

NTDB id 81059 HT081 RS01080 WP 172762257.1
NTDB id 1133 OK783 RS06970 WP 010951252.1
consensus

85
85

NTDB id 81059 HT081 RS01080 WP 172762257.1
NTDB id 1133 OK783 RS06970 WP 010951252.1
consensus

170
170

NTDB id 81059 HT081 RS01080 WP 172762257.1
NTDB id 1133 OK783 RS06970 WP 010951252.1
consensus

255
255

NTDB id 81059 HT081 RS01080 WP 172762257.1
NTDB id 1133 OK783 RS06970 WP 010951252.1
consensus

340
340

NTDB id 81059 HT081 RS01080 WP 172762257.1
NTDB id 1133 OK783 RS06970 WP 010951252.1
consensus

425
425

NTDB id 81059 HT081 RS01080 WP 172762257.1
NTDB id 1133 OK783 RS06970 WP 010951252.1
consensus

510
510

NTDB id 81059 HT081 RS01080 WP 172762257.1
NTDB id 1133 OK783 RS06970 WP 010951252.1
consensus

595
595

logo

NTDB id 81059 HT081 RS01080 WP 172762257.1
NTDB id 1133 OK783 RS06970 WP 010951252.1
consensus

RFLDSESEAGFLRGGITFCSMVPMSL PFKVICLLGLNDGDFPRNTKAAVFDLVAKHPAKGDRARRDDDRYLFLEALISAREILY
 RFLDSESEAGFLRGGITFCSMVPMSL PFKVICLLGLNDGDFPRNTKAAVFDLVAKHPAKGDRARRDDDRYLFLEALISAREILY
 RFLDSESEAGFLRGGITFCSMVPMSL PFKVICLLGLNDGDFPRNTKAAVFDLVAKHPAKGDRARRDDDRYLFLEALISAREILY

680
680

logo

NTDB id 81059 HT081 RS01080 WP 172762257.1
NTDB id 1133 OK783 RS06970 WP 010951252.1
consensus

LSYIGRDIRKDEELAPSSLLGELIDTVAAMTGTNSRQLAQNWIEQHPLQAFSRRYFQEGGRSDGIFGTRTDYAAALGQTPEPPRP
 LSYIGRDIRKDEELAPSSLLGELIDTVAAMTGTNSRQLAQNWIEQHPLQAFSRRYFQEGGRSDGIFGTRTDYAAALGQTPEPPRP
 LSYIGRDIRKDEELAPSSLLGELIDTVAAMTGTNSRQLAQNWIEQHPLQAFSRRYFQEGGRSDGIFGTRTDYAAALGQTPEPPRP

765
765

logo

NTDB id 81059 HT081 RS01080 WP 172762257.1
NTDB id 1133 OK783 RS06970 WP 010951252.1
consensus

FFDQPVENAEPVAEIGQDEFIRFWRNPVKVWLQQLAWSEPHIGEAWEPAPFPQHAEQIAETYIGARREGQDFSQTAARIAAES
FFDQPVENAEPVAEIGQDEFIRFWRNPVKVWLQQLAWSEPHIGEAWEPAPFPQHAEQIAETYIGARREGQDFSQTAARIAAES
FFDQPVENAEPVAEIGQDEFIRFWRNPVKVWLQQLAWSEPHIGEAWEPAPFPQHAEQIAETYIGARREGQDFSQTAARIAAES

850
850

logo

NTDB id 81059 HT081 RS01080 WP 172762257.1
NTDB id 1133 OK783 RS06970 WP 010951252.1
consensus

LLPSGELGKLVQQ^SCFQTAAKQIDTAVLNSPKLPPFPYAIPSDGQILKGS LGNLYRCGQVFYAYGKPNAPQRVAFLLLEHLIFCAVM
LLPSGELGKLVQQ^CCLQTAAKQIDTAVLNSPKLPPFPYAIPSDGQILKGS LGNLYRCGQVFYAYGKPNAPQRVAFLLLEHLIFCAVM
LLPSGELGKLVQQ^SCFQTAAKQIDTAVLNSPKLPPFPYAIPSDGQILKGS LGNLYRCGQVFYAYGKPNAPQRVAFLLLEHLIFCAVM

935
935

logo

NTDB id 81059 HT081 RS01080 WP 172762257.1
NTDB id 1133 OK783 RS06970 WP 010951252.1
consensus

PSEAE**TR**QTFIVQSG**ET**EV**L**AEIAQDRAL**Q**LLSEWMAFFNIGQNRPLPFFAKTSLAAAEFA**Q**KQD**E**AAL**K**KA**R**TAYYGSKVSK
 PSEAE**TR**QTFIVQSG**ET**EV**L**AEIAQDRAL**Q**LLSEWMAFFNIGQNRPLPFFAKTSLAAAEFA**Q**KQD**E**AAL**K**KA**R**TAYYGSKVSK
 PSEAE**TR**QTFIVQSG**ET**EV**L**AEIAQDRAL**Q**LLSEWMAFFNIGQNRPLPFFAKTSLAAAEFA**Q**KQD**E**AAL**K**KA**Q**TAYYGSKVSK

1020
1020

logo

NTDB id 81059 HT081 RS01080 WP 172762257.1
NTDB id 1133 OK783 RS06970 WP 010951252.1
consensus

GQKDYTEVALVFGNASQNPLEQPLFENLARLLADTLAAAEKREGTGAA
GQKDYTEVALVFGNASQNPLEQPLFENLARLLADTLAAAEKREGTGAA
GQKDYTEVALVFGNASQNPLEQPLFENLARLLADTLAAAEKREGTGAA

1068
1068

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