

ARCHER myeloide

Série 1
validation

200914800EB VOL. Mar.

LMC diagnostique en 1999, caryotype pregreffe de 2019

- Caryo

47,XX,+8[6]/45,XX,-7,t(9;22)(q34;q12)[6]

- NGS

mutations d'ASXL1 et **SETBP1** (15%)

200914800EB VOL. Mar.

Genes ▾ ⬆ ⬇	SS ▾ ⬆ ⬇	Reads ▾ ⬆ ⬇	%Reads ▾ ⬆ ⬇	Strong ▾ ⬆ ⬇	Brkpt ▾ ⬆ ⬇	Cat ▾ ⬆ ⬇	Type ▾ ⬆ ⬇	InFrame ▾ ⬆ ⬇
BCR → ABL1	167	695	12.73	True	chr22:23632600,chr9:133729451	Fusion		True
BCR → ABL1	75	146	3.01	True	chr22:23631808,chr9:133729451	Fusion		True
BCR → ABL1	16	37	0.77	True	chr22:23632600,chr9:133655756	Fusion		True
BCR → ABL1	6	8	0.17	True	chr22:23632600,chr9:133657191	Fusion		False

Targeted RNA Variant ▾
All Results ▾
+ New
Edit Column

Symbol ▾ ⬆ ⬇	HGVSp ▾ ⬆ ⬇	HGVSc ▾ ⬆ ⬇	Depth ▾ ⬆ ⬇	AO ▾ ⬆ ⬇	AF ▾ ⬆ ⬇	Quality Score ▾ ⬆ ⬇	TO ▾ ⬆ ⬇
ASXL1	p.Gly646TrpfsTer12	c.1934dup	2038	405	0.1987	14239.3	1443
PTPN11	p.Ala72Ser	c.214G>T	477	40	0.0839	1528.94	352
PTPN11	p.Gln79Arg	c.236A>G	530	52	0.0981	2014.63	960
PTPN11	p.Pro491Leu	c.1472C>T	898	59	0.0657	2265.05	454

201605738PM TAI. Léo

- LAM5
- 46,XY,t(11;19)(q23;p13)[12]. ish (11;19)(q23;p13)(5'MLL+;3'MLL+)[20]
.nuc ish(MLLx2)(5'MLL sep 3'MLLx1)[180/200]
- Pas de mutation IDH1 ou IDH2, surexpression EVI1, WT1, mutation FLT3

201605738PM TAI. Léo

Genes	SS	Reads	%Reads	Strong	Brkpt	Cat	Type	InFrame
KMT2A → ELL	149	1479	53.7	True	chr11:118355029,chr19:18583692	Fusion		True
KMT2A → ELL	133	1286	47.19	True	chr11:118355690,chr19:18583692	Fusion		True
KMT2A → ELL	24	47	1.94	True	chr11:118355029,chr19:18586743	Fusion		True
KMT2A → ELL	19	28	1.17	True	chr11:118355690,chr19:18586743	Fusion		True



Symbol	HGVSp	HGVSc	Depth	AO	AF	Quality Score	TO
FLT3	p.Asp835Glu	c.2505T>A	4055	880	0.2170	32847.7	223
FLT3	p.Asp835Glu	c.2505T>G	4055	272	0.0671	10167.5	119
FLT3	p.Asp835Tyr	c.2503G>T	4049	312	0.0771	11891.2	297
FLT3	p.Asn676Lys	c.2028C>G	9992	437	0.0437	16828.7	77
NRAS	p.Gln61Arg	c.182A>G	1280	46	0.0359	1735.5	1320
PTPN11	p.Ala72Ser	c.214G>T	316	9	0.0285	342.943	352
PTPN11	p.Gln79Arg	c.236A>G	337	10	0.0297	376.885	960



201611444DW GUI. Fou

- Prélèvement diagnostic d'une LAM2
- 45,X,-Y,t(8;21)(q22;q22)[11]/46,XY[1].ish 11q23(MLL+)[27]
.nuc ish (MLLx2)[198]

BM :

Kit c.2466T>G faiblement positif, pas de délétion de Kit (Lilles)

