logo

```
NTDB id 1357 HI 0296 AAC21960.1                  MIYFTMFLLGGILGIALWFYLSGFITRLQQNIYAIYVELFPQNRSPFQPHFASIQQKKCGHILRYFFSIGVGFIFLQIAF   80
NTDB id 1126749 FGK83 RS03700 WP 105877453.1     MIYFIMFLLGGILGIALWFYLSGFITHLQQEIYATYVELFPQNSSPFQPHFASIQQKKCGHILRYFLSVGVGFIFLQIAF   80
NTDB id 1368 NTHI RS01940 WP 011271970.1         MIYFTMFLLGGILGIALWFYLSGFITHLQQEIYATYVELFPQNSSPFQPHFASIQQKKCGHILRYFFSIGVGFIFLQIAF   80
consensus                                        !!!!*!!!!!!!!!!!!!!!!!!!!!*!!!*!!!*!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!*!*!!!!!!!!!!!
```

logo

```
NTDB id 1357 HI 0296 AAC21960.1                  KDSIFTVWIGLTLIILWTISYLDWHYQLISTTPCLWLLTLGLFGADNNFSLLTLSESIKSAASFFIVFYVIYWLAKFYYG   160
NTDB id 1126749 FGK83 RS03700 WP 105877453.1     KDSIFTVWIGLTLIILWTISYLDWHYQLISTTPCLWLLTLGLFGADNNFSLLTLSESIKSAASFFIVFYAIYWIAKCYYR   160
NTDB id 1368 NTHI RS01940 WP 011271970.1         KDSIFTVWIGLTLIILWTISYLDWHYQLISTTPCLWLLTLGLFGADNNFSLLTLSESIKSAASFFIVFYAIYWIAKCYYR   160
consensus                                        !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!*!!*!!*
```

logo

```
NTDB id 1357 HI 0296 AAC21960.1                  KEAFGRGDYWLAMALGSFIHLETLPHFLLLASVLGICFSLIHRKKKEFLPFAPFMNLSAVIIYFVKYYGY   230
NTDB id 1126749 FGK83 RS03700 WP 105877453.1     KEAFGRGDYWLAMALGSFIRLETLPHFLLLASVLGICFSLIHKKKKEFIPFAPFMNLSAVIIYFVKYYGY   230
NTDB id 1368 NTHI RS01940 WP 011271970.1         KEAFGRGDYWLAMALGSFIHLETLPHFLLLASVLGICFSLIHKKKKEFIPFAPFMNLSAIIIYLVKYYGY   230
consensus                                        !!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!*!!!!!*!!!!!!!!!!*!!!*!!!!!!
```

X non conserved
X similar
X ≥ 50% conserved