

Head, Dept. of Biotechnology  
 School of Life Sciences  
 St. Joseph's College (Autonomous)  
 Tiruchirappalli - 620 002, India  
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### PROFESSIONAL EXPERIENCE

1. **Associate Professor** of Botany, St. Joseph's College (*Autonomous*), Tiruchirappalli, Tamilnadu, India (13<sup>th</sup> January, 2009 to till date).
2. **Assistant Professor** of Botany, St. Joseph's College (*Autonomous*), Tiruchirappalli, Tamilnadu, India (13<sup>th</sup> January, 2000 –12<sup>th</sup> January, 2009).
3. **Lecturer** and **Head** of Biotechnology, JJ College of Arts and Sciences, Pudukkottai, Tamilnadu, India (June 1996 - January, 11th, 2000).

### TECHNICAL EXPERIENCE:

- Plant Genomics – Structural and comparative (cpDNA - Chloroplast genes, Nuclear ribosomal genes)
- Molecular aspects of Orchid- Mycorrhizal association
- Histochemical staining techniques for the localization of various cellular substances.
- Fluorescence and confocal microscopical analysis.

### Academic Qualifications:

Degree	University/Institution	Year	Class
Ph.D.	Dept. of Plant Science Bharathidasan University	1996	Commended
M.Phil.	St. Joseph's College (Autonomous)	1992	I
*M.Sc	National College	1991	I

\*(University Rank)

## Citation indices

	<i>All</i>	<i>Since 2010</i>
Citations	149	114
h-index	7	6
i10-index	5	3

## SUMMARY OF PH D

- More than 48 different cytochemical staining procedures were standardized
- The different stains were used to study the morphological and ultra structural variations of the plant *Spathoglottis plicata* and the fungus *Rhizoctonia* sp.
- The optimum dye for fluorescence microscopy was standardized to study the pathological features of the fungus.
- Fungal culture and its morphology was described using wide range of histochemical stains.

## RESEARCH EXPERIENCE

<i>S No</i>	<i>University</i>	<i>Designation</i>	<i>Duration</i>
1	Nova Southeastern University, Florida	Lab visit	2014
2	James Cook University, Australia	Technical Assistant	2010
3	University of Warwick, UK	Visiting Fellowship	2007
4	University of York UK	24 clock hours of Molecular Workshop	2000
5	University of Peradeniya, Srilanka	Research Assistant	1998

## GLOBAL COMPETENCY

- 79 Accessions with GenBank / NCBI, US.
- Young Scientist Bursary Award, Korean Microscopy Society (2008)
- Young Scientist Grant – International Mycological Congress, Oslo University, Norway, (2002)
- Young Scientist Bursary Award -The Royal Microscopical Society, Oxford University, UK, (2000)

## NATIONAL COMPETENCY

- Young Scientist Overseas Fellowships, Department of Biotechnology, Government of India (2006)
- Young Scientist Award -Dept. of Science and Technology, Government of India (2001)
- M.Sc University Rank (1991)
- Best Paper Presentation Award - UGC Sponsored National Symposium on Plant Morphogenesis, Dept. of BioSciences, Sardar Patel University, Gujarat (1997)
- M.Sc Proficiency Award (1991)

## SCIENTIFIC VISITS

- ✚ Department of Botany, University of Peradeniya, Srilanka,(1997, 2000,and 2004) - [Resource person and Research Assistant](#)
- ✚ Department of Biotechnology, University of Peradeniya (2005)-[Resource Person](#).
- ✚ Department of Biology, York University, UK, (2000)-[Conference and Workshop](#)
- ✚ Department of Microbiology, University of Warwick, UK (2006)- [Visiting Fellow](#)
- ✚ University of Oslo, Norway (2002) - [International Conference participation](#)
- ✚ International Islamic University, Malaysia (2004)- [International Conference participation](#)
- ✚ Department of Molecular Biology, National University of Singapore (2004)- [Visit](#)
- ✚ Jeju National University, Jeju, South Korea, (2008)- [International Conference participation](#)
- ✚ James Cook University, Townsville, Australia, (2010)- [Visiting Fellow](#)

- ✚ Al-Balqa' Applied University, Petra, Jordan, (2012)- [International Conference participation](#)
- ✚ Bulgarian Academy of Sciences, Bulgaria, (2013)- [International Conference participation](#)
- ✚ 55<sup>th</sup> Annual Meeting-Society of Economic Botany, Cherokee, North Carolina (07<sup>th</sup> May-29<sup>th</sup>, 2014) and [Nova Southeastern University, Florida, USA.](#)

**SUPERVISOR:** Ph.D Awarded : 06 /M.Phil Awarded : 45

**FUNDED PROJECTS:** DST, UGC, NONI, MoEF, ICMR, TNCST and DBT.

### CONTRIBUTION TO LITERATURE

Ethnobotanical study of Kani tribes in Thoduhills of Kerala, South India.

