|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **P5 Adapter Name** | **5' to 3'** |  | **P5 Adapter Name** | **5' to 3'** |
|  |  |  |  |  |  |
| Extraction Blank-PCR | P5\_fwd\_BC009 | ACACTCTTTCCCTACACGACGCTCTTCCGATCTcgatgta |  | P7\_fwd\_BC039 | GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTgtccaat |
| Bison 875-PCR | P5\_fwd\_BC010 | ACACTCTTTCCCTACACGACGCTCTTCCGATCTgtcatac |  | P7\_fwd\_BC040 | GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTtaggcca |
| Bison 885-PCR | P5\_fwd\_BC011 | ACACTCTTTCCCTACACGACGCTCTTCCGATCTtagcacg |  | P7\_fwd\_BC041 | GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTagattcc |
| Bison 3133-PCR | P5\_fwd\_BC012 | ACACTCTTTCCCTACACGACGCTCTTCCGATCTactgcgt |  | P7\_fwd\_BC042 | GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTctcaagg |
| Bison 4089-PCR | P5\_fwd\_BC013 | ACACTCTTTCCCTACACGACGCTCTTCCGATCTggtatcg |  | P7\_fwd\_BC043 | GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTgagcctt |
|  |  |  |  |  |  |
| Extraction Blank-RPA | P5\_fwd\_BC014 | ACACTCTTTCCCTACACGACGCTCTTCCGATCTttacagt |  | P7\_fwd\_BC044 | GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTtctggaa |
| Bison 875-RPA | P5\_fwd\_BC015 | ACACTCTTTCCCTACACGACGCTCTTCCGATCTaacgcta |  | P7\_fwd\_BC045 | GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTctagaca |
| Bison 885-RPA | P5\_fwd\_BC016 | ACACTCTTTCCCTACACGACGCTCTTCCGATCTccgtgac |  | P7\_fwd\_BC046 | GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTgactcgc |
| Bison 3133-RPA | P5\_fwd\_BC017 | ACACTCTTTCCCTACACGACGCTCTTCCGATCTcgctgag |  | P7\_fwd\_BC047 | GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTtcgagtg |
| Bison 4089-RPA | P5\_fwd\_BC018 | ACACTCTTTCCCTACACGACGCTCTTCCGATCTgtgatct |  | P7\_fwd\_BC048 | GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTagtctat |
|  | Is3\_adapter.P5+P7 | CGAGAAGGCTAGAxxxxxxx |  |  |  |
|  |  |  |  |  |  |
|  | **Primer Name** |  |  | **Primer Name** |  |
|  |  |  |  |  |  |
| Truncated libraries | Is7 | ACACTCTTTCCCTACACGAC |  | Is8 | GTGACTGGAGTTCAGACGTGT |
|  |  |  |  |  |  |
| PCR shotgun libraries | Is4 | AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTT |  | GAII\_Indexing\_8 | CAAGCAGAAGACGGCATACGAGAT**ttcgagc**GTGACTGGAGTTCAGACGTGT |
| PCR mtDNA enriched | Is4 | AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTT |  | GAII\_Indexing\_3 | CAAGCAGAAGACGGCATACGAGAT**acctagg**GTGACTGGAGTTCAGACGTGT |
| RPA shotgun libraries | Is4 | AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTT |  | GAII\_Indexing\_4 | CAAGCAGAAGACGGCATACGAGAT**ttgatcc**GTGACTGGAGTTCAGACGTGT |
| RPA  mtDNA enriched | Is4 | AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTT |  | GAII\_Indexing\_9 | CAAGCAGAAGACGGCATACGAGAT**agttggt**GTGACTGGAGTTCAGACGTGT |

Lowercase letters are internal adapter barcodes and bold lowercase letter are indexes in the i7 adapters. The Is3\_adapter.P5+P7 oligonucleotide is used as the second strand in all adapters with the lowercase letters representing the complementary sequence to the internal barcodes (Meyer & Kircher 2010).