

Table S1 Analysis of the RNA quality of 36 samples

Number	Abbreviation	Group	Tissue	Concentration ($\mu\text{g}/\mu\text{L}$)	A260/280	A260/230	Volume (μL)	Total (μg)	2100	
									28S/18S	RIN
1	CF	control	follicle	0.2182	2.10	1.30	95	21	1.0	8.8
2	CF	control	follicle	0.2077	2.08	1.46	95	20	1.2	9.9
3	CF	control	follicle	0.2435	1.86	0.94	95	23	1.1	8.4
4	CS	control	stroma	0.1049	2.08	1.12	95	10	1.0	8.4
5	CS	control	stroma	0.1741	2.02	1.31	95	17	1.0	8.6
6	CS	control	stroma	0.1434	2.01	1.16	95	14	1.0	8.6
7	CI	control	isthmus	0.1451	2.10	1.26	95	14	1.0	8.3
8	CI	control	isthmus	0.1031	2.08	1.06	95	10	1.1	8.7
9	CI	control	isthmus	0.1653	1.93	0.99	95	16	1.0	8.8
10	CV	control	vagina	0.3015	2.10	1.66	95	29	1.3	8.0
11	CV	control	vagina	0.5411	2.11	1.79	95	51	1.0	8.4
12	CV	control	vagina	0.4375	2.09	1.68	95	42	0.9	8.6
13	RF	unmorbid	follicle	0.1505	2.10	1.53	95	14	0.9	8.2
14	RF	unmorbid	follicle	0.1024	2.06	1.08	95	10	0.8	8.7

15	RF	unmorbid	follicle	0.1444	2.09	1.60	95	14	0.8	8.4
16	RS	unmorbid	stroma	0.0858	2.03	0.61	95	18	0.8	8.9
17	RS	unmorbid	stroma	0.0570	1.91	0.55	95	15	1.0	8.0
18	RS	unmorbid	stroma	0.0610	1.97	0.67	95	16	0.9	8.3
19	RI	unmorbid	isthmus	0.5019	2.04	1.68	95	48	0.8	8.5
20	RI	unmorbid	isthmus	0.3042	2.12	1.70	95	29	0.8	8.0
21	RI	unmorbid	isthmus	0.6272	2.08	1.78	95	60	0.8	8.2
22	RV	unmorbid	vagina	0.1959	2.11	1.83	95	19	0.9	8.1
23	RV	unmorbid	vagina	0.1206	2.12	1.52	95	11	0.7	8.4
24	RV	unmorbid	vagina	0.1432	2.10	1.36	95	14	0.8	8.0
25	SF	morbid	follicle	0.1807	2.12	1.53	95	17	1.2	9.0
26	SF	morbid	follicle	0.1865	2.11	1.57	95	18	1.0	8.7
27	SF	morbid	follicle	0.0846	2.10	0.71	95	18	0.9	8.1
28	SS	morbid	stroma	0.0978	2.10	0.92	95	19	1.0	8.0
29	SS	morbid	stroma	0.0950	2.03	1.38	95	19	1.0	8.1
30	SS	morbid	stroma	0.2269	2.06	1.50	95	22	0.9	8.0
31	SI	morbid	isthmus	0.4510	2.14	1.85	95	43	1.0	8.3

32	SI	morbid	isthmus	0.2127	2.11	1.32	95	20	0.8	8.2
33	SI	morbid	isthmus	0.1348	2.03	0.96	95	13	1.1	8.8
34	SV	morbid	vagina	0.0840	2.10	1.14	95	18	1.1	8.9
35	SV	morbid	vagina	0.1046	2.10	1.01	95	10	1.0	8.7
36	SV	morbid	vagina	0.2105	2.11	1.83	95	20	1.3	8.9