T.Francis Xavier *et al* and SR.Senthilkumar

Journal of Ethnopharmacology 152 (2014)78-90

Bacteriostatic effect of *Seidenfia rheedii* on bacterial pathogens by time course assay.

T.Francis Xavier and SR.Senthilkumar

Int.J Biology, Pharmacy and Allied Sciences 2 (2013) 630-638

Isolation and Identification of *Cryptococcus neoformans* from Pigeon droppings in Tiruchirappalli district of Tamilnadu, South India.

T.Francis Xavier, A.Auxilia, M.Kannan, A.Freeda Rose and SR.Senthilkumar

Int.J Current Microbiology and Applied Sciences 2(2013) 404-409

Efficacy of ethanolic leaves extract of *Moringa concanensis* Nimmo against *Streptococcus pyogenes* with reference to disc diffusion method.

R.Bhamadevi, SR.Senthilkumar and S.John Britto

Int.J Inventions in Pharmaceutical Sciences 1 (2013)44-48

Antibiogram profile of pathogenic fungi on *Seidenfia rheedii* leaf extracts.

T.Francis Xavier and SR.Senthilkumar

Int.J.Pharm Bio Sci.4 (2013)416-422

Identification of fungal endophytes from Orchidaceae members based on nrITS (Internal Transcribed Spacer) region.

J.Kasmir, SR.Senthilkumar, John Britto,S and L.Joelri Michael Raj

International Research Journal of Biotechnology. 2 (2012)139-144

Antibacterial and antioxidant activity of leaves of *Canavalia mollis* Wight&Arn ,  
S.Prabu, S.John Britto, P. Thangavel, L.Joelri Michael Raj and SR. Senthilkumar  
International Journal of Pharmaceutical Sciences and Research. 2 (2011) 95-101

Antibacterial and antioxidant activity of leaves of *Canavalia mollis* Wight&Arn , Prabu, S.  
S.John Britto, P.Thangavel, L. Joelri Michael Raj and SR.Senthilkumar  
International Journal of Pharmaceutical Sciences and Research. 2 (2011) 109-115

Antimicrobial activity of *Acanthephippium bicolor*, L.  
S.Kala, and SR.Senthilkumar  
Malaysian Journal of Microbiology 6 (2010) 140-148

A novel genomics approach for identification of therapeutic targets in *Leptospira interrogans*.  
S.Sudha, SR.Senthilkumar , S.John Britto, Paul Sharma, P.Manju and Mary Densilin 2010.  
Asian Jr.of Microbiol.Biotech.& Environment.Science.12(2010) 333-336

Antimicrobial efficacy of extracts from *Alpinia purpurara* (Vieill.)K.Schum against human  
pathogenic bacteria and fungi.  
KP.Kochuthressia, S.John Britto, M.O.Jaseentha, L.Joelri Michael Raj and SR.Senthilkumar  
Agriculture and Biology Journal of North America. 6(2010) 1249-1252 doi.10.5251

Antibacterial studies of *Vanda coerulea* Griff.ex Lindl- an *in vitro* approach  
R.Shanmugapriya, SR.Senthilkumar and S.John Britto  
Agriculture and Biology Journal of North America. 20(2009) 1-3

An evaluation of antibacterial activities of *Seidenfia rheedi* (Sw.) .  
T.Francis Xavier and SR.Senthilkumar  
African Journal of Biotechnology 8 (2009) 6608-6611

Cytochemistry and Cytophotometric determination of the nuclear content of *Gastrochillus acaulis* and *Bulbophyllum Kaitense*.  
SR. Senthilkumar  
Journal of Histochemistry Cytochemistry 52(2004) 64

Structure Elucidation of Peloton Lysis Using Epi-Fluorescence Dyes.  
SR. Senthilkumar 2004  
Malaysian Journal of Medical Sciences 59(2004) 218-219

Antibacterial activity of *Alangium salvifolium* leaf extracts.

