

Table S1: mGlu₁ peptides identified by LC-MS/MS in six immunoprecipitation replicate experiments.

mGlu₁ α -specific peptides are indicated in bold and light green cells. mGlu₁ β -specific peptides are indicated in italics and in light blue cells. The other peptides do not discriminate between the two isoforms

Peptide	Exp 1	Exp 2	Exp 3	Exp 4	Exp 5	Exp 6
ACDLGWWPNAELTGCEPITIR	X	X	X	X	X	
AMLDIVKR		X	X	X		
CLPDGQTLPPGR	X	X	X	X	X	X
DEVIEGYEVEANGGITIK			X			X
DSCWHSSVALEQSIEFIR	X		X	X	X	
DSLISIRDEK	X	X		X	X	X
DSLISIRDEKDGILNR	X	X				
DSVASGSSVPSSPVSESVLCTPPNVYASVILR			X	X	X	
EEPISPPGEDDDDDSSER	X	X	X	X	X	X
EGNTEEDDLEEEEDLPAASK	X	X	X	X	X	X
ELAAQEGLCIAHSDKIYSNAGEK					X	
ELAAQEGLCIAHSDK	X	X	X	X	X	X
ENEFVQDEFTCR	X	X	X	X	X	X
GDAPGRYDIMNLQYTEANR					X	
GEVSCCWICTACK			X	X	X	
GLPPPLPQQQQPPPPQPPQPK	X	X	X	X	X	X
GPPVATTPLPPHLSAEETPLFLADSVIPK	X	X	X	X	X	X
KGEVSCCWICTACK		X	X	X	X	
KLLDFLIK	X	X	X	X	X	X
KPIAGVIGPGSSSSVAIQVQNLLQLFDIPQIAYSATSIDLSDK				X	X	
KPIAGVIGPGSSSSVAIQVQNLLQLFDIPQIAYSATSIDLSDKTLYK					X	
LGVVGEFSLIGSDGWADR			X	X	X	
LLDFLIK	X		X	X		X
LLQEFVYER	X			X	X	X
LLVGLSSAMCYSALVTK	X		X	X	X	X
LPGHLLNPNNFK	X	X	X	X	X	X
LPGHLLNPNNFKK	X	X				X
LTPEDSPALTPSPFR	X	X	X	X	X	X
MDGDVIIIGALFSVHHQPPAEK	X	X	X	X	X	X
MHVGDGKLPCR				X	X	
MYIIIAKPER	X	X	X	X	X	X
NPWFPEFWQHR	X	X	X	X	X	
<i>RQPEFSPSSQCPSAHVQL</i>		X	X	X		
RGPPVATTPLPPHLSAEETPLFLADSVIPK	X	X	X	X	X	
<i>QPEFSPSSQCPSAHVQL</i>			X	X	X	X
SAFTTSDVVR	X		X	X	X	X
SFDDYFLK	X	X		X		
SLYPPPPPPQHLQMLPLQLSTFR			X			X
SNTFLNIFR	X	X		X		
SSFVGVSGEEVWFDEK	X	X	X	X	X	X
SSFVGVSGEEVWFDEKGDAPGR	X	X	X	X	X	X

SLMDQLQGVTNFGSGIPDFHAVLAGPGTPGNGLR			X	X	X	
SVSWSEPGGR	X					
TLYNVEEEDNTPSTHFSPSPSMVVHR				X	X	
TNETACNQTAVIKPLTK	X	X	X	X	X	X
VEAMFHTLDK	X	X	X	X	X	X
VVVCFCGMTVR	X	X	X	X	X	X
YDIMNLQYTEANR	X	X	X	X	X	X
YDYVHVGTWHEGVLNIDDYK	X	X	X	X		X