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|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BF2_2_GAGCACC | 7 | 6 | 6 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 2 | 5 | 4 | 4 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 1 | 2 | 3 | 2 | 1 | 3 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 0 | 3 | 2 | 2 | 0 | 0 | 0 | 2 | 2 | 2 | 4 | 1 | 3 | 3 | 3 | 0 | | |
| BF2_2_GAGCCCC | 6 | 7 | 6 | 2 | 3 | 2 | 1 | 2 | 1 | 1 | 1 | 4 | 5 | 4 | 3 | 4 | 3 | 2 | 3 | 2 | 2 | 0 | 3 | 4 | 3 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 4 | 1 | 3 | 3 | 3 | 0 | |
| BF2_2_GAGCTCC | 6 | 6 | 7 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 4 | 4 | 5 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 0 | 2 | 3 | 2 | 1 | 2 | 2 | 3 | 1 | 1 | 1 | 3 | 3 | 3 | 1 | 1 | 2 | 2 | 3 | 0 | 0 | 0 | 3 | 3 | 3 | 4 | 2 | 4 | 4 | 4 | 0 | | |
| BF2_3_AGTGCAC | 1 | 2 | 1 | 7 | 6 | 6 | 1 | 2 | 1 | 4 | 1 | 2 | 3 | 2 | 5 | 4 | 4 | 1 | 2 | 1 | 1 | 3 | 4 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| BF2_3_AGTGCCC | 2 | 3 | 2 | 6 | 7 | 6 | 2 | 3 | 2 | 4 | 1 | 3 | 4 | 3 | 4 | 5 | 4 | 2 | 3 | 2 | 1 | 2 | 3 | 4 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 3 | 1 | 0 | 2 | 2 | 2 | 0 | | | |
| BF2_3_AGTGCTC | 1 | 2 | 1 | 6 | 6 | 7 | 1 | 2 | 1 | 4 | 2 | 2 | 3 | 2 | 4 | 4 | 5 | 1 | 2 | 1 | 1 | 2 | 3 | 3 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 0 | 0 | 0 | 2 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 0 | 1 | 1 | 1 | 0 | | |
| BF2_4_CTTTGCA | 1 | 1 | 1 | 1 | 2 | 1 | 7 | 6 | 6 | 0 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 3 | 2 | 2 | 0 | 2 | 0 | 1 | 0 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 3 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 4 | 3 | 3 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| BF2_4_CTTTGCC | 2 | 2 | 2 | 2 | 3 | 2 | 6 | 7 | 6 | 1 | 2 | 3 | 3 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 1 | 2 | 1 | 2 | 1 | 3 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 1 | 1 | 1 | 1 | 1 | |
| BF2_4_CTTTGCT | 1 | 1 | 1 | 1 | 2 | 1 | 6 | 6 | 7 | 0 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 3 | 0 | 2 | 0 | 1 | 0 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 1 | 3 | 1 | 2 | 1 | 1 | 1 | 1 | 3 | 3 | 4 | 2 | 2 | 1 | 1 | 2 | 2 | | |
| BF2_5_AGCGAGC | 2 | 1 | 1 | 4 | 4 | 4 | 0 | 1 | 0 | 7 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 4 | 3 | 2 | 2 | 1 | 2 | 1 | 0 | 0 | 0 | 3 | 0 | 2 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 2 | 2 | 2 | 1 | | | |
| BF2_6_CTGGATG | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 7 | 3 | 2 | 2 | 3 | 3 | 4 | 0 | 0 | 0 | 1 | 2 | 1 | 1 | 2 | 0 | 2 | 1 | 1 | 2 | 2 | 2 | 3 | 1 | 2 | 1 | 3 | 2 | 2 | 1 | 1 | 2 | 2 | 3 | 2 | 3 | 0 | 0 | 1 | 0 | 0 | | | |
| BF2_B_ATGCACC | 5 | 4 | 4 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 7 | 6 | 6 | 2 | 3 | 2 | 1 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 2 | 3 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 0 | 2 | 2 | 2 | 0 |
