

Fact sheet of reference DNA sequences of *Crocus sativus* (番紅花)

Summary	Information
Scientific name	<i>Crocus sativus</i> L.
Type of reference material used for data generation	● Stigma Croci (西紅花) ● Plant voucher specimen
Stigma Croci (西紅花) (number of specimens / locality)	● 7 / Jiande City, Zhejiang Province, China ● 8 / Chongming District, Shanghai City, China
Plant voucher specimen (number of specimens / locality)	● 2 / Jiande City, Zhejiang Province, China ● 3 / Chongming District, Shanghai City, China
Total number of specimen	● 20
Specimen source	● GCMTI collection ● Hong Kong Chinese Materia Medica Standards (HKCMMS) Project
Method for data generation	● GCMTI RD-5:2020

Length of DNA barcode	● Nuclear internal transcribed spacer 2 (ITS2) is 239 bp ● Chloroplast <i>psbA-trnH</i> intergenic spacer (<i>psbA-trnH</i>) is 546 bp ● Chloroplast ribulose biphosphate carboxylase large chain (<i>rbcL</i>) is 553 bp
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Reference DNA Sequence

Plant Specimen

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI210528-2

>RD636-1D ITS2

CGCCTCCCGTCGCTCCCCACAGCCGTGCGGATGCGGA
GATTGGCCCCGCGTGTCCGTGCGCGGCGGGTCAAG
TGCCGGCCGTCGTCGGGCCTGGCGCGGCGAATGGTGG
ACGAATACATCGTTGTTTGTGCTACTCTCCGTGTCCT
TGCCCTCAACAATGCGACRTGTCTGTCGTCGGACCCCT
CACCATGGACCCTTCCGGCTTCCGAATAAGAAGAAGG
AACCGTCCTCGGAACG

Remarks: observation at nucleotide position 168

Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*)

Batch ID. BI210528-2

>RD636-1D_psbA-trnH

TAAGAGTTCTCTATTAATGTATATGAATCGTTGAAGG
ATCCATGCCCCATATTTGTTTTCTAAAAACAAATATG
GGGCTATGGATCCCCACCCTTGTTTGATCTATCCAA
AATTAACGACGAGATTATTATCGTTTCTCGCATGTCT
CGCGAAAGTCAGAGTAGGCGCGAATTCCTCCCAATTTG
TGACCTACCATAACGATCTGTTATATAAATAGGCAAAT
GTCCTTTCCATTATGAATAGCGATTGTATGGCCAATC
ATTGTGGGTATAATGGTAGATGCCCGAGACCAAGTTA
CTATTATTCTTTCTCCTCCCTCATGTTGAGTTTTTGAA
TTTTTCCCGATAAATGATTGGCTACAAAAGGATTTTT
TTTAGTGAACGTGTCACAGCGGATTACTCCTTTTTTTA
CATTTTAAAGATTGGCATTCTATGTCCAATAGAATAT
CTCGATCGAAGTATGAAGGTAAGAATAAATAACAATA
ATGATGAATGGAAAAAGAGAAAAATCCTTTAGCTAG
ATAAGGGGCGGATGTAGCCAAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI210528-2

>RD636-1D_rbcL

AAAGTGCTGGATTAAAGGCTGGTGTAAAGATTACAGA
TTGACTTATTATACTCCGGAGTACGAAACCAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACCTCAACC
CGGAGTTCCTGCTGAAGAAGCGGGGGCAGCGGTAGC
TGCGGAATCTTCTACTGGTACATGGACAACAGTGTGG
ACTGATGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTATCATAATCGAGGCCGTTGTTGGGGAGGAAAA
TCAATATATTGCTTATGTAGCTTATCCTTTAGACCTTT
TTGAAGAAGGTTCTGTTACTAATATGTTTACTTCCATT
GTGGGTAATGTATTGGTTTCAAAGCCCTACGAGCTC
TACGTCTGGAGGATTTGCGAATCCCCCTGCTTATTCC
AAAACCTTTCAAGGCCCAACCCATGGCATCCAGGTTG
AAAGAGATAAAATTAACAAGTATGGTCGTCCCTATT
GGGATGTACTATTAAACCAAAATTGGGATTATCTGCA
AAAAACTACGGTAGAGCGGTTTATGAATGTCTA

Reference Detail

Description of reference material	Plant voucher specimen
Scientific name	<i>Crocus sativus</i> L.
Laboratory number	RD636
Sample mark	RD636-1D
Locality	Jiande City, Zhejiang Province, China
Corresponding CMM specimen	RD595
Authenticated	Yes
Remarks	ITS2: 168R

Image



Reference DNA Sequence

Plant Specimen

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI210528-2

>RD637-1C ITS2

CGCCTCCCGTCGCTCCCCACAGCCGTGCGGATGCGGA
GATTGGCCCCGCGTGTCCGTGCGCGGCGGGTCAAG
TGCCGGCCGTGCTCGGGCCTGGCGCGGCAATGGTGG
ACGAATACATCGTTGTTTGTGCCTACTCTCCGTGTCCT
TGCCCTCAACAATGCGACRTGTCTGTCGTCGGACCCCT
CACCATGGACCCTTCCGGCTTCCGAATAAGAAGAAGG
AACCGTCCTCGGAACG

Remarks: observation at nucleotide position 168

Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*)

Batch ID. BI210528-2

>RD637-1C_psbA-trnH

TAAGAGTTCTCTATTAATGTATATGAATCGTTGAAGG
ATCCATGCCCCATATTTGTTTTCTAAAAACAAATATG
GGGCTATGGATCCCCACCCTTGTTTGATCTATCCAA
AATTAACGACGAGATTATTATCGTTTCTCGCATGTCT
CGCGAAAGTCAGAGTAGGCGCGAATTCCTCCCAATTTG
TGACCTACCATAACGATCTGTTATATAAATAGGCAAAT
GTCCTTTCCATTATGAATAGCGATTGTATGGCCAATC
ATTGTGGGTATAATGGTAGATGCCCAGACCAAGTTA
CTATTATTCTTTCTCCTCCCTCATGTTGAGTTTTTGAA
TTTTTCCCGATAAATGATTGGCTACAAAAGGATTTTTT
TTTAGTGAACGTGTACAGCGGATTACTCCTTTTTTTA
CATTTTAAAGATTGGCATTCTATGTCCAATAGAATAT
CTCGATCGAAGTATGAAGGTAAGAATAAATAACAATA
ATGATGAATGGAAAAAGAGAAAAATCCTTTAGCTAG
ATAAGGGGCGGATGTAGCCAAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI210528-2

>RD637-1C_rbcL

AAGTGCTGGATTAAAGGCTGGTGTAAAGATTACAGA
TTGACTTATTATACTCCGGAGTACGAAACCAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACC
CGGAGTTCCTGCTGAAGAAGCGGGGCGAGCGGTAGC
TGCGGAATCTTCTACTGGTACATGGACAACAGTGTGG
ACTGATGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTATCATAATCGAGGCCGTTGTTGGGGAGGAAAA
TCAATATATTGCTTATGTAGCTTATCCTTTAGACCTTT
TTGAAGAAGGTTCTGTTACTAATATGTTTACTTCCATT
GTGGGTAATGTATTGGTTTCAAAGCCCTACGAGCTC
TACGTCTGGAGGATTTGCGAATTCCTTCTTATTCC
AAAACCTTTCAAGGCCCAACCCATGGCATCCAGGTTG
AAAGAGATAAAATTAACAAGTATGGTCGTCCCTATT
GGGATGTACTATTAAACCAAAATTGGGATTATCTGCA
AAAAACTACGGTAGAGCGGTTTATGAATGTCTA

