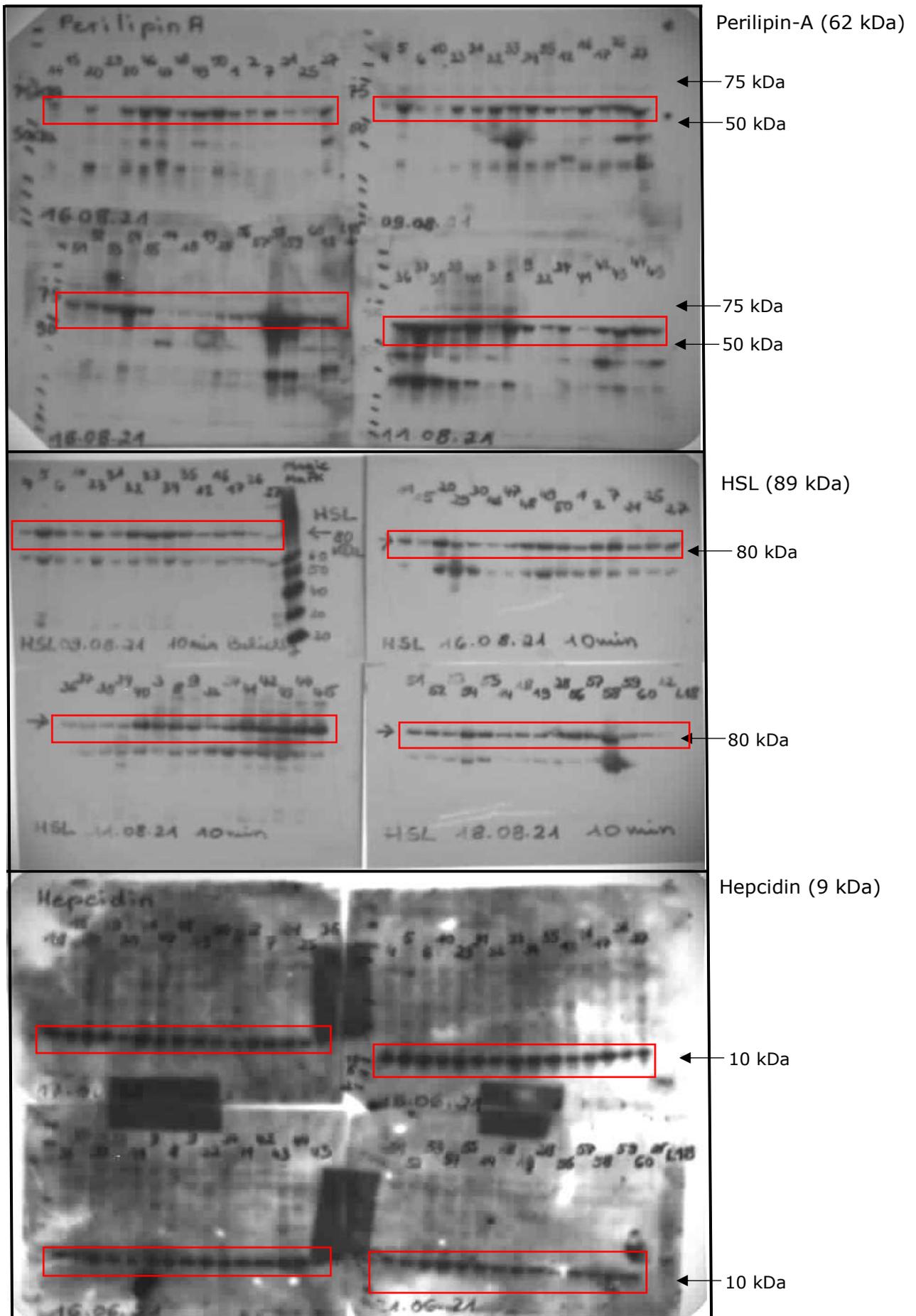
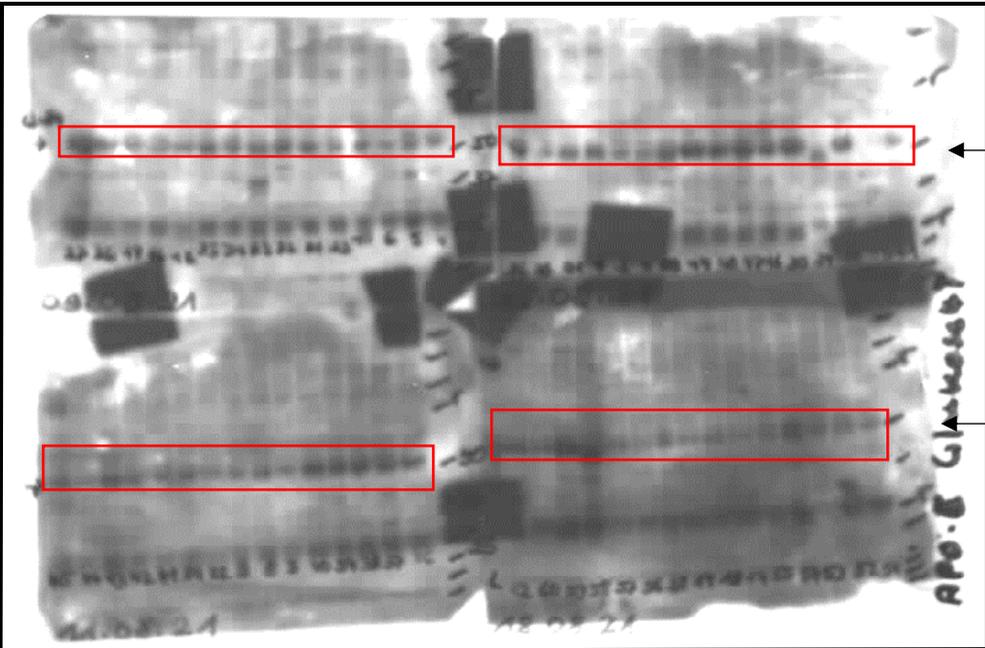


