

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 HSISS4 RS00725 WP 021143466.1
NTDB id 582 LDJ51 RS00505 WP 002962720.1
NTDB id 457 SSUD9 RS00080 WP 002936602.1
NTDB id 461 GPW51 RS00080 WP 011921639.1
NTDB id 454 SSU RS00080 WP 011921639.1
NTDB id 424 SGO RS10430 WP 012130755.1
NTDB id 423 SGO RS08370 WP 012130755.1
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 44 SMU RS09085 WP 002263585.1
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 222924 A6J68 RS01755 WP 001204193.1
NTDB id 554 STRINF RS00370 WP 115283725.1
consensus

	MS	CCFFVVL	FILGIVKKRR	LKMS	ETRAAF	FEK	VP	IL	KL	RR	HY	Y	IQ	LW	DQ	
MEQEV	FVKA	YEK	VRP	IVL	KA	FR	QY	FI	QL	WD	Q					31
MEQEV	FVKA	YEK	VRP	IVL	KA	FR	QY	FI	QL	WD	Q					31
MEQEV	FVHA	YEV	VRP	IVL	KA	SR	QY	FI	QL	WD	Q					31
MEQEV	FVHA	YEV	VRP	IVL	KA	SR	QY	FI	QL	WD	Q					31
MDKEKLKEIFN	KHSALPEE	VEEFDD	GMVKE	VITAGLL	FCLKEV											76
LDMDDSS	FVSA	FSR	VEKT	VS	KLAK	DY	Y	IK	LW	TY						28
MEFEK	VYAS	VKG	IVN	KAR	KE	FY	IK	LW								28
MEFEK	VYAS	VKG	IVN	KAR	KE	FY	IK	LW								28
MEFEK	VYAS	VKG	IVN	KAR	KE	FY	IK	LW								28
MKFED	VYKQ	VEG	IVK	KRCY	KD	YY	LH	LW	WEY							28
MKFED	VYKQ	VEG	IVK	KRCY	KD	YY	LH	LW	WEY							28
MIKEL	YEEV	QGT	VYK	CR	NE	YY	LH	LW	EL							27
MIKEL	YEEV	QGT	VYK	CR	NE	YY	LH	LW	EL							27
MIKEL	YEEV	QGT	VYK	CR	NE	YY	LH	LW	EL							27
MIKEL	YEEV	QGT	VYK	CR	NE	YY	LH	LW	EL							27
MIKEL	YEEV	QGT	VYK	CR	NE	YY	LH	LW	EL							27
MIKEL	YEEV	QGT	VYK	CR	NE	YY	LH	LW	EL							27
MIKEL	YEEV	QGT	VYK	CR	NE	YY	LH	LW	EL							27
MIKEL	YEEV	QGT	VYK	CR	NE	YY	LH	LW	EL							27
MIKEL	YEEV	QGT	VYK	CR	NE	YY	LH	LW	EL							27
MIKEL	YEEV	QGT	VYK	CR	NE	YY	LH	LW	EL							27
MEED	FEI	VFN	KVKP	IV	WK	LS	RY	FI	KW	TR						30
MS	CCFFVVL	FILGIVKKRR	LKMS	ETRAAF	FEK	VP	IL	KL	RR	HY	Y	IQ	LW	DQ		52
MS	CCFFVVL	FILGIVKKRR	LKMS	ETRAAF	FEK	VP	IL	KL	RR	HY	Y	IQ	LW	DQ		52
MS	CCFFVVL	FILGIVKKRR	LKMS	ETRAAF	FEK	VP	IL	KL	RR	HY	Y	IQ	LW	DQ		52
MS	CCFFVVL	FILGIVKKRR	LKMS	ETRAAF	FEK	VP	IL	KL	RR	HY	Y	IQ	LW	DQ		52
MS	CCFFVVL	FILGIVKKRR	LKMS	ETRAAF	FEK	VP	IL	KL	RR	HY	Y	IQ	LW	DQ		52
MS	CCFFVVL	FILGIVKKRR	LKMS	ETRAAF	FEK	VP	IL	KL	RR	HY	Y	IQ	LW	DQ		52
MRD	FEEL	FDK	VKP	IV	MK	LR	NY	FV	Q	LW	EY					29
MD	FERY	FQ	TVKP	IL	KL	RR	HY	FV	K	LW	QY					28

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 HSISS4 RS00725 WP 021143466.1
NTDB id 582 DLJ51 RS00505 WP 002962720.1
NTDB id 457 SSUD9 RS00080 WP 002936602.1
NTDB id 461 GPW51 RS00080 WP 011921639.1
NTDB id 454 SSU RS00080 WP 011921639.1
NTDB id 424 SGO RS10430 WP 012130755.1
NTDB id 423 SGO RS08370 WP 012130755.1
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 44 SMU RS09085 WP 002263585.1
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 222924 A6J68 RS01755 WP 001204193.1
NTDB id 554 STRINF RS00370 WP 115283725.1
consensus

