

Fact sheet of reference DNA sequences of *Peucedanum praeruptorum* (白花前胡)

Summary	Information
Scientific name	<i>Peucedanum praeruptorum</i> Dunn
Type of reference material used for data generation	● Plant voucher specimen ● Radix Peucedani (前胡)
Plant voucher specimen (number / locality)	● 1 / Xianju County, Zhejiang Province, China ● 1 / Ningguo City, Anhui Province, China ● 1 / Pan'an County, Zhejiang Province, China
Chinese Materia Medica (number / locality)	● 4 / Xianju County, Zhejiang Province, China ● 5 / Ningguo City, Anhui Province, China ● 8 / Pan'an County, Zhejiang 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 230 bp ● Chloroplast <i>psbA-trnH</i> intergenic spacer (<i>psbA</i>-

Summary	Information
	<i>trnH</i>) is 276–289 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. BI220118-2

>22RD5-1A ITS2

CGCATCGTCTTTGCCACAAACCACTCACACCTGAGA
AGTTGTGTCGGTTTGGTGGCGGAAACTGGCCTCCCGT
ACCTTGTTGTGCGGTTGGCGGAAAAATGAGTCTCCGG
CGACGGACGTCGCGACATCGGTGGTTGTAAGAACCC
CTCTTGATTGTGCTACGAATCCTCGTCGCTTAAGAG
AGATTCAGGACCCTTAGGCAGCACACACTCTGTGCGC
TTCGACTG

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

Batch ID. BI220118-2

>22RD5-1A_psbA-trnH

ATAACTTTCCTYTAGACCTAGTGCTGTGAAGCTCCA
TCTACAAATGGGTAAGACCGGGTTTAGTATATACGA
GTTTTTTGAAATAAAAAAAGCAATACCGCCCCCTTGT
TCTATCAAGAGGGCGGTATTCTCTTTTATATTTCA
GACTGTTTTAAATAAACAAATACCTTTGAATGATCAA
AAAGGAATCCTTTTTTTTCTTTAATAAATATAAATT
AATAAATAAATAAAAGAAAATTAGCGGGGCGGATGT
ASCCAAGKGGATCAAGGCAGK

Remarks: observation at nucleotide position 12, 22, 263, 269, 282

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI220118-2

>22RD5-1A_rbcL

AGGTGTTGGATTCAAAGCTGGGGTTAAAGATTACAAA
TTGACTTATTATACTCCTGACTATGAAACCAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACCTCCTCAACC
TGGAGTTCACCCGAAGAAGCGGGGGCCGCGGTAGC
TGCCGAATCTTCTACTGGTACATGGACCACTGTGTGG
ACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGC
GCTGCTACGGAATAGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATCGCTTATGTAGCTTACCCATTAGACCTT
TTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCAT
TGTAGGTAATGTATTTGGGTTCAAAGCCCTGCGCGCT
CTACGTCTGGAAGATCTGCGAATCCCCGTTGCTTATG
TTAAAACTTTCCAAGGACCGCCTCATGGCATCCAAGT
TGAGAGAGATAAATTGAACAAGTACGGTCGTCGCCCTG
TTGGGATGTACTATTAAACCTAAATTGGGGTTATCCG
CTAAAAACTACGGTAGACGGGTTTATGAATGTCTC

Reference Detail

Description of reference material	Plant voucher specimen
Scientific name	<i>Peucedanum praeruptorum</i> Dunn
Laboratory number	22RD5
Sample mark	22RD5-1A
Locality	Xianju County, Zhejiang Province, China
Corresponding CMM specimen	22RD3
Authenticated	Yes
Remarks	psbA-trnH: 12Y, 22S, 263S, 269K, 282K

Image



Reference DNA Sequence

Plant Specimen

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI220118-2

>22RD6-1A ITS2

CGCATCGTCTTTGCCACAAACCACTCACACCTGAGA
AGTTGTGTCGGTTTGGTGGCGGAACTGGCCTCCCGT
ACCTTGTTGTGCGGTTGGCGGAAAAATGAGTCTCCGG
CGACGGACGTCGCGACATCGGTGGTTGTAAGAACCC
CTCTTGATTGTGTCGACGAATCCTCGTCGTCTTAAGAG
AGATTCAGGACCCTTAGGCAGCACACACTCTGTGCGC
TTCGACTG

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

Batch ID. BI220118-2

>22RD6-1A_psbA-trnH

ATAACTTTCCTCTAGACCTAGCTGCTGTTGAAGCTCCA
TCTACAAATGGGTAAGACCGGGTTTAGTATATACGA
GTTTTTTGAAATAAAAAAAGCAATACCGCCCCCTTGT
TCTATCAAGAGGGCGGTATTCTCTTTTATATTTCA
GACTGTTTTAAATAAACAAATACCTTTGAATGATCAA
AAAGGAATCCTTTTTTTTCTTTAATAAAATATAAATTA
ATAAATAAAATAAAAGAAAATTAGCGGGGCGGATGTA
GCCAAGTGGATCAAGGCAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI220118-2

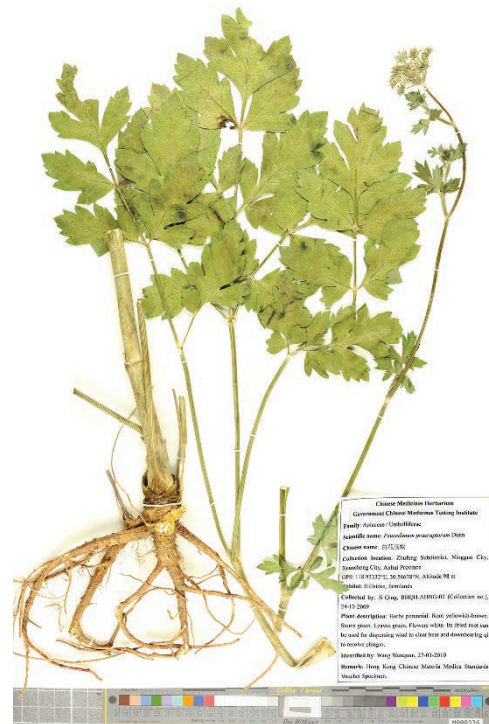
>22RD6-1A_rbcL

AGGTGTTGGATTCAAAGCTGGGGTTAAAGATTACAAA
TTGACTTATTATACTCCTGACTATGAAACCAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACCTCCTCAACC
TGGAGTTCCACCCGAAGAAGCGGGGGCCGCGGTAGC
TGCCGAATCTTCTACTGGTACATGGACCACTGTGTGG
ACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGC
GCTGCTACGGAATAGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATCGCTTATGTAGCTTACCCATTAGACCTT
TTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCAT
TGTAGGTAATGTATTTGGGTTCAAAGCCCTGCGCGCT
CTACGTCTGGAAGATCTGCGAATCCCCGTTGCTTATG
TAAAACTTTCCAAGGACCGCCTCATGGCATCCAAGT
TGAGAGAGATAAATTGAACAAGTACGGTCGTCGCCCTG
TTGGGATGTACTATTAAACCTAAATTGGGGTTATCCG
CTAAAAACTACGGTAGAGCGGTTTATGAATGTCTC

