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NTDB id 615 LCA RS02545 WP 011374200.1	MKVNRYLGRFTENELTEE	ERQLAEKLPAMRKEKGKLFQRCNSTIL	EEWYLPIGAYYCRECLLMKRV	74
NTDB id 593 KW2 RS05130 WP 021037147.1	MGQQVIACGRQFTAAQLADTQNN	NYSLPQIKRRPAFLRVKHLRLVCQRCCQVVP	PQTCLPDGRHYCAQCLLFGRL	80
NTDB id 310853 DDV21 RS09090 WP 116878862.1	MNLILENLGLHLLLEKDISAFNNFTDQVNN	ENKLIKIGAMTSVNANKVRCNRCGTIHKTNVKLPIGAFFCPTCLELGRV		69
NTDB id 277 KZH43 RS10090 WP 000867601.1	MDCLDDYFGRFLTETIQLPAE	IRKQAQTCPAAIKKGNSWFCVRCSSLIS	RENALPNGEYVCRNCLVFGRI	69
NTDB id 236 SPD RS10765 WP 000867601.1	MKVNLDYLGRFLTENELTEE	ERQLAEKLPAMRKEKGKLFQRCNSTIL	EEWYLPIGAYYCRECLLMKRV	69
NTDB id 202 SPR RS10250 WP 000867601.1	MKVNLDYLGRFLTENELTEE	ERQLAEKLPAMRKEKGKLFQRCNSTIL	EEWYLPIGAYYCRECLLMKRV	69
NTDB id 167 SP RS11275 WP 000867616.1	MKVNLDYLGRFLTENELTEE	ERQLAEKLPAMRKEKGKLFQRCNSTIL	EEWYLPIGAYYCRECLLMKRV	69
NTDB id 507 SM12261 RS09240 WP 000867722.1	MKVNLDYLGRFLTENELTEE	ERQLAEKLPAMRKEKGKLFQRCNSTIL	EEWYLPIGAYYCRECLLMKRV	69
NTDB id 535 SMSK321 RS10515 WP 000867726.1	MKVNLDYLGRFLTENELTEE	ERQLAEKLPAMRKEKGKLFQRCNSTIL	EEWYLPIGAYYCRECLLMKRV	69
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NTDB id 615 LCA RS02545 WP 011374200.1	RSDQILYYFPQEDFPK	QDVLRGQLTPFQEKVSEGLLQAVDKQKPT	LVHAVTGAGKTEMIIYQVAVKVINAGGAVCLA	154
NTDB id 593 KW2 RS05130 WP 021037147.1	VEGDWLYTYVPECHLFENNIPKLTWEGQLTPHQEKA	AQAVVEVVQTQKRHVLT	ITAVTGAGKTEMLFQGGILVALQKQGRVCLA	158
NTDB id 310853 DDV21 RS09090 WP 116878862.1	RSDEYFYHLPQQDFPE	..KTYLRWTGKLTENQEKISDALCQQITNNQKLLVQAVTGAGKTEMIYQLIEQILSHGGSVGLA		147
NTDB id 277 KZH43 RS10090 WP 000867601.1	STKASLYFFRQKQKPPA	..VRSLLIWTGKLTTPYQKRVS	DALVSNLEKGDHLLVHAVTGAGKTEMIYKMASVIDQKQAVCTA	147
NTDB id 236 SPD RS10765 WP 000867601.1	RSDQILYYFPQEDFPK	..QDVLKWRGQLTPFQEKVSEGLLQAVDKQKPT	LVHAVTGAGKTEMIYQVAVKVINAGGAVCLA	147
NTDB id 202 SPR RS10250 WP 000867601.1	RSDQILYYFPQEDFPK	..QDVLKWRGQLTPFQEKVSEGLLQAVDKQKPT	LVHAVTGAGKTEMIYQVAVKVINAGGAVCLA	147
NTDB id 167 SP RS11275 WP 000867616.1	RSDQILYYFPQEDFPK	..QDVLKWRGQLTPFQEKVSEGLLQAVDKQKPT	LVHAVTGAGKTEMIYQVAVKVINAGGAVCLA	147
NTDB id 507 SM12261 RS09240 WP 000867722.1	RSDQILYYFPQEDFPK	..QDVLKWRGQLTPFQEKVSEGLLQAVDKQKPT	LVHAVTGAGKTEMIYQVAVKVINAGGAVCLA	147
NTDB id 535 SMSK321 RS10515 WP 000867726.1	RSDQILYYFPQEDFPK	..QDVLKWRGQLTPFQEKVSEGLLQAVDKQKPT	LVHAVTGAGKTEMIYQVAVKVINAGGAVCLA	147
consensus	*****!*****	*****!!!!*****	*****!!!!*****	

