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MYC Box

National Cancer Institute

Source

National Cancer Institute. *MYC Box*. NCI Thesaurus. Code C13406.

MYC boxes I and II, found in the N termini of all members of the MYC protein family, function to direct the degradation of the c-MYC protein. Both MYC boxes I and II contain sufficient information to independently direct the degradation of otherwise stably expressed proteins to which they are fused. At least part of the MYC box-directed degradation occurs via the proteasome.