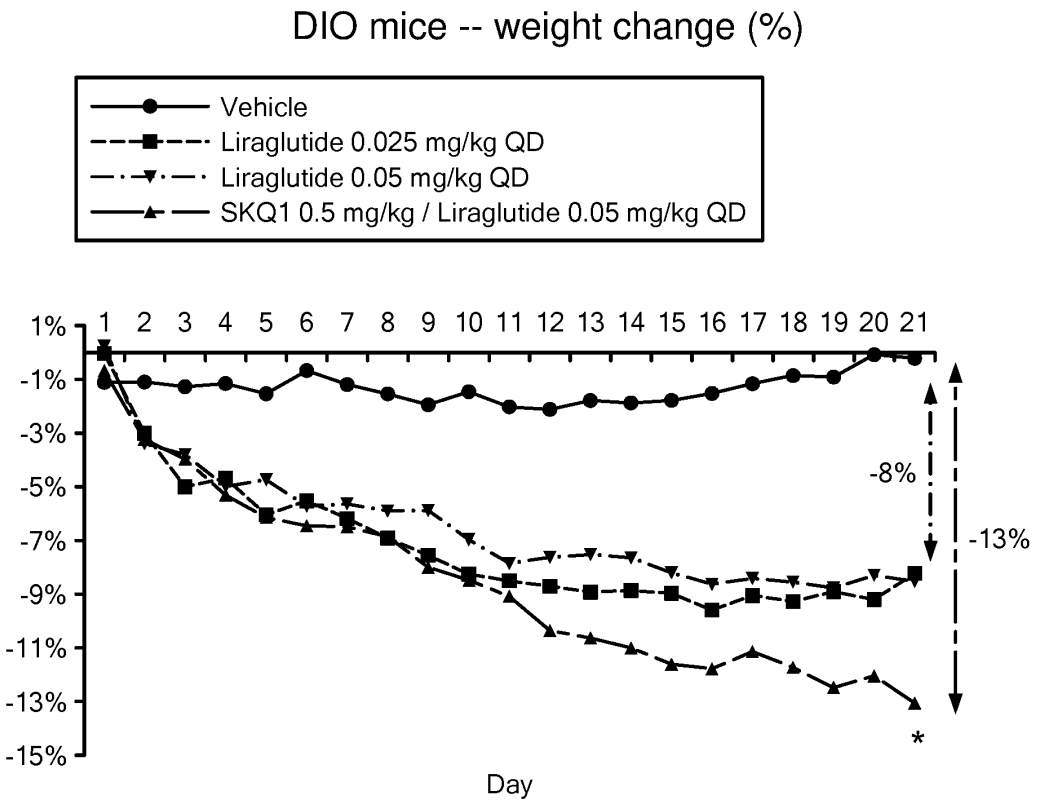

DIO mice -- weight change (%)
Vehicle
Liraglutide 0.025 mg/kg QD
Liraglutide 0.05 mg/kg QD
SKQ1 0.5 mg/kg / Liraglutide 0.05 mg/kg QD
1% -1% -3% -5% -7% -9% -11% -13% -15%
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
-8%
-13%
*
Day

