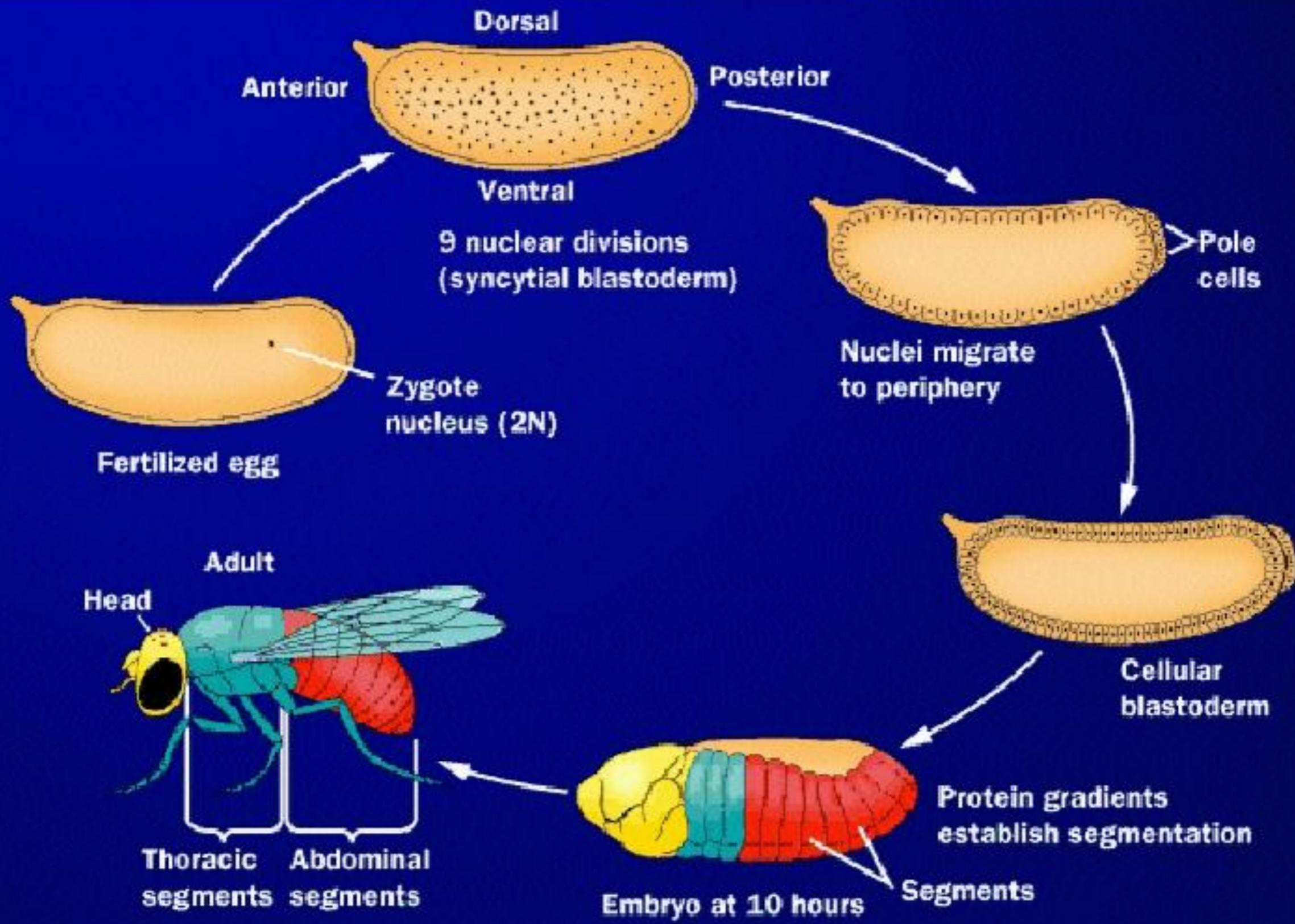
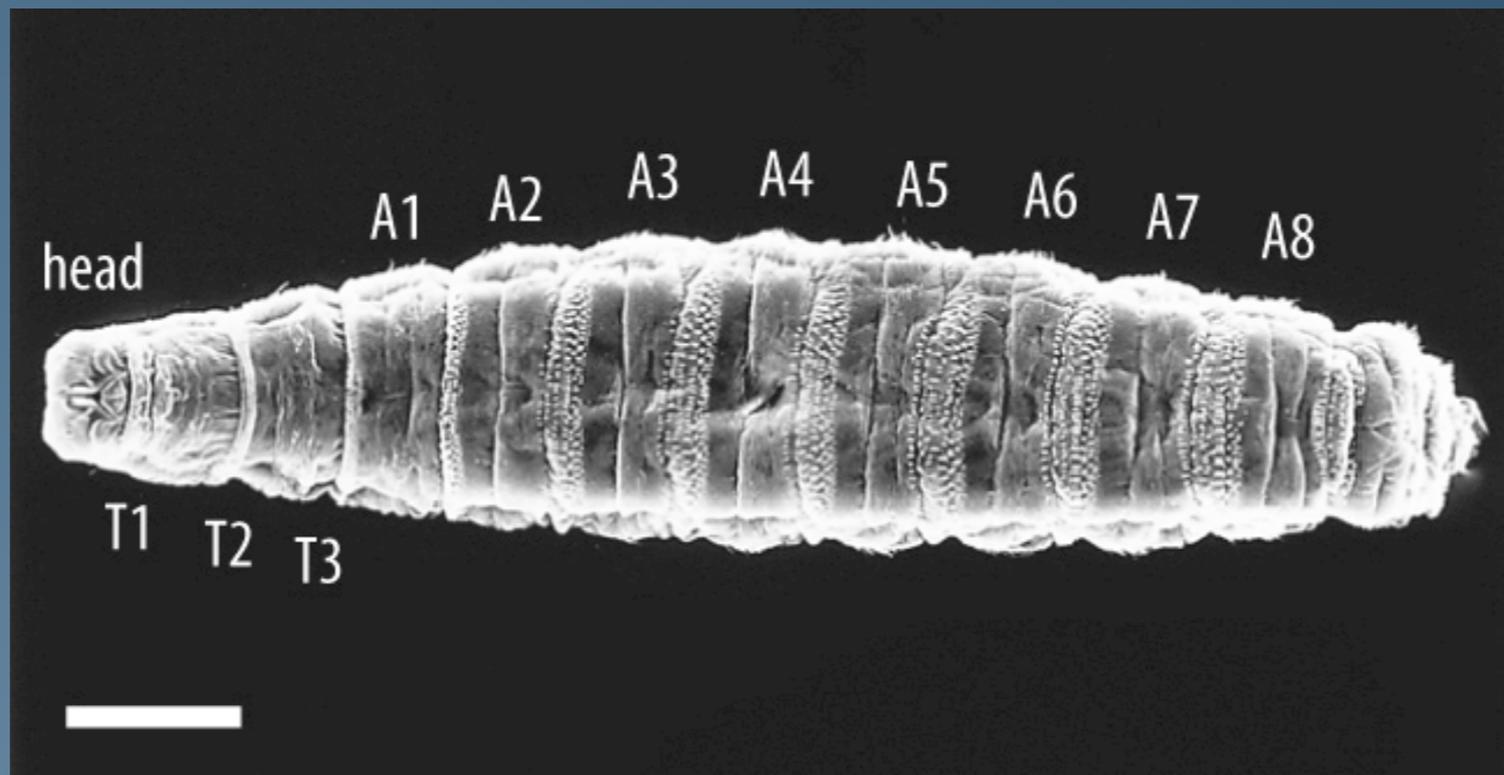
