

logo

NTDB id 38 MW RS08220 WP 001566670.1
NTDB id 225490 B7474 RS02450 WP 025174327.1
NTDB id 22 SA RS07995 WP 001557362.1
consensus



80
80
80

logo

NTDB id 38 MW RS08220 WP 001566670.1
NTDB id 225490 B7474 RS02450 WP 025174327.1
NTDB id 22 SA RS07995 WP 001557362.1
consensus



160
160
160

logo

NTDB id 38 MW RS08220 WP 001566670.1
NTDB id 225490 B7474 RS02450 WP 025174327.1
NTDB id 22 SA RS07995 WP 001557362.1
consensus



240
240
240

logo

NTDB id 38 MW RS08220 WP 001566670.1
NTDB id 225490 B7474 RS02450 WP 025174327.1
NTDB id 22 SA RS07995 WP 001557362.1
consensus



320
320
320

logo

NTDB id 38 MW RS08220 WP 001566670.1
NTDB id 225490 B7474 RS02450 WP 025174327.1
NTDB id 22 SA RS07995 WP 001557362.1
consensus



400
400
400

logo

NTDB id 38 MW RS08220 WP 001566670.1
NTDB id 225490 B7474 RS02450 WP 025174327.1
NTDB id 22 SA RS07995 WP 001557362.1
consensus



480
480
480

logo

NTDB id 38 MW RS08220 WP 001566670.1
NTDB id 225490 B7474 RS02450 WP 025174327.1
NTDB id 22 SA RS07995 WP 001557362.1
consensus

LYEGGKNQNVLIDTGGKVIDDTKQPSYSISKYHILPTLNERNIGINELEYLILTHPHNDHIGVEEYIISHIKIKHIVLYNKG
LYEGGKNQNVLIDTGGKVIDDTKQPSYSISKYHILPTLNERNIGINELEYLILTHPHNDHIGVEEYIISHIKIKHIVLYNKG
LYEGGKNQNVLIDTGGKVIDDTKQPSYSISKYHILPTLNERNIGINELEYLILTHPHNDHIGVEEYIISHIKIKHIVLYNKG
LYEGGKNQNVLIDTGGKVIDDTKQPSYSISKYHILPTLNERNIGINELEYLILTHPHNDHIGVEEYIISHIKIKHIVLYNKG

560
560
560

logo

NTDB id 38 MW RS08220 WP 001566670.1
NTDB id 225490 B7474 RS02450 WP 025174327.1
NTDB id 22 SA RS07995 WP 001557362.1
consensus

YSSNTMLLSKLSHKYNIKLMDVRQVSSFKLGSSSFLFFDSFIPNSRDKNEYSIITMTITYQNKVKLLMGDASKNNESLLL
YSSNTMLLSKLSHKYNIKLMDVRQVSSFKLGSSSFLFFDSFIPNSRDKNEYSIITMTITYQNKVKLLMGDASKNNESLLL
YSSNTMLLSKLSHKYNIKLMDVRQVSSFKLGSSSFLFFDSFIPNSRDKNEYSIITMTITYQNKVKLLMGDASKNNESLLL
YSSNTMLLSKLSHKYNIKLMDVRQVSSFKLGSSSFLFFDSFIPNSRDKNEYSIITMTITYQNKVKLLMGDASKNNESLLL

640
640
640

logo

```
NTDB id 38 MW RS08220 WP 001566670.1
NTDB id 225490 B7474 RS02450 WP 025174327.1
NTDB id 22 SA RS07995 WP 001557362.1
consensus
```

KKYNLPEIDILKVGHHGSKTSSSKEFIEMIKPKISLISSGKNMNYHLPNIEVVKRLQRIIRSRIYNSQQNGQVTIDLDDNL
 KKYNLPEIDILKVGHHGSKTSSSKEFIEMIKPKISLISSGKNMNYHLPNIEVVKRLQRIIRSRIYNSQQNGQVTIDLDDNL
 KKYNLPEIDILKVGHHGSKTSSSKEFIEMIKPKISLISSGKNMNYHLPNIEVVKRLQRIIRSRIYNSQQNGQVTIDLDDNL
 KKYNLPEIDILKVGHHGSKTSSSKEFIEMIKPKISLISSGKNMNYHLPNIEVVKRLQRIIRSRIYNSQQNGQVTIDLDDNL

720
720
720

logo

```
NTDB id 38 MW RS08220 WP 001566670.1
NTDB id 225490 B7474 RS02450 WP 025174327.1
NTDB id 22 SA RS07995 WP 001557362.1
consensus
```



733
733
733

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