

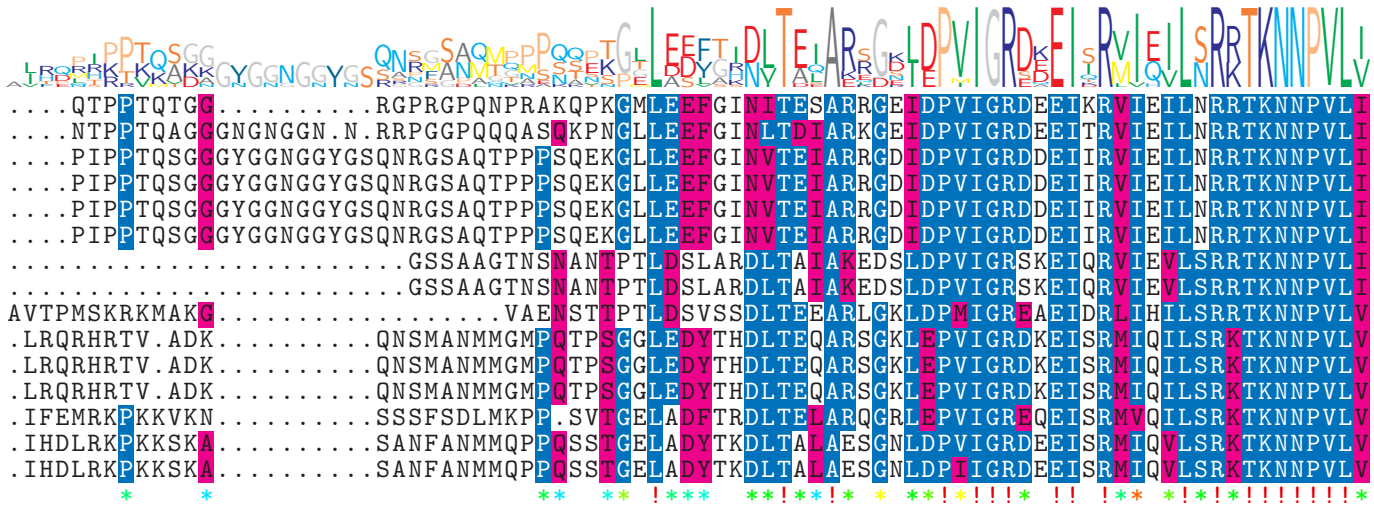
logo

NTDB id 601 KW2 RS02615 WP 021036805.1	MLCQNCNINEA.....TI	13
NTDB id 378 SMU RS02690 WP 002263569.1	MLCQNCNINEA.....TI	13
NTDB id 241 SP RS04015 WP 000882523.1	MLCQNCNINDS.....TI	13
NTDB id 281 KZH43 RS03550 WP 000882517.1	MLCQNCNINDS.....TI	13
NTDB id 245 SPD RS03860 WP 000882517.1	MLCQNCNINDS.....TI	13
NTDB id 243 SPR RS03635 WP 000882517.1	MLCQNCNINDS.....TI	13
NTDB id 133749 QU35 RS00570 WP 003235011.1	..MMFGRFTERAQKVLALAQEEALRLGHNNGTEHILLGLVREGEGLAAKALQALGLGSEKIQKEVESLIG.....RGQEMS	75
NTDB id 85 BSU 00860 NP 387967.1	..MMFGRFTERAQKVLALAQEEALRLGHNNGTEHILLGLVREGEGLAAKALQALGLGSEKIQKEVESLIG.....RGQEMS	75
NTDB id 610 V4T04 RS10165 WP 012897346.1	MKFENIKYPTPLDRILEKAE EYAHQYQYGTIESAHLAAMATTSGSTAYSLLAGMNVDDSSDLLIDL.....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	...MTDYS LKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFEADVRFEDYQAAAILAIGKKPKSSSN...DI	79
NTDB id 329 STER RS00545 WP 011680614.1	...MTIYSRKMQAIFHRAQLEAERFESPFL ETWHVLLAMVEVTGSAVYLTFTDFEDRIHSEEIETA AAVLAMEKRPKDLSEDI	81
NTDB id 327 STU RS10020 WP 011225298.1	...MTIYSRKMQAIFHRAQLEAERFESPFL ETWHVLLAMVEVPGSAVYLTFTDFEDRIHSEEIETA AAVLAMEKRPKDLSEDI	81
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NTDB id 601 KW2 RS02615 WP 021036805.1
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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



