Supplemental online content for:

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

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eTable 1: Cytogenetic Results at Time of Diagnosis in Patients With JAK2mut AML Versus JAK2wt AML
<table>
<thead>
<tr>
<th>JAK2</th>
<th>ELN Classification</th>
<th>Karyotype</th>
</tr>
</thead>
<tbody>
<tr>
<td>26.9</td>
<td>Complex</td>
<td>45,XY,-7,der(11)(7;11)(q23;p15)ins(11;7)(p11.2;q22q32)del(11)(q32),del(14)(q24q32),del(22)t(7;22)(?,p13)[19]</td>
</tr>
<tr>
<td>32.6</td>
<td>Complex</td>
<td>84-99,XYY,-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,-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, +19, -19, -20,-21,+21,add(21)(p11.2),-22,+22,+2-10mar(cp16)46,XY[4]</td>
</tr>
<tr>
<td>26</td>
<td>del(5q)</td>
<td>46,XX,del(5)(q13q33)[17]</td>
</tr>
<tr>
<td>36.6</td>
<td>Diploid</td>
<td>46,XX[20]</td>
</tr>
<tr>
<td>37.7</td>
<td>Diploid</td>
<td>46,XX[20]</td>
</tr>
<tr>
<td>31</td>
<td>+8</td>
<td>47,XX,+8[2]/46,XX[18]</td>
</tr>
<tr>
<td>13.6</td>
<td>del(20q)</td>
<td>46,XX,inv(6)(q14q25),del(20)(q11.2q13.1)[12]46,XX[8]</td>
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<tr>
<td>15.4</td>
<td>Diploid</td>
<td>46,XX[20]</td>
</tr>
<tr>
<td>39.9</td>
<td>t(8;21)</td>
<td>46,XX,der(8)(t8;21)(p11.2q22)t8;21(q22;q22)t8;21(q12q22)t8;21(q22;22)t8;21(q22;q22)t8;21(q12;22)[3]/45,idem,-X[17]</td>
</tr>
<tr>
<td>wt</td>
<td>Complex</td>
<td>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)/i46,idem,del(17)(p11.2)/1]46,XY[8]</td>
</tr>
<tr>
<td>wt</td>
<td>del(7q)</td>
<td>46,XY,del(7)(q21)[8]/46,XY[12]</td>
</tr>
<tr>
<td>wt</td>
<td>+8</td>
<td>47,XX,+8[19]48,idem,+21[1]</td>
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<tr>
<td>wt</td>
<td>Diploid</td>
<td>48,XX,+12,+20[1]46,XX[18]</td>
</tr>
<tr>
<td>wt</td>
<td>Diploid</td>
<td>46,XX,del(20)(q11.2q13.1)[1]46,XX[20]</td>
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<tr>
<td>wt</td>
<td>Diploid</td>
<td>46,XY[20]</td>
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<tr>
<td>wt</td>
<td>Diploid</td>
<td>46,XY[20]</td>
</tr>
</tbody>
</table>

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.