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logo

NTDB id 144881 AAV29 RS15685 WP 046560013.1  MKKLIKPFTISIIILSVIYVCYVAFININGLIVGTKIVENKHKVLEVAEMSKTSYGKFVGLKQGDMIVKINNKKPSLKYL   80
NTDB id 91 BSU 31690 NP 391047.2             MKNLIKKFTIAVIVLSILYISYTTYISMNGIIIGTKIHKNDKSQFMIEEISESSYGQFVGLRQGDIILKINKEKPSDKHL   80
consensus                                    !! !!!*!!! *!*!!**!**!  *! *!!*!*!!!!* ! *    * !*! *!!! !!!!*!!!*!*!!!  !!! !*!

logo

NTDB id 144881 AAV29 RS15685 WP 046560013.1  KGDTLYHVKSLDIKRNGQQIHLDDFDIVNLNGYYSYFLFVLPLVFYFLSLICIFYIVKVSQTRKSIAGYVLILFLLDISI  160
NTDB id 91 BSU 31690 NP 391047.2             KWGYLSHINSLDILRSGKKIHLKDFDLVTLNRPYSFFLFVLPLFFYFLSIICIFYILKVNKKRRSFAAYILILLLLDISI  160
consensus                                    !   ! !* !!!! ! !  !!! !!!*! !! *!!*!!!!!!! !!!!!*!!!!!!*!!   !*! !*!*!!! !!!!!!

logo

NTDB id 144881 AAV29 RS15685 WP 046560013.1  AYMSAGGPSRGHEFNRYINLFTFIASPIFYLQFIQEYFKELGEKFANRLISFLYIIPIINLLNEPFRHIY..SYDFTTNL  238
NTDB id 91 BSU 31690 NP 391047.2             AYISAGGPFRGHIINRYINLFTFISSPILYLQFIQRYLGEIGKTFLNR.ISFLYIIPIFNLGIEFFQDYLQVDIDFLATL  239
consensus                                    !!*!!!!! !!!  !!!!!!!!!! !!! !!!!!! !  !*!  ! !!*!!!!!!!!! !!  !*! *  **  !!   !

logo

NTDB id 144881 AAV29 RS15685 WP 046560013.1  NLVSFFFVTIYAFISVFYHLYKFKYSEHAYILKVLILTNTLSFLPFLLFYVIPIILTGSYILDALAAASLLVLIPLGLVY  318
NTDB id 91 BSU 31690 NP 391047.2             NLVSFATLTLFSFSAIYLHLNKYKYAEHSFILKLLILTNTLSFAPFLIFFVLPIIFTGNYIFPALASASLLVLIPFGLVY  319
consensus                                    !!!!!  *!** !  ** !! !*!! !! *!!!*!!!!!!!!! !!!*!*!*!!! !! !! *!!! !!!!!!!! !!!!

logo

NTDB id 144881 AAV29 RS15685 WP 046560013.1  QFVANKIFDIEFILGRMRYYGLLALVPALFIVGISAWFESIDIQMNPAQQTVFFFIVIFVIFYFKEVMDYKFRLKRFSEK  398
NTDB id 91 BSU 31690 NP 391047.2             QFVANKMFDIEFILGRMRYYALLAMIPTLLIVGALVLFDVMDIQMNPVRQTVFFFVVMFAVFYFKEVMDFKFRLKRFSEK  399
consensus                                    !!!!!!*!!!!!!!!!!!!!*!!!**! ! !!!    !* *!!!!!!  !!!!!!*!*! *!!!!!!!!!*!!!!!!!!!!

logo

NTDB id 144881 AAV29 RS15685 WP 046560013.1  FNYQDSIFKYTQLIRSITSLKQMFKELKKTILDVLLVSKAYVFEVTSEGDILYHDKKDNEPDWEMYSKEFKKVTSEIGKI  478
NTDB id 91 BSU 31690 NP 391047.2             FNYQDSIFKYTQLMRGVTSLQQVFKELKNTILDVLLVSKAYTFEVTPDHKVIFLDKHEVGPDWNFYQEEFENVTSEIGKI  479
consensus                                    !!!!!!!!!!!!!*! *!!! !*!!!!! !!!!!!!!!!! !!!!*** ****!!**  !!!  !  !!  !!!!!!!!

logo

NTDB id 144881 AAV29 RS15685 WP 046560013.1  IELNRGFLIKIGERGGSSYVLLCLSTINTPRLTRDEISWLKTLSFYTSVSMENVIQIEELMNHLQDLKQQGSNPVWLKKL  558
NTDB id 91 BSU 31690 NP 391047.2             IEVNQGFLMKVGERGGSSYVLLCLSNINTPRLTRDEISWLKTLSFYTSVSMENVLHIEELMEHLKDLKQEGTNPIWLKKL  559
consensus                                    !!*! !!!*!*!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
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logo

NTDB id 144881 AAV29 RS15685 WP 046560013.1  MFTIEEKQRSDLARDLHDSVLQDLISLKRQCELFLADFKK.EEPCQLEVQDKLHQMNEQMSDVILMTRETCHELRPQLLY  637
NTDB id 91 BSU 31690 NP 391047.2             MFAIEEKQRSGLARDLHDSVLQDLISLKRQCELFLGDFKKDDNPCREEVQDKLVQMNEQMSDVISMTRETCHELRPQLLY  639
consensus                                    !! !!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!** !!   !!!!!!*!!!!!!!!!!! !!!!!!!!!!!!!!!

logo

NTDB id 144881 AAV29 RS15685 WP 046560013.1  DLGLVKAVSKLAAQQQERAPFHIRLNTGRFTAALDLDDTQLNLYRIIQEFLSNAMKHSQANEVLIMLISIQNKVILHYEDD  717
NTDB id 91 BSU 31690 NP 391047.2             DLGLVKALSKLVAQQQERVPFHIRLNTGRFTASLDLDSQLNLYRIIQEFLSNAVKHSQATDVLIMLISIQNKIVLHYEDD  719
consensus                                    !!!!!!!*!!! !!!!!! !!!!!!!!!!!!! !!!!*!!!!!!!!!!!!!!!!*!!!!! *!!!!!!!!!!!!**!!!!!!

logo

NTDB id 144881 AAV29 RS15685 WP 046560013.1  GVGCNQEEGGGQSMSMGLSGIKERVRALDGRMKIDTSEGNGFKADIEMEL  767
NTDB id 91 BSU 31690 NP 391047.2             GVGFDQEKNTEHSMSMGLSGIKERVRALDGRLRIETSEGKGFKADIEIEL  769
consensus                                    !!!* !!     *!!!!!!!!!!!!!!!!!!!!**!*!!!! !!!!!!!*!!
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X non conserved

X similar

X $\geq$ 50% conserved