Reference Detail

Description of reference material	Plant voucher specimen
Scientific name	<i>Crocus sativus</i> L.
Laboratory number	RD637
Sample mark	RD637-1C
Locality	Jiande City, Zhejiang Province, China
Corresponding CMM specimen	RD595
Authenticated	Yes
Remarks	ITS2: 168R

Image



Reference DNA Sequence

Plant Specimen

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI210528-2

>RD638-1C ITS2

CGCCTCCCGTCGCTCCCCACAGCCGTGCGGATGCGGA
GATTGGYCCGCCGTGCTCCGTGCGCGGCGGGTCGAAG
TGCCGGCCGTGCTCGGGCCTGGCGCGGCGAATGGTGG
ACGAATACATCGTTGTTTGTGCTACTCTCCGTGTCCT
TGCCCTCAACAATGYGACRTGTGCTCGTGGACCCCT
CACCATGGACCCTTCCGGCTCCGAATAAGAAGAAGG
AACCGTCCTCGGAACG

Remarks: observation at nucleotide position 44, 164, 168

Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*)

Batch ID. BI210528-2

>RD638-1C_psbA-trnH

TAAGAGTTCTCTATTAATGTATATGAATCGTTGAAGG
ATCCATGCCCATATTTGTTTTCTAAAAACAAATATG
GGGTATGGATCCCCACCCTTGTTGATCTATCCAA
AATTAACGACGAGATTATTATCGTTTCTCGCATGTCT
CGCGAAAGTCAGAGTAGGCGCGAATTCCTCCAATTTG
TGACCTACCATAACGATCTGTTATATAAATAGGCAAAT
GCTCCTTTCCATTATGAATAGCGATTGTATGGCCAATC
ATTGTGGGTATAATGGTAGATGCCCGAGACCAAGTTA
CTATTATTCTTTCTCCTCCCTCATGTTGAGTTTTTGAA
TTTTTCCCGATAAATGATTGGCTACAAAAGGATTTTT
TTTAGTGAACGTGTCACAGCGGATTACTCCTTTTTTTA
CATTTTAAAGATTGGCATTCTATGTCCAATAGAATAT
CTCGATCGAAGTATGAAGGTAAGAATAAATAACAATA
ATGATGAATGGAAAAAGAGAAAAATCCTTTAGCTAG
ATAAGGGGCGGATGTAGCCAAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI210528-2

>RD638-1C_rbcL

AAGTGCTGGATTAAAGGCTGGTGTAAAGATTACAGA
TTGACTTATTATACTCCGGAGTACGAAACCAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACCTCCTCAACC
CGGAGTTCCTGCTGAAGAAGCGGGGCGAGCGGTAGC
TGCGGAATCTTCTACTGGTACATGGACAACAGTGTGG
ACTGATGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTATCATAATCGAGGCCGTTGTTGGGGAGGAAAA
TCAATATATTGCTTATGTAGCTTATCCTTTAGACCTTT
TTGAAGAAGGTTCTGTTACTAATATGTTTACTTCCATT
GTGGGTAATGTATTGGTTTCAAAGCCCTACGAGCTC
TACGTCTGGAGGATTTGCGAATTCCTTCTTATTCC
AAAACCTTTCAAGGCCCAACCCATGGCATCCAGTTG
AAAGAGATAAAATTAACAAGTATGGTCGTCCCCTATT
GGGATGTACTATTAAACCAAAATTGGGATTATCTGCA
AAAAACTACGGTAGAGCGGTTTATGAATGTCTA

Reference Detail

Description of reference material	Plant voucher specimen
Scientific name	<i>Crocus sativus</i> L.
Laboratory number	RD638
Sample mark	RD638-1C
Locality	Chongming District, Shanghai City, China
Corresponding CMM specimen	RD596
Authenticated	Yes
Remarks	ITS2: 44Y, 164Y, 168R

Image



Reference DNA Sequence

Plant Specimen

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI210528-2

>RD639-1C ITS2

CGCCTCCCGTCGCTCCCCACAGCCGTGCGGATGCGGA
GATTGGCCCCGCGTGTCCGTGCGCGGCGGGTCAAG
TGCCGGCCGTGCTCGGGCCTGGCGCGGCAATGGTGG
ACGAATACATCGTTGTTTGTGCCTACTCTCCGTGTCCT
TGCCCTCAACAATGCGACRTGTCGTGTCGGACCCCT
CACCATGGACCCTTCCGGCTTCCGAATAAGAAGAAGG
AACCGTCCTCGGAACG

Remarks: observation at nucleotide position 168

Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*)

Batch ID. BI210528-2

>RD639-1C_psbA-trnH

TAAGAGTTCTCTATTAATGTATATGAATCGTTGAAGG
ATCCATGCCCCATATTTGTTTTCTAAAACAAAATATG
GGGCTATGGATCCCCACCCTTGTTTGATCTATCCAA
AATTAACGACGAGATTATTATCGTTTCTCGCATGTCT
CGCGAAAGTCAGAGTAGGCGCGAATTCCTCCAATTTG
TGACCTACCATAACGATCTGTTATATAAATAGGCAAAT
GTCCTTTCCATTATGAATAGCGATTGTATGGCCAATC
ATTGTGGGTATAATGGTAGATGCCCGAGACCAAGTTA
CTATTATTCTTTCTCCTCCCTCATGTTGAGTTTTTGAA
TTTTTCCCGATAAATGATTGGCTACAAAAGGATTTTT
TTTAGTGAACGTGTCACAGCGGATTACTCCTTTTTTTA
CATTTTAAAGATTGGCATTCTATGTCCAATAGAATAT
CTCGATCGAAGTATGAAGGTAAGAATAAATACAATA
ATGATGAATGGAAAAAGAGAAAAATCCTTTAGCTAG
ATAAGGGGCGGATGTAGCCAAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI210528-2

>RD639-1C_rbcL

AAGTGCTGGATTAAAGGCTGGTGTAAAGATTACAGA
TTGACTTATTATACTCCGGAGTACGAAACCAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACC
CGGAGTTCCTGCTGAAGAAGCGGGGCGAGCGGTAGC
TGCGGAATCTTCTACTGGTACATGGACAACAGTGTGG
ACTGATGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTATCATAATCGAGGCCGTTGTTGGGGAGGAAAA
TCAATATATTGCTTATGTAGCTTATCCTTTAGACCTTT
TTGAAGAAGGTTCTGTTACTAATATGTTTACTTCCATT
GTGGGTAATGTATTGGTTTCAAAGCCCTACGAGCTC
TACGTCTGGAGGATTTGCGAATTCCTTCTTATTCC
AAAACCTTTCAAGGCCCAACCCATGGCATCCAGTTG
AAAGAGATAAAATTAACAAGTATGGTCGTCCCTATT
GGGATGTACTATTAAACCAAAATTGGGATTATCTGCA
AAAAACTACGGTAGAGCGGTTTATGAATGTCTA

Reference Detail

Description of reference material	Plant voucher specimen
Scientific name	<i>Crocus sativus</i> L.
Laboratory number	RD639
Sample mark	RD639-1C
Locality	Chongming District, Shanghai City, China
Corresponding CMM specimen	RD596
Authenticated	Yes
Remarks	ITS2: 168R

Image



Reference DNA Sequence

Plant Specimen

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI210528-2

>RD640-1C ITS2

CGCCTCCCGTCGCTCCCCACAGCCGTGCGGATGCGGA
GATTGGYCCGCCGTGCTCCGTGCGCGGCGGGTCGAAG
TGCCGGCCGTGCTCGGGCCTGGCGCGGCGAATGGTGG
ACGAATACATCGTTGTTTGTGCCTACTCTCCGTGTCCT
TGCCCTCAACAATGYGACRTGTCGTGTCGGACCCCT
CACCATGGACCCTTCCGGCTTCCGAATAAGAAGAAGG
AACCGTCCTCGGAACG

Remarks: observation at nucleotide position 44, 164, 168

Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*)

