

Tracing the botanical origins of UK heather honey by relative quantification of plant DNA.

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***In silico* primer specificity testing of bell marker EC_trnL using primer-BLAST**

Primer-BLAST search: nt database; plants (taxid 3193); shows all entries with up to 6 mismatches to primer pair and up to 2 mismatches in last 5 bp at 3' ends.

Summary table

No. mismatches to primers (F; R).	No. Species and Family.	Species (no. isolate matches in database).
0 ; 0	1 Family: Ericaceae (<i>Erica</i> = 1).	<i>Erica cinerea</i> (4)
0 ; 1	155 Family: Ericaceae (<i>Erica</i> = 155).	<i>Erica mannii</i> (3), <i>Erica viscaria</i> (2), <i>Erica stokoei</i> (1), <i>Erica phaeocarpa</i> (1), <i>Erica parilis</i> (1), <i>Erica nevillei</i> (1), <i>Erica situshiemalis</i> (1), <i>Erica walkeria</i> (1), <i>Erica venustiflora</i> (1), <i>Erica sonderiana</i> (1), <i>Erica placentiflora</i> (2), <i>Erica penicilliformis</i> (1), <i>Erica paludicola</i> (1), <i>Erica lowryensis</i> (1), <i>Erica lasciva</i> (2), <i>Erica imbricata</i> (6), <i>Erica dracomontana</i> (1), <i>Erica coccinea</i> (2), <i>Erica cerinthoides</i> (3), <i>Erica woodii</i> (1), <i>Erica villosa</i> (1), <i>Erica vestita</i> (2), <i>Erica verticillate</i> (1), <i>Erica verecunda</i> (1), <i>Erica velatiflora</i> (1), <i>Erica vallis-araneorum</i> (1), <i>Erica uysii</i> (1), <i>Erica urceolata</i> (1), <i>Erica</i> sp. (1), <i>Erica tysonii</i> (1), <i>Erica tristis</i> (1), <i>Erica toringbergensis</i> (1), <i>Erica thunbergii</i> (1), <i>Erica tenuis</i> (2), <i>Erica stylaris</i> (1), <i>Erica strigose</i> (1), <i>Erica strigilifolia</i> (1), <i>Erica sparsa</i> (1), <i>Erica sparmannii</i> (1), <i>Erica simulans</i> (1), <i>Erica sylvatica</i> (1), <i>Erica serrata</i> (1), <i>Erica rivularis</i> (1), <i>Erica rigidula</i> (1), <i>Erica rhopalantha</i> (1), <i>Erica revoluta</i> (1), <i>Erica retorta</i> (1), <i>Erica regia</i> (1), <i>Erica recta</i> (1), <i>Erica pyxidiflora</i> (1), <i>Erica pycnantha</i> (1), <i>Erica psittacine</i> (1), <i>Erica pogonantha</i> (1), <i>Erica physophylla</i> (1), <i>Erica petricola</i> (1), <i>Erica perlata</i> , <i>Erica pectinifolia</i> (1), <i>Erica patersonii</i> (1), <i>Erica parviporandra</i> (1), <i>Erica pageana</i> (1), <i>Erica oreotragus</i> (1), <i>Erica oblongiflora</i> (1), <i>Erica nana</i> (1), <i>Erica nabea</i> (2), <i>Erica myriadenia</i> (1), <i>Erica multumbellifera</i> (1), <i>Erica monsoniana</i> (1), <i>Erica monadelphica</i> (1), <i>Erica modesta</i> (1), <i>Erica melastoma</i> (1), <i>Erica margaritacea</i> (1), <i>Erica malmesburiensis</i> (1), <i>Erica madida</i> (1), <i>Erica leucotrachela</i> (1), <i>Erica leucopelta</i> (1), <i>Erica leptopus</i> (1), <i>Erica lambertii</i> (1), <i>Erica lachnaeifolia</i> (1), <i>Erica kingaensis</i> (1), <i>Erica karwyderi</i> (1), <i>Erica junonia</i> (1), <i>Erica jasminiflora</i> (1), <i>Erica ingeana</i> (1), <i>Erica infundibuliformis</i> (1), <i>Erica inflata</i> (2), <i>Erica incarnata</i> (1), <i>Erica humifusa</i> (1), <i>Erica holosericea</i> (1), <i>Erica hibbertii</i> (1), <i>Erica hendricksei</i> (1), <i>Erica heleogena</i> (1), <i>Erica goudotiana</i> (1), <i>Erica glomiflora</i> (1), <i>Erica gibbosa</i> (2), <i>Erica georgica</i> (1), <i>Erica garciae</i> (1), <i>Erica frigida</i> (1), <i>Erica filipendula</i> (1), <i>Erica fausta</i> (1), <i>Erica fairii</i> (1), <i>Erica esteriana</i> (1), <i>Erica esterhuyseniae</i> (1), <i>Erica equisetifolia</i> (2), <i>Erica duthieae</i> (1), <i>Erica</i>

		drakensbergensis (1), Erica densifolia (1), Erica cyathiformis (1), Erica curviflora (1), Erica cristata (1), Erica corifolia (2), Erica condensata (1), Erica coarctata (2), Erica clavisepala (1), Erica chrysocodon (1), Erica chionodes (1), Erica cetrata (1), Erica capitata (1), Erica canescens (1), Erica cameronii (1), Erica caffrorum (1), Erica caffra (1), Erica caespitosa (1), Erica bruniifolia (1), Erica bolusiae (1), Erica blenna (2), Erica bicolor (1), Erica benguelensis (1), Erica baueri (1), Erica banksii (2), Erica axillaris (1), Erica atherstonei (1), Erica annectens (1), Erica albertyniae (1), Erica albens (1), Erica abietina (2), Erica x stuartii (1), Erica vagans (3), Erica umbellata (3), Erica trimera (1), Erica tetralix (6), Erica terminalis (2), Erica sricula (9), Erica scoparia (3), Erica platycodon (4), Erica oatesii (1), Erica multiflora (3), Erica manipuliflora (3), Erica mackaiana (5), Erica lusitanica (3), Erica halicacaba (1), Erica ciliaris (6), Erica carnea (4), Erica bojeri (1), Erica azorica (2), Erica arborea (12), Erica andevalensis (1), Erica scytophylla (1), Erica plukenetii (10).
0 ; 2	2 Family: Ericaceae (<i>Erica</i> = 2).	Erica kingaensis (1), Erica whyteana (1),
1 ; 1	7 Family: Ericaceae (<i>Erica</i> = 7).	Erica sagittata (1), Erica ciliaris (1), Erica urna-viridis (1), Erica physodes (1), Erica erigena (4), Erica australis (4), Erica arborea (1),
2 ; 0	1 Family: Ericaceae (<i>Erica</i> = 1).	Erica maderensis (1),
1 ; 2	2 Family: Ericaceae (<i>Erica</i> = 2).	Erica caffrorum (1), Erica muscosa (1),
3 ; 1	1 Family: Cercidiphyllaceae (<i>n</i> = 1).	Cercidiphyllum japonicum (1)
2 ; 2	1 Family Ericaceae (<i>Erica</i> = 1).	Erica agglutinans (1),
2 ; 3	1 Family: Primulaceae (<i>n</i> = 1).	Lysimachia thyrsoflora (1),

