

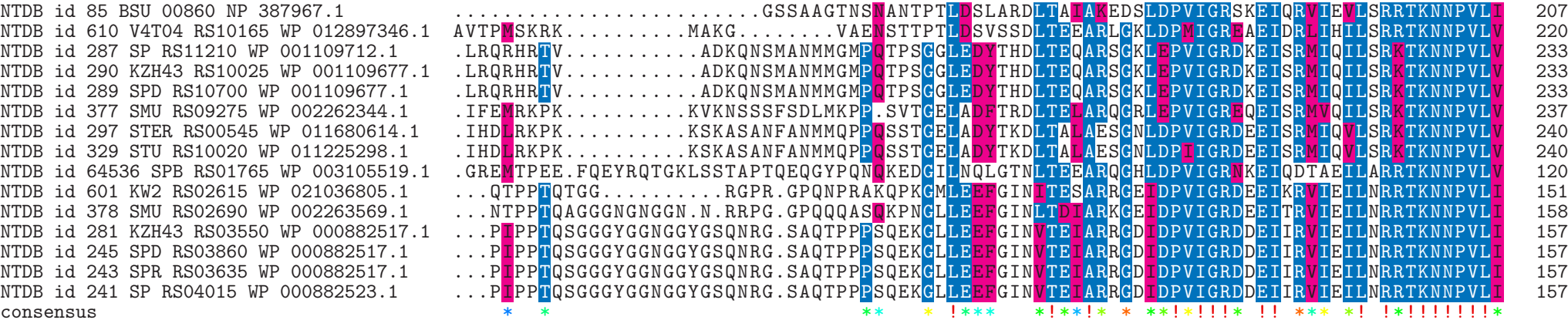
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NTDB id 85 BSU 00860 NP 387967.1	..MMFGRFTERA QKVLALAQEEALRLGHNNIGTEHILLGLVREGEGTAAKALQALGLGSEKIQKEVESLIG.....RGQEMS	75
NTDB id 610 V4T04 RS10165 WP 012897346.1	MKFENIKYTP TLDRILEKAE EYAHQYQYGTIESAHL LAAMATTSGSIAYSLLAGMNV DSSDLLIDL.....EDLSSHVKVKR	77
NTDB id 287 SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 290 KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 289 SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 377 SMU RS09275 WP 002262344.1	MTDYS LKMQE VFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFEADVRFEDYQAAAILAIGKKPKSSSN..DT	79
NTDB id 297 STER RS00545 WP 011680614.1	MTIYSRKMQAIFHRAQLEAERFESP FLETWHVLLAMVEVTGSAVYLTFTDFEDRIHSEEIETAAVLAMEKRPKDLSESDI	81
NTDB id 329 STU RS10020 WP 011225298.1	MTIYSRKMQAIFHRAQLEAERFESP FLETWHVLLAMVEVPGSAVYLTFTDFEDRIHSEEIETAAVLAMEKRPKDLSESDI	81
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NTDB id 601 KW2 RS02615 WP 021036805.1	MLCQNCNINEAT.....I	13
NTDB id 378 SMU RS02690 WP 002263569.1	MLCQNCNINEAT.....I	13
NTDB id 281 KZH43 RS03550 WP 000882517.1	MLCQNCNINDST.....I	13
NTDB id 245 SPD RS03860 WP 000882517.1	MLCQNCNINDST.....I	13
NTDB id 243 SPR RS03635 WP 000882517.1	MLCQNCNINDST.....I	13
NTDB id 241 SP RS04015 WP 000882523.1	MLCQNCNINDST.....I	13
consensus	* * *	

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NTDB id 287 SP RS11210 WP 001109712.1	TELPFSRRLQVLFD EAEYVASVVHAKVLGTEHVLYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA	160
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NTDB id 297 STER RS00545 WP 011680614.1	DLRAQSPALEAMLQEAQEIASVTGAVEVGSEHVLMAFLLHKDLMVCRLLEVAGFQYKDDSDKPRIIDLRRSLERNAGLSKQDLKA	166
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NTDB id 64536 SPB RS01765 WP 003105519.1	MTNYYGKDPFGSMD.....IFNQLMGNTGGYQTENRRYLVN	37
NTDB id 601 KW2 RS02615 WP 021036805.1	HLYTSVNGQKKQIDLQCNCYQ...IMKSGGQ EALFGAGNASNGNSDEPFNP.....FNDIFSA LQGG.DFNGAASN.	80
NTDB id 378 SMU RS02690 WP 002263569.1	HLYANVNGQKKQIDLQCNCYQ...IMKTDPENGPLNHLISQQN SSS...INP.....FFDDFFGDLNNFR AFNNQDLP.	79
NTDB id 281 KZH43 RS03550 WP 000882517.1	HLYTNLNGKQKQIDLQCNCYK...IIKTDPNNSLFKGMTDLNNRD...FDP.....FGDFFNDLNNFRPSSN..TP.	76
NTDB id 245 SPD RS03860 WP 000882517.1	HLYTNLNGKQKQIDLQCNCYK...IIKTDPNNSLFKGMTDLNNRD...FDP.....FGDFFNDLNNFRPSSN..TP.	76
NTDB id 243 SPR RS03635 WP 000882517.1	HLYTNLNGKQKQIDLQCNCYK...IIKTDPNNSLFKGMTDLNNRD...FDP.....FGDFFNDLNNFRPSSN..TP.	76
NTDB id 241 SP RS04015 WP 000882523.1	HLYTNLNGKQKQIDLQCNCYK...IIKTDPNNSLFKGMTDLNNRD...FDP.....FGDFFNDLNNFRPSSN..TP.	76
consensus	* * * * * * * * * *	

