

Accession	Protein	Length	Score	Identity	Similarity	Gap	Consensus
NTDB id 320	STU RS10340 WP 002949220.1	24	MEQEVFVKAYEKVRPIVLKAFRQY	24	MEQEVFVKAYEKVRPIVLKAFRQY	0	MEQEVFVKAYEKVRPIVLKAFRQY
NTDB id 47	STER RS00925 WP 002949220.1	24	MEQEVFVKAYEKVRPIVLKAFRQY	24	MEQEVFVKAYEKVRPIVLKAFRQY	0	MEQEVFVKAYEKVRPIVLKAFRQY
NTDB id 468	HSISS4 RS00725 WP 021143466.1	24	MEQEVFVHAYEVVRPIVLKASRQY	24	MEQEVFVHAYEVVRPIVLKASRQY	0	MEQEVFVHAYEVVRPIVLKASRQY
NTDB id 50	STRSA0001 RS07545 WP 002885610.1	24	MEQEVFVHAYEVVRPIVLKASRQY	24	MEQEVFVHAYEVVRPIVLKASRQY	0	MEQEVFVHAYEVVRPIVLKASRQY
NTDB id 44	SMU RS09085 WP 002263585.1	23	MEEDFEIVFNKVKPIVWKLRSRY	23	MEEDFEIVFNKVKPIVWKLRSRY	0	MEEDFEIVFNKVKPIVWKLRSRY
NTDB id 424	SGO RS10430 WP 012130755.1	21	MKFEDVYKQVEGIVKRCYKDY	21	MKFEDVYKQVEGIVKRCYKDY	0	MKFEDVYKQVEGIVKRCYKDY
NTDB id 423	SGO RS08370 WP 012130755.1	21	MKFEDVYKQVEGIVKRCYKDY	21	MKFEDVYKQVEGIVKRCYKDY	0	MKFEDVYKQVEGIVKRCYKDY
NTDB id 457	SSUD9 RS00080 WP 002936602.1	21	MEFEKVYASVKGIVNKARKEF	21	MEFEKVYASVKGIVNKARKEF	0	MEFEKVYASVKGIVNKARKEF
NTDB id 461	GPW51 RS00080 WP 011921639.1	21	MEFEKVYASVKGIVNKARKEF	21	MEFEKVYASVKGIVNKARKEF	0	MEFEKVYASVKGIVNKARKEF
NTDB id 454	SSU RS00080 WP 011921639.1	21	MEFEKVYASVKGIVNKARKEF	21	MEFEKVYASVKGIVNKARKEF	0	MEFEKVYASVKGIVNKARKEF
NTDB id 582	DLJ51 RS00505 WP 002962720.1	69	MDKEKLKEIFNKHSA LPEEVEEFDDGMVKEVITAGLLFCLKEVL...D	69	MDDSSFVSASF SRVEKTVSKLAKDY	0	MDDSSFVSASF SRVEKTVSKLAKDY
NTDB id 554	STRINF RS00370 WP 115283725.1	21	MDFERYFQTVKPIILKLRHY	21	MDFERYFQTVKPIILKLRHY	0	MDFERYFQTVKPIILKLRHY
NTDB id 442	SPYM3 RS08515 WP 011106595.1	45	MSCCFFVVLFILGIVKKKRLKMS	45	MSCCFFVVLFILGIVKKKRLKMS	0	MSCCFFVVLFILGIVKKKRLKMS
NTDB id 441	SPYM3 RS01385 WP 011106595.1	45	MSCCFFVVLFILGIVKKKRLKMS	45	MSCCFFVVLFILGIVKKKRLKMS	0	MSCCFFVVLFILGIVKKKRLKMS
NTDB id 448	SpyM6JRS4 RS07800 WP 010921894.1	45	MSCCFFVVLFILGIVKKKRLKMS	45	MSCCFFVVLFILGIVKKKRLKMS	0	MSCCFFVVLFILGIVKKKRLKMS
NTDB id 447	SpyM6JRS4 RS01370 WP 010921894.1	45	MSCCFFVVLFILGIVKKKRLKMS	45	MSCCFFVVLFILGIVKKKRLKMS	0	MSCCFFVVLFILGIVKKKRLKMS
NTDB id 450	SPYM18 RS08475 WP 011018214.1	45	MSCCFFVVLFILGIVKKKRLKMS	45	MSCCFFVVLFILGIVKKKRLKMS	0	MSCCFFVVLFILGIVKKKRLKMS
NTDB id 449	SPYM18 RS01395 WP 011018214.1	45	MSCCFFVVLFILGIVKKKRLKMS	45	MSCCFFVVLFILGIVKKKRLKMS	0	MSCCFFVVLFILGIVKKKRLKMS
