

## Specimen Details Current

**Sample ID:** NIBGE-GCUBG-460  
**Process ID:** GCUBG460-11  
**Project:** GCUBG  
**Tax Names:** Magnoliophyta, Magnoliopsida, Fabales, Fabaceae, Albizia, Albizia lebbeck  
**Taxon:** Albizia lebbeck  
**Rank Name:** species  
**Sampling Protocol:** N/A  
**BIN URI:** N/A  
**Kingdom:** Plantae

## Marker Summary

Marker Code	Sequence Length	GC	Ambiguous	Trace Count
rbcLa	552	43.7%	0%	2
matK	833	28.3%	0%	2
trnH-psbA	407	24.6%	0%	2

## rbcLa

### Illustrative Barcode



### Nucleotide Sequence

AGTGTGGATTCAAAGCtGTGTTAAAGATTATAAATTGACTTATTATACTCCTGACTATGAAACAAA  
 GATAGTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACCTGGAGTTCCGCCTGAAGAAGCAGGTGCC  
 GCGGTAGCTGCTGAATCTTCTACTGGTACATGGACAACGTGTGGGACCGATGGGCTTACCAAGTCTTGAT  
 CGTTACAAGGACGATGCTACCACATCGAGTCCGTTGCTGGAGAAGAAAATCAATATATGGCTTATGTA  
 GCTTATCCCTTAGACCTTTTGAAGAAGTCTGTTACTAACATGTTACTTCGATTGGGTAATGTA  
 TTTGGGTTCAAGGCCCTGCGCGCTCTACGCTGGAAGATTTGCGAATCCCCCTTCTTATTCTAAAAC  
 TTCCAAGGTCGCGCTCACGGCATCCAAGTTGAGAGAGATAAATGGAACAAGTACGGCCGCTCCCTATTG  
 GGATGTACTATTAAACAAAATTGGGGTTATCCGCGAAGAATTACGgTAGAGCGGTTTATGAATGTCTT

### Sequence Metadata

**Genbank Accession:** N/A  
**Translation Matrix:** Standard Code  
**Last Updated:** 2012-10-09 11:51:37.443468  
**Sequence Runsite:** Biodiversity Institute of Ontario

### Amino Acid Sequence

SVFGKAGVKDYKLYTTPDYETKDSIDLAAFRVTPQPGVPPPEAGAAVAEESSTGTWTVMTDGLTSLD  
 RYKRCYHIESVAGEENQYIAYVAYPLDLFEEGSVNMFSTIVGNVFGFKALRALRLEDLRIPPSYSKT  
 FQGPPIHQVERDKLNKYGRPLLGCTIKPKLGLSAKNYGRAVYECL

## rbcLa Tags & Comments

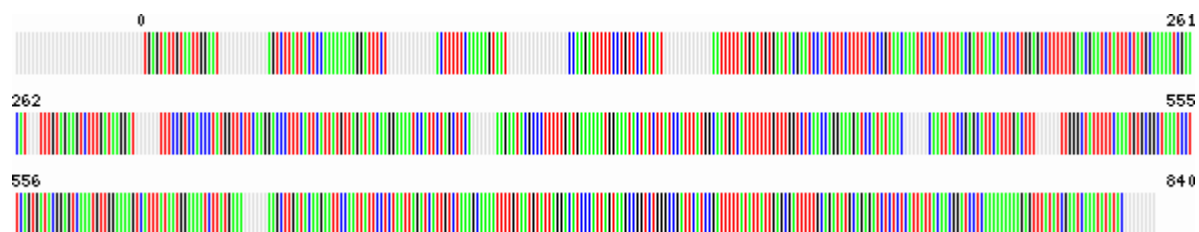
**Sequencing Date** 2011-06-10 15:41:30  
**Trace Direction** F  
**Forward Primer** rbcLa-F  
**Reverse Primer** rbcLa-R  
**Sequence Primer** rbcLa-F  
**Status** high qual  
**Trace Runsite** Biodiversity Institute of Ontario

