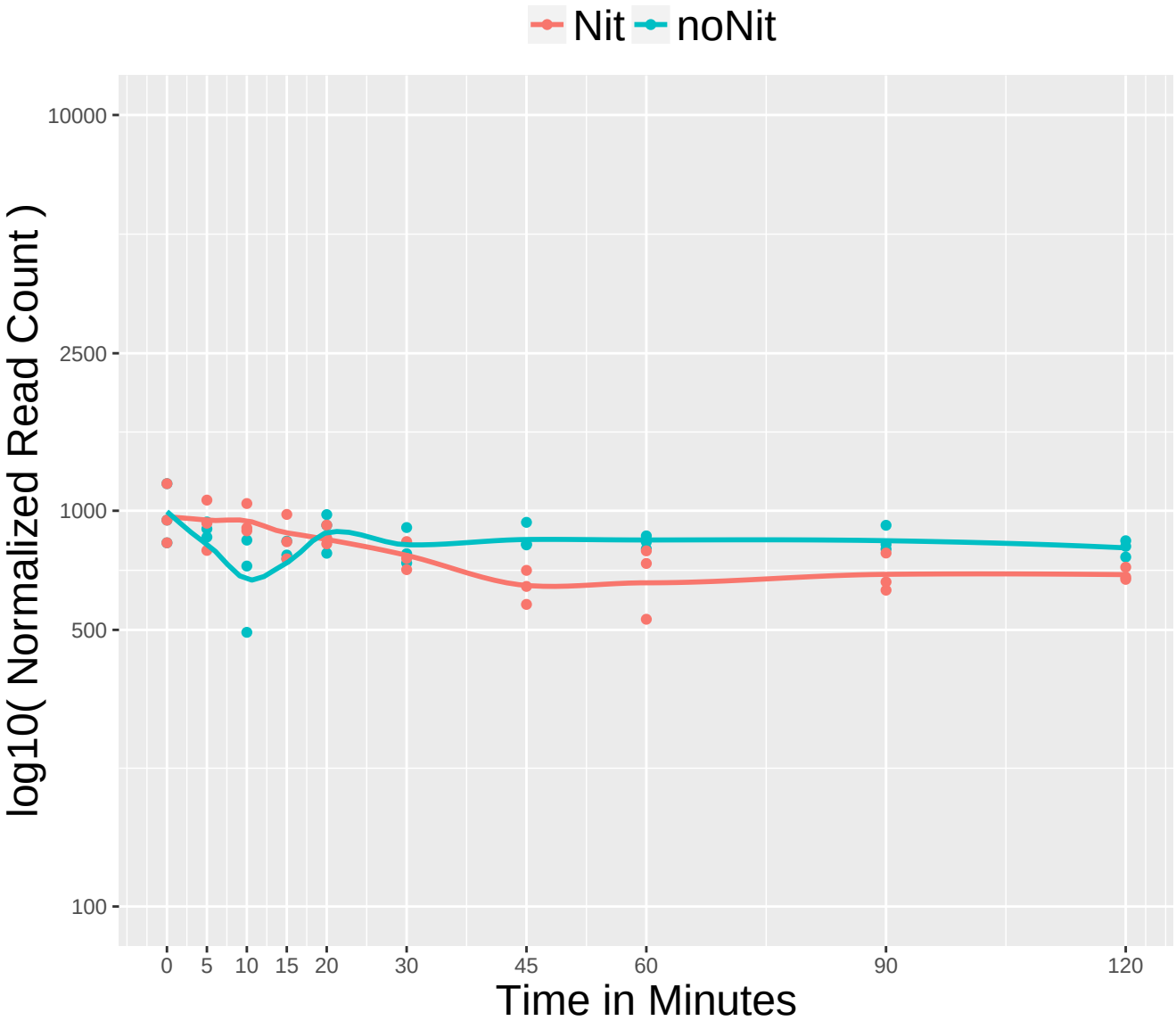
AT4G00500

alpha/beta−Hydrolases



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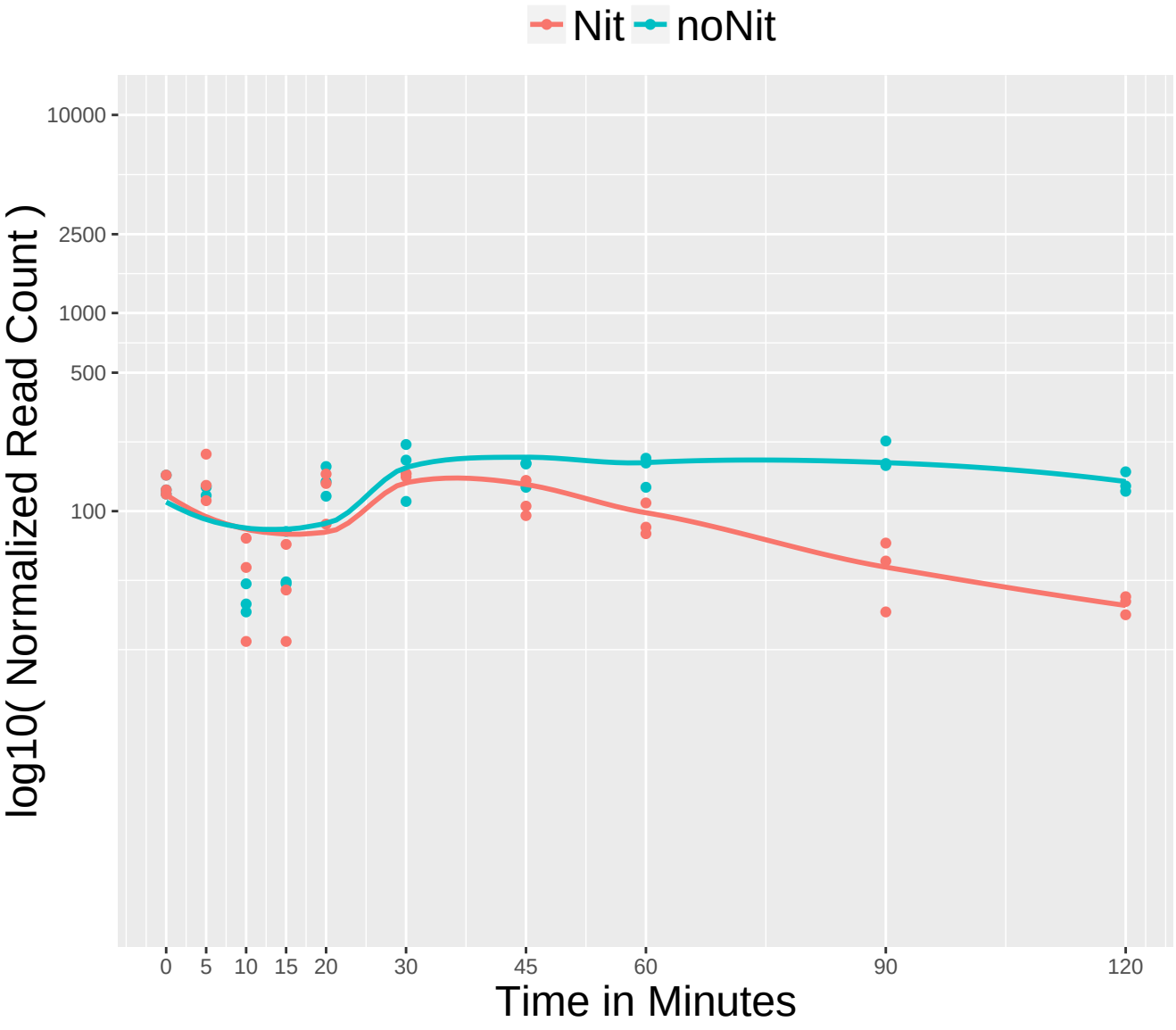

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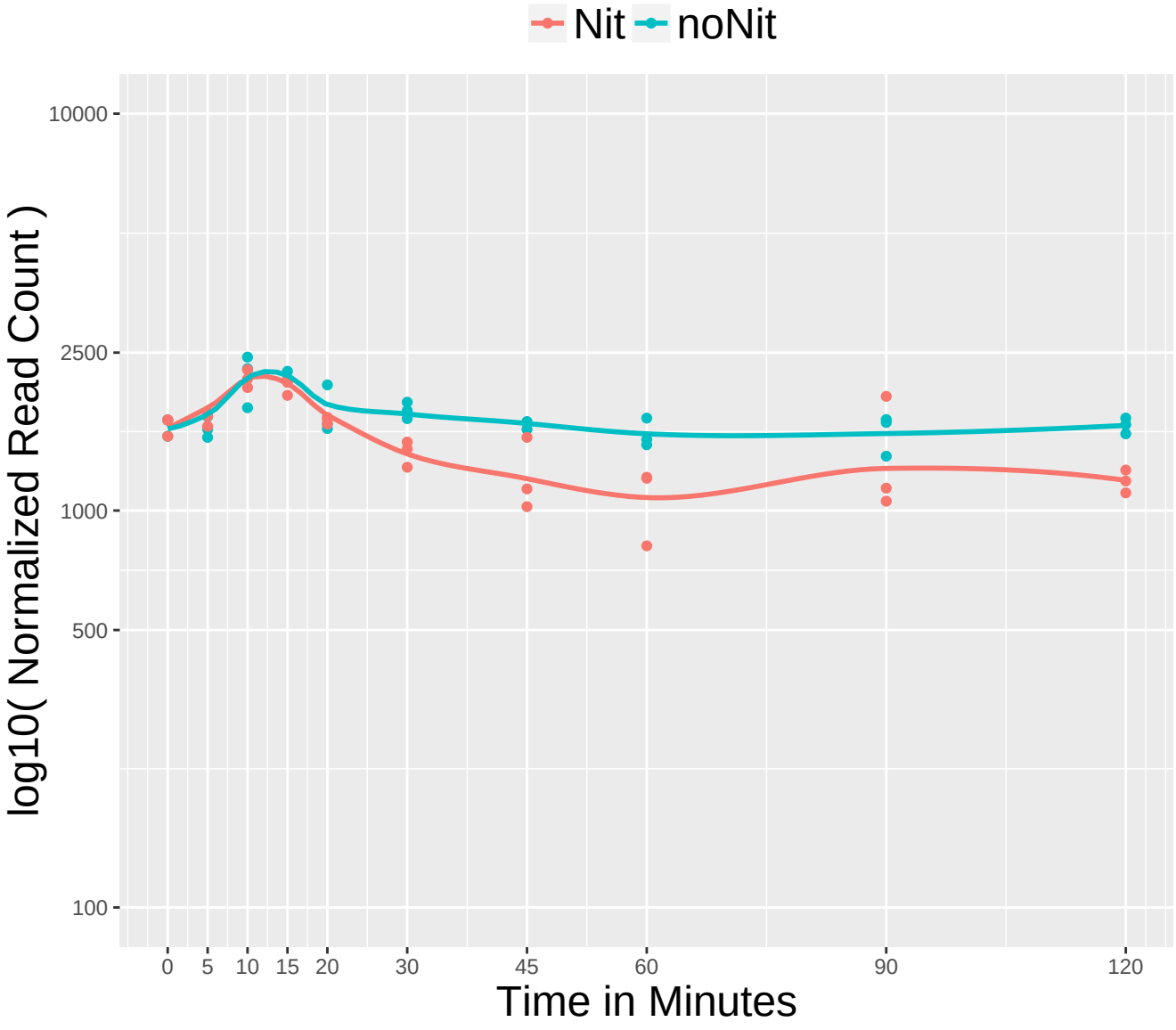

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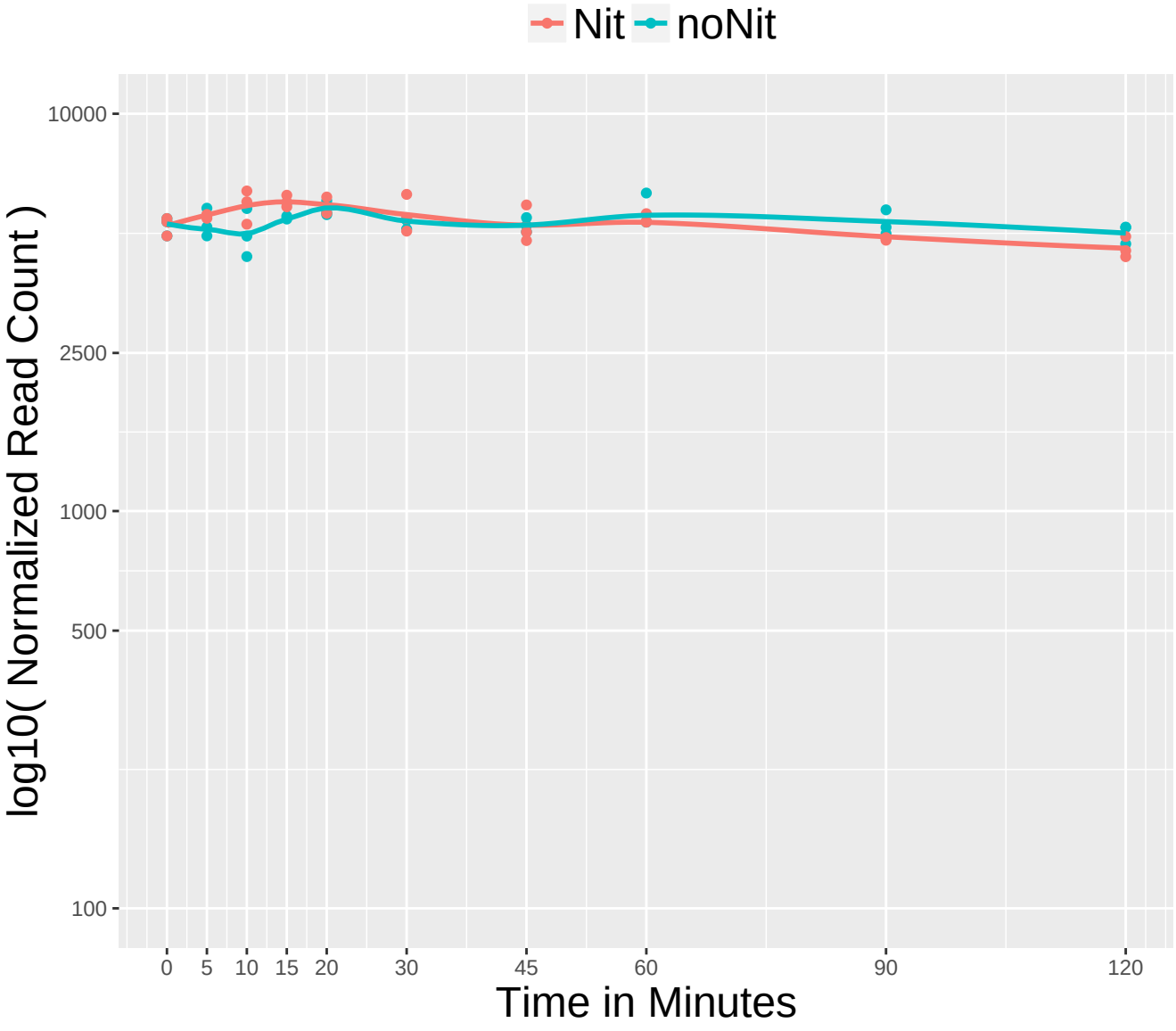

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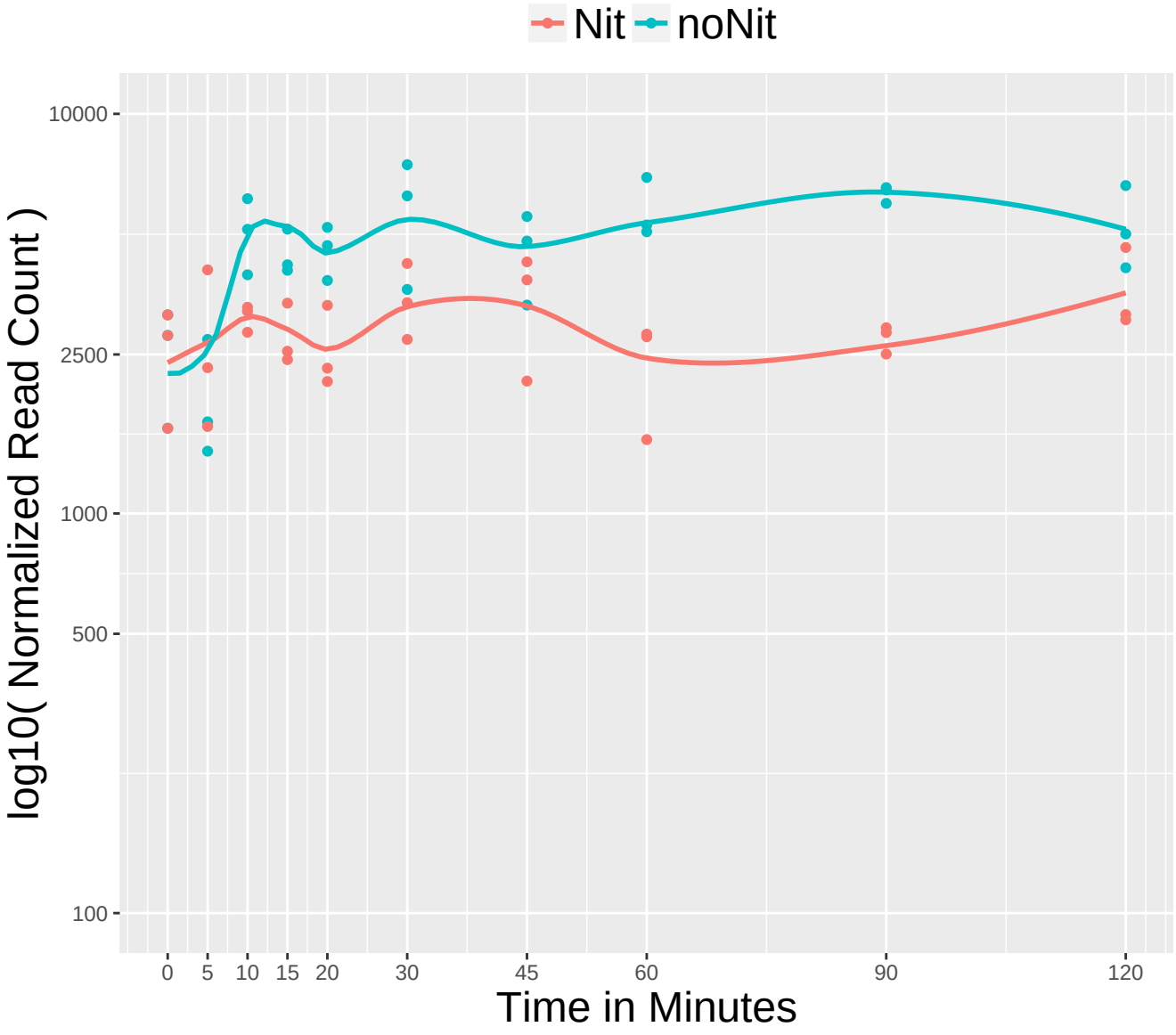

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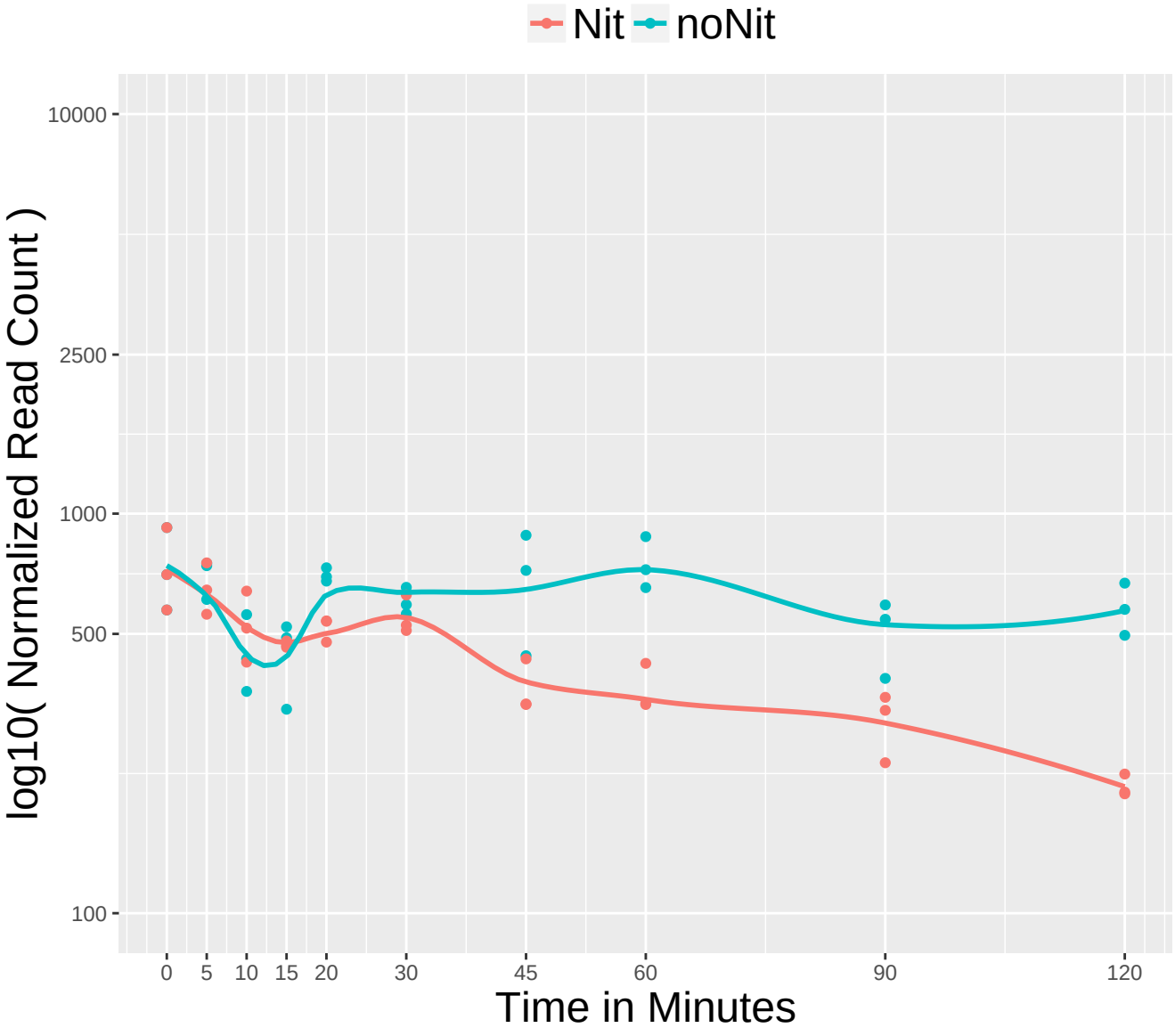

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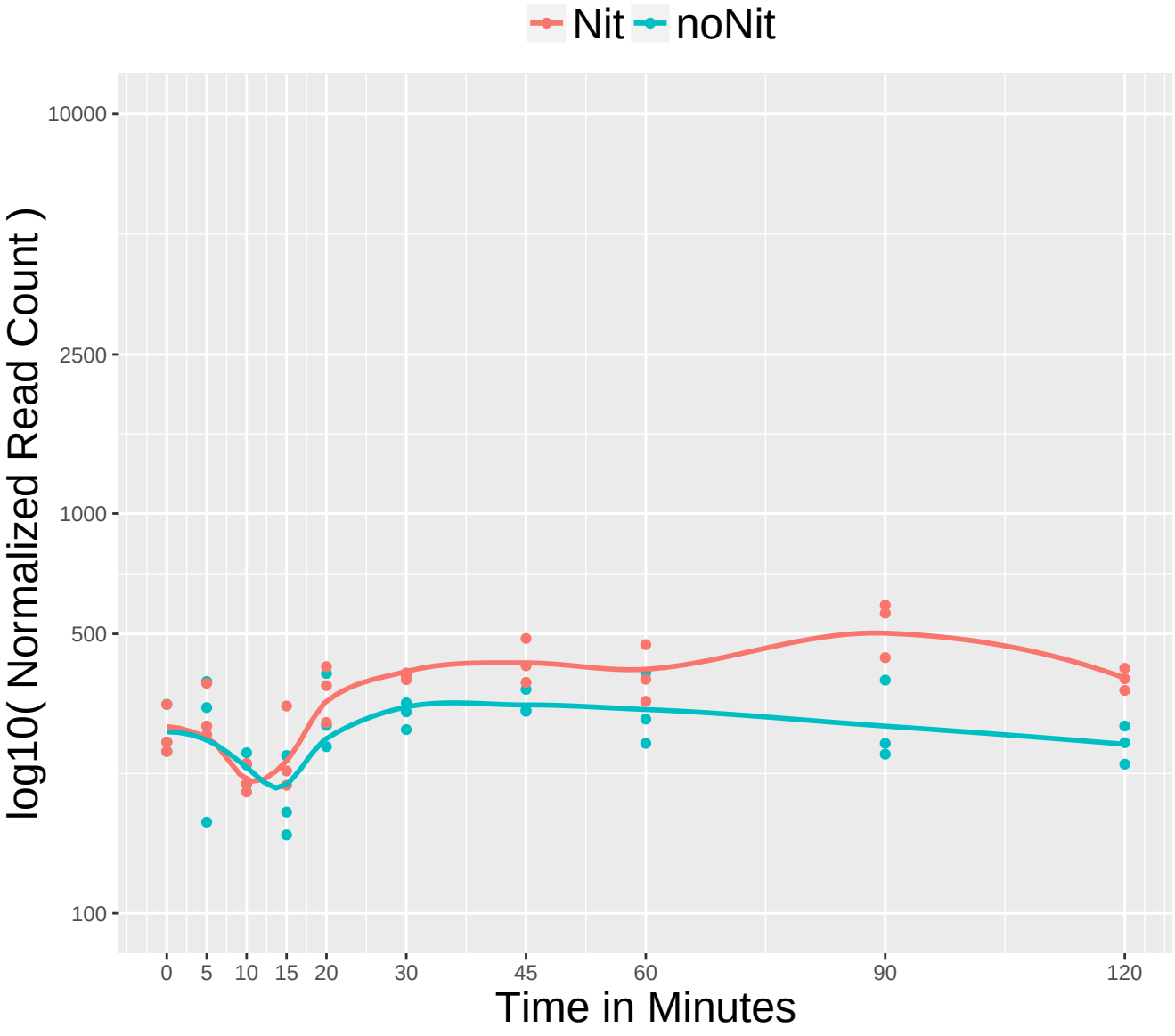

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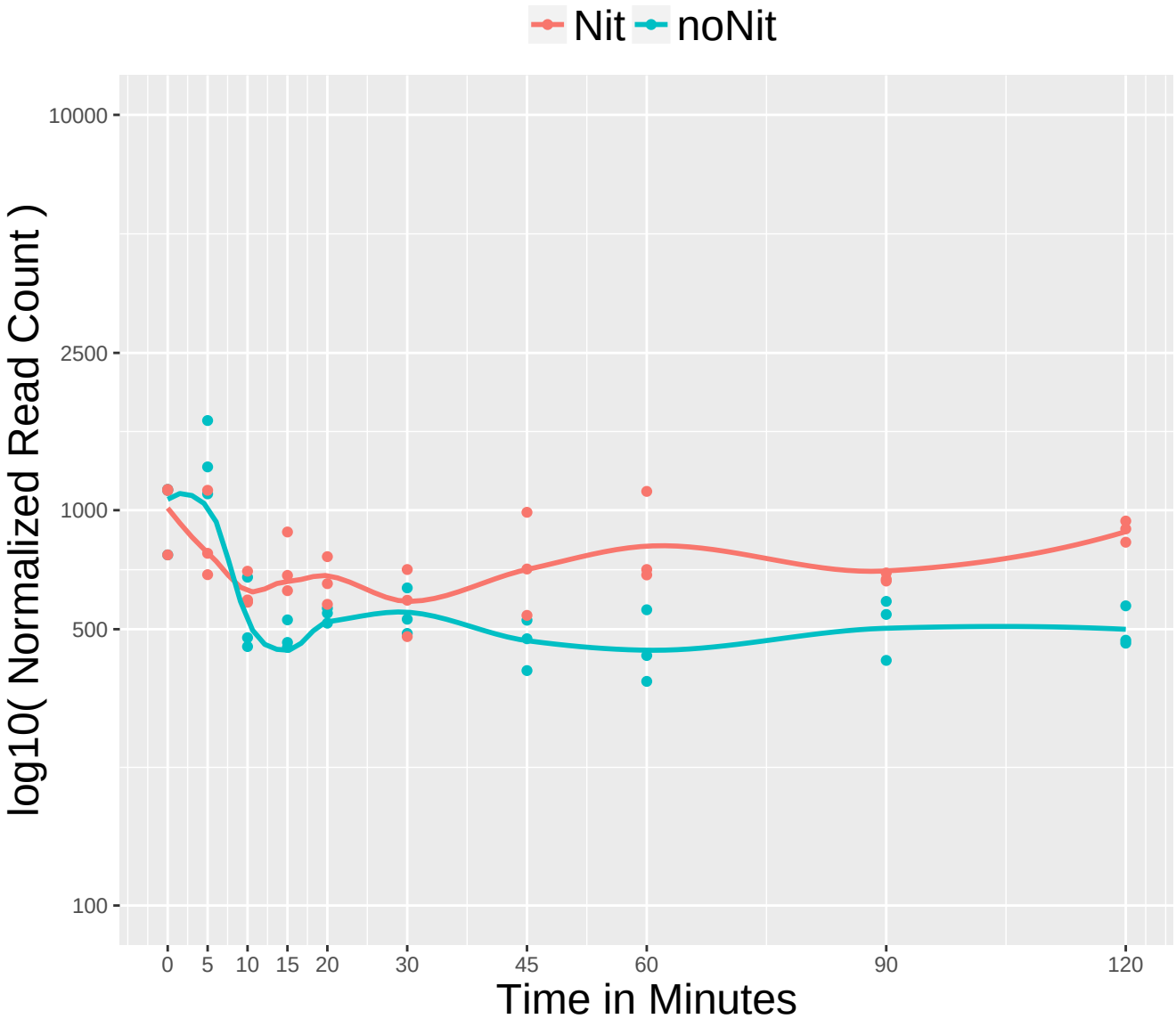
S−adenosyl−L−methionine−dependent



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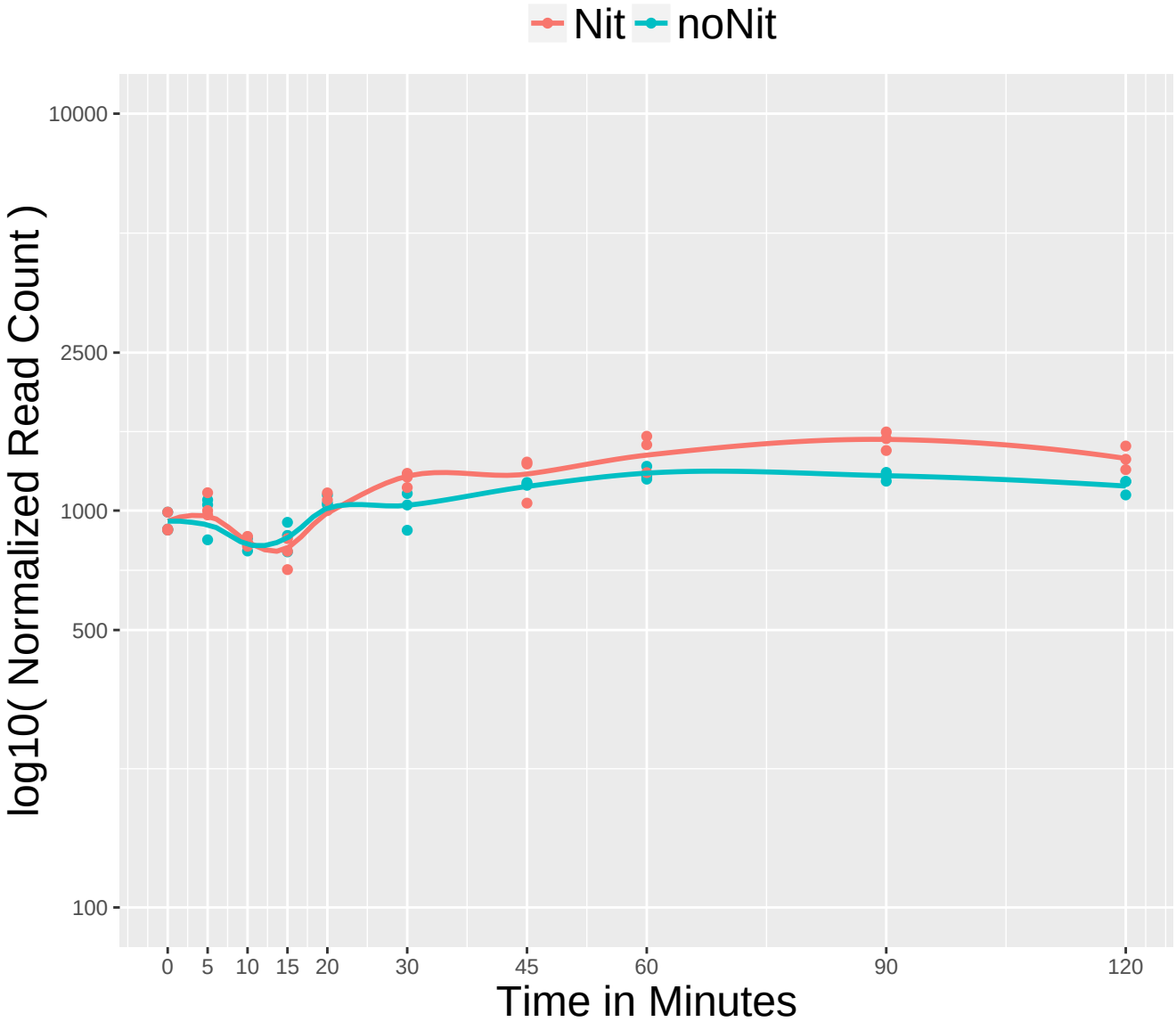
CIPK10,CBL−INTERACTING



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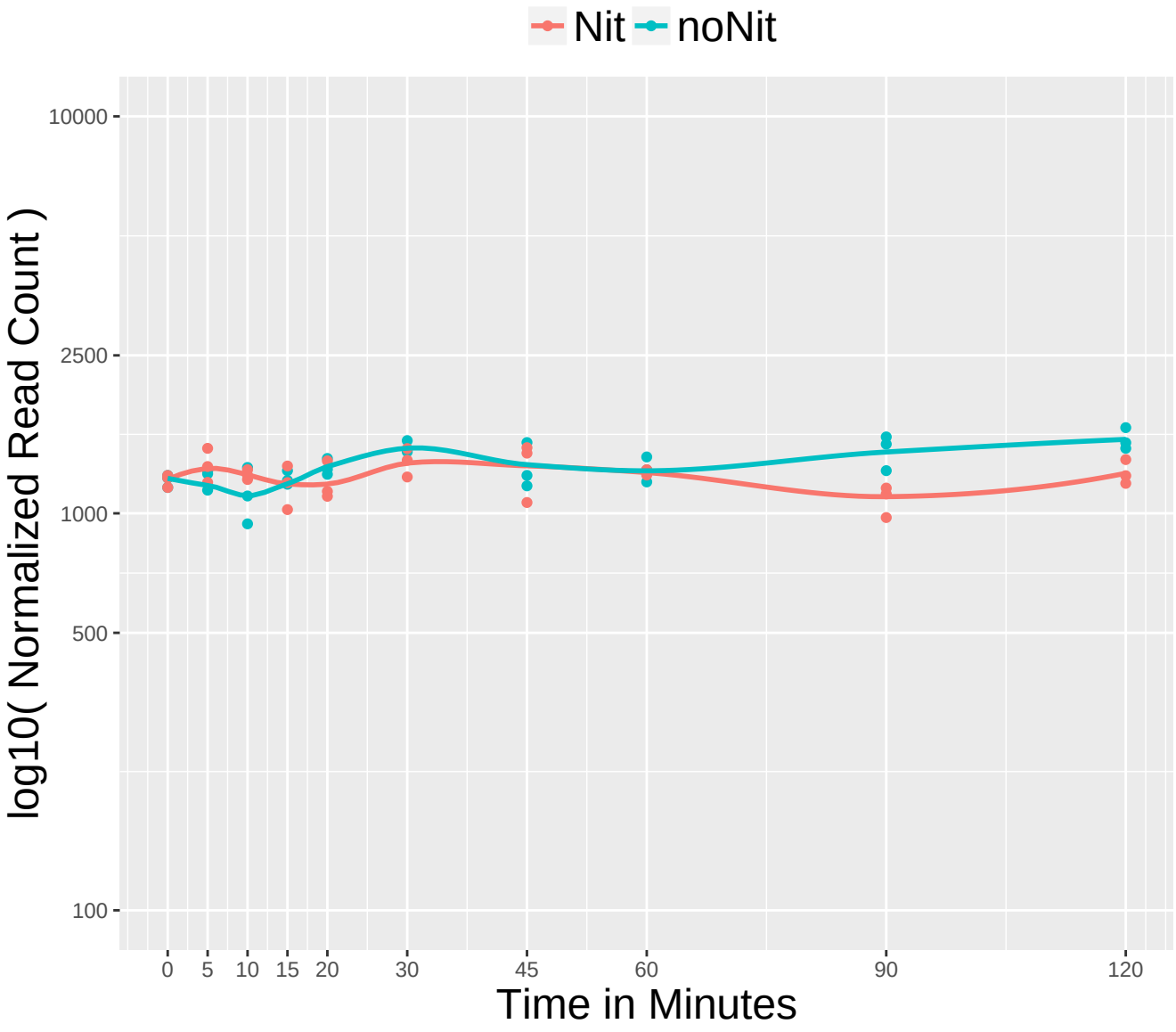
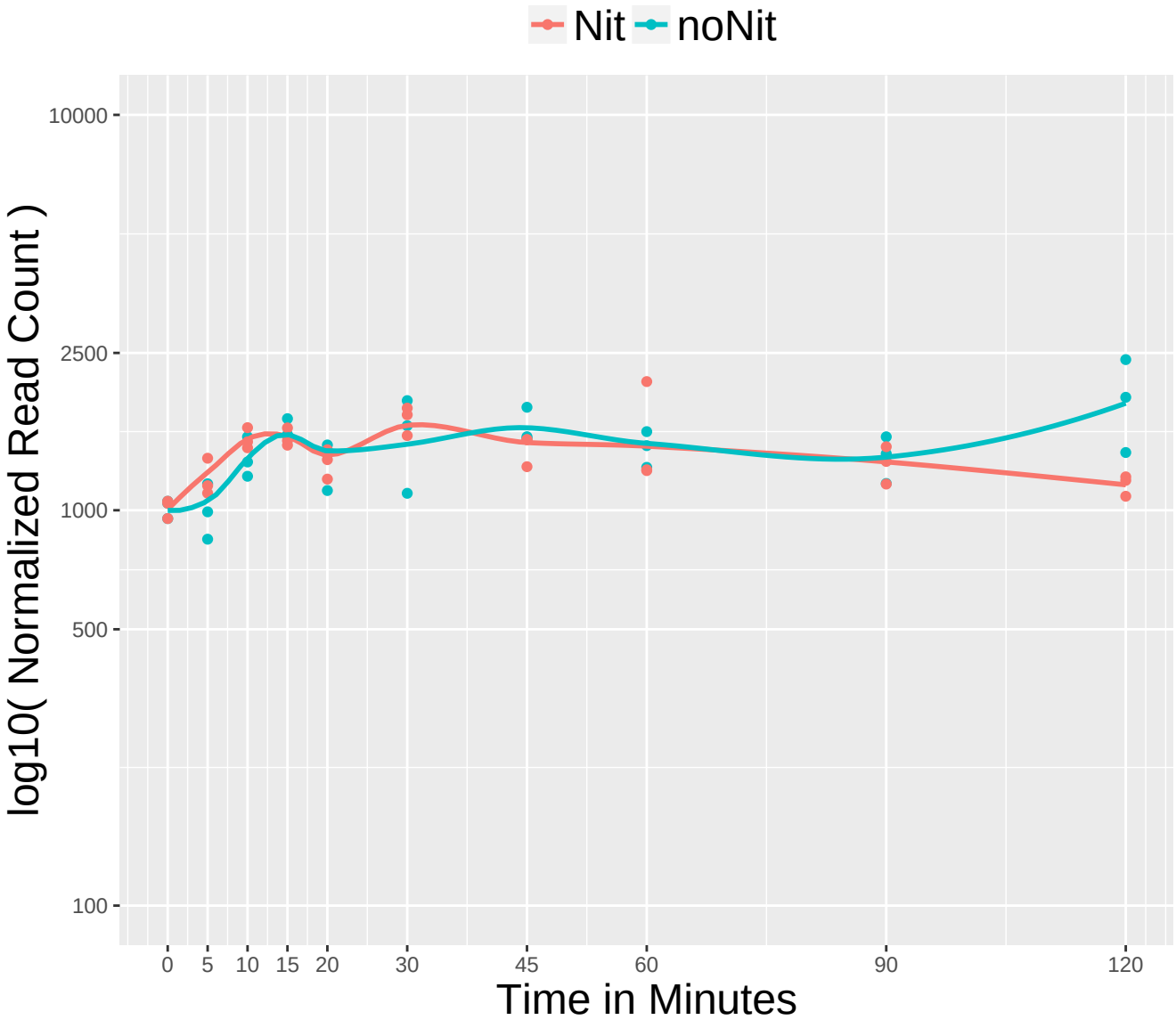
ATRAB−A2A,ARABIDOPSIS



AT1G10700

PRS3,phosphoribosyl



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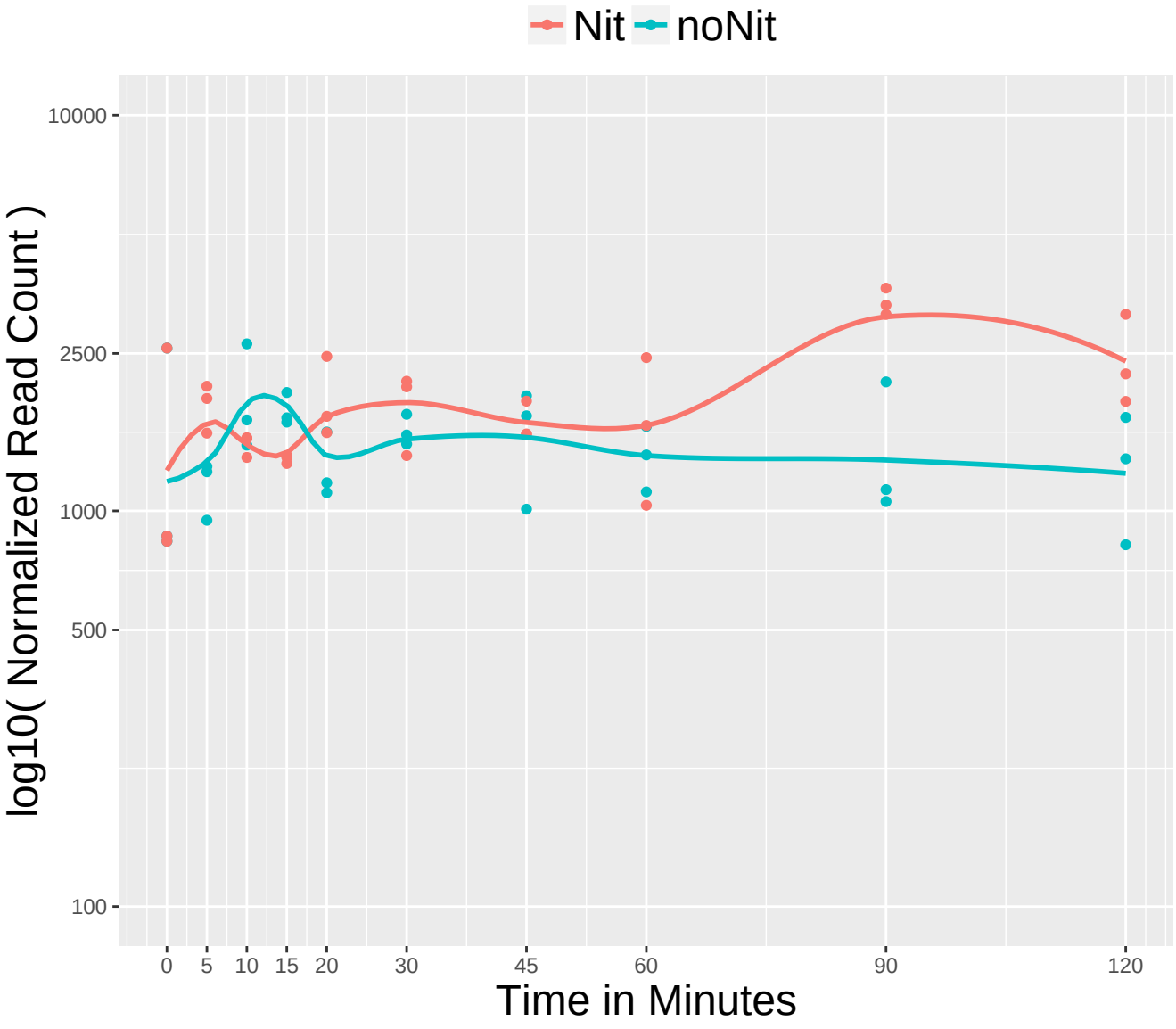
FAD−binding



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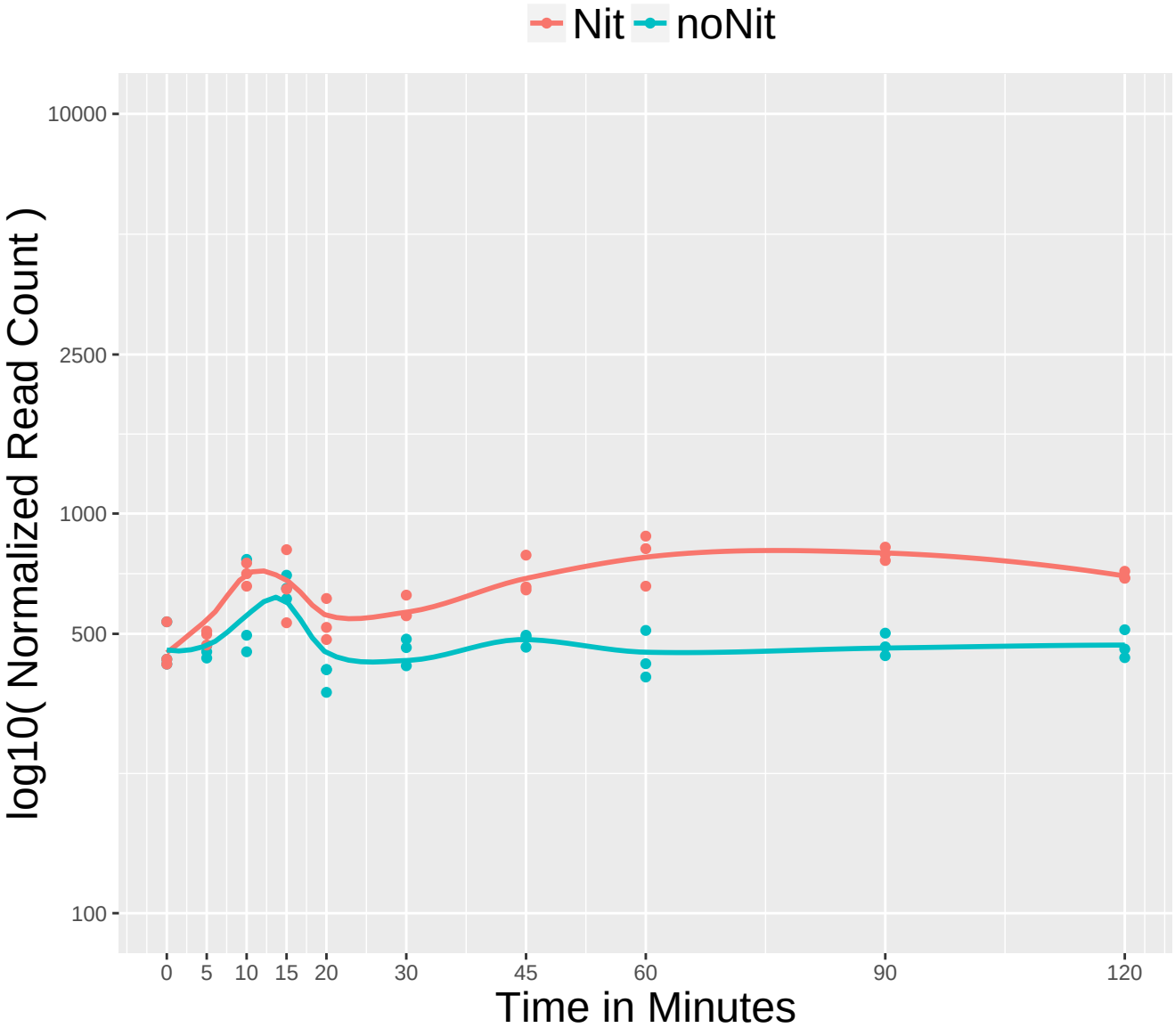

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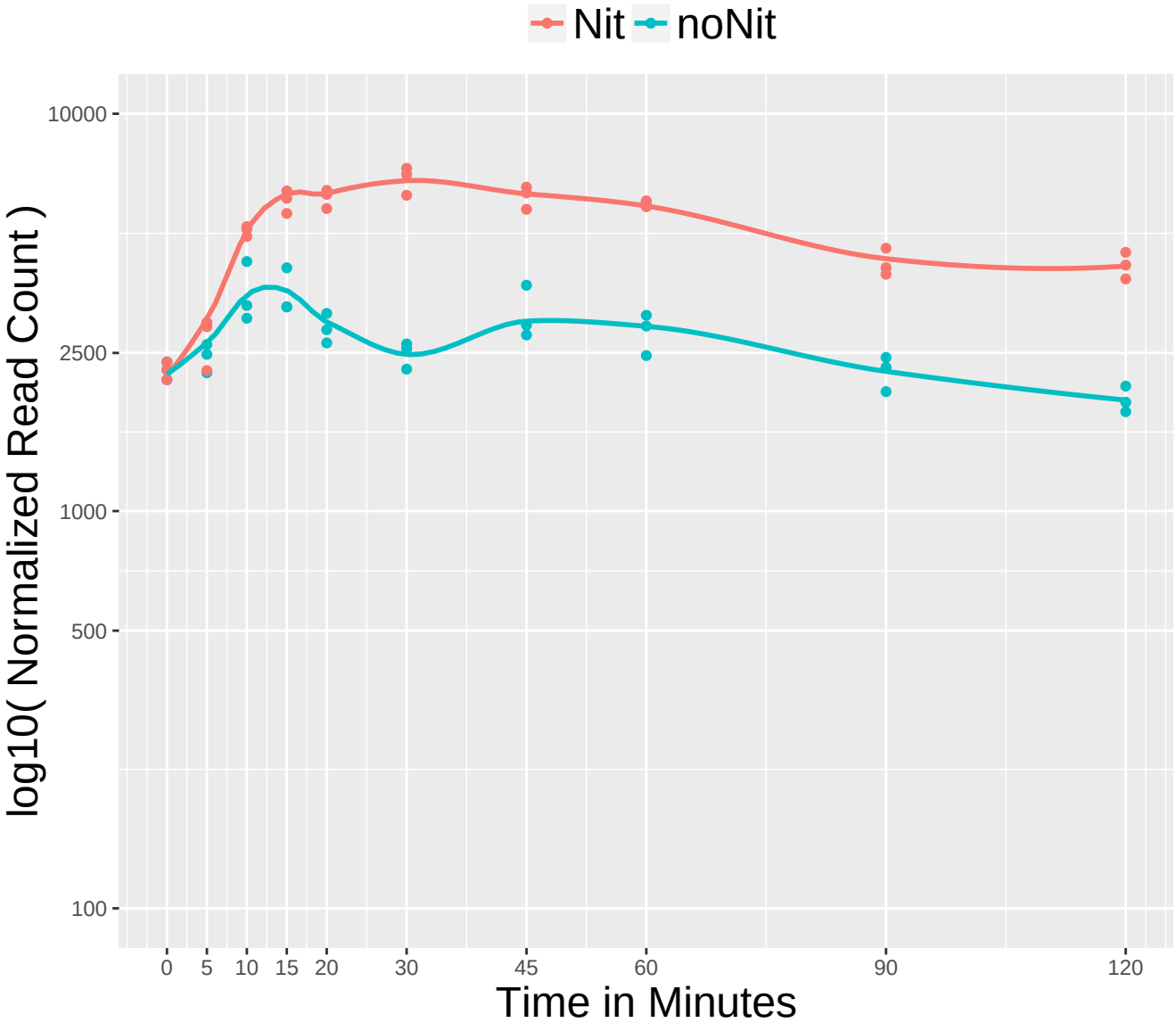
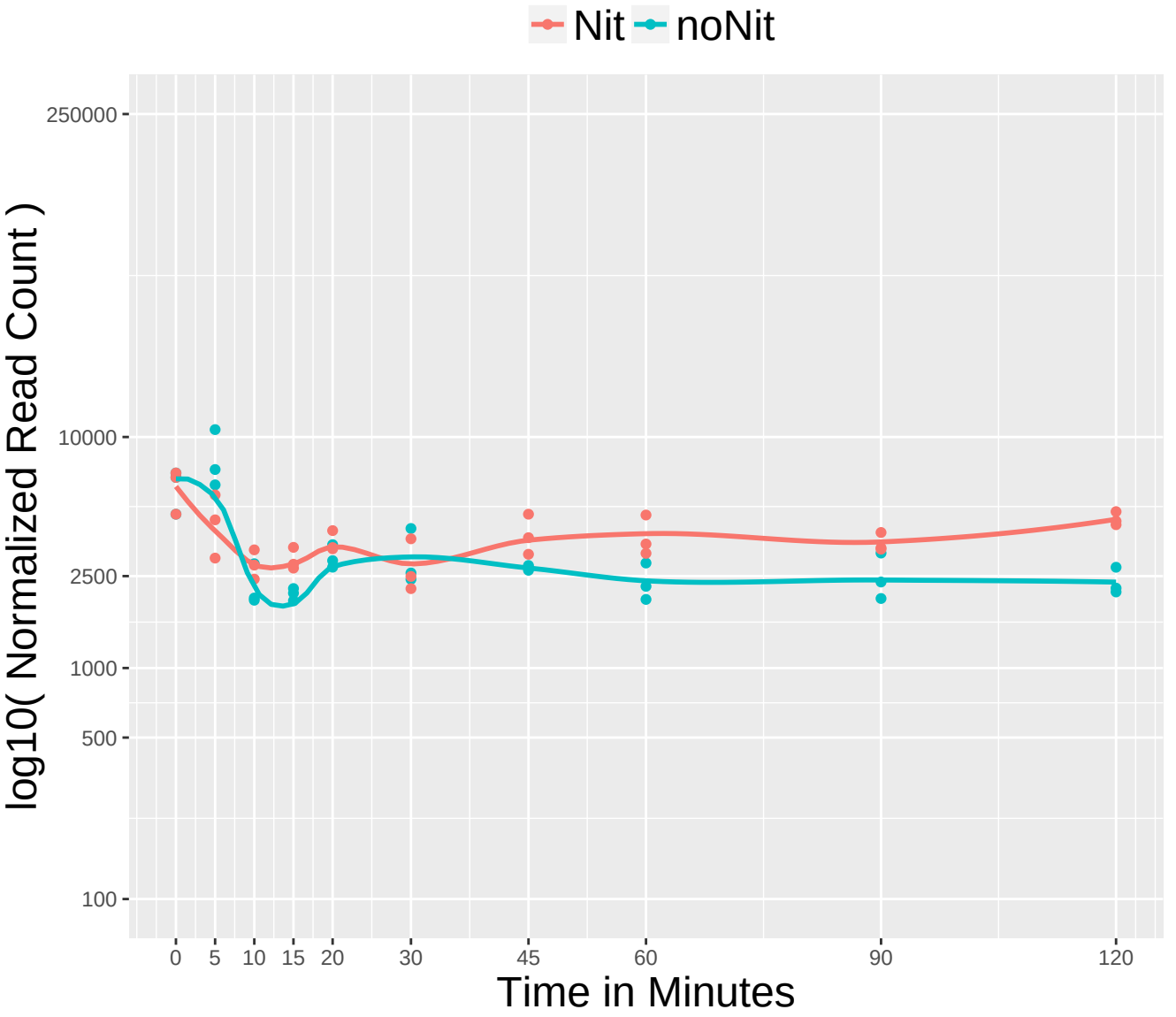
ZFP4,zinc



AT1G72440

EDA25,embryo



AT2G02020

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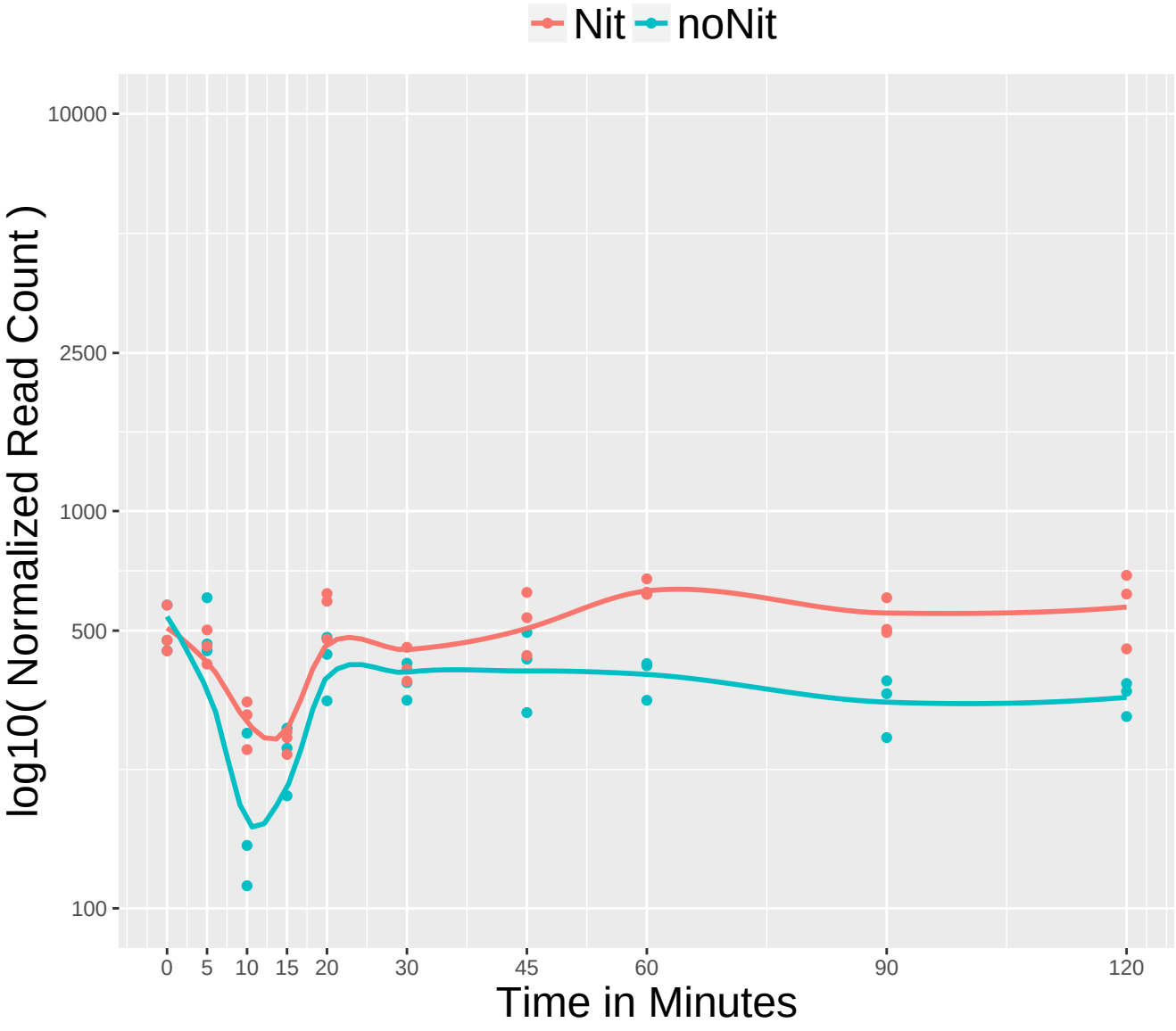
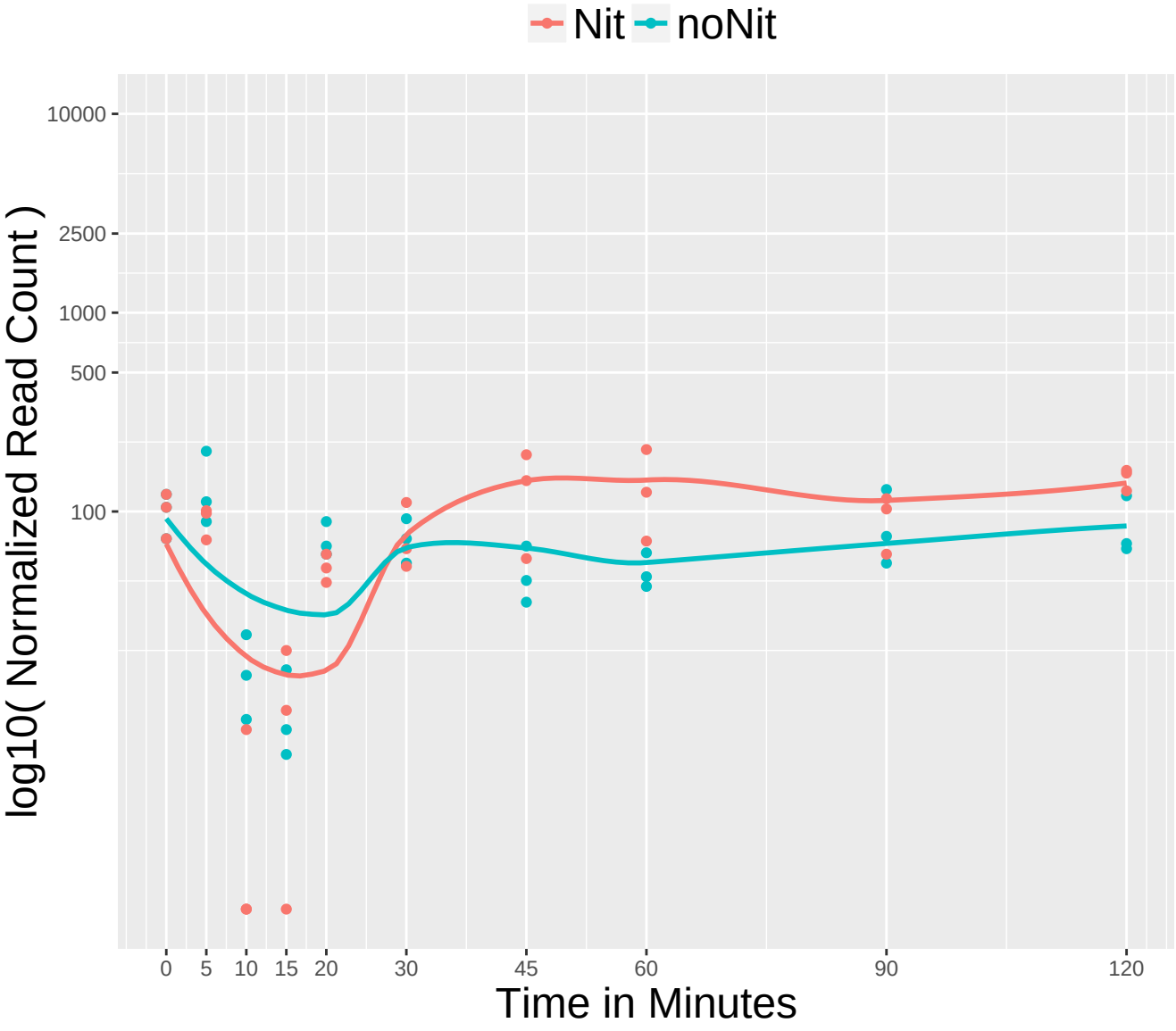


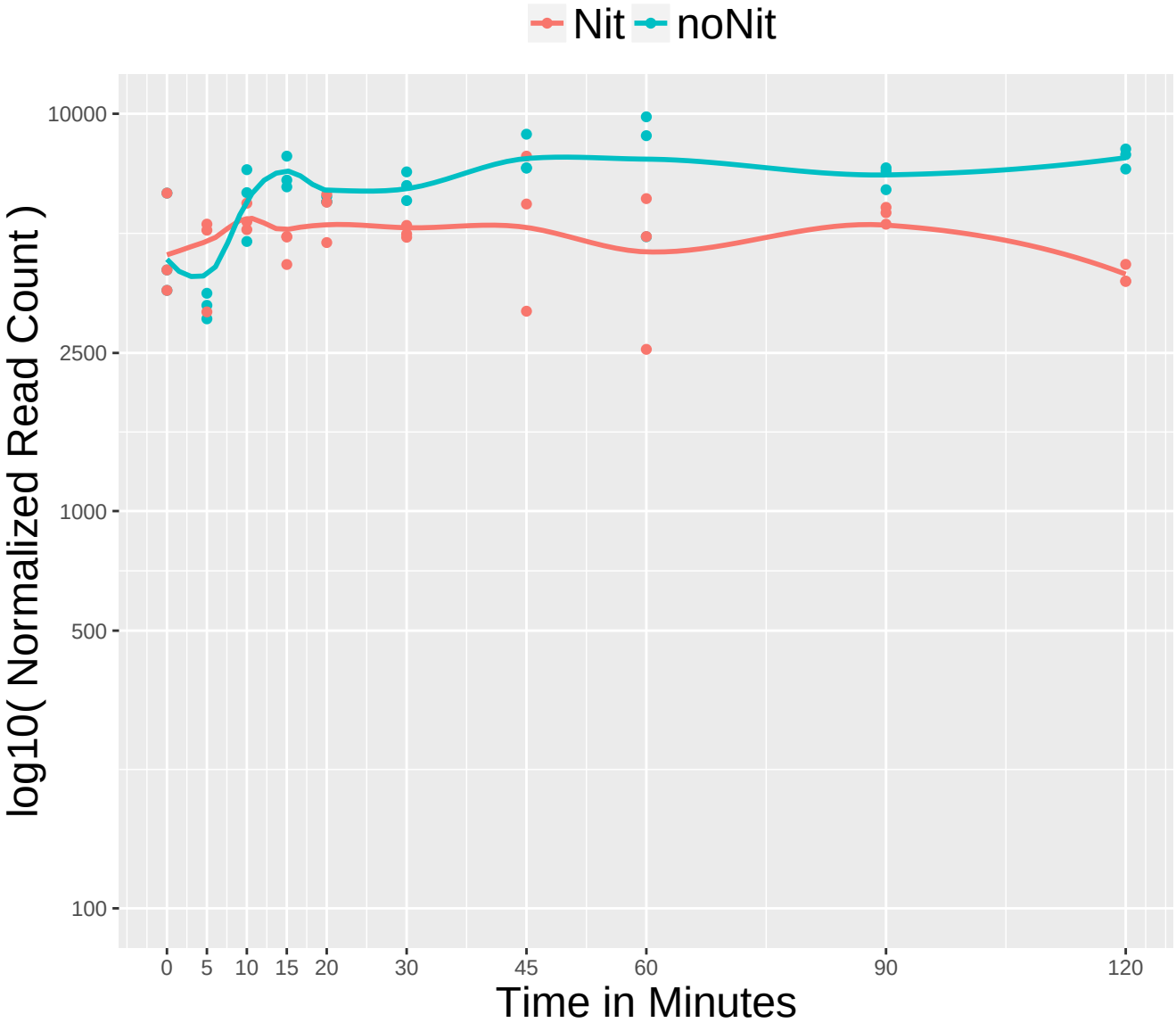
AT2G03830

GLV6,GOLVEN



AT2G22125

CSI1,cellulose



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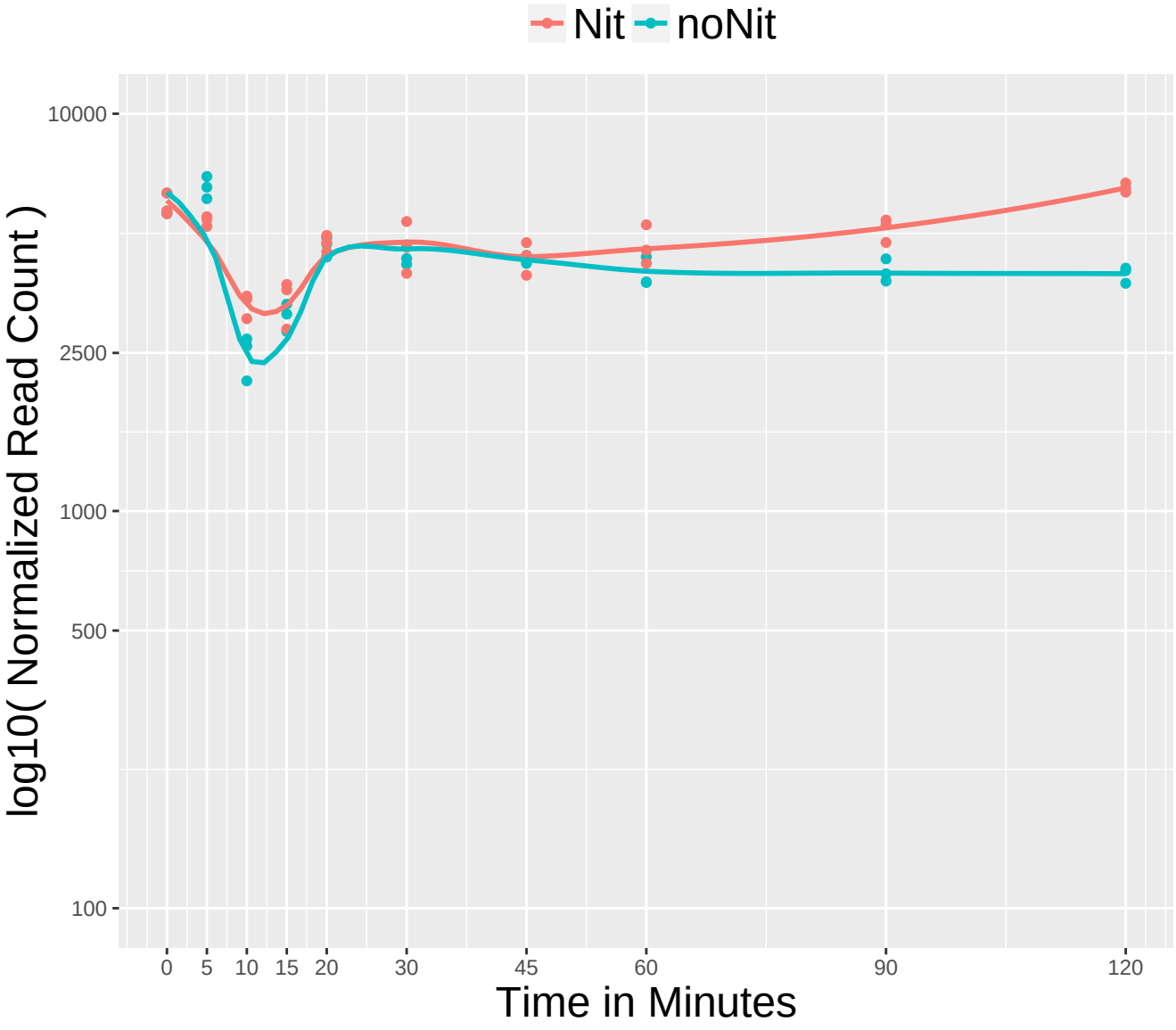
ATWRKY39,WRKY



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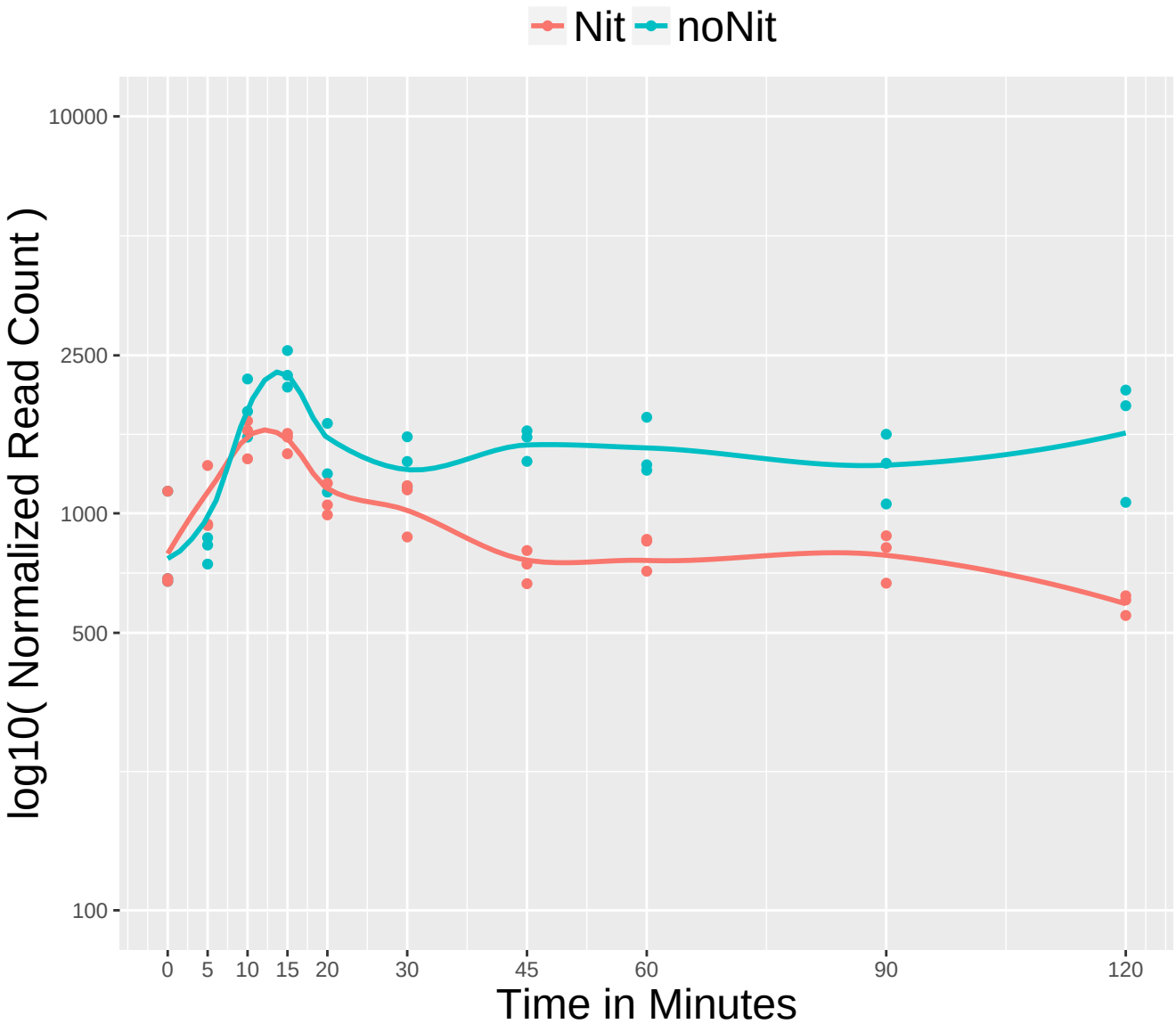
COBL8,COBRA−like



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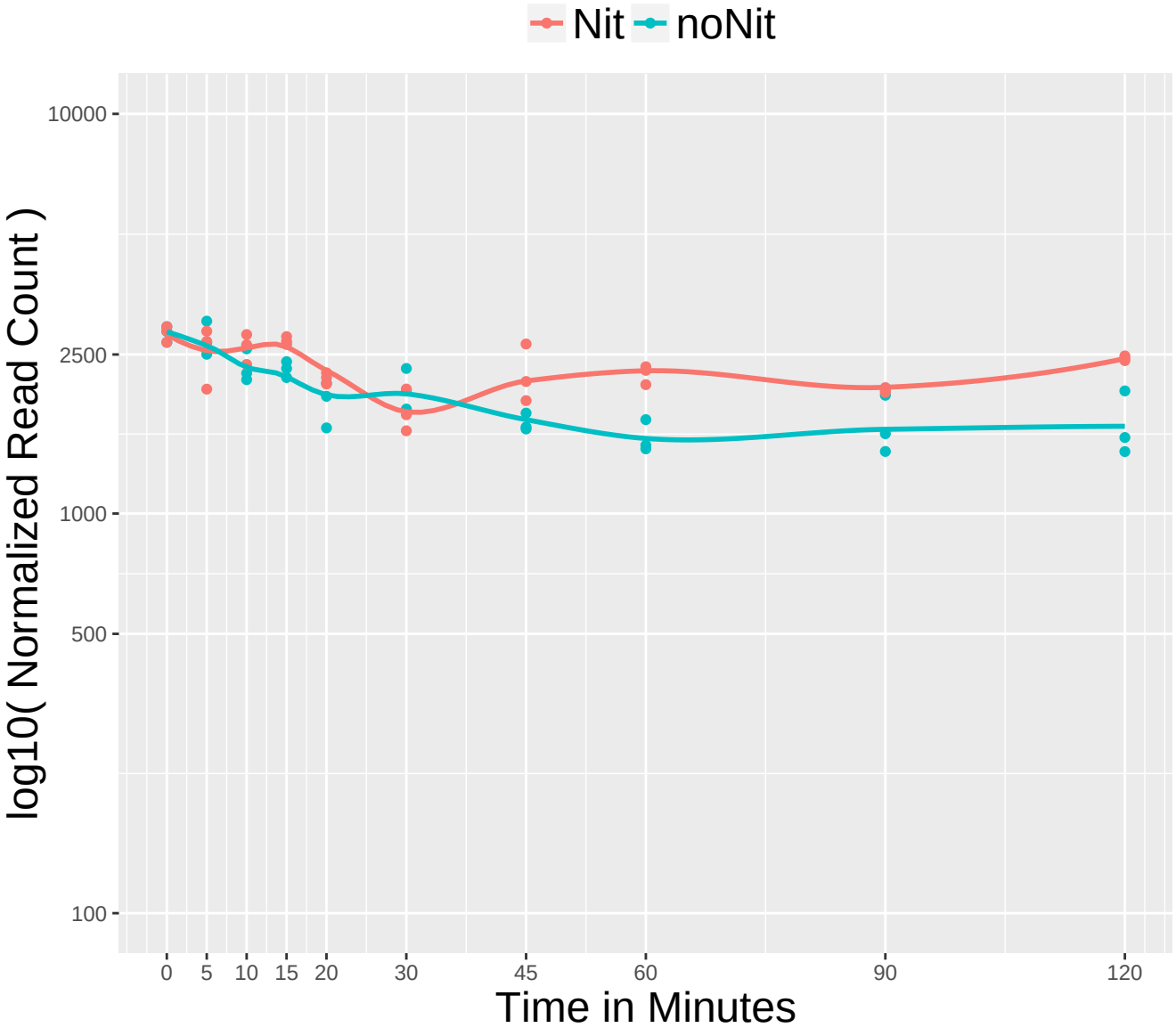

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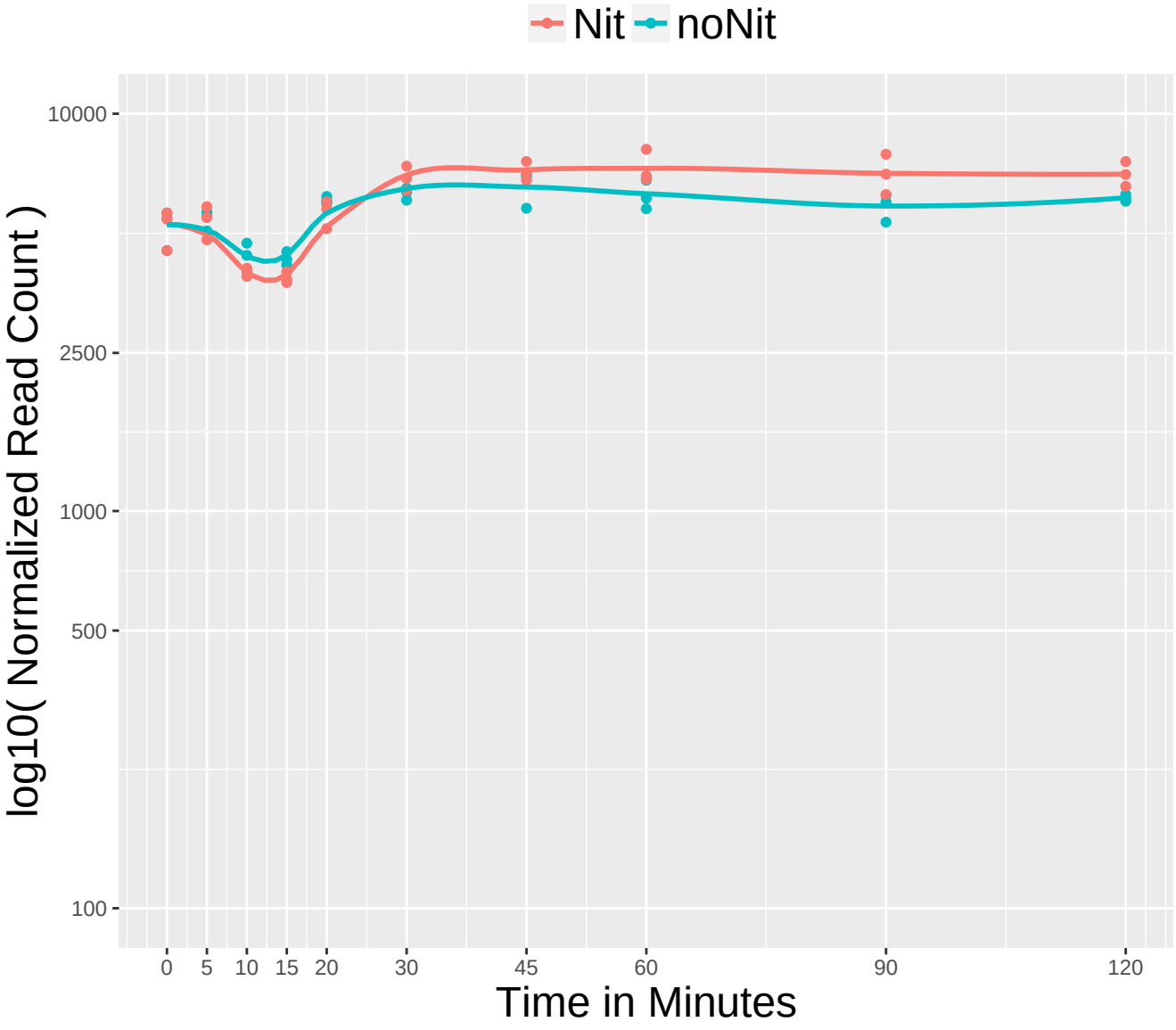
SAPX,stromal



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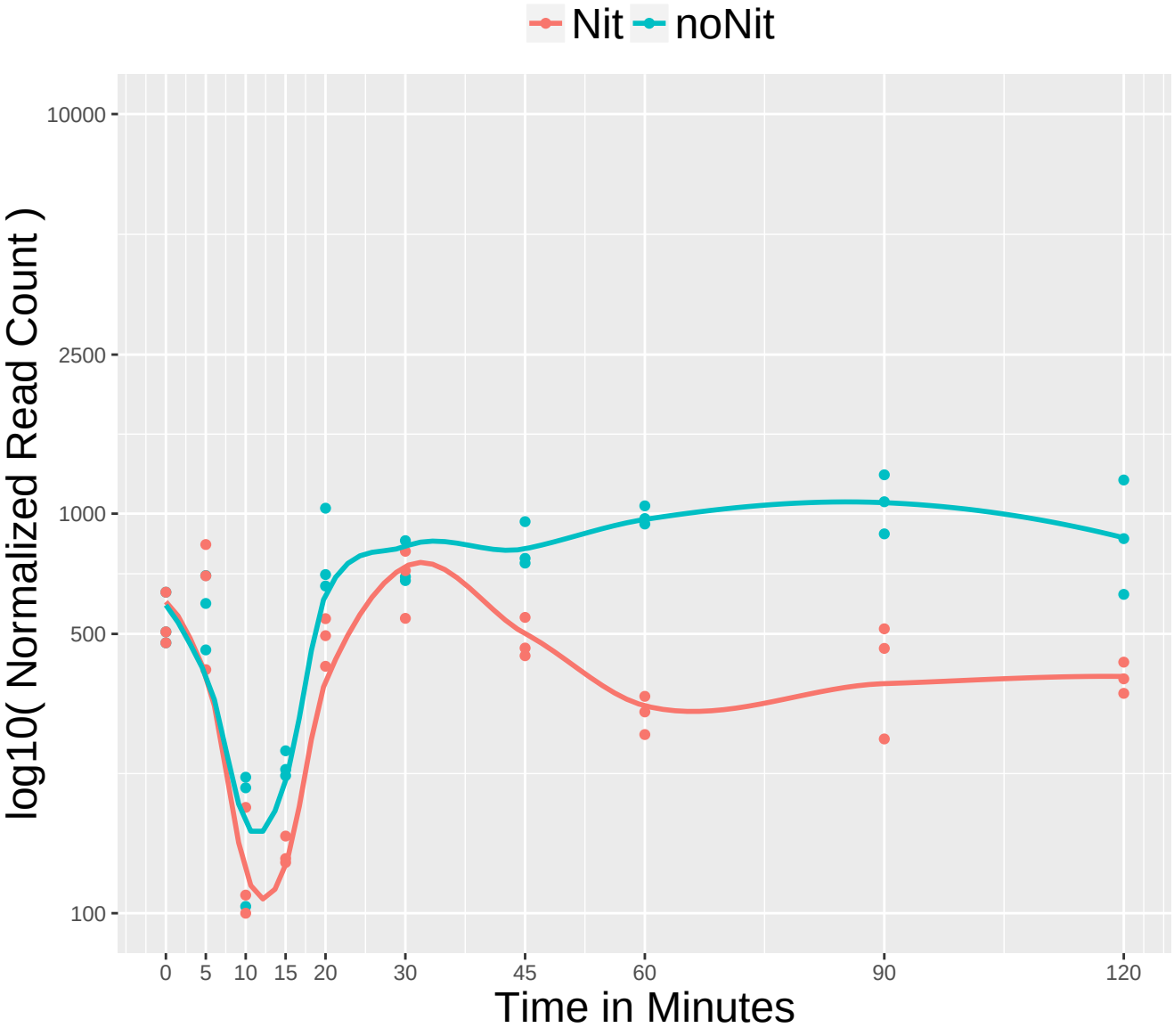
Uncharacterised



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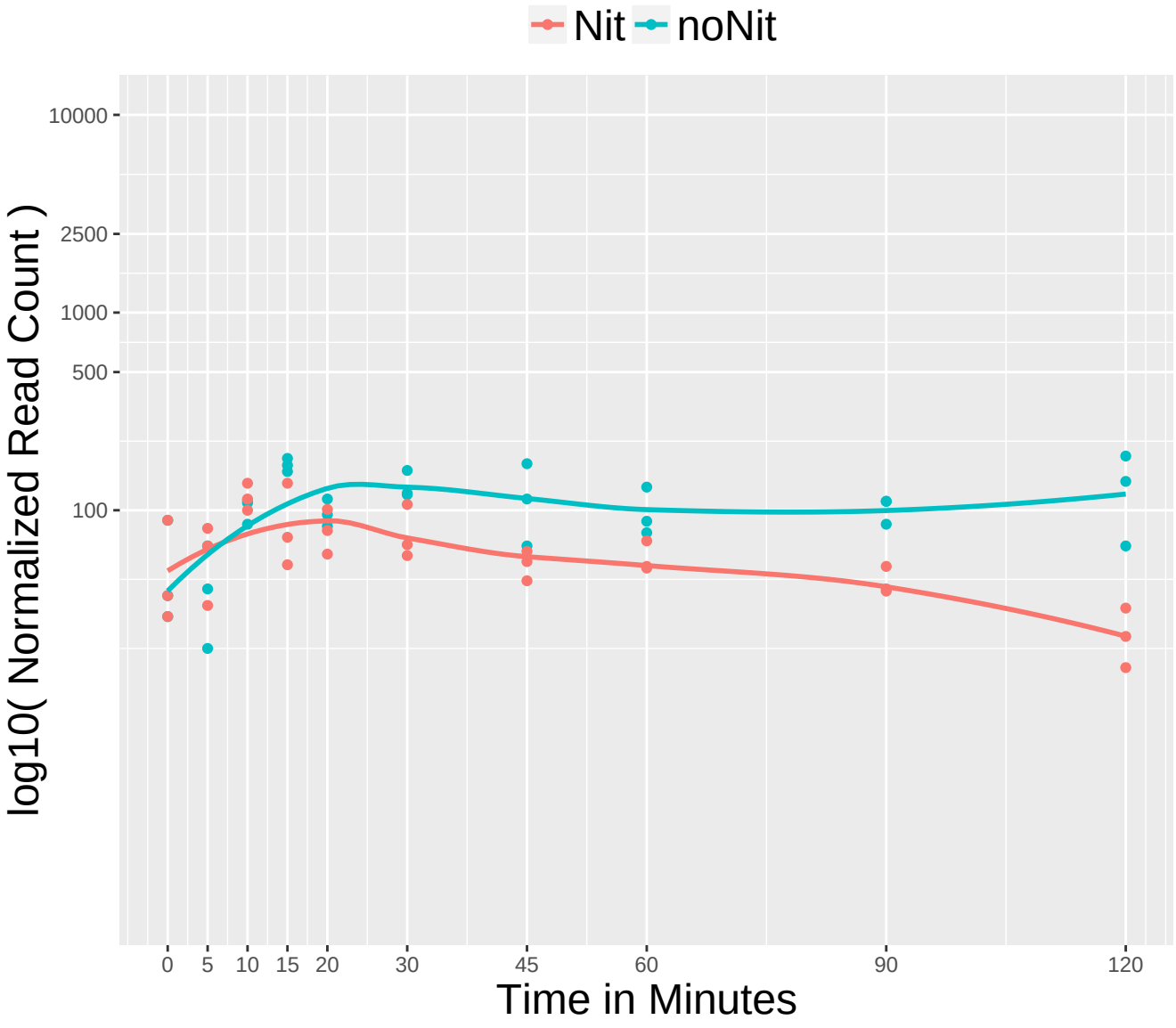
MYB39,myb



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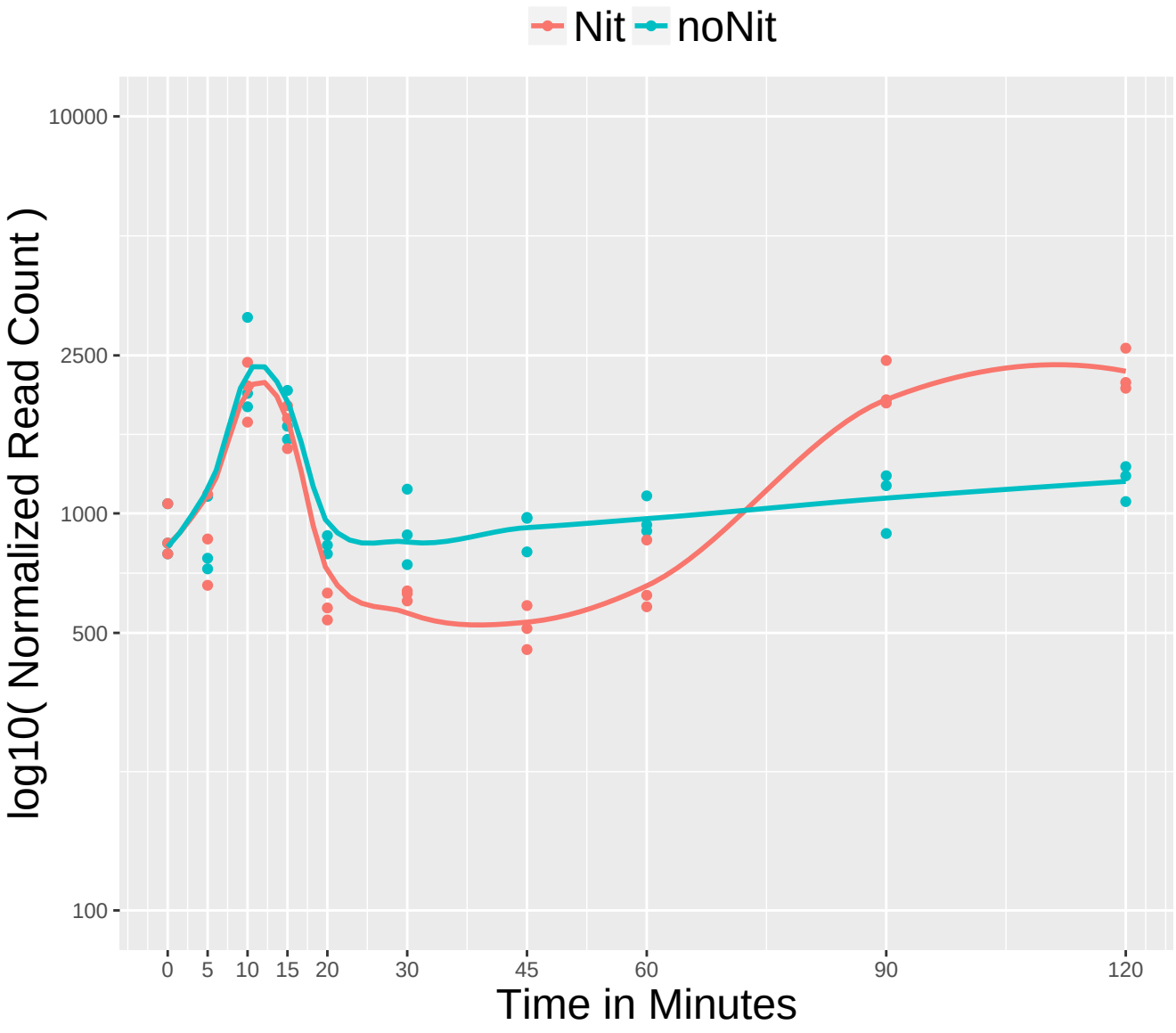
ADS1,ACTIVATED



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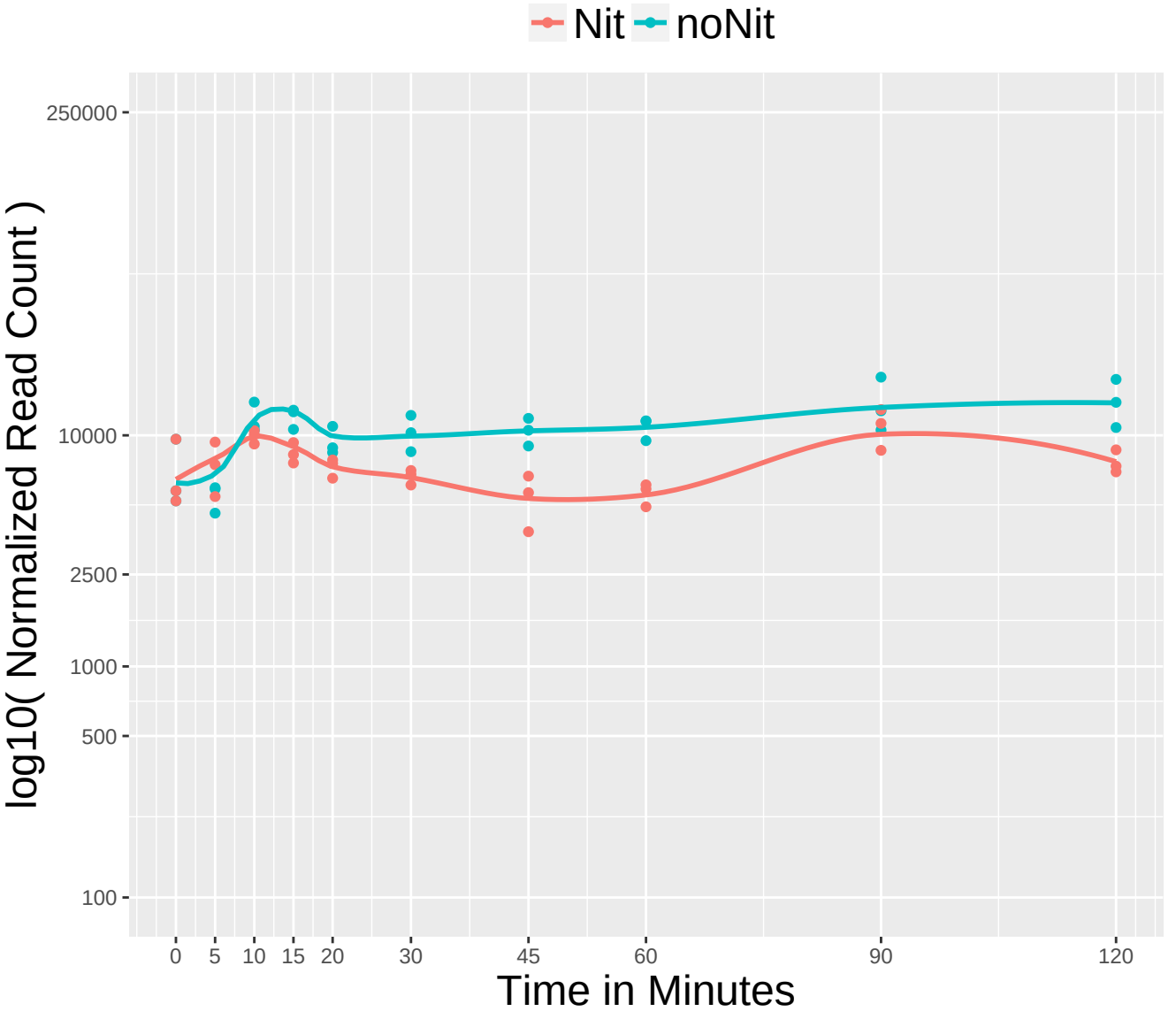
ATRBOHD,,RBOHD,respiratory



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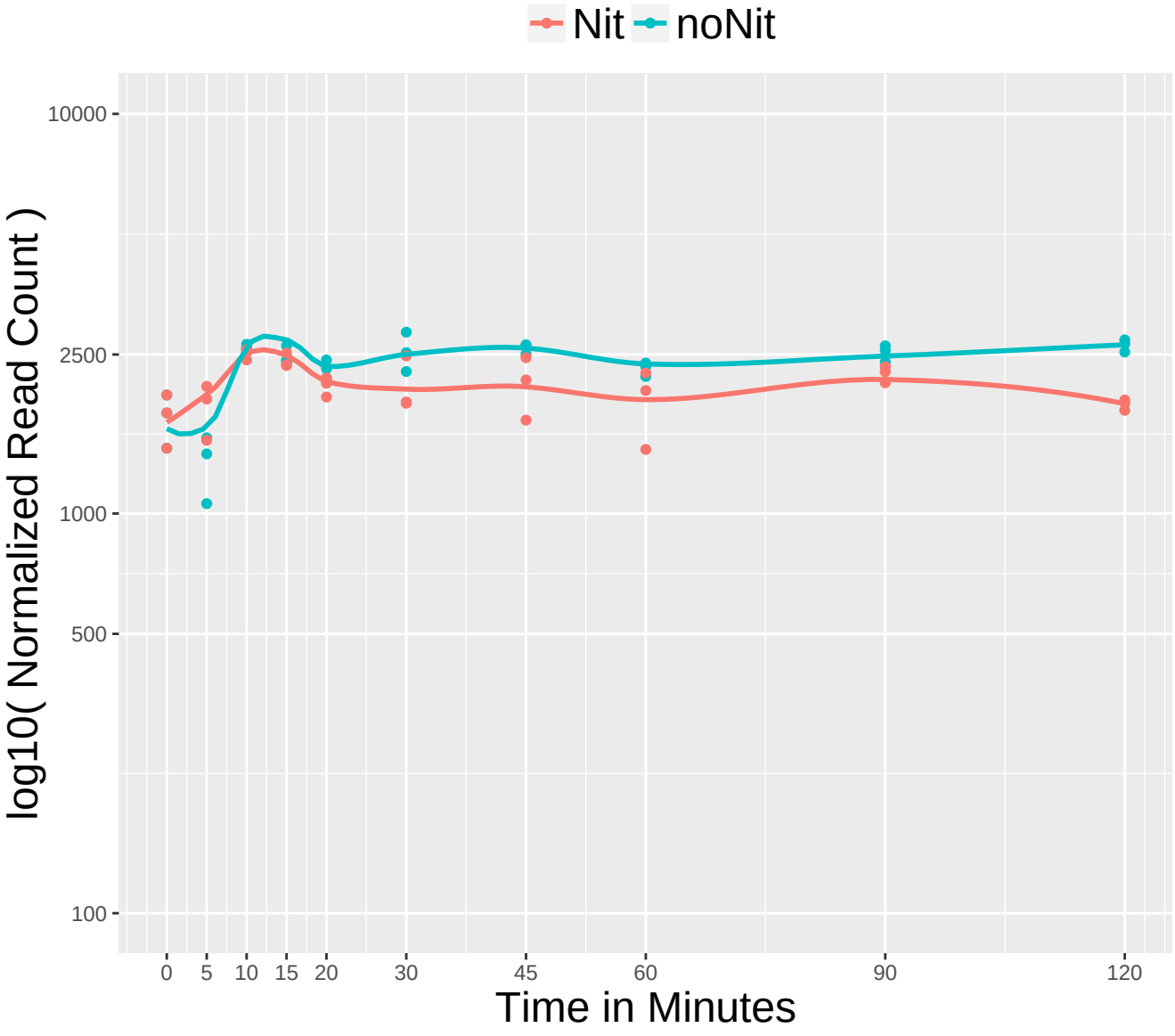

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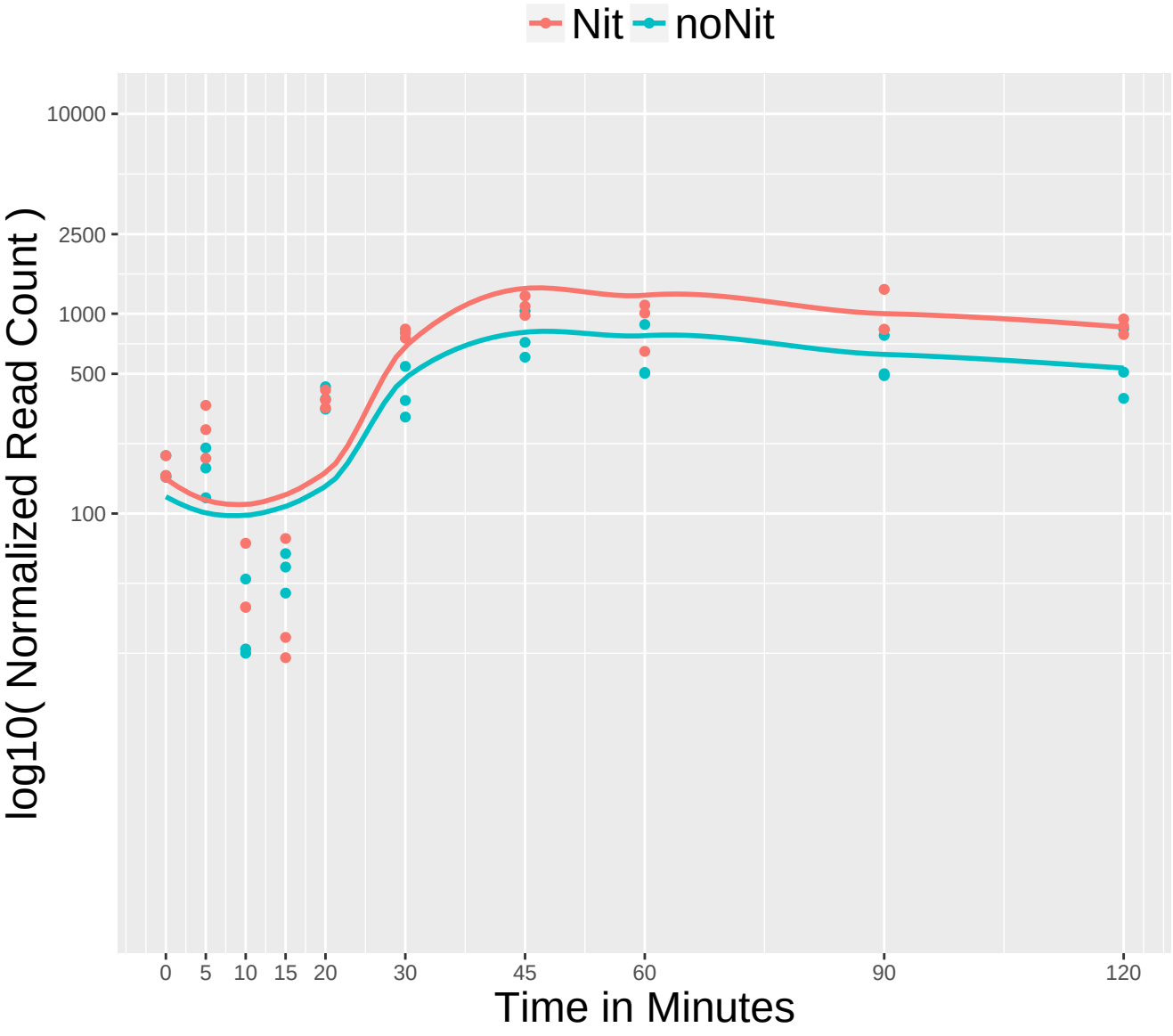
Haloacid



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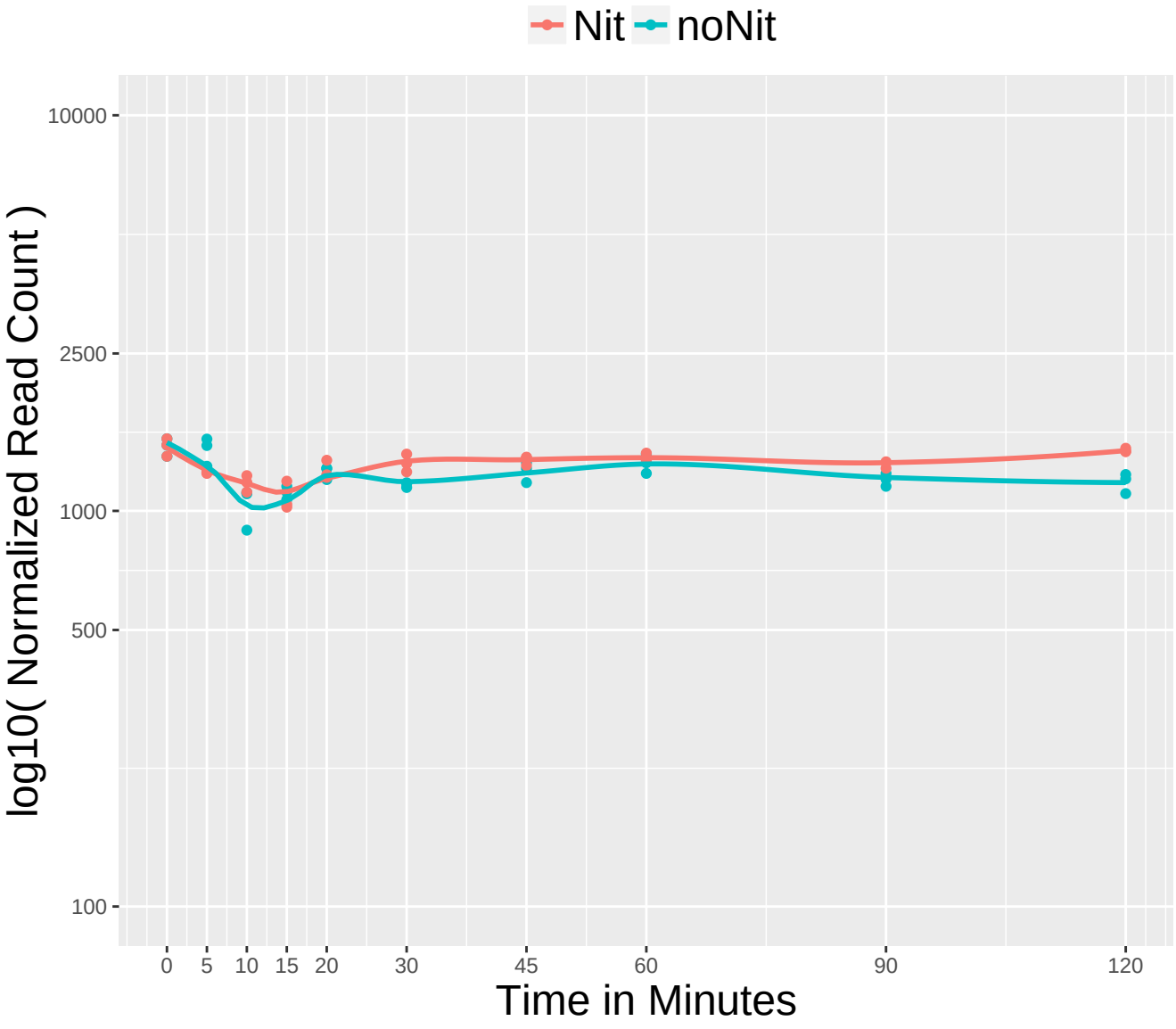
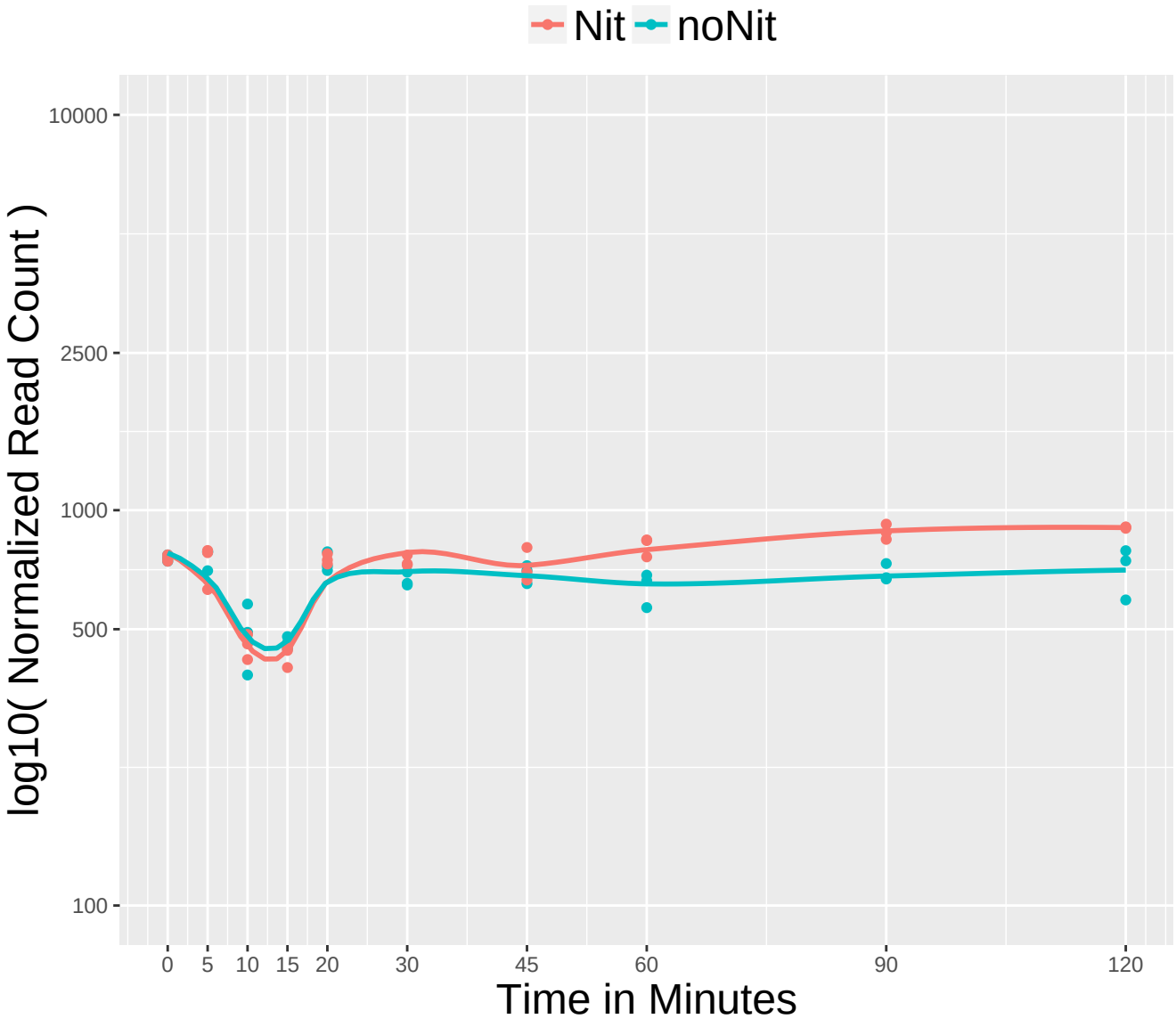


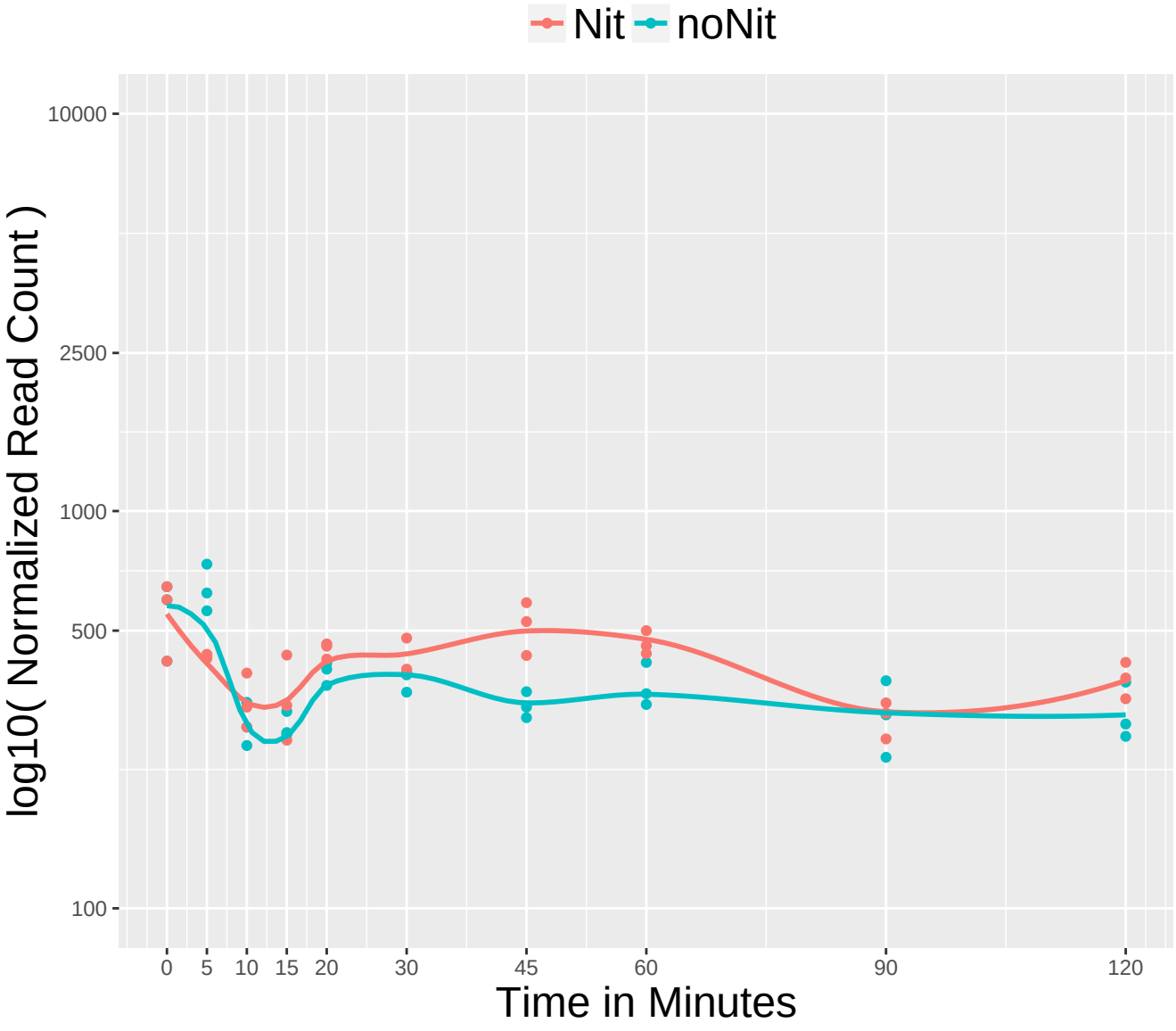
AT1G10510

emb2004,embryo



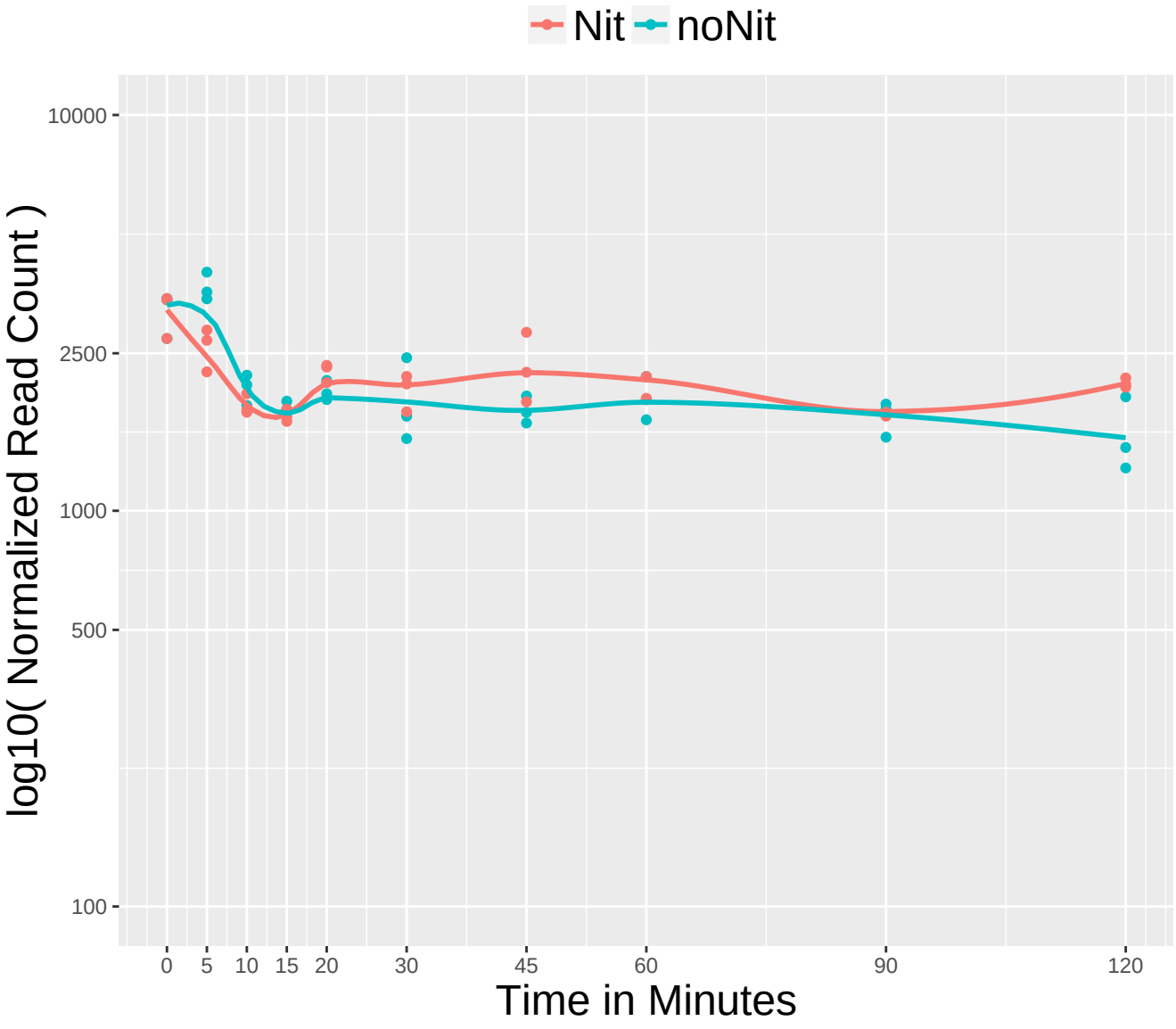
AT2G01120

ATORC4,ORIGIN



AT2G01220

Nucleotidylyl



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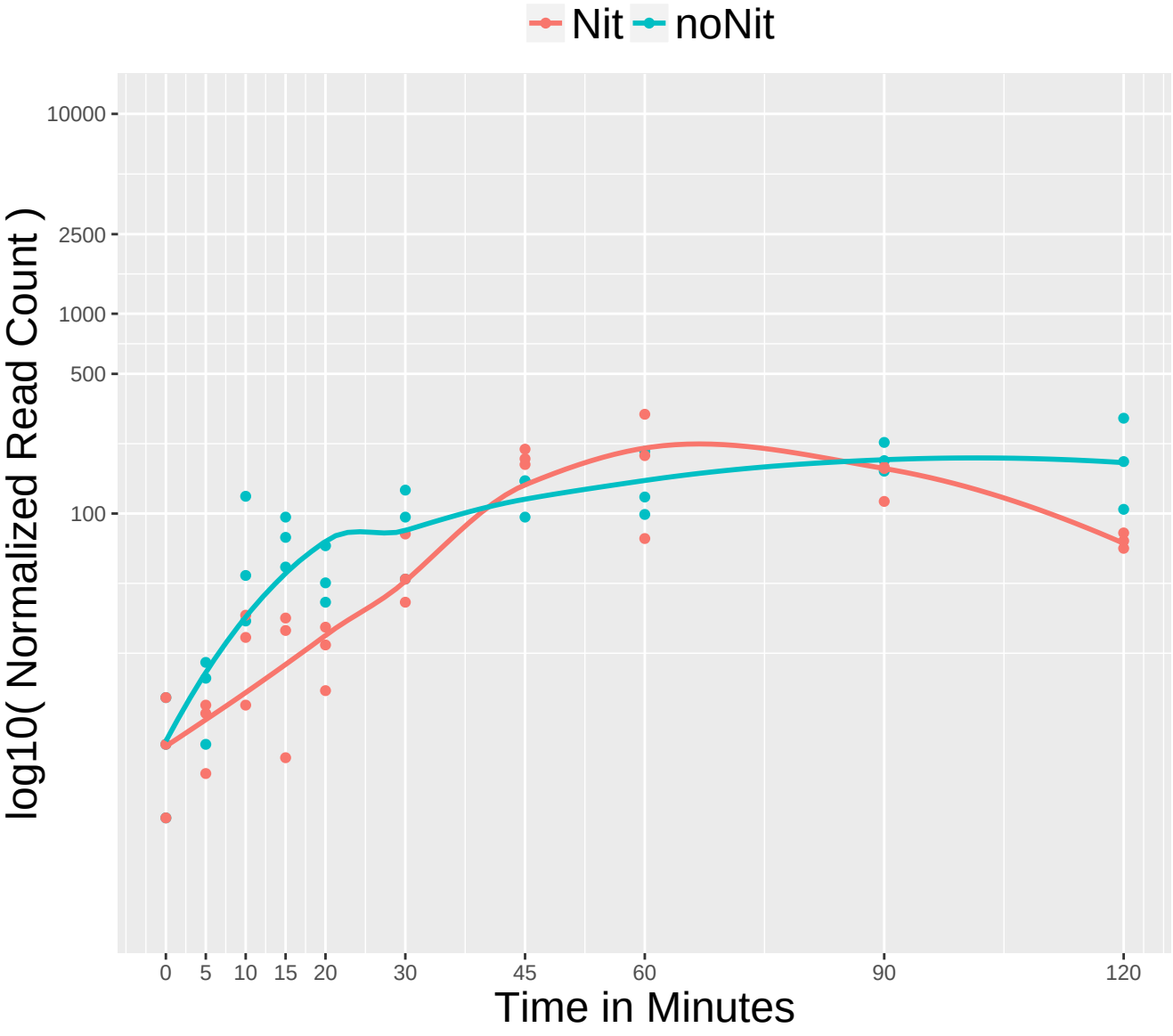

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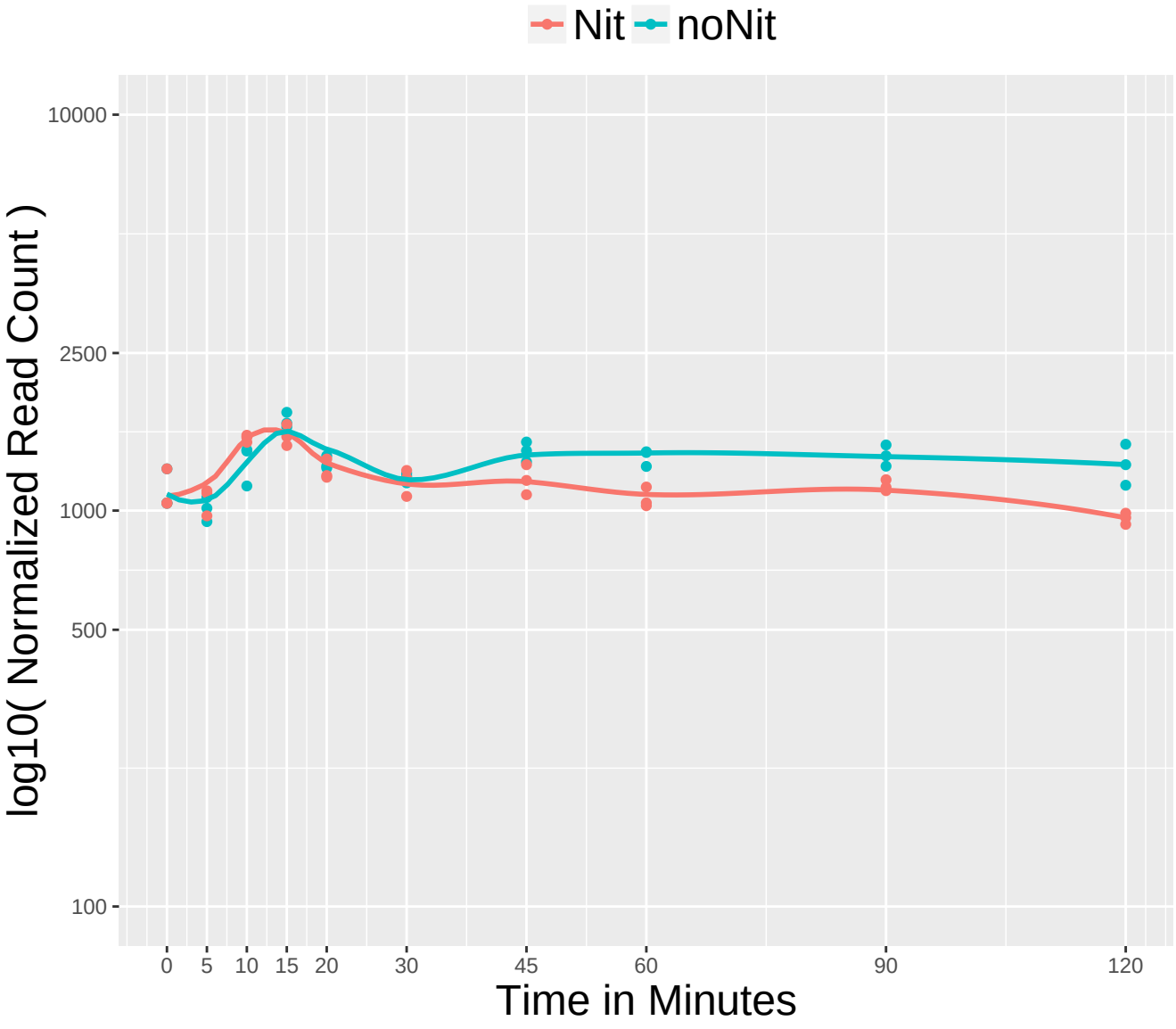

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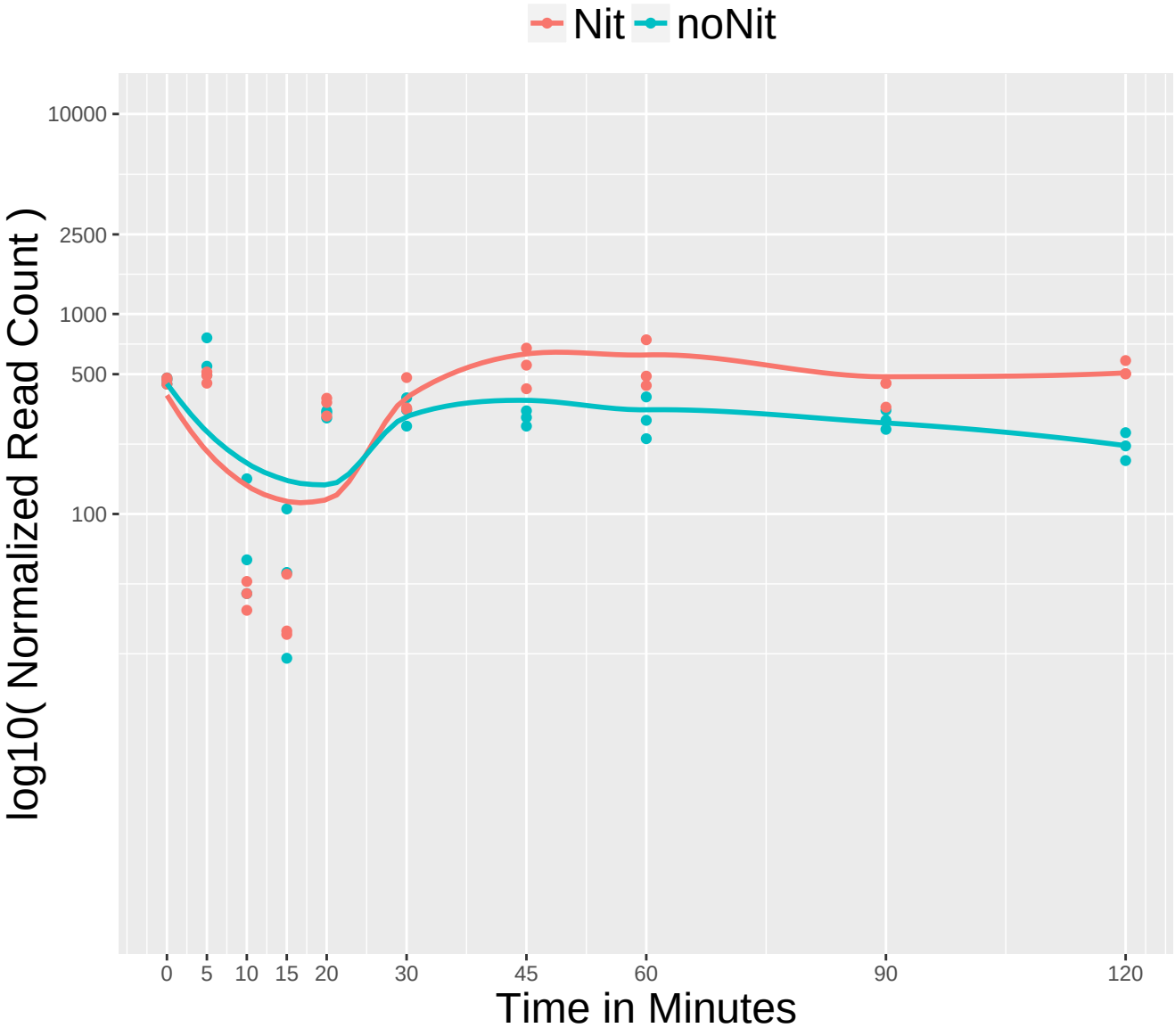
other



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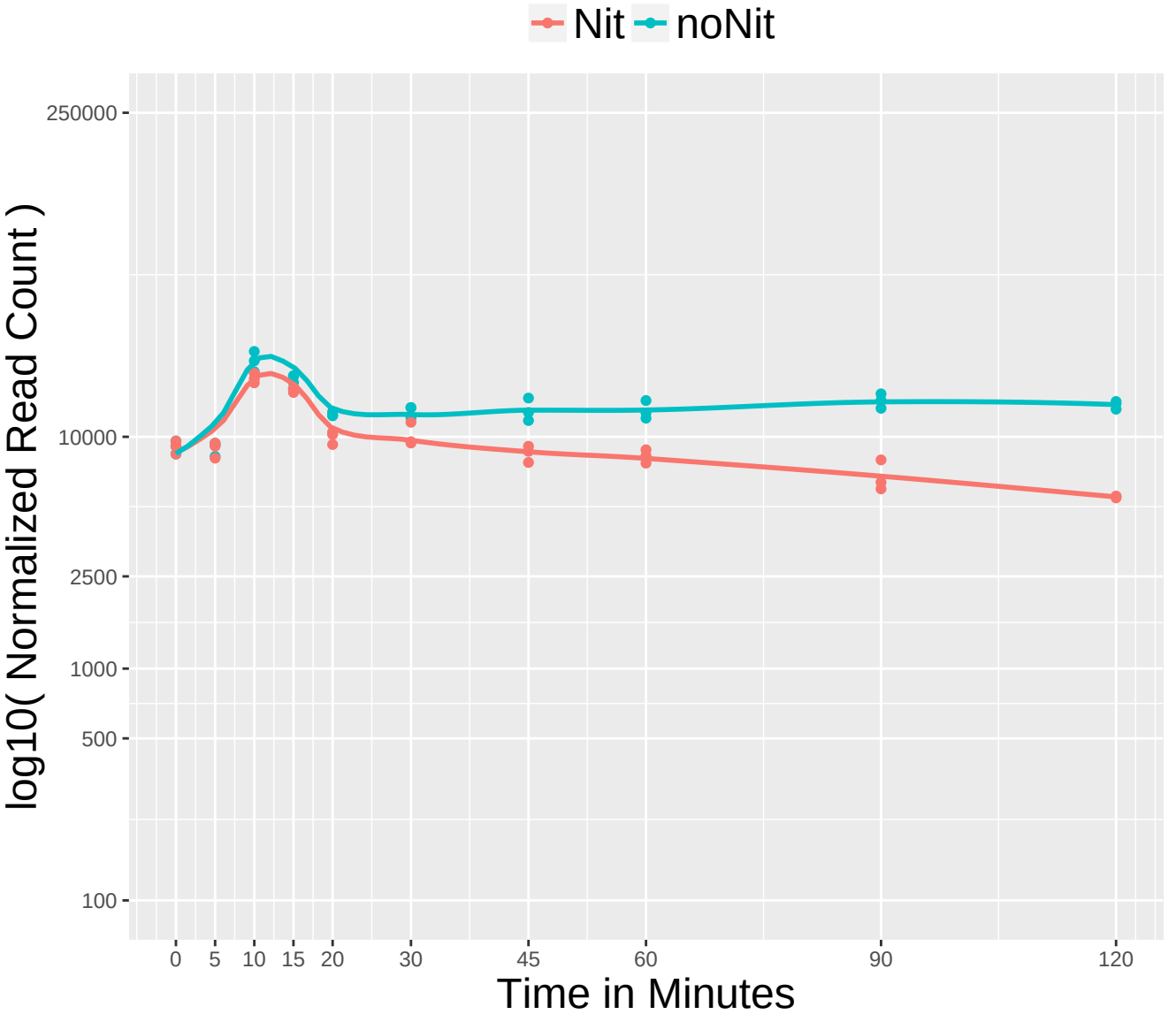
ATGSKB6,ARABIDOPSIS



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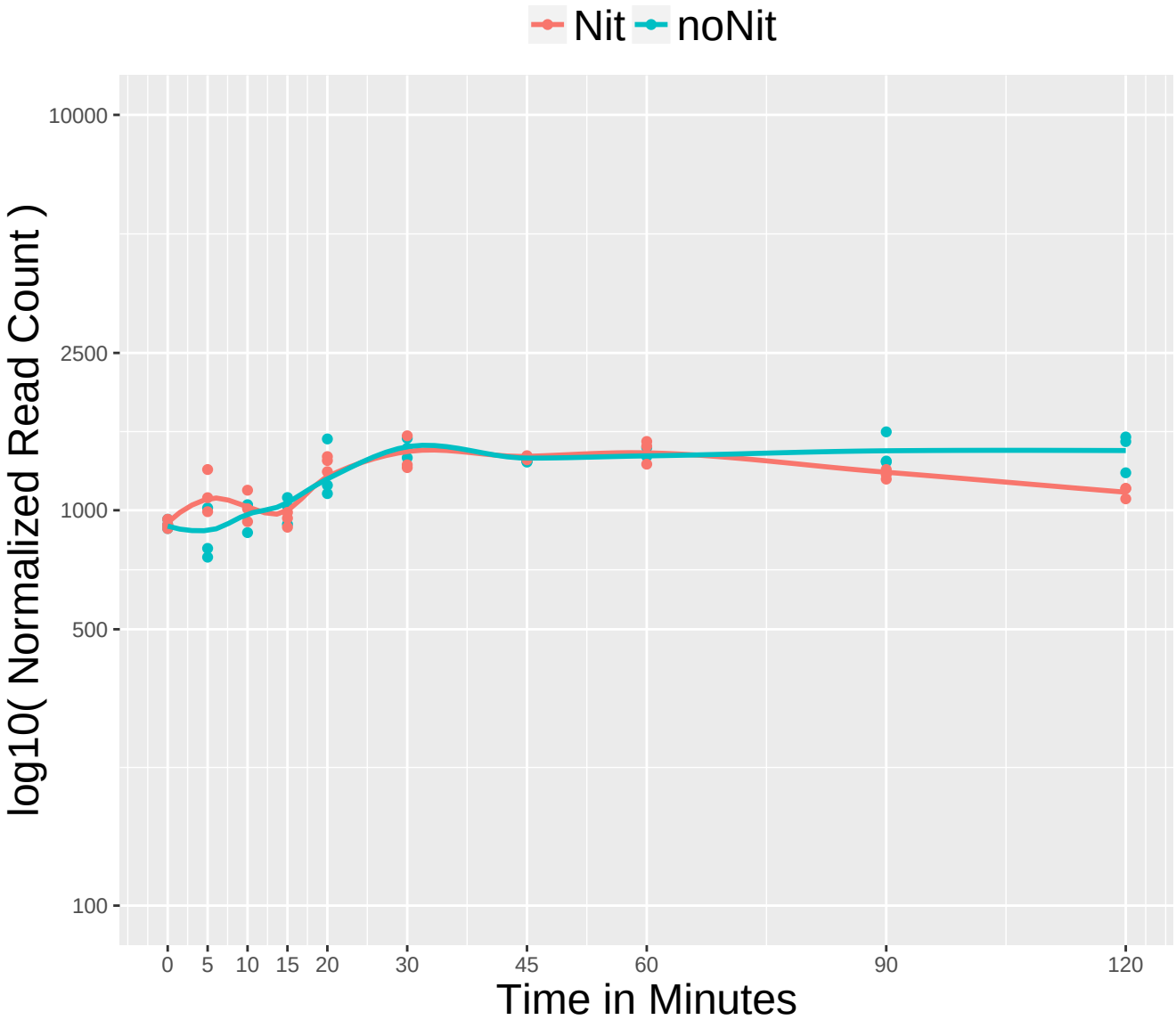
ATSYP32,,SYP32,syntaxin



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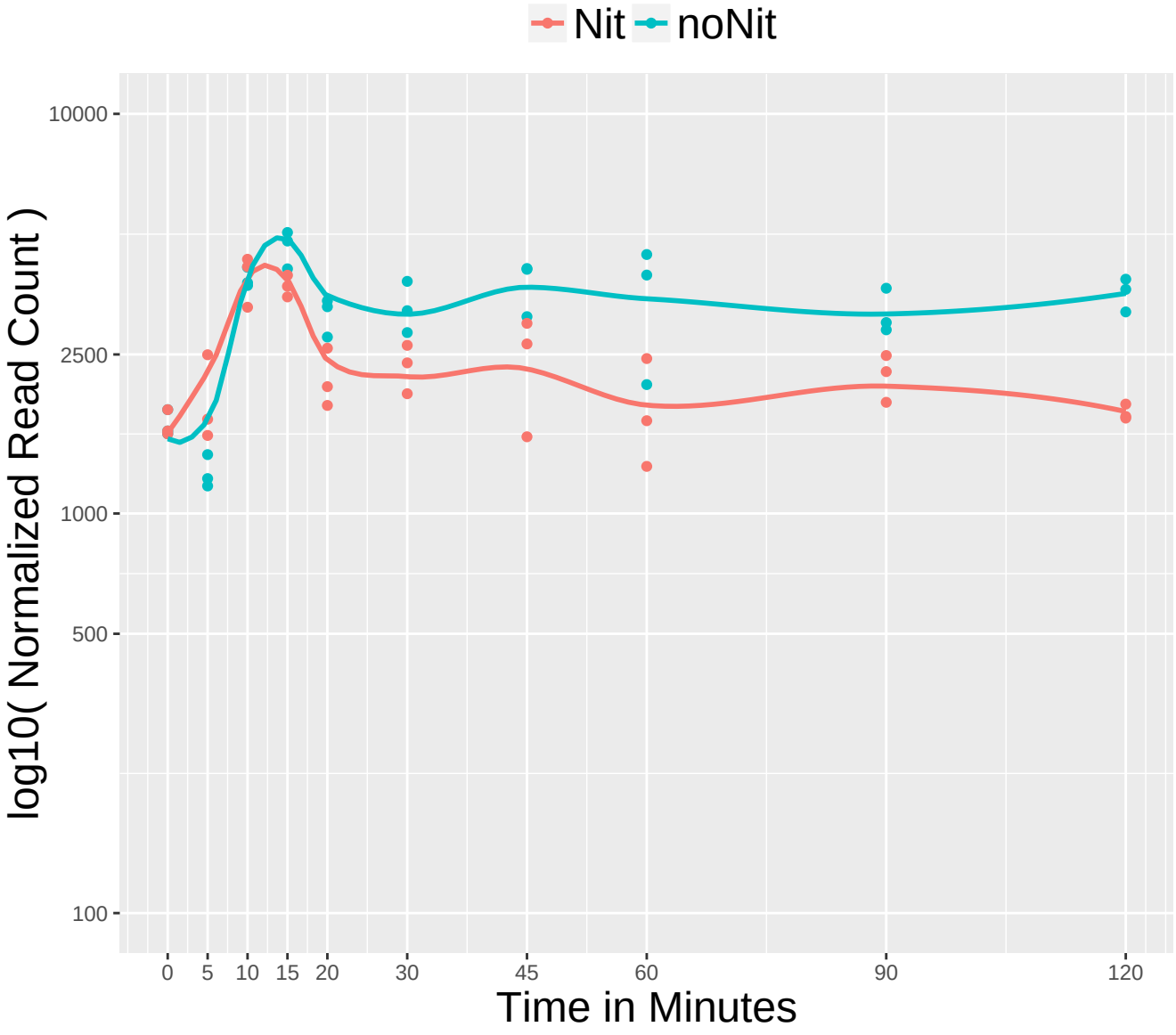
Leucine−rich



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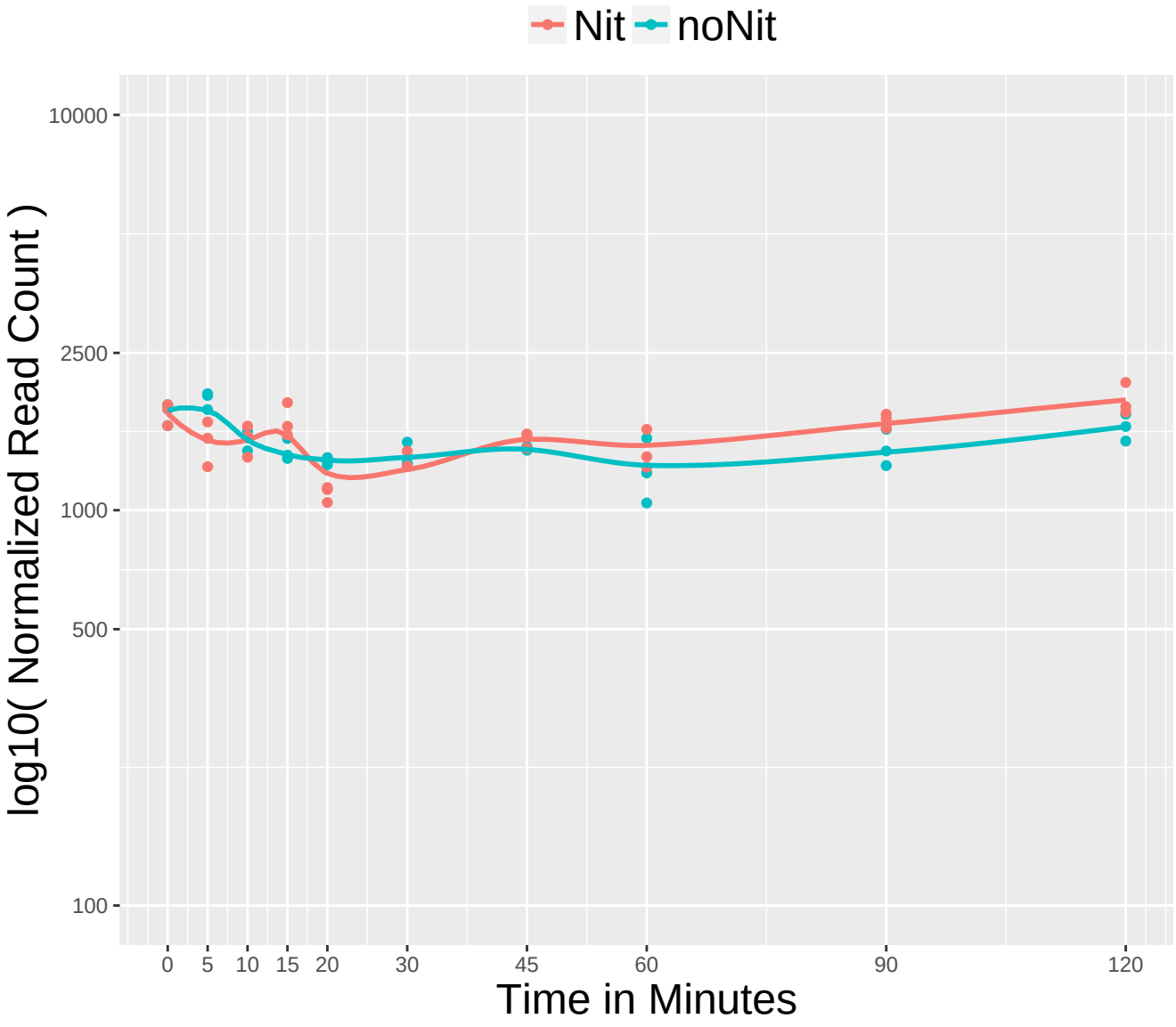
Glycosyl



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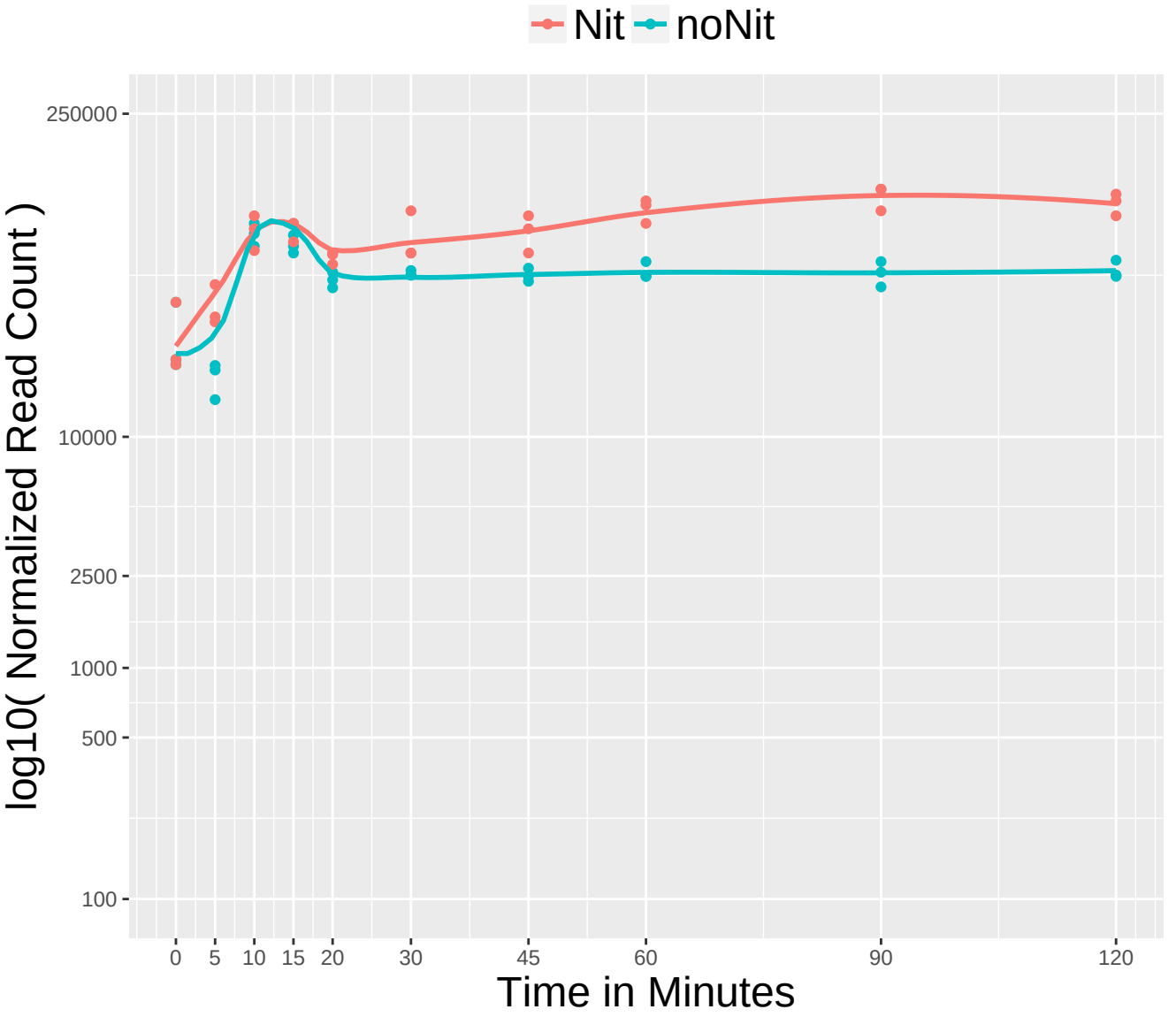

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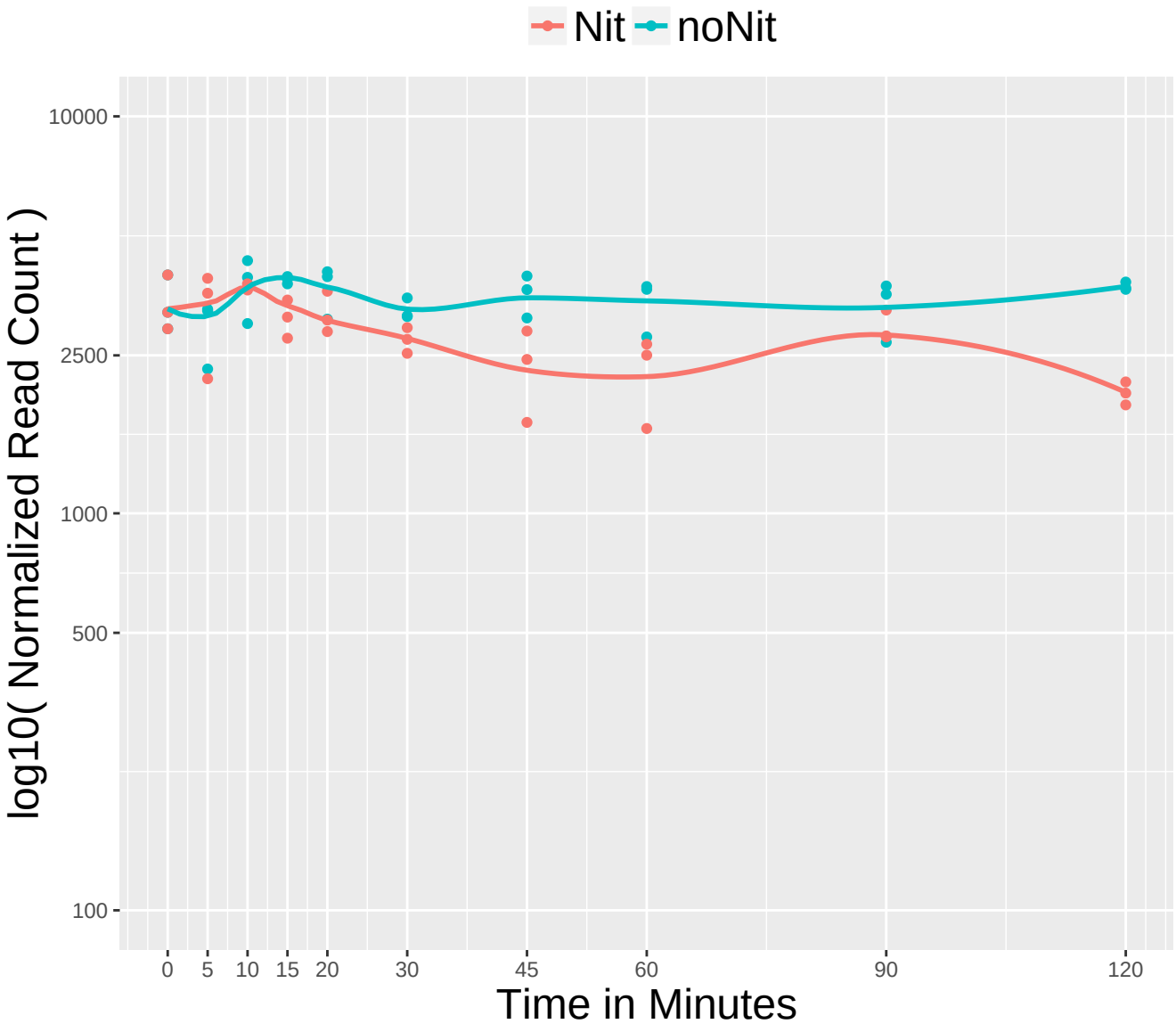
TRM19,TON1



