

Fact sheet of reference DNA sequences of *Pseudostellaria heterophylla* (孩兒參)

Summary	Information
Scientific name	<i>Pseudostellaria heterophylla</i> (Miq.) Pax ex Pax et Hoffm.
Type of reference material used for data generation	● Radix Pseudostellariae (太子參) ● Plant voucher specimen
Radix Pseudostellariae (太子參) (number of specimens / locality)	● 8 / Zhangshu City, Jiangxi Province, China ● 7 / Zherong County, Fujian Province, China
Plant voucher specimen (number of specimens / locality)	● 1 / Pan'an County, Zhejiang Province, China ● 1 / Qufu City, Shandong Province, China ● 1 / Zhangshu City, Jiangxi Province, China ● 2 / Zherong County, Fujian Province, 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 228 bp ● Chloroplast <i>psbA-trnH</i> intergenic spacer (<i>psbA-trnH</i>) is 312 bp ● Chloroplast ribulose biphosphate carboxylase large chain (<i>rbcL</i>) is 553 bp

Reference DNA Sequence

Plant Specimen

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI211116

>21RD17-1A ITS2

CGCATCGCAGCCCCCTCACTCCACCCCTAGTGGGAT
GGGGAGGAAGATGGTTTCCCGTGCCTACCGGGCAC
GGTTGGCCTAAAATTGGAGCCTAAGGCATTGAGTTGT
CGCGCAATAGGTGGTGAACAAGGCCTTGCCCGTGC
AAGCAACCAGTCGTGCAACCCTTTGACAATCGAAGCT
CGTAGGAGACCCTATGATGTTGCCCTTTGGTGACACA
AACTGTTG

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

Batch ID. BI211116

>21RD17-1A *psbA-trnH*

TCTATAAATGGATAAAATATCTTTCTTTTATGTTA
GTATATACGAGTTTTTTTTTTTATGTAAGGAGCAATA
CTAGTTTCTTGATAGAACAAGAAATTTTAAATGCTC
CTTACTAGTTAGTTTTTTTATTCTTTACTCCAATCCT
TACAAAAATTTTTTTTACTAAAAAAATACTTTACAT
AAAATCTTATTATCTTTTACGTTTAAATGTCAATTCT
TTCTGTAAATTCTTGAATTAAGAATTAAACAACTTA
AAGTTTAAGTATTAAAGTTTTTTATGTATTAGCAAAA
GGGGCGGA

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI211116

>21RD17-1A *rbcL*

AAGTGTTGGATTAAAGCTGGTGTAAAGATTACAAA
TTGACTTATTATACTCCTGAGTATGAAACCTGGATA
CTGATATCTTGGCAGCATTCCGAGTAACCTCCTCAACC
TGGAGTTCCACCCGAAGAAGCAGGGGCCGAGTAGC
CGCCGAATCTTCGACTGGTACATGGACAACCTGTATGG
ACCGACGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTACCACATCGAGCCCCGTTGCTGGAGAAGAAA
ATCAATATATTGTTATGTAGCTTACCCCTTAGACCTT
TTTGAGGAAGGCTCTGTTACTAACATGTTTACTTCCAT
TGTGGGTAATGTATTTGGGTTCAAAGCCTTGCGTGCT
CTACGCTTGGAGGATTTGCGAATTCCTGTTGCTTATAT
AAAACTTTCCAAGGCCCGCCTCACGGTATCCAAGTT
GAAAGAGATAAATTGAACAAGTATGGCCGTCCCCTAT
TGGGATGCACCATTAAACCGAAATTAGGGTTATCCGC
TAAAACTATGGTCGAGCAGTTTATGAATGTCTT

Reference Detail

Description of reference material	Plant voucher specimen
Scientific name	<i>Pseudostellaria heterophylla</i> (Miq.) Pax ex Pax et Hoffm.
Laboratory number	21RD17
Sample mark	21RD17-1A
Locality	Qufu City, Shandong Province, China
Corresponding CMM specimen	-
Authenticated	Yes
Remarks	-

Image



Reference DNA Sequence

Plant Specimen

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI211116

>21RD18-1A ITS2

CGCATCGCAGCCCCCTCACTCCACCCCTAGTGGGAT
GGGGAGGAAGATGGTTTCCCGTGCCTACCGGGCAC
GGTTGGCCTAAAATTGGAGCCTAAGGCATTGAGTTGT
CGCGGCAATAGGTGGTGAACAAGGCCTTGCCCGTGC
AAGCAACCAGTCGTGCAACCCTTTGACAATCGAAGCT
CGTAGGAGACCCTATGATGTTGCCTTTGGTGACACA
AACTGTTG

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

Batch ID. BI211116

>21RD18-1A *psbA-trnH*

TCTATAAATGGATAAAATATCTTTCTTTTATAGTTA
GTATATACGAGTTTTTTTTTTTATAGTAAAGGAGCAATA
CTAGTTTCTTGATAGAACAAGAAATTTTAAATGCTC
CTTACTAGTTAGTTTTTTTATTCTTTACTCCAATCCT
TACAAAAATTTTTTTTACTAAAAAAAATACTTTACAT
AAAATCTTATTATCTTTTACGTTTAAAAATGTCAATTCT
TTCTGTGAATTCTTGAATTAAGAATTAAACAACTTA
AAGTTTAAGTATTAAAGTTTTTTTATGTATTAGCAAAA
GGGGCGGA

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI211116

>21RD18-1A *rbcL*

AAGTGTTGGATTAAAGCTGGTGTAAAGATTACAAA
TTGACTTATTATACTCCTGAGTATGAAACCTGGATA
CTGATATCTTGGCAGCATTCCGAGTAACCTCTCAACC
TGGAGTTCCACCCGAAGAAGCAGGGGCCGAGTAGC
CGCCGAATCTTCGACTGGTACATGGACAACGTATGG
ACCGACGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTACCACATCGAGCCCCGTGCTGGAGAAGAAA
ATCAATATATTGTTATGTAGCTTACCCCTTAGACCTT
TTTGAGGAAGGCTCTGTTACTAACATGTTTACTTCCAT
TGTGGGTAATGTATTTGGGTTCAAAGCCTTGCGTGCT
CTACGCTTGGAGGATTTGCGAATTCCTGTTGCTTATAT
AAAACTTTCCAAGGCCCGCCTCACGGTATCCAAGTT
GAAAGAGATAAATTGAACAAGTATGGCCGTCCCTAT
TGGGATGCACCATTAAACCGAAATTAGGGTTATCCGC
TAAAAACTATGGTCGAGCAGTTTATGAATGTCTT

Reference Detail

Description of reference material	Plant voucher specimen
Scientific name	<i>Pseudostellaria heterophylla</i> (Miq.) Pax ex Pax et Hoffm.
Laboratory number	21RD18
Sample mark	21RD18-1A
Locality	Zhangshu City, Jiangxi Province, China
Corresponding CMM specimen	21RD28
Authenticated	Yes
Remarks	-

