ERRATUM

Erratum to: *Spongiimicrobium salis* gen. nov., sp. nov., a bacterium of the family *Flavobacteriaceae* isolated from a marine sponge

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Subsequent to publication it has been noticed that the polar lipid profile given in the above paper is incorrect. The composition of the polar lipid profile has been corrected in the respective sections of the paper as shown below.

Abstract A Gram-stain-negative, strictly aerobic, pale-yellow pigmented, rod-shaped, chemoheterotrophic bacterium, designated A6F-11^T, was isolated from a marine sponge collected in Japan. Phylogenetic analysis based on the 16S rRNA gene sequence indicated that the novel marine strain was affiliated with the family *Flavobacteriaceae* of the phylum *Bacteroidetes* and that it shared the highest (92.9 %) sequence similarity with *Arenibacter paladensis* LMG 21972^T. The strain could be differentiated

phenotypically from related members of the family *Flavobacteriaceae*. The major fatty acids of strain A6F-11^T were iso-C15:1 G, iso-C15:0, C16:1 ω 6c and/or C16:1 ω 7c and iso-C17:0 3-OH. A polar lipid profile consisted of phosphatidylethanolamine, two unidentified aminolipids and two unidentified lipids. The DNA G+C content was 34.7 mol %, and the major respiratory quinone was menaquinone 6 (MK-6). From the distinct phylogenetic position and combination of genotypic and phenotypic characteristics, the strain is considered to represent a novel taxon in the family *Flavobacteriaceae*, for which the name *Spongiimicrobium salis* gen. nov., sp. nov. is proposed. The type strain of *S. salis* gen. nov., sp. nov. is A6F-11^T (= KCTC 42753^T = NBRC 111401^T).

Results and discussion

Chemotaxonomic characteristics

The polar lipids of strain A6F-11^T were determined to be composed of phosphatidylethanolamine, two unidentified aminolipids and two unidentified lipids (Supplementary Fig. 1).

Description of *Spongiimicrobium salis* sp. nov

The major polar lipids are phosphatidylethanolamine, two unidentified aminolipids and two unidentified lipids (Table 1).

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Table 1 Differential characteristics of strain A6F-11^T and other closely related taxa

Characteristic	1	2	3	4	5	6
Pigmentation	Pale-yellow	Orange to dark-orange	Dark-orange	Yellow to dark-orange	Yellow	Dark-orange
Gliding motility	–	± (– ^a)	+	± (+ ^b)	+	+
Temperature range for growth (°C)	15–37	4–40	4–37	4–50	4–40	4–50
pH range for growth	6–8	6–9.6	ND	5.5–10.5	5–9	6–8.5
Highest NaCl tolerance (% w/v)	5	8	6	10	10	10
Nitrate reduction	–	± (+ ^a)	–	± (+ ^b)	± (– ^d)	+
Hydrolysis of						
Gelatin	+	± (– ^a)	–	± (– ^b)	+	+
ONPG	+	+	+	± (– ^b)	+	+
Starch	–	–	–	± (+ ^b)	+	± (+ ^e)
Urea	–	± (+ ^a)	–	± (– ^c)	–	–
Acid production from						
Cellobiose	+	+	+	± (– ^b)	+	± (+ ^e)
Galactose	+	± (+ ^a)	+	± (– ^b)	+	± (– ^e)
Glucose	–	+	+	± (– ^b)	+	± (– ^e)
Maltose	–	± (+ ^a)	+	± (– ^b)	± (+ ^d)	± (+ ^e)
Melibiose	+	± (+ ^a)	+	± (– ^b)	+	–
Lactose	–	+	+	± (– ^b)	+	–
Raffinose	–	± (+ ^a)	+	± (– ^b)	± (– ^d)	± (– ^e)
Polar lipids	PE, 2UAL, 2UL	PE, 2UL	ND	PE, 2UAL, 4UL	2UL, UAL, UAPL	ND
DNA G+C content (mol %)	34.7	37–40	35.8–41	34.2–41.1	31.6–35.4	36.1–43.4

Strains: 1 A6F-11^T (*Spongiimicrobium salis* gen. nov., sp. nov.; present study), 2 *Arenibacter* spp. (Ivanova et al. 2001; Nedashkovskaya et al. 2006; Sun et al. 2010; Jeong et al. 2013), 3 *Kriegella aquimaris* KMM 3665^T (Nedashkovskaya et al. 2008), 4 *Maribacter* spp. (Nedashkovskaya et al. 2004a; Zhang et al. 2009; Hu et al. 2015; Jackson et al. 2015; Park et al. 2015), 5 *Cellulophaga* spp. (Kahng et al. 2009; Park et al. 2012), 6 *Zobellia* spp. (Barbeyron et al. 2001; Nedashkovskaya et al. 2004b)

Data for the type strain of the type species (*A. latericius* KMM 426^T, *M. sedimenticola* KMM 3903^T, *C. lytica* ATCC 23178^T and *Z. galactanovora* Dsij^T) from a Jeong et al. 2013; b Nedashkovskaya et al. 2004a; c Park et al. 2015; d Park et al. 2012; e Nedashkovskaya et al. 2004b

PE phosphatidylethanolamine, UAL unidentified aminolipid, UL unidentified lipid, UAPL unidentified aminophospholipid, + positive, – negative, ND no data