201611444DW

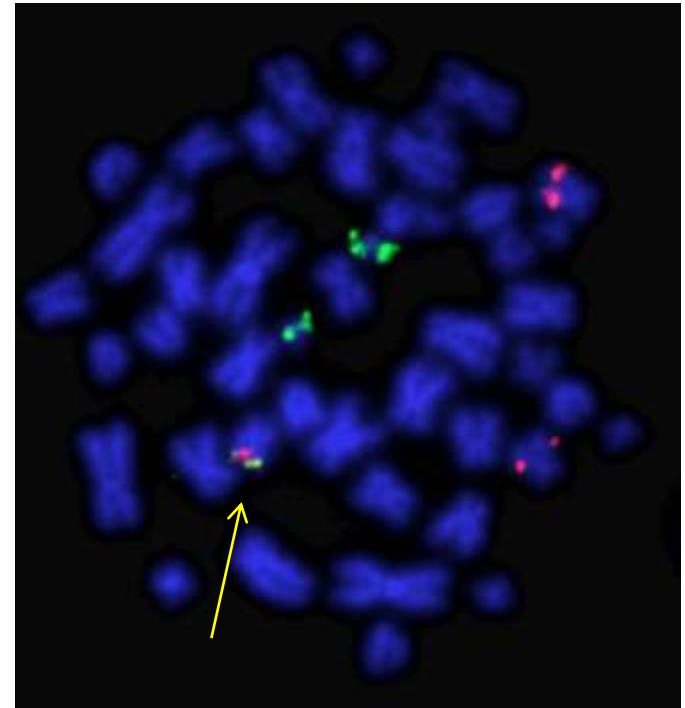
Genes ▼	SS ▼	Reads ▼	%Reads ▼	Strong ▼
RUNX1 → RUNX1T1	555	3981	14.72	True
RUNX1 → RUNX1T1	248	2086	7.75	True
RUNX1 → RUNX1T1	246	895	3.48	True

Symbol ▼	HGVSp ▼	HGVSc ▼	Depth ▼	AO ▼	AF ▼	Quality Score ▼	TO ▼
KIT	p.Asp419del	c.1255_1257del	1387	59	0.0425	2362.06	23
KIT	p.Asn822Lys	c.2466T>G	1604	69	0.0430	2705.18	153
NRAS	p.Gly12Asp	c.35G>A	335	16	0.0478	604.645	893
NRAS	p.Gly12Cys	c.34G>T	339	24	0.0708	922.471	395
PTPN11	p.Ala72Ser	c.214G>T	325	14	0.0431	536.603	352
PTPN11	p.Gln79Arg	c.236A>G	352	23	0.0653	870.234	960
PTPN11	p.Pro491Leu	c.1472C>T	726	22	0.0303	846.016	454

201611995SD

- LAM2
- 45,X,-Y,der(8)t(8;21)(q22;q22),t(8;19)(q22;p13)[1]/45,sl,+t(8;19)(q22;p13),-19[8]/46,XY[8].ish
der(8)t(8;21)(q22;q22)(ETO+,AML1+;AML1+,ETO-),t(8;19)(q22;p13)(ETO+;ETO+)[10],t(8;19)(q22;p13)(wcp8;wcp8+,wcp19+)[2]/sl,+t(8;19)(q22;p13)(ETO+;ETO+)[15],+t(8;19)(q22;p13)(wcp8-;wcp8+,wcp19+),-19[12]/8(wcp8+),19(wcp19+)[4],8q22(ETO+),21q22(AML1+)[4],11q23(MLL+)[24].
nuc ish(ETOx3),(AML1x3)(ETO con AML1x1)[30]/(ETOx4),(AML1x3)(ETO con AML1x1)[44]/(ETO,AML1)x2[22],(MLLx2)[190]
- BM a Lilles
Mutation ASXL1

201611995SD



- En clair t(8;21) sans le der(21), le der(8) donne une transloc avec le 19 et ce dernier est dupliqué dans un sous clone.
- BM a Lille
Mutation ASXL1

201611995SD

Genes ▾	SS ▾	Reads ▾	%Reads ▾	Strong ▾	Brkpt ▾
RUNX1 → RUNX1T1	553	4604	22.14	True	chr21:36231771,chr8:93029591
RUNX1 → RUNX1T1	101	204	1.04	True	chr21:36231771,chr8:93029659
RUNX1 → RUNX1T1	101	204	1.04	True	chr21:36231771,chr8:93074937
RUNX1 → RUNX1T1	60	125	18.01	True	chr21:36213292,chr8:93077675
RUNX1 → RUNX1T1	73	99	0.51	True	chr21:36231771,chr8:93077674
RUNX1 → RUNX1T1	60	92	13.24	True	chr21:36213292,chr8:93077675
RUNX1 → RUNX1T1	40	74	0.38	True	chr21:36231771,chr8:93077675
RUNX1 → RUNX1T1	41	63	0.32	True	chr21:36231771,chr8:93077674
RUNX1 → RUNX1T1	32	56	0.29	True	chr21:36231771,chr8:93077675
RUNX1 → RUNX1T1	31	41	0.21	True	chr21:36231771,chr8:93074855
RUNX1 → RUNX1T1	20	26	0.13	True	chr21:36231771,chr8:93077675
RUNX1 → RUNX1T1	15	18	0.14	True	chr21:36265222,chr8:93029591

