

# 288% Yield Increase From Insect Cells with **OptimumGrowth™ 5L Flask** Patented



**New York**  
Structural Genomics Research Consortium



Dr. James Love | Dr. Scott Garforth

## GROWTH CONDITIONS

- Infection: High Five cells at  $1 \times 10^6$ /mL infected with 500 $\mu$ L of P3 virus per liter of culture
- Culture conditions: 100 rpm, 50mm throw, Express Hi5® media from Invitrogen®
- Secreted targets harvested at 96 hours post infection
- Two Corning® 3L Fernbach Flasks with 2L of media in each Flask totaling 4L of media
- One Optimum Growth™ 5L Flask with 3L of media

## CLONE# REFERENCE

1 = 4001270419

5 = 4000581924

2 = 4001270019

6 = 4000581921

3 = 4000622120

7 = 4000570411

4 = 4000586124

8 = 4000580413

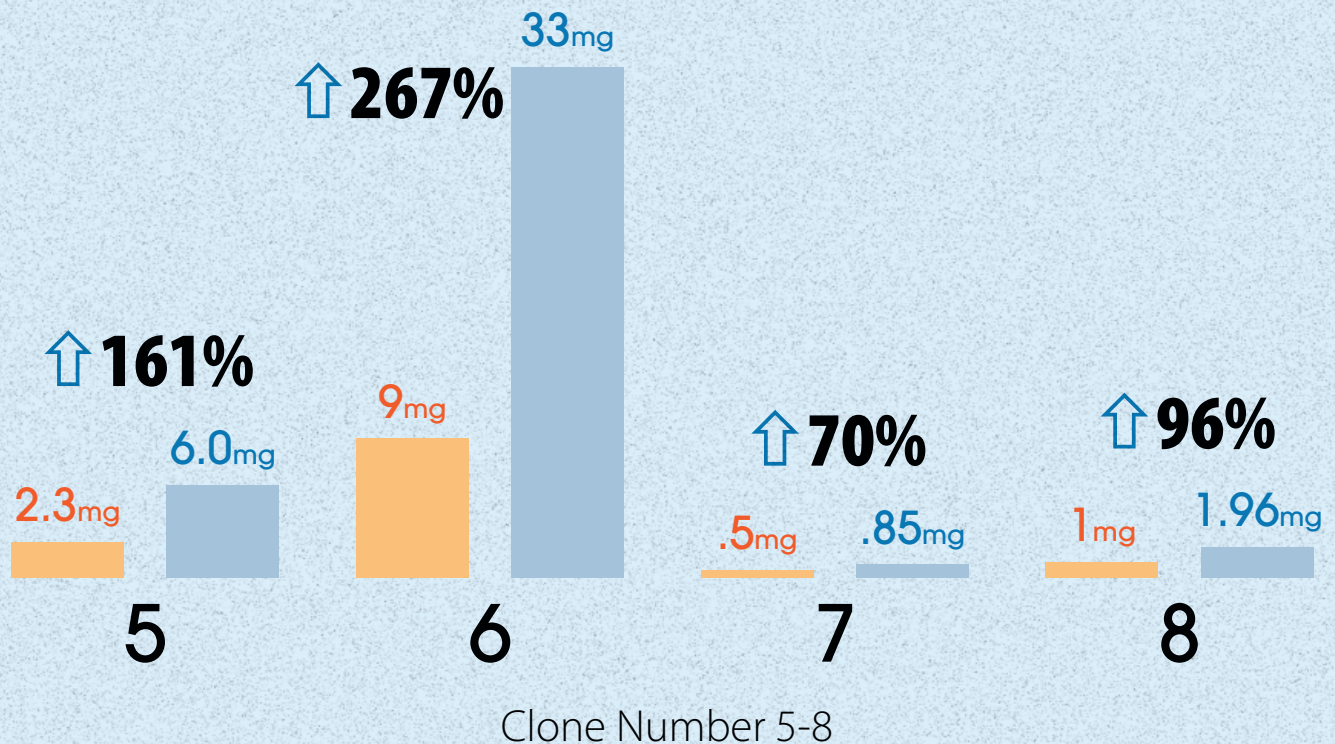
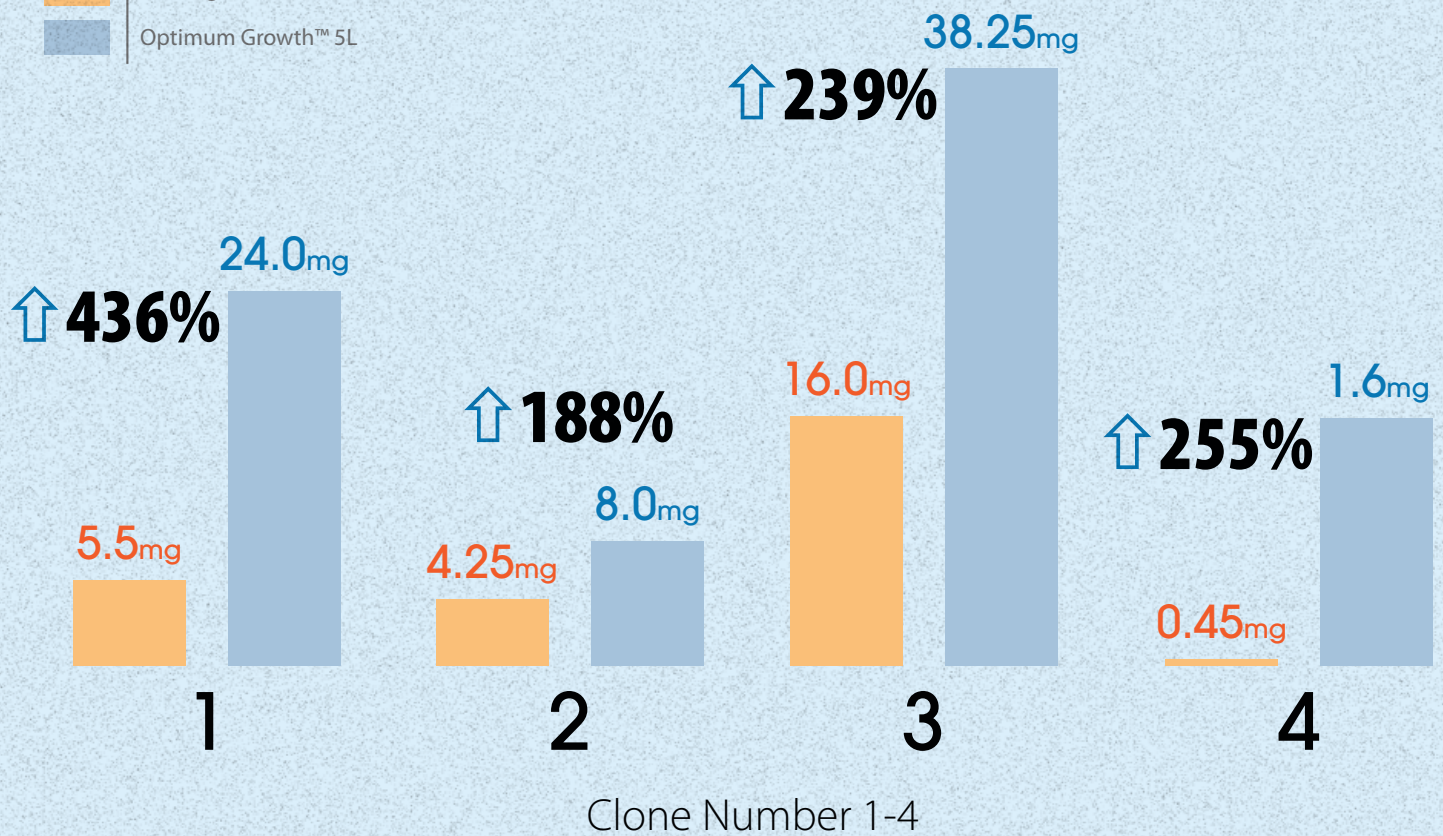
Link to Clone# in Secreted Human Proteins Form - <http://sbkb.org/tt/>

*\* Data will be available after 4-1-2013*



# PROTEIN PRODUCTION/FLASK

Corning® 3L  
Optimum Growth™ 5L





# YIELD/LITER

Corning® 3L  
Optimum Growth™ 5L