Image



Reference DNA Sequence

Plant Specimen

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI211116

>21RD19-1A ITS2

CGCATCGCAGCCCCCTCACTCCCACCCCTAGTGGGAT
GGGGAGGAAGATGGTTTCCCGTGCCTACCGGGCAC
GGTTGGCCTAAAATTGGAGCCTAAGGCATTGAGTTGT
CGCGGCAATAGGTGGTGAACAAGGCCTTGCCCGTGC
AAGCAACCAGTCGTGCAACCCTTTGACAATCGAAGCT
CGTAGGAGACCCTATGATGTTGCCTTTGGTGACACA
AACTGTTG

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

Batch ID. BI211116

>21RD19-1A *psbA-trnH*

TCTATAAATGGATAAAATATCTTTCTTTTATGTTA
GTATATACGAGTTTTTTTTTTTATGTAAGGAGCAATA
CTAGTTTCTTGATAGAACAAGAAATTTTAAATGCTC
CTTACTAGTTAGTTTTTTTATTCTTTACTCCAATCCT
TACAAAAATTTTTTTTACTAAAAAAATACCTTACAT
AAAACTTATTATCTTTTACGTTTAAAAATGTCAATTCT
TTCTGTGAATTCTTGAATTAAGAATTAAACAACTTA
AAGTTTAAGTATTAAAGTTTTTTTATGTATTAGCAAAA
GGGGCGGA

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI211116

>21RD19-1A *rbcL*

AAGTGTTGGATTAAAGCTGGTGTAAAGATTACAAA
TTGACTTATTATACTCCTGAGTATGAAACCTGGATA
CTGATATCTTGGCAGCATTCCGAGTAACCTCCTCAACC
TGGAGTTCCACCCGAAGAAGCAGGGGCCGAGTAGC
CGCCGAATCTTCGACTGGTACATGGACAACCTGTATGG
ACCGACGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTACCACATCGAGCCCCGTGCTGGAGAAGAAA
ATCAATATATTGTGTTATGTAGCTTACCCCTTAGACCTT
TTTGAGGAAGGCTCTGTTACTAACATGTTTACTTCCAT
TGTGGGTAATGTATTGGGTTCAAAGCCTTGCGTGCT
CTACGCTTGGAGGATTGCGAATTCCTGTTGCTTATAT
AAAACTTTCCAAGGCCCGCCTCACGGTATCCAAGTT
GAAAGAGATAAATTGAACAAGTATGGCCGTCCCTAT
TGGGATGCACCATTAAACCGAAATTAGGGTTATCCGC
TAAAACTATGGTCGAGCAGTTTATGAATGTCTT

Reference Detail

Description of reference material	Plant voucher specimen
Scientific name	<i>Pseudostellaria heterophylla</i> (Miq.) Pax ex Pax et Hoffm.
Laboratory number	21RD19
Sample mark	21RD19-1A
Locality	Zherong County, Fujian Province, China
Corresponding CMM specimen	21RD29
Authenticated	Yes
Remarks	-

Image



Reference DNA Sequence

Plant Specimen

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI211116

>21RD20-1A ITS2

CGCATCGCAGCCCCCTCACTCCACCCCTAGTGGGAT
GGGGAGGAAGATGGTTTCCCGTGCCTACCGGGCAC
GGTTGGCCTAAAATTGGAGCCTAAGGCATTGAGTTGT
CGCGGCAATAGGTGGTGAACAAGGCCTTGCCCGTGC
AAGCAACGAGTCGTGCAACCCTTTGACAATCGAAGCT
CGTAGGAGACCCTATGATGTTGCCTTTGGTGACACA
AACTGTTG

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

Batch ID. BI211116

>21RD20-1A *psbA-trnH*

TCTATAAATGGATAAAATATCTTTCTTTTATAGTTA
GTATATACGAGTTTTTTTTTTTAGTAAAGGAGCAATA
CTAGTTTCTTGATAGAACAAGAAATTTTAAATGCTC
CTTACTAGTTAGTTTTTTTATTCTTTACTCCAATCCT
TACAAAAATTTTTTTTACTAAAAAAAATACTTTACAT
AAAATCTTATTATCTTTTACGTTTAAAAATGTCAATTCT
TTCTGTGAATTCTTGAATTAAGAATTAAACAACTTA
AAGTTTAAGTATTAAAGTTTTTTTATGTATTAGCAAAA
GGGGCGGA

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI211116

>21RD20-1A *rbcL*

AAGTGTGGATTAAAGCTGGTGTAAAGATTACAAA
TTGACTTATTATACTCCTGAGTATGAAACCTGGATA
CTGATATCTTGGCAGCATTCCGAGTAACCTCCTCAACC
TGGAGTTCCACCCGAAGAAGCAGGGGCCGAGTAGC
CGCCGAATCTTCGACTGGTACATGGACAACCTGTATGG
ACCGACGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTACCACATCGAGCCCCGTTGCTGGAGAAGAAA
ATCAATATATTGTATTGTAGCTTACCCCTTAGACCTT
TTTGAGGAAGGCTCTGTTACTAACATGTTTACTTCCAT
TGTGGGTAATGTATTGGGTTCAAAGCCTTGCGTGCT
CTACGCTTGGAGGATTGCGAATTCCTGTTGCTTATAT
AAAACTTTCCAAGGCCCGCCTCACGGTATCCAAGTT
GAAAGAGATAAATTGAACAAGTATGGCCGTCCCTAT
TGGGATGCACCATTAAACCGAAATTAGGGTTATCCCGC
TAAAACTATGGTCGAGCAGTTTATGAATGTCTT

Reference Detail

Description of reference material	Plant voucher specimen
Scientific name	<i>Pseudostellaria heterophylla</i> (Miq.) Pax ex Pax et Hoffm.
Laboratory number	21RD20
Sample mark	21RD20-1A
Locality	Zherong County, Fujian Province, China
Corresponding CMM specimen	21RD29
Authenticated	Yes
Remarks	-

Image



Reference DNA Sequence

Plant Specimen

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI211116

>21RD21-1A ITS2

CGCATCGCAGCCCCCTCACTCCACCCCTTAGTGGGAT
GGGGAGGAAGATGGTTTCCCGTGCCTACCGGGCAC
GGTTGGCCTAAAATTGGAGCCTAAGGCATTGAGTTGT
CGCGGCAATAGGTGGTGAACAAGGCCTTGCCCGTGC
AAGCAACCAGTCGTGCAACCCTTTGACAATCGAAGCT
CGTAGGAGACCCTATGATGTTGCCTTTTGGTGACACA
AACTGTTG

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

Batch ID. BI211116

>21RD21-1A *psbA-trnH*

TCTATAAATGGATAAAATATCTTTCTTTTATAGTTA
GTATATACGAGTTTCTTTTATAGTAAAGGAGCAATA
CTAGTTTCTTGATAGAACAAGAAATTTTAAATGCTC
CTTACTAGTTAGTTTCTTTTATTCTTTACTCCAATCCT
TACAAAAATTTTCTTTTACTAAAAAAATACCTTACAT
AAAACTTATTATCTTTTACGTTTAAAAATGTCAATTCT
TTTCTGTTAATTCTTGAATTAAGAATTAAACAACTTA
AAGTTTAAGTATTAAAGTTTTTTATGTATTAGCAAAA
GGGGCGGA