| BF2_B_ATGCCCC | 4 | 5 | 4 | 3 | 4 | 3 | 2 | 3 | 2 | 2 | 2 | 6 | 7 | 6 | 3 | 4 | 3 | 1 | 2 | 1 | 1 | 1 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 0 | 2 | 2 | 2 | 0 | | | | |
| BF2_B_ATGCTCC | 4 | 4 | 5 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 2 | 6 | 6 | 7 | 2 | 3 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 3 | 1 | 1 | 1 | 3 | 3 | 3 | 2 | 2 | 1 | 1 | 2 | 0 | 0 | 0 | 2 | 2 | 2 | 3 | 1 | 3 | 3 | 3 | 0 | | |
| BF2_C_CGGGCAC | 2 | 3 | 2 | 5 | 4 | 4 | 1 | 2 | 1 | 3 | 3 | 2 | 3 | 2 | 7 | 6 | 6 | 1 | 2 | 1 | 1 | 1 | 4 | 3 | 3 | 1 | 0 | 0 | 0 | 4 | 3 | 3 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 2 | 1 | 1 | 2 | 2 | 2 | 3 | 1 | 1 | 1 | 1 | 1 | | |
| BF2_C_CGGGCCC | 3 | 4 | 3 | 4 | 5 | 4 | 2 | 3 | 2 | 3 | 3 | 3 | 4 | 3 | 6 | 7 | 6 | 2 | 3 | 2 | 1 | 0 | 3 | 4 | 3 | 1 | 0 | 0 | 0 | 3 | 3 | 3 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 0 | 2 | 2 | 2 | 0 | | |
| BF2_C_CGGGCTC | 2 | 3 | 2 | 4 | 4 | 5 | 1 | 2 | 1 | 3 | 4 | 2 | 3 | 2 | 6 | 6 | 7 | 1 | 2 | 1 | 1 | 0 | 3 | 3 | 4 | 1 | 0 | 0 | 0 | 3 | 3 | 4 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 4 | 0 | 1 | 1 | 1 | 0 | | |
| BF2_D_GGCAGCA | 2 | 2 | 2 | 1 | 2 | 1 | 3 | 2 | 2 | 2 | 0 | 1 | 1 | 1 | 1 | 2 | 1 | 7 | 6 | 6 | 1 | 0 | 1 | 2 | 1 | 2 | 0 | 1 | 0 | 1 | 1 | 1 | 4 | 3 | 3 | 2 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 2 | 1 | 1 | 5 | 4 | 4 | 3 | | | | |
| BF2_D_GGCAGCC | 3 | 3 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 0 | 2 | 2 | 2 | 2 | 3 | 2 | 6 | 7 | 6 | 2 | 0 | 2 | 3 | 2 | 3 | 0 | 1 | 0 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 0 | 4 | 4 | 4 | 3 | | |
| BF2_D_GGCAGCT | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 3 | 2 | 0 | 1 | 1 | 1 | 1 | 2 | 1 | 6 | 6 | 7 | 1 | 0 | 1 | 2 | 1 | 2 | 0 | 1 | 0 | 1 | 1 | 1 | 3 | 3 | 4 | 2 | 2 | 1 | 2 | 1 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 1 | 4 | 4 | 5 | 4 | | |
| BF2_E_TAAAAGC | 3 | 2 | 2 | 1 | 1 | 1 | 0 | 1 | 0 | 3 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 7 | 1 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 4 | 2 | 2 | 1 | 1 | 2 | 3 | 2 | 1 | 1 | 1 | 2 | 3 | 0 | 0 | 0 | 2 | | |
| BF2_F_ACTTAAG | 1 | 0 | 0 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 7 | 2 | 1 | 1 | 3 | 4 | 3 | 3 | 3 | 2 | 2 | 0 | 1 | 0 | 1 | 1 | 1 | 4 | 3 | 3 | 4 | 3 | 3 | 1 | 2 | 1 | 0 | 2 | 0 | 1 | 0 | 2 | |
| BF2_W_GCAGCAC | 2 | 3 | 2 | 4 | 3 | 3 | 0 | 1 | 0 | 2 | 1 | 1 | 2 | 1 | 4 | 3 | 3 | 1 | 2 | 1 | 2 | 2 | 7 | 6 | 6 | 2 | 0 | 0 | 0 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 4 | 3 | 3 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | | | |
| BF2_W_GCAGCCC | 3 | 4 | 3 | 3 | 4 | 3 | 1 | 2 | 1 | 2 | 1 | 2 | 3 | 2 | 3 | 4 | 3 | 2 | 3 | 2 | 2 | 1 | 6 | 7 | 6 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 3 | 3 | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | | | |
| BF2_W_GCAGCTC | 2 | 3 | 2 | 3 | 3 | 4 | 0 | 1 | 0 | 2 | 2 | 1 | 2 | 1 | 3 | 3 | 4 | 1 | 2 | 1 | 2 | 1 | 6 | 6 | 7 | 2 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 3 | 3 | 4 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | | | |
