**Table S7: Transcription factor binding sites enriched in gene promoters of differentially expressed mRNAs that are targets of microRNAs both induced and suppressed in arsenic exposed PND1 mice**

|  |  |  |  |
| --- | --- | --- | --- |
| **Transcription Factor** | **Number of Genes** | **P-Value** | **Enrichment Factor** |
| **M00731[Osf2]** | 3 | 0.041 | 4.06 |
| **M00271[AML-1a]** | 9 | 0.028 | 1.878 |
| **M01109[SZF1-1]** | 3 | 0.038 | 2.602 |
| **M00395[HOXA3]** | 2 | 0.017 | 3.785 |
| **M00394[Msx-1]** | 3 | 0.039 | 4.167 |
| **M00678[Tel-2]** | 4 | 0.028 | 3.863 |
| **M00172[AP-1]** | 5 | 0.001 | 4.648 |
| **M00052[NF-kappaB\_(p65)]** | 3 | 0.030 | 4.88 |
| **M00453[IRF-7]** | 4 | 0.036 | 3.534 |
| **M00086[Ik-1]** | 3 | 0.007 | 4.167 |
| **M00322[c-Myc:Max]** | 5 | 0.035 | 2.201 |