Electronic Supplementary Material (ESI) for Food & Function.
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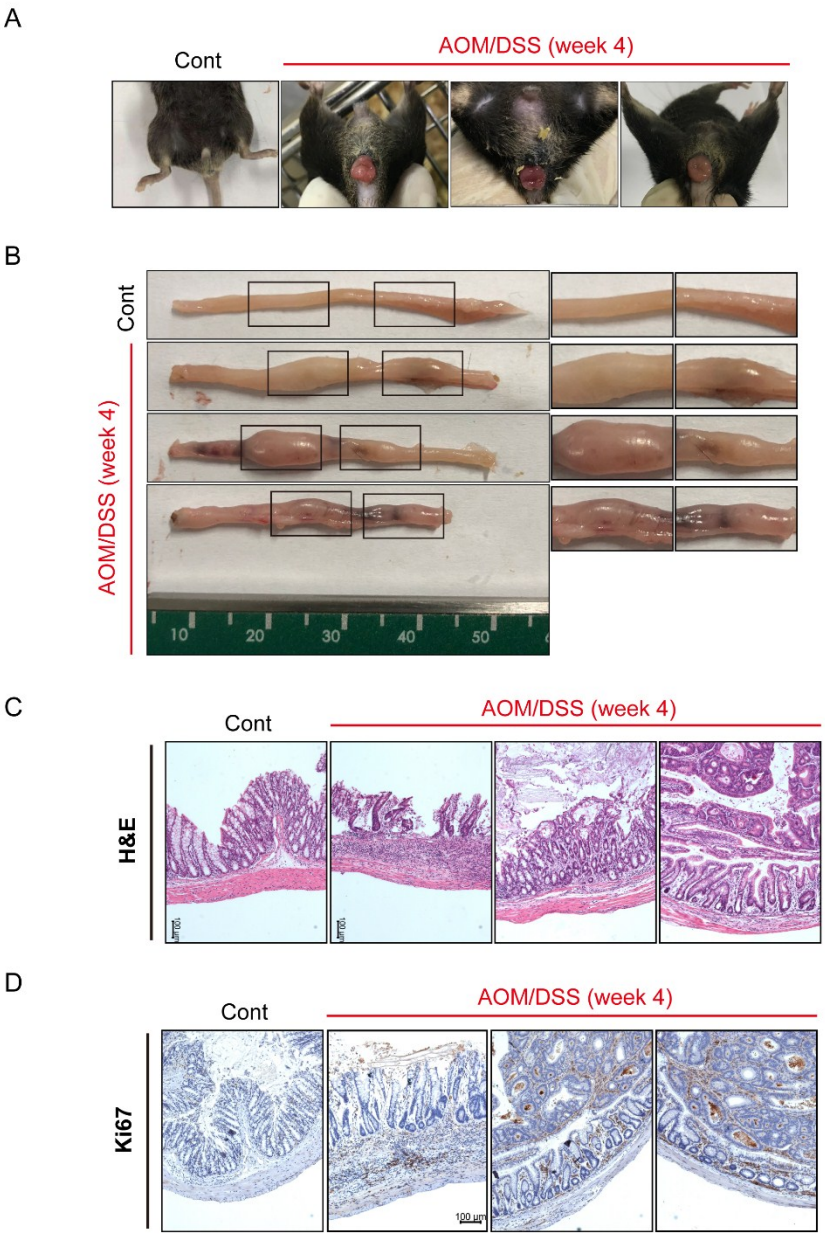
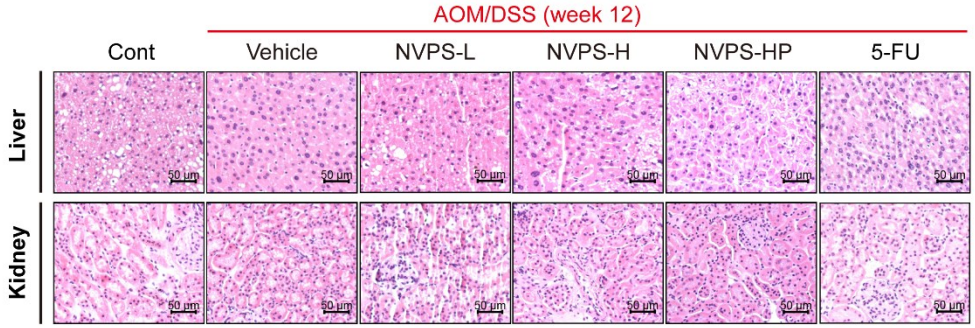
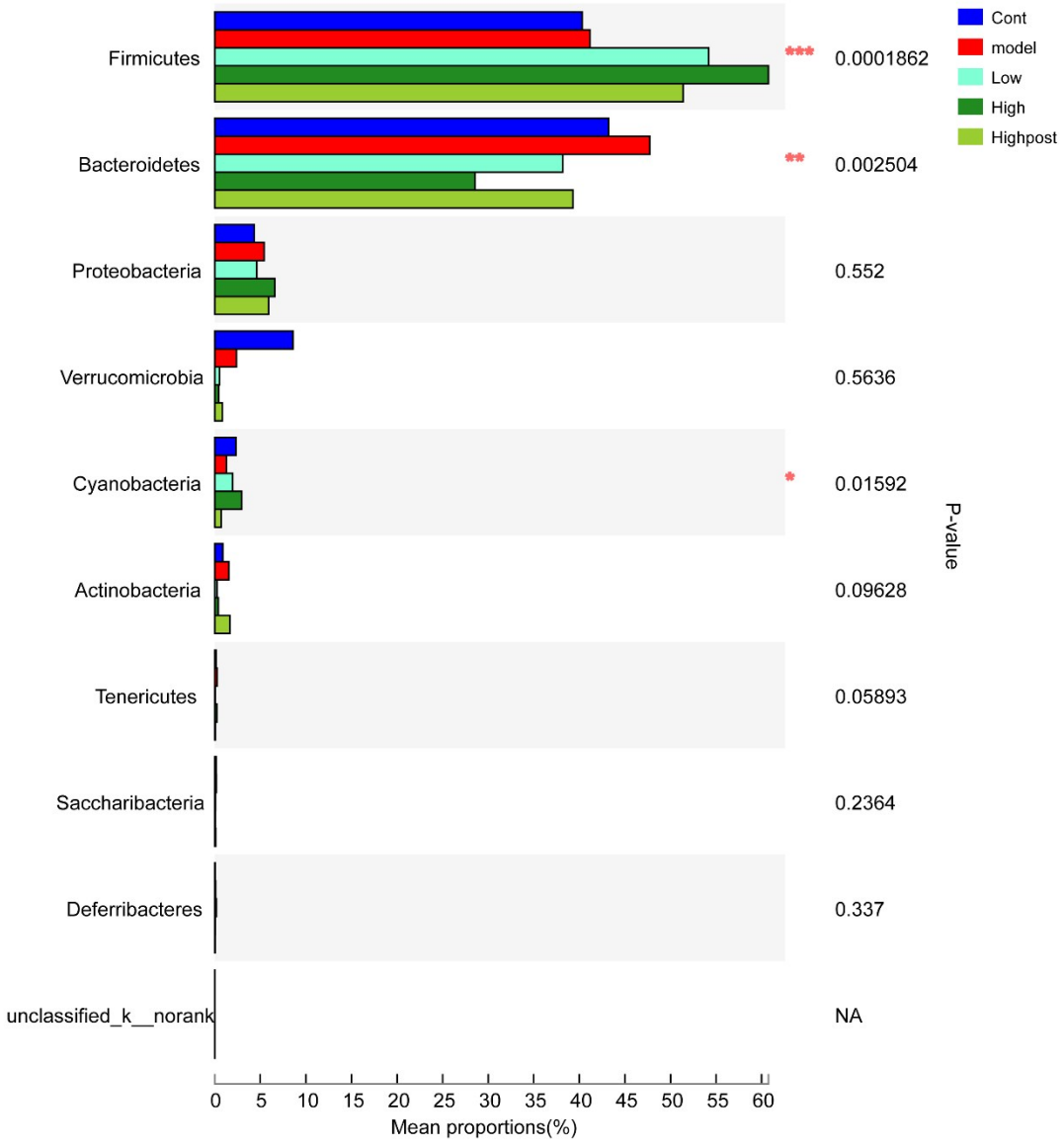
Supplementary Figures



