**GENOMICS 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

**JF827350:***Streptomyces chattanoogensis* strain GP4:Joshi,S.R., Bhattacharjee,K. and Banerjee,S.:16S rRNA: >1300bp

**JF827351:** *Streptomyces niveoruber* strain MA1: Joshi,S.R., Bhattacharjee,K. and Banerjee,S.:16S rRNA:Partial :>1300bp

**JF827352:** *Streptomyces cacao*i subsp. *asoensis* strain MB2:Joshi,SR,Bhattacharjee,K and Banerjee,S:16S rRNA: 1300bp

 **JF827353:** *Streptomyces galbus* strain NG4: Joshi,S.R., Bhattacharjee,K. and Banerjee,S.:16S rRNA : Partial : >1300bp

**JF827354:** *Streptomyces griseoruber* strain NG5: Joshi,S.R., Bhattacharjee,K. andBanerjee,S.: 16S rRNA: Partial :>1300bp

**KU258198:** *Actinokineospora bangkokensis* AL1: Bhattacharjee,K. and Joshi,S.R.:16S rRNA:Partial : >1300bp

**KU258199:** *Actinomadura* sp. AL2: Bhattacharjee,K. and Joshi,S.R.:16S rRNA: Partial : >1300bp

**KU258200:** *Actinomadura scrupuli* AL3: Bhattacharjee,K. and Joshi,S.R.:16S rRNA: Partial :>1300bp

**KU258201:** *Actinoplanes nipponensis* AL4: Bhattacharjee,K. and Joshi,S.R.:16S rRNA: : Partial:>1300bp

**KU258202:** *Actinopolyspora righensis* AL5: Bhattacharjee,K. and Joshi,S.R.: 16S rRNA : Partial : >1300bp

**KU258203:** *Actinopolyspora saharensis* AL6 : Bhattacharjee,K. and Joshi,S.R.: 16S rRNA : Partial : > 1300bp

**KU258204**: *Actinospica acidiphila*AL7 : Bhattacharjee,K. and Joshi,S.R.: 16S rRNA: Partial : > 1300bp

**KU258205**: *Angustibacter luteus* AL8 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**KU258206**:*Arthrobacter* sp. AL9 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**KU258207**: *Arthrobacter agilis* AL10 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**KU258208**: *Arthrobacter* sp. AL11 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

 **KU258209**:*Auraticoccus monumenti* AL12Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**KU258210:** *Beutenbergia cavernae* AL13 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**KU258211**: *Blastococcus jejuensis* AL14 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : > 1300bp

**KU258212**: *Blastococcus saxobsidens*  AL15 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**KU258213**: *Blastococcus* sp. AL16 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**KU258214**: *Conexibacter woesei* AL17 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : > : 1300bp

**KU258215**: *Dietzia natronolimnaea* AL18 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**KU258216**: *Geodermatophilus* sp. AL19 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**KU258217**: *Geodermatophilus siccatus* AL20 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : > 1300bp

**KU258218:***Geodermatophilus tzadiensis* AL21 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : > 1300bp

**KU258219:** *Granulicoccus phenolivorans* AL22 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : > 1300bp

**KU258220**: *Kibdelosporangium aridum* AL23 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : > 1300bp

**KU258221**: *Kitasatospora cheerisanensis* AL24 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**KU258222**: *Micromonospora endolithica* AL25 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : > : 1300bp

**KU258223**: *Micromonospora* sp. AL26 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : > : 1300bp

**KU258224**: *Modestobacter marinus* AL27 : Bhattacharjee,K. and Joshi,S.R. : : 16S rRNA : Partial : >1300bp

**KU258225**: *Nocardioides albertanoniae* AL28 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**KU258226**: *Nocardioides* sp. AL29 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**KU258227**: *Pseudokineococcus marinus* AL30 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**KU258228**: *Pseudonocardia antarctica* AL31 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : > 300bp

 **KU258229**: *Pseudonocardia antitumoralis* AL32 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

 **KU258230:** *Pseudonocardia sediminis* AL33 : Bhattacharjee,K. and Joshi,S.R. : : 16S rRNA : Partial : >1300bp

 **KU258231**: *Rhodococcus baikonurensis* AL34 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**KU258232**: *Rhodococcus canchipurensis* AL35 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : > 1300bp

