

Specimen Details Current

Sample ID: NIBGE-GCUBG-447
Process ID: GCUBG447-11
Project: GCUBG
Tax Names: Magnoliophyta, Magnoliopsida, Rosales, Moraceae, Ficus, Ficus elastica
Taxon: Ficus elastica
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	42.2%	0%	2
matK	778	28.9%	0%	2
trnH-psbA	237	19.8%	0.8%	2

rbcLa

Illustrative Barcode



Nucleotide Sequence

```

AGTGTGGATTCAAAGCTGGTGTAAAGATTATAAATTGACTTATTACACTCCTCAATATGAAGTCAAA
GATAGTGATATCTTGGCAGCATTTCGAGTAACTCCTCAACCTGGAGTTCCTCCTGAAGAAGCAGGGGCA
GCGGTAGCTGCTGAATCTTCTACTGGTACATGGACAACGTATGGACTGACGGACTTACCAAGTCTTGAT
CGCTACAAGGTCGATGCTACAACATCGAGCCCGTTGCTGGAGAAGAAAATCAATATATGCTTATGTA
GCTTACCCTTTAGACCTTTTGAAGAGGGTCTGTACTAATCTGTTTACTTCCATTGTGGGTAATGTA
TTTGGGTTCAAGGCCCTGCGTGCCTACGTCTGGAAGATTGCGAATCCCTCCTTCTATTCTAAAAC
TTCCAAGGACCACCTCATGGTATCCAAGTTGAGAGAGATAAATTGAACAAGTATGGCCGCCCCCTATTG
GGATGTACTATTAAACCTAAATGGGGTTATCCGCTAAGAATTACGgtAGAGCAGTTTATGAATGtCTT
    
```

Sequence Metadata

Genbank Accession: N/A
Translation Matrix: Standard Code
Last Updated: 2012-10-09 11:51:39.86084
Sequence Runsite: Biodiversity Institute of Ontario

Amino Acid Sequence

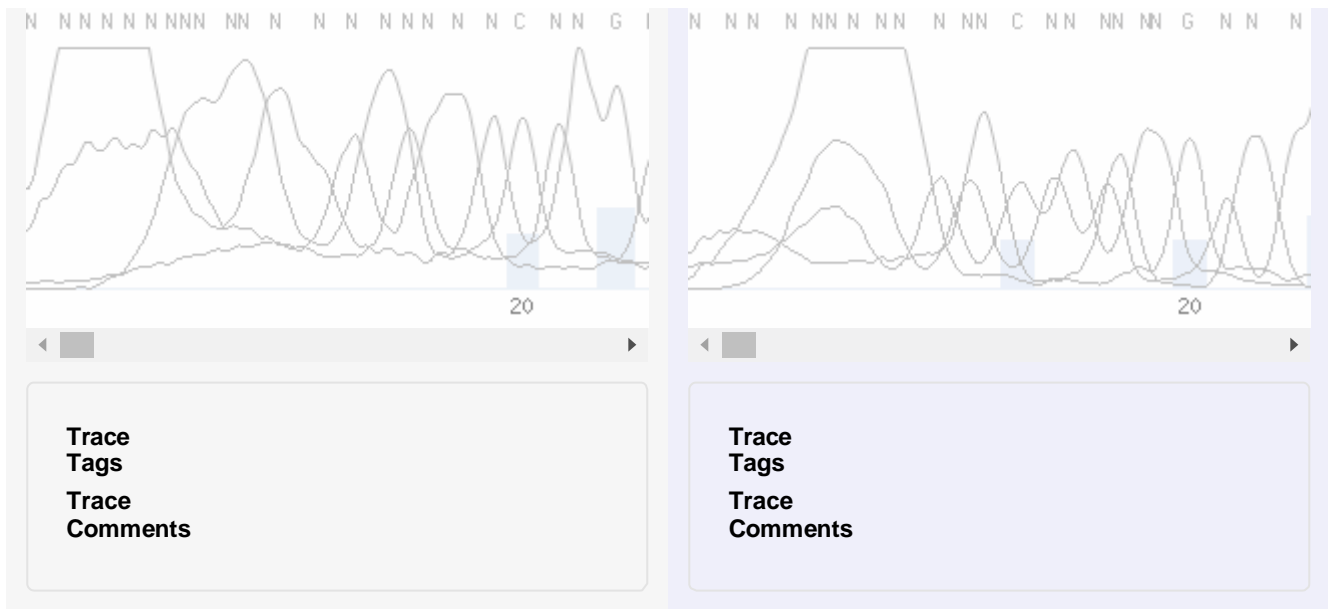
```

SVGFKAGVKDYKLYYTPQYEVKDSILAAFRVTPQPGVPPPEAGAAVAASSTGTWTVWTDGLTSLD
RYKGRYNIIEPVAGEENQYIAYVAYPLDLFEESVNLFTSIVGNVFGFKALRALRLEDLRIPPSYSKT
FQGPPIHQVERDKLNKYGRPLLGGCTIKPKLGLSAKNYGRAVYECL
    
```

