

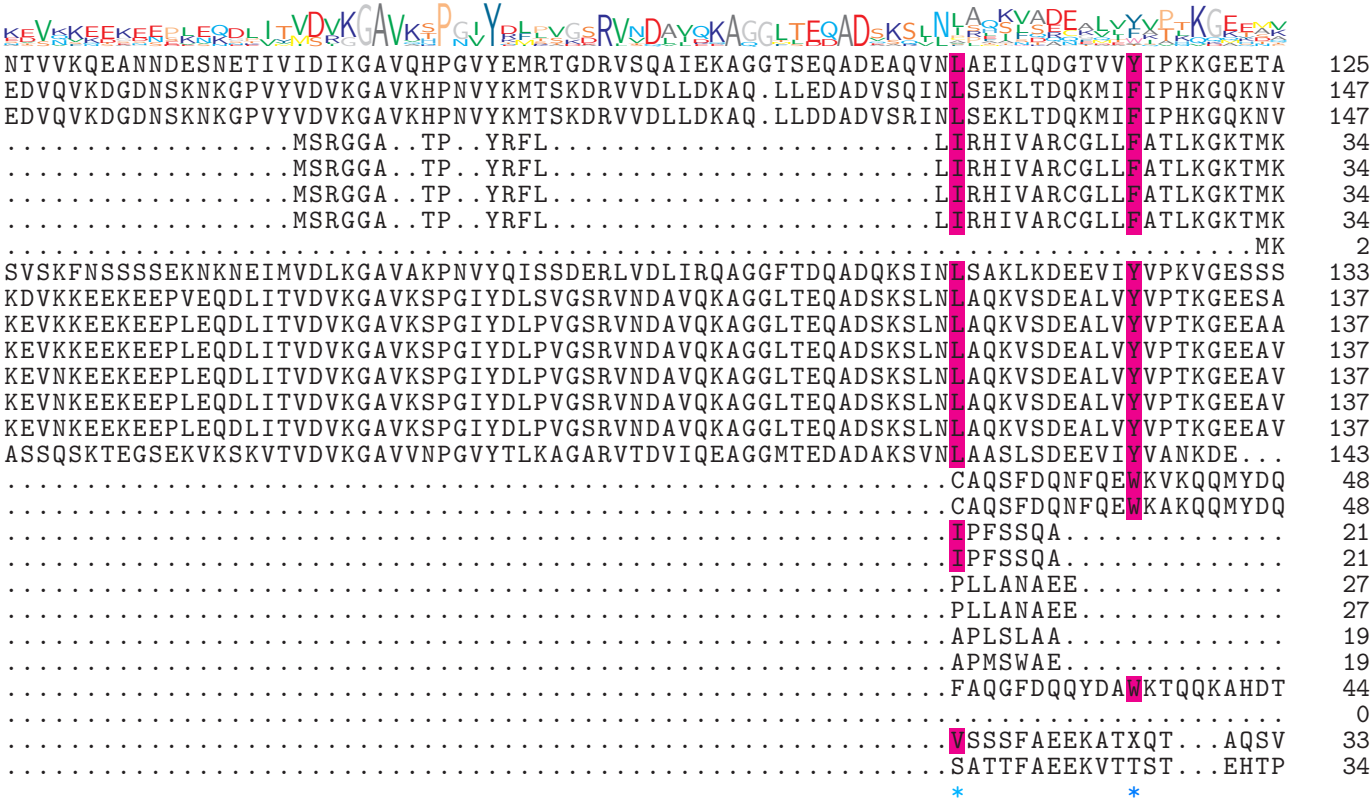
logo

NTDB id 105 BSU 25590 NP 390437.1	MNWLNQHKKAI	ILAA	SAAVFTAIMIFLATG....KNKE....PVKQAV.PT....ETE	45
NTDB id 36 MW RS08230 WP 001793467.1	...MVLLYQ.....FLLRYKD	FLTQWKLYII	SAVVLIMVLIGFIFWRQDDYTSRNFENKDNALKQST.SENSSLSKV	68
NTDB id 20 SA RS08005 WP 001802022.1	...MVLLYQ.....FLLRYKD	FLTQWKLYII	SAVVLIMVLIGFIFWRQDDYTSRNFENKDTALKQST.SENNSLSKL	68
NTDB id 1127 NGFG RS10560 WP 003703428.1				0
NTDB id 1126 NGFG RS09375 WP 003703428.1				0
NTDB id 1125 NGFG RS07215 WP 003703428.1				0
NTDB id 1108 NGFG RS06525 WP 003703428.1				0
NTDB id 1242 Cj0011c YP 002343483.1				0
NTDB id 595 KW2 RS08725 WP 021037687.1	MEKILDKLKEYWKI	MLLVCA..LIAGGIFY.IFTN..SPKPAETLSVEN..LSSS..STKS		53
NTDB id 521 SMSK321 RS04960 WP 000443804.1	MESIIEKIKEYKII	VI	CTGLG..LLVGGFFL.LKPA..PHTPVKETNLQAEVVAISKDSSTE	57
NTDB id 493 SM12261 RS04300 WP 000387351.1	MEAIIEKIKEYKII	VI	CTGLG..LLVGGFFL.LKPA..PQTPVKETNLQAEVVAISKDSVSE	57
NTDB id 153 SP RS04730 WP 000387344.1	MEAIIEKIKEYKII	VI	CTGLG..LLVGGFFL.LKPA..PQTPVKETNLQAEVVAISKDSSTE	57
NTDB id 263 KZH43 RS04195 WP 000387330.1	MEAIIEKIKEYKII	VI	CTGLG..LLVGGFFL.LKPA..PQTPVKETNLQAEVVAISKDLVSE	57
NTDB id 222 SPD RS04535 WP 000387330.1	MEAIIEKIKEYKII	VI	CTGLG..LLVGGFFL.LKPA..PQTPVKETNLQAEVVAISKDLVSE	57
NTDB id 188 SPR RS04295 WP 000387330.1	MEAIIEKIKEYKII	VI	CTGLG..LLVGGFFL.LKPA..PQTPVKETNLQAEVVAISKDLVSE	57
NTDB id 300 STER RS07485 WP 011681496.1	MKEKILAYVKDNRLFVSVIAVLMV.IFCFFLW	MT	CGAGN..SMEAETSYTDVTA..LSTSS.....SKQSSQSLSE	66
NTDB id 1069 ABD1 RS03060 WP 043960841.1	MQYS.....MRFWKNKYFVLI	ML	CLGV...ISP.....SV.....	27
