

logo

NTDB id 190453 A6L41 RS05680 WP 002248007.1  
NTDB id 1132 OK783 RS01905 WP 010951035.1  
consensus



80  
80

logo

NTDB id 190453 A6L41 RS05680 WP 002248007.1  
NTDB id 1132 OK783 RS01905 WP 010951035.1  
consensus



160  
160

logo

NTDB id 190453 A6L41 RS05680 WP 002248007.1  
NTDB id 1132 OK783 RS01905 WP 010951035.1  
consensus



240  
240

logo

NTDB id 190453 A6L41 RS05680 WP 002248007.1  
NTDB id 1132 OK783 RS01905 WP 010951035.1  
consensus



320  
320

logo

NTDB id 190453 A6L41 RS05680 WP 002248007.1  
NTDB id 1132 OK783 RS01905 WP 010951035.1  
consensus



400  
400

logo

NTDB id 190453 A6L41 RS05680 WP 002248007.1  
NTDB id 1132 OK783 RS01905 WP 010951035.1  
consensus



480  
480

logo

NTDB id 190453 A6L41 RS05680 WP 002248007.1  
NTDB id 1132 OK783 RS01905 WP 010951035.1  
consensus



560  
560

logo

NTDB id 190453 A6L41 RS05680 WP 002248007.1  
NTDB id 1132 OK783 RS01905 WP 010951035.1  
consensus

**KGR**PLQSGDIAVLVRTHNEAMYSAAALKKRQVQSVLLSRESVFASPEAAALSALIGFWLEPRRAGTLRFVLTSGIFGYDA  
**KGC**PLQSGDIAVLVRTHNEAMVSAALKKRQVQSVLLSRESVFASPEAAALSALIGFWLEPRRAGTLRFVLTSGIFGYDA  
**KDR**PLQSGDIAVLVRTHNEAMVSAALKKRQVQSVLLSRESVFASPEAAALSALIGFWLEPRRAGTLRFVLTSGIFGYDA  
 \* \*

640  
640

logo

NTDB id 190453 A6L41 RS05680 WP 002248007.1  
NTDB id 1132 OK783 RS01905 WP 010951035.1  
consensus

QQLHDFNQNESEILHWAESARTALD<sup>N</sup><sub>W</sub>YGF<sup>Q</sup>AAM<sup>Q</sup>QFSQTHG<sup>I</sup>ETRL<sup>L</sup>SRNNG<sup>R</sup>SLTNYFQL<sup>L</sup>ELLAAEDAQ<sup>N</sup>RNPAA  
 QQLHDFNQNESEILHWAESARTALD<sup>N</sup><sub>W</sub>YGF<sup>Q</sup>AAM<sup>Q</sup>QFSQTHG<sup>I</sup>ETRL<sup>L</sup>SRNNG<sup>R</sup>SLTNYFQL<sup>L</sup>ELLAAEDAQ<sup>N</sup>RNPAA  
 QQLHDFNQNESEILHWAESARTALD<sup>N</sup><sub>W</sub>YGF<sup>Q</sup>AAM<sup>Q</sup>QFSQTHG<sup>I</sup>ETRL<sup>L</sup>SRNNG<sup>R</sup>SLTNYFQL<sup>L</sup>ELLAAEDAQ<sup>N</sup>RNPAA  
 \*

720  
720

logo

NTDB id 190453 A6L41 RS05680 WP 002248007.1  
NTDB id 1132 OK783 RS01905 WP 010951035.1  
consensus

LHKWLRDQISLAGNN<sup>S</sup>GDNRAIRLESDEDLVKIVTMHASKGLQYPLVYCPFAWDAQDTGPSDWQILHQ<sup>S</sup>ANRTELLAKAQ  
 LHKWLRDQISLAGNN<sup>GG</sup>GDNRAIRLESDEDLVKIVTMHASKGLQYPLVYCPFAWDAQDTGPSDWQILHQ<sup>GG</sup>ANRTELLAKAQ  
 LHKWLRDQISLAGNN<sup>G</sup>GDNRAIRLESDEDLVKIVTMHASKGLQYPLVYCPFAWDAQDTGPSDWQILHQ<sup>G</sup>ANRAELLAKAQ

