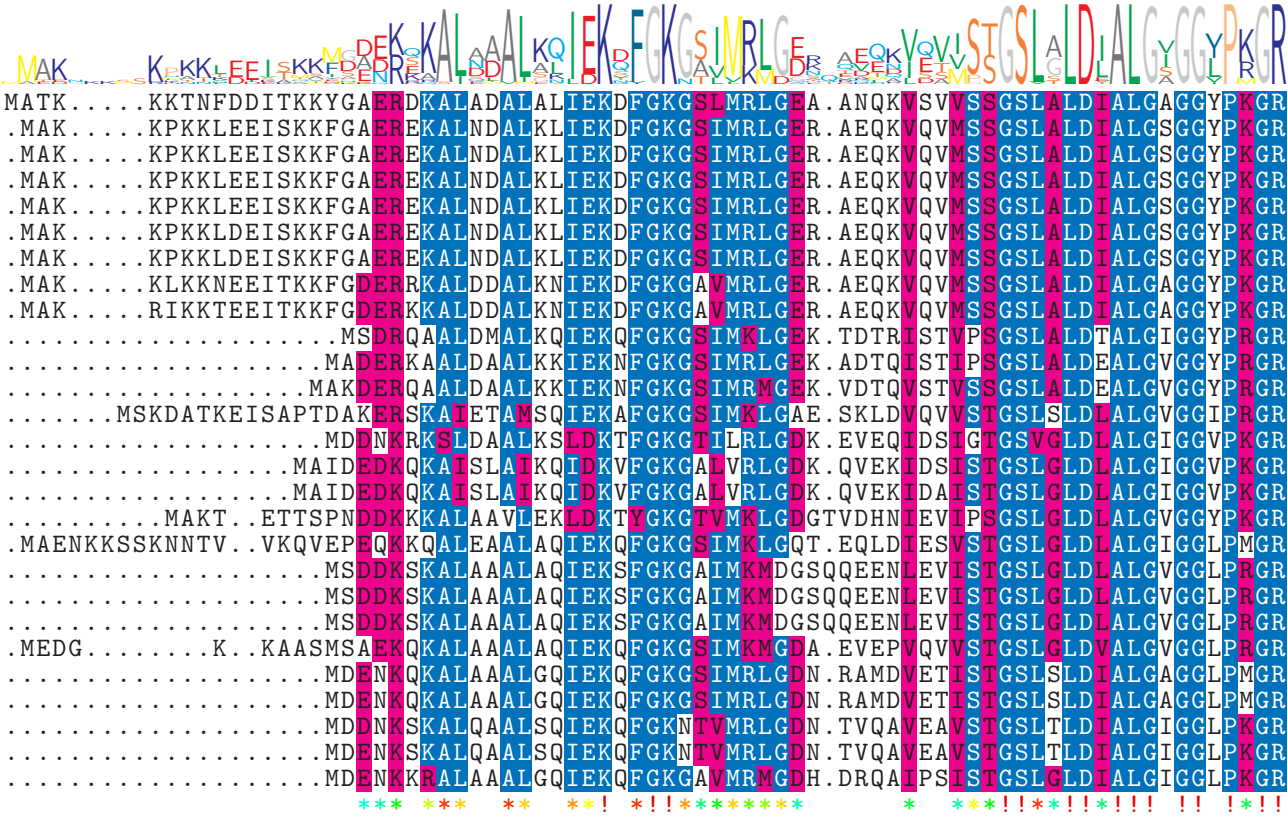


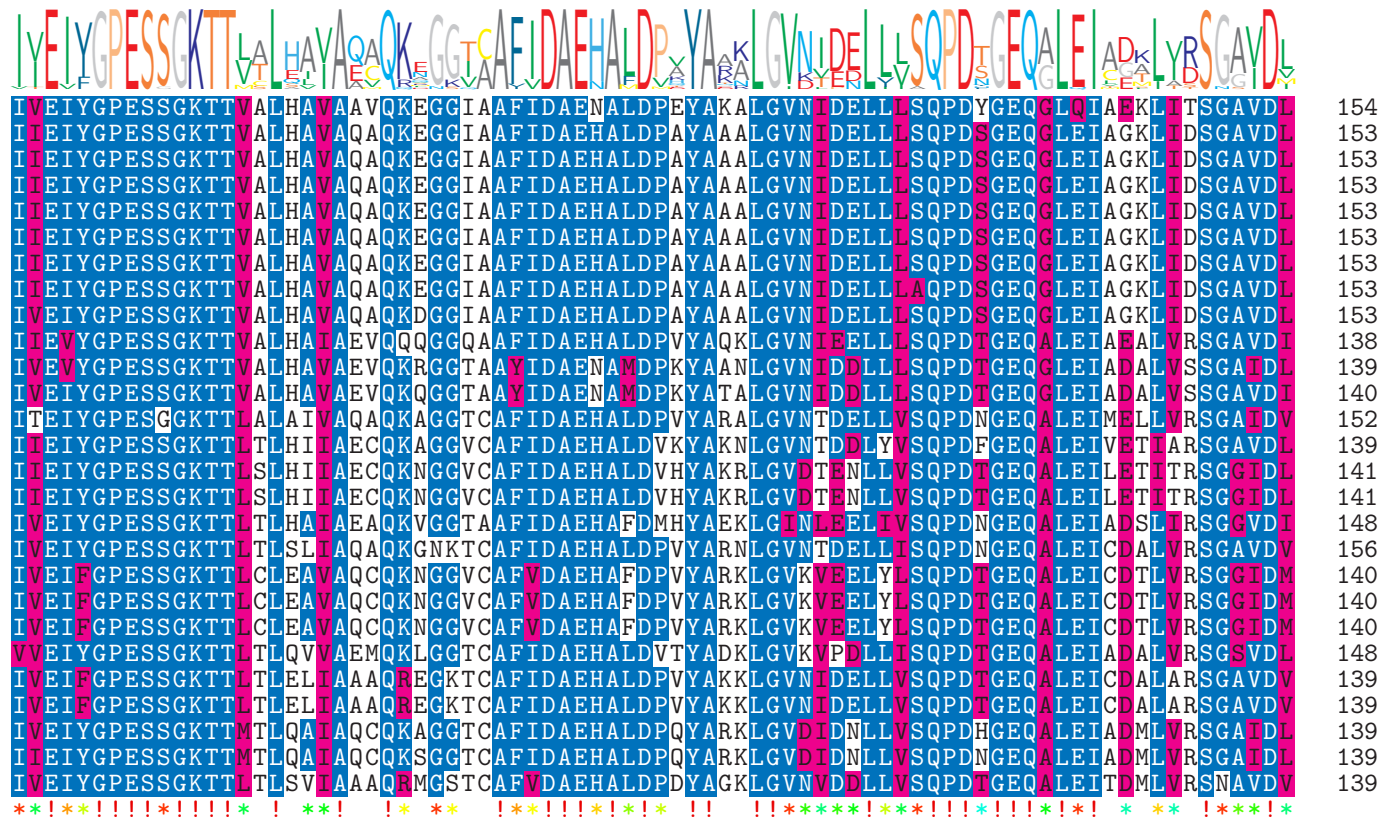
logo

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 453 Spy49 1753c ACI62003.1
NTDB id 408 SMU RS09530 WP 002262392.1
NTDB id 115 BSU 16940 NP 389576.2
NTDB id 175000 AYR54 RS06505 WP 068225330.1
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 1211 C694 RS00795 WP 000963128.1
NTDB id 1214 NCTC11637 00359 SQJ03206.1
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 1205 PSJM300 05545 AFN77183.1
consensus

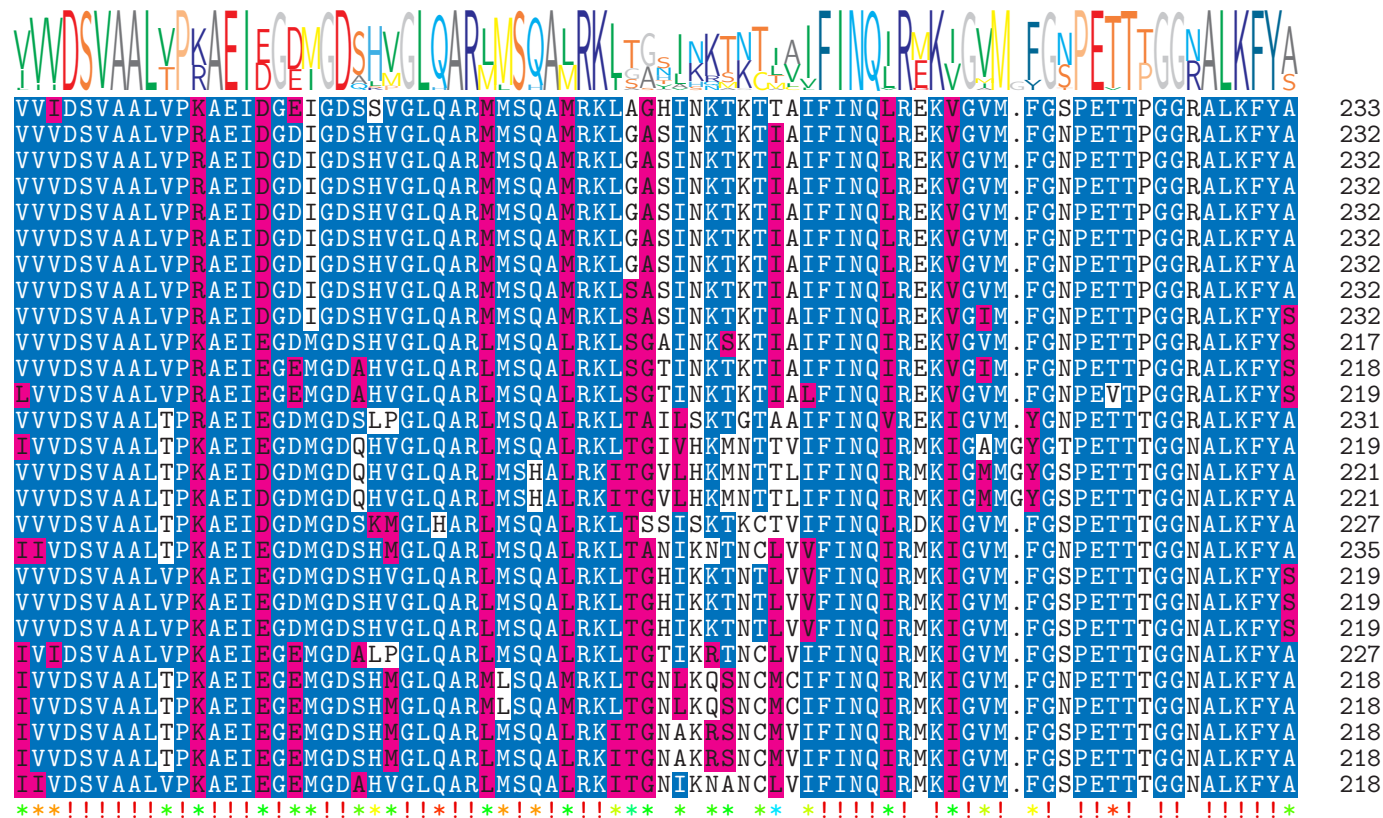


74
73
73
73
73
73
73
73
73
73
58
59
60
72
59
61
61
68
76
60
60
60
68
59
59
59
59
59

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 453 Spy49 1753c ACI62003.1
NTDB id 408 SMU RS09530 WP 002262392.1
NTDB id 115 BSU 16940 NP 389576.2
NTDB id 175000 AYR54 RS06505 WP 068225330.1
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 1211 C694 RS00795 WP 000963128.1
NTDB id 1214 NCTC11637 00359 SQJ03206.1
NTDB id 1334 RA0C 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 1205 PSJM300 05545 AFN77183.1
consensus



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 453 Spy49 1753c ACI62003.1
