

## 5. Abkürzungsverzeichnis

ACh	-	Acetylcholin
AChR	-	Acetylcholin-Rezeptor
AMPA	-	$\alpha$ -amino-3-hydroxy-5-methyl-4-isoxazole propionic acid
AMPA	-	AMPA-Rezeptor(en)
BDNF	-	Brain derived neurotrophic factor
cdc42	-	Cell division cycle 42 (GTP-binding protein)
cDNA	-	Komplementäre Desoxyribonukleinsäure
DAG	-	Diacylglycerol
DSL	-	Gruppe von Notch-Liganden, die Delta, Serrate, Lag-2 umfassen
DsRed	-	Discosoma Red
GABA	-	$\gamma$ -Aminobuttersäure
GABA <sub>A</sub> R	-	GABA <sub>A</sub> -Rezeptor(en)
GFP	-	Grün fluoreszierendes Protein
GKAP	-	Guanylate kinase-associated protein
GlyR	-	Glyzin-Rezeptor(en)
GluR	-	Glutamat-Rezeptor(en)
GRIP	-	Glutamate receptor interacting protein
KCC2	-	Kaliumchlorid-Co-Transporter, Typ2
LTD	-	Long-term depression
LTP	-	Long-term potentiation
Map2	-	Mikrotubuli-assoziiertes Protein 2
MARCKS	-	Myristoylated alanine-rich C-kinase substrate
mGluR	-	Metabotrope(r) Glutamat-Rezeptor(en)
Moco	-	Molybdän-Co-Faktor
mRNA	-	Messenger Ribonukleinsäure
NGF	-	Nerve growth factor
NHERF	-	Na <sup>+</sup> /H <sup>+</sup> -exchanger regulatory factor
NICD	-	Notch intracellular domain
NMDA	-	N-Methyl-D-Aspartat
NMDAR	-	NMDA-Rezeptor(en)
PCR	-	Polymerase chain reaction
PDZ	-	Postsynaptic, discs large, zonula occludens
PKC	-	Protein-Kinase-C
PSD	-	Postsynaptische Domäne
PSD-95	-	Postsynaptic density protein of 95 kDa molecular weight
RACK1	-	Receptor for activated C-kinase
RAFT1	-	Rapamycin and FKBP 112 target 1
RFLP	-	Restriction fragment length polymorphism
Shank	-	SH3 and ankyrin repeat-containing protein
TGN	-	Trans-Golgi-Netzwerk
TrkB	-	Tyrosin kinase B receptor, high affinity neurotrophin receptor
ZNS	-	Zentralnervensystem