

# KromaTiD Case: Jax G-banding\_S009888

**Project Quote#:** 200401      **Specimen:** iPSC  
**LIMS ID:** S009888      **Received Date:** 6/8/2022  
**Customer Sample ID:** 27.2\_Hom1      **Completed Date:** 9/26/2022  
**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 27.2\_Hom1 (KromaTiD Sample ID S009888) shows a normal male karyotype.  
 The other abnormalities/aberrations detected were non-clonal and were designated as low-level mosaicism or random gain/loss.

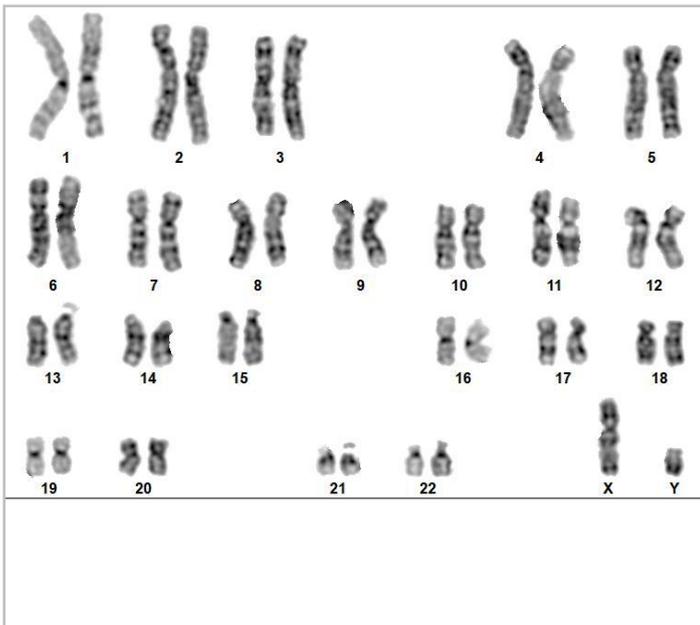
## Karyotype Summary:

Karyotype:	# Cells
46,XY	15
45,XY,-6	1
45,XY,-11	1
45,XY,-7	1
44,Y,-X,-14	1
47,XY,+10	1

## Cells Images:

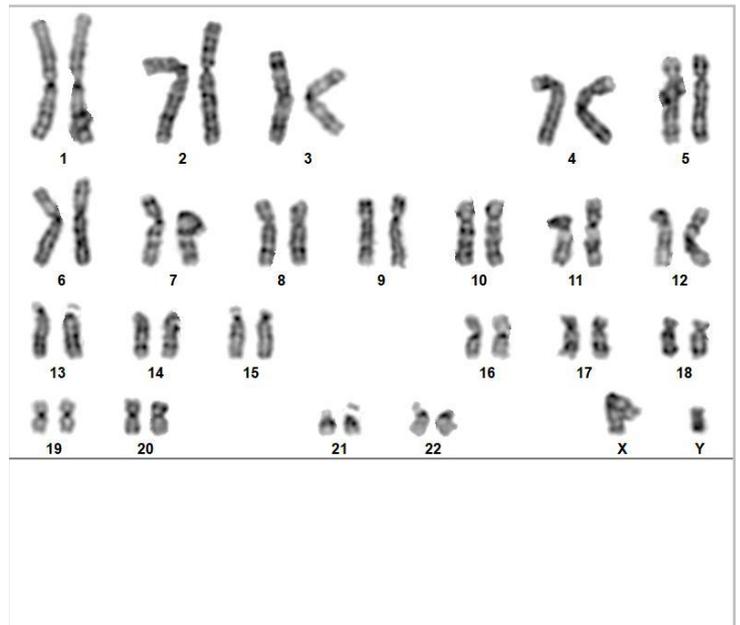
Karyotyped: 46,XY

2-49



Karyotyped: 46,XY

2-50



*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.*

**Completed By/Date:**  
**Michael Vernich**  
**Cytogenetics Supervisor**

DocuSigned by: 9/30/2022  
*Michael Vernich*  
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**Approved By/Date:**  
**Gregory Husar**  
**Operations Manager**

DocuSigned by: 9/29/2022  
*Greg Husar*  
8836BEA4EF644E7...