

**Table S2** Read counts in microbiome sample DO-360 broken down by observed SNP allele and by the genotype of genomic DNA sample DO-360.

DO-360 genotype	allele in DO-360 microbiome			
	A (%)		B (%)	
AA	8,863,572	(85.4%)	1,520,169	(14.6%)
AB	2,870,063	(72.7%)	1,075,126	(27.3%)
BB	671,722	(55.6%)	536,010	(44.4%)