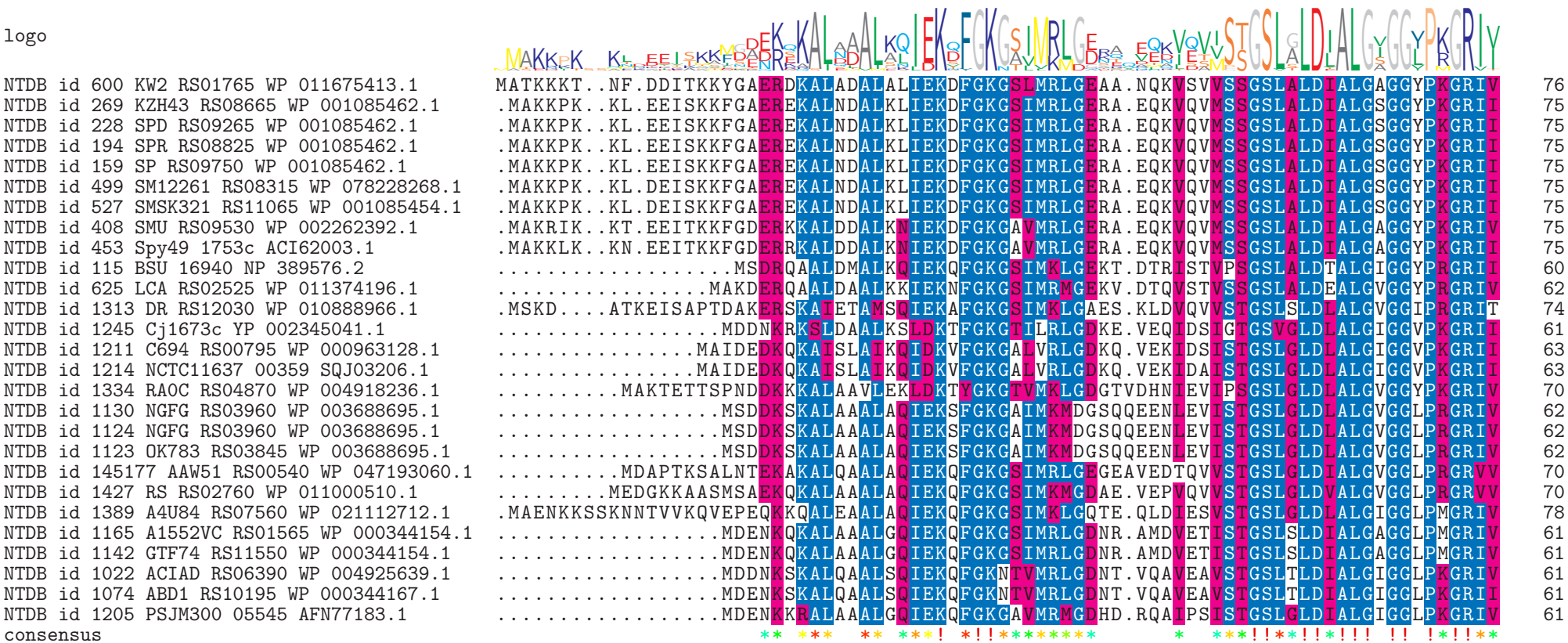
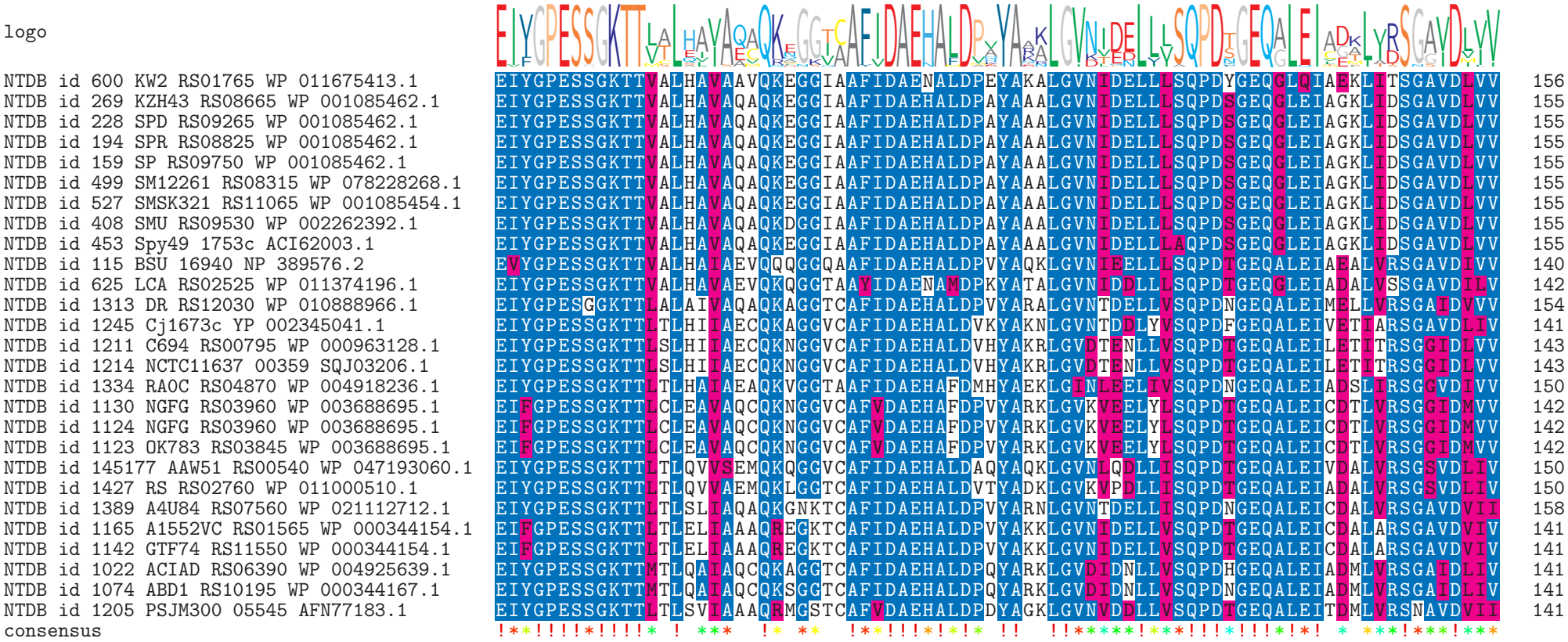
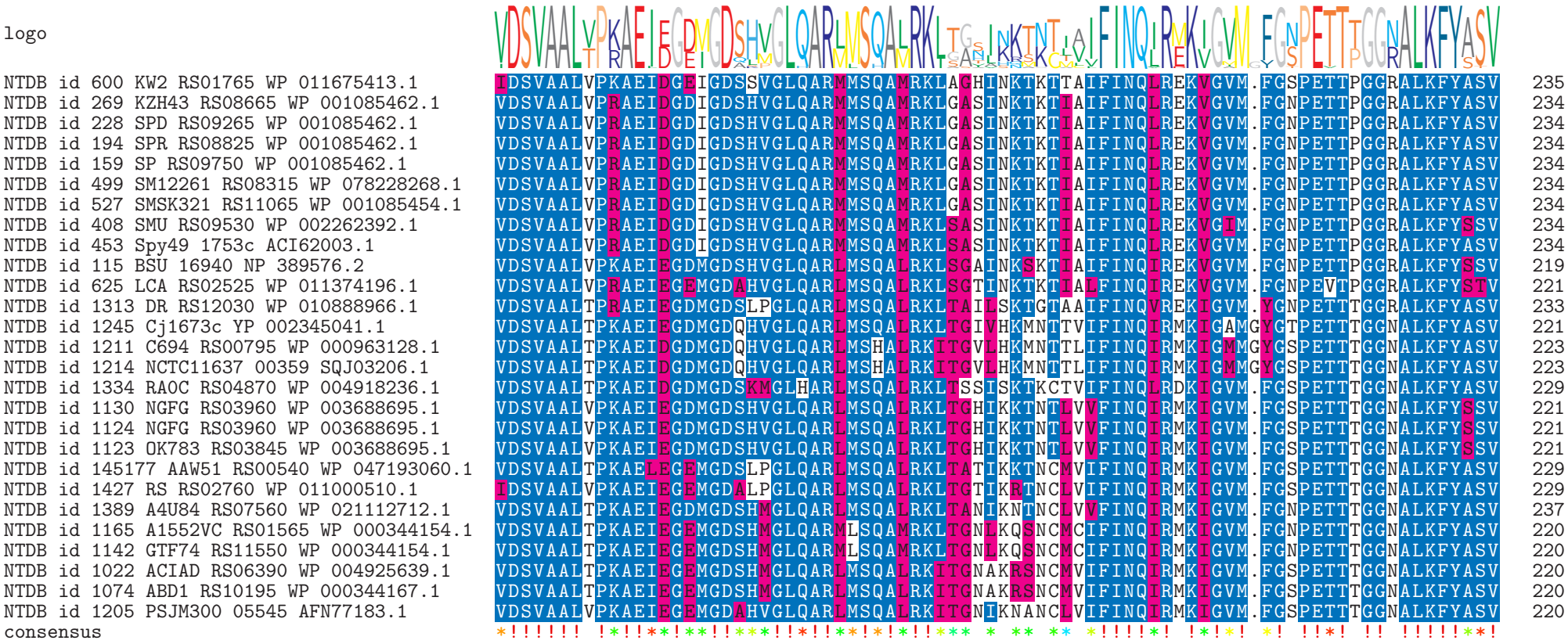
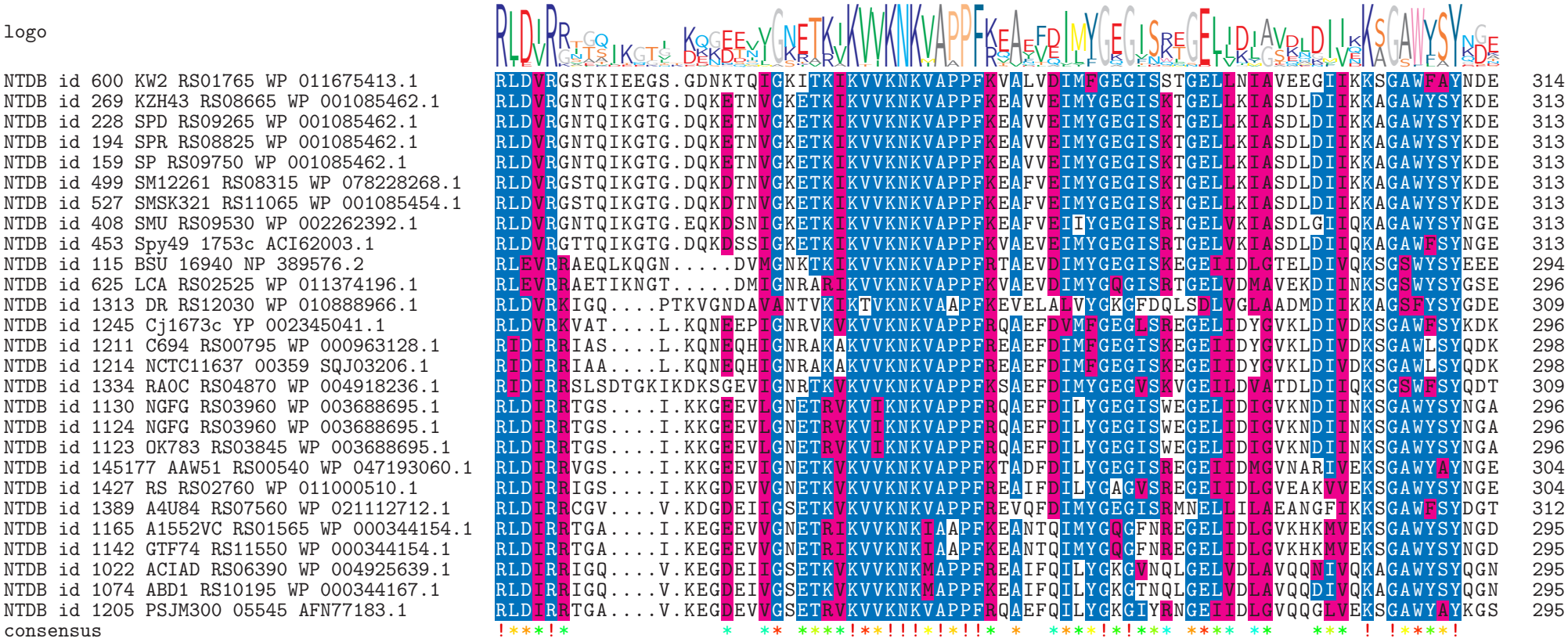
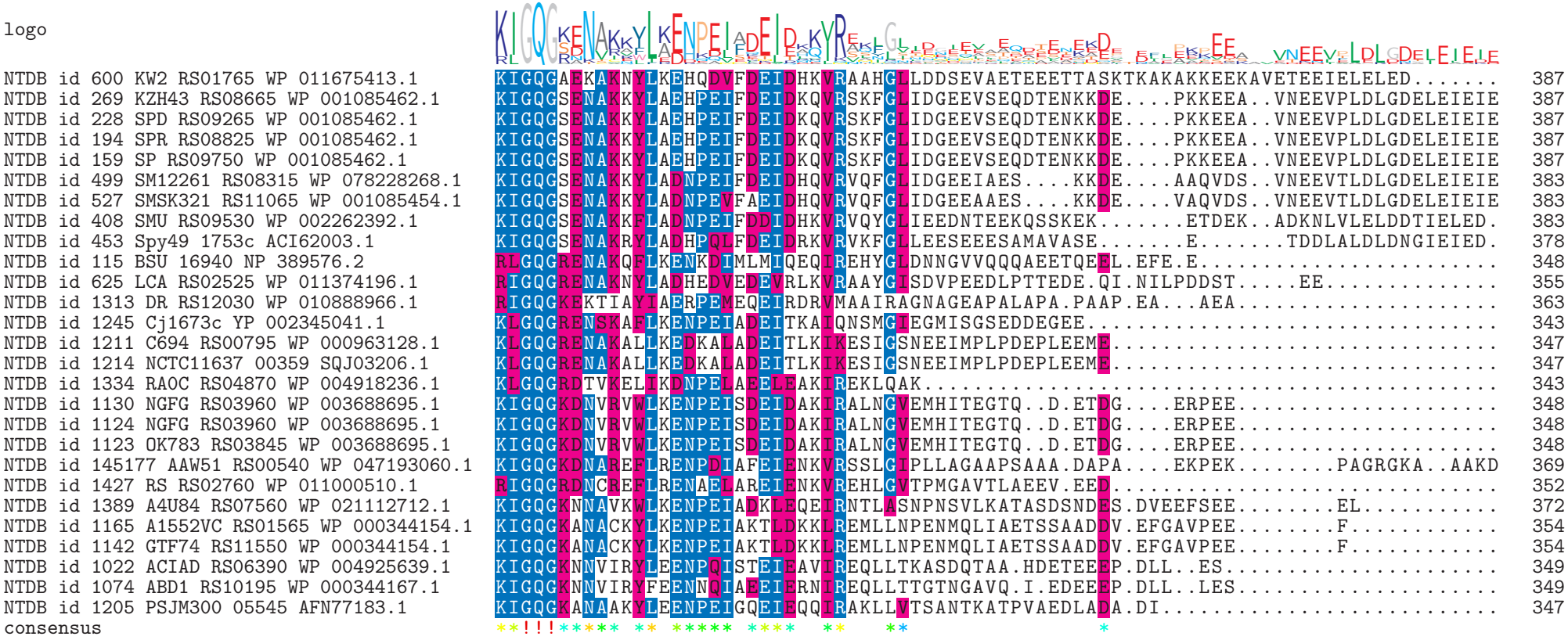

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NTDB id 499 SM12261 RS08315 WP 078228268.1 KIGQGSENAKKYLADNPEIFDEIDHQVRVQFGLIDGEEIAES....KKDE....AAQVDS..VNEEVTLDLGDELEIEIE 383
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NTDB id 408 SMU RS09530 WP 002262392.1 KIGQGSENAKKFLADNPEIFDDIDHKVRVQYGLIEEDNTEEKQSSKEK.......ETDEK..ADKNLVLELDDTIELED. 