



1. **Name :** Dr. S. R. Joshi FNASc
2. **Designation :** Professor
3. **Department :** Department of Biotechnology & Bioinformatics
North Eastern Hill University
Mawkynroh, Umshing, Shillong-793022
Meghalaya INDIA
4. **Email :** srjoshi2006@yahoo.co.in ; srjoshi2006@gmail.com ; srjoshi@nehu.ac.in
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7. **Qualifications :** M.Sc., Ph.D
Bachelor of Education (B.Ed),
Post Graduate Diploma in Computer Applications (PGDCA)
8. **Areas of Interest/Specialization :** Microbiology
9. **Experience :**
 - ❖ Lecturer, Department of Botany, St. Anthony's College, Shillong (Feb 1989- May 1995)
 - ❖ Head, Departments of Biotechnology, St. Anthony's College, Shillong (June 1995-May 2003)
 - ❖ Head, Department of Biochemistry, St. Anthony's College, Shillong (Feb 1998-May 2003)
 - ❖ Lecturer, Centre for Science Education, North-Eastern Hill University, Shillong (May 2003 –Nov 2005)
 - ❖ Lecturer, Department of Biotechnology & Bioinformatics, North-Eastern Hill University, Mawkynroh, Umshing, Shillong-793022, Meghalaya INDIA (Dec 2005- Dec 2006)
 - ❖ Reader, Department of Biotechnology & Bioinformatics, North-Eastern Hill University, Mawkynroh, Umshing, Shillong-793022, Meghalaya INDIA (Dec 2006- Dec 2009).
 - ❖ Associate Professor, Department of Biotechnology & Bioinformatics, North-Eastern Hill University, Mawkynroh, Umshing, Shillong-793022, Meghalaya INDIA (Dec 2009- Dec 2012).
 - ❖ Professor, Department of Biotechnology & Bioinformatics, North-Eastern Hill University, Mawkynroh, Umshing, Shillong-793022, Meghalaya INDIA (Dec 2012- till date).
 - ❖ Head, Department of Biotechnology & Bioinformatics, North-Eastern Hill University, Mawkynroh, Umshing, Shillong-793022, Meghalaya INDIA (Feb 2021- Feb 2024)
 - ❖ Registrar (In-Charge), North-Eastern Hill University, Shillong , Meghalaya (Aug 2023- Jan 2024)
 - ❖ Director, Research & Development Cell, North-Eastern Hill University, Shillong (Dec 2023- till date)
10. **Awards :**
 - 🏆 Gold Medalist in B.Sc (Botany-Hons) Examination under NEHU.
 - 🏆 Gold Medalist in M.Sc (Botany) Examination under NEHU.
 - 🏆 Gold medalist in B.Ed Examination under NEHU.
 - 🏆 Best Graduate of North-Eastern Hill University (1985-86)
 - 🏆 Merit Prize winner of NEHU for B.Sc Examination.
 - 🏆 Merit Prize winner of NEHU for M.Sc Examination.
 - 🏆 Merit Prize winner of Meghalaya Science Society for B.Sc Examination.

- ✚ Merit Prize winner of Meghalaya Science Society for M.Sc Examination.
- ✚ Merit Prize awarded by Jawaharlal Nehru Memorial Trust, New Delhi, for B.Sc Examination.
- ✚ Merit Prize awarded by Jawaharlal Nehru Memorial Trust, New Delhi, for M.Sc Examination.
- ✚ Merit Prize winner of NEHU for B.Ed Examination.
- ✚ Recipient of Post-Matric Scholarship of Govt. of Meghalaya
- ✚ Recipient of Post-Graduate Scholarship of NEHU.
- ✚ Recipient of National Merit Scholarship of Ministry of Human Resource Development, Govt. of India, New Delhi.

Recognitions:

- ◆ Felicitated by the then Prime Minister of India (Late Rajiv Gandhi) for topping in Graduate Level examination of NEHU, 1986.
- ◆ Topper in the course for NCC officer in Officer Training School, Kamptee, 1997 and awarded All India Best Officer Cadet by NCC Directorate, New Delhi.
- ◆ Received Felicitations Award and Certificate of Appreciation by St. Anthony's College in 1999, for outstanding teaching and involvement in extra-curricular activities.
- ◆ Felicitated by NSS Cell of North-Eastern Hill University in 1994 for valuable contributions and services to NSS related activities.
- ◆ Awarded the best speaker trophy by ISRO for the presentation on “Role of Space Science and Technology in Science Journalism: Science communicators in the new age” at the Science Communicators Meet during 97th Indian Science Congress at University of Kerala, Trivandrum
- ◆ Awarded Dr. Ambedkar Fellowship National Award 2009 by Bharatiya Dalit Sahitya Akademi for literary and social services rendered for upliftment of less fortunate by way of writing books for School curriculum in vernacular language.

11. Extramural Research Projects: Completed- 21; Ongoing-3

12. M.Sc Dissertation Guided: 72

13. National Academies (NASI-INSIA-IAS) Fellowship Scholars Mentored: 12

14. Ph.D. Supervised and Awarded: 30

Sl. No	Name of Ph.D. Mentee	P.G Degree
1	Dr. Ranjan K. Bhagobaty	M.Sc. (Agri.)-Aligarh Muslim University
2	Dr. Rakshak Kumar	M.Sc. Biotechnology- Madras University
3	Dr. Sharmila Thokchom	M.Sc. (Microbiology)- Madras University M.Phil -Bharathidasan University
4	Dr. Barnali Sharma	M.Sc. Biotechnology- Gauhati University

5	Dr. Purabi Saikia	M.Sc. Biotechnology- Gauhati University
6	Dr. George F. Rapsang	M.Sc. Biotechnology-North-Eastern Hill University
7	Dr. Khedarani Koijam	M.Sc. Microbiology-Mangalore University
8	Dr. Lamabam S Devi	M.Sc. Microbiology- HNB Garhwal University
9	Dr. Polashree Khaund	M.Sc. Biotechnology-Nagpur University
10	Dr. Nathaniel A. Lyngwi	M.Sc. Biotechnology-North-Eastern Hill University
11	Dr. Archana Nath	M.V.Sc. -Assam Agricultural University
12	Dr. Subhro Banerjee	M.Sc. Microbiology- Jiwaji University, Gwalior
13	Dr. Fenella M W. Nongkhaw	M.Sc. Biotechnology-North-Eastern Hill University
14	Dr. Archana Ojha (Joint Supervisor)	M.Sc. Microbiology- Lucknow University
15	Dr. Kaushik Bhattacharjee	M.Sc. Microbiology- Dr. MGR University, Chennai
16	Dr. H. Romola Devi (Joint Supervisor)	M.Sc . Microbiology- Bangalore University
17	Dr. Koel Biswas	M.Sc. Biotechnology- North-Eastern Hill University
18	Dr. Debajit Kalita	M.Sc. Applied Microbiology- Bangalore University
19	Dr. Madhusmita Borthakur	M.Sc. Biotechnology- VIT Vellore
20	Dr. Aishiki Banerjee	M.Sc. Microbiology- VIT Vellore
21	Dr. Susmita Paul	M.Sc. Biotechnology- Bangalore University
22	Dr. Donald A. Bareh	M.Sc. Biotechnology- North-Eastern Hill University
23	Dr. Lily Shylla	M.Sc. Biotechnology- North-Eastern Hill University
24	Dr. Augustine Lamin Ka-Ot	M.Sc. Microbiology- Sikkim University
25	Ms. Upashna Chettri	M.Sc. Microbiology- North Bengal University
26	Mr. Welfareson Khongriah	M.Sc Microbiology, Pondicherry University
27	Ms. Nirmal Akoijam	M.Sc Biotechnology, - North-Eastern Hill University
28	Mr. Stevenson Thabah	M.Sc Biotechnology, - North-Eastern Hill University
29	Mr. Aawaz K. Rai	M.Sc Microbiology, North Bengal University
30	Mr. Bishal Pun	M.Sc Biotechnology, North_eastern Hill University

Research Team

1.	Ms. Debaraty Chakraborty	M.Sc. Biotechnology- SGRITS, Dehradun, Uttarakhand
2.	Mr. Arigo W. Sangma	M.Sc Biotechnology- Mizoram University
3.	Mr. Vishal Kumar Mohan	M.Sc Microbiology- Punjabi University, Patiala
4.	Ms. Sheetal Joshi	M.Sc Biotechnology- North-Eastern Hill University
5.	Ms. Piyali Das	M.Sc Biotechnology- North-Eastern Hill University
6.	Ms. Deihaphishisha Kharpran	M.Sc Biotechnology- North-Eastern Hill University
7.	Ms. Ledakani Pastieh	M.Sc Biotechnology- North-Eastern Hill University
8.	Mr. Pynskhemlang Rani	M.Sc Biotechnology- North-Eastern Hill University

15. Administrative responsibilities:

- Member, Board of School of Life Sciences, NEHU, Shillong
- Member, School Board of Physical Sciences. NEHU, Shillong
- Member, Institutional Biosafety Committee, Mizoram University, Mizoram
- Member, Institutional Biosafety Committee, NEHU, Shillong
- Member, Board of Studies, Biotechnology & Bioinformatics, NEHU, Shillong
- Advisory member, IQAC, St. Anthony's College, Shillong
- Advisory Member, Star College Scheme, St. Edmund's College, Shillong
- Advisory Member, Star College Scheme, St. Mary's College, Shillong
- Advisory Member, Star College Scheme, Lady Keane College, Shillong
- Deputy Coordinator, UGC-SAP Scheme, Biotechnology & Bioinformatics, NEHU, Shillong
- Coordinator, DST-FIST Programme, Biotechnology & Bioinformatics, NEHU, Shillong
- Task Force Member, DST-SERB, Govt of India
- Secretary, North East Region Local Chapter, The National Academy of Sciences, India (NASI), Allahabad
- Editor, The NEHU Journal, NEHU, Shillong (2018-2021).
- Member, Board of Post Graduate Studies in Botany, Nagaland University, Lumami, Nagaland
- Member, Scientific Advisory Committee, National Agri-Food Biotechnology Institute (NABI), Mohali
- Member, Scientific Advisory Committee, Centre for Innovative and Applied Bioprocessing (CIAB), Mohali
- Member of Governing Body, National Agri-Food Biotechnology Institute (NABI), Mohali
- Member of Governing Body, Centre for Innovative and Applied Bioprocessing, Mohali
- Member, State Steering Committee for SCF- School Education & SCF-ECCE, Govt. of Meghalaya
- Member, NEIGRIHMS Scientific Advisory Committee (NSAC), NEIGRIHMS Shillong.
- Member, Academic Expert, Advisory Committee of Department of Molecular Biology & Biotechnology, Tezpur University, Assam.

- Member, Scientific Advisory Committee, NIT Arunchal Pradesh.
- Coordinator, DBT M.Sc Support Programme, Department of Biotechnology & Bioinformatics, NEHU, Shillong.
- Chairman, Board of Studies, North Eastern Institute of Ayurveda & Homoeopathy (NEIAH), Shillong.
- Chairman, NIRF Committee, NEHU, Shillong (2021-till date).
- Member, Institutional Ethics Committee for Human Samples/Participants(IECHSP) (2022-2025)
- Member, Editorial Board, Annual Report, NEHU, Shillong (2020- till date).
- Member, NAAC Committee, NEHU, Shillong.
- Member, Institutionalization of Corpus Fund, NEHU, Shillong
- Member, Board of Management, Deen Dayal Upadhyay Community College, Wahiajer, Meghalaya.
- Member, Board of Research Studies, Mizoram University(2021-2027).
- Member, Planning Committee, NEHU, Shillong.
- Member, Governing Body, College of Nursing Dr. H. Gordon Roberts Hospital, Shillong.
- Member, Board of Studies in Microbiology, NEHU, Shillong (2021-2024)
- Chairman, Board of Studies in Biotechnology, NEHU, Shillong (2021-2024)
- Member, Board of Studies in Botany, Nagaland University, Nagaland (2022-25)
- Member, Board of Studies in Zoology, Sikkim University, Sikkim (2023-26).
- Member, Institutional Ethics Committee Pasteur Institute, Govt of Meghalaya (2023-2028)
- Registrar (In-Charge), North-Eastern Hill University, Shillong , Meghalaya (Aug 2023- Jan 2024)
- Director, Research & Development Cell, North-Eastern Hill University, Shillong (Dec 2023- till date)
- Department of Biotechnology, Govt of India Nominee to Institutional Bioethics Committee, Gauhati University
- Department of Biotechnology, Govt of India Nominee to Institutional Bioethics Committee, Gauhati University
- Co-Chair, ANRF Committee, Department of Science & Technology, Govt of India.
- Member, North Eastern Hill University, Annual Report Committee Since 2023.
- Member, School Board of Physical Sciences, NEHU, Shillong
- Member, School Board of Life Sciences, NEHU, Shillong
- Member, Board of Studies in Biomedical Engineering, NEHU, Shillong
- Central Council Member, Association of Microbiologists of India

16. Academic Fellowships:

- Fellow, The National Academy of Sciences, India (NASI)
- Member, Indian Society of Analytical Scientists
- Member, Association of Microbiologists of India
- Member, Biotech Research Society of India
- Member, Mycological Society of India
- Member, DNA Society of India

- Member, Indian Botanical Society

17. Academic Grants Received

- Indian Council of Medical Research (ICMR), Govt. of India Travel Grant to Maastricht, The Netherlands (2015)
- Department of Science & Technology, SERB, Govt. of India Travel Grant to visit Boston, USA (2016)
- Centre for International Co-operation in Science (CICS-INSa) Travel Grant to Maastricht, The Netherlands (2015)
- Department of Biotechnology Overseas Fellowship to visit The University of Hawaii at Manoa, USA (2015-2016)

18. Collaboration/Mentor-Consultancy :

- ❖ Prof. A. Chattopadhyaya, Viswa Bharati University, Santiniketan, West Bengal
- ❖ Prof. G. Haldar, National Institute of Technology, Durgapur, West Bengal
- ❖ Dr. Kiran K., National Agri-Biotechnology Institute, Mohali
- ❖ Prof. K. Chopra, Panjab University, Mohali
- ❖ Dr. C. Acharya, Bhabha Atomic Research Centre, BARC, Mumbai
- ❖ Dr. A. Bezbaruah, North Dakota State University, USA
- ❖ Prof. T.S. Basu Baul, Department of Chemistry, NEHU, Shillong
- ❖ Prof. S. Mitra, Department of Chemistry, NEHU, Shillong
- ❖ Prof. K.M. Rao, Department of Chemistry, NEHU, Shillong
- ❖ Prof. B. Myrboh, Department of Chemistry, NEHU, Shillong
- ❖ Dr. R.L. Nongkhlaw, Department of Chemistry, NEHU, Shillong
- ❖ Prof. SB Prasad, Department of Zoology, NEHU, Shillong
- ❖ Prof. M.S. Dkhar, Department of Botany, NEHU, Shillong
- ❖ Prof. S.K. Barik, Director, CSIR-NBRI, Lucknow
- ❖ Mentor for a start-up company M/s Caliche, Incubated at IIT Guwahati, Assam.
- ❖ Prof. H.S. Gehlot /Dr. Nisha Tak, JNV University, Jodhpur, Rajasthan
- ❖ Prof. P.R. Gajurel, NERIST, Arunachal Pradesh
- ❖ Prof. P Pandey, Assam University, Silchar, Assam
- ❖ Dr. Panna Das, Tripura University, Tripura
- ❖ Dr. Indira Devi, IBSD-Imphal, Manipur
- ❖ Prof. Madhumita Barooah, Assam Agricultural University, Jorhat, Assam
- ❖ Prof. R. K. Duary, Banaras Hindu University, Varanasi
- ❖ Prof. G. Goel, Central University of Haryana
- ❖ Prof. A.K. Rai, University of Delhi
- ❖ Prof. A. Das, The Royal Global University, Assam
- ❖ Dr. P. Halami, CFTRI, Mysore
- ❖ Prof. Nirmala Chongtham, Panjab University
- ❖ Dr. M. Khan, IASST, Guwahati
- ❖ Dr.P. Azhagu Saravana Babu, Vel Tech Rangarajan Dr Sagunthala R & D Institute of Science and Technology, Tamilnadu.
- ❖ Dr. H. J. Mahanta, NEIST, Jorhat
- ❖ Dr. A. Chiang, MBDA, Govt of Meghalaya

Publications:

Research Publications: (180)

1. Kongwang, M., Nongkhlaw, R., Kumari, J., Sriram, D., Mohan, V.K., **Joshi, S.R.**, Velusamy, M., Nongrum, R. (2026) A green and expedient synthesis of [1, 3] oxazine derivatives and their biological evaluation as a potent anti-tubercular and anti-microbial agent. *Bioorganic Chemistry*. Doi: <https://doi.org/10.1016/j.bioorg.2026.110317>.
2. Mohan, V.K. and **Joshi, S.R.** (2026) Single spore propagation of native arbuscular mycorrhizal fungi associated with Khasi mandarin and their symbiotic efficacy in maize. **Brazilian Journal of Microbiology**. DOI :10.1007/s42770-026-02041-4.
3. Pun, B. and **Joshi, S.R.** (2026) Bioactivity and biosynthetic insights into *Penicillium brefeldianum* BPSRJ7, an endophyte associated with the ethnomedicinal orchid *Dendrobium chrysotoxum* lindl. **Folia Microbiologica**. Doi: <https://doi.org/10.1007/s12223-026-01537-8>.
4. Mohan, V. K., Joshi, S. and **Joshi, S.R.** (2026) Synergistic effect of *Rhizophagus irregularis* and its associated bacteria on the growth of maize and Khasi mandarin. **World Journal of Microbiology and Biotechnology**. Dot: <https://doi.org/10.1007/s11274-026-05098-3>.
5. Ka-ot A.L., Nongkhlaw M., Addepalli M.R., Kumar, R. and **Joshi, S.R.** (2026) Insights into the bioremediation potential of native Bacillus isolates and their consortia against Iron, Cadmium and Chromium at pH 5.0. **Scientific Reports**. <https://doi.org/10.1038/s41598-026-49136-4>.
6. Rana, A., Bhandari, S., Shah, A., Rai, A.K., Panda, D., **Joshi, S.R.**, Peta, K.R. and Choudhury, H. (2026) Environmentally sustainable green synthesis of silver nanoparticles using *Ophiorrhiza oppositiflora* Hook.f. callus as an alternative to conventional plant material. **Nanotechnology for Environmental Engineering**. Doi: <https://doi.org/10.1007/s41204-026-00535-y>
7. Mohan, V.K., Joshi, S., Barik.S.K. and **Joshi, S.R.** (2026) Identification and characterization of *Poitrasia circinans* and *Neoscirrhia matteucciicola* associated with ginger in Meghalaya, India. **Discover Plants**. **3**, 31. <https://doi.org/10.1007/s44372-026-00499-y>
8. Rynjah, D., Lamare, D.W., Pun, B., Roy, J.D., **Joshi, S.R.** and Chaurasia, N. (2026) Exploring antimicrobial activity of *Neowestiellopsis persica* metabolites through *in vitro* and *in silico* approach. **Current Microbiology**, 83:134 <https://doi.org/10.1007/s00284-025-04639-7>.
9. Chettri, U., Das, S., Chakrabarty, T.K. and **Joshi S.R.** (2026). Impact of spatio-temporal variations and altitudinal gradient on bacterial dynamics along the Eastern Himalayan river Teesta. **Frontiers in Water**, 7:1755117. doi: 10.3389/frwa.2025.1755117.

