A novel classification of hematologic conditions in patients with Fanconi anemia

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Table S1. Follow-up examinations of FA patients (n=86). Recurrent cytogenetic aberrations relevant for classification are highlited in red.

FA-ID	Sex	Age at FA diagnosis (years)	comple-mentation group	HSCT (yes/no) ➔ if yes: age of HSCT (years)	death (yes/no) ➔ if yes: age of death (years)	Age at last follow up (years)	Age of trans-formation (years)	Blast count	Classifi-cation	Age at karyotype analysis (years)	Karyotype (ISCN)	Recurrent aberrations	Clonal evo-lution (yes/ no)
FA1	M	5	not known	yes (9)	no	13	-	<5% (BM) and <2% (PB)	FA-BMF	5	46,XY[20]	-	-
										7	46,XY[20].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										9	46,XY[15].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										9	nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),21q22(AML1x2)[100]		
FA2	M	6	FANCA	yes (7 and 11)	no	11	11	<5% (BM) and <2% (PB)	FA-MDS-non EB	7	47,XY,+?i(1)(q10),add(10)(p1?4)[4]/46,XY[11].nuc ish 1q23(PBX1x2-4),19p13 (TCF3x2)[100]	1q+; 3q+	yes
										11	47~49,XY,+add(1)(p34),dup(3)(q13q26),+9,del(11)(q?23),del(13)(q13q21),+19,+21[cp6]//46,XX[1]. nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										11	47~50,XY,+del(X)(q21q27),+add(1)(p34),dup(3)(q13q26),+9,add(9)(q21),add(10)(p14),del(11)(q?23), del(13)(q13q21),+18,+19,+21[cp20]		
										11	46,XY,inc[6].nuc ish cen9(CEP9x2),09p21(P16x2)[93/100]		
										11	48~50,XY,+add(1)(p34),dup(3)(q13q26),+9,del(11)(q?23),del(13)(q13q21),+19,+21[cp2]/46,XY[3]. nuc ish 9p21(P16x3),cen9(CEP9x3)[26/100],13q14(RB1x2),13q34(13q34x2)[100/100]		
FA3	M	2	FANCD1	no	yes (3)	3	3	≥5 to <20% (BM) or ≥2 to <20% (PB)	FA-MDS-EB	2	46,XY,del(7)(q21q31)[2]/46,XY,add(20(q13)[2]/46,XY[17].nuc ish cen7(CEP7x2),7q31(D7S486x2), cen8(CEP8x2),20q12(D20S108x2)[100]	7q-	yes
										3	46,XY,del(2)(q?14q?22),?t(6;11)(p24;q23),del(7)(q21q31),add(8)(q24),del(13)(q14q21),add(17)(p13) [cp20].nuc ish 3q26(EVI1x3)[37/100],11q23(MLLx2)(5'MLLsep3'MLLx1)[95/100], 17p13.1(P53x2),cen17(CEP17x2)[100/100],21q22 (AML1x2)[99/100]		
FA4	M	10	FANCA	no	no	16	-	<5% (BM) and <2% (PB)	FA-BMF	10	46,XY[20]	-	-
										11	46,XY[20].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										12	46,XY,inc[11].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										13	46,XY[20].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										14	46,XY[15].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[100/100], cen8(CEP8x2)[95/100]		
										15	46,XY[13].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[99/100], cen8(CEP8x2)[100/100],21q22(AML1x2)[99/100]		
										16	46,XY,inc[15].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[97/100]		
FA5	F	10	not known	no	no	20	-	<5% (BM) and <2% (PB)	FA-BMF	11	46,XX[15]	-	-
										12	46,XX[20]		
										13	46,XX[16].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										14	46,XX,inc[3].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										15	46,XX[20].nuc ish 3q26(EVI1x2),cen8(CEP8x2),cen7(CEP7x2),7q31(D7S486x2)[100]		
										16	46,XX[16].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										16	46,XX[20].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										18	46,XX[20].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										19	46,XX,inc[6].nuc ish 1p36(SRDx2),1q21(1q21x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[100/100], cen8(CEP8x2)[100/100]		
										20	46,XX[15].nuc ish 3q26(EVI1x2)[99/100],cen7(CEP7x2),7q31(D7S486x2)[100/100], cen8(CEP8x2)[99/100]		
FA6	F	13	FANCA	no	no	24	24	<5% (BM) and <2% (PB)	FA-MDS-non EB	13	46,XX[18].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]	1q+, 3q+	yes
										14	46,XX[15].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										16	46,XX,inc[10].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),3q26(EVI1x2)[100]		
										17	46,XX[16]		
										18	46,XX[5].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										19	46,XX[6].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),3q26(EVI1x2)[100]		
										20	46,XX[14].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										22	46,XX[15].nuc ish 3q26(EVI1x2)[96/100],cen7(CEP7x2),7q31(D7S486x2) [98/100],cen8(CEP8x2)[100/100]		
										22	46,XX,dup(1)(q23q42)[7]/46,XX[8]. nuc ish 3q26(EVI1x2)[99/100], cen7(CEP7x2),7q31(D7S486x2)[99/100],cen8(CEP8x2)[97/100]		
										23	46,XX,dup(1)(q23q41)[9]/46,XX[6]. nuc ish 3q26(EVI1x2)[99/100], cen7(CEP7x2),7q31(D7S486x2)[98/100],cen8(CEP8x2)[96/100]		
										23	46,XX,dup(1)(q23q41)[9]/46,XX[7].nuc ish 3q26(EVI1x2)[99/100], cen7(CEP7x2),7q31(D7S486x2)[99/100],cen8(CEP8x2)[98/100]		

