

A

Core Genes

Genes of Interest

TLR3

FOXP1
SALL1
COL14A1
HLA-B
ZNF143
SPATA13
SLC26A6
PRG4
SPAG5
GPX7
KAT6B
STAB2
PLTP
COL5A2
NTN3
KIAA0319L

Rank By: Distance

 Combine Values Into Common Table

 Separate Values By Given Core Gene

Rank Genes

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B

Core Gene	Target	Distance	Rank	P-Value(percentile)	BRP	Median Ratio	Average Ratio	Sphere	Route	Degrees Separation	Full Gene Name
TLR3	TICAM1	1.00402	1	7e-05	7e-05	0.06275	0.06029	0	TLR3[1.00402]TICAM1	1	toll-like receptor adaptor molecule 1
TLR3	NOD2	4.38672	119	0.00842	0.00545	0.27417	0.26342	1	TLR3[1.11111]RIPK1[1.08225]NOD2	2	nucleotide-binding oligomerization domain containing 2
TLR3	ERBB2	4.44444	126	0.00892	0.00892	0.27778	0.26688	1	TLR3[1.11111]IGKC[1.11111]ERBB2	2	v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian)
TLR3	TAOK1	4.579	161	0.01139	0.01139	0.28619	0.27496	2	TLR3[1.0395]MAP3K7[1.25]TAOK1	2	TAO kinase 1
TLR3	KAT2A	4.85678	186	0.01316	0.01316	0.30355	0.29164	2	TLR3[1.0395]MAP3K7[1.38889]KAT2A	2	K(lysine) acetyltransferase 2A
TLR3	SHC1	5.22262	202	0.01429	0.01429	0.32641	0.31361	2	TLR3[1.61031]PIK3R1[1.001]SHC1	2	SHC (Src homology 2 domain containing) transforming protein 1
TLR3	VDR	5.22664	218	0.01543	0.01543	0.32666	0.31385	2	TLR3[1.61031]SRC[1.00301]VDR	2	vitamin D (1,25-dihydroxyvitamin D3) receptor
TLR3	SIVA1	5.29962	331	0.02342	0.00835	0.33123	0.31824	2	TLR3[1.0395]MAP3K7[1.61031]SIVA1	2	SIVA1, apoptosis-inducing factor
TLR3	MAP2	5.38512	362	0.02562	0.02562	0.33657	0.32337	2	TLR3[1.61031]SRC[1.08225]MAP2	2	microtubule-associated protein 2
TLR3	OCA2	5.7	477	0.03376	0.00616	0.35625	0.34228	2	TLR3[1.6]TBK1[1.25]OCA2	2	oculocutaneous albinism II