

University of Dundee

CD44 contributes to hyaluronan-mediated insulin resistance in skeletal muscle of high fat-fed C57BL/6 mice

Hasib, Annie; Hennayake, Chandani; Bracy, Deanna P.; Bugler-Lamb, Aimee-Rose; Lantier, Louise; Khan, Faisal

Published in:
American Journal of Physiology, Endocrinology and Metabolism

DOI:
[10.1152/ajpendo.00215.2019](https://doi.org/10.1152/ajpendo.00215.2019)

Publication date:
2019

Document Version
Peer reviewed version

[Link to publication in Discovery Research Portal](#)

Citation for published version (APA):
Hasib, A., Hennayake, C., Bracy, D. P., Bugler-Lamb, A-R., Lantier, L., Khan, F., Ashford, M., McCrimmon, R., Wasserman, D. H., & Kang, L. (2019). CD44 contributes to hyaluronan-mediated insulin resistance in skeletal muscle of high fat-fed C57BL/6 mice. *American Journal of Physiology, Endocrinology and Metabolism*, 317(6), E973-E983. <https://doi.org/10.1152/ajpendo.00215.2019>

General rights

Copyright and moral rights for the publications made accessible in Discovery Research Portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from Discovery Research Portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain.
- You may freely distribute the URL identifying the publication in the public portal.

