

N°	sample	Extraction type	Diagnosis	Karyotype	Fusion	junction+spaning read
1	BM	Trizol	B-ALL	NA	<i>TCF3-PBX1</i>	924
2	PBL	Trizol	B-ALL	45,XX,der(7)t(7;8)(p12-13;q21),-8 [11] / 46,XX [13]. nuc ish (MLLx2)[200]	<i>unknown</i>	/
3	BM	Trizol	B-ALL	46,XX,t(4;11)(q21;q23) [1]	<i>KMT2A-AFF1</i>	33
4	BM	Trizol	B-ALL	46,XX,t(4;11)(q21;q23)[5]/46,XX[20]	<i>KMT2A-AFF1</i>	11
5	BM	Trizol	B-ALL	46,XY,t(4;11)(q21;q23)[18]/46,XY[2]	<i>KMT2A-AFF1</i>	54
6	BM	Trizol	B-ALL	46,XX,der(19)t(1;19)(q23;p13)[15]/46,XX[5]	<i>TCF3-PBX1</i>	138
7	BM	Trizol	B-ALL	46,XX,t(4;11)(q21;q23)[6]/47,sl1,+der(4)t(4;11)[7]/47,sl2, ?ins(9;22)(q34;q12)[2]/46,XX[5]	<i>KMT2A-AFF1</i>	24
8	BM	Trizol	B-ALL	46,XY,t(4;11)(q21;q23)[8]/46,XY[12]	<i>KMT2A-AFF1</i>	241
9	BM	Trizol	B-ALL	47,XX,t(1;19)(q23;p13),add(12)(p11),+mar[5]/46,XX[15] nuc ish(MLLx2)[200/200],(BCR,ABL)x2[200/200]	<i>TCF3-PBX1</i>	525
10	BM	Trizol	B-ALL	46,XY,t(9;22)(q34;q11)[20] nuc ish(MLLx2)(ABLX3,BCRX3,ABLconBCRX2)[196/200]	<i>BCR-ABL1 e1a3+/VWC2-IKZF1</i>	176_119
11	BM	Trizol	B-ALL	45,XX,t(9;22)(q34;q11),-10,del(11)(q12q24)[14]/45,XX,t(9;22)(q34;q11),add(9)(q24),-11[4]/46,XX[2] nuc ish(MLLx1)[154/200],(ABLX3,BCRX3,ABLconBCRX2)[96/200],amp(BCRconABL)[88/200]	<i>BCR-ABL1 e1a2</i>	918
12	PBL	MN	B-ALL	46,XY,t(9;22)(q34;q11)[6]/45,XY,der(9)(13qter->13q12::9p12->9q34::22q11->22qter),-13,der(22)t(9;22)(q34;q11)[12]	<i>BCR-ABL1 e1a2</i>	239
13	BM	Trizol	B-ALL	46,XX,dup(1)(q11q34),der(19)t(1;19)(q23;p13)[12]/46,XX[8] nuc ish(MLLx2),(ABL,BCR)x2[200/200]	<i>TCF3-PBX1</i>	599
14	BM	Trizol	B-ALL	46,XX[20] nuc ish(ABL,BCR)x2[200/200],(MLLx2)[200/200],(TELX2,AMLX2,TELconAML1X1)[152/200]	<i>ETV6-RUNX1</i>	230
15	BM	Trizol	B-ALL	46,XY,t(9;22)(q34;q11)[1]/47,idem,del(6)(q21q26),+10,add(14)(q32),dic(1;20)(p11;q11)[19]	<i>BCR-ABL1 e14a2</i>	274
16	PBL	Trizol	B-ALL	46,XX,add(6)(q26),add(8)(q21),del(9)(q21q33),der(19)t(1;19)(q22;p13.3).ish(3'TCF3+,5'TCF3+)[5]/46,XX,add(6)(q27),del(11)(q22)[2]/46,XX[13]	<i>TCF3-PBX1</i>	70
17	BM	Trizol	B-ALL	47,XY,del(6)(q21),+21[7]/49,idem,+16,+19[6]/85-87,<4n>,XXY,-1,-3,del(6)(q21)X2,-7,-13,+mar,inc[cp6]/46,XY[1] nuc ish(ETVX4,RUNX1X5,ETV6conRUNX1X2)[80/100],(ABLX4,BCRX4)[81/100],(KMT2AX3)[38/100]	<i>ETV6-RUNX1</i>	357
