

Specimen Details Current

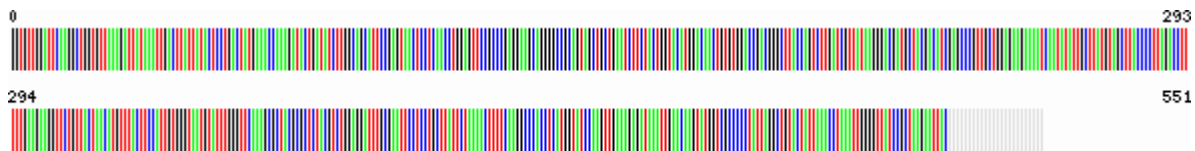
Sample ID: GCUL-FDGK-604
Process ID: GCUDG604-13
Project: GCUDG
Tax Names: Magnoliophyta, Magnoliopsida, Myrtales, Myrtaceae, Eucalyptus
Taxon: Eucalyptus
Rank Name: genus
Sampling Protocol: N/A
BIN URI: N/A
Kingdom: Plantae

Marker Summary

Marker Code	Sequence Length	GC	Ambiguous	Trace Count
rbcLa	528	43.6%	0%	2
matK	780	33.7%	0%	2

rbcLa

Illustrative Barcode



Nucleotide Sequence

GGTGTTGGATTCAAGGCTGGTGTAAAGATTATAAATTGACTTATTATACTCCTGACTATGAAACAAA
 GATACTGATATCTTGGCAGCATTCAGTAACCTCAACCTGGAGTTCGCCCGAGGAAGCAGGGGCC
 GCAGTAGCTGCTGAATCTTCTACTGGTACATGGACAACGTGTGGACCGACGGGTTACCAAGTCTTGAT
 CGTTATAAGGGACGATGCTACGACATCGAGCCGGTTGCTGGAGAAGAAAATCAATATATGGCTTATGTA
 GCTTACCCTTAGACCTTTTGAAGAAGTCTGTTACTAACATGTTTACTTCCATTGGGGTAATGTA
 TTTGGGTTCAAAGCGCTACGCGCTCTACGCTGGAGGATTTGCGAATTCCTCCTGCTTATCTAAAAC
 TTTCAAAGGCCACCTCATGGTATCCAAGTTGAAAGAGATAAATGGAACAAGTATGGTCGCCCTATTA
 GGCTGTACTATTAAACCTAAATGGGGTTATCCGCTAAGAATTAC-----

Amino Acid Sequence

GVGFKAGVKDYKLYYTPDYETKDTDLAAFRVTPQPGVPPPEEAGAAVAESSTGTWTTWTDGLTSLD
 RYKRCYDIIEPVAGEENQYIAYVAYPLDLFE EGSVTNMFSTIVGNVFGFKALRALRLEDLRIPPAYSKT
 FQGPPIQIQRDKLNKYGRPLLGGCTIKPKLGLSAKNY-----