consensus			MEQEVFVKAYEKVRPIVLKAFRQY		MEQEVFVKAYEKVRPIVLKAFRQY		MEQEVFVKAYEKVRPIVLKAFRQY

NTDB	id	320	STU	RS10340	WP	002949220.1	FIQLWDQADMEQEAMMTLYQLLKKFPDLEKDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYVEISDIAFCIPNKE	104
NTDB	id	47	STER	RS00925	WP	002949220.1	FIQLWDQADMEQEAMMTLYQLLKKFPDLEKDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYVEISDIAFCIPNKE	104
NTDB	id	468	HSIS4	RS00725	WP	021143466.1	FIQLWDQADMEQEAMMTLYQLLEKFPDLEKSDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYIETSDIAFCIPNKE	104
NTDB	id	50	STRSA0001	RS07545	WP	002885610.1	FIQLWDLADMEQEAMMTLYQLLEKFPDLEKSDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYIETSDIAFCIPNKE	104
NTDB	id	44	SMU	RS09085	WP	002263585.1	FIKMWTRLEDWQEGMLLHQLLREHPLEEDDTKLYIFKTRFSNYTKDVLRRQESQKRKFRNRSYEEVGEIEHCLSSGG	103
NTDB	id	424	SGO	RS10430	WP	012130755.1	YIHLWEYADWRQEGMLVLVELLKHSHPNLLEDQPRLYRYFKTKFRNRIHDLIRRRQESQKRKLDRQPYEEVSEIGHRLRMKE	101
NTDB	id	423	SGO	RS08370	WP	012130755.1	YIHLWEYADWRQEGMLVLVELLKHSHPNLLEDQPRLYRYFKTKFRNRIHDLIRRRQESQKRKLDRQPYEEVSEIGHRLRMKE	101
NTDB	id	457	SSUD9	RS00080	WP	002936602.1	YIKLWDRDDWEQEGMMTLFELLEAQPWLVDEQVQLCYCFKVKFRNRIKDRIRKQESQKRKFDRMPHEDIHLSHAITQSPG	101
NTDB	id	461	GPW51	RS00080	WP	011921639.1	YIKLWDRDDWEQEGMMTLFELLEAQPWLVDEQVQLCYCFKVKFRNRIKDRIRKQESQKRKFDRMPHEDIYELSHAITQSPG	101
NTDB	id	454	SSU	RS00080	WP	011921639.1	YIKLWDRDDWEQEGMMTLFELLEAQPWLVDEQVQLCYCFKVKFRNRIKDRIRKQESQKRKFDRMPHEDIYELSHAITQSPG	101
NTDB	id	582	DLJ51	RS00505	WP	002962720.1	YIKLWTYDDWRQEARILLYQLLRFDPDLANDEEKLRIYFKTKFRSYVLNIRKQESQKRAFDRMIYEEISLGHMIPSSQ	149
NTDB	id	554	STRINF	RS00370	WP	115283725.1	FVKLWDYEDWYIQEGRIVFFQLLEEHPDLINNEGKCVSYFKTKFSNHVKDIIRHQESFKRKFRNRPYEEISDISHCVPQVF	101
NTDB	id	442	SPYM3	RS08515	WP	011106595.1	YIQLWDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRG	125
NTDB	id	441	SPYM3	RS01385	WP	011106595.1	YIQLWDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRG	125
NTDB	id	448	SpyM6JRS4	RS07800	WP	010921894.1	YIQLWDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRG	125
NTDB	id	447	SpyM6JRS4	RS01370	WP	010921894.1	YIQLWDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRG	125
NTDB	id	450	SPYM18	RS08475	WP	011018214.1	YIQLWDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRG	125