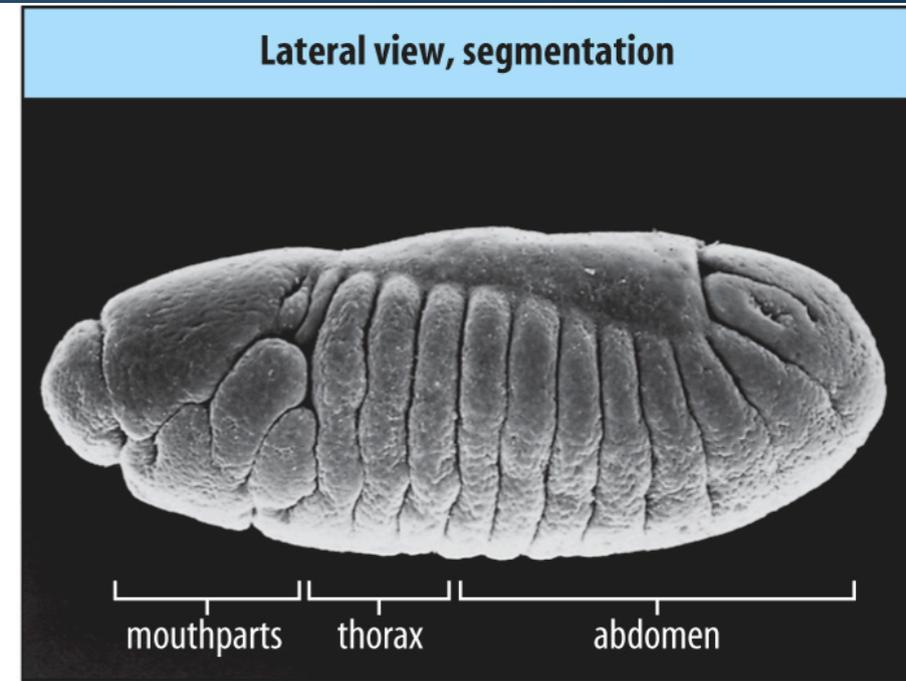
