**Technology:** Polymorphism in the macrophage migration inhibitory factor (MIF) gene as marker for prostate cancer

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**Topic:** Oncology

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The VA has sole ownership interest

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**Abstract** The present invention relates to the risk assessment, detection, diagnosis, or prognosis of prostate cancer. More specifically, this invention relates to the detection of certain polymorphism in the promoter region of the MIF gene to determine the risk, detect, diagnose, or prognosticate prostate cancer. Applicants have discovered that the presence of a -173C and/or -749 (CATT).sub.7 or more repeat predispose an individual to prostate cancer.