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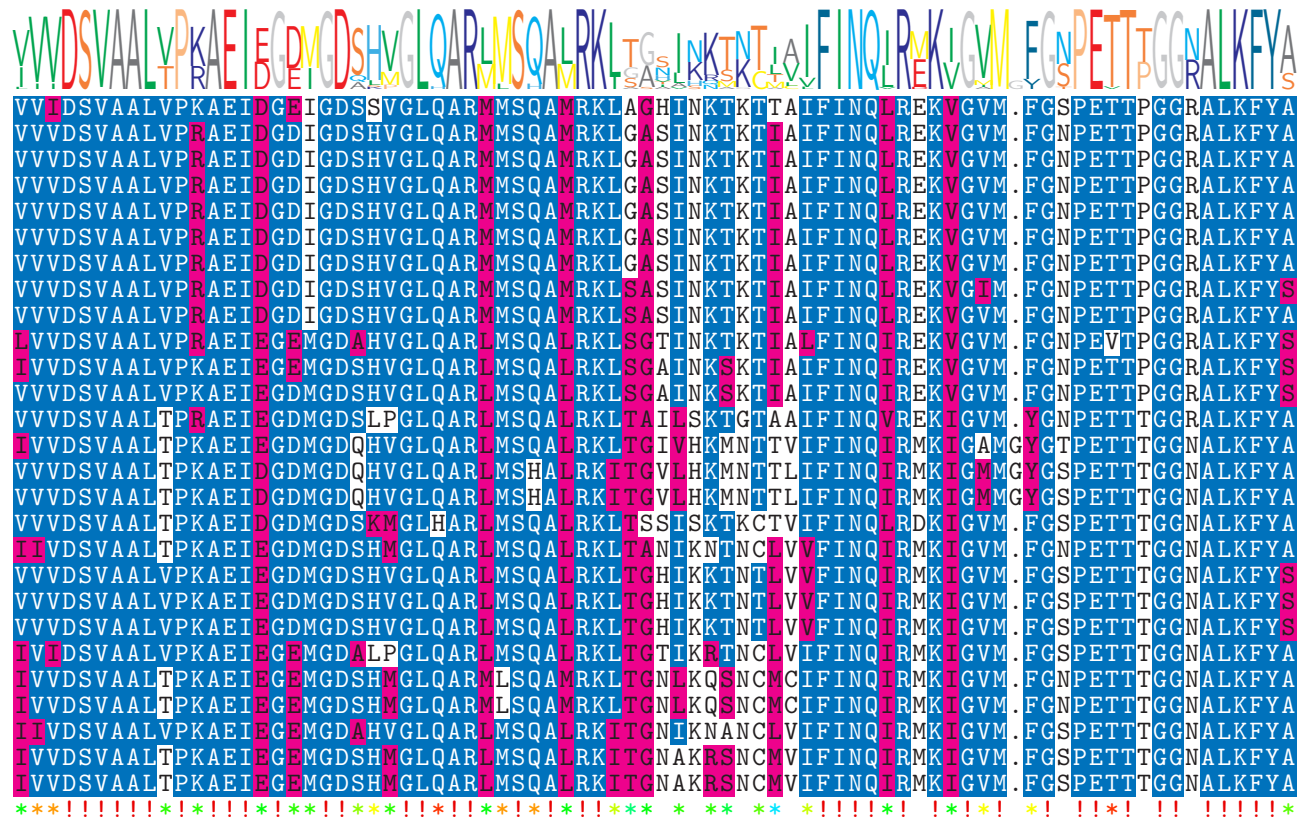
NTDB id 600	KW2	RS01765	WP 011675413.1	MATKK.....KTNFDDITKKYGA	ERDKALADALALIEKDFGKGSIMRLG	EA.ANQKVS	VSSGSLALDI	ALGAGGYPKGR	74							
NTDB id 269	KZH43	RS08665	WP 001085462.1	.MAKK.....PKKLEEISKKFGA	EREKALNDALKLIKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73								
NTDB id 228	SPD	RS09265	WP 001085462.1	.MAKK.....PKKLEEISKKFGA	EREKALNDALKLIKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73								
NTDB id 194	SPR	RS08825	WP 001085462.1	.MAKK.....PKKLEEISKKFGA	EREKALNDALKLIKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73								
NTDB id 159	SP	RS09750	WP 001085462.1	.MAKK.....PKKLEEISKKFGA	EREKALNDALKLIKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73								
NTDB id 527	SMSK321	RS11065	WP 001085454.1	.MAKK.....PKKLDEISKKFGA	EREKALNDALKLIKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73								
NTDB id 499	SM12261	RS08315	WP 078228268.1	.MAKK.....PKKLDEISKKFGA	EREKALNDALKLIKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73								
NTDB id 408	SMU	RS09530	WP 002262392.1	.MAKR.....IKKTEEITKKFGD	ERRKALDDALKNIKDFGKGAVMRLGER	.AEQKVQVMSSGSLALDI	ALGAGGYPKGR	73								
NTDB id 453	Spy49	1753c	ACI62003.1	.MAKK.....LKKNEEITKKFGD	ERRKALDDALKNIKDFGKGAVMRLGER	.AEQKVQVMSSGSLALDI	ALGAGGYPKGR	73								
NTDB id 625	LCA	RS02525	WP 011374196.1	.....MAKD	ERQAALDAALKKIEKNFGKGSIMRMGEK	.VDTQVSTVSSGSLALDEALGVGGYPRGR	60									
NTDB id 1010028	ABN702	RS09840	WP 417900503.1	.....MS	DRKAALDMALKQIEKQFGKGSIMKLG	EQ.AERKISTMPSSGSLALDV	ALGAGGYPGR	58								
NTDB id 115	BSU	16940	NP 389576.2	.....MS	DRQAALDMALKQIEKQFGKGSIMKLG	EK.TDTRISTVPSGSLALDT	ALGIGGYPGR	58								
NTDB id 1313	DR	RS12030	WP 010888966.1	.....MSKDATKEISAPTD	AKERSKATETAMSQIEKAFGKGSIMKLG	AE.SKLDVQVVSTGSLSLD	LALGVGGIPRGR	72								
NTDB id 1245	Cj1673c	YP 002345041.1	.....MDDN	KRKSLSLDAALKSLDKTFGKGTILRLGDK	.EVEQIDSI	IGTGSVGLDLALGIGGVPKGR	59									
NTDB id 1211	C694	RS00795	WP 000963128.1	.....MAIDE	DKQKAIISLAIKQIDKVFGKGALVRLGDK	.QVEKIDSI	ISTGSLGLDLALGIGGVPKGR	61								
NTDB id 1214	NCTC11637	00359	SQJ03206.1	.....MAIDE	DKQKAIISLAIKQIDKVFGKGALVRLGDK	.QVEKIDA	ISTGSLGLDLALGIGGVPKGR	61								
NTDB id 1334	RAOC	RS04870	WP 004918236.1	.....MAKT	..ETTSPNDKKKALA	AAVLEKLDKTYGKGTVMKLG	GDGTVDHNI	EVIPSGSLGLDLALGVGGYPKGR	68							
