

Supplementary Table S1. siRNAs oligonucleotides

Target genes	Sequences (5'-3')
Human- RGS2 (siRNA)	Forward UAAGAAGUAGCUCAAACGGGU
	Reverse CCGUUUGAGCUACUUCUUACA
Negative control (siRNA)	Forward AUCUCUUUCUUUAUCUCCAA
	Reverse GGAAGAUAAAGAAAGAGAUGA

Sequencing results of the RGS2 plasmid vector:

ATGCAAAGTGCTATGTTCTTGGCTGTTCAACACGACTGCAGACCCATGGACAAGA
GCGCAGGCAGTGGCCACAAGAGCGAGGAGAAGCGAGAAAAGATGAAACGGACC
CTTTTAAAGATTGGAAGACCCGTTTGAGCTACTTCTTACAAAATTCCTCTACTCCT
GGGAAGCCCAAACCGGCAAAAAAAGCAAACAGCAAGCTTTCATCAAGCCTTCT
CCTGAGGAAGCACAGCTGTGGTCAGAAGCATTTGACGAGCTGCTAGCCAGCAAAT
ATGGTCTTGCTGCATTCAGGGCTTTTTTAAAGTCGGAATTCTGTGAAGAAAATATTG
AATTCTGGCTGGCCTGTGAAGACTTCAAAAAAACCAAATCACCCCAAAGCTGTC
CTCAAAAGCAAGGAAAATATATACTGACTTCATAGAAAAGGAAGCTCCAAAAGAG
ATAAACATAGATTTTCAAACCAAACTCTGATTGCCCAGAATATACAAGAAGCTAC
AAGTGGCTGCTTTACAACCTGCCCAGAAAAGGGTATACAGCTTGATGGAGAACAAC
TCTTATCCTCGTTTCTTGGAGTCAGAATTCTACCAGGACTTGTGTAAAAAGCCACA
AATCACCACAGAGCCTCATGCTACATGA