## Supplement

### Figure 1

a. Chemiluminescence detection of the membranes incubated with the primary antibodies against Perilipin A, HSL, hepcidin, Glut4 and IR $\beta$  and the respective secondary antibodies, (HRP-conjugated).

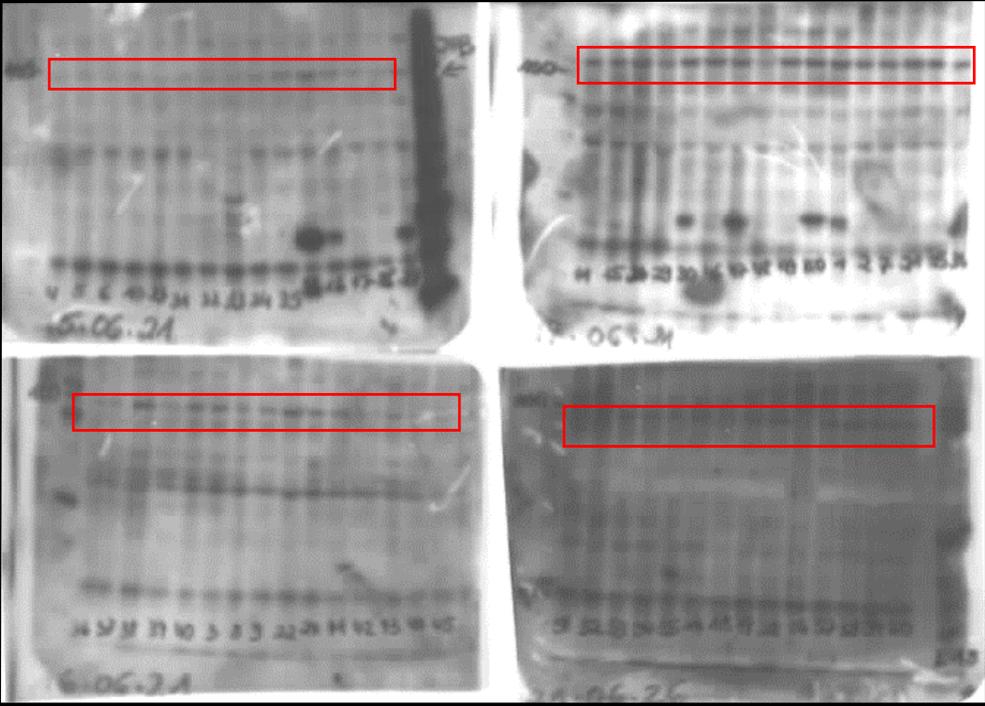




Glut-4 (54 kDa)

