Introduction

- AcMNPV could infect a variety of mammalian cells
- Replication-incompetent in mammalian cells but replication competent in insect cells
- We propose to engineer baculovirus to target specific mammalian cells

Wild type Baculovirus entry route (gp64 entry)

Confocal Image of the insect cell producing the virus (Fusion molecule staining)

Generation of Baculovirus

Conclusion

- Pseudotype baculovirus was generated in insect cells
- Future work: Higher titer baculovirus is needed to test the infection ability