

Supplemental online content for:

## Morphologic and Molecular Characteristics of De Novo AML With JAK2 V617F Mutation

*Juliana E. Hidalgo-López, MD; Rashmi Kanagal-Shamanna, MD; L. Jeffrey Medeiros, MD; Zeev Estrov, MD; C. Cameron Yin, MD, PhD; Srdan Verstovsek, MD, PhD; Sergej Konoplev, MD, PhD; Jeffrey L. Jorgensen, MD, PhD; Mohammad M. Mohammad, MSc; Roberto N. Miranda, MD; Chong Zhao, MD, PhD; John Lee, MD, PhD; Zhuang Zuo, MD, PhD; and Carlos E. Bueso-Ramos, MD, PhD*

J Natl Compr Canc Netw 2017;15(6):790–796

**eTable 1:** Cytogenetic Results at Time of Diagnosis in Patients With JAK2mut AML Versus JAK2wt AML

eTable 1. Cytogenetic Results at Time of Diagnosis in Patients With *JAK2*mut AML Versus *JAK2*wt AML

<i>JAK2</i>	ELN Classification	Karyotype	
26.9	Adverse	Complex	45,XY,-7,der(11)t(7;11)(q32;p15)ins(11;7)(p11.2;q22q32) del(11)(q32),del(14)(q24q32),der(22)t(7;22)(?;p13)[19]
32.6		Complex	84-99,XY,-X,+1,del(1)(q12q43)x2,der(1;9)(p10;q10)x2,-2,+3,del(3)(q21q25)x2,der(3;12)(p10;q10)x3,-4,-5,-5,+6,+6,-7,del(7)(q22q34),+8,+8,-9,-9,-11,add(12)(p13),+13,+14,+14,-15,+15,-16,-16,-17,-17,-18,-18,+18,+18,+19,+19,-20,-21,+21, add(21)(p11.2),-22,+22,+2-10mar[cp16] 46,XY[4]
53.8		Complex	45,XY,-7,add(8)(p12),-12,add(17)(p12),+mar[11]47,XY,-7,del(12)(p11.2p13),del(17)(q23),+2mar[2]46,XY[5]
N/A		-7	45,XY,-7,add(18)(q23)[3]46,XY,del(11)(q13q22)[2]46,XY[15]
26		del(5q)	46,XX,del(5)(q13q33)[17]
36.6	Intermediate II	Diploid	46,XX[20]
37.7		Diploid	46,XX[20]
31		+8	47,XX,+8[2]/46,XX[18]
13.6		del(20q)	46,XX,inv(6)(q14q25),del(20)(q11.2q13.1)[12]46,XX[8]
15.4	Favorable	Diploid	46,XX[20]
39.9		t(8;21)	46,XX,der(8)t(8;8)(p11.2;q22)t(8;21)(q22;q22)t(8;21)(q22;q22),der(21)t(8;21)t(8;21)(q22;q22)t(8;21)(p11.2;q22)[3]/45,idem,-X[17]
wt	Adverse	Complex	46,XY,del(5)(q13q33)[1]/44-45,idem,add(2)(q31),-3,add(3)(q27),add(4)(q21),-6, del(9)(q22q34),-11,-13,-17,add(19)(p13),del(19)(p13.1),+3mar[cp10]/46,idem,del(17)(p11.2)[1]/46,XY[8]
wt		Complex	45,XX,del(5)(q22q35),-7[12] 45,idem,add(13)(p13)[1]46,XX[7]
wt	Inte. II	del(7q)	46,XY,del(7)(q21)[8]/46,XY[12]
wt		+8	47,XX,+8[19] 48,idem,+21[1]
wt	Intermediate I	Diploid	47,XX,+mar[1]46,XX[2]
wt		Diploid	48,XX,+12,+20[1]46,XX[18]
wt		Diploid	46,XX,del(20)(q11.2q13.1)[1]46,XX[20]
wt		Diploid	46,XY[20]
wt		Diploid	46,XX[20]
wt		Diploid	46,XX[20]
wt		Diploid	46,XY[20]
wt		Diploid	46,XY[20]

The first column describes *JAK2* mutation allelic burden. The second and third columns describe ELN classification and cytogenetics. The last column shows karyotype at AML diagnosis.

Abbreviations: AML, acute myeloid leukemia; ELN, European LeukemiaNet; Inte, intermediate; mut, mutant; N/A, not available; wt, wild-type.