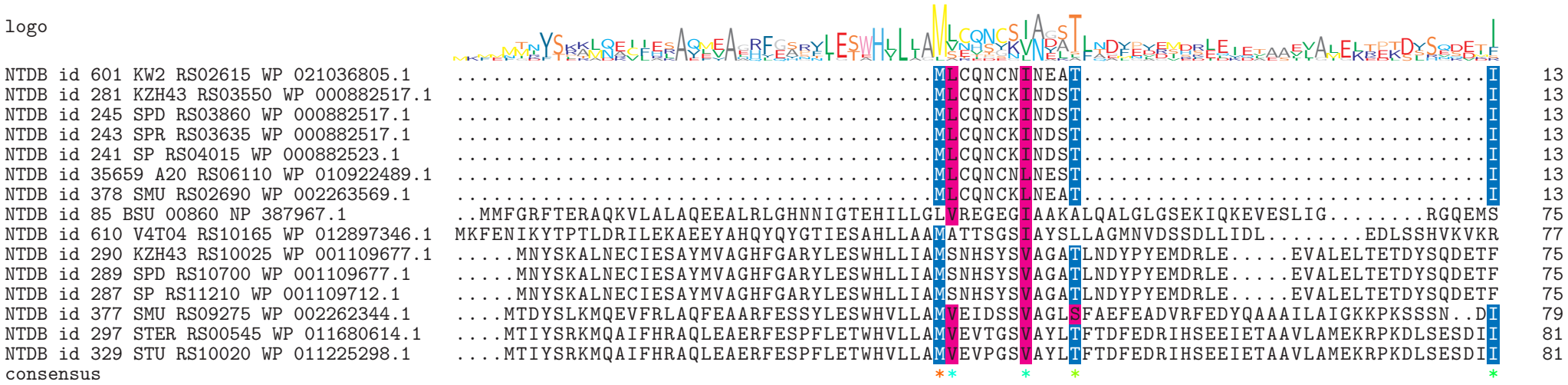
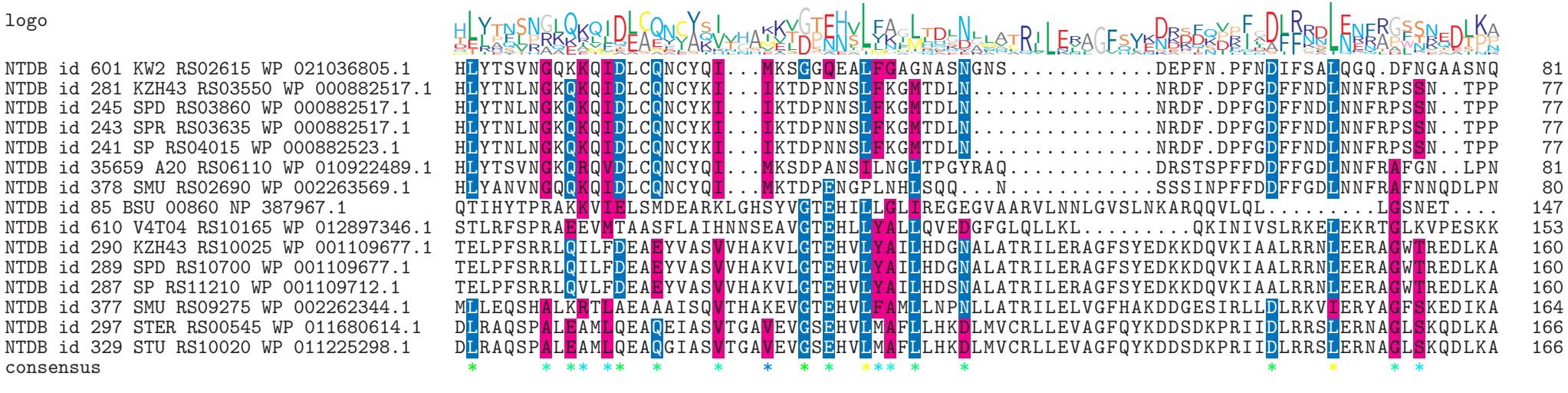
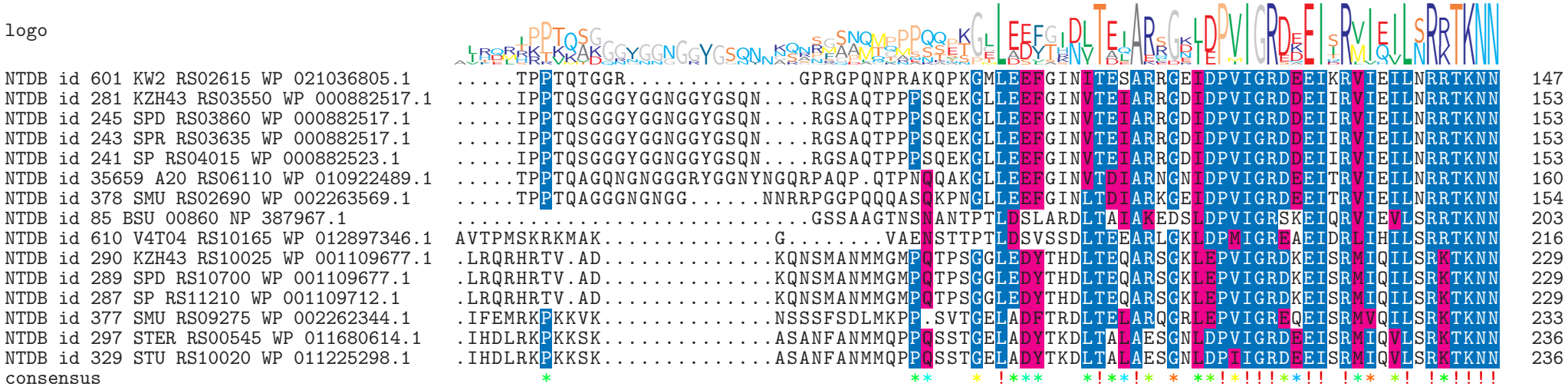
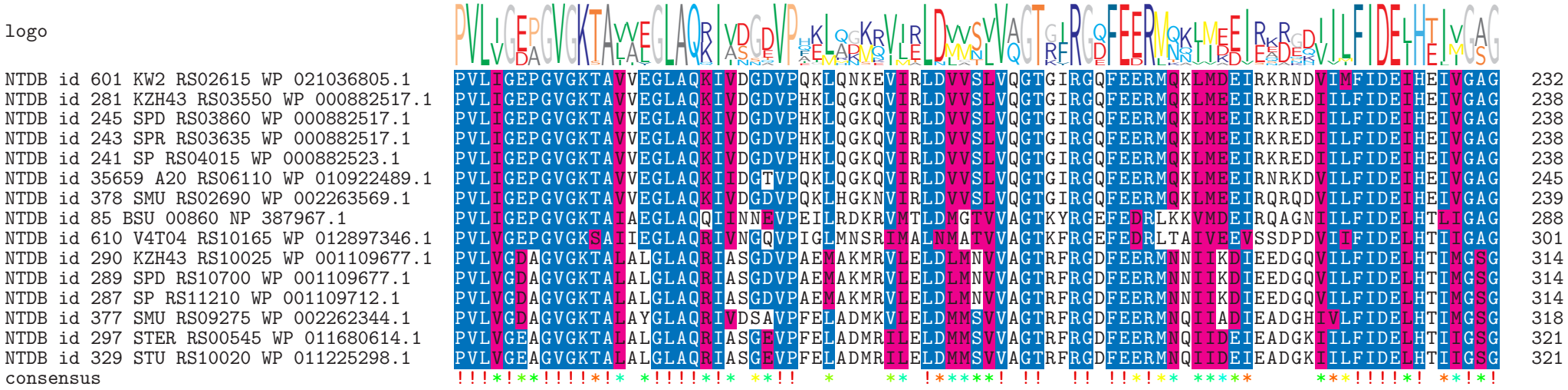

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NTDB id 378 SMU RS02690 WP 002263569.1 13
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NTDB id 610 V4T04 RS10165 WP 012897346.1 77
NTDB id 290 KZH43 RS10025 WP 001109677.1 75
NTDB id 289 SPD RS10700 WP 001109677.1 75
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NTDB id 377 SMU RS09275 WP 002262344.1 79
NTDB id 297 STER RS00545 WP 011680614.1 81
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NTDB id 610 V4T04 RS10165 WP 012897346.1   NIMLQILDDGFVTDTKGRKVDFRNTIIIMTSNLGATALRDDKTVGFGAKNITADYSAMKSRILEELKRHYRPEFLNRIDENIVFH   721
NTDB id 290 KZH43 RS10025 WP 001109677.1   NVLLQVLDDGVLTDSKGRKVDFSNTIIIMTSNLGATALRDDKTVGFGAKDIRFDQENMEKRMFEELKKAYRPEFINRIDEKVVFH   716
NTDB id 289 SPD RS10700 WP 001109677.1     NVLLQVLDDGVLTDSKGRKVDFSNTIIIMTSNLGATALRDDKTVGFGAKDIRFDQENMEKRMFEELKKAYRPEFINRIDEKVVFH   716
NTDB id 287 SP RS11210 WP 001109712.1      NVLLQVLDDGVLTDSKGRKVDFSNTIIIMTSNLGATALRDDKTVGFGAKDIRFDQENMEKRMFEELKKAYRPEFINRIDEKVVFH   716
NTDB id 377 SMU RS09275 WP 002262344.1     NILLQVLDDGVLTDSRGRKVDFSNTIIIMTSNLGATALRDDKTVGFGAKSFSQDYKAMESRILEELKKVYRPEFINRIDEKVVFH   719
