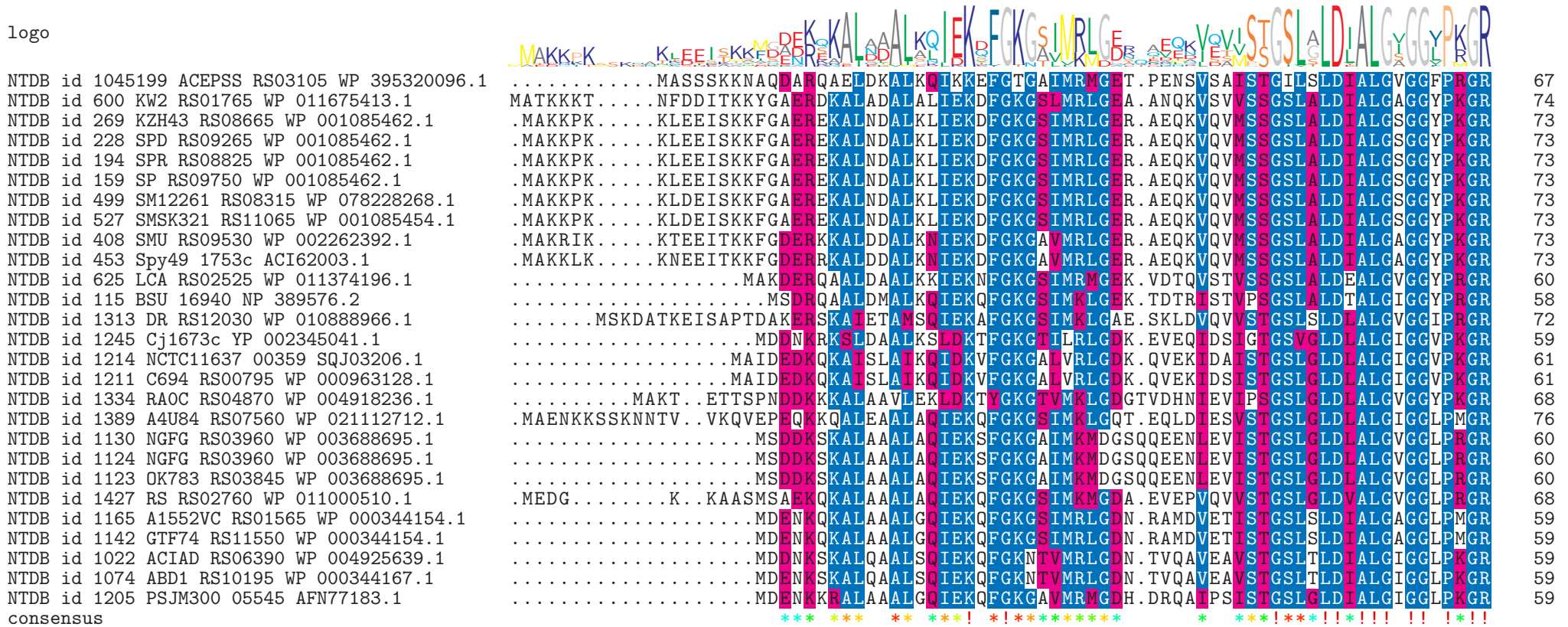
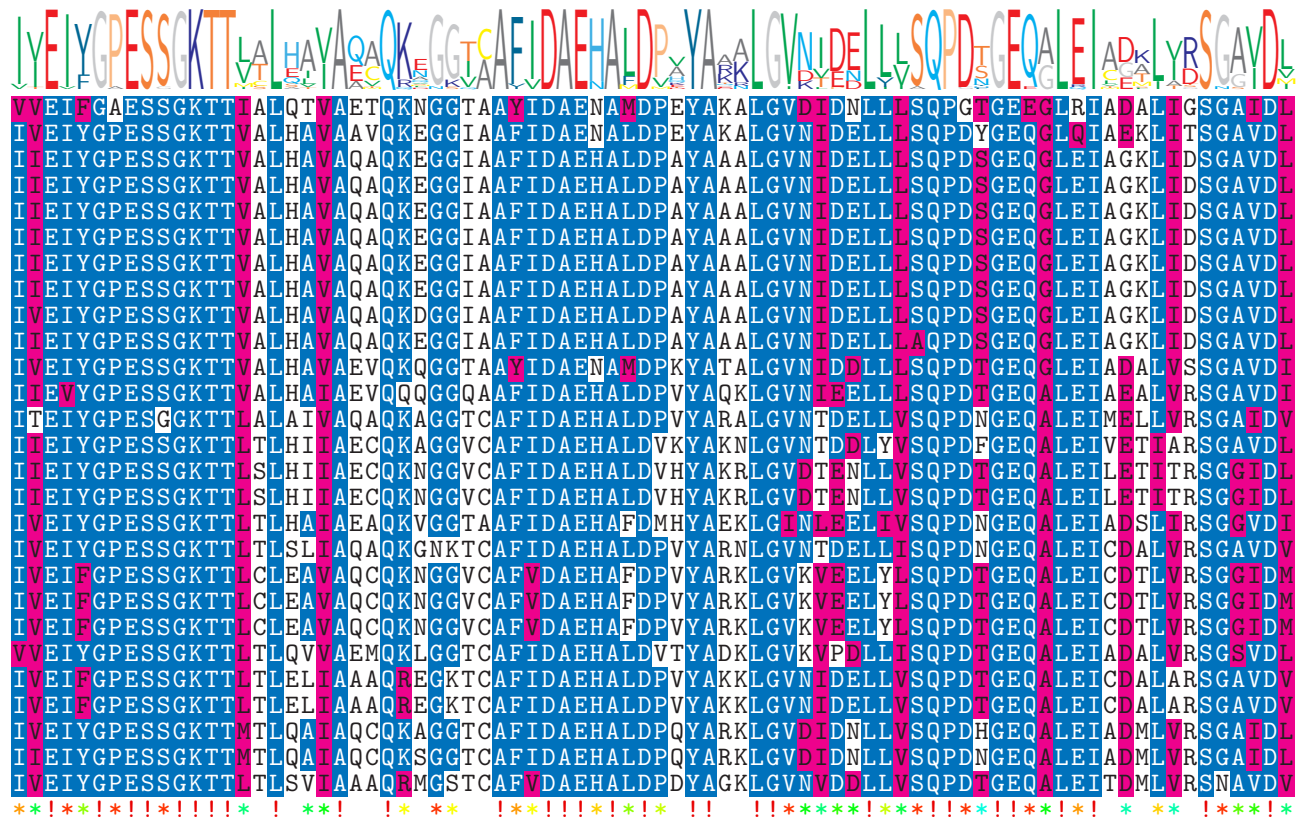


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NTDB id 1045199 ACEPSS RS03105 WP 395320096.1
 NTDB id 600 KW2 RS01765 WP 011675413.1
 NTDB id 269 KZH43 RS08665 WP 001085462.1
 NTDB id 228 SPD RS09265 WP 001085462.1
 NTDB id 194 SPR RS08825 WP 001085462.1
 NTDB id 159 SP RS09750 WP 001085462.1
 NTDB id 499 SM12261 RS08315 WP 078228268.1
 NTDB id 527 SMSK321 RS11065 WP 001085454.1
 NTDB id 408 SMU RS09530 WP 002262392.1
 NTDB id 453 Spy49 1753c ACI62003.1
 NTDB id 625 LCA RS02525 WP 011374196.1
 NTDB id 115 BSU 16940 NP 389576.2
 NTDB id 1313 DR RS12030 WP 010888966.1
 NTDB id 1245 Cj1673c YP 002345041.1
 NTDB id 1214 NCTC11637 00359 SQJ03206.1
 NTDB id 1211 C694 RS00795 WP 000963128.1
 NTDB id 1334 RAOC RS04870 WP 004918236.1
 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
 NTDB id 1165 A1552VC RS01565 WP 000344154.1
 NTDB id 1142 GTF74 RS11550 WP 000344154.1
 NTDB id 1022 ACIAD RS06390 WP 004925639.1
 NTDB id 1074 ABD1 RS10195 WP 000344167.1
 NTDB id 1205 PSJM300 05545 AFN77183.1

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NTDB id 1045199 ACEPSS RS03105 WP 395320096.1	SVRLRVSGTKQKQDGG...EVV	GKETKIKVAKNKVAPPFKT	VDTLMSFGKGI	EPVADMVNLAVDKDII	DKSGSWYSYG	301				
