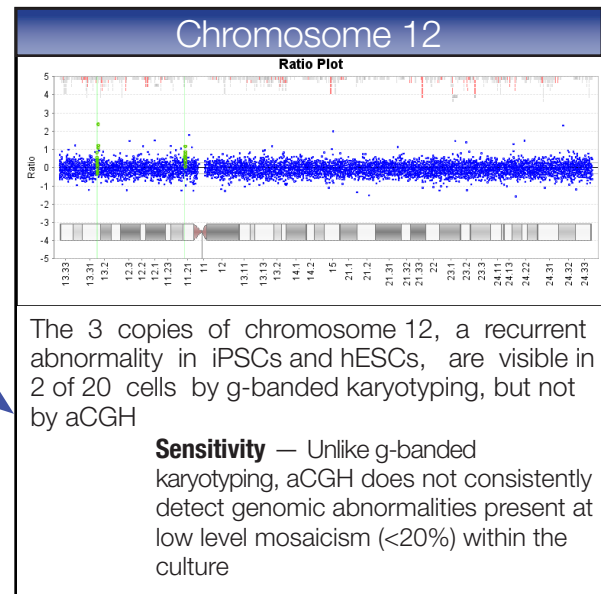
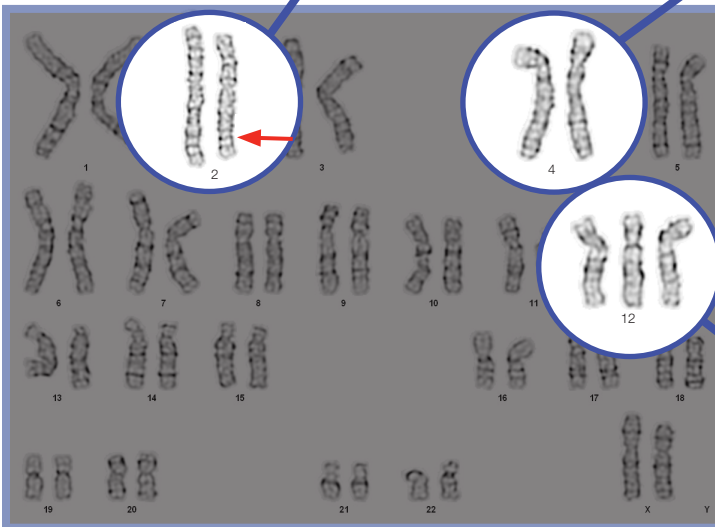
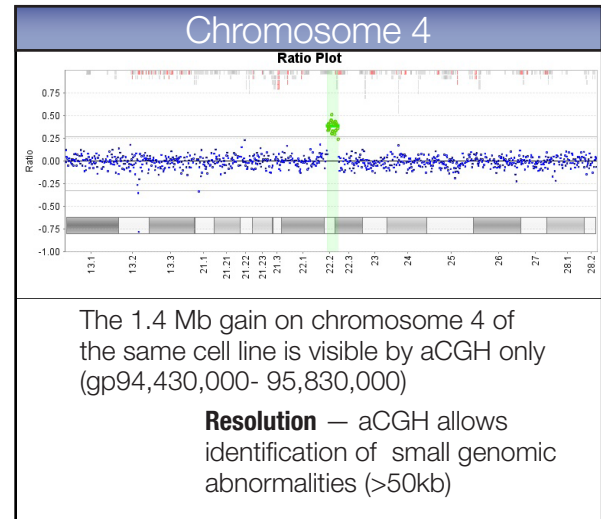
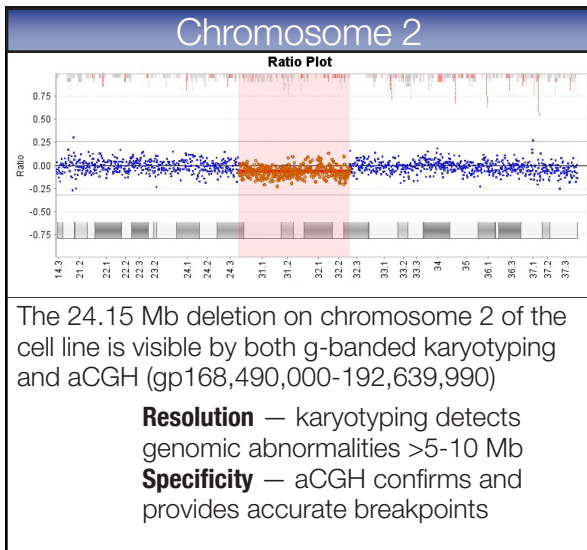


# The Combined Power of Karyotyping and aCGH

WiCell Cytogenetics Laboratory offers BOTH assays for in-depth characterization of human pluripotent stem cell lines



G-banded karyotyping is the gold standard for assessing cell line cytogenetic stability based on a maximum resolution of 5-10 Mb, while **array Comparative Genomic Hybridization (aCGH)** is a powerful technique for identification of small genomic abnormalities greater than 50 kb. WiCell Cytogenetics Laboratory offers g-banded karyotyping and aCGH testing including:

- Custom analysis
- Experienced CNV profiling of hESC lines
- Well-characterized reference DNA