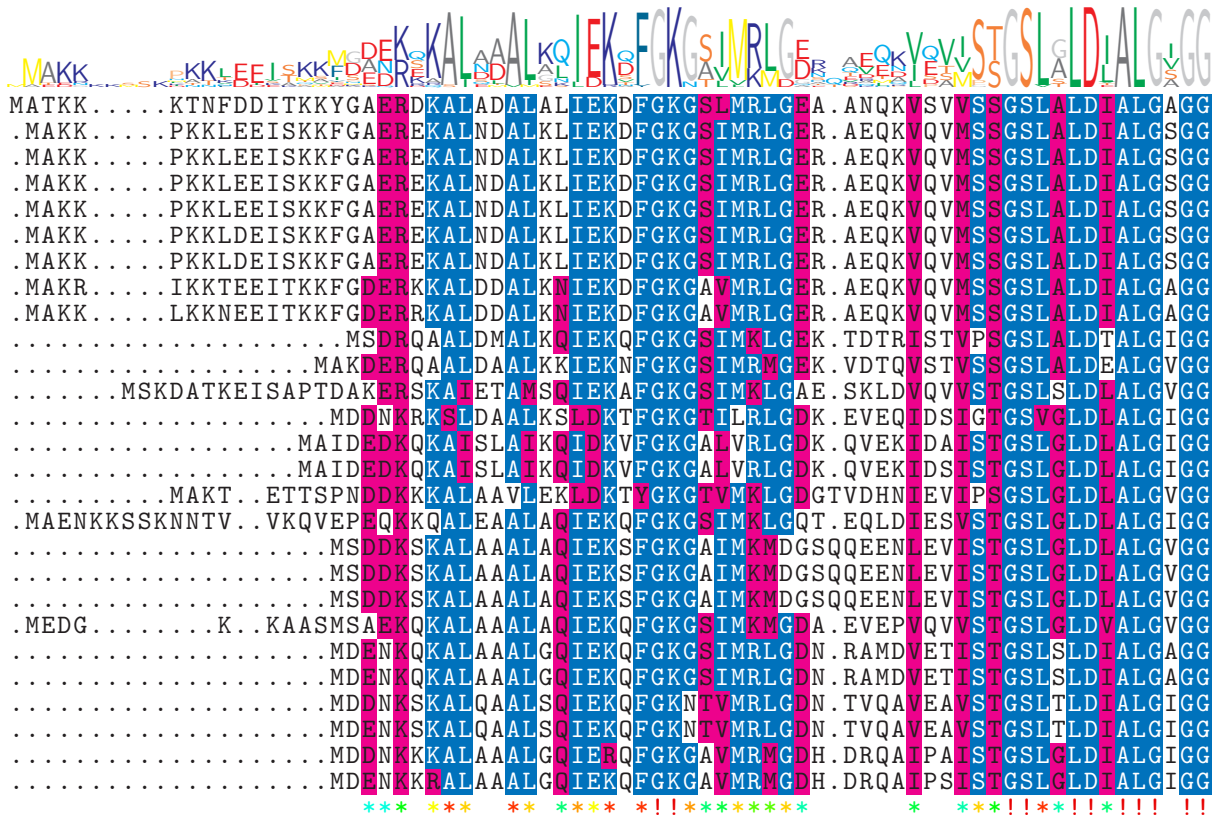


logo

NTDB id 600 KW2 RS01765 WP 011675413.1
 NTDB id 269 KZH43 RS08665 WP 001085462.1
 NTDB id 228 SPD RS09265 WP 001085462.1
 NTDB id 194 SPR RS08825 WP 001085462.1
 NTDB id 159 SP RS09750 WP 001085462.1
 NTDB id 527 SMSK321 RS11065 WP 001085454.1
 NTDB id 499 SM12261 RS08315 WP 078228268.1
 NTDB id 408 SMU RS09530 WP 002262392.1
 NTDB id 453 Spy49 1753c ACI62003.1
 NTDB id 115 BSU 16940 NP 389576.2
 NTDB id 625 LCA RS02525 WP 011374196.1
 NTDB id 1313 DR RS12030 WP 010888966.1
 NTDB id 1245 Cj1673c YP 002345041.1
 NTDB id 1214 NCTC11637 00359 SQJ03206.1
 NTDB id 1211 C694 RS00795 WP 000963128.1
 NTDB id 1334 RAOC RS04870 WP 004918236.1
 NTDB id 1389 A4U84 RS07560 WP 021112712.1
 NTDB id 1130 NGFG RS03960 WP 003688695.1
 NTDB id 1124 NGFG RS03960 WP 003688695.1
 NTDB id 1123 OK783 RS03845 WP 003688695.1
 NTDB id 1427 RS RS02760 WP 011000510.1
 NTDB id 1165 A1552VC RS01565 WP 000344154.1
 NTDB id 1142 GTF74 RS11550 WP 000344154.1
 NTDB id 1022 ACIAD RS06390 WP 004925639.1
 NTDB id 1074 ABD1 RS10195 WP 000344167.1
 NTDB id 70600 PFLUOLIPICF7 RS02395 WP 003189042.1
 NTDB id 1205 PSJM300 05545 AFN77183.1

