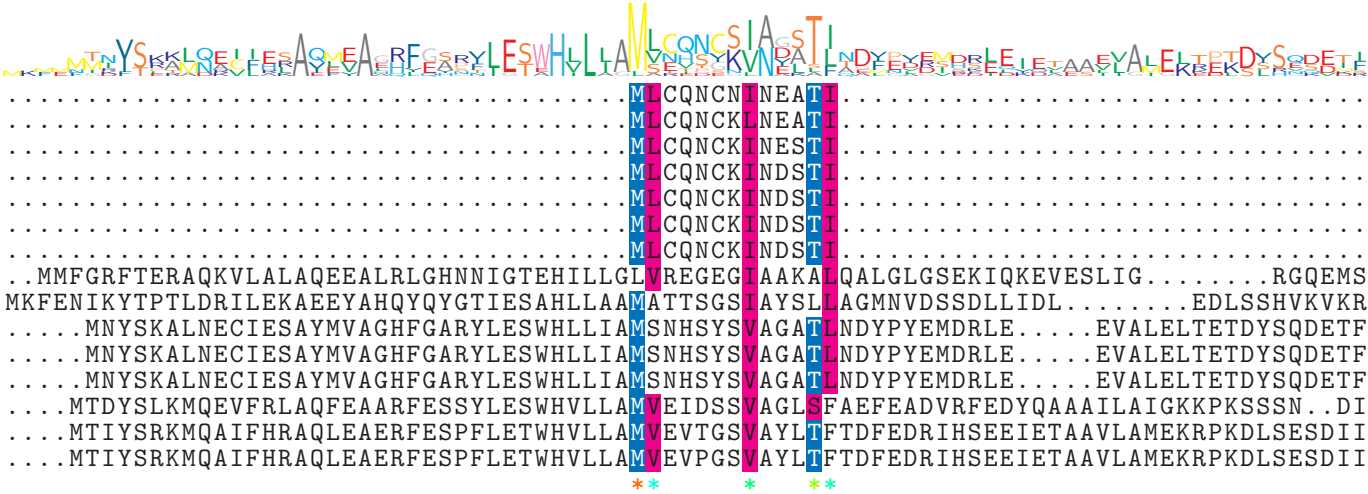


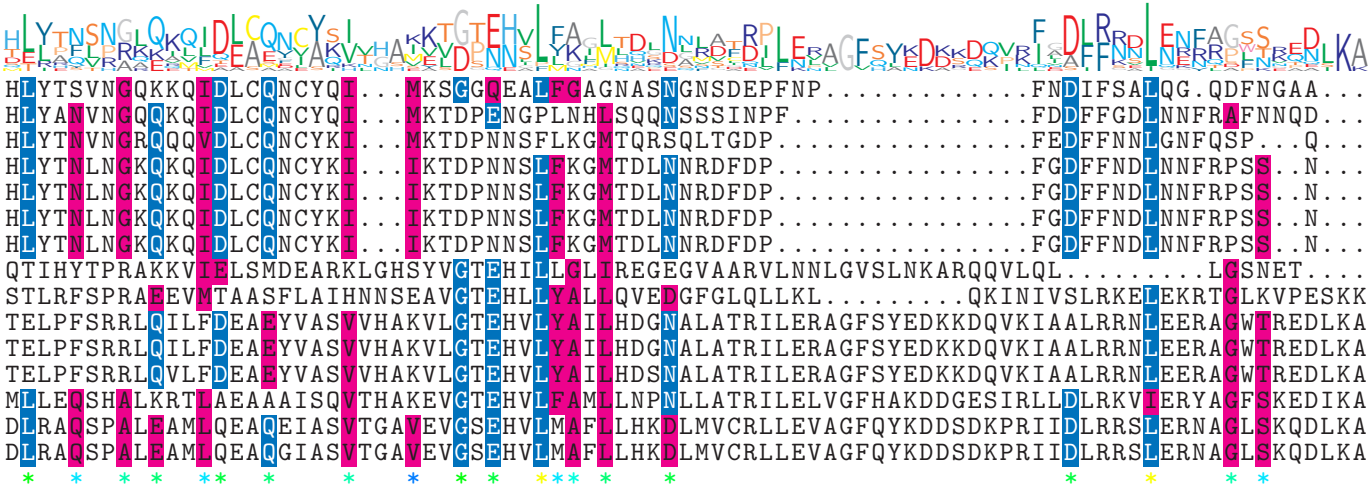
logo

NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 378 SMU RS02690 WP 002263569.1
NTDB id 51124 SPAF RS03205 WP 041826247.1
NTDB id 281 KZH43 RS03550 WP 000882517.1
NTDB id 245 SPD RS03860 WP 000882517.1
NTDB id 243 SPR RS03635 WP 000882517.1
NTDB id 241 SP RS04015 WP 000882523.1
NTDB id 85 BSU 00860 NP 387967.1
NTDB id 610 V4T04 RS10165 WP 012897346.1
NTDB id 290 KZH43 RS10025 WP 001109677.1
NTDB id 289 SPD RS10700 WP 001109677.1
NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 377 SMU RS09275 WP 002262344.1
NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus



