logo

```
NTDB id 1301 VF RS04680 WP 011261559.1      MTGTGDVNLKIKEIEMSHLEERFFNFVKKLGRFNKRSMFGGVGLFNEDAMFSLVTDGRLYVRGGGEVDARFEELGCERFK   80
NTDB id 1182 VC RS05655 WP 001005366.1      .................MNEQQFFDYVTKFGAYQKRSMFGGIGLFQHDAMYVLVSEDRIFVRGGEELDPELLALGCEKYR   63
NTDB id 1181 GTF75 RS08345 WP 001005366.1   .................MNEQQFFDYVTKFGAYQKRSMFGGIGLFQHDAMYVLVSEDRIFVRGGEELDPELLALGCEKYR   63
NTDB id 1180 GTF71 RS08330 WP 001005366.1   .................MNEQQFFDYVTKFGAYQKRSMFGGIGLFQHDAMYVLVSEDRIFVRGGEELDPELLALGCEKYR   63
NTDB id 1179 GTF74 RS08650 WP 001005366.1   .................MNEQQFFDYVTKFGAYQKRSMFGGIGLFQHDAMYVLVSEDRIFVRGGEELDPELLALGCEKYR   63
NTDB id 1144 A1552VC RS04550 WP 001005366.1 .................MNEQQFFDYVTKFGAYQKRSMFGGIGLFQHDAMYVLVSEDRIFVRGGEELDPELLALGCEKYR   63
NTDB id 408599 GPY16 RS08905 WP 011080649.1 ...............MDMTEQAFFDYINQFGDFQKRSMFGGIGLFAEDAMFALVSNGCYYLRGGDSLDDTFCQLGCEKYR   65
NTDB id 1393 DSB67 RS06270 WP 005428539.1   ...............MDMTDQAFFNYVSNFSEYQKRSMFGGIGLFSNDAMFALVSNDCCYLRGGNGLDEEFTQLNCEKYK   65
NTDB id 1289 VP RS06025 WP 005459593.1      ...............MDMTDQAFFKYVRNFNEYQKRSMFGGIGLFSDDAMFALVSNDCCYLRGGNGLDEEFTLLNCEKYK   65
consensus                                   *****!!**********!!!!!!!!*!!!**!!!**!!********!!!***!*****!*!!***
```

logo

```
NTDB id 1301 VF RS04680 WP 011261559.1      HVKKTTIATVNYYFDVTELFEKKPASLLSIVQEAMENSRLEREFKKSSKENRRLRDLPNMQLTLERMVKKAGVPDVDSFLEI  160
NTDB id 1182 VC RS05655 WP 001005366.1      HVKKQTTATVNYYDITELYEQHHPELDSIIERSIQFSVNQREFQRSAASRRLRDLPNMQLTLERMVKKAGIDDVETFMSL  143
NTDB id 1181 GTF75 RS08345 WP 001005366.1   HVKKQTTATVNYYDITELYEQHHPELDSIIERSIQFSVNQREFQRSAASRRLRDLPNMQLTLERMVKKAGIDDVETFMSL  143
NTDB id 1180 GTF71 RS08330 WP 001005366.1   HVKKQTTATVNYYDITELYEQHHPELDSIIERSIQFSVNQREFQRSAASRRLRDLPNMQLTLERMVKKAGIDDVETFMSL  143
NTDB id 1179 GTF74 RS08650 WP 001005366.1   HVKKQTTATVNYYDITELYEQHHPELDSIIERSIQFSVNQREFQRSAASRRLRDLPNMQLTLERMVKKAGIDDVETFMSL  143
NTDB id 1144 A1552VC RS04550 WP 001005366.1 HVKKQTTATVNYYDITELYEQHHPELDSIIERSIQFSVNQREFQRSAASRRLRDLPNMQLTLERMVKKAGIDDVETFMSL  143
NTDB id 408599 GPY16 RS08905 WP 011080649.1 HVKKQTTATVNYYEVSNLLDNRDGQLDRLVKQSIACSVKQRNFQKSSASRRLRDLPNMQLTLERMVKKAGIDDVETFMEL  145
NTDB id 1393 DSB67 RS06270 WP 005428539.1   HVKKQTTATVNYYDVTELFDSGFAGLDELLQKSINCSIKERKYQKSSASRRLRDLPNMQLTLERMVKKAGIDDVDTFLEL  145
NTDB id 1289 VP RS06025 WP 005459593.1      HVKKQTTATVNYYDVTDLFESGFTGLDDLLRKSIDCSIKERKYQKSSASKRLRDLPNMQLTLERMVKKAGIDDVETFLEL  145
consensus                                   !!!!*!*!!!!!******!********!**********!***!****!****!!!!!!!!!!!!!!!!!!!!!**!!**!***
```

logo

```
NTDB id 1301 VF RS04680 WP 011261559.1      GAVDVFKKVNHTYGGDVDVKLLWKFAGAESGVHWTLLQEPAKQALLQQV...   209
NTDB id 1182 VC RS05655 WP 001005366.1      GAPEVFNKVRQAYGSDVDVKLLWKFAGAIEGIHWKLLQEPRKRQLLESCQQR   195
NTDB id 1181 GTF75 RS08345 WP 001005366.1   GAPEVFNKVRQAYGSDVDVKLLWKFAGAIEGIHWKLLQEPRKRQLLESCQQR   195
NTDB id 1180 GTF71 RS08330 WP 001005366.1   GAPEVFNKVRQAYGSDVDVKLLWKFAGAIEGIHWKLLQEPRKRQLLESCQQR   195
NTDB id 1179 GTF74 RS08650 WP 001005366.1   GAPEVFNKVRQAYGSDVDVKLLWKFAGAIEGIHWKLLQEPRKRQLLESCQQR   195
NTDB id 1144 A1552VC RS04550 WP 001005366.1 GAPEVFNKVRQAYGSDVDVKLLWKFAGAIEGIHWKLLQEPRKRQLLESCQQR   195
NTDB id 408599 GPY16 RS08905 WP 011080649.1 GAIEVFNRVKQAYGNDVDVKLLWKFAGAVEGIHWKLLQEPRRKQLLAACC..   195
NTDB id 1393 DSB67 RS06270 WP 005428539.1   GPVEVFNKVRVAYGSDVDVKLLWKFAGAIDGIHWKLIQEPRKKQLLAMCE..   195
NTDB id 1289 VP RS06025 WP 005459593.1      GPVEVFNKVRVAYGNDVDVKLLWKFAGAIDGVHWKLIQEPRKKQLLALCE..   195
consensus                                   !***!!**!***!!*!!!!!!!!!!!!!!**!*!!*!*!!!****!!******
```

X non conserved
X similar
X ≥ 50% conserved