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|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BF2_2_GAGCACC | 7 | 6 | 6 | 2 | 3 | 2 | 1 | 2 | 1 | 2 | 1 | 5 | 4 | 4 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 1 | 1 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 3 | 2 | 2 | 1 | 1 | 1 | 3 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 |
| BF2_2_GAGCCCC | 6 | 7 | 6 | 3 | 4 | 3 | 1 | 2 | 1 | 1 | 0 | 4 | 5 | 4 | 3 | 4 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| BF2_2_GAGCTCC | 6 | 6 | 7 | 2 | 3 | 2 | 1 | 2 | 1 | 1 | 0 | 4 | 4 | 5 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 1 | 1 | 1 | 3 | 3 | 3 | 2 | 0 | 2 | 2 | 3 | 1 | 1 | 1 | 4 | 4 | 4 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | | | | |
| BF2_T_GTTGCAC | 2 | 3 | 2 | 7 | 6 | 6 | 2 | 3 | 2 | 2 | 1 | 2 | 3 | 2 | 4 | 3 | 3 | 0 | 1 | 0 | 2 | 0 | 4 | 3 | 3 | 3 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 4 | 2 | 2 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 1 | | |
| BF2_T_GTTGCCC | 3 | 4 | 3 | 6 | 7 | 6 | 3 | 4 | 3 | 2 | 0 | 3 | 4 | 3 | 3 | 4 | 3 | 1 | 2 | 1 | 2 | 0 | 3 | 4 | 3 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 3 | 1 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 0 | | |
| BF2_T_GTTGCTC | 2 | 3 | 2 | 6 | 6 | 7 | 2 | 3 | 2 | 2 | 0 | 2 | 3 | 2 | 3 | 3 | 4 | 0 | 1 | 0 | 2 | 1 | 3 | 3 | 4 | 3 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 1 | 1 | 2 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | | | |
| BF2_4_CTTTGCA | 1 | 1 | 1 | 2 | 3 | 2 | 7 | 6 | 6 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 4 | 3 | 3 | 1 | 2 | 0 | 1 | 0 | 1 | 1 | 2 | 1 | 1 | 1 | 3 | 2 | 2 | 2 | 3 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 0 | 0 | 3 | 2 | 2 | 1 | | | |
| BF2_4_CTTTGCC | 2 | 2 | 2 | 3 | 4 | 3 | 6 | 7 | 6 | 2 | 1 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 4 | 3 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 2 | 2 | 2 | 1 | | | | | |
| BF2_4_CTTTGCT | 1 | 1 | 1 | 2 | 3 | 2 | 6 | 6 | 7 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 3 | 3 | 4 | 1 | 2 | 0 | 1 | 0 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 3 | 2 | 4 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 0 | 1 | 2 | 2 | 3 | 2 | | | | |
| BF2_5_TTCAAGC | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 7 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 3 | 1 | 1 | 1 | 1 | 3 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 1 | 0 | 0 | 0 | 2 | | | | | |
| BF2_6_TCCTAAG | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 3 | 7 | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 3 | 3 | 1 | 3 | 1 | 0 | 0 | 0 | 2 | 1 | 1 | 4 | 3 | 3 | 0 | 1 | 0 | 0 | 2 | 3 | 2 | 2 | 4 | 3 | 3 | 2 | 3 | 2 | 2 | 3 | 1 | 2 | 1 | 2 | | |
| BF2_B_ATGCACC | 5 | 4 | 4 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 1 | 7 | 6 | 6 | 2 | 3 | 2 | 2 | 3 | 2 | 1 | 1 | 2 | 3 | 2 | 1 | 3 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 1 | 2 | 2 | 2 | 1 | | | | |