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 RIGQGKEKTIAYIAERPEMEQEIRDRVMAAIRAGNAGEAPALAPA.PAAP.EA...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 RA0C RS04870 WP 004918236.1 KLGQGRDTVKELIKDNPELAEELEAKIREKLQAK..... 343
NTDB id 1130 NGFG RS03960 WP 003688695.1 KIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGTQ..D.ETDG....ERPEE..... 348
NTDB id 1124 NGFG RS03960 WP 003688695.1 KIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGTQ..D.ETDG....ERPEE..... 348
NTDB id 1123 OK783 RS03845 WP 003688695.1 KIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGTQ..D.ETDG....ERPEE..... 348
NTDB id 145177 AAW51 RS00540 WP 047193060.1 KIGQGKDNAREFLRENPDIAFEIENKVRSSLGIPLLAGAAPSAAA.DAPA....EKPEK........PAGRGKA..AAKD 369
NTDB id 1427 RS RS02760 WP 011000510.1 RIGQGRDNCREFLRENAELAREIENKVREHLGVTPMGAVTLAEEV.EED..... 352
NTDB id 1389 A4U84 RS07560 WP 021112712.1 KIGQGKNNAVKWLKENPEIADKLEQEIRNTLASNPNSVLKATASDSNDES.DVEEFSEE........EL..... 372
NTDB id 1165 A1552VC RS01565 WP 000344154.1 KIGQGKANACKYLKENPEIAKTLDKKLREMLLNPENMQLIAETSSAADDV.EFGAVPEE........F..... 354
