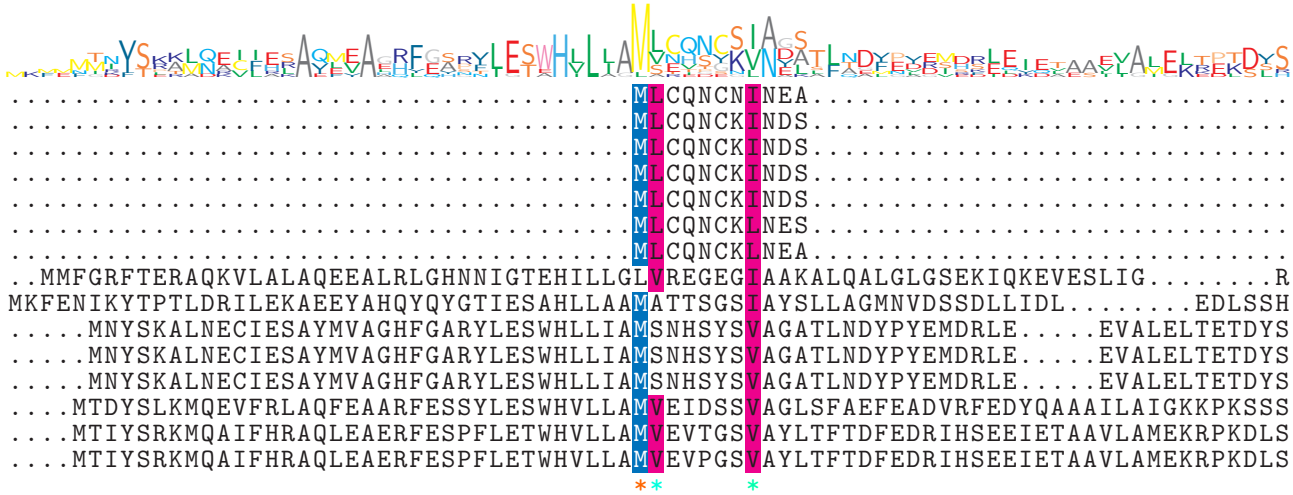


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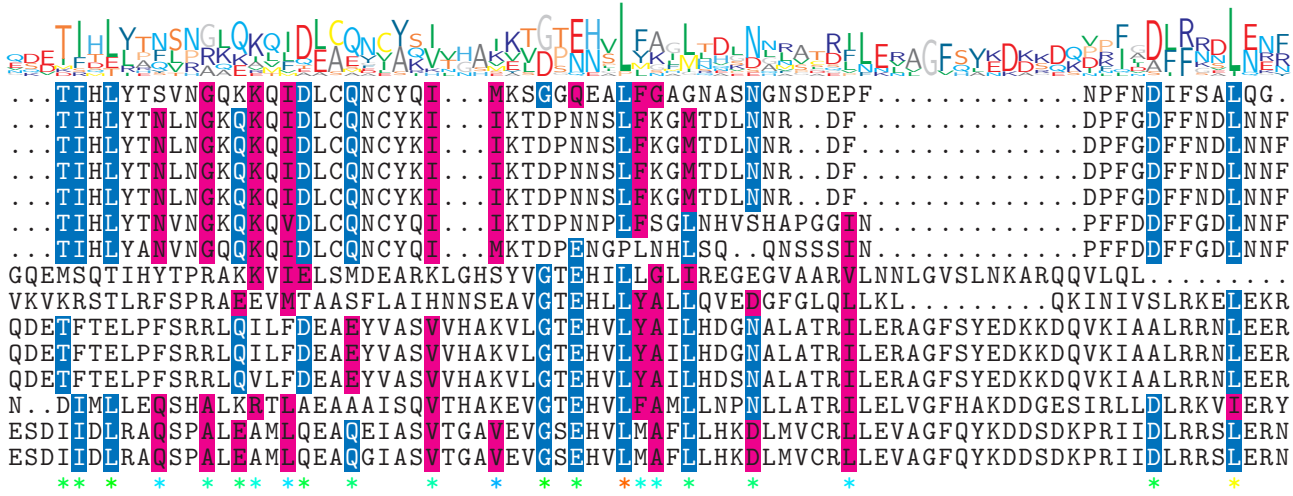
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NTDB	id	243	SPR	RS03635	WP	000882517.1
NTDB	id	241	SP	RS04015	WP	000882523.1
NTDB	id	1030607	AB6W33	RS03140	WP	000882549.1
NTDB	id	378	SMU	RS02690	WP	002263569.1
NTDB	id	85	BSU	00860	NP	387967.1
NTDB	id	610	V4T04	RS10165	WP	012897346.1
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NTDB	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						