 **KU258233**: *Rhodococcus kroppenstedtii*  AL37 : Bhattacharjee,K. and Joshi,S.R : 16S rRNA ; Partial : > 1300bp

**KU761254**: *Rhodococcus jostii* AL36 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**KU258234**: *Rhodococcus nanhaiensis* AL38 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**KU258235:** *Rubrobacter radiotolerans* AL39 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**KU258236**: *Saccharothrix algeriensis* AL40 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**KU258237**: *Saccharothrix lopnurensis* AL41 : Bhattacharjee,K. and Joshi,S.R. : : 16S rRNA : Partial : >1300bp

**KU258238**: *Sporichthya polymorpha* AL42 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**KU258239:***Sporichthya* sp. AL43 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**KU258240**: *Streptoalloteichus tenebrarius* AL44 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

**KU258241**: *Streptomyces aureofaciens* AL45 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

**KU258242**: *Streptomyces avermitilis* AL46 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

**KU258243**: *Streptomyces gramineus* AL47 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA :Partial :> : 1300bp

 **KU258244**: *Streptomyces graminisoli* AL48 : Bhattacharjee,K. and Joshi,S.R. : : 16S rRNA : Partial :>1300bp

**KU258245**: *Streptomyces hypolithicus* AL49 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

**KU258246**: *Streptomyces* sp. AL50 : Bhattacharjee,K. and Joshi,S.R. : : 16S rRNA : Partial :>1300bp

**KU258247**: *Streptomyces* sp. AL51 : Bhattacharjee,K. and Joshi,S.R. : : 16S rRNA : Partial :>1300bp

**KU258248**: *Thermopolyspora flexuosa* AL52 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

**KU258249:** *Tsukamurella paurometabola* AL53 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

**KU258250**: *Streptomyces luteireticuli* CB4 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

**KU258251**: *Streptomyces nigrogriseolus* LT1 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

**KU258252**: *Acinetobacter guangdongensis* BL1 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

 **KU258253**: *Acinetobacter johnsonii* BL2 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

 **KU258254**: *Amaricoccus tamworthensis* BL3 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

**KU258255**: *Amaricoccus tamworthensis* BL4 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

**KU258256**: *Anaerococcus octavius* BL5 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :> : 1300bp

**KU258257**: *Bacillus cereus* BL6 : : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

**KU258258**: *Fictibacillus barbaricus* BL7 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA :Partial :>1300bp

**KU258259**: *Bacillus drentensis* BL8 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

**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

**KU258262**: *Bacillus niacini* BL11 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

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

 **KU258264**: *Desulfomicrobium macestii* BL13 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

**KU258265**: *Desulfovibrio alaskensis* BL14 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

**KU258266**: *Dyadobacter alkalitolerans* BL15 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

**KU258267**: *Emticicia sediminis* BL16 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

**KU258268**: *Candidatus Entotheonella* palauensis BL17 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

**KU258269**: *Flexibacter flexilis* BL18 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

**KU258270**: *Massilia timonae* BL19 : Bhattacharjee,K. and Joshi,S.R. : : 16S rRNA : Partial :>1300bp

**KU258272**: *Methylocystis bryophila* BL21 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :> 1300bp

 **KU258273**: *Microbulbifer arenaceous* BL22 : Bhattacharjee,K. and Joshi,S.R. : : 16S rRNA : Partial :> 1300bp

 **KU258274:** *Nitrospira moscoviensis* BL23 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :> 1300bp

**KU258275**: *Nordella oligomobilis* BL24 : : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :> : 1300bp

**KU258276:** *Novosphingobium subterraneum* BL25 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

**KU258277**: *Pantoea agglomerans* BL26 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

**KU258278**: *Paracraurococcus ruber* BL27 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

**KU258279**: *Pseudomonas migulae* BL28 : : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :> 1300bp

 **KU258280**: *Pseudomonas xinjiangensis* BL29 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

**KU258281**: *Psychrobacter aestuarii* BL30 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial :>1300bp

**KU258282**: *Rheinheimera perlucida* BL31 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**KU258283:***Rhodoplanes elegans* BL32 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : : Partial : >1300bp

**KU258284**: *Serratia ureilytica* BL33 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

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

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

**KU258289**: *Bacillus cereus* DG1 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**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

110.**KU761252**: *Bacillus* sp. AM2 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**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

