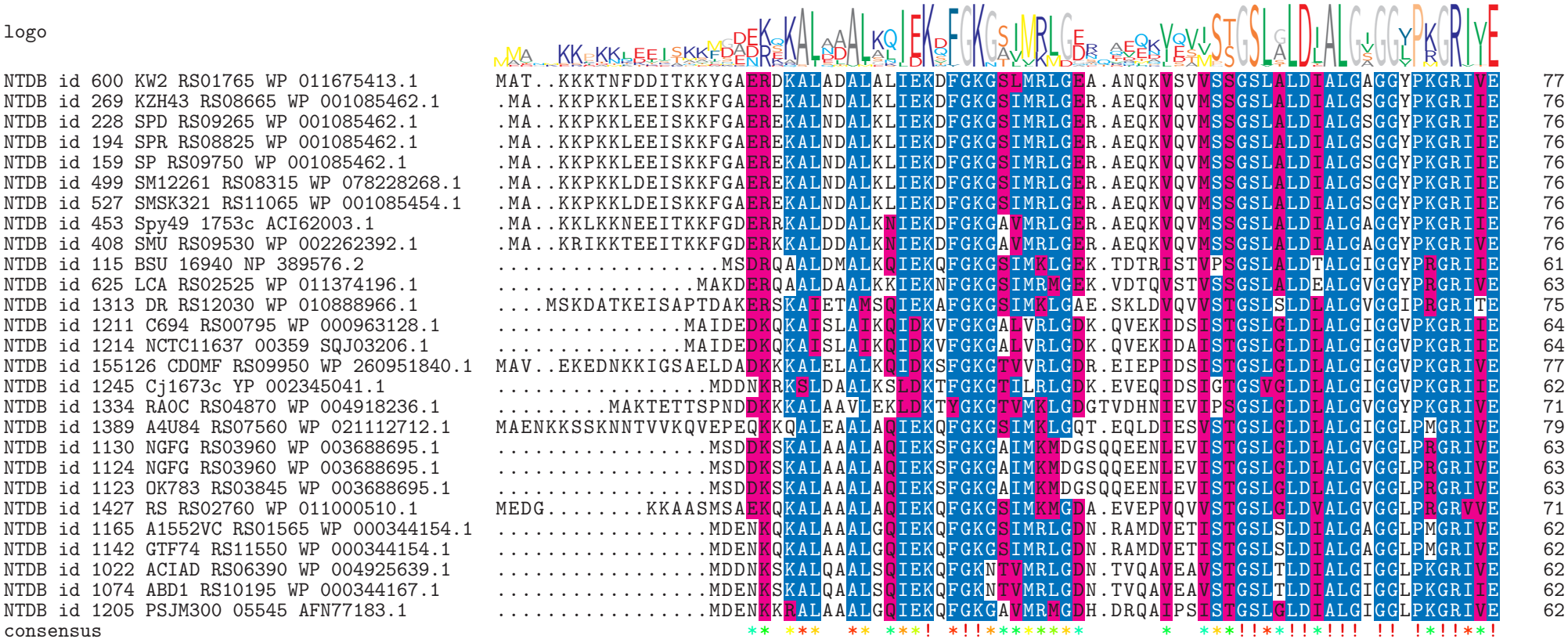
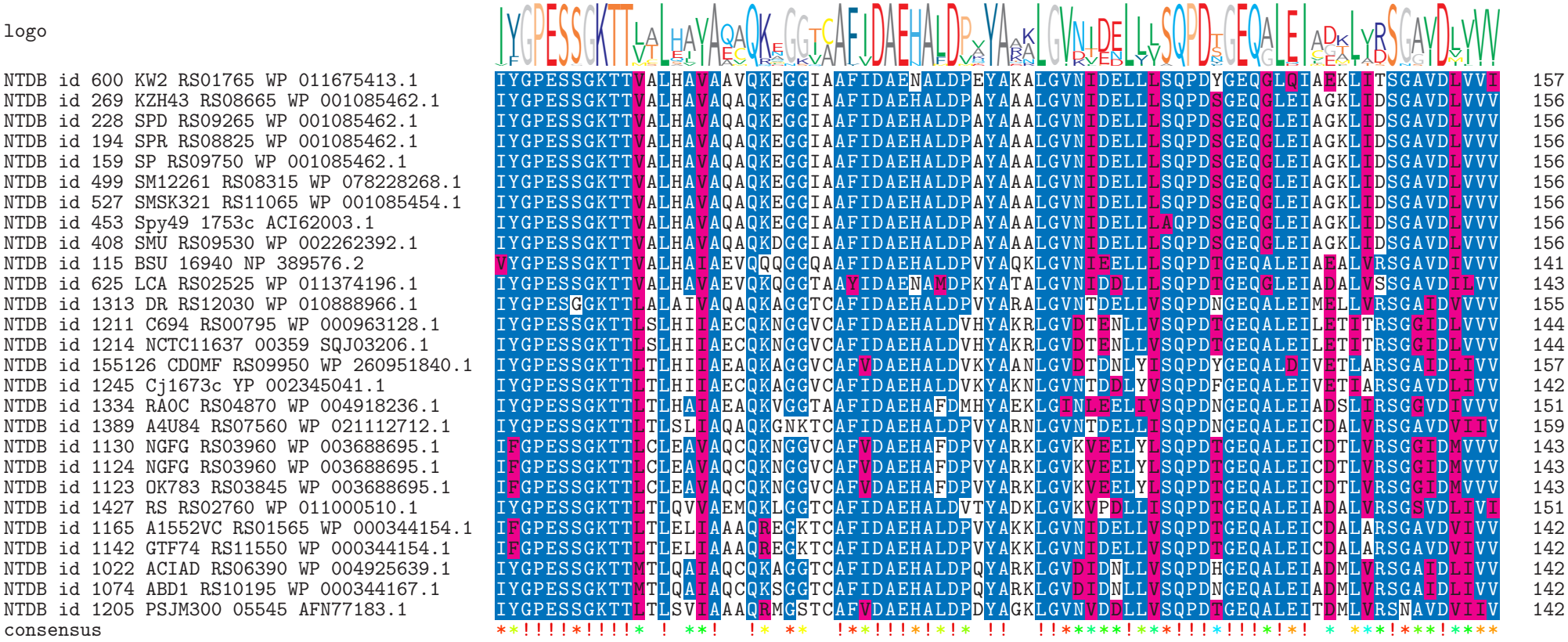
