Additional file 2: Table S2

Primers and probes used for qMSP.

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| **Assay** |  | **Sequence (5’-3’)** |
| **MEIS2 assay 1** | Forward primer | AGTTTATTTTTGGGGTCGAG |
| Reverse primer | GCGATAAAAAACGAAACCC |
| Probe | FAM-TTTCGGCGTTCGGTTTTTCG-BHQ1 |
| **MEIS2 assay 2** | Forward primer | GCGTTTTTGTTAGTTTTTTCG |
| Reverse primer | AACCATCATAACAATAATATCTACGA |
| Probe | FAM-TTATTTTTTTTTATATGTGAGGGTCGATTT-BHQ1 |
| **aluC4** | Forward primer | GGTTAGGTATAGTGGTTTATATTTGTAATTTTAGTA |
| Reverse primer | ATTAACTAAACTAATCTTAAACTCCTAACCTCA |
| Probe | FAM-CCTACCTTAACCTCCC-MGBNFQ |
| **MYOD1** | Forward primer | CCAACTCCAAATCCCCTCTCTAT |
| Reverse primer | TGGTTTTTTTAGGGAGTAAGTTTGTT |
| Probe | FAM-TCCCTTCCTATTCCTAAATCCAACCTAAATACCTCC-BHQ1 |

*For each probe, 5’ flurophors and 3’ quenchers are given.*