

Supporting Information file 2.

Group	Subject	Culture moment	VMF Grade	Species	H ₂ O ₂ -score*	
N	#02	Day 7	Ia	<i>Streptococcus agalactiae</i>	3	
	#02	Day 7	Ia	<i>Lactobacillus crispatus</i>	3	
	#02	Day 14	Ia	<i>Lactobacillus jensenii</i>	3	
	#02	Day 14	Ia	<i>Lactobacillus crispatus</i>	3	
	#02	Day 21	Iab	<i>Lactobacillus jensenii</i>	3	
	#02	Day 21	Iab	<i>Streptococcus agalactiae</i>	3	
	#02	Day 21	Iab	<i>Lactobacillus crispatus</i>	3	
	#02	Day 28	Iab	<i>Lactobacillus jensenii</i>	3	
	#02	Day 28	Iab	<i>Lactobacillus crispatus</i>	3	
	#02	Day 28	Iab	<i>Staphylococcus epidermidis</i>	3	
	#02	Day 35	II	<i>Peptostreptococcus anaerobius</i>	1	
	#02	Day 35	II	<i>Peptoniphilus asaccharolyticus</i>	1	
	#02	Day 35	II	<i>Streptococcus anginosus</i> group	1	
	#02	Day 35	II	<i>Alloscardovia omnicolens</i>	1	
	#02	Day 42	Iab	<i>Streptococcus agalactiae</i>	3	
	#02	Day 42	Iab	<i>Lactobacillus crispatus</i>	3	
	#02	Day 42	Iab	<i>Lactobacillus jensenii</i>	3	
	#02	Day 49	II	<i>Lactobacillus jensenii</i>	3	
	#02	Day 49	II	<i>Lactobacillus crispatus</i>	3	
	#02	Day 56	Iab	<i>Lactobacillus jensenii</i>	3	
	#02	Day 56	Iab	<i>Alloscardovia omnicolens</i>	3	
	#04	Day 7	Ib	<i>Lactobacillus gasseri</i>	1	
	#04	Day 7	Ib	<i>Alloscardovia omnicolens</i>	1	
	#04	Day 14	Ib	<i>Alloscardovia omnicolens</i>	1	
	#04	Day 14	Ib	<i>Lactobacillus gasseri</i>	1	
	#04	Day 21	Ia	<i>Lactobacillus gasseri</i>	1	
	#04	Day 35	Ib	<i>Lactobacillus gasseri</i>	1	
	#04	Day 42	Ib	<i>Lactobacillus gasseri</i>	1	
	#04	Day 49	II	<i>Actinomyces urogenitalis</i>	0	
	#04	Day 56	Ib	<i>Lactobacillus gasseri</i>	1	
	#05	Day 7	Ib	<i>Staphylococcus aureus</i>	2	
	#05	Day 7	Ib	<i>Lactobacillus crispatus</i>	2	
#05	Day 14	Ia	<i>Lactobacillus crispatus</i>	3		
#05	Day 21	I-like	<i>Streptococcus agalactiae</i>	3		
#05	Day 21	I-like	<i>Lactobacillus crispatus</i>	3		
#05	Day 28	Ia	<i>Lactobacillus crispatus</i>	3		
#05	Day 28	Ia	<i>Streptococcus anginosus</i>	3		
#05	Day 35	IV	<i>Lactobacillus crispatus</i>	2		

