

NTDB id 615 LCA RS02545 WP 011374200.1	.MGQQVIACGRQFTAAQLADTQNNNY...SLPQIKRRPAFLRVKHLRV	CQRCQQ.VVPPQTC	LPDGRHYCAQCLLFGRL	74
NTDB id 593 KW2 RS05130 WP 021037147.1	MNLILENLGLHILLEKDISAFNNFTDQVNNENKLIKIGAMTSVNANKVRCNRCGTIHIKTNVKLP	IGAFFCPTCLELGRV		80
NTDB id 977216 MGAS37853 RS06745 WP 010922534.1	.MESIENSYGRLLLESQLPDSA.....KQLAQPLKSVVILRGKMICQRCHY.QLDEEARLPS	GAYYCRFCLVFGRN		69
NTDB id 277 KZH43 RS10090 WP 000867601.1	.MKVNLIDYLGRLFTENELTEEE.....RQLAEKLPAMRKEKGKLFQCRCNS	.TILEEWYLP	IGAYYCRECLLMKRV	69
NTDB id 236 SPD RS10765 WP 000867601.1	.MKVNLIDYLGRLFTENELTEEE.....RQLAEKLPAMRKEKGKLFQCRCNS	.TILEEWYLP	IGAYYCRECLLMKRV	69
NTDB id 202 SPR RS10250 WP 000867601.1	.MKVNLIDYLGRLFTENELTEEE.....RQLAEKLPAMRKEKGKLFQCRCNS	.TILEEWYLP	IGAYYCRECLLMKRV	69
NTDB id 167 SP RS11275 WP 000867616.1	.MKVNLIDYLGRLFTENELTEEE.....RQLAEKLPAMRKEKGKLFQCRCNS	.TILEEWYLP	IGAYYCRECLLMKRV	69
NTDB id 507 SM12261 RS09240 WP 000867722.1	.MKVNPNIYLGRLFTENELTEEE.....RQLAEKLPAMRKEKGKLFQCRCNS	.TILEEWYLP	IGAYYCRECLLMKRV	69
NTDB id 535 SMSK321 RS10515 WP 000867726.1	.MKVNPNIYLGRLFTENELTKEE.....RQLAEKLPAMRKEKGKLFQCRCNS	.AILDEWYLP	IGAYYCRECLLMKRV	69
consensus	***** **!******	*****!*****		

NTDB id 615 LCA RS02545 WP 011374200.1	VEGDWLYTVPECHLFENNIPKLTWEQGLTPHQEKAQAQAVVEVVTQKRHVLTAVTGAGKTEMFLQGILVA LQKGQRVCL A	154
NTDB id 593 KW2 RS05130 WP 021037147.1	RSD EYFYHLPQQDFPEKT .YLRLWTGKLTENQEKEISDALCQQITNNQKLVLQAVTGAGKTEMIYQLIEQILSHGGSSVGLA	158
NTDB id 977216 MGAS37853 RS06745 WP 010922534.1	QSDKLLYAIPPMHFPPKGN.YLVWGGLTA YQEMISQQLINMQNQKTL VHAVTGAGKTEMIYAAIEAVINTGGWVCIA	147
NTDB id 277 KZH43 RS10090 WP 000867601.1	RSDQTLYFFPQEDFPKQD.VLKWRGQLTPFQEKVSEGLLQAVDKQKPTLVHAVTGAGKTEMIYQVVAKVINAGGAVCLA	147
NTDB id 236 SPD RS10765 WP 000867601.1	RSDQTLTYFFPQEDFPKQD.VLKWRGQLTPFQEKVSEGLLQAVDKQKPTLVHAVTGAGKTEMIYQVVAKVINAGGAVCLA	147
NTDB id 202 SPR RS10250 WP 000867601.1	RSDQTLTYFFPQEDFPKQD.VLKWRGQLTPFQEKVSEGLLQAVDKQKPTLVHAVTGAGKTEMIYQVVAKVINAGGAVCLA	147
NTDB id 167 SP RS11275 WP 000867616.1	RSDQTLTYFFPQEDFPKQD.VLKWRGQLTPFQEKVSEGLLQAVDKQKPTLVHAVTGAGKTEMIYQVVAKVINAGGAVCLA	147
NTDB id 507 SM12261 RS09240 WP 000867722.1	RSDQS SLYFFPQEDFPKQD .VLKWRGQLTPFDKVSQGLLQAVDKQEP SL VHAVTGAGKTEMIYQVVAKVINAGGAVCLA	147
NTDB id 535 SMSK321 RS10515 WP 000867726.1	RSDQVLYFFPQEDFAKQD.LLKWRGQLTPFQEKVSEGLIQAVDKQEPILVHAVTGAGKTEMIYQVVAKVINAGGAVCLA	147
consensus	* * * * *	

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