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| --- | --- | --- |
| First Round | | |
| Primer | **Direction** | **Sequence** (Universal tail – [modification] – template-specific primer) |
| BF1-ill1 | Forward | TCGTCGGCAGCGTCAGATGTGTATAAGAGACAG **[ATGG]** ACWGGWTGRACWGTNTAYCC |
| BF1-ill2 | Forward | TCGTCGGCAGCGTCAGATGTGTATAAGAGACAG **[CGT]** ACWGGWTGRACWGTNTAYCC |
| BF1-ill3 | Forward | TCGTCGGCAGCGTCAGATGTGTATAAGAGACAG **[TC]** ACWGGWTGRACWGTNTAYCC |
| BF1-ill4 | Forward | TCGTCGGCAGCGTCAGATGTGTATAAGAGACAG **[G]** ACWGGWTGRACWGTNTAYCC |
| BR2-ill1 | Reverse | GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAG **[ATGGA]** TCDGGRTGNCCRAARAAYCA |
| BR2-ill2 | Reverse | GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAG **[CGA]** TCDGGRTGNCCRAARAAYCA |
| BR2-ill3 | Reverse | GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAG **[TC]** TCDGGRTGNCCRAARAAYCA |
| BR2-ill4 | Reverse | GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAG **[G]** TCDGGRTGNCCRAARAAYCA |
| Second Round | | |
| Primer | **Direction** | **Sequence** (Illumina adapter – index – universal tail) |
| NEX-F | Forward | AATGATACGGCGACCACCGAGATCTACAC **[i5 index]** TCGTCGGCAGCGTC |
| NEX-R | Reverse | CAAGCAGAAGACGGCATACGAGAT **[i7 index]** GTCTCGTGGGCTCGG |