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| **Taxon** | **Genbank number - ITS region** | **Publication/voucher** |
| *Adenocarpus viscosus* Webb & Berthel. | Z72300 and Z72301 | Käss (1995) |
| *Amphithalea biovulata* (H.Bolus) Granby | AM261219 | Boatwright et al. (2008a) |
| *Amphithalea speciosa* Schltr. | AM261235 | Boatwright et al. (2008a) |
| *Amphithalea tomentosa* (Thunb.) Granby | AM261430 | Boatwright et al. (2008a) |
| *Amphithalea muraltioides* (Benth.) A.L.Schutte | AM261230 | Boatwright et al. (2008a) |
| *Amphithalea vlokii* (A.L.Schutte & B.-E.van Wyk) A.L.Schutte | AM261435 | Boatwright et al. (2008a) |
| *Anagyris foetida* L. | AY091571 | Wang et al. (2006) |
| *Anarthrophyllum cumingii* F.Phil. | AY609186 and AY609196 | Ainouche and Misset s.n. |
| *Argyrocytisus battandieri* (Maire) Raynaud | Z95580 and Z95581 | Käss and Wink (1997) |
| *Argyrolobium lunare* Druce | AF287686 | Crisp et al. (2000) |
| *Argyrolobium tuberosum* Eckl. & Zeyh. | KP230719 | Bester 10865 (PRE) |
| *Argyrolobium harmsianum* Schltr. ex Harms | AF287685 | Crisp et al. (2000) |
| *Argyrolobium transvaalense* Schinz | KP230720 | Gotze 298 (PRE) |
| *Argyrolobium wilmsii* Harms | KP230721 | Krynauw 584 (PRE) |
| *Aspalathus macrantha* Harv. | EU347728 | Boatwright et al. (2008b) |
| *Aspalathus linearis* (Burm.f.) R.Dahlgren | EU347739 | Boatwright et al. (2008b) |
| *Aspalathus cordata* (L.) R.Dahlgren | AF287681 | Crisp et al. (2000) |
| *Baptisia australis* (L.) R. Br. | AY091572 | Wang et al. (2006) |
| *Baptisia tinctoria* (L.) Vent. | Z72314 and Z72315 | Käss (1995) |
| *Bolusanthus speciosus* Harms | AM262451 | Motsi (2004) |
| *Bolusia amboensis* Harms | JQ067344 | Le Roux et al. (2013) |
| *Brongniartia alamosana* Rydb. | AF467022 | Hu et al. (2002) |
| *Cadia pedicellata* Baker | AM261738 | Boatwright et al. (2008a) |
| *Cadia commersoniana* Baill. | AM261737 | Boatwright et al. (2008a) |
| *Cadia purpurea* (G. Piccioli) Aiton | AM261740 | Boatwright et al. (2008a) |
| *Calicotome villosa* (Poir.) Link | Z72252 and Z72253 | Käss (1995) |
| *Calpurnia sericea* Harv. | AM268374 and AM268375 | Boatwright et al. (2008a) |
| *Calpurnia aurea* Benth. | AJ409913 | Van der Bank et al. (2002) |
| *Calpurnia glabrata* Brummitt | AM177372 | Boatwright et al. (2008a) |
| *Crotalaria laburnifolia* L. | JQ067130 | Le Roux et al. (2013) |
| *Crotalaria lanceolata* E.Mey. | JQ067145 | Le Roux et al. (2013) |
| *Crotalaria lotoides* Benth. | JQ067299 | Le Roux et al. (2013) |
| *Crotalaria aurea* Dinter ex Baker f. | JQ067157 | Le Roux et al. (2013) |
| *Crotalaria juncea* L. | JQ067144 | Le Roux et al. (2013) |
| *Crotalaria novae-hollandiae* DC. | JQ067289 | Le Roux et al. (2013) |
| *Cyclolobium nutans* Rizzini & Heringer | AF467041 | Hu et al. (2002) |
| *Cyclopia genistoides* (L.) Vent. | AM050819 | Boatwright et al. (2008a) |
