

SUPPLEMENTARY TABLE S2. OVERVIEW OF THE LYOPLATE SCREENING RESULTS, DISPLAYING THE PERCENTAGE OF POSITIVE CELLS PER MARKER AND THE MEAN FLUORESCENT INTENSITY OF THE WHOLE CELL POPULATION AND OF THE POSITIVE CELL POPULATION

| <i>Cell surface marker</i> | <i>% positive cells</i> | <i>MFI</i> | <i>MFI positive cell population</i> |
|----------------------------|-------------------------|------------|-------------------------------------|
| CD1a | 0.02 | 60.56 | 387.81 |
| CD1b | 0.03 | 62.54 | 2,081.35 |
| CD1d | 0.02 | 61.46 | 629.95 |
| CD2 | 0.02 | 65.79 | 414.31 |
| CD3 | 0.04 | 81.36 | 34,531.61 |
| CD4 | 0 | 69.9 | 131,443.89 |
| CD4v4 | 0.53 | 79.58 | 3,117.92 |
| CD5 | 0.02 | 68.34 | 24,245.49 |
| CD6 | 0.03 | 62.56 | 452.57 |
| CD7 | 0.02 | 63.68 | 418.35 |
| CD8a | 0.02 | 67.67 | 26,642.76 |
| CD8b | 0.06 | 62.16 | 685.3 |
| CD9 | 73.46 | 2230.13 | 2,969.22 |
| CD10 | 40.79 | 443.25 | 873.55 |
| CD11a | 0.03 | 61.39 | 457.62 |
| CD11b | 0.07 | 66.39 | 470.74 |
| CD11c | 0.02 | 61.15 | 815.02 |
| CD13 | 0.03 | 66.66 | 2,135.37 |
| CD14 | 0.02 | 65.21 | 17,853.5 |
| CD15 | 0.03 | 62.16 | 571.04 |
| CD15s | 0.12 | 62.54 | 619.91 |
| CD16 | 0.01 | 61.92 | 470.66 |
| CD18 | 0.01 | 61.62 | 353.93 |
| CD19 | 0.02 | 60.35 | 533.68 |
| CD20 | 0.12 | 68.27 | 5,257.89 |
| CD21 | 0.05 | 68.99 | 5,105.64 |
| CD22 | 0.26 | 73.58 | 403.06 |
| CD23 | 0.02 | 62.8 | 374.28 |
| CD24 | 0.05 | 61.21 | 369.33 |
| CD25 | 0.04 | 65.03 | 511.55 |
| CD26 | 0.97 | 86.05 | 1,164.57 |
| CD27 | 0.13 | 64.08 | 422.32 |
| CD28 | 0.06 | 68.72 | 10,331.49 |
| CD29 | 28.53 | 265.01 | 459.92 |
| CD30 | 0.13 | 68.3 | 425.57 |
| CD31 | 0.06 | 61.6 | 495.87 |
| CD32 | 0.03 | 64.97 | 3,665.9 |
| CD33 | 5.84 | 101.08 | 499.44 |
| CD34 | 0.89 | 76.18 | 1,466.18 |
| CD35 | 0.03 | 74.98 | 37,838.51 |
| CD36 | 0.37 | 73.08 | 2,382.07 |
| CD37 | 0.02 | 63.44 | 657.6 |
| CD38 | 0.04 | 69.14 | 14,953.86 |
| CD39 | 3.05 | 88.72 | 499.34 |
| CD40 | 75.04 | 535.41 | 640.39 |
| CD41a | 0.06 | 64.47 | 466.15 |
| CD41b | 0.02 | 77.06 | 58,622.46 |
| CD42a | 0.22 | 63.98 | 542.88 |
| CD42b | 0.02 | 61.71 | 594.54 |
| CD43 | 1.52 | 81.82 | 596.52 |
| CD44 | 87.34 | 3602.71 | 4,095.4 |
| CD45 | 0.03 | 62.15 | 1,559.62 |
| CD45RA | 0.1 | 68.42 | 5,898.37 |
| CD45RB | 0.02 | 62.92 | 420.74 |
| CD45RO | 0.34 | 64.83 | 804.93 |
| CD46 | 98.65 | 1372.06 | 1,387.6 |
| CD47 | 98.69 | 2631.5 | 2,663.26 |

(continued)

