

logo

	MRLCPRFSLDLLVKVKKLVNFVTLGFSCLSPTHAWRSPQSFTESNTLIMFRFYRKQKFKRLQNTLMAAFLALSIIPLTIT	
NTDB id 1143 A1552VC RS01965 WP 001883436.1	MRLCPRFSLDLLVKVKKLVNFVTLGFSCLSPTHAWRSPQSFTESNTLIMFRFYRKQKFKRLQNTLMAAFLALSIIPLTIT	80
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 252812 MOTT16 RS01195 WP 050324978.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

	ALFFLHSHSKDLEQQSTSYLVSVRDNKQQQVIDYMMAKESEVMGFVRSELAYASGGRFYGLVNAFQRLDVSIEAAREHAQ	
NTDB id 1143 A1552VC RS01965 WP 001883436.1	ALFFLHSHSKDLEQQSTSYLVSVRDNKQQQVIDYMMAKESEVMGFVRSELAYASGGRFYGLVNAFQRLDVSIEAAREHAQ	160
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 252812 MOTT16 RS01195 WP 050324978.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

	QRYITGSGDQIKTSVLPQSSSYVGSERYRLLHKRYHWAYLELLKRSDFDILLVDIDGNVVYSIYKYDNFGTNLLTGKYQ	
NTDB id 1143 A1552VC RS01965 WP 001883436.1	QRYITGSGDQIKTSVLPQSSSYVGSERYRLLHKRYHWAYLELLKRSDFDILLVDIDGNVVYSIYKYDNFGTNLLTGKYQ	240
NTDB id 374 SMU RS06885 WP 002262930.1	0
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NTDB id 1047 HON27 RS03110 WP 000389061.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus		

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	DTNLGHTFKRLEQTVNEQRKTNEDFTPVVISDFVQEDGKQYAWLGAPIIQQGYLHSYAMFRLPSNAITKLI AEGSSNPSM	
NTDB id 1143 A1552VC RS01965 WP 001883436.1	DTNLGHTFKRLEQTVNEQRKTNEDFTPVVISDFVQEDGKQYAWLGAPIIQQGYLHSYAMFRLPSNAITKLI AEGSSNPSM	320
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 252812 MOTT16 RS01195 WP 050324978.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus		

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	QTILVGGDHRSRRLTSAEIAVEKSKAWVDLALSCKRAVGTYTNTDGEQIIAAYAPINLKNIHWALVVELPEKEAFARVRQ	
NTDB id 1143 A1552VC RS01965 WP 001883436.1	QTILVGGDHRSRRLTSAEIAVEKSKAWVDLALSCKRAVGTYTNTDGEQIIAAYAPINLKNIHWALVVELPEKEAFARVRQ	400
NTDB id 374 SMU RS06885 WP 002262930.1	0
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NTDB id 1047 HON27 RS03110 WP 000389061.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus		

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	LEKLFVFMALTAIVLVVIASHYLSNFITSPLLKLTWAAERVSAGDLDEAMINTERKDEIGRLAVSFERMQRSIREKISLI	
NTDB id 1143 A1552VC RS01965 WP 001883436.1	LEKLFVFMALTAIVLVVIASHYLSNFITSPLLKLTWAAERVSAGDLDEAMINTERKDEIGRLAVSFERMQRSIREKISLI	480
NTDB id 374 SMU RS06885 WP 002262930.1	0
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NTDB id 1047 HON27 RS03110 WP 000389061.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus		

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	KSQNKELESNLLIIRKQNDLQLANKLKDEFLLATTSHELRTPLHGMIGIAEALISGANGPISAAHKYQLDIISSGQRLA	
NTDB id 1143 A1552VC RS01965 WP 001883436.1	KSQNKELESNLLIIRKQNDLQLANKLKDEFLLATTSHELRTPLHGMIGIAEALISGANGPISAAHKYQLDIISSGQRLA	560
NTDB id 374 SMU RS06885 WP 002262930.1	0
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NTDB id 1047 HON27 RS03110 WP 000389061.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus		

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	TLVDDLLDYHKMRYGALDIQRCAVDLSSATRLVLELSHHLLGKKTLRIINQVSEQPVVWSADPQRLEQVLYNLIGNAIKY	
NTDB id 1143 A1552VC RS01965 WP 001883436.1	TLVDDLLDYHKMRYGALDIQRCAVDLSSATRLVLELSHHLLGKKTLRIINQVSEQPVVWSADPQRLEQVLYNLIGNAIKY	640
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 252812 MOTT16 RS01195 WP 050324978.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus		

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	TSEGKIVISATYIDDKVRVQVVDTGQGIPAEQLEHIFEPLIQAGHDASRYRQAGLGLSISRQLIELMHGTLVSSQPMV	
NTDB id 1143 A1552VC RS01965 WP 001883436.1	TSEGKIVISATYIDDKVRVQVVDTGQGIPAEQLEHIFEPLIQAGHDASRYRQAGLGLSISRQLIELMHGTLVSSQPMV	720
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 252812 MOTT16 RS01195 WP 050324978.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus		