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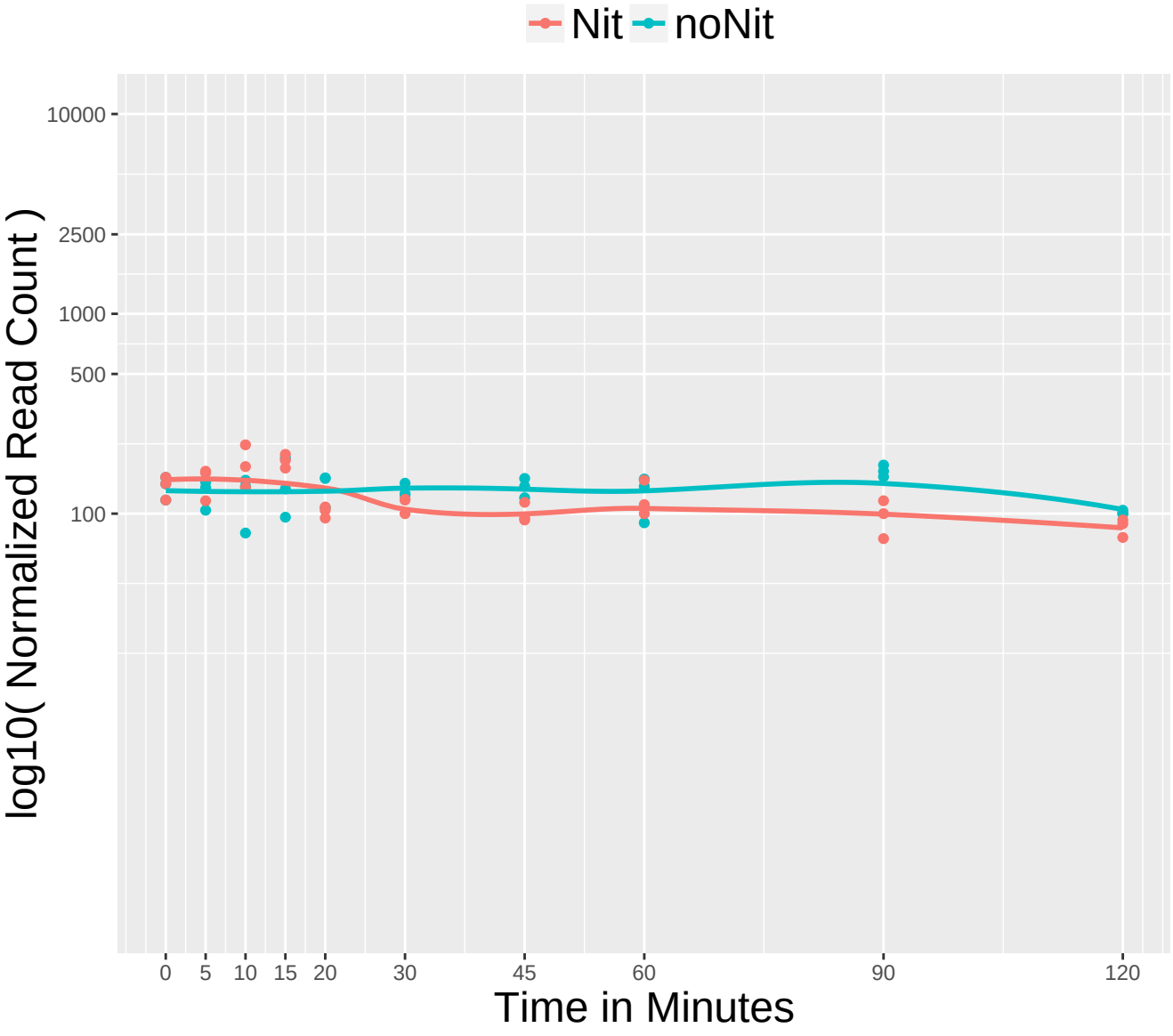
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AT5G06970

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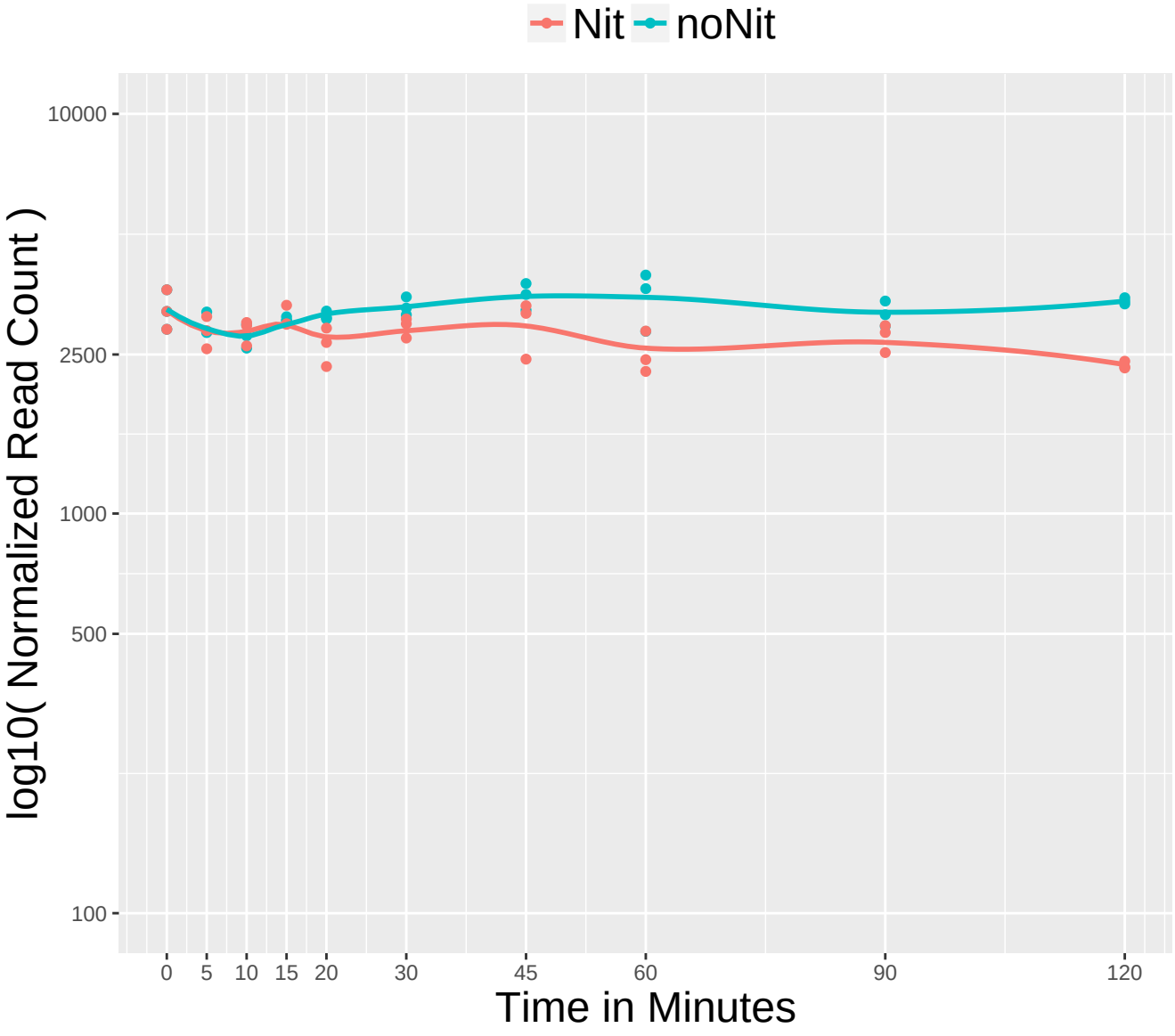

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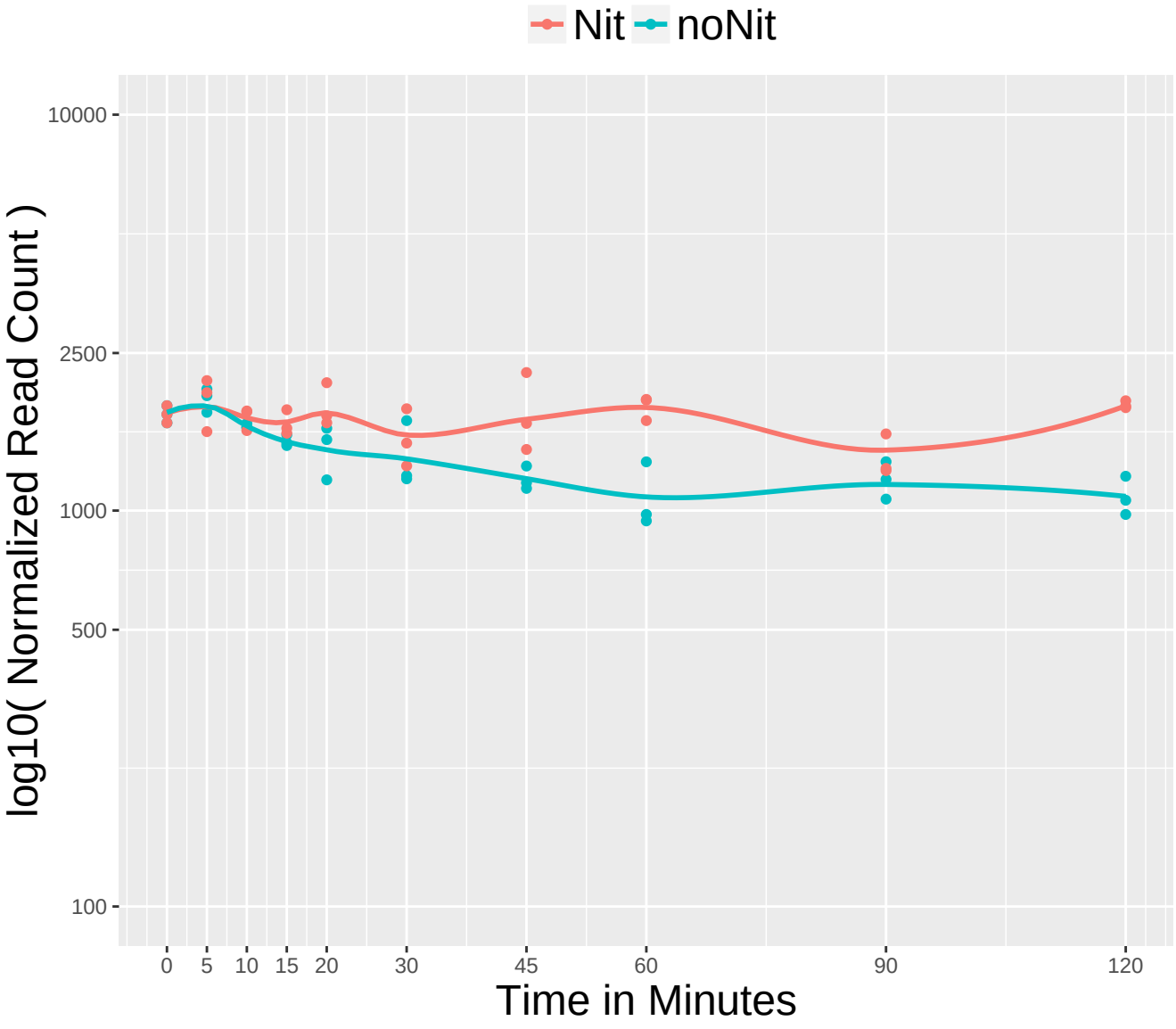
PFD5,prefoldin



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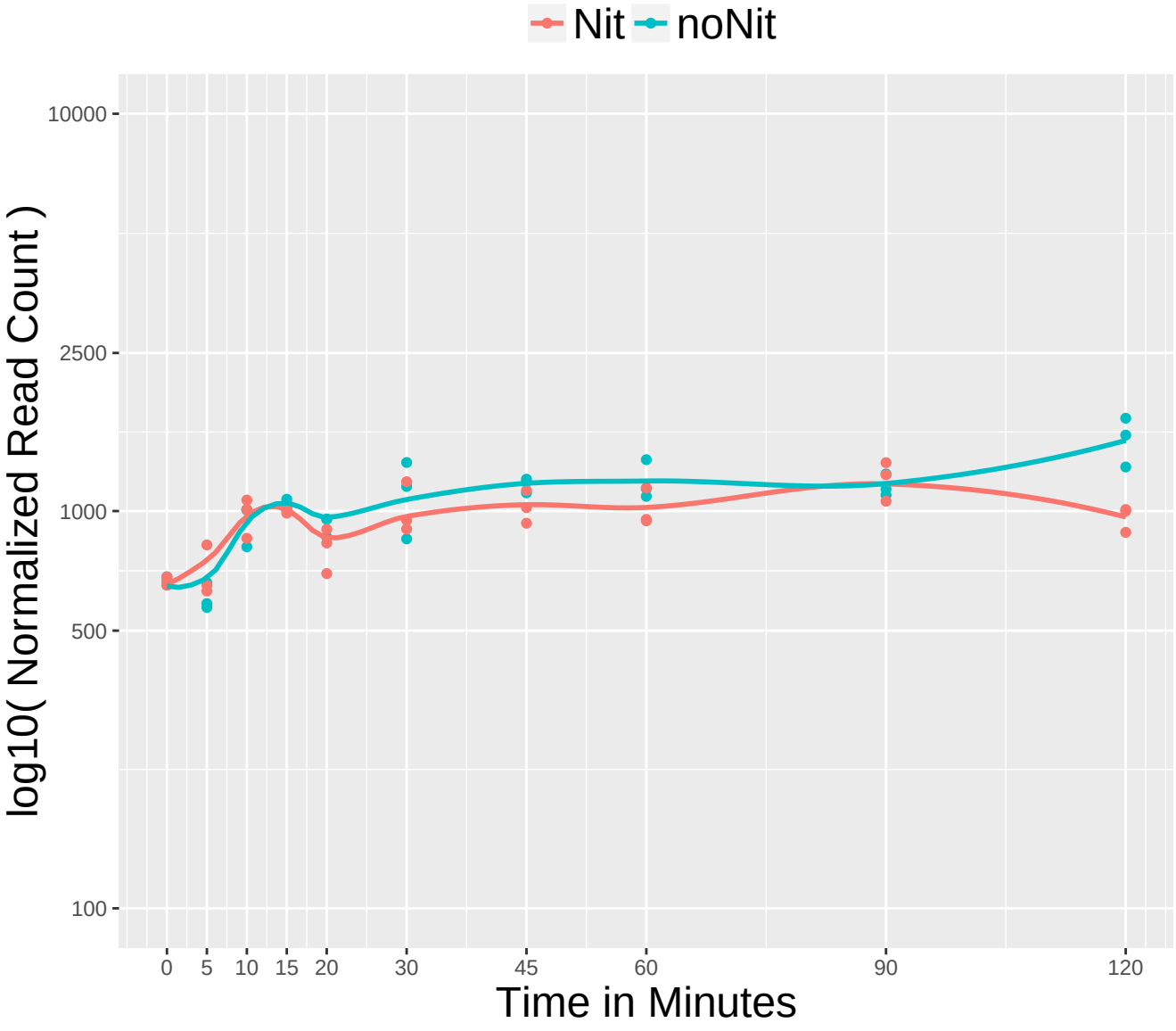
FIM2,fimbrin−like



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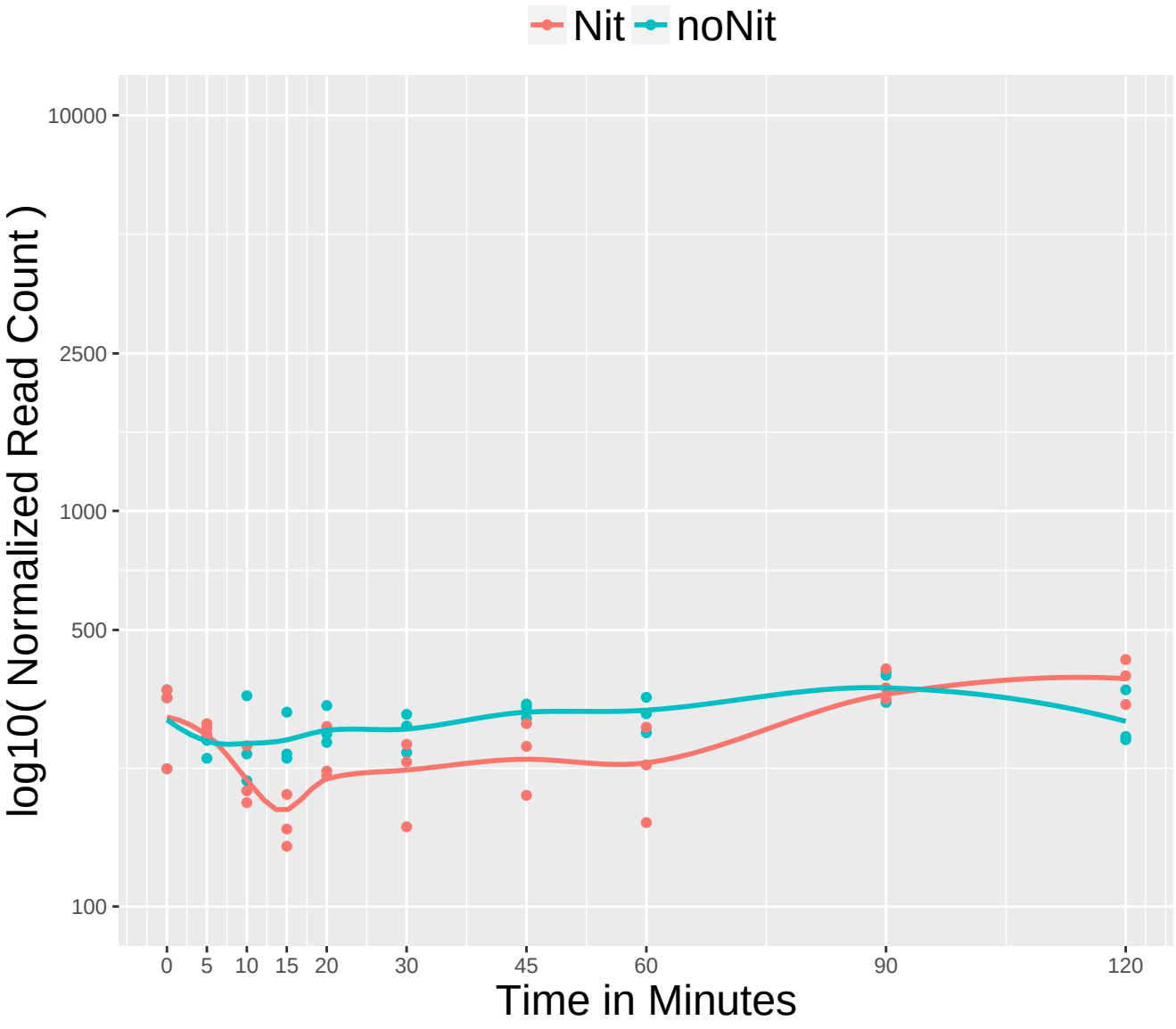
FAD−binding



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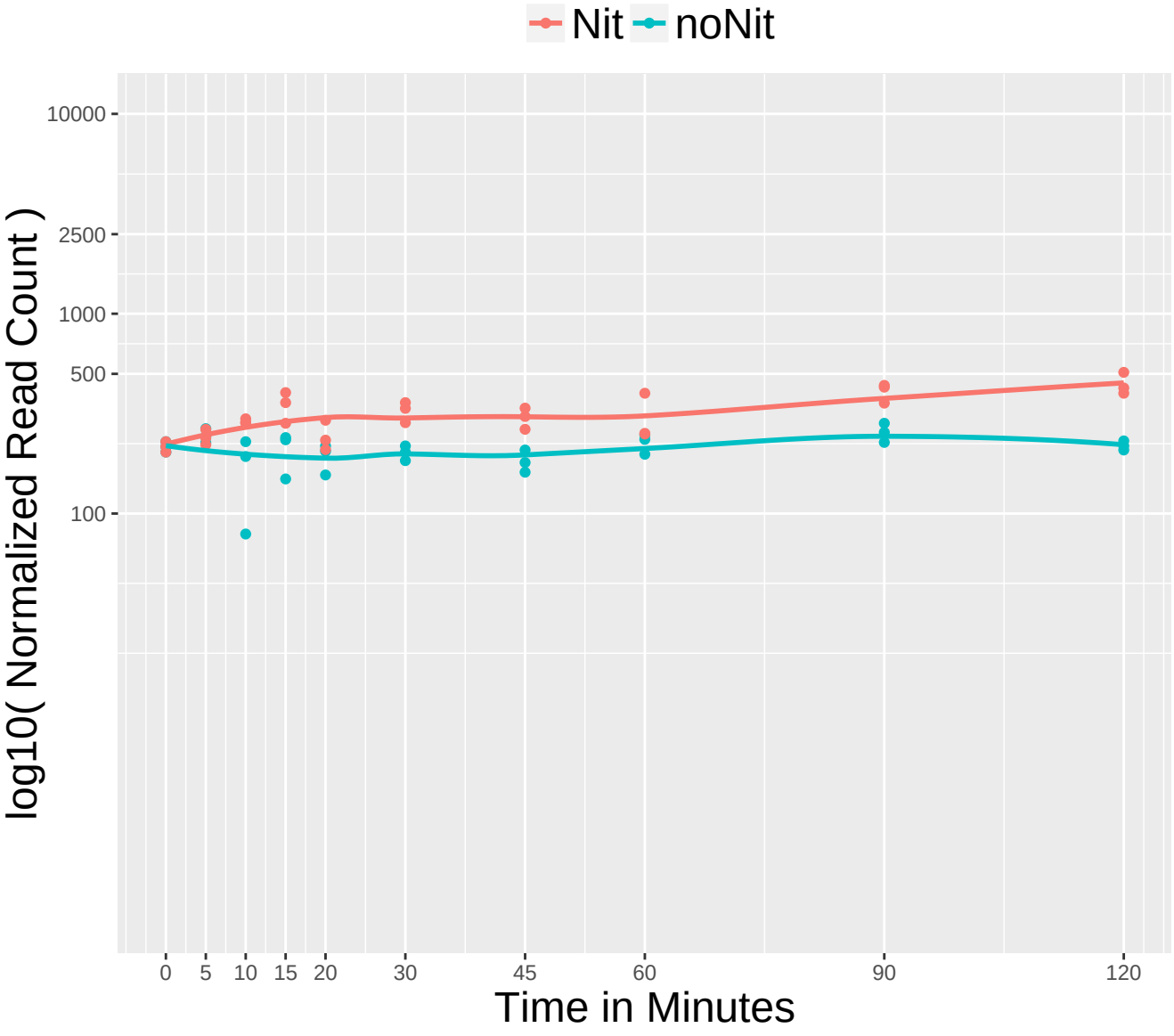
Protein



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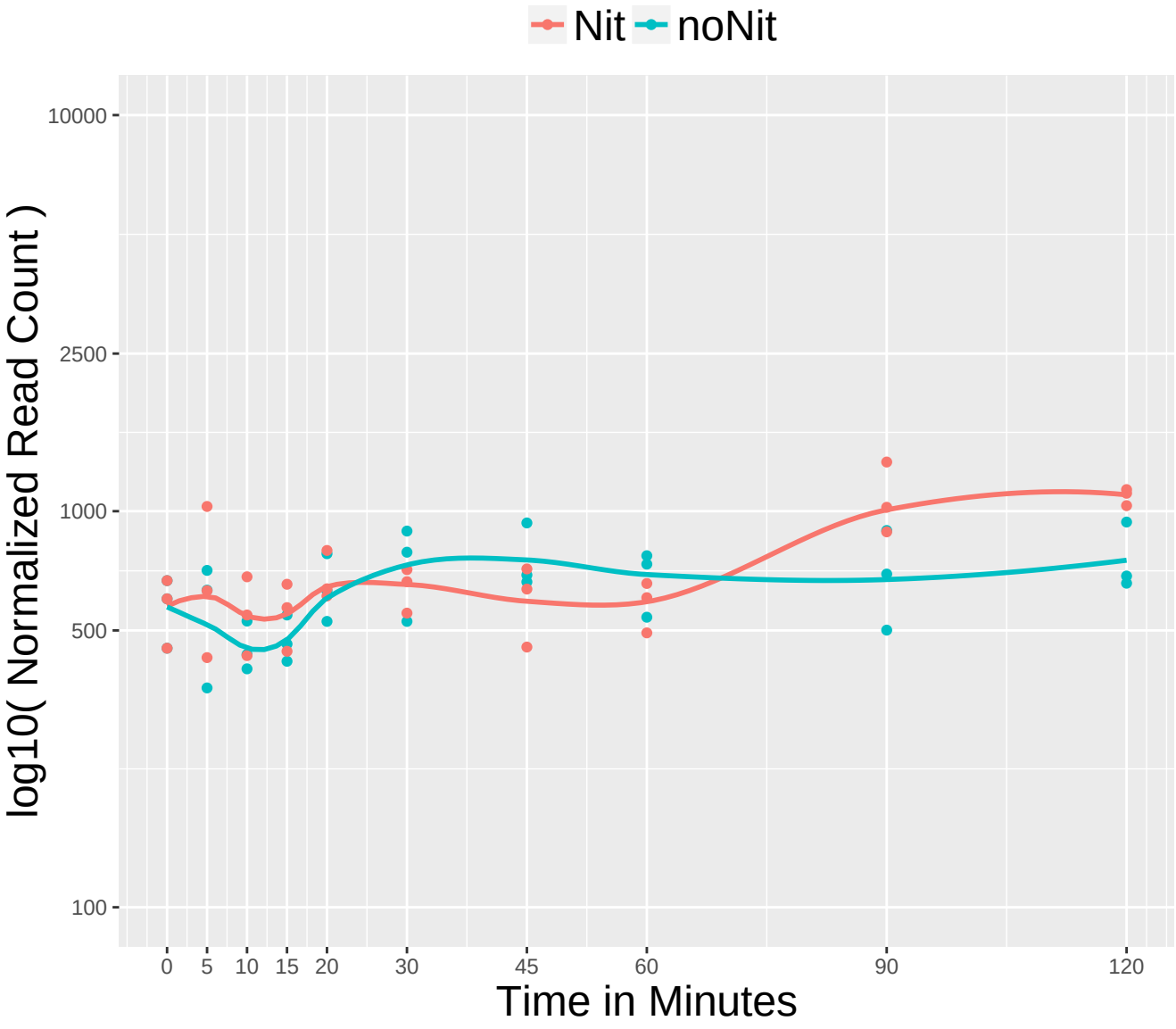
TAT7,tyrosine



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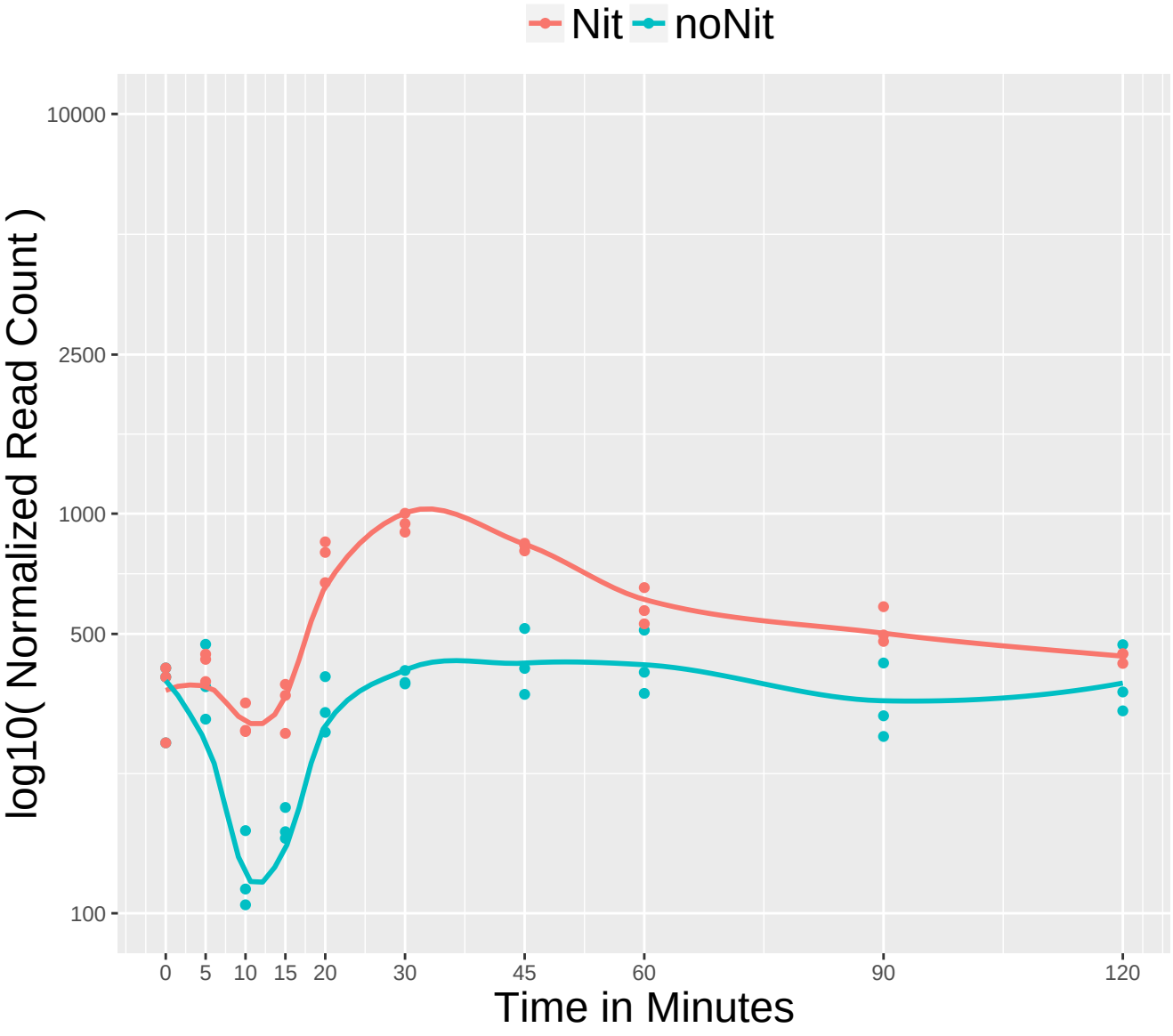
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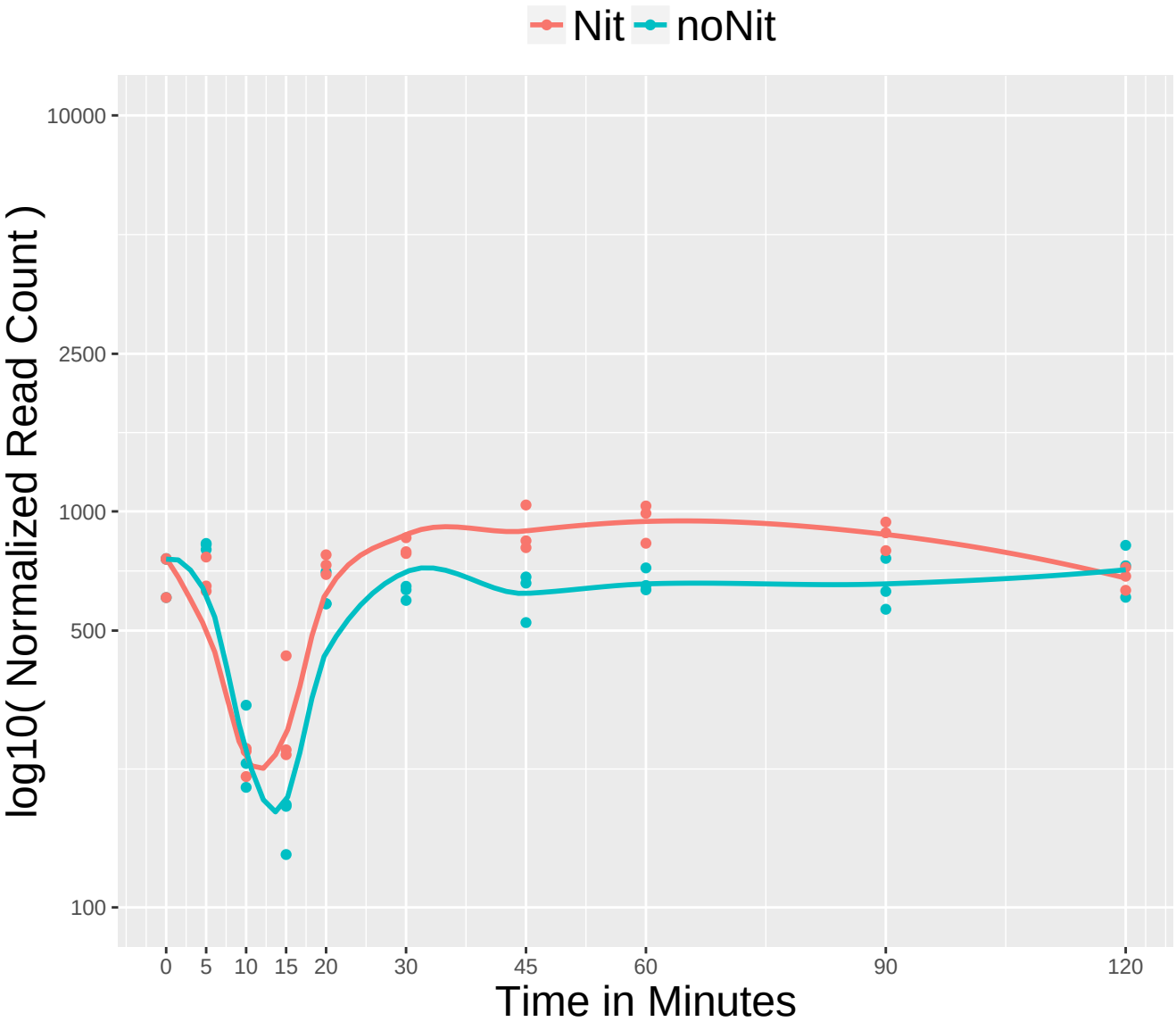
Time in Minutes

AT1G02270

Calcium−binding



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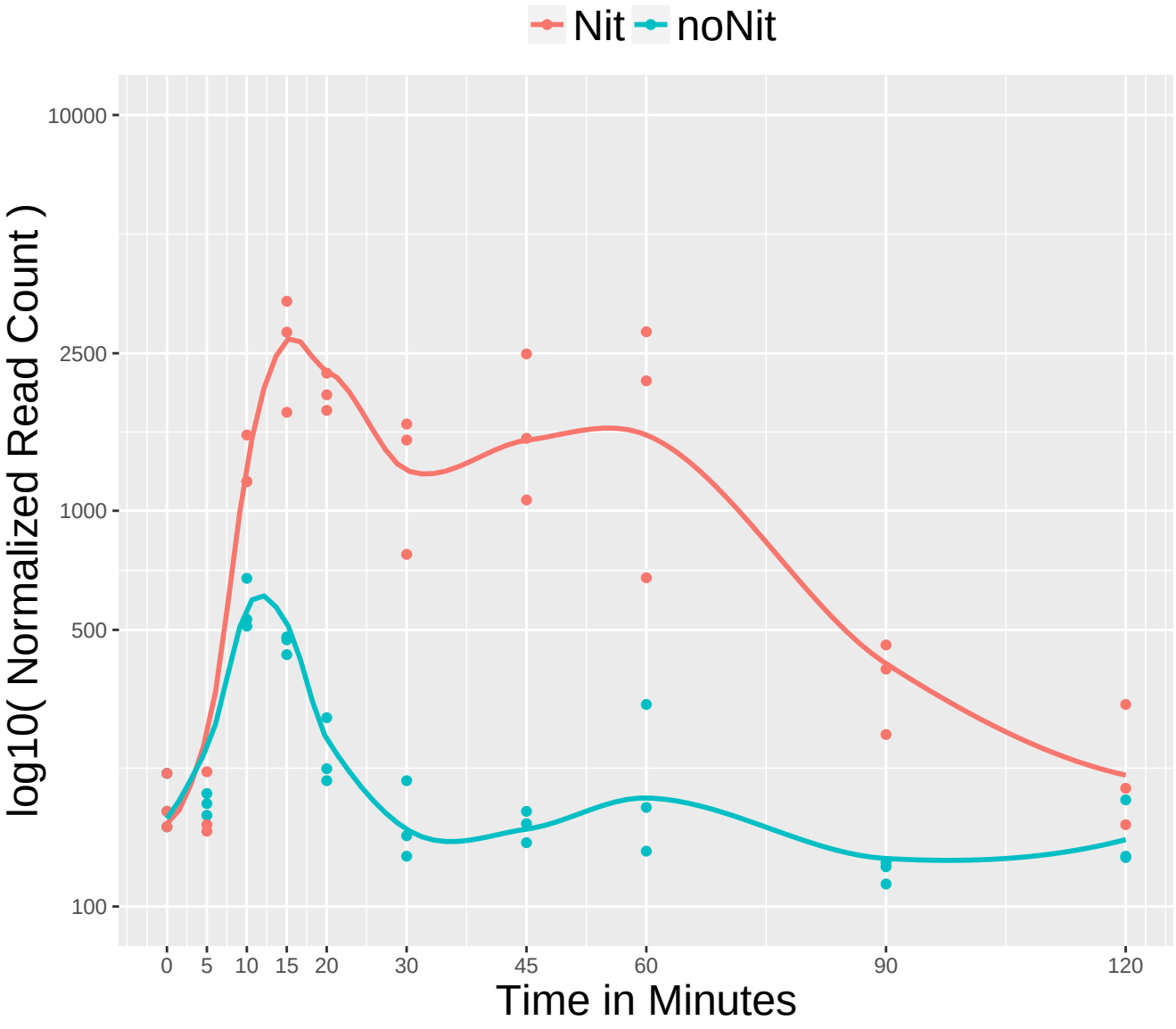
AAA−type



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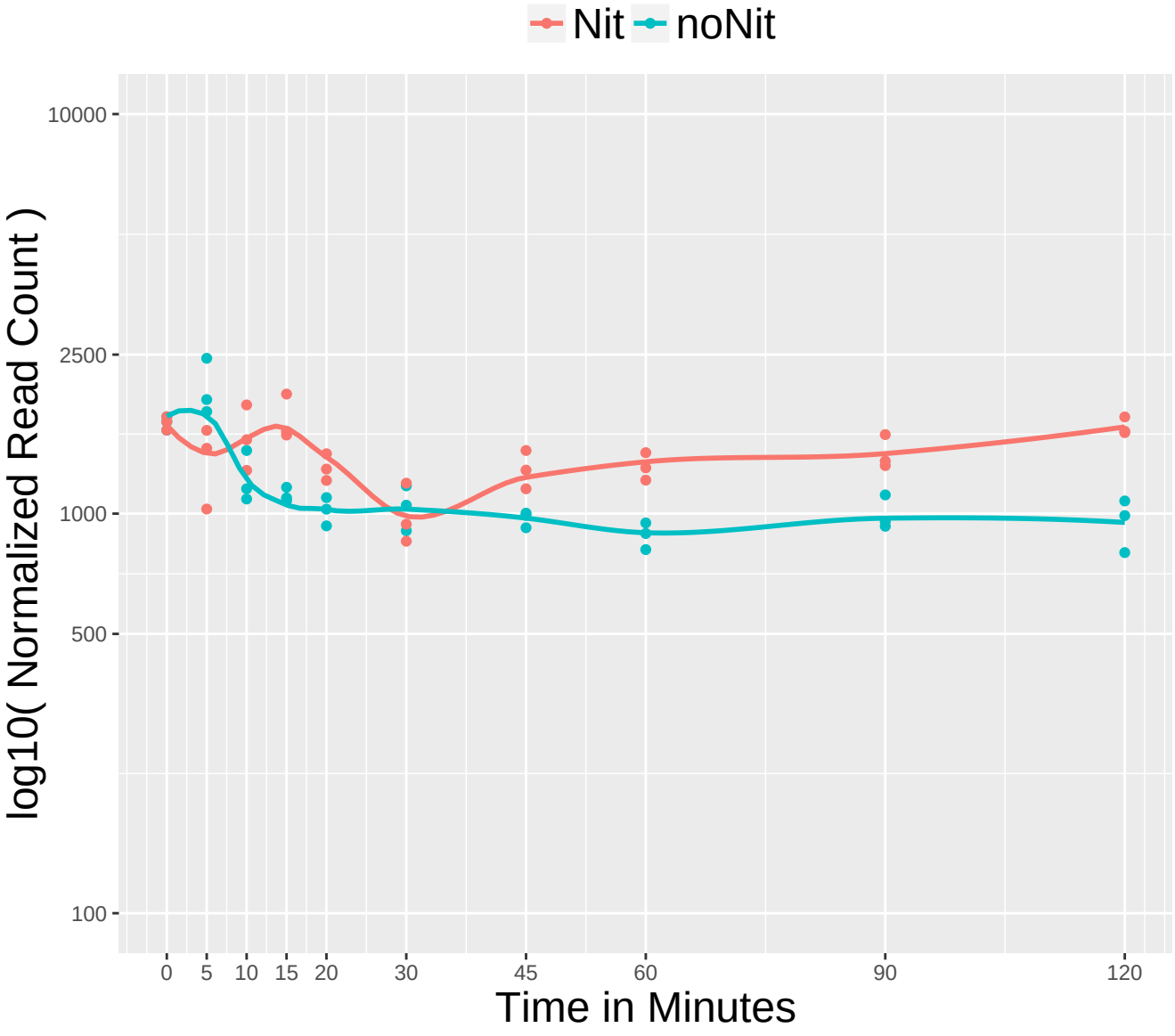
Transducin/WD40



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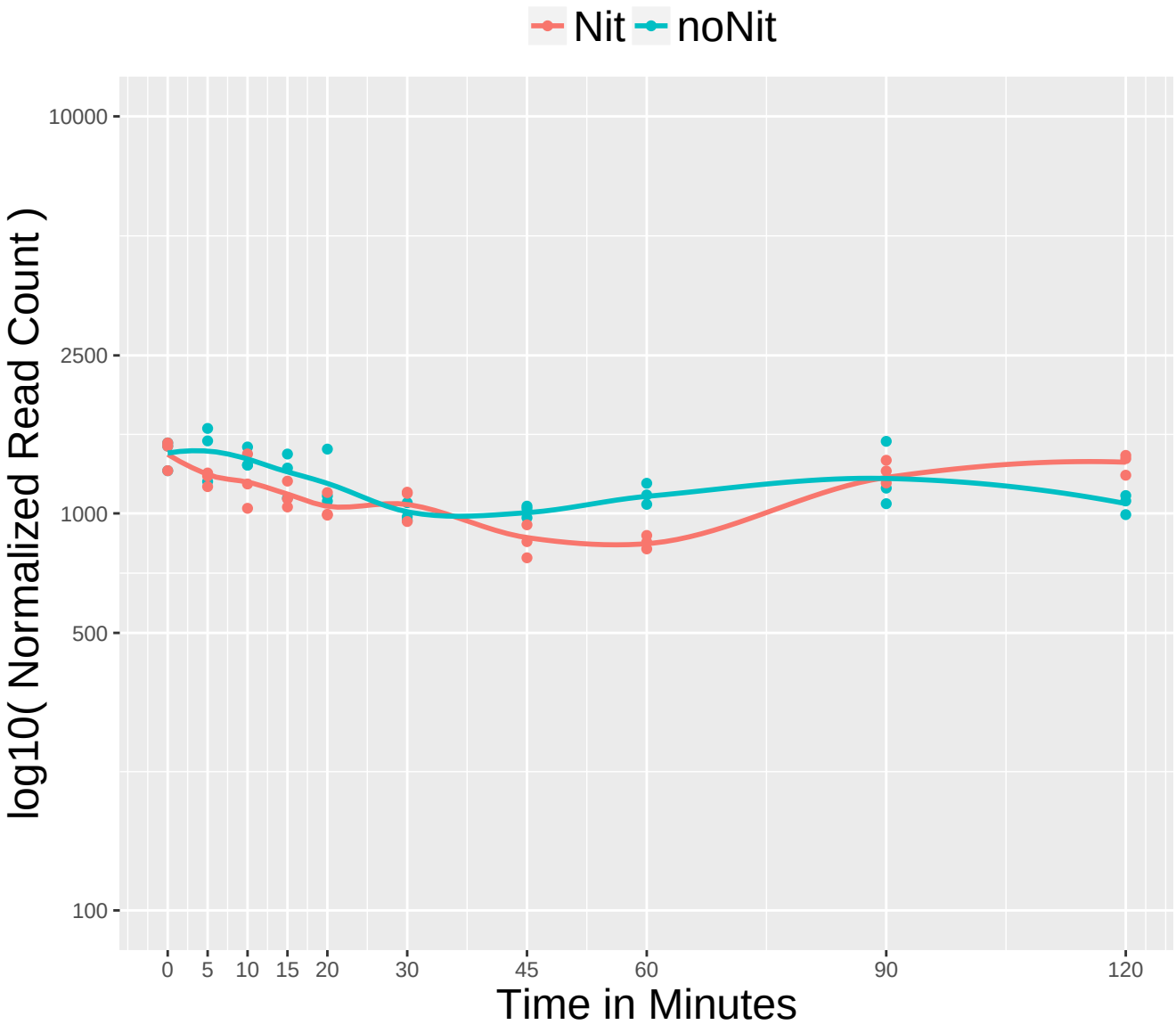
ACT1,ACYLTRANSFERASE



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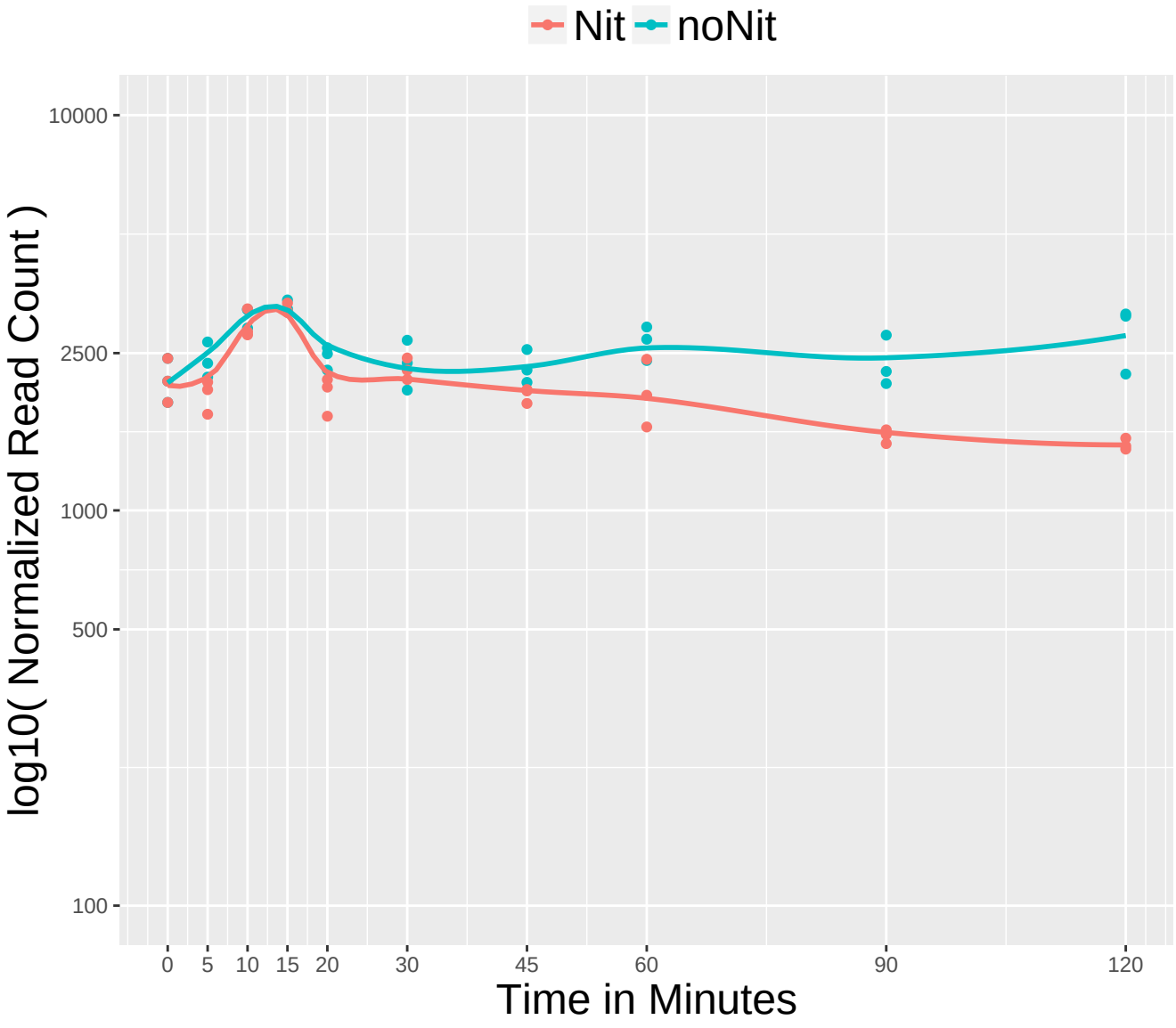
ATDGK5,,DGK5,diacylglycerol



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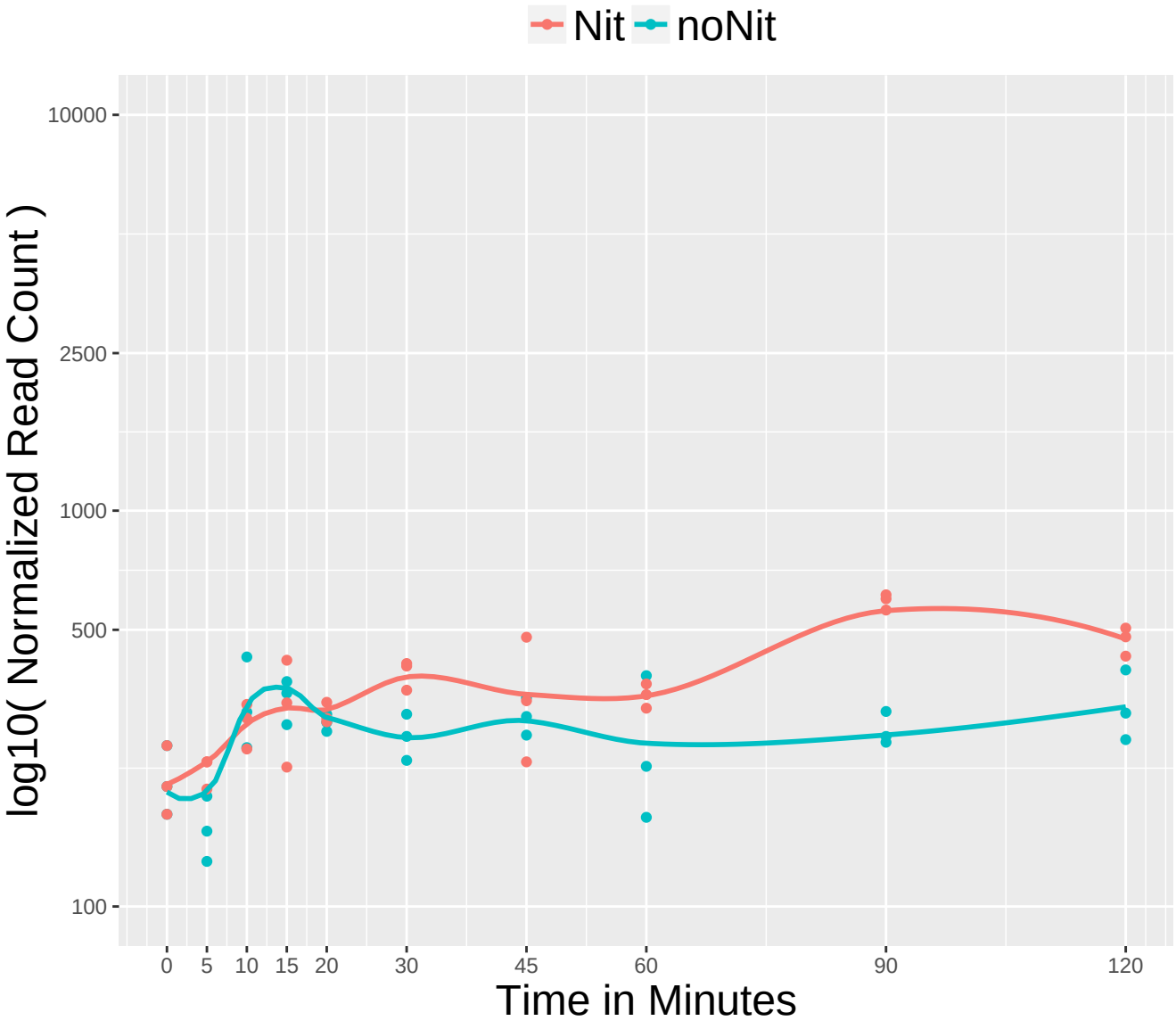
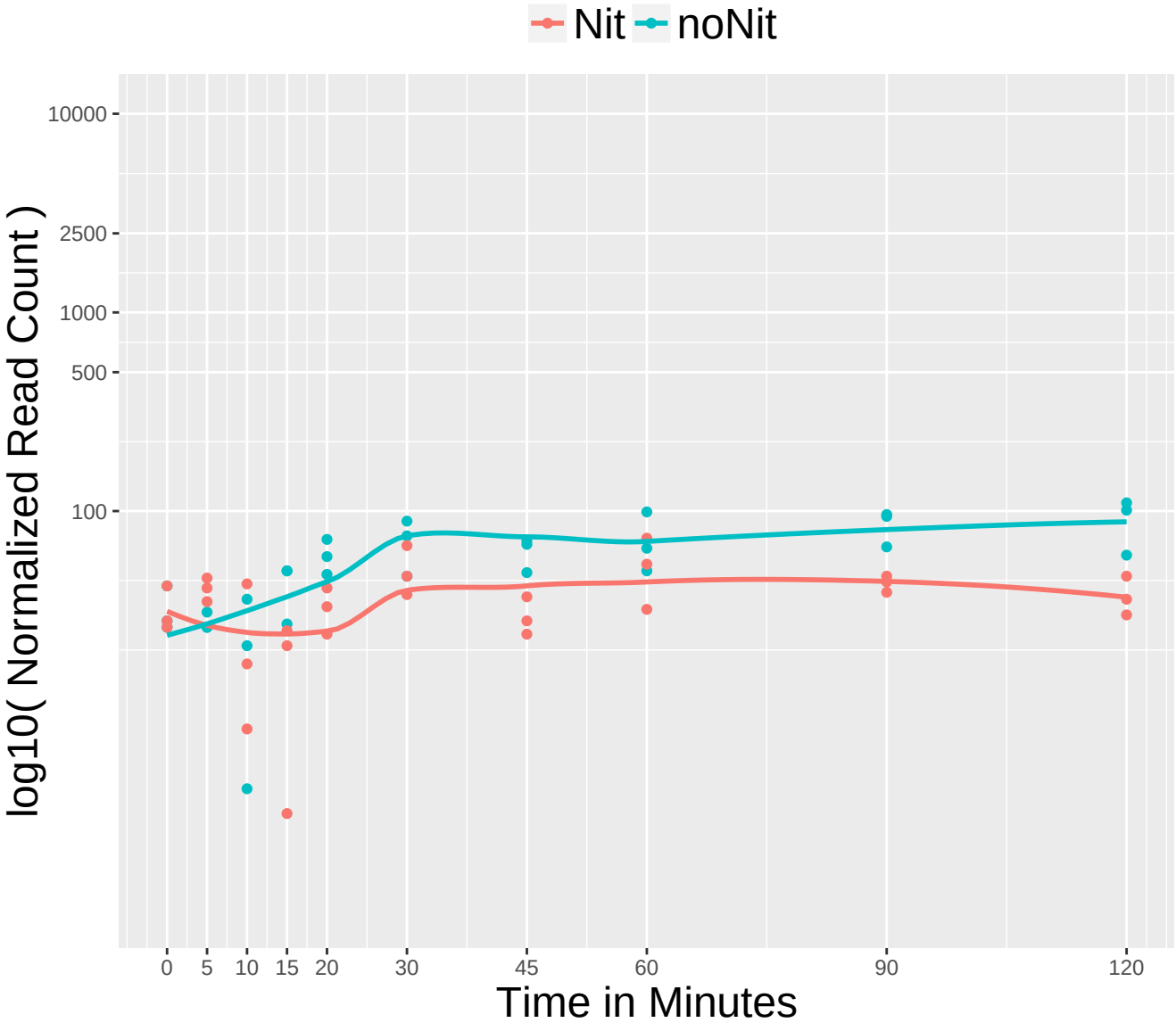
Major



AT2G29410

ATMTPB1,,MTPB1,metal



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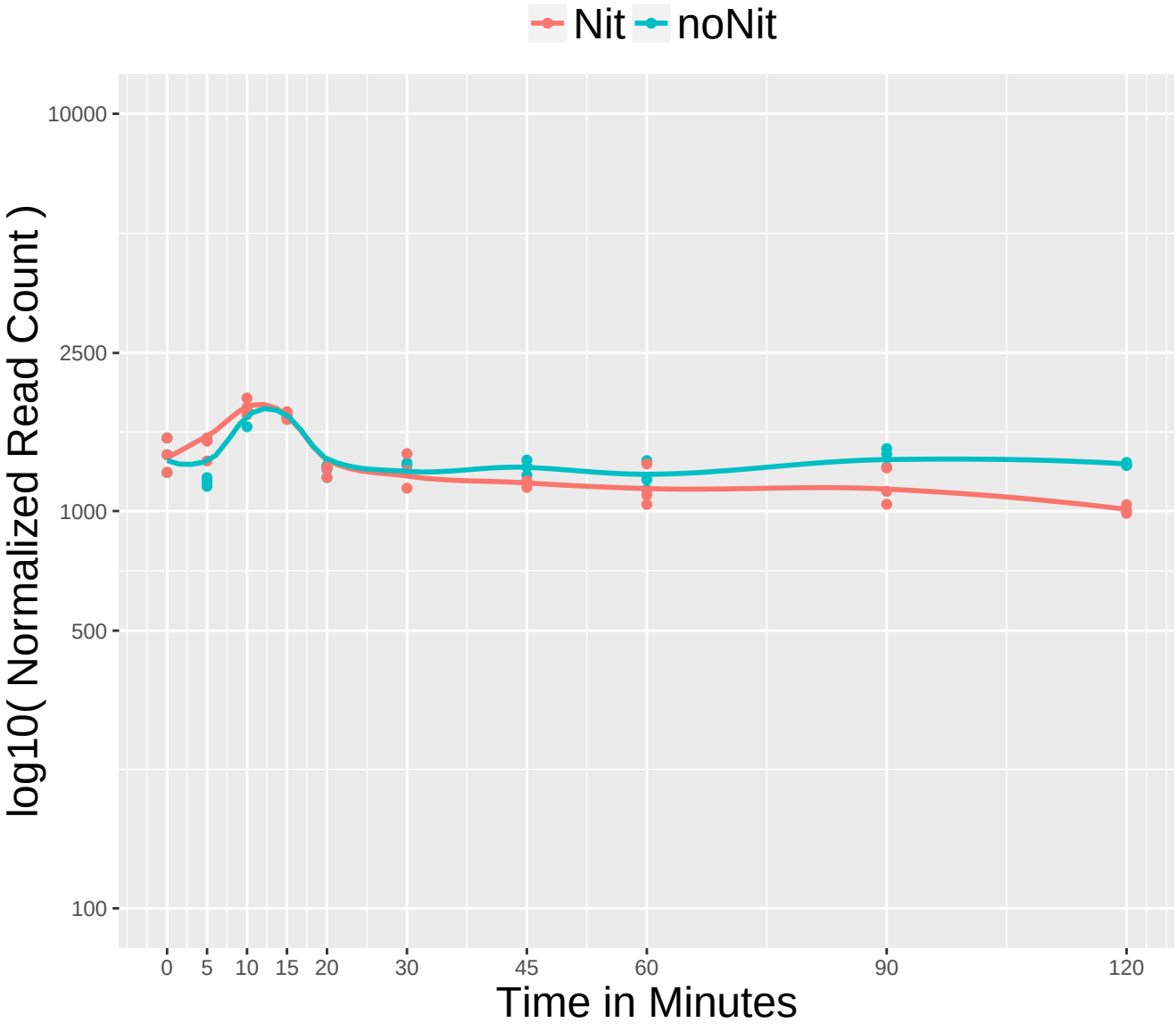

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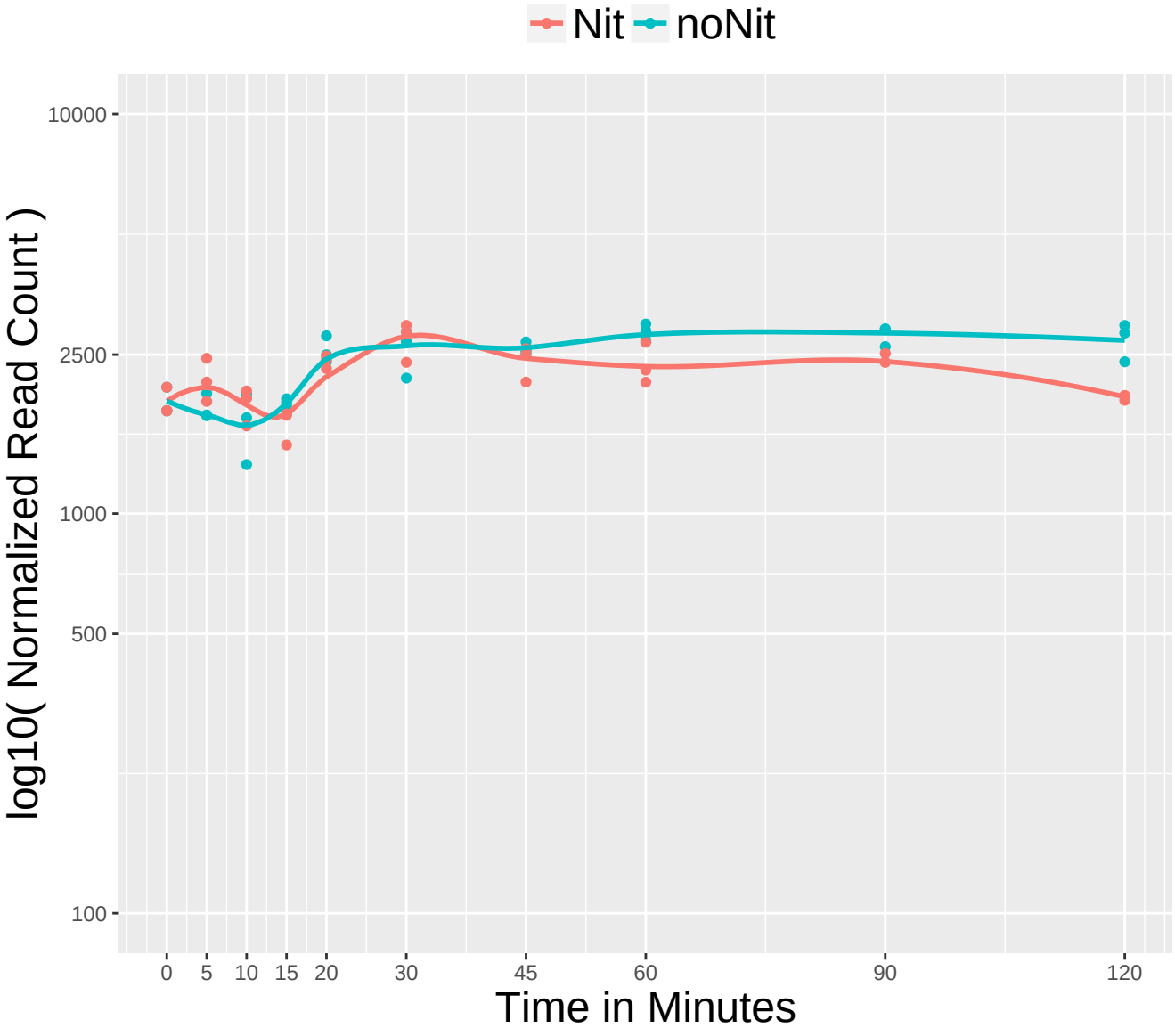
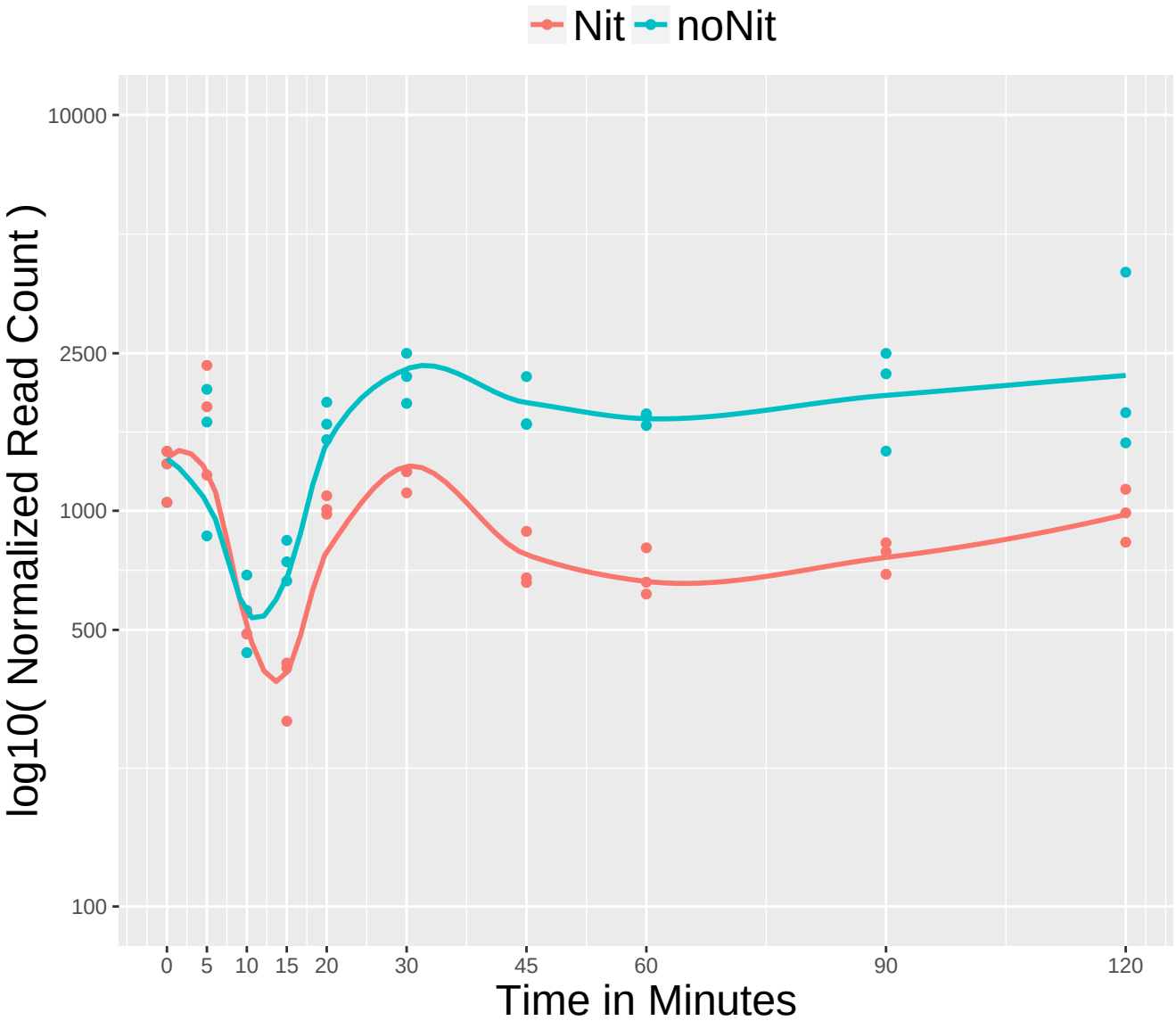


AT3G54150

S−adenosyl−L−methionine−dependent



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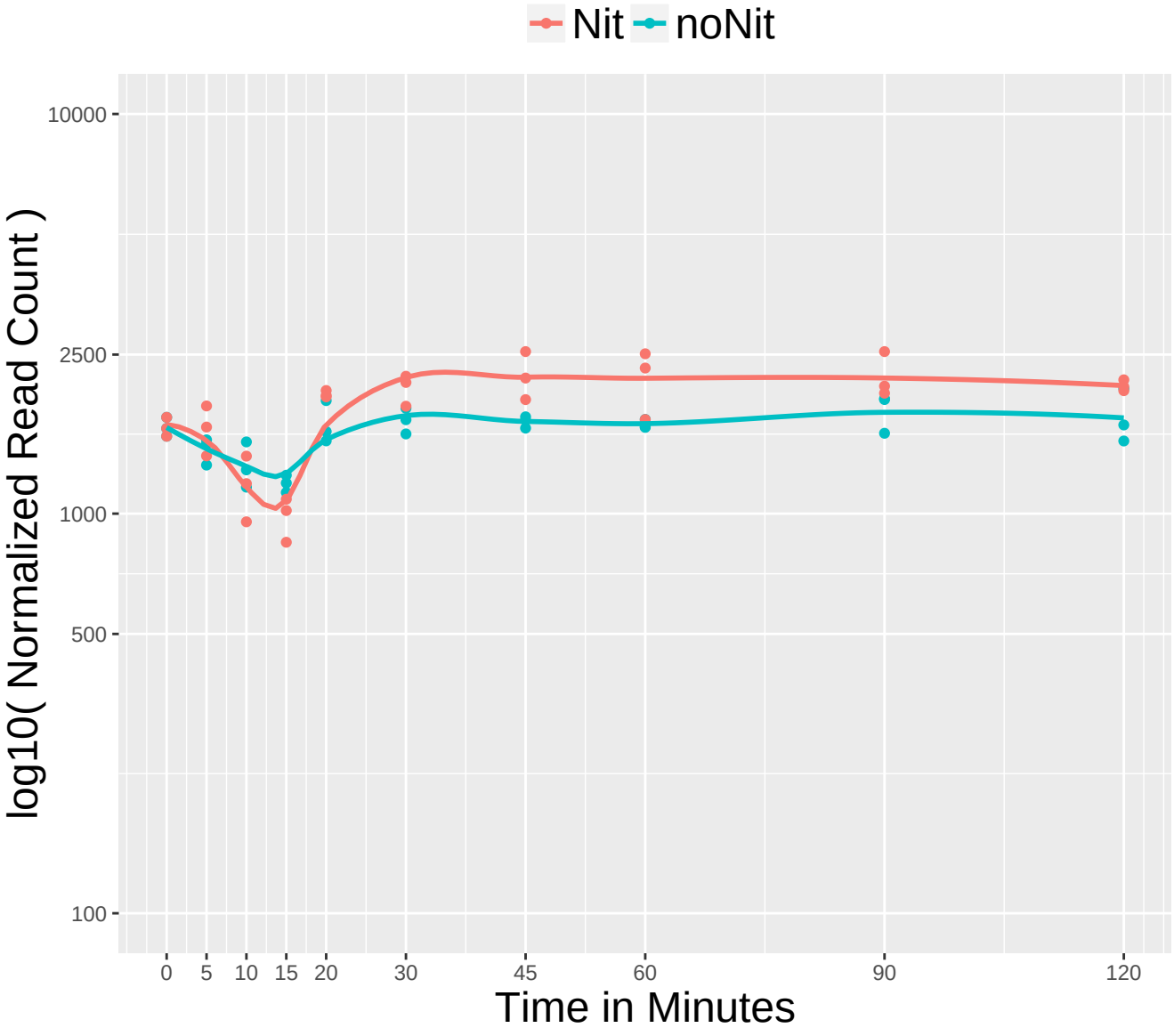
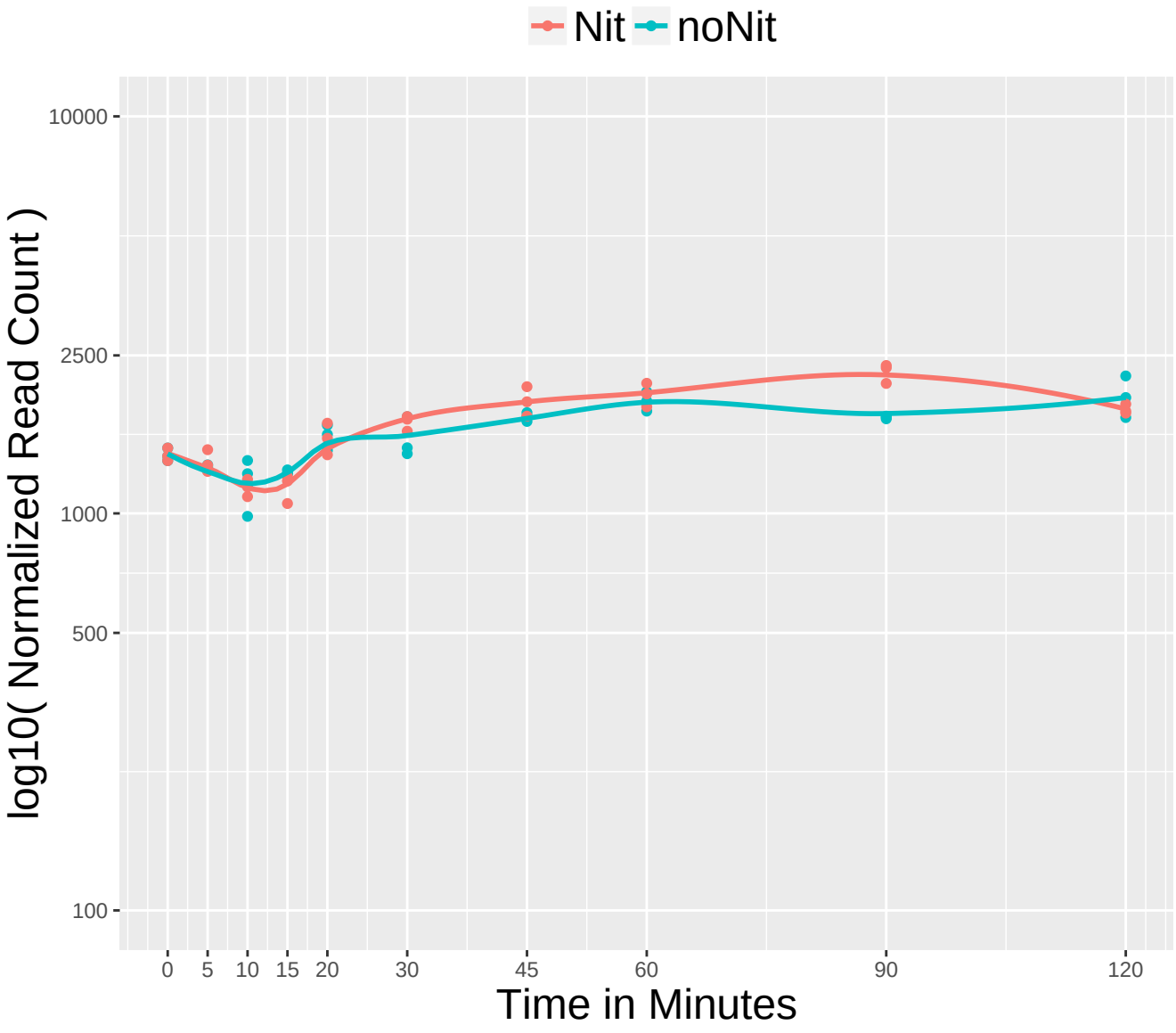
FBL17



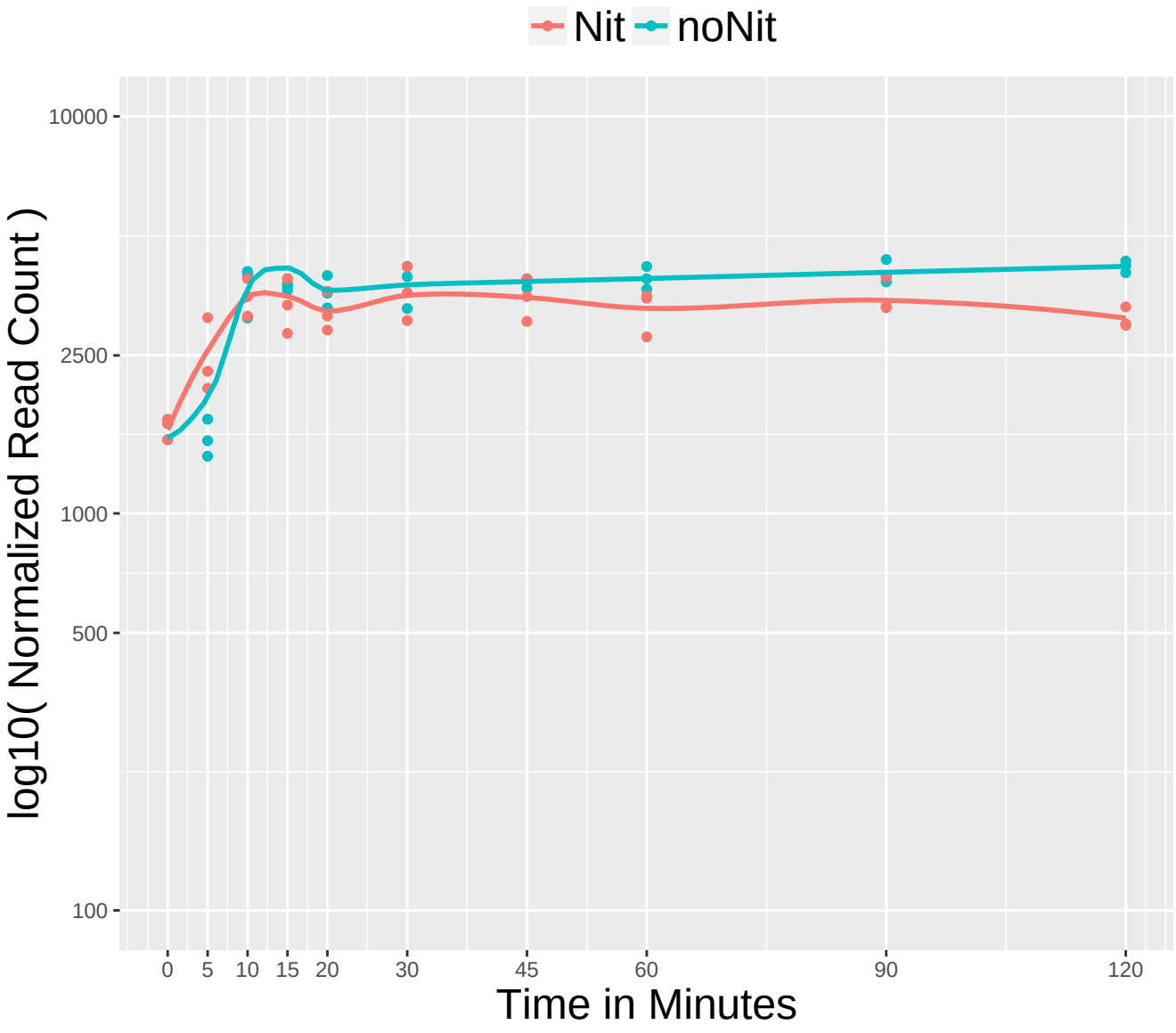
AT4G33650

ADL2,ARABIDOPSIS



AT5G08160

ATPK3,serine/threonine



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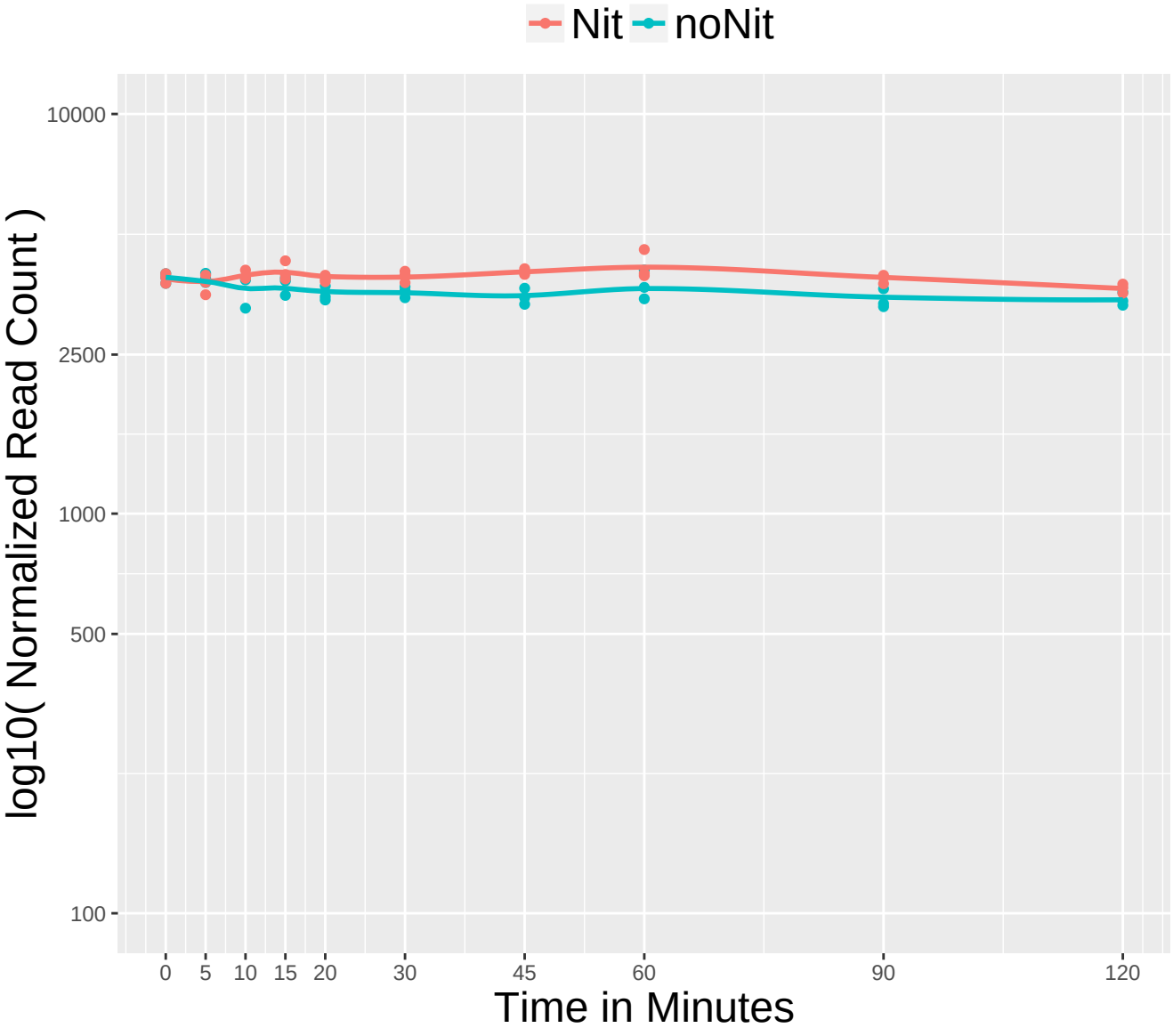
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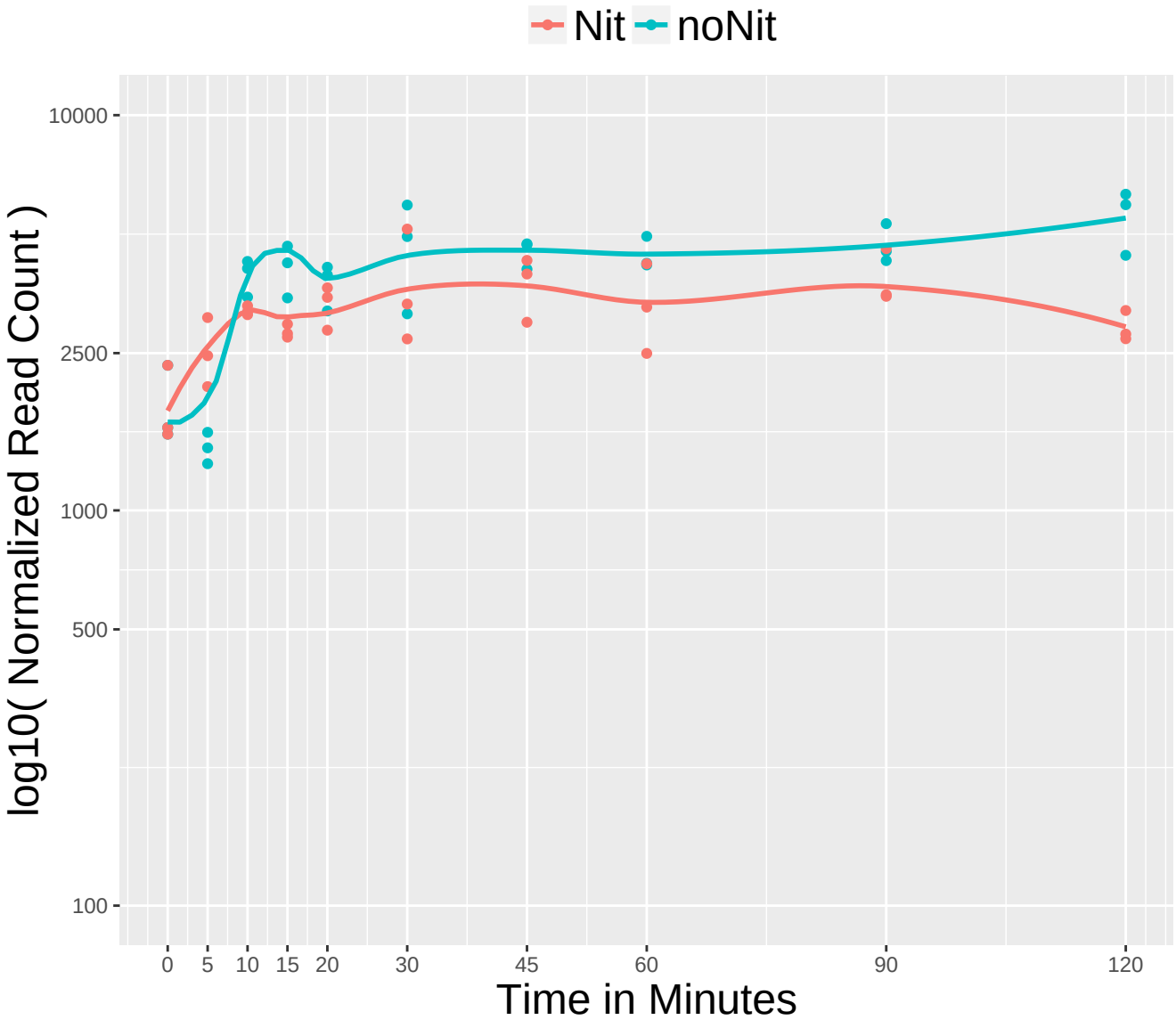
Time in Minutes

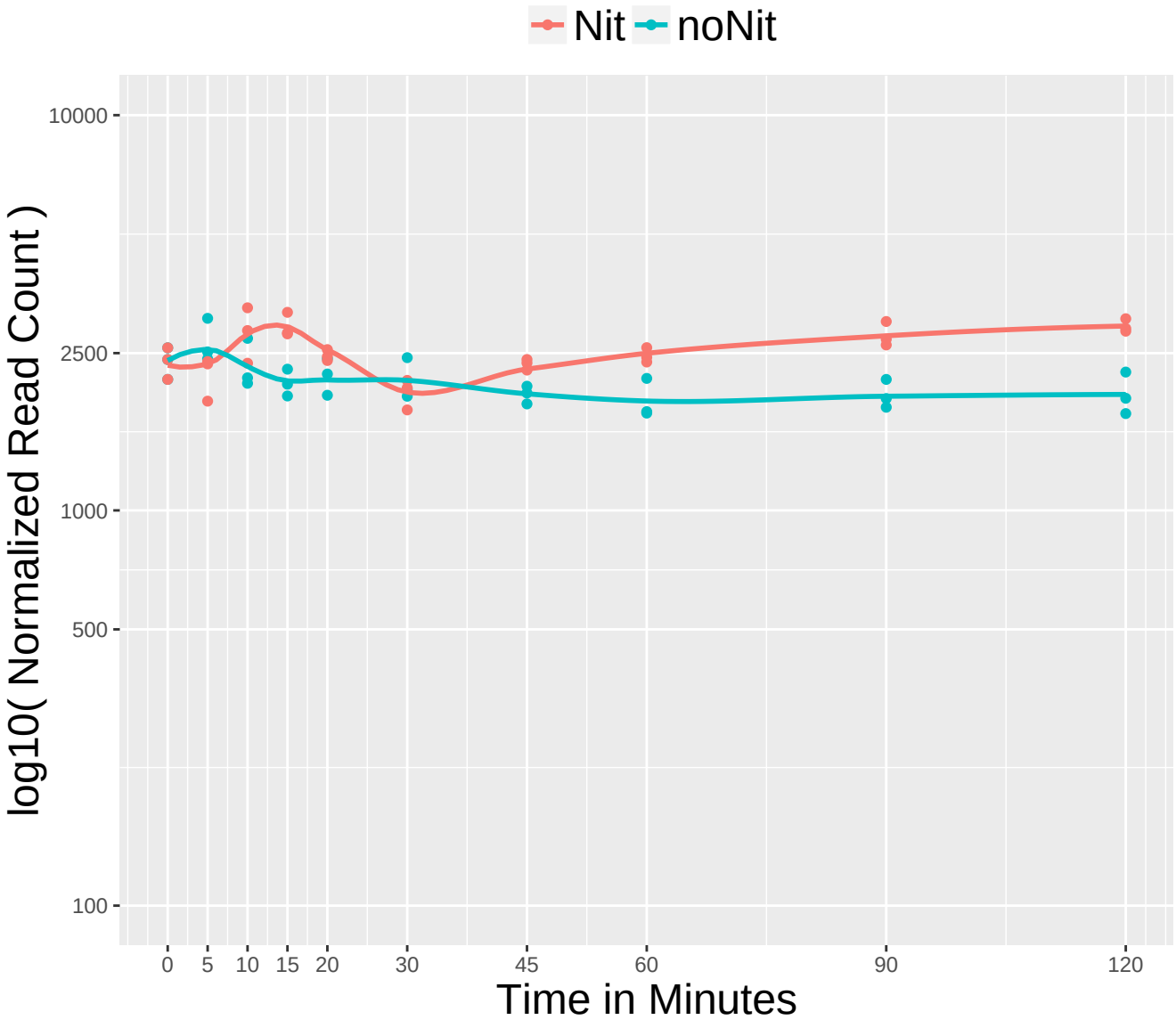
AT5G15490

UGD3,UDP−glucose



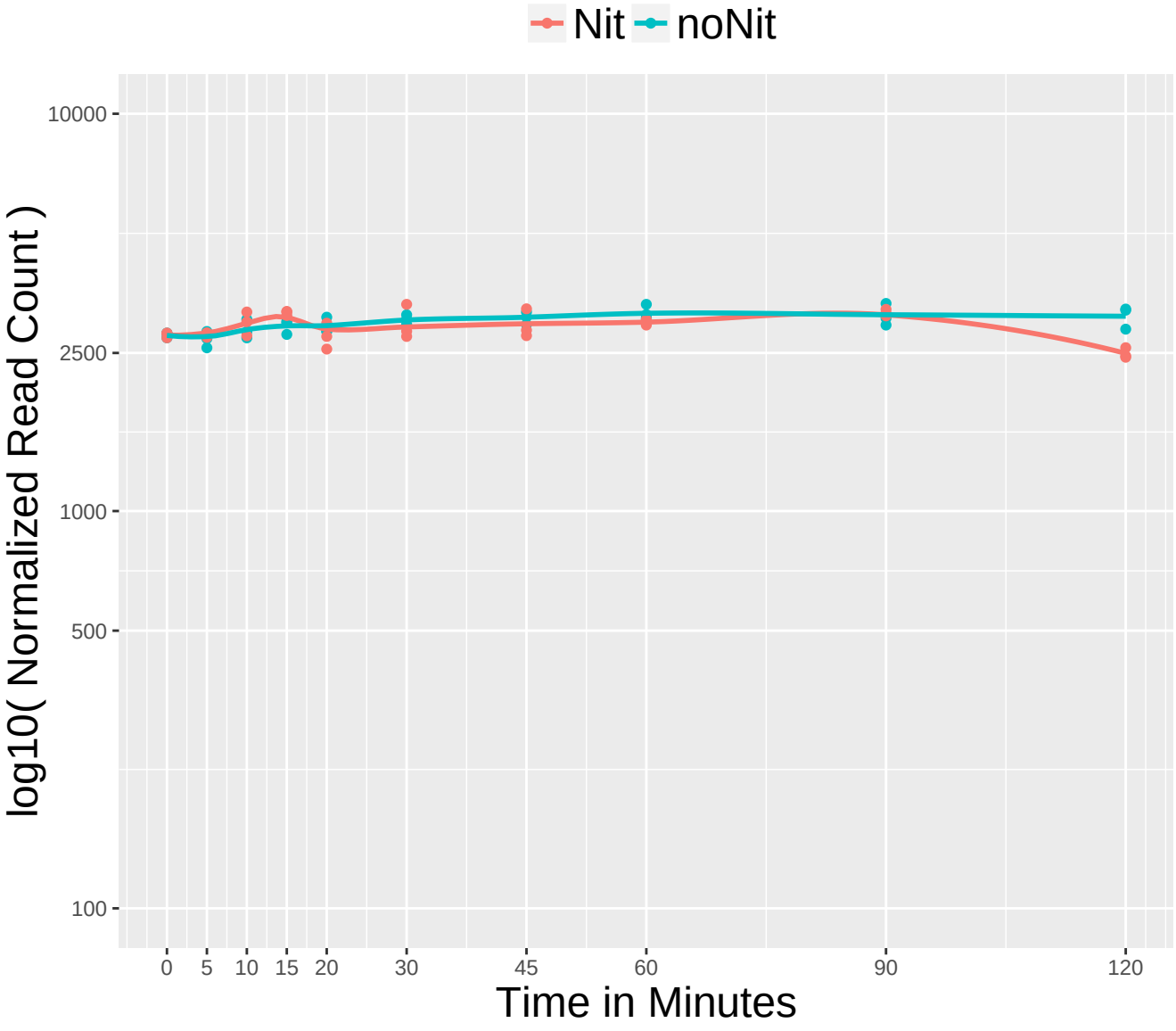
AT5G15810

N2,N2−dimethylguanosine



AT5G21990

AtTPR7,,OEP61,outer



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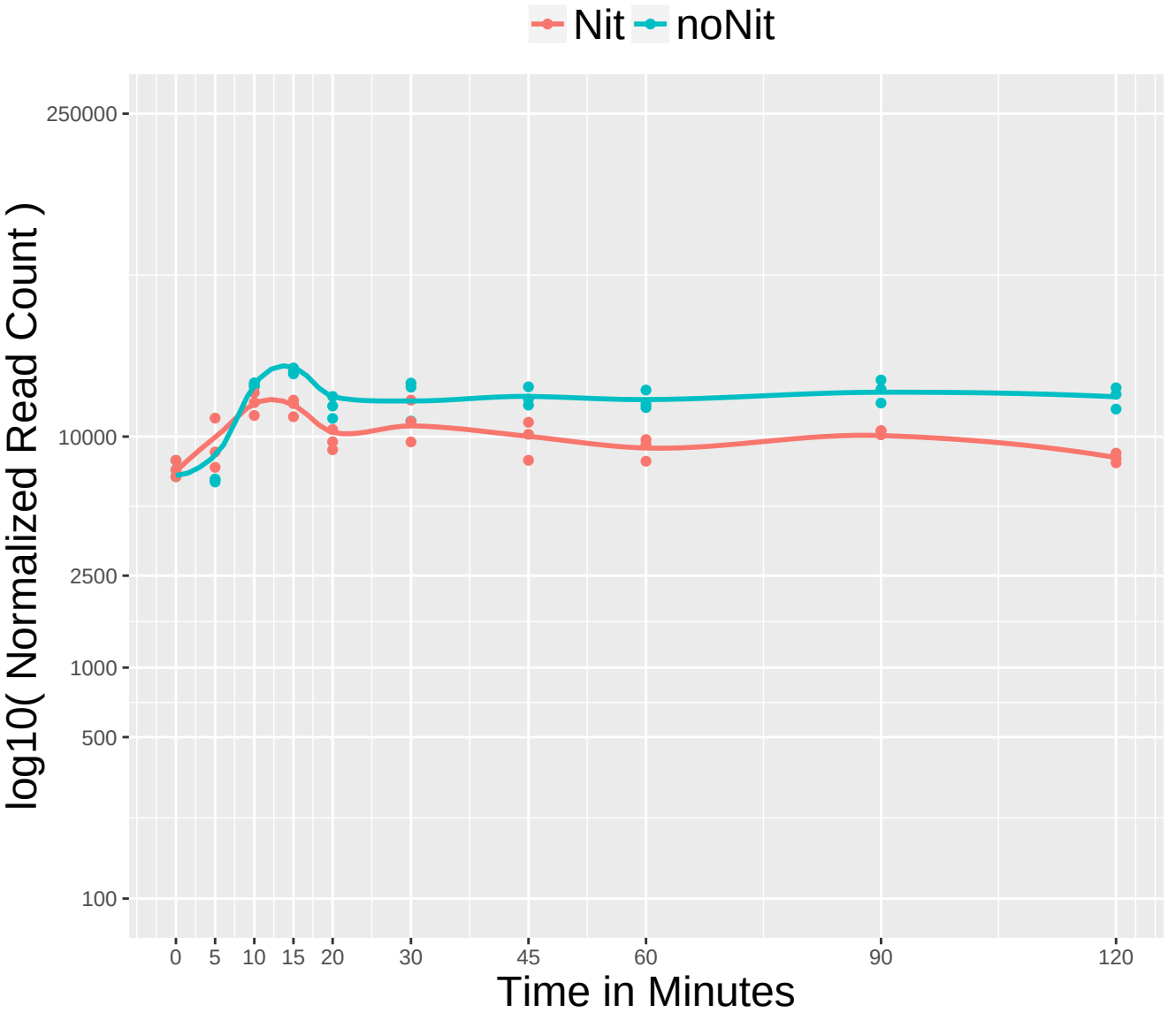
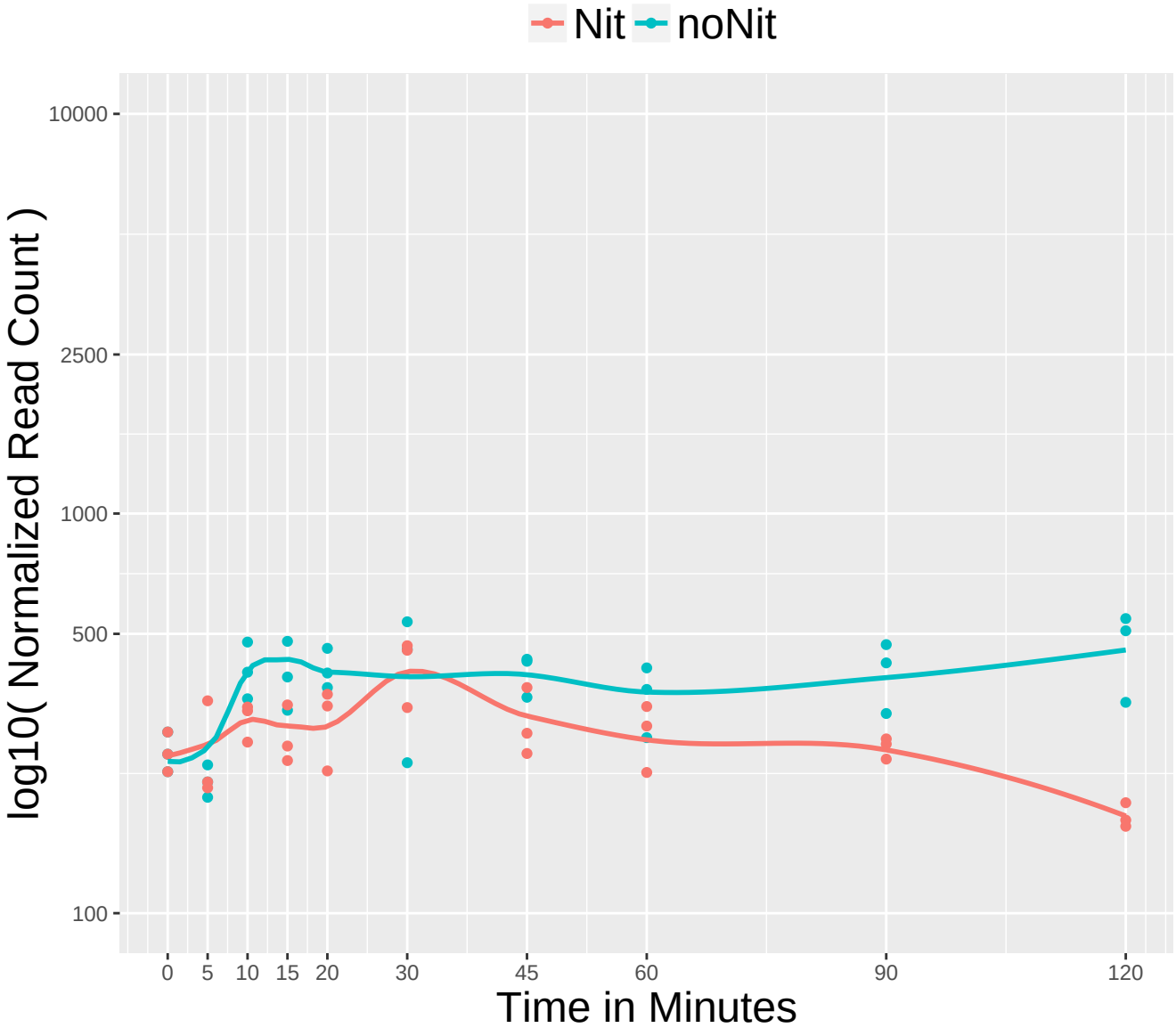
RD21B,esponsive



AT5G45220

Disease



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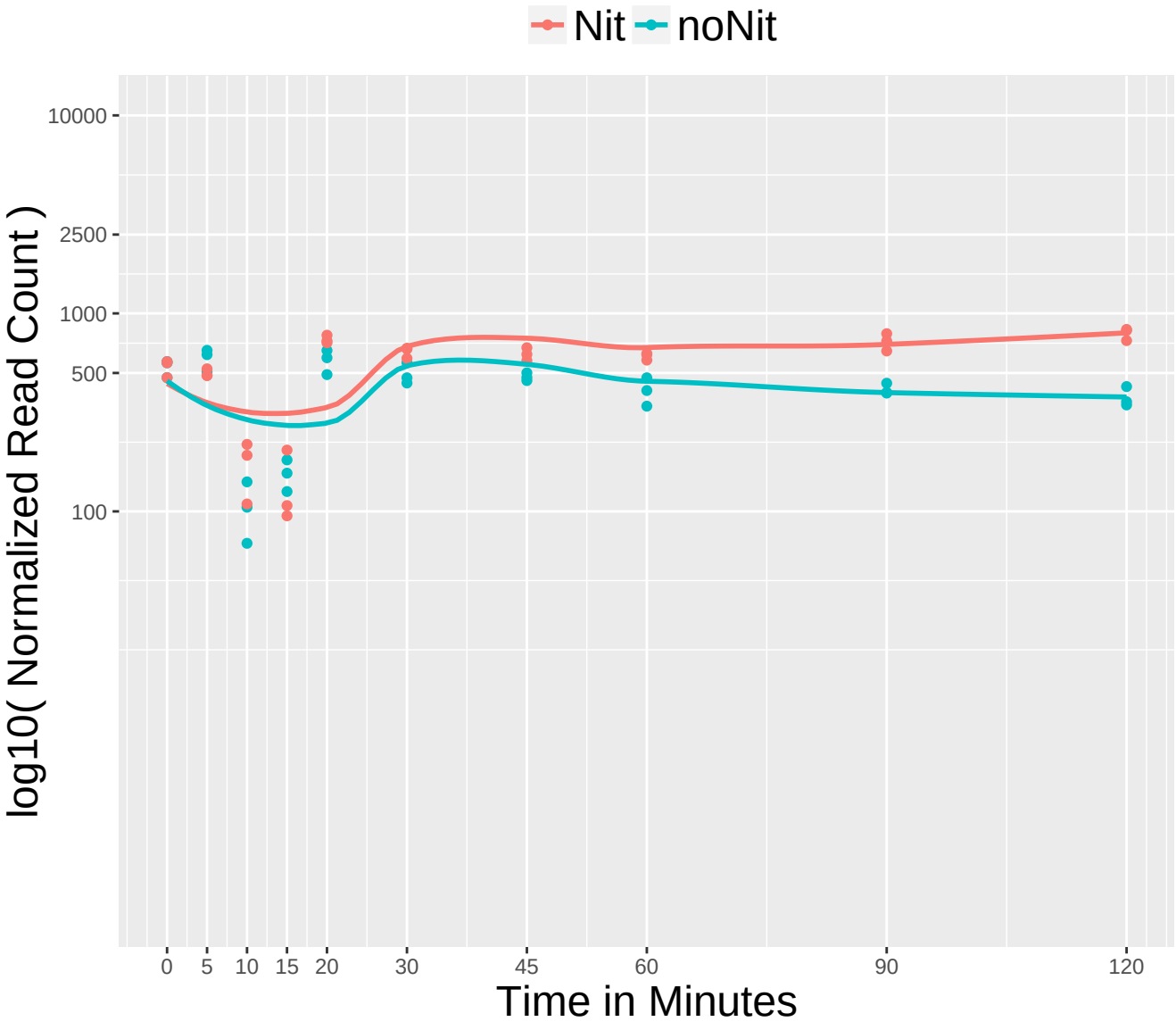
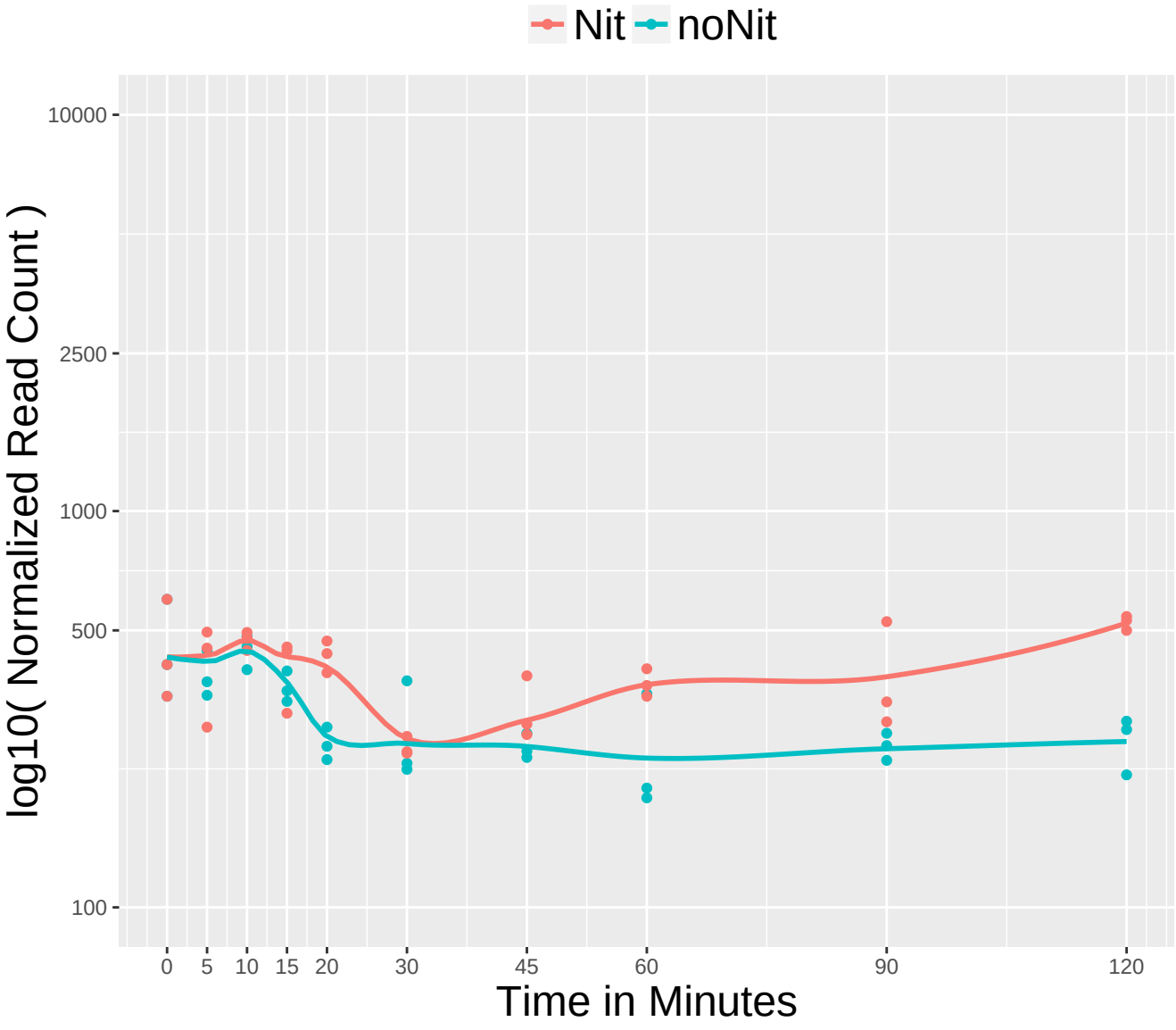
Nucleotide/sugar



AT1G21600

PTAC6,plastid



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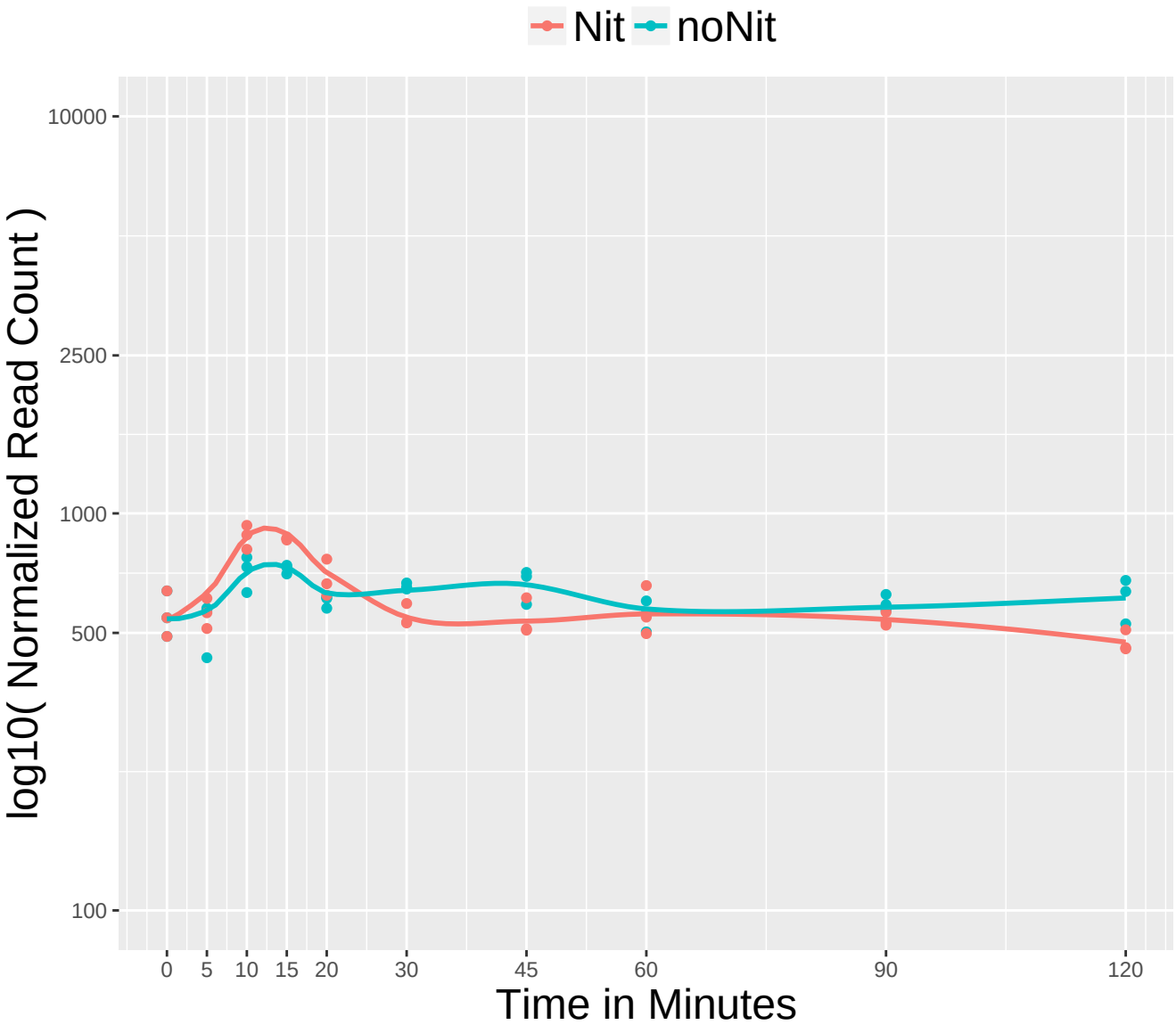
ATPUB45,ARABIDOPSIS



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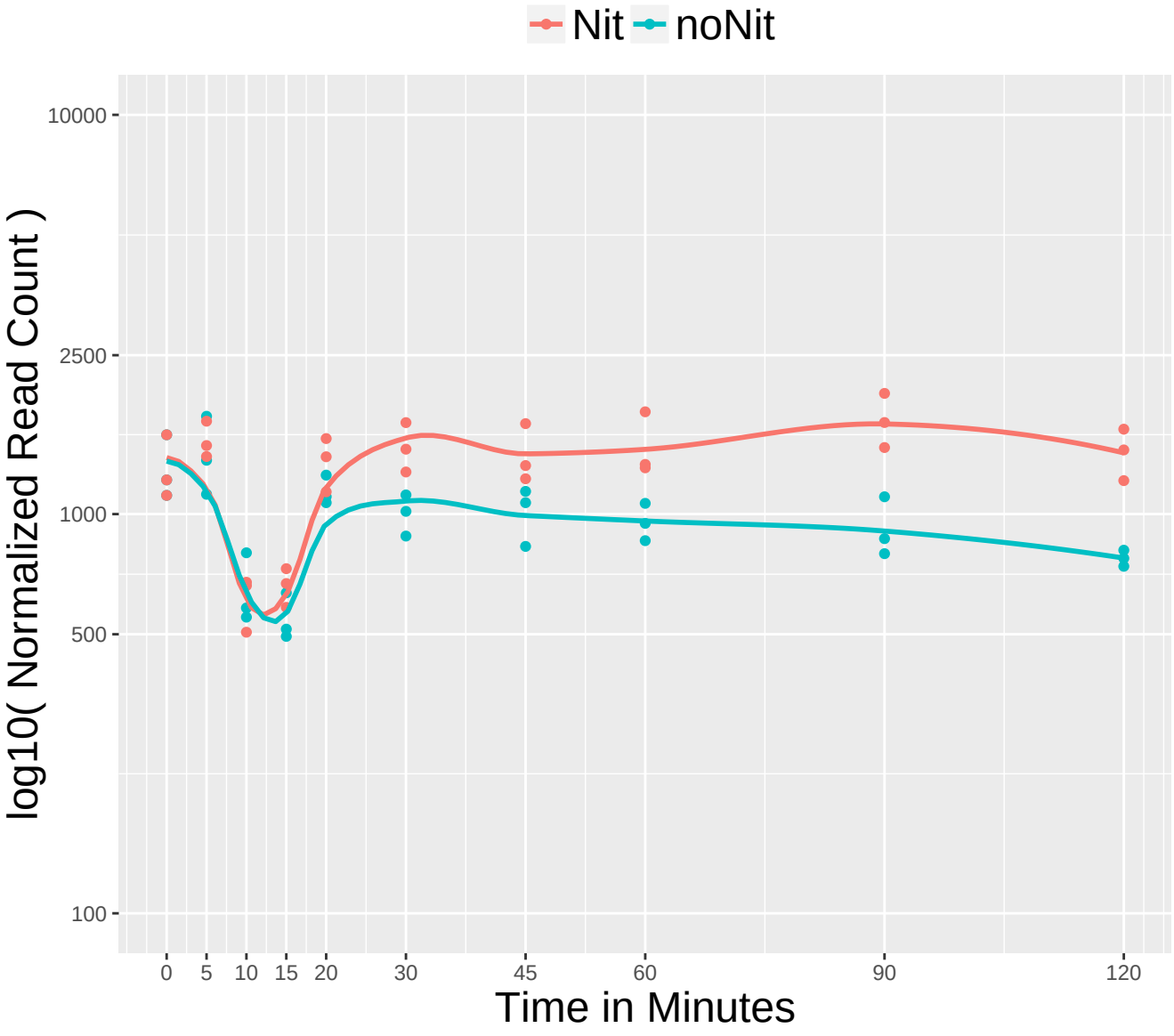
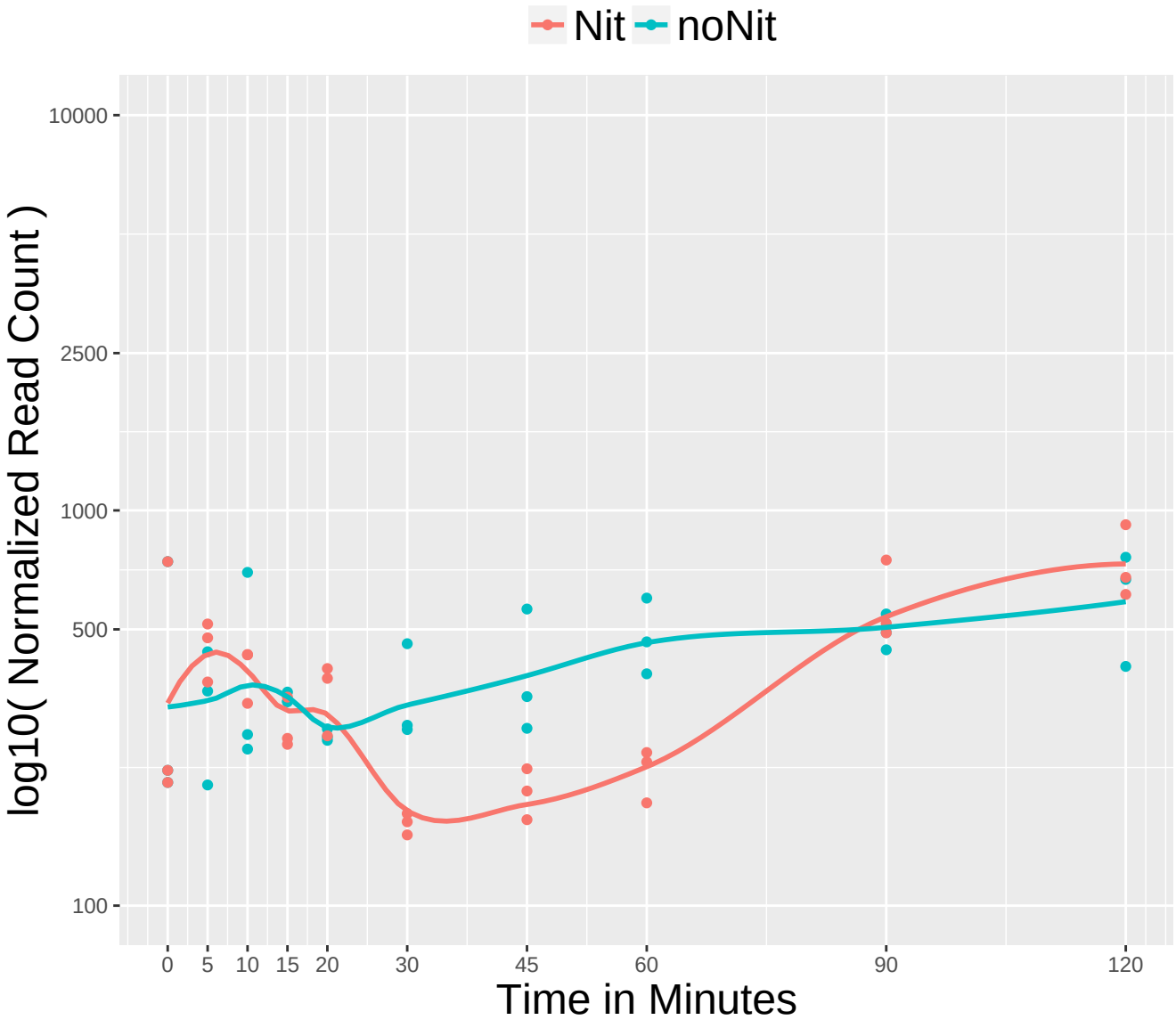
ZCF37



AT1G67270

Zinc−finger



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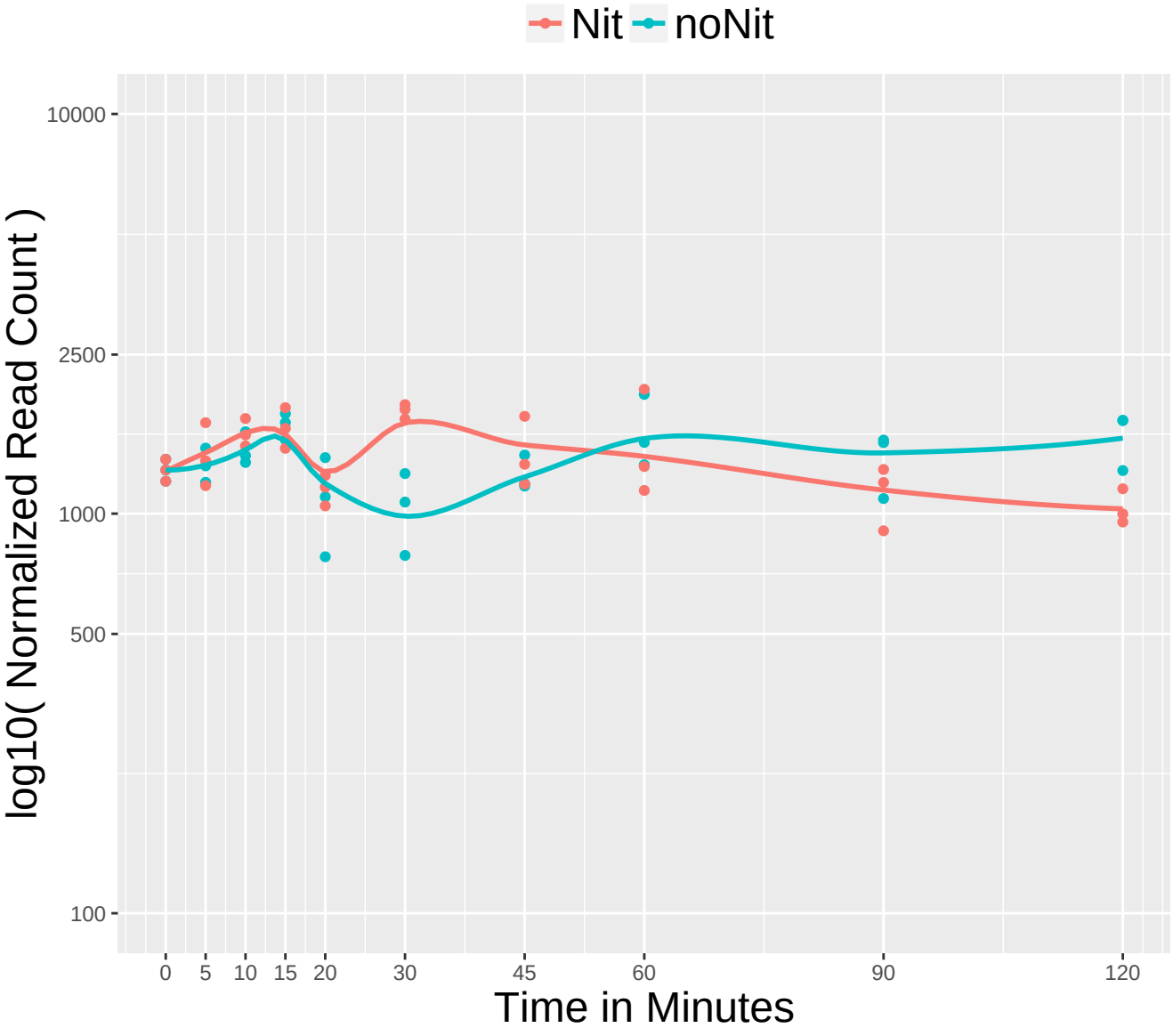
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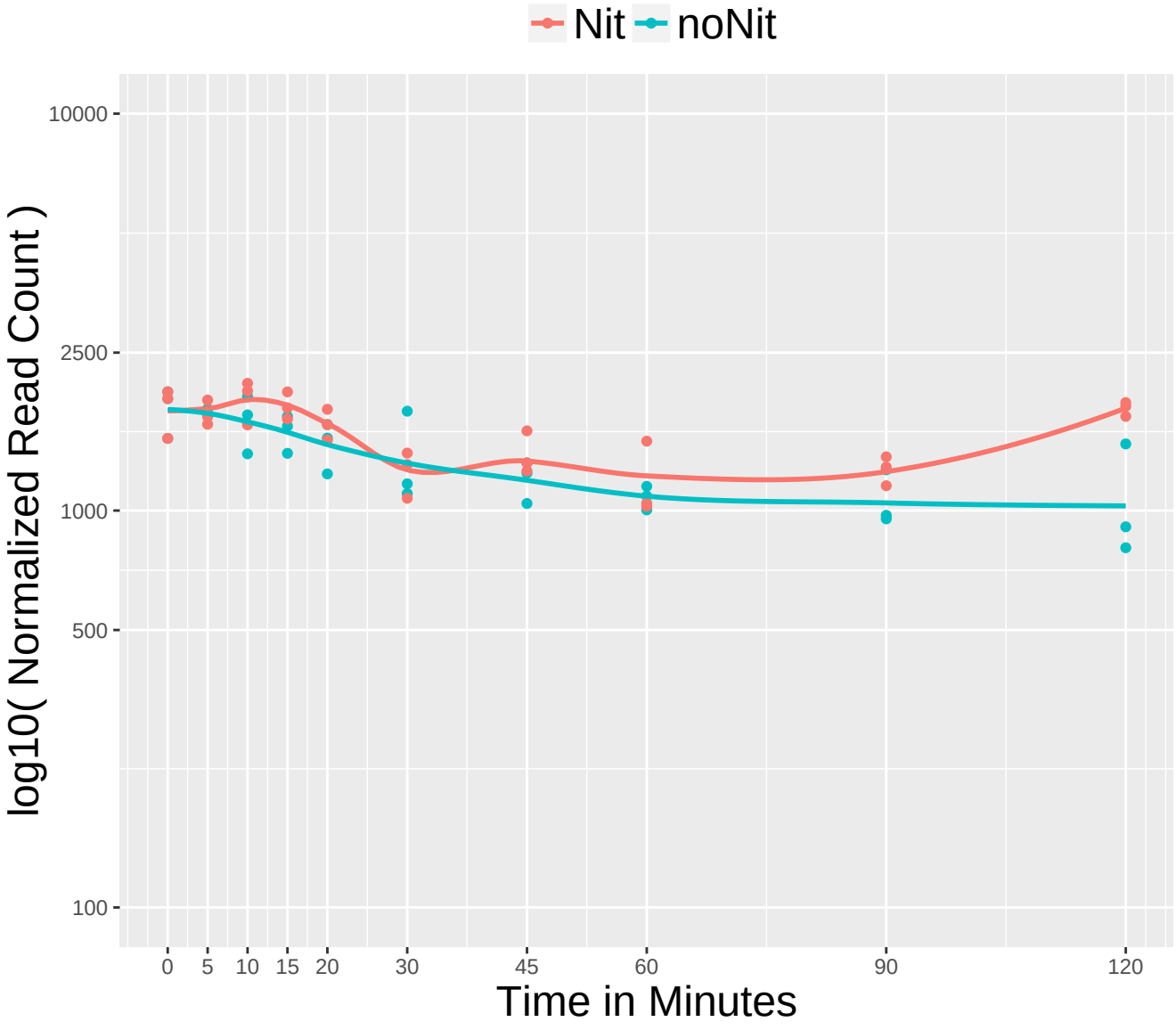
Time in Minutes

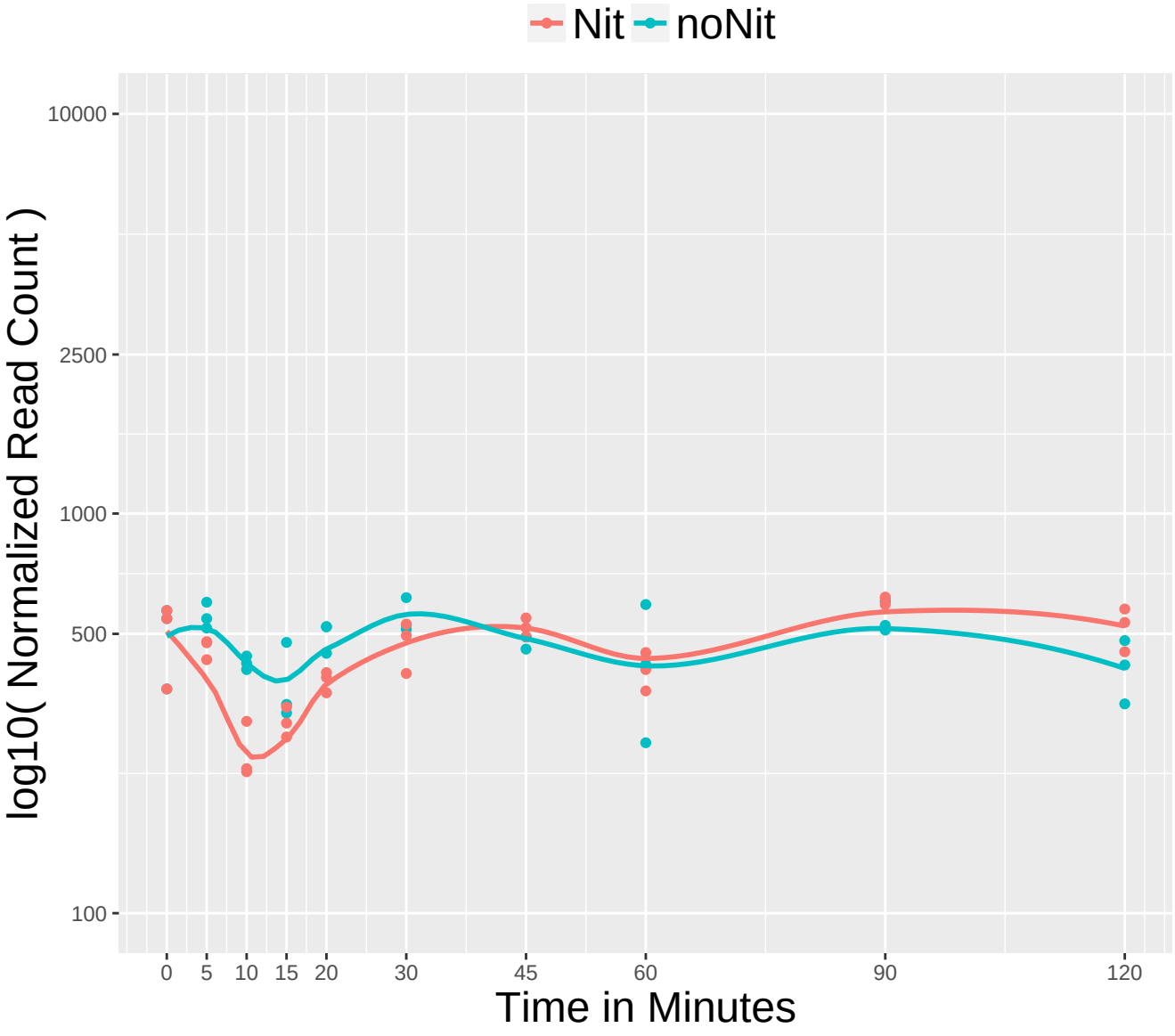
AT2G21050

LAX2,like



AT2G22420

Peroxidase



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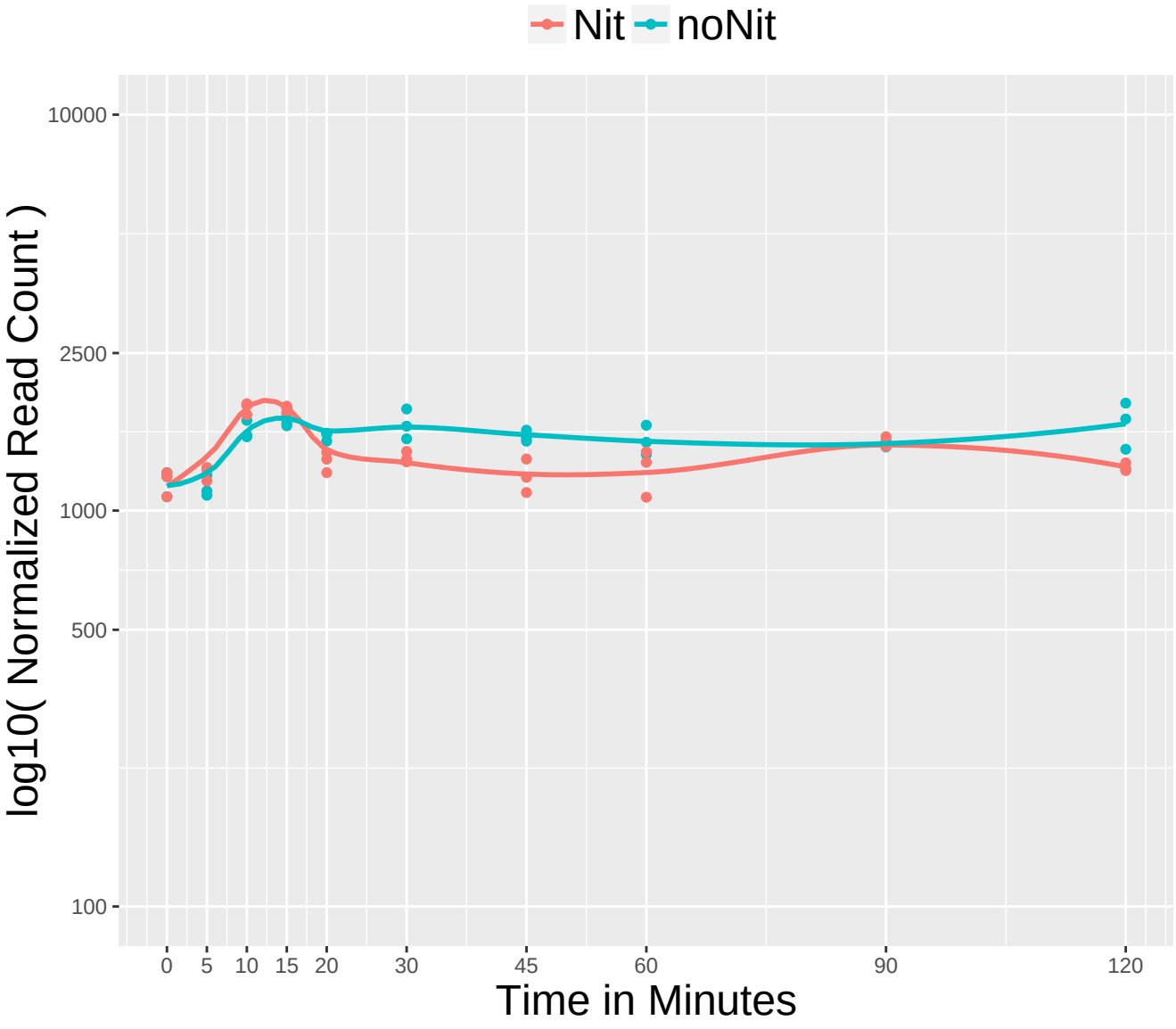
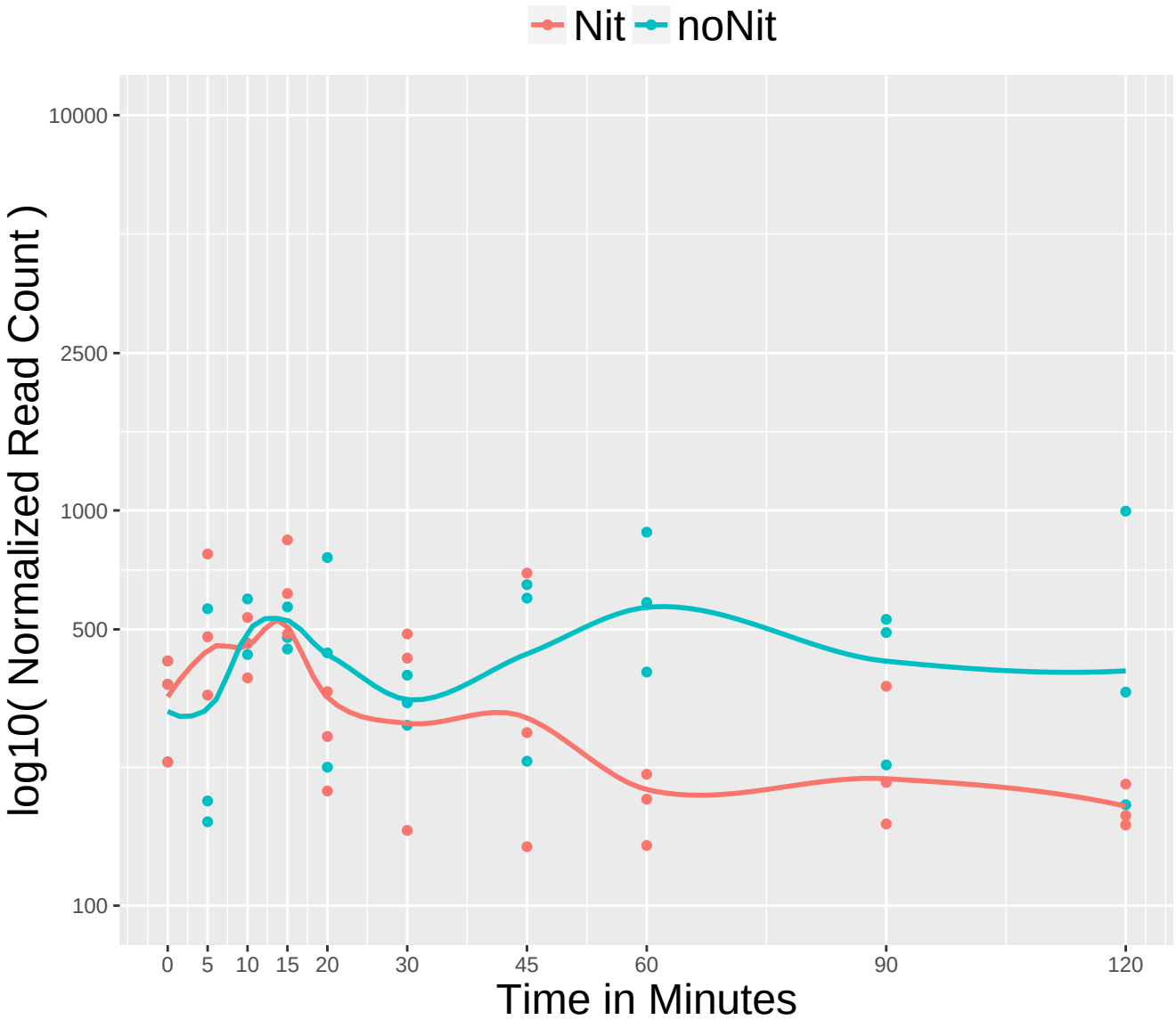
ARR12,response



AT2G41090

Calcium−binding



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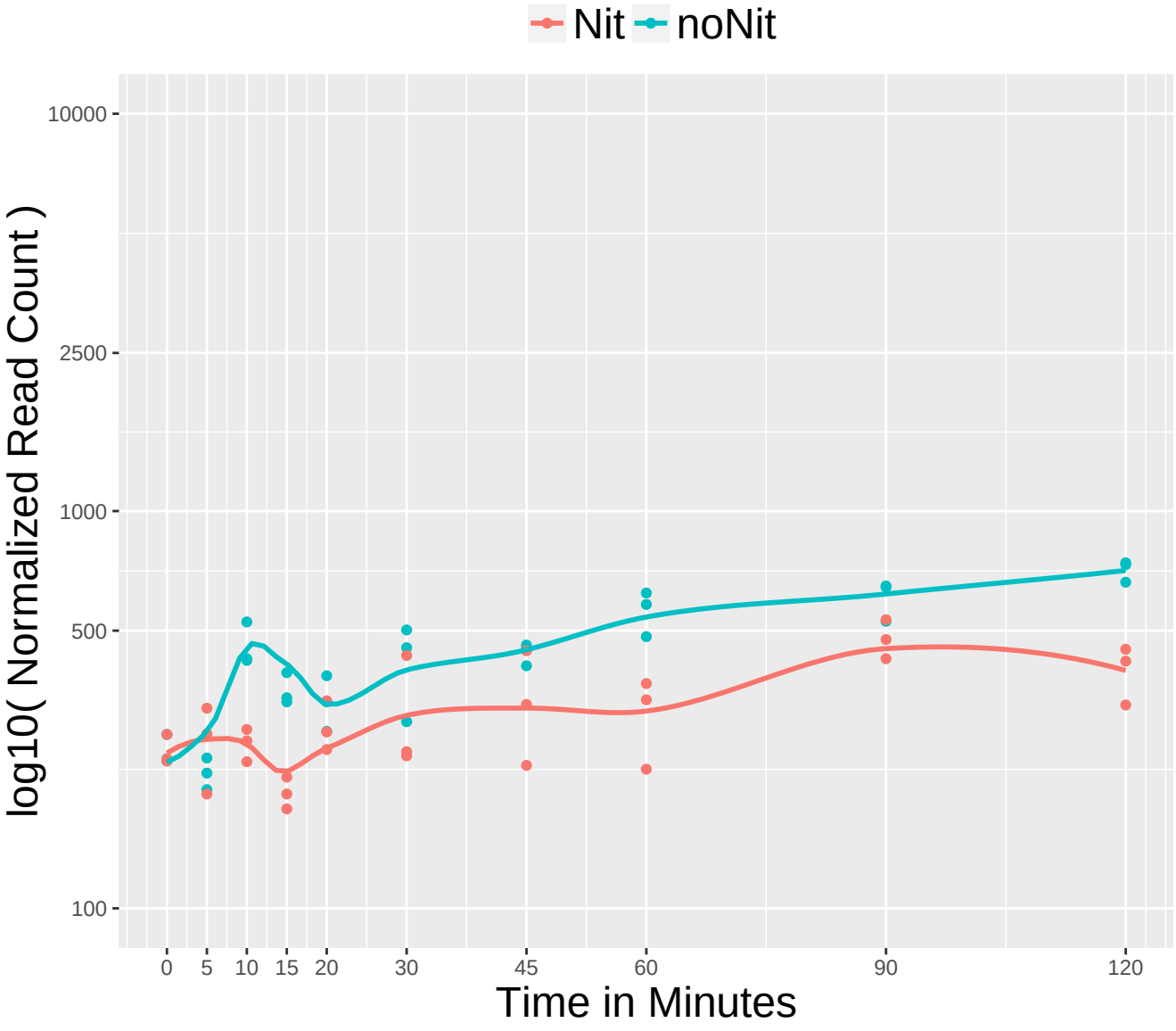
JK224,,NPH1,NONPHOTOTROPIC



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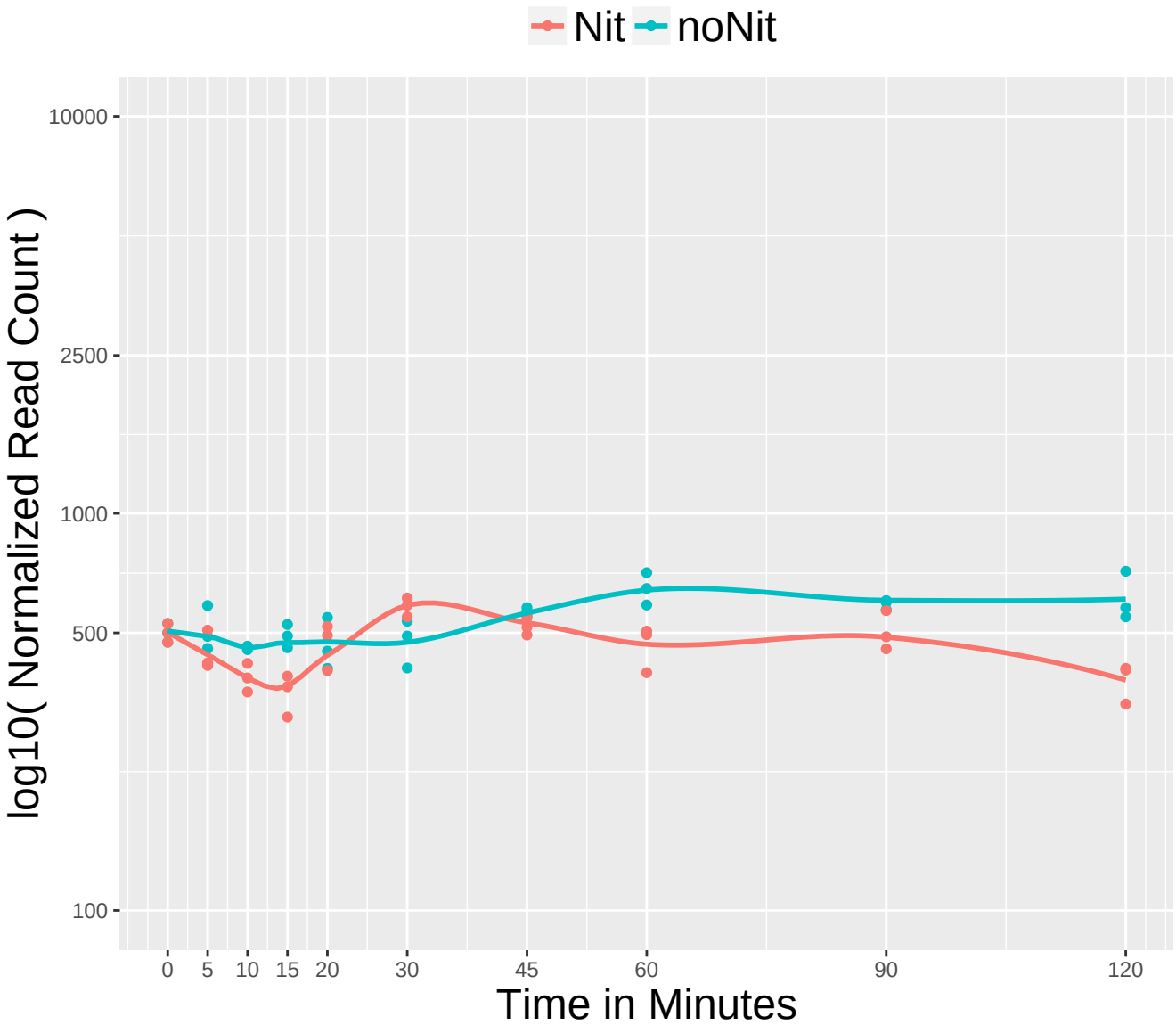

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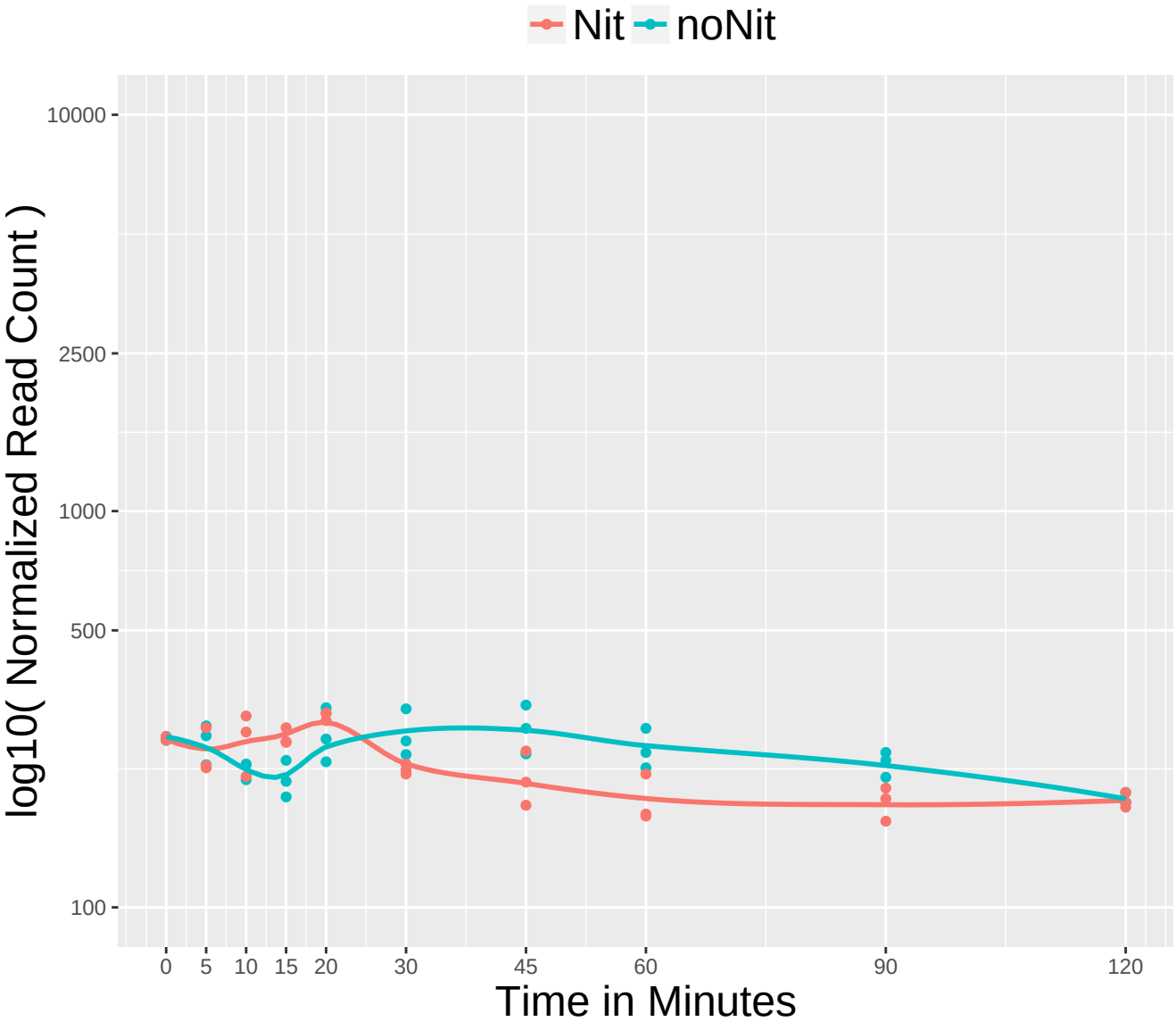
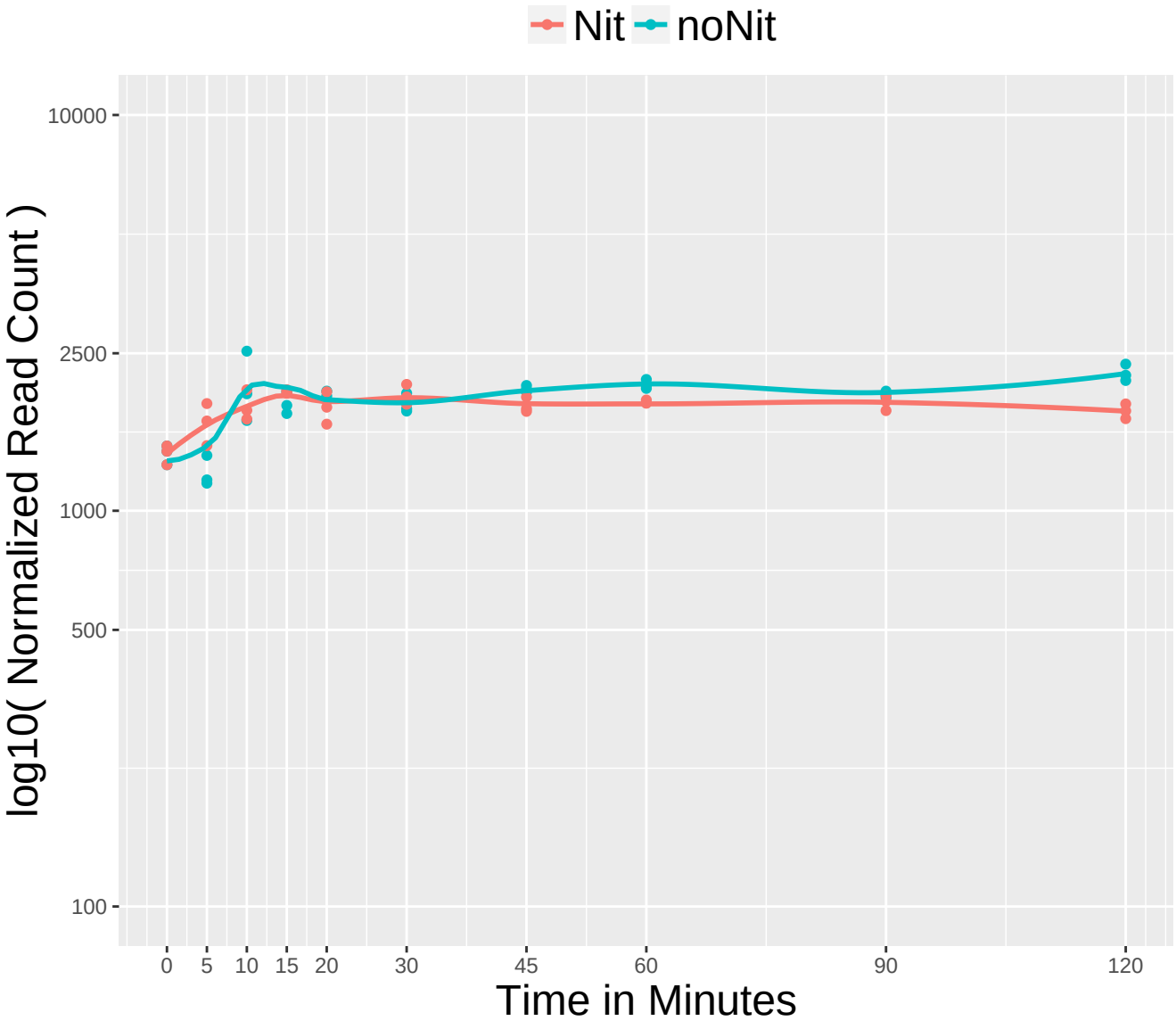
Tetratricopeptide



AT4G12230

alpha/beta−Hydrolases



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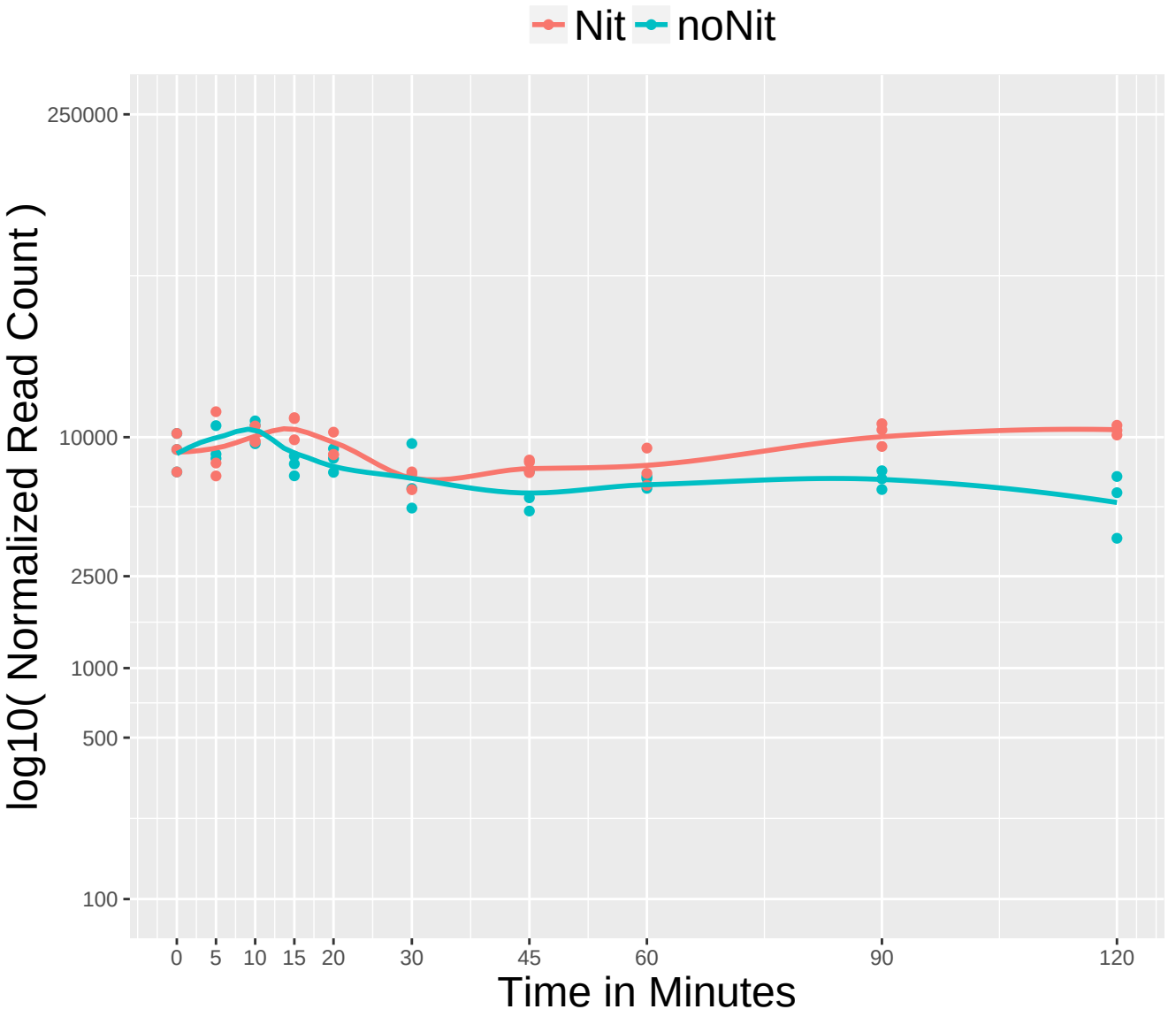

