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(54) Title: METHOD OF PROGNOSIS OF METASTASIS BY DETECTION OF FRA12E FRAGILE SITE WITHIN THE SMRT GENE/LOCUS AT CHROMOSOME 12Q24

(57) Abstract: Provided are methods for prognostic prediction of metastasis. The method comprises identifying the presence or absence of a fragile site FRA12E on chromosome 12q24 at the SMRT gene locus. The presence of FRA12E in an individual can be determined in cell samples obtained from the individual by hybridization techniques such as fluorescence in situ hybridization techniques. The presence of this fragile site at this locus is indicative of higher likelihood of metastasis than if the fragile site is absent. Also provided are kits for the determination of likelihood of metastasis.

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