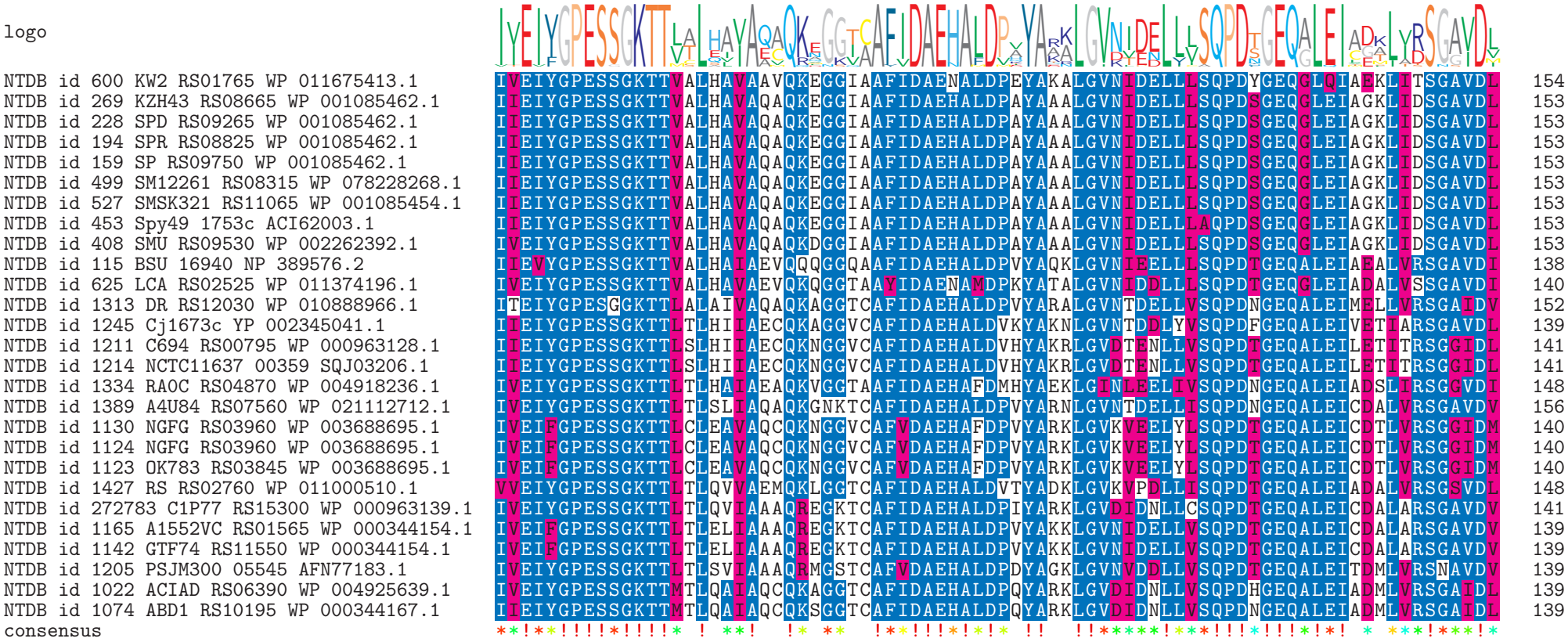
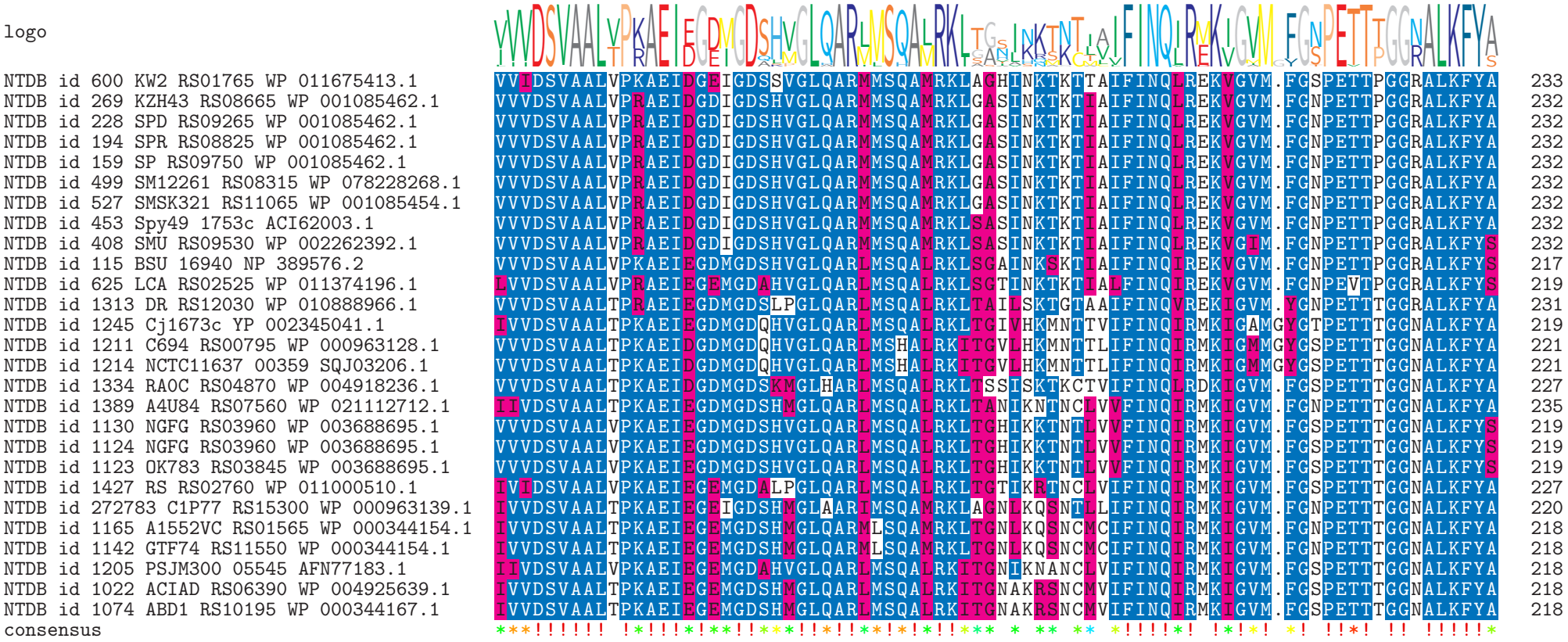
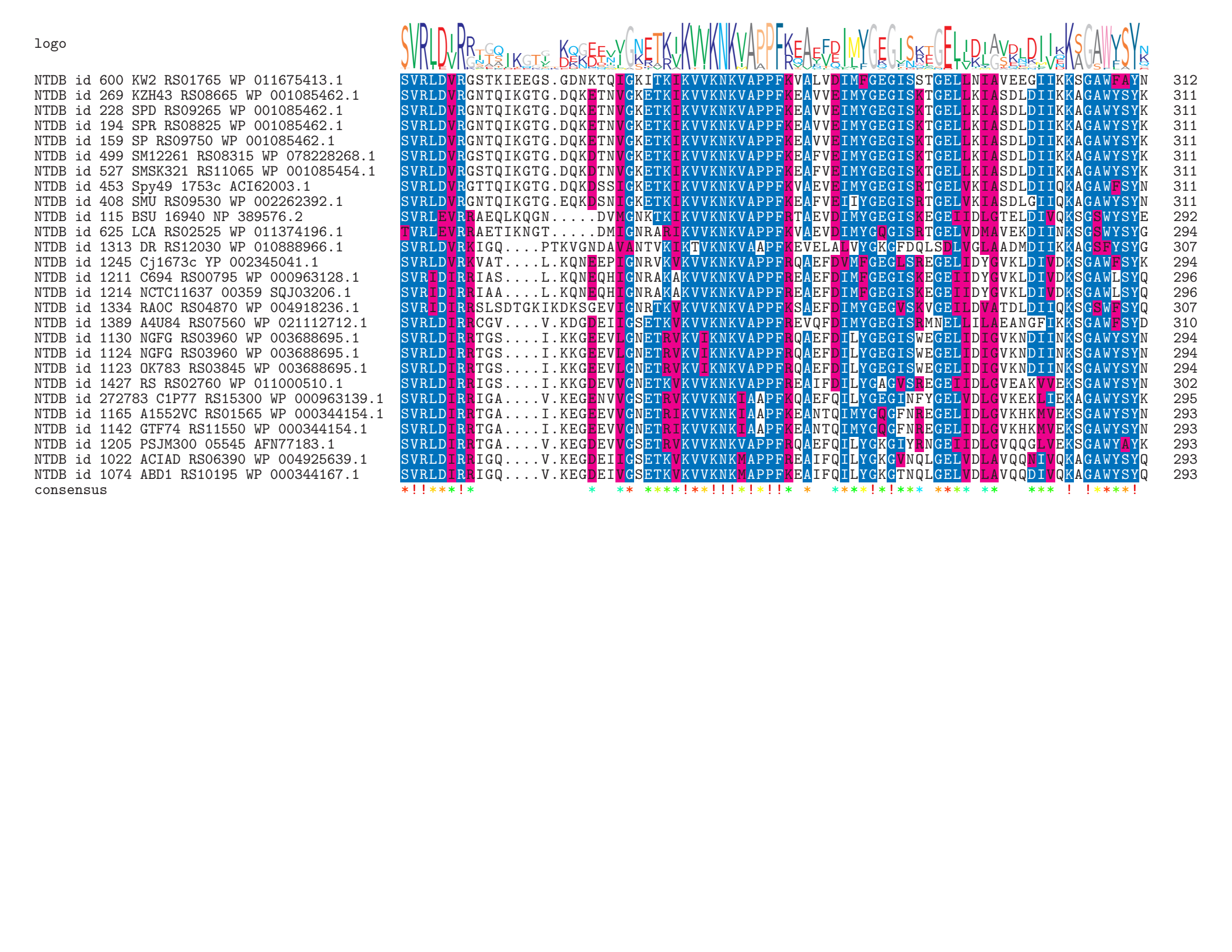



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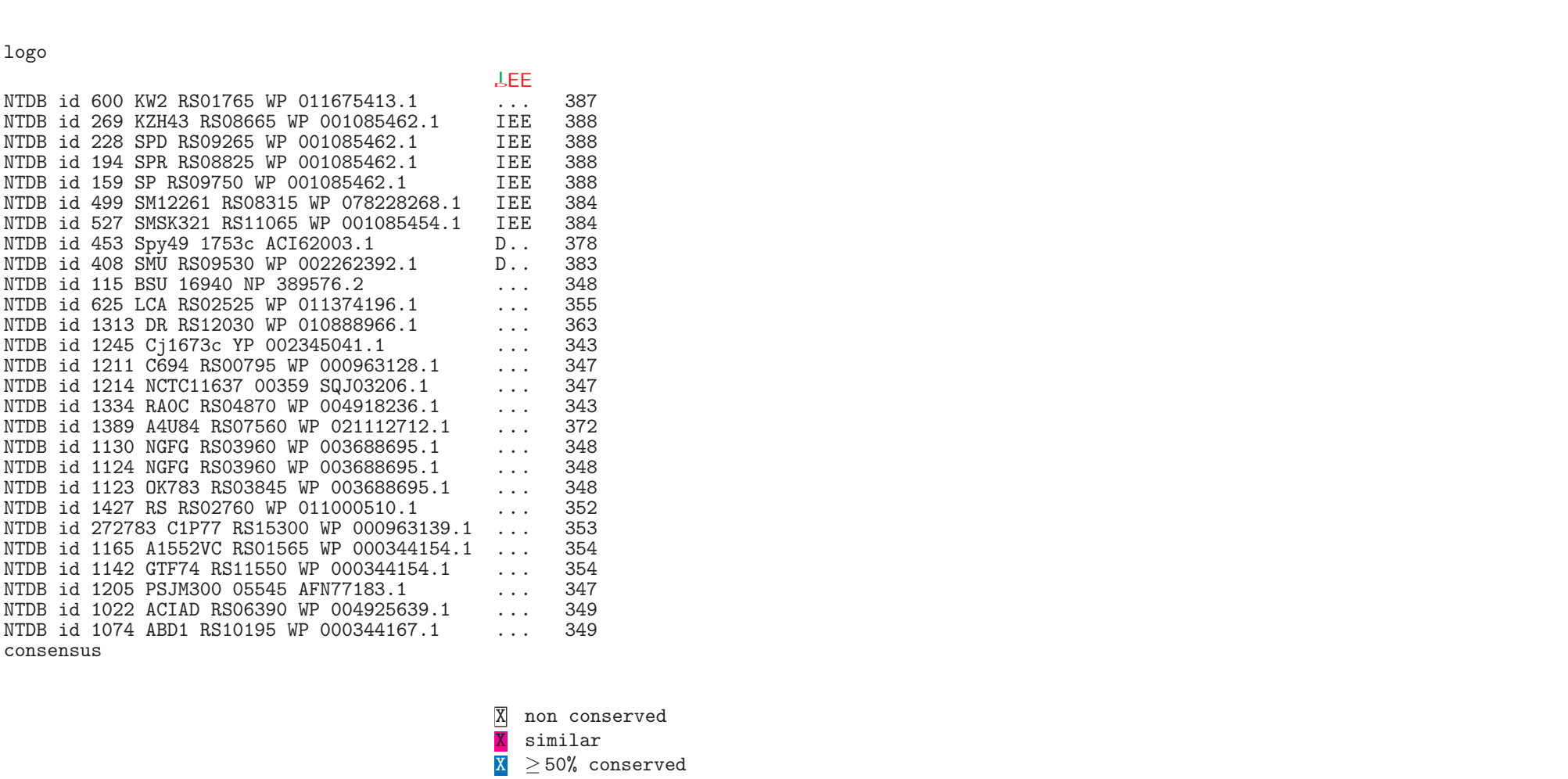

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consensus


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NTDB id 408 SMU RS09530 WP 002262392.1      GEKIGQGSENAKKFLADNPEIFDDIDHKVRVQYGLIEEDNTEEKQSSKEK.......ETDEK..ADKNLVLELDDTIELE  382
NTDB id 115 BSU 16940 NP 389576.2           EERLGQGRENAKQFLKENKDIMLMIQEQIREHYGLDNNGVVQQQAEETQEEL.EFE.E.....................  348
NTDB id 625 LCA RS02525 WP 011374196.1      SERIGQGRENAKNYLADHEDVEDEVRLKVRAAYGISDVPEEDLPTTEDE.QI.NILPDDST.....EE.............  355
NTDB id 1313 DR RS12030 WP 010888966.1      DERIGQGKEKTIAYIAERPEMEQEIRDRVMAAIRAGNAGEAPALAPAPAAPEAA...EA.....................  363
