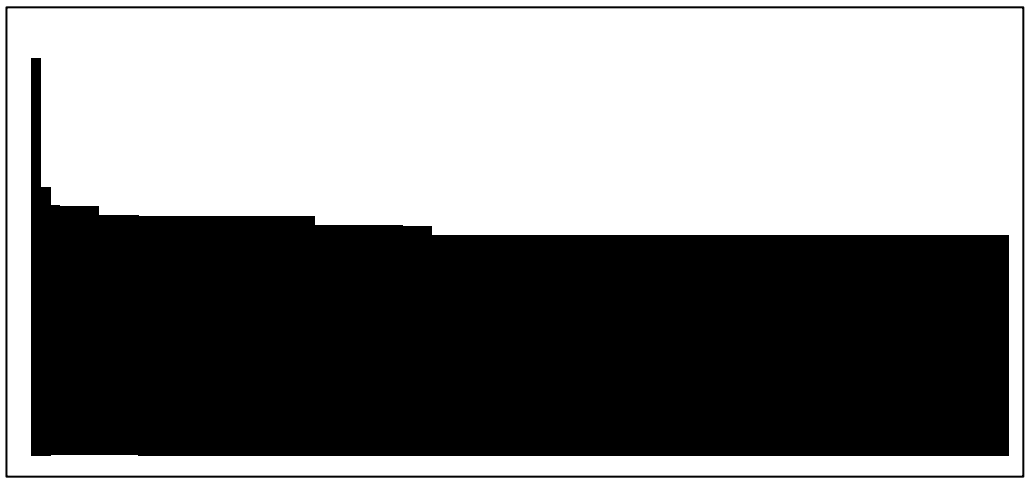
# OTU_81;size=22967;.csv

## Conchapelopia sp. AJ−2011

## Chironomidae

## Diptera

# 98.62



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Conchapelopia sp. AJ−2011 isolate LH1−6 cytochrome | JF764765 | 98.62 | 100 | 3.12118e−101 | Diptera | Chironomidae | Conchapelopia sp. AJ−2011 |
| Conchapelopia sp. BOLD:ACQ3496 voucher PK−194−5 cy | KT248898 | 92.59 | 99.54 | 2.56428e−83 | Diptera | Chironomidae | Conchapelopia sp. BOLD:ACQ3496 |
| Conchapelopia sp. BOLD:ACJ8833 voucher BIOUG08518− | KM636733 | 91.71 | 100 | 3.80573e−81 | Diptera | Chironomidae | Conchapelopia sp. BOLD:ACJ8833 |
| Conchapelopia sp. ES01 voucher CCDB−08167−F08 cyto | KR427331 | 91.67 | 99.54 | 1.32833e−80 | Diptera | Chironomidae | Conchapelopia sp. ES01 |
| Tanypodinae sp. BOLD:ACL2805 voucher BIOUG10694−D0 | KR286910 | 91.67 | 99.54 | 1.32833e−80 | Diptera | Chironomidae | Tanypodinae sp. BOLD:ACL2805 |
| Diamesa nr. hyperborea BOLD:AAL5996 voucher BIOUG0 | KM934147 | 91.67 | 99.54 | 1.32833e−80 | Diptera | Chironomidae | Diamesa nr. hyperborea BOLD:AAL5996 |
| Diamesa nr. hyperborea BOLD:AAL5996 voucher BIOUG0 | KM938445 | 91.67 | 99.54 | 1.32833e−80 | Diptera | Chironomidae | Diamesa nr. hyperborea BOLD:AAL5996 |
| Anopheles sp. 7 BSL−2014 cytochrome oxidase subuni | KJ522835 | 91.24 | 100 | 1.61824e−79 | Diptera | Culicidae | Anopheles sp. 7 BSL−2014 |
| Conchapelopia sp. BOLD:ACJ8833 voucher BIOUG09424− | KM648245 | 91.24 | 100 | 1.61824e−79 | Diptera | Chironomidae | Conchapelopia sp. BOLD:ACJ8833 |
| Conchapelopia sp. BOLD:ACJ8833 voucher BIOUG09366− | KM647115 | 91.24 | 100 | 1.61824e−79 | Diptera | Chironomidae | Conchapelopia sp. BOLD:ACJ8833 |
| Conchapelopia sp. BOLD:ACJ8833 voucher BIOUG09321− | KM643213 | 91.24 | 100 | 1.61824e−79 | Diptera | Chironomidae | Conchapelopia sp. BOLD:ACJ8833 |
| Diamesa sp. BOLD:AAL5996 voucher BIOUG09923−C01 cy | KR436423 | 91.2 | 99.54 | 5.64821e−79 | Diptera | Chironomidae | Diamesa sp. BOLD:AAL5996 |
| Tanypodinae sp. BOLD:ACL2805 voucher BIOUG09891−B0 | KR275882 | 91.2 | 99.54 | 5.64821e−79 | Diptera | Chironomidae | Tanypodinae sp. BOLD:ACL2805 |
| Diamesa nr. hyperborea BOLD:AAL5996 voucher BIOUG0 | KM955560 | 91.2 | 99.54 | 5.64821e−79 | Diptera | Chironomidae | Diamesa nr. hyperborea BOLD:AAL5996 |
| Diamesa nr. hyperborea BOLD:AAL5996 voucher BIOUG0 | KM948583 | 91.2 | 99.54 | 5.64821e−79 | Diptera | Chironomidae | Diamesa nr. hyperborea BOLD:AAL5996 |
| Diamesa nr. hyperborea BOLD:AAL5996 voucher BIOUG0 | KM948408 | 91.2 | 99.54 | 5.64821e−79 | Diptera | Chironomidae | Diamesa nr. hyperborea BOLD:AAL5996 |
| Diamesa nr. hyperborea BOLD:AAL5996 voucher BIOUG0 | KM948019 | 91.2 | 99.54 | 5.64821e−79 | Diptera | Chironomidae | Diamesa nr. hyperborea BOLD:AAL5996 |
| Diamesa nr. hyperborea BOLD:AAL5996 voucher BIOUG0 | KM946742 | 91.2 | 99.54 | 5.64821e−79 | Diptera | Chironomidae | Diamesa nr. hyperborea BOLD:AAL5996 |
| Diamesa nr. hyperborea BOLD:AAL5996 voucher BIOUG0 | KM943079 | 91.2 | 99.54 | 5.64821e−79 | Diptera | Chironomidae | Diamesa nr. hyperborea BOLD:AAL5996 |
| Diamesa nr. hyperborea BOLD:AAL5996 voucher BIOUG0 | KM942323 | 91.2 | 99.54 | 5.64821e−79 | Diptera | Chironomidae | Diamesa nr. hyperborea BOLD:AAL5996 |
| Diamesa nr. hyperborea BOLD:AAL5996 voucher BIOUG0 | KM941542 | 91.2 | 99.54 | 5.64821e−79 | Diptera | Chironomidae | Diamesa nr. hyperborea BOLD:AAL5996 |
| Diamesa nr. hyperborea BOLD:AAL5996 voucher BIOUG0 | KM937589 | 91.2 | 99.54 | 5.64821e−79 | Diptera | Chironomidae | Diamesa nr. hyperborea BOLD:AAL5996 |
| Diamesa nr. hyperborea BOLD:AAL5996 voucher BIOUG0 | KM933282 | 91.2 | 99.54 | 5.64821e−79 | Diptera | Chironomidae | Diamesa nr. hyperborea BOLD:AAL5996 |
| Diamesa nr. hyperborea BOLD:AAL5996 voucher BIOUG0 | KM931565 | 91.2 | 99.54 | 5.64821e−79 | Diptera | Chironomidae | Diamesa nr. hyperborea BOLD:AAL5996 |
