

A

CamCHH1 -QIYDTSCKGVYDRALFNDLEHVCDDCYNLYRTSYVASACRSNGYSNLVFRQCMDDLMMDEFDQYARKVQMV ---
 DamITP -SFFDINCKGLYDKSTIFARLDRICQDCYNLYREPELHTLCRSECFSTTPFFKACLKVLLEDQDPDYSEMIDKI ---
 DapITP -SFFDINCKGLYDKSTIFARLDRICQDCYSLYREPELHTLCRSECFSTTPFFKACLKVLLEDQDPDYSEMIDKI ---
 FocITP -SFFDIQCKGVYDKGTFARLDRICDDCYNLYREPQLHSLCRSNCFGSPYFKGCLDALLNNEEDGKFDEMIEIL ---
 LomITP -SFFDIQCKGVYDKSTIFARLDRICEDCYNLFREPQLHSLCRSDCFKSPYFKGCLQALLLIDEEKFNQMV EIL ---
 ScgITP -SFFDIQCKGVYDKSTIFARLDRICEDCYNLFREPQLHSLCRSDCFKSPYFKGCLQALLLIDEEKFNQMV EIL ---
 PehITP -SFFDIQCKGVYDKSTIFARLDRICEDCYNLFREPQLHSLCRSKCFTSKYFKGCIEALLLKEEAKFNQMV EFL ---
 TrcITP -SFFDIQCKGVYDKSTIFAKLDSTICEDCYMLFREPQLHNLCRSECFSTKYFVGCVESLLSEMPKFRKMIEYLSK-
 ApmITP -SFFDIQCKGIYDKSTIFARLDRICEDCYNLFREPQLHQLCRQDCFGTEYFTSCIQALLLEDKEKLYEMVEYL ---
 NavITP -SFFDIQCKGVYDKALFARLDRICEDCYNLFREPQLHTLCRHNCFGTEYFTSCIQALLLEDKEKQFQDIAEYL ---
 BomITP -SFFTLECKGVFDAATFARLDRICDDCYNLFREPQLYTLRAECFTTPYFKGCMESLYLYDEKEQIDQMIDFV ---
 MasITP -SFFSLECKGVYDASTFARLDRICDDCYNLFREPQLYTLRAKCFSTTPYFKGCMESLYLYDEKEQIDQMIDFV ---
 AeaITP SSFFDIECKGQFNKATFYRLDRICEDCYSLFREPQILSFCKEGCFGSEYFLACVEALVLEDETEKFMKWREML ---
 AngITP SSFFDIECKGQFNKQIFYRLDRICEDCYSLFREPQILSFCKEGCFGTDYFLACVEALFLEEKEKFMKWREML ---
 CupITP SSFFEIDCKGQFNKQIFYRLDRICEDCYSLFREPQILSFCKEDCFGSEYFLACVEALFLDEEKEKFMKWREML ---
 DrmITP SNFFDLECKGIFNKTMFFRLDRICEDCYQLFRETSIHRCLKQECFGSPFFNACIKALQLHKMDKNYWRDTL ---
 IxsITP -SFLELGRCNFEQSYLARLERVCEECFGLYREPQVYNICRANCFKNENFDLCADALLLKDMSDLRRMINVYVG-
 DevITP -SFLELGRCNFEQSYLARLERVCECYQLYREPEVYNLCRDNCFKNENFLKCAEALLKEEMDSLKSKVDYLYSR

B

CamCHH1L -QIYDTSCKGVYDRALFNDLEHVCDDCYNLYRTSYVASACRNNGFENEVFDVGVYELYFPD-----HEEYLRSRDGL-KG-----
 DamITPL -SFFDINCKGLYDKSTIFARLDRICQDCYNLYREPELHTLCRKNCFSTTNFYFKGCLDALLIND--EKNIQSFMKDISIIHQIPI-----
 DapITPL -SFFDINCKGLYDKSTIFARLDRICQDCYSLYREPELHTLCRKNCFSTTNFYFKGCLDALLIND--EKDIQVYMKDISIIHQIPI-----
 FocITPL -SFFDIQCKGVYDKGTFARLDRICDDCYNLYREPQLHSLCSQNCFSYFMNCLDALTND-EQKTYEEYIERIHGAPTPVERKK-----
 LomITPL -SFFDIQCKGVYDKSTIFARLDRICEDCYNLFREPQLHSLCRKDCFTSDYFKGCIDVLLLDQ-DMEKIQSWIKQIHGAEPGV-----
 ScgITPL -SFFDIQCKGVYDKSTIFARLDRICEDCYNLFREPQLHSLCRKDCFTSDYFKGCIDVLLLDQ-DMDKIQSWIKQIHGAEPGV-----
 PehITPL -SFFDIQCKGVYDKSTIFARLDRICEDCYNLFREPQLHSLCRKNCFSTTDYFKGCIDVLLLDQ-EMENIQTWIKQIHGAADPGV-----
 TrcITPL -SFFDIQCKGVYDKSTIFAKLDSTICEDCYMLFREPQLHNLCRKNCFSTTDYFKGCIDVLLRSD-EAIAQLWIKQIRGADGLGPSASPNTS
 ApmITPL -SFFDIQCKGIYDKSTIFARLDRICEDCYNLFREPQLHQLCRKNCFSTSDYFKGCIDVLLLDQ-EVEKIQTWIKQIHGAEPGV-----
 NavITPL -SFFDIQCKGVYDKALFARLDRICEDCYNLFREPQLHTLCRKNCFSTSDYFKGCIDVLLLDQ-EMEWIQTSIKQIHGAADPGV-----
 BomITPL -SFFTLECKGVFDAATFARLDRICDDCYNLFREPQLYTLCRKDCFTTDYFKGCVEVLRQTD-QLDLFKKYIKQIHGAADPGI-----
 MasITPL -SFFSLECKGVYDASTFARLDRICDDCYNLFREPQLYTLCRKDCFTTNFYFKGCVEVLRQTD-QLDLFKTYIKTLHGAADPGV-----
 AeaITPL SSFFDIECKGQFNKATFYRLDRICEDCYSLFREPQILSFCKKQCFSTTDYFRGCLDALQLTD-EIETLKPFYIKVLNGADPNTL-----
 CupITPL SSFFEIDCKGQFNKQIFYRLDRICEDCYSLFREPQILSFCKKQCFSTTDYFRGCLDALQLTD-EIETLKPYIKVLNGADPNTL-----
 AngITPL SSFFDIECKGQFNKQIFYRLDRICEDCYSLFREPQILSFCKKQCFSTTDYFRGCLDALQLTD-EIEKFKPLIKVLNGADPNTL-----
 DrmITPL1 SNFFDLECKGIFNKTMFFRLDRICEDCYQLFRETSIHRCLKKDCFSKWFGECLKVLLIPEEISNLQHFLRVNCS-PISFNMGPQT ---
 DrmITPL2 SNFFDLECKGIFNKTMFFRLDRICEDCYQLFRETSIHRCLKKDCFSKWFGECLKVLLIPEEISNLQHFLRVNCS-PISFNMGPQT ---