

Boutique Library
Human Phosphoinositide Metabolism

Entrez Gene ID	Symbol	Organism	other IDs	Name	shRNAmir
23396	PIP(5)Kgamma	Homo sapiens		phosphatidylinositol-4-phosphate 5-kinase, type I, gamma;PIP5K1C	2
5287	PI(3)K-C2beta	Homo sapiens		phosphoinositide-3-kinase, class 2, beta polypeptide;PIK3C2B	3
5294	P110gamma	Homo sapiens		phosphoinositide-3-kinase, catalytic, gamma polypeptide;PIK3CG	2
8396	PI(4)K-IIbeta	Homo sapiens		phosphatidylinositol-4-phosphate 5-kinase, type II, beta;PIP5K2B	3
5286	PI(3)K-C2alpha	Homo sapiens		phosphoinositide-3-kinase, class 2, alpha polypeptide;PIK3C2A	8
5289	Vps34	Homo sapiens		phosphoinositide-3-kinase, class 3;PIK3C3	6
5290	P110alpha	Homo sapiens		phosphoinositide-3-kinase, catalytic, alpha polypeptide;PIK3CA	6
5291	P110beta	Homo sapiens		phosphoinositide-3-kinase, catalytic, beta polypeptide;PIK3CB	5
5293	P110delta	Homo sapiens		phosphoinositide-3-kinase, catalytic, delta polypeptide;PIK3CD	8
5298	PI(4)K-IIIbeta	Homo sapiens		phosphatidylinositol 4-kinase, catalytic, beta polypeptide;PIK4CB	2
5305	PI(4)K-IIIalpha	Homo sapiens		phosphatidylinositol-4-phosphate 5-kinase, type II, alpha;PIP5K2A	5
8395	PIP(5)Kbeta	Homo sapiens		phosphatidylinositol-4-phosphate 5-kinase, type I, beta;PIP5K1B	7
3631	4-phosphatase Type I	Homo sapiens		inositol polyphosphate-4-phosphatase, type I, 107kDa;INPP4A	6
3635	SHIP1	Homo sapiens		inositol polyphosphate-5-phosphatase, 145kDa;INPP5D	3
9107	MTMR6	Homo sapiens		myotubularin related protein 6;MTMR6	3
6305	MTMR5	Homo sapiens		SET binding factor 1;SBF1	2
5728	PTEN1	Homo sapiens		phosphatase and tensin homolog (mutated in multiple advanced cancers 1);PTEN	5
22908	Sac1	Homo sapiens		SAC1 suppressor of actin mutations 1-like (yeast);SACM1L	4
7179	PTEN2	Homo sapiens		transmembrane phosphatase with tensin homology;TPTE	4
3633	5-phosphatase II	Homo sapiens		inositol polyphosphate-5-phosphatase, 75kDa;INPP5B	2
8898	MTMR2	Homo sapiens		myotubularin related protein 2;MTMR2	3
8897	MTMR3	Homo sapiens		myotubularin related protein 3;MTMR3	13
8867	Synaptojanin1	Homo sapiens		synaptojanin 1;SYNJ1	4
9896	Sac3	Homo sapiens		KIAA0274;KIAA0274	3
9110	MTMR4	Homo sapiens		myotubularin related protein 4;MTMR4	6
22876	Sac2	Homo sapiens		inositol polyphosphate-5-phosphatase F;INPP5F	6
3636	SHIP2	Homo sapiens		inositol polyphosphate phosphatase-like 1;INPPL1	4
4952	OCRL	Homo sapiens		oculocerebrorenal syndrome of Lowe;OCRL	7
55613	MTMR8	Homo sapiens		myotubularin related protein 8;MTMR8	5
56623	5-phosphatase IV	Homo sapiens		inositol polyphosphate-5-phosphatase, 72 kDa;INPP5E	2
8821	4-phosphatase Type II	Homo sapiens		inositol polyphosphate-4-phosphatase, type II, 105kDa;INPP4B	3
8871	Synaptojanin2	Homo sapiens		synaptojanin 2;SYNJ2	4
66036	MTMR9	Homo sapiens		myotubularin related protein 9;MTMR9	4
54545	MTMR12	Homo sapiens		myotubularin related protein 12;MTMR12	1
54893	MTMR10	Homo sapiens		myotubularin related protein 10;MTMR10	2
81846	MTMR13	Homo sapiens		SET binding factor 2;SBF2	4
22909	MTMR15	Homo sapiens		myotubularin related protein 15;MTMR15	2
3632	INPP5A	Homo sapiens		inositol polyphosphate-5-phosphatase, 40kDa;INPP5A	5
					164

Genes not represented

8394	PIP(5)Kalpha	Homo sapiens		phosphatidylinositol-4-phosphate 5-kinase, type I, alpha;PIP5K1A	
51763	SKIP	Homo sapiens		skeletal muscle and kidney enriched inositol phosphatase;unassigned	
9108	MTMR7	Homo sapiens		myotubularin related protein 7;MTMR7	
10903	MTMR11	Homo sapiens		myotubularin related protein 11;MTMR11	

Statistics:

42	Genes identified:
38	Genes represented in set:
4.00	Median shRNAmir per gene:
3.90	Mean shRNAmir per gene:
2.00	Mode shRNAmir per gene:
1	Min shRNAmir per gene:
13	Max shRNAmir per gene:
164	Total number of shRNAmir: