Supporting Information

Tchoukalova et al. 10.1073/pnas.1005259107

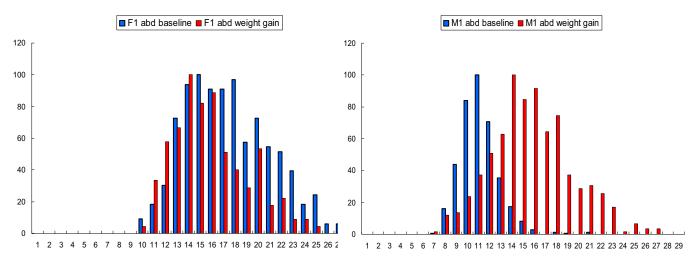


Fig. S1. Histograms of adipocyte size from (*Left*) the woman with the greatest decrease in abdominal cell size (F1) and (*Right*) the man with the greatest increase in abdominal adipocyte size (M1). The x axes represent bins with the relative number of cells. The bin width is 7 μ m, and the bin with the largest number of cells is set to 100; all other bins are relative to the largest bin. To avoid counting multiple lipid droplets in immature adipocytes as individual cells, cells <35 μ m are not included.

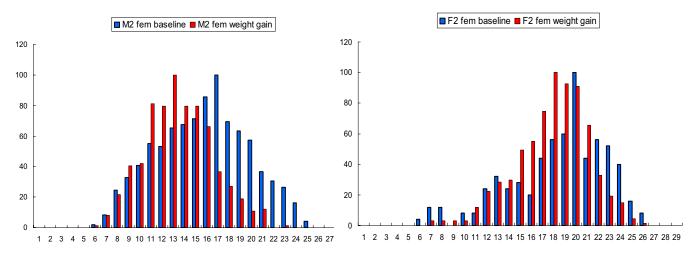


Fig. S2. Histograms of adipocyte size from (*Left*) the man (M2) and (*Right*) the woman (F2) with the greatest decreases in femoral cell size. The x axes represent bins with the relative number of cells. The bin width is 7 μ m, and the bin with the largest number of cells is set to 100; all other bins are relative to the largest bin. To avoid counting multiple lipid droplets in immature adipocytes as individual cells, cells <35 μ m are not included.

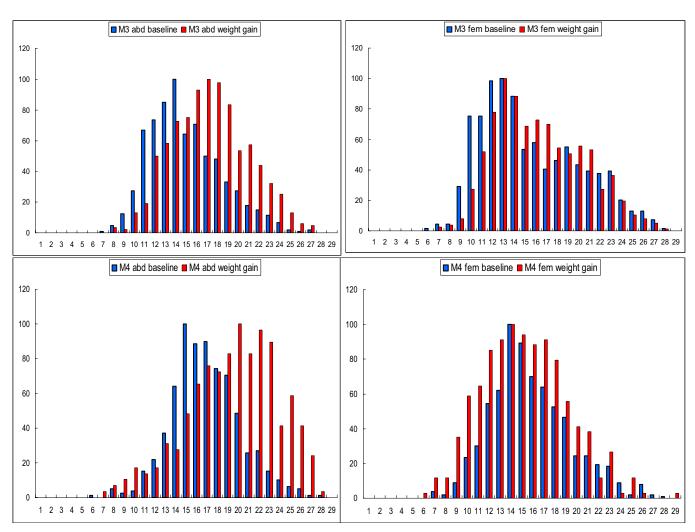


Fig. S3. Histograms of typical adipocyte size from men [M3 (*Upper*) and M4 (*Lower*)] in whom increases in abdominal cell size (abd, *Left*) and no change in femoral cell size (fem, *Right*) occurred. The x axes represent bins with the relative number of cells. The bin width is 7 μ m, and the bin with the largest number of cells is set to 100; all other bins are relative to the largest bin. To avoid counting multiple lipid droplets in immature adipocytes as individual cells, cells <35 μ m are not included.

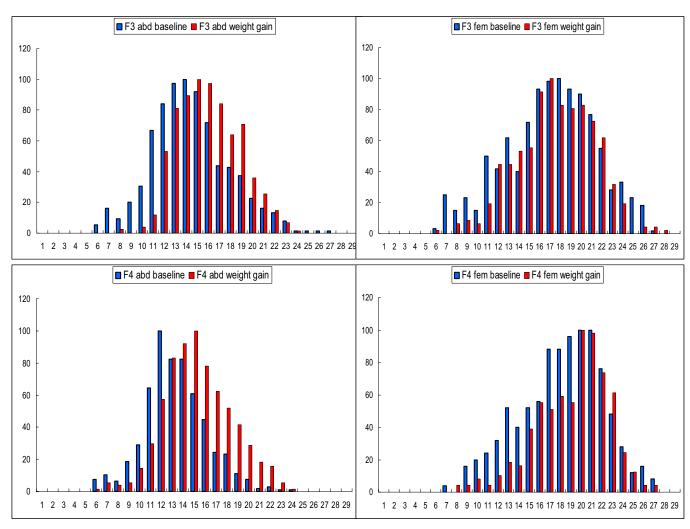


Fig. S4. Histograms of typical adipocyte size from women [F3 (*Upper*) and F4 (*Lower*)] in whom increases in abdominal cell size (abd, *Left*) and no change in femoral cell size (fem, *Right*) occurred. The x axes represent bins with the relative number of cells. The bin width is 7 μ m, and the bin with the largest number of cells is set to 100; all other bins are relative to the largest bin. To avoid counting multiple lipid droplets in immature adipocytes as individual cells, cells <35 μ m are not included.