**Table S2** Primer sequence information.

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| --- | --- | --- | --- |
| **Adaptors and primers** | **sequence (5'-3')** | **primers** | **sequence** |
| EcoR I+1 | CTCGTAGACTGCGTACC | E59 | GACTGCGTACCAATTCCA |
| EcoR I+3 | AATTGGTACGCAGTCTAC | E84 | GACTGCGTACCAATTCTCC |
| Mse I +1 | GACGATGAGTCCTGAG | M49 | GATGAGTCCTGAGTAACAG |
| Mse I +3 | TACTCAGGACTCAT | M56 | GATGAGTCCTGAGTAACGC |
| E32 | GACTGCGTACCAATTCAC | M58 | GATGAGTCCTGAGTAACGT |
| E33 | GACTGCGTACCAATTCAG | M62 | GATGAGTCCTGAGTAACTT |
| E40 | GACTGCGTACCAATTCAC | M64 | GATGAGTCCTGAGTAAGAC |
| E50 | GACTGCGTACCAATTCCT |  |  |