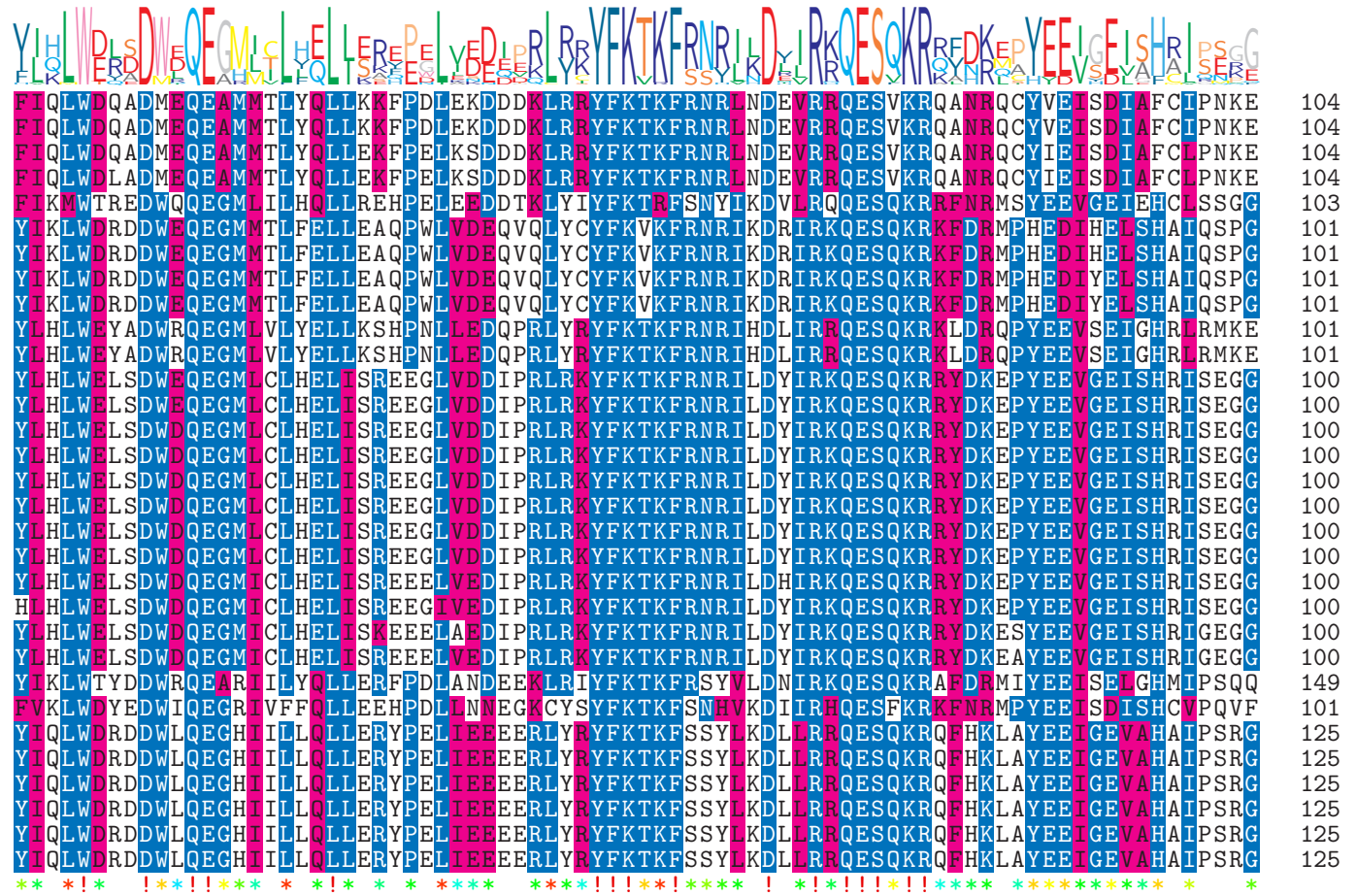


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NTDB id 320 STU RS10340 WP 002949220.1	MEQEVEVVKAYEKVRPIVLKAFRQY	24
NTDB id 47 STER RS00925 WP 002949220.1	MEQEVEVVKAYEKVRPIVLKAFRQY	24
NTDB id 468 HSISS4 RS00725 WP 021143466.1	MEQEVEVHAYEVVRPIVLKASRQY	24
NTDB id 50 STRSA0001 RS07545 WP 002885610.1	MEQEVEVHAYEVVRPIVLKASRQY	24
NTDB id 44 SMU RS09085 WP 002263585.1	MEEDFEIVFNKVKPIVWKLRSYY	23
NTDB id 252361 CR542 RS00080 WP 002936602.1	MBFEKVYASVKGIVNKAARKEF	21
NTDB id 457 SSUD9 RS00080 WP 002936602.1	MBFEKVYASVKGIVNKAARKEF	21
NTDB id 461 GPW51 RS00080 WP 011921639.1	MBFEKVYASVKGIVNKAARKEF	21
NTDB id 454 SSU RS00080 WP 011921639.1	MBFEKVYASVKGIVNKAARKEF	21
NTDB id 424 SGO RS10430 WP 012130755.1	MKFEDVYKQVEGIVKRCYKDY	21
NTDB id 423 SGO RS08370 WP 012130755.1	MKFEDVYKQVEGIVKRCYKDY	21
NTDB id 141 SP RS10155 WP 000588925.1	MIKELYEEVQCTVYKCRNEY	20
NTDB id 140 SP RS00070 WP 000588925.1	MIKELYEEVQCTVYKCRNEY	20
NTDB id 252 KZH43 RS09050 WP 000588897.1	MIKELYEEVQCTVYKCRNEY	20
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NTDB id 211 SPD RS09675 WP 000588897.1	MIKELYEEVQCTVYKCRNEY	20
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NTDB id 177 SPR RS09210 WP 000588897.1	MIKELYEEVQCTVYKCRNEY	20
NTDB id 176 SPR RS00065 WP 000588897.1	MIKELYEEVQCTVYKCRNEY	20
NTDB id 489 SM12261 RS01070 WP 000471940.1	MFKELYEEVQGIVYKCRNEY	20
NTDB id 488 SM12261 RS00065 WP 000471939.1	MFKELYEEVQGIVYKCRNEY	20
NTDB id 516 SMSK321 RS09125 WP 000471944.1	MFKELYKEVQGIVYKSRNEY	20
NTDB id 517 SMSK321 RS10700 WP 000471945.1	MFKELYKEVQGIVYKSRNEY	20
NTDB id 582 DLJ51 RS00505 WP 002962720.1	MDKEKLKEIFNKHSA LPEEVEEFDDGMVKEVITAGLLFCLKEVL...D.....MDDSSFVSAF SRVEKTVSKLAKDY	69