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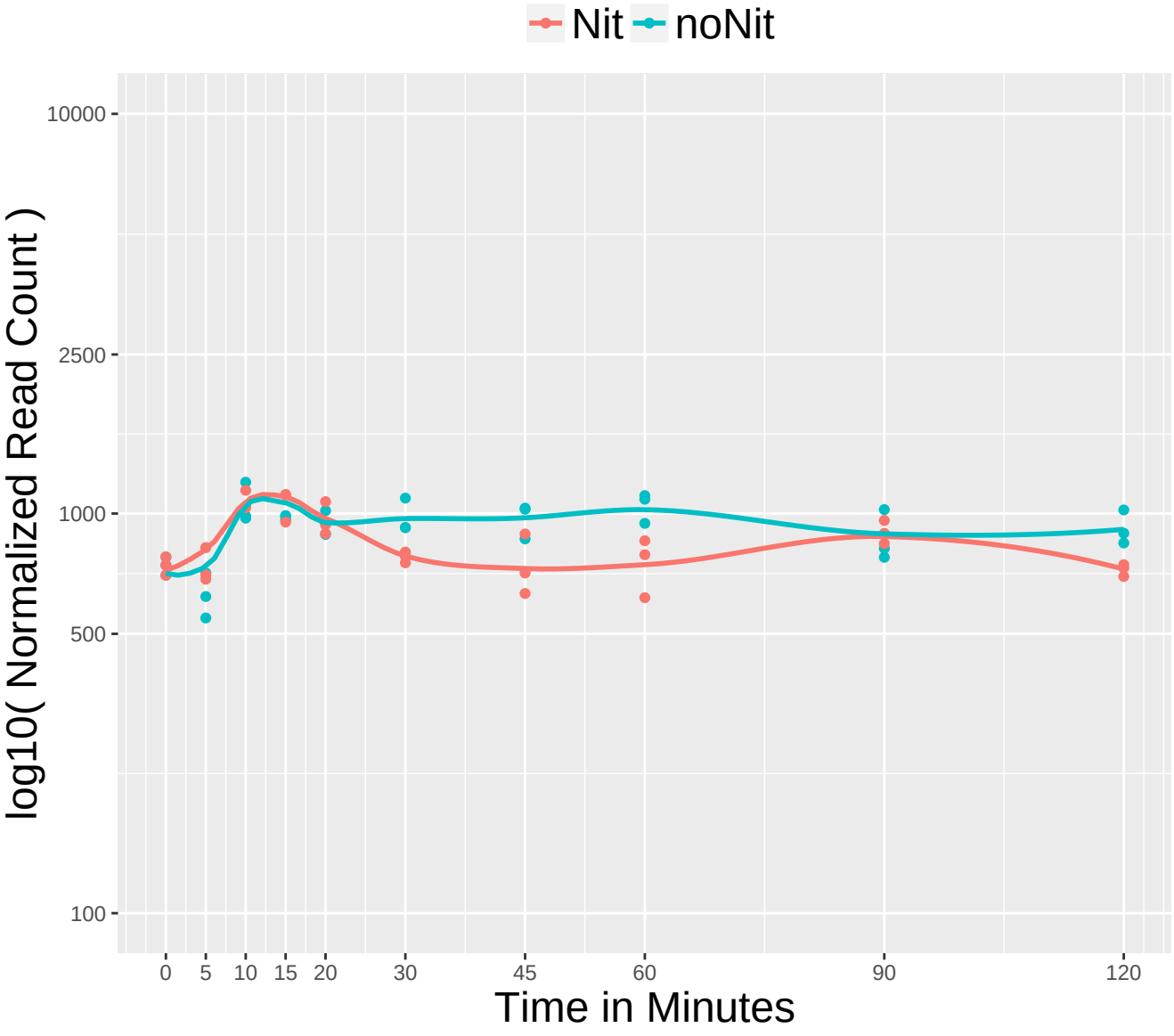
Protein



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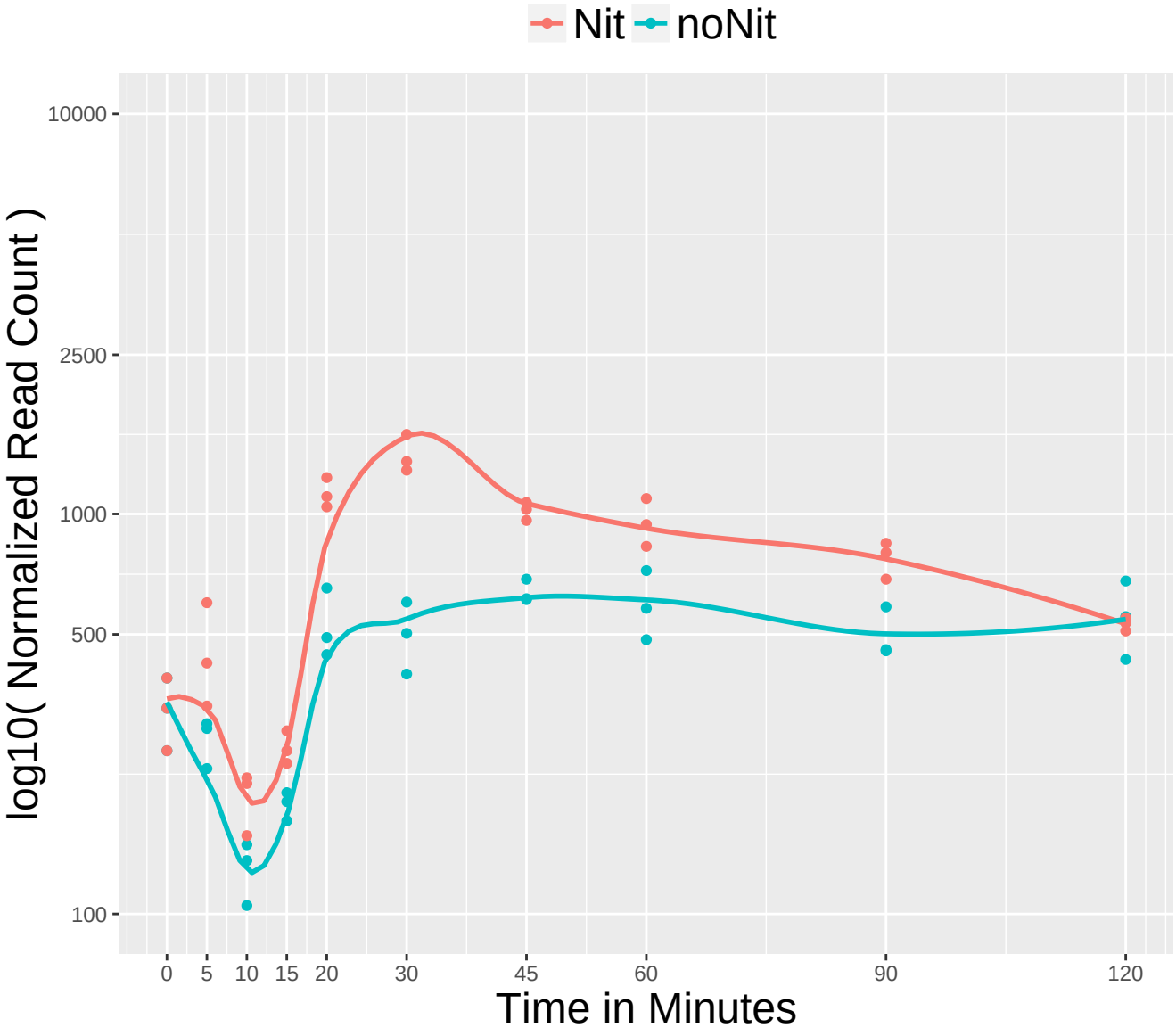
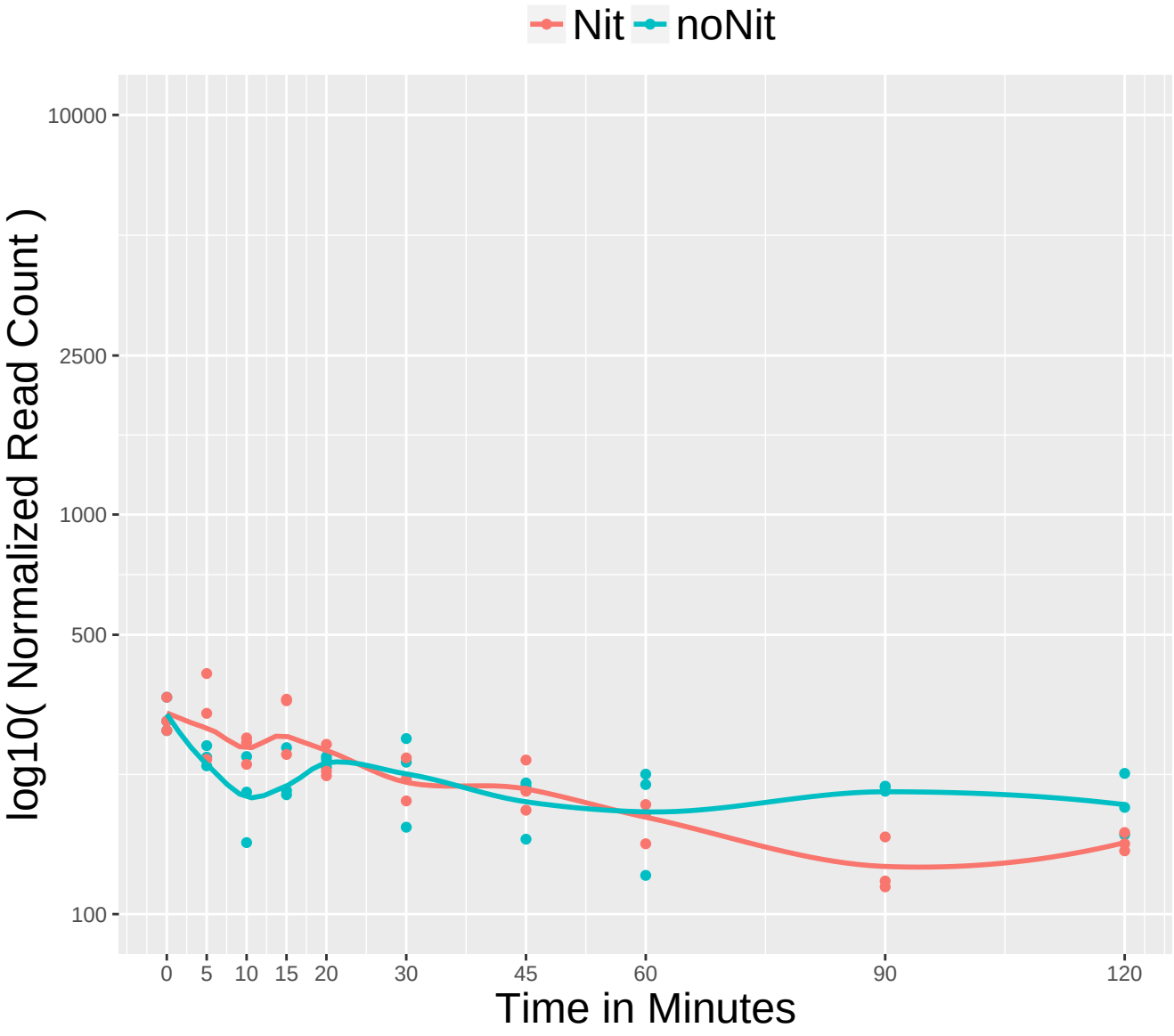


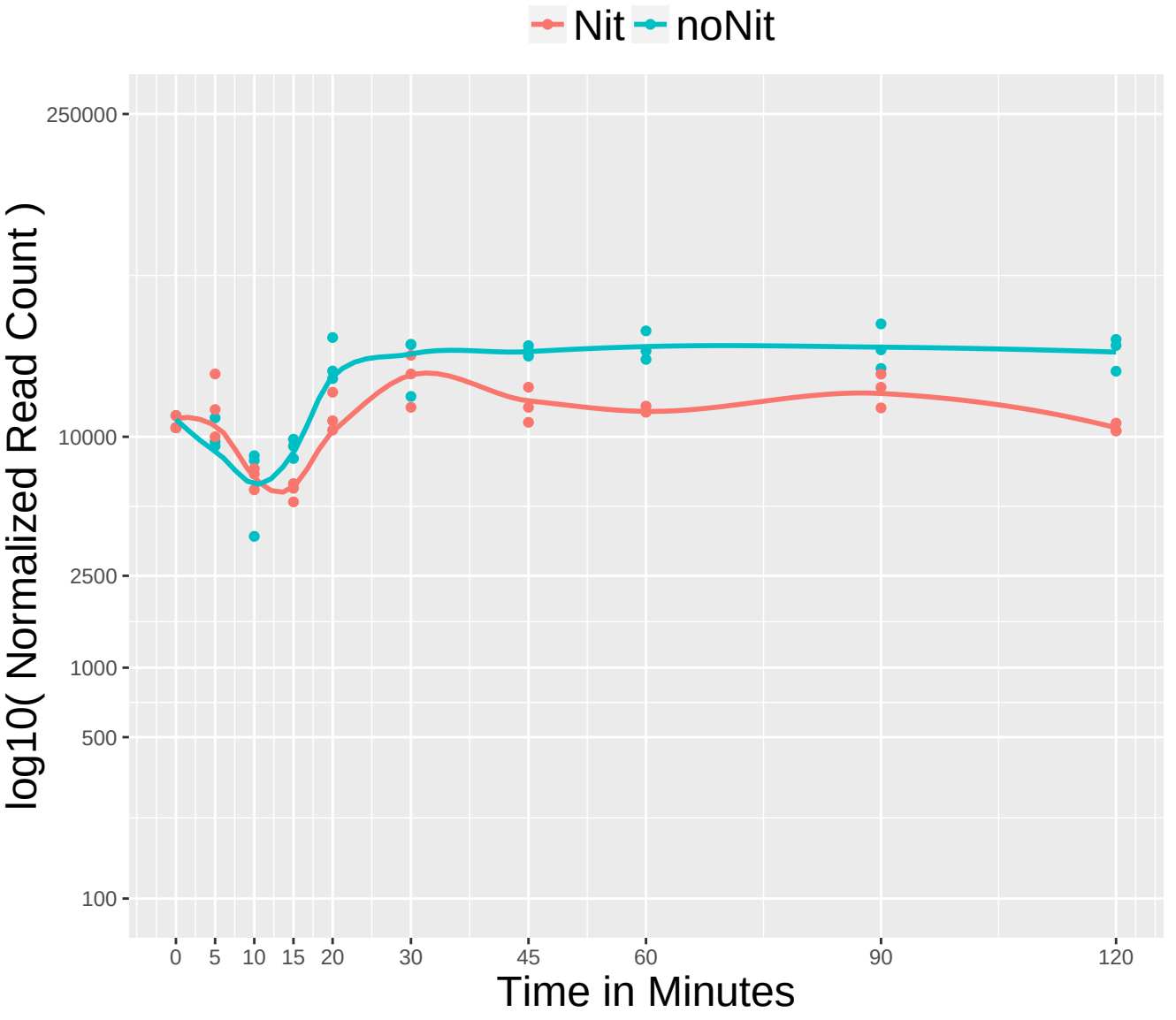
AT5G46650

RING/U−box



AT5G54160

ATOMT1,O−methyltransferase



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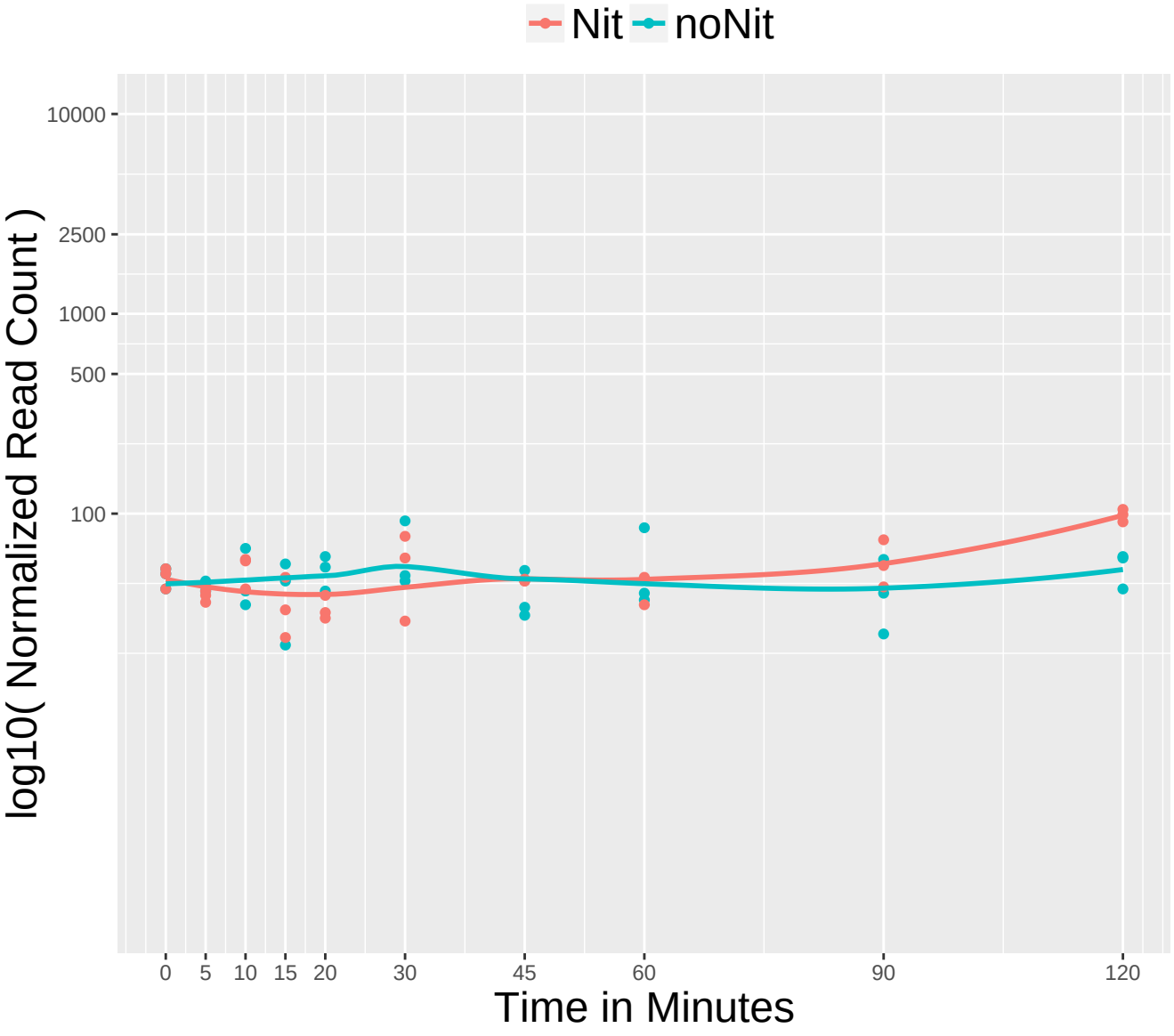
PHD



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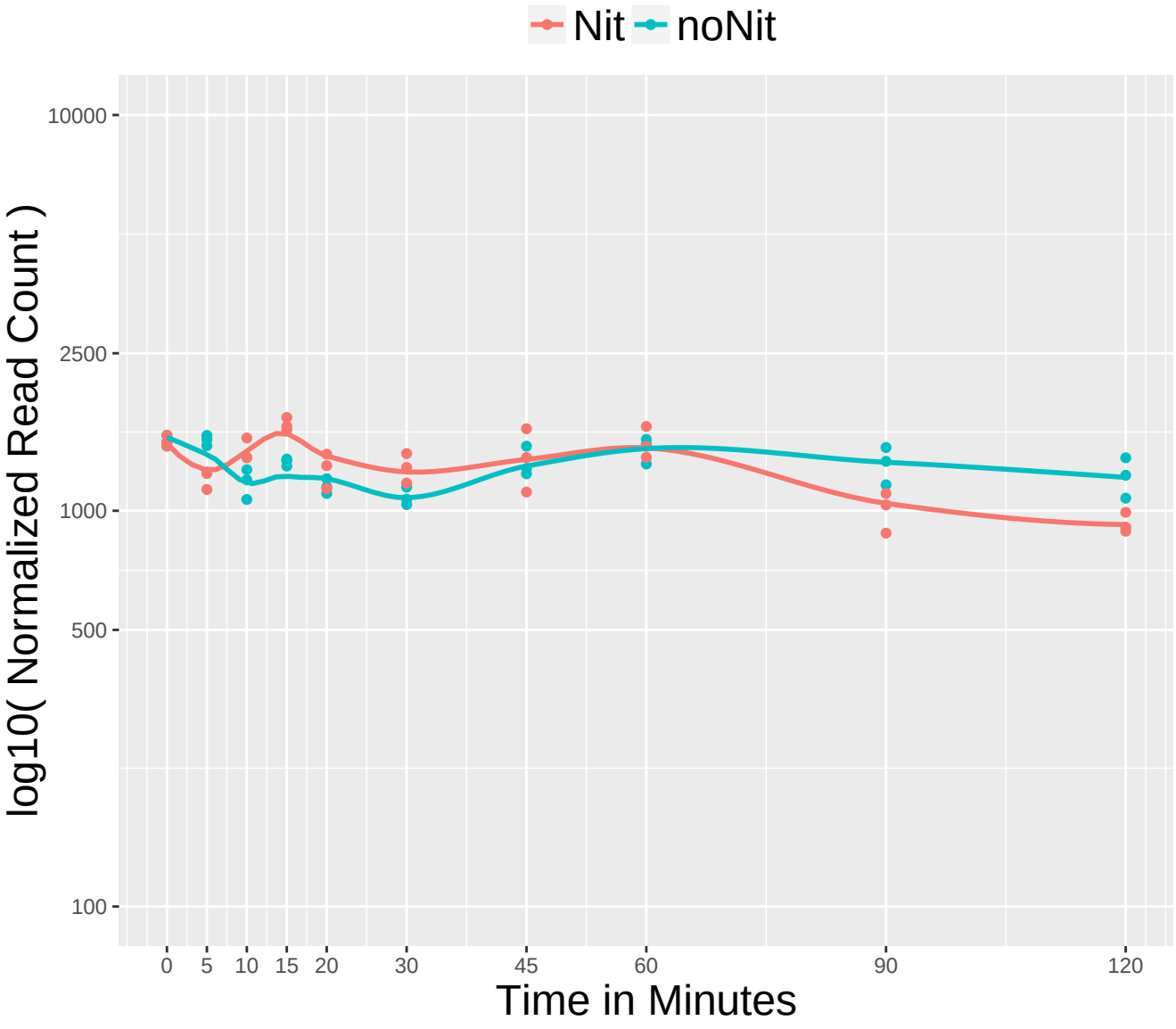
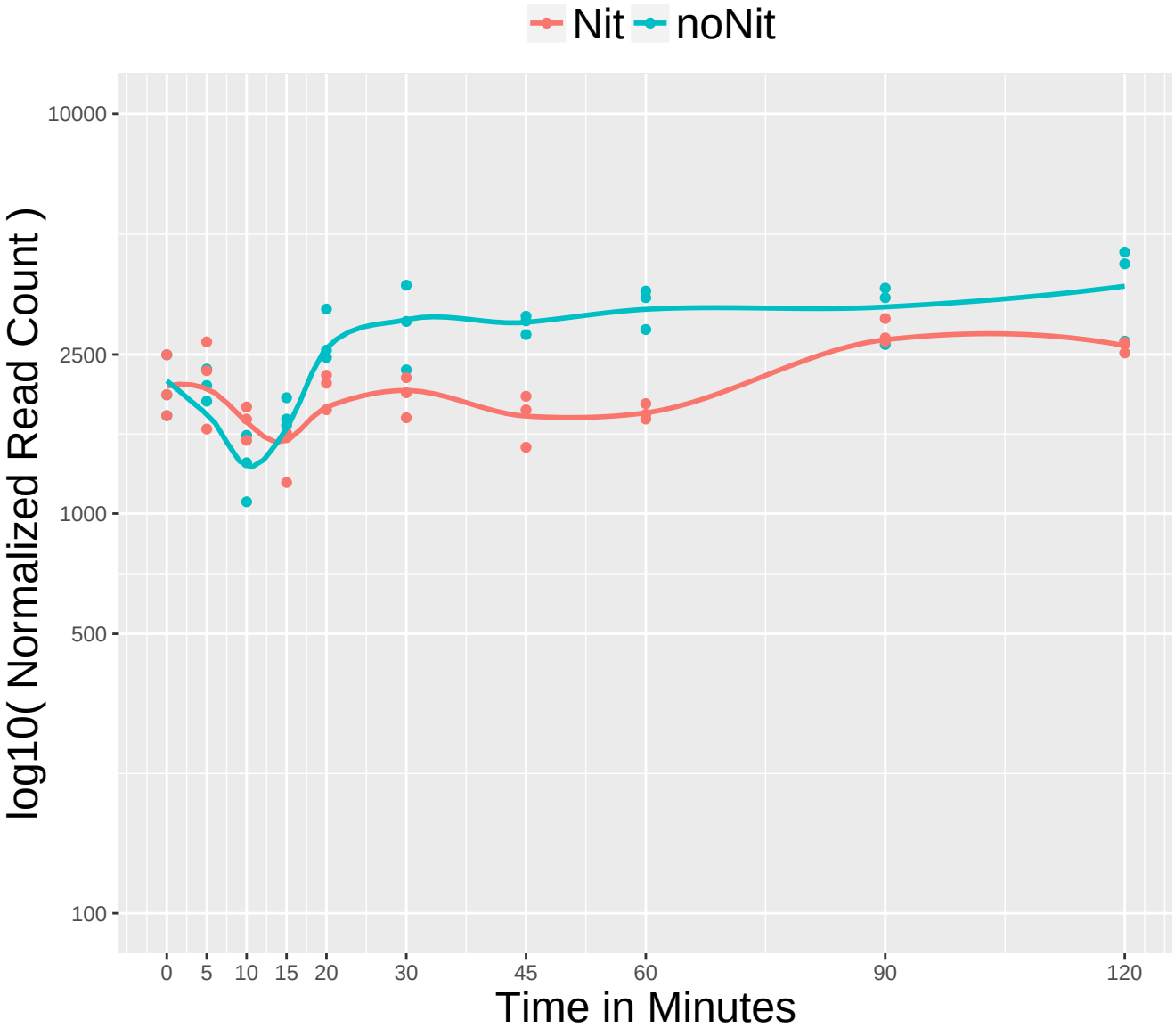
ATPLC5,,PLC5,phosphatidylinositol−speciwc



AT1G03740

Protein



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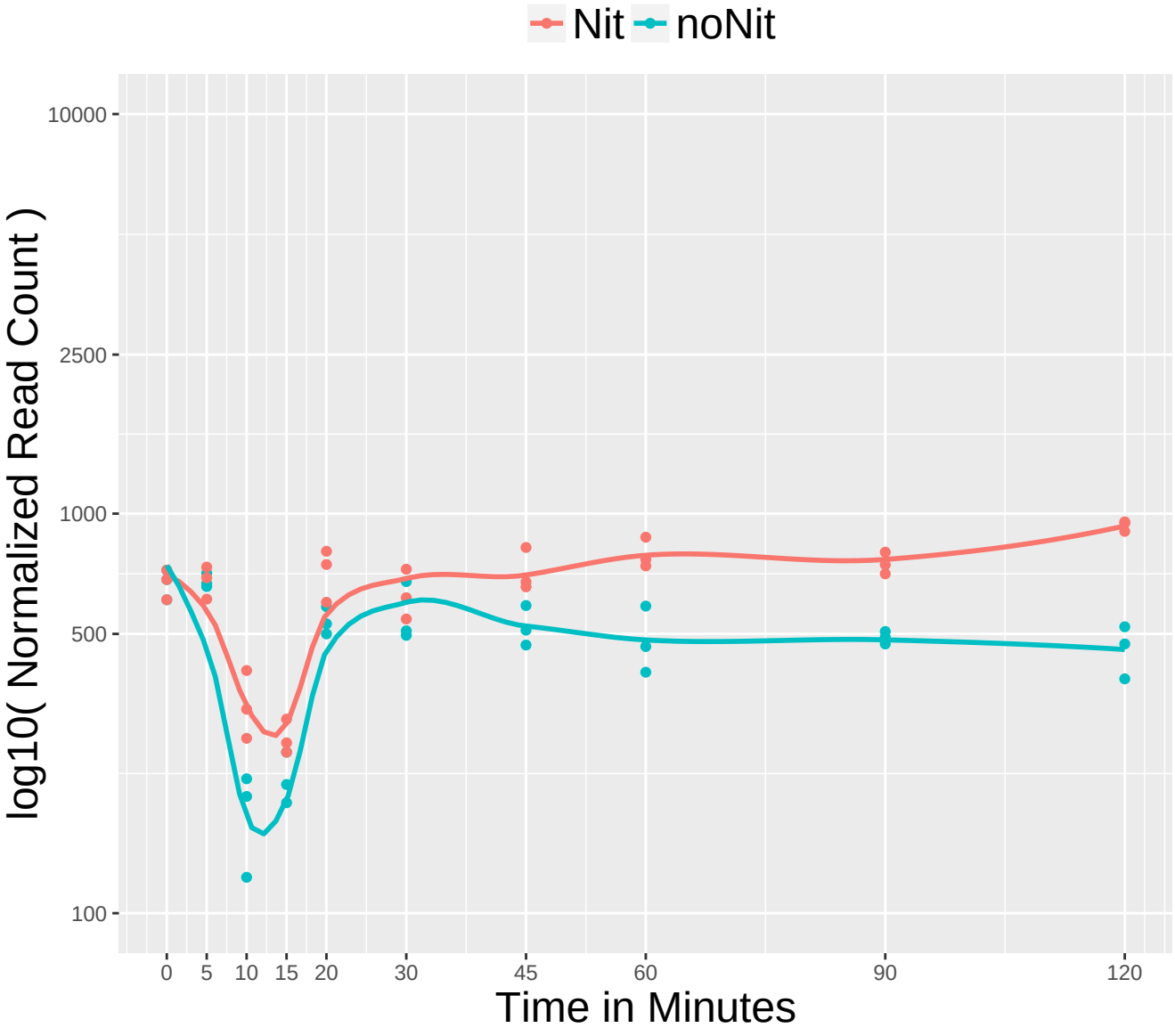
3'−5'−exoribonuclease



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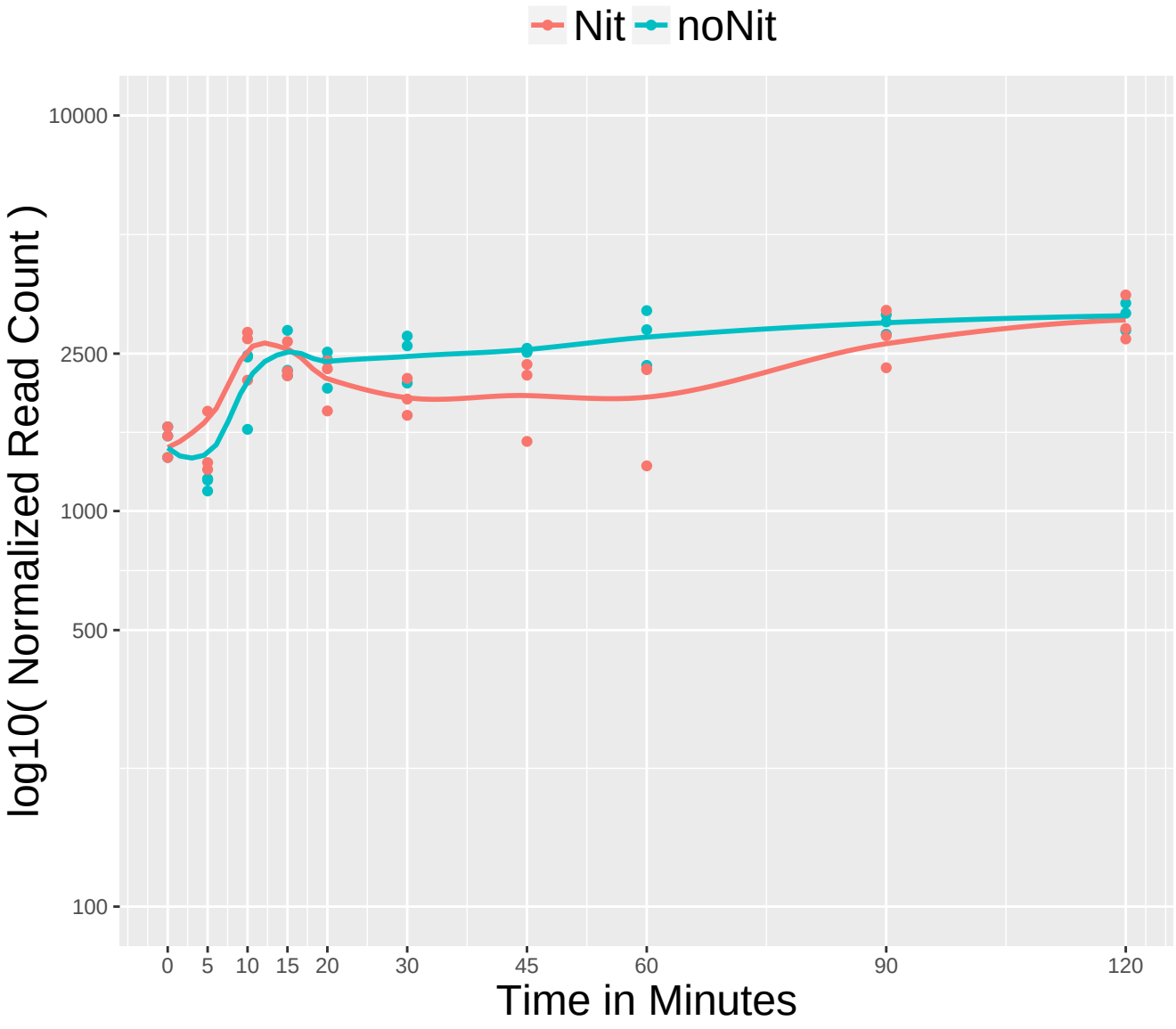
ATTPS1,trehalose−6−phosphate



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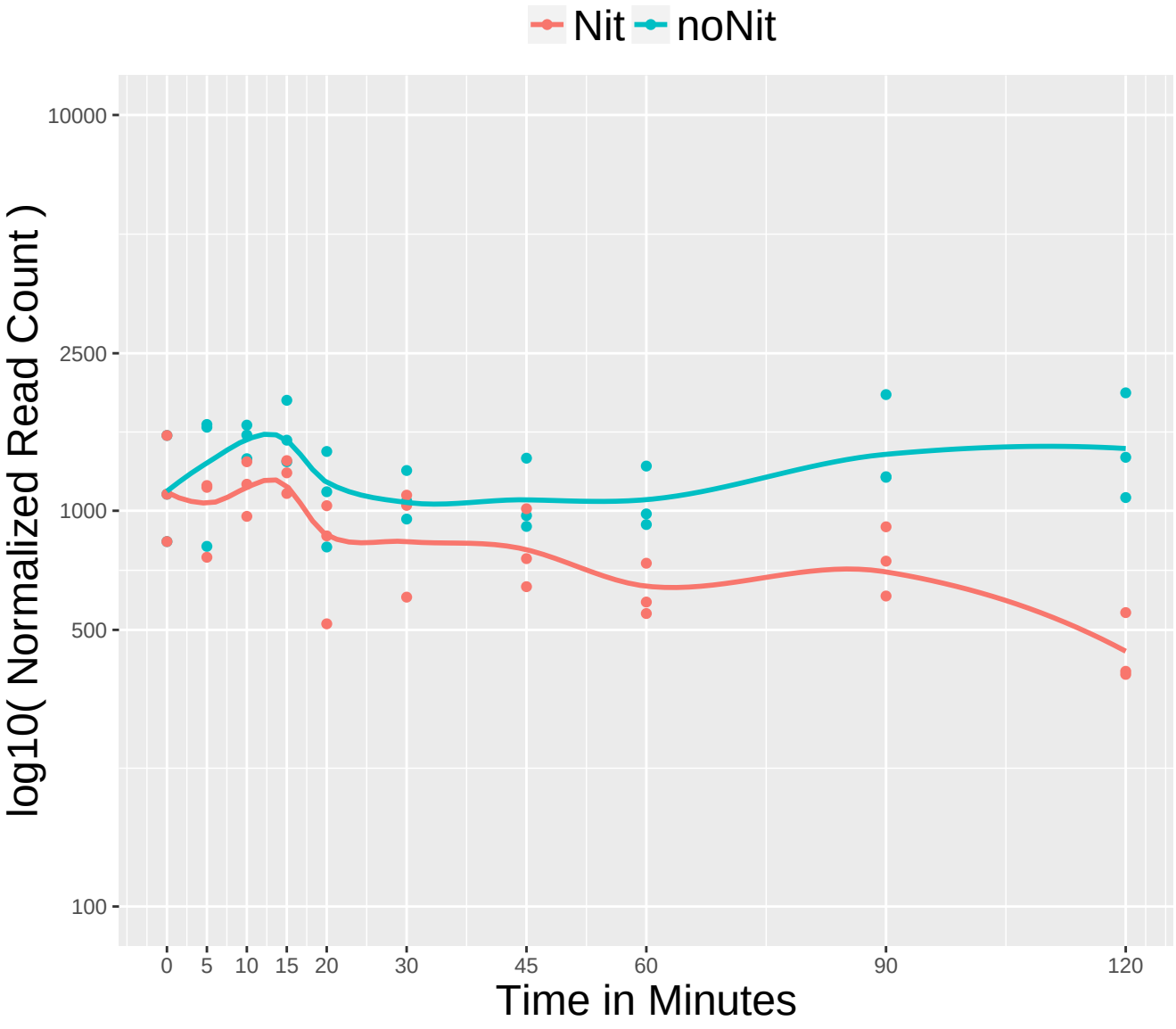
CYP76C4,"cytochrome



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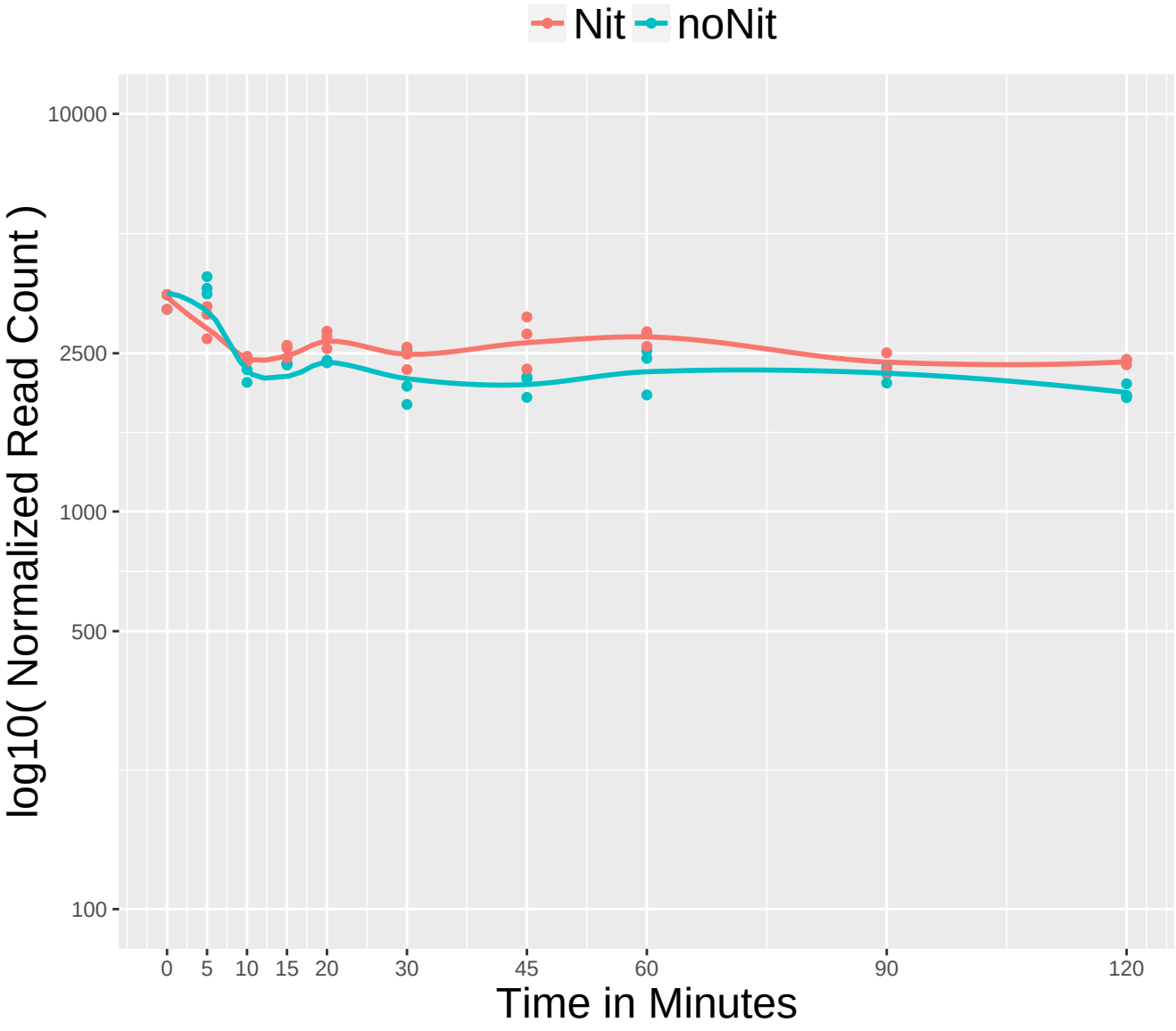
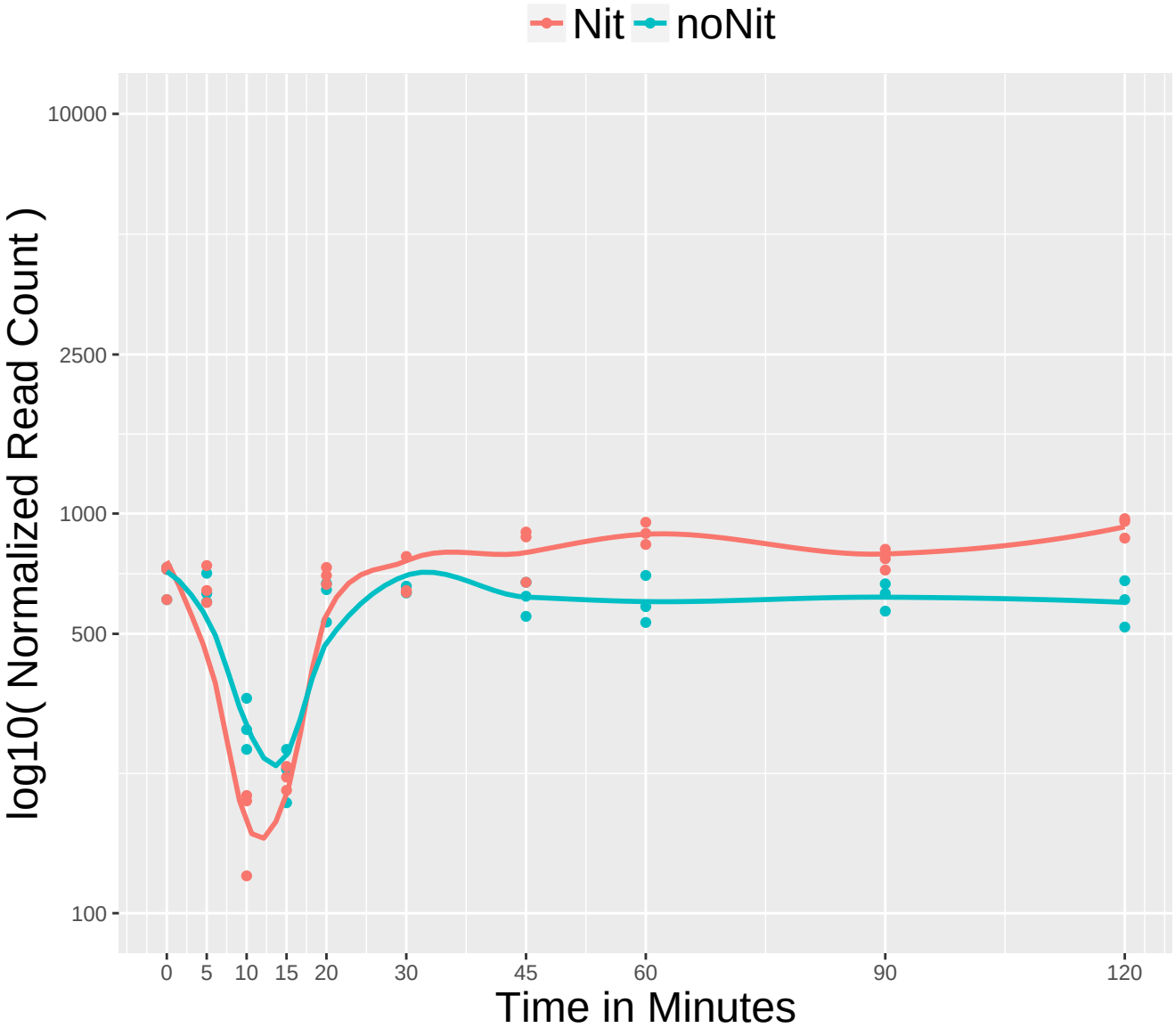


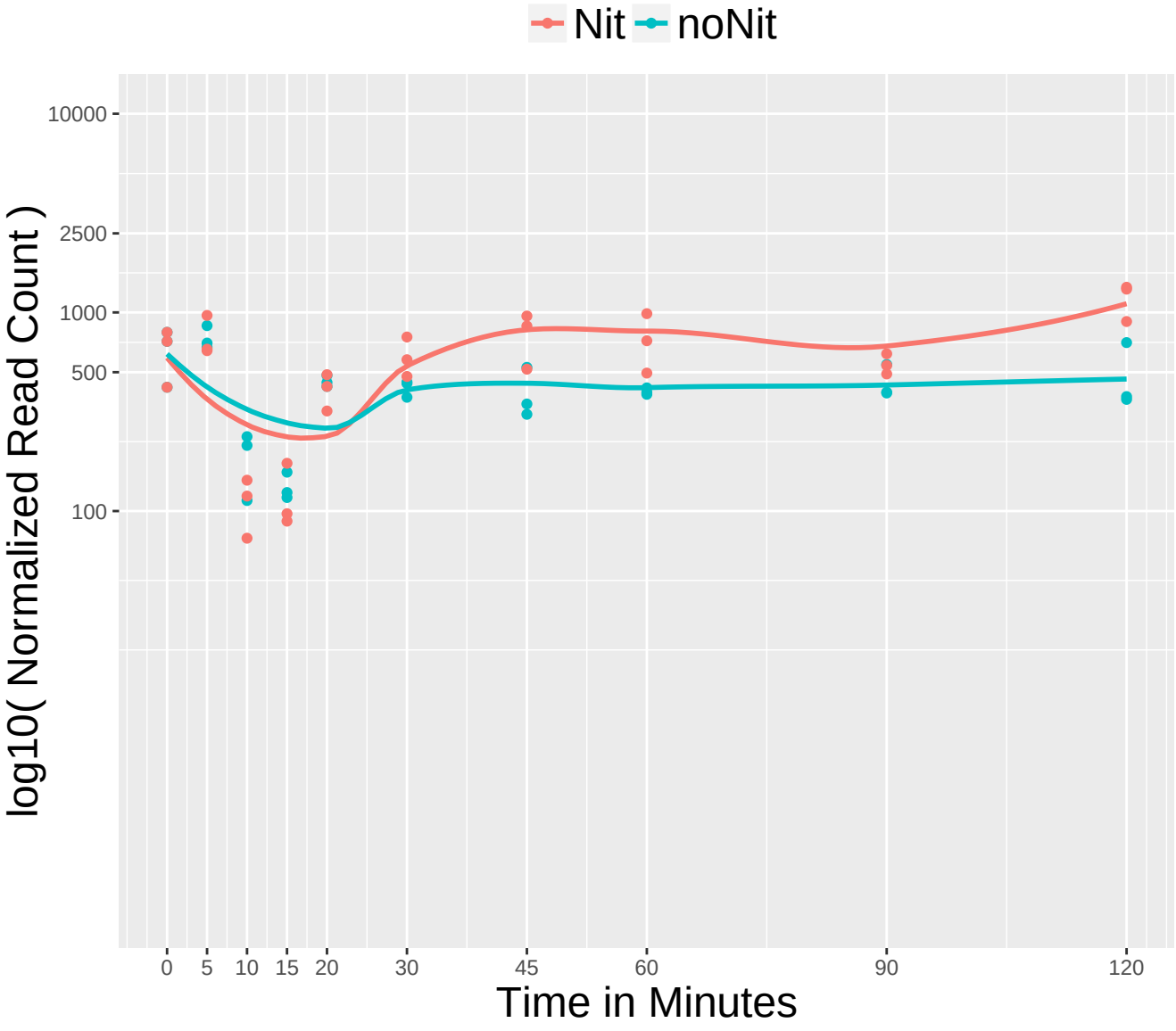
AT3G15460

Ribosomal



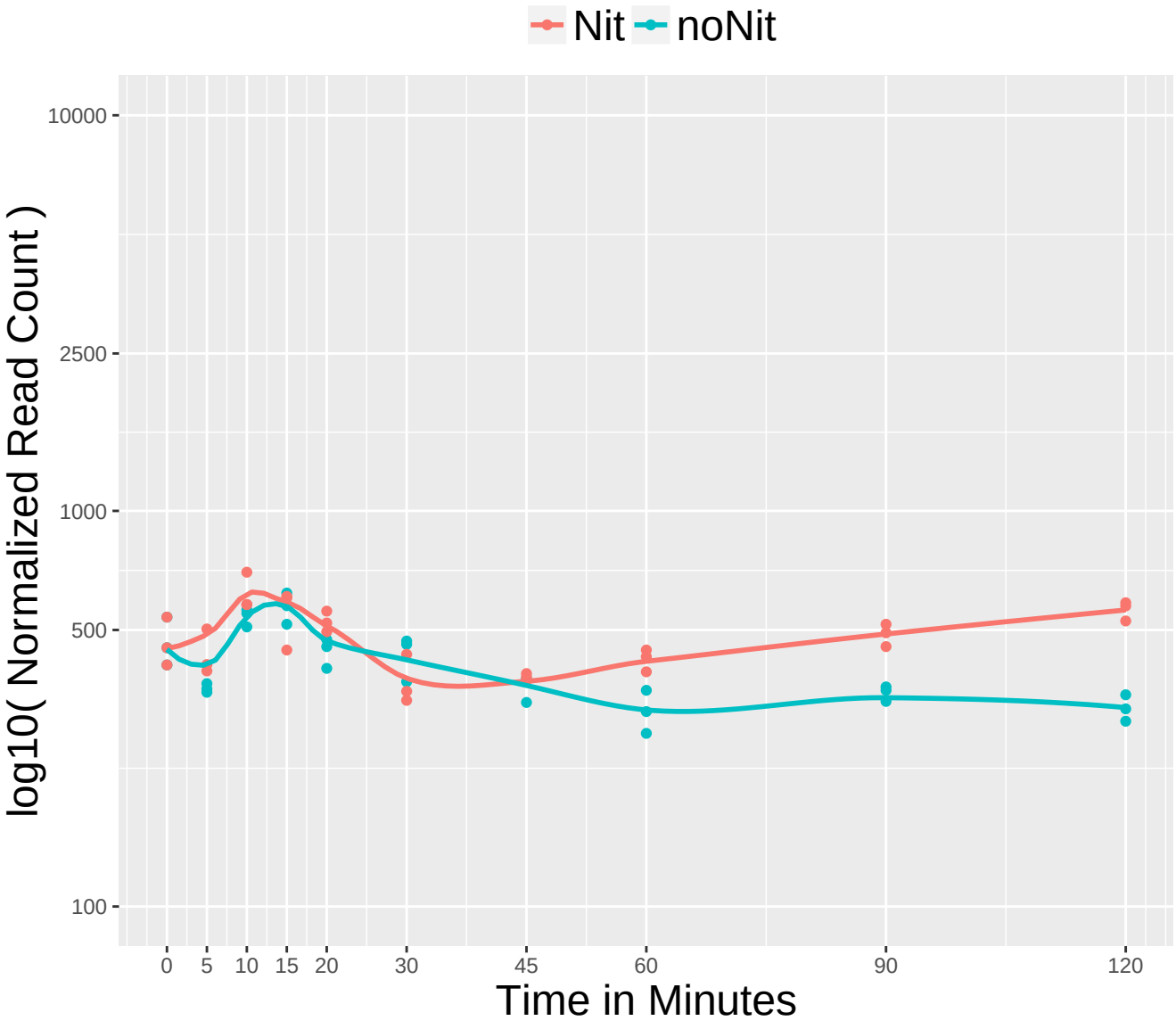
AT3G27360

H3.1,histone



AT3G27550

RNA−binding



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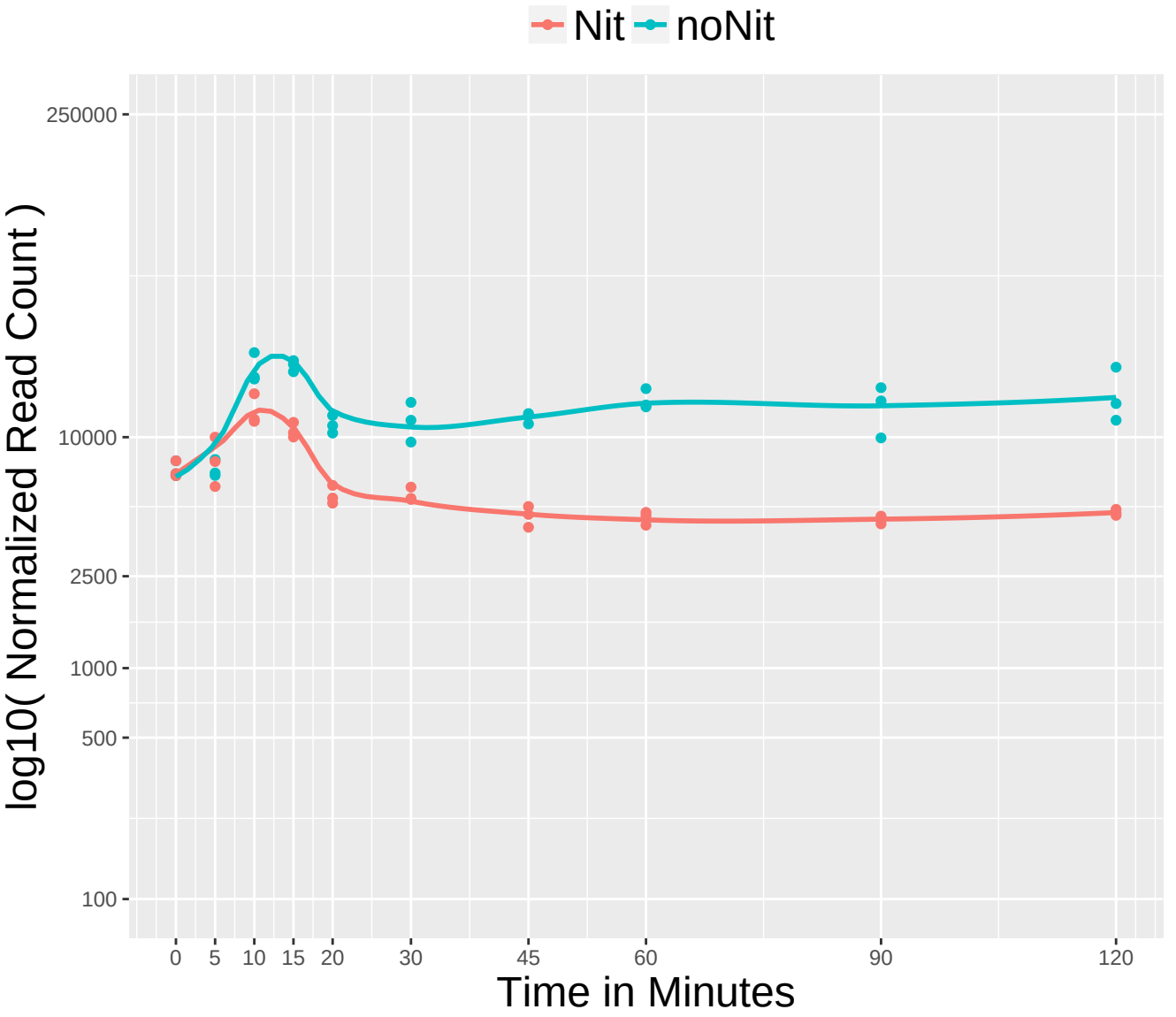
ADT4,arogenate



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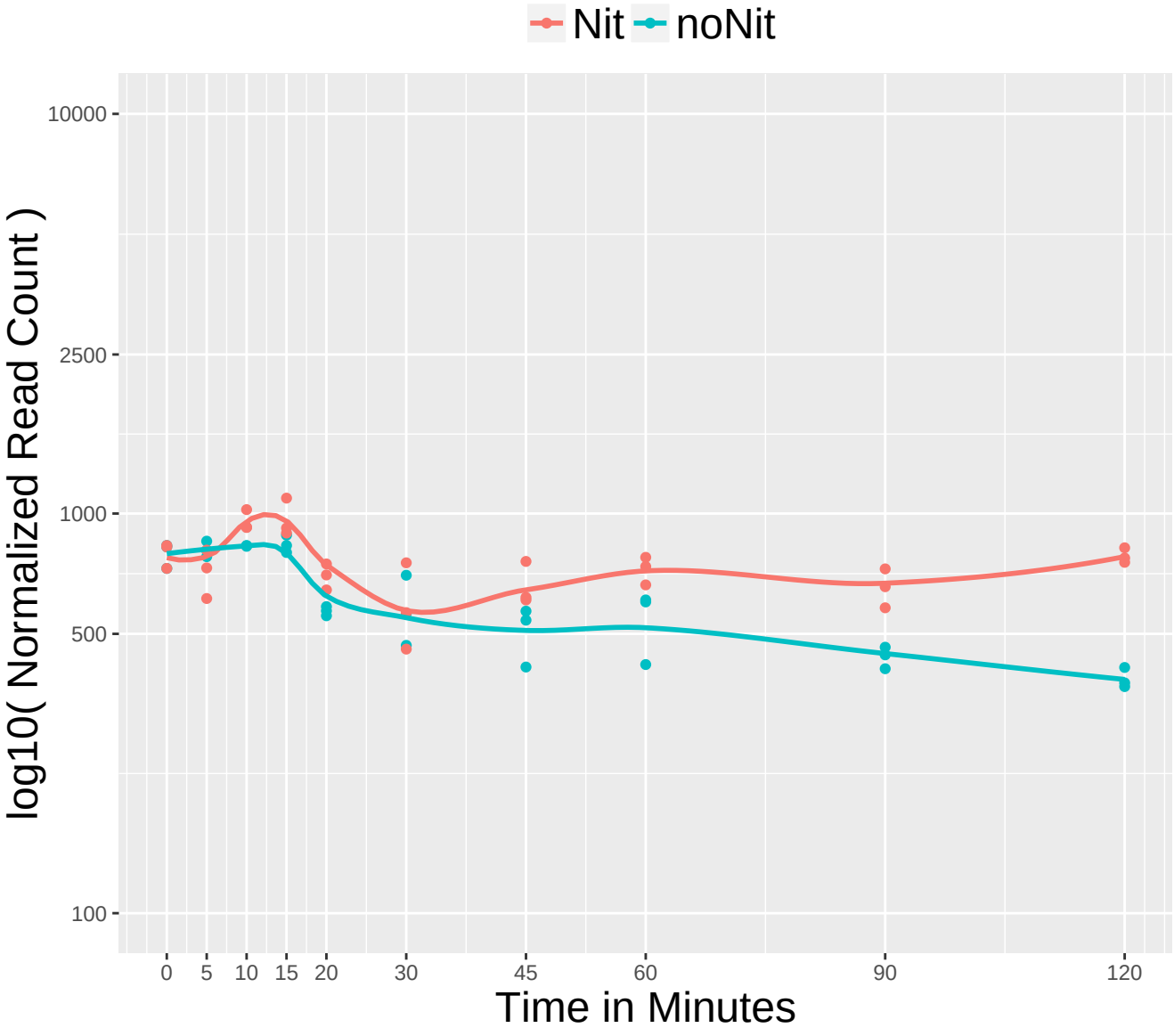
Mitochondrial



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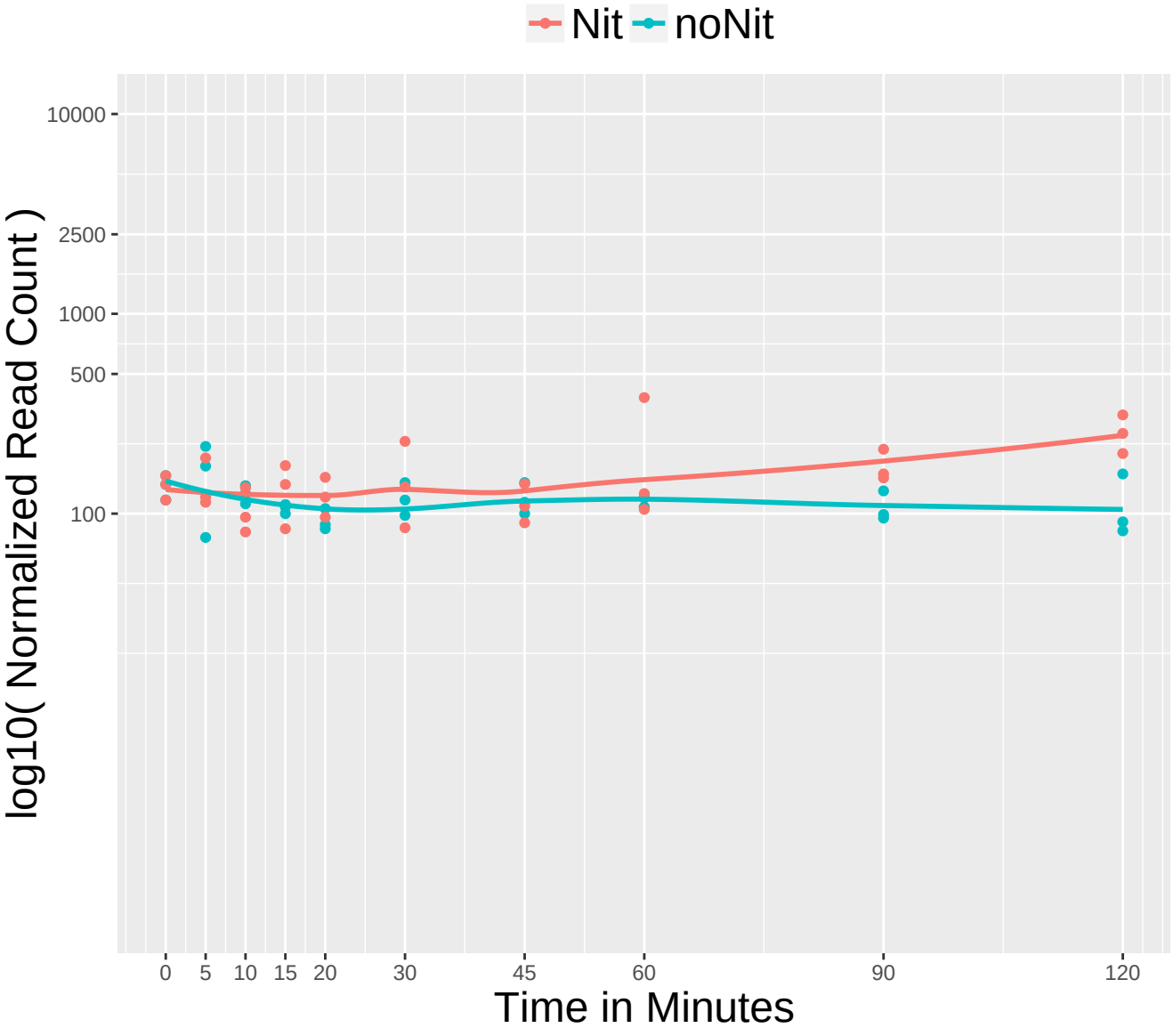
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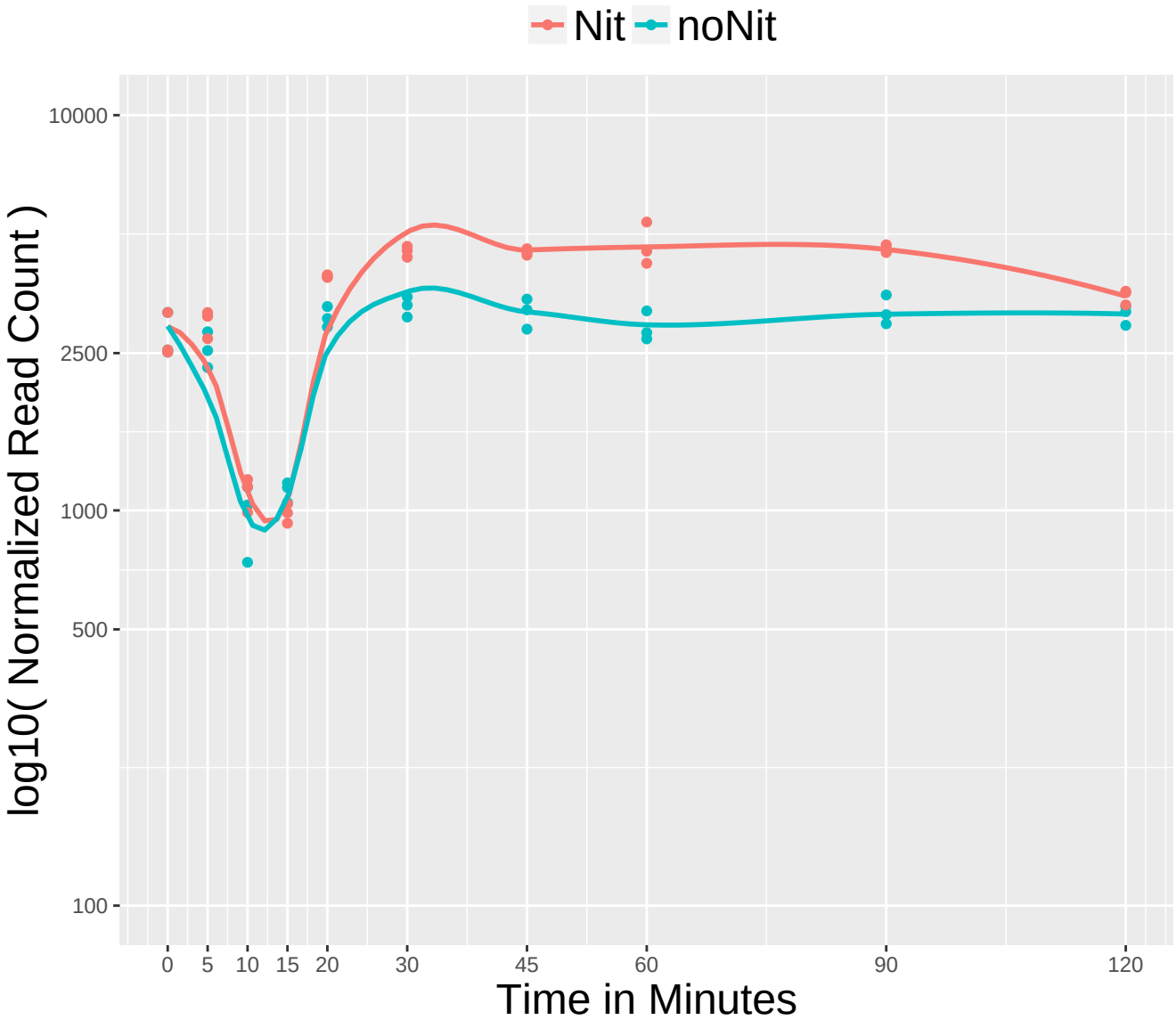
AT4G24400

ATCIPK8,,CIPK8,CBL−interacting



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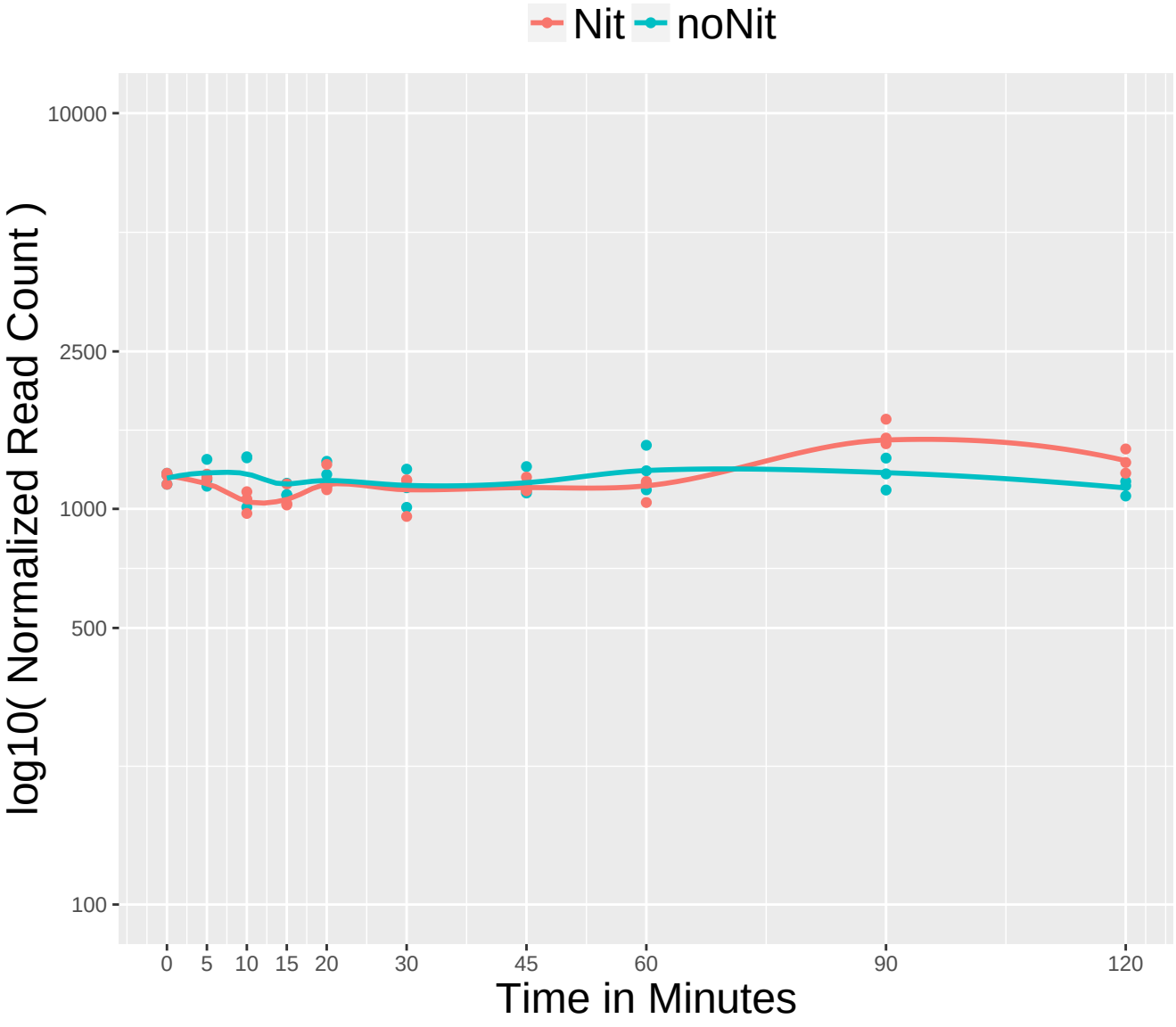
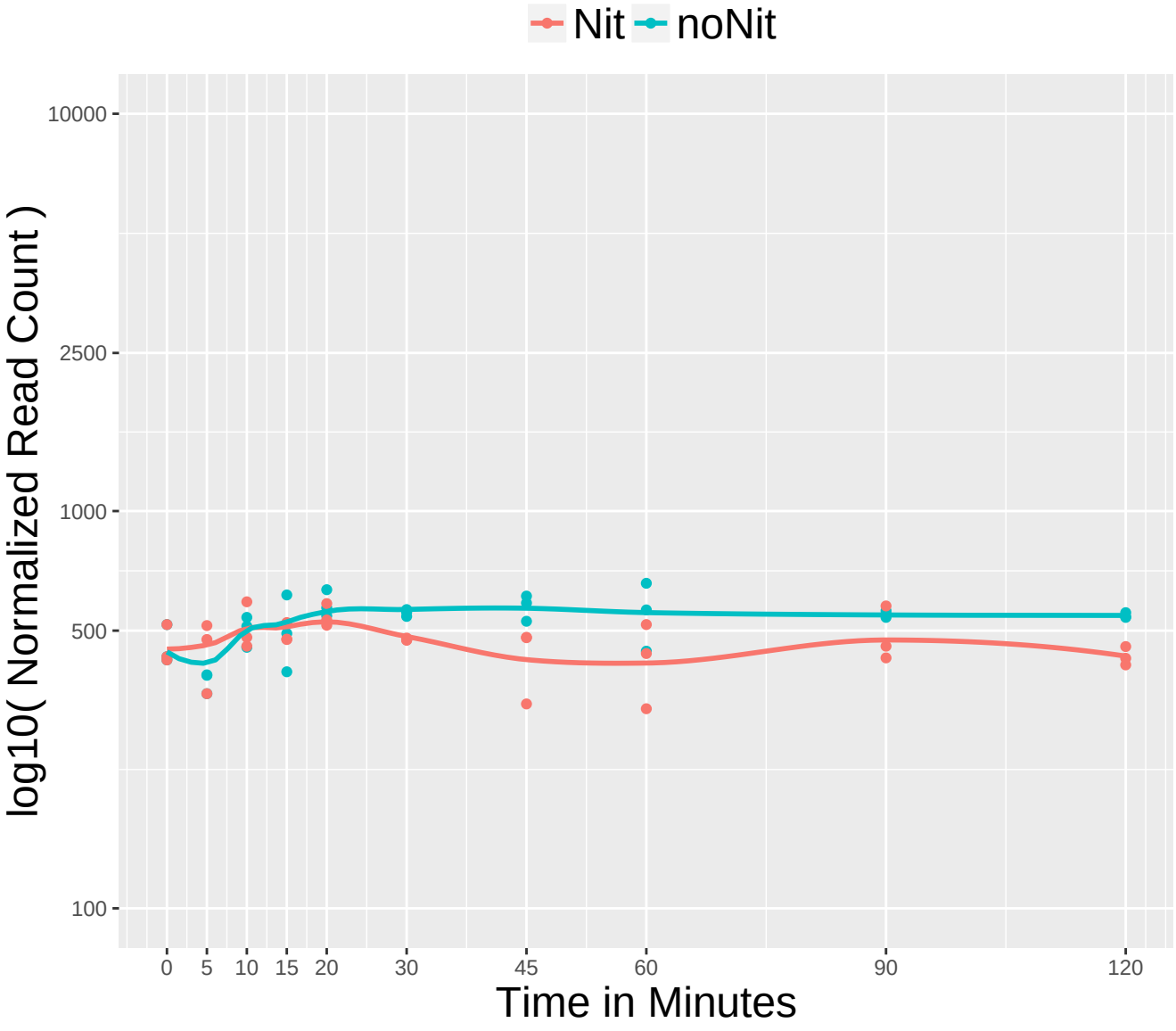
STY17,serine/threonine/tyrosine



AT5G13690

CYL1,CYCLOPS



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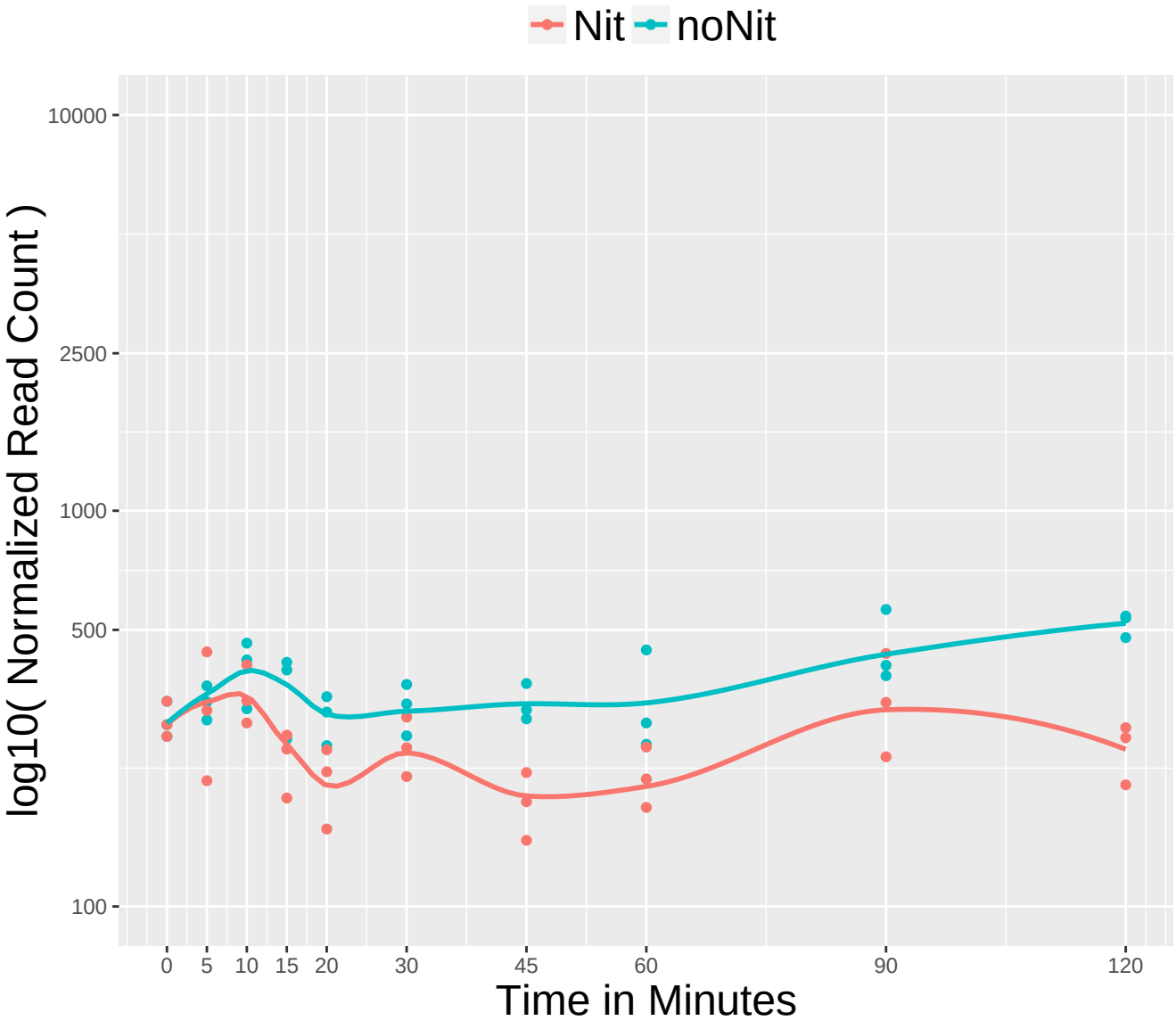
AtMYB78,myb



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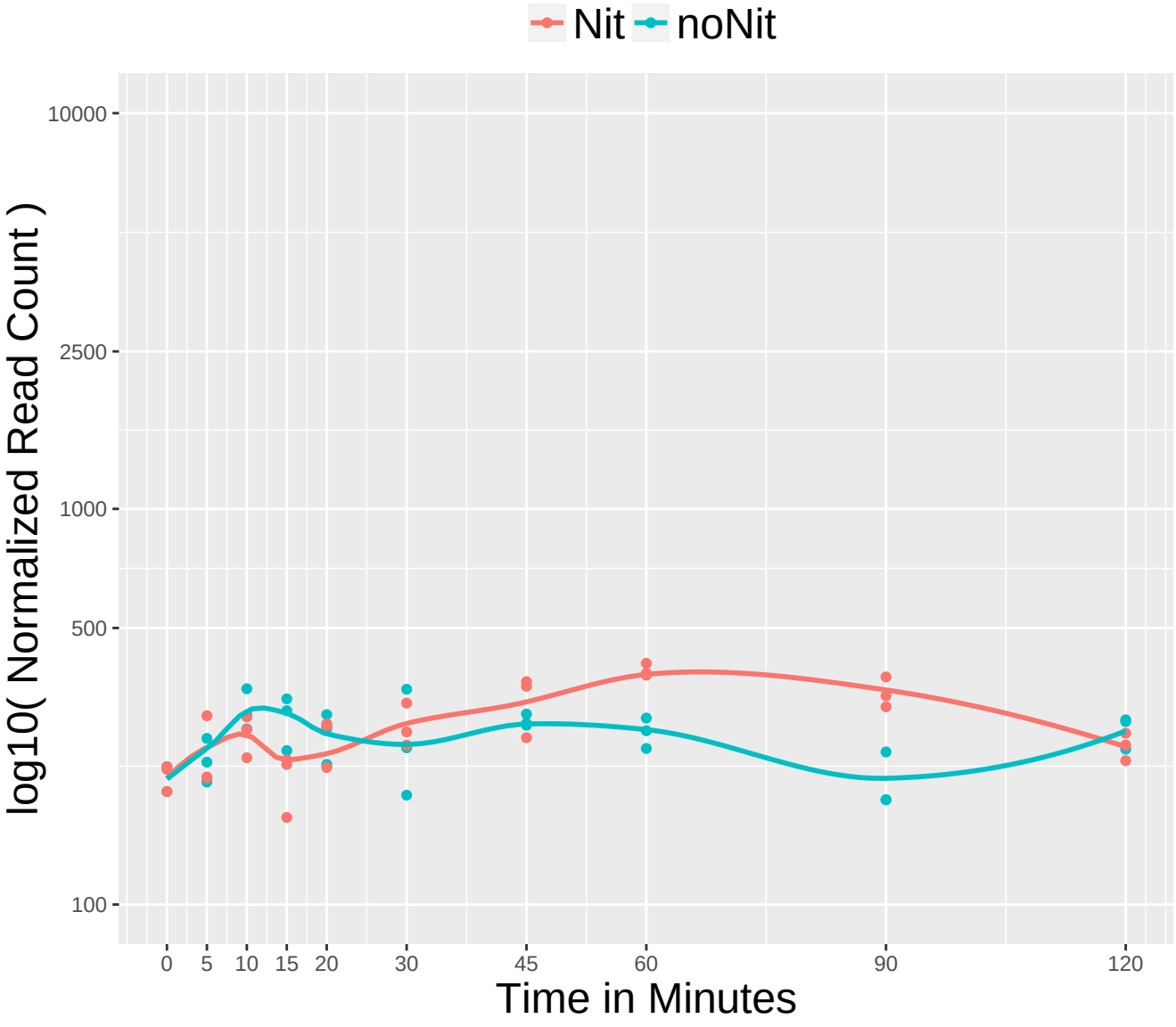
Pyridoxal



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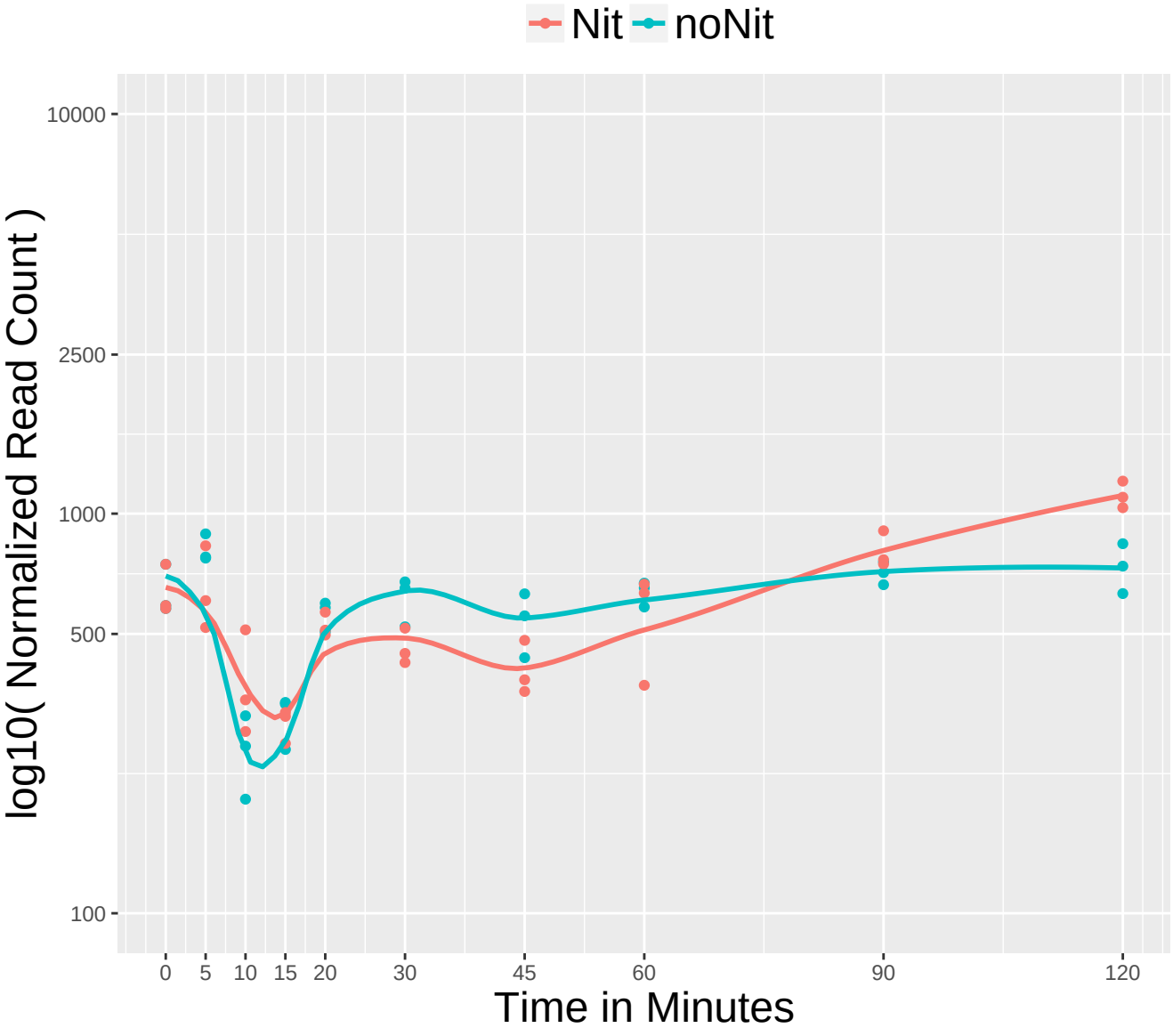
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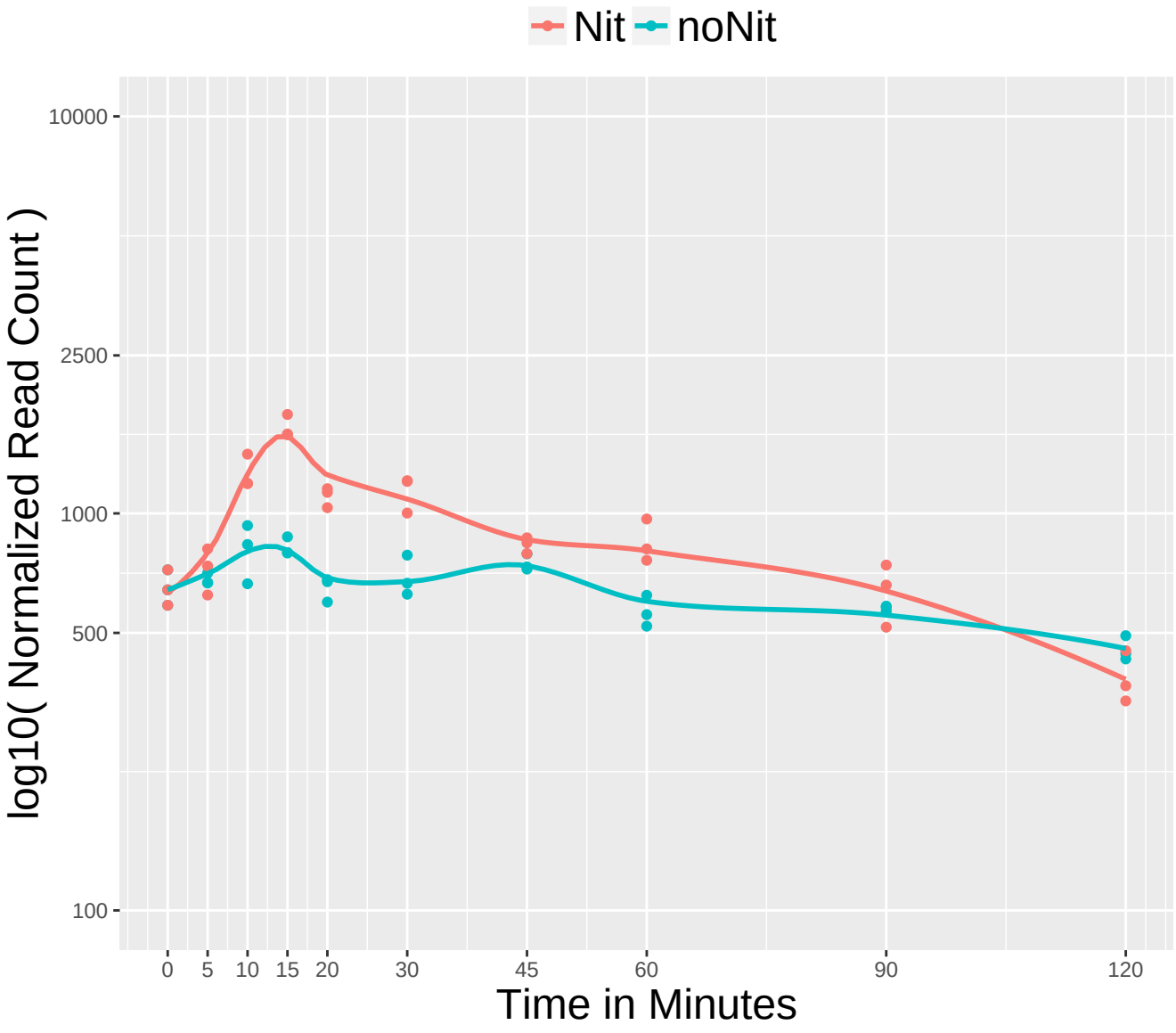
Time in Minutes

AT5G62020

AT−HSFB2A,ARABIDOPSIS



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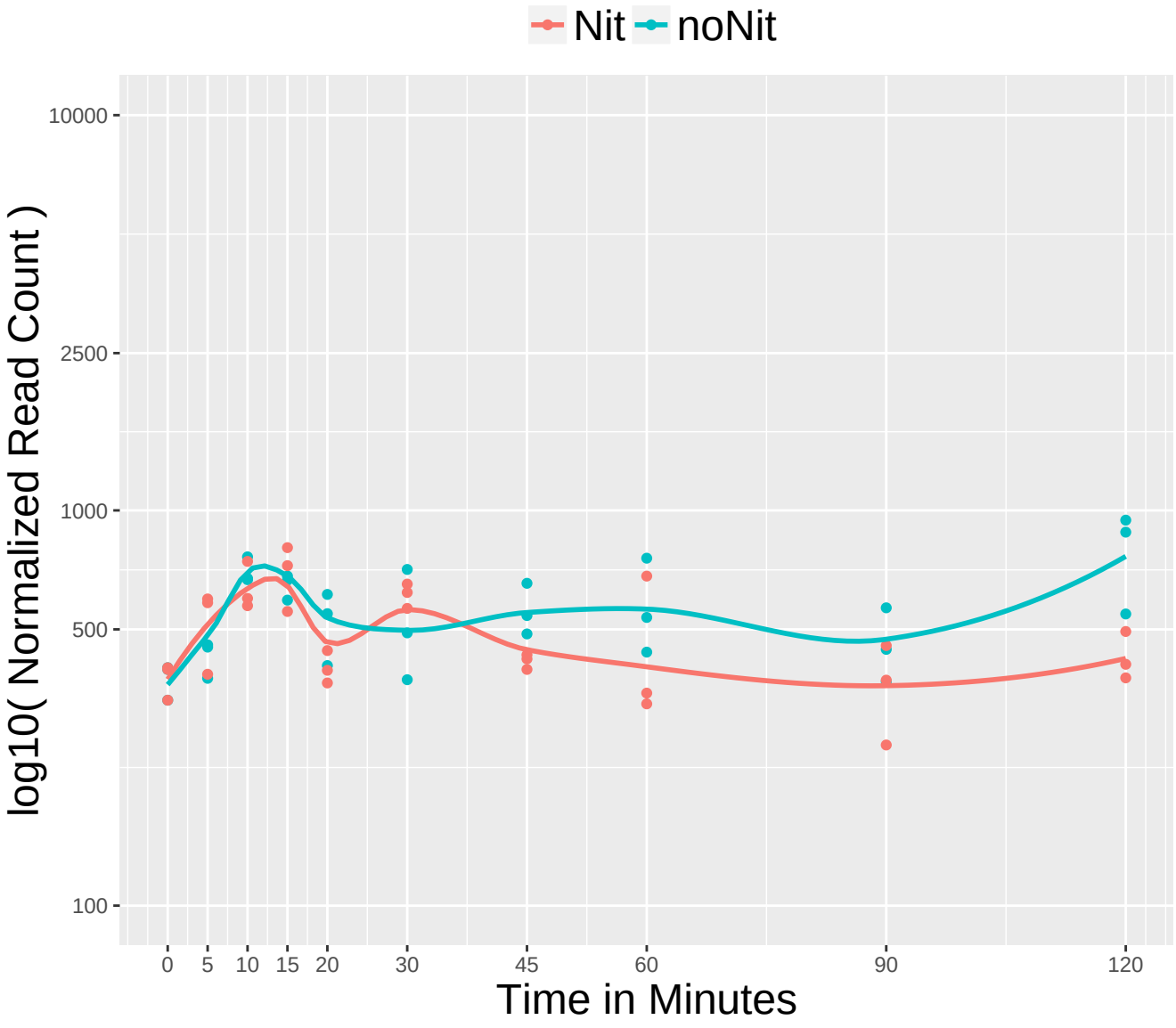

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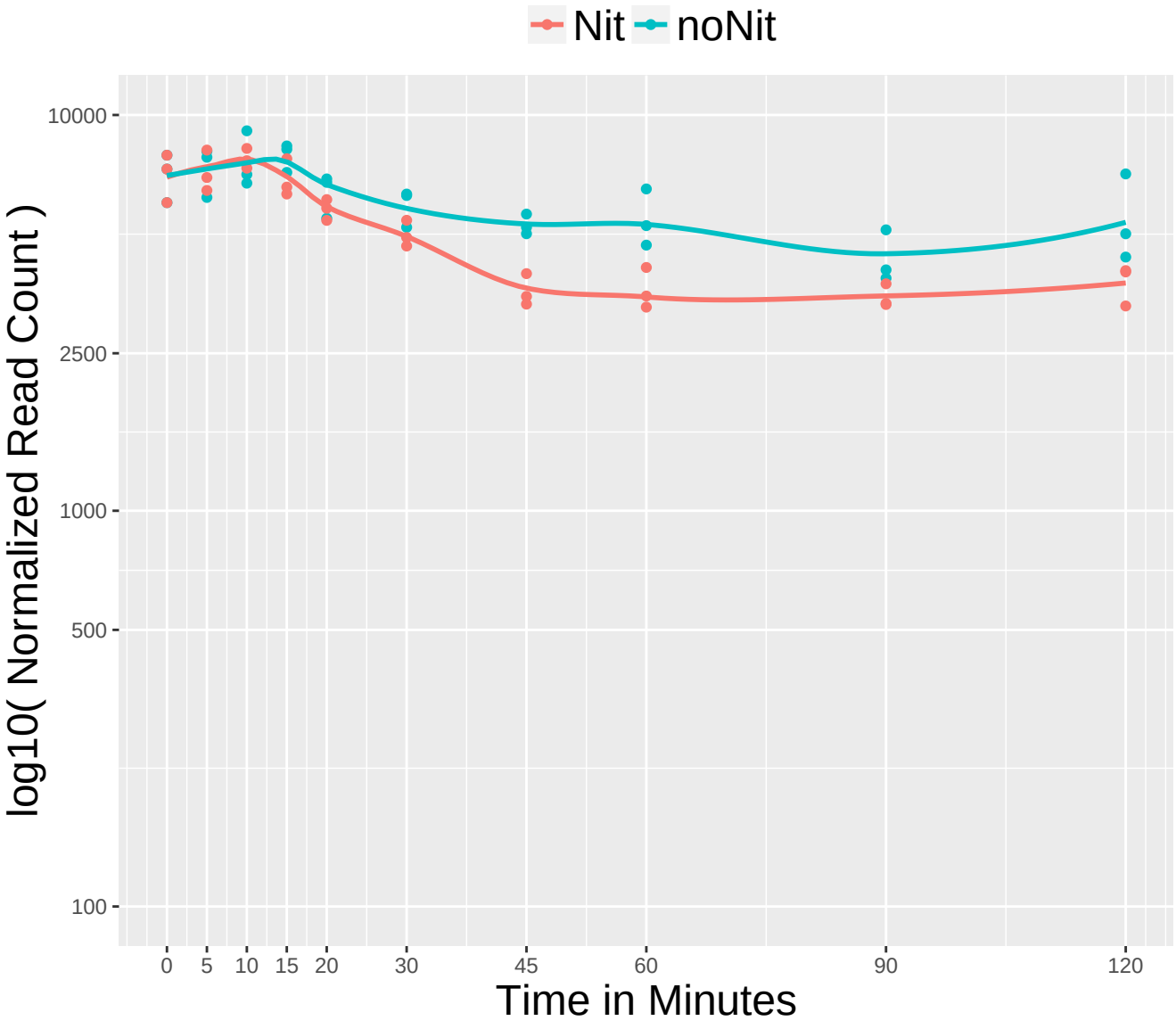
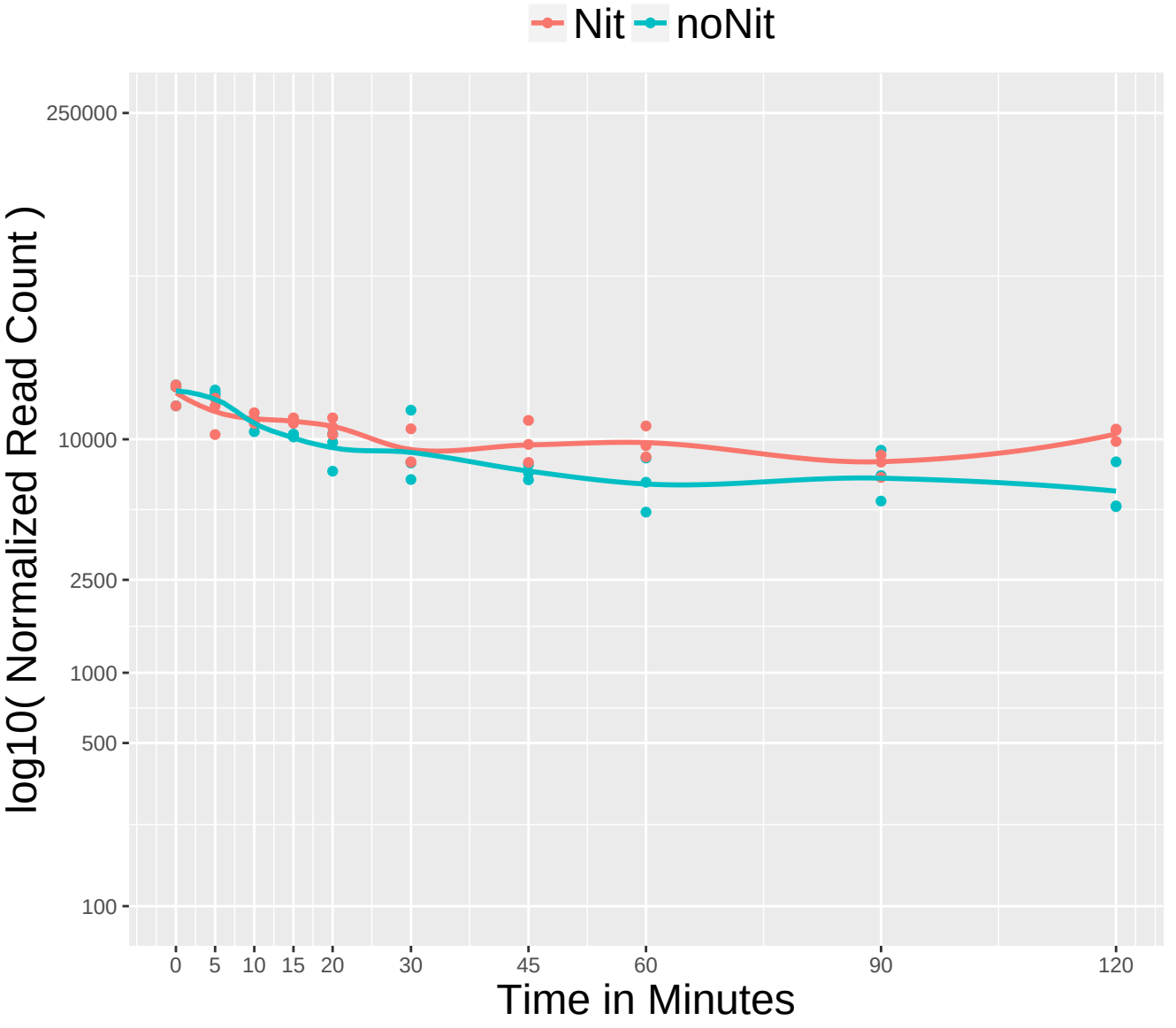
Aldolase−type



AT1G04480

Ribosomal



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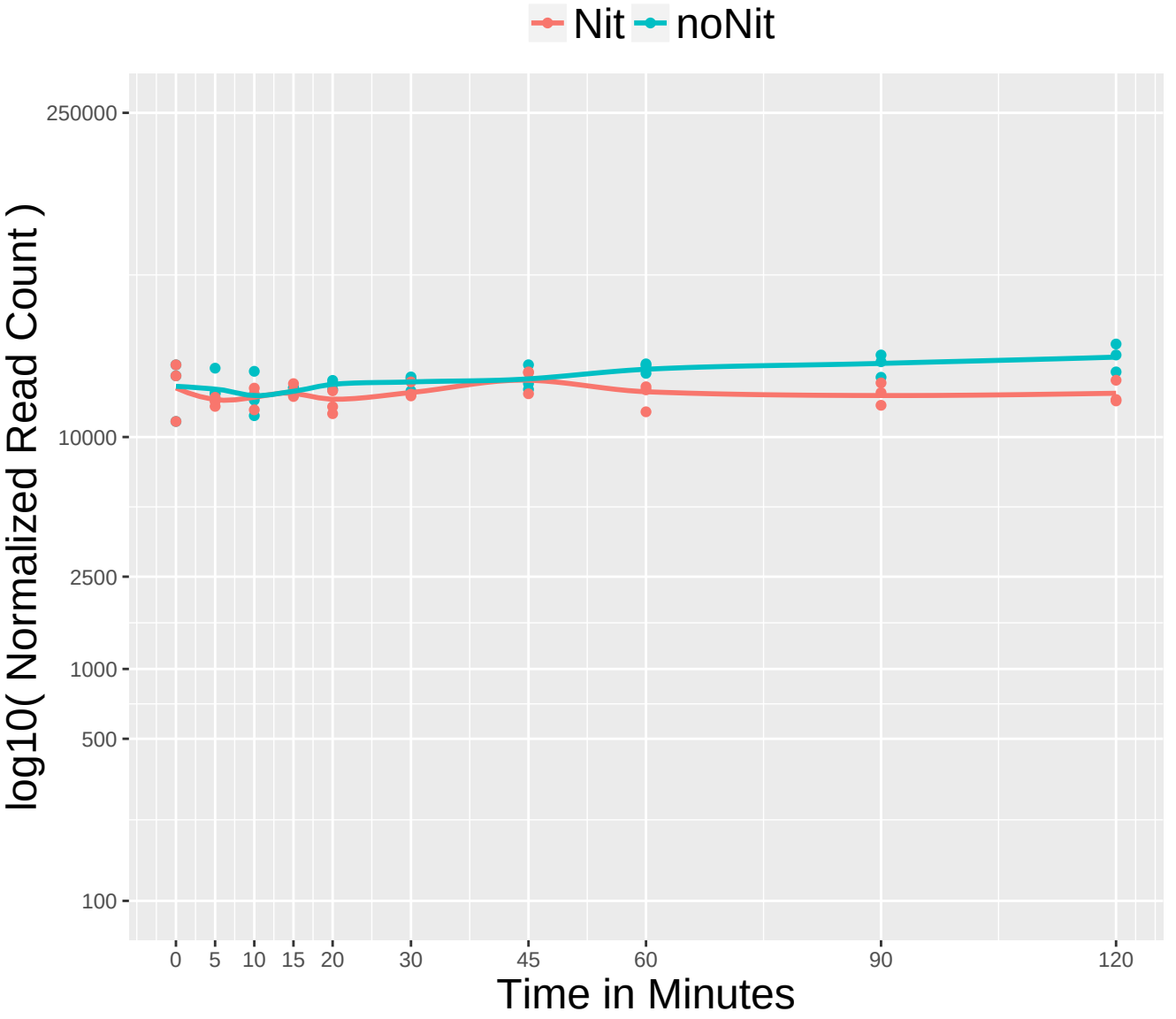
TOR2,TORTIFOLIA



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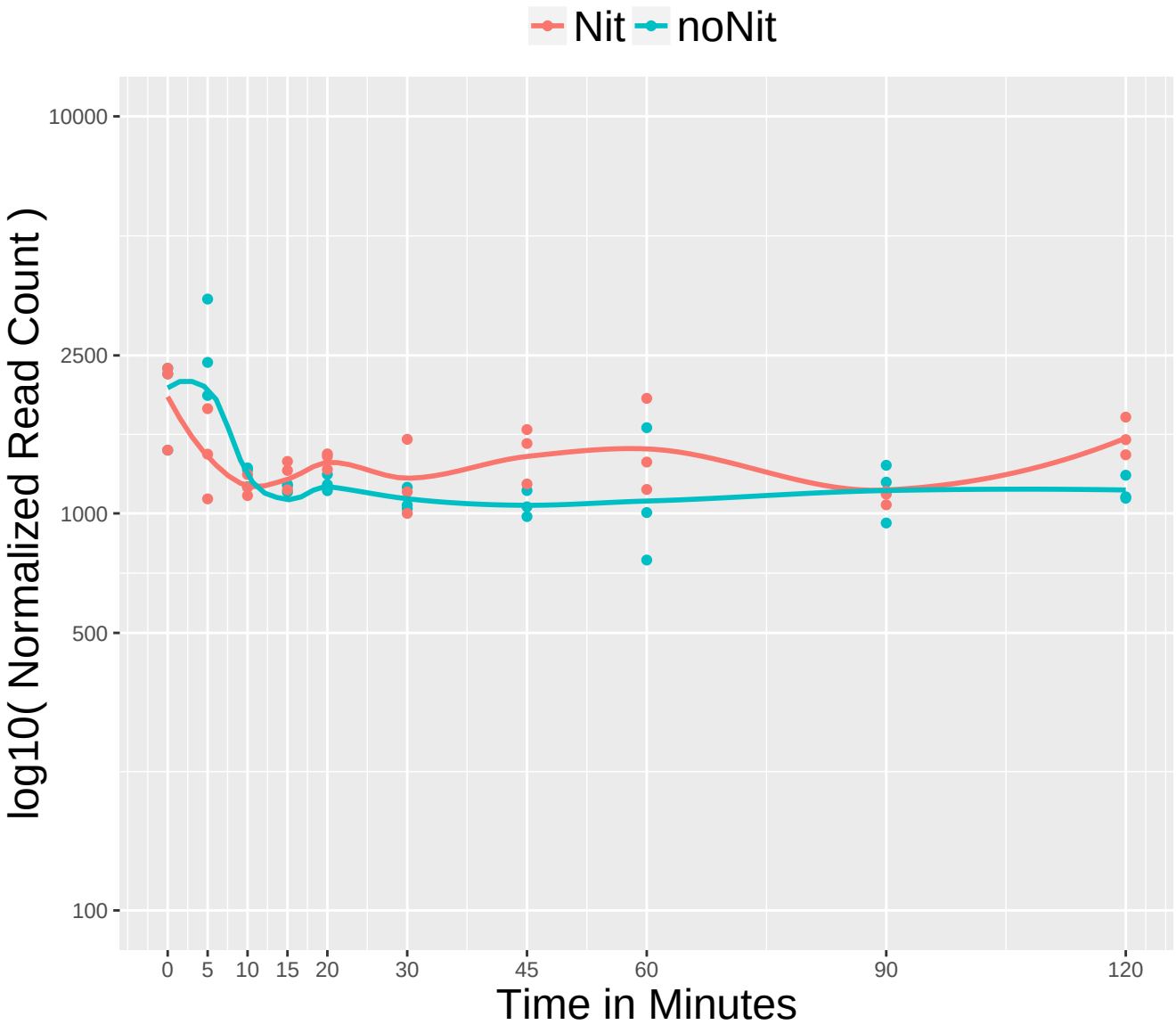
CRWN2,CROWDED



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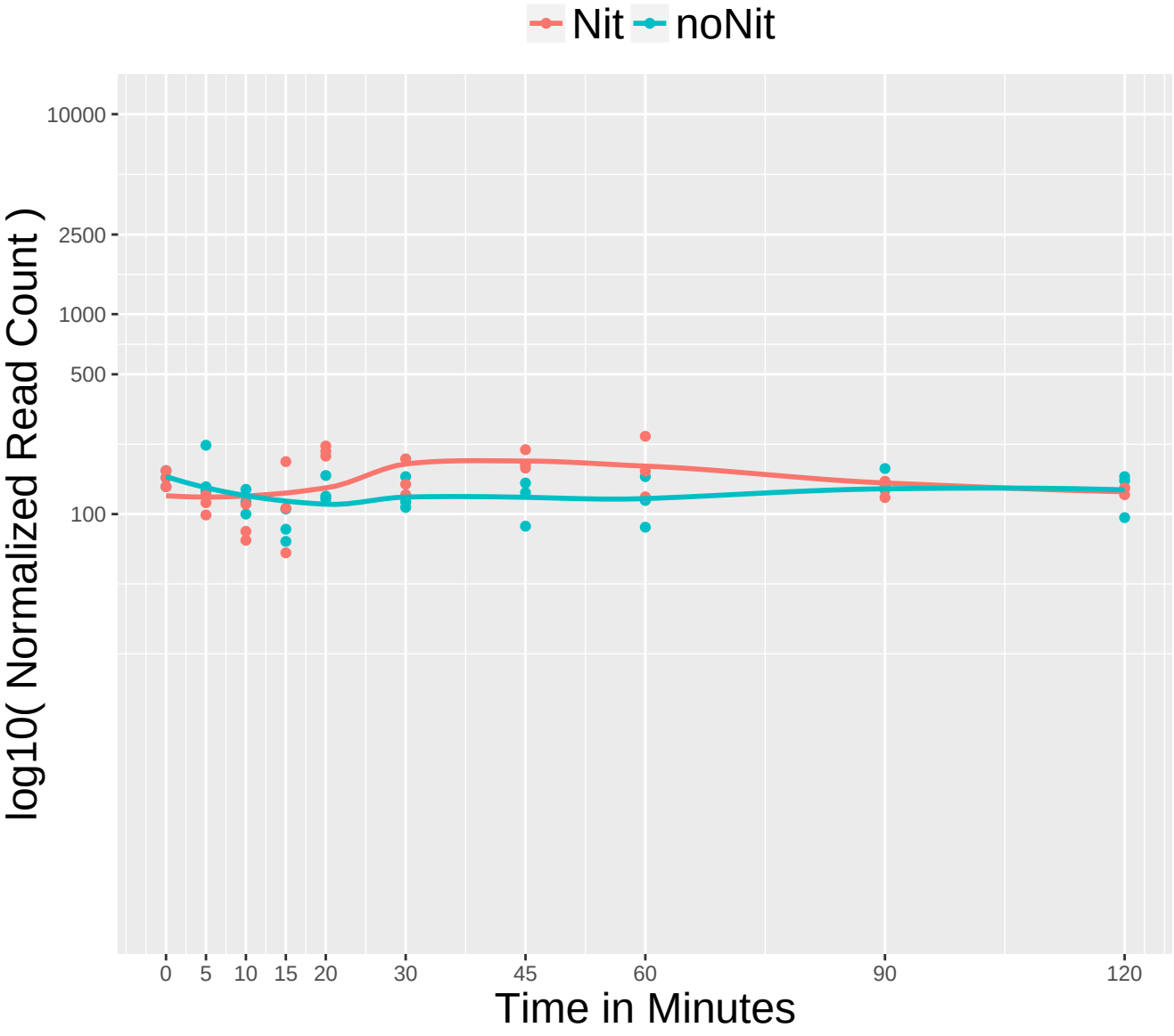

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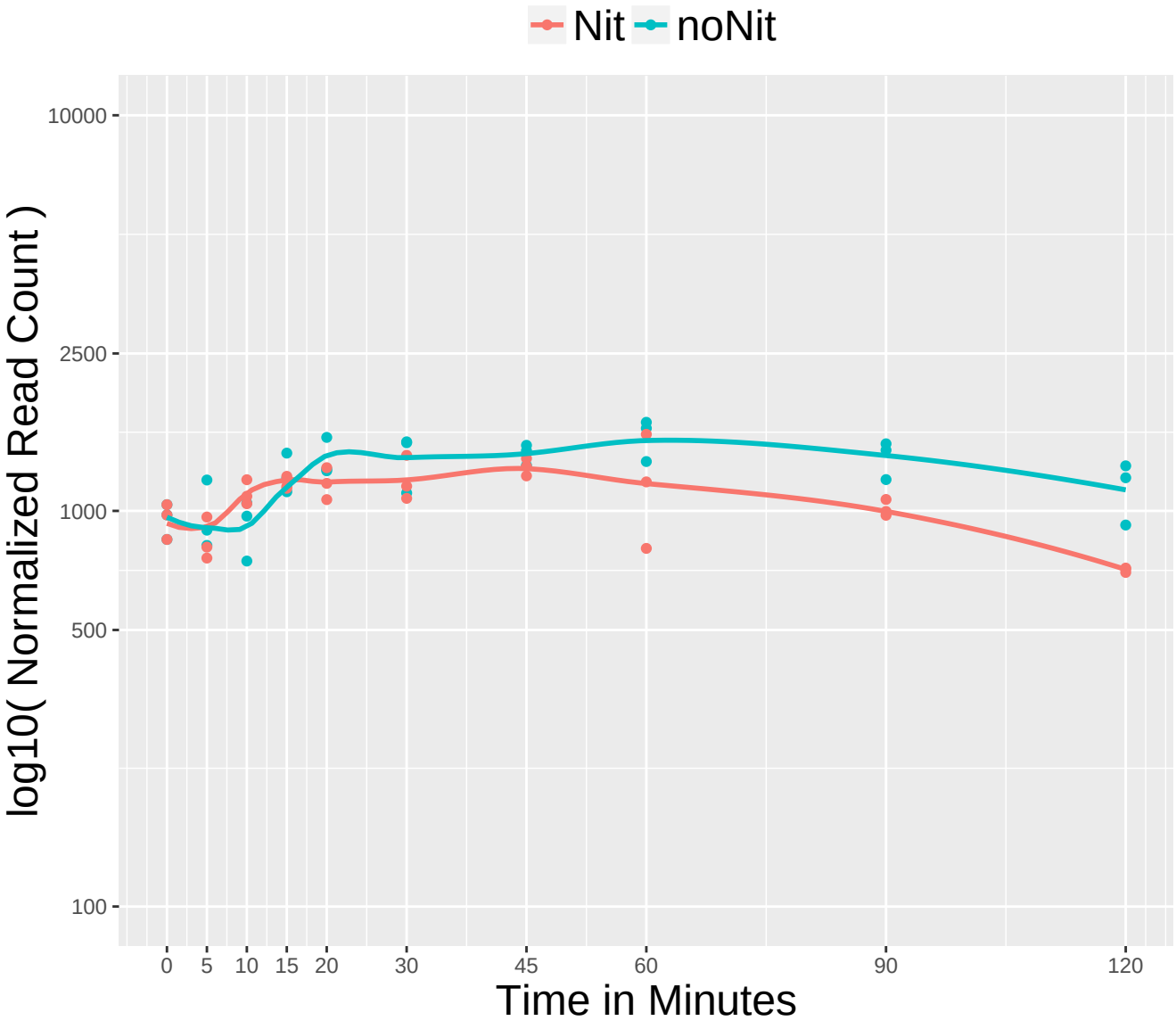
AAE18,acyl−activating



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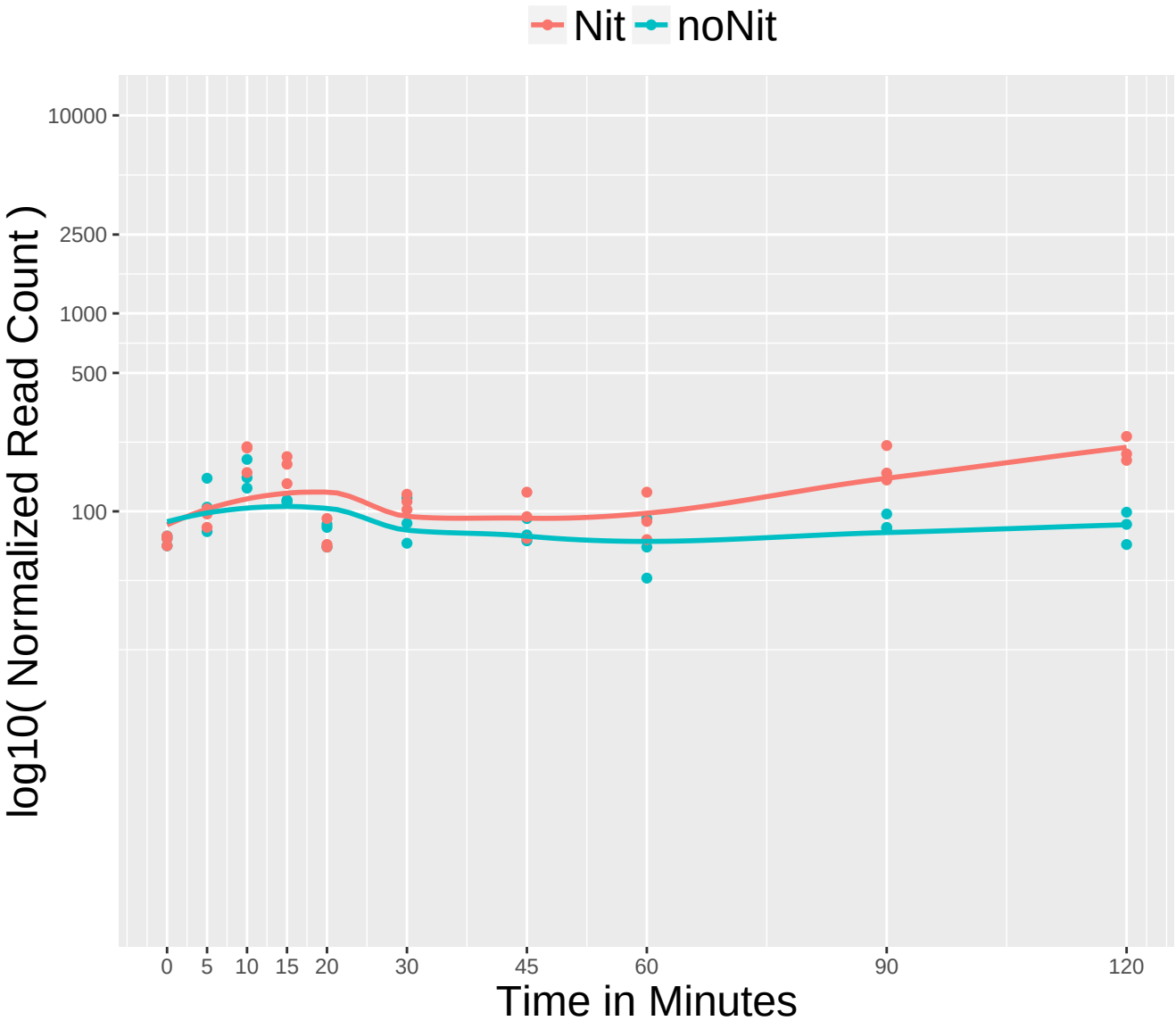
RNA−binding



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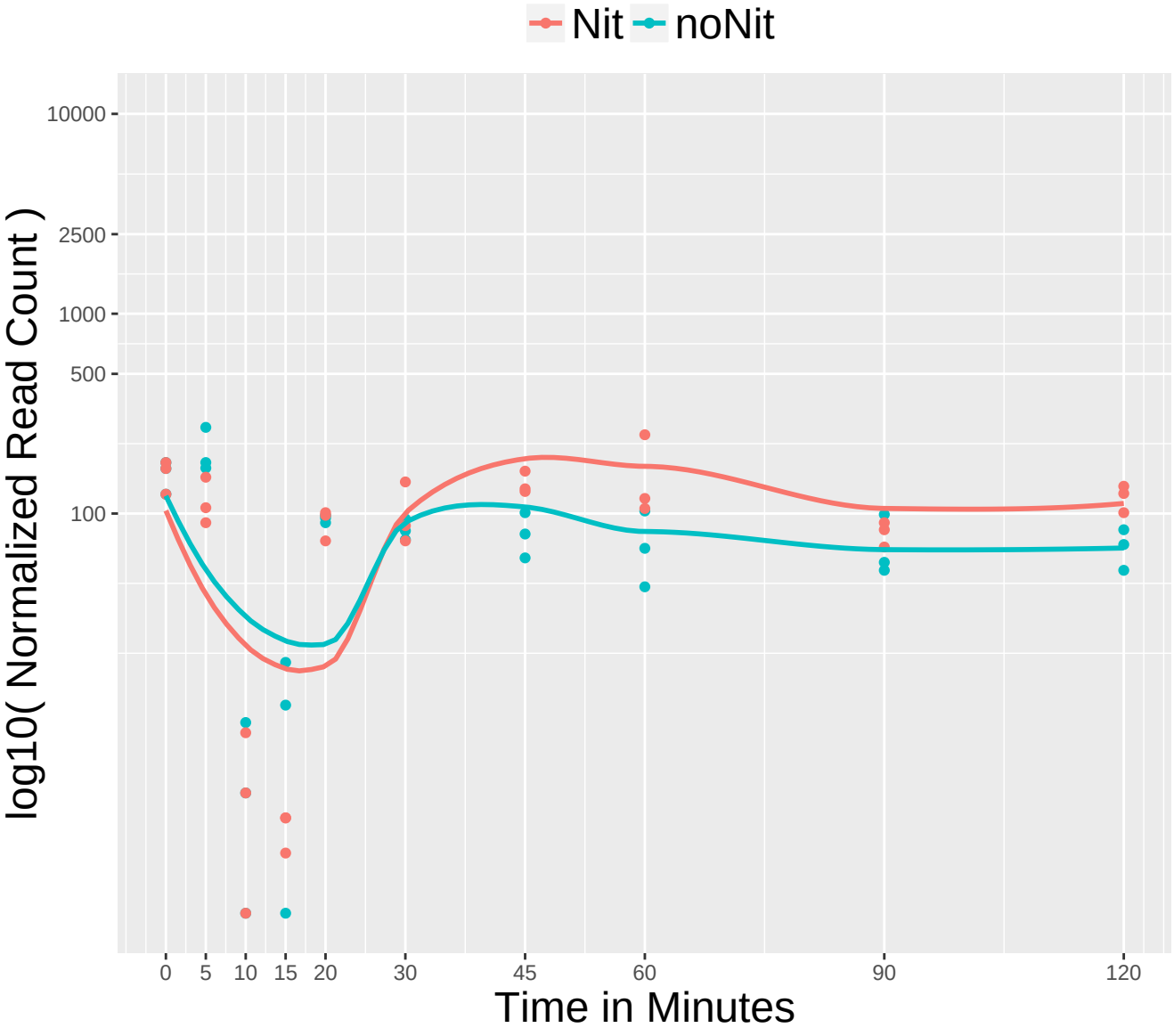

AT2G17370

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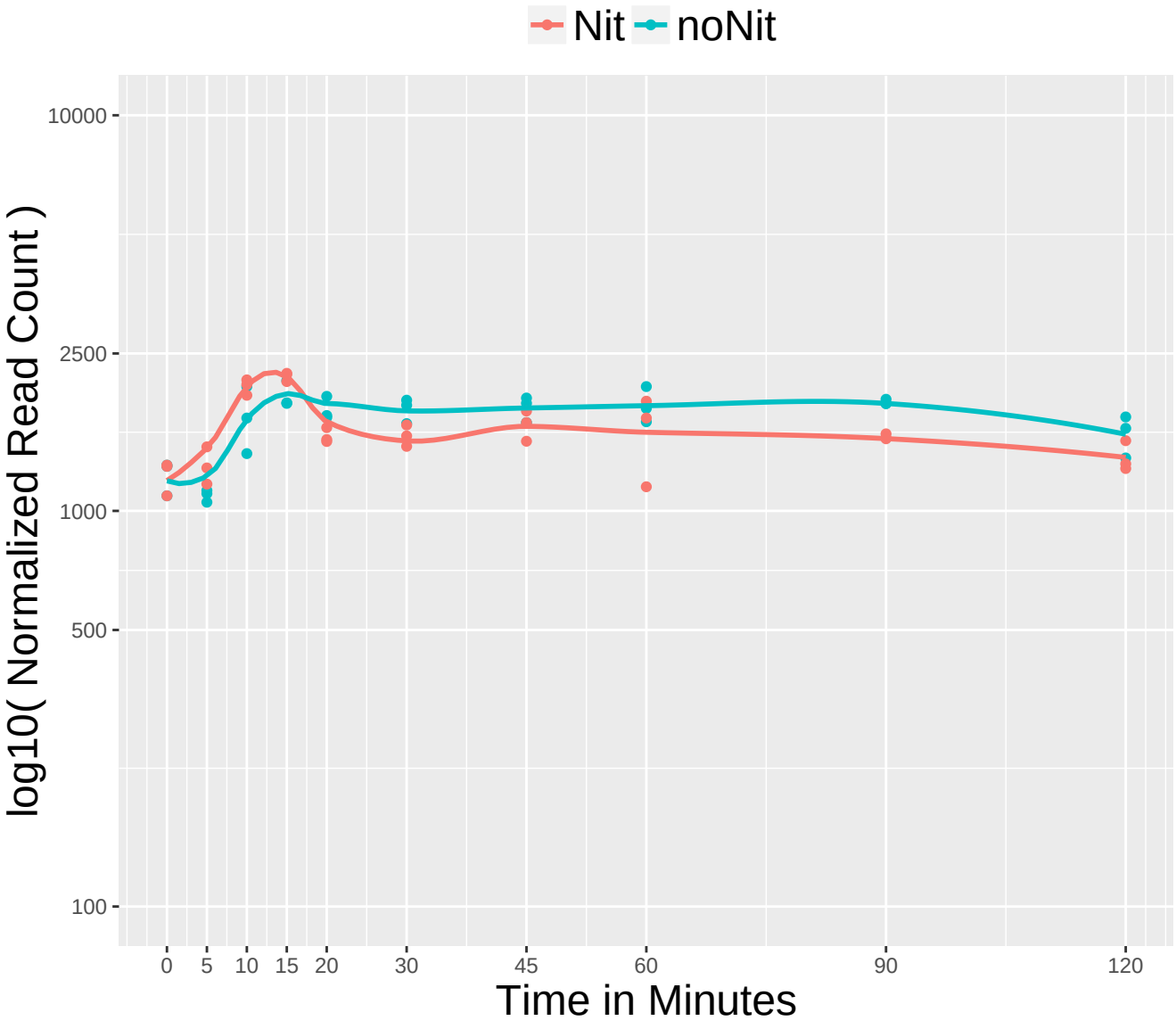

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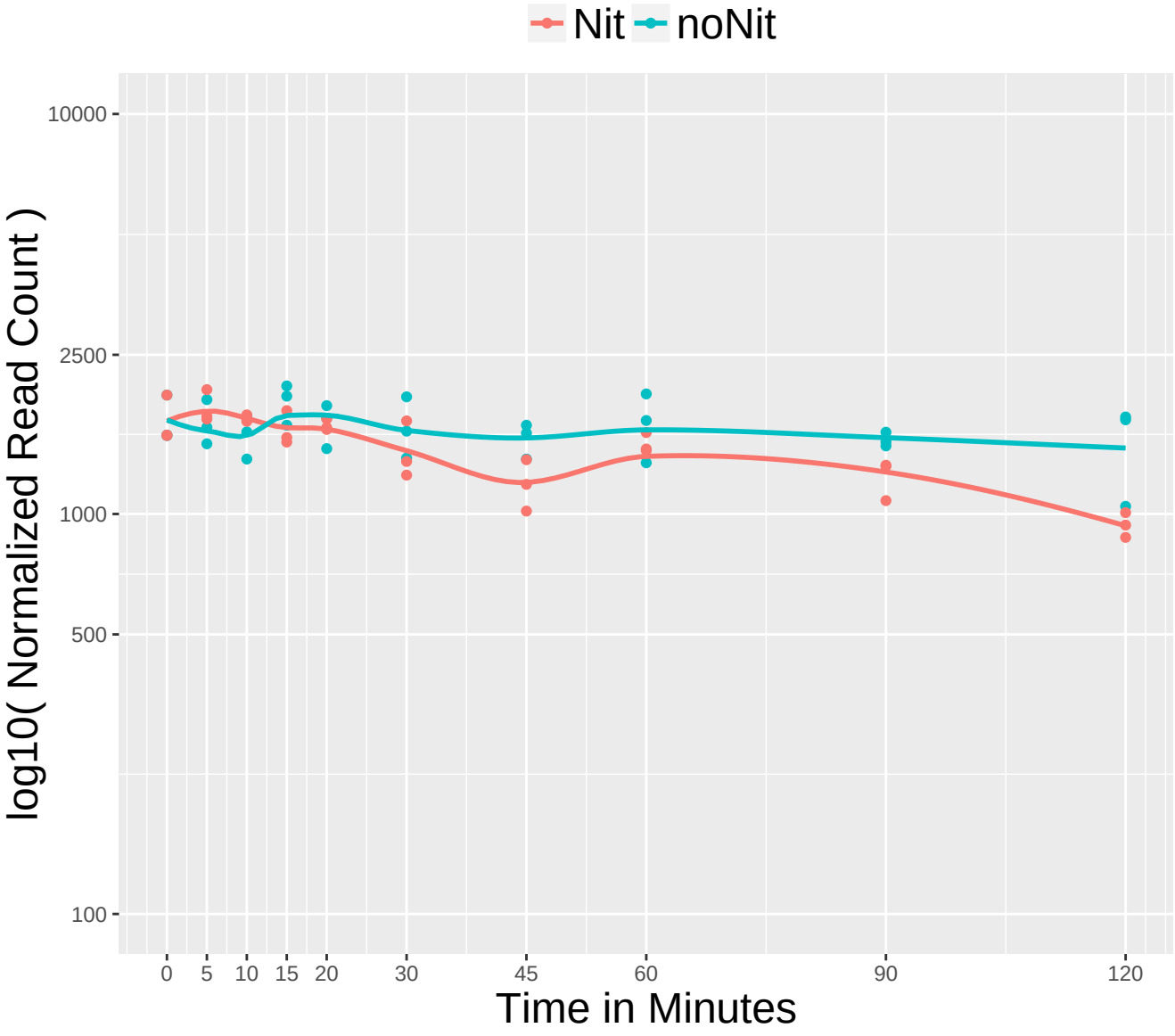
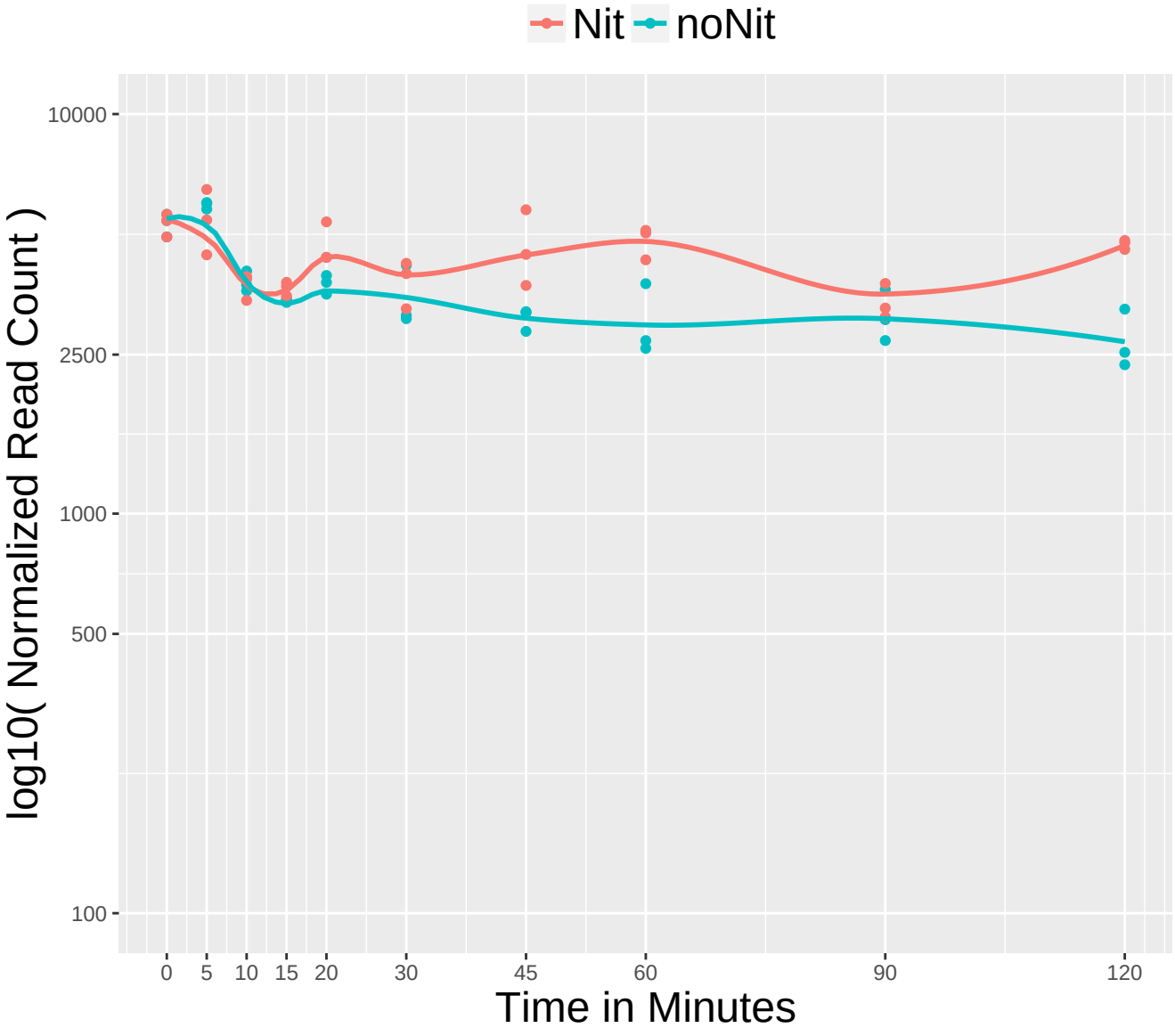
Protein



AT3G09735

S1FA−like



AT3G18370

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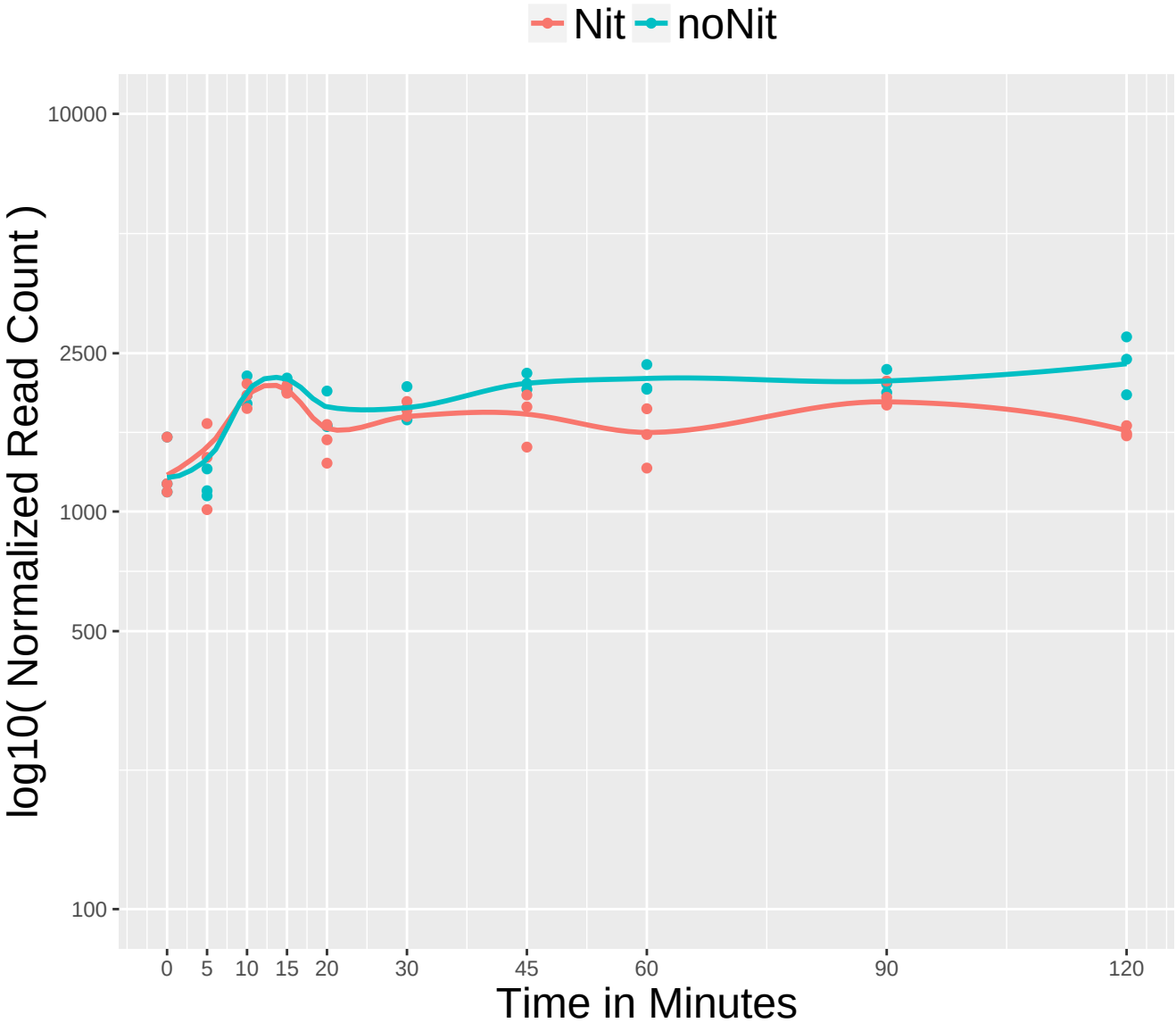
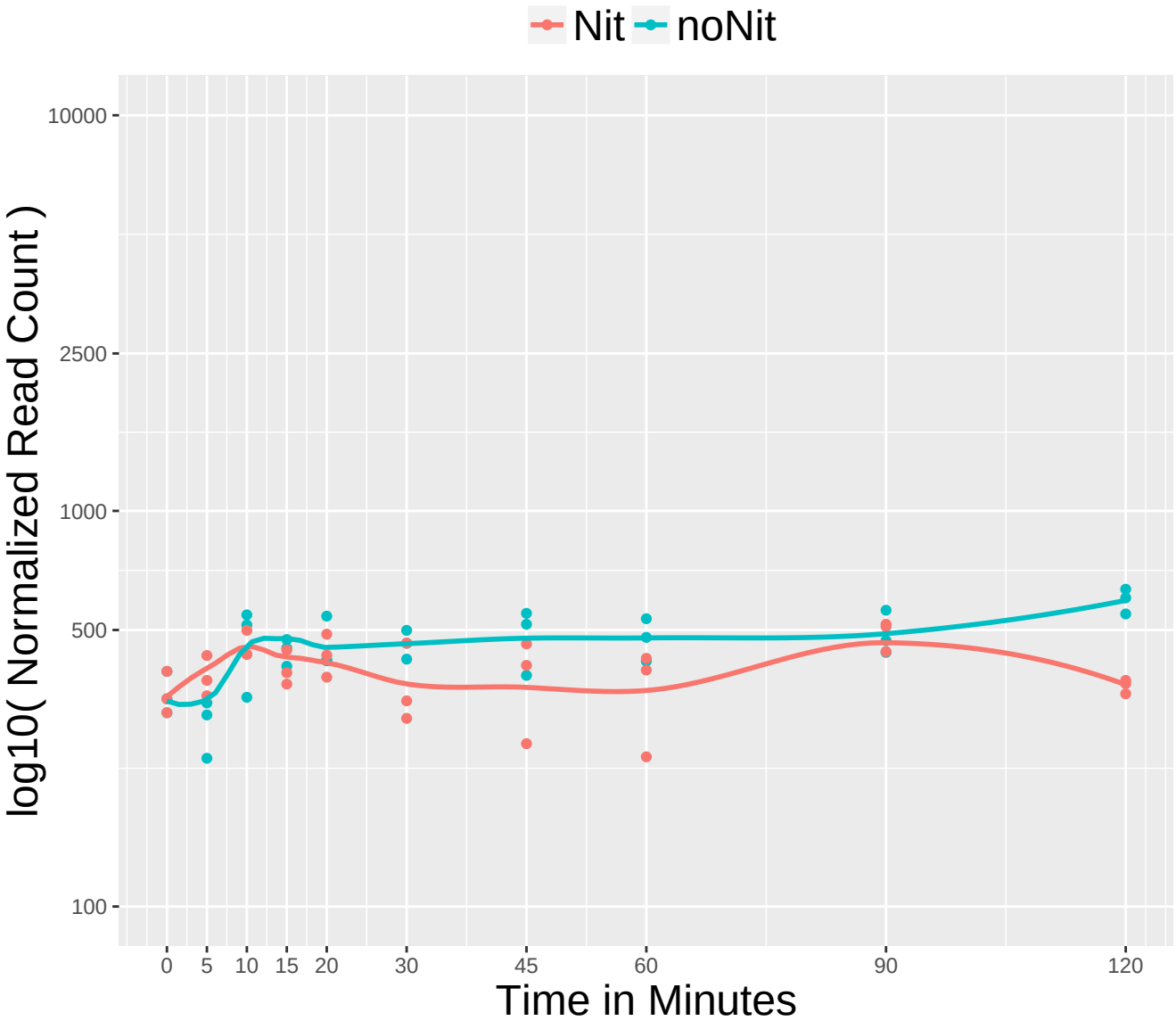


AT3G29320

PHS1,alpha−glucan



AT4G03510

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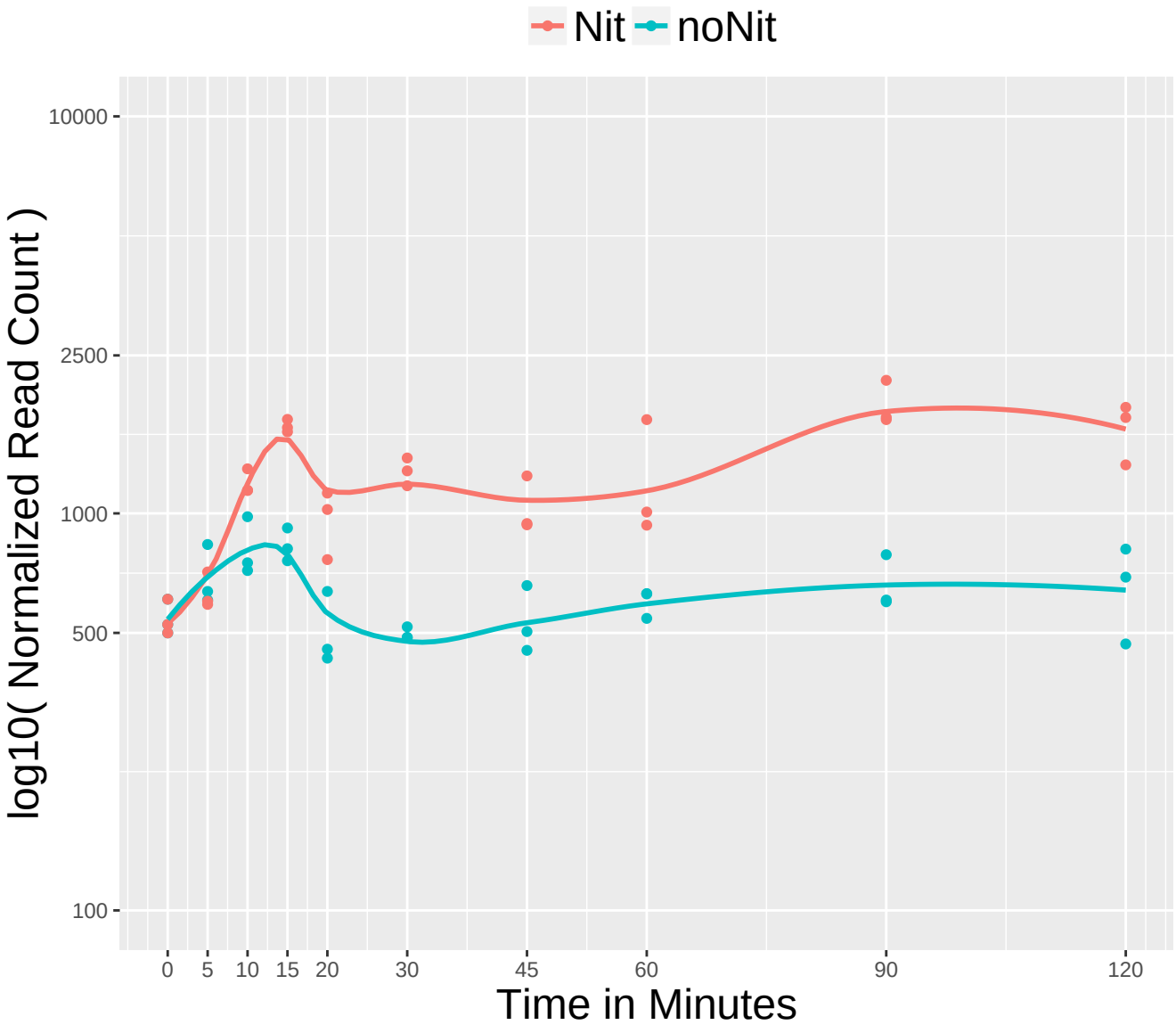

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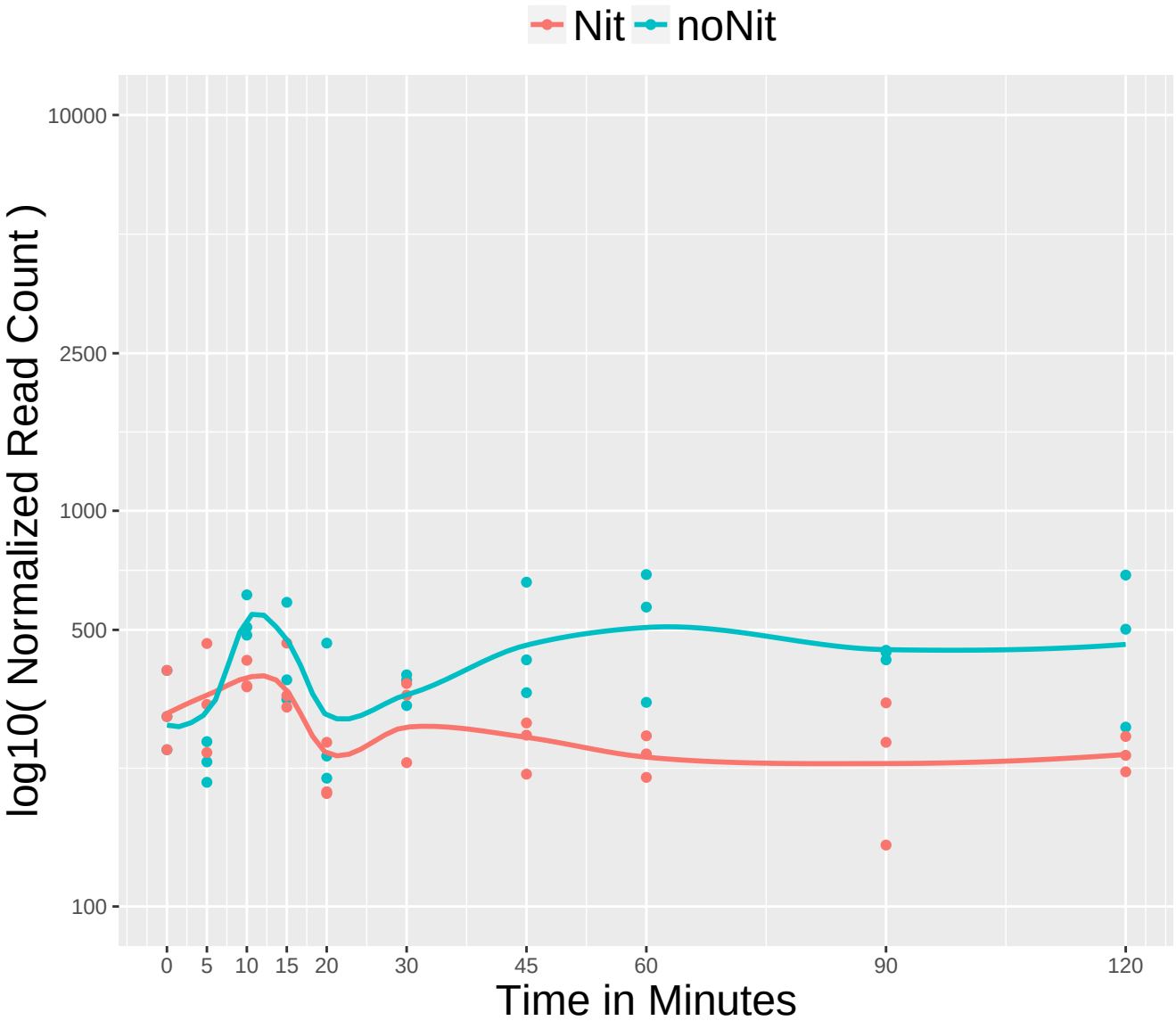
CYP71A19,"cytochrome



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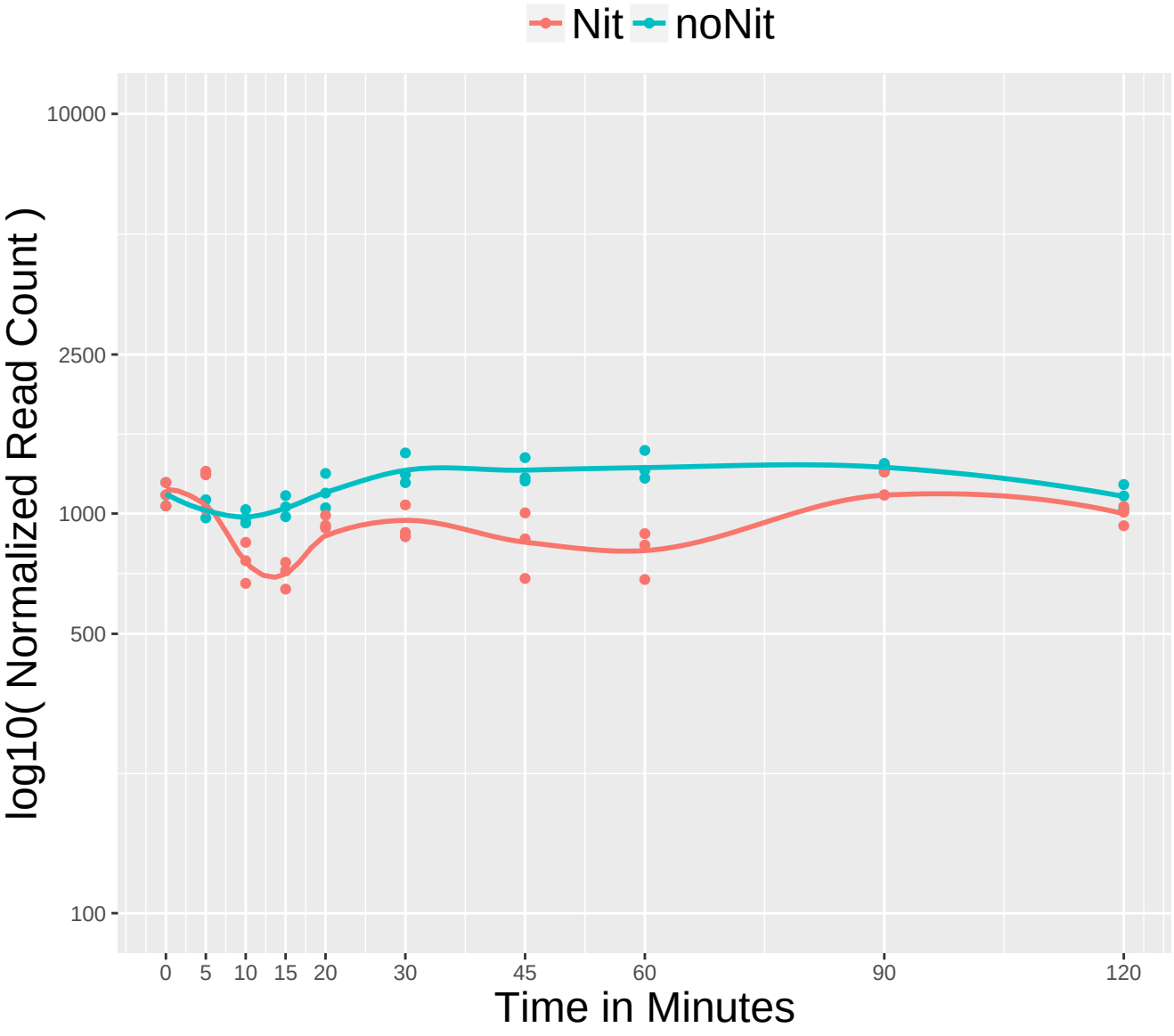
F−box



