



Figure 2. Regulation of Hox Transcription

The boundaries of *abd-A* transcription and other Hox genes are established by segmentation proteins. These include the products of gap and pair-rule genes, which subdivide the embryo into 14 identical segments. During subsequent development, the “OFF” or “ON” states of Hox transcription are maintained by the ubiquitously expressed members of the *trxG* of activators and the *PcG* of repressors via mechanisms that remain poorly understood.