

Table 1s: List of Primers

| PRIMERS | SEQUENCES | AMPLICON SIZE |
|----------------|------------------------|----------------------|
| m-HPRT-F | TGTTGTTGGATATGCCCTTGAC | |
| m-HPRT-R | GGCCACAGGACTAGAACACC | 180 |
| m-ASCL1-F | TGACTTTTGCGGCTGCTTTC | |
| m-ASCL1-R | GCAGAAGGAGGCAGAGTTGT | 200 |
| m-FOXG1-F | ACTGTTTGGGTCTGTGCTCG | |
| m-FOXG1-R | GTAGCAAAGAGCTTCCTGCG | 163 |
| m-DLX2-F | ACCCAGCGGTATTGGAAGTG | |
| m-DLX2-R | CCAGGCTTGGCACTAAAGGA | 117 |
| m-GSX1-F | GACATGTCGCGCTCCTTCTA | |
| m-GSX1-R | ATGAAGAAATCCGGCCCTGG | 101 |
| m-actinin2-F | CCCAGCGCCATGAATCAGATA | |
| m-actinin2-R | ATGTTCTCGATCTGGGTGCC | 194 |
| m-RGS9-1-F | CGTGTATACAGGGACCTGCG | |
| m-RGS9-1-R | AGAACCCTCCAAAGCCACTC | 157 |
| m-ARPP19-F | GTCTTGCCTCCCGGTAATCT | |
| m-ARPP19-R | ATCAGACCCTCCAGGCTTTTG | 197 |
| m-NGEF-F | TGCTTATGTGGGGGACACAC | |
| m-NGEF-R | GCCAGAAGTTCCTGGGTGTT | 113 |
| m-BCL11b-F | CACCCACGAAAGGCATCTGT | |
| m-BCL11b-R | GCACGCAGAGGTGAAGTAATC | 136 |
| m-FOXP1-F | TTTCCGAGGGAACCCTTTTCG | |
| m-FOXP1-R | GGAGCCCTTTAGGCTAGCAG | 105 |
| m-PDE10A-F | ATACCACCCGGGATGAAGGA | |
| m-PDE10A-R | AAGAACAGACTGGATGCGGG | 186 |
| m-PPP1R1B-F | CGACAGGTGGAGATGATCCG | |
| m-PPP1R1B-R | CACAGGGGTTGGGTCTCTTC | 156 |
| h-PPP1R1B-F1 | ACTTCTCACAAGGACTGGGTG | |
| h-PPP1R1B-R1 | TCTGGTGAGGAGTGCTCTGA | 182 |
| m-BDNF-F | GGGAAATCTCCTGAGCCGAG | |
| m-BDNF-R | AGCTTTCTCAACGCCTGTCA | 171 |
| h-GAPDH-F | GACAGTCAGCCGCATCTTCT | |
| h-GAPDH-R | GCGCCAATACGACCAAATC | 104 |
| m-GAPDH-F | CTCCCACTCTCCACCTTCG | |
| m-GAPDH-R | TAGGGCCTCTCTTGCTCAGT | 193 |
| m-TRKB-F1 | CCAAGTTTGGCATGAAAGGC | |
| m-TRKB-R1 | TGCCAAAGTACTGGGGGTTT | 101 |