Symbol ▾	HGVSp ▾	HGVSc ▾	Depth ▾	AO ▾	AF ▾	Quality Score ▾	TO ▾
ASXL1	p.Gly646TrpfsTer12	c.1934dup	1596	496	0.3108	18060.4	1443
PTPN11	p.Ala72Ser	c.214G>T	338	17	0.0503	637.313	352
PTPN11	p.Gln79Arg	c.236A>G	366	21	0.0574	793.891	960
PTPN11	p.Pro491Leu	c.1472C>T	687	26	0.0378	993.291	454



201717085NU

- LAM3
- 46,XX,t(15;17)(q22;q21)[3]/46,XX[17] .ish t(15;17)
(PML+,RARA+;RARA+,PML+)[12].nuc ish(PML,RARA)x3(PML
con RARAx2)[188/200]
- NGS: mutation FLT3/TKD D835V (39%)

201717085NU

Genes ▼ ⬆ ⬆	SS ▼ ⬆ ⬆	Reads ▼ ⬆ ⬆	%Reads ▼ ⬆ ⬆	Strong ▼ ⬆ ⬆	Brkpt ▼ ⬆ ⬆	Cat ▼ ⬆ ⬆	Type ▼ ⬆ ⬆	InFrame ▼
PML → RARA	275	1489	48.44	True	chr15:74325755,chr17:38504568	Fusion		True
PML → RARA	59	113	3.73	True	chr15:74325751,chr17:38504568	Fusion		False
PML → RARA	10	11	91.67	True	chr15:74325870,chr17:38503849	Fusion		Unknown
PML → RARA	7	8	0.17	True	chr15:74317268,chr17:38504568	Fusion		False
PML → RARA	6	7	0.37	True	chr15:74325763,chr17:38504568	Fusion		False
PML → RARA	7	7	0.26	True	chr15:74325753,chr17:38504341	Fusion		True

Symbol ▼ ⬆	HGVSp ▼ ⬆	HGVSc ▼ ⬆	Depth ▼ ⬆	AO ▼ ⬆	AF ▼ ⬆	Quality Score ▼ ⬆	TO ▼ ⬆
ASXL1	p.Gly646TrpfsTer12	c.1934dup	1344	37	0.0275	1161.99	1470
FLT3	≡ p.Asp835Val	≡ c.2504A>T	735	335	0.4558	12717.6	294



201814359RP

- LAL B
- 46,XY,t(4;11)(q21;q23),i(7)(q10)[6]/46,XY[5].ish
t(4;11)(3'KMT2A+;5'KMT2A+)[12]/11q23(KMT2A+)[6].
nuc ish(KMT2Ax2)(5'KMT2A sep 3'KMT2Ax1)[186/200]
- BM : (St Louis), transcrit KMT2A-AFF1 en MLPA

201814359RP

t	Genes ▼	SS ▼	Reads ▼	%Reads ▼	Strong ▼	Brkpt ▼	Cat ▼	Type ▼	InFrame
	KMT2A → AFF1	127	803	44.32	True	chr11:118355029,chr4:88005275	Fusion		True
	KMT2A → AFF1	48	314	17.61	True	chr11:118355029,chr4:88005272	Fusion		True
	KMT2A → AFF1	9	16	41.03	True	chr11:118355190,chr4:87989358	Fusion		False

Symbol ▼	HGVSp ▼	HGVSc ▼	Depth ▼	AO ▼	AF ▼	Quality Score ▼	TO ▼	Rept ▼	Tier I ▼
ASXL1	p.Gly646TrpfsTer12	c.1934dup	2225	76	0.0342	2445.11	1470	2	1

201913183KS

- LAM avec inv(16)
- 46,XY,inv(16)(p13q22)[6]/46,XY[6]. Ish 16p13(3'CBFB+), 16q22(5'CBFB+)[20].nuc ish(CBFBx2)(5'CBFB sep 3'CBFBx1)[152/200]

- BM

CBFb-MYH11 type A (161.8490%) sur MO

Surexpression WT1 100.325% sur MO

NGS : mutation NRAS G12D (49%)

201913183KS

Genes ▼	SS ▼	Reads ▼	%Reads ▼	Strong ▼	Brkpt ▼	Cat ▼	Type ▼	InFrame ▼
CBFB → MYH11	222	1419	58.32	True	chr16:67116211,chr16:15814908	Fusion		True
CBFB → MYH11	13	15	0.87	True	chr16:67116242,chr16:15814908	Fusion		False



Symbol ▼	HGVSp ▼	HGVSc ▼	Depth ▼	AO ▼	AF ▼	Quality Score ▼	TO ▼
ASXL1	p.Gly646TrpfsTer12	c.1934dup	1160	34	0.0293	1107.1	1470
NRAS	p.Gly12Asp	c.35G>A	306	153	0.5000	5779.8	927

