**Supplemental Table S3. Statistics of frequency and cell counts of activated T cells in naïve group and gp96-Ig-PfCA vaccinated animals**

|  |  |  |
| --- | --- | --- |
|  | **Naïve** **(n=9)** | **Days post-last gp96-Ig-PfCA boost (n=5)** |
| **6 days** | **20 days** | **2.5 months** | **4 months** | **6 months** |
| Activated T cells (HLA-DR+CD3+) |  |
| Frequency | 3.3±1.2 | 2.0±0.9 *P=0.07* | 1.9±0.5*P=0.04\** | 2.0±0.5*P=0.05\** | 1.4±0.4*P=0.007\*\** | 1.5±0.3*P=0.01\** |
| Cell counts | 204±149 | 98±65*P=0.16* | 91±50*P=0.13* | 86±44*P=0.05\** | 63±37*P=0.02\** | 71±28*P=0.02\** |
| CD3+ gated HLA-DR+CD4+ T cells |  |
| Frequency | 2.1±0.7 | 1.7±0.7*P=0.30* | 1.6±0.5*P=0.12* | 1.8±0.4*P=0.28* | 1.2±0.2*P=0.01\** | 1.3±0.2*P=0.02\** |
| Cell counts | 83±52 | 50±27*P=0.22* | 45±23*P=0.15* | 45±21*P=0.15* | 34±18*P=0.06* | 36±15*P=0.03\** |
| CD3+ gated HLA-DR+CD8+ T cells |
| Frequency | 5.0±2.3 | 3.2±3.4*P=0.27* | 2.9±2.0*P=0.11* | 2.5±1.2*P=0.04\** | 1.7±0.9*P=0.01\** | 2.0±0.8*P=0.01\** |
| Cell counts | 80±62 | 36±35*P=0.17* | 33±23*P=0.13* | 28±20*P=0.04\** | 18±12*P=0.01\** | 22±10*P=0.02\** |
| **\*** P at 0.05 alpha level, unpaired T-test (with welch’s correction when applicable) two-tailed, data represent mean ± standard deviation.  |