3 ; 2	126 Family: Hamamelidaceae (<i>n</i> = 72), Sabiaceae (<i>n</i> = 32), Daphniphyllaceae (<i>n</i> = 10), Francoaceae (<i>n</i> = 3), Rubiaceae (<i>n</i> = 3), Pentaphylacaceae (<i>n</i> = 2), Cercidiphyllaceae (<i>n</i> = 2), Menispermaceae (<i>n</i> = 1), Ebenaceae (<i>n</i> = 1).	Loropetalum chinense (15), Corylopsis pauciflora (9), Corylopsis stenopetala (1), Corylopsis yunnanensis (2), Corylopsis glabrescens (4), Corylopsis sinensis (5), Sycopsis sinensis (5), Fortunearia sinensis (4), Daphniphyllum macropodum (7), Cercidiphyllum japonicum (10), Mytilaria laosensis (4), Albertisia porcata (2), Cercidiphyllum magnificum (1), Disanthus cercidifolius (7), Rhodoleia parvipetala (2), Distylium myricoides (5), Distylium chinense (2), Distylium macrophyllum (2), Rhodoleia championii (5), Exbucklandia tonkinensis (15), Exbucklandia populnea (14), Exbucklandia longipetala (3), Exbucklandia sp. (5), Daphniphyllum calycinum (4), Daphniphyllum oldhamii (3), Distyliopsis tutcheri (2), Distyliopsis dunnii (4), Corylopsis multiflora (4), Corylopsis glandulifera (2), Corylopsis spicata (2), Distylium tsiangii (1), Parrotia persica (3), Parrotia subaequalis (4), Fothergilla gardenii (2), Hamamelis x intermedia (1), Noahdendron nicholasii (2), Ostrearia australiana (2), Molinadendron sinaloense (1), Sinowilsonia henryi (5), Eustigma oblongifolium (4), Maingaya malayana (2), Matudaea trinervia (1), Chunia bucklandioides (4), Rhodoleia henryi (3), Corylopsis coreana (1), Diospyros montana (1), Hamamelis mollis (5), Sycopsis triplinervia (1), Daphniphyllum laurinum (1), Daphniphyllum glaucescens (9), Daphniphyllum dichotomum (1), Daphniphyllum buehnerianum (2), Daphniphyllum borneense (1), Corylopsis gotoana, Hamamelis japonica (4), Corylopsis veitchiana (1), Meliosma myriantha (1), Eustigma balansae (1), Meliosma aff. cuneifolia (1), Fothergilla sp. (3), Parrotiopsis jacquemontiana (3), Hamamelis sp. (1), Fothergilla latifolia (1), Ophiocaryon maguirei (1), Ophiocaryon klugii (1), Ophiocaryon heterophyllum (1), Meliosma veitchiorum (1), Meliosma subcordata (1), Meliosma rigida (1), Meliosma rhoifolia (1), Meliosma pinnata (1), Meliosma oldhamii (1), Meliosma occidentalis (1), Meliosma longepedicellata (1), Meliosma irazuensis (1), Meliosma idiopoda (1), Meliosma herbertii (1), Meliosma gracilis (1), Meliosma glandulosa (1), Meliosma glabrata (1), Meliosma flexuosa (1), Meliosma donnellsmithii (1), Meliosma dilleniifolia (1), Meliosma dentata (1), Meliosma cuneifolia (1), Meliosma cornejoi (1), Meliosma clandestina (1), Meliosma callicarpifolia (1), Meliosma caballeroensis (1), Meliosma boliviensis (1), Meliosma angustifolia (1), Meliosma allenii (1), Meliosma alba (4), Corylopsis stelligera (1), Corylopsis trabeculosa (1), Daphniphyllum longeracemosum (1), Distylium dunnianum (2), Distylium pingpienense (2), Distyliopsis laurifolia (1), Corylopsis willmottiae (1), Distylium buxifolium (3), Corylopsis platypetala (1), Distylium racemosum (4), Corylopsis glaucescens (1), Daphniphyllum chartaceum (1), Corylopsis microcarpa
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		(1), <i>Corylopsis velutina</i> (1), <i>Plocama crocyllis</i> (3), <i>Plocama tinctoria</i> (1), <i>Distylium lepidotum</i> (3), <i>Distylium elaeagnoides</i> (1), <i>Distylium cuspidatum</i> (1), <i>Distylium gracile</i> (1), <i>Balbisia meyeniana</i> (1), <i>Balbisia peduncularis</i> (1), <i>Symplococarpon purpusii</i> (1), <i>Symplococarpon hintonii</i> (1), <i>Hamamelis mexicana</i> (1), <i>Dicoryphe stipulacea</i> (2), <i>Gaillonia crocyllis</i> (1), <i>Melianthus gariepinus</i> (1), <i>Hamamelis gariepinus</i> (1), <i>Shaniodendron subaequale</i> (1), <i>Neostrearia fleckeri</i> (1), <i>Molinadendron guatemalense</i> (1), <i>Fothergilla major</i> (1),
4 ; 2	73 Family: Rubiaceae (<i>n</i> = 63), Hamamelidaceae (<i>n</i> = 3), Geraniaceae (<i>n</i> = 3), Sabiaceae (<i>n</i> = 2), Dilleniaceae (<i>n</i> = 1).	<i>Coptosapelta flavescens</i> (3), <i>Plocama pendula</i> (12), <i>Hedyotis ovata</i> (2), <i>Neostrearia fleckeri</i> (1), <i>Dillenia excelsa</i> (1), <i>Sericanthe andongensis</i> (5), <i>Houstonia palmeri</i> (2), <i>Houstonia acerosa</i> (1), <i>Hekistocarpa minutiflora</i> (4), <i>Timonius mollis</i> (1), <i>Timonius korrensis</i> (1), <i>Timonius salsedoi</i> (1), <i>Timonius subauritus</i> (1), <i>Hedyotis puberulifolia</i> (1), <i>Hedyotis nankunshanensis</i> (1), <i>Petitiocodon parviflorum</i> (3), <i>Hedyotis</i> sp. (8), <i>Hedyotis matthewii</i> (1), <i>Hedyotis nanlingensis</i> (1), <i>Hedyotis longiexserta</i> (1), <i>Hedyotis prostrata</i> (1), <i>Hedyotis interrupta</i> (1), <i>Hedyotis exserta</i> (1), <i>Hedyotis baotingensis</i> (1), <i>Tocoyena arenicola</i> (1), <i>Hedyotis hainanensis</i> (1), <i>Neanotis wightiana</i> (1), <i>Neanotis kwangtungensis</i> (1), <i>Hedyotis yunnanensis</i> (1), <i>Hedyotis yangchunensis</i> (2), <i>Hedyotis xanthochroa</i> (2), <i>Hedyotis wuzhishanensis</i> (2), <i>Hedyotis uncinella</i> (7), <i>Oldenlandia tenuipes</i> (1), <i>Hedyotis shiuyingiae</i> (4), <i>Hedyotis shenzhenensis</i> (1), <i>Hedyotis pulcherrima</i> (1), <i>Hedyotis platystipula</i> (1), <i>Hedyotis paridifolia</i> (1), <i>Hedyotis macrostegia</i> (2), <i>Hedyotis longipetala</i> (1), <i>Hedyotis effusa</i> (1), <i>Hedyotis cryptantha</i> (1), <i>Oldenlandia consanguinea</i> (1), <i>Hedyotis communis</i> (1), <i>Hedyotis caudatifolia</i> (2), <i>Hedyotis cantoniensis</i> (2), <i>Oldenlandia bodinieri</i> (3), <i>Oldenlandia assimilis</i> (1), <i>Hedyotis acutangular</i> (2), <i>Hedyotis vachellii</i> (4), <i>Hedyotis loganioides</i> (2), <i>Hedyotis consanguinea</i> isolate (9), <i>Hedyotis bodinieri</i> (4), <i>Hedyotis bracteosa</i> (2), <i>Hedyotis assimilis</i> (2), <i>Sericanthe odoratissima</i> (2), <i>Psilanthus lebrunianus</i> (1), <i>Rhodoleia championii</i> (1), <i>Ixora peruviana</i> (1), <i>Meliosma veitchiorum</i> (1), <i>Valantia hispida</i> (1), <i>Coptosapelta tomentosa</i> (2), <i>Coptosapelta diffusa</i> (2), <i>Coptosapelta montana</i> (1), <i>Paederia pospischilii</i> (1), <i>Meliosma cuneifolia</i> (1), <i>Pelargonium vinaceum</i> (1), <i>Pelargonium petroselinifolium</i> (1), <i>Pelargonium moniliforme</i> (1), <i>Sinoadina racemosa</i> (1), <i>Matudaea trinervia</i> (1),
3 ; 3	63 Family: Solanaceae (<i>n</i> = 31), Rubiaceae (<i>n</i> = 26), Daphniphyllaceae (<i>n</i> =	<i>Lysimachia maritima</i> (1), <i>Plocama botschantzevii</i> (2), <i>Physalis minima</i> (1), <i>Physalis pubescens</i> (3), <i>Physalis angulata</i> (3), <i>Physalis chenopodifolia</i> (1), <i>Withania adpressa</i> (1), <i>Physalis walteri</i> (1), <i>Physalis viscosa</i> (2), <i>Physalis virginiana</i> (1), <i>Physalis victoriana</i> (1), <i>Physalis purpurea</i> (1), <i>Physalis pumila</i> (1), <i>Physalis pruinosa</i> (2), <i>Physalis patula</i> (1), <i>Physalis orizabae</i> (1), <i>Physalis mollis</i> (1), <i>Physalis longifolia</i> (2),

	2), Primulaceae ($n = 2$), Hamamelidaceae ($n = 1$), Olacaceae ($n = 1$),	Physalis lagascae (1), Physalis ixocarpa (2), Physalis fendleri (1), Physalis x elliotii (1), Physalis cordata (2), Physalis cinerascens (3), Physalis chenopodiifolia (1), Physalis angustifolia (1), Ardisia palmana (1), Physalis peruviana (4), Aptandra tubicina (1), Physalis ampla (1), Daphniphyllum dichotomum (1), Daphniphyllum borneense (1), Physalis ixocarpa (1), Wendlandia glabrata (1), Physalis philadelphica (4), Oldenlandia boscii (2), Ixora sp. (1), Plocama calycoptera (2), Plocama puberula (2), Plocama olivieri (1), Plocama eriantha (2), Plocama crucianelloides (1), Plocama bruguieri (4), Plocama afghanica (6), Plocama somaliensis (1), Plocama hymenostephana (1), Plocama aucheri (2), Plocama macrantha (2), Plocama dubia (1), Plocama thymoides (1), Distylium lepidotum (1), Oldenlandia affinis (1), Wendlandia paniculata (1), Macrocnemum roseum (1), Sabicea villosa (1), Physalis heterophylla (1), Margaranthus solanaceus (1), Pseudogaillonia hymenostephana (1), Gaillonia olivieri (1), Gaillonia eriantha (1), Choulettia reboudiana (1), Aitchisonia rosea (1), Jaubertia aucheri (1).
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Primer-BLAST results for bell marker with multiple isolates removed.

>[KP737419.1](#) Erica cinerea tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 373 397

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 473 450

>[PV443244.1](#) Erica mannii subsp. usambarensis voucher Bytebier, B. s.n. (NBG) tRNA-Leu (trnL) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 368 392

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 468G.. 445

>[KY110838.1](#) *Erica viscaria* subsp. *longifolia* voucher NBG:Hitchcock A 91 /04 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer and tRNA-Phe gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; plastid

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 367 391

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 467G.. 444

>[KY110832.1](#) *Erica stokoei* voucher NBG:62/83 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe gene, and trnF-ndhJ intergenic spacer, complete sequence; and NADH-plastoquinone oxidoreductase subunit J (ndhJ) gene, partial cds; plastid

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 471G.. 448

>[KY110831.1](#) *Erica phaeocarpa* voucher NBG:SANBI 543 /87 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe gene, partial sequence; plastid

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 373 397

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 473G.. 450

>[KY110828.1](#) *Erica parilis* voucher NBG:Hitchcock A 97 /04 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe gene, partial sequence; plastid

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 471G.. 448

>[KY110827.1](#) *Erica nevillei* voucher NBG:Hitchcock A 86 /04 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe gene, and trnF-ndhJ intergenic spacer, complete sequence; and NADH-plastoquinone oxidoreductase subunit J (ndhJ) gene, partial cds; plastid

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 471G.. 448

>[KY110823.1](#) *Erica situshiemalis* voucher NBG:Oliver EGH s.n. tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer and tRNA-Phe gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; plastid

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 471G.. 448

>[OP172987.1](#) Erica walkeria voucher ? 140 (NBG) tRNA-Leu (trnL) gene, trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and ndhJ gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 471G.. 448

>[OP172983.1](#) Erica venustiflora subsp. glandulosa voucher Pirie, M.D. 1284 (NBG) tRNA-Leu (trnL) gene, complete sequence; trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, partial sequence; trnF-ndhJ intergenic spacer, complete sequence; and ndhJ gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 365 389

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 465G.. 442

>[OP172979.1](#) Erica sonderiana voucher Pirie, M.D. 997 (BG) tRNA-Leu (trnL) gene, complete sequence; and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 368 392

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 468G.. 445

>[OP172969.1](#) Erica placentiflora voucher Pirie, M.D. 1241 (NBG) tRNA-Leu (trnL) gene, trnL-trnF intergenic spacer, and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 336 360

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 436G.. 413

>[OP172966.1](#) Erica penicilliiformis voucher Pirie, M.D. 1078 (NBG) tRNA-Leu (trnL) gene, complete sequence; and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 368 392

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 468G.. 445

>[OP172965.1](#) Erica paludicola voucher Hitchcock, A. 2680 (NBG) tRNA-Leu (trnL) gene, trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and ndhJ gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 471G.. 448

>[OP172957.1](#) Erica lowryensis voucher Hitchcock, A. 482 /03 (NBG) tRNA-Leu (trnL) gene, trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and ndhJ gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 471G.. 448

>[OP172955.1](#) Erica lasciva voucher Oliver, E.G.H. 12837 (NBG) tRNA-Leu (trnL) gene, complete sequence; and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 370 394

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 470G.. 447

>[OP172944.1](#) Erica imbricata voucher Pirie, M.D. 512 (NBG) tRNA-Leu (trnL) gene, trnL-trnF intergenic spacer, and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 370 394

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 470G.. 447

>[OP172925.1](#) *Erica dracomontana* voucher Oliver, E.G.H. 12130 (NBG) tRNA-Leu (trnL) gene, trnL-trnF intergenic spacer, and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 368 392

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 468G.. 445

>[OP172918.1](#) *Erica coccinea* subsp. *coccinea* voucher Pirie, M.D. 1053 (BG,NBG) tRNA-Leu (trnL) gene, complete sequence; and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 362 386

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 462G.. 439

>[KU863010.1](#) *Erica cerinthoides* subsp. *cerinthoides* tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 370 394

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 470G.. 447

>[KU833123.1](#) Erica woodii isolate woodii_DB1444a tRNA-Leu (trnL) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        366      .....  390
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        466      .....G..  443
```

>[KU833113.1](#) Erica villosa isolate villosa_EO11394 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        365      .....  389
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        465      .....G..  442
```

>[KU833112.1](#) Erica vestita isolate vestita_EO12702 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        370      .....  394
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        470      .....G..  447
```

>[KU833110.1](#) Erica verticillata isolate verticillata_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU833105.1](#) Erica verecunda isolate verecunda_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU833102.1](#) Erica velatiflora isolate velatiflora_EO12547 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        357      .....  381
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        457      .....G..  434
```

