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NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 1408 DSB67 RS13980 WP 010643500.1
NTDB id 1347 HI 0435 AAC22094.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
NTDB id 312226 D1097 RS01030 WP 005613635.1
NTDB id 1381 A4U84 RS02010 WP 021113424.1
consensus

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..MKNGLKT..YVAQTLTLWVGLALCASSMVFSAESATANQLENIDFRVNKEKAAVLIVELASPSAVVDVQKVQEGLSI	76
MKMRHGLTLTPRKLTGLFSLWFSLLAP...FVAAEEVQSNSLKSIDFRTNKDKDAVIVVELVSPAIVDIKRVQEGLSI	77
.....	0
.....	0
.....	0
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NTDB id 312226 D1097 RS01030 WP 005613635.1
NTDB id 1381 A4U84 RS02010 WP 021113424.1
consensus

ELLKTDVADDKLYLLDVKDFSTIPVESVEVFRKEPSTQLVVTVDGEFQHDYT**LK**GKYLEV**WISK**.**L**KADEK**P**KPKSVLEK**E** 155
 ELLKTDVADDKLYLLDVKDFSTIPVESVEVFRKEPSTQLVVTVDGEFQHDYT**LK**GKYLEV**WISK**.**L**KADEK**P**KPKSVLEK**E** 155
 DLLNTSVKDDQLYLLDVKDFSTTVVESVEVFRDSTTTRLVAYIDEDYSHDYRL**T**GRYLEV**KVKG**.**L**KANEK**A**PDKSILDK**E** 156
MK**KY**FL**KCGY**FLV**CFCLP**LIVFAN**P**.....KT**D** 28
MK**KY**FL**KCGY**FLV**CFCLP**LIVFAN**P**.....KT**D** 28
MR**KM**.....IWL**L**FL**ILT**P.....VMA 17
MR**Y**.....LFL**L**FFAT**F**P.....VLA 16
 * * * * *
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consensus

GKLISINFQDIPVRNVLQLIADYNGFNLVVSDSVVGNLTLRLDGVPWQQVLDITILQVKGLDKRVDGNVILTAPKEELDRLR 235
GKLISINFQDIPVRNVLQLIADYNGFNLVVSDSVVGNLTLRLDGVPWQQVLDITILQVKGLDKRVDGNVILTAPKEELDRLR 235
GKLISINFQDIPVRNVLQLIADYNGFNLVVSDEGNLTLRLDGVPWQQVLDITILQVKGLDKRVDGNVILTAPKDELDR 236
NERFFIRLSQAPLAQTLEQLAFQQDVNLVIGDILENKISLKLNNIDMPRLLIITIAKSKHLTLNKKDDGIYYLNGSQSGKGQ 108
NECFFIRLSQAPLAQTLEQLAFQQDVNLVMGERLEGNISLKLNNIDMPRLLIKIIAKSKHLTLNKKDDGVYYLNGSQSGKGQ 108
.NTFSLSLKNAPTAEILSYLAEETGKNIVLSDNIETNTTLRIENSDFDSLKSITRANKLTSAYEKQIYFICHKKDEKAA 96
NQQTSLSRNAPTAEILSYLAEETGKNITISDEIKDTKNFRVEKSHFDITLNSLIXTHQLNLKENGIIYYIHQAQEHKH 96

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NTDB id 1381 A4U84 RS02010 WP 021113424.1
consensus

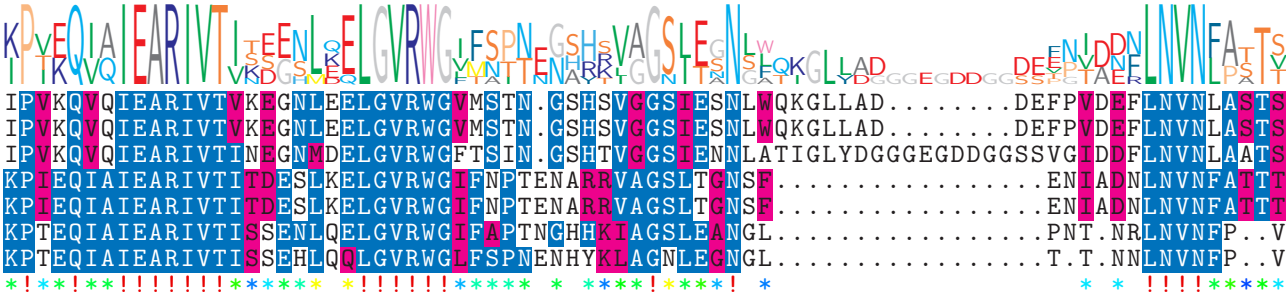
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EKQLEKQKLEKEIGELSSIEIKVINFAKASDIAEMINGENISM LDRGMTIDERTNSLLIRELPDNIEVIREITIESLD 316
VAGNLTL...TNEPHLVSHTVKLHFAKASELMKSLT.TGSGSLLSPAGSITFDDRSNLLVIQDEPRSVQNIXKLI AEMD 182
VAGNLTL...TNEPHLVSHTVKLHFAKASELMKSLT.TGSGSLLSSAGSITFDDRSNLLVIQDEPRFVNIXKLI AEMD 182
TAIGNV...SDLLPKLITKTIKLDYAKAAEVIESLT.KGSGHFLENGYLHFDDRSNLLIIKDSPESMKNI VQLIRNLD 172
TTAQLV...NALPRLITKTIKLHYSKASEVIESLT.KQGNNLSESGYLFHDDRSNSTIVKDSAA SVKNFTGLIESLD 170

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logo

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NTDB id 312226 D1097 RS01030 WP 005613635.1
NTDB id 1381 A4U84 RS02010 WP 021113424.1
consensus



386
386
395
245
245
232
229

logo

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NTDB id 1408 DSB67 RS13980 WP 010643500.1
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consensus



465
465
474
324
324
311
308

logo

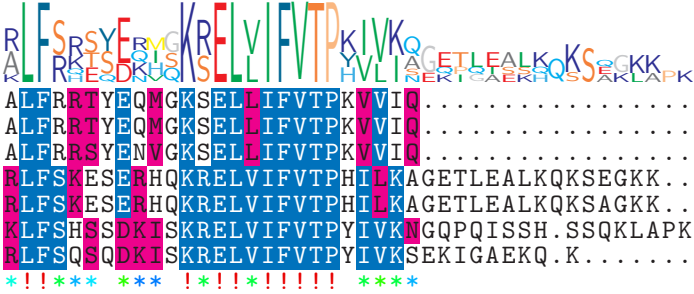
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NTDB id 1381 A4U84 RS02010 WP 021113424.1
consensus



545
545
554
404
404
390
385

logo

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NTDB id 1381 A4U84 RS02010 WP 021113424.1
consensus



571
571
580
445
445
432
420

☒ non conserved
☒ similar
☒ ≥ 50% conserved