FIG. 1A

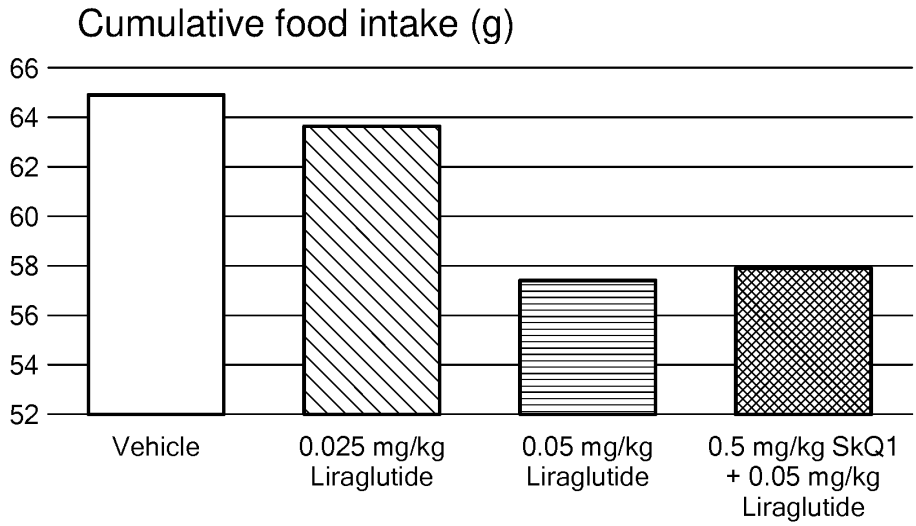

Cumulative food intake (g)
66
64
62
60
58
56
54
52
Vehicle
0.025 mg/kg Liraglutide
0.05 mg/kg Liraglutide
0.5 mg/kg SkQ1 + 0.05 mg/kg Liraglutide

FIG. 1B

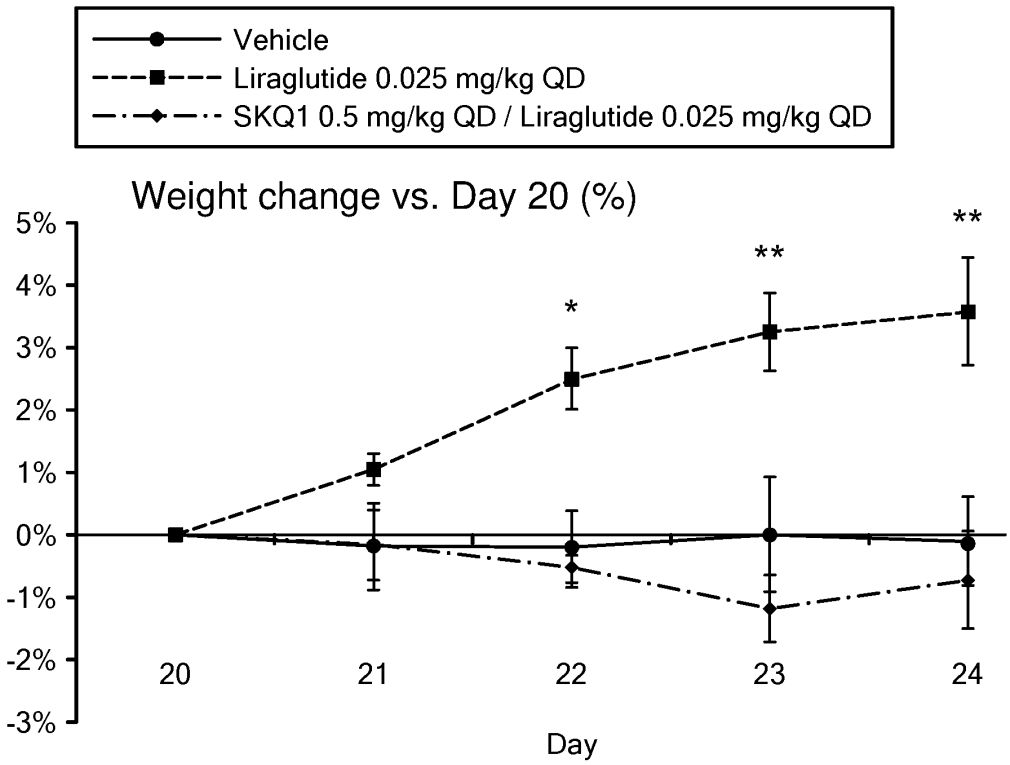

Vehicle
Liraglutide 0.025 mg/kg QD
SKQ1 0.5 mg/kg QD / Liraglutide 0.025 mg/kg QD
Weight change vs. Day 20 (%)
5%
4%
3%
2%
1%
0%
-1%
-2%
-3%
*
**
**
20
21
22
23
24
Day

