

Identification of a new virus

Potential of this **vaccine platform** candidate?

Experimental data production

Production of **vectors**

Slides 3-4

Set up of
immunization protocols

Slide 8

Immunization of **mice** with
vector constructs & CompuVac
reference vectors

Slide 12

Measurements of
immune response parameters
T-cell B-cell Transcriptome

Database

Insert new **vector entries**

Slides 5-7

Insert new
immunization protocol entries

Slides 9-11

Insert new
Experiment and associated
Experimental Group entries

Slides 13-16

Fill up corresponding
Experiment templates

UPLOAD

Slides 17-18

Data analysis

Experiment **Quality Check?**

User-validation

No

Yes

No

Validation

Reject

5

Parameter comparisons

New vector vs. Internal Standard (+ Naïve)

- Individual results
- Experimental groups results
- Experiment results
- Comparison of experiments

Slides 19-24

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Analysis Reports

Conclusion on the overall **potential** of the
virus as a new **vector platform**