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Abkürzungsverzeichnis

'	Minuten
+/+	Wildtyp
-/-	Knockout
3'UTR	3'-untranslatierte Region
5'UTR	5'-untranslatierte Region
AMPA	α -Amino-3-Hydroxy-5-Methyl-4-Isoxazol-Propionat
Arc	<i>activity-regulated, cytoskeleton-associated protein</i> (=Arg3.1)
Arg3.1	<i>activity-regulated gene, 3.1 base pairs in length</i> (=Arc)
BDNF	<i>brain derived neurotrophic factor</i>
Ca ⁺⁺	Kalziumion
CA1-3 Region	Cornu ammonis Region 1-3
CaMKII	Ca ²⁺ /Calmodulin abhängige Proteinkinase
Cis	<i>cytokine-inducible SH2-containing protein</i>
Co-IP	Co-Immunopräzipitation
CS	<i>conditioned stimulus</i> (zu konditionierender Stimulus)
CTA	<i>conditioned taste aversion</i>
DNA	<i>Deoxyribonucleic Acid</i> (Desoxyribonukleinsäure)
dNTP	Desoxyribonukleotidtriphosphat
E-LTP	frühe (<i>early</i>) Phase der LTP
FEM	Forschungseinrichtung für experimentelle Medizin der Charité Berlin
GAPDH	Glycerinaldehyd-3-Phosphat Dehydrogenase
GSF	Gesellschaft für Strahlenforschung, heute: Forschungszentrum für Umwelt und Gesundheit
h	Stunden
i.p.	intraperitoneal
JAB	<i>Janus kinase-binding protein</i> (=SOCS)
JAK	Janus Kinase
Kb	Kilobasen
ko	<i>knockout</i>
loxP	<i>Locus of Crossover</i> in P1 (Erkennungssequenz der Cre-Rekombinase)
LTP	Langzeit-Potenzierung
L-LTP	späte (<i>late</i>) Phase der LTP
m	Meter
MAP2	<i>microtubule-associated protein2</i>
mM	milliMolar
mRNA	<i>messenger RNA</i>

Na ⁺	Natriumion
NIH	<i>National Institute of Health</i>
NMDA	N-Methyl-D-Aspartat
NMDAR	NMDA-Rezeptor-Kanal
NR1	NMDAR Untereinheit 1
NRC	<i>NMDA-receptor-complex</i>
MPI	Max-Planck-Institut
ORF	<i>open reading frame</i>
PBS	Phosphat gepufferte Salzlösung
PIAS	<i>protein inhibitor of activated STAT</i>
PKA	Proteinkinase A
PKC	Proteinkinase C
(rt)PCR	<i>(reverse transcriptase) polymerase chain reaction</i>
PSD	Postsynaptische Dichte
RNA	<i>Ribonucleic acid</i> (Ribonukleinsäure)
RT	Raumtemperatur
Rpm	Umdrehungen pro Minute (<i>rounds per minute</i>)
sec	Sekunden
SD	<i>standard deviation</i> , Standardabweichung
SDS	<i>Sodium</i> (Natrium) Dodecylsulfat
SOCS	<i>suppressor of cytokine signalling</i>
SSI	<i>STAT-induced STAT inhibitor</i> (=SOCS)
STAT	<i>signaling transducer and activator of transcription</i>
t-PA	<i>tissue-plasminogen activator</i>
Tris	Tris-(hydroxymethyl)-aminomethan
U	<i>Unit</i> , Enzymeinheit
UKE	Universitätskrankenhaus Eppendorf, Hamburg
UR	unkonditionierte Reaktion
US	unkonditionierter Stimulus
Vol	Volumen
vs.	versus
WT	Wildtyp
ZMNH	Zentrum für Molekulare Neurobiologie Hamburg
ZNS	zentrales Nervensystem

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