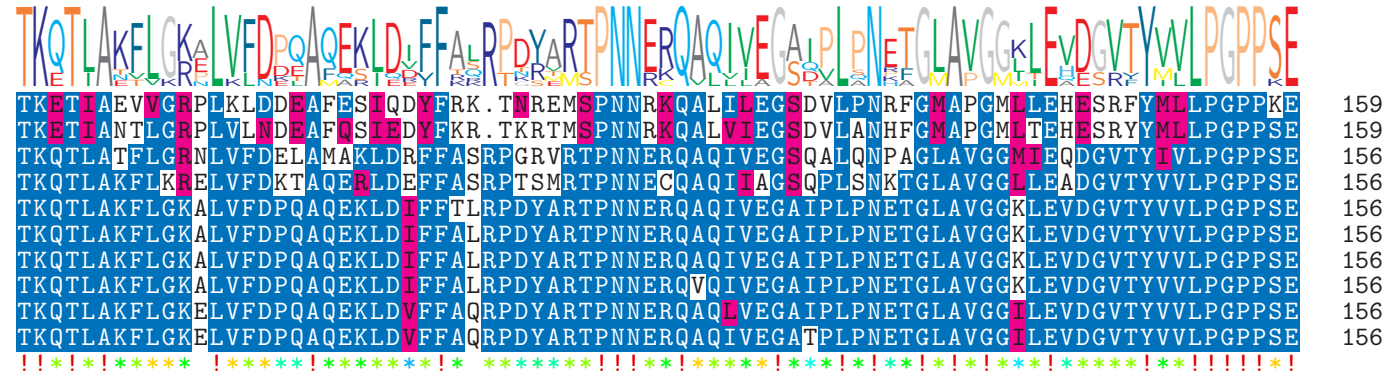


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NTDB id 994969 AAVC22 RS01265 WP 020451455.1
NTDB id 124 BSU 16930 NP 389575.2
NTDB id 462 GPW51 RS00385 WP 012774894.1
NTDB id 412 SMU RS09535 WP 002262393.1
NTDB id 170 SP RS09755 WP 000642718.1
NTDB id 280 KZH43 RS08670 WP 000642700.1
NTDB id 205 SPR RS08830 WP 000642700.1
NTDB id 239 SPD RS09270 WP 000642701.1
NTDB id 510 SM12261 RS08320 WP 000642690.1
NTDB id 538 SMSK321 RS11060 WP 000642686.1
consensus

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NTDB id 994969 AAVC22 RS01265 WP 020451455.1
NTDB id 124 BSU 16930 NP 389575.2
NTDB id 462 GPW51 RS00385 WP 012774894.1
NTDB id 412 SMU RS09535 WP 002262393.1
NTDB id 170 SP RS09755 WP 000642718.1
NTDB id 280 KZH43 RS08670 WP 000642700.1
NTDB id 205 SPR RS08830 WP 000642700.1
NTDB id 239 SPD RS09270 WP 000642701.1
NTDB id 510 SM12261 RS08320 WP 000642690.1
NTDB id 538 SMSK321 RS11060 WP 000642686.1
consensus

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NTDB id 994969 AAVC22 RS01265 WP 020451455.1	LKETE	DILENQILDCQT	FEGISLRDFCYGYGEETS	SLASIVVEELKRQ	GKTI	AAAAESL	TAGLFQATVANF	SCVSSIFKGGF	VTVS	311
NTDB id 124 BSU 16930 NP 389575.2	LKETE	EA	VILE	.....	RVGEFF	YGYD	.DTSLAEE	IAKAC	ISKMT	311
NTDB id 462 GPW51 RS00385 WP 012774894.1	LNQLEED	ILQHD	....	KLADYFY	AYGED	NSLVKTV	ATRLAEKR	QTIA	VEQGTG	308
NTDB id 412 SMU RS09535 WP 002262393.1	LDKLEKKI	ITID	....	NLADYFY	GYGEEN	SLPQV	VFLL	LKEK	GKTI	308
NTDB id 170 SP RS09755 WP 000642718.1	LDILENQIL	DCQT	FEGISLRDFCYGYGEETS	SLASIVVEELKRQ	GKTI	AAAAESL	TAGLFQATVANF	SCVSSIFKGGF	VTVS	312
NTDB id 280 KZH43 RS08670 WP 000642700.1	LDILENQIL	DCQT	FEGISLRDFCYGYGEETS	SLASIVVEELKRQ	GKTI	AAAAESL	TAGLFQATVANF	SCVSSIFEGGF	VTVS	312
NTDB id 205 SPR RS08830 WP 000642700.1	LDILENQIL	DCQT	FEGISLRDFCYGYGEETS	SLASIVVEELKRQ	GKTI	AAAAESL	TAGLFQATVANF	SCVSSIFEGGF	VTVS	312
NTDB id 239 SPD RS09270 WP 000642701.1	LDILENQIL	DCQT	FEGISLRDFCYGYGEETS	SLASIVVEELKRQ	GKTI	AAAAESL	TAGLFQATVANF	SCVSSIFEGGF	VTVS	312
NTDB id 510 SM12261 RS08320 WP 000642690.1	LDILENQIL	GRQT	FEGISLRDL	LCYGYGEETS	SLASIVVEELKRQ	GKTI	TAAESL	TAGLFQATVAD	FSGASSIFKGGF	312
NTDB id 538 SMSK321 RS11060 WP 000642686.1	LDILENQIL	GRQT	FEGISLRDL	LCYGYGEE	ASL	ASIVVEELK	RQGKTI	TAAESL	TAGLFQATVAD	312
consensus	!***!***!*	*****	*****!*	*****!!	*****	*****	*****	*****	*****	