← 50 kDa

← 50 kDa

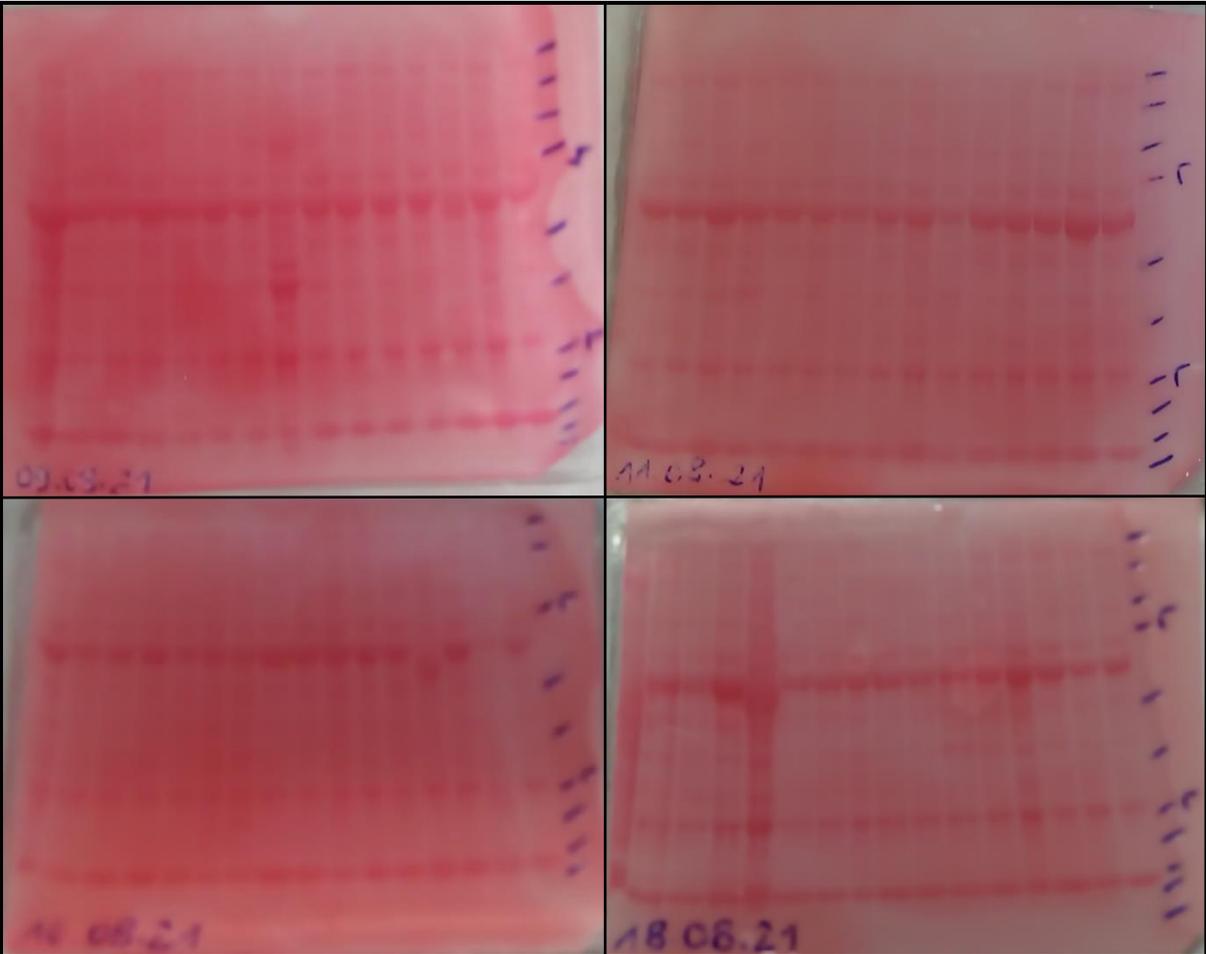
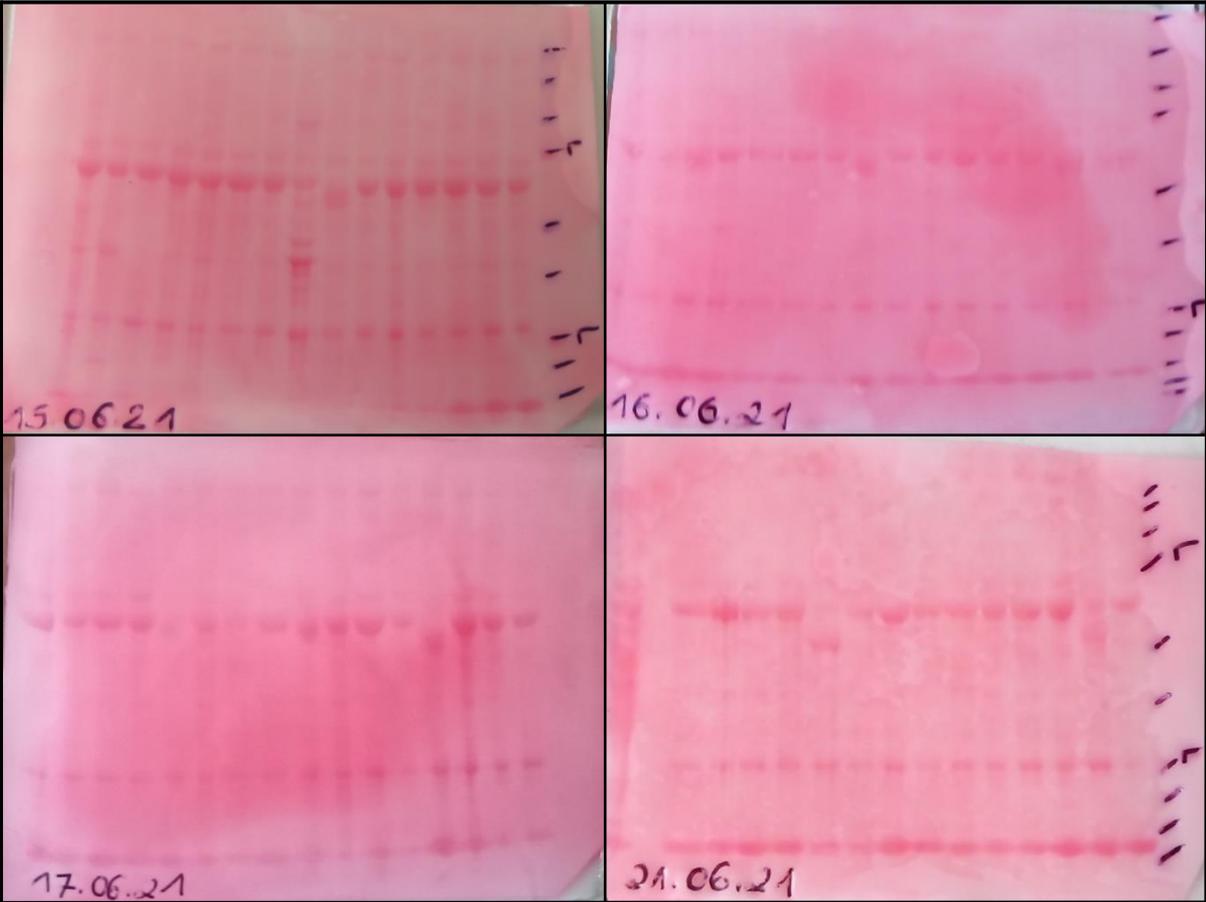


IR-β (95 kDa)

