KromaTiD Case: Jax G-banding_S011028

Project Quote#:	**200401**	**Specimen:**	**iPSC**
LIMS ID:	**S011028**	**Received Date:**	**9/29/2022**
Customer Sample ID:	**40 A02**	**Completed Date:**	**11/29/2022**
Gender:	**Male**	**Band Resolution:**	**425**
Total Counted:	**20**		
Total Analyzed:	**20**		
Final Karyotype:	**46,XY[20]**		

Case Notes: G-banded chromosome analysis of metaphase cells designated 40 A02 (KromaTiD Sample ID S011028) shows a normal male karyotype.
The other abnormalities/aberrations detected were non-clonal and were designated as low-level mosaicism or random gain/loss.

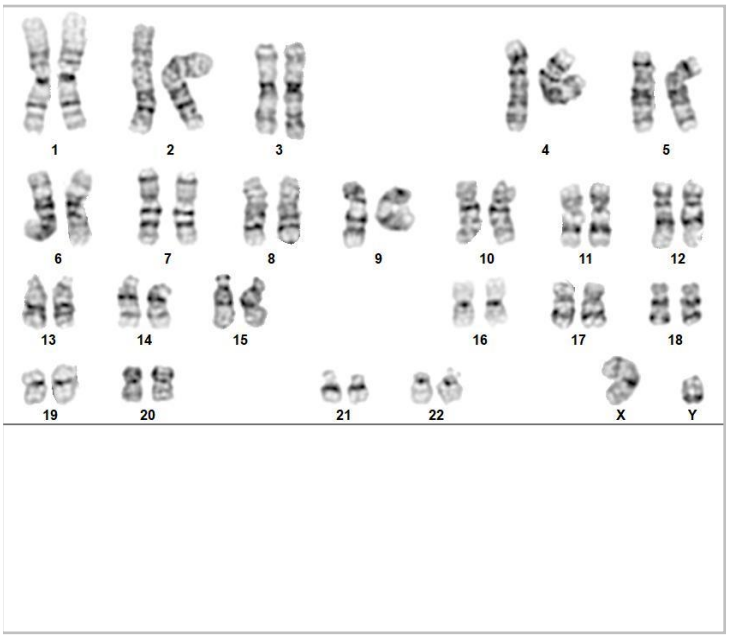
Karyotype Summary:

Karyotype:	# Cells
46,XY	17
44,XY,-18,-21	1
45,XY,-4	1
46,XY,chtb(17q)	1

Cells Images:

Karyotyped: 46,XY 2-12

Karyotyped: 46,XY 2-122



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. Detection of heterogeneity of clonal cell populations in this specimen is limited by the number of metaphase cells analyzed, documented above as "number of cells counted". Results are for Research Use Only and should not be used for clinical purposes.

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