202004131PN

- LAM myelomonocytaire / LAM4
- 47,XY,+8[8]/46,XY[6].ish del(11)(q23)(5'MLL+,3'MLL-)[7]
(5'KMT2A+,3'KMT2A-)[16],22q12(BCR+)(17).nuc ish
(ABL1,BCR)x2[200],(5'MLLx2,3'MLLx1)[106/200],(5'KMT2Ax2,3'KMT
2Ax1)(5'KMT2A con 3'KMT2Ax1)[90/200]/ (KMT2Ax2)[97/200]
- NGS:
U2AF1 S34F(45%), CBL K389R(79%, perte hétérozygotie),
NRAS Q61P(7%), KRAS(2%)

202004131PN

Genes ▾ ⚡	SS ▾ ⚡	Reads ▾ ⚡	%Reads ▾ ⚡	Strong ▾ ⚡	Brkpt ▾ ⚡	Cat ▾ ⚡	Type ▾ ⚡	InFrame ▾ ⚡
KMT2A → CBL	202	661	18.07	True	chr11:118355690,chr11:119149220	Fusion		True
KMT2A → CBL	14	20	0.62	True	chr11:118355029,chr11:119149220	Fusion		True

Symbol ▾ ⚡	HGVSp ▾ ⚡	HGVSc ▾ ⚡	Depth ▾ ⚡	AO ▾ ⚡	AF ▾ ⚡	Quality Score ▾ ⚡	TO ▾ ⚡
ASXL1	p.Gly646TrpfsTer12	c.1934dup	914	31	0.0339	956.588	1470
→ KRAS	≡ p.Gln61Pro	≡ c.182A>C	1761	94	0.0534	3717.65	322
PTPN11	≡ p.Ala72Ser	≡ c.214G>T	175	18	0.1029	685.018	353
PTPN11	≡ p.Gln79Arg	≡ c.236A>G	194	24	0.1237	915.599	969
→ ≡ U2AF1	≡ p.Ser34Phe	≡ c.101C>T	2542	1238	0.4870	49140.6	310

- Manque mutation CBL et NRAS

ABL1	AKT3	ASXL1	BCR	BRAF	CALR	CBFB	CBL
CD274	CEBPA	CHD1	CHIC2	CREBBP	CSF1R	CSF3R	CTLA4
DCK	DNM2	DNMT3A	ERG	ETV6	EZH2	FBXW7	FGFR1
FGFR2	FGFR3	FLT3	GATA1	GATA2	GLIS2	GNAS	ID4
IDH1	IDH2	IKZF1	IKZF3	IRF4	IRF8	JAK1	JAK2
JAK3	KAT6A	KDM6A	KIT	KMT2A	KRAS	MECOM	MKL1
MLLT10	MLLT4	MPL	MUC1	MYC	MYD88	MYH11	NF1
NOTCH1	NPM1	NRAS	NUP214	NUP98	PDCD1	PDCD1LG2	PDGFRA
PDGFRB	PHF6	PICALM	PML	PTPN11	RARA	RBM15	ROS1
RUNX1	RUNX1T1	SETBP1	SETD2	SF3B1	SLC29A1	SRSF2	TCF3
TFG	U2AF1	WT1	XPO1				

LEGEND

- ◆ SNV/Indel
- Fusion, splicing or exon-skipping
- Expression

RNA Input

Input

Reads

Genes

FusionPlex ALL

RNA

1.5M

81

FusionPlex Heme V2

RNA

1.5M

87

FusionPlex Lymphoma

RNA

2M

125

FusionPlex Myeloid

RNA

1.5M

84



CHOIX DU PANEL HEME V2 (MYELOIDE ET LYMPHOIDE, 87 CIBLES)

ABL1	ABL2	ALK	BCL11B	BCL2	BCL3	BCL6	BCR
BIRC3	CBFB	CCND1	CCND2	CCND3	CD274	CDK6	CDKN2A
CEBPA	CEBPD	CEBPE	CEBPG	CHD1	CHIC2	CIITA	CREBBP
CRLF2	CSF1R	CTLA4	DEK	DUSP22	EBF1	EIF4A1	EPOR
ERG	ETV6	FGFR1	FOXP1	GLIS2	ID4	IKZF1	IKZF2
IKZF3	IRF4	IRF8	JAK2	KAT6A	KLF2	KMT2A	MALT1
MECOM	MKL1	MLF1	MLLT10	MLLT4	MUC1	MYC	MYH11
NF1	NFKB2	NOTCH1	NTRK3	NUP214	NUP98	P2RY8	PAG1
PAX5	PDCD1	PDCD1LG2	PDGFRA	PDGFRB	PICALM	PML	PRDM16
PTK2B	RARA	RBM15	ROS1	RUNX1	RUNX1T1	SEMA6A	SETD2
STIL	TAL1	TCF3	TFG	TP63	TYK2	ZCCHC7	