**KU258293**: *Burkholderiacenocepacia* DG11 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**KU258294**: *Burkholderia* sp. DG7 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**KU258295**: *Pseudomonas* sp. BM1 : Bhattacharjee,K. and Joshi,S.R. : 16S rRNA : Partial : >1300bp

**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 biforme* : 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 biforme* : 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*: KumarR andJoshiSR : 16SrRNA : partial : -285bp

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

**JN600364.1 :** *proteobacterium* : Kumar R and JoshiSR : 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* : KumarR 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** : *Pseudomonasagri*  : 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 fluviatilis* : 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** : *Pseudomonasagri*  : 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. *Amyloliquefaciens* : 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** : *Pseudomonasagri*  : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500

**JX144945** : *Pseudomonasgessardii* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500

**JX144946** : *Pseudomonasvranovensis* : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500

**JX144947** : *Pseudomonaschlororaphis* subsp. Aurantiaca : S.R.Joshi & S.Banerjee : 16S rRNA : Partial : ~1500

**JX144948** : *Pseudomonastaiwanensis* : 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** : *Pseudomonasmosselii* : 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** : *Staphylococcu*s 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** : *Byssochlamys 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 cassiicola* : Joshi,S.R. and Nath,A. : PKS: Partial cds : 318bp

**KP178691** : *Corynespora cassiicola* : Joshi,S.R. and Nath,A. : PKS : Partial cds : 568bp

**KP178692** : *Corynespora cassiicola* : 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 cassiicola* : 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 methylotrophicus* : 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

J**X026005** : *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** : *Brachybacterium 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* aryabhattai : 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** : Aspergillis 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* 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* saprophyloticus. : 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** : *Raoutella* 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* saprophyloticus. : 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** : *Raoutella* 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 Nongkhlaw : 16S rRNA : Partial : 1,368 bp

**JN613283** : *Bacillus* *subtilis* cenB : SR Joshi and Fenella MW Nongkhlaw : 16S rRNA : Partial : 1,411 bp

**JN628288** : *Bacillus* *tequilensis* CEN3E : SR Joshi and Fenella MW Nongkhlaw : 16S rRNA : Partial : 1,404 bp

**JN628290** : *Bacillus* *aryabhattai* CEN5E : SR Joshi and Fenella MW Nongkhlaw : 16S rRNA : Partial : 1,338 bp

**JN628291** : *Bacillus* *thuringiensis* CEN6E: SR Joshi and Fenella MW Nongkhlaw : 16S rRNA : Partial : 1,290 bp

**JN628292** : *Pantoea eucalypti* CEN7E : SR Joshi and Fenella MW Nongkhlaw : 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 saxobsidens* AA : SRJoshi 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* : Koijam,K. and Joshi,S.R : priming glycosyltransferasepartial : 201bp

**KC841160** : *Lactobacillus* *fermentum* : Koijam,K. and Joshi,S.R : dextransucrase : partial : 576bp

**KC841161** : *Lactobacillus* *fermentum* : Koijam,K. and Joshi,S.R : dextransucrase : partial : 603bp

**KC841162** : *Lactobacillus* f*ermentum* : Koijam,K. and Joshi,S.R : dextransucrase : partial : 524bp

**KC841159**:*Vagococcus lutrae*:Koijam,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 radicicola* : 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 MCNihalani: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 DKSRJ 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 baumanii* 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 cloaceae* 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:** *Pestaliotopsis 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 bovines* :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

**MG38365**6: *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 spreta* :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 pseudomycoides* 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 monteilii* WR9:SR.Joshi and U. Chettri: 16SrRNA: Partial: ~1400

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

**MN733116:** *Bacillus aryabhattai* 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:** *Aquincola 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**

**JN600363.1 JN600364.1 JN600365.1 JN600366.1 JN600367.1 JN600368.1** **JN600369.1**

**JN600370.1** **JN600371.1** **JN600372.1 JN600373.1 JN600374.1 JN600375.1 JN600376.1**

**JN600377.1 JN600378.1 JN600379.1 JN600380.1 JN600381.1 JN600382.1 JN600383.1**

**JN600384.1 JN600385.1 JN600386.1 JN600386.1** **JN600387.1** **JN600388.1** **JN600389.1**

**JN600390.1** **JN600391.1** **JN600392.1** **JN600393.1** **JN600394.1** **JN600395.1** **JN600396.1**

**JN600397.1** **JN600398.1 JN600399.1 JN600400.1** **JN600401.1 JN600402.1 JN600403.1**

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