

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

Client: [REDACTED]
 Physician: [REDACTED]

ARUP Test Code: 2002296
 Collection Date: 09/28/2016
 Received in lab: 09/30/2016
 Completion Date: 10/21/2016

Interpretation

Specimen received

Specimen type: Solid Tumor (Retroperitoneal Mass)
 Reason for referral: Neoplasm of Retroperitoneum, Low-grade lipomatous tumor, MDM2 Amplification Negative
 Test performed: Chromosome Analysis

Laboratory analysis

Number of cells counted: 20
 Number of cells analyzed: 20
 Number of cells karyotyped: 20
 ISCN Band level: 375
 Banding Method: G-Banding

Chromosome results:
 46,XY,t(3;11)(p13;p14),add(8)(q11.2)[cp19]/46,XY[1]

Diagnostic Impression:

An abnormal male cell line was detected in multiple cultures from this patient. It showed the following clonal aberrations in 19/20 (95%) cells:
 - a translocation between the short arms of chromosomes 3 and 11;
 - added material resulting in a loss in long arm of chromosome 8.

There was some variation from cell to cell with the abnormalities present; therefore a composite (cp) of all the abnormalities is listed in the nomenclature.

The remaining 1/20 (5%) cells showed a normal male chromosome complement.

These findings are consistent with a neoplastic process. Please correlate this result with clinical and other laboratory findings.

Further analysis by cytogenomic SNP microarray analysis may prove informative. Cytogenomic microarray technology can be useful for characterizing uncertain genomic material detected by karyotype, as well as for detection of copy number alterations below the level of resolution of metaphase cytogenetics and copy neutral loss-of-heterozygosity (LOH), which may be helpful for diagnosis, prognosis and therapeutic decisions, as well as monitoring disease progression and response to therapy. Balanced rearrangements including translocations and inversions cannot be detected by this technology. Depending on the specimen type(s) available, ARUP has several genomic microarray testing options.



Patient: [REDACTED]
 ARUP Accession: 16-272-123810

Chromosome Analysis, Solid Tumor

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Patient Identifiers: [redacted] | Visit Number (FIN): [redacted]

Information regarding these tests may be found on the web at <http://www.aruplab.com/genetics/tests/cytogenetics>. To order microarray testing, please contact Genetics Processing at (800) 242-2787, ext. 3301.

