

Gene Symbol	Gene Name	Valid or Invalid	Transcript Alignment Annotation	Gene's Alignment Annotation	Transcript Alignment Annotation	Gene's Alignment Annotation
Symbol	Name	Valid or Invalid	Transcript Alignment Annotation	Gene's Alignment Annotation	Transcript Alignment Annotation	Gene's Alignment Annotation
NR3-1	NR3 transcription factor related, tissue 1 (Chromophila)	No	4.49	0.74	larger?	3.28
UC00462	interleukin-like family 16, member 2	No	3.25	0.61	larger	0.71
CTH19-14	chromosome 11 open reading frame 14	No	1.17	0.87	larger	0.69
IRAG1	transmembrane and intracytoplasmic domain containing 1	No	0.93	0.34	larger	0.16
IRAG2A	family with sequence similarity 15, member 4	No	0.17	1.76	larger	0.01
IRAG2	factor related antibody 5, group H, member 4	No	4.76	0.27	larger	-0.10
IRAG22	retrovirus antigen family C, 2	No	4.49	0.10	larger	absent?
IR2	ELC transcription factor, (Chromobacterium)	No	0.40	0.37	smaller	0.01?
IRABCE1	IRAB1 complex, gene 1	No	2.07	2.35	small	0.03
IRABCE2	2 topological motifs/alpha-Comptex 4 (surface 2) (inchochloids)	No	0.46	0.72	small	0.13
IRAC1	beta domain containing 1	No	0.24	0.07	small	0.03
IRB2	2 topological motifs/alpha-Comptex 2	No	0.40	0.07	small	0.03
CT00148	dynin, axonemal, light chain 1	No	0.20	0.71	2.82	0.19
ISG3	disaggregin 2	No	0.17	1.26	2.56	0.44
UC00090	protein transmembrane and anti-PTM polypeptide antibodies	No	1.26	2.22	0.09	0.10
IRB1	isolet 6C	No	4.76	0.13	2.65	-0.41
IRAB12	transmembrane, class 14, member 2	No	1.24	0.34	2.09	1.28
UC00464	similar to protein transmembrane and anti-PTM polypeptide antibodies	No	1.47	absent	1.68	absent
IR1	KAP1 transmembrane fusion transmembrane	No	0.03	0.00	1.00	0.67
CA1242	calmodulin-related, calmodulin-binding, gamma subunit 2	No	0.46	1.00	0.68	0.16
UC00404	chromosome 9 open reading frame 204	No	0.27	1.77	1.41	0.29
UC00434	similar to beta finger protein 30 (beta finger protein 30) (HSP70)	No	0.88	1.03	1.38	0.11
IR12	transmembrane and intracytoplasmic repeat containing 3	No	0.39	1.78	1.28	0.71
IRAB17	transmembrane IRAB1, beta 16	No	4.46	0.76	1.22	0.45
IRAB171	IRAB171	No	1.39	0.17	1.19	0.04
AC10	apoptosis-related glycoprotein 10	No	2.35	1.46	1.05	1.63
IRAB193	beta cytochrome oxidase protein 3	No	0.39	1.26	1.01	0.69
UC021295	similar to intercalated associated with/intermediate kinase 2	No	1.04	absent	1.80	absent
UC021297	similar to intercalated associated with/intermediate kinase 2	No	0.18	1.20	0.03	1.47
IR144	anti-finger protein 140	No	0.46	0.13	0.23	0.22
ITP16	chromosome 17 open reading frame 16	No	4.14	0.37	0.03	0.38
UC00406	Cytoplasmic domain family 4, member 5	No	0.20	0.23	0.03	-0.27
UC020489	similar to KAI1 domain containing 1	No	1.36	0.17	0.90	0.06
IR1	early endosome antigen 1, 162 kD	Yes	0.09	1.04	0.08	-0.01
IRAB1	protein/ligand/alpha-actinin/intermediate filament/intermediate filament	No	0.46	1.43	0.66	-0.23
IR13	backbone IR repeat containing 3	No	0.38	0.44	0.06	0.39
IR13A	hypothetical protein UC020522	No	0.39	1.03	0.01	0.04
UC020522	hypothetical protein UC020522	No	0.39	1.03	0.01	0.04
IR13B	myosin IXa	No	0.30	1.47	0.46	0.03
IR13C	myosin IXa	No	0.30	1.47	0.46	0.03
IR13D	myosin IXa	No	0.30	1.47	0.46	0.03
IR13E	myosin IXa	No	0.30	1.47	0.46	0.03
IR13F	myosin IXa	No	0.30	1.47	0.46	0.03
IR13G	myosin IXa	No	0.30	1.47	0.46	0.03
IR13H	myosin IXa	No	0.30	1.47	0.46	0.03
IR13I	myosin IXa	No	0.30	1.47	0.46	0.03
IR13J	myosin IXa	No	0.30	1.47	0.46	0.03
IR13K	myosin IXa	No	0.30	1.47	0.46	0.03
IR13L	myosin IXa	No	0.30	1.47	0.46	0.03
IR13M	myosin IXa	No	0.30	1.47	0.46	0.03
IR13N	myosin IXa	No	0.30	1.47	0.46	0.03
IR13O	myosin IXa	No	0.30	1.47	0.46	0.03
IR13P	myosin IXa	No	0.30	1.47	0.46	0.03
IR13Q	myosin IXa	No	0.30	1.47	0.46	0.03
IR13R	myosin IXa	No	0.30	1.47	0.46	0.03
IR13S	myosin IXa	No	0.30	1.47	0.46	0.03
IR13T	myosin IXa	No	0.30	1.47	0.46	0.03
IR13U	myosin IXa	No	0.30	1.47	0.46	0.03
IR13V	myosin IXa	No	0.30	1.47	0.46	0.03
IR13W	myosin IXa	No	0.30	1.47	0.46	0.03
IR13X	myosin IXa	No	0.30	1.47	0.46	0.03
IR13Y	myosin IXa	No	0.30	1.47	0.46	0.03
IR13Z	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AA	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AB	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AC	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AD	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AE	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AF	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AG	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AH	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AI	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AJ	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AK	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AL	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AM	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AN	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AO	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AP	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AQ	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AR	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AS	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AT	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AU	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AV	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AW	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AX	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AY	myosin IXa	No	0.30	1.47	0.46	0.03