SUPPLEMENTARY TABLE S2. (CONTINUED)

| <i>Cell surface marker</i> | <i>% positive cells</i> | <i>MFI</i> | <i>MFI positive cell population</i> |
|----------------------------|-------------------------|------------|-------------------------------------|
| CD48 | 0.06 | 63.25 | 771.91 |
| CD49a | 0.1 | 62.84 | 535.9 |
| CD49b | 39.14 | 319.92 | 536.6 |
| CD49c | 27.48 | 333.18 | 851.96 |
| CD49d | 0.08 | 72.86 | 8,027.75 |
| CD49e | 93.5 | 2499.21 | 2,658.86 |
| CD50 | 0.25 | 66.69 | 570.85 |
| CD51/61 | 77.52 | 744.6 | 902.04 |
| CD53 | 0.02 | 63.08 | 388.29 |
| CD54 | 89.5 | 2415.9 | 2,674.33 |
| CD55 | 84.04 | 704.57 | 795.89 |
| CD56 | 1.34 | 90.4 | 1,861.15 |
| CD57 | 0.89 | 83.49 | 1,519.14 |
| CD58 | 74.03 | 1451.61 | 1,897.03 |
| CD59 | 86.15 | 1615.93 | 1,842.75 |
| CD61 | 63.23 | 620.77 | 872.41 |
| CD62E | 0.02 | 74.72 | 680.8 |
| CD62L | 0.03 | 78.19 | 18,463.43 |
| CD62P | 0.04 | 82.82 | 483.45 |
| CD63 | 97.91 | 2710.13 | 2,763.08 |
| CD64 | 0.03 | 68.73 | 1,610.18 |
| CD66(a.c.d.e) | 65.35 | 691.66 | 964.19 |
| CD66b | 0.31 | 76.08 | 470.4 |
| CD66f | 0.03 | 70.91 | 11,148.23 |
| CD69 | 0.03 | 66.96 | 391.13 |
| CD70 | 0.12 | 80.49 | 406.93 |
| CD71 | 11.43 | 188.22 | 813.2 |
| CD72 | 0.04 | 81.57 | 41,405.29 |
| CD73 | 26.95 | 325.54 | 861.21 |
| CD74 | 20.57 | 293.99 | 996.78 |
| CD75 | 0.23 | 66.99 | 507.59 |
| CD77 | 0.62 | 80.16 | 2,077.25 |
| CD79b | 0.85 | 88.02 | 2,214.36 |
| CD80 | 0.13 | 87.23 | 5,620.58 |
| CD81 | 95.1 | 4925.73 | 5,168.98 |
| CD83 | 0.84 | 93.7 | 1,300.49 |
| CD84 | 0.07 | 84.55 | 13,976.1 |
| CD85 | 0.02 | 74.36 | 564.79 |
| CD86 | 0.04 | 61.11 | 4,065.21 |
| CD87 | 0.09 | 62.72 | 424.7 |
| CD88 | 0.01 | 60.41 | 4,047.17 |
| CD89 | 0.03 | 73.93 | 33,117.28 |
| CD90 | 16.11 | 642.45 | 3,576.25 |
| CD91 | 2.71 | 105.28 | 1,162.07 |
| CDw93 | 0.02 | 61.48 | 465.78 |
| CD94 | 0.03 | 61.87 | 473.28 |
| CD95 | 62.62 | 441.99 | 582.25 |
| CD97 | 37.24 | 364.41 | 756.96 |
| CD98 | 81.51 | 5387.32 | 6,569.61 |
| CD99 | 16.96 | 200.7 | 567.65 |
| CD99R | 0.06 | 66.21 | 1,608.2 |
| CD100 | 0.02 | 65.35 | 6,706.84 |
| CD102 | 0.02 | 60.88 | 467.03 |
| CD103 | 0.02 | 62.97 | 353.18 |
| CD105 | 75.88 | 900.39 | 1,130.07 |
| CD106 | 4.26 | 95.35 | 550.07 |
| CD107a | 6.89 | 145.53 | 664.65 |
| CD107b | 8.7 | 165.24 | 609.97 |
| CD108 | 24.61 | 237.92 | 453.02 |
| CD109 | 21.27 | 234.36 | 495.17 |
| CD112 | 0.26 | 73.69 | 2,619.26 |

(continued)

SUPPLEMENTARY TABLE S2. (CONTINUED)

