151571-INS-RG1

**Nucleocapsid-specific and PD-L1+CXCR3+ CD8 polyfunctional T-cell abundances are associated with survival of critical SARS-CoV2-infected patients**

Lucille Adam et al.

**Supplementary tables**

**Table S1: Mass cytometry Panel #1 T cell phenotyping**

|  |  |  |  |
| --- | --- | --- | --- |
| Channels | Markers | Clones | Suppliers |
| 106Cd | CD11c | BU13 | BD Biosciences |
| 110Cd | CD14 | M5E2 | BD Biosciences |
| 111Cd | CD4 | SK3 | Biolegend |
| 112Cd | CD3 | UCHT1 | BD Biosciences |
| 113Cd | CD8 | SK1 | Biolegend |
| 114Cd | HLA-DR | L243 | Biolegend |
| 116Cd | CD19 | HIB19 | BD Biosciences |
| 141Pr | CX3CR1 | K1024-E1 | Biolegend |
| 142Nd | Caspase 3 | D3E9 | Biolegend |
| 143Nd | CD95 | DX2 | Biolegend |
| 144Nd | CD38 | HIT2 | Fluidigm |
| 148Nd | CD16 | 3G8 | Fluidigm |
| 152Sm | CD45RA | HI100 | BD Biosciences |
| 155Gd | CD27 | L128 | Fluidigm |
| 156Gd | CD183 (CXCR3) | G025H7 | Fluidigm |
| 159Tb | Foxp3 | 259D/C7 | Fluidigm |
| 161Dy | CD25 (IL-2R) | Hu107 | R&D |
| 162Dy | CD161 | 581 | Biolegend |
| 164Dy | CD185 (CXCR5) | 51505 | R&D |
| 165Ho | CD127 (IL-7Ra) | A019D5 | Fluidigm |
| 167Er | CD197 (CCR7) | G043H7 | Fluidigm |
| 168Er | CD274 (PDL-1) | 29R-2A3 | Biolegend |
| 173Yb | CD141 | 1A4 | Fluidigm |
| 174Yb | CD279 (PD-1) | EH12.2H7 | Fluidigm |
| 175Lu | CD66b | 1H9 | BD Biosciences |
| 176Yb | CD56 | NCAM16.2 | Fluidigm |
| 209Bi | CD11b (Mac-1) | ICRF44 | Fluidigm |
| 89Y | CD45 | HI30 | Fluidigm |

**Table S2: Mass cytometry Panel #2 for T cell function assessments**

|  |  |  |  |
| --- | --- | --- | --- |
| Channels | Markers | Clones | Suppliers |
| 106Cd | CX3CR1 | K1024-E1 | Biolegend |
| 111Cd | CD4 | SK3 | Biolegend |
| 112Cd | CD3 | UCHT1 | BD Biosciences |
| 113Cd | CD8 | SK1 | Biolegend |
| 114Cd | HLA-DR | L243 | Biolegend |
| 116Cd | CD19 | HIB19 | BD Biosciences |
| 141Pr | CD196 (CCR6) | G034E3 | Fluidigm |
| 143Nd | IL5 | TRFK5 | Fluidigm |
| 144Nd | CD38 | HIT2 | Fluidigm |
| 145Nd | CD62L | DREG-56 | Biolegend |
| 146Nd | TNF | Mab11 | Fluidigm |
| 147Sm | CD49a | TS2/7 | Biolegend |
| 148Nd | Ki67 | Ki67 | Biolegend |
| 149Sm | CD25 (IL-2R) | 2A3 | Fluidigm |
| 150Nd | MIP1b | D12-1351 | Fluidigm |
| 151Eu | CD49d | 9F10 | Biolegend |
| 152Sm | CD45RA | HI100 | BD Biosciences |
| 154Sm | CD69 | FN50 | Biolegend |
| 155Gd | CD27 | L128 | Fluidigm |
| 156Gd | CD183 (CXCR3) | G025H7 | Fluidigm |
| 159Tb | FoxP3 | 259D/C7 | Fluidigm |
| 160Gd | Tbet | 4B10 | Fluidigm |
| 161Dy | CXCR6 (CD186) | K041E5 | Biolegend |
| 162Dy | CD161 | 581 | Biolegend |
| 163Dy | CRTH2 | BM16 | Fluidigm |
| 164Dy | IL17A | N49-653 | Fluidigm |
| 165Ho | CD127 (IL-7Ra) | A019D5 | Fluidigm |
| 166Er | IL-2 | MQ1-17H12 | Fluidigm |
| 167Er | CD197 (CCR7) | G043H7 | Fluidigm |
| 168Er | IFN | B27 | Fluidigm |
| 170Er | CD152 (CTLA-4) | 14D3 | Fluidigm |
| 171Yb | CD185/CXCR5 | 51505 | R&D |
| 172Yb | IFN | 7N4-1 | Fluidigm |
| 173Yb | Granzyme B | GB11 | Fluidigm |
| 174Yb | CD279 (PD-1) | EH12.2H7 | Fluidigm |
| 175Lu | Perforin | B-D48 | Fluidigm |
| 176Yb | CD56 | NCAM16.2 | Fluidigm |
| 209Bi | CD11b | ICRF44 | Fluidigm |
| 89Y | CD45 | HI30 | Fluidigm |