

## E. Segmentation

(in embryological development)

2/10/17

1

---

---

---

---

---

---

## Vertebrae

- Humans: 33, chickens: 55, mice: 65, corn snake: 315
- Characteristic of species
- How does an embryo “count” them?
- “Clock and waveform model” of Cooke & Zeeman (1976).

2/10/17

2

---

---

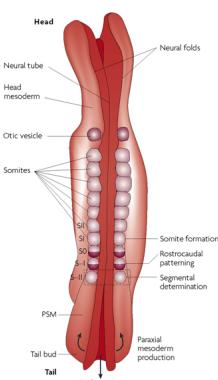
---

---

---

---

---



2/10/17

3

---

---

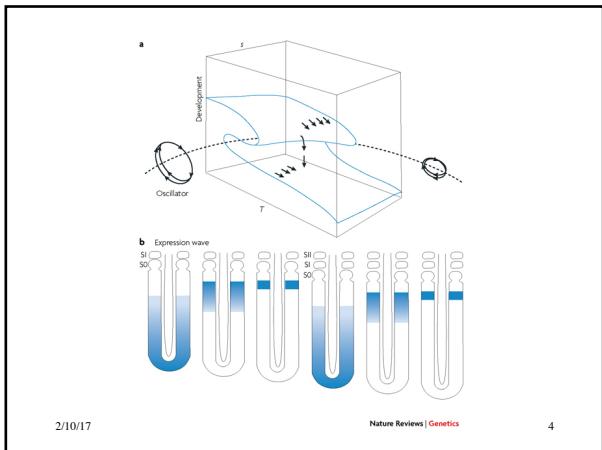
---

---

---

---

---




---



---



---



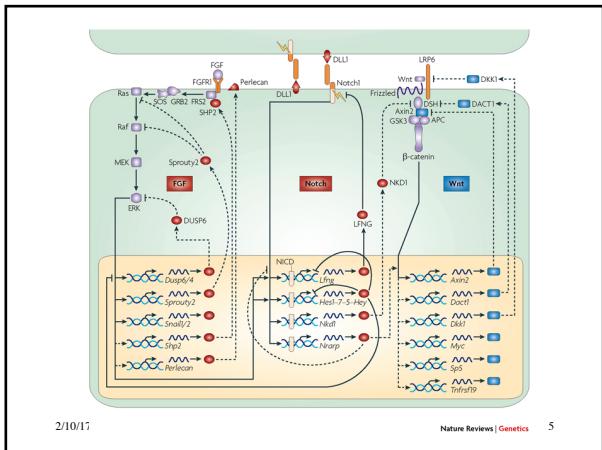
---



---



