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(54) Title: *IN VIVO* SCREENING MODELS FOR TREATMENT OF ALZHEIMER'S DISEASE AND OTHER QPCT-RELATED DISORDERS

(57) Abstract: The present invention provides a transgenic non-human animal, in particular a transgenic mouse encoding Qpct proteins, which have been implicated in Qpct-related diseases. The present invention additionally provides cells and cell lines comprising transgenes encoding for Qpct. The present invention further provides methods and compositions for evaluating agents that affect Qpct, for use in compositions for the treatment of Qpct-related diseases.