



Figure 3. The various components of the MSL complex. Known or proposed functions of MSL components include the acetylation of histone H4K16 by MOF and the ubiquitination of H2BK34 by MSL2; MLE has ATPase and RNA/DNA helicase activity, and JIL-1 phosphorylates histone H3. The male-specific complex promotes enrichment of the general factors JIL-1 and topoisomerase II to the male X chromosome.