```
logo
NTDB id 304676 DV131 RS01395 WP 000839910.1   .....MKSMRILFLLALIQISLSSCFLWKECILSFKQSTAFFIGSMVFVSGICAGVNYLYTRKQEVHSVLASKKSVKLFY   75
NTDB id 212 SPD RS09290 WP 000839908.1        .....MKSMRILFLLALIQISLSSCFLWKECILSFKQSTAFFIGSMVFVSGICAGVNYLYTRKQEVHSVLASKKSVKLFY   75
NTDB id 178 SPR RS08850 WP 000839908.1        .....MKSMRILFLLALIQISLSSCFLWKECILSFKQSTAFFIGSMVFVSGICAGVNYLYTRKQEVHSVLASKKSVKLFY   75
NTDB id 142 SP RS09775 WP 000839908.1         .....MKSMRILFLLALIQISLSSCFLWKECILSFKQSTAFFIGSMVFVSGICAGVNYLYTRKQEVHSVLASKKSVKLFY   75
NTDB id 490 SM12261 RS08340 WP 000970273.1    MMEKMKKQIRVLLLLTVFGLSSCSCLSLSTWALMLNQNCFYYLVGMLLLASIGAGLNYYRGQGNQHYSVF.KEDKQQFLY   79
NTDB id 518 SMSK321 RS11040 WP 000413917.1    .MEKMKKQIRVLLLFTIFGISSCSCLSLSTWALMLNQNCFYYLVGMLLLASIGSGINYYSGQRNQSYSVF.KEDKQQFLY   78
consensus                                          *!**!*!*!******!**!!*******!***!********!*****!**!*!!*********!!**********!

logo
NTDB id 304676 DV131 RS01395 WP 000839910.1   SMLLLINLLGAVLVLSDNLFIKNTLQQELVDFLLPSFFFLFGLDLLIFLPLKKYVRDFLAMLDRKKTVLVTSLATLLFLR   155
NTDB id 212 SPD RS09290 WP 000839908.1        SMLLLINLLGAVLVLSDNLFIKNTLQQELVDFLLPSFFFLFGLDLLIFLPLKKYVRDFLAMLDRKKTVLVTILATLLFLR   155
NTDB id 178 SPR RS08850 WP 000839908.1        SMLLLINLLGAVLVLSDNLFIKNTLQQELVDFLLPSFFFLFGLDLLIFLPLKKYVRDFLAMLDRKKTVLVTILATLLFLR   155
NTDB id 142 SP RS09775 WP 000839908.1         SMLLLINLLGAVLVLSDNLFIKNTLQQELVDFLLPSFFFLFGLDLLIFLPLKKYVRDFLAMLDRKKTVLVTILATLLFLR   155
NTDB id 490 SM12261 RS08340 WP 000970273.1    SLLLLVNILGLALIVIEHILAGNISVEGFVEAFLPSFFFLFGIDLLVFLPIQKYVNGVKKFLGKKEICFISGLAILIFLR   159
NTDB id 518 SMSK321 RS11040 WP 000413917.1    SLLLLVNILGLALIVIDHILAGNASVEGFVEAFLPSFFFLFGIDLLVFLPIQKYVNGLKKILGKKKICFISGLAILIFLR   158
consensus                                     !*!!!*!*!!**!*********!******!***!!!!!!!!!*!!!*!!!**!!!******!**!****** !!*!*!!!

logo
NTDB id 304676 DV131 RS01395 WP 000839910.1   NPMTIVSLLIYIGLGLFFAAYLVPNSVKKEVSFYGHIFRDLVLVIVTLIFF   206
NTDB id 212 SPD RS09290 WP 000839908.1        NPMTIVSLLIYIGLGLFFAAYLVPNSVKKEVSFYGHIFRDLVLVIVTLIFF   206
NTDB id 178 SPR RS08850 WP 000839908.1        NPMTIVSLLIYIGLGLFFAAYLVPNSVKKEVSFYGHIFRDLVLVIVTLIFF   206
NTDB id 142 SP RS09775 WP 000839908.1         NPMTIVSLLIYIGLGLFFAAYLVPNSVKKEVSFYGHIFRDLVLVIVTLIFF   206
NTDB id 490 SM12261 RS08340 WP 000970273.1    NPWMLLSMTFYIALGMLFLGLLVPKVIRWEVSFYSHLMRDILLVVFLLFLF   210
NTDB id 518 SMSK321 RS11040 WP 000413917.1    NPWMLLSMTFYITLGMLFLGLLVPKVIRWEVSFYSHLMRDILLVVFLLFLF   209
consensus                                     !!****!***!!*!!**!***!!!*****!!!!!*!**!!**!!***!**!
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X non conserved

X similar

X $\geq$ 50% conserved