**Table S5.** Quantification of bisulfite conversion failure.

|  |  |  |  |
| --- | --- | --- | --- |
| **region analyzed** | **# non-CpG cytosines** | **failed conversion (n)** | **failed conversion (%)** |
| *Gtl2*-DMR, 5’ | 7,526 | 66 | 0.88% |
| *Gtl2*-DMR, 3’ | 4,998 | 49 | 0.98% |
| IG-DMR | 8,344 | 176 | 2.11% |
| total | 20,868 | 291 | 1.39% |

Failed conversion was assessed by counting the number of cytosines present at non-CpG sites in bisulfite-treated DNA; the total number of failed conversion events was divided by the total number of non-CpG cytosines analyzed to calculate the failed conversion rate.