LEGEND

- ◆ SNV/Indel
- Fusion, splicing or exon-skipping
- Expression

- 16 échantillons choisis
 - 8 myéloïdes
 - 5 complexes avec des points de cassures à proximité de points de cassures connus
 - 3 pour lequel le partenaire manque
 - 8 lymphoïdes
 - 3 pour lesquels on connaît un réarrangement
 - 5 avec problème diagnostique

MYELOIDE

182830799 / 201815580MZ

- LAM secondaire avec dysplasie multilignée
- 47~49,X,del(X)(q25),der(3)t(3;5)(p?21;p?13),del(4)(q21q31),-5,+8,+8,add(11)(p15),del(17)(p12p11),+21[12].ish
der(3)t(3;5)(p?;p?)(wcp5+,wcp3+;wcp5-),-5(wcp5-)[20]
/3(wcp3+),5(wcp5+)[3],11q23(KMT2A+)[30],17p13(TP53+),17q23(MPO+)[20].nuc ish(KMT2Ax2)[196/200],(TP53,MPO)x2[193/200]
- Archer
 - Rien meme en low confidence

200730612 / 202004430SZ

- LAM5
- 46,XX[20].ish 11q23(MLL+)[20],del(21)(q22)(3'RUNX1+,5'RUNX1-)[20].nuc ish(MLLx2)[191],(3'RUNX1x2,5'RUNX1x1)[192/200]
 - Perte de la partie distale de RUNX1
- Archer
 - Rien meme en low confidence

191770607 /201910210TA

- LAL

- 46~47,XY,der(3)t(3;11)(p12;p11),del(5)(q31),der(11)t(5;3;11)(?;p24;p11),+der(?)t(?;11)(?;qter),del(12)(p12)[cp5]/46,XY[7].ish t(3;11)(wcp11+,wcp3+ ;wcp3+,wcp11+), der(11)?t(?;11)(wcp11;wcp11+)[7],der(3)t(5;3;11) (wcp5+;wcp3+;wcp11+),del(5)(q31)[6],5p15(TAS2R1+),del(5)(q31)(EGR1dim)[1] ,add(11)(q24)(KMT2A+)[1],del(12)(p13)(ETV6-)[1]/3(wcp3+),11(wcp11+)[9], 5(wcp5+)[1], 11q23(KMT2A+)[4],12p13(ETV6+)[11].nuc ish(TAS2R1,EGR1dim)x2[46/100],(ETV6x1)[162/200] /(KMT2Ax2)[182/200]

- Archer

SET → NUP214	448	2698	81.46	True	chr9:131456321,chr9:134034770	Fusion
LOC107986169 → TP63	73	168	12.75	True	chr3:189223342,chr3:189455529	Fusion

BCL2 → LINGO1	7	7	63.64	False	chr18:60790585,chr15:77910949	Fusion
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190790799 / 201904504FR

- LAM secondaire
- 46,XY,add(11)(q23)[3]/46,XY[9].ish
t(?;11)(?p;q23)(5'KMT2A+;3'KMT2A+)[13]/11q23(KMT2A+)[6].
nuc ish(KMT2Ax2)(5'KMT2A sep 3'KMT2Ax1)[151/200]
- Archer

KMT2A → MLLT3	172	1946	71.52	True	chr11:118355029,chr9:20365742	Fusion
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- Il y a une t(9;11) impliquant MLLT3 et KMT2A/MLL

TCF3 → ACSL3	15	35	74.47	False	chr19:1619750,chr2:223731482	
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172990591 / 201713538MU

- LAM
- 46,XX,t(8;5;?)(p23;p15;pter)[10]/46,XX[10].ish t(8;5;?)
(D8S504-;D8S504+,EGR1+,CSF1+)[40]
- Archer

SIK1 → IRF4	8	88	13.02	True	chr21:44846890,chr6:394821	Fusion
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182690591 / 201814755RE

- 41~43,XY,-4,-5,-6,del(8)?(q22),+der(8)t(?;8)(p?;q11),-10,-14,-15,-17,-21x2,-22,+3~5mar[cp15]/46,XY[1].ish 5(wcp5-),del(8)?(q22)(wcp8-),+der(8)t(?;8)(p?;q11)(wcp8-;wcp8+)[17],der(11)t(?;11)(?;KMT2A+)[1],-17(TP53-,MPO-)[20]/11q23(KMT2A+)[18].nuc ish(KMT2Ax3)[30],(TP53,MPO)x1[186/200]/(KMT2Ax2)[166/200]

