

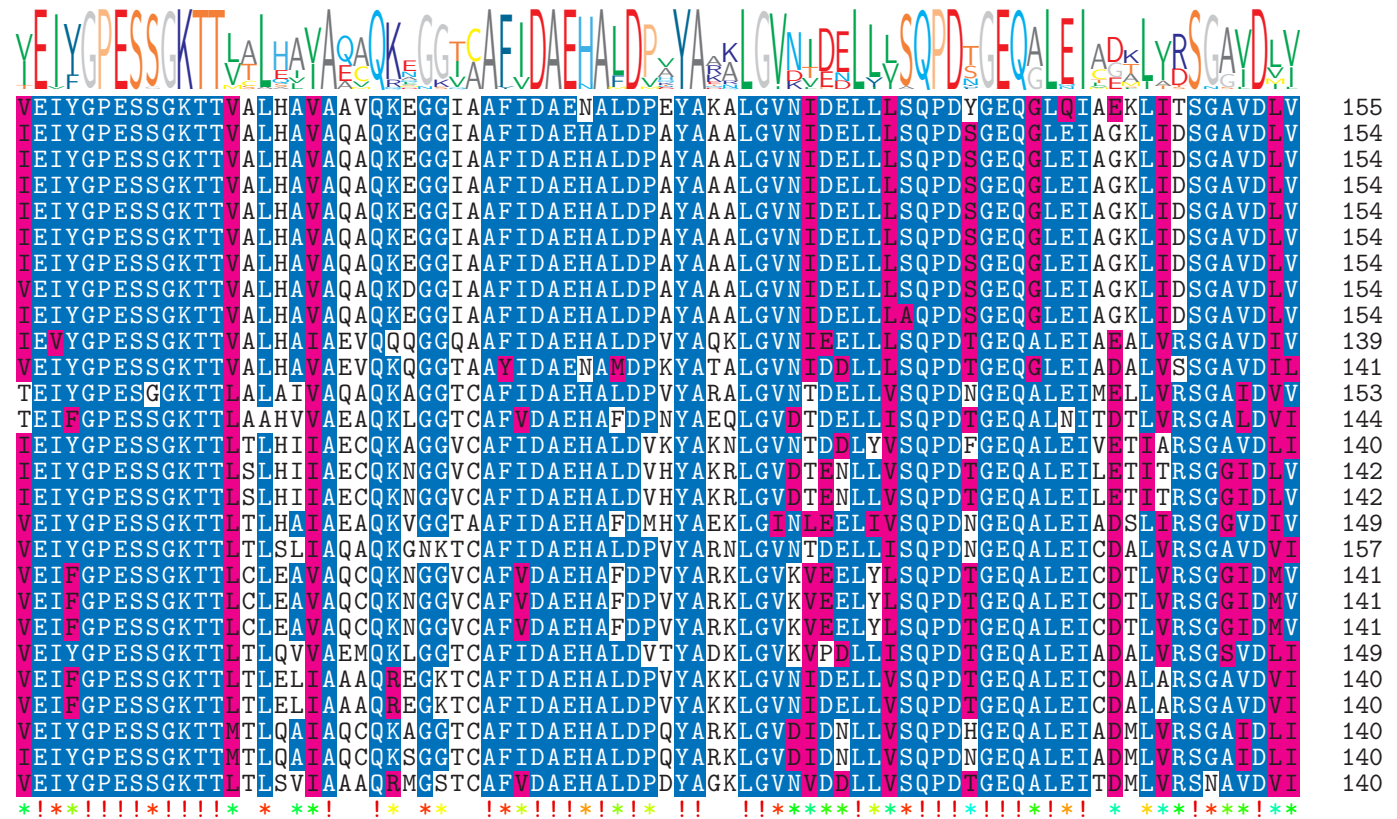
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NTDB id 1313 DR RS12030 WP 010888966.1	MSKDATKEISAPTDAKERSKATETAMSQIEKAFGKGSIMKLGAE.SKLDVQV	VSTGSLSLDLALGVGGIPGRRI	73
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consensus	*** ** *	***** !***** * ****!*!!!!!! !! !*!!*	

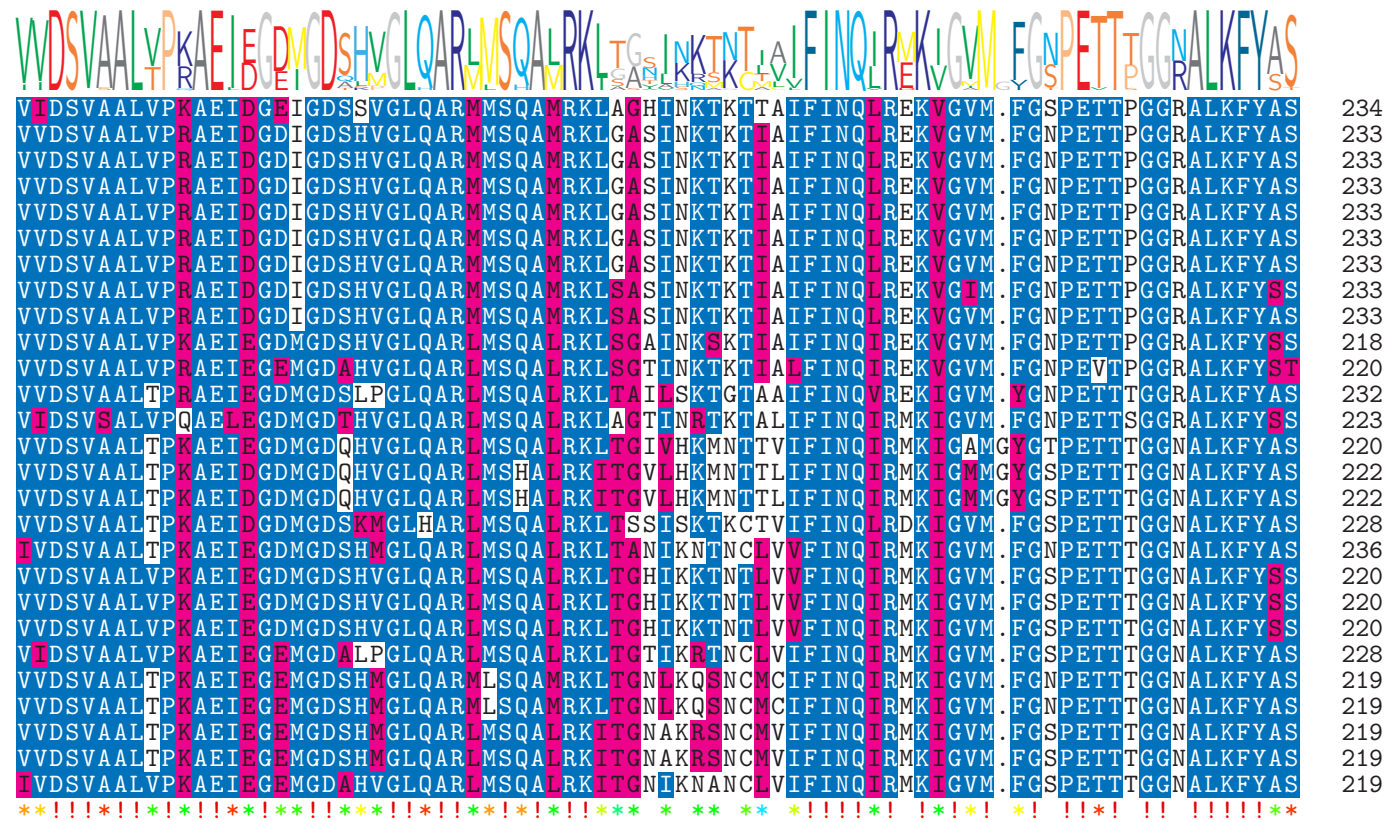
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consensus



logo

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NTDB id 269 KZH43 RS08665 WP 001085462.1	EKIGQGS	ENAKKYLA	EHPEIFDEID	KQVRSKFGL	IDGEEVS		EQDTENKK	DE....	PKKEEA	..VNEEVPLDLGDE	381			
NTDB id 228 SPD RS09265 WP 001085462.1	EKIGQGS	ENAKKYLA	EHPEIFDEID	KQVRSKFGL	IDGEEVS	....	EQDTENKK	DE....	PKKEEA	..VNEEVPLDLGDE	381			
NTDB id 194 SPR RS08825 WP 001085462.1	EKIGQGS	ENAKKYLA	EHPEIFDEID	KQVRSKFGL	IDGEEVS	....	EQDTENKK	DE....	PKKEEA	..VNEEVPLDLGDE	381			
NTDB id 159 SP RS09750 WP 001085462.1	EKIGQGS	ENAKKYLA	EHPEIFDEID	KQVRSKFGL	IDGEEVS	....	EQDTENKK	DE....	PKKEEA	..VNEEVPLDLGDE	381			
NTDB id 499 SM12261 RS08315 WP 078228268.1	EKIGQGS	ENAKKYLADN	PEIFDEID	HQVRVQFGL	IDGEEIA	....	ES....	KKDE....	AAQVDS	..VNEEVTLDLGDE	377			
