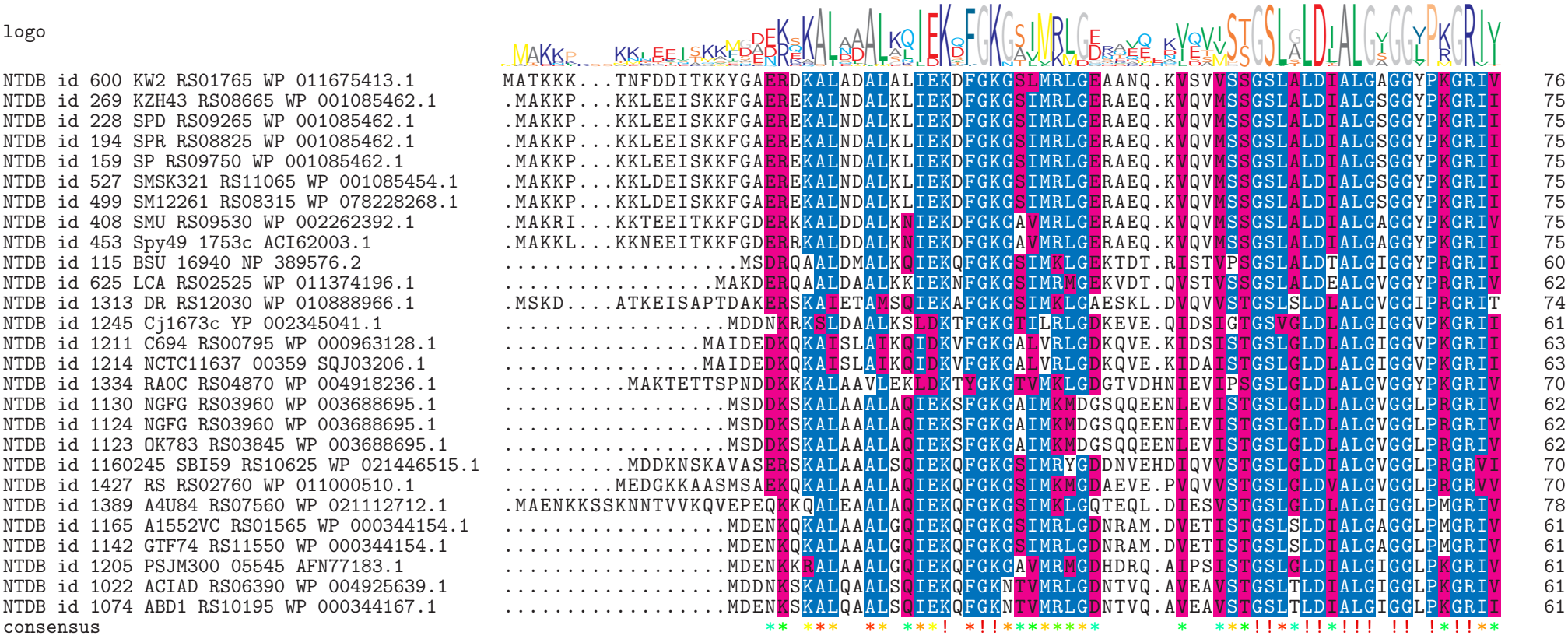
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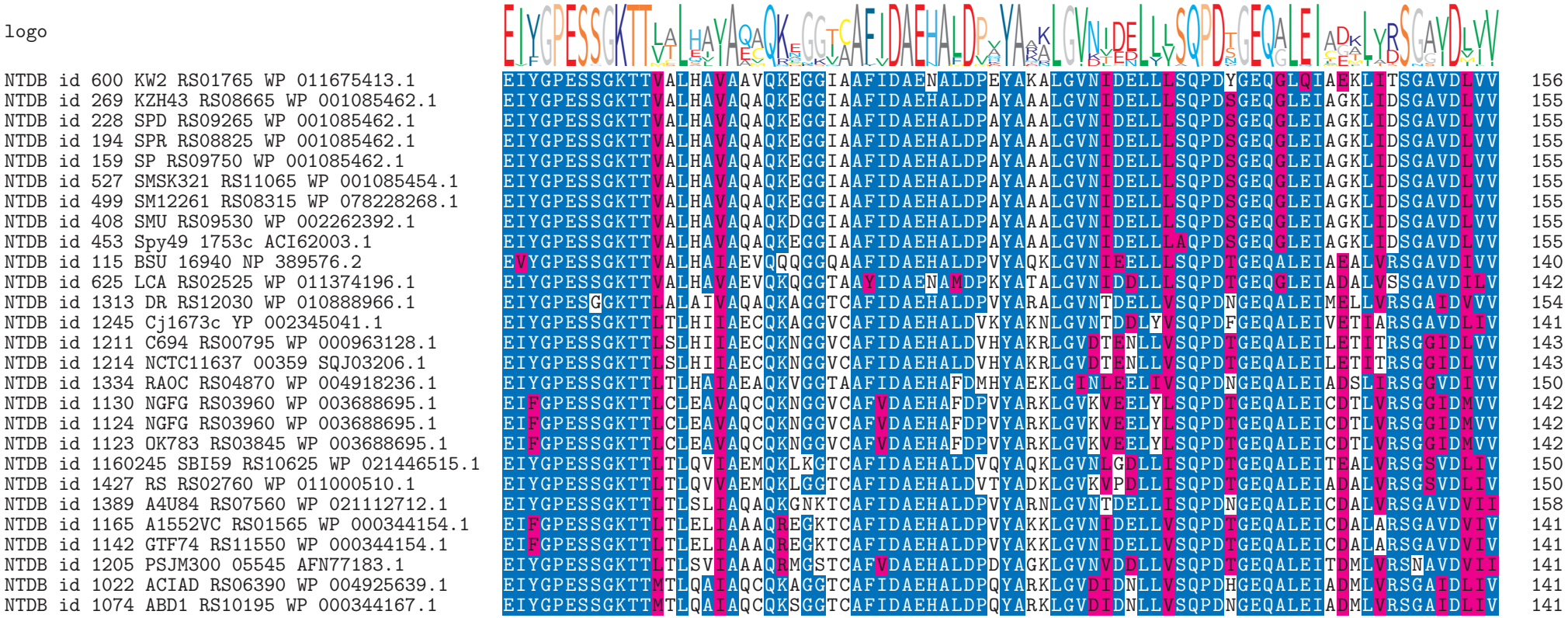
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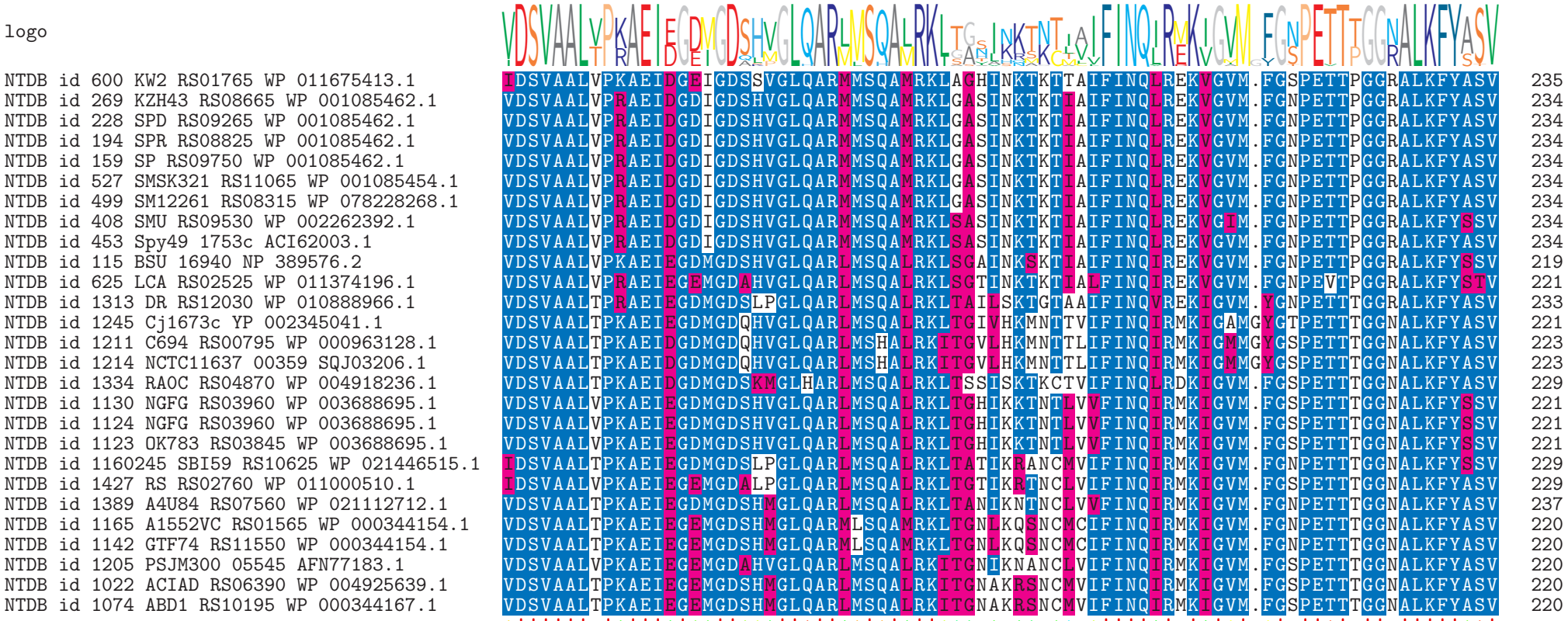
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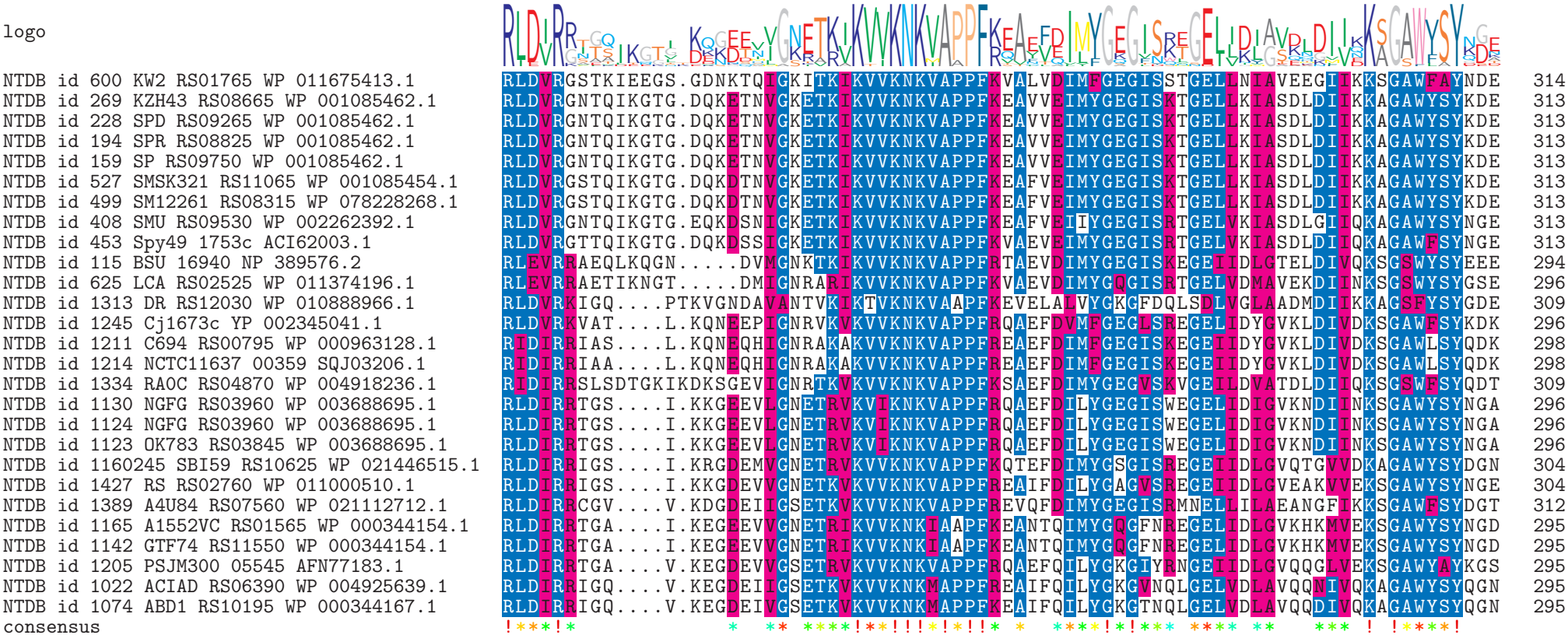
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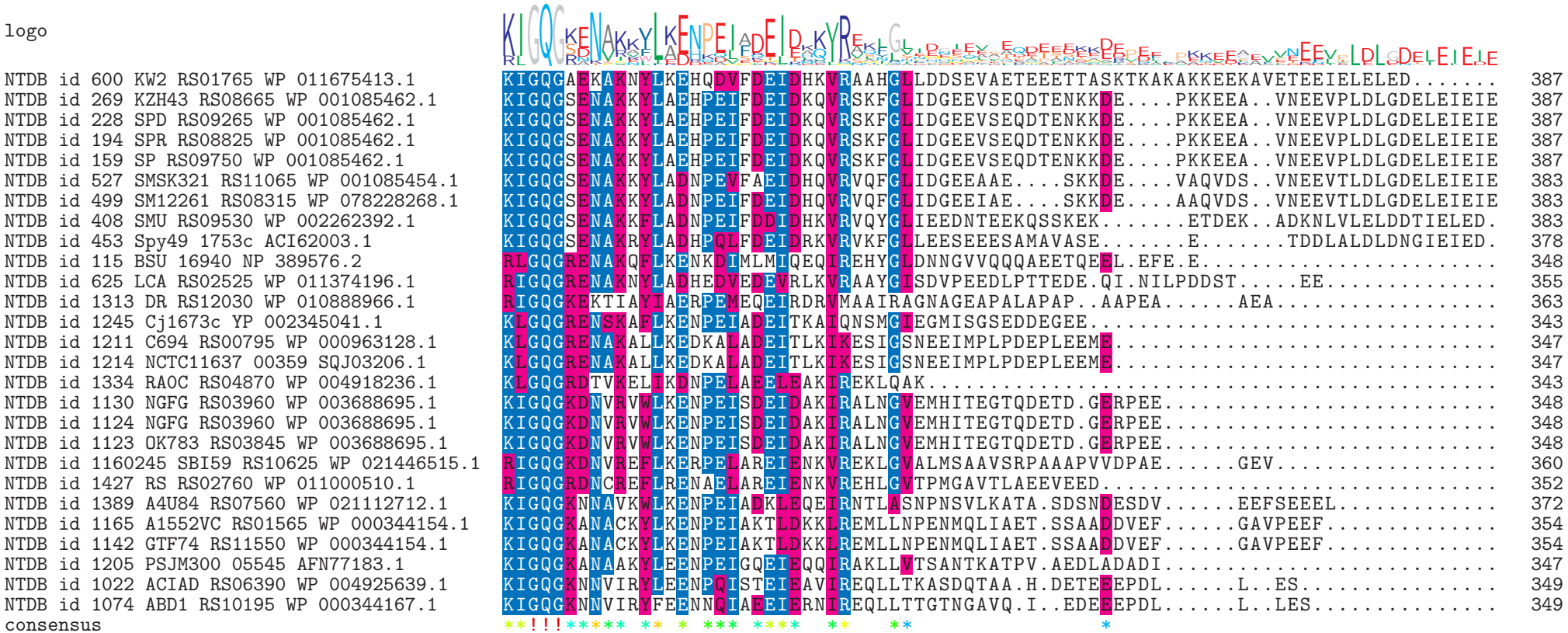
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NTDB id 499 SM12261 RS08315 WP 078228268.1 KIGQGSENAKKYLADNPEIFDEIDHQVRVQFGLIDGEEIAE....SKKDE....AAQVDS..VNEEVTLDLGDELEIEIE 383
NTDB id 408 SMU RS09530 WP 002262392.1 KIGQGSENAKKFLADNPEIFDDIDHKVRVQYGLIEEDNTEEKQSSKEK.......ETDEK..ADKNLVLELDDTIELED. 383
NTDB id 453 Spy49 1753c ACI62003.1 KIGQGSENAKRYLADHPQLFDEIDRKVRVKFGLLEESEEESAMAVASE.......E.......TDDLALDLDNGIEIED. 378