Reference Detail

Description of reference material	Plant voucher specimen
Scientific name	<i>Peucedanum praeruptorum</i> Dunn
Laboratory number	22RD6
Sample mark	22RD6-1A
Locality	Ningguo City, Anhui Province, China
Corresponding CMM specimen	22RD4
Authenticated	Yes
Remarks	-

Image



Reference DNA Sequence

Plant Specimen

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID, BI220118-2

>22RD7-1A ITS2

CGCATCGTCTTTGCCACAAAACCACTCACACCTGAGA
AGTTGTGTCGGTTTGGTGGCGGAAACTGGCCTCCCGT
ACCTTGTTGTGCGGTTGGCGGAAAAATGAGTCTCCGG
CGACGGACGTCGCGACATCGGTGGTTGTAAAAAGACC
CTCTTGATTGTCTGACGAATCCTCGTCGTCTTAAGAG
AGATTACGAGACCCTTAGGCAGCACAACTCTGTGCGC
TTCGACTG

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

Batch ID, BI220118-2

>22RD7-1A psbA-trnH

ATAACTTTCCTCTAGACCTAGCTGCTGTTGAAGCTCCA
TCTACAAATGGGTAAGACCGGGTTTTAGTATATACGA
GTTTTTTGAAATAAAAAAAGCAATACCGCCCCCTTGT
TCTATCAAGAGGGCGGTATTCTTCTTTTATATTCA
GACTGTTTTAAATAAACAAATACTTTTGAATGATCAA
AAAGGAATCCTTTTTTTCTTTAATAAATATAAATTA
ATAAATAAATAAAAAAATAATAGCGGGGCGGATGA
GCCAAGTGGATCAAGGCAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID, BI220118-2

>22RD7-1A rbcL

AGGTGTTGGATTCAAAGCTGGGGTTAAAGATTACAAA
TTGACTTATTATACTCCTGACTATGAAACCAAAGATA
CTGATATCTTGGCAGCATCTCCGAGTAACCTCTCAACC
TGGAGTTCCACCGCAAGAAGCGGGGCCGCGTAGC
TGCCGAATCTTCTACTGGTACATGGACCACCTGTGTGG
ACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGC
GCTGCTACGGAATAGAGCCCGTTGCTGGAGAAGAAA
ATCAATATATCGCTTATGTAGCTTACCCATTAGACCTT
TTTGAAGAAGGTTCTGTACTAACATGTTTACTTCCAT
TGTAGGTAATGTATTGGGTTCAAAGCCCTGCGCGCT
CTACGTCTGGAAGATCTGCGAATCCCCGTTGCTTATG
TTAAAACTTTCCAAGGACCGCCTCATGGCATCCAAGT
TGAGAGATAGATAAAATTGAACAAGTACGGTCTGCCCTG
TTGGGATGTACTATTAAACCTAAATGGGGTTATCCG
CTAAAAACTACGGTAGAGCGGTTTATGAATGTCTC

Reference Detail

Description of reference material	Plant voucher specimen
Scientific name	<i>Peucedanum praeruptorum</i> Dunn
Laboratory number	22RD7
Sample mark	22RD7-1A
Locality	Pan'an County, Zhejiang Province, China
Corresponding CMM specimen	22RD1, 22RD2
Authenticated	Yes
Remarks	-

Image



Reference DNA Sequence

Chinese Materia Medica (CMM)

DNA Information

Internal transcribed spacer 2 of nuclear ribosomal RNA (ITS2)

Batch ID. BI220118-3

>22RD1-1A ITS2

CGCATCGTCTTTGCCACAAACCACTCACACCTGAGA
AGTTGTGTGCGTTTGGTGGCGGAACTGGCCTCCCGT
ACCTTGTTGTGCGGTTGGCGGAAAAATGAGTCTCCGG
CGACGGACGTCGCGACATCGGTGGTTGTAAGAACGACC
CTCTTGATTGTGCGTACGAATCCTCGTCGCTCTTAAGAG
AGATTCAGGACCCTTAGGCAGCACACACTCTGTGCGC
TTCGACTG

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

Batch ID. BI220118-3

>22RD1-1A *psbA-trnH*

ATAACTTTCCTCTAGACCTAGCTGCTGTTGAAGCTCCA
TCTACAAATGGGTAAGACCGGGTTTGTATATACGA
GTTTTTTGAAATAAAAAAAGCAATACCGCCCCCTTGT
TCTATCAAGAGGGCGGTATTTCTCTTTTATATTTCA
GACTGTTTTAAATATTTAAATAAAACAAATACTTTGA
ATGATCAAAAAGGAATCCTTTTTTTTCTTTAATAAAT
ATAAATTAATAAATAAATAAAAGAAAAATTAGCGGGG
CGGATGTAGCCAAGTGGATCAAGGCAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI220118-3

>22RD1-1A *rbcL*

AGGTGTTGGATTCAAAGCTGGGGTTAAAGATTACAAA
TTGACTTATTATACTCCTGACTATGAAACCAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACC
TGGAGTTCCACCCGAAGAAGCGGGGGCCGCGGTAGC
TGCCGAATCTTCTACTGGTACATGGACCACTGTGTGG
ACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGC
GCTGCTACGGAATAGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATCGCTTATGTAGCTTACCCATTAGACCTT
TTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCAT
TGTAGGTAATGTATTTGGGTTCAAAGCCCTGCGCGCT
CTACGTCTGGAAGATCTGCGAATCCCGTTGCTTATG
TTAAAACTTTCCAAGGACCGCCTCATGGCATCCAAGT
TGAGAGAGATAAATTGAACAAGTACGGTCGTCGCCCTG
TTGGGATGTACTATTAAACCTAAATTGGGGTTATCCG
CTAAAACTACGGTAGAGCGGTTTATGAATGTCTC

Reference Detail

Description of reference material	Specimen of <i>Peucedani Radix</i>
Scientific name	<i>Peucedanum praeruptorum</i> Dunn
Laboratory number	22RD1
Sample mark	22RD1-1A
Locality	Pan'an County, Zhejiang Province, China
Corresponding plant voucher specimen	22RD7
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. BI220118-3

>22RD1-2A ITS2

CGCATCGTCTTTGCCACAAACCACTCACACCTGAGA
AGTTGTGTGCGTTTGGTGGCGGAACTGGCCTCCCGT
ACCTTGTTGTGCGGTTGGCGGAAAAATGAGTCTCCGG
CGACGGACGTCGCGACATCGGTGGTTGTAAGAACG
CTCTTGATTGTGCGTACGAATCCTCGTCGCTTAAGAG
AGATTCAGGACCCTTAGGCAGCACACACTCTGTGCGC
TTCGACTG

