Inventory of data repository:

Michael A. Schmid and Eva Harris.
Monocyte Recruitment to the Dermis and Differentiation to Dendritic Cells Increases the Targets for Dengue Virus Replication

File type: The repository includes FSC 3.0 files that were exported from Diva software (BD Biosciences) and can be opened with FlowJo software (TreeStar). In some cases, an updated compensation matrix is included for a specific experiment that should be applied to the FCS files within the FlowJo software. Fluorescent channels also indicate the specifically stained markers.

(I) Experiment: Steady-state comparison WT versus Ifnar-/- mice

File name and ID	Time	Condition	Figure
Dermis steadystate DC stain WT.fcs	0 h	Steady state	3A
Dermis steadystate DC stain Ifnar.fcs	0 h	Steady state	3B
Dermis steadystate Mono stain WT.fcs	0 h	Steady state	3A
Dermis steadystate Mono stain Ifnar.fcs	0 h	Steady state	3B
Epidermis steadystate WT.fcs	0 h	Steady state	2A
Epidermis steadystate Ifnar.fcs	0 h	Steady state	2A

Compensation is included within FCS files.

(II) Experiment: Epidermis, 24 h DENV infection (Ifnar-/- mice)

File name and ID	Time	Condition	Figure
Epidermis 24h primary DENV Ifnar.fcs	24 h	DENV i.d. primary	2
Epidermis 24h ADE DENV Ifnar.fcs	24 h	DENV i.d. ADE	2
Epidermis 24h PBS Ifnar.fcs	24 h	PBS i.d.	2
Exp 24h Epidermis DENV Compensation Matrix			

The compensation matrix should be applied to the FCS files within FlowJo.

(III) Experiment: Dermis, 24 h DENV infection (Ifnar-/- mice)

File name and ID	Time	Condition	Figure
Dermis 24h ADE DENV Ifnar.fcs	24 h	DENV i.d. ADE	4 & 5
Dermis 24h PBS Ifnar.fcs	24 h	PBS i.d.	4 & 5
Dermis 24h primary DENV Ifnar.fcs	24 h	DENV i.d. primary	4 & 5
Dermis steadystate Ifnar (C inf).fcs	0 h	Steady state	4 & 5
Exp 24h Compensation Matrix			

The compensation matrix should be applied to the FCS files within FlowJo.

(IV) Experiment: Dermis 48 & 72 h DENV infection (Ifnar-/- mice)

File name and ID	Time	Condition	Figure
Dermis 48h primary DENV Ifnar.fcs	48 h	DENV i.d. primary	4 & 5
Dermis 48h ADE DENV Ifnar.fcs	48 h	DENV i.d. ADE	4 & 5
Dermis 48h PBS Ifnar.fcs	48 h	PBS i.d.	4 & 5
Dermis 72h primary DENV Ifnar.fcs	72 h	DENV i.d. primary	4 & 5
Dermis 72h ADE DENV Ifnar.fcs	72 h	DENV i.d. ADE	4 & 5
Dermis steadystate Ifnar (C inf).fcs	0 h	Steady state	4 & 5
Exp 48 & 72h Compensation Matrix			

The compensation matrix should be applied to the FCS files within FlowJo.

(V) Experiment: Adoptive transfer of Ifnar-/- monocytes into Ifnar-/- recipients, Dermis 48 h primary DENV infection

File name and ID	Time	Condition	Ear	Figure
Ms1_Dermis mono Tx DENV-infected side.fcs	48 h	Monocyte transfer DENV i.d. primary	Infected	8
Ms1_Dermis mono Tx DENV, non-infected side.fcs	48 h	Monocyte transfer DENV i.d. primary	Non-infected	8
Ms2_Dermis no Tx DENV-infected side.fcs	48 h	No transfer DENV i.d. primary	Infected	8
Ms2_Dermis no Tx DENV, non-infected side.fcs	48 h	No transfer DENV i.d. primary	Non-infected	8
Ms3_Dermis mono Tx steadystate left.fcs	48 h	Monocyte transfer Steady state	Non-treated	8
Ms3_Dermis mono Tx steadystate right.fcs	48 h	Monocyte transfer Steady state	Non-treated	8
Ms4_Dermis no Tx steadystate left.fcs	48 h	No transfer Steady state	Non-treated	8
Ms4_Dermis no Tx steadystate right	48 h	No transfer Steady state	Non-treated	8
Mono Ifnar to Ifnar Compensation Matrix				

The compensation matrix should be applied to the FCS files within FlowJo.