**Table S12: Transcription factor binding sites enriched in gene promoters of differentially expressed mRNAs that are targets of microRNAs both induced and suppressed in arsenic exposed PND70 mice**

|  |  |  |  |
| --- | --- | --- | --- |
| **Transcription Factor** | **Number of Genes** | **P-Value** | **Enrichment Factor** |
| **M01045[AP-2alphaA]** | 6 | 0.033 | 2.203 |
| **M00733[SMAD-4]** | 5 | 0.035 | 2.268 |
| **M00805[LEF1]** | 13 | 0.023 | 1.251 |
| **M00641[HSF]** | 6 | 0.032 | 2.74 |
| **M00056[myogenin\_/\_NF-1]** | 5 | 0.018 | 2.51 |
| **M00626[RFX1\_(EF-C)]** | 6 | 0.036 | 2.643 |
| **M00346[GATA-1]** | 4 | 0.043 | 3.28 |
| **M00017[ATF]** | 7 | 0.035 | 1.908 |
| **M00803[E2F]** | 17 | 0.0020 | 2.128 |