logo

Sequence	Alignment	
NTDB id 320 STU RS10340 WP 002949220.1	....MEQEVFVKAYEKVRPIVLKAFRQYFIQLWDQ	31
NTDB id 47 STER RS00925 WP 002949220.1	....MEQEVFVKAYEKVRPIVLKAFRQYFIQLWDQ	31
NTDB id 50 STRSA0001 RS07545 WP 002885610.1	....MEQEVFVHAYEVVRPIVLKASRQYFIQLWDL	31
NTDB id 468 HSISS4 RS00725 WP 021143466.1	....MEQEVFVHAYEVVRPIVLKASRQYFIQLWDQ	31
NTDB id 44 SMU RS09085 WP 002263585.1	....MEEDFEIVFNRVKPIVWKLSRYYFIKMWTR	30
NTDB id 489 SM12261 RS01070 WP 000471940.1	....MFKELYEEVQGIVYKCRNEYYLHLWEL	27
NTDB id 424 SGO RS10430 WP 012130755.1	....MKFEDVYKQVEGIVKRCYKDYYLHLWEY	28
NTDB id 423 SGO RS08370 WP 012130755.1	....MKFEDVYKQVEGIVKRCYKDYYLHLWEY	28
NTDB id 457 SSUD9 RS00080 WP 002936602.1	....MEFEKVYASVKGIVNKARKEFYIKLWDR	28
NTDB id 461 GPW51 RS00080 WP 011921639.1	....MEFEKVYASVKGIVNKARKEFYIKLWDR	28
NTDB id 454 SSU RS00080 WP 011921639.1	....MEFEKVYASVKGIVNKARKEFYIKLWDR	28
NTDB id 582 DLJ51 RS00505 WP 002962720.1	MDKEKLKEIFNKHSALPEEVEEFDDGMVKEVITAGLLFCLKEV....LDMDDSSFVSAFSRVEKTVSKLAKDYYIKLWTY	76
NTDB id 1119957 EL078 RS01535 WP 024344741.1	....MDFESYFETVKPIILKLRRHYFVKLWDY	28
NTDB id 554 STRINF RS00370 WP 115283725.1	....MDFERYFQTVKPIILKLRRHYFVKLWDY	28
NTDB id 450 SPYM18 RS08475 WP 011018214.1	.............................MS..CCFFVVLFILGIVKKKRRLKMSIETRAAFEKVKPIILKLKRHYYIQLWDR	52
NTDB id 449 SPYM18 RS01395 WP 011018214.1	.............................MS..CCFFVVLFILGIVKKKRRLKMSIETRAAFEKVKPIILKLKRHYYIQLWDR	52
NTDB id 442 SPYM3 RS08515 WP 011106595.1	.............................MS..CCFFVVLFILGIVKKKRRLKMSIETRAVFEKVKPIILKLKRHYYIQLWDR	52
NTDB id 441 SPYM3 RS01385 WP 011106595.1	.............................MS..CCFFVVLFILGIVKKKRRLKMSIETRAVFEKVKPIILKLKRHYYIQLWDR	52
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1	.............................MS..CCFFVVLFILGIVKKKRRLKMSIETRAAFEKVKPIILKLKRHYYIQLWDR	52
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1	.............................MS..CCFFVVLFILGIVKKKRRLKMSIETRAAFEKVKPIILKLKRHYYIQLWDR	52