Take down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Figure 1

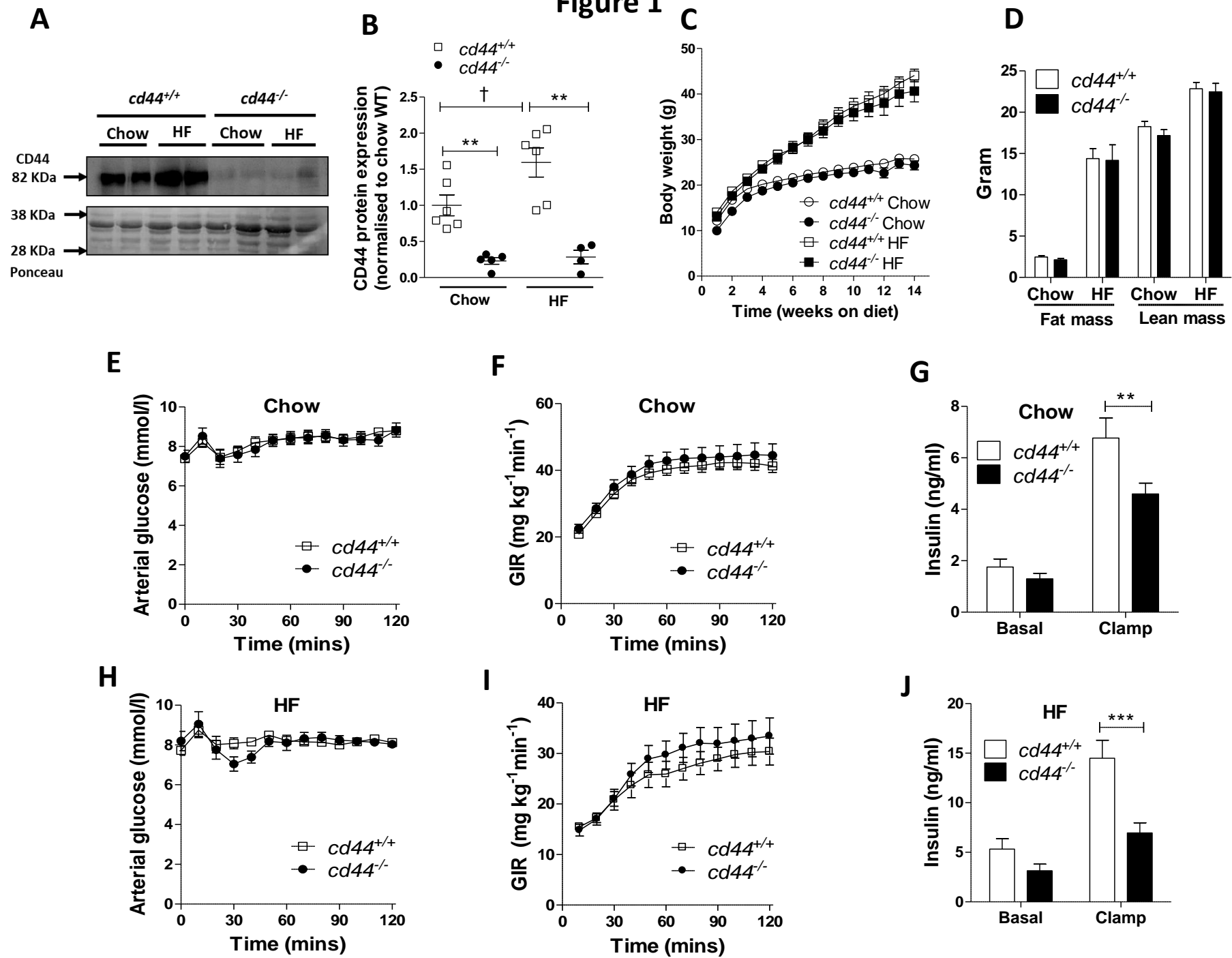


