**Supplementary Table 1**. Primer sequences

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| Gene | Forward | Reverse |
| DOP1B | 5' ATGCGTGAGGTTCAAGGC 3' | 5' ATGGCTGTTACGAGGGTT 3' |
| HOMER3 | 5' CGAGGTTAGCAGCGAGAAG 3' | 5' CAGGGAGGTGTCCGATTGT 3' |
| IGF1R | 5' TACTCCTTCTACGTCCTCG 3' | 5' TCTGCCCACTACTGATTG 3' |
| NBEAL2 | 5' GGACAGTCCTAAGCCAACC 3' | 5' CCTACACCAATGACCACCA 3' |
| EML6 | 5' TTGTGGGCAGACTCAGGG 3' | 5' AAGGGTTCAAACATGCAAAGA 3' |