

T-ALL

No.	<i>RUNX1</i> [mutated=1; wild-type=0]	Mutation (amino acid)	Reads x/y (%)	Cytomorphology - blast count	Immunophenotyping - blast count	FISH - clone size [100 cells]	Cytogenetics - clone size [20 metaphases]	Gender	Age
1	1	115_117delinsThrPro	314/627 (50)	60%	98%	87%		female	84
2	1	Ser114Pro	49/812 (6)	71%		17%		male	67
3	1	Val170Leu	496/1045 (48)				50%	male	53
3	1	Ile337ValfsX231	121/1102 (11)						
4	1	Ile168AsnfsX17	202/1225 (17)			85%		male	31
4	1	Gln370LysfsX197	208/944 (22)						
5	1	Arg174X	267/594 (45)	80%	96%			female	60
6	1	Pro332_Val333insTrpGly	121/605 (20)			71%		male	50
7	1	Cys72Tyr	259/489 (53)					female	30
8	1	Pro332AlafsX241	379/972 (39)	85%	89%	96%		male	79
9	1	Leu117Pro	268/654 (41)			80%		female	48
10	1	Trp79Arg	290/617 (47)	96%		79%		female	69
11	1	Gly138Ser	265/631 (42)	83%	94%	75%		female	64
12	1	Gly141ThrfsX47	149/331 (45)	98%	97%	90%		male	25
13	1	Asp133Val	349/743 (47)	80%	91%			male	63
14	0							male	38
15	0							male	42
16	0							male	64
17	0							male	72
18	0							female	38
19	0							female	75
20	0							male	60
21	0							male	29
22	0							male	53
23	0							male	30
24	0							male	24
25	0							female	49
26	0							male	55
27	0							female	19
28	0							male	43
29	0							male	20
30	0							male	21
31	0							female	73
32	0							male	23
33	0							female	36
34	0							male	23
35	0							female	28
36	0							male	43
37	0							male	20
38	0							male	31
39	0							female	74
40	0							male	42
41	0							male	32
42	0							male	31
43	0							female	24
44	0							male	42
45	0							male	53
46	0							male	45
47	0							male	19
48	0							male	35
49	0							male	28
50	0							female	62

51	0	male	20
52	0	female	38
53	0	male	20
54	0	female	71
55	0	female	50
56	0	male	72
57	0	male	22
58	0	male	30
59	0	male	60
60	0	female	21
61	0	male	37
62	0	male	41
63	0	male	25
64	0	male	49
65	0	female	88
66	0	male	42
67	0	male	63
68	0	male	29
69	0	male	67
70	0	male	53
71	0	male	43

B-ALL

No.	<i>RUNX1</i>	Mutation (amino acid)	Reads x/x (%)	Gender	Age
72	1	Arg118ProfsX4	122/360 (34)	female	80
73	1	Arg174Gln	538/1196 (45)	female	80
74	0			female	52
75	0			male	77
76	0			female	63
77	0			female	59
78	0			female	61
79	0			female	54
80	0			female	40
81	0			female	46
82	0			female	51
83	0			female	64
84	0			male	66
85	0			male	53
86	0			male	72
87	0			male	29
88	0			female	67
89	0			male	73
90	0			male	51
91	0			male	59
92	0			female	45
93	0			female	59
94	0			female	64
95	0			female	68
96	0			female	90
97	0			female	66
98	0			male	66
99	0			female	81
100	0			female	63

101	0	male	67
102	0	male	85
103	0	male	48
104	0	female	52
105	0	male	62
106	0	male	72
107	0	male	56
108	0	male	21
109	0	female	67
110	0	female	44
111	0	male	33
112	0	female	71
113	0	female	72
114	0	female	72
115	0	female	73
116	0	female	73
117	0	female	75
118	0	male	79
119	0	male	81
120	0	male	83
121	0	male	75
122	0	female	63
123	0	male	63

NK-Cell Leukemia

No.	<i>RUNX1</i>	Gender	Age
124	0	male	70
125	0	male	76
126	0	male	77
127	0	male	83
128	0	male	74

