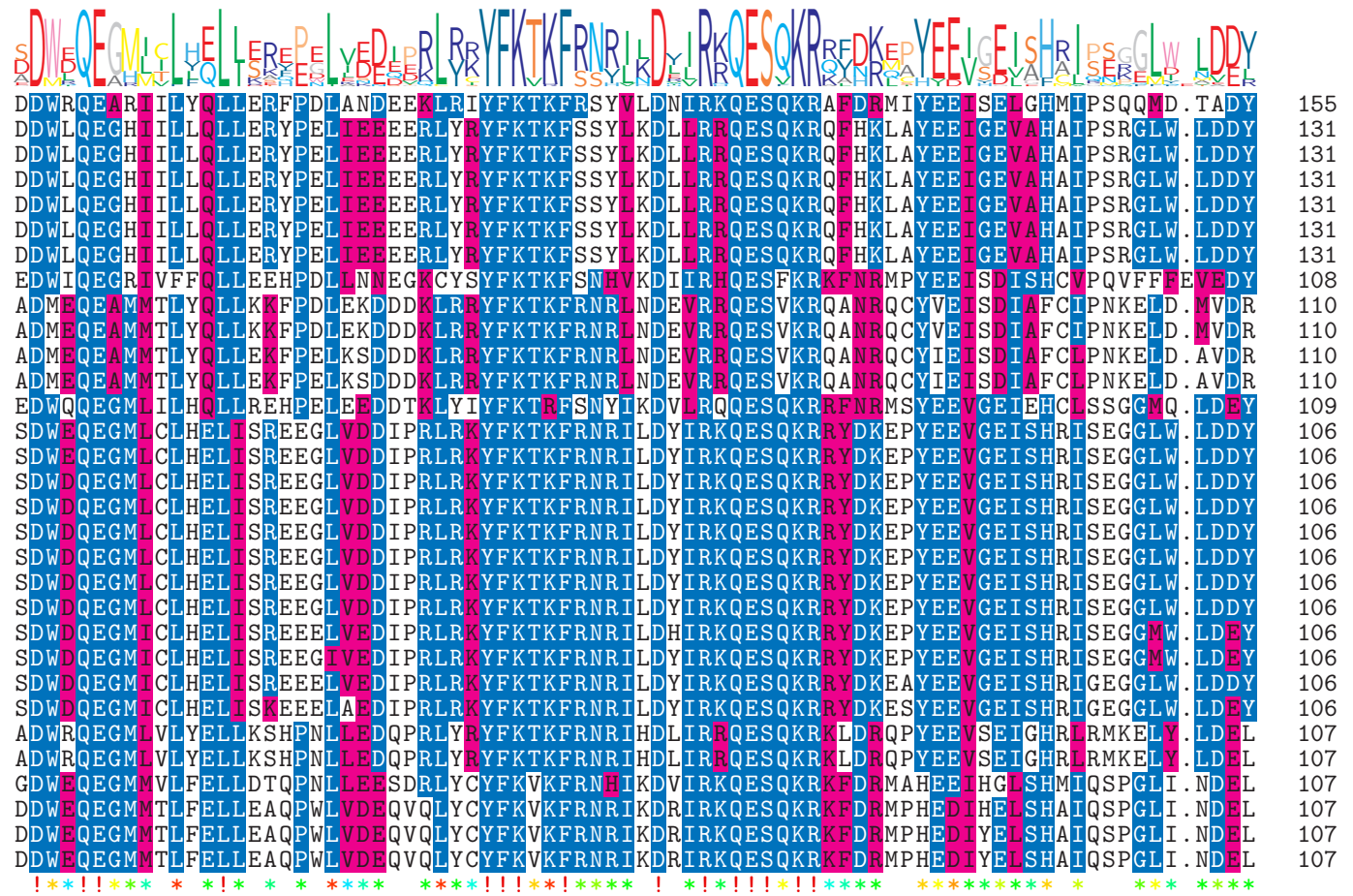


NTDB id 582 DLJ51 RS00505 WP 002962720.1
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NTDB id 442 SPYM3 RS08515 WP 011106595.1
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NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1
NTDB id 554 STRINF RS00370 WP 115283725.1
NTDB id 320 STU RS10340 WP 002949220.1
NTDB id 47 STER RS00925 WP 002949220.1
NTDB id 468 HSISS4 RS00725 WP 021143466.1
NTDB id 50 STRSA0001 RS07545 WP 002885610.1
NTDB id 44 SMU RS09085 WP 002263585.1
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NTDB id 210 SPD RS00065 WP 000588897.1
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NTDB id 457 SSUD9 RS00080 WP 002936602.1
NTDB id 461 GPW51 RS00080 WP 011921639.1
NTDB id 454 SSU RS00080 WP 011921639.1
consensus

MS	CCFFVVL	FILGIVKKRRL	KMSIETRAAF	FKVKPTIL	KLKRHHY	YIQLWDR	
MDKEKLKEIFNKHSA	LP	EEV	EEFDDGMVKEVITAGLLFCLKEVL	...	DMDDSS	VSASRVEKTVSKLAKDYYIKLWTY	76
MS	CCFFVVL	FILGIVKKRRL	KMSIETRAAF	FKVKPTIL	KLKRHHY	YIQLWDR	52
MS	CCFFVVL	FILGIVKKRRL	KMSIETRAAF	FKVKPTIL	KLKRHHY	YIQLWDR	52