← 100 kDa

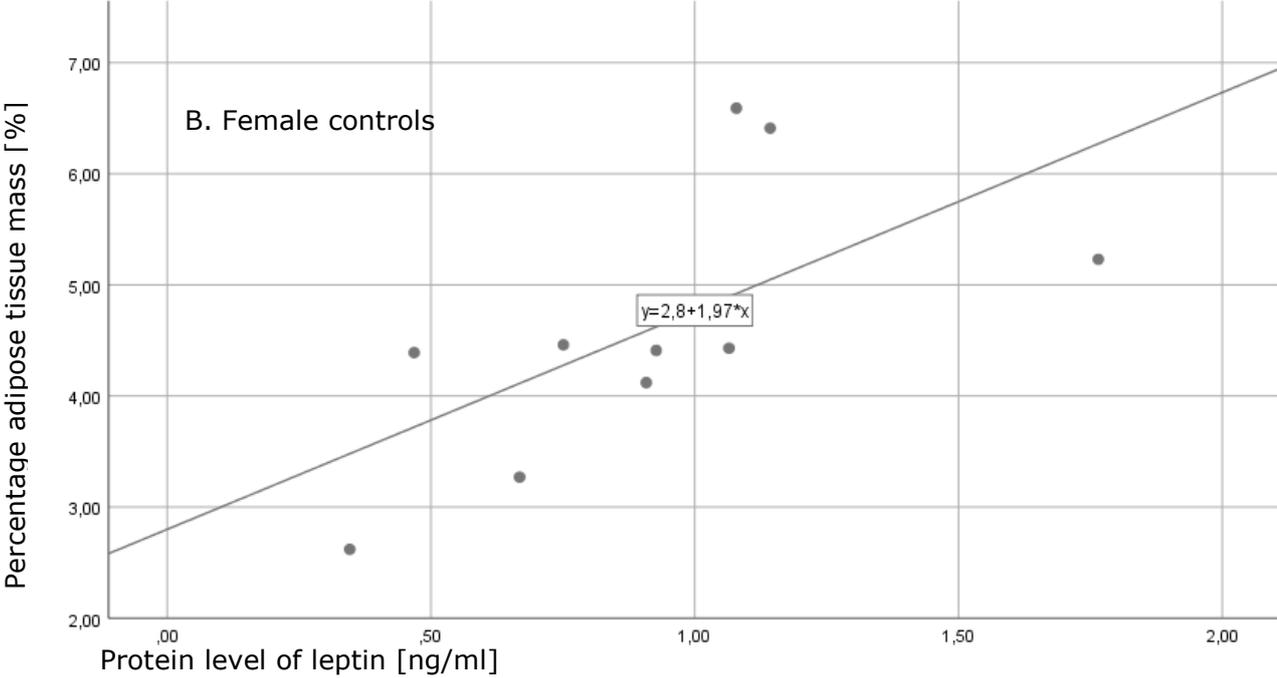
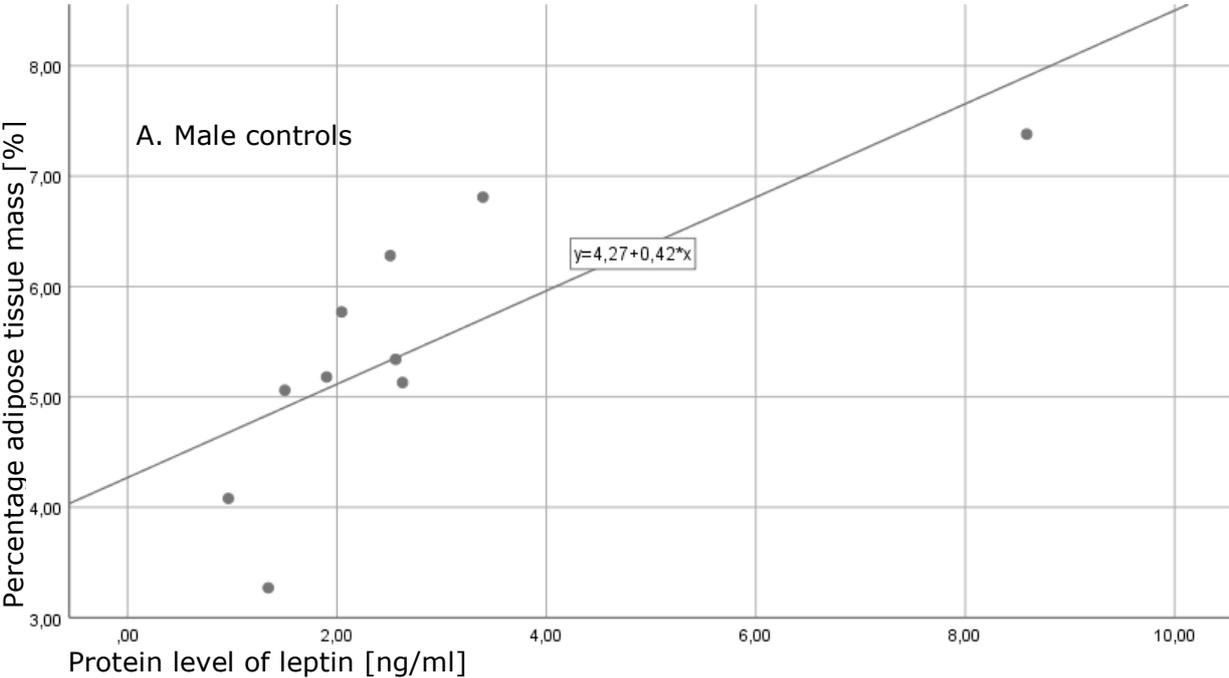
← 100 kDa