Diagnosis	Subtype 1	Subtype 2	Diagnosis	Diagnosis Date	White Blood Cell Count	Hemoglobin (g/dL)	Platelets (x 10 ⁹ /L)
first diagnosis	early T	pre-T-ALL	T-ALL	Jul-06	14400	10,7	35
first diagnosis	early T	pre-T-ALL	T-ALL	Sep-06			
first diagnosis			T-ALL	Dec-07	9400		
first diagnosis			T-ALL	Dec-07	21000	13	63
first diagnosis	early T	pre-T-ALL	T-ALL	Jan-09	66700	8,5	114
first diagnosis			T-ALL	Jun-09	33000		50
first diagnosis	early T	pre-T-ALL	T-ALL	Aug-09			
first diagnosis	early T	pre-T-ALL	T-ALL	Aug-09		10	
first diagnosis	cortical T	cortical T-ALL	T-ALL	Oct-09	39000	8,4	87
first diagnosis	early T	pro-T-ALL	T-ALL	Apr-10			
first diagnosis	early T	pre-T-ALL	T-ALL	May-10	3000	8,5	90
first diagnosis	cortical T	cortical T-ALL	T-ALL	Dec-06	145600	15,3	57
first diagnosis	early T	pre-T-ALL	T-ALL	Oct-05	10800	10,9	400
first diagnosis	early T	pre-T-ALL	T-ALL	Nov-05	84500		
first diagnosis	early T	pre-T-ALL	T-ALL	Dec-05	7160	14,5	252
first diagnosis	early T	pre-T-ALL	T-ALL	Dec-05	13100	14,6	67
first diagnosis	early T	pre-T-ALL	T-ALL	Mar-06	354000	11,5	80
first diagnosis	early T	pro-T-ALL	T-ALL	Jun-06	109650	8,3	76
first diagnosis	early T	pre-T-ALL	T-ALL	Jul-06	45400	7,3	159
first diagnosis	early T	pre-T-ALL	T-ALL	Sep-06	4800	9,6	11
first diagnosis	early T	pre-T-ALL	T-ALL	Oct-06	279000	11,3	40
first diagnosis	mature T	mature T-ALL	T-ALL	Dec-06	170000	10	100
first diagnosis	mature T	mature T-ALL	T-ALL	Feb-07			
first diagnosis	early T	pre-T-ALL	T-ALL	Apr-07	79480	16,1	252
first diagnosis	cortical T	cortical T-ALL	T-ALL	Apr-07	84000	9,4	64
first diagnosis	cortical T	cortical T-ALL	T-ALL	Oct-07	13200	16	399
first diagnosis	early T	pre-T-ALL	T-ALL	Oct-07	41400	12,9	55
first diagnosis	early T	pre-T-ALL	T-ALL	Dec-07	80000	11,7	21
first diagnosis			T-ALL	Dec-07	28900	12,3	229
first diagnosis			T-ALL	Dec-07	5300	12,6	181
first diagnosis	early T	pre-T-ALL	T-ALL	Jun-08	1600	10,5	68
first diagnosis	cortical T	cortical T-ALL	T-ALL	Feb-09	364800	11,5	67
first diagnosis	cortical T	cortical T-ALL	T-ALL	Apr-09	35000		
first diagnosis			T-ALL	May-09	100000	16	100
first diagnosis	early T	pre-T-ALL	T-ALL	Jun-09	205000	6,8	97
first diagnosis	cortical T	cortical T-ALL	T-ALL	Jul-09	20000	15,5	157
first diagnosis	cortical T	cortical T-ALL	T-ALL	Aug-09	13600	10	69
first diagnosis	mature T	mature T-ALL	T-ALL	Aug-09	227000		
first diagnosis	early T	pre-T-ALL	T-ALL	Sep-09	57400	13	120
first diagnosis	cortical T	cortical T-ALL	T-ALL	Nov-09	10400	12,1	20
first diagnosis	cortical T	cortical T-ALL	T-ALL	Jan-10	60950	13,6	85
first diagnosis			T-ALL	Jan-10	159000	7,8	218
first diagnosis	early T	pre-T-ALL	T-ALL	Mar-10			
first diagnosis	early T	pro-T-ALL	T-ALL	Apr-10			
first diagnosis			T-ALL	Jun-10	60000	11,9	170
first diagnosis	cortical T	cortical T-ALL	T-ALL	Jun-10	2560	13,4	946
first diagnosis	early T	pre-T-ALL	T-ALL	Aug-10	7600	9	123
first diagnosis	early T	pre-T-ALL	T-ALL	Oct-10	5200	15,3	461
first diagnosis	early T	pre-T-ALL	T-ALL	Dec-10	250000		23
first diagnosis	cortical T	cortical T-ALL	T-ALL	Mar-06	30500	8,5	108