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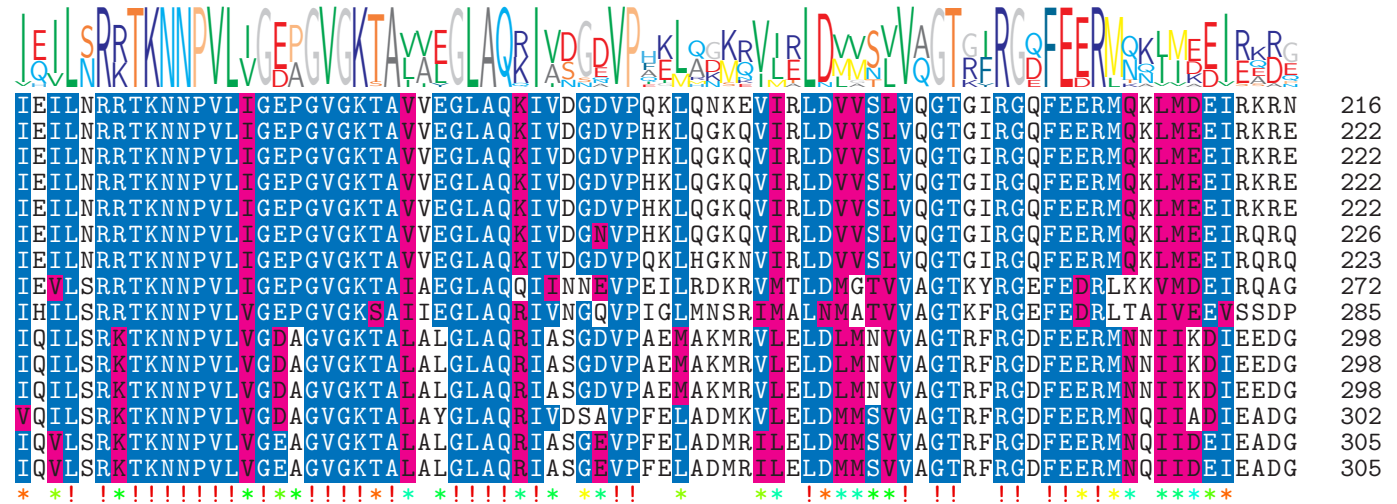
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NTDB	id	329	STU	RS10020	WP	011225298.1
consensus						



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NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 281 KZH43 RS03550 WP 000882517.1
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NTDB id 243 SPR RS03635 WP 000882517.1
NTDB id 241 SP RS04015 WP 000882523.1
NTDB id 1030607 AB6W33 RS03140 WP 000882549.1
NTDB id 378 SMU RS02690 WP 002263569.1
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
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NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus

