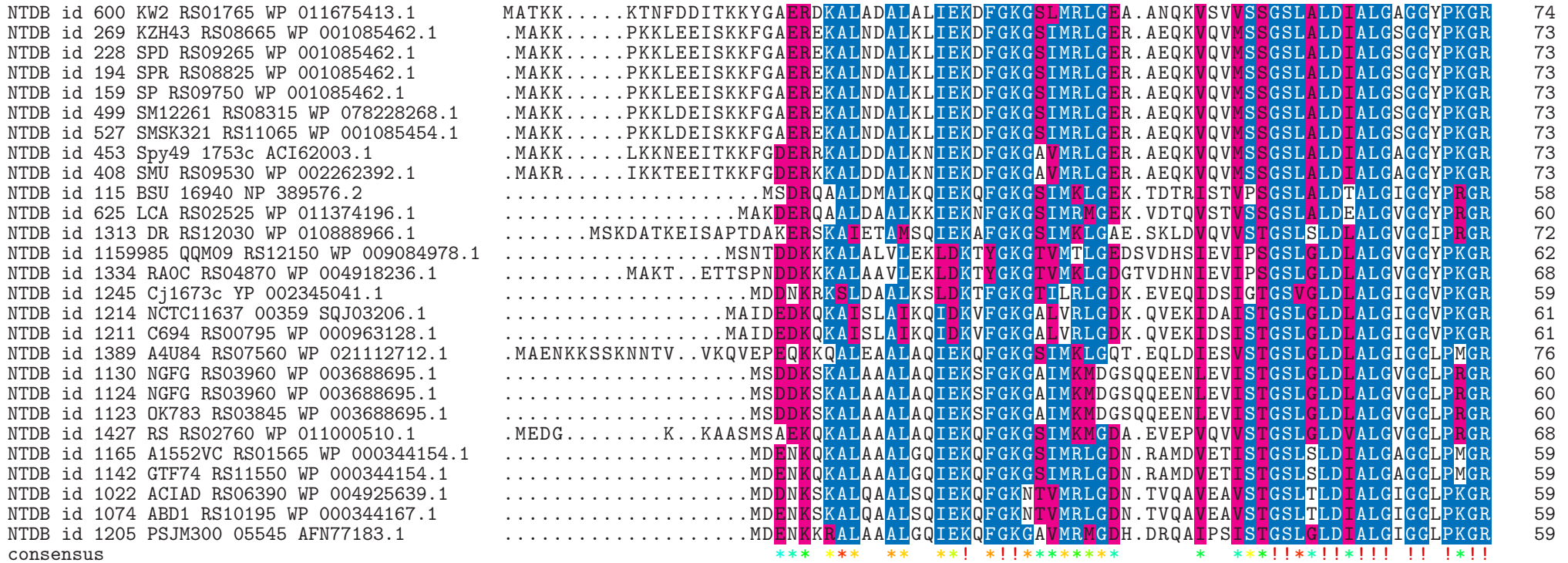


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NTDB id 600 KW2 RS01765 WP 011675413.1	SVRLDVRGSTKTEEGS.GDNKTKI	CKITKIKVVKNKVAPPFKVALVDIMF	GEGISSTGELLNIAVEEGTIKKS	SGAWFAYN	312	
NTDB id 269 KZH43 RS08665 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKFTNV	GKETKIKVVKNKVAPPFKAVVEIMY	GEGISKTGELLKIASDLDIKKA	GAWYSYK	311	
NTDB id 228 SPD RS09265 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKFTNV	GKETKIKVVKNKVAPPFKAVVEIMY	GEGISKTGELLKIASDLDIKKA	GAWYSYK	311	
NTDB id 194 SPR RS08825 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKFTNV	GKETKIKVVKNKVAPPFKAVVEIMY	GEGISKTGELLKIASDLDIKKA	GAWYSYK	311	
NTDB id 159 SP RS09750 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKFTNV	GKETKIKVVKNKVAPPFKAVVEIMY	GEGISKTGELLKIASDLDIKKA	GAWYSYK	311	
NTDB id 499 SM12261 RS08315 WP 078228268.1	SVRLDVRGNTQIKGTG.DQKFTNV	GKETKIKVVKNKVAPPFKAVVEIMY	GEGISKTGELLKIASDLDIKKA	GAWYSYK	311	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	SVRLDVRGNTQIKGTG.DQKFTNV	GKETKIKVVKNKVAPPFKAVVEIMY	GEGISKTGELLKIASDLDIKKA	GAWYSYK	311	
NTDB id 453 Spy49 1753c ACI62003.1	SVRLDVRGTTQIKGTG.DQKDSST	GKETKIKVVKNKVAPPFKVAEVEIMY	GEGISRTGELVKIASDLDIQKA	GAWFSYN	311	
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NTDB id 115 BSU 16940 NP 389576.2	SVRLEVRRAEQLKQGN.....DVM	GNKTKIKVVKNKVAPPFRTAEVDIMY	GEGISKEGETIDLGTTELDI	VQKSGSWSYE	292	
NTDB id 625 LCA RS02525 WP 011374196.1	TVRLEVRRAETIKNGT.....DMI	GNRARIKVVKNKVAPPFKVAEVDIMY	GEGISRTGELVDMAVEKDI	INKSGSWSYG	294	
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NTDB id 1334 RAOC RS04870 WP 004918236.1	SVRLDIRRSLSDTGKIKDKSGEVI	GNRTKIKVVKNKVAPPFKSAEFDIMY	GEGVSKVGEILDVATDLDI	QKSGSWFSYQ	307	
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NTDB id 1165 A1552VC RS01565 WP 000344154.1	SVRLDIRRTGAI.....KEGEEVV	GNETRIKVVKNKIAAPFKEANTQIMY	GCFNREGEIDLGVKHKM	VEKSGAWYSYN	293	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	SVRLDIRRTGAI.....KEGEEVV	GNETRIKVVKNKIAAPFKEANTQIMY	GCFNREGEIDLGVKHKM	VEKSGAWYSYN	293	
NTDB id 1022 ACIAD RS06390 WP 004925639.1	SVRLDIRRIGQV.....KEGDEII	GSETKIKVVKNKMAPPFRBAIFQILY	GKGVNQLGELVDLAVQQN	IVQKAGAWYSYQ	293	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	SVRLDIRRIGQV.....KEGDEIV	GSETKIKVVKNKMAPPFRBAIFQILY	GKGTNQLGELVDLAVQQD	IVQKAGAWYSYQ	293	
NTDB id 1205 PSJM300 05545 AFN77183.1	SVRLDIRRTGAV.....KEGEEVV	GSETRVIVVVKNKVAPPFRQAEFQILY	GKGIYRNGEIDILGVQQGL	VEKSGAWAYK	293	
consensus	*!!**!* * *	* ** *****!!*!!*!!* * *	*****!!** * ***** * *	*** ! !** **!		

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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
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consensus
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 non conserved
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 ≥ 50% conserved