first diagnosis	cortical T	cortical T-ALL	T-ALL	Sep-07	291000	14	51
first diagnosis	cortical T	cortical T-ALL	T-ALL	May-08	36000		60
first diagnosis	cortical T	cortical T-ALL	T-ALL	May-08	54000		29
first diagnosis	cortical T	cortical T-ALL	T-ALL	May-08	116000	12,6	44
first diagnosis	cortical T	cortical T-ALL	T-ALL	May-08	9900	15	443
first diagnosis	early T	pre-T-ALL	T-ALL	Dec-08			
first diagnosis	cortical T	cortical T-ALL	T-ALL	Jan-09	24800	7,4	55
first diagnosis	cortical T	cortical T-ALL	T-ALL	Apr-09	12300	12,1	12
first diagnosis	cortical T	cortical T-ALL	T-ALL	May-09	2100	7,1	21
first diagnosis	cortical T	cortical T-ALL	T-ALL	Jul-09			
first diagnosis	cortical T	cortical T-ALL	T-ALL	Sep-09	226000	8,2	25
first diagnosis	cortical T	cortical T-ALL	T-ALL	Oct-09	33900	7,6	91
first diagnosis	cortical T	cortical T-ALL	T-ALL	Nov-09	12370	16,5	131
first diagnosis	cortical T	cortical T-ALL	T-ALL	Dec-09	10700	15,1	415
first diagnosis	cortical T	cortical T-ALL	T-ALL	Feb-10			
first diagnosis	early T	pre-T-ALL	T-ALL	Jul-10	34500	9,1	90
first diagnosis	cortical T	cortical T-ALL	T-ALL	Aug-10			
first diagnosis	cortical T	cortical T-ALL	T-ALL	Sep-10	40000	8,6	61
first diagnosis	early T	pre-T-ALL	T-ALL	Nov-10	110000	6	170
first diagnosis	cortical T	cortical T-ALL	T-ALL	Oct-05	97100	10	54
first diagnosis	cortical T	cortical T-ALL	T-ALL	Dec-05			

Diagnosis	Diagnosis	Diagnosis Da/hite	Blood Cell Cour	Hemoglobin	Platelets
first diagnosis	B-ALL	Apr-08	11.000	9,8	103.000
first diagnosis	B-ALL	May-10	106.000	13	160.000
first diagnosis	B-ALL	Jul-08	2.700	11,9	59.000
first diagnosis	B-ALL	Jan-07	4.800	7,8	59.000
first diagnosis	B-ALL	Jun-10	4.200	9,2	141.000
first diagnosis	B-ALL	Oct-09	42.000	12	118.000
first diagnosis	B-ALL	Nov-09			
first diagnosis	B-ALL	Dec-07			
first diagnosis	B-ALL	Nov-08	12.200	6,5	162.000
first diagnosis	B-ALL	Nov-06	14.600	9,1	113.000
first diagnosis	B-ALL	Dec-06	78.500	14	134.000
first diagnosis	B-ALL	Jun-07	302.400	10,6	19.000
first diagnosis	B-ALL	Oct-05	19.700	9,9	23.000
first diagnosis	B-ALL	Jul-08	25.000	9,1	101.000
first diagnosis	B-ALL	Sep-10	46.300	12,1	24.000
first diagnosis	B-ALL	Jan-09	43.300		
first diagnosis	B-ALL	Sep-09	1.300	7,5	25.000
first diagnosis	B-ALL	Jan-08	66.900	14,1	156.000
first diagnosis	B-ALL	Feb-10	400.000		
first diagnosis	B-ALL	Mar-08			
first diagnosis	B-ALL	Apr-08	124.000	9	24.000
first diagnosis	B-ALL	Sep-09	108.800	9,9	62.000
first diagnosis	B-ALL	Jun-08	50.000	10	13.000
first diagnosis	B-ALL	Mar-08	112.600	13,5	79.000
first diagnosis	B-ALL	Aug-08	1.500	9,4	32.000
first diagnosis	B-ALL	Jan-08	161.000	8,8	90.000
first diagnosis	B-ALL	Nov-08	3.700	8,9	68.000
first diagnosis	B-ALL	Jun-08	16.300	7,8	18.000
first diagnosis	B-ALL	Jul-08	34.000	4,9	43.000