SR. Senthilkumar, T. Francis Xavier and S. Natarajan

Journal of Tropical Medicinal Plants 4(2003) 9-14

Inhibition of *Aspergillus flavus* by *Tinospora cordifolia* (Willd.) Hook. F. & Thomson leaf extracts.

T. Francis Xavier, SR. Senthilkumar, A. Okoh and E. Natarajan

Science Focus 5(2003) 56-59

Antibacterial activity of *Malaxis rheedii* Sw. an ornamental orchid of Shevaroy region of Eastern Ghat's, S. India.

T. Francis Xavier, SR. Senthilkumar and A. Okoh

Science Focus 5(2003) 82-88

Sensitivity pattern of bacterial strains on the terrestrial orchid, *Calanthe triplicata* (Willemet) Ames. extracts: A Study *in vitro*.

S. John Britto and SR. Senthilkumar

J. Orchid Soc. India 16(2002) 19-23

Visualization of orchid mycorrhizal fungal structure with fluorescence dye using epifluorescence microscopy.

SR.Senthilkumar, K.V.Krishnamurthy, S. John Britto and D.I.Arockiasamy 2000

Current Science 79(2000)101-103

Histochemistry of Pelotonic and non-pelotonic hyphae of some orchids of India and Sri Lanka.

SR. Senthilkumar

XI International Congress on Histochemistry and Cytochemistry, (2000) 117

Nuclear changes in host cells colonised by orchid mycorrhizae.

SR. Senthilkumar, and K.V. Krishnamurthy

Beitrag Bur Biologie der Pflanzen. 71(1999)369-376

Distribution of zinc in various parts of *Sorghum bicolor* (L.) Moench seedlings in the presence of VAM fungi.

SR. Senthilkumar and D.I. Arockiasamy

Indian Journal of Microbiology 35(1995)185-188

## BOOK EDITED (S.John Britto and S.R.Senthilkumar)

✚ Diversity of Plants-A Molecular Approach,(2010)  
ISBN: 978-81-908503-0-8. The Rapinat Herbarium, Tiruchirappalli, India.

### NATIONAL CENTRE FOR BIOTECHNOLOGY INFORMATION GenBank Accession

#### 2013

- 1) *Elaeocarpus munroii* voucher RHT56110 trnL-trnF intergenic spacer, partial sequence: plastid GenBank KC244755.1; Locus JF244755 GI:448588497 - 250pb.
- 2) *Elaeocarpus* sp.voucher RHT56155 trnL-trnF intergenic spacer, partial sequence: plastid GenBank KC244756.1; Locus JF244756 GI:448588498 - 277pb.
- 3) *Strobilanthes* sp.RHT56162 trnL-trnF intergenic spacer, partial sequence: plastid GenBank KC244757.1; Locus JF244757 GI:448588499 - 355pb.
- 4) *Strobilanthes* sp.voucher RHT56163 trnL-trnF intergenic spacer, partial sequence: plastid GenBank KC244758.1; Locus JF244758 GI:448588500 - 358pb.
- 5) *Salacia* sp.voucher RHT56164 trnL-trnF intergenic spacer, partial sequence: plastid GenBank KC244759.1; Locus JF244759 GI:448588501 - 429pb.
- 6) *Morinda umbellata* .voucher RHT56175 trnL-trnF intergenic spacer, partial sequence: plastid GenBank KC244760.1; Locus JF244760 GI:448588502 - 293pb.
- 7) *Maytenus* sp.voucher RHT56176 trnL-trnF intergenic spacer, partial sequence: plastid GenBank KC244762.1; Locus JF244762 GI:448588504 - 398pb.
- 8) *Olex* sp.voucher RHT56178 trnL-trnF intergenic spacer, partial sequence: plastid GenBank KC244763.1; Locus JF244763 GI:448588505 - 361pb.
- 9) *Clausena* sp.voucher RHT56179 trnL-trnF intergenic spacer, partial sequence: plastid GenBank KC244764.1; Locus JF244764 GI:448588506 - 350pb.
- 10) *Lepisanthes senegalensis* .voucher RHT64916 trnL-trnF intergenic spacer, partial sequence: plastid GenBank KC244765.1; Locus JF244765 GI:448588507 - 333pb.
- 11) *Clausena* sp. voucher RHT64918 trnL-trnF intergenic spacer, partial sequence: plastid GenBank KC244766.1; Locus JF244766 GI:448588508 - 393pb.
- 12) *Celastrus paniculatus* voucher RHT56102A psbK-psbI intergenic spacer, partial sequence: chloroplast GenBank KC244739; Version KC244739.1 GI:448588432- 461pb.
- 13) *Celastrus paniculatus* voucher RHT56130A psbK-psbI intergenic spacer, partial sequence: chloroplast GenBank KC244740; Version KC244740.1 GI:448588433- 463pb.
- 14) *Celastrus paniculatus* voucher RHT56167 psbK-psbI intergenic spacer, partial sequence: chloroplast GenBank KC244741; Version KC244741.1 GI:448588434- 462pb.
- 15) *Celastrus paniculatus* voucher RHT56167A psbK-psbI intergenic spacer, partial sequence: chloroplast GenBank KC244742; Version KC244742.1 GI:448588435- 462pb.
- 16) *Celastrus paniculatus* voucher RHT56168 psbK-psbI intergenic spacer, partial sequence: chloroplast GenBank KC244743; Version KC244743.1 GI:448588436- 464pb.
- 17) *Celastrus paniculatus* voucher RHT56169 psbK-psbI intergenic spacer, partial sequence: chloroplast GenBank KC244744; Version KC244744.1 GI:448588437- 462pb.
- 18) *Celastrus paniculatus* voucher RHT64912 psbK-psbI intergenic spacer, partial sequence: chloroplast GenBank KC244745; Version KC244745.1 GI:448588438- 462pb.