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logo

Sequence	Alignment	
NTDB id 320 STU RS10340 WP 002949220.1	ADMEQEAMMTLYQLLKKFPDLEKDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYVEISDIAFCIPNKELD.MVDR	110
NTDB id 47 STER RS00925 WP 002949220.1	ADMEQEAMMTLYQLLKKFPDLEKDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYVEISDIAFCIPNKELD.MVDR	110
NTDB id 50 STRSA0001 RS07545 WP 002885610.1	ADMEQEAMMTLYQLLEKFPELKSDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYIEISDIAFCLPNKELD.AVDR	110
NTDB id 468 HSISS4 RS00725 WP 021143466.1	ADMEQEAMMTLYQLLEKFPELKSDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYIEISDIAFCLPNKELD.AVDR	110
NTDB id 44 SMU RS09085 WP 002263585.1	EDWQQEGMLILHQLLREHPELEEDDTKLYIYFKTRFSNYIKDVLRQQESQKRRFNRMSYEEVGEIEHCLSSGMQ.LDEY	109
NTDB id 489 SM12261 RS01070 WP 000471940.1	SDWDQEGMICLHELISREEELVEDIPRLRKYFKTKFRNRILDHIRKQESQKRRYDKEPYEEVGEISHRISEGGMW.LDEY	106
NTDB id 424 SGO RS10430 WP 012130755.1	ADWRQEGMLVLYELLKSHPNLLEDQPRLYRYFKTKFRNRIHDLIRRQESQKRKLDRQPYEEVSEIGHRLRMKELY.LDEL	107
NTDB id 423 SGO RS08370 WP 012130755.1	ADWRQEGMLVLYELLKSHPNLLEDQPRLYRYFKTKFRNRIHDLIRRQESQKRKLDRQPYEEVSEIGHRLRMKELY.LDEL	107
NTDB id 457 SSUD9 RS00080 WP 002936602.1	DDWEQEGMMTLFELLEAQPWLVDEQVQLYCYFKVKFRNRIKDRIRKQESQKRKFDRMPHEDIHELSHAIQSPGLI.NDEL	107
NTDB id 461 GPW51 RS00080 WP 011921639.1	DDWEQEGMMTLFELLEAQPWLVDEQVQLYCYFKVKFRNRIKDRIRKQESQKRKFDRMPHEDIYELSHAIQSPGLI.NDEL	107
NTDB id 454 SSU RS00080 WP 011921639.1	DDWEQEGMMTLFELLEAQPWLVDEQVQLYCYFKVKFRNRIKDRIRKQESQKRKFDRMPHEDIYELSHAIQSPGLI.NDEL	107
NTDB id 582 DLJ51 RS00505 WP 002962720.1	DDWRQEARIILYQLLERFPDLANDEEKLRIYFKTKFRSYVLDNIRKQESQKRAFDRMIYEISELGHMIPSQQMD.TADY	155
NTDB id 1119957 EL078 RS01535 WP 024344741.1	DDWIQEGRIVFFKLLQEHPEVLINEGRRYTYFKTKFSNHVKDTIRHQESFKRKFNRMPYEEIGEISHCVPQLNFFEVADF	108
NTDB id 554 STRINF RS00370 WP 115283725.1	EDWIQEGRIVFFQLLEEHPDLLNNEGKCYSYFKTKFSNHVKDIIRHQESFKRKFNRMPYEEISDISHCVPQVFFFEVEDY	108
NTDB id 450 SPYM18 RS08475 WP 011018214.1	DDWLQEGHIILLQLLERYPELIEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLW.LDDY	131
NTDB id 449 SPYM18 RS01395 WP 011018214.1	DDWLQEGHIILLQLLERYPELIEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLW.LDDY	131
NTDB id 442 SPYM3 RS08515 WP 011106595.1	DDWLQEGHIILLQLLERYPELIEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLW.LDDY	131
NTDB id 441 SPYM3 RS01385 WP 011106595.1	DDWLQEGHIILLQLLERYPELIEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLW.LDDY	131
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1	DDWLQEGHIILLQLLERYPELIEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLW.LDDY	131
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1	DDWLQEGHIILLQLLERYPELIEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLW.LDDY	131

consensus

logo


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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 LVYDEQLNAFRNQLSSEDATKLDRLLAGECFRGRKKMIRELKFWMVDFDPYNEDD      165
NTDB id 468 HSISS4 RS00725 WP 021143466.1   LVYDEQLNAFRNQLSSEDATKLDRLLAGECFRGRKKMIRELKFWMVDFDPYNEDD      165
NTDB id 44 SMU RS09085 WP 002263585.1       ILFRDSLLAYKQGLSTEKQELFERLVAGEHFLGRQSMLKDLRKKLSDFKEK....      160
NTDB id 489 SM12261 RS01070 WP 000471940.1  YLFHETLRDYRNKQSKDKQEELERVLRHERFRGRQRVLRDLRIVFKEFDIRTH..      159
NTDB id 424 SGO RS10430 WP 012130755.1      VAFRSAMSEYRSRLSPEEAKQYERLMADERFKGRKAMLKDLSYHLRDFNPRLD..      160
NTDB id 423 SGO RS08370 WP 012130755.1      VAFRSAMSEYRSRLSPEEAKQYERLMADERFKGRKAMLKDLSYHLRDFNPRLD..      160
NTDB id 457 SSUD9 RS00080 WP 002936602.1    LMLRGALRDYRKNLSNDQLDKYEKLISGQCFNGRREMIRDLQIHLKDFR......      156
NTDB id 461 GPW51 RS00080 WP 011921639.1    LMLRGALRDYRKNLSNDQLDKYEKLISGQCFNGRREMIRDLQIHLKDFR......      156
NTDB id 454 SSU RS00080 WP 011921639.1      LMLRGALRDYRKNLSNDQLDKYEKLISGQCFNGRREMIRDLQIHLKDFR......      156
NTDB id 582 DLJ51 RS00505 WP 002962720.1    CALKEKLKELKQKLAPEDYAKILLLMRGGAFKGRSAFIKDIKVEFEDFDEDN...      207
NTDB id 1119957 EL078 RS01535 WP 024344741.1 IAYRDSLSQLKATLSLEEQEKLAKVVRGERFEGKKAFLRQIEPYFSDFKH....     158
NTDB id 554 STRINF RS00370 WP 115283725.1   VAYQDSLACLRRTLGREDRLKLEKVIRGERFEGKKAFLKSIELYFSDFRP....      158
NTDB id 450 SPYM18 RS08475 WP 011018214.1   VAYQEVIASLENQLNSQERMQFKALIRGERFKGRRALLRKISPYFKEFAQQL...      183
NTDB id 449 SPYM18 RS01395 WP 011018214.1   VAYQEVIASLENQLNSQERMQFKALIRGERFKGRRALLRKISPYFKEFAQQL...      183
NTDB id 442 SPYM3 RS08515 WP 011106595.1    VAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL...      183
NTDB id 441 SPYM3 RS01385 WP 011106595.1    VAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL...      183
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1 VAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL...     183
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1 VAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL...     183
consensus                                   *** * *  ********** ********** *!*!********  ****!
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X non conserved

X similar

X ≥50% conserved