**Supplementary table S2 – Probes correlated with BW p<0.001**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| probeid | Covariate | Correlation | Correlation PValue | Gene Symbol | GeneName |
| A\_19\_P00317789 | BW | -0.6212 | 0.0002 |  |  |
| A\_23\_P21134 | BW | 0.6164 | 0.0003 | DDIT3 | DNA-damage-inducible transcript 3 |
| A\_23\_P303145 | BW | -0.5868 | 0.0007 |  |  |
| A\_23\_P397308 | BW | -0.653 | 9.15E-05 | KLC4 | kinesin light chain 4 |
| A\_23\_P419150 | BW | 0.5742 | 0.0009 | VENTX | VENT homeobox homolog (Xenopus laevis) |
| A\_33\_P3331451 | BW | 0.5784 | 0.0008 | TGFBR1 | "transforming growth factor, beta receptor 1" |
| A\_33\_P3383687 | BW | -0.5858 | 0.0007 | LOC100132588 | hypothetical protein LOC100132588 |