NTDB id 408 SMU RS09530 WP 002262392.1
NTDB id 115 BSU 16940 NP 389576.2
NTDB id 175000 AYR54 RS06505 WP 068225330.1
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 1211 C694 RS00795 WP 000963128.1
NTDB id 1214 NCTC11637 00359 SQJ03206.1
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 1205 PSJM300 05545 AFN77183.1
consensus



logo

NTDB id 600 KW2 RS01765 WP 011675413.1	SVRLDVRG	STKIEEGS	.GDNKTQ	IGKITK	IKVVKNKVAPPF	KVALVD	DIMF	GEGIS	STGEL	INIAVE	EETIKK	SGAWFAYN	312																				
NTDB id 269 KZH43 RS08665 WP 001085462.1	SVRLDVRG	NTQIKGTG	.DQKETN	VGKETK	IKVVKNKVAPPF	KEAVVE	EIMY	GEGISK	TGELL	KIASDL	DI	IKKAGAWYSYK	311																				
NTDB id 228 SPD RS09265 WP 001085462.1	SVRLDVRG	NTQIKGTG	.DQKETN	VGKETK	IKVVKNKVAPPF	KEAVVE	EIMY	GEGISK	TGELL	KIASDL	DI	IKKAGAWYSYK	311																				
NTDB id 194 SPR RS08825 WP 001085462.1	SVRLDVRG	NTQIKGTG	.DQKETN	VGKETK	IKVVKNKVAPPF	KEAVVE	EIMY	GEGISK	TGELL	KIASDL	DI	IKKAGAWYSYK	311																				
NTDB id 159 SP RS09750 WP 001085462.1	SVRLDVRG	NTQIKGTG	.DQKETN	VGKETK	IKVVKNKVAPPF	KEAVVE	EIMY	GEGISK	TGELL	KIASDL	DI	IKKAGAWYSYK	311																				
