

Supplementary Table 1

RNAi NAME	TARGETED SEQUENCE	GENE
Gα1 UTR1	5'aaggacctttcgagaaggc 3'	Gnai1
Gα1 UTR2	5'aagatggctcctggagtgtg 3'	Gnai1
Gα1 UTR3	5'aatgtcaacccccttacc 3'	Gnai1
Gα1 UTR4	5'aacccccttaccctgattc 3'	Gnai1
Gα1 CS	5'aaggcggccgtggagcgca 3'	Gnai1
Gα2 UTR1	5 aagccctgggcccaggctc 3'	Gnai2
Gα2 UTR2	5 aaccgccgctgcctgctga 3'	Gnai2
Gα2 UTR3	5'aatctaggaaccgccgctg 3'	Gnai2
Gα2 UTR4	5'aagcccacctgctcattct 3'	Gnai2
Gα2 CS	5'aagatcacacagagccccc 3'	Gnai2
Gα3 UTR1	5'aagtcgaggtgctgcattc 3'	Gnai3
Gα3 UTR2	5'aactgctcttgggtacagac 3'	Gnai3
Gα3 UTR3	5'aagcagtgacttctgcttac 3'	Gnai3
Gα0 UTR1	5'aagcccctgtctaacctac 3'	Gna0
Gα0 UTR2	5'aacctacgaccccagagtg 3'	Gna0

Example showing the primer set used to clone Gai1 UTR1 into HindIII/BglII sites of pSHIN.

HindIII	Targeted sequence	Loop	R.C. of targeted sequence	BglII
5' GATCCCC	AAGGACCTTTTCGAGAAGGC	TTCAAGAGA	GCCTTCTCGAAAGGTCCTT	TTTTTGGAAA 3'
3' GGG	TTCTTGGAAAGCTCTTCCG	AAGTTCTCT	CGGAAGAGCTTTCCAGGAA	AAAAACCTTTTCTCGA 5'