Batch ID. BI210528-2

>RD640-1C_psbA-trnH

TAAGAGTTCTCTATTAATGTATATGAATCGTTGAAGG
ATCCATGCCCATATTTGTTTTCTAAAAACAAATATG
GGGCTATGGATCCCCACCCTTGTTTGATCTATCCAA
AATTAACGACGAGATTATTATCGTTTCTCGCATGTCT
CGCGAAAGTCAGAGTAGGCGCGAATTCCTCCCAATTTG
TGACCTACCATAACGATCTGTTATATAAATAGGCAAAT
GCTCCTTTCCATTATGAATAGCGATTGTATGGCCAATC
ATTGTGGGTATAATGGTAGATGCCCGAGACCAAGTTA
CTATTATTCTTTCTCCTCCCTCATGTTGAGTTTTTGAA
TTTTTCCCGATAAATGATTGGCTACAAAAGGATTTTTT
TTTAGTGAACGTGTCACAGCGGATTACTCCTTTTTTTA
CATTTTAAAGATTGGCATTCTATGTCCAATAGAATAT
CTCGATCGAAGTATGAAGGTAAGAATAAATAACAATA
ATGATGAATGGAAAAAGAGAAAAATCCTTTAGCTAG
ATAAGGGGCGGATGTAGCCAAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI210528-2

>RD640-1C_rbcL

AAGTGCTGGATTAAAGGCTGGTGTAAAGATTACAGA
TTGACTTATTATACTCCGGAGTACGAAACCAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACCTCTCAACC
CGGAGTTCCTGTGAAGAAGCGGGGCGAGCGGTAGC
TGCGGAATCTTCTACTGGTACATGGACAACAGTGTGG
ACTGATGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTATCATAATCGAGGCCGTTGTTGGGGAGGAAAA
TCAATATATTGCTTATGTAGCTTATCCTTTAGACCTTT
TTGAAGAAGGTTCTGTTACTAATATGTTTACTTCCATT
GTGGGTAATGTATTGTTTCAAAGCCCTACGAGCTC
TACGTCTGGAGGATTTGCGAATCCCCCTGCTTATTCC
AAAACCTTTCCAAGGCCCAACCCATGGCATCCAGTTG
AAAGAGATAAAATTAACAAGTATGGTCGTCCCCTATT
GGGATGTACTATTAAACCAAAATTGGGATTATCTGCA
AAAAACTACGGTAGAGCGGTTTATGAATGTCTA

Reference Detail

Description of reference material	Plant voucher specimen
Scientific name	<i>Crocus sativus</i> L.
Laboratory number	RD640
Sample mark	RD640-1C
Locality	Chongming District, Shanghai City, China
Corresponding CMM specimen	-
Authenticated	Yes
Remarks	ITS2: 44Y, 164Y, 168R

Image



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI210517

>RD595-1A ITS2

CGCCTCCCGTCGCTCCCCACAGCCGTGCGGATGCGGA
GATTGGYCCGCCGTGCTCCGTGCGCGGCGGGTCGAAG
TGCCGGCCGTGCTCGGGCCTGGCGCGCGAATGGTGG
ACGAATACATCGTTGTTGTGCCTACTCTCCGTGTCCT
TGCCCTCAACAATGYGACRTGTCGTCGTCGGACCCCT
CACCATGGACCCTTCCGGCTTCCGAATAAGAAGAAGG
AACCGTCCTCGGAACG

Remarks: observation at nucleotide position 44, 164, 168

Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*)

Batch ID. BI210517

>RD595-1A_psbA-trnH

TAAGAGTTCTCTATTAATGTATATGAATCGTTGAAGG
ATCCATGCCCATATTTGTTTTCTAAAAACAAATATG
GGGCTATGGATCCCCACCCTTGTTGATCTATCCAA
AATTAACGACGAGATTATTATCGTTTCTCGCATGTCT
CGCGAAAGTCAGAGTAGGCGCGAATTCCTCCCAATTTG
TGACCTACCATAACGATCTGTTATATAAATAGGCAAT
GTCCTTTCCATTATGAATAGCGATTGTATGGCCAATC
ATTGTGGGTATAATGGTAGATGCCGAGACCAAGTTA
CTATTATTCTTTCTCCTCCCTCATGTTGAGTTTTGAA
TTTTTCCCGATAAATGATTGGCTACAAAAGGATTTTT
TTTAGTGAACGTGTACAGCGGATTACTCCTTTTTTTA
CATTTTAAAGATTGGCATTCTATGTCCAATAGAATAT
CTCGATCGAAGTATGAAGGTAAGAATAAATACAATA
ATGATGAATGGAAAAAAGAGAAAAATCCTTTAGCTAG
ATAAGGGGCGGATGTAGCCAAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI210517

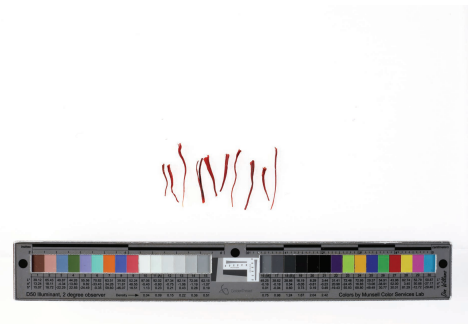
>RD595-1A_rbcL

AAGTGCTGGATTAAAGGCTGGTGTAAAGATTACAGA
TTGACTTATTATACTCCGGAGTACGAAACCAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACC
CGGAGTTCCTGCTGAAGAAGCGGGGCGAGCGGTAGC
TGCGGAATCTTCTACTGGTACATGGACAACAGTGTGG
ACTGATGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTATCATAATCGAGGCCGTTGTTGGGGAGGAAAA
TCAATATATTGCTTATGTAGCTTATCCTTTAGACCTTT
TTGAAGAAGGTTCTGTTACTAATATGTTTACTTCCATT
GTGGGTAATGTATTGTTTCAAAGCCCTACGAGCTC
TACGTCTGGAGGATTTGCGAATTCCTGCTTATTC
AAAACCTTTCAAGGCCCAACCATGGCATCCAGGTTG
AAAGAGATAAAATTAACAAGTATGGTCGTCCTTATT
GGGATGTACTATTAAACCAAAATTGGGATTATCTGCA
AAAAACTACGGTAGAGCGGTTTATGAATGTCTA

Reference Detail

Description of reference material	Specimen of Stigma Croci
Scientific name	<i>Crocus sativus</i> L.
Laboratory number	RD595
Sample mark	RD595-1A
Locality	Jiande City, Zhejiang Province, China
Corresponding plant voucher specimen	RD636, RD637
Authenticated	Yes
Remarks	ITS2: 44Y, 164Y, 168R

Image



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI210517

>RD595-2B ITS2

CGCCTCCCGTCGCTCCCCACAGCCGTGCGGATGCGGA
GATTGGYCCGCCGTGCTCCGTGCGCGGCGGGTCGAAG
TGCCGGCCGTGCTCGGGCCTGGCGCGCGCAATGGTGG
ACGAATACATCGTTGTTTGTGCCTACTCTCCGTGTCCT
TGCCCTCAACAATGYGACRTGTCGTCGTCGGACCCCT
CACCATGGACCCTTCCGGCTTCCGAATAAGAAGAAGG
AACCGTCCTCGGAACG

Remarks: observation at nucleotide position 44, 164, 168

Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*)