NTDB id 527 SMSK321 RS11065 WP 001085454.1	SVRLDVRG	STQIKGTG	.DQKDTN	VGKETK	IKVVKNKVAPPF	KEAFVE	EIMY	GEGISK	TGELL	KIASDL	DI	IKKAGAWYSYK	311																				
NTDB id 499 SM12261 RS08315 WP 078228268.1	SVRLDVRG	STQIKGTG	.DQKDTN	VGKETK	IKVVKNKVAPPF	KEAFVE	EIMY	GEGISK	TGELL	KIASDL	DI	IKKAGAWYSYK	311																				
NTDB id 453 Spy49 1753c ACI62003.1	SVRLDVRG	TQTQIKGTG	.DQKDS	IGKETK	IKVVKNKVAPPF	KVAEVE	EIMY	GEGISRT	GELV	KIASDL	DI	IKKAGAWFSYN	311																				
NTDB id 408 SMU RS09530 WP 002262392.1	SVRLDVRG	NTQIKGTG	.EQKDSN	IGKETK	IKVVKNKVAPPF	KEAFVE	EIIY	GEGISRT	GELV	KIASDL	GI	IKKAGAWYSYN	311																				
NTDB id 115 BSU 16940 NP 389576.2	SVRLEVRRA	EAQLKQGN	.D...V	MGNKTK	IKVVKNKVAPPF	RTAEVD	EIMY	GEGISKE	GEI	IDL	GT	ELDIVQKSGSWYSYE	292																				
NTDB id 175000 AYR54 RS06505 WP 068225330.1	TIRLEVRRA	EAIKNGT	.D...I	IGNRVK	IKVVKNKVAPPF	KVALVD	DIMY	GEGISQT	GELVD	MAVEK	DIV	DKSGSWYSYG	293																				
NTDB id 625 LCA RS02525 WP 011374196.1	TVRLEVRRA	EAIKNGT	.D...M	IGNRA	RIKVVKNKVAPPF	KVAEVD	DIMY	GGISRT	GELVD	MAVEK	DI	INKSGSWYSYG	294																				
NTDB id 1313 DR RS12030 WP 010888966.1	SVRLDVRK	IGQ...PTK	VGNDA	VANTVK	KIKTVKNKVA	APFKE	VELA	L	VY	GKGF	DQLSD	LV	G	LAADMDI	IKKAGSFYSYG	307																	