NTDB id 1041 HON27 RS14740 WP 005124713.1	MQYS.....MRFWKNKYFLLI	ML	CLGV...ISP.....SV.....	27
NTDB id 1272 LPP RS04360 WP 010946546.1	MKARL...IA	ILLS.....F.....IV.....		14
NTDB id 1249 GC085 RS04230 WP 010946546.1	MKARL...IA	ILLS.....F.....IV.....		14
NTDB id 1159 ABDM36 RS04765 WP 001166105.1	MQIKTKIVTLFSL	CLP.....TL.....		19
NTDB id 1150 A1552VC RS08580 WP 001166105.1	MQIKTKIVTLFSL	CLP.....TL.....		19
NTDB id 1294 VP RS04495 WP 021449594.1	MKWILT	LCLV.....VF.....		12
NTDB id 1395 DSB67 RS04445 WP 010649155.1	MKWMLT	LCLL.....IL.....		12
NTDB id 1014 ACIAD RS13855 WP 004924483.1	MSIRHFFTFFWAT	LLTLF...SMQ.....IV.....		23
NTDB id 160098 DW68 RS26075 WP 231118625.1				0
NTDB id 1362 HI 1008 AAC22669.1	MKTL..FTSV	VLCG.....A.....LV.....		15
NTDB id 1382 A4U84 RS07375 WP 062924234.1	MKKLSRYTFS	LLFG.....LF.....		16
consensus				

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NTDB id 105 BSU 25590 NP 390437.1
NTDB id 36 MW RS08230 WP 001793467.1
NTDB id 20 SA RS08005 WP 001802022.1
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NTDB id 1125 NGFG RS07215 WP 003703428.1
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NTDB id 595 KW2 RS08725 WP 021037687.1
NTDB id 521 SMSK321 RS04960 WP 000443804.1
NTDB id 493 SM12261 RS04300 WP 000387351.1
NTDB id 153 SP RS04730 WP 000387344.1
NTDB id 263 KZH43 RS04195 WP 000387330.1
NTDB id 222 SPD RS04535 WP 000387330.1
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NTDB id 1395 DSB67 RS04445 WP 010649155.1
NTDB id 1014 ACIAD RS13855 WP 004924483.1
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NTDB id 1362 HI 1008 AAC22669.1
NTDB id 1382 A4U84 RS07375 WP 062924234.1
consensus



