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|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BF2_2_GAGCACC | 7 | 6 | 6 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 5 | 4 | 4 | 1 | 2 | 1 | 3 | 4 | 3 | 1 | 1 | 2 | 3 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 0 | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 4 | 1 | 2 | 2 | 2 | 2 | 2 | | | |
| BF2_2_GAGCCCC | 6 | 7 | 6 | 2 | 3 | 2 | 1 | 2 | 1 | 1 | 1 | 4 | 5 | 4 | 2 | 3 | 2 | 3 | 4 | 3 | 1 | 0 | 3 | 4 | 3 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 0 | 2 | 2 | 2 | 3 | 3 | 3 | 1 | 1 | 1 | 3 | 0 | 2 | 2 | 2 | 1 | | | |
| BF2_2_GAGCTCC | 6 | 6 | 7 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 2 | 4 | 4 | 5 | 1 | 2 | 1 | 3 | 4 | 3 | 1 | 0 | 2 | 3 | 2 | 1 | 2 | 2 | 3 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 0 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 0 | 3 | 3 | 3 | 1 | | | | |
| BF2_3_AGTGCAC | 1 | 2 | 1 | 7 | 6 | 6 | 1 | 2 | 1 | 3 | 3 | 2 | 3 | 2 | 4 | 3 | 3 | 2 | 3 | 2 | 2 | 1 | 4 | 3 | 3 | 1 | 2 | 2 | 2 | 3 | 2 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 0 | 0 | 0 | 2 | | |
| BF2_3_AGTGCCC | 2 | 3 | 2 | 6 | 7 | 6 | 2 | 3 | 2 | 3 | 2 | 3 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | 3 | 2 | 0 | 3 | 4 | 3 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | | | | |
| BF2_3_AGTGCTC | 1 | 2 | 1 | 6 | 6 | 7 | 1 | 2 | 1 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 4 | 2 | 3 | 2 | 2 | 0 | 3 | 3 | 4 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 0 | 0 | 0 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 1 |
| BF2_4_CTTTGCA | 1 | 1 | 1 | 1 | 2 | 1 | 7 | 6 | 6 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 1 | 1 | 1 | 3 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 3 | 2 | 2 | 0 | 2 | 3 | 2 | 2 | 2 | | | | |
| BF2_4_CTTTGCC | 2 | 2 | 2 | 2 | 3 | 2 | 6 | 7 | 6 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 3 | 2 | 3 | 2 | 3 | 0 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | | | |
| BF2_4_CTTTGCT | 1 | 1 | 1 | 1 | 2 | 1 | 6 | 6 | 7 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 3 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 3 | 0 | 3 | 2 | 2 | 3 | 3 | | | |
| BF2_5_AGCTTGC | 1 | 1 | 2 | 3 | 3 | 3 | 1 | 2 | 1 | 7 | 3 | 2 | 2 | 3 | 1 | 1 | 1 | 1 | 2 | 1 | 4 | 0 | 1 | 1 | 1 | 3 | 2 | 2 | 3 | 2 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 0 | | | | | |
| BF2_6_GGTTTAG | 1 | 1 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 7 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 4 | 3 | 3 | 2 | 3 | 2 | 0 | 0 | 3 | 3 | 4 | 4 | 3 | 3 | 2 | 3 | 2 | 1 | 2 | 1 | 2 | | |
| BF2_B_ATGCACC | 5 | 4 | 4 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 0 | 7 | 6 | 6 | 2 | 3 | 2 | 3 | 4 | 3 | 1 | 1 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 3 | 2 | 2 | 2 | 3 | |
| BF2_B_ATGCCCC | 4 | 5 | 4 | 3 | 4 | 3 | 2 | 3 | 2 | 2 | 0 | 6 | 7 | 6 | 3 | 4 | 3 | 3 | 4 | 3 | 1 | 0 | 3 | 4 | 3 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | | | |
| BF2_B_ATGCTCC | 4 | 4 | 5 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 1 | 6 | 6 | 7 | 2 | 3 | 2 | 3 | 4 | 3 | 1 | 0 | 2 | 3 | 2 | 1 | 2 | 2 | 3 | 1 | 1 | 1 | 3 | 3 | 3 | 2 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 2 | 3 | 3 | 3 | 2 | |
| BF2_C_CTAGCAC | 1 | 2 | 1 | 4 | 3 | 3 | 2 | 3 | 2 | 1 | 1 | 2 | 3 | 2 | 7 | 6 | 6 | 1 | 2 | 1 | 2 | 2 | 4 | 3 | 3 | 1 | 0 | 0 | 0 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | |
| BF2_C_CTAGCCC | 2 | 3 | 2 | 3 | 4 | 3 | 3 | 4 | 3 | 1 | 0 | 3 | 4 | 3 | 6 | 7 | 6 | 2 | 3 | 2 | 2 | 1 | 3 | 4 | 3 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 3 | 3 | 2 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 1 | | |
| BF2_C_CTAGCTC | 1 | 2 | 1 | 3 | 3 | 4 | 2 | 3 | 2 | 1 | 0 | 2 | 3 | 2 | 6 | 6 | 7 | 1 | 2 | 1 | 2 | 1 | 3 | 3 | 4 | 1 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 2 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 1 | | |
| BF2_D_AAGGGCA | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 1 | 0 | 3 | 3 | 3 | 1 | 2 | 1 | 7 | 6 | 6 | 1 | 0 | 2 | 3 | 2 | 0 | 2 | 3 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 3 | 2 | 0 | 1 | 0 | 1 | 1 | 1 | 3 | 2 | 2 | 1 | 1 | 2 | 1 | 0 | | |
| BF2_D_AAGGGCC | 4 | 4 | 4 | 3 | 4 | 3 | 2 | 3 | 2 | 2 | 0 | 4 | 4 | 4 | 2 | 3 | 2 | 6 | 7 | 6 | 2 | 0 | 3 | 4 | 3 | 1 | 2 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 4 | 2 | 0 | 1 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | | |
| BF2_D_AAGGGCT | 3 | 3 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 1 | 0 | 3 | 3 | 3 | 1 | 2 | 1 | 6 | 6 | 7 | 1 | 0 | 2 | 3 | 2 | 0 | 2 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 3 | 0 | 1 | 0 | 1 | 1 | 1 | 2 | 2 | 3 | 1 | 2 | 1 | 1 | 2 | 1 | |
| BF2_E_CGCAGGC | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 2 | 4 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 7 | 1 | 1 | 1 | 1 | 4 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 4 | 2 | 1 | 2 | 1 | 1 | 2 | 1 | 3 | 3 | 3 | 2 | 0 | 1 | 1 | 1 | 0 | | |
| BF2_F_TCAAAAG | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 7 | 3 | 2 | 2 | 4 | 2 | 1 | 1 | 3 | 2 | 2 | 2 | 3 | 2 | 1 | 2 | 3 | 2 | 2 | 2 | 1 | 0 | 1 | 0 | 3 | 3 | 2 | 2 | 3 | | | |
| BF2_W_TCGGCAC | 2 | 3 | 2 | 4 | 3 | 3 | 0 | 1 | 0 | 1 | 1 | 2 | 3 | 2 | 4 | 3 | 3 | 2 | 3 | 2 | 1 | 3 | 7 | 6 | 6 | 3 | 0 | 0 | 0 | 4 | 3 | 3 | 0 | 0 | 0 | 2 | 3 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | | | | |
| BF2_W_TCGGCCC | 3 | 4 | 3 | 3 | 4 | 3 | 1 | 2 | 1 | 1 | 0 | 3 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | 3 | 1 | 2 | 6 | 7 | 6 | 3 | 0 | 0 | 0 | 3 | 3 | 3 | 1 | 1 | 1 | 2 | 3 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 0 | 2 | 2 | 2 | 1 | | |
| BF2_W_TCGGCTC | 2 | 3 | 2 | 3 | 3 | 4 | 0 | 1 | 0 | 1 | 0 | 2 | 3 | 2 | 3 | 3 | 4 | 2 | 3 | 2 | 1 | 2 | 6 | 6 | 7 | 3 | 0 | 0 | 0 | 3 | 3 | 4 | 0 | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 0 | 1 | 1 | 1 | 1 | |
