Supplemental Figure 1

A. elasate (3U/ml)

PGRN

80kd

25kd

20kd

10kd

B. PGRN:

- - + +
elasate:

- + - +

PGRN:

- - + +
elasate:

- + - +

Akt

p-Akt

GAPDH

p62

C. (+insulin)

PGRN:

- - + +
elasate:

- + - +

PGRN:

- - + +
elasate:

- + - +

GAPDH

D. PGRN

GAPDH

Vehicle PGRN PGRN+ IgG1Fc PGRN+ TNFR1BP-Fc

E. Fat pads weight (g)

Vehicle PGRN PGRN+ IgG1Fc PGRN+ TNFR1BP-Fc

F. Serum insulin (ng/ml)

Min. after glucose injection

Area under the curve

G. Serum TNF-α (pg/ml)

H. Ucp1 expression relative to Vehicle (fold)

Vehicle PGRN PGRN+ IgG1Fc PGRN+ TNFR1BP-Fc

I. C/EBP-α expression relative to Vehicle (fold)

Vehicle PGRN PGRN+ IgG1Fc PGRN+ TNFR1BP-Fc

J. Fabp4 expression relative to Vehicle (fold)

Vehicle PGRN PGRN+ IgG1Fc PGRN+ TNFR1BP-Fc

K. IL-6 expression relative to Vehicle (fold)

Vehicle PGRN PGRN+ IgG1Fc PGRN+ TNFR1BP-Fc