| BF2_Y_ACCTGGC | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 2 | 4 | 0 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 2 | 7 | 2 | 3 | 2 | 1 | 2 | 1 | 0 | 0 | 0 | 2 | 0 | 2 | 3 | 2 | 2 | 3 | 2 | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 1 | 3 | | |
| BR2_2_AATCAGG | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 3 | 2 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 0 | 0 | 0 | 2 | 7 | 6 | 6 | 1 | 2 | 1 | 0 | 1 | 0 | 1 | 0 | 5 | 4 | 4 | 1 | 2 | 1 | 2 | 3 | 2 | 2 | 1 | 1 | 2 | 1 | 0 | | |
| BR2_2_AATCGGG | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 3 | 0 | 0 | 0 | 3 | 6 | 7 | 6 | 1 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 4 | 5 | 4 | 1 | 2 | 1 | 2 | 3 | 2 | 3 | 1 | 1 | 2 | 1 | 1 | | |
| BR2_2_AATCTGG | 2 | 2 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 2 | 6 | 6 | 7 | 1 | 2 | 1 | 1 | 2 | 1 | 0 | 1 | 4 | 4 | 5 | 1 | 2 | 1 | 3 | 4 | 3 | 2 | 2 | 2 | 3 | 2 | 0 | | |
| BR2_3_TGGTCAG | 1 | 2 | 1 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 4 | 3 | 3 | 1 | 1 | 1 | 1 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 7 | 6 | 6 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 5 | 4 | 4 | 0 | 1 | 0 | 1 | 3 | 1 | 2 | 1 | 2 | | | |
| BR2_3_TGGTCGG | 1 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 3 | 3 | 3 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 6 | 7 | 6 | 0 | 1 | 0 | 1 | 0 | 2 | 2 | 2 | 4 | 5 | 4 | 0 | 1 | 0 | 1 | 2 | 1 | 2 | 1 | 1 | | |
| BR2_3_TGGTCTG | 1 | 2 | 1 | 2 | 2 | 3 | 1 | 1 | 1 | 1 | 3 | 1 | 2 | 1 | 3 | 3 | 4 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 6 | 6 | 7 | 0 | 1 | 0 | 2 | 0 | 1 | 1 | 1 | 4 | 4 | 5 | 0 | 1 | 0 | 2 | 2 | 1 | 2 | 1 | 1 | | |
| BR2_4_GTAATCA | 2 | 2 | 3 | 0 | 1 | 0 | 3 | 2 | 2 | 0 | 1 | 2 | 2 | 3 | 0 | 1 | 0 | 4 | 3 | 3 | 2 | 0 | 2 | 3 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 7 | 6 | 6 | 2 | 4 | 1 | 1 | 2 | 1 | 1 | 1 | 3 | 2 | 2 | 0 | 2 | 4 | 3 | 3 | 1 | | |
| BR2_4_GTAATCG | 2 | 2 | 3 | 0 | 1 | 0 | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 3 | 0 | 1 | 0 | 3 | 3 | 3 | 2 | 1 | 2 | 3 | 2 | 0 | 1 | 1 | 2 | 1 | 1 | 1 | 6 | 7 | 6 | 2 | 4 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 0 | 2 | 3 | 4 | 3 | 1 | | | | |
| BR2_4_GTAATCT | 2 | 2 | 3 | 0 | 1 | 0 | 2 | 2 | 3 | 0 | 1 | 2 | 2 | 3 | 0 | 1 | 0 | 3 | 3 | 4 | 2 | 0 | 2 | 3 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 6 | 6 | 7 | 2 | 5 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 3 | 0 | 3 | 3 | 3 | 4 | 2 | | |
| BR2_5_TTCAATC | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 3 | 3 | 3 | 2 | 2 | 1 | 1 | 2 | 2 | 3 | 2 | 4 | 1 | 1 | 1 | 2 | 2 | 1 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 7 | 2 | 1 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 1 | 3 | | |
| BR2_6_CTAATAT | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 2 | 3 | 0 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 4 | 4 | 5 | 2 | 7 | 0 | 0 | 1 | 2 | 1 | 1 | 2 | 2 | 3 | 1 | 4 | 1 | 1 | 2 | 3 | | |
| BR2_B_GCTCAGG | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 4 | 2 | 2 | 2 | 2 | 5 | 4 | 4 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 0 | 7 | 6 | | | | | | | | | | | | | | | |