NTDB id 527 SMSK321 RS11065 WP 001085454.1	EKIGQGS	ENAKKYLADN	PEVFAEID	HQVRVQFGL	IDGEEAA	....	ES....	KKDE....	VAQVDS	..VNEEVTLDLGDE	377			
NTDB id 408 SMU RS09530 WP 002262392.1	EKIGQGS	ENAKKFLADN	PEIFDDI	DHKVRVQYGL	IEEDNTE	....	EKQSSKEK	.....	ETDEK	..ADKNLVLELDDT	378			
NTDB id 453 Spy49 1753c ACI62003.1	EKIGQGS	ENAKRYLADH	PQLFDEID	RKVRVKFGL	LEESEEE	....	SAMAVASE	.....	E.....	TDDLALDLDNG	373			
NTDB id 115 BSU 16940 NP 389576.2	ERLGGG	RENAKQFLK	ENKDIMLM	IQEQIREHY	GLDNNGVVQ	....	QQAETQEEL	EFEE	E.....	.....	348			
NTDB id 625 LCA RS02525 WP 011374196.1	ERIGQG	RENAKNYLAD	HEDVEDEV	RLKVRAAYG	ISDVPEED		LPTTEDE	QI	NILPDDST	EE		355		
NTDB id 1313 DR RS12030 WP 010888966.1	ERIGQG	KEKTIA	YTAERP	EMEQEIRDR	VMAAIRAGN	AGEAPALAP	APEAAE	A	.....	.....	363			
NTDB id 301057 DRH00 RS08190 WP 011404279.1	ETIAQG	RENTKEW	LEENDEQR	DEIKSALR	GEICLATV	DE....	DSEEDEEEA	E	AAAE	EA		353		
NTDB id 1245 Cj1673c YP 002345041.1	KKLGGG	RENSKAF	LKENPEI	ADEITKAI	QNSMGIE	GMIS....	GSEDD	..EGE	E			343		
NTDB id 1214 NCTC11637 00359 SQJ03206.1	KKLGGG	RENAKALL	KEDKAL	ADEITLKI	KESIGS	NEEIM....	PLPDE	..PLE	EME			347		
NTDB id 1211 C694 RS00795 WP 000963128.1	KKLGGG	RENAKALL	KEDKAL	ADEITLKI	KESIGS	NEEIM....	PLPDE	..PLE	EME			347		
