

GENETIC ALTERATION	JEKO1	JVM2	MAVER1	GRANTA519	MINO	REC1
t(11;14)	+	+	+	+	+	+
Expression of Cyclin D1	+	weak	+	+	+	+
Expression of Cyclin D2	-	+	-	-	+	-
<i>SOX11</i>	+	-		+	+	+
cMYC (rearrangement 8q24)	+	+	+	+/-	+/-	+/-
<i>RB1</i>	+			+		+
<i>TP53</i>	del/mut	wt/wt	mut/del	wt/wt	del/mut	wt/wt
<i>ATM</i>	amplified	wt	del/nd	wt	mutated	del/nd
<i>CDKN2A</i> (p16)	+	+	del	del	+	+
<i>CDKN1A</i> (p21)	+	+	mut	+	+	-
<i>CDKN1B</i> (p27)	+	-	nd	+	+	+
SR-B1	-	++	+			
<i>BCL2</i>	+	+	+	+		

Supplementary table S2: Characteristics of the different MCL cell lines.

CELLULAR RESPONSE	JEKO1	JVM2	MAVER1
Ironomycin IC50 (nM)	12.8	112.6	50.4
Total ROS production (tROS)	-	++	+
Mitochondrial ROS production (mROS)	+	+	-
Cell death	Apoptosis ++ Ferroptosis ++	Apoptosis ++ Ferroptosis +	Apoptosis + Ferroptosis ++
Pro- / anti-apoptotic proteins expression	↓	↑	↑
Oncogene degradation	CCND1 ↓ p27 ↓	CCND1 ↓ CCND2 ↓ p53 ↓	CCND1 ↓ p53 ↑ p21 ↑ p27 ↑
BH3 mimetic priming	Bcl2i Mcl1i Bcl-xLi	Bcl2i	Bcl2i
UPR activation	IRE1α ++ BiP ++ CHOP +	IRE1α + peIF2α ++ CCPG1 ++	IRE1α ++ XBP1s + BiP ++ ATF4 ++ CCPG +
GPX4	↓	↑	↑
Cell cycle	Sub-G1 G2/M	Sub-G1	G0/G1
FeCl3 supplementation	↑ tROS ↓ mROS	↑ tROS ↑ mROS	= tROS ↓ mROS
Lipid depletion	↑ cell death ↑ lipid peroxydation ↓ tROS	↑ cell death = lipid peroxydation ↑ tROS	↑ cell death ↓ lipid peroxydation ↓ tROS

Supplementary table S3: The different cellular effects of ironomycin in the three MCL cell lines studied are summarized in the table.