| Diamesa nr. hyperborea BOLD:AAL5996 voucher BIOUG0 | KM931023 | 91.2 | 99.54 | 5.64821e−79 | Diptera | Chironomidae | Diamesa nr. hyperborea BOLD:AAL5996 |
| Diamesa nr. hyperborea BOLD:AAL5996 voucher BIOUG0 | KM930650 | 91.2 | 99.54 | 5.64821e−79 | Diptera | Chironomidae | Diamesa nr. hyperborea BOLD:AAL5996 |
| Diamesa nr. hyperborea BOLD:AAL5996 voucher BIOUG0 | KM937894 | 91.2 | 99.54 | 5.64821e−79 | Diptera | Chironomidae | Diamesa nr. hyperborea BOLD:AAL5996 |
| Diamesa nr. hyperborea BOLD:AAL5996 voucher BIOUG0 | KM627258 | 91.2 | 99.54 | 5.64821e−79 | Diptera | Chironomidae | Diamesa nr. hyperborea BOLD:AAL5996 |
| Diamesa nr. hyperborea BOLD:AAL5996 voucher BIOUG0 | KM635901 | 91.2 | 99.54 | 5.64821e−79 | Diptera | Chironomidae | Diamesa nr. hyperborea BOLD:AAL5996 |
| Diamesa arctica voucher BIOUG16774−C02 cytochrome | KR427787 | 90.78 | 100 | 1.97142e−78 | Diptera | Chironomidae | Diamesa arctica |
| Chironomidae sp. BOLD:ACC1090 voucher BIOUG03043−F | KP038631 | 90.78 | 100 | 1.97142e−78 | Diptera | Chironomidae | Chironomidae sp. BOLD:ACC1090 |
| Chironomidae sp. BOLD:ACC1090 voucher BIOUG04065−C | KM931929 | 90.78 | 100 | 1.97142e−78 | Diptera | Chironomidae | Chironomidae sp. BOLD:ACC1090 |
| Anopheles crawfordi mitochondrial COI gene for cyt | AB779179 | 90.78 | 100 | 1.97142e−78 | Diptera | Culicidae | Anopheles crawfordi |
| Anopheles crawfordi mitochondrial COI gene for cyt | AB779175 | 90.78 | 100 | 1.97142e−78 | Diptera | Culicidae | Anopheles crawfordi |
| Anopheles crawfordi mitochondrial COI gene for cyt | AB779173 | 90.78 | 100 | 1.97142e−78 | Diptera | Culicidae | Anopheles crawfordi |
| Anopheles crawfordi mitochondrial COI gene for cyt | AB781755 | 90.78 | 100 | 1.97142e−78 | Diptera | Culicidae | Anopheles crawfordi |
| Anopheles crawfordi mitochondrial COI gene for cyt | AB781754 | 90.78 | 100 | 1.97142e−78 | Diptera | Culicidae | Anopheles crawfordi |
| Anopheles crawfordi mitochondrial COI gene for cyt | AB779181 | 90.78 | 100 | 1.97142e−78 | Diptera | Culicidae | Anopheles crawfordi |
| Diamesa nr. hyperborea BOLD:AAL5996 voucher BIOUG0 | KM626777 | 90.74 | 99.54 | 6.88092e−78 | Diptera | Chironomidae | Diamesa nr. hyperborea BOLD:AAL5996 |
| Anopheles lindesayi voucher LI2_SMMU cytochrome ox | KF830751 | 90.74 | 99.54 | 6.88092e−78 | Diptera | Culicidae | Anopheles lindesayi |
| Anopheles lindesayi voucher LI1_SMMU cytochrome ox | KF830750 | 90.74 | 99.54 | 6.88092e−78 | Diptera | Culicidae | Anopheles lindesayi |
| Diamesa arctica voucher BIOUG16809−F04 cytochrome | KR445646 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16810−G11 cytochrome | KR445516 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16772−C04 cytochrome | KR445311 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16772−A07 cytochrome | KR445285 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16810−C01 cytochrome | KR445229 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16810−F11 cytochrome | KR445166 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16773−G07 cytochrome | KR444935 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16771−H04 cytochrome | KR444775 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16808−D08 cytochrome | KR444760 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16773−B02 cytochrome | KR444710 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16771−F12 cytochrome | KR444645 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16774−E09 cytochrome | KR444625 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16808−H07 cytochrome | KR444596 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16772−C05 cytochrome | KR444557 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16774−H05 cytochrome | KR444511 