FIG. 2A

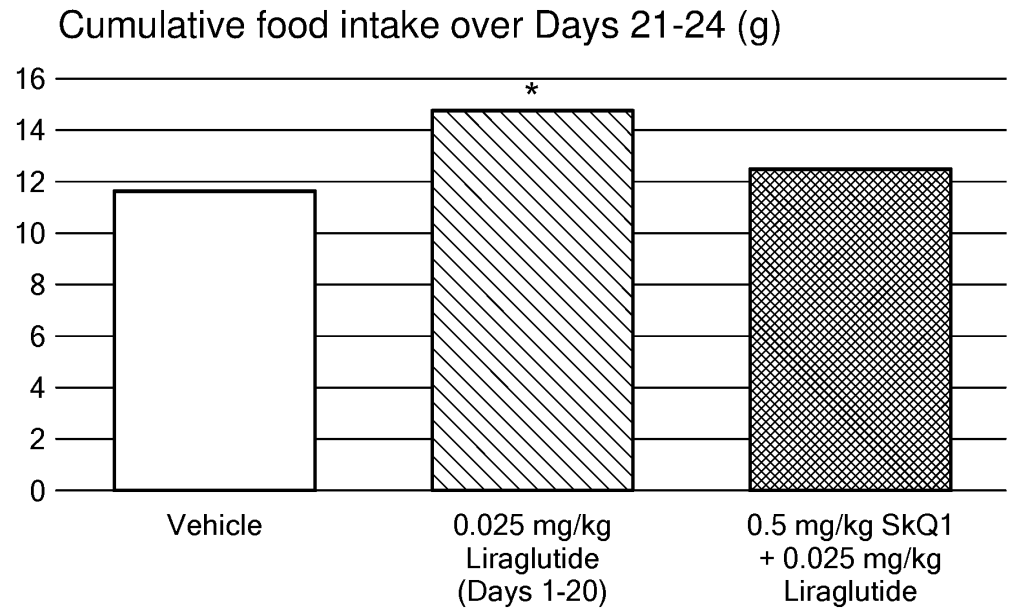

Cumulative food intake over Days 21-24 (g)
16
14
12
10
8
6
4
2
0
*
Vehicle
0.025 mg/kg Liraglutide (Days 1-20)
0.5 mg/kg SkQ1 + 0.025 mg/kg Liraglutide

