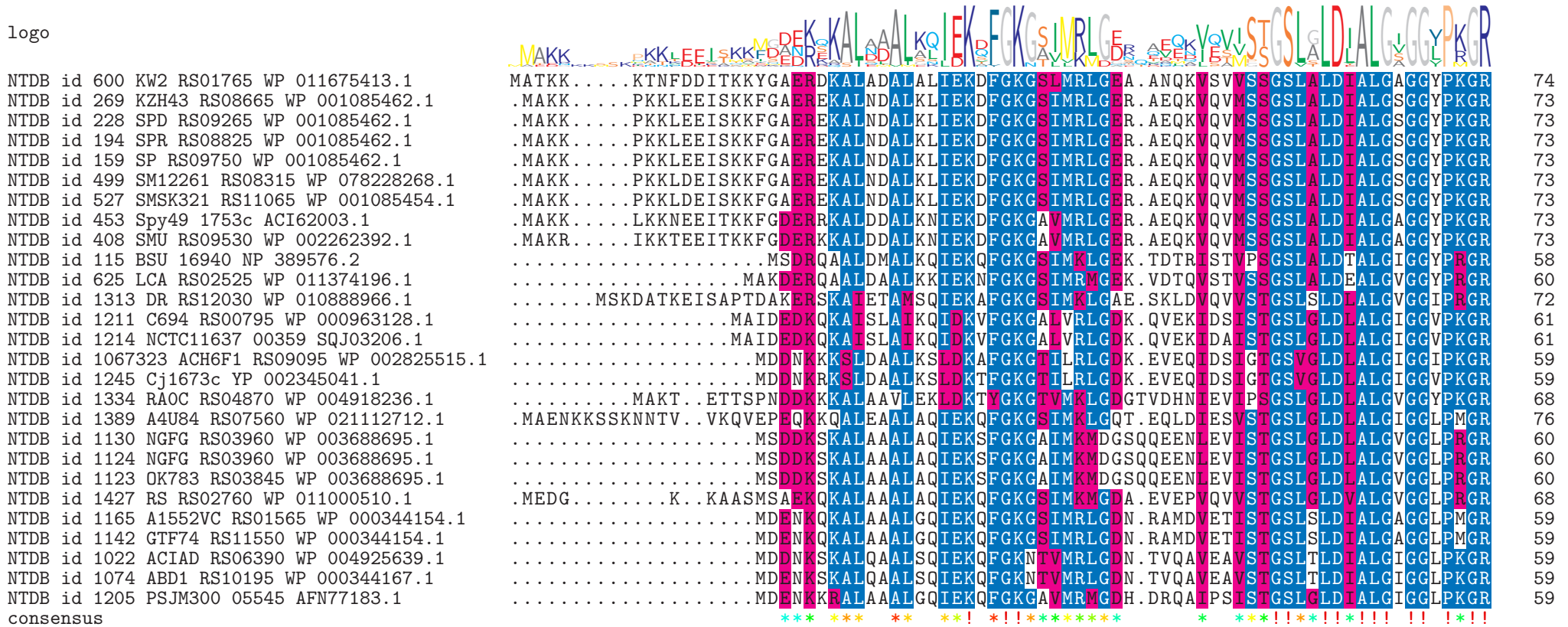


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NTDB id 600	KW2	RS01765	WP 011675413.1	DEKIGQGA	EKA	KNYL	KEHQ	DV	FDEI	DHKV	RAAH	GL	LD	DSEVA	ETEE	ET	ASKT	KAKAK	KEEK	AVET	EEIE	LELED	387																																						
NTDB id 269	KZH43	RS08665	WP 001085462.1	DEKIGQGS	ENAK	KYLA	EHPEI	FDEI	DKQV	RSKF	GL	ID	GEEV	SEQD	TENK	KDE	...	PKKEEA	..	VNEEV	PLDL	GDELE	IEIE	.....	385																																				
NTDB id 228	SPD	RS09265	WP 001085462.1	DEKIGQGS	ENAK	KYLA	EHPEI	FDEI	DKQV	RSKF	GL	ID	GEEV	SEQD	TENK	KDE	...	PKKEEA	..	VNEEV	PLDL	GDELE	IEIE	.....	385																																				
NTDB id 194	SPR	RS08825	WP 001085462.1	DEKIGQGS	ENAK	KYLA	EHPEI	FDEI	DKQV	RSKF	GL	ID	GEEV	SEQD	TENK	KDE	...	PKKEEA	..	VNEEV	PLDL	GDELE	IEIE	.....	385																																				
NTDB id 159	SP	RS09750	WP 001085462.1	DEKIGQGS	ENAK	KYLA	EHPEI	FDEI	DKQV	RSKF	GL	ID	GEEV	SEQD	TENK	KDE	...	PKKEEA	..	VNEEV	PLDL	GDELE	IEIE	.....	385																																				
NTDB id 499	SM12261	RS08315	WP 078228268.1	DEKIGQGS	ENAK	KYLAD	NPEI	FDEI	DHQR	VRVQ	FGL	ID	GEEI	AES	...	KKDE	...	AAQV	DS	..	VNEEV	TLDL	GDELE	IEIE	381																																				
NTDB id 527	SMSK321	RS11065	WP 001085454.1	DEKIGQGS	ENAK	KYLAD	NPEI	FDEI	DHQR	VRVQ	FGL	ID	GEEA	AES	...	KKDE	...	VAQV	DS	..	VNEEV	TLDL	GDELE	IEIE	381																																				
NTDB id 453	Spy49	1753c	ACI62003.1	GEKIGQGS	ENAK	RYLAD	HPQL	FDEI	DRKV	RVKF	GL	LE	ESEEE	SAMAV	ASE	.....	E	.....	TDDL	LALD	LNGIE	IEIE	.....	377																																			
NTDB id 408	SMU	RS09530	WP 002262392.1	GEKIGQGS	ENAK	FLAD	NPEI	FDDI	DHKV	RVQY	GL	IE	EDNTE	EKQSS	KEK	.....	ETDEK	..	ADKN	LVLE	LDDT	IEIE	.....	382																																				
NTDB id 115	BSU	16940	NP 389576.2	EERLGG	REN	AQFL	KENK	DI	MLMI	QEQI	REHY	GL	DN	NGVV	QQAE	ETQE	EEL	..	EFE	..	E	.....	.....	.....	348																																		
NTDB id 625	LCA	RS02525	WP 011374196.1	SERIGQG	REN	AKNYL	ADHED	VE	DEV	RLLK	VRAAY	GIS	DV	PEED	LPTTE	DE	..	QI	..	NILP	DDST	.....	EE	.....	355																																			
