

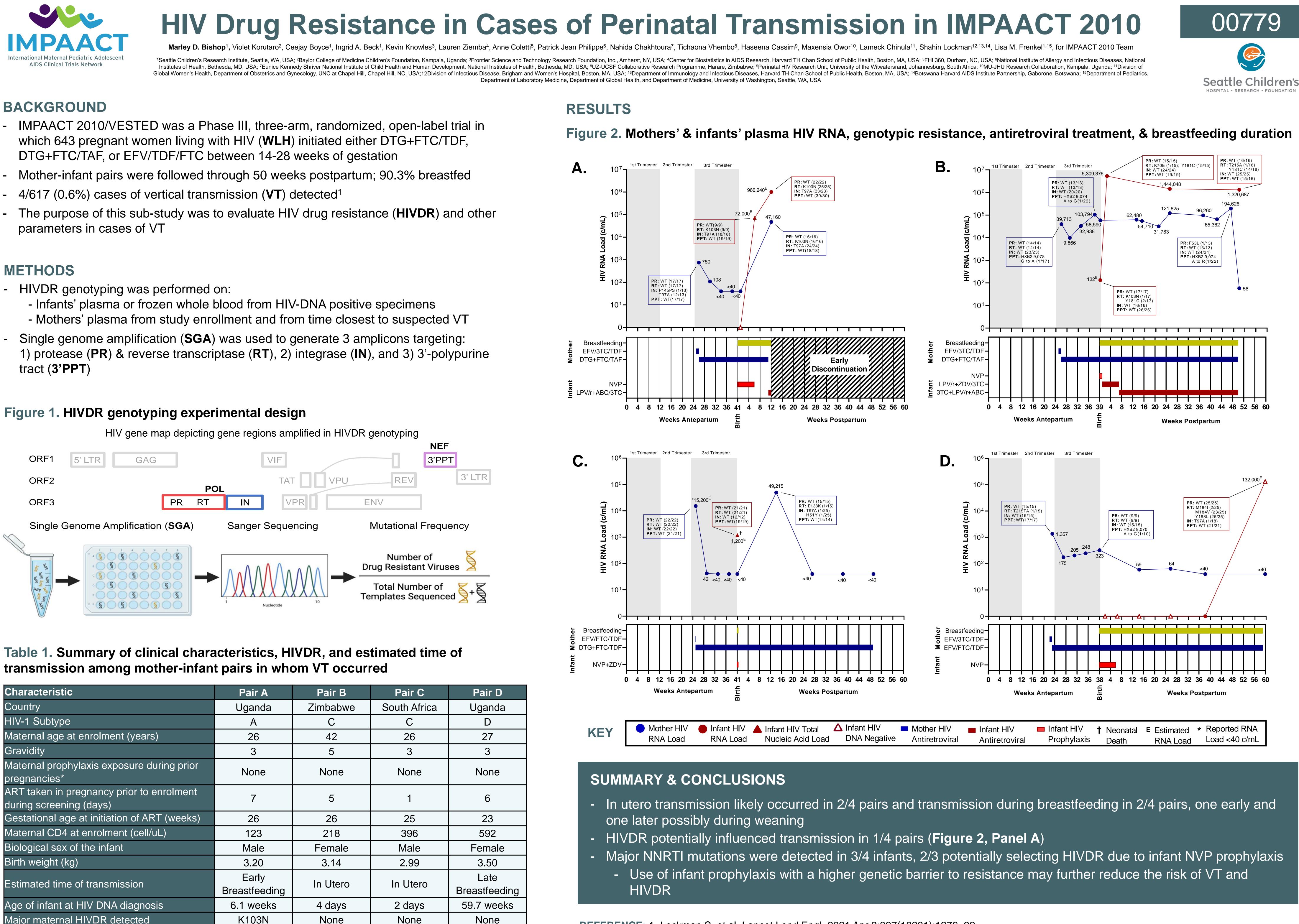


# BACKGROUND

- parameters in cases of VT

- tract (**3'PPT**)

## Figure 1. HIVDR genotyping experimental design



| Characteristic  | Pair A                 | Pair B       |
|---|------------------------|--------------|
| Country   | Uganda                 | Zimbabwe     |
| HIV-1 Subtype   | А                      | С            |
| Maternal age at enrolment (years)                                 | 26                     | 42           |
| Gravidity   | 3                      | 5            |
| Maternal prophylaxis exposure during prior<br>pregnancies*        | None                   | None         |
| ART taken in pregnancy prior to enrolment during screening (days) | 7                      | 5            |
| Gestational age at initiation of ART (weeks)                      | 26                     | 26           |
| Maternal CD4 at enrolment (cell/uL)                               | 123                    | 218          |
| Biological sex of the infant                                      | Male                   | Female       |
| Birth weight (kg)   | 3.20                   | 3.14         |
| Estimated time of transmission                                    | Early<br>Breastfeeding | In Utero     |
| Age of infant at HIV DNA diagnosis                                | 6.1 weeks              | 4 days       |
| Major maternal HIVDR detected                                     | K103N                  | None         |
| Major infant HIVDR detected                                       | K103N                  | K103N; Y181C |

\*Women were ART-naïve except for previous antiretroviral regimens taken for the prevention of perinatal transmission or pre-exposure (TDF or FTC/TDF)

**REFERENCE:** 1. Lockman S, et al. Lancet Lond Engl. 2021 Apr 3;397(10281):1276–92. **ACKNOWLEDGEMENTS** The IMPAACT 2010/VESTED Protocol Team gratefully acknowledges the dedication and commitment of the 643 mother-infant pairs, their communities, and CAB representatives, without whom this study would not have been possible. The authors also wish to acknowledge the IMPAACT 2010/VESTED Protocol team, NIAID, NICHD, and NIMH, and the twenty-two IMPAACT sites and staff. The study products were provided by ViiV Healthcare Ltd, Gilead Sciences, Mylan.

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M184I/V; Y188L

None

| <ul> <li>Infant HIV</li> <li>Prophylaxis</li> <li>Death</li> <li>Estimated</li> <li>RNA Load</li> <li>Load &lt;40 c/mL</li> </ul> |
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