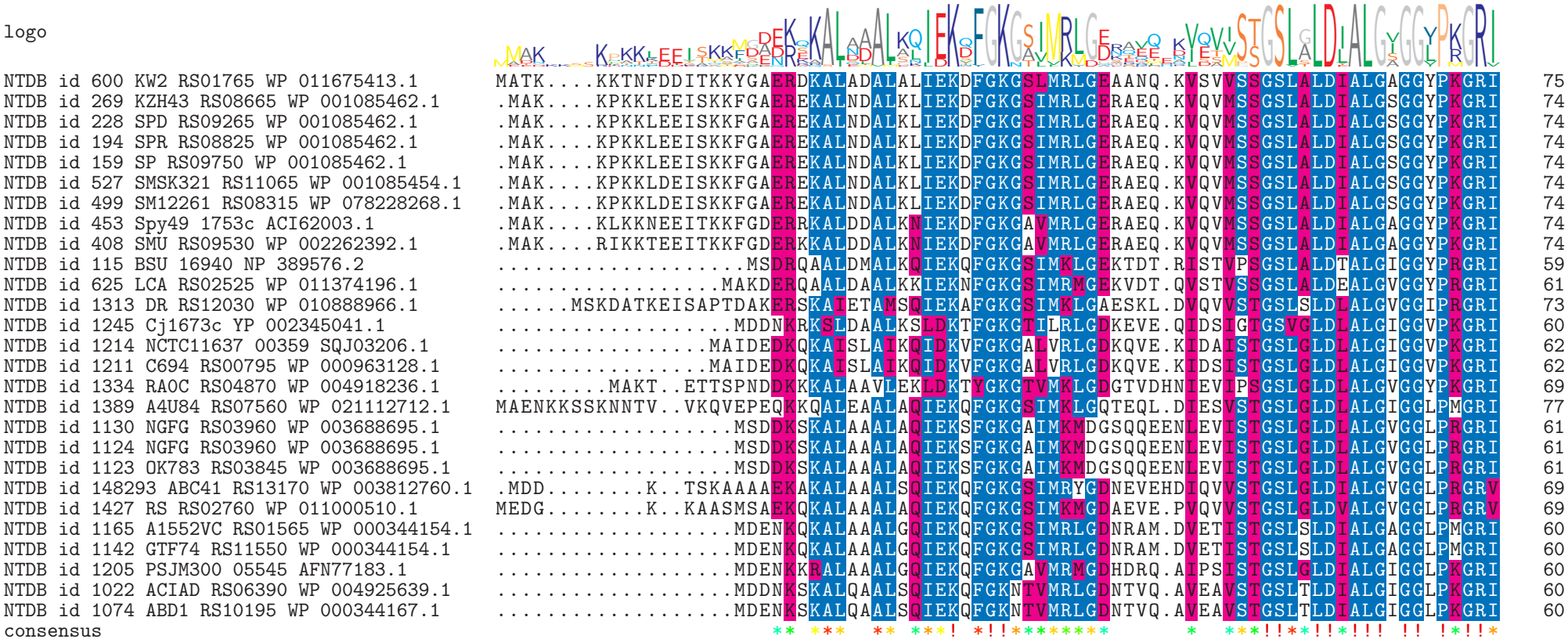
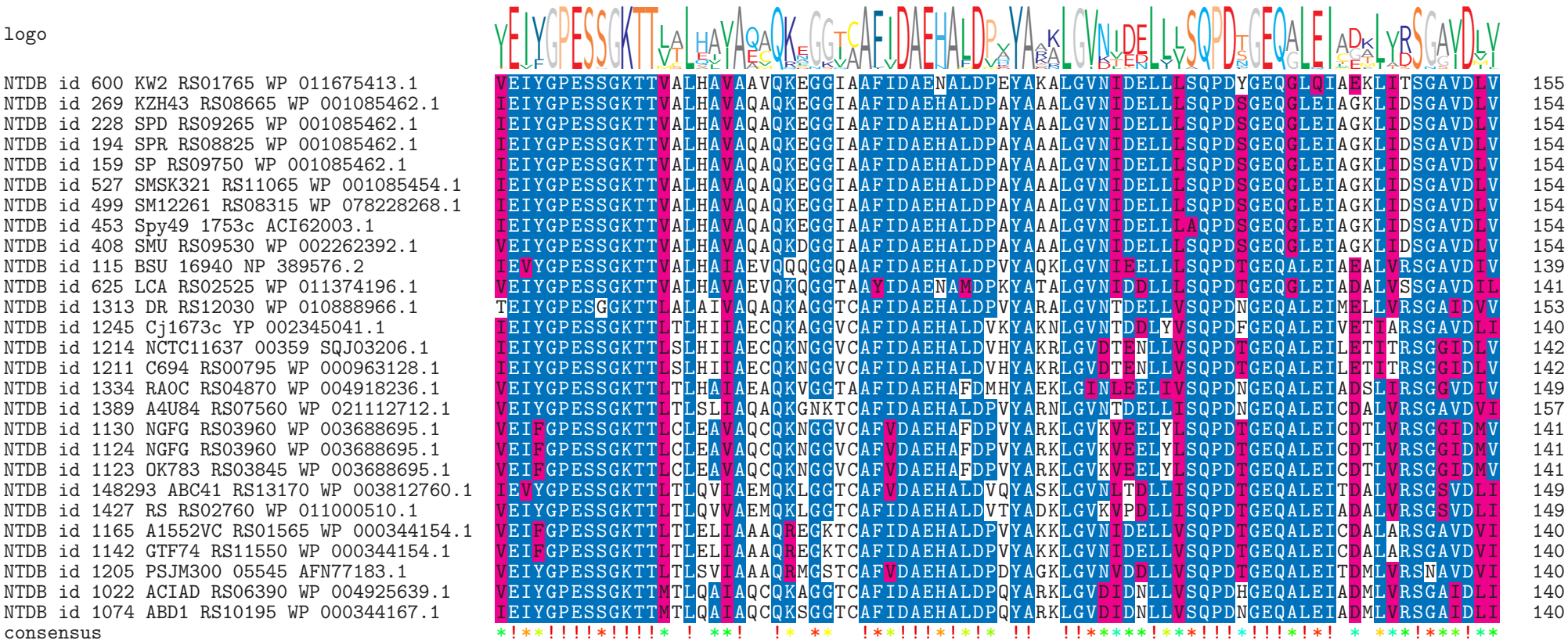
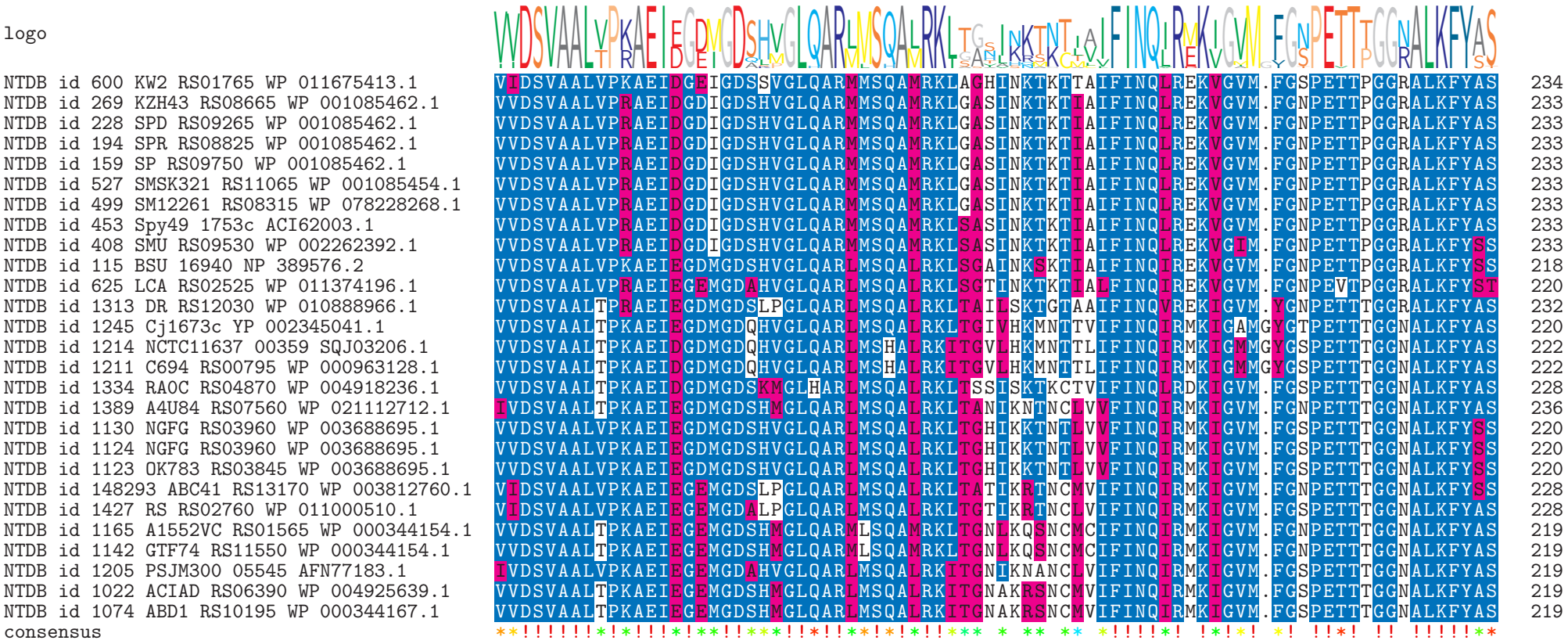