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NTDB id 601 KW2 RS02615 WP 021036805.1
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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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NTDB id 601 KW2 RS02615 WP 021036805.1	EVTDEDMPVITEKDI	IEQIVEQKTQIPVGD	LKEKEQQTQLINLAD	DLKAHVIGQDEAVDKI	SKAIRRSRVGLGKPNRPIGSFLFVGP	482										
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NTDB id 241 SP RS04015 WP 000882523.1	KITDQDTPSISEKTI	IEHIIIEQKTNIPVGD	LKEKEEQSQLIHLAED	LKSHVIGQDDAVDKI	AKAIRNRVCLGTPNRPIGSFLFVGP	488										
NTDB id 281 KZH43 RS03550 WP 000882517.1	KITDQDTPITISEKTI	IEHIIIEQKTNIPVGD	LKEKEEQSQLIHLAED	LKSHVIGQDDAVDKI	AKAIRNRVCLGTPNRPIGSFLFVGP	488										
NTDB id 245 SPD RS03860 WP 000882517.1	KITDQDTPITISEKTI	IEHIIIEQKTNIPVGD	LKEKEEQSQLIHLAED	LKSHVIGQDDAVDKI	AKAIRNRVCLGTPNRPIGSFLFVGP	488										
NTDB id 243 SPR RS03635 WP 000882517.1	KITDQDTPITISEKTI	IEHIIIEQKTNIPVGD	LKEKEEQSQLIHLAED	LKSHVIGQDDAVDKI	AKAIRNRVCLGTPNRPIGSFLFVGP	488										
NTDB id 133749 QU35 RS00570 WP 003235011.1	EKQQQENSEVTVD	IAMVVSSWTGVPVSKI	IAQTETDKLLNMENIL	HSRVIGQDEAVVAVAKAVRRARAGLKDPKRPIGSFIFLGP	546											
NTDB id 85 BSU 00860 NP 387967.1	EKQQQENSEVTVD	IAMVVSSWTGVPVSKI	IAQTETDKLLNMENIL	HSRVIGQDEAVVAVAKAVRRARAGLKDPKRPIGSFIFLGP	546											
NTDB id 610 V4T04 RS10165 WP 012897346.1	VKEDKRQEVTDQA	VVAVASTLTGVPITQMTKSESDRLINLEKELHKKRVGQEEAISAVSRAIRRRARS	SGVADSRPMSGFMFLGP	555												
NTDB id 290 KZH43 RS10025 WP 001109677.1	VPV.YKDLVTESD	ILTTLSRLSGIPVQKLTQTDAKKYLNLEAELHKKRVIGQDQAVSSISRRAIRRNQSGIRSHKKRPIGSFMFLGP	550													
NTDB id 289 SPD RS10700 WP 001109677.1	VPV.YKDLVTESD	ILTTLSRLSGIPVQKLTQTDAKKYLNLEAELHKKRVIGQDQAVSSISRRAIRRNQSGIRSHKKRPIGSFMFLGP	550													
NTDB id 287 SP RS11210 WP 001109712.1	VPV.YKDLVTESD	ILTTLSRLSGIPVQKLTQTDAKKYLNLEAELHKKRVIGQDQAVSSISRRAIRRNQSGIRSHKKRPIGSFMFLGP	550													
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NTDB id 297 STER RS00545 WP 011680614.1	AKFPPKPALVDADQ	IMQTLTSLRLSGIPVEKMTQTDSKRYLNLESELHKKRVIGQDEAVSAISRRAIRRNQSGIRTGKKRPIGSFMFLGP	556													
NTDB id 329 STU RS10020 WP 011225298.1	AKFPPKPALVDADQ	IMQTLTSLRLSGIPVEKMTQTDSKRYLNLESELHKKRVIGQDEAVSAISRRAIRRNQSGIRTGKKRPIGSFMFLGP	556													
consensus	*	*****	*	***	***!*	*	*	*****	*!*	*!*****!	*	*!*****!	!*	*	*!*****!	*****!

