

Polyvalent Vaccine Production

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Problem: Expressing >3 Transgenes in Cells is Difficult

- Generating polyvalent vaccines is difficult

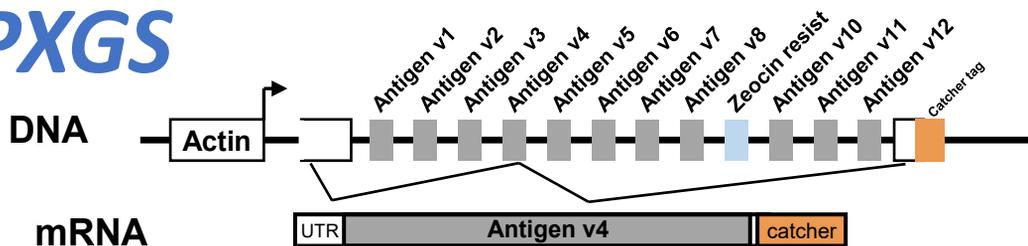
Opportunity

- We have invented a technique to express **>10 genes at a time in insect cells**
- Technique is **virus-free** and a **single DNA plasmid**

Solution: The Poly-Transgene Expression System (PXGS)

Production of every isoform of a viral antigen

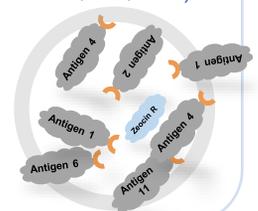
PXGS



Protein



Insect cell
(Sf9, High Five cell, S2, etc.)



Multiple rounds of transcriptions:

Collaboration Avenues

- **Project collaboration or joint development:** Collaboration on furthering the patent development for full USPTO and European patents (currently provisional US 63/702,951)
- **Technology/asset licensing:** Patent licensing