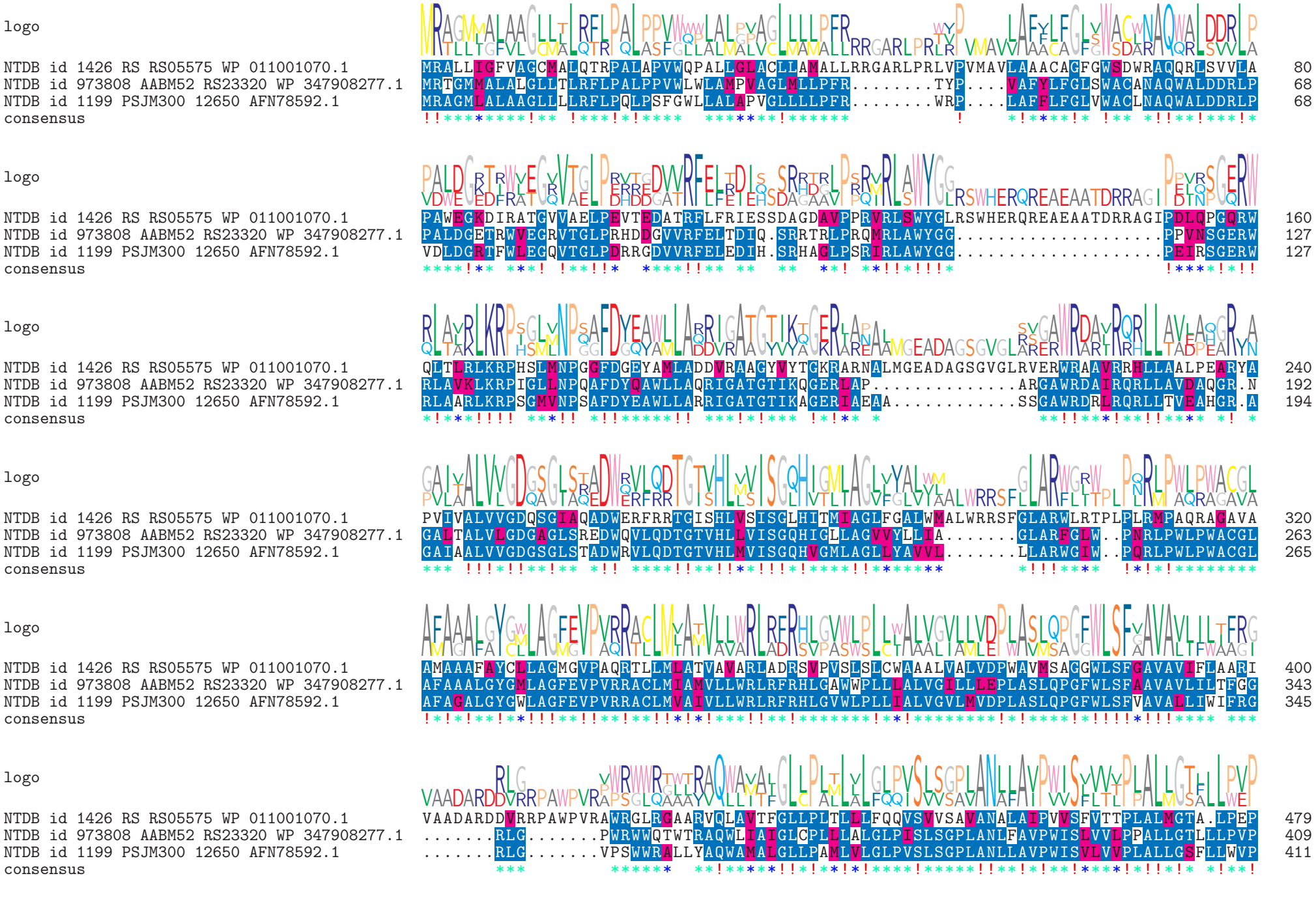
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MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA 80
MRTGMMALALGLLTLRFLPALPPVWLWLAMPVAGLMLLPFR.....TYP....VAFYLFGLSWACANAQWALDDRLP 68
MRAGML ALAAGLLLLRFLPQLPSFGWLLALAPVGLLLLPFR.....WRP....LAFFLFGLVWACLNAQWALDDRLP 68
!!****** ****!** !***!*!**** ***** ****!****** ! *!****!* !** *!!**!***!*
PALDGRTRWVEGWVTGLPRVTGDWRFELTDISSRRTRLPSRVRLAWYGG LRSWHERQREAEAATDRRAGIPDLQPGQRW 160
PALDGETRWVEGRVTGLPRHDDGVVRFELTDIQ.SRRTRLPRQMRLAWYGG.....PPVNSGERW 127
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****!** ***! !**!!* ****!!** ** ** **! **!!*!!!* !****!*!!
