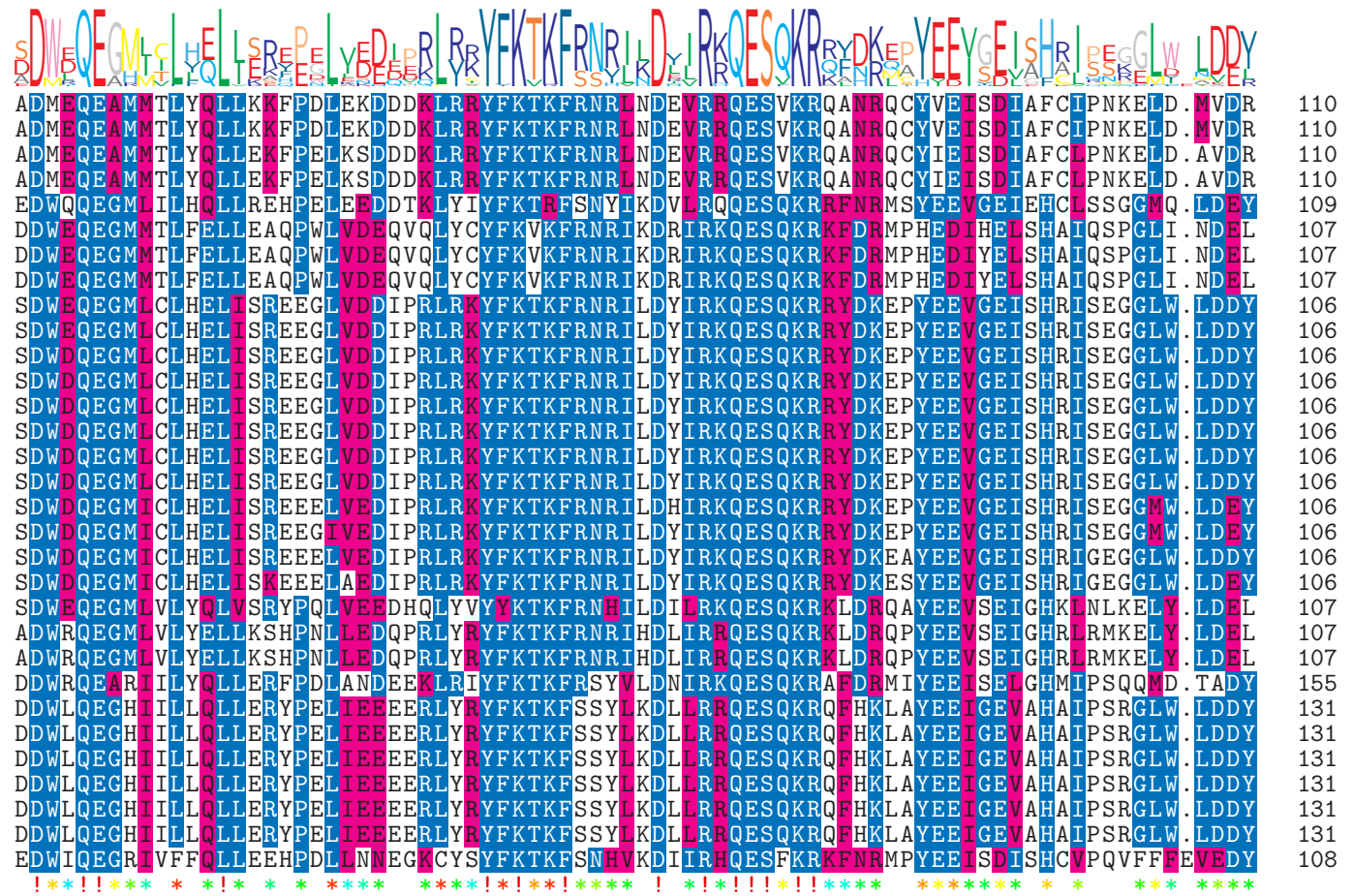


NTDB	id	320	STU	RS10340	WP	002949220.1	MEQEVFVKAYEKVVRPIVLKAFRRQYFIQLWDQ	31
NTDB	id	47	STER	RS00925	WP	002949220.1	MEQEVFVKAYEKVVRPIVLKAFRRQYFIQLWDQ	31
NTDB	id	50	STRSA0001	RS07545	WP	002885610.1	MEQEVFVHAYEVVRPIVLKASRRQYFIQLWDL	31
NTDB	id	468	HSISS4	RS00725	WP	021143466.1	MEQEVFVHAYEVVRPIVLKASRRQYFIQLWDQ	31
NTDB	id	44	SMU	RS09085	WP	002263585.1	MEEDFEIVFNKVKPIVWKLRSRYFIKMWTR	30
NTDB	id	457	SSUD9	RS00080	WP	002936602.1	MEFEKVVYASVKGIVNKKARKEFYIKLWDR	28
NTDB	id	461	GPW51	RS00080	WP	011921639.1	MEFEKVVYASVKGIVNKKARKEFYIKLWDR	28
NTDB	id	454	SSU	RS00080	WP	011921639.1	MEFEKVVYASVKGIVNKKARKEFYIKLWDR	28
NTDB	id	141	SP	RS10155	WP	000588925.1	MIKELYEEVQGTIVYKCRNEYYLHLWEL	27
NTDB	id	140	SP	RS00070	WP	000588925.1	MIKELYEEVQGTIVYKCRNEYYLHLWEL	27
NTDB	id	252	KZH43	RS09050	WP	000588897.1	MIKELYEEVQGTIVYKCRNEYYLHLWEL	27
NTDB	id	251	KZH43	RS09050	WP	000588897.1	MIKELYEEVQGTIVYKCRNEYYLHLWEL	27
NTDB	id	211	SPD	RS09675	WP	000588897.1	MIKELYEEVQGTIVYKCRNEYYLHLWEL	27
NTDB	id	210	SPD	RS00065	WP	000588897.1	MIKELYEEVQGTIVYKCRNEYYLHLWEL	27
NTDB	id	177	SPR	RS09210	WP	000588897.1	MIKELYEEVQGTIVYKCRNEYYLHLWEL	27
NTDB	id	176	SPR	RS00065	WP	000588897.1	MIKELYEEVQGTIVYKCRNEYYLHLWEL	27
NTDB	id	489	SM12261	RS01070	WP	000471940.1	MFKELYEEVQGIVYKCRNEYYLHLWEL	27
NTDB	id	488	SM12261	RS00065	WP	000471939.1	MFKELYEEVQGIVYKCRNEYHILHLWEL	27
NTDB	id	517	SMSK321	RS10700	WP	000471945.1	MFKELYKEVQGIVYKSRNEYYLHLWEL	27
NTDB	id	516	SMSK321	RS09125	WP	000471944.1	MFKELYKEVQGIVYKSRNEYYLHLWEL	27
NTDB	id	1127382	FGK97	RS00075	WP	021001138.1	MEFKELYGKVRGIVLKCRRDYYVHLWEL	28
NTDB	id	424	SGO	RS10430	WP	012130755.1	MKFEDVYKQVEGIVKRCYKDYLLHLWEY	28
NTDB	id	423	SGO	RS08370	WP	012130755.1	MKFEDVYKQVEGIVKRCYKDYLLHLWEY	28