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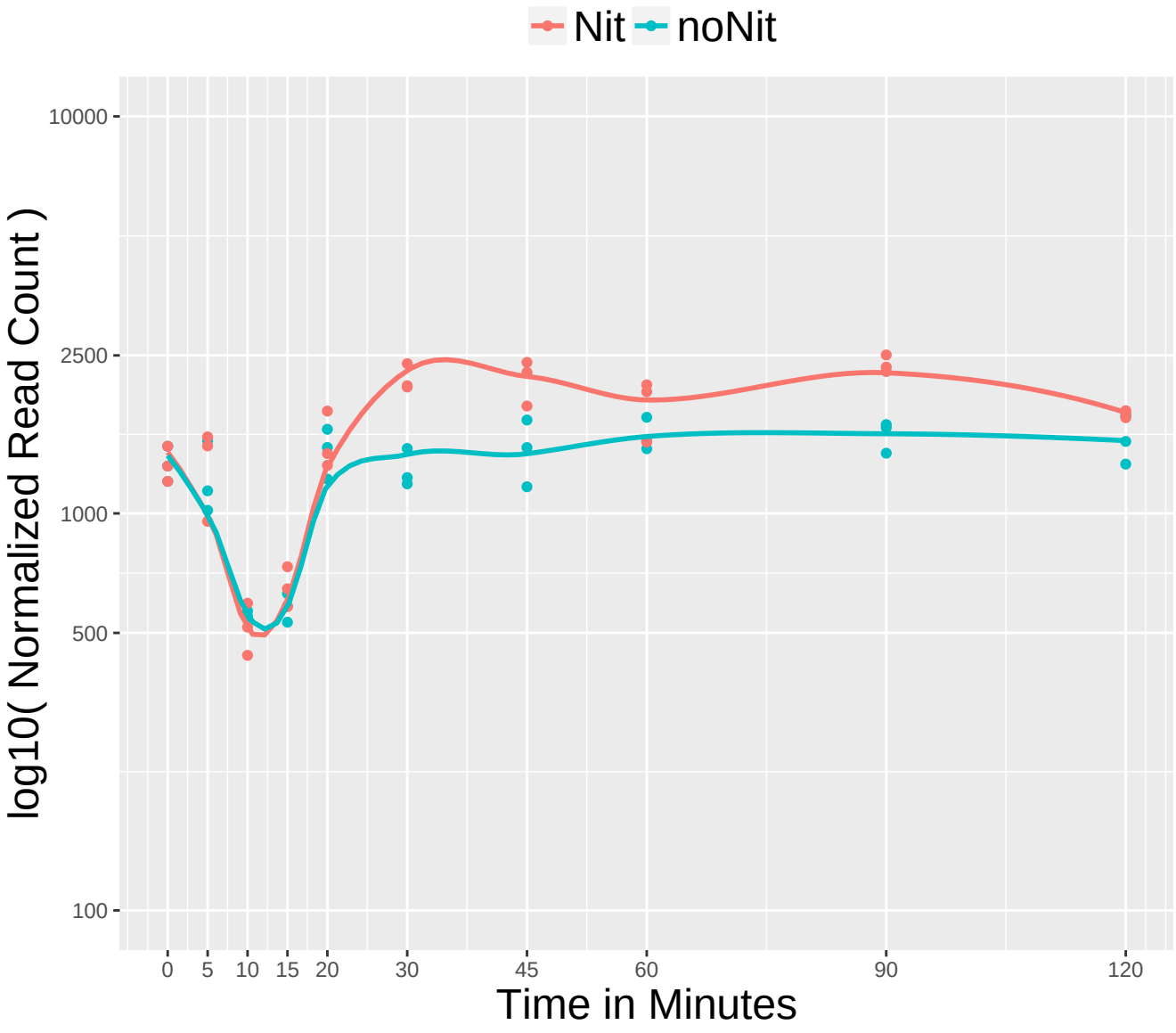

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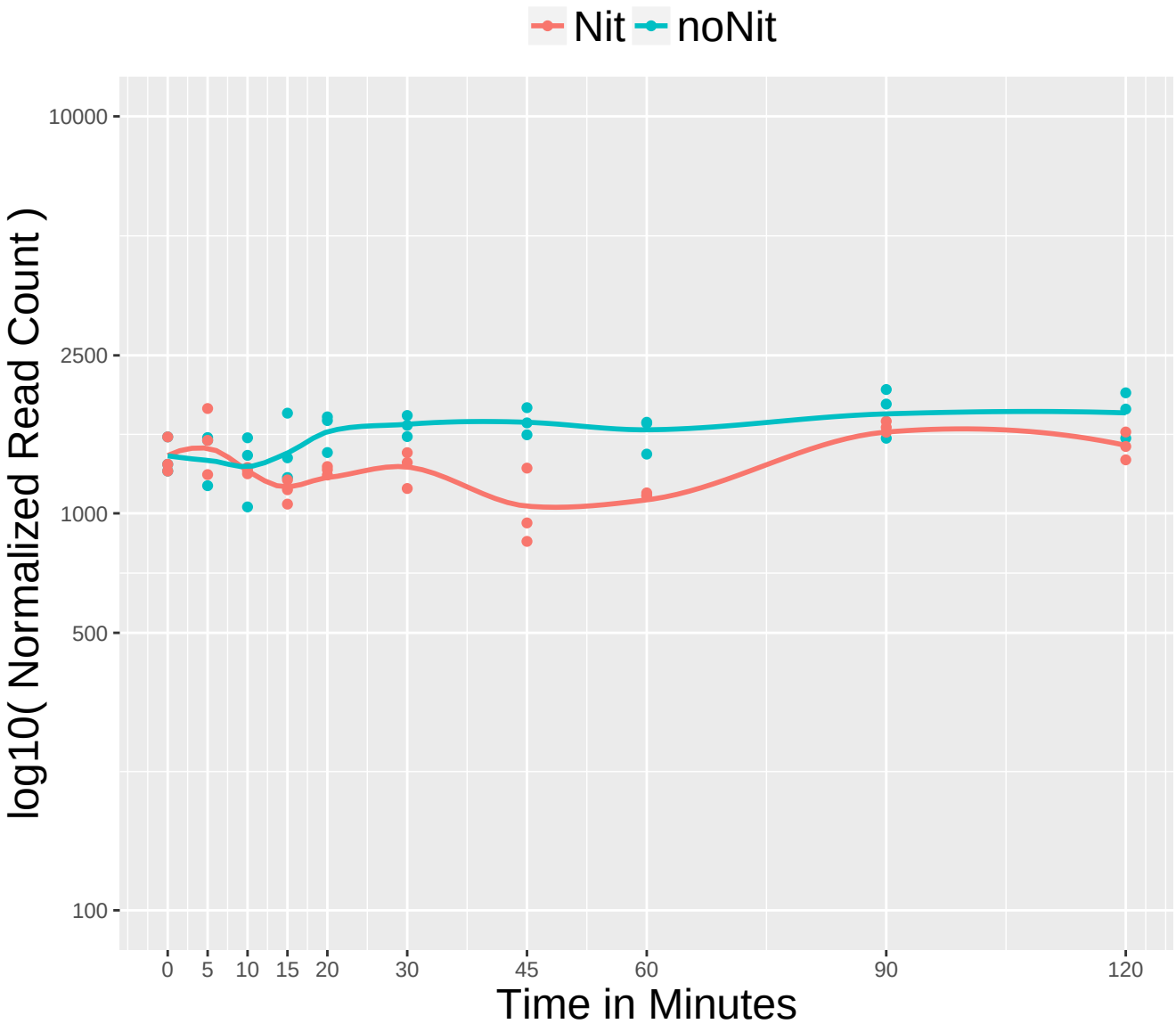
SD2−5,S−domain−2



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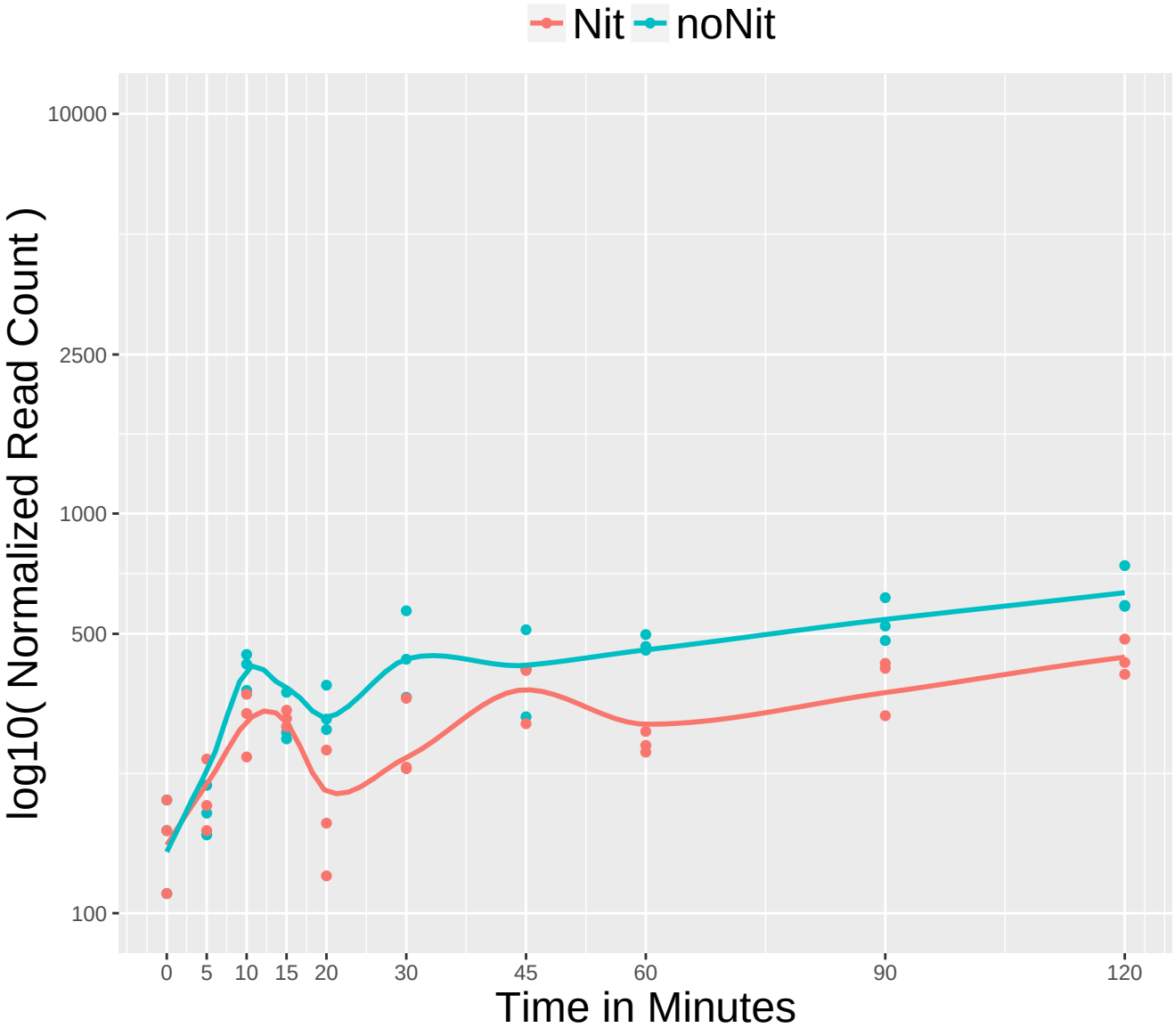

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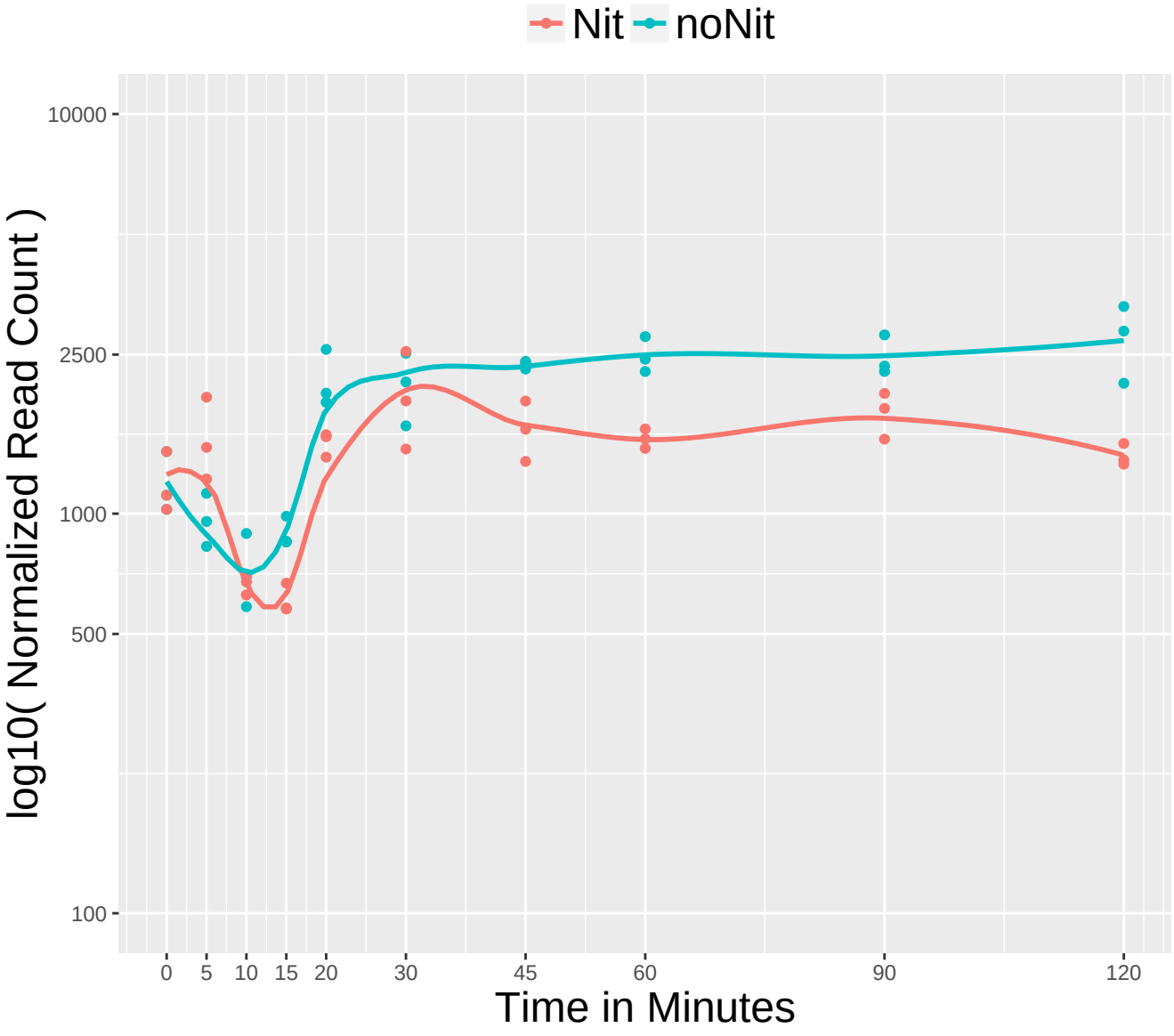
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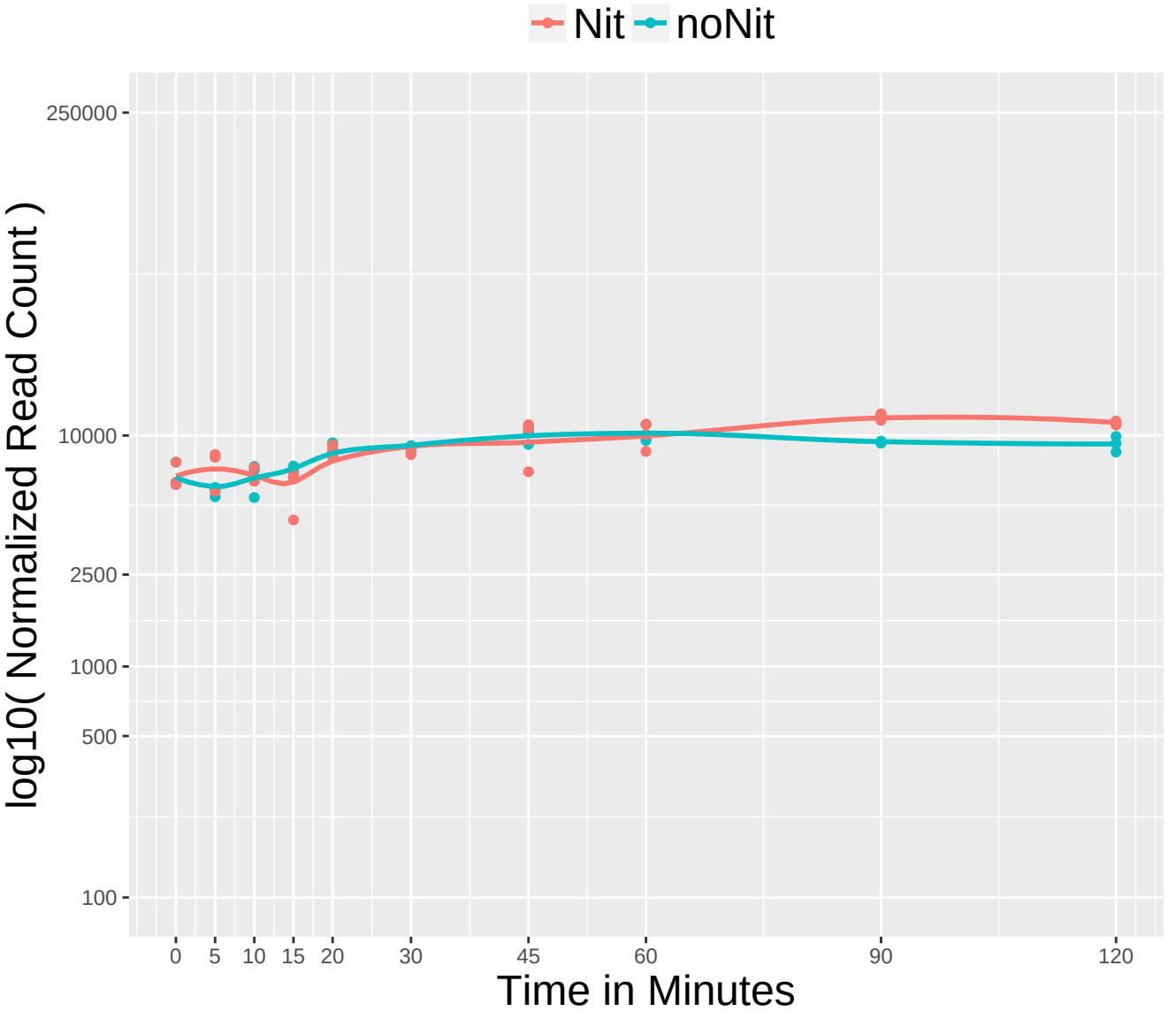
Time in Minutes

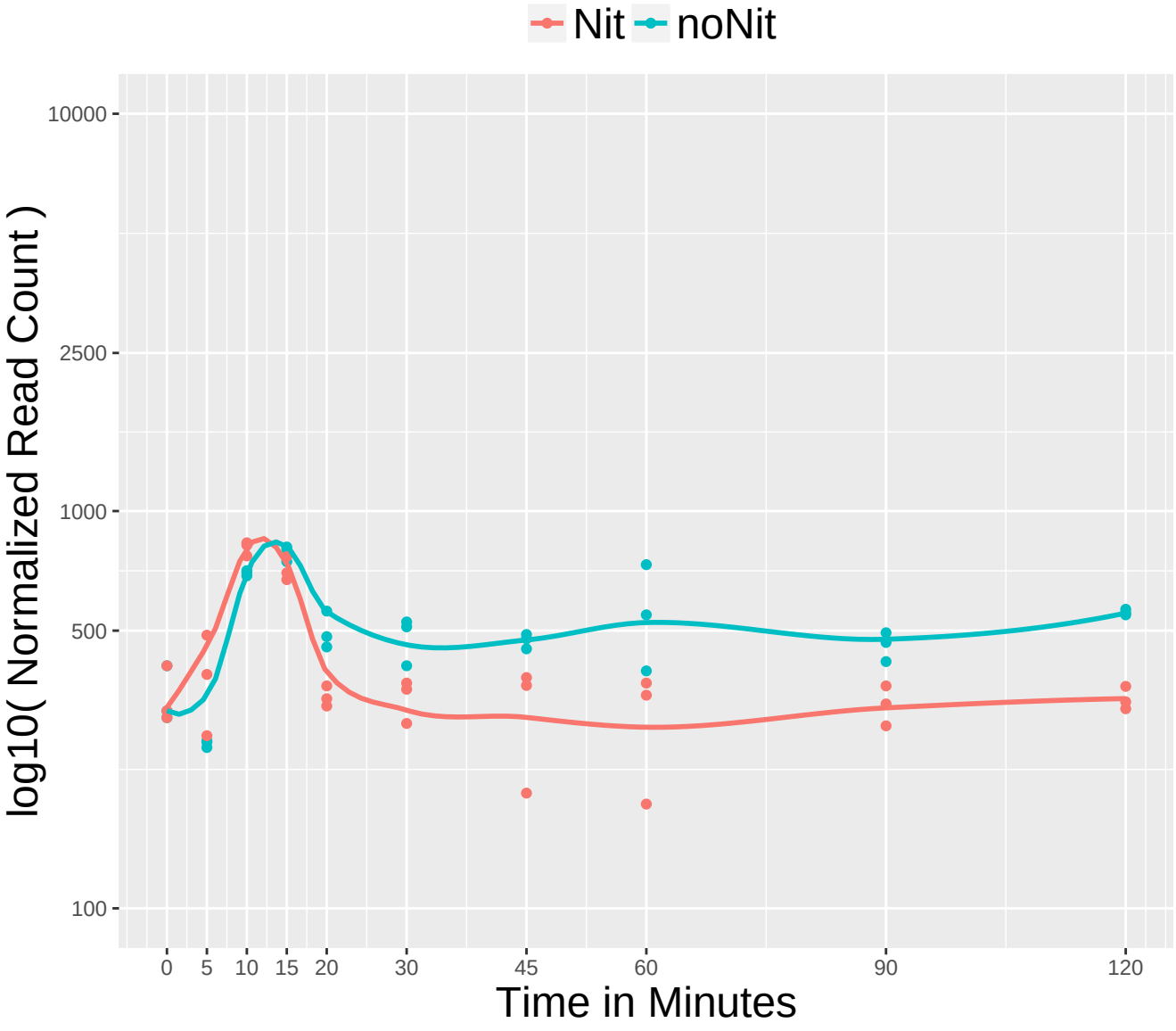
AT5G60790

ABCF1,ATP−binding



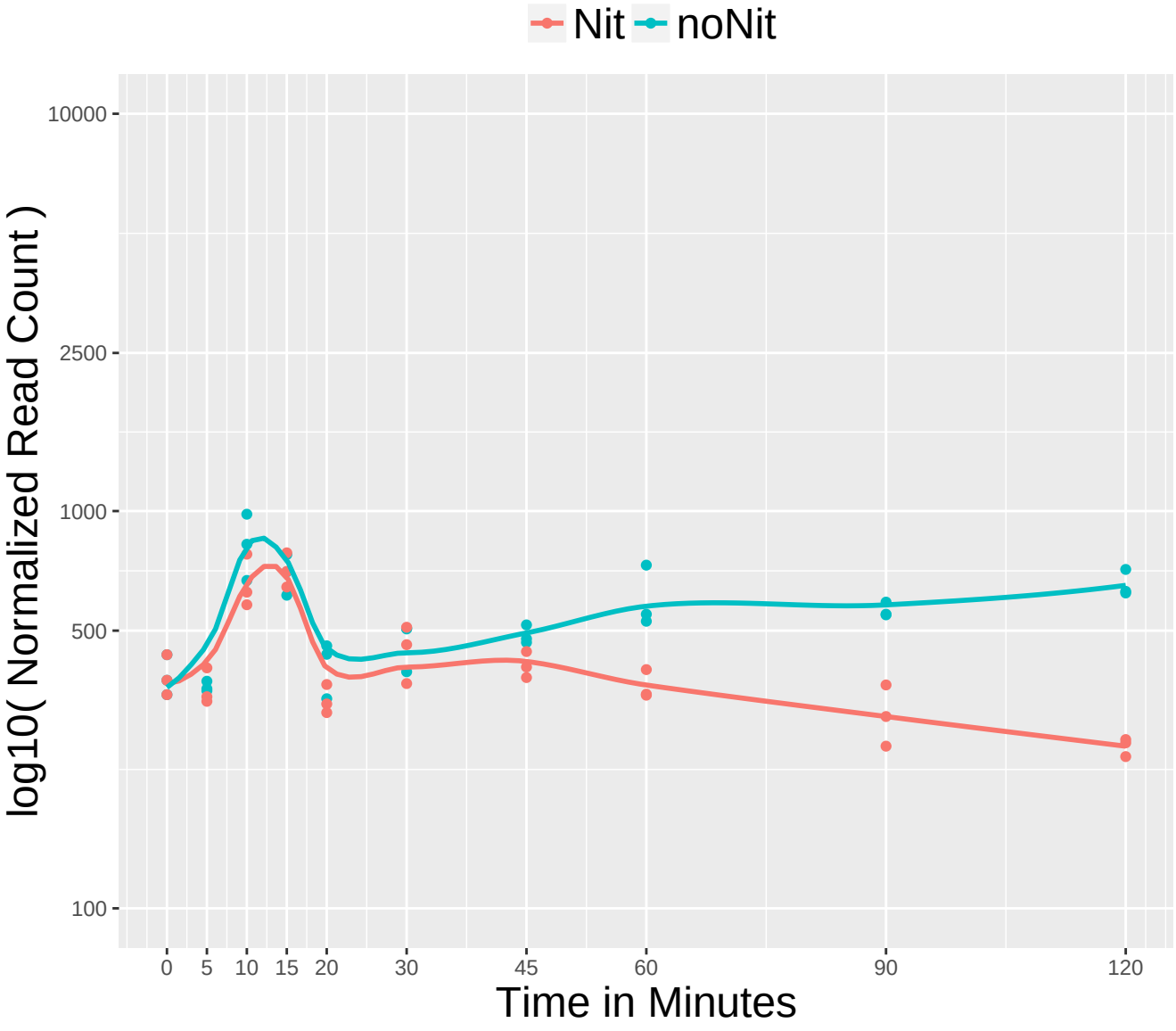
AT1G30570

HERK2,hercules



AT1G43620

TT15,TRANSPARENT



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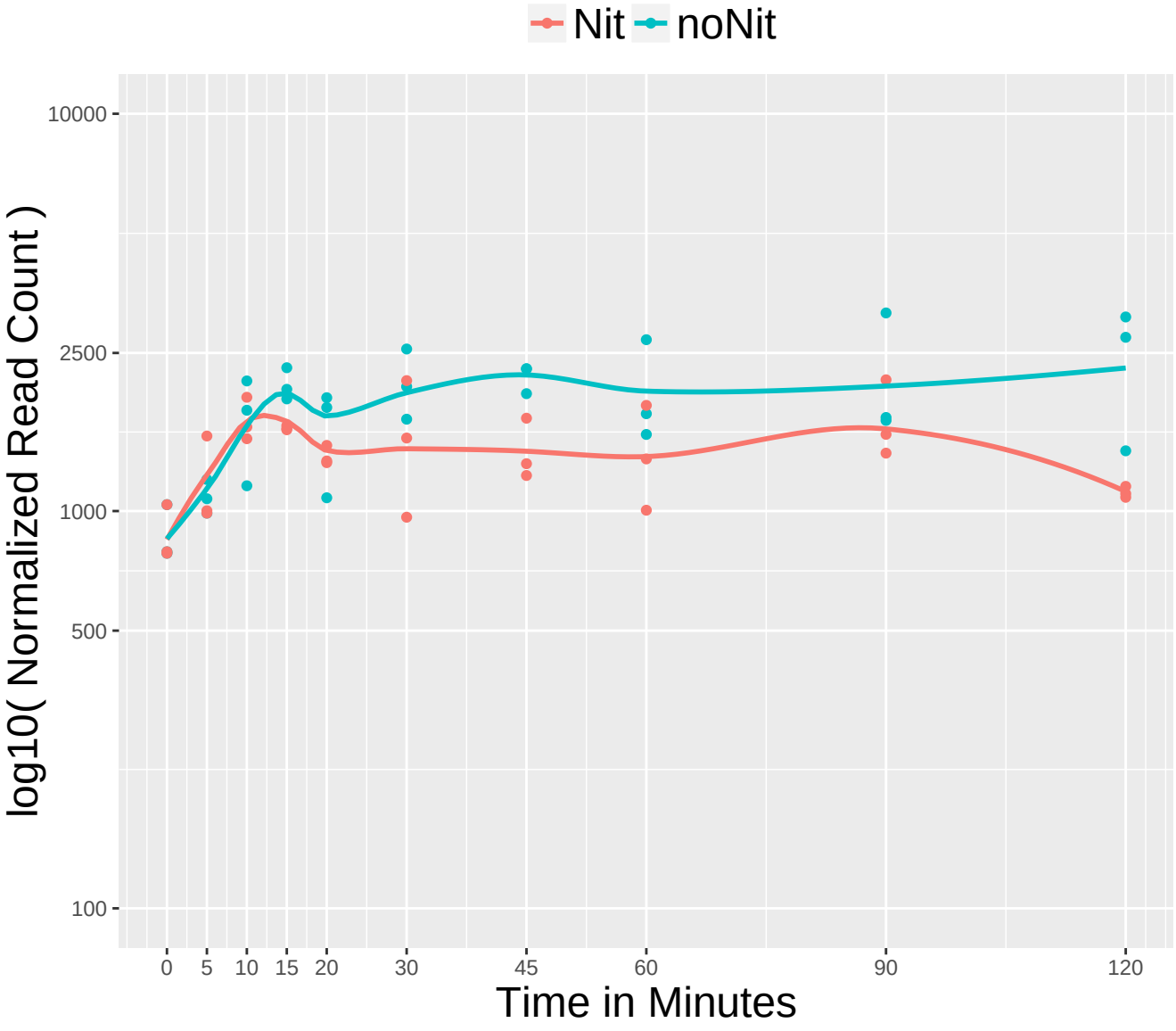
ATGH9A2,ARABIDOPSIS



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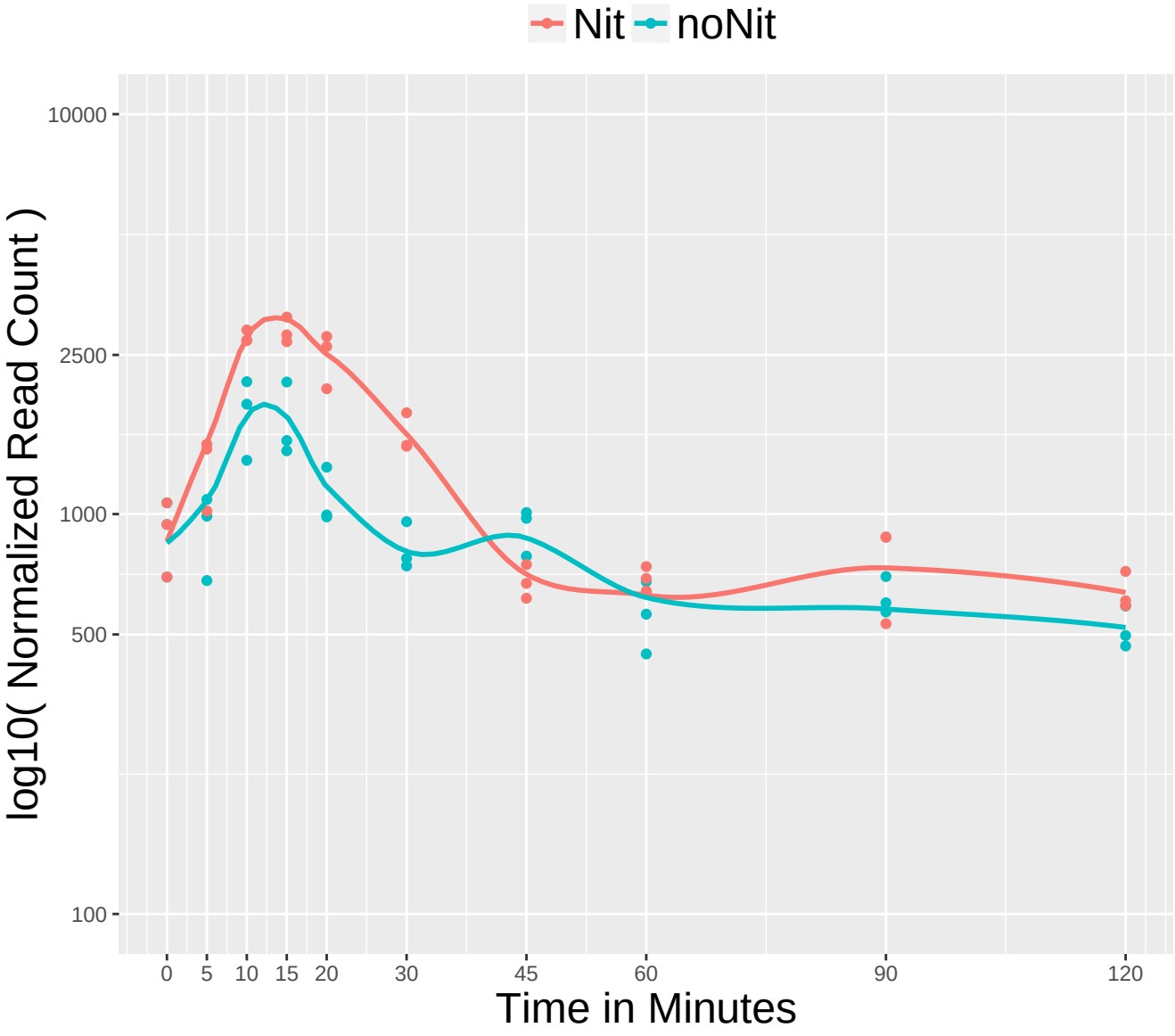

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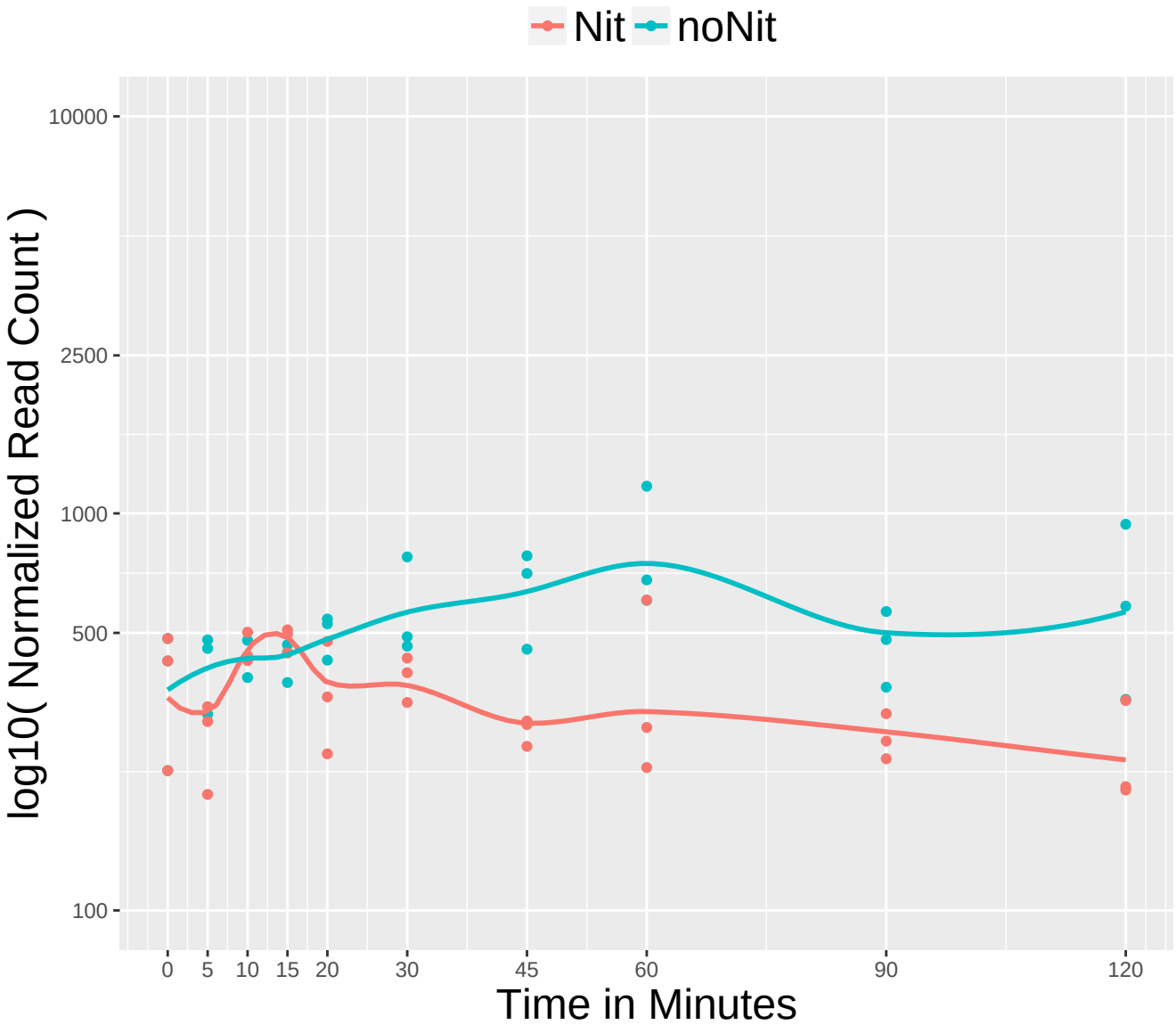
ATFRD3,,FRD3,FERRIC



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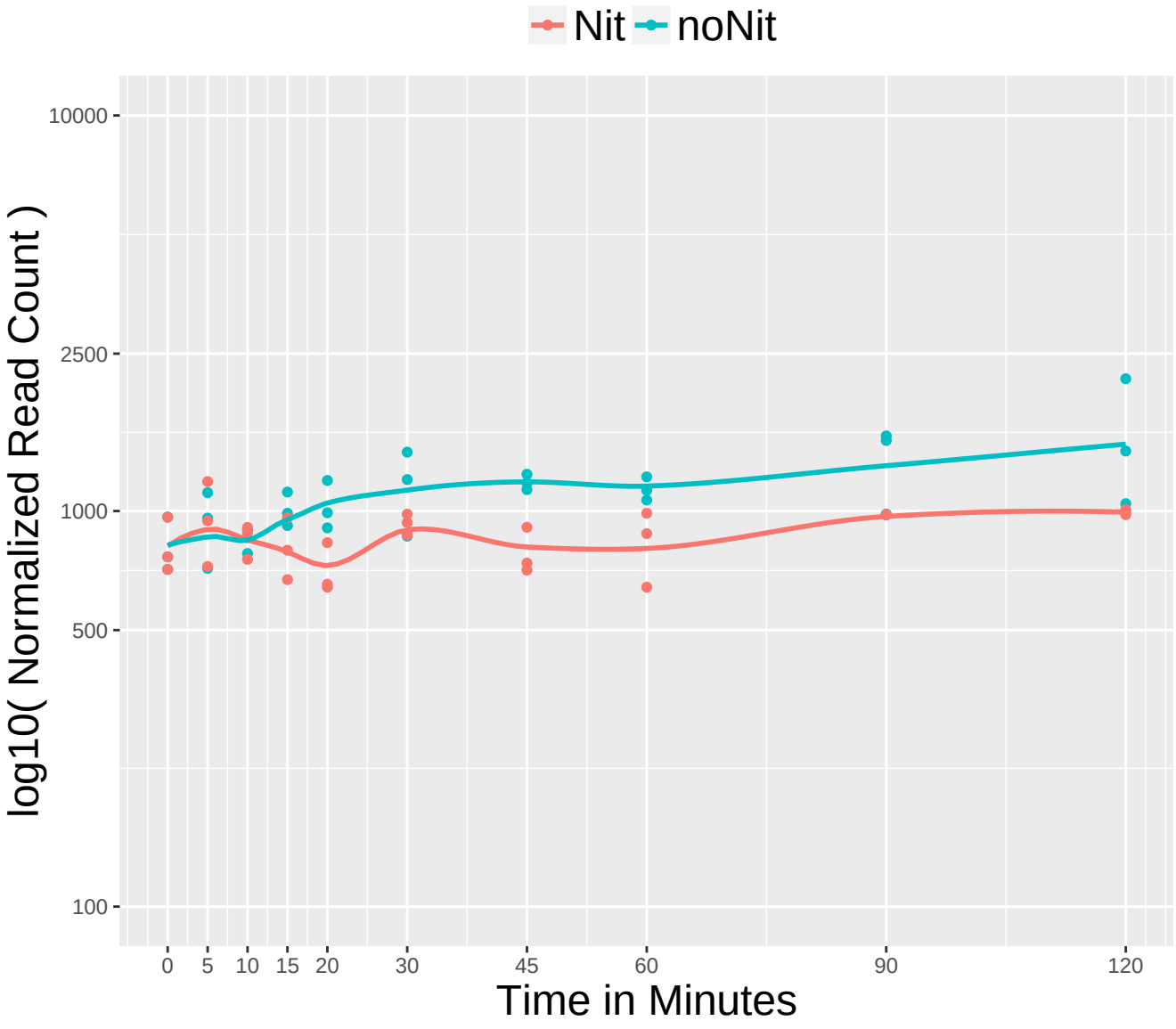
PUB24,plant



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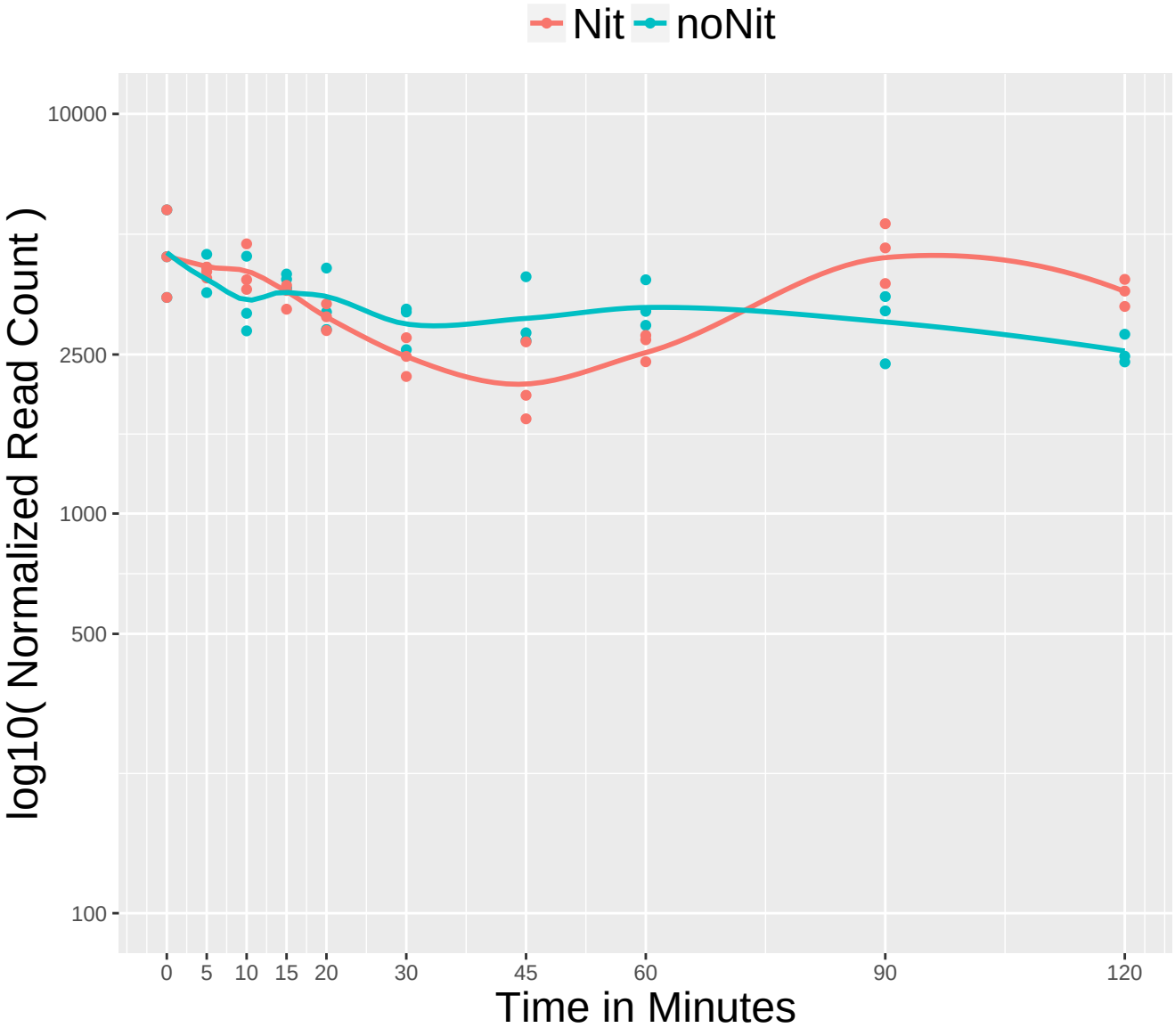
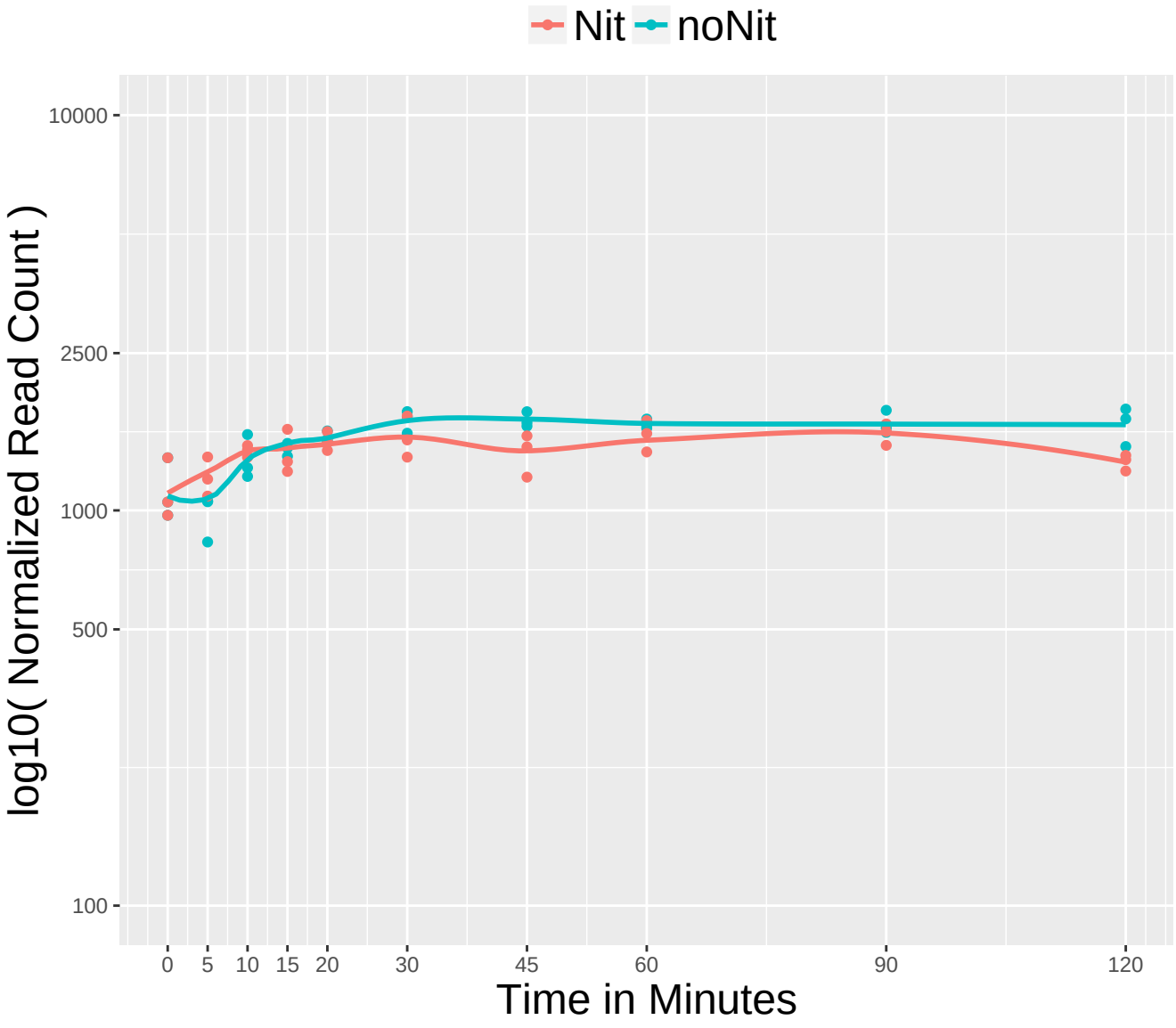
Protein



AT3G24200

FAD/NAD(P)−binding



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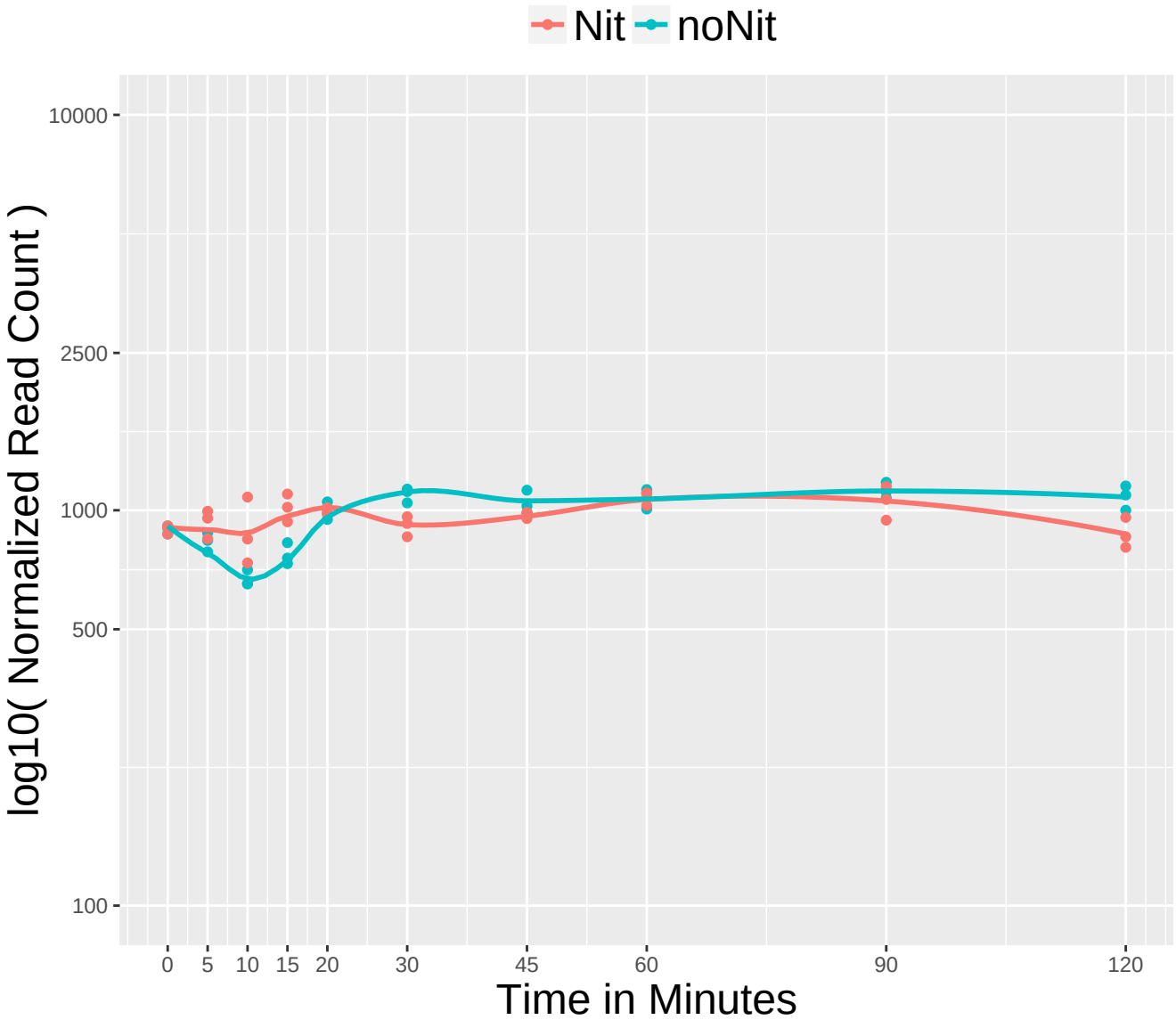
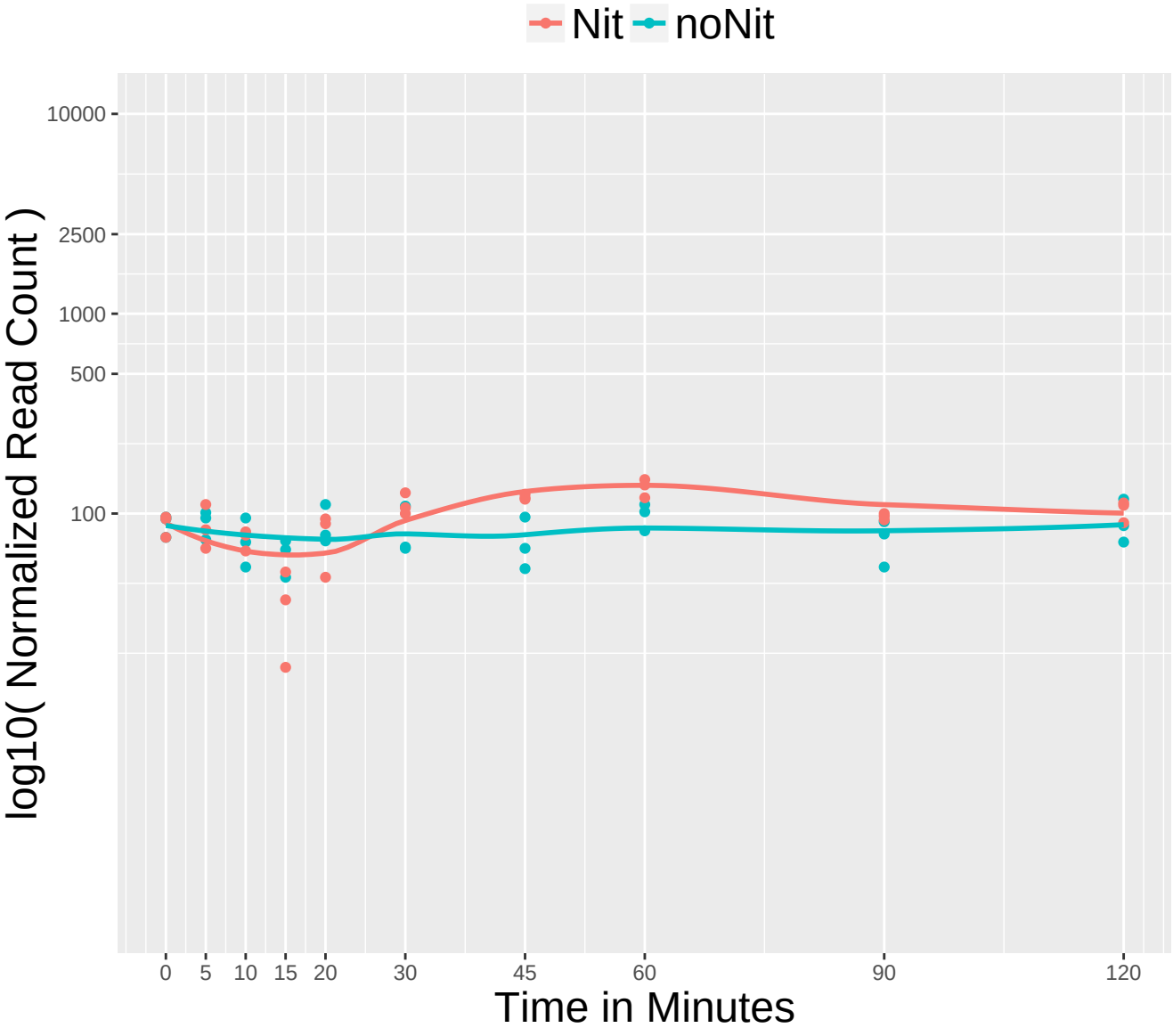
PRT1,proteolysis



AT3G51870

Mitochondrial



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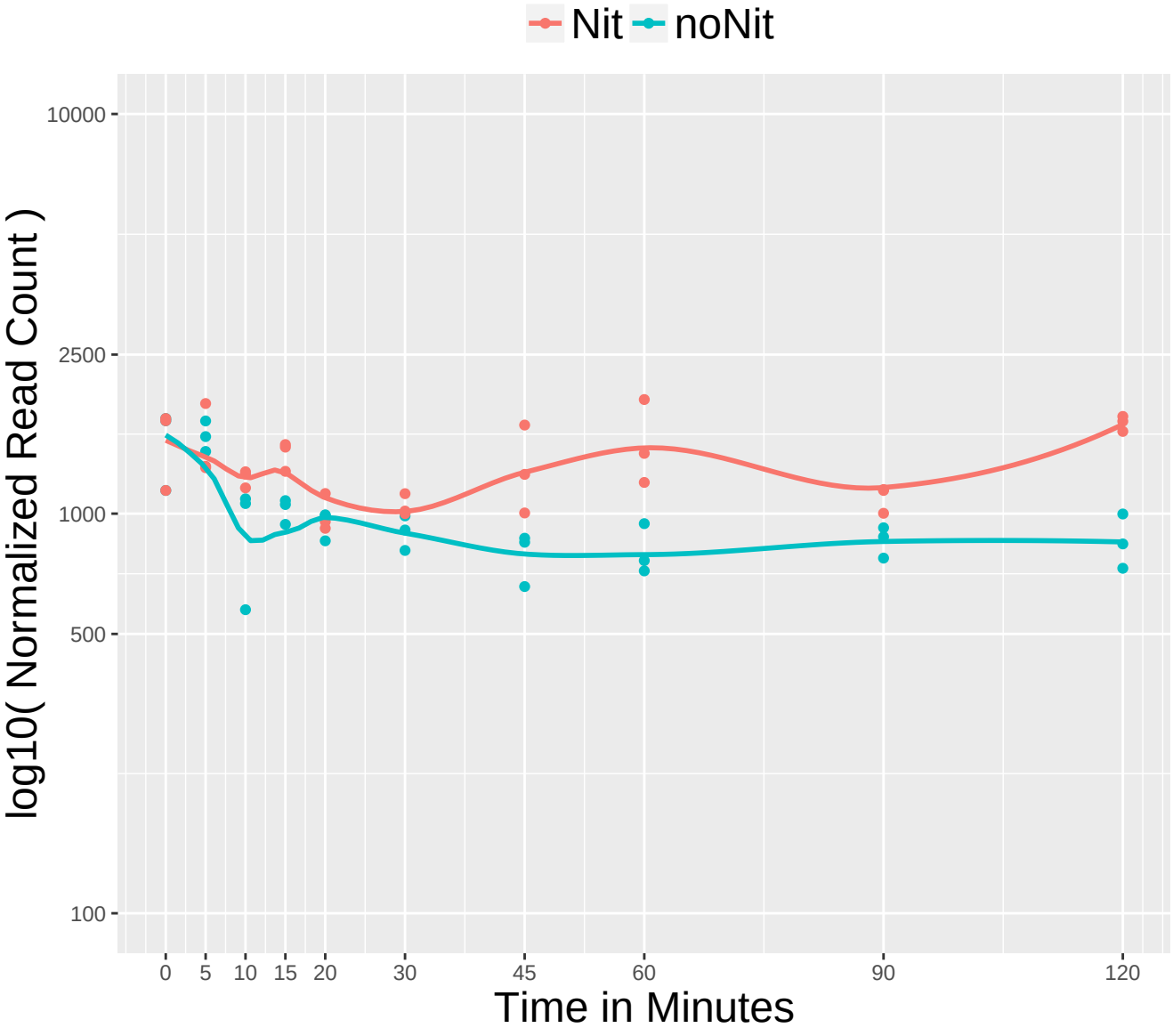
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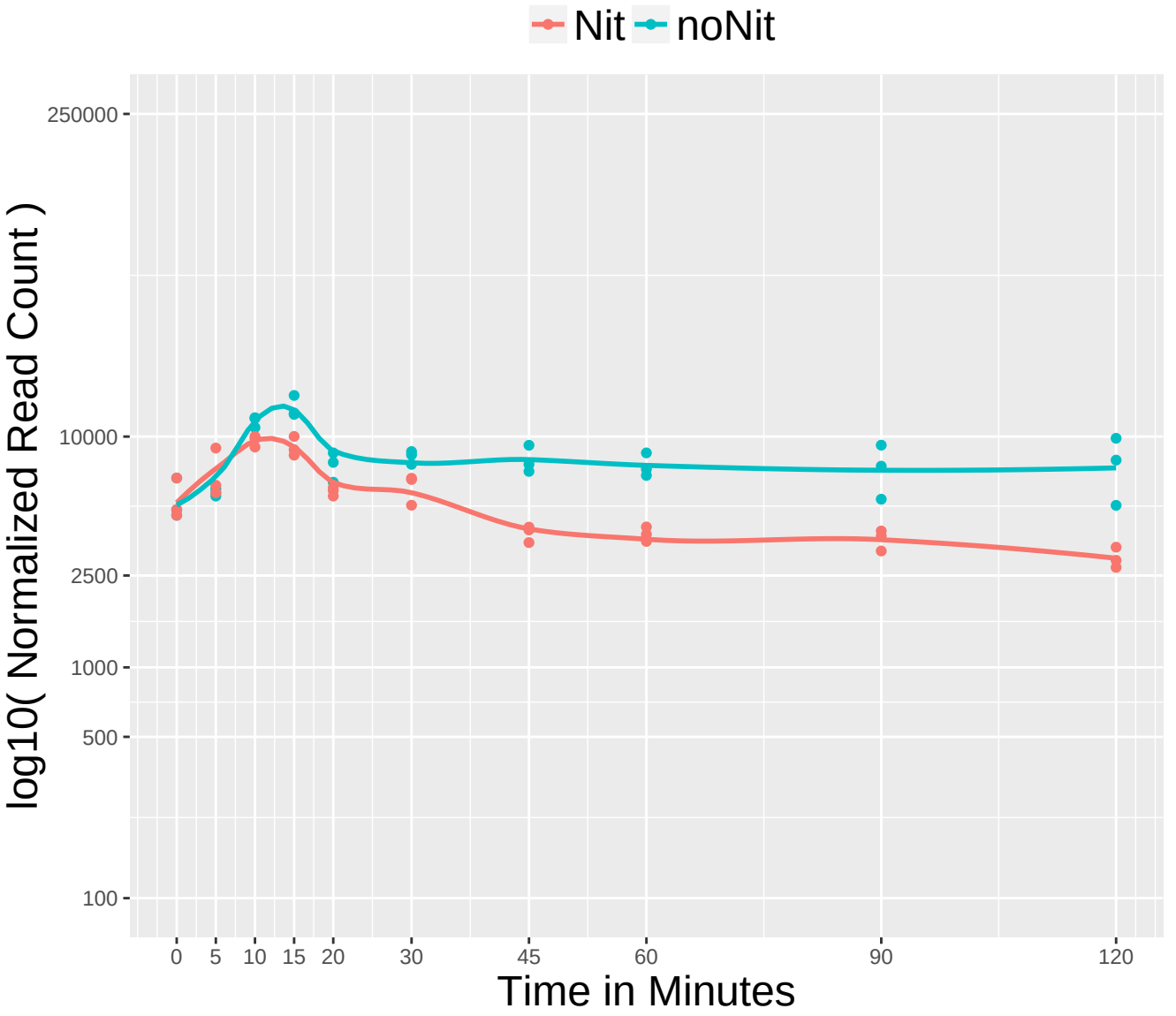
ATSYP122,,SYP122,syntaxin



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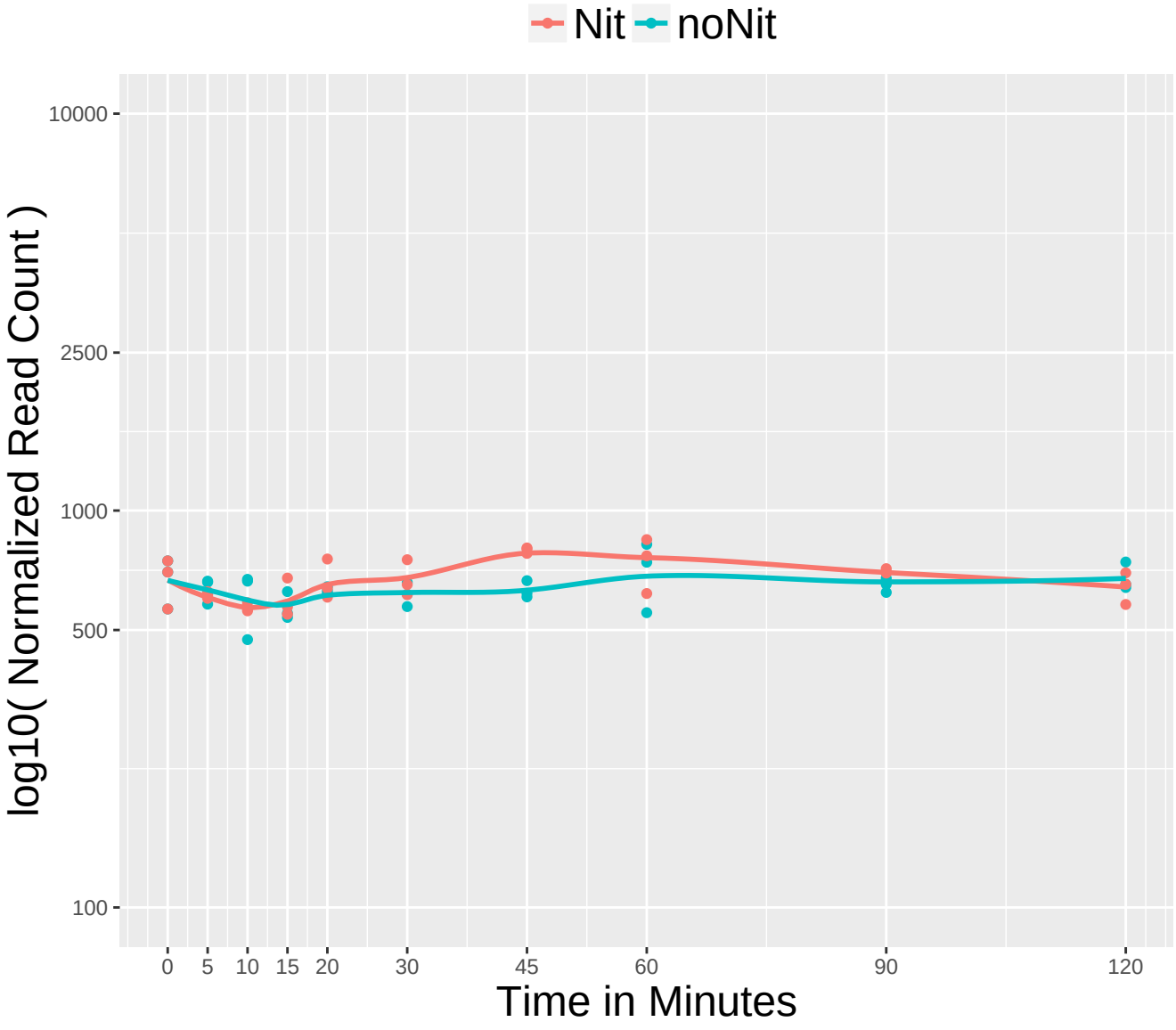

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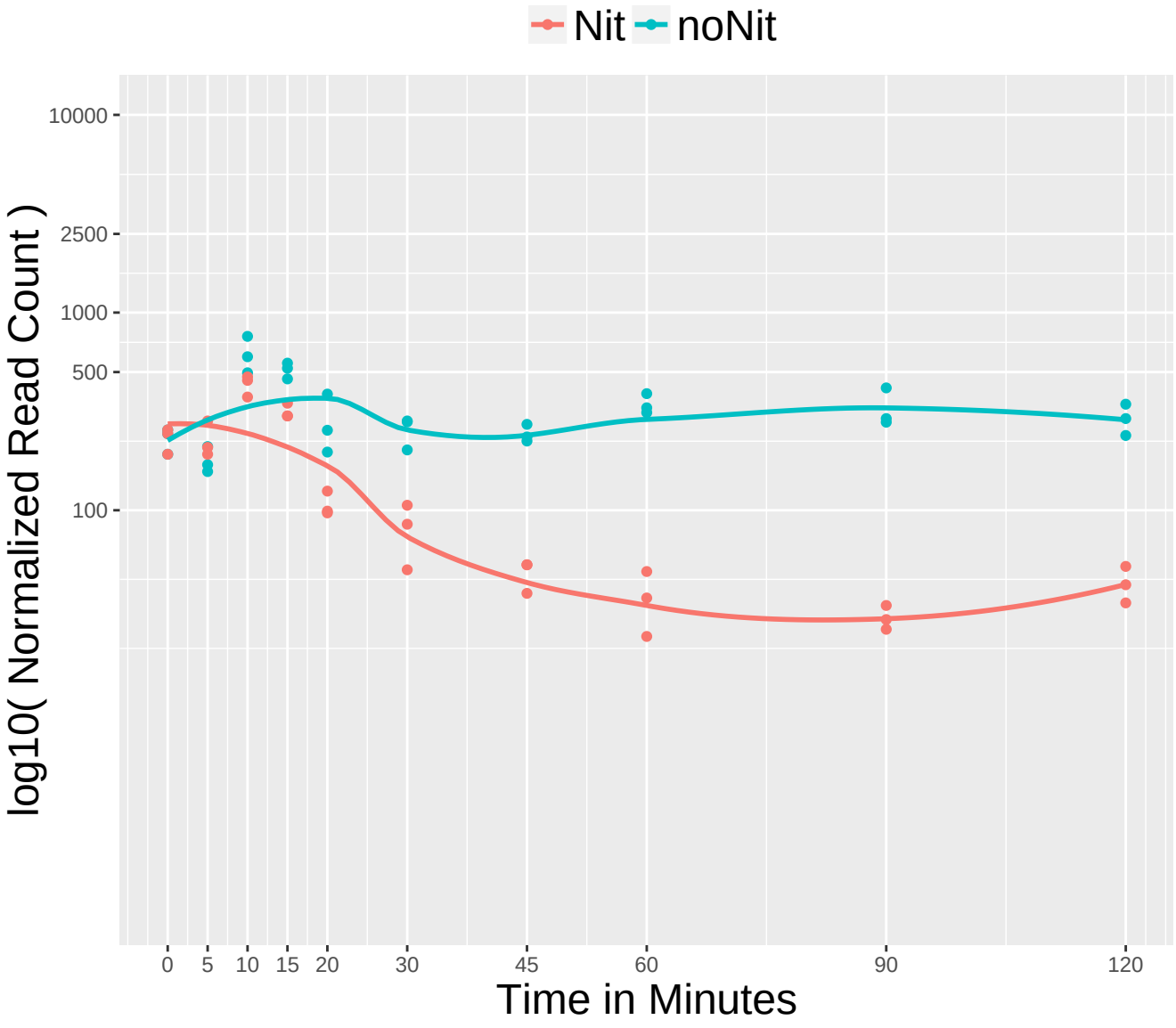

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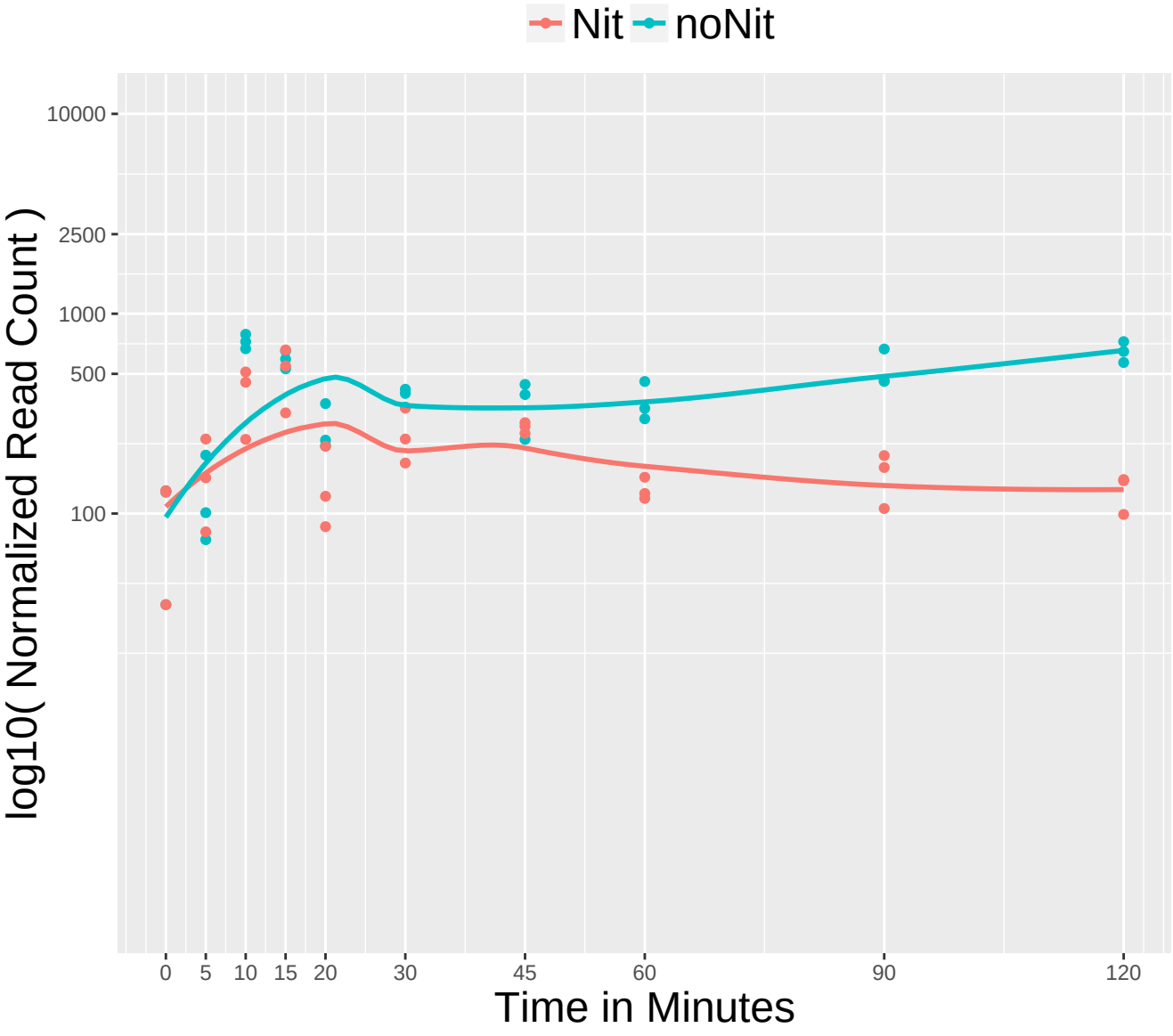
Plant



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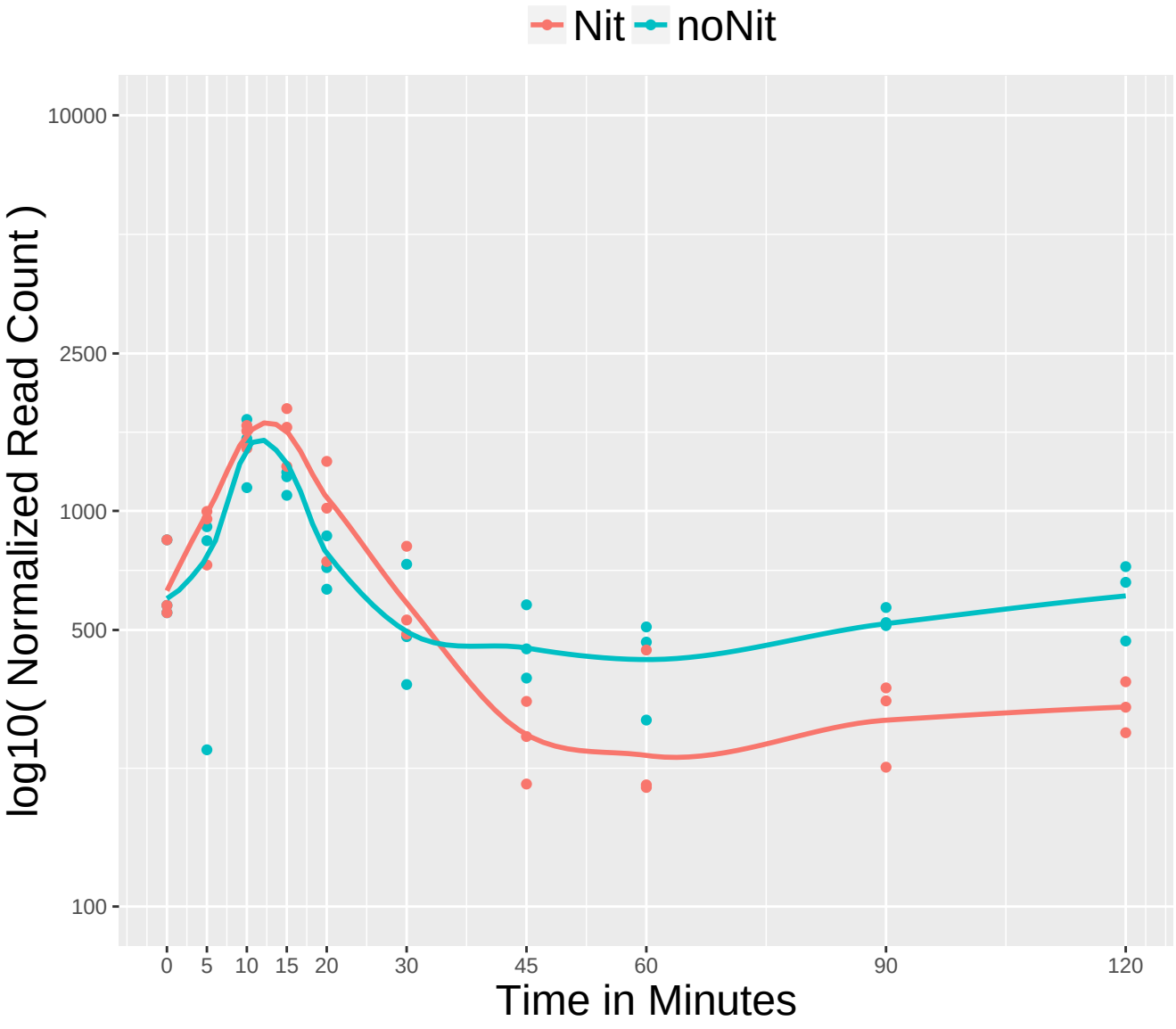
XTH23,xyloglucan



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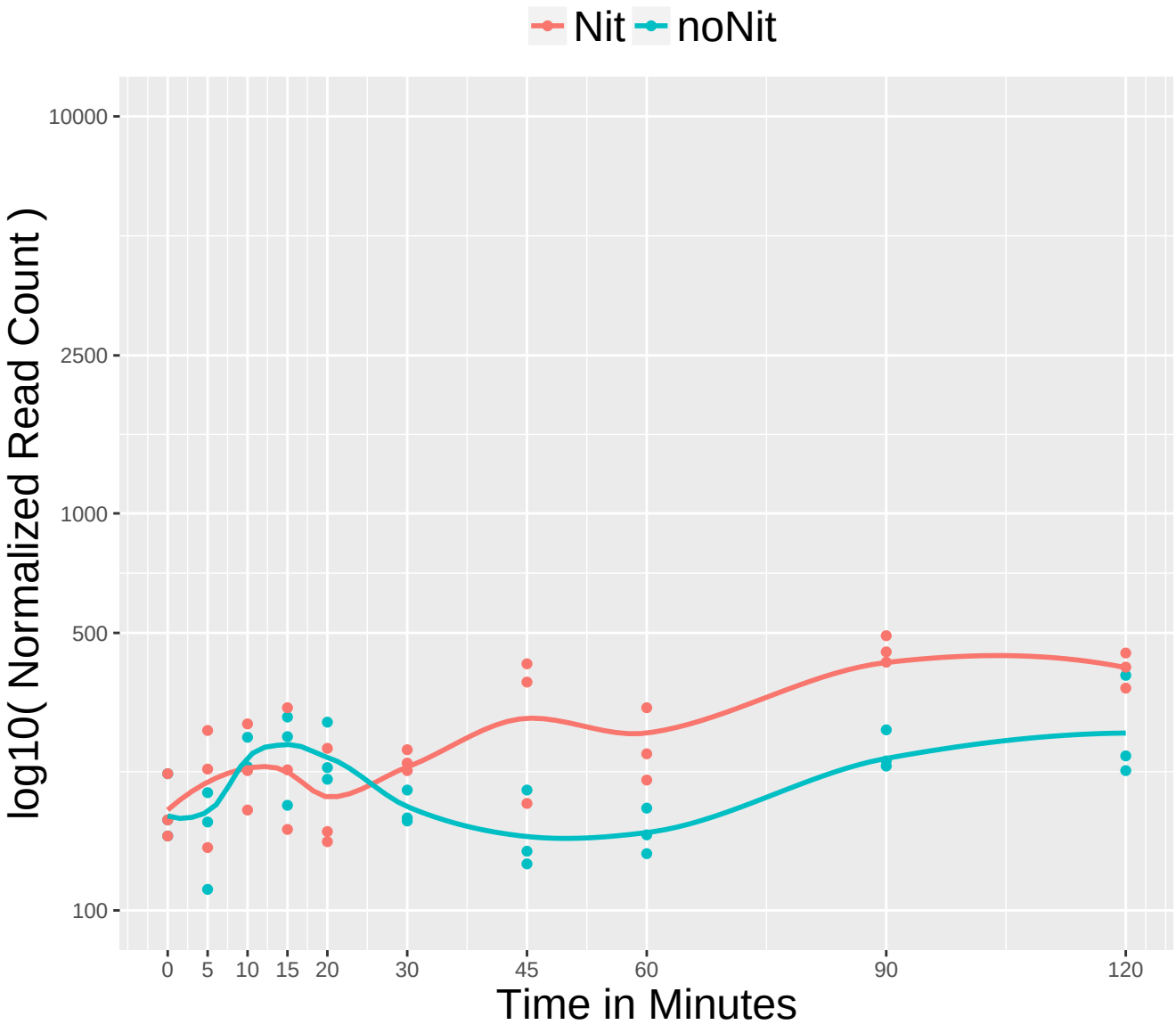
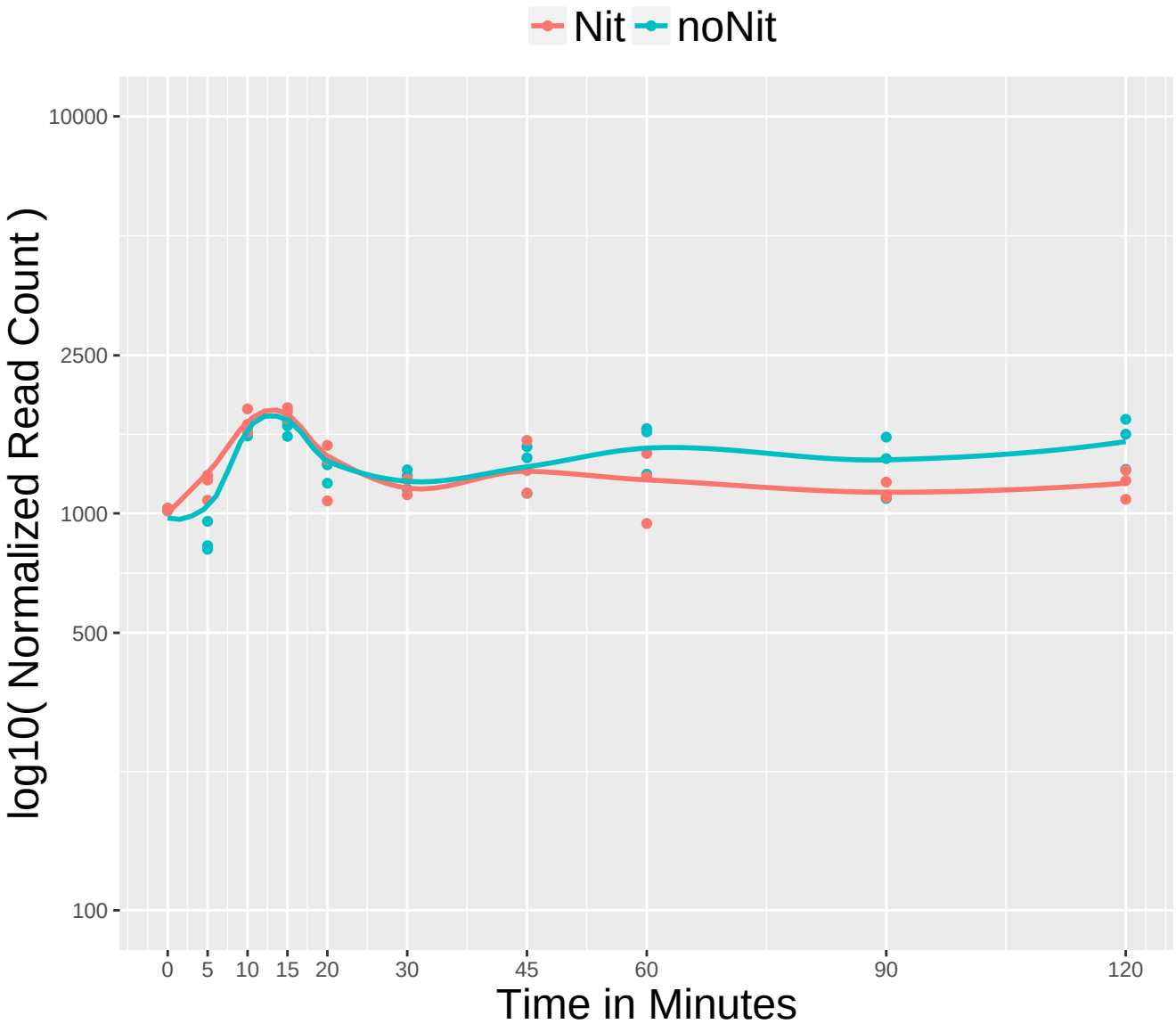
LHT7,LYS/HIS



AT5G10020

SIRK1,sucrose−induced



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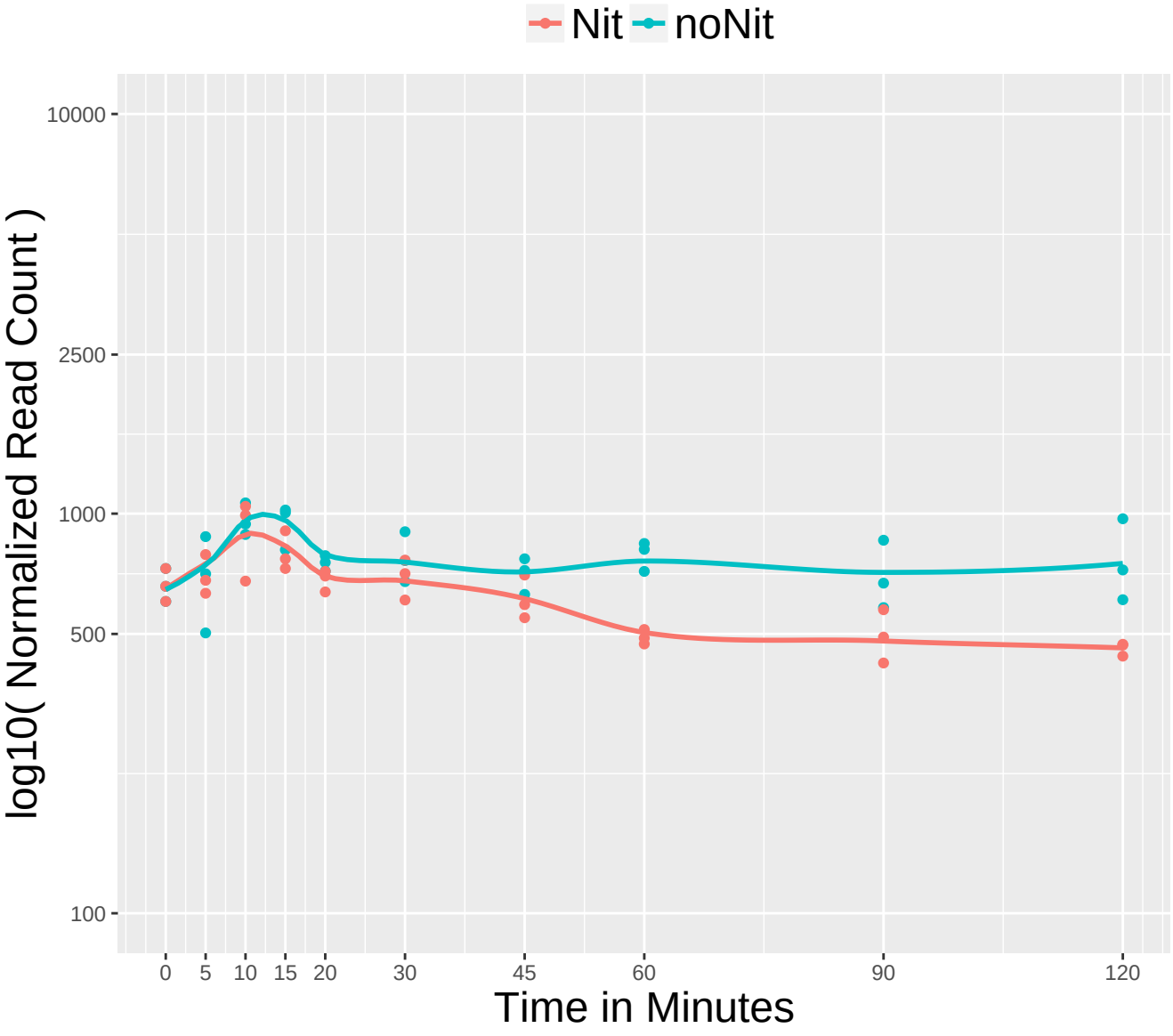
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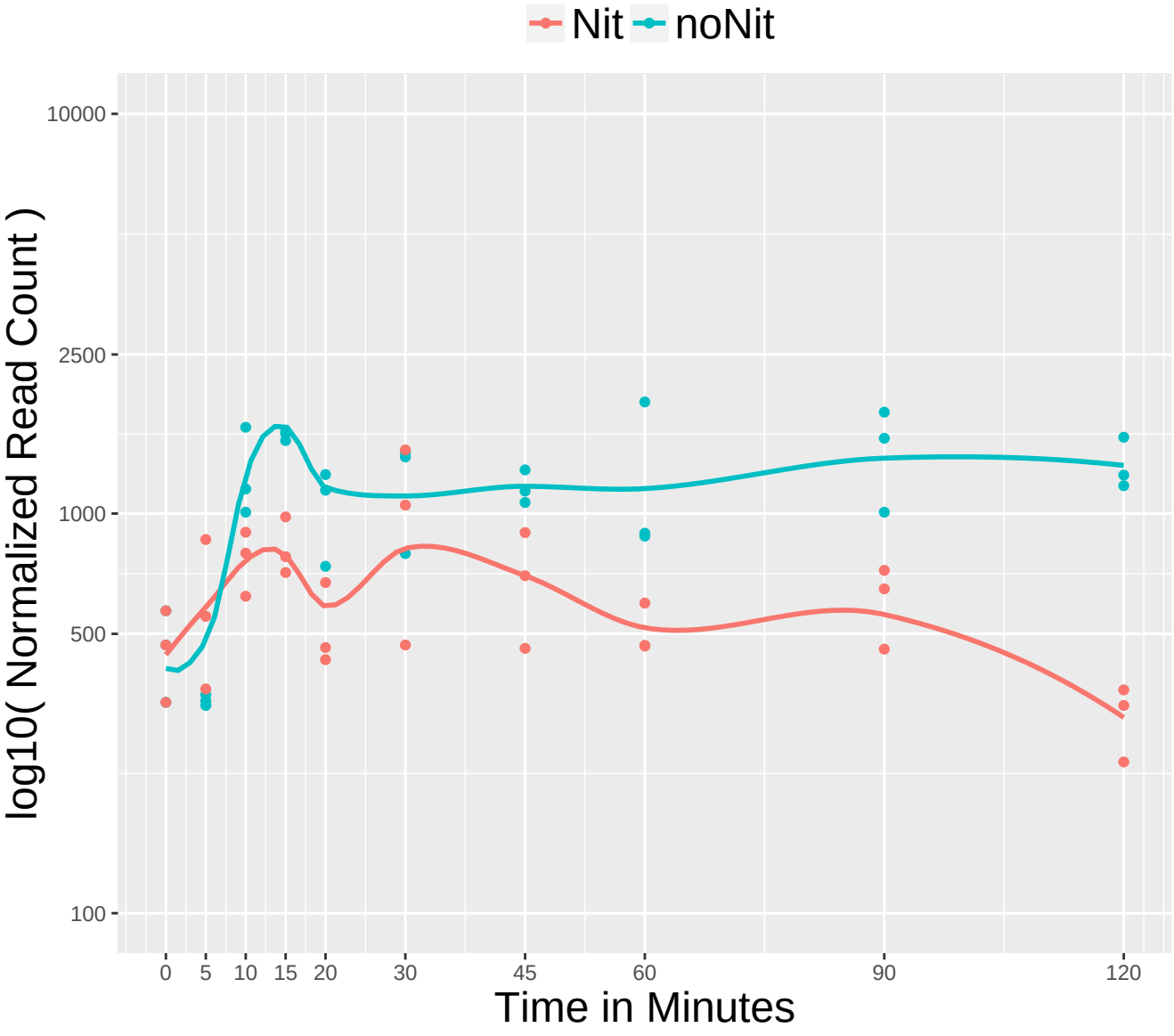
Peroxidase



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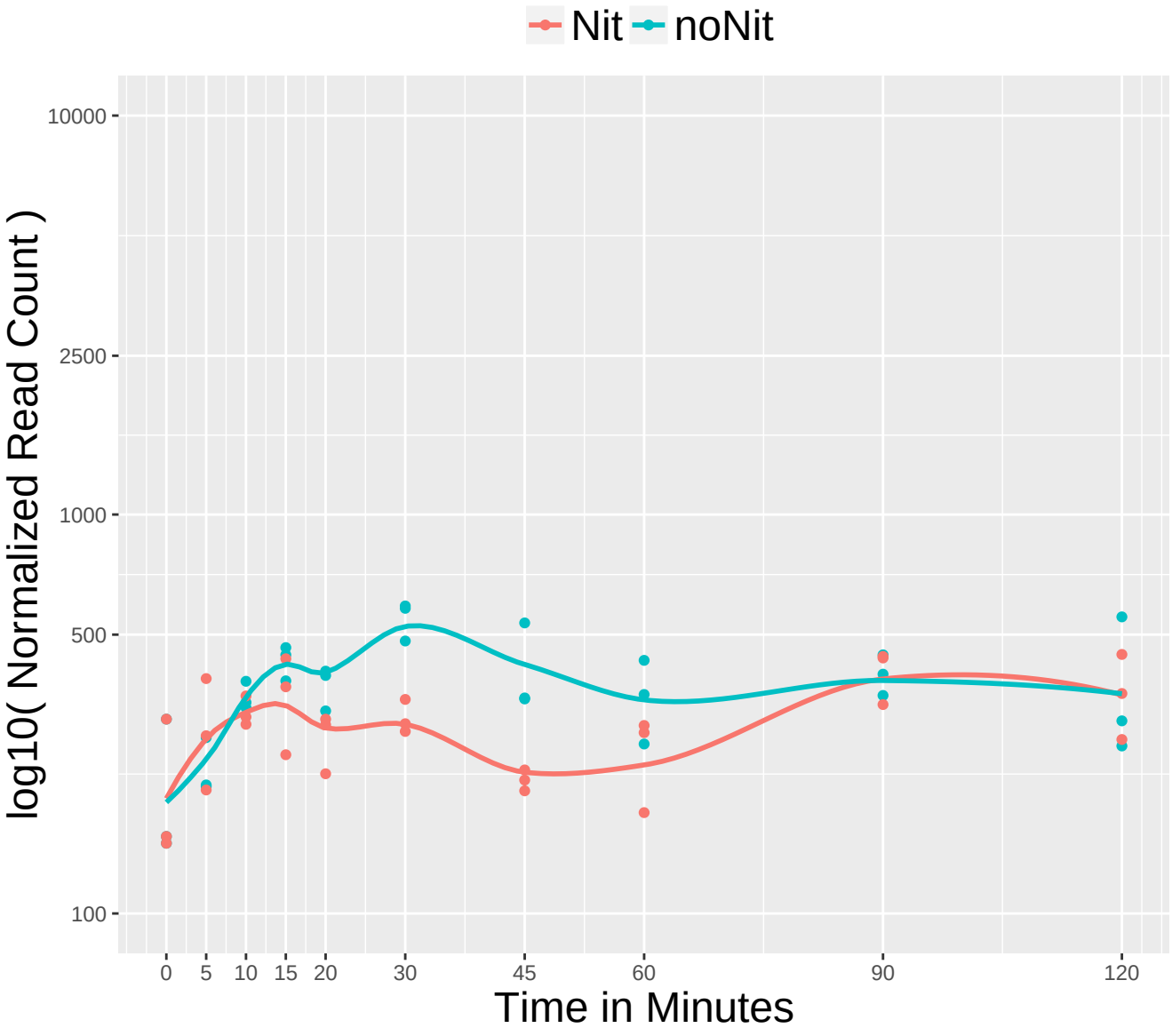
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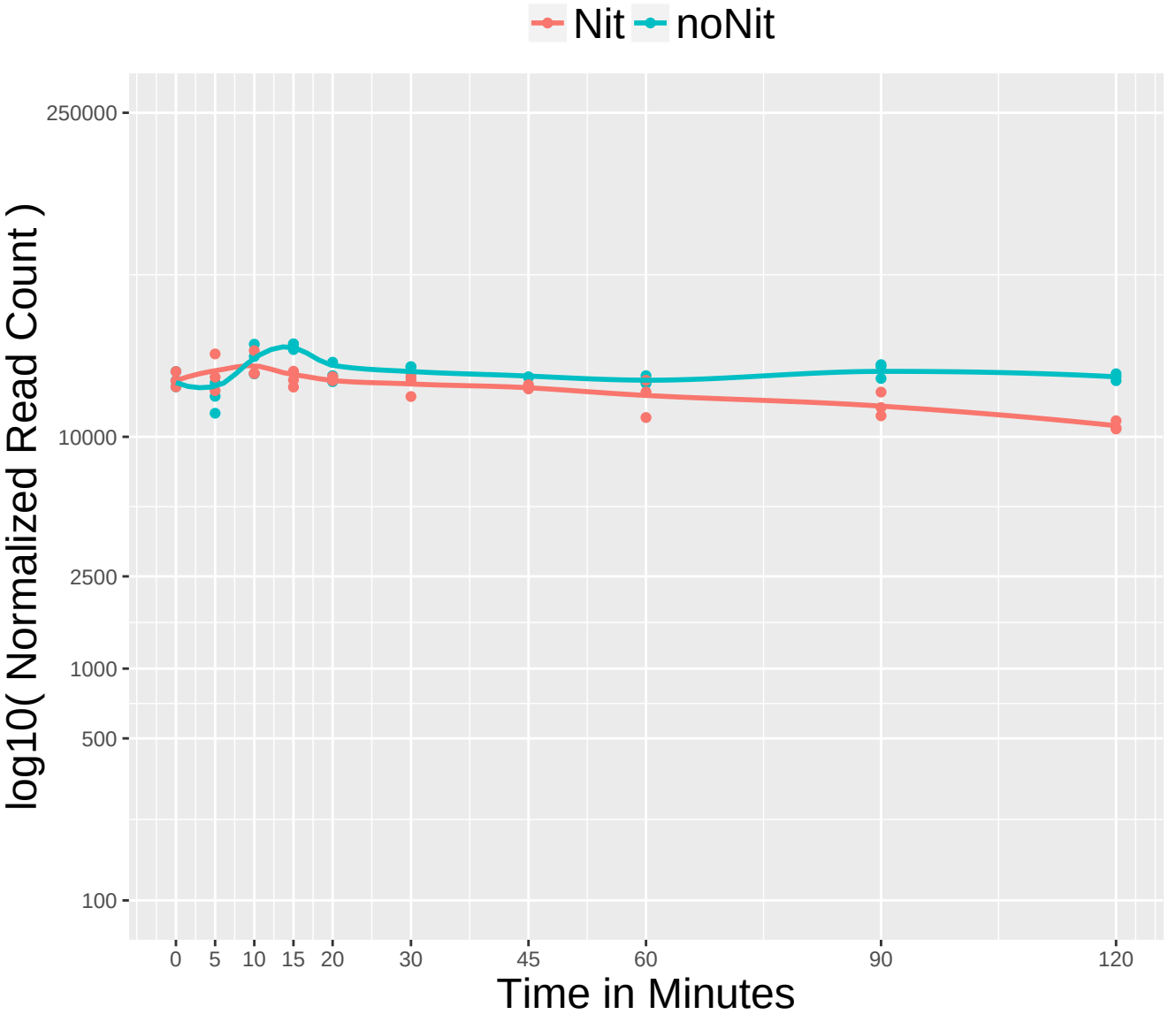
AT1G05850

ATCTL1,,CTL1,CHITINASE−LIKE



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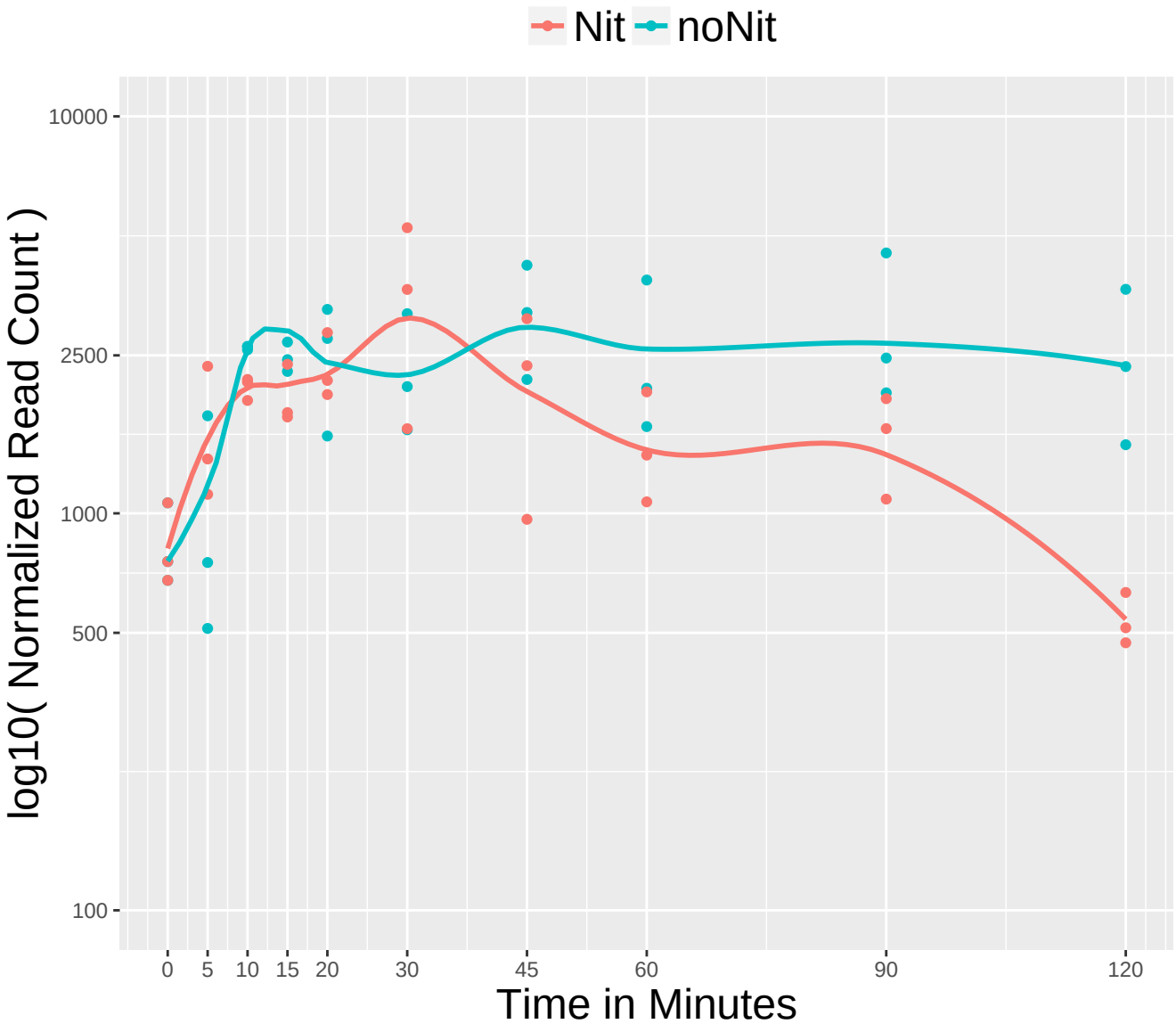
ATNRT2.5,nitrate



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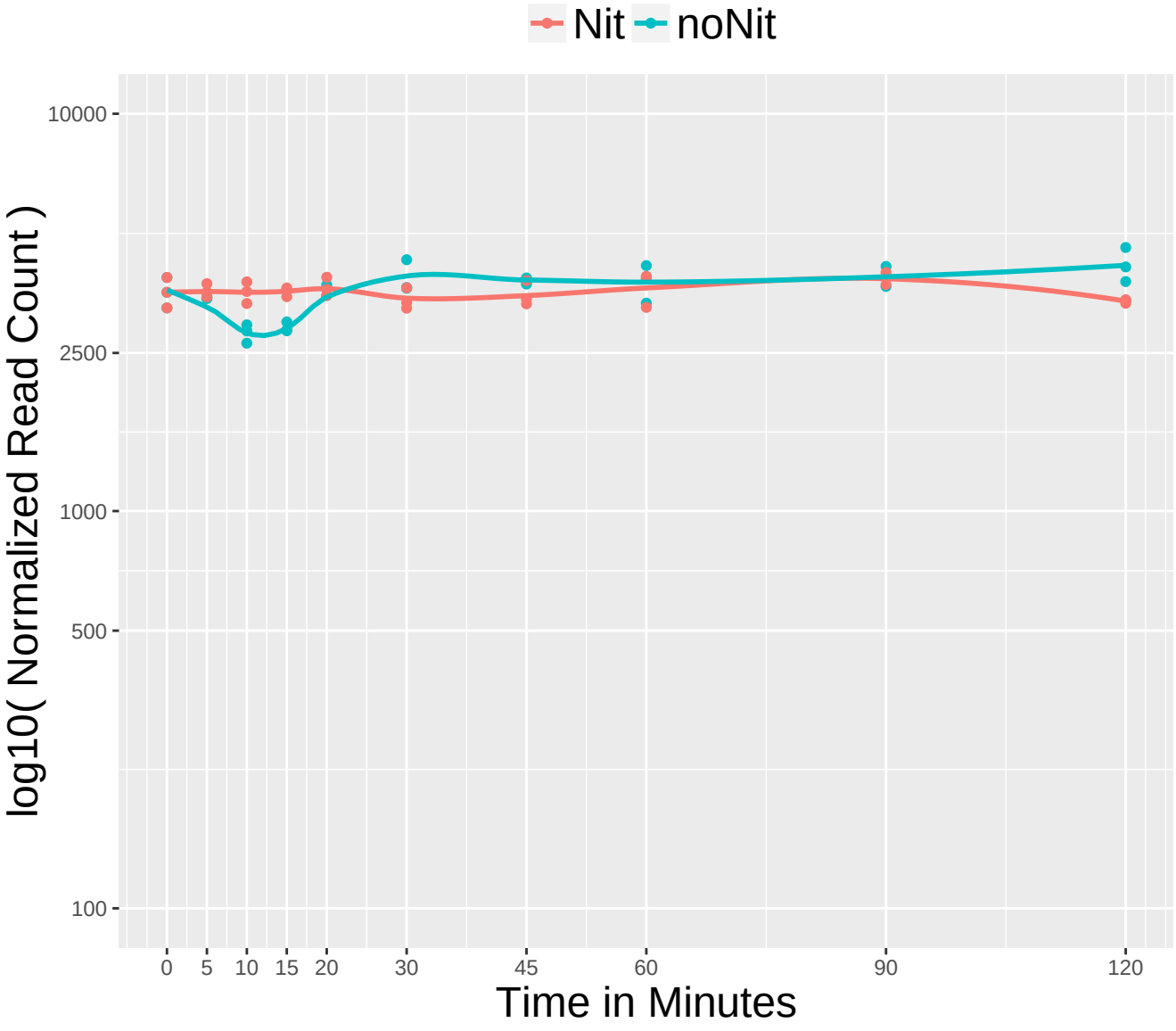
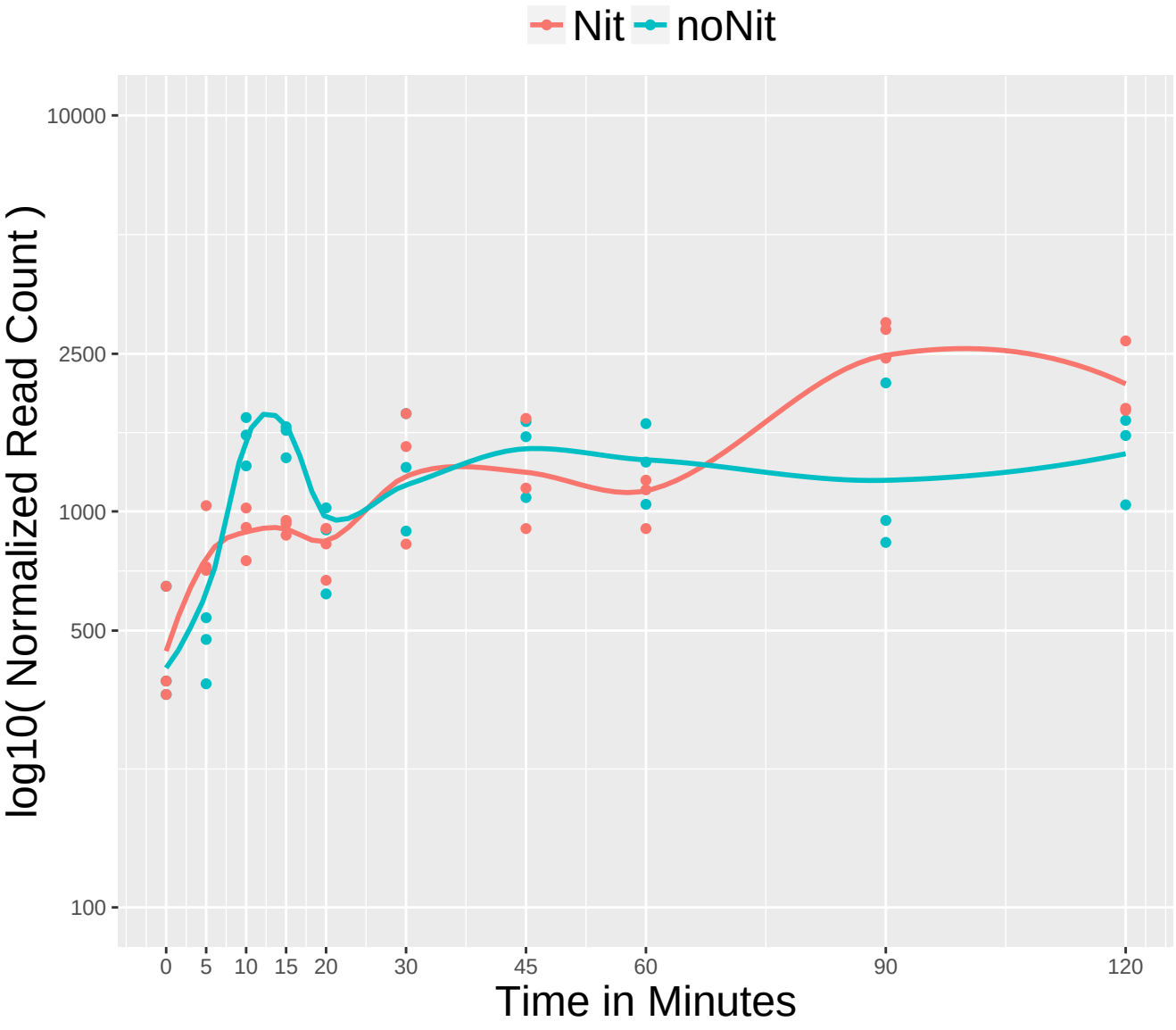
ATCUL3,cullin



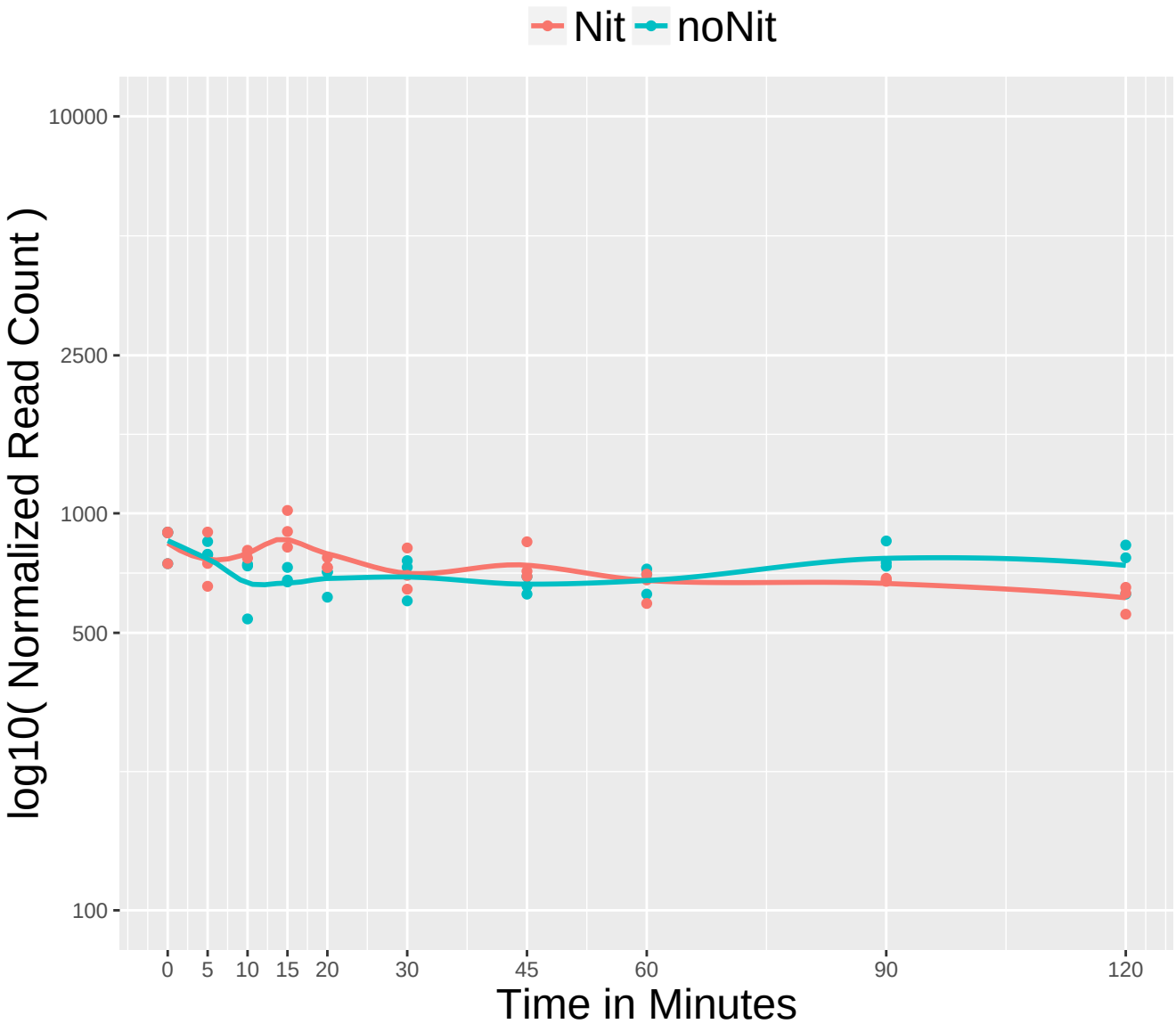
AT1G30730

FAD−binding



AT1G76260

DWA2,DWD



AT1G79150

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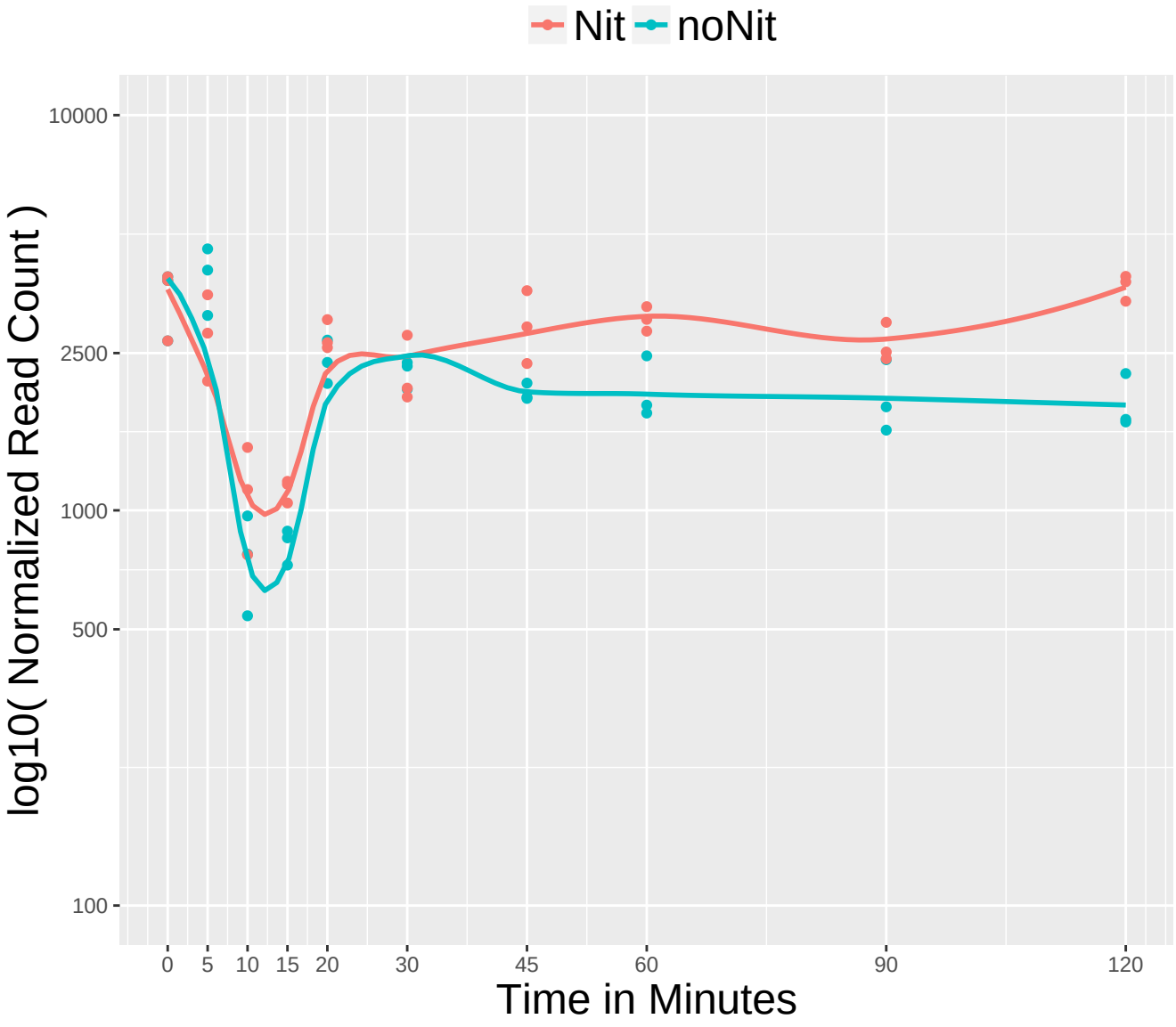
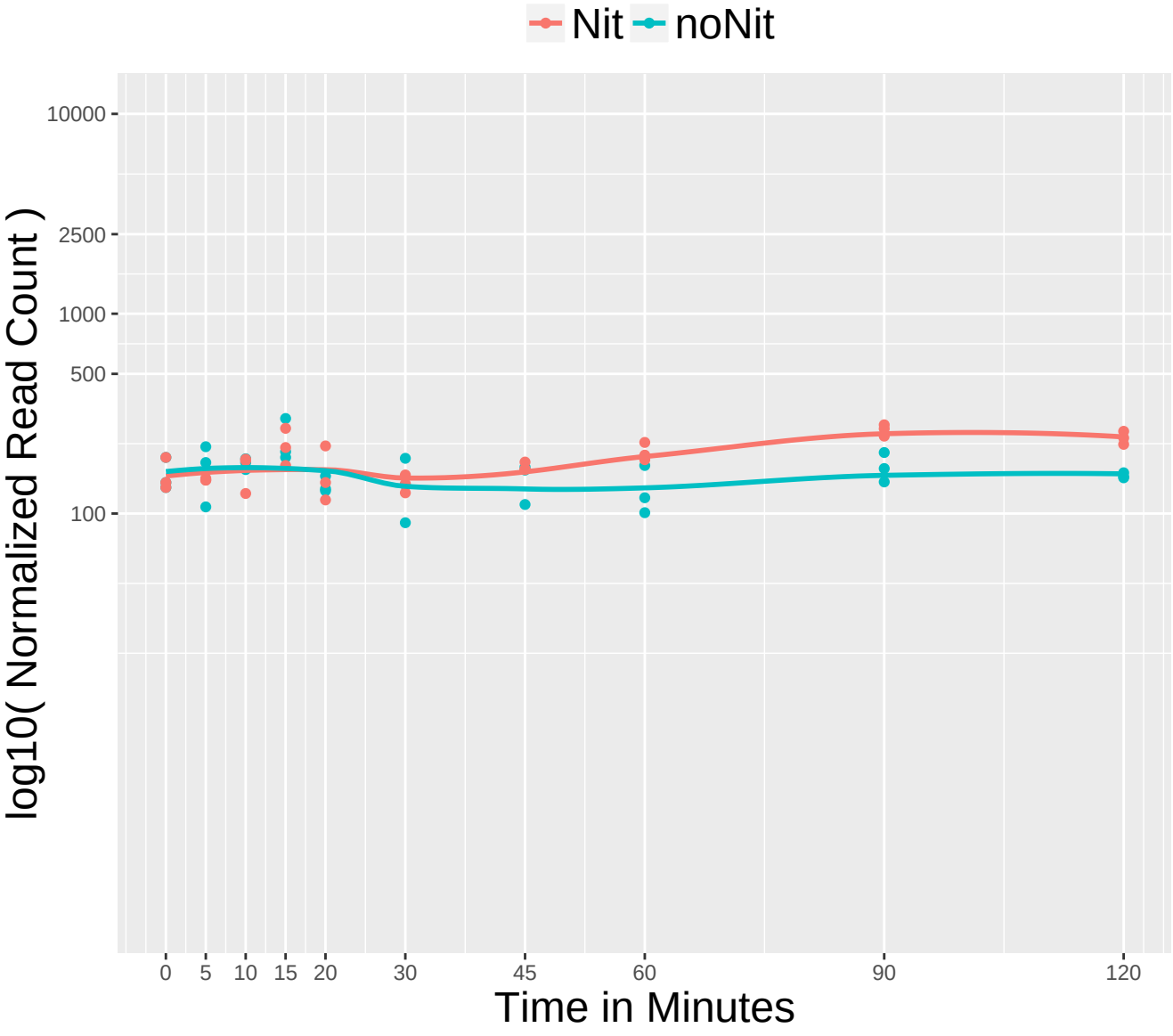


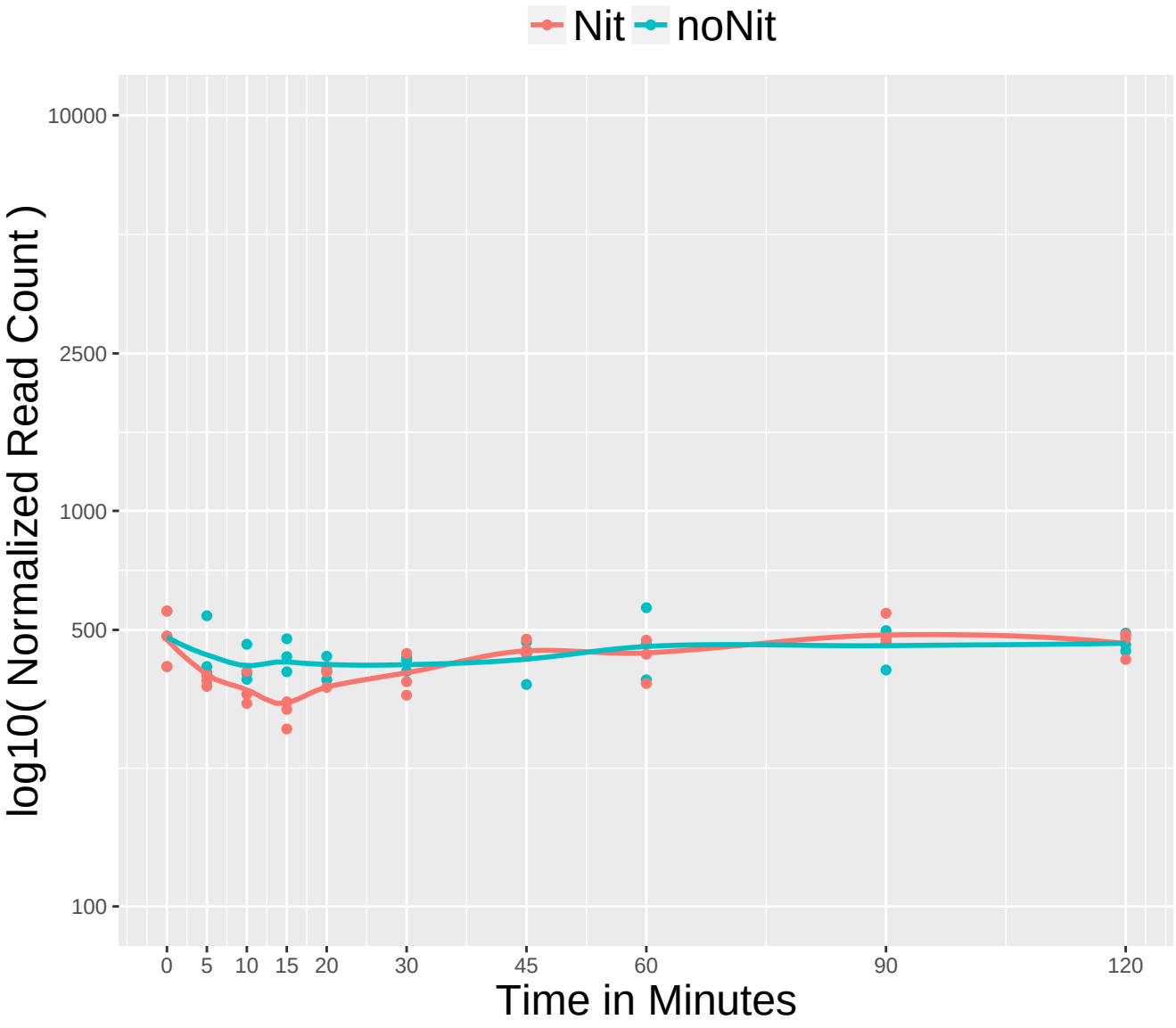
AT2G24140

Protein



AT2G31650

ATX1,homologue



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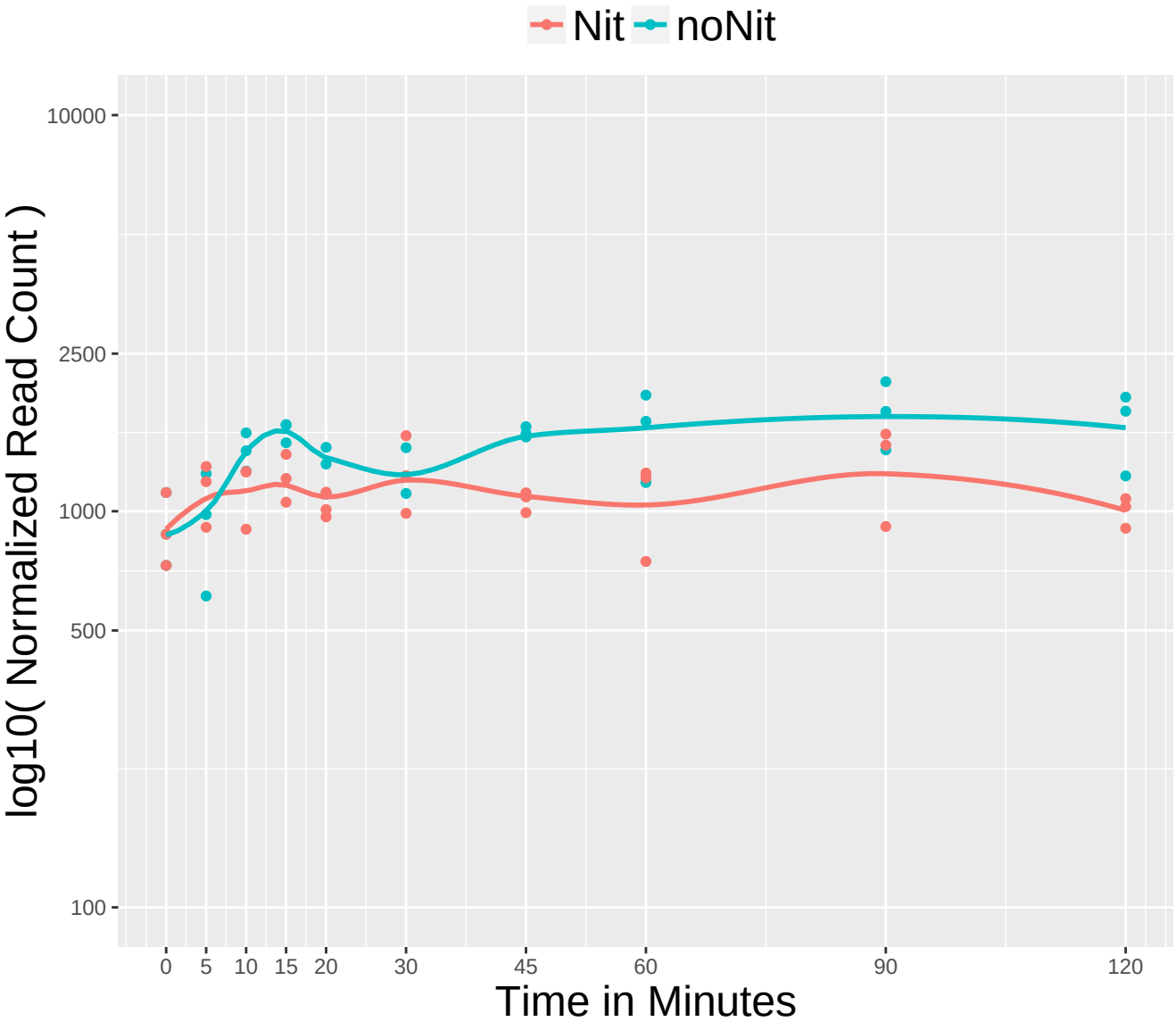
Cysteine/Histidine−rich



AT2G46520

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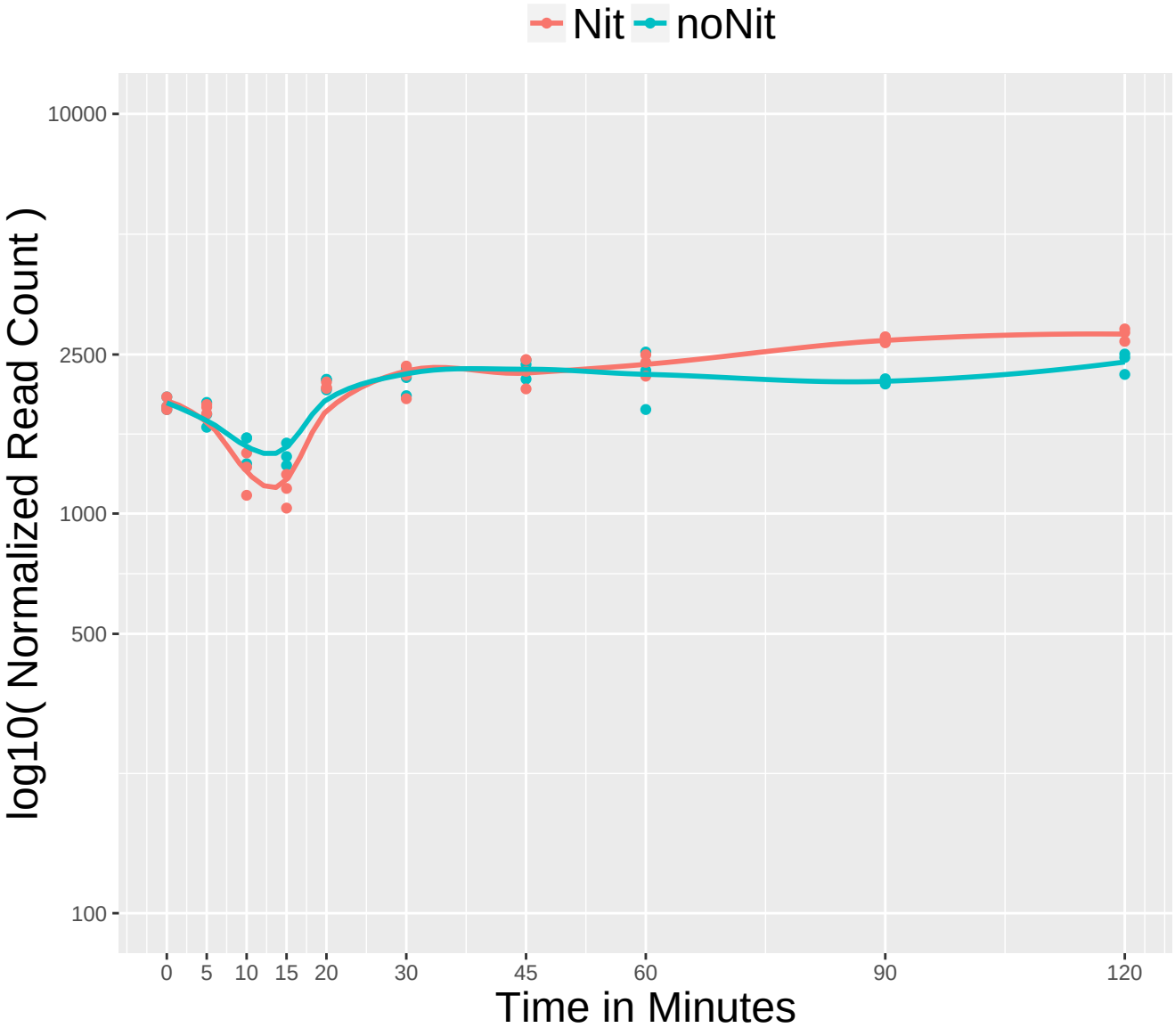
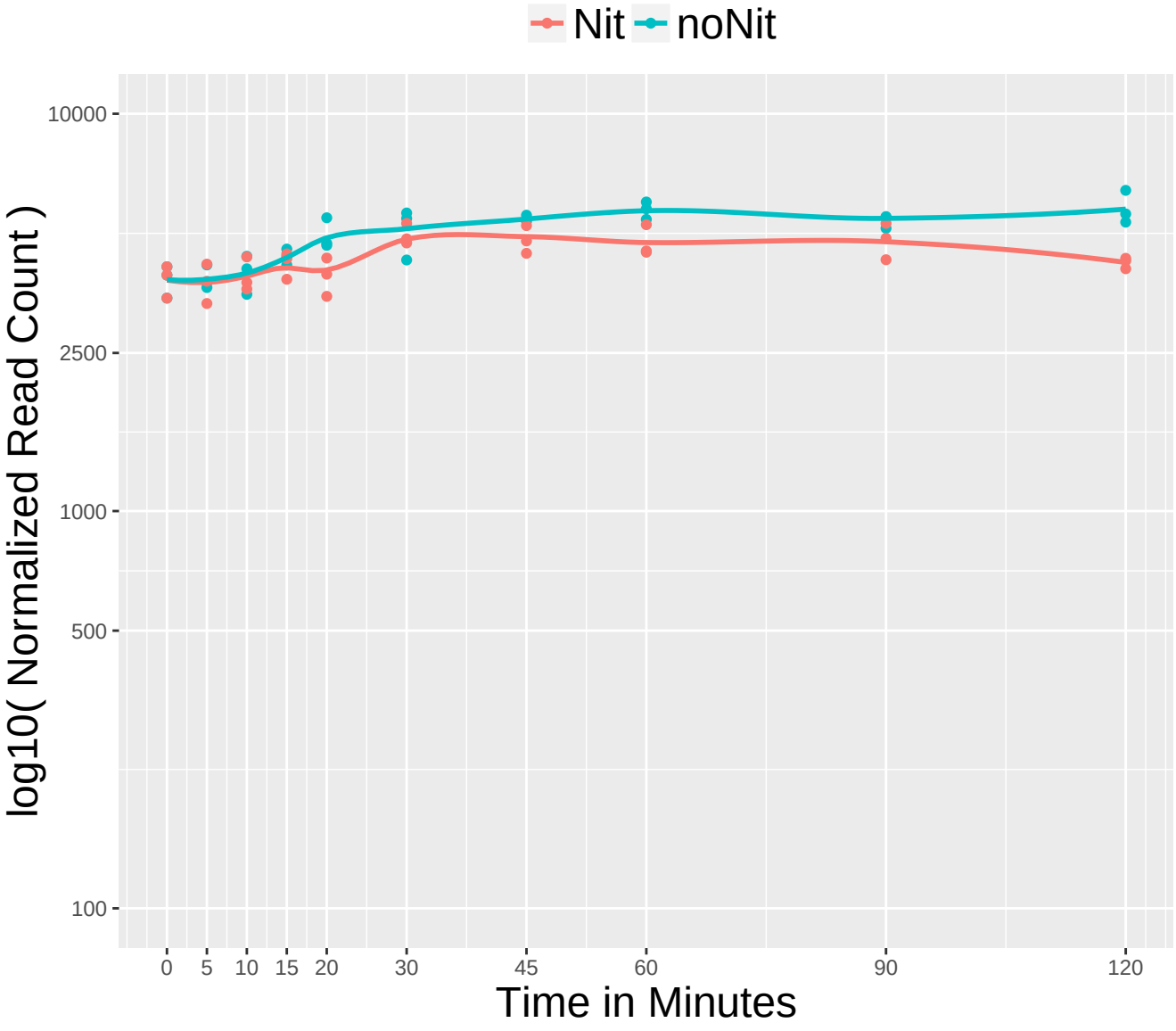


AT3G06350

EMB3004,EMBRYO



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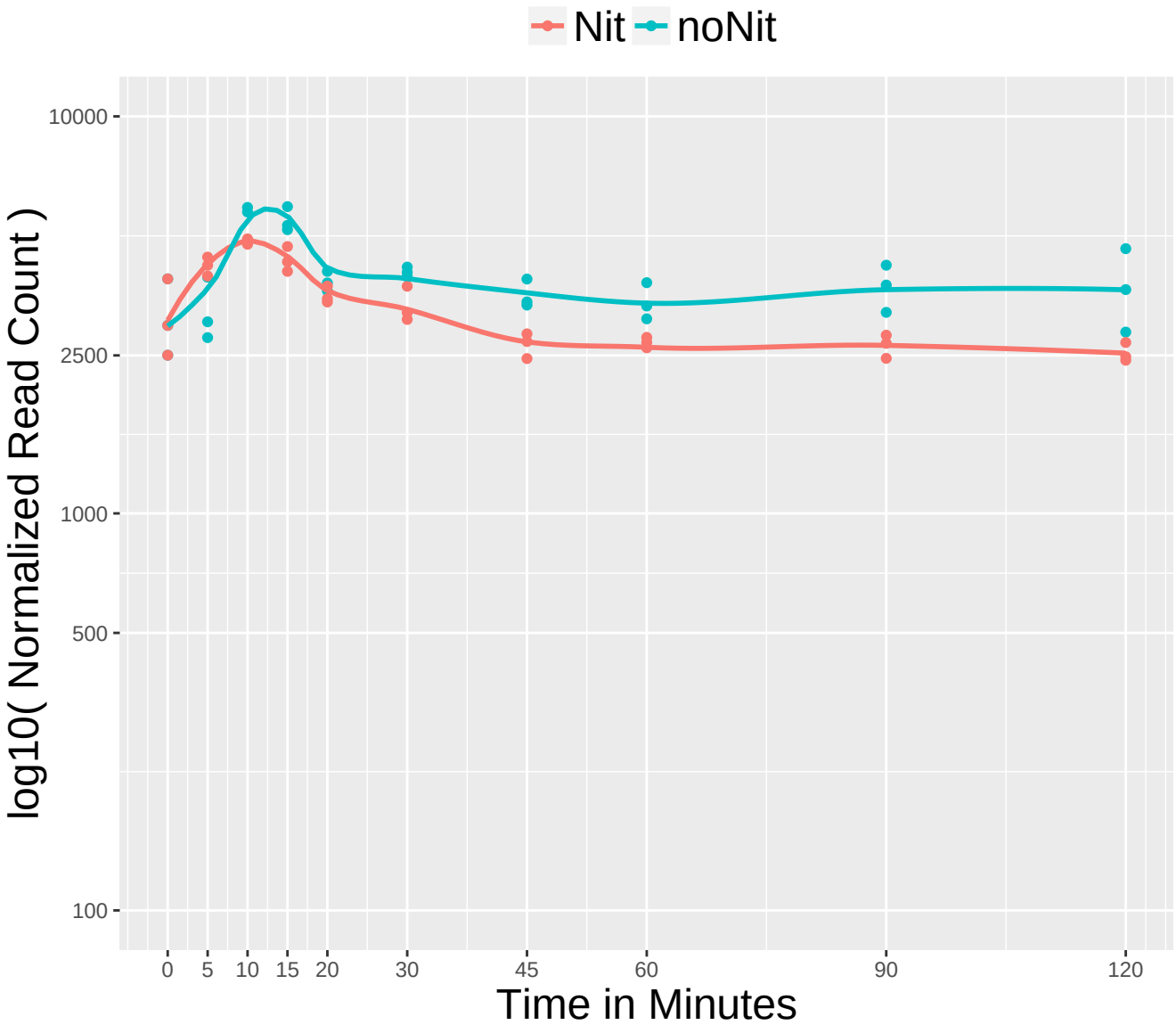
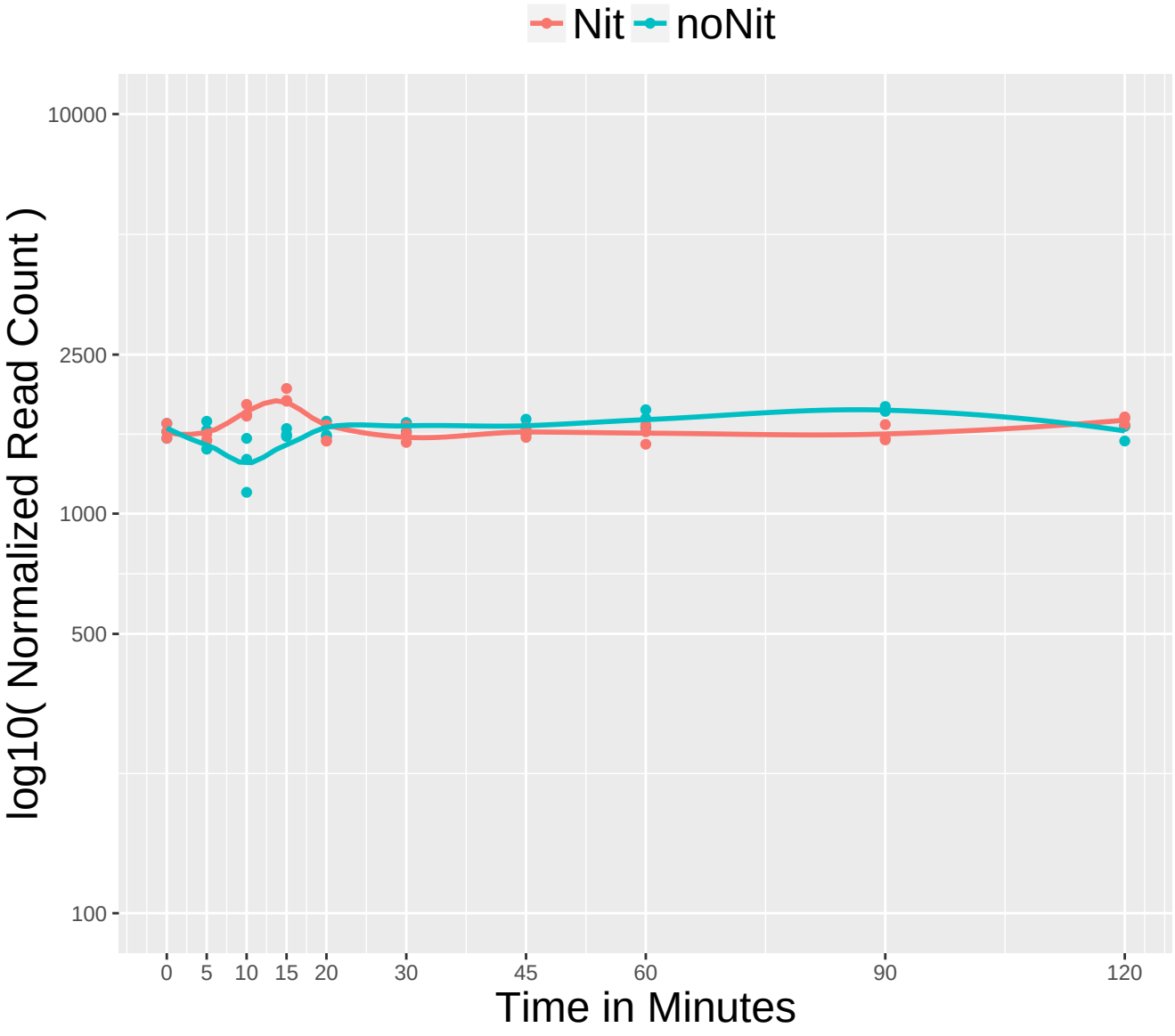
AT−SYR1,,ATSYP121,,ATSYR1,SYNTAXIN



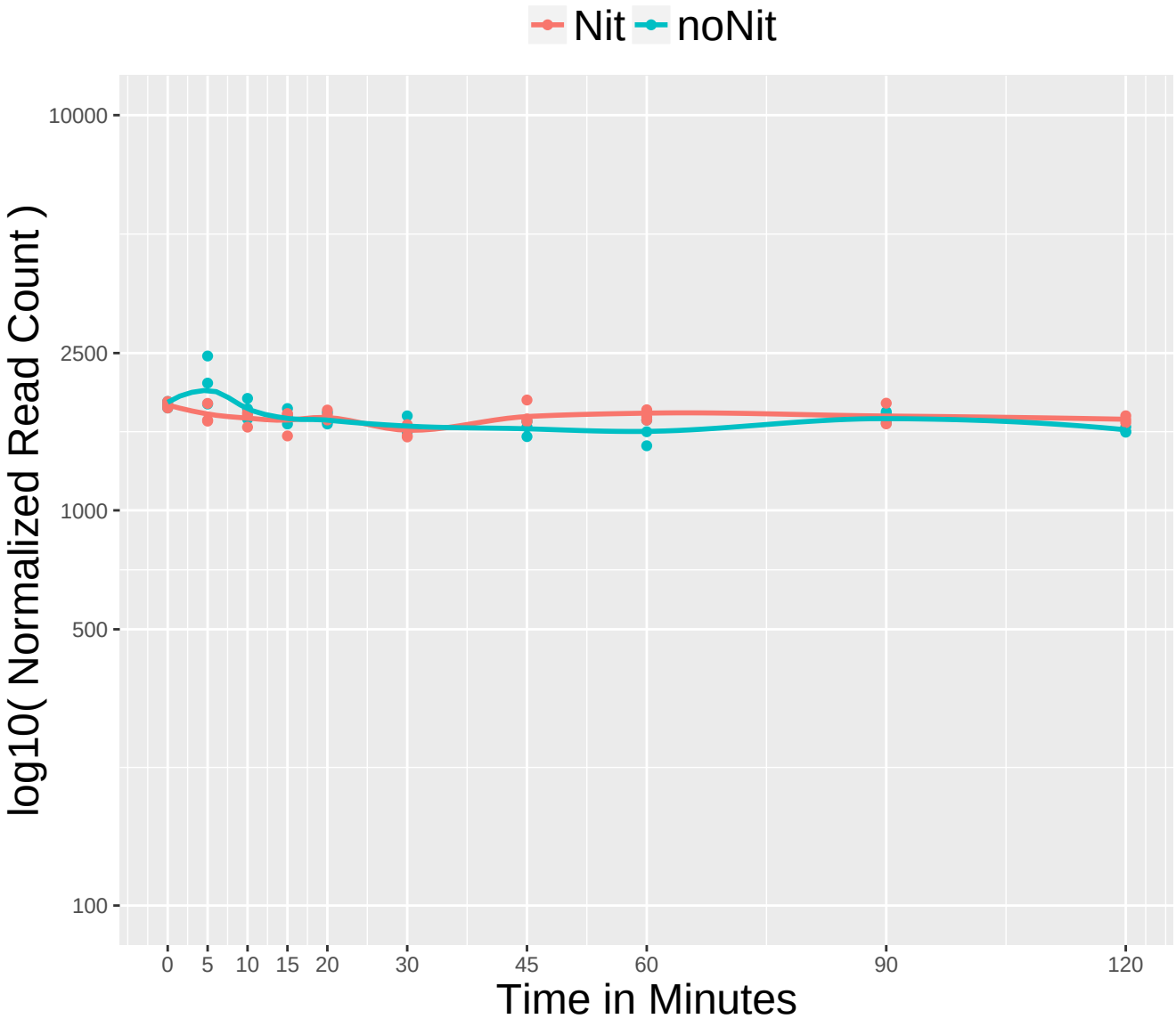
AT3G15610

Transducin/WD40



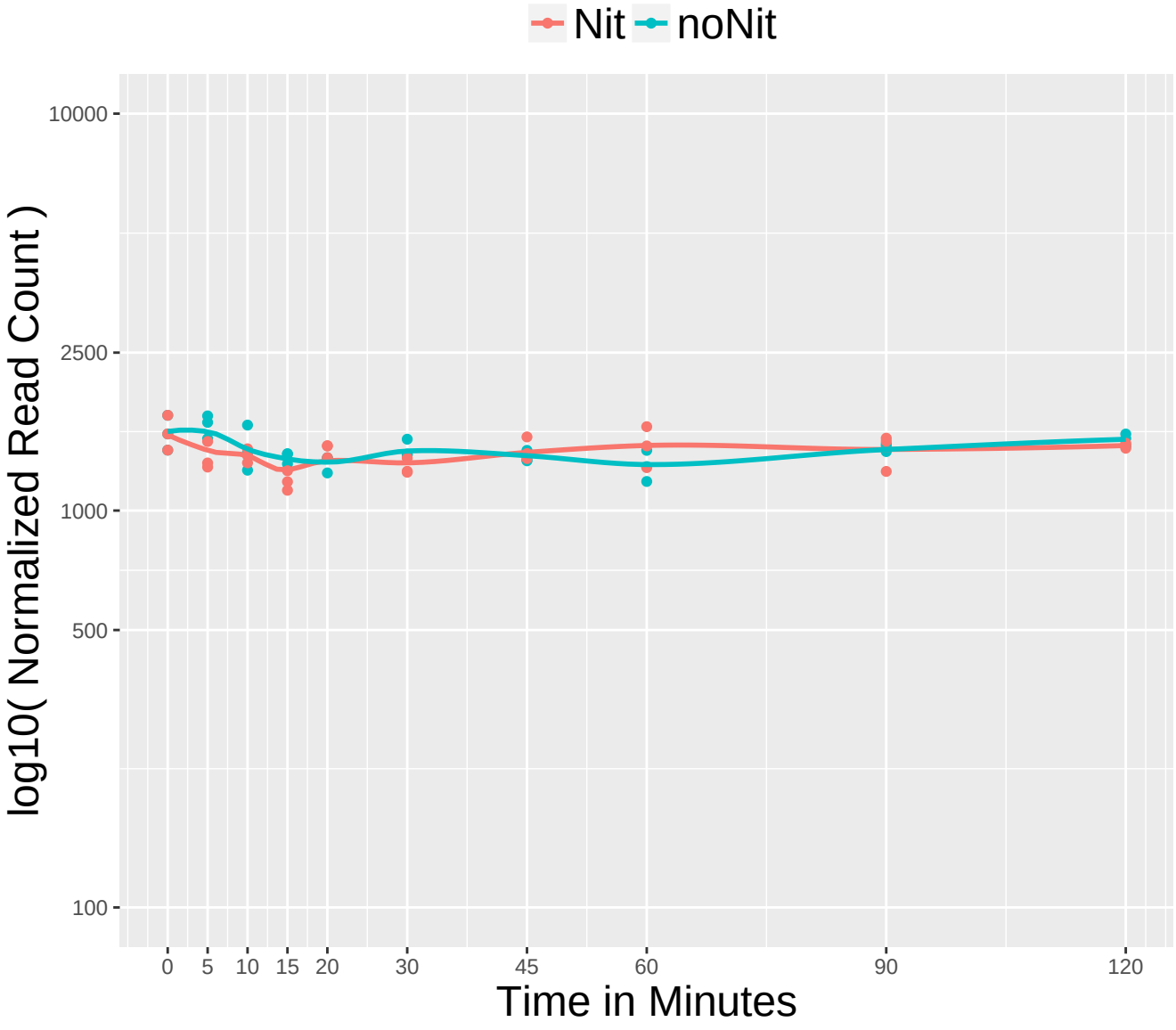
AT3G29310

calmodulin−binding



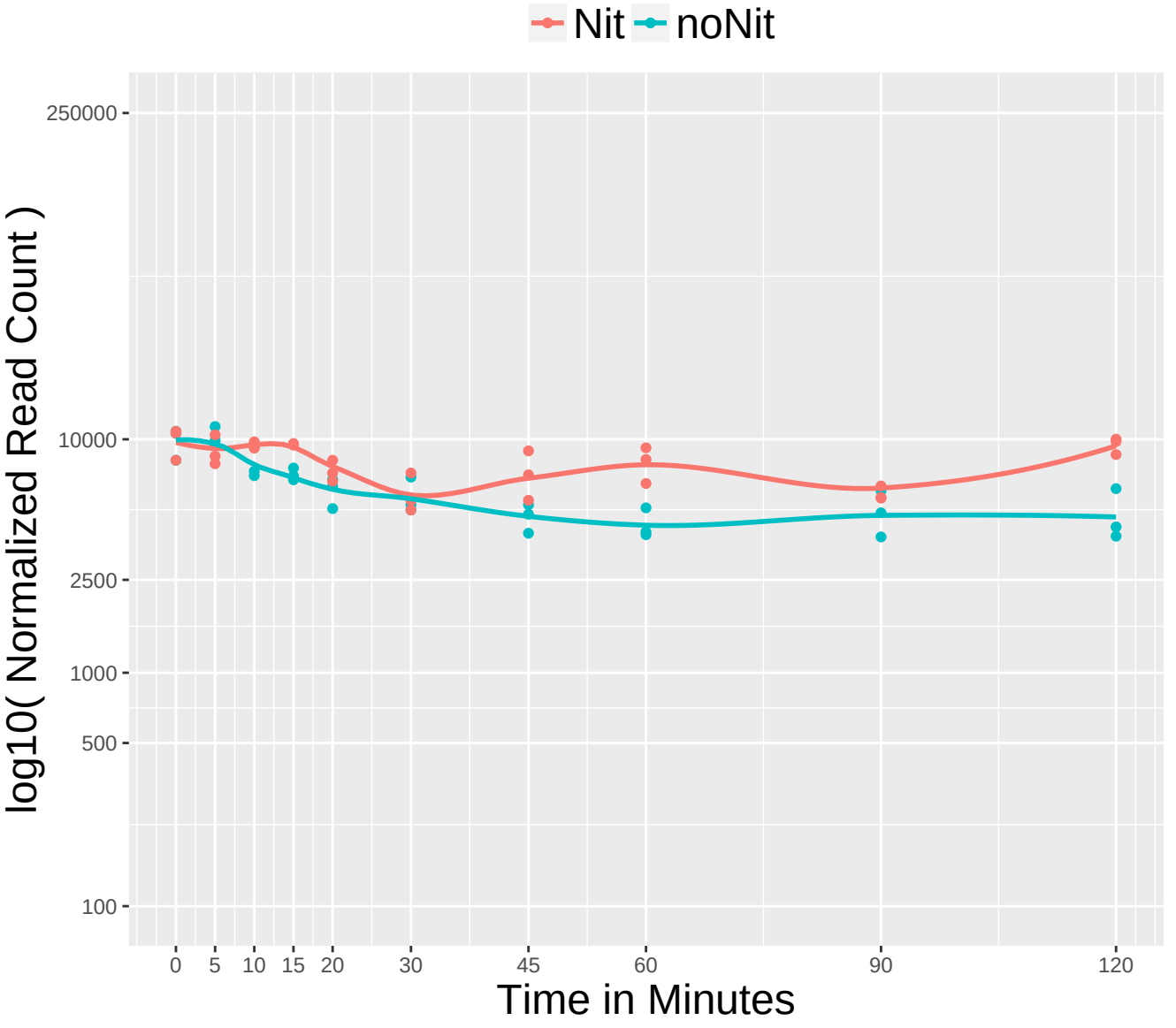
AT3G62300

ATDUF7,DOMAIN



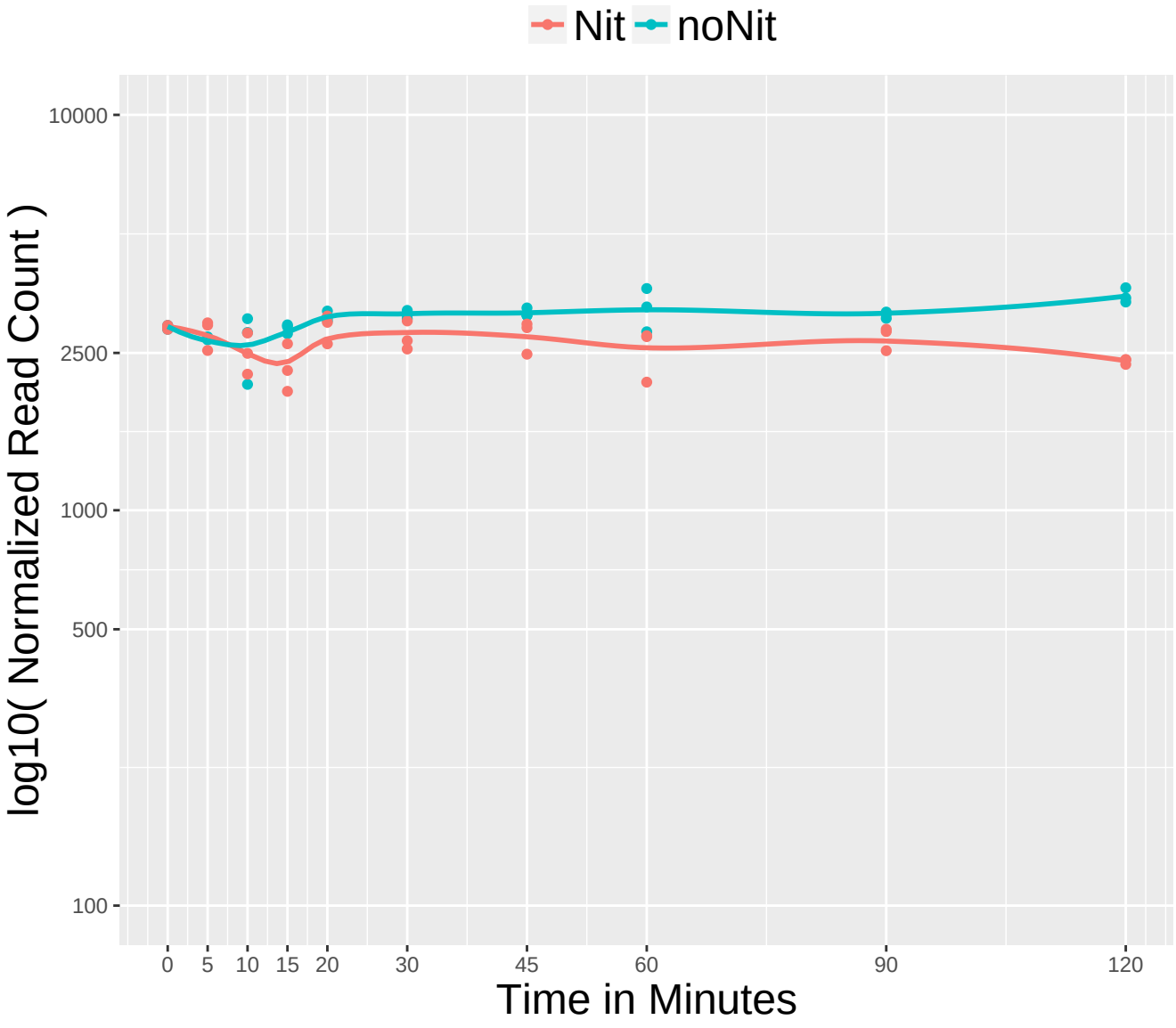
AT4G26230

Ribosomal



AT5G12370

SEC10,exocyst



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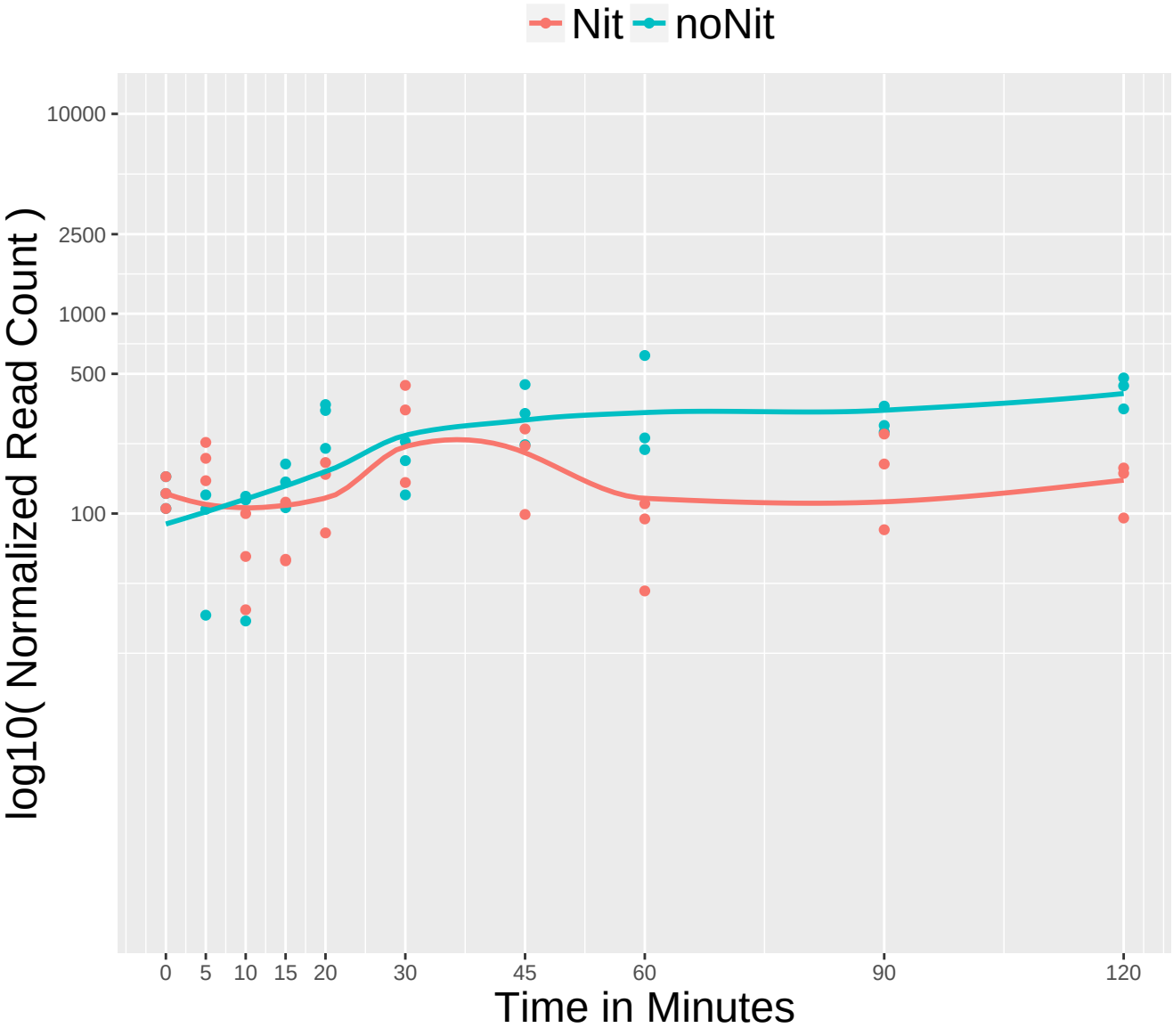
Plant



