

Table S3. Analysis of α -diversity.

| Diversity | Responders | Non-Responders | <i>p-value</i> |
|------------------|-------------------|-----------------------|-----------------------|
| Chao1 | 199.6±5.8 | 196.7±3.8 | 0.665 |
| Simpson | 0.933±0.002 | 0.935±0.001 | 0.380 |
| Shannon | 3.16±0.03 | 3.18±0.02 | 0.652 |

Data are mean±SEM. Responders group: patients who reverted from T2DM after 5 years of dietary intervention follow-up. Non-Responders group: patients who remained with T2DM after 5 years of follow-up. Significant differences ($p < 0.05$) by Mann-Whitney U test.