```
logo

NTDB id 1113560 SXYL RS06470 WP 047172312.1  MKLLFNSMIEKAINNDASDIHFIPADKEVMIKFRIRDDLKSIETLQLNTYLKLLTYMKYQAGLDVSKHNAAQSGRYIYKL   80
NTDB id 30 MW RS08005 WP 000697220.1         MKILFQEIINKAIEMKASDVHFIPVKNEVSIKFRINDNLEQYEQIGNSIYQKLLVYMKFQAGLDVSTQQVAQSGRYSYHF   80
NTDB id 14 SA RS07775 WP 000697220.1         MKILFQEIINKAIEMKASDVHFIPVKNEVSIKFRINDNLEQYEQIGNSIYQKLLVYMKFQAGLDVSTQQVAQSGRYSYHF   80
consensus                                    !!*!!***!*!!!***!!!*!!!!***!!*!!!!!*!*!***!******!*!!!*!!!*!!!!!!!****!!!!!!*!**

logo

NTDB id 1113560 SXYL RS06470 WP 047172312.1  KQIYFLRISTLPLSLGNESCVIRIIPQYFQKHKNNQNITHLYNLMNKKQGLILLSGPTGSGKSTLMYHMLSYAKENLNLN  160
NTDB id 30 MW RS08005 WP 000697220.1         NKIYFLRISTLPLSLGQESCVIRIVPQFFQQQKSTYKFNDFKHLMNKKQGLLLFSGPTGSGKSTLMYQMVSYANKALNLN  160
NTDB id 14 SA RS07775 WP 000697220.1         NKIYFLRISTLPLSLGQESCVIRIVPQFFQQQKSTYKFNDFKHLMNKKQGLLLFSGPTGSGKSTLMYQMVSYANKALNLN  160
consensus                                    **!!!!!!!!!!!!!!*!!!!!!!*!!*!!**!**********!!!!!!!!*!*!!!!!!!!!!!!!*!*!!!***!!!!

logo

NTDB id 1113560 SXYL RS06470 WP 047172312.1  IITIEEPVEQLINGITQISLNEKAGINYETSFKAILRCDPDIILIGEIRDANVAKHVIQASLSGHLVLSTIHASNCKGVI  240
NTDB id 30 MW RS08005 WP 000697220.1         VISIEDPVEMQIPGIVQINVNDKAGINYVNSFKAILRCDPDVILIGEIRDKDVAKCVIQASLSGHLVLTTLHATDCKGAI  240
NTDB id 14 SA RS07775 WP 000697220.1         VISIEDPVEMQIPGIVQINVNDKAGINYVNSFKAILRCDPDVILIGEIRDKDVAKCVIQASLSGHLVLTTLHATDCKGAI  240
consensus                                    *!*!!*!!!**!*!!*!!**!*!!!!!!!**!!!!!!!!!!!*!!!!!!!!!**!!!*!!!!!!!!!!!!!*!*!!**!!!*!

logo

NTDB id 1113560 SXYL RS06470 WP 047172312.1  LRLLEMGITVQQLIQSIISILNQRLITNIKGERELVYEQINKEDIYHFFKNSYTLPKDFHNLSYKLNKMSKEGMICETSM  320
NTDB id 30 MW RS08005 WP 000697220.1         LRLLEMGISVQELIQATNLIINQRLVTTIKQQRQLVCEILSQQQLRYFFSHNHSLPSSFKNLEDKLDDMTKAGVICETTM  320
NTDB id 14 SA RS07775 WP 000697220.1         LRLLEMGISVQELIQATNLIINQRLVTTIKQQRQLVCEILSQQQLRYFFSHNHSLPSSFKNLEDKLDDMTKAGVICETTM  320
consensus                                    !!!!!!!!*!!*!!!****!*!!!!*!*!!**!*!!*!*********!!*****!!**!*!!**!!**!*!*!*!!!!*!

logo

NTDB id 1113560 SXYL RS06470 WP 047172312.1  ERYL   324
NTDB id 30 MW RS08005 WP 000697220.1         DKYI   324
NTDB id 14 SA RS07775 WP 000697220.1         DKYI   324
consensus                                    **!*
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X non conserved

X similar

X $\geq$ 50% conserved