| BF2_Y_TCCAAGC | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 3 | 0 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 4 | 4 | 3 | 3 | 3 | 7 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 3 | 3 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 3 | 1 | 1 | 1 | 1 | 2 | | | |
| BR2_2_AATCAGG | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 3 | 2 | 2 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 2 | 0 | 0 | 0 | 2 | 7 | 6 | 6 | 1 | 2 | 1 | 0 | 1 | 0 | 1 | 0 | 5 | 4 | 4 | 2 | 3 | 2 | 0 | 1 | 0 | 2 | 2 | 1 | 2 | 1 | 3 | |
| BR2_2_AATCGGG | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 3 | 3 | 3 | 2 | 1 | 0 | 0 | 0 | 1 | 6 | 7 | 6 | 1 | 2 | 1 | 0 | 1 | 0 | 2 | 1 | 4 | 5 | 4 | 2 | 3 | 2 | 0 | 1 | 0 | 1 | 1 | 1 | 2 | 1 | 2 | |
| BR2_2_AATCTGG | 2 | 2 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 3 | 3 | 2 | 2 | 3 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 6 | 6 | 7 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 0 | 4 | 4 | 5 | 2 | 3 | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 3 | 2 | 2 | |
| BR2_3_TGGTACG | 1 | 2 | 1 | 3 | 2 | 2 | 1 | 1 | 1 | 2 | 4 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 4 | 3 | 3 | 1 | 1 | 1 | 1 | 7 | 6 | 6 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 4 | 3 | 3 | 1 | 2 | 1 | 0 | 2 | 0 | 1 | 0 | 2 | |
| BR2_3_TGTCGG | 1 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 6 | 7 | 6 | 0 | 1 | 0 | 1 | 1 | 2 | 2 | 2 | 3 | 4 | 3 | 1 | 2 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | |
| BR2_3_TGGTCTG | 1 | 2 | 1 | 2 | 2 | 3 | 1 | 1 | 1 | 2 | 3 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 3 | 3 | 4 | 1 | 1 | 1 | 1 | 6 | 6 | 7 | 0 | 1 | 0 | 2 | 2 | 1 | 1 | 1 | 3 | 3 | 4 | 1 | 2 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | |
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| BR2_4_GTAATCG | 2 | 2 | 3 | 0 | 1 | 0 | 2 | 2 | 2 | 1 | 3 | 2 | 2 | 3 | 2 | 3 | 2 | 1 | 1 | 1 | 1 | 3 | 0 | 1 | 0 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 6 | 7 | 6 | 1 | 0 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 4 | 3 | 1 | | | |
| BR2_4_GTAATCT | 2 | 2 | 3 | 0 | 1 | 0 | 2 | 2 | 3 | 1 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 1 | 1 | 2 | 1 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 6 | 6 | 7 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 2 | | |
| BR2_5_CAGAGTC | 3 | 3 | 3 | 1 | 1 | 2 | 2 | 3 | 2 | 1 | 0 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 3 | 4 | 1 | 2 | 2 | 3 | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 7 | 2 | 0 | 1 | 0 | 1 | 1 | 2 | 1 | 1 | 1 | 4 | 0 | 1 | 1 | 1 | 0 | |
| BR2_6_TCCGGTT | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 3 | 2 | 2 | 3 | 3 | 4 | 3 | 0 | 1 | 0 | 1 | 1 | 2 | 0 | 0 | 1 | 2 | 7 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 1 | 1 | 1 | 2 | 2 | | |
| BR2_B_GCTCAGG | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 1 | 1 | 1 | 3 | 5 | 4 | 4 | 1 | 2 | 1 | 1 | 2 | 1 | 0 | 1 | 7 | 6 | 6 | 2 | 3 | 2 | 0 | 1 | 0 | 2 | 1 | 2 | 3 | 2 | 3 | |
| BR2_B_GCTCGGG | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |