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|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|---|---|---|---|---|---|---|---|---|---|---|
| BF2_2_GAGCACC | 7 | 6 | 6 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 3 | 5 | 4 | 4 | 1 | 2 | 1 | 2 | 3 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 3 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 4 | 1 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 0 | 2 | 2 | 2 | 1 |
| BF2_2_GAGCCCC | 6 | 7 | 6 | 2 | 3 | 2 | 1 | 2 | 1 | 1 | 2 | 4 | 5 | 4 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 1 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 2 | 2 | 2 | 1 |
| BF2_2_GAGCTCC | 6 | 6 | 7 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 4 | 4 | 5 | 1 | 2 | 1 | 2 | 3 | 2 | 2 | 1 | 1 | 2 | 1 | 3 | 2 | 2 | 3 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 0 | 3 | 3 | 3 | 1 |
| BF2_T_CTAGCAC | 1 | 2 | 1 | 7 | 6 | 6 | 2 | 3 | 2 | 2 | 2 | 2 | 3 | 2 | 4 | 3 | 3 | 1 | 2 | 1 | 2 | 1 | 4 | 3 | 3 | 3 | 0 | 0 | 0 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 0 | 0 | 0 | 3 | 2 | 2 | 0 | 0 | 0 | 2 | 3 | 1 | 1 | 1 | 1 |
| BF2_T_CTAGCCC | 2 | 3 | 2 | 6 | 7 | 6 | 3 | 4 | 3 | 2 | 1 | 3 | 4 | 3 | 3 | 4 | 3 | 2 | 3 | 2 | 2 | 0 | 3 | 4 | 3 | 3 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 3 | 3 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | |
| BF2_T_CTAGCTC | 1 | 2 | 1 | 6 | 6 | 7 | 2 | 3 | 2 | 2 | 1 | 2 | 3 | 2 | 3 | 3 | 4 | 1 | 2 | 1 | 2 | 0 | 3 | 3 | 4 | 3 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 2 | 2 | 3 | 0 | 0 | 0 | 3 | 2 | 1 | 1 | 1 | 2 |
| BF2_4_CTTTGCA | 1 | 1 | 1 | 2 | 3 | 2 | 7 | 6 | 6 | 2 | 0 | 2 | 2 | 2 | 0 | 1 | 0 | 4 | 3 | 3 | 2 | 0 | 1 | 2 | 1 | 0 | 1 | 2 | 1 | 1 | 1 | 1 | 3 | 2 | 2 | 1 | 0 | 1 | 2 | 1 | 2 | 2 | 2 | 3 | 2 | 2 | 0 | 3 | 4 | 3 | 3 | 1 |
| BF2_4_CTTTGCC | 2 | 2 | 2 | 3 | 4 | 3 | 6 | 7 | 6 | 3 | 0 | 3 | 3 | 3 | 1 | 2 | 1 | 3 | 4 | 3 | 3 | 0 | 2 | 3 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 0 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 3 | 3 | 3 | 3 | 1 |
| BF2_4_CTTTGCT | 1 | 1 | 1 | 2 | 3 | 2 | 6 | 6 | 7 | 2 | 0 | 2 | 2 | 2 | 0 | 1 | 0 | 3 | 3 | 4 | 2 | 0 | 1 | 2 | 1 | 0 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 0 | 4 | 3 | 3 | 4 | 2 |
| BF2_5_CCCTAGC | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 2 | 7 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 2 | 0 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 1 | 1 | 1 | 1 | 1 | |
| BF2_6_AAGGAAG | 3 | 2 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 7 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 2 | 2 | 1 | 4 | 3 | 3 | 3 | 2 | 2 | 0 | 1 | 0 | 1 | 3 | 2 | 1 | 1 | 2 | 1 | 1 | 0 | 1 | 0 | 2 | 1 | 1 | 2 | 1 | 2 |