NTDB id 1245 Cj1673c YP 002345041.1	SVRLDVRK	VAT...L	KQNEEP	IGNRVK	VKVVKNKVAPPF	RQAEF	D	V	M	F	GEGL	S	REGE	LIDYGV	KLDIVDKSGAWFSYK	294																	
NTDB id 1211 C694 RS00795 WP 000963128.1	SVRIDIR	RIAS...L	KQNEQH	IGNRAK	AKVVKNKVAPPF	REAEF	D	IM	F	GEGISKE	GEI	IDYGV	KLDIVDKSGAWLSYQ	296																			
NTDB id 1214 NCTC11637 00359 SQJ03206.1	SVRIDIR	RIAA...L	KQNEQH	IGNRAK	AKVVKNKVAPPF	REAEF	D	IM	F	GEGISKE	GEI	IDYGV	KLDIVDKSGAWLSYQ	296																			
NTDB id 1334 RAOC RS04870 WP 004918236.1	SVRIDIR	RSLS	DTGKIKDKSGEV	IGNRTK	VKVVKNKVAPPF	KS	AEF	D	IM	Y	GEGV	SKV	GE	ILDVAT	DLDI	IKKSGSWFSYQ	307																
NTDB id 1389 A4U84 RS07560 WP 021112712.1	SVRLDIR	RCGV...V	KDGEI	IGSETK	VKVVKNKVAPPF	REV	QF	D	IM	Y	GEGIS	RM	NELL	ILAE	ANGFI	IKKSGAWFSYD	310																
NTDB id 1130 NGFG RS03960 WP 003688695.1	SVRLDIR	RTGS...I	KKGEV	LGNETR	VKVI	KNKVAPPF	RQAEF	D	ILY	G	EGISW	E	GEL	ID	IGV	KNDI	INKSGAWYSYN	294															
NTDB id 1124 NGFG RS03960 WP 003688695.1	SVRLDIR	RTGS...I	KKGEV	LGNETR	VKVI	KNKVAPPF	RQAEF	D	ILY	G	EGISW	E	GEL	ID	IGV	KNDI	INKSGAWYSYN	294															
