

**Table S1. Primers**

| <b>Primer</b> | <b>Sequence (5'-3')</b>   | <b>Description</b>              |
|---------------|---|---------------------------------|
| PLM6          | CAAGCAGAAGACGGCATAACGAGATCGTGATGTGACTGGAGTTCA<br>GACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA   | Sequencing library construction |
| PLM7          | CAAGCAGAAGACGGCATAACGAGATACATCGGTGACTGGAGTTCA<br>GACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA   | Sequencing library construction |
| PLM8          | CAAGCAGAAGACGGCATAACGAGATGCCTAAGTGACTGGAGTTCA<br>GACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA   | Sequencing library construction |
| PLM9          | CAAGCAGAAGACGGCATAACGAGATTGGTCAAGTGACTGGAGTTCA<br>GACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA  | Sequencing library construction |
| PLM10         | CAAGCAGAAGACGGCATAACGAGATCACTGTGTGACTGGAGTTCA<br>GACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA   | Sequencing library construction |
| PLM11         | CAAGCAGAAGACGGCATAACGAGATATTGGCGTGACTGGAGTTCA<br>GACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA   | Sequencing library construction |
| PLM12         | CAAGCAGAAGACGGCATAACGAGATGATCTGGTGACTGGAGTTCA<br>GACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA   | Sequencing library construction |
| PLM13         | CAAGCAGAAGACGGCATAACGAGATTCAAGTGTGACTGGAGTTCA<br>GACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA   | Sequencing library construction |
| PLM14         | CAAGCAGAAGACGGCATAACGAGATCTGATCGTGACTGGAGTTCA<br>GACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA   | Sequencing library construction |
| PLM15         | CAAGCAGAAGACGGCATAACGAGATAAGCTAGTGACTGGAGTTCA<br>GACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA   | Sequencing library construction |
| PLM16         | CAAGCAGAAGACGGCATAACGAGATGTAGCCGTGACTGGAGTTCA<br>GACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA   | Sequencing library construction |
| PLM17         | CAAGCAGAAGACGGCATAACGAGATTACAAGGTGACTGGAGTTCA<br>GACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA   | Sequencing library construction |
| PLM18         | CAAGCAGAAGACGGCATAACGAGATTGTTGACTGTGACTGGAGTT<br>CAGACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA | Sequencing library construction |
| PLM19         | CAAGCAGAAGACGGCATAACGAGATACGGAAGTGTGACTGGAGTT<br>CAGACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA | Sequencing library construction |
| PLM20         | CAAGCAGAAGACGGCATAACGAGATTCTGACATGTGACTGGAGTT<br>CAGACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA | Sequencing library construction |
| PLM21         | CAAGCAGAAGACGGCATAACGAGATCGGGACGGTGACTGGAGT<br>TCAGACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA  | Sequencing library construction |
| PLM22         | CAAGCAGAAGACGGCATAACGAGATGTGCGGACGTGACTGGAGT<br>TCAGACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA | Sequencing library construction |
| PLM23         | CAAGCAGAAGACGGCATAACGAGATCGTTTCACGTGACTGGAGTT<br>CAGACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA | Sequencing library construction |
| PLM24         | CAAGCAGAAGACGGCATAACGAGATAAGGCCACGTGACTGGAGT<br>TCAGACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA | Sequencing library construction |
| PLM25         | CAAGCAGAAGACGGCATAACGAGATTCCGAAACGTGACTGGAGTT<br>CAGACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA | Sequencing library construction |

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|---------------|---|---------------------------------|
| PLM26         | CAAGCAGAAGACGGCATAACGAGATTACGTACGGTGACTGGAGTT<br>CAGACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA | Sequencing library construction |
| PLM27         | CAAGCAGAAGACGGCATAACGAGATATCCACTCGTGACTGGAGTT<br>CAGACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA | Sequencing library construction |
| PLM28         | CAAGCAGAAGACGGCATAACGAGATATATCAGTGTGACTGGAGTT<br>CAGACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA | Sequencing library construction |
| PLM29         | CAAGCAGAAGACGGCATAACGAGATAAAGGAATGTGACTGGAGTT<br>CAGACGTGTGCTCTTCCGATCTTGTCTCATGAGCGGATAACA | Sequencing library construction |
| PLM30         | AATGATACGGCGACCACCGAGATCTACACTCTTCCCTACACGAC<br>GCTCTTCCGATCTTGTAACGACGGCCAG                | Sequencing library construction |
| PLM49         | ACGCTCTTCCGATCTTGTAACGACGGCCAGT   | Sequencing primer               |