```
logo
NTDB id 43577 VCASEI RS13575 WP 089110257.1  MKNGQVKLGKNAFRLSALTASCMMAFSSYAAVDCGPLDLWDTAAVYNGGAQVQQEGSAYSAKYWTQGDSPKDAGQWGAWA   80
NTDB id 1300 VP RS19160 WP 005479129.1       MHLKNGKAVKSVFTLSTLTASCLLAFNSYAAVDCAPLEVWDSSKVYNGGDQVQHEGNAYKARYWTQNNNPAQAGQWGEWE   80
consensus                                    !*  * !  ! ! !! !!!!!**!! !!!!!!!*!!**!!*  !!!!! !!!*!! !! !*!!!!   !  !!!!! !

logo
NTDB id 43577 VCASEI RS13575 WP 089110257.1  LVDACST....DVVTNEAPTVDLTSPTTSTSLTEDDEVTLTANATDSDGTIARVDFLVDGDVIGQSTSAPFSATWTAVAG  156
NTDB id 1300 VP RS19160 WP 005479129.1       SLGACDGTGPVDPPQNEIPTVTLTAPSASASITAGEVVNLAADAADTDGTISKVEFFVDGALVGQSTSAPFIASWTATEG  160
consensus                                     * !!  ****!** !! !!! !! !* ! !*!  * ! ! ! ! !*!!!! *!*! !!! **!!!!!!!! !*!!!  !

logo
NTDB id 43577 VCASEI RS13575 WP 089110257.1  THAFSSIAYDNEGAQSTQSTVTLEVQMSQTDTNQAPSVSVALSSSSVTLGEVVTLTATAADSDGTVDKVDFYVGGSLVGT  236
NTDB id 1300 VP RS19160 WP 005479129.1       VHEFSTKSYDDAGAVSTASSVTLTIASVQ.PGNEAPTVDVALSATSIELGGTVTLTANAADADGSIAKVDFYVAGALAGT  239
consensus                                     ! !!*  !!  !! !! !*!!! *   !** ! !!*! !!!! *!* !!  !!!!! !!! !!** !!!!!!*! ! !!

logo
NTDB id 43577 VCASEI RS13575 WP 089110257.1  VASSPYTLNYTTTQTGSVSVFAKATDNEGATTDSATASLQVTSDQPVAATCHPDGLYQTEGVNVPYCNAYDEEGRELMGA  316
NTDB id 1300 VP RS19160 WP 005479129.1       ATAAPYTLDVTPSKAGALAVYAKATDNAGASTDSAIATLTVNG.GAVASNCRPDGLYQTTGVDVPYCSIYDEEGREKMGA  318
consensus                                        !!!!  !**  ! * !*!!!!!! !!*!!!! !*! !  * *!!  !*!!!!!!! !! !!!!  !!!!!!! !!!

logo
NTDB id 43577 VCASEI RS13575 WP 089110257.1  DHPRRVIGYFTSWRAGDNDQAAYLVKDIPWEQLTHINYAFVSIGSDGNVNIGDVNDPENAAVGKTWPGVDVDPELGFKGH  396
NTDB id 1300 VP RS19160 WP 005479129.1       DHPRRVIGYFTSWRAGDDPQSTYLVKDIPWEQLTHINYAFVSIGSDGKVNVGDVNDPNNAATGKTWPGVEVDPTLGFKGH  398
consensus                                    !!!!!!!!!!!!!!!!! *!  !!!!!!!!!!!!!!!!!!!!!!!!!!! !!*!!!!!! !!! !!!!!!!*!!! !!!!!!

logo
NTDB id 43577 VCASEI RS13575 WP 089110257.1  FGALATYKERYGVKTLISIGGWAETGGHFATDGSRVADGGFYTMTTNADGSINHAAIEKFADSAVELMRKYKFDGLDIDY  476
NTDB id 1300 VP RS19160 WP 005479129.1       FGALATYKQKHDVKTLISIGGWAETGGHFDANGDRVADGGFYTMTTNADGSINHAGIEKFAASAVEMMRKYKFDGLDIDY  478
consensus                                    !!!!!!!! ** !!!!!!!!!!!!!!!!!    ! !!!!!!!!!!!!!!!!!!!!!*!!!!! !!!!*!!!!!!!!!!!!!

logo
NTDB id 43577 VCASEI RS13575 WP 089110257.1  EYPTSMAGAGNPYDKDFMEPRREHLWASYQELMKVLREKVDRASEADDNYYMLTIAAPSSGYLLRGMETFDVTKYLDYVN  556
NTDB id 1300 VP RS19160 WP 005479129.1       EYPTSMAGAGNPYDKDFMEPRRQYLWASYQELMKVLREKLDAASAQDGTHYMLTIAAPSSGYLLRGMETFDVTKYLDYVN  558
consensus                                    !!!!!!!!!!!!!!!!!!!!!!! *!!!!!!!!!!!!!!!*! !!   !  *!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
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logo
NTDB id 43577 VCASEI RS13575 WP 089110257.1  IMTYDLHGAWNDHVGHNAALYDTGKDSELAQWNVYGTAAYGGIGYLNTDWAYHYFRGSMPAGRINIGVPYYTRGWQGVTG   636
NTDB id 1300 VP RS19160 WP 005479129.1       IMSYDLHGAWNDHVGHNAALFDTGKDSELAQWNVYGTAAYGGIGYLNTDWAYHYFRGSMPAGRINIGVPYYTRGWQGVTG   638
consensus                                    !!*!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!
```

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