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Declarations under Rule 4.17:

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- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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(54) **Title:** A RODENT MODEL OF MOOD DISORDERS

(57) **Abstract:** This disclosure relates to an animal model of human disease. More specifically, this disclosure relates to a rodent model of mood disorders such as unipolar depression and an anxiety disorder. Disclosed herein are genetically modified rodent animals that carry a humanized G protein-coupled receptor 156 (*GPR156*) gene that encodes a mutant human GPR156 protein comprising Asp at an amino acid position corresponding to position 533 in a full length wild type human GPR156 protein.

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