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(54) Title: QUADRUPLE TRANSGENIC NON-HUMAN ANIMAL

(57) Abstract: The present invention relates to a transgenic non-human animal whose genome comprises a) a first transgenic DNA sequence encoding a human APP Swedish or a human APP London protein, wherein said first transgenic DNA sequence is operably linked to a first promoter; b) a second transgenic DNA sequence encoding a human Presenilin 2 protein comprising a N141I substitution, wherein said second transgenic DNA sequence is operably linked to a second promoter; c) a third transgenic DNA sequence encoding a light chain of a antibody directed against the amyloid peptide, wherein said third transgenic DNA sequence is operably linked to a third promoter and; d) a forth transgenic DNA sequence encoding a heavy chain of said antibody, wherein said forth transgenic is operably linked to the third promoter or to a forth promoter, and methods for producing said animal.