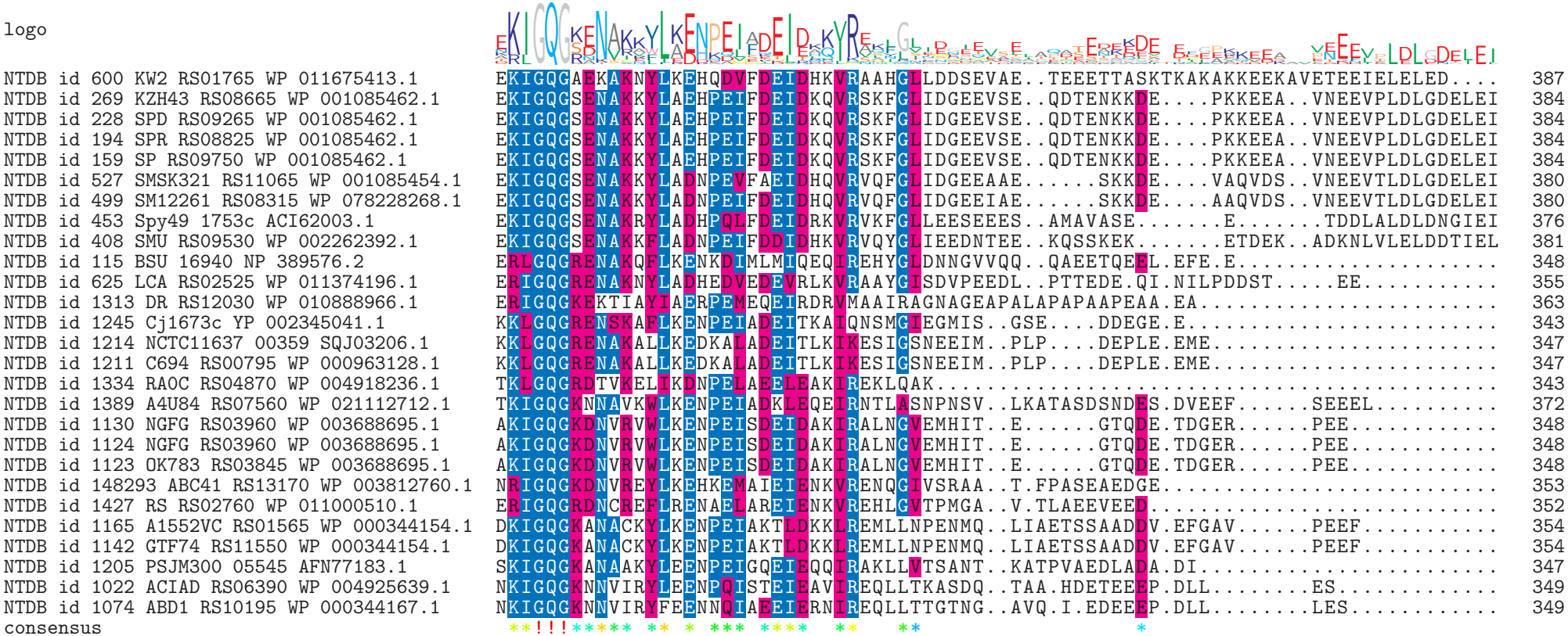

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consensus                                   !!****!*           *  **  ****!**!!!*!*!!* *  ****!*!**** **** **   *** ! !*****!
