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Androgen Response Element

National Cancer Institute

Source

National Cancer Institute. *Androgen Response Element*. NCI Thesaurus. Code C13662.

Androgen response element is the target binding element for activated androgen receptor homodimer. The consensus sequence for this high-affinity androgen receptor-binding is the palindromic sequence GGT/AACAAnnT GTTCT, though could deviate considerably in natural promoter sequences. The most well-characterized in this regard is the promoter of the PSA (prostate-specific antigen) gene.