## Supplementary table 1 Complete DTC status at all time points for BM2 positive patients

|  | Patient Number | BM1 | BM1 \#DTC | BM2 \#DTC | BM3 | BM3 \#DTC | BM4 | BM4 \#DTC |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 20 | neg | 0 DTC | 2 DTC | neg | 0 DTC | neg | 0 DTC |
| 2 | 32 | neg | 0 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| 3 | 33 | neg | 0 DTC | 2 DTC | neg | 0 DTC | neg | 0 DTC |
| 4 | 35 | neg | 0 DTC | 2 DTC | neg | 0 DTC | neg | 0 DTC |
| 5 | 39 | neg | 0 DTC | 3-9 DTC | neg | 0 DTC | neg | 0 DTC |
| 6 | 40 | neg | 0 DTC | 1 DTC | pos | 1 DTC | neg | 0 DTC |
| 7 | 44 | neg | 0 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| 8 | 45 | neg | 0 DTC | 1 DTC | pos | 1 DTC | neg | 0 DTC |
| 9 | 47 | neg | 0 DTC | 3-9 DTC | neg | 0 DTC | Not performed | Not performed |
| 10 | 65 | neg | 0 DTC | 2 DTC | neg | 0 DTC | neg | 0 DTC |
| 11 | 79 | pos | 1 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| 12 | 86 | neg | 0 DTC | 1 DTC | neg | 0 DTC | pos | 1 DTC |
| 13 | 96 | neg | 0 DTC | 1 DTC | neg | 0 DTC | pos | 1 DTC |
| 14 | 97 | pos | 1 DTC | 2 DTC | Not performed | Not performed | Not performed | Not performed |
| 15 | 98 | neg | 0 DTC | 1 DTC | neg | 0 DTC | pos | 1 DTC |
| 16 | 115 | neg | 0 DTC | 2 DTC | neg | 0 DTC | neg | 0 DTC |
| 17 | 117 | pos | 1 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| 18 | 128 | neg | 0 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| 19 | 170 | pos | 1 DTC | $\geq 10$ DTC | Not performed | Not performed | Not performed | Not performed |
| 20 | 171 | neg | 0 DTC | 3-9 DTC | neg | 0 DTC | neg | 0 DTC |
| 21 | 181 | neg | 0 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| 22 | 185 | neg | 0 DTC | 1 DTC | pos | 1 DTC | pos | 1 DTC |
| 23 | 195 | neg | 0 DTC | 1 DTC | pos | 1 DTC | pos | 1 DTC |
| 24 | 202 | neg | 0 DTC | $\geq 10$ DTC | pos | $\geq 10$ DTC | Not performed | Not performed |


| 25 | 205 | neg | 0 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 26 | 236 | neg | 0 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| 27 | 243 | neg | 0 DTC | 1 DTC | Not performed | Not performed | Not performed | Not performed |
| 28 | 251 | neg | 0 DTC | 2 DTC | neg | 0 DTC | pos | 2 DTC |
| 29 | 259 | neg | 0 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| 30 | 267 | neg | 0 DTC | 2 DTC | neg | 0 DTC | neg | 0 DTC |
| 31 | 277 | neg | 0 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| 32 | 278 | neg | 0 DTC | 1 DTC | pos | 1 DTC | neg | 0 DTC |
| 33 | 280 | neg | 0 DTC | $\geq 10$ DTC | pos | $\geq 10$ DTC | Not performed | Not performed |
| 34 | 311 | neg | 0 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| 35 | 342 | neg | 0 DTC | 2 DTC | neg | 0 DTC | neg | 0 DTC |
| 36 | 343 | neg | 0 DTC | $\geq 10$ DTC | Not performed | Not performed | Not performed | Not performed |
| 37 | 366 | pos | 1 DTC | 1 DTC | pos | 1 DTC | neg | 0 DTC |
| 38 | 383 | neg | 0 DTC | 1 DTC | Not performed | Not performed | Not performed | Not performed |
| 39 | 396 | neg | 0 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| 40 | 440 | pos | $\geq 10$ DTC | 2 DTC | Not performed. | .Not performed | pos | 1 DTC |
| 41 | 477 | neg | 0 DTC | $\geq 10$ DTC | Not performed | Not performed | Not performed | Not performed |
| 42 | 512 | neg | 0 DTC | 1DTC | neg | 0 DTC | neg | 0 DTC |
| 43 | 562 | pos | $\geq 10$ DTC | $\geq 10$ DTC | pos | $\geq 10$ DTC | Not performed | Not performed |
| 44 | 569 | neg | 0 DTC | 1DTC | Not performed | Not performed | Not performed | Not performed |
| 45 | 578 | neg | 0 DTC | 3-9 DTC | neg | 0 DTC | neg | 0 DTC |
| 46 | 587 | neg | 0 DTC | 1 DTC | Not performed | Not performed | Not performed | Not performed |
| 47 | 601 | neg | 0 DTC | 3-9 DTC | neg | 0 DTC | neg | 0 DTC |
| 48 | 613 | neg | 0 DTC | 2 DTC | neg | 0 DTC | neg | 0 DTC |
| 49 | 630 | neg | 0 DTC | 1 DTC | pos | 1 DTC | neg | 0 DTC |
| 50 | 648 | neg | 0 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| 51 | 661 | neg | 0 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| 52 | 669 | neg | 0 DTC | 2 DTC | neg | 0 DTC | neg | 0 DTC |


