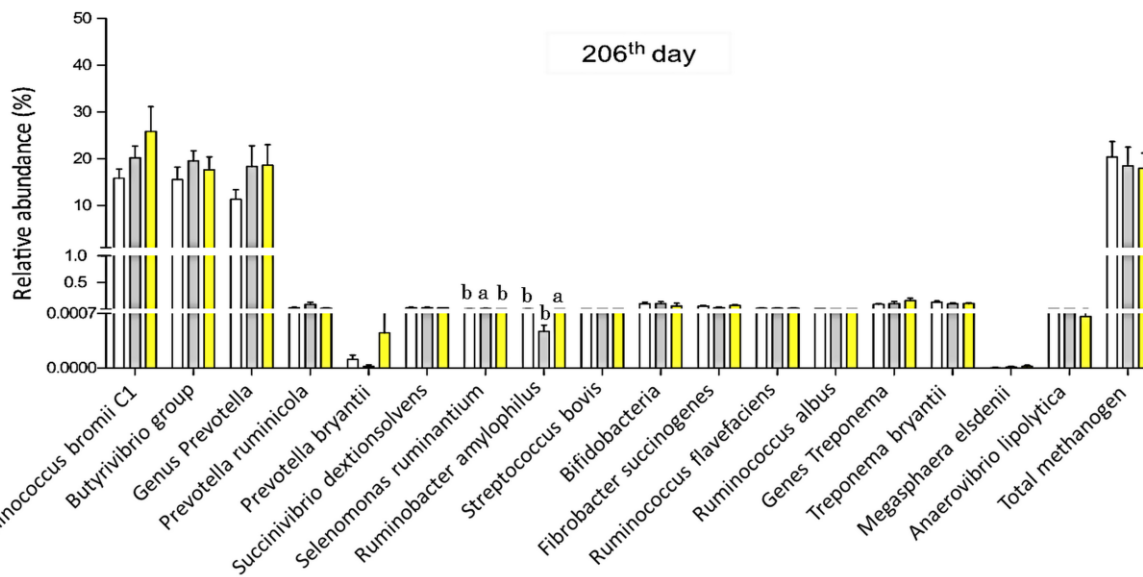
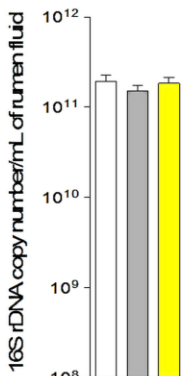
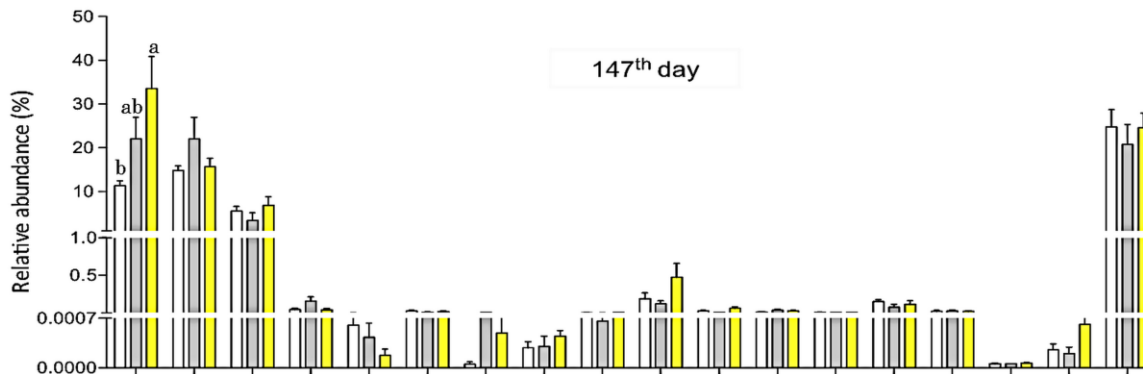
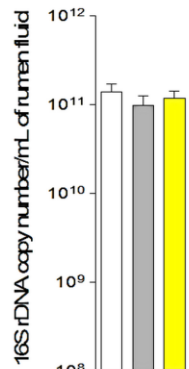
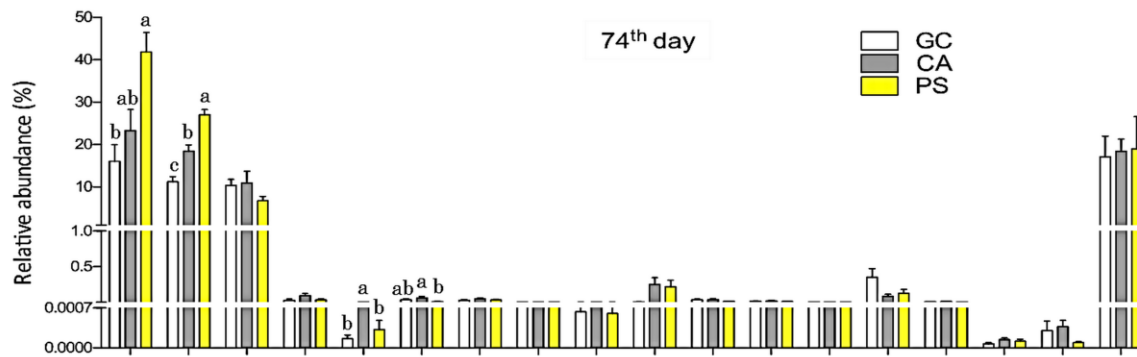
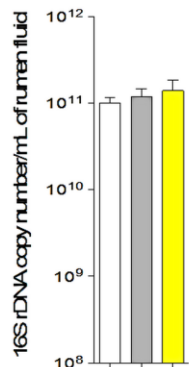




Title	Effect of pineapple stem starch feeding on rumen microbial fermentation, blood lipid profile, and growth performance of fattening cattle
Author(s)	Khongpradit, Anchalee; Boonsaen, Phoompong; Homwong, Nitipong; Suzuki, Yutaka; Koike, Satoshi; Sawanon, Suriya; Kobayashi, Yasuo
Citation	Animal science journal, 91(1), e13459 https://doi.org/10.1111/asj.13459
Issue Date	2020-01
Doc URL	http://hdl.handle.net/2115/82824
Rights	This is the peer reviewed version of the following article: Effect of pineapple stem starch feeding on rumen microbial fermentation, blood lipid profile, and growth performance of fattening cattle, which has been published in final form at 10.1111/asj.13459. This article may be used for non-commercial purposes in accordance with Wiley Terms and Conditions for Use of Self-Archived Versions.
Type	article (author version)
Additional Information	There are other files related to this item in HUSCAP. Check the above URL.
File Information	Figure1_new.pdf (📄)



[Instructions for use](#)



Total bacteria

Ruminococcus bromii C1
 Butyrivibrio group
 Genus Prevotella
 Prevotella ruminicola
 Prevotella bryantii
 Succinivibrio dextionsolvens
 Selenomonas ruminantium
 Ruminobacter amylophilus
 Streptococcus bovis
 Bifidobacteria
 Fibrobacter succinogenes
 Ruminococcus flavefaciens
 Ruminococcus albus
 Genus Treponema
 Treponema bryantii
 Megasphaera elsdenii
 Anaerovibrio lipolytica
 Total methanogen