

# Primers used in the miR34a asRNA study

Primer type	Name	Sequence	Figure
miR34a asRNA	miR34a_asF10	ACG CGT CTC TCC AGC CCG GGA T	Fig. 1C, Fig. 1E
	miR34a_asF11	ATC TGC GTG GTC ACC GAG AAG CA	Fig. 1E
	miR34a_asF12	AAA CAC AAG CGT TTA CCT GGG TGC	Fig. 1E, Supplementary Fig. 1C
	miR34a_asF13	ACG GAG GCT ACA CAA TTG AAC AGG	Fig. 1E
	miR34a_asF14	AGG GAA GAA AGA ACT AGC CGA GCA	Fig. 1E
	miR34a_asF15	CAT TTG CTG CAA TAT CAC CGT GGC	Fig. 1E
	miR34a_as_int1R1	TGC GCA AAC TAC GCG CTC T	Fig. 1F
	miR34a_asR2	ATA GGT TCA TTT GCC CGA TGT GCC	Supplementary Fig. 1C
	miR34a_asR3	CCA CAG CTG TTG CTT CTG AAT GCT	Supplementary Fig. 1C
	miR34a_asEx3_R1	GTT GCC TTC TTC GCA ACT CCT TGT	Supplementary Fig. 1C
	miR34a_asF1	AGC GGC ATC TCC TCC ACC TGA AA	Fig. 1B, Fig. 1C, Fig. 1F, Fig. 1G, Fig. 1H, Fig. 2A, Fig. 2B, Fig. 3B, Supplementary Fig. 1B, Supplementary Fig. 1E
	miR34a_asR1	TTG CCT CGT GAG TCC AAG GAG AAT	Fig. 1B, Fig. 1E, Fig. 1F, Fig. 1G, Fig. 1H, Fig. 2A, Fig. 2B, Fig. 3B, Supplementary Fig. 1B, Supplementary Fig. 1C, Supplementary Fig. 1E
	miR34a ChIP_F1	AAA GTT TGC AAA GAA GGA GGC GGG	Fig. 3F
	miR34aChIP_R1	AGG GAA GAA AGA ACT AGC CGA GCA	Fig. 3F
miR34a HG	miR34a_HG_F	TCT GCT CCA GTG GCT GAT GAG AAA	Fig. 1B, Fig. 1F, Fig. 1G, Fig. 1H, Fig. 2A, Fig. 2B
	miR34a_HG_R	GTT CAC TGG CCT CAA AGT TGG CAT	Fig. 1B, Fig. 1F, Fig. 1G, Fig. 1H, Fig. 2A, Fig. 2B
miR34a mature	miR34a_mature_F	TaqMan® MicroRNA Assay, hsa-miR-34a, human	Fig. 3B
	miR34a_mature_R	TaqMan® MicroRNA Assay, hsa-miR-34a, human	Fig. 3B
Other asRNA	miR155_asF	AAG CTG GTC CAG GGC CAT TAT ACA	Supplementary Fig. 1A
	miR155_asR	TGA CCT CAT GAT CCA GTC ACC TCA	Supplementary Fig. 1A
	miR301a_asF2	CAA CGG CAG AAG CTT CAC CAC AAA	Supplementary Fig. 1A

Primer type	Name	Sequence	Figure
	miR301a_asR2	CGC TGC TGG ATT CGT TTG GCA TAA	Supplementary Fig. 1A
	miR34bc_asF2	ACA GAA GTC ACT GGC ACT CTG A	Supplementary Fig. 1A
	miR34bc_asR2	ACC CAT ATG GTC ATC TCC TTC GGA	Supplementary Fig. 1A
	miR21_asF	AGT CTT ACC TGT GGT GTG CCC ATT	Supplementary Fig. 1A
	miR21_asR	AGG TCC ATC TCT GCA GAA GCC ATT	Supplementary Fig. 1A
	miR29b_asF	TGT AAT AAG AAG GGC GGT GCT CGT	Supplementary Fig. 1A
	miR29b_asR	AAC CTG TCT TTG TCG CAG GTC TCA	Supplementary Fig. 1A
	miR142_asRNA_F	TTG ATC GTC ATG CTG ACC CAG TGA	Supplementary Fig. 1A
	miR142_asRNA_R	GGG CGG TCT TAC ATG CCT TTG AAT	Supplementary Fig. 1A
Other primers	B-actin_F	AGG TCA TCA CCA TTG GCA ATG AG	Fig. 1B, Fig. 1F, Fig. 1G, Fig. 1H, Fig. 2A, Fig. 2B, Fig. 3A, Fig. 3B, Fig. 3D, Supplementary Fig. 1B, Supplementary Fig. 1E
	B-actin_R	CTT TGC GGA TGT CCA CGT CA	Fig. 1B, Fig. 1F, Fig. 1G, Fig. 1H, Fig. 2A, Fig. 2B, Fig. 3A, Fig. 3B, Fig. 3D, Supplementary Fig. 1B, Supplementary Fig. 1E
	T7_long_reverse	CAG TGA ATT GTA ATA CGA CTC ACT ATA GGG ACA TCC GTA GCT CGT CCA GGA CCC TTT TTT TTT TTT TTT TTT VN	Fig. 1C
	FAM_primer	CCG TAG CTC GTC CAG GAC CC	Fig. 1C
	U48_F (sybr)	AGT GAT GAT GAC CCC AGG TA	Fig. 1F, Fig. 1G
	U48_R (sybr)	GGT CAG AGC GCT GCG GTG AT	Fig. 1F, Fig. 1G
	U48_F (taqman)	Control miRNA Assay, RNU48, human	Fig. 3B
	U48_R (taqman)	Control miRNA Assay, RNU48, human	Fig. 3B
	Renilla_pBiDir_F1	TAA CGC GGC CTC TTC TTA TTT	Fig. 3A
	Renilla_pBiDir_R1	GAT TTG CCT GAT TTG CCC ATA	Fig. 3A
	Luc_set_II_F	AAG ATT CAA AGT GCG CTG CTG	Fig. 3A
	Luc_set_II_R	TTG CCT GAT ACC TGG CAG ATG	Fig. 3A

Primer type	Name	Sequence	Figure
	CCND1 Fwd	CGT GGC CTC TAA GAT GAA GG	Fig. 3D
	CCND1 Rev	CTG GCA TTT TGG AGA GGA AG	Fig. 3D