FIG. 2B

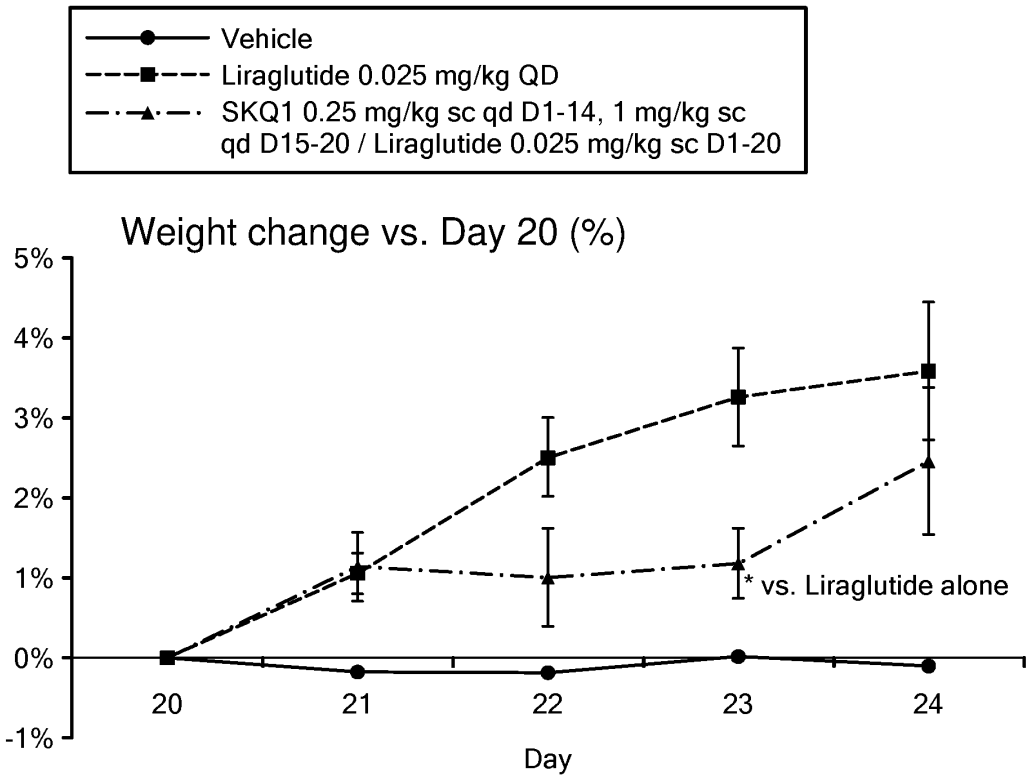

Vehicle
Liraglutide 0.025 mg/kg QD
SKQ1 0.25 mg/kg sc qd D1-14, 1 mg/kg sc qd D15-20 / Liraglutide 0.025 mg/kg sc D1-20
Weight change vs. Day 20 (%)
5%
4%
3%
2%
1%
0%
-1%
20
21
22
23
24
Day
* vs. Liraglutide alone

FIG. 3A

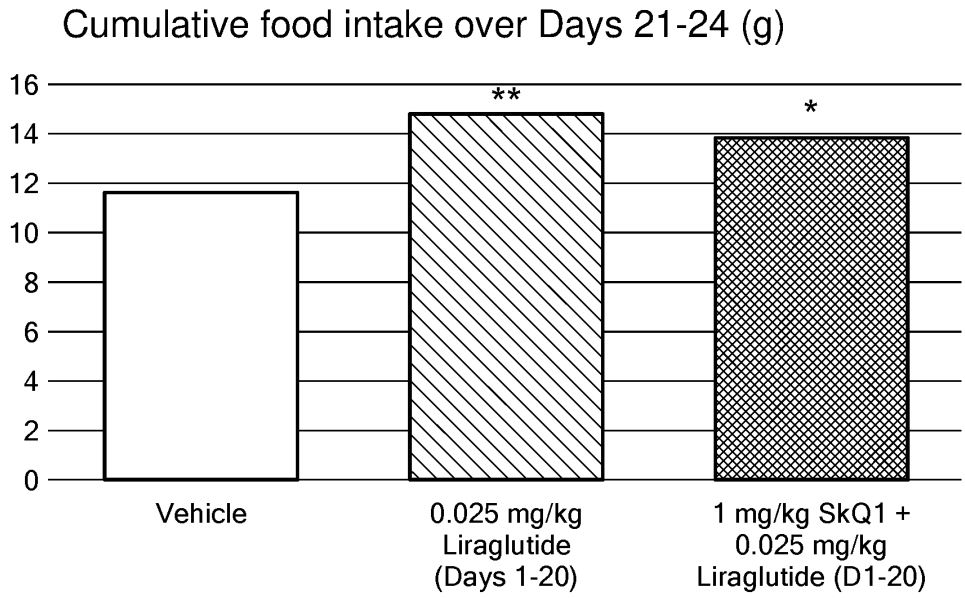

Cumulative food intake over Days 21-24 (g)
16
14
12
10
8
6
4
2
0
**
*
Vehicle
0.025 mg/kg Liraglutide (Days 1-20)
1 mg/kg SkQ1 + 0.025 mg/kg Liraglutide (D1-20)