									24	46,XX,dup(1)(q23q41)[5]/46,idem,der(22)t(3;22)(q26;p12)[5]/46,XX[5].ish der(22)t(3;22)(EVI1+)[4/13].nuc ish 3q26(EVI1x3)[16/100],cen7(CEP7x2),7q31(D7S486x2)[97/100],cen8(CEP8x2)[98/100],21q22 (AML1x2)[98/100]		
									24	46,XX,dup(1)(q23q41)[2]/46,idem,der(22)t(3;22)(q26;p12)[10]/46,XX[3].nuc ish 3q26(EVI1x3)[29/100]		
									24	46,XX,dup(1)(q23q41)[7]/46,idem,der(22)t(3;22)(q26;p12)[13].nuc ish 3q26(EVI1x3)[60/100]		
FA7	F	?	FANCP	no	no	6	-	<5% (BM) and <2% (PB)	FA-BMF	6	46,XX[10].nuc ish 3q26(EVI1x2)[100/100],3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2)[95/100],cen8(CEP8x2)[97/100]	-	-
FA8	F	?	FANCP	no	no	7	-	<5% (BM) and <2% (PB)	FA-BMF	7	46,XX[3].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),3q26(EVI1x2),21q22(AML1x2)[100]	-	-
FA9	F	4	not known	no	no	9	-	<5% (BM) and <2% (PB)	FA-BMF	4	46,XX[20].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)3q26(EVI1x2)[100]	-	-
										5	46,XX[17].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										6	46,XX[1].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										8	46,XY[15].nuc ish 3q26(EVI1x2)[100/100], cen7(CEP7x2),7q31(D7S486x2)[99/100],cen8(CEP8x2)[99/100]		
										8	46,XX[17].nuc ish 3q26(EVI1x2)[99/100], cen7(CEP7x2),7q31(D7S486x2)[100/100],cen8(CEP8x2)[100/100]		
										9	46,XX[15].nuc ish 3q26(EVI1x2)[100/100], cen7(CEP7x2),7q31(D7S486x2)[97/100],21q22(AML1x2)[99/100]		
FA10	M	?	FANCI	no	no	7	-	<5% (BM) and <2% (PB)	FA-BMF	7	46,XY[25].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),3q26(EVI1x2)[100]	-	-
FA11	M	2	FANCA	no	no	8	-	<5% (BM) and <2% (PB)	FA-BMF	2	46,XY[15].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]	-	-
										3	46,XY[20].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										3	46,XY[15].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										5	46,XY[16].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										6	46,XX[15].nuc ish 3q26(EVI1x2)[98/100], cen7(CEP7x2),7q31(D7S486x2)[100/100],cen8(CEP8x2)[100/100]		
										7	46,XY[15].nuc ish 3q26(EVI1x2)[100/100], cen7(CEP7x2),7q31(D7S486x2)[98/100],cen8(CEP8x2)[96/100]		
										8	46,XY[15].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[99/100],cen8(CEP8x2)[97/100],21q22(AML1x2)[99/100]		
FA12	M	12	FANCA	no	no	23	23	≥5 to <20% (BM) or ≥2 to <20% (PB)	FA-MDS-EB	12	46,XY[20].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]	1q+; 7q-	yes
										15	nuc ish 17p13.1(P53x2),cen17(CEP17x2)[100]		
										16	46,XY[20].nuc ish 16q22(CBFBx2)[100]		
										17	46,XY,der(13)t(1;13)(q12;p11)[2]/46,XY[18].nuc ish 1p36(SRDx2),1q21(1q21x2),3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										17	46,XY[15].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										18	47,XY,+8[1]/46,XY[25].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[100/100],cen8(CEP8x3)[9/100]		
										18	47,XY,+8[5]/46,XY[15].nuc ish cen8(CEP8x3)[11/100]		
										18	47,XY,+8[3]/46,XY [12].nuc ish cen8(CEP8x3)[14/100]		
										19	47,XY,+8[11]/46,XY[9].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[100/100],cen8(CEP8x3)[43/100]		
										19	47,XY,+8[4]/46,XY[13].nuc ish cen8(CEP8x3)[17/100]		
										20	47,XY,+8[4]/46,XY[16].nuc ish cen8(CEP8x3)[27/100]		
										20	47,XY,+8[3]/46,XY[12].nuc ish cen8(CEP8x3)[12/100]		
										21	47,XY,+8[6]/46,XY[9].nuc ish 3q26(EVI1x2)[99/100],cen7(CEP7x2), 7q31(D7S486x2)[93/100],cen8(CEP8x3)[42/100]		
										21	47,XY,+8[6]/46,XY[4].nuc ish cen7(CEP7x2),7q31(D7S486x2)[96/100],cen8(CEP8x3)[24/100]		
										22	46,XY[16].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[96/100],21q22 (AML1x2)[100/100]		
										23	46,XY,der(7)i(7)(q10)del(7)(q21q35),der(13)t(1;13)(q12;p11)[6]/46,XY[9].nuc ish 1p32(CKS1Bx2),1q21(CDKN2Cx3)[13/100],cen7(CEP7x2),7q31(D7S486x1)[13/100],cen8(CEP8x2)[95/100]		
FA13	M	2	FANCA	yes (9)	no	20	8	<5% (BM) and <2% (PB)	FA-MDS-non EB	9	45,XY,-7[16].nuc ish cen7(CEP7x1)[70/100]	-7	no
										9	45,XY,-7[15]		
										9	no metaphases.nuc ish cen7(CEP7x2)[100]		
										10	//46,XX[15].nuc ish cen7(CEP7x2)[100]		
										10	//46,XX[15].nuc ish cen7(CEP7x2)[100]		

									10	//46,XX[15].nuc ish cen7(CEP7x2)[100]	-7	no
									10	//46,XX[15].nuc ish cen7(CEP7x2),7q31(D7S486x2)[100]		
									10	//46,XX.nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
									15	//46,XX[20].nuc ish cen7 (CEP7x2)[100]		
									19	//46,XX[20].nuc ish cen7(CEP7x2)[100]		
FA14	F	5	FANCA	no	no	17	-	<5% (BM) and <2% (PB)	FA-BMF	4	46,XX[15]	-	-
										5	46,XX[15].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										6	46,XX[1].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										8	46,XX[1].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										9	46,XX[20]		
										10	46,XX[5].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										11	46,XX[13].nuc ish 5p15.2(5p15.2x2),5q31(EGR1x2),cen7(CEP7x2), 7q31(D7S486x2),cen8(CEP8x2),17p13.1(P53x2),20q12(D20S108x2),3q26(EVI1x2)[100]		
										12	46,XX[9].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										13	no metaphases.nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										14	46,XX[15].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										15	46,XX[15].nuc ish 3q26(EVI1x2)[98/100],cen7(CEP7x2),7q31(D7S486x2)[100/100],cen8(CEP8x2)[97/100]		
										16	46,XX[15].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[100/100],cen8(CEP8x2)[100/100]		
										17	46,XX,inc[4].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[98/100], cen8(CEP8x2)[98/100],21q22(AML1x2)[100/100]		
FA15	F	11	FANCA	yes (11)	no	13	-	<5% (BM) and <2% (PB)	FA-BMF	11	46,XX[15].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),3q26(EVI1x2)[100]	-	-
										11	46,XX[15].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),21q22(AML1x2)[100]		
FA19	M	16	FANCA	no	no	25	-	<5% (BM) and <2% (PB)	FA-BMF	20	46,XY,inc[2].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]	-	-
FA20	M	4	FANCA	no	no	6	-	<5% (BM) and <2% (PB)	FA-BMF	5	46,XY[7].nuc ish cen7(CEP7x2),cen8(CEP8x2)[100]	-	-
										5	46,XY[20].21q22(AML1x2)[100/100]		
										6	46,XY[15].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
FA21	M	2	FANCD2	yes (3)	no	17	-	<5% (BM) and <2% (PB)	FA-BMF	3	46,XY[15]	-	-
FA22	M	12	FANCA	no	no	21	-	<5% (BM) and <2% (PB)	FA-AIP	12	46,XY[20]	1q+	?yes
										14	46,XY[1].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										15	46,XY,der(22)t(1;22)(q12;p13)[10]/46,XY[5].nuc ish 1p36(SRDx2),1q21(1q21x3)[79/100]		
										16	46,XY,der(22)t(1;22)(q12;p13),inc[14]/46,XY[2].nuc ish 1p36(SRDx2),1q21(1q21x3)[13/100]		
										16	46,XY,der(22)t(1;22)(q12;p13)[16]/46,idem,?del(12)(p12p13)[2]/46,XY[2].nuc ish 1p36(SRDx2), 1q21(1q21x3)[40/100],12p13(TELx2)[100]		
										17	46,XY,der(22)t(1;22)(q12;p13)[5]/46,XY[8].nuc ish 1p36(SRDx2),1q21(1q21x3)[48/100]		
										18	46,XY,der(22)t(1;22)(q12;p13)[13]/46,XY[2].nuc ish 1p36(SRDx2),1q21(1q21x3)[80/100]		
										18	46,XY,der(22)t(1;22)(q12;p13)[2].nuc ish cen7(CEP7x2),7q31(D7S486x2)[100/100], cen8(CEP8x2)[100/100],3q26(EVI1x2)[100/100],1p36(SRDx2),1q21(1q21x3)[52/100]		
										20	46,XY,der(22)t(1;22)(q12;p13)[1].nuc ish 1p36(SRDx2),1q21(1q21x3)[80/100]		
										20	no metaphases.nuc ish 1p36(SRDx2),1q21(1q21x2)[100/100],21q22(AML1x2)[99/100]		
										20	46,XY,der(22)t(1;22)(q12;p13)[1].nuc ish 1p36(SRDx2),1q21(1q21x3)[58/100]		
										21	46,XY,der(22)t(1;22)(q12;p13)[1].nuc ish 1p36(SRDx2),1q21(1q21x3)[45/100]		
FA23	M	4	FANCB	no	no	7	-	<5% (BM) and <2% (PB)	FA-BMF	7	46,XY[20].nuc ish 21q22(AML1x2)[96/100]	-	-
FA25	F	4	FANCG	yes (9)	no	9	-	<5% (BM) and <2% (PB)	FA-AIP	4	46,XX[20].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]	6p-	no
										5	46,XX[20].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										7	46,XX[11]		
										8	46,XX,?del(6)(p23),inc[3]/46,XX,inc[12].nuc ish 3q26(EVI1x2)[93/100], cen7(CEP7x2),7q31(D7S486x2)[99/100],cen8(CEP8x2)[100/100]		
										8	46,XX,del(6)(p23),inc[3]/46,XX[18]		
										8	46,XX,inc[10].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[97/100], cen8(CEP8x2)[98/100],21q22(AML1x2)[100/100]		
FA26	F	14	FANCA	yes (18)	yes (18)	18	-	<5% (BM) and <2% (PB)	FA-AIP	18	46,XX,+1,der(1;15)(q10;q10)[5]/47,XX,+del(1)(p22p36)[4]/46,XX[6].nuc ish 1p36(SRDx2), 1q21(1q21x3)[60/100],cen7(CEP7x2),7q31(D7S486x2)[100/100],21q22(AML1x2)[100/100]	1q+	no