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

Batch ID. BI220118-3

>22RD1-2A *psbA-trnH*

ATAACTTTCCTCTAGACCTAGCTGCTGTTGAAGCTCCA
TCTACAAATGGGTAAAGACCGGGTTTGTATATACGA
GTTTTTTGAAATAAAAAAAGCAATACCGCCCCCTTGT
TCTATCAAGAGGGCGGTATTTCTCTTTTATATTTCA
GACTGTTTTAAATATTTAAATAAAACAAATACTTTGA
ATGATCAAAAAGGAATCCTTTTTTTTCTTTAATAAAT
ATAAATTAATAAAATAAAAGAAAAATTAGCGGGG
CGGATGTAGCCAAGTGGATCAAGGCAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI220118-3

>22RD1-2A *rbcL*

AGGTGTTGGATTCAAAGCTGGGGTTAAAGATTACAAA
TTGACTTATTATACTCCTGACTATGAAACCAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACC
TGGAGTTCCACCCGAAGAAGCGGGGGCCGCGGTAGC
TGCCGAATCTTCTACTGGTACATGGACCACTGTGTGG
ACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGC
GCTGCTACGGAATAGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATCGCTTATGTAGCTTACCCATTAGACCTT
TTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCAT
TGTAGGTAATGTATTTGGGTTCAAAGCCCTGCGCGCT
CTACGTCTGGAAGATCTGCGAATCCCGTTGCTTATG
TTAAAACTTTCCAAGGACCGCCTCATGGCATCCAAGT
TGAGAGAGATAAATTGAACAAGTACGGTCGTCGCCCTG
TTGGGATGTACTATTAAACCTAAATTGGGGTTATCCG
CTAAAACTACGGTAGAGCGGTTTATGAATGTCTC

Reference Detail

Description of reference material	Specimen of Peucedani Radix
Scientific name	<i>Peucedanum praeruptorum</i> Dunn
Laboratory number	22RD1
Sample mark	22RD1-2A
Locality	Pan'an County, Zhejiang Province, China
Corresponding plant voucher specimen	22RD7
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. BIC250513

>22RD1-3A ITS2

CGCATCGTCTTTGCCACAAACCACTCACACCTGAGA
AGTTGTGTCGGTTTGGTGGCGGAACTGGCCTCCCGT
ACCTTGTTGTGCGGTTGGCGGAAAAATGAGTCTCCGG
CGACGGACGTCGCGACATCGGTGGTTGTAAAAGACC
CTCTTGATTGTGTCGTACGAATCCTCGTCGTCTTAAGAG
AGATTCAGGACCCTTAGGCAGCACACACTCTGTGCGC
TTCGACTG

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

Batch ID. BIC250513

>22RD1-3A_psbA-trnH

ATAACTTTCCTCTAGACCTAGCTGCTGTTGAAGCTCCA
TCTACAAATGGGTAAGACCGGGTTTGTATATACGA
GTTTTTTGAAATAAAAAAAGCAATACCGCCCCCTTGT
TCTATCAAGAGGGCGGTATTTCTCTTTTATATTTCA
GACTGTTTTAAATATTTAAATAAAACAAATACTTTGA
ATGATCAAAAAGGAATCCTTTTTTTTCTTTAATAAAT
ATAAATTAATAAATAAATAAAAGAAAAATTAGCGGGG
CGGATGTAGCCAAGTGGATCAAGGCAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BIC250513

>22RD1-3A_rbcL

AGGTGTTGGATTCAAAGCTGGGGTTAAAGATTACAAA
TTGACTTATTATACTCCTGACTATGAAACCAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACC
TGGAGTTCCACCCGAAGAAGCGGGGGCCGCGGTAGC
TGCCGAATCTTCTACTGGTACATGGACCACTGTGTGG
ACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGC
GCTGCTACGGAATAGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATCGCTTATGTAGCTTACCCATTAGACCTT
TTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCAT
TGTAAGGTAATGTATTTGGGTTCAAAGCCCTGCGCGCT
CTACGTCTGGAAGATCTGCGAATCCCGTTGCTTATG
TTAAAACTTTCCAAGGACCGCCTCATGGCATCCAAGT
TGAGAGAGATAAAATTGAACAAGTACGGTCGTCGCCCTG
TTGGGATGTACTATTAAACCTAAATTGGGGTTATCCG
CTAAAACTACGGTAGAGCGGTTTATGAATGTCTC

Reference Detail

Description of reference material	Specimen of Peucedani Radix
Scientific name	<i>Peucedanum praeruptorum</i> Dunn
Laboratory number	22RD1
Sample mark	22RD1-3A
Locality	Pan'an County, Zhejiang Province, China
Corresponding plant voucher specimen	22RD7
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. BIC250513

>22RD1-4A ITS2

CGCATCGTCTTTGCCACAAACCACTCACACCTGAGA
AGTTGTGTCGGTTTGGTGGCGGAACTGGCCTCCCGT
ACCTTGTTGTGCGGTTGGCGGAAAAATGAGTCTCCGG
CGACGGACGTCGCGACATCGGTGGTTGTAAGAACGACC
CTCTTGATTGTGTCGTACGAATCCTCGTCGTCTTAAGAG
AGATTCAGGACCCTTAGGCAGCACACACTCTGTGCGC
TTCGACTG

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

Batch ID. BIC250513

>22RD1-4A *psbA-trnH*

ATAACTTTCCTCTAGACCTAGCTGCTGTTGAAGCTCCA
TCTACAAATGGGTAAGACCGGGTTTGTATATACGA
GTTTTTTGAAATAAAAAAAGCAATACCGCCCCCTTGT
TCTATCAAGAGGGCGGTATTTCTCTTTTATATTTCA
GACTGTTTTAAATATTTAAATAAAACAAATACTTTGA
ATGATCAAAAAGGAATCCTTTTTTTTCTTTAATAAAT
ATAAATTAATAAAATAAAAGAAAATTAGCGGGG
CGGATGTAGCCAAGTGGATCAAGGCAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BIC250513

>22RD1-4A *rbcL*

AGGTGTTGGATTCAAAGCTGGGGTTAAAGATTACAAA
TTGACTTATTATACTCCTGACTATGAAACCAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACC
TGGAGTTCCACCCGAAGAAGCGGGGGCCGCGGTAGC
TGCCGAATCTTCTACTGGTACATGGACCACTGTGTGG
ACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGC
GCTGCTACGGAATAGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATCGCTTATGTAGCTTACCCATTAGACCTT
TTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCAT
TGTAGGTAATGTATTTGGGTTCAAAGCCCTGCGCGCT
CTACGTCTGGAAGATCTGCGAATCCCGTTGCTTATG
TAAAACTTTCCAAGGACCGCCTCATGGCATCCAAGT
TGAGAGAGATAAATTGAACAAGTACGGTCGTCGCCCTG
TTGGGATGTACTATTAAACCTAAATTGGGGTTATCCG
CTAAAACTACGGTAGAGCGGTTTATGAATGTCTC