- 19) *Celastrus paniculatus* voucher RHT64913 psbK-psbI intergenic spacer, partial sequence: chloroplast GenBank KC244746; Version KC244746.1 GI:448588439- 462pb.
- 20) *Celastrus paniculatus* voucher RHT56102A trnL-trnF intergenic spacer, partial sequence: chloroplast GenBank KC244747; Version KC244747.1 GI:448588461- 357pb.
- 21) *Celastrus paniculatus* voucher RHT56130 trnL-trnF intergenic spacer, partial sequence: chloroplast GenBank KC244748; Version KC244748.1 GI:448588462- 359pb.
- 22) *Celastrus paniculatus* voucher RHT56167 trnL-trnF intergenic spacer, partial sequence: chloroplast GenBank KC244749; Version KC244749.1 GI:4485884623 - 360pb
- 23) *Celastrus paniculatus* voucher RHT56167A trnL-trnF intergenic spacer, partial sequence: chloroplast GenBank KC244750; Version KC244750.1 GI:448588464- 353pb
- 24) *Celastrus paniculatus* voucher RHT56169 trnL-trnF intergenic spacer, partial sequence: chloroplast GenBank KC244752; Version KC244752.1 GI:448588466- 354pb
- 25) *Celastrus paniculatus* voucher RHT64912 trnL-trnF intergenic spacer, partial sequence: chloroplast GenBank KC244753; Version KC244753.1 GI:448588467- 360pb
- 26) *Celastrus paniculatus* voucher RHT64913 trnL-trnF intergenic spacer, partial sequence: chloroplast GenBank KC244754; Version KC244754.1 GI:448588468- 357pb
- 27) *Alstonia venenata* voucher RHT56089 trnL-trnF intergenic spacer, partial sequence: chloroplast GenBank KC244732; Version KC244732.1 GI:448588401- 408pb
- 28) *Alstonia venenata* voucher RHT56091 trnL-trnF intergenic spacer, partial sequence: chloroplast GenBank KC244733; Version KC244733.1 GI:448588402- 389pb
- 29) *Alstonia venenata* voucher RHT56112 trnL-trnF intergenic spacer, partial sequence: chloroplast GenBank KC244734; Version KC244734.1 GI:448588403- 389pb
- 30) *Alstonia venenata* voucher RHT56113 trnL-trnF intergenic spacer, partial sequence: chloroplast GenBank KC244735; Version KC244735.1 GI:448588404- 389pb
- 31) *Alstonia venenata* voucher RHT56123 trnL-trnF intergenic spacer, partial sequence: chloroplast GenBank KC244736; Version KC244736.1 GI:448588405- 389pb
- 32) *Alstonia venenata* voucher RHT56177 trnL-trnF intergenic spacer, partial sequence: chloroplast GenBank KC244737; Version KC244737.1 GI:448588406- 408pb
- 33) *Alstonia venenata* voucher RHT64919 trnL-trnF intergenic spacer, partial sequence: chloroplast GenBank KC244738; Version KC244738.1 GI:448588407- 398pb
- 34) Unverified: *Alstonia venenata* voucher RHT56089 psbK-psbI intergenic spacer, partial sequence: chloroplast GenBank KC244725; Version KC244725.1 GI:448588346- 237pb
- 35) Unverified: *Alstonia venenata* voucher RHT56091 psbK-psbI intergenic spacer, partial sequence: chloroplast GenBank KC244726; Version KC244726.1 GI:448588347- 237pb
- 36) Unverified: *Alstonia venenata* voucher RHT56112 psbK-psbI intergenic spacer, partial sequence: chloroplast GenBank KC244727; Version KC244727.1 GI:448588348- 236pb
- 37) Unverified: *Alstonia venenata* voucher RHT56113 psbK-psbI intergenic spacer, partial sequence: chloroplast GenBank KC244728; Version KC244728.1 GI:448588349- 237pb
- 38) Unverified: *Alstonia venenata* voucher RHT56123 psbK-psbI intergenic spacer, partial sequence: chloroplast GenBank KC244729; Version KC244729.1 GI:448588350- 237pb
- 39) Unverified: *Alstonia venenata* voucher RHT56177 psbK-psbI intergenic spacer, partial sequence: chloroplast GenBank KC244730; Version KC244730.1 GI:448588351- 237pb
- 40) Unverified: *Alstonia venenata* voucher RHT64919 psbK-psbI intergenic spacer, partial sequence: chloroplast GenBank KC244731; Version KC244731.1 GI:448588352- 236pb

