**Table S1. RT-PCR Conditions: Oligonucleotide primer set and amplified size**

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| ***Gene*** | ***Oligonucleotide sequences*** | ***Size of amplified fragment (bp\*)*** |
| *αSMA* | Forward: CGATAGAACACGGCATCATC  Reverse: CATCAGGCAGTTCGTAGCTC | 522 |
| *βIIITUBULIN* | Forward:AGATGTACGAAGACGACGAGGAG  Reverse:GTATCCCCGAAAATATAAACACAAA | 312 |
| *CD31* | Forward:GAGTCCTGCTGACCCTTCTG  Reverse: ATTTTGCACCGTCCAGTCC | 107 |
| *NESTIN* | Forward:AGGGAAGTTGGGCTCAGGACTGG  Reverse:CAGCTGGCGCACCTCAAGATG | 208 |
| *GAPDH* | Forward:ATCACTGCCACCCAGAAGAC  Reverse:ATGAGGTCCACCACCCTGTT | 441 |

*α*SMA, alpha-smooth muscle actin; GAPDH, glyceraldehyde-3-phosphate dehydrogenase.\* bp: base pairs