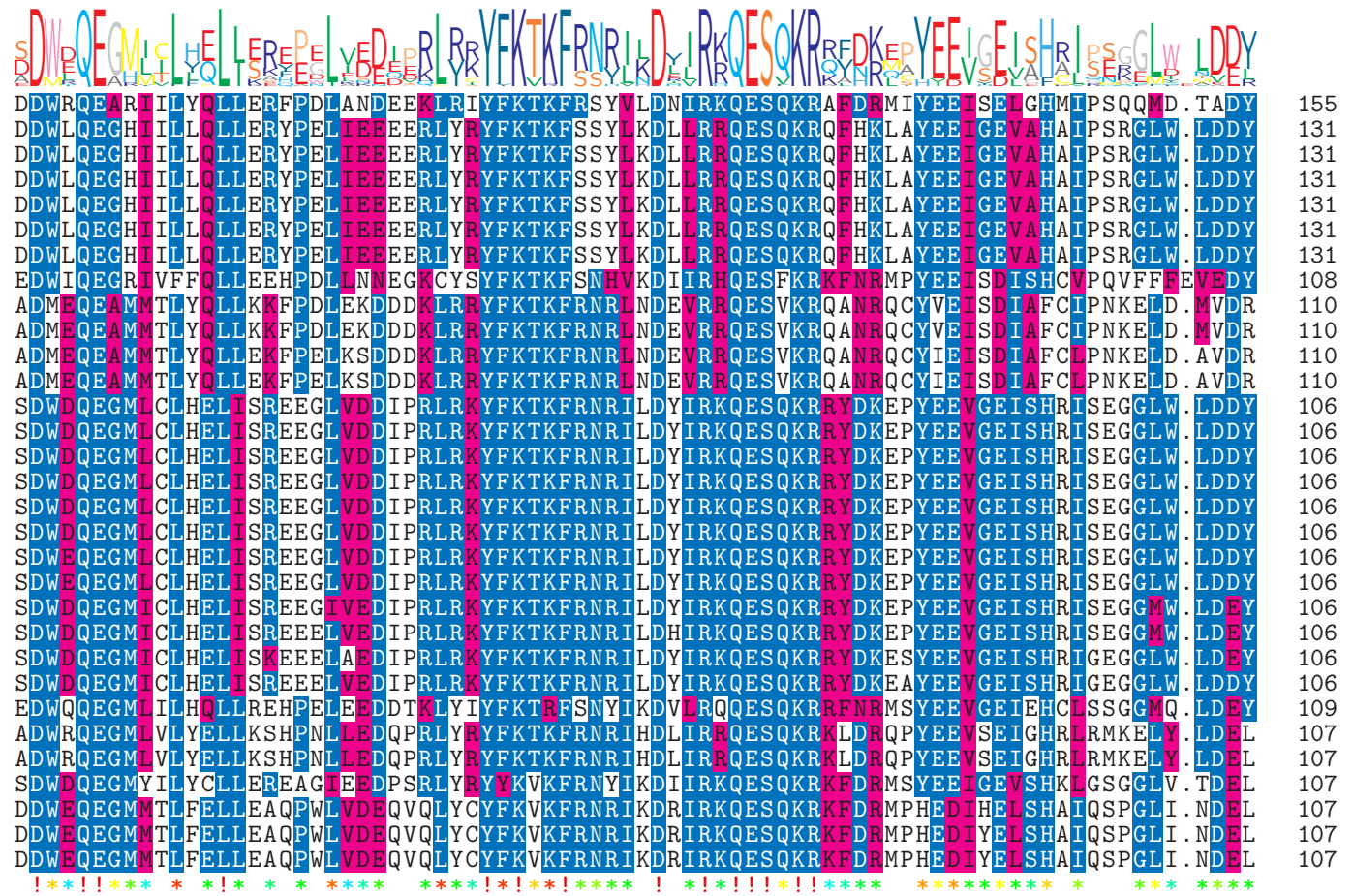


NTDB id 582 DLJ51 RS00505 WP 002962720.1
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NTDB id 442 SPYM3 RS08515 WP 011106595.1
NTDB id 441 SPYM3 RS01385 WP 011106595.1
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1
NTDB id 554 STRINF RS00370 WP 115283725.1
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 HS1SS4 RS00725 WP 021143466.1
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 141 SP RS10155 WP 000588925.1
NTDB id 140 SP RS00070 WP 000588925.1
NTDB id 488 SM12261 RS00065 WP 000471939.1
NTDB id 489 SM12261 RS01070 WP 000471940.1
NTDB id 516 SMSK321 RS09125 WP 000471944.1
NTDB id 517 SMSK321 RS10700 WP 000471945.1
NTDB id 44 SMU RS09085 WP 002263585.1
NTDB id 424 SGO RS10430 WP 012130755.1
NTDB id 423 SGO RS08370 WP 012130755.1
NTDB id 177444 A4H00 RS05830 WP 067086464.1
NTDB id 457 SSUD9 RS00080 WP 002936602.1
NTDB id 461 GPW51 RS00080 WP 011921639.1
NTDB id 454 SSU RS00080 WP 011921639.1
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NTDB id 582 DLJ51 RS00505 WP 002962720.1
NTDB id 450 SPYM18 RS08475 WP 011018214.1
NTDB id 449 SPYM18 RS01395 WP 011018214.1
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NTDB id 517 SMSK321 RS10700 WP 000471945.1
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NTDB id 423 SGO RS08370 WP 012130755.1
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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
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NTDB id 582 DLJ51 RS00505 WP 002962720.1	CALKEK	LKELKQK	LAP	EDYAK	ILL	LMRGGA	FKGRSA	FIKD	IKV	EFED	FDEDN...	207					