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16773−E06 cytochrome | KR444438 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16771−D05 cytochrome | KR444187 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16810−E11 cytochrome | KR443995 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16772−H07 cytochrome | KR443983 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16771−F07 cytochrome | KR443933 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16774−B10 cytochrome | KR443892 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16771−H03 cytochrome | KR443638 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16809−B10 cytochrome | KR443636 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16808−B11 cytochrome | KR443307 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16809−B11 cytochrome | KR443208 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16771−D06 cytochrome | KR443119 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16772−E12 cytochrome | KR443027 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16773−G04 cytochrome | KR442689 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16774−B12 cytochrome | KR442603 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16811−B04 cytochrome | KR442560 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16810−G01 cytochrome | KR442519 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16774−B02 cytochrome | KR442447 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16773−A12 cytochrome | KR442372 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16771−D04 cytochrome | KR442337 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16773−B03 cytochrome | KR442118 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16809−A07 cytochrome | KR441990 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16771−H01 cytochrome | KR441746 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16773−D07 cytochrome | KR441667 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16772−D06 cytochrome | KR441597 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16809−C01 cytochrome | KR441012 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16774−A09 cytochrome | KR440981 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16810−F01 cytochrome | KR440800 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16774−E01 cytochrome | KR440790 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16808−E07 cytochrome | KR440787 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16771−G04 cytochrome | KR440664 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16771−D03 cytochrome | KR440635 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16773−C05 cytochrome | KR440364 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16772−H08 cytochrome | KR440264 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16808−F10 cytochrome | KR440097 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16774−G09 cytochrome | KR439964 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16810−C10 cytochrome | KR439873 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16809−D08 cytochrome | KR439776 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16771−F09 cytochrome | KR439700 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16772−G11 cytochrome | KR439648 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16773−E01 cytochrome | KR439437 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16809−C06 cytochrome | KR439198 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16774−E07 cytochrome | KR439061 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16810−G05 cytochrome | KR438735 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |
| Diamesa arctica voucher BIOUG16809−C10 cytochrome | KR438704 | 90.32 | 100 | 8.38268e−77 | Diptera | Chironomidae | Diamesa arctica |