**Table S2. Gene Ontology of mRNAs suppressed by arsenic exposure in PND1 mice**

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| --- | --- | --- | --- | --- |
| **Category** | **Term** | **Count** | **%** | **PValue** |
| GOTERM\_BP\_4 | generation of precursor metabolites and energy | 20 | 6.1% | 0.001 |
| GOTERM\_BP\_4 | carbohydrate metabolism | 13 | 3.9% | 0.011 |
| GOTERM\_BP\_4 | lipid metabolism | 14 | 4.2% | 0.038 |
| GOTERM\_BP\_4 | alkene metabolism | 3 | 0.9% | 0.044 |
| GOTERM\_BP\_4 | alcohol metabolism | 8 | 2.4% | 0.045 |
| GOTERM\_CC\_4 | endoplasmic reticulum | 16 | 4.9% | 0.008 |
| GOTERM\_CC\_4 | endosome | 5 | 1.5% | 0.034 |
| GOTERM\_MF\_4 | calcium ion binding | 22 | 6.7% | 0.017 |
| GOTERM\_MF\_4 | phosphotransferase activity, nitrogenous group as acceptor | 3 | 0.9% | 0.093 |
| KEGG\_PATHWAY | MMU00010:GLYCOLYSIS / GLUCONEOGENESIS | 6 | 1.8% | 0.004 |
| KEGG\_PATHWAY | HSA04910:INSULIN SIGNALING PATHWAY | 2 | 0.6% | 0.073 |
| KEGG\_PATHWAY | HSA04720:LONG-TERM POTENTIATION | 2 | 0.6% | 0.073 |
| KEGG\_PATHWAY | MMU05040:HUNTINGTON'S DISEASE | 3 | 0.9% | 0.085 |
| KEGG\_PATHWAY | MMU00460:CYANOAMINO ACID METABOLISM | 2 | 0.6% | 0.091 |