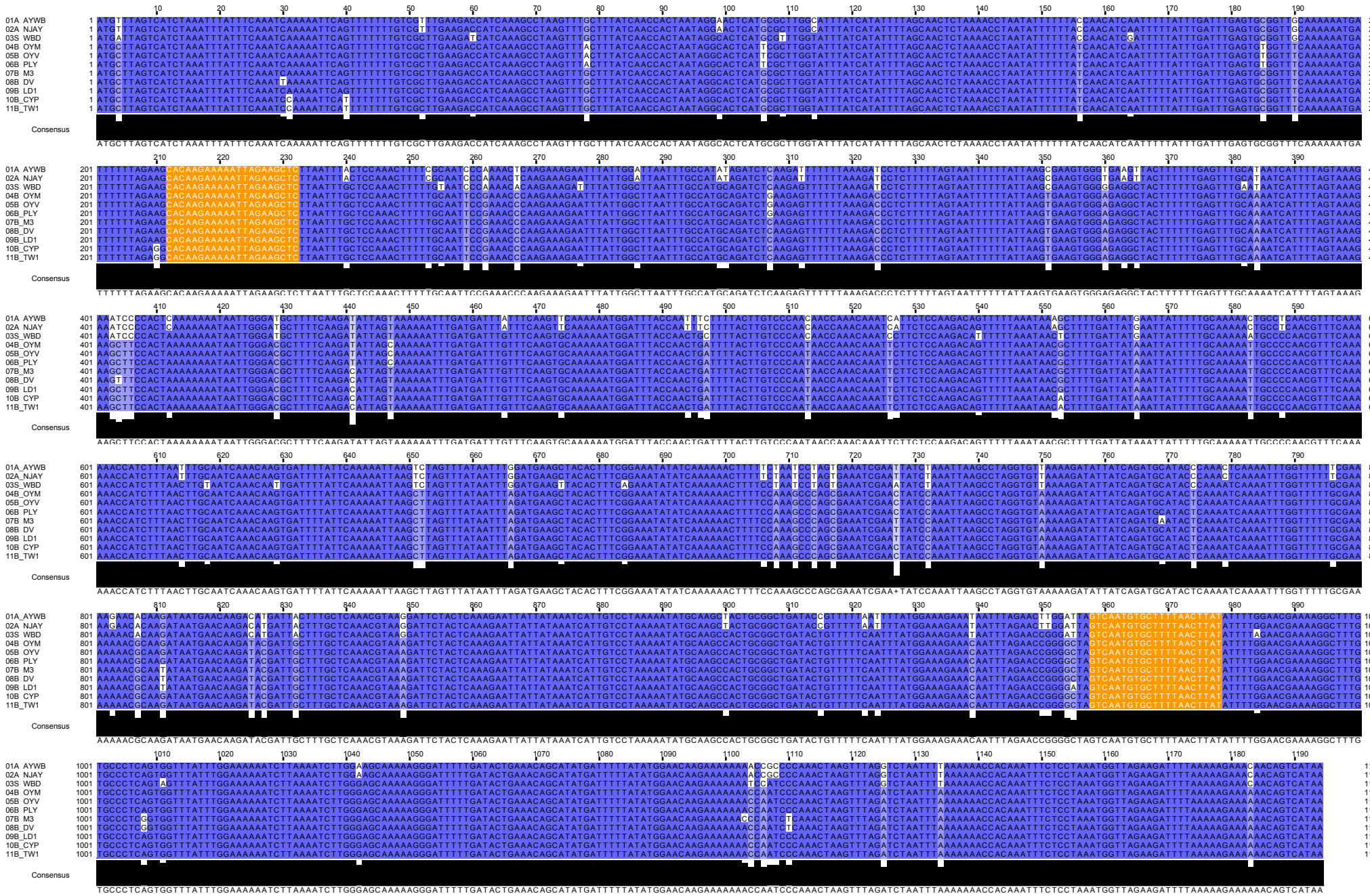
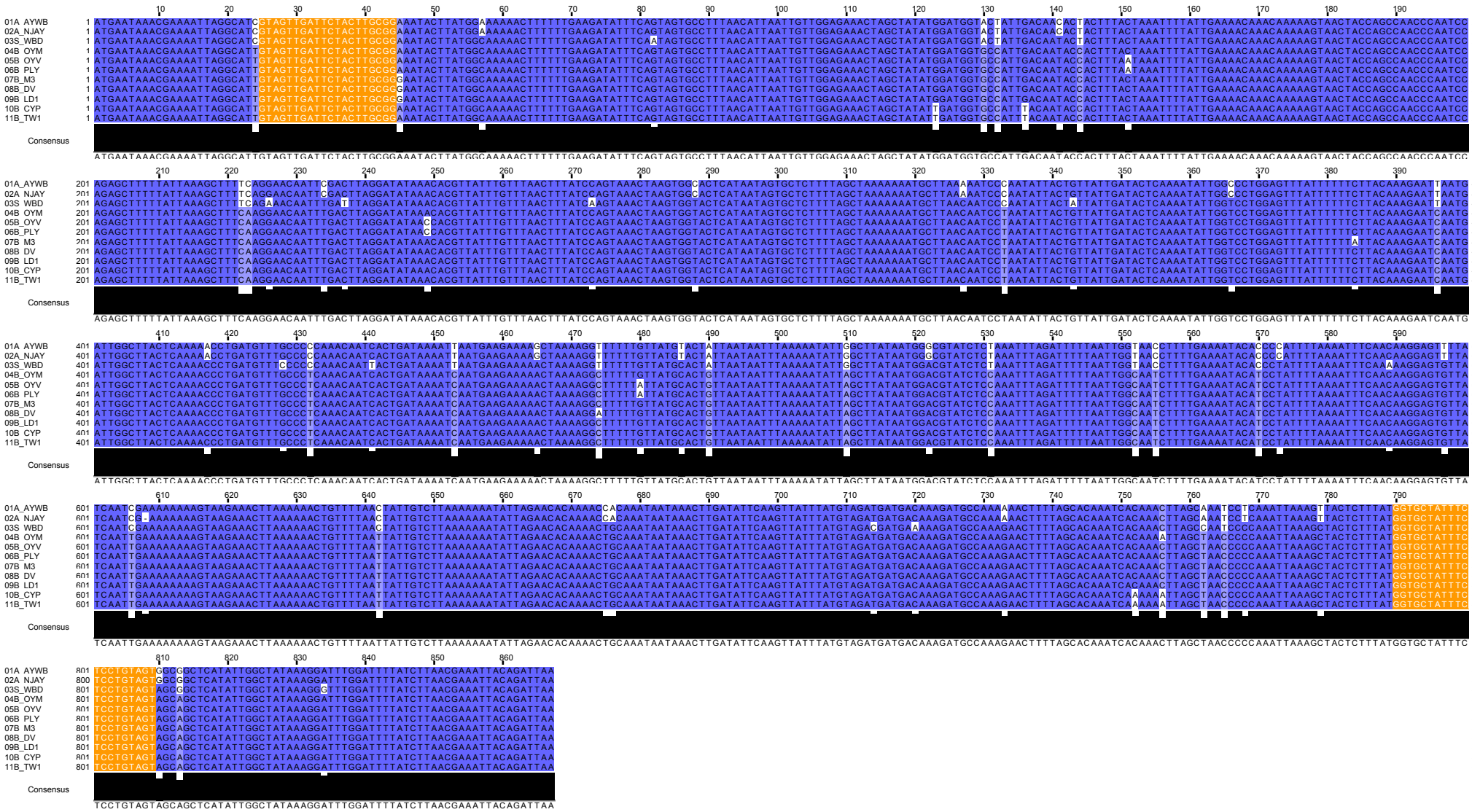
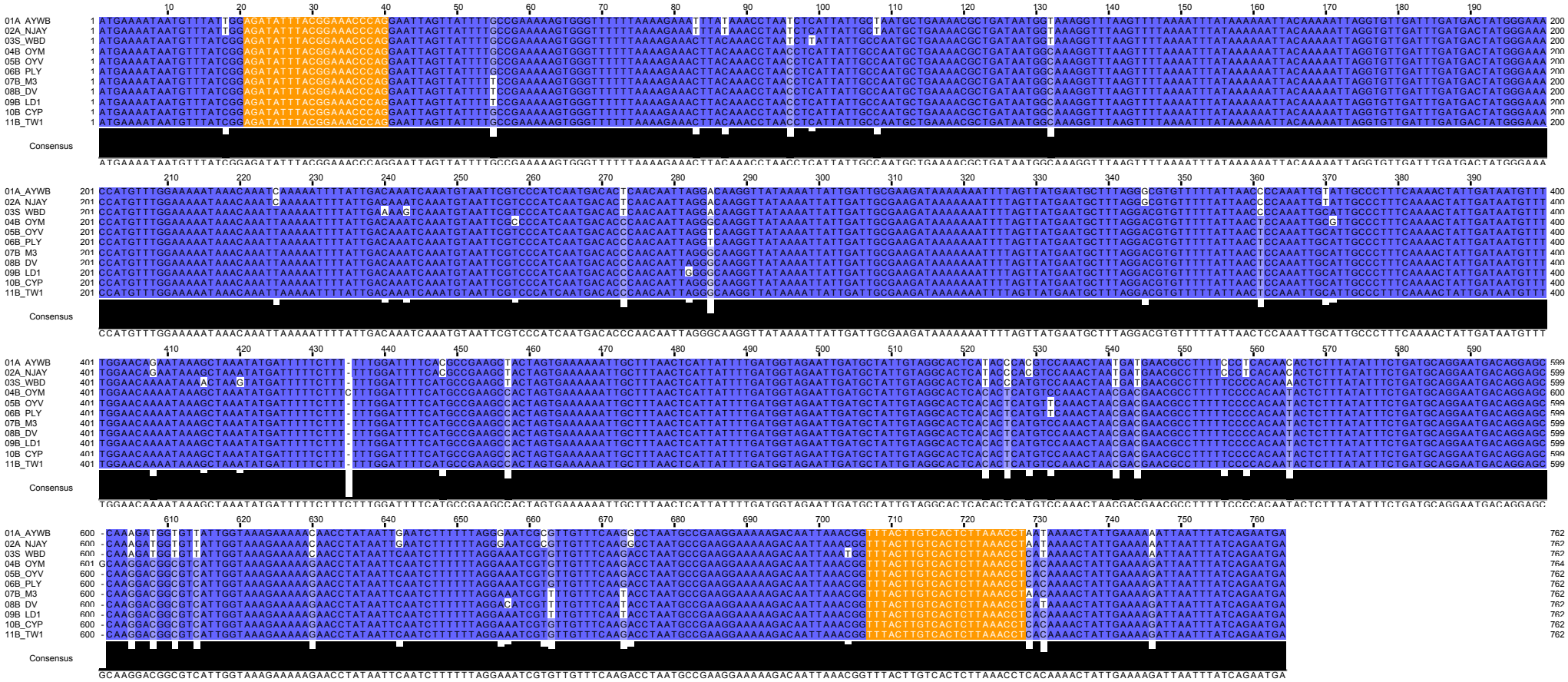
(A) replication initiation protein DnaD



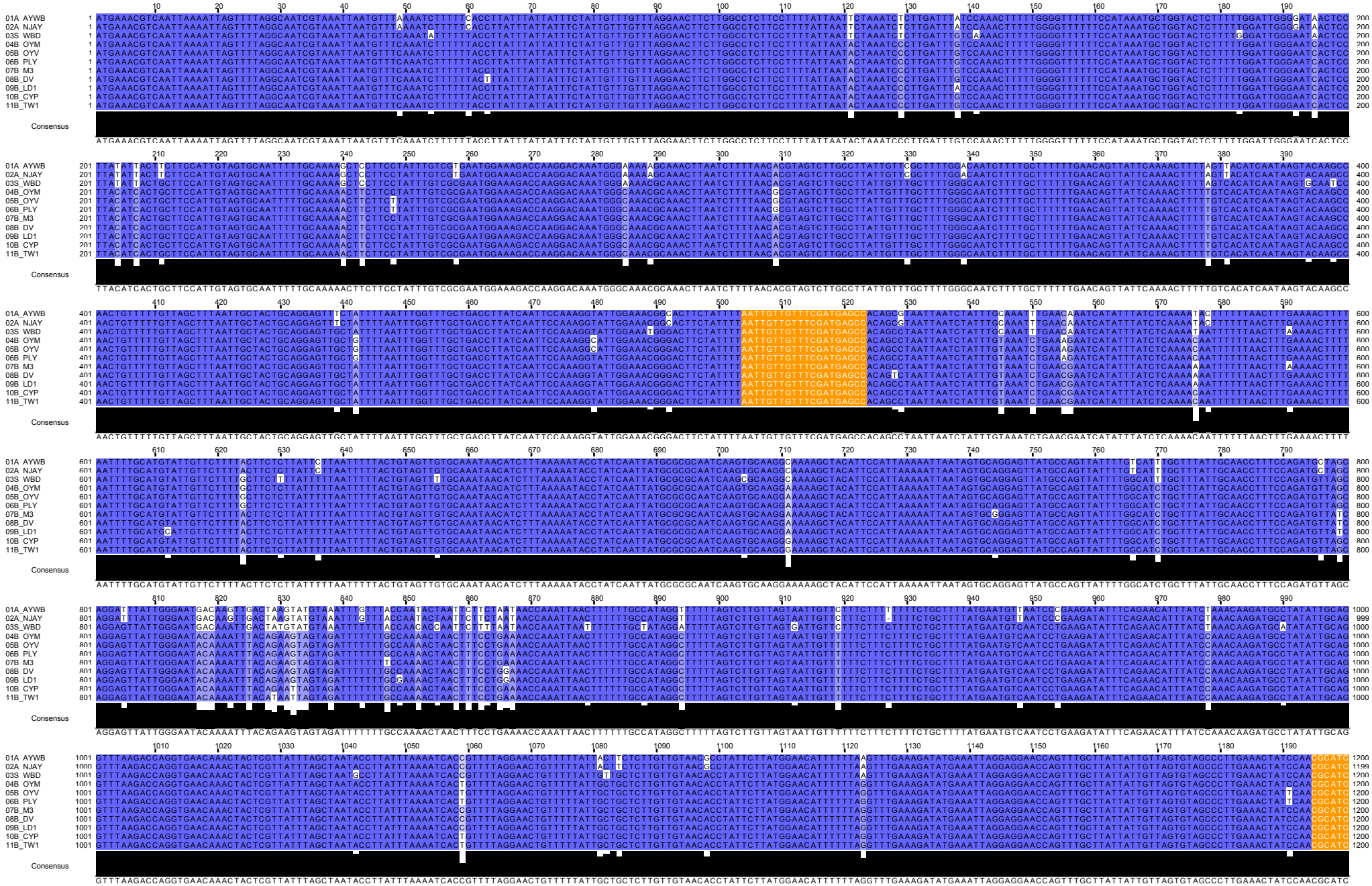
(B) DegV family protein



