**Table S1.** Component loading for the PCA (Principal Component Analysis).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Component Loadings** | | **CR 1** | **CR 2** | **Uniqueness** |
| **qPCR\_blood** |  | 0.947 | - | 0.097 |
| **qPCR\_ct\_blood** |  | -0.465 | - | 0.740 |
| **qPCR\_ct\_serum** |  | -0.567 | -0.531 | 0.396 |
| **qPCR\_iac\_blood** |  | - | 0.915 | 0.150 |
| **qPCR\_iac\_serum** |  | - | - | 0.876 |
| **qPCR\_serum** |  | 0.971 | - | 0.054 |

CR: Component rotated, Chi-squared test: 296.925, Df 4, p: <0.001. The highest loads, with the lowest variance (Uniqueness) were obtained within CR1, specifically with the results of parasitemia in blood (qPCR\_GEB) and serum (qPCR\_Serum).