18	BM	Trizol	B-ALL	47,XX,t(4;11)(q21;q23),+6[19]/46,XX[1] nuc ish(KMT2AX2,5'KMT2Asep3'KMT2AX1)[90/100],(ABL,BCR)x2[200/200]	<i>KMT2A-AFF1</i>	47
19	BM	Trizol	B-ALL	44,XY,-4,add(14)?t(7;14)(q21;q32),del(5)(p15),i(17)(q10),-15,-18,+mar[7]/75,XXY,idemX2[1]/46,XY[13].nuc ish(KMT2AX2)[200/200],(BCRX3,ABLX2)[10/200],(CMYCX2)[200/200]	<i>NO</i>	/
20	BM	Trizol	B-ALL	46,XY,del(20)(q11q13)[14]/46,idem,t(9;11)(q26;q23)[6] nuc ish(KMT2AX2)[192/200]	<i>NO</i>	/
21	PBL	Trizol	T-ALL	49,XY,+Y,del(1)(q31q43),+8,+21[3]/46,XY[17]	<i>unknown</i>	/
22	BM	Trizol	B-ALL	46,XY,add(9)(p23)[8] /46,XY[12] nuc ish(ABL,BCR)x4[35/100],(KMT2AX4)[28/100],(FGR1X4)[20/200],(PDGFRBX4)[20/200]	<i>NO</i>	/
23	BM	Trizol	B-ALL	46,XX[20] nuc ish(KMT2AX2),(ABL,BCR)x2[200/200]	<i>EP300-ZNF384</i>	242
24	PBL	Trizol	B-ALL	48,XX,+X,+21[10]/46,XX[10] nuc ish(KMT2AX2)[200/200],(BCR,ABL)x2[200/200]	<i>NO</i>	/
25	BM	Trizol	B-ALL	46,XX,t(4;11)(q21;q23)[18]/46,XX[2] .nuc ish(KMT2AX2,5'KMT2Asep3'KMT2AX1)[92/100],(ABL,BCR)x2,(ETV6,RUNX1)x2[200/200]	<i>KMT2A-AFF1</i>	240
26	BM	trizol	B-ALL	47,XX,del(4)(q13q35),del(8)(q12q24),add(14)(q23)?der(14)t(1;14)(q24;q23),+21[3]/46,XX[10] .nuc ish(IgH, BCR, ABL1, KMT2A, ETV6)x2,(RUNX1X3)[30/100]	<i>NO</i>	/
27	BM	trizol	B-ALL	58,XY,+X,+Y,dup(1)(q21q34),+4,+5,add(6)(q27),+10,+14,+17,+18(X2),+21(X2)[6]/46,XY[4] .nuc ish(ABL1,KMT2A,BCR)x2[200]	<i>NO</i>	/
28	mo	trizol	B-ALL	46,XY,der(3)(?::3p21->3q12::?::3q12->3q26::?::3q26->3qter),add(14)(q32)[20].nuc ish(IgHcX2,IgHVdimX1)(IgHCconlgHVdimX1)[96/100],(MECOM,BCL6)x2[200]	<i>NO</i>	/
29	BM	MN	APL	46,XY,t(15;17)(q22;q21) [15]/46,XY[5]	<i>PML-RARA bcr2</i>	51
30	PBL	MN	APL	46,XX,t(15;17)(q22;q12)[20]nuc ish(RARAX2,5'RARasep3'RARAX1)[196/200](MLLX2)[200/200]	<i>PML-RARA bcr2</i>	287
31	PBL	MN	APL	46,XY,t(15;17)(q12;q21)[15]	<i>PML-RARA bcr1</i>	19
32	BM	MN	APL	46,XX,t(4;22)(p15;q12),del(15)(q25),t(15;17)(q22;q21)[20] nuc ish(PMLX3,RARAX3,PMLconRARAX2)[83/100]	<i>PML-RARA bcr1</i>	94
33	PBL	MN	APL	46,XX,t(15;17)(q24;q21)[17]/46,XX[3] nuc ish(PMLX3,RARAX3,PMLconRARAX2)[166/200],(MLLX2)[200/200]	<i>PML-RARA bcr3</i>	73
34	BM	MN	APL	46,XX,t(15;17)(q22;q21)[18]/46,XX[2] nuc ish(PML,RARA)x2(PMLconRARA)x1[160/200]	<i>PML-RARA bcr3</i>	73

35	BM	MN	APL	46,XX,t(15;17)(q22;q21)[18]/46,XX[2] nuc ish(PMLX3,RARAX3,PMLconRARAX2)[196/200],(KMT2AX2)[200/200]	PML-RARA bcr3	77
