

[Open Peer Review on Qeios](#)

# FOXO Family

National Cancer Institute

## Source

National Cancer Institute. *FOXO Family*. NCI Thesaurus. Code C118892.

A subfamily within the forkhead box (FOX) protein family, which is a family of transcription factors that contain a forkhead DNA-binding domain. FOXO proteins regulate apoptosis, cell-cycle progression, oxidative-stress resistance, and tumor suppression. The transcriptional promoter activity of these factors is regulated by post-translational modifications, such as phosphorylation, acetylation, and monoubiquitination.