

Direct lentivirus injection for fast and efficient gene transfer into brown and beige adipose tissue

Balkow et al.

Supplementary Information

Figure S1. Example for testing of lentiviral constructs *in vitro* in brown and white adipocytes.

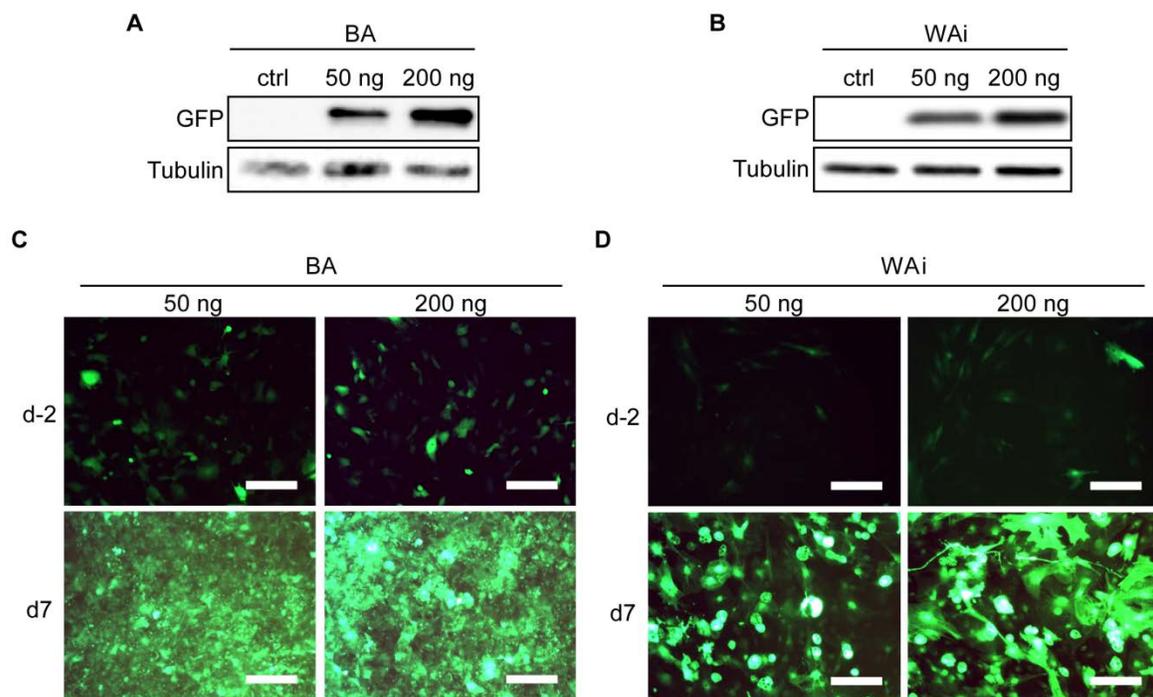


Figure S1. Example for testing of lentiviral constructs *in vitro* in brown and white adipocytes. Brown adipocytes (BA) differentiated from preadipocytes isolated from BAT of newborn mice and white adipocytes (WAI) differentiated from preadipocytes isolated from inguinal white adipose tissue of 12-weeks old mice were transduced with CMV-GFP lentivirus (50 ng or 200 ng RT); untransduced cells served as control (ctrl). **A** and **B**. Western blotting of GFP expression in BA and WAI; tubulin serves as loading control. **C** and **D**. Microscopic pictures of GFP expression in BA and WAI in preadipocytes (d-2) and mature adipocytes (d7). Scale bars = 20 μm.

Supplementary information of this article can be found online at <http://www.jbmethods.org/jbm/rt/suppFiles/123>.