

Supplemental Table S1:

Primers and probes used in RT-qPCR with Taqman assay

| Gene | Forward Primer | Reverse Primer | FAM dye-labeled probe |
|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| THbZIP | GGACAAGTGAGAAGCAAGAACAAG | GGGTTGGGCAAGGAACAAG | TTCTGCTGCCCATTCAG |
| ST3 | CACTTGTAGCCATTGTATCACACTCA | GCCATGATCTTTCTGAGGCTTTTC | ATGCATTCTCACAAAGCTGT |
| TRβ | CAAGAGTTGTTGATTTTGCCAAAAAGC | ACATGATCTCCATACAACAGCCTTT | CTGCCATGTGAAGACC |
| MMP2 | GACGATGATGAGCTTTGGACACTA | GAACTCTCCATCTGCATTACCATACTT | ACAACCTGGCCTTCTCC |
| TIMP2 | GGAGATCGCTGGAAAGAAGGAATAT | GCACGATGAAGTCACACAGGATTA | ATGCATCTTTCCATCACCATC |
| BMP4 | TGAGGTGATTTCTTCAGCAGAACTG | TCCATTTGCAGCTATGGGTTTCATA | CCGGTGGAAACCCTCA |
| rpl8 | AGAAGGTCATCTCATCTGCAAACAG | CAATACGACCACCTCCAGCAA | CAACCCCAACAATAGCT |