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI211116

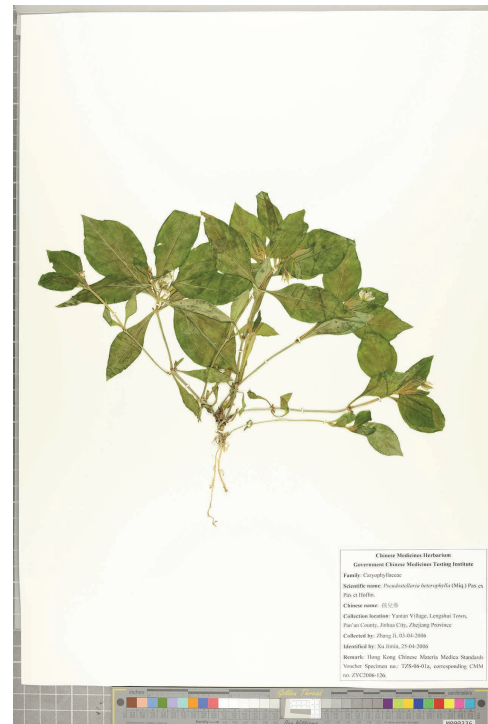
>21RD21-1A *rbcL*

AAGTGTTGGATTAAAGCTGGTGTAAAGATTACAAA
TTGACTTATTATACTCCTGAGTATGAAACCTGGATA
CTGATATCTTGGCAGCATTCCGAGTAACCTCCTCAACC
TGGAGTTCCACCCGAAGAAGCAGGGGCCGAGTAGC
CGCCGAATCTTCGACTGGTACATGGACAACCTGTATGG
ACCGACGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTACCACATCGAGCCCCGTGCTGGAGAAGAAA
ATCAATATATTGTGTTATGTAGCTTACCCCTTAGACCTT
TTTGAGGAAGGCTCTGTTACTAACATGTTTACTTCCAT
TGTGGGTAATGTATTGGGTTCAAAGCCTTGCGTGCT
CTACGCTTGGAGGATTGCGAATTCCTGTTGCTTATAT
AAAACTTTCCAAGGCCCGCCTCACGGTATCCAAGTT
GAAAGAGATAAATTGAACAAGTATGGCCGTCCCTAT
TGGGATGCACCATTAACCGAAATTAGGGTTATCCGC
TAAAAACTATGGTCGAGCAGTTTATGAATGTCTT

Reference Detail

Description of reference material	Plant voucher specimen
Scientific name	<i>Pseudostellaria heterophylla</i> (Miq.) Pax ex Pax et Hoffm.
Laboratory number	21RD21
Sample mark	21RD21-1A
Locality	Pan'an County, Zhejiang Province, China
Corresponding CMM specimen	-
Authenticated	Yes
Remarks	-

Image



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI210903

>21RD28-2A ITS2

CGCATCGCAGCCCCCTCACTCCACCCCTTAGTGGGAT
GGGGAGGAAGATGGTTTCCCGTGCCTACCGGGCAC
GGTTGGCCTAAAATTGGAGCCTAAGGCATTGAGTTGT
CGCGCAATAGGTGGTGAACAAGGCCTTGCCCGTGC
AAGCAACCAAGTCGTGCAACCCTTTGACAATCGAAGCT
CGTAGGAGACCCTATGATGTTGCCTTTGGTGACACA
AACTGTTG

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

Batch ID. BI210903

>21RD28-2A_psbA-trnH

TCTATAAATGGATAAAATATCTTTCTTTTATAGTTA
GTATATACGAGTTTTTTTTTTTATAGTAAAGGAGCAATA
CTAGTTTCTTGATAGAACAAGAAATTTTAAATGCTC
CTTACTAGTTAGTTTTTTTATTCTTTACTCCAATCCT
TACAAAAATTTTTTTTACTAAAAAAAATACTTTACAT
AAAATCTTATTATCTTTTACGTTTAAAAATGTCAATTCT
TTCTGTGAATTCTTGAATTAAGAATTAAACAACTTA
AAGTTTAAGTATTAAAGTTTTTTTATGTATTAGCAAAA
GGGGCGGA

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI210903

>21RD28-2A_rbcL

AAGTGTTGGATTAAAGCTGGTGTTAAAGATTACAAA
TTGACTTATTATACTCCTGAGTATGAAACCCCTGGATA
CTGATATCTTGGCAGCATTCCGAGTAACCTCTCAACC
TGGAGTTCCACCCGAAGAAGCAGGGGCCGAGTAGC
CGCCGAATCTTCGACTGGTACATGGACAACGTATGG
ACCGACGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTACCACATCGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATTGTTATGTAGCTTACCCCTTAGACCTT
TTTGAGGAAGGCTCTGTTACTAACATGTTTACTTCCAT
TGTGGGTAATGTATTTGGGTTCAAAGCCTTGCGTGCT
CTACGCTTGGAGGATTTGCGAATTCCTGTTGCTTATAT
AAAACTTTCCAAGGCCCGCCTCACGGTATCCAAGTT
GAAAGAGATAAATTGAACAAGTATGGCCGTCCCCTAT
TGGGATGCACCATTAAACCGAAATTAGGGTTATCCGC
TAAAAACTATGGTCGAGCAGTTTATGAATGTCTT

Reference Detail

Description of reference material	Specimen of Radix Pseudostellariae
Scientific name	<i>Pseudostellaria heterophylla</i> (Miq.) Pax ex Pax et Hoffm.
Laboratory number	21RD28
Sample mark	21RD28-2A
Locality	Zhangshu City, Jiangxi Province, China
Corresponding plant voucher specimen	21RD18
Authenticated	Yes
Remarks	-

Image

Front view



Back view



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI211116-2

>21RD28-4A ITS2

CGCATCGCAGCCCCCTCACTCCACCCCTTAGTGGGAT
GGGGAGGAAGATGGTTTCCCGTGCCTACCGGGCAC
GGTTGGCCTAAAATTGGAGCCTAAGGCATTGAGTTGT
CGCGCAATAGGTGGTGAACAAGGCCTTGCCCGTGC
AAGCAACCAGTCGTGCAACCCTTTGACAATCGAAGCT
CGTAGGAGACCCTATGATGTTGCCTTTGGTGACACA
AACTGTTG

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

Batch ID. BI211116-2

>21RD28-4A_psbA-trnH

TCTATAAATGGATAAAATATCTTTCTTTTATAGTTA
GTATATACGAGTTTCTTTTATAGTAAAGGAGCAATA
CTAGTTTCTTGATAGAACAAGAAATTTTAAATGCTC
CTTACTAGTTAGTTTCTTTATTTCTTTACTCCAATCCT
TACAAAAATTTTCTTTACTAAAAAAATACCTTACAT
AAAATCTTATTATCTTTTACGTTTAAAAATGTCAATTCT
TTCTGTGAATTCTTGAATTAAGAATTAAACAACTTA
AAGTTTAAGTATTAAAGTTTTTTATGTATTAGCAAAA
GGGGCGGA

