

Supplementary Table S2. Homogeneity of the baseline characteristics in implantation failure and control groups.

Clinical variables	Implantation failure	Control	P-value
No. patients	32	99	N/A
Age (years)	41.94 ± 4.20	40.42 ± 4.50	0.09
BMI (kg/m ²)	22.30 ± 3.84	23.20 ± 3.71	0.19
Infertility type	Primary = 24 (82.7%) Secondary = 5 (17.3%) N/A = 3	Primary = 77 (83.7%) Secondary = 15 (16.3%) N/A = 7	1.00
Infertility duration (years)	2.92 ± 1.68	3.12 ± 2.88	0.62
Endometrial dating (TED)	Displaced = 23 (74.2%) On time = 9 (25.8%)	Displaced = 60 (60.6%) On time = 39 (39.4%)	0.30
No. embryo transfers	4.16 ± 1.19	1.72 ± 0.81	2E-16***
No. implantation failures	3.75 ± 1.08	0.72 ± 0.81	2E-16***
Embryo origin	Donated = 29 (90.6%); Own = 3 (9.4%)	Donated = 64 (66%); Own = 33 (34%)	0.01**

With the transcriptomic endometrial dating (TED) model, early and late secretory classes were grouped as displaced while early and late mid-secretory classes were grouped as on time. N/A, not available; No., number of.

*** P-value < 0.001.

** P-value ≤ 0.01.