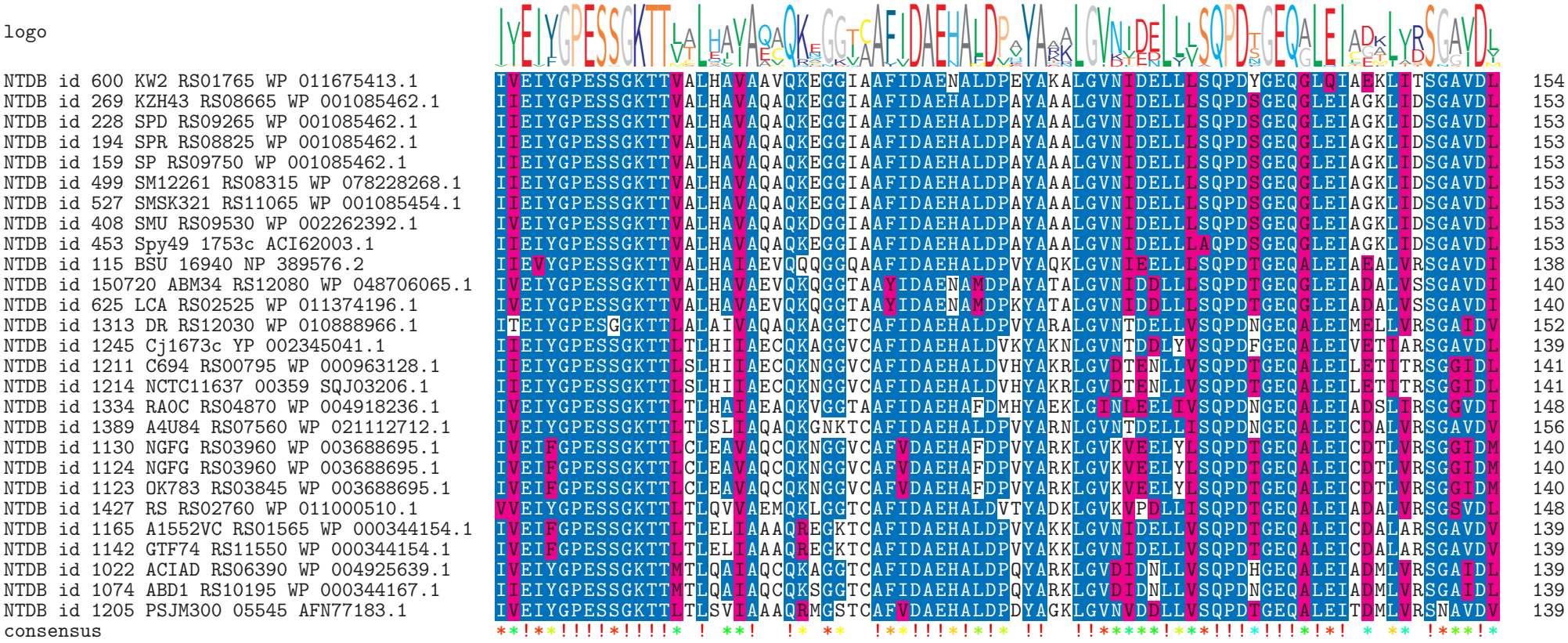
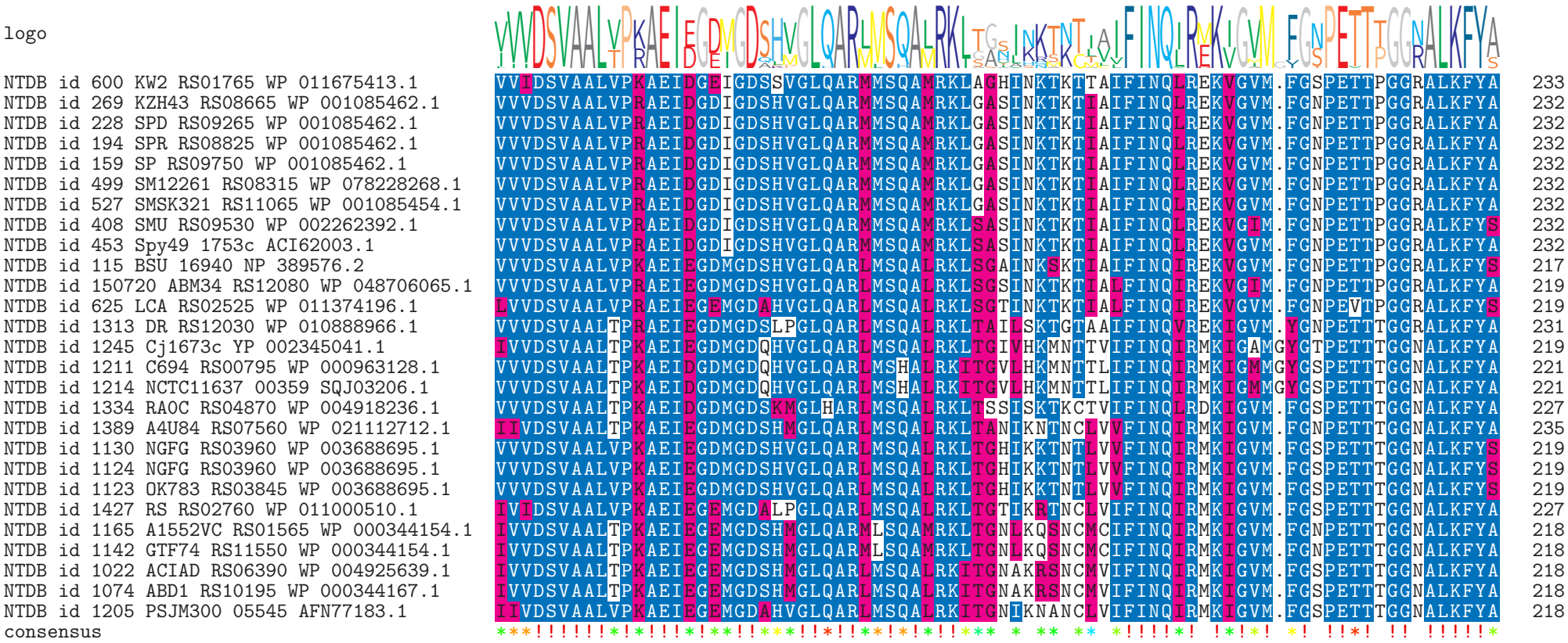
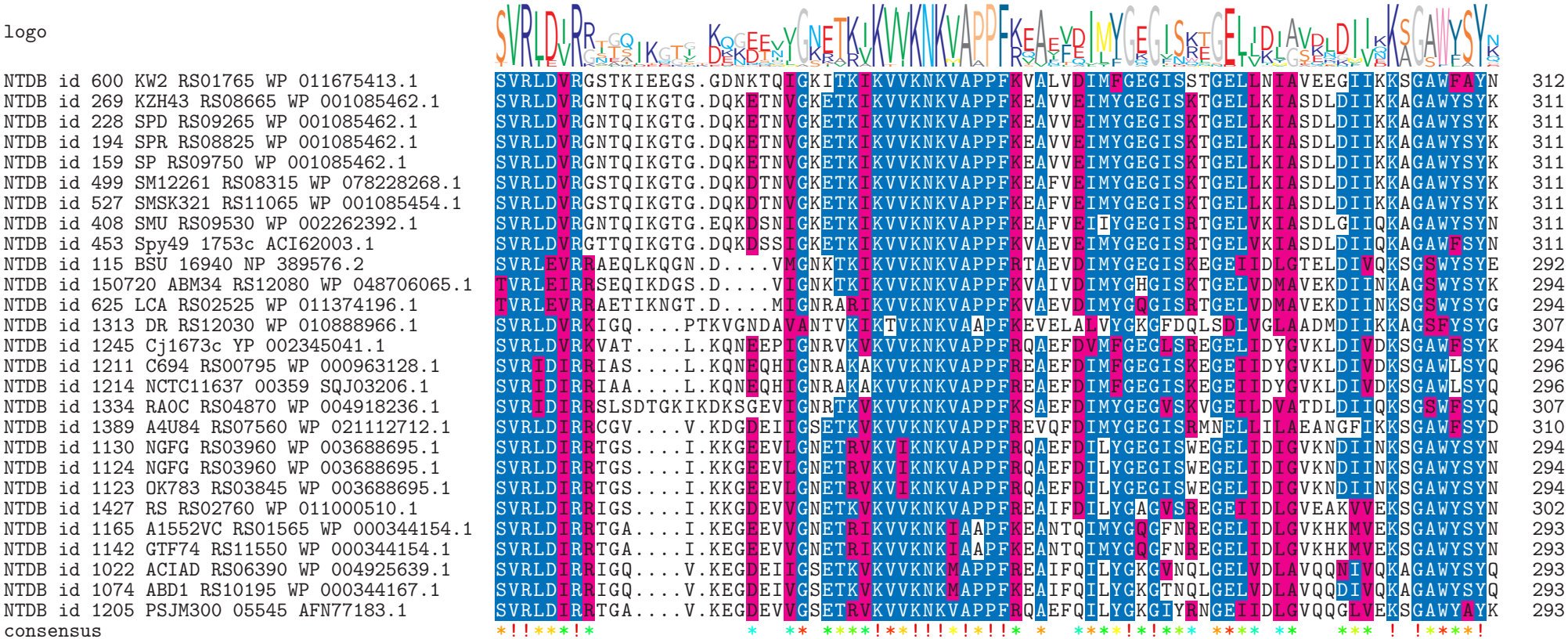



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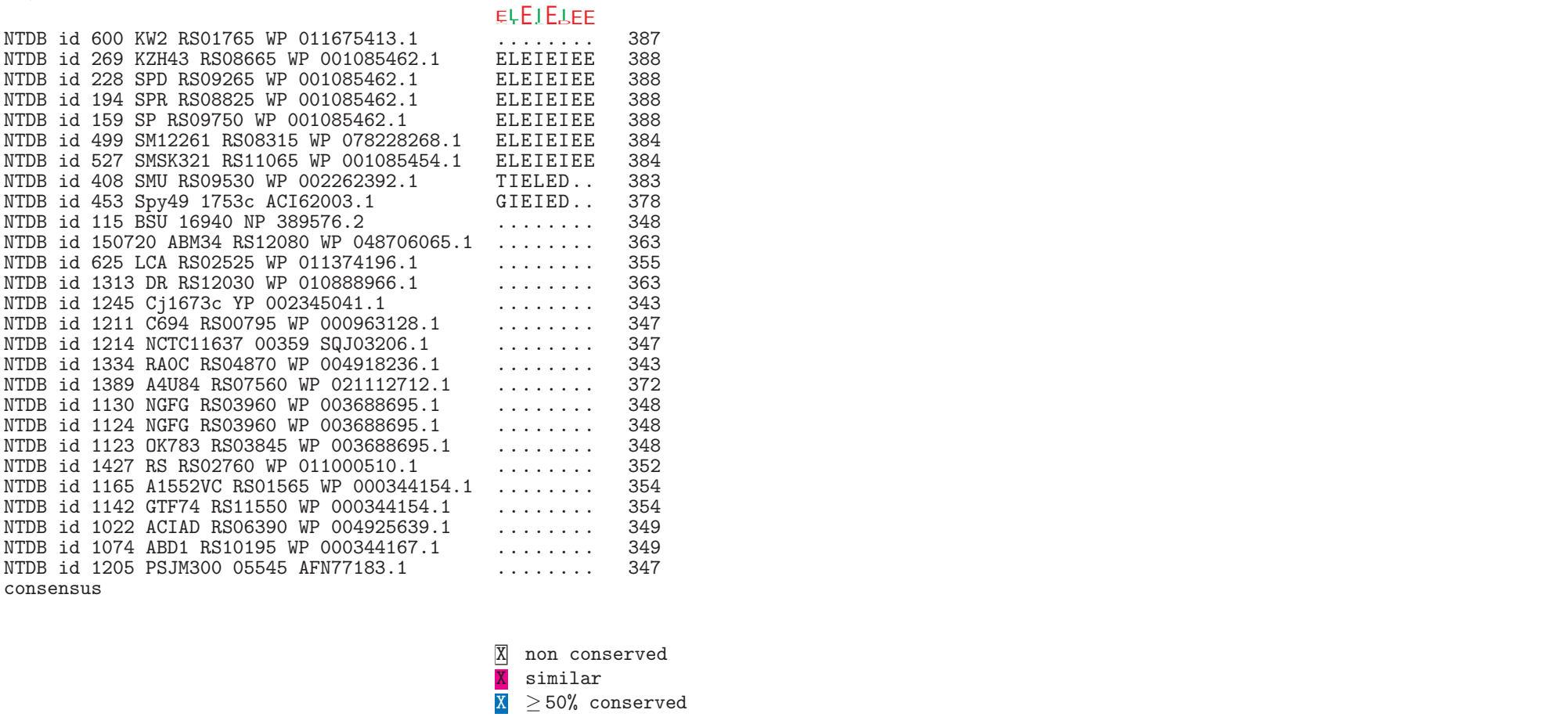

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NTDB id 453 Spy49 1753c ACI62003.1          GEKIGQGSENAKRYLADHPQLFDEIDRKVRVKFGLLEESEEESAMAVASE............E.......TDDLALDLDN  372
NTDB id 115 BSU 16940 NP 389576.2           EERLGQGRENAKQFLKENKDIMLMIQEQIREHYGLDNNGVVQQQAEETQEELEFEE.......................  348
NTDB id 150720 ABM34 RS12080 WP 048706065.1 DERIGQGRENAKTFLSENPEKMNEIMSEVRAAYNMDGQADEKKSEDDKKDTEKTADTTDSSNKTEEETK...........  363
NTDB id 625 LCA RS02525 WP 011374196.1      SERIGQGRENAKNYLADHEDVEDEVRLKVRAAYGISDVPEEDLPTTEDEQINILPDD.....STEE.............  355
NTDB id 1313 DR RS12030 WP 010888966.1      DERIGQGKEKTIAYIAERPEMEQEIRDRVMAAIRAGNAGEAPALAPAPAAPE.AAEA.....................  363