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI211116-2

>21RD28-4A_rbcL

AAGTGTTGGATTAAAGCTGGTGTAAAGATTACAAA
TTGACTTATTATACTCCTGAGTATGAAACCCCTGGATA
CTGATATCTTGGCAGCATTCCGAGTAACCTCCTCAACC
TGGAGTTCCACCCGAAGAAGCAGGGGCCGCGAGTAGC
CGCCGAATCTTCGACTGGTACATGGACAACCTGTATGG
ACCGACGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTACCACATCGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATTGTTATGTAGCTTACCCCTTAGACCTT
TTGAGGAAGGCTCTGTTACTAACATGTTTACTTCCAT
TGTGGGTAATGTATTTGGGTTCAAAGCCTTGCGTGCT
CTACGCTTGGAGGATTTGCGAATTCCTGTTGCTTATAT
AAAACTTTCCAAGGCCCGCCTCACGGTATCCAAGTT
GAAAGAGATAAATTGAACAAGTATGGCCGTCCCCTAT
TGGGATGCACCATTAAACCGAAATTAGGGTTATCCGC
TAAAAACTATGGTCGAGCAGTTTATGAATGTCTT

Reference Detail

Description of reference material	Specimen of Radix Pseudostellariae
Scientific name	<i>Pseudostellaria heterophylla</i> (Miq.) Pax ex Pax et Hoffm.
Laboratory number	21RD28
Sample mark	21RD28-4A
Locality	Zhangshu City, Jiangxi Province, China
Corresponding plant voucher specimen	21RD18
Authenticated	Yes
Remarks	-

Image

Front view



Back view



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI211116-2

>21RD28-5A ITS2

CGCATCGCAGCCCCCTCACTCCACCCCTTAGTGGGAT
GGGGAGGAAGATGGTTTCCCGTGCCTACCGGGCAC
GTTTGGCCTAAAATTGGAGCCTAAGGCATTGAGTTGT
YGCGCAATAGGTGGTGAACAAGGCCTTGCCGTGC
AAGCAACCAGTCGTGCAACCCTTTGACAATCGAAGCT
CGTAGGAGACCCTATGATGTTGCCTTTTGGTGACACA
AACTGTTG

Remarks:

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

Batch ID. BI211116-2

>21RD28-5A *psbA-trnH*

TCTATAAATGGATAAAAATATCTTTCTTTTCTAGTTTA
GTATATACGAGTTTTTTTTTTTAGTAAAGGAGCAATA
CTAGTTTCTTGATAGAACAAGAAATTTTAAATGCTC
CTTTACTAGTTAGTTTTTTTATTTCTTTACTCCAATCCT
TACAAAAAATTTTTTTTACTAAAAAAAATACTTTACAT
AAAATCTTATTATCTTTTACGTTTAAAAATGTCAATTCT
TTTCTGTTAATTCTGAATTAAGAATTAACAAACTTA
AAGTTTAAGTATTAAAGTTTTTTTATGTATTAGCAAAA
GGGGCGGA

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI211116-2

>21RD28-5A *rbcL*

AAGTGTGGATTAAAGCTGGTGTAAAGATTACAAA
TTGACTTATTATACTCCTGAGTATGAAACCCTGGATA
CTGATATCTTGGCAGCATTCCGAGTAACCTCAACC
TGGAGTTCCACCCGAAGAAGCAGGGGCCGAGTAGC
CGCCGAATCTTCGACTGGTACATGGACAACGTATGG
ACCGACGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTACCACATCGAGCCCCGTTGCTGGAGAAGAA
ATCAATATATTTGTTATGTAGCTTACCCCTTAGACCTT
TTTGAGGAAGGCTCTGTTACTAACATGTTTACTTCCAT
TGTGGGTAATGTATTTGGGTTCAAAGCCTTGCGTGCT
CTACGCTTGGAGGATTGCGAATTCCTGTTGCTTATAT
AAAAACTTTCCAAGGCCCGCCTCACGGTATCCAAGTT
GAAAGAGATAAATTGAACAAGTATGGCCGTCCTTAT
TGGGATGCACCATTAACCGAAATTAGGGTTATCCGC
TAAAAACTATGGTCGAGCAGTTTATGAATGTCTT

Reference Detail

Description of reference material	Specimen of Radix Pseudostellariae
Scientific name	<i>Pseudostellaria heterophylla</i> (Miq.) Pax ex Pax et Hoffm.
Laboratory number	21RD28
Sample mark	21RD28-5A
Locality	Zhangshu City, Jiangxi Province, China
Corresponding plant voucher specimen	21RD18
Authenticated	Yes
Remarks	ITS2: 111Y

Image

Front view



Back view



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI211116-2

>21RD28-6A ITS2

CGCATCGCAGCCCCCTCACTCCACCCCTTAGTGGGAT
GGGGAGGAAGATGGTTTCCCGTGCCTACCGGGCAC
GGTTGGCCTAAAATTGGAGCCTAAGGCATTGAGTTGT
CGCGGCAATAGGTGGTGAACAAGGCCTTGCCCGTGC
AAGCAACCAGTCGTGCAACCCTTTGACAATCGAAGCT
CGTAGGAGACCCTATGATGTTGCCTTTGGTGACACA
AACTGTTG

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

Batch ID. BI211116-2

>21RD28-6A_psbA-trnH

TCTATAAATGGATAAAATATCTTTCTTTTATAGTTA
GTATATACGAGTTTCTTTTATAGTAAAGGAGCAATA
CTAGTTTCTTGATAGAACAAGAAATTTTAAATGCTC
CTTACTAGTTAGTTTCTTTATTTCTTTACTCCAATCCT
TACAAAAATTTTCTTTACTAAAAAAATACCTTACAT
AAAATCTTATTATCTTTTACGTTTAAAAATGTCAATTCT
TTCTGTTAATTCTTGAATTAAGAATTAAACAACTTA
AAGTTTAAGTATTAAAGTTTCTTTATGTATTAGCAAAA
GGGGCGGA

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI211116-2

>21RD28-6A_rbcL

AAGTGTTGGATTAAAGCTGGTGTAAAGATTACAAA
TTGACTTATTATACTCCTGAGTATGAAACCTGGATA
CTGATATCTTGGCAGCATTCCGAGTAACCTCCTCAACC
TGGAGTTCCACCCGAAGAAGCAGGGGCCGAGTAGC
CGCCGAATCTTCGACTGGTACATGGACAACGTATGG
ACCGACGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTACCACATCGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATTGTTATGTAGCTTACCCCTTAGACCTT
TTGAGGAAGGCTCTGTTACTAACATGTTTACTTCCAT
TGTGGGTAATGTATTTGGGTTCAAAGCCTTGCGTGCT
CTACGCTTGGAGGATTGCGAATTCCTGTTGCTTATAT
AAAACTTTCCAAGGCCCGCCTCACGGTATCCAAGTT
GAAAGAGATAAATTGAACAAGTATGGCCGTCCCCTAT
TGGGATGCACCATTAAACCGAAATTAGGGTTATCCGC
TAAAACTATGGTCGAGCAGTTTATGAATGTCTT

Reference Detail

Description of reference material	Specimen of Radix Pseudostellariae
Scientific name	<i>Pseudostellaria heterophylla</i> (Miq.) Pax ex Pax et Hoffm.
Laboratory number	21RD28
Sample mark	21RD28-6A
Locality	Zhangshu City, Jiangxi Province, China
Corresponding plant voucher specimen	21RD18
Authenticated	Yes
Remarks	-

