**Supplementary Table 1.** Shannon diversity index, richness and evenness of PCR-DGGE profiles of feces samples of mice.

| Groups                  | Control  | Millet porridge |
|-------------------------|----------|-----------------|
|                         | 3 g/kg   | 6 g/kg          | 12 g/kg         |
| **Diversity index ($H$)** | 2.55±0.10<sup>a</sup> | 2.90±0.05<sup>c</sup> | 3.38±0.16<sup>b</sup> | 3.33±0.13<sup>b</sup> |
| **Richness ($S$)**      | 38.33±1.15<sup>a</sup> | 39.33±0.13<sup>ab</sup> | 45.33±2.08<sup>c</sup> | 42.67±2.08<sup>bc</sup> |
| **Evenness ($E$)**      | 0.70±0.01<sup>a</sup> | 0.79±0.00<sup>b</sup> | 0.88±0.01<sup>c</sup> | 0.89±0.02<sup>bc</sup> |

<sup>a-c</sup>Means that different letters within a row indicate a significant difference ($P < 0.05$) between them.