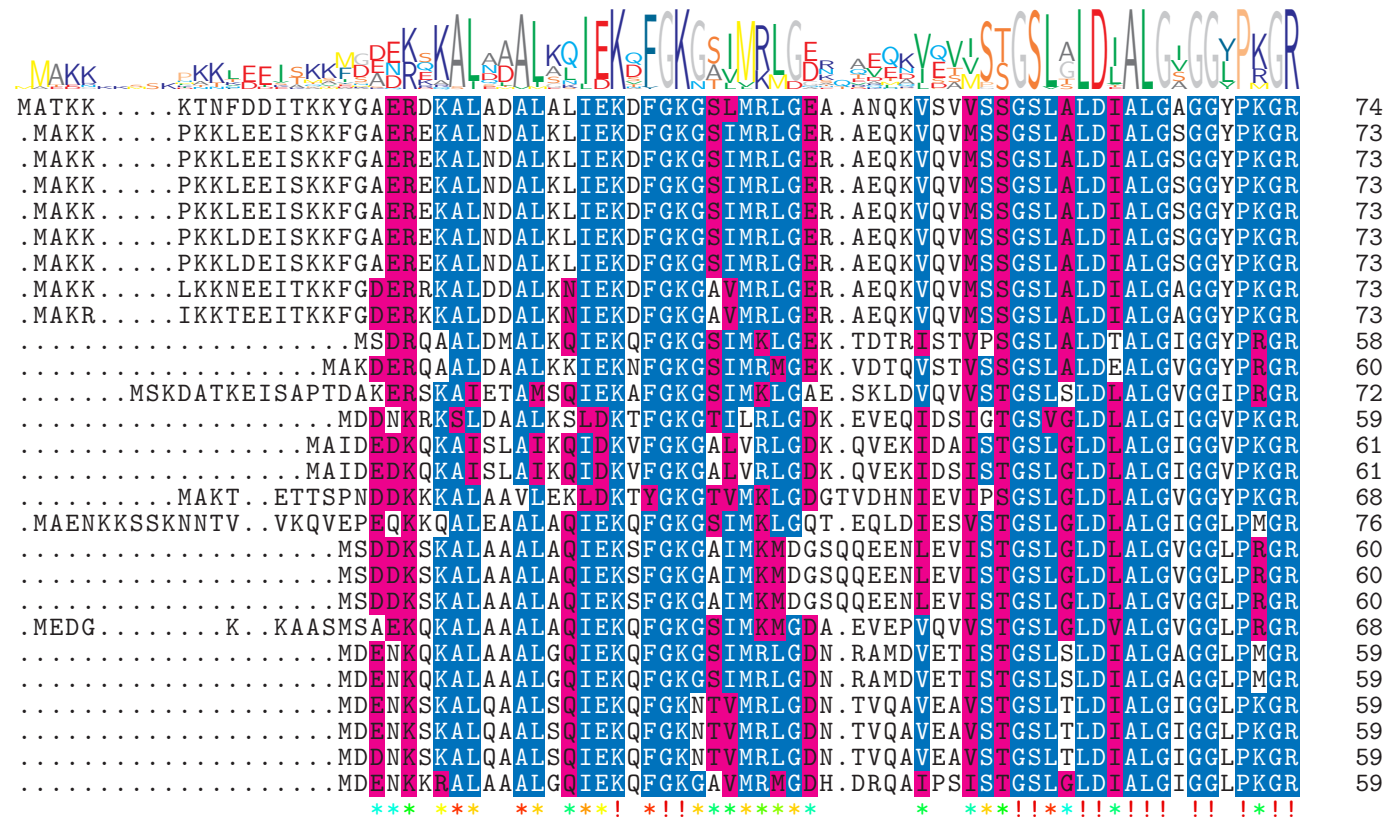


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NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

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NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

