**Supporting Information Table 3.** Primer sequences and PCR conditions for flanking PCRs to generate 0 and 100% methylated controls

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Gene** | Forward Primer | Reverse Primer | Primer Concentration (pmol) | Size (bp) | Annealing (°C) | Magnesium (mM) |
| *IGF2* | att att tta tag gta aag t | gtt taa tag aag ggt ttc g | 10 | 585 | 60 | 2.5 |
| *IGFBP3* | caa gac ttc gcc tgc caa | cac ctg ctc ctc gtg ctc | 10 | 295 | 65 | - |
| *ZNT5*  | gac aca gga acc cac att cc | cgg ctc cgg ctc act agc aca cac | 10 | 2200 | 60 | - |