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NTDB id 1314 DR RS00625 WP 010886768.1	MTLPSPAAAHAEI LALLTLRFTPGIGPRRIENIRRHFGSAEAAIAAPLTELRRVEGLDSRSVAAIGG.....	67
NTDB id 1037 TT RS09535 WP 011174226.1	.....MDPLALALLPGIGPKRLLEVLKAED.....PLGFLRRERFPEAWRHL.....	41
NTDB id 25 SA RS06185 WP 000593194.1	MIK.....LFLI.KLYW...AHFSTKQIHQFLMAYPNVIKEE.G...RKKDSYLCEWVNREENVLLR...K.YYAF	60
NTDB id 40 MW RS06080 WP 000593192.1	MIK.....LFLI.KLYW...AHFSTKQIHQFLMAYPNVIKEE.G...RKKDSYLCEWVNREENVHLLR...K.YYAF	60
NTDB id 626 LCA RS04960 WP 011374694.1	ML.....TKNQ...LLLKVHLAAGFGTISELRLAA..WLS.....TSHNWALSALEIAQIARLPERYWPTF	56
NTDB id 114 BSU 16110 NP 389493.1	.....MDQAAVCLTICRINQILS...PSLILKWWKADPSMSLTSPVLQTVTRDQIKAAAL.KNEIE...Q.FYPK	62
NTDB id 599 KW2 RS05940 WP 021037268.1	.....MITNFDLFRWKKAG...MTNLGNKLLKFFRKYDRKISL.....RQMGQVAQVKSIPNFIE...Q.YKNQ	58
NTDB id 407 SMU RS04605 WP 002262865.1	.....MDNFQIFKLLKAG...LTNLNLILNIIIDYEERTQKSLSL.....RDMAVVSKNKKPLIFME...H.YKNL	57
NTDB id 525 SMSK321 RS06295 WP 000705298.1	.....MKITNYEIKLKKSG...LTNQQILKVLEYGENVDQELL.....GDIADISGCRNPAVFME...R.YFQI	59
NTDB id 497 SM12261 RS05565 WP 000705318.1	.....MKITNYEIKLKKSG...LTNQQVLAVLEYGENVDQELL.....GDIAEISGCRNPAVFME...R.YFQI	59
NTDB id 267 KZH43 RS05590 WP 000705306.1	.....MKITNYEIKLKKSG...LTNQQILKVLEYGENVDQELL.....GDIADISGCRNPAVFME...R.YFQI	59
NTDB id 226 SPD RS05990 WP 000705306.1	.....MKITNYEIKLKKSG...LTNQQILKVLEYGENVDQELL.....GDIADISGCRNPAVFME...R.YFQI	59
NTDB id 192 SPR RS05715 WP 000705306.1	.....MKITNYEIKLKKSG...LTNQQILKVLEYGENVDQELL.....GDIADISGCRNPAVFME...R.YFQI	59
NTDB id 157 SP RS06205 WP 000705306.1	.....MKITNYEIKLKKSG...LTNQQILKVLEYGENVDQELL.....GDIADISGCRNPAVFME...R.YFQI	59
NTDB id 1361 HI 0985 AAC22646.1	.....MNDITYTLRLMQVPKLGGVGDIDKILSNITLNEL.L.N.....YDDVAFRQMGWGAIQIR...R.WFKP	58
NTDB id 1388 A4U84 RS04945 WP 062924099.1	.....MTHITKLLALLQVPQLGAQRIGRLLSEVDFGEF.C.Q.....YDKTALKQMGWNERQIQ...R.WFNP	57
NTDB id 1073 ABD1 RS00865 WP 015451369.1	MLTQLSSHYYHTIKVWYLVQ...HSLVSFKKIIDYFGNCEKATQP.....DGLAKWSSLGLHANHLK...R.VNEF	64
NTDB id 1043 HON27 RS16615 WP 168727007.1	MLTQLSSHYYHTIKVWYLVQ...HSLVSFKKIIDYFGNCEKATQP.....DGLAKWSSLGLHANHLK...R.VNEF	64
NTDB id 1021 ACIAD RS00975 WP 004930462.1	MITILSSHYYHTIKVWYVLQ...HSLSGFKKLIHYFGDCETALQP.....QRSLSDWQKLGLHANHLK...R.LEEV	64
NTDB id 1094 KZH42 RS01320 WP 002224767.1	.....MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNAL.S.....APAEQVAALIRHKQALE...A.WRNA	60
NTDB id 1089 NMB RS00600 WP 002224767.1	.....MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNAL.S.....APAEQVAALIRHKQALE...A.WRNA	60
NTDB id 1120 NGFG RS10355 WP 020997408.1	.....MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNAL.S.....APAEQVAPAVRHKHALE...A.WRNA	60
NTDB id 1122 OK783 RS09595 WP 003705341.1	.....MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNAL.S.....APAEQVAPAVRHKHALE...A.WRNA	60
NTDB id 1250 GC085 RS13065 WP 027219989.1	.....MNNIQPLLALNRMKRIIGPRTVLKIQK.RWPDNL.L.M.....F...QLSSVDLEEAGLP...S.WLAQ	53