10. Akoijam, N. and **Joshi, S. R** (2025) Evaluation of arsenic-tolerant plant growth-promoting rhizobacteria from Manipur for mitigating arsenic translocation and enhancing growth in rice (*Oryza sativa*). *Scientific Reports*. <https://doi.org/10.1038/s41598-025-30386-7>.
11. Thakur, A., Chakravarty, D. and **Joshi, S.R.** (2024) Assessment of bacterial aeroflora in urban settings at different times of a day. **The NEHU Journal**, XXII (1&2), 90-109.
12. **Joshi, S.R.** and Bhattacharjee K. (2025) Purification and characterization of antimicrobial peptide from an epilithic bacterium *Streptomyces* sp. AL50 with activity against biofilm forming coagulase-negative Staphylococci. **Current Microbiology**, 82:407 Doi: <https://doi.org/10.1007/s00284-025-04407-7>.
13. Lamare, D.W., Pun, B., **Joshi, S.R.** and Chaurasia, N. (2025) *In-vitro* bioactivity and preliminary phytochemical screening unveil the antimicrobial and nutritional potential of microalgae. **Environmental Science Archives**, 2: 456-473. DOI: 10.5281/zenodo.15782625
14. Upadhyaya, J., Singh, I. R., Pun, B., Baishya, H.J., Kumar, S., **Joshi, S.R.**, Mitra, S. (2025) Therapeutic advantages of nanoparticle-impregnated lysozyme conjugates toward amyloid-fibrillation and antimicrobial activity. **The Journal of Physical Chemistry**. Doi: doi.org/10.1021/acs.jpcc.4c07261
15. Sawkmie, M., Soh, C. Sangma, A.R., **Joshi, S.R.**, Kaminsky, W., Kollipara, M.R. (2025) Potent antimicrobial, antifungal, and antioxidant properties of ruthenium, rhodium, and iridium complexes with hydrazinyl-thiazolyl coumarin derivatives targeting *Klebsiella pneumoniae*, *Candida albicans*, and *Fusarium solani*. **Journal of Molecular Structure**, 1325: 141020
16. Thabab, S. and **Joshi, S.R.** (2024) Performance evaluation of native plant growth-promoting bacteria associated with organic tea plantations for development of bioinoculants for crop plants. **Current Microbiology**, 81:444. DOI: 10.1007/s00284-024-03962-9 .
17. Paul, P., Goswami, M., Chakravarty, D., Joshi, S., **Joshi, S. R.** and Nongkhlaw, R. (2024) Microwave-assisted synthesis of spiro heterocyclic scaffolds using graphite oxide as a heterogeneous carbocatalyst and study of their anti-microbial activities. **ChemistrySelect**. <https://doi.org/10.1002/slct.202402637>.
18. Targu, M., Pun, B., Arora, M., **Joshi, S.R.** and Kumaria, S. (2024) Evaluation of bioactive compounds, antioxidant and antimicrobial properties of *Bulbophyllum griffithii* (Lindl.) Rchb.f., an unexplored rare orchid of therapeutic importance. **South African Journal of Botany**, 174: 283- 306
19. Rai, A.K. and **Joshi, S.R.** (2024) Probiotic lactic acid bacteria from *Aduwa ko Jaanr*, a lesser-known fermented ginger beverage from eastern Himalayan region. **Journal of Microbiology, Biotechnology and Food Sciences**, e10523. <https://doi.org/10.55251/jmbfs.10523>.

20. Das, M., Hynniewta, B.C. and **Joshi, S.R.** (2024) Bacterial contamination and antibiotic susceptibility profile of *Susscrofa domesticus* semen. **Journal of Livestock Science**, 15: 249-254. doi. 10.33259/JLivestSci.2024.249-254.
21. Pun, B. and Joshi, S.R. (2024) Bioprospection unveils the bioactive potential of *Colletotrichum taiwanense* BPSRJ3, an endophytic fungus of an ethnomedicinal orchid, *Vanda cristata* Wall. Ex Lindl. **Systems Microbiology and Biomanufacturing**. DOI : 10.1007/s43393-024-00276-6.
22. 157. Rai, A. K. and **Joshi, S.R.** (2024) Ethnic study of *Aduwa ko Jaanr*, a lesser-known fermented ginger mild alcoholic beverage of eastern Himalayas. **International Journal of Pharmacy and Pharmaceutical Sciences**, 16(7). 48-49. doi:10.22159/ijpps.2024v16i7.51116.
23. 156. Matta1, T., Bhatia, R., **Joshi, S.R.**, Bishnoi, M., Chopra, K. and Kondepudi, K.K. (2024) GABA synthesizing lactic acid bacteria and genomic analysis of *Levilactobacillus brevis* LAB6. **3 Biotech**, 14:62, <https://doi.org/10.1007/s13205-024-03918-7>
24. 155. Chettri, U and Joshi, S.R. (2023) Changing ecosystem of a Himalayan river: A case of microbial dynamics and their behaviour along altitudinal gradient of Teesta river in Eastern Himalayan range. **ENVIS Himalayan Ecology**, 33:55-59.
25. 154. Khongriah, W., Maurya, R.,Kanthi Kiran Kondepudi, K.K. and **Joshi, S.R.** (2023) Probiotic Properties and Anti-inflammatory Activity of *Bacillus* spp. Isolated from Ethnically Fermented Soybean. **Journal of Pure and Applied Microbiology**.17(4):2525-2535. doi: 10.22207/JPAM.17.4.50
26. Paul, S., Bhagobaty, R.K., Nihalani, M.C. and **Joshi, S.R.** (2023) Screening of biohydrogen producing endophytic fungi from biodiesel plants. **CLEAN - Soil, Air, Water**. DOI: 0.1002/clen.202300150
27. Chettri, U., Nongkhlaw, M. and **Joshi, S.R.** (2023) Molecular evidence for the occurrence of heavy metal and antibiotic resistance genes among predominant metal tolerant *Pseudomonas* sp. and *Serratia* sp. prevalent in Teesta River. **Current Microbiology**. DOI: 10.1007/s00284-023-03334-9
28. Akoijam, N. and **Joshi, S.R.** (2023) Bioprospecting acid- and arsenic-tolerant plant growth-promoting rhizobacteria for mitigation of arsenic toxicity in acidic agricultural soils. **Archives of Microbiology**. DOI : 10.1007/s00203-023-03567-z.
29. Bhattacharjee, K., Barua, K.S., Chrungoo, N.K. and **Joshi, S.R.** (2023) Characterization of biomineralizing and plant growth-promoting attributes of lithobiontic bacteria. **Current Microbiology**. DOI :10.1007/s00284-022-03176-x
30. Bhatia, R., Singh, S., Maurya, R., Bhadada, S.K., Bishnoi, M., Chopra, K., **Joshi, S.R.**, Kondepudi, K.K. (2022) *In vitro* characterization of lactic acid bacterial strains isolated from

fermented foods with anti-inflammatory and dipeptidyl peptidase-IV inhibition potential. **Brazilian Journal of Microbiology**. <https://doi.org/10.1007/s42770-022-00872-5>

31. 148. Chettri, U., Chakrabarty, T.K. and **Joshi, S.R.** (2022) Pollution index assessment of surface water and sediment quality with reference to heavy metals in Teesta River in Eastern Himalayan range, India. **Environmental Nanotechnology, Monitoring & Management**. 18 (2022) 100742. <https://doi.org/10.1016/j.enmm.2022.100742>
32. Barooah, M., **Joshi, S.R.** and Bahar, B. (2022) Editorial: Genomics and Metabolomics of Microbes in Fermented Food. **Frontiers in Microbiology**. 13:892726. doi: 10.3389/fmicb.2022.892726
33. Chettri, U. and **Joshi, S.R.** (2022) A first calibration of culturable bacterial diversity and their dual resistance to heavy metals and antibiotics along altitudinal zonation of the Teesta River. **Archives of Microbiology**. 204:241. <https://doi.org/10.1007/s00203-022-02858-1>.
34. Singh, R.I., Chettri, U., Maity, P., Ghosh, A.K., **Joshi, S.R.** and Mitra, S. (2022). Modulated Antimicrobial Activity and Drug-Protein Interaction Ability of Zinc Oxide and Cadmium Sulfide Nanoparticles: Effect of Doping with Few First-Row Transition Metals. **Journal of Cluster Science**. <https://doi.org/10.1007/s10876-022-02257-y>.
35. Das, P., Behera, M. D., Barik, S. K., Mudi, S., Jagadish, B., Sarkar, S., **Joshi, S.R.**, Adhikari, D., Behera, S.K., Sarma, K., Srivastava, P. K. and Chauhan, P.S. (2021) Shifting cultivation induced Burn area Dynamics using Ensemble Approach in Northeast India. **Trees, Forests and People**. DOI: <https://doi.org/10.1016/j.tfp.2021.100183>.
36. Shylla, L., Barik, S.K. and **Joshi, S.R.** (2021) Application of Native *Bacillus* sp. for Sustainable Jhum Agro-ecosystem. **Proceedings of the National Academy of Sciences, India Section B: Biological Sciences**. DOI 10.1007/s40011-021-01263-w.
37. Ka-Ot, A.L and **Joshi, S.R.** (2021) Application of acid and heavy metal resistant bacteria from rat-hole coal mines in bioremediation strategy. **Journal of Basic Microbiology**. DOI:10.1002/jobm.202100241.
38. Bhattacharjee, K., Chrungoo, N.K. and **Joshi, S.R.** (2021) Cryopreservation Design for Bacterial Cell: a Non-Conventional Gizmatic Approach. **Proceedings National Academy of Sciences, India, Biological Sciences**. doi.org/10.1007/s40011-021-01266-7.
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Books Authored: (13)

1. **SR Joshi**, Pradeep Verma and Subhro Banerjee (Eds) (2025) **Mineral Transformation and Bioremediation by Geo-Microbes**, Interdisciplinary Biotechnological Advances, Springer Nature Singapore Pte Ltd. 2025, https://doi.org/10.1007/978-981-96-3033-2_1
2. **SR Joshi** and N Joshi (1999): Man & His Environment. A text book for Degree Course. Published by Gautam Bros. Shillong. 1999 pp. 132
3. **SR Joshi**: Health Education.(1993) A text book for high school . Published by Gautam Bros. Shillong. 1993. pp.202
4. **SR Joshi** and SP Adhikari (2000): Paryavaran Adhyan – Part I A Text Book on Environmental Studies for Class I and Class II. . Published by Text Book Committee Shillong, Meghalaya. Recommended by Meghalaya & Mizoram Board of School Education.pp. 87.
5. **SR Joshi** and SP Adhikari (2000): Paryavaran Adhyan – Part II A Text Book on Environmental Studies for Class I and Class II. . Published by Text Book Committee Shillong, Meghalaya. Recommended by Meghalaya & Mizoram Board of School Education. pp. 89
6. **SR Joshi** and SP Adhikari (2001): Paryavaran Adhyan – Part III. A Text Book on Environmental Studies for Class III and Class IV. Published by Text Book Committee Shillong, Meghalaya. Recommended by Meghalaya & Mizoram Board of School Education..pp. 98.
7. **SR Joshi** and SP Adhikari (2001): Paryavaran Adhyan – Part IV. A Text Book on Environmental Studies for Class III and Class IV. Published by Text Book Committee Shillong, Meghalaya. Recommended by Meghalaya & Mizoram Board of School Education. pp.158
8. **SR Joshi** (2005): The Teaching of Science. A reference book for science teachers and B.Ed trainees Courses. Published by APH Publishing Corporation, New Delhi,. pp. 383
9. **SR Joshi** (2006): Biopesticides: A Biotechnological Approach. A reference book on Biopesticides. Published by New Age International(P) Limited, New Delhi.. pp.103
10. **SR Joshi** (2007) Microbes: Redefined Personality. Published by APH Publishing Corporation. Ansari Road, New Delhi. pp 236.
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12. **SR Joshi** and SP Adhikari (2008): Art of Healthy and Productive Living. Text Book for Class III. Book Palace, Shillong. pp 63
13. **SR Joshi** and SP Adhikari (2008): Art of Healthy and Productive Living. Text Book for Class II. Book Palace, Shillong. pp 62.

19. **Papers Presented in conferences:** International (21) : National (50).

20. Patents: (02)

1. Debajit Kalita, Macmillan Nongkhaw and **SR Joshi** (2023) A method of production of Lead removing bacterial bioflocculant from *Arthrobacter nicotinovorans* and using it to treat wastewater. Application No: 201731043111; Patent No: 43523 , The Patent Office, Govt. of India: Grant Date: 11/05/2023
2. Amit Priyadarshan, Anandh Mathew, Debajit Kalita and **S.R. Joshi** (2024) Process for large scale on-site production of microbes for Oil & Gas fields. Application No: 202131021838; Patent No: 545627 , The Patent Office, Govt. of India: Grant Date: 23/07/2024

Any other:

Genome/Marker Sequences Submitted to Genbank Databases::

Sl. NO: : Accession Number : Organism Name: : Authors: Marker Gene: Partial/Full: Base Pair length

JN230520: *Staphylococcus equorum* CM5: Joshi,S.R., Bhattacharjee,K. and Bawitlung,L.:16S rRNA : Partial: >1300bp
JN230521: *Enterobacter* sp.MF-1: : Joshi,S.R., Bhattacharjee,K. and Bawitlung,L.:16S rRNA: Partial :>1300bp
JN230522: *Bacillus subtilis* MF-2: : Joshi,S.R., Bhattacharjee,K. and Bawitlung,L.: 16S rRNA:Partial :>1300bp
JN408703: *Bacterium* PRI5: Joshi,S.R., Bhattacharjee,K. and Banerjee,S.: 16S rRNA: Partial :>1300bp
JN408704: *Bacterium* LM5 : Joshi,S.R., Bhattacharjee,K. and Banerjee,S. : 16S rRNA: Partial : >1300bp
JN408705: *Streptomyces* sp. RH4: : Joshi,S.R., Bhattacharjee,K. and Banerjee,S.: : 16S rRNA: Partial : >1300bp
JN408706: *Streptomyces vinaceus* strain LANG-3: Joshi,S.R., Bhattacharjee,K. and Banerjee,S.: 16S rRNA:Partial : >1300bp
JN408707: *Kitasatospora* sp. LANG-2: Joshi,S.R., Bhattacharjee,K. and Banerjee,S.:16S rRNA: Partial:>1300bp
JN408708: *Nocardia aobensis* strain AM-1: Joshi,S.R., Bhattacharjee,K. and Banerjee,S.:16S rRNA: Partial : >1300bp
JF827349: *Streptomyces aureofaciens* strain GL2: Joshi,S.R., Bhattacharjee,K. and Banerjee,S.: 16S rRNA:Partial : >1300bp
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JF827351: *Streptomyces niveoruber* strain MA1: Joshi,S.R., Bhattacharjee,K. and Banerjee,S.:16S rRNA:Partial :>1300bp
JF827352: *Streptomyces cacaoi* subsp. *asoensis* strain MB2:Joshi,SR,Bhattacharjee,K and Banerjee,S:16S rRNA: 1300bp
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JF827354: *Streptomyces griseoruber* strain NG5: Joshi,S.R., Bhattacharjee,K. andBanerjee,S.: 16S rRNA: Partial :>1300bp
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KU258252: *Acinetobacter guangdongensis* BL1 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

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KU258260: *Bacillus megaterium* BL9 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

KU258261: *Bacillus simplex* BL10 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

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KU258263: *Belliella pelovolcani* BL12 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

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KU258285: *Shewanella* sp. BL34 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

KU258286: *Variovorax paradoxus* BL35 : : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

KU258287: *Bacillus aryabhatai* DG12 : : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : : Partial :>1300bp

KU258288: *Bacillus cereus* BK4 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

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KU258290: *Bacillus* sp. DT21 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

KU258291: *Bacillus pseudomycoides* DT11 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

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KU761253: *Bacillus* sp. CB2 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

KU258292: *Bacillus subtilis* GP2 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

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HQ728330: *Lactococcus lactis* : Sharmila Thokchom and SR Joshi : : 16S rRNA : Partial : : 1444bp :

HQ728331: *Weissella hellenica*: Sharmila Thokchom and SR Joshi : 16S rRNA : Partial : 1467bp :

HQ728333: *Lactobacillus plantarum*: Sharmila Thokchom and SR Joshi : 16S rRNA : Partial : 1460bp :

HQ728324: *Enterococcus durans* : Sharmila Thokchom and SR Joshi : 16S rRNA : Partial : 1470bp :

JN104057: *Enterococcus casseliflavus* : : SR Joshi and Sharmila Thokchom : 16S rRNA : Partial : 1323bp

JN029837: *Vagococcus lutrae*: SR Joshi and Sharmila Thokchom : 16S rRNA : Partial : 1357bp :

JN029833: *Vagococcus fluvialis*: SR Joshi and Sharmila Thokchom : 16S rRNA : Partial : 1306bp :

JF827598:*Weissella thailandensis*: SR Joshi and Sharmila Thokchom : 16S rRNA : Partial : 1467bp :

HQ728335:*Lactobacillus curvatus*: Sharmila Thokchom and SR Joshi : 16S rRNA : Partial : 1466bp :

JN029838: *Lactococcus garvieae* : SR Joshi and Sharmila Thokchom : 16S rRNA : Partial : 1338bp :

HQ728336: *Lactococcus lactis* : : Sharmila Thokchom and SR Joshi : : 16S rRNA : Partial : : 1453bp :

HQ728325: *Vagococcus lutrae*: Sharmila Thokchom and SR Joshi : : 16S rRNA : Partial : : 1503bp :

JN029835: *Staphylococcus equorum* : Sharmila Thokchom and SR Joshi : 16S rRNA : : Partial : 1268bp :

HQ728328: *Staphylococcus cohnii* : Sharmila Thokchom and SR Joshi : 16S rRNA : Partial : 1455bp :

JN104059:*Staphylococcus sciuri* : SR Joshi and Sharmila Thokchom : 16S rRNA : Partial : 1360bp :

JN104058: *Staphylococcus lentus*: SR Joshi and Sharmila Thokchom : 16S rRNA : Partial : 1420bp :

HQ728327: *Bacillus tequilensis* : : Sharmila Thokchom and SR Joshi : 16S rRNA : Partial : 1471bp :

HQ728329:*Bacillus methylotrophicus* : Sharmila Thokchom and SR Joshi : 16S rRNA : Partial : : 1463bp :

JN104061: *Rummeliibacillus stabekisii* : : SR Joshi and Sharmila Thokchom : 16S rRNA : Partial : 1341bp :

JN029834: *Corynebacterium stationis* : : SR Joshi and Sharmila Thokchom : 16S rRNA : Partial : 1002bp :

JN029832: *Proteus mirabilis* : SR Joshi and Sharmila Thokchom : 16S rRNA : Partial : : 1017bp :

JQ770189: *Vagococcus fluvialis* : SR Joshi and Sharmila Thokchom : : 16S rRNA : Partial : 1100bp :

JQ770190:*Vagococcus carniphilus* : SR Joshi and Sharmila Thokchom : 16S rRNA : Partial : 1052bp :

JQ770191: *Vagococcus fluvialis* : SR Joshi and Sharmila Thokchom : 16S rRNA : Partial : 1372bp :

JQ770192:*Trichococcus flocculiformis* : SR Joshi and Sharmila Thokchom : 16S rRNA :Partial : 1322bp :

JQ770193: *Trichococcus patagoniensis* : SR Joshi and Sharmila Thokchom : 16S rRNA : Partial : 1085bp :

JQ770194: *Proteus mirabilis* : SR Joshi and Sharmila Thokchom : 16S rRNA : : Partial : 1377bp :

JQ770195: *Enterococcus casseliflavus* : SR Joshi and Sharmila Thokchom : 16S rRNA : Partial : : 1318bp :

HQ728326: *Bacillus tequilensis* : : SR Joshi and Sharmila Thokchom : 16S rRNA : Partial : 1438bp :

HQ728332: *Lactococcus lactis* : SR Joshi and Sharmila Thokchom : 16S rRNA : Partial : 1441bp :