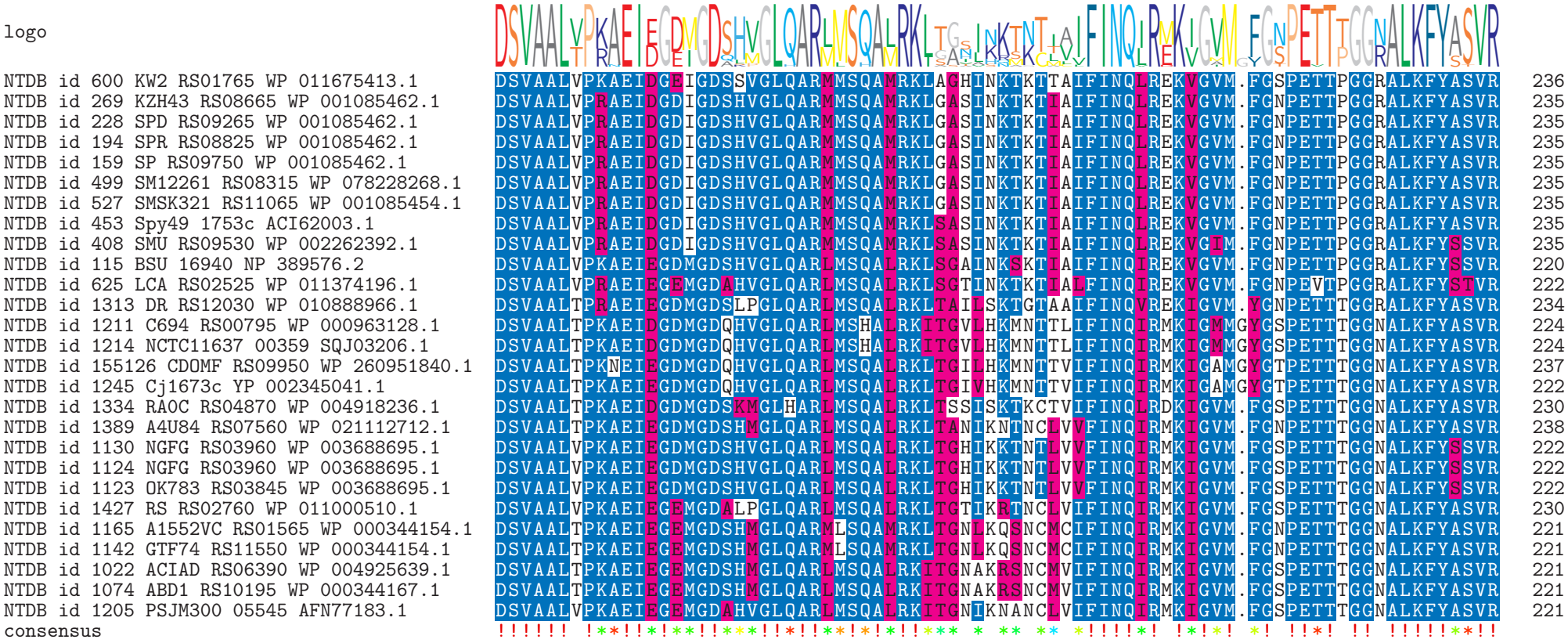
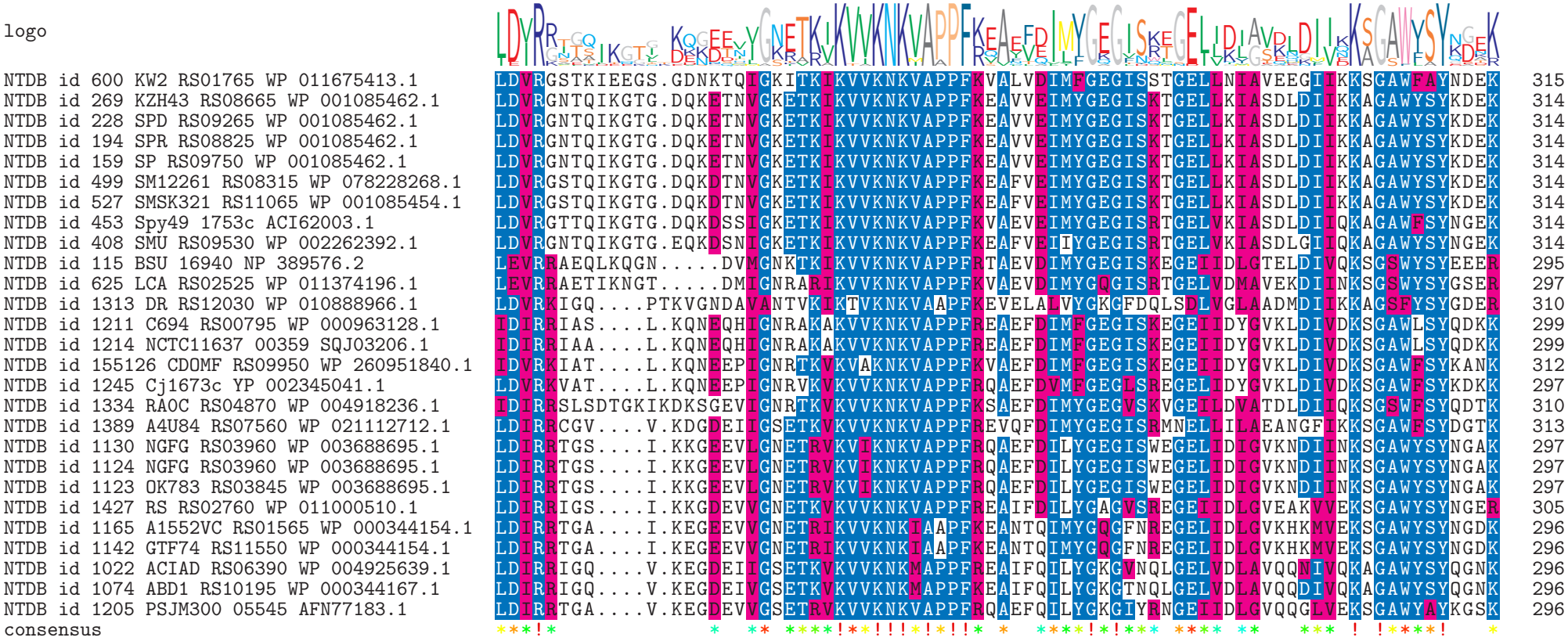