MS	CCFFVVL	FILGIVKKRRL	KMSIETRAAF	FKVKPTIL	KLKRHHY	YIQLWDR	52
MS	CCFFVVL	FILGIVKKRRL	KMSIETRAAF	FKVKPTIL	KLKRHHY	YIQLWDR	52
MS	CCFFVVL	FILGIVKKRRL	KMSIETRAAF	FKVKPTIL	KLKRHHY	YIQLWDR	52
MS	CCFFVVL	FILGIVKKRRL	KMSIETRAAF	FKVKPTIL	KLKRHHY	YIQLWDR	52
MD	FERYF	QTVKPI	ILKLRRHY	FVKLWDY			28
MEQEV	FVKAYEKVRPI	VLKAFRQY	FIQLWDQ				31
MEQEV	FVKAYEKVRPI	VLKAFRQY	FIQLWDQ				31
MEQEV	FVHAYEVVRPI	VLKASRQY	FIQLWDQ				31
MEQEV	FVHAYEVVRPI	VLKASRQY	FIQLWDL				31
MEED	FEIVFNKVKPI	IVWKLS	RYFFIK	MWTR			30
MIKEL	YEEVQGT	VYKCRNEY	LHLWEL				27
MIKEL	YEEVQGT	VYKCRNEY	LHLWEL				27
MIKEL	YEEVQGT	VYKCRNEY	LHLWEL				27
MIKEL	YEEVQGT	VYKCRNEY	LHLWEL				27
MIKEL	YEEVQGT	VYKCRNEY	LHLWEL				27
MIKEL	YEEVQGT	VYKCRNEY	LHLWEL				27
MIKEL	YEEVQGT	VYKCRNEY	LHLWEL				27
MFKEL	YEEVQ	GIVYKCRNEY	LHLWEL				27
MFKEL	YEEVQ	GIVYKCRNEY	LHLWEL				27
MFKEL	YKEVQ	GIVYKSRNEY	LHLWEL				27
MFKEL	YKEVQ	GIVYKSRNEY	LHLWEL				27
MKFED	VYKQVE	GIVKRCYKDYY	LHLWEY				28
MKFED	VYKQVE	GIVKRCYKDYY	LHLWEY				28
MBFEK	VYSKV	GIVHKARKDFY	VKLWEK				28
MBFEK	VYASV	GIVNKARKEFY	IKLWDR				28
MBFEK	VYASV	GIVNKARKEFY	IKLWDR				28
MBFEK	VYASV	GIVNKARKEFY	IKLWDR				28

