logo



```
NTDB id 1301 VF RS04680 WP 011261559.1       MTGTGDVNLKIKEIEMSHLEERFFNFVKKLGRFNKRSMFGGVGLFNEDAMFSLVTDGRLYVRGGGEVDARFEELGCERFK   80
NTDB id 159196 AP033 RS08770 WP 001005366.1  ................MNEQQFFDYVTKFGAYQKRSMFGGIGLFQHDAMYVLVSEDRIFVRGGEELDPELLALGCEKYR   63
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 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       HVKKTTIATVNYFDVTELFEKKPASLLSIVQEAMENSRLEREFKKSKENRRLRDLPNMQLTLERMVKKAGVPDVDSFLEI  160
NTDB id 159196 AP033 RS08770 WP 001005366.1  HVKKQTTATVNYYDITELYEQHHPELDSIIERSIQFSVNQREFQRSAASRRLRDLPNMQLTLERMVKKAGIDDVETFMSL  143
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 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 159196 AP033 RS08770 WP 001005366.1  GAPEVFNKVRQAYGSDVDVKLLWKFAGAIEGIHWKLLQEPRKRQLLESCQQR   195
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 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