**Sequencing Date** 2011-06-10 17:08:07  
**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

```

-----TGAGTATTGTAATTGGAAT-----AGTCTT
ATTACTCAAAAAAAGGATTTC-----ACTTTTCAAAAAGTAAT-----
CCAAGATTTTTCCTGTTCCATAT-----AATTTTATGTATGTGAATACGAATCCATCTT
CTTTTTCCTCGTAACAAATCTTCTATTACGATTAACATCTCTGGAGTCTTTTGAACGAATCTAT
TTCTATGCAAAAATCGAACAT---TTTGTAGAAGTCTTTGATAAGGAT-----TTCCGTCCACCCCTA
TGGTTCTTCAAGGACCTTTCAATCATTATGTAGATATCAAGGAAAATCCATCTAGCTTCA-----
AAGAATACGCCCTTTTGTAGAAAAAATGGAATACTATCTATCCATTATGGCAATGTCATTTTTT
GTTGGTCTCAACCAGGAAAGATCCATAAAC-----CAATTATCCGAGCATTATTGACTTT---
---TTGGCTATTTTCAAATGTGCGGCTAAATCTTCAGTGATACGGAGTCAAATGTGGAAAAGTCA
TTTATAATGGAAAATCTATGAAA-----AAGCTTGATACAAGAATTCCAATTATTCCTCTAATTAGA
TCATTGTCTAAAGCAAAATTTTGTAAATGATAGGACATCCCATTAGTAAGCCGGTCTGGCCGATTCA
TCCGATTTTATATTATTGAGCGATTTTGCAGATATGCAGAGATCTCTCATTATTACAACGGATCC
TCAAAAAAAGAGTATTATCGAATCAAATATATAC-----

```

### Sequence Metadata

**Genbank Accession:** N/A  
**Translation Matrix:** Standard Code  
**Last Updated:** 2011-07-11 15:40:01.545652  
**Sequence Runsite:** Biodiversity Institute of Ontario

### Amino Acid Sequence

```

EYCNWN---SLITPKKRIS---TFKSN---PRFFFLY-----NFYVCEYESIFLFRNKSSYLR
LTSSGVFFERIIFYAKIEH-FVEVFDK--FPSTLWFFKDPFIHYVRYQGKSILAS--KNTPLMKKWK
YYLIHLWQCHFFWNSQPGKIHIN--QLSEHSFDF--LGYFSNVRLNPSVIRSQMLEKSFIMENLMK--K
LDRTRPIIPLIRLSLAKFCNVLGHPISKPVWADSSDFYIERFLQICRDLSHYYNGSSKKSLYRIKY
IX--

```

### matK Tags & Comments

**Sequencing Date** 2011-07-06 06:28:54  
**Trace Direction** R  
**Forward Primer** MatK-1RKIM-f  
**Reverse Primer** MatK-3FKIM-r  
**Sequence Primer** MatK-3FKIM-r  
**Status** high qual  
**Trace Runsite** Biodiversity Institute of Ontario

**Sequencing Date** 2011-07-06 08:04:09  
**Trace Direction** F  
**Forward Primer** MatK-1RKIM-f  
**Reverse Primer** MatK-3FKIM-r  
**Sequence Primer** MatK-1RKIM-f  
**Status** high qual  
**Trace Runsite** Biodiversity Institute of Ontario



## trnH-psbA

### Illustrative Barcode



### Nucleotide Sequence

```
GCTATAAATGGATAAAATCTTGGTTTTAATGTATACGAGTTTTGAACGTAAGGAGCAATAATGAATT
TCTTGTCTATCAAGTCAAGAGGGTTAATTTGCTCCTTTACTTTTTAGTAGTTTCATACATCAATTTT
GCATTTACTTCAACATCTTTACCATTGTTTTAAGATAAGAAAAAATATTGGAGTTTCATACTTTTTG
TTCTTTTTTACTAATTTATTTTATACGTTTTCTCAGCAATCTTCTTTATCCTTTGAAATGAAAAAT
AAAAAATGAGAAATGAATGTTTTAATTCTAGTCTATTGTATCTTAGAAGACGATAAAAACTTCACAA
AATAATGAAAAAAAAAAGAGAAGGAATACAAATGGAAATCTCTGTAATTTAGATAGTAT -----
-----
-----
```

### Sequence Metadata

**Genbank Accession:** N/A  
**Translation Matrix:** N/A (Non-coding marker)  
**Last Updated:** 2018-12-12 17:41:05.100472  
**Sequence Runsite:** Centre for Biodiversity Genomics

### Amino Acid Sequence

Not available

### trnH-psbA Tags & Comments

**Sequencing Date** 2018-11-23 22:00:46  
**Trace Direction** F  
**Forward Primer** psbA3\_f  
**Reverse Primer** trnHf\_05  
**Sequence Primer** psbA3\_f  
**Status** high qual  
**Trace Runsite** Centre for Biodiversity Genomics

**Sequencing Date** 2018-11-23 09:15:43  
**Trace Direction** R  
**Forward Primer** psbA3\_f  
**Reverse Primer** trnHf\_05  
**Sequence Primer** trnHf\_05  
**Status** med qual  
**Trace Runsite** Centre for Biodiversity Genomics