Reference Detail

Description of reference material	Specimen of Peucedani Radix
Scientific name	<i>Peucedanum praeruptorum</i> Dunn
Laboratory number	22RD1
Sample mark	22RD1-4A
Locality	Pan'an County, Zhejiang Province, China
Corresponding plant voucher specimen	22RD7
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. BIC250513

>22RD1-5A ITS2

CGCATCGTCTTTGCCACAAACCACTCACACCTGAGA
AGTTGTGTCGGTTTGGTGGCGGAACTGGCCTCCCGT
ACCTTGTTGTGCGGTTGGCGGAAAAATGAGTCTCCGG
CGACGGACGTCGCGACATCGGTGGTTGTAAAAGACC
CTCTTGATTGTGTCGTACGAATCCTCGTCGTCTTAAGAG
AGATTCAGGACCCTTAGGCAGCACACACTCTGTGCGC
TTCGACTG

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

Batch ID. BIC250513

>22RD1-5A *psbA-trnH*

ATAACTTTCCTCTAGACCTAGCTGCTGTTGAAGCTCCA
TCTACAAATGGGTAAGACCGGGTTTGTATATACGA
GTTTTTTGAAATAAAAAAAGCAATACCGCCCCCTTGT
TCTATCAAGAGGGCGGTATTTCTCTTTTATATTTCA
GACTGTTTTAAATATTTAAATAAAACAAATACTTTGA
ATGATCAAAAAGGAATCCTTTTTTTTCTTTAATAAAAT
ATAAATTAATAAAATAAAATAAAAGAAAAATTAGCGGGG
CGGATGTAGCCAAGTGGATCAAGGCAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BIC250513

>22RD1-5A *rbcL*

AGGTGTTGGATTCAAAGCTGGGGTTAAAGATTACAAA
TTGACTTATTATACTCCTGACTATGAAACCAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACC
TGGAGTTCCACCCGAAGAAGCGGGGGCCGCGGTAGC
TGCCGAATCTTCTACTGGTACATGGACCACTGTGTGG
ACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGC
GCTGCTACGGAATAGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATCGCTTATGTAGCTTACCCATTAGACCTT
TTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCAT
TGTAGGTAATGTATTTGGGTTCAAAGCCCTGCGCGCT
CTACGTCTGGAAGATCTGCGAATCCCGTTGCTTATG
TAAAACTTTCCAAGGACCGCCTCATGGCATCCAAGT
TGAGAGAGATAAAATTGAACAAGTACGGTCGTCGCCCTG
TTGGGATGTACTATTAAACCTAAATTGGGGTTATCCG
CTAAAACTACGGTAGAGCGGTTTATGAATGTCTC

Reference Detail

Description of reference material	Specimen of Peucedani Radix
Scientific name	<i>Peucedanum praeruptorum</i> Dunn
Laboratory number	22RD1
Sample mark	22RD1-5A
Locality	Pan'an County, Zhejiang Province, China
Corresponding plant voucher specimen	22RD7
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. BIC250513

>22RD1-6A ITS2

CGCATCGTCTTTGCCACAAACCACTCACACCTGAGA
AGTTGTGTCGGTTTGGTGGCGGAAACTGGCCTCCCGT
ACCTTGTTGTGCGGTTGGCGGAAAAATGAGTCTCCGG
CGACGGACGTGCGGACATCGGTGGTTGTAAGACC
CTCTTGATTTGTCGTACGAATCCTCGTCGTCTTAAGAG
AGATTCAGGACCCTTAGGCAGCACACACTCTGTGCGC
TTCGACTG

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

Batch ID. BIC250513

>22RD1-6A *psbA-trnH*

ATAACTTTCCTCTAGACCTAGCTGCTGTTGAAGCTCCA
TYTACAAATGGGTAAAGACCGGGTTTGTATATACGA
GTTTTTTGAAATAAAAAAAGCAATACCGCCCCCTTGT
TCTATCAAGAGGGCGGTATTTCTCTTTTATATTTCA
GACTGTTTTAAATATTTAAATAAAACAAATACTTTGA
ATGATCAAAAAGGAATCCTTTTTTTTCTTTAATAAAT
ATAAATTAATAAAATAAATAAAAGAAAATTAGCGGGG
CGGATGTAGCCAAGTGGATCAAGGCAGT

Remarks: observation at nucleotide position 40

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BIC250513

>22RD1-6A *rbcL*

AGGTGTTGGATTCAAAGCTGGGGTTAAAGATTACAAA
TTGACTTATTATACTCCTGACTATGAAACCAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACC
TGGAGTTCCACCCGAAGAAGCGGGGGCCGCGGTAGC
TGCCGAATCTTCTACTGGTACATGGACCACTGTGTGG
ACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGC
GCTGCTACGGAATAGAGCCCGTTGCTGGAGAAGAAA
ATCAATATATCGCTTATGTAGCTTACCCATTAGACCTT
TTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCAT
TGTAAGTAATGTATTTGGGTTCAAAGCCCTGCGCGCT
CTACGTCTGGAAGATCTGCGAATCCCCGTTGCTTATG
TTAAAACCTTTCCAAGGACCGCCTCATGGCATCCAAGT
TGAGAGAGATAAATTGAACAAGTACGGTCGTCCCCCTG
TTGGGATGTACTATTAACCTAAATTGGGGTTATCCG
CTAAAACCTACGGTAGAGCGGTTTATGAATGTCTC

Reference Detail

Description of reference material	Specimen of <i>Peucedani Radix</i>
Scientific name	<i>Peucedanum praeruptorum</i> Dunn
Laboratory number	22RD1
Sample mark	22RD1-6A
Locality	Pan'an County, Zhejiang Province, China
Corresponding plant voucher specimen	22RD7
Authenticated	Yes
Remarks	<i>psbA-trnH</i> : 40Y

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. BI220118-3

>22RD2-1A ITS2

CGCATCGTCTTTGCCACAAACCACTCACACCTGAGA
AGTTGTGTCGGTTTGGTGGCGGAACTGGCCTCCCGT
ACCTTGTTGTGCGGTTGGCGGAAAAATGAGTCTCCGG
CGACGGACGTCGCGACATCGGTGGTTGTAAGAACGACC
CTCTTGATTGTGTCGTACGAATCCTCGTCGTCTTAAGAG
AGATTCAGGACCCTTAGGCAGCACACACTCTGTGCGC
TTCGACTG

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

Batch ID. BI220118-3

>22RD2-1A *psbA-trnH*

ATAACTTTCCTCTAGACCTAGCTGCTGTTGAAGCTCCA
TCTACAAATGGGTAAGACCGGGTTTGTATATACGA
GTTTTTTGAAATAAAAAAAGCAATACCGCCCCCTTGT
TCTATCAAGAGGGCGGTATTCTCTTTTATATTTC
GACTGTTTTAAATATTTAAATAAAACAAATACTTTGA
ATGATCAAAAAGGAATCCTTTTTTTTCTTTAATAAAT
ATAAATTAATAAAATAAAAGAAAAATTAGCGGGG
CGGATGTAGCCAAGTGGATCAAGGCAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI220118-3