NTDB id 554 STRINF RS00370 WP 115283725.1	MDERYEFTVKPIILKLRHHY	21
NTDB id 450 SPYM18 RS08475 WP 011018214.1	MSCCFFVVLFILGIVKKKRRRLKMSIETRAAF EKVKPIILKLRHHY	45
NTDB id 449 SPYM18 RS01395 WP 011018214.1	MSCCFFVVLFILGIVKKKRRRLKMSIETRAAF EKVKPIILKLRHHY	45
NTDB id 442 SPYM3 RS08515 WP 011106595.1	MSCCFFVVLFILGIVKKKRRRLKMSIETRAVFEKVKPIILKLRHHY	45
NTDB id 441 SPYM3 RS01385 WP 011106595.1	MSCCFFVVLFILGIVKKKRRRLKMSIETRAVFEKVKPIILKLRHHY	45
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1	MSCCFFVVLFILGIVKKKRRRLKMSIETRAAF EKVKPIILKLRHHY	45
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1	MSCCFFVVLFILGIVKKKRRRLKMSIETRAAF EKVKPIILKLRHHY	45
consensus	*** **	

NTDB id 320 STU RS10340 WP 002949220.1
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NTDB id 449 SPYM18 RS01395 WP 011018214.1
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NTDB id 441 SPYM3 RS01385 WP 011106595.1
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NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1
consensus



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NTDB id 320 STU RS10340 WP 002949220.1	LD.MVDRILAYDEQLNAFREQLSSEDSLKLDRLLGGECFRGRKKMIRELRFWMVDFDPCNEED	165
NTDB id 47 STER RS00925 WP 002949220.1	LD.MVDRILAYDEQLNAFREQLSSEDSLKLDRLLGGECFRGRKKMIRELRFWMVDFDPCNEED	165
NTDB id 468 HSISS4 RS00725 WP 021143466.1	LD.AVDRLVYDEQLNAFRNQLSSEDA TKLDRLLAGECFRGRKKMIRELRFWMVDFDPYNEDD	165
NTDB id 50 STRSA0001 RS07545 WP 002885610.1	LD.AVDRLVYDEQLNAFRNQLSSEDA TKLDRLLAGECFRGRKKMIRELRFWMVDFDPYNEDD	165
NTDB id 44 SMU RS09085 WP 002263585.1	MQ.LDEYILFRDSL LAYKQGLSTEQELFERLVAGEHFLGRQSM LKDLRKKLSDFKEK....	160