rbcLa Tags & Comments

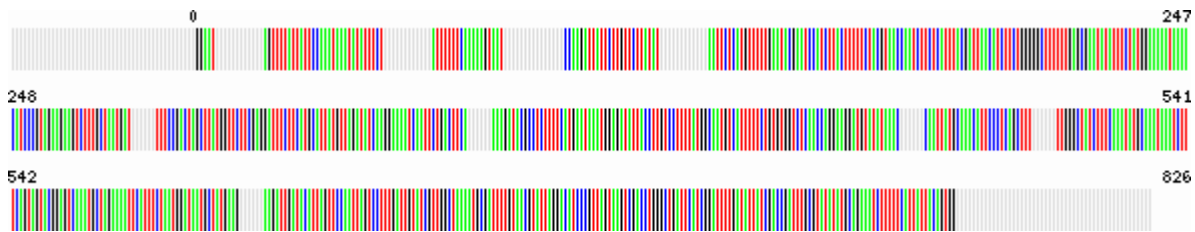
Sequencing Date 2011-06-10 15:41:30
Trace Direction F
Forward Primer rbcLa-F
Reverse Primer rbcLa-R
Sequence Primer rbcLa-F
Status high qual
Trace Runsite Biodiversity Institute of Ontario

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

```

-----GGAAT-----AGTTTT
ATTATTCCAATAAATATATTCT-----ATTTTTCAAAAAGTAAT-----
CCAAGATTATCTTGTTCTTATAT-----AATTCTCATGTTTTGAATACGAATCCATCTTA
CTTTTTCACGTAACCAATCTTCTCATTACGATTAACATCTCTGGGGGCTTTTGGAGCAATATAT
TTCTATGGAAAAATAAACATCCCGTAGAAGAAGCTTTGCTAATGAT-----TTTCCGACTAGCTTA
TGTTCTTCGAGGATTTCTCATGCAATATGTAGATATCAAGGAAAATCAATTCTGACTTCA-----
AAAGATACGCCTCTTTTCATGAATAAATGGAGATATTACCTTGCCCTTTATGGCAATGCAATTTTTCT
GTGGTCTCAACCAGGAAGGATGATATAAAC-----CAATTATGCAAAACATCCCTCAGCTTTT---
---TTGGGCTATCTTTCAAATATGCAATAAATCTTTCAGTAGTACGGAGTCAAATGCTAGAAAAATCA
TTTCTAATGGATAATGCATGAAG-----AAGATTGATACATTAGTTCCAATTAGTCCCTTTGATTGTA
TCGTTGGCTAAAATGCGATTTTGTAAAGTATTAGGACATCCCGTTAGTAAGTCGACCTGGGCTGATTCA
TCGGATTTGATATTATCGACCGATTTCGGTATATATGACAGAAATCTTTTTCATTATTACAGTGG----

```

Sequence Metadata

Genbank Accession: N/A
Translation Matrix: Standard Code
Last Updated: 2011-07-11 15:40:01.319324
Sequence Runsite: Biodiversity Institute of Ontario

