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[Aklioshbomyces](#) Hanafy, Lanjekar, Dhakephalkar, T.M. Callaghan, Dagar, G.W. Griff., Elshahed & N.H. Youssef

[Aklioshbomyces](#) an obligate anaerobic taxon associated with herbivore guts, was isolated from freshly deposited feces of a female white-tailed deer (*Odocoileus virginianus*) ([Hanafy et al. 2019](#)). This monotypic genus was introduced in *Neocallimastigaceae* by [Hanafy et al. \(2019\)](#), based on *A. papillarum*. [Aklioshbomyces](#) produce exogenous zoosporangia and globose monoflagellate zoospores ([Hanafy et al. 2019](#)). No sexual reproductive structures have been reported.

Reference

Hanafy RA, Lanjekar VB, Dhakephalkar PK, Callaghan TM, Dagar SS, Griffith GW, Elshahed MS, Youssef NH (2020) Seven new Neocallimastigomycota genera from wild, zoo-housed, and domesticated herbivores greatly expand the taxonomic diversity of the phylum. *Mycologia*, 112(6):1212–1239. doi.org/10.1080/00275514.2019.1696619

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