

NTDB id	26216 VCM66 RS02380 WP 000422572.1	MELNQYLDGMLTHKASDLYITVGAFLYLRYVDGELRAQGEAL.SVA	DVTALLHAMDDARQAEFKQTREANFAVVRD	75
NTDB id	1177 A1552VC RS01165 WP 000422572.1	MELNQYLDGMLTHKASDLYITVGAFLYLRYVDGELRAQGEAL.SVA	DVTALLHAMDDARQAEFKQTREANFAVVRD	75
NTDB id	1203 PSJM300 01605 AFN76401.1	MEFEKLRLMVKEGGSDLFITAGVPSSMKVNKGILPVNKTPMSPEMTRET	VHGVMMNEQQRRFETENHECNFAISAR	76
NTDB id	1019 ACIAD RS04205 WP 004922051.1	MDFNDDLNLMAKHKASDLFITAGVEPSLKNIGEITPVSKTCLDGDMIAQLIDS	ITTQKKRQEFIETHECNFAILNR	76
NTDB id	1307 DR RS10055 WP 01088596.1	MTSGIDITIDLRLAADKGSADTILAAGLPQFKLSGDYAQGFEPLSAEDTRKLMS	MNNHQQRIFEERRELDFSFAIG	80
NTDB id	1116 NGFG RS10615 WP 003690200.1	MQITDLLAFAGAANKASDLHLSSGISPMIRVHGDMRRINLPEMSAEVGNMVTS	VMNDHQRKIYYQNLEVDFSFELP	76
NTDB id	1086 NMV RS00245 WP 002218487.1	MQITDLLAFAGAANKASDLHLSSGISPMIRVHGDMRRINLPEMSAEVGNMVTS	VMNDHQRKIYYQNLEVDFSFELP	76
NTDB id	1185 GTF74 RS11940 WP 000350195.1	MDIAELLEBSVKHNASDLHLSAGVPPMVRIDGEVRKLGVPAPFTHSDVHR	LIFEIMNDAQRSSEYECKLEVDFSSELFP	76
NTDB id	1176 A1552VC RS01160 WP 000350195.1	MDIAELLEBSVKHNASDLHLSAGVPPMVRIDGEVRKLGVPAPFTHSDVHR	LIFEIMNDAQRSSEYECKLEVDFSSELFP	76
NTDB id	1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFSVKNKSDDLHTSAGMPPIRVGDGLRKINLPPLEHKDKVIKIT	IYDIMNDRQRKEYEEFFETDFSFEIA	76
NTDB id	1259 GC085 RS10305 WP 010947729.1	MDIAELLAFSVKNKSDDLHTSAGMPPIRVGDGLRKINLPPLEHKDKVIKIT	IYDIMNDRQRKEYEEFFETDFSFEIA	76
NTDB id	1194 PAO395 NP 249086.1	MDITELLAFSAKKGASDLHLSAGLPPMIRVDGDVRRINLPPLEHKQVHAL	IYDIMNDKQRKDFFEFLTDIFSFEVP	76
NTDB id	1202 PSJM300 01600 AFN76400.1	MDITELLAFSAKKGASDLHLSAGLPPMIRVDGDVRRINLPPAMDHKQVHA	IYDIMNDKQRKDFFEFLTDIFSFEVP	76
NTDB id	1020 ACIAD RS04210 WP 011182164.1	MDITELLAFSVQNRASDLHLSAGIPPMIRVDGEVRRINLPAMDHS	EVENLIYDIMNDKQRDYEEKLETDFSFEVP	76
NTDB id	1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSVKNGASDLHLSAGMPPIRVGDGEVRRINLPALAHKQDVHR	LVDYIMNDKQRDYEEKLETDFSFEVP	76
NTDB id	1040 HON27 RS13360 WP 000355489.1	MDITELLAFSVKNGASDLHLSAGMPPIRVGDGEVRRINLPALAHKQDVHR	LVDYIMNDKQRDYEEKLETDFSFEVP	76
NTDB id	1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSVKNGASDLHLSAGMPPIRVGDGEVRRINLPALAHKQDVHR	LVDYIMNDKQRDYEEKLETDFSFEVP	76
consensus		*** *!****** ! !*****!	*!!!!!!*	*

