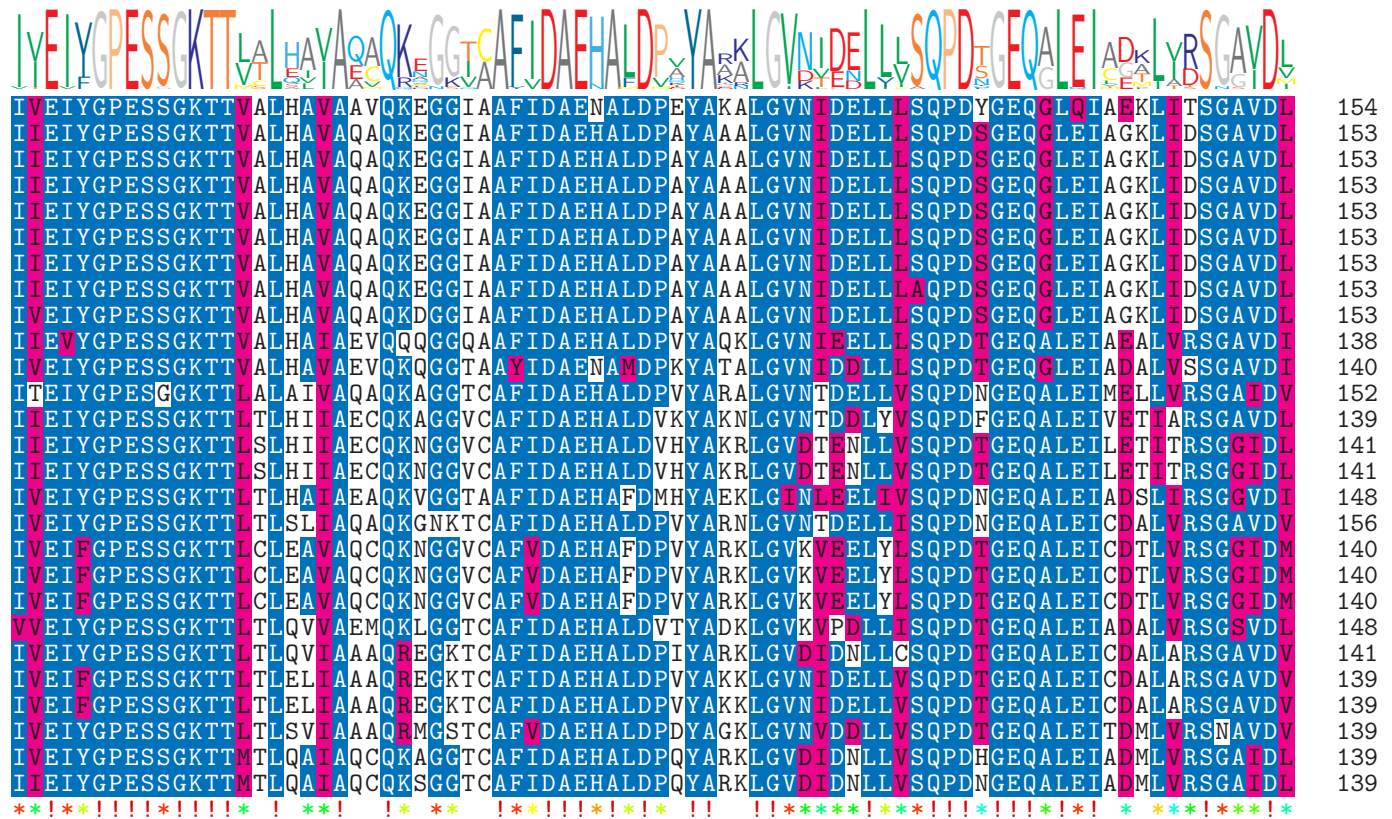


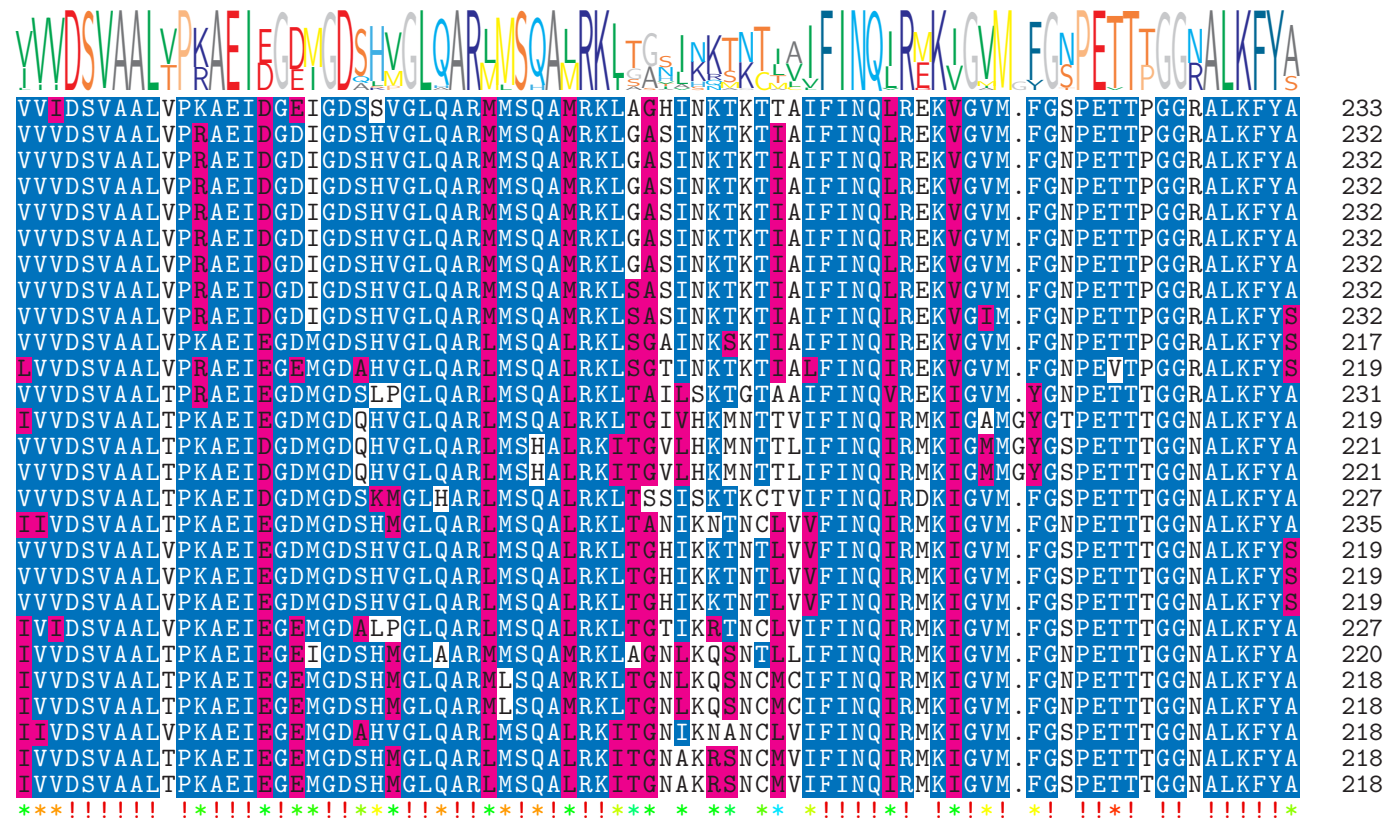
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NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKKP....KKLEEISKKFGA	ERE	KALND	ALKL	IEKD	FGKGS	SIMRLGER	AEQK	VQV	MSSGSL	ALD	I	ALGSGGY	PKGR	73				
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NTDB id 159 SP RS09750 WP 001085462.1	.MAKKP....KKLEEISKKFGA	ERE	KALND	ALKL	IEKD	FGKGS	SIMRLGER	AEQK	VQV	MSSGSL	ALD	I	ALGSGGY	PKGR	73				
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NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKKP....KKLDEISKKFGA	ERE	KALND	ALKL	IEKD	FGKGS	SIMRLGER	AEQK	VQV	MSSGSL	ALD	I	ALGSGGY	PKGR	73				
NTDB id 453 Spy49 1753c ACI62003.1	.MAKKL....KKNEEITKKFG	DERR	KALDD	ALKN	IEKD	FGKGA	V	MRLGER	AEQK	VQV	MSSGSL	ALD	I	ALGAGGY	PKGR	73			
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NTDB id 115 BSU 16940 NP 389576.2	MSDRQAALDMALK	Q	IEKQ	FGKGS	SIMKLGE	K	TDTR	I	STVPS	GSL	ALD	T	ALGIGGY	PRGR	58				