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NTDB id 601 KW2 RS02615 WP 021036805.1	TGVGKTELAKQ	LAKELFGSS	ESMIRFDMSEYMEKHSV	AKL	LIGAPPGYVGY	EEAGQLTER	VVRNPYS	LILLDETE	KAHPDV	MHMFL	567	
NTDB id 378 SMU RS02690 WP 002263569.1	TGVGKTEL	SKQLAIELFGS	EDSMIRFDMSEYMEKHAV	AKLVG	APPGYVGY	EEAGQLTEK	VVRNPYS	LILLDEVE	KAHPDV	MHMFL	574	
NTDB id 241 SP RS04015 WP 000882523.1	TGVGKTEL	SKQLAIELFGS	ADSMIRFDMSEYMEKHSV	AKLVG	APPGYVGYDE	AGQLTEKVR	HN	PYS	LILLDEVE	KAHPDV	MHMFL	573
NTDB id 281 KZH43 RS03550 WP 000882517.1	TGVGKTEL	SKQLAIELFGS	ADSMIRFDMSEYMEKHSV	AKLVG	APPGYVGYDE	AGQLTEKVR	HN	PYS	LILLDEVE	KAHPDV	MHMFL	573
NTDB id 245 SPD RS03860 WP 000882517.1	TGVGKTEL	SKQLAIELFGS	ADSMIRFDMSEYMEKHSV	AKLVG	APPGYVGYDE	AGQLTEKVR	HN	PYS	LILLDEVE	KAHPDV	MHMFL	573
NTDB id 243 SPR RS03635 WP 000882517.1	TGVGKTEL	SKQLAIELFGS	ADSMIRFDMSEYMEKHSV	AKLVG	APPGYVGYDE	AGQLTEKVR	HN	PYS	LILLDEVE	KAHPDV	MHMFL	573
NTDB id 133749 QU35 RS00570 WP 003235011.1	TGVGKTELARALA	ESIFGDE	EESMIRIDMSEYMEKHST	SRLVG	SPPGYVGYDEGGQ	LTEKVR	RKPYSV	VLLDETE	KAHPDV	FNIML	631	
NTDB id 85 BSU 00860 NP 387967.1	TGVGKTELARALA	ESIFGDE	EESMIRIDMSEYMEKHST	SRLVG	SPPGYVGYDEGGQ	LTEKVR	RKPYSV	VLLDETE	KAHPDV	FNIML	631	
NTDB id 610 V4T04 RS10165 WP 012897346.1	TGVGKTELAKALADS	VFGSE	DNMIRVDMSEFMEKHST	SRL	LIGAPPGYVGYDEGGQ	LTER	VVRNKPYS	VLLDEVE	KAHPDV	FNIML	640	
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NTDB id 289 SPD RS10700 WP 001109677.1	TGVGKTELAKALA	EVLFDD	ESALIRFDMSEYMEKFAA	SRLNG	APPGYVGY	EEGGELTEKVR	NKPYSV	LLFDEVE	KAHPD	TFNVLL	635	
NTDB id 287 SP RS11210 WP 001109712.1	TGVGKTELAKALA	EVLFDD	ESALIRFDMSEYMEKFAA	SRLNG	APPGYVGY	EEGGELTEKVR	NKPYSV	LLFDEVE	KAHPD	TFNVLL	635	
NTDB id 377 SMU RS09275 WP 002262344.1	TGVGKTELAKALA	EVLFDD	ESALIRFDMSEYMEKFAA	SRLNG	APPGYVGY	EEGGELTEKVR	NKPYSV	LLFDEVE	KAHPD	TFNVLL	638	
NTDB id 297 STER RS00545 WP 011680614.1	TGVGKTELAKALA	EVLFDD	ESALIRFDMSEYMEKFAA	SRLNG	APPGYVGYDEGGELTEKVR	NKPYSV	LLFDETE	KAHPD	TFNVLL	641		
NTDB id 329 STU RS10020 WP 011225298.1	TGVGKTELAKALA	EVLFDD	ESALIRFDMSEYMEKFAA	SRLNG	APPGYVGYDEGGELTEKVR	NKPYSV	LLFDETE	KAHPD	TFNVLL	641		
consensus	!!!!!!!!!!	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *		

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NTDB id 601 KW2 RS02615 WP 021036805.1	ISNQTQETAETTDDEEVPAE	748
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NTDB id 241 SP RS04015 WP 000882523.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 281 KZH43 RS03550 WP 000882517.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 245 SPD RS03860 WP 000882517.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 243 SPR RS03635 WP 000882517.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 133749 QU35 RS00570 WP 003235011.1	VVKTTAKTN.....	810
NTDB id 85 BSU 00860 NP 387967.1	VVKTTAKTN.....	810
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NTDB id 290 KZH43 RS10025 WP 001109677.1	KFDIA.....	810
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NTDB id 377 SMU RS09275 WP 002262344.1	KFDIV.....	813
NTDB id 297 STER RS00545 WP 011680614.1	TFTVV.....	816
NTDB id 329 STU RS10020 WP 011225298.1	TFTVV.....	816
consensus		



- X non conserved
- X similar
- X ≥ 50% conserved