

## Specimen Details Current

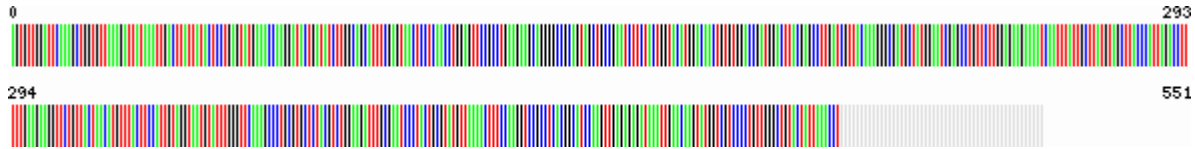
**Sample ID:** GCUL-FDGK-491  
**Process ID:** GCUJG491-13  
**Project:** GCUJG  
**Tax Names:** Magnoliophyta, Magnoliopsida, Asterales, Asteraceae, Brachyscome, Brachyscome cardiocarpa  
**Taxon:** Brachyscome cardiocarpa  
**Rank Name:** species  
**Sampling Protocol:** N/A  
**BIN URI:** N/A  
**Kingdom:** Plantae

## Marker Summary

| Marker Code | Sequence Length | GC    | Ambiguous | Trace Count |
|-------------|-----------------|-------|-----------|-------------|
| rbcLa       | 501             | 43.3% | 0%        | 2           |
| matK        | 781             | 36%   | 0%        | 2           |

## rbcLa

### Illustrative Barcode



### Nucleotide Sequence

```

AGTGTGGATTCAAAGCTGGTATAAGATTATAAATTGACTTATTATACTCCTGAGTATGAAACCAAG
GATACTGATATCTTGGCAGCATTCGAGTAACTCCTCAACCTGGAGTTCGCGCTGAAGAAGCAGGGGCC
GCAGTAGCTGCCGAATCTTCTACTGGTACATGGACAACCTGTGGAGCCGATGGACTTACGAGCCTTGAT
CGTTACAAGGGGCGATGCTATGGAATCGAGCCTGTCTGGAGAAGAAAATCAATTTATTGCTTATGTA
GCTTACCCATTAGACCTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATTGTAGGTAATGTA
TTTGGGTTCAAAGCCCTGCGTGTCTACGCTGGAAGATTTGCGAATCCCTACTGCGTATGTTAAACT
TTCAAAGGTCGCGCTCACGGCATCCAAGTTGAGAGAGATAAATTGAACAAGTATGGTCGCCCTGTTG
GGCTGTACTATTaAacc t.....
  
```

### Amino Acid Sequence

```

SVGFKAGVKDYKLTYYTPEYETKDTDILAAFRVTPQGVPPPEEAGAAVAESSTGTWTTWTDGLTSLD
RYKGRCYGIEPVLGEENQFIAYVAYPLDLFEEGSVTNMFSTIVGNVFGFKALRALRLEDLRIPTAYVKT
FQGPPIHQVERDKLNKYGRPLLGCTIKP-----
  
```

### Sequence Metadata

**Genbank Accession:** N/A  
**Translation Matrix:** Standard Code  
**Last Updated:** 2013-07-11 13:50:28.018901  
**Sequence Runsite:** Biodiversity Institute of Ontario

### rbcLa Tags & Comments

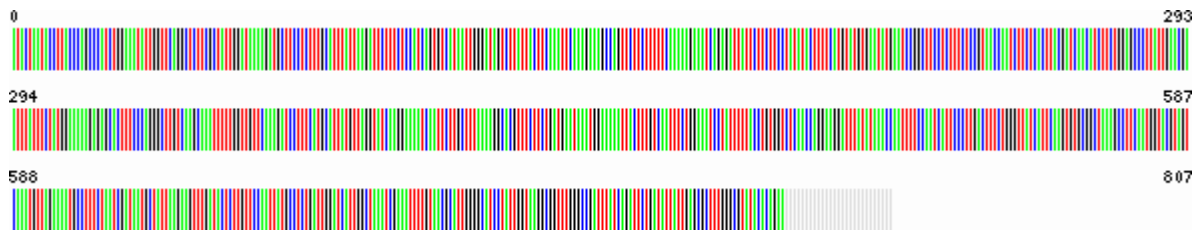
**Sequencing Date** 2013-06-12 18:20:32  
**Trace Direction** F  
**Forward Primer** rbcLa-F  
**Reverse Primer** rbcLa-R  
**Sequence Primer** rbcLa-F  
**Status** high qual  
**Trace Runsite** Biodiversity Institute of Ontario

