

Supplemental Table 1 – Comparison between main parameters. The number of subjects in prohibitive for most of the analyses that would allow the disentanglement of the variables.

Unweighted Beta-Diversity - Monte Carlo 999 permutations	
Overall Comparison	p-value
454 (50 subjects) vs Illumina (12 subjects)	0.001
African-American (35 subjects) vs Caucasian (27 subjects)	0.224
Pregnant (33 subjects) vs No Pregnant (29 subjects)	0.001
Platform Effect	
454 & African-American & Pregnant (19 subjects) vs Illumina & African-American & Pregnant (0 subjects)	NA
454 & Caucasian & Pregnant (2 subjects) vs Illumina & Caucasian & Pregnant (12 subjects)	NA
454 & African-American & Not Pregnant (16 subjects) vs Illumina & African-American & Not Pregnant (0 subjects)	NA
454 & Caucasian & Not Pregnant (13 subjects) vs Illumina & Caucasian & Not Pregnant (0 subjects)	NA
Ethnicity Effect	
African-American & 454 & Pregnant (19 subjects) vs Caucasian & 454 & Pregnant (2 subjects)	NA
African-American & Illumina & Pregnant (0 subjects) vs Caucasian & Illumina & Pregnant (12 subjects)	NA
African-American & 454 & Not Pregnant (16 subjects) vs Caucasian & 454 & Not Pregnant (13 subjects)	0.001
African-American & Illumina & Not Pregnant (0 subjects) vs Caucasian & Illumina & Not Pregnant (0 subjects)	NA
Pregnancy Effect	
Pregnant & 454 & African-American (19 subjects) vs Not Pregnant & 454 & African-American (16 subjects)	0.001
Pregnant & Illumina & African-American (0 subjects) vs Not Pregnant & Illumina & African-American (0 subjects)	NA
Pregnant & 454 & Caucasian (2 subjects) vs Not Pregnant & 454 & Caucasian (13 subjects)	NA
Pregnant & Illumina & Caucasian (12 subjects) vs Not Pregnant & Illumina & Caucasian (0 subjects)	NA