

**Table S2: Patient Characteristics**

Patient ID	Sex	Age at diagnosis	Cytogenetic analysis	CLL score	RAI	BINET	VH Usage	Percentage Mutations	Mutation status	ZAP70
CLL-1	M	52	11qdel <sup>2</sup>	5	0	A	3-30	95,7	Mut	N
CLL-2	M	59	13q14 del <sup>1</sup>	4	0	A	3-30	90,1	Mut	N
CLL-3	M	57	No del <sup>1</sup>	5	0	A	3-23	91,1	Mut	N
CLL-4	F	61	17p del <sup>2</sup>	5	0	A	3-21	93,9	Mut	N
CLL-5	M	58	13q14del <sup>1</sup> , Other <sup>3</sup>	5	1	A	4-31	96,6	Mut	N
CLL-6	F	46	13q14 del <sup>1</sup>	5	2	B	1-08	93,7	Mut	N
CLL-7	F	34	13q14 del <sup>1</sup>	5	0	A	2-70	95,7	Mut	N
CLL-8	M	49	13q14 del <sup>1</sup>	5	0	A	2-70	99	Unmut	N
CLL-9	F	43	tris 12 <sup>1</sup>	4	0	A	1-03	98,2	Unmut	P
CLL-10	F	57	13q14 del <sup>1</sup>	4	0	A	2-70	100	Unmut	P
CLL-11	M	46	13q14del <sup>1</sup> 11q14del <sup>1</sup> Other <sup>4</sup>	5	0	A	5-01	99,5	Unmut	P
CLL-12	F	73	No del <sup>1</sup>	3	0	A	3-30	100	Unmut	P
CLL-13	F	72	13q del <sup>2</sup>	5	0	A	3-33	100	Unmut	P
CLL-14	F	64	Other <sup>2,5</sup>	5	2	A	3-13	95	Mut	N
CLL-15	M	52	13q del <sup>2</sup>	5	1	A	3-07	96,2	Mut	N
CLL-16	M	50	Other <sup>2,6</sup>	5	0	A	4-34	91,4	Mut	N
CLL-17	F	45	Inv 11 <sup>2</sup>	5	2	A	4-39	90,3	Mut	N
CLL-18	M	71	13q del <sup>2</sup>	4	0	A	1-69	100	Unmut	P
CLL-19	M	64	No del <sup>2</sup>	5	0	A	4-39	100	Unmut	P
CLL-20	F	74	17p del <sup>2</sup>	5	0	A	3-23	100	Unmut	P
CLL-21	M	52	No del <sup>2</sup>	5	0	A	1-18	98,6	Unmut	P

<sup>1</sup> CGH, <sup>2</sup> FISH, <sup>3</sup> loss 3p21, loss 8p23, loss 10q24,

<sup>4</sup> loss 2p25, <sup>5</sup> loss in chromosome 2,6 and 13, <sup>6</sup> loss in chromosome XY.

Flow cytometry scoring according to Matutes et al.; classical staging systems according to Rai et al. and Binet et al. (reviewed in [2]), M: male, F: female, Mut: mutated, Unmut: Unmutated, N: negative, P: positive