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NTDB id 457 SSUD9 RS00080 WP 002936602.1	LI.NDELLMLRGALRDYRKNLSNDQLDKYEKLISGQCFNGRREMIRDLQIHLKDFR.....	156
NTDB id 461 GPW51 RS00080 WP 011921639.1	LI.NDELLMLRGALRDYRKNLSNDQLDKYEKLISGQCFNGRREMIRDLQIHLKDFR.....	156
NTDB id 454 SSU RS00080 WP 011921639.1	LI.NDELLMLRGALRDYRKNLSNDQLDKYEKLISGQCFNGRREMIRDLQIHLKDFR.....	156
NTDB id 424 SGO RS10430 WP 012130755.1	LY.LDELVAFRSAMSEYRSRLSPEEAKQYERLMADERFKGRKAM LKDL SYHLRDFNPRLD..	160
NTDB id 423 SGO RS08370 WP 012130755.1	LY.LDELVAFRSAMSEYRSRLSPEEAKQYERLMADERFKGRKAM LKDL SYHLRDFNPRLD..	160
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NTDB id 517 SMSK321 RS10700 WP 000471945.1	LW.LDDYYLFHETLRDYRSKQSKDKQEELERVLRHERFGRQVR LRD L RIVFKEFDIRTQ..	159
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NTDB id 554 STRINF RS00370 WP 115283725.1	FHEVEDYVAYQDSLACLRLRTLGREDRLKLEKVI RGERFECCKAFLKSLIYFSDFRP.....	158
NTDB id 450 SPYM18 RS08475 WP 011018214.1	LW.LDDYVAYQEVIASLENQLNSQERMQFKALIRGERFKGRHALLRKISPYFKEFAAQL...	183
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NTDB id 442 SPYM3 RS08515 WP 011106595.1	LW.LDDYVAYQEVIASLENQLNSQERMQFQALIRGERFKGRHALLRKISPYFKEFAAQL...	183
NTDB id 441 SPYM3 RS01385 WP 011106595.1	LW.LDDYVAYQEVIASLENQLNSQERMQFQALIRGERFKGRHALLRKISPYFKEFAAQL...	183
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1	LW.LDDYVAYQEVIASLENQLNSQERMQFQALIRGERFKGRHALLRKISPYFKEFAAQL...	183
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1	LW.LDDYVAYQEVIASLENQLNSQERMQFQALIRGERFKGRHALLRKISPYFKEFAAQL...	183
consensus	** ***** * ***** ** * * ***** ***! *! * * ***** ***!	

- ☒ non conserved
- ☒ similar
- ☒ ≥ 50% conserved