**Sequencing Date** 2013-06-12 18:14:38  
**Trace Direction** R  
**Forward Primer** rbcLa-F  
**Reverse Primer** rbcLa-R  
**Sequence Primer** rbcLa-R  
**Status** high qual  
**Trace Runsite** Biodiversity Institute of Ontario



## matK

### Illustrative Barcode



### Nucleotide Sequence

ATACTAATACCTTACCCAGCCATCTGGAAATATGGTT CAGGCTCTTCGCTATTGGATAAAAAGATGCT  
 TCCTCTTTGCATTTATTAAGATTCTTTCTCCATCAGTGT CATAATTGGGATAGTCTTATTACTCAAAT  
 TCAAAGAAAGCCAGTTCTCTTTTCAAAAAGAAATCAGAGATTATTCTTCTTCTATATACTTTTCAT  
 GTATGTGAATATGAATCCGGCTTCTCTTTCTCCGTAACCAATCTCTCACATTACGATCAACATCTCT  
 GGAGCCCTTATTGAACGAATTTATTTCTATGGAAAAGAGAGCACTTCCAGGGCTTGCAAGCAAAT  
 TTTTGGTTGTTCAAAGATCCTTTCATGCATATGTTAGGTATCAAGGAAAATCAATCTTGCTTTAAAA  
 GGCACGTTCTTCTGATGAATAAATGGAAAATTACTTTGTCAATTTCTGGAAATCCTATTTTACCTG  
 TGGTCTCAACCAGGAAGGATTTATATAACCAATTTTCCAATCATTCCCTTGACTTTCTGGGTTATCAT  
 TCAAGTGTCCGGCTAAAGCCTTCAATGGTACGTAGTCAAATGTTAGAAAATGCCTTTCTAATCGATAAT  
 GCTATTAAAGAGTTTGATACTCTTGTCCAATATGCCCTCTGATTGGATCATTGGCTAAATCGAAATTT  
 TGTAAACGATTGGGGCATCCTATTGGTAAGGCGGTTTGGGCCGATTATCAGATTCTGATATATTGAG  
 CGCTTTGGCGTATACACAGAA.....

### Sequence Metadata

**Genbank Accession:** N/A  
**Translation Matrix:** Standard Code  
**Last Updated:** 2013-08-09 11:49:12.474907  
**Sequence Runsite:** Biodiversity Institute of Ontario

### Amino Acid Sequence

ILIPYPAHLEILVQALRYWIKDASSLHLLRFFLHQCHNWDLSITSNKKASSSFSKRNQRLFFFLYTFH  
 VCEYESGFLFLRNQSSHLRSTSSGALIERIFYGKREHFPRAQANFWLFKDFPMHYVRVYQGKSLALK  
 GTFLLMNKWKNYFVFWKSYFYLWSQPGRIFYINQFSNHSLDFLGYHSSVRLKPSMVRSQMLENAFIDN  
 AIKKFDTLVPIMPLIGSLAKSKFCNALGHPIGKAVWADLSDSDIIERFGRIRH-----

### matK Tags & Comments

**Sequencing Date** 2013-07-19 11:59:10  
**Trace Direction** R  
**Forward Primer** matK\_xF  
**Reverse Primer** matK-MALPR1  
**Sequence Primer** matK-MALPR1  
**Status** med qual  
**Trace Runsite** Biodiversity Institute of Ontario

**Sequencing Date** 2013-07-19 16:36:52  
**Trace Direction** F  
**Forward Primer** matK\_xF  
**Reverse Primer** matK-MALPR1  
**Sequence Primer** matK\_xF  
**Status** high qual  
**Trace Runsite** Biodiversity Institute of Ontario

