

Supplemental material:

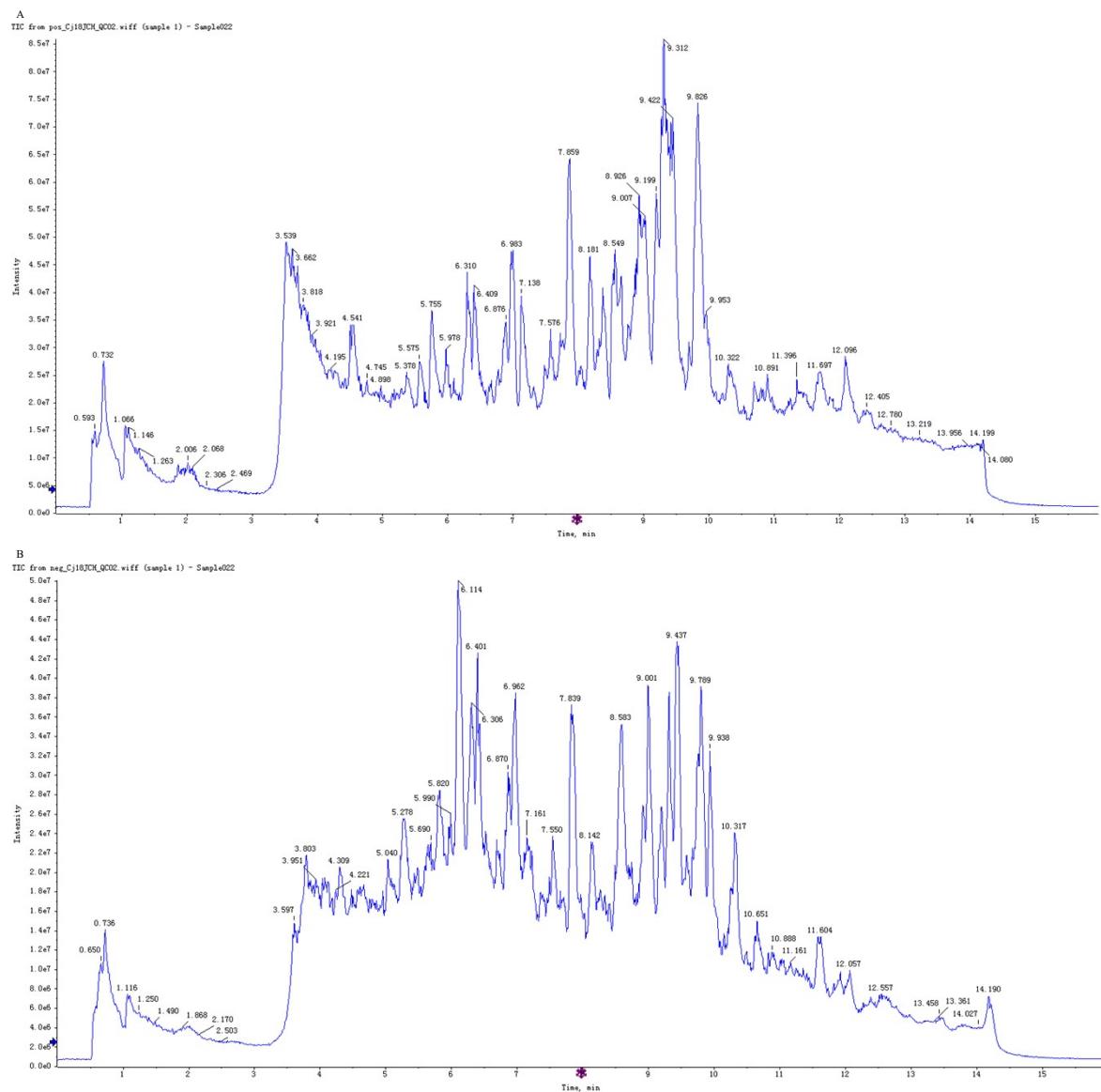


Fig. S1. Total ion chromatography of mass spectrometer in QC samples, (A) UPLC-Triple TOF ESI (+), (B) UPLC-Triple TOF ESI (-).

