

S2. Alignment of 74 partial sequences of *PHYE*.

	10	20	30	40	50
<i>P. bicolor</i>	.....	.....	.....	.....	.....
<i>P. bipinnatifida</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. chizhouensis</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. cordata</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AG-----TCCGGTAAG
<i>P. depressa</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. dongguanica</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. eburnea</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. fimbrisepala</i>	CAATACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. glandulosa</i> var. <i>yangshuoensis</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. gueiliensis</i> var. <i>brachycar</i>	CAG TACAATG	CCG ACGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. guihaiensis</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. heterotricha</i> & <i>P. pteropoda</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. hochiensis</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGCAA
<i>P. huaijiensis</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. langshanica</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. latinerquis</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. laxiflora</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	TGT CCGGTAA
<i>P. leprosa</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. liguliformis</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. lijiangensis</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. linearifolia</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT CGAGC	AGT CCGGTAA
<i>P. lobulata</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	-----AA
<i>P. longii</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. lunglinensis</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. lungzhouensis</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. luochengensis</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT CGAGC	AGT CCGGTAA
<i>P. lutea</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CTGGTAAG
<i>P. mabaensis</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. macrodonta</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. medica</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. moi</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. mollifolia</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. obtusidentata</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. orthandra</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. parvifolia</i>	CAG TACAACG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. pinnatifida</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. pulchurfolia</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. renifolia</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. repanda</i>	CAG TACAACG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. ronganensis</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. sclerophylla</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. sinensis</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. spinulosa</i>	CAG TACAATG	CCG ATGCGAG	GCT TATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. subrhomboidea</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. subrhomboidea</i> var. <i>tribract</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. subulata</i>	CAATACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CTGGTAA
<i>P. swinglei</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. tabacum</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CTGGTAA
<i>P. tenuifolia</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. tenuituba</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. tiandengensis</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. tribracteata</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. villosissima</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. wentssaii</i>	CAG TACAATG	CCG ATGCGAG	GCT TATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. xiuningensis</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. xizii</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. yangchunensis</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. yongxingensis</i>	CAG TACAATG	CCG ACGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. yungfuensis</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. cordifolia</i>	CAG TACAACG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. danxiaensis</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. leiophylla</i> & <i>P. napoensis</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>P. verecunda</i>	CAATAATAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
sp. nov. 6	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
sp. nov. 8	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
sp. nov. 9	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
sp. nov. 10	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
sp. nov. 12	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGG	AGT CCGGTAA
sp. nov. 13	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
sp. nov. 16	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
sp. nov. 18	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
sp. nov. 19	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>Didymocarpus hancei</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA
<i>Petrocodon dealbatus</i>	CAG TACAATG	CCG ATGCGAG	GCT GATGGCT	GAATT TGAGC	AGT CCGGTAA

	70	80	90	100	110	120
<i>P. bicolor</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. bipinnatifida</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCTGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. chizhouensis</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. cordata</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. depressa</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. dongguanica</i>	TTCTTTAACT	ACGCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. eburnea</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. fimbrisepala</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. glandulosa</i> var. <i>yangshuoens</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. gueilensis</i> var. <i>brachycar</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. guihaiensis</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. heterotricha</i> & <i>P. pteropoda</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. hochiensis</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. huaijienensis</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. langshanica</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCACT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. latinervis</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. laxiflora</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. leprosa</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. liguliformis</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	CGAGGAGGAG
<i>P. lijiangensis</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. linearifolia</i>	TTCTTTAACT	ACTGAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. lobulata</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. longii</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. lunglinensis</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. lungzhouensis</i>	TTCTTTAACT	ACTGAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. luochengensis</i>	TTCTTTAACT	ACTGAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. lutea</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. mabaensis</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. macrodonta</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCGT	GCTCCGAATA	CTTTGAGAAC	TGAGGAGGAG
<i>P. medica</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. moii</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. mollifolia</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCGT	GCTCCGAATA	CTTTGAGCAC	CGAGGAGGAG
<i>P. obtusidentata</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. orthandra</i>	TTCTTTAACT	ACTGAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. parvifolia</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. pinnatifida</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. pulchurfolia</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. renifolia</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	CGAGGAGGAG
<i>P. repanda</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. ronganensis</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCGT	GCTCCGAATA	CTTTGAGCAC	CGAGGAGGAG
<i>P. sclerophylla</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	CGAGGAGGAG
<i>P. sinensis</i>	TTCTTTAACT	ACTCTAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. spinulosa</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. subrhomboidea</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. subrhomboidea</i> var. <i>tribract</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. subulata</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. swinglei</i>	TTCTTTAACT	ACTGAAAGTC	AGTTTCTCAT	GCTCCCAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. tabacum</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. tenuifolia</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. tenuituba</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. tiandengensis</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	CGAGGAGGAG
<i>P. tribalteata</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	CGAGGAGGAG
<i>P. villosissima</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. wentsii</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. xiuningensis</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. xizii</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. yangchunensis</i>	TTCTTTAACT	ACTGAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. yongxingensis</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. yungfuensis</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. cordifolia</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. danxiaensis</i>	TTCTTTAACT	ACTCAAATGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>P. leiophylla</i> & <i>P. napoensis</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCGT	GCTCCGAATA	CTTTGAGCAC	CGAGGAGGAG
<i>P. verecunda</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
sp. nov. 6	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
sp. nov. 8	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
sp. nov. 9	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
sp. nov. 10	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
sp. nov. 12	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
sp. nov. 13	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
sp. nov. 16	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
sp. nov. 18	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
sp. nov. 19	TTCTTTAACT	ACTCTAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG
<i>Didymocarpus hancei</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	CGAGGAGGAG
<i>Petrocodon dealbatus</i>	TTCTTTAACT	ACTCAAAGTC	AGTTTCTCAT	GCTCCGAATA	CTTTGAGCAC	TGAGGAGGAG

	190	200	210	220	230	240
<i>P. bicolor</i>	.....	.....	.....	.....	.....	.....
