

logo

NTDB id 1313 DR RS12030 WP 010888966.1	.MSKDA...TKEISAPTDAK	ERSKAL	TETAMS	QIEKA	FGKGS	IMKL	GAE	.SKLDV	QVV	STGS	SLD	LALGV	GGIP	PRGRIT	74	
NTDB id 600 KW2 RS01765 WP 011675413.1	MATKKKT...NFDDITKKYGA	ERDKAL	ADALAL	IEKD	FGKGS	IMRL	GEEA	.ANQKV	SVV	VSSGS	LALD	LALG	AGGY	PKGRIV	76	
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKKPK...KLEEISKKFGA	EREKAL	NDALKL	IEKD	FGKGS	IMRL	GER	.AEQKV	QVM	MSSGS	LALD	LALGS	GGYP	PKGRIV	75	
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NTDB id 194 SPR RS08825 WP 001085462.1	.MAKKPK...KLEEISKKFGA	EREKAL	NDALKL	IEKD	FGKGS	IMRL	GER	.AEQKV	QVM	MSSGS	LALD	LALGS	GGYP	PKGRIV	75	
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NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKKPK...KLDEISKKFGA	EREKAL	NDALKL	IEKD	FGKGS	IMRL	GER	.AEQKV	QVM	MSSGS	LALD	LALGS	GGYP	PKGRIV	75	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKKPK...KLDEISKKFGA	EREKAL	NDALKL	IEKD	FGKGS	IMRL	GER	.AEQKV	QVM	MSSGS	LALD	LALGS	GGYP	PKGRIV	75	
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKRIK...KTEEITKKFGD	ERKKAL	DDALKN	IEKD	FGKGA	VML	GER	.AEQKV	QVM	MSSGS	LALD	LALGA	AGGY	PKGRIV	75	
NTDB id 453 Spy49 1753c ACI62003.1	.MAKKLK...KNEEITKKFGD	ERRKAL	DDALKN	IEKD	FGKGA	VML	GER	.AEQKV	QVM	MSSGS	LALD	LALGA	AGGY	PKGRIV	75	
NTDB id 115 BSU 16940 NP 389576.2	MSDRQA	ALD	MALKQ	IEKQ	FGKGS	IMKL	GK	.TDTRI	IST	VPSGS	LALD	TALGI	GGY	PRGRIV	60	
