

logo

NTDB id 171228 AYM27 RS06855 WP 000593192.1
NTDB id 40 MW RS06080 WP 000593192.1
NTDB id 25 SA RS06185 WP 000593194.1
consensus

MIKLFLLKLYWAHFSTKQIHQFLMAYPNVIKEEGRKKDSYLCEWVNREENVHLLRKYAFIKLDHNDIIKELQKLVSYI
MIKLFLLKLYWAHFSTKQIHQFLMAYPNVIKEEGRKKDSYLCEWVNREENVHLLRKYAFIKLDHNDIIKELQKLVSYI
MIKLFLLKLYWAHFSTKQIHQFLMAYPNVIKEEGRKKDSYLCEWVNREENVHLLRKYAFIKLDHNDIIKELQKLVSYI
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

80
80
80

logo

NTDB id 171228 AYM27 RS06855 WP 000593192.1
NTDB id 40 MW RS06080 WP 000593192.1
NTDB id 25 SA RS06185 WP 000593194.1
consensus

TYMDSEYPVLLKEIYQFPLLLFYKGNIKLINNMHHLAVVGARDSTSYTQQSLEFLLSNDKSKYLTIVSGLAQQADAMAHQ
TYMDSEYPVLLKEIYQFPLLLFYKGNIKLINNMHHLAVVGARDSTSYTQQSLEFLLSNDKSKYLTIVSGLAQQADAMAHQ
TYMDSEYPVLLKEIYQFPLLLFYKGNIKLINNMHHLAVVGARDSTSYTQQSLEFLLSNDKSKYLTIVSGLAQQADAMAHQ
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

160
160
160

logo

NTDB id 171228 AYM27 RS06855 WP 000593192.1
NTDB id 40 MW RS06080 WP 000593192.1
NTDB id 25 SA RS06185 WP 000593194.1
consensus

IALKYNLPTIAVLAFGHQHTHPKSTLALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISGLSKGVLITEAKEQSGSHI
IALKYNLPTIAVLAFGHQHTHPKSTLALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISGLSKGVLITEAKEQSGSHI
IALKYNLPTIAVLAFGHQHTHPKSTLALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISGLSKGVLITEAKEQSGSHI
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

240
240
240

logo

NTDB id 171228 AYM27 RS06855 WP 000593192.1
NTDB id 40 MW RS06080 WP 000593192.1
NTDB id 25 SA RS06185 WP 000593194.1
consensus

TIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI
TIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI
TIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

290
290
290

X non conserved
X similar
X ≥ 50% conserved