FA27	F	11	FANCC	yes (12)	no	17	11	≥20% (PB or BM)	FA-AML	11	46,XX,der(7)t(1;7)(q21;q31),der(16)t(9;16)(p12;p12)[20].nuc ish cen7(CEP7x2), 7q31(D7S486x2)[100/100],8q22(ETOx2),21q22(AML1x2)[100/100],9p21(P16x3),cen9(CEP9x2)[87/100], 11q23(MLLx2)[100/100],21q22 (AML1x2)[100/100]	1q+;7q-	yes ***1**
										11	46,XX,der(7)t(1;7)(q21;q31)[2]/46,idem,der(16)t(9;16)(p12;p12)[18]/46,XX[2].nuc ish 9p21(P16x3), cen9(CEP9x2)[77/100],11q23(MLLx2)[100/100],12p13(TELx2)[100/100],21q22 (AML1x2)[100/100]		
										13	46,XX[25].nuc ish 9p21(P16x2),cen9(CEP9x2)[100]		
FA28	M	8	not known	yes (9)	no	13	-	<5% (BM) and <2% (PB)	FA-BMF	9	46,XY[10].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2)[100]	-	-
FA29	M	16	FANCL	yes (16)	no	16	-	<5% (BM) and <2% (PB)	FA-BMF	16	46,XY[20].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),21q22(AML1x2)[100]	-	-
FA30	F	4	FANCA	yes (7)	no	12	-	<5% (BM) and <2% (PB)	FA-BMF	3	46,XX[20]	-	-
										4	46,XX[12].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
FA31	F	4	FANCA	yes (9)	no	9	-	<5% (BM) and <2% (PB)	FA-BMF	4	46,XX[15].nuc ish 3q26(EVI1x2),5p15.2(5p15.2x2),5q31(EGR1x2),cen7(CEP7x2),7q31(D7S486x2), cen8(CEP8x2)[100]	-	-
										5	46,XX[15].nuc ish 5p15.2(5p15.2x2),5q31(EGR1x2)100, cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										6	46,XX[1].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										7	46,XX[15].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										8	46,XX[5]		
										9	46,XX[15].nuc ish 21q22(AML1x2)[98/100]		
FA32	M	10	FANCA	yes (11)	no	15	-	<5% (BM) and <2% (PB)	FA-BMF	10	46,XY[15].nuc ish 21q22(AML1x2)[94/100]	-	-
FA34	F	0	FANCJ	no	no	16	-	<5% (BM) and <2% (PB)	FA-BMF	5	46,XX[15].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),3q26(EVI1x2)[100]	-	-
										6	46,XX[19].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),3q26(EVI1x2)[100]		
										8	46,XX[12].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										9	46,XX[21]		
										10	46,XX[16].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										11	46,XX[15].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),3q26(EVI1x2)[100]		
										14	46,XX[15].nuc ish 3q26(EVI1x2)[100/100], cen7(CEP7x2),7q31(D7S486x2)[98/100],cen8(CEP8x2)[96/100]		
										15	46,XX[16].nuc ish 3q26(EVI1x2)[98/100], cen7(CEP7x2),7q31(D7S486x2)[99/100],cen8(CEP8x2)[100/100]		
										16	46,XX[15].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[98/100], cen8(CEP8x2)[100/100],21q22(AML1x2)[99/100]		
FA35	M	10	FANCA	yes (14)	no	14	-	<5% (BM) and <2% (PB)	FA-AIP	10	46,XY[15].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]	7p-	no
										11	46,XY[20].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										13	46,XY[15].nuc ish 3q26(EVI1x2)[96/100], cen7(CEP7x2),7q31(D7S486x2)[97/100],cen8(CEP8x2)[97/100]		
										14	46,XY,del(7)(p12)[4]/46,XY[16].nuc ish 3q26(EVI1x2)[100/100], cen7(CEP7x2),7q31(D7S486x2)[99/100],cen8(CEP8x2)[99/100]		
										14	46,XY,r(7)(p?q?)[2]/46,XY,del(7)(p12)[2]/46,XY,dup(19)(q11q13)[2]/46,XY[16].ish r(7)(D7Z1+,D7S5486+)[2].nuc ish 3q26(EVI1x2)[98/100], cen7(CEP7x2),7q31(D7S486x2)[98/100],cen8(CEP8x2)[97/100]		
										14	46,XY,add(19)(q13)[2]/46,XY,r(7)(p?q?)[1]/46,XY[13].nuc ish cen7(CEP7x2),7q31(D7S486x2)[97/100], 21q22(AML1x2)[100/100]		
FA36	F	5	FANCA	no	no	15	-	<5% (BM) and <2% (PB)	FA-BMF	10	46,XX,inc[15]	-	-
										11	46,XX[7].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),3q26(EVI1x2)[100]		
										14	46,XX[15].nuc ish 3q26(EVI1x2)[99/100],ceb7(CEP7x2),7q31(D7S486x2)[100/100], cen8(CEP8x2)[99/100],21q22(AML1x2)[100/100]		
FA39	M	6	not known	no	yes (12)	12	12	≥20% (PB or BM)	FA-AML	6	46,XY[20].nuc ish cenX(CEPx1),cenY(CEPYx1)[100]	3q+; 7q-	no
										12	46,XY,del(7)(q21q33),der(19)t(3;19)(q24;p13)[15].nuc ish 3q26(EVI1x3)[56/100], cen7(CEP7x2),7q31(D7S486x1)[80/100],cen8(CEP8x2)[100/100]		
FA40	F	6	FANCA	yes (8)	no	10	-	<5% (BM) and <2% (PB)	FA-BMF	6	46,XX[15].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),3q26(EVI1x2)[100]	-	-
										7	46,XX[21].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										8	46,XX[20].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),21q22(AML1x2)[100]		

