

List of abbreviations

AP	affinity purification
BBB	blood-brain barrier
AQP4	aquaporin 4
AQPs	aquaporins
CD31	platelet endothelial cell adhesion molecule-1
CIC-2	chloride channel protein 2
CMTX	Charcot-Marie-Tooth disease
CNS	central nervous system
CSF	cerebrospinal fluid
Cyp B	cyclophilin B
Cx	connexin
DEMEM	Dulbecco's modified Eagle's medium
DGC	dystrophin associated glycoprotein complex
DTT	dithiothreitol
EM	electron microscopic
GAPDH	glyceraldehyde 3-phosphate dehydrogenase
GFP	green fluorescent protein
HA	haemagglutinin
HEK293	human embryonic kidney cells;
<i>I-V</i>	current-voltage
IHC	immunohistochemistry
ISF	interstitial fluid
IQs	intelligence quoficients
Kir4.1	Inwardly rectifying K ⁺ channel 4.1
LC-MS	liquid chromatography-mass spectrometry
MBP	myelin basic protein
MDC1A	merosin-deficient congenital muscular dystrophy
MLC	megalencephalic leukoencephalopathy with subcortical cysts
MLPA	multiplex ligation-dependent probe amplification
MOI	multiplicity of infection
MRI	magnetic resonance imaging
NF-H	neurofilament
nt	non-targeted

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Olig2	oligodendrocyte transcription factor 2
PCR	polymerase chain reaction
PVDF	polyvininylide fluoride
PMLD	Pelizeaus-Merzbacher-like disease
pPCR	quantative RT-PCR
RPS14	ribosomal protein S14
rPV	respective peptides
RT-PCR	reverse transcription PCR
RVD	volume decrease
RVI	volume increase
s.e.m	standard error of the mean
siRNA	small interfering RNA
Sf9	Spodoptera frugiperda 9
VRAC	volume-regulated anion channel
WB	Western blot
wt	wild-type