first diagnosis	B-ALL	Apr-09			
first diagnosis	B-ALL	Dec-09	140.000	6,9	13.000
first diagnosis	B-ALL	Apr-10	13.380	7	220.000
first diagnosis	B-ALL	Apr-10	60.000	8,1	14.000
first diagnosis	B-ALL	May-10	46.100		
first diagnosis	B-ALL	Jun-10	100.000		
first diagnosis	B-ALL	Jul-10	34.400	13,3	130.000
first diagnosis	B-ALL	Jul-10	139.000	11,5	11.000
first diagnosis	B-ALL	Oct-08	134.000	11,3	29.000
first diagnosis	B-ALL	Mar-07	11.400	9,5	100.000
first diagnosis	B-ALL	Feb-08	221.500	10,6	40.000
first diagnosis	B-ALL	Aug-08	27.000	10,5	60.000
first diagnosis	B-ALL	Sep-10	4.140	11,6	32.000
first diagnosis	B-ALL	Apr-08	126.000	8,9	
first diagnosis	B-ALL	Aug-08	133.000	10,5	67.000
first diagnosis	B-ALL	Jul-09	25.000		
first diagnosis	B-ALL	May-09	15.800	12,6	141.000
first diagnosis	B-ALL	Jun-07	26.000	10,2	43.000
first diagnosis	B-ALL	Nov-08	200.000	12	50.000
first diagnosis	B-ALL	May-09			
first diagnosis	B-ALL	Aug-10	81.600	10,8	18.000
first diagnosis	B-ALL	Nov-10	96.000	10,4	49.000
first diagnosis	B-ALL	Nov-10	2.600	8,7	85.000

Diagnosis	Diagnosis	Diagnosis Da/	hite Blood Cell Cour	Hemoglobin	Platelets
first diagnosis	NK-Cell Leukem	Jul-07	223.000	6,8	284.000
relapse	NK-Cell Leukem	Jan-08	14.200	8,5	10.000
follow-up	NK-Cell Leukem	Dec-07	1.200	10,2	30.000
first diagnosis	NK-Cell Leukem	Sep-09	8.600	15,1	173.000
follow-up	NK-Cell Leukem	Nov-10	6.700	15,5	98.000