IR13AZ	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BA	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BB	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BC	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BD	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BE	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BF	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BG	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BH	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BI	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BJ	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BK	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BL	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BM	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BN	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BO	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BP	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BQ	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BR	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BS	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BT	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BU	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BV	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BW	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BX	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BY	myosin IXa	No	0.30	1.47	0.46	0.03
IR13BZ	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CA	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CB	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CC	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CD	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CE	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CF	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CG	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CH	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CI	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CJ	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CK	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CL	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CM	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CN	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CO	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CP	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CQ	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CR	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CS	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CT	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CU	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CV	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CW	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CX	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CY	myosin IXa	No	0.30	1.47	0.46	0.03
IR13CZ	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DA	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DB	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DC	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DD	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DE	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DF	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DG	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DH	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DI	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DJ	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DK	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DL	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DM	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DN	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DO	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DP	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DQ	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DR	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DS	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DT	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DU	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DV	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DW	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DX	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DY	myosin IXa	No	0.30	1.47	0.46	0.03
IR13DZ	myosin IXa	No	0.30	1.47	0.46	0.03
IR13EA	myosin IXa	No	0.30	1.47	0.46	0.03
IR13EB	myosin IXa	No	0.30	1.47	0.46	0.03
IR13EC	myosin IXa	No	0.30	1.47	0.46	0.03
IR13ED	myosin IXa	No	0.30	1.47	0.46	0.03
IR13EE	myosin IXa	No	0.30	1.47	0.46	0.03
IR13EF	myosin IXa	No	0.30	1.47	0.46	0.03
IR13EG	myosin IXa	No	0.30	1.47	0.46	0.03
IR13EH	myosin IXa	No	0.30	1.47	0.46	0.03
IR13EI	myosin IXa	No	0.30	1.47	0.46	0.03
IR13EJ	myosin IXa	No	0.30	1.47	0.46	0.03
IR13EK	myosin IXa	No	0.30	1.47	0.46	0.03
IR13EL	myosin IXa	No	0.30	1.47	0.46	0.03
IR13EM	myosin IXa	No	0.30	1.47	0.46	0.03
IR13EN	myosin IXa	No	0.30	1.47	0.46	0.03
IR13EO	myosin IXa	No	0.30	1.47	0.46	