**S1Table. Primers used for q-PCR**

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| Primer ID | Primer sequence |
| CDKN21 F | GAG GCC GGG ATG AGT TGG GAG GAG |
| CDKN21 R  | CAG CCG GCG TTT GGA GTG GTA GAA |
| GATA1 F | TGG AGA CTT TGA AGA CAG AGC GGC TGA G  |
| GATA1 R  | GAA GCT TGG GAG AGG AAT AGG CTG CTG A  |
| TGF2 F | AAA GCC AGA GTG CCT GAA CA |
| TGF2 R | AGC GCT GGG TTG GAG ATG |
| SMAD4 F | TAC CAG CAC TGC CAA CTT TCC        |
| SMAD4 R | TGC TAT CTG CAA CAG TCC TTC ACT AT |
| TGFBI F | TTT GTT TAT CGT AAT AGC CTC TGC ATT  |
| TGFBI R | CCG TAC CTC CCC CTC TTG TC |
| COL3A1 1F  | CCC ACT ATT ATT TTG GCA CAA CAG |
| COL3A1 1R  | AAC GGA TCC TGA GTC ACA GAC A |
| BAMBI F | GCT GTC ATG AAG ACA TGT GCA AT  |
| BAMBI R | CCA TCA TGC TGA TAC CTG TTT CC |
| SERPINE1 F | CAT TCC ACG TTC TTA ACT GTT CCA |
| SERPINE1 R | GGG CAA AG GAA AAA AAT GAG |
| TGFb1R F | GCA TGG ATC CCT TTT TGA TTA CTT |
| TGFb1R R | CCA TGT GAA GAT GGG CAA GA |
| GAPDH F | AAT CCC ATC ACC ATC TTC CA |
| GAPDH R | TGG ACT CCA CGA CGT ACT CA |