Register list for 3 new names including Ulvibacter alkanivorans sp. nov.

Submitted by Nguyen, Huong

Species *Colwellia aromaticivorans*

Etymology
[a.ro.ma.ti.ci.vo'rans] **L. masc. adj.** *aromaticus*, aromatic; **L. pres. part.** *vorans*, devouring; **N.L. fem. part. adj.** *aromaticivorans*, devouring aromatic compounds

Nomenclatural type
Genome sc|0006946 Ts

Description
Campeão et al. (2019): *In silico*-predicted phenotypes indicate that the novel species hydrolyzes chitin, utilizes propionate and dl-lactate, and does not utilize d-fructose, l-arabinose, glycerol, citrate, or l-malate. The G+C content is 38%.

Classification
Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » *Alteromonadales* » *Colwelliaceae* » *Colwellia* » *Colwellia aromaticivorans*

References
Effective publication: Campeão et al., 2019 [1]

Registry URL
https://seqco.de/i:272

Species *Halocynthiibacter alkanivorans*

Etymology
[al.ka.ni.vo'rans] **N.L. neut. n.** *alkanum*, alkane; **L. pres. part.** *vorans*, devouring; **N.L. masc. part. adj.** *alkanivorans*, devouring alkanes

Nomenclatural type
Genome sc|0006278 Ts

Description
Campeão et al. (2019): *In silico*-predicted phenotypes indicate that the novel species produces acid from d-ribose, sucrose, and glycerol. Acetate is utilized, nitrate is reduced, and indole is produced. The G+C content is 59%.

Classification
Bacteria » *Pseudomonadota* » *Alphaproteobacteria* » *Rhodobacterales* » *Paracoccaceae* » *Halocynthiibacter* » *Halocynthiibacter alkanivorans*

References
Effective publication: Campeão et al., 2019 [1]

Registry URL
https://seqco.de/i:273

Species *Ulvibacter alkanivorans*

Etymology
[al.ka.ni.vo'rans] **N.L. neut. n.** *alkanum*, alkane; **L. pres. part.** *vorans*, devouring; **N.L. masc. part. adj.** *alkanivorans*, devouring alkanes

Nomenclatural type
Genome sc|0006279 [Ts]

Description
Campeão et al. (2019): *In silico*-predicted phenotypes indicate that the novel species utilizes dl-lactate and does not hydrolyze starch or carboxymethyl cellulose (CM-cellulose). It is negative for the utilization of d-mannitol, cellobiose, d-fructose, l-fucose, d-galactose, myo-inositol, d-sorbitol, sucrose, trehalose, and propionic acid. The G+C content is 40%.

Classification
Bacteria » *Bacteroidota* » *Flavobacteriia* » *Flavobacteriales* » *Flavobacteriaceae* » *Ulvibacter* » *Ulvibacter alkanivorans*

References
Effective publication: Campeão et al., 2019 [1]

Registry URL
https://seqco.de/i:274

References

1. Campeão et al. (2019). “ *Candidatus* Colwellia aromaticivorans” sp. nov., “ *Candidatus* Halocyntiibacter alkanivorans” sp. nov., and “ *Candidatus* Ulvibacter alkanivorans” sp. nov. Genome Sequences. *Microbiology Resource Announcements*. DOI: 10.1128/mra.00086-19

Register List Certificate of Validation

On behalf of the *Committee on the Systematics of Prokaryotes Described from Sequence Data* (SeqCode Committee), we hereby certify that the Register List **seqco.de/r:_tyw27e8** submitted by **Nguyen, Huong** and including 3 new names has been successfully validated.

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