HQ728334: *Lactobacillus pentosus* : SR Joshi and Sharmila Thokchom : 16S rRNA : Partial : 1461bp :

JN029831: *Enterococcus canis* : : SR Joshi and Sharmila Thokchom : 16S rRNA : Partial : 1339bp :

JN029836: *Staphylococcus equorum* : SR Joshi and Sharmila Thokchom : 16S rRNA : : Partial : 1227bp :

JN104056: *Staphylococcus lentus* : SR Joshi and Sharmila Thokchom : 16S rRNA : Partial : 1380bp :

JN104060: *Enterococcus faecium* : SR Joshi and Sharmila Thokchom : 16S rRNA : Partial : 1265bp :

KM282281: *Formitopsis ostreiformis* : M Borthakur, and SR Joshi : : ITS : partial : 788bp

KM282282: *Russula foetens* : M Borthakur and SR Joshi : ITS : partial : 801bp

KM282283: *Mycena galericulata* : M Borthakur and SR Joshi : ITS : partial : 640bp

KM282284: *Hypholoma fasciculare* : M Borthakur and SR Joshi : ITS : partial : 644bp

KM282285:*Panus conchatus* : M Borthakur and SR Joshi : ITS : partial : 583bp

KM282286: *Galerina* sp. : M Borthakur and SR Joshi : ITS : partial : 795bp

KM282287: *Lactifluus glaucescens* : M Borthakur and SR Joshi : ITS : partial : 709bp

KM282288: *Trichaptum bifforme* : M Borthakur and SR Joshi : ITS : : partial : 759bp

KP843880: *Russula variata* : M Borthakur and SR Joshi : ITS : partial : 765bp

KP843881:*Campanophyllum proboscideum* : M Borthakur, and SR Joshi : ITS : partial : 501bp

KP843882:*Trichaptum bifforme* : M Borthakur and SR Joshi : ITS : partial : 605bp

KP843883: *Baorangia pseudocalopus* : M Borthakur and SR Joshi : ITS : partial : 603bp

KP843884: *Echinoderma asperum* : M Borthakur and SR Joshi : ITS : partial : 725bp

KP877447: *Micromphale foetidum*: M Borthakur and SR Joshi : ITS : partial : 871bp

KM983609: *Lentinus tuber-regium* : AR Das, AK Saha, P Das, SR Joshi and M Borthakur : ITS : partial : 604bp

KM983610: *Microcybe gigantean* : AR Das, AK Saha, P Das, SR Joshi and M Borthakur : ITS : partial : 567bp

KX831664: *Trichoderma strigosellum*: M Borthakur, J Gogoi, and SR Joshi : ITS : partial : 573bp

KX831667: *Ganoderma australe* : M Borthakur, S Sangma, and SR Joshi : ITS : partial : 506bp

KX011029: *Pseudomonas* sp. : D Kalita and SR Joshi : 16S rRNA: full : 1493bp

KX831665: *Penicillium citrinum* : D. Bareh, D Patra and S.R. Joshi : ITS : partial : 580bp

KX831666 : *Myrothecium verrucaria* D. Bareh, D Patra and S.R. Joshi : ITS : partial : 568bp

JN600358 : *proteobacterium* : Kumar R, Joshi SR : 16S rRNA : Partial : -285bp

JN600359 : *Acidobacteria bacterium*: Kumar R, Joshi SR : 16S rRNA : Partial : -278bp

JN600360 : *proteobacterium* : : Kumar R, Joshi SR : 16S rRNA : partial : -285bp

JN600361 : *proteobacterium* : : Kumar R, Joshi SR : 16S rRNA : partial : -285bp

JN600362.1 : *proteobacterium*: Kumar R and Joshi SR : 16SrRNA : partial : -285bp

JN600363.1 : *Acidobacteriabacterium* : : 16SrRNA : partial : -285bp

JN600364.1 : *proteobacterium* : Kumar R and Joshi SR : 16SrRNA : partial :

JN600365.1: *Acidobacteriabacterium* : Kumar R and Joshi SR : 16SrRNA : partial : -285bp

JN600366.1: *Acidobacteriabacterium* : Kumar R and Joshi SR : 16SrRNA : partial : -285bp

JN600367.1: *Firmicutesbacterium* : Kumar R and Joshi SR : 16SrRNA : partial : -285bp

JN600368.1 : *proteobacterium* : Kumar R and Joshi SR : 16SrRNA : partial : -286bp

JN600369.1: *proteobacterium* : Kumar R and Joshi SR : 16SrRNA : partial : -286bp

JN600370.1 : *Acidobacteriabacterium* : Kumar R and Joshi SR : 16SrRNA : partial : -274bp

JN600371.1 : *proteobacterium* : Kumar R and Joshi SR : 16SrRNA : partial : -285bp

JN600372.1: *proteobacterium* : Kumar R and Joshi SR : 16SrRNA : partial : -285bp

JN600373.1: *proteobacterium* : Kumar R and Joshi SR : 16SrRNA : partial : -286bp

JN600374.1: *proteobacterium* : Kumar R and Joshi SR: 16SrRNA : partial : -290bp

JN600375.1: *proteobacterium* : Kumar R and Joshi SR: 16SrRNA : partial : -282bp

JN600376.1: *Firmicutesbacterium* : Kumar R and Joshi SR: 16SrRNA : partial : -256bp

JN600377.1: *proteobacterium* : Kumar R and Joshi SR: 16SrRNA : partial : -286bp

JN600378.1: *proteobacterium* : Kumar R and Joshi SR: 16SrRNA : partial : -286bp

JN600379.1 : *proteobacterium* : Kumar R and Joshi SR: 16SrRNA : partial : -285bp

JN600380.1: *proteobacterium* : Kumar R and Joshi SR: 16SrRNA : partial : -286bp

JN600381.1: *proteobacterium* : Kumar R and Joshi SR: 16SrRNA : partial : -224bp

JN600382.1: *Chloroflexibacterium* : Kumar R and Joshi SR: 16SrRNA : partial : -285bp

JN600383.1 : *Acidobacteriabacterium* : Kumar R and Joshi SR: 16SrRNA : partial : -285bp
JN600384.1 : *Acidobacteriabacterium* : Kumar R and Joshi SR: 16SrRNA : partial : -285bp
JN600385.1 : *Acidobacteriabacterium* : Kumar R and Joshi SR: 16SrRNA : partial : -286bp
JN600386.1 : *proteobacterium* : Kumar R and Joshi SR: 16SrRNA : partial : -286bp
JN600386.1 : *Proteobcaterium* : Kumar R and Joshi SR : 16S rRNA : partial : -285bp
JN600387.1 : *Acidobacteria bacterium* : Kumar R and Joshi SR: 16S rRNA : partial : -285bp
JN600388.1 : *Proteobcaterium*: Kumar R and Joshi SR: 16S rRNA : partial : -285bp
JN600389.1 : *Acidobacteria bacterium* : Kumar R and Joshi SR : 16S rRNA : partial : -285bp
JN600390.1 : *Verrucomicrobium* sp. : Kumar R and Joshi SR: 16S rRNA : partial : -285bp
JN600391.1 : *Proteobcaterium* : Kumar R and Joshi SR: 16S rRNA : partial : -285bp
JN600392.1 : *Acidobacteria bacterium* : Kumar R and Joshi SR: 16S rRNA : partial : -285bp
JN600393.1 : *Acidobacteria bacterium* : Kumar R and Joshi SR: 16S rRNA : partial : -285bp
JN600394.1 : *Acidobacteria bacterium* : Kumar R and Joshi SR: 16S rRNA : partial : -285bp
JN600395.1 : *Proteobcaterium*: Kumar R and Joshi SR: 16S rRNA : partial : -285bp
JN600396.1 : *Proteobcaterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600397.1 : *Actinobacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -286bp
JN600398.1 : *Firmicutes bacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600399.1 : *Proteobcaterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600400.1 : *Proteobcaterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600401.1 : *Firmicutes bacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600402.1 : *Firmicutes bacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600403.1 : *Proteobcaterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600404.1 : *Proteobacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -290bp
JN600405.1 : *Acidobacteria bacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600406.1 : *Proteobacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600407.1 : *Chloroflexi bacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -283bp
JN600408.1 : *Proteobcaterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -290bp
JN600409.1 : *Acidobacteria bacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -290bp
JN600410.1 : *Firmicutes bacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600411.1 : *Actinobacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600412.1 : *Acidobacteria bacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600413.1 : *Actinobacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600414.1 : *Actinobacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600415.1 : *Acidobacteria bacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -290bp
JN600416.1 : *Verrucomicrobium* sp. : Kumar R, and Joshi SR : 16S rRNA : partial : -290bp
JN600417.1 : *Proteobacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600418.1 : *Acidobacteria bacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600419.1 : *Proteobacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600420.1 : *Proteobacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600421.1 : *Acidobacteria bacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -290bp
JN600422.1 : *Acidobacteria bacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -290bp
JN600423.1 : *Proteobcaterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp

JN600424.1 : *Proteobacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -283bp
JN600425.1 : *Proteobacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -283bp
JN600426.1 : *Proteobacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -288bp
JN600427.1 : *Proteobacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -283bp
JN600428.1 : *Proteobacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -283bp
JN600429.1 : Chlorobi bacterium : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600430.1 : *Proteobacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600431.1 : Firmicutes bacterium : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600432.1 : Acidobacteria bacterium : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600433.1 : Acidobacteria bacterium : Kumar R, and Joshi SR : 16S rRNA : partial : -290bp
JN600434.1 : *Proteobacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600435.1 : *Proteobacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600436.1 : Firmicutes bacterium : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600437.1 : Firmicutes bacterium : Kumar R, and Joshi SR : 16S rRNA : partial : -285bp
JN600438.1 : *Proteobacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : -264bp
JN600439.1 : *Acidobacteria bacterium* : Kumar R, and Joshi SR : 16S rRNA : partial : 264bp
JX040437 : *Sphingobacterium kitahiroshimense* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX040438 : *Bacillus* sp. : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX040439 : *Pseudomonas agri* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX040440 : *Sphingobacterium faecium* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX040441 : *Achromobacter xylosoxidans* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX040442 : *Iodobacter fluvialis* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX040443 : *Bacillus cereus* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX040444 : *Pseudomonas* sp. : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX040445 : *Pseudomonas agri* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX040446 : *Lysinibacillus parviboronicapiens* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX040447 : *Bacillus amyloliquefaciens* subsp. *Amylolyquefaciens* : S.R.Joshi & S.Banerjee : 16S rRNA : ~1500
JX144942 : *Kocuria rosea* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX144943 : *Lysinibacillus macroides* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX144944 : *Pseudomonas agri* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX144945 : *Pseudomonas gessardii* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX144946 : *Pseudomonas vranovensis* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX144947 : *Pseudomonas chlororaphis* subsp. *Aurantiaca* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX144948 : *Pseudomonas taiwanensis* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX144949 : *Staphylococcus saprophyticus* subsp. *bovis* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX144950 : *Acinetobacter johnsonii* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX144951 : *Bacillus vallismortis* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX144952 : *Pseudomonas mosselii* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX144953 : *Bacillus subtilis* subsp. *Inaquosorum* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX144954 : *Kurthia gibsonii* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX144955 : *Bacillus vallismortis* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500
JX144956 : *Aeromonas hydrophila* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500

JX144957 : *Flavobacterium chungangense* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500

JX144958 : *Staphylococcus equorum* subsp. *Equorum* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500

JX144959 : *Pseudomonas monteilii* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500

JX144960 : *Pseudomonas alcaligenes* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500

JX298811 : *Ensifer adhaerens* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500

JX298812 : *Bacillus halodurans* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500

KF515731 : *Bacillus thuringiensis* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500

KF515732 : *Bacillus circulans* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500

KF515733 : *Paenibacillus massiliensis* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500

KF515734 : *Brevibacterium frigoritolerans* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500

KF515735 : *Bacillus isronensis* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500

KF515736 : *Bacillus cereus* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500

JN408709 : *Beauveria* sp. : Joshi,S.R. and Nath,A. : 18S rRNA : partial : 746 bp

JN408710 : *Eladia* sp. : Joshi,S.R. and Nath,A. : 18S rRNA : partial : 747bp

JN408711 : *Bulgaria* sp. : Joshi,S.R. and Nath,A. : 18S rRNA : partial : 666bp

JN408712 : *Glomus* sp. : Joshi,S.R. and Nath,A. : 18S rRNA : partial : 699bp

JN408713 : *Penicillium* sp. : Joshi,S.R. and Nath,A. : 18S rRNA : partial : 559bp

JN247756 : *Phomopsis* sp. : Joshi,S.R., Nath,A. and Devi,L.S. : 18S rRNA : partial : 623bp

JQ256456 : *Colletotrichum gloeosporioides* : Joshi,S.R., Das,S. and Nath,A. : 18S rRNA : partial : 521bp

JQ256457 : *Colletotrichum gloeosporioides* : Joshi,S.R., Das,S. and Nath,A. : 18S rRNA : partial : 541bp

JQ256458 : *Colletotrichum gloeosporioides* : Joshi,S.R., Das,S. and Nath,A. : 18S rRNA : partial : 514bp

JQ256459 : *Penicillium* sp. : Joshi,S.R., Das,S. and Nath,A. : 18S rRNA : partial : 659bp

JQ256460 : *Colletotrichum gloeosporioides* : Joshi,S.R., Das,S. and Nath,A. : 18S rRNA : partial : 586bp

JQ256461 : *Colletotrichum* sp. : Joshi,S.R., Das,S. and Nath,A. : 18S rRNA : Partial : 661bp

JQ256462 : *Colletotrichum* sp. : Joshi,S.R., Das,S. and Nath,A. : 18S rRNA : Partial : 641bp

JQ256463 : *Aspergillus awamori* : Joshi,S.R., Das,S. and Nath,A. : 18S rRNA : Partial : 616bp

KF928279 : *Epicoccum sorghinum* : Joshi,S.R. and Nath,A. : ITS : Partial : 446bp

KF928280 : *Phomopsis asparagi* : Joshi,S.R. and Nath,A. : ITS : Partial : 552bp

KF928281 : *Colletotrichum gloeosporioides* : Joshi,S.R. and Nath,A. : ITS : Partial : 553bp

KF928284 : *Colletotrichum gloeosporioides* : Joshi,S.R. and Nath,A. : ITS : Partial : 552bp

KM282291 : *Colletotrichum gloeosporioides* : Joshi,S.R. and Nath,A. : ITS : Partial : 554bp

KF928283 : *Byssoschlamys spectabilis* : Joshi,S.R. and Nath,A. : ITS : Partial : 677bp

KF928286 : *Corynespora cassiicola* : Joshi,S.R. and Nath,A. : ITS : Partial : 533bp

KF928287 : *Corynespora cassiicola* : Joshi,S.R. and Nath,A. : ITS : Partial : 534bp

KF928288 : *Corynespora cassiicola* : Joshi,S.R. and Nath,A. : ITS : Partial : 534bp

KF928292 : *Corynespora cassiicola* : Joshi,S.R. and Nath,A. : ITS : Partial : 535bp

KF928289 : *Calonectria eucalypti* : Joshi,S.R. and Nath,A. : ITS : Partial : 522bp

KF928290 : *Calonectria eucalypti* : Joshi,S.R. and Nath,A. : ITS : Partial : 518bp

KF928285 : *Xylaria* sp. : Joshi,S.R. and Nath,A. : ITS : Partial : 556bp

KF928291 : *Aspergillus niger* : Joshi,S.R. and Nath,A. : ITS : Partial : 723bp

KF928293 : *Colletotrichum acutatum* : Joshi,S.R. and Nath,A. : ITS : Partial : 561bp

KM282289 : *Glomerella magna* : Joshi,S.R. and Nath,A. : ITS : Partial : 547bp

KM282290 : *Talaromyces stollii* : Joshi,S.R. and Nath,A. : ITS : Partial : 563bp
KP178686 : *Epicoccum sorghinum* : Joshi,S.R. and Nath,A. : PKS : Partial cds : 598bp
KP178687 : *Phomopsis asparagi* : Joshi,S.R. and Nath,A. : PKS : Partial cds : 601p
KP178688 : *Colletotrichum gloeosporioides* : Joshi,S.R. and Nath,A. : (PKS) : Partial cds : 642bp
KP178689 : *Colletotrichum gloeosporioides* : Joshi,S.R. and Nath,A. : (PKS) : Partial cds : 598bp
KP178690 : *Corynespora cassicola* : Joshi,S.R. and Nath,A. : PKS: Partial cds : 318bp
KP178691 : *Corynespora cassicola* : Joshi,S.R. and Nath,A. : PKS : Partial cds : 568bp
KP178692 : *Corynespora cassicola* : Joshi,S.R. and Nath,A. : PKS : Partial cds : 565bp
KP178693 : *Calonectria eucalypti* : Joshi,S.R. and Nath,A. : PKS : Partial cds : 655bp
KP178694 : *Calonectria eucalypti* : Joshi,S.R. and Nath,A. : PKS : Partial cds : 628bp
KP178695 : *Aspergillus niger* : Joshi,S.R. and Nath,A. : PKS : Partial cds : 649bp
KP178696 : *Corynespora cassicola* : Joshi,S.R. and Nath,A. : PKS : Partial cds : 631bp
KP178697 : *Colletotrichum acutatum* : Joshi,S.R. and Nath,A. : PKS : Partial cds : 329bp
KP178698 : *Talaromyces stollii* : Joshi,S.R. and Nath,A. :PKS : Partial cds : 666bp
KP178699 : *Colletotrichum gloeosporioides* : Joshi,S.R. and Nath,A. : PKS : Partial cds : 583bp
JN660056 : *Klebsiella variicola* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,340bp
JN660057 : *Staphylococcus simulans* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,335bp
JN660058 : *Enterococcus faecalis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,404bp
JN660060 : *Staphylococcus gallinarum* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,397bp
JX026015 : *Vagococcus carniphilus* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,475bp
JX026016 : *Enterococcus saccharolyticus* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,473bp
JX026017 : *Vagococcus fluvialis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,472bp
JX026018 : *Vagococcus fluvialis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,469bp
JX026019 : *Vagococcus fluvialis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,472bp
JX026020 : *Vagococcus fluvialis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,475bp
JX026021 : *Vagococcus carniphilus* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,474bp
JX026022 : *Vagococcus fluvialis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,476bp
JX026023 : *Vagococcus fluvialis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,472bp
JX026024 : *Vagococcus carniphilus* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,479bp
JX026025 : *Enterococcus lactis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,469bp
JX026026 : *Vagococcus carniphilus* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,473bp
JX026027 : *Vagococcus fluvialis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,477bp
JX026028 : *Vagococcus fluvialis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,468bp
JX026029 : *Vagococcus fluvialis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,470bp
JX026030 : *Vagococcus carniphilus* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,469bp
JX026031 : *Vagococcus fluvialis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,471bp
JX026032 : *Bacillus siamensis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,465bp
JX026033 : *Leuconostoc holzapfelii* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,465bp
JX026035 : *Leuconostoc holzapfelii* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,464bp
JX026036 : *Leuconostoc holzapfelii* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,465bp
JX026037 : *Leuconostoc lactis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,466bp
JX026009 : *Brevundimonas Vesicularis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,374bp