>22RD2-1A *rbcL*

AGGTGTTGGATTCAAAGCTGGGGTTAAAGATTACAAA
TTGACTTATTATACTCCTGACTATGAAACCAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACC
TGGAGTTCCACCCGAAGAAGCGGGGGCCGCGGTAGC
TGCCGAATCTTCTACTGGTACATGGACCACTGTGTGG
ACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGC
GCTGCTACGGAATAGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATCGCTTATGTAGCTTACCCATTAGACCTT
TTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCAT
TGTAGGTAATGTATTTGGGTTCAAAGCCCTGCGCGCT
CTACGTCTGGAAGATCTGCGAATCCCGTTGCTTATG
TTAAAACTTTCCAAGGACCGCCTCATGGCATCCAAGT
TGAGAGAGATAAATTGAACAAGTACGGTCGTCGCCCTG
TTGGGATGTACTATTAAACCTAAATTGGGGTTATCCG
CTAAAACTACGGTAGAGCGGTTTATGAATGTCTC

Reference Detail

Description of reference material	Specimen of <i>Peucedani Radix</i>
Scientific name	<i>Peucedanum praeruptorum</i> Dunn
Laboratory number	22RD2
Sample mark	22RD2-1A
Locality	Pan'an County, Zhejiang Province, China
Corresponding plant voucher specimen	22RD7
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. BI220118-3

>22RD2-2A ITS2

CGCATCGTCTTTGCCACAAACCACTCACACCTGAGA
AGTTGTGTCGGTTTGGTGGCGGAACTGGCCTCCCGT
ACCTTGTTGTGCGGTTGGCGGAAAAATGAGTCTCCGG
CGACGGACGTCGCGACATCGGTGGTTGTAAAAGACC
CTCTTGATTGTGTCGTACGAATCCTCGTCGTCTTAAGAG
AGATTCAGGACCCTTAGGCAGCACACACTCTGTGCGC
TTCGACTG

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

Batch ID. BI220118-3

>22RD2-2A *psbA-trnH*

ATAACTTTCCTCTAGACCTAGCTGCTGTTGAAGCTCCA
TCTACAAATGGGTAAGACCGGGTTTGTATATACGA
GTTTTTTGAAATAAAAAAAGCAATACCGCCCCCTTGT
TCTATCAAGAGGGCGGTATTGCTCTTTTATATTTC
GACTGTTTTAAATAAACAATACTTTGAATGATCAA
AAAGGAATCCTTTTTTCTTAATAAATATAAATTAAT
AAATAAATAAAAGAAAATTAGCGGGGCGGATGTAGC
CAAGTGGATCAAGGCAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI220118-3

>22RD2-2A *rbcL*

AGGTGTTGGATTCAAAGCTGGGGTTAAAGATTACAAA
TTGACTTATTATACTCCTGACTATGAAACCAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACC
TGGAGTTCCACCCGAAGAAGCGGGGGCCGCGGTAGC
TGCCGAATCTTCTACTGGTACATGGACCACTGTGTGG
ACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGC
GCTGCTACGGAATAGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATCGCTTATGTAGCTTACCCATTAGACCTT
TTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCAT
TGTAGGTAATGTATTTGGGTTCAAAGCCCTGCGCGCT
CTACGTCTGGAAGATCTGCGAATCCCGTTGCTTATG
TTAAAACTTTCCAAGGACCGCCTCATGGCATCCAAGT
TGAGAGAGATAAATTGAACAAGTACGGTCGTCGCCCTG
TTGGGATGTACTATTAAACCTAAATTGGGGTTATCCG
CTAAAACTACGGTAGAGCGGTTTATGAATGTCTC

Reference Detail

Description of reference material	Specimen of Peucedani Radix
Scientific name	<i>Peucedanum praeruptorum</i> Dunn
Laboratory number	22RD2
Sample mark	22RD2-2A
Locality	Pan'an County, Zhejiang Province, China
Corresponding plant voucher specimen	22RD7
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. BI220118-3

>22RD3-1A ITS2

CGCATCGTCTTTGCCACAAACCACTCACACCTGAGA
AGTTGTGTCGGTTTGGTGGCGGAACTGGCCTCCCGT
ACCTTGTTGTGCGGTTGGCGGAAAAATGAGTCTCCGG
CGACGGACGTCGCGACATCGGTGGTTGTAAGAACG
CTCTTGATTGTGTCGTACGAATCCTCGTCGTCTTAAGAG
AGATTCAGGACCCTTAGGCAGCACACACTCTGTGCGC
TTCGACTG

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

Batch ID. BI220118-3

>22RD3-1A *psbA-trnH*

ATAACTTTCCTCTAGACCTAGCTGCTGTTGAAGCTCCA
TCTACAAATGGGTAAAGACCGGGTTTAGTATATACGA
GTTTTTTGAAATAAAAAAAGCAATACCGCCCCCTTGT
TCTATCAAGAGGGCGGTATTTCTCTTTTATATTTCA
GACTGTTTTAAATAAACAAATACCTTTGAATGATCAA
AAAGGAATCCTTTTTTTCTTTAATAAATATAAATTA
TAAATAAAAGAAAATTAGCGGGGCGGATGTAGCCAA
GTGGATCAAGGCAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI220118-3

>22RD3-1A *rbcL*

AGGTGTTGGATTCAAAGCTGGGGTTAAAGATTACAAA
TTGACTTATTATACTCCTGACTATGAAACCAAAGATA
CTGACATCTTGGCAGCATTCCGAGTAACTCCTCAACC
TGGAGTTCCACCCGAAGAAGCGGGGGCCGCGGTAGC
TGCCGAATCTTCTACTGGTACATGGACCACTGTGTGG
ACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGC
GCTGCTACGGAATAGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATCGCTTATGTAGCTTACCCATTAGACCTT
TTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCAT
TGTAGGTAATGTATTTGGGTTCAAAGCCCTGCGCGCT
CTACGTCTGGAAGATCTGCGAATCCCGTTGCTTATG
TAAAACTTTCCAAGGACCGCCTCATGGCATCCAAGT
TGAGAGAGATAAATTGAACAAGTACGGTCGTCGCCCTG
TTGGGATGTACTATTAAACCTAAATTGGGGTTATCCG
CTAAAACTACGGTAGAGCGGTTTATGAATGTCTC

Reference Detail

Description of reference material	Specimen of Peucedani Radix
Scientific name	<i>Peucedanum praeruptorum</i> Dunn
Laboratory number	22RD3
Sample mark	22RD3-1A
Locality	Xianju County, Zhejiang Province, China
Corresponding plant voucher specimen	22RD5
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. BI220118-3

>22RD3-2A ITS2

CGCATCGTCTTTGCCACAAACCACTCACACCTGAGA
AGTTGTGTCGGTTTGGTGGCGGAACTGGCCTCCCGT
ACCTTGTTGTGCGGTTGGCGGAAAAATGAGTCTCCGG
CGACGGACGTCGCGACATCGGTGGTTGTAAGAACGACC
CTCTTGATTGTGTCGTACGAATCCTCGTCGTCTTAAGAG
AGATTCAGGACCCTTAGGCAGCACACACTCTGTGCGC
TTCGACTG

