

Table S1 Correlation analysis on concentration of TGF- β 1 and MUC1 in human breast milk and the participants' characteristics

Variables	Colostrum		Mature milk	
	TGF- β 1	MUC1	TGF- β 1	MUC1
Maternal age				
rs	0.393**	0.1929	0.0302	-0.1248
P	0.0002	0.0825	0.7995	0.2670
Mode of delivery				
r	0.230*	0.1988	0.0981	-0.0022
P	0.0329	0.0682	0.3994	0.9842
Parity				
r	-0.1179	-0.1218	0.0807	-0.1412
P	0.2797	0.2669	0.4884	0.2002
History of allergy				
r	0.0611	0.0479	-0.0338	-0.1056
P	0.5760	0.6632	0.7721	0.3392
Blood glucose				
rs	0.1454	0.1171	0.1170	0.1556
P	0.2198	0.3271	0.3493	0.1950
Serum total protein				
rs	0.0816	-0.1357	0.2177	0.0801
P	0.4663	0.2270	0.0643	0.4830
Pre-pregnancy BMI				
rs	0.1166	0.0538	0.1166	-0.1571
P	0.3061	0.6419	0.3061	0.1753
Prenatal BMI				
rs	0.0947	0.0591	0.0947	-0.0283
P	0.4096	0.6120	0.4096	0.8096
Post-partum BMI				
rs	0.0666	0.0368	0.1047	-0.0472
P	0.5676	0.7553	0.4028	0.6914
Infantile gender				
r	0.1582	-0.1022	-0.0587	0.1712
P	0.1457	0.3522	0.6146	0.1195
Gestational age				
rs	-0.0016	0.0067	-0.0016	0.1180
P	0.9882	0.9518	0.9882	0.2852
Birth weight				
rs	-0.1415	-0.0398	-0.0563	-0.1179
P	0.1939	0.7179	0.6288	0.2854

** , correlation is significant at the 0.01 level (2-tailed); * , correlation is significant at the 0.05 level (2-tailed). BMI, body mass index; rs, spearman rank correlation coefficient; r, point-biserial correlation coefficient.