Project Name: All-trans retinoic acid induces synaptic plasticity in human cortical neurons

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Type of data files: GraphPad Prism 7 datafiles (.pzfx)

Description of Files:

Name	**Relation to figure (in referenced article)**
Data+Statistics_Figure_1_+_1-S1	Source Data for Figure 1 and Figure 1-figure supplement 1
Data+Statistics_Figure_2_+_2-S1	Source Data for Figure 2 and Figure 2-figure supplement 1
Data+Statistics_Figure_3_+_3-S1_+_3-S2	Source Data for Figure 3, Figure 3-figure supplement 1 and Figure 3-figure supplement 2
Data+Statistics_Figure_4_+_4-S1	Source Data for Figure 4 and Figure 4-figure supplement 1
Data+Statistics_Figure_5	Source Data for Figure 5

Key Definitions and Data Types:

Data+Statistics_Figure_1_+_1-S1: electrophysiological data

atRA:	all-trans retinoic acid
I/O-Curve:	Input/Output-Curve
sEPSC:	spontaneous excitatory postsynaptic current

Data+Statistics_Figure_2_+_2-S1: microscopy data

atRA:	all-trans retinoic acid
SP:	Synaptopodin
SA:	Spine Apparatus Organelle
EM:	Electron Microscopy

Data+Statistics_Figure_3_+_3-S1_3-S2: electrophysiological data

atRA:	all-trans retinoic acid
sEPSC:	spontaneous excitatory postsynaptic current
Synpo:	Synaptopodin
KO:	knock-out
GFP:	Green Fluorescent Protein
I/O-Curve:	Input/Output-Curve

Data+Statistics_Figure_4_+_4-S1: electrophysiological data

atRA:	all-trans retinoic acid
sEPSC:	spontaneous excitatory postsynaptic current
IO:	Input/Output
AP:	Action Potential
ampl.:	amplitude
distr.:	distribution

Data+Statistics_Figure_5: electrophysiological and microscopy data

atRA:	all-trans retinoic acid
sEPSC:	spontaneous excitatory postsynaptic current
Synpo:	Synaptopodin
distr.:	distribution

Units are defined in the data tables, results, or graphs. Further details provided in the referenced article.