

Table S1: Human $G\alpha$ Classes, Subclasses, and Isoforms

Class	Subclass	Isoform	Gene	UniProt Accession	Included in Analysis
G(io)	G(i)	$G\alpha_{i1}$	GNAI1	P63096	Yes
		$G\alpha_{i2}$	GNAI2	P04899	Yes
		$G\alpha_{i3}$	GNAI3	P08754	Yes
	G(o)	$G\alpha_{o1}$	GNAO1	P09471	Yes
		$G\alpha_{o2}$	GNAO1	P09471-2	Yes
	G(t)	$G\alpha_{t1}$	GNAT1	P11488	Yes
		$G\alpha_{t2}$	GNAT2	P19087	Yes
		$G\alpha_{t3}$	GNAT3	A8MTJ3	No
	G(z)	$G\alpha_z$	GNAZ	P19086	No
	G(q)	$G\alpha_q$	GNAQ	P50148	Yes
$G\alpha_{11}$		GNA11	P29992	Yes	
$G\alpha_{14}$		GNA14	O95837	Yes	
$G\alpha_{15}$		GNA15	P30679	No	
G(s)	$G\alpha_s$	GNAS	P63092	Yes	
	$G\alpha_{olf}$	GNAL	P38405	Yes	
G(12)	$G\alpha_{12}$	GNA12	Q03113	Yes	
	$G\alpha_{13}$	GNA13	Q14344	Yes	