Batch ID. BI210517

>RD595-2B_psbA-trnH

TAAGAGTTCTCTATTAATGTATATGAATCGTTGAAGG
ATCCATGCCCCATATTTGTTTTCTAAAACAAAATATG
GGGCTATGGATCCCCACCCTTGTTGATCTATCCAA
AATTAACGACGAGATTATTATCGTTTCTCGCATGTCT
CGCGAAAGTCAGAGTAGGCGCGAATTCCTCCAATTTG
TGACCTACCATAACGATCTGTTATATAAATAGGCAAAT
GTCCTTTCCATTATGAATAGCGATTGTATGGCCAATC
ATTGTGGGTATAATGGTAGATGCCCGAGACCAAGTTA
CTATTATTCTTTCTCCTCCCTCATGTTGAGTTTTGAA
TTTTTCCCGATAAATGATTGGCTACAAAAGGATTTTTT
TTTAGTGAACGTGTACAGCGGATTACTCCTTTTTTTA
CATTTTAAAGATTGGCATTCTATGTCCAATAGAATAT
CTCGATCGAAGTATGAAGGTAAGAATAAATAACAATA
ATGATGAATGGAAAAAAGAGAAAAATCCTTTAGCTAG
ATAAGGGGCGGATGTAGCCAAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI210517

>RD595-2B_rbcL

AAGTGCTGGATTAAAGGCTGGTGTAAAGATTACAGA
TTGACTTATTATACTCCGGAGTACGAAACCAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACC
CGGAGTTCCTGCTGAAGAAGCGGGGCGAGCGGTAGC
TGCGGAATCTTCTACTGGTACATGGACAACAGTGTGG
ACTGATGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTATCATAATCGAGGCCGTTGTTGGGGAGGAAAA
TCAATATATTGCTTATGTAGCTTATCCTTTAGACCTTT
TTGAAGAAGGTTCTGTACTAATATGTTTACTTCCATT
GTGGGTAATGTATTGTTTCAAAGCCCTACGAGCTC
TACGTCTGGAGGATTTGCGAATTCCTTCTTATTC
AAAACCTTTCAAGGCCCAACCCATGGCATCCAGGTTG
AAAGAGATAAAATTAACAAGTATGGTCGTCCCTATT
GGGATGTACTATTAAACCAAAATTGGGATTATCTGCA
AAAAACTACGGTAGAGCGGTTTATGAATGTCTA

Reference Detail

Description of reference material	Specimen of Stigma Croci
Scientific name	<i>Crocus sativus</i> L.
Laboratory number	RD595
Sample mark	RD595-2B
Locality	Jiande City, Zhejiang Province, China
Corresponding plant voucher specimen	RD636, RD637
Authenticated	Yes
Remarks	ITS2: 44Y, 164Y, 168R

Image



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BIC220601

>RD595-4B ITS2

CGCCTCCCGTCGCTCCCCACAGCCGTGCGGATGCGGA
GATTGGCCCCGCGTGTCCGTGCGCGGCGGGTCGAAG
TGCCGGCCGTCGTCGGGCCTGGCGCGCGAATGGTGG
ACGAATACATCGTTGTTGTGCCTACTCTCCGTGTCCT
TGCCCTCAACAATGCGACRTGTGTCGTCGGACCCCT
CACCATGGACCCTTCCGGCTCCGAATAAGAAGAAGG
AACCGTCCTCGGAACG

Remarks: observation at nucleotide position 168

Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*)

Batch ID. BIC220601

>RD595-4B_psbA-trnH

TAAGAGTTCTCTATTAATGTATATGAATCGTTGAAGG
ATCCATGCCCCATATTTGTTTTCTAAAACAAAATATG
GGGCTATGGATCCCCACCCTTGTTGATCTATCCAA
AATTAACGACGAGATTATTATCGTTTCTCGCATGTCT
CGCGAAAGTCAGAGTAGGCGCGAATTCCTCCAATTTG
TGACCTACCATACGATCTGTTATATAAATAGGCAAAT
GTCCTTTCCATTATGAATAGCGATTGTATGGCCAATC
ATTGTGGGTATAATGGTAGATGCCCCGAGACCAAGTTA
CTATTATTTCTTTCCTCCCTCATGTTGAGTTTTTGAA
TTTTTCCCGATAAATGATTGGCTACAAAAGGATTTTTT
TTTAGTGAACGTGTACAGCGGATTACTCCTTTTTTTA
CATTTTAAAGATTGGCATTCTATGTCCAATAGAATAT
CTCGATCGAAGTATGAAGGTAAGAATAAATAACAATA
ATGATGAATGGAAAAAAGAGAAAATCCTTTAGCTAG
ATAAGGGGCGGATGTAGCCAAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BIC220601

>RD595-4B_rbcL

AAGTGCTGGATTAAAGGCTGGTGTAAAGATTACAGA
TTGACTTATTATACTCCGGAGTACGAAACCAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACC
CGGAGTTCCTGTGAAGAAGCGGGGCGAGCGGTAGC
TGCGGAATCTTCTACTGGTACATGGACAACAGTGTGG
ACTGATGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTATCATAATCGAGGCCGTTGTTGGGGAGGAAAA
TCAATATATTGCTTATGTAGCTTATCCTTTAGACCTTT
TTGAAGAAGGTTCTGTACTAATATGTTTACTTCCATT
GTGGGTAATGTATTGGTTTCAAAGCCCTACGAGCTC
TACGTCTGGAGGATTTGCGAATTCCTTCTTATTCC
AAAACCTTTCAAGGCCCAACCCATGGCATCCAGGTTG
AAAGAGATAAAATTAACAAGTATGGTCGTCCCTATT
GGGATGTACTATTAAACCAAAATTGGGATTATCTGCA
AAAAACTACGGTAGAGCGGTTTATGAATGTCTA

Reference Detail

Description of reference material	Specimen of Stigma Croci
Scientific name	<i>Crocus sativus</i> L.
Laboratory number	RD595
Sample mark	RD595-4B
Locality	Jiande City, Zhejiang Province, China
Corresponding plant voucher specimen	RD636, RD637
Authenticated	Yes
Remarks	ITS2: 168R

Image



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BIC220601

>RD595-5A ITS2

CGCCTCCCGTCGCTCCCCACAGCCGTGCGGATGCGGA
GATTGGYCCGCCGTGCTCCGTGCGCGGCGGGTCGAAG
TGCCGGCCGTGCTCGGGCCTGGCGCGGCGAATGGTGG
ACGAATACATCGTTGTTGTGCCTACTCTCCGTGTCCT
TGCCCTCAACAATGCGACRTGTGTCGTCGGACCCCT
CACCATGGACCCTTCCGGCTTCCGAATAAGAAGAAGG
AACCGTCCTCGGAACG

Remarks: observation at nucleotide position 44, 168

Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*)

Batch ID. BIC220601

>RD595-5A_psbA-trnH

TAAGAGTTCTCTATTAATGTATATGAATCGTTGAAGG
ATCCATGCCCATATTTGTTTCTAAAAACAAAATATG
GGGCTATGGATCCCCACCCTTGTTGATCTATCCAA
AATTAACGACGAGATTATTATCGTTTCTCGCATGTCT
CGCGAAAGTCAGAGTAGGCGCGAATTCCTCCCAATTTG
TGACCTACCATACGATCTGTTATATAAATAGGCAAAT
GTCCTTTCCATTATGAATAGCGATTGTATGGCCAATC
ATTGTGGGTATAATGGTAGATGCCCCGAGACCAAGTTA
CTATTATTCTTTCTCCTCCCTCATGTTGAGTTTTTGAA
TTTTTCCCGATAAATGATTGGCTACAAAAGGATTTTTT
TTTAGTGAACGTGTACAGCGGATTACTCCTTTTTTTA
CATTTTAAAGATTGGCATTCTATGTCCAATAGAATAT
CTCGATCGAAGTATGAAGGTAAGAATAAATAACAATA
ATGATGAATGGAAAAAAGAGAAAAATCCTTTAGCTAG
ATAAGGGGCGGATGTAGCCAAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BIC220601

