

List of live attenuated vaccine candidates for African Swine Fever (ASF)

Project Title: P615 - Activity 2.3.6: Development of improved vaccines against ASF

Description of the innovation: Ten different modified ASF viruses have been produced by gene deletion to be tested in animals.

New Innovation: No

Stage of innovation: Stage 1: discovery/proof of concept (PC - end of research phase)

Innovation type: Research and Communication Methodologies and Tools

Geographic Scope: Global

Number of individual improved lines/varieties: <Not Applicable>

Description of Stage reached: Ready for next steps in testing attenuation and efficacy of experimental vaccines.

Name of lead organization/entity to take innovation to this stage: ILRI - International Livestock Research Institute

Names of top five contributing organizations/entities to this stage:

- FLI - Friedrich-Loeffler-Institut (FLI)
- JCVI - J. Craig Venter Institute

Milestones:

- 2.4.11 Several African swine fever virus (ASFV) vaccine candidates produced, with 30 tested for attenuation in pigs and at least 2 tested in protection experiments

Sub-IDs:

- 10 - Closed yield gaps through improved agronomic and animal husbandry practices

Contributing Centers/PPA partners:

- ILRI - International Livestock Research Institute

Evidence link:

- <https://hdl.handle.net/10568/110419>

Deliverables associated:

- D17804 - A report on a set of 7 ASFV gene modified strains as candidate vaccines (**Marked as Confidential**)
- D27314 - Presentation on advances in generation of a live attenuated vaccine for ASFV (<https://hdl.handle.net/10568/110419>)

Contributing CRPs/Platforms:

- Livestock - Livestock