FA41	F	5	FANCD2	yes (6)	no	10	-	<5% (BM) and <2% (PB)	FA-BMF	5 5	46,XX[15].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XX[15].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2), 3q26(EVI1x2)[100],21q22(AML1x2)[97/100]	-	-
FA42	M	15	FANCT	no	no	18	-	<5% (BM) and <2% (PB)	FA-BMF	17 18	46,XY[15].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XY,inc[15].nuc ish 3q26(EVI1x2)[99/100], cen7(CEP7x2),7q31(D7S486x2)[100/100],cen8(CEP8x2)[97/100]	-	-
FA43	F	10	FANCC	yes (42)	yes (43)	43	42	≥20% (PB or BM)	FA-AML	42	46,XX,del(6)(p22),der(7)t(?6;7)(p22;p21)t(1;7)(p21;q31),t(15;18)(q24;q22)[13]/47,idem,+13[2]. nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),11q23(MLLx2)[100]	6p-; 7q-	yes **2**
FA44	M	9	FANCA	yes (15)	no	17	-	<5% (BM) and <2% (PB)	FA-BMF	14	46,XY[15].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),3q26(EVI1x2),21q22(AML1x2)[100]	-	-
FA45	F	11	FANCA	yes (16)	no	16	-	<5% (BM) and <2% (PB)	FA-AIP	13 15 16	46,XX[15].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),3q26(EVI1x2)[100] 46,XX,del(11)(q14q23)[14]/46,XX[6].nuc ish 3q26(EVI1x2)[98/100],cen7(CEP7x2), 7q31(D7S486x2)[100/100],cen8(CEP8x2)[98/100],11q23(MLLx1)[64/100] 46,XX,del(11)(q14q23)[3]/47,idem,+21[3]/46,XX[14].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2), 7q31(D7S486x2)[100/100],cen8(CEP8x2)[98x2)[98/100],11q23(MLLx1)[73/100],21q22(AML1x2)[100/100]	11q-; +21	yes
FA46	M	4	FANCA	no	no	19				10 11 12 13 14 15 17 18 18 18 19	46,XY[17].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XY[16].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XY[18].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XY[20] 46,XY[15] 46,XY[15] 46,XY[15].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XY[20].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),21q22(AML1x2)[100] 46,XY[15].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),3q26(EVI1x2)[100] 46,XY[15].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),3q26(EVI1x2)[100] 46,XY[20].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]	-	*3 -
FA47	F	13	FANCA	yes (13)	yes (14)	14	-	<5% (BM) and <2% (PB)	FA-AIP	13 13	46,XX,der(6)t(1;6)(q21;p22)[10]/46,XX[10].nuc ish 1p36(SRDx2),1q21(1q21x3)[29/100], cen7(CEP7x2),7q31(D7S486x2)[100/100],cen8(CEP8x2)[100/100],21q22(AML1x2)[99/100] 46,XX,der(6)t(1;6)(q21;p22)[6]/46,XX[14].nuc ish 1p36(SRDx2),1q21(1q21x2)[100]	1q+; 6p-	no *4*
FA48	F	2	FANCA	no	no	7		<5% (BM) and <2% (PB)	FA-BMF	4 5 6	46,XY[15].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),21q22(AML1x2)[100] 46,XY[15].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] no metaphases.nuc ish cen7(CEP7x2),7q31(D7S486x2)[99/100],cen8(CEP8x2)[97/100]		
FA49	F	2	FANCA	yes (6)	yes (6)	12	-	<5% (BM) and <2% (PB)	FA-BMF	2 2 2 6	46,XX[20].nuc ish 21q22(AML1x2)[100] 46,XX[20].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XX[20].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XX[15].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),21q22(AML1x2)[100]	-	-
FA50	M	1	FANCA	no	no	21	-	<5% (BM) and <2% (PB)	FA-BMF	16 17 18 19 21	46,XY[15].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XY[15].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] no metaphases.nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2), 3q26(EVI1x2),5p15.2(5p15.2x2),5q31(EGR1x2)[100] 46,XY,inc[7].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XY[15]	-	-
FA51	F	7	FANCA	no	no	11	-	<5% (BM) and <2% (PB)	FA-BMF	7 7 8 9 10 11	46,XX[22].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XX[13].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XX[20].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XX[15].nuc ish 3q26(EVI1x2)[98/100],cen7(CEP7x2),7q31(D7S486x2)[99/100], cen8(CEP8x2)[98/100],21q22(AML1x2)[100/100] 46,XX,inc[2].nuc ish 1p36(SRDx2),1q21(1q21x2)[98/100],3q26(EVI1x2)[100/100],cen7(CEP7x2), 7q31(D7S486x2)[99/100],cen8(CEP8x2)[99/100] 46,XX,inc[4].nuc ish 3q26(EVI1x2)[100/100]	-	-
FA52	M	10	FANCC	no	no	23	-	<5% (BM) and <2% (PB)	FA-BMF	10 10 10	46,XY[20] 46,XY[15] 46,XY[8].nuc ish cen7(CEP7x2),7q31(D7S522x2)[100]	-	-
FA53	M	?	FANCA	?	?	15	-	<5% (BM) and <2% (PB)	FA-BMF	11 15	46,XY[20] 46,XY[20].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]	-	-
FA54	F	1 month	FANCL	yes (4)	no	4	4	<5% (BM) and <2% (PB)	FA-MDS-non EB	4 4	46,XX,add(7)(q21),add(18)(p11)[15].nuc ish cen7(CEP7x2),7q31(D7S486x1)[92/100],cen8(CEP8x2)[100/100] 46,XX,der(7)t(3;7)(q13;q11),add(18)(p11)[15]. nuc ish 3q26(EVI1x3)[46/100],cen7(CEP7x2),7q31(D7S486x1)[94/100]	3q+; 7q-	no

