**Supplementary Data 1. Primers for the first stage of DNA library preparation.** Overhang Illumina adapter sequences are marked with blue and orange, sequences that are necessary for amplification of target regions are marked with green. i7 – Nextera Illumina 8-base Index 1, i5 – Nextera Illumina 8-base Index 2.

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| --- | --- |
| Primer pair | Sequence |
| MET1\_2903-3355\_FMET1\_2903-3355\_R | TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCAAGGAAGAGCCTACTGGTGGGTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCCAGCAGGCTTAATGCAGTC |
| CLC\_4342-4693\_FCLC\_4342-4693\_R | TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCAGAGACCTCCAATTGTTGGGAGTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCCCGATTATGAGATGGTTTCACA |
| CLC\_4128-4694\_FCLC\_4128-4694\_R | TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTCGACAAATTGGTCTCAGGCAGTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTCCCGATTATGAGATGGTTTCACA |
| CLC\_3106-3595\_FCLC\_3106-3595\_R | TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTGTTCTTACGGCCTGCCTTGGTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGACATCACAAGGGGAAGCAACA |
| CLC\_2334-2882\_FCLC\_2334-2882\_R | TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCTGGTGCATGCATAGCCTCTGTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGAGAGTATCACAGCTAAAACATCCG |
| TCP\_3681-3961\_FTCP\_3681-3961\_R | TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTGCCTACAATGTCAAGGCACAGTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTCAAAACTTGGGACAAAACAGC |
| TCP\_1792-2342\_FTCP\_1792-2342\_R | TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGACCTCAATAGTTGGTGTGGACCGTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGGCAAAGAATTCATCCCCAATTTTCT |
| Nextera XT v2 (i5) Nextera XT v2 (i7) | AATGATACGGCGACCACCGAGATCTACAC[i5]TCGTCGGCAGCGTC CAAGCAGAAGACGGCATACGAGAT[i7]GTCTCGTGGGCTCGG |