>[KU833100.1](#) Erica vallis-araneorum isolate vallis_araneorum_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU833099.1](#) Erica uysii isolate uysii_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU833095.1](#) Erica urceolata isolate urceolata_MP955 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        344      .....  368
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        444      .....G..  421
```

>[KU833088.1](#) Erica sp. 'David Small' isolate umbellata_DS tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        351    .....  375
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        451    .....G..  428
```

>[KU833086.1](#) Erica tysonii isolate tysonii_EO12583 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        357    .....  381
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        457    .....G..  434
```

>[KU833083.1](#) Erica tristis isolate tristis_MP932 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        366    .....  390
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        466    .....G..  443
```

>[KU833074.1](#) Erica toringbergensis isolate toringbergensis_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU833070.1](#) Erica thunbergii isolate thunbergii_AH2612a tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU833063.1](#) Erica tenuis isolate tenuis_EO12491 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        360      .....  384
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        460      .....G..  437
```

>[KU833055.1](#) Erica stylaris isolate stylaris_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        370    .....  394
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        470    .....G..  447
```

>[KU833054.1](#) Erica strigosa isolate strigosa_MP673 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        356    .....  380
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        456    .....G..  433
```

>[KU833052.1](#) Erica strigilifolia isolate strigilifolia_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        376    .....  400
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        476    .....G..  453
```

>[KU833041.1](#) Erica sparsa isolate sparsa_BG602 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU833039.1](#) Erica sparrmannii isolate sparrmannii_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        370      .....  394
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        470      .....G..  447
```

>[KU833027.1](#) Erica simulans isolate simulans_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU833021.1](#) Erica silvatica isolate silvatica_A2 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        372      .....  396
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        472      .....G..  449
```

>[KU833017.1](#) Erica serrata isolate serrata_MP818 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        351      .....  375
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        451      .....G..  428
```

>[KU833006.1](#) Erica rivularis isolate rivularis_BB13936 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        369      .....  393
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        469      .....G..  446
```

>[KU833004.1](#) Erica rigidula isolate rigidula_MP534 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        364      .....  388
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        464      .....G..  441
```

>[KU833003.1](#) Erica rhopalantha isolate rhopalantha_MP909 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU833001.1](#) Erica revoluta isolate revoluta_BT13679 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        368      .....  392
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        468      .....G..  445
```

>[KU832999.1](#) Erica retorta isolate retorta_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU832996.1](#) Erica regia subsp. regia isolate regia_reg_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        372      .....  396
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        472      .....G..  449
```

>[KU832990.1](#) Erica recta isolate recta_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU832985.1](#) Erica pyxidiflora isolate pyxidiflora_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU832984.1](#) Erica pycnantha isolate pycnantha_MP1011 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU832979.1](#) Erica psittacina isolate psittacina_IJ1237 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU832973.1](#) Erica pogonanthera isolate pogonanthera_EO12835 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        370    .....  394
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        470    .....G..  447
```

>[KU832961.1](#) Erica physophylla isolate physophylla_EO11418 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371    .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471    .....G..  448
```

>[KU832951.1](#) Erica petricola isolate petricola_MP996 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        370    .....  394
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        470    .....G..  447
```

>[KU832946.1](#) Erica perlata isolate perlata_MP960 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU832942.1](#) Erica pectinifolia isolate pectinifolia_BG601 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        360      .....  384
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        460      .....G..  437
```

>[KU832938.1](#) Erica patersonii isolate patersonii_a_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        372      .....  396
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        472      .....G..  449
```

>[KU832935.1](#) Erica parviporandra isolate parviporandra_MP877 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        366      .....  390

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        466      .....G..  443
```

>[KU832928.1](#) Erica pageana isolate pageana_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU832922.1](#) Erica oreotragus isolate oreotragus_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        372      .....  396

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        472      .....G..  449
```

>[KU832915.1](#) Erica oblongiflora isolate oblongiflora_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU832905.1](#) Erica nana isolate nana_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU832904.1](#) Erica nabea isolate nabea_BG609 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU832903.1](#) Erica myriadenia isolate myriadenia_E012679 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        366      .....  390
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        466      .....G..  443
```

>[KU832901.1](#) Erica multumbellifera isolate multumbellifera_MP822 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU832898.1](#) Erica monsoniana isolate monsoniana_MP986 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        372      .....  396
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        472      .....G..  449
```

>[KU832896.1](#) Erica monadelphia isolate monadelphia_FO tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        356      .....  380
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        456      .....G..  433
```

>[KU832894.1](#) Erica modesta isolate modesta_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU832891.1](#) Erica melastoma subsp. minor isolate melastoma_min_EO12820 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        365      .....  389
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        465      .....G..  442
```

>[KU832882.1](#) Erica margaritacea isolate margaritacea_ANAa tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	385		409
Reverse primer	1	CAATAAATTTTCATTGTTGTCGTCA	24
Template	485	G..	462

>[KU832878.1](#) Erica malmesburiensis isolate malmesburiensis_E012575 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	384		408
Reverse primer	1	CAATAAATTTTCATTGTTGTCGTCA	24
Template	484	G..	461

>[KU832875.1](#) Erica madida isolate madida_MP573 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	348		372
Reverse primer	1	CAATAAATTTTCATTGTTGTCGTCA	24
Template	448	G..	425

>[KU832865.1](#) Erica leucotrachela subsp. leucotrachela isolate leucotrachela_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU832863.1](#) Erica leucopelta isolate leucopelta_SB9309 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU832858.1](#) Erica leptopus isolate leptopus_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU832847.1](#) *Erica lambertii* isolate *lambertii*_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        386      .....  410

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        486      .....G..  463
```

>[KU832845.1](#) *Erica lachnaeifolia* isolate *lachnaeifolia*_MP994 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU832841.1](#) *Erica kingaensis* subsp. *rugegensis* isolate *kingaensis_rug_BB2981* tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        360      .....  384

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        460      .....G..  437
```

>[KU832840.1](#) *Erica karwyderi* isolate karwyderi_EO12718 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	365		389

Reverse primer	1	CAATAAATTTTCATTGTTGTCGTCA	24
Template	465	G..	442

>[KU832838.1](#) *Erica junonia* subsp. minor isolate junonia_min_MP866 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial sequence; chloroplast

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	365		389

Reverse primer	1	CAATAAATTTTCATTGTTGTCGTCA	24
Template	465	G..	442

>[KU832834.1](#) *Erica jasminiflora* isolate jasminiflora_EO12612 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	371		395

Reverse primer	1	CAATAAATTTTCATTGTTGTCGTCA	24
Template	471	G..	448

>[KU832827.1](#) *Erica ingeana* isolate *ingeana_EO12759* tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU832824.1](#) *Erica infundibuliformis* isolate *infundibuliformis_ANA* tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        370      .....  394
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        470      .....G..  447
```

>[KU832822.1](#) *Erica inflata* isolate *inflata_ANA* tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU832821.1](#) *Erica incarnata* isolate *incarnata_EO12771* tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 363 387

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 463G.. 440

>[KU832817.1](#) *Erica humifusa* isolate *humifusa_MP616* tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 362 386

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 462G.. 439

>[KU832811.1](#) *Erica holosericea* isolate *holosericea_EO12842* tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 387 411

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 487G.. 464

>[KU832806.1](#) *Erica hibbertii* isolate *hibbertii_MP982* tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        360    .....  384
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        460    .....G..  437
```

>[KU832803.1](#) *Erica hendricksei* isolate *hendricksei_EO12524* tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        346    .....  370
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        446    .....G..  423
```

>[KU832800.1](#) *Erica heleogena* isolate *heleogena_MP1064* tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371    .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471    .....G..  448
```

>[KU832786.1](#) *Erica goudotiana* isolate *goudotiana_cf_E012659* tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU832778.1](#) *Erica glomiflora* isolate *glomiflora_E012548* tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        372      .....  396
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        472      .....G..  449
```

>[KU832767.1](#) *Erica gibbosa* isolate *gibbosa_ANA_b* tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU832764.1](#) Erica georgica isolate georgica_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU832763.1](#) Erica garciae isolate garciae_MP1253 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        471      .....G..  448
```

>[KU832761.1](#) Erica frigida isolate frigida_MP658 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        371      .....  395

