

A

1 2 3 4 5 6 78
 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
 Dme AGCGCGGATGAGGGATTGATGGCAOGTATCACACCAACATTGTGGTCAAAACATAACGGCAGTTGTCTGTACGTGCCOCCTGGTATCTTCAA
 Aga AGCGCTGATGAAGGGTTTGACGGCACTTACCATACAAATGTCGTGGTAAAAATAATGGTAGTTGTTTATACGTACCTCCTGGCATCTTCAA
 Hvi AGTGCTGACGAGGGTTTTGACGGGAOCTAOCAGACCAACGTGGTGGTCAGAAACAACGGCAGTTGCCTGTACGTGCCACCTGGCATATTCAA
 Bmo AGTGCTGACGAGGGTTTTGACGGGACATAOCAGACCAACGTGGTGGTCAGAAACAACGGCAGTTGTCTGTACGTGCCOCCGGGCATTTTCAA
 Tca AGTGCTGATGAGGGTTTCGACGGGACTTTCCAAACAAACGTGTGGTCAAAACATAACGGCAGCTGCTTGTACGTCCCTCCGGGTATCTTCAA
 Ame AGTGCGGATGAGGGTTTCGACGGGACATAOCAAACAAACGTGGTAGTCACGCATAACGGCAGTTGCCTGTACGTTCCTCCGGGCATCTTCAA
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9 10 11 12 13 14
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 Dme GAGCACATGCAAGATGACATCACGTGGTTCCCATTTGATGACCAACATTGCGAAATGAAATTCCGGTAGTTGGAATTACGATGGAATCAG
 Aga GAGCACCTGTAAAATAGACATTACATGGTTCCCTTTTGACGATCAACATTGTGAAATGAAGTTTGGTAGTTGGAOGTATGATGGAACCAG
 Hvi GAGCACATGCAAGATGACATOCCTGGTTTTCCCTTGGACGACCAACACTGTGATATGAAGTTCCGGTAGCTGGACATATGAOGGCAATCAG
 Bmo GAGCACATGCAAGATAGATATOCCTGGTTTTCCCTTGGACGACCAACACTGTGATATGAAGTTTGGTAGCTGGACATATGATGGCAATCAG
 Tca GAGCACATGCAAGATGACATTACGTGGTTCCCTTTGATGACCAACACTGTGACATGAAGTTTGGTAGCTGGAOCTATGAOGGCAACCAG
 Ame GAGCACTTGCAAGATGACATOCCTGGTTCCCTTTGACGACCAACACTGTGACATGAAGTTCCGGATCCTGGAOCTACGAOGGCAACCAG
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B

Dme SADEGFDGTYHTNIVVKHNGSCLYVPPGIFKSTCKIDITWFPFDDQHCEMKFGSWTYDGNQ
 Aga SADEGFDGTYHTNIVVKHNGSCLYVPPGIFKSTCKIDITWFPFDDQHCEMKFGSWTYDGNQ
 Hvi SADEGFDGTYQTNIVVRHNGSCLYVPPGIFKSTCKIDITWFPFDDQHCDMKFGSWTYDGNQ
 Bmo SADEGFDGTYQTNIVVRHNGSCLYVPPGIFKSTCKIDITWFPFDDQHCDMKFGSWTYDGNQ
 Tca SADEGFDGTFQTNIVVKHNGSCLYVPPGIFKSTCKIDITWFPFDDQHCDMKFGSWTYDGNQ
 Ame SADEGFDGTYQTNIVVTHNGSCLYVPPGIFKSTCKIDITWFPFDDQHCDMKFGSWTYDGNQ
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