**S2 Table. Primer sets and quantitative real time PCR conditions for measurement of *LINE-1* methylation**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **MIP primers** | **MSP primers** | **Sequence (5’–3’)** | **Amplicon size (bp)** | **qPCR conditions** |
| Ref-F |  | GT AAG GGG TTA GGG AGT TTT T | 87 | 95°C 5 min, 40 cycles of (95°C 10 sec, 63°C 30 sec, 72°C 30 sec), 72°C 5 min. |
| Ref-R | CAATATTCGGGTGGGAGTGACC |
|  | Me1-Line-F | CGG TTT AAG AAA CGG CGT ATT AC | 82 |
| Me1-Line-R | ACA ATC AAC GAA ATT CCG TAA ACG |
| Un1-Line-F | AGTCGTATTCGTAGACGTTTTTC | 90 |
| Un1-Line-R | AAACGCCTATACTCGTACG |
| Me2-Line-F | GGGTTTTACGTTTACGGAATTTC | 81 |
| Me2-Line-R | CCCCCAACCTCGTTA |
| Un2-Line-F | AGAGGGTTTTATGTTTATGGAATTTT | 92 |
| Un2-Line-R | CCTCCCCCAACCTCATTA |