

[illegible]

```

NTDB id 1184 GTF74 RS02335 WP 000649326.1    ..AAGFT...RLGTVEDMGDKIVIAPTASGALGGTIKYTFDAGVVS SSKIQLARDANGLWTCSTT.VTSEIAPKG.CTA 148
NTDB id 1167 A1552VC RS11065 WP 000649326.1    ..AAGFT...RLGTVEDMGDKIVIAPTASGALGGTIKYTFDAGVVS SSKIQLARDANGLWTCSTT.VTSEIAPKG.CTA 148
NTDB id 1160 ABM36 RS02330 WP 000649326.1      ..AAGFT...RLGTVEDMGDKIVIAPTASGALGGTIKYTFDAGVVS SSKIQLARDANGLWTCSTT.VTSEIAPKG.CTA 148
NTDB id 1383 A4D84 RS08530 WP 005711781.1      GVRADKSDVPDAKYLKSISVASGVITVAGKGNIDG.YGYTMPKF.A.....NNNITWATSCQGADISLFPAFCCQ 150
NTDB id 307514 DYY63 RS02350 WP 005741096.1    GTRADAA..ASKKYLKAITVKA GVITVIGQSLEG.TSYTLTASGNA.....AQGVSWTVNCG.AQSDIFPAGFCA. 144
NTDB id 1365 NTHI RS01955 WP 011271973.1       GTAADIT..TAKGYVKSVTTSNGAITVKGDGTLAN.MEYILQATGNA.....ATGVTWTTCKGTDASFPAFCCS 146
NTDB id 1354 HI 0299 AAC21963.1               GTAADIK..TAKGYVASVITQSGGITVKGNGTLAN.MEYILQAAGNA.....AGVTWTTCKGTDASFPAFCCS 146
consensus   ***! * *          ***          * *** ! *** ! *** *          ****!* **          ****!!**! *

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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	307514	DYY63	RS02350	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]

GATIN

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

-  non conserved
-  similar
-  >50% conserved