NTDB id 625 LCA RS02525 WP 011374196.1	MAKDERQAALDA	ALKK	IEKN	FGKGS	SIMRMGE	K	VDTQ	V	STVSS	GSL	ALD	E	ALGVGGY	PRGR	60				
NTDB id 1313 DR RS12030 WP 010888966.1	MSKDATKEISAPTD	A	ERSKA	IET	A	MSQ	IEKA	F	GKGS	SIMKLGA	E	SKLD	V	QVVST	GSLS	LDL	ALGVGGIP	PRGR	72
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NTDB id 1211 C694 RS00795 WP 000963128.1	MAIDEDKQKAI	SLA	IKQ	IDKV	FGKGAL	VRLG	D	K	QVEK	I	DAI	STGSL	GLD	ALGIGGV	PKGR	61			
NTDB id 1334 RAOC RS04870 WP 004918236.1	MAKT..ETTSPN	DDKK	KALAAV	LEK	LDKT	YGKGT	VMKLG	D	GTVD	HNIE	EV	I	PSGSL	GLDL	ALGVGGY	PKGR	68		
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKSSKNNTV..VKQVEP	E	QKKQ	ALEA	AALQ	IEKQ	FGKGS	SIMKLGT	EQ	LDIES	V	STGSL	GLD	ALGIGGL	PMGR	76			
NTDB id 1130 NGFG RS03960 WP 003688695.1	MSDDKSKALAAAL	A	QIEKS	F	GKGA	AIMKMD	G	SQ	Q	EEN	LE	V	I	STGSL	GLD	ALGVGGL	PRGR	60	
