ERRATUM

Erratum to: Candidates of trichocyst matrix proteins of the dinoflagellate *Oxyrrhis marina*

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Published online: 21 August 2017
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Erratum to: Protoplasma
DOI 10.1007/s00709-017-1148-2

The published version contains mistake. Entries were incorrectly aligned in Table 1. Corrected table is shown below.

The online version of the original article can be found at <http://dx.doi.org/10.1007/s00709-017-1148-2>

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products of the ESTs of *Oxyrrhis marina* are shown. The entire amino acid sequences of the deduced translation products of the ESTs of *Oxyrrhis marina* and of the precursor and mature TMPs of *Paramecium tetraurelia* are compiled in Supplement II_Sequences

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T2-C1 CAMPEP_0190319374 CAMPEP_0190380732	DPLDRLLQTLTDLEDRYVAEQKEDDARNHEYQDACTVDIKAFDKDLAESNRKKIELEARLEGQLYPQRGILQGLVQAQKAQEVVKGYQKDLDDELDAQ NPIAKVVLELLEGMRTKIIVAGQEEEQKSYYEESHWCRTTAKALQREVADAQEDKAELEATIEKAKSSINSL-TEQIAELAAAGQQASTKELDEATQV NPIAKVLELLELGMGRKIVAEAGEEQATYEEYTGWCRKESKALKREVEDAQAVQVELTATIEKATATIDEL-TEKTSDLAASITSAQNDLKDATAV *: : :: * .. : **: .*: .*. **::*: : . ** *: * : : : * . :*: :
continued T2-C1 CAMPEP_0190319374 CAMPEP_0190380732	RAEEKADFEEKVLEHQEATAIIAEARRLFADNIEHESFIQ RAKEAADYSAVAHELSEAIIDMLGRAVTVLERELGGKSLVQ REKEHQDYAAVAELQEAITDIERGIAVLREMPKGSFMQ * :* *: . * .* : .. : : : **:
T2-C1 CAMPEP_0190318988	DPLDRLLQTLT----- RPVTKVVNLLKMDMQAQLADEKNDKTTYEKLVCWCQNNKKAKEEA VATANSRITDLTAAIQ EYAESA KLEVELISQHKK EIAQGKNALS MARADR *: : :: *.
continued T2-C1 CAMPEP_0190318988	----- EHGA EAWYADEKDL IQA IA ALKNAL KQLELPQT SLIH VAHV AQR VLR HEST FAGRL PEARHS L TSL QQPAS AGSYNK QSD IGH IL SSMLEE
continued T2-C1 CAMPEP_0190318988	----- MEKDLAEGQS QSEKN DASYQ ELKSS RTAENDAGK QAAAT KKSEL AE AQVNLEN SKEDLQDTRDALAADT AFLSDLNLRCQGT DKLF EQRVADRNE
continued T2-C1 CAMPEP_0190318988	-----DLEDRYVAEQKEDDARN ELA AVRD TIKILSDDDAETMSRS MNFLQLGSRSGRVAETQARGAARAVLLQAAAKSGS AALLTLAGKVQLDAFTKI KEA IDKMVGELKQEMEDE : *: *. * *: : :
continued T2-C1 CAMPEP_0190318988	HEYQDACTVDIKAFDKDLAESNRKKIELEARLEGQLYPQRGILQGLVQAQKAQEVVKGYQKDLDDELDAQRAEEKADFEEKVLEHQEATAIIAEARRL VKHSDYCTAELNKT EKDLAT NAREK SELEDRIEELTSTMENLSKE IEA-AQKDIADMKVEILKAGQNR EAENADFPATMKDQRETQATILHKAMTR :. * * *: : : **** . * : * * * * * . : : : * * : : : : * * : * : * : *
continued T2-C1 CAMPEP_0190318988	FA----DNIE-----HESFIQ LAVVYGKTQEERIAATGASGLVQ :* .. * ...:*
CAMPEP sequences which T4-A1 CAMPEP_0190384136 CAMPEP_0190382616 CAMPEP_0190326406	fit to T4-A1 in the anterior part GPVGEIQILLNNIASQLNGDQKKADKVHESDTVAFEKIIADLEQEIAYHQTQIVALSNLRDSTTEALGEAEVEVRVVTSDIANNEKSFADESATR SPVTKVIELLGSLAAKVTEGDEEGRQYDKFV EWCEDNAKSLQHELSNAESRKEELAASIEKSES DIEEAETEIGELS ESIAEAEKDLERATEVR SPIDRVVTLTTELKAKI EADGKAEQKIYDKYACWCEQTAAKAKDIADSKEYIEELSTEIEKRKGQLGSLTAELS QLTKDIGDNEKSTSQA KALR SPVTRVVTL LNELKAKIESDGKAEQKVYDKFCWCEKTTGRKAKDIADAKEHI EDLSVEIKRRKGQLGSLSAEL AQLKKDIS SNKASQKEATS LR . * : : * * : : : : : . : : . * . : : . * : : : : * : : . * . : : . *
