Distribution of missense *GABR* variants by GABA$_A$ receptor structural domains and GABA-evoked currents		
	NT/TM	SP/CL
Reduced current	W280R R293W A303T H129Y T441M V200I I448V L57F V204I Q237R P29S R194Q R221K R238W	R354C H372P P409S D387N
No effect	R147W P453L D197N	T20I A19T S402A H421Q S16R S414N D9E T371I D383N K410R A402T

Data analyzed	NT-TM	SP-CL	Total
I effect	14	4	18
no-effect	3	11	14
Total	17	15	32
Fisher's exact test			
P value	0.0036		
P value summary	**		
One- or two-tailed	Two-tailed		
Statistically significant? (alpha<0.05)	Yes		

NT = N-terminal. TM = transmembrane. SP = signal peptide. CL = M3/M4 cytoplasmic loop.