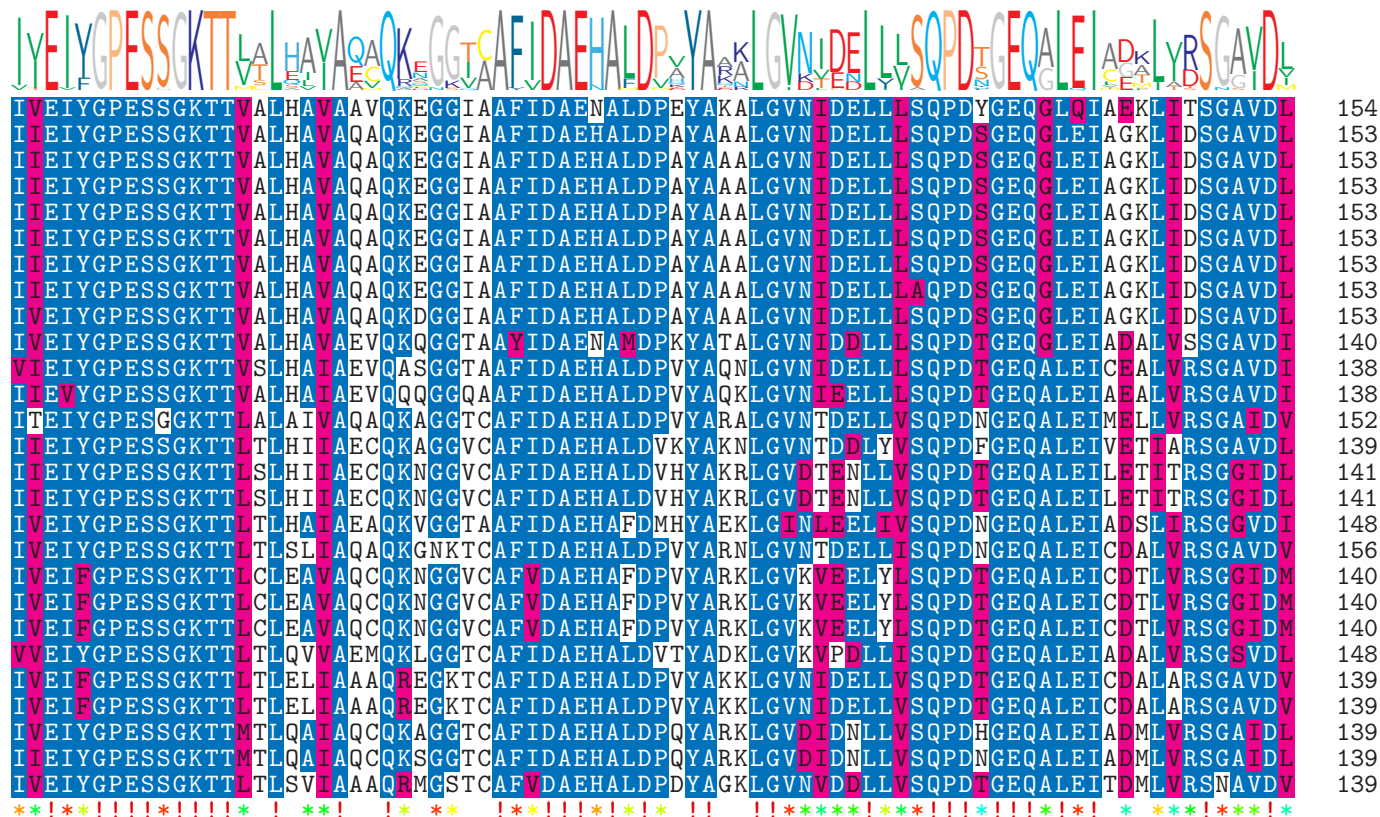


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NTDB id 415186 DNR44 RS10770 WP 112222767.1	MS	DRKAALDVALKQIEKQ	FGKGSVMKLGEK	.SDRNISS	VSSGSLAVDS	A	LG	IGGY	PRGR	58	
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NTDB id 1245 Cj1673c YP 002345041.1	MDDN	KRKSLDAALKSLDKT	FGKGTILRLGDK	.EVEQIDS	IGTGSVGLD	I	ALG	IGGV	PKGR	59	
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NTDB id 1334 RAOC RS04870 WP 004918236.1	MAKT..ETTSPND	DKKKALAAVLEKLDKT	YGKGTVMKLG	DGTVDHNI	EVIPSGSLGLD	I	ALG	VGGY	PKGR	68	
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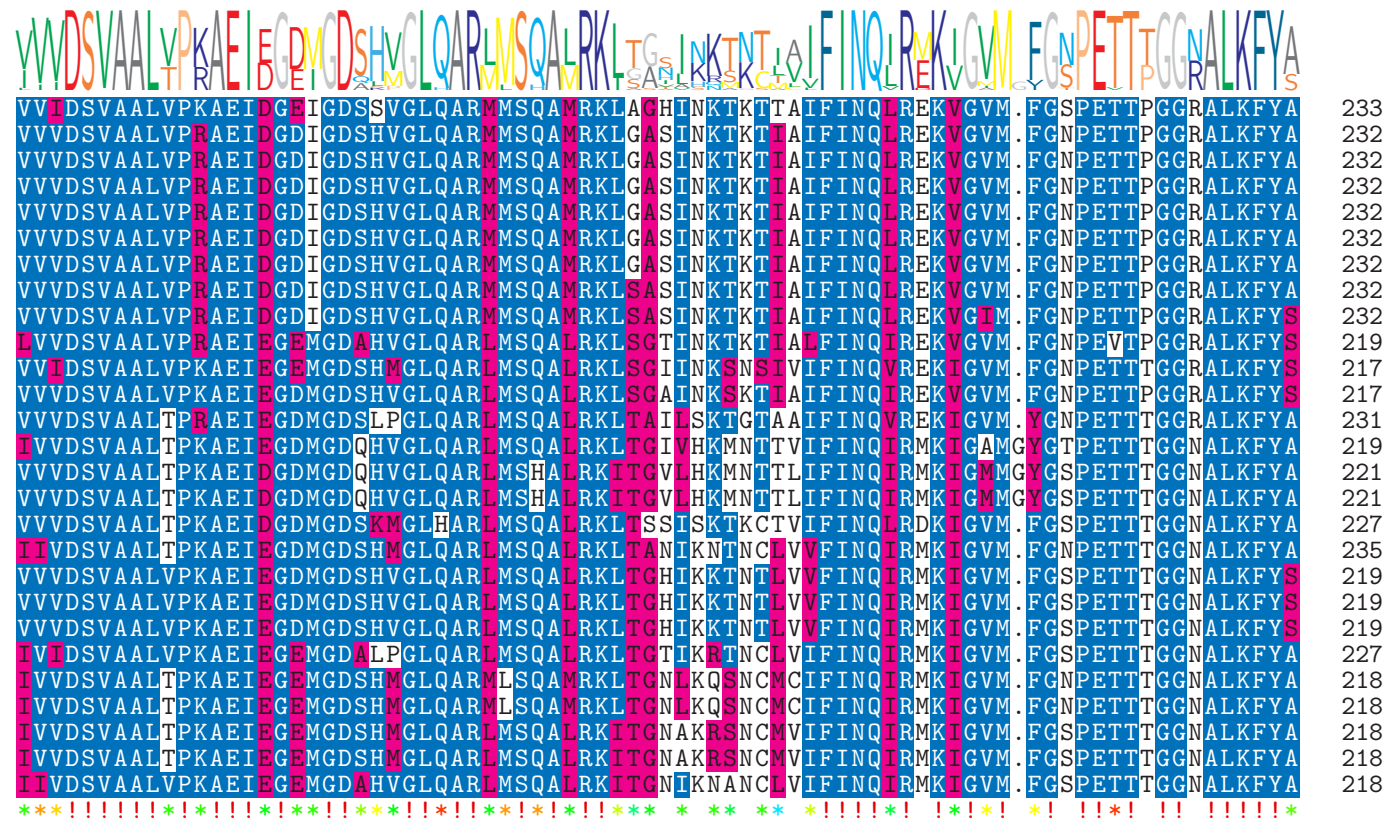
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NTDB id 408 SMU RS09530 WP 002262392.1
NTDB id 625 LCA RS02525 WP 011374196.1
NTDB id 415186 DNR44 RS10770 WP 112222767.1
NTDB id 115 BSU 16940 NP 389576.2
NTDB id 1313 DR RS12030 WP 010888966.1
NTDB id 1245 Cj1673c YP 002345041.1
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NTDB id 1334 RAOC RS04870 WP 004918236.1
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consensus



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consensus

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NTDB id 228 SPD RS09265 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETNVGKETKIKVVKNKVAPPFKEAVVEIMYEGEGISKTGELLKIASDL	DIKKAGAWYSYK	311
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	SVRLDIRRIGQ....V.KEGDEIIGSETKVVVVKNKMAPPFREAIFFQILYGGKGVNQLGELVDLAVQQ	NIVQKAGAWYSYQ	293
NTDB id 1074 ABD1 RS10195 WP 000344167.1	SVRLDIRRIGQ....V.KEGDEIIGSETKVVVVKNKMAPPFREAIFFQILYGGKGTNQLGELVDLAVQQ	DIVQKAGAWYSYQ	293
