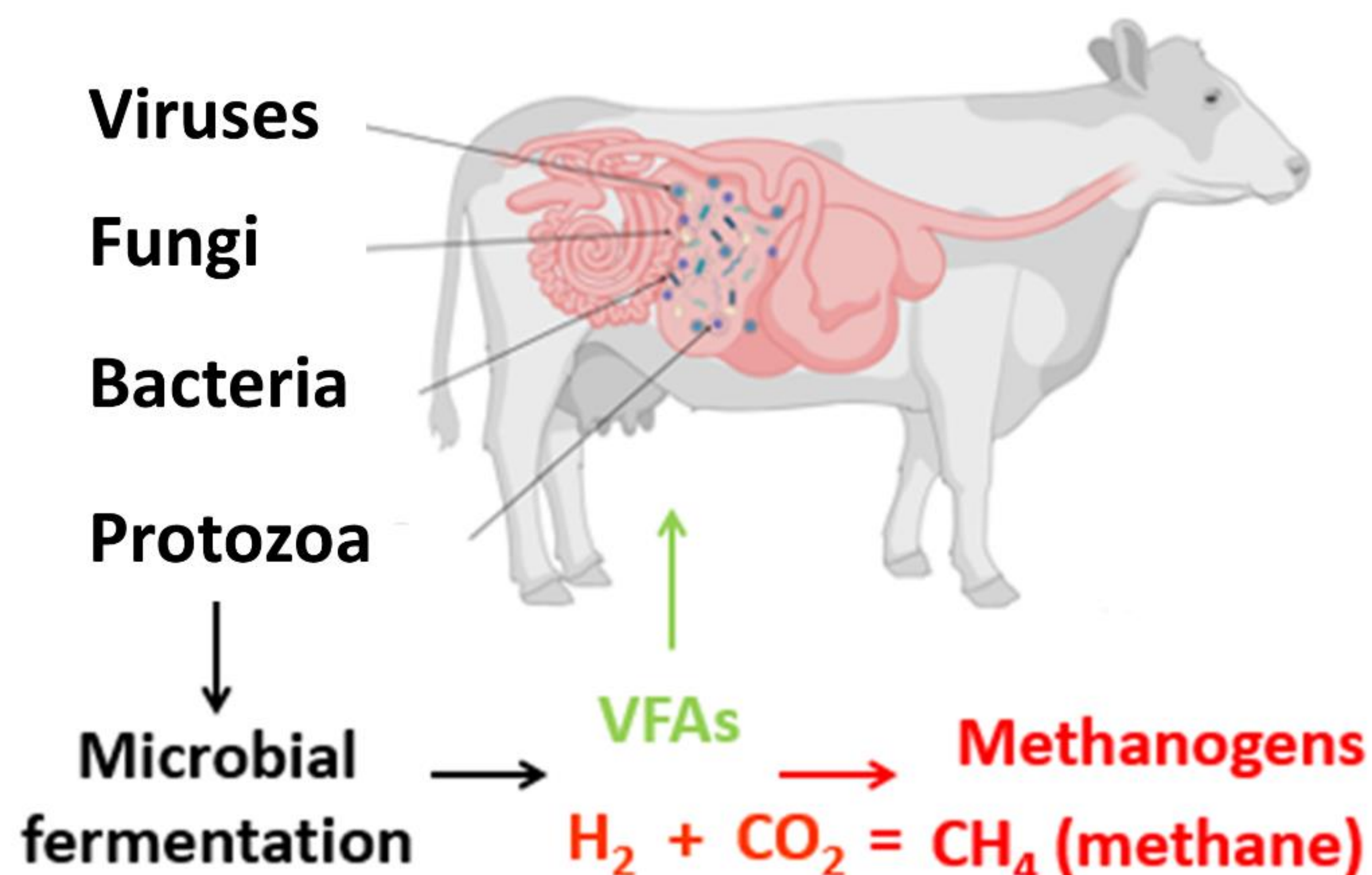