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consensus



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NTDB id 582 DLJ51 RS00505 WP 002962720.1	CALKEKLLKELKQKLLAPEDYAKILLLMRGGAFKGRSAFLKDKVBFEDFDEDN...	207
NTDB id 450 SPYM18 RS08475 WP 011018214.1	VAYQEVIIASLENQLNSQERMQFKALIRGERFKGRHALLRKISPYFKEFAAQL...	183
NTDB id 449 SPYM18 RS01395 WP 011018214.1	VAYQEVIIASLENQLNSQERMQFKALIRGERFKGRHALLRKISPYFKEFAAQL...	183
NTDB id 442 SPYM3 RS08515 WP 011106595.1	VAYQEVIIASLENQLNSQERMQFKALIRGERFKGRHALLRKISPYFKEFAAQL...	183
NTDB id 441 SPYM3 RS01385 WP 011106595.1	VAYQEVIIASLENQLNSQERMQFKALIRGERFKGRHALLRKISPYFKEFAAQL...	183
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1	VAYQEVIIASLENQLNSQERMQFKALIRGERFKGRHALLRKISPYFKEFAAQL...	183
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1	VAYQEVIIASLENQLNSQERMQFKALIRGERFKGRHALLRKISPYFKEFAAQL...	183
NTDB id 554 STRINF RS00370 WP 115283725.1	VAYQDSLACLRRTLGREDRLKLEKVIIRGERFCKKAFLLKSLIEIYFSDFRP....	158
NTDB id 320 STU RS10340 WP 002949220.1	LAYDEQLNAFREQLSSEDSLKLDRLLGCECFGRKKMIRELRFWMVDFDPCNEED	165
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NTDB id 468 HSISS4 RS00725 WP 021143466.1	LVYDEQLNAFRNQLSSEDATKLDRLLAGCECFGRKKMIRELRFWMVDFDPYNEDD	165
NTDB id 50 STRSA0001 RS07545 WP 002885610.1	LVYDEQLNAFRNQLSSEDATKLDRLLAGCECFGRKKMIRELRFWMVDFDPYNEDD	165
NTDB id 44 SMU RS09085 WP 002263585.1	ILFRDSSLAYKQGLSTEQELFERLVAGEHFLGRQSMKDLKKKLSDFKEK...	160
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NTDB id 251 KZH43 RS09050 WP 000588897.1	YLFHETLRDYRNKQSKQKQEEELERVLSNERFGRQVLRDLRIVFKEFTIRTH..	159
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NTDB id 517 SMSK321 RS10700 WP 000471945.1	YLFHETLRDYRSKQSKDKQEEELERVLRHERFGRQVLRDLRIVFKEFDIRTQ..	159
NTDB id 516 SMSK321 RS09125 WP 000471944.1	YLFHETLRDYRSKQSKDKQEEELERVLRHERFGRQVLRDLRIVFKEFDIRTR..	159
NTDB id 424 SGO RS10430 WP 012130755.1	VAFRSAMSEYRSRLSPPEAKQYERLMADERFKGRKAMLKDL SYHLRDFNPRLD..	160
NTDB id 423 SGO RS08370 WP 012130755.1	VAFRSAMSEYRSRLSPPEAKQYERLMADERFKGRKAMLKDL SYHLRDFNPRLD..	160
NTDB id 91162 L6419 RS00455 WP 155973900.1	LMRLAALREYRKNLSPSQQENYKLMSCGCFNGRRKMIRDLQIHLKDFR.....	156
NTDB id 457 SSUD9 RS00080 WP 002936602.1	LMRLGALRDYRKNLSNDQLDKYEKLISGQCFNGRREMIRDLQIHLKDFR.....	156
NTDB id 461 GPW51 RS00080 WP 011921639.1	LMRLGALRDYRKNLSNDQLDKYEKLISGQCFNGRREMIRDLQIHLKDFR.....	156
NTDB id 454 SSU RS00080 WP 011921639.1	LMRLGALRDYRKNLSNDQLDKYEKLISGQCFNGRREMIRDLQIHLKDFR.....	156
consensus	*** * ***** ** * * ***** ***! *! ***** ***!	

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