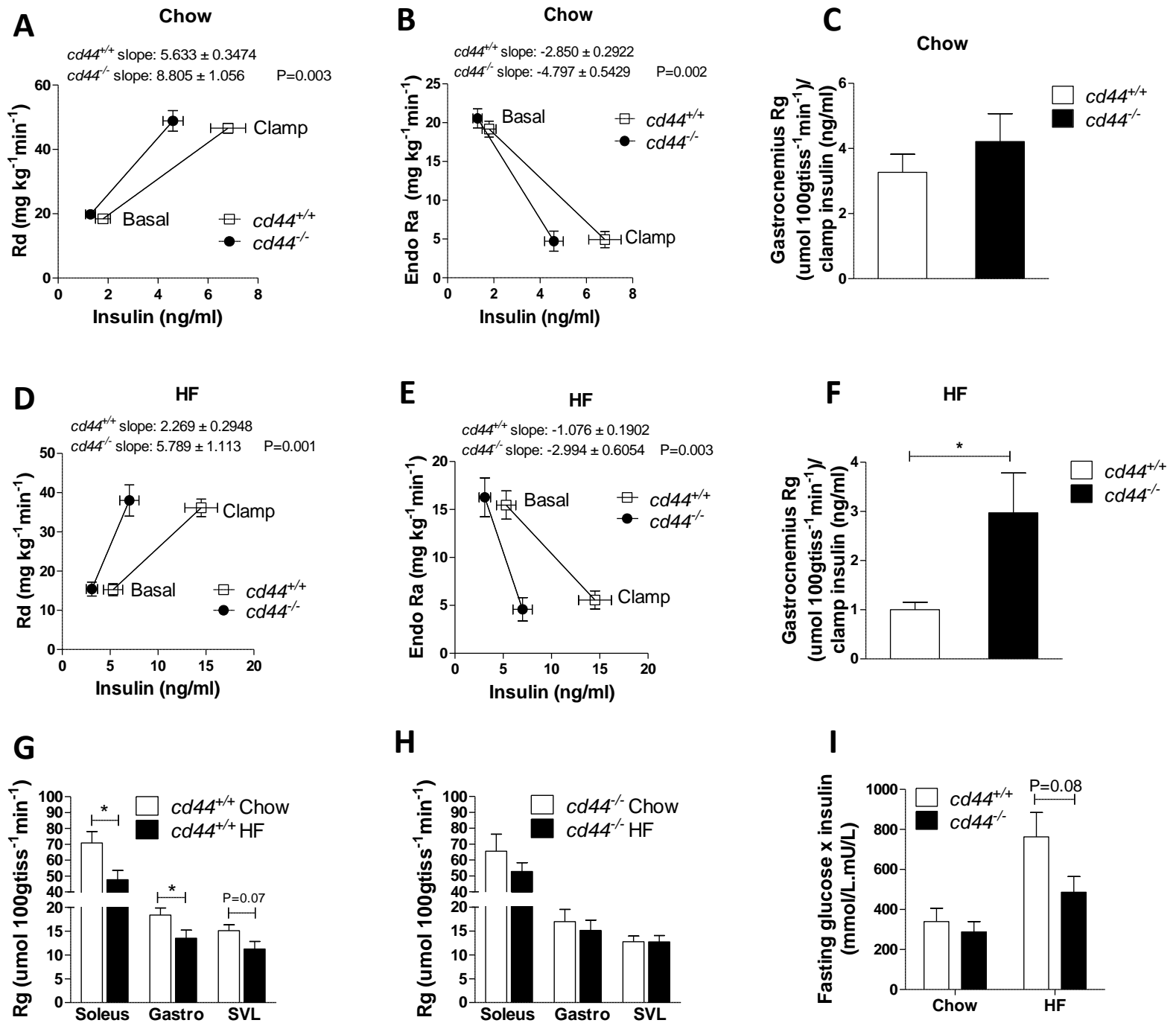
Figure 2

Figure 3

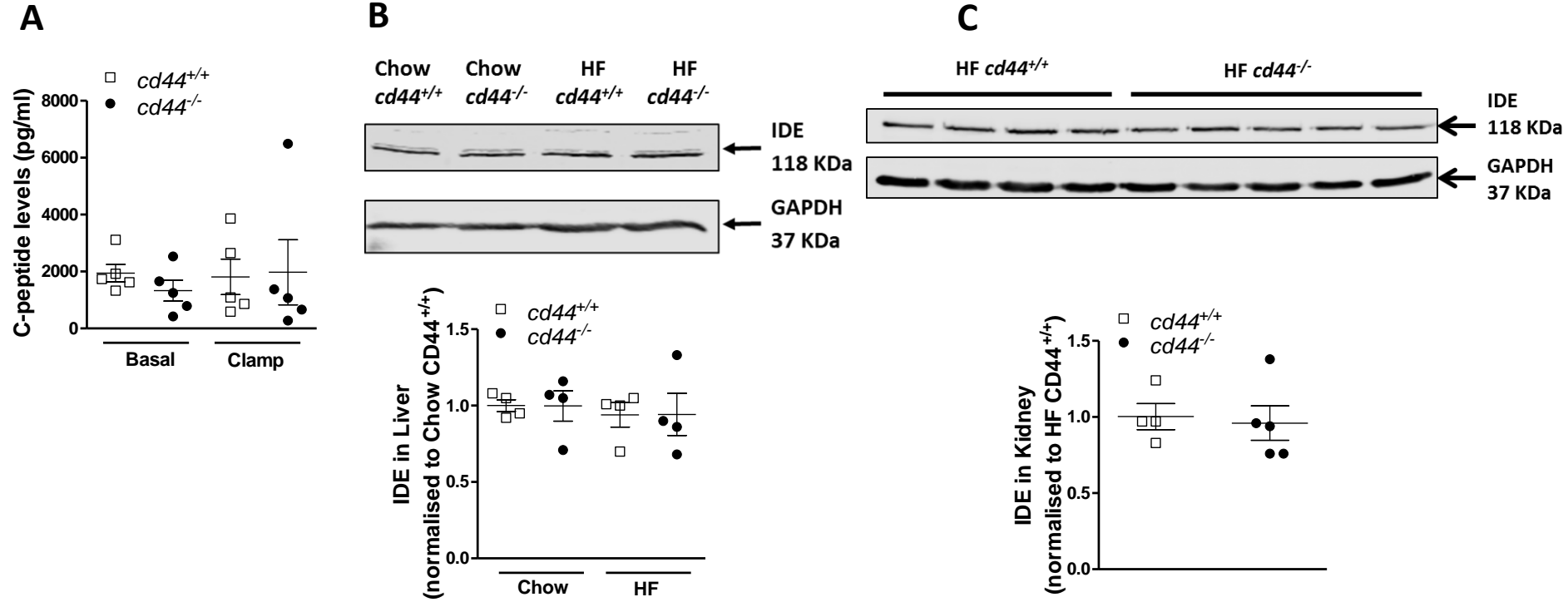


