

Patient: [REDACTED]  
DOB: [REDACTED] Age: 43 Gender: F  
Patient Identifiers: [REDACTED]  
Visit Number (FIN): [REDACTED]

Client: [REDACTED]  
Physician: [REDACTED]

ARUP Test Code: 2002653  
Collection Date: 07/10/2020  
Received in lab: 07/10/2020  
Completion Date: 07/17/2020

## Interpretation

Specimen Received  
Specimen Type: Bone Marrow  
Reason for Referral: Pancytopenia  
Test Performed: F TAML MDS

### NORMAL FISH RESULTS

5q31 (EGR1): deletion not detected  
7cen (D7Z1), 7q31 (D7S486): deletion / monosomy not detected  
11q23 (KMT2A; also known as MLL): rearrangement / deletion not detected

### DIAGNOSTIC IMPRESSION:

Fluorescence in situ hybridization (FISH) analysis was performed with the Therapy-Related AML/MDS Panel probes: EGR1, D7Z1, D7S486 and KMT2A(MLL) (Abbott Molecular). 200 interphase cells were scored for each probe combination.

This analysis showed normal results with no evidence of deletion 5q31, monosomy 7, deletion 7q31, or 11q23 rearrangement or deletion involving the KMT2A (MLL) locus.

ISCN:  
nuc ish(EGR1,D7Z1,D7S486,KMT2A)x2[200]

This result has been reviewed and approved by [REDACTED],  
PhD, FACMG

A portion of this analysis was performed at the following location(s):

[REDACTED]

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



Patient: [REDACTED]  
ARUP Accession: 20-191-106038