>RD595-5A_rbcL

AAGTGCTGGATTAAAGGCTGGTGTAAAGATTACAGA
TTGACTTATTATACTCCGGAGTACGAAACCAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACC
CGGAGTTCCTGCTGAAGAAGCGGGGCGAGCGGTAGC
TGCGGAATCTTCTACTGGTACATGGACAACAGTGTGG
ACTGATGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTATCATAATCGAGGCCGTTGTTGGGGAGGAAAA
TCAATATATTGCTTATGTAGCTTATCCTTTAGACCTTT
TTGAAGAAGGTTCTGTACTAATATGTTTACTTCCATT
GTGGGTAATGTATTGGTTTCAAAGCCCTACGAGCTC
TACGTCTGGAGGATTTGCGAATTCCTTCTTATTCC
AAAACCTTTCAAGGCCCAACCCATGGCATCCAGGTTG
AAAGAGATAAATTAACAAGTATGGTCGTCCCTATT
GGGATGTACTATTAAACCAAAATTGGGATTATCTGCA
AAAAACTACGGTAGAGCGGTTTATGAATGTCTA

Reference Detail

Description of reference material	Specimen of Stigma Croci
Scientific name	<i>Crocus sativus</i> L.
Laboratory number	RD595
Sample mark	RD595-5A
Locality	Jiande City, Zhejiang Province, China
Corresponding plant voucher specimen	RD636, RD637
Authenticated	Yes
Remarks	ITS2: 44Y, 168R

Image



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BIC220601

>RD595-7A ITS2

CGCCTCCCGTCGCTCCCCACAGCCGTGCGGATGCGGA
GATTGGYCCGCCGTGCTCCGTGCGCGGCGGGTCGAAG
TGCCGGCCGTGCTCGGGCCTGGCGCGCGAATGGTGG
ACGAATACATCGTTGTTGTGCCTACTCTCCGTGTCCT
TGCCCTCAACAATGCGACRTGTGTCGTGCGGACCCCT
CACCATGGACCCTTCCGGCTTCCGAATAAGAAGAAGG
AACCGTCCTCGGAACG

Remarks: observation at nucleotide position 44, 168

Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*)

Batch ID. BIC220601

>RD595-7A_psbA-trnH

TAAGAGTTCTCTATTAATGTATATGAATCGTTGAAGG
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GGGCTATGGATCCCCACCCTTGTTGATCTATCCAA
AATTAACGACGAGATTATTATCGTTTCTCGCATGTCT
CGCGAAAGTCAGAGTAGGCGCGAATTCCTCCAATTTG
TGACCTACCATACGATCTGTTATATAAATAGGCAAAT
GTCCTTTCCATTATGAATAGCGATTGTATGGCCAATC
ATTGTGGGTATAATGGTAGATGCCCGAGACCAAGTTA
CTATTATTCTTTCTCCTCCCTCATGTTGAGTTTTTGAA
TTTTTCCCGATAAATGATTGGCTACAAAAGGATTTTT
TTTAGTGAACGTGTCACAGCGGATTACTCCTTTTTTTA
CATTTTAAAGATTGGCATTCTATGTCCAATAGAATAT
CTCGATCGAAGTATGAAGGTAAGAATAAATACAATA
ATGATGAATGGAAAAAAGAGAAAATCCTTTAGCTAG
ATAAGGGGCGGATGTAGCCAAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BIC220601

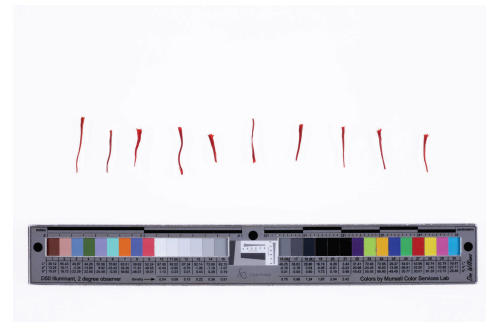
>RD595-7A_rbcL

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TGCGGAATCTTCTACTGGTACATGGACAACAGTGTGG
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TCAATATATTGCTTATGTAGCTTATCCTTTAGACCTTT
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TACGTCTGGAGGATTTGCGAATTCCTTCTTATTCC
AAAACCTTTCAAGGCCCAACCCATGGCATCCAGGTTG
AAAGAGATAAAATTAACAAGTATGGTCGTCCCTATT
GGGATGTACTATTAAACCAAAATTGGGATTATCTGCA
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Reference Detail

Description of reference material	Specimen of Stigma Croci
Scientific name	<i>Crocus sativus</i> L.
Laboratory number	RD595
Sample mark	RD595-7A
Locality	Jiande City, Zhejiang Province, China
Corresponding plant voucher specimen	RD636, RD637
Authenticated	Yes
Remarks	ITS2: 44Y, 168R

Image



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BIC220601

>RD595-8B ITS2

CGCCTCCCGTCGCTCCCCACAGCCGTGCGGATGCGGA
GATTGGCCCCGCGGTGCTCCGTGCGCGGCGGGTCGAAG
TGCCGGCCGTCGTCGGGCCTGGCGCGGCGAATGGTGG
ACGAATACATCGTTGTTTGTGCCTACTCTCCGTGTCCT
TGCCCTCAACAATGCGACATGTCGTCGTCGGACCCCT
CACCATGGACCCTTCCGGCTTCCGAATAAGAAGAAGG
AACCGTCCTCGGAACG

Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*)

Batch ID. BIC220601

>RD595-8B_psbA-trnH

TAAGAGTTCTCTATTAATGTATATGAATCGTTGAAGG
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GGGCTATGGATCCCCACCCTTGTGATCTATCCAA
AATTAACGACGAGATTATTATCGTTCTCGCATGTCT
CGCGAAAAGTCAGAGTAGGCGCGAATTCTCCCAATTTG
TGACCTACCATACGATCTGTTATATAAATAGGCAAAAT
GTCCTTTCCATTATGAATAGCGATTGTATGGCCAATC
ATTGTGGGTATAATGGTAGATGCCCCGAGACCAAGTTA
CTATTATTTCTTTCTCCTCCTCATGTTGAGTTTGTGAA
TTTTTCCCGATAAATGATTGGCTACAAAAGGATTTTTT
TTAGTGAACGTGTCACAGCGGATTACTCCTTTTTTTA
CATTTTAAAGATTGGCATTCTATGTCCAATAGAATAT
CTCGATCGAAGTATGAAGGTAAGAATAAATACAATA
ATGATGAATGGAAAAAGAGAAAATCCTTTAGCTAG
ATAAGGGGCGGATGTAGCCAAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BIC220601

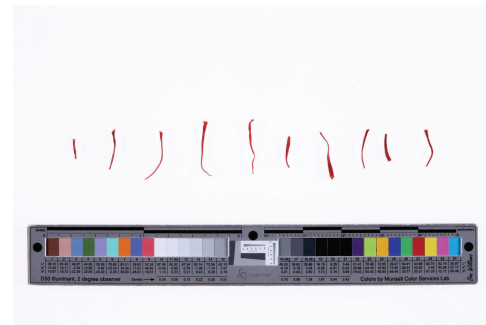
>RD595-8B_rbcL

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CGGAGTTCCTGCTGAAGAAGCGGGGCGAGCGGTAGC
TGCGGAATCTTCTACTGGTACATGGACAACAGTGTGG
ACTGATGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTATCATATCGAGGCCGTTGTTGGGGAGGAAAA
TCAATATATTGCTTATGTAGCTTATCCTTTAGACCTTT
TTGAAGAAGGTTCTGTACTAATATGTTTACTTCCATT
GTGGGTAATGTATTGTTTCAAAGCCCTACGAGCTC
TACGTCTGGAGGATTTGCGAATCCCCCTGCTTATTCC
AAAACCTTTCCAAGGCCACCCCATGGCATCCAGGTTG
AAAGAGATAAATTAACAAGTATGGTCGTCCCCTATT
GGGATGTACTATTAAACCAAAATTGGGATTATCTGCA
AAAAACTACGGTAGAGCGGTTTATGAATGTCTA

