

Supplementary Table SI. Summary of chromosome karyotype results

Category	Total cases	Normal results	Abnormal results
Advanced maternal age (> 35 years)	1201	1180	21
Abnormal ultrasound	189	183	6
High-risk serological screening	429	409	20
High-risk NIPT	10	6	4
Adverse pregnancy history	31	31	0
Chromosomal disorder history from couples	24	21	3
Voluntary	10	10	0
Total	1894	1840	54

Supplementary Table SII. Results of high-risk serological screening

Screening type	Total cases	Normal results	Abnormal results
DS (Down syndrome)	403	387	16
ES (Edward syndrome)	26	22	4

Supplementary Table SIII. Results of NIPT (non-invasive prenatal testing)

Chromosome/abnormality	Total cases	Normal results	Abnormal results
Chromosome 13 (trisomy 13)	3	3	0
Chromosome 18 (trisomy 18)	0	0	0
Chromosome 21 (trisomy 21)	1	0	1
Sex chromosomal abnormality	6	3	3