```
logo
NTDB id 1159 ABDM36 RS04765 WP 001166105.1   ........................MQIKTK.IVTLFLSLCLPTLPLLANAEETAPAAQVEEGIVITVNINTASAEELAT   54
NTDB id 1150 A1552VC RS08580 WP 001166105.1  ........................MQIKTK.IVTLFLSLCLPTLPLLANAEETAPAAQVEEGIVITVNINTASAEELAT   54
NTDB id 1242 Cj0011c YP 002343483.1          ..............................MKKLLFLFFAL................TAFLFGAVNINTATLKELKS   31
NTDB id 310560 D0T92 RS08450 WP 151051958.1 ..............................MKRYLLGIWAAL..............SVTMAAAAVNINTAGAEELAE   33
NTDB id 1127 NGFG RS10560 WP 003703428.1     MSRGGATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLF..............SCAFSLAAVNINAASQQELEA   65
NTDB id 1126 NGFG RS09375 WP 003703428.1     MSRGGATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLF..............SCAFSLAAVNINAASQQELEA   65
NTDB id 1125 NGFG RS07215 WP 003703428.1     MSRGGATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLF..............SCAFSLAAVNINAASQQELEA   65
NTDB id 1108 NGFG RS06525 WP 003703428.1     MSRGGATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLF..............SCAFSLAAVNINAASQQELEA   65
consensus                                                   ** * ***********                * ** ***!!!! !*  !!

logo
NTDB id 1159 ABDM36 RS04765 WP 001166105.1   LLKGIGLKKAQAIVDYREANGPFTHIDDLTNVKGIGEATVRNNAARILL...................   103
NTDB id 1150 A1552VC RS08580 WP 001166105.1  LLKGIGLKKAQAIVDYREANGPFTHIDDLTNVKGIGEATVRNNAARILL...................   103
NTDB id 1242 Cj0011c YP 002343483.1          .LNGIGEAKAKAILEYRKE.ANFTSIDDLKKVKGIGDKLFEKIKNDITIE.................    79
NTDB id 310560 D0T92 RS08450 WP 151051958.1 .LPGIGPSKAAAIVAYRDENGAFKSVAELKNVKGIGDGILAKVREEAVTADNAANA.NKKAKPALKK    98
NTDB id 1127 NGFG RS10560 WP 003703428.1     .LPGIGPAKAKAIAEYRAQNGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAPAPKGPAKPVLPAVKK   131
NTDB id 1126 NGFG RS09375 WP 003703428.1     .LPGIGPAKAKAIAEYRAQNGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAPAPKGPAKPVLPAVKK   131
NTDB id 1125 NGFG RS07215 WP 003703428.1     .LPGIGPAKAKAIAEYRAQNGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAPAPKGPAKPVLPAVKK   131
NTDB id 1108 NGFG RS06525 WP 003703428.1     .LPGIGPAKAKAIAEYRAQNGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAPAPKGPAKPVLPAVKK   131
consensus                                     !*!!!**!!*!! *!!  ***!*****! *!!!!! ******** ****  *  *  *   *****
```

X non conserved

X similar

X $\geq$ 50% conserved