**Table S2. Primers used for RT-PCR and vector construction.**

|  |  |  |
| --- | --- | --- |
| **Gene** | **Forward （5’-3’）** | **Reverse （5’-3’）** |
| MMP9 | ACTGTGACGCCACGTGACA | CCTCGTATACCGCATCAATCTTT |
| RXFP1 | CAAGTGCTCCCTTGGCTATTTC | TGTCCTCATCGGCCTGATTC |
| GAPDH | GGCATGGACTGTGGTCATGAG | TGCACCACCAACTGCTTAGC |
| siMMP-9 | CGCUCAUGUACCCUAUGUATT | UACAUAGGGUACAUGAGCGTT |
| si-RXFP1 | GGUAUUAAUUUGGCCGCAUTT | AUGCGGCCAAAUUAAUACCTT |
| si-NC | UUCUCCGAACGUGUCACGUTT | ACGUGACACGUUCGGAGAATT |