FA55	F	4	FANCC	yes (5)	no	5	-	<5% (BM) and <2% (PB)	FA-BMF	4 4 5	46,XX[17].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),21q22(AML1x2)[100] 46,XX,inc[5].nuc ish cenX(CEPXx2),3q26(EVI1x2), cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] no metaphases.nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]	-	-
FA56	M	6	not known	yes (7)	no	9	-	<5% (BM) and <2% (PB)	FA-BMF	5 7 7 7	46,XY,inc[3].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2), cen8(CEP8x2),21q22(RUNX1x2)[100] 46,XY,inc[4].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XY[10].nuc ish 3q26(EVI1x3),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XY[5].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),21q22(AML1x2)[100]	-	-
FA57	M	4	FANCD2	yes (7)	no	18	-	<5% (BM) and <2% (PB)	FA-BMF	6	46,XY[20]	-	-
FA58	M	6	FANCA	yes (9)	no	9	-	<5% (BM) and <2% (PB)	FA-BMF	9 9	46,XY[16].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),21q22(AML1x2)[100] no metaphases.nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]	-	-
FA59	M	11	FANCA	yes (15)	no	15	14	<5% (BM) and <2% (PB)	FA-MDS-non EB	11 11 12 13 14	46,XY[20].nuc ish 3q26(EVIx2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XY[20] 46,XY[20].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100/100] 46,XY[15].nuc ish 3q26(EVI1x2)[99/100],cen7(CEP7x2),7q31(D7S486x2)[99/100],cen8(CEP8x2)[99/100] 45,XY,-7[9]/46,XY[6].nuc ish 3q26(EVI1x2)[98/100],cen7(CEP7x1), 7q31(D7S486x1)[13/100],cen8(CEP8x2)[99/100],21q22 (AML1x2)[96/100]	-7	no
FA60	F	11	not known	no	no	13	-	<5% (BM) and <2% (PB)	FA-BMF	11 11	46,XX[15].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XX[15].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]	-	-
FA61	M	11	not known	yes (17)	yes (18)	18	17	≥20% (PB or BM)	FA-AML	17 17 17 18	45,XY,-7 [20]/46,XY[1].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x1),7q31(D7S486x1)[93/100], 8q22(ETOx2),21q22(AML1x2)[100/100],11q23(MLLx2)[100/100],16q22(CBFBx2)[100/100], 17q21.1(RARAx2)[100/100] 45,XY,-7[17]/44,idem,-18[3] 45,XY,-7[19]/45,idem,?add(17)(q24)[2]/45,idem,?del(12)(p11p12)[4]. nuc ish cen7(CEP7x1),7q31(D7S486x1)[100/100],12p13(TELx2)[100/100],21q22 (AML1x2)[100/100] no metaphases.nuc ish cen7(CEP7x1),7q31(D7S486x1)[16/20] 45,XY,-7 [7]//46,XX [8].nuc ish cen7(CEP7x1),7q31(D7S486x1)[13/100]	-7	yes
FA62	M	10	FANCA	yes (10)	no	17	-	<5% (BM) and <2% (PB)	FA-BMF	10	46,XY[6].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]	-	-
FA63	M	8	not known	yes (11)	no	9	-	<5% (BM) and <2% (PB)	FA-BMF	8 8	46,XY[22].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XY[20].nuc ish 3q26(EVI1x2)[100/100],21q22(AML1x2)[99/100]	-	-
FA64	F	4	FANCA	yes (7)	no	9	-	<5% (BM) and <2% (PB)	FA-BMF	4	46,XX [20].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]	-	-
FA65	M	5	FANCC	no	no	6	-	<5% (BM) and <2% (PB)	FA-BMF	5 6	46,XY[20].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100],21q22(AML1x2)[100/100] 46,XY,inc[1].nuc ish 1p36(SRDx2),1q21(1q21x2)[100/100],3q26(EVI1x2)[100/100], cen7(CEP7x2),7q31(D7S486x2)[100/100],cen8(CEP8x2)[96/100]	-	-
FA66	F	10	not known	yes (10)	no	10	-	<5% (BM) and <2% (PB)	FA-BMF	10 10	46,XX[1].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XX[1].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2), cen8(CEP8x2)[100],21q22(AML1x2)[100/100]	-	-
FA67	F	?	FANCA	no	no	12	-	<5% (BM) and <2% (PB)	FA-BMF	9 10 11 12	46,XX[20].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XX,inc[8].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] no metaphases.nuc ish cen7(CEP7x2),7q31(D7S486x2)[99/100],cen8(CEP8x2)[97/100] 46,XX[15].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[98/100], cen8(CEP8x2)[98/100]	-	-
FA69	M	8	not known	no	no	8	-	<5% (BM) and <2% (PB)	FA-BMF	8	46,XY[17].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]	-	-
FA70	M	8	not known	no	no	12	?	<5% (BM) and <2% (PB)	FA-MDS-non EB	8 12	47,XY,+der(1;5)(q10;p10),t(1;5)(q10;p10)[6]/48,idem,+8[9].nuc ish 1p36(SRDx2),1q21(1q21x3)[95/100], 5p15.2(5p15.2x3),5q31(EGR1x2)[88/100],cen7(CEP7x2),7q31(D7S486x2)[100/100], cen8(CEP8x3)[35/100], 21q22(5'AML1x1,3'AML1x2)(5'AML1 con 3'AML1x1)[75/100] 48,XY,+der(1;5)(q10;p10),t(1;5)(q10;p10),+8[2]/48,idem,add(2)(p16)[10]/48,idem,del(11)(q14)[6]/49,idem,del(11)(q14),+19[2].nuc ish 1p32(CKS1Bx2),1q21(CDKN2Cx3)[52/100],3q26(EVI1x3)[53/100],cen8(CEP8x3)[85/100],21q22(5'AML1x1,3'AML1x2)(5'AML1 con 3'AML1x1)[69/100]	1q+;3q+;+8; *RUNX1* (*AML1*) abnormality	yes

FA72	M	4	not known	yes (6)	no	6	-	<5% (BM) and <2% (PB)	FA-BMF	4 6 6	46,XY[18].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XY[15].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x)[99/100], cen8(CEP8x2)[100/100],21q22(AML1x2)[100/100] //46,XX[20].nuc ish 3q26(EVI1x2)[99/100], cen7(CEP7x2),7q31(D7S486x2)[100/100],cen8(CEP8x2)[99/100]	-	-
FA74	F	1	FANCD2	no	no	6	-	<5% (BM) and <2% (PB)	FA-BMF	6	46,XX[20].nuc ish 21q22(AML1x2)[99/100]	-	-
FA75	M	3	FANCA	no	no	7	-	<5% (BM) and <2% (PB)	FA-BMF	4 4 5 6 7	46,XY[15].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XY[15].nuc ish 3q26(EVI1x2)[100/100], cen7(CEP7x2),7q31(D7S486x2)[100/100],cen8(CEP8x2)[100/100] 46,XY,inc[1].nuc ish 1p36(SRDx2),1q21(1q21x2)[99/100],cen7(CEP7x2),7q31(D7S486x2)[99/100], cen8(CEP8x2)[99/100] 46,XY[20].nuc ish 3q26(EVI1x2)[100/100], cen7(CEP7x2),7q31(D7S486x2)[100/100],cen8(CEP8x2)[99/100] 46,XY[15].nuc ish 3q26(EVI1x2)[99/100],cen7(CEP7x2),7q31(D7S486x2)[100/100], cen8(CEP8x2)[96/100],21q22(AML1x2)[98/100]	-	-
FA76	M	1	FANCB	yes (4)	no	5	?	≥20% (PB or BM)	FA-AML	4 4 4 5 5 5 5	46,XX,?ins(7;7)(q31;q31q35)[5]/46,XY[10]. nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[94/100],cen8(CEP8x2)[97/100] 46,XX,ins(7;7)(q31;q31q35)[5]/46,XY[10].ish ins(7;7)(q31;q31q35) (CEP7+,D7S486+;CEP7+,D7S486+)[5/7].nuc ish 3q26(EVI1x2)[100/100], cen7(CEP7x2),7q31(D7S486x2)[94/100],cen8(CEP8x2)[97/100] //46,XX[17]/46,XY,ins(7;7)(q31;q31q35)[1]/46,XY[3] //46,XX[17]/46,XY,ins(7;7)(q31;q31q35)[1]/46,XY[3].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2), 7q31(D7S486x2)[100/100],cen8(CEP8x2)[96/100],21q22(AML1x2)(5'AML1 sep 3'AML1x1)[46/100] //46,XX[1]/46,XY,ins(7;7)(q31;q31q35)[6]/46,XY[8] 46,XY,ins(7;7)(q31;q31q35),inc[2]/46,XY,inc[17]//46,XX,inc[1]. nuc ish 3q26(EVI1x2)[100/100],11q23(MLLx2)[96/100],16q22(CBFBx2)[99/100],17q21.1(RARAx2)[98/100] //46,XX[15] //46,XX[15]	cryptic *RUNX1* (*AML1*) aberration	no
FA77	M	0.3	FANCC	no	no	18	-	<5% (BM) and <2% (PB)	FA-AIP	13 14 14 15 16 16 17 18	46,XY,del(7)(p12p21)[12]/46,XY[8].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XY,del(7)(p12p21)[3]/46,XY [4].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),3q26(EVI1x2)[100] 46,XY,inc[2].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XY,del(7)(p12p21)[12]/46,XY[8].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XY,del(7)(p12p21)[8]/46,XY[7].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2), 7q31(D7S486x2)[98/100],cen8(CEP8x2)[96/100] 46,XY,del(7)(p12p21)[5]/46,XY[2].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2), 7q31(D7S486x2)[99/100],cen8(CEP8x2)[100/100] 46,XY,del(7)(p12p21)[11]/46,XY[4].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2), 7q31(D7S486x2)[99/100],cen8(CEP8x2)[98/100] 46,XY,del(7)(p12p21)[10]/46,XY[5].nuc ish 3q26(EVI1x2)[1010/100],cen7(CEP7x2), 7q31(D7S486x2)[96/100],cen8(CEP8x2)[97/100],21q22(AML1x2)[98/100]	7p-	no
FA79	F	10	FANCA	yes (11)	no	12	10	<5% (BM) and <2% (PB)	FA-MDS-non EB	10 11 11 11 11 12 12 12 12	47,X,add(X)(p22),+der(1)add(1)(p12)dup(1)(q12q43),der(3)t(3;?3)(p26;?q24)x2,der(11)t(3;11)(q24;p15), der(15)t(3;15)(q24;q26)[cp15].nuc ish 1p36(SRDx2),1q21(1q21x3~4)[75/100],1p36(SRDx4), 1q21(1q21x4)[14/100],3q26(EVI1x3~6)[95/100],cen7(CEP7x2),7q31(D7S486x2)[99/100], cen8(CEP8x2)[100/100],21q22(AML1x2)[99/100] 47,X,add(X)(p22),+der(1)add(1)(p12)dup(1)(q12q43),der(3)t(3;?3)(p26;?q24)x2, der(11)t(3;11)(q24;p15),der(15)t(3;15)(q24;q26)[cp15].nuc ish 1p36(SRDx2),1q21(1q21x3~4)[96/100], 3q26(EVI1x3~5)[89/100] 46,XX,inc[7].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[97/100],cen8(CEP8x2)[99/100] 46,XX[15].nuc ish 1p36(SRDx2),1q21(1q21x2)[100/100],3q26(EVI1x2)[100/100] 46,XX,del(20)(q12q13)[7]/46,XX[8].nuc ish 3q26(EVI1x2)[100/100],20q12(D20S108x1)[28/100] 46,XX,del(20)(q12q13)[1]/46,XX[18].nuc ish 7q34(TCRBx2)[99/100],20q12(D20S108x1)[14/100] 46;XX,del(20)(q12q13)[10]/46,XX[5].nuc ish 20q12(D20S108x1)[58/100],7q34(TCRBx2)[100/100] 46,XX,inc[7].nuc ish 20q12(D20S108x1)[53/100] no metaphases.nuc ish 20q12(D20S108x1)[74/100]	1q+; 3q+	no

