

S5 TABLE

Distribution of missense <i>GABR</i> variants by GABA _A receptor structural domains and receptor gating			
	NT/TM	SP/CL	
Gating defect	W280R R293W A303T T441M V204I Q237R R194Q R221K R238W R147W P453L D197N	T20I R354C D387N	
No effect	H129Y V200I I448V P29S L57F	H372P P409S A19T S402A H421Q S16R S414N D9E T371I D383N K410R A402T	
Data analyzed	NT-TM	SP-CL	Total
Gating effect	12	3	15
no-effect	5	12	17
Total	17	15	32
Fisher's exact test			
P value	0.0060		
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.