Table 1: Included Leukemia Subtypes by Cohort

Subtype	Adult Cohorts				Pediatric Cohorts			Total
	TCGA-LAML	LEUCEGENE	BEATAML1.0-COHORT	100LUMC	AAML0531	AAML1031	AAML03P1	
MDS.r/MECOM	40	137	111	25	71	154	7	545
AML with mutated NPM1	38	119	102	32	57	98	7	453
AML with t(8;21)/RUNX1::RUNX1T1	7	18	11	3	95	144	18	296
AML with inv(16)/t(16;16)/CBFB::MYH11	10	28	31	10	92	105	16	292
AML with t(9;11)/MLLT3::KMT2A	2	10	9	4	35	90	8	158
AML with in-frame bZIP CEBPA	8	8	14	3	35	63	7	138
other.KMT2A	6	15	3	1	62	37	5	129
APL, t(15;17)/PML::RARA	14	29	17	2	0	0	1	63
NUP98::NSD1	3	7	0	2	35	1	3	51
AML with t(6;9)/DEK::NUP214	0	2	0	1	16	16	5	40
CBFA2T3::GLIS2	0	0	0	0	17	0	0	17
NUP98::KDM5A	0	0	0	0	12	0	4	16
ETV6::MNX1	0	0	0	0	5	8	1	14
KAT6A::CREBBP	1	0	1	0	5	4	1	12
RBM15::MRTF1	0	0	0	0	4	8	0	12
FUS::ERG	0	0	0	1	5	4	0	10
Total	**129**	**373**	**299**	**84**	**546**	**732**	**83**	**2246**