

Target_gene ensembl gene ID	Description	gene symbol	Predicted miRNA that target the gene
ENSGMOG00000002288	solute carrier family 40 (iron-regulated transporter), member 1	slc40a1	gmo-mir-15b; gmo-mir-17;gmo-mir-20a;gmo-mir-130a;gmo-mir-130b;gmo-mir-137;gmo-mir-153a;gmo-mir-153b;gmo-mir-184a;gmo-mir-184b;gmo-mir-454; gmo-mir-8825;gmo-mir-11222;gmo-mir-11231;gmo-mir-11234;gmo-mir-11257; gmo-mir-11260
ENSGMOG00000011507	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 2	CTDSP2	gmo-mir-15b;gmo-mir-29b;gmo-mir-29c;gmo-mir-34;gmo-mir-124;gmo-mir-130a; gmo-mir-130b;gmo-mir-139;gmo-mir-200b;gmo-mir-429;gmo-mir-449a;gmo-mir-454;gmo-mir-11225;gmo-mir-11241;gmo-mir-11247;
ENSGMOG00000014791	dual specificity phosphatase 5	DUSP5	gmo-mir-29a;gmo-mir-16b;gmo-mir-26a;gmo-mir-26b;gmo-mir-103;gmo-mir-130a;gmo-mir-130b;gmo-mir-214;gmo-mir-456
ENSGMOG00000018201	MAP kinase interacting serine/threonine kinase 1	mknk1	gmo-mir-16a;gmo-let-7d;gmo-let-7j;gmo-mir-17;gmo-mir-20a;gmo-mir-20b; gmo-mir-29a;gmo-mir-93;gmo-mir-146;gmo-mir-181c;gmo-mir-216a;gmo-mir-430f;gmo-mir-551;gmo-mir-11272;gmo-mir-11257;gmo-mir-11279
ENSGMOG00000018943	APOBEC1 complementation factor	A1CF	gmo-let-7a;gmo-mir-146;gmo-mir-181b;gmo-mir-219;gmo-mir-222;gmo-mir-365; gmo-mir-11237;gmo-mir-11278
ENSGMOG00000019944	leucine rich repeat neuronal 3	LRRN3	gmo-mir-23b;gmo-mir-135c;gmo-mir-137;gmo-mir-146;gmo-mir-150;gmo-mir-737;gmo-mir-2187;gmo-mir-11230;gmo-mir-11237
ENSGMOG00000004785	cytochrome P450 2K1	cyp2k1	gmo-mir-15a;gmo-mir-125b;gmo-mir-137;gmo-mir-181a;gmo-mir-181b;gmo-mir-181c;gmo-mir-736;gmo-mir-737
ENSGMOG00000008451	calmodulin-like 4	CALML4	gmo-mir-18a;gmo-mir-181a;gmo-mir-181b;gmo-mir-181c;gmo-mir-203a; gmo-mir-203b;gmo-mir-363;gmo-mir-737;gmo-mir-11206;gmo-mir-11207
ENSGMOG00000008961	syntaxin 11	Stx11	gmo-mir-103;gmo-mir-181a;gmo-mir-181b;gmo-mir-181c;gmo-mir-11229; gmo-mir-11247;gmo-mir-11258
ENSGMOG00000013455	collagen, type I, alpha 2	col1a2	gmo-mir-30e;gmo-mir-19c;gmo-mir-25;gmo-mir-29c;gmo-mir-219;gmo-mir-363; gmo-mir-737;gmo-mir-11271
ENSGMOG00000013687	G-protein signaling modulator 2	Gpsm2	gmo-mir-19a
ENSGMOG00000019212	retinaldehyde binding protein 1	RLBP1	gmo-mir-19a;gmo-mir-19a;gmo-mir-11229;gmo-mir-11237
ENSGMOG00000011856	v-myb myeloblastosis viral oncogene homolog	MYB	gmo-mir-18a;gmo-mir-203a;gmo-mir-203b;gmo-mir-206;gmo-mir-734;gmo-mir-11257

ENSGMOG00000004069	chymotrypsin-like elastase family, member 2A	Cela2a	gmo-mir-1;gmo-mir-101a;gmo-mir-181b;gmo-mir-430f;gmo-mir-430g;gmo-mir-11189;gmo-mir-11199;gmo-mir-11244
ENSGMOG00000008610	retinal G protein coupled receptor	RGR	gmo-mir-9;gmo-mir-34;gmo-mir-152;gmo-mir-218a;gmo-mir-489;gmo-mir-725;gmo-mir-11222
ENSGMOG00000011657	phosphorylase kinase, gamma 1 (muscle)	PHKG1	gmo-mir-9;gmo-mir-210
ENSGMOG00000019723	insulin-like growth factor binding protein, acid labile subunit	Igfals	gmo-mir-9
ENSGMOG00000019586	Beta-crystallin A1	Cryba1	gmo-mir-9