

Patient: [REDACTED]  
DOB: [REDACTED] Age: [REDACTED] Gender: [REDACTED]  
Patient Identifiers: [REDACTED]  
Visit Number (FIN): [REDACTED]

Client: [REDACTED]  
Physician: [REDACTED]

ARUP Test Code: 2002286  
Collection Date: 09/02/2016  
Received in lab: 10/05/2016  
Completion Date: 10/13/2016

## Interpretation

### Specimen received

Specimen type: Skin Fibroblasts  
Reason for referral: Rule out Constitutional t(5;9)  
Test performed: Chromosome Analysis

### Laboratory analysis

Number of cells counted: 20  
Number of cells analyzed: 6  
Number of cells karyotyped: 6  
ISCN Band level: 400  
Banding Method: G-Banding

Chromosome results: 46,XY,t(5;9)(q22;p22)

### Diagnostic Impression:

Metaphase cells analyzed revealed a male chromosome complement with a reciprocal translocation between chromosome 5 and chromosome 9.

Carriers of a balanced translocation are at an increased risk of producing unbalanced gametes that could result in infertility, pregnancy loss, or the birth of a child with an abnormality.

### Recommendations:

1. Genetic counseling.
2. Prenatal diagnosis by chromosome analysis may be considered in pregnancies.

This result has been reviewed and approved by [REDACTED],  
Ph.D., FACMG  
Electronic Signature

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement A: [aruplab.com/CS](http://aruplab.com/CS)

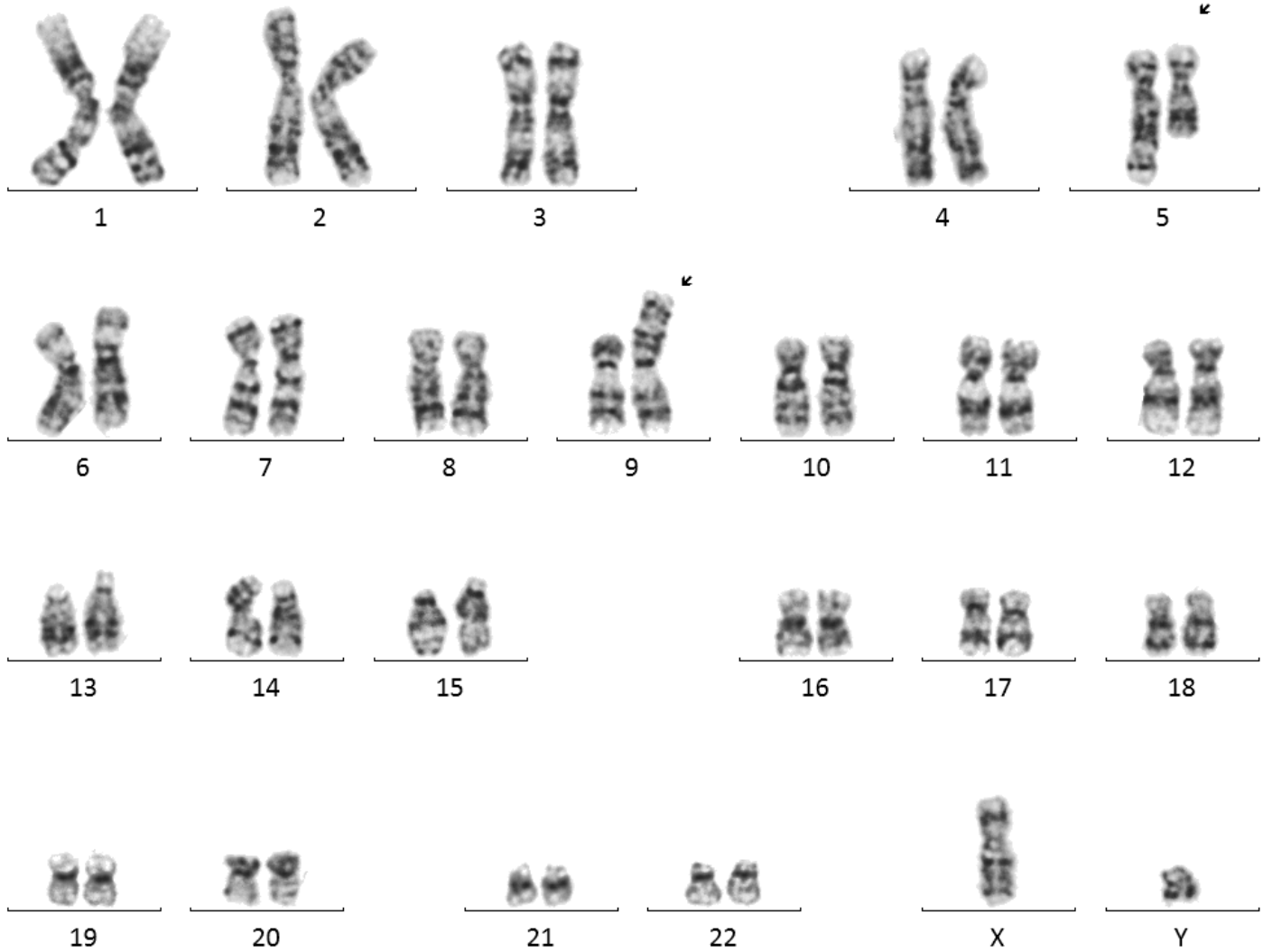


Patient: [REDACTED]  
ARUP Accession: 16-279-400050

# Chromosome Analysis, Skin Biopsy

Patient: [redacted] | Date of Birth: [redacted] | Gender: [redacted] | Physician: [redacted]  
Patient Identifiers: [redacted], [redacted] | Visit Number (FIN): [redacted]

Slide ID:



Patient: [redacted]  
ARUP Accession: 16-279-400050