**Table S3.** Number of significantly different bacterial community groups by pairwise comparison between forestlands cultivated with *Stropharia rugosoannulata* (Y010, Y011, Y001 and Y101) and the no-cultivation control (Y000).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Comparison pairs | Y010 | Y011 | Y001 | | Y101 | Y000 |
| Y010/Y000 | 3 |  | |  |  | 0 |
| Y011/Y000 |  | 2 |  | |  | 0 |
| Y001/Y000 |  |  | 3 | |  | 1 |
| Y101/Y000 |  |  |  | | 4 | 1 |