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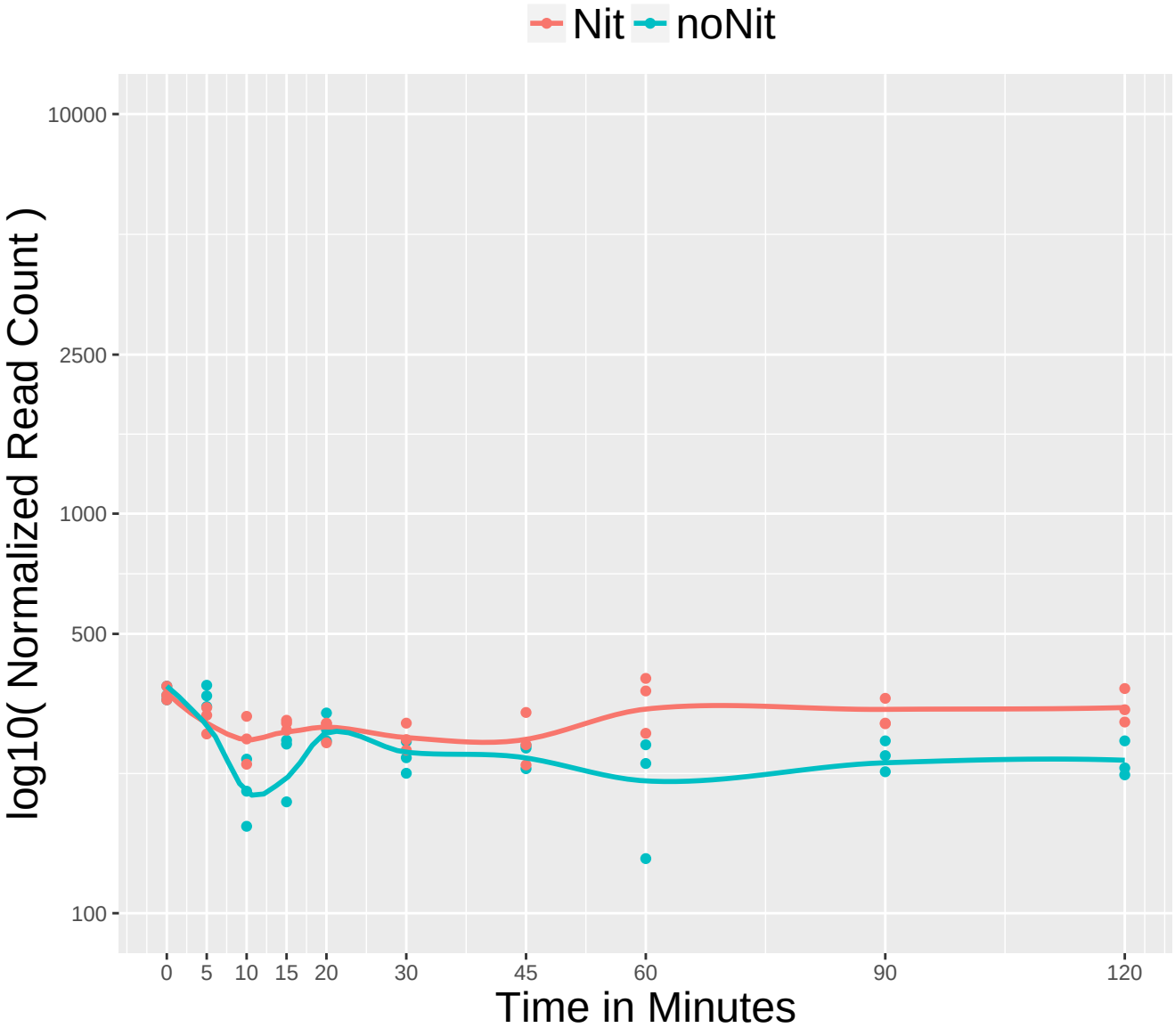
Galactose



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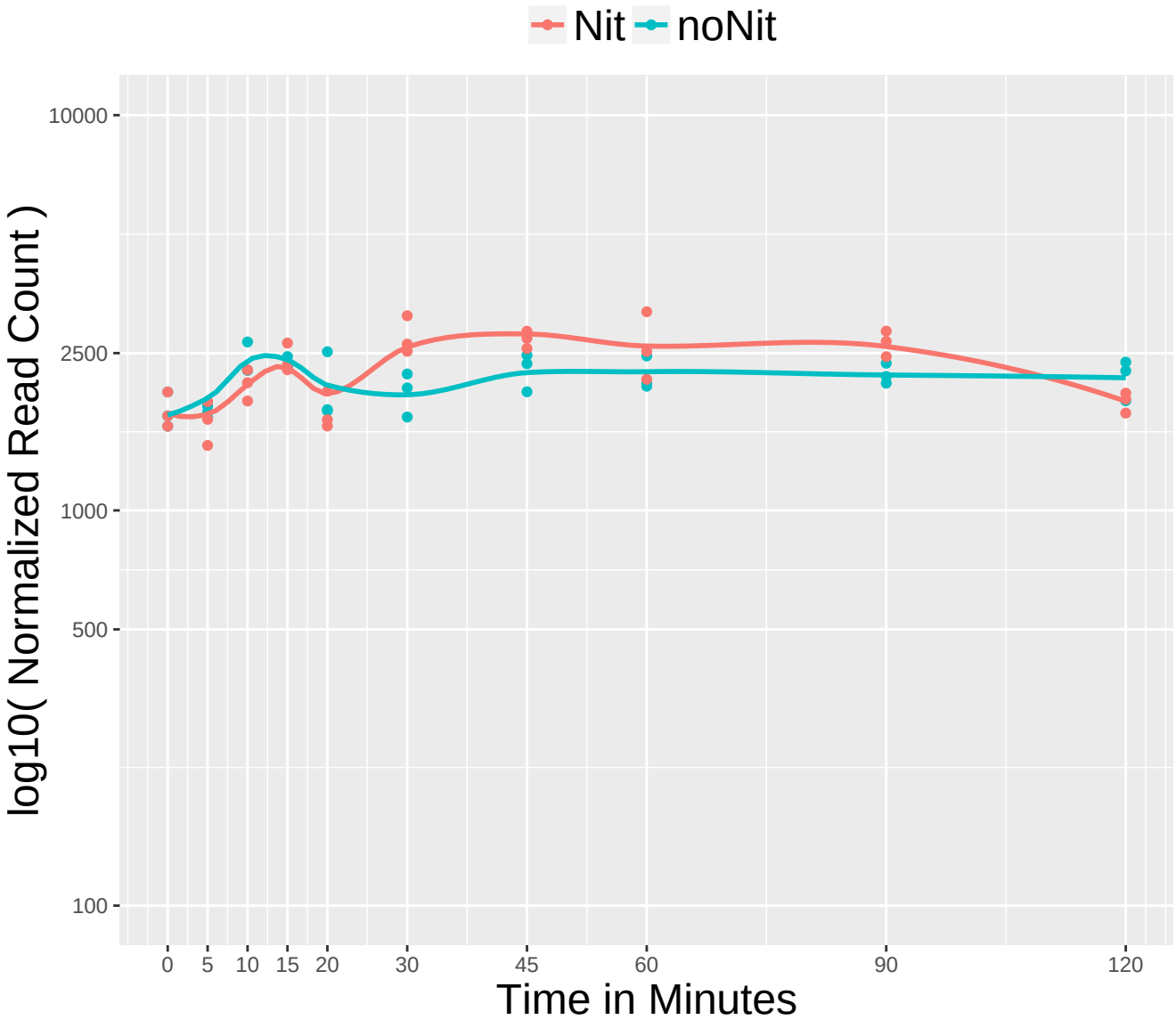

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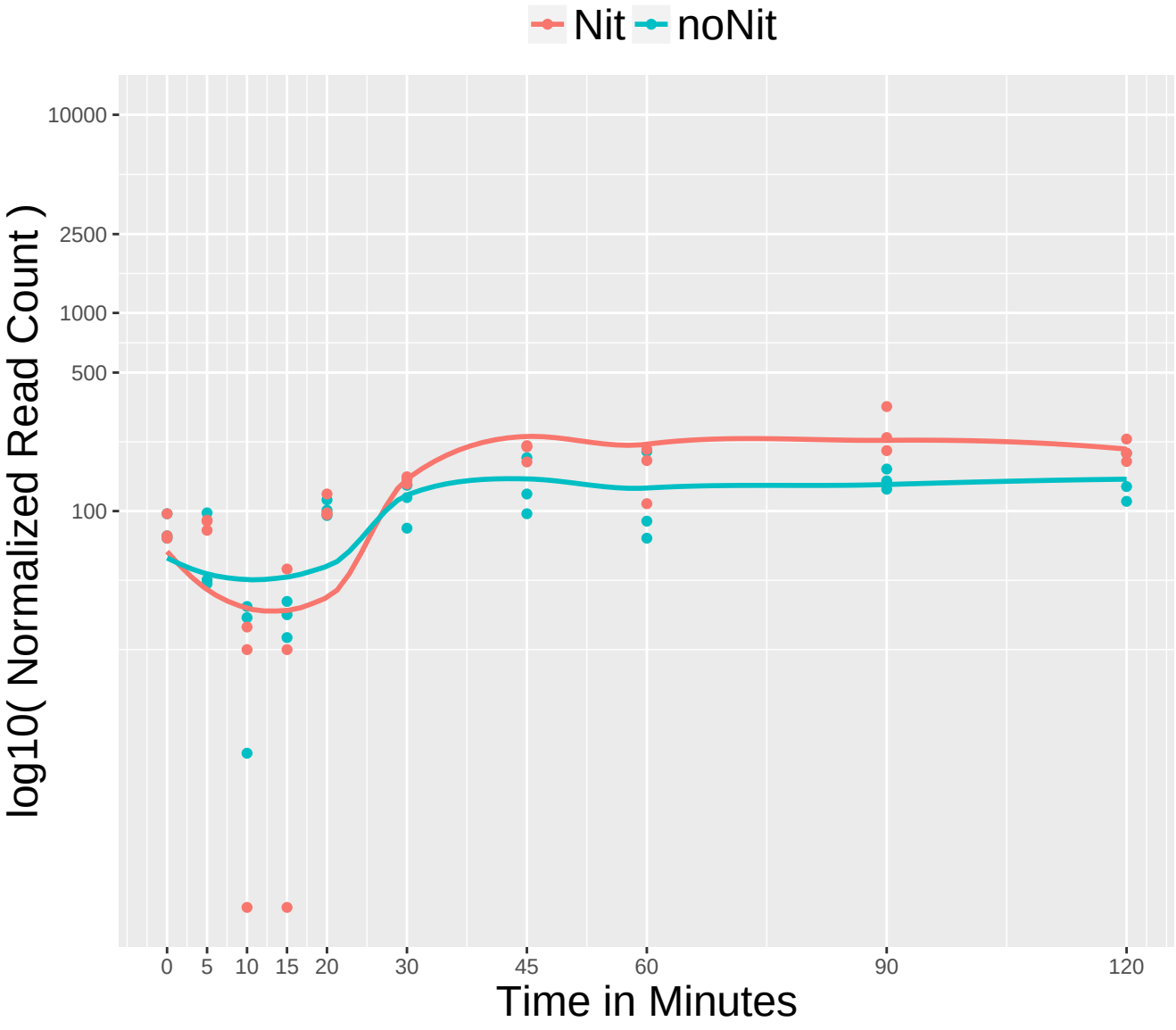
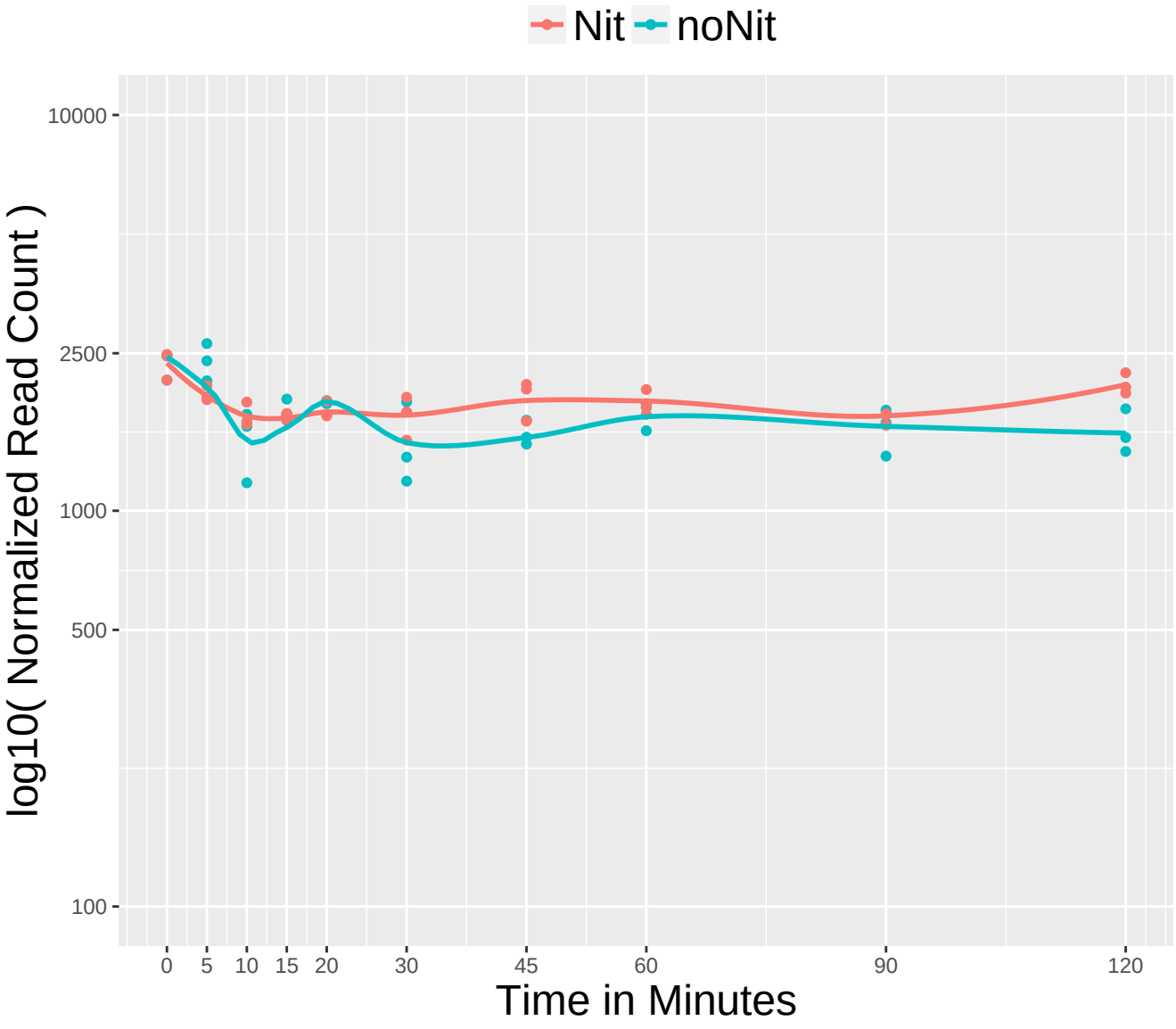
Inositol−pentakisphosphate



AT2G14255

Ankyrin



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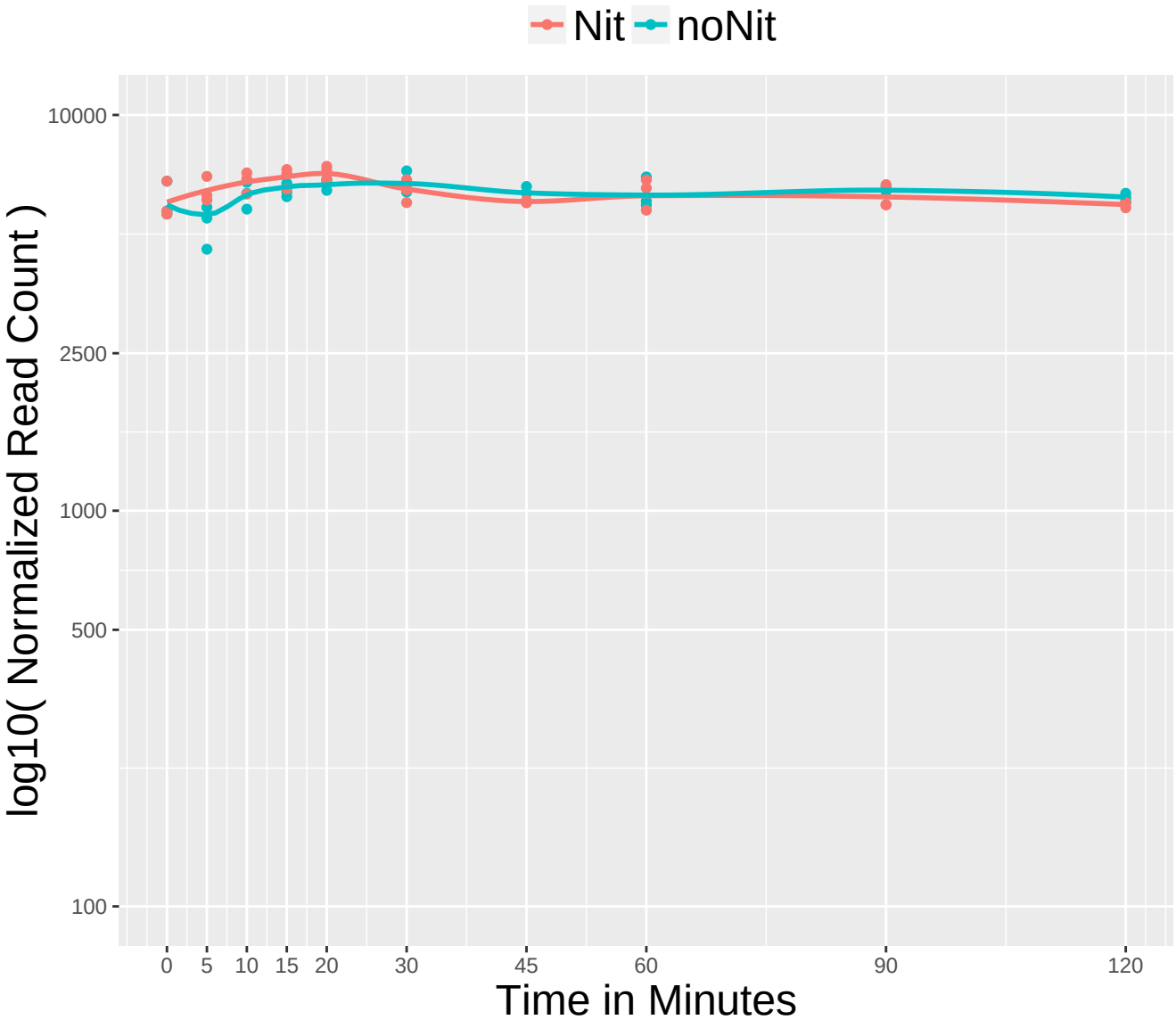
AKR2B,ankyrin



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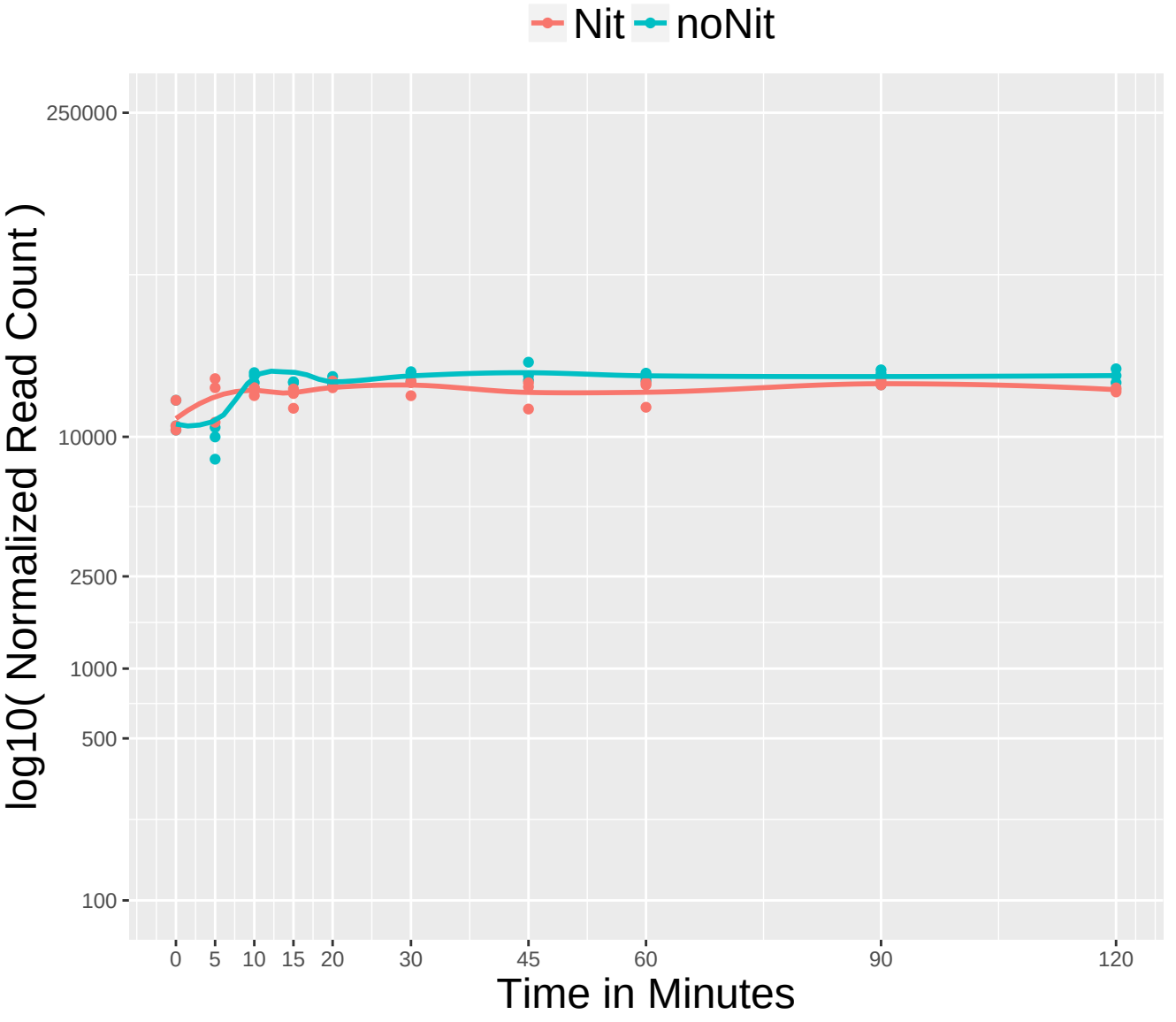
ATNTRA,THIOREDOXIN



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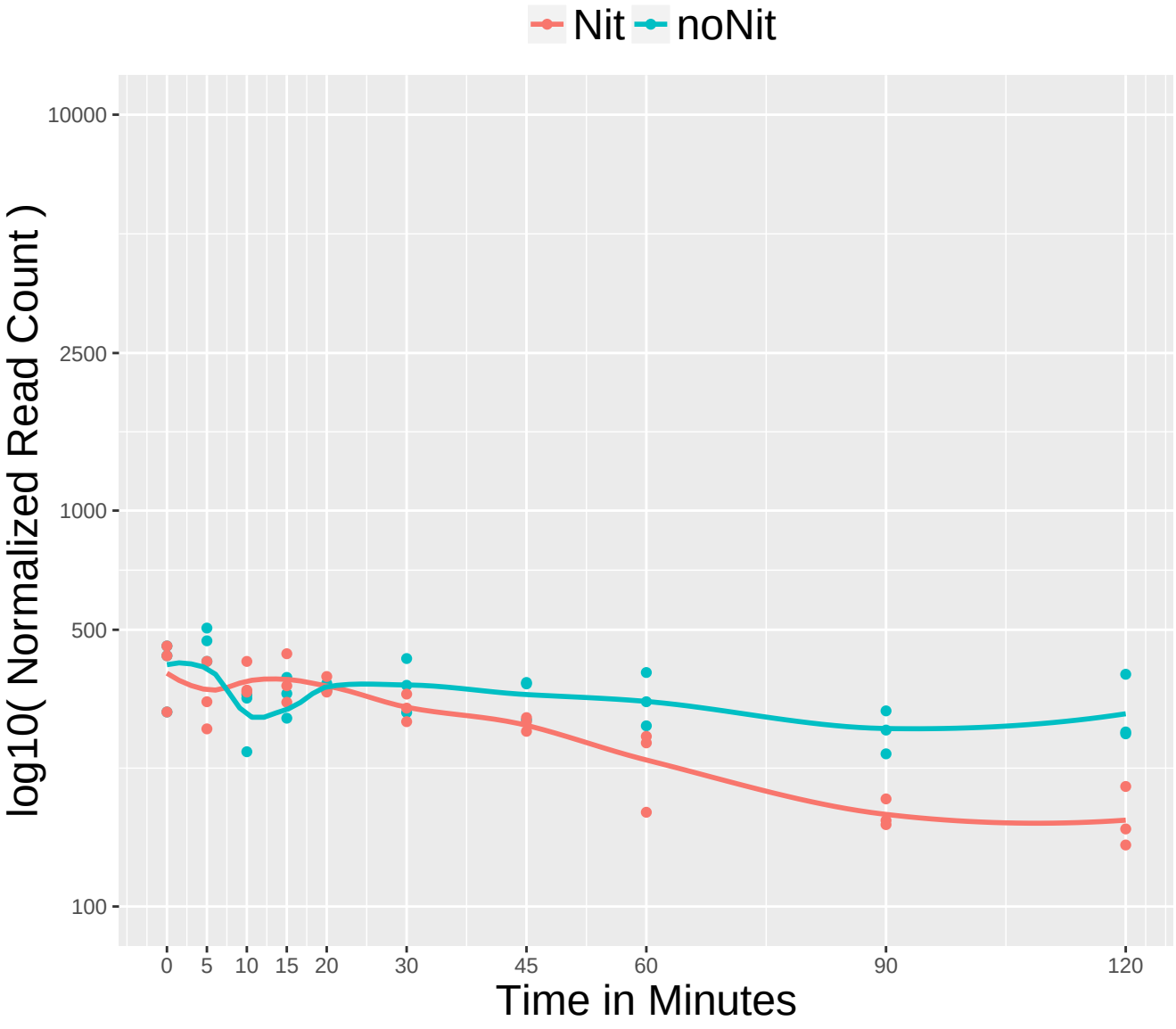

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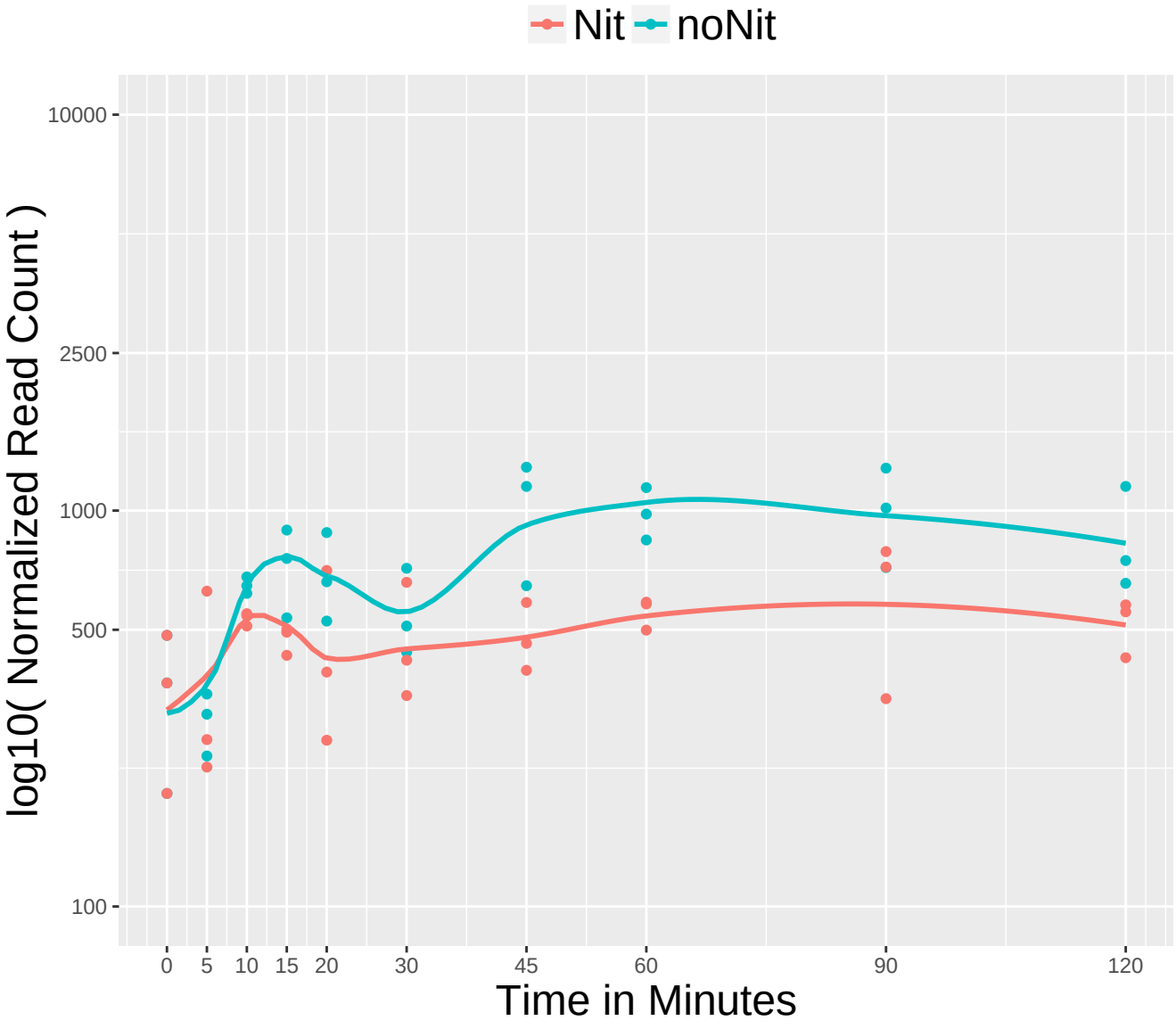

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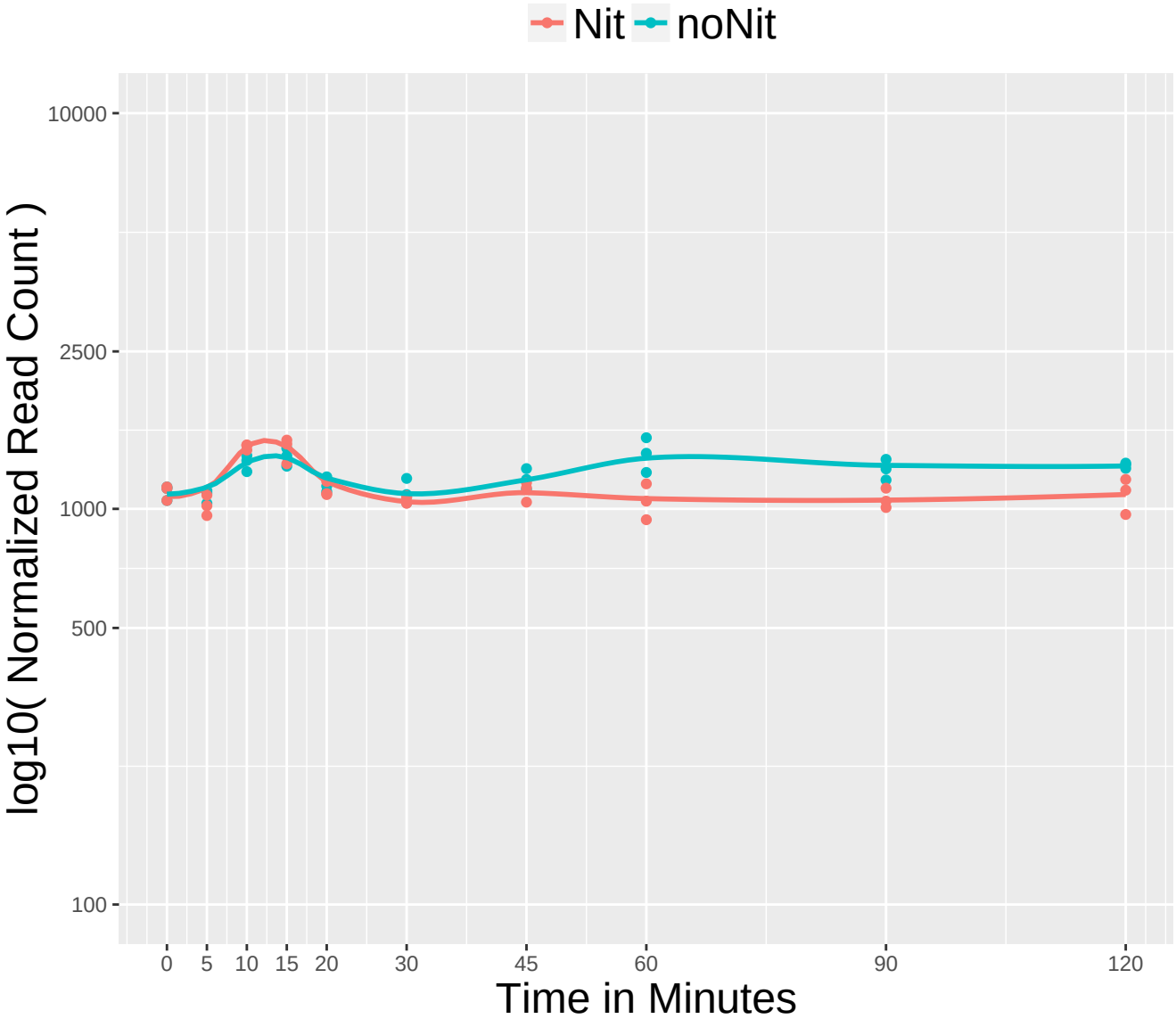

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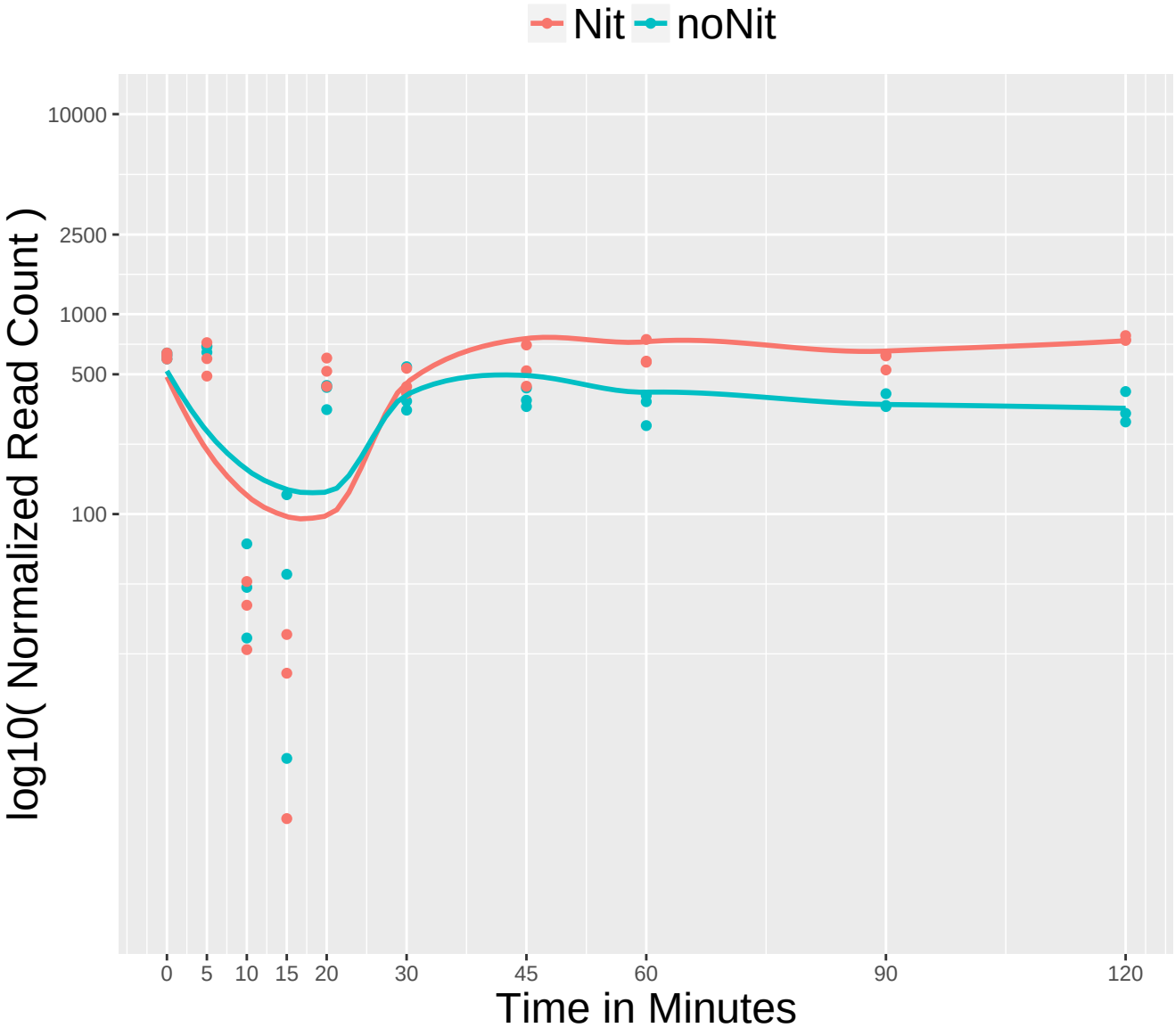

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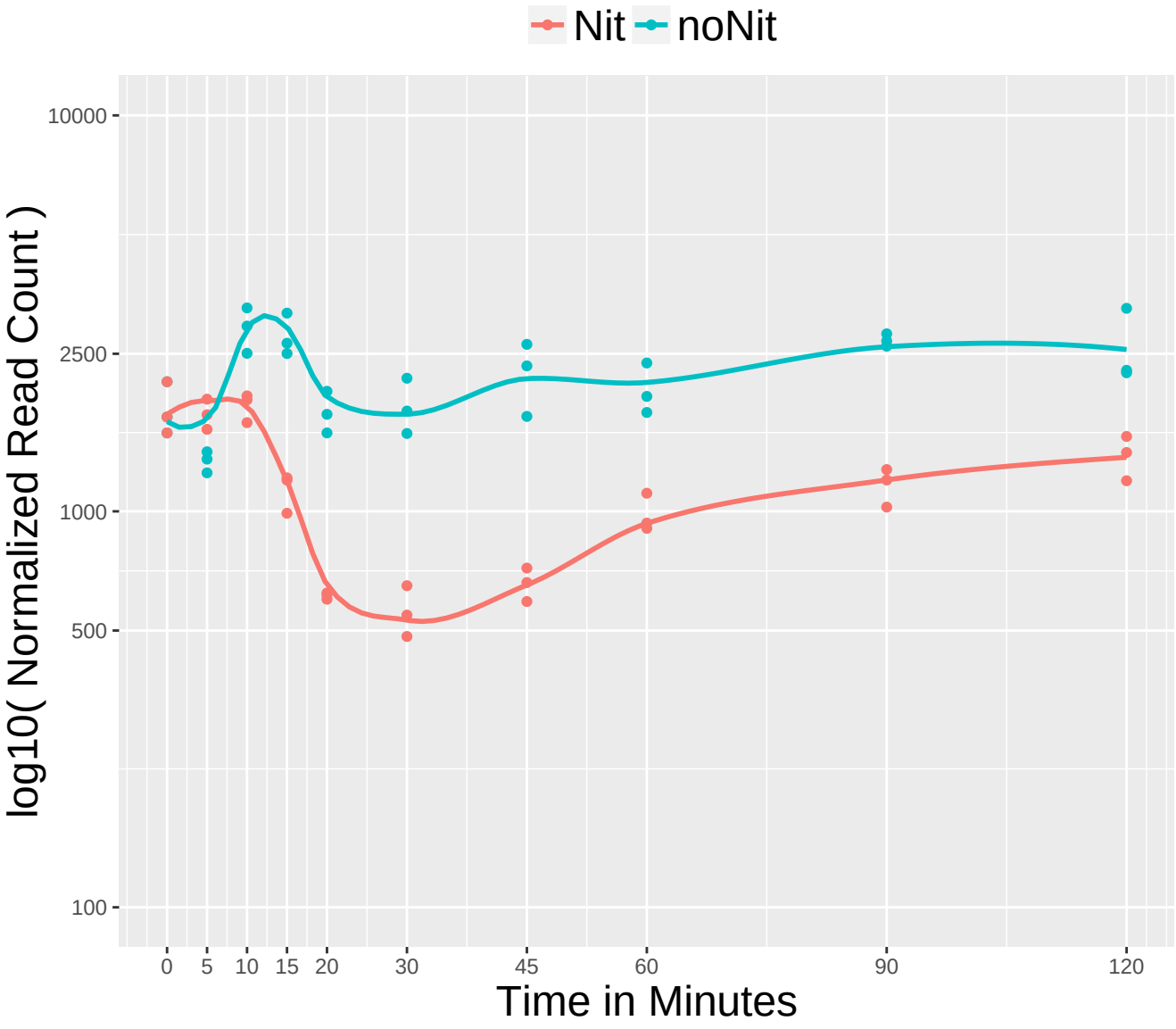
Integrase−type



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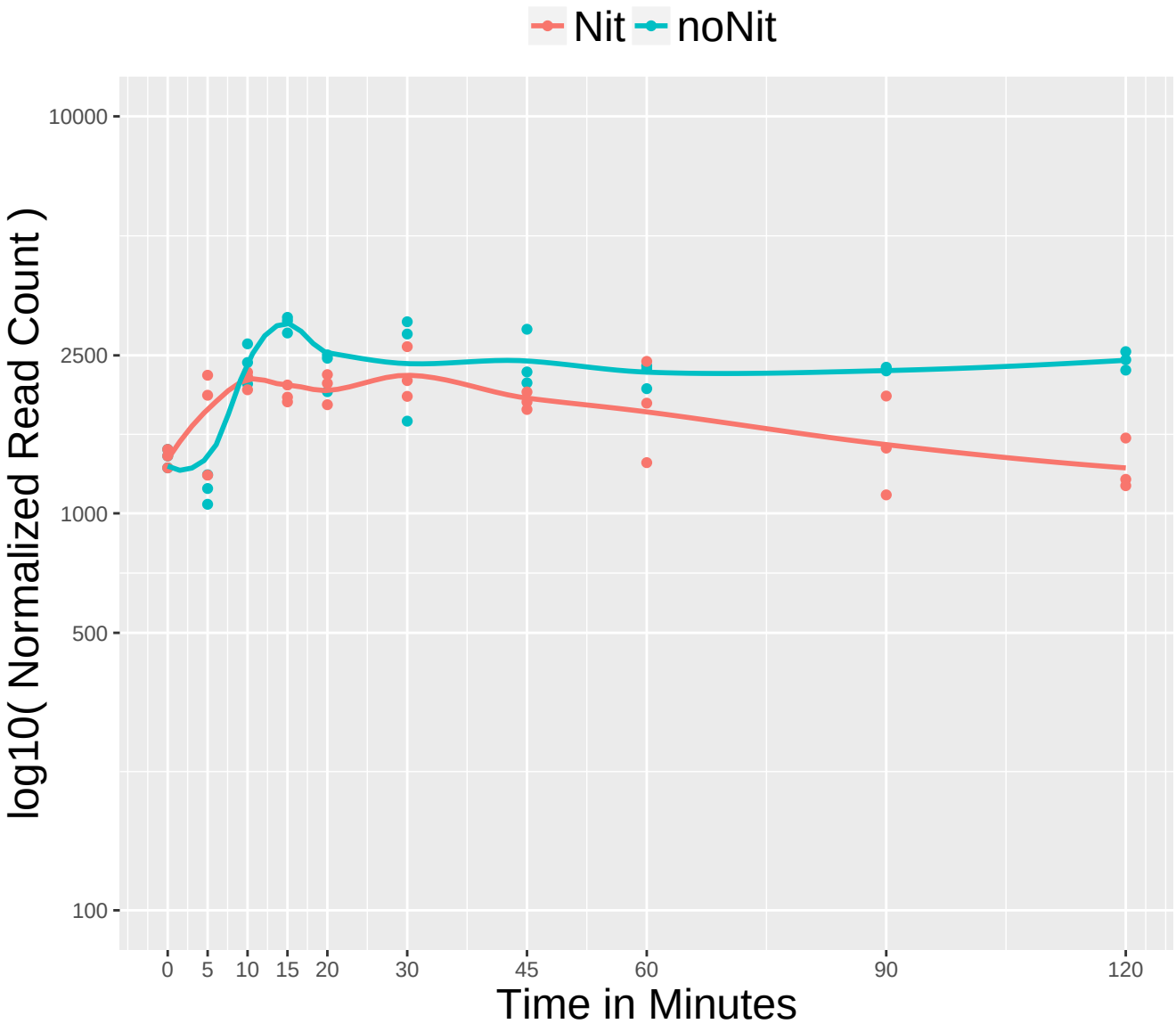
FLA15,FASCICLIN−like



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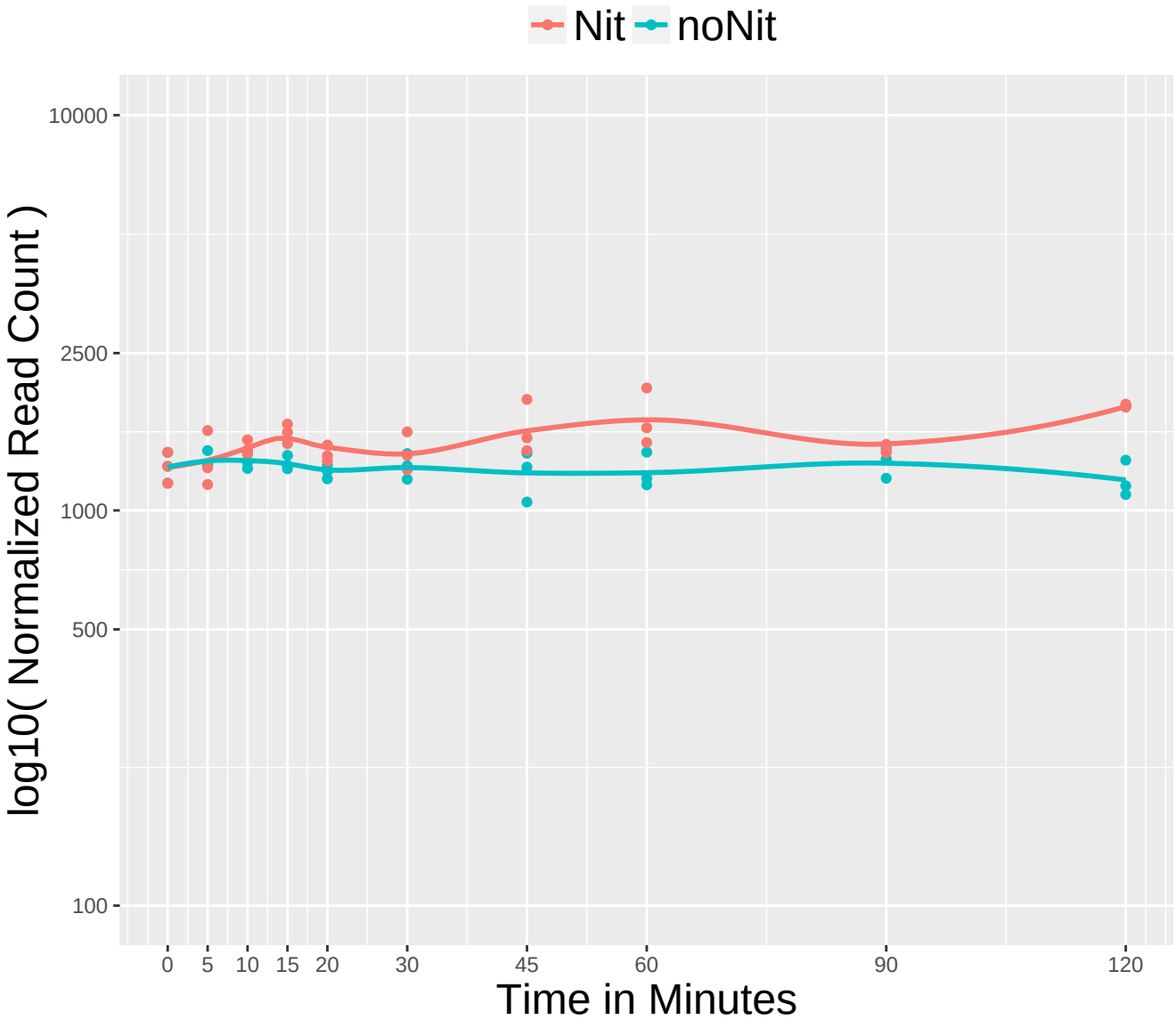
UBC14,ubiquitin−conjugating



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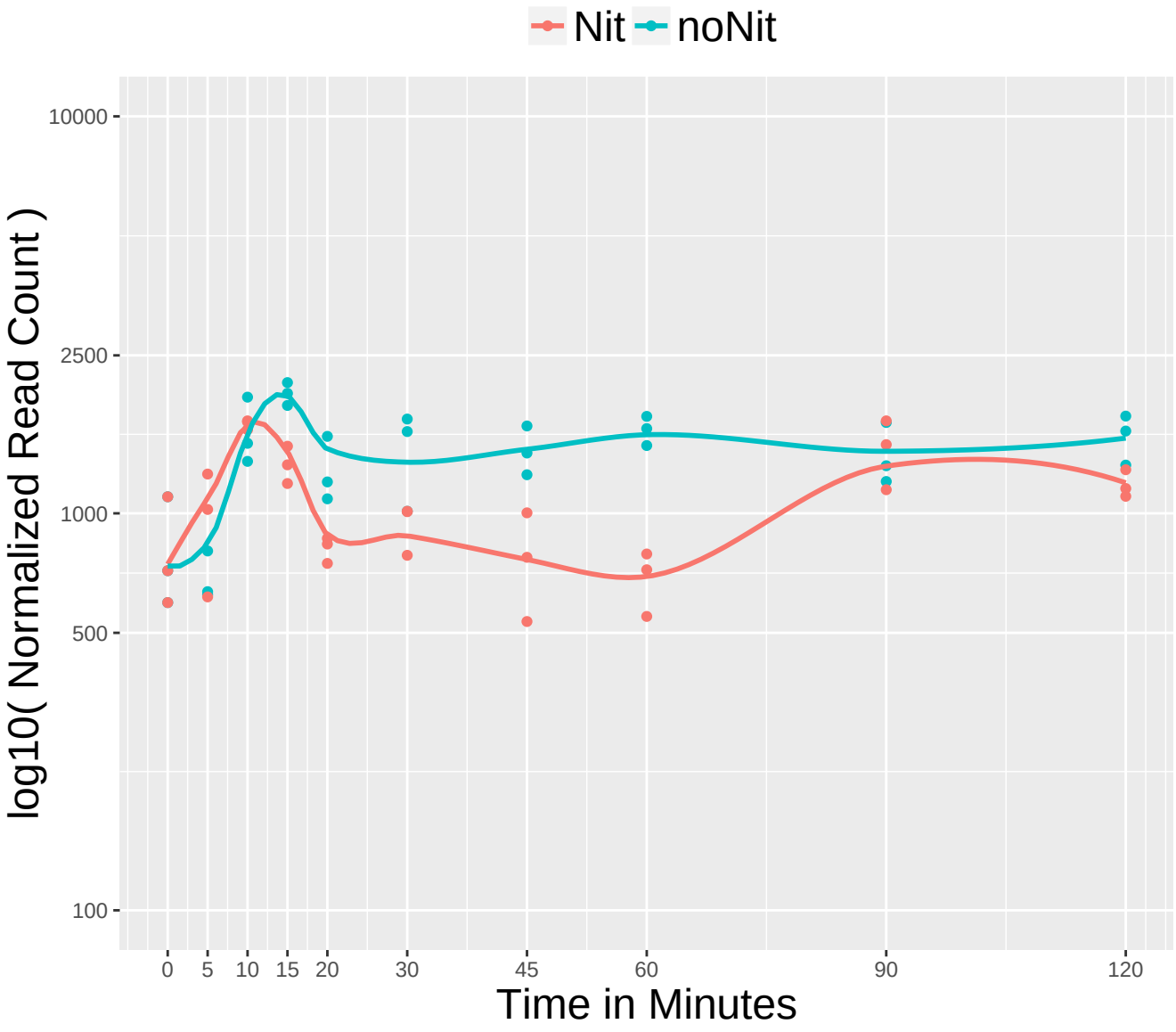
AtLPK1,,LPK1,lectin−like



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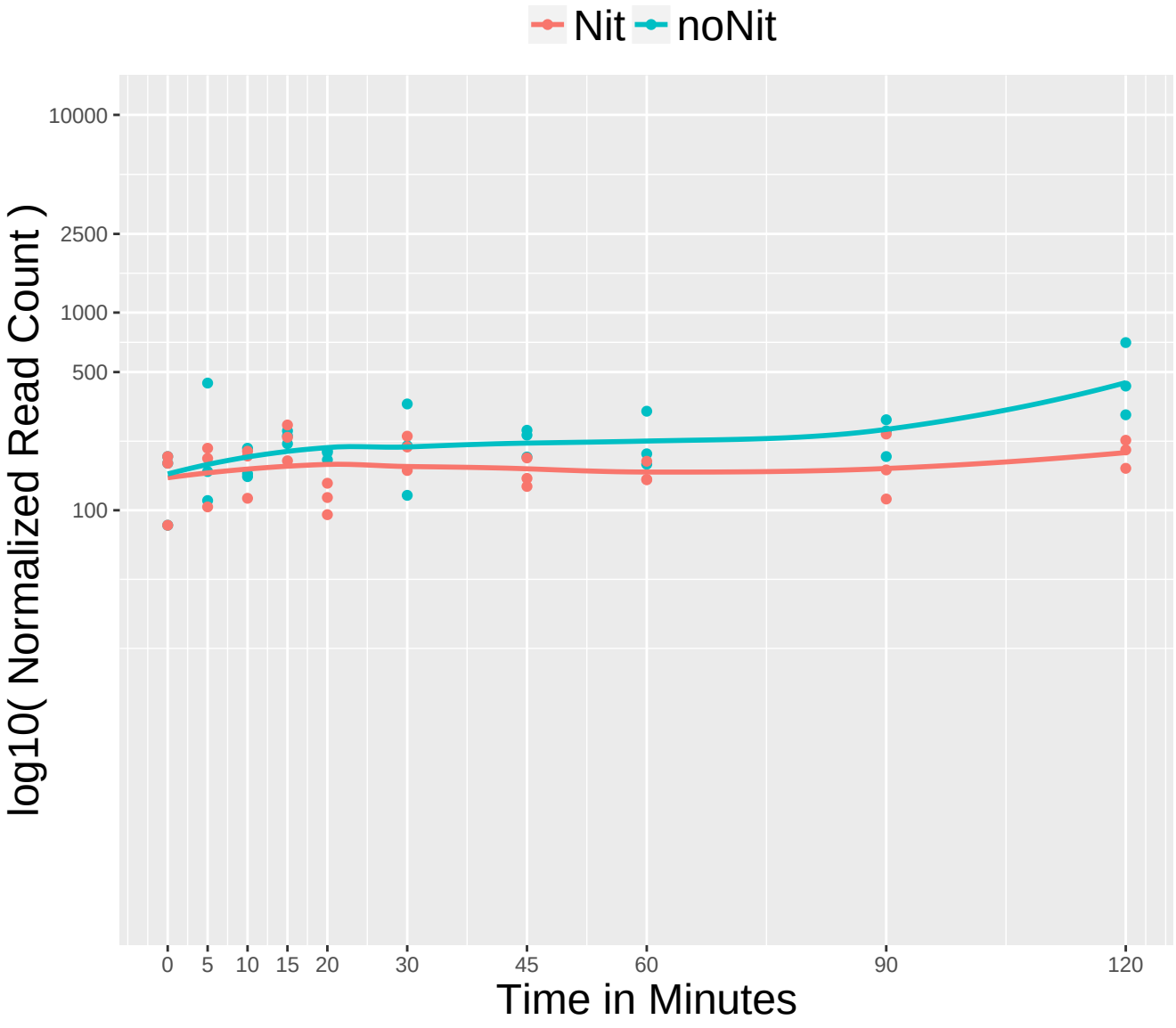
ATCSLC12,Cellulose−synthase−like



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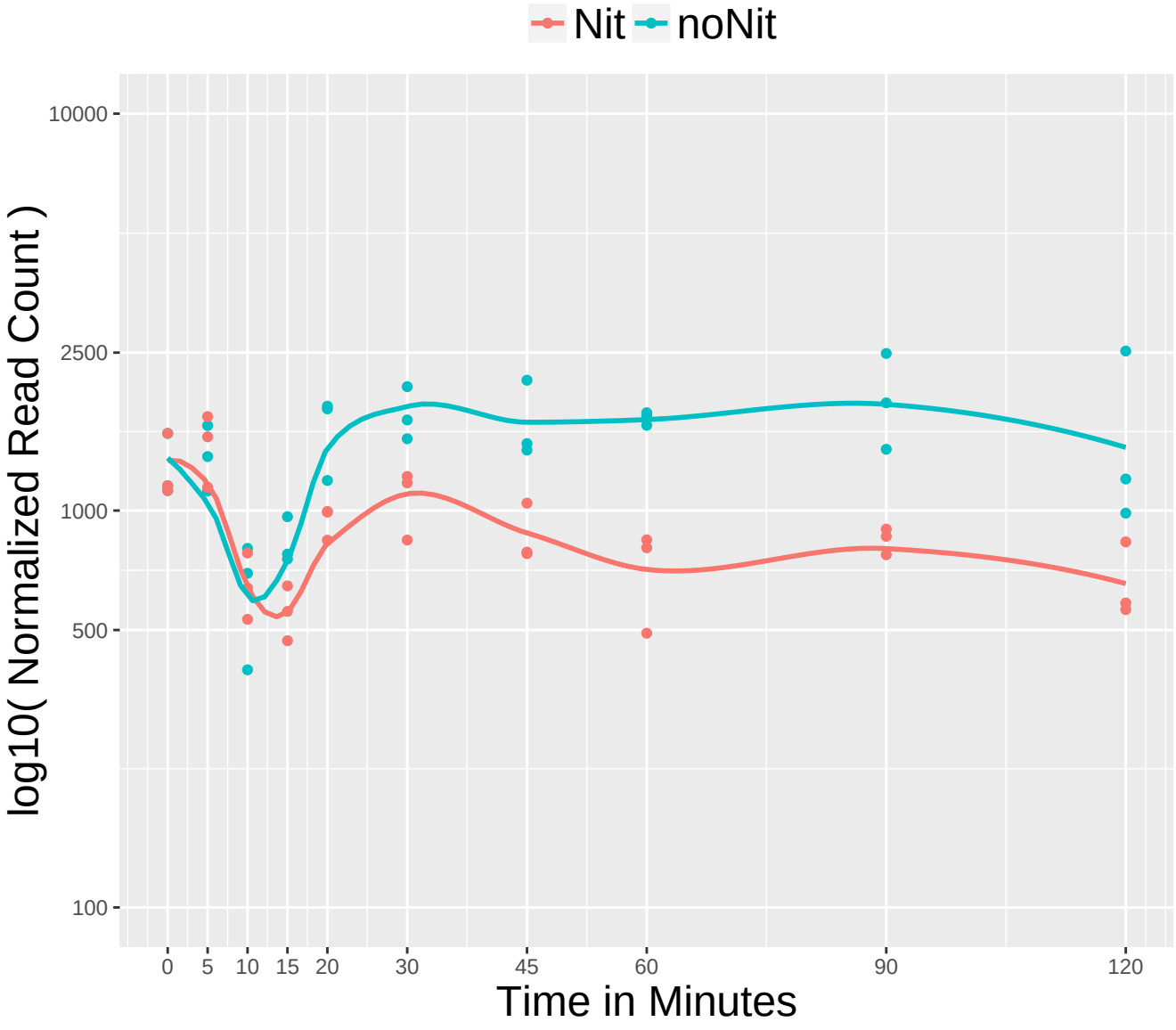
XBAT34,XB3



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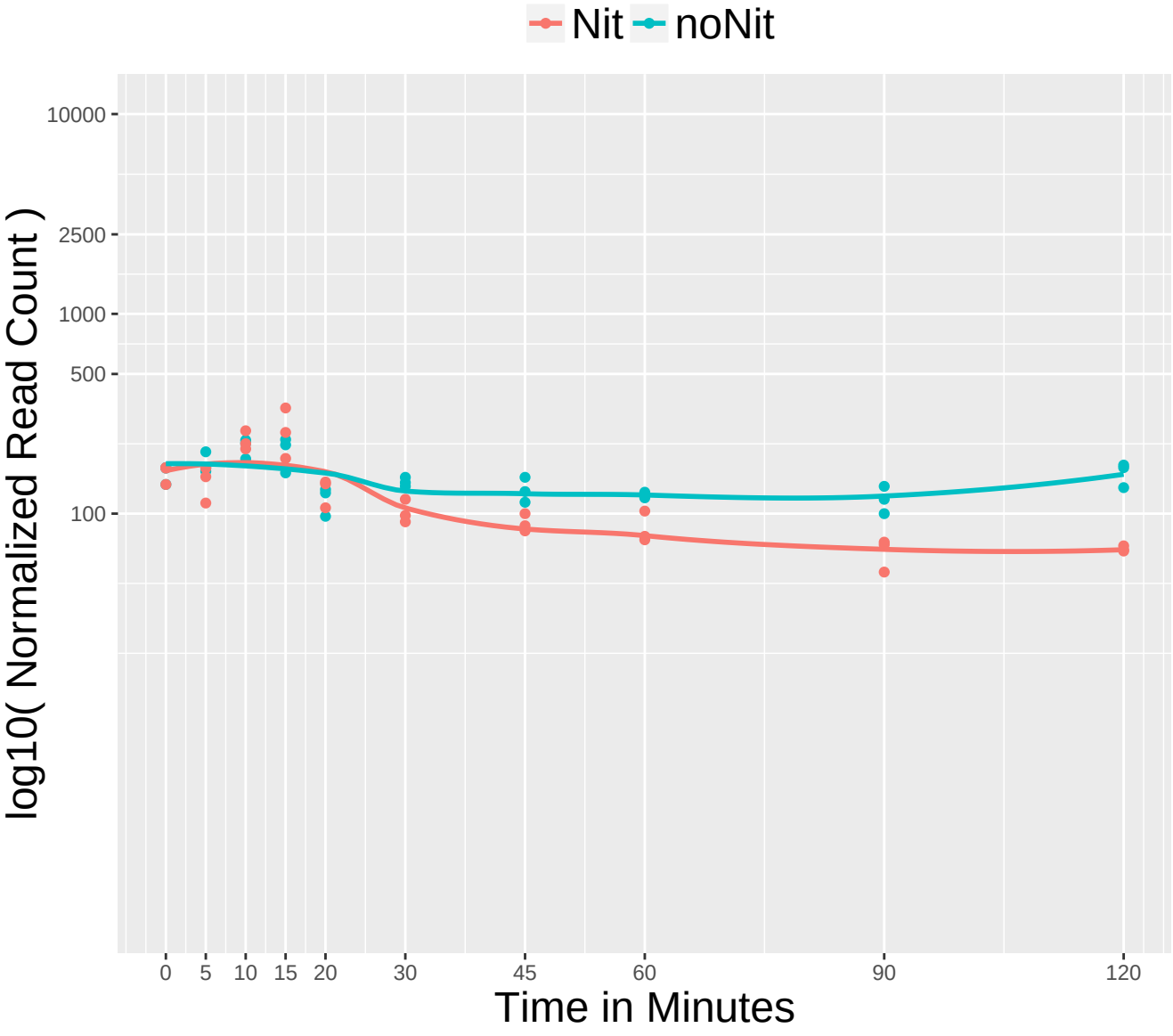
Calcineurin−like



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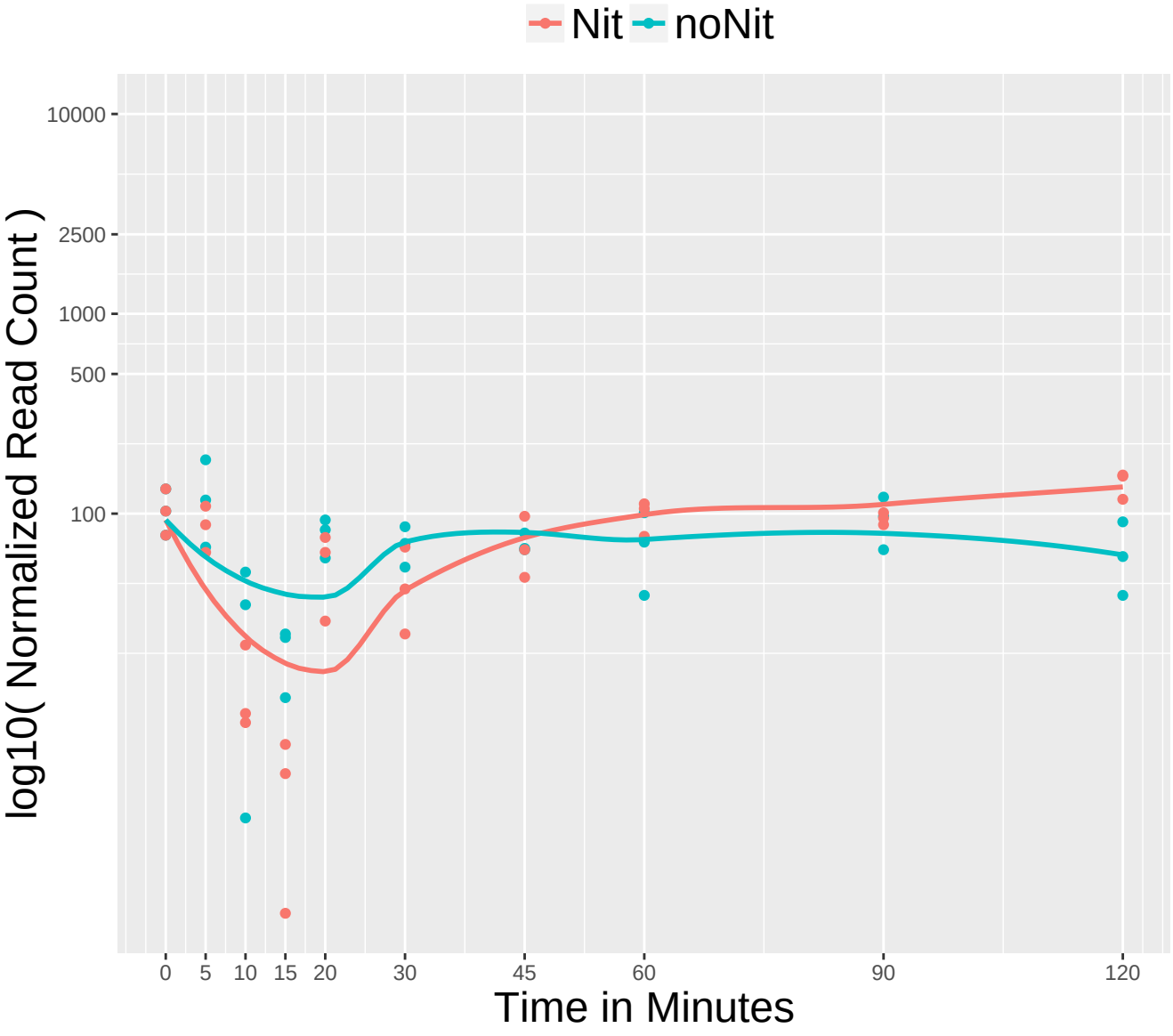
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AT5G15240

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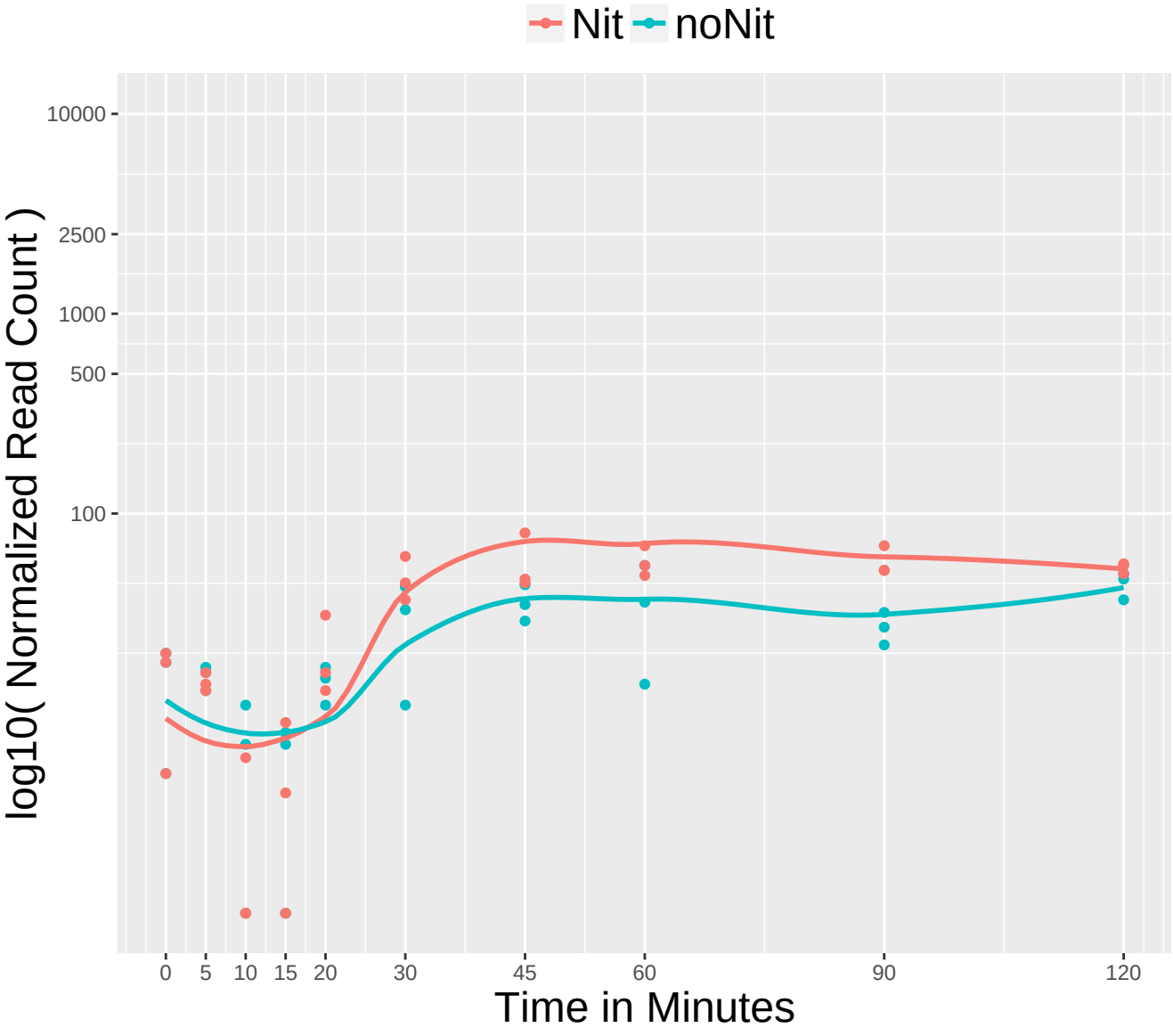

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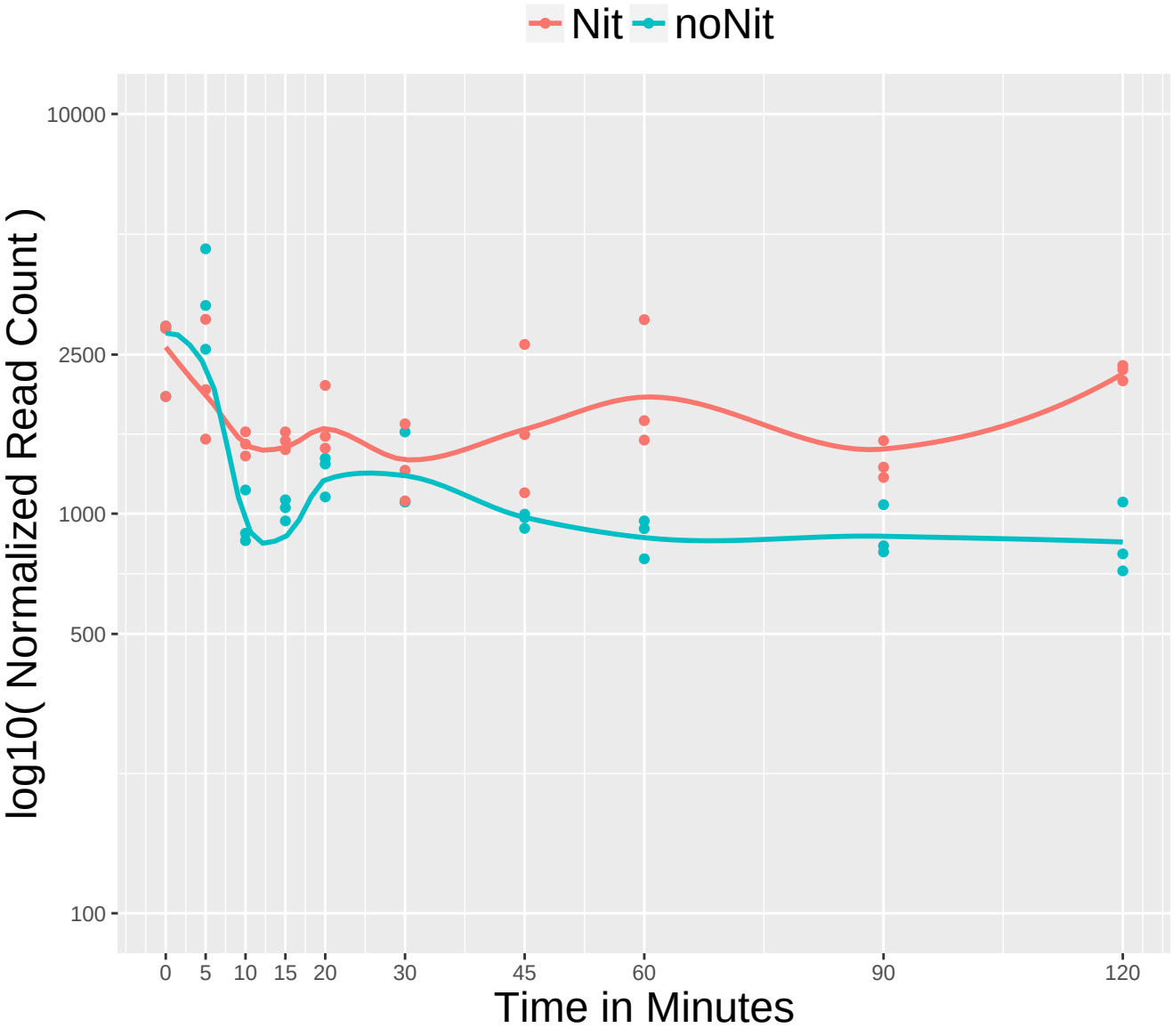
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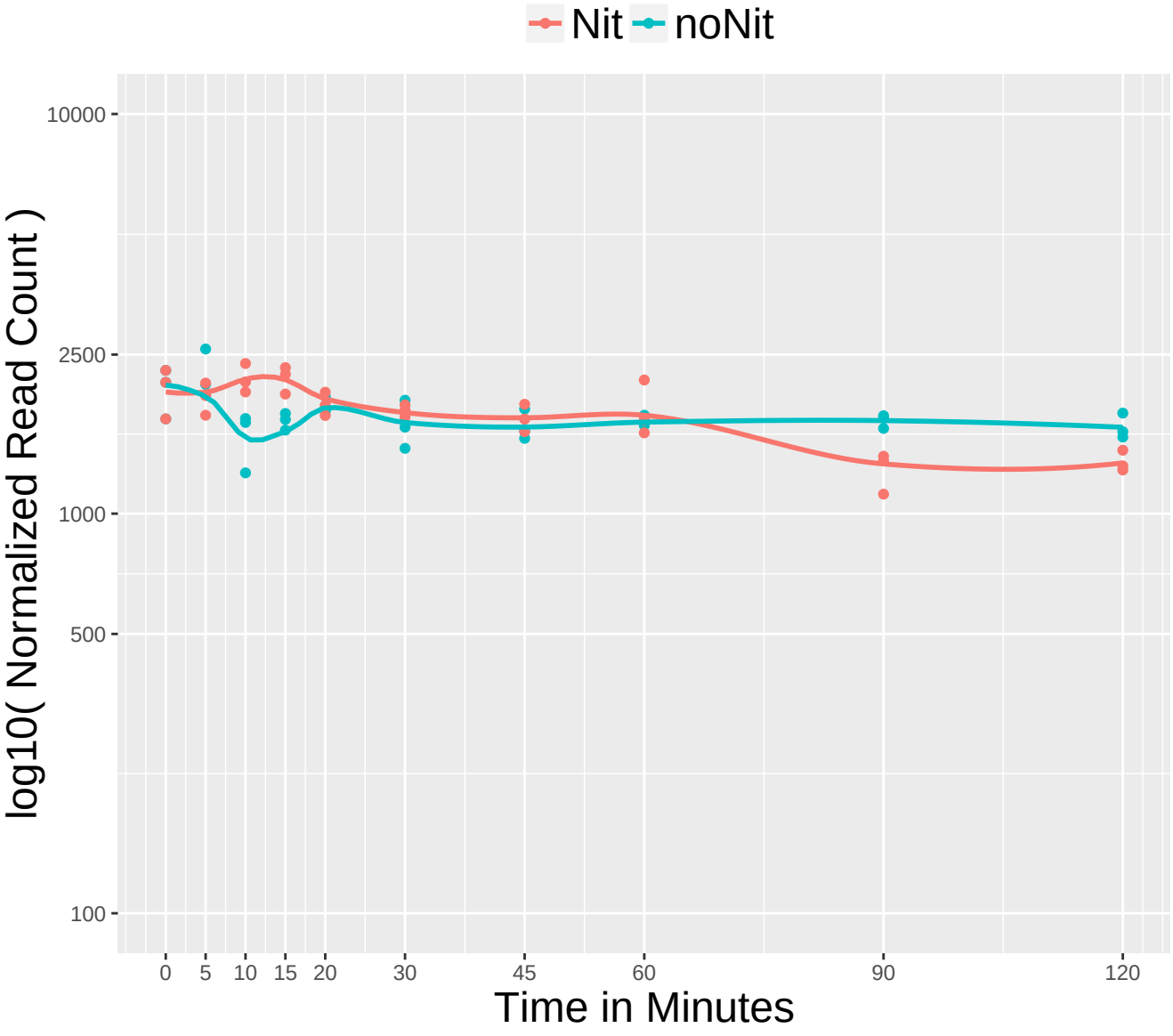
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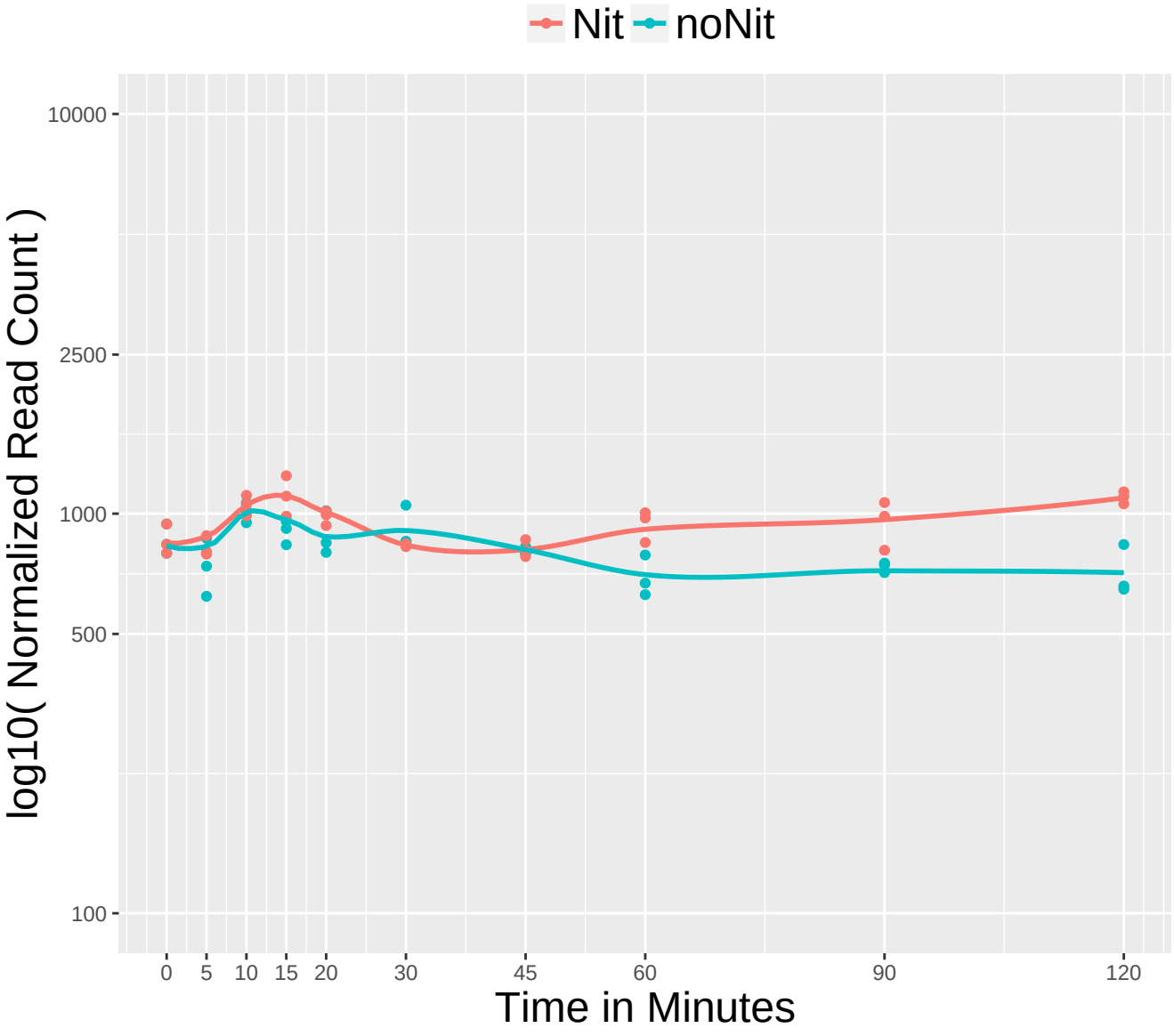
AT1G14300

ARM



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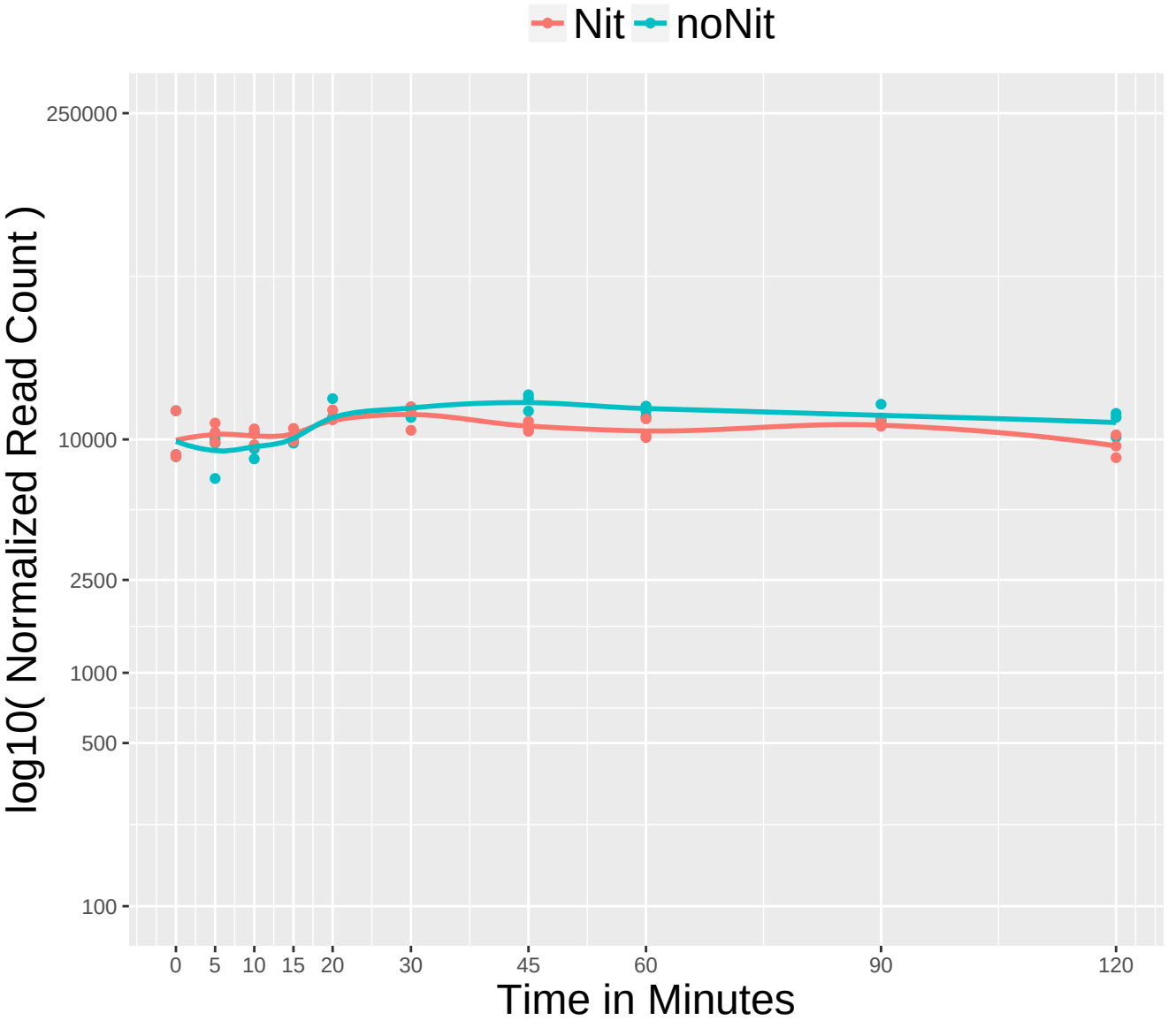
Serinc−domain



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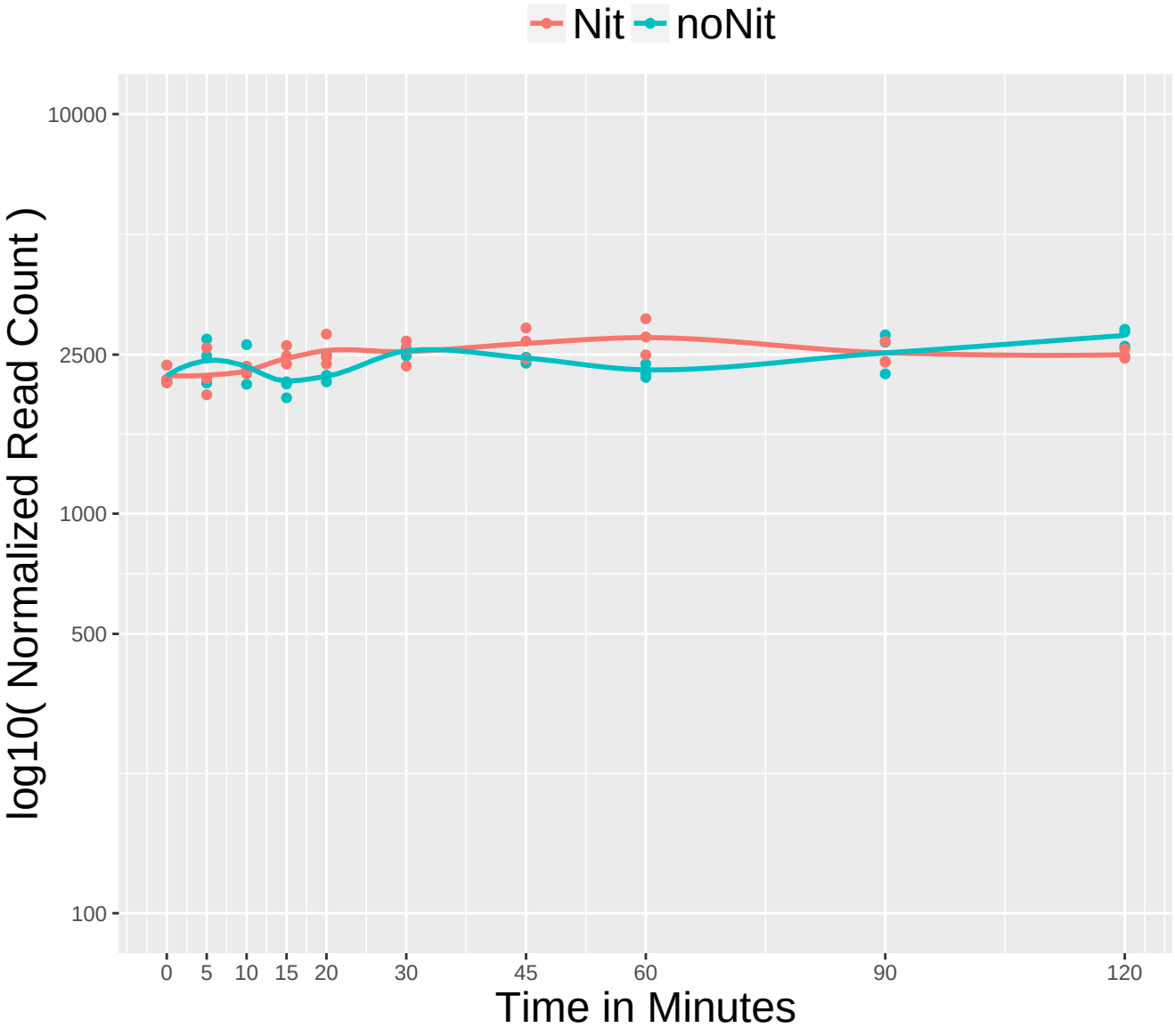
SecY



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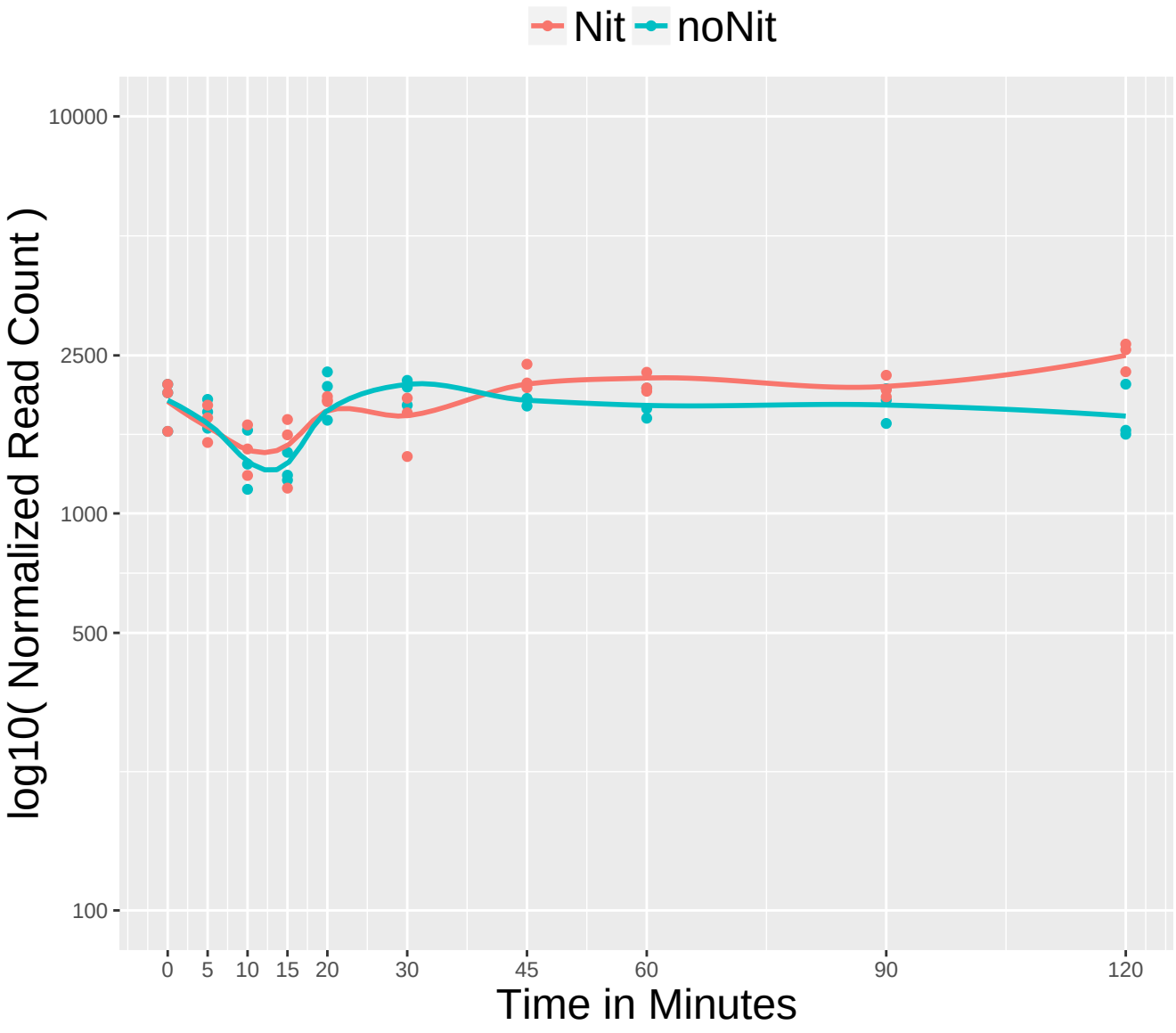
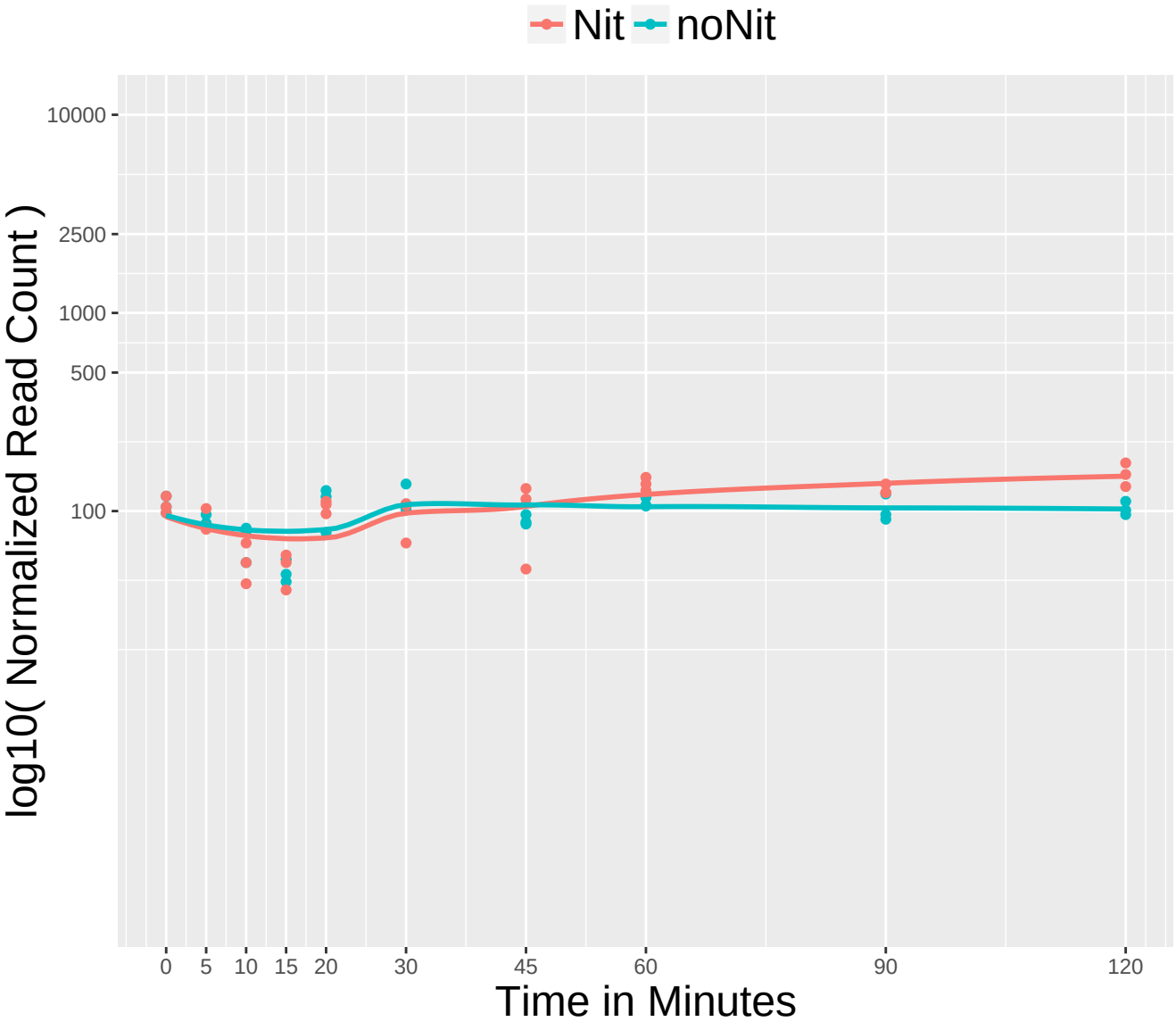
PPR596,PENTATRICOPEPTIDE



AT2G01740

Tetratricopeptide



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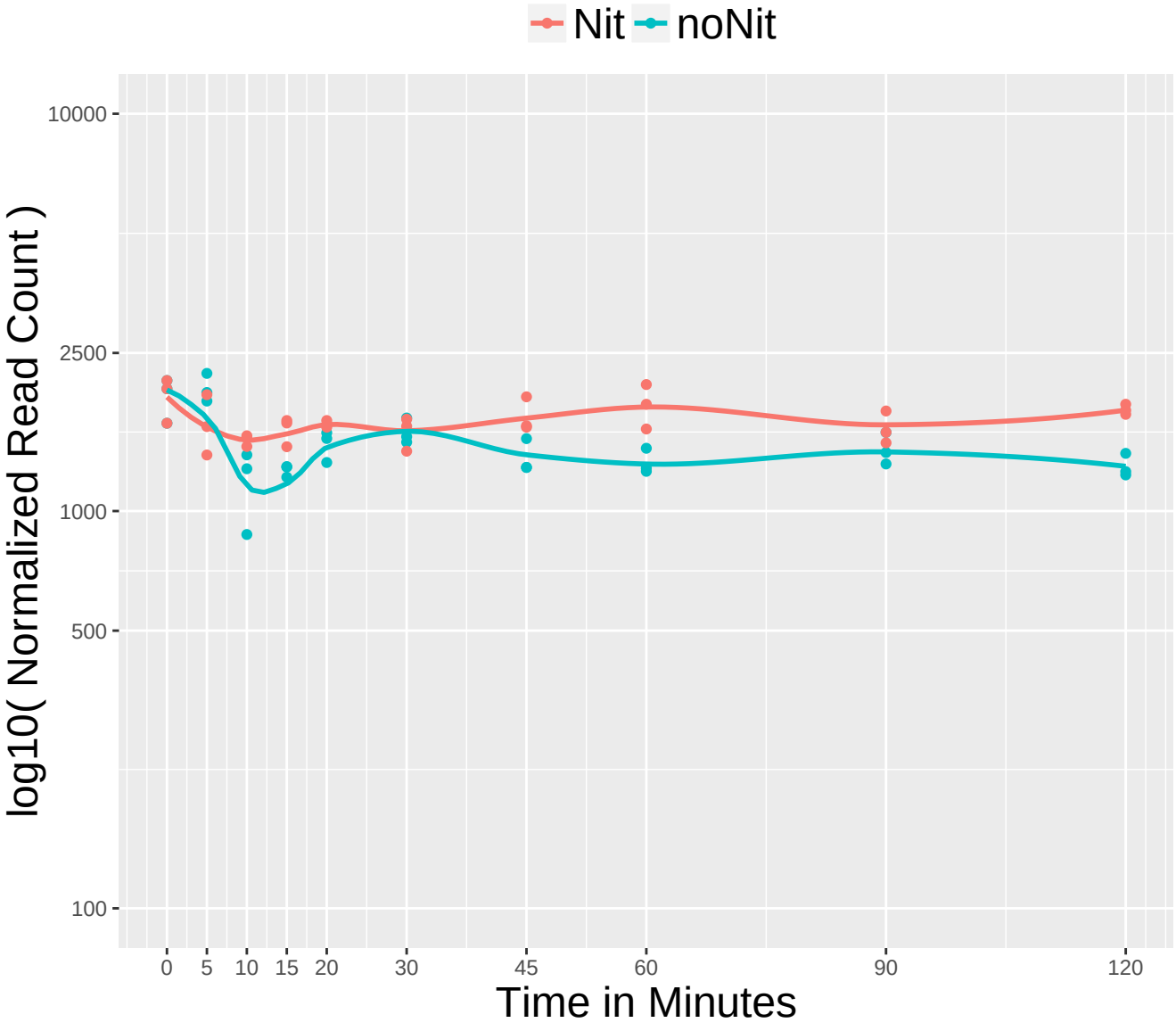

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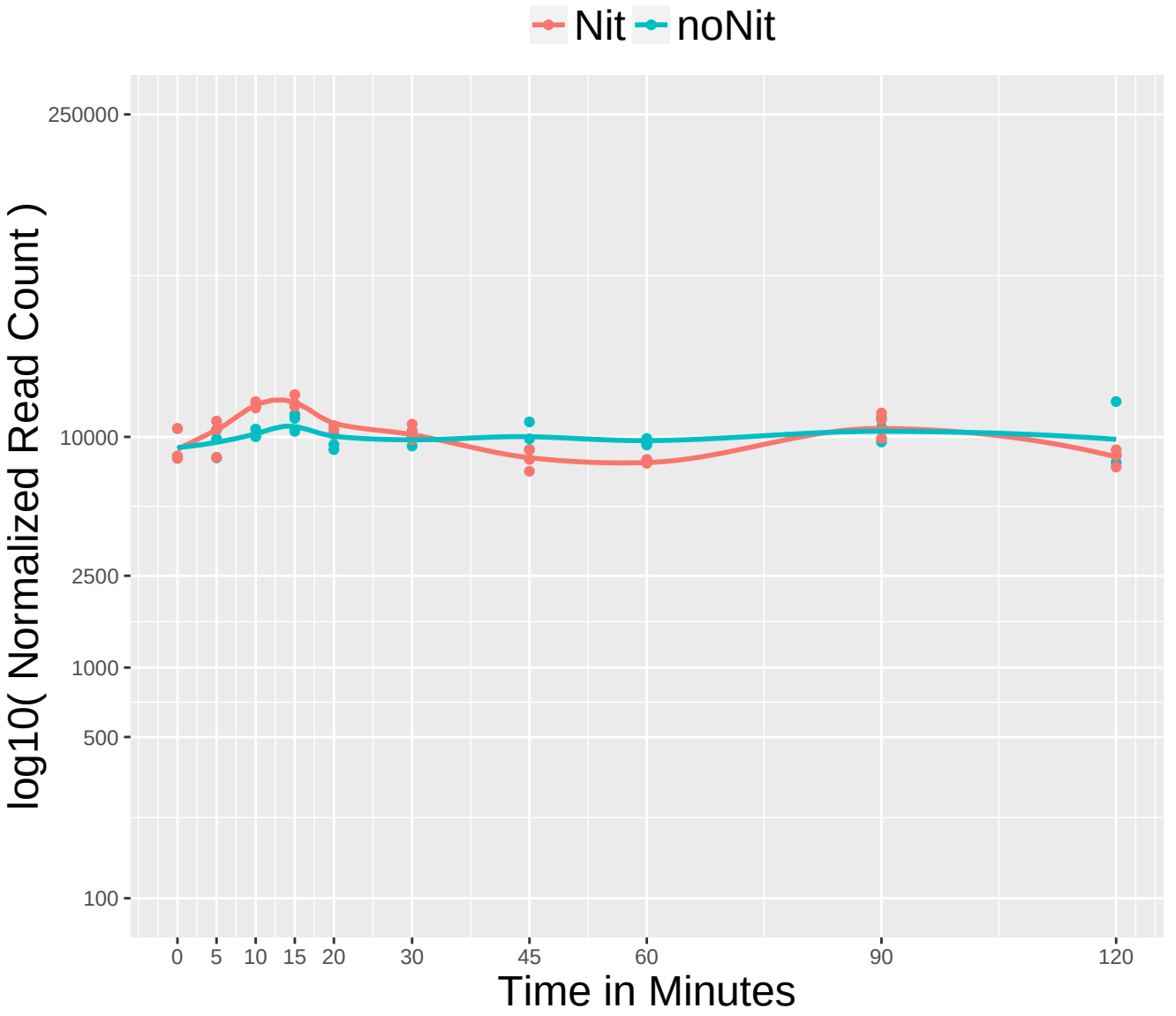
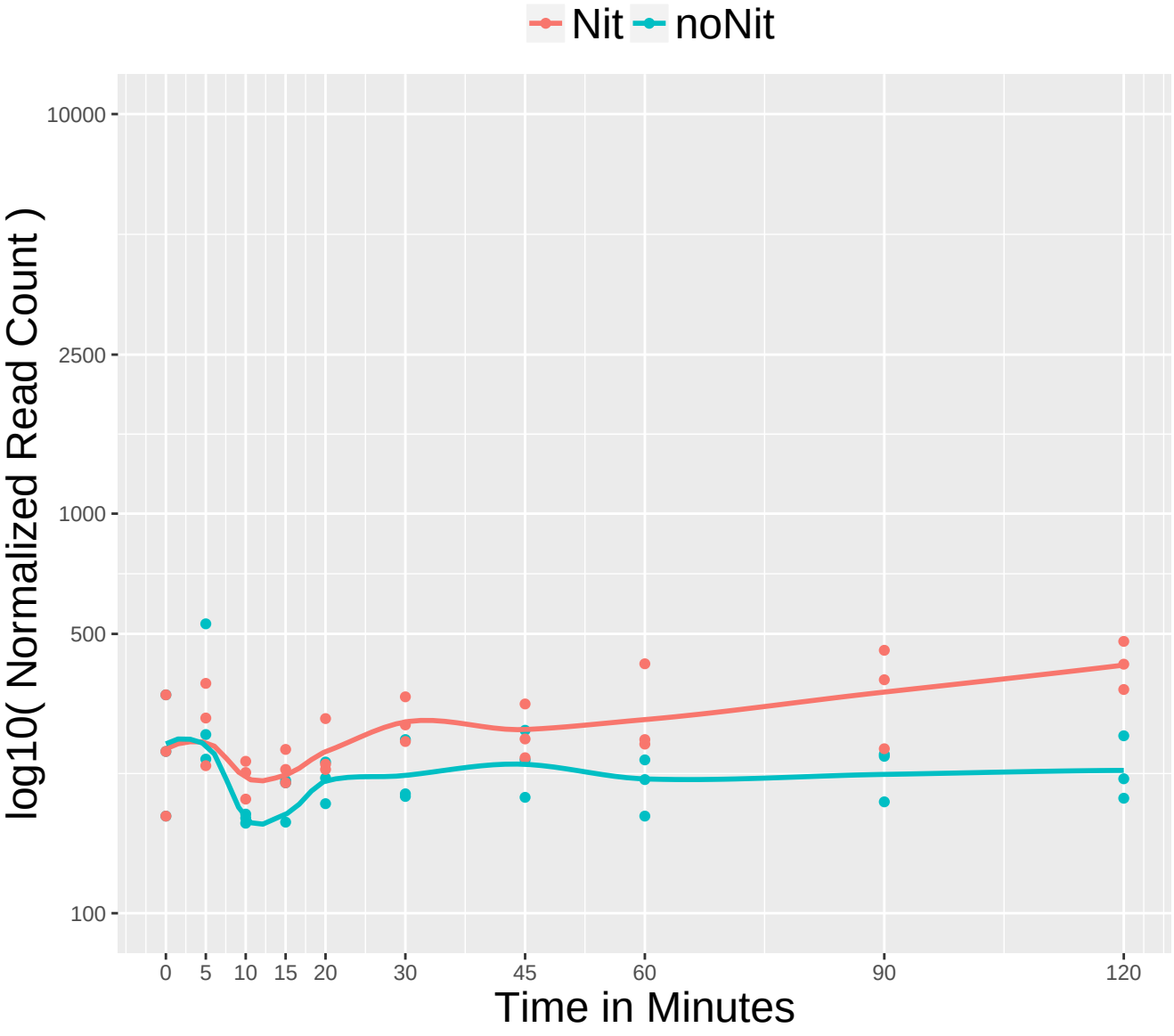


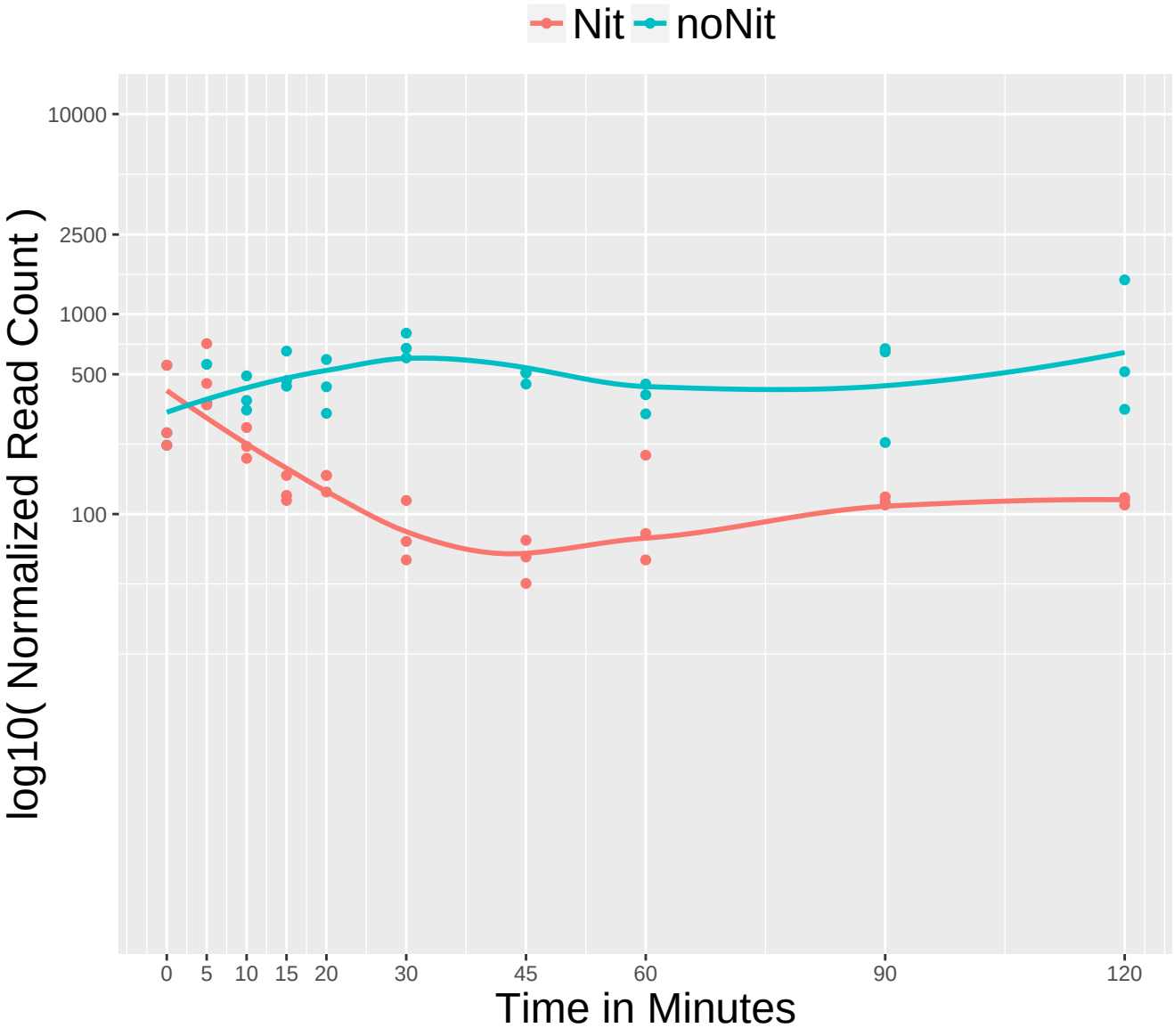
AT2G46220

Uncharacterized



AT3G02840

ARM



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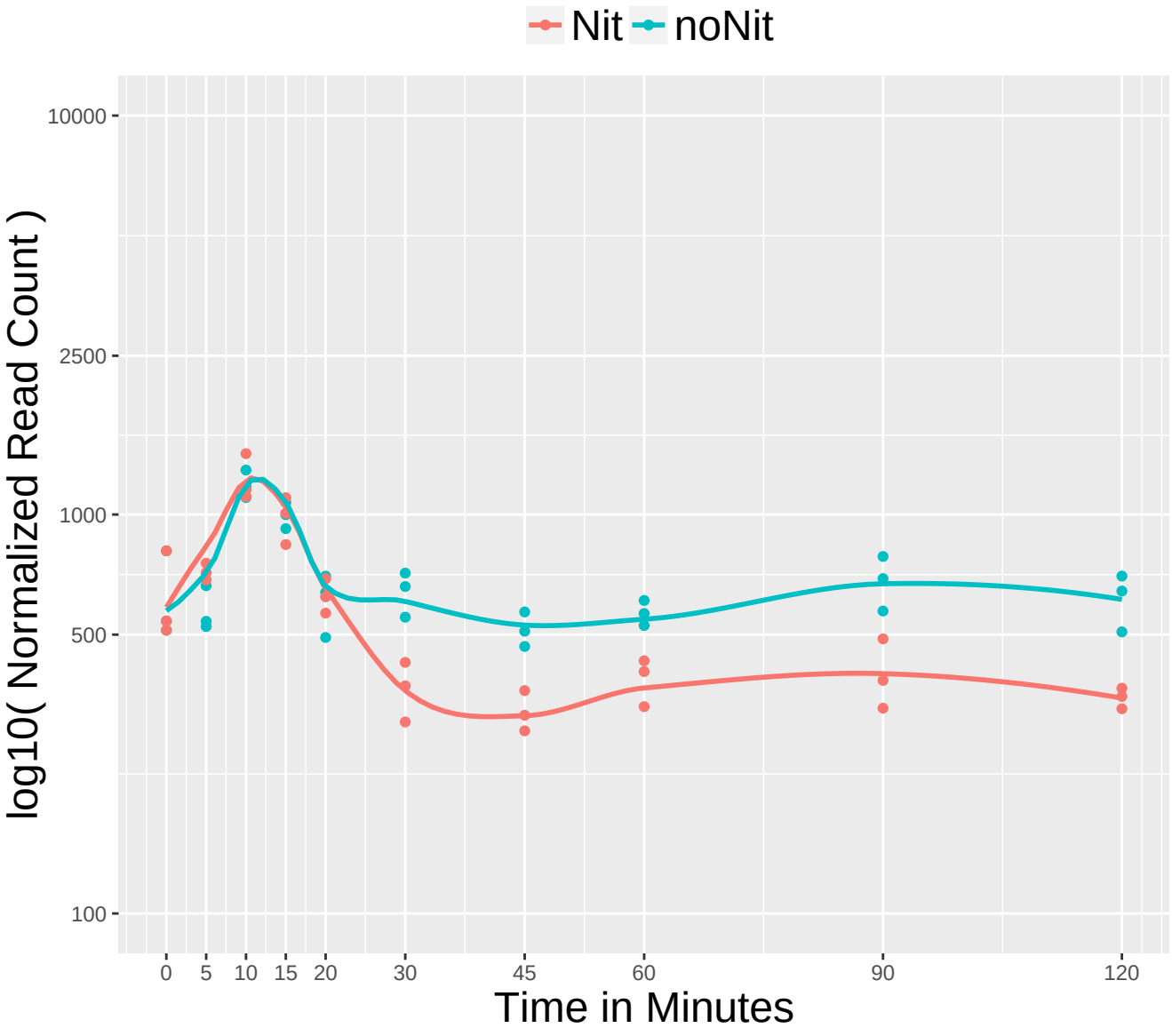
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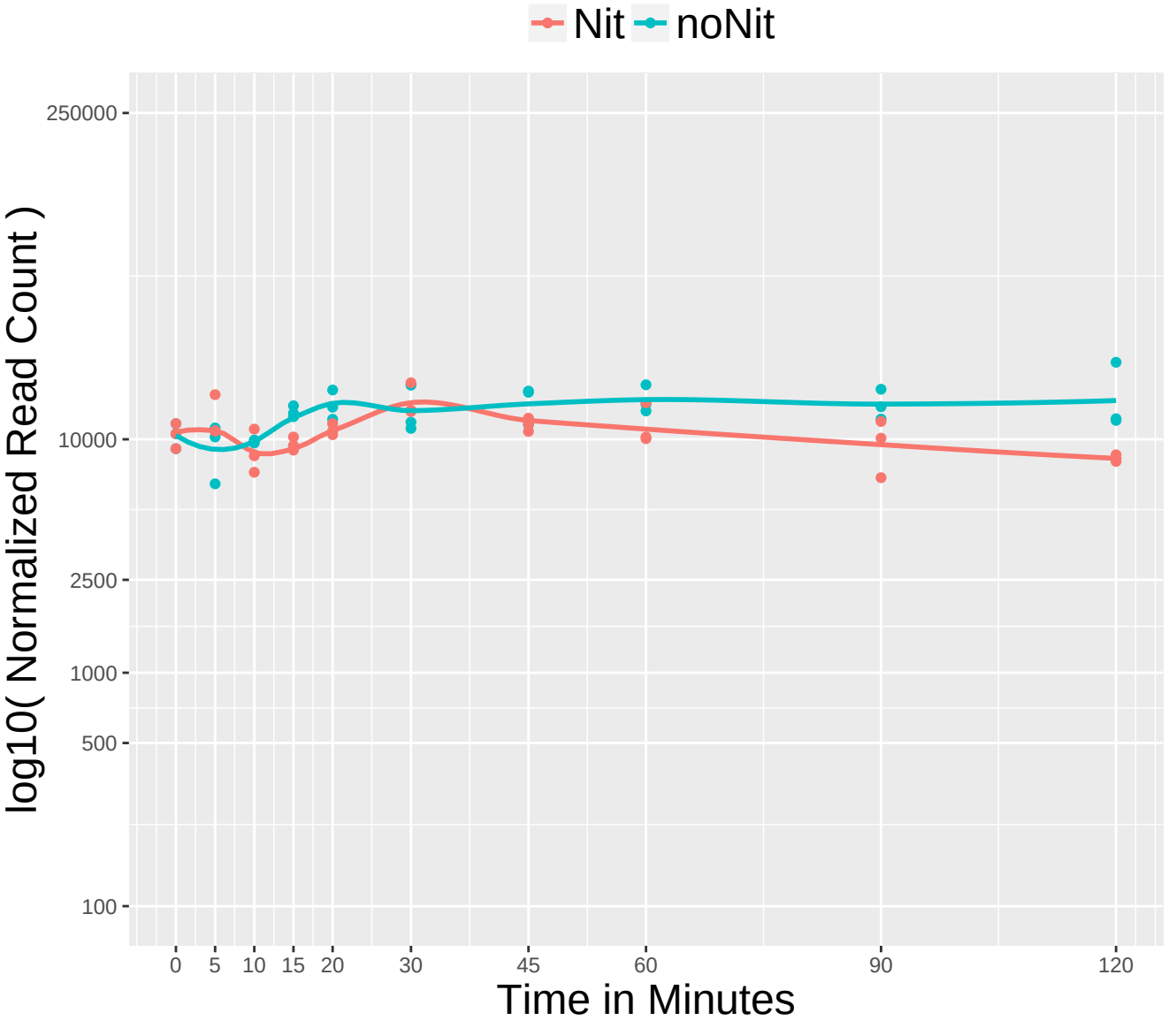
AT3G22600

Bifunctional



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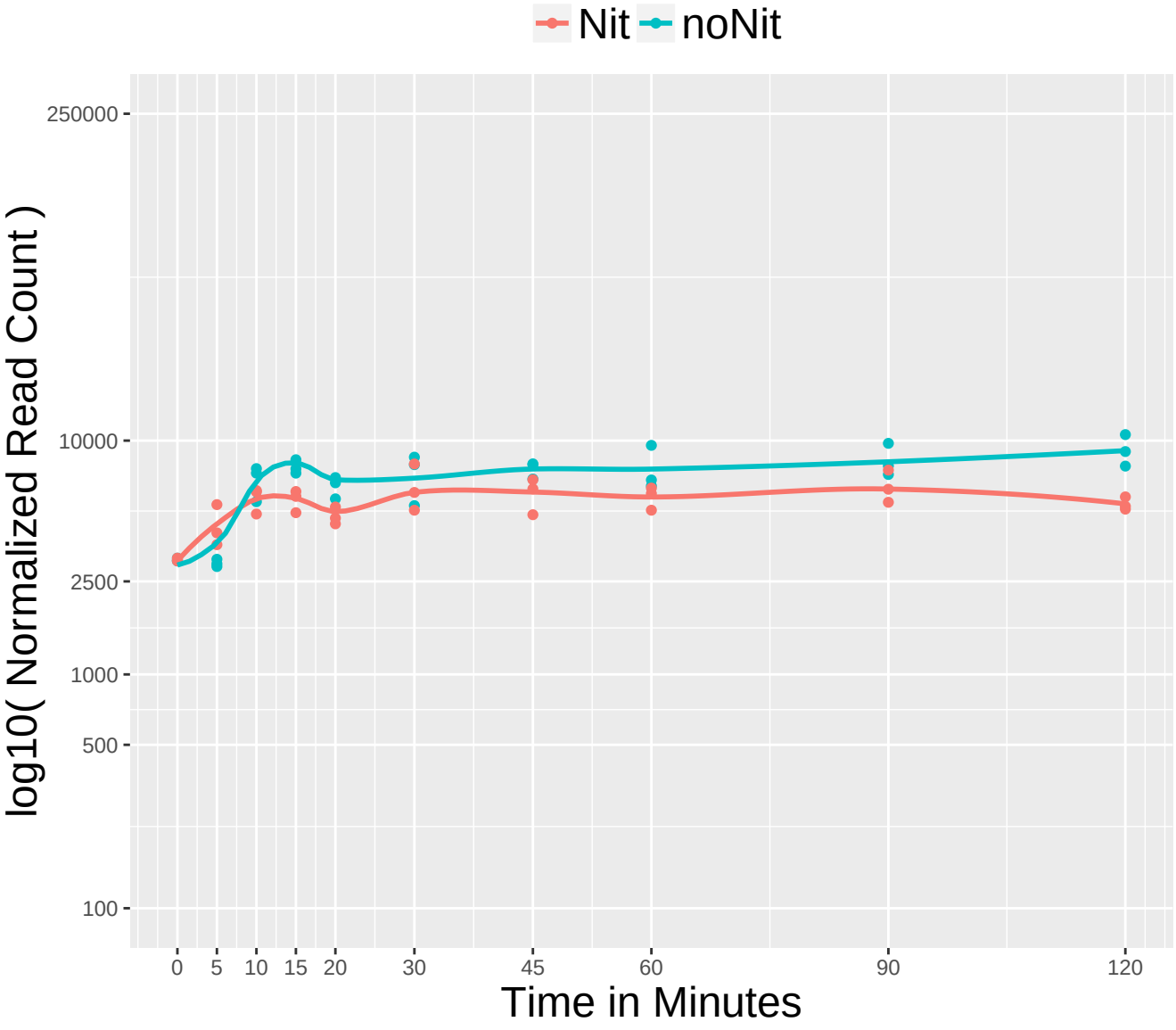
GMD2,GDP−D−MANNOSE−4,6−DEHYDRATASE



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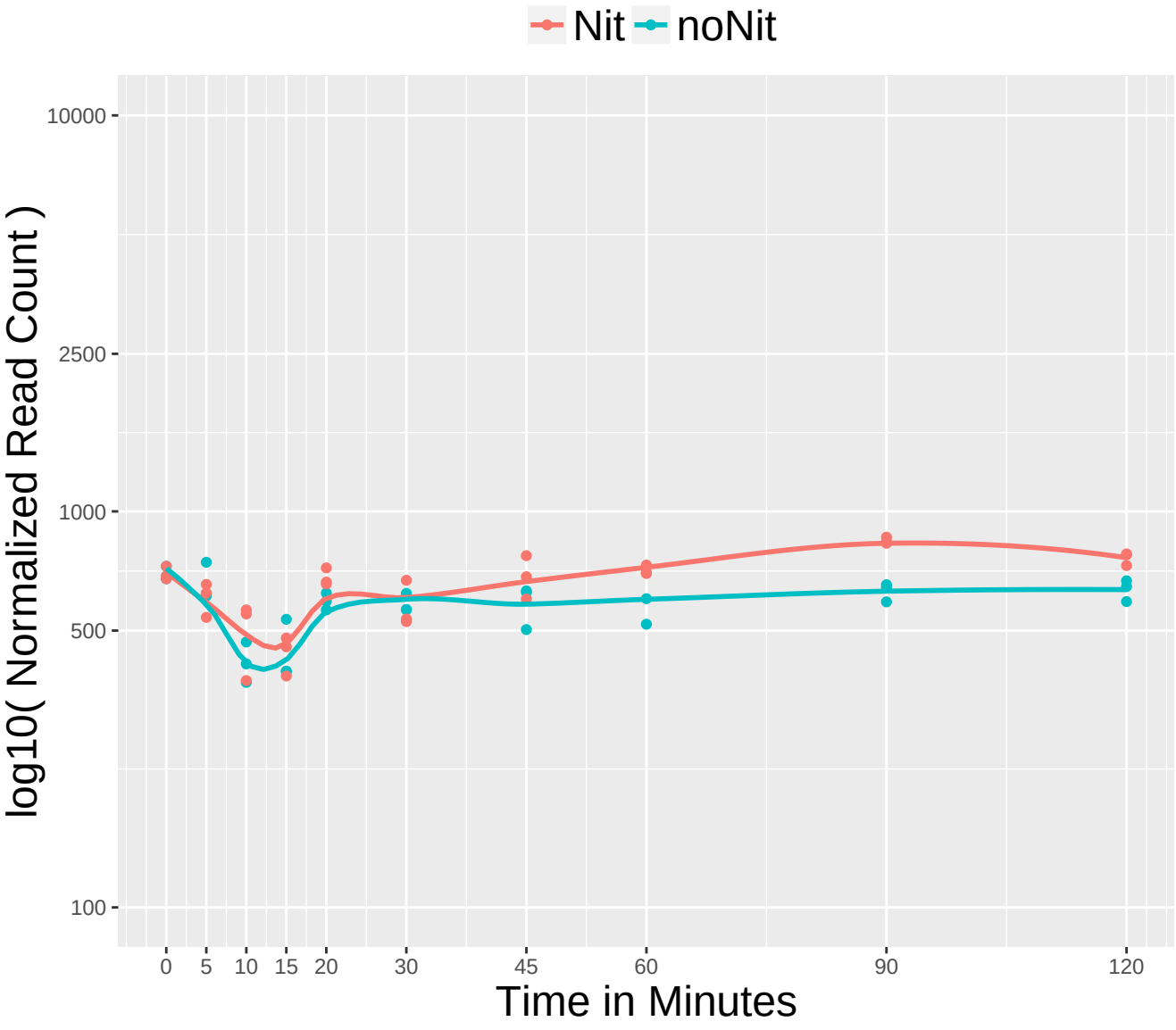
CIP4.1,COP1−interacting



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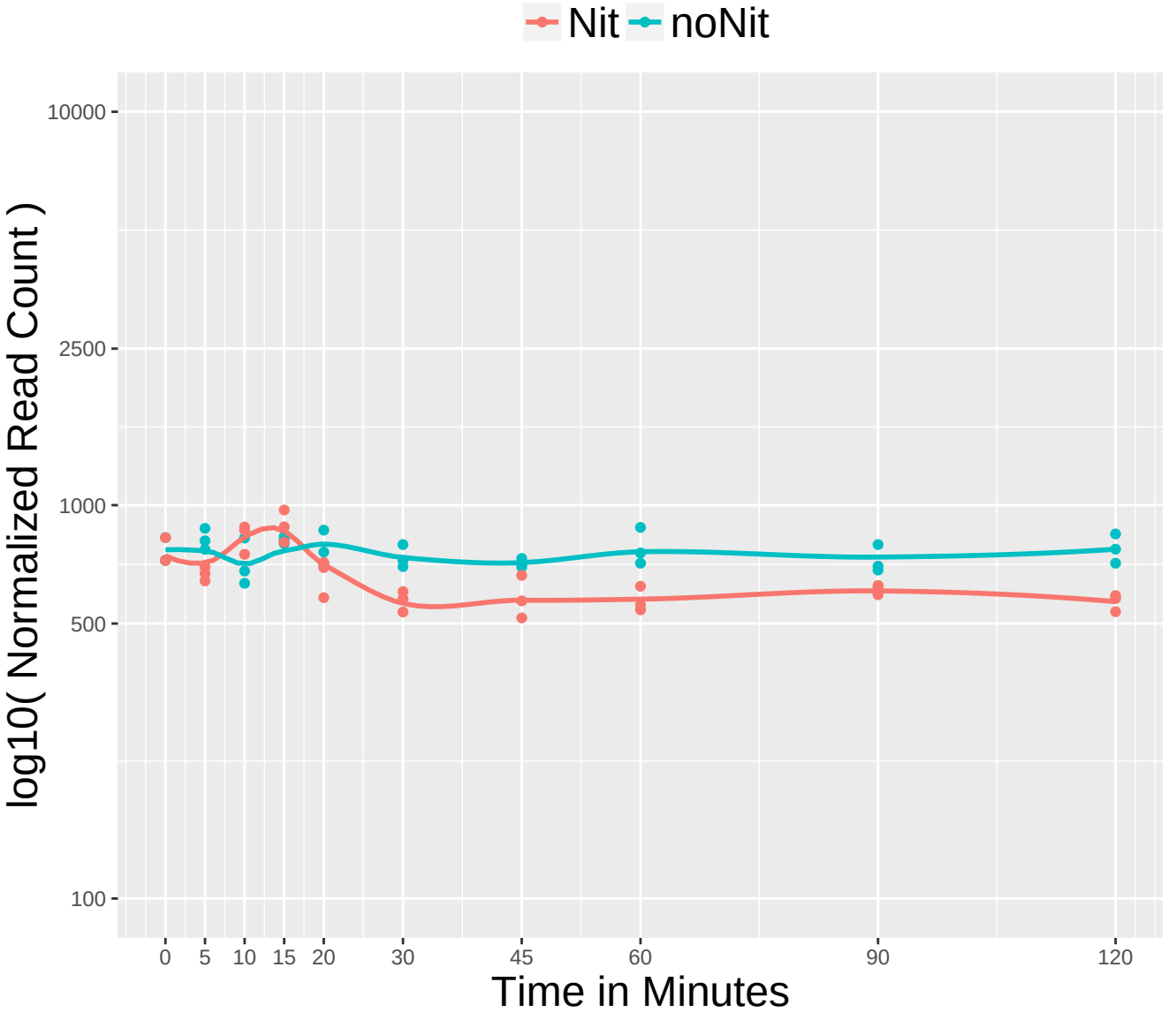
−LIKE,ACD1−like,PTC52,PROTOCHLOROPHYLLIDE−D



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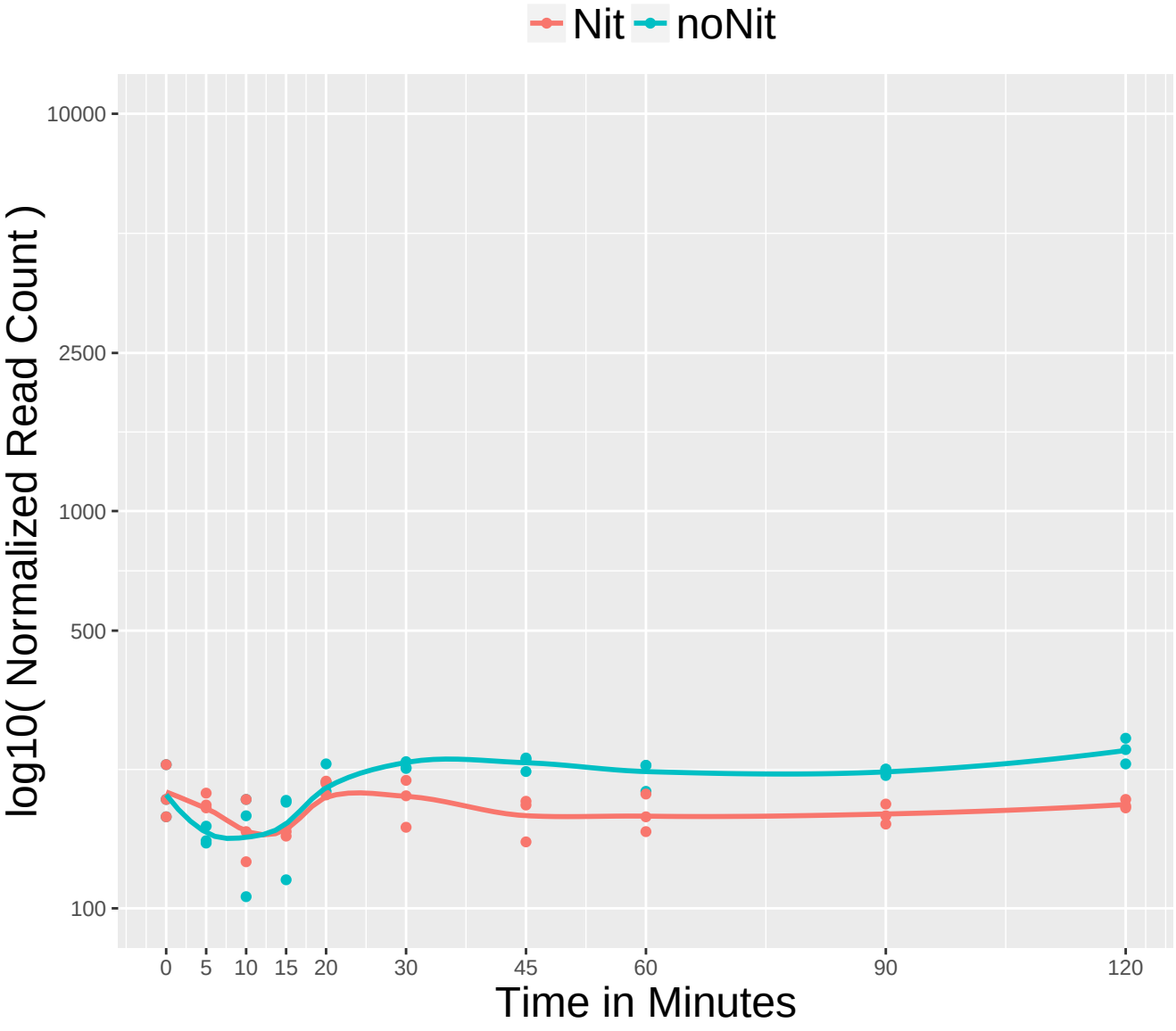

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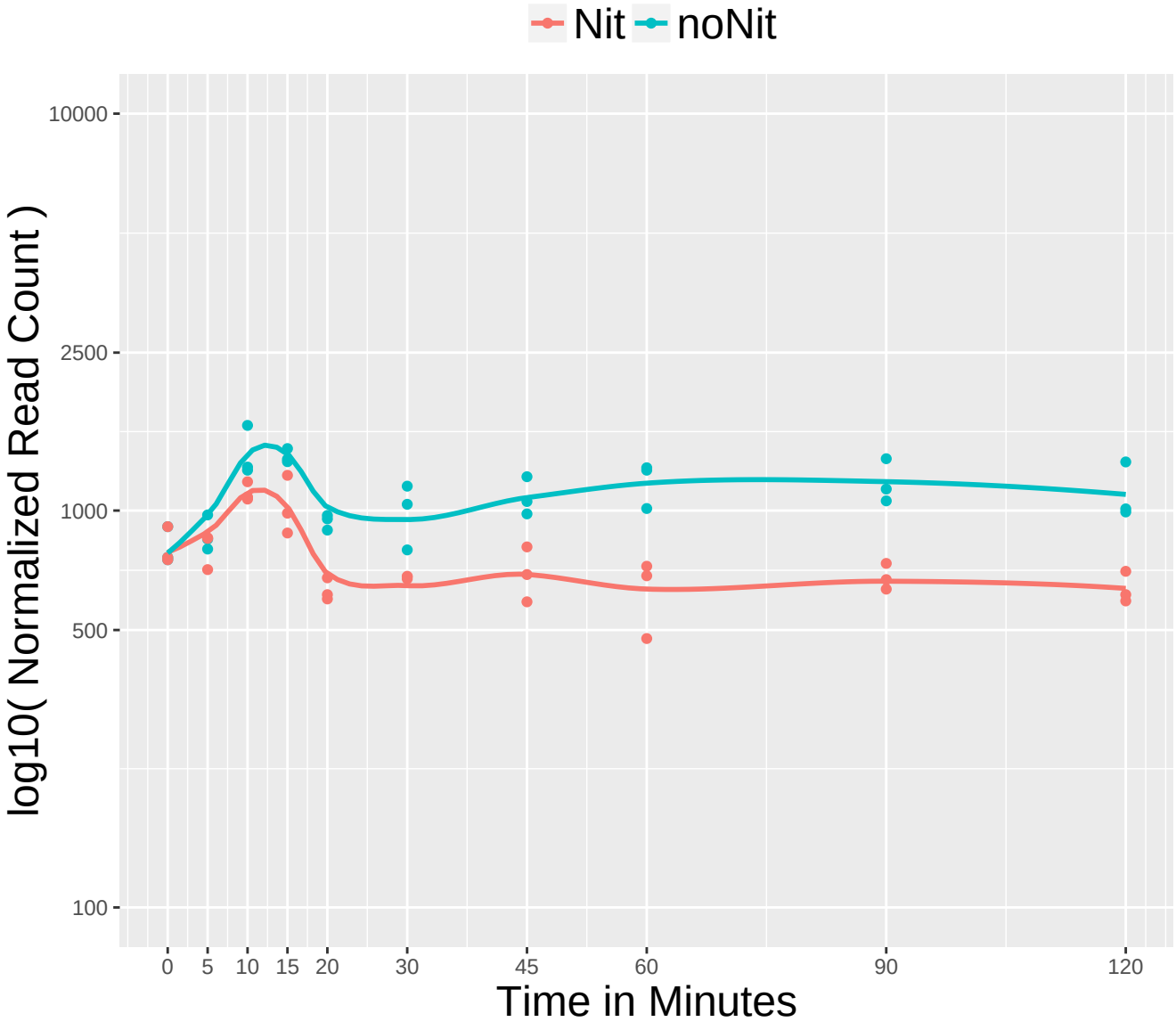
LECRKA4.3,lectin



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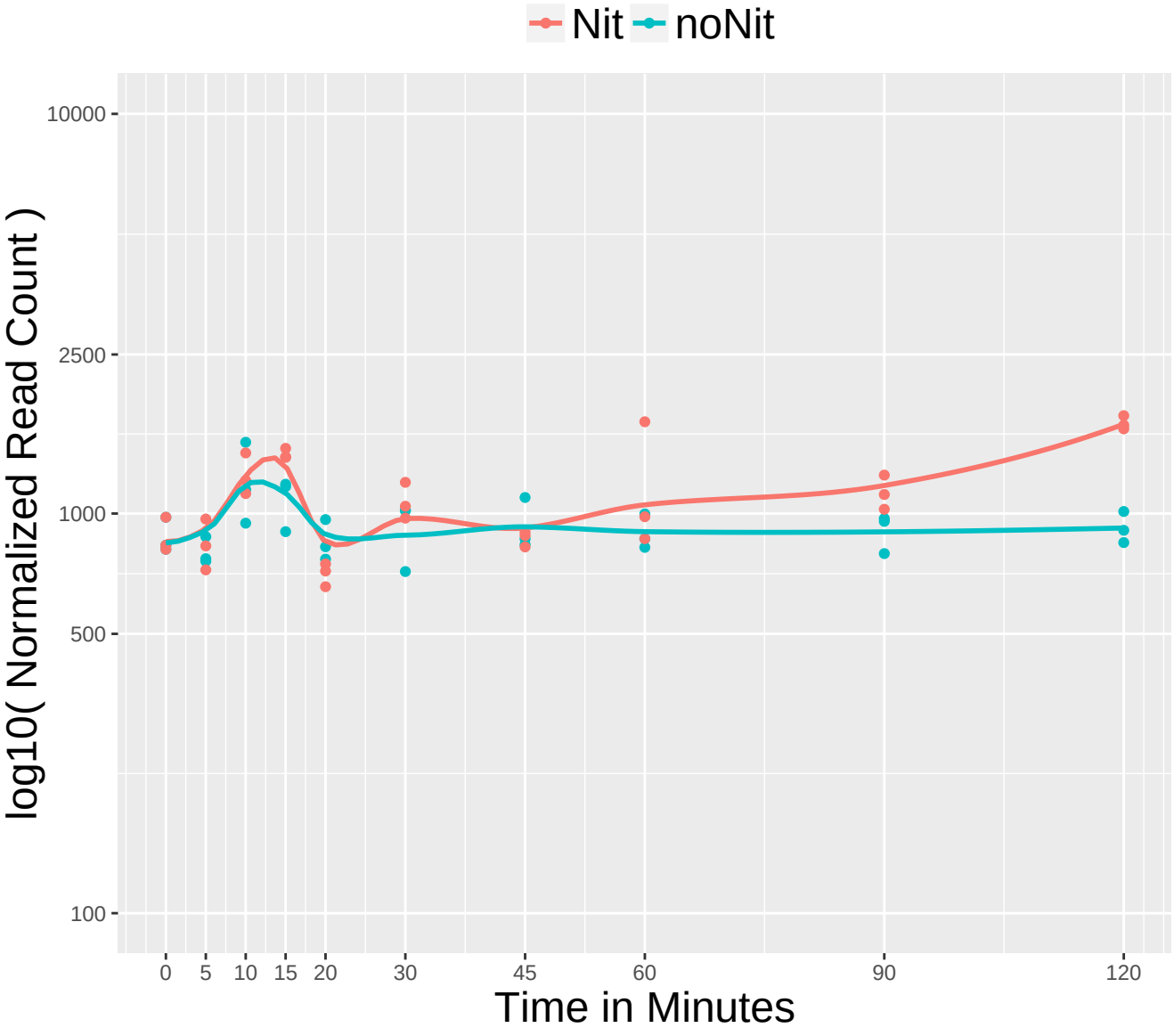

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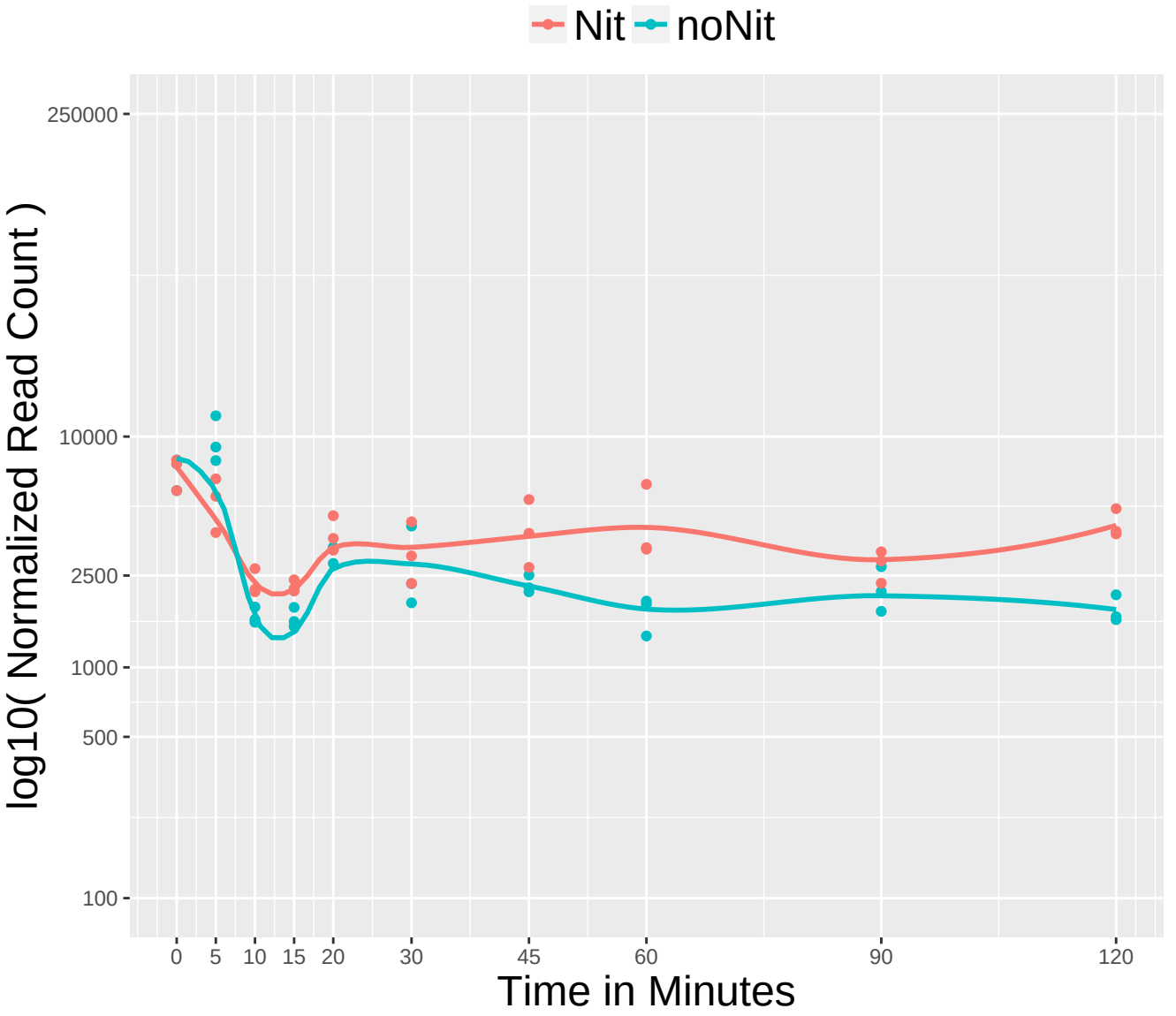

