

Supplementary Table S1. Comparison of antibiotic use between the fecal microbiota transplantation and control groups

| Variable | FMT group (N=27) | Control group (N=21) | P-value |
|--|-----------------------------|-------------------------------------|----------------|
| Antibiotic use after FMT or enrolment (>7 days), n (%) | 16 (59.3) | 10 (47.6) | 0.609 |
| <i>Cephalosporin</i> | 4 (14.8) | 5 (23.8) | 0.675 |
| <i>Sulfamethoxazole-trimethoprim</i> | 3 (11.1) | 2 (9.5) | >0.999 |
| <i>Aminoglycoside</i> | 3 (11.1) | 0 (0.0) | 0.329 |
| <i>Broad-spectrum penicillin</i> | 6 (22.2) | 7 (33.3) | 0.595 |
| <i>Quinolone</i> | 6 (22.2) | 2 (9.5) | 0.435 |
| Antibiotic use after FMT or enrolment (≤7 days), n (%) | 15 (55.6) | 16 (76.2) | 0.239 |
| <i>Cephalosporin</i> | 3 (11.1) | 4 (19.0) | 0.718 |
| <i>Sulfamethoxazole-trimethoprim</i> | 2 (7.4) | 0 (0.0) | 0.585 |
| <i>Aminoglycoside</i> | 2 (7.4) | 2 (9.5) | >0.999 |
| <i>Broad-spectrum penicillin</i> | 3 (11.1) | 5 (23.8) | 0.435 |
| <i>Quinolone</i> | 2 (7.4) | 3 (14.3) | 0.766 |
| <i>Glycopeptide</i> | 3 (11.1) | 2 (9.5) | >0.999 |
| <i>Oral vancomycin</i> | 2 (7.4) | 1 (4.8) | >0.999 |
| <i>Carbapenem</i> | 1 (3.7) | 0 (0.0) | >0.999 |
| Antibiotic use before FMT or enrolment, n (%) | 23 (85) | 21 (100.0) | 0.188 |

| Variable | FMT group (N=27) | Control group (N=21) | P-value |
|--|-----------------------------|-------------------------------------|----------------|
| <i>Cephalosporin</i> | 16 (59) | 6 (28.6) | 0.068 |
| <i>Sulfamethoxazole-trimethoprim</i> | 2 (7.4) | 2 (9.5) | >0.999 |
| <i>Aminoglycoside</i> | 3 (11.1) | 5 (23.8) | 0.435 |
| <i>Broad-spectrum penicillin</i> | 14 (51.9) | 9 (42.9) | 0.743 |
| <i>Quinolone</i> | 11 (40.7) | 8 (38.1) | >0.999 |
| <i>Glycopeptide</i> | 6 (22.2) | 4 (19.0) | >0.999 |
| <i>Oral vancomycin</i> | 4 (14.8) | 2 (9.5) | 0.912 |
| <i>Tigecycline</i> | 1 (3.7) | 0 (0.0) | >0.999 |
| <i>Carbapenem</i> | 4 (14.8) | 2 (9.5) | 0.912 |
| Total antibiotic treatment duration (mean ± SD) | 24.8 ± 14.7 | 24.2 ± 13.9 | 0.898 |
| Antibiotic treatment duration before FMT or enrolment (median, IQR) | 18.0 [5.0;30.0] | 28.0 [14.0;32.0] | 0.051 |
| Antibiotic treatment duration after FMT or enrolment (median, IQR) | 3.0 [0.0;22.0] | 0.0 [0.0; 2.0] | 0.061 |

Abbreviation: FMT, fecal microbiota transplantation; IQR, interquartile range; SD, standard deviation