NTDB id 1142 GTF74 RS11550 WP 000344154.1 KIGQGKANACKYLKENPEIAKTLDKKLREMLLNPENMQLIAETSSAADDV.EFGAVPEE........F..... 354
NTDB id 1022 ACIAD RS06390 WP 004925639.1 KIGQGKNNVIRYLEENPQISTEIEAVIREQLLTKASDQTAA.HDETEEEP.DLL..ES..... 349
NTDB id 1074 ABD1 RS10195 WP 000344167.1 KIGQGKNNVIRYFEENNQIAEEIERNIREQLLTTGTNGAVQ.I.EDEEEP.DLL..LES..... 349
NTDB id 1205 PSJM300 05545 AFN77183.1 KIGQGKANAAKYLEENPEIGQEIEQQIRAKLLVTSANTKATPVAEDLADA.DI..... 347
consensus

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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 499 SM12261 RS08315 WP 078228268.1          E   384
NTDB id 527 SMSK321 RS11065 WP 001085454.1          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 145177 AAW51 RS00540 WP 047193060.1         E   370
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 1022 ACIAD RS06390 WP 004925639.1           .   349
NTDB id 1074 ABD1 RS10195 WP 000344167.1            .   349
NTDB id 1205 PSJM300 05545 AFN77183.1               .   347
consensus
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X non conserved
X similar
X ≥ 50% conserved