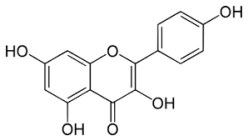
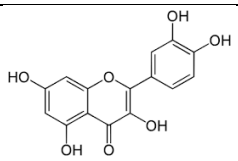
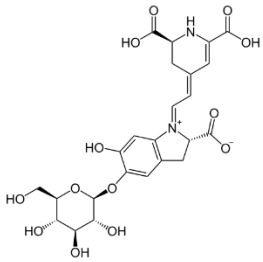
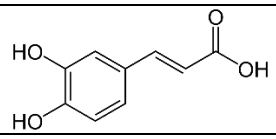
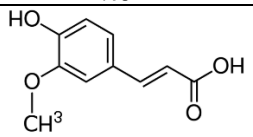
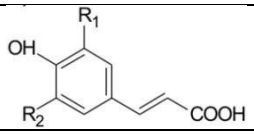
Table S1. Compounds reported to be present in garambullo.

Bioactive compounds	**Chemical structure**	**Bacteria associated**
Kaempferol [17,20,18,6]		*Clostridium*
Quercetin [17,21,18,36,6]		*Bacteroides* *Enterococcus* *Butirivibrio* *Clastridium*
Betalains [17,21,6,39]		*Firmicutes* *Proteobacterias* *Firmicutes* *Lachnospirace* *Blautia* *Lactobacillus* *Akkermansia muciniphela* *Rombustia* *Ruminoccocace*
Caffeic acid [6,36]		*Lactobacillus*
Ferulic acid [21,6]		*Bifidobacterium* *Lactobacillus* *Clastridium*
Phenolic acids (hydroxycinnamic acid) [17,21,6,36]		*Bifidobacterium* *Lactobacillus*