| <i>Cell surface marker</i> | <i>% positive cells</i> | <i>MFI</i> | <i>MFI positive cell population</i> |
|----------------------------|-------------------------|------------|-------------------------------------|
| CD114 | 0.02 | 67.88 | 33,105.53 |
| CD116 | 0.05 | 61.37 | 368.54 |
| CD117 | 0.04 | 62.88 | 389.28 |
| CD118 | 0.02 | 62.72 | 443.02 |
| (LIF rcptr) | | | |
| CD119 | 25.14 | 247.77 | 426.36 |
| CD120a | 3.65 | 136.48 | 1,203.98 |
| CD121a | 0.1 | 71.02 | 8,177.59 |
| CD121b | 0.03 | 67.8 | 20,573.96 |
| CD122 | 0.06 | 64.12 | 1,640.4 |
| CD123 | 0.03 | 68.17 | 19,162.28 |
| CD124 | 0.03 | 70.12 | 19,080.37 |
| CD126 | 0.04 | 86.86 | 388.92 |
| CD127 | 0.04 | 65.24 | 13,691.26 |
| CD128b | 0.03 | 64.49 | 17,883.29 |
| CD130 | 14.93 | 171.37 | 428.54 |
| CD134 | 1.02 | 84.36 | 413.25 |
| CD135 | 0.03 | 59.93 | 387.81 |
| CD137 | 0.04 | 66.68 | 16,109.07 |
| CD137L | 0.3 | 68.11 | 887.57 |
| CD138 | 2.83 | 142.23 | 1,140.15 |
| CD140a | 0.03 | 62.17 | 923.11 |
| CD140b | 0.02 | 65.86 | 37,795.35 |
| CD141 | 0.12 | 64.58 | 2,830.26 |
| CD142 | 2.25 | 129.71 | 382.65 |
| CD144 | 1.26 | 76.56 | 741.59 |
| CD146 | 71.75 | 2769.72 | 3,791.24 |
| CD147 | 83.79 | 3499.94 | 4,144.06 |
| CD150 | 0.03 | 62.2 | 758.58 |
| CD151 | 96.53 | 1617.14 | 1,667.4 |
| CD152 | 0.11 | 71.48 | 838.37 |
| CD153 | 0.49 | 69.89 | 645.45 |
| CD154 | 0.06 | 68.29 | 8,158.57 |
| CD158a | 0.03 | 67.72 | 16,741.4 |
| CD158b | 0.04 | 61.66 | 396.27 |
| CD161 | 0.03 | 67.88 | 21,644.87 |
| CD162 | 0.09 | 63.51 | 416.73 |
| CD163 | 0.03 | 62.97 | 403.94 |
| CD164 | 18.06 | 312.38 | 1,257.65 |
| CD165 | 8.02 | 131.6 | 702.36 |
| CD166 | 15.05 | 209.56 | 857.3 |
| CD171 | 70 | 1805.63 | 2,510.59 |
| CD172b | 0.05 | 67.42 | 936.53 |
| CD177 | 0.07 | 67.68 | 1,295.48 |
| CD178 | 0.03 | 75.27 | 37,765.87 |
| CD180 | 0.09 | 64.06 | 419.44 |
| CD181 | 0.2 | 65.95 | 420.97 |
| CD183 | 1.52 | 86.04 | 1,614.03 |
| CD184 | 0.04 | 61.76 | 453.22 |
| CD193 | 0.03 | 61.19 | 821.17 |
| CD195 | 0.03 | 67.1 | 23,155.69 |
| CD196 | 0.63 | 65.51 | 658.49 |
| CD197 | 0.05 | 61.8 | 548.33 |
| CD200 | 1.36 | 110.61 | 1,192.21 |
| CD205 | 72.34 | 530.78 | 652.22 |
| CD206 | 0.05 | 61.73 | 438.46 |
| CD209 | 0.82 | 71.27 | 955.38 |
| CD220 | 62.22 | 399.89 | 509.24 |
| CD221 | 88.92 | 789.3 | 860.07 |
| CD226 | 0.04 | 68.21 | 15,837.52 |
| CD227 | 32.05 | 292.03 | 610.18 |

(continued)

SUPPLEMENTARY TABLE S2. (CONTINUED)