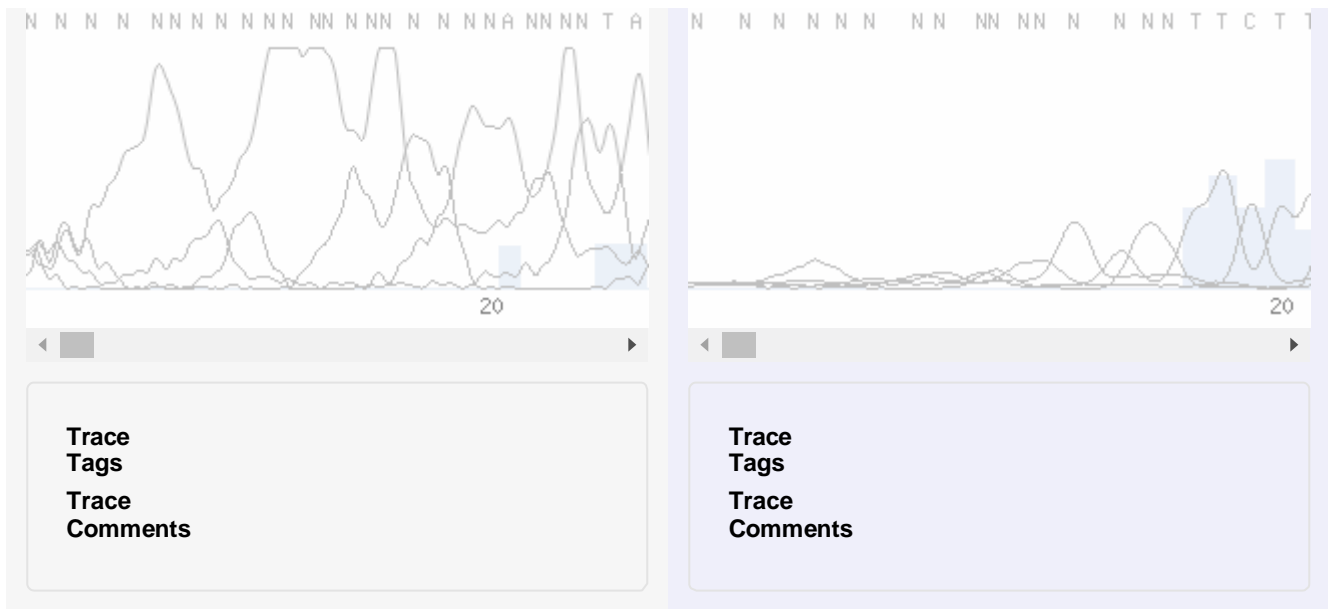
Sequence Metadata

Genbank Accession: N/A
Translation Matrix: Standard Code
Last Updated: 2013-07-11 14:21:24.700988
Sequence Runsite: Biodiversity Institute of Ontario

rbcLa Tags & Comments

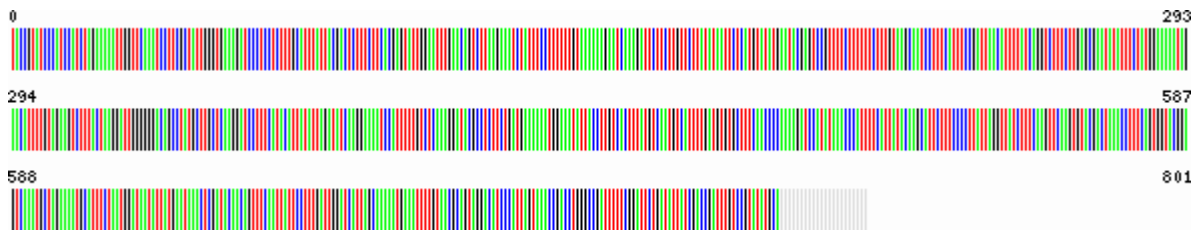
Sequencing Date 2013-06-12 15:20:26
Trace Direction F
Forward Primer rbcLa-F
Reverse Primer rbcLa-R
Sequence Primer rbcLa-F
Status low qual
Trace Runsite Biodiversity Institute of Ontario

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

TACCGTATCCCATCCATCTAGAAAAATGGTTCAAATCCTCGCTATTGGGTGAAAGATCCCTCCTCTT
 TGCATTTATTACGACTCTTCTTCACGAGTATTGGAATTTGAACAGCTCTAAGAAATCTATTTCCCTTT
 TTGTA AAAAAGAATCAAAGATTCTTCTGTCTTATATAAATCTCATGTATATGAATACGAGTCCGTTT
 TCTTTTCTTTGTAAGCAATCCTTTCATTTCCGATTAAACATTTTATCAGGCTTTCTTGAGCGAATAT
 ATTTCTATGGAAAAATAGAACATTTTGTAGAAGTCTTTACTAAGGATTGGGGGACAGCCTATGCTTGC
 TCAAGGATCCTTTTCATACATTATATTAGATATCAAGGAAAATCCATTTTGTCTCAAAGGATACGCCCTC
 TTCTGATGAAAAAATGGAATATACCTTGTGCACTTTATGTCAATGTCAATTTGATGTGTGCTTCAAC
 CCAAAGATCCATATAAACCCATTTTCATATACAAGCATCTTTCCCTTATTAGGTATCTTTCAA
 GTTCAAGTGTACGACTAAACCTTTCAGTGGTACGGAGTCAAATGCTAGAAAAATGCATTTCTAATGGATA
 ATATTATGAATAAACTCGATACAAACAGTTTCAATATTCCCTTGGATGGATCATTAGCAAAAAATGAAAT
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 ACCGATTTGCCGTATATGCA.....

Sequence Metadata

Genbank Accession: N/A
Translation Matrix: Standard Code
Last Updated: 2013-08-09 13:16:00.137907
Sequence Runsite: Biodiversity Institute of Ontario

Amino Acid Sequence

PYPHLEKLVQILRYWVKDPSSLHLRLFLHEYWNLNLSKKSISFFVKKNRFFFLYNSHVYEVESVF
 FFLCKQSFHFRLTFYQVFLERIFYGKIEHFVEVFTKDWGDSLCLLKDPFIHYIRYQKGSIFVSKDTP
 LMKKKYYLVTLQCQHFVDFVQPKIHINPFLYKHSFLLGLVSSSVRLNLSVRSQMLENAFLMDN
 IMNKLDTTYSIIPLIGSLAKMKFCNAVGHPI SKPTWADFSDSDIIDRFVRI CX-----

matK Tags & Comments

Sequencing Date	2013-07-24 19:24:00	Sequencing Date	2013-07-24 17:30:01
Trace Direction	F	Trace Direction	R
Forward Primer	matK_xF	Forward Primer	matK_xF
Reverse Primer	matK-MALPR1	Reverse Primer	matK-MALPR1
Sequence Primer	rbcLa-F	Sequence Primer	rbcLa-R
Status	med qual	Status	high qual
Trace Runsite	Biodiversity Institute of Ontario	Trace Runsite	Biodiversity Institute of Ontario

