**Table S1**

|  |  |
| --- | --- |
| **Gene Name** | **Primer Sequence** |
| Hif1a |  F-TGCCAGATCACAGCACATTCA R-TGACACTACAGCAATGCAATGG |
| Cbx7 |

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| --- |
| F-TGGCTGGAGCTTTTCTTTGC |
| R-GGGATTCTGTCCCCCAATATG |

 |
| Smad5 |

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| --- |
| F-CGCCTGTGGGTAGGCAGTAC |
| R-TCTGTGGTTCAGTGCACACTTG |

 |
| Ebp |

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| --- |
| F-GGTGATACCAAGCATCCTTGTG |
| R-CACGCTCTGGGCACTAGTGA |

 |
| Anxa6 |

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| --- |
| F-GTGGCGGAGAGGACTAAAGCT |
| R-AGTTGGCCACTGCTTGGTAGA |

 |
| Nfe2 |

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| --- |
| F-ACAAGGTGGCAGCCCAAA |
| R-CAGCTGCACAATGGTTTCCA |

 |
| Ncald |

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| --- |
| F-GTCCTACAGACGCAGAAAAACAGA |
| R-TCCCCCACCAAGGATGTG |

 |
| Naf1 |

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| --- |
| F-TGTCATGCCCCACTATCCTTTT |
| R-GCGGAAGTGGAAAGTTATGCATA |

 |
| Fgf13 |

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| --- |
| F-CCGGCCGAGGGTGGTA |
| R-CACATGGTTGCCTTTCATGATC |

 |
| Rab15 |

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| --- |
| F-CAGGGAGTCTGGGCTTTGC |
| R-CTACTGGTTTTCAACAGGATTGTCA |

 |
| Cadps |

|  |
| --- |
| F-CCATCCGAAACCGTCTCACT |
| R-GCCCCCACCCTCACTCA |

 |
| Dhx16 |

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| --- |
| F-AAAGTCGGCAAGACACGAGAA |
| R-AGCTGCAAGGTTTGGTCCAT |

 |
| Pold1 |

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| --- |
| F-CCAAGCGCCGCAACTG |
| R-GCTCCTTGATGGTCGATTACG |

 |
| Araf |

|  |
| --- |
| F-CTCCGAACCCTCCTTGCA |
| R-AAGGCAAGCAGGCAACTCA |

 |
| Wnt2b |

|  |
| --- |
| F-CCTCCACTTCAAGCCTCTGACT |
| R-AGGAAGGTGCGCATGCA |

 |
| Sgk3 |

|  |
| --- |
| F-AAAACATATTATGGCTGAACGCAAT |
| R-CCAACCAAAAATGGGTGCTT |

 |
| Ndufs1 |

|  |
| --- |
| F-GCCAAGTGTGTCAAAGCTGTCA |
| R-AGCATATGGACGGCTCCTCTAC |

 |
| Slc25a15 |

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| --- |
| F-GCCCCACGGAGCTTGTG |
| R-TTTCCTGATGTCTCCATTTCATACA |

 |
| Stat5b |

|  |
| --- |
| F-TGGGTTTCGTGAACAAGCAA |
| R-GTCCCGTCTGGCTTGTTGA |

 |
| Ube2n |  F-GAGGTGGAGGTTGAACTCTGGTA R-TCCTGGCCAACGAAAACAG |
| Bdnf |  F-GCCCTGCGGAGGCTAAGT R-GGATGGCCACTCAGAAATTCC |
| Camk2a |  F-TGAGAGGAGATTGGAAGGTGTTTC R-AAGGCATGCGTCCAAGTAGAA |
| Dcx |  F-TTCGTAGTTTTGATGCGTTGCT R-GAGGCAGGTTAATGTTGTCAGACA |
| Gfap |  F-TGACCGCTTTGCTAGCTACATC R-GCGCCTTGTTTTGCTGTTC |
| Nes |  F-GGGAGGATGGAGAATGGACTAGA R-GATCCTCGTCCCCATGCA |
| Ngfb |  F-TTCCAGGCCCATGGTACAA R-GGTGGATGAGCGCTTGCT |
| Ntf3 |  F-GGTGGGCGAGACTGAATGA R-GGGACGTCGACATGAAGAGAA |