NTDB id 1334 RAOC RS04870 WP 004918236.1	TKLGGG	RDTVKEL	IKDNPEL	AEELEAKI	REKLQAK	.....	.....	.....	.....	.....	343			
NTDB id 1389 A4U84 RS07560 WP 021112712.1	TKIGQG	KNNAVKWL	KENPEIAD	KLEQEIR	NTLASNP	NSV....	LKATASDS	ND	ESDV	EEFSE	EEL		372	
NTDB id 1130 NGFG RS03960 WP 003688695.1	AKIGQG	KDNVRVWL	KENPEIS	DEIDAKI	RALNGV	EMHIT....	EGTQDET	DGE	R	PE	E		348	
NTDB id 1124 NGFG RS03960 WP 003688695.1	AKIGQG	KDNVRVWL	KENPEIS	DEIDAKI	RALNGV	EMHIT....	EGTQDET	DGE	R	PE	E		348	
NTDB id 1123 OK783 RS03845 WP 003688695.1	AKIGQG	KDNVRVWL	KENPEIS	DEIDAKI	RALNGV	EMHIT....	EGTQDET	DGE	R	PE	E		348	
NTDB id 1427 RS RS02760 WP 011000510.1	ERIGQG	RDNCRE	FLRENAEL	AREIENK	VREHLGV	TPMGA....	VTLA	..EEVEE	D			352		
NTDB id 1165 A1552VC RS01565 WP 000344154.1	DKIGQG	KANACKYL	KENPEIA	KTLDKKL	REMLLN	NPENMQ....	LIAETSS	AAD	DVEF	GAVPE	EF		354	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	DKIGQG	KANACKYL	KENPEIA	KTLDKKL	REMLLN	NPENMQ....	LIAETSS	AAD	DVEF	GAVPE	EF		354	
NTDB id 1022 ACIAD RS06390 WP 004925639.1	NKIGQG	KNNVIRY	LEENPQIS	TEIEAVI	REQLLT	TKASDQ....	TAA	..HDETEE	EPDLL	..ES		349		
