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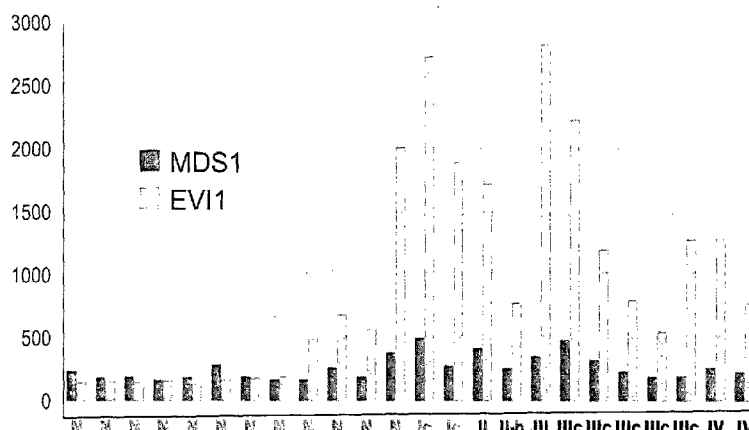
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(54) Title: METHODS FOR DIAGNOSIS AND/OR PROGNOSIS OF GYNECOLOGICAL CANCER



(57) Abstract: The present invention relates to an in vitro method for diagnosing epithelial ovarian cancer, cervical cancer, endometriosis, clear cell renal carcinoma and/or predisposition to epithelial ovarian cancer in a subject, the method comprising determining in a sample of the subject gene expression level of at least one gene in the MDS 1 and EVI1 complex (MECOM) locus; and/or copy number of at least one gene in the MECOM locus; wherein the level against at least one expression cutoff value and/or copy number against at least one copy number cutoff value are indicative of the subject having epithelial ovarian cancer, cervical cancer, endometriosis, clear cell renal carcinoma and/or a predisposition to epithelial ovarian cancer cervical cancer, endometriosis, clear cell renal carcinoma and/or determining whether the ovarian cancer in the subject is primary or secondary ovarian cancer and/or a risk of the disease progression after surgery treatment, and/or an effectiveness of post-surgery chemotherapy.