Reference Detail

Description of reference material	Specimen of Stigma Croci
Scientific name	<i>Crocus sativus</i> L.
Laboratory number	RD595
Sample mark	RD595-8B
Locality	Jiande City, Zhejiang Province, China
Corresponding plant voucher specimen	RD636, RD637
Authenticated	Yes
Remarks	-

Image



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BIC220601

>RD595-9A ITS2

CGCCTCCCGTCGCTCCCCACAGCCGTGCGGATGCGGA
GATTGGCCCCGCGTGTCCGTGCGCGGCGGGTCGAAG
TGCCGGCCGTCGTCGGGCCTGGCGCGCGCAATGGTGG
ACGAATACATCGTTGTTTGTGCCTACTCTCCGTGTCCT
TGCCCTCAACAATGCGACRTGTGTCGTCGTCGGACCCCT
CACCATGGACCCTTCCGGCTTCCGAATAAGAAGAAGG
AACCGTCCTCGGAACG

Remarks: observation at nucleotide position 168

Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*)

Batch ID. BIC220601

>RD595-9A_psbA-trnH

TAAGAGTTCTCTATTAATGTATATGAATCGTTGAAGG
ATCCATGCCCCATATTTGTTTTCTAAAAACAAATATG
GGGCTATGGATCCCCACCCTTGTTTGATCTATCCAA
AATTAACGACGAGATTTATTATCGTTTCTCGCATGTCT
CGCGAAAGTCAGAGTAGGCGCGAATTCCTCCCAATTTG
TGACCTACCATACGATCTGTTATATAAATAGGCAAAT
GTCCTTTCCATTATGAATAGCGATTGTATGGCCAATC
ATTGTGGGTATAATGGTAGATGCCCCGAGACCAAGTTA
CTATTATTCTTTCTCCTCCCTCATGTTGAGTTTGTGAA
TTTTTCCCGATAAATGATTGGCTACAAAAGGATTTTTT
TTTAGTGAACGTGTACAGCGGATTACTCCTTTTTTTA
CATTTTAAAGATTGGCATTCTATGTCCAATAGAATAT
CTCGATCGAAGTATGAAGGTAAGAATAAATACAATA
ATGATGAATGGAAAAAAGAGAAAAATCCTTTAGCTAG
ATAAGGGGCGGATGTAGCCAAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BIC220601

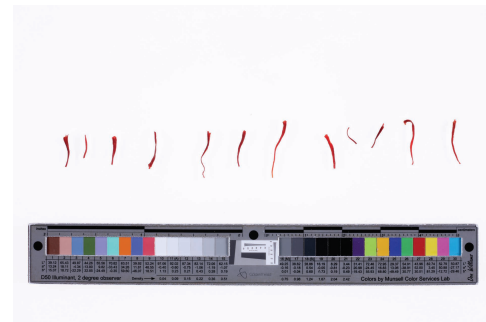
>RD595-9A_rbcL

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CTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACC
CGGAGTTCCTGTGAAGAAGCGGGGCGAGCGGTAGC
TGCGGAATCTTCTACTGGTACATGGACAACAGTGTGG
ACTGATGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTATCATAATCGAGGCCGTTGTTGGGGAGGAAAA
TCAATATATTGCTTATGTAGCTTATCCTTTAGACCTTT
TTGAAGAAGGTTCTGTTACTAATATGTTTACTTCCATT
GTGGGTAATGTATTGTTTCAAAGCCCTACGAGCTC
TACGTCTGGAGGATTTGCGAATTCCTTCTTATTCC
AAAACCTTTCAAGGCCCAACCCATGGCATCCAGGTTG
AAAGAGATAAATTAACAAGTATGGTCGTCCCTATT
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AAAAACTACGGTAGAGCGGTTTATGAATGTCTA

Reference Detail

Description of reference material	Specimen of Stigma Croci
Scientific name	<i>Crocus sativus</i> L.
Laboratory number	RD595
Sample mark	RD595-9A
Locality	Jiande City, Zhejiang Province, China
Corresponding plant voucher specimen	RD636, RD637
Authenticated	Yes
Remarks	ITS2: 168R

Image



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI210517

>RD596-1A ITS2

CGCCTCCCGTCGCTCCCCACAGCCGTGCGGATGCGGA
GATTGGYCCGCCGTGCTCCGTGCGCGGCGGGTCGAAG
TGCCGGCCGTGCTCGGGCCTGGCGCGCGCAATGGTGG
ACGAATACATCGTTGTTTGTGCCTACTCTCCGTGTCCT
TGCCCTCAACAATGYGACRTGTCGTCGTCGGACCCCT
CACCATGGACCCTTCCGGCTTCCGAATAAGAAGAAGG
AACCGTCCTCGGAACG

Remarks: observation at nucleotide position 44, 164, 168

Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*)

Batch ID. BI210517

>RD596-1A_psbA-trnH

TAAGAGTTCTCTATTAATGTATATGAATCGTTGAAGG
ATCCATGCCCCATATTTGTTTTCTAAAAACAAAATATG
GGGCTATGGATCCCCACCCTTGTTGATCTATCCAA
AATTAACGACGAGATTATTATCGTTTCTCGCATGTCT
CGCGAAAGTCAGAGTAGGCGCGAATTCCTCCCAATTTG
TGACCTACCATACGATCTGTTATATAAATAGGCAAAT
GTCCTTTCCATTATGAATAGCGATTGTATGGCCAATC
ATTGTGGGTATAATGGTAGATGCCCGAGACCAAGTTA
CTATTATTCTTTCTCCTCCCTCATGTTGAGTTTTTGAA
TTTTTCCCGATAAATGATTGGCTACAAAAGGATTTTTT
TTTAGTGAACGTGTACAGCGGATTACTCCTTTTTTTA
CATTTTAAAGATTGGCATTCTATGTCCAATAGAATAT
CTCGATCGAAGTATGAAGGTAAGAATAAATAACAATA
ATGATGAATGGAAAAAAGAGAAAATCCTTTAGCTAG
ATAAGGGGCGGATGTAGCCAAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI210517

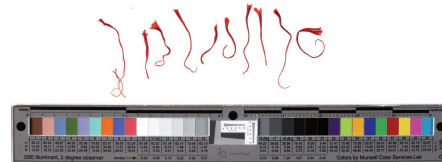
>RD596-1A_rbcL

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CTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACC
CGGAGTTCCTGCTGAAGAAGCGGGGCGAGCGGTAGC
TGCGGAATCTTCTACTGGTACATGGACAACAGTGTGG
ACTGATGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTATCATAATCGAGGCCGTTGTTGGGGAGGAAAA
TCAATATATTGCTTATGTAGCTTATCCTTTAGACCTTT
TTGAAGAAGGTTCTGTTACTAATATGTTTACTTCCATT
GTGGGTAATGTATTGTTTCAAAGCCCTACGAGCTC
TACGTCTGGAGGATTTGCGAATTCCTTCTTATTCC
AAAACCTTTCAAGGCCCAACCCATGGCATCCAGGTTG
AAAGAGATAAATTAACAAGTATGGTCGTCCCTATT
GGGATGTACTATTAAACCAAAATTGGGATTATCTGCA
AAAAACTACGGTAGAGCGGTTTATGAATGTCTA

Reference Detail

Description of reference material	Specimen of Stigma Croci
Scientific name	<i>Crocus sativus</i> L.
Laboratory number	RD596
Sample mark	RD596-1A
Locality	Chongming District, Shanghai City, China
Corresponding plant voucher specimen	RD638, RD639
Authenticated	Yes
Remarks	ITS2: 44Y, 164Y, 168R