NTDB id 1123 OK783 RS03845 WP 003688695.1	SVRLDIR	RTGS...I	KKGEV	LGNETR	VKVI	KNKVAPPF	RQAEF	D	ILY	G	EGISW	E	GEL	ID	IGV	KNDI	INKSGAWYSYN	294															
NTDB id 1427 RS RS02760 WP 011000510.1	SVRLDIR	RIGS...I	KKGDEV	VGNETK	VKVVKNKVAPPF	REAI	F	D	ILY	GAG	V	S	REGE	I	IDL	G	VEAKVVEKSGAWYSYN	302															
NTDB id 1165 A1552VC RS01565 WP 000344154.1	SVRLDIR	RTGA...I	KEGEV	VGNETRI	KVVKNK	IA	APFKE	ANTQ	IMY	GGFN	REGEL	ID	L	G	V	KHKM	VVEKSGAWYSYN	293															
NTDB id 1142 GTF74 RS11550 WP 000344154.1	SVRLDIR	RTGA...I	KEGEV	VGNETRI	KVVKNK	IA	APFKE	ANTQ	IMY	GGFN	REGEL	ID	L	G	V	KHKM	VVEKSGAWYSYN	293															
NTDB id 1022 ACIAD RS06390 WP 004925639.1	SVRLDIR	RIGQ...V	KEGDEI	IGSETK	VKVVKNKM	MAPPF	REAI	FQ	ILY	GKGV	N	QL	G	ELVD	LAV	QQNIV	QKAGAWYSYQ	293															
NTDB id 1074 ABD1 RS10195 WP 000344167.1	SVRLDIR	RIGQ...V	KEGDEI	IGSETK	VKVVKNKM	MAPPF	KEAI	FQ	ILY	GKGT	N	QL	G	ELVD	LAV	QQDIV	QKAGAWYSYQ	293															
NTDB id 1205 PSJM300 05545 AFN77183.1	SVRLDIR	RTGA...V	KEGDEV	VGS	ETRV	KVVKNKVAPPF	RQAEF	Q	ILY	GKGI	Y	R	N	G	E	I	DL	G	V	Q	GL	L	V	E	K	S	G	A	W	A	Y	K	293
consensus	**!* **!* *																												*** ! !*** !				

