**Supplementary file 3.** Reference panel of anti-human antibodies for the diffuse large B-cell lymphoma (DLBCL) imaging mass cytometry experiment.

|  |  |  |  |
| --- | --- | --- | --- |
| **Isotope** | **Element** | **Marker** | **Dilution\*** |
| 141 | Pr | αSMA |  1:2000 |
| 144 | Nd | CD74 |  1:100 |
| 146 | Nd | CD16 |  1:200 |
| 147 | Sm | CD68 |  1:500 |
| 150 | Nd | PD-L1 |  1:100 |
| 151 | Eu | CD31 |  1:200 |
| 152 | Sm | CD45 |  1:500 |
| 155 | Gd | FOXP3 |  1:1000 |
| 156 | Gd | CD4 |  1:200 |
| 161 | Dy | CD20 |  1:400 |
| 162 | Dy | CD8 |  1:400 |
| 165 | Ho | PD1 |  1:100 |
| 166 | Er | CD45RA |  1:2000 |
| 167 | Er | Granzyme B |  1:100 |
| 168 | Er | Ki-67 |  1:1000 |
| 170 | Er | CD3 |  1:400 |
| 173 | Yb | CD45 RO |  1:1000 |
| 175 | Lu | CD11c |  1:400 |
| 176 | Yb | β2 microglobulin |  1:200 |
| 191 | Ir | nuclei | 1:4000 |

\*Dilution factors for antibody cocktail described in Appendix 2.