JX026010 : *Sphingomonas dokdonensis* : Joshi,S.R. and Koijam,K : 16S r RNA : Partial : 1,396bp
JX026011 : *Brevundimonas nasdae* : Joshi,S.R. and Koijam,K : 16S r RNA : Partial : 1,378bp
JX026012 : *Acetobacter indonesiensis* : Joshi,S.R. and Koijam,K : 16S r RNA : Partial : 1,409bp
JX026013 : *Acetobacter indonesiensis* : Joshi,S.R. and Koijam,K : 16S r RNA : Partial : 1,408bp
JX026014 : *Acetobacter indonesiensis* : Joshi,S.R. and Koijam,K : 16S r RNA : Partial : 1,412bp
JX026034 : *Leuconostoc lactis* : Joshi,S.R. and Koijam,K : 16S r RNA : Partial : 1,469bp
JN660075 : *Staphylococcus epidermidis* : Joshi,S.R. and Koijam,K : 16S r RNA : Partial : 1,312bp
JX026003 : *Enterococcus faecalis* : Joshi,S.R. and Koijam,K : 16S r RNA : Partial : 1,436bp
KF186666 : *Lactobacillus pentosus* : Joshi,S.R. and Koijam,K : 16S r RNA : Partial : 1,447bp
JN660061 : *Lactobacillus fermentum* : Joshi,S.R. and Koijam,K : 16S r RNA : Partial : 1,396bp
JN660062 : *Staphylococcus condimenti* : Joshi,S.R. and Koijam,K : 16S r RNA : Partial : 1,450bp
JN660063 : *Staphylococcus saprophyticus* subsp. Bovis : Joshi,S.R. and Koijam,K. : 16S r RNA: Partial : 1,482bp
JN660064 : *Bacillus licheniformis* : Joshi,S.R. and Koijam,K : 16S r RNA : Partial : 1,418bp
JF910013 : *Enterococcus casseliflavus* : Joshi,S.R. and Koijam,K : 16S r RNA : Partial : 1,482bp
JF910014 : *Enterococcus casseliflavus* : Joshi,S.R. and Koijam,K : 16S r RNA : Partial : 1,468bp
JF910015 : *Enterococcus durans* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,464bp
JF910016 : *Enterococcus durans* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,518bp
JX026006 : *Staphylococcus sciuri* subsp. sciuri : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,466bp
JX026007 : *Staphylococcus warneri* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,470bp
JN660068 : *Bacillus methylophilus* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,326bp
JN660069 : *Staphylococcus sciuri* subsp. sciuri : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,434bp
JN660070 : *Vagococcus lutrae* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,459bp
JN660071 : *Staphylococcus sciuri* subsp. sciuri : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,464bp
JF910017 : *Staphylococcus sciuri* subsp. sciuri : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,468bp
JF910020 : *Bacillus siamensis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,456bp
JN660065 : *Bacillus vallismortis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,469bp
JN660066 : *Bacillus safensis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,428bp
JN660067 : *Bacillus tequilensis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,445bp
JN660072 : *Lactobacillus brevis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,439bp
JF910018 : *Bacillus aerophilus* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,456bp
KF186667 : *Psychrobacter pulmonis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,451bp
KF186668 : *Enterococcus faecalis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,444bp
KF186669 : *Pisciglobus halotolerans* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,444bp
KF186670 : *Enterobacter cancerogenus* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,418bp
KF186671 : *Vitreoscilla stercoraria* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,433bp
KF186672 : *Pantoea rodasii* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,410bp
JX026004 : *Staphylococcus haemolyticus* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,466bp
JX026005 : *Lactobacillus pentosus* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,487bp
KF186664 : *Staphylococcus cohnii* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,437bp
KF186665 : *Bacillus safensis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,435bp
JF910019 : *Enterococcus casseliflavus* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,411bp
JX026008 : *Brachy bacterium sacelli* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,323bp

JN860201 : *Lactobacillus fermentum* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 855bp
JN660059 : *Lactobacillus pobuzihii* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1,437bp
JN860202 : *Staphylococcus epidermis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 700bp
JN860203 : *Bacillus altitudinis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 702bp
JN860204 : *Staphylococcus epidermis* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 699bp
JN860205 : *Lactobacillus fermentum* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 678bp
JN860206 : *Brachybacterium paraconglomeratum* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 620bp
JN860207 : *Bacillus clausii* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 821bp
JN860208 : *Bacillus subtilis* subsp. subtilis : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 703bp
JN860209 : *Staphylococcus arlettae* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 702bp
JN660073 : *Bacillus thioparans* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1440bp
JN660074 : *Lactobacillus pobuzihii* : Joshi,S.R. and Koijam,K. : 16S r RNA : Partial : 1377bp
JN660076 : *Lactobacillus acidipiscis* : Joshi,S.R. and Koijam,K. : 16S rRNA : Partial : 121bp
KX896657:*Bacillus subtilis* subsp.*inaquosorum*SK22: AL Ka-ot,S Banerjee, G Haldar, SR Joshi:16s rRNA: 1417
KX896658 : *Bacillus cereus* SK44 : AL Ka-ot, S Banerjee, G Haldar, SR Joshi : 16s rRNA : partial : 1415bp
HM448979 : *Pseudomonas aeruginosa* : Joshi,S.R., Sarma,B., Kumar,R. and Acharya,C. : 16s rRNA : 1390bp
HM448980 : *P. aeruginosa* : Joshi,S.R., Sarma,B.,Acharya,and CKumar,R. : 16s rRNA : partial : 1397bp
HM448981 : *P. aeruginosa* : Joshi,S.R., Sarma,B.,Acharya,and CKumar,R. : 16s rRNA : partial : 1397bp
HM448982 : *P. aeruginosa* : Joshi,S.R., Sarma,B.,Acharya,and CKumar,R. : 16s rRNA : partial : 1385bp
HM448983 : *P. aeruginosa* : Joshi,S.R., Sarma,B.,Acharya,and CKumar,R. : 16s rRNA : partial : 1397bp
HM448984 : *P. aeruginosa* : Joshi,S.R., Sarma,B.,Acharya,and CKumar,R. : 16s rRNA : partial : 1400bp
HM448985 : *Comamonas testosteroni* : Joshi,S.R., Sarma,B.,Acharya,and CKumar,R. : 16s rRNA : 1387bp
HM448986 : *P. poae* : Joshi,S.R., Sarma,B.,Acharya,and CKumar,R. : 16s rRNA : partial : 1408bp
HM448987 : *P. lurida* : Joshi,S.R., Sarma,B.,Acharya,and CKumar,R. : 16s rRNA : partial : 1404bp
JN247761 : *P. aeruginosa* : Joshi,S.R., Sarma,B..and Acharya,C : 16s rRNA : partial : 1402bp
JN247762 : *P. aeruginosa* : Joshi,S.R., Sarma,B..and Acharya,C : 16s rRNA : partial : 1437bp
JN247763 : *P. mosselii* : Joshi,S.R., Sarma,B..and Acharya,C : 16s rRNA : partial : 1338bp
JN247764 : *P. aeruginosa* : Joshi,S.R., Sarma,B..and Acharya,C : 16s rRNA : partial : 1418bp
JN247765 : *P. lurida* : Joshi,S.R., Sarma,B..and Acharya,C : 16s rRNA : partial : 1396bp
JN247766 : *P. aeruginosa* : Joshi,S.R., Sarma,B..and Acharya,C : 16s rRNA : partial : 1357bp
JN247767 : *P. aeruginosa* : Joshi,S.R., Sarma,B..and Acharya,C : 16s rRNA : partial : 1386bp
JN247768 : *P. aeruginosa* : Joshi,S.R., Sarma,B..and Acharya,C : 16s rRNA : partial : 1385bp
JN247769 : *P. aeruginosa* : Joshi,S.R., Sarma,B..and Acharya,C : 16s rRNA : partial : 1382bp
JN247770 : *P. aeruginosa* : Joshi,S.R., Sarma,B..and Acharya,C : 16s rRNA : partial : 1365bp
JN247771 : *P. aeruginosa* : Joshi,S.R., Sarma,B..and Acharya,C : 16s rRNA : partial : 1395bp
JN247772 : *P. aeruginosa* : Joshi,S.R., Sarma,B..and Acharya,C : 16s rRNA : partial : 1381bp
JN247773 : *P. aeruginosa* : Joshi,S.R., Sarma,B..and Acharya,C : 16s rRNA : partial : 1402bp
JN247774 : *P. putida* : Joshi,S.R., Sarma,B..and Acharya,C : 16s rRNA : partial : 1400bp
JN247775 : *P. simae* : Joshi,S.R., Sarma,B..and Acharya,C : 16s rRNA : partial : 1364bp
JN247776 : *P. koreensis* : Joshi,S.R., Sarma,B..and Acharya,C : 16s rRNA : partial : 1307bp
JQ074037 : *P. lurida* : Joshi,S.R., Sarma,B..and Acharya,C : 16s rRNA : partial : 1318bp
JQ074038 : *P. palleroniana* : Joshi,S.R., Sarma,B..and Acharya,C : 16s rRNA : partial : 1301bp

JQ074039 : *P. palleroniana* : Joshi,S.R., Sarma,B.and Acharya,C : 16s rRNA : partial : 1318bp
HM448988 : *Alcaligenes* sp : Joshi,S.R., Sarma,B.and Acharya,C : 16s rRNA : partial : 1399bp
HM448989 : *Alcaligenes* sp : Joshi,S.R., Sarma,B.and Acharya,C : 16s rRNA : partial : 1399bp
HM448990 : *Ochrobactrum* sp : Joshi,S.R., Sarma,B.and Acharya,C : 16s rRNA : partial : 1328bp
HM448991 : *Brevundimonas diminuta* : Joshi,S.R., Sarma,B.,Kumar,R. and Acharya,C. : 16s rRNA : 1337bp
HM448992 : *Serratia* sp. : Joshi,S.R., Sarma,B.,Kumar,R. and Acharya,C. : 16s rRNA : partial : 1446bp
HM448993 : *Serratia* sp. : Joshi,S.R., Sarma,B.,Kumar,R. and Acharya,C. : 16s rRNA : partial : 1452bp
HM991825 : *Ochrobactrum* sp : Joshi,S.R., Sarma,B.,Kumar,R. and Acharya,C. : 16s rRNA : partial : 1345bp
HM991826 : *Achromobacter* sp : Joshi,S.R., Sarma,B.,Kumar,R. and Acharya,C. : 16s rRNA : partial : 1405bp
HM991827 : *Achromobacter* sp : Joshi,S.R., Sarma,B.,Kumar,R. and Acharya,C. : 16s rRNA : partial : 1403bp
HQ696505 : *S. nematodiphila* : Joshi,S.R., Sarma,B.,Kumar,R. and Acharya,C. : 16s rRNA : partial : 1361bp
HQ696506:*S. marcescens*subsp.*sakuensis*:Joshi SR, Sarma,B,Kumar,R and Acharya,C:16s rRNA: 1399bp
JF804769 : *Paenochrobactrum* sp. : Joshi,S.R., Sarma,B.,and Acharya,C. : 16s rRNA : partial : 1404bp
JQ074040 : *Stenotrophomonas maltophilia* : Joshi,S.R., Sarma,B.,and Acharya,C. : 16s rRNA : partial : 1301bp
JQ074041 : *B. vesicularis* : Joshi,S.R., Sarma,B.,and Acharya,C. : 16s rRNA : partial : 1308bp
JQ074042 : *S. marcescens* subsp. *sakuensis* : Joshi,S.R., Sarma,B.,and Acharya,C. : 16s rRNA : partial : 1303bp
JQ074055 : *S. maltophilia* : Joshi,S.R., Sarma,B.,and Acharya,C. : 16s rRNA : partial : 1331bp
JQ074056 : *S. maltophilia* : Joshi,S.R., Sarma,B.,and Acharya,C. : 16s rRNA : partial : 1304bp
HM747949 : *Serratia* sp. : Joshi,S.R., Sarma,B.,and Acharya,C. : 16s rRNA : partial : 1443bp
HM747950 : *Serratia* sp. : Joshi,S.R., Sarma,B.,and Acharya,C. : 16s rRNA : partial : 1410bp
JN695728 : *Bacillus subtilis* subsp. *subtilis* : Joshi,S.R., Sarma,B. and Banerjee,S : 16s rRNA : partial : 1287bp
JN653472 : *Pseudomonas aeruginosa* : Joshi,S.R., Sarma,B. and Banerjee,S : 16s rRNA : partial : 1395bp
JN653473 : *Achromobacter ruhlandii* : Joshi,S.R., Sarma,B. and Banerjee,S : 16s rRNA : partial : 1384bp
JN628283 : *Pseudomonasaeruginosa* : Joshi,S.R., Sarma,B.and Acharya,C. : 16-23S rRNA : partial : 621bp
JN247777 : *P. aeruginosa* : Joshi,S.R., Sarma,B.and Acharya,C. : 16-23S rRNA : partial : 581bp
JN247778 : *P. aeruginosa* : Joshi,S.R., Sarma,B.and Acharya,C. : 16-23S rRNA : partial : 664bp
JN628284 : *P. aeruginosa* : Joshi,S.R., Sarma,B.and Acharya,C. : 16-23S rRNA : partial : 556bp
JN418876 : *P. aeruginosa* : Joshi,S.R., Sarma,B.and Acharya,C. : 16-23S rRNA : partial : 649bp
JN418877 : *P. aeruginosa* : Joshi,S.R., Sarma,B.and Acharya,C. : 16-23S rRNA : partial : 400bp
JN628285 : *P. aeruginosa* : Joshi,S.R., Sarma,B.and Acharya,C. : 16-23S rRNA : partial : 610bp
JN418878 : *P. aeruginosa* : Joshi,S.R., Sarma,B.and Acharya,C. : 16-23S rRNA : partial : 652bp
JN418879 : *P. aeruginosa* : Joshi,S.R., Sarma,B.and Acharya,C. : 16-23S rRNA : partial : 600bp
JN247781 : *P. aeruginosa* : Joshi,S.R., Sarma,B.and Acharya,C. : 16-23S rRNA : partial : 597bp
JN418880 : *P. aeruginosa* : Joshi,S.R., Sarma,B.and Acharya,C. : 16-23S rRNA : partial : 649bp
JN418881 : *P. aeruginosa* : Joshi,S.R., Sarma,B.and Acharya,C. : 16-23S rRNA : partial : 651bp
JN418882 : *P. aeruginosa* : Joshi,S.R., Sarma,B.and Acharya,C. : 16-23S rRNA : partial : 655bp
JN628286 : *P. aeruginosa* : Joshi,S.R., Sarma,B.and Acharya,C. : 16-23S rRNA : partial : 644bp
JN247782 : *P. aeruginosa* : Joshi,S.R., Sarma,B.and Acharya,C. : 16-23S rRNA : partial : 634bp
JN418883 : *P. aeruginosa* : Joshi,S.R., Sarma,B.and Acharya,C. : 16-23S rRNA : partial : 601bp
JN418884 : *P. aeruginosa* : Joshi,S.R., Sarma,B.and Acharya,C. : 16-23S rRNA : partial : 664bp
EU579531.1 : *Penicillium* cf. *verruculosum* : Joshi,S.R.,R. Bhagobaty : 18-sr-RNA : partial : 1,155bp
HM569608.1 : *Fungal* sp. : Joshi,S.R.,R. Bhagobaty : ITS : partial : 234bp

HM569609.1 : *Fungal* sp. : Joshi,S.R.,R. Bhagobaty : ITS : partial : 278bp
HM569610.1 : *Fungal* sp. : Joshi,S.R.,R. Bhagobaty : ITS : partial : 122bp
HM569611.1 : *Fungal* sp. : Joshi,S.R.,R. Bhagobaty : ITS : partial : 239bp
HM569612.1 : *Fungal* sp. : Joshi,S.R.,R. Bhagobaty : ITS : partial : 240bp
HM581667.1 : *Fungal* sp. : Joshi,S.R.,R. Bhagobaty : 18-sr-RNA : partial : 746bp
HM581668.1 : *Fungal* sp. : Joshi,S.R.,R. Bhagobaty : 18-sr-RNA : partial : 740bp
HM581669.1 : *Fungal* sp. : Joshi,S.R.,R. Bhagobaty : 18-sr-RNA : partial : 742bp
HM581670.1 : *Fungal* sp. : Joshi,S.R.,R. Bhagobaty : 18-sr-RNA : partial : 748bp
HM581671.1 : *Fungal* sp. : Joshi,S.R.,R. Bhagobaty : 18-sr-RNA : partial : 749bp
HM596779.1 : *Fungal* sp. : Joshi,S.R.,R. Bhagobaty : BT : partial : 1026bp
HM596780.1 : *Fungal* sp. : Joshi,S.R.,R. Bhagobaty : BT : partial : 930bp
HM596781.1 : *Fungal* sp. : Joshi,S.R.,R. Bhagobaty : BT : partial : 1016bp
HM596782.1 : *Fungal* sp. : Joshi,S.R.,R. Bhagobaty : BT : partial : 1019bp
HM596783.1 : *Fungal* sp. : Joshi,S.R.,R. Bhagobaty : BT : partial : 1029bp
KT318608 : *Paenibacillus* sp : M. Nongkhlaw, D. Kalita,S.R. Joshi : 16S rRNA : Partial : 1417bp
KT318609 : *Paenibacillus* sp : M. Nongkhlaw, D. Kalita,S.R. Joshi : 16S rRNA : Partial : 1449bp
KT318610 : *Paenibacillus* sp : M. Nongkhlaw, D. Kalita,S.R. Joshi : 16S rRNA : Partial : 1435bp
KT318611 : *Bacillus* sp : M. Nongkhlaw, D. Kalita,S.R. Joshi : 16S rRNA : Partial : 1442bp
KT318612 : *Paenibacillus* sp : M. Nongkhlaw, D. Kalita,S.R. Joshi : 16S rRNA : Partial : 1426bp
KT318613 : *Bacillus* sp : M. Nongkhlaw, D. Kalita,S.R. Joshi : 16S rRNA : Partial : 1430bp
KT318614 : *Paenibacillus* sp : M. Nongkhlaw, D. Kalita,S.R. Joshi : 16S rRNA : Partial : 1435bp
KT318615 : *Bacillus* sp : M. Nongkhlaw, D. Kalita,S.R. Joshi : 16S rRNA : Partial : 1439bp
KT318616 : *Paenibacillus* sp : M. Nongkhlaw, D. Kalita,S.R. Joshi : 16S rRNA : Partial : 1439bp
GQ468395 : *Bacillus cereus* : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1459bp
GQ468396 : *Bacillus altitudinis* : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1506bp
GU270571 : *Staphylococcus warneri* : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1460bp
HQ232299 : *Bacillus licheniformis* : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1428bp
JF768706.1 : *Arthrobacter* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1408bp
JF768707.1 : *Arthrobacter* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1435bp
JF768708.1 : *Arthrobacter* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1428bp
JF768709.1 : *Arthrobacter* sp : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1436bp
JF768710.1 : *Bacillus* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1433bp
JF768711.1 : *Bacillus halmapalus* : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1424bp
JF768711.1 : *Bacillus* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1422bp
JF768712.1 : *Bacillus* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1446bp
JF768713.1 : *Bacillus halmapalus* : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1467bp
JF768713.1 : *Bacillus* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1467bp
JF768714.1 : *Bacillus* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1458bp
JF768715.1 : *Bacillus* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1457bp
JF768716.1 : *Chryseobacterium* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1420bp
JF768717.1 : *Lysinibacillus* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1460bp
JF768718.1 : *Lysinibacillus* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1463bp