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NTDB id 527 SMSK321 RS11065 WP 001085454.1	SVRLDVRGSTQIKGTG.DQKDTN	VGKETKIKVVKNKVAPPFKEAFV	EIMYGEGISKT	GELLKIASDL	DIKKAGAWYSYK	311				
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NTDB id 625 LCA RS02525 WP 011374196.1	TVRLEVRRAETIKNGT...DM	IGNRARIKVVKNKVAPPFKVAEV	DIMYQG	GISRTGELVDM	AVEKDIINKSGSWYSYG	294				
NTDB id 115 BSU 16940 NP 389576.2	SVRLEVRRAEQLKQGN...DV	MGNKTKIKVVKNKVAPPFR	AEVDIMYGE	GISKEGEI	IDLGTELDIVQKSGSWYSYE	292				
NTDB id 1313 DR RS12030 WP 010888966.1	SVRLDVRKIGQ...PTKVGND	AVANTVKIKTVKNKVAAPFKE	VELALVY	GKGF	QLSDLVGLAADM	DIKKAGSFYSYG	307			
NTDB id 1245 Cj1673c YP 002345041.1	SVRLDVRKVAT...L.KQNE	EPIGNRVKIKVVKNKVAPPFR	QAEFDV	MFGE	LSREGELIDYGVKLDIVDKSGAWFSYK	294				
NTDB id 1214 NCTC11637 00359 SQJ03206.1	SVRIDIRRIAA...L.KQNE	QHIGNRAKIKVVKNKVAPPFR	EAEFD	IMFGE	GISKEGEIIDYGVKLDIVDKSGAWLSYQ	296				
NTDB id 1211 C694 RS00795 WP 000963128.1	SVRIDIRRIAS...L.KQNE	QHIGNRAKIKVVKNKVAPPFR	EAEFD	IMFGE	GISKEGEIIDYGVKLDIVDKSGAWLSYQ	296				
NTDB id 1334 RAOC RS04870 WP 004918236.1	SVRIDIRRLS	DTGKIKDKSGEVI	GNRTKIKVVKNKVAPPFKS	AEFD	IMYGE	GVSKVGEI	LDVATDL	DIQKSGSWFSYQ	307	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	SVRLDIRRCGV...V.KDG	DEIIGSETKIKVVKNKVAPPFR	EVQFD	IMYGE	GISR	MNEL	LILAEANG	FIKKSGAWFSYD	310	