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NTDB id 499 SM12261 RS08315 WP 078228268.1 EKIGQGSENAKKYLADNPEIFDEIDHQVRVQFGLIDGEEIAE......SKKDE....AAQVDS..VNEEVTLDLGDELEI 380
NTDB id 453 Spy49 1753c ACI62003.1 EKIGQGSENAKRYLADHPQLFDEIDRKVRVKFGLLEESEEES..AMAVASE.......E.......TDDLALDLDNGIEI 376
NTDB id 408 SMU RS09530 WP 002262392.1 EKIGQGSENAKKFLADNPEIFDDIDHKVRVQYGLIEEDNTEE..KQSSKEK.......ETDEK..ADKNLVLELDDTIEL 381
NTDB id 115 BSU 16940 NP 389576.2 ERLGQGRENAKQFLKENKDIMLMIQEQIREHYGLDNNGVVQQ..QAEETQEEL.EFE.E..... 348
NTDB id 625 LCA RS02525 WP 011374196.1 ERIGQGRENAKNYLADHEDVEDEVRLKVRAAYGISDVPEEDL..PTTEDE.QI.NILPDDST.....EE..... 355
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NTDB id 1214 NCTC11637 00359 SQJ03206.1 KKLGQGRENAKALLKEDKALADEITLKIKESIGSNEEIM..PLP....DEPLE.EME..... 347
NTDB id 1211 C694 RS00795 WP 000963128.1 KKLGQGRENAKALLKEDKALADEITLKIKESIGSNEEIM..PLP....DEPLE.EME..... 347
NTDB id 1334 RA0C RS04870 WP 004918236.1 TKLGQGRDTVKELIKDNPELAEELEAKIREKLQAK..... 343
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NTDB id 1124 NGFG RS03960 WP 003688695.1 AKIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHIT..E......GTQDE.TDGER......PEE..... 348
NTDB id 1123 OK783 RS03845 WP 003688695.1 AKIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHIT..E......GTQDE.TDGER......PEE..... 348
NTDB id 148293 ABC41 RS13170 WP 003812760.1 NRIGQGKDNVREYLKEHKEMAIEIENKVRENQGIVSRAA..T.FPASEAEDGE..... 353
NTDB id 1427 RS RS02760 WP 011000510.1 ERIGQGRDNCREFLRENAELAREIENKVREHLGVTPMGA..V.TLAEEVEED..... 352
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NTDB id 1142 GTF74 RS11550 WP 000344154.1 DKIGQGKANACKYLKENPEIAKTLDKKLREMLLNPENMQ..LIAETSSAADDV.EFGAV......PEEF..... 354
NTDB id 1205 PSJM300 05545 AFN77183.1 SKIGQGKANAAKYLEENPEIGQEIEQQIRAKLLVTSANT..KATPVAEDLADA.DI..... 347
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consensus

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