36	PBL	Trizol	AML	46,XY,t(12;19)(q21;q11)[34]	unknown	/
37	BM	Trizol	AML	46,XY[20]	NO	/
38	BM	MN	AML	46,XX,t(8;16)(p11;p13)[15]/46,XX[5]	KAT6-CREBBP	35
39	BM	MN	AML	46,XX,t(3;5)(q23;q34)[15]/ 46,XX[5]	NPM1-MLF1	15
40	PBL	Trizol	AML	46,XX,t(8;21)(q22;q22)[3]/46,XX[4]	RUNX1-RUNX1T1	341
41	BM	MN	AML	NA	NO	/
42	BM	Trizol	AML	46,XY [20].	NO	/
43	BM	MN	AML	46,XX[20]	KMT2A -MLLT10	21
44	sg		AML	46-50,XY,del(5)(q13q32),del(7)(?q22q33),+8,add(21)(p12),-22,+1a2mars, +r[cp12]/46,XY[8]	NO	/
45	PBL	MN	AML	46,XY,-11,+mar,inc[cp5] nuc ish(MLLX2)(5'MLLSep3'MLLX1)[110/200]	KMT2A -MLLT10	12
46	BM	MN	AML	38-42,XY,-2,add(3)(p12),-5,del(6)(q16q27),-7,add(8)(p22),-9,-11,-15,-16,-17,-18,-22,+1-5mars[cp28] nuc ish(MLLX3)[76/200],(CBFBX1)[162/200]	unknown	0
47	BM	MN	AML	46,XY,inv(16)(p13q22)[7]/46,XY[13] nuc ish(CBFBX2,5'CBFBsep3'CBFBX1)[170/200](MLLX2)[200/200]	CBFB-MYH11	40
48	mo		AML	47,XX,+21[4]/47,idem,der(16)t(1;16)(q22;q22)[19] nuc ish(MLLX2)[200/200]	NO	/
49	BM	MN	AML	46,XY[20] nuc ish(MLLX2)[200/200]	NO	/
50	PBL	MN	AML	46,XX,t(6;9)(p23;q34)[7]/46,XX[13] nuc ish(NUP214X3,DEKX3,DEKconNUP214X2)[40/100](MLLX2)(CBFB,MYH11X2)[200/200]	DEK-NUP214	34
51	mo		AML	47,XX,+4[20] nuc ish(MLLX2)(CBFB,MYH11)X2[200/200]	NO	/
52	BM	MN	AML	46,XY,del(11)(q21q23)[7]/46,XY[13] nuc ish(MLLX2)[200/200]	KMT2A-KMT2A (DUP)	/
53	PBL	MN	AML	46,XX,inv(16)(p13q22)[15]/45,sl,-X[14]/46,XX[4] nuc ish(CBFBX3,MYH11X3,CBFBconMYH11X2)[143/200]	CBFB-MYH11	44
54	BM	MN	AML	46,XX,t(2;16)(q34;p12).ish(CBF+;MYH11+)[20] nuc ish (KMT2AX2)[200/200]	unknown: FUS-FEV	57
55	PBL	MN	AML	92,XXYY,inv(16)(p13q22)X2[13]/46,XY[7] nuc ish(CBFBX6,MYH11X6,CBFBconMYH11X4)(KMT2AX4)[68/200]	CBFB-MYH11	116
56	BM	MN	AML	46,XY,t(6;11)(q27;q23)[17]/XY[3]	KMT2A -AFDN	101
57	PBL	MN	AML	46,XX,t(2;12)(q23;p11)[6]/45,idem,-X,add(8)(q23)[9] nuc ish(MLLX2)(AML1X3,ETOX3,AML1conETOX1)[90/100]	RUNX1-RUNX1T1	490
58	PBL	MN	AML	46,XY,del(5)(q31q35),t(10;17)(p15;q22),add(12)(p13)[8]/46,XY[6].nuc ish(TELX2)[200/200],(PDGFRBx2)[200/200]	ZMYND11-MBTD1	6
59	BM	MN	AML	46,XY[20] nuc ish(MLLX2)(5'MLLX3,3'MLLX2,5'MLLcon3'MLLX2)[31/100]	KMT2A -AFDN	32
60	BM	MN	AML	46,XX,t(9;22)(q34;q11),inv(16)(p13q22)[20] nuc ish(MLLX2),,(CBFBX3,MYH11X3,CBFBconMYH11X2)[92/100]	BCR-ABL1 e14a2+CBFB-MYH11	73_67
