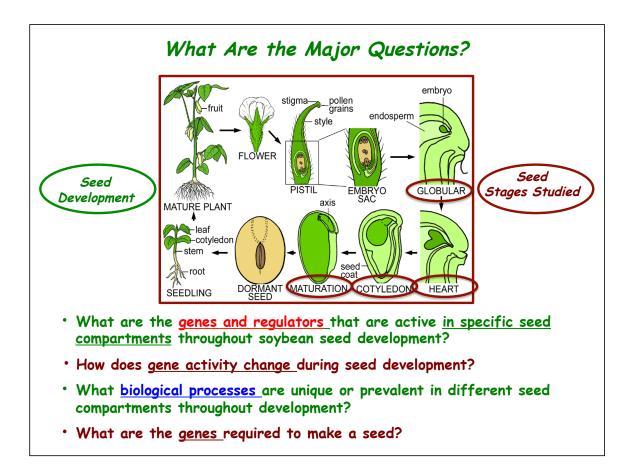
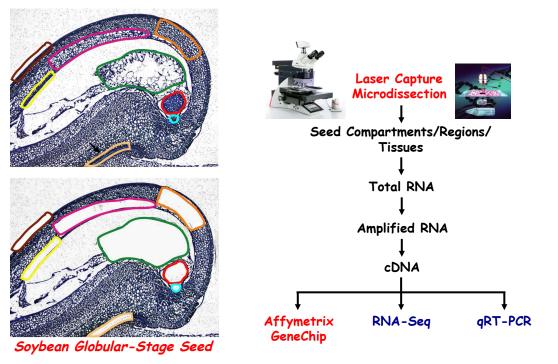
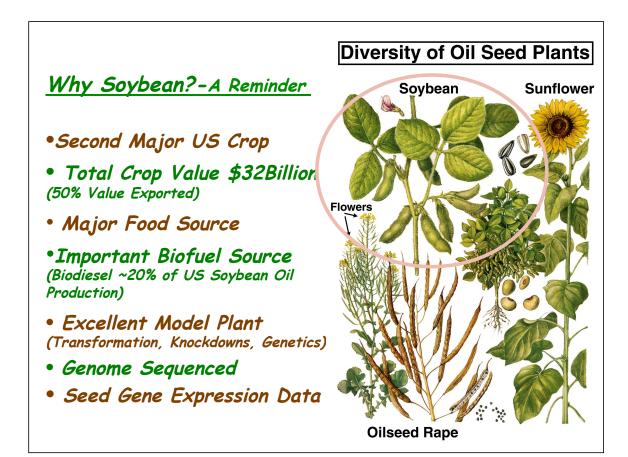
What Are the Functions of Soybean Seed Compartments?

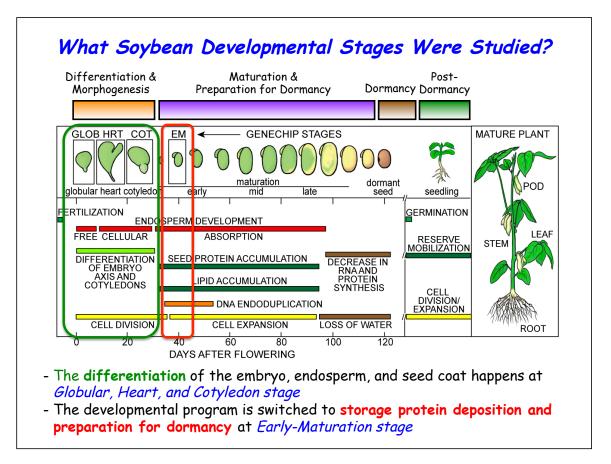
Jungim Hur Goldberg Lab, UCLA Seed Institute Meeting 11-11-2011

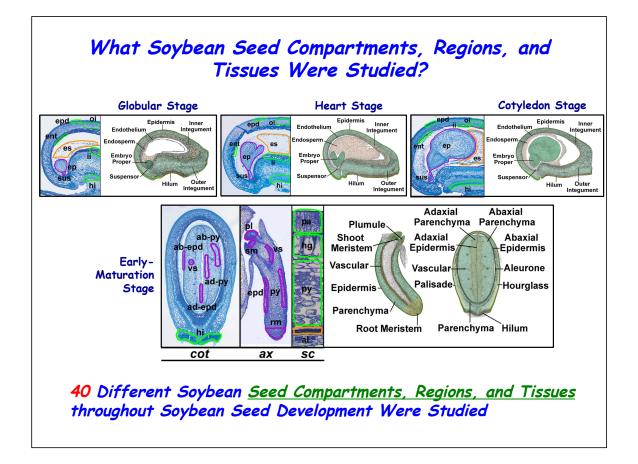


How Did We Study Gene Activity in Different Seed Compartments during Development?