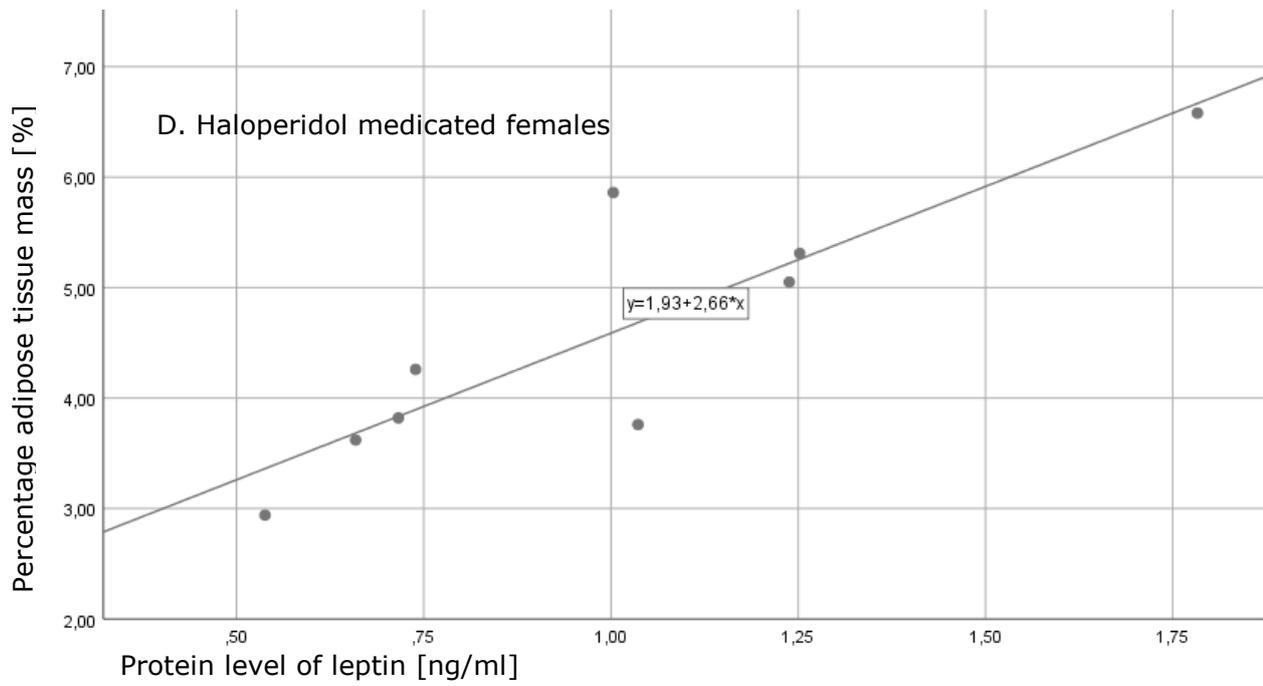
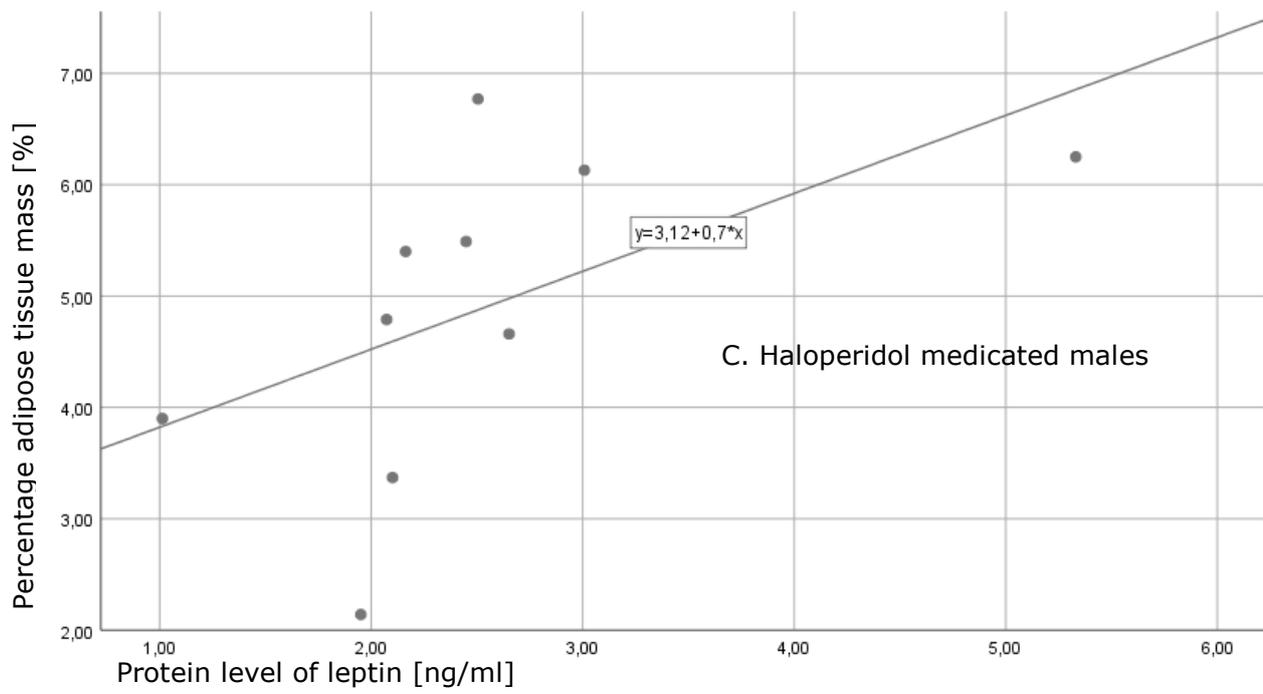
b. Westernblot membranes stained with Ponceau red