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NTDB id 1427 RS RS02760 WP 011000510.1	.MED.....GK..KAASMS	A	EKQ	KALAA	AALQ	IEKQ	FGKGS	SIMKMD	A	EVEP	V	QVVST	GSL	GLD	VALGVGGL	PRGR	68		
NTDB id 276559 C6P55 RS26695 WP 000963143.1	MAIDENKQKALAAAL	G	QIEKQ	FGKGS	SIMRLGE	D	RSMD	V	ET	I	STGSL	SLD	I	ALGAGGL	PMGR	61			
NTDB id 1165 A1552VC RS01565 WP 000344154.1	MDENKQKALAAAL	G	QIEKQ	FGKGS	SIMRLGN	D	RAMD	V	ET	I	STGSL	SLD	I	ALGAGGL	PMGR	59			
NTDB id 1142 GTF74 RS11550 WP 000344154.1	MDENKQKALAAAL	G	QIEKQ	FGKGS	SIMRLGN	D	RAMD	V	ET	I	STGSL	SLD	I	ALGAGGL	PMGR	59			
NTDB id 1205 PSJM300 05545 AFN77183.1	MDENKKRALAAAL	G	QIEKQ	FGKGA	V	MRMG	DH	DRQA	I	PS	I	STGSL	GLD	I	ALGIGGL	PKGR	59		
NTDB id 1022 ACIAD RS06390 WP 004925639.1	MDDNKSKALQAALS	Q	IEKQ	FGKNT	VMRLGN	D	TVQA	A	VEA	V	STGSL	TLD	I	ALGIGGL	PKGR	59			
NTDB id 1074 ABD1 RS10195 WP 000344167.1	MDENKSKALQAALS	Q	IEKQ	FGKNT	VMRLGN	D	TVQA	A	VEA	V	STGSL	TLD	I	ALGIGGL	PKGR	59			
consensus	*** **	***	**	***!	***!	*****	*	***!!*!!*!!*!!*!!*!!*!!*!!											