NTDB id 297 STER RS00545 WP 011680614.1    NILLQVLDDGVLTDSRGRKVDFSNTIIIMTSNLGATALRDDKTVGFGAQTISHNHQAMQARIMEELKKSYRPEFINRIDEKVVFH   722
NTDB id 329 STU RS10020 WP 011225298.1     NVLLQVLDDGVLTDSRGRKVDFSNTIIIMTSNLGATALRDDKTVGFGAQTISHNHQAMQARIMEELKKSYRPEFINRIDEKVVFH   722
consensus                                   * !!*!*!! *!!  !! ! !* ***!!!!! !     * *!!!** **  *!  * !!!*!! !  * !
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NTDB id 601 KW2 RS02615 WP 021036805.1     ALSKEENLLKIVDLMLDEVNEQIGRNDIHLSVTQAAKEKLVDLGYNPAMGARPLRRTIQENIEDSIADFYIEHPEYKQL.VADLID   725
NTDB id 281 KZH43 RS03550 WP 000882517.1   ALSKDNLLQIVELMLADVNKRLSSNNIRLDVTDKVKEKLVDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDL.KAVMTS   731
NTDB id 245 SPD RS03860 WP 000882517.1     ALSKDNLLQIVELMLADVNKRLSSNNIRLDVTDKVKEKLVDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDL.KAVMTS   731
NTDB id 243 SPR RS03635 WP 000882517.1     ALSKDNLLQIVELMLADVNKRLSSNNIRLDVTDKVKEKLVDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDL.KAVMTS   731
NTDB id 241 SP RS04015 WP 000882523.1      ALSKDNLLQIVELMLADVNKRLSSNNIRLDVTDKVKEKLVDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDL.KAVMTS   731
NTDB id 35659 A20 RS06110 WP 010922489.1   ALSKEHLLHIVDLMLEDVNERLGYNGIHLDVTQKVKEKLVDLGYDPKMGARPLRRTIQDYIEDAITDYYLEHPTEKQL.RALMTN   738