<i>P. bipinnatifida</i>	CTTGTGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. chizhouensis</i>	CTTGCGGTCG	AGGAACCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. cordata</i>	CTTGCGGTCG	AGGAACCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. depressa</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. dongguanica</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. eburnea</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTAT	CTTTGATATG
<i>P. fimbrisepala</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. glandulosa</i> var. <i>yangshuoensis</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. guelinensis</i> var. <i>brachycar</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. guihaiensis</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTCACA	GTGAGAATTG	CTTTGATATG
<i>P. heterotricha</i> & <i>P. pteropoda</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. hochiensis</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTCATA	GTGAGAATTG	CTTTGATATG
<i>P. huaijiensis</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. langshanica</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GCAGAAATTG	CTGTGATATG
<i>P. latinerivis</i>	CTCGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. laxiflora</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. leprosa</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. liguliformis</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATA
<i>P. lijiangensis</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. linearifolia</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. lobulata</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. longii</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTCATA	GTGAGAATTG	CTTTGATATG
<i>P. lunglinensis</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTCATA	GTGAGAATTG	CTTTGATATG
<i>P. lungzhouensis</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. luochengensis</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. lutea</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. mabaensis</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. macrodonta</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. medica</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. moii</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. mollifolia</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. obtusidentata</i>	CTTGCGGTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATACG
<i>P. orthandra</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. parvifolia</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. pinnatifida</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. pulchrifolia</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. renifolia</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. repanda</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. ronganensis</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. sclerophylla</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. sinensis</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. spinulosa</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	GTAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. subrhomboidea</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTCATA	GTGAGAATTG	CTTTGATATG
<i>P. subrhomboidea</i> var. <i>tribracteata</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. subulata</i>	GTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. swinglei</i>	CTTGCGBTCG	AGGAGCCCAG	TTTAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. tabacum</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATT	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. tenuifolia</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTCATA	GTGAGAATTG	CTTTGATATG
<i>P. tenuituba</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. tiandengensis</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. tribracteata</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. villosissima</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. wentsaiai</i>	CTTGCGBTTG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. xiuningensis</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. xizii</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. yangchunensis</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. yongxingensis</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. yungfuensis</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. cordifolia</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. danxiaensis</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. leiophylla</i> & <i>P. napoensis</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>P. verecunda</i>	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
sp. nov. 6	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
sp. nov. 8	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
sp. nov. 9	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
sp. nov. 10	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
sp. nov. 12	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
sp. nov. 13	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
sp. nov. 16	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
sp. nov. 18	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
sp. nov. 19	CTTGCGBTCG	AGGAGCCCAG	TTTGAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>Didymocarpus hancei</i>	CTTGCGBTCG	AGGAGCCCAG	TTTTAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG
<i>Petrocodon dealbatus</i>	CTTGCGBTCG	AGGAGCCCAG	TTTTAAGATC	ATAGGTTATA	GTGAGAATTG	CTTTGATATG

	250	260	270	280	290	300
<i>P. bicolor</i>	...|...|...	...|...|...	...|...|...	...|...|...	...|...|...	...|...|...