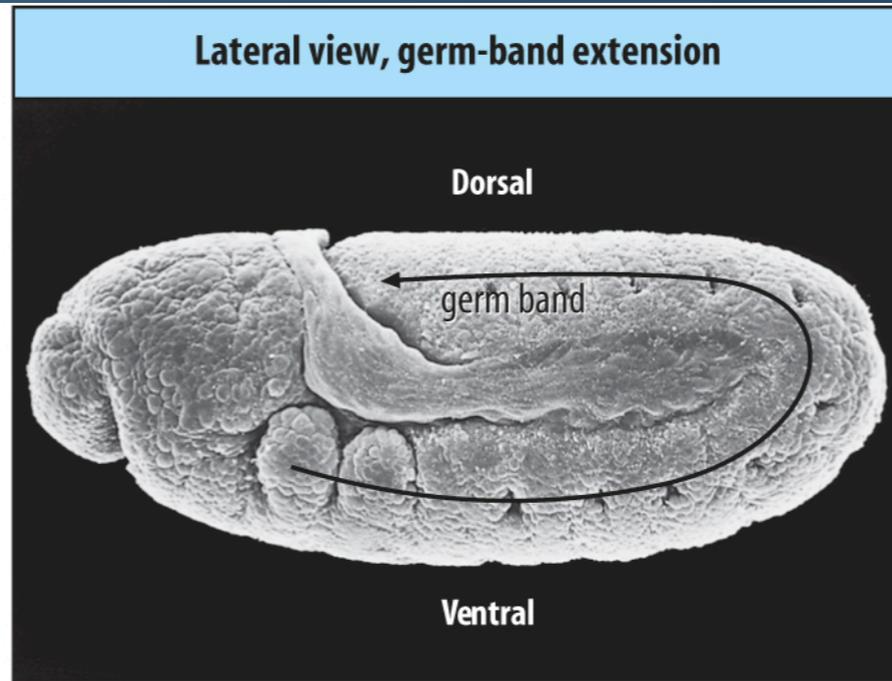
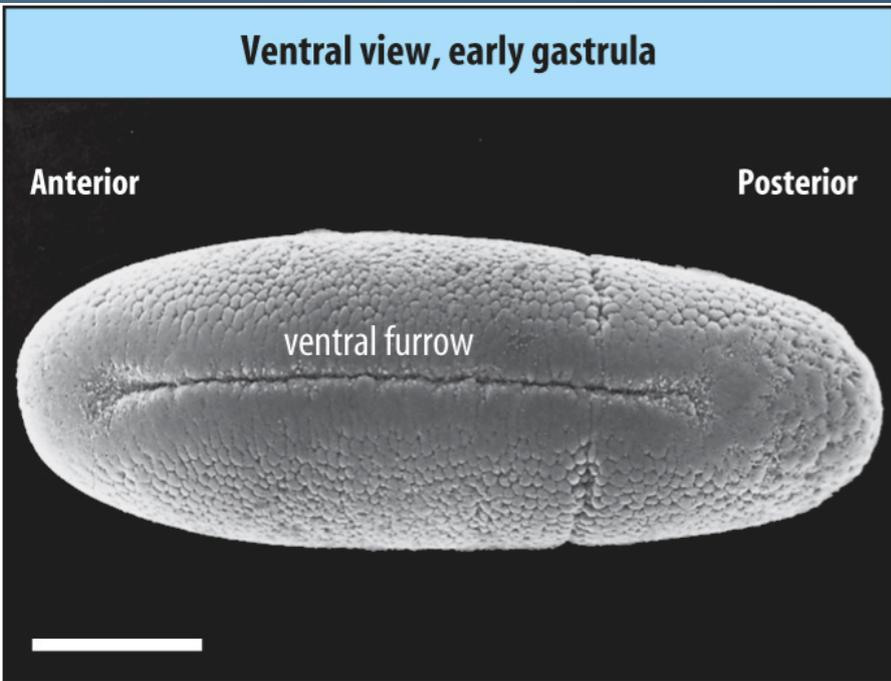