Amino Acid Sequence

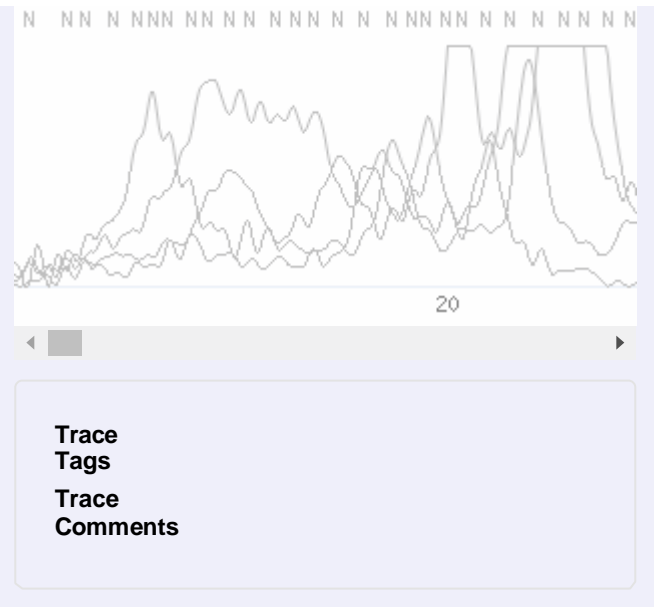
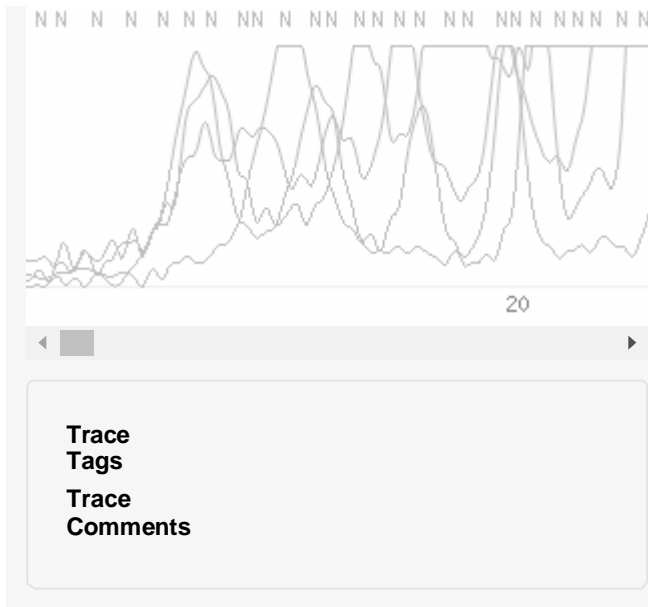
```

N----SFIIPNKYIS----IFSKSN----PRLFLFLY-----NSHVF EYESILLFLRNQSSHLRLTSSG
GFFERIYFGKIKHPVEEVFAND--FPTSLWFEDFFMHYVRYQGKSILTS--KDTPLFMNKWRYLVL
LWQCHFVSWSQPRMYIN--QLCKHLSLF--LGYLSNMQINLSVVRSQLMNSFLMDNAMK--KIDTLV
PISPLIVSLAKMRF CNVLGHPVSKSTWADSSDFDIIDRFAYICRNLFHYSX-----

```

matK Tags & Comments

Sequencing Date	2011-07-06 06:28:54	Sequencing Date	2011-07-06 08:04:09
Trace Direction	R	Trace Direction	F
Forward Primer	MatK-1RKIM-f	Forward Primer	MatK-1RKIM-f
Reverse Primer	MatK-3FKIM-r	Reverse Primer	MatK-3FKIM-r
Sequence Primer	MatK-3FKIM-r	Sequence Primer	MatK-1RKIM-f
Status	high qual	Status	med qual
Trace Runsite	Biodiversity Institute of Ontario	Trace Runsite	Biodiversity Institute of Ontario



trnH-psbA

Illustrative Barcode



Nucleotide Sequence

TGGATAAGACTTCTATATTATATTAGTGTATACGAGTTTTGAAAATGAAAATAAGGAGCAATAATA
 ACCTCTGTATATCANGAGGTTATATTGCTCCTTATTTTCATAATAAATTATTTGTTAGTCT
 TTTATTAAACATAAGTCTTTTTTCTTACTTCTCNCATTTTTTCGTTATGTAGTAATTTATATATAT
 GTTTTTCTTAATCTTTTATTATACATTTA-----

Sequence Metadata

Genbank Accession: N/A
Translation Matrix: N/A (Non-coding marker)
Last Updated: 2018-12-12 17:41:04.792515
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 med 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 low qual
Trace Runsite Centre for Biodiversity Genomics

