

Entrez Gene ID	Symbol	Organism	other IDs	Name	shRNAmir
29	ABR	Homo sapiens		ABR active BCR-related gene [Homo sapiens]	2
613	BCR	Homo sapiens		BCR breakpoint cluster region [Homo sapiens]	9
1793	DOCK1	Homo sapiens		DOCK1 dedicator of cytokinesis 1 [Homo sapiens]	1
1794	DOCK2	Homo sapiens		DOCK2 dedicator of cytokinesis 2 [Homo sapiens]	2
1894	ECT2	Homo sapiens		ECT2 epithelial cell transforming sequence 2 oncogene [Homo sapiens]	2
2245	FGD1	Homo sapiens		FGD1 FYVE, RhoGEF and PH domain containing 1 [Homo sapiens]	2
4168	MCF2	Homo sapiens		MCF2 MCF.2 cell line derived transforming sequence [Homo sapiens]	3
5923	RASGRF1	Homo sapiens		RASGRF1 Ras protein-specific guanine nucleotide-releasing factor 1 [Homo sapiens]	3
5924	RASGRF2	Homo sapiens		RASGRF2 Ras protein-specific guanine nucleotide-releasing factor 2 [Homo sapiens]	3
6453	ITSN1	Homo sapiens		ITSN1 intersectin 1 (SH3 domain protein) [Homo sapiens]	2
6654	SOS1	Homo sapiens		SOS1 son of sevenless homolog 1 (Drosophila) [Homo sapiens]	9
6655	SOS2	Homo sapiens		SOS2 son of sevenless homolog 2 (Drosophila) [Homo sapiens]	8
7074	TIAM1	Homo sapiens		TIAM1 T-cell lymphoma invasion and metastasis 1 [Homo sapiens]	8
7204	TRIO	Homo sapiens		TRIO triple functional domain (PTPRF interacting) [Homo sapiens]	3
7409	VAV1	Homo sapiens		VAV1 vav 1 guanine nucleotide exchange factor [Homo sapiens]	3
7410	VAV2	Homo sapiens		VAV2 vav 2 guanine nucleotide exchange factor [Homo sapiens]	4
7984	ARHGEF5	Homo sapiens		ARHGEF5 Rho guanine nucleotide exchange factor (GEF) 5 [Homo sapiens]	0
8874	ARHGEF7	Homo sapiens		ARHGEF7 Rho guanine nucleotide exchange factor (GEF) 7 [Homo sapiens]	3
8997	KALRN	Homo sapiens		KALRN kalirin, RhoGEF kinase [Homo sapiens]	8
9138	ARHGEF1	Homo sapiens		ARHGEF1 Rho guanine nucleotide exchange factor (GEF) 1 [Homo sapiens]	1
9181	ARHGEF2	Homo sapiens		ARHGEF2 Rho/Rac guanine nucleotide exchange factor (GEF) 2 [Homo sapiens]	1
9459	ARHGEF6	Homo sapiens		ARHGEF6 Rac/Cdc42 guanine nucleotide exchange factor (GEF) 6 [Homo sapiens]	2
9639	ARHGEF10	Homo sapiens		ARHGEF10 Rho guanine nucleotide exchange factor (GEF) 10 [Homo sapiens]	2
9732	DOCK4	Homo sapiens		DOCK4 dedicator of cytokinesis 4 [Homo sapiens]	6
9826	ARHGEF11	Homo sapiens		ARHGEF11 Rho guanine nucleotide exchange factor (GEF) 11 [Homo sapiens]	3
9828	ARHGEF17	Homo sapiens		ARHGEF17 Rho guanine nucleotide exchange factor (GEF) 17 [Homo sapiens]	3
9855	FARP2	Homo sapiens		FARP2 FERM, RhoGEF and pleckstrin domain protein 2 [Homo sapiens]	2
10160	FARP1	Homo sapiens		FARP1 FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1 (chondrocyte-derived) [Homo sapiens]	0
10276	NET1	Homo sapiens		NET1 neuroepithelial cell transforming 1 [Homo sapiens]	1
10451	VAV3	Homo sapiens		VAV3 vav 3 guanine nucleotide exchange factor [Homo sapiens]	2