NTDB	id	582	DLJ51	RS00505	WP	002962720.1	MDKEKLKEIFNKHSALPEEVEEFDDGMVKEVITAGLLFCLKEVL...DMDDSSFVSAFSRVEKTVSKLAKDYYIKLWTY	76
NTDB	id	450	SPYM18	RS08475	WP	011018214.1	MS..CCFFVVLFILGIVKKKRLKMSIETRAAFKEVKVPIILKLKRHHYIQLWDR	52
NTDB	id	449	SPYM18	RS01395	WP	011018214.1	MS..CCFFVVLFILGIVKKKRLKMSIETRAAFKEVKVPIILKLKRHHYIQLWDR	52
NTDB	id	442	SPYM3	RS08515	WP	011106595.1	MS..CCFFVVLFILGIVKKKRLKMSIETRAVFEKVKVPIILKLKRHHYIQLWDR	52
NTDB	id	441	SPYM3	RS01385	WP	011106595.1	MS..CCFFVVLFILGIVKKKRLKMSIETRAVFEKVKVPIILKLKRHHYIQLWDR	52
NTDB	id	448	SpyM6JRS4	RS07800	WP	010921894.1	MS..CCFFVVLFILGIVKKKRLKMSIETRAAFKEVKVPIILKLKRHHYIQLWDR	52
NTDB	id	447	SpyM6JRS4	RS01370	WP	010921894.1	MS..CCFFVVLFILGIVKKKRLKMSIETRAAFKEVKVPIILKLKRHHYIQLWDR	52
NTDB	id	554	STRINF	RS00370	WP	115283725.1	MDFERYFQTVKPIILKLRRHHYFVKLWDY	28
consensus								** * * * ! * * * * * * * * * ! * *

NTDB id 320 STU RS10340 WP 002949220.1
NTDB id 47 STER RS00925 WP 002949220.1
NTDB id 50 STRSA0001 RS07545 WP 002885610.1
NTDB id 468 HISS14 RS00725 WP 021143466.1
NTDB id 44 SMU RS09085 WP 002263585.1
NTDB id 457 SSUD9 RS00080 WP 002936602.1
NTDB id 461 GPW51 RS00080 WP 011921639.1
NTDB id 454 SSSU RS00080 WP 011921639.1
NTDB id 141 SP RS10155 WP 000588925.1
NTDB id 140 SP RS00070 WP 000588925.1
NTDB id 252 KZH43 RS09050 WP 000588897.1
NTDB id 251 KZH43 RS09050 WP 000588897.1
NTDB id 211 SPD RS09675 WP 000588897.1
NTDB id 210 SPD RS00065 WP 000588897.1
NTDB id 177 SPR RS09210 WP 000588897.1
NTDB id 176 SPR RS00065 WP 000588897.1
NTDB id 489 SM12261 RS01070 WP 000471940.1
NTDB id 488 SM12261 RS00065 WP 000471939.1
NTDB id 517 SMSK321 RS10700 WP 000471945.1
NTDB id 516 SMSK321 RS09125 WP 000471944.1
NTDB id 1127382 FGK97 RS00075 WP 021001138.1
NTDB id 424 SGO RS10430 WP 012130755.1
NTDB id 423 SGO RS08370 WP 012130755.1