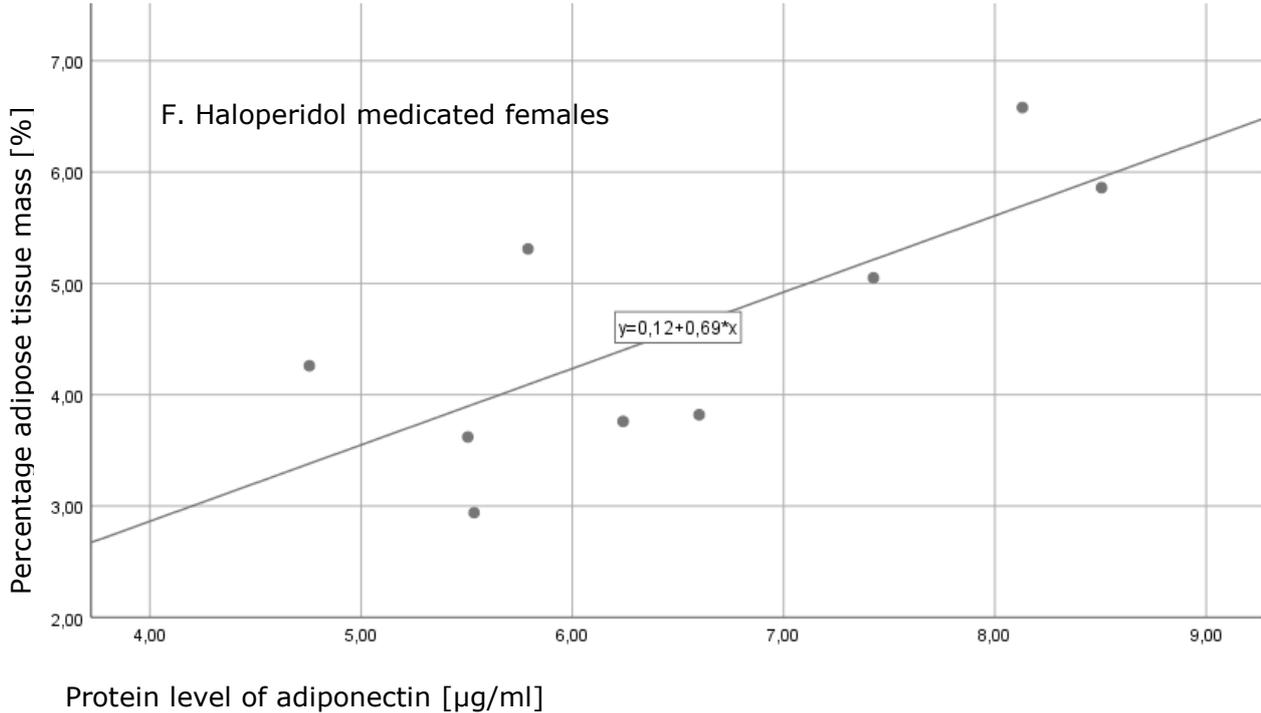
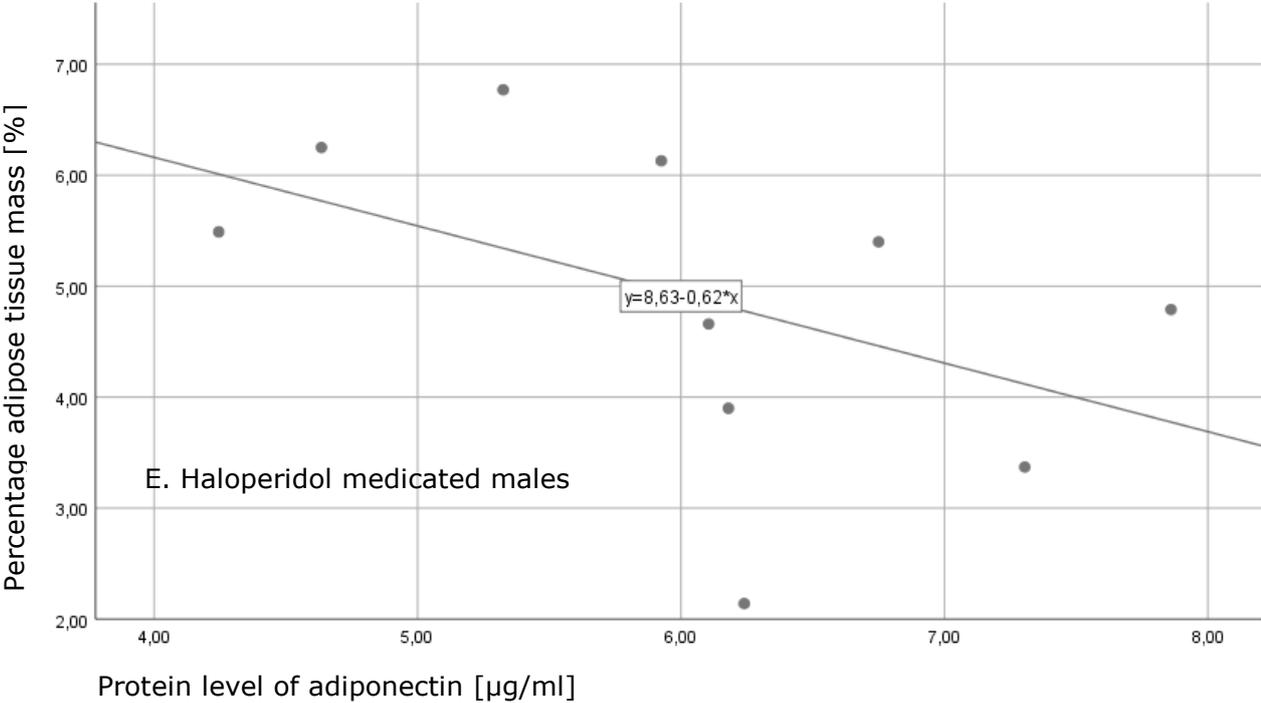
**Figure2**