| *Cyclopia subternata* Vogel | AM050821 | Boatwright et al. (2008a) |
| *Cytisophyllum sessilifolium* O.Lang | Z72254 and Z72255 | Käss (1995) |
| *Dichilus strictus* E.Mey. | AF287684 | Crisp et al. (2000) |
| *Dichilus lebeckioides* DC. | EU347894 | Boatwright et al. (2008a) |
| *Dicraeopetalum mahafaliense* (M.Peltier) Yakovlev | EF457716 | Edwards and Hawkins (2007) |
| *Diplotropis martiusii* Benth. | AY553711 | Beck, Henner, and Jo. Cardosa 166 (US) |
| *Echinospartum boissieri* (Spach) Rothm. | AY609188 and AY609193 | MAF 148150 (Univ Complutense, Madrid) |
| *Erinacea anthyllis* Link | Z72256 and Z72257 | Käss (1995) |
| *Euchlora hirsuta* Druce | EU347881 | Boatwright et al. (2008b) |
| *Ezoloba macrocarpa* (Eckl. & Zeyh.) B.-E.van Wyk & Boatwr. | FM875935 and FM875936 | Boatwright et al. (2011) |
| *Genista teretifolia* Willk. | AY263668 | Pardo et al. (2004) |
| *Genista tournefortii* Spach | AY263669 | Pardo et al. (2004) |
| *Hesperolaburnum platycarpum* (Maire) Maire | AY263678 | Pardo et al. (2004) |
| *Hovea elliptica* (Sm.) DC. | AF287640 | Crisp et al. (2000) |
| *Laburnum anagyroides* Medik. | AY263679 | Pardo et al. (2004) |
| *Lebeckia wrightii* Bolus | AM262447 | Motsi (2004) |
| *Lebeckia sessilifolia* (Eckl. & Zeyh.) Benth. | AF287678 | Crisp et al. (2000) |
| *Lebeckia sepiaria* (L.) Thunb. | EU347853 | Boatwright et al. (2008b) |
| *Leobordea benthamiana* (Dümmer) B.-E.van Wyk & Boatwr. | EU347771 | Boatwright et al. (2008b) |
| *Leobordea eriantha* (Benth.) B.-E.van Wyk & Boatwr. | EU347784 | Boatwright et al. (2008b) |
| *Leobordea hirsuta* (Schinz) B.-E.van Wyk & Boatwr. | EU347881 | Boatwright et al. (2008b) |
| *Liparia vestita* Thunb. | AM261492 | Boatwright et al. (2008a) |
| *Liparia calycina* (L.Bolus) A.L.Schutte | AM261481 | Boatwright et al. (2008a) |
| *Liparia congesta* A.L.Schutte | AM261484 | Boatwright et al. (2008a) |
| *Listia marlothii* (Engl.) B.-E.van Wyk & Boatwr. | EU347825 | Boatwright et al. (2008b) |
| *Listia heterophylla* E.Mey. | EU347826 | Boatwright et al. (2008b) |
| *Lotononis laxa* Eckl. & Zeyh. | AF287677 | Crisp et al. (2000) |
| *Lotononis alpina* (Eckl. & Zeyh.) B.-E.van Wyk | AM262446 | Boatwright et al. (2008a) |
| *Lupinus polyphyllus* Lindl. | AF007496 | Ainouche and Bayer (1999) |
| *Lupinus arcticus* S.Watson | AF007495 | Ainouche and Bayer (1999) |
| *Maackia amurensis* Rupr. | Z72336 and Z72352 | Käss (1995) |
| *Melolobium candicans* Eckl. & Zeyh. | AM050833 | Moteetee (2003) |
| *Melolobium adenode*s Eckl. & Zeyh. | AM050832 | Moteetee (2003) |
| *Melolobium exudans* Harv. | KP230725 | Manning and Manning 2857 (K) |
| *Melolobium calycinum* Benth. | KP230723 | Van Wyk 13662 (PRU) |
| *Melolobium calycinum* Benth. | KP230724 | Van Wyk 13663 (PRU) |
| *Oberholzeria etendekaensis* Swanepoel, M.M.le Roux , M.F.Wojc. & A.E.van Wyk | KP247506 | Swanepoel 316 (WIND) |