<i>P. bipinnatifida</i>	CTGGGCTTGA	AGAGTGTCGT	CGAGCCAAAA	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. chizhouensis</i>	CTGGGTTTGA	AGAGCGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. cordata</i>	CTGGGTTTGA	AGAGCGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. depressa</i>	CTGGGCTTGA	AGAGTGTCGT	TGATCCAAA	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. dongguanica</i>	CTGGGTTTGA	AGAGCGTCGT	TGAGCaaaa	AAATGGAATGG	GTCTTATTGG	GGTTGATGCA
<i>P. eburnea</i>	CTGGGCTTGA	AAAGGGTCGT	GGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. fimbrisepala</i>	CTGGGTTTGA	AGAGCGTCGT	CGAACCAAA	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. glandulosa</i> var. <i>yangshuoens</i>	CTGGGCTTGA	AGAGTGTAAT	TGAGCaaaa	AAATGGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. gueilensis</i> var. <i>brachycar</i>	CTGGGTTTGA	AGAGCGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. guihaiensis</i>	CTGGGTTTGA	AGAGCGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. heterotricha</i> & <i>P. pteropoda</i>	CTGGGTTTGA	AGAGTGTCGT	TGAGCaaaa	AAATGATGG	GTCTTCTTGG	GGTTGATGCA
<i>P. hochiensis</i>	CTGGGTTTGA	AGAGTGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. huaijensis</i>	CTGGGTTTGA	AGAGCGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. langshanica</i>	CTGGGCTTGA	AGAGTGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. latinervis</i>	CTGGGCTTGA	AGAGTGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. laxiflora</i>	CTGGGTTTGA	AGAGTGTTGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. leprosa</i>	CTGGGTTTGA	AGAGCGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. liguliformis</i>	CTGGGTTTGA	AGAGTGTTGT	TGAGCaaaa	AAATTGACGG	GTCTTATTGG	GGTTGATGCA
<i>P. lijiangensis</i>	CTGGGTTTGA	AGAGCGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. linearifolia</i>	CTGGGTTTGA	AGAGTGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. lobulata</i>	CTGGGCTTGA	AGAGTGTCGT	TGATCCAAA	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. longii</i>	CTGGGTTTGA	AGAGCGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. lunglinensis</i>	CTGGGTTTGA	AGAGCGTCGT	TGAGCaaaa	AAATTGTTGG	GTCTTATTGG	GGTTGATGCA
<i>P. lungzhouensis</i>	CTGGGCTTGA	AGAGTTTAGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. luochengensis</i>	CTGGGTTTGA	AGAGTGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. lutea</i>	CTGGGCTTGA	AGAGTGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. mabaensis</i>	CTGGGATTGA	AGAGTGTCGT	TGATCCAAA	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. macrodonta</i>	CTGGGTTTGA	AGAGTGTTGT	TGAGCaaaa	AAATGTCGG	GTCTTATTGG	GGTTGATGCA
<i>P. medica</i>	CTGGGTTTGA	AGAGCGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. moii</i>	CTGGGCTTGA	AGAATGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. mollifolia</i>	CTGGGTTTGA	AGAGTGTTGT	TGAGCaaaa	AAATTGACGG	GTCTTGTGG	GGTTGATGCA
<i>P. obtusidentata</i>	CTGGGTTTGA	AGAGCGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	AGTTGATGCA
<i>P. orthandra</i>	CTGGGCTTGA	AGAGTGTCGT	CGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. parvifolia</i>	CTGGGTTTGA	AGAGTGTTGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. pinnatifida</i>	CTGGGTTTGA	AGAGCGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. pulcherrolia</i>	CTGGGTTTGA	AGAGTGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. renifolia</i>	CTGGGTTTGA	AGAGTGTTGT	TGAGCaaaa	AAATTGACGG	GTCTTATTGG	GGTTGATGCA
