

Specimen Details Current

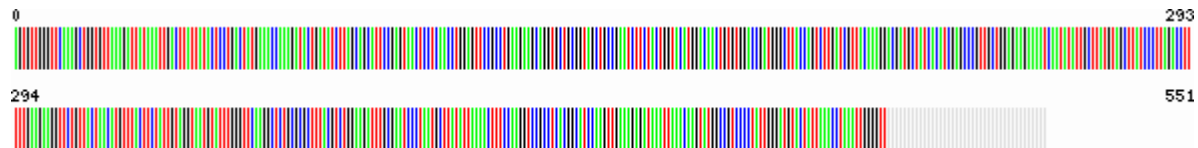
Sample ID:	GCUL-FDGK-659
Process ID:	GCUDG659-13
Project:	GCUDG
Tax Names:	Magnoliophyta, Magnoliopsida, Rosales, Moraceae, Morus, Morus macroura
Taxon:	Morus macroura
Rank Name:	species
Sampling Protocol:	N/A
BIN URI:	N/A
Kingdom:	Plantae

Marker Summary

Marker Code	Sequence Length	GC	Ambiguous	Trace Count
rbcLa	512	41.8%	0%	2
matK	784	32.7%	0%	2

rbcLa

Illustrative Barcode



Nucleotide Sequence

AGTGTGGGTCAAAGCTGGTGTAAAGATTATAAATTGACTTATTATACTCCTGACTATGAAACCAAA
GATACTGATATCTTAGCAGCATTCCGAGTAACCTCAACCTGGAGTTCCGCCTGAAGAAGCAGGTGCT
GCGGTAGCTGCCGAATCTTCTACTGGTACATGGACAACCTGTGTGGACCGATGGGCTTACCACTTTGAT
CGTTACAAAGGACGATGCTATCACATCGAGCCCGTTGCTGGAGAAGAAAATCAATATATTGCTTATGTA
GCTTATCCCTTAGACCTTTTGAAGAAGTTCTGTACTAACATGTTTACTTCTATTGTAGGTAATGTA
TTTGGGTTCAAGGCTCTGCGCGCTTTACGCTGGAAGATTGCGAATCCCTAATGCTTATATTAAACT
TTCCAAGGTCGCCCTCACGGCATCCAAGTTGAAAGAGATAAATTAAACAAGTATGGCCgtCCCCATTG
GGATGTACTATTaAACCTAAAT TGGGGTT

Sequence Metadata

Genbank Accession:	N/A
Translation Matrix:	Standard Code
Last Updated:	2013-07-11 14:21:25.288569
Sequence Runsite:	Biodiversity Institute of Ontario

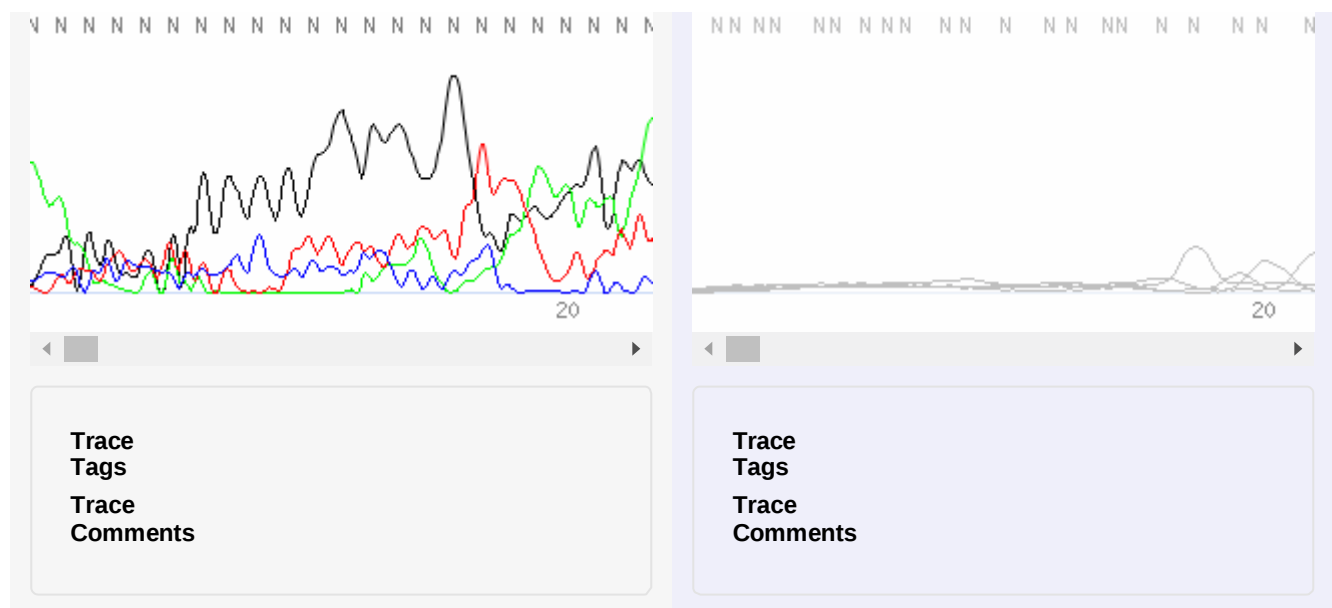
Amino Acid Sequence

SVGFKAGVKDYKLTYYTPDYETKDDIILAAFRVTPQGPVPEEAGAavaaesstgtwttvtdgltSLD
RYKGRCYHIEPVAGEENQYIAYVAYPLDLFEEGSVTNMFTSIVGNVFGFKALRALRLLEDLRIPNAYIKT
FQGPPhgIQVERDKLNKYGRPLLGCTIKPKLGX-----

