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GXGXXXG Motif

National Cancer Institute

Source

National Cancer Institute. *GXGXXXG Motif*. NCI Thesaurus. Code C14072.

The GXGXXXG Motif is often found in the NAD-binding domain (often N-terminal) in metabolic enzymes involved in glycolysis, gluconeogenesis, and the citric acid cycle, such as GAPDH (glyceraldehyde-3-phosphate oxidation and phosphorylation), lactate dehydrogenases (lactate to pyruvate conversion), and malate dehydrogenases (malate to oxaloacetate interconversion). (NCI)