

Supplemental Table 1:**Clinical Characteristics**

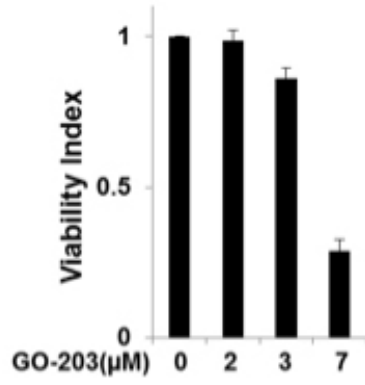
	Source	Status	karyotype	blast%	CD34%	FLT3/ITD	NPM1	Age	Sex
AML1	BM	diagnosis	Complex	93%	81%	Negative	Negative	71	Female
AML2	Leukapheresis	diagnosis	Normal	90%	0%	Negative	Negative	46	Male
AML3	Leukapheresis	diagnosis	Complex	95%	56%	Negative	Negative	70	Male
AML4	BM	diagnosis	t(8;21)	70%	100%	Negative	Negative	52	Male
AML5	BM	diagnosis	Normal	83%	0%	Negative	Positive	54	Male
AML6	BM	diagnosis	Normal	70%	0%	Negative	Positive	54	Female

Supplemental Table 2: Table of PCR Primers

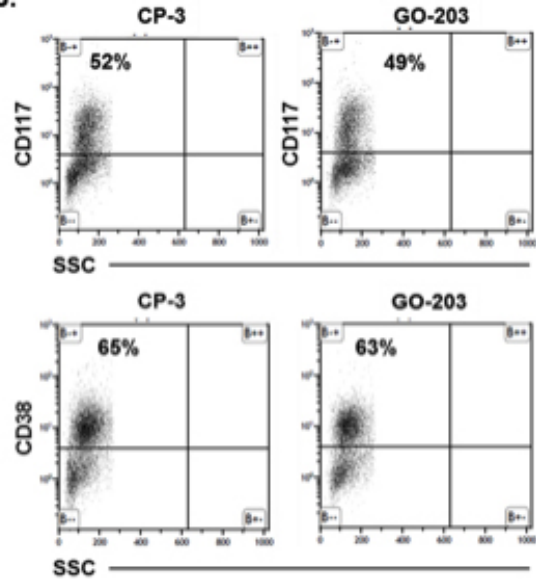
Primer	Company	Catalogue No.
18s	Qiagen	QF00451850
β -actin	Qiagen	QT01680476
DICER	Qiagen	QT00015176
GAPDH	Qiagen	QT00079247
JUN	Qiagen	QT00242956
miR-34a	Qiagen	MS00003318
precursor-mir-34a	Qiagen	MP00002044
miR-200c	Qiagen	MS00003752
precursor-mir-200c	Qiagen	MP00001414
	Left	Right
Mouse MUC1	CTGCTCCTCACAGTGCTTACAGTTG	TGAACCGGGGCTGTGGCTGG
DICER1	AATTGTTTCCCGGAGAGCTT	GGGCCACCATCTATTTCTCA
DICER2	AGAGAGGCCGTGTCTCAAAA	GAATCCATCATGGCTGCTTT
DICER3	CCTCTTGGCTGTTTCTCTGG	ACAGGGCTCTGTCTGAGCAT
c-Jun	GCCCGAGCTCAACACTTATC	CATTACCTCATCCCGTGAGC

Supplemental Figure 1

A.



B.



Supplemental Figure 2