```

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 453 Spy49 1753c ACI62003.1
NTDB id 408 SMU RS09530 WP 002262392.1
NTDB id 115 BSU 16940 NP 389576.2
NTDB id 175000 AYR54 RS06505 WP 068225330.1
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 1211 C694 RS00795 WP 000963128.1
NTDB id 1214 NCTC11637 00359 SQJ03206.1
NTDB id 1334 RA0C 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 1205 PSJM300 05545 AFN77183.1
consensus

```

Sequence	Score
DEKIGGGA ¹ E ² KA ³ KN ⁴ YL ⁵ KE ⁶ N ⁷ PE ⁸ IF ⁹ DE ¹⁰ ID ¹¹ HK ¹² VR ¹³ AA ¹⁴ HC ¹⁵ LDDSEVAETEETTASKTKA..KAKK ¹⁶ E ¹⁷ KA ¹⁸ VETEEIELEL.....	385
DEKIGGGS ¹ EN ² AK ³ KYL ⁴ AE ⁵ HP ⁶ EIF ⁷ DE ⁸ ID ⁹ DK ¹⁰ VR ¹¹ SK ¹² FC ¹³ LIDGEEVSEQD ¹⁴ TENKKDE.....PKK ¹⁵ E ¹⁶ EA ¹⁷ .VNEEVPLDL.....	378
DEKIGGGS ¹ EN ² AK ³ KYL ⁴ AE ⁵ HP ⁶ EIF ⁷ DE ⁸ ID ⁹ DK ¹⁰ VR ¹¹ SK ¹² FC ¹³ LIDGEEVSEQD ¹⁴ TENKKDE.....PKK ¹⁵ E ¹⁶ EA ¹⁷ .VNEEVPLDL.....	378
DEKIGGGS ¹ EN ² AK ³ KYL ⁴ AE ⁵ HP ⁶ EIF ⁷ DE ⁸ ID ⁹ DK ¹⁰ VR ¹¹ SK ¹² FC ¹³ LIDGEEVSEQD ¹⁴ TENKKDE.....PKK ¹⁵ E ¹⁶ EA ¹⁷ .VNEEVPLDL.....	378
DEKIGGGS ¹ EN ² AK ³ KYL ⁴ AD ⁵ N ⁶ PE ⁷ VFA ⁸ EID ⁹ HQ ¹⁰ VR ¹¹ VQ ¹² FC ¹³ LIDGEEAAE....SKKDE.....VAQVDS..VNEEVTLDL.....	374
DEKIGGGS ¹ EN ² AK ³ KYL ⁴ AD ⁵ N ⁶ PE ⁷ IF ⁸ DE ⁹ ID ¹⁰ HQ ¹¹ VR ¹² VQ ¹³ FC ¹⁴ LIDGEEIAE....SKKDE.....AAQVDS..VNEEVTLDL.....	374
GEKIGGGS ¹ EN ² AK ³ RYL ⁴ AD ⁵ HP ⁶ Q ⁷ IF ⁸ DE ⁹ ID ¹⁰ RK ¹¹ VR ¹² VK ¹³ FC ¹⁴ LEESEESAMAVASE.....E.....TDDLALDL.....	370
GEKIGGGS ¹ EN ² AK ³ KFL ⁴ AD ⁵ N ⁶ PE ⁷ IF ⁸ DD ⁹ ID ¹⁰ HK ¹¹ VR ¹² VQ ¹³ Y ¹⁴ CLIEEDNTEEKQSSKEK.....ET ¹⁵ DEK..ADKNLVLEL.....	375
EE ¹ RL ² LG ³ GG ⁴ RE ⁵ NA ⁶ KQ ⁷ FL ⁸ KE ⁹ NK ¹⁰ DI ¹¹ ML ¹² MI ¹³ QE ¹⁴ QIRE ¹⁵ HY ¹⁶ CLDNNGVVQQQA ¹⁷ EET ¹⁸ QEELEF.....EE.....	348