Group	Subject	Culture moment	VMF Grade	Species	H ₂ O ₂ -score*
	#05	Day 35	IV	<i>Streptococcus agalactiae</i>	2
	#05	Day 35	IV	<i>Peptoniphilus asaccharolyticus</i>	2
	#05	Day 42	Ia	<i>Staphylococcus haemolyticus</i>	3
	#05	Day 42	Ia	<i>Lactobacillus vaginalis</i>	3
	#05	Day 42	Ia	<i>Lactobacillus crispatus</i>	3
	#05	Day 49	Ia	<i>Bifidobacterium breve</i>	3
	#05	Day 49	Ia	<i>Staphylococcus epidermidis</i>	3
	#05	Day 49	Ia	<i>Lactobacillus vaginalis</i>	3
	#05	Day 56	Iab	<i>Alloscardovia omnicolens</i>	3
	#05	Day 56	Iab	<i>Peptoniphilus asaccharolyticus</i>	3
	#05	Day 56	Iab	<i>Lactobacillus crispatus</i>	3
	#05	Day 59	Ia	<i>Lactobacillus crispatus</i>	3
	#05	Day 59	Ia	<i>Streptococcus anginosus</i> group	3
	#06	Day 7	Ia	<i>Lactobacillus crispatus</i>	3
	#06	Day 7	Ia	<i>Lactobacillus jensenii</i>	3
	#06	Day 14	II	<i>Lactobacillus crispatus</i>	3
	#06	Day 21	II	<i>Lactobacillus crispatus</i>	3
	#06	Day 21	II	<i>Lactobacillus jensenii</i>	3
	#06	Day 27	Ia	<i>Lactobacillus jensenii</i>	3
	#06	Day 27	Ia	<i>Lactobacillus crispatus</i>	3
	#06	Day 34	Ia	<i>Streptococcus anginosus</i>	3
	#06	Day 34	Ia	<i>Lactobacillus crispatus</i>	3
	#06	Day 41	II	<i>Lactobacillus jensenii</i>	3
	#06	Day 41	II	<i>Lactobacillus crispatus</i>	3
	#06	Day 48	Ia	<i>Lactobacillus jensenii</i>	3
	#06	Day 48	Ia	<i>Alloscardovia omnicolens</i>	3
	#06	Day 55	Ia	<i>Alloscardovia omnicolens</i>	3
	#12	Day 7	Ia	<i>Lactobacillus crispatus</i>	2
	#12	Day 14	Ia	<i>Lactobacillus jensenii</i>	3
	#12	Day 14	Ia	<i>Streptococcus anginosus</i> group	3
	#12	Day 14	Ia	<i>Lactobacillus crispatus</i>	3
	#12	Day 21	Ia	<i>Lactobacillus jensenii</i>	3
	#12	Day 21	Ia	<i>Lactobacillus crispatus</i>	3
	#12	Day 28	Ia	<i>Lactobacillus crispatus</i>	2
	#12	Day 35	Ia	<i>Lactobacillus crispatus</i>	3
	#12	Day 43	II	<i>Lactobacillus jensenii</i>	3
	#12	Day 49	II	<i>Lactobacillus jensenii</i>	3
	#12	Day 49	II	<i>Lactobacillus crispatus</i>	3
	#12	Day 56	Ia	<i>Lactobacillus jensenii</i>	2
	#12	Day 64	Ia	<i>Lactobacillus jensenii</i>	2

