

Table S1. Fresh *ex-vivo* IFN- γ ELISPOT responses

| | | Week 19 | Week 21 | Week 28 | Week 36 | Week 48 |
|-------------------|----------------|-------------------------|--------------------------|-----------------|------------------|------------------|
| Mock | Vaccine | 0 (0, 1.7) | 5 (0, 11.7) | 1.7 (0, 3.3) | 1.7 (0, 5) | 0 (0, 5) |
| | Control | 0 (0, 1.7) | 0.8 (0, 2.5) | 0 (0, 1.7) | 0 (0, 1.7) | 1.7 (0, 3.3) |
| PHA | Vaccine | 635 (355, 1833) | 770 (243, 2182) | 858 (535, 1940) | 1063 (710, 1953) | 1323 (700, 2285) |
| | Control | 1008 (438,1213) | 505 (185.8, 1290) | 443 (238, 1670) | 1275 (750, 2110) | 648 (282, 1768) |
| PE | Vaccine | 0 (-1.7,.0) | 0.8 (0, 3.3) | 0 (-1.7, 3.3) | 0 (-1.7, 3.3) | 0 (0, 1.7) |
| | Control | 0 (0, 2.5) ^a | 0 (-1.7, 0) ^b | 0 (-1.7, 1.7) | 0 (0, 1.7) | 0 (-1.7, 1.7) |
| p24/p17 | Vaccine | 0 (-1.7, 1.7) | 1.7 (-1.7, 6.7) | -0.8 (-1.7,1.7) | 0 (-1.7, 1.7) | 0 (-1.7, 1.7) |
| | Control | 0 (0, 0) | 0 (-1.7, 0) ^c | 0 (-1.7, 0) | 0 (-1.7, 0) | 0 (-1.7, 0) |
| PE+p24/p17 | Vaccine | 0 (-3.3, 1.7) | 4.2 (0, 8.3) | 0 (-3.3, 5) | 0 (-3.3, 5) | 0 (-1.7, 3.3) |
| | Control | 0 (0, 3.3) | 0 (-1.7, 0) ^d | 0 (-1.7, 1.7) | 0 (0, 2.5) | 0 (-3.3, 1.7) |

a - p = 0.053; b - p = 0.069; c - p = 0.035; d - p = 0.002

Median values expressed as SFU/10⁶ PBMC are shown with IQR in brackets. Responses to the polyepitope (PE) and Gag p24/p17 regions of the HIVA immunogen, and the PHA positive control are reported as net values, i.e. after subtraction of background. The raw no-peptide “Mock” background values are also shown. Note, that infants and adults have typically 15 x 10⁶ and 1 x 10⁶ PBMC per 1 ml of peripheral blood, respectively.