Supplementary Table II. List of Aneuploidies identified by FISH/CMA/Karyotyping

Sl. No.	Sample ID	Obstetric history/ gestational age (wk+days)	Phenotype	FISH (13,18,21 and sex chromosomes)	Microarray (750K)	Karyotype	Aneuploidy
1	AB0007	G3P1L1A1/ 18+3 wk	Cystic hygroma and double marker risk (1:50)	NA	Increased total homozygosity (all chromosomes) by 10.58%, Trisomy 21	Trisomy 21	Trisomy 21
2	AB0014	Primigravida/ 19.2 wk	B/L cleft lip, cleft palate, early symmetrical FGR, echogenic bowel, echogenic b/l kidney, b/l microphthalmia and IUGR with aortic stenosis	Trisomy13	Trisomy 13	NA	Trisomy 13
3	AB0028	G2A1/ 16 wk	Increased Nuchal translucency (2.4mm, more than 99th percentile), Ductus venosus PI (above normal), double marker: Trisomy 21 positive (>1:5)	Trisomy21	CNV gain chr 21	NA	Trisomy 21
4	AB0029	G3P1L1, MTP1/ 19.3 wk	Absent CSP, Alobar holoprosencephaly, dilated single ventricle, falx not well seen, effacement of cisterna magna, small encephalocele, nose is not well-formed	Trisomy13, Patau	CNV gain for all SNPs on Chr13	NA	Trisomy 13
5	AB0030	G3P1L1A1/ 20 wk	Intracardiac echogenic focus, Quad maker: increased risk for Trisomy21 (1:50)	Trisomy13, Patau	Not available	Trisomy 13	Trisomy 13
6	AB0032	G4P2L2E1/ 19.6 wk	B/L ventriculomegaly with mild supra-tentorial hydrocephalus	Trisomy21	CNV gain for all SNPs on Chr21	NA	Trisomy 21
7	AB0043	Primigravida/ 16+2	Advanced maternal age and NIPT showed increased risk of Trisomy	Trisomy21	NA	Trisomy 21	Trisomy 21
8	AB0061	Primigravida/ 21+3	B/L echogenic dysplastic kidneys, distended bladder & urethra, severe oligohydramnios	47,XXY Mosaicism (15%)	Normal	NA	47,XXY Mosaicism

FISH, Fluorescence in situ hybridization; CMA, Chromosomal microarray; G, Gravida; P, Para; A, aborted; E, ectopic; L, living; B/L, bilateral; NIPT, non-invasive prenatal testing; FGR, foetal growth retardation; IUGR, intra-uterine growth retardation; CSP, cavum septum pellucidum, CNV, copy number variation, NA, not available/test not performed