

Supplementary Material S5:

Table of CD4+ Naïve (CD4+/CD45RA+) T cell shift to Memory (CD4+/CD45RA-) Subset.
Columns represent the percentage of cells in each category (naïve v. general memory subsets).
Balance of each column is effector subset.

| | Day 3 (%) | | Day 4 (%) | | Day 7 (%) | |
|-----------|--------------|--------------|--------------|--------------|--------------|--------------|
| Condition | CD4+/CD45RA+ | CD4+/CD45RA- | CD4+/CD45RA+ | CD4+/CD45RA- | CD4+/CD45RA+ | CD4+/CD45RA- |
| No Cyt | 88.87 | 10.59 | 78.01 | 19.7 | 71.4 | 28.2 |
| 000 | 88.87 | 10.59 | 74.57 | 23.86 | 48.31 | 51.23 |
| 100 | 88.87 | 10.59 | 74.16 | 24.05 | 49.81 | 49.8 |
| 200 | 88.87 | 10.59 | 74.01 | 24.03 | 48.66 | 51.04 |
| 010 | 88.87 | 10.59 | 75.25 | 23.71 | 42.05 | 57.92 |
| 020 | 88.87 | 10.59 | 74.67 | 24.47 | 53.31 | 46.23 |
| 001 | 88.87 | 10.59 | 67.83 | 30 | 48.97 | 50.53 |
| 002 | 88.87 | 10.59 | 75.89 | 22.67 | 56.07 | 43.6 |
| 110 | 88.87 | 10.59 | 76.08 | 23.58 | 53.44 | 46.18 |
| 101 | 88.87 | 10.59 | 70.48 | 28.38 | 41.74 | 58 |
| 011 | 88.87 | 10.59 | 66.44 | 32.74 | 44.51 | 55.19 |
| 220 | 88.87 | 10.59 | 66.7 | 30.77 | 41.13 | 58.41 |
| 202 | 88.87 | 10.59 | 68.49 | 29.88 | 41.34 | 57.66 |
| 022 | 88.87 | 10.59 | 61.42 | 37.51 | 38.11 | 61.41 |
| 111 | 88.87 | 10.59 | 66.98 | 30.95 | 38.99 | 60.47 |
| 222 | 88.87 | 10.59 | 72.56 | 25.83 | 38.26 | 61.72 |

Table of CD8+ Naïve (CD8+/CD45RA+) T cell shift to Memory (CD8+/CD45RA-) Subset.
Columns represent the percentage of cells in each category (naïve v. general memory subsets).
Balance of each column is effector subset.

| | Day 3 (%) | | Day 6 (%) | | Day 7 (%) | |
|-----------|--------------|--------------|--------------|--------------|--------------|--------------|
| Condition | CD8+/CD45RA+ | CD8+/CD45RA- | CD8+/CD45RA+ | CD8+/CD45RA- | CD8+/CD45RA+ | CD8+/CD45RA- |
| No Cyt | 97.07 | 2.93 | 88.45 | 9.57 | 82.15 | 15.77 |
| 000 | 97.07 | 2.93 | 86.58 | 10.48 | 76.77 | 19.73 |
| 100 | 97.07 | 2.93 | 90.45 | 9.39 | 80.13 | 16.32 |
| 200 | 97.07 | 2.93 | 91.65 | 8.1 | 79 | 16.59 |
| 010 | 97.07 | 2.93 | 91.75 | 8.17 | 81.05 | 15.56 |
| 020 | 97.07 | 2.93 | 89.65 | 10.25 | 77.81 | 18.71 |
| 001 | 97.07 | 2.93 | 86.31 | 12.92 | 78.85 | 18 |
| 002 | 97.07 | 2.93 | 88.55 | 11.04 | 84.82 | 12.7 |
| 110 | 97.07 | 2.93 | 84.06 | 14.45 | 82.17 | 14.8 |
| 101 | 97.07 | 2.93 | 82.44 | 15.6 | 81.51 | 15.12 |
| 011 | 97.07 | 2.93 | 81.51 | 15.54 | 79.63 | 17.72 |
| 220 | 97.07 | 2.93 | 85.57 | 14.36 | 77.94 | 17.87 |
| 202 | 97.07 | 2.93 | 84.99 | 13.38 | 80.26 | 17.76 |
| 022 | 97.07 | 2.93 | 82.48 | 14.94 | 78.36 | 18.64 |
| 111 | 97.07 | 2.93 | 83.23 | 16.04 | 79.26 | 16.47 |
| 222 | 97.07 | 2.93 | 85.54 | 13.16 | 78.99 | 17.45 |