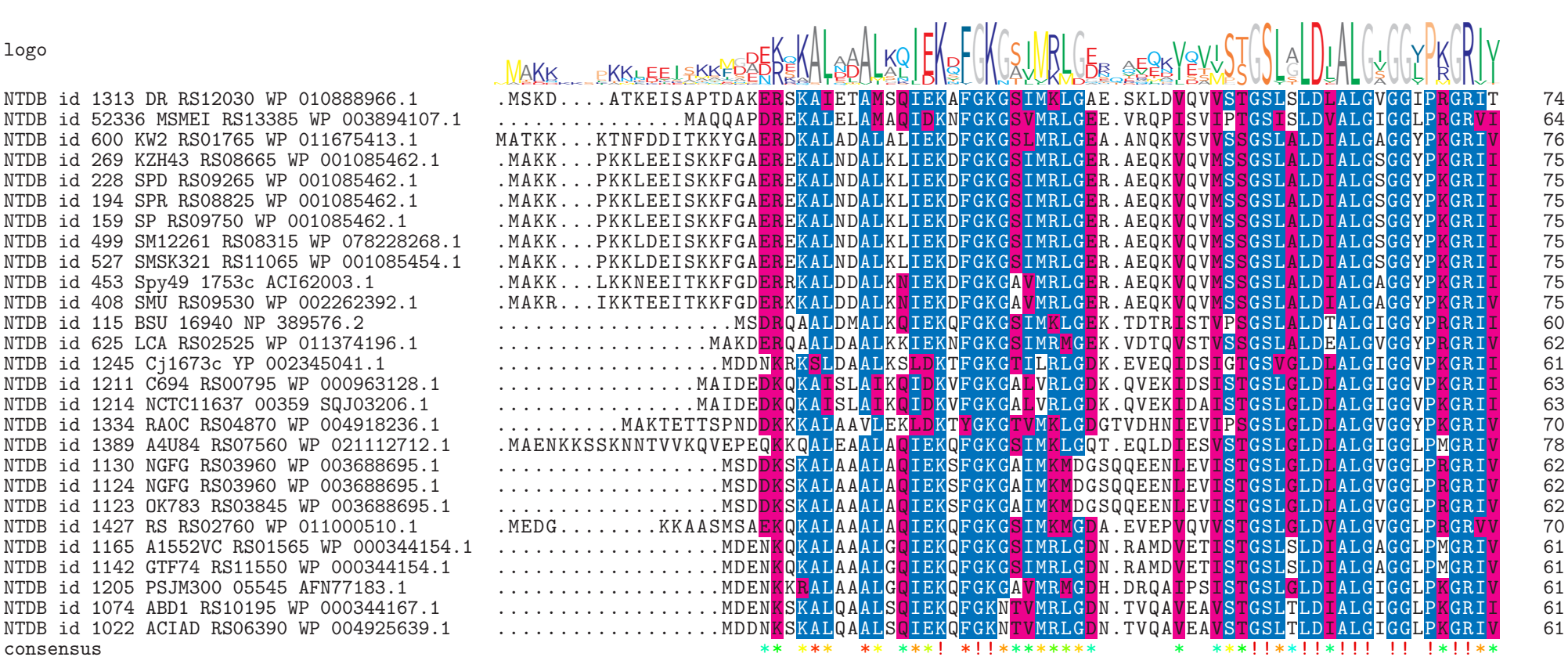
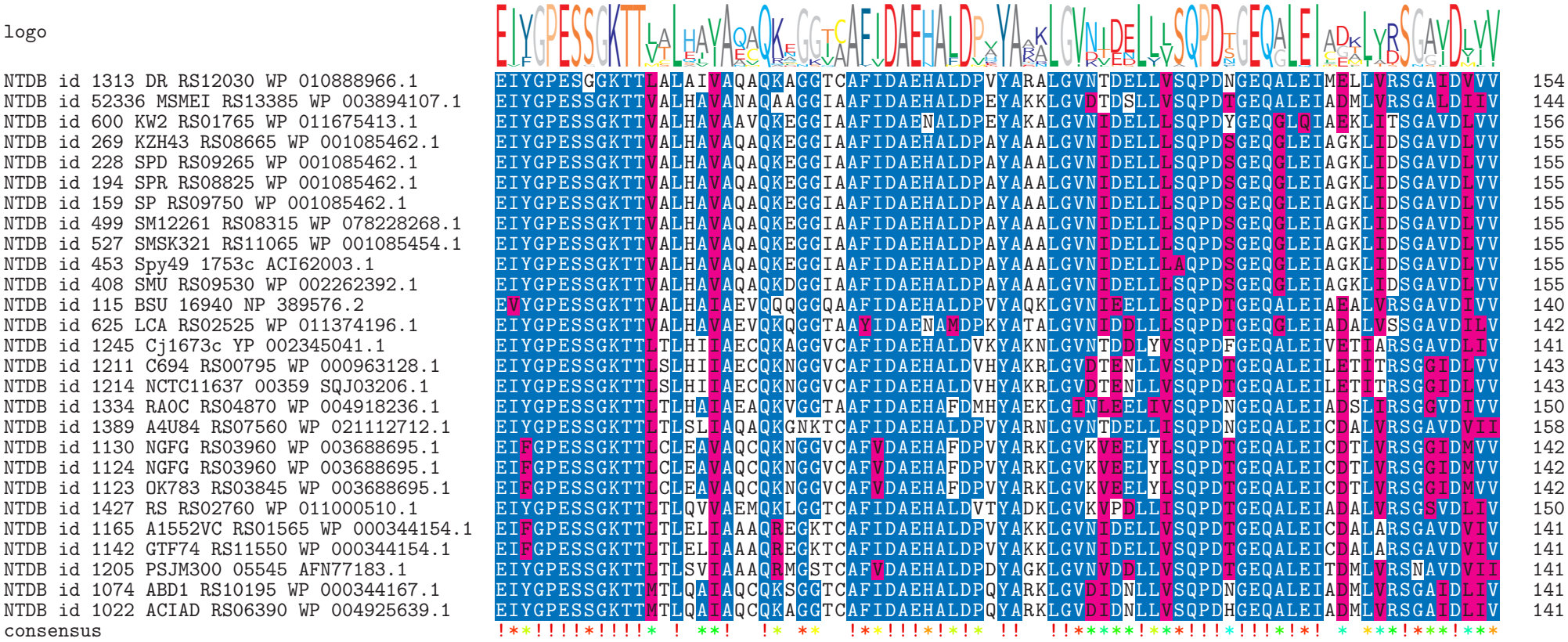
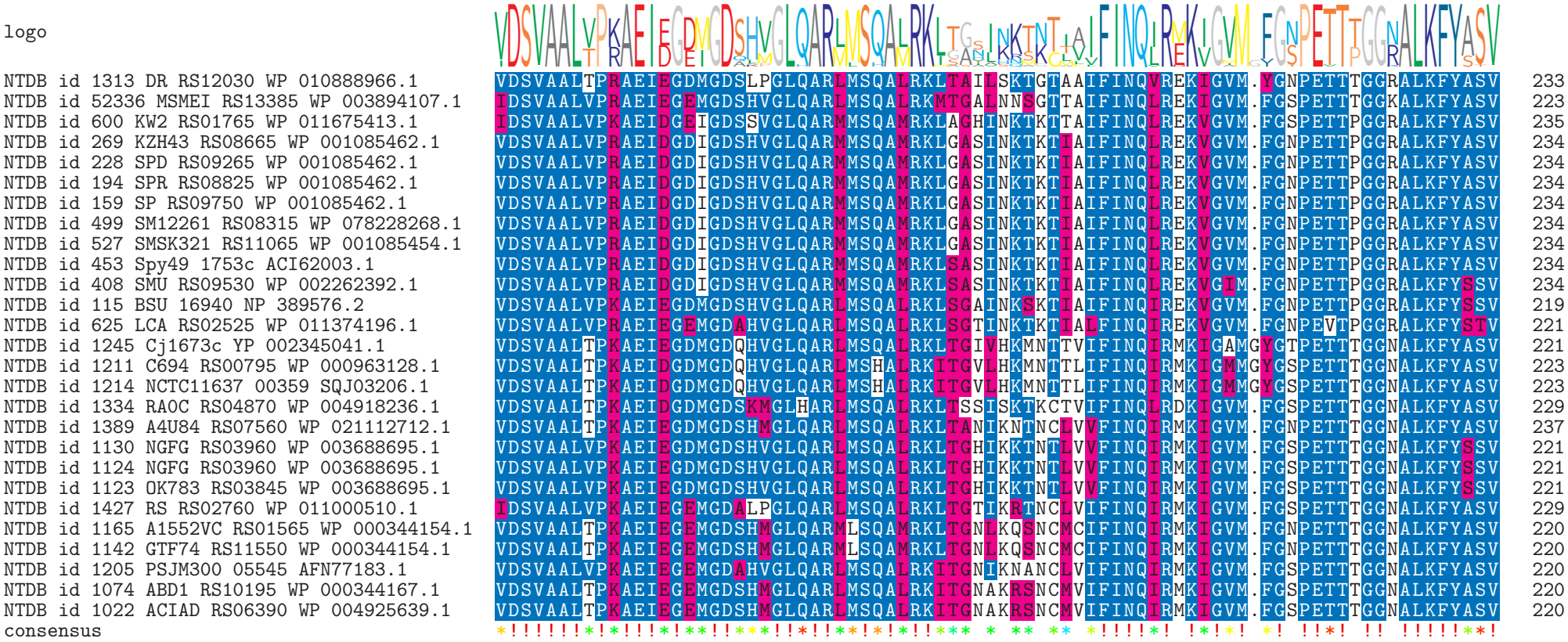
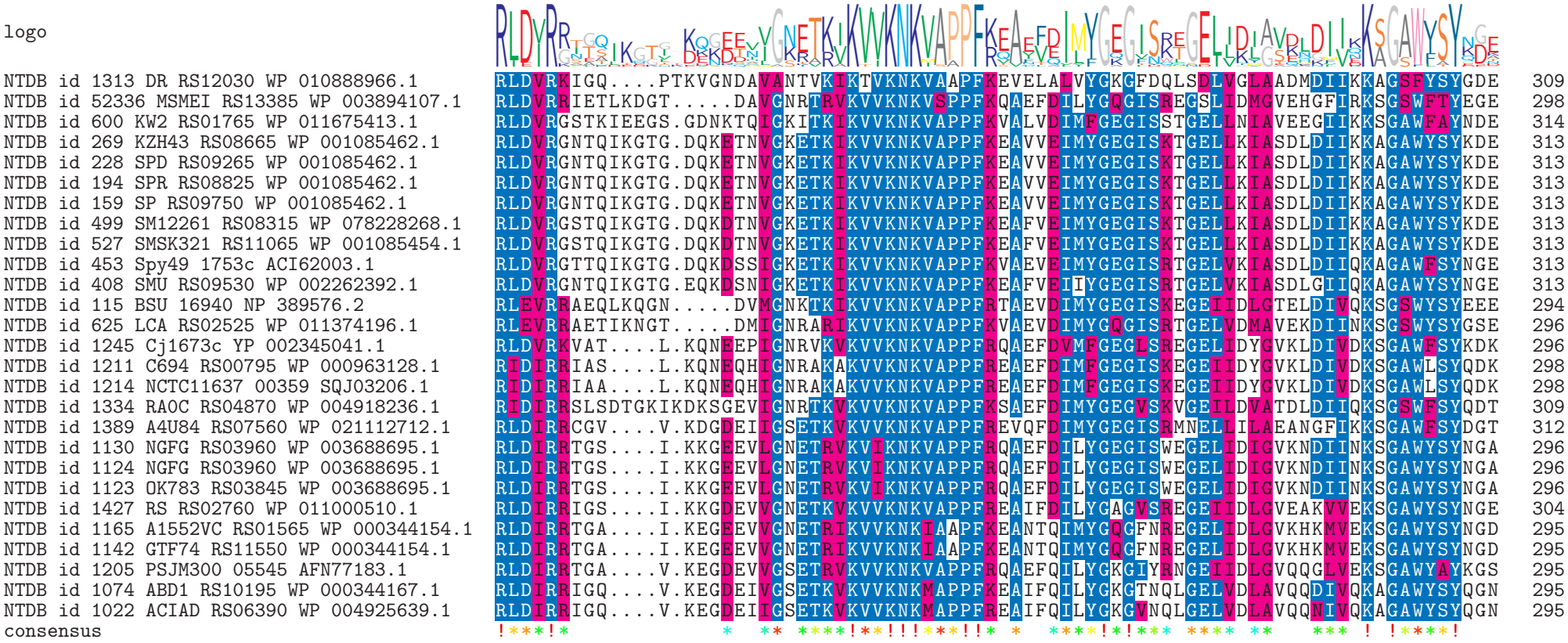

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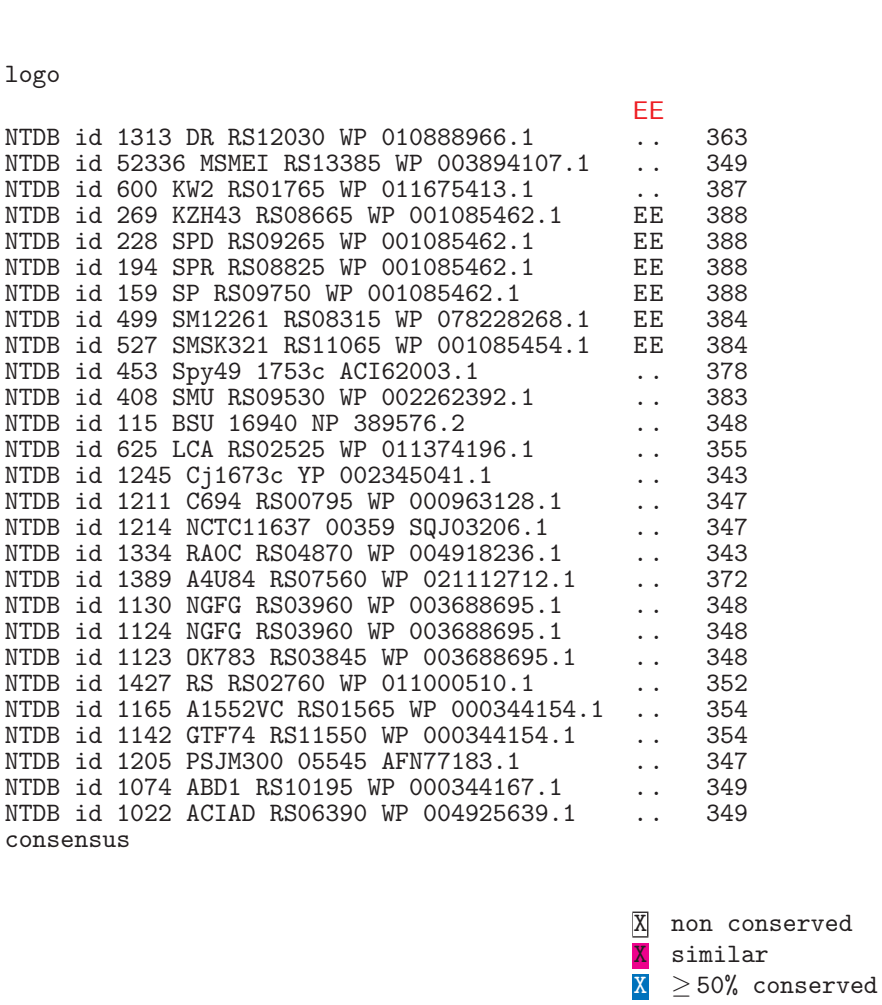

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consensus




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NTDB id 159 SP RS09750 WP 001085462.1       KIGQGSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE.....PKKEEA..VNEEVPLDLGDELEIEI  386
NTDB id 499 SM12261 RS08315 WP 078228268.1  KIGQGSENAKKYLADNPEIFDEIDHQVRVQFGLIDGEEIAES....KKDE.....AAQVDS..VNEEVTLDLGDELEIEI  382
NTDB id 527 SMSK321 RS11065 WP 001085454.1  KIGQGSENAKKYLADNPEVFAEIDHQVRVQFGLIDGEEAAES....KKDE.....VAQVDS..VNEEVTLDLGDELEIEI  382