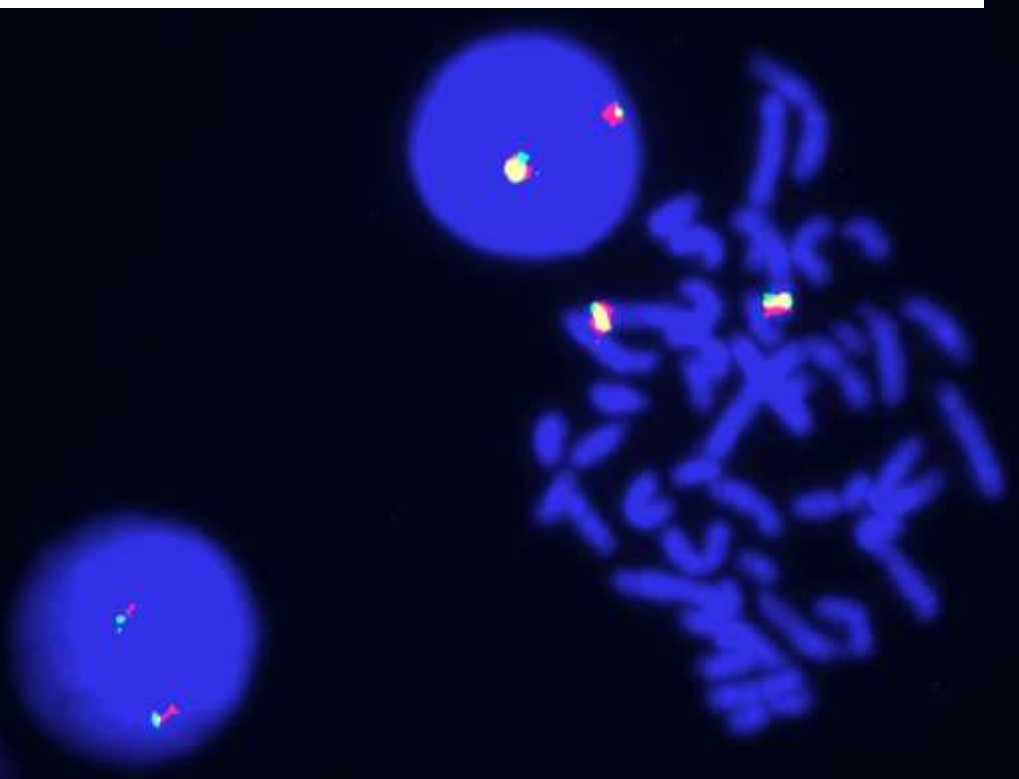
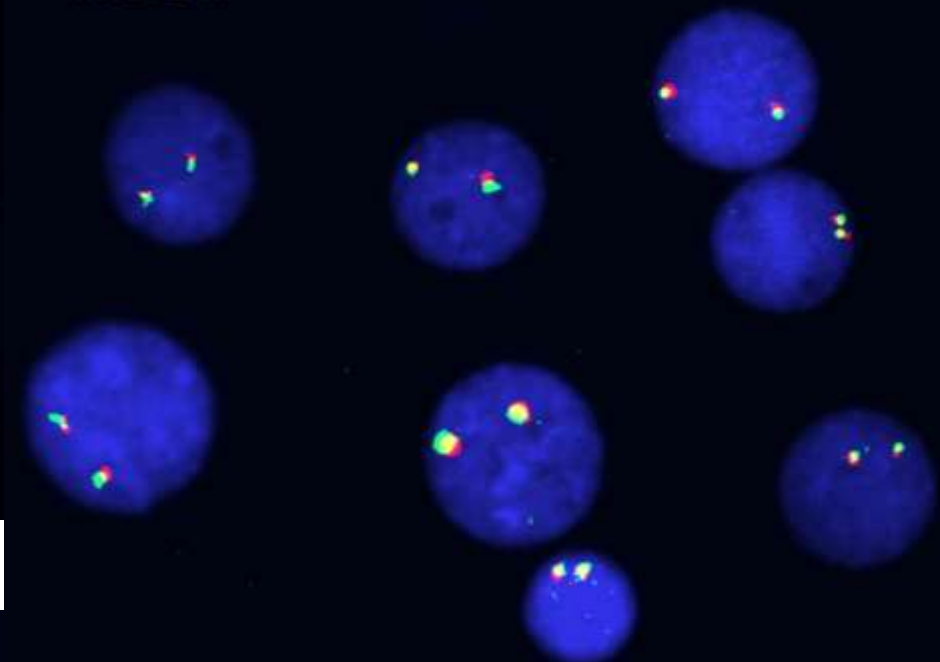
- Archer