<i>P. repanda</i>	CTGGGTTTGA	AGAGTGTTGT	TGAGCaaaa	AAATTGACGG	GTCTTATTGG	GGTTGATGCA
<i>P. ronganensis</i>	CTGGGTTTGA	AGAGTGTTGT	TGAGCaaaa	AAATTGACGG	GTCTTATTGG	GGTTGATGCA
<i>P. sclerophylla</i>	CTGGGTTTGA	AGAGTGTTGT	TGAGCaaaa	AAATTGACGG	GTCTTATTGG	GGTTGATGCA
<i>P. sinensis</i>	CTGGGTTTGA	AGAGCGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. spinulosa</i>	CTGGGTTTGA	AGAGTGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. subrhomboidea</i>	CTGGGTTTGA	AGAGCGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. subrhomboidea</i> var. <i>tribract</i>	CTGGGTTTGA	AGAGTGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. subulata</i>	CTGGGTTTGA	AGAGCGTCGT	TGAGCaaaa	AAATGATGG	GACTTATTGG	GGTTGATGCA
<i>P. swinglei</i>	CTGGGTTTGA	AGAGTGTTGT	TGAGCaaaa	AAATCAGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. tabacum</i>	CTGGGTTTGA	AGAGTGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. tenuifolia</i>	CTGGGTTTGA	AGAGCGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. tenuituba</i>	CTGGGCTTGA	AGAGTGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. tiandagensis</i>	CTGGGTTTGA	AGAGTGTTGT	GGAGCaaaa	AAATTGACGG	GTCTTATTGG	GGTTGATGCA
<i>P. tribraeata</i>	CTGGGTTTGA	AGAGTGTTGT	TGAGCaaaa	AAATTGACGG	GTCTTATTGG	GGTTGATGCA
<i>P. villosissima</i>	CTGGGTTTGA	AGAGCGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. wentsuaii</i>	CTGGGTTTGA	AGAGTGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. xiuningensis</i>	CTGGGATTGA	AGAGTGTCGT	TGATCCAAA	AAATTATGG	GTCTTATTGG	GGTTGATGCA
<i>P. xizii</i>	CTGGGCTTGA	AGAGTGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. yangchunensis</i>	CTGGGTTTGA	AGAGCGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. yongxingensis</i>	CTGGGCTTGA	AGAGTGTCGT	TGATCCAAA	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. yungfuensis</i>	CTGGGTTTGA	AGAGCGTCGT	TGAGCaaaa	AGATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. cordifolia</i>	CTGGGTTTGA	AGAGTGTTGT	TGAGCaaaa	AAATTCACGG	GTCTTATTGG	GGTTGATGCA
<i>P. danxiaensis</i>	CTGGGATTGA	AGAGTGTCGT	TGATCCAAA	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>P. leiophylla</i> & <i>P. napoensis</i>	CTGGGTTTGA	AGAGTGTTGT	TGAGCaaaa	AAATGACGG	GTCTTATTGG	GGTTGATGCA
<i>P. verecunda</i>	CTGGGTTTGA	AGAGCGTCGT	CGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
sp. nov. 6	CTGGGTTTGA	AGAGCGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
sp. nov. 8	CTGGGCTTGA	AGAGTGTCGT	TGAGCaaaa	AAATGACGG	GTCTTATTGG	GGTTGATGCA
sp. nov. 9	CTGGGCTTGA	AGAGTGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
sp. nov. 10	CTGGGTTTGA	AGAGTGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
sp. nov. 12	CTGGGATTGA	AGAGTGTCGT	TGATCCAAA	AAATGATGG	GTCTTATTGG	GGTTGATGCA
sp. nov. 13	CTGGGATTGA	AGAGTGTCGT	TGATCCAAA	AAATGATGG	GTCTTATTGG	GGTTGATGCA
sp. nov. 16	CTGGGATTGA	AGAGTGTCGT	TGATCCAAA	AAATGATGG	GTCTTATTGG	GGTTGATGCA
sp. nov. 18	CTGGGCTTGA	AGAGTGTTGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
sp. nov. 19	CTGGGTTTGA	AGAGCGTCGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>Didymocarpus hancei</i>	CTGGGTTTGA	AGAGTGTTGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA
<i>Petrocodon dealbatus</i>	CTGGGTTTGA	AGAGTGTTGT	TGAGCaaaa	AAATGATGG	GTCTTATTGG	GGTTGATGCA

	310	320	330	340	350	360
<i>P. bicolor</i>	.....	.....	.....	.....	.....	.....