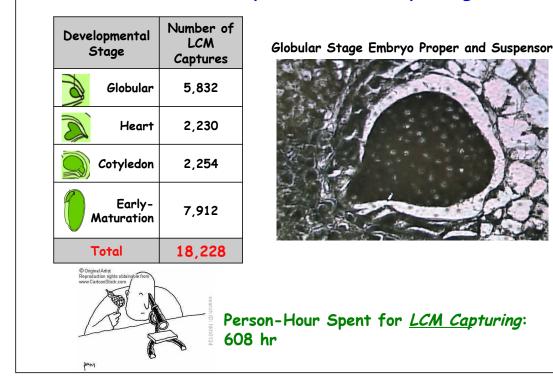


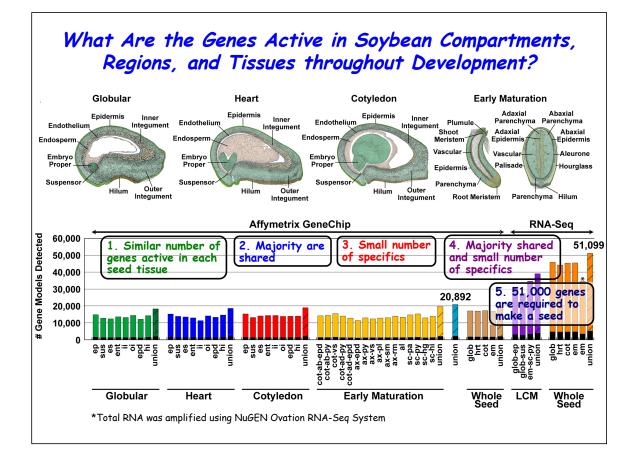


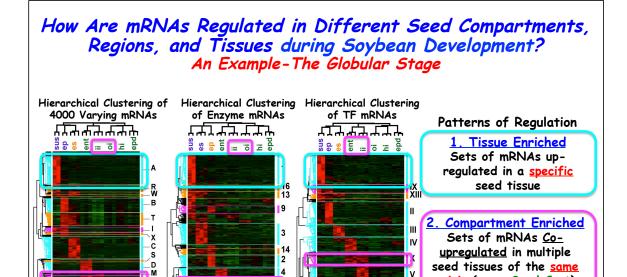




How Many LCM Sections Were Captured and How Many Hours Were Spent for LCM Capturing?







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XI VI

٢N

XII

VII

VII

3

origin (e.g., Seed Coat)

3. Mosaic

Sets of mRNAs Co-

<u>upregulated</u> in multiple

seed tissues of the

different origins

(e.g., EP-ES)

4

10

5

11

15

6

8

7 12

-3

J

ENYQENOD

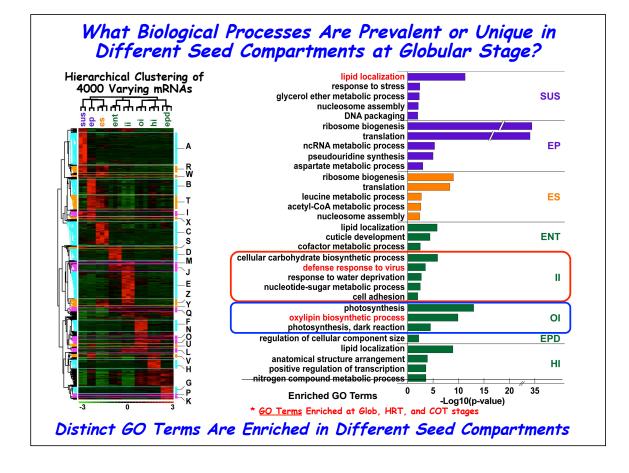
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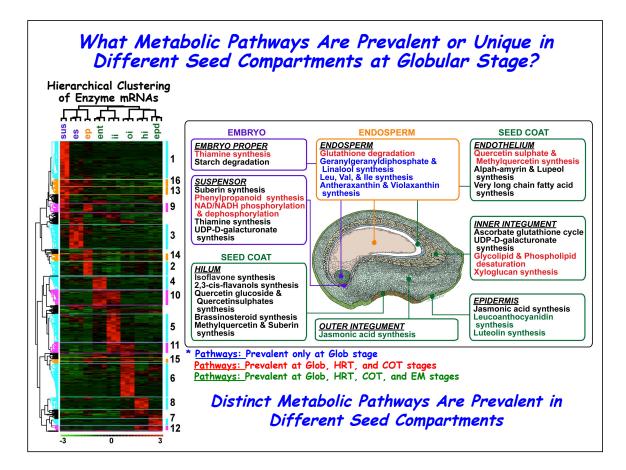
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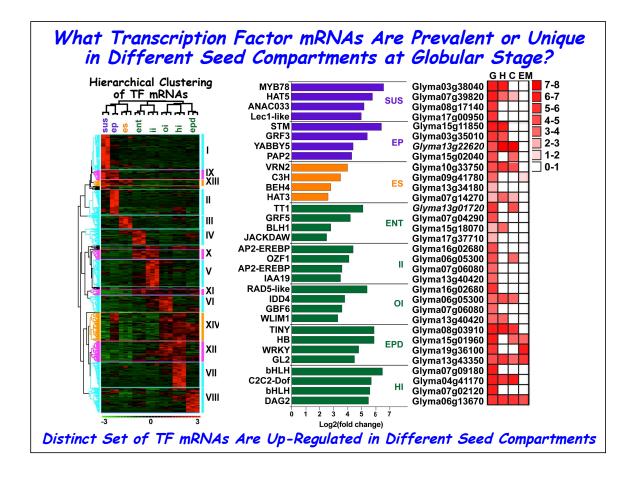
-3