consensus



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Logo



NTDB id 600 KW2 RS01765 WP 011675413.1	LNTAVEEGITIKKSGAWFAYNDEKIGQGA	EKAKNYLKEHQDV	FDEIDHKVRAAHGL	LDDSEVAETEEETTAS	TKTKA	367
NTDB id 269 KZH43 RS08665 WP 001085462.1	LKTIASDLDIKKAGAWYSYKDEKIGQGS	ENAKKYLAEHP	EIFDEIDKQVRSK	FGLIDGEEVSEQD	TENKKDE...	363
NTDB id 228 SPD RS09265 WP 001085462.1	LKTIASDLDIKKAGAWYSYKDEKIGQGS	ENAKKYLAEHP	EIFDEIDKQVRSK	FGLIDGEEVSEQD	TENKKDE...	363
NTDB id 194 SPR RS08825 WP 001085462.1	LKTIASDLDIKKAGAWYSYKDEKIGQGS	ENAKKYLAEHP	EIFDEIDKQVRSK	FGLIDGEEVSEQD	TENKKDE...	363
NTDB id 159 SP RS09750 WP 001085462.1	LKTIASDLDIKKAGAWYSYKDEKIGQGS	ENAKKYLAEHP	EIFDEIDKQVRSK	FGLIDGEEVSEQD	TENKKDE...	363
NTDB id 527 SMSK321 RS11065 WP 001085454.1	LKTIASDLDIKKAGAWYSYKDEKIGQGS	ENAKKYLADNPE	VFAEIDHQVVRV	QFGLIDGEEAAE...	SKKDE...	359
NTDB id 499 SM12261 RS08315 WP 078228268.1	LKTIASDLDIKKAGAWYSYKDEKIGQGS	ENAKKYLADNPE	IFDEIDHQVVRV	QFGLIDGEEIAE...	SKKDE...	359
NTDB id 408 SMU RS09530 WP 002262392.1	VKTIASDLGIQKAGAWYSYNGEKIGQGS	ENAKKFLADNP	EIFDDIDHKVVRV	QYGLIEEDNTEEK	QSSKEK....	361
NTDB id 453 Spy49 1753c ACI62003.1	VKTIASDLDIQKAGAWFSYNGEKIGQGS	ENAKRYLADHP	QLFDEIDRKVVRV	KFGLLEESEES	SAMAVASE....	361
NTDB id 115 BSU 16940 NP 389576.2	IDLGTELDIVQKSGSWSYEEERLGG	RENAKQFLKEN	KDMLMIQEQ	IREHYGLDNN	GVVQQQAEETQEEL.EF	346
NTDB id 625 LCA RS02525 WP 011374196.1	VDMAVEKDIINKSGSWSYGSERIG	QGGRENAKNYL	ADHEDVEDEV	RLKVRVRAAY	GLSDVPEEDLPTTEDE.QI.NI	347
NTDB id 1313 DR RS12030 WP 010888966.1	VGLAADMDIINKAGSFYSYGDERI	GQGKEKTIAYT	AERP	PEMEQEIRDR	VMAAIRAGNAGEAPALAPAPAAP	E.AA 361
NTDB id 1245 Cj1673c YP 002345041.1	IDYGVKLDIVDKSGAWFSYKDKKL	GQGRENSKAF	LKENPEIA	DEITKAIQNS	MTIEGMISGSEDDE...GE.E.	343
NTDB id 1214 NCTC11637 00359 SQJ03206.1	IDYGVKLDIVDKSGAWLSYQDKKL	GQGRENAKALL	KEDKALADE	ITLKIKES	IGSNEEIMPLPDEP...LE.EM	346
NTDB id 1211 C694 RS00795 WP 000963128.1	IDYGVKLDIVDKSGAWLSYQDKKL	GQGRENAKALL	KEDKALADE	ITLKIKES	IGSNEEIMPLPDEP...LE.EM	346
NTDB id 1334 RAOC RS04870 WP 004918236.1	LDVATDLDIQKSGSWFSYQDTKL	GQGRD	TVKELIKDN	PELAELEAKI	REKLQAK.....	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	LILAEANGFIKKSGAWFSYDGT	KIGQGNNA	VKWLKEN	PEIADKLE	QEIRNTLASNPNSVLKATASDSNDES.DV	364
