

[illegible]

NTDB	id	1184	GTF74	RS02335	WP	000649326.1	..	AAGFT	...RLG	TVED	MGD	GKI	VIAPT	ASG	ALGGT	IKYTFD	AGVV	SSSKIQLARD	ANGLWTC	STT.VT	SEIAPKG	.CTA	148
NTDB	id	1167	A1552VC	RS11065	WP	000649326.1	..	AAGFT	...RLG	TVED	MGD	GKI	VIAPT	ASG	ALGGT	IKYTFD	AGVV	SSSKIQLARD	ANGLWTC	STT.VT	SEIAPKG	.CTA	148
NTDB	id	1160	ABDM36	RS02330	WP	000649326.1	..	AAGFT	...RLG	TVED	MGD	GKI	VIAPT	ASG	ALGGT	IKYTFD	AGVV	SSSKIQLARD	ANGLWTC	STT.VT	SEIAPKG	.CTA	148
NTDB	id	1383	A4U84	RS08530	WP	005711781.1		GVRADK	SDVPDA	KYLKS	ISV	ASG	VITV	AGKN	IDG	YG	YTMTPK	FA		NNNITWAT	SCQGADIS	LFPANFCGQ	150
NTDB	id	367558	FHZ86	RS02345	WP	005741096.1		GIRADAA	..ASKKY	LKAI	TVKA	GVITV	TGQS	LEG	ISYTLT	ASGNA		AQGV	SWTVNCG	AQ	SDIFPAGFCA	.144	
NTDB	id	1365	NTHI	RS01955	WP	011271973.1		GIAADI	T..TAK	GYVKS	VTTSN	GA	ITVKG	ND	GTLAN	MEYIL	LQATGNA		ATG	VTWTT	CKGTD	ASLFPANFCGS	146
NTDB	id	1354	HI	Q299	AAC21963.1		GIAADI	T..TAK	GYVAS	VITQS	GG	ITVKG	ND	GTLAN	MEYIL	LQAKGNA		AG	VTWTT	CKGTD	ASLFPANFCGS	146	
consensus								***A**	*	***	*	***!	*****	!	***	*	***!	***	*	*****!	*****!	***	

NTDB	id	1184	GTF74	RS02335	WP	000649326.1	GATIN	153
NTDB	id	1167	A1552VC	RS11065	WP	000649326.1	GATIN	153
NTDB	id	1160	ABDM36	RS02330	WP	000649326.1	GATIN	153
NTDB	id	1383	A4U84	RS08530	WP	005711781.1	KATP.	154
NTDB	id	367558	FHZ86	RS02345	WP	005741096.1		144
NTDB	id	1365	NTHI	RS01955	WP	011271973.1	VTQ..	149
NTDB	id	1354	HI	0299	AAC21963.1		VTK..	149
consensus							**	

[illegible]

G A A D F T L R L G V Y K S M D C K G V I T V T G S A L G G I K Y T E L A Q W A D A N V T T T S C T V T S S I F P A G C T A
V R I G L S K D V A B A K T L A Y T T S I A P K A S I T A E N T M E I N O P K N S S S K I Q L A R A A G G L T T S C T V T S S I F P A G C T A
..AAGFT...RLGTVEDMGDKIVIAPTASGALGGTIKYTFDAGVVSSSKIQLARDANGLWTCSTT.VTSEIAPKG.CTA 148
..AAGFT...RLGTVEDMGDKIVIAPTASGALGGTIKYTFDAGVVSSSKIQLARDANGLWTCSTT.VTSEIAPKG.CTA 148
..AAGFT...RLGTVEDMGDKIVIAPTASGALGGTIKYTFDAGVVSSSKIQLARDANGLWTCSTT.VTSEIAPKG.CTA 148
GV RADKSDVPDAKYLSISVASGVITVAGKGNIDG.YGYTMTPK.FA.....NNNITWATSCQGADISLFPAFFCGQ 150
GIRADAA.ASKKYLKAITTVKAGVITVTGQGSLEG.ISYLTITASGNA.....AQGVSWTVNCG.AQSDIFFPAGFCA. 144
GIAADI.T.TAKGYVKSVTTTSNGAIVTKGDGTLAN.MEYILQATGNA.....ATGVTWTTTCKGTDASLFPAFFCGS 146
GIAADIK..TAKGYVASVITQSGETVVKNGNTLAN.MEYILQAAGNA.....AAGVTWTTCCKGTDASLFPAFFCGS 146
! * * ** * ***! * * ! *** * ! ** * *



GATIN	153
GATIN	153
GATIN	153
KATP.	154
.....	144
VTQ..	149
VTK..	149

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X	non conserved
X	similar
X	> 50% conserved