JF768719.1 : *Microbacterium* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1431bp
JF768720.1 : *Microbacterium* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1419bp
JF768721.1 : *Paenibacillus* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1455bp
JF768722.1 : *Paenibacillus* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1461bp
JF768723.1 : *Paenibacillus* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1500bp
JF768724.1 : *Paenibacillus* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1462bp
JF768725.1 : *Paenibacillus* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1466bp
JF768726.1 : *Paenibacillus* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1457bp
JF768727.1 : *Paenibacillus* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1469bp
JF768728.1 : *Paenibacillus* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1459bp
JF768729.1 : *Paenibacillus* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1465bp
JF768730.1 : *Paenibacillus* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1462bp
JF768731.1 : *Paenibacillus* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1379bp
JF768732.1 : *Rhodococcus* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1429bp
JF768733.1 : *Sphingobacterium* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1343bp
JF768734.1 : *Sphingobacterium* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA: partial : 1445bp
JF768735.1 : *Sphingobacterium* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1438bp
JF768736.1 : *Sphingobacterium* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA: partial : 1414bp
JF768737.1 : *Sphingobacterium* sp. : Joshi SR,Kumar R,Acharya C : 16S rRNA: partial : 1440bp
JN164000 : *Lysinibacillus xylanilyticus* : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1425bp
JN164001 : *Bacillus halmapalus* : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1411bp
JN164002 : *Lysinibacillus sphaericus* : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial: 1403bp
JN164003 : *Lysinibacillus xylanilyticus* : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1456bp
JN164004 : *Bacillus thuringiensis* : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1400bp
JN164006 : *Paenibacillus alkaliterrae* : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1401bp
JN164007 : *Lysinibacillus xylanilyticus* : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1397bp
JN230423 : *Staphylococcus arlettae* : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1455bp
GQ468397 : *Burkholderia arbores* : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1440bp
GU270570 : *Stenotrophomonas maltophilia* : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1442bp
HM747953 : *Pseudomonas koreensis* : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial :1413bp
HM747951 : *Pseudomonas koreensis* : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial: 1416bp
HM747952 : *Pseudomonas ficuserectae* : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1405bp
HQ232300 : *Enterobacter kobei* : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1399bp
GQ468398 : *Citrobacter freundii* : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1410bp
GU270572 : *Acinetobacter beijerinckii* : Joshi SR,Kumar R,Acharya C : 16S rRNA : partial : 1439bp
GU270569 : *Serratia marcescens* subsp. Sakuensis : Joshi SR,Kumar R,Acharya C:16S rRNA : partial :1494bp
GQ468401 : *Serratia marcescens* subsp. sakuensis :Joshi SR,Kumar R,Acharya C :16S rRNA : partial :1481bp
GU270568 : *Serratia marcescens* subsp.sakuensis :Joshi SR,Kumar R,Acharya C : 16S rRNA : partial:1485bp
GQ468400 : *Serratia marcescens* subsp. sakuensis :Joshi SR,Kumar R,Acharya C : 16S rRNA : partial :1482bp
GU270567 : *Serratia marcescens* subsp.marcescens :Joshi SR,Kumar R,Acharya C:16S rRNA: partial :1439bp
HM747950:*Serratia marcescens* subsp. marcescens: Joshi SR,Kumar R,Acharya C:16S rRNA : partial : 1410bp
HM769816.1 : *Bacillus cereus* : Khaund P, Joshi SR : 16S rRNA : partial : 1479bp

HM769817.1 : *Bacillus subtilis* : Khaund P, Joshi SR : 16S rRNA : partial : 1480bp
HQ600965.1 : *Penicillium griseofulvum* : Khaund P, Joshi SR : 18S rRNA : partial : 719bp
HQ600966.1 : *Talaromyces byssochlamydoides* : Khaund P, Joshi SR : 18S rRNA : partial : 729bp
HQ600967.1 : *Aspergillus niger* : Khaund P, Joshi SR : 18S rRNA : partial : 736bp
HQ600968.1 : *Umbelopsis* sp. : Khaund P, Joshi SR : 18S rRNA : partial : 746bp
HQ600969.1 : *Penicillium charlesii* : Khaund P, Joshi SR : 18S rRNA : partial : 736bp
HQ600970.1 : *Paecilomyces carneus* : Khaund P, Joshi SR : 18S rRNA : partial : 728bp
HQ600971.1 : *Umbelopsis* sp. : Khaund P, Joshi SR : 18S rRNA : partial : 858bp
HQ600972.1 : *Davidiella* sp. : Khaund P, Joshi SR : 18S rRNA : partial : 716bp
HQ600973.1 : *Penicillium purpurogenum* : Khaund P, Joshi SR : 18S rRNA : partial : 736bp
HQ600974.1 : *Aspergillus* sp. : Khaund P, Joshi SR : 18S rRNA : partial : 743bp
HQ600975.1 : *Penicillium charlesii* : Khaund P, Joshi SR : 18S rRNA : partial : 727bp
HQ600976.1 : *Penicillium charlesii* : Khaund P, Joshi SR : 18S rRNA : partial : 729bp
HQ600977.1 : *Penicillium janthinellum* : Khaund P, Joshi SR : 18S rRNA : partial : 732bp
HQ600978.1 : *Paecilomyces lilacinus* : Khaund P, Joshi SR : 18S rRNA : partial : 730bp
HQ600979.1 : *Penicillium charlesii* : Khaund P, Joshi SR : 18S rRNA : partial : 729bp
HQ600980.1 : *Penicillium olsonii* : Khaund P, Joshi SR : 18S rRNA : partial : 731bp
HQ600981.1 : *Penicillium* sp. : Khaund P, Joshi SR : 18S rRNA : partial : 742bp
HQ600982.1 : *Aspergillus nige* : Khaund P, Joshi SR : 18S rRNA : partial : 730bp
HQ600983.1 : *Emericellopsis maritime* : Khaund P, Joshi SR : 18S rRNA : partial : 720bp
HQ600984.1 : *Apiospora* sp. : Khaund P, Joshi SR : 18S rRNA : partial : 729bp
JF927992.1 : *Mucor* sp. : Khaund P, Joshi SR : 18S rRNA : partial : 741bp
JF927993.1 : *Cladosporium* sp. : Khaund P, Joshi SR : 18S rRNA : partial : 744bp
JF927994.1 : *Trichoderma* sp. : Khaund P, Joshi SR : 18S rRNA : partial : 707bp
JF968421.1 : *Penicillium purpurogenum* : Khaund P, Joshi SR : 18S rRNA : partial : 485bp
JF968422.1 : *Penicillium charlesii* : Khaund P, Joshi SR : 18S rRNA : partial : 521bp
JF968423.1 : *Absidia glauca* : Khaund P, Joshi SR : 18S rRNA : partial : 762bp
JF968424.1 : *Fusarium* sp. : Khaund P, Joshi SR : 18S rRNA : partial : 743bp
JF968425.1 : *Alternaria alternate* : Khaund P, Joshi SR : 18S rRNA : partial : 727bp
JF968426.1 : *Penicillium* sp. : Khaund P, Joshi SR : 18S rRNA : partial : 741bp
JF968427.1 : *Penicillium chrysogenum* : Khaund P, Joshi SR : 18S rRNA : partial : 736bp
JF968428.1 : *Emericellopsis maritime* : Khaund P, Joshi SR : 18S rRNA : partial : 742bp
JF968429.1 : *Absidia glauca* : Khaund P, Joshi SR : 18S rRNA : partial : 755bp
JF968430.1 : *Penicillium* sp. : Khaund P, Joshi SR : 18S rRNA : partial : 749bp
JF968431.1 : *Purpureocillium lilacinum* : Khaund P, Joshi SR : 18S rRNA : partial : 739bp
JF968432.1 : *Thysanophora penicillioides* : Khaund P, Joshi SR : 18S rRNA : partial : 591bp
JF968433.1 : *Penicillium purpurogenum* : Khaund P, Joshi SR : 18S rRNA : partial : 743bp
JF968434.1 : *Thysanophora penicillioides* : Khaund P, Joshi SR : 18S rRNA : partial : 750bp
JF968435.1 : *Niesslia exilis* : Khaund P, Joshi SR : 18S rRNA : partial : 576bp
KF293400.1 : *Lactarius deliciosus* : Khaund P, Joshi SR : 18S rRNA : partial : 669bp
KF293401.1 : *Lactarius volemus* : Khaund P, Joshi SR : 18S rRNA : partial : 673bp
KF636761.1 : *Cantharellus cibarius* : Khaund P, Joshi SR : ITS : partial : 895bp

KJ411941.1 : *Turbinellus floccosus* : Khaund P, Joshi SR : 18S rRNA : partial : 663bp
KJ411942.1 : *Clavulina cristata* : Khaund P, Joshi SR : 18S rRNA : partial : 663bp
KJ411943.1 : *Lactarius deliciosus* : Khaund P, Joshi SR : 18S rRNA : partial : 744bp
KJ411944.1 : *Lactarius volemus* : Khaund P, Joshi SR : 18S rRNA : partial : 673bp
KJ411945.1 : *Cantharellus cibarius* : Khaund P, Joshi SR : 18S rRNA : partial : 659bp
KJ411946.1 : *Tricholoma viridiolivaceum* : Khaund P, Joshi SR : 18S rRNA : partial : 518bp
KJ411947.1 : *Inocybe aff.* : Khaund P, Joshi SR : 18S rRNA : partial : 518bp
KJ411948.1 : *Laccaria vinaceoavellanea* : Khaund P, Joshi SR : 18S rRNA : partial : 750bp
KJ411949.1 : *Albatrellus ellisii* : Khaund P, Joshi SR : 18S rRNA : partial : 749bp
KJ411950.1 : *Ramaria maculatipes* : Khaund P, Joshi SR : 18S rRNA : partial : 748bp
KJ411951.1 : *Turbinellus floccosus* : Khaund P, Joshi SR : ITS : partial : 813bp
KJ411952.1 : *Clavulina cristata* : Khaund P, Joshi SR : ITS : partial : 726bp
KJ411953.1 : *Tricholoma viridiolivaceum* : Khaund P, Joshi SR : 18S : partial : 647bp
KJ411954.1 : *Inocybe aff.* Sphaerospora : Khaund P, Joshi SR : 18S : partial : 700bp
KJ411955.1 : *Laccaria vinaceoavellanea* : Khaund P, Joshi SR : 18S : partial : 659bp
KJ411956.1 : *Albatrellus ellisii* : Khaund P, Joshi SR : ITS : partial : 680bp
KJ411957.1 : *Ramaria maculatipes* : Khaund P, Joshi SR : ITS : partial : 707bp
KJ411958.1 : *Turbinellus floccosus* : Khaund P, Joshi SR : RNA : partial : 728bp
KJ411959.1 : *Lactarius volemus* : Khaund P, Joshi SR : RNA : partial : 686bp
KJ411960.1 : *Cantharellus cibarius* : Khaund P, Joshi SR : RNA : partial : 804bp
KJ411961.1 : *Tricholoma viridiolivaceum* : Khaund P, Joshi SR : RNA : partial : 766bp
KJ411962.1 : *Inocybe aff.* Sphaerospora : Khaund P, Joshi SR : RNA : partial : 563bp
KJ411963.1 : *Albatrellus ellisii* : Khaund P, Joshi SR : RNA : partial : 567bp
KJ411964.1 : *Ramaria maculatipes* : Khaund P, Joshi SR : RNA : partial : 561bp
KJ411965.1 : *Turbinellus floccosus* : Khaund P, Joshi SR : RNA : partial : 695bp
KJ411966.1 : *Clavulina cristata* : Khaund P, Joshi SR : RNA : partial : 638bp
KJ411967.1 : *Lactarius deliciosus* : Khaund P, Joshi SR : RNA : partial : 733bp
KJ411968.1 : *Lactarius volemus* : Khaund P, Joshi SR : RNA : partial : 818bp
KJ411969.1 : *Tricholoma viridiolivaceum* : Khaund P, Joshi SR : RNA : partial : 690bp
KJ411970.1 : *Inocybe aff.* Sphaerospora : Khaund P, Joshi SR : RNA : partial : 724bp
KJ411971.1 : *Albatrellus ellisii* : Khaund P, Joshi SR : RNA : partial : 559bp
KJ411972.1 : *Ramaria maculatipes* : Khaund P, Joshi SR : RNA : partial : 732bp
JX402416 : *Bacillus thuringiensis* : Joshi, S.R. and Lyngwi, N.A. : 16S r RNA : Partial : 1475bp
JX402417 : *Lysinibacillus xylanilyticus* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1470bp
JX402418 : *Paenibacillus taichungensis* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1498bp
JX402419 : *Bacillus marisflavi* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1488bp
JX402420 : *Bacillus mycoides* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1488bp
JX402421 : *Bacillus thuringiensis* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1482bp
JX402422 : *Lysinibacillus parviboronicapiens* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 14822bp
JX402423 : *Bacillus aryabhatai* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1490bp
JX402424 : *Bacillus safensis* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1459bp
JX402425 : *Bacillus cereus* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1488bp

JX402426 : *Bacillus thuringiensis* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1489bp
JX402427 : *Bacillus flexus* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1488bp
JX402428 : *Bacillus sonorensis* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1474bp
JX402429 : *Bacillus methylotrophicus* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1460bp
JX402430 : *Viridibacillus arenosi* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1486bp
JX402431 : *Bacillus psychrosaccharolyticus* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1489bp
JX402432 : *Bacillus thuringiensis* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1484bp
JX402433 : *Bacillus cereus* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1486bp
JX402434 : *Bacillus weihenstephanensis* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1458bp
JX402435 : *Bacillus mycoides* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1498bp
JX402436 : *Bacillus aryabhattai* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1483bp
JX402437 : *Bacillus humi* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1475bp
JX402438 : *Bacillus simplex* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1476bp
JX402439 : *Paenibacillus tylopili* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1461bp
JX402440 : *Viridibacillus arvi* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1491bp
JX402441 : *Bacillus methylotrophicus* : Joshi, S. R and Lyngwi, N. A : 16S r RNA : Partial : 1451bp
KF874290 : *Bacillus thuringiensis* SG1 : Joshi, S. R and Lyngwi, N. A : accd : Partial : 837bp
KF874291 : *Lysinibacillus xylanilyticus* SG2 : Joshi, S. R and Lyngwi, N. A : accd : Partial : 801bp
KF874292 : *Paenibacillus taichungensis* SG3 : Joshi, S. R and Lyngwi, N. A : accd : Partial : 849bp
KF874293 : *Bacillus mycoides* SG5 : Joshi, S. R and Lyngwi, N. A : accd : Partial : 792bp
KF874294 : *Bacillus thuringiensis* SG6 : Joshi, S. R and Lyngwi, N. A : accd : Partial : 801bp
KF874295 : *Lysinibacillus parviboronicapiens* SG7 : Joshi, S. R and Lyngwi, N. A : accd : Partial : 801bp
KF874296 : *Bacillus safensis* SG9 : Joshi, S. R and Lyngwi, N. A : accd : Partial : 804bp
KF874297 : *Bacillus cereus* SG10 : Joshi, S. R and Lyngwi, N. A : accd : Partial : 840bp
KF874298 : *Bacillus thuringiensis* SG11 : Joshi, S. R and Lyngwi, N. A : accd : Partial : 837bp
KF874299 : *Bacillus sonorensis* SG13 : Joshi, S. R and Lyngwi, N. A : accd : Partial : 807bp
KF874300 : *Bacillus methylotrophicus* SG14 : Joshi, S. R and Lyngwi, N. A : accd : Partial : 795bp
KF874301 : *Viridibacillus arenosi* SG15 : Joshi, S. R and Lyngwi, N. A : accd : Partial : 801bp
KF874302 : *Bacillus thuringiensis* SG17 : Joshi, S. R and Lyngwi, N. A : accd : Partial : 837bp
KF874303 : *Bacillus cereus* SG18 : Joshi, S. R and Lyngwi, N. A : accd : Partial : 840bp
KF874304 : *Bacillus weihenstephanensis* SG19 : Joshi, S. R and Lyngwi, N. A : accd : Partial : 810bp
KF874305 : *Bacillus mycoides* SG20 : Joshi, S. R and Lyngwi, N. A : accd : Partial : 792bp
KF874306 : *Bacillus humi* SG22 : Joshi, S. R and Lyngwi, N. A : accd : Partial : 804bp
KF874307 : *Paenibacillus tylopili* SG24 : Joshi, S. R and Lyngwi, N. A : accd : Partial : 849bp
KF874308 : *Viridibacillus arvi* SG26 : Joshi, S. R and Lyngwi, N. A : accd : Partial : 801bp
KF874309 : *Bacillus methylotrophicus* SG27 : Joshi, S. R and Lyngwi, N. A : accd : Partial : 795bp
KF874310 : *Bacillus thuringiensis* SG1 : Joshi, S. R and Lyngwi, N. A : (asbA) : Partial : 1635bp
KF874311 : *Paenibacillus taichungensis* SG3 : Joshi, S. R and Lyngwi, N. A : (asbA) : Partial : 1654bp
KF874312 : *Bacillus mycoides* SG5 : Joshi, S. R and Lyngwi, N. A : (asbA) : Partial : 1714bp
KF874313 : *Bacillus thuringiensis* SG6 : Joshi, S. R and Lyngwi, N. A : (asbA) : Partial : 1596bp
KF874314 : *Bacillus cereus* SG10 : Joshi, S. R and Lyngwi, N. A : (asbA) : Partial : 1563bp
KF874315 : *Bacillus thuringiensis* SG11 : Joshi, S. R and Lyngwi, N. A : (asbA) : Partial : 1611bp

KF874316 : *Bacillus thuringiensis* SG17 : Joshi, S. R and Lyngwi, N. A : (asbA) : Partial : 1713bp

KF874317 : *Bacillus cereus* SG18 : Joshi, S. R and Lyngwi, N. A : (asbA) : Partial : 1491bp

KF874318 : *Bacillus weihenstephanensis* SG19 : Joshi, S. R and Lyngwi, N. A : (asbA) : Partial : 1691bp

KF874319 : *Bacillus mycoides* SG20 : Joshi, S. R and Lyngwi, N. A : (asbA) : Partial : 1701bp

KF874320 : *Paenibacillus tylopili* SG24 : Joshi, S. R and Lyngwi, N. A : (asbA) : Partial : 1662bp

JX469423 : *Aspergillus fumigatus* : Joshi SR and Lamabam S.D. : ITS : Partial : 574bp

JX853767 : *Fusarium oxysporum* : Joshi SR and Lamabam S.D. : ITS : Partial : 518bp

JX469424 : *Aspergillus niger* : Joshi SR and Lamabam S.D. : ITS : Partial : 581bp

JX853766 : *Cladosporium cladosporioides* : Joshi SR and Lamabam S.D. : ITS : Partial : 512bp

JX469419 : *Aspergillus niger* : Joshi SR and Lamabam S.D. : ITS : Partial : 573bp

JX469420 : *Aspergillus tamarii* : Joshi SR and Lamabam S.D. : ITS : Partial : 490bp

JX469421 : *Alternaria solani* : Joshi SR and Lamabam S.D. : ITS : Partial : 541bp

JX469422 : *Penicillium funiculosum* : Joshi SR and Lamabam S.D. : ITS : Partial : 554bp

JX853765 : *Cryptosporiopsis ericae* : Joshi SR and Lamabam S.D. : ITS : Partial : 538bp

KF358718 : *Arthrinium* sp : Joshi SR and Lamabam S.D. : ITS : Partial : 557bp

KF358719 : *Paecilomyces lilacinus* : Joshi SR and Lamabam S.D. : ITS : Partial : 532bp

KF358720 : *Penicillium ochrochloron* : Joshi SR and Lamabam S.D. : ITS : Partial : 563bp

JN040731 : *Aspergillus* sp : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 712bp

JN247750 : *Penicillium* sp. : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 724bp

JN040743 : *Penicillium decumbens* : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 720bp

JN040746 : *Penicillium purpurogenum* : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 669bp

JN040747 : *Penicillium piceum* : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 722bp

JN247760 : *Penicillium griseofulvum* : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 741bp

JN040728 : *Penicillium purpurogenum* : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 718bp

JN040733 : *Penicillium* sp. : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 743bp

JN040744 : *Chromocleista malachitea* : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 721bp

JN040737 : *Chromocleista malachitea* : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 720bp

JN040748 : *Thysanophora longispora* : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 744bp