NTDB id 1130 NGFG RS03960 WP 003688695.1	IDIGVKNDIINKSGAWYSYNGAK	IQQGKDNVR	VWLKEN	PEISDE	IDAKIRALNGVEMHITEGTQDET..DGE.R.	345
NTDB id 1124 NGFG RS03960 WP 003688695.1	IDIGVKNDIINKSGAWYSYNGAK	IQQGKDNVR	VWLKEN	PEISDE	IDAKIRALNGVEMHITEGTQDET..DGE.R.	345
NTDB id 1123 OK783 RS03845 WP 003688695.1	IDIGVKNDIINKSGAWYSYNGAK	IQQGKDNVR	VWLKEN	PEISDE	IDAKIRALNGVEMHITEGTQDET..DGE.R.	345
NTDB id 1427 RS RS02760 WP 011000510.1	IDLGVEAKVVEKSGAWYSYNGER	IQQGRD	NCREFL	RENAELARE	EINKVREHLGVT	TPMG.AVTLAAE..VEE.D. 352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	IDLGVKHKMVEKSGAWYSYNGDK	IQQGKANACK	YLKEN	PEIAKTLD	KKLREMLLNPNENMQLIAETSS..AAD.DV	345
NTDB id 1142 GTF74 RS11550 WP 000344154.1	IDLGVKHKMVEKSGAWYSYNGDK	IQQGKANACK	YLKEN	PEIAKTLD	KKLREMLLNPNENMQLIAETSS..AAD.DV	345
NTDB id 1022 ACIAD RS06390 WP 004925639.1	VDLAVQQNIVQKAGAWYSYQGN	KIGQGN	NVIRYLEEN	PQISTE	EIAVIREQLLTKASDQTAHDET.....	340
NTDB id 1074 ABD1 RS10195 WP 000344167.1	VDLAVQQDIVQKAGAWYSYQGN	KIGQGN	NVIRYFEEN	NQIA	EEIERNIREQLLTTGTNGAVQI.ED.....	339
NTDB id 70600 PFLUOLIPICF7 RS02395 WP 003189042.1	IDLGVLHGFVEKSGAWYAYNGS	KIGQGAN	SAKFLADNP	DAATLE	KQIRDKLLTAAPDVKAAANRE..PVE.EV	345
NTDB id 1205 PSJM300 05545 AFN77183.1	IDLGVQQGLVEKSGAWYAYKGS	KIGQGAN	AAKYLEEN	PEIGQE	IEQQIRAKLLVTSANTKATPVAE..DLA.D.	344
consensus	* ** *** ! !****!	**!!!*****	** *****	*****	** *	*

logo

NTDB id 600 KW2 RS01765 WP 011675413.1
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 NTDB id 1214 NCTC11637 00359 SQJ03206.1
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 NTDB id 70600 PFLUOLIPICF7 RS02395 WP 003189042.1
 NTDB id 1205 PSJM300 05545 AFN77183.1
 consensus

KAKKEEKAVETEEIELELED..... 387
 .PKKEEA..VNEEVPLDLGDELEIEIEE 388
 .PKKEEA..VNEEVPLDLGDELEIEIEE 388
 .PKKEEA..VNEEVPLDLGDELEIEIEE 388
 .PKKEEA..VNEEVPLDLGDELEIEIEE 388
 .VAQVDS..VNEEVTLDLGDELEIEIEE 384
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EFG.AVPEEF..... 354
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EE..EPDLL.LES..... 349
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[X] non conserved
 [X] similar
 [X] ≥ 50% conserved