

Class II homework: **due Monday, 9/21/09**

Read these two papers:

Bernstein *et al.* A bivalent chromatin structure marks key developmental genes in embryonic stem cells. *Cell* 125: 315-326 (2006).

Guenther *et al.* A chromatin landmark and transcription initiation at most promoters in human cells. *Cell* 130: 77-88 (2007).

Prepare a **1 page** write-up for each paper:

1. What were the key questions addressed in each study?
2. What were the major methods employed?
3. What were the major conclusions? Which were the key figures?