NTDB	id	449	SPYM18	RS01395	WP	011018214.1	YIQLWDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRG	125
consensus							*****	125

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NTDB id 320 STU RS10340 WP 002949220.1	LD.MVDRLAYDEQLNAFREQLSSESLKLDRLIGGECFRGRKKMIRELRFWMVDFDPCNEED	165
NTDB id 47 STER RS00925 WP 002949220.1	LD.MVDRLAYDEQLNAFREQLSSESLKLDRLIGGECFRGRKKMIRELRFWMVDFDPCNEED	165
NTDB id 468 HSISS4 RS00725 WP 021143466.1	LD.AVDRLVYDEQLNAFRNQLSSEDA TKLDRLLAGECFRGRKKMIRELKFWMVDFDPYNEDD	165
NTDB id 50 STRSA0001 RS07545 WP 002885610.1	LD.AVDRLVYDEQLNAFRNQLSSEDA TKLDRLLAGECFRGRKKMIRELKFWMVDFDPYNEDD	165
NTDB id 44 SMU RS09085 WP 002263585.1	MQ.LDEYILFRDSSLAYKQGLSTEKQELFERLVAGEHFLGRQSMKDLRKKLSDFKEK....	160
NTDB id 424 SGO RS10430 WP 012130755.1	LY.LDELVAFRSAMSEYRSRLSPEEAKQYERLMADERFKGRKAMLKDLSYHLRDFNPRLD..	160
NTDB id 423 SGO RS08370 WP 012130755.1	LY.LDELVAFRSAMSEYRSRLSPEEAKQYERLMADERFKGRKAMLKDLSYHLRDFNPRLD..	160
NTDB id 457 SSUD9 RS00080 WP 002936602.1	LI.NDELLMLRGALRDYRK NLSNDQLDKYEKLISGQCFNGRREMIRD LQIHLKDFR.....	156
NTDB id 461 GPW51 RS00080 WP 011921639.1	LI.NDELLMLRGALRDYRK NLSNDQLDKYEKLISGQCFNGRREMIRD LQIHLKDFR.....	156
NTDB id 454 SSU RS00080 WP 011921639.1	LI.NDELLMLRGALRDYRK NLSNDQLDKYEKLISGQCFNGRREMIRD LQIHLKDFR.....	156
NTDB id 582 DLJ51 RS00505 WP 002962720.1	MD.TADYCALKEK LKELKQKLAPEDYAKILLMRGAFKGRSAFIKDIKVEFEDFDEDN...	207
NTDB id 554 STRINF RS00370 WP 115283725.1	FFEVEDYVAYQQLSLACLRR TLGREDRLKLEKVIRGERFECKKAFIKSTIELYFSDFRP.....	158
NTDB id 442 SPYM3 RS08515 WP 011106595.1	LW.LDDYVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL...	183
NTDB id 441 SPYM3 RS01385 WP 011106595.1	LW.LDDYVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL...	183
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1	LW.LDDYVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL...	183
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1	LW.LDDYVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL...	183
NTDB id 450 SPYM18 RS08475 WP 011018214.1	LW.LDDYVAYQEVIASLENQLNSQERMQFKALIRGERFKGRRALLRKISPYFKEFAQQL...	183
NTDB id 449 SPYM18 RS01395 WP 011018214.1	LW.LDDYVAYQEVIASLENQLNSQERMQFKALIRGERFKGRRALLRKISPYFKEFAQQL...	183
consensus	* *** ** * * *****!***** ***** * * !*!***** * ****!	

- non conserved
- similar
- ≥ 50% conserved