

Mutations Detected by NuProbe qPCR/Sanger AML Assay

Gene	AA mutation	CDS mutation	COSMIC ID
FLT3	p.D835H	c.2503G>C	COSM785
	p.D835N	c.2503G>A	COSM789
	p.D835Y	c.2503G>T	COSM783
	p.D835A	c.2504A>C	COSM27650
	p.D835V	c.2504A>T	COSM784
	p.D835E	c.2505T>A	COSM787
	p.D835E	c.2505T>G	COSM788
	p.I836F	c.2506A>T	
	p.I836L	c.2506A>C	COSM19649
	p.I836V	c.2506A>G	
	p.I836D	c.2506_2507delATinsGA	
p.I836H	c.2506_2507delATinsCA		
p.I836M	c.2508C>G	COSM19686	
DNMT3A	p.R882C	c.2644C>T	COSM53042
	p.R882G	c.2644C>G	COSM1583136
	p.R882S	c.2644C>A	COSM87001
	p.R882H	c.2645G>A	COSM52944
	p.R882L	c.2645G>T	COSM1583129
	p.R882P	c.2645G>C	COSM99740
IDH1	p.R132C	c.394C>T	COSM28747
	p.R132G	c.394C>G	COSM28749
	p.R132S	c.394C>A	COSM28748
	p.R132H	c.395G>A	COSM28746
	p.R132L	c.395G>T	COSM28750
	p.R132P	c.395G>C	
IDH2	p.R140G	c.418C>G	COSM1737874
	p.R140W	c.418C>T	COSM41877
	p.R140L	c.419G>T	COSM41875
	p.R140Q	c.419G>A	COSM41590
	p.R172K	c.515G>A	COSM33733
	p.R172M	c.515G>T	COSM33732
	p.R172S	c.515G>C	COSM1636997
KIT	p.D816H	c.2446G>C	COSM1311
	p.D816Y	c.2446G>T	COSM1310
	p.D816I	c.2446_2447delGinsAT	
	p.D816V	c.2447A>T	COSM1314
NPM1	p.W288fs*12	c.863_864insTCTG	COSM17559
	p.W288fs*12	c.863_864insCATG	COSM17571
	p.W288fs*12	c.863_864insCCTG	COSM17573