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(54) **Title**: SALL4 AND USES THEREOF

(57) **Abstract**: The invention is directed to methods of treating a solid tumor which expresses SALL4 and Phosphatase and Tensin Homolog (PTEN) in an individual in need thereof, comprising administering to the individual an effective amount of a composition that inhibits SALL4. In addition, the invention is directed methods of method of detecting an aggressive cancer in an individual in need thereof comprising detecting whether one or more cancer cells of the individual expresses SALL4, wherein if SALL4 is detected in the one or more cancer cells, then an aggressive cancer is detected in the individual, and methods of method of detecting a poor prognosis of a patient with cancer in an individual in need thereof, comprising detecting whether one or more cancer cells of the patient expresses SALL4, wherein if SALL4 is detected in the one or more cancer cells of the patient, then a poor prognosis is detected in the patient.