NTDB id 378 SMU RS02690 WP 002263569.1     ALSKDNLLQIVSLMLDDVNQRLAVNAIHLDVTDKVKEKLVDLGYDPKMGARPLRRTIQEHIEDAITDFYLEHPEQKEL.KAIMTS   732
NTDB id 85 BSU 00860 NP 387967.1           SLEKKHLTEIVSLMSDQLTKRLKEQDLSIELTDAAKAKVAEEGVDLEYGARPLRRAIQKHVEDRLSEELLRGNIHKGQHIVLDVE   797
NTDB id 610 V4T04 RS10165 WP 012897346.1   SLESQEIEQIVKIMSKSLIKRLAEQDIHVKLTPSAVKLIAEVGFDPEYGARPLRKALQKEVEDLLSEQLLSGEIKAGNHVSIGAS   806
NTDB id 290 KZH43 RS10025 WP 001109677.1   SLSSDHMQEVVKIMVKPLVASLAEKGIDLKLQASALKLLANQGYDPEMGARPLRRTLQTEVEDKLAELLLKGDLVAGSILKIGVK   801
NTDB id 289 SPD RS10700 WP 001109677.1     SLSSDHMQEVVKIMVKPLVASLAEKGIDLKLQASALKLLANQGYDPEMGARPLRRTLQTEVEDKLAELLLKGDLVAGSILKIGVK   801
NTDB id 287 SP RS11210 WP 001109712.1      SLSSDHMQEVVKIMVKPLVASLTEKGIDLKLQASALKLLANQGYDPEMGARPLRRTLQTEVEDKLAELLLKGDLVAGSTLKIGVK   801
NTDB id 377 SMU RS09275 WP 002262344.1     NLGQEDIRHIVKIMVAPLIAHLADQGITLKFQPSALKHLALAGYDAEMGARPLRRTLQTEVEDKLAELILSGKLASGQTLKIGIQ   804
NTDB id 297 STER RS00545 WP 011680614.1    SLEEEQQLHDIVKIMVKPLISALADKGISLKFQPAALKHLAKDGYDIEMGARPLRRTIQTQVEDKLSELLLGGQVVSGQTLKIGCS   807
NTDB id 329 STU RS10020 WP 011225298.1     SLEEEQQLHDIVKIMVKPLISALADKGISLKFQPAALKHLAKDGYDIEMGARPLRRTIQTQVEDKLSELLLGGQVVSGQTLKIGCS   807
consensus                                   !* * *  *! *!*  *   ** * * * ** *  * * !*** *!!!!!!***!  *!! *** *      * *