Image



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI210517

>RD596-2B ITS2

CGCCTCCCGTCGCTCCCCACAGCCGTGCGGATGCGGA
GATTGGYCCGCCGTGCTCCGTGCGCGGCGGGTCGAAG
TGCCGGCCGTGCTCGGGCCTGGCGCGCGAATGGTGG
ACGAATACATCGTTGTTTGTGCCTACTCTCCGTGTCCT
TGCCCTCAACAATGYGACRTGTCGTCGTCGGACCCCT
CACCATGGACCCTTCCGGCTTCCGAATAAGAAGAAGG
AACCGTCCTCGGAACG

Remarks: observation at nucleotide position 44, 164, 168

Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*)

Batch ID. BI210517

>RD596-2B_psbA-trnH

TAAGAGTTCTCTATTAATGTATATGAATCGTTGAAGG
ATCCATGCCCCATATTTGTTTTCTAAAAACAAATATG
GGGCTATGGATCCCCACCCTTGTTGATCTATCCAA
AATTAACGACGAGATTATTATCGTTTCTCGCATGTCT
CGCGAAAGTCAGAGTAGGCGCGAATTCCTCCCAATTTG
TGACCTACCATAACGATCTGTTATATAAATAGGCAAAT
GTCCTTTCCATTATGAATAGCGATTGTATGGCCAATC
ATTGTGGGTATAATGGTAGATGCCCGAGACCAAGTTA
CTATTATTCTTTCTCCTCCCTCATGTTGAGTTTTTGAA
TTTTTCCCGATAAATGATTGGCTACAAAAGGATTTTTT
TTTAGTGAACGTGTCACAGCGGATTACTCCTTTTTTTA
CATTTTAAAGATTGGCATTCTATGTCCAATAGAATAT
CTCGATCGAAGTATGAAGGTAAGAATAAATACAATA
ATGATGAATGGAAAAAAGAGAAAAATCCTTTAGCTAG
ATAAGGGGCGGATGTAGCCAAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI210517

>RD596-2B_rbcL

AAGTGCTGGATTAAAGGCTGGTGTAAAGATTACAGA
TTGACTTATTATACTCCGGAGTACGAAACCAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACC
CGGAGTTCTTGCTGAAGAAGCGGGGCGAGCGGTAGC
TGCGGAATCTTCTACTGGTACATGGACAACAGTGTGG
ACTGATGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTATCATAATCGAGGCCGTTGTTGGGGAGGAAAA
TCAATATATTGCTTATGTAGCTTATCCTTTAGACCTTT
TTGAAGAAGGTTCTGTACTAATATGTTTACTTCCATT
GTGGGTAATGTATTGTTTCAAAGCCCTACGAGCTC
TACGTCTGGAGGATTTGCGAATTCCTGCTTATTC
AAAACCTTTCAAGGCCCAACCATGGCATCCAGGTTG
AAAGAGATAAATTAACAAGTATGGTCGTCCCTATT
GGGATGTACTATTAAACCAAAATTGGGATTATCTGCA
AAAAACTACGGTAGAGCGGTTTATGAATGTCTA

Reference Detail

Description of reference material	Specimen of Stigma Croci
Scientific name	<i>Crocus sativus</i> L.
Laboratory number	RD596
Sample mark	RD596-2B
Locality	Chongming District, Shanghai City, China
Corresponding plant voucher specimen	RD638, RD639
Authenticated	Yes
Remarks	ITS2: 44Y, 164Y, 168R

Image



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI210528

>RD596-3A ITS2

CGCTCCCGTCGCTCCCCACAGCCGTGCGGATGCGGA
GATTGGYCCGCCGTGCTCCGTGCGCGGCGGGTCGAAG
TGCCGGCCGTGCTCGGGCCTGGCGCGCGCAATGGTGG
ACGAATACATCGTTGTTTGTGCCTACTCTCCGTGTCCT
TGCCCTCAACAATGCGACRTGTCGTGTCGGACCCCT
CACCATGGACCCTTCCGGCTTCCGAATAAGAAGAAGG
AACCGTCCTCGGAACG

Remarks: observation at nucleotide position 44, 168

Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*)

Batch ID. BI210528

>RD596-3A_psbA-trnH

TAAGAGTTCTCTATTAATGTATATGAATCGTTGAAGG
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GGGCTATGGATCCCCACCCTTGTTGATCTATCCAA
AATTAACGACGAGATTATTATCGTTTCTCGCATGTCT
CGCGAAAGTCAGAGTAGGCGCGAATTCCTCCCAATTTG
TGACCTACCATAACGATCTGTTATATAAATAGGCAAAT
GTCCTTTCCATTATGAATAGCGATTGTATGGCCAATC
ATTGTGGGTATAATGGTAGATGCCGAGACCAAGTTA
CTATTATTCTTTCTCCTCCCTCATGTTGAGTTTGTGAA
TTTTTCCCGATAAATGATTGGCTACAAAAGGATTTTTT
TTAGTGAACGTGTCACAGCGGATTACTCCTTTTTTTA
CATTTTAAAGATTGGCATTCTATGTCCAATAGAATAT
CTCGATCGAAGTATGAAGGTAAGAATAAATACAATA
ATGATGAATGGAAAAAGAGAAAATCCTTTAGCTAG
ATAAGGGGCGGATGTAGCCAAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI210528

>RD596-3A_rbcL

AAGTGCTGGATTAAAGGCTGGTGTAAAGATTACAGA
TTGACTTATTATACTCCGGAGTACGAAACAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACC
CGGAGTTCCTGCTGAAGAAGCGGGGCGAGCGGTAGC
TGCGGAATCTTCTACTGGTACATGGACAACAGTGTGG
ACTGATGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTATCATAATCGAGGCCGTTGTTGGGGAGGAAAA
TCAATATATTGCTTATGTAGCTTATCCTTTAGACCTTT
TTGAAGAAGGTTCTGTACTAATATGTTTACTTCCATT
GTGGGTAATGTATTGTTTCAAAGCCCTACGAGCTC
TACGTCTGGAGGATTTGCGAATTCCTGCTTATTC
AAAACCTTTCAAGGCCACCCCATGGCATCCAGGTTG
AAAGAGATAAAATTAACAAGTATGGTCGTCCCTATT
GGGATGTACTATTAAACCAAAATTGGGATTATCTGCA
AAAAACTACGGTAGAGCGGTTTATGAATGTCTA

Reference Detail

Description of reference material	Specimen of Stigma Croci
Scientific name	<i>Crocus sativus</i> L.
Laboratory number	RD596
Sample mark	RD596-3A
Locality	Chongming District, Shanghai City, China
Corresponding plant voucher specimen	RD638, RD639
Authenticated	Yes
Remarks	ITS2: 44Y, 168R

Image



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BIC220601-2

>RD596-4B ITS2

CGCCTCCCGTCGCTCCCCACAGCCGTGCGGATGCGGA
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TGCCGGCCGTCGTCGGGCCTGGCGCGCGCAATGGTGG
ACGAATACATCGTTGTTGTGCCTACTCTCCGTGTCCT
TGCCCTCAACAATGCGACRTGTGTCGTCGTCGGACCCCT
CACCATGGACCCTTCCGGCTTCCGAATAAGAAGAAGG
AACCGTCCTCGGAACG

Remarks: observation at nucleotide position 168

Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*)