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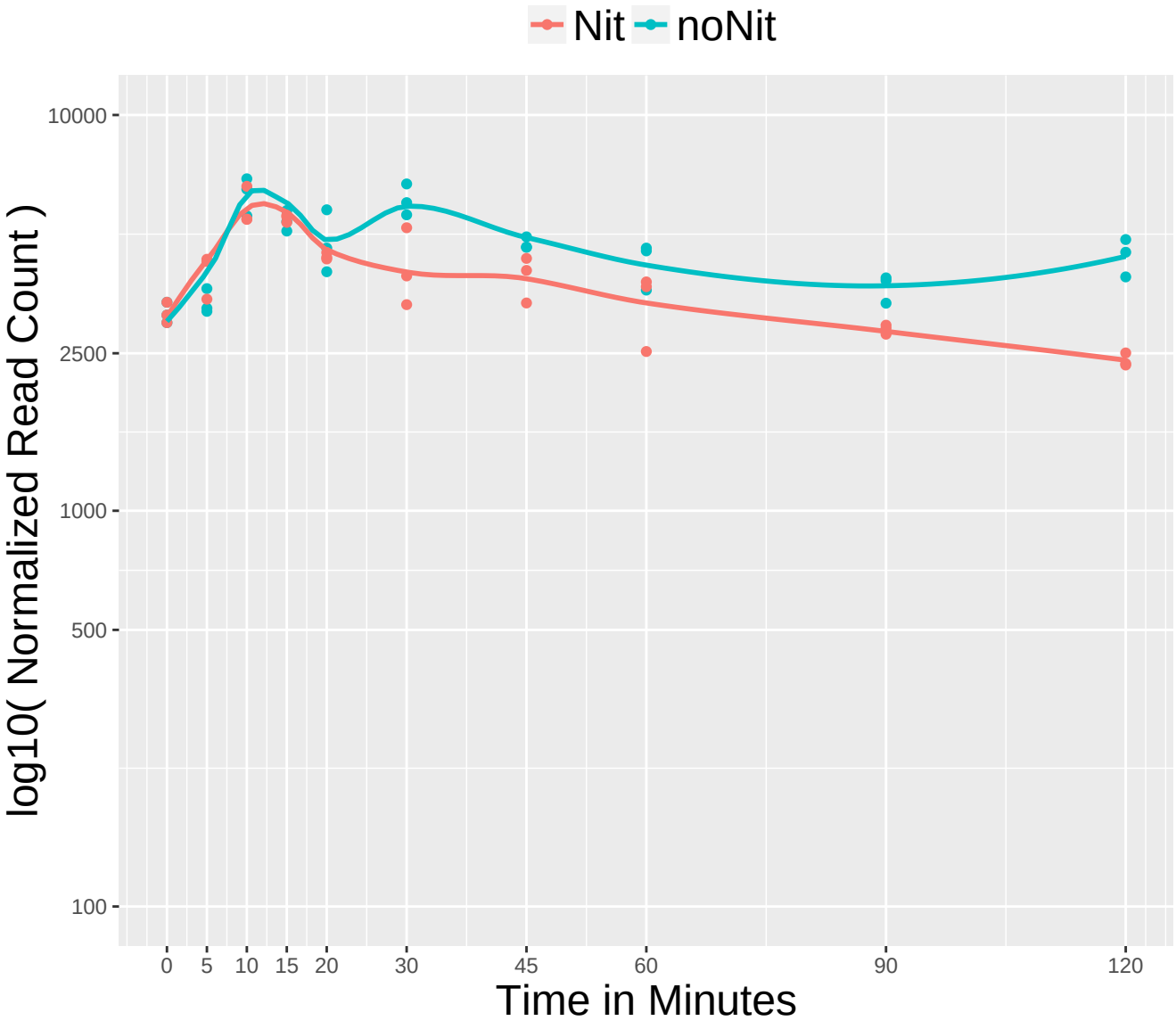

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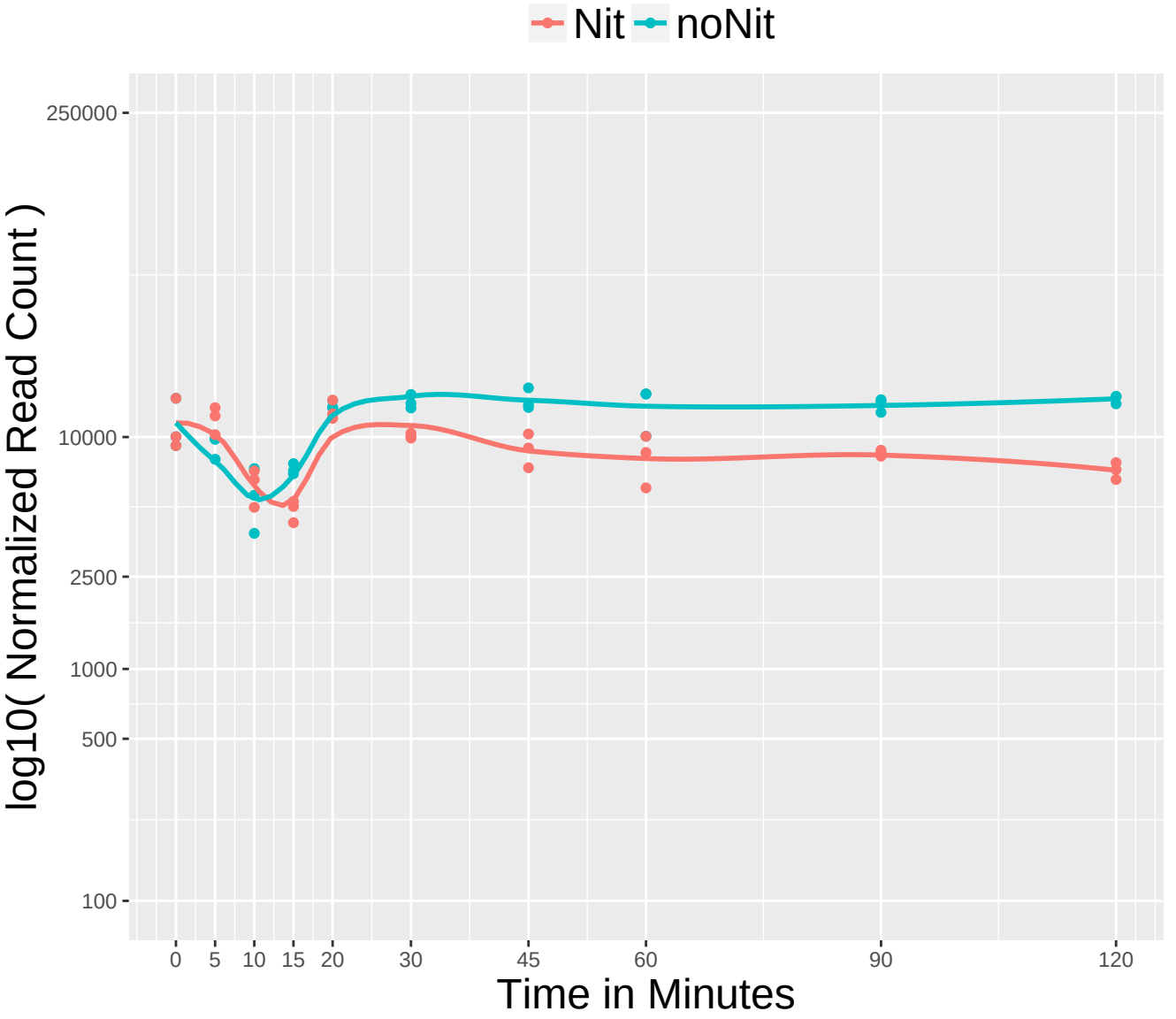
CESA6,cellulose



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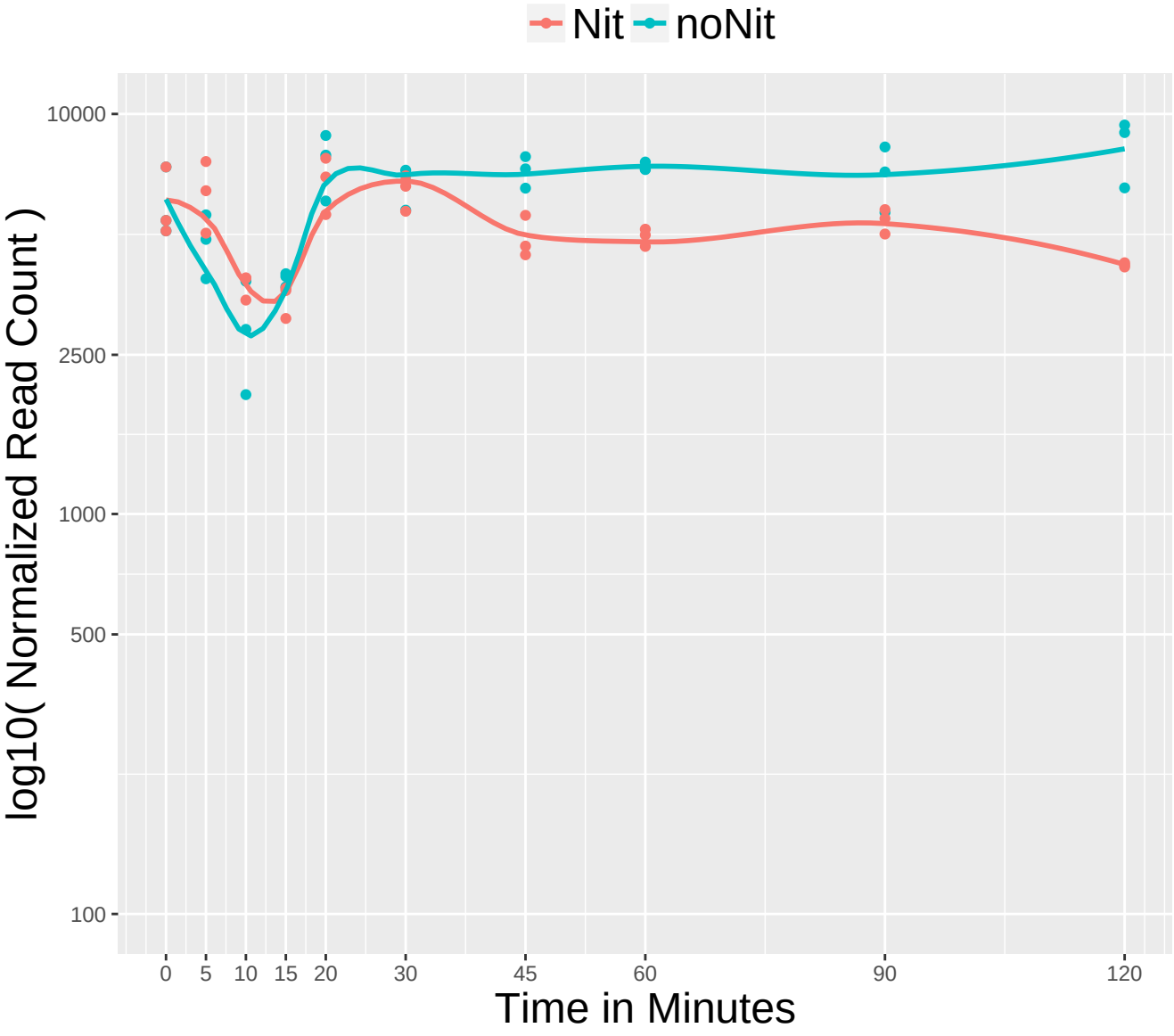
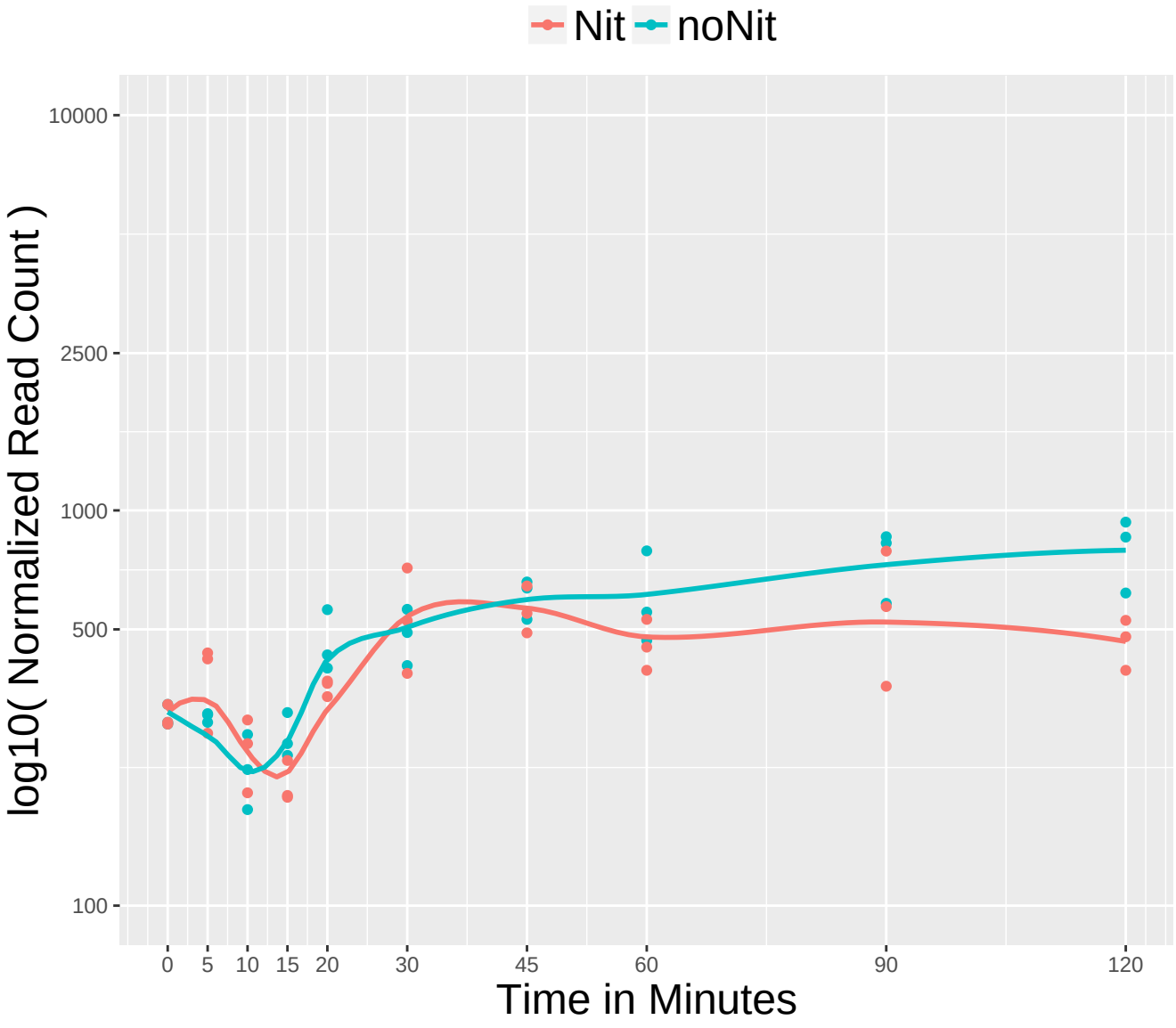
Leucine−rich



AT1G53680

ATGSTU28,glutathione



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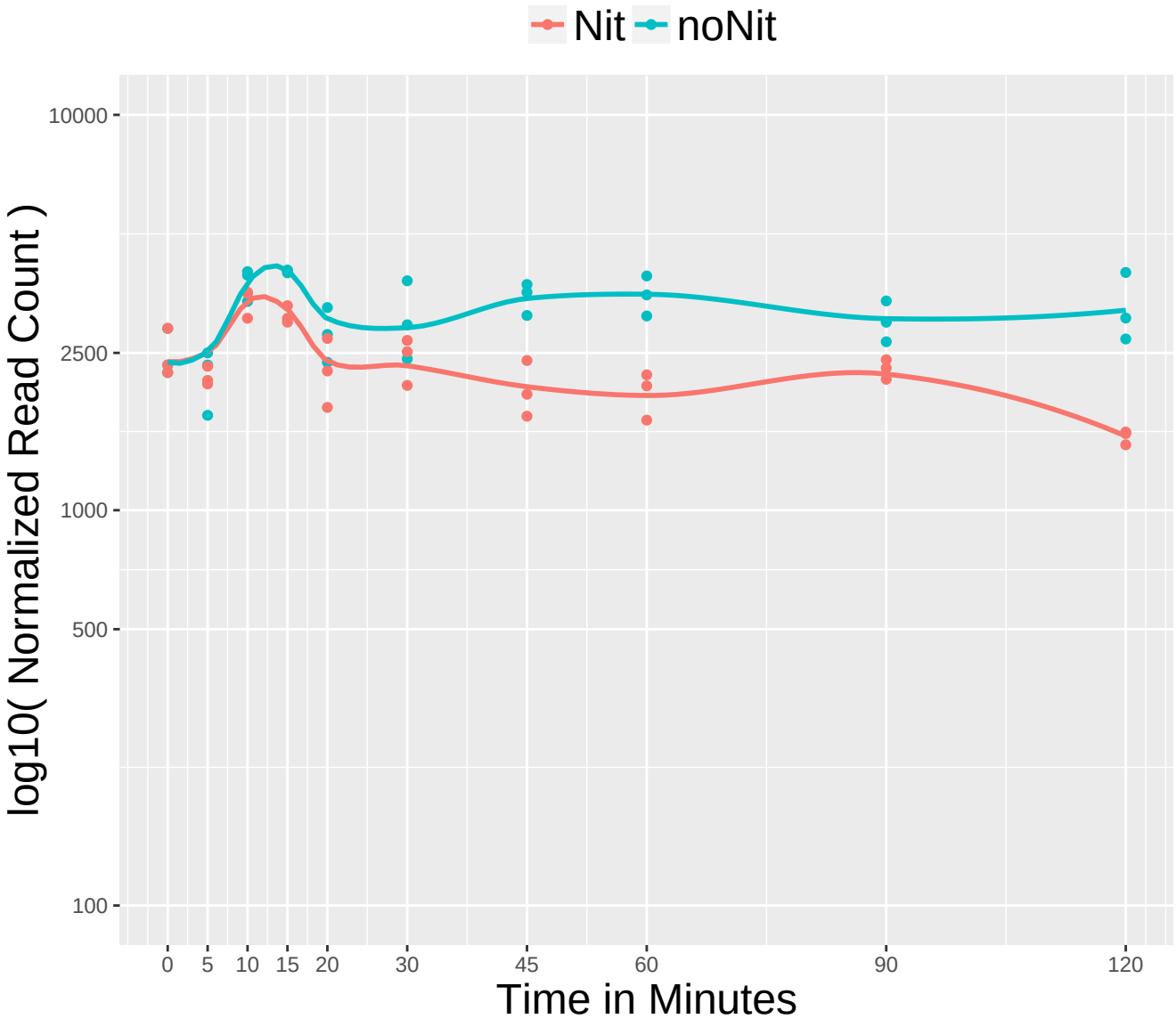
HMA5,heavy



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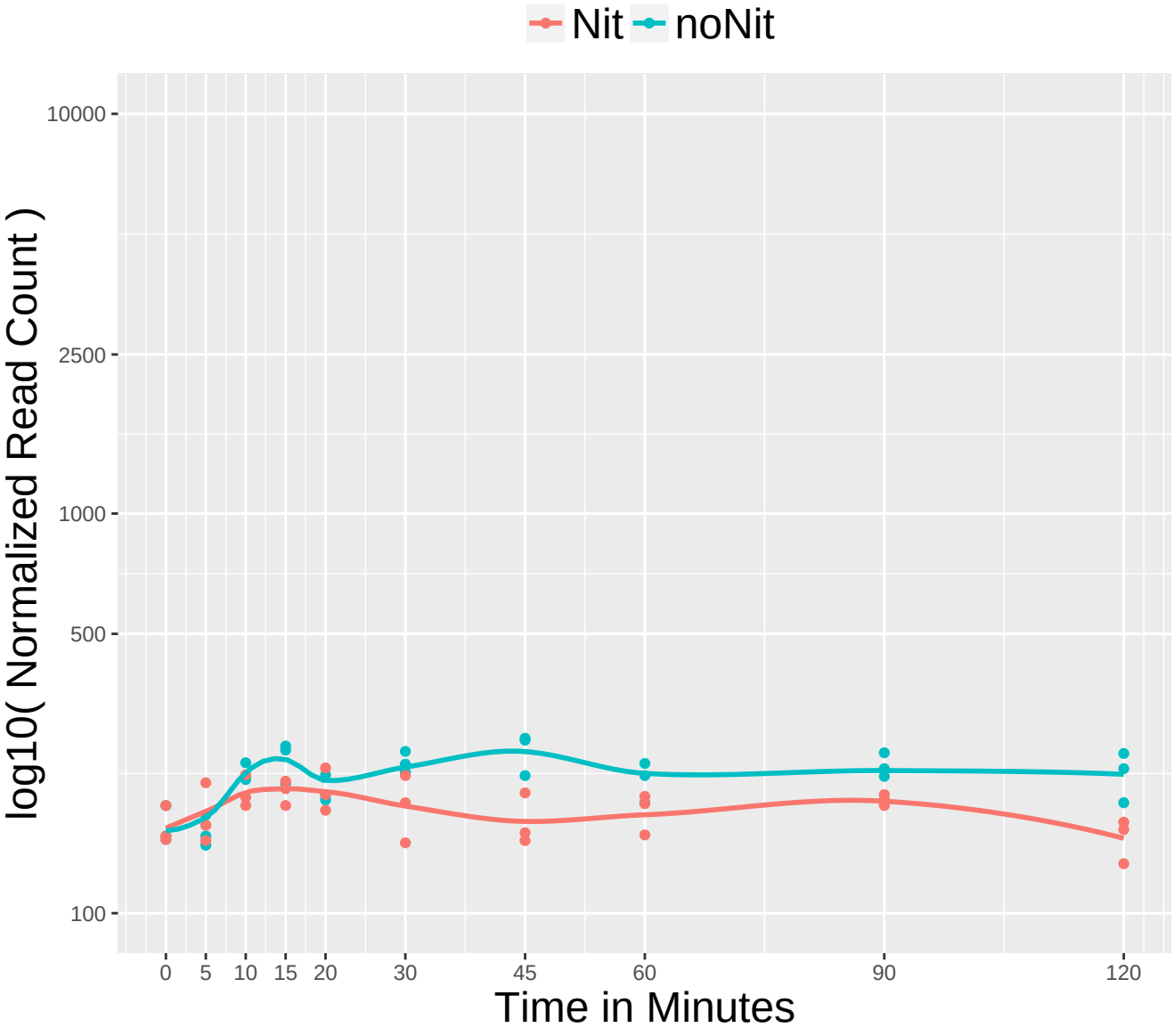

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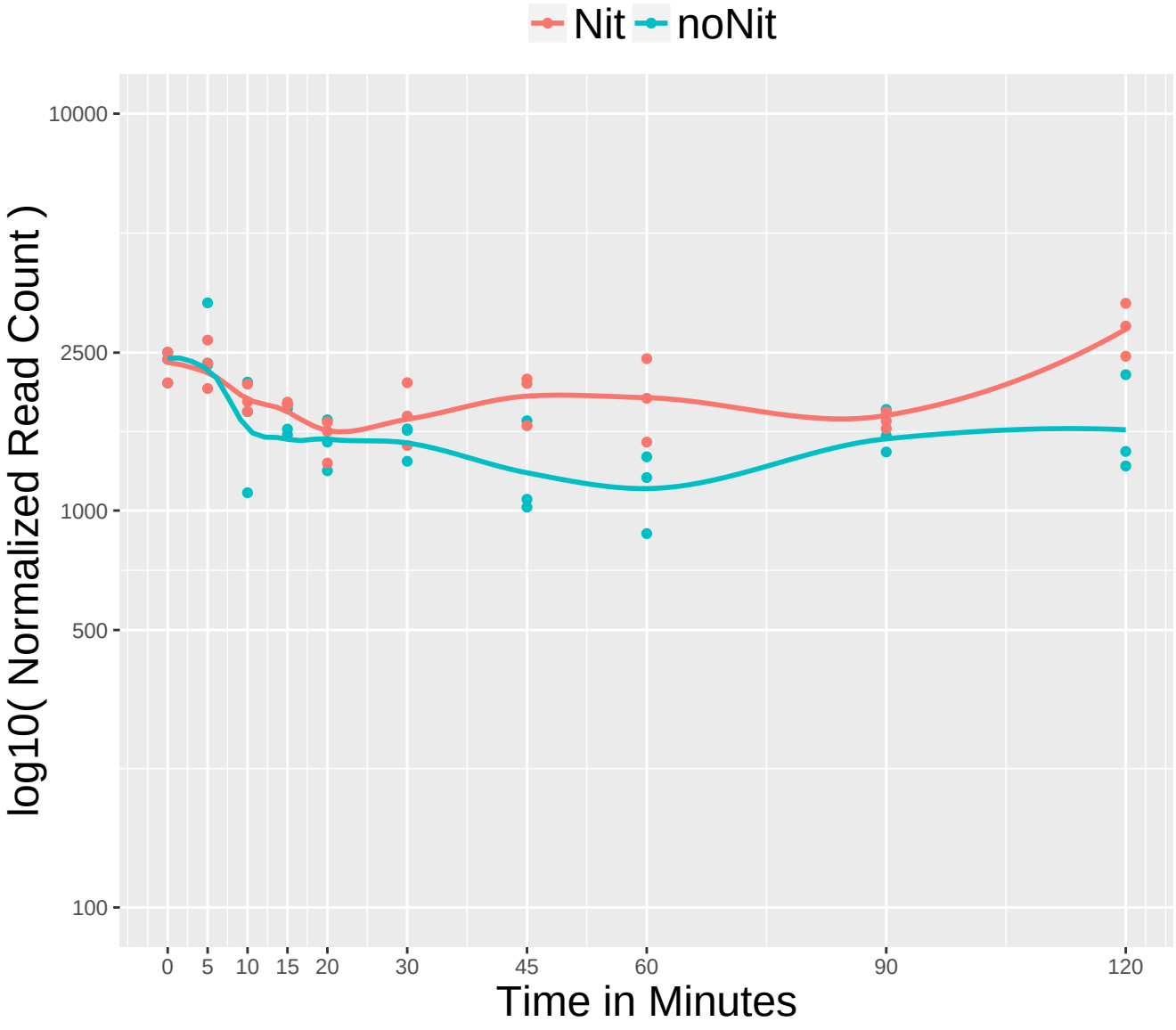
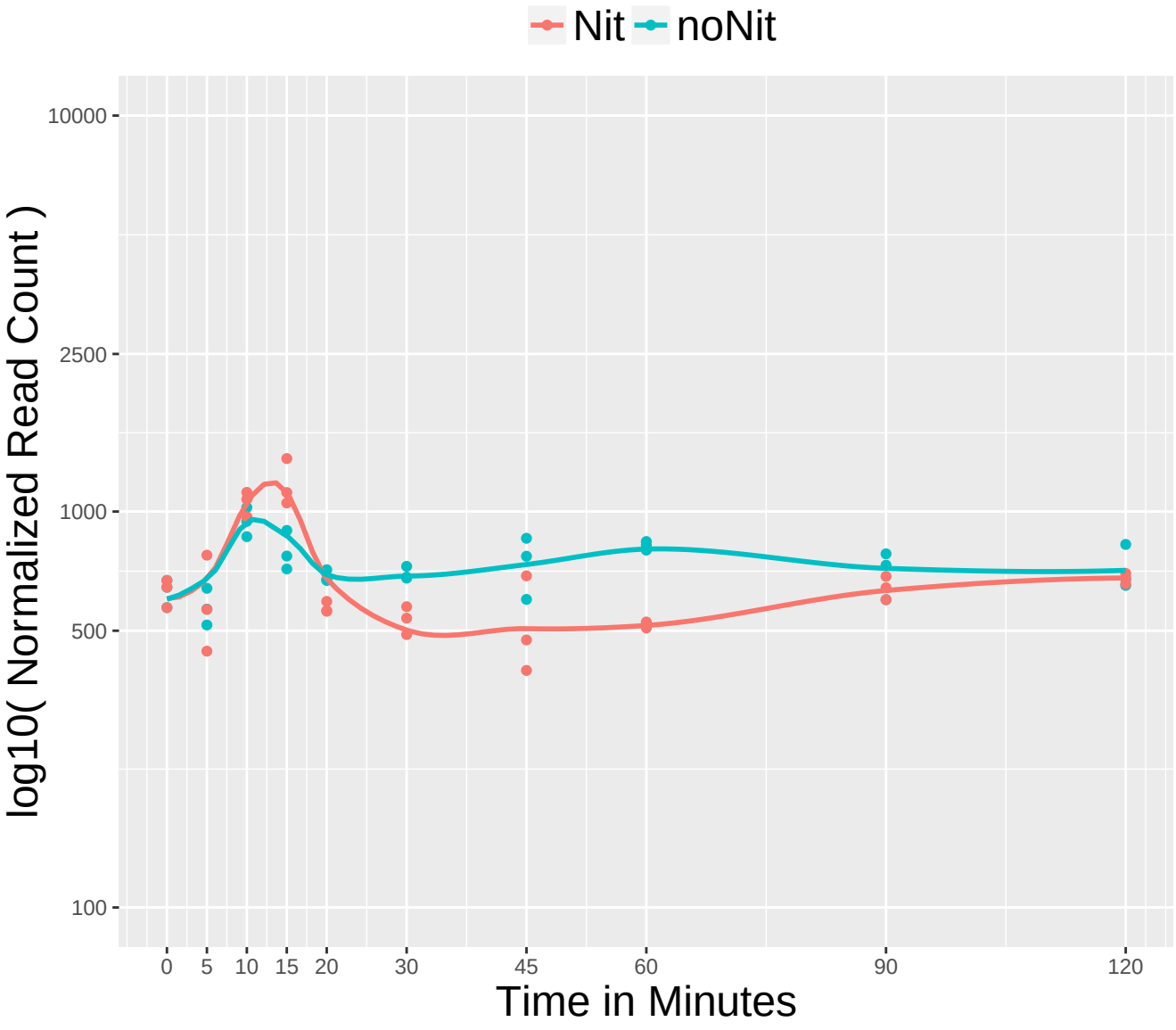
HIS4,histone



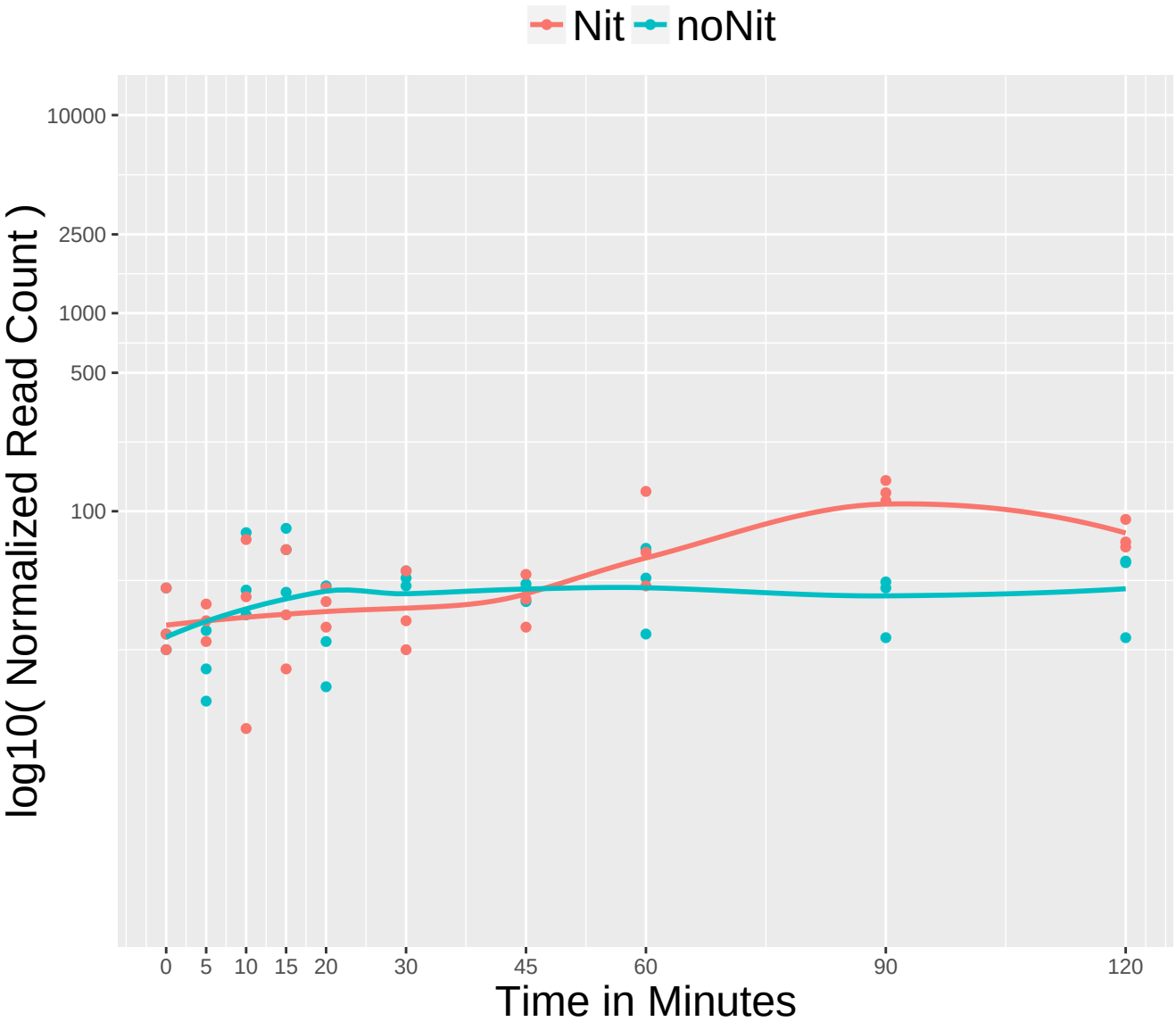
AT2G29670

Tetratricopeptide



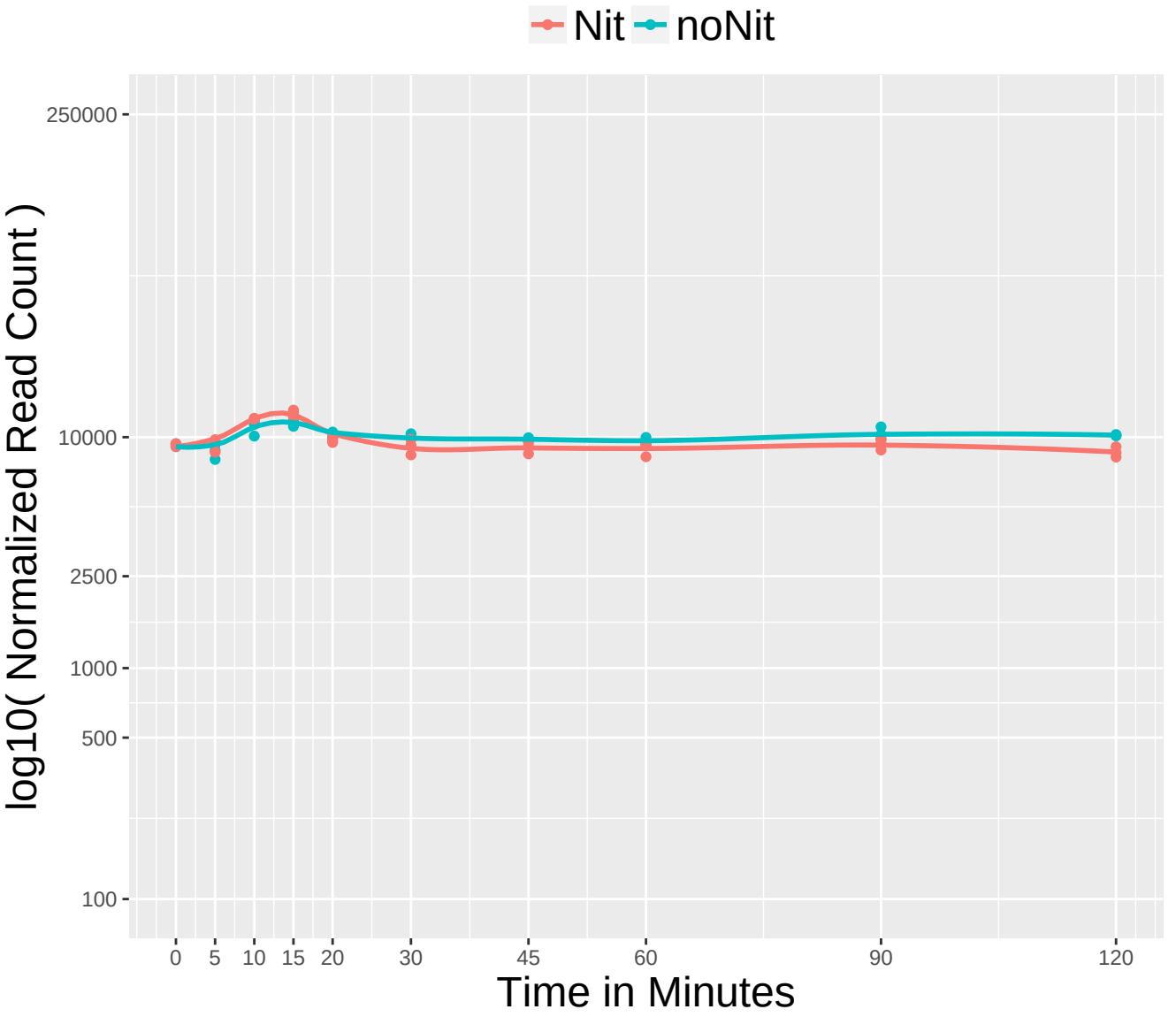
AT2G43220

Cysteine/Histidine−rich



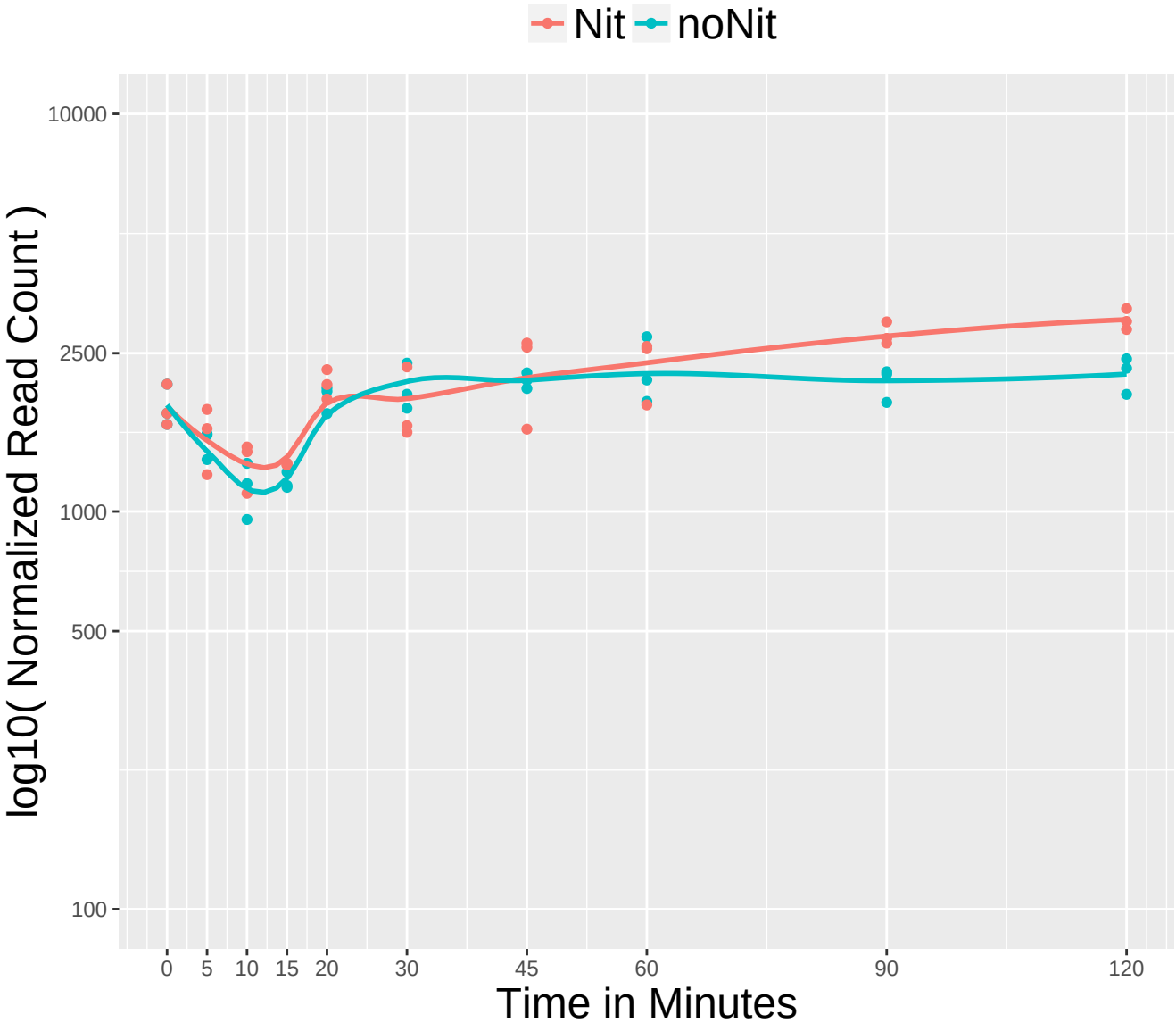
AT3G05530

ATS6A.2,,RPT5A,regulatory



AT3G57660

NRPA1,nuclear



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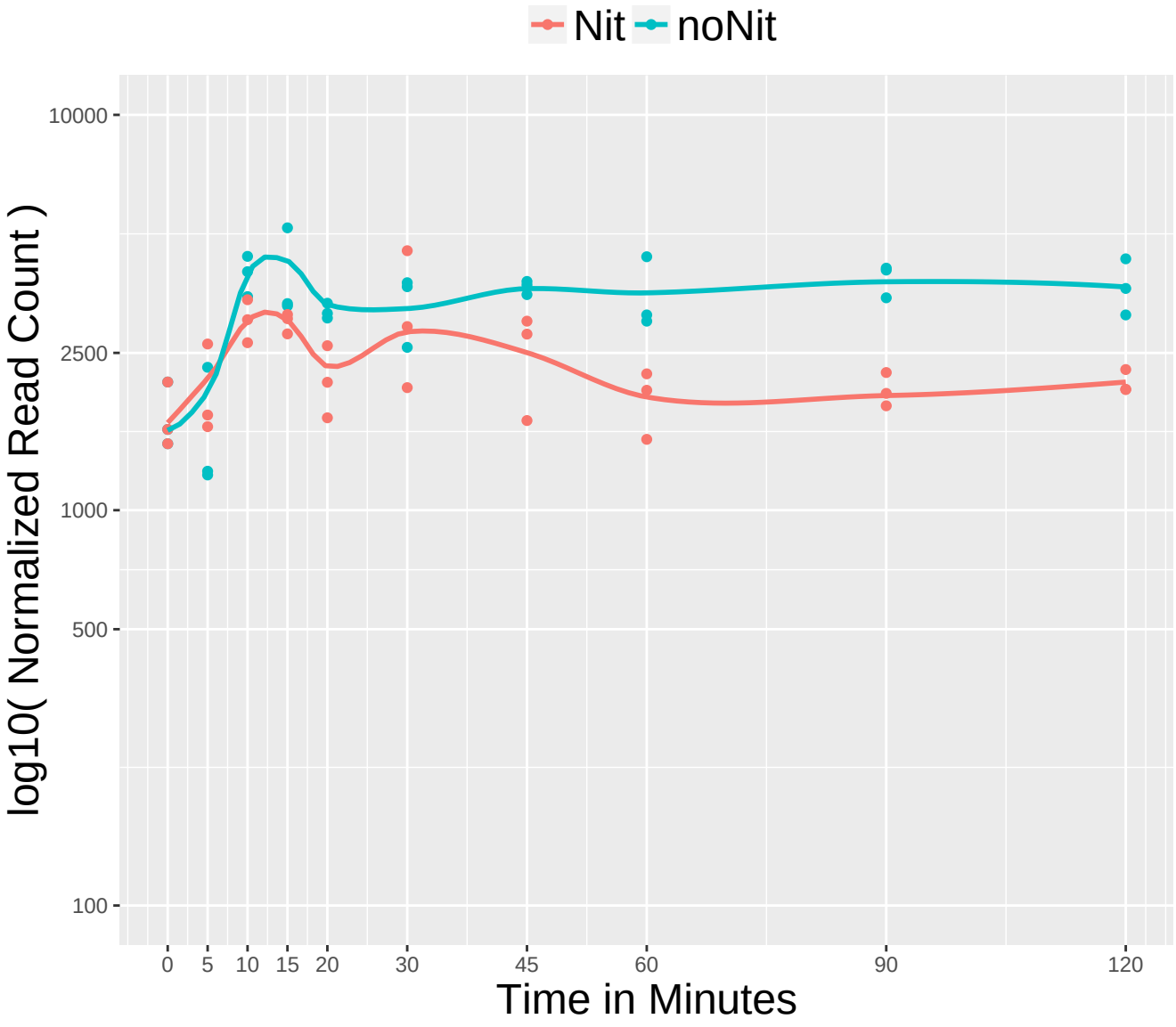
UMAMIT17,Usually



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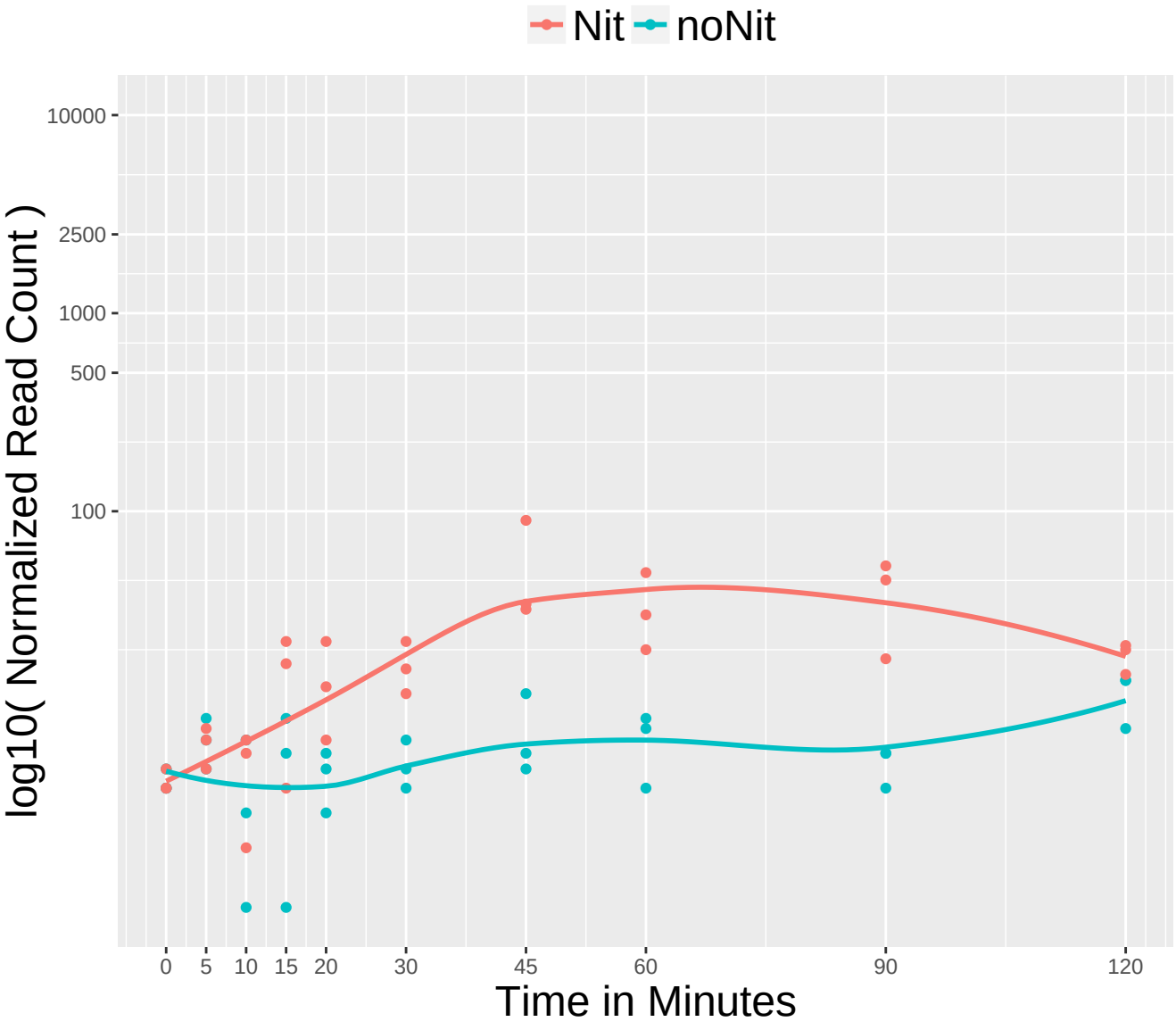
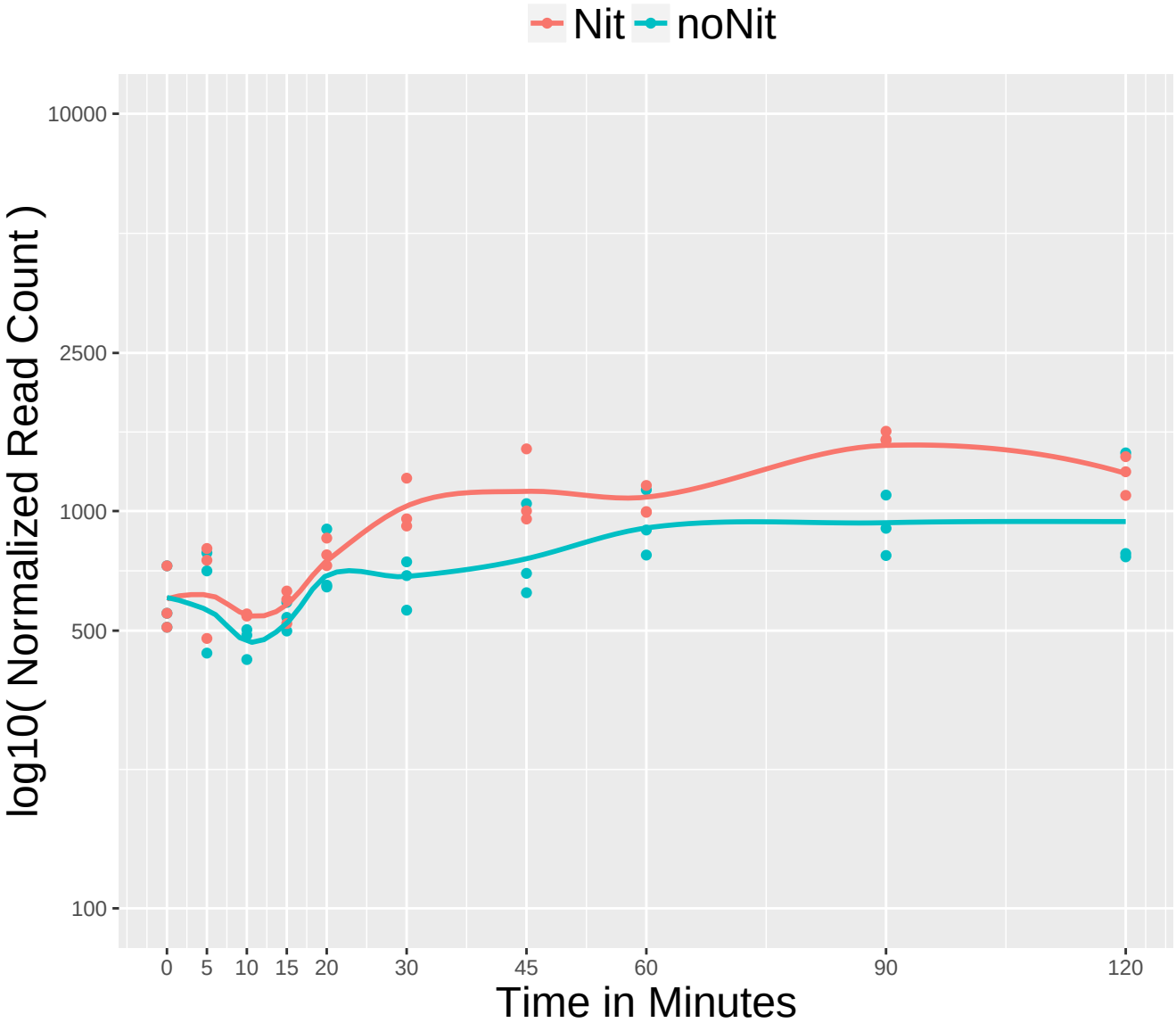
CRK30,cysteine−rich

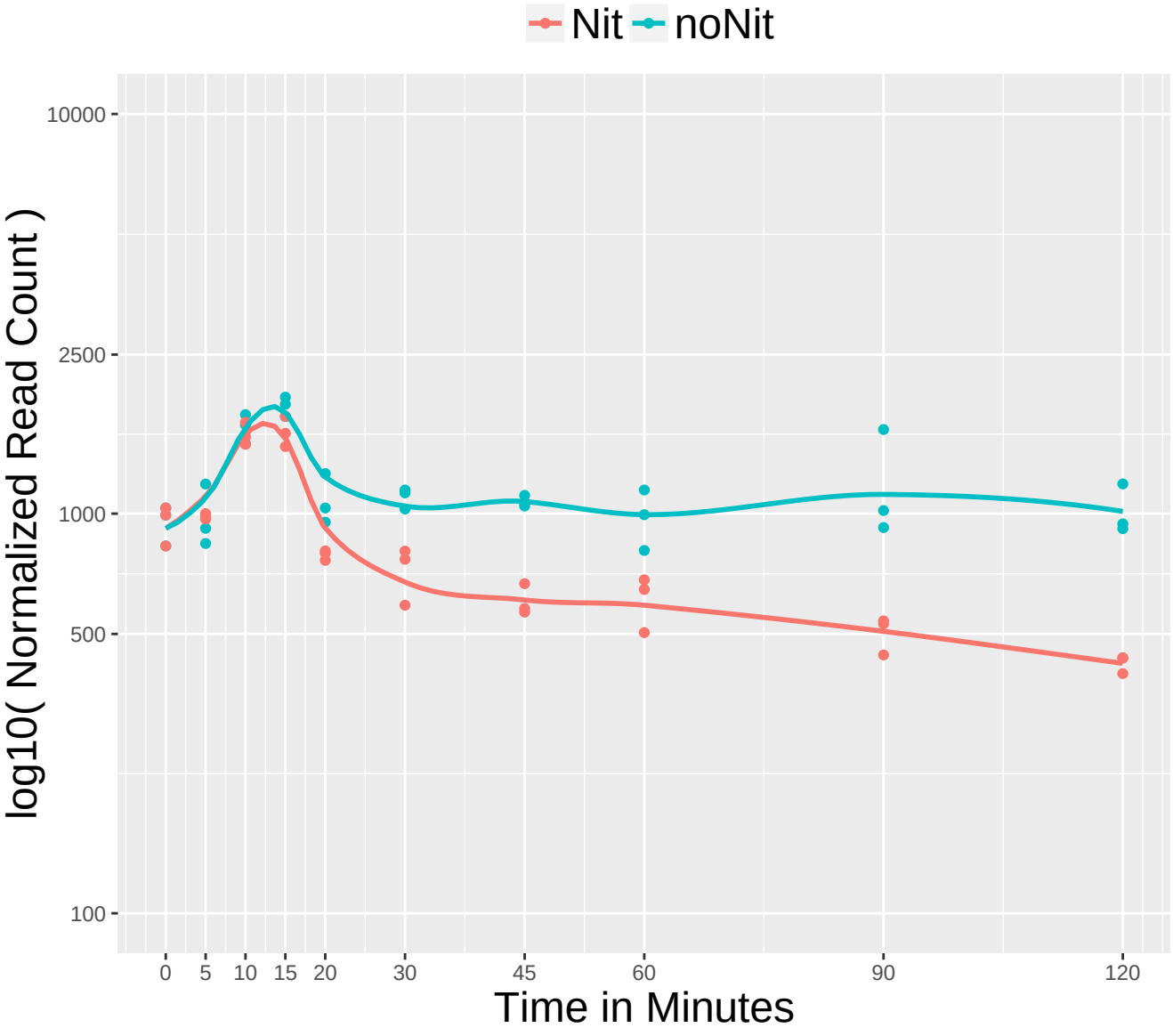


AT4G16950

RPP5,RECOGNITION



AT5G41810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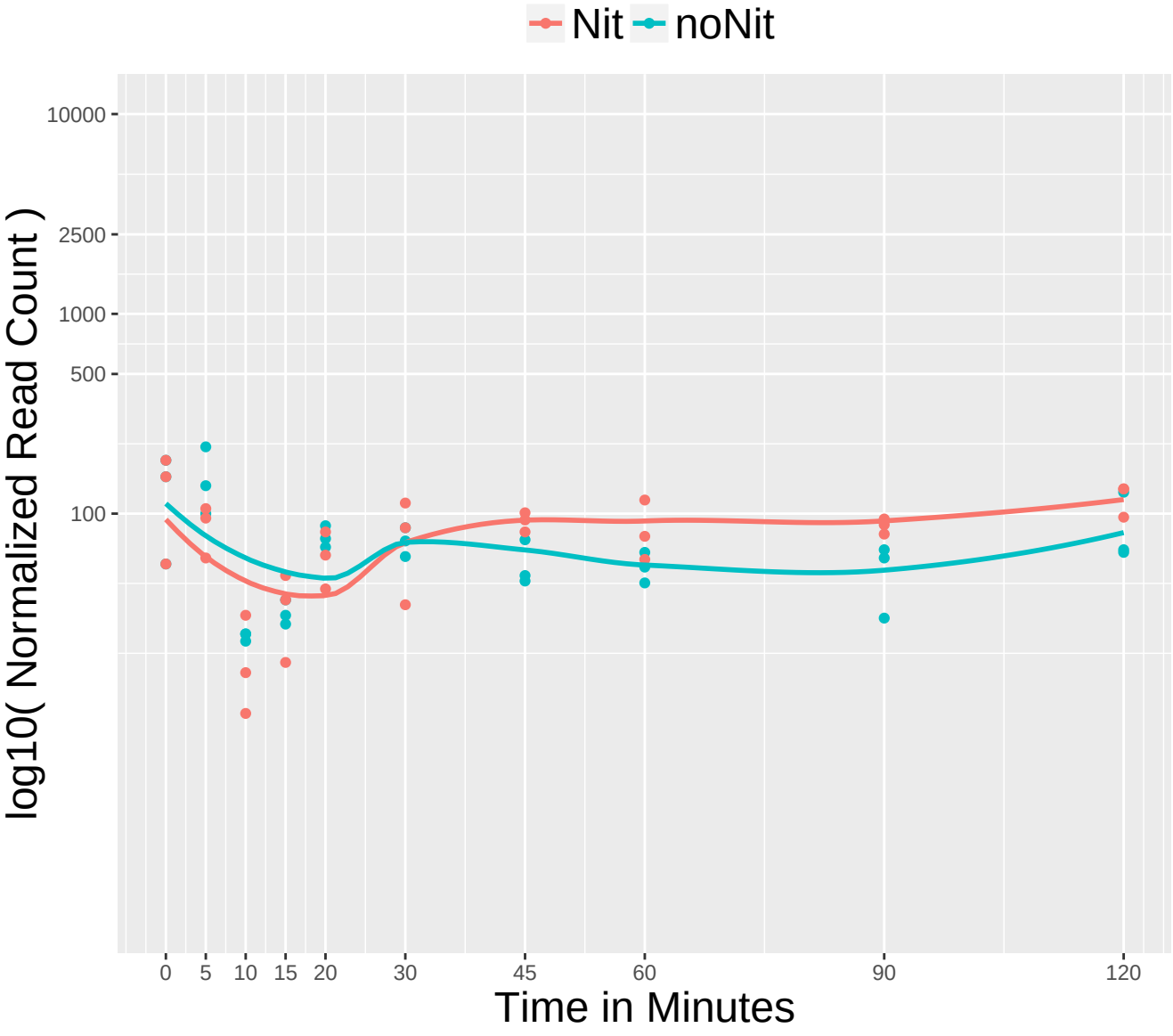
Time in Minutes

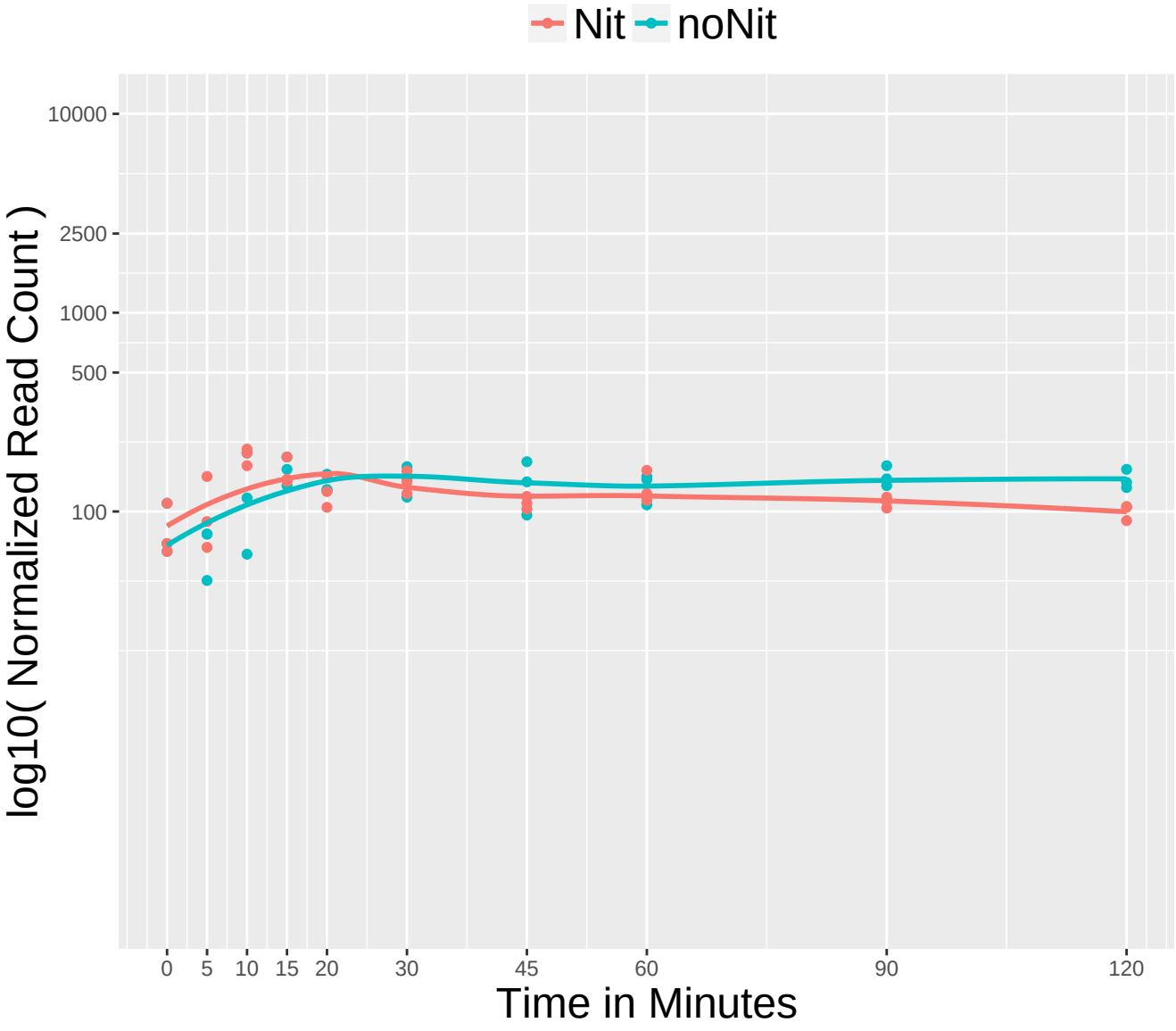
AT5G42700

AP2/B3−like



AT5G48670

AGL80,AGAMOUS−like



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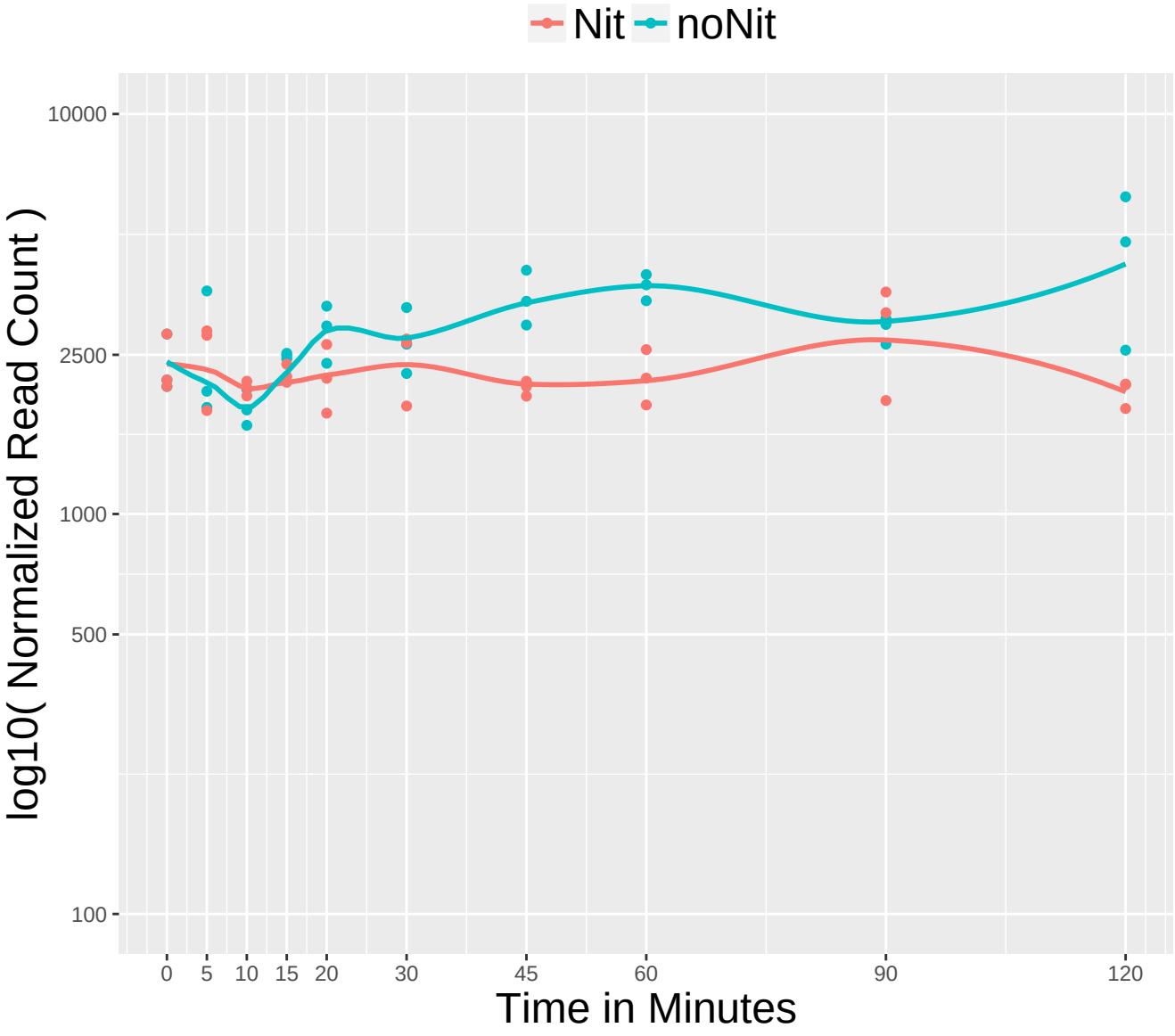
Leucine−rich



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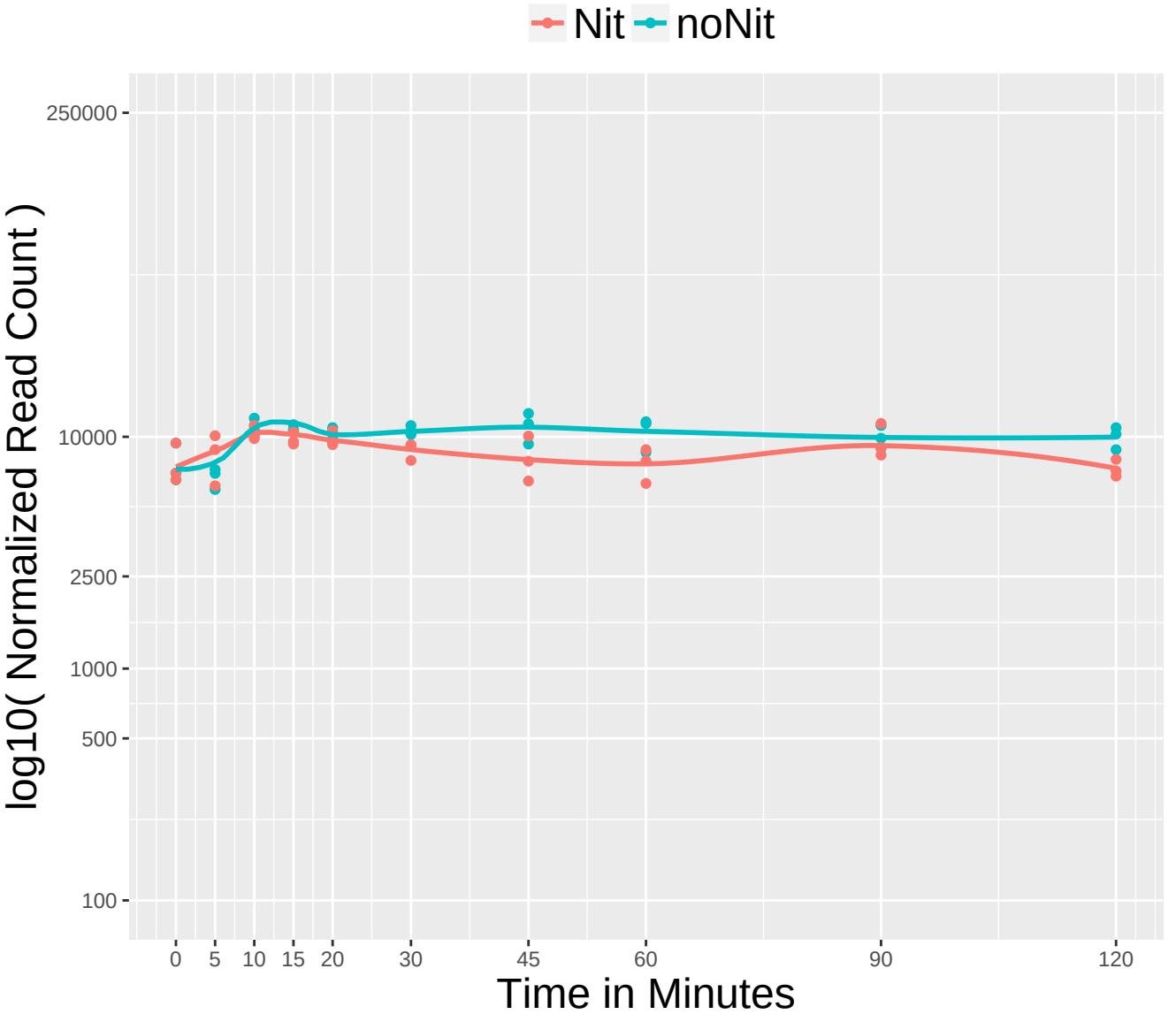
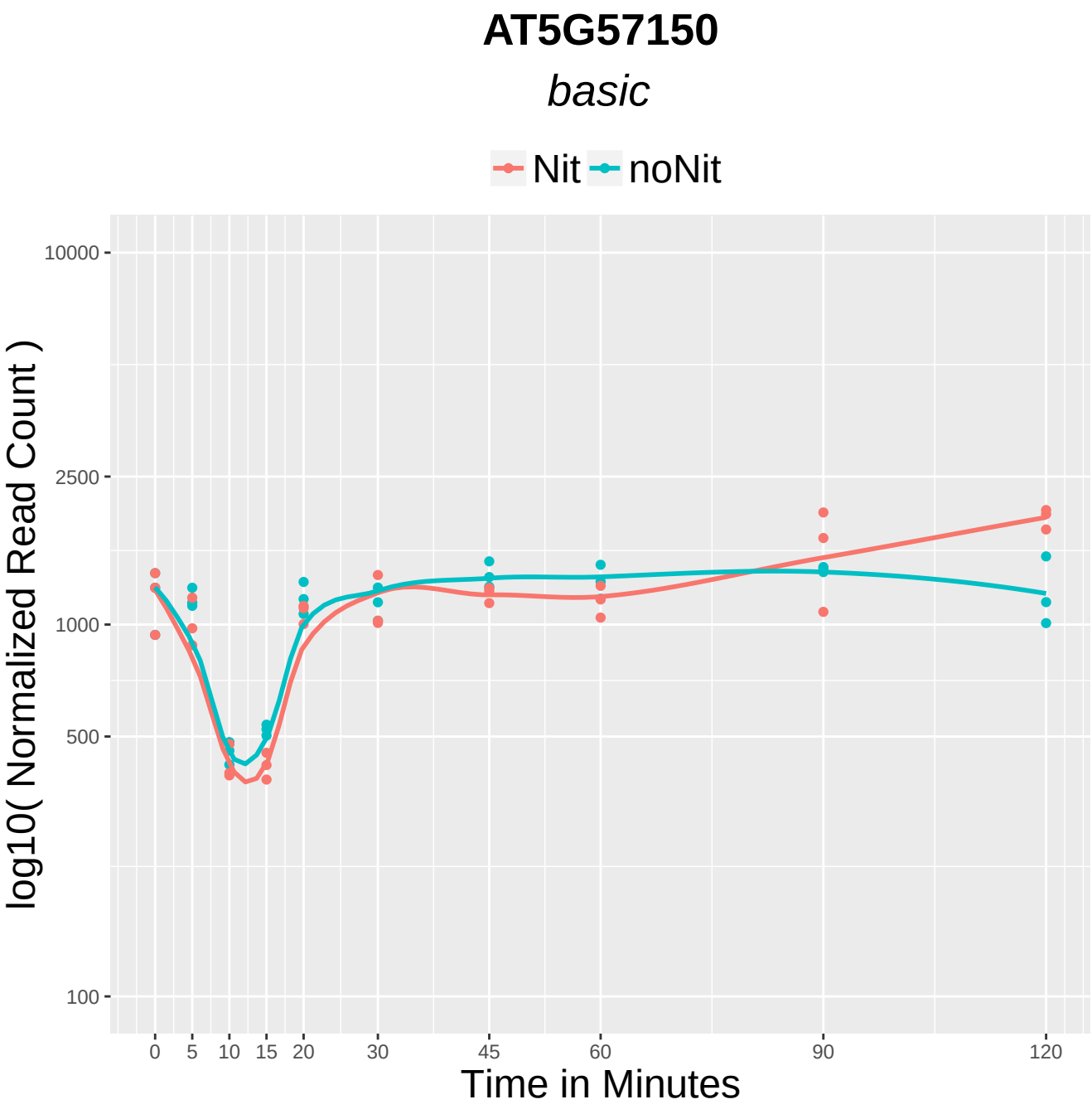
ATHSP93−V,,CLPC,,CLPC1,CLPC

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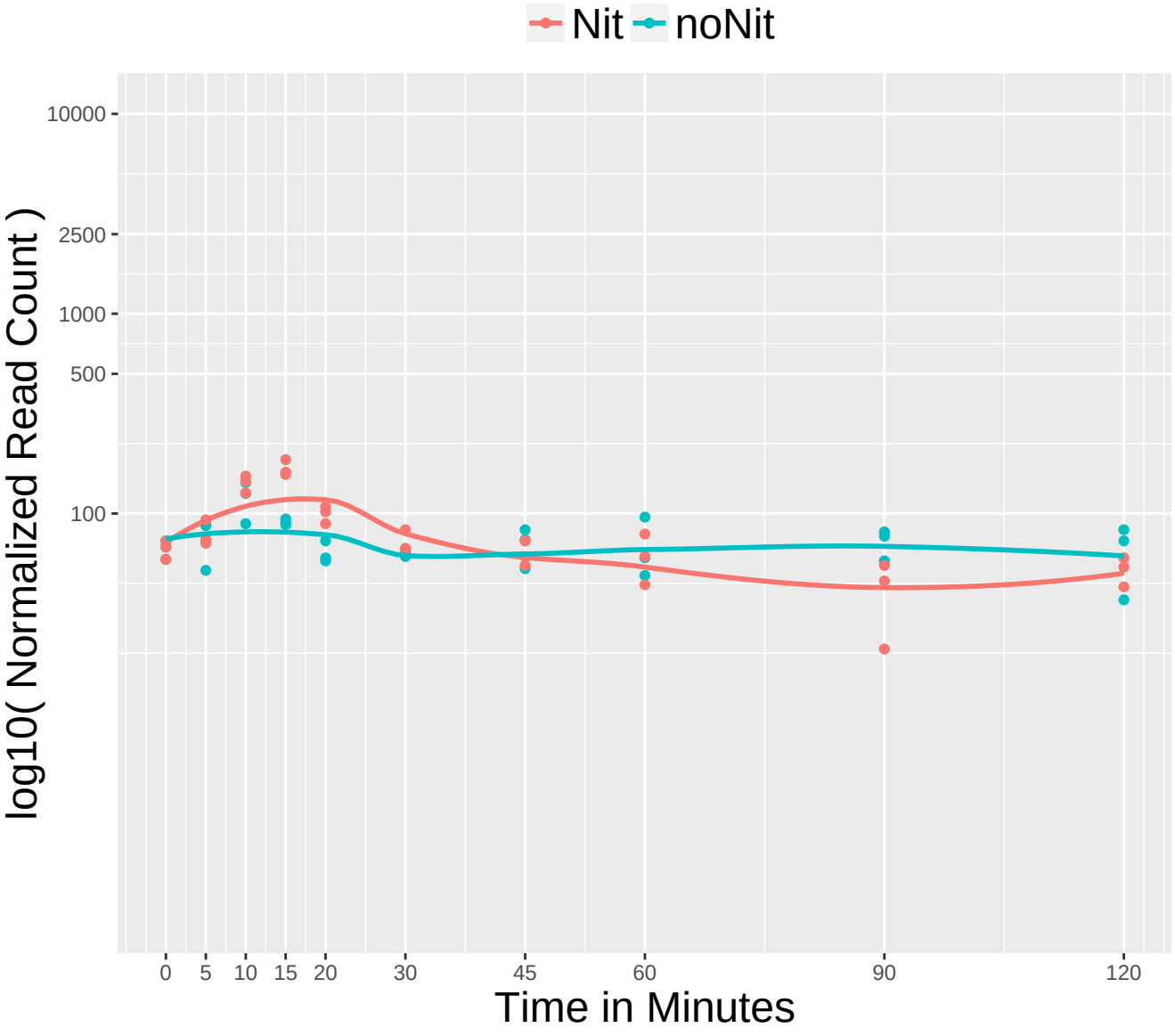
AT5G64380

Inositol



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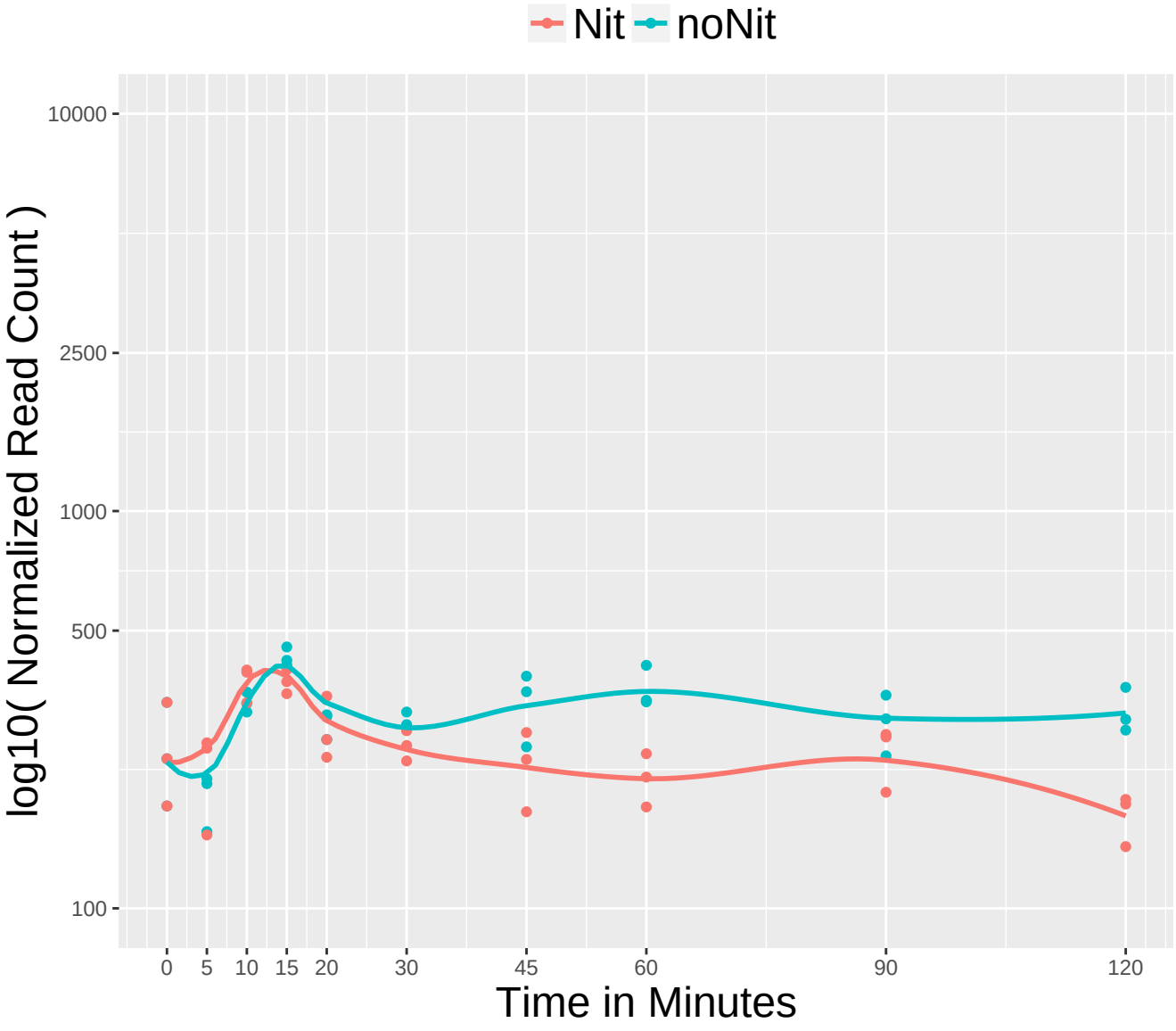
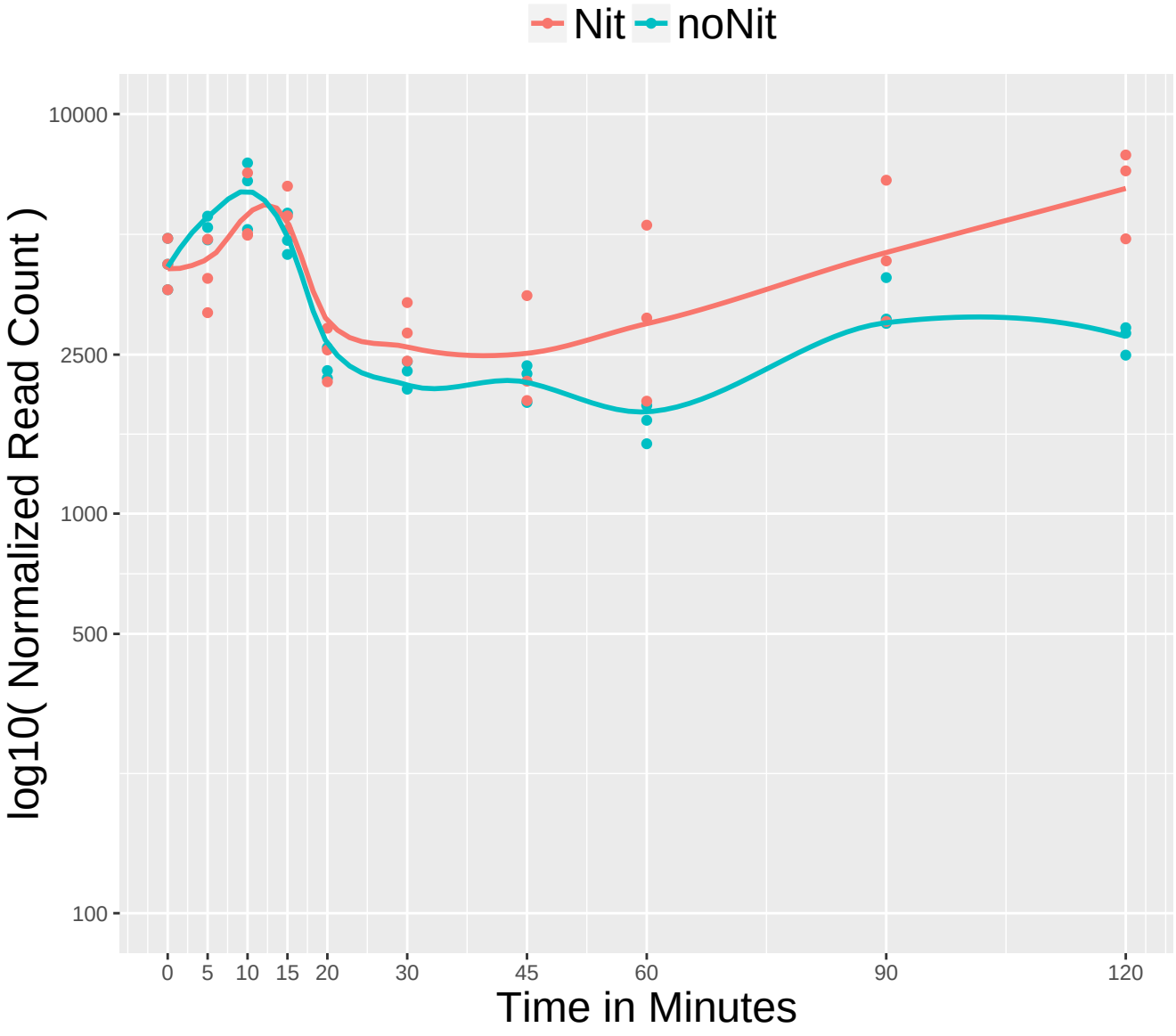
DAR6,DA1−related



AT1G10140

Uncharacterised



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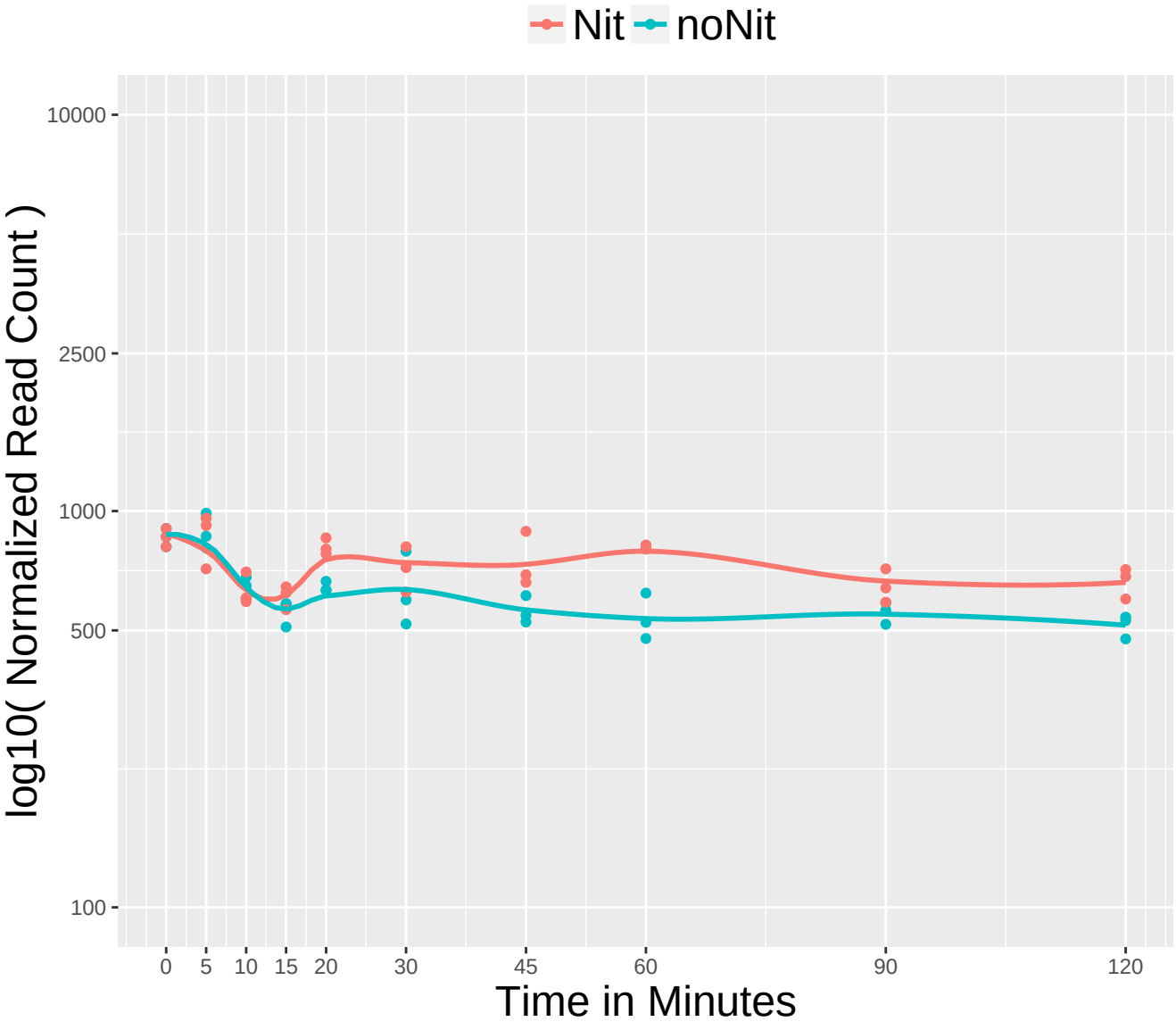
Metal−dependent



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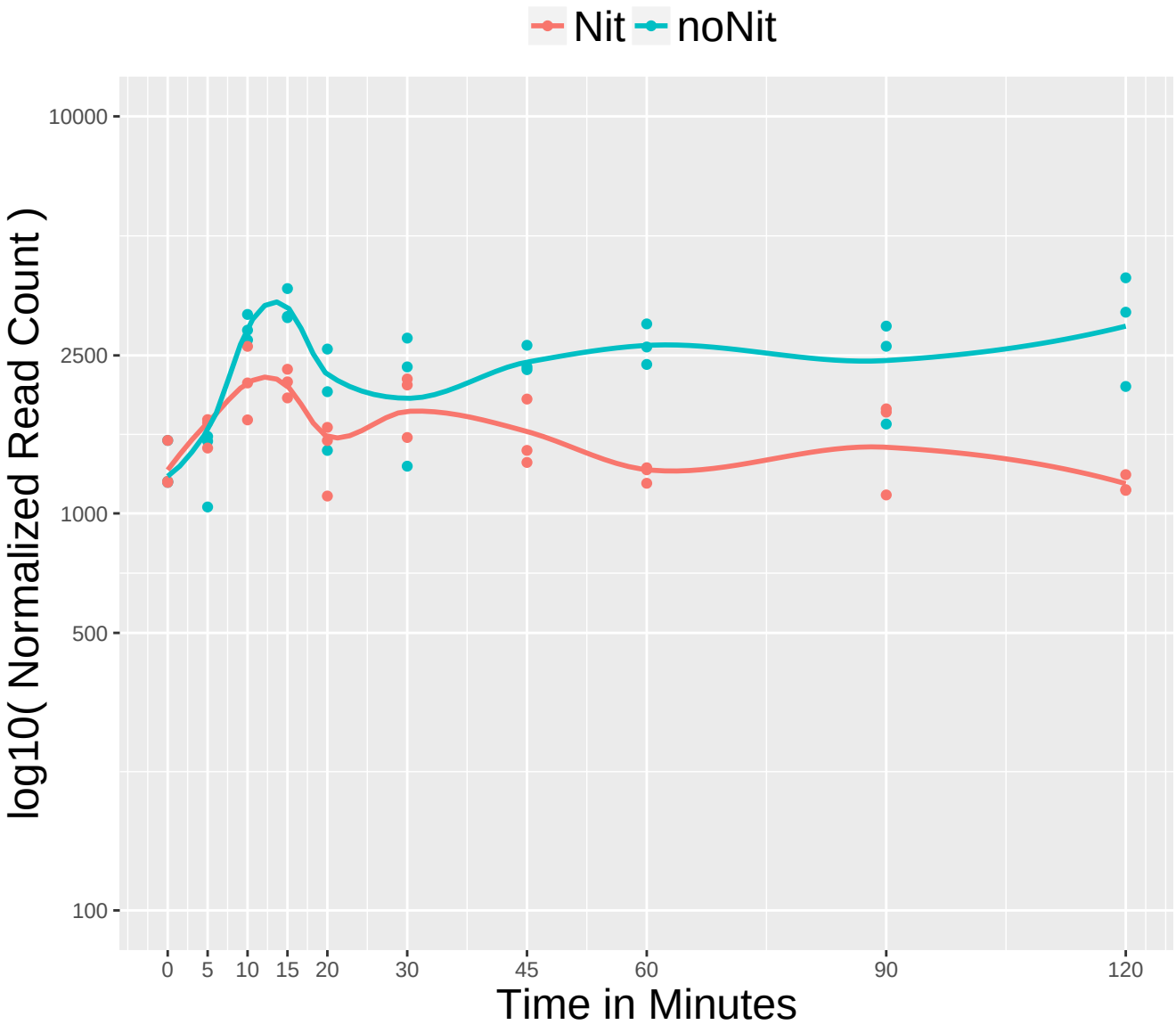
ATSBT3.5,,SBT3.5



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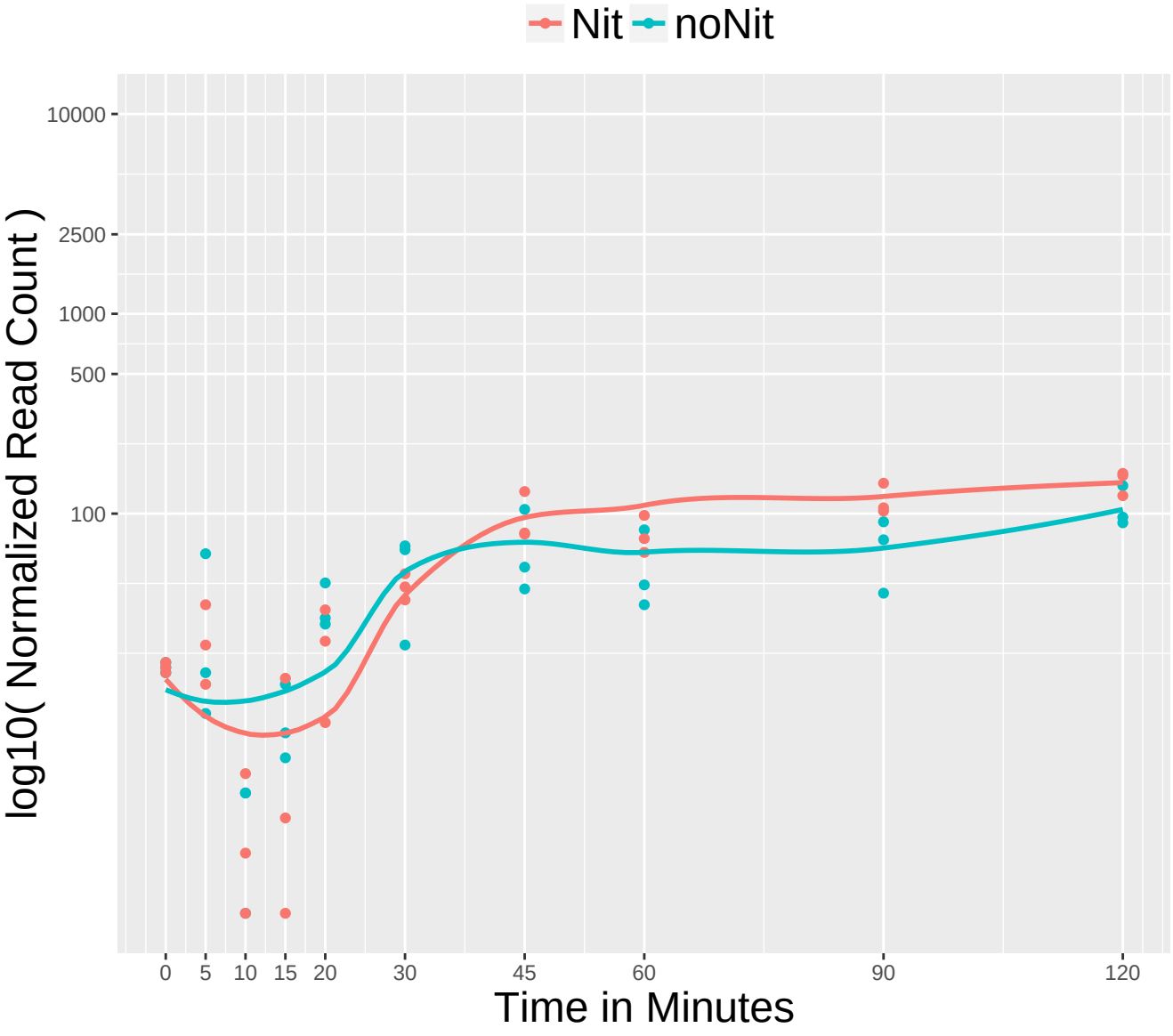
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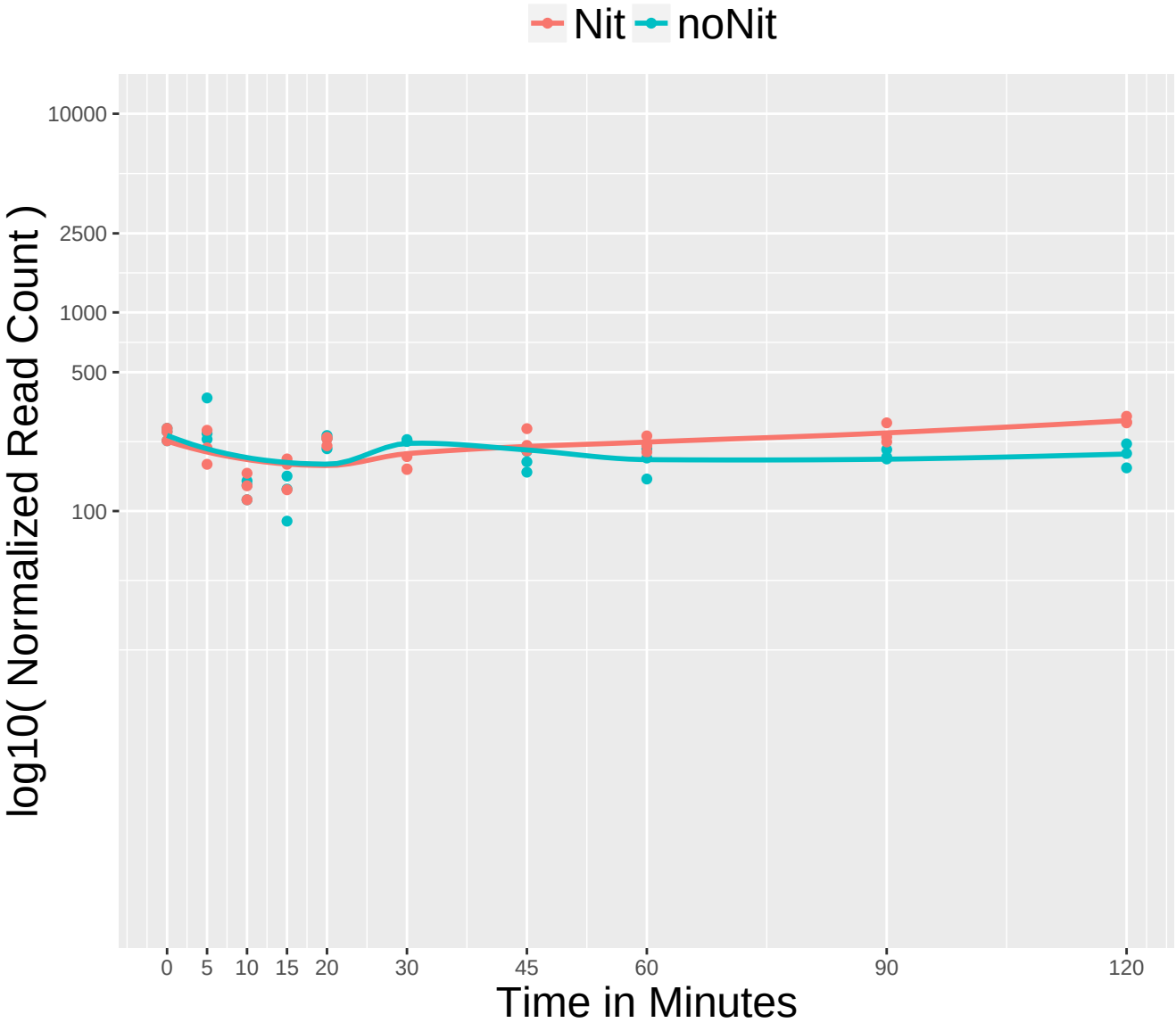
AT1G69200

FLN2,fructokinase−like



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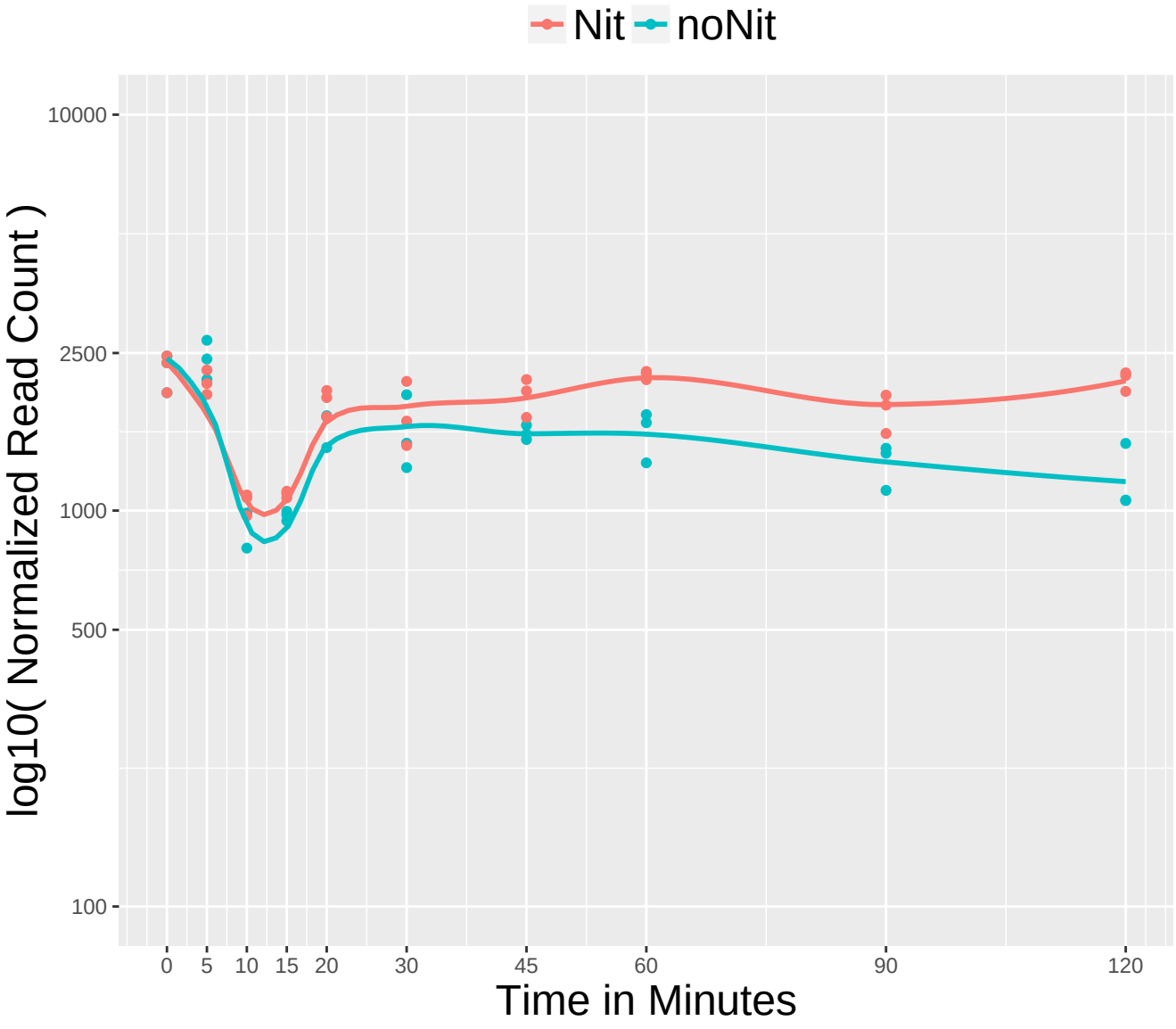

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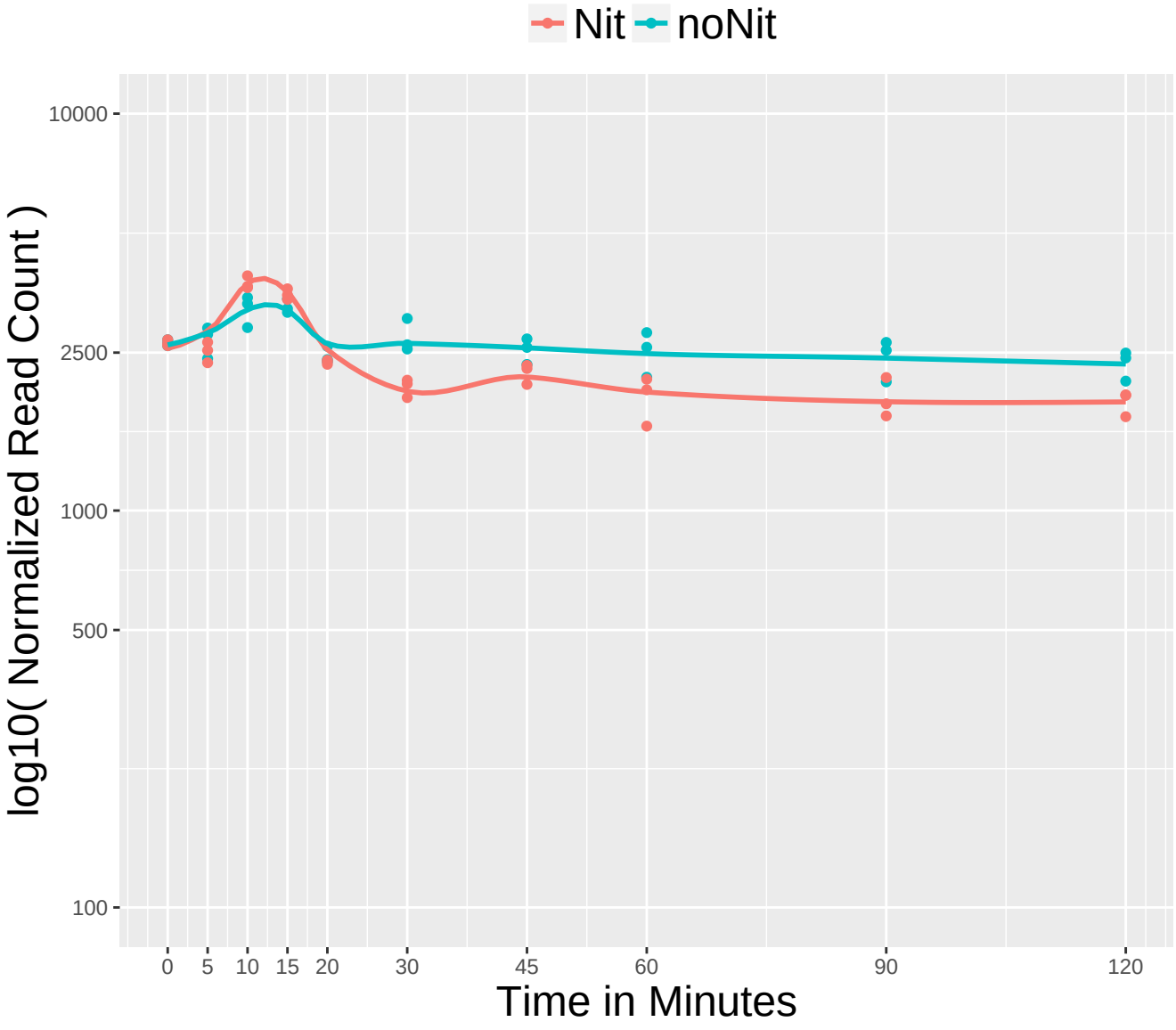
OSU1,,QUA2,QUASIMODO2,TSD2,TUMOROUS



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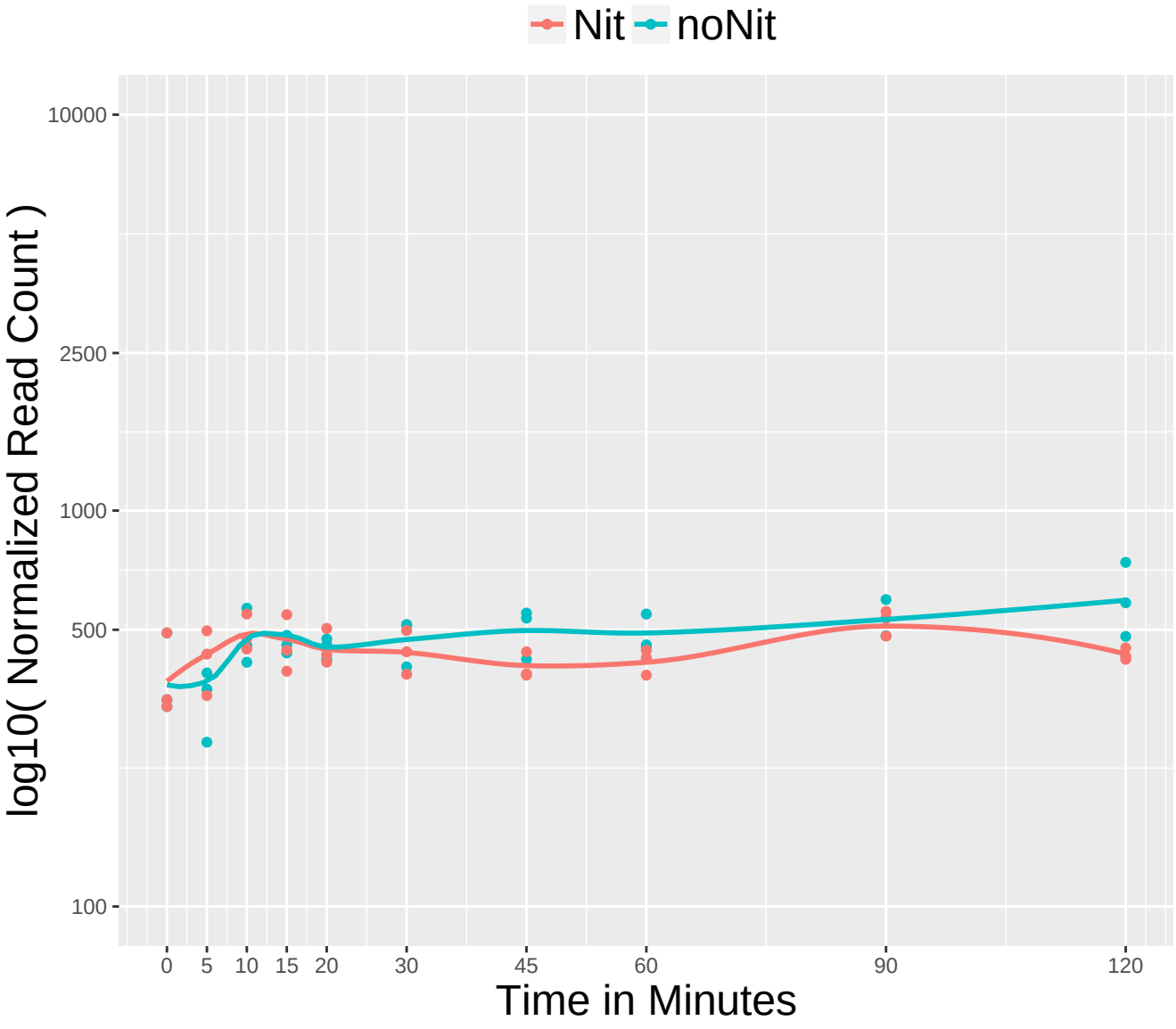
P−loop



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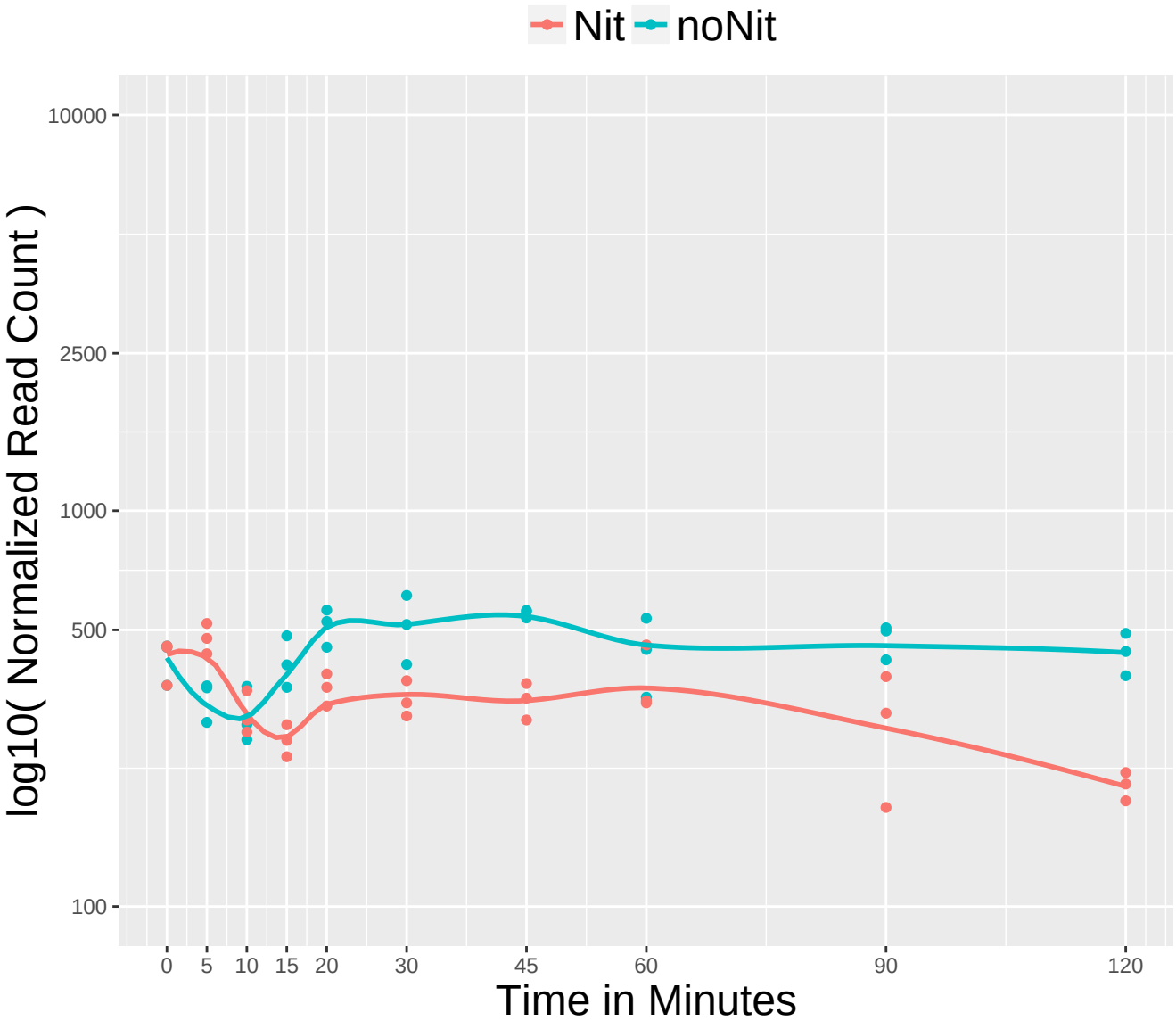
UDP−Glycosyltransferase



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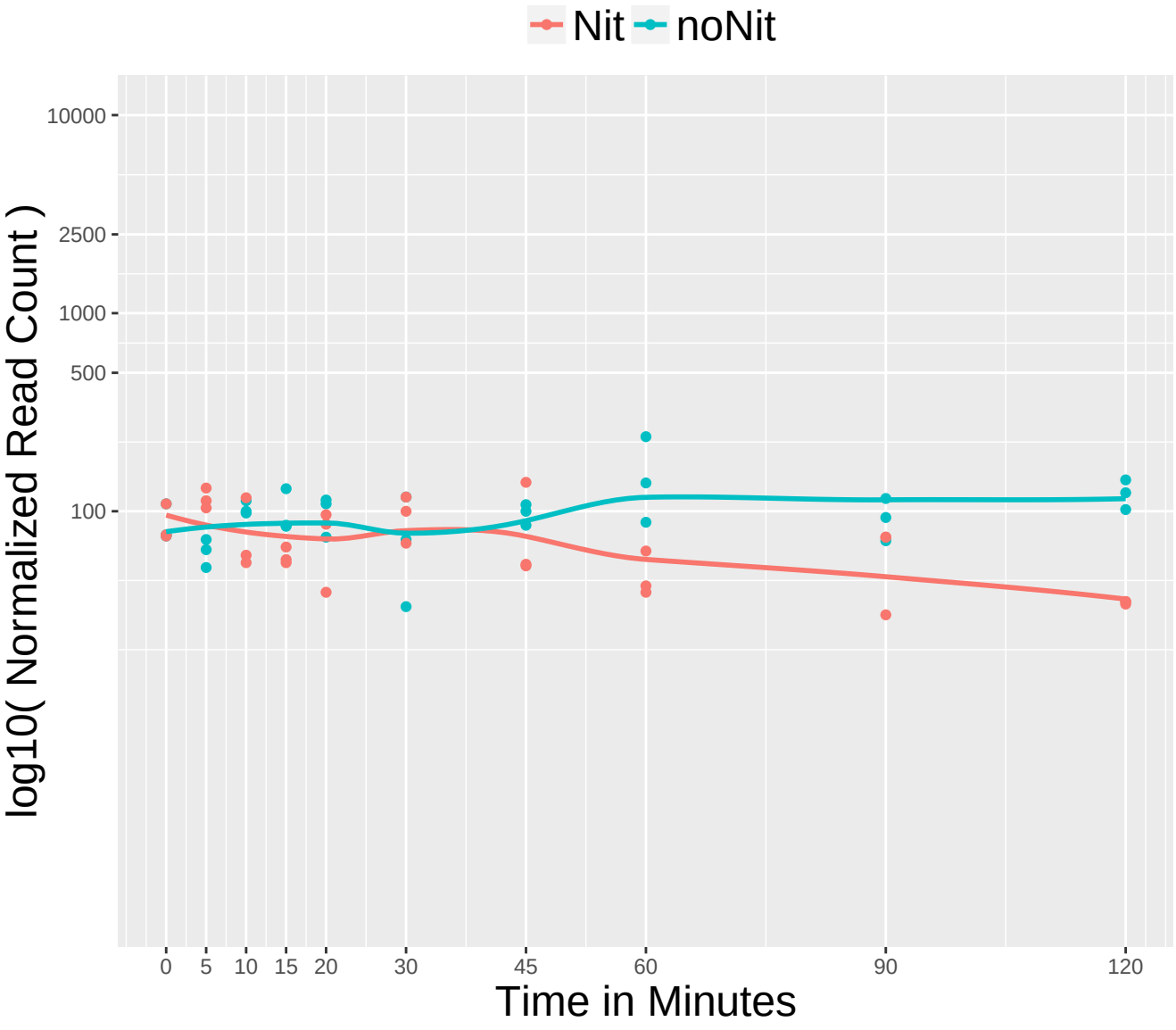
CRK36,cysteine−rich



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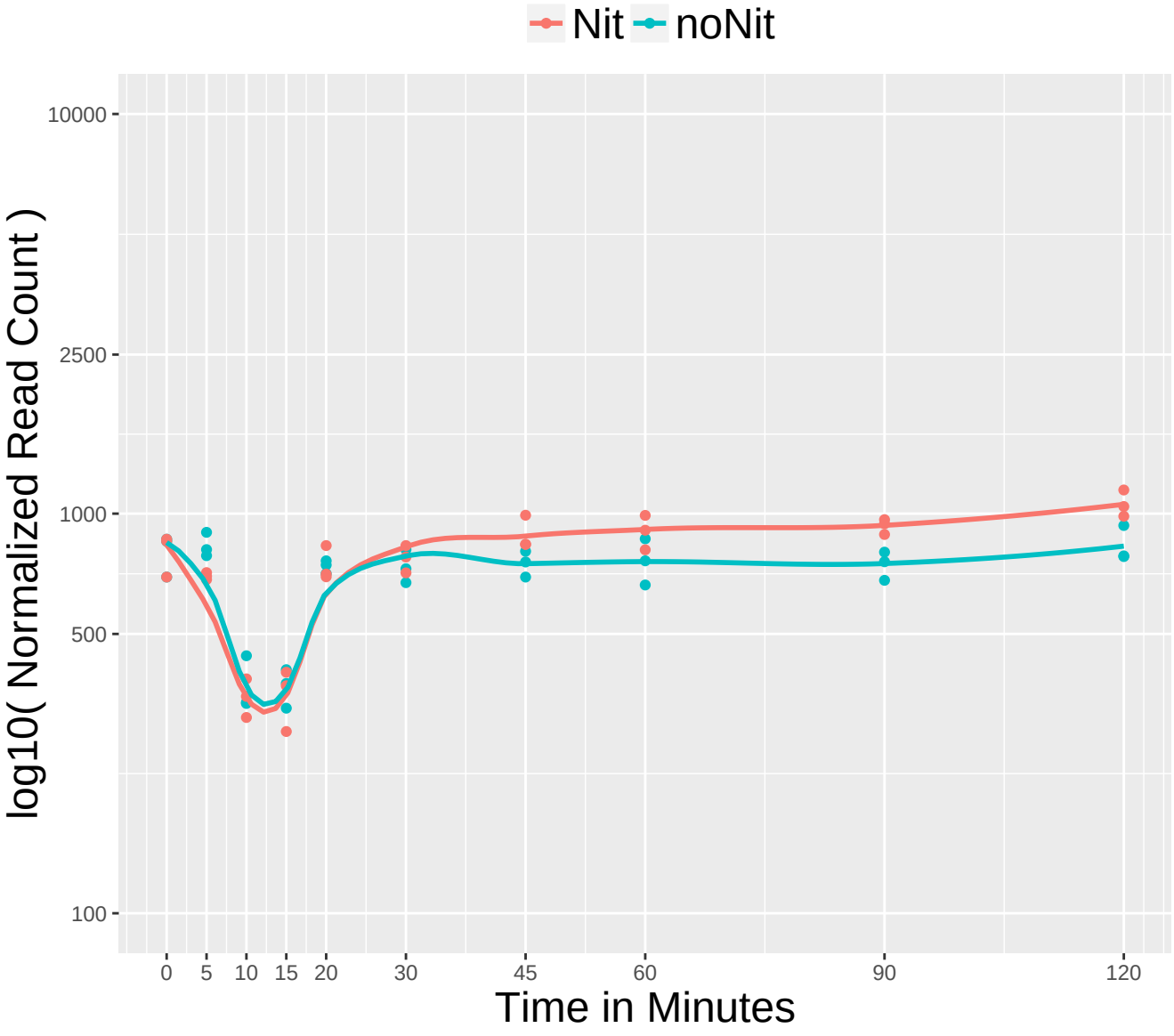

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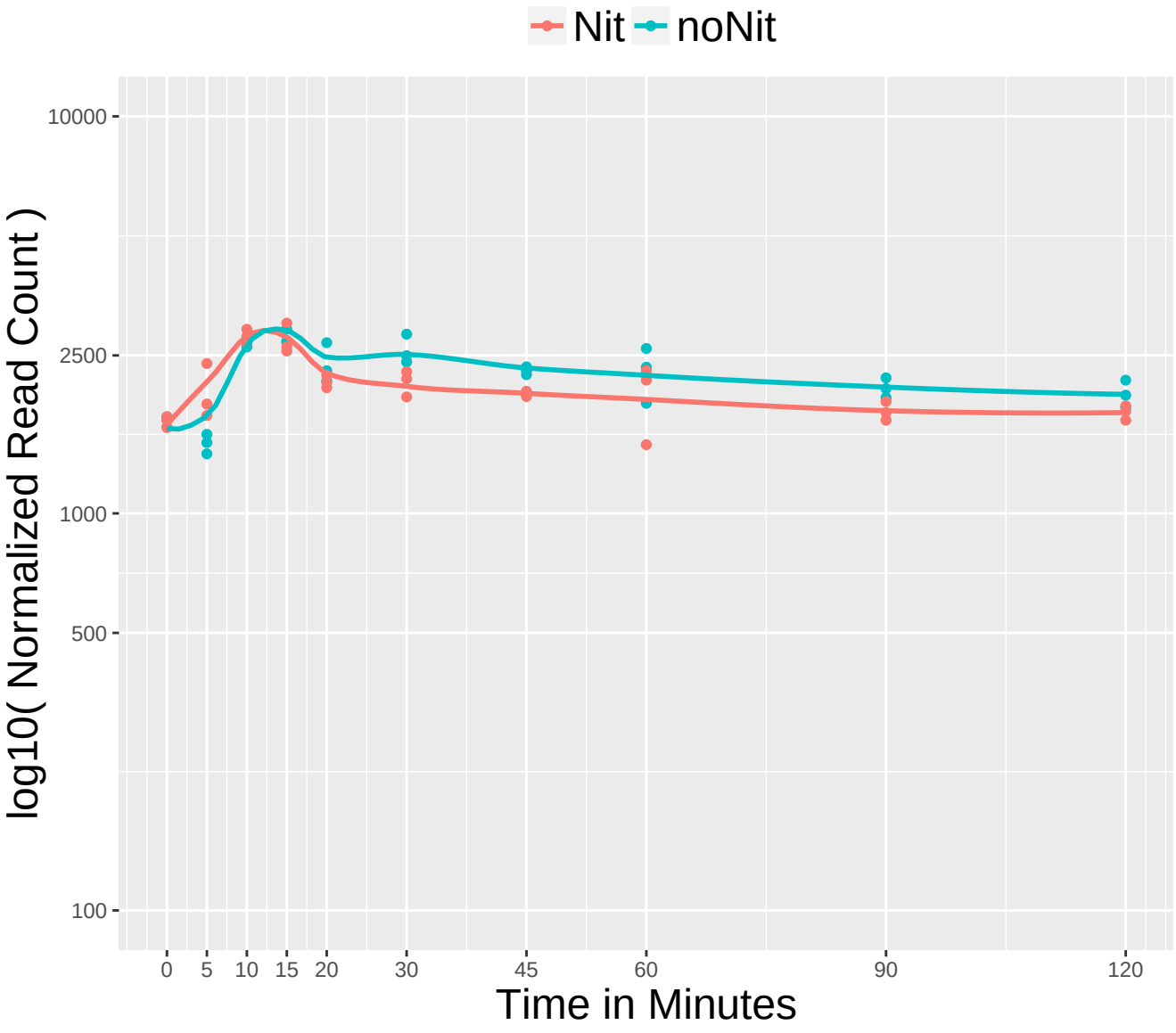

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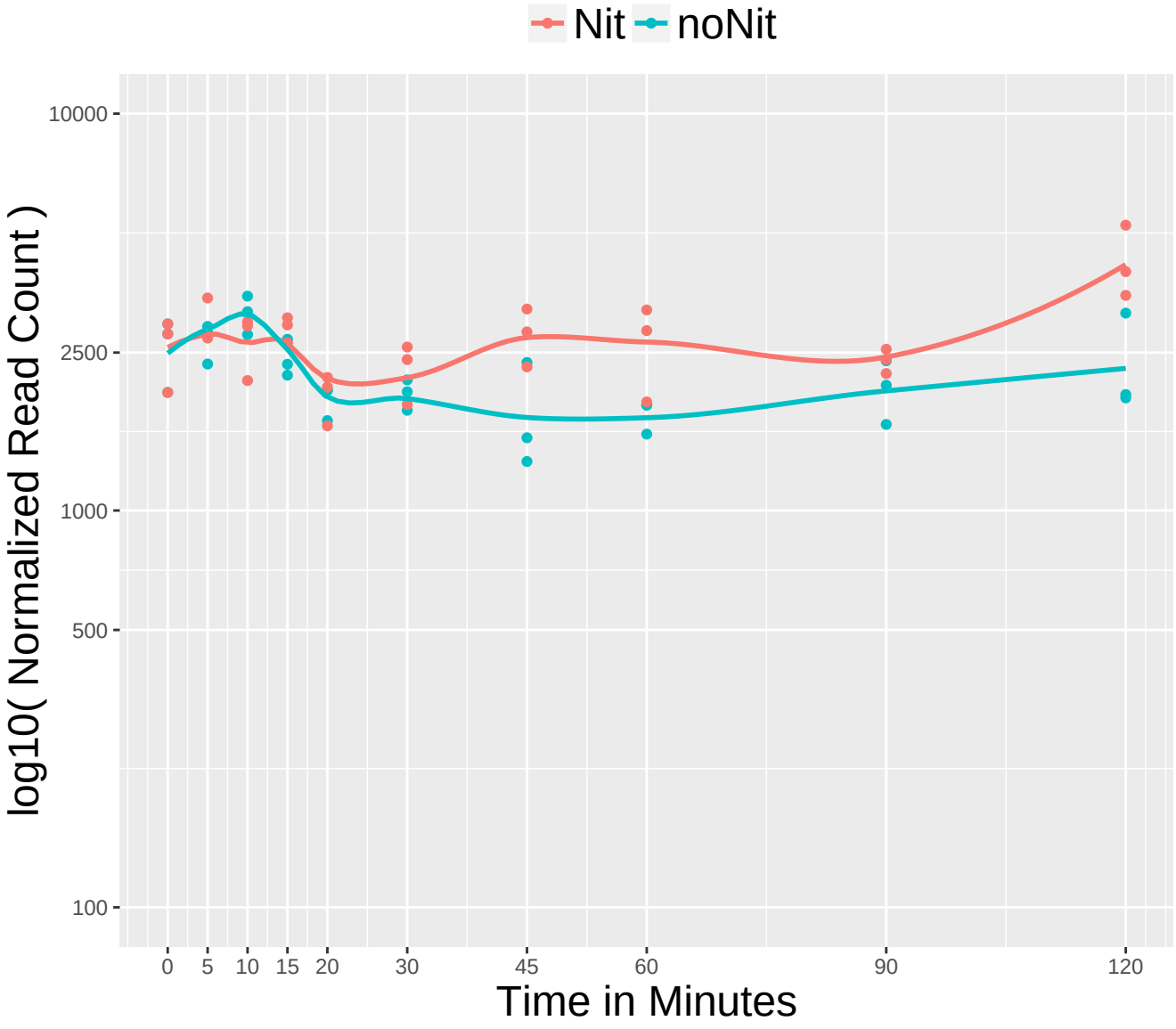
H3.1,histone



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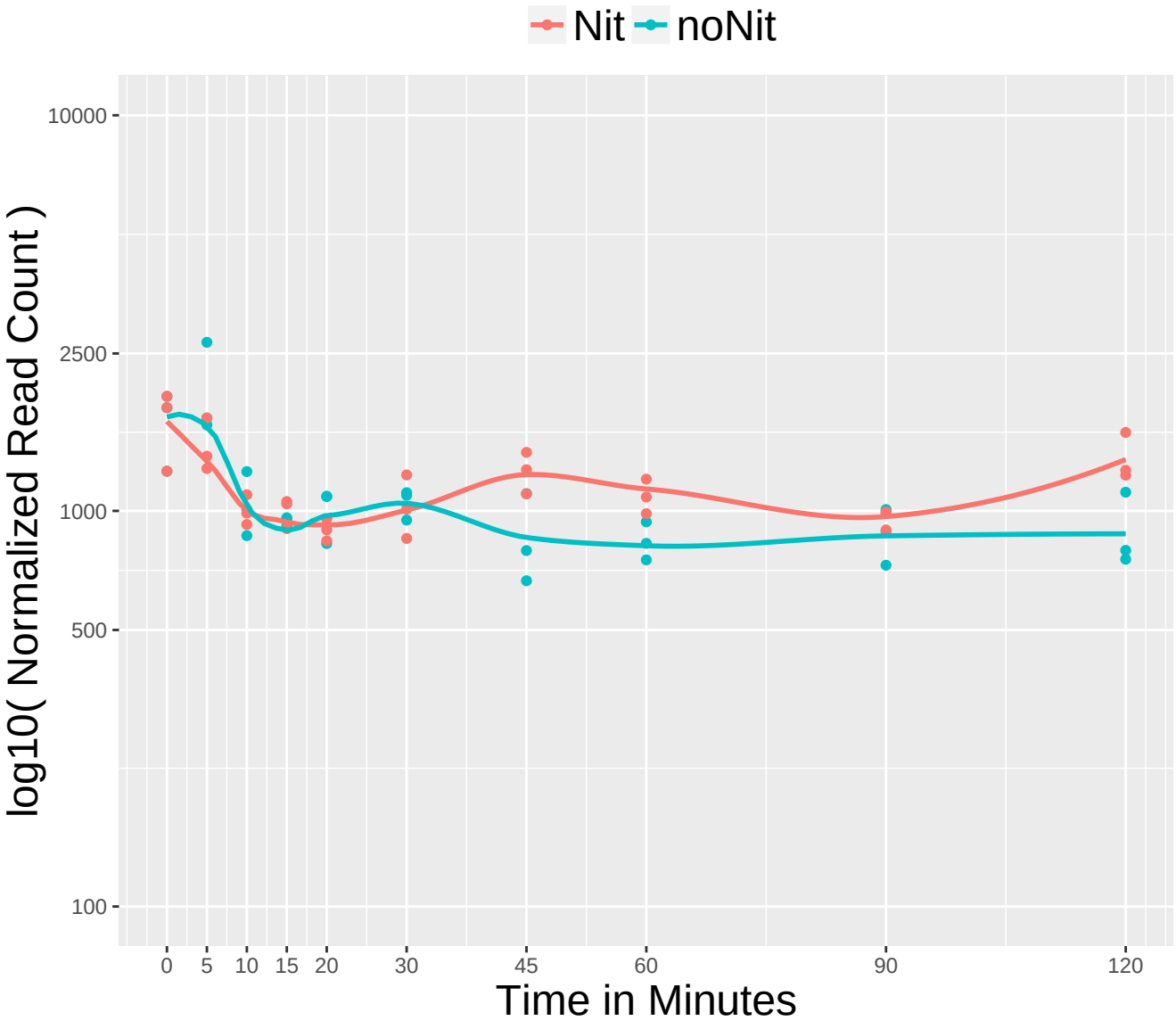
HMGB6,high−mobility



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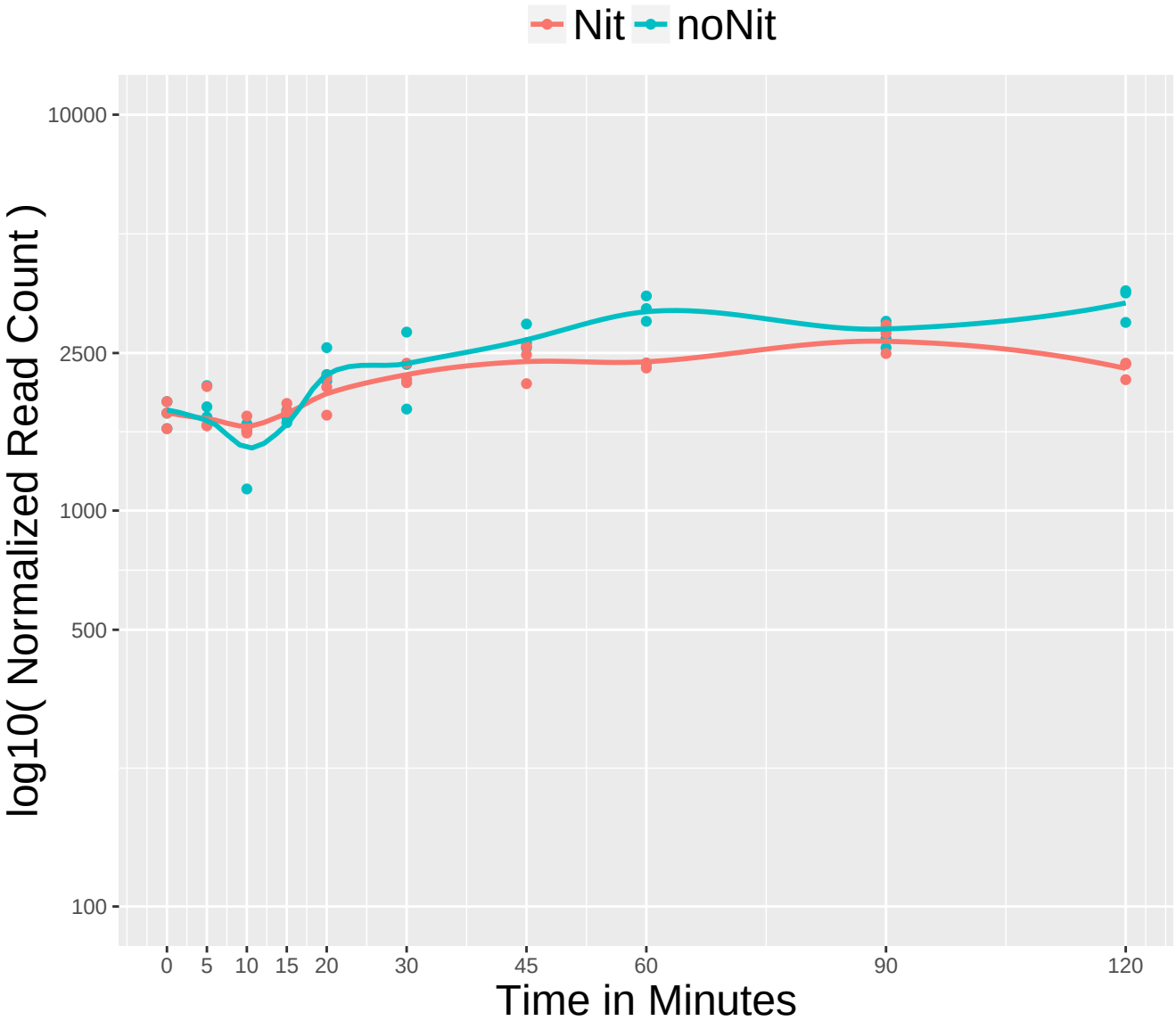

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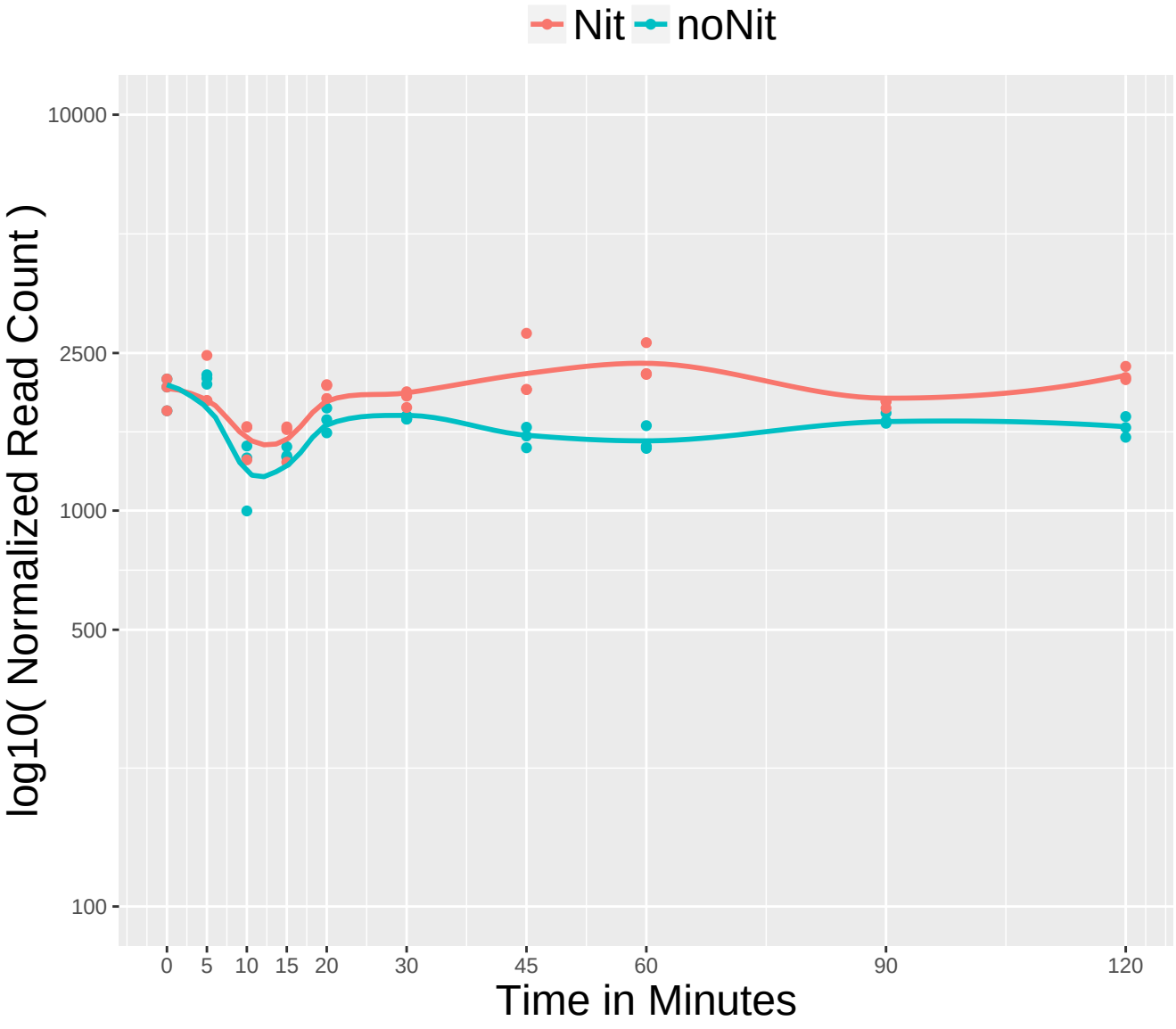

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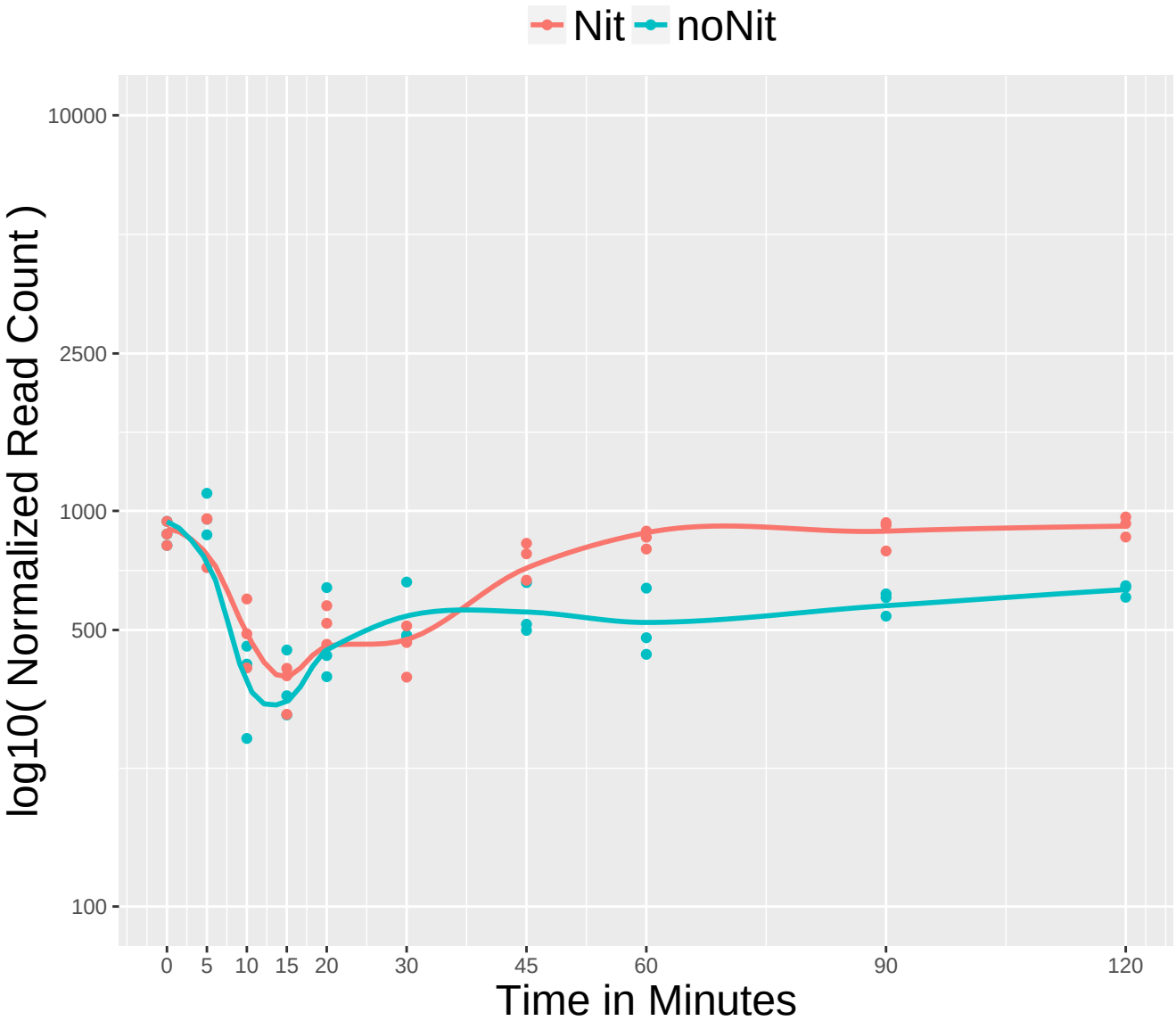
NAD(P)−binding



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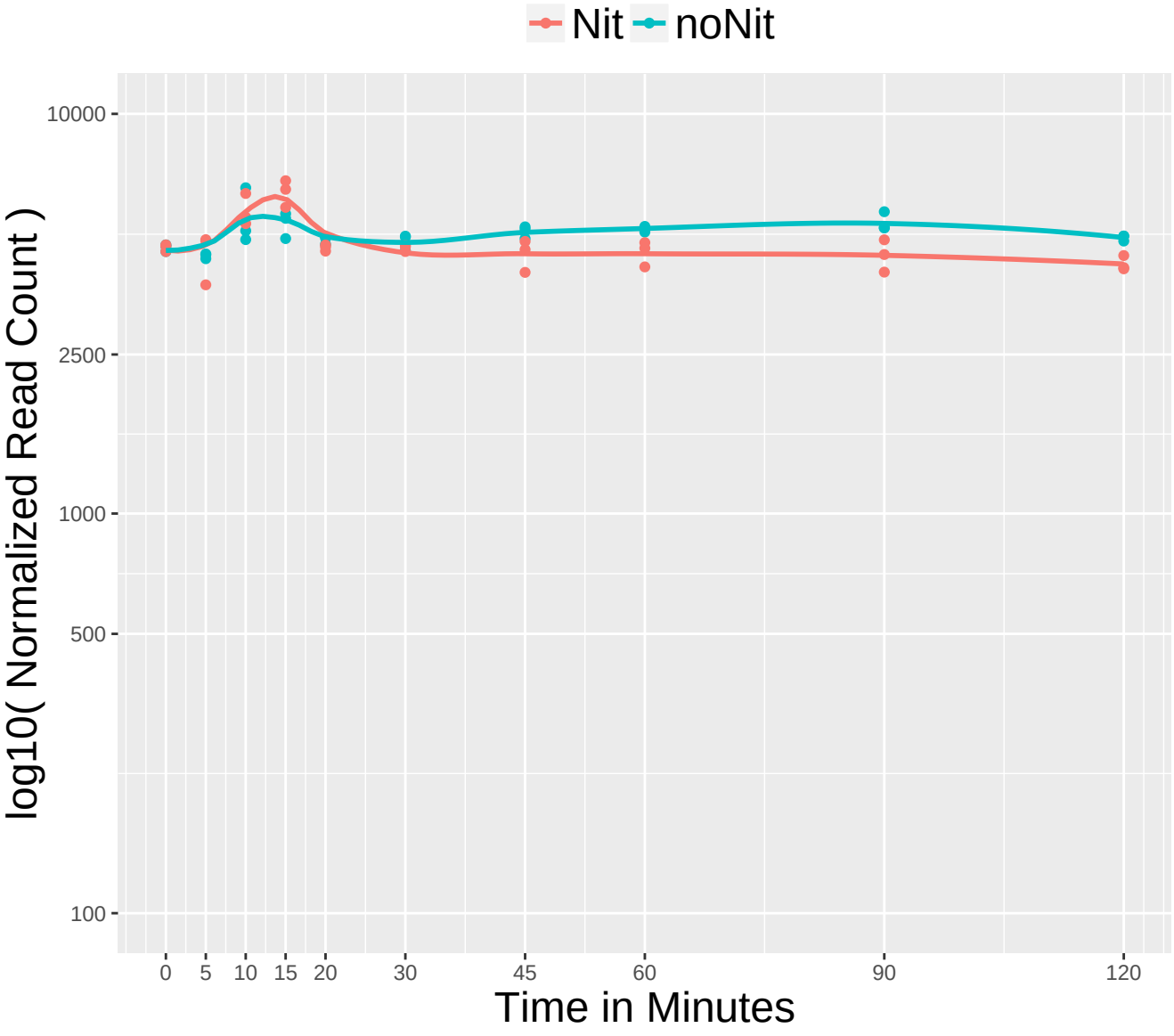
Protein



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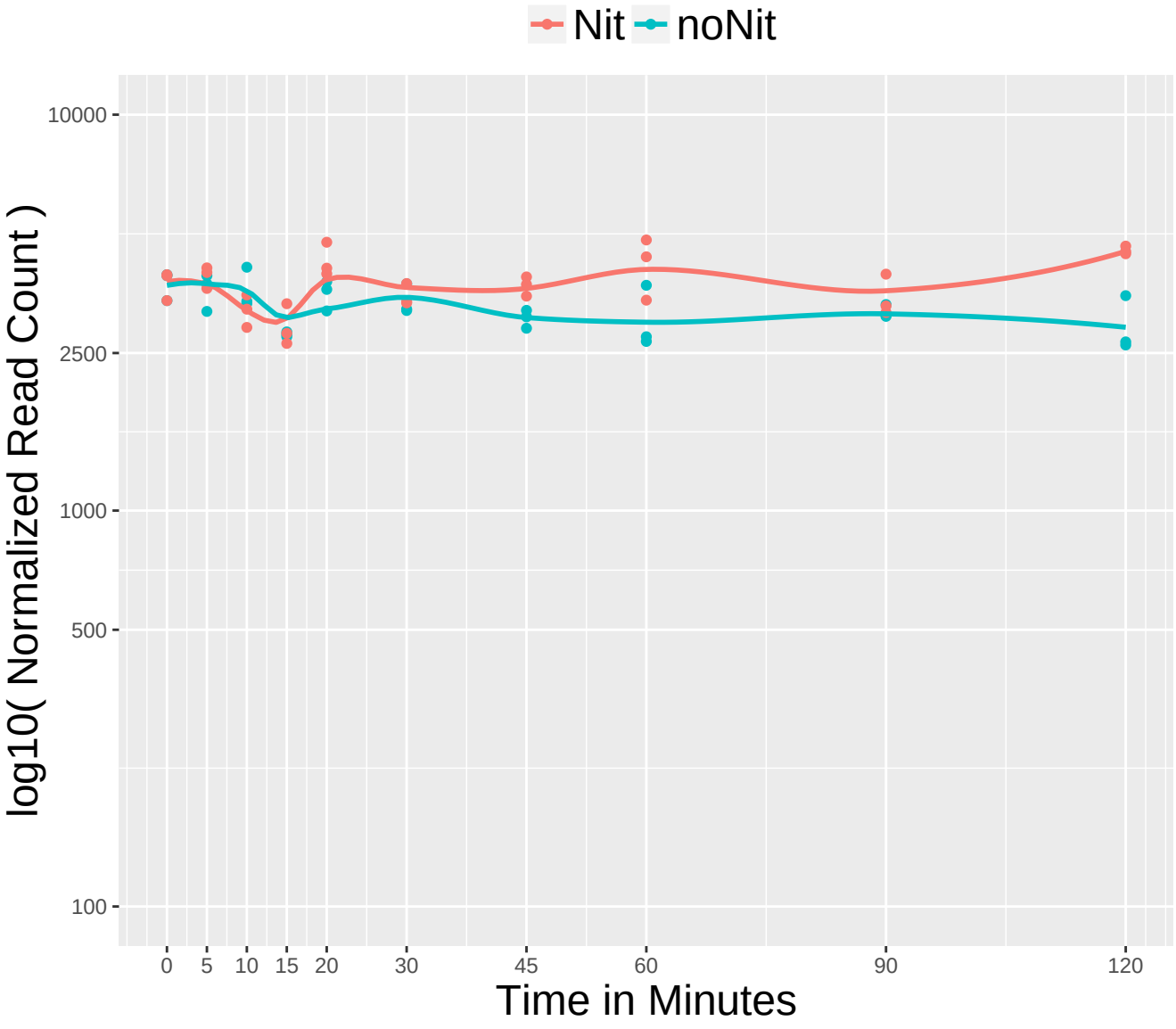
AAK6,Arabidopsis



