Description of Additional Supplementary Files

File name: Supplementary Data 1  
Description: Cohort characteristics stratified by subgroup (female, MSM, MSW) and HIV infection status.

File name: Supplementary Data 2  
Description: Immunologic and virological parameters of PWH in cohort.

File name: Supplementary Data 3  
Description: Factors that associate with community compositional variance.

File name: Supplementary Data 4  
Description: Taxa that differenitate PLWH vs. seronegative, paired Wilcoxon tests.

File name: Supplementary Data 5  
Description: Taxa that differenitate MSM vs. MSW, unpaired Mann-Whitney tests.

File name: Supplementary Data 6  
Description: Taxa that differenitate MSM/RAI+ vs MSM/RAI-, unpaired Mann-Whitney tests.

File name: Supplementary Data 7  
Description: Ridge logistic regression feature coefficients in comparison of MSM vs MSW.

File name: Supplementary Data 8  
Description: Ridge logistic regression feature coefficients in comparison of PLWH vs seronegative.

File name: Supplementary Data 9  
Description: Variables that associate with Dysbiosis Index using linear mixed effects to control for subject group.

File name: Supplementary Data 10  
Description: Variables that associate with Shannon diversity using linear mixed effects to control for subject group.

File name: Supplementary Data 11  
Description: Associations among PWH subjects between aptamer-based protein quantifications and HIV infection, Shannon diversity, and the Dysbiosis Index (DI).