

Class	Protein	Uniprot	G-protein	Mutation	BW#	Activity Change	Disease Association	Reference
A-alpha	<b>CB1</b>	P21554	Gi/Go, Gs	T210A	<b>3.46</b>	Inactive	None	[60]
				T210I	<b>3.46</b>	Highly constitutively active	None	[60]
				L207A	<b>3.43</b>	Highly constitutively active	None	[61]
A-beta	<b>V2R</b>	P30518	Gs	R137C <sup>a</sup>	<b>3.50</b>	Constitutively active	NSIAD	[62]
				R137L <sup>a</sup>	<b>3.50</b>	Constitutively active	NSIAD	[62]
A-gamma	<b>CCR5</b>	P51681	Gi/Go	R126N	<b>3.50</b>	Disables G-protein coupling	None	[63]
A-delta	<b>FSHR</b>	P23945	Gs	R573C <sup>a</sup>	<b>6.36</b>	Reduces AC stimulation	Ovarian dysgenesis 1	[64]
B	<b>PTH1R</b>	Q03431	Gs, Gq/G11	T410P <sup>a</sup>	<b>6.37</b>	Constitutively active	JMC	[65]
				T410R <sup>a</sup>	<b>6.37</b>	Active (less than T410P)	JMC	[66]
				H223R <sup>a</sup>	<b>2.43</b>	Constitutively active	JMC	[65]
C	<b>CASR</b>	P41180	Gi/Go, Gq/G11, G12/G13	F788C <sup>a</sup>	<b>5.55</b>	More active than wild type	Hypocalcemia	[67]
				F806S <sup>a</sup>	<b>6.36</b>	No significant activating effect	Hypocalcemia	[68, 69]
				F788L <sup>a</sup>	<b>5.55</b>	More active than wild type	Hypocalcemia	[70]
F	<b>FZD4</b>	Q9ULV1	G12/G13	K436T <sup>a</sup>	<b>6.36</b>	Not known	Colorectal cancer	[71]
<b>Predictions</b>								
A-alpha	<b>DRD5</b>	P21918	Gs	T297P <sup>a</sup>	<b>6.36</b>	Not known	Prediction	
Adhesion	<b>GPR56</b>	Q9Y653	Gq/G11, G12/G13	M493T <sup>a</sup>	<b>3.43</b>	Not known	Prediction	

<sup>a</sup> Natural variant.