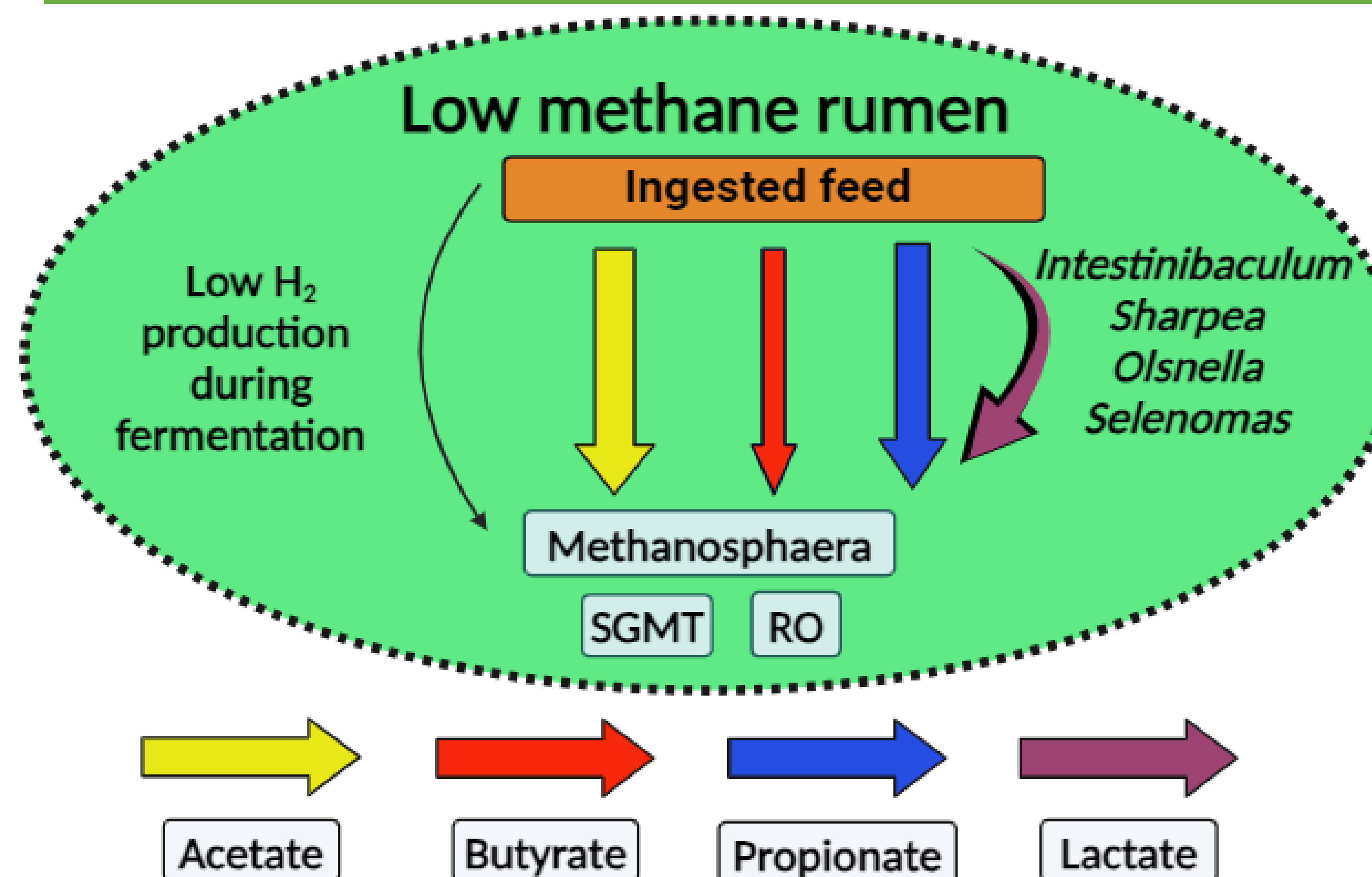