FIG. 3B

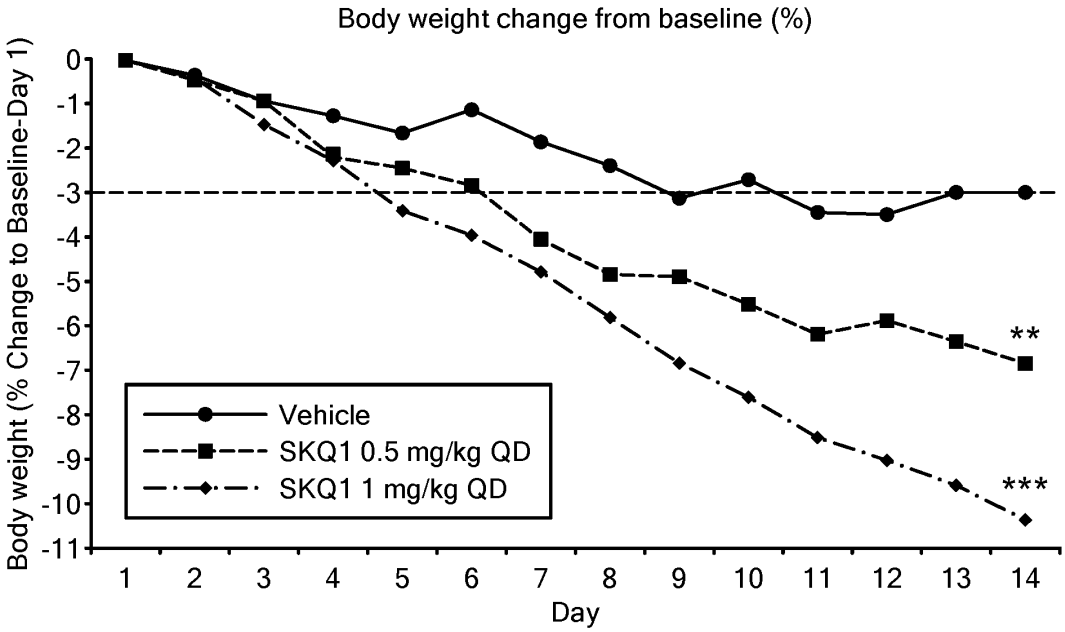

Body weight change from baseline (%)
Body weight (% Change to Baseline-Day 1)
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
-10
-11
1
2
3
4
5
6
7
8
9
10
11
12
13
14
Day
Vehicle
SKQ1 0.5 mg/kg QD
SKQ1 1 mg/kg QD
**
***

FIG. 4A

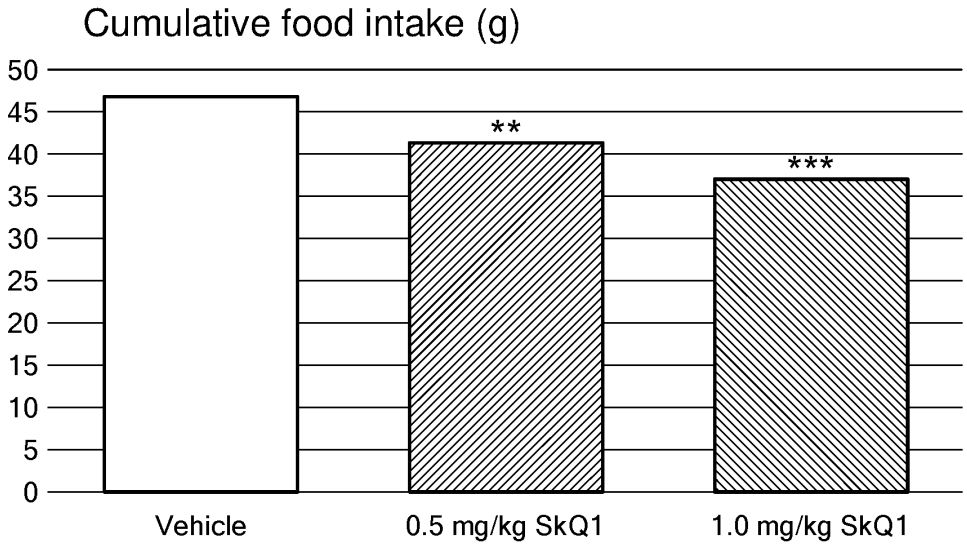

Cumulative food intake (g)
50
45
40
35
30
25
20
15
10
5
0
**
***
Vehicle
0.5 mg/kg SkQ1
1.0 mg/kg SkQ1

FIG. 4B