Figure 4

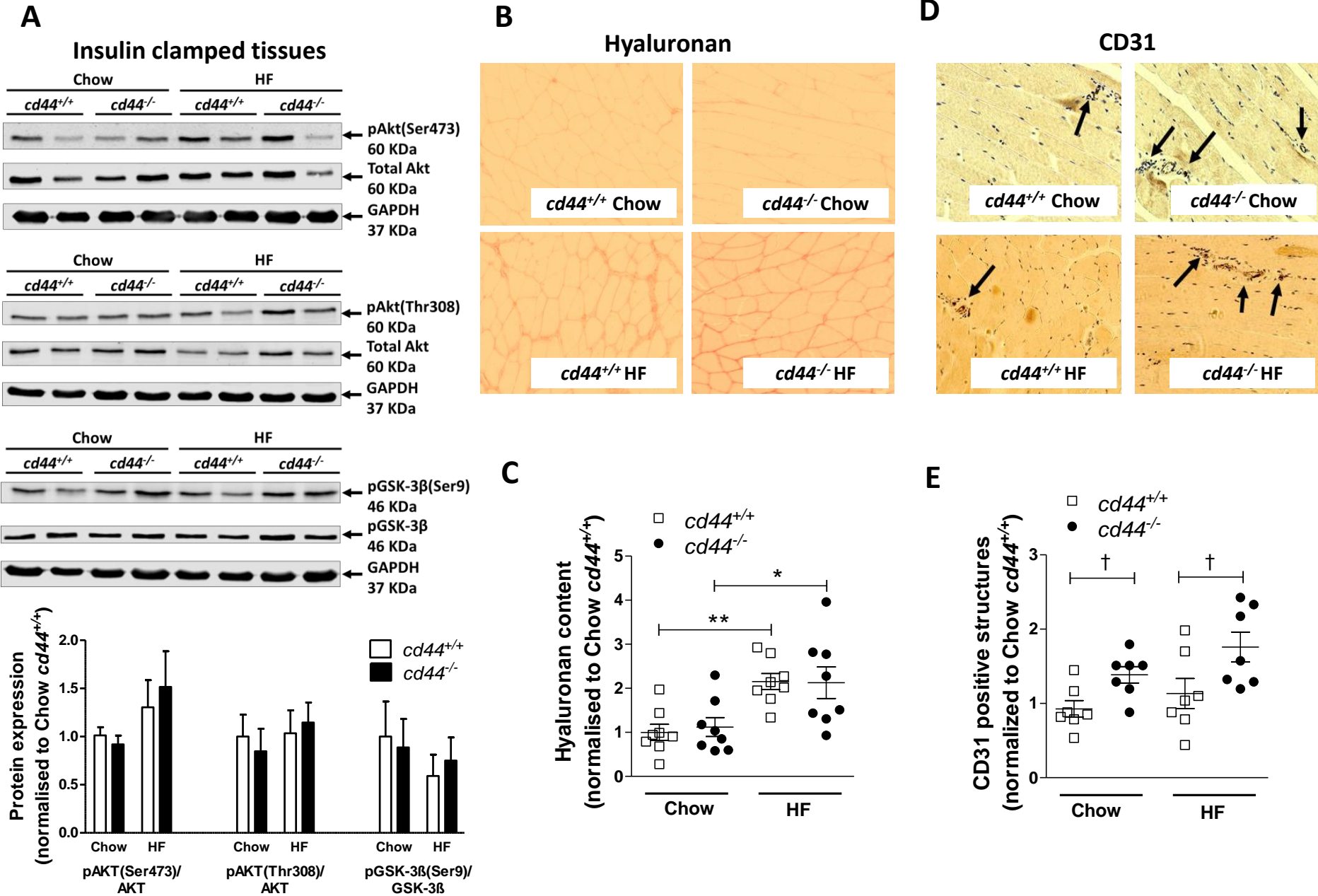
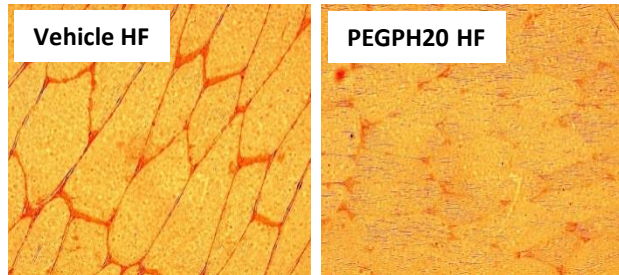