JN040735 : *Talaromyces leycettanus* : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 707bp

JN040739 : *Penicillium piceum* : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 730bp

JN040738 : *Talaromyces leycettanus* : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 443bp

JN247757 : *Nectria lugdunensis* : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 665bp

JN040741 : *Fusarium oxysporum* : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 743bp

JN040749 : *Cladosporium* sp. : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 745bp

JN040745 : *Hypocrea koningii* : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 723bp

JN247755 : *Pleurostomophora richardsiae* : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 663bp

JN247749 : *Mortierella wolfii* : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 663bp

JN040732 : *Fusarium oxysporum* : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 722bp

JN040730 : *Fusarium* sp. : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 739bp

JN040736 : *Apiospora montagnei* : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 743bp

JN860210 : *Aspergillus terreus* : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 743bp

JN247752 : *Hypocrea koningii* : Joshi SR and Lamabam S.D. : 18S rRNA : Partial : 746bp

JN247758 : *Mucor genevensis* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 741bp
JN247753 : *Aspergillus fumigates* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 722bp
JN247751 : *Absidia glauca* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 685bp
JQ256464 : *Penicillium* sp. : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 701bp
JQ256465 : *Penicillium purpurogenum* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 696bp
JQ256466 : *Penicillium* sp. : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 705bp
JQ256467 : *Penicillium chrysogenum* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 580bp
JQ256468 : *Fusarium oxysporum* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 720bp
JQ256469 : *Aspergillus versicolor* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 702bp
JQ256470 : *Talaromyces flavus* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 707bp
JQ256473 : *Penicillium purpurogenum* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 653bp
JQ256474 : *Chamaeleomyces granulomatis* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 599bp
JQ256475 : *Penicillium decumbens* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 672bp
JQ074019 : *Absidia glauca* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 769bp
JQ074020 : *Talaromyces byssochlamydoides* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 750bp
JQ074021 : *Penicillium purpurogenum* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 749bp
JQ074022 : *Talaromyces flavus* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 735bp
JQ074023 : *Fusarium* sp. : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 742bp
JQ074024 : *Fusarium* sp. : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 743bp
JQ074025 : *Fusarium oxysporum* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 731bp
JQ074026 : *Aspergillus nomius* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 734bp
JQ074027 : *Penicillium purpurogenum* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 744bp
JQ074028 : *Talaromyces flavus* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 742bp
JQ074029 : *Penicillium* sp. : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 752bp
JQ074030 : *Chromocleista malachitea* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 741bp
JQ074031 : *Penicillium* sp. : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 738bp
JQ074032 : *Hypocrea rufa* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 732bp
JQ074033 : *Penicillium decumbens* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 736bp
JQ074034 : *Penicillium* sp. : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 726bp
JQ074036 : *Talaromyces flavus* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 747bp
JQ281523 : *Aspergillus versicolor* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 703bp
JQ281524 : *Tricoderma* sp. : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 669bp
JQ281525 : *Talaromyces byssochlamydoides* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 690bp
JQ281526 : *Fusarium oxysporum* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 701bp
JQ281527 : *Penicillium decumbens* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 713bp
JQ281528 : *Hypocrea rufa* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 705bp
JQ281529 : *Fusarium oxysporum* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 691bp
JQ281530 : *Talaromyces flavus* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 703bp
JQ281531 : *Hypocrea rufa* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 729bp
JQ824836 : *Aspergillus flavus* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 670bp
JQ824837 : *Talaromyces flavus* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 701bp
JQ824838 : *Aspergillus awamori* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 713bp

JQ824839 : *Penicillium* sp. : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 700bp
JQ824840 : *Aspergillus fumigates* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 712bp
JF927993 : *Trichoderma viride* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 744bp
JF968421 : *Penicillium purpurogenum* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 485bp
JF968422 : *Penicillium charlesii* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 521bp
JF968423 : *Absidia gluaca* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 762bp
JF968424 : *Fusarium oxysporum* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 743bp
JF968425 : *Alternaria alternata* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 727bp
JF968426 : *Penicillium griseofulvum* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 741bp
JF968429 : *Absidia gluaca* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 755bp
JF968433 : *Penicillium purpurogenum* : Joshi SR and Lamabam S.D, : 18S rRNA : Partial : 743bp
JF968434 : *Thysanophora penicillioides* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 750bp
HQ600965 : *Penicillium griseofulvum* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 719bp
HQ600968 : *Umbelopsis* sp. : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 746bp
HQ600969 : *Penicillium charlesii* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 736bp
HQ600971 : *Umbilopses* sp. : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 858bp
HQ600972 : *Davidiella tassiana* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 712bp
HQ600973 : *Penicillium purpurogenum* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 736bp
HQ600974 : *Aspergillus* sp. : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 743bp
HQ600975 : *Penicillium charlesii* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 727bp
HQ600976 : *Penicillium charlesii* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 729bp
HQ600977 : *Penicillium janthinellum* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 732bp
HQ600978 : *Paecilomyces lilacinus* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 730bp
HQ600979 : *Penicillium charlesii* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 729bp
HQ600980 : *Penicillium olsonii* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 731bp
HQ600981 : *Penicillium glabrum* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 742bp
HQ600982 : *Aspergillus niger* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 730bp
HQ600984 : *Apiospora montagnei* : Joshi SR and Lamabam S.D : 18S rRNA : Partial : 729bp
HQ141620 : *Lactobacillus pobuzihii* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1498bp
HQ141621 : *Lactobacillus pobuzihii* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1479bp
HQ141622 : *Lactobacillus pobuzihii* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1482bp
HQ141623 : *Lactobacillus pobuzihii* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1487bp
HQ141624 : *Lactobacillus pobuzihii* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1477bp
JN680705 : *Lactobacillus pentosus* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1510bp
JN680706 : *Lactobacillus rossiae* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1507bp
JN680707 : *Lactobacillus plantarum* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1519bp
JN680708 : *Lactobacillus rossiae* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1504bp
HQ141625 : *Bacillus subtilis* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1470bp
JF804773 : *Bacillus thuringiensis* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1451bp
JF804774 : *Bacillus thuringiensis* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1474bp
JF804770 : *Staphylococcus saprophyticus* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1481bp
JF804771 : *Staphylococcus saprophyticus* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1434bp

JN680696 : *Staphylococcus saprophyticus* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1432bp
JF804772 : *Staphylococcus saprophyticus* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1458bp
JN255522 : *Staphylococcus* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1423bp
JN255524 : *Staphylococcus* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1402bp
JN255521 : *Staphylococcus gallinarum* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1366bp
JN255525 : *Staphylococcus condimentii* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1486bp
JN255523 : *Staphylococcus* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1334bp
JN680701 : *Staphylococcus* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1485bp
JN680702 : *Staphylococcus saprophyticus* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1483bp
JN680697 : *Staphylococcus* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1487bp
JN680698 : *Enterobacter* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1439bp
JN680699 : *Enterobacter* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1467bp
JN680700 : *Enterobacter* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1474bp
JN680703 : *Enterobacter* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1469bp
JN680704 : *Raoultella* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1473bp
KC478503 : *Lactobacillus plantarum* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1461bp
KC478504 : *Lactobacillus plantarum* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1473bp
KC478505 : *Lactobacillus xiangfangensis* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1482bp
KC478506 : *Lactobacillus pentosus* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1511bp
KC478507 : *Lactobacillus plantarum* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1483bp
KC478508 : *Enterococcus faecium* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1486bp
KC478509 : *Enterococcus faecium* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1519bp
KC478510 : *Enterococcus gallinarum* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1455bp
KC478511 : *Enterococcus faecalis* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1510bp
KC478512 : *Enterococcus faecium* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1474bp
KC478513 : *Enterococcus faecium* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1482bp
KC478514 : *Enterococcus faecium* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1481bp
KC478515 : *Enterococcus casseliflavus* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1464bp
HQ141620 : *Lactobacillus pobuzihii* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1498bp
HQ141621 : *Lactobacillus pobuzihii* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1479bp
HQ141622 : *Lactobacillus pobuzihii* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1482bp
HQ141623 : *Lactobacillus pobuzihii* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1487bp
HQ141624 : *Lactobacillus pobuzihii* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1477bp
JN680705 : *Lactobacillus pentosus* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1510bp
JN680706 : *Lactobacillus rossiae* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1507bp
JN680707 : *Lactobacillus plantarum* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1519bp
JN680708 : *Lactobacillus rossiae* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1504bp
HQ141625 : *Bacillus subtilis* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1470bp
JF804773 : *Bacillus thuringiensis* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1451bp
JF804774 : *Bacillus thuringiensis* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1474bp
JF804770 : *Staphylococcus saprophyticus* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1481bp
JF804771 : *Staphylococcus saprophyticus* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1434bp

JN680696 : *Staphylococcus saprophyticus* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1432bp
JF804772 : *Staphylococcus saprophyticus* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1458bp
JN255522 : *Staphylococcus* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1423bp
JN255524 : *Staphylococcus* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1402bp
JN255521 : *Staphylococcus gallinarum* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1366bp
JN255525 : *Staphylococcus condimenti* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1486bp
JN255523 : *Staphylococcus* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1334bp
JN680701 : *Staphylococcus* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1485bp
JN680702 : *Staphylococcus saprophyticus* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1483bp
JN680697 : *Staphylococcus* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1487bp
JN680698 : *Enterobacter* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1439bp
JN680699 : *Enterobacter* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1467bp
JN680700 : *Enterobacter* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1474bp
JN680703 : *Enterobacter* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1469bp
JN680704 : *Raoultella* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1473bp
KC478503 : *Lactobacillus plantarum* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1461bp
KC478504 : *Lactobacillus plantarum* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1473bp
KC478505 : *Lactobacillus xiangfangensis* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1482bp
KC478506 : *Lactobacillus pentosus* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1511bp
KC478507 : *Lactobacillus plantarum* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1483bp
KC478508 : *Enterococcus faecium* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1486bp
KC478509 : *Enterococcus faecium* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1519bp
KC478510 : *Enterococcus gallinarum* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1455bp
KC478511 : *Enterococcus faecalis* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1510bp
KC478512 : *Enterococcus faecium* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1474bp
KC478513 : *Enterococcus faecium* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1482bp
KC478514 : *Enterococcus faecium* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1481bp
KC478515 : *Enterococcus casseliflavus* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1464bp
JX188047 : *Lactobacillus* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 545bp
JX188046 : *Lactobacillus plantarum* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 548bp
JX188048 : *Lactobacillus brevis* : SR Joshi and George F Rapsang : 16S rRNA : Partial : 518bp
JX500091 : *Lactobacillus* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 748bp
JX500092 : *Lactobacillus* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 499bp
JX500093 : *Lactobacillus* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 1537bp
JX500094 : *Lactobacillus* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 455bp
JX500095 : *Lactobacillus* sp. : SR Joshi and George F Rapsang : 16S rRNA : Partial : 577bp
JN613282 : *Serratia marcescens* cenA : SR Joshi and Fenella MW Nongkhilaw : 16S rRNA : Partial : 1,368 bp
JN613283 : *Bacillus subtilis* cenB : SR Joshi and Fenella MW Nongkhilaw : 16S rRNA : Partial : 1,411 bp
JN628288 : *Bacillus tequilensis* CEN3E : SR Joshi and Fenella MW Nongkhilaw : 16S rRNA : Partial : 1,404 bp
JN628290 : *Bacillus aryabhattai* CEN5E : SR Joshi and Fenella MW Nongkhilaw : 16S rRNA : Partial : 1,338 bp
JN628291 : *Bacillus thuringiensis* CEN6E : SR Joshi and Fenella MW Nongkhilaw : 16S rRNA : Partial : 1,290 bp
JN628292 : *Pantoea eucalypti* CEN7E : SR Joshi and Fenella MW Nongkhilaw : 16S rRNA : Partial : 1,256 bp

JX298807 : *Bacillus* sp. F21 : SR Joshi and Fenella MW Nongkhlaw : 16S rRNA : Partial : 1,420 bp
JN585959 : *Paenibacillus uliginis* C22 : SR Joshi and Fenella MW Nongkhlaw : 16S rRNA : Partial : 373 bp
JN585960 : *Bacillus siamensis* : SR Joshi and Fenella MW Nongkhlaw : 16S rRNA : Partial : 401 bp
JN418870 : *Lysinibacillus xylanilyticus* F1 : SR Joshi and Fenella MW Nongkhlaw : 16S rRNA : Partial : 401 bp
JX390622 : *Bacillus thuringiensis* F41 : SR Joshi and Fenella MW Nongkhlaw : 16S rRNA : Partial : 1,412 bp
JN653461 : *Enterobacter* sp. EP2a : SR Joshi and Fenella MW Nongkhlaw : 16S rRNA : Partial : 1,253 bp
JN418873 : *Curtobacterium citreum* E4 : SR Joshi and Fenella MW Nongkhlaw : 16S rRNA : Partial : 381 bp
JQ236632 : *Bacillus methylotrophicus* POTA:SR Joshi and Fenella MW Nongkhlaw :16S rRNA :Partial:1418bp
JQ770186 :*Herminiimonas saxobidens* AA : SR Joshi and Fenella MW Nongkhlaw :16S rRNA :Partial :1399 bp
JQ281538 : *Bacillus thuringiensis* POT1 : SR Joshi and Fenella MW Nongkhlaw : 16S rRNA : Partial : 1412 bp
JQ281539:*Pseudomonas palleroniana* POT2 : SR Joshi and FMW Nongkhlaw : 16S rRNA : Partial : 1405 bp
JQ007727 : *Comamonas* sp. POUX : SR Joshi and Fenella MW Nongkhlaw : 16S rRNA : Partial : 1399 bp
JQ281541 :*Stenotrophomonas maltophilia* POT5 :SR Joshi and Fenella MW Nongkhlaw :16S rRNA :Partial:1403 bp
JQ770187:*Pseudomonas palleroniana* Y1 :SR Joshi and Fenella MW Nongkhlaw : 16S rRNA : Partial :1406 bp
JQ770188 : *Pseudomonas argentinensis* Y2 :SR Joshi and Fenella MW Nongkhlaw :16S rRNA :Partial:1407 bp
JQ236625 :*Pseudomonas baetica* ENIB7 : SR Joshi and Fenella MW Nongkhlaw : 16S rRNA : Partial : 1399 bp
JQ446440 : *Pantoea eucalypti* Y5- : SR Joshi and Fenella MW Nongkhlaw : 16S rRNA : Partial : 1412 bp
JQ446442 : *Bacillus thuringiensis* Y7: SR Joshi and Fenella MW Nongkhlaw : 16S rRNA : Partial : 1425 bp
JQ074052 : *Leclercia adecarboxylata* CC4:SR Joshi and Fenella MW Nongkhlaw : 16S rRNA : Partial : 1270 bp
JQ074054 : *Exiguobacterium indicum* CC8:SR Joshi and Fenella MW Nongkhlaw : 16S rRNA: Partial : 1372 bp
JQ292906 : *Buttiauxella izardii* M22 : SR Joshi and Fenella MW Nongkhlaw : 16S rRNA : Partial : 840 bp
JN585958 : *Lysinibacillus xylanilyticus* C21 : SR Joshi and Fenella MW Nongkhlaw : 16S rRNA :Partial:396 bp
JX298809 : *Bacillus mycoides* M31 : SR Joshi and Fenella MW Nongkhlaw : 16S rRNA : Partial : 1456bp
JX390623 : *Citrobacter youngae* ME5 : SR Joshi and Fenella MW Nongkhlaw : 16S rRNA : Partial : 1447 bp
JN418875 : *Bacillus thuringiensis* MEA7 : SR Joshi and Fenella MW Nongkhlaw : 16S rRNA : Partial : 387 bp
JX390624:*Raoultella ornithinolytica* ME11:SR Joshi and FMW Nongkhlaw:16SrRNA:Partial: 1442 bp
JN680692 : *Enterobacter soli* MEA10- : SR Joshi and Fenella MW Nongkhlaw : 16S rRNA : Partial : 1331bp
KC841158 : *Lactobacillus curvatus* : Kojiam,K. and Joshi,S.R : priming glycosyltransferase:partial : 201bp
KC841160 : *Lactobacillus fermentum* : Kojiam,K. and Joshi,S.R : dextranucrase : partial : 576bp
KC841161 : *Lactobacillus fermentum* : Kojiam,K. and Joshi,S.R : dextranucrase : partial : 603bp
KC841162 : *Lactobacillus fermentum* : Kojiam,K. and Joshi,S.R : dextranucrase : partial : 524bp
KC841159:*Vagococcus lutrae*:Kojiam,K. and Joshi,S.R :putative glycosyl phosphotransferase:partial: 201bp
KX951469 : *Iiyonectria* sp. : SR Joshi, Susmita Paul, RK Bhagobaty and MC Nihalani : ITS : Partial: 473bp
KX951470 : *Xylariales* sp. : SR Joshi, Susmita Paul, RK Bhagobaty and MC Nihalani : ITS : Partial: 462bp
KX951471 : *Phoma labilis* : SR Joshi, Susmita Paul, RK Bhagobaty and MC Nihalani : ITS : Partial: 477bp
KX951472 : *Phoma exigua* : SR Joshi, Susmita Paul, RK Bhagobaty and MC Nihalani : ITS : Partial: 491bp
KX951473 : *Diaporthe* sp. : SR Joshi, Susmita Paul, RK Bhagobaty and MC Nihalani : ITS : Partial: 461bp
KX951474:*Iiyonectria radicola* : SR Joshi, Susmita Paul, RK Bhagobaty and MC Nihalani:ITS:Partial: 481bp
KX951475 : *Diaporthales* sp. : SR Joshi, Susmita Paul, RK Bhagobaty and MC Nihalani : ITS : Partial : : 460bp
KX951476 :*Colletotrichum gloeosporoids*: SR Joshi, Susmita Paul,RK Bhagobaty and MC Nihalani:ITS :510bp
KX951477:*Colletotrichum gloeosporoids*: SR Joshi, Susmita Paul,RK Bhagobaty and MC Nihalani:ITS:464bp
KX951478:*Colletotrichum gloeosporoids*: SR Joshi, Susmita Paul,RK Bhagobaty and MC Nihalani:ITS: 458bp