61	PBL	MN	AML	46,XX,t(8;21)(q22;q22)[16]/46,XX[4] nuc ish(MLLX2)(CBFB,MYH11)X2,(AML1X3,ETOX3,AML1conETOX2)[96/100]	RUNX1-RUNX1T1	221
62	BM	MN	AML	46,XY[20] nuc ish(KMT2AX2)[200/200]	NO	/
63	sg	MN	AML	46,XX[20] nuc ish (KMT2AX2)[200/200],(PML,RARA)X2[200/200]	NO	/
64	mo	MN	AML	46,XY[20] nuc ish(KMT2AX2)[200/200]	NO	/
65	BM	MN	AML	46,XX,t(9;11)(p22;q23)[6]/46,XX[14] nuc ish(KMT2AX2,5'KMT2Asep3'KMT2AX1)[45/100]	KMT2A -MLLT3	30
66	PBL	MN	MPAL	46-51,XX,+X,+4,del(5)(q23q34),+8,del(9)(q33q34),+10,+21[20] nuc ish(ABLX1,BCRX2)[92/100],(KMT2AX2)[200/200],(EGR1X1),(D5S23,D5S721)X3[98/100]	SET-NUP214	192
67	BM	MN	AML	52,XX,t(6;11)(q26;q23),+der(6)t(6;11),+8,+14,+18,+19,+22[11]/53,idem,+dm[8]/46,XX[1].ish t(6;11)(3'KMT2A+;5'KMT2A+),der(6)t(6;11)(3'KMT2A+)	KMT2A -AFDN	59
68	BM	MN	AML	46,XX,der(21)(t1;21)(q23;p13)[3]/46,XX[17] nuc ish(KMT2AX2)[192/200]	unknown	/
69	BM	MN	AML	46,XY,t(X;11)(q22;q23)[15]/46,XY[5] nuc ish(MLLX2)(3'MLLX1,5'MLLX2)[90/100],(CBFB,MYH11)X2[200/200]	KMT2A-SEPT6	109
70	BM	MN	CMMML	46,XY,der(1)t(1;1)(p36;q21)[13]/46,XY[7]	unknown	/
71	BM	MN	AML	46,XX,t(9;11)(p21;q23)[18]/46,XX[2] nuc ish(KMT2AX2)(5'KMT2Asep3'KMT2AX1)[60/100]	KMT2A -MLLT3	26
72	BM	MN	AML	46,XY,t(9;11)(p21;q23)[4]/46,XY[16] nuc ish(KMT2AX2)(5'KMT2Asep3'KMT2AX1)[34/100]	KMT2A -MLLT3	10

73	BM	MN	AML	46,XX,t(6;11)(q27;q23)[15]/52,idem,+3,+4,+der(6)t(6;11),+8,+19,+21[5] nuc ish(KMT2AX2,5'KMT2Asep3'KMT2AX1)[67/100](KMT2AX2,5'KMT2AX2sep3'KMT2AX1)[24/100]	KMT2A -AFDN	53
74	BM	MN	AML	46,XX,t(11;19)(q23;p13.1)[15]/46,XX[5].nuc ish(KMT2AX2)[5'KMT2Asep3'KMT2AX1][56/100]	KMT2A -ELL	55
75	BM	MN	AML	46,XY,inv(3)(q21q26),del(7)(q21q26)[3]/46,XY[5].nuc ish(KMT2AX2)[200/200],(MECOMX2,5'MECOM sep3'MECOMX1)[10/100],(D7Z1X2,D7S486X1)[10/100]	NO	/
76	BM	MN	AML	46,XY,t(8;9)(p22;p24)[10]/46,XY[10]	PCM1-JAK2	18
77	BM	MN	AML	45,XX,-7,der(10)(11pter->11p13::?:10p12->10qter),der(11)t(10;11)(p12;p13)[18]/46,XX[2].nuc ish(D7Z1,D7S486)X1[83/100],(5'KMT2AX3,3'KMT2AX2, 5'KMT2Acon3'KMT2AX2)[78/100](RUNX1,RUNX1T1,CBFB,MYH11)X2[20/200]	KMT2A -MLLT10	5
78	BM	MN	CMML	46,XY,t(5;12)(q32;q23)[14]/46,XY[6].nuc ish(PDGFRBX2,5'PDGFRBsep3'PDGFRBX1)[129/200]	unknown: EEA1-PDGFRB	7
79	BM	MN	AML	46,XY,t(3;12)(q26;q13),del(7)(q22)[1].nuc ish(MECOMX2,5'MECOMsep3'MECOMX1)[45/100],(D7Z1,D7S486)X1[51/100],(KMT2AX2)[200/200]	unknown	/