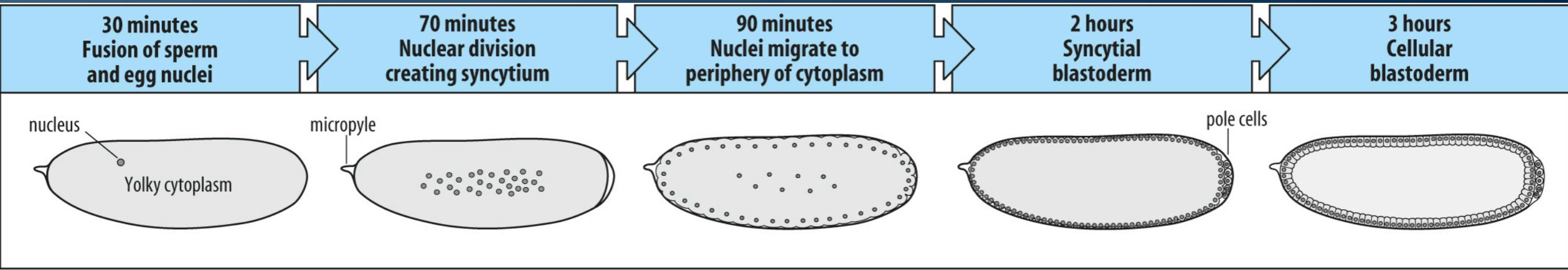
