## In this study we investigated the effect of an intravenous dose

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The present study was approved by the Institutional Animal Care and Use Committee of the University of California, San Diego, and the Institutional Animal Care and Use Committee of the University of California, San Diego, and was approved by the relevant Institutional Animal Care and Use Committee of the University of California, San Diego. This study was approved by the Institutional Animal Care and Use Committee of the University of California, San Diego. Materials and methods The study was approved by the Institutional Animal Care and Use Committee of the University of California, San Diego. The animal care and use procedures were approved by the Institutional Animal Care and Use Committee of the University of California, San Diego. A large number of experimental animals (20–75 animals) were collected from 3–5 experimental sites and kept for the respective periods of 24 h. An IVF sample was collected from each animal. In the experiments, the experimental animals were euthanized by immersion in a cold, Triton X-100 for 24 h, and been allowed to rest for the duration of observation. The animals were kept in a humidi- cal room with a temperature range of 24–30°C  $(30-60^{\circ}\text{C}; 22-45^{\circ}\text{C}; 5-8^{\circ}\text{C}; 10-20^{\circ}\text{C}; 40-50^{\circ}\text{C}).$ The animals were water-depleted for 48 h. The amount of glucose was measured by a Matlab software. The mice were euthanized by immersion in a cold, Triton X-100 for 24 h, and were allowed to rest for the duration of observation. Lipin-deficient WATAP expression was quantified by Western blotting using EVP and Western blotting using Western transfection with the mouse p43 human monoclonal antibody (Invitrogen). Cells were cultured in a humidical room with a temperature range of

24 - 30°C (30 - 60°C; 22 - 45°C; 50°C; 50°C; 10 - 20°C; 40 - 50°C; 60°C; 10 -20°C; 40-50°C; 60°C; 10-20°C; 40°C; 10 - 20°C; 40°C; 10 - 20°C; 40°C; 10 - $20^{\circ}\text{C}$ ;  $40^{\circ}\text{C}$ ;  $10 - 20^{\circ}\text{C}$ ;  $40^{\circ}\text{C}$ ; 10 - 20°C; 40°C; 10 - 20°C; 40°C; 10 -20°C; 40°C; 10 – 20°C; 40°C; 10 – 20°C; 40°C; 10 – 20°C; 40°C; 10 – 20°C; 40°C; 10 - 20°C; 40°C; 10 - 20°C; 40°C; 10 - $20^{\circ}\text{C}$ ;  $40^{\circ}\text{C}$ ;  $10 - 20^{\circ}\text{C}$ ;  $40^{\circ}\text{C}$ ;  $10 - 20^{\circ}\text{C}$ ; 40°C; 10 – 20°C; 40°C; 10 – 20°C; 40°C; 10 - 20°C; 40°C; 10 - 20°C; 40°C; 10 - $20^{\circ}\text{C}$ ;  $40^{\circ}\text{C}$ ;  $10 - 20^{\circ}\text{C}$ ;  $40^{\circ}\text{C}$ ; 10 - 20°C; 40°C; 10 - 20°C; 40°C; 10 - $20^{\circ}\text{C}$ ;  $40^{\circ}\text{C}$ ;  $10 - 20^{\circ}\text{C}$ ;  $40^{\circ}\text{C}$ ;  $10 - 20^{\circ}\text{C}$ ; 40°C; 10 – 20°C; 40°C; 10 – 20°C; 40°C; 10 - 20°C; 40°C; 10 - 20°C; 40°C; 10 - $20^{\circ}\text{C}$ ;  $40^{\circ}\text{C}$ ;  $10 - 20^{\circ}\text{C}$ ;  $40^{\circ}\text{C}$ ;  $10 - 20^{\circ}\text{C}$ ; 40°C; 10 – 20°C; 40°C; 10 – 20°C; 40°C; 10 - 20°C; 40°C; 10 - 20°C; 40°C; 10 - $20^{\circ}\text{C}$ ;  $40^{\circ}\text{C}$ ;  $10 - 20^{\circ}\text{C}$ ;  $40^{\circ}\text{C}$ ;  $10 - 20^{\circ}\text{C}$ ; 40°C; 10 – 20°C; 40°C; 10 – 20°C; 40°C;