Karyotype	CD117	CD13	CD14	CD19	CD1a	CD2	CD20	CD3	CD33	CD34	CD4	CD5
48,XX,+13,+13[12]/46,XX[8]												
46,XY,der(1)t(1;9)(p36;?)t(2;7)(p21;p15),der(5)t(5;9)(p13;?),r(9),del(13)(q14q21),der(19)t(9;19)(?;p13)t(5;9)(p13;?)t(2)/46,XY[13]	neg	strong	neg	dim	neg	neg	n.a.	neg	dim	strong	neg	dim
46,XY,t(7;11)(p15;p15)[9]/46,XY[10]												
92,XXYY,der(1;13),i(17)(q10)[cp5]/46,XY[5]												
46,XX[20]	neg	strong	neg	dim	neg	strong	neg	neg	neg	strong	neg	n.a.
46,XY,+8,t(4;13)(q35;q33),del(9)(p13)[4]/46,XY[18]												
46,XX[12]												
46,XY,t(2;11)(p16;q24)[4]/46,XY,r(5)(p14q12),t(2;11)(p16;q24)[11]/46,XY[7]	dim	n.a.	n.a.	neg	neg	neg	neg	neg	neg	strong	neg	dim
47,XX,+8,der(12)t(12;13)(p12;q32)[2]/46,XX[17]	neg	neg	neg	neg	strong	strong	n.a.	dim	neg	neg	neg	strong
47,XX,+8[15]/48,XX,+8,+8[3]/49,XX,+8,+8,+11[5]/46,XX[3]												
48,XX,+der(2)t(2;3)(q24;q26),+10[15]/46,XX[1]	neg	neg	neg	neg	neg	neg	n.a.	neg	strong	strong	neg	strong
46,XY,der(18)t(17;18)(q11;p11)[9]/46,XY[6]	neg	dim	neg	neg	strong	dim	neg	neg	neg	dim	dim	strong
46,XY[25]	strong	dim	neg	neg	neg	n.a.	neg	neg	neg	dim	neg	dim
46,XY,t(2;3)(p12;p25),del(13)(q14q21),inv(14)(p11q31),t(14;22)(q31;q11)[7]	dim	strong	neg	neg	neg	strong	neg	neg	neg	strong	neg	neg
45,XY,-4,del(5)(q13q33),der(5)t(4;5)(q11;p13),der(6)t(6;10)(q15;p13),der(10)t(6;10)(q?;p13),der(10)t(10;11)(p13;q14),der(11)t(6;11)(q?;q14),der(16)t(10;11)(q15;p13),der(17)t(17;18)(q11;p11)[12]/46,XY[6]	neg	strong	neg	neg	neg	n.a.	neg	neg	dim	strong	strong	strong
52,XY,+X,+2,+13,+14,+15,i(17)(q10),+19[10]/46,XY[14]	neg	neg	neg	neg	neg	dim	n.a.	neg	dim	strong	dim	neg
46,XY[25]	neg	dim	neg	neg	neg	neg	neg	neg	neg	strong	neg	strong
46,XX,der(1)t(1;5)(p36;?),del(5)(q15q33),del(6)(q15q22),der(10)t(10;13)(p15;q22),del(12)(p12)[cp9]/46,XX[1]												
46,XX[6]	neg	dim	neg	neg	neg	neg	neg	neg	neg	strong	neg	strong
46,XY[6]	neg	dim	neg	neg	neg	strong	n.a.	neg	dim	neg	neg	neg
46,XY,del(6)(q15q23),del(9)(p21p22)[5]/46,XY[6]												
47,XY,del(9)(p21p22),+del(17)(p11)[12]/46,XY[6]	neg	neg	neg	neg	neg	strong	neg	strong	neg	neg	neg	dim
46,XY[20]	neg	neg	neg	neg	neg	strong	neg	strong	neg	neg	dim	strong
46,XY[20]	neg	dim	neg	neg	neg	strong	neg	neg	neg	strong	neg	strong
46,X,t(X;9)(q28;p22),del(5)(q23q33),t(7;10)(q34;q24),del(9)(p13)[5]/46,XX[10]												
46,XY[34]												
48,XX,der(1)t(1;19)(p36;?),+der(1)t(1;19)(p36;?),+4,del(5)(q13q35),del(6)(q15q25),+10,del(11)(q13q25),del(12)(q24),der(13)t(13;14)(q21;p13),-14,der(19)	neg	strong	neg	neg	neg	strong	neg	neg	strong	strong	neg	strong
not available	strong	strong	neg	neg	neg	strong	n.a.	neg	dim	strong	neg	strong
46,XY[20]												
46,XY[23]												
46,XX,t(1;7)(q?23;q?31)[3]/46,XX[2]												
46,XY,ish del(1)(p32p32)(SIL-,TAL+)[3]/46,XY[18]												
49,XX,+7,t(7;10)(q34;q24),+13,+20[4]/46,XX[18]												
45,XY,t(7;9)(q34-35;q32),-9,der(14)t(9;14)(p11;q11)[4]/46,XY[12]												
46,XX,t(5;14)(q35;q32),del(9)(p21p22),ish del(9)(p21p22)(p16-),del(9)(p21p21)(p16-)[4]/46,XX[4]	neg	strong	neg	dim	neg	neg	neg	neg	neg	strong	dim	strong
46,XY[20]												
46,Y,t(X;7)(p21;q36),del(6)(q23),t(10;14)(q24;q11),der(21)t(6;21)(q23;p11),ish del(9)(p21p21)x2[5]/46,XY[20]												
46,XY,del(9)(q21q34)[4]/46,XY[8]	neg	neg	neg	neg	neg	strong	neg	dim	neg	neg	neg	strong
46,XX[20]	dim	neg	neg	neg	neg	strong	neg	neg	neg	strong	neg	neg
46,XY,i(9)(q10),ish del(9)(p21p21)(p16-)[3]/47,XY,i(9)(q10),+21,ish del(9)(p21p21)(p16-)[5]/46,XY[7]												
46,XY,del(9)(p21p22),t(10;14)(q24;q11),ish del(9)(p21p22)(p16-),del(9)(p21p21)(p16-)[3]/46,XY[15]												
46,XY[12]												
46,XX,t(10;11)(p12;q14)[4]/46,XX[18]	n.a.	n.a.	n.a.	neg	neg	neg	neg	neg	n.a.	dim	neg	strong
47,XY,+4[5]/47,XY,+4,dup(13)(q32q34)[3]/48,XY,+4,+7,del(13)(q13q32)[2]/46,XY[8]	dim	dim	neg	neg	neg	neg	neg	neg	neg	strong	neg	neg
83,XXYY,-2,-3,-5,-9,-10,-11,-12,-13,-15[3]/46,XY[8]												
46,XY[20]												
47,XY,+6,t(10;11)(p13;q21),der(17)t(1;17)(?;p?)t(2)/46,XY[18]												
50,XY,+1,der(3)t(3;5)(p11;q34),+4,+4,der(5)t(3;5)(p11;q12),+18[2]/46,XY[20]	n.a.	n.a.	n.a.	neg	neg	neg	neg	neg	n.a.	strong	neg	strong
46,XY[20]	neg	dim	neg	neg	neg	neg	neg	neg	neg	strong	neg	strong
46,XX[4]	neg	n.a.	n.a.	n.a.	dim	n.a.	n.a.	neg	n.a.	dim	neg	strong