NTDB id 1389	A4U84	RS07560	WP 021112712.1	.MAENKKSSKNNTV	..VKQVEPEQKKQALEAALAQIEKQFGKGSIMKLG	QT.EQLDIES	VSTGSLGLDLALGIGGLPMGR	76								
NTDB id 1130	NGFG	RS03960	WP 003688695.1	.....MSD	DKSKALAAALAQIEKSF	GKGAIMKMDGSQ	QEENLEVI	ISTGSLGLDLALGVGGLPRGR	60							
NTDB id 1124	NGFG	RS03960	WP 003688695.1	.....MSD	DKSKALAAALAQIEKSF	GKGAIMKMDGSQ	QEENLEVI	ISTGSLGLDLALGVGGLPRGR	60							
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NTDB id 1165	A1552VC	RS01565	WP 000344154.1	.....MDEN	KQKALAAALGQIEKQFGKGSIMRLG	DN.RAMDVET	ISTGSLSLDI	ALGAGGLPMGR	59							
NTDB id 1142	GTF74	RS11550	WP 000344154.1	.....MDEN	KQKALAAALGQIEKQFGKGSIMRLG	DN.RAMDVET	ISTGSLSLDI	ALGAGGLPMGR	59							
NTDB id 1205	PSJM300	05545	AFN77183.1	.....MDEN	KKRALAAALGQIEKQFGKGA	VMRMGDH.DRQAIP	SISTGSLGLDI	ALGIGGLPKGR	59							
NTDB id 1022	ACIAD	RS06390	WP 004925639.1	.....MDDN	KSKALQAALSQIEKQFGKNTVMRLG	DN.TVQAVE	AVSTGSLTLDI	ALGIGGLPKGR	59							
NTDB id 1074	ABD1	RS10195	WP 000344167.1	.....MDEN	KSKALQAALSQIEKQFGKNTVMRLG	DN.TVQAVE	AVSTGSLTLDI	ALGIGGLPKGR	59							
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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 527 SMSK321 RS11065 WP 001085454.1  
NTDB id 499 SM12261 RS08315 WP 078228268.1  
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 1010028 ABN702 RS09840 WP 417900503.1  
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 1211 C694 RS00795 WP 000963128.1  
NTDB id 1214 NCTC11637 00359 SQJ03206.1  
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  
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NTDB id 1205 PSJM300 05545 AFN77183.1  
NTDB id 1022 ACIAD RS06390 WP 004925639.1  
NTDB id 1074 ABD1 RS10195 WP 000344167.1

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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 527 SMSK321 RS11065 WP 001085454.1	IEE	384
NTDB id 499 SM12261 RS08315 WP 078228268.1	IEE	384
NTDB id 408 SMU RS09530 WP 002262392.1	D..	383
NTDB id 453 Spy49 1753c ACI62003.1	D..	378
NTDB id 625 LCA RS02525 WP 011374196.1	...	355
NTDB id 1010028 ABN702 RS09840 WP 417900503.1	...	346
NTDB id 115 BSU 16940 NP 389576.2	...	348
NTDB id 1313 DR RS12030 WP 010888966.1	...	363
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	...	349
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consensus

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 ≥50% conserved