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
```

Template 471G.. 448

>[KU832755.1](#) Erica filipendula subsp. parva isolate
fillipendula_min_MP926 tRNA-Leu (trnL) gene, partial sequence; trnL-
trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence;
and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 374 398

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 474G.. 451

>[KU832750.1](#) Erica fausta isolate fausta_MP663 tRNA-Leu (trnL) gene,
partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene,
and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ)
gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 471G.. 448

>[KU832746.1](#) Erica fairii isolate fairii_ANA tRNA-Leu (trnL) gene,
partial sequence; trnL-trnF intergenic spacer, complete sequence;
and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 471G.. 448

>[KU832740.1](#) Erica esteriana isolate esteriana_E012545 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 471G.. 448

>[KU832739.1](#) Erica esterhuyseniae isolate esterhuyseniae_E011831 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 372 396

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 472G.. 449

>[KU832733.1](#) Erica equisetifolia isolate equisetifolia_MP829 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 366 390

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 466G.. 443

>[KU832727.1](#) Erica duthieae isolate duthieae_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 471G.. 448

>[KU832725.1](#) Erica drakensbergensis isolate drakensbergensis_DB1443 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 340 364

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 440G.. 417

>[KU832709.1](#) Erica densifolia isolate densifolia_BG591 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 285 309

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 385G.. 362

>[KU832703.1](#) Erica cyathiformis isolate cyathiformis_d_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 471G.. 448

>[KU832698.1](#) Erica curviflora var. curviflora isolate curviflora_MP765 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 471G.. 448

>[KU832692.1](#) Erica cristata isolate cristata_MP820 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 374 398

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 474G.. 451

>[KU832690.1](#) Erica corifolia isolate corifolia_MP823 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 356 380

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 456G.. 433

>[KU832682.1](#) Erica condensata isolate condensata_MP890 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 372 396

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 472G.. 449

>[KU832678.1](#) Erica coarctata isolate coarctata_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 215 239

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 315G.. 292

>[KU832675.1](#) Erica clavisepala isolate clavisepala_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 471G.. 448

>[KU832674.1](#) Erica chrysocodon isolate chrysocodon_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 471G.. 448

>[KU832671.1](#) Erica chionodes isolate chionodes_E011699 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 471G.. 448

>[KU832668.1](#) Erica cetrata isolate cetrata_EO12064 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 340 364

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 440G.. 417

>[KU832661.1](#) Erica capitata isolate capitata_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 471G.. 448

>[KU832658.1](#) Erica canescens isolate canescens_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 471G.. 448

>[KU832656.1](#) Erica cameronii isolate cameronii_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 370 394

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 470G.. 447

>[KU832652.1](#) Erica caffrorum isolate caffrorum_MP644 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 356 380

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 456G.. 433

>[KU832651.1](#) Erica caffra isolate caffra_C_MP528 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 288 312

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 388G.. 365

>[KU832649.1](#) Erica caespitosa isolate caespitosa_MP642 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 471G.. 448

>[KU832648.1](#) Erica bruniifolia isolate bruniifolia_EO12460 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 372 396

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 472G.. 449

>[KU832640.1](#) Erica bolusiae isolate bolusiae_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 471G.. 448

>[KU832636.1](#) Erica blenna isolate blenna_MP883 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 366 390

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 466G.. 443

>[KU832633.1](#) Erica bicolor isolate bicolor_MP1098 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 471G.. 448

>[KU832627.1](#) Erica benguelensis subsp. benguelensis isolate benguelensis_ben_A1 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 364 388

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 464G.. 441

>[KU832626.1](#) Erica baueri subsp. baueri isolate baueri_bau_MP1233
tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer
and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ
intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 374 398

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 474G.. 451

>[KU832622.1](#) Erica banksii subsp. comptonii isolate banksii_com_MP824
tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer
and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ
intergenic spacer, partial sequence; chloroplast

product length = 109

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 368 392

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 476G.. 453

>[KU832618.1](#) Erica axillaris isolate axillaris_MP594 tRNA-Leu (trnL)
gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF)
gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ
(ndhJ) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 358 382

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 458G.. 435

>[KU832613.1](#) Erica atherstonei isolate atherstonei_EO12261 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 367 391

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 467G.. 444

>[KU832601.1](#) Erica annectens isolate annectens_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 471G.. 448

>[KU832588.1](#) Erica albertyniae isolate albertyniae_MP927 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 374 398

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 474G.. 451

>[KU832586.1](#) Erica albens isolate albens_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 471G.. 448

>[KU832577.1](#) Erica abietina subsp. abietina isolate abietina_abi_MP1013 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 373 397

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 473G.. 450

>[KP737494.1](#) Erica x stuartii tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 370 394

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 470G.. 447

>[KP737493.1](#) Erica vagans tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 340 364

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 440G.. 417

>[KP737489.1](#) Erica umbellata tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 330 354

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 430G.. 407

>[KP737487.1](#) Erica trimera subsp. abyssinica tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe gene, and trnF-ndhJ intergenic spacer, complete sequence; and ndhJ gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 360 384

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 460G.. 437

>[KP737486.1](#) Erica tetralix tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 369 393

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 469G.. 446

>[KP737480.1](#) Erica terminalis tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 339 363

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 439G.. 416

>[KP737474.1](#) Erica sicula subsp. sicula tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 334 358

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 434G.. 411

>[KP737462.1](#) Erica scoparia tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 339 363

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 439G.. 416

>[KP737457.1](#) Erica platycodon subsp. platycodon tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 341 365

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 441G.. 418

>[KP737453.1](#) Erica oatesii tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 372 396

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 472G.. 449

>[KP737451.1](#) Erica multiflora tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 340 364

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 440G.. 417

>[KP737447.1](#) *Erica manipuliflora* tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 380 404

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 480G.. 457

>[KP737439.1](#) *Erica mackaiana* tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 371 395

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 471G.. 448

>[KP737432.1](#) *Erica lusitanica* tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 371 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 471G.. 448

>[KP737428.1](#) Erica halicacaba tRNA-Leu (trnL) gene, partial sequence;
trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe gene,
partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 370 394

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 470G.. 447

>[KP737414.1](#) Erica ciliaris tRNA-Leu (trnL) gene and trnL-trnF
intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 339 363

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 439G.. 416

>[KP737407.1](#) Erica carnea tRNA-Leu (trnL) gene, partial sequence;
trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe gene,
partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 372 396

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 472G.. 449

>[KP737404.1](#) *Erica bojeri* tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe gene, and trnF-ndhJ intergenic spacer, complete sequence; and ndhJ gene, partial sequence; chloroplast

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	366		390

Reverse primer	1	CAATAAATTTTCATTGTTGTCGTCA	24
Template	466	G..	443

>[KP737403.1](#) *Erica azorica* tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe gene, partial sequence; chloroplast

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	371		395

Reverse primer	1	CAATAAATTTTCATTGTTGTCGTCA	24
Template	471	G..	448

>[KP737397.1](#) *Erica arborea* tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe gene, partial sequence; chloroplast

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	371		395

Reverse primer	1	CAATAAATTTTCATTGTTGTCGTCA	24
Template	471	G..	448

>[KP737383.1](#) *Erica andevalensis* tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        362      .....  386
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        462      .....G..  439
```

>[KF160959.1](#) *Erica scytophylla* voucher NBG:Pirie,M.D. 1021 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        215      .....  239
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        315      .....G..  292
```

>[KF160953.1](#) *Erica plukenetii* subsp. *plukenetii* voucher Niet,T. van der 1034 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        215      .....  239
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        315      .....G..  292
```

>[OP172952.1](#) *Erica kingaensis* subsp. *kingaensis* voucher Bytebier, B. 2521 (NBG) tRNA-Leu (trnL) gene, trnL-trnF intergenic spacer, and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        326      .....  350

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        426      .....W.....G..  403
```

>[KU833121.1](#) *Erica whyteana* isolate whyteana_A4 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and NdhJ (ndhJ) gene, partial cds; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        370      .....  394

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        470      .....C.....G..  447
```

>[OP172978.1](#) *Erica sagittata* voucher Oliver, E.G.H. 12737 (NBG) tRNA-Leu (trnL) gene, trnL-trnF intergenic spacer, tRNA-Phe (trnF) gene, and trnF-ndhJ intergenic spacer, complete sequence; and ndhJ gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        368      .....R.....  392

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        468      .....G..  445
```

>[KP737441.1](#) *Erica maderensis* tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 344 T.G..... 368

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 444 421

>[OZ243130.1](#) *Erica ciliaris* genome assembly, chromosome: 3

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 9193227T..... 9193203

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 9193127G.. 9193150

>[KU833096.1](#) *Erica urna-viridis* isolate urna_viridis_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 371C..... 395

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 471G.. 448

>[KU832959.1](#) *Erica physodes* isolate physodes_ANA tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        372    .....C.....  396

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        472    .....G..  449
```

>[KP737427.1](#) *Erica erigena* tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        372    .....G.....  396

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        472    .....G..  449
```

>[KP737400.1](#) *Erica australis* tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        373    .....A.....  397

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        473    .....G..  450
```

>[KP737391.1](#) *Erica arborea* tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
```

Template 369G..... 393

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 469G.. 446

>[OP172913.1](#) Erica cafferorum voucher Bellstedt, D.U. 1445 (NBG) tRNA-Leu (trnL) gene, trnL-trnF intergenic spacer, and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 254S..... 278

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 354 .M.....G.. 331

>[KU832902.1](#) Erica muscosa isolate muscosa_MP775 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; and trnF-ndhJ intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 306G..... 330

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 406T.....G.. 383

>[AF200928.1](#) Cercidiphyllum japonicum trnL gene, intron sequence; chloroplast gene for chloroplast product

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 401A....GA..... 425

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 501G.. 478

>[KU832585.1](#) Erica agglutinans isolate agglutinans_EO7679 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 368AT..... 392

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 468K....G.. 445

>[OZ243338.1](#) Lysimachia thyrsiflora genome assembly, chromosome: 4

product length = 104

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 23789549A.....A..... 23789573

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 23789652 .T.....A....T.... 23789629

>[AB237112.1](#) Loropetalum chinense chloroplast trnL gene, intron, partial sequence, clone:140

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 115G....GA..... 91

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 15 .T.....G.. 38

>[AB237111.1](#) *Corylopsis pauciflora* chloroplast trnL gene, intron, partial sequence, clone:139

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 115A....GA..... 91

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 15 .T.....A.. 38

>[AB237107.1](#) *Corylopsis stenopetala* chloroplast trnL gene, intron, partial sequence, clone:135

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 115A....GA..... 91

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 15 .T.....A.. 38

>[AB237106.1](#) *Corylopsis yunnanensis* chloroplast trnL gene, intron, partial sequence, clone:134

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 115A....GA..... 91

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 15 .T.....A.. 38

>[AB237105.1](#) *Corylopsis glabrescens* chloroplast trnL gene, intron, partial sequence, clone:133

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 115A....GA..... 91

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 15 .T.....A.. 38

>[AB237102.1](#) Corylopsis sinensis chloroplast trnL gene, intron,
partial sequence, clone:130

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 115A....GA..... 91

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 15 .T.....A.. 38

>[MN496080.1](#) Sycopsis sinensis chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 50530A....GA..... 50554

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 50630 .T.....G.. 50607

>[MN496061.1](#) Fortunearia sinensis chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 50728A....GA..... 50752

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 50828 .T.....G.. 50805

>[MN496060.1](#) *Daphniphyllum macropodum* chloroplast, complete genome

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	50746	A....GA.....	50770

Reverse primer	1	CAATAAATTCATTGTTGTCGTCA	24
Template	50846	.T.....G..	50823

>[MN496059.1](#) *Cercidiphyllum japonicum* chloroplast, complete genome

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	51438	A....GA.....	51462

Reverse primer	1	CAATAAATTCATTGTTGTCGTCA	24
Template	51538	.T.....G..	51515

>[NC_048997.1](#) *Mytilaria laosensis* chloroplast, complete genome

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	52206	A....GA.....	52230

Reverse primer	1	CAATAAATTCATTGTTGTCGTCA	24
Template	52306	.T.....G..	52283

>[MT153855.1](#) *Albertisia porcata* voucher McPherson 16678 (MO) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        377    .....A....GA.....  401

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        477    .T.....G..  454
```

>[NC_046692.1](#) *Cercidiphyllum magnificum* chloroplast, complete genome

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        51438   .....A....GA.....  51462

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        51538   .T.....G..  51515
```

>[MK411769.1](#) *Disanthus cercidifolius* subsp. *longipes* chloroplast, complete genome

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        50257   .....A....GA.....  50281

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        50357   .T.....G..  50334
```