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NTDB id 105 BSU 25590 NP 390437.1	VQGGGG.....GS..VQSDGGKGALVNINTATLEELQ.GTISGVGPSKAEAITAYREENGRFQTIEDITKVSIGIGEK	193
NTDB id 36 MW RS08230 WP 001793467.1	EPQIGV.....NSVHVKNNGNTNNTKVNLTASVSELM.SVPGVGQAKANAIVEYRNQQGAFQEIDDLKKVKGFSGK	217
NTDB id 20 SA RS08005 WP 001802022.1	EPQIEV.....NSVHVKNNGNTNNTKVNLTASVSELM.SVPGVGQAKANAIVEYRNQQGAFQEIDDLKKVKGFSGK	217
NTDB id 1127 NGFG RS10560 WP 003703428.1	KM..FV.....LFCMLFSCAFSLAAVNINAASQQELE.ALPGIGPAKAKAIAEYRAQNGAFKSVDDLKVKGIGPA	102
NTDB id 1126 NGFG RS09375 WP 003703428.1	KM..FV.....LFCMLFSCAFSLAAVNINAASQQELE.ALPGIGPAKAKAIAEYRAQNGAFKSVDDLKVKGIGPA	102
NTDB id 1125 NGFG RS07215 WP 003703428.1	KM..FV.....LFCMLFSCAFSLAAVNINAASQQELE.ALPGIGPAKAKAIAEYRAQNGAFKSVDDLKVKGIGPA	102
NTDB id 1108 NGFG RS06525 WP 003703428.1	KM..FV.....LFCMLFSCAFSLAAVNINAASQQELE.ALPGIGPAKAKAIAEYRAQNGAFKSVDDLKVKGIGPA	102
NTDB id 1242 Cj0011c YP 002343483.1	KL..LF.....LF..FALTAFLFGAVNINTATLKLK.SLNGIGEAKAKAILEYRKE.ANFTSIDDLKKVKGIGDK	67
NTDB id 595 KW2 RS08725 WP 021037687.1	SESTDSPTGSSVSNQISTTSGPKVNINKADLTTELQ.KLTGIGQKKAQDIIDFRMKNQDFKSIEDLGKVSQGFCDK	206
NTDB id 521 SMSK321 RS04960 WP 000443804.1	SQHTGSGAP.....SSTSCKDKKINLNKASLEELK.QVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAK	204
NTDB id 493 SM12261 RS04300 WP 000387351.1	SQQAGPGTA.....SSTSKEKKVNLNKASLEELK.QVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAK	204
NTDB id 153 SP RS04730 WP 000387344.1	SQQTGSGTA.....SSTSKEKKVNLNKASLEELK.QVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGK	204
NTDB id 263 KZH43 RS04195 WP 000387330.1	SQQTGLGTA.....SSISKEKKVNLNKASLEELK.QVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGK	204
NTDB id 222 SPD RS04535 WP 000387330.1	SQQTGLGTA.....SSISKEKKVNLNKASLEELK.QVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGK	204
NTDB id 188 SPR RS04295 WP 000387330.1	SQQTGLGTA.....SSISKEKKVNLNKASLEELK.QVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGK	204
NTDB id 300 STER RS07485 WP 011681496.1	..NVSVLDQTGTGQVSD.KGGQAVSKDGKINLNTATSEQLQ.TISGIGAKRAEDVIAYRESHGGFQSVDDLKNVSGIGDK	219
NTDB id 1069 ABD1 RS03060 WP 043960841.1	KLNISKSSHSNSSKI.S.QTKNFNDSTGQIHLNQANVNEFQ.QLKGIGEKKAQAIVEYRQKNGSFKNIDEIKNVKGIGPA	125
NTDB id 1041 HON27 RS14740 WP 005124713.1	KLNITKSSHSNGSKI.S.QTKNFNDSTGQIHLNQANVNEFQ.QLKGVGEKKAQAIVEYRQKNGSFKNIDEIKNVKGIGPA	125
NTDB id 1272 LPP RS04360 WP 010946546.1	ENEPQKTPA.....KQVLVKGKINLNTADVVS LTGSFKGIGKKRAEAI IAYRENHQGFKSLEELA EVKGIGQR	89
NTDB id 1249 GC085 RS04230 WP 010946546.1	ENEPQKTPA.....KQVLVKGKINLNTADVVS LTGSFKGIGKKRAEAI IAYRENHQGFKSLEELA EVKGIGQR	89
NTDB id 1159 ABDM36 RS04765 WP 001166105.1	TAPAAQ.....VEEGIVITVNINTASAEELATLLKGIGLKKAAQIVDYREANGPFTHIDDLTNVKGIGEA	92
NTDB id 1150 A1552VC RS08580 WP 001166105.1	TAPAAQ.....VEEGIVITVNINTASAEELATLLKGIGLKKAAQIVDYREANGPFTHIDDLTNVKGIGEA	92
NTDB id 1294 VP RS04495 WP 021449594.1	DTKAD.....KYGIEITVNINTASAEETATMLKGIGEKKAQSIVDYRTEHGPFKTAADLTNVKGIGEA	83
NTDB id 1395 DSB67 RS04445 WP 010649155.1	TKTKAD.....KYGIEITVNVSATAQEIAATLLIGIGEKKAQDIVEYRNEHGPFKTAADLTNVKGIGEA	84
NTDB id 1014 ACIAD RS13855 WP 004924483.1	RLNSSASHSLSKPT.....QQSGTGKVNINSATAKELQ.QLHGVGEKKALAIVEYRQQYQGFASVDDLQKVKGIGPK	117
NTDB id 160098 DW68 RS26075 WP 231118625.1	MNVNLTADAERLQRELLGIAVAKAAQAVEYREEHGNFASVDELLGAKDIGEA	52
NTDB id 1362 HI 1008 AAC22669.1	VTTQAEAQV.....APAVVSDKLNINTATASEIQKSLTGIGAKKAQAEIVQYREKHGNFXNAEQQLLEVQGIGKA	101
NTDB id 1382 A4U84 RS07375 WP 062924234.1	VVMQK.VAA.....TQKVNANVVNINTATASEIQDKLVGIGAKKAQAIVEYREKNGKFLNVEQLTEVSGIGKA	101
consensus	***! !* ** * !** **!*!!!!!! ** !***** ****!	