RAB7A → MECOM	22	41	50.62	True	chr3:128445202,chr3:168861620	Fusion
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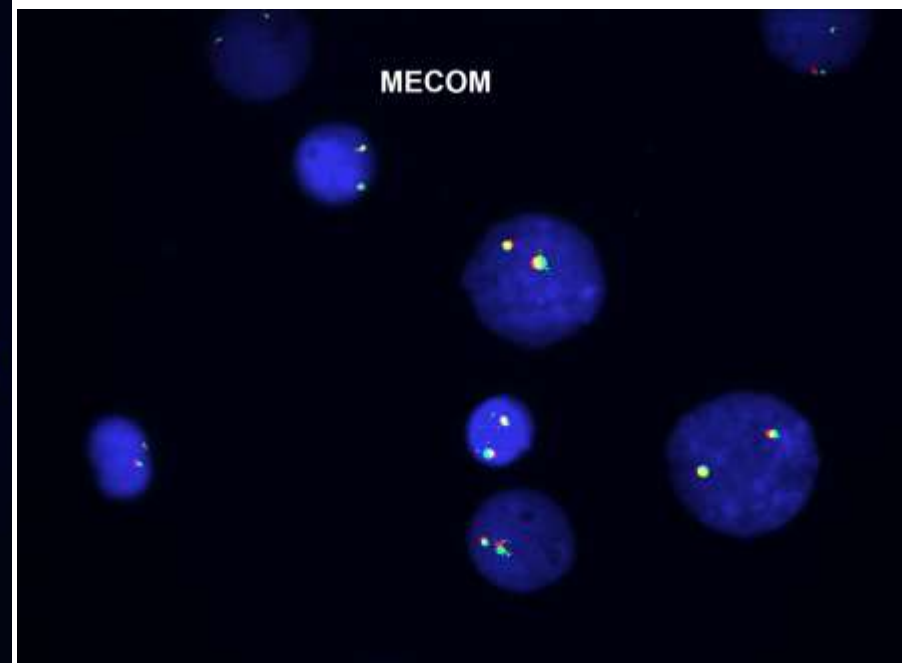
- En FISH
 - Pas de remaniement, spots identiques.
 - RAB7A 3q21: Insertion?



MECOM



MECOM



172920697 / 201715495ST

- LAM secondaire
- 46,X,-Y,?inv(2)(p25q12),t(<u>2</u>;11)(p21;q23),add(4)(p15),t(7;13)(q21;q31),der(11)del(11)(p15)del(11)(q23),t(?;17)(?;q12),+1~2mar[11].ish t(7;13)(q21;q31)(wcp7-;wcp7+)[10],t(?;11)(pter;q14)(MLL+;MLL-)[30],del(11)(q14)(NUP98+)[14],t(?;17)(?;q12)(TP53-,MPO+;TP53-,MPO-)[5]/11p15(NUP98+)[6].nuc ish(TP53x1,MPOx2)[100]/(MLLx2)[200],(NUP98x2)[200]
- Archer
 - Rien

TLN1 → PRDM16

7

9

37.5

False

chr9:35717143,chr1:2985754

202020732 / 9400657RR

- LAM secondaire
- 46,XX[20].ish t(11;?19)(q23;?p13)(5'KMT2A+;3'KMT2A+)[3]/11q23(KMT2A+)[17].nuc ish(KMT2Ax2)(5'KMT2A sep 3'KMT2Ax1)[147/200]
- Archer

TFG → ADGRG7	178	678	41.62	True	chr3:100438902,chr3:100348442	Fusion
KMT2A → EP300	161	581	42.56	True	chr11:118355690,chr22:41547837	Fusion



Décrit dans des pathologies lymphoïdes et présente dans un autre échantillon de la série...

LYMPHOIDE

04H07072

- LYMPHOME MALIN NON HODGKINIEN DIFFUS A PETITES ET GRANDES CELLULES DE PHENOTYPE T mais doute sur un B au départ
- En 2012, 46,XY[30]
- Archer
 - Rien

PAX5 → ANKRD30BL	10	12	54.55	False	chr9:37006506,chr2:133013143	Fusion
IKZF3 → NOTCH2NL	8	9	40.91	False	chr17:37948937,chr1:145277343	Fusion

