

Supplemental Information

Table S1 Primer sequences used for genotyping of transgenic animals and qRT-PCR.

Genotyping	Forward Primer	Reverse Primer
MOP-T (promoter to coding region of Rds)	GGCTTAGGGAGAGAAGGTCA	GGCTTCCACTTG CGTACTTG
COP-T (promoter to coding region of Rds)	CTAAGTC CAGGCCCAATTAAGAG	GAGTTGTTGGTGAGCTGGTACTGG
MOP-T & COP-T (Coding region of Rds to SV-40 PolyA)	CTCTGTCCAAGTGTGAGTCC	ACCACAAC TAGAATGCAGTG
qRT-PCR		
Rds	GTTCAAGTGCTGTGGGAACA	CTGTGTGGAGGTAGCGGAGT
Hprt	GCAAAC TTTGCTTTCCCTGGTT	CAAGGGCATATCCAACAACA