**2011**

- 1) *Morinda citrifolia* var. *citrifolia* voucher RHT56006 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank JF437607.1; Locus JF437607 GI:326369283 -386pb.
- 2) *Buchanania axillaris* voucher RHT56087 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank JF437608.1; Locus JF437608 GI:326369284- 380pb.
- 3) *Alstonia venenata* voucher RHT56090 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank JF437609.1; Locus JF437609 GI:326369285 -354pb.
- 4) *Nothapodytes nimmoniana* voucher RHT56096 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank JF437610.1; Locus JF437610 GI:326369286- 386pb.
- 5) *Toddalia asiatica* voucher RHT56097 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank JF437611.1; Locus JF437611 GI:326369287- 347pb.
- 6) *Elaeocarpus recurvatus* voucher RHT56114 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank JF437612.1; Locus JF437612 GI:326369288- 354pb.
- 7) *Elaeocarpus recurvatus* voucher RHT56125 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank JF437613.1; Locus JF437613 GI:326369289- 363pb.
- 8) *Liparis nervosa* voucher RHT56138 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank JF437614.1; Locus JF437614 GI:326369290- 394pb.
- 9) *Crotalaria mysorensis* voucher RHT56057 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank JF304304; version F304304.1 GI:323650770- 339pb.
- 10) *Crotalaria walker* voucher RHT56061 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank JF304305; version F304305.1 GI:323650771- 357pb
- 11) *Crotalaria weightiana* voucher RHT56062 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank JF304306; version F304306.1 GI:323650772- 367pb
- 12) *Crotalaria lunata* voucher RHT56066 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank JF304307; version F304307.1 GI:323650773- 335pb
- 13) *Crotalaria pulchra* voucher RHT56068 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank JF304308; version F304308.1 GI:323650774- 353pb
- 14) *Crotalaria juncea* voucher RHT56071 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank JF304309; version F304309.1 GI:323650775- 332pb
- 15) *Crotalaria verrucosa* voucher RHT56076 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank JF304310; version F304310.1 GI:323650776- 339pb
- 16) *Crotalaria grahamiana* voucher RHT56077 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank JF304311; version F304311.1 GI:323650777- 337pb
- 17) *Crotalaria juncea* voucher RHT56079 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank JF304312; version F304312.1 GI:323650778- 332pb
- 18) *Celastrus paniculatus* voucher RHT56086 tRNA-Leu (trnL)gene, partial sequence;trnL-trnF intergenic spacer, complete sequence; andtRNA-Phe (trnF)gene,Partial sequence GenBank JF297590; version JF297590 .1 GI:325930165- 404pb
- 19) *Celastrus paniculatus* subsp. *paniculatus* voucher RHT56098 tRNA-Leu (trnL)gene, partial sequence;trnL-trnF intergenic spacer, complete sequence; andtRNA-Phe (trnF)gene,Partial sequence GenBank JF297591; version JF297591.1 GI:325930165- 404pb
- 20) *Celastrus paniculatus* subsp. *paniculatus* voucher RHT56099 tRNA-Leu (trnL)gene, partial sequence;trnL-trnF intergenic spacer, complete sequence; andtRNA-Phe (trnF)gene,Partial sequence GenBank JF297592; version JF297592.1 GI:325930167- 404pb