[illegible]

logo

NTDB id 320 STU RS10340 WP 002949220.1	LAYDEQLNAFREQLSSEDSLKLDRLLGGECFRGRKKMIRELRFWMVDFDPCNEED	165
NTDB id 47 STER RS00925 WP 002949220.1	LAYDEQLNAFREQLSSEDSLKLDRLLGGECFRGRKKMIRELRFWMVDFDPCNEED	165
NTDB id 50 STRSA0001 RS07545 WP 002885610.1	LVYDEQLNAFRNQLSSEDA TKLDRLLAGECFRGRKKMIRELRFWMVDFDPYNEDD	165
NTDB id 468 HSISS4 RS00725 WP 021143466.1	LVYDEQLNAFRNQLSSEDA TKLDRLLAGECFRGRKKMIRELRFWMVDFDPYNEDD	165
NTDB id 582 DLJ51 RS00505 WP 002962720.1	CALKEKLEKELKQKLAPEDYAKILLLMRGGAFFKGRSAFIKDKVEFEDFDEDN...	207
NTDB id 457 SSUD9 RS00080 WP 002936602.1	LMRLGALRDYRKNLSNDQLDKYEKLISGQCFNGRREMIRD LQIHLKDFR.....	156
NTDB id 461 GPW51 RS00080 WP 011921639.1	LMRLGALRDYRKNLSNDQLDKYEKLISGQCFNGRREMIRD LQIHLKDFR.....	156
NTDB id 454 SSU RS00080 WP 011921639.1	LMRLGALRDYRKNLSNDQLDKYEKLISGQCFNGRREMIRD LQIHLKDFR.....	156
NTDB id 424 SGO RS10430 WP 012130755.1	VAFRSAMSEYRSRLSPPEAKQYERLMADERFKGRKAMLKDL SYHLRDFNPRLD..	160
NTDB id 423 SGO RS08370 WP 012130755.1	VAFRSAMSEYRSRLSPPEAKQYERLMADERFKGRKAMLKDL SYHLRDFNPRLD..	160
NTDB id 141 SP RS10155 WP 000588925.1	YLFHETLRDYRNKQSKKEKQEEELERVLSNERFGRQRVLRDLRIVFKEFTIRTH..	159
NTDB id 140 SP RS00070 WP 000588925.1	YLFHETLRDYRNKQSKKEKQEEELERVLSNERFGRQRVLRDLRIVFKEFTIRTH..	159
NTDB id 252 KZH43 RS09050 WP 000588897.1	YLFHETLRDYRNKQSKKEKQEEELERVLSNERFGRQRVLRDLRIVFKEFTIRTH..	159
NTDB id 251 KZH43 RS09050 WP 000588897.1	YLFHETLRDYRNKQSKKEKQEEELERVLSNERFGRQRVLRDLRIVFKEFTIRTH..	159
NTDB id 211 SPD RS09675 WP 000588897.1	YLFHETLRDYRNKQSKKEKQEEELERVLSNERFGRQRVLRDLRIVFKEFTIRTH..	159
NTDB id 210 SPD RS00065 WP 000588897.1	YLFHETLRDYRNKQSKKEKQEEELERVLSNERFGRQRVLRDLRIVFKEFTIRTH..	159
NTDB id 177 SPR RS09210 WP 000588897.1	YLFHETLRDYRNKQSKKEKQEEELERVLSNERFGRQRVLRDLRIVFKEFTIRTH..	159
NTDB id 176 SPR RS00065 WP 000588897.1	YLFHETLRDYRNKQSKKEKQEEELERVLSNERFGRQRVLRDLRIVFKEFTIRTH..	159
NTDB id 489 SM12261 RS01070 WP 000471940.1	YLFHETLRDYRNKQSKDKQEEELERVLRHERFGRQRVLRDLRIVFKEFDIRTH..	159
NTDB id 488 SM12261 RS00065 WP 000471939.1	YLFHETLRDYRNKQSKDKQEEELERVLRHERFGRQRVLRDLRIVFKEFDIRTH..	159
NTDB id 517 SMSK321 RS10700 WP 000471945.1	YLFHETLRDYRSKQSKDKQEEELERVLRHERFGRQRVLRDLRIVFKEFDIRTQ..	159
NTDB id 516 SMSK321 RS09125 WP 000471944.1	YLFHETLRDYRSKQSKDKQEEELERVLRHERFGRQRVLRDLRIVFKEFDIRTR..	159
NTDB id 44 SMU RS09085 WP 002263585.1	ILFRDSL LAYKQGLSTEKQELFERIVAGEHFLGRQSM LKDLRKKLSDFKEK....	160
NTDB id 450 SPYM18 RS08475 WP 011018214.1	VAYQEVVIASLENQLNSQERMQFKALIRGERFKGRHALLRKISPYFKEFAQQL...	183
NTDB id 449 SPYM18 RS01395 WP 011018214.1	VAYQEVVIASLENQLNSQERMQFKALIRGERFKGRHALLRKISPYFKEFAQQL...	183
NTDB id 442 SPYM3 RS08515 WP 011106595.1	VAYQEVVIASLENQLNSQERMQFKALIRGERFKGRHALLRKISPYFKEFAQQL...	183
NTDB id 441 SPYM3 RS01385 WP 011106595.1	VAYQEVVIASLENQLNSQERMQFKALIRGERFKGRHALLRKISPYFKEFAQQL...	183
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1	VAYQEVVIASLENQLNSQERMQFKALIRGERFKGRHALLRKISPYFKEFAQQL...	183
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1	VAYQEVVIASLENQLNSQERMQFKALIRGERFKGRHALLRKISPYFKEFAQQL...	183
NTDB id 222924 A6J68 RS01755 WP 001204193.1	IAYRDTLTKVEETLSDIDKEKFEKLINGERFACKKKFIRNIQPFENAFKAD....	159
NTDB id 554 STRINF RS00370 WP 115283725.1	VAYQDSLACLRLTLGREDR LKLEKVIRGERFECKKAF LKSTELVFSDFRP.....	158
consensus	*** * * ***** * * * * * ! * ! * * * * * * * * * * * * * * !	

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