

Supplementary Table S4.

Association between acquired mutations (P values of Fisher's exact test for independence) among the 168 patients cohort.

Positive and negative associations between acquired mutations in the 168 patients cohort

	SF3B1	XPO1	MYD88ex5	TP53	EGR2	MED12	NFKBIE	BRAF
Notch1ex34	0.47	0.36	1.00	0.36	1.00	1.00	0.67	0.091
SF3B1		0.012	1.00	1.00	1.00	1.00	1.00	0.59
XPO1			1.00	0.61	1.00	1.00	0.65	1.00
MYD88ex5				1.00	1.00	1.00	1.00	1.00
TP53					0.61	1.00	1.00	0.41
EGR2						0.23	0.65	1.00
MED12							1.00	1.00
NFKBIE								1.00

White cells correspond to positive (significant or not) associations

Grey cells correspond to negative (significant or not) associations

Identified *BRAF* mutations in 24 CLL patients from the whole-exome study and 168 CLL patients from the validation study

Gene	AA change	Patient-ID
<i>BRAF</i>	NM_004333:c.G1405A:p.G469R	CLL002
<i>BRAF</i>	NM_004333:c.G1397T:p.G466V	CLL13
<i>BRAF</i>	NM_004333:c.G1378A:p.G460R	autoLLC22908
<i>BRAF</i>	NM_004333:c.A1447G:p.K483E	autoLLC11702
<i>BRAF</i>	NM_004333:c.T1785G:p.F595L	autoLLC14502
<i>BRAF</i>	NM_004333:c.A1781G:p.D594G	autoLLC25201
<i>BRAF</i>	NM_004333:c.A1801G:p.K601E	autoLLC15607
<i>BRAF</i>	NM_004333:c.C1822T:p.H608Y	autoLLC15104