<i>P. bipinnatifida</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. chizhouensis</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. cordata</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. depressa</i>	AGGA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. dongguanica</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCGT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. eburnea</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. fimbrisepala</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. glandulosa</i> var. <i>yangshuoens</i>	AGGA CGCTTT	TTACCTCTTC	AAGTAGGGCG	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. gueilinensis</i> var. <i>brachycar</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. guihaiensis</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. heterotricha</i> & <i>P. pteropoda</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGAT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. hochiensis</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCCT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. huaijienensis</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. langshanica</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. latinervis</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGACA	AAGCTGTGGC	ATCAAGGGAA
<i>P. laxiflora</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. leprosa</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. liguliformis</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. lijiangensis</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. linearifolia</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. lobulata</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. longii</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. lunglinensis</i>	AGAT CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. lungzhouensis</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. luochengensis</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. lutea</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. mabaensis</i>	AGGA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. macrodonta</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. medica</i>	AGGA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. moii</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. mollifolia</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. obtusidentata</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. orthandra</i>	AGAACCTCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. parvifolia</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. pinnatifida</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCGTTGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. pulchurfolia</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. renifolia</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. repanda</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. ronganensis</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. sclerophylla</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. sinensis</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCGTTGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. spinulosa</i>	AGAA CGCTTT	TTACCGCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. subrhamboidea</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. subrhamboidea</i> var. <i>tribract</i>	ACAA CGCTTT	TTACCTCTTC	CAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. subulata</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCCT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. swinglei</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCGTTGGATA	AAGCTGTGGC	ATCGAGGGAA
<i>P. tabacum</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. tenuifolia</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. tenuituba</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. tiandensis</i>	AGAA CGCTCT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. tribaceteata</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. villosissima</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. wentsii</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. xiuningensis</i>	AGGA CGCTTT	TTACCTCTTC	GAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. xizii</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. yangchunensis</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. yongxingensis</i>	AGAA CGCTTT	TTACCTCTTC	GAGCAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. yungfuensis</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCGTTGGATA	AAGCTGTGGC	ATCAAGAGAA
<i>P. cordifolia</i>	AGAACACTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. danxiaensis</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. leiophylla</i> & <i>P. napoensis</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>P. verecunda</i>	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
sp. nov. 6	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
sp. nov. 8	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
sp. nov. 9	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
sp. nov. 10	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
sp. nov. 12	AGGA CGCTTT	TTACCTCTTC	GAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
sp. nov. 13	AGGA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
sp. nov. 16	AGAA CACTTT	TTACCTCTTC	AAGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
sp. nov. 18	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCCT TGGATA	AAGCTGTGGC	ATCAAGGGAA
sp. nov. 19	AGAA CGCTTT	TTACCTCTTC	AAGTAGGGCT	TCCT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>Didymocarpus hancei</i>	AGAA CCCTTT	TTACCTCTTC	ATGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA
<i>Petrocodon dealbatus</i>	AGAA CCCTTT	TTACCTCTTC	ATGTAGGGCT	TCAT TGGATA	AAGCTGTGGC	ATCAAGGGAA

	370	380	390	400	410	420
<i>P. bicolor</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. bipinnatifida</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. chizhouensis</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. cordata</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. depressa</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. dongguanica</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. eburnea</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. fimbrisepala</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. glandulosa</i> var. <i>yangshuoens</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. gueilensis</i> var. <i>brachycar</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. guihaiensis</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. heterotricha</i> & <i>P. pteropoda</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. hochiensis</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. huaijensis</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTACACCA	CCCACAAACC	ATTTTATGCT
<i>P. langshanica</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. latinnervis</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. laxiflora</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. leprosa</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. liguliformis</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	ACCACAAACC	ATTTTATGCT
<i>P. lijiangensis</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. linearifolia</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. lobulata</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. longii</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. lunglinensis</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. lungzhouensis</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTCTATGCT
<i>P. luochengensis</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTCTATGCT
<i>P. lutea</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. mabaensis</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. macrodonta</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	ACCACAAACC	ATTTTATGCT
<i>P. medica</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. moii</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. mollifolia</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	ACCACAAACC	ATTTTATGCT
<i>P. obtusidentata</i>	A TTTCGTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. orthandra</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. parvifolia</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	ACCACAAACC	ATTTTATGCT
<i>P. pinnatifida</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. pulchurfolia</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. renifolia</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	ACCACAAACC	ATTTTATGCT
<i>P. repanda</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	ACCATAAAC	ATTTTATGCT
<i>P. ronganensis</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	ACCACAAACC	ATTTTATGCT
<i>P. sclerophylla</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	ACCACAAACC	ATTTTATGCT
<i>P. sinensis</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. spinulosa</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. subrhomboidea</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. subrhomboidea</i> var. <i>tribract</i>	A TTTCATTTT	TGAACCCGAT	CTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. subulata</i>	A TTTCATTTT	GGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. swinglei</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. tabacum</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. tenuifolia</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. tenuituba</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. tiandengensis</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	ACCACAAACC	ATTTTATGCT
<i>P. tribalteata</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	ACCACAAACC	ATTTTATGCT
<i>P. villosissima</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. wentsaui</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. xiuningensis</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. xizii</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. yangchunensis</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. yongxingensis</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. yungfuensis</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. cordifolia</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	TCCACAAACC	ATTTTATGCT
<i>P. danxiaensis</i>	A TTTCATTTT	TGAACCCCAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>P. leiophylla</i> & <i>P. napoensis</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	ACCACAAACC	ATTTTATGCT
<i>P. verecunda</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
sp. nov. 6	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
sp. nov. 8	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
sp. nov. 9	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
sp. nov. 10	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
sp. nov. 12	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
sp. nov. 13	A TTTCATTTT	TGAACCCCAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
sp. nov. 16	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
sp. nov. 18	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
sp. nov. 19	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>Didymocarpus hancei</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT
<i>Petrocodon dealbatus</i>	A TTTCATTTT	TGAACCCGAT	TTGGGTTCAT	TCTTGACCA	CCCACAAACC	ATTTTATGCT

	490	500	510	520	530	540
<i>P. bicolor</i>	.....	.....	.....	.....	.....	.....