800  
800

logo

NTDB id 190453 A6L41 RS05680 WP 002248007.1  
NTDB id 1132 OK783 RS01905 WP 010951035.1  
consensus

LSEDEQKQYADEEMAERLRLLYVALTRAEELNIYAAYSSDTADNPLAYLIEGLPQDSRETVR<sup>Q</sup>TY<sup>DW</sup>EKDGI<sup>AC</sup>TMLKRNW  
 LSEDEQKQYADEEMAERLRLLYVALTRAEELNIYAAYSSDTADNPLAYLIEGLPQDSRETVR<sup>Q</sup>TY<sup>DW</sup>EKDGI<sup>AC</sup>TMLKRNW  
 LSEDEQKQYADEEMAERLRLLYVALTRAEELNIYAAYSSDTADNPLAYLIEGLPQDSRETVR<sup>Q</sup>TY<sup>DW</sup>EKDGI<sup>AC</sup>TMLKRNW

880  
880

logo

NTDB id 190453 A6L41 RS05680 WP 002248007.1  
NTDB id 1132 OK783 RS01905 WP 010951035.1  
consensus

RR<sub>LAD</sub>VDIAPAGTDF<sub>AT</sub>FTEDAPPPAAYRGNAG<sub>D</sub>QTAEFAANSIPERR<sub>RG</sub>FRFVRHTSFTALSRHTQTPDGGEEDACPSLDAAETS  
 RR<sub>LAD</sub>VDIAPAGTDF<sub>AT</sub>FTEDAPPPAAYRGNAG<sub>D</sub>QTAEFAANSIPERR<sub>RG</sub>FRFVRHTSFTALSRHTQTPDGGEEDACPSLDAAETS  
 RR<sub>LAD</sub>VDIAPAGTDF<sub>AT</sub>FTEDAPPPAAYRGNAG<sub>D</sub>QTAEFAANSIPERR<sub>RG</sub>FRFVRHTSFTALSRHTQTPDGGEEDACPSLDAAETS  
 \*  
 RR<sub>LAD</sub>VDIAPAGTDF<sub>AT</sub>FTEDAPPPAAYRGNAG<sub>D</sub>QTAEFAANSIPERR<sub>RG</sub>FRFVRHTSFTALSRHTQTPDGGEEDACPSLDAAETS

960  
960

logo

NTDB id 190453 A6L41 RS05680 WP 002248007.1  
NTDB id 1132 OK783 RS01905 WP 010951035.1  
consensus

VPAMPSETPTASDGISIHDFPKGTQAGLCLHEILEDFKFGQAAAQETLIADKLKKYGFEIWLPAVAEMAEACRKTPLT  
VPAMPSETPTASDGISIHDFPKGTQAGLCLHEILEDFKFGQAAAQETLIADKLKKYGFEIWLPAVAEMAEACRKTPLT  
VPAMPSETPTASDGISIHDFPKGTQAGLCLHEILEDFKFGQAAAQETLIADKLKKYGFEIWLPAVAEMAEACRKTPLT

1040  
1040

logo

NTDB id 190453 A6L41 RS05680 WP 002248007.1  
NTDB id 1132 OK783 RS01905 WP 010951035.1  
consensus

1120  
1120

logo

NTDB id 190453 A6L41 RS05680 WP 002248007.1  
NTDB id 1132 OK783 RS01905 WP 010951035.1  
consensus



logo

NTDB id 190453 A6L41 RS05680 WP 002248007.1  
NTDB id 1132 OK783 RS01905 WP 010951035.1  
consensus



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