rbcLa Tags & Comments

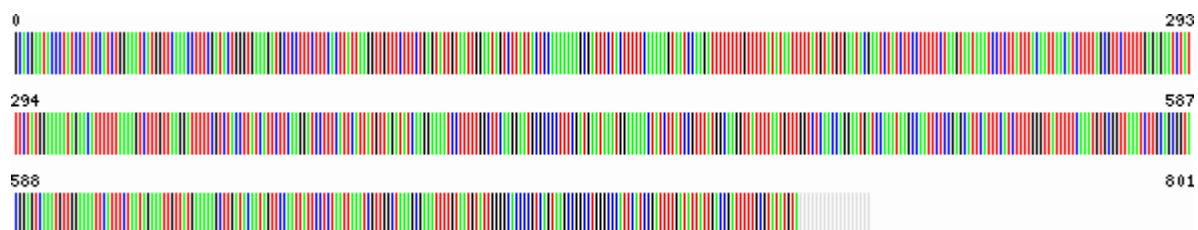
Sequencing Date	2013-06-12 15:20:26
Trace Direction	F
Forward Primer	rbcLa-F
Reverse Primer	rbcLa-R
Sequence Primer	rbcLa-F
Status	failed
Trace Runsite	Biodiversity Institute of Ontario

Sequencing Date	2013-06-12 21:15:05
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

GCACGAATACCTATCCTATCCATCTGGAAATCATGGTTCAAACCTTTCGATACTGGGTGAAAGATGCT
CCTTTCTTTACCTATTAAAGGTTGTTCTTCTGAGTATGTAATTGGAATAGTCTATTACTCCAAAA
AAAGCGATTCTACTTTTCAAAAAGTAATCCAAGATTTTTTGTGTTTATATAATTTTATGATGT
GAATACGAATCTATCTTCTTTTCTAAGTAATAATCCTCTTATTACAATTAACTCTTTTAGCGTT
CTTTTGAAGAAATCTATTCTATGGAATAATAGAACATTTTTTAAAGTCTTTGTTAAGGATTTTCG
TCTACCTTATCATTCTCAAGGATCCTTTTCTTATTATGTTAGATATCAAGGAAATCCTTTTGGGT
TCAAGGAATGCGCCCTTTTCGATGAATAAATGGAATACTCTTATCCGTTTATGGCAAGGTTATTT
AATGTTTGGTCTCAACCAAGGAATGATCCAATAAGCCAATTCTCCGAGCATTCTTTCATCTTTGGGT
TATTTTCAAATGTGCGGTAAATCTTGACGCGTACGAGTCAAATGTGGAATAATCATTCTAATA
GAAATTTGATGAAAAAGCTTGATACAATAGTTCCAATTATCTCTAAATTAATCGTTGGCTAAAGCG
AAATTTTGAATGATTGGGGCACCCGTCAGTAAGCCGGCTGGGCCATTCCGATTTTGATATT
ATTGACCGATTTTTCGCTATATGTA-----

Sequence Metadata

Genbank Accession: N/A
Translation Matrix: Standard Code
Last Updated: 2013-08-09 13:16:00.771225
Sequence Runsites: Biodiversity Institute of Ontario

Amino Acid Sequence

ARIPYPIHLEIMVQTFRYWVKDAPFFHLLRLFLSEYCNWNSLITPKAISTFSKSNPRFFLYNFYVC
EYESIFLFSNKKSSYLQTSFVLFERIFYFGKIEHFLKVFVKDFSTLSFFKDPFIHYVRYQKGSFLA
SRNAPLSMNKWNLYIRLWQGYFNWSPQGMISQFSEHSFHLGYFSNVRLNLAARVSQMLENSFLI
EIVMKKLDITVPIIPLIKSLAKAKFCNVLGHPVSKPAWAHSDFDIIDRFLRICX-----

matK Tags & Comments

Sequencing Date 2013-07-24 19:24:00
Trace Direction F
Forward Primer matK_xF
Reverse Primer matK-MALPR1
Sequence Primer rbcLa-F
Status high qual
Trace Runsites Biodiversity Institute of Ontario

Sequencing Date 2013-07-24 17:30:01
Trace Direction R
Forward Primer matK_xF
Reverse Primer matK-MALPR1
Sequence Primer rbcLa-R
Status high qual
Trace Runsites Biodiversity Institute of Ontario

