

**Additional file 1:** List of primers used for qRT-PCR

<b>PRIMER</b>	<b>SEQUENCE</b>
RHOA-F	5'-TGAAAACATATGTGGCGGATATCG-3'
RHOA-R	5'-TCTGCTTCTTCAGGTTAACCGG-3'
ITGB4-F	5'-GCGACTACACTATTGGATTTGGC-3'
ITGB4-R	5'-TGTCAGGCTGATGACGTTCTTG-3'
ITGA2-F	5'-TGCTGGTTGAAAGACGTTACATG-3'
ITGA2-R	5'-TATAACTCCTGTTGGTACTTCGGC-3'
FAT2-F	5'-CATGAATTCAAGCTGGATCCTC-3'
FAT2-R	5'-CTCGGTCTAGGGCAGTGAGT-3'
PAK6-F	5'-TGAGGAGCAGATTGCCACTGTG-3'
PAK6-R	5'-CTGAGCACAGAATCCGAAGTCC-3'
DSC3-F	5'-CACTTACTCGGAGTGGCACAGT-3'
DSC3-R	5'-AGCTGGAGATCCTCTCCCTCA-3'
MTSS1-F	5'-TCAAGAACAGATGGAAGAATGG-3'
MTSS1-R	5'-TGCGGTAGCGGTAATGTG-3'
CLDN1-F	5'-AATTCTATGACCCTATGACCC-3'
CLDN1-R	5'-GACAGGAACAGCAAAGTAGG-3'
KLK5-F	5'-GCAGGTAGAGACTCCTGCCA-3'
KLK5-R	5'-CACAAGGGTAATCTCCCCAG-3'
CLDN10-F	5'-TTGATCCTCTCTTTGTTGAGCA-3'
CLDN10-R	5'-AAGCAAAATATGACACCACCA-3'
SVIL-F	5'-TTCACTAAGAGCGGCAGAG-3'
SVIL-R	5'-TTCTCCTGTGGCTGTTCC-3'
LAMA4-F	5'-GAGGAGGCAGATGAGGCTTAC-3'
LAMA4-R	5'-ACGACAGGAAACAGAGTGCGG-3'
CEACAM6-F	5'-GAAATACAGAACCCAGCGAGTGC-3'
CEACAM6-R	5'-CAGTGATGTTGGGGATAAAGAGC-3'
PAK1-F	5'-GCTGTTCTGGATGTGTTGGA-3'
PAK1-R	5'-TTCTGAAACTGGTGGCACTG-3'
VAV1-F	5'-TGCTTCAAGTCTCTGGACACCAC-3'
VAV1-R	5'-TCTCGGGCGCAGAAGTCATA-3'
PXN-F	5'-AACAAGCAGAAGTCAGCAGAGCC-3'
PXN-R	5'-CTAGCTTGTTCAAGTCCGAC-3'
RAB7B-F	5'-GGCCAGCATCCTCTCCAAGATTATC-3'
RAB7B-R	5'-GATGCAGCCATCGGAGCCCTTGT-3'
TNS3-F	5'-GTTGAAAGGGTGCTCGAATGA-3'
TNS3-R	5'-GAACTTTCTGCTATTTCTCCAATG-3'
TNS4-F	5'-CCCACCATGAAGTTCGTGATG-3'
TNS4-R	5'-CGGTATGAAGAGCTGTCCCTTATG-3'
OLFM4-F	5'-AGCTCTTCCCAGGTGTTGA-3'

OLFM4-R	5'-AAGCGTTCCACTCTGTCCAC-3'
LPXN-F	5'-ACGCTCCACCCTTCAGGACA-3'
LPXN-R	5'-GACATTGAGCTCCTGGATATTGG-3'
MUC1-F	5'-CCTTTCTCCTGCTGCTG-3'
MUC1-R	5'-TGGGACTGAACTTCTCTG-3'
$\Delta$ Np63-F	5'AGCCAGAAGAAAGGACAGCA'3
$\Delta$ Np63-R	5'TCACTAAATTGAGTCTGGGCAT'3
TAp63-F	5'GTCCCAGAGCACACAGACAA'3
TAp63-R	5'TGCGGATACAGTCCATGCTA'3