- 21) *Celastrus paniculatus* subsp.*paniculatus* voucher RHT56102 tRNA-Leu (trnL)gene, partial sequence;trnL-trnF intergenic spacer, complete sequence; andtRNA-Phe (trnF)gene,Partial sequence GenBank JF297593; version JF297593.1 GI:325930168-404pb
- 22) *Celastrus paniculatus* subsp.*paniculatus* voucher RHT56118 tRNA-Leu (trnL)gene, partial sequence;trnL-trnF intergenic spacer, complete sequence; andtRNA-Phe (trnF)gene,Partial sequence GenBank JF297594; version JF297594.1 GI:325930169-404pb
- 23) *Celastrus paniculatus* subsp.*paniculatus* voucher RHT56130 tRNA-Leu (trnL)gene, partial sequence;trnL-trnF intergenic spacer, complete sequence; andtRNA-Phe (trnF)gene,Partial sequence GenBank JF297595; version JF297595.1 GI:325930170-404pb

## 2010

- 1) *Crotalaria medicaginea* voucher RHT56058 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank HM:996994 version HM:996994.1 GI:307828980-421pb
- 2) *Crotalaria grahamiana* voucher RHT56059 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank HM:996995 version HM:996995.1 GI:307828981-394pb
- 3) *Crotalaria spectabilis* voucher RHT56064 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank HM:208335 version HM: 208335.1 GI:299810234 - 322pb
- 4) *Crotalaria lunata* voucher RHT56060 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank HM:208336 version HM: 208336.1 GI:299810234 - 346pb
- 5) *Crotalaria mysorensis* voucher RHT56067 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank HM:996996 version HM:996996.1 GI:307828982- 387pb
- 6) *Crotalaria madurensis* voucher RHT56070 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank HM:996997 version HM:996997.1 GI:307828983- 392pb
- 7) *Crotalaria pallida* var.*obovata* voucher RHT56073 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank HM:996998 version HM:996998.1 GI:307828984-425pb
- 8) *Crotalaria verrucosa* voucher RHT56074 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank HM:996999 version HM:996999.1 GI:307828985- 393pb
- 9) *Crotalaria retusa* voucher RHT56075 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank HM:997000 version HM: 997000.1 GI:307828986- 400pb
- 10) *Canavalia mollis* voucher RHTCM04 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank HM:587710 version HM: 587710.1 GI:299891117 - 339pb
- 11) *Canavalia rosea* voucher RHTCR06 trnL-trnF intergenic spacer, partial sequence: chloroplast. GenBank HM:587711 version HM: 587711.1 GI:299891118 - 343pb

**2009**

- 1) *Aspergillus fumigates* strain RHTCRE02 28 ribosomal RNA gene, partial sequence: GenBank GQ482977; Version GQ482977.1 GI:259130521 - 590pb
- 2) *Aspergillus terreus* strain SJCFBKe01, internal transcribed spacer1,5.8S ribosomal RNA gene and internal transcribed spacer2; ribosomal RNA gene, partial sequence. GenBank GU564260; Version GU564260 - 546pb
- 3) *Aspergillus terreus* strain SJCFBKe02, internal transcribed spacer1,5.8S ribosomal RNA gene and internal transcribed spacer2; ribosomal RNA gene, partial sequence. GenBank GU564261; Version GU564261 - 539pb
- 4) *Penicillium aculeatum* isolate RHTFDNe01, internal transcribed spacer1,5.8S ribosomal RNA gene and internal transcribed spacer2; ribosomal RNA gene, partial sequence. GenBank GU564262; Version GU564262 - 500pb
- 5) *Aspergillus terreus* strain SJCFBKe03, internal transcribed spacer1,5.8S ribosomal RNA gene and internal transcribed spacer2; ribosomal RNA gene, partial sequence. GenBank GU564263; Version GU564263 - 543pb

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