| BF2_B_ATGCCCC | 4 | 5 | 4 | 3 | 4 | 3 | 2 | 3 | 2 | 2 | 0 | 6 | 7 | 6 | 3 | 4 | 3 | 2 | 3 | 2 | 1 | 1 | 3 | 4 | 3 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 1 | | | |
| BF2_B_ATGCTCC | 4 | 4 | 5 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 0 | 6 | 6 | 7 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 1 | 2 | 3 | 2 | 2 | 2 | 2 | 3 | 1 | 1 | 1 | 3 | 3 | 3 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 3 | 3 | 3 | 2 | 0 | 3 | 3 | 3 | 1 | | |
| BF2_C_CGGGCAC | 2 | 3 | 2 | 4 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 2 | 3 | 2 | 7 | 6 | 6 | 1 | 2 | 1 | 4 | 1 | 4 | 3 | 3 | 2 | 0 | 0 | 0 | 4 | 3 | 3 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 2 | 1 | 1 | 1 | 3 | | |
| BF2_C_CGGGCCC | 3 | 4 | 3 | 3 | 4 | 3 | 2 | 3 | 2 | 1 | 0 | 3 | 4 | 3 | 6 | 7 | 6 | 2 | 3 | 2 | 4 | 1 | 3 | 4 | 3 | 2 | 0 | 0 | 0 | 3 | 3 | 3 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | | |
| BF2_C_CGGGCTC | 2 | 3 | 2 | 3 | 3 | 4 | 1 | 2 | 1 | 1 | 0 | 2 | 3 | 2 | 6 | 6 | 7 | 1 | 2 | 1 | 4 | 2 | 3 | 3 | 4 | 2 | 0 | 0 | 0 | 3 | 3 | 4 | 0 | 0 | 0 | 3 | 2 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 1 | 2 | | |
| BF2_D_TCGTGCA | 2 | 2 | 2 | 0 | 1 | 0 | 4 | 3 | 3 | 1 | 3 | 2 | 2 | 2 | 1 | 2 | 1 | 7 | 6 | 6 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 3 | 3 | 3 | 2 | 1 | 1 | 1 | 0 | 1 | 2 | 1 | 1 | 1 | 1 | 3 | 2 | 2 | 1 | 1 | 3 | 2 | 2 | 3 | | |
| BF2_D_TCGTGCC | 3 | 3 | 3 | 1 | 2 | 1 | 3 | 4 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 6 | 7 | 6 | 1 | 2 | 1 | 2 | 1 | 1 | 0 | 1 | 0 | 3 | 3 | 3 | 1 | 1 | 1 | 2 | 0 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 3 | | |
| BF2_D_TCGTGCT | 2 | 2 | 2 | 0 | 1 | 0 | 3 | 3 | 4 | 1 | 3 | 2 | 2 | 2 | 1 | 2 | 1 | 6 | 6 | 7 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 3 | 3 | 3 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 1 | 2 | 2 | 2 | 3 | 4 | | |
| BF2_E_CGCGTGC | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 3 | 1 | 1 | 1 | 2 | 4 | 4 | 4 | 0 | 1 | 0 | 7 | 2 | 2 | 2 | 2 | 4 | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | | |
| BF2_F_CCCCGTG | 1 | 1 | 1 | 0 | 0 | 1 | 2 | 2 | 2 | 1 | 3 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 7 | 0 | 0 | 1 | 0 | 2 | 3 | 2 | 1 | 1 | 2 | 0 | 1 | 0 | 3 | 1 | 3 | 4 | 3 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 1 | 0 | 1 | 0 | 1 | | |
| BF2_W_AAAGCAC | 2 | 3 | 2 | 4 | 3 | 3 | 0 | 1 | 0 | 1 | 1 | 2 | 3 | 2 | 4 | 3 | 3 | 0 | 1 | 0 | 2 | 0 | 7 | 6 | 6 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 2 | 0 | 0 | 0 | 4 | 3 | 3 | 1 | 1 | 1 | 3 | 3 | 2 | 2 | 2 | 1 | |
| BF2_W_AAAGCCC | 3 | 4 | 3 | 3 | 4 | 3 | 1 | 2 | 1 | 1 | 0 | 3 | 4 | 3 | 3 | 4 | 3 | 1 | 2 | 1 | 2 | 0 | 6 | 7 | 6 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 1 | 0 | 0 | 0 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 0 | | |
| BF2_W_AAAGCTC | 2 | 3 | 2 | 3 | 3 | 4 | 0 | 1 | 0 | 1 | 0 | 2 | 3 | 2 | 3 | 3 | 4 | 0 | 1 | 0 | 2 | 1 | 6 | 6 | 7 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 4 | 1 | 0 | 0 | 0 | 3 | 3 | 4 | 1 | 1 | 1 | 4 | 2 | 2 | 2 | 2 | 0 | | |
