

Supplementary data

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Theaflavin 3'-gallate activates G protein-coupled receptor (GPR55) and enhances GLP-1 secretion via Ca²⁺/CaMKII/ERK signaling in enteroendocrine STC-1 cells, mitigating postprandial hyperglycemia in mice

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21 **Figure legends**

22 Figure S1. This supplementary figure is related to Figure 2 in the manuscript.

23 Figure S2. This supplementary figure is related to Figure 4D in the manuscript.

24 Figure S3. This supplementary figure is related to Figure 6A in the manuscript.

25 Figure S4. This supplementary figure is related to Figure 6B in the manuscript.