continued T4-A1 CAMPEP_0190384136 CAMPEP_0190382616 CAMPEP_0190326406	QSQHD TWVRKDAEHVDQMEAIDEASKIVQHLQAGVAF AQLKS TAQHNDWVN RNAELSETIDTLSRALALVKKNVAGLTQVDVQA QKQH QEYLQTKNELEEAVGALDKAIRALAGA--GTGAG--- NKEHAS YVQTKNEMEEAIGA LEKAINSLSGA--GMNTGSLIS :* : : . * : : : : . * : *
CAMPEP sequences which T4-A1 CAMPEP_0190384136 CAMPEP_0190304688 CAMPEP_0190302652 CAMPEP_0190319222	fit to T4-A1 in the posterior part GPVGEIQILLNNIASQLNGDQKKADKVHESDTVAFEKIIAD-----LEQEIAYHQTQIVALSNLRDSTTEALGEAEVEVRVVTSDIANNEKS F SPVTKVIELLGSLAAKVTEG-----DEEGRQYDQFV EWCEDNAKSLQHELSNAESRKEELAASIEKSES DIEEAETEIGELS ESIAEAEKDL NPISKVIDLIGLSLKSKVVQEG-----VTEQYESYEKFAKWCKAEATQKQY EIRDGNSVEQLSATIEKADATI QELDARI AKLT TTISTNENDL NPISKVIELLHG LREKVVTEG-----EAEQVGYEKFAKWCKDESTQKKFEIEDGNQVDSL TATIEKATASI QELDSKIEKLTAA VNQNEADL NPISKVLDLLSGLRSKVVADG-----ETEQKS YE EFAKWCKTESTEKKFEIEDGNQVDSL TATIEKATASI SELDSKIEKLTAA VNQNEKDL * : : : * : : : : : : : : : : * : .. * : : : * : : : : : * : :
continued T4-A1 CAMPEP_0190384136 CAMPEP_0190304688 CAMPEP_0190302652 CAMPEP_0190319222	ADESAT RQSQHD TWVRKDAEHVDQMEAIDEASKIVQHL-QAGVAF AQLKS ERATQVRTAQHNDWVN RNAELSETIDTLSRALALVKKNVAG---LTQVD GAAKDMRKKEHEDYSSNDKESVEIDTLEKAIATLEKALKKGSTLVQV V N SAATEVRHKEHEDYLANDKELVEAIDTLQRAITAVLEKALKKGSSLIQAVA DAATT VRHT EHEDYLATDKEMVEAIDTLERAIGVLEKALKKGSSLIQAVK . * *: : : * : : : : . * : : :
T4-A2 CAMPEP_0190329298	NKSIKILELLAQIRQQLVASRASL LATERQAANWEVQSSHLEQEH---KRIVERKAFLENSIVQFKVTIQEA VE DLEDQTLFLEDAEDSLAI NAKSGKILGLLQMQEGMEHEDEESTAEKAQAEFAELKTTLKK EIATQTNKINDKTT---ALADTKVDLENSESDLEETQATLEADEKFLAD * * * * * * * : : : : . * * : : : : : : : : * * : : : : * * *
continued T4-A2 CAMPEP_0190329298	QERWAAEQESQYEAQTFEREQQLLEVVERLQEVLTQ----KLSAASEFLQVREEVF LEETCTKADNEYDARVKERSEELQAVAETIRILTSDEAH ELFSSSGQFVQVQQTTS * . : : : : * : . * : * : * . : * : . * : * : * : .
CAMPEP sequences which T4-B1 CAMPEP_0190384136 CAMPEP_0190382616 CAMPEP_0190326406	fit to T4-B1 in the anterior part GPVGEIQILLNNIASQLNGDQKKADKVHESDTVAFEKIIADLEQEIAYHQTQIVALSNLRDSTTEALGEAEVEVRVVTSDIANNEKSFADESATR SPVTKVIELLGSLAAKVTEGDEEGRQYDKFV EWCEDNAKSLQHELSNAESRKEELAASIEKSES DIEEAETEIGELS ESIAEAEKDLERATEVR SPIDEIQILLNNIASQLNGDQKKADKVHESDTVAFEKIIADLEQEIAYHQTQIVALSNLRDSTTGQLGSLTAELS QLTKDIGDNEKSTSQA KALR SPVTRVVTL LNELKAKIESDGKAEQKVYDKFCWCEKTTGRKAKDIADAKEHI EDLSVEIKRRKGQLGSLSAEL AQLKKDIS SNKASQKEATS LR . * : : * * : : : : . : : . * . : : : : * : : : : * : : : : * : : . *
continued T4-B1 CAMPEP_0190384136 CAMPEP_0190382616 CAMPEP_0190326406	QSQHD TWVRKDAEHVDQMEAIDEASKIVQHLQAGVAF AQLKS TAQHNDWVN RNAELSETIDTLSRALALVKKNVAGLTQVDVQA QKQH QEYLQTKNELEEAVGALDKAIRALAGA--GTGAG--- NKEHAS YVQTKNEMEEAIGA LEKAINSLSGA--GMNTGSLIS :* : : . * : : : : . * : *

Table 1 (continued)

[illegible]