

Table S5. Correlation of specific bacterial taxa between the genital microbiota of sexual partners longitudinally, stratified by BV recurrence status

Taxon	Cure cases longitudinal ^a				Recurrence cases longitudinal ^b			
	Vaginal/Penile ^c		Vaginal/Urethral		Vaginal/Penile ^c		Vaginal/Urethral	
	Corr	P-value	Corr	P-value	Corr	P-value	Corr	P-value
<i>Aerococcus</i>	-	-	-	-	0.678	0.1102	0.6474	0.1172
<i>Anaerococcus</i>	0.121	0.3387	-0.2141	0.0719	-0.6097	0.3806	-0.3777	0.5534
<i>Atopobium vaginae</i>	0.0588	0.4216	0.1783	0.033	-	-	-	-
<i>Candidatus Lachnocurva vaginae</i>	-	-	-	-	-	-	-	-
<i>BVAB-2</i>	-0.0204	0.7812	0.2487	0.008	0.1949	0.6603	-	-
<i>Corynebacterium</i>	0.339	0.004	-0.1708	0.1748	-	-	-	-
<i>Dialister</i>	0.1966	0.0919	0.1051	0.3706	0.4554	0.4795	0.6013	0.2867
<i>Enterobacter</i>	-	-	-	-	-	-	-	-
<i>Enterococcus</i>	0.3297	0.001	0.2139	0.032	0.143	0.7596	0.0017	0.9961
<i>Escherichia/Shigella</i>	0.2481	0.025	0.0527	0.6344	0.173	0.7478	0.4172	0.4103
<i>Fingoldia</i>	-0.0087	0.9461	-0.104	0.3936	-0.4885	0.4475	-0.0069	0.9899
<i>Gardnerella</i>	0.3495	0.003	0.2976	0.009	-0.7743	0.5634	-0.9361	0.5374
<i>Lactobacillus crispatus</i>	0.4677	0.001	0.3299	0.003	-	-	-	-
<i>Lactobacillus gasseri</i>	0.413	0.001	0.2178	0.026	-	-	-	-
<i>Lactobacillus iners</i>	0.3967	0.001	0.3152	0.014	-0.3783	0.5474	-0.9563	0.0399
<i>Lactobacillus jensenii</i>	0.3752	0.001	0.1316	0.0809	-	-	-	-
<i>Megasphaera</i>	0.0076	0.9091	-	-	-	-	-	-
<i>Peptoniphilus</i>	0.0824	0.5035	-0.1825	0.1449	-0.4508	0.4685	-0.0386	0.946
<i>Prevotella unclassified spp.</i>	0.1942	0.1159	0.1075	0.3696	0.3471	0.5824	0.8418	0.0729
<i>Prevotella bivia</i>	0.1384	0.2398	-0.0051	0.976	0.6383	0.2607	0.7131	0.1778
<i>Prevotella disiens</i>	0.299	0.012	0.1426	0.2008	0.0182	0.9829	0.7521	0.1328
<i>Prevotella timonensis</i>	0.3751	0.001	0.2322	0.03	0.8648	0.0608	0.9662	0.0079
<i>Pseudomonas</i>	-	-	-	-	-	-	-	-
<i>Sneathia unclassified spp.</i>	0.018	0.7952	0.0805	0.2827	-	-	0.6504	0.1029
<i>Sneathia amnii</i>	0.0983	0.2318	0.3371	0.005	0.6107	0.2266	0.8521	0.0579
<i>Sneathia sanguinegens</i>	0.1509	0.044	0.2266	0.014	-0.0249	0.9698	-0.0793	0.9099
<i>Staphylococcus</i>	0.2773	0.019	-0.0039	0.969	0.6512	0.131	0.7155	0.1121
<i>Streptococcus</i>	0.2151	0.0649	0.0497	0.6893	-0.0853	0.8613	0.7438	0.0611
<i>Ureaplasma</i>	0.116	0.2957	0.1738	0.1828	0.0866	0.8809	0.1245	0.8549

Corr, SparCC correlation coefficient; - indicates the taxa was not detected in one or more specimen type for that study time point. The 10 ten most abundant bacteria at each site and 8 bacteria previously associated with BV are presented in this table. Correlations with an absolute correlation coefficient >0.3 and P<0.05 were considered significant and have been bolded in this table

^a Includes 63 vaginal, 63 cutaneous penile and 63 urethral specimens from 23 couples where the female was cured

^b Includes 5 vaginal, 5 cutaneous penile and 5 urethral specimens from 4 couples where the female experienced BV recurrence during the follow-up period

^c Penile refers to cutaneous penile specimens