80	BM	MN	MDS	46,XY,i(17)(q10)[1].nuc ish(PDGFRB, FIP1)X2[200/200]	unknown	/
81	BM	MN	AML	46,XX,der(10)(10pter->10p14::11q12->11q23::10p12->10qter),der(11)(11pter->11q12::10p14->10p12::11q23->11qter)[11]/46,XX[2].nuc ish(KMT2AX2,5'KMT2Asep3'KMT2AX1)[91/100],(MLLT1,MLLT3,MLLT4,CBFB,MYH11,RUN X1,RUNX1T1)X2[200]	KMT2A -MLLT10	151
82	mo		AML	44,XY,dic(5;17)(q12;p11),del(7)(q22q36),dic(11;12)(p12;p12)[9].nuc ish(MECOM, RUNX1T1, KMT2A, CBFB, MYH11, RUNX1)X2[196/200]	NO	/
83	BM	Trizol	AML	46,XX,t(6;20)(q22;q12)[11]/56-58,XX,+2,+4,+8,+9,t(9;22)(q34;q11),+10,+11,+1,+18,+21,+22,+1-2mars[9]	unknown+ BCR-ABL1 e1a2	94
84	BM	Trizol	CML	46,XX,t(9;22)(q34;q11)[1]/ 47,idem,+8[20]/ 47,XX,+8[1]/ 46,XX[3]	BCR-ABL1 e14a2	39
85	PBL	Trizol	CML	46, XX,t(9;22)(q34;q11),t(11;16)(p12;q21)[14]/ 46, XX[6]	BCR-ABL1 e6a2	34
86	sg		SMP	NA	NO	/
87	PBL	Trizol	CML	46,XX,t(9;22)(q34;q11)[20]	BCR-ABL1 e1a3	40
88	PBL	MN	CML	46,XY,t(9;22)(q34;q11)[29]/47,idem,+8[3]	BCR-ABL1 e13a3	74
89	PBL	MN	CML	46,XY,t(9;22)(q34;q11)[20]	BCR-ABL1 e14a2	90
90	PBL	MN	CML	46,XX,t(9;22)(q34;q11)[20]	BCR-ABL1 e14a2	36
91	PBL	MN	CML	46,XX,t(9;22)(q34;q11)[20]	BCR-ABL1 e13a2	21
92	PBL	Trizol	CML	46,XX,t(9;22)(q34;q11)[20]	BCR-ABL1 e13a3	50
93	PBL	MN	CML	46,XX,t(9;22)(q34;q11)[17]/47,idem,+der(22)t(9;22)(q34;q11)[3]	BCR-ABL1 e19a2	48
94	PBL	Maxwell	CML	46,XY,t(9;22)(q34;q11)[20]	BCR-ABL1 e13a2	45
95	PBL	MN	CML	46,XX,t(9;22)(q34;q11)[9]/47,idem,+8[11]	BCR-ABL1 e19a2	23
96	PBL	MN	SHE	46,XY[20] nuc ish(PDGFR BX2)[200/200],(PDGFRalphaX2,CHIC2X1)[82/100]	FIP1-PDGFR	3
97	PBL	MN	CML	46,XY,t(9;22)(q34;q11)[16]/46,XY[4]	BCR-ABL1 e13a3	39
98	PBL	Maxwell	SHE	46,XY[20] nuc ish(FIP1L1X2,CHIC2X1)[68/100]	FIP1-PDGFR	30
99	PBL	Maxwell	SHE	46,XY[20].nuc ish(PDGFR A, PDGFRB, FGFR1)X2[200/200],(20q12X1,20q13X2)[41/200]	unknown	/
100	PBL	Maxwell	SMP	46,XY,t(12;14)(q22;q24)[20].nuc ish(FGFR1,ABL1,ETV6,BCR)X2[200]	unknown	/
101	PBL	MN	C1		biais batch	/
102	PBL	Trizol	C1		biais batch	/
105	PBL	MN	C2		biais batch	/
106	PBL	Trizol	C2		biais batch	/
108	PBL	MN	C3		biais batch	/
109	PBL	Trizol	C3		biais batch	/
111	PBL	MN	C4		biais batch	/
112	PBL	Trizol	C4		biais batch	/

113	BM	Trizol	BM1		<i>biais batch</i>	/
114	BM	Trizol	BM2		<i>biais batch</i>	/
115	BM	Trizol	BM3		<i>biais batch</i>	/