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NTDB id 624 LCA RS00040 WP 011373726.1	MINRVVLVGRLLTRDVLRYTSSGA	AVGTF	SMAVNRQFT	NANGDREADF	INCVIWRK	SAENFAN	FTKKGSL	V	GVDGR	LQTR	80					
NTDB id 113 BSU 40900 NP 391970.1	MLNRVVLVGRLLTKDPELRYTP	NGAAVATFT	LAVNRFT	FNQSG	EREADF	INCVTWR	RQAEN	VANFL	KKGSL	AGVDGRLQTR	80					
NTDB id 597 KW2 RS01935 WP 021036727.1	.MNKTM	LIGRLTNAPEISKTTN	NKSYVRVT	LAVNRFF	KNEK	GEREADF	ISITL	WGKSAET	LVSYAK	KGSLISV	EGEIRTR	79				
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKVIM	IGRLTSTPELHKT	TNNDKSVARATI	AVNRRYK	DQNGEREAD	FVNMVLWG	KLAES	LASYAT	KGSLISV	DGELRTR	80					
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVIL	IGRLTSTPELHKT	TNNDKSVARATI	AVNRRYK	DQNGEREAD	FVNMVLWG	RLAET	LASYAT	KGSLISV	DGELRTR	80					
NTDB id 337689 EQH31 RS09225 WP 000282467.1	MYNKVIM	IGRLTSTPELHKT	TNNDKSVARATI	AVNRRYK	DQNGEREAD	FVNMVLWG	RLAET	LASYAT	KGSLISV	DGELRTR	80					
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIM	IGRLTSTPELHKT	TNNDKSVARATI	AVNRRYK	DQNGEREAD	FVNMVLWG	RLAET	LASYAT	KGSLISV	DGELRTR	80					
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIM	IGRLTSTPELHKT	TNNDKSVARATI	AVNRRYK	DQNGEREAD	FVNMVLWG	RLAET	LASYAT	KGSLISV	DGELRTR	80					
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIM	IGRLTSTPELHKT	TNNDKSVARATI	AVNRRYK	DQNGEREAD	FVNMVLWG	RLAET	LASYAT	KGSLISV	DGELRTR	80					
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVIL	IGRLTSTPELHKT	TNNDKSVARATI	AVNRRYK	DQNGEREAD	FVNMVLWG	RLAET	LASYAT	KGSLISV	DGELRTR	80					
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKVIL	IGRLVATPEMM	VKT	PKDKSVTR	VT	TLAVNR	FK	SKDGEK	QADFVN	VVLWG	RLAET	LASYG	SKGSLIS	LDGELRTR	80	
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKVIL	IGRLTAPEMM	VKT	PSN	KSVTH	ITLAVNR	FK	TQDGER	QADFVN	VVFWG	KLAES	LV	SYAGKGSL	VSLDGE	IRTR	80
consensus	*****!!!!*****!!*****!!!!*****!*****!*****!*****!*****!*****!*****!*****!*****!															

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NTDB id 624 LCA RS00040 WP 011373726.1	NYENQGGQRRVYVTEVVVDNFSLL	ESRTTTEQR	CGD	GSQNFNSNQSNQSGSQ.....	QSGFTSPQQTGN	APAA	NNTQADP	153
NTDB id 113 BSU 40900 NP 391970.1	NYENQGGQRRVFVTEVQAESVQFLEP	KNGG	SGS.....	GGYNEGNSGGGQYF	GGGQNDNPF	GGNQNNQRRN	QGNSFNDDP	155
NTDB id 597 KW2 RS01935 WP 021036727.1	NYTDKNEQKHYTEILGLSYDLLES	RATLAL	RESAV.....					115
NTDB id 498 SM12261 RS01980 WP 000282464.1	RFE.KNGQMNYVTEVLVTG	FQLLES	RAQR	AMRENNAGQ.....				117
NTDB id 526 SMSK321 RS08825 WP 000282440.1	RFE.KNGQMNYVAEVLVTG	FQLLES	RAQR	AMRENNAGQ.....				117
NTDB id 337689 EQH31 RS09225 WP 000282467.1	RFE.KNGQMNYVTEVLVTG	FQLLES	RAQR	AMRENNAGQ.....				117
NTDB id 268 KZH43 RS08520 WP 000282467.1	RFE.KNGQMNYVTEVLVTG	FQLLES	RAQR	AMRENNAGQ.....				117
NTDB id 227 SPD RS09110 WP 000282467.1	RFE.KNGQMNYVTEVLVTG	FQLLES	RAQR	AMRENNAGQ.....				117
NTDB id 193 SPR RS08685 WP 000282467.1	RFE.KNGQMNYVTEVLVTG	FQLLES	RAQR	AMRENNAGQ.....				117
NTDB id 158 SP RS09595 WP 000282442.1	RFE.KNGQMNYVTEVLVTG	FQLLES	RAQR	AMRENNAGQ.....				117
NTDB id 409 SMU RS08940 WP 002263454.1	KYE.KDGVTHFVTEVLGHS	FQLLES	RAQR	AMRENNSEN.....				117
NTDB id 583 DLJ51 RS09560 WP 002962590.1	HYE.KDGVTHYVTEIL	AQS	FQLLES	RAQRALRENNGAS.....				117
consensus	*** *****!*****!!*****							

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NTDB id 624 LCA RS00040 WP 011373726.1	FANNGQAIDIS	DDDL	LPF	170
NTDB id 113 BSU 40900 NP 391970.1	FANDGKPIDIS	DDDL	LPF	172
NTDB id 597 KW2 RS01935 WP 021036727.1	...KTEELLLE	AD	ELPF	129
NTDB id 498 SM12261 RS01980 WP 000282464.1	...DLADLVLEEE	EELPF		131
NTDB id 526 SMSK321 RS08825 WP 000282440.1	...DLADLVLEEE	EELPF		131
NTDB id 337689 EQH31 RS09225 WP 000282467.1	...DLADLVLEEE	EELPF		131
NTDB id 268 KZH43 RS08520 WP 000282467.1	...DLADLVLEEE	EELPF		131
NTDB id 227 SPD RS09110 WP 000282467.1	...DLADLVLEEE	EELPF		131
NTDB id 193 SPR RS08685 WP 000282467.1	...DLADLVLEEE	EELPF		131
NTDB id 158 SP RS09595 WP 000282442.1	...DLADLVLEEE	EELPF		131
NTDB id 409 SMU RS08940 WP 002263454.1	...DLADLVLEEE	EELPF		131
NTDB id 583 DLJ51 RS09560 WP 002962590.1	...DLTDLVLEEE	EELPF		131
consensus	*****!!!!			

- ☒ non conserved
- ☒ similar
- ☒ ≥ 50% conserved