EDRIGGG ¹ RE ² NA ³ KHYL ⁴ SD ⁵ HP ⁶ EV ⁷ MA ⁸ EIK ⁹ QK ¹⁰ VR ¹¹ REAY ¹² CI ¹³ AEASETP ¹⁴ TETKADAKATKATKAKNKV ¹⁵ ESSANAKSEAKTDASVKAK	373
SERIGGG ¹ RE ² NA ³ KHYL ⁴ SD ⁵ HED ⁶ VED ⁷ VR ⁸ LK ⁹ VR ¹⁰ AA ¹¹ Y ¹² CI ¹³ SDVPEEDLPTTEDEQINILPDDST..EE.....	355
DERIGGG ¹ E ² KTI ³ AY ⁴ IA ⁵ ER ⁶ PE ⁷ ME ⁸ Q ⁹ Y ¹⁰ IR ¹¹ DR ¹² VM ¹³ AA ¹⁴ IRAGNAGEAPALAPAPAAPEAAE....A.....	363
DKKL ¹ GG ² GRE ³ NS ⁴ KAF ⁵ L ⁶ KE ⁷ NPE ⁸ IA ⁹ DE ¹⁰ IT ¹¹ KAI ¹² QNSM ¹³ CI ¹⁴ EGMI....SGSEDD..EGE....E.....	343
DKKL ¹ GG ² GRE ³ NA ⁴ KAL ⁵ L ⁶ KE ⁷ DKALADE ⁸ IT ⁹ LK ¹⁰ IKES ¹¹ GSNEEI....MPLPDE..PLE....EME.....	347
DKKL ¹ GG ² GRE ³ NA ⁴ KAL ⁵ L ⁶ KE ⁷ DKALADE ⁸ IT ⁹ LK ¹⁰ IKES ¹¹ GSNEEI....MPLPDE..PLE....EME.....	347
DTKL ¹ GG ² RD ³ TV ⁴ KE ⁵ L ⁶ IK ⁷ DN ⁸ PE ⁹ LAE ¹⁰ LE ¹¹ AK ¹² IREKLQAK.....	343
GTKIGGK ¹ NN ² AV ³ W ⁴ L ⁵ KE ⁶ NPE ⁷ IA ⁸ DK ⁹ L ¹⁰ QE ¹¹ Y ¹² IR ¹³ N ¹⁴ TLASNPNS.....VLKATASDSND...ES ¹⁵ D ¹⁶ VEEFSEEEEL.....	372
GAKIGGQ ¹ KD ² NVR ³ VW ⁴ L ⁵ KE ⁶ NPE ⁷ IS ⁸ DE ⁹ IDA ¹⁰ KI ¹¹ RALN ¹² GVEMHI....TEGTQDET ¹³ DGE....R.....PEE.....	348
GAKIGGQ ¹ KD ² NVR ³ VW ⁴ L ⁵ KE ⁶ NPE ⁷ IS ⁸ DE ⁹ IDA ¹⁰ KI ¹¹ RALN ¹² GVEMHI....TEGTQDET ¹³ DGE....R.....PEE.....	348
GAKIGGQ ¹ KD ² NVR ³ VW ⁴ L ⁵ KE ⁶ NPE ⁷ IS ⁸ DE ⁹ IDA ¹⁰ KI ¹¹ RALN ¹² GVEMHI....TEGTQDET ¹³ DGE....R.....PEE.....	348
GERIGG ¹ GR ² DN ³ CREF ⁴ LR ⁵ NA ⁶ EL ⁷ LARE ⁸ IE ⁹ NK ¹⁰ VR ¹¹ REHL ¹² CVTPMG....AVTLA.EEEVEE....D.....	352
GDKIGGK ¹ AN ² ACK ³ YL ⁴ KE ⁵ NPE ⁶ IA ⁷ AK ⁸ TL ⁹ DK ¹⁰ KL ¹¹ REMLLN ¹² PNEM....QLIAETSSAAD...DVE ¹³ FGAVPEEF.....	354
GDKIGGK ¹ AN ² ACK ³ YL ⁴ KE ⁵ NPE ⁶ IA ⁷ AK ⁸ TL ⁹ DK ¹⁰ KL ¹¹ REMLLN ¹² PNEM....QLIAETSSAAD...DVE ¹³ FGAVPEEF.....	354