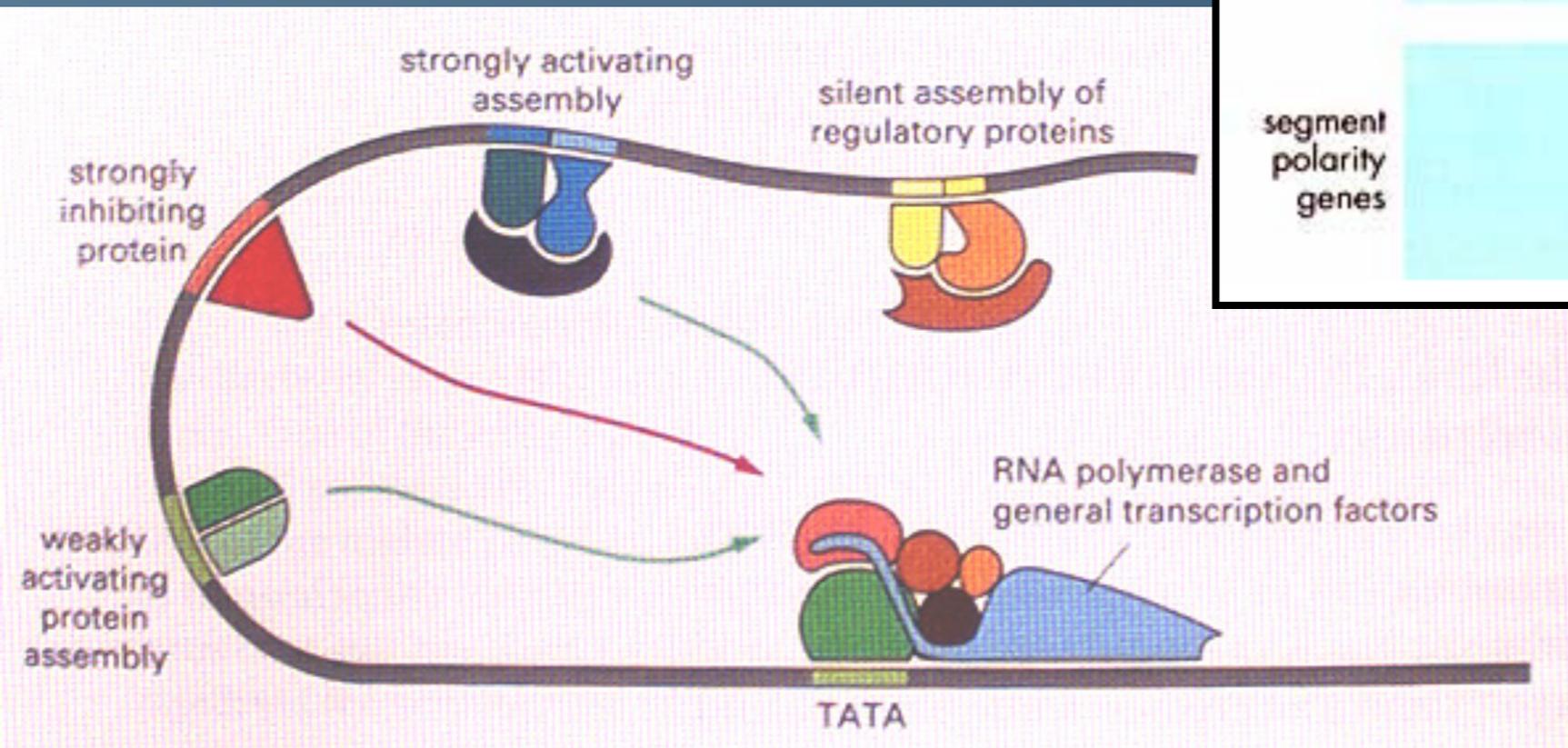
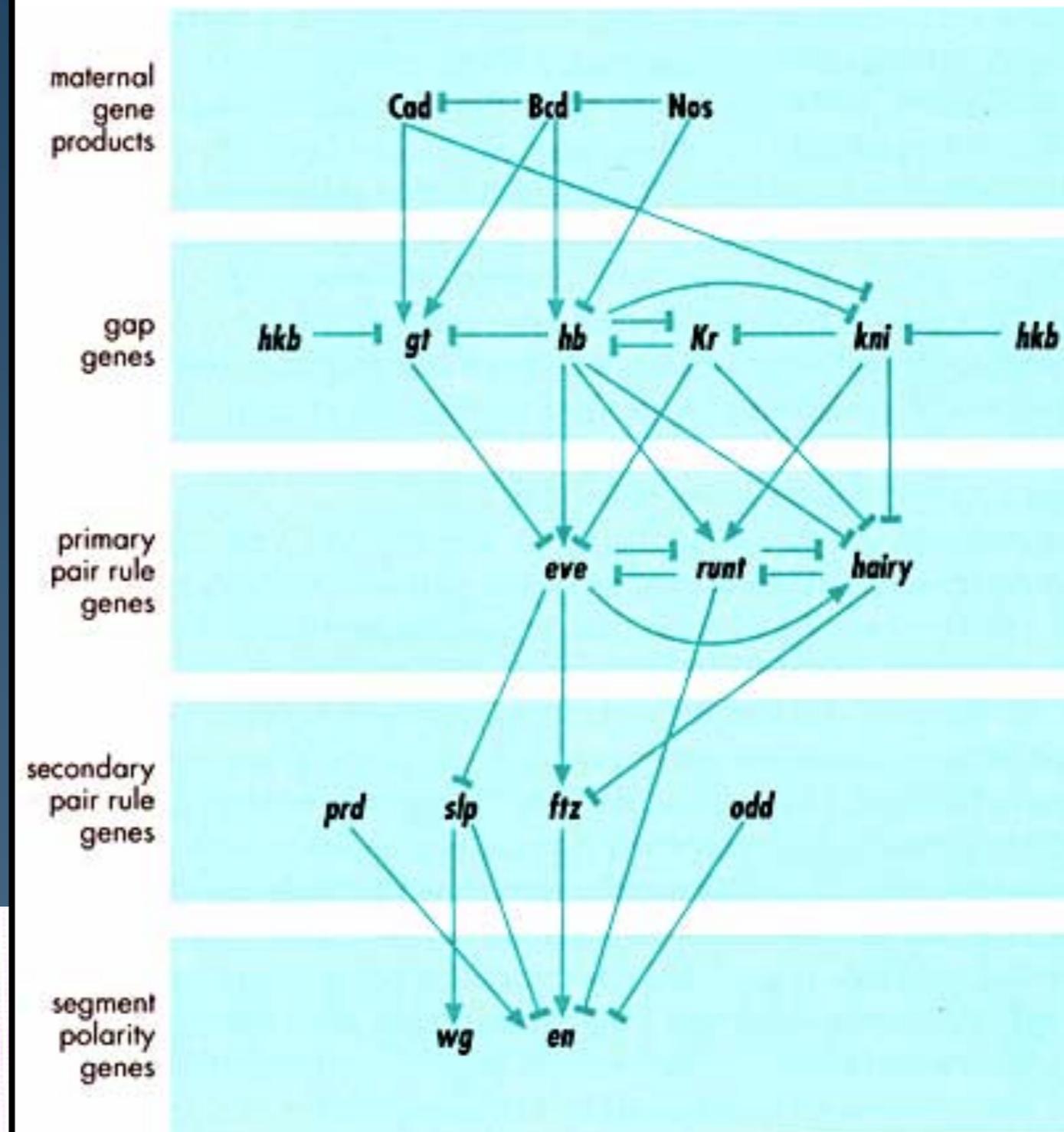


