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(54) Title: NATURAL DERIVATIVE OF THE *LACTOBACILLUS JOHNSONII* STRAIN CNCM I-1225, DEFICIENT IN D-LACTIC ACID PRODUCTION AND WITH A FURTHER IMPROVED IMMUNE PROFILE

(57) Abstract: The present invention generally relates to the field of probiotic bacteria. In particular, the present invention relates to natural derivatives of the *Lactobacillus johnsonii* strain CNCM I-1225 with improved properties. For example, the present invention relates to a natural derivative of the *Lactobacillus johnsonii* strain CNCM I-1225 that is deficient in D-lactic acid production and exhibits a further improved immune profile.



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