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(71) Applicant: **REGENERON PHARMACEUTICALS, INC.** [US/US]; 777 Old Saw Mill River Road, Tarrytown, New York 10591-6707 (US).

(72) Inventors: **GATTA, Giusy Della**; 151 Webber Avenue, Sleepy Hollow, New York 10591 (US). **FANG, Qing**; 336 N Greeley Avenue, Chappaqua, New York 10514 (US). **SHULDINER, Alan**; 969 Fell Street, Baltimore, Maryland 21231 (US).

(74) Agent: **GROLZ, Edward W.**; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Suite 300, Garden City, New York 11530 (US).

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(54) Title: A RODENT MODEL OF B4GALT1-MEDIATED FUNCTIONS

(57) Abstract: This disclosure relates to genetically modified animals. More specifically, this disclosure relates to rodent animals in which an endogenous B4galt1 gene has been modified, e.g., to introduce a mutation that encodes an Asn to Ser substitution in the encoded B4galt1 protein at a position corresponding to position 352 in a human B4GALT1 protein, or to introduce a loss of function mutation (e.g., in a select tissue such as the liver). This disclosure also relates to use of such rodent animals in elucidating the role of B4galt1 in lipid metabolism.

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