

Supplementary Table 1. Appetite assessment using visual analog scales

	Hunger ^a						Satiety ^a						Fullness ^a						Craving ^a					
	Baseline		Post-fMRI		Post-buffer		Baseline		Post-fMRI		Post-buffer		Baseline		Post-fMRI		Post-buffer		Baseline		Post-fMRI		Post-buffer	
	S	L	S	L	S	L	S	L	S	L	S	L	S	L	S	L	S	L	S	L	S	L	S	L
Lean T2DM																								
01	3	8	1	8	0	0	2	0	2	1	8	9	5	0	0	1	8	8	4	9	3	7	0	1
02	3	5	0	5	7	0	5	5	5	6	8	6	2	5	6	4	9	7	1	5	1	2	0	0
03	4	4	5	3	2	5	5	5	5	3	5	6	5	5	5	4	5	5	5	5	1	3	2	3
04	2	1	1	0	0	0	1	0	0	0	1	0	0	0	0	0	1	1	1	1	0	0	0	1
05	0	0	1	1	1	1	2	5	5	5	5	5	2	3	1	5	5	5	1	0	1	3	2	1
06	1	5	2	1	0	0	0	3	0	5	8	8	0	0	0	0	8	8	1	2	1	2	1	0
07	9	1	8	8	1	1	1	1	1	1	8	8	1	1	1	1	8	8	1	1	7	8	7	1
08	5	5	7	6	1	0	0	0	0	1	8	9	0	0	0	0	6	7	5	5	6	8	1	0
09	2	5	0	5	0	2	0	0	0	0	0	2	0	0	0	0	0	3	2	5	1	6	0	2
10	3	3	7	0	7	0	0	0	0	0	10	8	0	0	0	0	8	5	6	0	3	0	0	6
11	5	7	5	3	2	2	1	2	1	3	6	4	1	2	1	3	6	4	5	5	5	5	2	3
12	3	4	3	5	3	3	5	3	5	3	7	7	4	5	3	2	7	5	4	7	3	4	5	0
13	9	1	8	5	5	2	1	0	1	1	5	7	0	0	1	0	6	7	8	5	8	5	5	5
14	1	1	1	2	0	1	1	0	0	0	3	2	0	0	0	0	2	2	1	1	1	1	0	1
15	0	5	3	7	0	0	0	0	0	0	7	10	0	0	0	0	3	10	1	1	3	0	1	0
Obese T2DM																								
01	1	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0
02	3	5	6	3	4	3	2	3	1	2	5	4	1	3	1	2	5	5	4	3	2	3	5	3
03	0	2	0	1	1	3	7	7	8	5	7	5	7	5	7	5	7	5	2	3	5	5	3	3
04	2	7	2	2	1	1	5	3	2	2	2	7	3	3	2	2	4	7	3	6	2	2	1	1
05	2	5	2	7	6	0	1	0	0	1	5	3	0	0	0	0	6	3	3	3	1	0	1	0
06	2	3	3	3	5	2	3	4	2	4	4	4	3	3	3	3	4	3	2	1	1	3	1	1
07	4	6	2	6	0	2	4	4	4	4	10	8	4	4	4	3	10	4	2	4	2	6	1	2
08	1	0	1	1	0	0	0	0	0	0	3	3	0	0	0	0	3	3	1	2	1	1	1	0
09	2	1	2	1	2	1	2	1	2	1	5	5	2	2	4	1	5	5	5	5	5	2	5	1
10	3	2	3	5	2	5	4	4	1	0	6	4	1	0	1	0	4	3	3	2	4	7	5	8
11	2	1	8	1	0	0	0	0	0	2	8	10	0	0	0	0	9	9	2	5	6	3	2	0
12	1	0	3	5	1	2	3	5	3	5	7	7	3	5	4	4	6	7	2	6	6	4	3	6
13	7	6	4	5	5	4	3	4	6	5	6	6	3	4	6	4	7	5	6	5	3	5	3	3
14	7	5	6	4	3	2	2	2	2	6	8	3	2	2	2	4	5	7	6	6	6	5	5	3

fMRI, functional magnetic resonance imaging; S, saline injection; L, lixisenatide injection; T2DM, type 2 diabetes mellitus.
^aAppetite scores ranged from 0 to 10 and were classified as none (0), mild (1–3), moderate (4–7), and severe (8–10).