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## Complete Genomes of Classical Swine Fever Virus Cloned into Bacterial Artificial Chromosomes

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*Publication date:*  
2011

*Document Version*  
Publisher's PDF, also known as Version of record

[Link back to DTU Orbit](#)

*Citation (APA):*  
Rasmussen, T. B., Reimann, I., Uttenthal, Å., & Beer, M. (2011). Complete Genomes of Classical Swine Fever Virus Cloned into Bacterial Artificial Chromosomes. Abstract from ASF/CSF workshop, Lipica, Slovenia, .

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## **Complete genomes of classical swine fever virus cloned into bacterial artificial chromosomes**

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### **Abstract:**

Complete genome amplification of viral RNA provides a new tool for the generation of modified pestiviruses. We have used our full-genome amplification strategy for generation of amplicons representing complete genomes of classical swine fever virus. The amplicons were cloned directly into a stable single-copy bacterial artificial chromosome (BAC) generating full-length pestivirus DNAs from which infectious RNA transcripts could be also derived. Our strategy allows construction of stable infectious BAC DNAs from a single full-length PCR product.

ASF/CSF workshop, Lipica, Slovenia May 2011