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NTDB id 105 BSU 25590 NP 390437.1	SFEKIKSSITVK.....	205
NTDB id 36 MW RS08230 WP 001793467.1	TFDKLKSYFTI.....	228
NTDB id 20 SA RS08005 WP 001802022.1	TFDKLKSYFTI.....	228
NTDB id 1127 NGFG RS10560 WP 003703428.1	VLA KL KDQASVGAPAPKGPAPVLPVAVKK	131
NTDB id 1126 NGFG RS09375 WP 003703428.1	VLA KL KDQASVGAPAPKGPAPVLPVAVKK	131
NTDB id 1125 NGFG RS07215 WP 003703428.1	VLA KL KDQASVGAPAPKGPAPVLPVAVKK	131
NTDB id 1108 NGFG RS06525 WP 003703428.1	VLA KL KDQASVGAPAPKGPAPVLPVAVKK	131
NTDB id 1242 Cj0011c YP 002343483.1	LF E KIKNDITIE.....	79
NTDB id 595 KW2 RS08725 WP 021037687.1	TLEK L KDEISID.....	218
NTDB id 521 SMSK321 RS04960 WP 000443804.1	TIEK L KDYVTVD.....	216
NTDB id 493 SM12261 RS04300 WP 000387351.1	TIEK L KDYVTVD.....	216
NTDB id 153 SP RS04730 WP 000387344.1	TIEK L KDYVTVD.....	216
NTDB id 263 KZH43 RS04195 WP 000387330.1	TIEK L KDYVTVD.....	216
NTDB id 222 SPD RS04535 WP 000387330.1	TIEK L KDYVTVD.....	216
NTDB id 188 SPR RS04295 WP 000387330.1	TIEK L KDYVTVD.....	216
NTDB id 300 STER RS07485 WP 011681496.1	TL D KI R ESLYVA.....	231
NTDB id 1069 ABD1 RS03060 WP 043960841.1	IF E K N KSR L AL.....	136
NTDB id 1041 HON27 RS14740 WP 005124713.1	IF E K N KSR L AL.....	136
NTDB id 1272 LPP RS04360 WP 010946546.1	FV D K N REKLKEIFVIN.....	105
NTDB id 1249 GC085 RS04230 WP 010946546.1	FV D K N REKLKEIFVIN.....	105
NTDB id 1159 ABDM36 RS04765 WP 001166105.1	TV R NRN A ARILL.....	103
NTDB id 1150 A1552VC RS08580 WP 001166105.1	TV R NRN A ARILL.....	103
NTDB id 1294 VP RS04495 WP 021449594.1	TI K K N EDRILL.....	94
NTDB id 1395 DSB67 RS04445 WP 010649155.1	TV R K N EDRILL.....	95
NTDB id 1014 ACIAD RS13855 WP 004924483.1	FI E K N RDRI A I.....	128
NTDB id 160098 DW68 RS26075 WP 231118625.1	SLEK N RD K LSVN.....	64
NTDB id 1362 HI 1008 AAC22669.1	TLEK N RDRIIF.....	112
NTDB id 1382 A4U84 RS07375 WP 062924234.1	TLEK N RD C IVIE.....	113
consensus	*** * * *	

- ⓧ

 non conserved
- ✖

 similar
- ⓧ

 ≥50% conserved