

## Online supplementary figure legend

### Supplementary figure 1. General biological index of GHSR<sup>-/-</sup> mice

(A) The average daily food intake of GHSR<sup>-/-</sup> mice and wild type (WT) mice fed with normal chow diet (NCD) or high fat diet (HFD) for 12 weeks. (B) The average daily water intake of GHSR<sup>-/-</sup> mice and wild type mice fed with normal chow diet or high fat diet. All results were expressed as means±SEM. \*denotes P<0.05 compared with wild type mice fed with NCD. # denotes P<0.05 compared with wild type mice fed with HFD.

#### Supplementary figure 1

