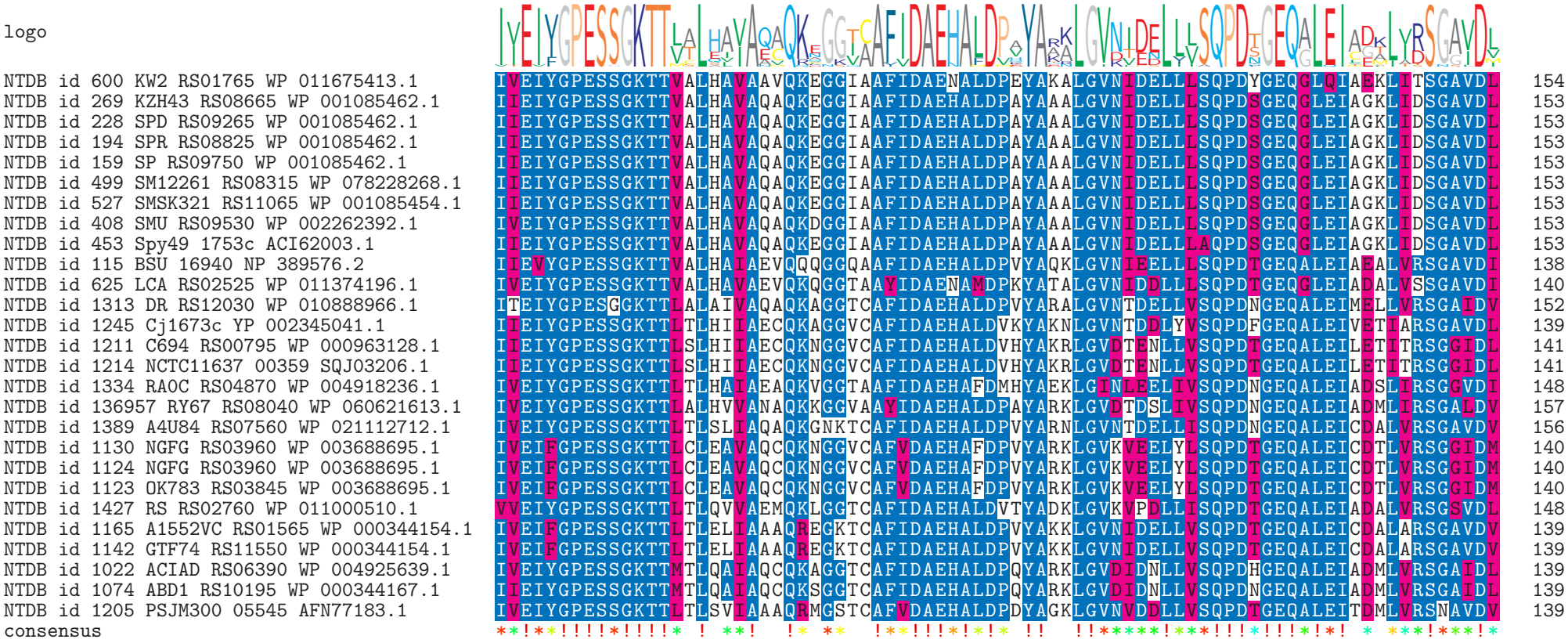
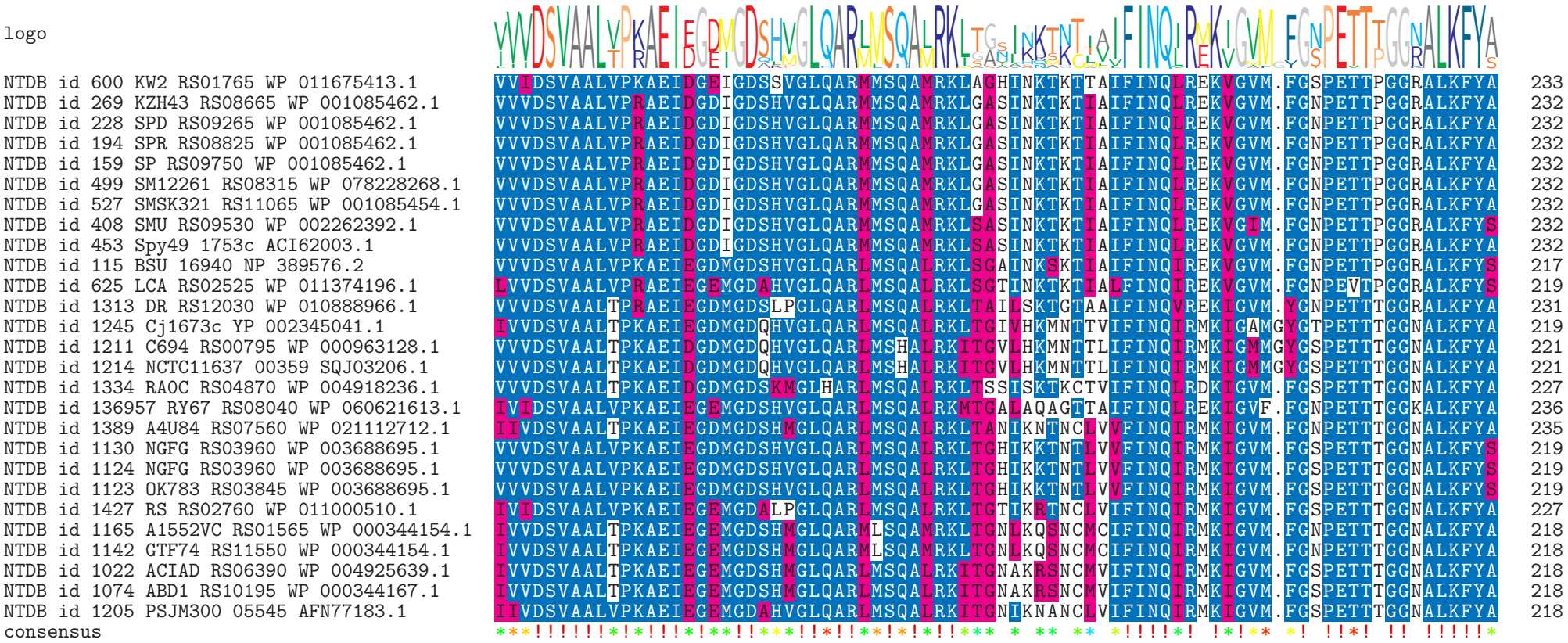
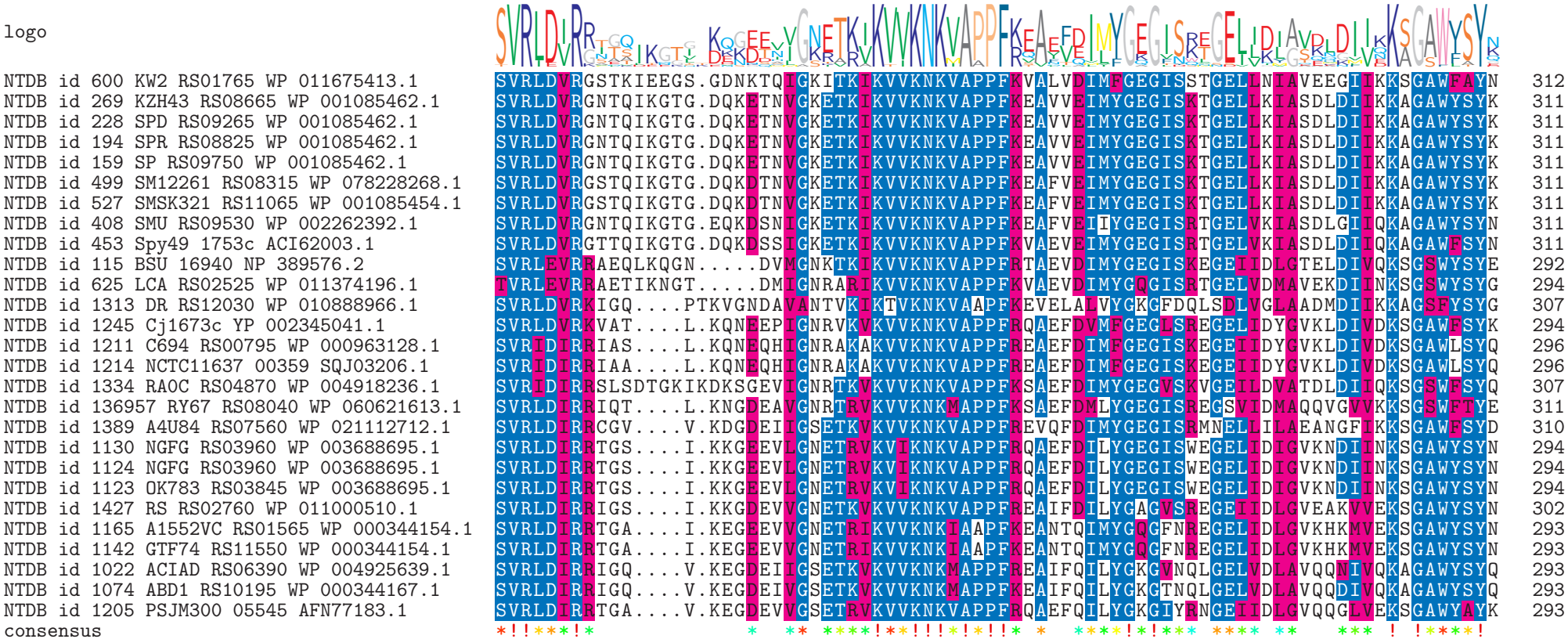
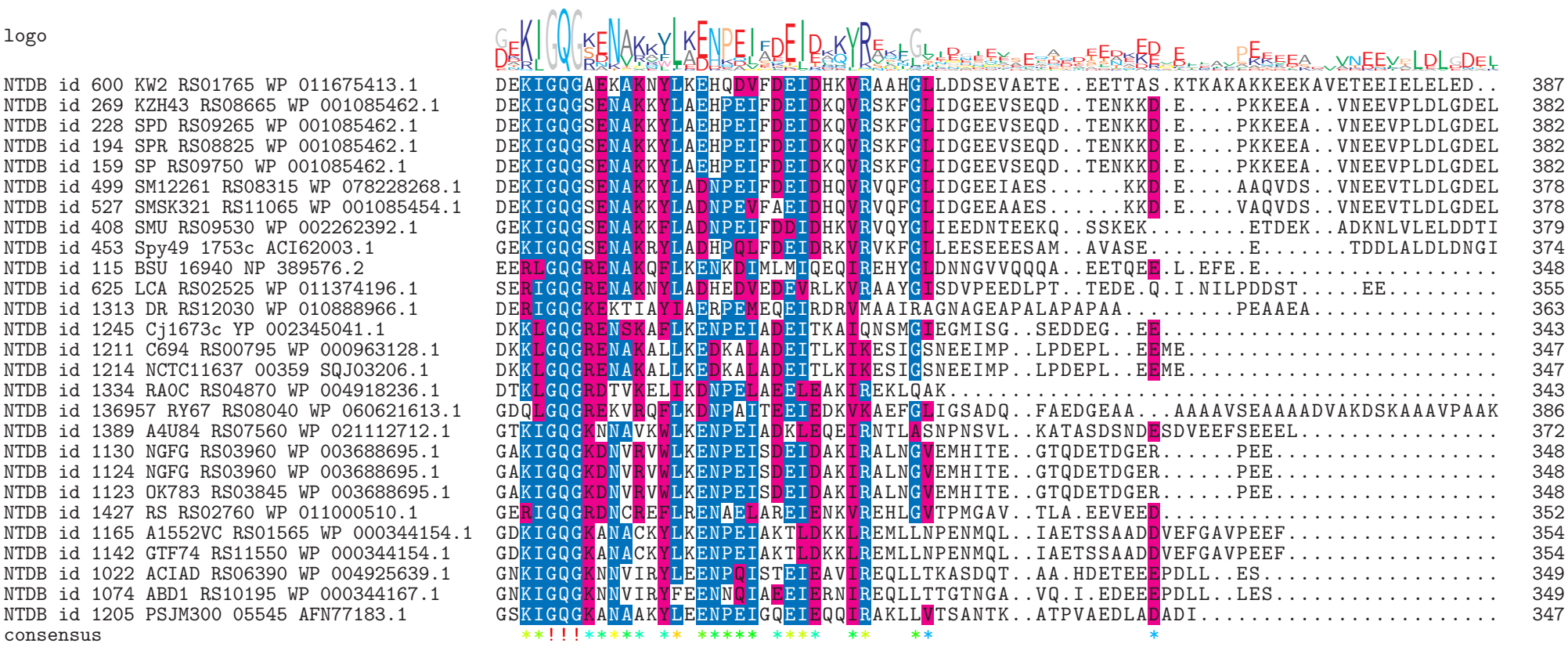



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consensus


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NTDB id 408 SMU RS09530 WP 002262392.1 GEKIGQGSENAKKFLADNPEIFDDIDHKVRVQYGLIEEDNTEEKQ..SSKEK........ETDEK..ADKNLVLELDDTI 379
NTDB id 453 Spy49 1753c ACI62003.1 GEKIGQGSENAKRYLADHPQLFDEIDRKVRVKFGLLEESEEESAM..AVASE........E.......TDDLALDLDNGI 374
NTDB id 115 BSU 16940 NP 389576.2 EERLGQGRENAKQFLKENKDIMLMIQEQIREHYGLDNNGVVQQQA..EETQEE.L.EFE.E..................... 348
