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| OTU | Genus | Species | Function | Reference |
| OTU\_77 | Corynebacterium\_1 | tuberculostearicum | human pathogen | Hinić et al. 2012 |
| OTU\_31 | Mycobacterium | / | Unknown |  |
| OTU\_113 | Brevibacterium | casei | human pathogen | Kumar et al. 2011 |
| OTU\_38 | Kocuria | rosea | nitrate\_reduction | FAPROTAX |
| OTU\_28 | Propionibacterium | / | Unknown |  |
| OTU\_8 | Chryseobacterium | shigense | fish pathogen | Zamora et al. 2012 |
| OTU\_16 | Flavobacterium | pectinovorum | nitrate\_reduction | FAPROTAX |
| OTU\_24 | Bacillus | / | nitrate\_reduction | FAPROTAX |
| OTU\_10 | Exiguobacterium | sibiricum | psychrotolerant | Vishnivetskaya et al., 2007  and 2009 |
| OTU\_60 | Staphylococcus | epidermidis | ureolysis | FAPROTAX |
| OTU\_4308 | / | / | Unknown |  |
| OTU\_5 | Brevundimonas | diminuta | plant\_pathogen | FAPROTAX |
| OTU\_1340 | Brevundimonas | / | Unknown |  |
| OTU\_96 | Bosea | thiooxidans | dark\_oxidation\_of\_sulfur\_compounds&  manganese\_oxidation | FAPROTAX |
| OTU\_36 | Bradyrhizobium | elkanii | nitrogen\_fixation | FAPROTAX |
| OTU\_1507 | Ensifer | / | nitrate\_reduction | FAPROTAX |
| OTU\_524 | Sphingomonas | aerolata | psychrotolerant | Busse et al. 2002 |
| OTU\_13 | Sphingomonas | faeni | psychrotolerant | Busse et al. 2003 |
| OTU\_33 | Sphingomonas | echinoides |  |  |
| OTU\_20 | Sphingomonas | / | Unknown |  |
| OTU\_6 | / | / | Unknown |  |
| OTU\_30 | Pelomonas | / | Unknown |  |
| OTU\_18 | Variovorax | paradoxus | arsenate\_detoxification | FAPROTAX |
| OTU\_3 | / | / | Unknown |  |
| OTU\_1514 | / | / | Unknown |  |
| OTU\_5 | Duganella | / | ureolysis | FAPROTAX |
| OTU\_61 | Massilia | / | ureolysis | FAPROTAX |
| OTU\_23 | Massilia | / | ureolysis | FAPROTAX |
| OTU\_17 | / | / | Unknown |  |
| OTU\_2869 | / | / | Unknown |  |
| OTU\_29 | Acinetobacter | / | animal\_parasites\_or\_symbionts | FAPROTAX |
| OTU\_9 | Pseudomonas | viridiflava | plant\_pathogen | FAPROTAX |
| OTU\_7 | Pseudomonas | / | Unknown |  |
| OTU\_14 | Pseudomonas | / | Unknown |  |
| OTU\_4063 | Pseudomonas | / | Unknown |  |
| OTU\_1674 | / | / | Unknown |  |