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NTDB id 601 KW2 RS02615 WP 021036805.1     DKIVISNQTQETAETTDEEVPAE   748
NTDB id 281 KZH43 RS03550 WP 000882517.1   KGNIQIKSAKKAEVKSSEKEK..   752
NTDB id 245 SPD RS03860 WP 000882517.1     KGNIQIKSAKKAEVKSSEKEK..   752
NTDB id 243 SPR RS03635 WP 000882517.1     KGNIQIKSAKKAEVKSSEKEK..   752
NTDB id 241 SP RS04015 WP 000882523.1      KGNIQIKSAKKAEVKSSEKEK..   752
NTDB id 35659 A20 RS06110 WP 010922489.1   SENITIKAVKEGDSFLNEESL.D   760
NTDB id 378 SMU RS02690 WP 002263569.1     NGKIVIKASNKVETVTKATSD..   753
NTDB id 85 BSU 00860 NP 387967.1           DGEFVVKTTAKTN..........   810
NTDB id 610 V4T04 RS10165 WP 012897346.1   NKKIKIAQIV..............   816
NTDB id 290 KZH43 RS10025 WP 001109677.1   AGQLKFDIA...............   810
NTDB id 289 SPD RS10700 WP 001109677.1     AGQLKFDIA...............   810
NTDB id 287 SP RS11210 WP 001109712.1      AGQLKFDIA...............   810
NTDB id 377 SMU RS09275 WP 002262344.1     KEKLKFDIV...............   813
NTDB id 297 STER RS00545 WP 011680614.1    KDKLTFTVV...............   816
NTDB id 329 STU RS10020 WP 011225298.1     KDKLTFTVV...............   816
consensus                                   * *
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X non conserved

X similar

X ≥ 50% conserved