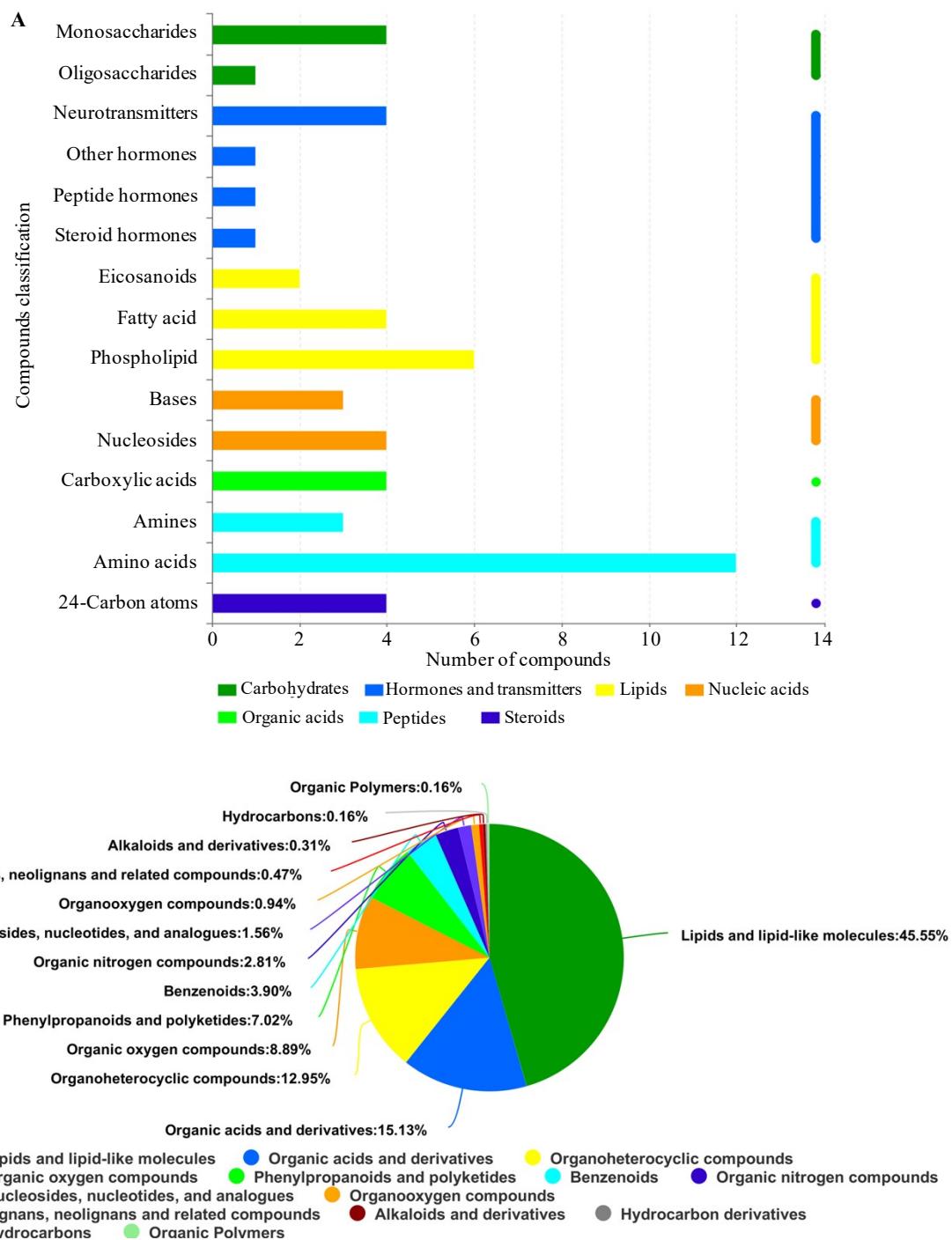


Fig. S2. Metabolites classification according to KEGG (A) and HMDB (B).