>[MG846211.1](#) *Rhodoleia parvipetala* voucher Chen & Feng 97046 (PE) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        382    .....A....GA.....  406
```

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 482 .T.....G.. 459

>[MG846209.1](#) *Distylium buxifolium* voucher Hong et al. H276 (PE) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 392A....GA..... 416

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 492 .T.....G.. 469

>[MG846208.1](#) *Distyliopsis dunnii* voucher Chung SW 795 (PE) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 392A....GA..... 416

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 492 .T.....G.. 469

>[MG846206.1](#) *Corylopsis multiflora* voucher Feng YX 97075 (PE) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 379A....GA..... 403

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24
Template 479 .T.....A.. 456

>[MG846205.1](#) *Corylopsis glandulifera* voucher Xu KX 4020802113 (PE)
tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer,
complete sequence; and tRNA-Phe (trnF) gene, partial sequence;
chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 385A....GA..... 409

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24
Template 485 .T.....A.. 462

>[MK942341.1](#) *Corylopsis spicata* chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 50531A....GA..... 50555

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24
Template 50631 .T.....A.. 50608

>[MN711651.1](#) *Distylium tsiangii* chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 50729A....GA..... 50753

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24
Template 50829 .T.....G.. 50806

>[MN729500.1](#) *Distylium macrophyllum* chloroplast, complete genome

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	50628	A....GA.....	50652
Reverse primer	1	CAATAAATTCATTGTTGTCGTCA	24
Template	50728	.T.....G..	50705

>[NC_045276.1](#) *Rhodoleia championii* chloroplast, complete genome

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	50822	A....GA.....	50846
Reverse primer	1	CAATAAATTCATTGTTGTCGTCA	24
Template	50922	.T.....G..	50899

>[PV132487.1](#) *Exbucklandia tonkinensis* chloroplast, complete genome

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	51537	A....GA.....	51561
Reverse primer	1	CAATAAATTCATTGTTGTCGTCA	24
Template	51637	.T.....G..	51614

>[PV132476.1](#) *Exbucklandia populnea* chloroplast, complete genome

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	51680	A....GA.....	51704

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24
Template 51780 .T.....G.. 51757

>[PV132462.1](#) Exbucklandia longipetala chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 51644A....GA..... 51668

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24
Template 51744 .T.....G.. 51721

>[PV132459.1](#) Exbucklandia sp. SC-2025a chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 51649A....GA..... 51673

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24
Template 51749 .T.....G.. 51726

>[ON729387.1](#) Daphniphyllum calycinum chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 50769A....GA..... 50793

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24
Template 50869 .T.....G.. 50846

>[ON729385.1](#) Daphniphyllum oldhamii chloroplast, complete genome

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	50547	A....GA.....	50571

Reverse primer	1	CAATAAATTCATTGTTGTCGTCA	24
Template	50647	.T.....G..	50624

>[ON729374.1](#) *Distyliopsis tutcheri* chloroplast, complete genome

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	50660	A....GA.....	50684

Reverse primer	1	CAATAAATTCATTGTTGTCGTCA	24
Template	50760	.T.....G..	50737

>[ON729372.1](#) *Distylium myricoides* chloroplast, complete genome

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	50630	A....GA.....	50654

Reverse primer	1	CAATAAATTCATTGTTGTCGTCA	24
Template	50730	.T.....G..	50707

>[ON729371.1](#) *Distylium chinense* chloroplast, complete genome

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	50634	A....GA.....	50658

Reverse primer	1	CAATAAATTCATTGTTGTCGTCA	24
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Template 50734 .T.....G.. 50711

>[ON729370.1](#) *Parrotia persica* chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 50648A....GA..... 50672

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 50748 .T.....G.. 50725

>[ON729369.1](#) *Parrotia subaequalis* chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 50721A....GA..... 50745

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 50821 .T.....G.. 50798

>[ON729367.1](#) *Fothergilla gardenii* chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 50984A....GA..... 51008

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 51084 .T.....G.. 51061

>[ON729366.1](#) *Hamamelis x intermedia* cultivar *Feuerzauber* chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 51032A....GA..... 51056

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 51132 .T.....G.. 51109

>[ON729363.1](#) Noahdendron nicholasii chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 50010A....GA..... 50034

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 50110 .T.....G.. 50087

>[ON729362.1](#) Ostrearia australiana chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 50373A....GA..... 50397

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 50473 .T.....G.. 50450

>[ON729359.1](#) Molinadendron sinaloense chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 50768A....GA..... 50792

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 50868 .T.....G.. 50845

>[ON729358.1](#) *Sinowilsonia henryi* chloroplast, complete genome

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        50554  .....A....GA.....  50578

Reverse primer  1      CAATAAATTCATTGTTGTCGTCA  24
Template        50654  .T.....G..  50631
```

>[ON729357.1](#) *Eustigma oblongifolium* chloroplast, complete genome

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        50780  .....A....GA.....  50804

Reverse primer  1      CAATAAATTCATTGTTGTCGTCA  24
Template        50880  .T.....G..  50857
```

>[ON729348.1](#) *Maingaya malayana* chloroplast, complete genome

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        50869  .....A....GA.....  50893

Reverse primer  1      CAATAAATTCATTGTTGTCGTCA  24
Template        50969  .T.....G..  50946
```

>[ON729347.1](#) *Matudaea trinervia* chloroplast, complete genome

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
```

Template 50866A....GA..... 50890

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 50966 .T.....G.. 50943

>[ON729345.1](#) Chunia bucklandioides chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 51545A....GA..... 51569

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 51645 .T.....G.. 51622

>[ON729341.1](#) Rhodoleia henryi chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 50818A....GA..... 50842

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 50918 .T.....G.. 50895

>[NC_040141.1](#) Corylopsis coreana chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 50500A....GA..... 50524

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 50600 .T.....A.. 50577

>[PQ473153.1](#) *Diospyros montana* voucher KUAB812 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 386A....GA..... 410

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 486 .T.....T. 463

>[NC 037881.1](#) *Hamamelis mollis* chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 50991A....GA..... 51015

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 51091 .T.....G.. 51068

>[PP625971.1](#) *Sycopsis triplinervia* chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 50855A....GA..... 50879

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 50955 .T.....G.. 50932

>[MT767025.1](#) *Daphniphyllum laurinum* isolate Sing_Dap137 tRNA-Leu (trnL) gene, intron; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 376A....GA..... 400

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 476 .T.....G.. 453

>[MT767015.1](#) Daphniphyllum dichotomum isolate Sabah_Mt_Kina_Dap116
tRNA-Leu (trnL) gene, intron; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 375A....GA..... 399

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 475 .T.....G.. 452

>[MT767012.1](#) Daphniphyllum buehneriifolium isolate Mt_Pulog_Dap100
tRNA-Leu (trnL) gene, intron; chloroplast

product length = 102

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 366A....GA..... 390

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 467 .T.....G.. 444

>[MT767009.1](#) Daphniphyllum borneense isolate Sabah_Mt_Kina_Dap122F
tRNA-Leu (trnL) gene, intron; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 368A....GA..... 392

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 468 .T.....G.. 445

>[NC_086901.1](#) *Corylopsis gotoana* voucher Coryj4 chloroplast, complete genome

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        50945  .....A....GA.....  50969
```

```
Reverse primer  1      CAATAAATTCATTGTTGTCGTCA  24
Template        51045  .T.....A..  51022
```

>[NC_084417.1](#) *Hamamelis japonica* chloroplast, complete genome

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        51009  .....A....GA.....  51033
```

```
Reverse primer  1      CAATAAATTCATTGTTGTCGTCA  24
Template        51109  .T.....G..  51086
```

>[NC_084415.1](#) *Corylopsis veitchiana* chloroplast, complete genome

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        50935  .....A....GA.....  50959
```

```
Reverse primer  1      CAATAAATTCATTGTTGTCGTCA  24
Template        51035  .T.....A..  51012
```

>[OP581011.1](#) *Meliosma myriantha* var. *discolor* chloroplast, partial genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 52221A....GA..... 52245

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 52321 .T.....G.. 52298

>[OP580986.1](#) Eustigma balansae chloroplast, partial genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 51085A....GA..... 51109

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 51185 .T.....G.. 51162

>[NC_029430.1](#) Meliosma aff. cuneifolia Moore 333 chloroplast,
complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 52125A....GA..... 52149

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 52225 .T.....G.. 52202

>[KT438495.1](#) Fothergilla sp. F05 tRNA-Leu (trnL) gene, partial
sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-
Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 390A....GA..... 414

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 490 .T.....G.. 467

>[KT438493.1](#) *Parrotiopsis jacquemontiana* voucher F39 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 396A....GA..... 420

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 496 .T.....G.. 473

>[KT438480.1](#) *Fothergilla latifolia* voucher F27 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 396A....GA..... 420

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 496 .T.....G.. 473

>[KP900459.1](#) *Ophiocaryon maguirei* voucher McDowell 3438 (US) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 412A....GA..... 436

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 512 .T.....G.. 489

>[KP900458.1](#) *Ophiocaryon klugii* voucher Huamantupa et al. 11861 (MO) tRNA-Leu (trnL) gene, partial sequence; and trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        412    .....A....GA.....  436

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        512    .T.....G..  489
```

>[KP900457.1](#) *Ophiocaryon heterophyllum* voucher Acevedo & Cedeno 7590 (US) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        412    .....A....GA.....  436

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        512    .T.....G..  489
```

>[KP900456.1](#) *Meliosma veitchiorum* voucher Zuniga 620 (RSA) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        391    .....A....GA.....  415

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        491    .T.....G..  468
```

>[KP900455.1](#) *Meliosma subcordata* voucher Zuniga 318 (RSA) tRNA-Leu (trnL) gene, partial sequence; and trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 407A....GA..... 431

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 507 .T.....G.. 484

>[KP900454.1](#) *Meliosma rigida* voucher Zuniga 774 (RSA) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 385A....GA..... 409

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 485 .T.....G.. 462

>[KP900453.1](#) *Meliosma rhoifolia* voucher Zuniga 773 (RSA) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 385A....GA..... 409

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 485 .T.....G.. 462

>[KP900452.1](#) *Meliosma pinnata* voucher Whitfeld PB3A0143 (MIN) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer,

complete sequence; and tRNA-Phe (trnF) gene, partial sequence;
chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 407A....GA..... 431

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 507 .T.....G.. 484

>[KP900451.1](#) *Meliosma oldhamii* voucher PE FLY090820-12 (PE) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 385A....GA..... 409

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 485 .T.....G.. 462

>[KP900450.1](#) *Meliosma occidentalis* voucher Zuniga 314 (RSA) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 388A....GA..... 412

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 488 .T.....G.. 465

>[KP900449.1](#) *Meliosma longepedicellata* voucher Homeier & Bell 1370 (QCNE) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic

spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 398A....GA..... 422

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 498 .T.....G.. 475

>[KP900448.1](#) *Meliosma irazuensis* voucher Zuniga 326 (RSA) tRNA-Leu (trnL) gene, partial sequence; and trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 403A....GA..... 427

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 503 .T.....G.. 480

>[KP900447.1](#) *Meliosma idiopoda* voucher Zuniga 320 (RSA) tRNA-Leu (trnL) gene, partial sequence; and trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; chloroplast

product length = 100

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 404A....GA..... 428

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 503 .T.....G.. 480

>[KP900446.1](#) *Meliosma herbertii* voucher Valenzuela et al. 12896 (MO) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer,

complete sequence; and tRNA-Phe (trnF) gene, partial sequence;
chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 407A....GA..... 431

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 507 .T.....G.. 484

>[KP900445.1](#) *Meliosma gracilis* voucher Cornejo 8306 (NY) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 393A....GA..... 417

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 493 .T.....G.. 470

>[KP900444.1](#) *Meliosma glandulosa* voucher Zuniga 772 (RSA) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 385A....GA..... 409

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 485 .T.....G.. 462

>[KP900443.1](#) *Meliosma glabrata* voucher Zuniga 293 (RSA) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 393A....GA..... 417

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 493 .T.....G.. 470

>[KP900442.1](#) *Meliosma flexuosa* voucher Liu A30105 (PE) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 407A....GA..... 431

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 507 .T.....G.. 484

>[KP900441.1](#) *Meliosma donnellsmithii* voucher Zuniga 315 (RSA) tRNA-Leu (trnL) gene, partial sequence; and trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 387A....GA..... 411

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 487 .T.....G.. 464

>[KP900440.1](#) *Meliosma dilleniifolia* voucher Gaoligong Shan Biodiversity Survey 25787 (RSA) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 401A....GA..... 425

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 501 .T.....G.. 478

>[KP900439.1](#) *Meliosma dentata* voucher Rzedowsky 654 (RSA) tRNA-Leu (trnL) gene, partial sequence; and trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 403A....GA..... 427

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 503 .T.....G.. 480

>[KP900438.1](#) *Meliosma cuneifolia* var. *glabriuscula* voucher PE 20110804257(PE) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 385A....GA..... 409

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 485 .T.....G.. 462

>[KP900437.1](#) *Meliosma cornejoi* voucher Cornejo & Montenegro 8329 (NY) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 392A....GA..... 416

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 492 .T.....G.. 469

>[KP900436.1](#) Meliosma clandestina voucher Zuniga 287 (RSA) tRNA-Leu (trnL) gene, partial sequence; and trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 404A....GA..... 428

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 504 .T.....G.. 481

>[KP900435.1](#) Meliosma callicarpifolia voucher PE 20110055 (PE) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 385A....GA..... 409

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 485 .T.....G.. 462

>[KP900434.1](#) Meliosma caballeroensis voucher Vasquez et al. 33537 (MO) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        407    .....A....GA.....  431

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        507    .T.....G..  484
```