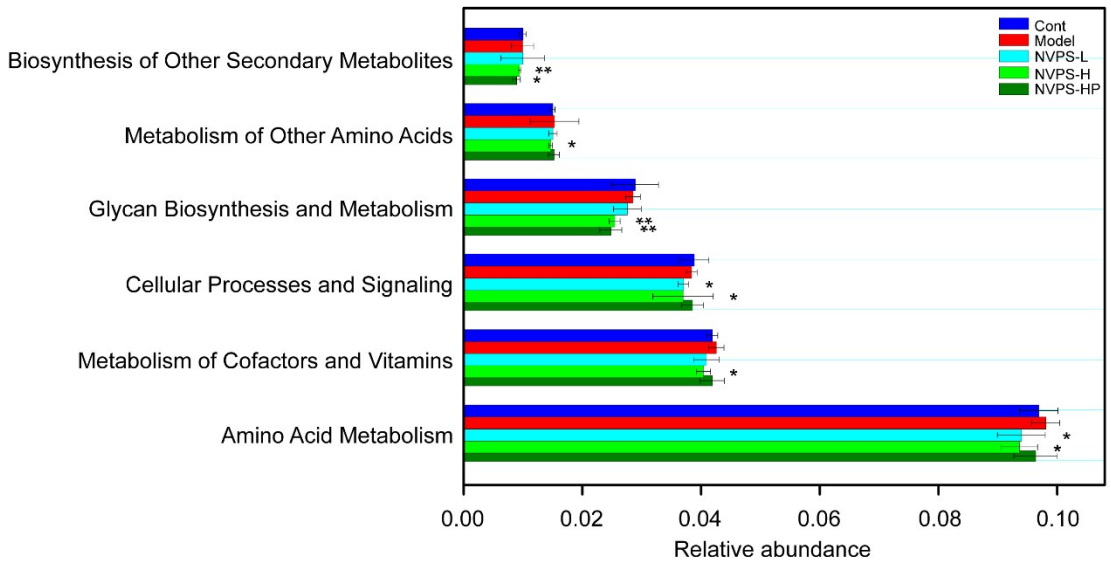
Supplementary Figure S1



Supplementary Figure S2



Supplementary Figure S3


Biosynthesis of Other Secondary Metabolites
Metabolism of Other Amino Acids
Glycan Biosynthesis and Metabolism
Cellular Processes and Signaling
Metabolism of Cofactors and Vitamins
Amino Acid Metabolism
Cont
Model
NVPS-L
NVPS-H
NVPS-HP
0.00
0.02
0.04
0.06
0.08
0.10
Relative abundance

10

Supplementary Figure S4

Supplementary Table 1 Diversity indices of all groups

Samples	OTU	Ace		Chao		Shannon		Simpson		Coverage	
Cont		439.9	±	448.37	±	4.2567	±	0.049293	±	0.99415	±
	575	40.368		37.634		0.47402		0.041117		0.00034765	
Model		480.88	±	482.84	±	4.543	±	0.025494	±	0.99386	±
	625	44.378		50.235		0.15183		0.005312		0.00035575	
NVPS-L		462.47	±	465.41	±	4.2445	±	0.048766	±	0.99383±	
	593	23.636		24.08		0.25891*		0.03144		0.0005996	
NVPS-H		437.78	±	440.75	±	4.3259	±	0.031558	±	0.99407	±
	564	15.522*		33.019		0.10175*		0.00686		0.00053078	
NVPS-HP		465.28	±	468.18	±	4.1608	±	0.044556	±	0.99335	±
	617	33.369		39.2		0.43116		0.021965		0.0012127	

*$P < 0.05$ vs group Model.