| BF2_B_ATGCACC | 5 | 4 | 4 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 7 | 6 | 6 | 1 | 2 | 1 | 2 | 3 | 2 | 1 | 2 | 2 | 3 | 2 | 1 | 3 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| BF2_B_ATGCCCC | 4 | 5 | 4 | 3 | 4 | 3 | 2 | 3 | 2 | 1 | 2 | 6 | 7 | 6 | 2 | 3 | 2 | 2 | 3 | 2 | 1 | 1 | 3 | 4 | 3 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| BF2_B_ATGCTCC | 4 | 4 | 5 | 2 | 3 | 2 | 2 | 3 | 2 | 1 | 2 | 6 | 6 | 7 | 1 | 2 | 1 | 2 | 3 | 2 | 1 | 1 | 2 | 3 | 2 | 2 | 2 | 2 | 3 | 1 | 1 | 1 | 3 | 3 | 3 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 1 |
| BF2_C_TGCGCAC | 1 | 2 | 1 | 4 | 3 | 3 | 0 | 1 | 0 | 2 | 2 | 1 | 2 | 1 | 7 | 6 | 6 | 0 | 1 | 0 | 2 | 4 | 4 | 3 | 3 | 3 | 0 | 0 | 0 | 4 | 3 | 3 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 3 | 2 | 2 | 3 | 3 | 3 | 1 | 2 | 0 | 0 | 0 | 2 |
| BF2_C_TGCGCCC | 2 | 3 | 2 | 3 | 4 | 3 | 1 | 2 | 1 | 2 | 1 | 2 | 3 | 2 | 6 | 7 | 6 | 1 | 2 | 1 | 2 | 3 | 3 | 4 | 3 | 3 | 0 | 0 | 0 | 3 | 3 | 3 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 4 | 4 | 4 | 1 | 1 | 1 | 1 | 1 | 2 |
| BF2_C_TGCGCTC | 1 | 2 | 1 | 3 | 3 | 4 | 0 | 1 | 0 | 2 | 1 | 1 | 2 | 1 | 6 | 6 | 7 | 0 | 1 | 0 | 2 | 3 | 3 | 3 | 4 | 3 | 0 | 0 | 0 | 3 | 3 | 4 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 1 | 0 | 0 | 0 | 3 |
| BF2_D_CCGAGCA | 2 | 2 | 2 | 1 | 2 | 1 | 4 | 3 | 3 | 2 | 1 | 2 | 2 | 2 | 0 | 1 | 0 | 7 | 6 | 6 | 3 | 0 | 1 | 2 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 3 | 2 | 2 | 0 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 2 | 1 | 4 | 3 | 3 | 3 | | | |
| BF2_D_CCGAGCC | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 4 | 3 | 3 | 1 | 3 | 3 | 3 | 1 | 2 | 1 | 6 | 7 | 6 | 4 | 0 | 2 | 3 | 2 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 1 | 3 | 3 | 3 | 3 |
| BF2_D_CCGAGCT | 2 | 2 | 2 | 1 | 2 | 1 | 3 | 3 | 4 | 2 | 1 | 2 | 2 | 2 | 0 | 1 | 0 | 6 | 6 | 7 | 3 | 0 | 1 | 2 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 2 | 2 | 3 | 0 | 2 | 1 | 2 | 1 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 4 | 4 |
| BF2_E_CACAGGC | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 4 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 4 | 3 | 7 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 2 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 3 | 3 | 3 | 1 | |
| BF2_F_TGCCAAG | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 3 | 2 | 3 | 2 | 1 | 1 | 4 | 3 | 3 | 0 | 0 | 0 | 1 | 7 | 1 | 0 | 0 | 1 | 3 | 2 | 2 | 4 | 3 | 3 | 0 | 1 | 0 | 3 | 1 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 4 | 3 | 1 | 2 | 0 | 1 | 0 | 1 |
| BF2_W_ACTGCAC | 1 | 2 | 1 | 4 | 3 | 3 | 1 | 2 | 1 | 2 | 3 | 2 | 3 | 2 | 4 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 7 | 6 | 6 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 6 | 7 | 6 | 2 | 2 | 2 | 2 |
| BF2_W_ACTGCCC | 2 | 3 | 2 | 3 | 4 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 4 | 3 | 3 | 4 | 3 | 2 | 3 | 2 | 1 | 0 | 6 | 7 | 6 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 0 | 2 | 2 | 2 | 2 |
| BF2_W_ACTGCTC | 1 | 2 | 1 | 3 | 3 | 4 | 1 | 2 | 1 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | 4 | 1 | 2 | 1 | 1 | 0 | 6 | 6 | 7 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 0 | 0 | 0 | 3 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 0 | 0 | 0 | 4 | 0 | 1 | 1 | 1 | 3 |
