**Supplemental Table S4. Statistics of frequency and cell counts of activated T cells in naïve group and D/Ad-PfCA vaccinated animals**

|  |  |  |
| --- | --- | --- |
|  | **Naïve** **(n=9)** | **Days post-last Ad5 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 | 7.1±3.3 *P=0.06* | 5.3±0.8*P=0.01\** | 4.7±1.0*P=0.06* | 3.4±0.9*P=0.91* | 4.4±1.8*P=0.21* |
| Cell counts | 204±149 | 316±259*P=0.31* | 178±97*P=0.72* | 169±91*P=0.60* | 141±47*P=0.31* | 214±92*P=0.87* |
| CD3+ gated HLA-DR+CD4+ T cells |  |
| Frequency | 2.1±0.7 | 4.7±2.3*P=0.06* | 3.7±1.5*P=0.02\** | 3.8±1.0*P=0.004\*\** | 2.9±0.9*P=0.12* | 4.0±2.4*P=0.16* |
| Cell counts | 83±52 | 95±56*P=0.69* | 66±33*P=0.51* | 80±48*P=0.92* | 64±30*P=0.47* | 104±46*P=0.45* |
| CD3+ gated HLA-DR+CD8+ T cells |
| Frequency | 5.0±2.3 | 9.4±6.3*P=0.2* | 6.3±0.5*P=0.15* | 5.0±1.8*P=0.99* | 3.5±1.7*P=0.22* | 4.7±2.1*P=0.81* |
| Cell counts | 80±62 | 141±145*P=0.4* | 60±51*P=0.56* | 47±39*P=0.31* | 34±40*P=0.16* | 45±45*P=0.25* |
| **\*** P at 0.05 alpha level, unpaired T-test (with welch’s correction when applicable) two-tailed, data represent mean ± standard deviation.  |