RLAVRLKRPSGLVNPSAFDYEAWLLARRIGATGTIKQGERLAPAL SVGAWRDAVRQRLLAVLAQGRYA 240
QLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYA 240
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*!**!!!! ***!! *!!***** !! ***!*!*** !*!** * **!!***!**!!**** *! *
GAIVALWGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYALWM GLARWGRW PQRLPWLPWACGL 320
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*** !!!*!!**!** *!! ****!!**!!**!!!*!****!!******* *!!!***** !*!*!********
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!*!*!**!**!!!**!!**!**!!*!*!***!!**!*******!**!********!*!****!*!!!!*!!!**** ***
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VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEP 479
.....RLG.....PWRWWQTWTRAQWLIAIGLCPLLLALGLPISLSGPLANLFAVPWISLVVLPPALLGTLLLPVP 409
.....RLG.....VPSWWRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP 411
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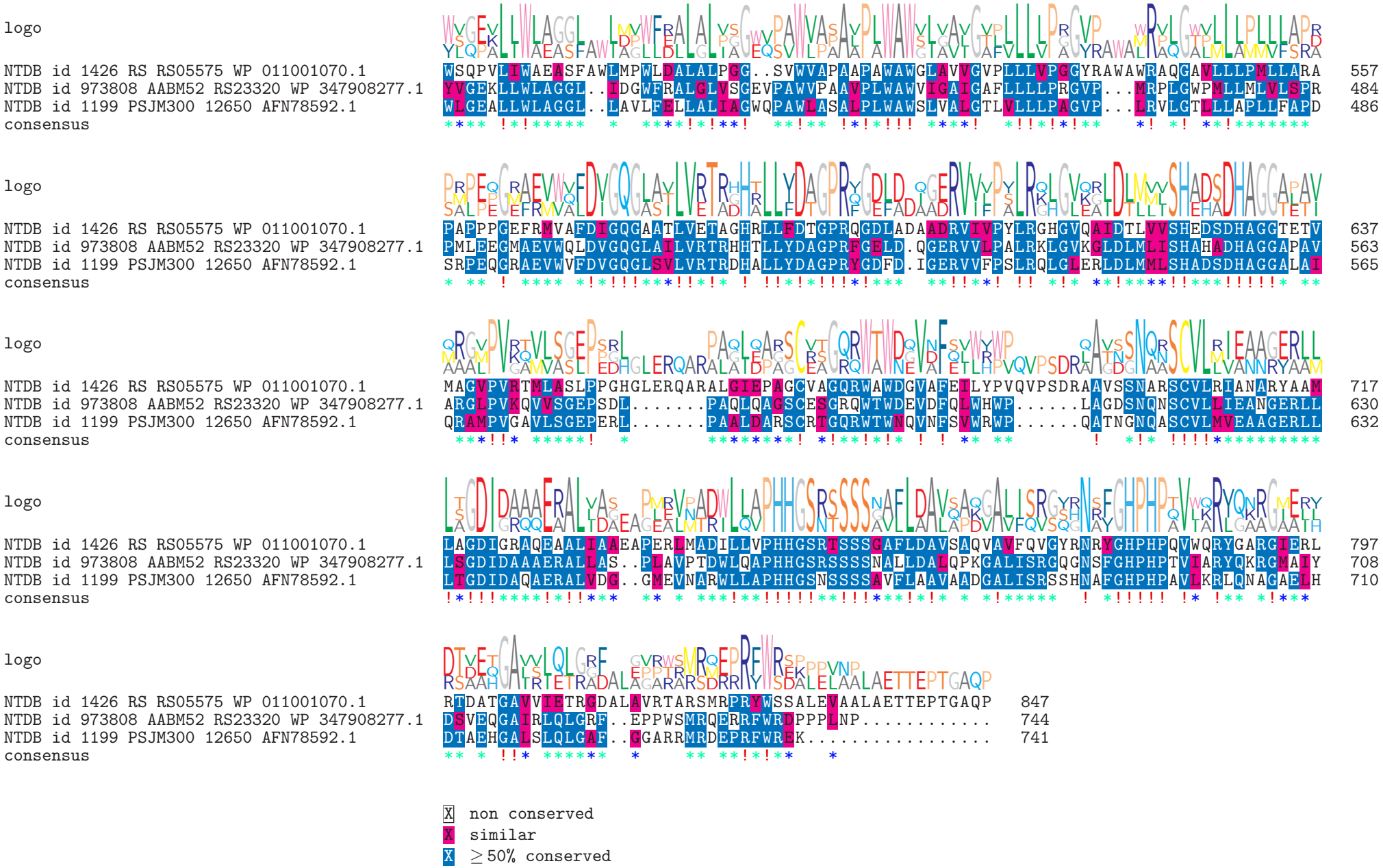
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NTDB id 973808 AABM52 RS23320 WP 347908277.1 YVGEKLLWLAGGL..IDGWFRALGLVSGEVPAWVPAAVPLWAWVIGAIGAFLLLLPRGVP...MRPLGWPMLLMLVLSPR 484
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consensus
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consensus
X non conserved
X similar
X ≥ 50% conserved