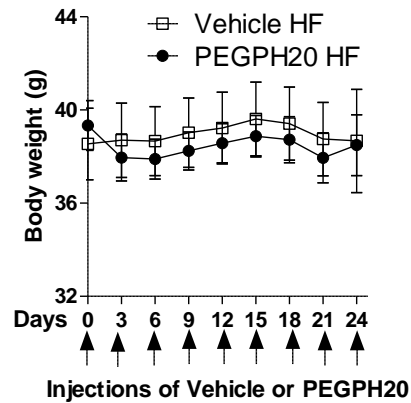
Figure 5

A

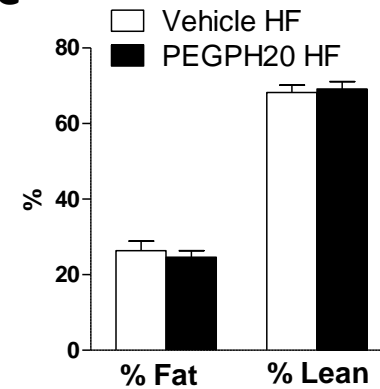


1 ± 0.11 vs 0.19 ± 0.04 ***

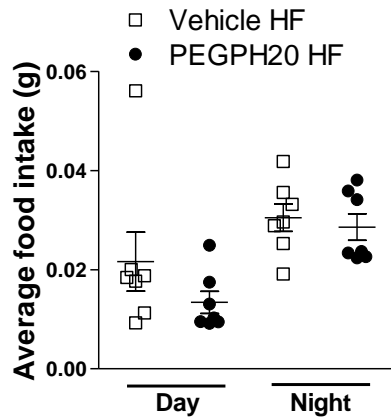
B



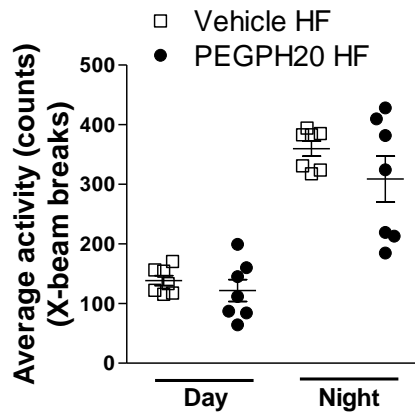
C



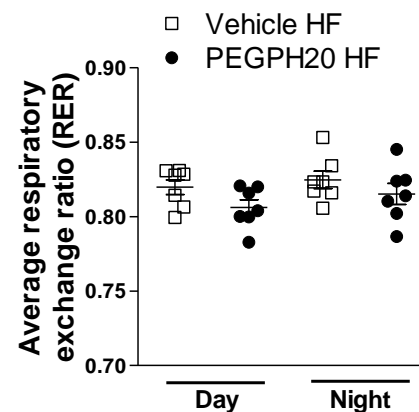
D



E



F



G

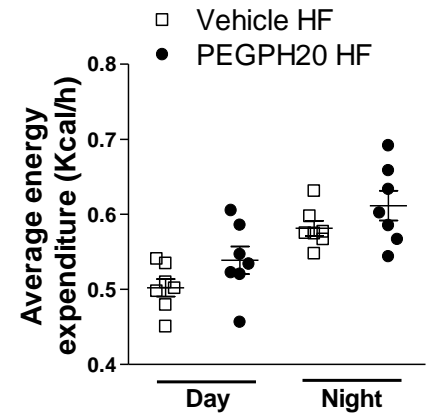
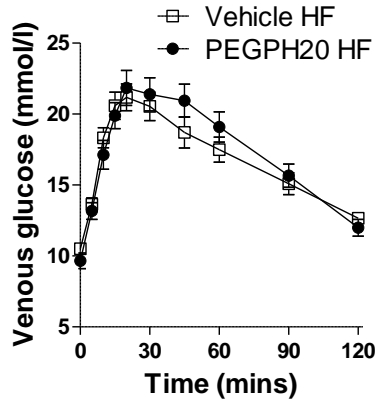