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NTDB id 1427 RS RS02760 WP 011000510.1	SVRLDIRRIGS...I.KKG	DEVGNETKIKVVKNKVAPPFR	EAI	FD	ILYGA	VSREGEI	IDLGVEAK	VVEKSGAWYSYN	302	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	SVRLDIRRTGA...I.KEG	EEVGNETRIKVVKNKIAAPFKE	ANTQIMY	QGFN	REGELIDLGVKHK	MVEKSGAWYSYN	293			
NTDB id 1142 GTF74 RS11550 WP 000344154.1	SVRLDIRRTGA...I.KEG	EEVGNETRIKVVKNKIAAPFKE	ANTQIMY	QGFN	REGELIDLGVKHK	MVEKSGAWYSYN	293			
NTDB id 1022 ACIAD RS06390 WP 004925639.1	SVRLDIRRIGQ...V.KEG	DEIIGSETKIKVVKNKMAPPFR	EAI	FQ	ILY	GKVN	QLGELVDL	AVQQDIVQKAGAWYSYQ	293	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	SVRLDIRRIGQ...V.KEG	DEIIGSETKIKVVKNKMAPPFR	EAI	FQ	ILY	GKVN	QLGELVDL	AVQQDIVQKAGAWYSYQ	293	
NTDB id 1205 PSJM300 05545 AFN77183.1	SVRLDIRRTGA...V.KEG	DEVVGS	ETRVKVVKNKVAPPFR	QAEFQ	ILY	GKGI	YENGEI	IDLGV	QQGLVEKSGAWAYK	293
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NTDB id 1045199 ACEPSS RS03105 WP 395320096.1	...	368
NTDB id 600 KW2 RS01765 WP 011675413.1	...	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	IEE	388
NTDB id 228 SPD RS09265 WP 001085462.1	IEE	388
NTDB id 194 SPR RS08825 WP 001085462.1	IEE	388
NTDB id 159 SP RS09750 WP 001085462.1	IEE	388
NTDB id 499 SM12261 RS08315 WP 078228268.1	IEE	384
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEE	384
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consensus

non conserved
 similar
 ≥ 50% conserved