NTDB id 450 SPYM18 RS08475 WP 011018214.1	VAYQEV	IASLEN	QLNS	QERM	QFKAL	IRGER	FKGR	RALL	LRKI	SPY	FKEFA	QQL...	183				
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NTDB id 441 SPYM3 RS01385 WP 011106595.1	VAYQEV	IASLEN	QLNS	QERM	QFKAL	IRGER	FKGR	RALL	LRKI	SPY	FKEFA	QQL...	183				
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1	VAYQEV	IASLEN	QLNS	QERM	QFKAL	IRGER	FKGR	RALL	LRKI	SPY	FKEFA	QQL...	183				
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1	VAYQEV	IASLEN	QLNS	QERM	QFKAL	IRGER	FKGR	RALL	LRKI	SPY	FKEFA	QQL...	183				
NTDB id 554 STRINF RS00370 WP 115283725.1	VAYQD	SLACL	RRT	LGR	EDRL	KLEK	VIR	GERF	EKGK	AF	LKSI	ELY	FSD	FRP.....	158		
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NTDB id 47 STER RS00925 WP 002949220.1	LAYDE	QLNA	FREQ	LSS	EDSLK	LDRL	LG	CE	FR	GRKK	MIRE	LRF	WMV	DFD	PCNEED	165	
NTDB id 50 STRSA0001 RS07545 WP 002885610.1	LVYDE	QLNA	FRN	QLSS	EDATK	LDRL	LG	CE	FR	GRKK	MIRE	LKF	WMV	DFD	PYNEDD	165	
NTDB id 468 HSISS4 RS00725 WP 021143466.1	LVYDE	QLNA	FRN	QLSS	EDATK	LDRL	LG	CE	FR	GRKK	MIRE	LKF	WMV	DFD	PYNEDD	165	
NTDB id 252 KZH43 RS09050 WP 000588897.1	YLFHET	LRD	YRNK	Q	SKEK	QEE	LERV	LS	NERF	FR	GRQ	VR	LRDL	RIV	FKEFT	TIRTH..	159
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NTDB id 211 SPD RS09675 WP 000588897.1	YLFHET	LRD	YRNK	Q	SKEK	QEE	LERV	LS	NERF	FR	GRQ	VR	LRDL	RIV	FKEFT	TIRTH..	159
NTDB id 210 SPD RS00065 WP 000588897.1	YLFHET	LRD	YRNK	Q	SKEK	QEE	LERV	LS	NERF	FR	GRQ	VR	LRDL	RIV	FKEFT	TIRTH..	159
NTDB id 177 SPR RS09210 WP 000588897.1	YLFHET	LRD	YRNK	Q	SKEK	QEE	LERV	LS	NERF	FR	GRQ	VR	LRDL	RIV	FKEFT	TIRTH..	159
NTDB id 176 SPR RS00065 WP 000588897.1	YLFHET	LRD	YRNK	Q	SKEK	QEE	LERV	LS	NERF	FR	GRQ	VR	LRDL	RIV	FKEFT	TIRTH..	159