| BF2_Y_GGAGTGC | 2 | 2 | 3 | 3 | 3 | 3 | 0 | 1 | 0 | 2 | 1 | 1 | 1 | 2 | 3 | 3 | 3 | 0 | 1 | 0 | 2 | 1 | 2 | 2 | 2 | 7 | 1 | 1 | 2 | 1 | 2 | 1 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 |
| BR2_2_AATCAGG | 3 | 2 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 4 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 2 | 2 | 2 | 1 | 7 | 6 | 6 | 1 | 2 | 1 | 0 | 1 | 0 | 3 | 2 | 5 | 4 | 4 | 1 | 2 | 1 | 0 | 1 | 0 | 2 | 0 | 2 | 3 | 2 | 0 |
| BR2_2_AATCGGG | 2 | 2 | 2 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 3 | 2 | 2 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 2 | 2 | 2 | 2 | 1 | 6 | 7 | 6 | 1 | 2 | 1 | 0 | 1 | 0 | 2 | 2 | 4 | 5 | 4 | 1 | 2 | 1 | 0 | 1 | 0 | 1 | 1 | 2 | 3 | 2 | 1 |
| BR2_2_AATCTGG | 2 | 2 | 3 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 3 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 6 | 6 | 7 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 3 | 4 | 4 | 5 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 0 | 3 | 4 | 3 | 0 |
| BR2_3_TGGTCAG | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 1 | 2 | 1 | 4 | 3 | 3 | 1 | 1 | 1 | 0 | 4 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 7 | 6 | 6 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 4 | 3 | 3 | 3 | 4 | 3 | 0 | 3 | 0 | 1 | 0 | 2 |
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| BR2_3_TGGTCTG | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 3 | 3 | 4 | 1 | 1 | 1 | 0 | 3 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 6 | 6 | 7 | 0 | 1 | 0 | 2 | 0 | 1 | 1 | 1 | 3 | 3 | 4 | 3 | 4 | 3 | 1 | 2 | 0 | 1 | 0 | 3 |
| BR2_4_GTAATCA | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 0 | 0 | 2 | 2 | 3 | 0 | 1 | 0 | 3 | 2 | 2 | 1 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 7 | 6 | 6 | 1 | 3 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 4 | 3 | 3 | 0 |
| BR2_4_GTAATCG | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 0 | 1 | 2 | 2 | 3 | 0 | 1 | 0 | 2 | 2 | 2 | 1 | 1 | 0 | 1 | 0 | 3 | 1 | 1 | 2 | 1 | 1 | 1 | 6 | 7 | 6 | 1 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 4 | 3 | 0 |
| BR2_4_GTAATCT | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 0 | 0 | 2 | 2 | 3 | 0 | 1 | 0 | 2 | 2 | 3 | 1 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 6 | 6 | 7 | 1 | 4 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 4 | 1 | |
| BR2_5_GGTCATC | 4 | 3 | 3 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 3 | 2 | 2 | 2 | 2 | 3 | 0 | 1 | 0 | 1 | 3 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 7 | 0 | 4 | 3 | 3 | 1 | 1 | 2 | 1 | 1 | 1 | 3 | 0 | 1 | 1 | 1 | 1 |
| BR2_6_AAAATAT | 1 | 1 | 2 | 2 | 1 | 1 | 0 | 0 | 1 | 0 | 3 | 1 | 1 | 2 | 1 | 0 | 0 | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 3 | 1 | 0 | 0 | 3 | 3 | 4 | 0 | 7 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 4 | 1 |
| BR2_B_GCTCAGG | 3 | 2 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 3 | 2 | 2 | 2 | 2 | 5 | 4 | 4 | 1 | 2 | 1 | 1 | 2 | 1 | 4 | 0 | 7 | 6 | 6 | 2</ | | | | | | | | | | | |