NTDB id 453 Spy49 1753c ACI62003.1          KIGQGSENAKRYLADHPQLFDEIDRKVRVKFGLLEESEEESAMAVASE........E.......TDDLALDLDNGIEIED  378
NTDB id 408 SMU RS09530 WP 002262392.1      KIGQGSENAKKFLADNPEIFDDIDHKVRVQYGLIEEDNTEEKQSSKEK........ETDEK..ADKNLVLELDDTIELED  383
NTDB id 115 BSU 16940 NP 389576.2           RLGQGRENAKQFLKENKDIMLMIQEQIREHYGLDNNGVVQQQAEETQEEL..EFE.E.....................  348
NTDB id 625 LCA RS02525 WP 011374196.1      RIGQGRENAKNYLADHEDVEDEVRLKVRAAYGISDVPEEDLPTTEDE.QI..NILPDDST.....EE.............  355
NTDB id 1245 Cj1673c YP 002345041.1         KLGQGRENSKAFLKENPEIADEITKAIQNSMGIEGMISGSEDDE..GEE.....................................  343
NTDB id 1211 C694 RS00795 WP 000963128.1    KLGQGRENAKALLKEDKALADEITLKIKESIGSNEEIMPLPDEP..LEEME.....................................  347
NTDB id 1214 NCTC11637 00359 SQJ03206.1     KLGQGRENAKALLKEDKALADEITLKIKESIGSNEEIMPLPDEP..LEEME.....................................  347
NTDB id 1334 RAOC RS04870 WP 004918236.1    KLGQGRDTVKELIKDNPELAEELEAKIREKLQAK.....................................................  343
NTDB id 1389 A4U84 RS07560 WP 021112712.1   KIGQGKNNAVKWLKENPEIADKLEQEIRNTLASNPNSVLKATASDSNDESDVEEFSE........EEL.............  372
NTDB id 1130 NGFG RS03960 WP 003688695.1    KIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGTQDET......DGERPE........E.............  348
NTDB id 1124 NGFG RS03960 WP 003688695.1    KIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGTQDET......DGERPE........E.............  348
