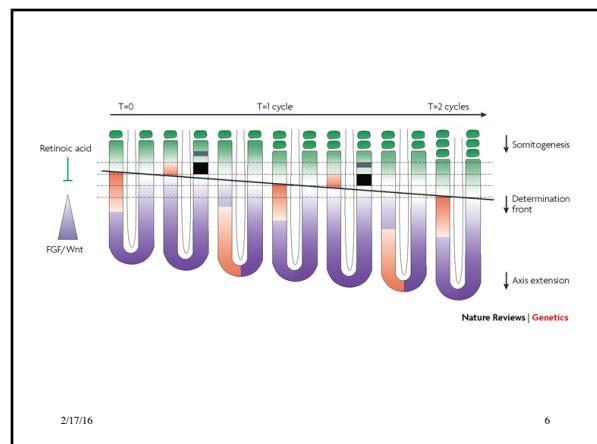
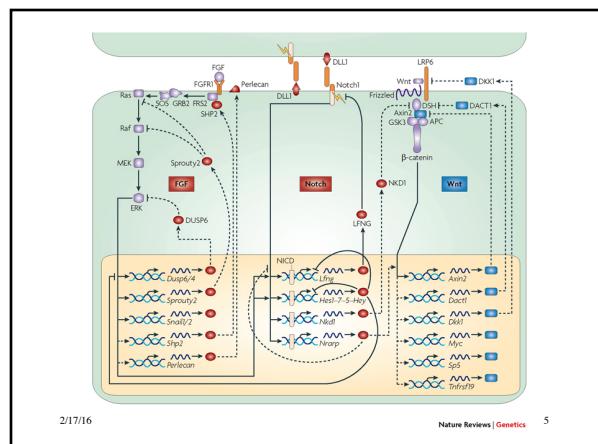
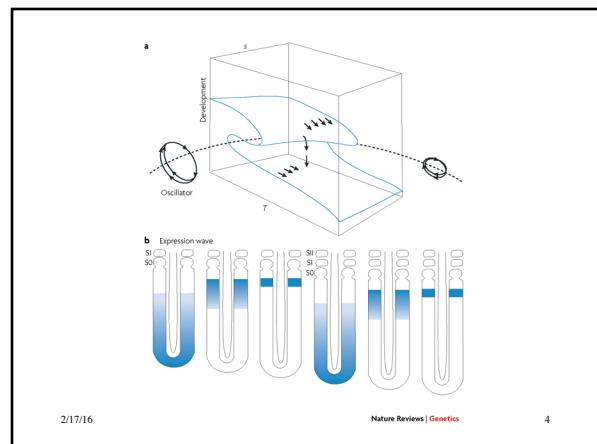
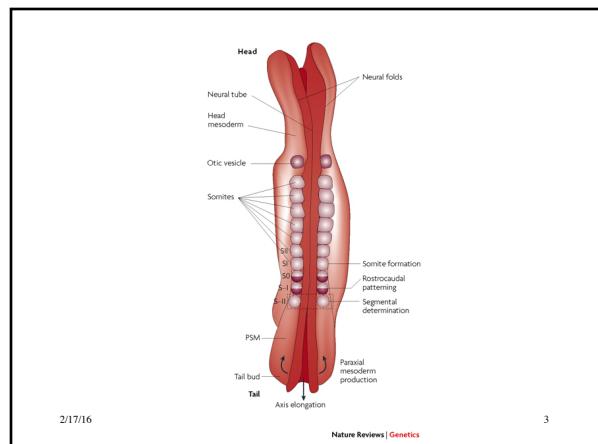
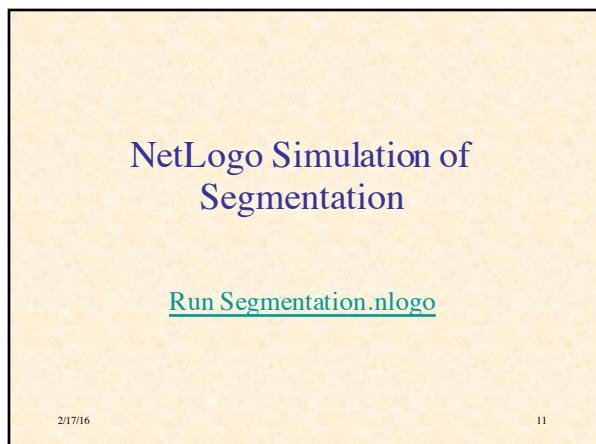
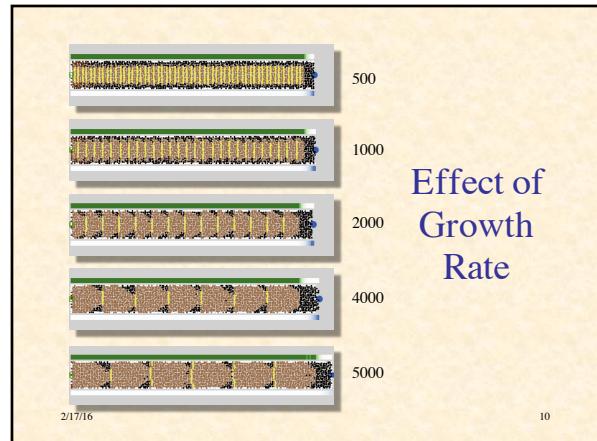
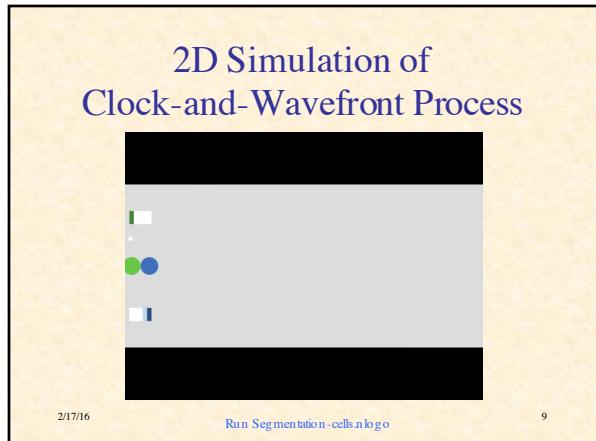
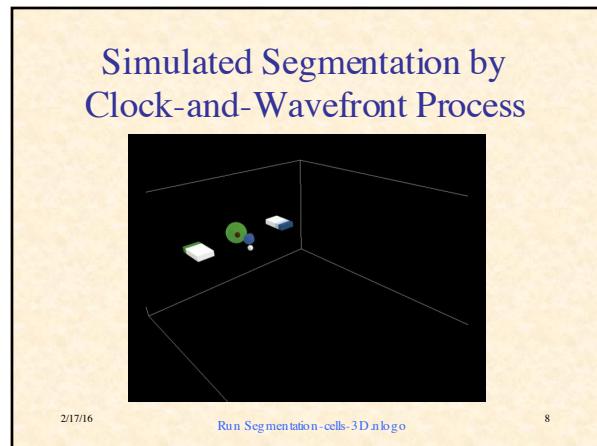
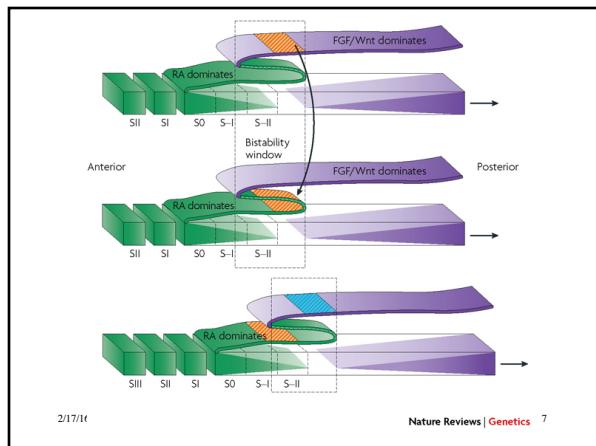


- ## Vertebrae
- Humans: 33, chickens: 55, mice: 65, corn snake: 315
  - Characteristic of species
  - How does an embryo “count” them?
  - “Clock and wavefront model” of Cooke & Zeeman (1976).
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- ### Segmentation References
1. Cooke, J., & Zeeman, E.C. (1976). A clock and waveform model for control of the number of repeated structures during animal morphogenesis. *J. Theor. Biol.* **58**: 455–76.
  2. Dequéant, M.-L., & Pourquié, O. (2008). Segmental patterning of the vertebrate embryonic axis. *Nature Reviews Genetics* **9**: 370–82.
  3. Gomez, C., Özbudak, E.M., Wunderlich, J., Baumann, D., Lewis, J., & Pourquié, O. (2008). Control of segment number in vertebrate embryos. *Nature* **454**: 335–9.
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