>[KP900433.1](#) *Meliosma boliviensis* voucher Monteagudo 14062 (MO) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        385    .....A....GA.....  409

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        485    .T.....G..  462
```

>[KP900432.1](#) *Meliosma angustifolia* voucher Zuniga 702 (RSA) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        385    .....A....GA.....  409

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        485    .T.....G..  462
```

>[KP900431.1](#) *Meliosma allenii* voucher Zuniga 311 (RSA) tRNA-Leu (trnL) gene, partial sequence; and trnL-trnF intergenic spacer and tRNA-Phe (trnF) gene, complete sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 408A....GA..... 432

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 508 .T.....G.. 485

>[KP900430.1](#) *Meliosma alba* voucher Zuniga 614 (RSA) tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 391A....GA..... 415

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 491 .T.....G.. 468

>[NC_071839.1](#) *Corylopsis stelligera* chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 50949A....GA..... 50973

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 51049 .T.....A.. 51026

>[NC_071209.1](#) *Corylopsis trabeculosa* chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 50941A....GA..... 50965

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 51041 .T.....A.. 51018

>[NC 071208.1](#) *Daphniphyllum longeracemosum* chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 50583 A....GA..... 50607

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 50683 .T.....G.. 50660

>[OP005524.1](#) *Distylium dunnianum* chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 50654 A....GA..... 50678

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 50754 .T.....G.. 50731

>[OP005519.1](#) *Distylium pingpienense* chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 50686 A....GA..... 50710

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 50786 .T.....G.. 50763

>[NC 071202.1](#) *Distyliopsis laurifolia* chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 50883A....GA..... 50907

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 50983 .T.....G.. 50960

>[NC 071201.1](#) Corylopsis willmottiae chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 50936A....GA..... 50960

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 51036 .T.....A.. 51013

>[NC 071200.1](#) Corylopsis platypetala chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 50547A....GA..... 50571

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 50647 .T.....A.. 50624

>[OP005514.1](#) Distylium racemosum chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 50650A....GA..... 50674

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 50750 .T.....G.. 50727

>[NC 071195.1](#) *Daphniphyllum chartaceum* chloroplast, complete genome

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	50532	A....GA.....	50556

Reverse primer	1	CAATAAATTCATTGTTGTCGTCA	24
Template	50632	.T.....G..	50609

>[NC 061208.1](#) *Corylopsis microcarpa* chloroplast, complete genome

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	50949	A....GA.....	50973

Reverse primer	1	CAATAAATTCATTGTTGTCGTCA	24
Template	51049	.T.....A..	51026

>[NC 060832.1](#) *Corylopsis velutina* chloroplast, complete genome

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	50938	A....GA.....	50962

Reverse primer	1	CAATAAATTCATTGTTGTCGTCA	24
Template	51038	.T.....A..	51015

>[OU026887.1](#) *Plocama crocyllis* genomic DNA containing trnL region,
specimen voucher Oliver & Muller 6417, isolate IS356

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
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Template 397A....G.....C. 421

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 497C..G.. 474

>[OU026873.1](#) Plocama tinctoria genomic DNA containing trnL region,
specimen voucher Miller, A.G., Bazara'a, M.10171, isolate IS231

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 388A....G.....C. 412

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 488C..G.. 465

>[AB817632.1](#) Distylium lepidotum chloroplast trnL gene, intron,
partial sequence, isolate: OGA0439

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 366A....GA..... 390

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 466 .T.....G.. 443

>[NC_059892.1](#) Distylium elaeagnoides chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 50669A....GA..... 50693

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 50769 .T.....G.. 50746

>[NC 059890.1](#) *Distylium cuspidatum* chloroplast, complete genome

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        50651  .....A....GA.....  50675

Reverse primer  1      CAATAAATTCATTGTTGTCGTCA  24
Template        50751  .T.....G..  50728
```

>[NC 059889.1](#) *Distylium gracile* chloroplast, complete genome

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        50652  .....A....GA.....  50676

Reverse primer  1      CAATAAATTCATTGTTGTCGTCA  24
Template        50752  .T.....G..  50729
```

>[HE795455.1](#) *Balbisia meyeniana* chloroplast tRNA-Leu gene for transfer RNA-Leu (partial) and tRNAL-trnF IGS (partial), specimen voucher B:M. Weigend & M. Ackermann 9266

product length = 110

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        346  .....A....GA.....  370

Reverse primer  1      CAATAAATTCATTGTTGTCGTCA  24
Template        455  .T.....G..  432
```

>[HE795456.1](#) *Balbisia peduncularis* chloroplast tRNA-Leu gene for transfer RNA-Leu (partial) and tRNAL-trnF IGS (partial), specimen voucher M:M. Quezada & R. Ruiz 193

product length = 132

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 345A....GA..... 369

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 476 .T.....G.. 453

>[HM061570.1](#) *Symplococarpon purpusii* isolate T1478 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, complete sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 368A....GA..... 392

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 468 .T.....G.. 445

>[HM061569.1](#) *Symplococarpon hintonii* isolate T1322 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, complete sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 368A....GA..... 392

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 468 .T.....G.. 445

>[GU576827.1](#) *Hamamelis mexicana* voucher Wen 571 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 382A....GA..... 406

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 482 .T.....G.. 459

>[GU576817.1](#) *Dicoryphe stipulacea* voucher Wen 9494 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 389A....GA..... 413

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 489 .T.....G.. 466

>[DQ662140.1](#) *Gaillonia crocyllis* trnT-trnL intergenic spacer, partial sequence; tRNA-Leu (trnL) gene, complete sequence; and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 1143A....G.....C. 1167

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 1243C..G.. 1220

>[DQ435396.1](#) *Melianthus gariepinus* isolate MG1 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 362A....GA..... 386

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 462 .T.....T. 439

>[DQ352196.1](#) Hamamelis virginiana voucher Wen 6229 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 406A....GA..... 430

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 506 .T.....G.. 483

>[AF200935.1](#) Daphniphyllum glaucescens trnL gene, intron sequence; chloroplast gene for chloroplast product

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 402A....GA..... 426

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 502 .T.....G.. 479

>[AF147486.1](#) Shaniodendron subaequale tRNA-Leu (trnL) and tRNA-Phe (trnF) genes, partial sequence; chloroplast genes for chloroplast products

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 362A....GA..... 386

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 462 .T.....G.. 439

>[AF147480.1](#) *Neostrearia fleckeri* tRNA-Leu (trnL) and tRNA-Phe (trnF) genes, partial sequence; chloroplast genes for chloroplast products

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 412A....GA..... 436

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 512 .T.....G.. 489

>[AF147479.1](#) *Molinadendron guatemalense* tRNA-Leu (trnL) and tRNA-Phe (trnF) genes, partial sequence; chloroplast genes for chloroplast products

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 408A....GA..... 432

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 508 .T.....G.. 485

>[AF147474.1](#) *Fothergilla major* tRNA-Leu (trnL) and tRNA-Phe (trnF) genes, partial sequence; chloroplast genes for chloroplast products

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 413A....GA..... 437

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 513 .T.....G.. 490

>[KY378704.1](#) *Coptosapelta flavescens* voucher Puff 950720-1/2 (WU, BKF) chloroplast, partial genome

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	48235	A....GA.....C.	48259
Reverse primer	1	CAATAAATTTTCATTGTTGTCGTCA	24
Template	48335	.T.....G..	48312

>[KY378690.1](#) Plocama pendula chloroplast

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	47769	A....G...A.....C.	47793
Reverse primer	1	CAATAAATTTTCATTGTTGTCGTCA	24
Template	47869	C..G..	47846

>[MK203877.1](#) Hedyotis ovata chloroplast, complete genome

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	48333	A....GA.....C.	48357
Reverse primer	1	CAATAAATTTTCATTGTTGTCGTCA	24
Template	48433	.T.....G..	48410

>[ON729364.1](#) Neostrearia fleckeri chloroplast, complete genome

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	50098	A.....A....GA.....	50122
Reverse primer	1	CAATAAATTTTCATTGTTGTCGTCA	24

Template 50198 .T.....G.. 50175

>[OR670715.1](#) Dillenia excelsa isolate TV004 tRNA-Leu (trnL) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 401A....GA..A..... 425

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 501 .T.....G.. 478

>[KJ815417.1](#) Sericanthe andongensis voucher Bremer et al. 4322 (S) trnT-trnL intergenic spacer, partial sequence; tRNA-Leu (trnL-UAA) gene and trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 1217A....GA.....C. 1241

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 1317 .T.....A.. 1294

>[KY542242.1](#) Houstonia palmeri voucher McGregor 43 (US) trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 431A....GA.....C. 455

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 531 .T.....G.. 508

>[KY542232.1](#) *Houstonia acerosa* voucher HUH4787 trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 426A....GA.....C. 450

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 526 .T.....G.. 503

>[LN878285.1](#) *Hekistocarpa minutiflora* chloroplast partial trnT-L-F region gene intron, specimen voucher BR: Sonke 5603

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 1182A....GA.....C. 1206

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 1282 .T.....A.. 1259

>[KR922403.1](#) *Timonius mollis* voucher Costion 3371-24 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 379A....GA.....C. 403

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 479 .T.....G.. 456

>[KR922402.1](#) *Timonius korrensis* voucher Costion 3448-14 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 379A....GA.....C. 403

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 479 .T.....G.. 456

>[KR922401.1](#) Timonius salsedoi voucher Costion 3380-7 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 379A....GA.....C. 403

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 479 .T.....G.. 456

>[KR922400.1](#) Timonius subauritus voucher Costion 3359-5 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 379A....GA.....C. 403

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 479 .T.....G.. 456

>[OQ723465.1](#) Hedyotis puberulifolia voucher 6216 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 437A....GA.....C. 461

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 537 .T.....G.. 514

>[OQ723462.1](#) Hedyotis nankunshanensis voucher 1688 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 362A....GA.....C. 386

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 462 .T.....G.. 439

>[KF965239.1](#) Petitiocodon parviflorum isolate BR027 trnT-trnL intergenic spacer and tRNA-Leu (trnL) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 632A....GA.....C. 656

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 732 .T.....A.. 709

>[MZ514127.1](#) Hedyotis sp. MDY-2021b voucher YS430 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 396A....GA.....C. 420

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 496 .T.....G.. 473

>[MZ514125.1](#) Hedyotis matthewii voucher YS236 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 402A....GA.....C. 426

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 502 .T.....G.. 479

>[MZ514124.1](#) Hedyotis nanlingensis voucher YS228 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 397A....GA.....C. 421

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 497 .T.....G.. 474

>[MZ514123.1](#) Hedyotis longiexserta voucher YS60 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 339A....GA.....C. 363

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 439 .T.....G.. 416

>[MZ514118.1](#) Hedyotis prostrata voucher 1187 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        396    .....A....GA.....C.  420

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        496    .T.....G..  473
```

>[MZ514117.1](#) Hedyotis interrupta voucher 1136-2 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        396    .....A....GA.....C.  420

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        496    .T.....G..  473
```

>[MZ514116.1](#) Hedyotis exserta voucher 1124 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        396    .....A....GA.....C.  420

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        496    .T.....G..  473
```