NTDB id 1313	DR	RS12030	WP 010888966.1	DERIGQG	KEK	TIAY	AERP	EME	QEI	RDRV	MAA	IR	AGN	AGE	APAL	APAPA	EAPE	AAE	..	A	.....	.....	.....	.....	363																																	
NTDB id 1211	C694	RS00795	WP 000963128.1	DKKLGQ	REN	A	KALL	KED	KAL	ADEI	TLK	IK	ESI	G	SNEE	I	...	MPLP	DE	..	PLE	..	EME	.....	347																																				
NTDB id 1214	NCTC11637	00359	SQJ03206.1	DKKLGQ	REN	A	KALL	KED	KAL	ADEI	TLK	IK	ESI	G	SNEE	I	...	MPLP	DE	..	PLE	..	EME	.....	347																																				
NTDB id 1067323	ACH6F1	RS09095	WP 002825515.1	DKKLGQ	REN	S	KAF	L	KEN	PEI	A	DEI	TKEI	QNSM	G	IE	GMI	...	SGSE	DE	..	EGE	..	E	343																																				
NTDB id 1245	Cj1673c	YP 002345041.1		DKKLGQ	REN	S	KAF	L	KEN	PEI	A	DEI	TKEI	QNSM	G	IE	GMI	...	SGSE	DE	..	EGE	..	E	343																																				
NTDB id 1334	RAOC	RS04870	WP 004918236.1	DTKLGQ	GRD	TV	KELI	K	NPEI	A	E	E	E	A	KI	RE	KLQ	A	.....	.....	.....	.....	.....	.....	343																															
NTDB id 1389	A4U84	RS07560	WP 021112712.1	GTKIGQG	K	NN	AVK	W	L	KEN	PEI	A	D	KLE	QEI	RNTL	A	S	N	P	N	S	...	VLKAT	ASD	SND	..	ESD	V	E	E	F	G	V	P	E	E	E	L	372																					
NTDB id 1130	NGFG	RS03960	WP 003688695.1	GAKIGQG	K	DN	VRV	W	L	KEN	PEI	S	D	E	I	A	KI	R	A	L	N	G	V	E	M	H	I	...	TEG	T	Q	E	D	E	T	D	G	E	..	R	PEE	348																		
NTDB id 1124	NGFG	RS03960	WP 003688695.1	GAKIGQG	K	DN	VRV	W	L	KEN	PEI	S	D	E	I	A	KI	R	A	L	N	G	V	E	M	H	I	...	TEG	T	Q	E	D	E	T	D	G	E	..	R	PEE	348																		
NTDB id 1123	OK783	RS03845	WP 003688695.1	GAKIGQG	K	DN	VRV	W	L	KEN	PEI	S	D	E	I	A	KI	R	A	L	N	G	V	E	M	H	I	...	TEG	T	Q	E	D	E	T	D	G	E	..	R	PEE	348																		
NTDB id 1427	RS	RS02760	WP 011000510.1	GERIGQ	GRD	N	C	R	E	F	L	R	E	N	A	E	L	A	R	E	I	E	N	K	V	R	E	H	L	G	V	T	P	M	G	...	AVT	L	A	..	E	E	V	E	..	D	352													
NTDB id 1165	A1552VC	RS01565	WP 000344154.1	GDKIGQG	K	A	N	A	C	K	Y	L	K	E	N	P	E	I	A	K	T	L	D	K	K	L	R	E	M	L	L	N	P	E	N	M	...	Q	L	I	A	E	T	S	S	A	A	D	..	D	V	E	F	G	A	V	P	E	E	F	354