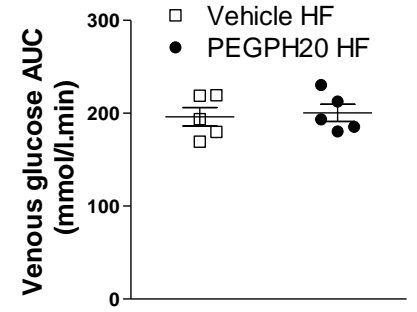
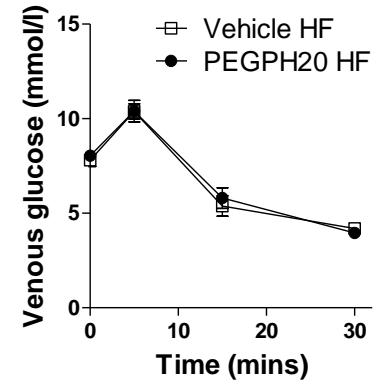
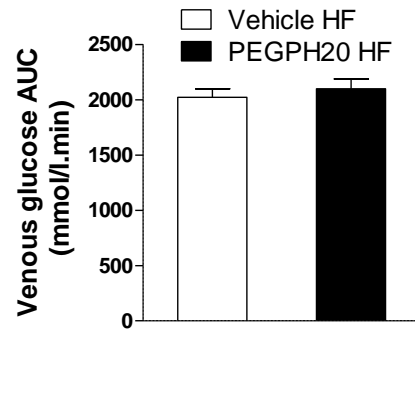


Figure 6

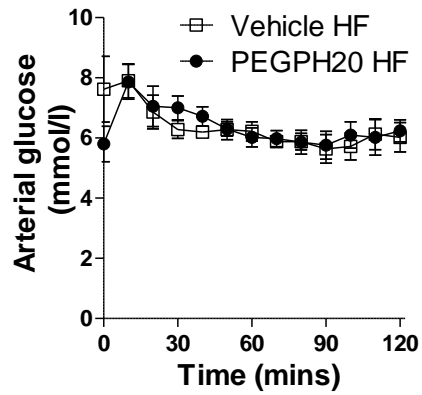
A



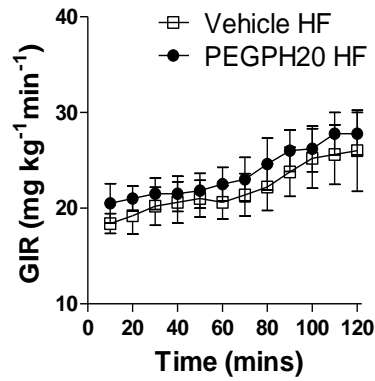
B



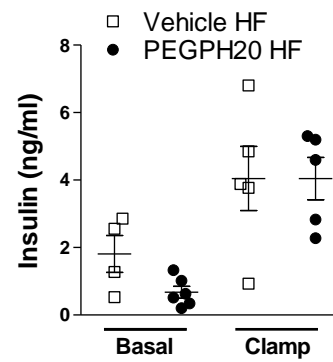
C



D



E



F

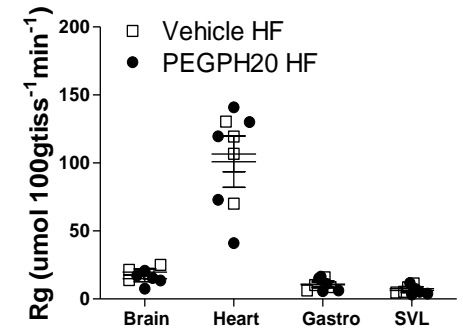


Figure 7