NTDB	id	26216	VCM66	RS02380	WP	000422572.1	..	S	C	R	F	R	V	S	A	F	F	Q	R	E	L	P	G	A	V	I	R	R	I	E	T	R	I	P	T	F	E	E	L	K	L	P	E	V	L	Q	N	L	A	I	A	K	R	G	L	V	L	V	G	A	T	G	S	G	K	S	T	T	M	A	A	M	T	G	Y	R	N	Q	H	R	T	G	H	I		153		
NTDB	id	1177	A1552VC	RS01165	WP	000422572.1	..	S	C	R	F	R	V	S	A	F	F	Q	R	E	L	P	G	A	V	I	R	R	I	E	T	R	I	P	T	F	E	E	L	K	L	P	E	V	L	Q	N	L	A	I	A	K	R	G	L	V	L	V	G	A	T	G	S	G	K	S	T	T	M	A	A	M	T	G	Y	R	N	Q	H	R	T	G	H	I		153		
NTDB	id	1203	PSJM300	01605	AFN	76401.1	G	.	T	C	R	F	R	V	S	A	F	Y	Q	R	N	L	A	G	M	V	L	R	R	I	E	T	N	I	P	T	I	E	D	L	K	L	P	D	V	L	K	K	L	A	L	T	K	R	G	L	V	L	F	V	G	A	T	G	T	G	K	S	T	S	L	A	A	M	I	G	Y	R	N	K	N	S	S	G	H	I		155
NTDB	id	1019	ACIAD	RS04205	WP	004922051.1	E	K	N	E	R	F	R	V	S	A	F	Q	R	D	M	P	G	M	V	I	R	R	I	E	T	K	I	P	S	P	D	D	L	H	L	P	P	I	L	K	E	L	A	M	S	K	R	G	I	I	F	S	G	A	T	G	T	G	K	S	T	S	L	A	S	M	I	Q	H	R	N	Q	H	S	K	G	H	I		156		
NTDB	id	1307	DR	RS10055	WP	01088596.1	D	.	K	A	R	F	R	V	N	A	F	M	Q	R	G	N	V	C	M	V	R	L	I	P	T	T	V	R	T	I	A	E	M	G	L	P	Q	T	V	I	D	I	A	N	A	P	R	G	L	V	T	G	P	T	G	S	G	K	S	T	L	A	S	M	I	D	H	I	N	T	T	K	L	H	I		159					
NTDB	id	1116	NGFG	RS10615	WP	003690200.1	N	.	V	A	R	F	R	V	N	A	F	N	T	G	R	G	P	A	A	V	F	R	T	I	P	S	T	V	L	S	L	E	E	L	K	A	P	S	I	F	Q	K	I	A	E	S	P	R	G	M	V	L	T	G	P	T	G	S	G	K	S	T	T	L	A	A	M	I	N	Y	I	N	E	T	Q	P	A	H	I		155	
NTDB	id	1086	NMV	RS00245	WP	002218487.1	N	.	V	A	R	F	R	V	N	A	F	N	I	G	R	G	P	A	A	V	F	R	T	I	P	S	T	V	L	S	L	E	E	L	K	A	P	S	I	F	Q	K	I	A	E	S	P	R	G	M	V	L	T	G	P	T	G	S	G	K	S	T	T	L	A	A	M	I	N	Y	I	N	E	T	Q	P	A	H	I		155	
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NTDB	id	1176	A1552VC	RS01160	WP	000350195.1	N	.	V	C	R	F	R	V	N	A	F	H	Q	A	R	G	C	S	A	V	F	R	T	I	P	T	V	I	P	T	L	E	Q	L	D	A	P	E	I	F	S	K	I	A	N																																					

