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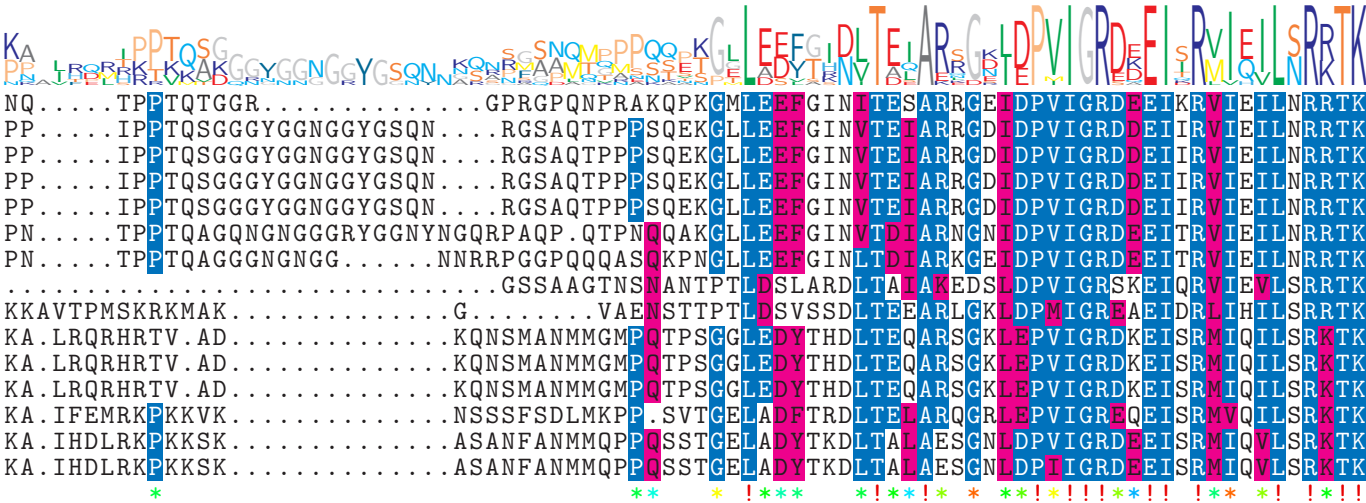
NTDB id 601 KW2 RS02615 WP 021036805.1	MLCQNCNINEAT.....I	13
NTDB id 281 KZH43 RS03550 WP 000882517.1	MLCQNCNKINDST.....I	13
NTDB id 245 SPD RS03860 WP 000882517.1	MLCQNCNKINDST.....I	13
NTDB id 243 SPR RS03635 WP 000882517.1	MLCQNCNKINDST.....I	13
NTDB id 241 SP RS04015 WP 000882523.1	MLCQNCNKINDST.....I	13
NTDB id 23459 M6 RS06320 WP 011184753.1	MLCQNCNINEST.....I	13
NTDB id 378 SMU RS02690 WP 002263569.1	MLCQNCNKINEAT.....I	13
NTDB id 85 BSU 00860 NP 387967.1	..MMFGRFTERAQKVLALAQEEALRLGHNNIGTEHILLGLVREGEGIAAKALQALGLGSEKIQKEVESLIG.....RGQEMS	75
NTDB id 610 V4T04 RS10165 WP 012897346.1	MKFENIKYTPTLDRILEKAEEYAHQYQYGTIESAHLAAMATTSGSIAYSLLAGMNVDSDDLIDL.....EDLSSHVKVKR	77
NTDB id 290 KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 289 SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 287 SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 377 SMU RS09275 WP 002262344.1	MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFEADVRFEDYQAAAILAIGKKPKSSSN..DI	79
NTDB id 297 STER RS00545 WP 011680614.1	MTIYSRKMQAIFHRAQLEAERFESPFLWTWHVLLAMVEVTGSVAYLTFTDFEDRIHSEEIETAAVLAMEKRPKDLSESDII	81
NTDB id 329 STU RS10020 WP 011225298.1	MTIYSRKMQAIFHRAQLEAERFESPFLWTWHVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETAAVLAMEKRPKDLSESDII	81
consensus	* * * *	

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NTDB id 601 KW2 RS02615 WP 021036805.1	HLYTSVNGQKKQIDLC.....QNCYQIMKSGG..QEALFGAGNA.SNGNSDEPFNPFNDIFSALQGG.DFNGAAS	79
NTDB id 281 KZH43 RS03550 WP 000882517.1	HLYTNLNGKQKQIDLC.....QNCYKI IKTDP..NNSLFGKMTDL..NNRD.FDPFGDFFNDLNNFRPSSN..T	75