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

Batch ID. BI220118-3

>22RD3-2A_psbA-trnH

ATAACTTTCCTCTAGACCTAGCTGCTGTTGAAGCTCCA
TCTACAAATGGGTAAGACCGGGTTTAGTATATACGA
GTTTTTTGAAATAAAAAAAGCAATACCGCCCCCTTGT
TCTATCAAGAGGGCGGTATTCTCTTTTATATTTCA
GACTGTTTTAAATAAACAAATACCTTTGAATGATCAA
AAAGGAATCCTTTTTTTCTTTAATAAATATAAATTA
TAAATAAAAGAAAATTAGCGGGGCGGATGTAGCCAA
GTGGATCAAGGCAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI220118-3

>22RD3-2A_rbcL

AGGTGTTGGATTCAAAGCTGGGGTTAAAGATTACAAA
TTGACTTATTATACTCCTGACTATGAAACCAAAGATA
CTGACATCTTGGCAGCATTCCGAGTAACTCCTCAACC
TGGAGTTCCACCCGAAGAAGCGGGGGCCGCGGTAGC
TGCCGAATCTTCTACTGGTACATGGACCACTGTGTGG
ACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGC
GCTGCTACGGAATAGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATCGCTTATGTAGCTTACCCATTAGACCTT
TTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCAT
TGTAGGTAATGTATTTGGGTTCAAAGCCCTGCGCGCT
CTACGTCTGGAAGATCTGCGAATCCCGTTGCTTATG
TTAAAACTTTCCAAGGACCGCCTCATGGCATCCAAGT
TGAGAGAGATAAATTGAACAAGTACGGTCGTCGCCCTG
TTGGGATGTACTATTAAACCTAAATTGGGGTTATCCG
CTAAAACTACGGTAGAGCGGTTTATGAATGTCTC

Reference Detail

Description of reference material	Specimen of Peucedani Radix
Scientific name	<i>Peucedanum praeruptorum</i> Dunn
Laboratory number	22RD3
Sample mark	22RD3-2A
Locality	Xianju County, Zhejiang Province, China
Corresponding plant voucher specimen	22RD5
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. BIC250513

>22RD3-4A ITS2

CGCATCGTCTTTGCCACAAACCACTCACACCTGAGA
AGTTGTGTCGGTTTGGTGGCGGAACTGGCCTCCCGT
ACCTTGTTGTGCGGTTGGCGGAAAAATGAGTCTCCGG
CGACGGACGTCGCGACATCGGTGGTTGTAAGAACGACC
CTCTTGATTGTGTCGTACGAATCCTCGTCGTCTTAAGAG
AGATTCAGGACCCTTAGGCAGCACACACTCTGTGCGC
TTCGACTG

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

Batch ID. BIC250513

>22RD3-4A *psbA-trnH*

ATAACTTTCCTCTAGACCTAGCTGCTGTTGAAGCTCCA
TCTACAAATGGGTAAGACCGGGTTTGTATATACGA
GTTTTTTGAAATAAAAAAAGCAATACCGCCCCCTTGT
TCTATCAAGAGGGCGGTATTTCTCTTTTATATTTCA
GACTGTTTTAAATAAACAAATACTTTGAATGATCAA
AAAGGAATCCTTTTTTTCTTTAATAAATATAAATTA
TAAATAAAAGAAAATTAGCGGGGCGGATGTAGCCAA
GTGGATCAAGGCAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BIC250513

>22RD3-4A *rbcL*

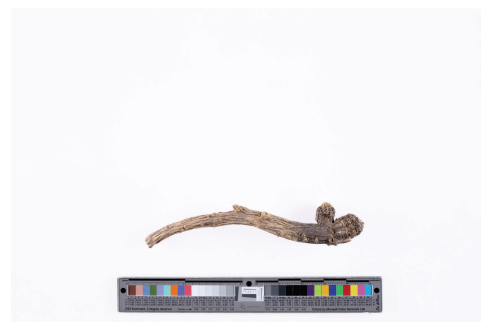
AGGTGTTGGATTCAAAGCTGGGGTTAAAGATTACAAA
TTGACTTATTATACTCCTGACTATGAAACCAAAGATA
CTGACATCTTGGCAGCATTCCGAGTAACTCCTCAACC
TGGAGTTCCACCCGAAGAAGCGGGGGCCGCGGTAGC
TGCCGAATCTTCTACTGGTACATGGACCACTGTGTGG
ACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGC
GCTGCTACGGAATAGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATCGCTTATGTAGCTTACCCATTAGACCTT
TTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCAT
TGTAGGTAATGTATTTGGGTTCAAAGCCCTGCGCGCT
CTACGTCTGGAAGATCTGCGAATCCCGTTGCTTATG
TTAAAACTTTCCAAGGACCGCCTCATGGCATCCAAGT
TGAGAGAGATAAATTGAACAAGTACGGTCGTCGCCCTG
TTGGGATGTACTATTAAACCTAAATTGGGGTTATCCG
CTAAAACTACGGTAGAGCGGTTTATGAATGTCTC

Reference Detail

Description of reference material	Specimen of <i>Peucedani Radix</i>
Scientific name	<i>Peucedanum praeruptorum</i> Dunn
Laboratory number	22RD3
Sample mark	22RD3-4A
Locality	Xianju County, Zhejiang Province, China
Corresponding plant voucher specimen	22RD5
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. BIC250513

>22RD3-5A ITS2

CGCATCGTCTTTGCCACAAACCACTCACACCTGAGA
AGTTGTGTCGGTTTGGTGGCGGAACTGGCCTCCCGT
ACCTTGTTGTGCGGTTGGCGGAAAAATGAGTCTCCGG
CGACGGACGTCGCGACATCGGTGGTTGTAAAAGACC
CTCTTGATTGTGTCGTACGAATCCTCGTCGTCTTAAGAG
AGATTCAGGACCCTTAGGCAGCACACACTCTGTGCGC
TTCGACTG

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

Batch ID. BIC250513

>22RD3-5A *psbA-trnH*

ATAACTTTCCTCTAGACCTAGCTGCTGTTGAAGCTCCA
TCTACAAATGGGTAAGACCGGGTTTGTATATACGA
GTTTTTTGAAATAAAAAAAGCAATACCGCCCCCTTGT
TCTATCAAGAGGGCGGTATTCTCTTTTATATTTCA
GACTGTTTTAAATAAACAAATACTTTGAATGATCAA
AAAGGAATCCTTTTTTTCTTTAATAAATATAAATTA
TAAATAAAAAGAAAATTAGCGGGGCGGATGTAGCCAA
GTGGATCAAGGCAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BIC250513

