**Supplemental Digital Content 2:** Immune response of infants hospitalized for RSV bronchiolitis, during peak and non-peak months (epidemic 2016-2017)

|  |  |  |  |
| --- | --- | --- | --- |
| **Positive T cells** | **Peak months (N: 33)** | **Non-peak months (N: 10)** | **p value** |
| **nt CD4 IL4 (%)** | 0.01 (0-0.08) | 0.03 (0-1.11) | 0.017 |
| **SEB CD4 IL4 (%)** | 0.02 (0-0.14) | 0.06 (0.01-0.64) | 0.016 |
| **nt CD4 INFγ (%)** | 0.04 (0-0.28) | 0.03 (0-0.58) | 0.402 |
| **SEB CD4 INFγ (%)** | 0.12 (0.01-1.43) | 0.11 (0.04-0.72) | 1.00 |
| **nt CD8 INFγ (%)** | 0.11 (0-0.49) | 0.05 (0-0.17) | 0.024 |
| **SEB CD8 INFγ (%)** | 0.43 (0.06-4.9) | 0.28 (0.03-0.75) | 0.133 |
| **nt CD4 IL4/INFγ (%)** | 0.20 (0-4) | 1.5 (0-3) | 0.008 |
| **SEB CD4 IL4/INFγ (%)** | 0.10 (0-1.8) | 0.49 (0.06-1.5) | 0.004 |

Data are expressed as median (range). Nt: non treated; SEB: Staphylococcal enterotoxin B-induced.

p = by Mann–Whitney test.