A.-D. Nonparametric correlation of protein level of leptin (abscissa) and percentage adipose tissue mass (ordinate) for male and female controls, and male and female haloperidol medicated SD rats.

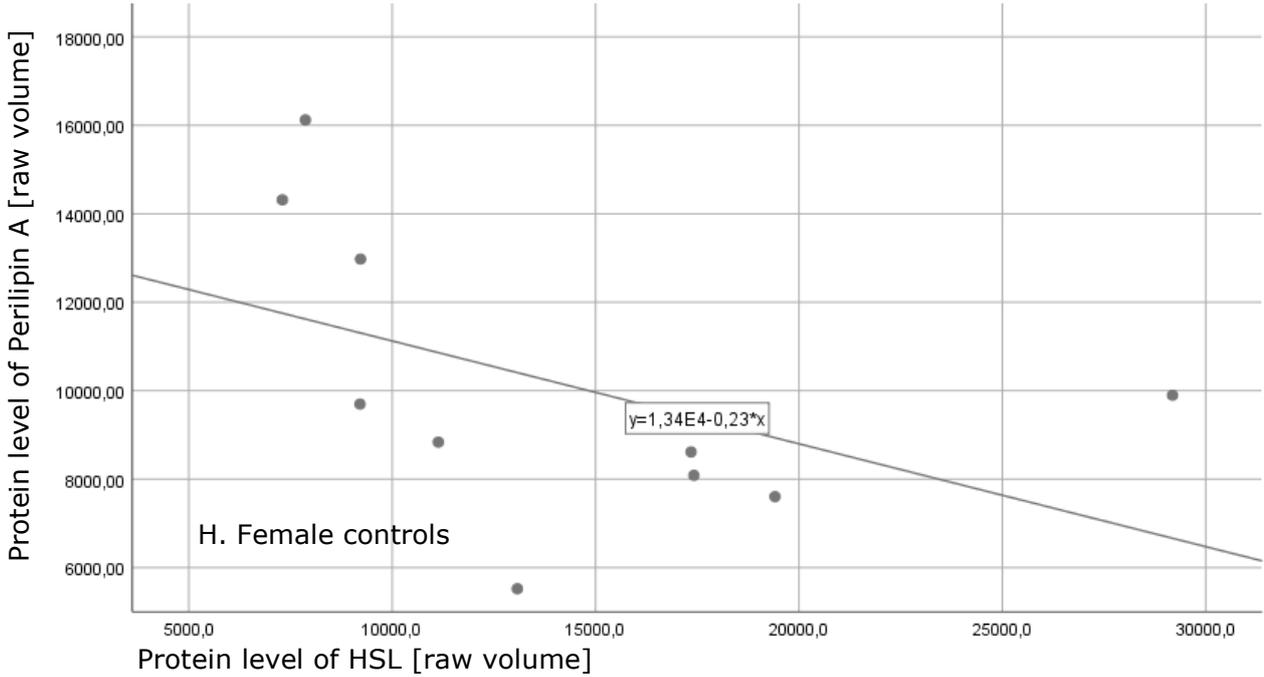
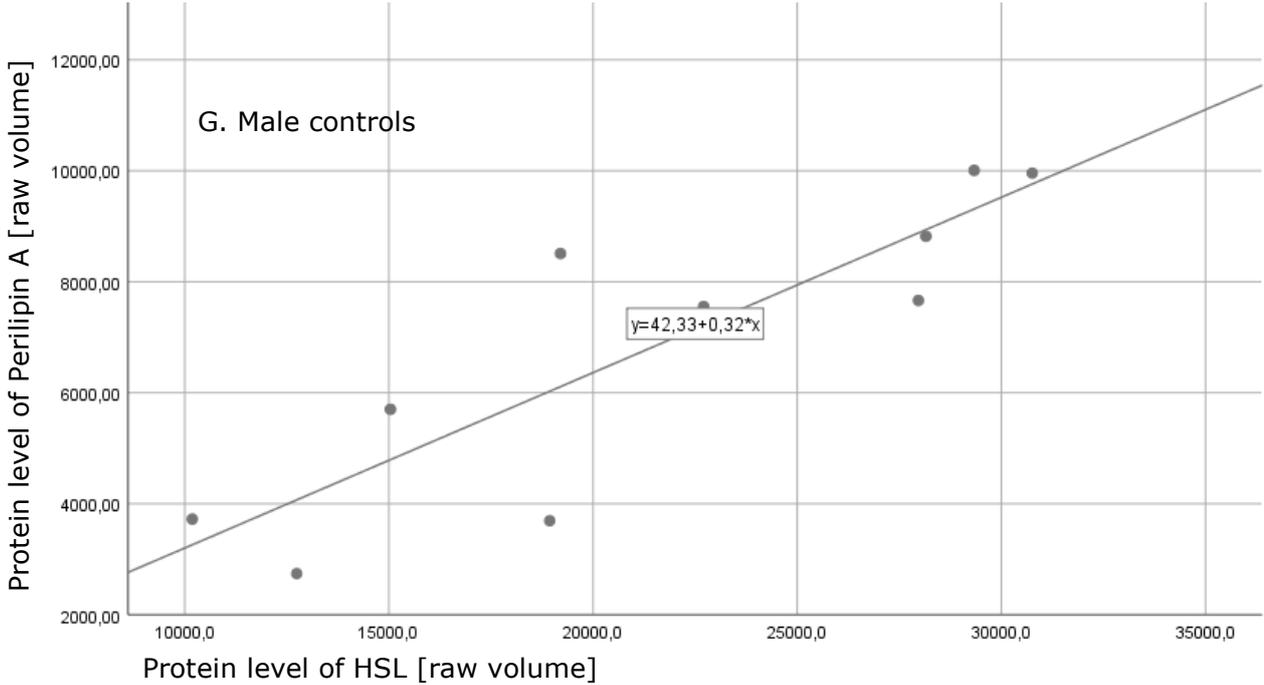




