

Manipulating seed size in *Brassica*

Domestication



Photo by John Doeblev



<http://leslieland.com/2008/07/wild-about-wild-strawberries/>

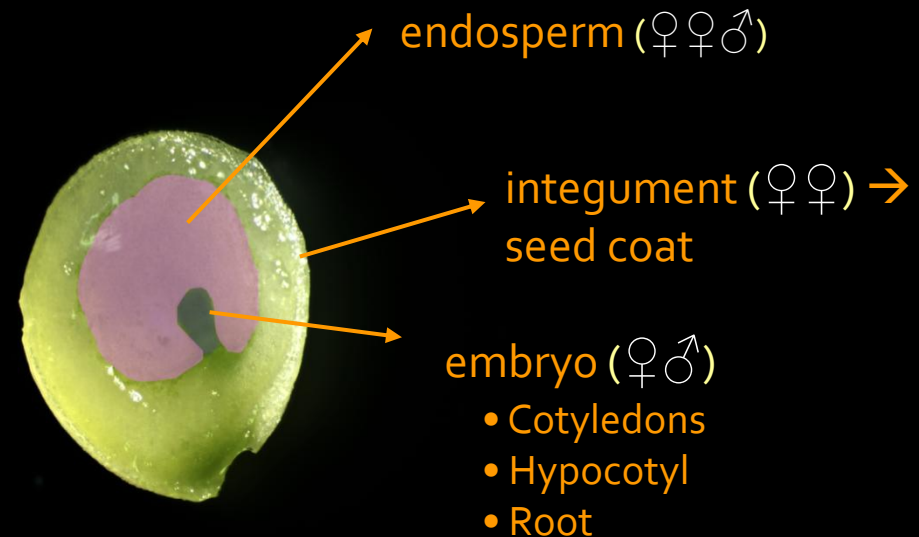


Cong *et al.* 2008

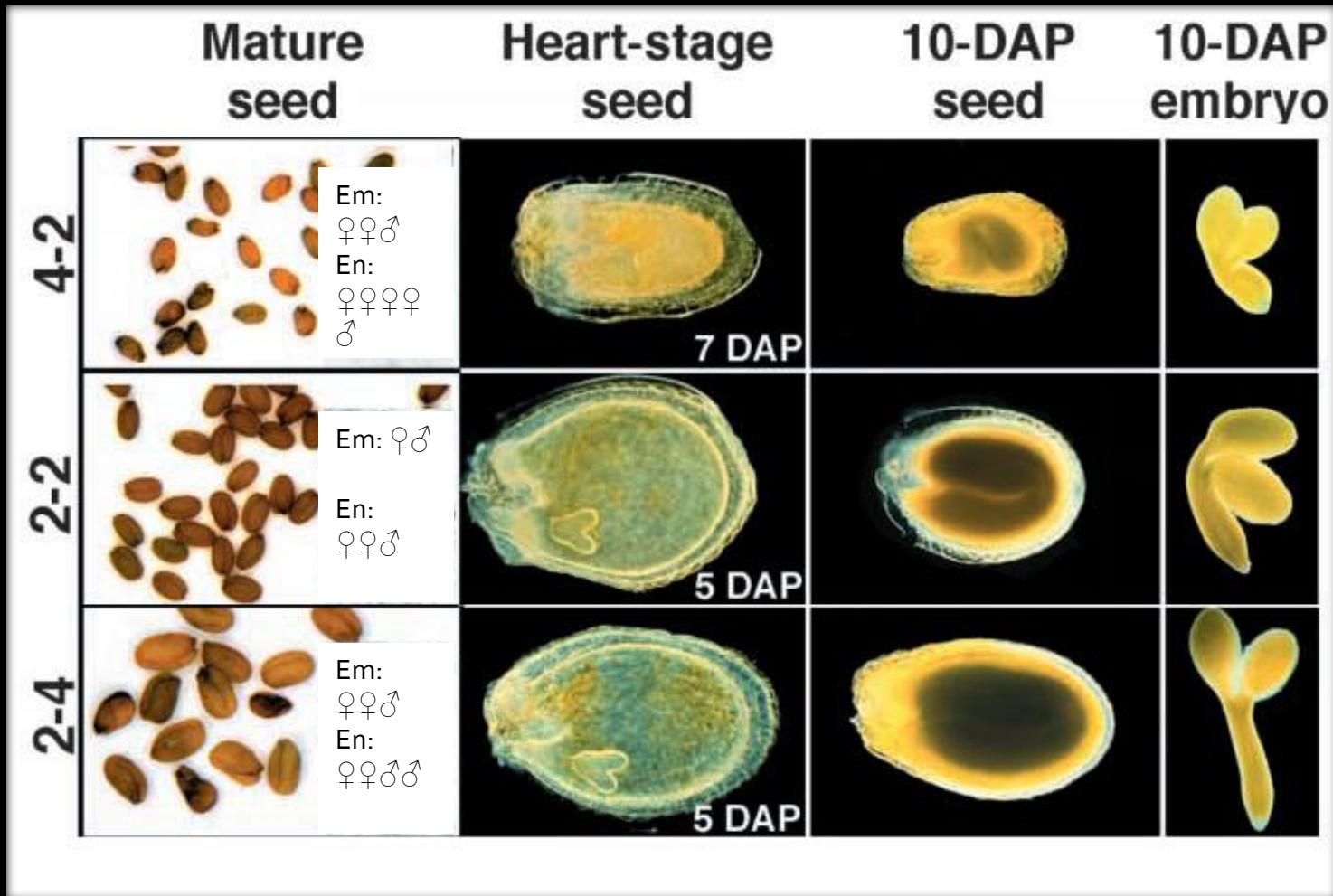
Factors affecting seed size in *Arabidopsis*

- Endosperm proliferation

- Integument growth



Genomic contributions



lines of investigation

- C-genome contribution
- Mutant and over-expression studies for candidates genes for:
 - Endosperm proliferation
 - Integument growth

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Thank you

Graham King
Smita Kurup
Nira Muttucumaru

Rod Scott
Valentyna Varenko