Image

Front view



Back view



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI211116-2

>21RD28-7A ITS2

CGCATCGCAGCCCCCTCACTCCACCCCTTAGTGGGAT
GGGGAGGAAGATGGTTTCCCGTGCCTACCGGGCAC
GGTTGGCCTAAAATTGGAGCCTAAGGCATTGAGTTGT
CGCGCAATAGGTGGTGAACAAGGCCTTGCCCGTGC
AAGCAACCAGTCGTGCAACCCTTTGACAATCGAAGCT
CGTAGGAGACCCTATGATGTTGCCTTTGGTGACACA
AACTGTTG

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

Batch ID. BI211116-2

>21RD28-7A_psbA-trnH

TCTATAAATGGATAAAATATCTTTCTTTTATAGTTA
GTATATACGAGTTTCTTTTATAGTAAAGGAGCAATA
CTAGTTTCTTGATAGAACAAGAAATTTTAAATGCTC
CTTACTAGTTAGTTTCTTTATTTCTTTACTCCAATCCT
TACAAAAATTTTCTTTACTAAAAAAATACCTTTACAT
AAAATCTTATTATCTTTTACGTTTAAAAATGTCAATTCT
TTCTGTTAATTCTTGAATTAAGAATTAAACAACTTA
AAGTTTAAGTATTAAAGTTTTTTATGTATTAGCAAAA
GGGGCGGA

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI211116-2

>21RD28-7A_rbcL

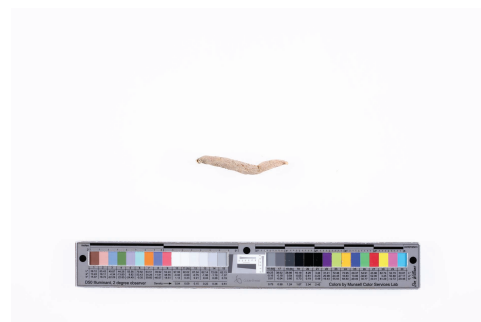
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GATGCTACCACATCGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATTGTTATGTAGCTTACCCCTTAGACCTT
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Reference Detail

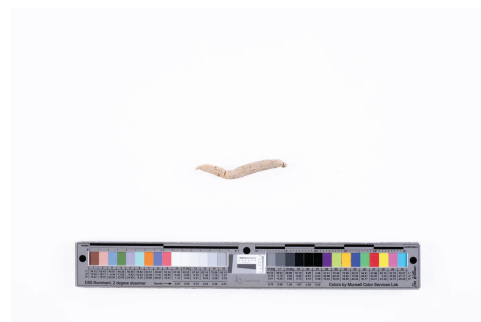
Description of reference material	Specimen of Radix Pseudostellariae
Scientific name	<i>Pseudostellaria heterophylla</i> (Miq.) Pax ex Pax et Hoffm.
Laboratory number	21RD28
Sample mark	21RD28-7A
Locality	Zhangshu City, Jiangxi Province, China
Corresponding plant voucher specimen	21RD18
Authenticated	Yes
Remarks	-

Image

Front view



Back view



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI211116-2

>21RD28-8A ITS2
CGCATCGCAGCCCCCTCACTCCACCCCTTAGTGGGAT
GGGGAGGAAGATGGTTTCCCGTGCCTACCGGGCAC
GGTTGGCCTAAAATTGGAGCCTAAGGCATTGAGTTGT
CGCGCAATAGGTGGTGAACAAGGCCTTGCCCGTGC
AAGCAACCAGTCGTGCAACCCTTTGACAATCGAAGCT
CGTAGGAGACCCTATGATGTTGCCTTTGGTGACACA
AACTGTTG

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

Batch ID. BI211116-2

>21RD28-8A_psbA-trnH
TCTATAAATGGATAAAATATCTTTCTTTTATAGTTA
GTATATACGAGTTTCTTTTATAGTAAAGGAGCAATA
CTAGTTTCTTGATAGAACAAGAAATTTTAAATGCTC
CTTACTAGTTAGTTTCTTTATTTCTTTACTCCAATCCT
TACAAAAATTTTCTTTACTAAAAAAATACCTTACAT
AAAATCTTATTATCTTTTACGTTTAAAAATGTCAATTCT
TTCTGTGAATTCTTGAATTAAGAATTAAACAACTTA
AAGTTTAAGTATTAAAGTTTCTTTATGTATTAGCAAAA
GGGGCGGA

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI211116-2

>21RD28-8A_rbcL
AAGTGTTGGATTAAAGCTGGTGTAAAGATTACAAA
TTGACTTATTATACTCCTGAGTATGAAACCTGGATA
CTGATATCTTGGCAGCATTCCGAGTAACCTCCTCAACC
TGGAGTTCCACCCGAAGAAGCAGGGGCCGAGTAGC
CGCCGAATCTTCGACTGGTACATGGACAACGTATGG
ACCGACGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTACCACATCGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATTGTTATGTAGCTTACCCCTTAGACCTT
TTGAGGAAGGCTCTGTTACTAACATGTTTACTTCCAT
TGTGGGTAATGTATTTGGGTTCAAAGCCTTGCGTGCT
CTACGCTTGGAGGATTTGCGAATTCCTGTTGCTTATAT
AAAACTTTCCAAGGCCCGCCTCACGGTATCCAAGTT
GAAAGAGATAAATTGAACAAGTATGGCCGTCCCCTAT
TGGGATGCACCATTAAACCGAAATTAGGGTTATCCGC
TAAAACTATGGTCGAGCAGTTTATGAATGTCTT

Reference Detail

Description of reference material	Specimen of Radix Pseudostellariae
Scientific name	<i>Pseudostellaria heterophylla</i> (Miq.) Pax ex Pax et Hoffm.
Laboratory number	21RD28
Sample mark	21RD28-8A
Locality	Zhangshu City, Jiangxi Province, China
Corresponding plant voucher specimen	21RD18
Authenticated	Yes
Remarks	-

Image

Front view



Back view



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI211116-2

>21RD28-9A ITS2

CGCATCGCAGCCCCCTCACTCCACCCCTTAGTGGGAT
GGGGAGGAAGATGGTTTCCCGTGCCTACCGGGCAC
GGTTGGCCTAAAATTGGAGCCTAAGGCATTGAGTTGT
CGCGGCAATAGGTGGTGAACAAGGCCTTGCCCGTGC
AAGCAACCAGTCGTGCAACCCTTTGACAATCGAAGCT
CGTAGGAGACCCTATGATGTTGCCTTTGGTGACACA
AACTGTTG

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

Batch ID. BI211116-2

>21RD28-9A_psbA-trnH

TCTATAAATGGATAAAATATCTTTCTTTTATAGTTA
GTATATACGAGTTTCTTTTATAGTAAAGGAGCAATA
CTAGTTTCTTGATAGAACAAGAAATTTTAAATGCTC
CTTACTAGTTAGTTTCTTTATTTCTTTACTCCAATCCT
TACAAAAATTTTCTTTACTAAAAAAATACCTTTACAT
AAAATCTTATTATCTTTTACGTTTAAAAATGTCAATTCT
TTCTGTGAATTCTTGAATTAAGAATTAAACAACTTA
AAGTTTAAGTATTAAAGTTTCTTTATGTATTAGCAAAA
GGGGCGGA