| <i>Cell surface marker</i> | <i>% positive cells</i> | <i>MFI</i> | <i>MFI positive cell population</i> |
|----------------------------|-------------------------|------------|-------------------------------------|
| CD229 | 0.02 | 63.7 | 415.66 |
| CD231 | 0.13 | 70.31 | 5,112.3 |
| CD235a | 10.78 | 164.78 | 433.72 |
| CD243 | 0.03 | 67.76 | 22,242.95 |
| (P-glycoprotein) | | | |
| CD244 | 0.02 | 71.19 | 44,431.02 |
| CD255 (TWEAK) | 0.03 | 69.04 | 20,484.93 |
| CD268 | 0.09 | 79.07 | 6,907.84 |
| CD271 | 16.14 | 373.04 | 1,824.51 |
| CD273 | 0.19 | 69.17 | 502.53 |
| CD274 | 0.34 | 83.01 | 414.18 |
| CD275 (B7-H2) | 4.61 | 129.49 | 639.54 |
| CD278 | 0.03 | 70.46 | 20,534.39 |
| CD279 | 0.48 | 74.83 | 1,979.02 |
| CD282 | 0.01 | 63.02 | 455.02 |
| CD305(LAIR-1) | 0.02 | 65.85 | 29,238.44 |
| CD309 | 0.3 | 78.83 | 2,241.42 |
| CD314(NKG2D) | 0.04 | 60.02 | 390.89 |
| CD321(F11 Rcptr) | 84.8 | 1097.2 | 1,258.5 |
| CDw327 | 0.04 | 61.35 | 593.56 |
| CDw328 | 0.09 | 61.52 | 445.78 |
| CDw329 | 0.16 | 68.25 | 449.34 |
| CD335(NKP46) | 0.03 | 65.63 | 20,762.86 |
| CD336 | 0.02 | 59.61 | 507.87 |
| CD337 | 1.25 | 78.35 | 1,171.98 |
| CD338(ABCG2) | 0.34 | 75.16 | 394.95 |
| CD340(Her2) | 46.07 | 400.2 | 692.92 |
| abTCR | 0.14 | 60.52 | 456.06 |
| B2-uGlob | 30.15 | 358.33 | 879.26 |
| BLTR-1 | 0.04 | 70.29 | 27,092.8 |
| CLIP | 3.55 | 109.81 | 672.71 |
| CMRF-44 | 0.05 | 61.1 | 404.35 |
| CMRF-56 | 0.16 | 91.32 | 7,731.1 |
| EGF-r | 0.02 | 67.1 | 33,425.33 |
| Fmlp-r | 0.02 | 60.5 | 421.63 |
| gd TCR | 0.02 | 68.6 | 29,461.89 |
| Hem. Prog. Cell | 0.09 | 66.94 | 6,545.19 |
| HLA-A.B.C | 98.58 | 3978.25 | 4,032.48 |
| HLA-A2 | 0.03 | 60.75 | 1,257.78 |
| HLA-DQ | 25.92 | 636.88 | 2,173.86 |
| HLA-DR | 89.25 | 4630.82 | 5,167.32 |
| HLA-DR.DP.DO | 87.37 | 3112.12 | 3,537.06 |
| Invariant NKT | 0.61 | 91.39 | 1,880.02 |
| Disialoganglioside GD2 | 12.51 | 557.77 | 3,926.15 |
| MIC A/B | 0.06 | 69.57 | 4,930.32 |
| NKB1 | 0.03 | 73.69 | 33,824.28 |
| SSEA-1 | 0.03 | 70.23 | 28,814.69 |
| SSEA-4 | 0.27 | 71.14 | 894.56 |
| TRA-1-60 | 0.03 | 72.02 | 35,373.02 |
| TRA-1-81 | 0.02 | 64.48 | 26,600.88 |
| Vb 23 | 0.2 | 72.33 | 5,820.11 |
| Vb 8 | 1 | 108.21 | 2,462.66 |
| mIgM | 0.39 | 90.07 | 6,259.31 |
| mIgG1 | 0.66 | 83.38 | 3,350.87 |
| mIgG2a | 0.81 | 85.7 | 1,892.45 |
| mIgG2b | 0.07 | 72.16 | 14,794.07 |
| mIgG3 | 0.08 | 82.63 | 25,501.51 |
| CD49f | 55.84 | 618.04 | 960.69 |
| CD104 | 0.06 | 72.86 | 11,522.79 |
| CD120b | 0.08 | 89.39 | 33,385.24 |

(continued)

SUPPLEMENTARY TABLE S2. (CONTINUED)

| <i>Cell surface marker</i> | <i>% positive cells</i> | <i>MFI</i> | <i>MFI positive cell population</i> |
|----------------------------|-------------------------|------------|-------------------------------------|
| CD132 | 0.05 | 71.83 | 1,6879.5 |
| CD201 | 83.83 | 1344.55 | 1,569.75 |
| CD210 | 0.07 | 66.21 | 6950.9 |
| CD212 | 0.06 | 97.16 | 13,413.62 |
| CD267 | 0.04 | 74.53 | 32,439.15 |
| CD294 | 0.04 | 81.41 | 54,317.38 |
| CD326 | 1.57 | 121.09 | 867.2 |
| Cutaneous Lymph. Antigen | 0.66 | 77.11 | 2,278.89 |
| INT B7 | 0.04 | 69.77 | 21,037.09 |
| SSEA-3 | 0.02 | 87.41 | 78,584.07 |
| rIgM | 0.02 | 67.12 | 1,500.71 |
| rIgG1 | 0.01 | 65.24 | 466.94 |
| rIgG2a | 0.01 | 64.17 | 447.62 |
| rIgG2b | 0 | 62.95 | 1,915.57 |

MFI, mean fluorescent intensity.