| BF2_Y_GGTATGC | 2 | 2 | 3 | 3 | 3 | 3 | 1 | 2 | 1 | 3 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 0 | 1 | 0 | 4 | 0 | 1 | 1 | 1 | 7 | 2 | 2 | 3 | 1 | 2 | 1 | 3 | 3 | 3 | 2 | 1 | 3 | 3 | 4 | 0 | 1 | 0 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | | |
| BR2_2_AATCAGG | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 7 | 6 | 6 | 1 | 2 | 1 | 0 | 1 | 0 | 1 | 2 | 5 | 4 | 4 | 3 | 4 | 3 | 2 | 3 | 2 | 2 | 1 | 1 | 2 | 1 | 0 | | |
| BR2_2_AATCGGG | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 3 | 2 | 2 | 2 | 2 | 6 | 7 | 6 | 1 | 2 | 1 | 0 | 1 | 0 | 2 | 1 | 4 | 5 | 4 | 3 | 4 | 3 | 2 | 3 | 2 | 1 | 0 | 1 | 2 | 1 | 1 | | |
| BR2_2_AATCTGG | 2 | 2 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 2 | 3 | 6 | 6 | 7 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 4 | 4 | 5 | 3 | 4 | 3 | 3 | 4 | 3 | 1 | 0 | 2 | 3 | 2 | 0 | | |
| BR2_3_TGGTCAG | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 2 | 1 | 4 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 7 | 6 | 6 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 4 | 3 | 3 | 1 | 2 | 1 | 0 | 1 | 2 | 3 | 2 | 4 | | |
| BR2_3_TGGTCGG | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 1 | 2 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 6 | 7 | 6 | 0 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 3 | 4 | 3 | 1 | 2 | 1 | 0 | 0 | 2 | 3 | 2 | 3 | | |
| BR2_3_TGGTCTG | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 3 | 1 | 2 | 1 | 3 | 3 | 4 | 3 | 3 | 3 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 6 | 6 | 7 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 3 | 3 | 4 | 1 | 2 | 1 | 1 | 0 | 2 | 3 | 2 | 3 | | |
| BR2_4_GTAATCA | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 0 | 2 | 2 | 3 | 0 | 1 | 0 | 2 | 1 | 1 | 1 | 0 | 1 | 2 | 1 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 7 | 6 | 6 | 2 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 3 | 2 | 2 | 2 | 2 | 4 | 3 | 3 | 1 | | |
| BR2_4_GTAATCG | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 3 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 3 | 1 | 1 | 2 | 1 | 1 | 1 | 6 | 7 | 6 | 2 | 1 | 2 | 2 | 3 | 1 | 1 | 1 | 2 | 3 | 2 | 2 | 2 | 3 | 4 | 3 | 1 | | |
| BR2_4_GTAATCT | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 0 | 2 | 2 | 3 | 0 | 1 | 0 | 1 | 1 | 2 | 1 | 0 | 1 | 2 | 1 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 6 | 6 | 7 | 2 | 2 | 1 | 1 | 2 | 0 | 0 | 0 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 4 | 2 | | |
| BR2_5_CAAAGTC | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 3 | 2 | 2 | 0 | 1 | 1 | 1 | 2 | 2 | 3 | 1 | 2 | 1 | 2 | 3 | 3 | 3 | 4 | 2 | 1 | 2 | 1 | 0 | 0 | 1 | 2 | 2 | 2 | 7 | 1 | 0 | 1 | 0 | 1 | 1 | 2 | 1 | 1 | 1 | 4 | 1 | 1 | 1 | 1 | 2 | | |
| BR2_6_CTTGAAT | 1 | 0 | 0 | 4 | 3 | 3 | 3 | 3 | 4 | 2 | 2 | 2 | 1 | 1 | 3 | 2 | 2 | 0 | 0 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 7 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 4 | 0 | 0 | 1 | 2 | | |
| BR2_B_GCTCAGG | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 3 | 5 | 4 | 4 | 1 | 2 | 1 | 1 | 2 | 1 | 0 | 2 | 7 | 6 | 6 | 1 | 2 | 1 | | | | | | | | | | | |