KX951479 : *Phomopsis* sp. :SR Joshi, Susmita Paul, RK Bhagobaty and MC Nihalani : ITS : Partial: 443bp
KX951480 : *Phomopsis* sp. : SR Joshi, Susmita Paul, RK Bhagobaty and MC Nihalani : ITS : Partial: 490bp
KX951481 : *Colletotrichum gloeosporoids* :SR Joshi,Susmita Paul,RK Bhagobaty and MC Nihalani:ITS:469bp
KX951482 : *Fusarium solani* : SR Joshi, Susmita Paul, RK Bhagobaty and MC Nihalani : ITS : Partial: 460bp
KX951483 : *Pseudocosmospora vilior* : SR Joshi, Susmita Paul, RK Bhagobaty and MC Nihalani : ITS :495bp
JN600439.1 : *Acidobacteria bacterium* RMSRJ93 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial
JN600438.1 : *Beta proteobacterium* RMSRJ92 : : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial
JN600437.1 : *Firmicutes bacterium* RMSRJ91 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial
JN600436.1 : *Firmicutes bacterium* RMSRJ90 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial
JN600435.1 : *Beta roteobacterium* RMSRJ89 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial
JN600434.1 : *Gamma proteobacterium* RMSRJ88 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial
JN600433.1 : *Acidobacteria bacterium* RMSRJ87 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial
JN600432.1 : *Acidobacteria bacterium* RMSRJ86 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial
JN600431.1 : *Firmicutes bacterium* RMSRJ85 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial
JN600430.1 : *Alpha proteobacterium* RMSRJ84 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial
JN600429.1 : *Chlorobi bacterium* RMSRJ83 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial
JN600428.1 : *Alpha proteobacterium* RMSRJ82 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial
JN600427.1 : *Alpha proteobacterium* RMSRJ81 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial
JN600426.1 : *Beta proteobacterium* RMSRJ80 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial
JN600425.1 : *Alpha proteobacterium* RMSRJ79 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial
JN600424.1 : *Beta proteobacterium* RMSRJ78 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial
JN600423.1 : *Alpha proteobacterium* RMSRJ77 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial
JN600422.1 : *Acidobacteria bacterium* RMSRJ76 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial
JN600421.1 : *Acidobacteria bacterium* RMSRJ75 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial
JN600420.1 : *Beta proteobacterium* RMSRJ74 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial
JN600419.1 : *Gamma proteobacterium* RMSRJ73 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial
JN600418.1 : *Acidobacteria bacterium* RMSRJ72 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial
JN600417.1 : *Gamma proteobacterium* RMSRJ71 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA
JN600416.1 : *Verrucomicrobium* sp. RMSRJ70 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial
JN600415.1 : *Acidobacteria bacterium* RMSRJ69 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial
JN600414.1 : *Actinobacterium* RMSRJ68 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial
JN600413.1 : *Actinobacterium* RMSRJ67 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial
JN600412.1 : *Acidobacteria bacterium* RMSRJ66 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial
JN600411.1 : *Actinobacterium* RMSRJ65 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial
JN600410.1 : *Firmicutes bacterium* RMSRJ64 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial
JN600409.1 : *Acidobacteria bacterium* RMSRJ63 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial
JN600408.1 : *Alph proteobacterium* RMSRJ62 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial
JN600407.1 : *Chloroflexi bacterium* RMSRJ61 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial
JN600406.1 : *Delta proteobacterium* RMSRJ60 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial
JN600405.1 : *Acidobacteria bacterium* RMSRJ59 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial
JN600404.1 : *Delta proteobacterium* RMSRJ58 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial
JN600403.1 : *Delta proteobacterium* RMSRJ57 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600402.1 : *Firmicutes bacterium* RMSRJ46 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600401.1 : *Firmicutes bacterium* RMSRJ45 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600400.1 : *Gamma proteobacterium* RMSRJ44 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600399.1 : *Gamma proteobacterium* RMSRJ43 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600398.1 : *Firmicutes bacterium* RMSRJ42 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600397.1 : *Actinobacterium* RMSRJ41 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600396.1 : *Beta proteobacterium* RMSRJ40 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600395.1 : *Beta proteobacterium* RMSRJ39 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600394.1 : *Acidobacteria bacterium* RMSRJ38 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial

JN600393.1 : *Acidobacteria bacterium* RMSRJ37 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial

JN600392.1 : *Acidobacteria bacterium* RMSRJ36 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial

JN600391.1 : *Delta proteobacterium* RMSRJ35 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial

JN600390.1 : *Verrucomicrobium* sp. RMSRJ34 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial

JN600389.1 : *Acidobacteria bacterium* RMSRJ33 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600388.1 : *Beta proteobacterium* RMSRJ32 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600387.1 : *Acidobacteria bacterium* RMSRJ31 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial

JN600386.1 : *Beta proteobacterium* RMSRJ30 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial

JN600385.1 : *Acidobacteria bacterium* RMSRJ29 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600384.1 : *Acidobacteria bacterium* RMSRJ28 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial

JN600383.1 : *Acidobacteria bacterium* RMSRJ27 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600382.1 : *Chloroflexi bacterium* RMSRJ26 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600381.1 : *Alpha proteobacterium* RMSRJ25 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial

JN600380.1 : *Alpha proteobacterium* RMSRJ24 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600379.1 : *Alpha proteobacterium* RMSRJ23 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial

JN600378.1 : *Alpha proteobacterium* RMSRJ22 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial

JN600377.1 : *Alpha proteobacterium* RMSRJ21 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial

JN600376.1 : *Firmicutes bacterium* RMSRJ20 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600375.1 : *Beta proteobacterium* RMSRJ19 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial

JN600374.1 : *Delta proteobacterium* RMSRJ18 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial

JN600373.1 : *Alpha proteobacterium* RMSRJ17 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600372.1 : *Alpha proteobacterium* RMSRJ16 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial

JN600371.1 : *Alpha proteobacterium* RMSRJ15 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600370.1 : *Acidobacteria bacterium* RMSRJ14 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600369.1 : *Beta proteobacterium* RMSRJ13 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600368.1 : *Beta proteobacterium* RMSRJ12 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600367.1 : *Firmicutes bacterium* RMSRJ11 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600366.1 : *Acidobacteria bacterium*:RMSRJ10 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600365.1 : *Acidobacteria bacterium* RMSRJ9 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial

JN600364.1 : *Alpha proteobacterium* RMSRJ8 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600363.1 : *Acidobacteria bacterium* RMSRJ6 : R Kumar, M Nongkhlaw and SR Joshi :16SrRNA : partial

JN600362.1 : *Gamma proteobacterium* RMSRJ5 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial

JN600361.1 : *Gamma proteobacterium* RMSRJ4 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial

JN600360.1 : *Gamma proteobacterium* RMSRJ3 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial
JN600359.1 : *Acidobacteria bacterium* RMSRJ2 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial
JN600358.1 : *Beta proteobacterium* RMSRJ1 : R Kumar, M Nongkhlaw and SR Joshi : 16SrRNA : partial
KY216110 : *Absidia* sp. MER-R1 : S. R. Joshi, H. Romola Devi, M. S. Dkhar : ITS1 : 475bp
KY216111 : *Penicillium kojigenum* MER-01 : S. R. Joshi, H. Romola Devi, M. S. Dkhar : ITS1 : 565 bp
KY216112 : *Cladosporium sphaerospermum* MER-02 : S. R. Joshi, H. Romola Devi, M. S. Dkhar : ITS1 : 571 bp
KY216113 : *Penicillium atramentosum* MER-03 : S. R. Joshi, H. Romola Devi, M. S. Dkhar : ITS1 : 556 bp
KY216114 : *Aspergillus ruber* MER-04 : S. R. Joshi, H. Romola Devi, M. S. Dkhar : ITS4 : 560 bp
KY216115 : *Fusarium oxysporum* MER-05 : S. R. Joshi, H. Romola Devi, M. S. Dkhar : ITS1 : 566 bp
KY216116 : *Trichoderma atroviride* MER-06 : S. R. Joshi, H. Romola Devi, M. S. Dkhar : ITS1 : 569 bp
KY216117 : *Penicillium aurantiogriseum* MER-08 : S. R. Joshi, H. Romola Devi, M. S. Dkhar : ITS1 : 573 bp
KY216118 : *Metarhizium* sp. MER-14 : S. R. Joshi, H. Romola Devi, M. S. Dkhar : ITS1 : 612 bp
KY216119 : *Trichoderma* sp. MER-10 : S. R. Joshi, H. Romola Devi, M. S. Dkhar : ITS4 : 581 bp
KY216120 : *Penicillium* sp. MER-603 : S. R. Joshi, H. Romola Devi, M. S. Dkhar : ITS1 : 619 bp
KY216121 : *Trichoderma amazonicum* MER-09 : S. R. Joshi, H. Romola Devi, M. S. Dkhar : ITS4 : 606 bp
KY216122 : *Talaromyces* sp. MER-606 : S. R. Joshi, H. Romola Devi, M. S. Dkhar : ITS1 : 572 bp
KY216123 : *Penicillium simplicissimum* MER-PC : S. R. Joshi, H. Romola Devi, M. S. Dkhar : ITS4 : 613 bp
KY216124 : *Trichoderma koningii* MER-508 : S. R. Joshi, H. Romola Devi, M. S. Dkhar : ITS1 : 588 bp
KY216125 : *Aspergillus sydowii* MER-913 : S. R. Joshi, H. Romola Devi, M. S. Dkhar : ITS1 : 577 bp
KY216126 : *Backusella tuberculispora* MER-31 : S. R. Joshi, H. Romola Devi, M. S. Dkhar : ITS4 : 625 bp
KY216127 : *Pochonia rubescens* MER-GN : S. R. Joshi, H. Romola Devi, M. S. Dkhar : ITS1 : 571 bp
KY216128 : *Clonostachys* sp. MER-605 : S. R. Joshi, H. Romola Devi, M. S. Dkhar : ITS1 : 567 bp
KY216129 : *Chaunopychnis* sp. MER-12 : S. R. Joshi, H. Romola Devi, M. S. Dkhar : ITS1 : 607 bp
KY216130 : *Clonostachys* sp. MER-104 : S. R. Joshi, H. Romola Devi, M. S. Dkhar : ITS4 : 611 bp
KY216131 : *Clonostachys candelabrum* MER-D : S. R. Joshi, H. Romola Devi, M. S. Dkhar : ITS4 : 540 bp
KY216132 : *Trichoderma erinaceum* MER-A2 : S. R. Joshi, H. Romola Devi, M. S. Dkhar : ITS1 : 584 bp
KY594002 : *Pleurotus ostreatus* : M Borthakur, and SR Joshi : ITS : partial : 553bp
KY594003 : *Myrothecium verrucaria* : M Borthakur, J Gogoi and SR Joshi : ITS : partial : 749 bp
KY594004 : *Penicillium striatisporum* : M Borthakur, J Gogoi and SR Joshi : ITS : partial : 615 bp
KY883344 : *Scleroderma citrinum* : M Borthakur and SR Joshi : ITS : partial : 693bp
KX011029 : *Pseudomonas* sp. W2 : Debajit Kalita and SR Joshi : 16SrRNA : partial
KX953851 : *Providencia* sp DKSJ S7 : Debajit Kalita and SR Joshi : 16SrRNA : partial
AJ575658 : *Paenibacillus jamilae* PKR1 : Debajit Kalita and SR Joshi : 16SrRNA : partial
JF768708 : *Arthrobacter* sp RSBA 1 : Debajit Kalita and SR Joshi : 16SrRNA : partial
MG234433 : *Bacillus amyloliquefaciens* Banerjee, A., Joshi, S.R.: 16S rRNA : Partial: 1475bp
MG234434 : *Bacillus velezensis* Banerjee, A., Joshi, S.R.: 16S rRNA : Partial: 1464bp
MG234435 : *Bacillus subtilis* Banerjee, A., Joshi, S.R.: 16S rRNA : Partial: 1459bp
MG234436 : *Curtobacterium* sp. Banerjee, A., Joshi, S.R.: 16S rRNA : Partial: 1395bp
MG234437 : *Acinetobacter baumannii* Banerjee, A., Joshi, S.R.: 16S rRNA : Partial: 1449bp
MG234438 : *Bacillus megaterium* Banerjee, A., Joshi, S.R.: 16S rRNA : Partial: 1472bp
MG234439 : *Bacillus pumilus* Banerjee, A., Joshi, S.R.: 16S rRNA : Partial: 1462bp
MG234440 : *Bacillus pumilus* Banerjee, A., Joshi, S.R.: 16S rRNA : Partial: 1480bp

MG234441: *Curtobacterium luteum* Banerjee, A., Joshi,S.R.: 16S rRNA : Partial: 1405bp
MG234442: *Curtobacterium* Banerjee, A., Joshi,S.R.: 16S rRNA : Partial: 1435bp
MG234443: *Enterobacter cloacae* Banerjee, A., Joshi,S.R.: 16S rRNA : Partial: 1413bp
MG234444: *Bacillus licheniformis* Banerjee, A., Joshi,S.R.: 16S rRNA : Partial: 1455bp
MG234445: *Achromobacter* sp. Banerjee, A., Joshi,S.R.: 16S rRNA : Partial: 1443bp
MG234446: *Streptomyces* sp. Banerjee, A., Joshi,S.R.: 16S rRNA : Partial: 1411bp
MG234447: *Bacillus mycoides* Banerjee, A., Joshi,S.R.: 16S rRNA : Partial: 1466bp
MG234448: *Alcaligenes faecalis* Banerjee, A., Joshi,S.R.: 16S rRNA : Partial: 1516bp
MG234449: *Alcaligenes faecalis* Banerjee, A., Joshi,S.R.: 16S rRNA : Partial: 1443bp
MG181224: *Enterobacter mori* DKSRJ.DK2 : SR Joshi and Debajit Kalita: 16S rRNA : Partial : 1,460 bp
MF564074: *Penicillium chrysogenum*; SR Joshi and DA Bareh; ITS gene sequence; 545 bp
MF564075: *Penicillium manginii*; SR Joshi and DA Bareh; ITS gene sequence; 516 bp
MF564076: *Penicillium striatisporum*; SR Joshi and DA Bareh; ITS gene sequence; 530 bp
MF564077: *Penicillium chrysogenum*; SR Joshi and DA Bareh; ITS gene sequence; 519 bp
MF564078: *Penicillium crustosum*; SR Joshi and DA Bareh; ITS gene sequence; 520 bp
MF564079: *Cytospora* sp. SR Joshi and DA Bareh; ITS gene sequence; 558 bp
MF564080: *Penicillium* sp. SR Joshi and DA Bareh; ITS gene sequence; 525 bp
MF564081: *Purpureocillium lilacinum*; SR Joshi and DA Bareh; ITS gene sequence; 547 bp
MF564082: *Penicillium chrysogenum*; SR Joshi and DA Bareh; ITS gene sequence; 528 bp
MF564083: *Aspergillus westerdijkiae*; SR Joshi and DA Bareh; ITS gene sequence; 536 bp
MF564084: *Perenniporia tephropora*; SR Joshi and DA Bareh; ITS gene sequence; 587 bp
MF564085: *Talaromyces* sp. SR Joshi and DA Bareh; ITS gene sequence; 513 bp
MF564086: *Perenniporia tephropora*; SR Joshi and DA Bareh; ITS gene sequence; 591 bp
MF564087: *Trichoderma harzianum*; SR Joshi and DA Bareh; ITS gene sequence; 551 bp
MF564088: *Penicillium* sp. SR Joshi and DA Bareh; ITS gene sequence; 529 bp
MF564089: *Penicillium* sp. SR Joshi and DA Bareh; ITS gene sequence; 521 bp
MF564090: *Fungal* sp. SR Joshi and DA Bareh; ITS gene sequence; 594 bp
MF564091: *Peniophora* sp. SR Joshi and DA Bareh; ITS gene sequence; 589 bp
MF564092: *Phlebiopsis* sp. SR Joshi and DA Bareh; ITS gene sequence; 596 bp
MF564093: *Tbpalaromyces verruculosus*; SR Joshi and DA Bareh; ITS gene sequence; 535 bp
MF564094: *Penicillium chrysogenum*; SR Joshi and DA Bareh; ITS gene sequence; 538 bp
MF564095: *Penicillium citrinum*; SR Joshi and DA Bareh; ITS gene sequence; 511 bp
MF564096: *Aspergillus jensenii*; SR Joshi and DA Bareh; ITS gene sequence; 523 bp
MF564097: *Aspergillus aculeatinus*; SR Joshi and DA Bareh; ITS gene sequence; 526 bp
MF564098: *Aspergillus westerdijkiae*; SR Joshi and DA Bareh; ITS gene sequence; 539 bp
MF564099: *Aspergillus niger*; SR Joshi and DA Bareh; ITS gene sequence; 548 bp
MF564100: *Aspergillus niger*; SR Joshi and DA Bareh; ITS gene sequence; 542 bp
MF564101: *Clonostachys rosea*; SR Joshi and DA Bareh; ITS gene sequence; 517 bp
MF564102: *Bjerkandera adusta*; SR Joshi and DA Bareh; ITS gene sequence; 619 bp
MF564103: *Penicillium citrinum*; SR Joshi and DA Bareh; ITS gene sequence; 488 bp
MF564104: *Penicillium crustosum*; SR Joshi and DA Bareh; ITS gene sequence; 528 bp
MF564105: *Trichoderma gamsii*; SR Joshi and DA Bareh; ITS gene sequence; 547 bp

MF564106: *Meyerozyma caribbica*; SR Joshi and DA Bareh; ITS gene sequence; 547 bp
MF564107: *Penicillium crustosum*; SR Joshi and DA Bareh; ITS gene sequence; 482 bp
MF564108: *Cytospora* sp. SR Joshi and DA Bareh; ITS gene sequence; 548 bp
MF564109: *Purpureocillium lilacinum*; SR Joshi and DA Bareh; ITS gene sequence; 545 bp
MF564110: *Penicillium citrinum*; SR Joshi and DA Bareh; ITS gene sequence; 501 bp
MF564111: *Penicillium chrysogenum*; SR Joshi and DA Bareh; ITS gene sequence; 535 bp
MF143554: *Cladosporium cladosporioides* : SR Joshi and Susmita Paul : ITS: Partial : 530bp
MF143555: *Xylariaceae* sp.: SR Joshi and Susmita Paul : ITS:Partial : 609bp
MF143556: *Cladosporium tenuissimum* : SR Joshi and Susmita Paul : ITS: Partial : 525bp
MF143557: *Colletotrichum gloeosporioides* : SR Joshi and Susmita Paul : ITS:Partial : 607bp
MF143558: *Lasiodiplodia exigua*: SR Joshi and Susmita Paul : ITS:Partial : 1005bp
MF143559: *Phomopsis* sp.: SR Joshi and Susmita Paul : ITS:Partial : 557bp
MF143560: *Diaporthe phaseolorum*: SR Joshi and Susmita Paul : ITS:Partial : 639bp
MF595896: *Colletotrichum siamense*: SR Joshi and Susmita Paul : ITS:Partial : 579bp
MF595897: *Diaporthe* sp.: SR Joshi and Susmita Paul : ITS:Partial : 561bp
MF595898: *Aspergillus niger* : SR Joshi and Susmita Paul : ITS:Partial : 653bp
MF595899: *Colletotrichum gloeosporioides* : SR Joshi and Susmita Paul : ITS:Partial : 813bp
MF595900: *Aspergillus niger* : SR Joshi and Susmita Paul : ITS:Partial : 568bp
MF595901: *Colletotrichum siamense* : SR Joshi and Susmita Paul : ITS:Partial : 573bp
MF595902: *Pestalotiopsis microspora* : SR Joshi and Susmita Paul : ITS:Partial : 578bp
MF595903: *Phomopsis* sp.: SR Joshi and Susmita Paul : ITS:Partial : 612bp
MG214067 : *Hypholoma fasciculare* : SR Joshi and M Borthakur : ITS 1 : Complete : 281 bp
MG214068 : *Lactifluus glaucescens* : SR Joshi and M Borthakur : ITS 1 : Complete : 204 bp
MG214069 : *Russula lepida* : SR Joshi and M Borthakur : ITS 1 : Complete : 230 bp
MG214070 : *Retiboletus* sp. : SR Joshi and M Borthakur : ITS 1 : Complete : 233 bp
MG214071 : *Echinoderma aspera* : SR Joshi and M Borthakur : ITS 1 : Complete : 326 bp
MG214072 : *Suillus ochraceoroseus* : SR Joshi and M Borthakur : ITS 1 : Complete :255 bp
MG214073 : *Gymnomyces fallax* : SR Joshi and M Borthakur : ITS 1 : Complete :264 bp
MG214074 : *Leccinum rugosiceps* : SR Joshi and M Borthakur : ITS 1 : Complete : 242 bp
MG214075 : *Amauroderma* sp. : SR Joshi and M Borthakur : ITS 1 : Complete : 249 bp
MG214076 : *Lactarius purpureus* : SR Joshi and M Borthakur : ITS 1 : Complete : 277 bp
MG214077 : *Gymnopus subnudus* : SR Joshi and M Borthakur : ITS 1 : Complete : 230 bp
MG214078 : *Pseudohydnum gelatinosum* : SR Joshi and M Borthakur : ITS 1 : Complete : 223 bp
MG214079 : *Amanita lignitincta* : SR Joshi and M Borthakur : ITS 1 : Complete : 251 bp
MG214080 : *Amanita griseofolia* : SR Joshi and M Borthakur : ITS 1 : Complete : 275 bp
MG214081 : *Amanita spissacea* : SR Joshi and M Borthakur : ITS 1 : Complete : 251 bp
MG214082 : *Amanita virgineoides* : SR Joshi and M Borthakur : ITS 1 : Complete : 241 bp
MG214083 : *Heterobasidion annosum* : SR Joshi and M Borthakur : ITS 1 : Complete : 234 bp
MG214084 : *Scleroderma citrinum* : SR Joshi and M Borthakur : ITS 1 : Complete : 222 bp
MG214085 : *Pleurotus ostreatus* : SR Joshi and M Borthakur : ITS 1 : Complete : 204 bp
MG214086 : *Inocybe perlata* : SR Joshi and M Borthakur : ITS 1 : Complete : 284 bp
MG253008: *Hypholoma fasciculare* : SR Joshi and M Borthakur : 28S rRNA : Partial : 479 bp