logo

NTDB id 601 KW2 RS02615 WP 021036805.1
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NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus



logo

NTDB id 601 KW2 RS02615 WP 021036805.1	..SNQTPPTQTGGR.....GPRGPQNPRAKQPKGMLEEFGINLTESARRGEIDPVIGRDEEIKRVIEILNRRTKNNP	148
NTDB id 378 SMU RS02690 WP 002263569.1	..LPNTPPTQAGCGNGNGGNN...RR..PGGPQQQASQKPNGLLEEFGINLDTARKGEIDPVIGRDEEITRVIEILNRRTKNNP	155
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NTDB id 281 KZH43 RS03550 WP 000882517.1	..TPPIPTQSGGGYGGNGGYGSQNRGSAQTP...PPSQEKGLLEEFGINVTEIARRGDDPVIGRDEEIRVIEILNRRTKNNP	154
NTDB id 245 SPD RS03860 WP 000882517.1	..TPPIPTQSGGGYGGNGGYGSQNRGSAQTP...PPSQEKGLLEEFGINVTEIARRGDDPVIGRDEEIRVIEILNRRTKNNP	154
NTDB id 243 SPR RS03635 WP 000882517.1	..TPPIPTQSGGGYGGNGGYGSQNRGSAQTP...PPSQEKGLLEEFGINVTEIARRGDDPVIGRDEEIRVIEILNRRTKNNP	154
NTDB id 241 SP RS04015 WP 000882523.1	..TPPIPTQSGGGYGGNGGYGSQNRGSAQTP...PPSQEKGLLEEFGINVTEIARRGDDPVIGRDEEIRVIEILNRRTKNNP	154
NTDB id 85 BSU 00860 NP 387967.1	GSSAAGTNSNANTPTLDSLARDLTAIAKEDSLDPVIGRSKEIQRVIEVLSRRTKNNP	204
NTDB id 610 V4T04 RS10165 WP 012897346.1	AVTPMSKRKMAKG.....VAENSTPTLDSVSSDLTEEARLGKIDPMIGREAEIDRLIHILSRRTKNNP	217
NTDB id 290 KZH43 RS10025 WP 001109677.1	.LRQRHRTV.ADKQ.....NSMANMMGMPQTPSGGLEDYTHDLTEQARSGKLEPVIGRDKEISRMQIQLSRKTNNP	230
NTDB id 289 SPD RS10700 WP 001109677.1	.LRQRHRTV.ADKQ.....NSMANMMGMPQTPSGGLEDYTHDLTEQARSGKLEPVIGRDKEISRMQIQLSRKTNNP	230
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NTDB id 377 SMU RS09275 WP 002262344.1	.IFEMRKPKKVKNS.....SSFSDLMKPP.SVTGELADFTRDLTELARQGRLEPVIGREQEISRMVQILSRKTNNP	234
NTDB id 297 STER RS00545 WP 011680614.1	.IHDLRKPKKSKAS.....ANFANMMQPPSSSTGELADYTKDLTALAESGNLDPVIGRDEEISRMQIQLSRKTNNP	237
NTDB id 329 STU RS10020 WP 011225298.1	.IHDLRKPKKSKAS.....ANFANMMQPPSSSTGELADYTKDLTALAESGNLDPVIGRDEEISRMQIQLSRKTNNP	237
consensus	* * ** * !*** *!*!!* * **!*!!!!*!! !* * !*!!!!	