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NTDB id 601 KW2 RS02615 WP 021036805.1	DVIMFIDEIHEIVGAGSAGDGNMDAGNILKPALARGE	295
NTDB id 281 KZH43 RS03550 WP 000882517.1	DIILFIDEIHEIVGAGSASDGNMDAGNILKPALARGE	301
NTDB id 245 SPD RS03860 WP 000882517.1	DIILFIDEIHEIVGAGSASDGNMDAGNILKPALARGE	301
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NTDB id 1030607 AB6W33 RS03140 WP 000882549.1	DVILFIDEIHEIVGAGTAGEGSMDAGNILKPALARGE	305
NTDB id 378 SMU RS02690 WP 002263569.1	DVILFIDEIHEIVGAGSAGDGNMDAGNILKPALARGE	302
NTDB id 85 BSU 00860 NP 387967.1	NIILFIDELHTLIGAGG.AEGAIDASNILKPSLARGE	351
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NTDB id 290 KZH43 RS10025 WP 001109677.1	QVILFIDELHTIMGSGSGIDSTLDAANILKPALARGE	378
NTDB id 289 SPD RS10700 WP 001109677.1	QVILFIDELHTIMGSGSGIDSTLDAANILKPALARGE	378
NTDB id 287 SP RS11210 WP 001109712.1	QVILFIDELHTIMGSGSGIDSTLDAANILKPALARGE	378
NTDB id 377 SMU RS09275 WP 002262344.1	HIVLFIDELHTIMGSGSGIDSTLDAANILKPALARGE	382
NTDB id 297 STER RS00545 WP 011680614.1	KIILFIDELHTIIGSGSGIDSTLDAANILKPALARGE	385
NTDB id 329 STU RS10020 WP 011225298.1	KIILFIDELHTIIGSGSGIDSTLDAANILKPALARGE	385
consensus	***!!!!*! **!*!*** * *!***!!!!*!!!!*!!	

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NTDB id 601 KW2 RS02615 WP 021036805.1	RGIQARYEDYHHVKYTDEAIEAAHLSNRYIQDRFL	373
NTDB id 281 KZH43 RS03550 WP 000882517.1	KGIQKKYEDYHHVQYTDAAIEAAATLSNRYIQDRF	379
NTDB id 245 SPD RS03860 WP 000882517.1	KGIQKKYEDYHHVQYTDAAIEAAATLSNRYIQDRF	379
NTDB id 243 SPR RS03635 WP 000882517.1	KGIQKKYEDYHHVQYTDAAIEAAATLSNRYIQDRF	379
NTDB id 241 SP RS04015 WP 000882523.1	KGIQKKYEDYHHVQYTDAAIEAAATLSNRYIQDRF	379
NTDB id 1030607 AB6W33 RS03140 WP 000882549.1	KGIQKKYEDYHHVKYNDAIEAAAVLSNRYIQDRFL	383
NTDB id 378 SMU RS02690 WP 002263569.1	KGIQPKYEDYHHVKYTDEAIEAAANLSNRYIQDRF	380
NTDB id 85 BSU 00860 NP 387967.1	QGLRDRYEAHHRVITDDAIEAAVKLSDRYISDRFL	431
NTDB id 610 V4T04 RS10165 WP 012897346.1	QGLREKFEDYHQVKFTDQAIKS AVMLSVRYMTSRK	445
NTDB id 290 KZH43 RS10025 WP 001109677.1	QGLKATYEKHHRVQITDEAVETAVKMAHRYLTSR	450
NTDB id 289 SPD RS10700 WP 001109677.1	QGLKATYEKHHRVQITDEAVETAVKMAHRYLTSR	450
NTDB id 287 SP RS11210 WP 001109712.1	QGLKATYEKHHRVQITDEAVETAVKMAHRYLTSR	450
NTDB id 377 SMU RS09275 WP 002262344.1	LGLKKS YETIYHHV IISDAAVMAAVKGAHRYLSG	452
NTDB id 297 STER RS00545 WP 011680614.1	NGLRSSYEDYHRVTITDAAVETAVKAAHRYLTSK	455
NTDB id 329 STU RS10020 WP 011225298.1	NGLRSSYEDYHRVTITDAAVETAVKAAHRYLTSK	455
consensus	!* **!***! ! ** !***! ** !!* * !!!*!!!!*!!* *** *	

