Chromosome Analysis Report: 101018

Date Reported: March 18, 2024

Cell Line: H9 EF1A-mCherry-noPuro 803_AAVS-iSHH #3

Submitted Passage #: 57

Date of Sample: 3/7/2024

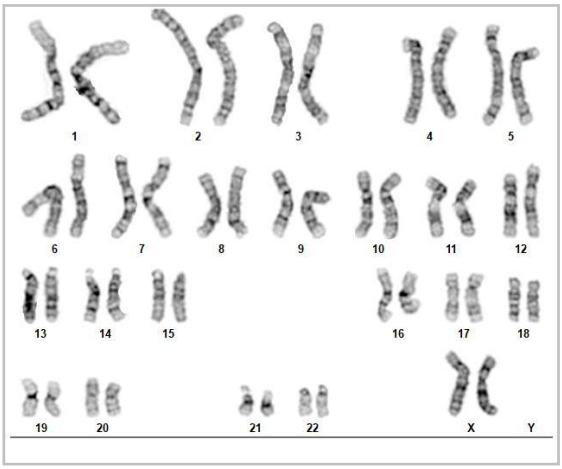
Specimen: Human IPSC

Results: 46,XX

Cell Line Sex: Female

Reason for Testing: Standard Characterization

Investigator: Ting Zhou, Mem. Sloan Kettering



Cell: 26

Slide: G02

Slide Type: Karyotype

Total Counted: 20

Total Analyzed: 8

Total Karyogrammed: 4

Band Resolution: 450 - 500

Interpretation:

This is a normal karyotype; no clonal abnormalities were detected at the stated band level of resolution.

Completed by: Jennifer Pecos, CG(ASCP)

Reviewed and Interpreted by: Justin Schleede, PhD, FACMG

For internal use only

Date:_____ **Sent By:**____ **Sent To:**_____ **QC Review By:** ____

Limitations: This assay allows for microscopic visualization of numerical and structural chromosome abnormalities. The size of structural abnormality that can be detected is >3-10Mb, dependent upon the G-band resolution obtained from this specimen. For the purposes of this report, band level is defined as the number of G-bands per haploid genome. It is documented here as "band level", i.e., the range of bands determined from the four karyograms in this assay. Detection of heterogeneity of clonal cell populations in this specimen (i.e.,mosaicism) is limited by the number of metaphase cells examined, documented here as "# of cells counted".