## Rumen microbiome

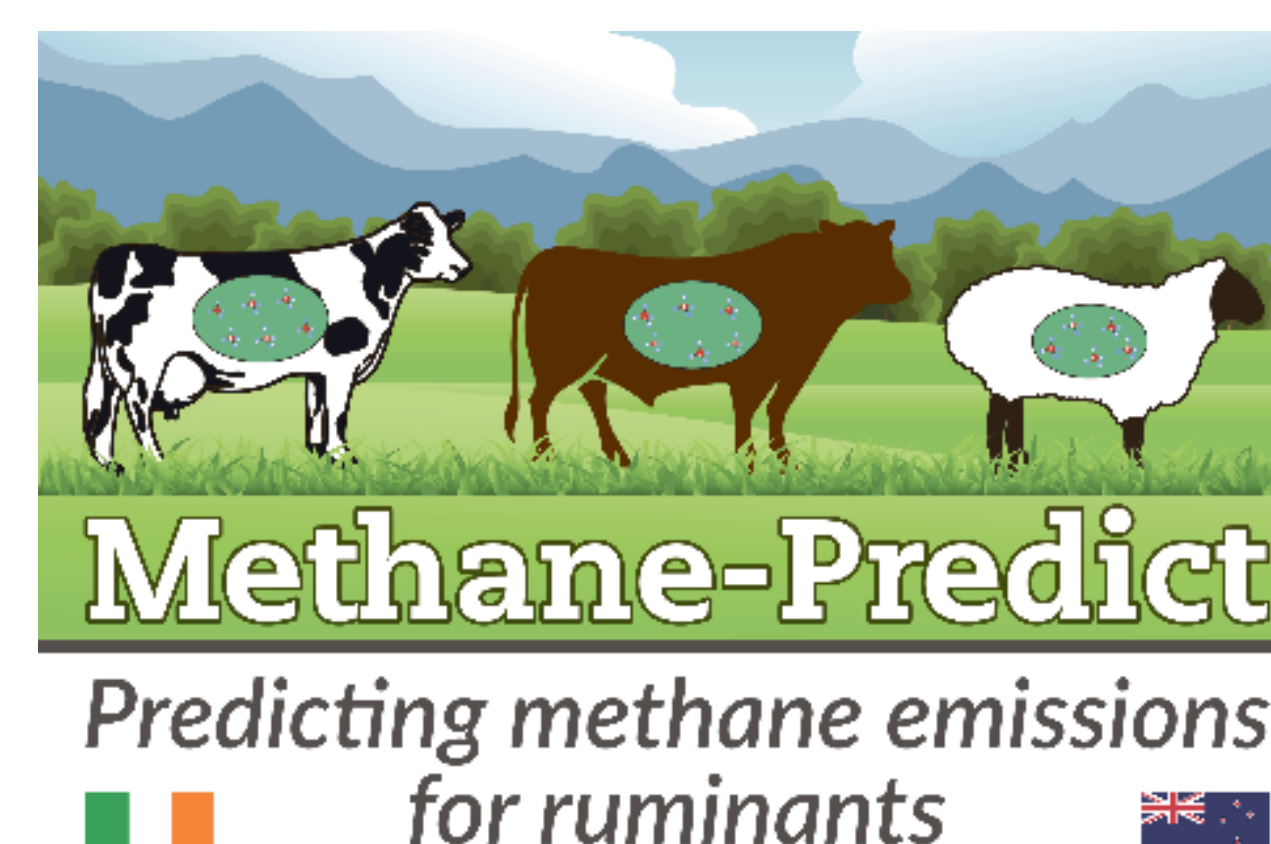


Rumen microbiome contributes 15-40% of inter animal variation in methane output

## Microbial research for reducing methane emissions



- Microbial assisted genetic selection of low methane emitting animals
- Understanding factors influencing rumen microbial development
- Early life rumen microbial probiotics



## Take home messages

- Rumen microbiome is a key contributor to enteric methane emissions
- Multiple microbial based strategies currently under investigation