NTDB id 141 SP RS10155 WP 000588925.1	YLFHET	LRD	YRNK	Q	SKEK	QEE	LERV	LS	NERF	FR	GRQ	VR	LRDL	RIV	FKEFT	TIRTH..	159
NTDB id 140 SP RS00070 WP 000588925.1	YLFHET	LRD	YRNK	Q	SKEK	QEE	LERV	LS	NERF	FR	GRQ	VR	LRDL	RIV	FKEFT	TIRTH..	159
NTDB id 488 SM12261 RS00065 WP 000471939.1	YLFHET	LRD	YRNK	Q	SKDK	QEE	LERV	LR	RHER	FR	GRQ	VR	LRDL	RIV	FKEFD	IRTH..	159
NTDB id 489 SM12261 RS01070 WP 000471940.1	YLFHET	LRD	YRNK	Q	SKDK	QEE	LERV	LR	RHER	FR	GRQ	VR	LRDL	RIV	FKEFD	IRTH..	159
NTDB id 516 SMSK321 RS09125 WP 000471944.1	YLFHET	LRD	YRSK	Q	SKDK	QEE	LERV	LR	RHER	FR	GRQ	VR	LRDL	RIV	FKEFD	IRTR..	159
NTDB id 517 SMSK321 RS10700 WP 000471945.1	YLFHET	LRD	YRSK	Q	SKDK	QEE	LERV	LR	RHER	FR	GRQ	VR	LRDL	RIV	FKEFD	IRTQ..	159
NTDB id 44 SMU RS09085 WP 002263585.1	ILFR	DSLLAY	KQGL	ST	EKQEL	FER	LV	AGE	HFL	GRQ	SML	KDL	KKLS	DF	KEK...	160	
NTDB id 424 SGO RS10430 WP 012130755.1	VAFRSAM	SEYRSRL	SP	EEAKQY	ERLM	ADERF	KGRK	AML	KDL	SYHL	RDF	NPR	LD..	160			
NTDB id 423 SGO RS08370 WP 012130755.1	VAFRSAM	SEYRSRL	SP	EEAKQY	ERLM	ADERF	KGRK	AML	KDL	SYHL	RDF	NPR	LD..	160			
NTDB id 177444 A4H00 RS05830 WP 067086464.1	ICLR	DR	LSSYS	SQL	SE	EEV	GQY	EL	LIS	GRN	FKGR	KKML	REL	RV	YLED.....	154	
NTDB id 457 SSUD9 RS00080 WP 002936602.1	LMLRGAL	RDYRNK	LSND	QLDKY	EKL	IS	GC	CFN	GR	RE	MI	RD	LQIHL	KDFR.....	156		
NTDB id 461 GPW51 RS00080 WP 011921639.1	LMLRGAL	RDYRNK	LSND	QLDKY	EKL	IS	GC	CFN	GR	RE	MI	RD	LQIHL	KDFR.....	156		
NTDB id 454 SSU RS00080 WP 011921639.1	LMLRGAL	RDYRNK	LSND	QLDKY	EKL	IS	GC	CFN	GR	RE	MI	RD	LQIHL	KDFR.....	156		
consensus	***	*	*	****	**	*	*****	***	!!	*****	*****	***	*				

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