<i>P. bipinnatifida</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. chizhouensis</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. cordata</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. depressa</i>	CCTGGTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAT	TAGCTGTGAG	AGCCATATCT
<i>P. dongguanica</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. eburnea</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. fimbrisepala</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. glandulosa</i> var. <i>yangshuoens</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. gueilensis</i> var. <i>brachycar</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. guihaiensis</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. heterotricha</i> & <i>P. pteropoda</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCCGTGAG	AGCCATATCT
<i>P. hochiensis</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. huaijienensis</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. langshanica</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. latinervis</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. laxiflora</i>	CCCAGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. leprosa</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. liguliformis</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. lijiangensis</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. linearifolia</i>	CCTTCCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. lobulata</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. longii</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. lunglinensis</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. lungzhouensis</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. luochengensis</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. lutea</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. mabaensis</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAT	TAGCTGTGAG	AGCCATATCT
<i>P. macrodonta</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. medica</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. moii</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. mollifolia</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. obtusidentata</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. orthandra</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. parvifolia</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. pinnatifida</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTACAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. pulchurfolia</i>	CCTTCCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. renifolia</i>	CCTGCTATGT	TGCATTCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. repanda</i>	CCTGCGATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. ronganensis</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. sclerophylla</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. sinensis</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTACAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. spinulosa</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. subrhoumboidea</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. subrhoumboidea</i> var. <i>tribract</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. subulata</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. swinglei</i>	CCTTCCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. tabacum</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. tenuifolia</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. tenuituba</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. tiandagensis</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. tribrecteata</i>	CCTGCTATGT	TGCATGCCAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. villosissima</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. wentsii</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. xiuningensis</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. xizii</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. yangchunensis</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. yongxingensis</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. yungfuensis</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTACAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. cordifolia</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. danxiaensis</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAT	TAGCTGTGAG	AGCCATATCT
<i>P. leiophylla</i> & <i>P. napoensis</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>P. verecunda</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAGC	TAGCTGTGAG	AGCCATATCT
sp. nov. 6	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
sp. nov. 8	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
sp. nov. 9	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
sp. nov. 10	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
sp. nov. 12	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
sp. nov. 13	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAT	TAGCTGTGAG	AGCCATATCT
sp. nov. 16	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
sp. nov. 18	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
sp. nov. 19	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>Didymocarpus hancei</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT
<i>Petrocodon dealbatus</i>	CCTGCTATGT	TGCATGCTAG	TGCTGTGCAA	TCGCAGAAAC	TAGCTGTGAG	AGCCATATCT

	550	560	570	580	590	600
<i>P. bicolor</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. bipinnatifida</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. chizhouensis</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. cordata</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTT	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. depressa</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGACACAGT	CGTAGAAGAT
<i>P. dongguanica</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTTGAAGAT
<i>P. eburnea</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. fimbrisepala</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTT	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. glandulosa</i> var. <i>yangshuoensis</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. gueilinensis</i> var. <i>brachycar</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. guihaiensis</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTT	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. heterotricha</i> & <i>P. pteropoda</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. hochiensis</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTT	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. huaijiensis</i>	AGGCTGCA GG	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. langshanica</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. latineervis</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	TG TAGAAGAT
<i>P. laxiflora</i>	AGGCTGCA GT	CTCTCCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. leprosa</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. liguliformis</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. lijiangensis</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTT	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. linearifolia</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. lobulata</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. longii</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. lunglinensis</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. lungzhouensis</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. luochengensis</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. lutea</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. mabaensis</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGACACAGT	CGTAGAAGAT
<i>P. macrodonta</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. medica</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G CGATACAGT	CGTAGAAGAT
<i>P. moii</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. mollifolia</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. obtusidentata</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGACGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. orthandra</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. parvifolia</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTT	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. pinnatifida</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. pulchrifolia</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. renifolia</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTT	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. repanda</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTT	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. ronganensis</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. sclerophylla</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTCTGT	G TGATACAGT	CGTAGAAGAT