Análisis genético del desarrollo

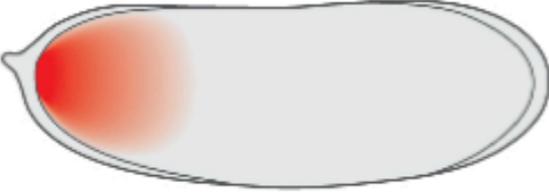




Interacciones entre genes reguladores del desarrollo. (Redes de Regulación)



Maternal genes

Gene group	Examples of regions of gene activity	Name of example
		<i>bicoid</i>

embrión descendiente de hembra - / -

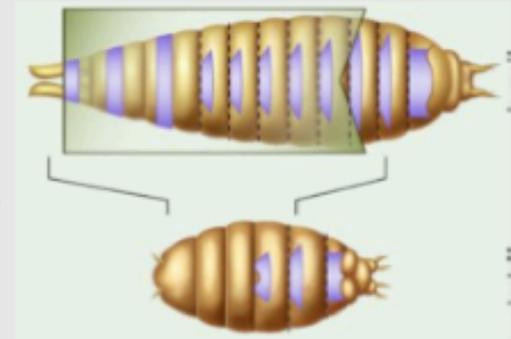


Zygotic genes

Gap genes		<i>krüppel</i>
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embrión + / +

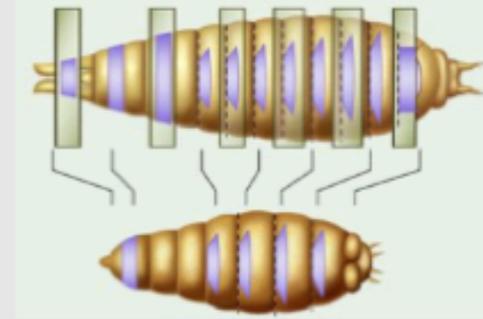
embrión - / -



Pair-rule genes		<i>even-skipped</i> <i>fushi tarazu</i>
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embrión + / +

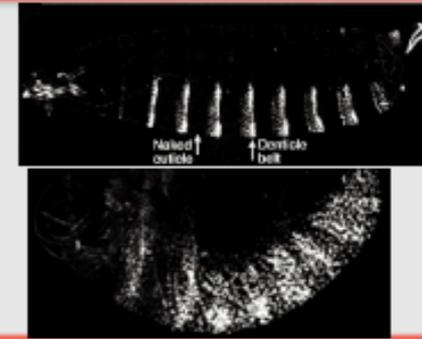
embrión - / -



Segment polarity genes		<i>wingless</i>
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larva + / +

