**Supplementary tables**

**Supplementary table 1**

**Primers sequences used for Real-Time qPCR.**

|  |  |
| --- | --- |
| **Name** | **sequence (5'-3')** |
| SERPINE-FOSB\_f | GCAAGGCACCTCTGAGAACT |
| SERPINE-FOSB\_r | GGGTGAGAAAACCACGTTGC |
| HPRT1\_f | TGACACTGGCAAAACAATGCA |
| HPRT1\_r | GGTCCTTTTCACCAGCAAGCT |
| FOS\_f | TGATACACTCCAAGCGGAGAC |
| FOS\_r | CCCCCAGTCAGATCAAGGGA |
| FOSB\_f | AGCAGCAGCTAAATGCAGGA |
| FOSB\_r | CCAACTGATCTGTCTCCGCC |
| SERPINE1\_f | GTCATAGTCTCAGCCCGCAT |
| SERPINE1\_r | AGATGAAGGCGTCTTTCCCC |
| KDR\_f | GACAACCAGACGGACAGTGG |
| KDR\_r | CTTTTGCTGGGCACCATTCC |
| FLT1\_f | GGCCTCGCTCAAGATTGACT |
| FLT1\_r | TTTCCTTTCCAGCTCAGCGT |
| FLT4\_f | CCCAACGACCTACAAAGGCT |
| FLT4\_r | CCTGGTCACAGCCACATTCT |
| KIT\_f | ACTGTGGCCGTTATCTGGAAG |
| KIT\_r | CTTGGGTGACAACACAACCC |
| PDGFRA\_f | CATTGAGACGGGTTCCAGCA |
| PDGFRA\_r | CGAATCCGCCAGTTACAGGA |
| FAS\_f | ACTTGGGGTGGCTTTGTCTT |
| FAS\_r | CCTTTCTGTGCTTTCTGCATGT |
| JAG1\_f | GCGGCCTCTGAAGAACAGAA |
| JAG1\_r | AGCAACAGATCCAAGCCACA |
| HEY1\_f | TGAGAAGCAGGTAATGGAGCAA |
| HEY1\_r | TAGTCCATAGCAAGGGCGTG |
| VWF\_f | TGCCCACCCTTTGATGAACA |
| VWF\_r | ACAGCAGGTGCCTGGAATTT |
| ADAMTS13\_f | GGTGAAATCGTGAGCCCCTC |
| ADAMTS13\_r | GGTGTCCCGGATCAAGATGT |

**Supplementary table 2**

**ShRNA used for inhibition of the receptors, for each receptor the most effective shRNA was selected as tested with Real-Time qPCR.**

|  |  |
| --- | --- |
| **Target** | **Clone ID** |
| KDR | TRCN0000001687 |
| FLT4 | TRCN0000256730 |
| KIT | TRCN0000271279 |
| PDGFRA | TRCN0000196272 |
| FLT1 | TRCN0000000632 |

**Supplementary table 3**

**Sequence of the primers used for ChIP-qPCR.**

|  |  |
| --- | --- |
| **Name** | **Sequence (5'-3')** |
| 1-Serpine1\_100761452\_f | TGTGTCCAGAGAAAGGCGTA |
| 1-Serpine1\_100761452\_r | CTGGCCAGATTCCATCCCTC |
| 2-Serpine1\_100765760\_f | CCCGTGTGACCCCTTACAAA |
| 2-Serpine1\_100765760\_r | CTTACCTGCCTTAGGAGCCG |
| 3-Serpine1\_100760455\_f | CCCCTCCTCTCCTACACCTC |
| 3-Serpine1\_100760455\_r | AGCAGGCTTCTTGCATGTCT |