

6.1 Caratterizzazione NGS Leucemia Mieloide Acuta, Sindrome Mielodisplastica e Sindromi Mieloproliferative

Ion Torrent Oncomine Myeloid Assay GX v2 (ThermoFisher)

DNA full genes:	DNA hotspot genes:	RNA fusion driver genes:	Spike-in:	RNA expression genes:
ASXL1	ANKRD26	ABL1	BCORL1	BAALC
BCOR	ABL1	ABL2	CSF3R	MECOM
CALR	BRAF	BCL2	DDX41	MYC
CEBPA	CBL	BRAF	ETNK1	SMC1A
ETV6	CSF3R	CCND1	GATA1	WT1
EZH2	DDX41	CREBBP	GATA2	
IKZF1	DNMT3A	EGFR	PTPN11	
NF1	FLT3 (ITD, TKD)	ETV6	RAD21	
PHF6	GATA2	FGFR1	SF3B1	
PRPF8	HRAS	FGFR2	STAT3	
RB1	IDH1	FUS	STAT5B	
RUNX1	IDH2	HMGA2	UBA1	
SH2B3	JAK2	JAK2		
STAG2	KIT	KAT6A		
TET2	KRAS	KAT6B		
TP53	MPL	KMT2A		
ZRSR2	MYD88	KMT2A (PTDs)		
	NPM1	MECOM		
	NRAS	MET		
	PPM1D	MLLT10		
	PTPN11	MRTFA (MKL1)		
	SMC1A	MYBL1		
	SMC3	MYH11		
	SETBP1	NTRK2		
	SF3B1	NTRK3		
	SRSF2	NUP98		
	U2AF1	NUP214		
	WT1	PAX5		
		PDGFRA		
		PDGFRB		
		RARA		
		RUNX1		
		TCF3		
		TFE3		
		ZNF384		