

## 7. FISH: PHYSICAL MAPPING OF GENOMIC CLONES USING SEQUENTIAL G-BANDING TO FISH

### REPORT WITH SUMMARY OF G-BANDING & FISH ANALYSIS

**CYTOGENOMIC SERVICES RESEARCH REPORT**  
 The Centre for Applied Genomics  
 The Hospital for Sick Children  
 14-604 MaRS East Tower  
 101 College Street, Toronto ON M5G 1L7

Sample ID: *SAMPLE\_NAME\_DATE*

**MATERNAL G-BANDING AND FISH EVALUATION OF chr12p13 REGION - FAMILY Sample\_name**

REPORT SERIAL NUMBER:

LIMS SAMPLE ID:

DATE:

Technologist:

PROJECT:

USER/PI:

Sample Number:

Sample Type:

Date Received:

**DETAILS OF EXPERIMENTS:**

UCSC Genome browser map of BAC probes used in testing:

**RESULTS: G-band Karyotyping Analysis Summary:**

Number of cells counted	Chromosome modal number	Number of cells karyotyped	Number of atypical cells	Number of atypical clonal cells

**Details of Above Karyotype Analysis:**

Number of cells	Chromosome count	Karyotype	Comments

**KARYOTYPE:**

Banding resolution:

**RESULTS: Sequential G-banding to FISH Analysis:**

Expt #	Probes used in hybridization (Probe label in brackets)	Chromosome localization of probes	Signal localization of probe in investigated sample
1			
2			

**G-to-FISH RESULT:**

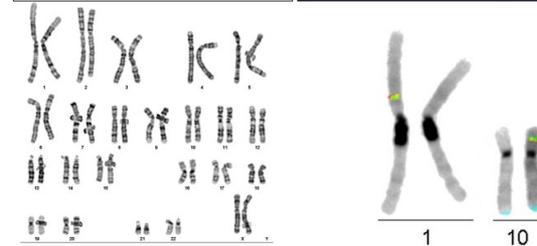
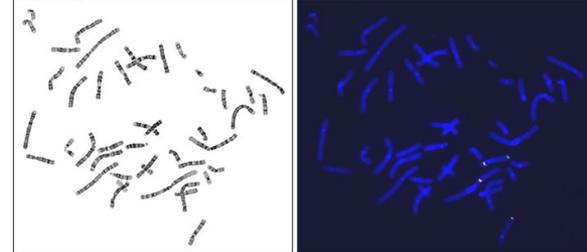
Comment:

Representative images attached:

1)

Cytogenomic Services  
**TCAG**  
 The Hospital for Sick Children

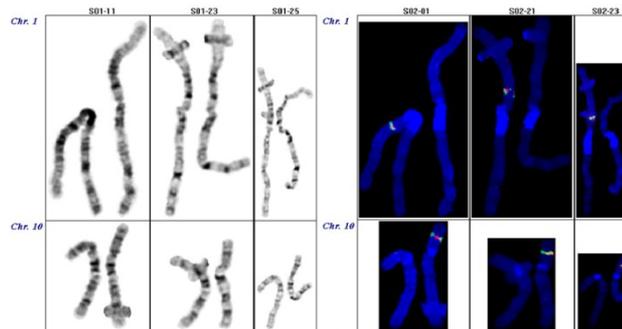
*SAMPLE\_NAME\_DATE* Cell S01-03 Gallery



G-to-FISH result written here in ISCN, followed by a detailed description of the results.

### AND REPRESENTATIVE IMAGES

Table of queries and abnormalities, *SAMPLE\_NAME\_DATE*



Structural chromosome abnormality described here in ISCN

TCAG  
 TRIM  
 TRMT  
 TRMT2  
 TRMT3  
 TRMT3L  
 TRMT3L2  
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