

Table 2. The relative abundance of top 10 gut microbiota distributed at the phylum level.

Phyla Relative abundance (%)	Vehicle	5-FU	MPH-966 (5 mg/kg) + 5-FU	MPH-966 (7.5 mg/kg) + 5-FU	MPH-966 (7.5 mg/kg)
Firmicutes	60.09 ± 9.08	81.32 ± 3.70	82.07 ± 3.76	68.41 ± 5.53	52.37 ± 3.74
Bacteroidetes	30.90 ± 9.92	12.00 ± 3.92	11.83 ± 3.83	23.39 ± 5.41	29.90 ± 4.39
Proteobacteria	2.47 ± 0.72	2.30 ± 0.45	2.07 ± 0.46	1.66 ± 0.31	2.93 ± 0.95
Actinobacteria	2.28 ± 0.80	0.17 ± 0.04	0.27 ± 0.07	0.47 ± 0.13	2.13 ± 0.72
Cyanobacteria	0.60 ± 0.24	1.12 ± 0.32	1.05 ± 0.39	1.44 ± 0.35	0.32 ± 0.10
Verrucomicrobia	0.18 ± 0.12	0.25 ± 0.11	0.82 ± 0.34	1.46 ± 1.10	1.10 ± 0.66
Deferribacteres	0.17 ± 0.04	0.43 ± 0.29	0.31 ± 0.10	0.56 ± 0.34	0.34 ± 0.19
Tenericutes	0.03 ± 0.02	0.05 ± 0.03	0.04 ± 0.01	0.70 ± 0.67	0.17 ± 0.13
Fusobacteria	0.17 ± 0.09	0.18 ± 0.09	0.11 ± 0.05	0.12 ± 0.04	0.14 ± 0.09
Epsilonbacteraeota	0.04 ± 0.02	0.03 ± 0.02	0.03 ± 0.01	0.02 ± 0.01	0.07 ± 0.05
Firmicutes / Bacteroidetes (F/B)	1.94	6.78	6.94	2.93	1.75

Values were represented as the mean ± SEM. (n=5 for vehicle group, n=8 for other each groups)