<i>P. sinensis</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. spinulosa</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGACACAGT	CGTAGAAGAT
<i>P. subrhomboidea</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTT	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. subrhomboidea</i> var. <i>tribracteata</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. subulata</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. swinglei</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. tabacum</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. tenuifolia</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTT	GGAGTTCTGT	G TGATACAGT	CGTAGAAGAT
<i>P. tenuituba</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. tiandengensis</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. tribracteata</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. villosissima</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. wentsaiai</i>	AAGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. xiuningensis</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAAATTGTT	G TGATACAGT	CGTAGAAGAT
<i>P. xizii</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. yangchunensis</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. yongxingensis</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. yungfuensis</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. cordifolia</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTT	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. danxiaensis</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGACACAGT	CGTAGAAGAT
<i>P. leiophylla</i> & <i>P. napoensis</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>P. verecunda</i>	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
sp. nov. 6	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
sp. nov. 8	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
sp. nov. 9	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
sp. nov. 10	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
sp. nov. 12	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
sp. nov. 13	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGACACAGT	CGTAGAAGAT
sp. nov. 16	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
sp. nov. 18	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
sp. nov. 19	AGGCTGCA GT	CTCTTCCTGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT
<i>Didymocarpus hancei</i>	AGGCTGCA GT	CTCTTCAGG	GGGCGATGTA	GGAGTTTTGT	G TGACACAGT	CGTAGAAGAT
<i>Petrocodon dealbatus</i>	AGGCTGCA GT	CTCTTCAGG	GGGCGATGTA	GGAGTTTTGT	G TGATACAGT	CGTAGAAGAT

	670	680	690	700	710	720
<i>P. bicolor</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. bipinnatifida</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. chizhouensis</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTGGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. cordata</i>	GGAGAGGTAC	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAGC	CTTATTGGG	GCTGCAC TAT
<i>P. depressa</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. dongguanica</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAGC	CTTATTGGG	GCTGCAC TAT
<i>P. eburnea</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. fimbrisepala</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAGC	CTTATTGGG	GCTGCATTAT
<i>P. glandulosa</i> var. <i>yangshuoens</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAGC	CTTATTGGG	GCTGCAC TAT
<i>P. gueilinensis</i> var. <i>brachycar</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. guihaiensis</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAGC	CTTATTGGG	GCTGCAC TAT
<i>P. heterotricha</i> & <i>P. pteroppda</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	ACTGCAC TAT
<i>P. hochiensis</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAGC	CTTATTGGG	GCTGCAC TAT
<i>P. huaijienensis</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. langshanica</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. latinervis</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. laxiflora</i>	GGAGAGGTAG	TGTCAGAGAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. leprosa</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. liguliformis</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. lijiangensis</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAGC	CTTATTGGG	GCTGCAC TAT
<i>P. linearifolia</i>	GGAGAGGTGG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. lobulata</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. longii</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. lunglinensis</i>	GGAGAGGTGG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. lungzhouensis</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAGC	CTTATTGGG	GCTGCAC TAT
<i>P. luochengensis</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. lutea</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. mabaensis</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. macrodonta</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. medica</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAGC	CTTATTGGG	GCTGCAC TAT
<i>P. moii</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. mollifolia</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCT	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. obtusidentata</i>	GGAGAGGTAG	TGTCGGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. orthandra</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. parvifolia</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. pinnatifida</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. pulchurfolia</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. renifolia</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCT	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. repanda</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. ronganensis</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCT	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. sclerophylla</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCT	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. sinensis</i>	GGAGAGGTAG	TGTCAGAAAT	CAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. spinulosa</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. subrhamboidea</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAGC	CTTATTGGG	GCTGCAC TAT
<i>P. subrhamboidea</i> var. <i>tribract</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. subulata</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. swinglei</i>	GGAGAGGTAG	TGTCAGAGAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. tabacum</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. tenuifolia</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAGC	CTTATTGGG	GCTGCAC TAT
<i>P. tenuituba</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. tiandengensis</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCT	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. tribrecteata</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. villosissima</i>	GGAGAGGTGG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. wentsuaii</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. xiuningensis</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. xizii</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. yangchunensis</i>	GGAGAGGTGG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. yongxingensis</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. yungfuensis</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. cordifolia</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTAGG	GCTGCAC TAT
<i>P. danxiaensis</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. leiophylla</i> & <i>P. napoensis</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCT	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>P. verecunda</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAGC	CTTATTGGG	GCTGCAC TAT
sp. nov. 6	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCT	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
sp. nov. 8	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
sp. nov. 9	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
sp. nov. 10	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
sp. nov. 12	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
sp. nov. 13	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
sp. nov. 16	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
sp. nov. 18	GGAGAGGTGG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
sp. nov. 19	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>Didymocarpus hancei</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT
<i>Petrocodon dealbatus</i>	GGAGAGGTAG	TGTCAGAAAT	TAGAAGGTCC	GACTTAGAAC	CTTATTGGG	GCTGCAC TAT

	730	740	750	760	770	780
<i>P. bicolor</i>	...|...|...	...|...|...	...|...|...	...|...|...	...|...|...	...|...|...