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 1313 DR RS12030 WP 010888966.1 RIGQGKEKTIAYIAERPEMEQEIRDRVMAAIRAGNAGEAPALAPAP..AAPEA......AEA..... 363
NTDB id 1245 Cj1673c YP 002345041.1 KLGQGRENSKAFLKENPEIADEITKAIQNSMGIEGMISGSEDDEGEE..... 343
NTDB id 1211 C694 RS00795 WP 000963128.1 KLGQGRENAKALLKEDKALADEITLKIKESIGSNEEIMPLPDEPLEEME..... 347
NTDB id 1214 NCTC11637 00359 SQJ03206.1 KLGQGRENAKALLKEDKALADEITLKIKESIGSNEEIMPLPDEPLEEME..... 347
NTDB id 1334 RAOC RS04870 WP 004918236.1 KLGQGRDTVKELIKDNPELAEELEAKIREKLQAK..... 343
NTDB id 1130 NGFG RS03960 WP 003688695.1 KIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGTQDETD.GERPEE..... 348
NTDB id 1124 NGFG RS03960 WP 003688695.1 KIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGTQDETD.GERPEE..... 348
NTDB id 1123 OK783 RS03845 WP 003688695.1 KIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGTQDETD.GERPEE..... 348
NTDB id 1160245 SBI59 RS10625 WP 021446515.1 RIGQGKDNVREFLKERPELAREIENKVREKLGVALMSAAVSRPAAAPVVDPAE......GEV..... 360
NTDB id 1427 RS RS02760 WP 011000510.1 RIGQGRDNCREFLRENAELAREIENKVREHLGVTPMGAVTLAEEVEED..... 352
NTDB id 1389 A4U84 RS07560 WP 021112712.1 KIGQGKNNAVKWLKENPEIADKLEQEIRNTLASNPNSVLKATA.SDSNDESDV......EEFSEEEL..... 372
NTDB id 1165 A1552VC RS01565 WP 000344154.1 KIGQGKANACKYLKENPEIAKTLDKKLREMLLNPENMQLIAET.SSAADDVEF......GAVPEEF..... 354
NTDB id 1142 GTF74 RS11550 WP 000344154.1 KIGQGKANACKYLKENPEIAKTLDKKLREMLLNPENMQLIAET.SSAADDVEF......GAVPEEF..... 354
NTDB id 1205 PSJM300 05545 AFN77183.1 KIGQGKANAAKYLEENPEIGQEIEQQIRAKLLVTSANTKATPV.AEDLADADI..... 347
NTDB id 1022 ACIAD RS06390 WP 004925639.1 KIGQGKNNVIRYLEENPQISTEIEAVIREQLLTKASDQTAA.H.DETEEEPDL......L..ES..... 349
NTDB id 1074 ABD1 RS10195 WP 000344167.1 KIGQGKNNVIRYFEENNQIAEEIERNIREQLLTTGTNGAVQ.I..EDEEEPDL......L..LES..... 349
