**Supplementary Table 1**: Phenotypic analysis of lymphocyte subsets in P1 and P2 before and after haematopoietic stem cell transplantation (HSCT).

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| --- | --- | --- | --- | --- | --- |
|  | **P1** | | **P2** | | **Normal value** |
| Pre-HSCT | 300 days post HSCT | Pre-HSCT | 250 days post HSCT |  |
| **CD3 +** | 4218 | 2410 | 6498 | 1830 | 1100 - 3900 |
| **CD4 +** | 2948 | 790 | 4043 | 600 | 700 - 2000 |
| **CD8 +** | 1300 | 1530 | 2077 | 1075 | 500 - 1400 |
| **CD19+** | 512 | 360 | 958 | 959 | 400 - 1500 |
| **CD3+ DR+** | 19% | 46% | 9% | 35% | 3 – 11% |
| **CD16+/CD56+** | 217 | 490 | 657 | 516 | 100 - 700 |
| **CD4+ CD45RA+** | 1209  35% CD4+ | 337  49% CD4+ | 2264  59% CD4+ | 180  30% CD4+ | 430 – 1500 |
| **CD4+ CD45RA-** | 1739  65% CD4+ | 351  51% CD4+ | 1779  41% CD4+ | 410  70% CD4- | 220 – 660 |
| **CD4+ RTE** | 884 | 282 | 1819 | 132 | 50 - 926 |
| **CD4+ FOXP3+** | 1% | 2.4%(D400) | 0,7% | 1,7% (D330) | 3 – 10% |
| **IgG** | 10,0 | 5,0 | 8,8 | 13,3 | 5,6 – 14,8 g/l |
| **BrdU+ T cells after PHA stimulation** | 66 | 52 | 54 | 48 | 29-57% |
| **BrdU+ T cells after CD3/CD28**  **stimulation** | 42 | 66 | 15 | 24 | 50-85% |

Units: 106 cells/l; RTE: recent thymic emigrants; D330: day 330 post HSCT; PHA: Phytohemagglutinin. T cell proliferation was assessed after stimulation by PHA or anti-CD3 and anti-CD28 antibodies (BD Biosciences) by flow cytometry using 5-bromo-2'-deoxyuridine (BrDU) and anti-BrDU antibody (BD Biosciences). % of proliferating BrdU+ CD3+ T cells are indicated.