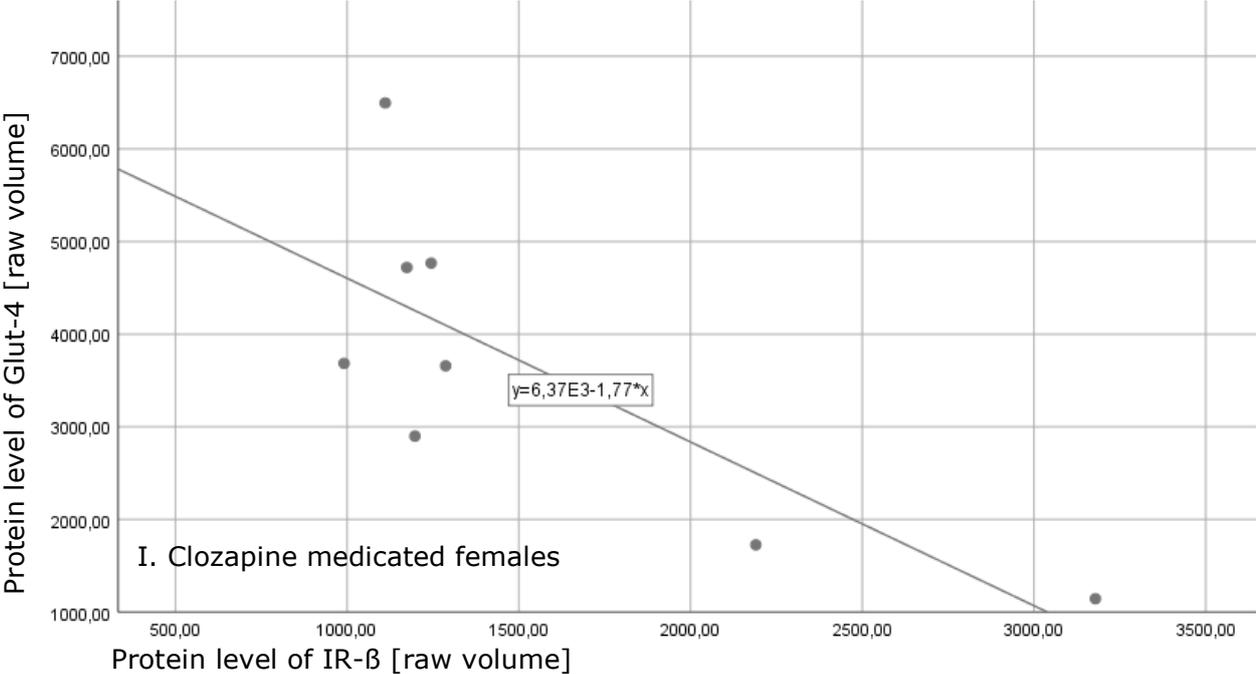
E.-F. Nonparametric correlation of protein level of adiponectin (abscissa) and percentage adipose mass of male and female haloperidol medicated SD rats.



G.-H. Nonparametric correlation of HSL (abscissa) and PerilipinA (ordinate) of male and female control SD rats (HSL=hormon sensitive lipase).



I. Nonparametric correlation of IR-β (abscissa) and Glut-4 (ordinate) of female clozapine medicated SD rats (IR-β= insulin receptor-β; Glut-4= glucose transporter-4).



**figure3**

- Fig.3 A. Final body weight (body weight gain over 12-weeks was shown in [23])
- B. Final body weight minus liver mass (liver mass was examined in [24])
- C. Final body weight minus adipocyte mass
- D. Final body weight minus liver and adipocyte mass

