

Table 1. List of primers.

| Primer qRT-PCR                         | Sequenz 5' – 3'  | Amplicon length [bp] |
|--|--|----------------------|
| NG2-fw<br>NG2-rv                       | GCAAGCCGATGTGGATTC<br>ATGGCGGATGGTAGGATG                         | 141                  |
| GAPDH-fw<br>GAPDH-rv                   | CCACCCATGGCAAATTCC<br>ACTCCACGACGTACTCAG                         | 141                  |
| $\beta$ -Aktin-fw<br>$\beta$ -Aktin-rv | TCCCTGGAGAAGAGCTACGA<br>AGCACTGTGTTGGCGTACAG                     | 194                  |
| Primer NG2 promoter                    | Restriction site Sequenz 5' – 3'                                 | Amplicon length [bp] |
| P2-fw<br>P2-rv                         | AGACTC GAGCTCTGGTTTCAAGAC<br>AGAAAG CTTACCTCAGTCTCCCT            | 1382                 |
| P1-fw<br>P1-rv                         | AGACTC GAGCTCTGGTTTCAAGAC<br>AGAAAG CTTAGGACTTGCAGGAG            | 1369                 |
| P1.1-fw<br>P1.1-rv                     | AGACTC GAGTTGAGCTGCACTTTC<br>AGAAAG CTTAGGACTTGCAGGAG            | 765                  |
| P1.2-fw<br>P1.2-rv                     | AGACTC GAGCTCAGTTTCCTCATC<br>AGAAAG CTTCCCTAAGTGCAGTGC           | 762                  |
| P1.2.1-fw<br>P1.2.1-rv                 | AGACTC GAGTTGAGCTGCACTTTC<br>AGAAAG CTTACTCCAGAGGCACCA           | 236                  |
| P1.2.2-fw<br>P1.2.2-rv                 | AGACTC GAGGACTGAGGTGAGGCCCTTC<br>AGAAAG CTTCCCTACTTCCCTCCTTCTG   | 237                  |
| P1.2.3-fw<br>P1.2.3-rv                 | AGACTC GAGTCTCCTGAACTCCCGCAAAG<br>AGAAAG CTTCTCGGGTTTCAGGCTTGGAC | 276                  |
| P1.2.4-fw<br>P1.2.4-rv                 | AGACTC GAGCGGGCCCTTTAAGAAGGTTG<br>AGAAAG CTTAGGACTTGCAGGAG       | 201                  |
| P1.2.4.1-fw<br>P1.2.4.1-rv             | AGACTC GAGCGGGCCCTTTAAGAAGGTTG<br>AGAAAG CTTGGTGTCCGCGCACTTAACTC | 114                  |
| P1.2.4.2-fw<br>P1.2.4.2-rv             | AGACTC<br>GAGGAGTTAAGTGC GCGGACACC<br>AGAAAG CTTAGGACTTGCAGGAG   | 107                  |
| pGL4.10 [luc2]-fw<br>pGL4 [luc2]-rv    | CCAGTG CAAGTGCAGGTGCCAGAAC<br>GAATGG CGCTGGGCCCTTCTTAATG         |                      |
| Primer genotype                        | Sequenz 5' – 3'  | Amplicon length [bp] |
| NG2wt-fw<br>NG2wt-rv                   | GGCAAACCCAGAGCCCTGCC<br>GCTGGAGCTGACAGCGGGTG                     | 557                  |
| NG2wt-fw<br>NG2CreERT-rv               | GGCAAACCCAGAGCCCTGCC<br>GCCCCGACCGACGATGAAGC                     | 829                  |