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NTDB	id	600	KW2	RS01765	WP	011675413.1	VV	IDSVAAL	V	PKAEI	D	GH	IGDSS	V	GLQAR	M	MSQAM	R	KL	G	A	S	I	N	K	T	K	T	T	A	I	F	I	N	Q	L	R	E	K	V	G	V	M	.	F	G	S	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	.	233	
NTDB	id	269	KZH43	RS08665	WP	001085462.1	VV	DSVAAL	V	RAEID	G	DI	IGDSH	V	GLQAR	M	MSQAM	R	KL	G	A	S	I	N	K	T	K	T	T	A	I	F	I	N	Q	L	R	E	K	V	G	V	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	.	232	
NTDB	id	228	SPD	RS09265	WP	001085462.1	VV	DSVAAL	V	RAEID	G	DI	IGDSH	V	GLQAR	M	MSQAM	R	KL	G	A	S	I	N	K	T	K	T	T	A	I	F	I	N	Q	L	R	E	K	V	G	V	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	.	232	
NTDB	id	194	SPR	RS08825	WP	001085462.1	VV	DSVAAL	V	RAEID	G	DI	IGDSH	V	GLQAR	M	MSQAM	R	KL	G	A	S	I	N	K	T	K	T	T	A	I	F	I	N	Q	L	R	E	K	V	G	V	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	.	232	
NTDB	id	159	SP	RS09750	WP	001085462.1	VV	DSVAAL	V	RAEID	G	DI	IGDSH	V	GLQAR	M	MSQAM	R	KL	G	A	S	I	N	K	T	K	T	T	A	I	F	I	N	Q	L	R	E	K	V	G	V	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	.	232	
NTDB	id	527	SMSK321	RS11065	WP	001085454.1	VV	DSVAAL	V	RAEID	G	DI	IGDSH	V	GLQAR	M	MSQAM	R	KL	G	A	S	I	N	K	T	K	T	T	A	I	F	I	N	Q	L	R	E	K	V	G	V	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	.	232	
NTDB	id	499	SM12261	RS08315	WP	078228268.1	VV	DSVAAL	V	RAEID	G	DI	IGDSH	V	GLQAR	M	MSQAM	R	KL	G	A	S	I	N	K	T	K	T	T	A	I	F	I	N	Q	L	R	E	K	V	G	V	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	.	232	
NTDB	id	453	Spy49	1753c	ACI62003.1	VV	DSVAAL	V	RAEID	G	DI	IGDSH	V	GLQAR	M	MSQAM	R	KL	S	A	S	I	N	K	T	K	T	T	A	I	F	I	N	Q	L	R	E	K	V	G	V	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	.	232		
NTDB	id	408	SMU	RS09530	WP	002262392.1	VV	DSVAAL	V	RAEID	G	I	IGDSH	V	GLQAR	M	MSQAM	R	KL	S	A	S	I	N	K	T	K	T	T	A	I	F	I	N	Q	L	R	E	K	V	G	T	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	S	.	232	
NTDB	id	115	BSU	16940	NP	389576.2	VV	DSVAAL	V	PKAEI	E	G	DMG	D	SHV	G	LQAR	L	MSQAL	R	KL	S	A	I	N	K	S	K	T	I	A	I	F	I	N	Q	I	R	E	K	V	G	V	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	S	.	217
NTDB	id	625	LCA	RS02525	WP	0011374196.1	L	V	DSVAAL	V	RAEID	E	G	M	G	D	A	H	V	G	L	QAR	L	MSQAL	R	KL	S	G	T	I	N	K	T	K	T	I	A	I	F	I	N	Q	I	R	E	K	V	G	M	.	F	G	N	P	E	V	T	P	G	G	R	A	L	

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NTDB id 1074 ABD1 RS10195 WP 000344167.1
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NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