NTDB id 103980 QUE61 RS09465 WP 286306970.1	.....MNDITYTLRLMQVPKLGGVGDIDKILSNITLNEL.L.N.....YDDVAFRQMGWGAIQIR...R.WFKP	0
NTDB id 1152 A1552VC RS00200 WP 000654772.1	.....MKDQDLAAWLALCFTPKLGSKTIHLLATRLPAQL.Q.S.....FTPKQWLACGLKPEQLV...F.LTTQ	59
NTDB id 1399 DSB67 RS15600 WP 010645755.1MTPQNDIDLAAWLKLSCLPGIGGVKMNKLLISKDTPSNI.V.Q.....YSTEQLQLLGLTAKQLQ...A.W.SQ	61
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D I L E E L
 V L T E L N W G L A P A P A V P D L P P E Q A R V L R A L Q . . T P A T . . L D D L A A T T G L
 D V L S Y L G M S A R P K P L P G L S P E E E E A L Y A L L Q . . E K K E A L P E A L A M A L G I
 D I F E D Y Y I
 D I F E D Y Y I
 I L I E E L R Y F D
 D I F E E L P E R N V Q Y T E P F
 D I L E E Y L Y N
 D I L N E F N F
 D V L A E F E F
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 D I L E A I A W Q R Q S V H I Q P . S L . . . F D T K P K Q A V K S E P K F A K N L P E L T A C Q Q L F E Q I S L E P I S V D D L A K A T D M
 Q I I E D L A L P T Q W Q S Q Q Q N Q T E E A N T N T P E I R E H L I D L Y Q S L . . . D W V G Q N I D Q L V V H H N I
 Q I I E D L A L P T Q W Q S Q Q Q N Q T E E T N T N T P E I P E H L I D L Y Q S L . . . D W V G Q N I D Q L V V H H N I
 Q I I E D L A L P T H W H S Q S T A S G E A N A D D S G K T D D A D L P D D L L P L Y Q L L . . . D W Q G Q D L D Q L A Q H Y Q G
 D I L N E C P G L L Q N T G A S S Y S I N K G I P E K R I T A V Q T A S D Q L S L P E G K M P S E K T E N R P V G G S I L D R M G F D P V H P D V L A G Q L A M
 D I L N E C P G L L Q N T G A S S Y S I N K G I P E K R I T A V Q T A S D Q L S L P E G K M P S E K T E N R P V G G S I L D R M G F D P V H P D V L A G Q L A M
 D I L N E C P G L L Q N T G A S S Y S I N K D T P D T G R R T V Q T A Y . . A P P P A A K M P S E G A A G G T A V G G I L D K M G F D P I H P D V L A G Q L A M
 D I L N E C P G L L Q N T G A S S Y S I N K D T P D T G R R A V Q T A Y . . A P P P A A K M P S E G A A G G T A V G G I L D K M G F D P V H P D V L A G Q L A M
 D V L D E L K I E H H Q F T S N K P I F S L A S G K E N L V K F I G F E T T T I D Q I I D R S G Y
 D V L E E L P S I R F H
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 E V L N E I Q S L L D W S I N Q S L D L F S A P I D E E E L P F P Q L L A N V G N E A T P V D I L A S R T N I
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NTDB id 1399 DSB67 RS15600 WP 010645755.1
consensus

PXABLYAQLLELELGLVAMPGGYRIRRT

SIPELQ TALV MLQLQGLAYEV.GGRWSR.... 370
PPERVL SLLT LLELKLARALPGG RYGP G... 334
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SVDVLLVQLLDLELQDLIISENGLYKRV.... 373
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STAELTAQLMELELLGVCIQQSGRYLRCRSPY 383
PAADLYAALLELELDGSVAAMPGGRYQRIRT. 397
PAADLYAALLELELDGSVAAMPGGRYQRIRT. 397
PAADLYAALLELELDGSVAAMPGGRYQRIRT. 395
PAADLYAALLELELDGSVAAMPGGRYQRIRT. 395
GMEQVTSGLAELELKGAVI AVPGGYIRCEYER 361
..... 231
PVQDIMMQLLELELLGHVVAVPGGYIRKGRG. 371
PVQEVMMQLLELELSGHVVAVSGGYIRKGRG. 369

X non conserved
X similar
X ≥ 50% conserved