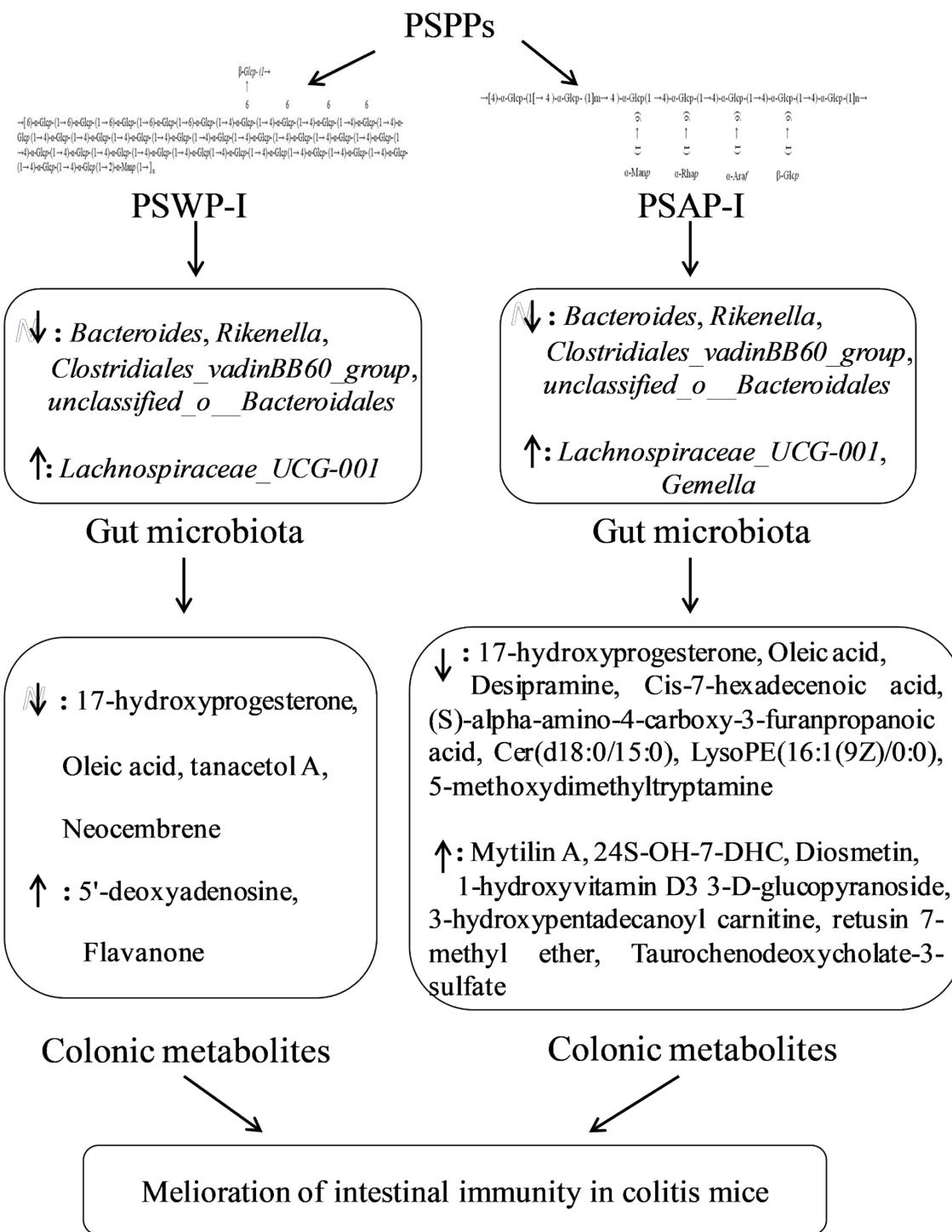


Fig. S3. Speculated mechanisms of PSWP-I and PSAP-I for illustrating the difference in their regulating effects on intestinal metabolites.

Table S1

Pathway description of KEGG topology for each metabolite set.

Pathway	DSS vs. NC		DSS+PSWP-I vs.DSS		DSS+PSAP-I vs.DSS	
	Impact value	P value	Impact value	P value	Impact value	P value
Cutin, suberine and wax biosynthesis	0.0357	0.0272	0.0357	0.0272	0.0357	0.0182
Biosynthesis of unsaturated fatty acids	0.0000	0.0325	0.0000	0.0325	0.0000	0.0218
Fatty acid biosynthesis	0.0000	0.0336	0.0000	0.0336	0.0000	0.0226
Steroid hormone biosynthesis	0.0955	0.0470	0.0955	0.0470	0.0955	0.0320