| Mouse | Top 5 CD8+ T-cell clones in tumors | Spleen specimens |
|-------|-----------------------------------|------------------|
| TRBV  | TRBJ  | CDR3 sequence | Total in-frame reads | reads | Frequency |
| TRBV12 - 2 | TRBJ1 - 2 | CASGVRGNTYF | 3.93 | 580 | 0.439 |
| PBS-1 | | | | | |
| TRBV19 | TRBJ1 - 1 | CASGVRVTYF | 5.07 | 122596 | 0.009 |
| TRBV20 | TRBJ2 - 1 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| TRBV12 - 2 | TRBJ2 - 7 | CASGVRVTYF | 3.62 | 3576 | 0.017 |
| TRBV1 | TRBJ2 - 4 | CASGVRVTYF | 9.65 | 220506 | 0.011 |
| TRBV12 - 2 | TRBJ2 - 7 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| PBS-2 | | | | | |
| TRBV13 | TRBJ2 - 4 | CASGVRVTYF | 3.62 | 3576 | 0.017 |
| TRBV14 | TRBJ2 - 7 | CASGVRGTQYF | 2.85 | 221647 | 0.007 |
| TRBV12 - 2 | TRBJ2 - 7 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| TRBV20 | TRBJ2 - 1 | CASGVRVTYF | 5.07 | 87608 | 0.008 |
| PBS-3 | | | | | |
| TRBV15 | TRBJ2 - 4 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| TRBV12 - 2 | TRBJ2 - 7 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| TRBV20 | TRBJ2 - 1 | CASGVRVTYF | 5.07 | 87608 | 0.008 |
| TRBV14 | TRBJ2 - 7 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| PBS-4 | | | | | |
| TRBV16 | TRBJ2 - 4 | CASGVRVTYF | 3.62 | 3576 | 0.017 |
| TRBV12 - 2 | TRBJ2 - 7 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| TRBV20 | TRBJ2 - 1 | CASGVRVTYF | 5.07 | 87608 | 0.008 |
| TRBV14 | TRBJ2 - 7 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| PBS-5 | | | | | |
| TRBV15 | TRBJ2 - 4 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| TRBV12 - 2 | TRBJ2 - 7 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| TRBV20 | TRBJ2 - 1 | CASGVRVTYF | 5.07 | 87608 | 0.008 |
| Cont-VV-1 | | | | | |
| TRBV15 | TRBJ2 - 4 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| TRBV12 - 2 | TRBJ2 - 7 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| TRBV20 | TRBJ2 - 1 | CASGVRVTYF | 5.07 | 87608 | 0.008 |
| TRBV14 | TRBJ2 - 7 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| Cont-VV-3 | | | | | |
| TRBV16 | TRBJ2 - 4 | CASGVRVTYF | 3.62 | 3576 | 0.017 |
| TRBV12 - 2 | TRBJ2 - 7 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| TRBV20 | TRBJ2 - 1 | CASGVRVTYF | 5.07 | 87608 | 0.008 |
| TRBV14 | TRBJ2 - 7 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| Cont-VV-4 | | | | | |
| TRBV17 | TRBJ2 - 4 | CASGVRVTYF | 3.62 | 3576 | 0.017 |
| TRBV12 - 2 | TRBJ2 - 7 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| TRBV20 | TRBJ2 - 1 | CASGVRVTYF | 5.07 | 87608 | 0.008 |
| TRBV14 | TRBJ2 - 7 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| Cont-VV-5 | | | | | |
| TRBV18 | TRBJ2 - 4 | CASGVRVTYF | 3.62 | 3576 | 0.017 |
| TRBV12 - 2 | TRBJ2 - 7 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| TRBV20 | TRBJ2 - 1 | CASGVRVTYF | 5.07 | 87608 | 0.008 |
| TRBV14 | TRBJ2 - 7 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| hIL-7-VV-1 | | | | | |
| TRBV19 | TRBJ2 - 4 | CASGVRVTYF | 3.62 | 3576 | 0.017 |
| TRBV12 - 2 | TRBJ2 - 7 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| TRBV20 | TRBJ2 - 1 | CASGVRVTYF | 5.07 | 87608 | 0.008 |
| TRBV14 | TRBJ2 - 7 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| hIL-7-VV-3 | | | | | |
| TRBV20 | TRBJ2 - 1 | CASGVRVTYF | 5.07 | 87608 | 0.008 |
| TRBV14 | TRBJ2 - 7 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| Cont-VV-6 | | | | | |
| TRBV21 | TRBJ2 - 4 | CASGVRVTYF | 3.62 | 3576 | 0.017 |
| TRBV12 - 2 | TRBJ2 - 7 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| TRBV20 | TRBJ2 - 1 | CASGVRVTYF | 5.07 | 87608 | 0.008 |
| TRBV14 | TRBJ2 - 7 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| hIL-7-VV-5 | | | | | |
| TRBV22 | TRBJ2 - 4 | CASGVRVTYF | 3.62 | 3576 | 0.017 |
| TRBV12 - 2 | TRBJ2 - 7 | CASGVRVTYF | 4.53 | 11811 | 0.05 |
| TRBV20 | TRBJ2 - 1 | CASGVRVTYF | 5.07 | 87608 | 0.008 |
| TRBV14 | TRBJ2 - 7 | CASGVRVTYF | 4.53 | 11811 | 0.05 |

**Note:** Frequencies are given in percentage.