>22RD3-5A *rbcL*

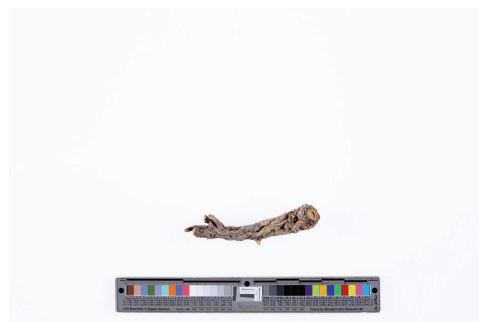
AGGTGTTGGATTCAAAGCTGGGGTTAAAGATTACAAA
TTGACTTATTATACTCCTGACTATGAAACCAAAGATA
CTGACATCTTGGCAGCATTCCGAGTAACTCCTCAACC
TGGAGTTCCACCCGAAGAAGCGGGGGCCGCGGTAGC
TGCCGAATCTTCTACTGGTACATGGACCACTGTGTGG
ACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGC
GCTGCTACGGAATAGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATCGCTTATGTAGCTTACCCATTAGACCTT
TTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCAT
TGTAGGTAATGTATTTGGGTTCAAAGCCCTGCGCGCT
CTACGTCTGGAAGATCTGCGAATCCCCGTTGCTTATG
TAAAACTTTCCAAGGACCGCCTCATGGCATCCAAGT
TGAGAGAGATAAATTGAACAAGTACGGTCGTCGCCCTG
TTGGGATGTACTATTAAACCTAAATTGGGGTTATCCG
CTAAAACTACGGTAGAGCGGTTTATGAATGTCTC

Reference Detail

Description of reference material	Specimen of <i>Peucedani Radix</i>
Scientific name	<i>Peucedanum praeruptorum</i> Dunn
Laboratory number	22RD3
Sample mark	22RD3-5A
Locality	Xianju County, Zhejiang Province, China
Corresponding plant voucher specimen	22RD5
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. BI220118-3

>22RD4-1A ITS2

CGCATCGTCTTTGCCACAAACCACTCACACCTGAGA
AGTTGTGTCGGTTTGGTGGCGGAACTGGCCTCCCGT
ACCTTGTTGTGCGGTTGGCGGAAAAATGAGTCTCCGG
CGACGGACGTCGCGACATCGGTGGTTGTAAGAAC
CTCTTGATTGTGTCGACGAATCCTCGTCGCTTAAGAG
AGATTCAGGACCCTTAGGCAGCACACACTCTGTGCGC
TTCGACTG

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

Batch ID. BI220118-3

>22RD4-1A_psbA-trnH

ATAACTTTCCTCTAGACCTAGCTGCTGTTGAAGCTCCA
TCTACAAATGGGTAAAGACCGGGTTTAGTATATACGA
GTTTTTTGAAATAAAAAAAGCAATACCGCCCCCTTGT
TCTATCAAGAGGGCGGTATTTCTCTTTTATATTTCA
GACTGTTTTAAATATTTAAATAAAACAAATACTTTGA
ATGATCAAAAAGGAATCCTTTTTTTTCTTTAATAAAT
ATAAATTAATAAATAAATAAAGAAAAATTAGCGGGG
CGGATGTAGCCAAGTGGATCAAGGCAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BI220118-3

>22RD4-1A_rbcL

AGGTGTTGGATTCAAAGCTGGGGTTAAAGATTACAAA
TTGACTTATTATACTCTGACTATGAAACCAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACC
TGGAGTTCCACCCGAAGAAGCGGGGGCCGCGGTAGC
TGCCGAATCTTCTACTGGTACATGGACCACTGTGTGG
ACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGC
GCTGCTACGGAATAGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATCGCTTATGTAGCTTACCCATTAGACCTT
TTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCAT
TGTAGGTAATGTATTTGGGTTCAAAGCCCTGCGCGCT
CTACGTCTGGAAGATCTGCGAATCCCGTTGCTTATG
TTAAACTTTCCAAGGACCGCCTCATGGCATCCAAGT
TGAGAGAGATAAATTGAACAAGTACGGTCGTTCCCTG
TTGGGATGTACTATTAAACCTAAATTGGGGTTATCCG
CTAAAAACTACGGTAGAGCGGTTTATGAATGTCTC

Reference Detail

Description of reference material	Specimen of Peucedani Radix
Scientific name	<i>Peucedanum praeruptorum</i> Dunn
Laboratory number	22RD4
Sample mark	22RD4-1A
Locality	Ningguo City, Anhui Province, China
Corresponding plant voucher specimen	22RD6
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. BIC250513

>22RD4-3A ITS2

CGCATCGTCTTTGCCACAAACCACTCACACCTGAGA
AGTTGTGTCGGTTTGGTGGCGGAAACTGGCCTCCCGT
ACCTTGTTGTGCGGTTGGCGGAAAAATGAGTCTCCGG
CGACGGACGTCGCGACATCGGTGGTTGTAAGAACGACC
CTCTTGATTGTGTCGTACGAATCCTCGTCGTCTTAAGAG
AGATTCAGGACCCTTAGGCAGCACACACTCTGTGCGC
TTCGACTG

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

Batch ID. BIC250513

>22RD4-3A *psbA-trnH*

ATAACTTTCCTCTAGACCTAGCTGCTGTTGAAGCTCCA
TCTACAAATGGGTAAGACCGGGTTTAGTATATACGA
GTTTTTTGAAATAAAAAAAGCAATACCGCCCCCTTGT
TCTATCAAGAGGGCGGTATTTCTCTTTTATATTTCA
GACTGTTTTAAATATTTAAATAAAACAAATACTTTGA
ATGATCAAAAAGGAATCCTTTTTTTTCTTTAATAAAAT
ATAAATTAATAAAATAAAATAAAAGAAAATTAGCGGGG
CGGATGTAGCCAAGTGGATCAAGGCAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BIC250513

>22RD4-3A *rbcL*

AGGTGTTGGATTCAAAGCTGGGGTTAAAGATTACAAA
TTGACTTATTATACTCCTGACTATGAAACCAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACCTCCTCAACC
TGGAGTTCCACCCGAAGAAGCGGGGGCCGCGGTAGC
TGCCGAATCTTCTACTGGTACATGGACCACTGTGTGG
ACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGC
GCTGCTACGGAATAGAGCCCCGTGCTGGAGAAGAAA
ATCAATATATCGCTTATGTAGCTTACCCATTAGACCTT
TTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCAT
TGTAGGTAATGTATTTGGGTTCAAAGCCCTGCGCGCT
CTACGTCTGGAAGATCTGCGAATCCCCGTTGCTTATG
TTAAAACTTTCCAAGGACCGCCTCATGGCATCCAAGT
TGAGAGAGATAAAATTGAACAAGTACGGTCGTCGCCCTG
TTGGGATGTACTATTAAACCTAAATTGGGGTTATCCG
CTAAAAACTACGGTAGAGCGGTTTATGAATGTCTC

