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(54) Title: NOVEL cDNAs ENCODING CATENIN-BINDING PROTEINS WITH FUNCTION IN SIGNALLING AND/OR GENE REGULATION

(57) Abstract: The invention relates to the field of drug discovery, diagnosis, prognosis and treatment of cancer and neurological disorders. The invention provides among others access to and insight in protein-protein or protein-DNA interactions in a signal transduction or transcriptional pathway controlling cell growth or development throughout a wide range of cells and tissues of the body, and provides means, such as nucleic acid, protein, cells and experimental animals and methods to identify candidate drugs, for example for use in therapy of cancer or neurological disorders. As an example of an alpha-catenin-binding protein with function in intracellular signalling or gene regulation, the invention provides an isolated and/or recombinant nucleic acid or a functional fragment, homologue or derivative thereof, corresponding to a zinc finger gene with a nucleic acid sequence (as shown in figure 1) and encoding a zinc finger protein, or fragment thereof, capable of complexing with a neurally expressed catenin.



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