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| New set of TnSeq primers | accounting for color balance and hamming distance between indices |
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| Hybrid\_TnSeq\_1F | CTCTTTCCCTACACGACGCTCTTCCGATCTAANNNNNTTGCCGGGGACTTATCAGCCAAC |
| TnSeq\_1R\_01 | CAAGCAGAAGACGGCATACGAGATGGCGAATGGTCTCGTGGGCTCGGAGAT |
| TnSeq\_1R\_02 | CAAGCAGAAGACGGCATACGAGATCGATAGAGGTCTCGTGGGCTCGGAGAT |
| TnSeq\_1R\_03 | CAAGCAGAAGACGGCATACGAGATTTGCGTCAGTCTCGTGGGCTCGGAGAT |
| TnSeq\_1R\_04 | CAAGCAGAAGACGGCATACGAGATATGATTAAGTCTCGTGGGCTCGGAGAT |
| TnSeq\_1R\_05 | CAAGCAGAAGACGGCATACGAGATTCTTCATCGTCTCGTGGGCTCGGAGAT |
| TnSeq\_1R\_06 | CAAGCAGAAGACGGCATACGAGATTCAGTACGGTCTCGTGGGCTCGGAGAT |
| TnSeq\_1R\_07 | CAAGCAGAAGACGGCATACGAGATCATACCTCGTCTCGTGGGCTCGGAGAT |
| TnSeq\_1R\_08 | CAAGCAGAAGACGGCATACGAGATGGCCAGAAGTCTCGTGGGCTCGGAGAT |
| TnSeq\_1R\_09 | CAAGCAGAAGACGGCATACGAGATGGTCAAGTGTCTCGTGGGCTCGGAGAT |
| TnSeq\_1R\_10 | CAAGCAGAAGACGGCATACGAGATAACTCTCTGTCTCGTGGGCTCGGAGAT |
| TnSeq\_1R\_11 | CAAGCAGAAGACGGCATACGAGATCTAGGTTAGTCTCGTGGGCTCGGAGAT |
| TnSeq\_1R\_12 | CAAGCAGAAGACGGCATACGAGATTCCGGCGGGTCTCGTGGGCTCGGAGAT |
| TnSeq\_1R\_13 | CAAGCAGAAGACGGCATACGAGATACGATCGCGTCTCGTGGGCTCGGAGAT |
| TnSeq\_1R\_14 | CAAGCAGAAGACGGCATACGAGATGTTATGCTGTCTCGTGGGCTCGGAGAT |
| TnSeq\_1R\_15 | CAAGCAGAAGACGGCATACGAGATCAGTCGGTGTCTCGTGGGCTCGGAGAT |
| TnSeq\_1R\_16 | CAAGCAGAAGACGGCATACGAGATAACCGCAAGTCTCGTGGGCTCGGAGAT |

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| Hybrid\_TnSeq\_2R | CAAGCAGAAGACGGCATACGA |
| TnSeq\_2F\_01 | AATGATACGGCGACCACCGAGATCTACACGGACGTAGACACTCTTTCCCTACACGACGCT |
| TnSeq\_2F\_02 | AATGATACGGCGACCACCGAGATCTACACGATGCCAGACACTCTTTCCCTACACGACGCT |
| TnSeq\_2F\_03 | AATGATACGGCGACCACCGAGATCTACACTCGGATGCACACTCTTTCCCTACACGACGCT |
| TnSeq\_2F\_04 | AATGATACGGCGACCACCGAGATCTACACATAACTTCACACTCTTTCCCTACACGACGCT |
| TnSeq\_2F\_05 | AATGATACGGCGACCACCGAGATCTACACTTCTGGCTACACTCTTTCCCTACACGACGCT |
| TnSeq\_2F\_06 | AATGATACGGCGACCACCGAGATCTACACCCGGTAACACACTCTTTCCCTACACGACGCT |
| TnSeq\_2F\_07 | AATGATACGGCGACCACCGAGATCTACACCAATGCCTACACTCTTTCCCTACACGACGCT |
| TnSeq\_2F\_08 | AATGATACGGCGACCACCGAGATCTACACAGATAAGAACACTCTTTCCCTACACGACGCT |
| TnSeq\_2F\_09 | AATGATACGGCGACCACCGAGATCTACACCCTAATCTACACTCTTTCCCTACACGACGCT |
| TnSeq\_2F\_10 | AATGATACGGCGACCACCGAGATCTACACCATCTCCGACACTCTTTCCCTACACGACGCT |
| TnSeq\_2F\_11 | AATGATACGGCGACCACCGAGATCTACACACGCAGTCACACTCTTTCCCTACACGACGCT |
| TnSeq\_2F\_12 | AATGATACGGCGACCACCGAGATCTACACTTCCTCTAACACTCTTTCCCTACACGACGCT |
| TnSeq\_2F\_13 | AATGATACGGCGACCACCGAGATCTACACGGTTCGTAACACTCTTTCCCTACACGACGCT |
| TnSeq\_2F\_14 | AATGATACGGCGACCACCGAGATCTACACGTAACGAGACACTCTTTCCCTACACGACGCT |
| TnSeq\_2F\_15 | AATGATACGGCGACCACCGAGATCTACACAAGAGAGTACACTCTTTCCCTACACGACGCT |
| TnSeq\_2F\_16 | AATGATACGGCGACCACCGAGATCTACACTGCGTAGCACACTCTTTCCCTACACGACGCT |