

Table S1

Gene	Detector	Forward	Reverse
Gja5	SYBR	CAGCAGCCAGAGCCTGAAGAAGC	GAGTAGGAGACCGAGGCCGAGC
Sun-1	SYBR	CCTGTGCTAGATGAGTCCCTG	ATTTCCCTGAGTGGCAGCTTT
Sun-2	SYBR	GAGCCCATCCAGACCTTCTAT	CAGAAGACTAGTGGGCAGGCT
Itgb6	SYBR	CTCACGGGTACAGTAACGCA	AAATGAGCTCTCAGGCAGGC
OPN	SYBR	AAACCAGCCAAGGTAAGCCT	TCAGTCACTTTCACCGGGAG
GAPD	SYBR	GTGCAGTGCCAGCCTCGTCC	GCCACTGCAAATGGCAGCCC
Myh6	taqman	Mm00440359_m1	
Myh7	taqman	Mm00600555_m1	
p21(CDKN1A)	taqman	Mm00432448_m1	
GAPD	taqman	4352339E	
ACTB	taqman	4352341E	
miR-1	taqman	4373161	
snoRNA202	taqman	4427975	