>[MZ514114.1](#) Hedyotis baotingensis voucher 1064 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        396    .....A....GA.....C.  420
```

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 496 .T.....G.. 473

>[MZ484962.1](#) *Tocoyena arenicola* voucher Melo 7183 (ALCB) trnT-trnL intergenic spacer and tRNA-Leu (trnL) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 1128A....GA.....C. 1152

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 1228 .T.....C..... 1205

>[NC_023086.1](#) *Penthorum chinense* chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 49258 T.....A....GA..... 49282

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 49358 .T.....A... 49335

>[MZ403794.1](#) *Hedyotis hainanensis* voucher 1121 trnL gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and trnF gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 440A....GA.....C. 464

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 540 .T.....G.. 517

>[JX111368.1](#) Neanotis wightiana voucher IBSC:46 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 337A....GA.....C. 361

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 437 .T.....G.. 414

>[JX111367.1](#) Neanotis kwangtungensis voucher IBSC:1236 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 347A....GA.....C. 371

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 447 .T.....G.. 424

>[JX111366.1](#) Hedyotis yunnanensis voucher IBSC:1280 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 375A....GA.....C. 399

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 475 .T.....G.. 452

>[JX111365.1](#) Hedyotis yangchunensis voucher IBSC:1270-2 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 375A....GA.....C. 399

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 475 .T.....G.. 452

>[JX111361.1](#) Hedyotis xanthochroa voucher IBSC:1361 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 375A....GA.....C. 399

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 475 .T.....G.. 452

>[JX111359.1](#) Hedyotis wuzhishanensis voucher IBSC:1163 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 375A....GA.....C. 399

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 475 .T.....G.. 452

>[JX111357.1](#) Hedyotis uncinella voucher IBSC:15 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 375A....GA.....C. 399

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 475 .T.....G.. 452

>[JX111354.1](#) Oldenlandia tenuipes voucher IBSC:1234-1 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 375A....GA.....C. 399

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 475 .T.....G.. 452

>[JX111352.1](#) Hedyotis shiuyingiae voucher IBSC:1255-1 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 383A....GA.....C. 407

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 483 .T.....G.. 460

>[JX111350.1](#) Hedyotis shenzhenensis voucher IBSC:1262-1 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 383A....GA.....C. 407

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 483 .T.....G.. 460

>[JX111348.1](#) Hedyotis pulcherrima voucher IBSC:1233-1 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 375A....GA.....C. 399

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 475 .T.....G.. 452

>[JX111347.1](#) Hedyotis platystipula voucher IBSC:1193 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 375A....GA.....C. 399

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 475 .T.....G.. 452

>[JX111346.1](#) Hedyotis paridifolia voucher IBSC:1162 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 375A....GA.....C. 399

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 475 .T.....G.. 452

>[JX111343.1](#) Hedyotis macrostegia voucher IBSC:SIN01 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 376A....GA.....C. 400

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 476 .T.....G.. 453

>[JX111342.1](#) Hedyotis longipetala voucher IBSC:1334 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 375A....GA.....C. 399

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 475 .T.....G.. 452

>[JX111335.1](#) Hedyotis effusa voucher IBSC:1268-1 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 375A....GA.....C. 399

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 475 .T.....G.. 452

>[JX111333.1](#) Hedyotis cryptantha voucher IBSC:1152 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 375A....GA.....C. 399

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 475 .T.....G.. 452

>[JX111331.1](#) Oldenlandia consanguinea voucher IBSC:1254 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 367A....GA.....C. 391

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 467 .T.....G.. 444

>[JX111330.1](#) Hedyotis communis voucher IBSC:LB0171 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 375A....GA.....C. 399

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 475 .T.....G.. 452

>[JX111329.1](#) Hedyotis caudatifolia voucher IBSC:1269 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 369A....GA.....C. 393

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 469 .T.....G.. 446

>[JX111323.1](#) *Hedyotis cantoniensis* voucher IBSC:1263 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        375    .....A....GA.....C.  399
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        475    .T.....G..  452
```

>[JX111321.1](#) *Oldenlandia bodinieri* voucher IBSC:1253-2 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        387    .....A....GA.....C.  411
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        487    .T.....G..  464
```

>[JX111318.1](#) *Oldenlandia assimilis* voucher IBSC:1251 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        381    .....A....GA.....C.  405
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        481    .T.....G..  458
```

>[JX111316.1](#) *Hedyotis acutangula* voucher IBSC:HA-02 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        387    .....A....GA.....C.  411

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        487    .T.....G..  464
```

>[HM752899.1](#) Hedyotis vachellii isolate YU24 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        407    .....A....GA.....C.  431

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        507    .T.....G..  484
```

>[HM752893.1](#) Hedyotis loganioides isolate YU17 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        410    .....A....GA.....C.  434

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        510    .T.....G..  487
```

>[HM752891.1](#) Hedyotis consanguinea isolate YU15 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        390    .....A....GA.....C.  414
```

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 490 .T.....G.. 467

>[HM752887.1](#) Hedyotis bodinieri isolate YU11 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 405A....GA.....C. 429

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 505 .T.....G.. 482

>[HM752852.1](#) Hedyotis bracteosa isolate MA02 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 398A....GA.....C. 422

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 498 .T.....G.. 475

>[HM752817.1](#) Hedyotis assimilis isolate BW09 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 396A....GA.....C. 420

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 496 .T.....G.. 473

>[JF916971.1](#) *Sericanthe odoratissima* voucher Salubeni_3135 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 351A....GA.....C. 375

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 451 .T.....A.. 428

>[FM177177.1](#) *Psilanthus lebrunianus* chloroplast partial trnL gene, tRNA-Leu gene and IGS

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 348A....GA.....C. 372

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 448 .T.....A.. 425

>[GU576846.1](#) *Rhodoleia championii* voucher Wen 11013 tRNA-Leu (trnL) gene, partial sequence; trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 382 ..T...A....GA..... 406

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 482 .T.....G.. 459

>[FJ150578.1](#) *Ixora peruviana* voucher Plowman et al. 11541 (P) trnT-trnL intergenic spacer, partial sequence; tRNA-Leu gene, complete

sequence; and trnL-trnF intergenic spacer, partial sequence;
chloroplast

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	1145	A....GA.....C.	1169
Reverse primer	1	CAATAAATTTTCATTGTTGTCGTCA	24
Template	1245	.T.....A..	1222

>[FJ626570.1](#) *Meliosma veitchiorum* tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	404	A....GA.C.....	428
Reverse primer	1	CAATAAATTTTCATTGTTGTCGTCA	24
Template	504	.T.....G..	481

>[AM117385.1](#) *Valantia hispida* chloroplast tRNA-Leu gene, trnT-trnL intergenic spacer and trnL-trnF intergenic spacer, specimen voucher Bremer 3131 (UPS)

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	609	A....GA.....T.	633
Reverse primer	1	CAATAAATTTTCATTGTTGTCGTCA	24
Template	709	.T.....C.....	686

>[EU145530.1](#) *Coptosapelta tomentosa* isolate bD29 trnT-trnL intergenic spacer, partial sequence; tRNA-Leu (trnL) gene and trnL-trnF

intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 1194A....GA.....C. 1218

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 1294 .T.....G.. 1271

>[EU145527.1](#) *Coptosapelta diffusa* isolate aZ24 trnT-trnL intergenic spacer, partial sequence; tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 1066A....GA.....C. 1090

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 1166 .T.....G.. 1143

>[EU145526.1](#) *Coptosapelta montana* isolate bA78 trnT-trnL intergenic spacer, partial sequence; tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, complete sequence; and tRNA-Phe (trnF) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 706A....GA.....C. 730

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 806 .T.....G.. 783

>[DQ662158.1](#) *Paederia pospischilii* trnT-trnL intergenic spacer, partial sequence; tRNA-Leu (trnL) gene, complete sequence; and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 1151A....GA.....C. 1175

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 1251 .T.....G.. 1228

>[AM397160.1](#) *Meliosma cuneifolia* tRNA-Leu gene (partial), trnL-trnF intergenic spacer and tRNA-Phe gene (partial), specimen voucher A. Worberg 001 (BONN)

product length = 100

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 427A....GA.....A. 451

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 526 .T.....G.. 503

>[AY352878.1](#) *Pelargonium vinaceum* tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 332AA....T.....C. 356

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 432C.....T. 409

>[AY352865.1](#) *Pelargonium petroselinifolium* tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 333AA....T.....C. 357

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 433C.....T. 410

>[AY352861.1](#) *Pelargonium moniliforme* tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 362AA....T.....C. 386

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 462C.....T. 439

>[AJ346961.1](#) *Sinoadina racemosa* chloroplast DNA for trnT-L-F region, specimen voucher Jer-Ming Hu and wang 859 (MO)

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 1162A....GA.....C. 1186

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 1262 .T.....G.. 1239

>[AF147478.1](#) *Matudaea trinervia* tRNA-Leu (trnL) and tRNA-Phe (trnF) genes, partial sequence; chloroplast genes for chloroplast products

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 407AT...GA..... 431

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24
Template 507 .T.....G.. 484

>[OZ263583.1](#) *Lysimachia maritima* genome assembly, chromosome: 9

product length = 104

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 49436527A.....A.....G... 49436503

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24
Template 49436424 .T.....A....T.... 49436447

>[OR763019.1](#) *Plocama botschantzevii* voucher ALTB 1100000065 trnL-trnF intergenic spacer region, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 539A....G.....C. 515

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24
Template 439 .T.....C..G.. 462

>[NC_048515.1](#) *Physalis minima* chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 49607A....GA..... 49631

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24
Template 49707 .T.....C..G.. 49684

>[NC_048514.1](#) *Physalis pubescens* chloroplast, complete genome

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        49401  .....A....GA.....  49425

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        49501  .T.....C..G..  49478
```

>[MH045574.1](#) *Physalis angulata* chloroplast, complete genome

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        49378  .....A....GA.....  49402

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        49478  .T.....C..G..  49455
```

>[MN508249.2](#) *Physalis chenopodifolia* chloroplast, complete genome

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        49645  .....A....GA.....  49669

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        49745  .T.....C..G..  49722
```

>[MH752672.1](#) *Withania adpressa* voucher MO:Lewalle 13205 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer region, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        368    .....A....GA.....  392
```

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 468 .T.....C..G.. 445

>[MH752667.1](#) *Physalis walteri* voucher FLAS:Majure 3051 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer region, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 368A....GA..... 392

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 468 .T.....C..G.. 445

>[MH752666.1](#) *Physalis viscosa* voucher CORD:Deanna & Tamborini 179 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer region, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 368A....GA..... 392

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 468 .T.....C..G.. 445

>[MH752665.1](#) *Physalis virginiana* voucher COLO:Deanna & Smith 238 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer region, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 368A....GA..... 392

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 468 .T.....C..G.. 445

>[MH752664.1](#) *Physalis victoriana* voucher CORD:Carrizo Garcia 5 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer region, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        368    .....A....GA.....  392
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        468    .T.....C..G..  445
```

>[MH752663.1](#) *Physalis purpurea* voucher CORD:Barboza 3657 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer region, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        368    .....A....GA.....  392
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        468    .T.....C..G..  445
```

>[MH752661.1](#) *Physalis pumila* var. *pumila* voucher COLO:Deanna et al. 230 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer region, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        368    .....A....GA.....  392
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        468    .T.....C..G..  445
```

>[MH752657.1](#) *Physalis patula* voucher CORD:Chiarini et al. 1273 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer region, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        368    .....A....GA.....  392
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        468    .T.....C..G..  445
```

>[MH752656.1](#) *Physalis orizabae* voucher CORD:Chiarini et al. 1280 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer region, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        380    .....A....GA.....  404
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        480    .T.....C..G..  457
```

>[MH752654.1](#) *Physalis mollis* voucher COLO:Deanna et al. 201 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer region, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        368    .....A....GA.....  392
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        468    .T.....C..G..  445
```