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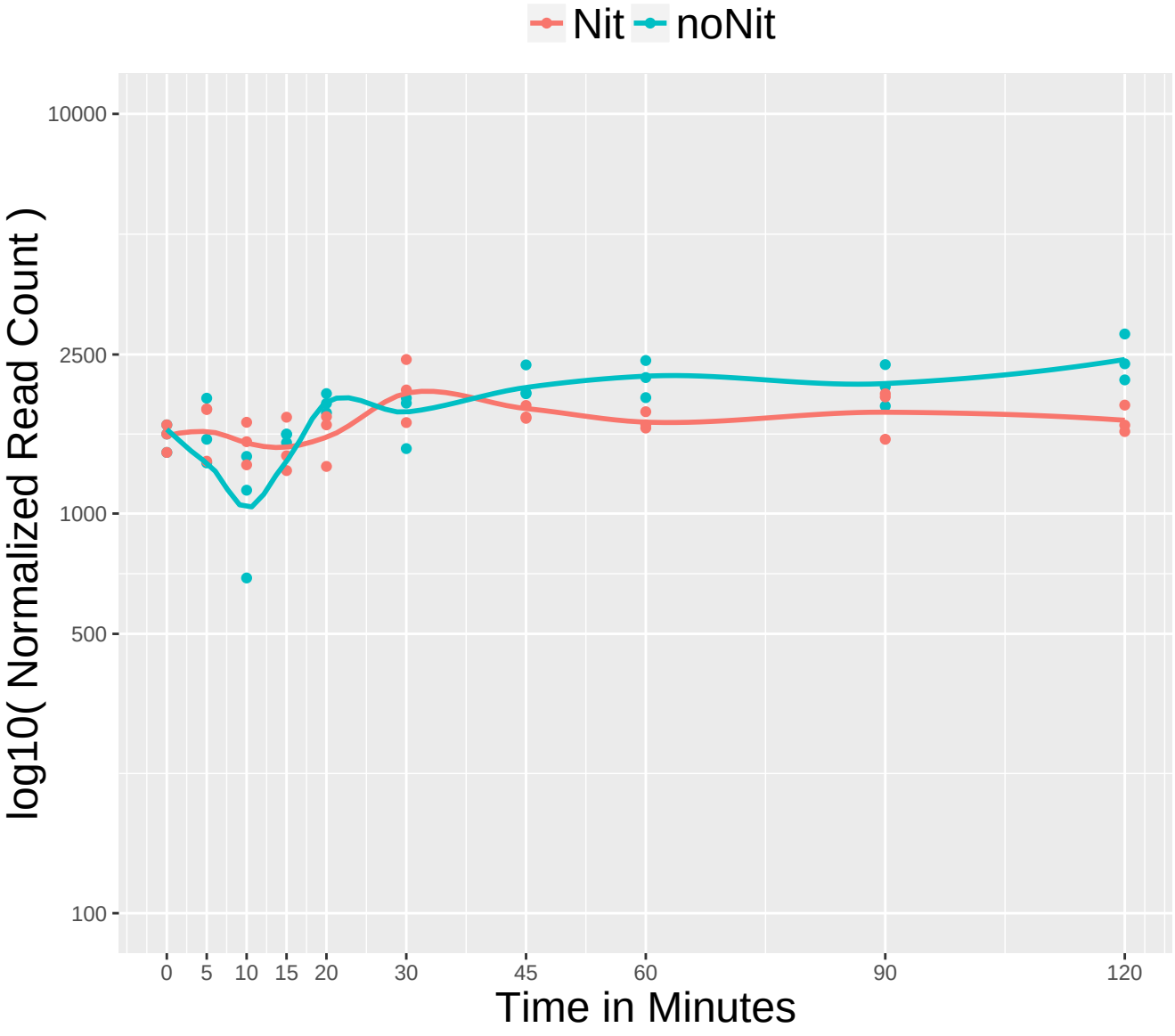

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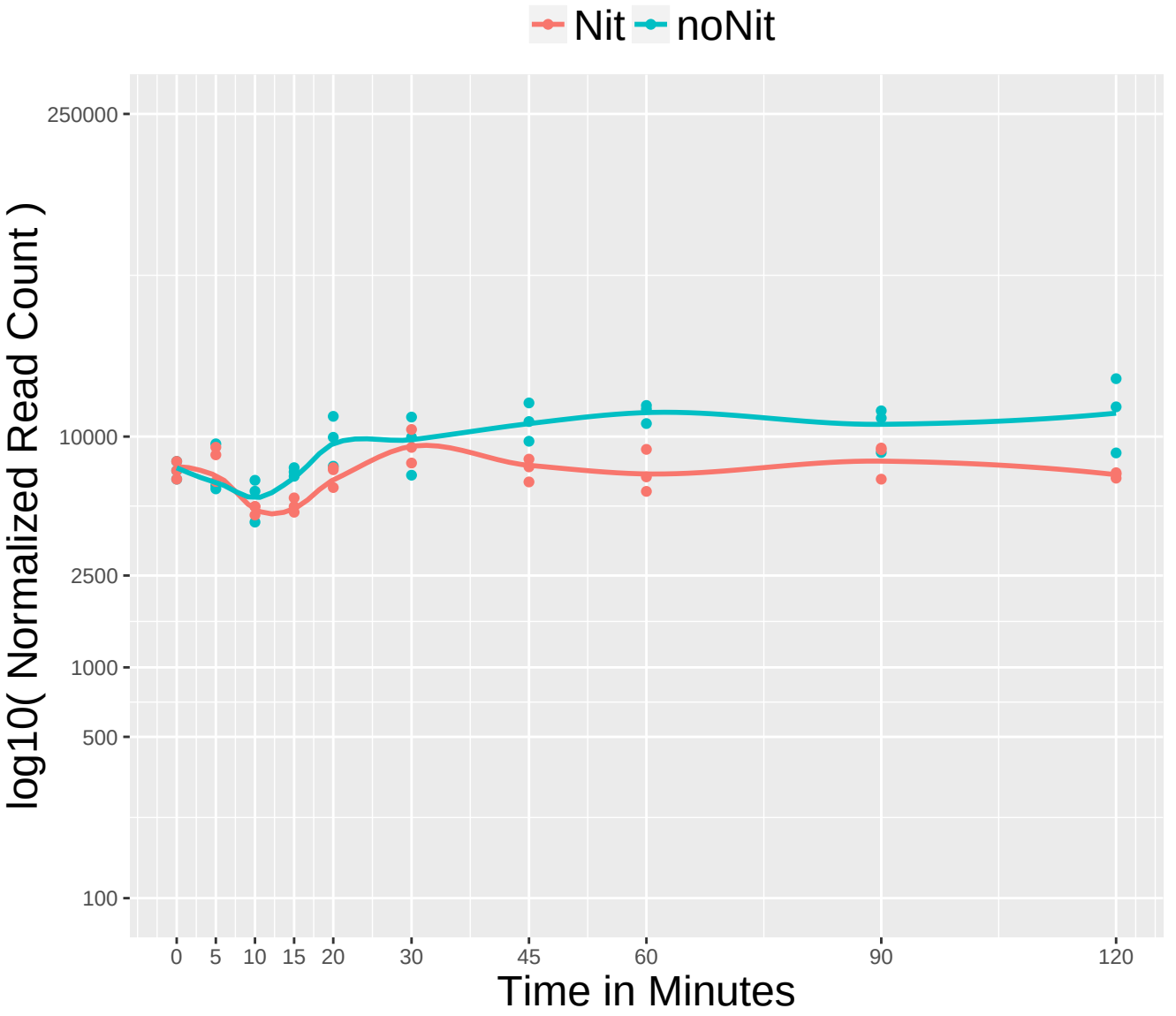
CYP71B7,"cytochrome



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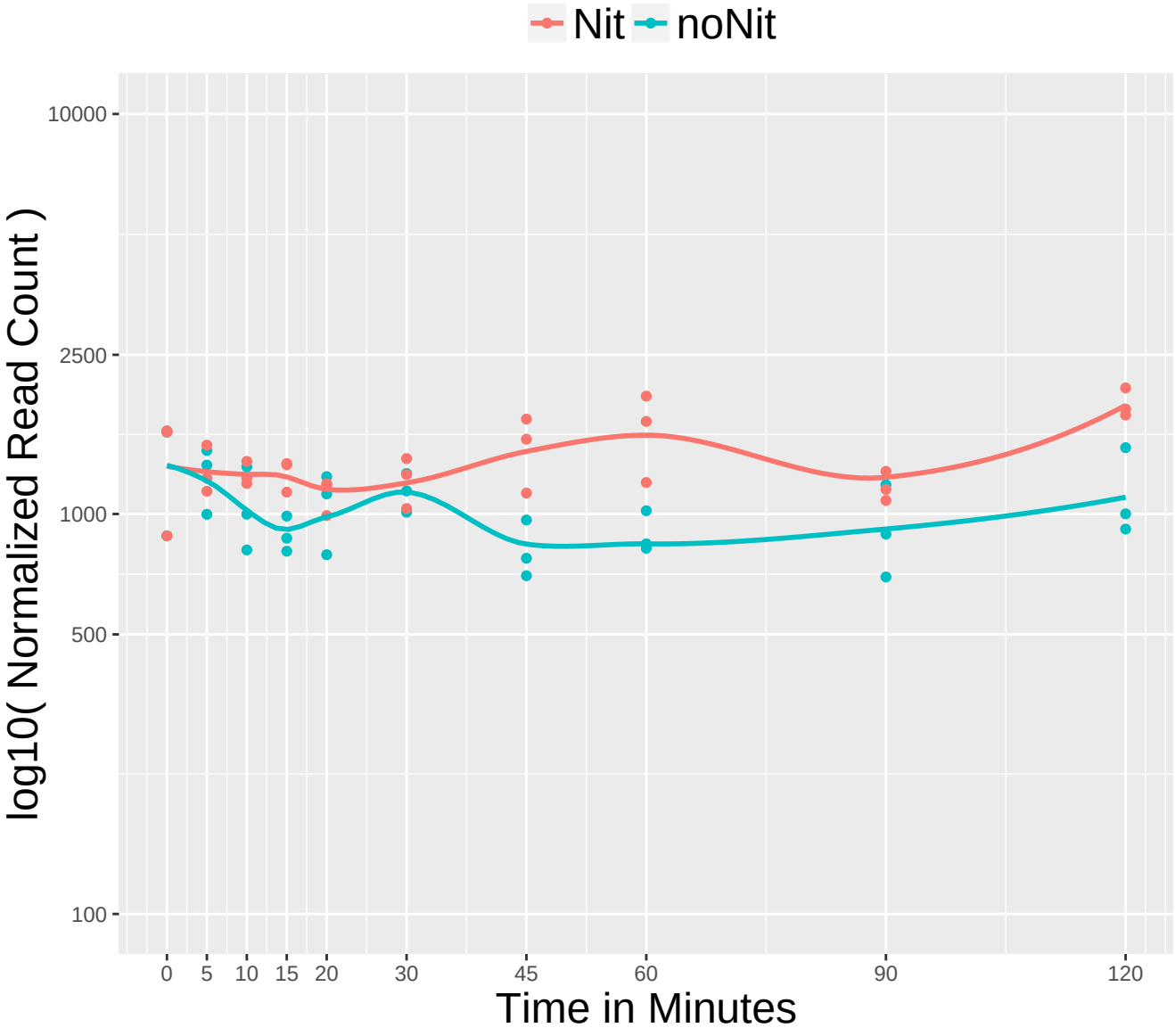
Ribosomal



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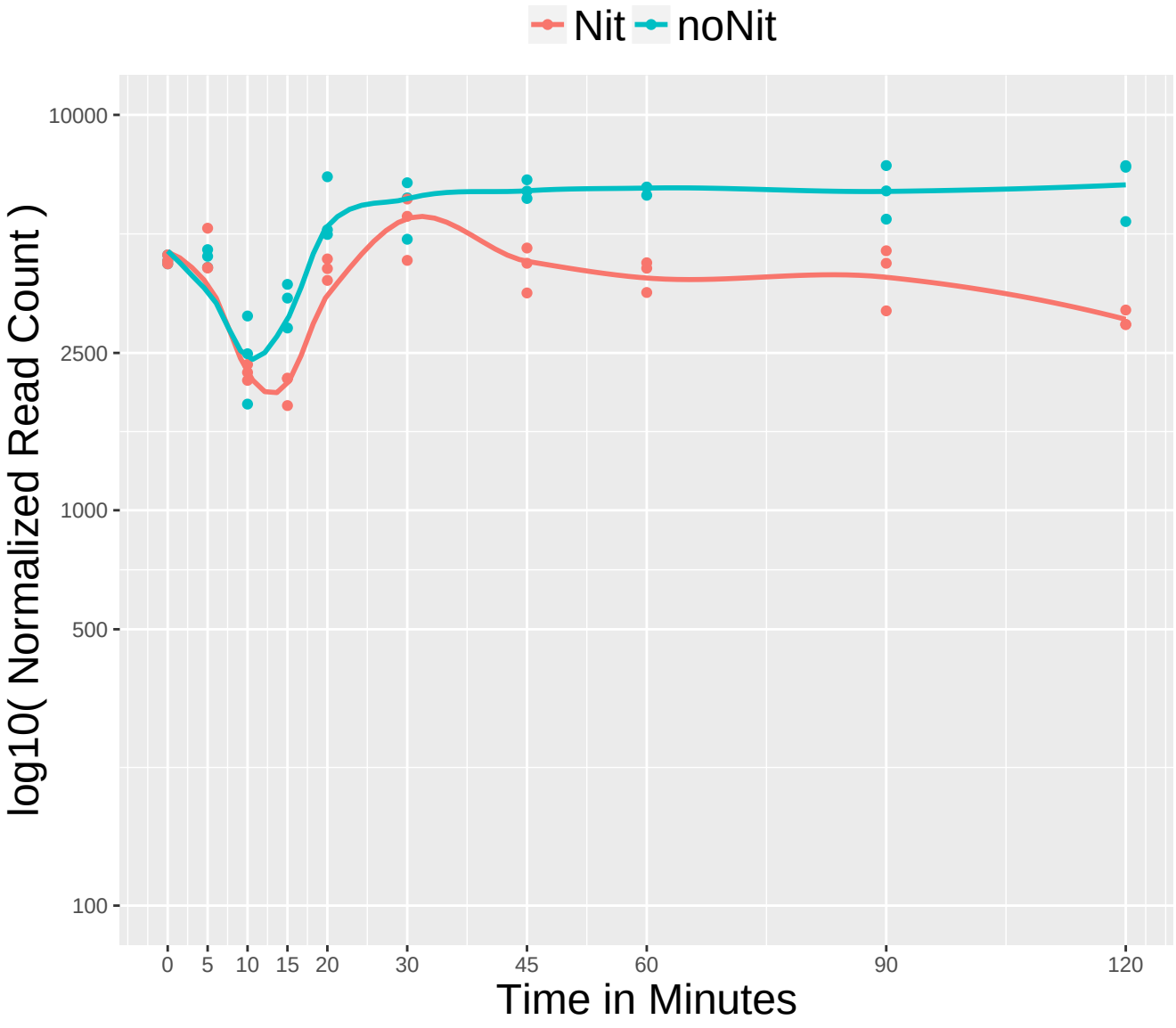
ALDH3H1,aldehyde



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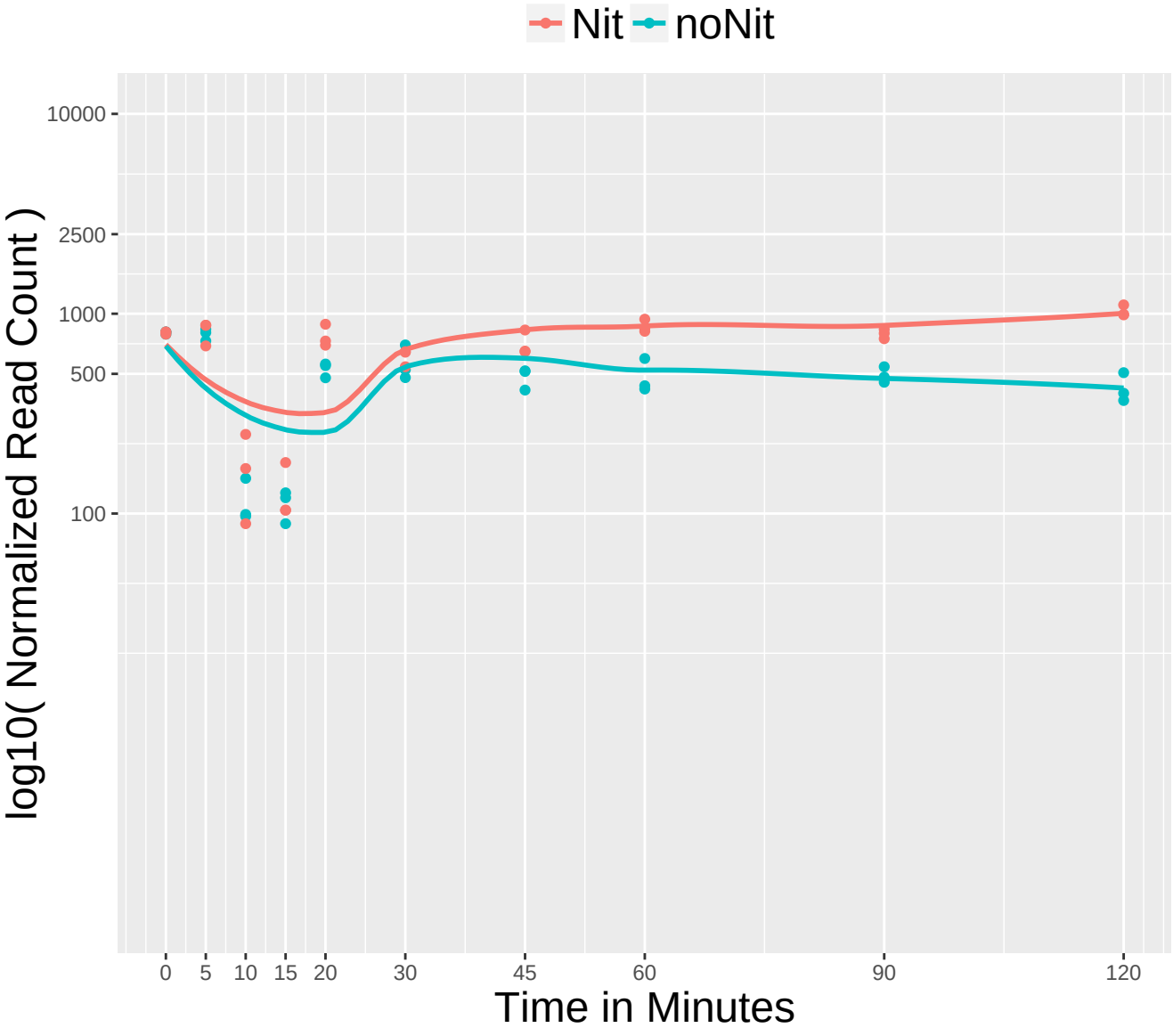
DNA−directed



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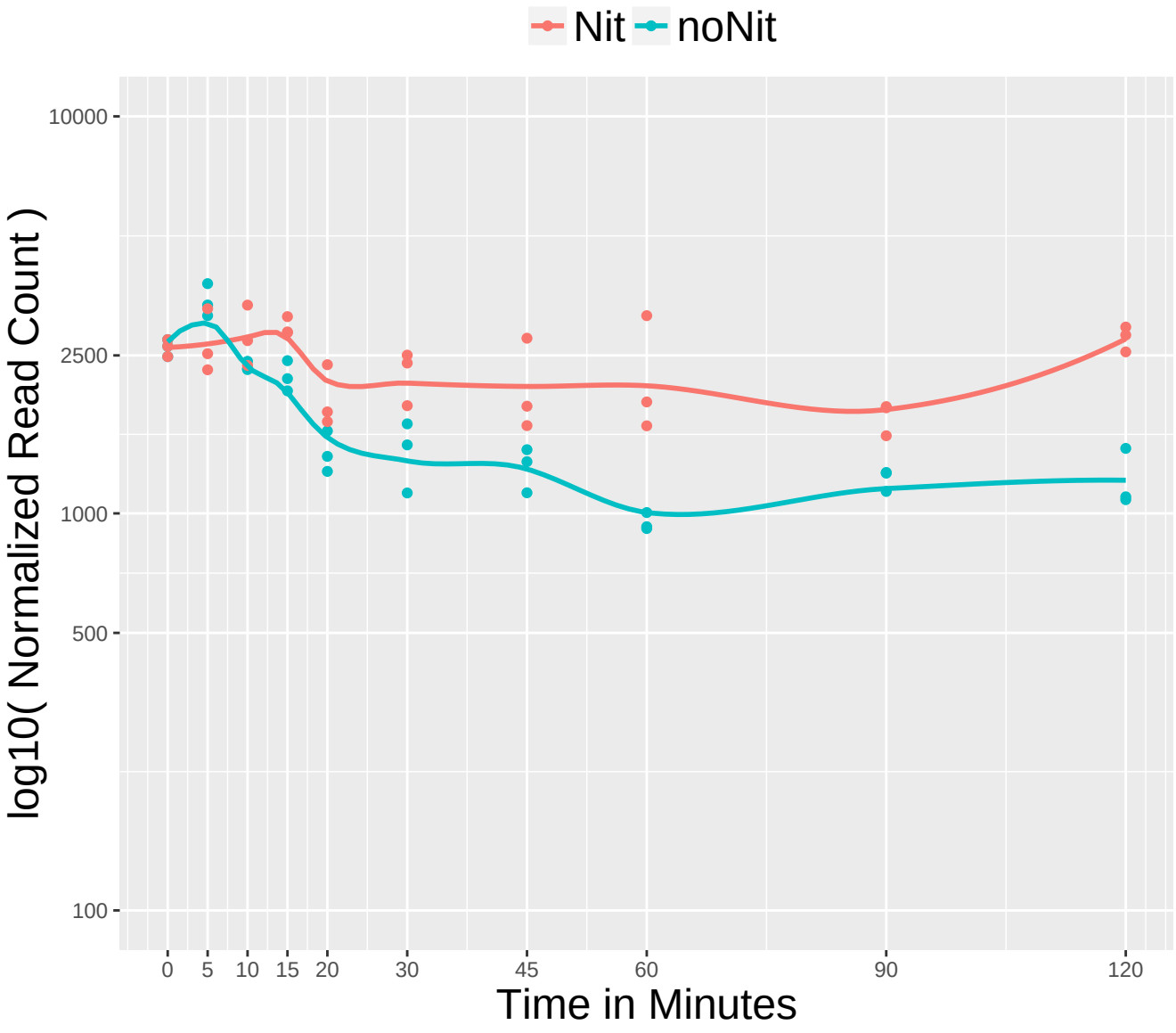
ADF5,actin



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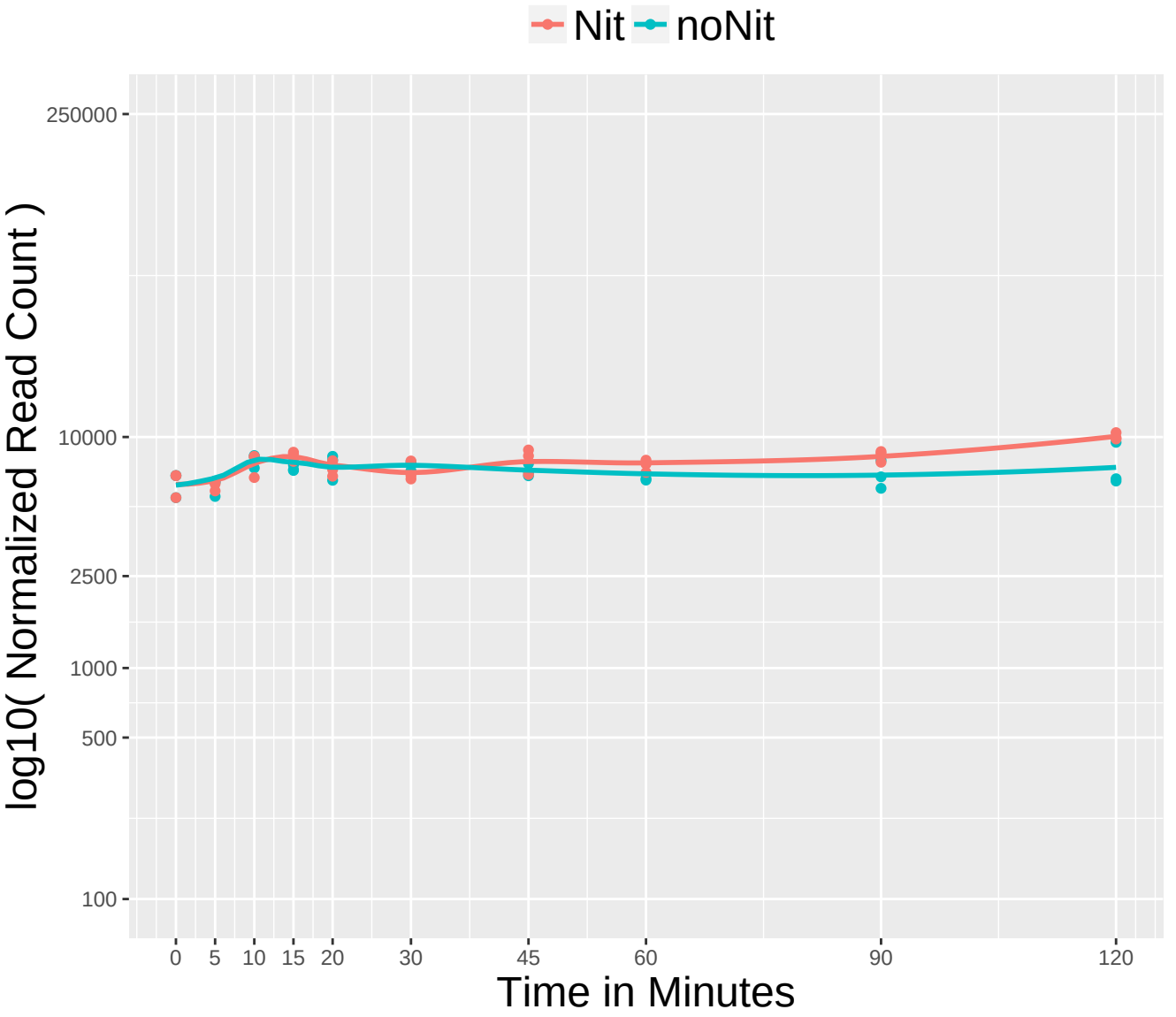

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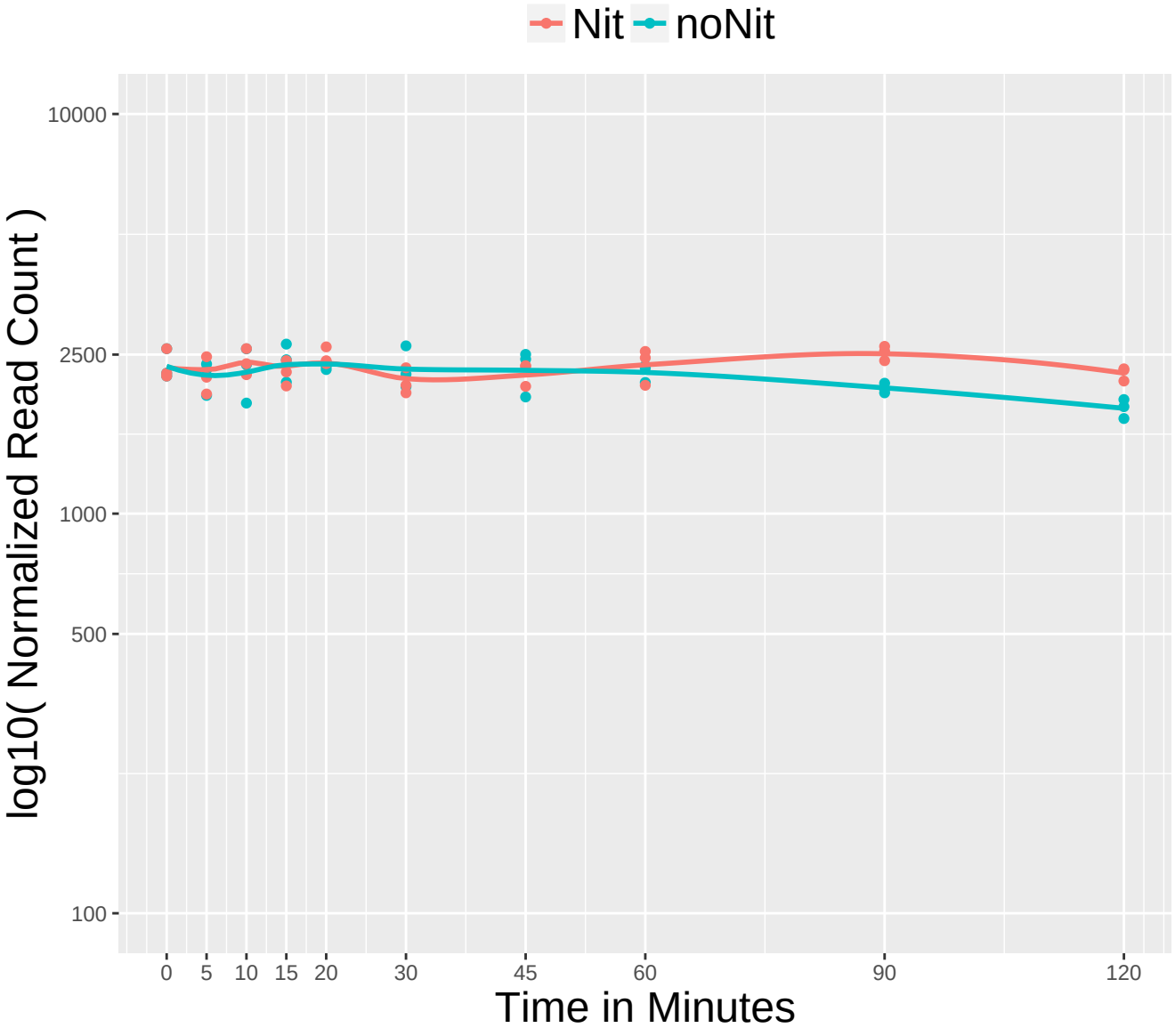

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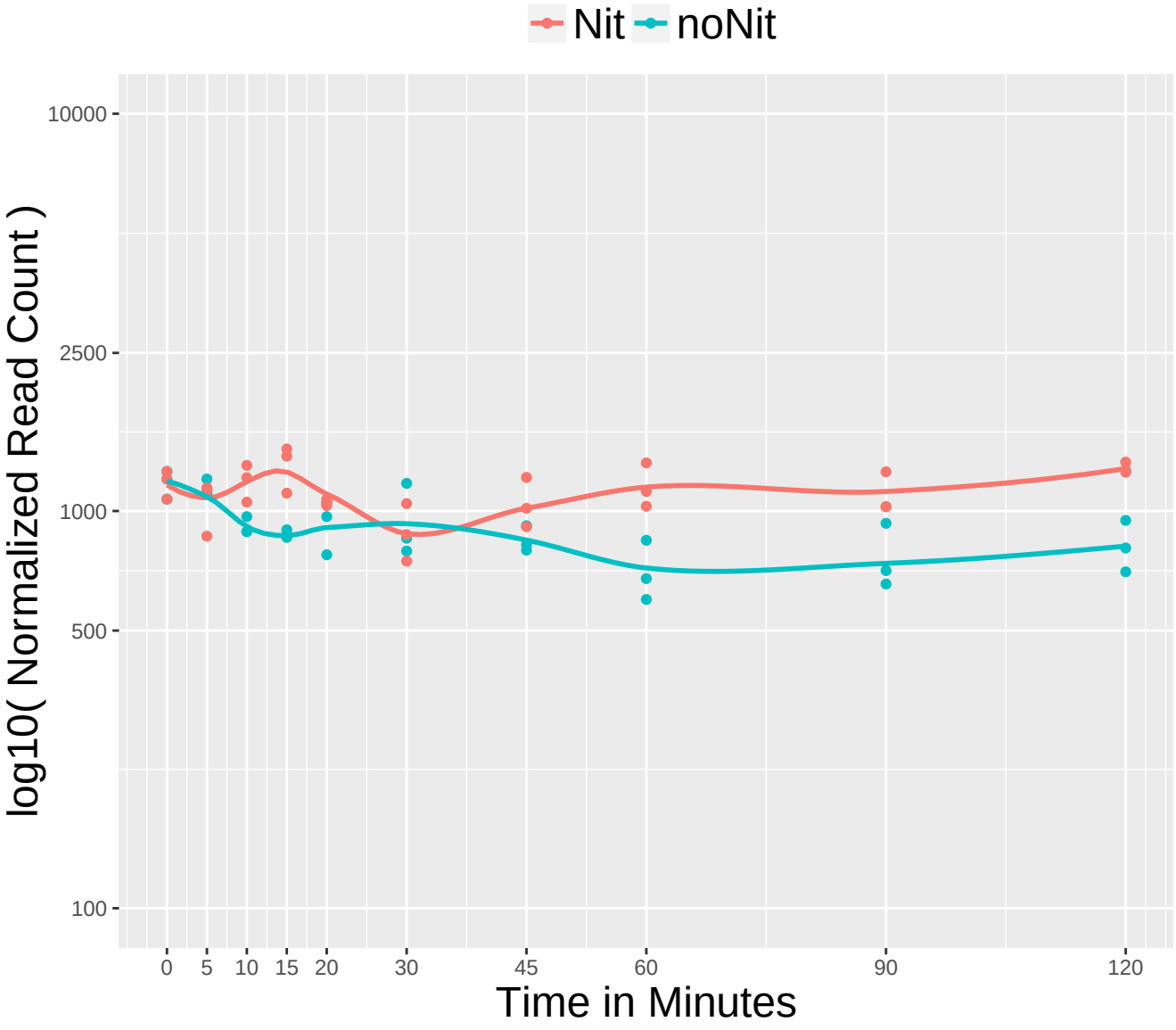
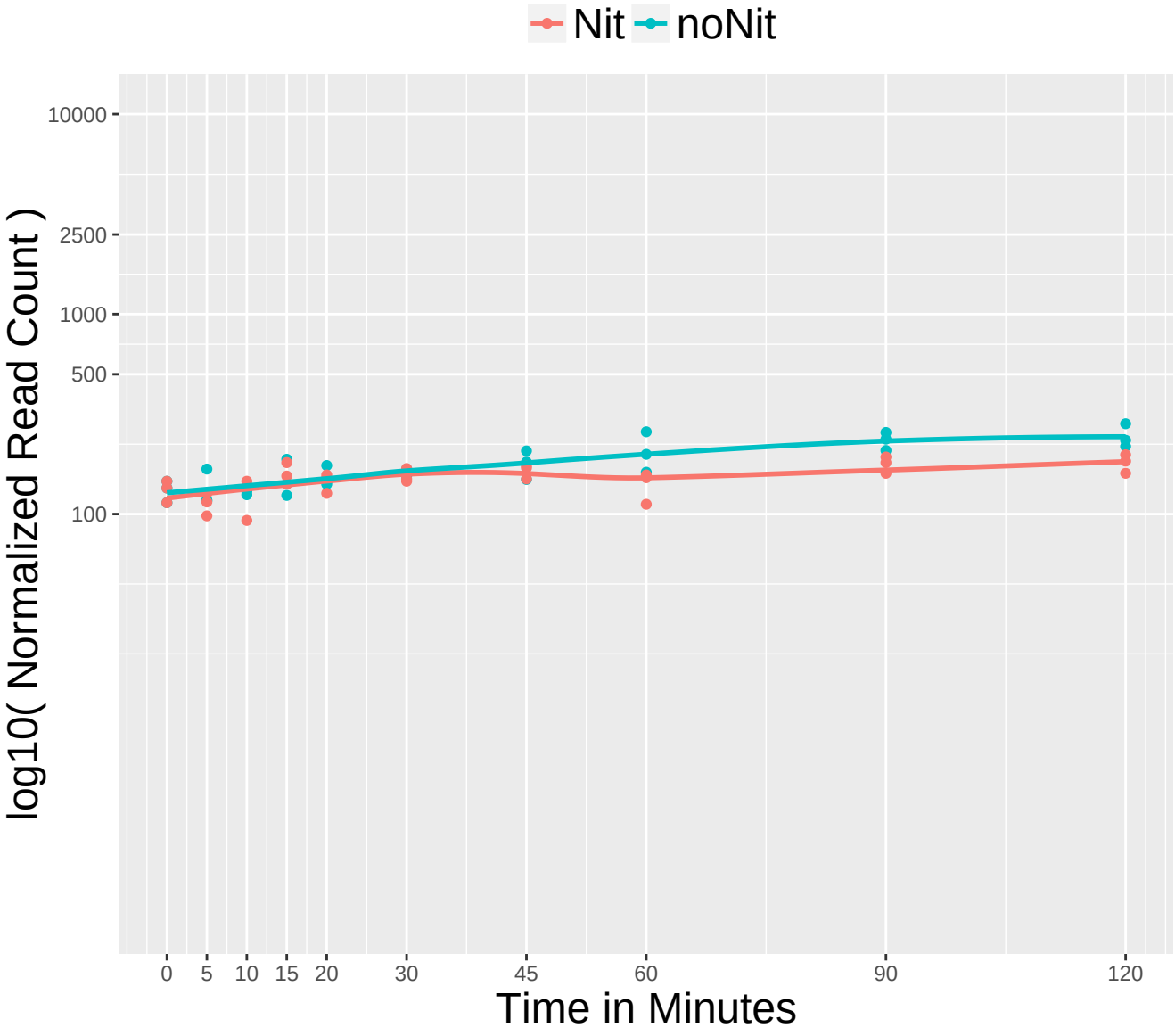


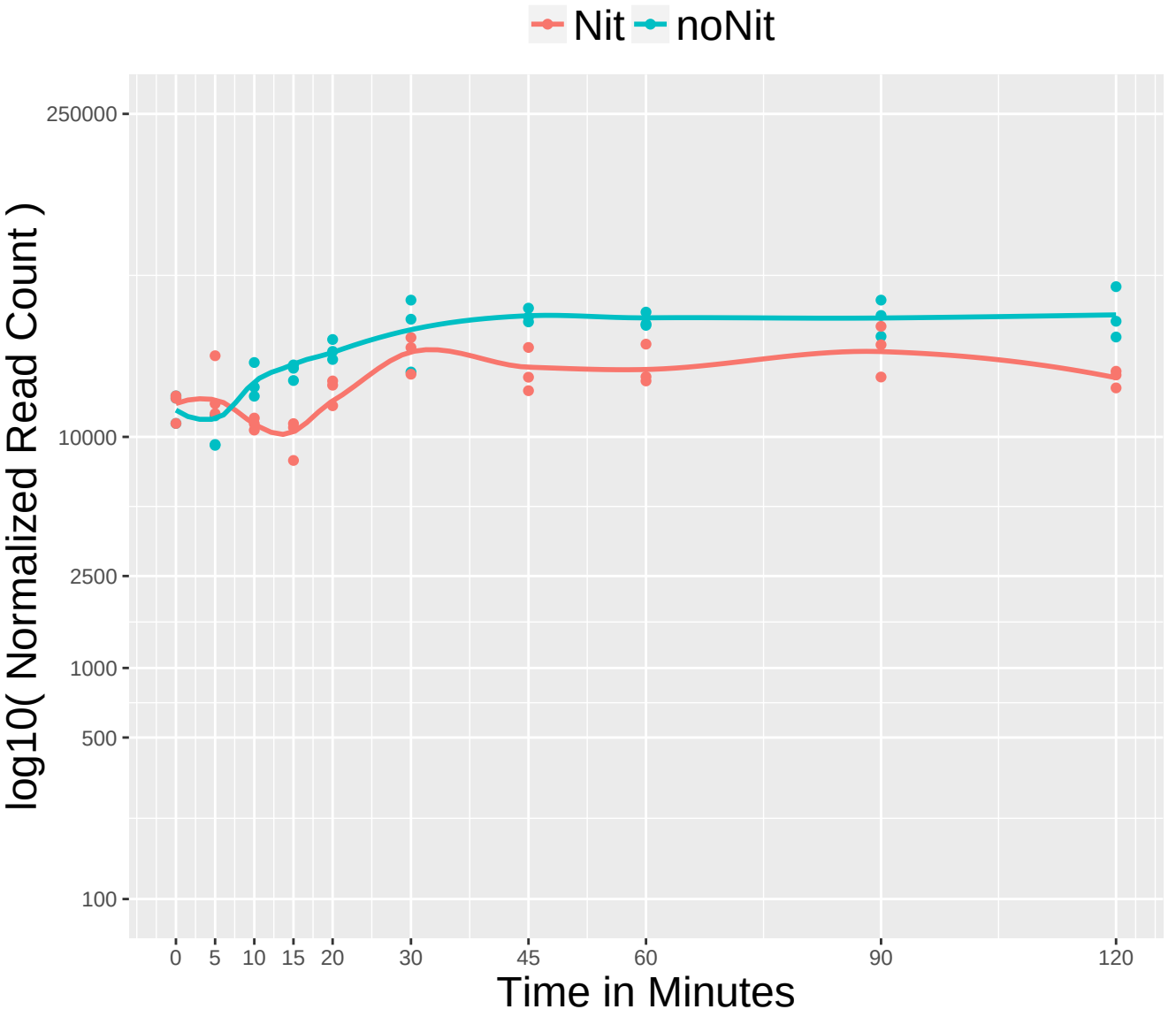
AT3G16320

CDC27a



AT3G16460

JAL34,jacalin−related



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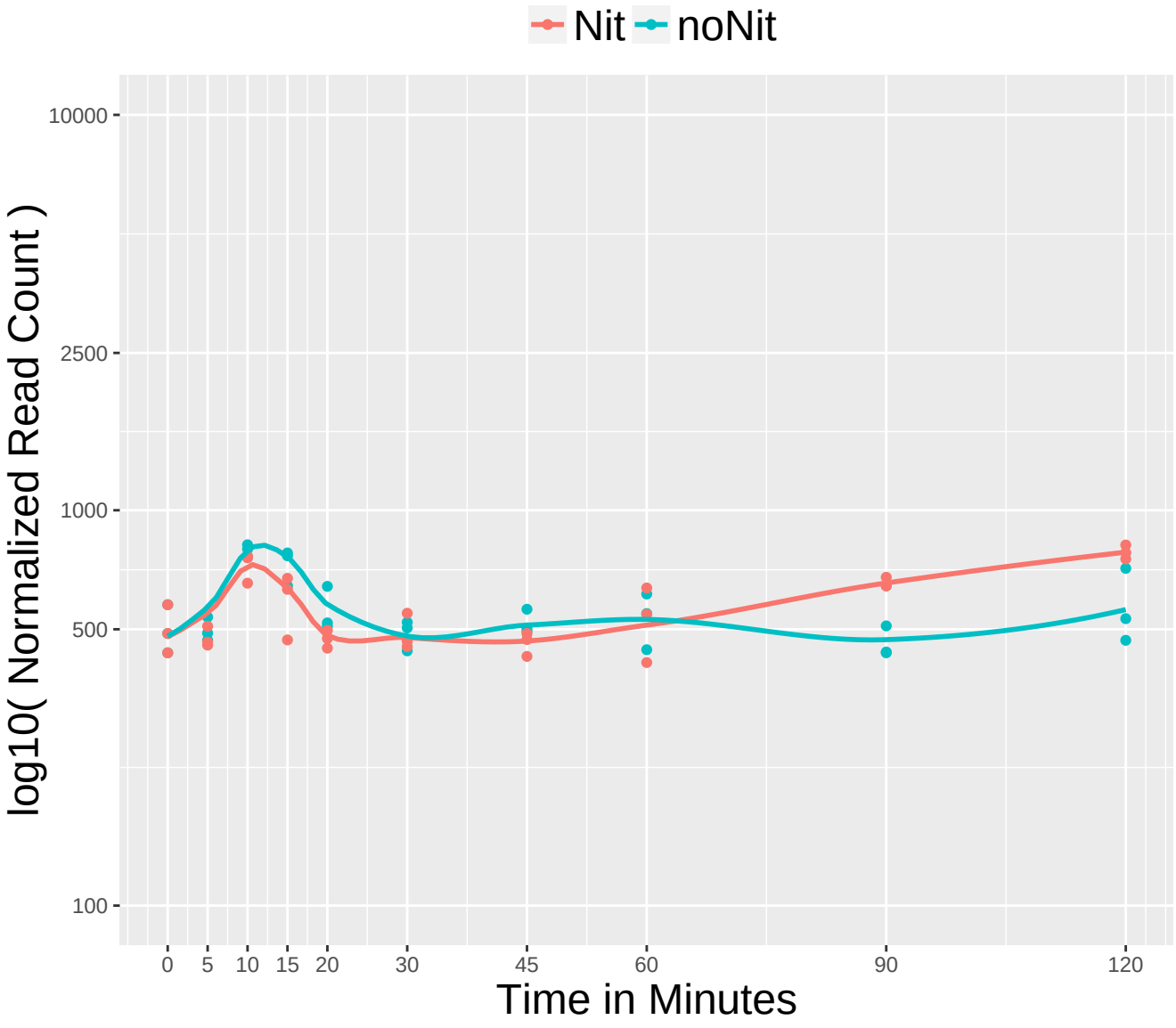
Glycosyl



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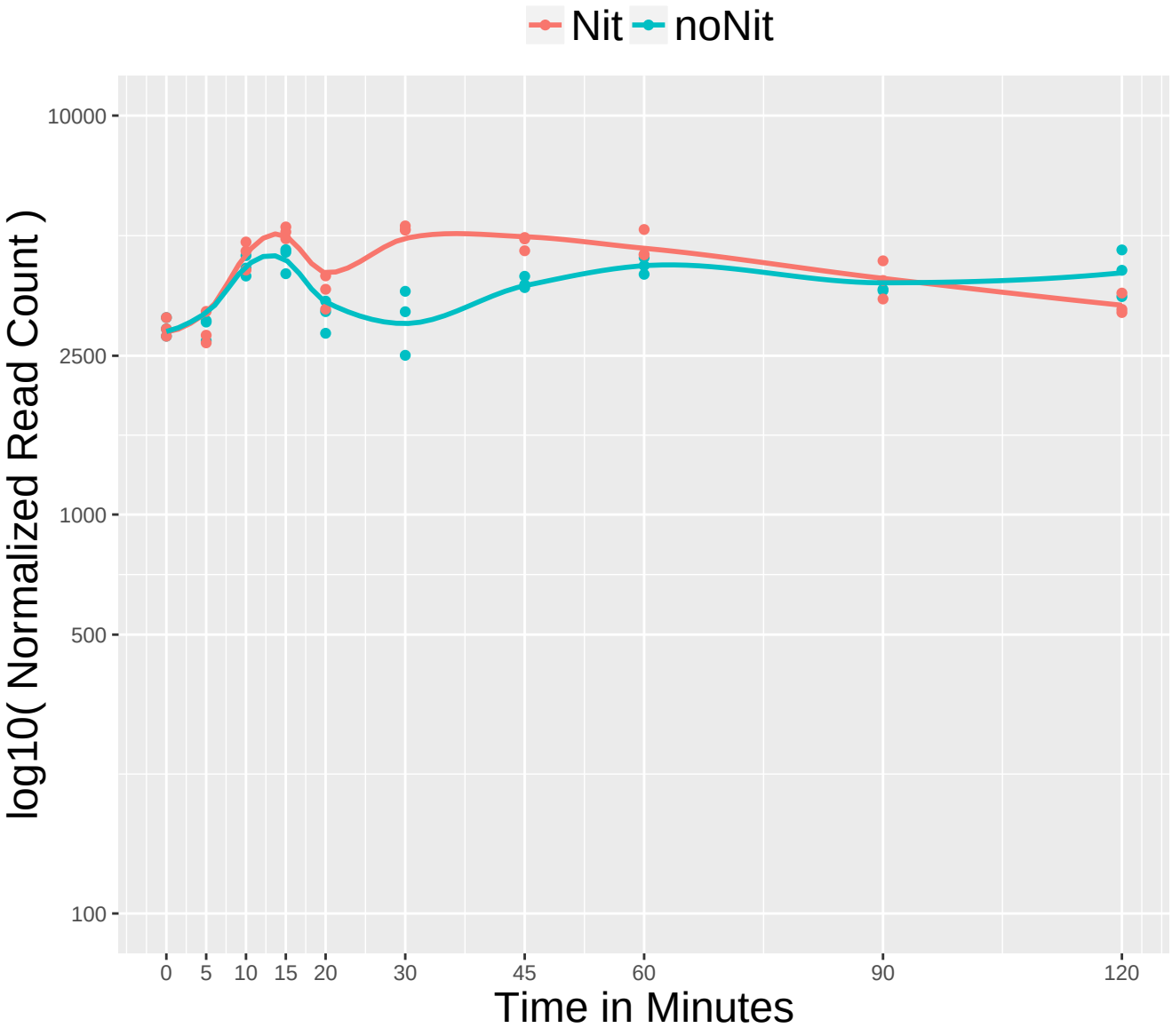
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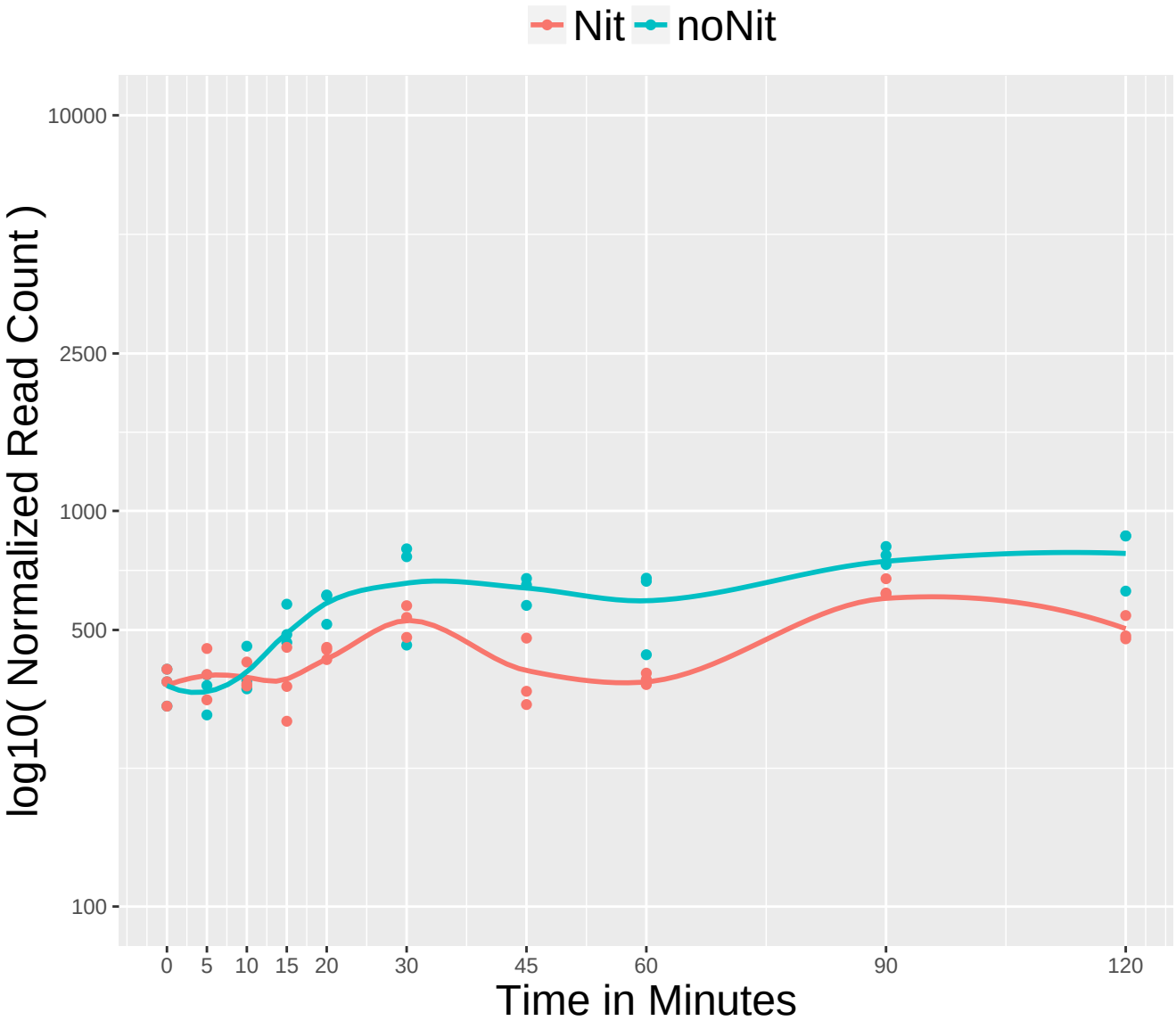
AT4G20840

FAD−binding



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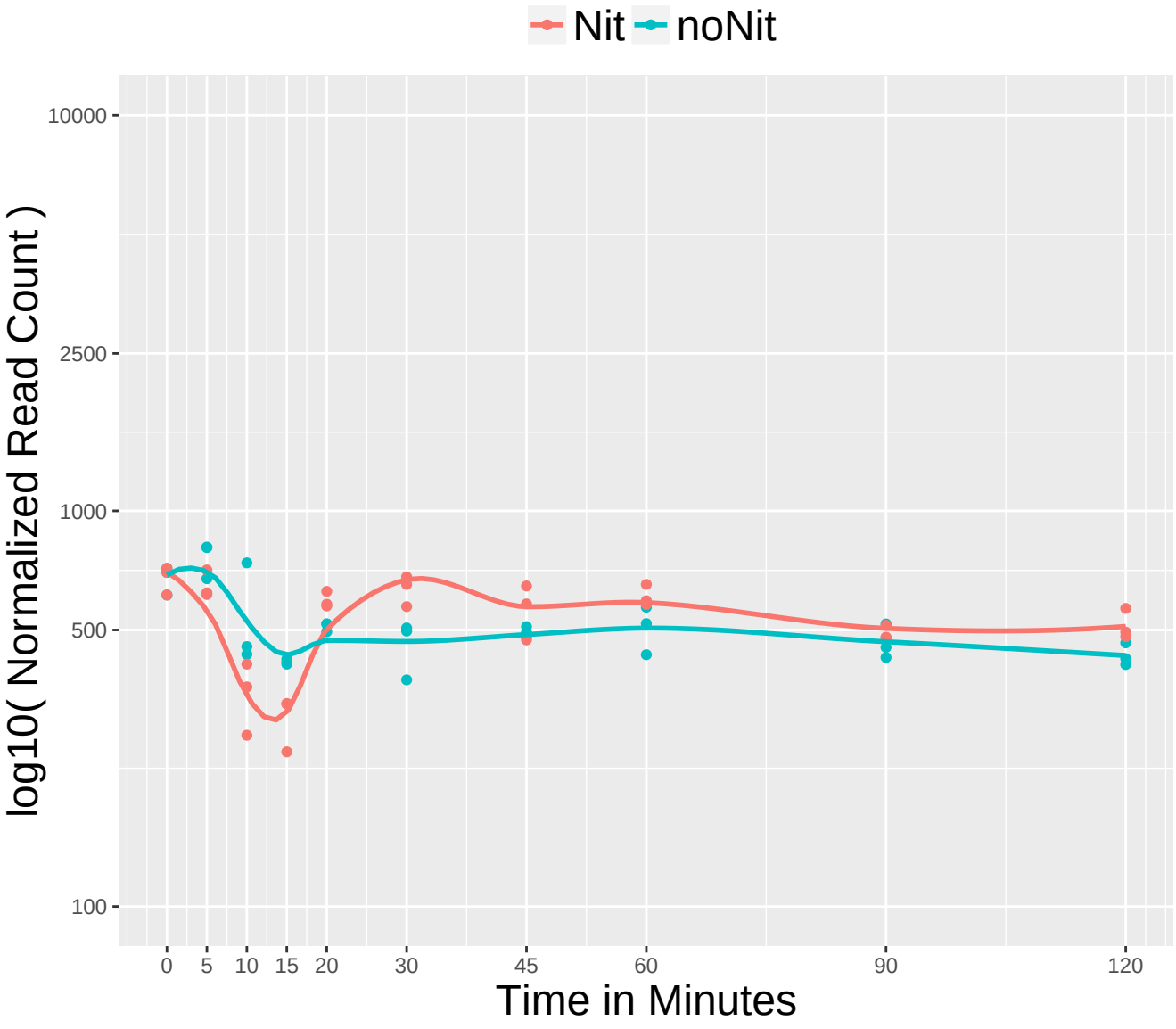
Nucleotide/sugar



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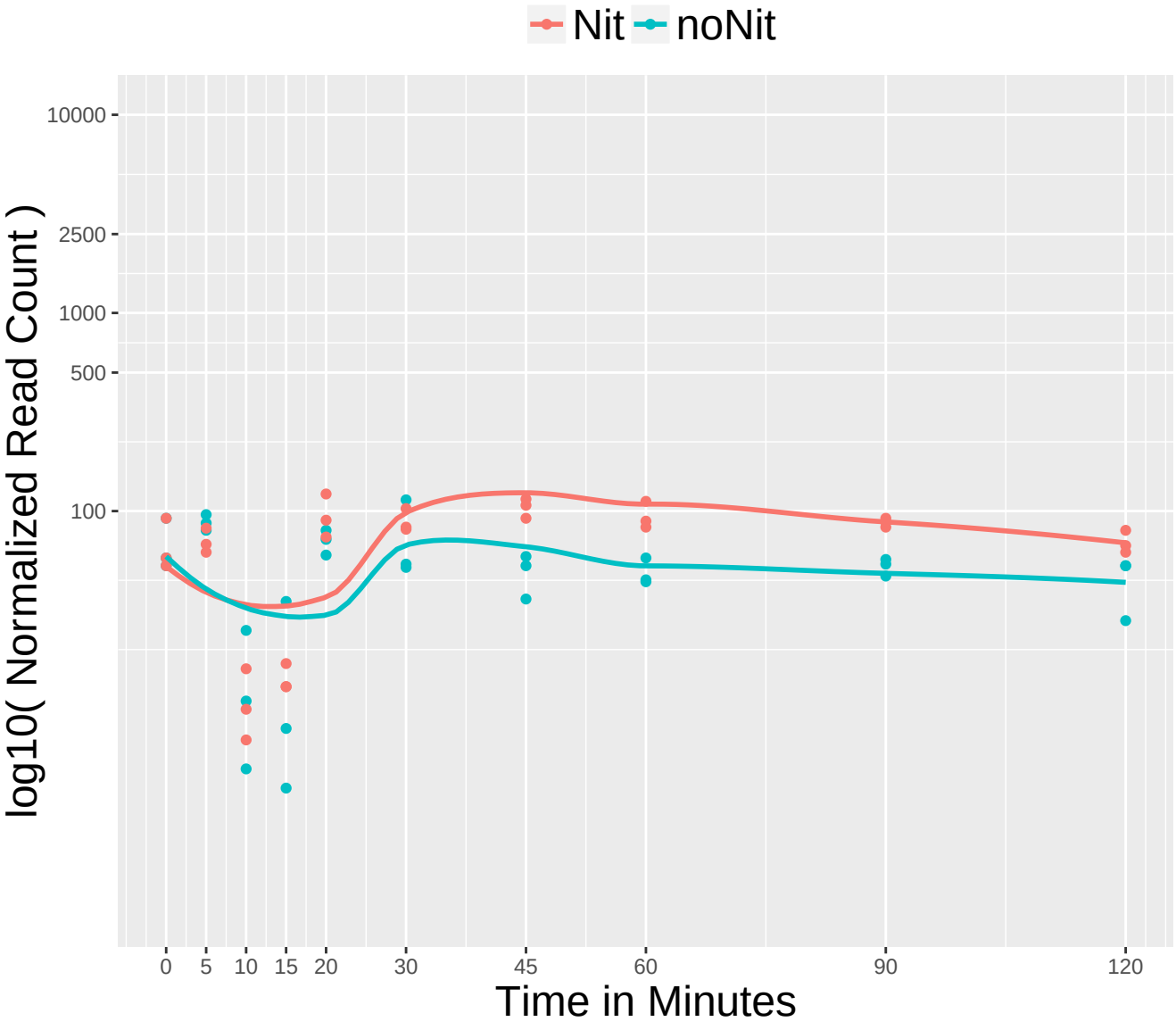
P−loop



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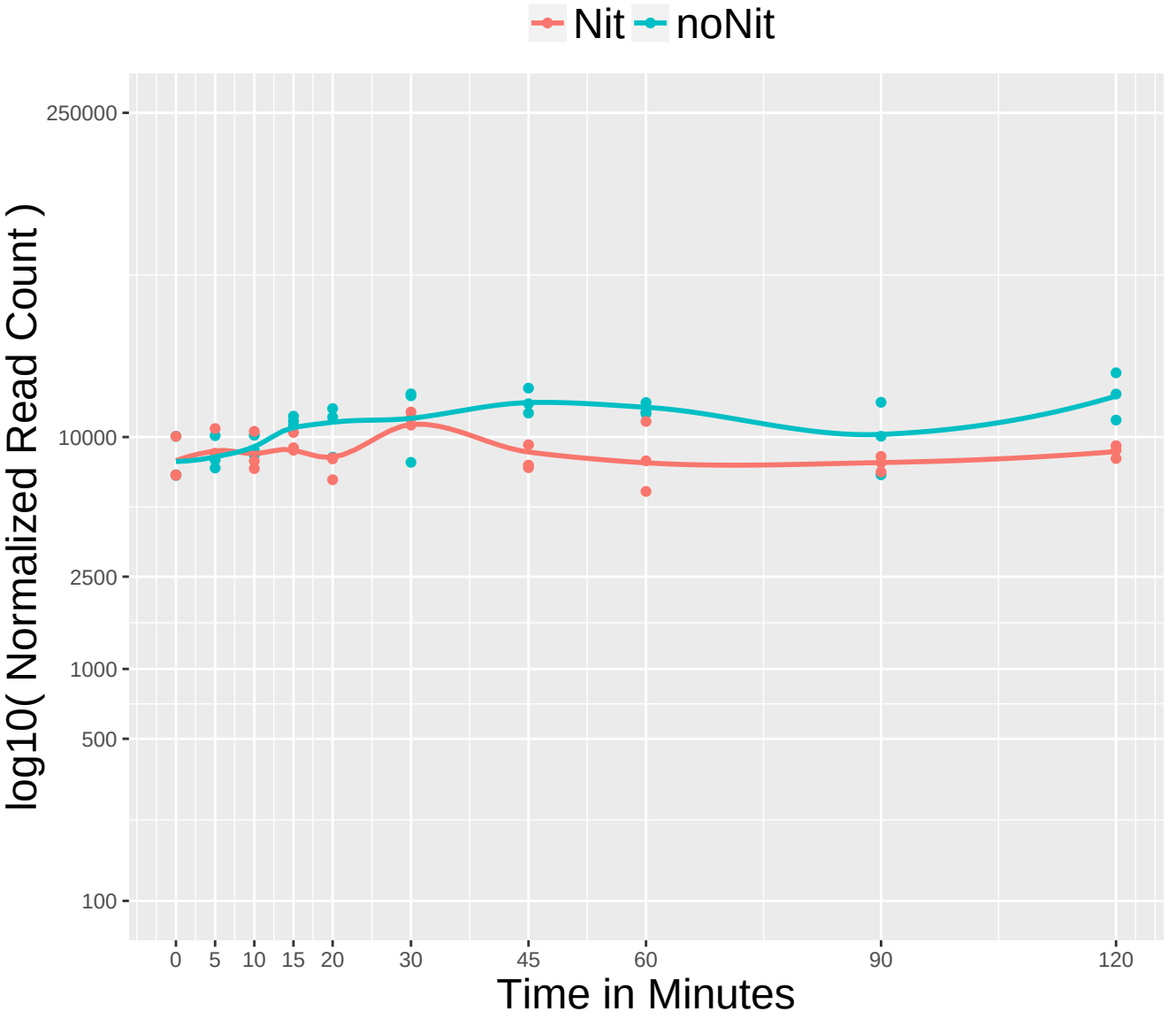
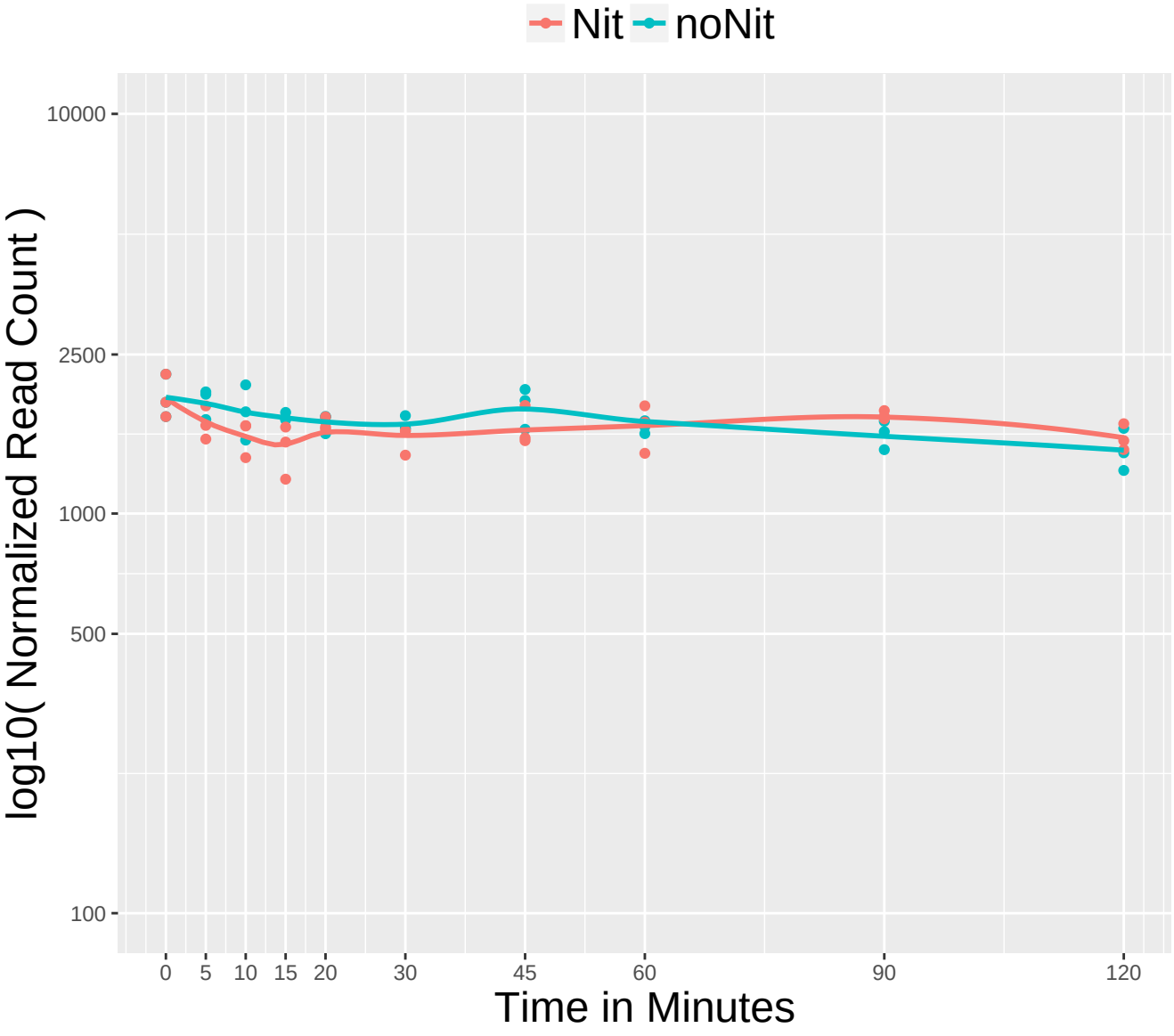
AMT1,A−METHYL



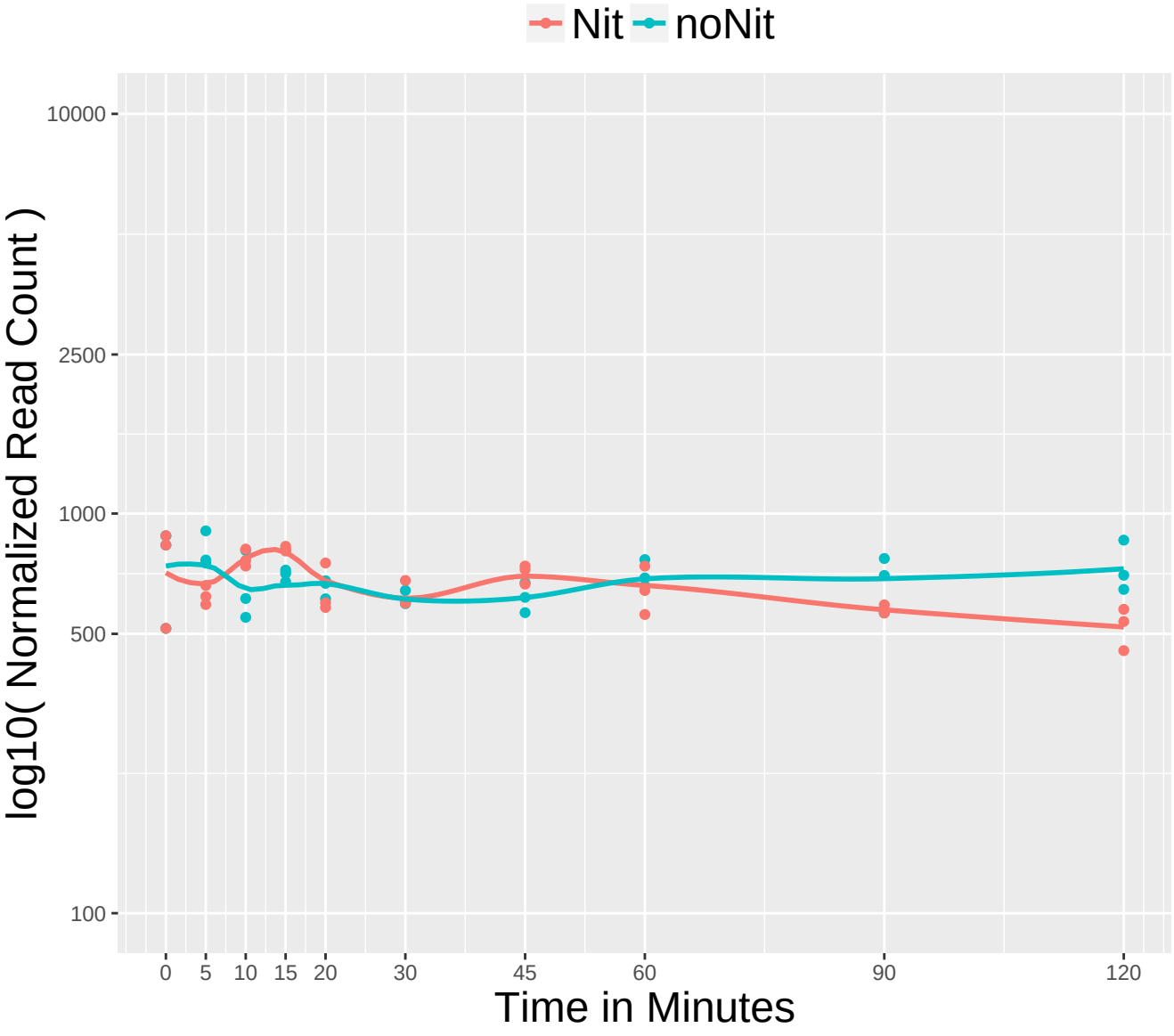
AT5G09670

loricrin−related



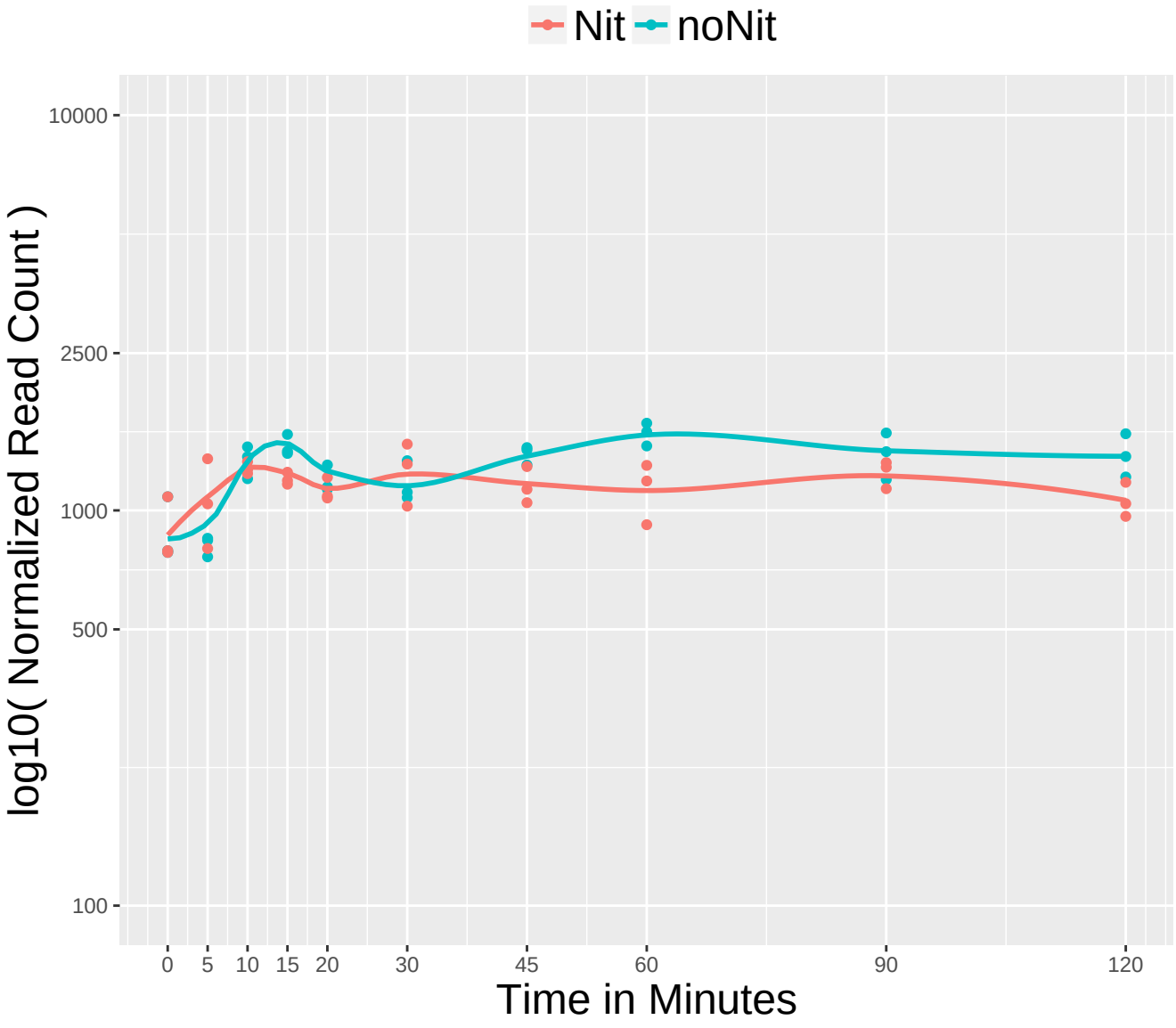
AT5G45560

Pleckstrin



AT5G58940

CRCK1,calmodulin−binding



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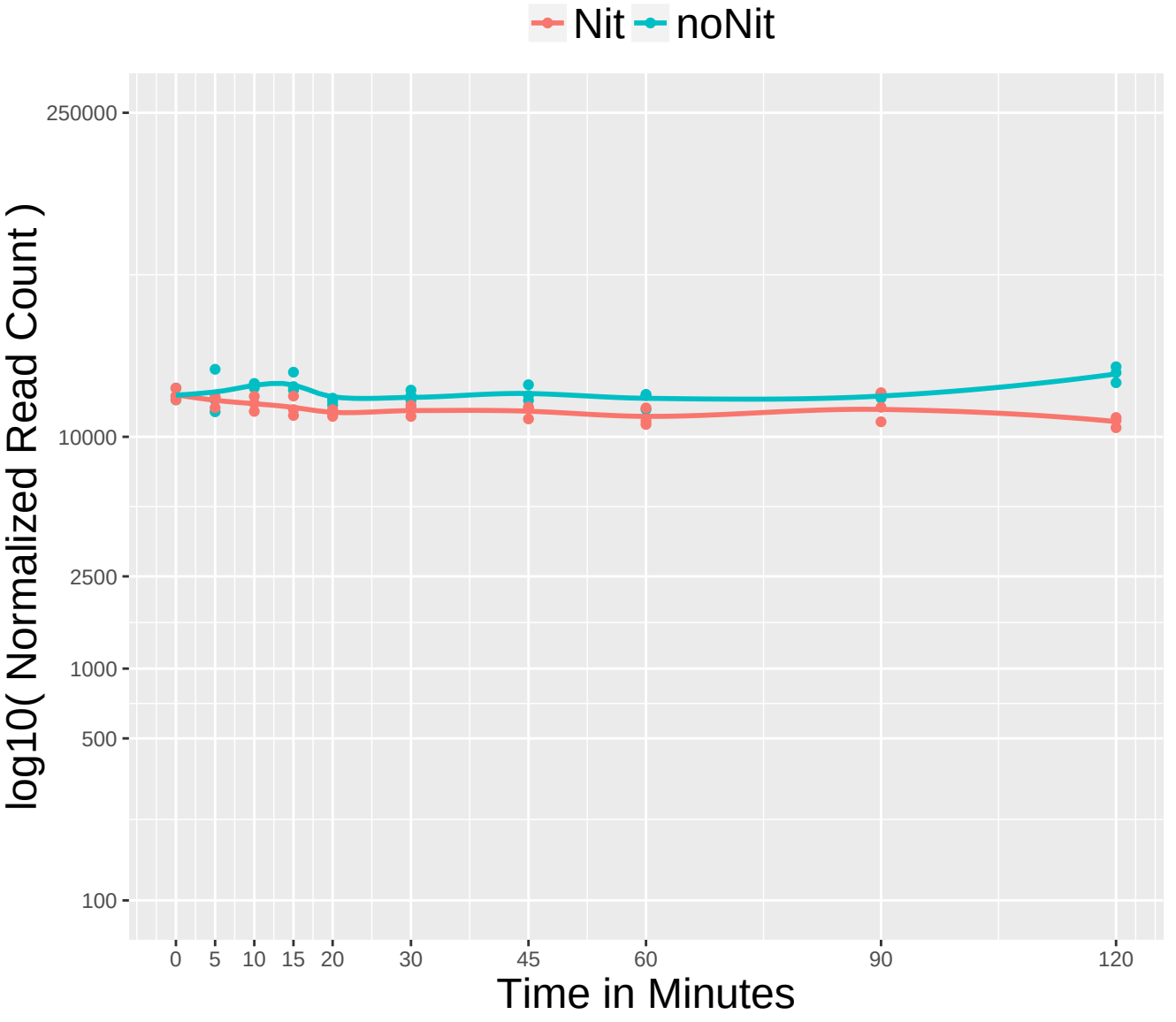
ATCNX1,,CNX1,calnexin



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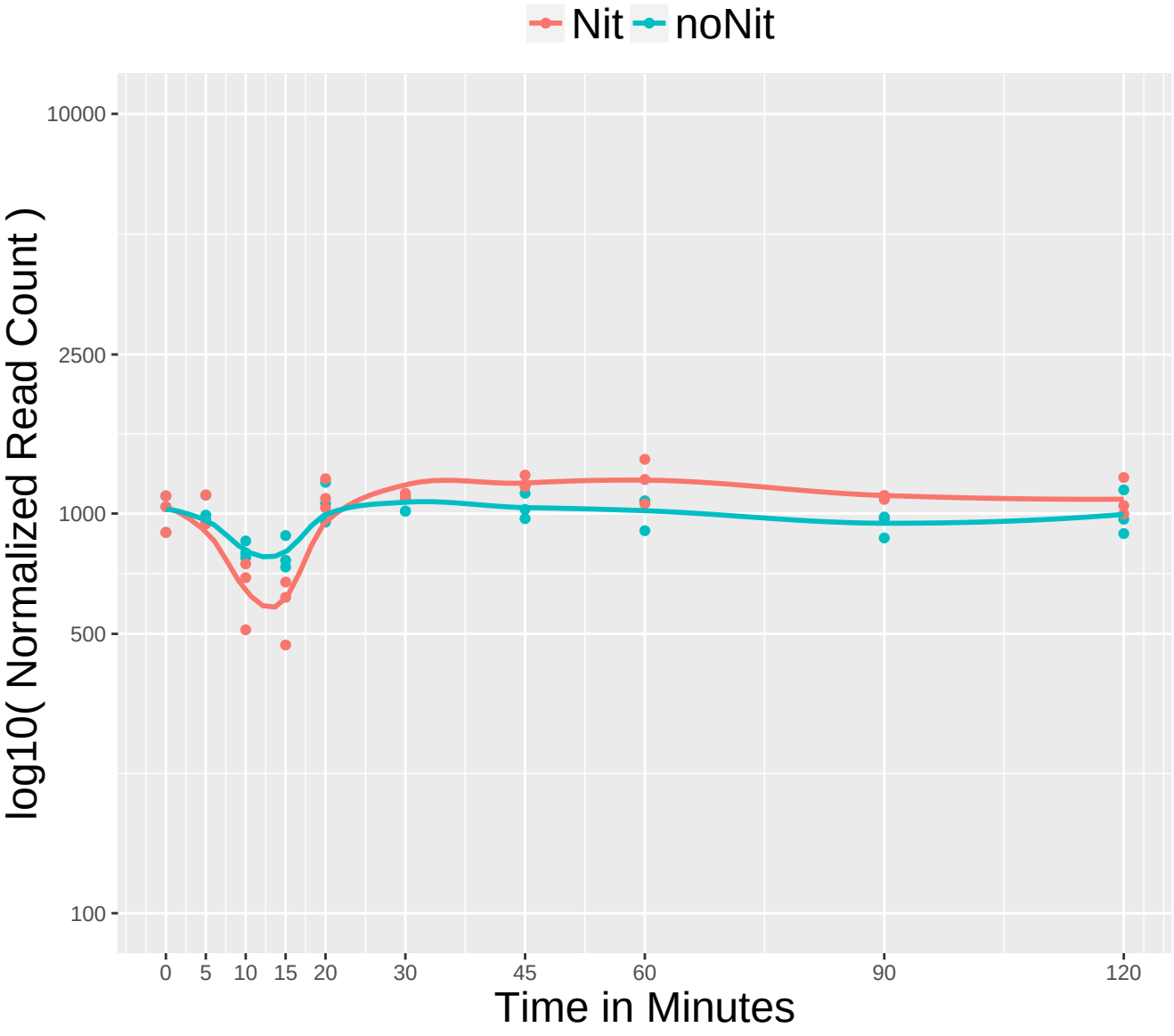
Protein



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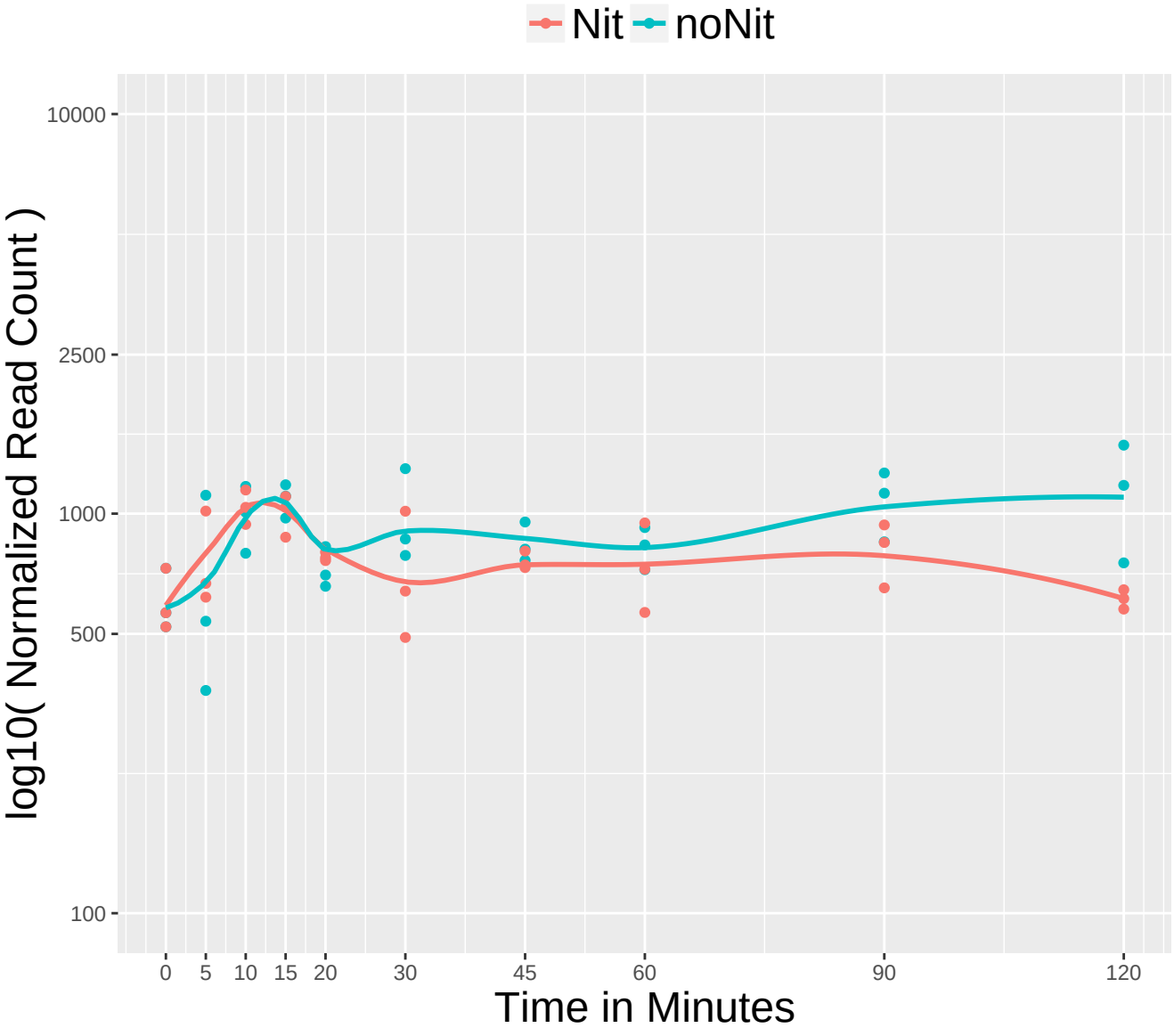
Sulfite



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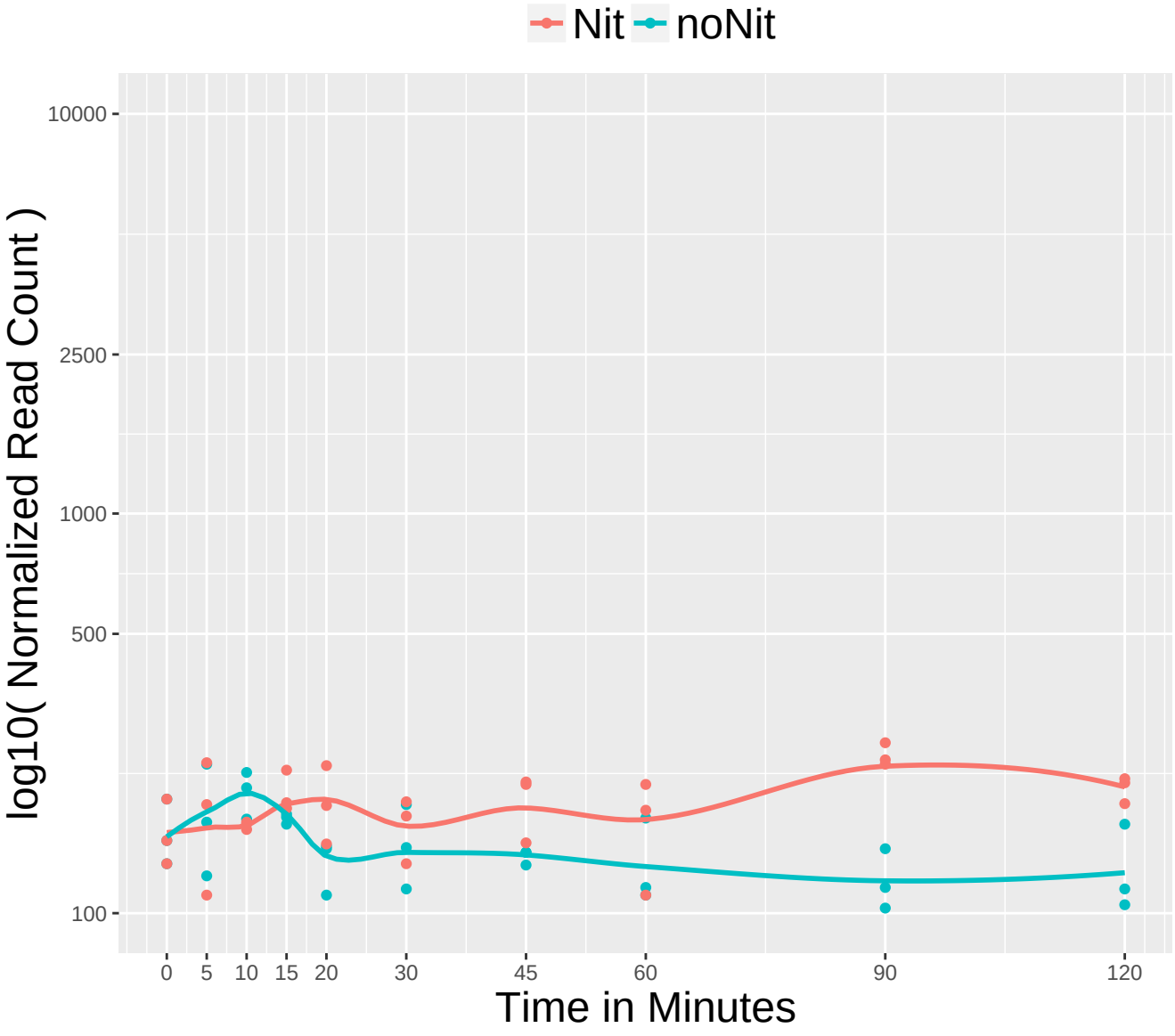
Wall−associated



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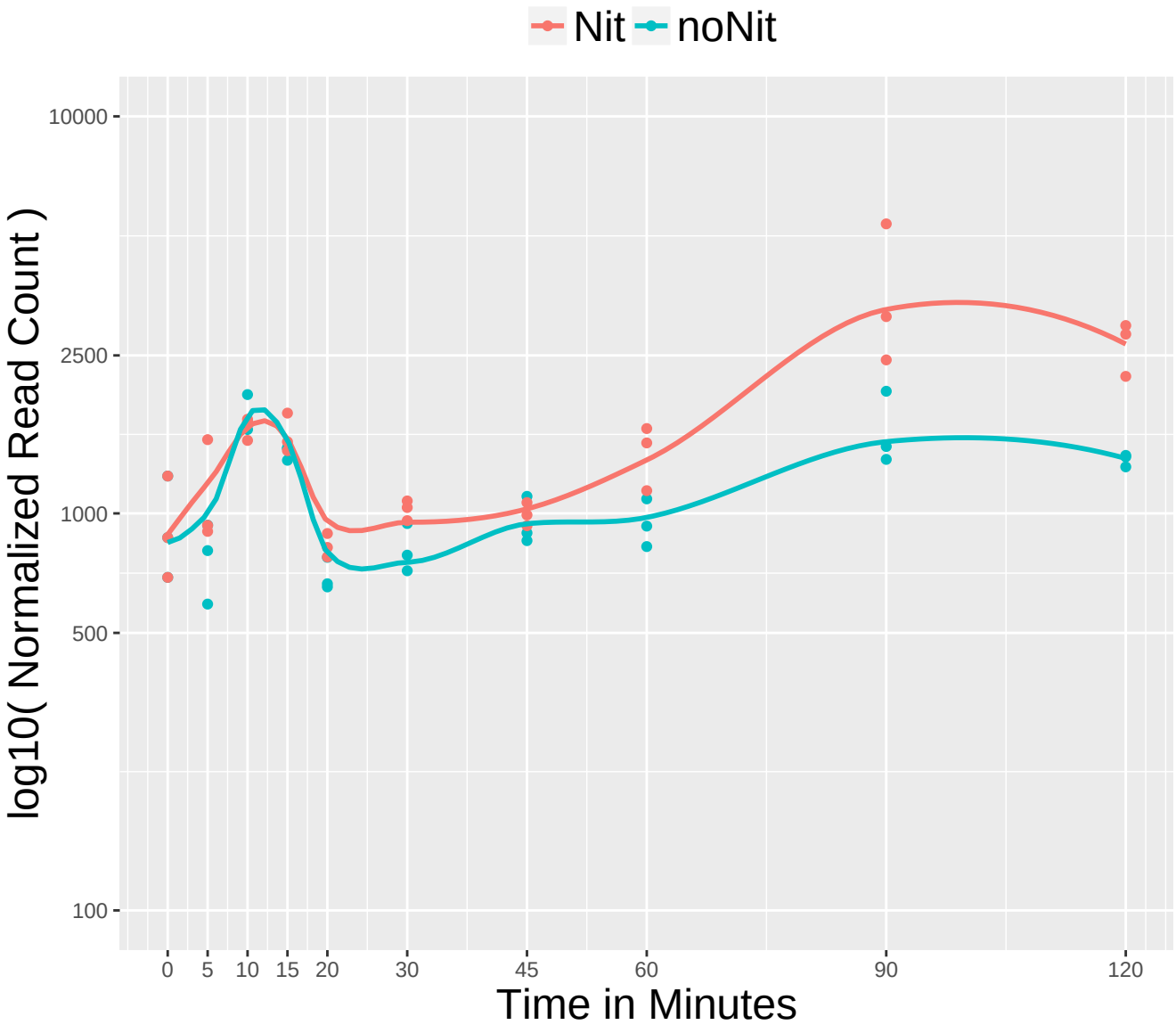
EDF1,ETHYLENE



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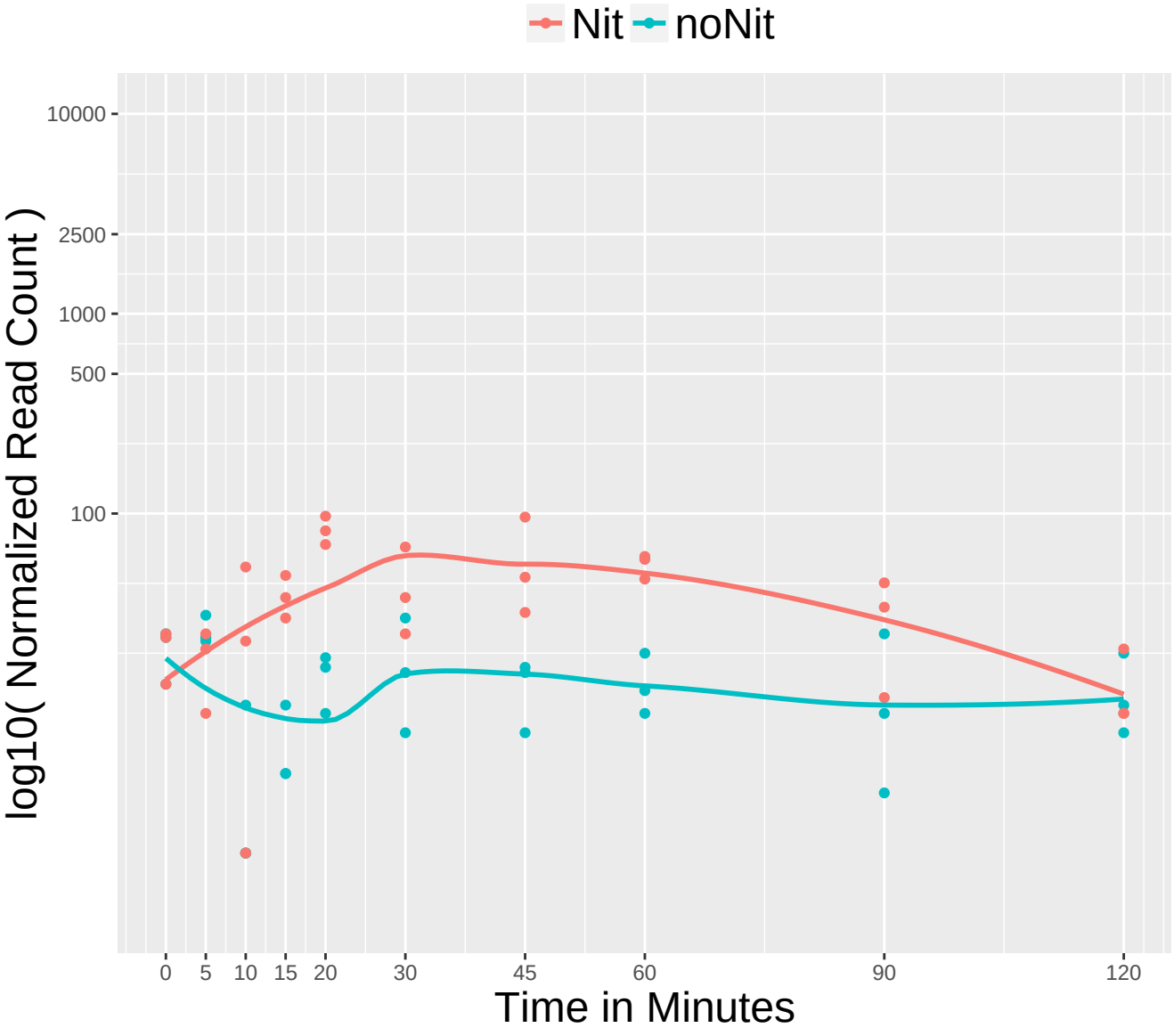

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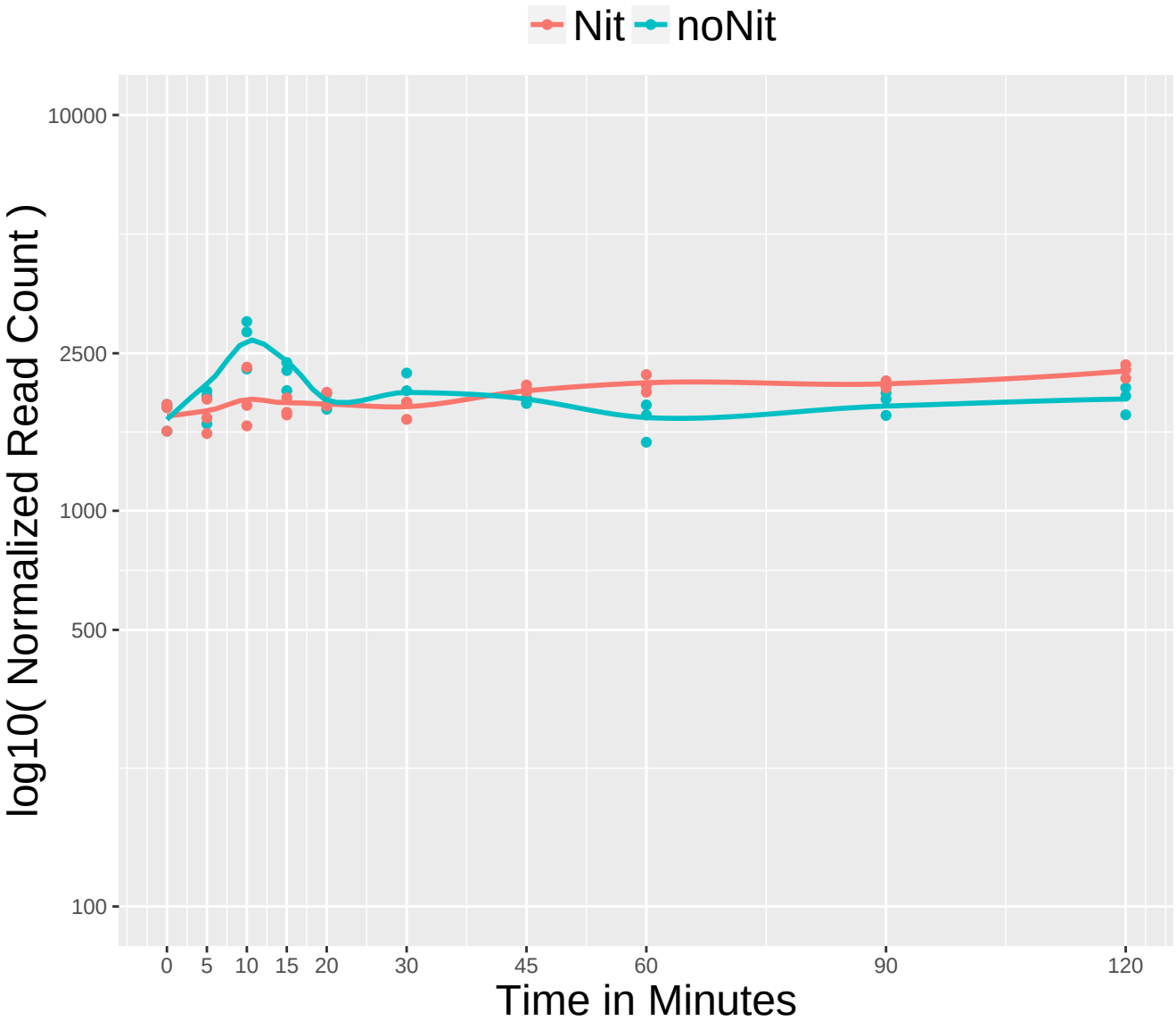
hydroxyproline−rich



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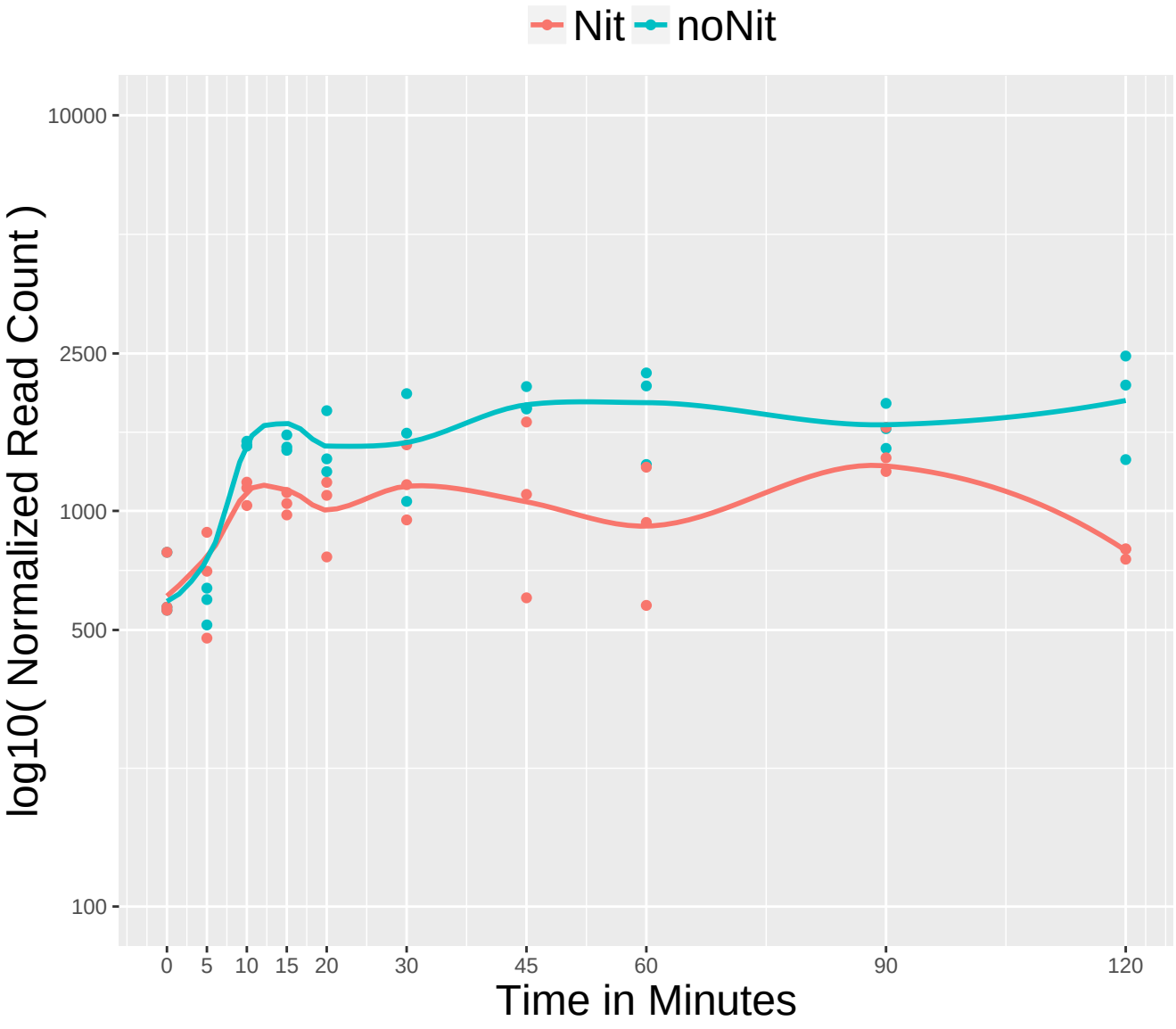
ATATG18H,homolog



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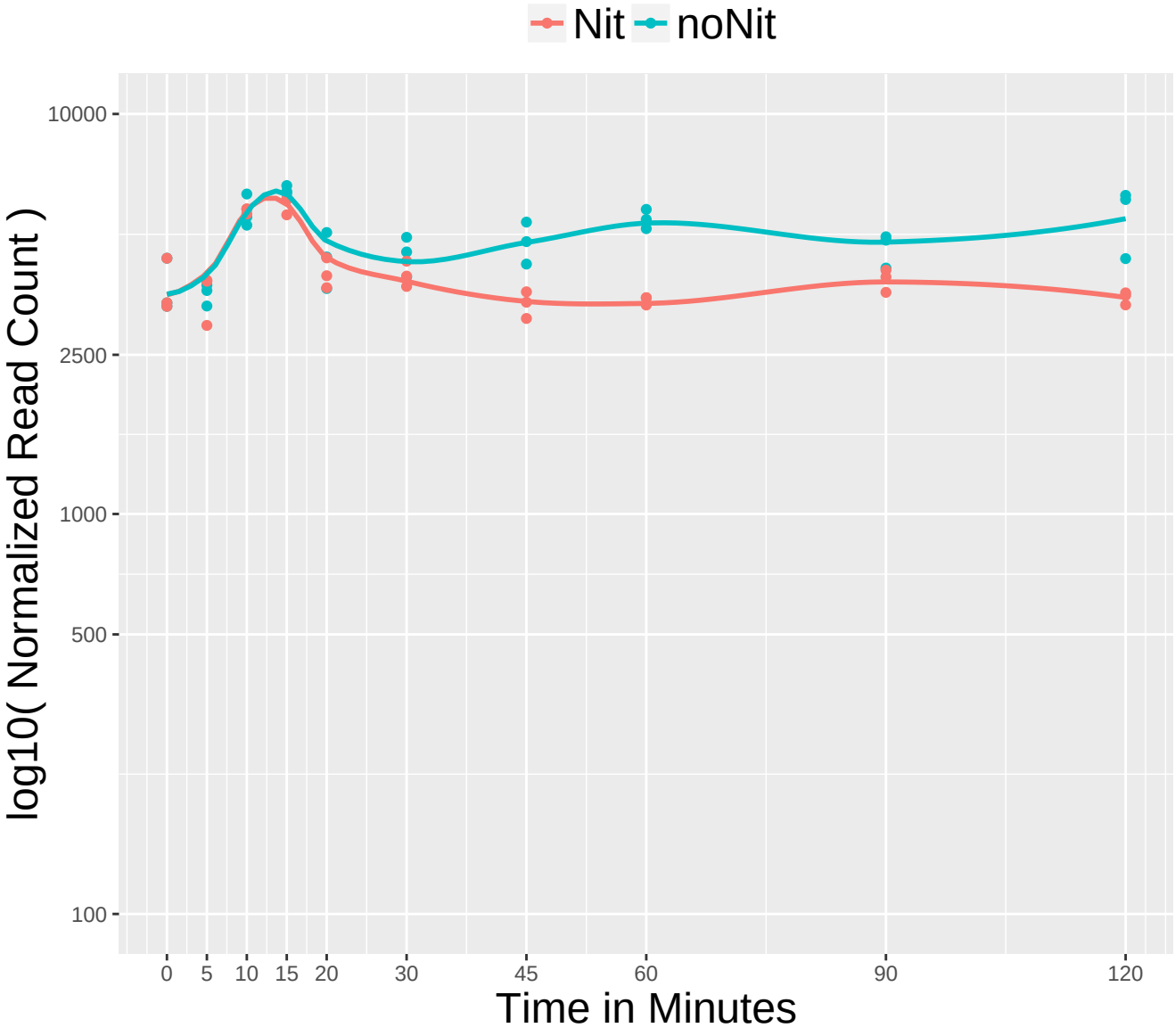
Leucine−rich



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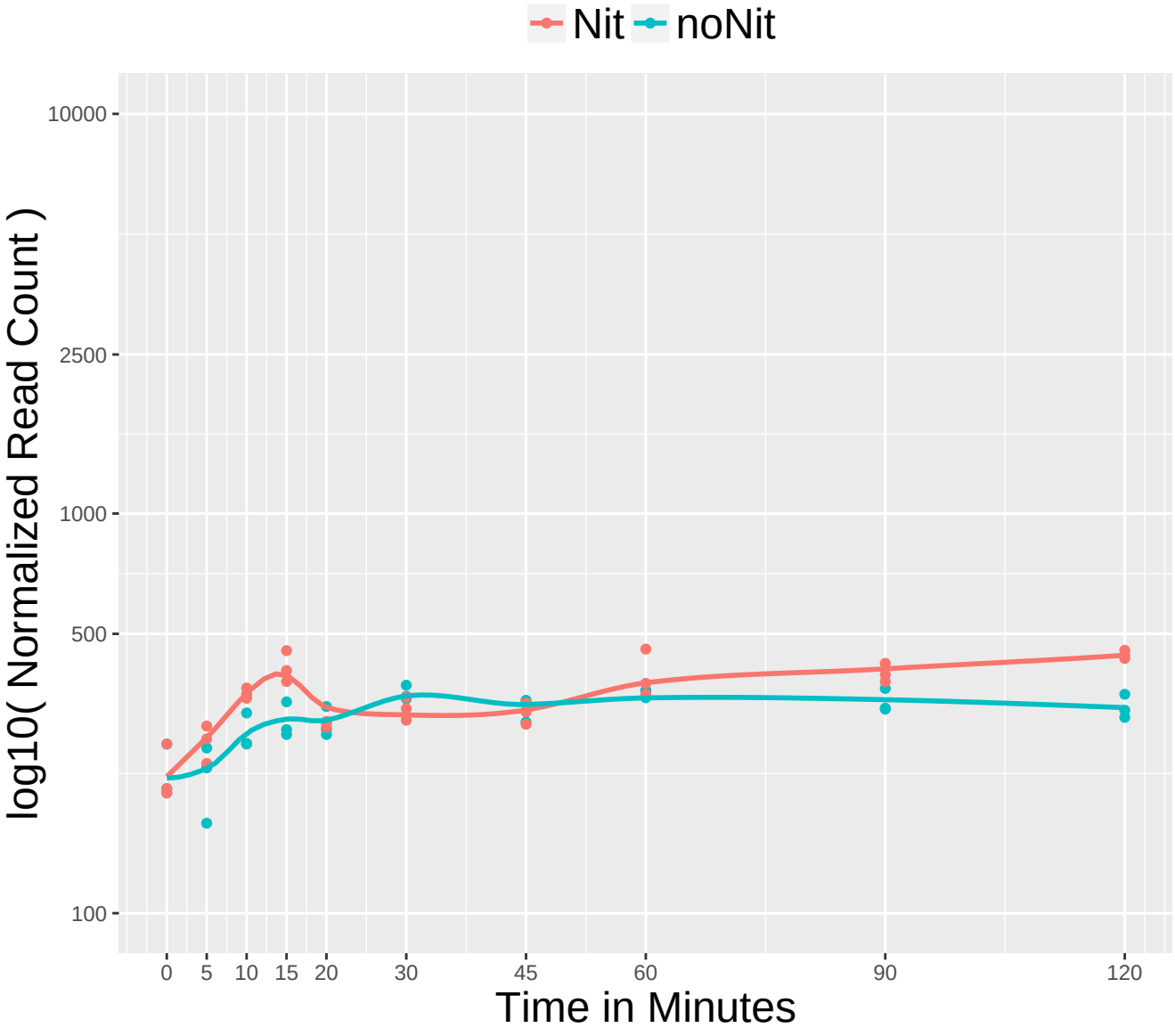
Mitochondrial



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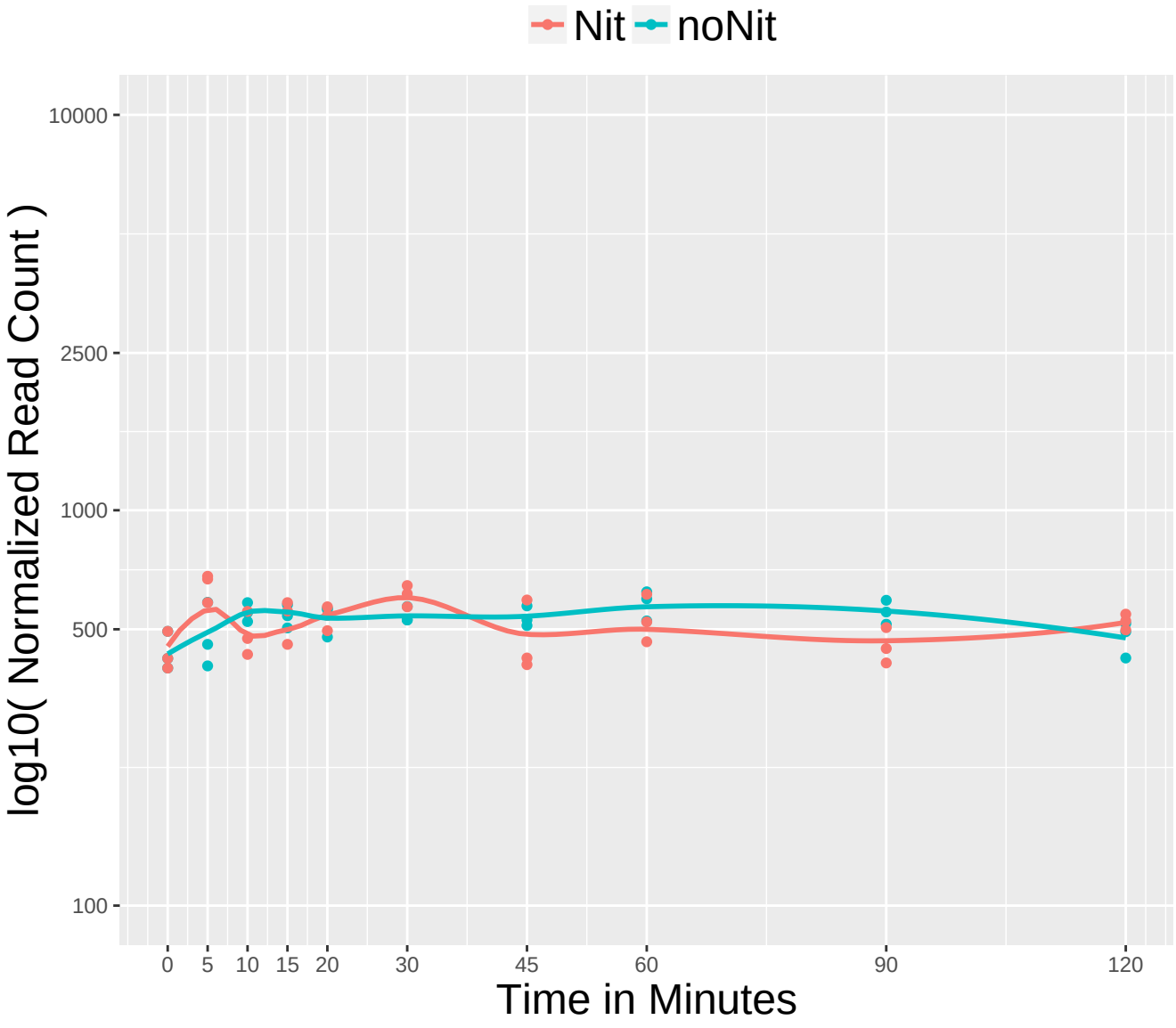
Eukaryotic



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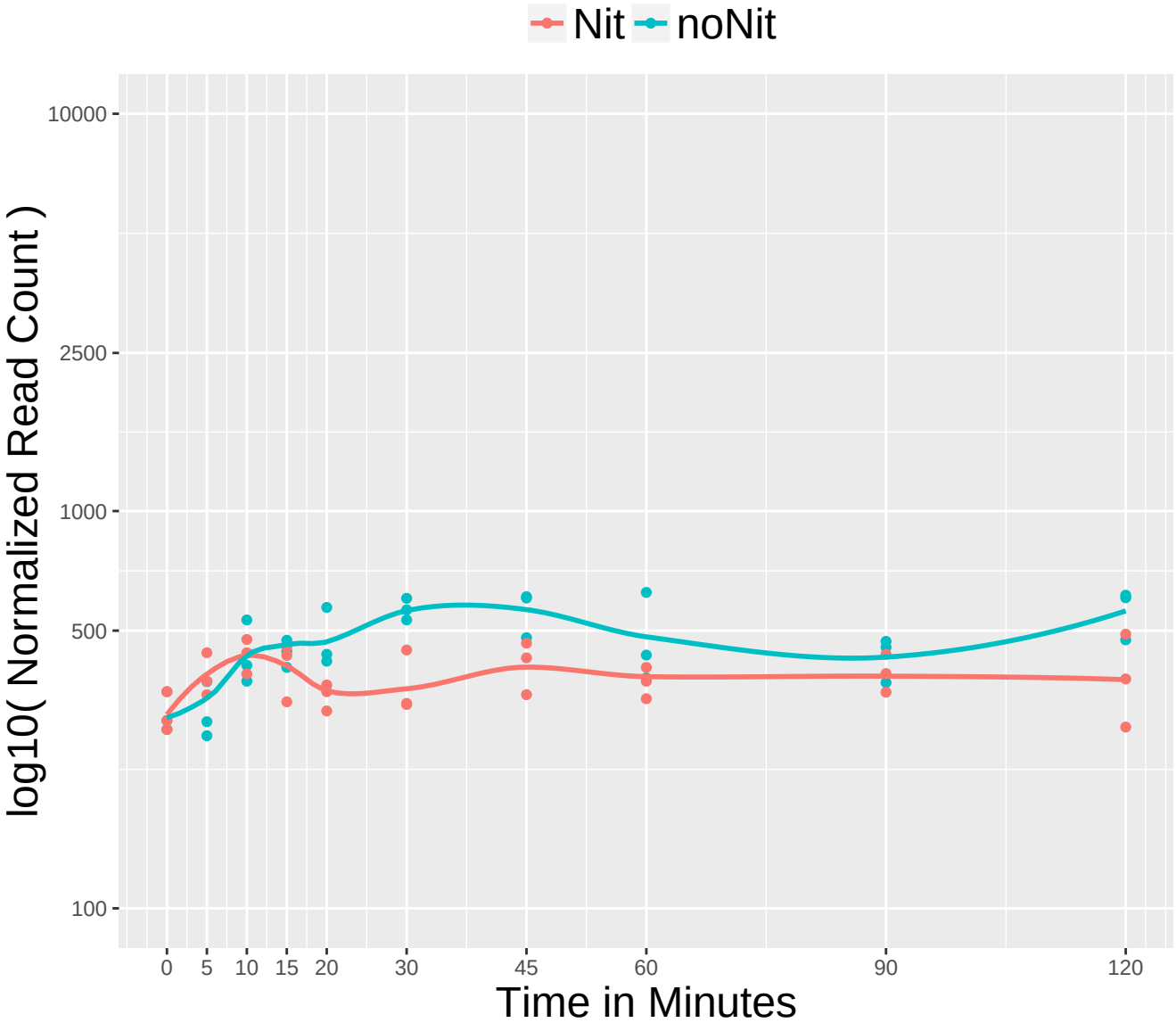

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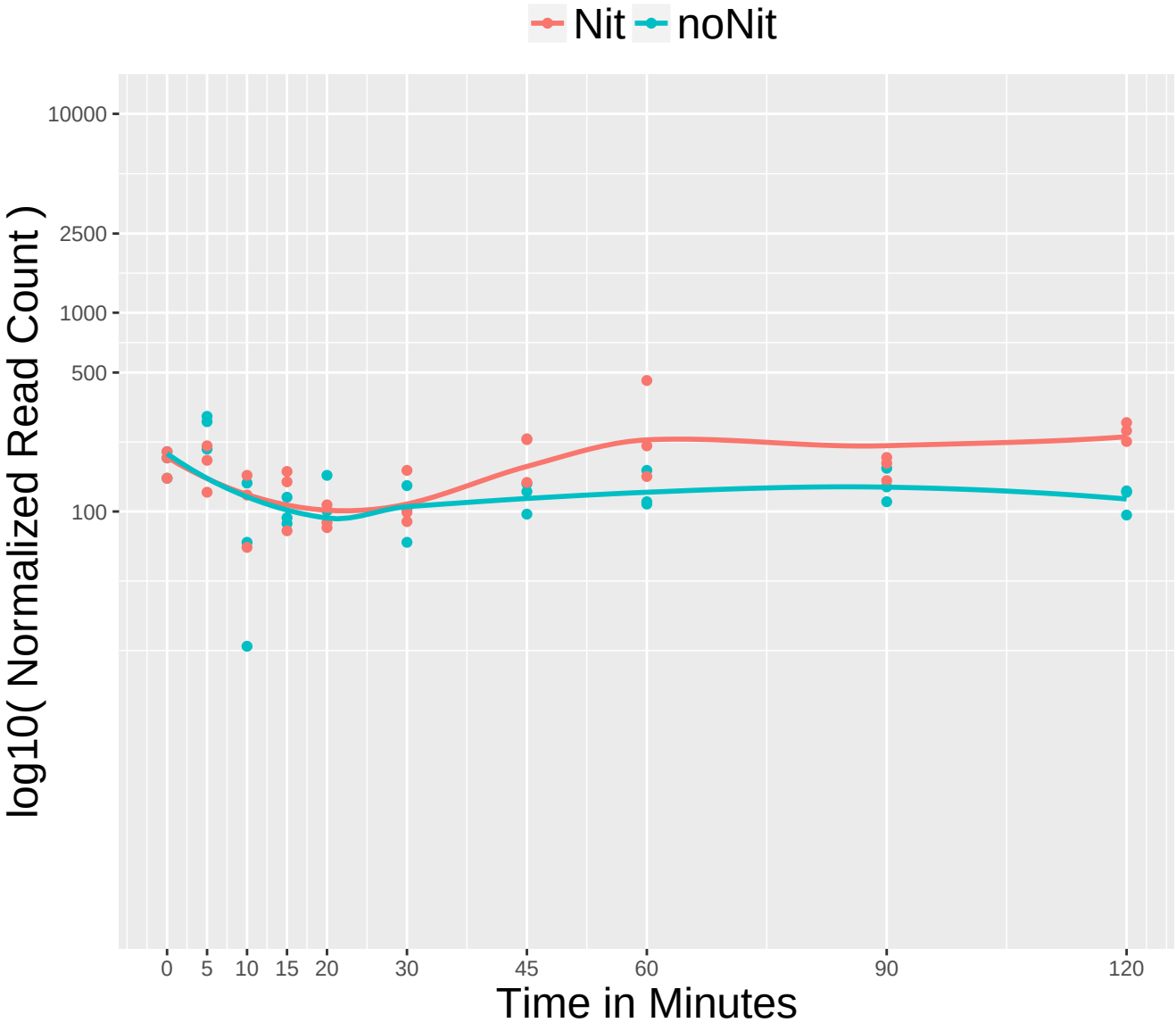
DVL19,DEVIL



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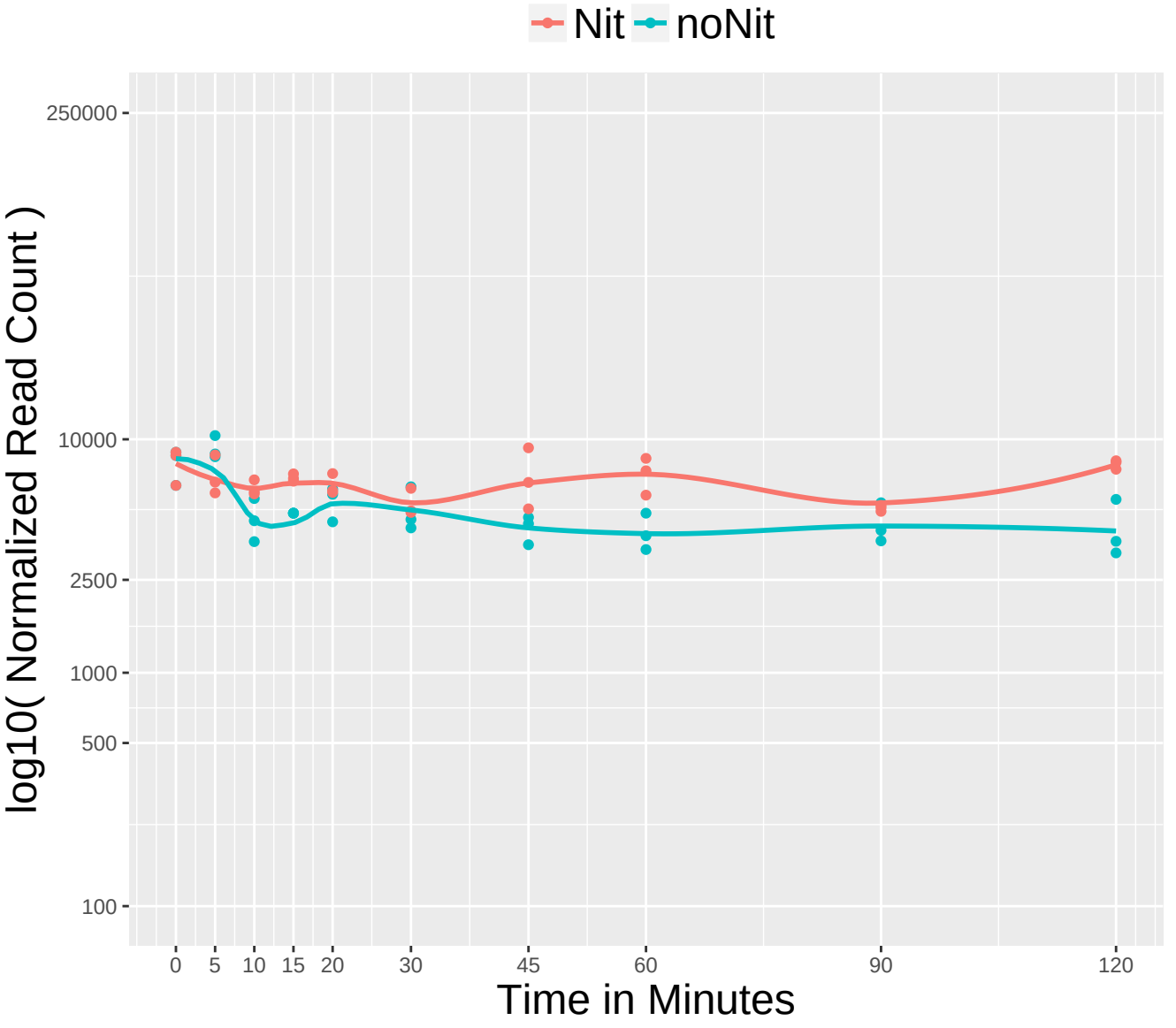
Ribosomal



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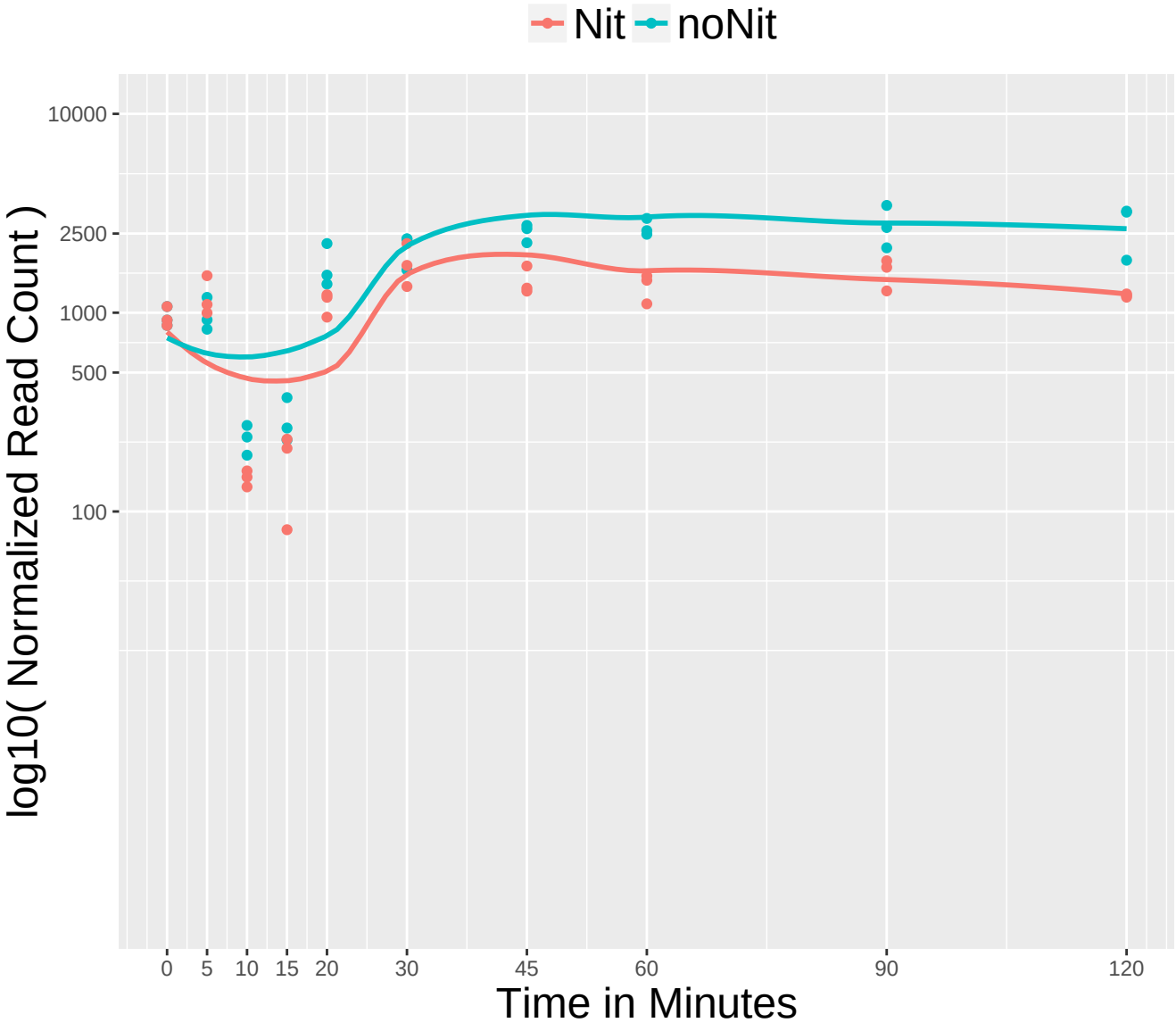
ATPROT2,PROLINE



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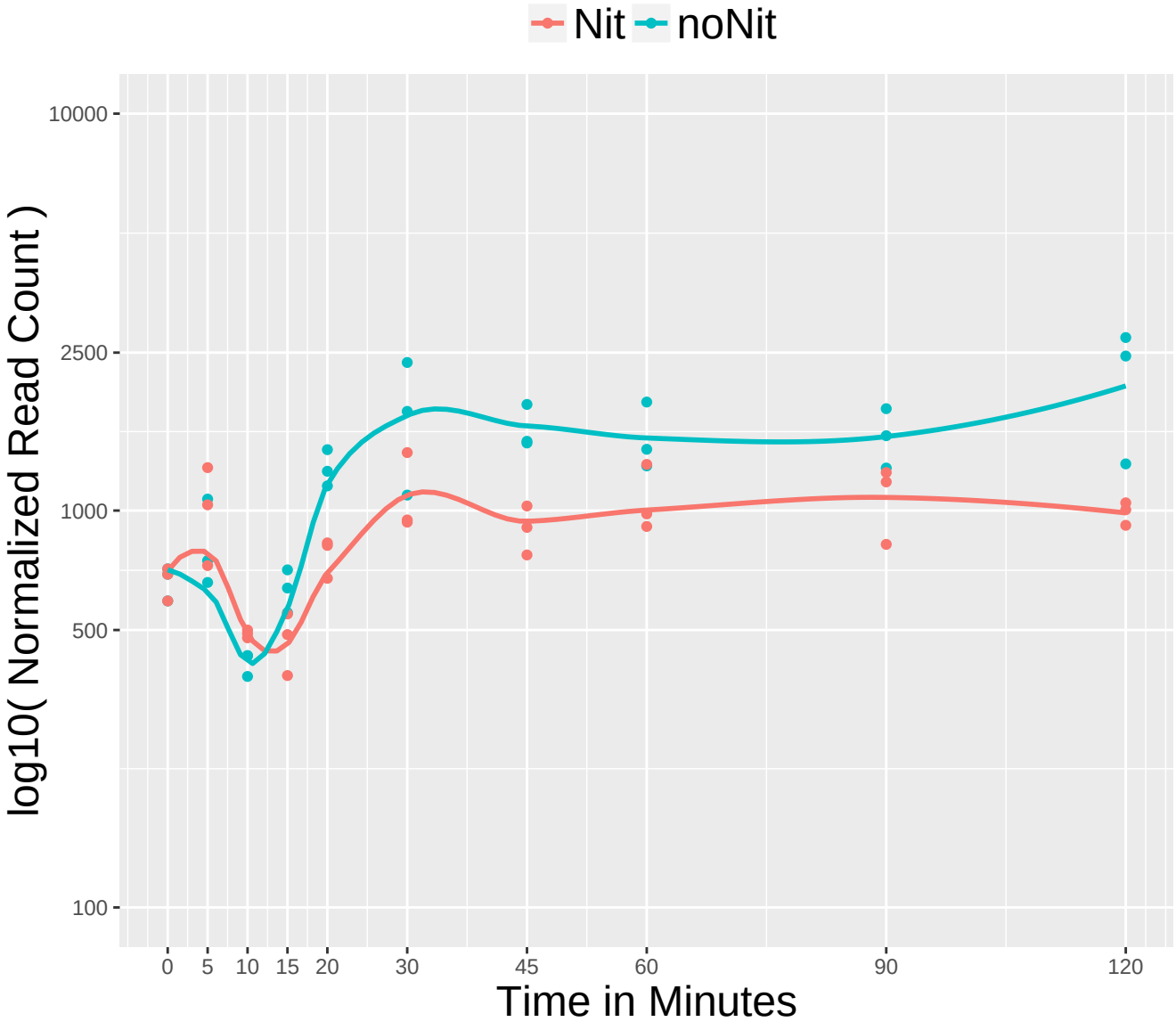
CML42,calmodulin



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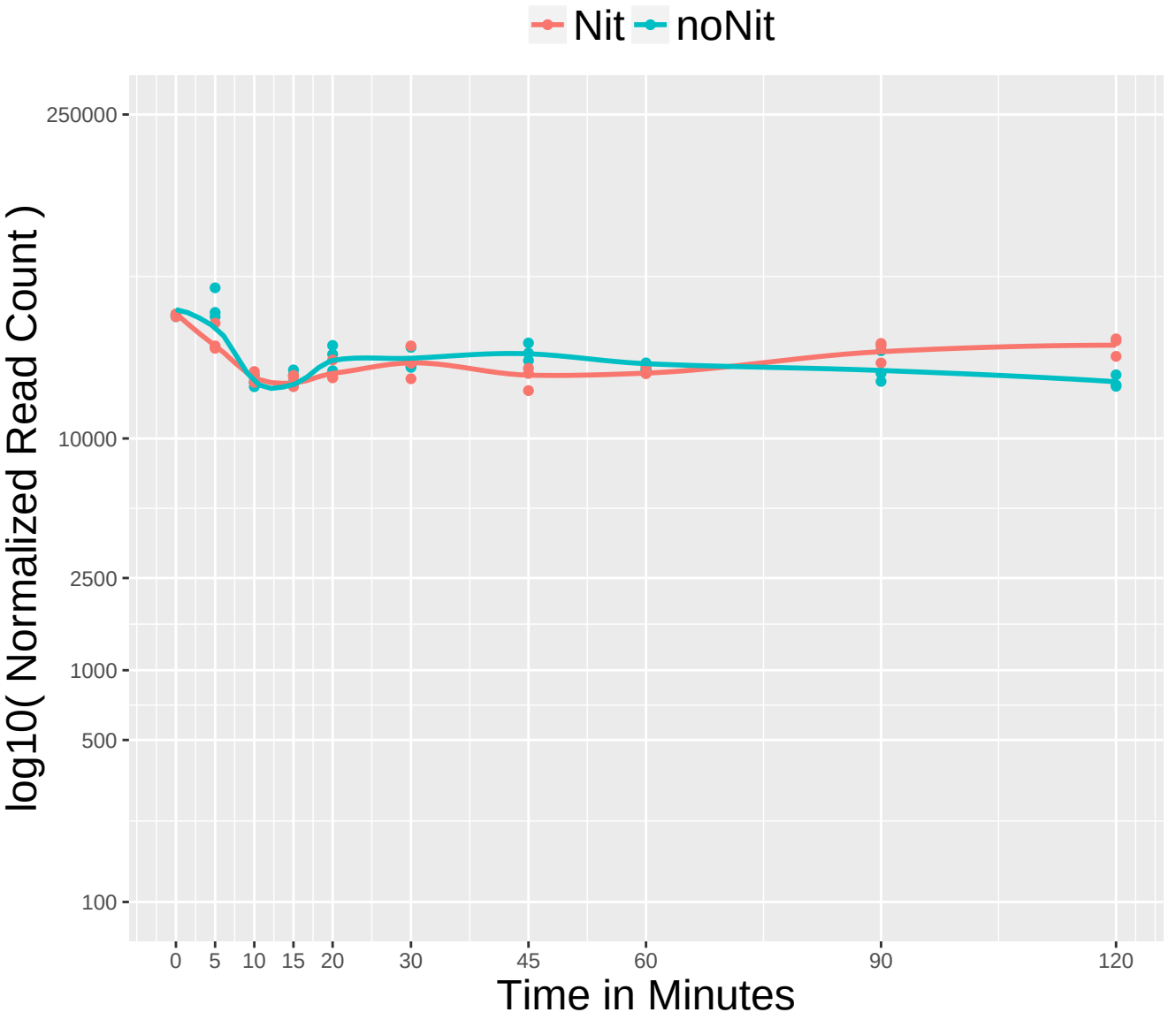
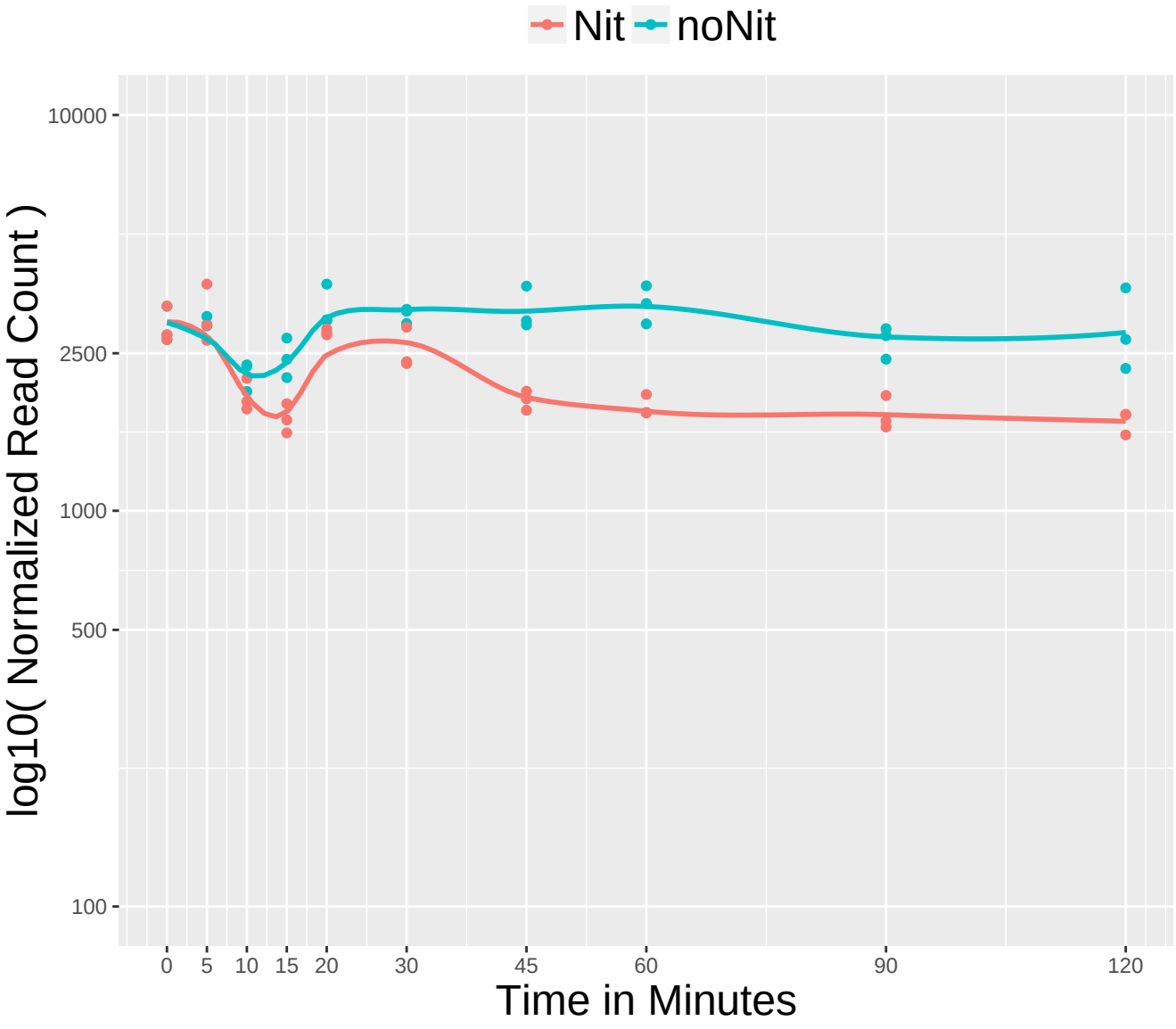
ATCIPK6,CBL−INTERACTING



AT5G11650

alpha/beta−Hydrolases



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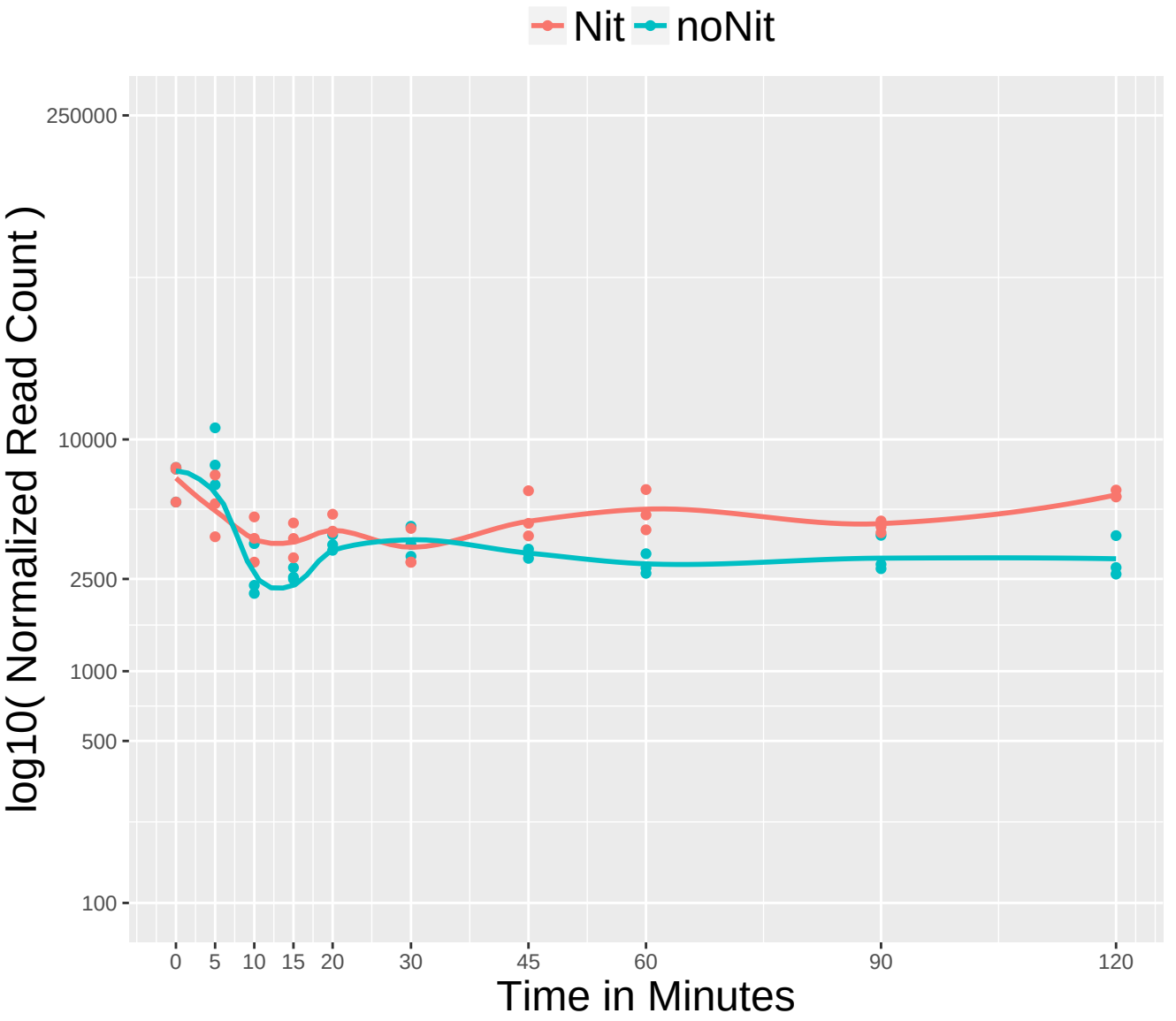
OLI2,OLIGOCELLULA



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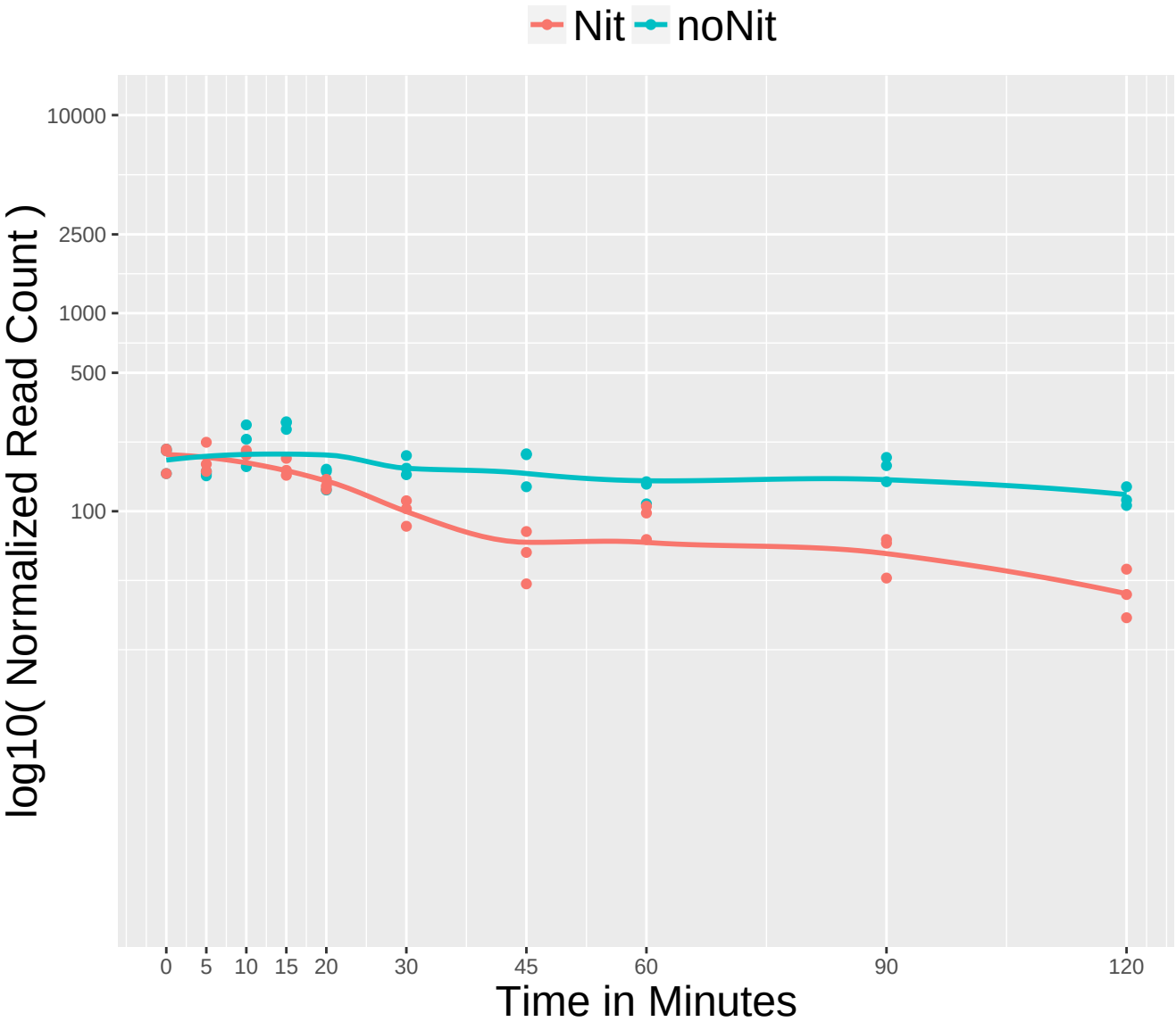

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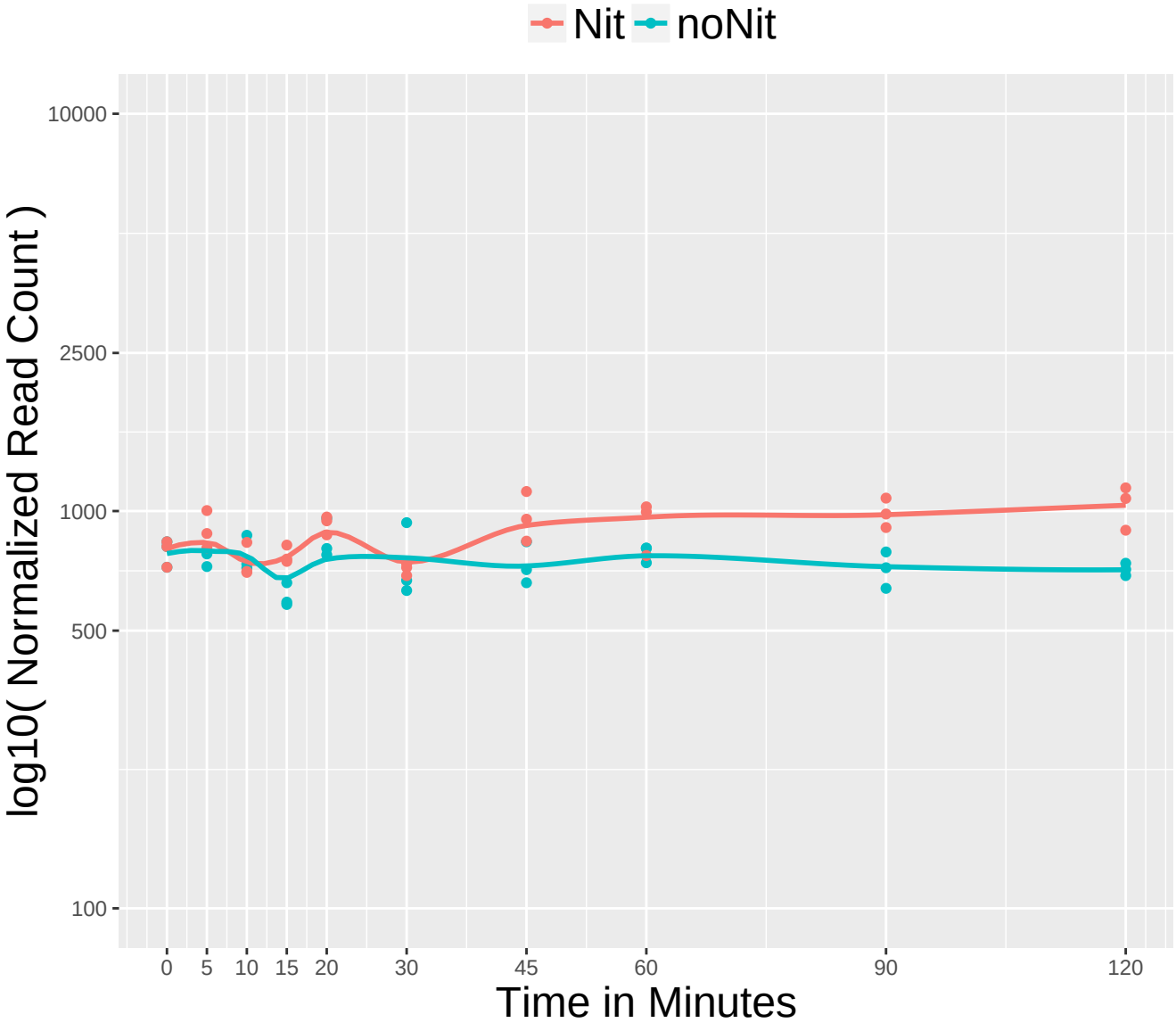
ASL1,ASYMMETRIC



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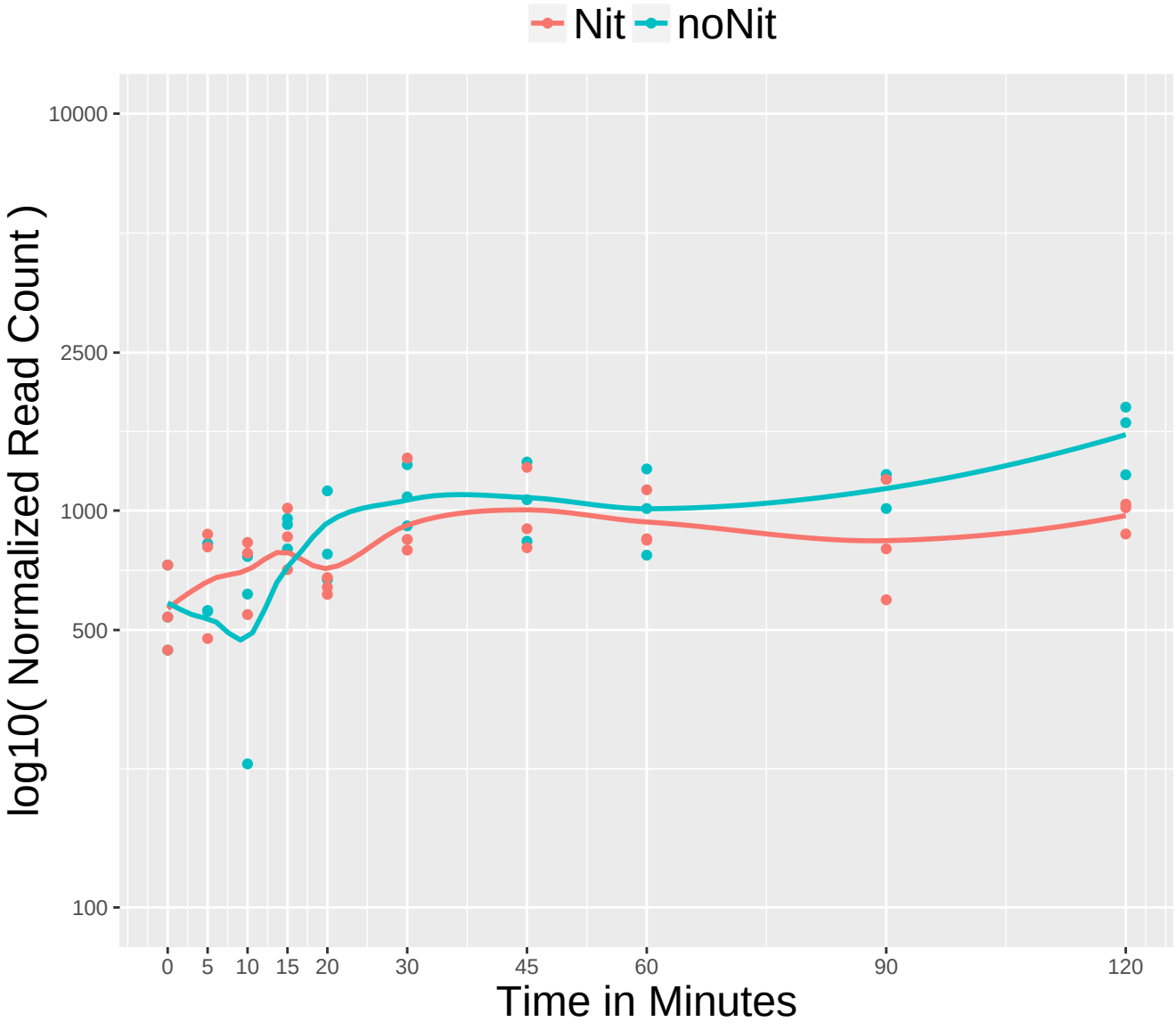
ADF11,actin



