

Supplementary Table S3. Biological and clinical features of the 168 CLL patients according to *EGR2*, *NFKBIE* and *BRAF* mutations

| | <i>EGR2</i> - wildtype n=154 | <i>EGR2</i> - mutated n=14 | <i>P</i> | <i>NFKBIE</i> - wildtype n =150 | <i>NFKBIE</i> - mutated n=18 | <i>P</i> | <i>BRAF</i> - wildtype n=162 | <i>BRAF</i> - mutated n=6 | <i>P</i> |
|--|------------------------------------|----------------------------------|----------|---------------------------------------|------------------------------------|----------|------------------------------------|---------------------------------|----------|
| Age (years), median | 56.6 | 54.6 | .61 | 56.6 | 56.1 | .86 | 56.6 | 56.1 | .77 |
| range | 39.6 – 66 | 39.1 – 63.1 | | 39.1 – 66 | 45.7-65.8 | | 39.1 – 66.0 | 43.7 – 64.4 | |
| Sex | | | .75 | | | 1 | | | .34 |
| Female | 37 | 4 | | 37 | 4 | | 41 | 0 | |
| Male | 117 | 10 | | 113 | 14 | | 121 | 6 | |
| Binet stage | | | .33 | | | 1 | | | .63 |
| B | 119 | 9 | | 114 | 14 | | 124 | 4 | |
| C | 35 | 5 | | 36 | 4 | | 38 | 2 | |
| Lymphocytes (x10 ⁹ /L), median | | | .69 | | | .66 | | | .11 |
| Range | 53.3 3.68 – 849 | 45.9 53.3 - 396 | | 50.1 36.8 – 849 | 58.2 43.4 - 605 | | 53.87 36.8 - 849 | 26.02 6.10 - 838.8 | |
| Haemoglobin (g/L), median | 13.5 | 12.1 | .06 | 13.3 | 13.6 | .91 | 13.3 | 13.5 | .29 |
| Range | 7.5 - 16.6 | 7.9 - 15.6 | | 7.5 - 16.6 | 9.3 - 14.8 | | 7.5 - 16.6 | 12.8 - 16.4 | |
| Platelets (x10 ⁹ /L), median | 168 | 157.5 | .73 | 168 | 180.5 | .39 | 170 | 123 | .3 |
| Range | 29 - 404 | 7.9 - 356 | | 7.91 - 404 | 70 - 301 | | 7.91 - 404 | 83 - 271 | |
| CD38⁺ high (>30%), median | 17 | 70 | .009 | 19 | 16 | .99 | 18 | 57.5 | .36 |
| Range | 0 - 100 | 4 - 99 | | 0 - 100 | 0 - 87 | | 0 - 100 | 1 - 88 | |
| sCD23⁺ , median | 257 | 237.5 | .8 | 258 | 256 | .90 | 257 | 510.5 | .27 |
| range | 47 - 910 | 80 - 440 | | 47 - 910 | 102 - 489 | | 47 - 910 | 250 - 771 | |
| ZAP-70⁺ | | | .44 | | | .51 | | | .30 |
| Positiv (≥20%) | 79 | 8 | | 77 | 10 | | 85 | 2 | |
| negativ | 32 | 1 | | 31 | 2 | | 31 | 2 | |
| IGHV mutated | 51 | 2 | .22 | 52 | 1 | .056 | 53 | 1 | .66 |
| unmutated (≥ 98% homology) | 94 | 11 | | 90 | 15 | | 100 | 5 | |
| del(13)(q14.3) | | | 0.2 | | | .28 | | | .78 |
| absent | 59 | 9 | | 63 | 5 | | 65 | 3 | |
| present, mono-allelic | 65 | 4 | | 60 | 9 | | 67 | 2 | |
| present, bi-allelic | 11 | 0 | | 9 | 2 | | 11 | 0 | |
| del(11)(q22.3) | | | .11 | | | .13 | | | .57 |
| absent | 103 | 7 | | 101 | 9 | | 106 | 4 | |
| present | 34 | 6 | | 33 | 7 | | 40 | 0 | |
| +12 | | | 1 | | | .37 | | | .41 |
| absent | 128 | 11 | | 123 | 16 | | 135 | 4 | |
| present | 14 | 1 | | 15 | 0 | | 14 | 1 | |
| del(17)(p13.1) | | | .6 | | | .37 | | | .032 |
| absent | 126 | 13 | | 123 | 16 | | 137 | 2 | |
| present | 12 | 0 | | 12 | 0 | | 10 | 2 | |

