**Additional file 2: Table S2: Relationship between reduced erythropoiesis and SMA.**

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| --- |
| **SMA** |
| **Clinical category** | **OR** | **95%CI** | ***P*-value** |
| RPI>2 | Ref |  |  |
| RPI<2 | 2.65 | 1.03-6.84 | **0.04** |

Data are presented as odd ratios (OR) and 95% confidence interval (CI) determined by bivariate logistic regression analyses controlling for age, sex, HIV-1 and bacteremia status, α-thalassemia, G6PD deficiency, and sickle-cell status. *P*-values ≤0.050 were considered significant (indicated in bold font). Parasitemic children were categorized into UM (Hb≥5.0 g/dL, n=718) and SMA (Hb<5.0 g/dL, n=165), and RPI≥2 (n=64) and RPI<2.0 (n=611).