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NTDB id 241 SP RS04015 WP 000882523.1	GYVGYDEAGQLTEKVRHNYPYSLILLDEVEKAHPDVMHMFLLQVLDGRLTDGGRVTSFKDAIIIMTSNAGTGK..TEASV	611
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NTDB id 378 SMU RS02690 WP 002263569.1	GYVGYEEAGQLTEKVRRNYPYSLILLDEVEKAHPDVMHMFLLQVLDGRLTDGGRVTSFKDTIIIMTSNAGTGK..SEANV	612
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NTDB id 289 SPD RS10700 WP 001109677.1	GYVGYEEGGELTEKVRNYPYSVLLFDEVEKAHPDIFNVLLQVLDGVLTDSSKGRKVDFSNTIIIMTSNKGATALRDDKTV	675
NTDB id 287 SP RS11210 WP 001109712.1	GYVGYEEGGELTEKVRNYPYSVLLFDEVEKAHPDIFNVLLQVLDGVLTDSSKGRKVDFSNTIIIMTSNKGATALRDDKTV	675
NTDB id 377 SMU RS09275 WP 002262344.1	GYVGYEEGGELTEKVRNYPYSVLLFDEVEKAHPDIFNILLQVLDGVLTDSSRGRKVDFSNTIIIMTSNKGATALRDDKTV	678
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NTDB id 329 STU RS10020 WP 011225298.1	GYVGYDEGGELTEKVRNYPYSVLLFDEIEKAHPDIFNVLLQVLDGVLTDSSRGRKVDFSNTIIIMTSNKGATALRDDKTV	681
consensus	!!!!*!*!*!!!!*!! !!!*!*!*!*!!!!!!* * !*!*!*! *!! !! ! !* **!!!!!! ! * *!	

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NTDB id 1030607 AB6W33 RS03140 WP 000882549.1	GFGASREG....RTNSVLGLQIGNFFSPEFMNRFDGIIIEFKALDKENLLNIVDIMLSDVNARLAINGIHLDVTDKVKEKL	690
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NTDB id 85 BSU 00860 NP 387967.1	GFNVQDETQNHKDMKDKVMGELKRAFRPEFINRIDEIIVFHSLEKKHLTEIVSLMSDQLTKRLKEQDLSTIELTDAAKAV	751
NTDB id 610 V4T04 RS10165 WP 012897346.1	GFGAKNITADYSAMKSRILEELKRHYRPEFLNRIDENIVFHSLESQETIEQIVKIMSKSLIKRLAEQDIHVKLTPSAVKLI	760
NTDB id 290 KZH43 RS10025 WP 001109677.1	GFGAKDIRFDQENMEKRMFEELKKAYRPEFINRIDEKVVVFHSLSSDHMQEVVKIMVKPLVASLAKEGIDLKLQASALKLL	755
NTDB id 289 SPD RS10700 WP 001109677.1	GFGAKDIRFDQENMEKRMFEELKKAYRPEFINRIDEKVVVFHSLSSDHMQEVVKIMVKPLVASLAKEGIDLKLQASALKLL	755
NTDB id 287 SP RS11210 WP 001109712.1	GFGAKDIRFDQENMEKRMFEELKKAYRPEFINRIDEKVVVFHSLSSDHMQEVVKIMVKPLVASLTEKGIDLKLQASALKLL	755
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NTDB id 297 STER RS00545 WP 011680614.1	GFGAQTISHNHQAMQARIMEELKKSYPPEFINRIDEKVVVFHSLLEEELQHDIVKIMVKPLISALADKGISLKFQPAALKHL	761
NTDB id 329 STU RS10020 WP 011225298.1	GFGAQTISHNHQAMQARIMEELKKSYPPEFINRIDEKVVVFHSLLEEELQHDIVKIMVKPLISALADKGISLKFQPAALKHL	761
consensus	!!** ** *! * !!!*!! ! * ! !* *** *! *!* * ** * * * * * *	

logo



X non conserved
X similar
X ≥ 50% conserved