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI211116-2

>21RD28-9A_rbcL

AAGTGTTGGATTAAAGCTGGTGTAAAGATTACAAA
TTGACTTATTATACTCCTGAGTATGAAACCTGGATA
CTGATATCTTGGCAGCATTCCGAGTAACCTCAACC
TGGAGTTCCACCCGAAGAAGCAGGGGCCGAGTAGC
CGCCGAATCTTCGACTGGTACATGGACAACGTATGG
ACCGACGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTACCACATCGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATTGTTATGTAGCTTACCCCTTAGACCTT
TTGAGGAAGGCTCTGTTACTAACATGTTTACTTCCAT
TGTGGGTAATGTATTTGGGTTCAAAGCCTTGCGTGCT
CTACGCTTGGAGGATTTGCGAATTCCTGTTGCTTATAT
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Reference Detail

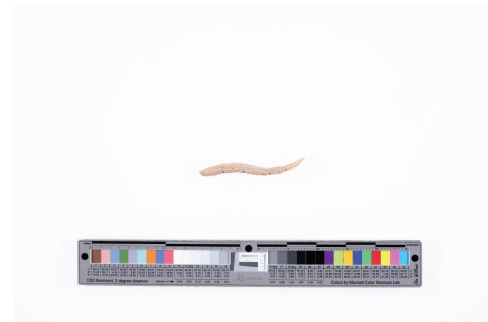
Description of reference material	Specimen of Radix Pseudostellariae
Scientific name	<i>Pseudostellaria heterophylla</i> (Miq.) Pax ex Pax et Hoffm.
Laboratory number	21RD28
Sample mark	21RD28-9A
Locality	Zhangshu City, Jiangxi Province, China
Corresponding plant voucher specimen	21RD18
Authenticated	Yes
Remarks	-

Image

Front view



Back view



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI211116-2

>21RD28-10A ITS2

CGCATCGCAGCCCCCTCACTCCACCCCTTAGTGGGAT
GGGGAGGAAGATGGTTTCCCGTGCCTACCGGGCAC
GGTTGGCCTAAAATTGGAGCCTAAGGCATTGAGTTGT
CGCGCAATAGGTGGTGAACAAGGCCTTGCCCGTGC
AAGCAACCAGTCGTGCAACCCTTTGACAATCGAAGCT
CGTAGGAGACCCTATGATGTTGCCTTTGGTGACACA
AACTGTTG

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

Batch ID. BI211116-2

>21RD28-10A_psbA-trnH

TCTATAAATGGATAAAATATCTTTCTTTTATAGTTA
GTATATACGAGTTTTTTTTTTTATAGTAAAGGAGCAATA
CTAGTTTCTTGATAGAACAAGAAATTTTAAATGCTC
CTTACTAGTTAGTTTTTTTATTCTTTACTCCAATCCT
TACAAAAATTTTTTTTACTAAAAAAAATACTTTACAT
AAAATCTTATTATCTTTTACGTTTAAAAATGTCAATTCT
TTCTGTTAATTCTTGAATTAAGAATTAAACAACTTA
AAGTTTAAGTATTAAAGTTTTTTTATGTATTAGCAAAA
GGGGCGGA

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI211116-2

>21RD28-10A_rbcL

AAGTGTTGGATTAAAGCTGGTGTAAAGATTACAAA
TTGACTTATTATACTCCTGAGTATGAAACCTGGATA
CTGATATCTTGGCAGCATTCCGAGTAACCTCCTCAACC
TGGAGTTCCACCCGAAGAAGCAGGGGCCGAGTAGC
CGCCGAATCTTCGACTGGTACATGGACAACGTATGG
ACCGACGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTACCACATCGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATTGTTATGTAGCTTACCCCTTAGACCTT
TTGAGGAAGGCTCTGTTACTAACATGTTTACTTCCAT
TGTGGGTAATGTATTTGGGTTCAAAGCCTTGCGTGCT
CTACGCTTGGAGGATTTGCGAATTCCTGTTGCTTATAT
AAAACTTTCCAAGGCCCGCCTCACGGTATCCAAGTT
GAAAGAGATAAATTGAACAAGTATGGCCGTCCCTAT
TGGGATGCACCATTAACCCGAAATTAGGGTTATCCGC
TAAAACTATGGTCGAGCAGTTTATGAATGTCTT

Reference Detail

Description of reference material	Specimen of Radix Pseudostellariae
Scientific name	<i>Pseudostellaria heterophylla</i> (Miq.) Pax ex Pax et Hoffm.
Laboratory number	21RD28
Sample mark	21RD28-10A
Locality	Zhangshu City, Jiangxi Province, China
Corresponding plant voucher specimen	21RD18
Authenticated	Yes
Remarks	-

Image

Front view



Back view



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI210903

>21RD29-1A ITS2

CGCATCGCAGCCCCCTCACTCCACCCCTTAGTGGGAT
GGGGAGGAAGATGGTTTCCCGTGCCTACCGGGCAC
GGTTGGCCTAAAATTGGAGCCTAAGGCATTGAGTTGT
CGCGCAATAGGTGGTGAACAAGGCCTTGCCCGTGC
AAGCAACCAGTCGTGCAACCCTTTGACAATCGAAGCT
CGTAGGAGACCCTATGATGTTGCCTTTGGTGACACA
AACTGTTG

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

Batch ID. BI210903

>21RD29-1A_psbA-trnH

TCTATAAATGGATAAAATATCTTTCTTTTATAGTTA
GTATATACGAGTTTTTTTTTTTAGTAAAGGAGCAATA
CTAGTTTCTTGATAGAACAAGAAATTTTAAATGCTC
CTTACTAGTTAGTTTTTTTATTCTTTACTCCAATCCT
TACAAAAATTTTTTTTACTAAAAAAAATACTTTACAT
AAAATCTTATTATCTTTTACGTTTAAAAATGTCAATTCT
TTCTGTTAATTCTTGAATTAAGAATTAAACAACTTA
AAGTTTAAGTATTAAAGTTTTTTTATGTATTAGCAAAA
GGGGCGGA

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI210903

>21RD29-1A_rbcL

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CTGATATCTTGGCAGCATTCCGAGTAACCTCCTCAACC
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CGCCGAATCTTCGACTGGTACATGGACAACGTATGG
ACCGACGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTACCACATCGAGCCCCTTGCTGGAGAAGAAA
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TTTGAGGAAGGCTCTGTTACTAACATGTTTACTTCCAT
TGTGGGTAATGTATTTGGGTTCAAAGCCTTGCGTGCT
CTACGCTTGGAGGATTTGCGAATTCCTGTTGCTTATAT
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GAAAGAGATAAATTGAACAAGTATGGCCGTCCCCTAT
TGGGATGCACCATTAAACCGAAATTAGGGTTATCCGC
TAAAAACTATGGTCGAGCAGTTTATGAATGTCTT

Reference Detail

Description of reference material	Specimen of Radix Pseudostellariae
Scientific name	<i>Pseudostellaria heterophylla</i> (Miq.) Pax ex Pax et Hoffm.
Laboratory number	21RD29
Sample mark	21RD29-1A
Locality	Zherong County, Fujian Province, China
Corresponding plant voucher specimen	21RD19, 21RD20
Authenticated	Yes
Remarks	-

