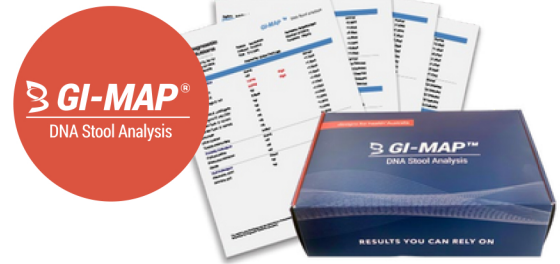


# Gas and histamine producers on GI-MAP®



Hydrogen Producers	<i>Firmicutes</i>
	<i>Clostridia</i>
	<i>Bacteroidetes</i>
Methane Producers	<i>Methanobacteriaceae</i>
Hydrogen Sulfide Producers	<i>Fusobacterium spp.</i>
	<i>Escherichia spp.</i>
	<i>Klebsiella spp.</i>
	<i>Klebsiella pneumoniae</i>
	<i>Enterobacter spp.</i>
	<i>Citrobacter spp.</i>
	<i>Citrobacter freundii</i>
	<i>Proteus spp.</i>
	<i>Proteus mirabilis</i>
	<i>Morganella spp.</i>
	<i>Bacteroides fragilis</i>
	<i>Staphylococcus aureus</i>
	<i>Pseudomonas aeruginosa</i>
<i>Salmonella spp.</i>	
<i>Yersinia enterocolitica</i>	
Histamine Producers	<i>Morganella</i>
	<i>Klebsiella</i>
	<i>Klebsiella pneumoniae</i>
	<i>Pseudomonas</i>
	<i>Pseudomonas aeruginosa</i>
	<i>Citrobacter freundii</i>
	<i>Proteus</i>
<i>Proteus mirabilis</i>	