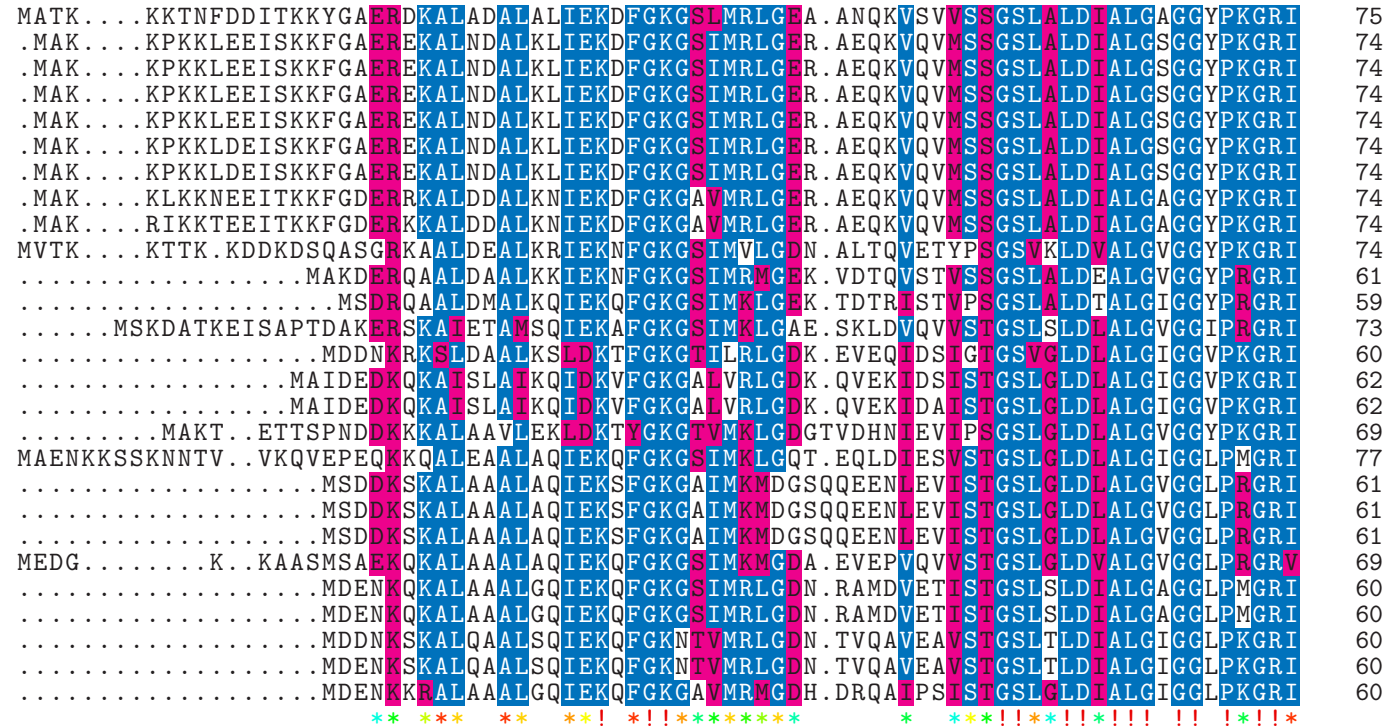


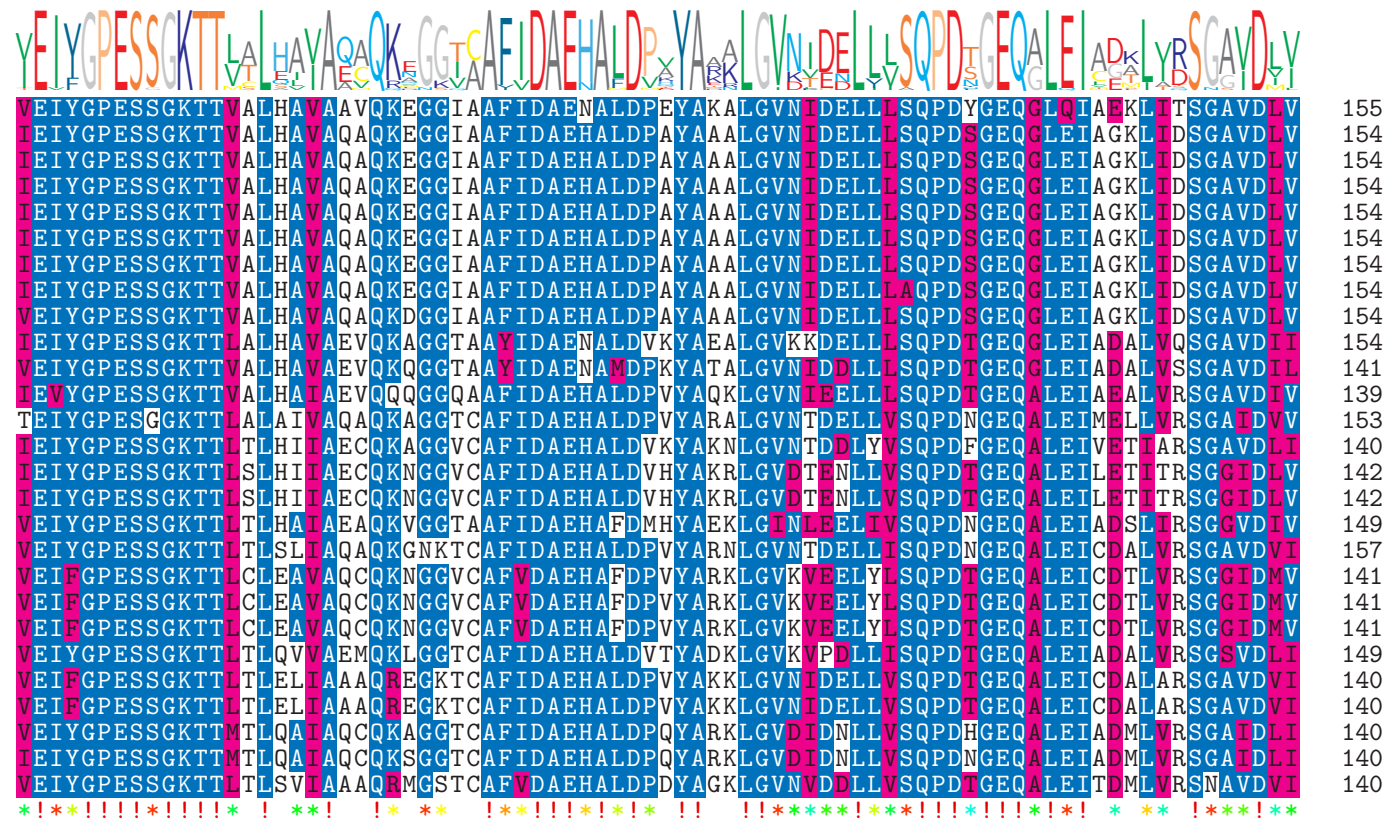
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consensus

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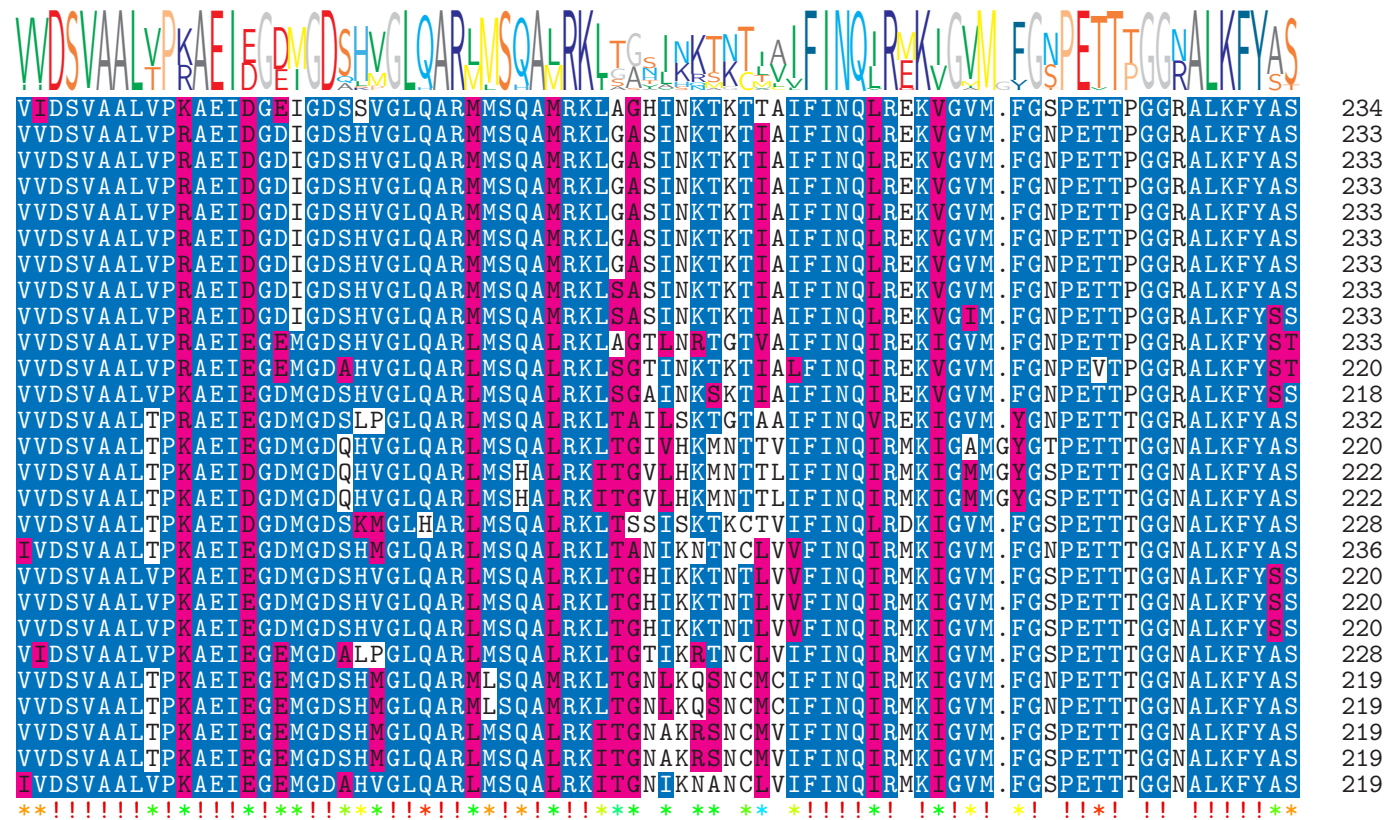
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consensus



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consensus

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NTDB id 228 SPD RS09265 WP 001085462.1	VRLDVRGNTQIKGTG.DQKETNVGKETKIKVVKNKVAPPFK	EA	312
NTDB id 194 SPR RS08825 WP 001085462.1	VRLDVRGNTQIKGTG.DQKETNVGKETKIKVVKNKVAPPFK	EA	312
NTDB id 159 SP RS09750 WP 001085462.1	VRLDVRGNTQIKGTG.DQKETNVGKETKIKVVKNKVAPPFK	EA	312
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NTDB id 1211 C694 RS00795 WP 000963128.1	VRIDIRRIAS...L.KQNEQH	IGNRAKAKVVKNKVAPPFR	297
NTDB id 1214 NCTC11637 00359 SQJ03206.1	VRIDIRRIAA...L.KQNEQH	IGNRAKAKVVKNKVAPPFR	297
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	VRLDIRRCGV...V.KDGDEI	IGSETKVKKVKNKVAPPFR	311
