

Supplementary Table SV Results of rebiopsy preimplantation genetic testing for aneuploidies (PGT-As) analyses.

Embryo No. ^a	Embryo age (days)	Genetics AI score	Genetics AI model prediction	PGT-A results #1	Genetics AI model correct? ^b	PGT-A results #2	Genetics AI model correct? ^b	PGT Re-test agreement ^c
1	6	9.1	Euploid/mosaic-low	Aneuploid	No	Aneuploid	No	Yes
1	6	1.8	Aneuploid/mosaic-high	Mosaic-Low	Yes	Mosaic-Low	Yes	Yes
2	5	6.3	Euploid/mosaic-low	Aneuploid	No	Aneuploid	No	Yes
4	5	8.6	Euploid/mosaic-low	Mosaic-High	No	Aneuploid	No	Yes
5	5	8.0	Euploid/mosaic-low	Mosaic-High	No	Euploid	Yes	No
6	5	7.1	Euploid/mosaic-low	Aneuploid	No	Mosaic-Low	Yes	No
7	5	9.8	Euploid/mosaic-low	Mosaic-Low	Yes	Euploid	Yes	Yes
8	5	9.7	Euploid/mosaic-low	Mosaic-Low	Yes	Mosaic-Low	Yes	Yes
9	5	2.1	Aneuploid/mosaic-high	Mosaic-Low	No	Euploid	No	Yes
10	6	4.2	Aneuploid/mosaic-high	Mosaic-Low	No	Euploid	No	Yes
11	5	7.9	Euploid/mosaic-low	Mosaic-Low	Yes	Mosaic-Low	Yes	Yes
12	5	8.4	Euploid/mosaic-low	Mosaic-Low	Yes	Euploid	Yes	Yes
13	5	2.6	Aneuploid/mosaic-high	Mosaic-Low	No	Mosaic-High	Yes	No
14	6	0.8	Aneuploid/mosaic-high	Mosaic-Low	Yes	Mosaic-Low	Yes	Yes
15	5	7.3	Euploid/mosaic-low	Mosaic-Low	Yes	Euploid	Yes	Yes
16	5	6.4	Euploid/mosaic-low	Mosaic-Low	Yes	Euploid	Yes	Yes
<i>All embryos (Day 5 and Day 6)</i>								
No. of correct/in agreement					8	—	11	13
Correct/in agreement (%)					50.0%	—	68.8%	81.3%
<i>Day 5 embryos only</i>								
No. of correct/in agreement					6	—	9	9
Correct/in agreement (%)					50.0%	—	75.0%	75.0%

^aData were provided for 16 embryos initially classified as aneuploid or mosaic by Alpha Fertility (Selangor, Malaysia), as described above. Data were obtained from 16 patients treated between May–Sep 2021, with average age 34.4 years (range 27–43 years).

^bArtificial intelligence (AI) model predictions were as follows: $\geq 5.0/10.0$ = euploid/mosaic-low, $<5.0/10.0$ = aneuploid/mosaic-high.

^cFor agreement between PGT-A tests, results were required to be either euploid or mosaic-low in both tests, OR aneuploid or mosaic-high in both tests. No., number.