**Supplementary Table 1: Primers’ sequences for *CYP3A4\*1B* and *CYP3A5\*3* genotyping**.

|  |  |
| --- | --- |
| **Primers** | **Sequence (5′-3′)** |
| ***CYP3A4\*1B*** | |
| ***Forward wild type (F1)*** | AGCCATAGAGACAAGGGCAA |
| ***Forward variant (F2)*** | AGCCATAGAGACAAGGGCAG |
| ***Reverse common (R)*** | TAGAGGAGCACCAGGCTGAC |
| ***β-actin (F)*** | CCCAGCCATGTACGTTGCTA |
| ***β-actin (R)*** | AGGGAGGAGCTGGAAGCAG |
| ***CYP3A5\*3*** | |
| ***Forward wild type (F1)*** | TGGTCCAAACAGGGAAGAGACAC |
| ***Forward variant (F2)*** | TGGTCCAAACAGGGAAGAGAGAT |
| ***Reverse common (R)*** | AGGCAACATGACTTAGTAGACAGATG |

**Supplementary Table 2: Thermal cycler program for *CYP3A4\*1B* and *CYP3A5\*3* variants.**

|  |  |  |  |
| --- | --- | --- | --- |
| ***CYP3A4\*1B*** | | | |
|  | **Stage** | **Temperature** | **Time** |
| **1 cycle** | Initial denaturation | 94 °C | 5 minutes |
| **25 cycles** | Denaturation | 94 °C | 30 seconds |
| Annealing | 60 °C | 30 seconds |
| Extension | 72 °C | 30 seconds |
| **1 cycle** | Final extension | 72 °C | 7 minutes |
| ***CYP3A5\*3*** | | | |
| **1 cycle** | Initial denaturation | 95 °C | 5 minutes |
| **35 cycles** | Denaturation | 94 °C | 30 seconds |
| Annealing | 50 °C | 30 seconds |
| Extension | 72 °C | 30 seconds |
| **1 cycle** | Final extension | 72 °C | 7 minutes |

**Supplementary Table 3: Laboratory measurements of B-CLL patients**.

|  |  |
| --- | --- |
| **Parameter** | **Result** |
| WBCs (×109/L) | 75.2 (51 *–* 180) |
| Lymphocytes (×109/L) | 69.2 (43 *–* 177.2) |
| Neutrophils (×109/L) | 3.7 ±1.41 |
| Platelets (×109/L) | 197 (80 *–* 269) |
| Hemoglobin (g/dl) | 10.97 ±1.21 |
| LDH (U/L) | 289.5 (180 *–* 401) |
| β2 microglobulin (mg/L) | 5.09 ± 2.0 |
| IL-6 (ng/L) | 49.0 (22.5 *–* 83.3) |
| TNF-α (ng/L) | 38.5 (14 *–* 72.4) |

WBCs: White blood cells, LDH: Lactate dehydrogenase, IL-6: interleukin 6, TNF-α: tumor necrotic factor alpha.