NTDB id 1205 PSJM300 05545 AFN77183.1	SVRLDIRRTGA....V.KEGDEVVGSETRKKVVKNKVAPPFRQAEFFQILYGGKGIYRNGEIIDLG	VQQGLVEKSGAWAYK	293
consensus	***!***!* * ** *****!*****!*****! * * *****!*!*** * * * * * ! !*****!		

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NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGA	EKAKNYLKEHQDV	DEIDHKVRAAHG	LDDSEVAETEEETT	ASKTKAKAKKKEEK	AVETEEIELELED		387
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NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGS	ENAKKYLAADNPEV	FAEIDHQVRVQFGL	IDGEEAAES....	KKDE....VAQVDS	..VNEEVTLDLGDE	LEIE	381
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS	ENAKRYLADHPQLF	DEIDRKVRVKFGL	LEESEEEESAMAV	ASE.....E.....	TDDLALDLDN	GIEIE	377
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS	ENAKKFLADNPEIF	DDIDHKVRVQYGL	IEEDNTEEKQSS	KEK.....ETDEK	..ADKNLVLELDD	TIELE	382
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NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGQG	RENAKALLKED	KALADEITLKIK	ESIGSNEEI....	MPLPDE..PLEE	ME.....	..	347
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQG	KANACKYLLKEN	PEIAKTLDKKL	REMLLNPNEM	QLIAETSS	AADDVE.....	FGAVPEEF....	354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQG	KNNVIRYFEEN	NQIAEIEIERN	IREQLLT	TKASD....QTAA	.HDETEEEPD	LL..ES....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQG	KNNVIRYFEEN	NQIAEIEIERN	IREQLLT	TTGTN....GAVQ	.I.EDEEEPD	LL..LES....	349
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NTDB id 194 SPR RS08825 WP 001085462.1	IEE	388
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consensus

 non conserved
 similar
 ≥ 50% conserved