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| **Oligo Name** | **Oligo Sequence** | **Modifications** |
| **T20A** | 5’\_ACCCTCACACACCACCGCTATGTAATGTCCTAGCAAGCCAGAATTCGGCAGCGTCTTTTTTTTTTTTTTTTTTTTTTTT\*T\*T\*T\*T\*T\*T\_3’ | Phosphorothioate linkages between bases are indicated by \* |
| **T20A no 3’ tail** | 5’\_ACCCTCACACACCACCGCTATGTAATGTCCTAGCAAGCCAGAATTCGGCAGCGTC\_3’ |  |
| **T20B** | 5’\_GACGCTGCCGAATTCTGGCTTGCTAGGACATTACAGGAATTATACTGTCACCAAC\_3’ |  |
| **T20C** | 5’\_GTTGGTGACAGTATAATTCCTAGCGGTGGTGTGTGAGGGT\_3’ |  |
| **T30A** | 5’\_AGACTGCCATACCCTCACACACCACCGCTATGTAATGTCCTAGCAAGCCAGAATTCGGCAGCGTCTTTTTTTTTTTTTTTTTTTTTTTT\*T\*T\*T\*T\*T\*T\_3’ | Phosphorothioate linkages between bases are indicated by \* |
| **T30A MP** | 5’\_AGACTGCCATACCCTCACACACCACCGCTATGTAATGTCCmpTmpAmpGmpCmpAmpAmpGmpCmpCmpAGAATTCGGCAGCGTCTTTTTTTTTTTTTTTTTTTTTTTTT\*T\*T\*T\*T\*T\_3’ | Methylphosphonate linkages between bases are indicated by mp |
| **T30B** | 5’\_GACGCTGCCGAATTCTGGCTTGCTAGGACATTACAGGAATTATACTGTCACCAACCACGAGATTT\_3’ |  |
| **T30B MP** | 5’\_GACGCTGCCGAATTCmpTmpGmpGmpCmpTmpTmpGmpCmpTmpAGGACATTACAGGAATTATACTGTCACCAACCACGAGATTT\_3’ | Methylphosphonate linkages between bases are indicated by mp |
| **T30C** | 5’\_AAATCTCGTGGTTGGTGACAGTATAATTCCTAGCGGTGGTGTGTGAGGGTATGGCAGTCT\_3’ |  |
| **T60A** | 5’\_GGCCTGCTCTTATTACCGACACTTACCTTGAGACTGCCATACCCTCACACACCACCGCTATGTAATGTCCTAGCAAGCCAGAATTCGGCAGCGTCTTTTTTTTTTTTTTTTTTTTTTTT\*T\*T\*T\*T\*T\*T\_3’ | Phosphorothioate linkages between bases are indicated by \* |
| **T60B** | 5’\_GACGCTGCCGAATTCTGGCTTGCTAGGACATTACAGGAATTATACTGTCACCAACCACGAGATTTGAAGTAAACCAATTGAGCACATAGCCGCGA\_3’ |  |
| **T60C** | 5’\_TCGCGGCTATGTGCTCAATTGGTTTACTTCAAATCTCGTGGTTGGTGACAGTATAATTCCTAGCGGTGGTGTGTGAGGGTATGGCAGTCTCAAGGTAAGTGTCGGTAATAAGAGCAGGCC\_3’ |  |
| **ORI Top 3’ tail** | 5’\_GAAATAGGTTATTACTGAGTAGTATTTATTTAAGTATTGTTTGTGCACTTGCCTGCAGGCCTTTTGAAAAGCAAGCATAAAAGATCTAAACATAAAATCTGTAAAATAACAAGATGTAAAGATAATGCTAAATCATTTGGCTTTTTGATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT\_3’ |  |
| **ORI Top 5’ tail** | 5’\_TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGAAATAGGTTATTACTGAGTAGTATTTATTTAAGTATTGTTTGTGCACTTGCCTGCAGGCCTTTTGAAAAGCAAGCATAAAAGATCTAAACATAAAATCTGTAAAATAACAAGATGTAAAGATAATGCTAAATCATTTGGCTTTTTGATT\_3’ |  |
| **ORI Top no tail:** | 5’\_GAAATAGGTTATTACTGAGTAGTATTTATTTAAGTATTGTTTGTGCACTTGCCTGCAGGCCTTTTGAAAAGCAAGCATAAAAGATCTAAACATAAAATCTGTAAAATAACAAGATGTAAAGATAATGCTAAATCATTTGGCTTTTTGATT\_3’ |  |
| **ORI Bottom 3’ tail:** | 5’\_AATCAAAAAGCCAAATGATTTAGCATTATCTTTACATCTTGTTATTTTACAGATTTTATGTTTAGATCTTTTATGCTTGCTTTTCAAAAGGCCTGCAGGCAAGTGCACAAACAATACTTAAATAAATACTACTCAGTAATAACCTATTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT\_3’ |  |
| **Ori Bottom 5’ tail:** | 5’\_TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAATCAAAAAGCCAAATGATTTAGCATTATCTTTACATCTTGTTATTTTACAGATTTTATGTTTAGATCTTTTATGCTTGCTTTTCAAAAGGCCTGCAGGCAAGTGCACAAACAATACTTAAATAAATACTACTCAGTAATAACCTATTTC\_3’ |  |
| **Ori Bottom no tail:** | 5’\_AATCAAAAAGCCAAATGATTTAGCATTATCTTTACATCTTGTTATTTTACAGATTTTATGTTTAGATCTTTTATGCTTGCTTTTCAAAAGGCCTGCAGGCAAGTGCACAAACAATACTTAAATAAATACTACTCAGTAATAACCTATTTC\_3’ |  |
| **T50A** | 5’\_TATTACCGACACTTACCTTGAGACTGCCATACCCTCACACACCACCGCTATGTAATGTCCTAGCAAGCCAGAATTCGGCAGCGTCTTTTTTTTTTTTTTTTTTTTTTTT\*T\*T\*T\*T\*T\*T\_3’ | Phosphorothioate linkages between bases are indicated by \* |
| **T50B** | 5’\_GACGCTGCCGAATTCTGGCTTGCTAGGACATTACAGGAATTATACTGTCACCTACCACGAGATTTGAAGTAAACCAATTGAGCAC\_3’ |  |
| **T50C** | 5’\_GTGCTCAATTGGTTTACTTCAAATCTCGTGGTAGGTGACAGTATAATTCCTTTTT3’3’TTTTTTTTTTTTTTTTTTTTTTTTT\_5’-C3 spacer | A 3’ to 3’ reverse polarity linkage is indicated by 3’3’. A 3-carbon spacer at the distal 5’ end is also indicated. |
| **T50D** | 5’\_TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAGCGGTGGTGTGTGAGGGTATGGCAGTCTCAAGGTAAGTGTCGGTAATA\_3’ |  |
| **T50E** | 5’\_GGAATTATACTGTCACCTACCACGAGATTTGAAGTAAACCAATTGAGCAC\_3’ |  |