Supplemental Tables

Supplemental Table 1. Details of antibody panel used for flow cytometry staining.

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| **Antibody Panels** | **Antibody** | **Fluorochrome** | **Clone (Manufacturer)** |
| Monocytes and dendritic cells | CD16 | FITC | 3G8 (Becton Dickinson) |
|  | CD11b | PE | ICRF44 (eBioscience) |
|  | CD192 | AF647 | 48607 (Becton Dickinson) |
|  | CD14 | PECy7 | M5E2 (Becton Dickinson) |
|  | CD11c | PECy5 | B-ly6 (Becton Dickinson) |
|  | HLADR | APCeF780 | LN3 (eBioscience) |
| Intracellular cytokines | IFNg | PECy7 | 4S.B3 (Becton Dickinson) |
|  | TNFa | APC | MAb11 (Becton Dickinson) |
|  | CD8 | PE | RPA-T8 (Becton Dickinson) |
|  | CD3 | PerCPC5.5 | SK7 (Becton Dickinson) |
|  | CD4 | FITC | RPA-T4 (Becton Dickinson) |
| T-cell activation and proliferation | CD3 | APC | SK7 (Becton Dickinson) |
|  | CD8 | PerCPCy5.5 | SK1 (Biolegend) |
|  | CD38 | PE | HB-7 (Biolegend) |
|  | DR | APCeF780 | LN3 (eBioscience) |
|  | Ki67 | PECy7 | Ki-67 (Biolegend) |
|  | Bcl2 | AF488 | 100 (Biolegend) |

Supplemental Table 2. Log10-transformed mean and standard deviation of the individual cytokines for ILI and SARI influenza at the acute and convalescence time-point (see attached file).

Supplemental Figure

Supplemental Figure 1: Differences in acute phase nasal viral load and antibody profile in ILI (black) and SARI (red) influenza cases. (A) Nasal viral load was determined based on the cycle-threshold (Ct)-value that quantitatively determines the viral RNA copy number in the nasal swab obtained upon enrolment for patients with available data. Line represents mean ± standard deviation. (B) Antibody profile was determined based on hemaglutination-inhibition (HAI) titers, neuraminidase-inhibition (NAI) titers and influenza-specific IgG and IgM titers. Line indicates sample median.

Supplemental Figure 2: Graphical representation of the individual cytokines, grouped according to ILI and SARI influenza cases at acute or convalescence (conv). Y-axis denotes concentration of cytokine on a log10-scale. The bars represent the 95% confidence-interval of the calculated mean.