

Table S2
Characteristics of Isotype Switched B-CLL Cases Studied

| Non-IgM CLL No. | Gender | Isotype | V Gene Family | Most Homologous Germline V Gene | Percent V Gene Difference | Most Likely D segment | J Gene | CDR3 Length | GenBank Accession Number |
|------------------------|---------------|----------------|----------------------|----------------------------------------|----------------------------------|------------------------------|---------------|--------------------|---------------------------------|
| 109 | F | γ2 | V _H 1 | 1-18 | 7.7 | 3-16 | 4b | 10 | AF021944 |
| | | | κI | A20 | 3.9 | | Jκ4 | 9 | AY043092 |
| 158 | M | α | V _H 1 | 1-02 | 0.0 | 2-2 | 5b | 17 | AF021941 |
| | | | κIII | L2 | 0.0 | | Jκ2 | 10 | AY043087 |
| 030 | M | γ1 | V _H 3 | H11 | 6.0 | ? | 5b | 12 | X84334 |
| | | | κI | L12a | 6.4 | | Jκ4 | 9 | X84341 |
| 040 | F | γ1 | V _H 3 | 3-30 | 0.3 | 2-15 | 6c | 13 | X84337 |
| | | | κI | L9 | 0.0 | | Jκ1 | 10 | X84344 |
| 111 | M | γ1 | V _H 3 | 3-07 | 6.1 | ? | 6b | 15 | AF021945 |
| | | | κI | A30 | 3.8 | | Jκ3 | 11 | AY043093 |
| GN01 | M | γ1 | V _H 3 | 3-53 | 7.0 | ? | 4b | 14 | AJ389169 |
| | | | κI | L12a | 4.5 | | Jκ1 | 9 | AJ388640 |
| 185 | M | γ | V _H 3 | 3-13 | 0.7 | 5-12 | 4b | 15 | AY268370 |
| | | | κIII | L6 | 0.0 | | Jκ4 | 10 | AY043098 |
| 089 | M | γ1 | V _H 3 | 3-23 | 6.1 | ? | 6a | 18 | AF021943 |
| | | | λI | 1g | 1.7 | | Jλ2 | 11 | AY043091 |
| 005 | M | γ1 | V _H 3 | 3-30 | 8.4 | 2-8 | 2 | 11 | AF021964 |
| | | | λII | 2b2 | 8.4 | | Jλ2 | 12 | AY043088 |
| 078 | F | γ1 | V _H 3 | 3-30 | 5.3 | 3-22 | 6c | 17 | AF021942 |
| | | | λII | 2a2 | 4.4 | | Jλ2 | 11 | AY043090 |
| GN15 | M | γ1 | V _H 3 | 3-07 | 5.1 | ? | 4b | 7 | AJ389182 |
| | | | λII | 2c | 4.1 | | Jλ2 | 12 | AJ388658 |
| 075 | F | γ3 | V _H 3 | 3-33 | 8.9 | 3-9 | 6b | 20 | AF021966 |
| | | | λIII | 3l | 8.0 | | Jλ2 | 11 | AY043089 |
| 039* | F | γ3 | V _H 4 | 4-39 | 0.3 | 6-13 | 5b | 16 | X84336 |
| | | | κI | O12/2 | 0.0 | | Jκ2 | 9 | X84343 |
| 055 | M | γ1 | V _H 4 | 4-34 | 9.0 | ? | 5b | 15 | X84338 |
| | | | κI | L19 | 6.3 | | Jκ4 | 10 | X84345 |
| 057* | F | γ3 | V _H 4 | 4-39 | 0.7+ | 6-13 | 5b | 17 | X84339 |
| | | | κI | O12/2 | 0.0 | | Jκ1 | 9 | X84346 |
| 114* | M | γ1 | V _H 4 | 4-39 | 0.0+ | 6-13 | 5b | 16 | AY268372 |
| | | | κI | O12/2 | 0.0 | | Jκ1 | 9 | AY043094 |
| 132 | M | γ2 | V _H 4 | 4-34 | 5.4 | 5-24 | 4b | 12 | AF021946 |
| | | | κI | L12a | 6.3 | | Jκ4 | 9 | AY043096 |
| 202* | F | γ3 | V _H 4 | 4-39 | 0.7 | 6-13 | 5b | 17 | AY268373 |
| | | | κI | O12/2 | 0.0 | | Jκ1 | 9 | AY043101 |
| 209* | M | NA | V _H 4 | 4-39 | | 6-13 | 5b | | AY300037 |
| | | | NA** | NA** | NA** | NA** | NA** | NA** | NA** |
| 183 | M | γ2 | V _H 4 | 4-34 | 3.1 | 2-21 | 6b | 18 | AF021948 |
| | | | κII | A17 | 1.6 | | Jκ2 | 10 | AY043097 |
| 033 | M | γ1 | V _H 4 | 4-34 | 8.0 | 2-15 | 6b | 22 | X84335 |
| | | | κIII | A27 | 4.8 | | Jκ1 | 9 | X84342 |
| 128 | M | γ1 | V _H 4 | 4-34 | 8.1 | 4-11 | 4b | 12 | AF021946 |
| | | | κIII | A27 | 4.8 | | Jκ3 | 11 | AY043095 |
| 186 | F | γ | V _H 4 | 4-34 | 4.8 | [7-27, 2-8] | 6b | 18 | AY268371 |
| | | | κIII | A27 | 3.5 | | Jκ2 | 9 | AY043099 |
| 001 | M | γ1 | V _H 4 | 4-34 | 5.0 | 3-22 | 6c | 19 | X84333 |
| | | | λI | 1e | 6.0 | | Jλ2 | 11 | X84340 |
| 097 | F | α | V _H 7 | 7-04.1 | 0.0 | 3-10 | 4b | 11 | AF021940 |
| | | | κI | O12/2 | 0.0 | | Jκ2 | 10 | AY043086 |

*: Denotes B-CLL cells expressing virtually identical BCRs
 **: Not available
 +: Based on genomic (T cell) DNA sequence of patient's germline V_H 4-39 gene