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NTDB id 85 BSU 00860 NP 387967.1	..GAIDASNILKPSLARGEELQCIGATTLD EYRK YIEKDAALERRFQPIQVDDQPSVDESIIQLLQGLRDYEAHHRVSIITDDAIEAA	374
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NTDB id 287 SP RS11210 WP 001109712.1	..STLDAANILKPALARGTLRTVGATTQEYQKHIEKDAALSRRFAKVTIEEPSVADSMITILQGLKATYEKHHRVQITDEAVETA	401
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NTDB id 64536 SPB RS01765 WP 003105519.1	DSGSKGLADILKPALSRGELTVIGATTQDEYRNTILKNAALARRFNEVKVNAPSAEDTFHILMGI RNLYEQHHNVILPDSVLKAA	290
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NTDB id 378 SMU RS02690 WP 002263569.1	..GNMDAGNILKPALARGE LQLVGATT LNEYRI. IEKDAALERRMQPVKVD E P S V A E T I T I L K G I Q P K Y E D Y H H V K Y T D E A I E A A	325
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NTDB id 243 SPR RS03635 WP 000882517.1	..GNMDAGNILKPALARGE LQLVGATT LNEYRI. IEKDAALERRMQPVKVD E P T V D E T I T I L K G I Q K K Y E D Y H H V Q Y T D A A I E A A	324
NTDB id 241 SP RS04015 WP 000882523.1	..GNMDAGNILKPALARGE LQLVGATT LNEYRI. IEKDAALERRMQPVKVD E P T V D E T I T I L K G I Q K K Y E D Y H H V Q Y T D A A I E A A	324
consensus	*****!!!!*!!!!* *!!!!!! !! !*!!!!!! !! * ****!*****!!!! !** *!!!! ! *! *****!	

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NTDB id 85 BSU 00860 NP 387967.1	VKLSNRYITDRFDPDKAIDLIDEAGAKVSLTLKEVDEKDLDRLLIEAENLLSETRSEDEEKAAAFRDOLEKYEKQKQK	459
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NTDB id 64536 SPB RS01765 WP 003105519.1	VDYSVQYIPQRSPLDPKAIDLIDMTAAHLAAQHPV. TDLSLETATASEKDKQEKA VAAEDYELALQAKVRIEELQKQMANH. . .	370
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NTDB id 245 SPD RS03860 WP 000882517.1	ATLSNRYIQDRFLPDKAIDLLDEAGSKMNLTLNF. VDPKVIDQRLLIEAENLKSQATREEDFEKAAYFRDQIAKYKEMQKKK. . .	404
NTDB id 243 SPR RS03635 WP 000882517.1	ATLSNRYIQDRFLPDKAIDLLDEAGSKMNLTLNF. VDPKVIDQRLLIEAENLKSQATREEDFEKAAYFRDQIAKYKEMQKKK. . .	404
NTDB id 241 SP RS04015 WP 000882523.1	ATLSNRYIQDRFLPDKAIDLLDEAGSKMNLTLNF. VDPKVIDQRLLIEAENLKSQATREEDFEKAAYFRDQIAKYKEMQKKK. . .	404
consensus	* ** *!* * * !!!!!!!!!*!!!!* **** * * * * * * * * !* ** *	

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NTDB id 85 BSU 00860 NP 387967.1
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NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 290 KZH43 RS10025 WP 001109677.1
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NTDB id 297 STER RS00545 WP 011680614.1
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NTDB id 243 SPR RS03635 WP 000882517.1
NTDB id 241 SP RS04015 WP 000882523.1
consensus

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NTDB id 289 SPD RS10700 WP 001109677.1	ILKIG	VKAGQLKFDIA.....	810
NTDB id 377 SMU RS09275 WP 002262344.1	TLKIG	IQKEKLKFDIV.....	813
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NTDB id 241 SP RS04015 WP 000882523.1	NIQIK	SAKK.AEVKSSEKEK.	752
consensus	* *		

- non conserved
- similar
- ≥ 50% conserved