

Figure 3. Overview of X-chromosome regulation. Dosage compensation occurs in somatic tissues only in XX hermaphrodites. Repression of the Xs in the germline occurs in both XO males and XX hermaphrodites. Hermaphrodites display late and partial activation of X-linked genes during late pachytene of oogenesis. The black cell highlights the single primordial germ cell in the embryo that generates the germline in the adult gonad.

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