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NTDB id 615 LCA RS02545 WP 011374200.1	SPRIDVCLLEYKRLQDFSC	ALLHGE	SEPYFRTPLVATTHQLLKFYQAFDILLVDEVDAPFPYVDPNPMLYHAVKNS	234
NTDB id 593 KW2 RS05130 WP 021037147.1	APRVAVCLELYPRLQAAFAITTS	IMLMHGEQ	TEPYRYTQLVICCTTHQLLKFYHAFDITVIVDEVDAPFPYVDPNPVLATAVEQA	236
NTDB id 310853 DDV21 RS09090 WP 116878862.1	SPRIDVCLIELHQLRLSRDFTCQ	..IPLLYHE	..GDSYFRSPLVVMTSHQLLRFKEAFDILLI	225
NTDB id 277 KZH43 RS10090 WP 000867601.1	SPRIDVCLIELYKRLQDFSCG	..IALLHGE	..SEPYFRTPLVATTHQLLKFYQAFDILLI	225
NTDB id 236 SPD RS10765 WP 000867601.1	SPRIDVCLIELYKRLQDFSCG	..IALLHGE	..SEPYFRTPLVATTHQLLKFYQAFDILLI	225
NTDB id 202 SPR RS10250 WP 000867601.1	SPRIDVCLIELYKRLQDFSCG	..IALLHGE	..SEPYFRTPLVATTHQLLKFYQAFDILLI	225
NTDB id 167 SP RS11275 WP 000867616.1	SPRIDVCLIELYKRLQDFSCG	..IALLHGE	..SEPYFRTPLVATTHQLLKFYQAFDILLI	225
NTDB id 507 SM12261 RS09240 WP 000867722.1	SPRIDVCLIELYKRLQDFSCG	..IALLHGE	..SEPYFRTPLVATTHQLLKFYQAFDILLI	225
NTDB id 535 SMSK321 RS10515 WP 000867726.1	SPRIDVCLIELYKRLQDFSCG	..IALLHGE	..SEPYFRTPLVATTHQLLKFYQAFDILLI	225
consensus	*****!*****	*****!!!!*****	*****!!!!*****	

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NTDB id 615 LCA RS02545 WP 011374200.1	VKENGLRIFLTATSTNELDKKVR	GELKRL	PRRFHGNPLIIPKPIWLSDFNRYLDKNRLSPKLSYIEKQRKTYPL	313
NTDB id 593 KW2 RS05130 WP 021037147.1	CKPQCALLYLTATPTPAIKRA	IAAKQMTVSELPLRFHGHLLPEPQRHVAF	NWRAQLKKGRLPKRLERDCQTYLK	303
NTDB id 310853 DDV21 RS09090 WP 116878862.1	KKINGTLLYLTATSTDKLDKQ	IKKHEIKRFLPRRFHGHPLVIPMFFWKKTFYKK	FIEQRKTCFP	305
NTDB id 277 KZH43 RS10090 WP 000867601.1	LKKDGKIKFLTATSTERLDRQV	KKGQKLLHLARRFHGKPLVIPKTIQWLGNLLTEM	DRGRLPRKLLTMIKQRKTCFP	305
NTDB id 236 SPD RS10765 WP 000867601.1	VKENGLRIFLTATSTNELDKKVR	GELKRL	NLPRRFHGNPLIIPKPIWLSDFNRYLDKNRLSPKLSYIEKQRKTYPL	305
NTDB id 202 SPR RS10250 WP 000867601.1	VKENGLRIFLTATSTNELDKKVR	GELKRL	NLPRRFHGNPLIIPKPIWLSDFNRYLDKNRLSPKLSYIEKQRKTYPL	305
NTDB id 167 SP RS11275 WP 000867616.1	VKENGLRIFLTATSTNELDKKVR	GELKRL	NLPRRFHGNPLIIPKPIWLSDFNRYLDKNRLSPKLSYIEKQRKTYPL	305
NTDB id 507 SM12261 RS09240 WP 000867722.1	VKENGLRIFLTATSTNELDKKVR	GELKRL	NLPRRFHGNPLIIPKPIWLSDFNRYLDKNRLSPKLSYIEKQRKTYPL	305
NTDB id 535 SMSK321 RS10515 WP 000867726.1	VKENGLRIFLTATSTNELDKKVR	GELKRL	NLPRRFHGNPLIIPKPIWLSDFNRYLDKNRLSPKLSYIEKQRKTYPL	305
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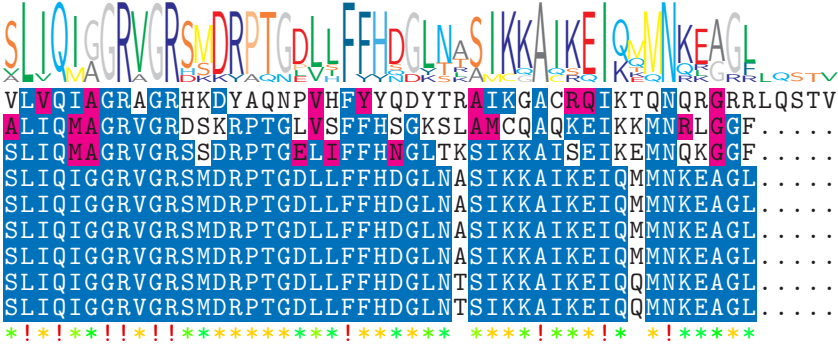
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NTDB id 507 SM12261 RS09240 WP 000867722.1
NTDB id 535 SMSK321 RS10515 WP 000867726.1
consensus



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X non conserved
X similar
X ≥ 50% conserved