**Supplementary Table S1**

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| **Human primers for RT-qPCR** | |
| MMP2 | forward: ATAACCTGGATGCCGTCGT |
| reverse: AGGCACCCTTGAAGAAGTAGC |
| MMP3 | forward: CTCCAACCGTGAGGAAAATC |
| reverse: CATGGAATTTCTCTTCTCATCAAA |
| MMP9 | forward: GCCCTTCTACGGCCACTACT |
| reverse: CGTCGAAGATGTTCACGTTG |
| MMP14 | forward: GCCTTGGACTGTCAGGAATG |
| reverse: AGGGGTCACTGGAATGCTC |
| EF1α | forward: ATCCACCTTTGGGTCGCTTT |
| reverse: CCGCAACTGTCTGTCTCATATCAC |
| C1orf43 | forward: GATTTCCCTGGGTTTCCAGT |
| reverse: ATTCGACTCTCCAGGGTTCA |
| **Rat primers for RT-qPCR** | |
| MMP3 | forward: TTGTCCTTCGATGCAGTCAG |
| reverse: GGGGTCCTGAGAGATTTTCG |
| GAPDH | forward: ATGACTCTACCCACGGCAAG |
| reverse: TACTCAGCACCAGCATCACC |
| TBP | forward: CAGGAGCCAAGAGTGAAGAAC |
| reverse: AGGAAATAACTCTGGCTCATAACTACT |
| **Probes for *in situ* hybridization** | |
| miR-155-5p | 5’DIG-\*AmCmC\*CmCmU\*AmUmC\*AmCmG\*AmUmU\*AmGmC\*AmUmUmA\*A-DIG3' |

**Supplementary Table S1.** The list of oligonucleotides

Human primers were designed for *Homo sapiens* and rat primers were designed for *Rattus norvegicus*; MMP – matrix metalloproteinase, EF1α - elongation factor 1α, C1orf43 - chromosome 1 open reading frame 43, GAPDH - glyceraldehyde 3-phosphate dehydrogenase, TBP - TATA-box-binding protein; miR-155-5p oligonucleotide probe for *in situ* hybridization had the following modifications: \* - locked nucleic acid (LNA) modification; m - 2-o-methyl modification; DIG - digoxygenin label