larva - / -

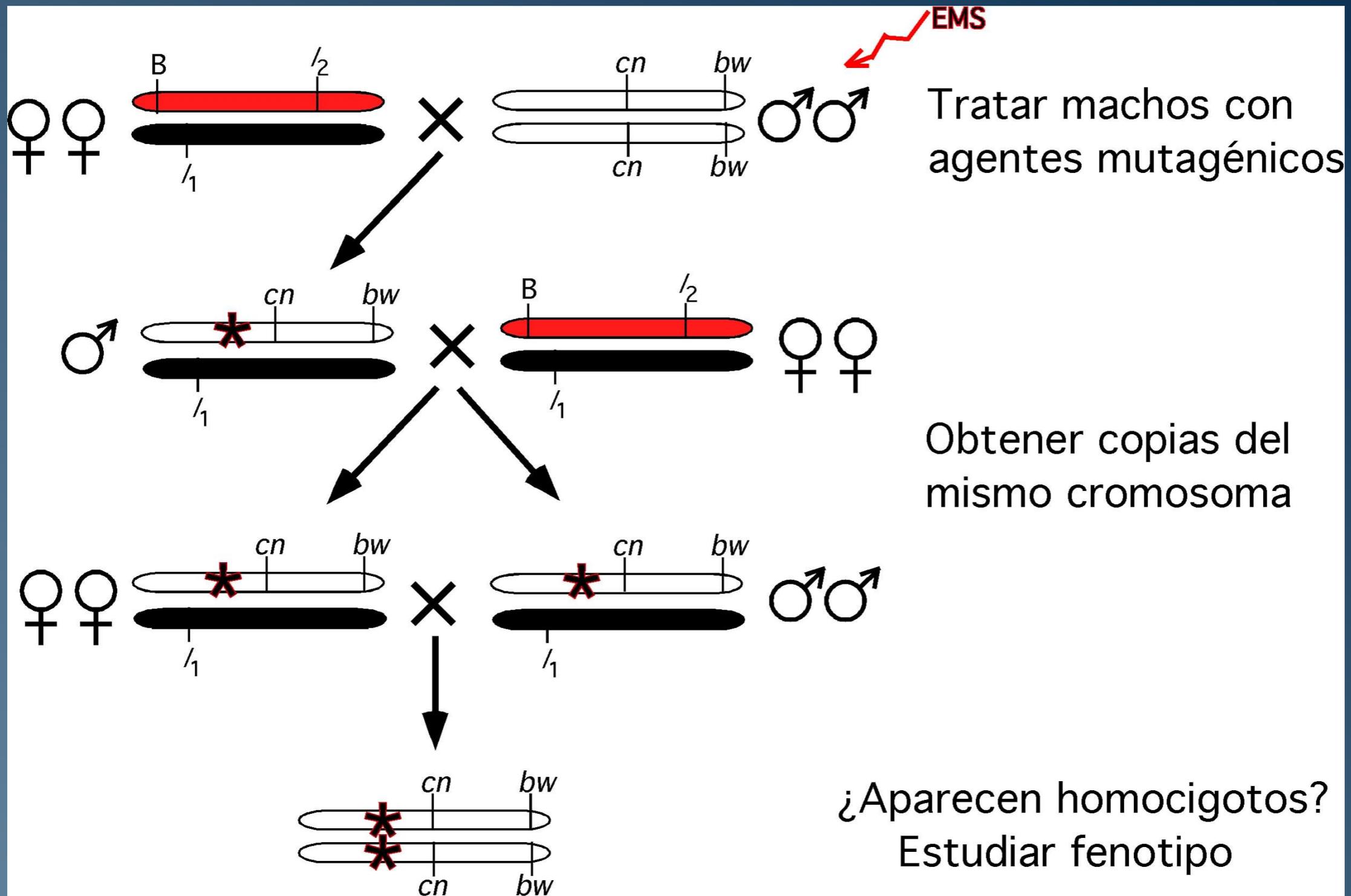


Selector genes		<i>bithorax</i>
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individuo - / -



Búsqueda de mutantes de desarrollo en *Drosophila*



Resultados de un experimento para aislar mutantes de desarrollo en el cromosoma 2 de *Drosophila melanogaster*:

-Cromosomas analizados: 10896

-Letales embrionarios: 2021

-Grupos de complementación: 101

-Mutaciones letales: 5415

-Letales con fenotipos embrionarios anómalos: 297