

**Supplementary Table 4. Primer sequences used for RT-PCR and real-time RT-PCR**

| <b>Gene</b>           | <b>Primer sequence</b>                                       | <b>Target exons<sup>a</sup></b> | <b>Amplicon size (bp)<sup>b</sup></b> |
|-----------------------|--------------------------------------------------------------|---------------------------------|---------------------------------------|
| <b><i>CNTN4</i></b>   | 5'AATTCTGCTGGGACAGGCCCT3'<br>5'GTCATAAACTGGACCTAGCTGTGAGG3'  | <b>21→24</b>                    | <b>436</b>                            |
| <b><i>IL5RA</i></b>   | 5'ATGCTGGGGTTGCAGCCACGA3'<br>5'CAGCTGCTGGCCAGTAGTGAGT3'      | <b>2→5</b>                      | <b>429</b>                            |
| <b><i>TRNT1</i></b>   | 5'CCTGGTGACCATGATCCTGAGACT3'<br>5'GGAAATGGAGGAATGGACCACTGC3' | <b>6→8</b>                      | <b>519</b>                            |
| <b><i>CRBN</i></b>    | 5'CATGGCCGGCGAAGGAGATCA3'<br>5'CCGCACCATACTGACTTCTTGAGG3'    | <b>1→3</b>                      | <b>328</b>                            |
| <b><i>LRRN1</i></b>   | 5'CTCAGCTAGTCCTCCTCCTCCT3'<br>5'GAGCAAGCTCAACTCCTGACACC3'    | <b>1→2</b>                      | <b>383</b>                            |
| <b><i>SETMAR</i></b>  | 5'TGTTGCGCGGAAGCGGCAAAGAC3'<br>5'TTCCAAGGTACGAAGTCCCCAGC3'   | <b>1→2</b>                      | <b>465</b>                            |
| <b><i>SUMF1</i></b>   | 5'AAGGTCCCCCTTCTGGGAAAGAC3'<br>5'GTGAGTTGGAGAGACACCCAGAG3'   | <b>8→9</b>                      | <b>582</b>                            |
| <b><i>ITPR1</i></b>   | 5'AAGGACGACCTGGAGATGAGCG3'<br>5'TGAGGATCAGGGCTGTGATGATGTCA3' | <b>43→45</b>                    | <b>354</b>                            |
| <b><i>BHLHE40</i></b> | 5'AAATCATTGCCCTGCAGAGTGG3'<br>5'TTCTTCGGA CTCTTGCTTAATTGC3'  | <b>4→5</b>                      | <b>503</b>                            |
| <b><i>PTPRG</i></b>   | 5'AGACGTTTCCGTGAAGTGC3'<br>5'GGTCTTA ACTTCACCCTACTGTG3'      | <b>14→18</b>                    | <b>362</b>                            |

|                    |                                                              |             |            |
|--------------------|--------------------------------------------------------------|-------------|------------|
| <b><i>uPA</i></b>  | <b>5'CACGCAAGGGGAGATGAA3'<br/>5'ACAGCATTTTGGTGGTGACTT3'</b>  | <b>8→10</b> | <b>341</b> |
| <b><i>EGFR</i></b> | <b>5'TAACAAGCTCACGCAGTTGG3'<br/>5'GTTGAGGGCAATGAGGACAT3'</b> | <b>2→3</b>  | <b>178</b> |
| <b><i>ACTB</i></b> | <b>5'ACAGAGCCTCGCCTTTG3'<br/>5'TCATCTTCTCGCGGTTGG3'</b>      | <b>1→3</b>  | <b>412</b> |

<sup>a</sup> Based on the gene profiles on Ensembl.

<sup>b</sup> Provided by RefSeq RNA database from NCBI.