

Supplemental Tables

Table 1S

Genes displaying significant up-/down regulation following transfection of siRNA for SAMD9 and RGL2

SAMD9	Fold Change	p Value
NLRP8	2.02	4.0E-21
TMEM35	2.02	1.0E-09
AMMECR1	2.02	4.5E-13
MAT2B	2.11	1.5E-10
SHROOM4	2.13	9.8E-13
LOC389137	2.23	1.5E-18
AMMECR1	2.37	5.2E-07
EGR1	3.04	1.3E-13
RGL2		
KIF3B	0.39	4.5E-10
NFIA	0.47	2.7E-04
OSGIN1	0.48	7.2E-07
SERPINB2	0.49	5.5E-13
KIF3B	0.50	9.0E-22
EDN1	2.10	3.1E-10
AMMECR1	2.13	4.5E-13
PTS	2.18	5.4E-13
AMMECR1	2.20	5.2E-07
LOC389137	2.25	1.5E-18
PTS	2.31	1.6E-13
SPRR2A	2.35	9.4E-07
OSAP	2.52	4.5E-10
SPRR2F	2.56	9.3E-10
OSAP	2.78	9.9E-14
SPRR2C	2.83	2.9E-13

Table 2S

Oligonucleotide sequences for reporter assay

Primer name	Sequence
-4306 Mlul top	5'-CGACGCGTTGACGTCCTTTTTGTTGATG-3'
-3276 Mlul top	5'-CGACGCGTGTTTGCTCCAGGTTTTCG-3'
-2250 Mlul top	5'-CGACGCGTTCCTTCTCATTTGGGTGAC-3'
-1329 Mlul top	5'-CGACGCGTTCCTTCAAAGGGTCTGTG-3'
-585 Mlul top	5'-CGACGCGTTTTCTCTCTGGCCCTGAC-3'
-253 Mlul top	5'-CGACGCGTCTGCAGCCCTCAAACCTC-3'
-132 Mlul top	5'-CGACGCGTGCTGTAATTTTCAGATCTGAG-3'
-67 XhoI Bott	5'-CCGCTCGAGGTTGGGGAAGGAAGAATATAG-3'
-89 XhoI Bott	5'-CCGCTCGAGGTTTGGTTTCAGTTTCATTTTC-3'
-114 XhoI Bott	5'-CCGCTCGAGATCTGAAATTACAGCACCG-3'
-114 Mlul -89 XhoI	5'-CGACGCGTGATCTGAGAAATGAAACTGAAACCAAACCTCGAGCGG-3'

Table 3S

Real-time RT-PCR oligonucleotide sequences

Primer name	Sequence
SAMD9 F	5'-TGGTTGCAGTGGGTGAATAGG-3'
SAMD9 R	5'-TCTGGAAGGTTAAGTTGCTTTGC-3'
RGL2 F	5'-TCACAAGCCGCCAATATCG-3'
RGL2 R	5'-TCCGGGTATCCAGTAGGTGTCT-3'
EGR1 F	5'-GGCGAGCAGCCCTACGA-3'
EGR1 R	5'-GGGCAGTCGAGTGGTTTGG-3'
ACTIN F	5'-TTGCCGACAGGATGCAGAAGGA-3'
ACTIN R	5'-AGGTGGACAGCGAGGCCAGGAT-3'