| 53 | 677 | pos | 3-9 DTC | 3-9 DTC | neg | 0 DTC | neg | 0 DTC |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 54 | 695 | pos | 2 DTC | 3-9 DTC | neg | 0 DTC | pos | 1 DTC |
| 55 | 708 | neg | 0 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| 56 | 740 | neg | 0 DTC | 3-9 DTC | neg | 0 DTC | neg | 0 DTC |
| 57 | 751 | pos | 1 DTC | $\geq 10$ DTC | neg | 0 DTC | Not performed | Not performed |
| 58 | 755 | neg | 0 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| 59 | 766 | neg | 0 DTC | 1 DTC | neg | 0 DTC | Not performed | Not performed |
| 60 | 786 | neg | 0 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| 61 | 805 | neg | 0 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| 62 | 813 | neg | 0 DTC | 2 DTC | Not performed | Not performed | Not performed | Not performed |
| 63 | 821 | neg | 0 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| 64 | 839 | neg | 0 DTC | 2 DTC | neg | 0 DTC | neg | 0 DTC |
| 65 | 852 | neg | 0 DTC | 2 DTC | neg | 0 DTC | neg | 0 DTC |
| 66 | 858 | neg | 0 DTC | 3-9 DTC | neg | 0 DTC | neg | 0 DTC |
| 67 | 878 | pos | 1 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| 68 | 895 | neg | 0 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| 69 | 908 | neg | 0 DTC | 3-9 DTC | neg | 0 DTC | neg | 0 DTC |
| 70 | 928 | neg | 0 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| 71 | 929 | neg | 0 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| 72 | 964 | neg | 0 DTC | $\geq 10$ DTC | Not performed | Not performed | Not performed | Not performed |
| 73 | 983 | neg | 0 DTC | 1 DTC | neg | 0 DTC | pos | 1 DTC |
| 74 | 1009 | neg | 0 DTC | 2 DTC | neg | 0 DTC | Not performed | Not performed |
| 75 | 1031 | neg | 0 DTC | 1 DTC | pos | 3-9 DTC | neg | 0 DTC |
| 76 | 1045 | pos | 2 DTC | 2 DTC | neg | 0 DTC | neg | 0 DTC |
| 77 | 1049 | neg | 0 DTC | 1 DTC | Not performed | Not performed | Not performed | Not performed |
| 78 | 1054 | pos | 1 DTC | 3-9 DTC | neg | 0 DTC | neg | 0 DTC |
| 79 | 1061 | pos | 1 DTC | 1 DTC | pos | 2 DTC | Not performed | Not performed |
| 80 | 1062 | neg | 0 DTC | $\geq 10$ DTC | neg | 0 DTC | neg | 0 DTC |


| 81 | 1078 | neg | 0 DTC | 2 DTC | neg | 0 DTC | pos | 1 DTC |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 82 | 1100 | neg | 0 DTC | 1 DTC | neg | 0 DTC | neg | 0 DTC |
| 83 | 1122 | pos | 2 DTC | $3-9$ DTC | neg | 0 DTC | pos | $3-9$ DTC |