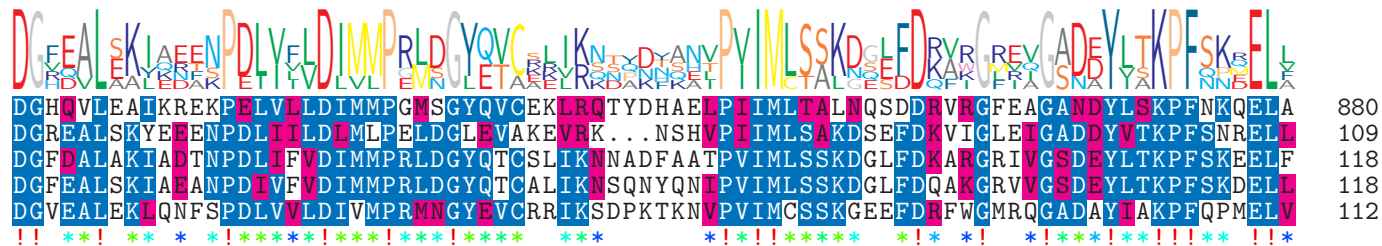
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NTDB id 1143 A1552VC RS01965 WP 001883436.1	GTTFSFTLPLASEEEEIAQARLTLPFHQAPEVLDSELPEQSN	800
NTDB id 374 SMU RS06885 WP 002262930.1	.....	32
NTDB id 252812 MOTT16 RS01195 WP 050324978.1	.....	38
NTDB id 1047 HON27 RS03110 WP 000389061.1	38
NTDB id 1417 SGL RS04200 WP 014407071.1	32
consensus	



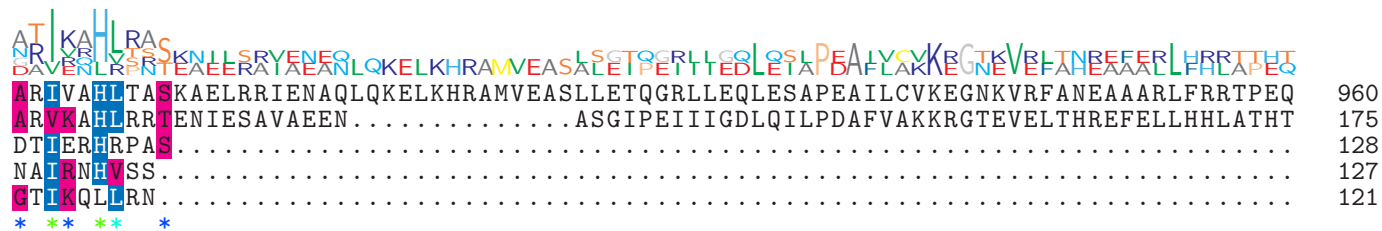
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NTDB id 1143 A1552VC RS01965 WP 001883436.1
 NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 252812 MOTT16 RS01195 WP 050324978.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 consensus



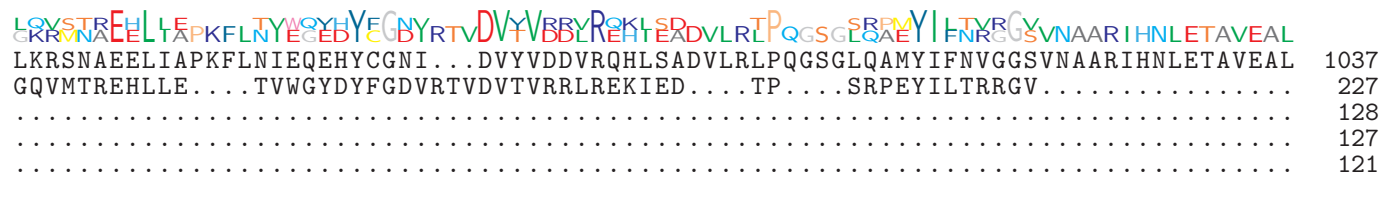
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 NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 252812 MOTT16 RS01195 WP 050324978.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 consensus



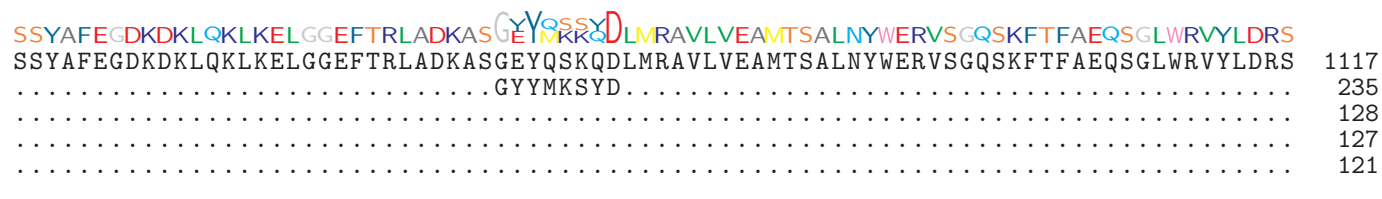
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NTDB id 1143 A1552VC RS01965 WP 001883436.1
 NTDB id 374 SMU RS06885 WP 002262930.1
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 consensus



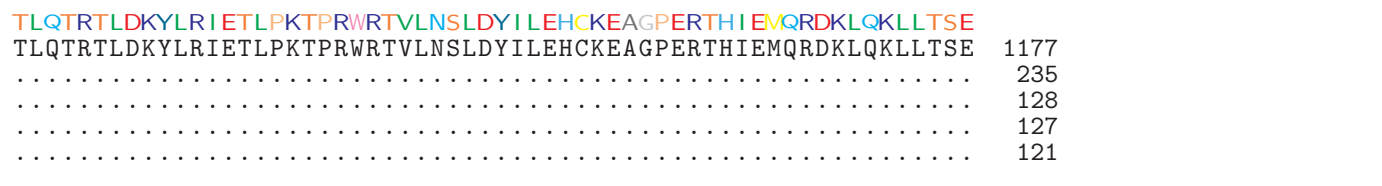
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NTDB id 1143 A1552VC RS01965 WP 001883436.1
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 NTDB id 1047 HON27 RS03110 WP 000389061.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 consensus



 non conserved
 similar
 $\geq 50\%$ conserved