NTDB id 245 SPD RS03860 WP 000882517.1	HLYTNLNGKQKQIDLC.....QNCYKI IKTDP..NNSLFGKMTDL..NNRD.FDPFGDFFNDLNNFRPSSN..T	75
NTDB id 243 SPR RS03635 WP 000882517.1	HLYTNLNGKQKQIDLC.....QNCYKI IKTDP..NNSLFGKMTDL..NNRD.FDPFGDFFNDLNNFRPSSN..T	75
NTDB id 241 SP RS04015 WP 000882523.1	HLYTNLNGKQKQIDLC.....QNCYKI IKTDP..NNSLFGKMTDL..NNRD.FDPFGDFFNDLNNFRPSSN..T	75
NTDB id 23459 M6 RS06320 WP 011184753.1	HLYTSVNGKQRQVDLC.....QNCYQIMKSNP..ANSILNGLTPGYRAQDRSTSPFFDDFFGDLNNFRAFNG..L	79
NTDB id 378 SMU RS02690 WP 002263569.1	HLYANVNGQKKQIDLC.....QNCYQIMKTD..ENGLNHLNSQ...QNSSSINPFFDDFFGDLNNFRAFNNQDL	78
NTDB id 85 BSU 00860 NP 387967.1	QTIHYTPRAKKVIELSMDEARKLGHSYVGTEHILLGLIREGEGVAARVNNL..GVSLNKARQQVLQL.....LGSNET..	147
NTDB id 610 V4T04 RS10165 WP 012897346.1	STLRFSPRAEVMFTAASFLAIHNNSEAVGTEHLLYALLQVEDGFGQLKL.....QKINIVSLRKELKRTGLKVPES	151
NTDB id 290 KZH43 RS10025 WP 001109677.1	TELPFSRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERA..GFSYEDKKDQVKIAALRRNLEERAGWTREDL	158
NTDB id 289 SPD RS10700 WP 001109677.1	TELPFSRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERA..GFSYEDKKDQVKIAALRRNLEERAGWTREDL	158
NTDB id 287 SP RS11210 WP 001109712.1	TELPFSRRLQVLFDEAEYVASVVHAKVLGTEHVLYAILHDSNALATRILERA..GFSYEDKKDQVKIAALRRNLEERAGWTREDL	158
NTDB id 377 SMU RS09275 WP 002262344.1	MLLEQSHALKRTLAEEAAISQVTHAKEVGTEHVLFAMLLNPNLLATRILELV..GFHAKDDGESIRLLDLRKVTERYAGFSKEDI	162
NTDB id 297 STER RS00545 WP 011680614.1	DLRAQSPALEAMLQEAQEIASVTGAVEVGSEHVLMAFLLHKDLMVCRLLEVA..GFQYKDDSDKPRIIDLRRSLERNAGLSKQDL	164