logo

NTDB id 601 KW2 RS02615 WP 021036805.1	VLVGEPGVGKTAIVEGLAQKIVDGDVPQKLQNKEVIRLDVVS LVQGTGIRGQFEERMQKLMDEIRKRDVIMFIDEIHEIVGAGS	233
NTDB id 378 SMU RS02690 WP 002263569.1	VLVGEPGVGKTAIVEGLAQKIVDGDVPQKLHGKNVIRLDVVS LVQGTGIRGQFEERMQKLMDEIRQRQDVILFIDEIHEIVGAGS	240
NTDB id 51124 SPAF RS03205 WP 041826247.1	VLVGEPGVGKTAIVEGLAQKIVDGDVPQKLQGKEVIRLDVVS LVQGTGIRGQFEERMQKLMDEIRQRQDVILFIDEIHEIVGAGS	241
NTDB id 281 KZH43 RS03550 WP 000882517.1	VLVGEPGVGKTAIVEGLAQKIVDGDVPQKLQGKQVIRLDVVS LVQGTGIRGQFEERMQKLMDEIRKREDIILFIDEIHEIVGAGS	239
NTDB id 245 SPD RS03860 WP 000882517.1	VLVGEPGVGKTAIVEGLAQKIVDGDVPQKLQGKQVIRLDVVS LVQGTGIRGQFEERMQKLMDEIRKREDIILFIDEIHEIVGAGS	239
NTDB id 243 SPR RS03635 WP 000882517.1	VLVGEPGVGKTAIVEGLAQKIVDGDVPQKLQGKQVIRLDVVS LVQGTGIRGQFEERMQKLMDEIRKREDIILFIDEIHEIVGAGS	239
NTDB id 241 SP RS04015 WP 000882523.1	VLVGEPGVGKTAIVEGLAQKIVDGDVPQKLQGKQVIRLDVVS LVQGTGIRGQFEERMQKLMDEIRKREDIILFIDEIHEIVGAGS	239
NTDB id 85 BSU 00860 NP 387967.1	VLVGEPGVGKTAIAEGLAQKINNEVPEILRDKRVMTLDMGTVTVAGTKYRGEFEDRLKKVMDEIRQAGNIILFIDELHTLIGAGG	289
NTDB id 610 V4T04 RS10165 WP 012897346.1	VLVGEPGVGKSAIEGLAQRIVNCQVPIGLMNSRIMATNMATVVAGTKFRGEFEDRLTAIVEEVSSDPDVIIFIDELHTIIGAGG	302
NTDB id 290 KZH43 RS10025 WP 001109677.1	VLVGDAGVGKTALALGLAQRIASGDVPAEMAKMRVLELDLMNVVAGTRFRGDFEERMNNIIKDIEEDGQVILFIDELHTIMSGS	315
NTDB id 289 SPD RS10700 WP 001109677.1	VLVGDAGVGKTALALGLAQRIASGDVPAEMAKMRVLELDLMNVVAGTRFRGDFEERMNNIIKDIEEDGQVILFIDELHTIMSGS	315
NTDB id 287 SP RS11210 WP 001109712.1	VLVGDAGVGKTALALGLAQRIASGDVPAEMAKMRVLELDLMNVVAGTRFRGDFEERMNNIIKDIEEDGQVILFIDELHTIMSGS	315
NTDB id 377 SMU RS09275 WP 002262344.1	VLVGDAGVGKTALAYGLAQRIVDSAVPFELADMKVLELDMMSVAGTRFRGDFEERMNQIADIEADGHIIVLFIDELHTIMSGS	319
NTDB id 297 STER RS00545 WP 011680614.1	VLVGEAGVGKTALALGLAQRIASGEVPFELADMRIILELDMMSVAGTRFRGDFEERMNQIIDEIEADGKIILFIDELHTIIGSGS	322
NTDB id 329 STU RS10020 WP 011225298.1	VLVGEAGVGKTALALGLAQRIASGEVPFELADMRIILELDMMSVAGTRFRGDFEERMNQIIDEIEADGKIILFIDELHTIIGSGS	322
consensus	!!*!*!!!!* * *!!!!* * *!! * * *!****!! !! !!!*!* *!!!!* * *!*!!*	

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NTDB id 601 KW2 RS02615 WP 021036805.1	K	I	V	I	S	N	Q	T	Q	E	A	E	T	T	D	E	E	V	P	A	E	748
NTDB id 378 SMU RS02690 WP 002263569.1	G	K	I	V	I	K	A	S	N	K	V	E	T	V	T	K	A	T	S	D	..	753
NTDB id 51124 SPAF RS03205 WP 041826247.1	G	N	I	S	I	K	A	V	H	K	T	A	E	K	K	S	E	A	...			752
NTDB id 281 KZH43 RS03550 WP 000882517.1	G	N	I	Q	I	K	S	A	K	K	A	E	V	K	S	S	E	K	E	K	..	752
NTDB id 245 SPD RS03860 WP 000882517.1	G	N	I	Q	I	K	S	A	K	K	A	E	V	K	S	S	E	K	E	K	..	752
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NTDB id 610 V4T04 RS10165 WP 012897346.1	K	K	I	K	I	A	Q	I	V													816
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NTDB id 297 STER RS00545 WP 011680614.1	D	K	L	T	F	T	V	V														816
NTDB id 329 STU RS10020 WP 011225298.1	D	K	L	T	F	T	V	V														816
consensus	*	*																				

-  non conserved
-  similar
-  ≥ 50% conserved