Image

Front view



Back view



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI210903

>21RD29-2A ITS2

CGCATCGCAGCCCCCTCACTCCACCCCTTAGTGGGAT
GGGGAGGAAGATGGTTTCCCGTGCCTACCGGGCAC
GGTTGGCCTAAAATTGGAGCCTAAGGCATTGAGTTGT
CGCGCAATAGGTGGTGAACAAGGCCTTGCCCGTGC
AAGCAACCAAGTCGTGCAACCCTTTGACAATCGAAGCT
CGTAGGAGACCCTATGATGTTGCCTTTGGTGACACA
AACTGTTG

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

Batch ID. BI210903

>21RD29-2A_psbA-trnH

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CTAGTTTCTTGATAGAACAAGAAATTTTAAATGCTC
CTTACTAGTTAGTTTCTTTTATTCTTTACTCCAATCCT
TACAAAAATTTTCTTTTACTAAAAAAATACCTTACAT
AAAATCTTATTATCTTTTACGTTTAAAAATGTCAATTCT
TTCTGTGAATTCTTGAATTAAGAATTAAACAACTTA
AAGTTTAAGTATTAAAGTTTTTTATGTATTAGCAAAA
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Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI210903

>21RD29-2A_rbcL

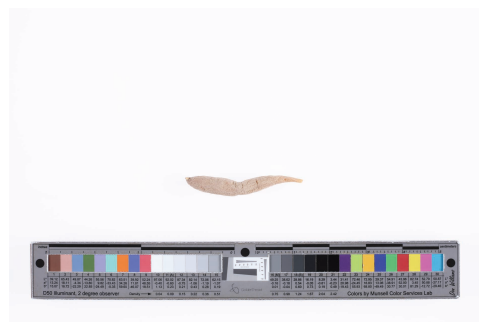
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Reference Detail

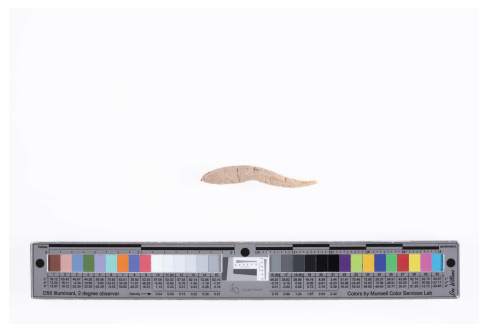
Description of reference material	Specimen of Radix Pseudostellariae
Scientific name	<i>Pseudostellaria heterophylla</i> (Miq.) Pax ex Pax et Hoffm.
Laboratory number	21RD29
Sample mark	21RD29-2A
Locality	Zherong County, Fujian Province, China
Corresponding plant voucher specimen	21RD19, 21RD20
Authenticated	Yes
Remarks	-

Image

Front view



Back view



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI211116-3

>21RD29-4A ITS2

CGCATCGCAGCCCCCTCACTCCACCCCTTAGTGGGAT
GGGGAGGAAGATGGTTTCCCGTGCCTACCGGGCAC
GGTTGGCCTAAAATTGGAGCCTAAGGCATTGAGTTGT
CGCGCAATAGGTGGTGAACAAGGCCTTGCCCGTGC
AAGCAACCAAGTCGTGCAACCCTTTGACAATCGAAGCT
CGTAGGAGACCCTATGATGTTGCCTTTGGTGACACA
AACTGTTG

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

Batch ID. BI211116-3

>21RD29-4A_psbA-trnH

TCTATAAATGGATAAAATATCTTTCTTTTATAGTTA
GTATATACGAGTTTCTTTTATAGTAAAGGAGCAATA
CTAGTTTCTTGATAGAACAAGAAATTTTAAATGCTC
CTTACTAGTTAGTTTCTTTATTTCTTTACTCCAATCCT
TACAAAAATTTTCTTTACTAAAAAAATACCTTACAT
AAAATCTTATTATCTTTTACGTTTAAAAATGTCAATTCT
TTCTGTTAATTCTTGAATTAAGAATTAAACAACTTA
AAGTTTAAGTATTAAAGTTTTTTATGTATTAGCAAAA
GGGGCGGA

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI211116-3

>21RD29-4A_rbcL

AAGTGTTGGATTAAAGCTGGTGTAAAGATTACAAA
TTGACTTATTATACTCCTGAGTATGAAACCCCTGGATA
CTGATATCTTGGCAGCATTCCGAGTAACCTCCTCAACC
TGGAGTTCCACCCGAAGAAGCAGGGGCCGAGTAGC
CGCCGAATCTTCGACTGGTACATGGACAACCTGTATGG
ACCGACGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTACCACATCGAGCCCGTTGCTGGAGAAGAAA
ATCAATATATTGTTATGTAGCTTACCCCTTAGACCTT
TTGAGGAAGGCTCTGTTACTAACATGTTTACTTCCAT
TGTGGGTAATGTATTTGGGTTCAAAGCCTTGCGTGCT
CTACGCTTGGAGGATTTGCGAATTCCTGTTGCTTATAT
AAAACTTTCCAAGGCCCGCCTCACGGTATCCAAGTT
GAAAGAGATAAATTGAACAAGTATGGCCGTCCCTAT
TGGGATGCACCATTAAACCCGAAATTAGGGTTATCCGC
TAAAAACTATGGTCGAGCAGTTTATGAATGTCTT

Reference Detail

Description of reference material	Specimen of Radix Pseudostellariae
Scientific name	<i>Pseudostellaria heterophylla</i> (Miq.) Pax ex Pax et Hoffm.
Laboratory number	21RD29
Sample mark	21RD29-4A
Locality	Zherong County, Fujian Province, China
Corresponding plant voucher specimen	21RD19, 21RD20
Authenticated	Yes
Remarks	-

Image

Front view



Back view



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI211116-3

>21RD29-5A ITS2

CGCATCGCAGCCCCCTCACTCCACCCCTTAGTGGGAT
GGGGAGGAAGATGGTTTCCCGTGCCTACCGGGCAC
GGTTGGCCTAAAATTGGAGCCTAAGGCATTGAGTTGT
CGCGCAATAGGTGGTGAACAAGGCCTTGCCCGTGC
AAGCAACCAGTCGTGCAACCCTTTGACAATCGAAGCT
CGTAGGAGACCCTATGATGTTGCCTTTGGTGACACA
AACTGTTG

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

Batch ID. BI211116-3

>21RD29-5A *psbA-trnH*

TCTATAAATGGATAAAATATCTTTCTTTTATAGTTA
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CTAGTTTCTTGATAGAACAAGAAATTTTAAATGCTC
CTTACTAGTTAGTTTCTTTTATTCTTTACTCCAATCCT
TACAAAAATTTTCTTTACTAAAAAATACTTTACAT
AAAATCTTATTATCTTTTACGTTTAAAAATGCAATTCT
TTCTGTTAATTCTTGAATTAAGAATTAAACAACTTA
AAGTTTAAGTATTAAAGTTTTTTATGTATTAGCAAAA
GGGGCGGA

