

## FEMALE/MALE DOSAGE COMPENSATION IN MOSQUITOES

The rule of equal opportunities between males and females in mammals (😊) is achieved through the (not complete) inactivation of one of the two X chromosomes (Mary Lyon, 1961). *XIST*, the responsible gene, was identified long ago. In Diptera order, which includes mosquitos and flies, compensation is achieved by overexpression of X-linked genes in males. The responsible gene, however, was not identified until recently. Kalita et al. (Cell) (1) have now reported that the responsible gene in mosquitoes is *SOA*: it is differentially spliced in males and females.

1. <https://www.nature.com/articles/s41586-023-06641-0>