11214	AKAP13	Homo sapiens		AKAP13 A kinase (PKA) anchor protein 13 [Homo sapiens]	4
22899	ARHGEF15	Homo sapiens		ARHGEF15 Rho guanine nucleotide exchange factor (GEF) 15 [Homo sapiens]	2
23002	DAAM1	Homo sapiens		DAAM1 dishevelled associated activator of morphogenesis 1 [Homo sapiens]	4
23101	MCF2L2	Homo sapiens		MCF2L2 MCF.2 cell line derived transforming sequence-like 2 [Homo sapiens]	3
23229	ARHGEF9	Homo sapiens		ARHGEF9 Cdc42 guanine nucleotide exchange factor (GEF) 9 [Homo sapiens]	7
23263	MCF2L	Homo sapiens		MCF2L MCF.2 cell line derived transforming sequence-like [Homo sapiens]	0
23268	DNMBP	Homo sapiens		DNMBP dynamin binding protein [Homo sapiens]	5
23348	DOCK9	Homo sapiens		DOCK9 dedicator of cytokinesis 9 [Homo sapiens]	2
23365	ARHGEF12	Homo sapiens		ARHGEF12 Rho guanine nucleotide exchange factor (GEF) 12 [Homo sapiens]	3
23370	ARHGEF18	Homo sapiens		ARHGEF18 Rho/Rac guanine nucleotide exchange factor (GEF) 18 [Homo sapiens]	3
25791	NGEF	Homo sapiens		NGEF neuronal guanine nucleotide exchange factor [Homo sapiens] (Ephexin)	7
25894	PLEKHG4	Homo sapiens		PLEKHG4 pleckstrin homology domain containing, family G (with RhoGef domain) member 4 [Homo sapiens]	4
26030	PLEKHG3	Homo sapiens		PLEKHG3 pleckstrin homology domain containing, family G (with RhoGef domain) member 3 [Homo sapiens]	6
26084	SGEF	Homo sapiens		SGEF Src homology 3 domain-containing guanine nucleotide exchange factor [Homo sapiens]	3
26230	TIAM2	Homo sapiens		TIAM2 T-cell lymphoma invasion and metastasis 2 [Homo sapiens]	0
27237	ARHGEF16	Homo sapiens		ARHGEF16 Rho guanine exchange factor (GEF) 16	5
50618	ITSN2	Homo sapiens		ITSN2 intersectin 2 [Homo sapiens]	4
50619	DEF6	Homo sapiens		DEF6 differentially expressed in FDCP 6 homolog (mouse) [Homo sapiens]	0
50649	ARHGEF4	Homo sapiens		ARHGEF4 Rho guanine nucleotide exchange factor (GEF) 4 [Homo sapiens]	5
50650	ARHGEF3	Homo sapiens		ARHGEF3 Rho guanine nucleotide exchange factor (GEF) 3 [Homo sapiens]	4
54848	FLJ20184	Homo sapiens		FLJ20184 hypothetical protein FLJ20184 [Homo sapiens]	3
55160	ARHGEF10L	Homo sapiens		ARHGEF10L Rho guanine nucleotide exchange factor (GEF) 10-like [Homo sapiens]	0
55200	PLEKHG5	Homo sapiens		PLEKHG5 pleckstrin homology domain containing, family G (with RhoGef domain) member 5 [Homo sapiens]	4
55619	DOCK10	Homo sapiens		DOCK10 dedicator of cytokinesis 10 [Homo sapiens]	5
55701	FLJ10357	Homo sapiens		FLJ10357 hypothetical protein FLJ10357 [Homo sapiens]	0
57449	PLEKHG5	Homo sapiens		PLEKHG5 pleckstrin homology domain containing, family G (with RhoGef domain) member 5 [Homo sapiens]	6
57572	DOCK6	Homo sapiens		DOCK6 dedicator of cytokinesis 6 [Homo sapiens]	1
57580	PREX1	Homo sapiens		PREX1 phosphatidylinositol-3,4,5-trisphosphate-dependent Rac exchange factor 1 [Homo sapiens]	6
