BIFIDOBACTERIUM LONGUM YH295 AND USE THEREOF IN PREPARATION OF PRODUCT REDUCING RISK OF ABDOMINAL OBESITY

ABSTRACT

The present invention provides a strain *Bifidobacterium longum* YH295 and use thereof in products reducing the risk of abdominal obesity, and relates to the technical field of probiotic use. In the present invention, accession number of the strain *Bifidobacterium longum* YH295 is CGMCC No.14093. In embodiments of the present invention, the strain *Bifidobacterium longum* YH295 can reduce the risk of abdominal obesity and nonalcoholic fatty liver disease (NAFLD) in such a way that it significantly increases counts of *Lactobacillus* and *Bifidobacterium* in the gut, upregulates expression of the intestinal regenerative gene and intestinal transmembrane binding protein content significantly, and lowers the level of plasma endotoxin and intestinal inflammatory factors; this can be used to prepare food products, supplements, or pharmaceutical products for the prophylaxis and treatment of metabolic syndrome.

No figure accompanies abstract