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NTDB id 269 KZH43 RS08665 WP 001085462.1
NTDB id 228 SPD RS09265 WP 001085462.1
NTDB id 194 SPR RS08825 WP 001085462.1
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NTDB id 408 SMU RS09530 WP 002262392.1
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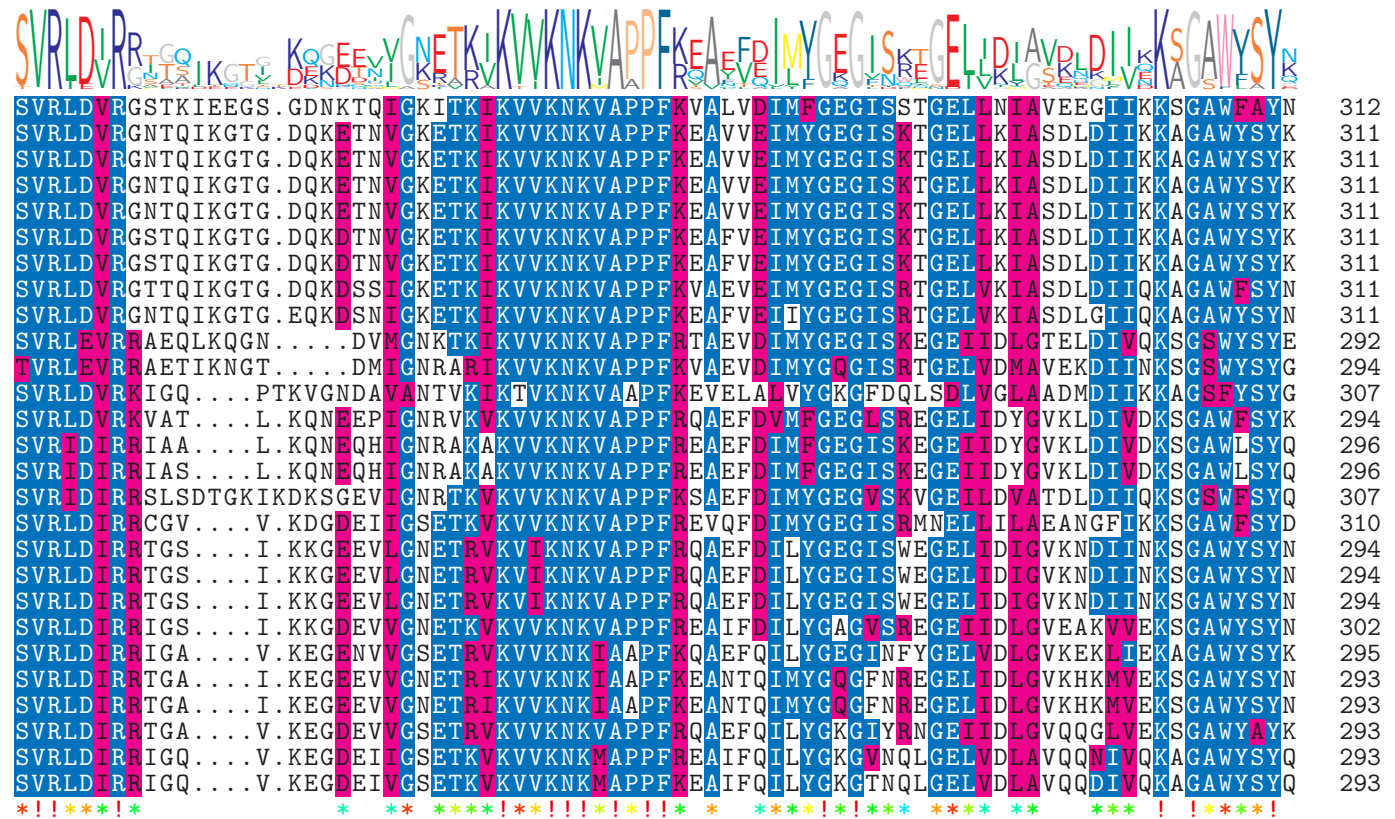
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consensus

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NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENKKDE	PKKEEA	.VNEEVPLDLGDELEIE		385	
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENKKDE	PKKEEA	.VNEEVPLDLGDELEIE		385	
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NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGS	ENAKKYLAADNPEVFAE	IDHQVRVQFGL	IDGEEAAES	KKDE	VAQVDS	.VNEEVTLDLGDELEIE	381	
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS	ENAKRYLADHPQLF	DEIDRKVRVKFGL	LEESEEEESAMAVASE	E	TDDLALDLN	GIEIE	377	
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQGS	KANACKYLLKENPEIA	KTLDKKLREML	LNPN	MQLIAETSSAA	...DDV	EFGAVPEEF	354	
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQGS	KNNVIRYLEENPQISTE	IEAVIREQL	LT	TKAS	DQTAA.HDETE	...EED	LLLES	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQGS	KNNVIRYFEENNQIAEE	IERNIREQL	LT	TGT	NGAVQ.I.EDE	...EED	LLLES	349
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consensus			

-  non conserved
-  similar
-  ≥ 50% conserved