```
logo

NTDB id 1126371 E0F40 RS10010 WP 000413382.1   MEKLNALRKQKIRAVILLEAVVALAIFASIATLLLGQIQKNRQEEAKILQKEEVLRVAKMALQTGQNQVSINGVEIQVFS   80
NTDB id 274 KZH43 RS09245 WP 000413382.1       MEKLNALRKQKIRAVILLEAVVALAIFASIATLLLGQIQKNRQEEAKILQKEEVLRVAKMALQTGQNQVSINGVEIQVFS   80
NTDB id 233 SPD RS09875 WP 000413382.1         MEKLNALRKQKIRAVILLEAVVALAIFASIATLLLGQIQKNRQEEAKILQKEEVLRVAKMALQTGQNQVSINGVEIQVFS   80
NTDB id 199 SPR RS09410 WP 000413382.1         MEKLNALRKQKIRAVILLEAVVALAIFASIATLLLGQIQKNRQEEAKILQKEEVLRVAKMALQTGQNQVSINGVEIQVFS   80
NTDB id 164 SP RS10360 WP 000413382.1          MEKLNALRKQKIRAVILLEAVVALAIFASIATLLLGQIQKNRQEEAKILQKEEVLRVAKMALQTGQNQVSINGVEIQVFS   80
NTDB id 504 SM12261 RS00965 WP 045597458.1     MEKLNALRKQKIRAVILLEAVVALAIFASIATLLLGQIQKNRQEEAKILQKEEILRVAKMALQTGQNQVNINGVEIQVFS   80
NTDB id 532 SMSK321 RS09220 WP 255262223.1     MEKLNALRKQKIRAVILLEAVVALAIFASIATLLLGQIQKNRQEEAKILQKEEILRVAKMALQTGQNQVKINGVEIQVFS   80
NTDB id 398 FSA28 RS09385 WP 002263439.1       ...MVSIKKQKVKAYILLESLVALGLFVTITTLILTQLSHYQERTAKNLQKQEILNLAIMALQTQQDHLSFNGVSVTVVK   77
NTDB id 389 SMU RS09015 WP 002263439.1         ...MVSIKKQKVKAYILLESLVALGLFVTITTLILTQLSHYQERTAKNLQKQEILNLAIMALQTQQDHLSFNGVSVTVVK   77
consensus                                      ********!!!**!*!!!!**!!!**!**!*!!*!*!********!!*!!!*!*!**!*!!!!!*!*****!!!***!**
```

```
logo

NTDB id 1126371 E0F40 RS10010 WP 000413382.1   SEKGLEVYHGSEQLLAIKEP   100
NTDB id 274 KZH43 RS09245 WP 000413382.1       SEKGLEVYHGSEQLLAIKEP   100
NTDB id 233 SPD RS09875 WP 000413382.1         SEKGLEVYHGSEQLLAIKEP   100
NTDB id 199 SPR RS09410 WP 000413382.1         SEKGLEVYHGSEQLLAIKEP   100
NTDB id 164 SP RS10360 WP 000413382.1          SEKGLEVYHGSEQLLAIKEP   100
NTDB id 504 SM12261 RS00965 WP 045597458.1     SEKGLEVYHGSEQLLAIKEP   100
NTDB id 532 SMSK321 RS09220 WP 255262223.1     SEKGLEVYHGSEQLLAIKEP   100
NTDB id 398 FSA28 RS09385 WP 002263439.1       NQGETIVYHDHEEVINLVKK    97
NTDB id 389 SMU RS09015 WP 002263439.1         NQGETIVYHDHEEVINLVKK    97
consensus                                      ******!!!**!********
```

X non conserved
X similar
X $\geq$ 50% conserved