NTDB id 582 DLJ51 RS00505 WP 002962720.1
NTDB id 450 SPYM18 RS08475 WP 011018214.1
NTDB id 449 SPYM18 RS01395 WP 011018214.1
NTDB id 442 SPYM3 RS08515 WP 011106595.1
NTDB id 441 SPYM3 RS01385 WP 011106595.1
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1
NTDB id 554 STRINF RS00370 WP 115283725.1
consensus



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NTDB id 320 STU RS10340 WP 002949220.1	YLFHETLRDYNRKLSKEKQEEELERLLRSEFRPQRYLRDLRIYFKEFERLRTH	165
NTDB id 47 STER RS00925 WP 002949220.1	LAYDEQLNAFREQLSSEDSLKLDRLLGGECFRGRKKMIRELRFWMVDFDPCNEED	165
NTDB id 50 STRSA0001 RS07545 WP 002885610.1	LAYDEQLNAFREQLSSEDSLKLDRLLGGECFRGRKKMIRELRFWMVDFDPCNEED	165
NTDB id 468 HSISS4 RS00725 WP 021143466.1	LVYDEQLNAFRNQLSSEDA TKLDRLLAGECFRGRKKMIRELRFWMVDFDPYNEDD	165
NTDB id 44 SMU RS09085 WP 002263585.1	ILFRDLSLAYKQGLSTEKQELFERLVAGEHFLGRQSM LKDLRKKLSDFKEK....	160
NTDB id 457 SSUD9 RS00080 WP 002936602.1	LMLRGALRDYRKNLSNDQLDKYEKLISGQCFNGRREMIRD LQIHLKDFR.....	156
NTDB id 461 GPW51 RS00080 WP 011921639.1	LMLRGALRDYRKNLSNDQLDKYEKLISGQCFNGRREMIRD LQIHLKDFR.....	156
NTDB id 454 SSU RS00080 WP 011921639.1	LMLRGALRDYRKNLSNDQLDKYEKLISGQCFNGRREMIRD LQIHLKDFR.....	156
NTDB id 141 SP RS10155 WP 000588925.1	YLFHETLRDYNRKQSKEKQEEELERVLSNERFGRQRVLRDLRIVFKEFTIRTH..	159
NTDB id 140 SP RS00070 WP 000588925.1	YLFHETLRDYNRKQSKEKQEEELERVLSNERFGRQRVLRDLRIVFKEFTIRTH..	159
NTDB id 252 KZH43 RS09050 WP 000588897.1	YLFHETLRDYNRKQSKEKQEEELERVLSNERFGRQRVLRDLRIVFKEFTIRTH..	159
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NTDB id 211 SPD RS09675 WP 000588897.1	YLFHETLRDYNRKQSKEKQEEELERVLSNERFGRQRVLRDLRIVFKEFTIRTH..	159
NTDB id 210 SPD RS00065 WP 000588897.1	YLFHETLRDYNRKQSKEKQEEELERVLSNERFGRQRVLRDLRIVFKEFTIRTH..	159
NTDB id 177 SPR RS09210 WP 000588897.1	YLFHETLRDYNRKQSKEKQEEELERVLSNERFGRQRVLRDLRIVFKEFTIRTH..	159