46,XY,t(9;22)(q34;q11)[13]/46,XY[7]
46,XY,t(9;22)(q34;q11)[13]/47,XY,t(9;22)(q34;q11),+der(22)t(9;22)(q34;q11)[2]/46,XY[1]
46,XY,t(9;22)(q34;q11)[4]/46,XY,der(9)t(9;22)(q34;q11),der(22)(pter->22q11::9q34->9q34::22q11->22q11::9q34->9q34)[19]/46,XY[1]
44,XX,-9,t(9;22)(q34;q11),-15[2]/44,XX,-9,der(9)del(9)(p21p21)t(9;22)(q34;q11),der(22)t(9;22)(q34;q11),-15[3]/46,XX[12]
46,XY,t(9;22)(q34;q11)[9]/48,XY,+6,t(9;22)(q34;q11),+der(22)t(9;22)(q34;q11)[10]/46,XY[1]
46,XY,t(9;22)(q34;q11),der(19)t(4;19)(q31;p13)[15]/46,XY[5]
45,XY,-7,t(9;22)(q34;q11)[14]/46,XY[6]
53,XX,+X,+X,der(1)t(1;9)(p13;p23),+der(1)t(1;9)(p13;p23),+2,+5,der(7)t(7;9)(p11;p24),+8,der(9)t(7;9)(p11;p11),der(9)t(1;9)(p13;p13)t(9;22)(q34;q11),+14,-18,der(22)t(9;22)(q34;q11),+der(22)t(9;22)(q34;q11)[2]/46,XX[12]
45,XX,t(1;2)(p33;p16),-9,der(1)t(9;11)(q21;q13),ish der(22)ins(22;9)(q11;q34q34)(BCR+,ABL+)[3]/46,XX[12]
47,XX,t(8;14)(q11;q32),t(9;22)(q34;q11),+der(22)t(9;22)(q34;q11)[13]/46,XX[3]
46,XY,der(5)t(5;9)(q22;p?),der(9)t(5;9)(q22;p13),der(9)del(9)(p21p24)t(9;22)(q34;q11),der(19)t(9;19)(?;p13),del(20)(q11),der(22)t(9;22)(q34;q11)[9]/46,XY[1]
47,XX,-9,t(9;22)(q34;q11),+der(22)t(9;22)(q34;q11)x2[3]/46,XX[18]
48,XX,+X,+4,del(7)(p14p22),del(13)(q13q34).ish der(9)ins(9;22)(q34;q11q11)(BCR+,ABL+)[9]/46,XX[14]
46,XX,t(9;22)(q34;q11)[16]/46,XX[9]
46,XX[3]
46,XX,t(9;22)(q34;q11)[7]/46,XX[13]
45,XX,der(7;15)(q10;q10),t(9;22)(q34;q11)[8]/57,XX,+X,+2,+4,+6,+8,t(9;22)(q34;q11),+10,+10,+14,+18,+21,+der(22)t(9;22)(q34;q11)[3]/57,XX,+X,+2,+4,+6,+8,t(9;22)(q34;q11),+10,+der(10)t(1;10)(q21;q11),+14,+18,+21,+der(22)t(9;22)(q34;q11)[5]/46,XX[3]
46,XY,t(9;22)(q34;q11)[3]/47,XY,+8,t(9;22)(q34;q11)[16]/46,XY[1]
46,XY,t(9;22)(q34;q11)[20]
45,XY,-7,t(9;22)(q34;q11)[19]/46,XY[1]
46,XY,der(7)del(7)(p11)del(7)(q11),t(9;22)(q34;q11),t(20;21)(p13;q22)[21]
46,XX,del(9)(p13p22),t(9;22)(q34;q11)[16]/46,X,der(X)t(X;9)(q21;p23),del(9)(p13p22),der(9)t(X;9)(q21;p12)t(9;22)(q34;q11),der(22)t(9;22)(q34;q11)[4]
46,XY[20]

