

Outlineoffungi.org - Note 1484 *Vankyiozymaceae*

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Vankyiozymaceae Q.M. Wang

Vankyiozymaceae was erected to accommodate *Vankyiozyma* Q.-M. Wang as the type genus according to morphological traits and phylogenetical analysis using the combined sequence dataset of ITS, D1/D2, 18S, RPB1, RPB2, and TEF1 (Jiang et al. 2024). The genus was typified by *Vankyiozyma motuoensis* Q.-M. Wang. The diagnosis of the family *Vankyiozymaceae* relies on the genus *Vankyiozyma*. In *Vankyiozymaceae*, sexual reproduction has not been seen. Colonies exhibit a yellowish, rough texture. The presence of budding cells indicates a form of asexual reproduction, while the absence of pseudohyphae and hyphae suggests a limited morphological development. Additionally, ballistoconidia formation has also not been observed. The family *Vankyiozymaceae* is classified under *Georgefischeriales*, *Exobasidiomycetes*, *Ustilaginomycotina*, and *Basidiomycota* (Liu et al. 2023).

Reference

Jiang YL, Bao WJ, Liu F, Wang GS, et al. 2024 – Proposal of one new family, seven new genera and seventy new basidiomycetous yeast species mostly isolated from Tibet and Yunnan provinces, China. *Studies in Mycology*.

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