<i>P. bipinnatifida</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. chizhouensis</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. cordata</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. depressa</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. dongguanica</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. eburnea</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. fimbrisepala</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. glandulosa</i> var. <i>yangshuoens</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. gueilensis</i> var. <i>brachycar</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. guihaiensis</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. heterotricha</i> & <i>P. pteropoda</i>	CCATCTACTG	ATATCCCTCA	AACAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. hochiensis</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. huaijensis</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. langshanica</i>	CCATCTACTG	ATATCCCTCA	GGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. latinervis</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. laxiflora</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. leprosa</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. liguliformis</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. lijiangensis</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. linearifolia</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. lobulata</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. longii</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. lunglinensis</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. lungzhouensis</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. luochengensis</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. lutea</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. mabaensis</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. macrodonta</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. medica</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. moii</i>	CCATCCACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. mollifolia</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. obtusidentata</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. orthandra</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. parvifolia</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. pinnatifida</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. pulchurfolia</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. renifolia</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGATTG
<i>P. repanda</i>	CCATCTACCG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. ronganensis</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. sclerophylla</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. sinensis</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. spinulosa</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAAACCG	TGTCAGAATG
<i>P. subrhoimboidea</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. subrhoimboidea</i> var. <i>tribract</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. subulata</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. swinglei</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. tabacum</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. tenuifolia</i>	CCATCCACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. tenuituba</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. tiandengensis</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. tribacteata</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. villosissima</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. wentsu</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. xiuningensis</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. xizii</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTTAGAATG
<i>P. yangchunensis</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. yongxingensis</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. yungfuensis</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. cordifolia</i>	CCATCTACCG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. danxiaensis</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. leiophylla</i> & <i>P. napoensis</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>P. verecunda</i>	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
sp. nov. 6	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
sp. nov. 8	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
sp. nov. 9	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
sp. nov. 10	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
sp. nov. 12	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
sp. nov. 13	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
sp. nov. 16	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTTAGAATG
sp. nov. 18	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
sp. nov. 19	CCATCTACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>Didymocarpus hancei</i>	CCATCCACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG
<i>Petrocodon dealbatus</i>	CCATCCACTG	ATATCCCTCA	AGCAGCCCCGT	TTCTTGTTC	TGCAAGACCG	TGTCAGAATG

	850	860
<i>P. bicolor</i>	C T C T G C T T G G	T T A A T T C T A C C
<i>P. bipinnatifida</i>	C T T T G C T T G G	G T A A T T C T A C C
<i>P. chizhouensis</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. cordata</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. depressa</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. dongguanica</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. eburnea</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. fimbrisepala</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. glandulosa</i> var. <i>yangshuoens</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. guelinensis</i> var. <i>brachycar</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. guhaiensis</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. heterotricha</i> & <i>P. pteropoda</i>	C T T T G C T T G A	T T A A T T C T A C C
<i>P. hochiensis</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. huaijensis</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. langshanica</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. latinervis</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. laxiflora</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. leprosa</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. liguliformis</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. lijiangensis</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. linearifolia</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. lobulata</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. longii</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. lunglinensis</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. lungzhouensis</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. luochengensis</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. lutea</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. mabaensis</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. macrodonta</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. medica</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. moii</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. mollifolia</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. obtusidentata</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. orthandra</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. parvifolia</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. pinnatifida</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. pulchurfolia</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. renifolia</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. repanda</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. ronganensis</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. sclerophylla</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. sinensis</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. spinulosa</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. subrhomboidea</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. subrhomboidea</i> var. <i>tribract</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. subulata</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. swinglei</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. tabacum</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. tenuifolia</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. tenuituba</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. tiandengensis</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. tribraeata</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. villosissima</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. wentsaui</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. xiuningensis</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. xizii</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. yangchunensis</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. yongxingensis</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. yungfuensis</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. cordifolia</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. danxiaensis</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. leiophylla</i> & <i>P. napoensis</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>P. verecunda</i>	C T T T G C T T G G	T T A A T T C T A C C
sp. nov. 6	C T T T G C T T G G	T T A A T T C T A C C
sp. nov. 8	C T T T G C T T G G	T T A A T T C T A C C
sp. nov. 9	C T T T G C T T G G	T T A A T T C T A C C
sp. nov. 10	C T T T G C T T G G	T T A A T T C T A C C
sp. nov. 12	C T T T G C T T G G	T T A A T T C T A C C
sp. nov. 13	C T T T G C T T G G	T T A A T T C T A C C
sp. nov. 16	C T T T G C T T G G	T T A A T T C T A C C
sp. nov. 18	C T T T G C T T G G	T T A A T T C T A C C
sp. nov. 19	C T T T G C T T G G	T T A A T T C T A C C
<i>Didymocarpus hancei</i>	C T T T G C T T G G	T T A A T T C T A C C
<i>Petrocodon dealbatus</i>	C T T T G C T T A G	T T A A T T C T A C C