**Supplementary Data for**

***Dioscoreae persimilis* polysaccharide ameliorates DSS-induced ulcerative colitis in mice through modulation of microbiota composition**

**Supplementary Figures**

****

**Fig. S1** Thecalibration curve of carbohydrate content.

****

**Fig. S2** The ration of *Firmicutes* to *Bacteroidetes*.

Table S1. Scoring Criteria of DAI

|  |  |  |  |
| --- | --- | --- | --- |
| Score | Weight loss | Stool characteristics | hematochezia |
| 0 | unchanged | Normal | No blood within 2 min |
| 1 | 1% < weight loss rate<5% | soft | Positive in 10 s |
| 2 | 5%≤weight loss rate≤10% | very soft | Light purple within 10 s |
| 3  4 | 10%≤weight loss rate≤20%  weight loss rate≥20% | watery stools | Heavy purple with 10 s |