NTDB id 329 STU RS10020 WP 011225298.1	DLRAQSPALEAMLQEAQGIASVTGAVEVGSEHVLMAFLLHKDLMVCRLLEVA..GFQYKDDSDKPRIIDLRRSLERNAGLSKQDL	164
consensus	* * * * * * * *	

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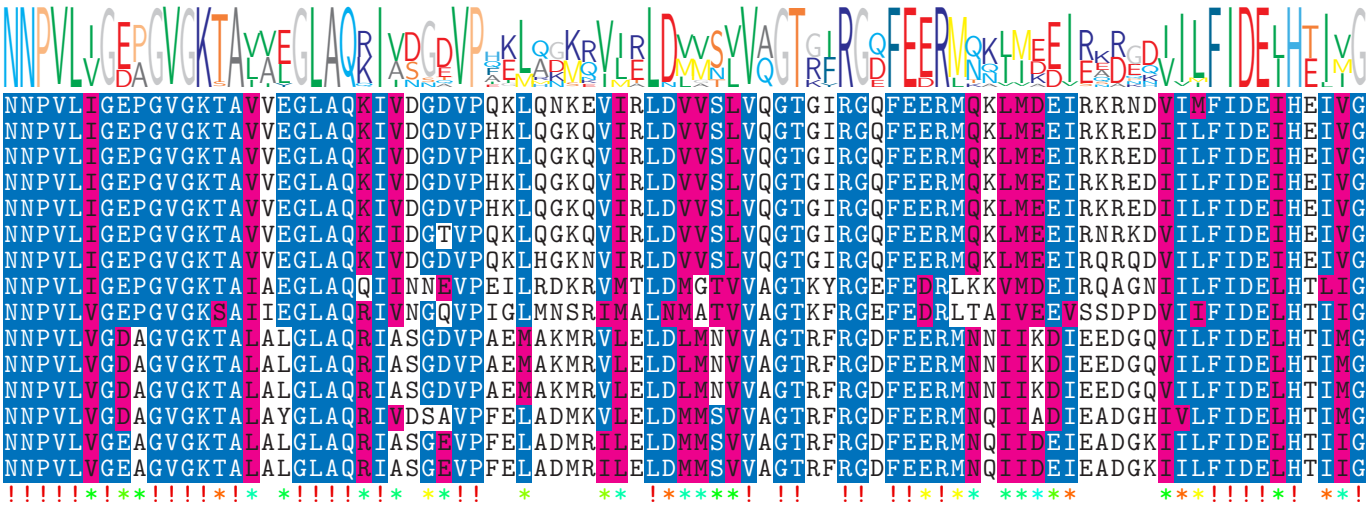
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NTDB id 377 SMU RS09275 WP 002262344.1
NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus



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NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 281 KZH43 RS03550 WP 000882517.1
NTDB id 245 SPD RS03860 WP 000882517.1
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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	IDDKIVISNQTQETAETTDDEEVP	AE	748
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NTDB id 245 SPD RS03860 WP 000882517.1	TSKGNIIQIKSAKKA	AEVKSSEKE.K.	752
NTDB id 243 SPR RS03635 WP 000882517.1	TSKGNIIQIKSAKKA	AEVKSSEKE.K.	752
NTDB id 241 SP RS04015 WP 000882523.1	TSKGNIIQIKSAKKA	AEVKSSEKE.K.	752
NTDB id 23459 M6 RS06320 WP 011184753.1	TKSENITIKAVKEGDSFLNEES.	LD	760
NTDB id 378 SMU RS02690 WP 002263569.1	TSNGKIVIKASNKVETVTKATS.	D.	753
NTDB id 85 BSU 00860 NP 387967.1	VEDGEFVVVKT	TAKTN.....	810
NTDB id 610 V4T04 RS10165 WP 012897346.1	ASNKKIKIAQIV.....		816
NTDB id 290 KZH43 RS10025 WP 001109677.1	VKAGQLKFDIA.....		810
NTDB id 289 SPD RS10700 WP 001109677.1	VKAGQLKFDIA.....		810
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NTDB id 377 SMU RS09275 WP 002262344.1	IQKEKLKFDIV.....		813
NTDB id 297 STER RS00545 WP 011680614.1	CSKDKLTFTVV.....		816
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consensus			

- non conserved
- similar
- ≥ 50% conserved