NTDB id 1142	GTF74	RS11550	WP 000344154.1	GDKIGQG	K	A	N	A	C	K	Y	L	K	E	N	P	E	I	A	K	T	L	D	K	K	L	R	E	M	L	L	N	P	E	N	M	...	Q	L	I	A	E	T	S	S	A	A	D	..	D	V	E	F	G	A	V	P	E	E	F	354
NTDB id 1022	ACIAD	RS06390	WP 004925639.1	GNKIGQG	K	NN	V	I	R	Y	L	E	E	N	P	Q	I	S	T	E	I	E	A	V	I	R	E	Q	L	L	T	K	A	S	D	...	Q	T	A	..	H	D	E	T	E	..	E	P	D	L	L	..	E	S	349						
NTDB id 1074	ABD1	RS10195	WP 000344167.1	GNKIGQG	K	NN	V	I	R	Y	L	E	E	N	P	Q	I	S	T	E	I	E	A	V	I	R	E	Q	L	L	T	T	G	T	N	...	G	A	V	Q	..	I	..	E	D	E	E	..	E	P	D	L	L	..	L	E	S	349			
NTDB id 1205	PSJM300	05545	AFN77183.1	GSKIGQG	K	A	N	A	K	Y	L	E	E	N	P	E	I	G	Q	E	I	E	Q	I	R	A	K	L	L	V	T	S	A	N	...	T	K	A	T	P	V	A	E	D	L	A	..	D	A	D	I	347									

consensus

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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 499 SM12261 RS08315 WP 078228268.1	IEE	384
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEE	384
NTDB id 453 Spy49 1753c ACI62003.1	D..	378
NTDB id 408 SMU RS09530 WP 002262392.1	D..	383
NTDB id 115 BSU 16940 NP 389576.2	...	348
NTDB id 625 LCA RS02525 WP 011374196.1	...	355
NTDB id 1313 DR RS12030 WP 010888966.1	...	363
NTDB id 1211 C694 RS00795 WP 000963128.1	...	347
NTDB id 1214 NCTC11637 00359 SQJ03206.1	...	347
NTDB id 1067323 ACH6F1 RS09095 WP 002825515.1	...	343
NTDB id 1245 Cj1673c YP 002345041.1	...	343
NTDB id 1334 RAOC RS04870 WP 004918236.1	...	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	...	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	...	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	...	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	...	348
NTDB id 1427 RS RS02760 WP 011000510.1	...	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	...	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	...	354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	...	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	...	349
NTDB id 1205 PSJM300 05545 AFN77183.1	...	347

consensus

 non conserved
 similar
 ≥50% conserved