FA80	M	5	FANCA	no	no	7	-	<5% (BM) and <2% (PB)	FA-BMF	7	46,XY[15].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[99/100],cen8(CEP8x2)[100/100], 21q22(AML1x2)[96/100]	-	-
FA82	M	?	FANCA	no	no	2	-	<5% (BM) and <2% (PB)	FA-BMF	1	46,XX[16].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[97/100], cen8(CEP8x2)[95/100]	-	-
										2	46,XY[10].nuc ish 3q26(EVI1x2)[99/100],cen7(CEP7x2),7q31(D7S486x2)[96/100], cen8(CEP8x2)[98/100], 21q22(AML1x2)[99/100]		
FA83	F	2	FANCC	yes (4)	no	4	-	<5% (BM) and <2% (PB)	FA-BMF	4	46,XX,inc[10].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[100/100], cen8(CEP8x2)[97/100]	-	-
										4	46,XX,inc[2]		
FA84	M	5	FANCP	no	no	18	-	<5% (BM) and <2% (PB)	FA-AIP	6	46,XY[15]	1q+	no
										16	46,XY,+1,dic(1;18)(p11;q22)[3]/46,XY[13].nuc ish 1p36(SRDx2),1q21(1q21x3)[10/100], 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[99/100],cen8(CEP8x2)[100/100]		
										17	46,XY,+1,dic(1;18)(p11;q22)[3]/46,XY[8].nuc ish 1p36(SRDx2),1q21(1q21x3)[16/100]		
										18	46,XY[15].nuc ish 1p36(SRDx2),1q21(1q21x3)[3/100],3q26(EVI1x2)[99/100],cen7(CEP7x2), 7q31(D7S486x2)[97/100],cen8(CEP8x2)[96/100],21q22(AML1x2)[99/100]		
FA85	F	?	FANCJ	no	no	23	-	<5% (BM) and <2% (PB)	FA-BMF	20	46,XX[2].nuc ish 3q26(EVI1x2),8q22(ETOx2),21q22(AML1x2),11q23(MLLx2), 16q22(CBFBx2),17q21.1(RARAx2)[100]	-	-
										21	46,XX[15].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										22	46,XX[21].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										23	46,XY[20].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2), cen8(CEP8x2)[100],21q22(AML1x2)[98/100]		
FA86	F	?	FANCC	no	no	33	-	<5% (BM) and <2% (PB)	FA-AIP	32	46,XX,der(1)t(1;1)(p36;q24)[8]/47,XX,+9[4]/46,XX[3].nuc ish 1p36(SRDx2),1q21(1q21x3)[53/100], 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[99/100],cen8(CEP8x2)[100/100], 21q22(AML1x2)[100/100]	1q+	no
FA87	M	12	not known	no	no	14	-	<5% (BM) and <2% (PB)	FA-AIP	11	46,XY[15].nuc ish 1p36(SRDx2),1q21(1q21x3)[2/100],3q26(EVI1x2)[96/100], cen7(CEP7x2),7q31(D7S486x2)[100/100],cen8(CEP8x2)[100/100]	1q+; 7p-	no
										12	46,XY[15].nuc ish 3q26(EVI1x2)[96/100],cen7(CEP7x2),7q31(D7S486x2)[100/100],cen8(CEP8x2)[100/100]		
										12	46,XY[15].nuc ish 1p36(SRDx2),1q21(1q21x3)[2/100],3q26(EVI1x2)[96/100], cen7(CEP7x2),7q31(D7S486x2)[100/100],cen8(CEP8x2)[100/100]		
										13	46,XY,dup(1)(q21q43),inc[2]/46,XY,inc[7].nuc ish 3q26(EVI1x2)[98/100],cen7(CEP7x2), 7q31(D7S486x2)[99/100],cen8(CEP8x2)[99/100]		
										13	46,XY,del(13)(q14q31)[2]/46,XY[13].nuc ish 1p36(SRDx2),1q21(1q21x2)[97/100], 13q14(D13S319x2),13q34(13q34x2)[94/100]		
										14	46,XY,del(13)(q14q31)[2]/46,XY[18].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[99/100]		
										14	46,XY,der(7)t(1;7)(?;p11)[3]/46,XY[12].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2), 7q31(D7S486x2)[100/100],cen8(CEP8x2)[99/100]		
										14	46,XY,del(13)(q14q31)[2]/46,XY[14].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2), 7q31(D7S486x2)[98/100],21q22(AML1x2)[98/100]		
										14	46,XY,del(13)(q14q31)[2]/46,XY,dup(1)(q21q43)[2]/46,XY[11].nuc ish 1p36(SRDx2),1q21(1q21x2)[100/100], 3q26(EVI1x2)[99/100],cen7(CEP7x2),7q31(D7S486x2)[99/100],cen8(CEP8x2)[96/100]		
FA89	M	?	FANCA	?	no	20	20	<5% (BM) and <2% (PB)	FA-MDS-non EB	9	46,XY[9].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]	3q+; 7q-	no
										20	46,XY,der(7)t(3;7)(q22;q31)[15].nuc ish 3q26(EVI1x3)[93/100], cen7(CEP7x2),7q31(D7S486x1)[96/100],cen8(CEP8x2)[100/100],21q22 (AML1x2)[100/100]		
										20	46,XY[15].nuc ish 3q26(EVI1x2)[99/100],cen7(CEP7x2),7q31(D7S486x2)[99/100]		
FA90	F	12	not known	no	no	13	-	<5% (BM) and <2% (PB)	FA-BMF	12	46,XX[15].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100],21q22(AML1x2)[100/100]	-	-
										13	no metaphases.nuc ish cen7(CEP7x2),7q31(D7S486x2)[99/100],cen8(CEP8x2)[96/100]		
FA91	M	7	FANCA	yes (16)	no	16	-	<5% (BM) and <2% (PB)	FA-BMF	7	46,XY[7].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]	-	-
										8	46,XY[15].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
										16	46,XY,inc[15].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[95/100], cen8(CEP8x2)[92/100]		
										16	46,XX[20].nuc ish 3q26(EVIx2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[100/100], cen8(CEP8x2)[100/100]		
FA92	M	25	not known	no	no	25	-	<5% (BM) and <2% (PB)	FA-BMF	25	46,XY[16].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[96/100], cen8(CEP8x2)[100/100],21q22(AML1x2)[95/100]	-	-
FA94	F	?	not known	no	no	32	-	<5% (BM) and <2% (PB)	FA-BMF	32	46,XX[15].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[95/100], cen8(CEP8x2)[97/100]	-	-