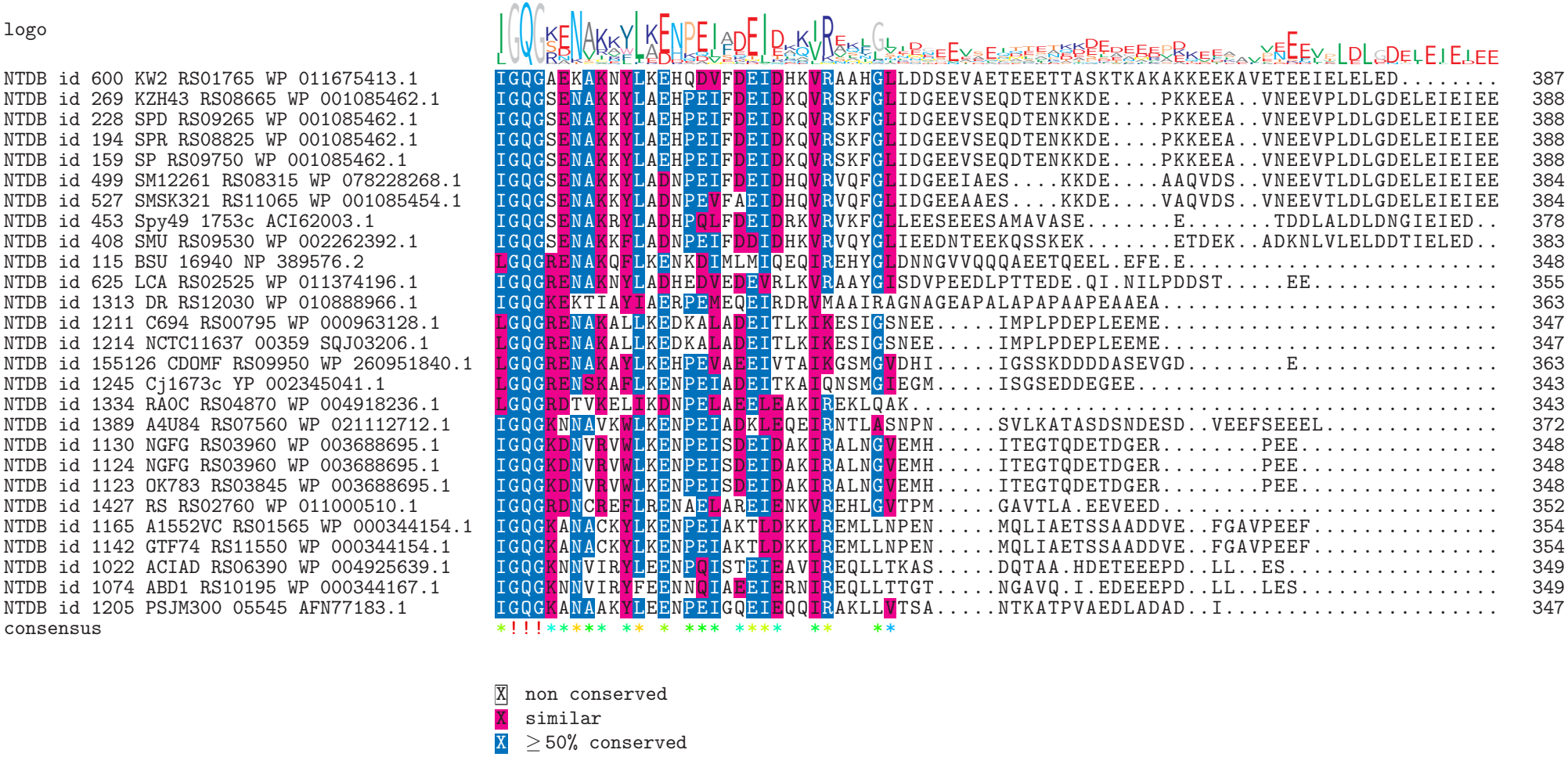

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consensus !!!!!! !**!!*!**!!***!!*!!**!*!*!!*** * ** ** *!!!!*! !*!*! *! !!*! !! !!!!!**!!