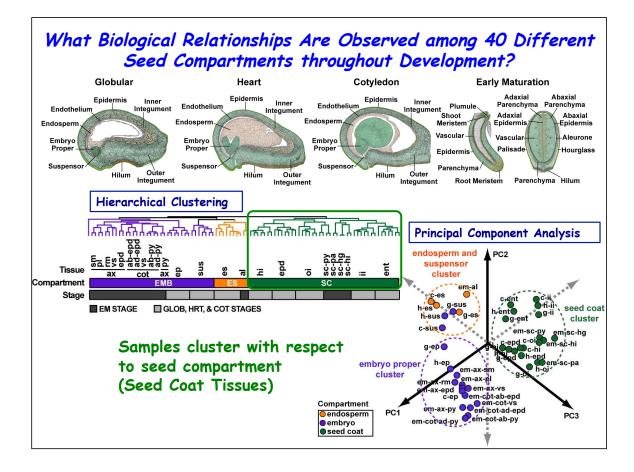
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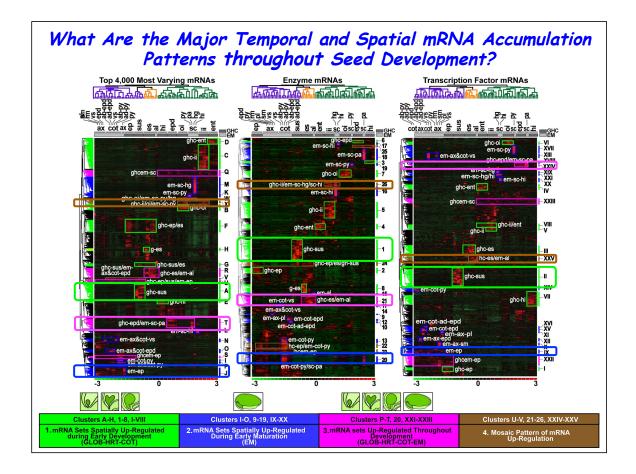
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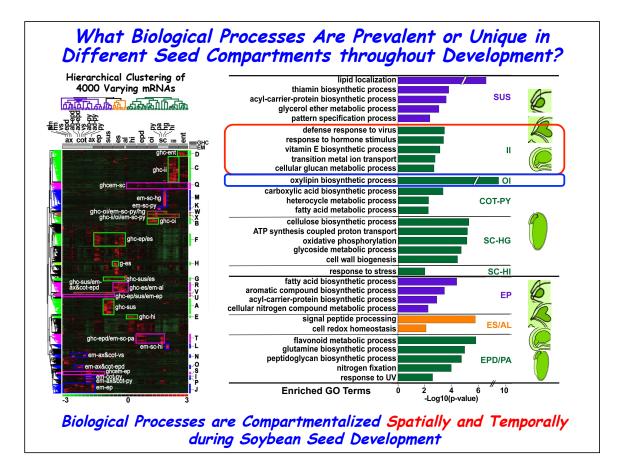


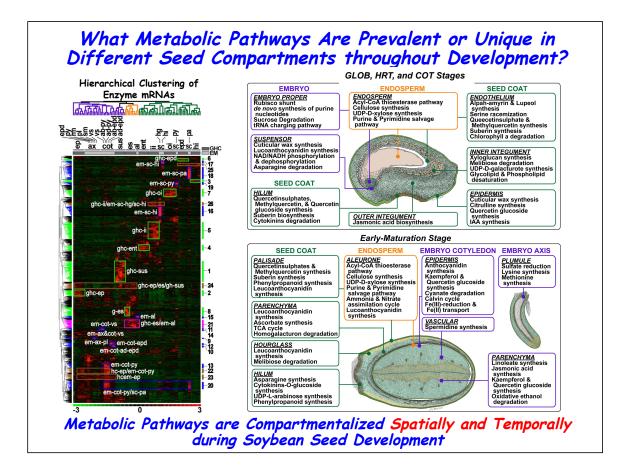












What Transcription Factor mRNAs Are Prevalent or Unique in Different Seed Compartments throughout Development?

