

Boutique Library
Human Heterotrimeric G protein alpha subunits

Entrez Gene ID	Symbol	Organism	other IDs	Name	shRNAmir
2767	GNA11, GNAQ	Homo sapiens		guanine nucleotide binding protein (G protein), alpha 11 (Gq class) guanine nucleotide binding protein (G protein)	1
2768	GNA12	Homo sapiens		guanine nucleotide binding protein (G protein) alpha 12	7
2769	GNA15	Homo sapiens		guanine nucleotide binding protein (G protein), alpha 15 (Gq class)	1
2770	GNAI1	Homo sapiens		Guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 1	3
2771	GNAI2	Homo sapiens		guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2	1
2773	GNAI3	Homo sapiens		Guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3	3
2774	GNAL	Homo sapiens		Guanine nucleotide binding protein (G protein), alpha activating activity polypeptide, olfactory type	2
2775	GNAO1, Gnao1, Gnao	Homo sapiens		guanine nucleotide binding protein (G protein), alpha activating activity polypeptide O guanine nucleotide binding	2
2776	GNAQ	Homo sapiens		guanine nucleotide binding protein (G protein), q polypeptide	3
2778	GNAS	Homo sapiens		GNAS complex locus	8
2779	GNAT1	Homo sapiens		guanine nucleotide binding protein (G protein), alpha transducing activity polypeptide 1	2
2780	GNAT2	Homo sapiens		Guanine nucleotide binding protein (G protein), alpha transducing activity polypeptide 2	3
2781	GNAZ	Homo sapiens		Guanine nucleotide binding protein (G protein), alpha z polypeptide	2
2782	GNB1	Homo sapiens		guanine nucleotide binding protein (G protein), beta polypeptide 1	3
2783	GNB2	Homo sapiens		guanine nucleotide binding protein (G protein), beta polypeptide 2	4
2784	GNB3	Homo sapiens		Guanine nucleotide binding protein (G protein), beta polypeptide 3	2
2785	GNG3	Homo sapiens		Guanine nucleotide binding protein (G protein), gamma 3	2
2786	GNG4	Homo sapiens		guanine nucleotide binding protein (G protein), gamma 4	8
2787	GNG5	Homo sapiens		Guanine nucleotide binding protein (G protein), gamma 5	2
2788	GNG7	Homo sapiens		Guanine nucleotide binding protein (G protein), gamma 7	2
2790	GNG10	Homo sapiens		Guanine nucleotide binding protein (G protein), gamma 10	3
2791	GNG11	Homo sapiens		Guanine nucleotide binding protein (G protein), gamma 11	2
2792	GNGT1	Homo sapiens		Guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 1	2
2793	GNGT2	Homo sapiens		guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 2	1
9630	GNA14	Homo sapiens		guanine nucleotide binding protein (G protein), alpha 14	9
10399	GNB2L1	Homo sapiens		guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1	2
10672	GNA13	Homo sapiens		guanine nucleotide binding protein (G protein), alpha 13	3
10681	GNB5	Homo sapiens		Guanine nucleotide binding protein (G protein), beta 5	2
54331	GNG2	Homo sapiens		Guanine nucleotide binding protein (G protein), gamma 2	2
55970	GNG12	Homo sapiens		guanine nucleotide binding protein (G protein), gamma 12	4
59345	GNB4	Homo sapiens		Guanine nucleotide binding protein (G protein), beta polypeptide 4	3
346562	GNAT3	Homo sapiens		guanine nucleotide binding protein, alpha transducing 3	1

95

Genes not represented

51764	GNG13	Homo sapiens		guanine nucleotide binding protein (G protein), gamma 13
94235	GNG8 (GNG9) (GNGT9)	Homo sapiens		guanine nucleotide binding protein (G protein), gamma 8

Statistics:

34	Genes identified:
32	Genes represented in set:
2.00	Median shRNAmir per gene:
2.97	Mean shRNAmir per gene:
1	Min shRNAmir per gene:
9	Max shRNAmir per gene:
95	Total number of shRNAmir: