

SUPPLEMENTARY TABLES

Supplementary Table 1. Clinical characteristics of the CLL patients.

Patient n	Age (y)	Sex	Rai stage	Binet Stage	ZAP-70 status	CD38 status	IgV _H status	TP53 mutation	Cytogenetics
1	51	F	1	A	NA	NA	unmutated	unmutated	del13q
2	49	M	0	A	NA	NA	mutated	unmutated	t(14;18)(q32;q21)
3	49	M	4	C	-	-	unmutated	unmutated	complex chromosomal abnormalities
4	57	M	1	A	+	-	NA	NA	Normal
5	52	M	1	A	+	-	unmutated	NA	del13q
6	86	M	1	A	-	-	unmutated	unmutated	Normal
7	56	M	1	A	-	NA	unmutated	unmutated	del11q, del13q
8	62	M	4	C	+	NA	unmutated	mutated	del13q
9	66	M	1	A	-	-	unmutated	unmutated	complex chromosomal abnormalities
10	53	M	2	B	+	-	NA	unmutated	Normal
11	64	M	3	C	+	+	unmutated	NA	del13q
12	61	M	3	C	+	NA	mutated	NA	Normal
13	62	F	2	B	NA	NA	NA	1	complex chromosomal abnormalities
14	47	M	0	B	-	+	mutated	unmutated	complex chromosomal abnormalities
15	59	F	4	C	-	-	unmutated	unmutated	del13q
16	65	M	2	B	-	-	NA	1	+12
17	71	M	2	B	NA	-	unmutated	1	del13q, del17p
18	31	M	1	A	+	+	mutated	unmutated	del11q
19	65	M	4	C	-	NA	NA	unmutated	+12
20	59	M	1	B	NA	-	unmutated	unmutated	Normal
21	64	M	0	A	+	+	unmutated	unmutated	del13q
22	52	M	1	A	+	-	unmutated	NA	del13q
23	25	F	4	C	+	+	NA	unmutated	complex chromosomal abnormalities
24	37	M	2	B	+	+	mutated	NA	Normal
25	67	F	3	B	+	NA	unmutated	unmutated	del13q

NA indicates information not available.

Supplementary Table 2. Primers for quantitative RT PCR.

Gene	Primer
<i>LC3</i>	Forward -5'- AACATGAGCGA GTTGGTCAAG -3' Reverse-5'- GCTCGTA GATGTCCGCGAT -3'
<i>SQSTM1</i>	Forward-5'- GACTACGACTTGTGTA GCGTC -3' Reverse-5'-AGTGTCCGTGTTT CACCTTCC-3'
<i>ATG7</i>	Forward-5'- ATGATCCCTGTAA CTTA GCCCA -3' Reverse-5'-CACGGAA GCAAACA ACTTCAAC-3'
<i>ATG3</i>	Forward-5'- ACATGGCAATGGGCTA CA GG-3' Reverse-5'-CTGTTTGCACCGCTTATA GCA-3'
<i>GAPDH</i>	Forward-5'-TGGGTGGAATCATATTGGAAC-3' Reverse-5'-TCAACGGATTTGGTCGTATTG-3'

Supplementary Table 3. siRNA sequence.

	Primer
si-ATG5-homo-938	Sense -5'- GACCUUCAUUCAGAA GCUTT -3' Antisense-5'- AGCUUCUGAAUGAAA GGUCTT-3'
si-ATG5-homo-695	Sense -5'- GUCCAUCUAA GGAUGCAAUTT-3' Antisense -5'-AUUGCAUCCUUA GAUGGACTT-3'
si-ATG5-homo-486	Sense -5'- GACGUUGGUAACUGACAAATT-3' Antisense -5'-UUUGUCAGUUACCAACGUCTT-3'
si-GAPDH	Sense -5'- UGACCUCAACUACA UGGUUTT-3' Antisense -5'-AACCAUGUAGUUGA GGUCATT-3'
Negative control	Sense -5'-UUCUCCGAACGUGUCA CGUTT-3' Antisense -5'-ACGUGACACGUUCGGAGAATT-3'