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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 |