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(54) **Title:** MOLECULAR DIAGNOSTIC TEST FOR CANCER

(57) **Abstract:** Methods and compositions are provided for the identification of a molecular diagnostic test for cancer. The test identifies cancer subtypes that have an up-regulation or a down-regulation in biomarker expression related to angiogenesis and vascular development. The present invention can be used to determine whether patients with cancer are clinically responsive or non-responsive to a therapeutic regimen prior to administration of any anti-angiogenic agent. This test may be used in different cancer types and with different drugs that directly or indirectly affect angiogenesis or angiogenesis signalling. In addition, the present invention may be used as a prognostic indicator for certain cancer types. In particular, the present invention is directed to the use of certain combinations of predictive markers, wherein the expression of the predictive markers correlates with responsiveness or non-responsiveness to a therapeutic regimen.



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