

Resource Summary Report

Generated by SPARC SAWG on Aug 16, 2026

White Adipose Atlas

RRID:SCR_023625

Type: Tool

Proper Citation

White Adipose Atlas (RRID:SCR_023625)

Resource Information

URL: <https://gitlab.com/rosen-lab/white-adipose-atlas>

Proper Citation: White Adipose Atlas (RRID:SCR_023625)

Description: Single cell atlas of human and mouse white adipose tissue.

Resource Type: data or information resource, atlas

Defining Citation: [PMID:35296864](#)

Keywords: white adipose tissue, adipose tissue, human, mouse

Funding: NIDDK RC2 DK116691;
NIDDK 5P30 DK057521;
NIDDK F32 DK124914;
Italian Ministry of University ;
Novo Nordisk Foundation ;
Lundbeck Foundation ;
NIDDK UM1 DK126185;
Sarnoff Cardiovascular Research Foundation Fellowship ;
NHGRI 1K08 HG010155;
NHGRI 1U01 HG011719;
NIDDK P30 DK046200

Availability: Free, Freely available

Resource Name: White Adipose Atlas

Resource ID: SCR_023625

Record Creation Time: 20230527T050216+0000

Record Last Update: 20260815T182924+0000

Ratings and Alerts

No rating or validation information has been found for White Adipose Atlas.

No alerts have been found for White Adipose Atlas.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Wisessaowapak C, et al. (2026) A nutrient-responsive AMPK/TBK1 circuit restricts adipocyte catabolism. JCI insight, 11(9).

Hu W, et al. (2026) Adhesion-Related Macrophages Regulate Metabolic Homeostasis Through CAV-1 Dependency. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(26), e20936.

Kwak H, et al. (2025) Response to comments by Kong et al. Molecules and cells, 48(12), 100288.

Chen S, et al. (2025) Myristoylated Eepd1 Enhances Lipolysis and Thermogenesis through PKA Activation to Combat Obesity. Nature communications, 16(1), 651.

Hildebrandt X, et al. (2025) Linear ubiquitination prevents lipodystrophy and obesity-associated metabolic syndrome. Science advances, 11(38), eadw2539.

Nikolic I, et al. (2024) Lack of p38 activation in T cells increases IL-35 and protects against obesity by promoting thermogenesis. EMBO reports, 25(6), 2635.

Diaz-Vegas A, et al. (2024) Deletion of miPEP in adipocytes protects against obesity and insulin resistance by boosting muscle metabolism. Molecular metabolism, 86, 101983.

Madsen S, et al. (2023) Deep Proteome Profiling of White Adipose Tissue Reveals Marked Conservation and Distinct Features Between Different Anatomical Depots. Molecular & cellular proteomics : MCP, 22(3), 100508.