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NTDB id 994969 AAVC22 RS01265 WP 020451455.1	NEELK	VSAAG	VAEDT	LQRY	CAVSA	QCAKEL	AAGIR	VKT	GS	DIGIS	FTGVAGP	NTQEGHP	ACK	VFIGIS	VKDQA	BEAFEF	QF	391
NTDB id 124 BSU 16930 NP 389575.2	NVVK	QNV	LGV	KKET	LD	RF	CAV	SK	ECASEL	AKGV	QKL	TGSD	DIGIS	FTGVAGP	DAQEG	HEP	CHVFIGIS	390
NTDB id 412 SMU RS09535 WP 002262393.1	LGIES	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	369
NTDB id 170 SP RS09755 WP 000642718.1	TEEK	ARM	L	GIP	FED	LQL	HGVV	SA	FTAE	KMAER	SR	QLT	QAD	LA	ISLT	GVAGP	DSLE	387
NTDB id 280 KZH43 RS08670 WP 000642700.1	LEEKSR	MLD	DIP	AKN	LEEH	GVV	SEFT	TAQ	KMAE	QARS	KTQ	SDF	GIS	LT	GVAGP	DSLE	GHPV	391
NTDB id 205 SPR RS08830 WP 000642700.1	LEEKSR	MLD	DIP	AKN	LEEH	GVV	SEFT	TAQ	KMAE	QARS	KTQ	SDF	GIS	LT	GVAGP	DSLE	GHPV	391
NTDB id 239 SPD RS09270 WP 000642701.1	LEEKSR	MLD	DIP	AKN	LEEH	GVV	SEFT	TAQ	KMAE	QARS	KTQ	SDF	GIS	LT	GVAGP	DSLE	GHPV	391
NTDB id 510 SM12261 RS08320 WP 000642690.1	LEEKSR	MLD	DIP	VKD	LEE	Q	GVV	SEFT	TAQ	KMAE	QAR	KTQ	SDF	GIS	LT	GVAGP	DSLE	391
NTDB id 538 SMSK321 RS11060 WP 000642686.1	LEEKSR	MLD	DIP	VKD	LEE	Q	GVV	SEFT	TAQ	KMAE	QARS	KTQ	SDF	GIS	LT	GVAGP	DSLE	391
consensus	*****	*	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	

logo

NTDB id 994969 AAVC22 RS01265 WP 020451455.1	AG	.SR	SAVR	KRS	AKY	GCH	L	L	K	M	E	K	....	416
NTDB id 124 BSU 16930 NP 389575.2	AG	.SR	TG	IR	KRG	AKY	GCH	L	L	K	L	L	E	416
NTDB id 462 GPW51 RS00385 WP 012774894.1	GGY	SW	QY	L	R	QL	A	C	L	Q	A	W	F	393
NTDB id 412 SMU RS09535 WP 002262393.1	GGRSR	SD	VRY	YIA	V	L	HAF	N	LVR	QT	L	L	S	418
NTDB id 170 SP RS09755 WP 000642718.1	GGRSR	AD	V	R	HIA	V	M	HAF	N	LVR	K	A	L	418
NTDB id 280 KZH43 RS08670 WP 000642700.1	GGRSR	AD	V	R	HIA	V	M	HAF	N	LVR	K	A	L	418
NTDB id 205 SPR RS08830 WP 000642700.1	GGRSR	AD	V	R	HIA	V	M	HAF	N	LVR	K	A	L	418
NTDB id 239 SPD RS09270 WP 000642701.1	GGRSR	AD	V	R	HIA	V	M	HAF	N	LVR	K	A	L	418
NTDB id 510 SM12261 RS08320 WP 000642690.1	GGRSR	AD	V	R	HIA	V	M	HAF	N	LVR	K	A	L	418
NTDB id 538 SMSK321 RS11060 WP 000642686.1	GGRSR	AD	V	R	HIA	V	M	HAF	N	LVR	K	A	L	418
consensus	*!***!*	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	

- ☒ non conserved
- ☒ similar
- ☒ ≥ 50% conserved