Group	Subject	Culture moment	VMF Grade	Species	H ₂ O ₂ -score*
	#12	Day 71	Ia	<i>Lactobacillus jensenii</i>	1
	#14	Day 6	Ia	<i>Lactobacillus jensenii</i>	3
	#14	Day 13	Ia	<i>Lactobacillus jensenii</i>	3
	#14	Day 13	Ia	<i>Lactobacillus crispatus</i>	3
	#14	Day 20	Ia	<i>Lactobacillus jensenii</i>	3
	#14	Day 27	Ia	<i>Lactobacillus jensenii</i>	2
	#14	Day 27	Ia	<i>Streptococcus anginosus</i> group	2
	#14	Day 34	Ia	<i>Lactobacillus jensenii</i>	3
	#14	Day 41	Ia	<i>Lactobacillus jensenii</i>	3
	#14	Day 55	Ia	<i>Lactobacillus jensenii</i>	3
	#15	Day 7	Ia	<i>Lactobacillus coleohominis</i>	2
	#15	Day 7	Ia	<i>Staphylococcus epidermidis</i>	2
	#15	Day 21	Ia	<i>Staphylococcus hominis</i>	2
	#15	Day 21	Ia	<i>Veillonella parvula</i>	2
	#15	Day 28	Ia	<i>Lactobacillus crispatus</i>	2
	#15	Day 35	Ia	<i>Lactobacillus coleohominis</i>	2
	#15	Day 42	Ia	<i>Lactobacillus coleohominis</i>	2
	#15	Day 49	Ia	<i>Lactobacillus coleohominis</i>	2
	#15	Day 63	Ia	<i>Lactobacillus coleohominis</i>	2
	#20	Day 7	Ib	<i>Escherichia coli</i>	3
	#20	Day 7	Ib	<i>Lactobacillus jensenii</i>	3
	#20	Day 14	Ib	<i>Lactobacillus jensenii</i>	3
	#20	Day 21	Ib	<i>Lactobacillus jensenii</i>	3
	#20	Day 21	Ib	<i>Alloscardovia omnicolens</i>	3
	#20	Day 28	IV	<i>Streptococcus anginosus</i> group	0
	#20	Day 35	Ib	<i>Lactobacillus jensenii</i>	2
	#20	Day 42	Ib	<i>Escherichia coli</i>	2
	#20	Day 42	Ib	<i>Lactobacillus jensenii</i>	2
	#20	Day 49	I-like	<i>Lactobacillus jensenii</i>	3
	#20	Day 56	III	<i>Streptococcus mitis</i>	1
	#20	Day 56	III	<i>Lactobacillus jensenii</i>	1
	#20	Day 56	III	<i>Streptococcus oralis</i>	1
	#20	Day 64	Ib	<i>Lactobacillus jensenii</i>	3
	#22	Day 6	II	<i>Lactobacillus jensenii</i>	1
	#22	Day 6	II	<i>Lactobacillus gasseri</i>	1
	#22	Day 13	Iab	<i>Lactobacillus gasseri</i>	2
	#22	Day 13	Iab	<i>Lactobacillus crispatus</i>	2
	#22	Day 20	Ia	<i>Lactobacillus gasseri</i>	3

Group	Subject	Culture moment	VMF Grade	Species	H ₂ O ₂ -score*	
	#22	Day 27	Ia	<i>Lactobacillus jensenii</i>	2	
	#22	Day 34	II	<i>Streptococcus agalactiae</i>	0	
	#22	Day 41	Iab	<i>Lactobacillus gasseri</i>	2	
	#22	Day 41	Iab	<i>Lactobacillus jensenii</i>	2	
	#22	Day 48	Ia	<i>Lactobacillus crispatus</i>	2	
	#22	Day 55	II	<i>Lactobacillus gasseri</i>	2	
	#22	Day 59	Ia	<i>Lactobacillus gasseri</i>	1	
D	#13	Day 6	IV	<i>Alloscardovia omnicolens</i>	0	
	#13	Day 13	Ib	<i>Alloscardovia omnicolens</i>	0	
	#13	Day 20	Ib	<i>Lactobacillus gasseri</i>	1	
	#13	Day 20	Ib	<i>Alloscardovia omnicolens</i>	1	
	#13	Day 27	II	<i>Lactobacillus gasseri</i>	1	
	#13	Day 27	II	<i>Streptococcus anginosus</i> group	1	
	#13	Day 34	IV	<i>Lactobacillus gasseri</i>	1	
	#13	Day 34	IV	<i>Alloscardovia omnicolens</i>	1	
	#13	Day 34	IV	<i>Streptococcus anginosus</i> group	1	
	#13	Day 41	Ib	<i>Lactobacillus gasseri</i>	1	
	#16	Day 27	I-like	<i>Streptococcus mitis</i>	0	
	#16	Day 34	I-like	<i>Streptococcus anginosus</i> group	1	
	#16	Day 41	I-like	<i>Streptococcus anginosus</i> group	1	
	#18	Day 7	II	<i>Lactobacillus amylovorus</i>	3	
	#18	Day 14	II	<i>Lactobacillus crispatus</i>	3	
	#18	Day 21	II	<i>Lactobacillus crispatus</i>	3	
	#18	Day 28	II	<i>Lactobacillus crispatus</i>	3	
	#18	Day 28	II	<i>Streptococcus anginosus</i> group	3	
	#18	Day 35	II	<i>Lactobacillus jensenii</i>	3	
	#18	Day 35	II	<i>Streptococcus anginosus</i> group	3	
	#18	Day 42	II	<i>Lactobacillus acidophilus</i>	2	
	#18	Day 42	II	<i>Lactobacillus jensenii</i>	2	
	#18	Day 42	II	<i>Lactobacillus gasseri</i>	2	
	#19	Day 13	IV	<i>Alloscardovia omnicolens</i>	1	
	#19	Day 13	IV	<i>Streptococcus anginosus</i> group	1	
	#19	Day 20	IV	<i>Alloscardovia omnicolens</i>	1	
	#19	Day 20	IV	<i>Streptococcus anginosus</i> group	1	
	#19	Day 29	IV	<i>Alloscardovia omnicolens</i>	0	
	#19	Day 36	IV	<i>Enterococcus faecalis</i>	0	
	#19	Day 43	IV	<i>Streptococcus anginosus</i>	0	
#19	Day 48	III	<i>Alloscardovia omnicolens</i>	0		

Group	Subject	Culture moment	VMF Grade	Species	H ₂ O ₂ -score*
	#19	Day 57	IV	<i>Enterococcus faecalis</i>	1
	#21	Day 7	III	<i>Lactobacillus crispatus</i>	3
	#21	Day 14	0	<i>Escherichia coli</i>	0
	#21	Day 21	II	<i>Streptococcus anginosus</i> group	0
	#21	Day 28	Ib	<i>Staphylococcus haemolyticus</i>	0
	#21	Day 42	Ib	<i>Lactobacillus crispatus</i>	2
	#21	Day 42	Ib	<i>Streptococcus anginosus</i> group	2
	#21	Day 49	Ib	<i>Lactobacillus crispatus</i>	2
	#21	Day 49	Ib	<i>Streptococcus anginosus</i> group	2
	#21	Day 56	II	<i>Staphylococcus epidermidis</i>	1
	#24	Day 7	III	<i>Streptococcus anginosus</i> group	0
	#24	Day 27	III	<i>Streptococcus anginosus</i> group	0
	#24	Day 34	III	<i>Streptococcus anginosus</i> group	0
	#25	Day 7	Ib	<i>Lactobacillus vaginalis</i>	1
	#25	Day 7	Ib	<i>Staphylococcus aureus</i>	1
	#25	Day 14	II	<i>Lactobacillus jensenii</i>	3
	#25	Day 14	II	<i>Lactobacillus vaginalis</i>	3
	#25	Day 21	II	<i>Lactobacillus jensenii</i>	2
	#25	Day 28	II	<i>Lactobacillus jensenii</i>	2
	#25	Day 28	II	<i>Lactobacillus jensenii</i>	2
	#25	Day 35	III	<i>Lactobacillus jensenii</i>	1
	#25	Day 35	III	<i>Streptococcus anginosus</i> group	1
	#25	Day 42	II	<i>Lactobacillus jensenii</i>	2
	#25	Day 42	II	<i>Lactobacillus vaginalis</i>	2
	#25	Day 49	III	<i>Streptococcus anginosus</i> group	1
	#25	Day 49	III	<i>Lactobacillus jensenii</i>	1
	#25	Day 56	II/III	<i>Lactobacillus jensenii</i>	1
	#25	Day 56	II/III	<i>Lactobacillus vaginalis</i>	1

Legend: The days in red represent the culture moments during the menses

*: The H₂O₂-score represents the score of the entire culture plate: score 0 (no H₂O₂ production), score 1 (weak H₂O₂-production), score 2 (strong H₂O₂-production) and score 3 (very blue, very strong H₂O₂-production)