Batch ID. BIC220601-2

>RD596-4B_psbA-trnH

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GGGCTATGGATCCCCACCCTTGTTGATCTATCCAA
AATTAACGACGAGATTATTATCGTTTCTCGCATGTCT
CGCGAAAGTCAGAGTAGGCGCGAATTCCTCCCAATTTG
TGACCTACCATACGATCTGTTATATAAATAGGCAAAT
GTCCTTTCCATTATGAATAGCGATTGTATGGCCAATC
ATTGTGGGTATAATGGTAGATGCCCCGAGACCAAGTTA
CTATTATTCTTTCTCCTCCCTCATGTTGAGTTTGTGAA
TTTTTCCCGATAAATGATTGGCTACAAAAGGATTTTTT
TTTAGTGAACGTGTCACAGCGGATTACTCCTTTTTTTA
CATTTTAAAGATTGGCATTCTATGTCCAATAGAATAT
CTCGATCGAAGTATGAAGGTAAGAATAAATACAATA
ATGATGAATGGAAAAAAGAGAAAAATCCTTTAGCTAG
ATAAGGGGCGGATGTAGCCAAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BIC220601-2

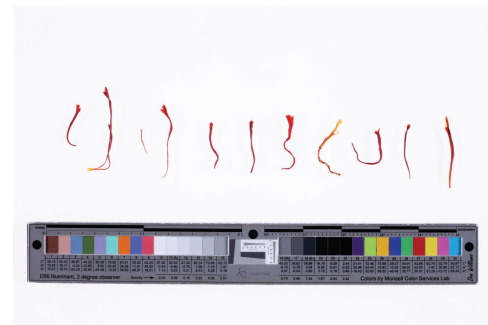
>RD596-4B_rbcL

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CGGAGTTCCTGTGTAAGAAGCGGGGGCAGCGGTAGC
TGCGGAATCTTCTACTGGTACATGGACAACAGTGTGG
ACTGATGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTATCATAATCGAGGCCGTTGTTGGGGAGGAAAA
TCAATATATTGCTTATGTAGCTTATCCTTTAGACCTTT
TTGAAGAAGGTTCTGTACTAATATGTTTACTTCCATT
GTGGGTAATGTATTGGTTTCAAAGCCCTACGAGCTC
TACGTCTGGAGGATTTGCGAATTCCTTCTTATTCC
AAAACCTTTCAAGGCCCAACCCATGGCATCCAGGTTG
AAAGAGATAAATTAACAAGTATGGTCGTCCCTATT
GGGATGTACTATTAAACCAAAATTGGGATTATCTGCA
AAAACTACGGTAGAGCGGTTTATGAATGTCTA

Reference Detail

Description of reference material	Specimen of Stigma Croci
Scientific name	<i>Crocus sativus</i> L.
Laboratory number	RD596
Sample mark	RD596-4B
Locality	Chongming District, Shanghai City, China
Corresponding plant voucher specimen	RD638, RD639
Authenticated	Yes
Remarks	ITS2: 168R

Image



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BIC220601-2

>RD596-5A ITS2

CGCCTCCCGTCGCTCCCCACAGCCGTGCGGATGCGGA
GATTGGCCCCGCGTGTCCGTGCGCGGCGGGTCGAAG
TGCCGGCCGTCGTCGGGCCTGGCGCGGCGAATGGTGG
ACGAATACATCGTTGTTTGTGCCTACTCTCCGTGTCCT
TGCCCTCAACAATGCGACRTGTGTCGTCGTCGGACCCCT
CACCATGGACCCTTCCGGCTTCCGAATAAGAAGAAGG
AACCGTCCTCGGAACG

Remarks: observation at nucleotide position 168

Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*)

Batch ID. BIC220601-2

>RD596-5A_psbA-trnH

TAAGAGTTCTCTATTAATGTATATGAATCGTTGAAGG
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GGGCTATGGATCCCCACCCTTGTTTGATCTATCCAA
AATTAACGACGAGATTATTATCGTTTCTCGCATGTCT
CGCGAAAGTCAGAGTAGGCGCGAATTCCTCCCAATTTG
TGACCTACCATAAGATCTGTTATATAAATAGGCAAAT
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CTATTATTTCTTTCCTCCCTCATGTTGAGTTTGTGAA
TTTTTCCCGATAAATGATTGGCTACAAAAGGATTTTTT
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Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BIC220601-2

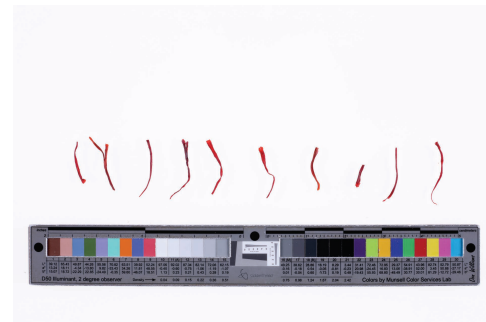
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Reference Detail

Description of reference material	Specimen of Stigma Croci
Scientific name	<i>Crocus sativus</i> L.
Laboratory number	RD596
Sample mark	RD596-5A
Locality	Chongming District, Shanghai City, China
Corresponding plant voucher specimen	RD638, RD639
Authenticated	Yes
Remarks	ITS2: 168R

Image



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BIC220601-2

>RD596-7B ITS2

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TGCCCTCAACAATGCGACRTGTGTCGTCGTCGGACCCCT
CACCATGGACCCTTCCGGCTTCCGAATAAGAAGAAGG
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Remarks: observation at nucleotide position 168

Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*)

Batch ID. BIC220601-2

>RD596-7B_psbA-trnH

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Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BIC220601-2

>RD596-7B_rbcL

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Reference Detail

Description of reference material	Specimen of Stigma Croci
Scientific name	<i>Crocus sativus</i> L.
Laboratory number	RD596
Sample mark	RD596-7B
Locality	Chongming District, Shanghai City, China
Corresponding plant voucher specimen	RD638, RD639
Authenticated	Yes
Remarks	ITS2: 168R

Image



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BIC220601-2

>RD596-8A ITS2

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Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*)

Batch ID. BIC220601-2

>RD596-8A_psbA-trnH

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Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BIC220601-2

>RD596-8A_rbcL

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Reference Detail

Description of reference material	Specimen of Stigma Croci
Scientific name	<i>Crocus sativus</i> L.
Laboratory number	RD596
Sample mark	RD596-8A
Locality	Chongming District, Shanghai City, China
Corresponding plant voucher specimen	RD638, RD639
Authenticated	Yes
Remarks	-

Image



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BIC220601-2

>RD596-9B ITS2

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TGCCCTCAACAATGCGACATGTCGTGTCGCGACCCCT
CACCATGGACCCTTCCGGCTTCCGAATAAGAAGAAGG
AACCGTCCTCGGAACG

Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*)

Batch ID. BIC220601-2

>RD596-9B_psbA-trnH

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GTCCTTTCCATTATGAATAGCGATTGTATGGCCAATC
ATTGTGGGTATAATGGTAGATGCCGAGACCAAGTTA
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Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BIC220601-2

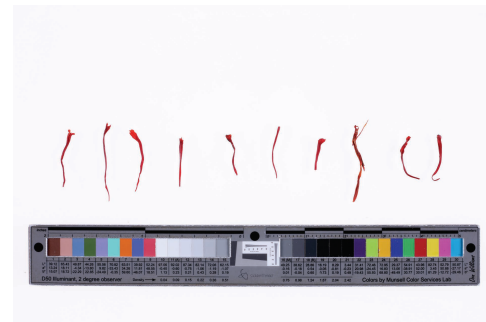
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Reference Detail

Description of reference material	Specimen of Stigma Croci
Scientific name	<i>Crocus sativus</i> L.
Laboratory number	RD596
Sample mark	RD596-9B
Locality	Chongming District, Shanghai City, China
Corresponding plant voucher specimen	RD638, RD639
Authenticated	Yes
Remarks	-

Image



Reference DNA sequences in FASTA format

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2) sequence of plant voucher specimen of *Crocus sativus* and Chinese Materia Medica (CMM) *Stigma Croci*

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Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*) sequence of plant voucher specimen of *Crocus sativus* and Chinese Materia Medica (CMM) *Stigma Croci*

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