

			<u>β4</u>	<u>β5</u>	<u>β5'</u>	<u>β6</u>
GABA_α1	119	SK	WTP	TF	FFHNGKKSVAH	NMTMPNKLLRITEDGTLLYT
GABA_α2	119	SK	WTP	TF	FFHNGKKSVAH	NMTMPNKLLRIQDDGTLLYT
GABA_α3	144	SK	WTP	TF	FFHNGKKSVAH	NMTTPNKLLRLVDNGTLLYT
GABA_α4	125	TK	WTP	TF	FRNGKKS	SVSHNMTAPNKLFRIMRNGTILYT
GABA_α5	126	SK	WTP	TF	FFHNGKKSIAH	NMTTPNKLLRLEDDGTLLYT
GABA_α6	109	SK	WTP	TF	FRNGKKSIAH	NMTTPNKLFRIMQNGTILYT
GABA_β1	114	DQ	WVP	TY	FLNDKKS	FFVHGVTVKNRMIRLHPDGTVLYG
GABA_β2	113	DQ	WVP	TY	FLNDKKS	FFVHGVTVKNRMIRLHPDGTVLYG
GABA_β3	114	DQ	WVP	TY	FLNDKKS	FFVHGVTVKNRMIRLHPDGTVLYG
GABA_γ1	141	GK	WIP	TF	FRNSRKS	DAHWITTPNRLRIWNDGRVLYT
GABA_γ2	143	GK	WIP	TF	FRNSKKA	DAHWITTPNRLRIWNDGRVLYT
GABA_γ3	124	GL	WIP	TF	FRNSKTA	EAHWITTPNQLRIWNDGKILYT
GABA_δ	117	DK	WLP	TF	IVNAKSA	WFHDVTVENKIRLQPDGVILYS
GABA_ε	148	SQ	WIP	TF	FRNSKR	THEHEITMPNQMVRIYKDGKVLTY
GABA_θ	136	EK	WVP	CY	FLNSKDA	FVHDVTVENRVFQLHPDGTVRYG
GABA_π	113	EF	WVP	TY	IVESKKS	SFLHEVTVGNRILRLFSNGTVLYA
GABA_ρ1	151	KK	WVP	MF	FVHSKRS	FIHDTTDDNVMLRVQPDGKVLYS
GABA_ρ2	131	KK	WVP	MF	FVHSKRS	FTHDTTDDNIMLRVFPDGHVLYS
GABA_ρ3	137	RK	WVP	MF	FVHSKRS	FIHDTTMENIMLRVHPDGNVLLS
GlyR_α1	119	DS	WKP	LF	FANEKGA	HFHEITTDNKLLRISRNGNVLYS
GlyR_α2	125	DS	WKP	LF	FANEKGA	NFHDTVTDNKLLRISKNGKVLYS
GlyR_α3	124	DS	WKP	LF	FANEKGA	NFHEVTTDNKLLRIFKNGNVLYS
GlyR_β	136	KC	WKP	LF	FANEKSA	NFHDTVQENILLFIFRDGDVLVS
5HT3A	113	DS	WVP	IL	INEFVDV	GKSPNIPY-VYIRH--QGEVQNY
5HT3B	111	SA	WAP	II	INEFVDI	ERYPDLPY-VYVNS--SGTIENY
5HT3C	118	EN	WLP	IF	IVESMDV	DQTPSGLT-AYISS--EGRIKYD
5HT3D	115	EN	WLS	VF	IEES--	VDQTPAGLM-ASMS-----
5HT3E	118	KN	WLP	IF	IELMDV	DKTPKGLT-AYVSN--EGRIRYK
ACHA_α1	128	EK	WRP	LV	LYNNADG	DFAIVKFTKVLLQY--TGHITWT
ACHA_α2	138	EM	WRP	IV	LYNNADG	EFAVTHMTKAHLFS--TGTVHWV
ACHA_α3	114	QK	WKP	IV	LYNNAVG	DFQVDDKTKALLKY--TGEVTWI
ACHA_α4	116	EL	WRP	IV	LYNNADG	FAVTHLTKAHLFH--DGRVQWT
ACHA5_α5	126	DS	WTP	IV	LFDNADG	RFEGETSTKTVIRY--NGTVTWT
ACHA_α6	113	DK	WKP	IV	LYNNAVG	DFQVEGKTKALLKY--NGMITWT
ACHA_α7	105	GQ	WKP	IL	LYNSAD	ERFDATFHTNVLVNS--SGHCQYL
ACHA_α9	110	DL	WRP	IV	LYNKAD	DESSEPVNTNVVLR--DGLITWD
ACHA_α10	109	SL	WRP	IV	LYNKAD	AQPPGSASTNVVLRH--DGAVRWD
ACHB_β1	106	ES	WLP	VV	LLNNNDG	NFDVALDISVVVSS--DGSVRWQ
ACHB_β2	110	KH	WLP	VV	LYNNADG	MYEVSFYSSNAVVS--DGSIFWL
ACHB_β3	108	ES	WLP	IV	LFENADG	RFEGLMTKVIVKS--NGTVVWT
ACHB_β4	108	KR	WLP	IV	LYNNADG	TYEVSVYTNLIVRS--NGSVLWL
ACHG_γ	105	TM	WRP	IV	LENNVDG	VFEVALYCNVLVSP--DGCYIWL
ACHD_δ	106	DM	WLP	IV	LENNNDG	SFQISYSCNVLVYH-YGFVYWL

Figure 4-figure supplement 1