A Embryo PGT4

chromosome 21


C Embryo PGT35
chromosome 13
Position (Mb)


B Embryo PGT1

| ${ }^{1}{ }_{123}$ | ${ }^{123}$ | $3_{123}$ |  | $5_{123}$ | ${ }_{123}$ | ${ }^{7}{ }_{123}$ | ${ }_{123}$ | ${ }_{123}$ |  | ${ }_{11}^{11}$ | ${ }_{12}{ }_{123}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 1 B : : |  |  | \# : $\#$ |  | + | $\stackrel{1}{1}$ |
| $13_{123}$ | $14_{123}$ | ${ }^{15}{ }_{123}$ | ${ }^{16}{ }_{123}$ | ${ }^{17}{ }_{123}$ | ${ }^{18}{ }_{123}$ | ${ }_{19}{ }_{123}$ | ${ }^{20} 123$ | ${ }^{21} 123$ | ${ }^{22}{ }_{123}$ | $\mathrm{X}_{123}$ | $Y_{123}$ |
| $1$ | - | , | 界\| | Hi | 景 | ii | : | \| | 1 | : | \|1III |

chromosome $16=\square=\square=\square=\square$
Blastocyst biopsy 10.80 M mapped reads




Supplementary Figure S2 Concordance between uniform aberrations detected at the blastocyst stage and 8 and 12 days post-fertilisation (dpf). Blue bars indicate duplications, red bars indicate deletions. $M=$ million (A) Results for embryo PGT4. I = Blastocyst profile, $2=12$ dpf embryo outgrowth profile. Profiles for chromosome 21 show a uniform trisomy 21 detected at the blastocyst stage and at 12 dpf. (B) Results for embryo PGTI. I = Blastocyst profile, $2=12$ dpf, inner cell mass (ICM)-derived embryo outgrowth portion. $3=12$ dpf, trophectoderm (TE)-derived embryo outgrowth portion. Profiles for chromosome 16 show a uniform trisomy 16 detected at the blastocyst stage and at 12 dpf, in both ICM and TE-derived portions of the embryo outgrowth. (C) Profiles for chromosome 13, embryo PGT35, show a uniform monosomy 13 detected at the blastocyst stage and confirmed at 8 dpf .

