

Table S1. The kitome. Unique bacteria identified in one or more no template controls (n = 24) and identified in less than 30% of these samples. The names of bacteria are reported, and several features correspond to each bacterium.

Bacteria
<i>Stenotrophomonas</i> spp.
<i>Methylobacterium-Methylorubrum</i> spp.
<i>Chryseobacterium</i> spp.
<i>Cloacibacterium</i> spp.
<i>Empedobacter</i> spp.
<i>Pedobacter</i> spp.
<i>Poterioochromonas</i> spp.
<i>Desulfovibrio</i> spp.
<i>Anaerobacillus</i> spp.
<i>Exiguobacterium</i> spp.
<i>Weissella paramesenteroides</i>
<i>Saccharimonadales</i> spp.
<i>Azospirillum</i> spp.
<i>Brevundimonas</i> spp.
<i>Devosia</i> spp.
<i>Novosphingobium</i> spp.
<i>Sphingomonas</i> spp.
<i>Delftia</i> spp.
<i>Diaphorobacter</i> spp.
<i>Herbaspirillum</i> spp.
<i>Dechloromonas</i> spp.
<i>Enhydrobacter</i> spp.

Table S2. PERMANOVA. Results of the pairwise PERMANOVA of the Bray–Curtis dissimilarity matrix. CVS = chorionic villus samples; Vag.CVS = vaginal swabs matched to CVS; Rect.CVS = rectal swabs matched to CVS samples; Sal.CVS = saliva samples matched to CVS; AF = amniotic fluid samples; Vag.AF = vaginal swabs matched to AF; Rect.AF = rectal swabs matched to AF samples; Sal.AF = saliva samples matched to AF.

PAIRWISE PERMANOVA			
		Pseudo-F	FDR <i>p</i> value
CVS vs	Vag.CVS	1.6	0.03
	Rect.CVS	2	0.001
	Sal.CVS	3.6	0.001
AF vs	Vag.AF	2.8	0.001
	Rect.AF	2.3	0.003
	Sal.AF	3.9	0.001

Table S3. Biomarkers at the genus level. Biomarkers identified by the LEfSe test at the genus level in the vaginal, rectal, and saliva samples matched to the negative CVS/AF samples compared with those matched to the positive CVS/AF samples.

Biomarker	LDA Score	FDR <i>p</i> Value
<i>Alloprevotella</i>	5.15	<0.001
<i>Campylobacter</i>	6.02	<0.001
<i>Dialister</i>	5.66	0.001
<i>Fusobacterium</i>	5.65	<0.001
<i>Gemella</i>	5.46	<0.001
<i>Granulicatella</i>	5.66	<0.001
<i>Haemophilus</i>	5.85	<0.001
<i>Lactobacillus</i>	6.68	<0.001
<i>Peptoniphilus</i>	5.97	<0.001
<i>Prevotella</i>	6.04	0.002
<i>Rothia</i>	5.03	<0.001
<i>Staphylococcus</i>	5.74	<0.001
<i>Streptococcus</i>	6.37	<0.001
TM7x	5.19	<0.001
<i>Veillonella</i>	5.94	<0.001

Table S4. Biomarkers at the species level. Biomarkers identified by the LefSe test at the species level in the vaginal, rectal, and saliva samples matched to the negative CVS/AF samples compared with those matched to the positive CVS/AF samples.

Biomarker	LDA Score	FDR <i>p</i> Value
<i>Campylobacter ureolyticus</i>	6.02	<0.001
<i>Lactobacillus crispatus</i>	6.44	<0.001
<i>Prevotella bivia</i>	5.94	<0.001
<i>Staphylococcus epidermidis</i>	5.74	<0.001
<i>Streptococcus salivarius</i>	5.62	<0.001