>[MH752650.1](#) *Physalis longifolia* voucher COLO:Deanna et al. 227 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer region, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTGA 25

Template 368A....GA..... 392

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 468 .T.....C..G.. 445

>[MH752649.1](#) *Physalis lagascae* voucher BM:Sarkinen 4548 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer region, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTGA 25

Template 368A....GA..... 392

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 468 .T.....C..G.. 445

>[MH752645.1](#) *Physalis fendleri* voucher COLO:Deanna et al. 219 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer region, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTGA 25

Template 368A....GA..... 392

Reverse primer 1 CAATAAATTCATTGTTGTCGTCA 24

Template 468 .T.....C..G.. 445

>[MH752644.1](#) *Physalis x elliotii* voucher SI:Wheeler 14144 tRNA-Leu (trnL) gene, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 369A....GA..... 393

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 469 .T.....C..G.. 446

>[MH752641.1](#) *Physalis cinerascens* var. *spathulifolia* voucher
COLO:Deanna et al. 203 tRNA-Leu (trnL) gene and trnL-trnF intergenic
spacer region, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 366A....GA..... 390

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 466 .T.....C..G.. 443

>[MH752639.1](#) *Physalis chenopodiifolia* voucher CORD:Chiarini et al.
1277 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer region,
partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 380A....GA..... 404

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 480 .T.....C..G.. 457

>[MH752636.1](#) *Physalis angustifolia* voucher MO:Miller et al. 9107
tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer region, partial
sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 368A....GA..... 392

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 468 .T.....C..G.. 445

>[OR053580.1](#) Ardisia palmana voucher FTG:Pipoly 24411 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 104

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 341A.....A.....G... 365

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 444 .T.....A....T.... 421

>[NC_039458.1](#) Physalis pruinosa chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 49544A....GA..... 49568

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 49644 .T.....C..G.. 49621

>[MH019242.1](#) Physalis peruviana chloroplast, complete genome

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 49544A....GA..... 49568

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 49644 .T.....C..G.. 49621

>[OR712470.1](#) Aptandra tubicina voucher H. van der Werff & R. Vasquez
13846 chloroplast, complete genome

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        47856  .....A....GA.....  47880
```

```
Reverse primer  1      CAATAAATTCATTGTTGTCGTCA  24
Template        47956  .T.....C.....A..  47933
```

>[OR296714.1](#) Physalis ampla chloroplast, complete genome

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        49523  .....A....GA.....  49547
```

```
Reverse primer  1      CAATAAATTCATTGTTGTCGTCA  24
Template        49623  .T.....C..G..  49600
```

>[MT767016.1](#) Daphniphyllum dichotomum isolate
Sabah_Mt_Kinabalu_Dap131 tRNA-Leu (trnL) gene, intron; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        375    .....A....GA.....  399
```

```
Reverse primer  1      CAATAAATTCATTGTTGTCGTCA  24
Template        475    .T.....A.....G..  452
```

>[MT767010.1](#) Daphniphyllum borneense isolate Sabah_Mt_Kina_Dap125M
tRNA-Leu (trnL) gene, intron; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        368    .....A....GA.....  392

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        468    .T.....A.....G..  445
```

>[NC_085278.1](#) *Physalis ixocarpa* chloroplast, complete genome

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        49587   .....A....GA.....  49611

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        49687   .T.....C..G..  49664
```

>[KF965277.1](#) *Wendlandia glabrata* isolate BY054 trnT-trnL intergenic spacer and tRNA-Leu (trnL) gene, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        1179   .....A....GA.....  1203

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        1279   .T.....C..A..  1256
```

>[NC_072167.1](#) *Physalis cordata* chloroplast, complete sequence

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        49598   .....A....GA.....  49622

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        49698   .T.....C..G..  49675
```

>[NC 070364.1](#) *Physalis philadelphica* chloroplast, complete genome

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        49553  .....A....GA.....  49577

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        49653  .T.....C..G..  49630
```

>[LC529946.1](#) *Oldenlandia boscii* TANA2 chloroplast gene for trnA-Leu, intron and exon, partial sequence

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        363  .....A....GA.....  387

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        463  .T.....C..G..  440
```

>[HG315180.1](#) *Ixora* sp. JT-2013b chloroplast DNA containing partial trnL gene, trnL-trnF IGS and partial trnF gene, specimen voucher BR:Tosh 30

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        358  .....A....G.....C.  382

Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        458  .T.....C..A..  435
```

>[OU070294.1](#) *Plocama calycoptera* genomic DNA containing trnL region, specimen voucher I.S. Collenette 689, isolate IS338

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 398A....G.....C. 422

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 498 .T.....C..G.. 475

>[OU070291.1](#) Plocama puberula genomic DNA containing trnL region,
specimen voucher Miller, A.G., Guarino, M.8539, isolate IS218

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 389A....G.....C. 413

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 489 .T.....C..G.. 466

>[OU026914.1](#) Plocama olivieri genomic DNA containing trnL region,
specimen voucher O. Polunin 11686, isolate IS685

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 386A....G.....C. 410

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 486 .T.....C..G.. 463

>[OU026913.1](#) Plocama eriantha genomic DNA containing trnL region,
specimen voucher R. B. & L. Gibbons 244, isolate IS684

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 389A....G.....C. 413

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 489 .T.....C..G.. 466

>[OU026911.1](#) Plocama crucianelloides genomic DNA containing trnL region, specimen voucher B. S. Parris 75406, isolate IS681

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 335A....G.....C. 359

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 435 .T.....C..G.. 412

>[OU026910.1](#) Plocama bruguieri genomic DNA containing trnL region, specimen voucher Bowles Scholarship Bot. Expd. 2424, isolate IS680

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 398A....G.....C. 422

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 498 .T.....C..G.. 475

>[OU026907.1](#) Plocama afghanica genomic DNA containing trnL region, specimen voucher C. Grey-Wilson & T. F. Hewer 596, isolate IS673

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 398A....G.....C. 422

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 498 .T.....C..G.. 475

>[OU026883.1](#) *Plocama somaliensis* genomic DNA containing trnL region, specimen voucher J.G.B. Newbould 1054, isolate IS345

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 398A....G.....C. 422

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 498 .T.....C..G.. 475

>[OU026881.1](#) *Plocama hymenostephana* genomic DNA containing trnL region, specimen voucher M. Thulin & A.N. Al-Gifri 10000, isolate IS340

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 382A....G.....C. 406

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 482 .T.....C..G.. 459

>[OU026880.1](#) *Plocama aucheri* genomic DNA containing trnL region, specimen voucher A. Radcliffe-Smith 5489, isolate IS334

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25

Template 402A....G.....C. 426

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24

Template 502 .T.....C..G.. 479

>[OU026875.1](#) *Plocama macrantha* genomic DNA containing trnL region, specimen voucher Assadi, M. et al. 1859, isolate IS237

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 398A....G.....C. 422

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 498 .T.....C..G.. 475

>[OU026872.1](#) Plocama dubia genomic DNA containing trnL region,
specimen voucher M.Backlund & Thulin W 8015, isolate IS229

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 398A....G.....C. 422

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 498 .T.....C..G.. 475

>[OU026869.1](#) Plocama thymoides genomic DNA containing trnL region,
specimen voucher Miller, A.G., Guarino, L., M.8438, isolate IS225

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 389A....G.....C. 413

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 489 .T.....C..G.. 466

>[AB817659.1](#) Distylium lepidotum chloroplast trnL gene, intron,
partial sequence, isolate: OGA0469

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 366A....GA..... 390

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 466 .T.....G....G.. 443

>[JX111369.1](#) Oldenlandia affinis voucher IBSC:1306 tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 382A....GA..... 406

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 482 .T.....C..G.. 459

>[HM164344.1](#) Wendlandia paniculata voucher Ridsdale 2179 trnT-trnL intergenic spacer, partial sequence; tRNA-Leu (trnL) gene, complete sequence; and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 1135A....GA..... 1159

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 1235 .T.....C..A.. 1212

>[FJ948400.1](#) Macrocnemum roseum tRNA-Leu (trnL-UAA) gene, complete sequence; chloroplast

product length = 101

Forward primer 1 CTCCATTGTCTACTAGATCTTTTGA 25
Template 1128A.....A.....T. 1152

Reverse primer 1 CAATAAATTTTCATTGTTGTCGTCA 24
Template 1228 .T.....C..A.. 1205

>[FM207139.1](#) *Sabicea villosa* chloroplast trnT-trnL IGS, tRNA-Leu gene, trnL-trnF IGS and tRNA-Phe gene (partial), specimen voucher LL Delprete 6396

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        1181    .....A....GA.....  1205
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        1281    .T.....C..A..  1258
```

>[EU581043.1](#) *Physalis heterophylla* voucher Olmstead S-64 (WTU) tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        372    .....A....GA.....  396
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        472    .T.....C..G..  449
```

>[EU581025.1](#) *Margaranthus solanaceus* voucher Olmstead S-37 (WTU) tRNA-Leu (trnL) gene and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        395    .....A....GA.....  419
```

```
Reverse primer  1      CAATAAATTTTCATTGTTGTCGTCA  24
Template        495    .T.....C..G..  472
```

>[DQ662163.1](#) *Pseudogaillonia hymenostephana* trnT-trnL intergenic spacer, partial sequence; tRNA-Leu (trnL) gene, complete sequence; and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	1158	A....G.....C.	1182
Reverse primer	1	CAATAAATTCATTGTTGTCGTCA	24
Template	1258	.T.....C..G..	1235

>[DQ662142.1](#) *Gaillonia olivieri* trnT-trnL intergenic spacer, partial sequence; tRNA-Leu (trnL) gene, complete sequence; and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	1185	A....G.....C.	1209
Reverse primer	1	CAATAAATTCATTGTTGTCGTCA	24
Template	1285	.T.....C..G..	1262

>[DQ662141.1](#) *Gaillonia eriantha* trnT-trnL intergenic spacer, partial sequence; tRNA-Leu (trnL) gene, complete sequence; and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

Forward primer	1	CTCCATTGTCTACTAGATCTTTTGA	25
Template	1154	A....G.....C.	1178
Reverse primer	1	CAATAAATTCATTGTTGTCGTCA	24
Template	1254	.T.....C..G..	1231

>[DQ662137.1](#) *Choulettia reboudiana* trnT-trnL intergenic spacer, partial sequence; tRNA-Leu (trnL) gene, complete sequence; and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        1187  .....A....G.....C.  1211

Reverse primer  1      CAATAAATTCATTGTTGTCGTCA  24
Template        1287  .T.....C..G..  1264
```

>[DQ662134.1](#) *Aitchisonia rosea* trnT-trnL intergenic spacer, partial sequence; tRNA-Leu (trnL) gene, complete sequence; and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        1163  .....A....G.....C.  1187

Reverse primer  1      CAATAAATTCATTGTTGTCGTCA  24
Template        1263  .T.....C..G..  1240
```

>[DQ662145.1](#) *Jaubertia aucheri* trnT-trnL intergenic spacer, partial sequence; tRNA-Leu (trnL) gene, complete sequence; and trnL-trnF intergenic spacer, partial sequence; chloroplast

product length = 101

```
Forward primer  1      CTCCATTGTCTACTAGATCTTTTGA  25
Template        1152  .....A....G.....C.  1176

Reverse primer  1      CAATAAATTCATTGTTGTCGTCA  24
Template        1251  -T.....C..G..  1229
```