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NTDB id 26216 VCM66 RS02380 WP 000422572.1
NTDB id 1177 A1552VC RS01165 WP 000422572.1
NTDB id 1203 PSJM300 01605 AFN76401.1
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NTDB id 1307 DR RS10055 WP 01088596.1
NTDB id 1116 NGFG RS10615 WP 003690200.1
NTDB id 1086 NMV RS00245 WP 002218487.1
NTDB id 1185 GTF74 RS11940 WP 000350195.1
NTDB id 1176 A1552VC RS01160 WP 000350195.1
NTDB id 1283 ACE17W RS02630 WP 010947729.1
NTDB id 1259 GC085 RS10305 WP 010947729.1
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NTDB id 1020 ACIAD RS04210 WP 011182164.1
NTDB id 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HON27 RS13360 WP 000355489.1
NTDB id 1081 FDQ49 RS05335 WP 006581387.1
consensus

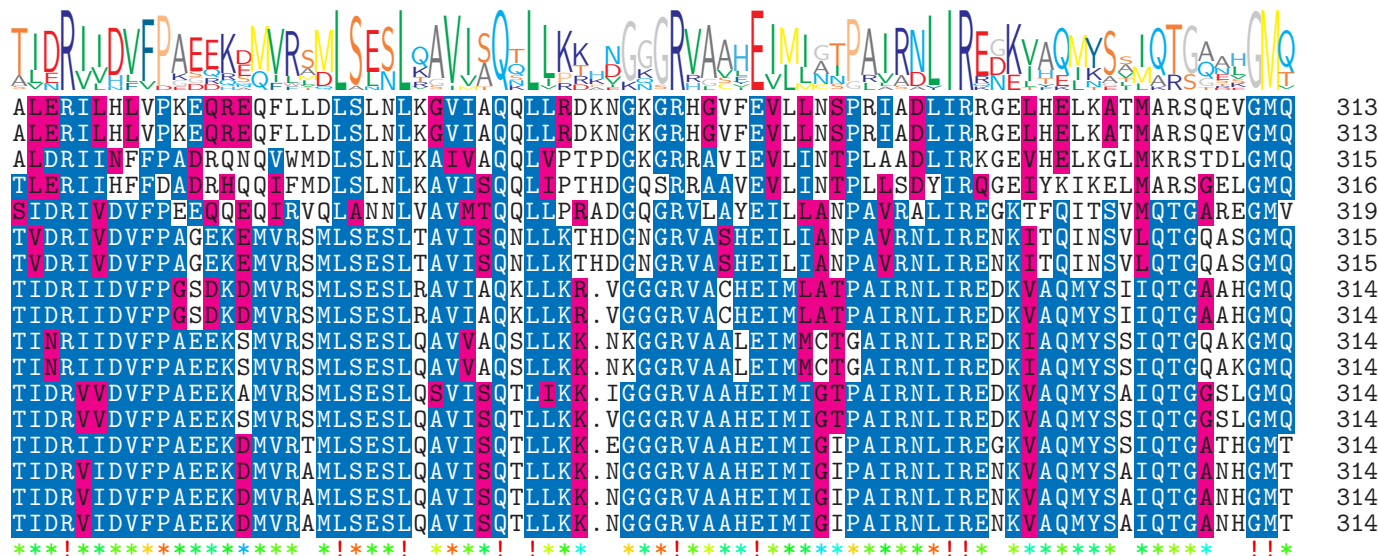
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NTDB id 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HON27 RS13360 WP 000355489.1
NTDB id 1081 FDQ49 RS05335 WP 006581387.1
consensus

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logo

NTDB id 26216 VCM66 RS02380 WP 000422572.1	TFDQALYQLVVDKISEQDALHSADSANDLRLMLKTKRGDDY...GSGSLQNVKI.....DME.....	368
NTDB id 1177 A1552VC RS01165 WP 000422572.1	TFDQALYQLVVDKISEQDALHSADSANDLRLMLKTKRGDDY...GSGSLQNVKI.....DME.....	368
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NTDB id 1060 ABD1 RS04380 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQ.PESFL.....	345
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consensus	!*** * !* ***** * *	

logo

NTDB id 26216 VCM66 RS02380 WP 000422572.1	PATPAAPAAGRSEPCRRACCFGR	368
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NTDB id 1203 PSJM300 01605 AFN76401.1		381
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NTDB id 1259 GC085 RS10305 WP 010947729.1		344
NTDB id 1194 PA0395 NP 249086.1		344
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NTDB id 1040 HON27 RS13360 WP 000355489.1		345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1		345
consensus		

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