NTDB id 1245 Cj1673c YP 002345041.1         DKKLGQGRENSKAFLKENPEIADEITKAIQNSMGIEGM.....ISGSEDDEG.......EE...................  343
NTDB id 1211 C694 RS00795 WP 000963128.1    DKKLGQGRENAKALLKEDKALADEITLKIKESIGSNEE.....IMPLPDEPL.......EEME.................  347
NTDB id 1214 NCTC11637 00359 SQJ03206.1     DKKLGQGRENAKALLKEDKALADEITLKIKESIGSNEE.....IMPLPDEPL.......EEME.................  347
NTDB id 1334 RA0C RS04870 WP 004918236.1    DTKLGQGRDTVKELIKDNPELAEELEAKIREKLQAK.....................................  343
NTDB id 1389 A4U84 RS07560 WP 021112712.1   GTKIGQGKNNAVKWLKENPEIADKLEQEIRNTLASNPN.....SVLKATASDSN...DESDVEEFSEEEL.........  372
NTDB id 1130 NGFG RS03960 WP 003688695.1    GAKIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMH.....ITEG......T...QDETDGERPEE...........  348
NTDB id 1124 NGFG RS03960 WP 003688695.1    GAKIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMH.....ITEG......T...QDETDGERPEE...........  348
NTDB id 1123 OK783 RS03845 WP 003688695.1   GAKIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMH.....ITEG......T...QDETDGERPEE...........  348
NTDB id 1427 RS RS02760 WP 011000510.1      GERIGQGRDNCREFLRENAELAREIENKVREHLGVTPM.....GAVTLAEE.VE...ED.....................  352
NTDB id 272783 C1P77 RS15300 WP 000963139.1 GEKIGQGKANATAWLKDNPETAKEIEKKVRELLLSNPN.....STPDFSV...D...DSEGVAETNEDF..........  353
NTDB id 1165 A1552VC RS01565 WP 000344154.1 GDKIGQGKANACKYLKENPEIAKTLDKKLREMLLNPEN.....MQLIAETSSAA...DDVEFGAVPEEF..........  354
NTDB id 1142 GTF74 RS11550 WP 000344154.1   GDKIGQGKANACKYLKENPEIAKTLDKKLREMLLNPEN.....MQLIAETSSAA...DDVEFGAVPEEF..........  354
NTDB id 1205 PSJM300 05545 AFN77183.1       GSKIGQGKANAAKYLEENPEIGQEIEQQIRAKLLVTSA.....NTKATPVAEDL...ADADI.................  347
NTDB id 1022 ACIAD RS06390 WP 004925639.1   GNKIGQGKNNVIRYLEENPQISTEIEAVIREQLLTKAS.....DQTAA.HDETE...EEPDLLES..............  349
NTDB id 1074 ABD1 RS10195 WP 000344167.1    GNKIGQGKNNVIRYFEENNQIAEEIERNIREQLLTTGT.....NGAVQ.I.EDE...EEPDLLLES.............  349
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NTDB id 600 KW2 RS01765 WP 011675413.1 ... 387
NTDB id 269 KZH43 RS08665 WP 001085462.1 IEE 388
NTDB id 228 SPD RS09265 WP 001085462.1 IEE 388
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NTDB id 499 SM12261 RS08315 WP 078228268.1 IEE 384
NTDB id 527 SMSK321 RS11065 WP 001085454.1 IEE 384
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consensus
X non conserved
X similar
X ≥ 50% conserved