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI211116-3

>21RD29-5A *rbcL*

AAGTGTTGGATTAAAGCTGGTGTAAAGATTACAAA
TTGACTTATTATACTCCTGAGTATGAAACCCCTGGATA
CTGATATCTTGGCAGCATTCCGAGTAACCTCCTCAACC
TGGAGTTCCACCCGAAGAAGCAGGGGCCGAGTAGC
CGCCGAATCTTCGACTGGTACATGGACAACCTGTATGG
ACCGACGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTACCACATCGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATTGTTATGTAGCTTACCCCTTAGACCTT
TTGAGGAAGGCTCTGTTACTAACATGTTTACTTCCAT
TGTGGGTAATGTATTTGGGTTCAAAGCCTTGCGTGCT
CTACGCTTGGAGGATTTGCGAATTCCTGTTGCTTATAT
AAAACTTTCCAAGGCCCGCCTCACGGTATCCAAGTT
GAAAGAGATAAATTGAACAAGTATGGCCGTCCCCTAT
TGGGATGCACCATTAAACCGAAAATTAGGGTTATCCGC
TAAAAACTATGGTCGAGCAGTTTATGAATGTCTT

Reference Detail

Description of reference material	Specimen of Radix Pseudostellariae
Scientific name	<i>Pseudostellaria heterophylla</i> (Miq.) Pax ex Pax et Hoffm.
Laboratory number	21RD29
Sample mark	21RD29-5A
Locality	Zherong County, Fujian Province, China
Corresponding plant voucher specimen	21RD19, 21RD20
Authenticated	Yes
Remarks	-

Image

Front view



Back view



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI211116-3

>21RD29-6A ITS2
CGCATCGCAGCCCCCTCACTCCACCCCTTAGTGGGAT
GGGGAGGAAGATGGTTTCCCGTGCCTACCGGGCAC
GGTTGGCCTAAAATTGGAGCCTAAGGCATTGAGTTGT
CGCGCAATAGGTGGTGAACAAGGCCTTGCCCGTGC
AAGCAACCAGTCGTGCAACCCTTTGACAATCGAAGCT
CGTAGGAGACCCTATGATGTTGCCCTTTGGTGACACA
AACTGTTG

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

Batch ID. BI211116-3

>21RD29-6A_psbA-trnH
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CTAGTTTCTTGATAGAACAAGAAATTTTAAATGCTC
CTTACTAGTTAGTTTCTTTATTTCTTTACTCCAATCCT
TACAAAAATTTTCTTTACTAAAAAAATACCTTACAT
AAAATCTTATTATCTTTTACGTTTAAAAATGTCAATTCT
TTCTGTGAATTCTTGAATTAAGAATTAAACAACTTA
AAGTTTAAGTATTAAAGTTTTTTATGTATTAGCAAAA
GGGGCGGA

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI211116-3

>21RD29-6A_rbcL
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TTGACTTATTATACTCCTGAGTATGAAACCCCTGGATA
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TGGAGTTCCACCCGAAGAAGCAGGGGCCGAGTAGC
CGCCGAATCTTCGACTGGTACATGGACAACCTGTATGG
ACCGACGGACTTACCAGTCTTGATCGTTACAAAGGAC
GATGCTACCACATCGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATTGTTATGTAGCTTACCCCTTAGACCTT
TTGAGGAAGGCTCTGTTACTAACATGTTTACTTCCAT
TGTGGGTAATGTATTTGGGTTCAAAGCCTTGCGTGCT
CTACGCTTGGAGGATTTGCGAATTCCTGTTGCTTATAT
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GAAAGAGATAAATTGAACAAGTATGGCCGTCCCTAT
TGGGATGCACCATTAAACCCGAAATTAGGGTTATCCGC
TAAAACTATGGTCGAGCAGTTTATGAATGTCTT

Reference Detail

Description of reference material	Specimen of Radix Pseudostellariae
Scientific name	<i>Pseudostellaria heterophylla</i> (Miq.) Pax ex Pax et Hoffm.
Laboratory number	21RD29
Sample mark	21RD29-6A
Locality	Zherong County, Fujian Province, China
Corresponding plant voucher specimen	21RD19, 21RD20
Authenticated	Yes
Remarks	-

Image

Front view



Back view



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI211116-3

>21RD29-7A ITS2

CGCATCGCAGCCCCCTCACTCCACCCCTTAGTGGGAT
GGGGAGGAAGATGGTTTCCCGTGCCTACCGGGCAC
GGTTGGCCTAAAATTGGAGCCTAAGGCATTGAGTTGT
CGCGGCAATAGGTGGTGAACAAGGCCTTGCCCGTGC
AAGCAACCAAGTCGTGCAACCCTTTGACAATCGAAGCT
CGTAGGAGACCCTATGATGTTGCCTTTGGTGACACA
AACTGTTG

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

Batch ID. BI211116-3

>21RD29-7A *psbA-trnH*

TCTATAAATGGATAAAATATCTTTCTTTTATAGTTA
GTATATACGAGTTTCTTTTATAGTAAAGGAGCAATA
CTAGTTTCTTGATAGAACAAGAAATTTTAAATGCTC
CTTACTAGTTAGTTTCTTTTATTCTTTACTCCAATCCT
TACAAAAATTTTCTTACTAAAAAAATACCTTTACAT
AAAATCTTATTATCTTTTACGTTTAAAAATGTCAATTCT
TTCTGTGAATTCTTGAATTAAGAATTAAACAACTTA
AAGTTTAAGTATTAAAGTTTTTTATGTATTAGCAAAA
GGGGCGGA

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI211116-3

>21RD29-7A *rbcL*

AAGTGTTGGATTAAAGCTGGTGTAAAGATTACAAA
TTGACTTATTATACTCCTGAGTATGAAACCCCTGGATA
CTGATATCTTGGCAGCATTCCGAGTAACCTCCTCAACC
TGGAGTTCCACCCGAAGAAGCAGGGGCCGAGTAGC
CGCCGAATCTTCGACTGGTACATGGACAACGTATGG
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Reference Detail

Description of reference material	Specimen of Radix Pseudostellariae
Scientific name	<i>Pseudostellaria heterophylla</i> (Miq.) Pax ex Pax et Hoffm.
Laboratory number	21RD29
Sample mark	21RD29-7A
Locality	Zherong County, Fujian Province, China
Corresponding plant voucher specimen	21RD19, 21RD20
Authenticated	Yes
Remarks	-

Image

Front view



Back view



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI211116-3

>21RD29-8A ITS2
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Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*)

Batch ID. BI211116-3

>21RD29-8A_psbA-trnH
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Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI211116-3

>21RD29-8A_rbcL
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Reference Detail

Description of reference material	Specimen of Radix Pseudostellariae
Scientific name	<i>Pseudostellaria heterophylla</i> (Miq.) Pax ex Pax et Hoffm.
Laboratory number	21RD29
Sample mark	21RD29-8A
Locality	Zherong County, Fujian Province, China
Corresponding plant voucher specimen	21RD19, 21RD20
Authenticated	Yes
Remarks	-

Image

Front view



Back view



Reference DNA sequences in FASTA format

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2) sequence of plant voucher specimen of *Pseudostellaria heterophylla* and Chinese Materia Medica (CMM) Radix Pseudostellariae

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Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*) sequence of plant voucher specimen of *Pseudostellaria heterophylla* and Chinese Materia Medica (CMM) Radix Pseudostellariae

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[illegible]

Partial chloroplast ribulose biphosphate carboxylase large chain (*rbcL*) sequence of plant voucher specimen of *Pseudostellaria heterophylla* and Chinese Materia Medica (CMM) Radix Pseudostellariae

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