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logo
                                                E
NTDB id 600 KW2 RS01765 WP 011675413.1          .   387
NTDB id 269 KZH43 RS08665 WP 001085462.1        E   388
NTDB id 228 SPD RS09265 WP 001085462.1          E   388
NTDB id 194 SPR RS08825 WP 001085462.1          E   388
NTDB id 159 SP RS09750 WP 001085462.1           E   388
NTDB id 527 SMSK321 RS11065 WP 001085454.1      E   384
NTDB id 499 SM12261 RS08315 WP 078228268.1      E   384
NTDB id 408 SMU RS09530 WP 002262392.1          .   383
NTDB id 453 Spy49 1753c ACI62003.1              .   378
NTDB id 115 BSU 16940 NP 389576.2               .   348
NTDB id 625 LCA RS02525 WP 011374196.1          .   355
NTDB id 1313 DR RS12030 WP 010888966.1          .   363
NTDB id 1245 Cj1673c YP 002345041.1             .   343
NTDB id 1211 C694 RS00795 WP 000963128.1        .   347
NTDB id 1214 NCTC11637 00359 SQJ03206.1         .   347
NTDB id 1334 RA0C RS04870 WP 004918236.1        .   343
NTDB id 1130 NGFG RS03960 WP 003688695.1        .   348
NTDB id 1124 NGFG RS03960 WP 003688695.1        .   348
NTDB id 1123 OK783 RS03845 WP 003688695.1       .   348
NTDB id 1160245 SBI59 RS10625 WP 021446515.1    .   360
NTDB id 1427 RS RS02760 WP 011000510.1          .   352
NTDB id 1389 A4U84 RS07560 WP 021112712.1       .   372
NTDB id 1165 A1552VC RS01565 WP 000344154.1     .   354
NTDB id 1142 GTF74 RS11550 WP 000344154.1       .   354
NTDB id 1205 PSJM300 05545 AFN77183.1           .   347
NTDB id 1022 ACIAD RS06390 WP 004925639.1       .   349
NTDB id 1074 ABD1 RS10195 WP 000344167.1        .   349
consensus
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X non conserved
X similar
X $\geq$ 50% conserved