57679	ALS2	Homo sapiens		ALS2 amyotrophic lateral sclerosis 2 (juvenile) [Homo sapiens]	2
64283	RGNEF	Homo sapiens		RGNEF Rho-guanine nucleotide exchange factor [Homo sapiens]	6
64857	PLEKHG2	Homo sapiens		PLEKHG2 pleckstrin homology domain containing, family G (with RhoGef domain) member 2 [Homo sapiens]	6
80005	DOCK5	Homo sapiens		DOCK5 dedicator of cytokinesis 5 [Homo sapiens]	6
80243	PREX2	Homo sapiens		PREX2 phosphatidylinositol-3,4,5-trisphosphate-dependent Rac exchange factor 2 [Homo sapiens]	3
81704	DOCK8	Homo sapiens		DOCK8 dedicator of cytokinesis 8 [Homo sapiens]	2
84033	OBSCN	Homo sapiens		OBSCN obscurin, cytoskeletal calmodulin and titin-interacting RhoGEF [Homo sapiens]	12
84904	C9orf100	Homo sapiens		C9orf100 chromosome 9 open reading frame 100 [Homo sapiens]	5
85440	DOCK7	Homo sapiens		DOCK7 dedicator of cytokinesis 7 [Homo sapiens]	2
89846	FGD3	Homo sapiens		FGD3 FYVE, RhoGEF and PH domain containing 3 [Homo sapiens]	3
115557	GEFT	Homo sapiens		GEFT RhoA/RAC/CDC42 exchange factor [Homo sapiens]	1
121512	FGD4	Homo sapiens		FGD4 FYVE, RhoGEF and PH domain containing 4 [Homo sapiens]	2
128272	ARHGEF19	Homo sapiens		ARHGEF19 Rho guanine nucleotide exchange factor (GEF) 19 [Homo sapiens]	3
152273	DOCK11	Homo sapiens	139818	DOCK11 dedicator of cytokinesis 11 [Homo sapiens]	4
152273	FGD5	Homo sapiens		FGD5 FYVE, RhoGEF and PH domain containing 5 [Homo sapiens]	2
153478	PLEKHG4B	Homo sapiens		PLEKHG4B pleckstrin homology domain containing, family G (with RhoGef domain) member 4B [Homo sapiens]	2
221178	SPATA13	Homo sapiens		SPATA13 spermatogenesis associated 13 [Homo sapiens]	3
221472	FGD2	Homo sapiens		FGD2 FYVE, RhoGEF and PH domain containing 2 [Homo sapiens]	3
389337	FLJ41603	Homo sapiens		FLJ41603 FLJ41603 protein [Homo sapiens]	1

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Genes not represented

7984	ARHGEF5	Homo sapiens
10160	FARP1	Homo sapiens
23263	MCF2L	Homo sapiens
26230	TIAM2	Homo sapiens
50619	DEF6	Homo sapiens
55160	ARHGEF10L	Homo sapiens
55701	FLJ10357	Homo sapiens

ARHGEF5 Rho guanine nucleotide exchange factor (GEF) 5 [Homo sapiens]
 FARP1 FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1 (chondrocyte-derived) [Homo sapiens]
 MCF2L MCF.2 cell line derived transforming sequence-like [Homo sapiens]
 TIAM2 T-cell lymphoma invasion and metastasis 2 [Homo sapiens]
 DEF6 differentially expressed in FDCP 6 homolog (mouse) [Homo sapiens]
 ARHGEF10L Rho guanine nucleotide exchange factor (GEF) 10-like [Homo sapiens]
 FLJ10357 hypothetical protein FLJ10357 [Homo sapiens]

Statistics:

77	Genes identified:
70	Genes represented in set:
3	Median shRNAmir per gene:
3.7	Mean shRNAmir per gene:
1	Min shRNAmir per gene:
13	Max shRNAmir per gene:
262	Total number of shRNAmir: