

Supplementary Table S3. Homogeneity of the baseline characteristics in training and test sets.

Clinical variables	Training set	Test set	P-value
No. patients	105	26	N/A
Clinical endometrial prognosis	Poor = 26 (24.8%) Good = 79 (75.2%)	Poor = 6 (23.1%) Good = 20 (76.9%)	1.00
Age (years)	40.37 ± 4.37	42.50 ± 4.48	0.04*
BMI (kg/m²)	22.95 ± 2.84	23.11 ± 3.41	0.75
Infertility type	Primary = 83 (79%) Secondary = 14 (13.4%) N/A = 8 (7.6%)	Primary = 18 (69.2%) Secondary = 6 (23.1%) N/A = 2 (7.7%)	0.23
Infertility duration (years)	3.13 ± 2.49	2.86 ± 3.28	0.38
Endometrial dating (TED)	Displaced = 65 (61.9%) On time = 40 (38.1%)	Displaced = 18 (69.2%) On time = 8 (30.8%)	0.65
No. embryo transfers	2.29 ± 1.46	2.42 ± 1.10	0.31
No. implantation failures	1.44 ± 1.65	1.54 ± 1.27	0.40
Embryo origin	Donated = 72 (69.9%); Own = 31 (30.1%)	Donated = 21 (80.8%); Own = 5 (19.2%)	0.33

Baseline characteristics of training and test sets are shown. 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 < 0.05.