FA95	M	?	FANCA	yes (11)	no	12	-	<5% (BM) and <2% (PB)	FA-BMF	9 9 10 10 11	46,XY,inc[10] 46,XY[20],.nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100] 46,XY[15] 46,XY[20] 46,XY[15].nuc ish 21q22(AML1x2)[100/100]	-	-
FA97	M	9	not known	yes (9)	no	9	-	<5% (BM) and <2% (PB)	FA-BMF	8 9 9	no metaphases.nuc ish cen7(CEP7x2),7q31(D7S486x2)[97/100] 46,XY[15].nuc ish cen7(CEP7x2),7q31(D7S486x2)[98/100], cen8(CEP8x2)[95/100],21q22(AML1x2)[99/100] 46,XY[15].nuc ish 3q26(EVI1x2)[100/100],cen7(CEP7x2),7q31(D7S486x2)[98/100], cen8(CEP8x2)[95/100],21q22(AML1x2)[99/100]	-	-
FA99	F	11	FANCA	?	?	12	-	<5% (BM) and <2% (PB)	FA-BMF	12	46,XX[20].nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2),21q22(AML1x2)[100]	-	-
FA100	M	13	FANCA	?	?	13	-	<5% (BM) and <2% (PB)	FA-BMF	13	46,XY,inc[12].nuc ish cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100],21q22(AML1x2)[96/100]	-	-
FA102	M	?	not known	yes (17)	no	17	-	<5% (BM) and <2% (PB)	FA-BMF	16 16	46,XY,inc[17].nuc ish 9q34(ABL1x2),22q11(BCRx2)[98/100],11q23(MLLx2)[100/100],12p13(ETV6x2), 21q22(RUNX1x2)[98/100],19p13(E2Ax2)[95/100],21q22(AML1x2)[100/100] 46,XY[15].nuc ish cen7(CEP7x2),7q31(D7S486x2)[99/100],cen8(CEP8x2)[98/100]	-	-
FA108	F	?	FANCA	?	no	16	-	<5% (BM) and <2% (PB)	FA-BMF	15	46,XX[1].nuc ish cen7(CEP7x2),7q31(D7S486x2)[97/100],cen8(CEP8x2)[99/100]	-	-
FA130	F	?	not known	no	no	13	-	<5% (BM) and <2% (PB)	no categoriza-tion possible	12 12 13 13	46,XX[15].nuc ish cen7(CEP7x2),7q31(D7S486x2)[100/100],cen8(CEP8x2)[100/100] 46,XX[15].nuc ish 3q26(EVI1x2)[100/100] 46,XX,der(7)t(?3;7)(q26;q21)[2]/46,XX[13].nuc ish 3q26(EVI1x3)[4/100],cen7(CEP7x2), 7q31(D7S486x2)[100/100],cen8(CEP8x2)[100/100] 46,XX[20].nuc ish 3q26(EVI1x2)[99/100],21q22(AML1x2)[100/100]	3q+,7q-	no

*1 pathogenic variant in *RUNX1* (Chao MM et al. Mutational Spectrum of Fanconi… Klin Padiatr 2017; 229:329-334)
*2 pathogenic variant in *RUNX1* (Chao MM et al. Mutational Spectrum of Fanconi… Klin Padiatr 2017; 229:329-334)
*3 pathogenic variant in *SF3B1* (Chao MM et al. Mutational Spectrum of Fanconi… Klin Padiatr 2017; 229:329-334); MDS with ring sideroblasts: patient not included in this study
*4 pathogenic variant in *RUNX1*

Table S2. Chromosomal aberrations in the 86 FA patients

chromosomal aberration	all patients with FA (n= 86)	myeloid neoplasia (n= 15)	FA-AIP (n= 10)	P-value*
karyotype				
Normal	60/86 (70%)	0/15	0/10	
Abnormal	26/86 (30%)	15/15 (100%)	10/10 (100%)	<0.05
∟Complex	5/86 (6%)	5/15 (33%)	0/10	<0.05
recurrent aberration				
1q+ isolated	5/86 (6%)	0/15	5/10 (50%)	ns
1q+ and 3q+	3/86 (3%)	3/15 (20%)	0/10	<0.05
1q+ and 6p-	1/86 (1%)	0/15	1/10 (10%)	ns
1q+ and 7q-	2/86 (2%)	2/15 (13%)	0/10	<0.05
1q+, 3q+, +8 and *RUNX1* (*AML1*) aberration	1/86 (1%)	1/15 (7%)	0/10	ns
3q+ and 7q-	4/86 (5%)	4/15 (27%)	0/10	<0.05
6p- isolated	1/86 (1%)	0/15	1/10 (10%)	ns
7p- isolated	3/86 (3%)	0/15	3/10 (30%)	ns
7q- isolated	1/86 (1%)	1/15 (7%)	0/10	ns
7q- and 6p-	1/86 (1%)	1/15 (7%)	0/10	ns
-7 isolated	3/86 (3%)	3/15 (20%)	0/10	<0.05
11q- and +21	1/86 (1%)	0/15	1/10 (10%)	ns
RUNX1 (*AML1*) aberration	1/86 (1%)	1/15 (7%)	0/10	ns
clonal evolution	9/86 (10%)	8/15 (53%)	1/10 (10%)	<0.05

* Fisher´s exact test

Karyotype (ISCN) at time point of last cytogenic examination (FA-BMF), at time point of transformation (FA-MDS-non EB, FA-MDS-EB, FA-AML) or at time point/s of last cytogenetic examination with recurrent aberrations (FA-AIP)

Table S3. Overview of laboratory results of FA patients (n=86). Karyotype (ISCN) relevant for classification is highlited in bold.

		<5% blasts in BM and <2% blasts in PB			≥5 to <20% blasts in BM or ≥2 to <20% blasts in PB	≥20% blasts in PB or BM			
FA-ID	**Sex**	**FA-BMF**	**FA-AIP**	**FA-MDS-non EB**	**FA-MDS-EB**	**FA-AML**	**Age at karyotype analysis (years)**	**Karyotype (ISCN)***	**recurrent aberrations**
FA1	M	X					9	46,XY[15]	
FA2	M			X			11	**47~49,XY,+add(1)(p34),dup(3)(q13q26),+9,del(11)(q?23),del(13)(q13q21),+19,+21[cp6]//46,XX[1]**	1q+; 3q+
FA3	M				X		2	**46,XY,del(7)(q21q31)[2]/46,XY,add(20(q13)[2]/46,XY[17]**	7q-
FA4	M	X					16	46,XY,inc[15]	
FA5	F	X					20	46,XX[15]	
FA6	F			X			24	**46,XX,dup(1)(q23q41)[5]/46,idem,der(22)t(3;22)(q26;p12)[5]/46,XX[5].nuc ish 3q26(EVI1x3)[16/100]**	1q+, 3q+
FA7	F	X					6	46,XX[10]	
FA8	F	X					7	46,XX[3]	
FA9	F	X					9	46,XX[15]	
FA10	M	X					7	46,XY[25]	
FA11	M	X					8	46,XY[15]	
FA12	M				X		23	**46,XY,der(7)i(7)(q10)del(7)(q21q35),der(13)t(1;13)(q12;p11)[6]/46,XY[9]**	1q+; 7q-
FA13	M			X			9	**45,XY,-7[16].nuc ish cen7(CEP7x1)[70/100]**	-7
FA14	F	X					17	46,XX,inc[4]	
FA15	F	X					11	46,XX[15]	
FA19	M	X					20	46,XY,inc[2]	
FA20	M	X					6	46,XY[15]	
FA21	M	X					3	46,XY[15]	
FA22	M		X				15	**46,XY,der(22)t(1;22)(q12;p13)[10]/46,XY[5].nuc ish 1p36(SRDx2),1q21(1q21x3)[79/100]**	1q+
FA23	M	X					7	46,XY[20]	
FA25	F		X				8	**46,XX,?del(6)(p23),inc[3]/46,XX,inc[12]**	6p-
FA26	F		X				18	**46,XX,+1,der(1;15)(q10;q10)[5]/47,XX,+del(1)(p22p36)[4]/46,XX[6]. nuc ish 1p36(SRDx2),1q21(1q21x3)[60/100]**	1q+
FA27	F					X	11	**46,XX,der(7)t(1;7)(q21;q31),der(16)t(9;16)(p12;p12)[20]**	1q+; 7q-
FA28	M	X					9	46,XY[10]	
FA29	M	X					16	46,XY[20]	
FA30	F	X					4	46,XX[12]	
FA31	F	X					9	46,XX[15]	
FA32	M	X					10	46,XY[15]	
FA34	F	X					16	46,XX[15]	
FA35	M		X				14	**46,XY,del(7)(p12)[4]/46,XY[16]**	7p-
FA36	F	X					14	46,XX[15]	
FA39	M					X	12	**46,XY,del(7)(q21q33),der(19)t(3;19)(q24;p13)[15]. nuc ish 3q26(EVI1x3)[56/100],cen7(CEP7x2),7q31(D7S486x1)[80/100]**	3q+; 7q-
FA40	F	X					8	46,XX[20]	
FA41	F	X					5	46,XX[15]	
FA42	M	X					18	46,XY,inc[15]	

