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(54) Title: ISOLATION OF DROSOPHILA AND HUMAN POLYNUCLEOTIDES ENCODING PAR-1 KINASE, POLYPEPTIDES ENCODED BY THE POLYNUCLEOTIDES AND METHODS UTILIZING THE POLYNUCLEOTIDES AND POLYPEPTIDES

(57) Abstract: Isolated nucleic acid molecules comprising polynucleotide having sequences that encode human and Drosophila PAR-1 kinases. Also provided are proteins and polypeptides encoded by the nucleic acid molecules, methods of modulating PAR-1 expression and function, and methods of modulating the Wnt signaling pathway.