**Supplemental Digital Content 3:** Immune response of infants hospitalized for RSV bronchiolitis, during peak and non-peak months (epidemic 2017-2018)

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| **Positive T cells** | **Peak months (N: 38)** | **Non-peak months (N: 9)** | **p value** |
| **nt CD4 IL4 (%)** | 0.01 (0-0.05) | 0.005 (0-0.08) | 0.416 |
| **SEB CD4 IL4 (%)** | 0.01 (0-0.09) | 0.04 (0.01-0.25) | 0.012 |
| **nt CD4 INFγ (%)** | 0.02 (0-0.24) | 0.03 (0-0.11) | 0.386 |
| **SEB CD4 INFγ (%)** | 0.08 (0.01-1.30) | 0.14 (0.04-0.68) | 0.316 |
| **nt CD8 INFγ (%)** | 0.02 (0-0.36) | 0.03 (0-0.08) | 0.863 |
| **SEB CD8 INFγ (%)** | 0.12 (0-1.8) | 0.20 (0.07-0.32) | 0.821 |
| **nt CD4 IL4/INFγ (%)** | 0.33 (0-4) | 0.26 (0-2.67) | 0.482 |
| **SEB CD4 IL4/INFγ (%)** | 0.19 (0-1.6) | 0.46 (0.03-2.6) | 0.072 |

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

p = by Mann–Whitney test.