

ABSTRACT

The present disclosure relates to a composition for screening an intestinal environment-improving material and a screening method using the composition, and according to the composition and the method of the present disclosure, it is possible to provide an effective analysis method for screening a microbiota-improving candidate material in a personalized manner by providing a method for verifying personalized probiotics, prebiotics, foods, health functional foods and drugs under in vitro conditions based on microbiota and microbiota metabolites.