

Date Reported: Sunday, January 21, 2024

Cell Line Sex: Female

Cell Line: HNDS005-01 #B2 CRISPR +/- homo

Reason for Testing: Regular Test

Submitted Passage #: P31

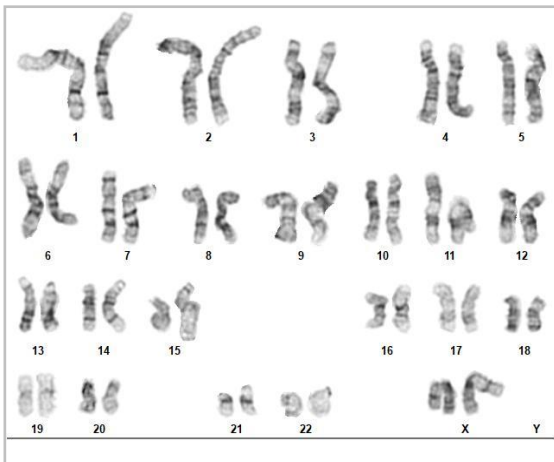
Date of Sample: 1/11/2024

Investigator: Wardiya Afshar Saber, Boston Children's Hospital

Specimen: Human iPSC

Results: 46,XX

Nonclonal findings: 47,XX,+16



Cell: 12

Slide: G03

Slide Type: Karyotype

Total Counted: 20

Total Analyzed: 8

Total Karyogrammed: 4

Band Resolution: 400 - 475

Interpretation:

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

There is a nonclonal finding, listed above. Nonclonal findings may result from technical artifact, but may be due to a developing clonal abnormality or to low-level mosaicism.

Completed by: Timm Gonzales, CG(ASCP)

Reviewed and Interpreted by: Xiangqiang Shao, PhD, DABMGG

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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".

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