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NTDB id 1124 NGFG RS03960 WP 003688695.1	VRLDIRRTGS...I.KKGEV	LGNETRVKVIKNKVAPPFR	295
NTDB id 1123 OK783 RS03845 WP 003688695.1	VRLDIRRTGS...I.KKGEV	LGNETRVKVIKNKVAPPFR	295
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	VRLDIRRTGA...I.KEGEEV	GNETRIKVVKNKIAAPFKEANTQIMYGGFNREGELIDLGVKHKMVEKSGAWYSYNG	294
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	VRLDIRRIGQ...V.KEGDEI	IGSETKVKKVKNKMAPPFREAI	294
NTDB id 1205 PSJM300 05545 AFN77183.1	VRLDIRRTGA...V.KEGDEV	GSETR	294
consensus	*!***!*	* ** *****!*****!*****!*	

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NTDB id 600 KW2 RS01765 WP 011675413.1	EKIGQGA	EKAKNYLKEHQD	..VFDEIDHKVRAAHGL	LLDDSEVAETEEETTAS	TKAKAKKEEKAVETEEIELELED...	387				
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NTDB id 228 SPD RS09265 WP 001085462.1	EKIGQGS	ENAKKYLAEHPE	..IFDEIDKQVRSKFGL	IDGEEVSEQDTENKKDE...	PKKEEA..VNEEVPLDLGDELEI	384				
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NTDB id 159 SP RS09750 WP 001085462.1	EKIGQGS	ENAKKYLAEHPE	..IFDEIDKQVRSKFGL	IDGEEVSEQDTENKKDE...	PKKEEA..VNEEVPLDLGDELEI	384				
