

Table S1.Effect of HPC meal-based diet on growth performance from 14 to 28 days of Magang geese

Item	d 14 HCP	d 28 HCP
Weight (g)	231.60±4.50	484.00±16.01
Average daily gain (ADG) (g/d)	16.56±0.71	18.02±2.69
Mortality rate %	18.56	22.33

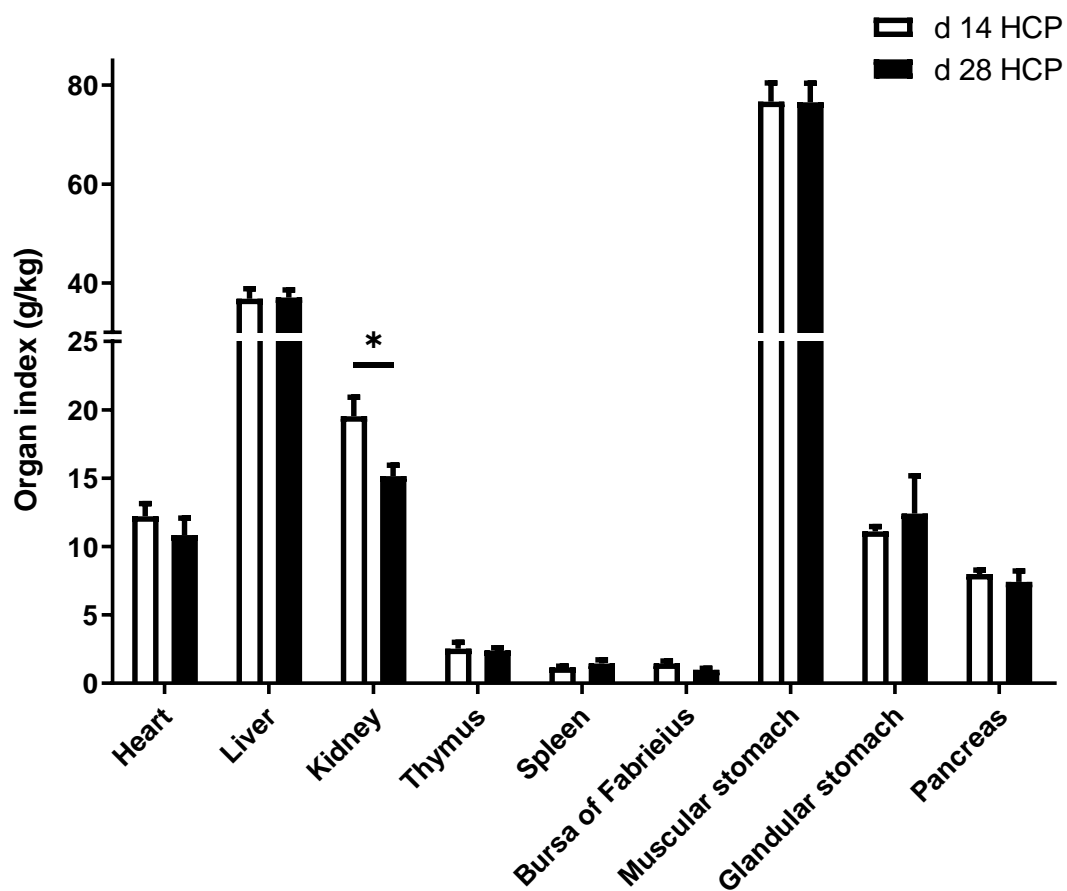


Figure S1. Effect of HPC meal-based diet on organ indexes from 14 to 28 days of Magang geese. * mean significant difference ($p < 0.05$).

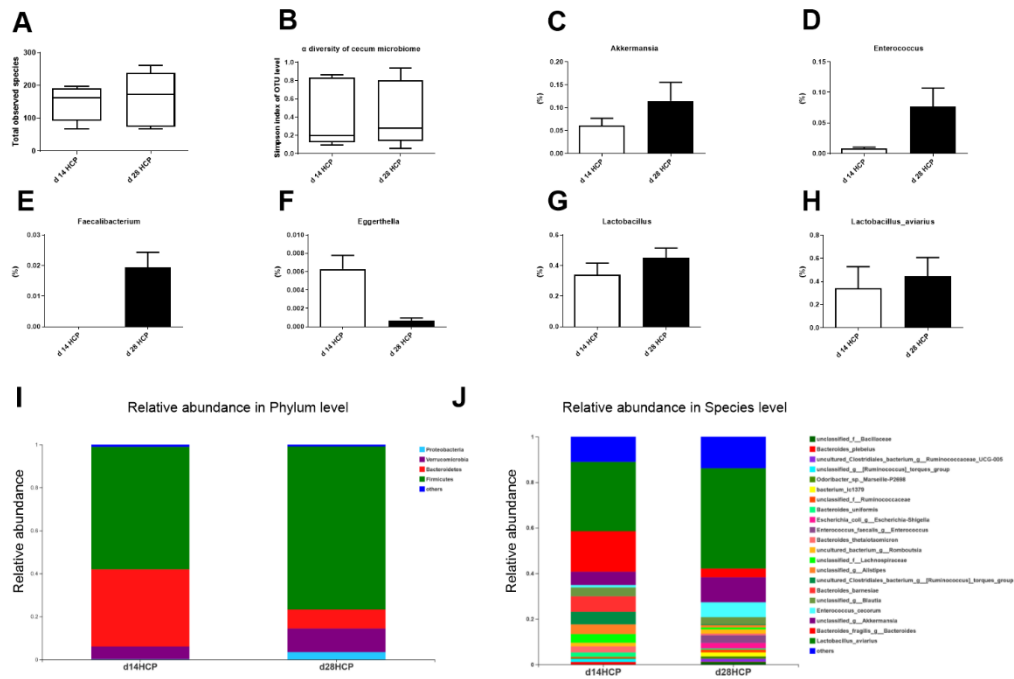


Figure S2. Effect of HPC meal-based diet on cecum microbial diversity of Magang geese on d 14 and d 28. **(A)** Total observed species. **(B)** Alpha diversity: Simpson index. **(C-H)** Comparisons among groups on the relative abundance of the most differential *Akkermansia*, *Enterococcus*, *Faecalibacterium*, *Eggerthella*, *Lactobacillus* and *Lactobacillus_avarius*. Error bars represent the standard error of the mean. (n = 6/group). **(I)** Relative abundance of bacteria at Phylum level. OTUs with an occurrence lower than 1% are not represented. **(J)** Relative abundance of Species in each group.