

The complete genome of *Fusarium musae*.

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We describe here the first complete genome of *Fusarium musae*, a pathogen causing crown rot of banana, an important postharvest disease. The fungus has been associated also to clinical infections and has often been misidentified as *F. verticillioides*. Using a Nanopore and Illumina sequencing strategy combined with a specific annotation pipeline, we obtained the full genome of the F31 strain, a pathogen of banana isolated in the Dominican Republic. We describe twelve telomere-to-telomere chromosomes and the mitochondrial DNA. To our knowledge the assembled genome represents a reference for completeness in the *Fusarium fujikuroi* species complex.