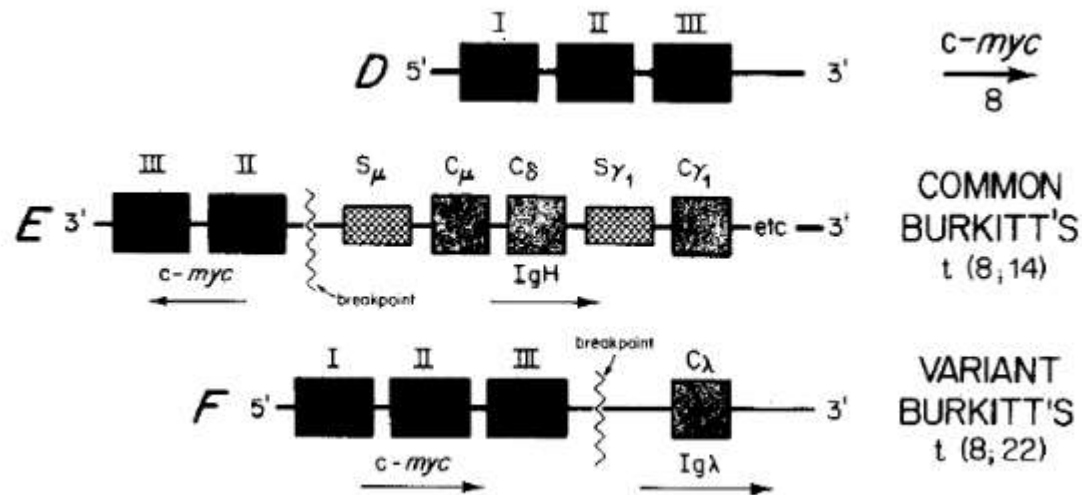
19H05011 / 201906174MF

- DLBCL rearrangement MYC
- nuc ish(BCL6x2)[24]/(BCL6x3)[19]/(BCL6x4)[5], (MYC,IGH)x2~4(MYC con IGHx1~2)[60]/(MYC,IGH)x4(MYC con IGHx1)[11]/(MYC,IGH)x2[25],(BCL2x1)[16]/(BCL2x2)[34]/(BCL2x3)[10]
- Archer
 - rien

LINC00486 → NOTCH1	7	7	53.85	False	chr2:33141630,chr9:139400387
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Myc et Archer

- Exon 1 et 2



- IgH* n'est pas dans le panel.

20H00669 / 8707113LH

- T LAI
- Pas de CytoG
- Archer

TFG → ADGRG7	74	242	48.69	True	chr3:100438902,chr3:100348442	Fusion
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➤ [Sci Rep.](#) 2019 Mar 26;9(1):5179. doi: 10.1038/s41598-019-41675-3.

Detection of novel fusion-transcripts by RNA-Seq in T-cell lymphoblastic lymphoma

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¹¹

20H05882 / 202010115NS

- ALCL ALK+
- nuc ish (ALKx2)(5'ALK sep 3'ALKx1)[35]/(ALKx2)[15]
- Archer

ATIC → ALK	129	1226	96.08	True	chr2:216191701,chr2:29446394	Fusion
ATIC → ALK	11	19	2.31	True	chr2:216190861,chr2:29446394	Fusion

20h06463 /201812616HP

- Poursuite évolutive de l'hémopathie lymphoïde T connue et diagnostiquée en 2018 (18P00368), répondant à un lymphome T particulier par l'expression forte et homogène du CD30, pouvant faire discuter les hypothèses de PTCL NOS (CD30+) et ALCL (lymphome anaplasique à grandes cellules) ALK-. On complète les investigations par la recherche de réarrangement du gène DUSP22 par technique Fish.

Discuter l'intérêt de la recherche de mutation des gènes STAT3 et JAK 1 et de la translocation de ROS et TYK2, pour progresser dans la classification de cette hémopathie.

- *nuc ish(IRF4,DUSP22)x2[19]/(IRF4,DUSP22)x3[81]*

IKZF1	267	2224	21.08	True	chr7:50367353,chr7:50459427	Oncogenic Isoform	Exon(s) Skipped
IKZF1	66	131	0.74	True	chr7:50367353,chr7:50467616	Oncogenic Isoform	Exon(s) Skipped

20H07290 / 202012610RP

- lymphome B diffus à grandes cellules de type lymphome B primitif du médiastin
- FISH, pas de remaniement de MYC ou de BCL2
- Archer
 - Rien meme en low confidence

20H07395 / 202008624EM

- LYMPHOME B DIFFUS A GRANDES CELLULES, de morphologie anaplasique, d'origine non centro-germinative (CD10-, BCL6-, MUM1-) non double expresseur (C-MYC-, BCL2+), EBV-, chez une patiente transplantée.
- FISH pas de remaniement de BCL2, MYC ou BCL6
- Archer
 - Rien meme en low confidence

20H05351 / 202007920BP

- LNH folliculaire
- 46,XX,del(6)(q12q25),add(7)(p15),del(10)(q21),del(13)(q14),t(14;18)(q32;q21)[9]/46,XX[3]
- Archer

BCL2 → UNALIGNED → IGH	363	2603	97.97	True	chr18:60793441,chr1:1 chr1:10,chr14:106330466	Fusion
BCL2 → UNALIGNED → IGH	15	27	1.15	True	chr18:60793441,chr1:1 chr1:17,chr14:106330058	Fusion
BCL2 → UNALIGNED → IGH	7	9	2.3	True	chr18:60793559,chr1:1 chr1:19,chr14:106330466	Fusion