**Supplemental Digital Content 3. Background characteristics of HIV-exposed uninfected infants according to type ART exposure (N= 624)**

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| **Mother/infant Characteristics** | **Types of ART** | | | |
| **TDF-3TC-EFV/NVP (n=531)** | **ZDV-3TC-EFV/NVP**  **(n=87)** | **PI-based ART**  **(n=6)** | **P-value a** |
| **Mothers characteristics** |  |  |  |  |
| **Age in years, median (IQR)(N=621)** | 27(25-30) | 28(26-32) | 27(24-29) | 0.1b |
| **Parity, median (IQR) (N=584)** | 1(0-2) | 2(1-2) | 2(1-2) | 0.001b |
| **Educational status, n(%) (N=590)** |  |  |  |  |
| No education | 82(16.63 | 23(28.4) | 0(0.0) | 0.12 |
| Primary | 238(47.2) | 32(39.5) | 3(60.0) |  |
| Secondary | 151(30.0) | 24(29.6) | 2(40.0) |  |
| College | 33(6.6) | 2(2.5) | 0(0.0) |  |
| **BMI (kg/m2), median (IQR)** | 21.8(20.1-23.7) | 21.4(20.0-21.8) | 21.3(19.9-21.8) | 0.43 |
| **CD4 count during pregnancy (cells/mm3), median (IQR) (N=586)** | 393(260-526) | 426(305-570) | 546.5(383-661) | 0.07b |
| **WHO Clinical Stage, n (%)** |  |  |  |  |
| Stage 1 | 441(83.0) | 59(67.8) | 5(83.3) | 0.02 |
| Stage 2 | 72(13.6) | 22(25.3) | 1(16.7) |  |
| Stage 3 and 4 | 18(3.4) | 6(6.9) | 0(0.0) |  |
| **Maternal disease progression, n (%)** |  |  |  |  |
| Early stage | 411(77.4) | 80(92.0) | 6(100) | <0.01 |
| Advanced stage | 120(22.6) | 7(8.0) | 0(0.0) |  |
| **Infants characteristics** |  |  |  |  |
| **Gender, n (%)** |  |  |  |  |
| Male | 277(52.2) | 49(56.3) | 3(50.0) | 0.76 |
| Female | 254(47.8) | 38(43.6) | 3(50.0) |  |
| **Gestational age at birth (weeks)** **median (IQR)**  **(N=613)** | 40(38.1-40.7) | 40(38.9-41.9) | 38.8(38.0-41.4) | 0.08b |
| **Breastfeeding status n(%)** |  |  |  |  |
| Breastfed | 502(94.5) | 81(93.1) | 5(83.3) | 0.45 |
| Not breastfed/ formula fed | 29(5.5) | 6(6.9) | 1(16.7) |  |

Data are number (n) and percent (%) or median and Interquartile range (IQR). ZDV: Zidovudine, 3TC: lamivudine, EFV: efavirenz, NVP: nevirapine, TDF: tenofovir, ART: antiretroviral therapy, PI: Protease inhibitor, BMI: Body mass index, WHO: World Health Organization.

a Statistical tests did not consider missing values.

b Kruskal-Wallis rank tests, the rest are chi-square test results.