NTDB id 176 SPR RS00065 WP 000588897.1	YLFHETLRDYNRKQSKEKQEEELERVLSNERFGRQRVLRDLRIVFKEFTIRTH..	159
NTDB id 489 SM12261 RS01070 WP 000471940.1	YLFHETLRDYNRKQSKDKQEEELERVLRHERFGRQRVLRDLRIVFKEFDIRTH..	159
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NTDB id 517 SMSK321 RS10700 WP 000471945.1	YLFHETLRDYRSKQSKDKQEEELERVLRHERFGRQRVLRDLRIVFKEFDIRTQ..	159
NTDB id 516 SMSK321 RS09125 WP 000471944.1	YLFHETLRDYRSKQSKDKQEEELERVLRHERFGRQRVLRDLRIVFKEFDIRTR..	159
NTDB id 1127382 FGK97 RS00075 WP 021001138.1	VILRDQLKSYQAQLSSEKQEYERLLADERFKGRQAMIREL RAYLKDYSD.....	157
NTDB id 424 SGO RS10430 WP 012130755.1	VAFRSAMSEYRSRLSPEEAKQYERLMADERFKGRKAM LKDL SYHLRDFNPRLD..	160
NTDB id 423 SGO RS08370 WP 012130755.1	VAFRSAMSEYRSRLSPEEAKQYERLMADERFKGRKAM LKDL SYHLRDFNPRLD..	160
NTDB id 582 DLJ51 RS00505 WP 002962720.1	CALKKEKLKELKQKLAPEDYAKILLLMRGGA FKRSAFIKDKVFEFEDFEDN...	207
NTDB id 450 SPYM18 RS08475 WP 011018214.1	VAYQEVITASLENQLNSQERMQFKALIRGERFKGRRALLRKISP YFKEFAQQL...	183
NTDB id 449 SPYM18 RS01395 WP 011018214.1	VAYQEVITASLENQLNSQERMQFKALIRGERFKGRRALLRKISP YFKEFAQQL...	183
NTDB id 442 SPYM3 RS08515 WP 011106595.1	VAYQEVITASLENQLNSQERMQFKALIRGERFKGRRALLRKISP YFKEFAQQL...	183
NTDB id 441 SPYM3 RS01385 WP 011106595.1	VAYQEVITASLENQLNSQERMQFKALIRGERFKGRRALLRKISP YFKEFAQQL...	183
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1	VAYQEVITASLENQLNSQERMQFKALIRGERFKGRRALLRKISP YFKEFAQQL...	183
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1	VAYQEVITASLENQLNSQERMQFKALIRGERFKGRRALLRKISP YFKEFAQQL...	183
NTDB id 554 STRINF RS00370 WP 115283725.1	VAYQDSLACL RRTLGR EDRLKLEKVI RGERFECKKAF LKSTEL YFSDFRP.....	158
consensus	*** * ***** ** * * ***** **!*!* ***** ****	

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