GNKIGGK ¹ NN ² VIR ³ Y ⁴ LE ⁵ EN ⁶ PQ ⁷ ISTE ⁸ IE ⁹ AV ¹⁰ IREQLLTKASD....QTAA.HDETEE....EP ¹¹ OLL..ES.....	349
GNKIGGK ¹ NN ² VIR ³ Y ⁴ FE ⁵ EN ⁶ NQ ⁷ IA ⁸ EI ⁹ ERN ¹⁰ IREQLLTGTN....GAVQ.I.EDEE....EP ¹¹ OLL..LES.....	349
GSKIGGK ¹ ANA ² AK ³ YL ⁴ EN ⁵ PE ⁶ IQ ⁷ EIE ⁸ QQ ⁹ IR ¹⁰ AKLL ¹¹ Y ¹² TSAN....TKATPVAEDLA...DADI.....	347

logo

NTDB id 600 KW2 RS01765 WP 011675413.1	ED.....	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	GDELEIEIEE	388
NTDB id 228 SPD RS09265 WP 001085462.1	GDELEIEIEE	388
NTDB id 194 SPR RS08825 WP 001085462.1	GDELEIEIEE	388
NTDB id 159 SP RS09750 WP 001085462.1	GDELEIEIEE	388
NTDB id 527 SMSK321 RS11065 WP 001085454.1	GDELEIEIEE	384
NTDB id 499 SM12261 RS08315 WP 078228268.1	GDELEIEIEE	384
NTDB id 453 Spy49 1753c ACI62003.1	DNGIEIED..	378
NTDB id 408 SMU RS09530 WP 002262392.1	DDTIELED..	383
NTDB id 115 BSU 16940 NP 389576.2	.....	348
NTDB id 175000 AYR54 RS06505 WP 068225330.1	INAKTSDTKDPSQLDI..	389
NTDB id 625 LCA RS02525 WP 011374196.1	.....	355
NTDB id 1313 DR RS12030 WP 010888966.1	.....	363
NTDB id 1245 Cj1673c YP 002345041.1	.....	343
NTDB id 1211 C694 RS00795 WP 000963128.1	.....	347
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	.....	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.....	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	.....	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	.....	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	.....	348
NTDB id 1427 RS RS02760 WP 011000510.1	.....	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.....	354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....	349
NTDB id 1205 PSJM300 05545 AFN77183.1	.....	347
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved