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Regulation of critical period plasticity in normal development and in Neurofibromatosis type 1

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List of Abbreviations

BDNF	Brain-derived neurotrophic factor
CSPCs	Chondroitin sulfate proteoglycans
dLGN	dorsal Lateral Geniculate Nucleus
ECM	Extracellular matrix
EE	Environmental enrichment
FRMP	Fragile X mental retardation protein
GABA	γ -amino butyric acid
<i>Gad2</i>	Glutamic acid decarbolase 2
GAD65/67	Glutamic acid decarboxylase 65/67
GAPDH	Glyceraldehyde 3-phosphate dehydrogenase
HCN1	hyperpolarization-activated cyclic nucleotide-gated channel 1
H-event	High participation event (>80%)
Ih	Inward cationic current
iODI	Imaged Ocular Dominance Index
L-event	Low participation event (20-80%)
MD	monocularly deprivation
MeCP2	methyl-CpG-binding protein 2
mGluR	metabotropic glutamate receptors
mIPSC	miniature inhibitory postsynaptic current
MYCBP2	Phr1 E3 ubiquitin ligase
NAD	nicotinamide adenine dinucleotide
NeuN	Neuronal Nucleus
NF1	Neurofibromatosis type 1
<i>nf1</i> ^{+/-} mice	Heterozygous <i>nf1</i> mice
NgR1	Nogo-66 receptor
NMNATs	Nicotinamide mononucleotide adenylyltransferases
OD	ocular dominance
P	postnatal day
PirB	Paired Ig-like receptor B
PNNs	Perineuronal nets
PV+	parvalbumin-expressing
UBE4b	Ubiquitin conjugation factor E4 B
sEPSC	spontaneous excitatory postsynaptic current
sIPSC	spontaneous inhibitory postsynaptic current
Syt 2	synaptotagmin-2
tPA	tissue plasminogen activator
V1	primary visual cortex
Wld ^S	Wallerian degeneration slow mice