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

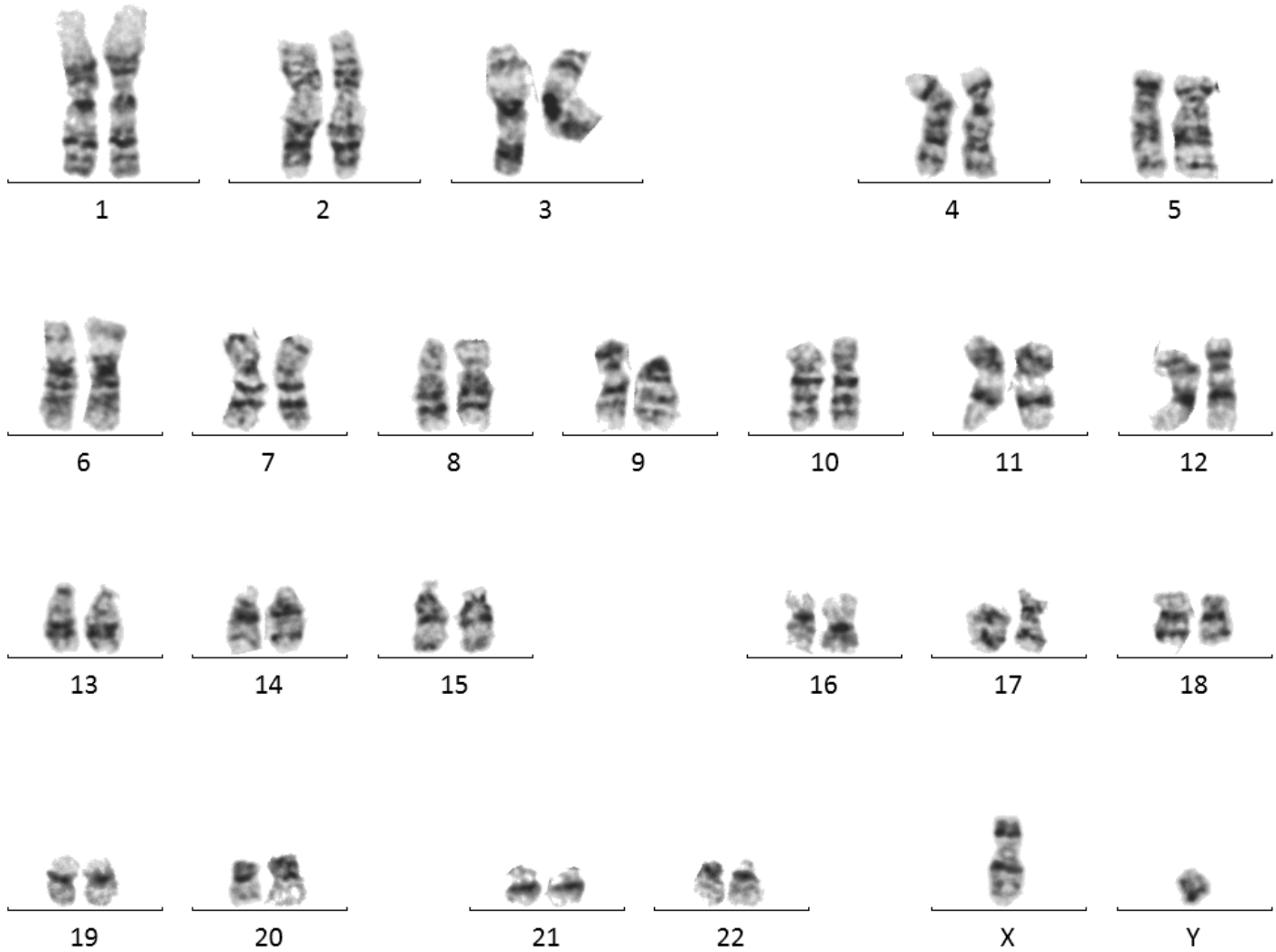


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Chromosome Analysis, Solid Tumor

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Slide ID:



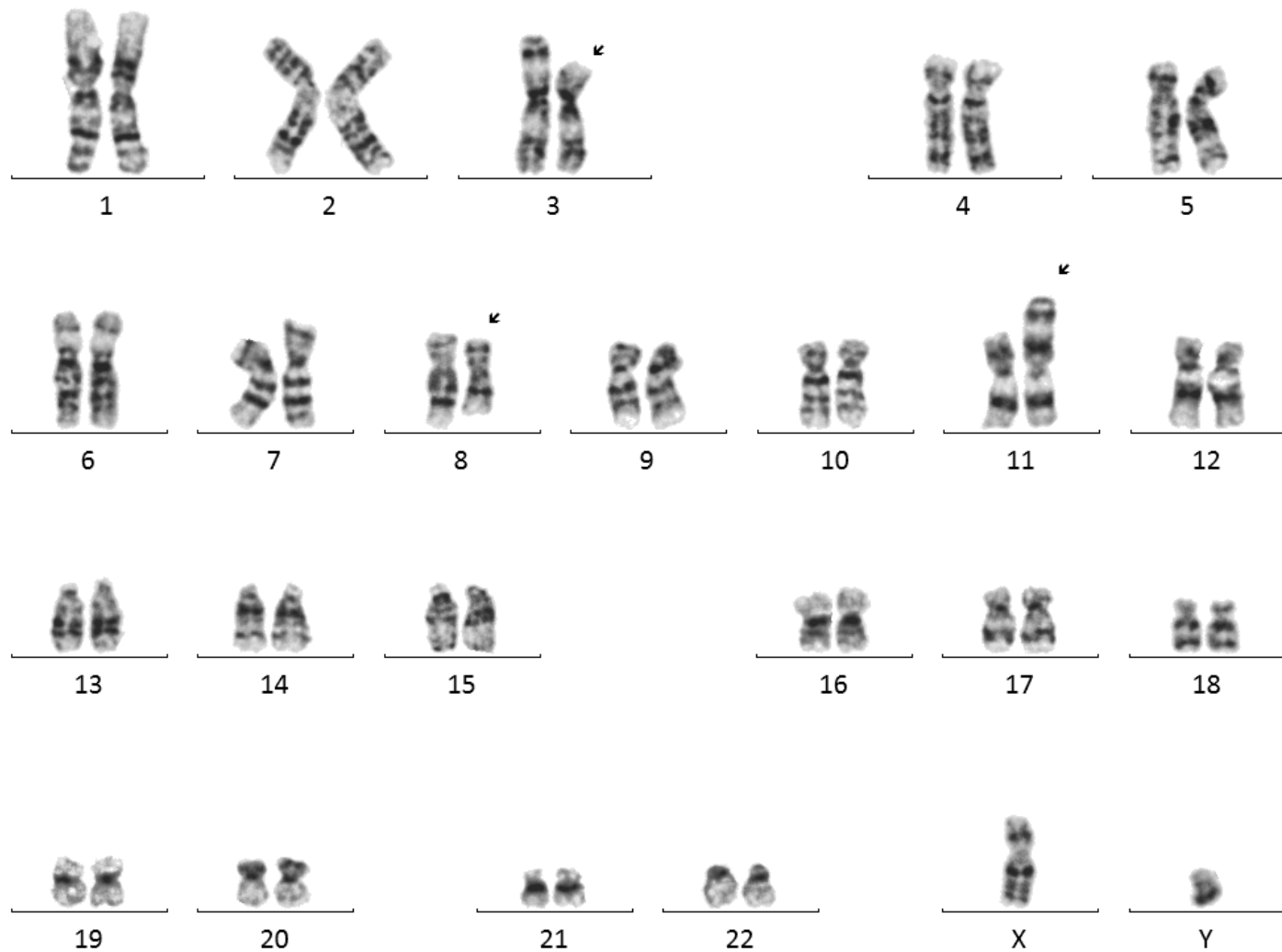
Slide ID: 0017



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Chromosome Analysis, Solid Tumor

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