**Supplemental Table S2. Statistics of frequency and cell counts of B cells**

**DPIV/TDENV-LAV vaccine (n=10)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Naïve****(n=9)** | **1 month** | **2 month** | **3 months** | **4 months** | **6 months** |
| Frequency | 32.2±8.7 | 23.0±5.0 *P=0.01\** | 18.8±6.8*P=0.001\*\** | 20.8±6.7*P=0.005\*\** | 17.4±5.8*P=0.0004\*\*\** | 17.3±4.3*P=0.0002\*\*\** |
| Cell counts | 4438±2626 | NA | NA | NA | 1517±1027*P=0.004\*\** | 1900±702*P=0.009\*\** |
| **gp96-Ig-PfCA (n=5)** |
|  | **Naïve****(n=9)** | **6 days** | **20 days** | **2.5 months** | **4 months** | **6 months** |
| Frequency | 32.2±8.7 | 25.1±10.6*P=0.19* | 27.7±11.7*P=0.42* | 26.3±0.5*P=0.28* | 24.6±7.2*P=0.11* | 23.8±8.5*P=0.10* |
| Cell counts | 4438±2626 | 2467±1976*P=0.17* | 2860±2678*P=0.3* | 2116±1379*P=0.09* | 2022±996*P=0.07* | 2394±1194*P=0.12* |
| **D/Ad-PfCA (n=5)** |
|  | **Naïve****(n=9)** | **6 days** | **20 days** | **2.5 months** | **4 months** | **6 months** |
| Frequency | 32.2±8.7 | 18.8±5.5*P=0.009\*\** | 20.5±8.4*P=0.03\** | 24.0±10.1*P=0.13* | 20.0±9.3*P=0.03\** | 19.9±5.0*P=0.01\** |
| Cell counts | 4438±2626 | 1592±955*P=0.03\** | 1538±965*P=0.03\** | 1913±1627*P=0.07* | 1584±813*P=0.01\** | 2169±983*P=0.09* |
| **\*** P at 0.05 alpha level, unpaired T-test (with welch’s correction when applicable) two-tailed, data represent mean ± standard deviation. NA-Data not available |