

NTDB id	1402 DSB67 RS12670 WP 010643257.1	.MKT.....APQLKNYRWKGINSNGKK.TSGNVLAMTEIEVRRERLDAQHIKIKKLKKSISFITK.ISHRVKGKDIT	71
NTDB id	158042 AOT11 RS09830 WP 017421192.1	MKLKT.....HSQIKNYQQWKGINGAGKK.VSGNLTALTELEVVRDKLMQHIIQIKKIKKSSVSVFTR.LSHKVVGKDITL	72
NTDB id	1169 A1552VC RS11075 WP 000648511.1	MKATQ.....TLPLKNYRWKGINSNGKK.VSGQMLAISEIENVRDCLKDQHIQIKKLKKSIGSVSLAR.LTHRVRKSKDITI	72
NTDB id	1113 AAA85695.1 219..1451()	.MAKNGGFSLFAKKEKRFFIFEGRHASADKLVNGEVSFAFTEEARKKLAKRGIRPLQITRV....KTSSRKKITIQEDIV	74
NTDB id	1112 NFGF RS09215 WP 003689811.1	.MAKNGGFSLFAKKEKRFFIFEGRHASADKLVNGEVSFAFTEEARKKLAKRGIRPLQITRV....KTSSRKKITIQEDIV	74
NTDB id	1252 GCO85 RS07730 WP 011213805.1	.MDKN.....SPPLLTFHYQGINKAQGK.MEGDIQARS LAIAKADLRKQGIVTNKVVKKRKP LFDR.KNKKITQA DITV	71
NTDB id	1198 PSJM300 O3950 AFN76868.1	.MAQK.....AIKNSVFTWEGLDRQGA.IKGELSGVSPALVKAQLRKQGINPQKVRKKSISLFS..AGKKIKPM DIAL	70
NTDB id	1016 ACIAD RS01680 WP 004920476.1	MAAKK.....TQVMVPV FAYEGVDRKGVI.LKGELPARNMALAKVT LRKGGITIRTIREKRKN IFEGLLKKV K PL DIAI	73
NTDB id	1059 ABD1 RS01610 WP 000279215.1	MAVKK.....AQMMPTFAYEGVDRKGVI.IKGELPAKNMALAKVT LRKGGITVRNI REKRKN ILEGLFKK V VTLDITI	73
consensus		** ** * * * * * ! * ! * * * * * * * ! * * * * * * * * ! * * * * ! * *	

[illegible][illegible]

NTDB	id	1402	DSB67	RS12670	WP	010643257.1	SFVSL	I	S	G	K	I	M	S	Q	R	S	D	S	F	R	L	L	A	A	R	S	S	L	R	V	P	I	L	G	P	V	L	S	K	A	A	I	A	K	F	S	R	T	L	A	T	S	F	S	A	G	I	P	I	L	T	A	L	K	T	T	S	K	T	S	G	N	M	H	Y	Q	L	A	I	E	311				
NTDB	id	158042	AOT11	RS09830	WP	017421192.1	T	F	S	A	I	Y	L	L	R	G	L	S	K	K	S	P	A	F	R	L	K	M	S	R	L	S	L	K	I	P	V	I	G	G	V	L	S	K	A	A	I	A	K	F	S	R	T	L	A	T	S	F	S	A	G	I	P	I	L	T	S	L	K	T	T	S	K	T	A	G	N	L	H	Y	Q	Y	A	I	E	312
NTDB	id	1169	A1552VC	RS11075	WP	000648511.1	A	I	A	A	A	I	F	G	L	K	A	L	H	K	N	S	F	Q	I	R	L	K	T	S	R	L	G	L	K	F	P	I	G	N	V	L	A	K	A	S	I	A	K	F	S	R	T	L	A	T	S	F	A	A	G	I	P	I	L	A	S	L	K	T	T	A	K	T	S	G	N	V	H	F	E	T	A	I	N	312
NTDB	id	1113	AAA85695.1	219..1451()			A	L	G	F	A	I	Y	R	F	L	K	L	K	A	R	S	I	K	I	Q	R	R	M	D	A	I	L	L	R	M	P	I	F	G	D	I	V	R	K	G	T	I	A	R	W	G	R	T	T	A	T	L	F	A	A	G	V	P	L	D	V	L	D	S	T	A	G	A	G	N	L	I	Y	E	E	A	T	R	314	
NTDB	id	1112	NGFG	RS09215	WP	003689811.1	A	L	G	F	A	I	Y	R	F	L	K	L	K	A	R	S	I	K	I	Q	R	R	M	D	A	I	L	L	R	M	P	I	F	G	D	I	V	R	K	G	T	I	A	R	W	G	R	T	T	A	T	L	F	A	A	G	V	P	L	D	V	L	D	S	T	A	G	A	G	N	L	I	Y	E	E	A	T	R	314	
NTDB	id	1252	GC085	RS07730	WP	011213805.1	A	L	G	G	V	Y	S	F	F	Y	A	K	N	H	S	L	E	F	A	Q	T	I	D	R	V	M	L	K	L	P	V	I	G	P	I	L	E	K	A	A	I	A	R	F	A	R	T	L	S	I	T	F	A	A	G	L	P	L	V	E	A	L	K	S	V	A	G	A	T	G	N	I	I	Y	A	K	A	T	D	311
NTDB	id	1198	PSJM300	03950	AFN76868.1		G	F	V	C	A	A	Y	A	F	K	Q	A	H	T	R	S	E	K	F	R	N	W	F	D	R	L	M	L	K	V	P	V	V	G	D	I	L	Y	K	S	S	V	A	R	F	A	R	T	L	S	T	T	F	A	A	G	V	P	L	D	A	L	D	S	V	A	G	A	T	G	N	V	V	F	R	S	A	T	N	310
NTDB	id	1016	ACIAD	RS01680	WP	004920476.1	V	I	G	A	A	T	A	C	F	L	E	A	K	R	S	K	R	F																																																														

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NTDB id 1402 DSB67 RS12670 WP 010643257.1
NTDB id 158042 AOT11 RS09830 WP 017421192.1
NTDB id 1169 A1552VC RS11075 WP 000648511.1
NTDB id 1113 AAA85695.1 219..1451()
NTDB id 1112 NGFG RS09215 WP 003689811.1
NTDB id 1252 GC085 RS07730 WP 011213805.1
NTDB id 1198 PSJM300 03950 AFN76868.1
NTDB id 1016 ACIAD RS01680 WP 004920476.1
NTDB id 1059 ABD1 RS01610 WP 000279215.1
consensus

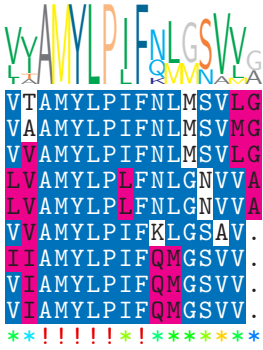


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NTDB id 1402 DSB67 RS12670 WP 010643257.1
NTDB id 158042 AOT11 RS09830 WP 017421192.1
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NTDB id 1016 ACIAD RS01680 WP 004920476.1
NTDB id 1059 ABD1 RS01610 WP 000279215.1
consensus



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☒ non conserved
☒ similar
☒ ≥ 50% conserved