FA43	F					X	42	**46,XX,del(6)(p22),der(7)t(?6;7)(p22;p21)t(1;7)(p21;q31),t(15;18)(q24;q22)[13]/47,idem,+13[2]**		6p-; 7q-
FA44	M	X					14	46,XY[15]		
FA45	F		X				16	**46,XX,del(11)(q14q23)[3]/47,idem,+21[3]/46,XX[14].nuc ish 11q23(MLLx1)[73/100]**		11q-; +21
FA47	F		X				13	**46,XX,der(6)t(1;6)(q21;p22)[10]/46,XX[10].nuc ish 1p36(SRDx2),1q21(1q21x3)[29/100]**		1q+; 6p-
FA48	F	X					6	no metaphases.nuc ish cen7(CEP7x2),7q31(D7S486x2)[99/100],cen8(CEP8x2)[97/100]		
FA49	F	X					6	46,XX[15]		
FA50	M	X					21	46,XY[15]		
FA51	F	X					11	46,XX,inc[4]		
FA52	M	X					10	46,XY[8]		
FA53	M	X					15	46,XY[20]		
FA54	F			X			4	**46,XX,der(7)t(3;7)(q13;q11),add(18)(p11)[15]. nuc ish 3q26(EVI1x3)[46/100],cen7(CEP7x2),7q31(D7S486x1)[94/100]**		3q+; 7q-
FA55	F	X					5	no metaphases.nuc ish 3q26(EVI1x2),cen7(CEP7x2),7q31(D7S486x2),cen8(CEP8x2)[100]		
FA56	M	X					7	46,XY[5]		
FA57	M	X					6	46,XY[20]		
FA58	M	X					9	46,XY[16]		
FA59	M			X			14	**45,XY,-7[9]/46,XY[6].nuc ish cen7(CEP7x1),7q31(D7S486x1)[13/100]**		-7
FA60	F	X					11	46,XX[15]		
FA61	M					X	17	**45,XY,-7[20]/46,XY[1].nuc ish cen7(CEP7x1),7q31(D7S486x1)[93/100]**		-7
FA62	M	X					10	46,XY[6]		
FA63	M	X					8	46,XY[20]		
FA64	F	X					4	46,XX [20]		
FA65	M	X					6	46,XY,inc[1]		
FA66	F	X					10	46,XX[1]		
FA67	F	X					12	46,XX[15]		
FA69	M	X					10	46,XY[17]		
FA70	M			X			8	**48,XY,+der(1;5)(q10;p10),t(1;5)(q10;p10),+8[2]/48,idem,add(2)(p16)[10]/48,idem,del(11)(q14)[6]/ 49,idem,del(11)(q14),+19[2].nuc ish 1p32(CKS1Bx2),1q21(CDKN2Cx3)[52/100], 3q26(EVI1x3)[53/100],cen8(CEP8x3)[85/100], 21q22(5'AML1x1,3'AML1x2)(5'AML1 con 3'AML1x1)[69/100]**		1q+; 3q+; +8; *RUNX1* (*AML1*) abnormality
FA72	M	X					6	//46,XX[20]		
FA74	F	X					6	46,XX[20]		
FA75	M	X					7	46,XY[15]		
FA76	M					X	4	**//46,XX[17]/46,XY,ins(7;7)(q31;q31q35)[1]/46,XY[3]. nuc ish,21q22(AML1x2)(5'AML1 sep 3'AML1x1)[46/100]**		cryptic *RUNX1* (*AML1*) aberration
FA77	M		X				13	**46,XY,del(7)(p12p21)[12]/46,XY[8]**		7p-
FA79	F			X			10	**47,X,add(X)(p22),+der(1)add(1)(p12)dup(1)(q12q43),der(3)t(3;?3)(p26;?q24)x2, der(11)t(3;11)(q24;p15),der(15)t(3;15)(q24;q26)[cp15] .nuc ish 1p36(SRDx2), 1q21(1q21x3~4)[75/100],1p36(SRDx4),1q21(1q21x4)[14/100],3q26(EVI1x3~6)[95/100]**		1q+; 3q+
FA80	M	X					7	46,XY[15]		
FA82	M	X					2	46,XY[10]		
FA83	F	X					4	46,XX,inc[10]		
FA84	M		X				16	**46,XY,+1,dic(1;18)(p11;q22)[3]/46,XY[13].nuc ish 1p36(SRDx2),1q21(1q21x3)[10/100]**		1q+
FA85	F	X					23	46,XY[20]		
FA86	F		X				32	**46,XX,der(1)t(1;1)(p36;q24)[8]/47,XX,+9[4]/46,XX[3].nuc ish 1p36(SRDx2),1q21(1q21x3)[53/100]**		1q+
FA87	M		X				13 14	**46,XY,dup(1)(q21q43),inc[2]/46,XY,inc[7]** **46,XY,der(7)t(1;7)(?;p11)[3]/46,XY[12]**		1q+; 7p-
FA89	M			X			20	**46,XY,der(7)t(3;7)(q22;q31)[15].nuc ish 3q26(EVI1x3)[93/100], cen7(CEP7x2),7q31(D7S486x1)[96/100]**		3q+; 7q-
FA90	F	X					13	no metaphases.nuc ish cen7(CEP7x2),7q31(D7S486x2)[99/100],cen8(CEP8x2)[96/100]		

FA91	M	**X**	16	46,XX[20]	
FA92	M	**X**	25	46,XY[16]	
FA94	F	**X**	32	46,XX[15]	
FA95	M	**X**	11	46,XY[15]	
FA97	M	**X**	9	46,XY[15]	
FA99	F	**X**	12	46,XX[20]	
FA100	M	**X**	13	46,XY,inc[12]	
FA102	M	**X**	16	46,XY[15]	
FA108	F	**X**	15	46,XX[1]	
FA130	F	***1**	13	**46,XX,der(7)t(?3;7)(q26;q21)[2]/46,XX[13].nuc ish 3q26(EVI1x3)[4/100]**	3q+,7q-

* FA-BMF and FA-AIP: karyotype (ISCN) at time point of last cytogenic examination or at time point/s of last cytogenetic examination with aberrations;
FA-MDS-non EB, FA-MDS-EB and FA-AML: karyotype (ISCN) at time point of transformation
*1 no categorization possible