```
logo

NTDB id 167314 AL533 RS16255 WP 004710946.1  MHSPLNSSLSHTIFRLGTWYGLYRLIIAVSLNIILVLTNAQTDNSLQQPSLYFYTLLSYSIVSLVQLLCFKFIAIQTTRQ   80
NTDB id 1044 HON27 RS16325 WP 206677389.1    MQFPLNSSLSHTIFRLGTWYGLYRLIIAVSLNIILVLTDAQTDNSLQQPALYSYTLLGYSLLSLVQLLCFKFIATQATRQ   80
consensus                                    !* !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!! !! !!!! !!**!!!!!!!!!!!!! ! !!!

logo

NTDB id 167314 AL533 RS16255 WP 004710946.1  LILFFIVDIICLSLLSFSAGEPNLQISLLYVIAIFTSAILLSARVSLVITLLAVIAVIYQRFVGSLFDYNNLNTIGNSAL  160
NTDB id 1044 HON27 RS16325 WP 206677389.1    LILFFIVDIICLSLLTFSVGEPNLQLSLLYVIAIFTSAILLSARMSLLITLLAVIAVIYQRFVGSLFDYNNLNTIGNSAL  160
consensus                                    !!!!!!!!!!!!!!!*!! !!!!!!*!!!!!!!!!!!!!!!!!!!*!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 167314 AL533 RS16255 WP 004710946.1  LAFLFFVVHGIGQIAVQRFKLLEALTFHQSIELYQLQNINRYILEQIEQGYLVLDENYDIVVSNPAACSLLGIPPQFANE  240
NTDB id 1044 HON27 RS16325 WP 206677389.1    LAFLFFVVHGIGQIAVQRFKLLEALTFHQSIELYQLQNINRYILEQIEEGYLVLDENYDIVVSNPAACSLLGIPPQFANE  240
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 167314 AL533 RS16255 WP 004710946.1  KYPLAKWHADLFEILKFGDLKENDRFIFESRLSAYSINIKVQHLLVPQQALTLLILQDAQQINQQAQQLKLAALGQLSAS  320
NTDB id 1044 HON27 RS16325 WP 206677389.1    KYPLVKWHADLFEILKFGDLKEGDRFIFESRLSAYSINIKVQHLLVPQQTLTLLILQDAQQINQQAQQLKLAALGQLSAS  320
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 167314 AL533 RS16255 WP 004710946.1  IAHEIRNPLAAIVQANELLKDSDLEQQNTLRHMIGKQTKRIDSIVQDTLGLARSERTHPIQIDLNNFINTLLDEDLSDVK  400
NTDB id 1044 HON27 RS16325 WP 206677389.1    IAHEIRNPLAAIVQANELLKDSDPEQQNTLRHMIGKQTKRIDSIVQDTLGLARSERTHPIQIDVKHFIDTLLEEDLFDVK  400
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 167314 AL533 RS16255 WP 004710946.1  HSIQLKISDRSLKFLFDEKQLRQVMINLVRNALRHNAPDSPNVMINIHSQTNKIYIDVIDYGEGVSKRDISQLFKPFFST  480
NTDB id 1044 HON27 RS16325 WP 206677389.1    HSIQLKISDSSLKFLFDEKQLRQVMINLVRNALRHNAPDSPYITINIHSQTNKIYIDVIDYGEGVSKRDISQLFKPFFST  480
consensus                                    !!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 167314 AL533 RS16255 WP 004710946.1  EINGTGLGLYLSHSFCEANHAKLTYVEQKQGACFRIECPIIY  522
NTDB id 1044 HON27 RS16325 WP 206677389.1    EINGTGLGLYLSHSFCEANHAKLTYVEQKQGACFRIECPIIY  522
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

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