NTDB id 625 LCA RS02525 WP 011374196.1	MAKD	ERQAAL	DAALKK	IEKN	FSGKGS	IMRM	GK	.VDTQV	STV	VSSGS	LALD	EALGV	GGY	PRGRIV	62	
NTDB id 1245 Cj1673c YP 002345041.1	MDDNK	KRKSL	DAALKS	LDKT	FGKGT	ILRL	GDK	.EVEQ	IDS	IGTGS	VGLD	LALGI	GGV	PKGRIV	61	
NTDB id 1211 C694 RS00795 WP 000963128.1	MAIDE	DKQKAT	SLATIK	QIDKV	FGKGAL	VRL	GDK	.QVEK	IDS	ISTGS	LGLD	LALGI	GGV	PKGRIV	63	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	MAIDE	DKQKAT	SLATIK	QIDKV	FGKGAL	VRL	GDK	.QVEK	IDS	ISTGS	LGLD	LALGI	GGV	PKGRIV	63	
NTDB id 1334 RAOC RS04870 WP 004918236.1	.MAK.....TETTSPND	DKKKAL	AAVLEK	LDKT	YGKGT	VM	KLGD	GTVDH	NI	EV	PSGS	LGLD	LALGV	GGY	PKGRIV	70
NTDB id 192113 A1sIIB76 RS04190 WP 095674972.1	.MAA.....EKSKPEDNKSS	DRQKAL	DTALAQ	IERQ	FGKGS	VMMK	MSDR	.QAQV	IEV	IP	TGS	LALD	LALGI	GGL	PRGRIV	72
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKSSKNNTVVVK	QVEPEQ	KKQALE	AALAQ	IEKQ	FGKGS	IMKL	GQT	.EQLD	IESV	STGS	LGLD	LALGI	GGL	PMGRIV	78
NTDB id 1130 NGFG RS03960 WP 003688695.1	MSDD	SKALAAAL	AQIEK	SFGKGA	IMKMD	GSGQEEN	LEVI	ISTGS	LGLD	LALGV	GGL	PRGRIV	62			
NTDB id 1124 NGFG RS03960 WP 003688695.1	MSDD	SKALAAAL	AQIEK	SFGKGA	IMKMD	GSGQEEN	LEVI	ISTGS	LGLD	LALGV	GGL	PRGRIV	62			
NTDB id 1123 OK783 RS03845 WP 003688695.1	MSDD	SKALAAAL	AQIEK	SFGKGA	IMKMD	GSGQEEN	LEVI	ISTGS	LGLD	LALGV	GGL	PRGRIV	62			
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....KKAASMSA	EKKKAL	AAALAQ	IEKQ	FGKGS	IMKM	GDA	.EVEP	VQVV	STGS	LGLD	VALGV	GGL	PRGRIV	70	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	MDENK	QKALAAAL	GQIEK	QFGKGS	IMRL	GDN	.RAMD	VET	ISTGS	SLD	LALG	AGGL	PMGRIV	61		
NTDB id 1142 GTF74 RS11550 WP 000344154.1	MDENK	QKALAAAL	GQIEK	QFGKGS	IMRL	GDN	.RAMD	VET	ISTGS	SLD	LALG	AGGL	PMGRIV	61		
NTDB id 1022 ACIAD RS06390 WP 004925639.1	MDDNK	SKALQAALS	QIEKQ	FGKNTV	MRL	GDN	.TVQAVEA	VSTGS	LTL	DIALGI	GGL	PKGRIV	61			
NTDB id 1074 ABD1 RS10195 WP 000344167.1	MDENK	SKALQAALS	QIEKQ	FGKNTV	MRL	GDN	.TVQAVEA	VSTGS	LTL	DIALGI	GGL	PKGRIV	61			
NTDB id 1205 PSJM300 05545 AFN77183.1	MDENK	KRALAAAL	GQIEKQ	FGKGA	VMM	GCDH	.DRQA	IPSI	ISTGS	LGLD	LALGI	GGL	PKGRIV	61		
consensus		**	***	**	*****	!!	!*****	*		*****	!!!!!!	!!	!!	!!	!!	

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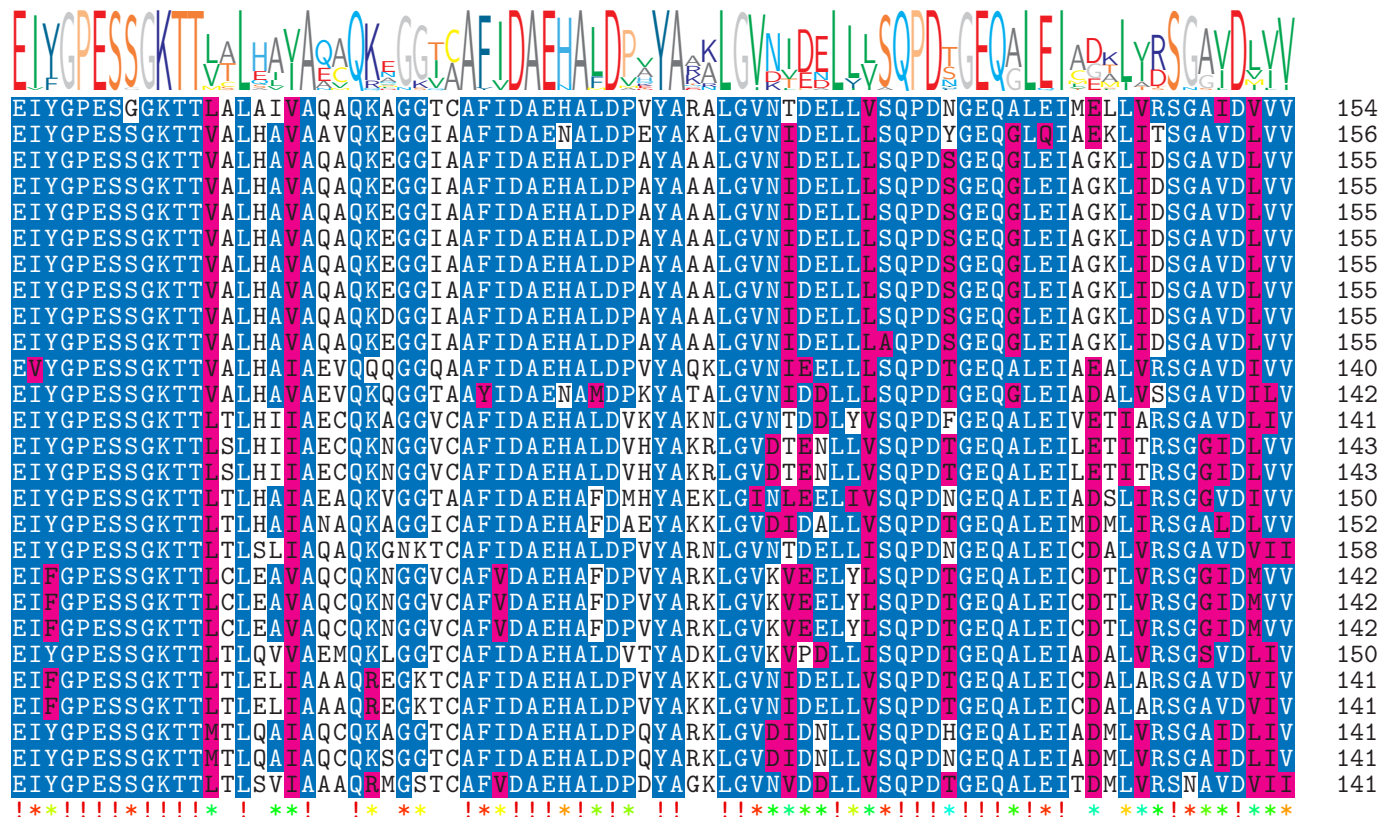
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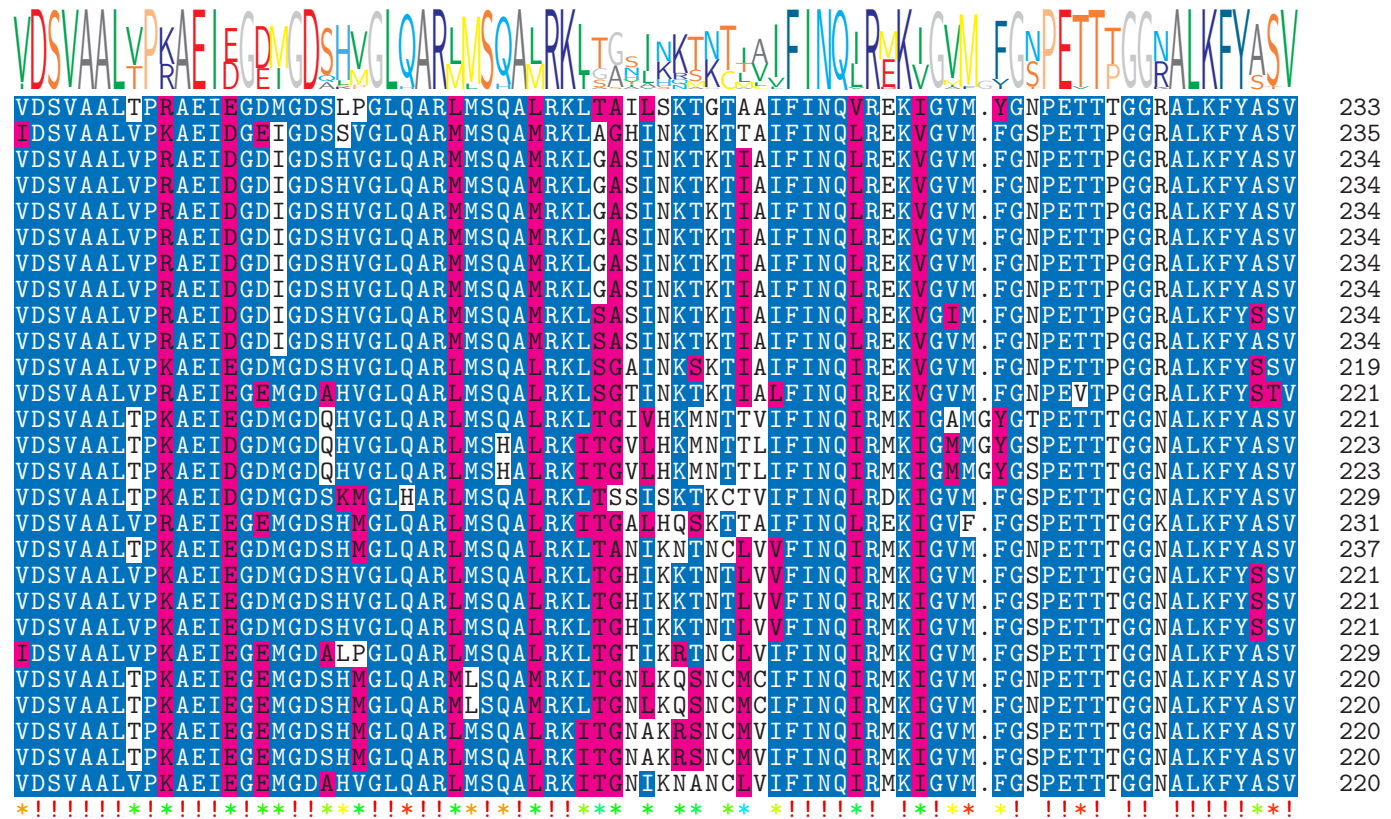
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NTDB id 194 SPR RS08825 WP 001085462.1
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NTDB id 527 SMSK321 RS11065 WP 001085454.1
NTDB id 408 SMU RS09530 WP 002262392.1
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NTDB id 1334 RAOC RS04870 WP 004918236.1
NTDB id 192113 A1sIIB76 RS04190 WP 095674972.1
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
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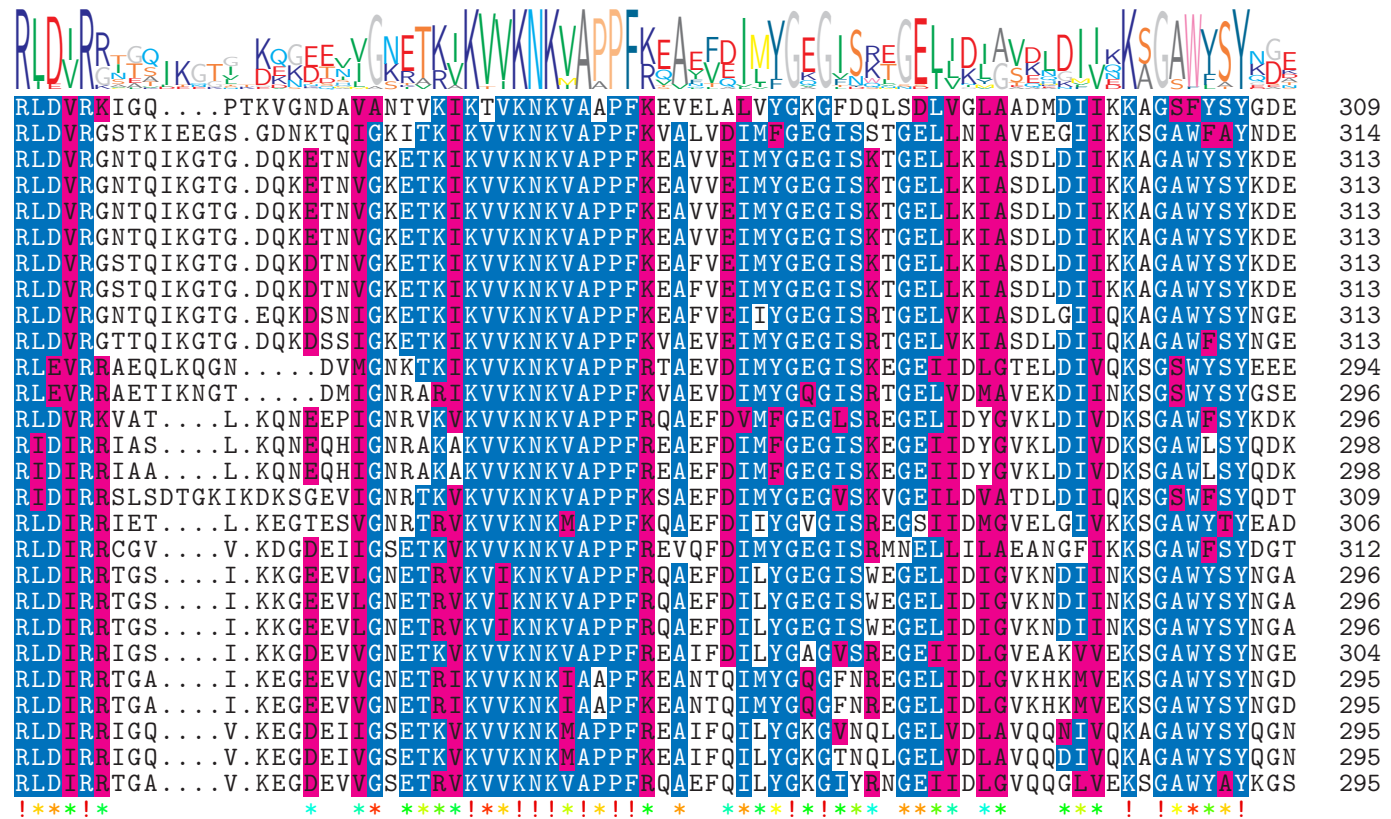
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NTDB id 115 BSU 16940 NP 389576.2
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
NTDB id 1205 PSJM300 05545 AFN77183.1
consensus



NTDB id 1313 DR RS12030 WP 010888966.1
NTDB id 600 KW2 RS01765 WP 011675413.1
NTDB id 269 KZH43 RS08665 WP 001085462.1
NTDB id 228 SPD RS09265 WP 001085462.1
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
NTDB id 1205 PSJM300 05545 AFN77183.1
consensus



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NTDB id 1313 DR RS12030 WP 010888966.1	RIGQGGKEKTIAYIAERPMEQEIRDRVMAAIRAGNAGEAPALAPAPA.....APEAAEA.....	363
NTDB id 600 KW2 RS01765 WP 011675413.1	KIGQGGAEKAKNYLKEHQDVFEIDHKVRAAHGLDDSEVAETEEETTASHTKAKAKKEEKAVETEEIELELED.....	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	KIGQGSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIEIE	387
NTDB id 228 SPD RS09265 WP 001085462.1	KIGQGGSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIEIE	387
NTDB id 194 SPR RS08825 WP 001085462.1	KIGQGGSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIEIE	387
NTDB id 159 SP RS09750 WP 001085462.1	KIGQGGSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIEIE	387
NTDB id 499 SM12261 RS08315 WP 078228268.1	KIGQGGSENAKKYLAENPEIFDEIDHQVRVQFGLIDGEEIAES....KKDE....AAQVDS..VNEEVTLDLGDELEIEIE	383
NTDB id 527 SMSK321 RS11065 WP 001085454.1	KIGQGGSENAKKYLAENPEVFAEIDHQVRVQFGLIDGEEAAES....KKDE....VAQVDS..VNEEVTLDLGDELEIEIE	383
NTDB id 408 SMU RS09530 WP 002262392.1	KIGQGGSENAKKFLADNPEIFDDIDHKVVRVQYGLIEEDNTEEKQSSKEK.....ETDEK..ADKNLVLELDDTIELED.	383
NTDB id 453 Spy49 1753c ACI62003.1	KIGQGGSENAKRYLADHPQLFDEIDRKVRVKFGLLEESEEEESAMAVASE.....E.....TDDLALDLNNGIEIED.	378
NTDB id 115 BSU 16940 NP 389576.2	RLGQGGRENAKQFLKENKDIMLMIQEQIREHYCLDNNGVVQQQAEETQEEL.EFE.E.....	348
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NTDB id 1211 C694 RS00795 WP 000963128.1	KLGGGRENAKALLKEDKALADEITLKIKESIGSNEEIMPLPDE...PLEEME.....	347
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NTDB id 1130 NGFG RS03960 WP 003688695.1	KIGQGGKDNVRVWLKENPEISDEIDAKIRALNGVEMHIT.EGTQDETGDGER.....PE.....E.....	348
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NTDB id 1205 PSJM300 05545 AFN77183.1	KIGQGGKANAAKYLEENPEIGQEIEQQIRAKLLVTSANT.KATPVAEDLADADI.....	347
consensus	**!!**!* ** * ** * ** *	

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NTDB id 1313 DR RS12030 WP 010888966.1	E	363
NTDB id 600 KW2 RS01765 WP 011675413.1	.	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	E	388
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NTDB id 194 SPR RS08825 WP 001085462.1	E	388
NTDB id 159 SP RS09750 WP 001085462.1	E	388
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consensus		

-  non conserved
-  similar
-  ≥ 50% conserved