NTDB id 1074 ABD1 RS10195 WP 000344167.1	NKIGQG	KNNVIRY	FEENNQIA	EEIERNI	REQLLT	TTGTNG....	AVQ	..I	EDEE	EPDLL	..LE	S		349
NTDB id 1205 PSJM300 05545 AFN77183.1	SKIGQG	KANA	AKYLEEN	PEIGQIE	EQIRAKLL	VTSANT....	KATPVA	EDLA	DADI			347		
consensus	***!!	*****	**	*****	*****	**	**	**	*	*				

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NTDB id 600 KW2 RS01765 WP 011675413.1		387
NTDB id 269 KZH43 RS08665 WP 001085462.1	LEIEIEE	388
NTDB id 228 SPD RS09265 WP 001085462.1	LEIEIEE	388
NTDB id 194 SPR RS08825 WP 001085462.1	LEIEIEE	388
NTDB id 159 SP RS09750 WP 001085462.1	LEIEIEE	388
NTDB id 499 SM12261 RS08315 WP 078228268.1	LEIEIEE	384
NTDB id 527 SMSK321 RS11065 WP 001085454.1	LEIEIEE	384
NTDB id 408 SMU RS09530 WP 002262392.1	IELED..	383
NTDB id 453 Spy49 1753c ACI62003.1	IEIED..	378
NTDB id 115 BSU 16940 NP 389576.2	.....	348
NTDB id 625 LCA RS02525 WP 011374196.1	.....	355
NTDB id 1313 DR RS12030 WP 010888966.1	.....	363
NTDB id 301057 DRH00 RS08190 WP 011404279.1	.....	353
NTDB id 1245 Cj1673c YP 002345041.1	.....	343
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....	347
NTDB id 1211 C694 RS00795 WP 000963128.1	.....	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