

Download Phosphorylation Cascades Involving A Series Of Protein Kinases

A tyrosine kinase is an enzyme that can transfer a phosphate group from ATP to a protein in a cell. It functions as an "on" or "off" switch in many cellular functions. Data table showing topics related to specific cancers and associated disorders. Scope includes mutations and abnormal protein expression. Hypoxia-inducible factor-1 (HIF-1) has been recognized as an important cancer drug target. This review summarizes the role and regulation of the HIF-1? in cancer and recent therapeutic approaches targeting this important pathway. The nuclear envelope, otherwise known as nuclear membrane, consists of two cellular membranes, an inner and an outer membrane, arranged parallel to one another and separated by 10 to 50 nanometres (nm).