Reference Detail

Description of reference material	Specimen of Peucedani Radix
Scientific name	<i>Peucedanum praeruptorum</i> Dunn
Laboratory number	22RD4
Sample mark	22RD4-3A
Locality	Ningguo City, Anhui Province, China
Corresponding plant voucher specimen	22RD6
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. BIC250513-2

>22RD4-4A ITS2

CGCATCGTCTTTGCCACAAACCACTCACACCTGAGA
AGTTGTGTCGGTTTGGTGGCGGAACTGGCCTCCCGT
ACCTTGTTGTGCGGTTGGCGGAAAAATGAGTCTCCGG
CGACGGACGTCGCGACATCGGTGGTTGTAAGAACGACC
CTCTTGATTTGTGTCGACGAATCCTCGTCGTCCTTAAGAG
AGATTCAGGACCCTTAGGCAGCACACACTCTGTGCGC
TTCGACTG

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

Batch ID. BIC250513-2

>22RD4-4A *psbA-trnH*

ATAACTTTCCTCTAGACCTAGCTGCTGTTGAAGCTCCA
TCTACAAATGGGTAAGACCGGGTTTAGTATATACGA
GTTTTTTGAAATAAAAAAAGCAATACCGCCCCCTTGT
TCTATCAAGAGGGCGGTATTTCTCTTTTATATTTCA
GACTGTTTTAAATAAACAAATACCTTTGAATGATCAA
AAAGGAATCCTTTTTTTTCTTTAATAAATAAATAA
ATAAATAAATAAAGAAAAATTAGCGGGGCGGATGTA
GCCAAGTGATCAAGGCAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BIC250513-2

>22RD4-4A *rbcL*

AGGTGTTGGATTCAAAGCTGGGGTTAAAGATTACAAA
TTGACTTATTATACTCCTGACTATGAAACCAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACC
TGGAGTTCCACCCGAAGAAGCGGGGGCCGCGGTAGC
TGCCGAATCTTCTACTGGTACATGGACCACTGTGTGG
ACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGC
GCTGCTACGGAATAGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATCGCTTATGTAGCTTACCCATTAGACCTT
TTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCAT
TGTAGGTAATGTATTTGGGTTCAAAGCCCTGCGCGCT
CTACGTCTGGAAGATCTGCGAATCCCCGTTGCTTATG
TTAAAACTTTCCAAGGACCGCCTCATGGCATCCAAGT
TGAGAGAGATAAAATTGAACAAGTACGGTCGTCCCCTG
TTGGGATGTACTATTAAACCTAAATTGGGGTTATCCG
CTAAAAACTACGGTAGAGCGGTTTATGAATGTCTC

Reference Detail

Description of reference material	Specimen of Peucedani Radix
Scientific name	<i>Peucedanum praeruptorum</i> Dunn
Laboratory number	22RD4
Sample mark	22RD4-4A
Locality	Ningguo City, Anhui Province, China
Corresponding plant voucher specimen	22RD6
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. BIC250513-2

>22RD4-6A ITS2

CGCATCGTCTTTGCCACAAACCACTCACACCTGAGA
AGTTGTGTCGGTTTGGTGGCGGAACTGGCCTCCCGT
ACCTTGTTGTGCGGTTGGCGGAAAAATGAGTCTCCGG
CGACGGACGTCGCGACATCGGTGGTTGTAAGAAC
CTCTTGATTTGTGTCGACGAATCCTCGTCGTTTAAAGAG
AGATTCAGGACCCTTAGGCAGCACACACTCTGTGCGC
TTCGACTG

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

Batch ID. BIC250513-2

>22RD4-6A *psbA-trnH*

ATAACTTTCCTCTAGACCTAGCTGCTGTTGAAGCTCCA
TCTACAAATGGGTAAGACCGGGTTTAGTATATACGA
GTTTTTTGAAATAAAAAAAGCAATACCGCCCCCTTGT
TCTATCAAGAGGGCGGTATTTCTCTTTTATATTTCA
GACTGTTTTAAATATTTAAATAAAACAAATACTTTGA
ATGATCAAAAAGGAATCCTTTTTTTTCTTTAATAAAT
ATAAATTAATAAATAAATAAAGAAAAATTAGCGGGG
CGGATGTAGCCAAGTGGATCAAGGCAGT

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BIC250513-2

>22RD4-6A *rbcL*

AGGTGTTGGATTCAAAGCTGGGGTTAAAGATTACAAA
TTGACTTATTATACTCCTGACTATGAAACCAAAGATA
CTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACC
TGGAGTTCCACCCGAAGAAGCGGGGGCCGCGGTAGC
TGCCGAATCTTCTACTGGTACATGGACCACTGTGTGG
ACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGC
GCTGCTACGGAATAGAGCCCCTTGCTGGAGAAGAAA
ATCAATATATCGCTTATGTAGCTTACCCATTAGACCTT
TTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCAT
TGTAGGTAATGTATTTGGGTTCAAAGCCCTGCGCGCT
CTACGTCTGGAAGATCTGCGAATCCCCGTTGCTTATG
TTAAAACTTTCCAAGGACCGCCTCATGGCATCCAAGT
TGAGAGAGATAAATTGAACAAGTACGGTCGTCCCCTG
TTGGGATGTACTATTAAACCTAAATTGGGGTTATCCG
CTAAAAACTACGGTAGAGCGGTTTATGAATGTCTC

Reference Detail

Description of reference material	Specimen of Peucedani Radix
Scientific name	<i>Peucedanum praeruptorum</i> Dunn
Laboratory number	22RD4
Sample mark	22RD4-6A
Locality	Ningguo City, Anhui Province, China
Corresponding plant voucher specimen	22RD6
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. BIC250513-2

>22RD4-8A ITS2

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CTCTTGATTTGTCGTACGAATCCTCGTCGTTAAGAG
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TTCGACTG

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

Batch ID. BIC250513-2

>22RD4-8A *psbA-trnH*

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Remarks: observation at nucleotide position 40

Chloroplast ribulose biphosphate carboxylase large chain (*rbcL*)

Batch ID. BIC250513-2

>22RD4-8A *rbcL*

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Reference Detail

Description of reference material	Specimen of Peucedani Radix
Scientific name	<i>Peucedanum praeruptorum</i> Dunn
Laboratory number	22RD4
Sample mark	22RD4-8A
Locality	Ningguo City, Anhui Province, China
Corresponding plant voucher specimen	22RD6
Authenticated	Yes
Remarks	<i>psbA-trnH</i> : 40Y

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 *Peucedanum praeruptorum* and Chinese Materia Medica (CMM) Radix Peucedani

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>22RD4-6A ITS2

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Chloroplast *psbA-trnH* intergenic spacer (*psbA-trnH*) sequence of plant voucher specimen of *Peucedanum praeruptorum* and Chinese Materia Medica (CMM) Radix *Peucedani*

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Partial chloroplast ribulose biphosphate carboxylase large chain (*rbcL*) sequence of plant voucher specimen of *Peucedanum praeruptorum* and Chinese Materia Medica (CMM) Radix Peucedani

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