Karyotype

46,XY[20]
not available
45,XY,del(5)(q31q35),der(4)t(4;17)(q11;?),der(12)t(12;17)(p11;q11),-17[3]/46,XY[19]
46,XY[20]
46,XY[20]

CD65	CD7	CD8	cyCD22	cyCD3	cyCD79a	MPO	TdT
neg	strong	strong	neg	strong	neg	neg	strong

neg	strong	n.a.	neg	strong	neg	neg	strong
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n.a.	strong	neg	n.a.	strong	neg	neg	strong
n.a.	strong	neg	n.a.	dim	n.a.	neg	dim

neg	strong	neg	neg	strong	neg	neg	strong
neg	strong	strong	neg	strong	neg	neg	dim
dim	strong	neg	neg	dim	neg	neg	dim
dim	strong	neg	neg	strong	neg	neg	dim
neg	strong	dim	neg	strong	neg	neg	dim
dim	strong	neg	neg	dim	neg	neg	dim
neg	strong	neg	neg	strong	dim	neg	dim

neg	strong	neg	neg	dim	dim	neg	strong
neg	strong	dim	neg	strong	neg	neg	dim

neg	strong	neg	neg	strong	neg	neg	neg
neg	strong	strong	neg	strong	neg	neg	neg
dim	strong	dim	neg	strong	neg	neg	dim

dim	strong	neg	neg	strong	neg	neg	strong
neg	strong	neg	neg	strong	neg	neg	dim

neg	strong	neg	neg	strong	neg	neg	strong
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neg	strong	neg	neg	strong	neg	neg	neg
dim	strong	neg	neg	strong	neg	neg	dim

n.a.	strong	neg	neg	strong	neg	neg	strong
neg	dim	neg	neg	strong	neg	neg	dim

n.a.	strong	neg	neg	strong	neg	neg	dim
neg	strong	neg	neg	strong	dim	neg	strong
n.a.	strong	dim	neg	strong	neg	neg	strong

neg	strong	strong	neg	strong	neg	neg	strong
neg	strong	strong	neg	strong	neg	neg	strong
n.a.	strong	dim	n.a.	strong	dim	neg	strong
n.a.	strong	neg	n.a.	strong	neg	neg	strong
neg	strong	dim	neg	strong	neg	neg	dim
dim	strong	neg	neg	strong	neg	neg	dim
neg	strong	strong	neg	strong	neg	neg	strong
n.a.	strong	strong	n.a.	strong	neg	neg	strong
neg	strong	neg	neg	strong	neg	neg	strong
n.a.	strong	strong	n.a.	strong	dim	neg	dim
neg	strong	strong	neg	strong	neg	neg	strong
n.a.	n.a.	dim	n.a.	strong	neg	neg	strong
n.a.	strong	strong	neg	strong	neg	neg	dim
n.a.	strong	neg	neg	strong	neg	neg	dim
neg	strong	n.a.	neg	strong	dim	neg	dim
neg	strong	neg	neg	strong	neg	neg	strong
n.a.	strong	neg	neg	strong	dim	neg	strong
neg	strong	n.a.	neg	strong	neg	neg	dim
neg	strong	strong	neg	strong	neg	neg	strong
dim	strong	neg	neg	strong	neg	neg	strong
neg	strong	strong	neg	strong	neg	neg	strong

q21)x2,+8,+8,+10,+11,der(11)amp(11)(q23q24)t(11;20)t(q23;q11)x2,+12,+14,+15,+19,+19,der(20)(17qter->17q21::11q24->11q25::20q11->20p11::11q?->11q?::20p12->20pter)x2,+21,+22,+22[cp11]/46,XX[7]