

Table S5 Read counts in microbiome sample DO-101 broken down by observed SNP allele and by the genotypes of genomic DNA samples DO-101 and DO-102

| DO-101 genotype | DO-102 genotype | allele in DO-101 microbiome | | | |
|-----------------|-----------------|-----------------------------|---------|---------|---------|
| | | A (%) | | B (%) | |
| AA | AA | 3,664,076 | (99.6%) | 14,305 | (0.4%) |
| AA | AB | 1,161,383 | (99.5%) | 6,187 | (0.5%) |
| AA | BB | 153,501 | (99.3%) | 1,067 | (0.7%) |
| AB | AA | 651,287 | (52.0%) | 600,434 | (48.0%) |
| AB | AB | 378,800 | (51.8%) | 352,828 | (48.2%) |
| AB | BB | 155,967 | (51.2%) | 148,703 | (48.8%) |
| BB | AA | 3,088 | (1.6%) | 185,825 | (98.4%) |
| BB | AB | 3,210 | (1.3%) | 240,712 | (98.7%) |
| BB | BB | 2,162 | (1.0%) | 217,882 | (99.0%) |