| *Ormosia amazonica* Ducke | EF457724 | Edwards and Hawkins (2007) |
| *Pearsonia grandifolia* (Bolus) Polhill | AM262450 | Boatwright et al. (2008a) |
| *Pearsonia sessilifolia* Dümmer | AJ287675 | Crisp et al. (2000) |
| *Petteria ramentacea* C.Presl | Z72232 and Z72233 | Käss (1995) |
| *Pickeringia montana* Torr. & A. Gray | AY091568 | Wang et al. (2006) |
| *Piptanthus tomentosus* Franch. | AY091570 | Wang et al. (2006) |
| *Podalyria orbicularis* E.Mey. | AM261675 | Boatwright et al. (2008a) |
| *Podalyria argentea* Salisb. | AM261493 | Boatwright et al. (2008a) |
| *Podalyria myrtillifolia* Willd. | AJ409901 | Van der Bank et al. (2002) |
| *Poecilanthe falcata* (Vell.) Heringer | AF467492 | Hu et al. (2002) |
| *Polhillia pallens* C.H.Stirt. | EF457695 | Edwards and Hawkins (2007) |
| *Polhillia obsoleta* (Harv.) B.-E.van Wyk | KP230726 | Manning 2847 (K) |
| *Rafnia globosa* G.J.Campb. & B.-E.van Wyk | EU347743 | Boatwright et al. (2008b) |
| *Rafnia racemosa* Eckl. & Zeyh. | EU347741 | Boatwright et al. (2008b) |
| *Retama monosperma* (L.) Boiss. | AY263681 | Pardo et al. (2004) |
| *Retama sphaerocarpa* (L.) Boiss. | AY263682 | Pardo et al. (2004) |
| *Sophora velutina* Lindl. | FN813569 | Boatwright and Van Wyk (2011) |
| *Sophora inhambanensis* Klotzsch | FN813570 | Boatwright and Van Wyk (2011) |
| *Spartium junceum* L. | AF351088 | Cubas et al. (2002) |
| *Ulex genistoides* Brot. subsp. *genistoides* | AF384340 and AF384341 | Ainouche et al. (2003) |
| *Stirtonanthus insignis* (Compton) B.-E. van Wyk & A.L. Schutte | AJ409906 | Van der Bank et al. (2002) |
| *Stirtonanthus taylorianus* (L. Bolus) B.-E. van Wyk & A.L. Schutte | AJ409907 | Van der Bank et al. (2002) |
| *Stirtonanthus chrysanthus* (Adamson) B.-E.van Wyk & A.L. Schutte | AM268386 and AM268387 | Boatwright et al. (2008a) |
| *Styphnolobium japonicum* (L.) Schott | AJ409920 | Van der Bank et al. (2002) |
| *Templetonia retusa* (Vent.) R. Br. | AF287636 | Crisp et al. (2000) |
| *Templetonia hookeri* (F. Muell.) Benth. | GQ250085 | Queiroz et al. (2010) |
| *Thermopsis montana* Torr. & A. Gray | AF384336 and AF384337 | Ainouche et al. (2003) |
| *Thermopsis divaricarpa* A. Nelson | AY091575 | Wang et al. (2006) |
| *Ulex parviflorus* Pourr. | AF007470 | Ainouche and Bayer s.n. |
| *Ulex densus* Welw. ex Webb | AF384356 | Ainouche et al. |
| *Virgilia divaricata* Adamson | AJ409910 | Van der Bank et al. (2002) |
| *Virgilia oroboides* (P.J.Bergius) T.M.Salter subsp. *oroboides* | AJ409912 | Van der Bank et al. (2002) |
| *Xiphotheca canescens* (Thunb.) A.L.Schutte & B.-E.van Wyk | AM268388 and AM268389 | Boatwright et al. (2008a) |
| *Xiphotheca phylicoides* A.L.Schutte & B.-E.van Wyk | AM261743 | Boatwright et al. (2008a) |
| *Xiphotheca lanceolata* Eckl. & Zeyh. | AM261742 | Boatwright et al. (2008a) |