MG253009: *Lactifluus glaucescens* : SR Joshi and M Borthakur : 28S rRNA : Partial : 564 bp
MG253010: *Russula lepida* : SR Joshi and M Borthakur : 28S rRNA : Partial : 597 bp
MG253011: *Retiboletus fuscus* : SR Joshi and M Borthakur : 28S rRNA : Partial : 471 bp
MG253012: *Echinoderma aspera* : SR Joshi and M Borthakur : 28S rRNA : Partial : 584 bp
MG253013: *Suillus bovinus* : SR Joshi and M Borthakur : 28S rRNA : Partial : 422 bp
MG253014: *Gymnomyces nondistincta* : SR Joshi and M Borthakur : 28S rRNA : Partial : 577 bp
MG253015: *Rugiboletus extremiorientalis* : SR Joshi and M Borthakur : 28S rRNA : Partial : 491 bp
MG253016: *Amauroderma* sp. : SR Joshi and M Borthakur : 28S rRNA : Partial : 457 bp
MG253017: *Lactarius olympianus* : SR Joshi and M Borthakur : 28S rRNA : Partial : 600 bp
MG253018: *Gymnopus subnudus* : SR Joshi and M Borthakur : 28S rRNA : Partial : 536 bp
MG253019: *Gymnopus peronatus* : SR Joshi and M Borthakur : 28S rRNA : Partial : 633 bp
MG253020: *Pseudohydnum gelatinosum* : SR Joshi and M Borthakur : 28S rRNA : Partial : 572 bp
MG253021: *Amanita* sp. : SR Joshi and M Borthakur : 28S rRNA : Partial : 612 bp
MG253022: *Amanita griseofolia* : SR Joshi and M Borthakur : 28S rRNA : Partial : 586 bp
MG253023: *Amanita virgineoides* : SR Joshi and M Borthakur : 28S rRNA : Partial : 467 bp
MG253024: *Heterobasidion annosum* : SR Joshi and M Borthakur : 28S rRNA : Partial : 550 bp
MG253025: *Scleroderma citrinum* : SR Joshi and M Borthakur : 28S rRNA : Partial : 536 bp
MG253026: *Pleurotus pulmonarius* : SR Joshi and M Borthakur : 28S rRNA : Partial : 573 bp
MG253027: *Inocybe perlata* : SR Joshi and M Borthakur : 28S rRNA : Partial : 586 bp
MG383648: *Russula lepida* : SR Joshi and M Borthakur : ITS : Complete : 602 bp
MG383649: *Retiboletus* sp. : SR Joshi and M Borthakur : ITS : Complete : 503 bp
MG383650: *Lactifluus vellereus* : SR Joshi and M Borthakur : ITS : Complete : 723 bp
MG383651: *Phallus* sp. : SR Joshi and M Borthakur : ITS : Complete : 559 bp
MG383652: *Amauroderma rugosum* : SR Joshi and M Borthakur : ITS : Complete : 549 bp
MG383653: *Suillus bovinus* : SR Joshi and M Borthakur : ITS : Complete : 539 bp
MG383654: *Gymnomyces* sp. : SR Joshi and M Borthakur : ITS : Complete : 398 bp
MG383655: *Leccinum rugosiceps* : SR Joshi and M Borthakur : ITS : Complete : 568 bp
MG383656: *Amauroderma* sp. : SR Joshi and M Borthakur : ITS : Complete : 581 bp
MG383657: *Agrocybe ochracea* : SR Joshi and M Borthakur : ITS : Complete : 788 bp
MG383658: *Lactarius purpureus* : SR Joshi and M Borthakur : ITS : Complete : 658 bp
MG383659: *Heterobasidion annosum* : SR Joshi and M Borthakur : ITS : Complete : 441 bp
MG383660: *Gymnopus subnudus* : SR Joshi and M Borthakur : ITS : Complete : 643 bp
MG383661: *Gymnopus* sp. : SR Joshi and M Borthakur : ITS : Complete : 535 bp
MG383662: *Pseudohydnum gelatinosum* : SR Joshi and M Borthakur : ITS : Complete : 508 bp
MG383663: *Inocybe perlata* : SR Joshi and M Borthakur : ITS : Complete : 570 bp
MG383664: *Amanita lignitincta* : SR Joshi and M Borthakur : ITS : Complete : 499 bp
MG383665: *Suillus luteus* : SR Joshi and M Borthakur : ITS : Complete : 554 bp
MG383666: *Amanita griseofolia* : SR Joshi and M Borthakur : ITS : Complete : 516 bp
MG383667: *Amanita spissacea* : SR Joshi and M Borthakur : ITS : Complete : 579 bp
MG383668: *Amanita virgineoides* : SR Joshi and M Borthakur : ITS : Complete : 651 bp
MG383669: *Amanita spreata* : SR Joshi and M Borthakur : ITS : Complete : 445 bp
MH172469: *Phomopsis* sp. : SR Joshi and Susmita Paul: ITS: Partial : 579 bp

MH220722: *Enterococcus faecalis* : SR Joshi and Koel Biswas: 16S rRNA : Partial : ~1,400 bp
MH220723: *Enterococcus faecalis* : SR Joshi and Koel Biswas: 16S rRNA : Partial : ~1,400 bp
MH220724: *Enterococcus faecalis* : SR Joshi and Koel Biswas: 16S rRNA : Partial : ~1,400 bp
MH220725: *Enterococcus faecalis* : SR Joshi and Koel Biswas: 16S rRNA : Partial : ~1,400 bp
MH220726: *Enterococcus faecalis* : SR Joshi and Koel Biswas: 16S rRNA : Partial : ~1,400 bp
MH220727: *Enterococcus faecalis* : SR Joshi and Koel Biswas: 16S rRNA : Partial : ~1,400 bp
MH220728: *Enterococcus faecalis* : SR Joshi and Koel Biswas: 16S rRNA : Partial : ~1,400 bp
MG874760: *Bacillus altitudinis* KH-16F: SR Joshi and Lily Shylla: 16SrRNA:Partial:>1300bp
MG874761: *Bacillus megaterium* KH-15A: SR Joshi and Lily Shylla: 16SrRNA:Partial:>1300bp
MG874762: *Bacillus albus* KH-13A: SR Joshi and Lily Shylla: 16SrRNA:Partial:>1300bp
MG874763: *Bacillus siamensis* KH-12A: SR Joshi and Lily Shylla: 16SrRNA:Partial:>1300bp
MG874764: *Bacillus siamensis* KH-EA: SR Joshi and Lily Shylla: 16SrRNA:Partial:>1300bp
MG874765: *Bacillus wiedmanii* KH-BB: SR Joshi and Lily Shylla: 16SrRNA:Partial:>1300bp
MG874766: *Bacillus siamensis* KH-11B: SR Joshi and Lily Shylla: 16SrRNA:Partial:>1300bp
MG874767: *Bacillus siamensis* KH-6A: SR Joshi and Lily Shylla: 16SrRNA:Partial:>1300bp
MG874768: *Bacillus siamensis* KH-5: SR Joshi and Lily Shylla: 16SrRNA:Partial:>1300bp
MG874769: *Bacillus velezensis* KH-11C: SR Joshi and Lily Shylla: 16SrRNA:Partial:>1300bp
MG874771: *Bacillus nakamurai* KH-6E: SR Joshi and Lily Shylla: 16SrRNA:Partial:>1300bp
MG874772: *Bacillus pseudomycolides* KH-4: SR Joshi and Lily Shylla: 16SrRNA:Partial:>1300bp
MG874773: *Rhodococcus equi* KH-EE: SR Joshi and Lily Shylla: 16SrRNA:Partial:>1300bp
MG874774: *Serratia marcescens* KH-CC: SR Joshi and Lily Shylla: 16SrRNA:Partial:>1300bp
MG874775: *Paenibacillus chibensis* KH-3A: SR Joshi and Lily Shylla: 16SrRNA:Partial:>1300bp
MN727110: *Rhodococcus qingshengii* SC1: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400
MN727111: *Exiguobacterium acetylicum* SC2: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400
MN727112: *Stenotrophomonas pictorum* SC3: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400
MN727113: *Exiguobacterium artemiae* SC4: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400
MN727114: *Comamonas jiangduensis* SC5: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400
MN727115: *Pseudarthrobacter oxydans* SC6: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400
MN727116: *Streptomyces olivaceus* SC7: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400
MN727117: *Bacillus tequilensis* WC1: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400
MN727118: *Haemophilus piscium* WC4: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400
MN727119: *Pseudomonas mohnii* WC5: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400
MN727120: *Pseudomonas helmanticensis* WC6: SR. Joshi and U. Chettri: 16SrRNA: Parti: ~1400al
MN727121: *Pseudomonas simiae* WC7: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400
MN727122: *Pseudomonas migulae* WC8: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400
MN727123: *Pseudomonas hunanensis* WC9: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400
MN727124: *Pseudomonas simiae* WC11: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400
MN727125: *Acinetobacter oryzae* WC13: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400
MN727126: *Brevundimonas vesicularis* WC14: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400
MN727127: *Ideonella paludis* WC16: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400
MN727128: *Sphingomonas echinoides* WC17: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400
MN727129: *Pseudomonas fuscovaginae* WC18: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN727130: *Roseateles terrae* WC19: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733078: *Pseudomonas furukawaii* SS1: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733079: *Psychrobacillus lasiicapitis* SS2: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733080: *Acidovorax delafieldii* SS3: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733081: *Paenarthrobacter ureafaciens* SS4: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733082: *Pseudomonas furukawaii* SS5: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733083: *Diaphorobacter polyhydroxybutyrativorans* SS6: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733084: *Paenarthrobacter ureafaciens* SS7: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733085: *Bosea vestrisii* SS8: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733086: *Lactococcus lactis* subsp. *lactis* WS1: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733087: *Serratia marcescens* subsp. *marcescens* WS2: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733088: *Glutamicibacter mysorens* WS3: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733089: *Aeromonas caviae* WS4: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733090: *Microbacterium hydrothermale* WS6: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733091: *Microbacterium hydrothermale* WS7: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733092: *Massilia buxea* WS8: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733093: *Pseudomonas paralactis* WS9: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733094: *Vogesella perlucida* WS10: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733095: *Pseudomonas kribbensis* WS11: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733096: *Acinetobacter johnsonii* WS12: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733097: *Microbacterium oxydans* WS14: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733098: *Acinetobacter johnsonii* WS15: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733099: *Brevundimonas vesicularis* WS16: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733100: *Pseudomonas kribbensis* WS19: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733101: *Stenotrophomonas pictorum* SR1: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733102: *Glutamicibacter mysorens* SR2: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733103: *Acinetobacter tandoii* SR3: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733104: *Micrococcus aloeverae* SR4: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733105: *Acinetobacter tandoii* SR5: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733106: *Deinococcus wulumuqiensis* SR6: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733107: *Kocuria palustris* WR1: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733108: *Comamonas terrigena* WR2: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733109: *Chryseobacterium culicis* WR3: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733110: *Kocuria palustris* WR4: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733111: *Acinetobacter tjernbergiae* WR5: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733112: *Myroides marinus* WR7: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733113: *Stenotrophomonas terrae* WR8: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733114: *Pseudomonas monteirii* WR9: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733115: *Chryseobacterium endophyticum* WR10: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733116: *Bacillus aryabhatai* WR11: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733117: *Staphylococcus edaphicus* WR12: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733118: *Chromobacterium vaccinii* WR13: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733119: *Comamonas testosteroni* WR14: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733120: *Acinetobacter oleivorans* WR15: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733121: *Chromobacterium vaccinii* WR16: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733122: *Streptomyces racemochromogenes* WR18: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733214: *Glutamicibacter mysorens* ST2: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733215: *Pseudomonas monteilii* ST3: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733216: *Aeromonas caviae* ST4: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733217: *Diaphorobacter polyhydroxybutyrativorans* ST5: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733218: *Bosea vestrisii* ST6: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733219: *Pseudoxanthomonas japonensis* WT1: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733220: *Cellulosimicrobium aquatile* WT2: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733221: *Bacillus toyonensis* WT3: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733222: *Chryseobacterium endophyticum* WT4: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733223: *Microbacterium gorillae* WT5: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733224: *Serratia marcescens* subsp. *sakuensis* WT6: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733225: *Serratia marcescens* subsp. *sakuensis* WT7: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733226: *Lysinibacillus xylanilyticus* WT8: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733227: *Micrococcus yunnanensis* WT9: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733228: *Arthrobacter pascens* WT10: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733229: *Myroides xuanwuensis* WT12: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733230: *Acinetobacter tjernbergiae* WT13: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733231: *Glutamicibacter halophytocola* WT14: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733232: *Klebsiella pneumoniae* subsp. *rhinoscleromatis* WT16: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733233: *Serratia marcescens* subsp. *sakuensis* WT17: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733234: *Microbacterium indicum* WT18: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733235: *Lactococcus lactis* subsp. *lactis* WT19: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733236: *Brevibacterium iodinum* WT20: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733237: *Bacillus subtilis* subsp. *stercoris* WT21: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733238: *Novosphingobium pokkalii* WT22: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733239: *Chromobacterium piscinae* WT23: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733240: *Deinococcus grandis* WT24: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733329: *Exiguobacterium profundum* SRK2: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733330: *Bacillus subtilis* subsp. *stercoris* SRK3: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733331: *Pseudomonas monteilii* SRK4: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733332: *Bacillus marisflavi* SRK5: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733333: *Acinetobacter baumannii* SRK7: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733334: *Paenarthrobacter ureafaciens* SRK8: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733335: *Rhizobium radiobacter* SRK9: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733336: *Stenotrophomonas acidaminiphila* SRK10: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733337: *Hydrogenophaga atypica* SRK11: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733338: *Pseudomonas alcaligenes* SRK12: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733339: *Pseudomonas alcaligenes* SRK14: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733340: *Serratia marcescens* subsp. *sakuensis* WRK1: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733341: *Exiguobacterium acetylicum* WRK2: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733342: *Pseudomonas extremaustralis* WRK3: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733343: *Staphylococcus sciuri* WRK4: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733344: *Enterobacter tabaci* WRK7: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733345: *Pseudomonas simiae* WRK8: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733346: *Aeromonas hydrophila* subsp. *hydrophila* WRK9: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733347: *Chromobacterium rhizoryzae* WRK10: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733348: *Micrococcus yunnanensis* WRK11: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733349: *Dermacoccus nishinomiyaensis* WRK12: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733350: *Micrococcus aloeverae* WRK13: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733351: *Kocuria palustris* WRK14: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733352: *Aquicola tertiaricarbonis* WRK15: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733353: *Pseudomonas paralactis* WRK16: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN733354: *Serratia marcescens* subsp. *sakuensis* WRK17: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN726744: *Exiguobacterium artemiae* SG1: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN726745: *Arthrobacter ramosus* SG3: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN726746: *Arthrobacter citreus* SG4: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN726747: *Cryobacterium arcticum* SG8: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN726748: *Arthrobacter pityocampae* SG10: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN726749: *Arthrobacter ginsengisoli* SG14: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN726750: *Flavobacterium tiangeerense* WG1: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN726751: *Brevundimonas mediterranea* WG3: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN726752: *Acinetobacter tjernbergiae* WG4: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

MN726753: *Arthrobacter ruber* WG5: SR. Joshi and U. Chettri: 16SrRNA: Partial: ~1400

List of accessions obtained for Microbial Markers from National Centre for Biotechnology

Information(NCBI), USA:

JN230520	JN230521	JN230522	JN408704	JN408705	JN408706	JN408707
JN408708	JF827349	JF827350	JF827351	JF827352	JF827353	JF827354
KU258198	KU258199	KU258200	KU258201	KU258202	KU258203	KU258204
KU258205	KU258206	KU258207	KU258208	KU258209	KU258210	KU258211
KU258212	KU258213	KU258214	KU258215	KU258216	KU258217	KU258218
KU258219	KU258220	KU258221	KU258222	KU258223	KU258224	KU258225
KU258226	KU258227	KU258228	KU258229	KU258230	KU258231	KU258232
KU258233	KU761254	KU258234	KU258235	KU258236	KU258237	KU258238
KU258239	KU258240	KU258241	KU258242	KU258243	KU258244	KU258245
KU258246	KU258247	KU258248	KU258249	KU258250	KU258251	KU258252
KU258253	KU258254	KU258255	KU258256	KU258257	KU258258	KU258259
KU258260	KU258261	KU258262	KU258263	KU258264	KU258265	KU258266
KU258267	KU258268	KU258269	KU258270	KU258272	KU258273	KU258274

KU258275	KU258276	KU25827	KU258278	KU258279	KU258280	KU258281
KU258282	KU258283	KU258284	KU258285	KU258286	KU258287	KU258288
KU25828	KU258290	KU258291	KU761252	KU761253	KU258292	KU258293
KU258294	KU258295	HQ728330	HQ728331	HQ728333	HQ728324	JN104057
JN029837	JN029833	JF827598	HQ728335	JN029838	HQ728336	HQ728325
JN029835	HQ728328	JN104059	JN104058	HQ728327	HQ728329	JN104061
JN029834	JN029832	JQ770189	JQ770190	JQ770191	JQ770192	JQ770193
JQ770194	JQ770195	HQ728326	HQ728332	HQ728334	JN029831	JN029836
JN104056	JN104060	KM282281	KM282282	KM282283	KM282284	KM282285
KM282286	KM282287	KM282288	KP843880	KP843881	KP843882	KP843883
KP843884	KP877447	KM983609	KM983610	KX831664	KX831667	KX011029
KX831665	KX831666	JN600358	JN600359	JN600360	JN600361	JN600362.1
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JX040443	JX040444	JX040445	JX040446	JX040447	JX144942	JX144943
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JX144951	JX144952	JX144953	JX144954	JX144955	JX144956	JX144957
JX144958	JX144959	JX144960	JX298811	JX298812	KF515731	KF515732
KF515733	KF515734	KF515735	KF515736	JN408709	JN408710	JN408711
JN408712	JN408713	JN247756	JQ256456	JQ256457	JQ256458	JQ256459
JQ256460	JQ256461	JQ256462	JQ256463	KF928279	KF928280	KF928281
KF928284	KM282291	KF928283	KF928286	KF928287	KF928288	KF928292
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KU761252	KU761253	KU761254	KU258198	KU258199	KU258200	KU258201
KU258202	KU258203	KU258204	KU258205	KU258206	KU258207	KU258208
KU258209,	KU258210	KU258211	KU258212	KU258213	KU258214	KU258215
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KU258223	KU258224	KU258225	KU258226	KU258227	KU258228	KU258229
KU258230	KU258231	KU258232	KU258233	KU258234	KU258235	KU258236
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