

Improving East Coast fever Diagnostic Tools

November 2020 - Oct. 2024









Objectives

- 1) Development of a pen-side diagnostic test for Theileria parva using the CRISPR-Cas technology to support farm-level rapid diagnosis & response to ECF in the field.
- 2) Development of a multiplex CRISPR-Cas diagnostic assay to support vaccine and epidemiological research.

PIs: Nicholas Svitek and Julius Oyugi

Partners: Consortium with partners from Washington State University, University of Nairobi, KALRO and KEMRI.

Funding: USAID- Feed the Future Innovation Lab for Animal Health.

Highlight of 2020 achievements

> First consortium meeting with partners.

multiplexed

DENV dsDNA 1

- > Planning of the next 4 years of the project.
- > First meeting with the Advisory Team.

