**Supplementary table S4 – Probes correlated with BW p<0.05 and with p<0.05 and FC>1.5 in ANOVA tests**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| probeid | LBW vs. <37w\_NBWFC | LBW vs. <37w\_NBW p | HBW vs. >37w\_NBW FC | HBW vs. >37w\_NBW p | Correlation | Correlation pValue | GeneSymbol | GeneName |
| A\_19\_P00807356 | 1.86 | 0.0007 | -1.72 | 0.0024 | -0.4109 | 0.0241 |   |   |
| A\_19\_P00809574 | 1.67 | 0.0421 | -1.93 | 0.011 | -0.4593 | 0.0107 |   |   |
| A\_23\_P32577 | -1.88 | 0.0294 | 2.13 | 0.0102 | 0.4879 | 0.0062 | DACH1 | dachshund homolog 1 (Drosophila) |
| A\_24\_P63347 | -2.89 | 0.0337 | 3.35 | 0.017 | 0.4617 | 0.0102 | PF4V1 | platelet factor 4 variant 1 |
| A\_33\_P3269019 | 1.84 | 0.0031 | -1.89 | 0.0022 | -0.3661 | 0.0466 | LOC100128559 | hypothetical LOC100128559 |
| A\_33\_P3279353 | -3.81 | 0.0194 | 3.05 | 0.048 | 0.4157 | 0.0223 | AZU1 | azurocidin 1 |
| A\_33\_P3320533 | 1.64 | 0.0115 | -1.59 | 0.0179 | -0.4709 | 0.0086 |   |   |
| A\_33\_P3406661 | 1.66 | 0.0135 | 1.52 | 0.0373 | -0.3766 | 0.0402 | TMEM63C | transmembrane protein 63C |