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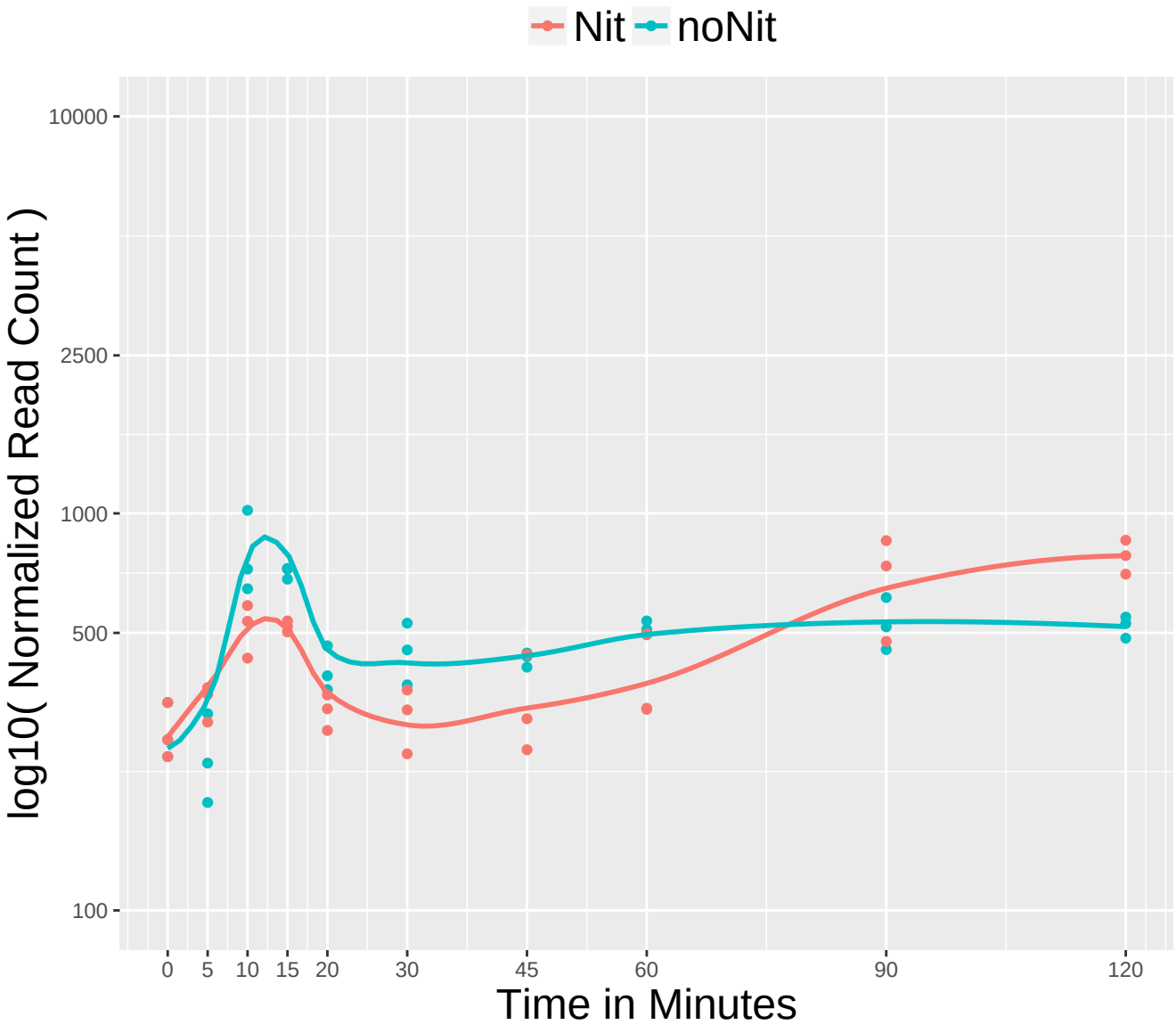
ZIP5,zinc



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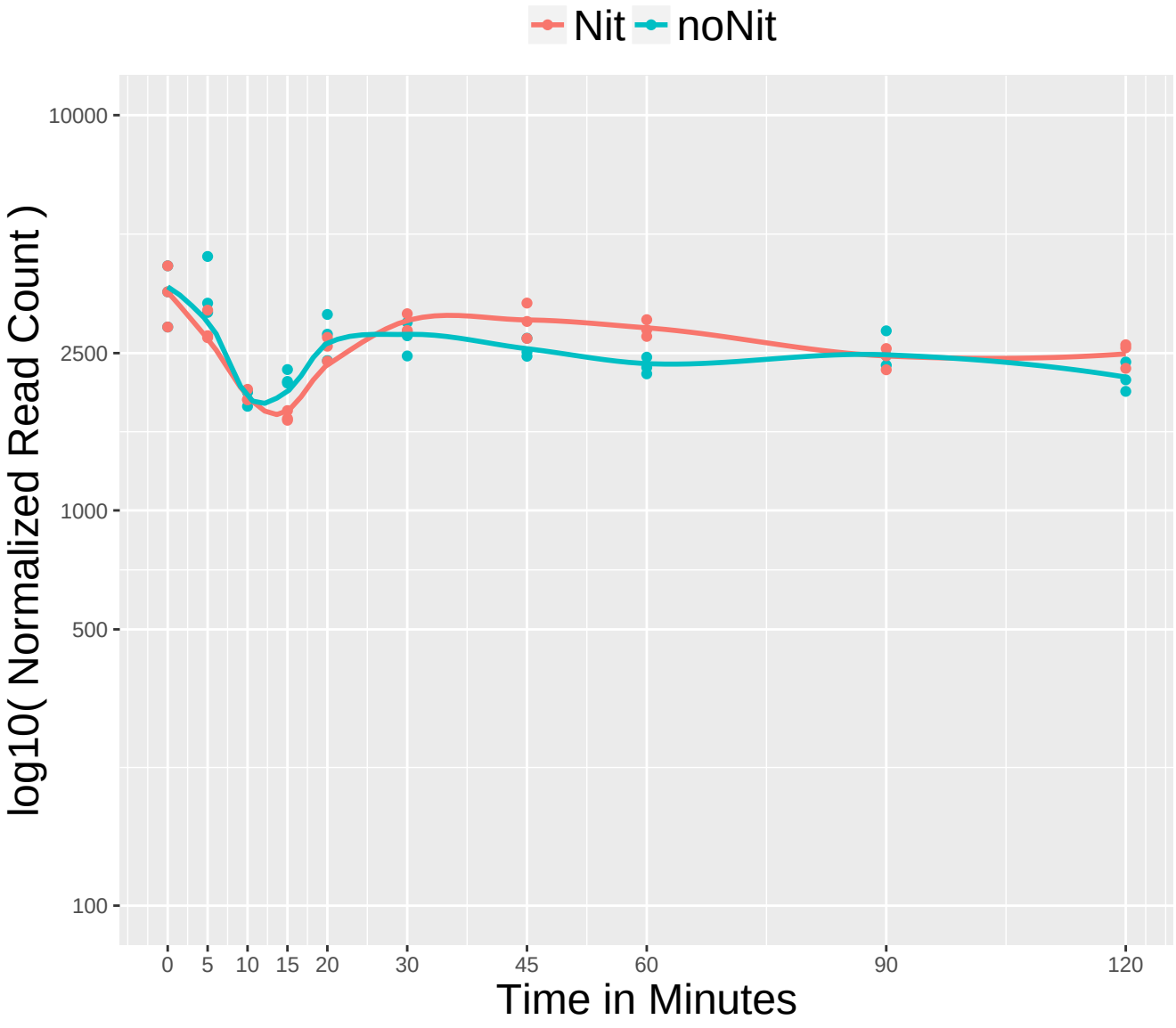
Nucleotide−sugar



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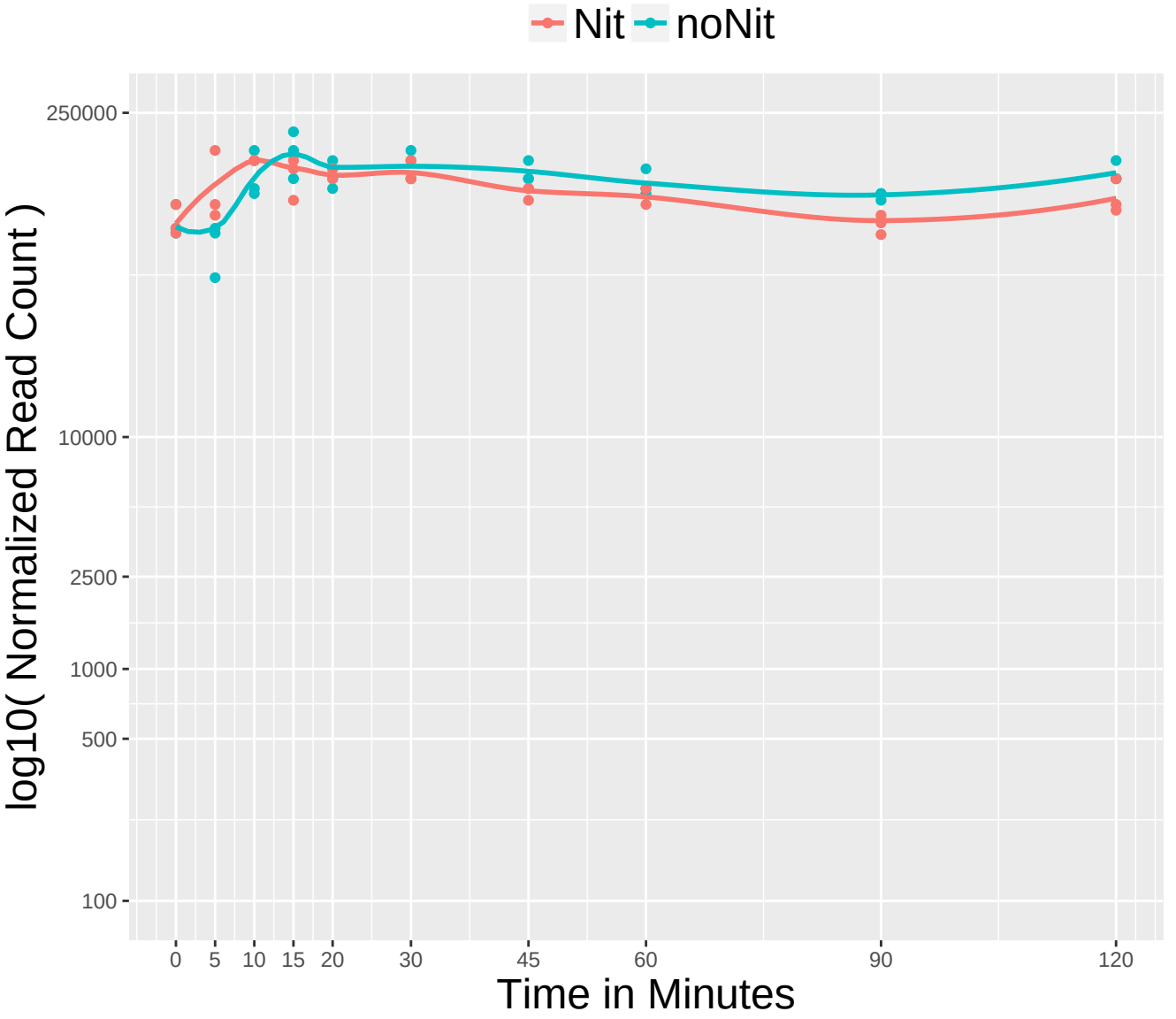
ATEXT3,extensin



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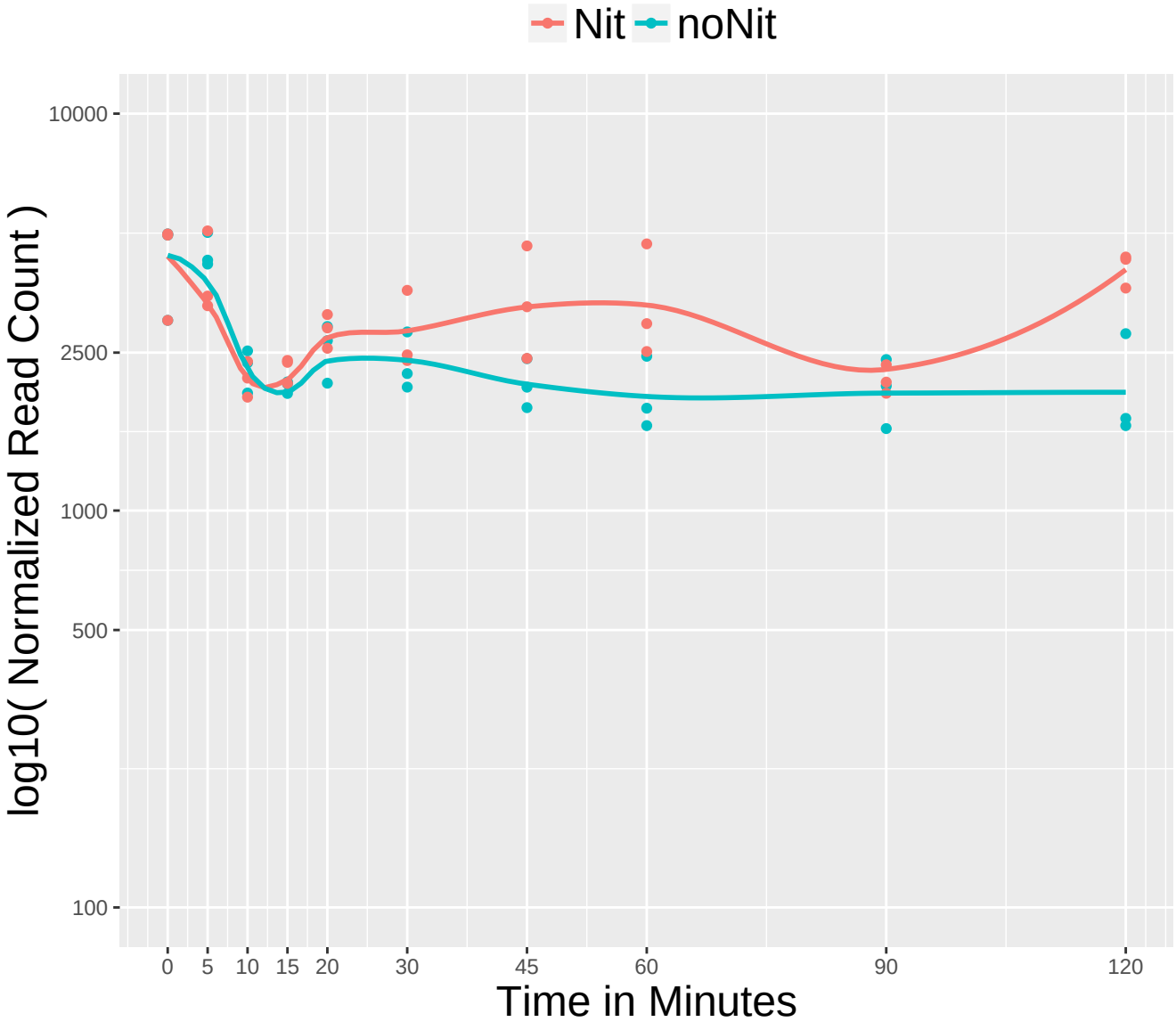
TOM6,translocase



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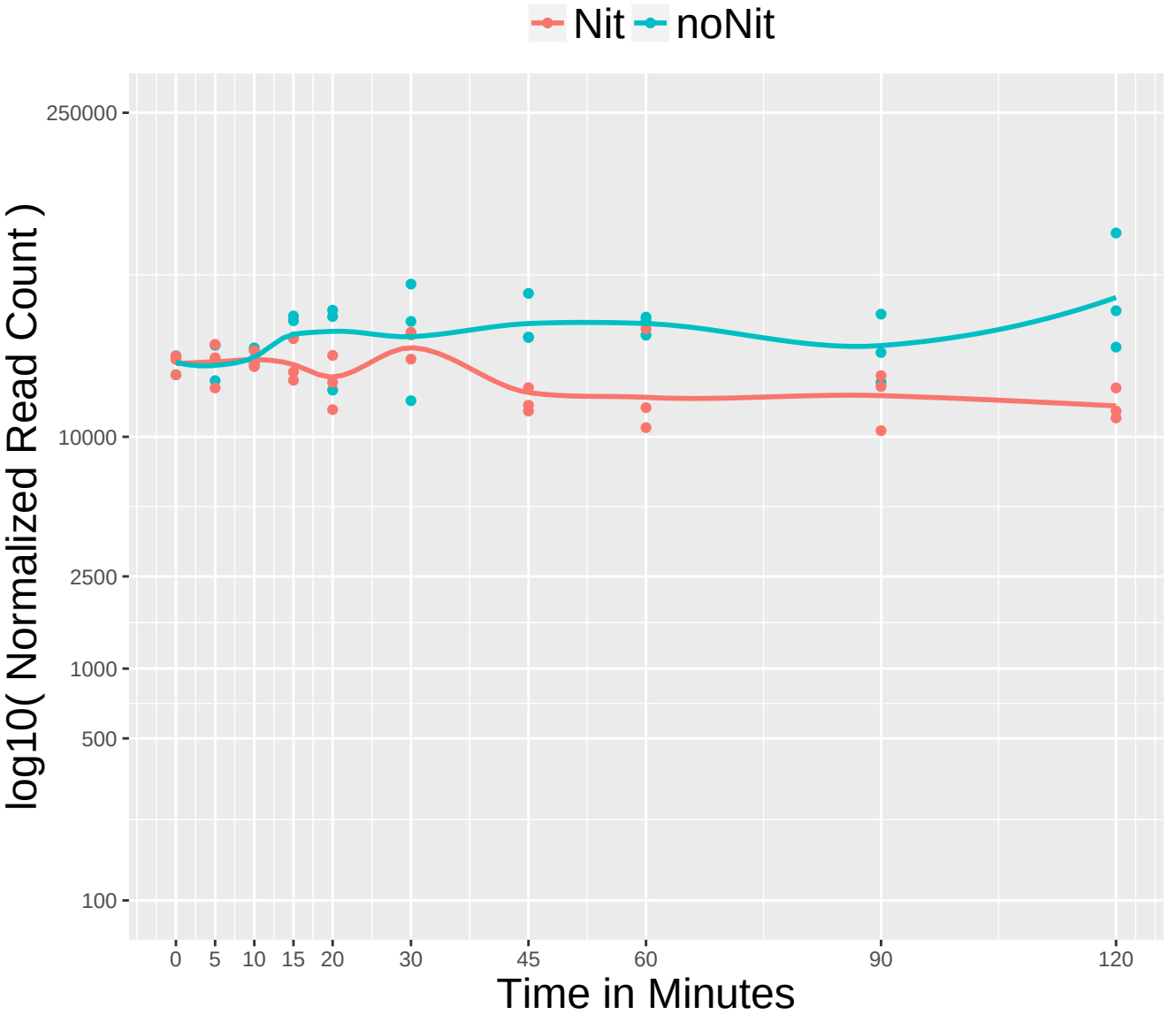
ATLOX1,ARABIDOPSIS



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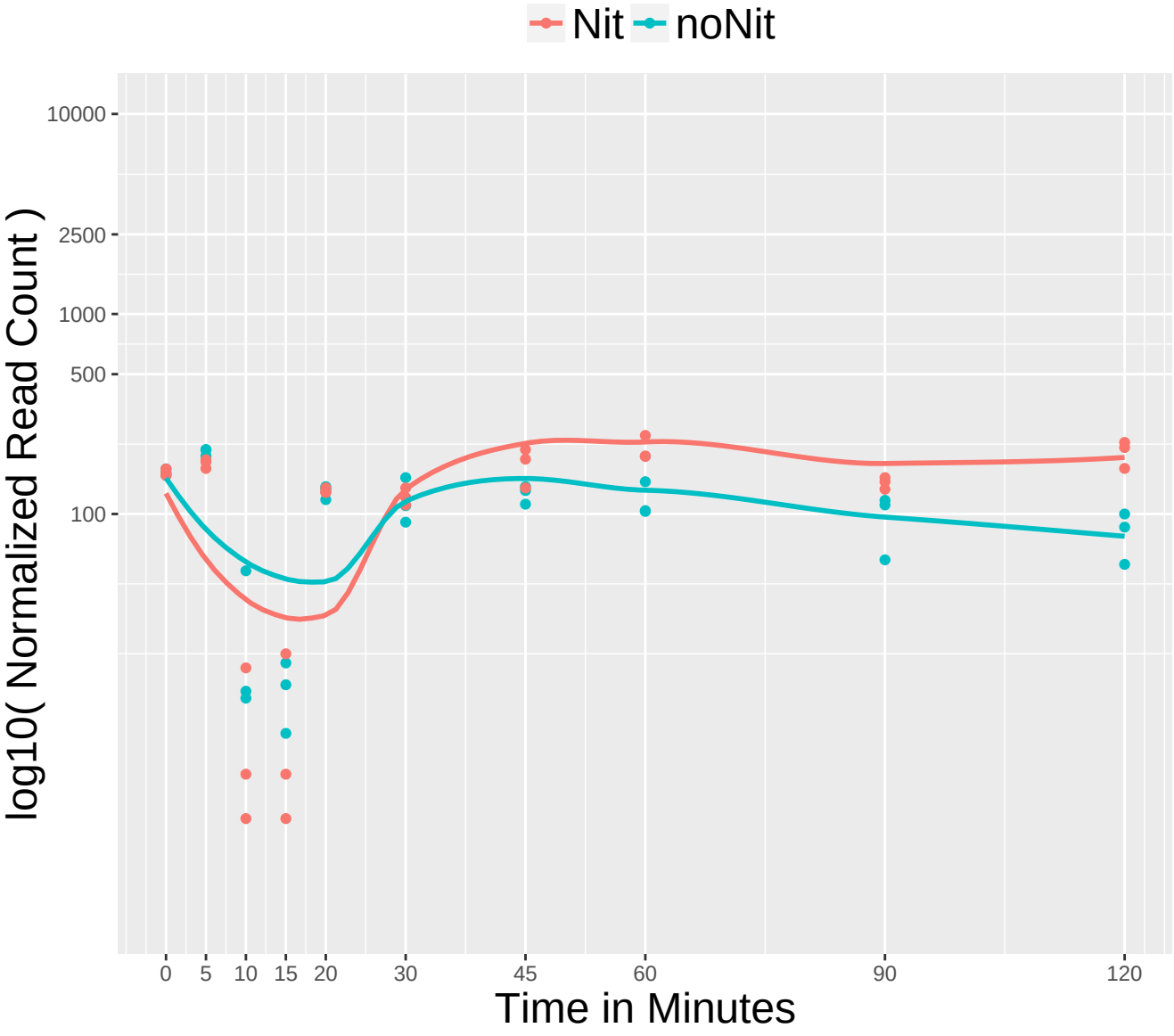

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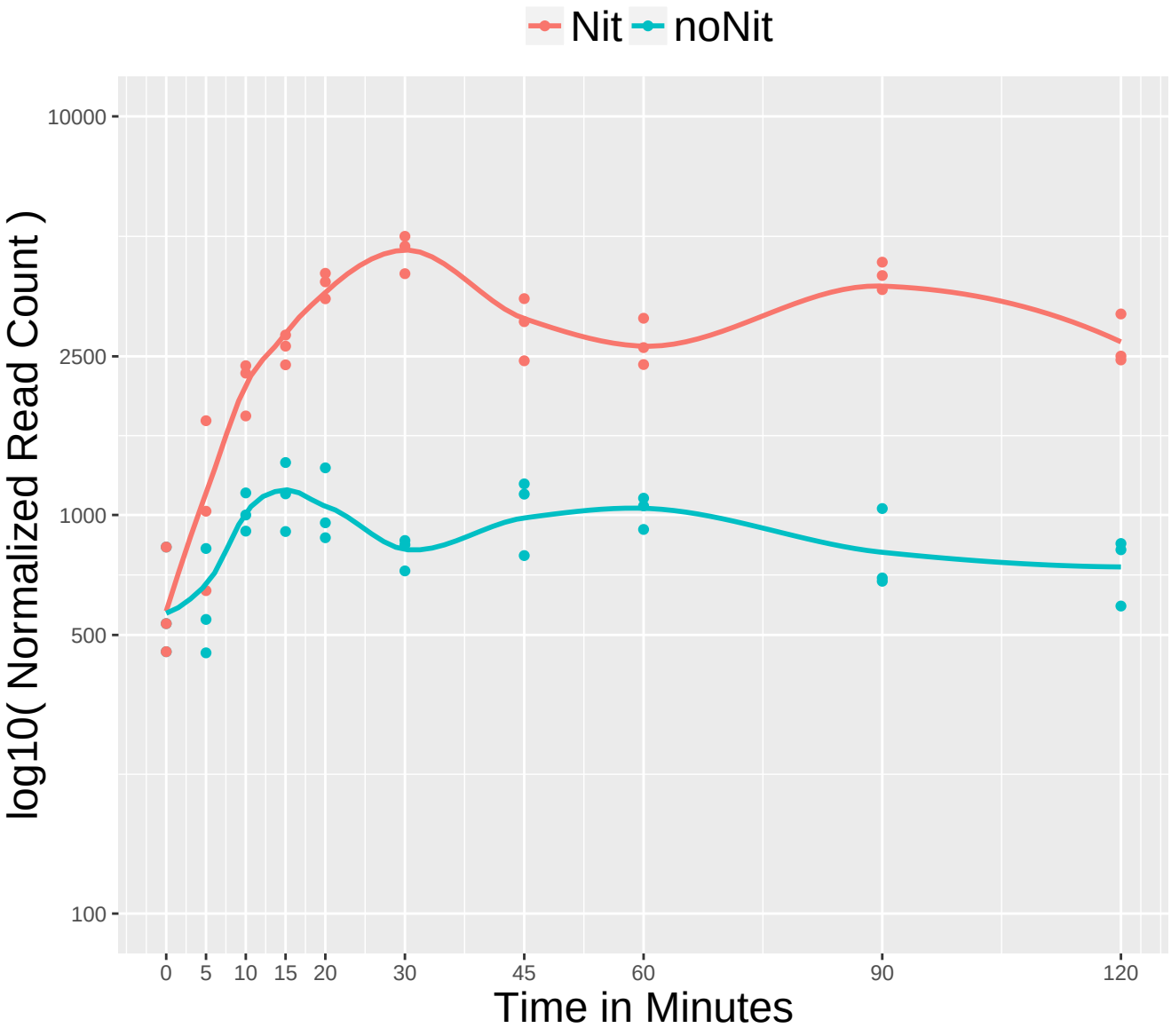
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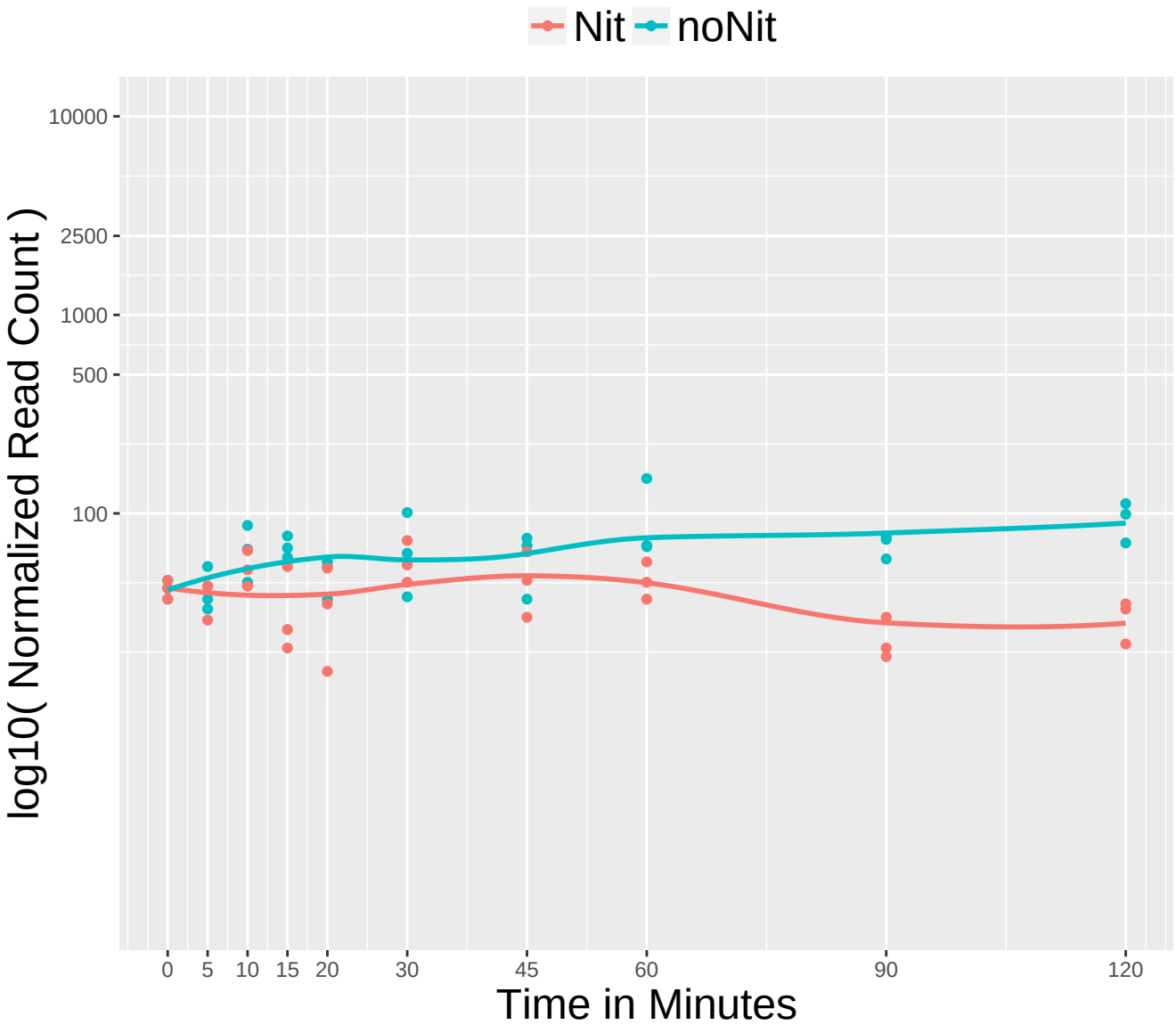
45
60
90
120
Time in Minutes

AT2G33240

ATXID,MYOSIN



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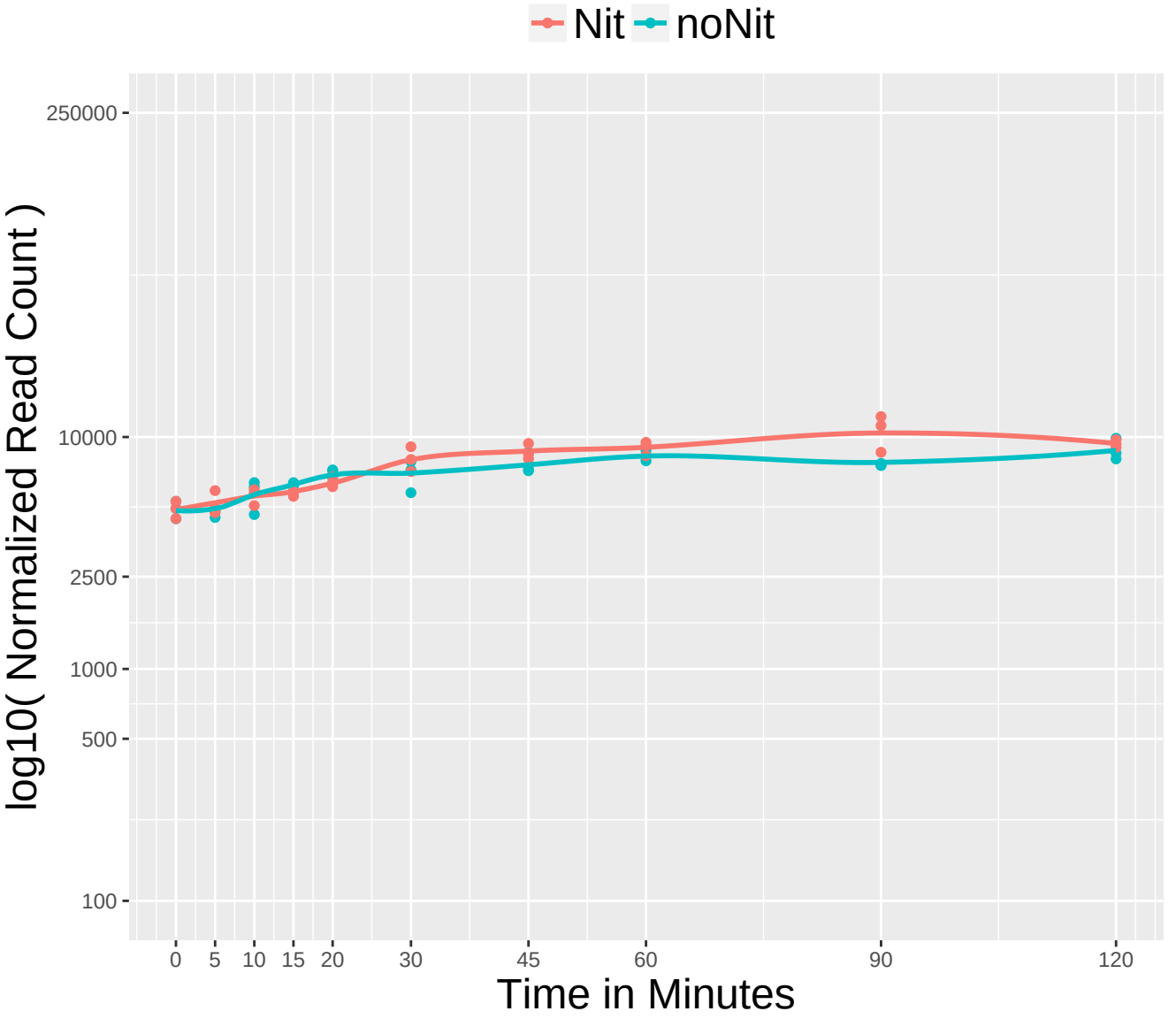
ATCS,,CSY4,CITRATE



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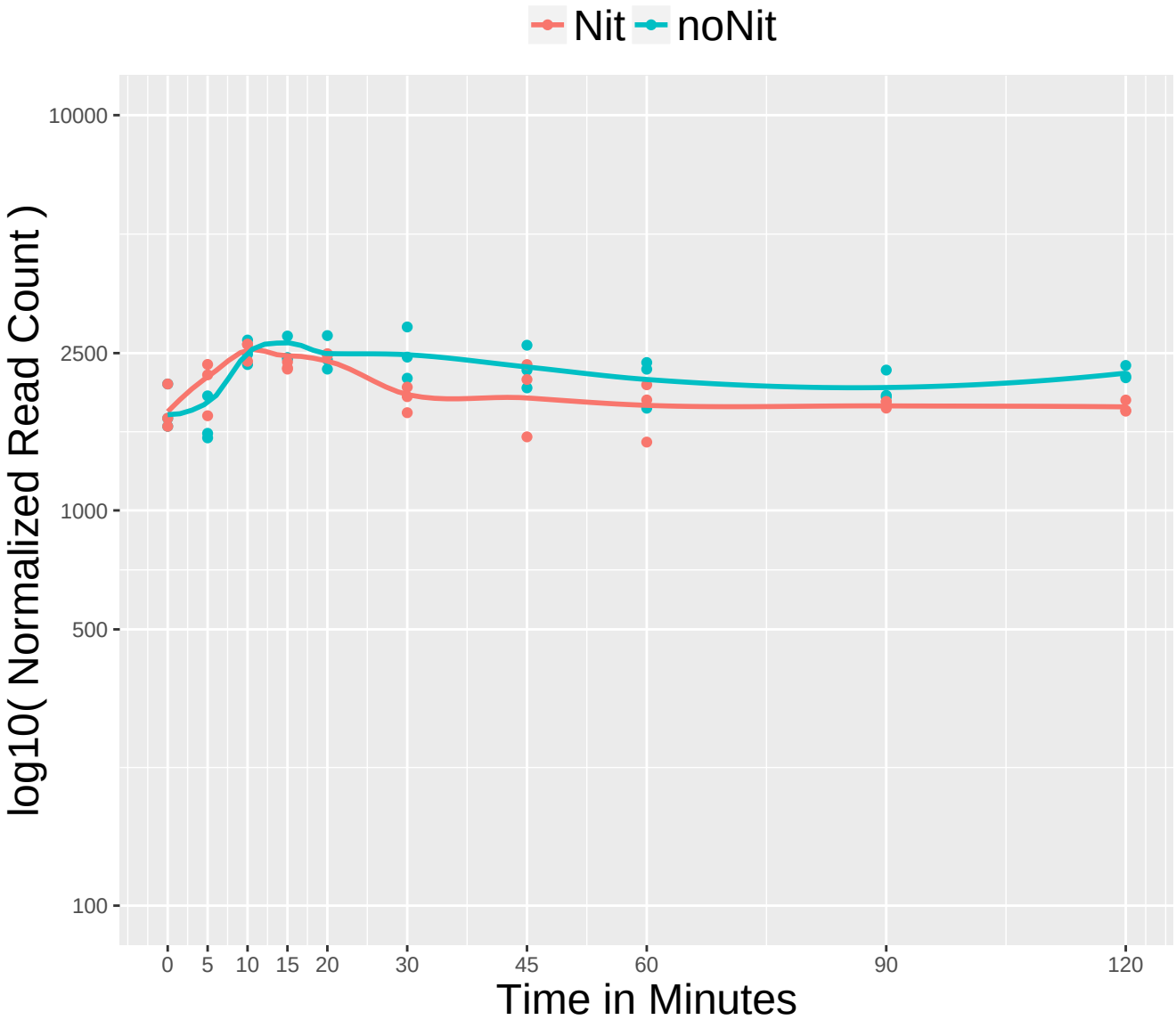
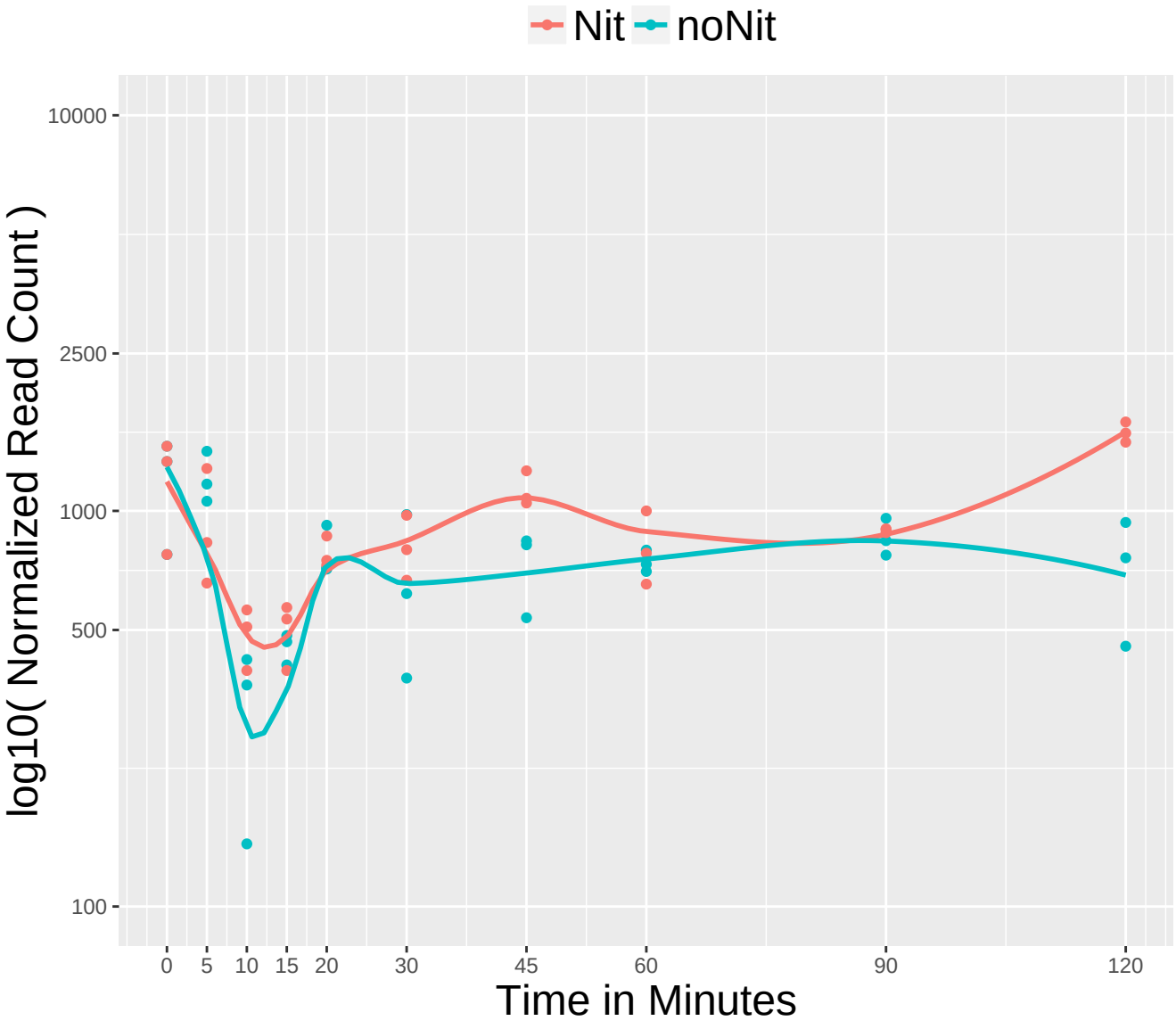
BARK1,BAK1−Associating



AT3G46500

2−oxoglutarate



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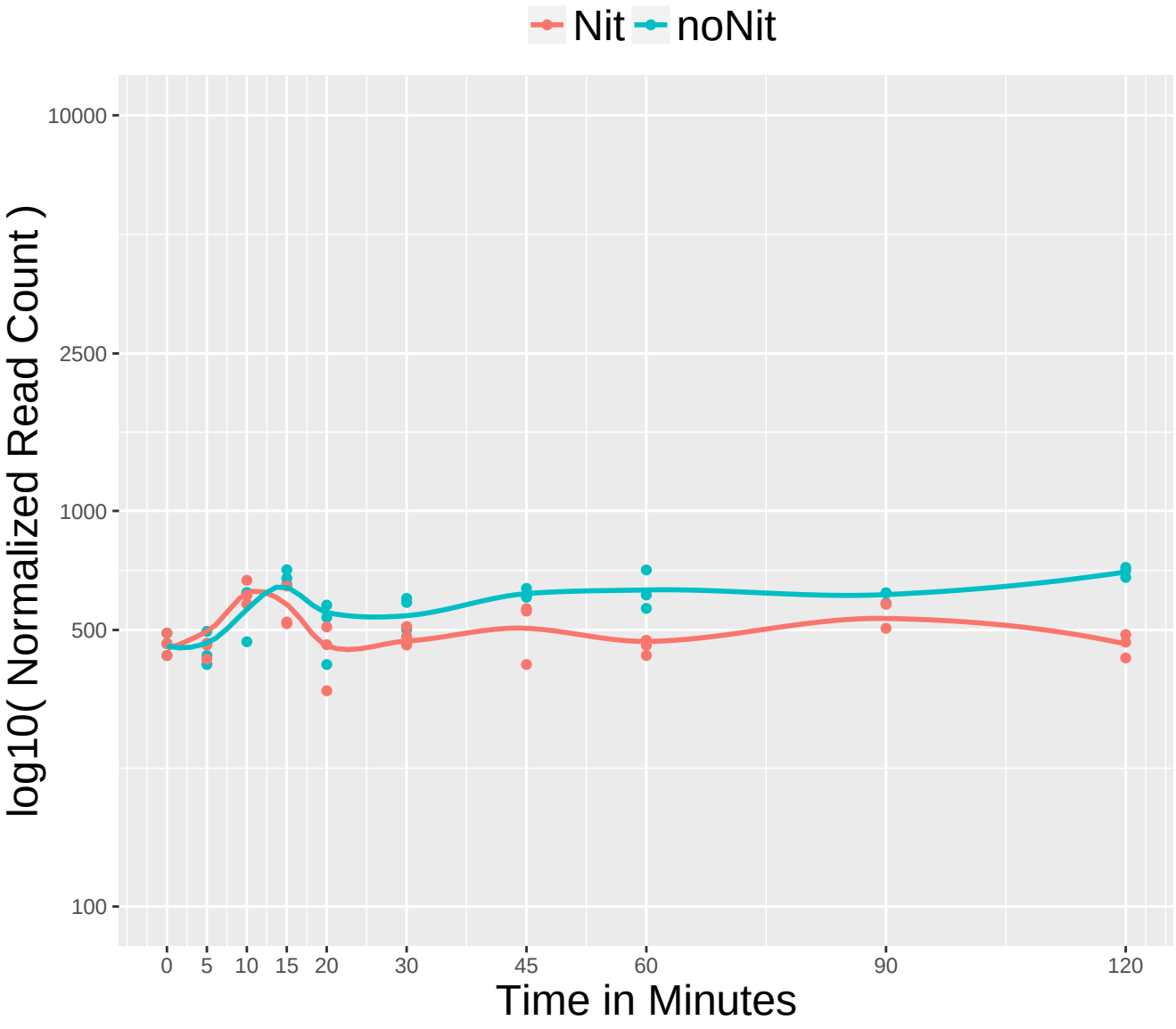
MAG2,maigo2



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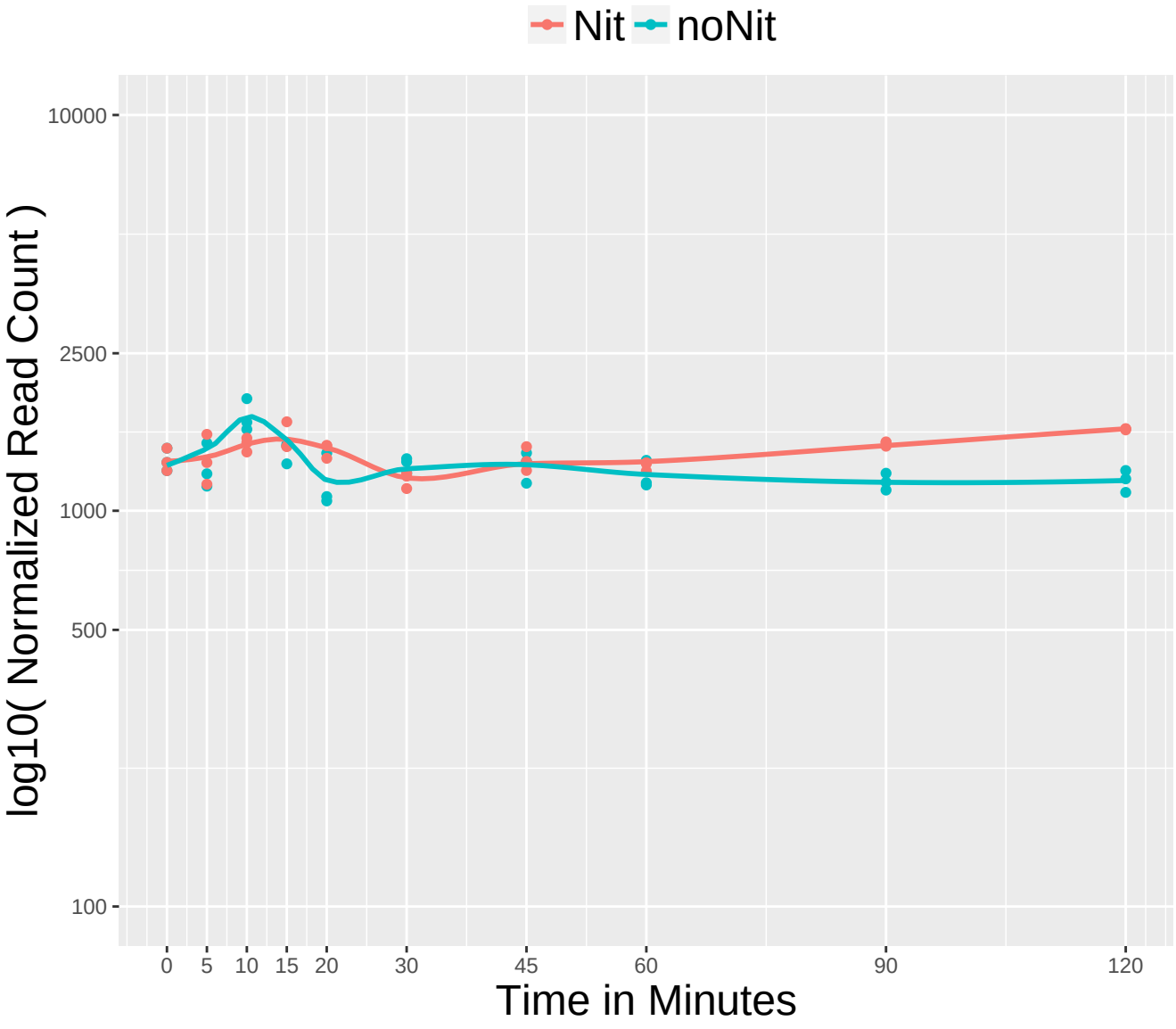
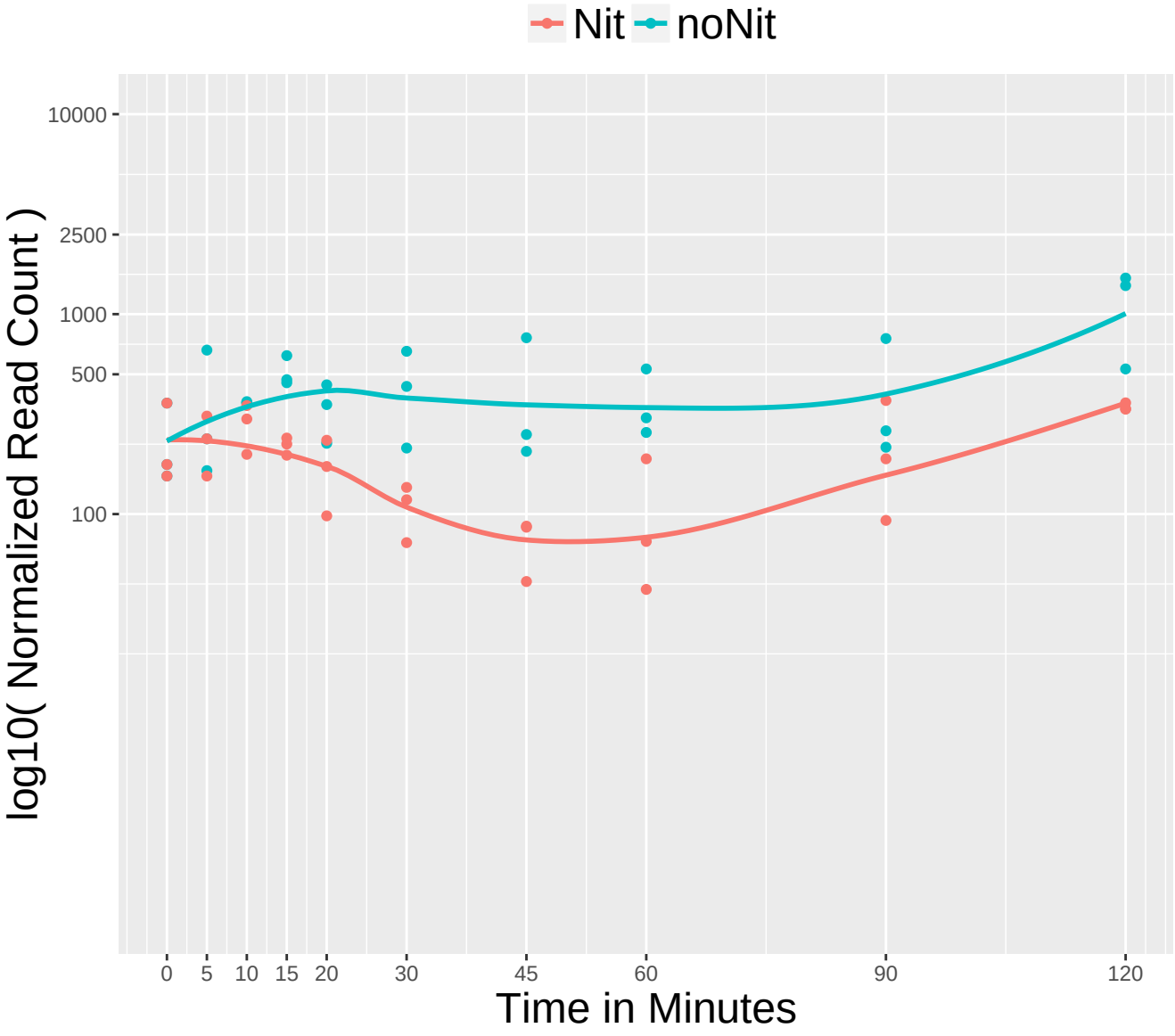
AtLCD,,LCD,L−cysteine



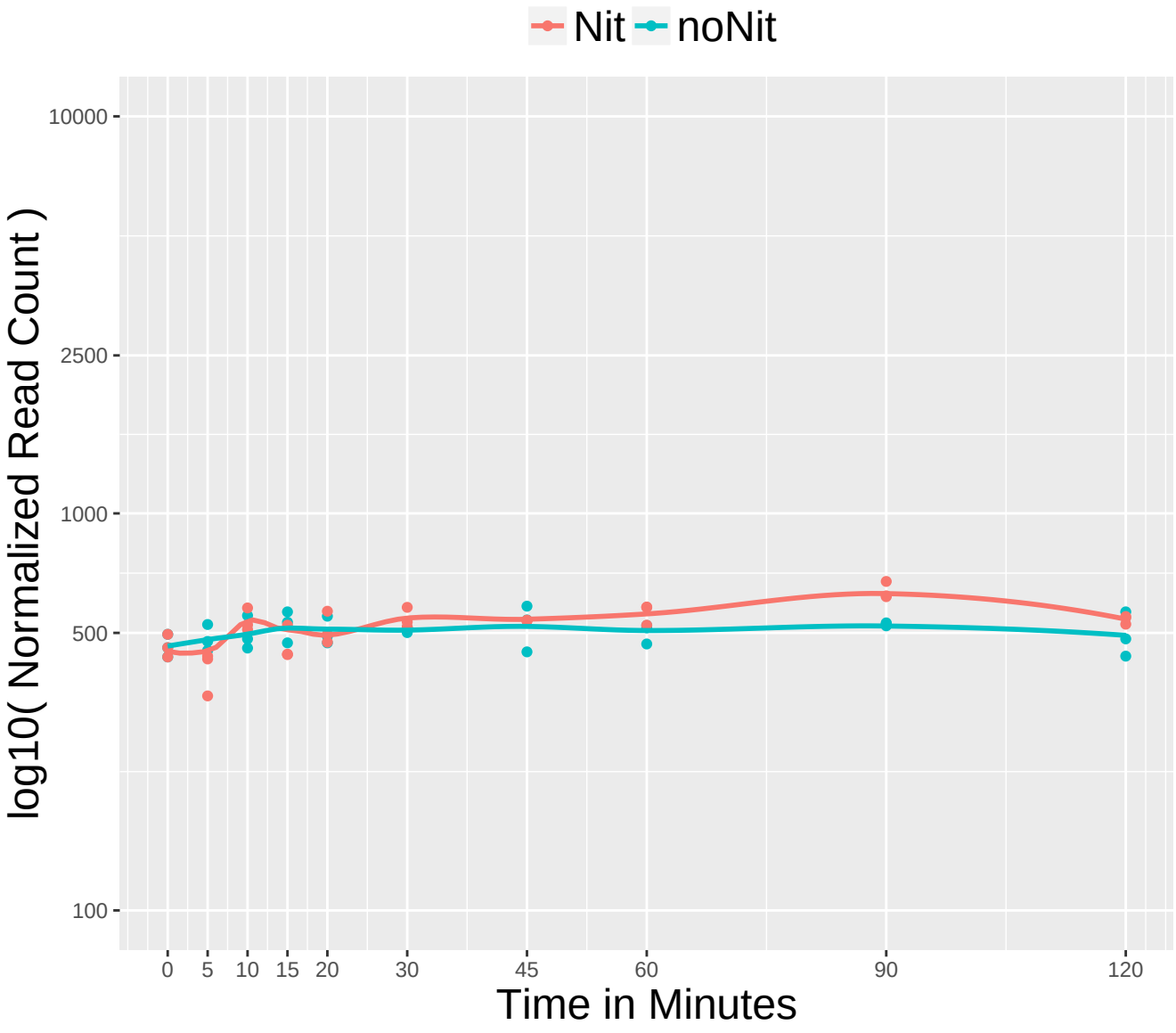
AT4G10530

Subtilase



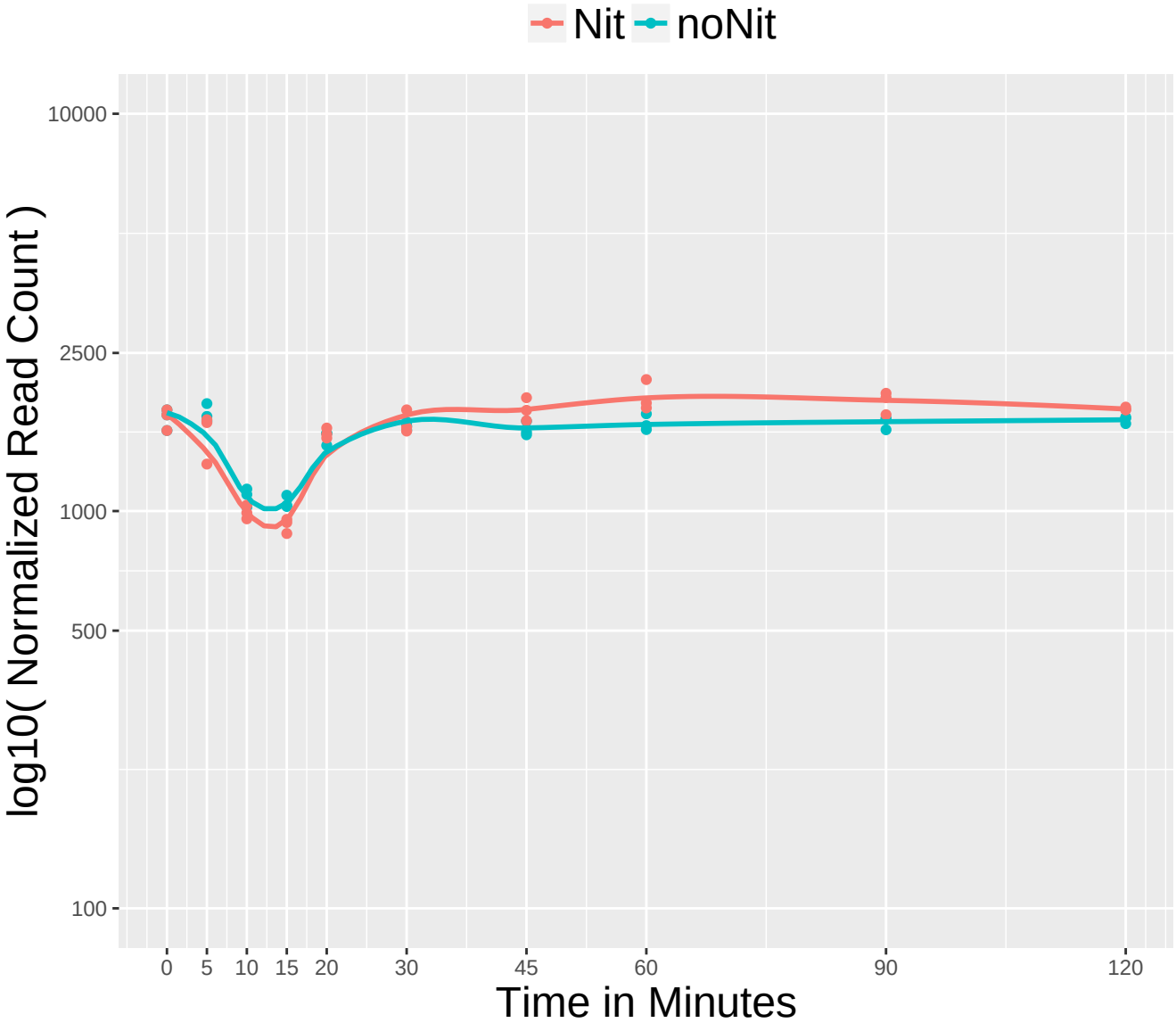
AT4G25440

ZFWD1,zinc



AT5G14250

COP13,CONSTITUTIVE



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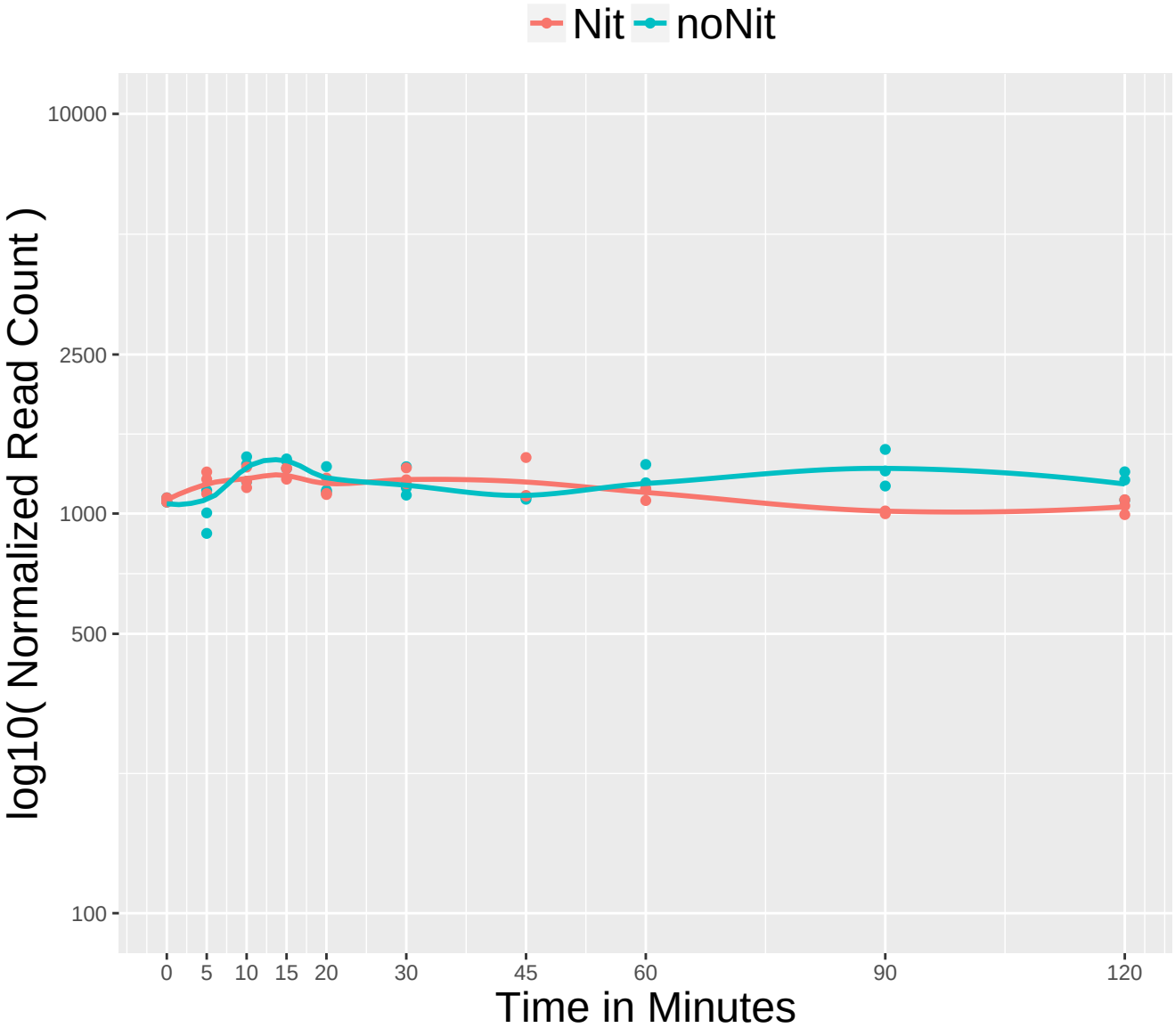
Protein



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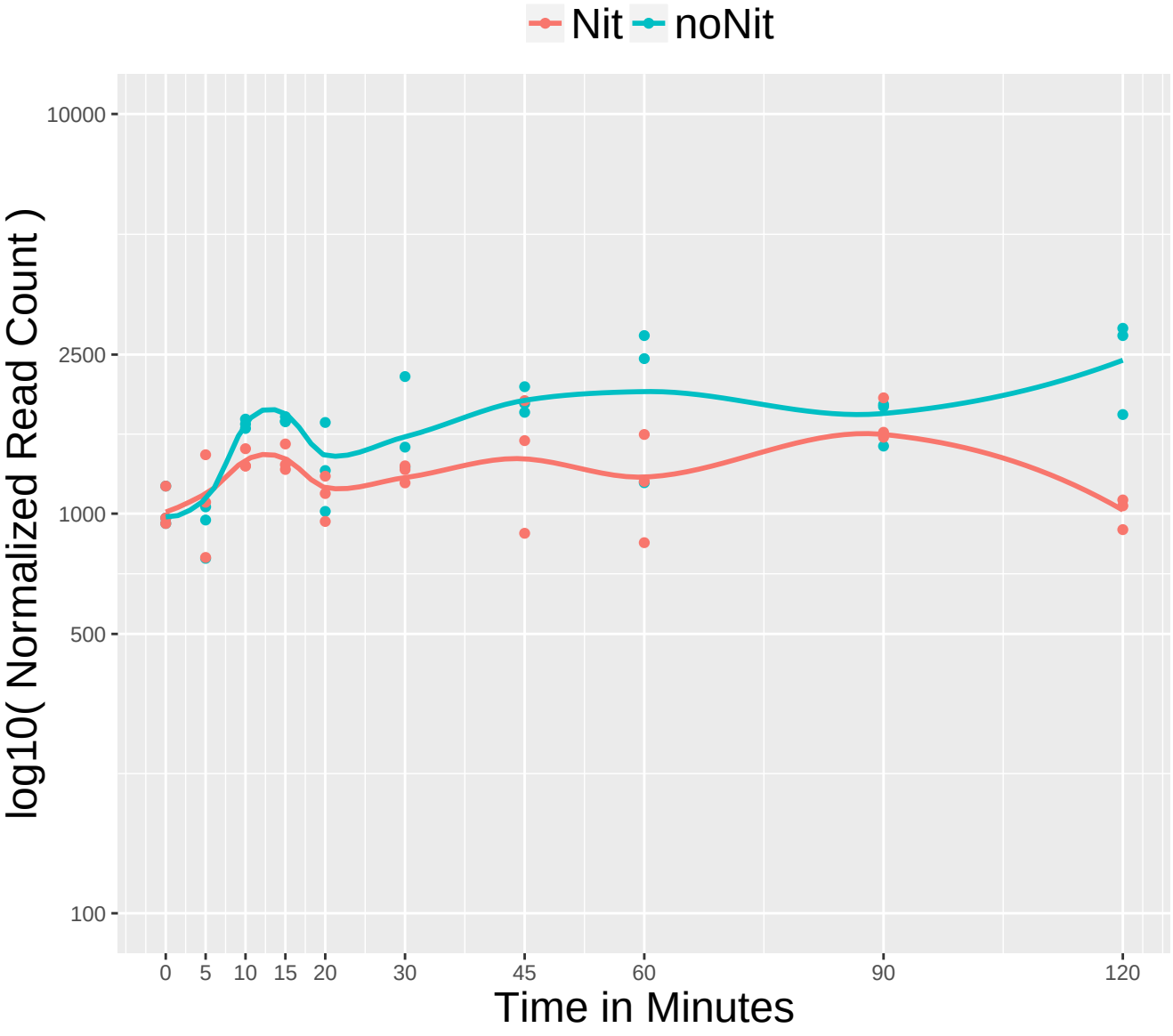
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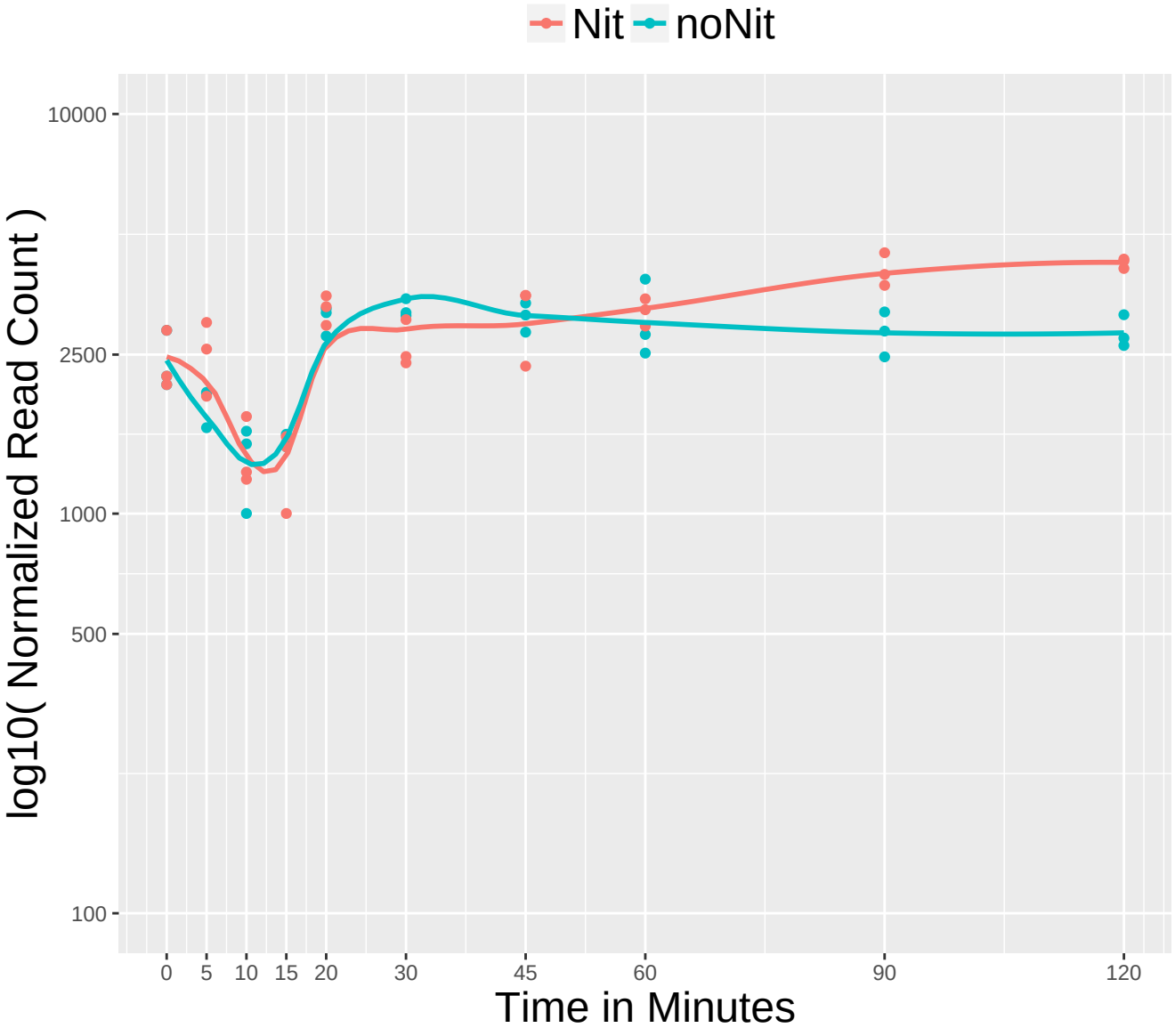
120
Time in Minutes

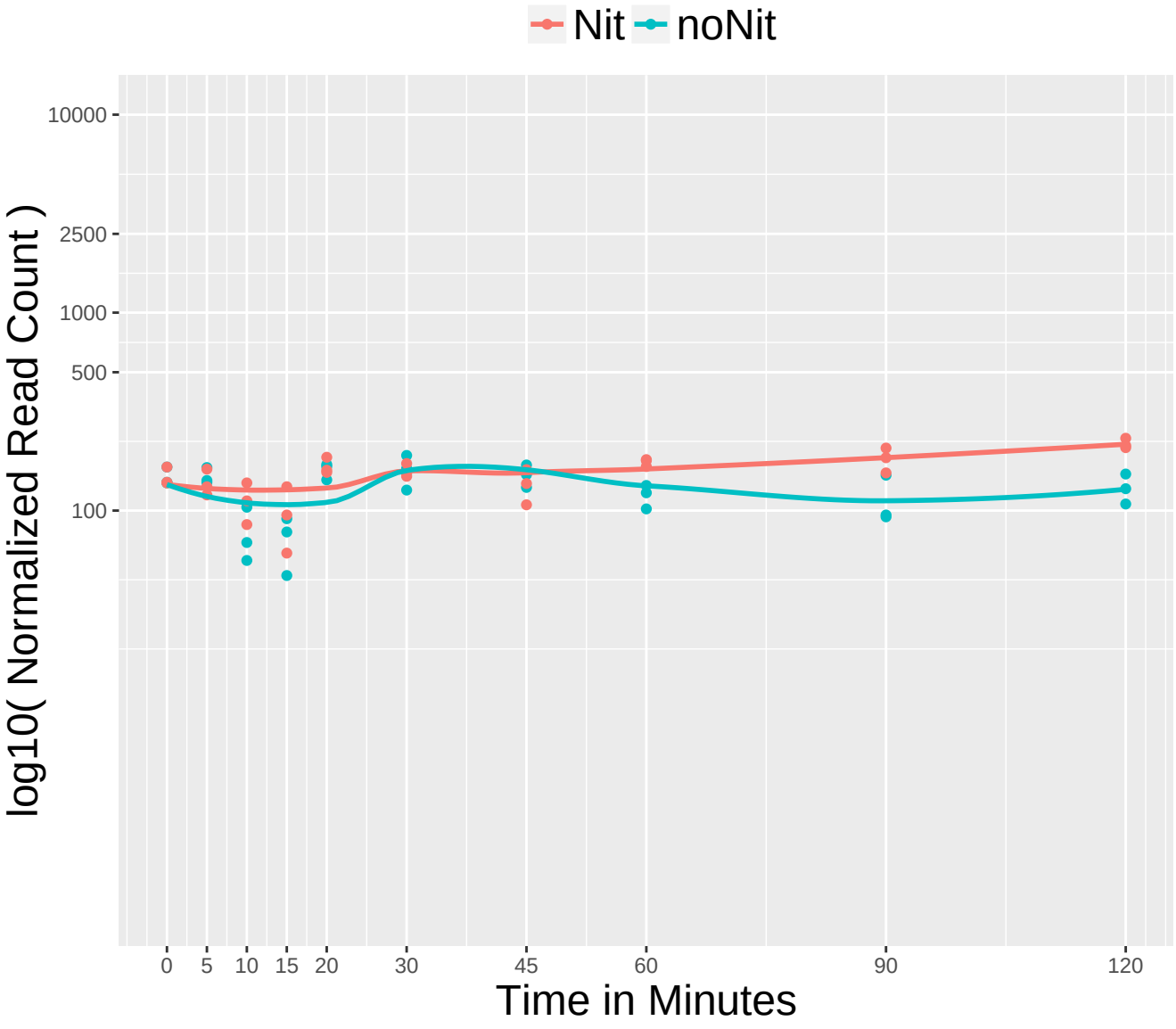
AT5G64420

DNA



AT1G16830

Pentatricopeptide



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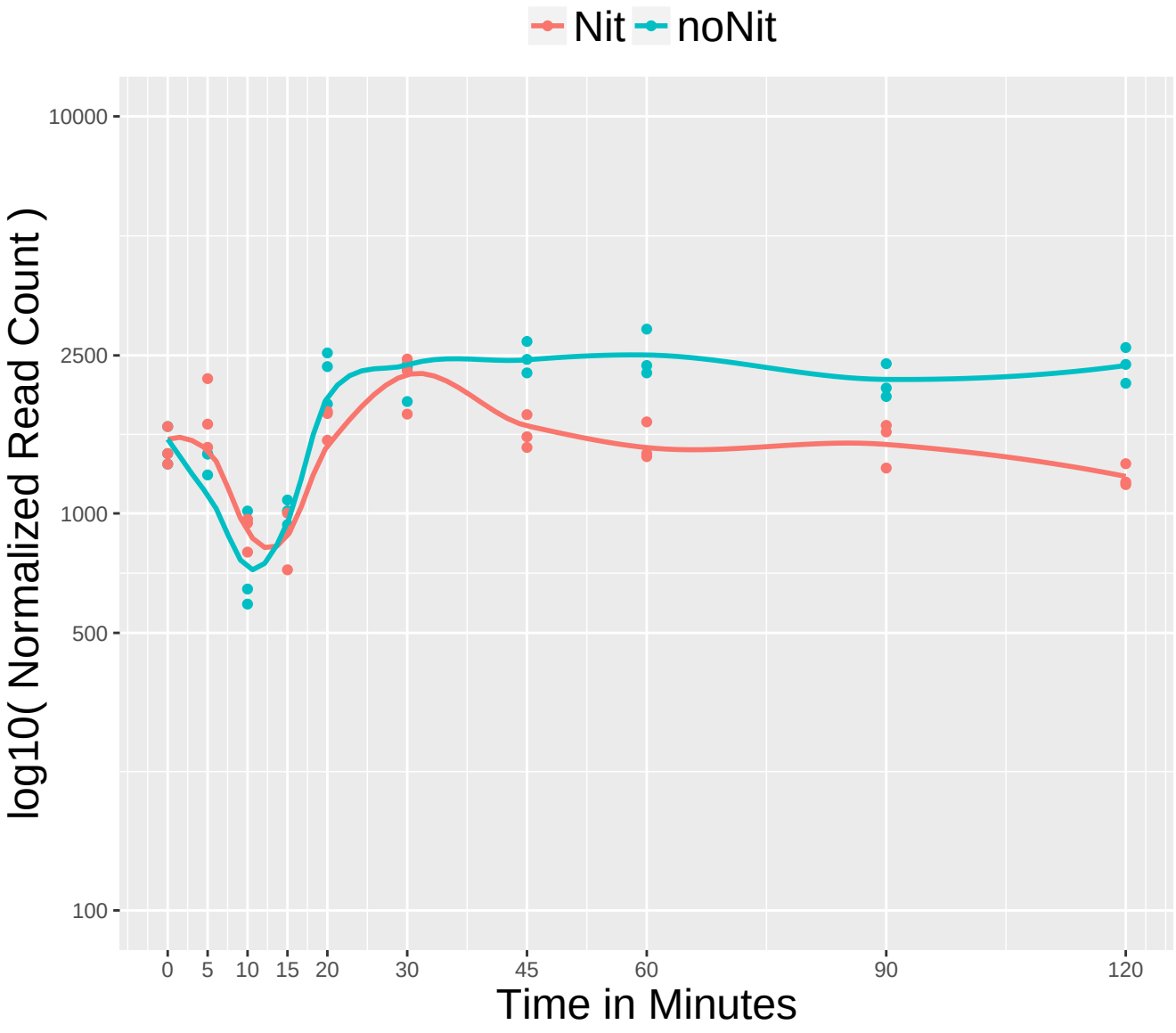
AtBBD2,,BBD2,bifunctional



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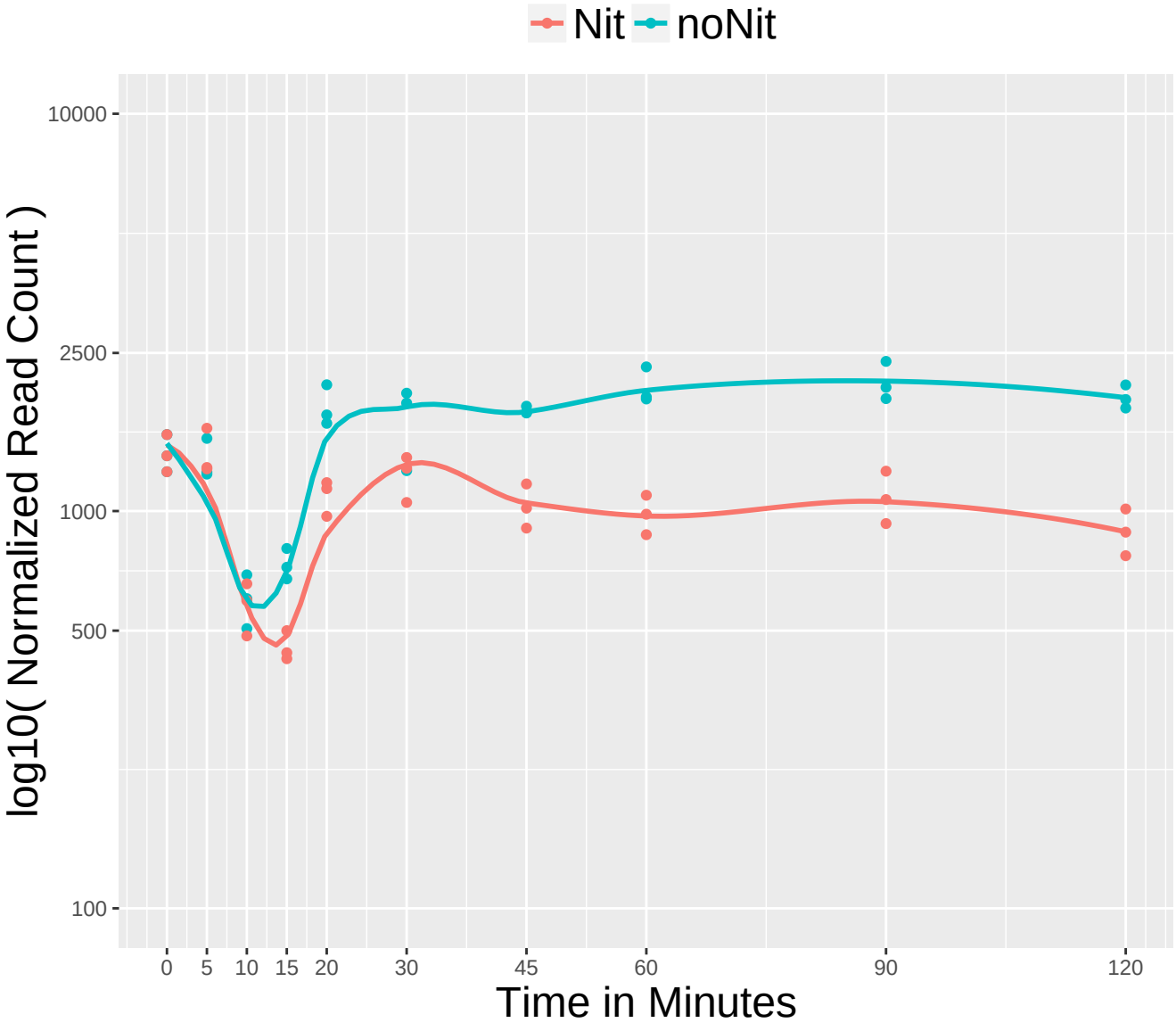
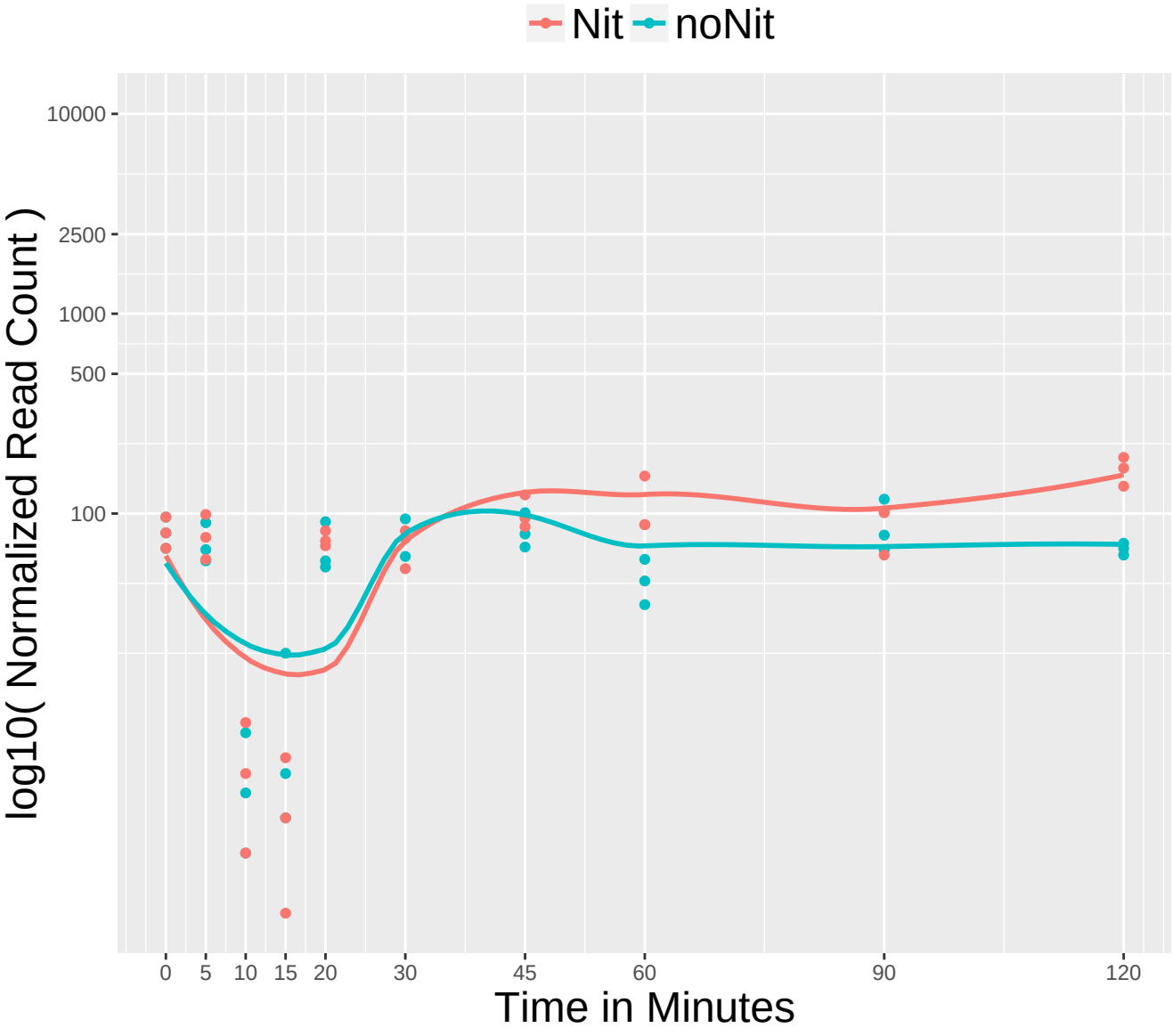
BEL10,BEL1−like



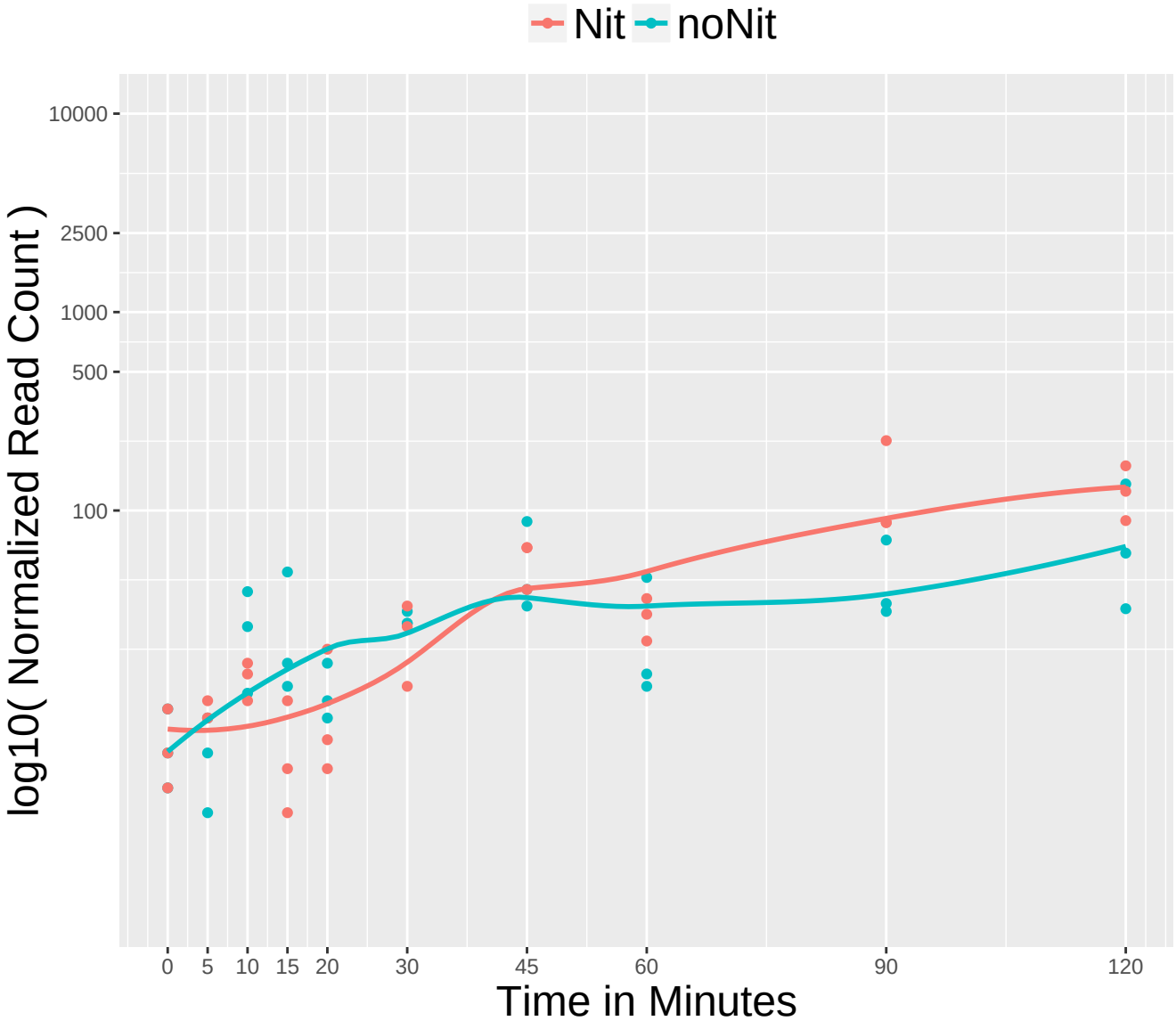
AT1G45015

MD−2−related



AT1G58300

HO4,heme



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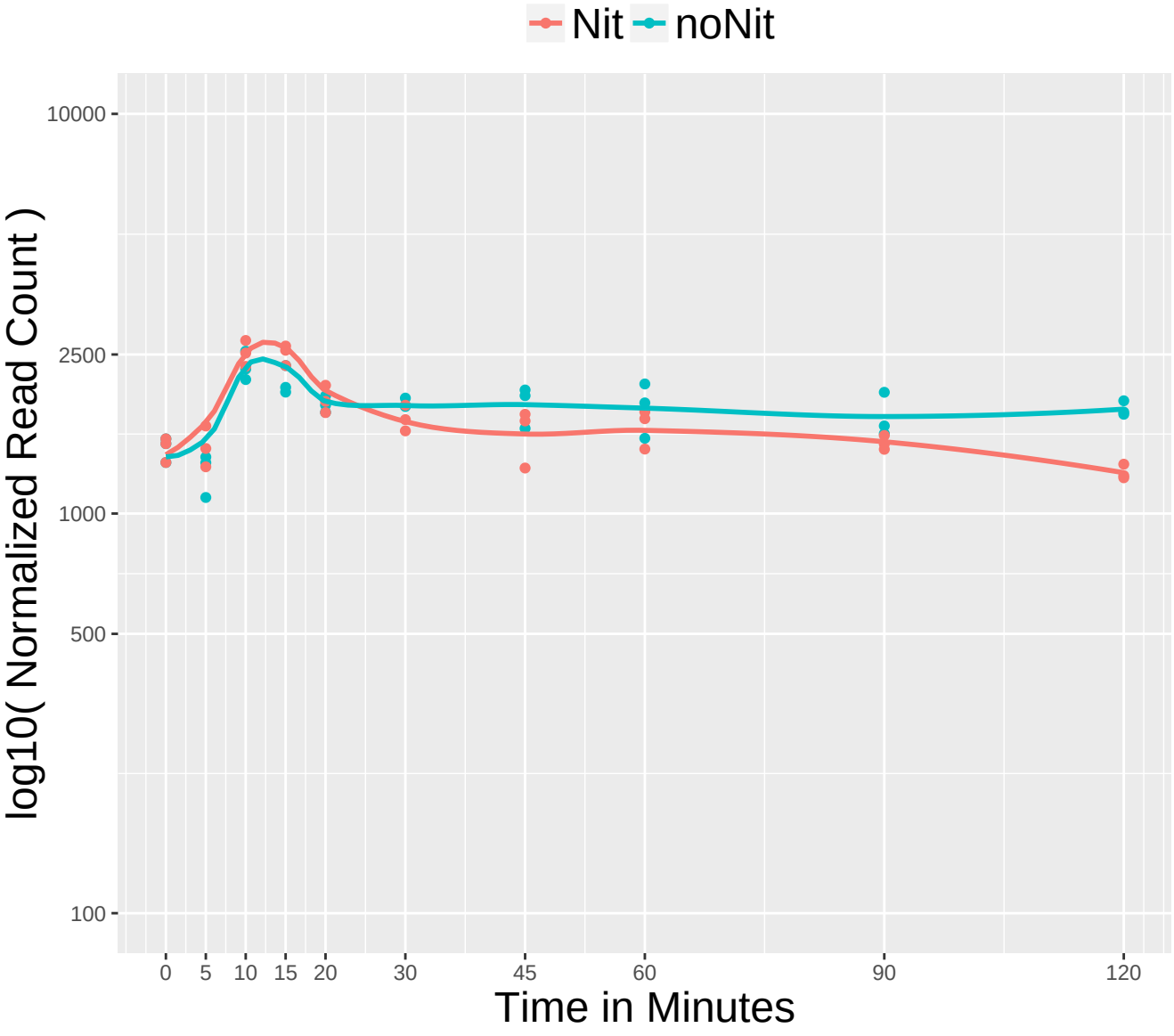
Leucine−rich



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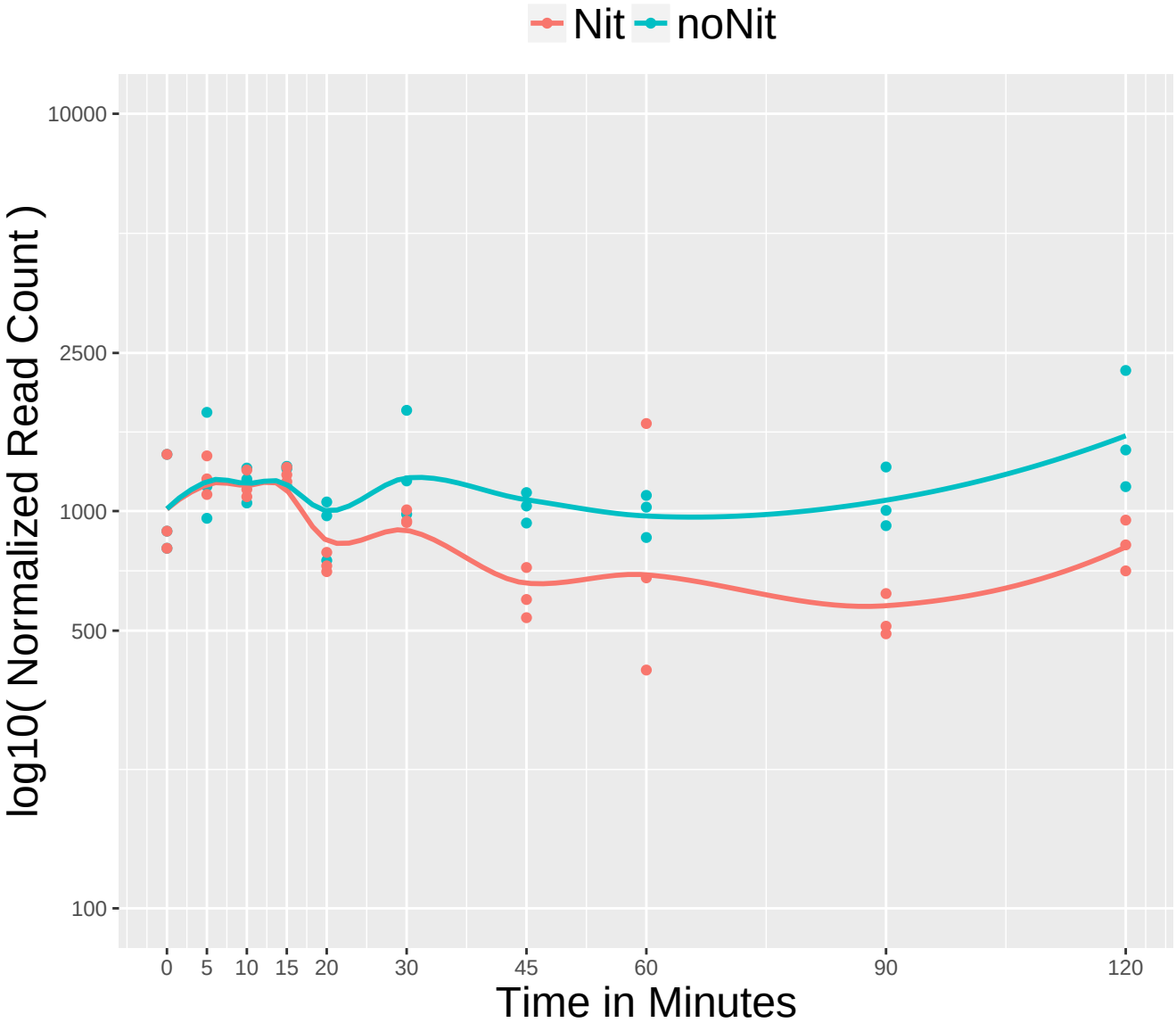
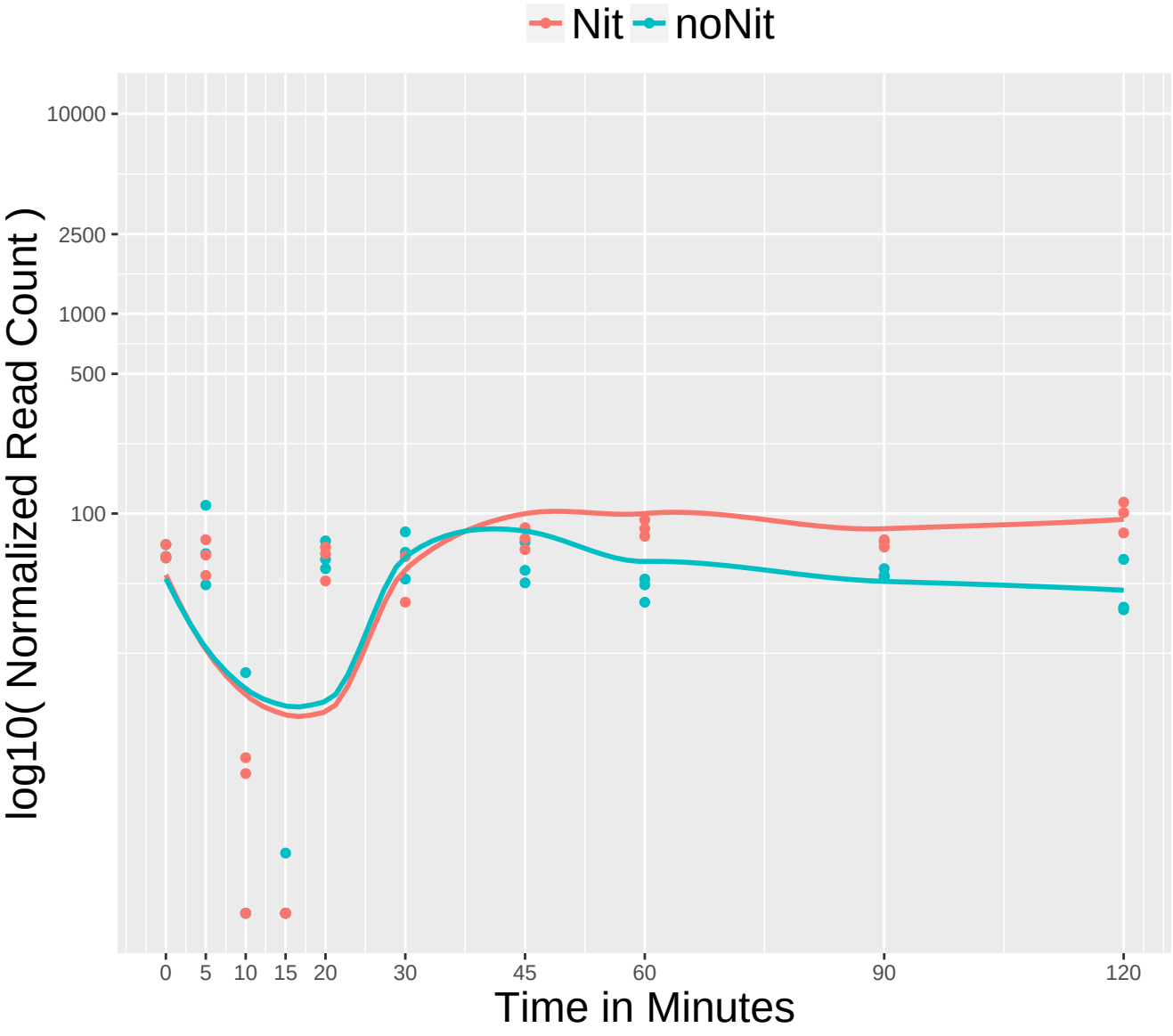
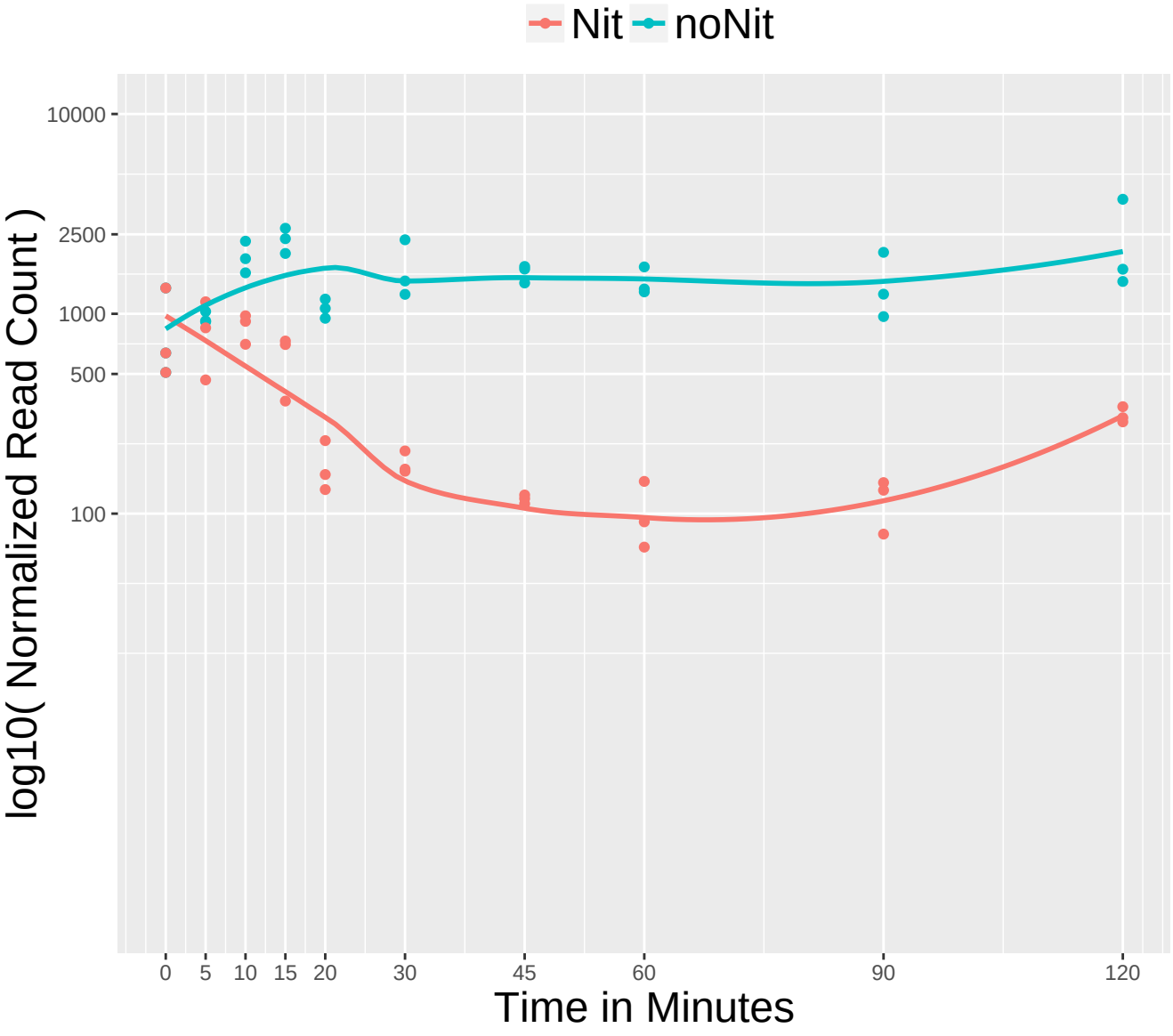


AT2G20721

snoRNA

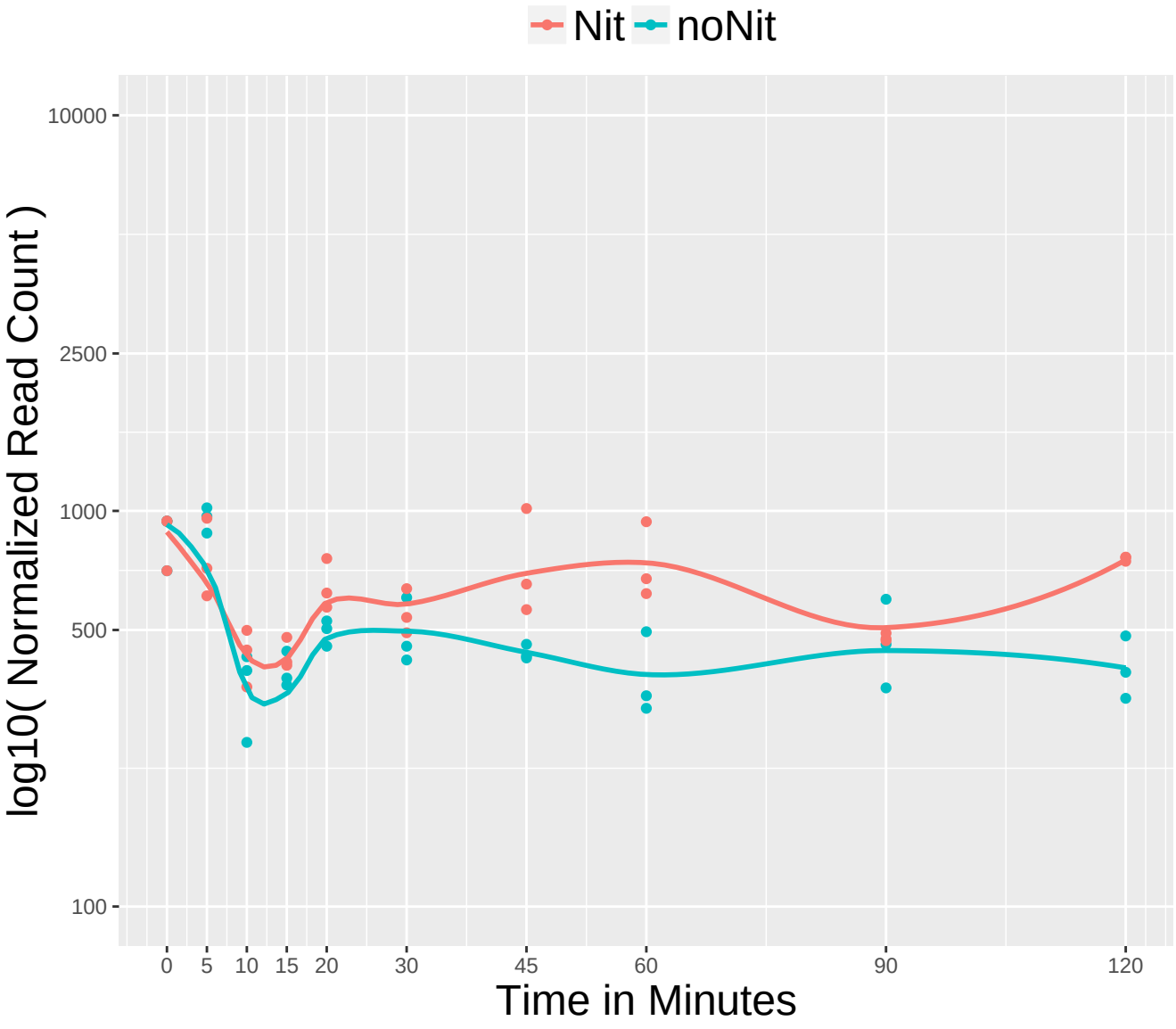


AT2G23270


Nit
noNit
10000
2500
1000
500
100
log10(Normalized Read Count)
0
5
10
15
20
30
45
60
90
120
Time in Minutes

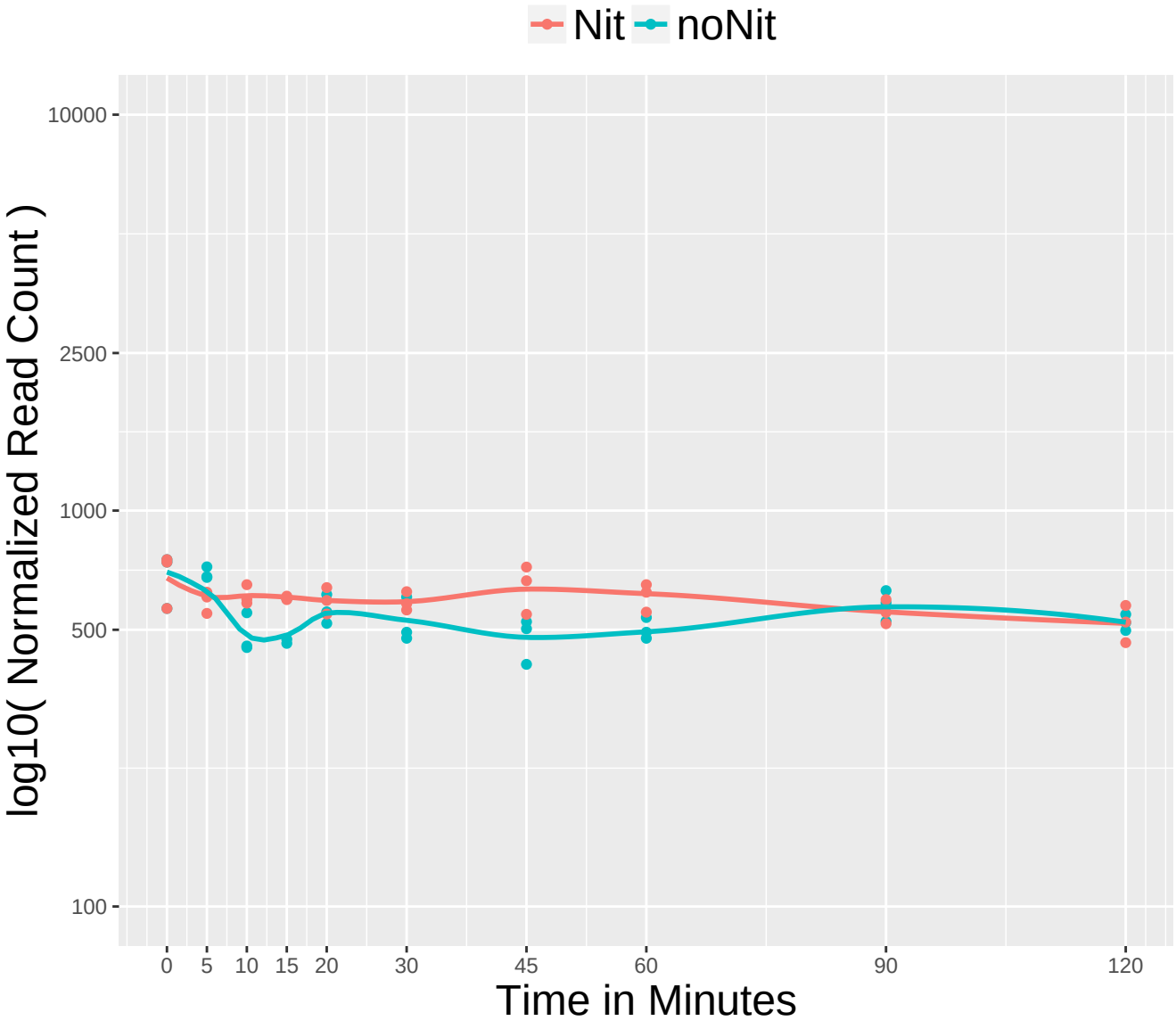
AT2G27330

RNA−binding



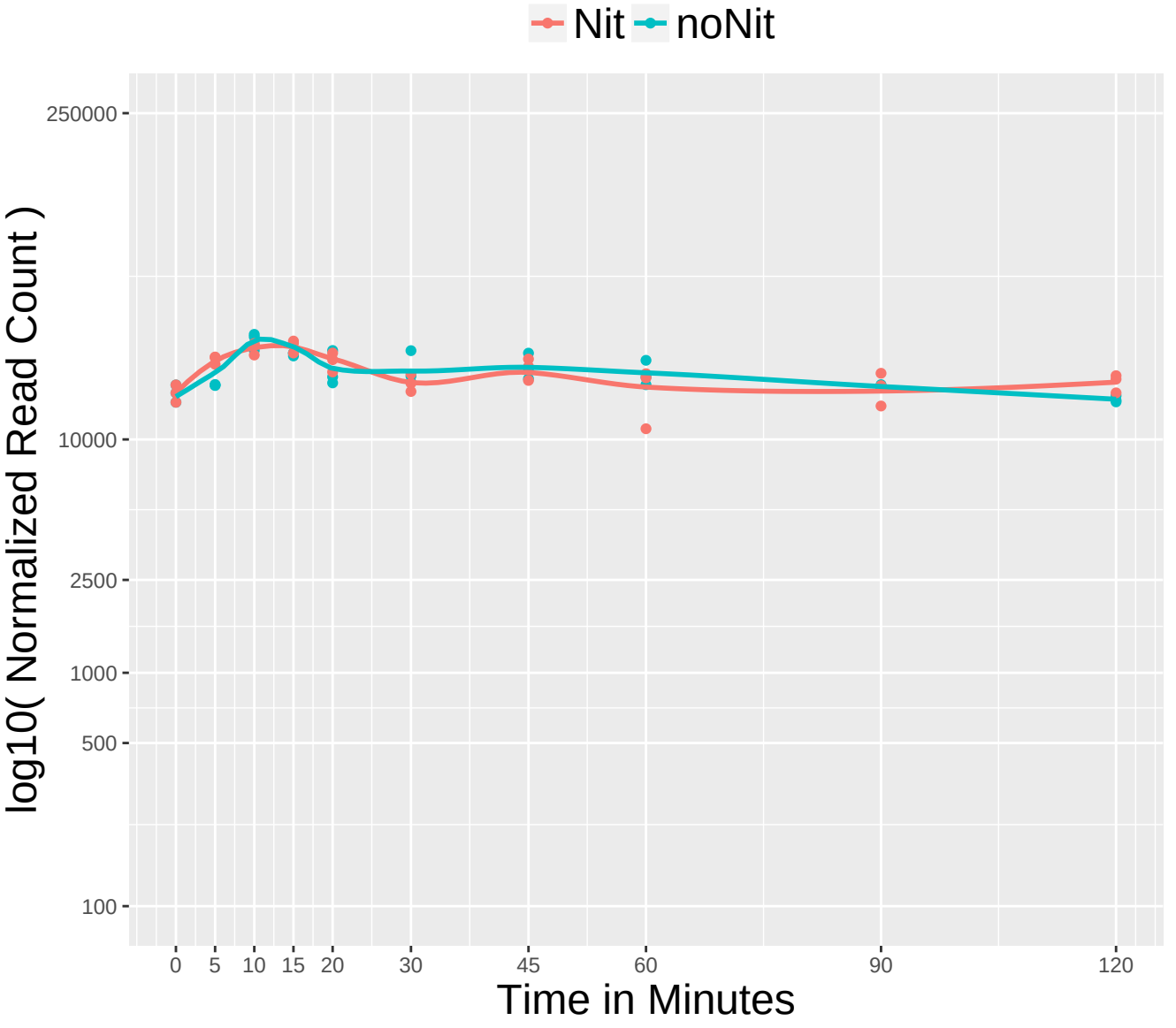
AT2G41050

PQ−loop



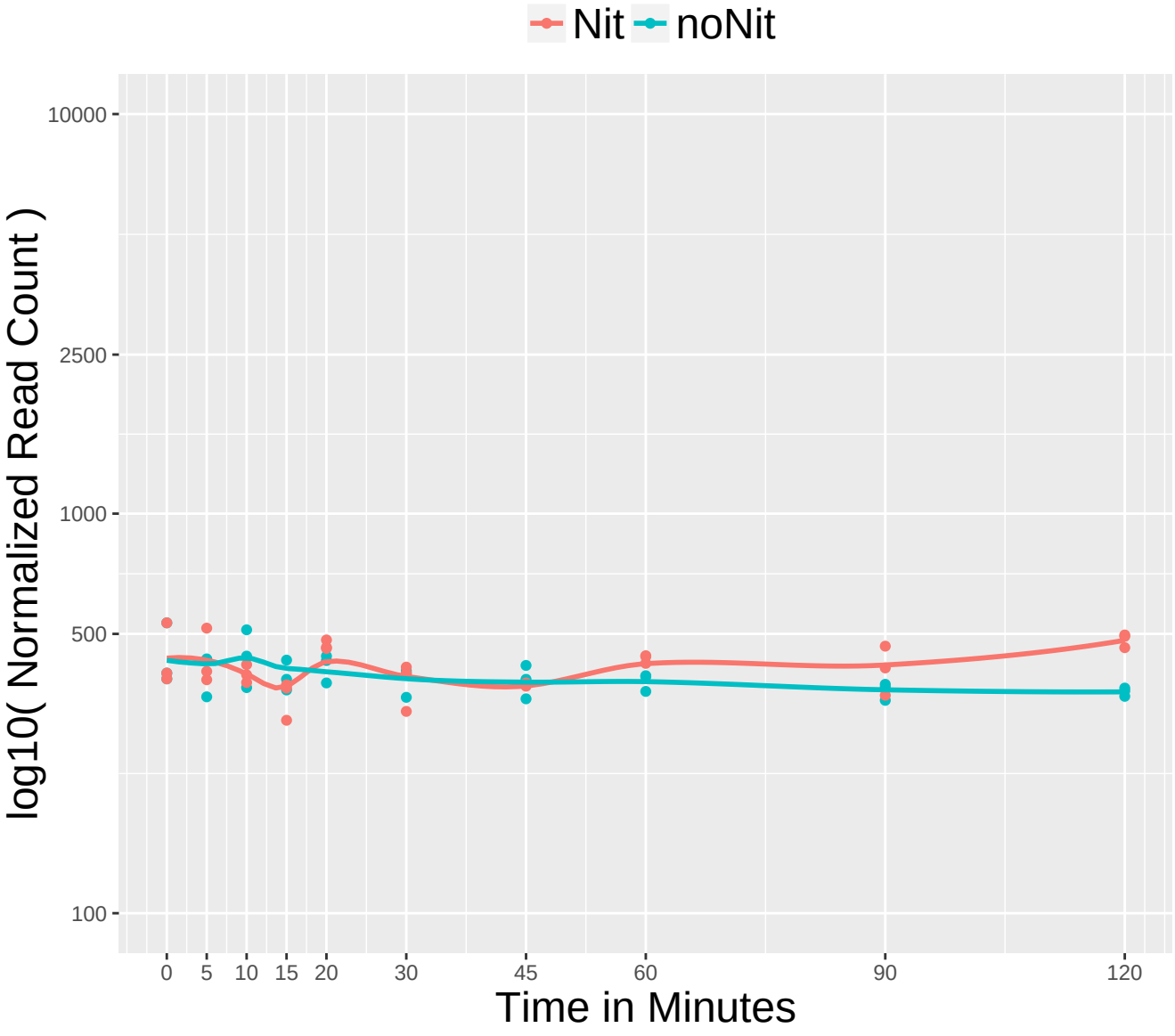
AT2G43610

Chitinase



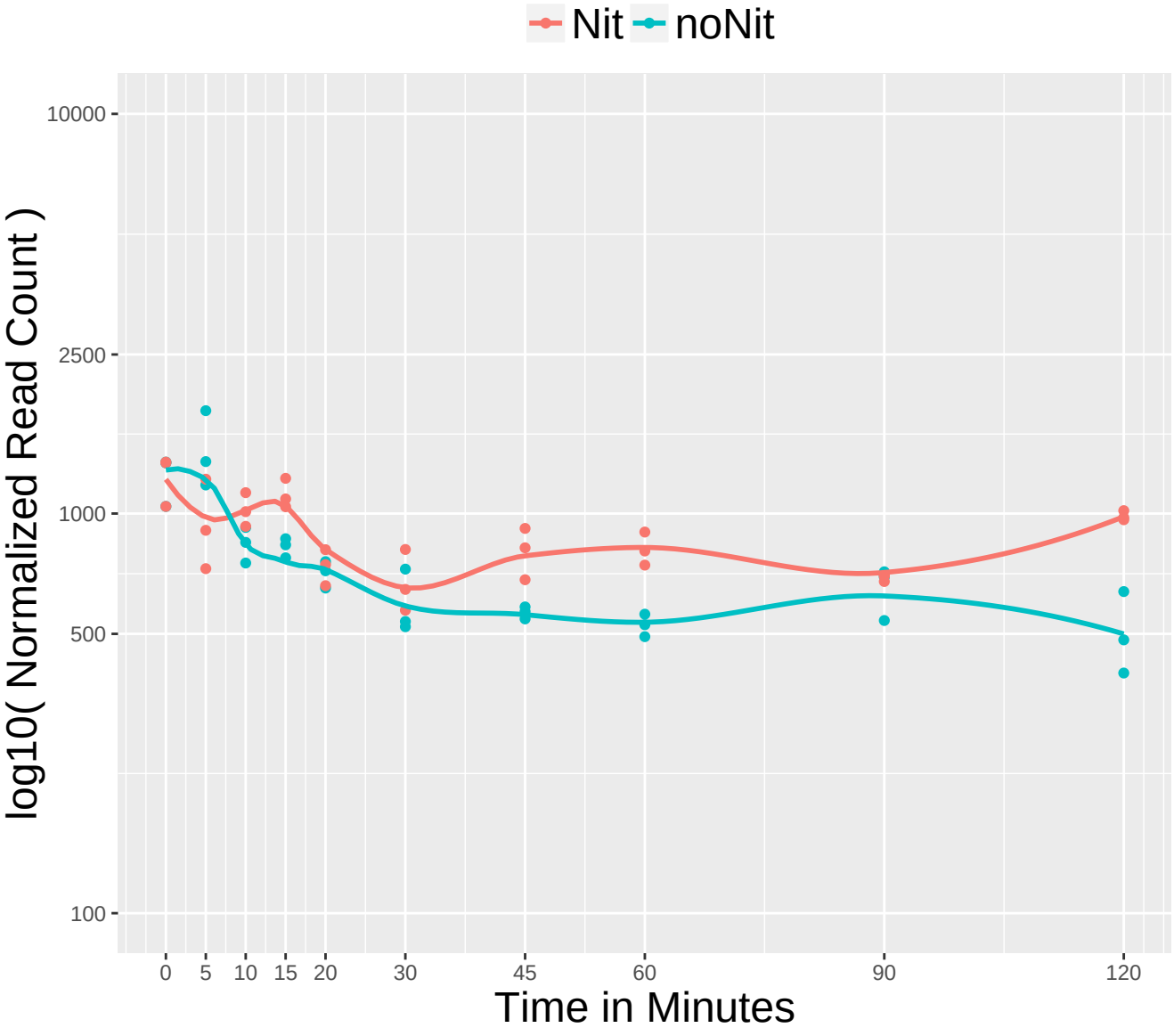
AT2G46040

ARID/BRIGHT



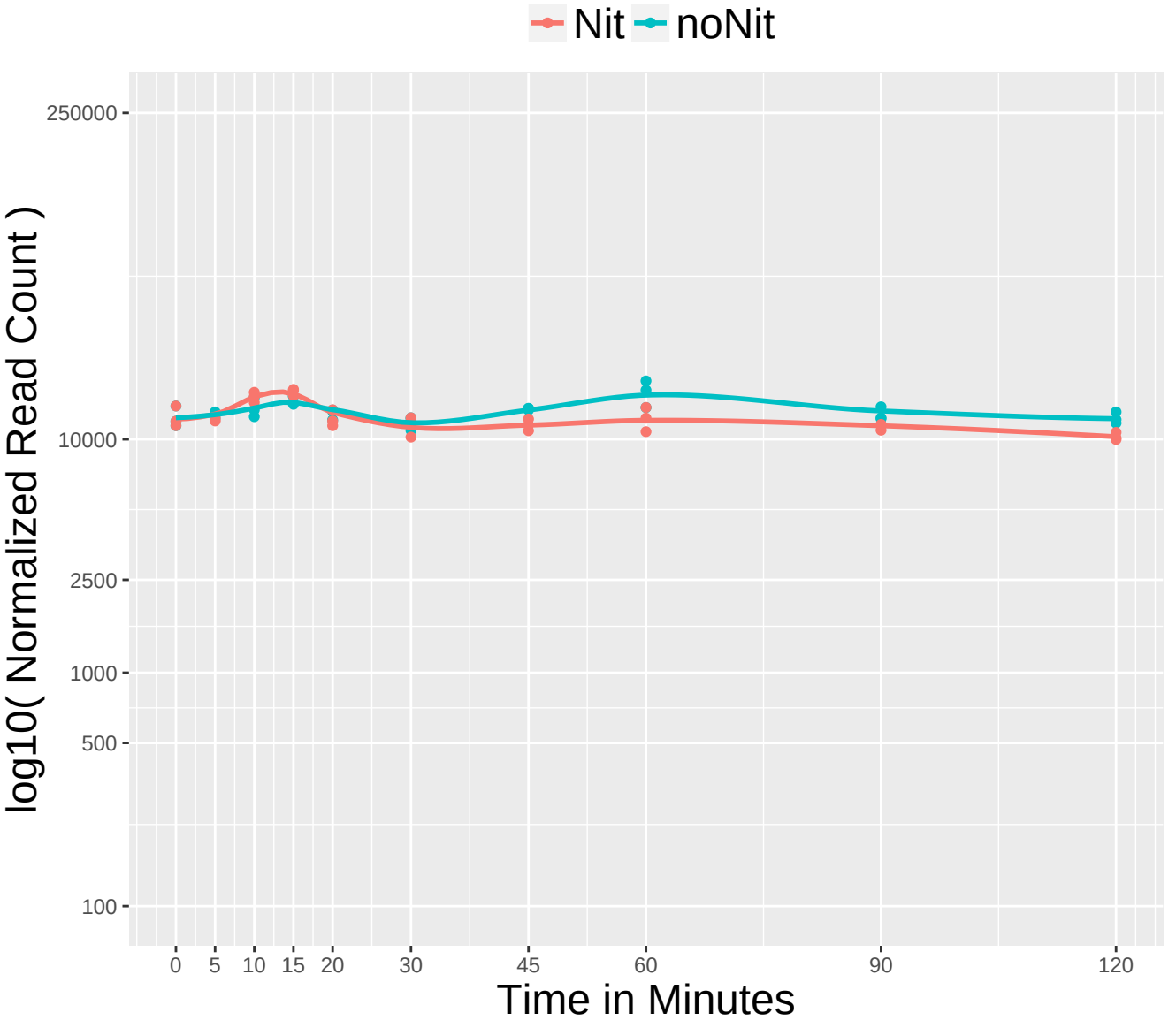
AT3G58220

TRAF−like



AT4G19110

Protein



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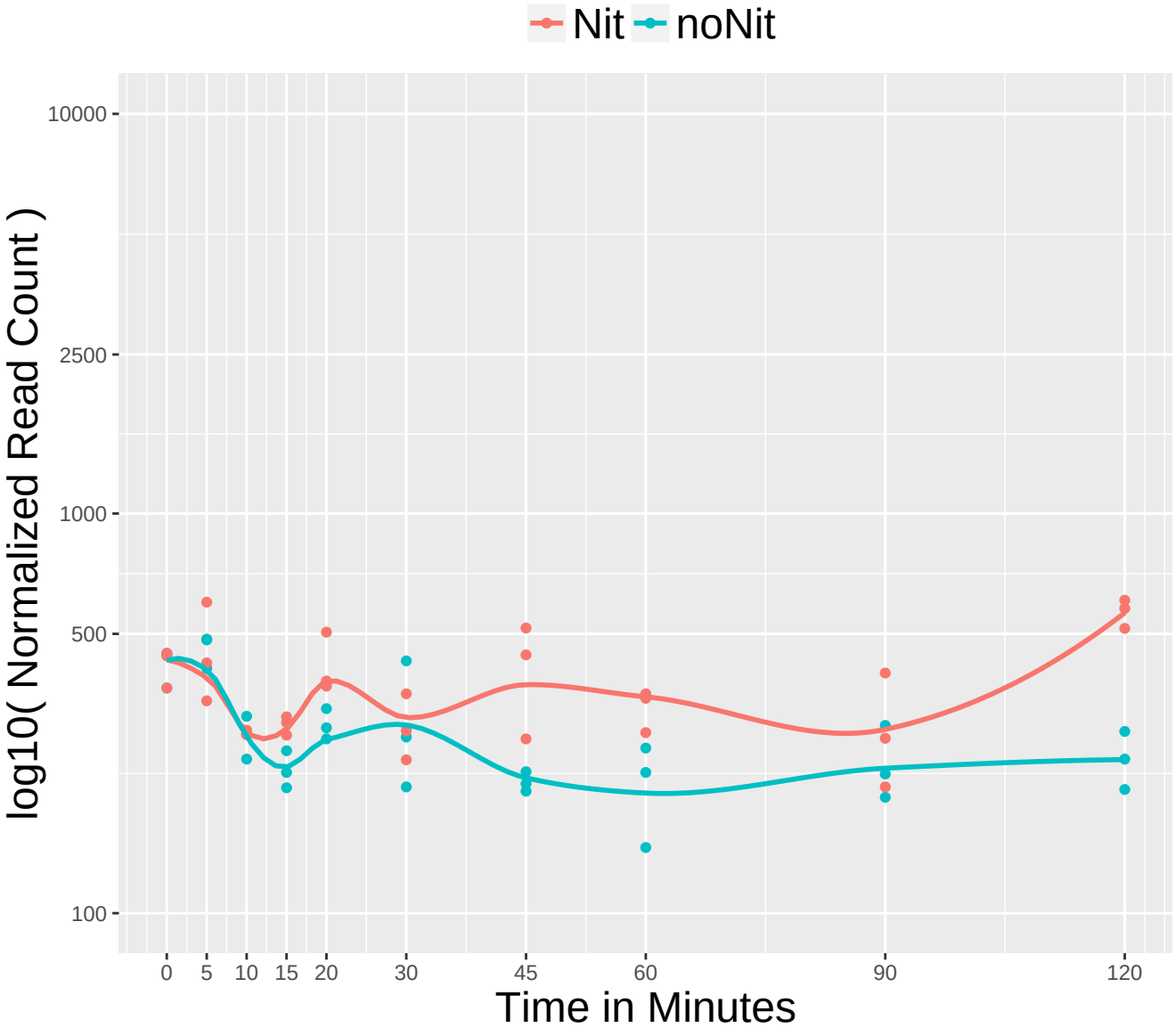
other



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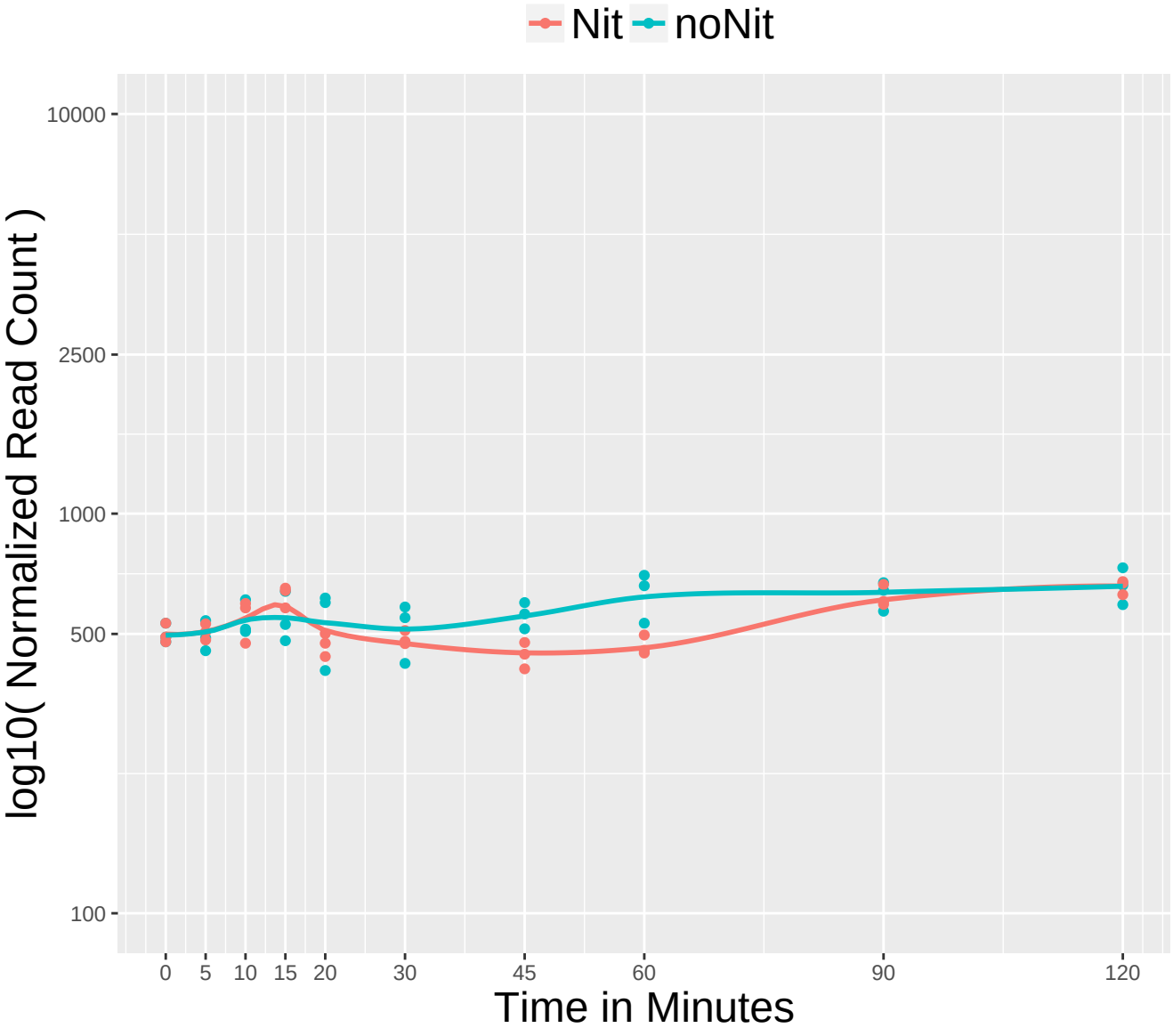
Nit
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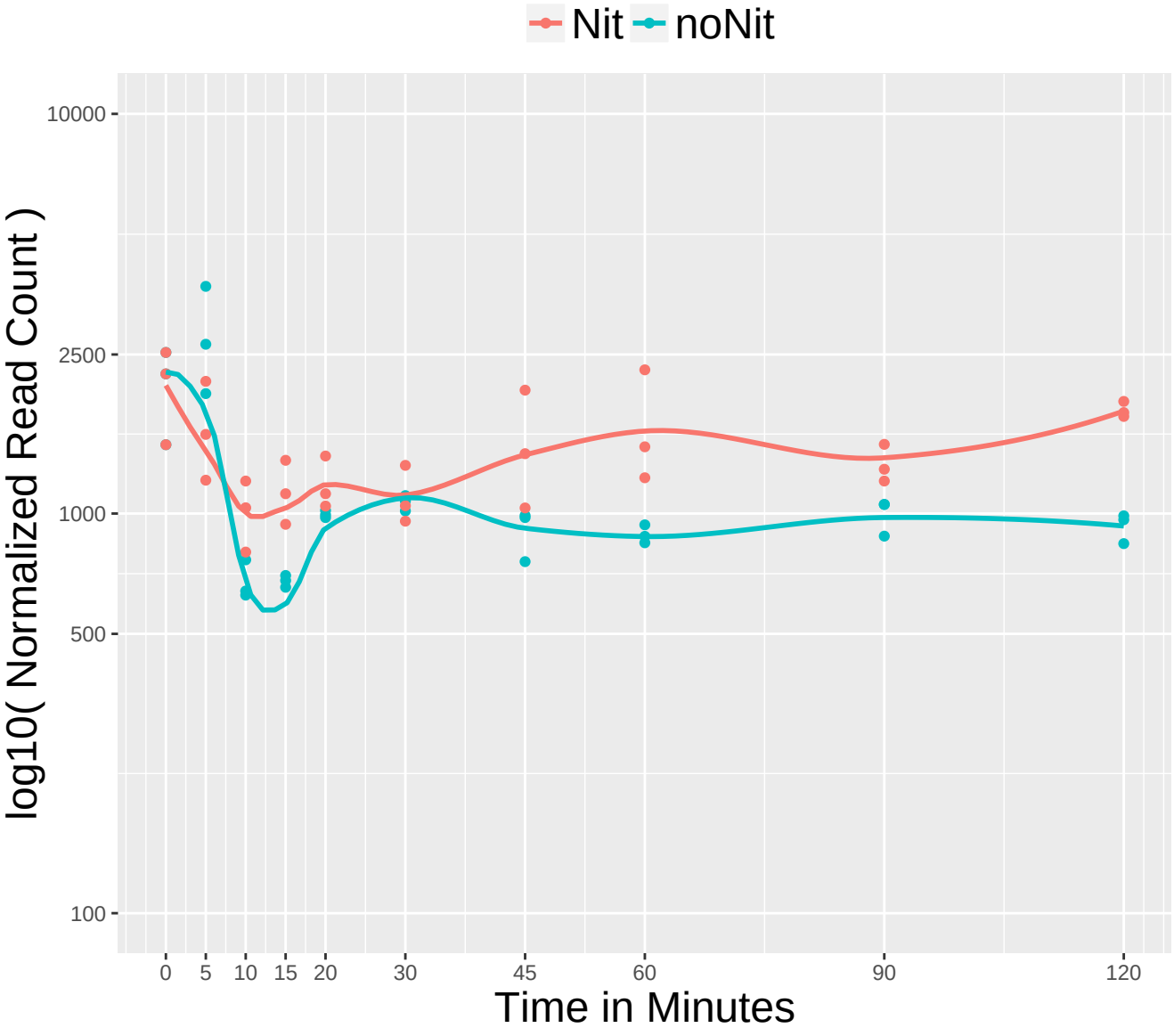
5
10
15
20
30
45
60
90
120
Time in Minutes

AT5G22320

Leucine−rich



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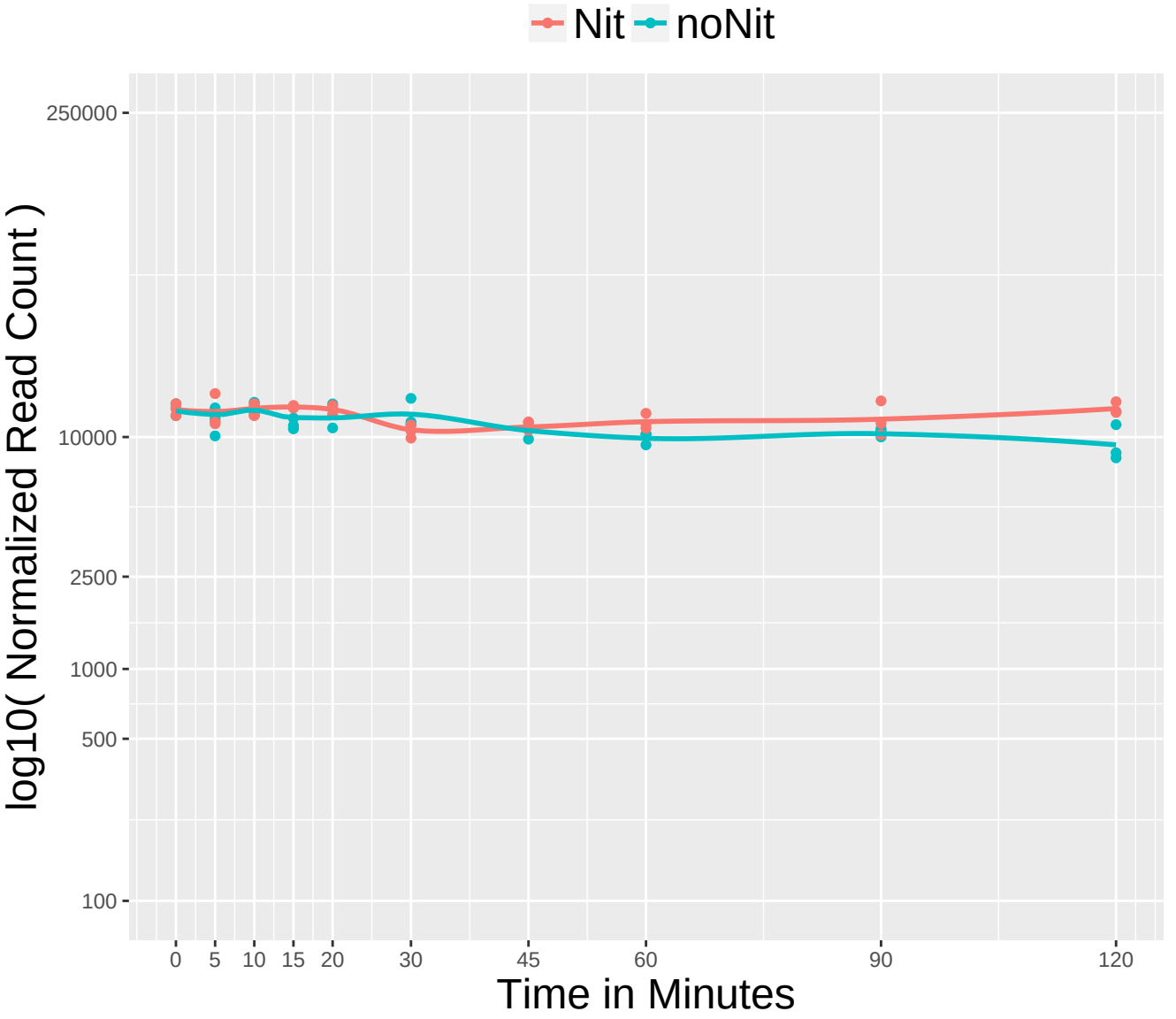
ATFBR1,,ATFIB1,,FBR1,FIBRILLARIN



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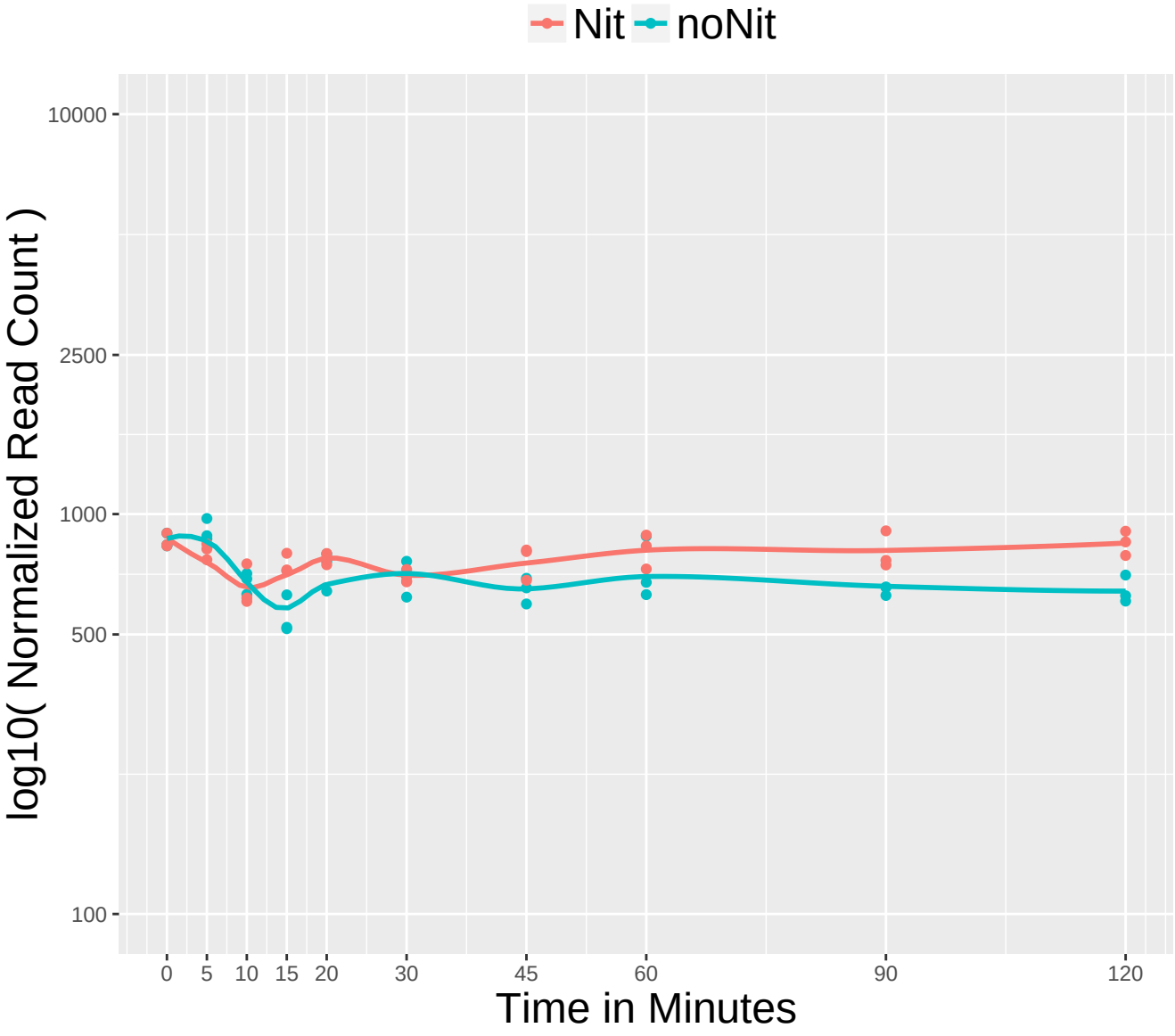
ENTH/VHS



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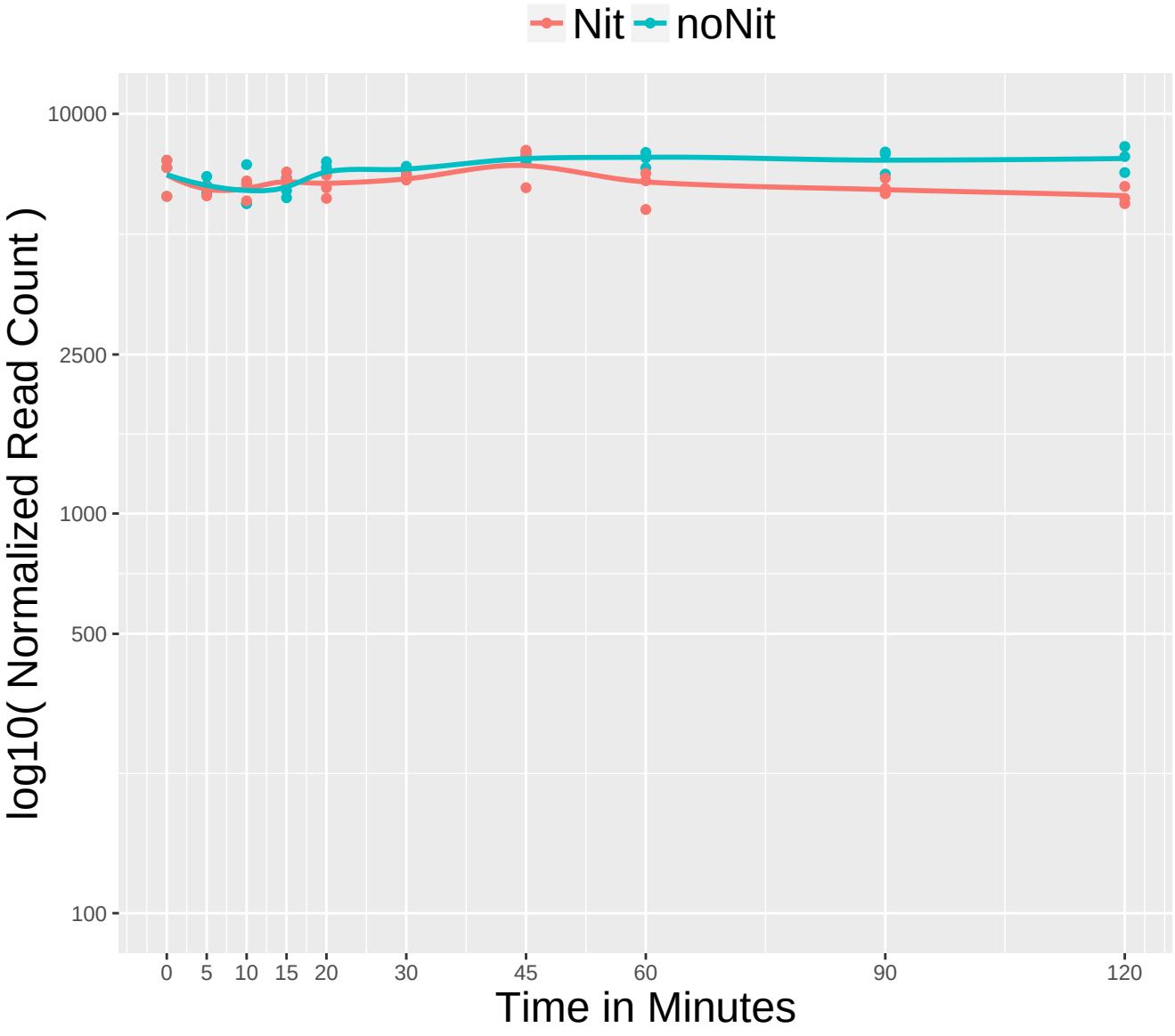
structural



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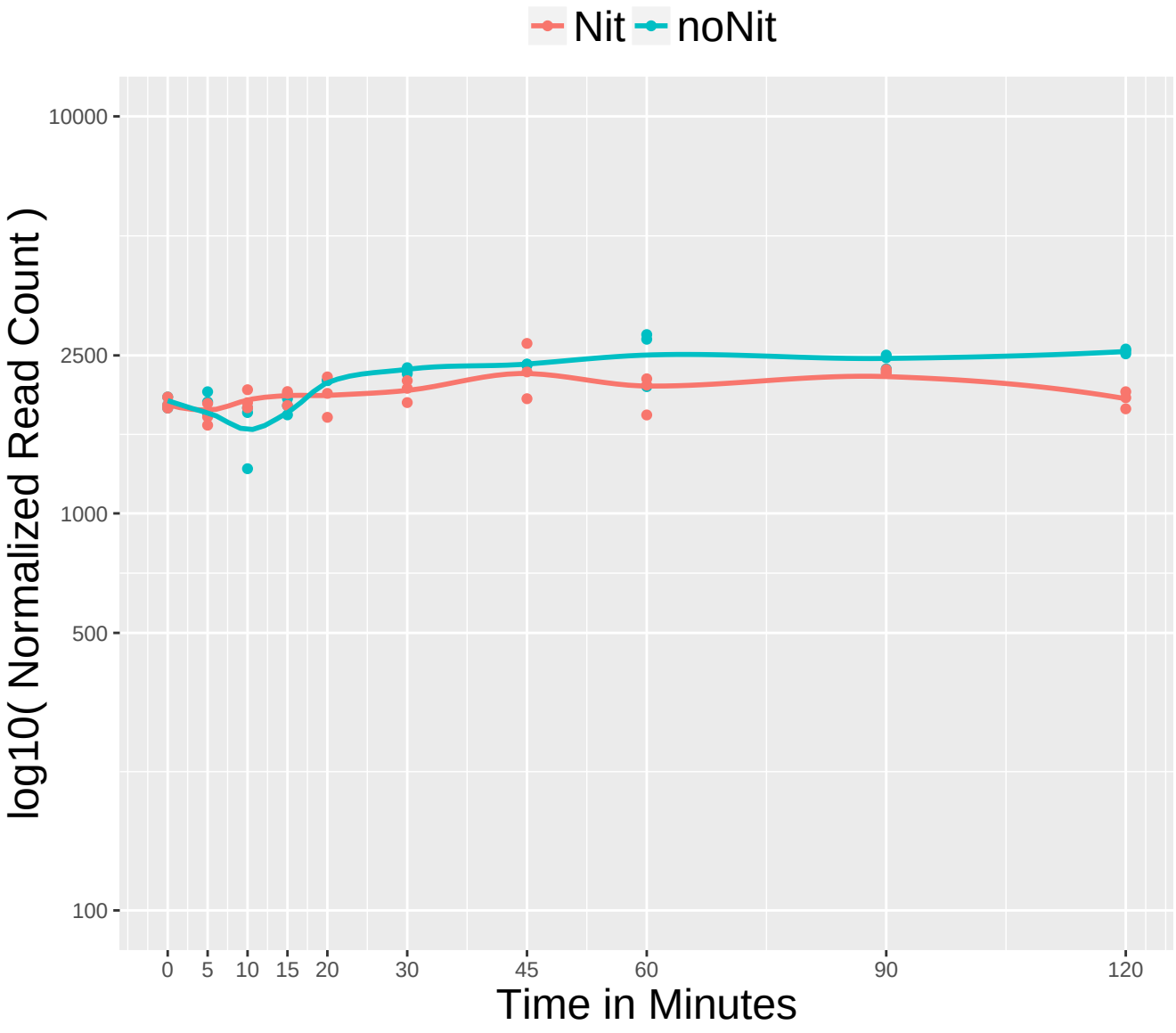
AtTRS130,,CLUB,CLUB