NTDB id 625 LCA RS02525 WP 011374196.1 SERIGQGRENAKNYLADHEDVEDEVRLKVRAAYGISDVPEEDLPT..TEDE.Q.I.NILPDDST.....EE......... 355
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NTDB id 1211 C694 RS00795 WP 000963128.1 DKKLGQGRENAKALLKEDKALADEITLKIKESIGSNEEIMP..LPDEPL..EEME..................... 347
NTDB id 1214 NCTC11637 00359 SQJ03206.1 DKKLGQGRENAKALLKEDKALADEITLKIKESIGSNEEIMP..LPDEPL..EEME..................... 347
NTDB id 1334 RA0C RS04870 WP 004918236.1 DTKLGQGRDTVKELIKDNPELAEELEAKIREKLQAK.. 343
NTDB id 136957 RY67 RS08040 WP 060621613.1 GDQLGQGREKVRQFLKDNPAITEEIEDKVKAEFGLIGSADQ..FAEDGEAA...AAAAVSEAAAADVAKDSKAAAVPAAK 386
NTDB id 1389 A4U84 RS07560 WP 021112712.1 GTKIGQGKNNAVKWLKENPEIADKLEQEIRNTLASNPNSVL..KATASDSNDESDVEEFSEEEL.............. 372
NTDB id 1130 NGFG RS03960 WP 003688695.1 GAKIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITE..GTQDETDGER......PEE.................. 348
NTDB id 1124 NGFG RS03960 WP 003688695.1 GAKIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITE..GTQDETDGER......PEE.................. 348
NTDB id 1123 OK783 RS03845 WP 003688695.1 GAKIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITE..GTQDETDGER......PEE.................. 348
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NTDB id 1142 GTF74 RS11550 WP 000344154.1 GDKIGQGKANACKYLKENPEIAKTLDKKLREMLLNPENMQL..IAETSSAADDVEFGAVPEEF.............. 354
NTDB id 1022 ACIAD RS06390 WP 004925639.1 GNKIGQGKNNVIRYLEENPQISTEIEAVIREQLLTKASDQT..AA.HDETEEEPDLL..ES.................. 349
NTDB id 1074 ABD1 RS10195 WP 000344167.1 GNKIGQGKNNVIRYFEENNQIAEEIERNIREQLLTTGTNGA..VQ.I.EDEEEPDLL..LES.................. 349
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consensus

X non conserved
X similar
X $\geq$ 50% conserved