---




---



---



---



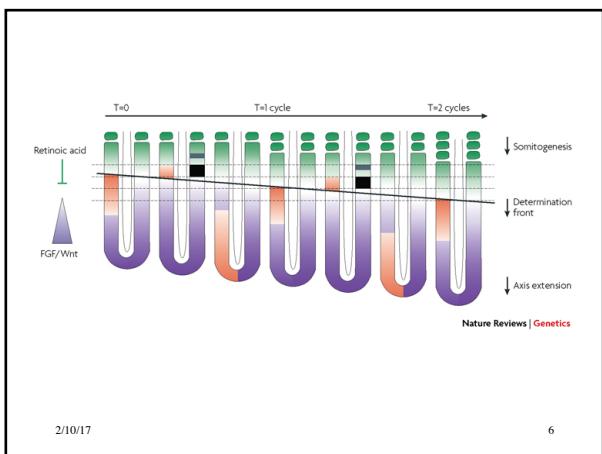
---



---



---




---



---



---



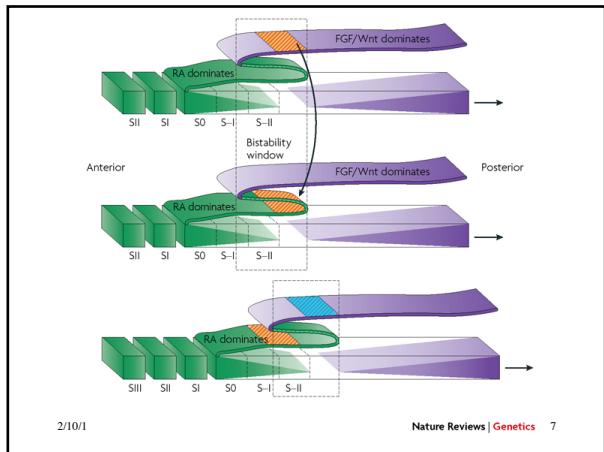
---



---



---



---

---

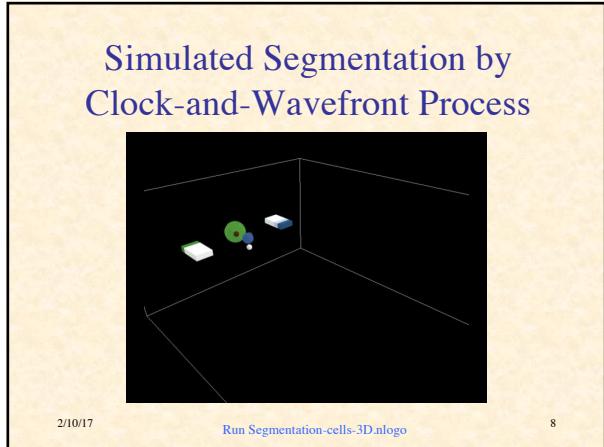
---

---

---

---

---



---

---

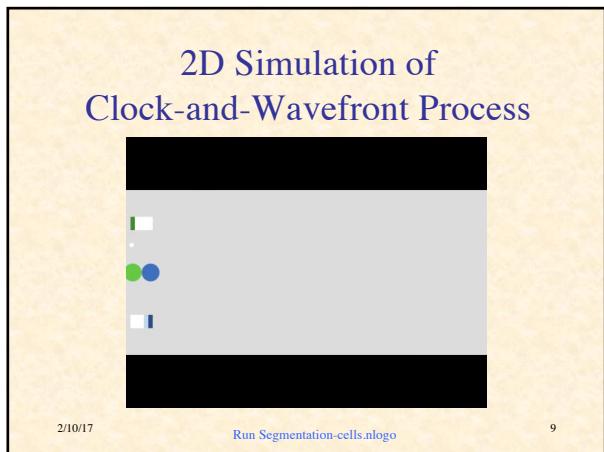
---

---

---

---

---



---

---

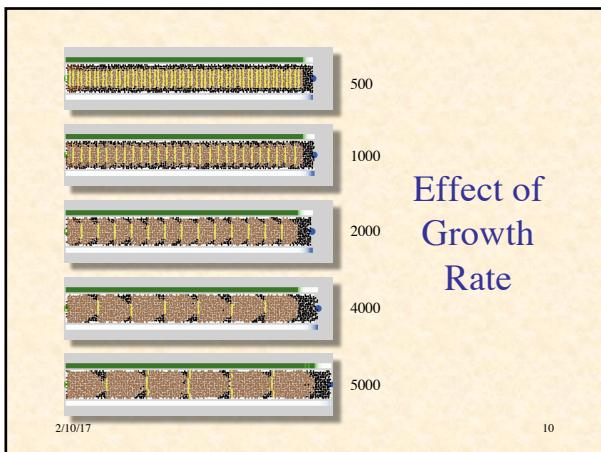
---

---

---

---

---



---

---

---

---

---

---



---

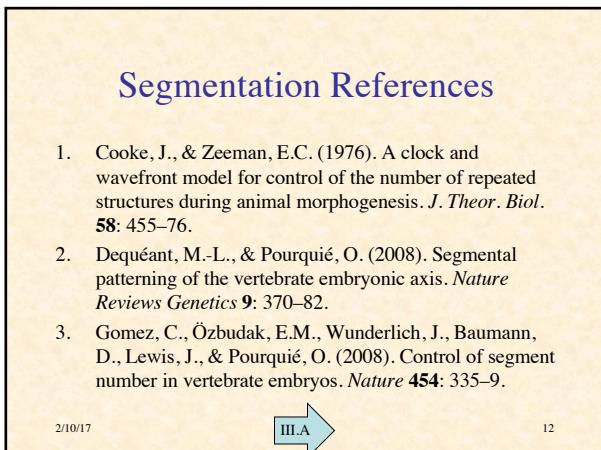
---

---

---

---

---



---

---

---

---

---

---

---