

Distinct molecular genetics of chronic lymphocytic leukemia in Taiwan: clinical and pathogenetic implications

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Supplementary Table 1

Factors		N
Age	Median (range)	67 (34~89)
Gender	Female	32 (39%)
	Male	51 (61%)
Binet stage	A	40 (48%)
	B	22 (27%)
	C	21 (25%)
FISH (n=80)	17p deletion	7 (9%)
	11q deletion	9 (11%)
	13q deletion	38 (48%)
	Trisomy 12	13 (16%)
	Normal	25 (31%)

Supplementary Table 2

Gene	Location	Primers
<i>MYD88</i>	Exon 5	F:AGTGAATGTGTGCCAGGGGTA / R:GTGTCTGTGAAGTTGGCATCTC
<i>BIRC3</i>	Exon 7	F:TGCCTATACATTTTGTGGTTTT / R:GAATTCAGAATACTAAACATGAAAA
	Exon 8	F:GCAATCAACATCAATGCCTTAC / R:AAGAGCGTATTTTCAATTGACTTAGA
	Exon 9	F:GACTTCTGTTGCCTTGAAATGA / R:AAAAGGCAGTTTGCTTCTTCAG
<i>SF3B1</i>	Exon 14	F:AAGGCCGAGAGATCATTCTAA / R:AGTCCAGTCTGGGCAACATAGT
	Exon 15-16	F:ATGTGAACATATTCTGCAGTTTG / R:TGTTAGAACCATGAAACATATCCA
<i>NOTCH1</i>	Exon 34	F:AAACATCCAGCAGCAGCAAA / R:CACAGGCGAGGAGTAGCTGTG F:GTGACCGCAGCCCAGTTC / R:AAAGGAAGCCGGGGTCTC
<i>TP53</i>	Exon 3-4	F:CCATGGGACTGACTTTCTGC / R:CTTTGGGACAGGAGTCAGAGA
	Exon 5-6	F:GGAGGTGCTTACGCATGTTT / R:TTGCACATCTCATGGGGTTA
	Exon 7	F:CCTGCTTGCCACAGGTCT / R:GATGAGAGGTGGATGGGTAGT
	Exon 8-9	F:GGCTTCTCCTCCACCTACCT / R:CGGCATTTTGAGTGTTAGACTG

Supplementary Table 3

Gene	Location	Mutation(case number)
<i>MYD88</i>	Exon5	L273P(2)
<i>BIRC3</i>	Exon7	V386M(1)
<i>SF3B1</i>	Exon14	Y623C(1), H662Y(1), T663I(1)
	Exon15-16	K700E(3)
<i>TP53</i>	Exon3-4	V311I(3), P92L(1), p.79-88 del(1), splice agtc->attc(1)
	Exon5	F134S(1), V173L(1), P177L(1), P153AfsX28(1)
	Exon6	Y205C(1)
	Exon7	M237X(1), G245S(1)
	Exon8	C275Y(1), E286K(1), R282P(1)
	Rxon9	Q317X(1)
<i>NOTCH1</i>	PEST1	Q2459X(1), F2509Xfs1(1), P2514RfsX4(5), I2574I(1)

Supplementary Table 4

		FISH 11q-	
		Neg	Pos
<i>SF3B1</i>	Wild	70	4
	mutant	1	5
		P<0.001	

		FISH 17p-	
		Neg	Pos
<i>TP53</i>	Wild	61	2
	mutant	12	5
		P=0.004	