(C) TIGR00282 family metallophosphoesterase



(D) preprotein translocase subunit SecY



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03S  WBD     1201 AAAGCTACTGCCAACAAAAAAGAATATCAAAAATTATTTTAA 1242
04B  OYM     1201 AAAGCTACTGCCAACAAAAAAGAATATCAAAAATTATTTTAA 1242
05B  OYV     1201 AAAGCTACTGCCAACAAAAAAGAATATCAAAAATTATTTTAA 1242
06B  PLY     1201 AAAGCTACTGCCAACAAAAAAGAATATCAAAAATTATTTTAA 1242
07B  M3      1201 AAAGCTACTGCCAACAAAAAAGAATATCAAAAATTATTTTAA 1242
08B  DV      1201 AAAGCTACTGCCAACAAAAAAGAATATCAAAAATTATTTTAA 1242
09B  LD1     1201 AAAGCTACTGCCAACAAAAAAGAATATCAAAAATTATTTTAA 1242
10B  CYP     1201 AAAGCTACTGCCAACAAAAAAGAATATCAAAAATTATTTTAA 1242
11B_TW1      1201 AAAGCTACTGCCAACAAAAAAGAATATCAAAAATTATTTTAA 1242

Consensus         ################################################
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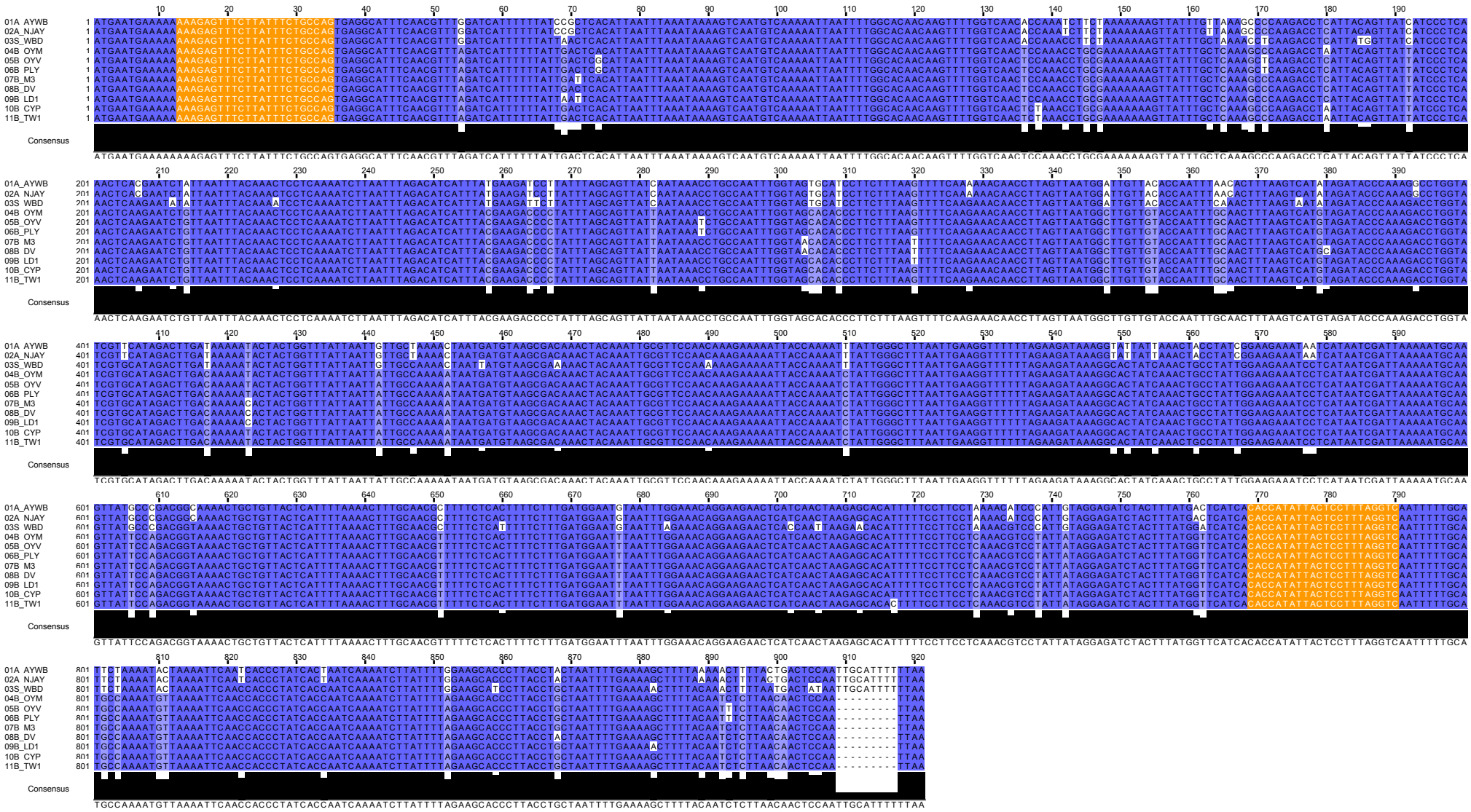
