```
logo

NTDB id 23959 STR RS02365 WP 011226924.1   MSDNRCHLEEKYTWDLTTIFATDADWETEYESIVQDLKKASSFAGHLLDSAKNLLEATELYMSLMRRLEKIYVYASMKNDQDTTV   85
NTDB id 480 HSISS4 RS02090 WP 002890133.1  MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASMKNDQDTTV   85
consensus                                  !!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!! *!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 23959 STR RS02365 WP 011226924.1   GLYQEYNAKASNLYSQLSEAFAYFEPEFMALEAEKLVSFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLAAAGDIFNGPTDT   170
NTDB id 480 HSISS4 RS02090 WP 002890133.1  GLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLAAAGDIFNGPTDT   170
consensus                                  !!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!*  !!  !!!!!!!!!!!!!!!!!!!!
```

```
logo                                                  KGVHLS
NTDB id 23959 STR RS02365 WP 011226924.1              KGVHLS   601
NTDB id 480 HSISS4 RS02090 WP 002890133.1             KGVHLS   601
consensus                                             !!!!!!
```

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