```
logo

NTDB id 1130445 STHERMO RS05480 WP 011681204.1  MTSELGFKYSILASGSTGNSFYLETPEKKILVDAGLSGKKITSLLAEIDRDPSDLDAILVTHEHKDHIHGVGVLARKYGM   80
NTDB id 383 SMU RS06875 WP 002262928.1          .MTETGFRYSILASGSSGNSFYLETPQKRILIDAGLSGKKISQLMAEIDRKVDDVDAILVTHEHKDHIHGVGVLARKYGL   79
consensus                                       * *! !!*!!!!!!!!*!!!!!!!!! !*!!*!!!!!!!!!* !*!!!!! * !*!!!!!!!!!!!!!!!!!!!!!!!!!*

logo

NTDB id 1130445 STHERMO RS05480 WP 011681204.1  DIYANEKTWQIMDSKNMLGKVDNSQKHIFSRGKLLTFGDIDIESFGVSHDAIDPQFYRFMKDGKSFVMLTDTGYVSDRMA   160
NTDB id 383 SMU RS06875 WP 002262928.1          DVYANAATWQAMD..GMIGKIDVSQKHIFDLGKTITFGDIDIESFGVSHDAAQPQFYRLMKDGKSFVILTDTGYVSDRMA   157
consensus                                       !*!!!  !!! !!** !*!!*! !!!!!!  !! *!!!!!!!!!!!!!!!!  !!!!! !!!!!!!!*!!!!!!!!!!!!

logo

NTDB id 1130445 STHERMO RS05480 WP 011681204.1  GLIENADGYLIESNHDIEILRAGSYPWSTKQRILSDQGHLCNEDGADAMIRTIGNKTKKIYLGHLSKENNIKELAYMTME   240
NTDB id 383 SMU RS06875 WP 002262928.1          DLIENADGYLIESNHDIEILRSGIYPWSLKQRILSDKGHLSNDDGAETMVRTLGNKTKKIYLGHLSKENNVKELAHMTMK   237
consensus                                        !!!!!!!!!!!!!!!!!!!!! ! !!!! !!!!!!! !!!*!*!!!* !*!!*!!!!!!!!!!!!!!!!!*!!!!*!!!

logo

NTDB id 1130445 STHERMO RS05480 WP 011681204.1  NQLARADFGVGTDFKIFGTSPDTATPLTDI   270
NTDB id 383 SMU RS06875 WP 002262928.1          NALMQADLAVDHDFKIYDTSPDTALPLAKI   267
consensus                                       ! !  !! *! *!!!!* !!!!!! !!  !
```

X non conserved

X similar

X $\geq$ 50% conserved