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NTDB id 453 Spy49 1753c ACI62003.1	EKIGQGS	ENAKRYLADHPQ	..LFDEIDRKVRVKFGL	LEESEESAMAVASE.....E.....TDDLALDLNGIEI	376					
NTDB id 408 SMU RS09530 WP 002262392.1	EKIGQGS	ENAKKFLADNPE	..IFDDIDHKVRVQYGL	IEEDNTEEKQSSKEK.....ETDEK..ADKNLVLDDTTIEL	381					
NTDB id 110430 A9176 RS00240 WP 029509631.1	IKVGQGR	EKAKEFLDAPENAA	MRQEIIYAKVRNAFG	IGDGELPVEEADDETIE.....APETLALVTDDDDDL	375					
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NTDB id 115 BSU 16940 NP 389576.2	ERLGQGR	ENAKQFLKENKD	..IMLMIQEQIREHYGL	DNNGVVQQQA...EE.....TQEELEFE.E....	348					
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NTDB id 1245 Cj1673c YP 002345041.1	KKLGQGR	ENSKAFLKENPE	..IADEITKAIQNSMG	IEGMI....SGSEDD..EGE..E.....	343					
NTDB id 1211 C694 RS00795 WP 000963128.1	KKLGQGR	ENAKALLKEDKA	..LADEITLKI	KESIGSNEEI....MPLPDE..PLE..EME.....	347					
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	TKIGQG	KNNAVKWLKENPE	..IADKLEQEIRNTLAS	NPNS....VLKATASDSND..ESDVVEEFSEEL.....	372					
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NTDB id 1165 A1552VC RS01565 WP 000344154.1	DKIGQG	KANACKYLLKENPE	..IAKTLDKKLREMLLN	PENM....QLIAETSSAAD..DVEFGAVPEEF.....	354					
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NTDB id 1205 PSJM300 05545 AFN77183.1	SKIGQG	KANAACYLEENPE	..IGQEIEQQIRAKLL	VTSAN....TKATPVAEDLA..DADI.....	347					
consensus	**!!!	*****	**	*	**	*	*****	**	*	*

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NTDB id 600 KW2 RS01765 WP 011675413.1		387
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NTDB id 527 SMSK321 RS11065 WP 001085454.1	EIEE..	384
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NTDB id 110430 A9176 RS00240 WP 029509631.1	TDEPIV	381
NTDB id 625 LCA RS02525 WP 011374196.1	..E...	355
NTDB id 115 BSU 16940 NP 389576.2		348
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NTDB id 1123 OK783 RS03845 WP 003688695.1		348
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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