NTDB id 1123 OK783 RS03845 WP 003688695.1   KIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGTQDET......DGERPE........E.............  348
NTDB id 1427 RS RS02760 WP 011000510.1      RIGQGRDNCREFLRENAELAREIENKVREHLGVTPMGAVTLA.EEVEED.....................................  352
NTDB id 1165 A1552VC RS01565 WP 000344154.1 KIGQGKANACKYLKENPEIAKTLDKKLREMLLNPENMQLIAETSSAADDVEFGAVPE........EF.............  354
NTDB id 1142 GTF74 RS11550 WP 000344154.1   KIGQGKANACKYLKENPEIAKTLDKKLREMLLNPENMQLIAETSSAADDVEFGAVPE........EF.............  354
NTDB id 1205 PSJM300 05545 AFN77183.1       KIGQGKANAAKYLEENPEIGQEIEQQIRAKLLVTSANTKATPVAEDLADAD..I.........................  347
NTDB id 1074 ABD1 RS10195 WP 000344167.1    KIGQGKNNVIRYFEENNQIAEEIERNIREQLLTTGTNGAVQ.I.EDEEEPD..LLLE........S.............  349
NTDB id 1022 ACIAD RS06390 WP 004925639.1   KIGQGKNNVIRYLEENPQISTEIEAVIREQLLTKASDQTAA.HDETEEEPD..LLES.....................  349
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NTDB id 1313 DR RS12030 WP 010888966.1 .. 363
NTDB id 52336 MSMEI RS13385 WP 003894107.1 .. 349
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NTDB id 269 KZH43 RS08665 WP 001085462.1 EE 388
NTDB id 228 SPD RS09265 WP 001085462.1 EE 388
NTDB id 194 SPR RS08825 WP 001085462.1 EE 388
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NTDB id 499 SM12261 RS08315 WP 078228268.1 EE 384
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consensus
X non conserved
X similar
X ≥ 50% conserved