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Sequence	Score
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DEKIGQGS ENAKKYLAEHPEIFDEIDKQVRSKFLIDGEEVSEQDTE.NKKDE.....PKKEEA..VNEEVPLDLGDEL	382
DEKIGQGS ENAKKYLAEHPEIFDEIDKQVRSKFLIDGEEVSEQDTE.NKKDE.....PKKEEA..VNEEVPLDLGDEL	382
DEKIGQGS ENAKKYLAEHPEIFDEIDKQVRSKFLIDGEEVSEQDTE.NKKDE.....PKKEEA..VNEEVPLDLGDEL	382
DEKIGQGS ENAKKYLAENPEVFAEIDHQVRVQFLIDGEEAAE.....SKKDE.....VAQVDS..VNEEVPLDLGDEL	378
DEKIGQGS ENAKKYLAENPEIFDEIDHQVRVQFLIDGEEIAE.....SKKDE.....AAQVDS..VNEEVPLDLGDEL	378
GEKIGQGS ENAKRYLADHPQLFDEIDRKVRVKFGLLEESEEESAMAV.ASE.....E.....TDDLALDLNGI	374
GEKIGQGS ENAKKFLADNPEIFDDIDHKVRVQYGLIEEDNTEEKQSS.KEK.....ETDEK..ADKNLVLELDDTI	379
EERLGQGR ENAKQFLKENKDIMLMIQEQUIREHYGLDNGGVVQQAAE.TQEEL.E..FE.E.....	348
SERIGQGR ENAKNYLADHEDVEDEVRLKVRAAAYGISDVPEEDLPSTE.DE.QI.N..ILPDDST.....EE.....	355
DERIGQG EKTIIAYIAERPMEQEIRDRVMAAIRAGNAGEAPALAPAPAPEAAEA	363
DKKLGGGR ENSKAFLKENPEIADEITKAIQNSMGI EGMISGS..EDDEGE..E.....	343
DKKLGGGR ENAKALLKEDKALADEITLKIKESIGSNEEIMPL..PDEPLE..EME.....	347
DKKLGGGR ENAKALLKEDKALADEITLKIKESIGSNEEIMPL..PDEPLE..EME.....	347
DTKLGGGRD TVKELIKDNPELAELEAKIREKLQAK	343
GTKIGQG KNNNAVKWLKENPEIADKLEQIRNTLASNPNSVLK..ATASDSND ESDVEEFSE.....EEL.....	372
GAKIGQGD NVRVWLKENPEISDEIDAKIRALNGVEMHITEG..TQDET.....GERPE.....E.....	348
GAKIGQGD NVRVWLKENPEISDEIDAKIRALNGVEMHITEG..TQDET.....GERPE.....E.....	348
GAKIGQGD NVRVWLKENPEISDEIDAKIRALNGVEMHITEG..TQDET.....GERPE.....E.....	348
GERIGQGRD NCREFLRENAELAREIENKVRHGLVTPMGAV..TLAEEVEED.....	352
GDKIGQG KANACKYLKENPEIAKTLDKKLREMLLNPNMQLI..AETSSAAD VFEFGAVPE.....EF.....	354
GDKIGQG KANACKYLKENPEIAKTLDKKLREMLLNPNMQLI..AETSSAAD VFEFGAVPE.....EF.....	354
GNKIGQG KNNVIRYFEENTQIAEEIERNIREQLLTTGTNGAV..Q.I.EDEEPPD..LLE.....S.....	349
GNKIGQG KNNVIRYFEENNQIAEEIERNIREQLLTTGTNGAV..Q.I.EDEEPPD..LLE.....S.....	349
GNKIGQG KNNVIRYLEENPQISTEIEAVIREQLLTKASDQTA..A.HDETEEPPD..LLES.....	349
GSKIGQG KANAAYLEENPEIQEIEQQIRAKLLVTSANTKA..TPVAEDLADAD..I.....	347

logo

			E	I	E	E	E	
NTDB id 600 KW2 RS01765 WP 011675413.1		387						
NTDB id 269 KZH43 RS08665 WP 001085462.1	EIEIEE	388						
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NTDB id 194 SPR RS08825 WP 001085462.1	EIEIEE	388						
NTDB id 159 SP RS09750 WP 001085462.1	EIEIEE	388						
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NTDB id 499 SM12261 RS08315 WP 078228268.1	EIEIEE	384						
NTDB id 453 Spy49 1753c ACI62003.1	EIED..	378						
NTDB id 408 SMU RS09530 WP 002262392.1	ELED..	383						
NTDB id 115 BSU 16940 NP 389576.2		348						
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NTDB id 1205 PSJM300 05545 AFN77183.1		347						
consensus								

-  non conserved
-  similar
-  ≥ 50% conserved