

Supplemental Table 1 Search strategy in meta-analysis

ID	Search
#1	Keyword of (Gastrointestinal Microbiome OR gut microbiome OR intestinal microbiota OR Gastrointestinal Flora OR gut flora OR gut microbiota OR intestinal microbiome)
#2	Keyword of (Probiotics)
#3	Keyword of (liver cirrhosis OR Hepatic Cirrhosis OR cirrhosis)
#4	(#1 AND #3), (#2 AND #3)

Last update search: August 2022.