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NTDB id 1427 RS RS02760 WP 011000510.1 LDIRRIGS....I.KKGDEVVGNETKVKVVKNKVAPPFREAIFDILYGAGVSREGEIIDLGVEAKVVEKSGAWYSYNGER 305
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consensus


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NTDB id 499 SM12261 RS08315 WP 078228268.1 IGQGSENAKKYLADNPEIFDEIDHQVRVQFGLIDGEEIAES....KKDE....AAQVDS..VNEEVTLDLGDELEIEIEE 384
NTDB id 527 SMSK321 RS11065 WP 001085454.1 IGQGSENAKKYLADNPEVFAEIDHQVRVQFGLIDGEEAAES....KKDE....VAQVDS..VNEEVTLDLGDELEIEIEE 384
NTDB id 453 Spy49 1753c ACI62003.1 IGQGSENAKRYLADHPQLFDEIDRKVRVKFGLLEESEEESAMAVASE.......E.......TDDLALDLDNGIEIED.. 378
NTDB id 408 SMU RS09530 WP 002262392.1 IGQGSENAKKFLADNPEIFDDIDHKVRVQYGLIEEDNTEEKQSSKEK.......ETDEK..ADKNLVLELDDTIELED.. 383
NTDB id 115 BSU 16940 NP 389576.2 LGQGRENAKQFLKENKDIMLMIQEQIREHYGLDNNGVVQQQAEETQEEL.EFE.E..... 348
NTDB id 625 LCA RS02525 WP 011374196.1 IGQGRENAKNYLADHEDVEDEVRLKVRAAYGISDVPEEDLPTTEDE.QI.NILPDDST.....EE..... 355
NTDB id 1313 DR RS12030 WP 010888966.1 IGQGKEKTIAYIAERPEMEQEIRDRVMAAIRAGNAGEAPALAPAPAAPEAAEA..... 363
NTDB id 1211 C694 RS00795 WP 000963128.1 LGQGRENAKALLKEDKALADEITLKIKESIGSNEE.....IMPLPDEPLEEME..... 347
NTDB id 1214 NCTC11637 00359 SQJ03206.1 LGQGRENAKALLKEDKALADEITLKIKESIGSNEE.....IMPLPDEPLEEME..... 347
NTDB id 155126 CDOMF RS09950 WP 260951840.1 LGQGRENAKAYLKEHPEVAEEIVTAIKGSMGVDHI.....IGSSKDDDDASEVGD........E..... 363
NTDB id 1245 Cj1673c YP 002345041.1 LGQGRENSKAFLKENPEIADEITKAIQNSMGIEGM.....ISGSEDDEGEE..... 343
NTDB id 1334 RA0C RS04870 WP 004918236.1 LGQGRDTVKELIKDNPELAEELEAKIREKLQAK..... 343
NTDB id 1389 A4U84 RS07560 WP 021112712.1 IGQGKNNAVKWLKENPEIADKLEQEIRNTLASNPN.....SVLKATASDSNDESD..VEEFSEEEL..... 372
NTDB id 1130 NGFG RS03960 WP 003688695.1 IGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMH.....ITEGTQDETDGER.........PEE..... 348
NTDB id 1124 NGFG RS03960 WP 003688695.1 IGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMH.....ITEGTQDETDGER.........PEE..... 348
NTDB id 1123 OK783 RS03845 WP 003688695.1 IGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMH.....ITEGTQDETDGER.........PEE..... 348
NTDB id 1427 RS RS02760 WP 011000510.1 IGQGRDNCREFLRENAELAREIENKVREHLGVTPM.....GAVTLA.EEVEED..... 352
NTDB id 1165 A1552VC RS01565 WP 000344154.1 IGQGKANACKYLKENPEIAKTLDKKLREMLLNPEN.....MQLIAETSSAADDVE..FGAVPEEF..... 354
NTDB id 1142 GTF74 RS11550 WP 000344154.1 IGQGKANACKYLKENPEIAKTLDKKLREMLLNPEN.....MQLIAETSSAADDVE..FGAVPEEF..... 354
NTDB id 1022 ACIAD RS06390 WP 004925639.1 IGQGKNNVIRYLEENPQISTEIEAVIREQLLTKAS.....DQTAA.HDETEEEPD..LL..ES..... 349
NTDB id 1074 ABD1 RS10195 WP 000344167.1 IGQGKNNVIRYFEENNQIAEEIERNIREQLLTTGT.....NGAVQ.I.EDEEEPD..LL..LES..... 349
NTDB id 1205 PSJM300 05545 AFN77183.1 IGQGKANAAKYLEENPEIGQEIEQQIRAKLLVTSA.....NTKATPVAEDLADAD..I..... 347
consensus
X non conserved
X similar
X ≥ 50% conserved