Supplementary Figure S1. Gastric emptying of wild-type mice following peripheral (intraperitoneal) administration of EM ($n = 3$) (a), or following central (intracerebroventricular) administration of EM ($n = 3$) (b). Values represent the mean±SD for the indicated number of animals.

Supplementary Figure S2. Gastric emptying of human MLNR Tg mice following administration of ND (normal diet) and HFD (high-fat-diet). Each point represents 1 animal.
Supplementary Figure S3. Accumulation of GHSR transcripts in hypothalamus of human MLNR Tg mice following central (intracerebroventricular) administration of EM (n = 3) (a). Immunohistochemical staining for GHSR expression. Representative micrographs are provided showing the distribution of GHSR-positive cells (brown staining) in the brain cortex of mice administered vehicle (b) or EM (c), and in the stomach of mice administered vehicle (d) or EM (e). Accumulation of MLNR transcripts in hypothalamus, stomach, and jejunum in human MLNR Tg mice in fasting (n = 3) and 1 hour following central (intracerebroventricular) administration of ghrelin (n = 3) (f), or following peripheral (intraperitoneal) administration of ghrelin (n = 3) (g). The values shown are the numbers for real-time RT-PCR products of GHSR and MLNR mRNAs normalized to those of GAPDH.