

Table 1. Characteristics of 74 adult patients with acute myeloid leukemia screened for genetic imbalance.

Patient	Age (years)	sex	FAB subtype	Cytogenetics findings	Genetic imbalance location
Pts with genetic imbalance					
1	61	F	AML-M0	45,XX,inv(3)(q21q26),del(5)(q13),-7	LOH D5S436, D7S684-486 and AMP at D7S515-D7S2459
2	56	F	AML-M0	N.A.	LOH13S153
3	35	F	AML-M0	46,XX	LOH D7S684,D7S486
4	63	M	AML-M0	46,XY	LOH D12S1697
5	25	M	AML-M0	N.A.	LOH D12S99-D12S358,D9S167
6	33	M	AML-M0	46,XY	LOH D7S515
7	52	F	AML-M0	46,XX,del(3)(q23)	LOH D6S1698
8	45	M	AML-M1	47,XY,+8	LOH D6S434
9	70	M	AML-M1	46,XY	MSI D9S1834
10	66	F	AML-M1	Ipodiploidy with t(8;21)(q22;q22)	LOH D7S extensive ,D9S283
11	25	M	AML-M1	46,XY,del(9)(q33)/ 45,X,del(9)(q33)	LOH D12S352
12	62	F	AML-M2	46,XX	MSI D12S336, D12S352
13	60	M	AML-M2	N.A.	LOH D5S2115
14	52	F	AML-M2	46,XX,del(6)(q22)	LOHD6S434,D6S262
15	18	M	AML-M2	46,XY,t(1;7)(q32;q32),t(10;11)(p11;q23)	LOH D20S101
16	42	M	AML-M2	46,XY,t(8;21)(q22;q22)	LOH D9S283
17	39	F	AML-M2	46,XX,del(6)(q24)	LOH D6S1698-D6S262
18	55	F	AML-M2	46,XX	LOH D7S2459, D12S336 and AMP D13S153
19	57	F	AML-M2	46,XX,del(11)(q23)	LOH D7S515
20	42	M	AML-M2	46,XY,add(2)(q37)	LOH D13S1307
21	59	M	AML-M3	46,XY,t(15;17)	LOH D7S2459
22	28	F	AML-M3	46,XX,t(15;17)(q32;q32)	LOH D17S938
23	19	F	AML-M3	46,XX,t(15;17)(q32;q32)	LOH D9S283
24	11	F	AML-M3	46,XX,t(15;17)(q22;q11),der(16)	LOH D5S2011
25	30	F	AML-M3	46,XX,t(15;17)	LOH D5S2115, D6S434
26	21	F	AML-M3	46,XX,t(15;17)	LOH D6S434
27	30	F	AML-M4	46,XX	LOH D13S153
28	26	M	AML-M4	N.A.	LOH D7S530, D12S1697, D13S263
29	67	M	AML-M4	N.A.	LOH D12S1697
30	71	F	AML-M4	46,XX	LOH D13S1307
31	10	M	AML-M4	46,XY,del(11)(q23)	LOH D7S530
32	20	M	AML-M4	47,XY,+8,inv(16)(p13q22)	LOH D7S515
33	62	M	AML-M4	46,XY	AMP D7S486
34	16	F	AML-M4	46,XX,t(6;9)(p23;q34)	LOH D6S262, D7S515
35	43	F	AML-M5	N.A.	AMP D13S153
36	38	F	AML-M5	46,XX, t(9;11)(p22;q23)	LOH D5S2011
37	62	F	AML-M5	N.A.	AMP D9S167
38	76	F	AML-M5	Hyperdiploidy	AMP D17S938
39	40	F	sAML	46,XX	LOH D7S684,D7S530
40	38	M	sAML	46,XY,del(7)(q22q36)	LOH D7S Extensive, D6S1698
41	36	F	MDS	46,XX,dup(1),t(17;18)	LOH D7S486
42	75	M	MDS	NA	LOH D7S515-D7S 530
Pts without genetic imbalances					
43	33	M	AML-M0	Hyperdiploidy	-
44	58	M	AML-M1	46,XY	-
45	53	M	AML-M1	46,XY	-
46	54	F	AML-M1	46,XX,t(8;21)(q22;q22)	-
47	48	F	AML-M1	46,XX	-
48	53	F	AML-M1	45,X,t(8;21)(q22;q22)	-
49	41	F	AML-M1	46,XX	-
50	60	M	AML-M1	45,X,-Y,add(7)(q36),t(8 ;21)	-
51	59	M	AML-M1	N.A.	-
52	36	F	AML-M2	46,XX	-
53	67	M	AML-M2	45,X,-Y,t(8;21)(q22;q22)	-
54	73	F	AML-M2	46,XX	-
55	69	F	AML-M2	46,XX	-
56	41	M	AML-M2	46,XY	-
57	55	F	AML-M2	46,XX	-
58	32	F	AML-M2	46,XX,t(8;21)(q22;q22)	-
59	15	F	AML-M2	46,XX,t(3;5)(q21;q31)	-
60	57	M	AML-M2	46,XY	-
61	51	F	AML-M3	46,XX,t(15;17)(q32;q32)	-

62	50	F	AML-M3	46,XX,t(15;17)(q22;q11)	-
63	45	M	AML-M3	46,XY,t(15;17)	-
64	25	F	AML-M3	46,XX,t(15;17)(q22;q11)	-
65	27	F	AML-M4	47,XY,+8,inv(16)(p13q22)/46,XY,inv(16)(p13q22)	-
66	38	F	AML-M4	46,XX	-
67	66	M	AML-M4	46,XY	-
68	71	M	AML-M4	47,XY,+8	-
69	53	M	AML-M4	46,XY	-
70	68	M	AML-M4	N.A.	-
71	77	F	AML-M5	46,XX	-
72	67	M	sAML	46,XY	-
73	62	F	sAML	46,XX,del(11)(q23)	-
74	76	M	sAML	N.A.	-

MSI, microsatellite instability; NA, not available.

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