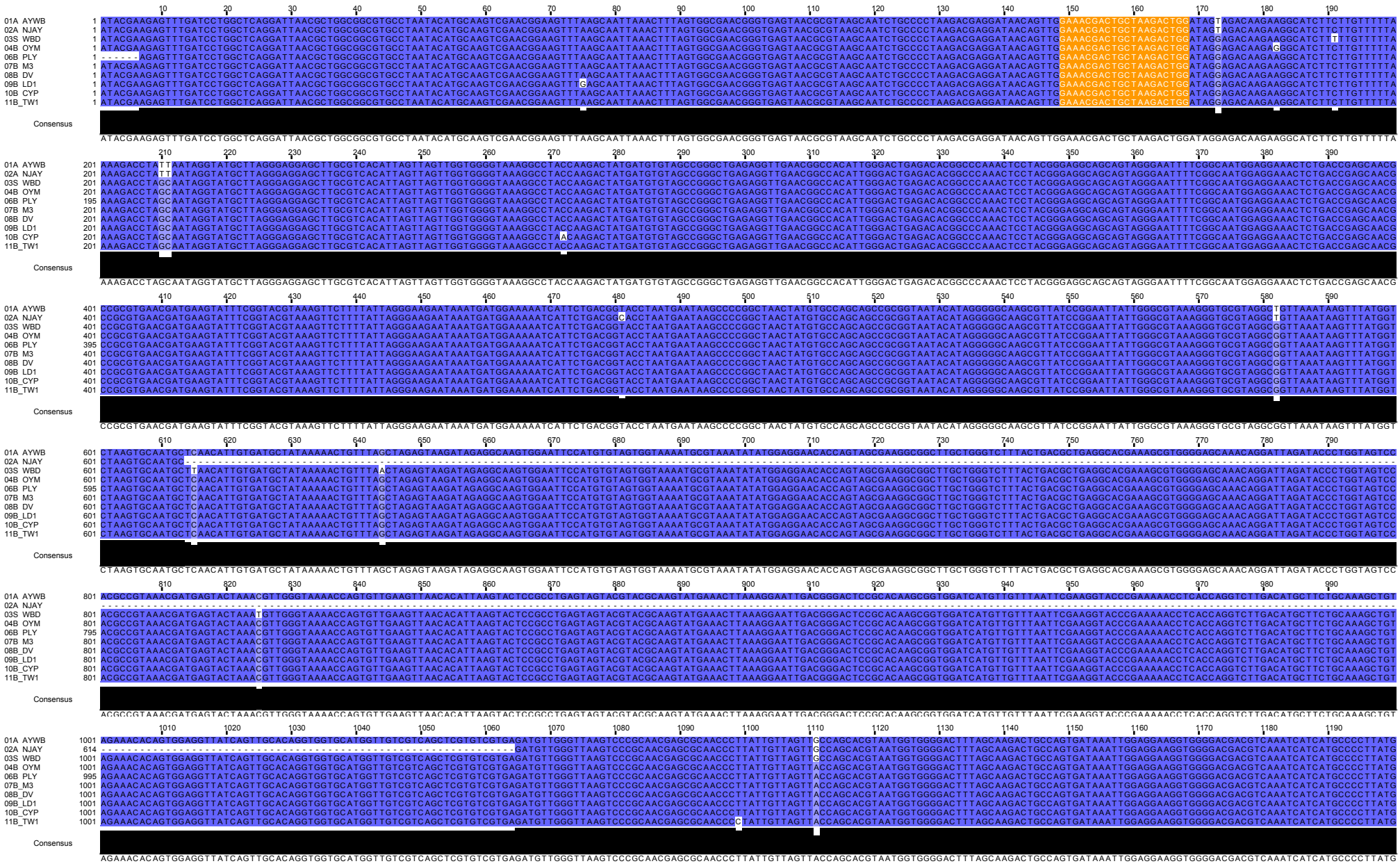
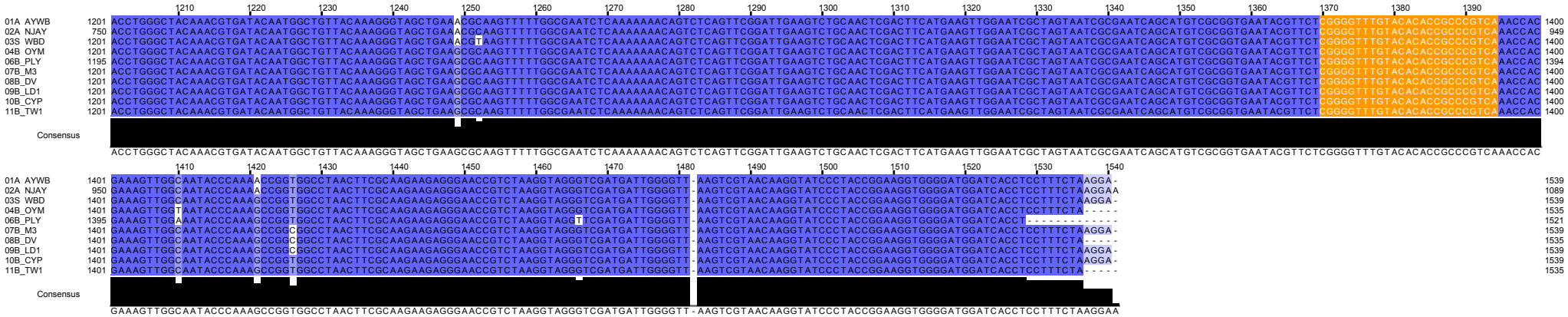
(E) RluA family pseudouridine synthase



(R) 16S ribosomal RNA




01A_AYWB
02A_NJAY
03S_WBD
04B_OYM
06B_PLY
07B_M3
08B_DV
09B_LD1
10B_CYP
11B_TW1
Consensus