No Effects of ESP variants on the expression properties of α1β3γ2 GABA$_A$ receptors

Gene	Variant	Surface			Total		
		α	β	γ	α	β	γ
GABRA1	α1D9E	1.09 ± 0.11 (3)	0.98 ± 0.09 (3)	1.12 ± 0.03 (3)	0.82 ± 0.07 (3)	0.74 ± 0.11 (3)	1.14 ± 0.09 (3)
	α1P29S	0.64 ± 0.10 (3)	0.87 ± 0.08 (3)	0.99 ± 0.25 (3)	0.36 ± 0.02 (3)	0.51 ± 0.12 (3)	0.91 ± 0.33 (3)
	α1H129Y	0.90 ± 0.31 (3)	0.90 ± 0.18 (3)	1.15 ± 0.23 (3)	0.89 ± 0.03 (3)	0.64 ± 0.15 (3)	0.82 ± 0.20 (3)
	α1R147W	1.08 ± 0.20 (3)	1.05 ± 0.15 (3)	1.26 ± 0.27 (3)	0.85 ± 0.07 (3)	0.65 ± 0.15 (3)	0.89 ± 0.29 (3)
	α1T371I	1.0 ± 0.17 (3)	0.91 ± 0.14 (3)	0.97 ± 0.12 (3)	0.76 ± 0.05 (3)	0.54 ± 0.08 (3)	0.80 ± 0.14 (3)
	α1D383N	1.20 ± 0.22 (3)	0.76 ± 0.04 (3)	1.21 ± 0.15 (3)	1.04 ± 0.11 (3)	0.73 ± 0.05 (3)	1.16 ± 0.37 (3)
	α1P409S	1.05 ± 0.18 (3)	1.34 ± 0.42 (3)	1.11 ± 0.17 (3)	1.16 ± 0.31 (3)	1.11 ± 0.46 (3)	0.95 ± 0.32 (3)
	α1K410R	1.10 ± 0.19 (3)	0.96 ± 0.13 (3)	1.18 ± 0.19 (3)	1.14 ± 0.23 (3)	0.69 ± 0.10 (3)	0.88 ± 0.21 (3)
	α1T441M	1.08 ± 0.17 (3)	0.88 ± 0.18 (3)	1.15 ± 0.39 (3)	1.24± 0.55 (3)	0.91 ± 0.20 (3)	0.96 ± 0.30 (3)
GABRB3	β3R194Q	0.96 ± 0.05 (4)	0.77 ± 0.09 (4)	1.04 ± 0.14 (4)	0.94 ± 0.12 (4)	0.40 ± 0.12 (3)	0.71 ± 0.23 (4)
	β3D197N	1.04 ± 0.52 (3)	1.06 ± 0.21 (3)	1.15 ± 0.11 (3)	0.78 ± 0.03 (3)	0.42 ± 0.22 (3)	0.61 ± 0.19 (3)

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	β3V200I	0.88 ± 0.09 (4)	0.93 ± 0.15 (3)	1.07 ± 0.20 (3)	0.89 ± 0.14 (3)	0.81 ± 0.35 (3)	1.14 ± 0.49 (4)
	β3R221K	1.54 ± 0.48 (4)	0.97 ± 0.11 (3)	0.78 ± 0.16 (3)	0.76 ± 0.07 (3)	0.74 ± 0.28 (3)	1.11 ± 0.50(4)
	β3R238W	1.13 ± 0.21 (4)	0.65 ± 0.33 (5)	0.85 ± 0.23 (4)	1.06 ± 0.35 (4)	0.41 ± 0.32 (3)	1.07 ± 0.69 (4)
	β3D387N	0.86 ± 0.05 (4)	1.09 ± 0.24 (4)	1.10 ± 0.07 (4)	0.78 ± 0.16 (4)	1.56 ± 1.15 (3)	1.22 ± 0.34(4)
	β3I448V	1.11 ± 0.11 (4)	1.54 ± 0.16 (4)	0.99 ± 0.17 (4)	0.71 ± 0.07 (4)	2.29 ± 1.13 (3)	1.36 ± 0.52 (4)
GABRG2	γ2L57F	1.29 ± 0.04 (4)	1.52 ± 0.29 (4)	1.04 ± 0.13 (4)	1.06 ± 0.08 (4)	0.92 ± 0.29 (3)	1.47 ± 0.46 (3)
	γ2A402T	1.11 ± 0.13 (4)	1.40 ± 0.30 (4)	1.13 ± 0.15 (4)	1.10 ± 0.07 (4)	1.47 ± 0.44 (3)	1.76 ± 0.36 (3)

Values are expressed as mean ± S.E.M of *n* = 3-5, with differences among means not statistically significant ($p > 0.05$, one-way ANOVA with Dunnett's multiple comparisons test). ESP = Exome Sequencing Project.