NTDB id 1245 Cj1673c YP 002345041.1         DKKLGQGRENSKAFLKENPEIADEITKAIQNSMGIEGMI.....SGSEDD...EGEE.....................  343
NTDB id 1211 C694 RS00795 WP 000963128.1    DKKLGQGRENAKALLKEDKALADEITLKIKESIGSNEEI.....MPLPDE...PLEEME.....................  347
NTDB id 1214 NCTC11637 00359 SQJ03206.1     DKKLGQGRENAKALLKEDKALADEITLKIKESIGSNEEI.....MPLPDE...PLEEME.....................  347
NTDB id 1334 RAOC RS04870 WP 004918236.1    DTKLGQGRDTVKELIKDNPELAEELEAKIREKLQAK.........................................  343
NTDB id 1389 A4U84 RS07560 WP 021112712.1   GTKIGQGKNNAVKWLKENPEIADKLEQEIRNTLASNPNS.....VLKATASD.SNDESDVEEFSEEE......L......  372
NTDB id 1130 NGFG RS03960 WP 003688695.1    GAKIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHI.....TEGTQDET.DGER......PEE.............  348
NTDB id 1124 NGFG RS03960 WP 003688695.1    GAKIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHI.....TEGTQDET.DGER......PEE.............  348
NTDB id 1123 OK783 RS03845 WP 003688695.1   GAKIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHI.....TEGTQDET.DGER......PEE.............  348
NTDB id 1427 RS RS02760 WP 011000510.1      GERIGQGRDNCREFLRENAELAREIENKVREHLGVTPMG.....AVTLA.EE.VEED.....................  352
NTDB id 1165 A1552VC RS01565 WP 000344154.1 GDKIGQGKANACKYLKENPEIAKTLDKKLREMLLNPENM.....QLIAETSS.AADDVEFGAVPEEF.............  354
NTDB id 1142 GTF74 RS11550 WP 000344154.1   GDKIGQGKANACKYLKENPEIAKTLDKKLREMLLNPENM.....QLIAETSS.AADDVEFGAVPEEF.............  354
NTDB id 1022 ACIAD RS06390 WP 004925639.1   GNKIGQGKNNVIRYLEENPQISTEIEAVIREQLLTKASD.....QTAA.HDE.TEEEPDLL..ES...............  349
NTDB id 1074 ABD1 RS10195 WP 000344167.1    GNKIGQGKNNVIRYFEENNQIAEEIERNIREQLLTTGTN.....GAVQ.I.E.DEEEPDLL..LES...............  349
NTDB id 1205 PSJM300 05545 AFN77183.1       GSKIGQGKANAAKYLEENPEIGQEIEQQIRAKLLVTSAN.....TKATPVAE.DLADADI.....................  347
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NTDB id 600 KW2 RS01765 WP 011675413.1 387
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NTDB id 1245 Cj1673c YP 002345041.1 343
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NTDB id 1130 NGFG RS03960 WP 003688695.1 348
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NTDB id 1123 OK783 RS03845 WP 003688695.1 348
NTDB id 1427 RS RS02760 WP 011000510.1 352
NTDB id 1165 A1552VC RS01565 WP 000344154.1 354
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NTDB id 1022 ACIAD RS06390 WP 004925639.1 349
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consensus
X non conserved
X similar
X ≥ 50% conserved