

Effects of Recombinant Leptin Proteins on the Expression of Key Genes in the HPG Axis and Liver of Tongue Sole In Vitro

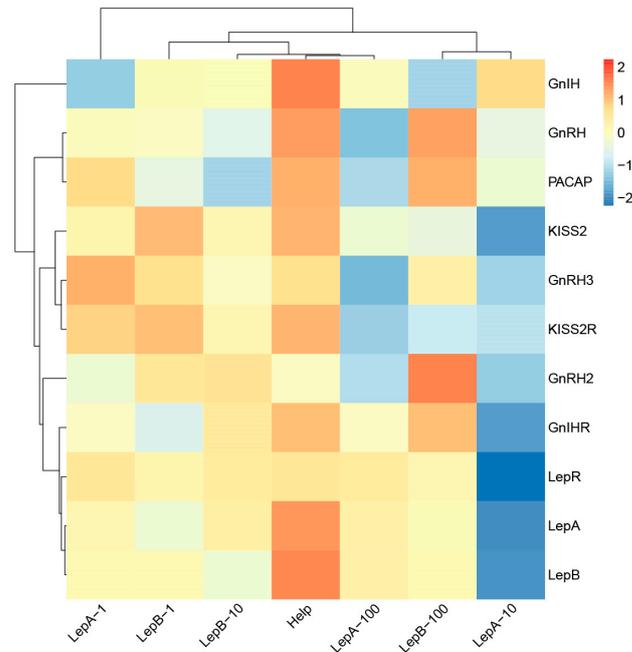


Figure S2. The expression of genes in the hypothalamus that are associated with growth and reproduction after incubation with recombinant tongue sole leptins and human leptin ($P < 0.05$). C refers to the control group that only added culture medium; HLeP indicates human leptin ((10nmol/L in culture medium); LepA and LepB indicate tongue sole leptins A and B followed by the dose used (1, 10 or 100nmol/L).

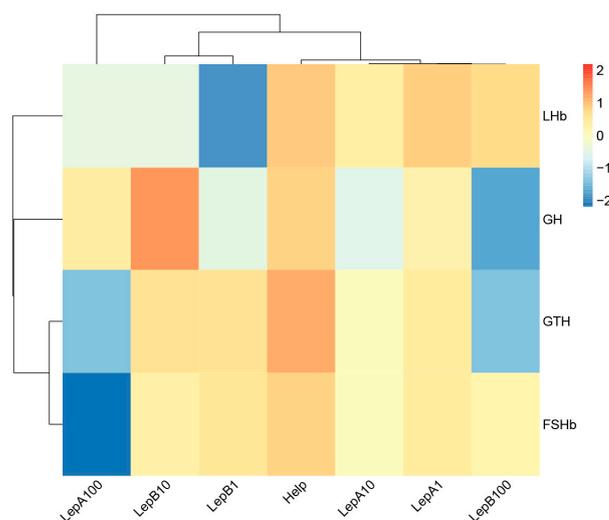


Figure S3. The expression of genes in the pituitary that are associated with growth and reproduction after incubating with recombinant tongue sole leptins and human leptin ($P < 0.05$). C refers to the control group that only added culture medium; HLeP indicates human leptin ((10nmol/L in culture medium); LepA and LepB indicate tongue sole leptins A and B followed by the dose used (1, 10 or 100nmol/L).

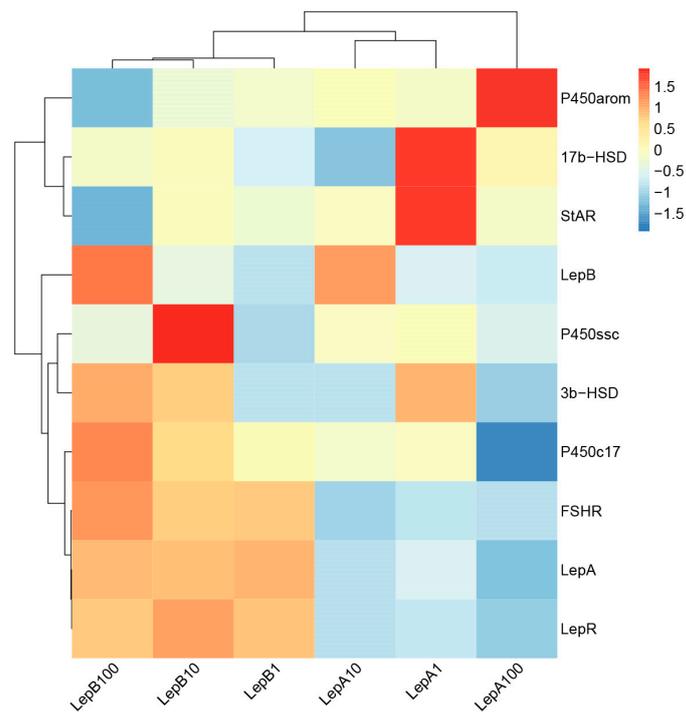


Figure S4. The expression of genes in the ovary that are associated with growth and reproduction after incubating with recombinant tongue sole leptins and human leptin ($P < 0.05$). C refers to the control group that only added culture medium; LepA and LepB indicate tongue sole leptins A and B followed by the dose used (1, 10 or 100nmol/L).

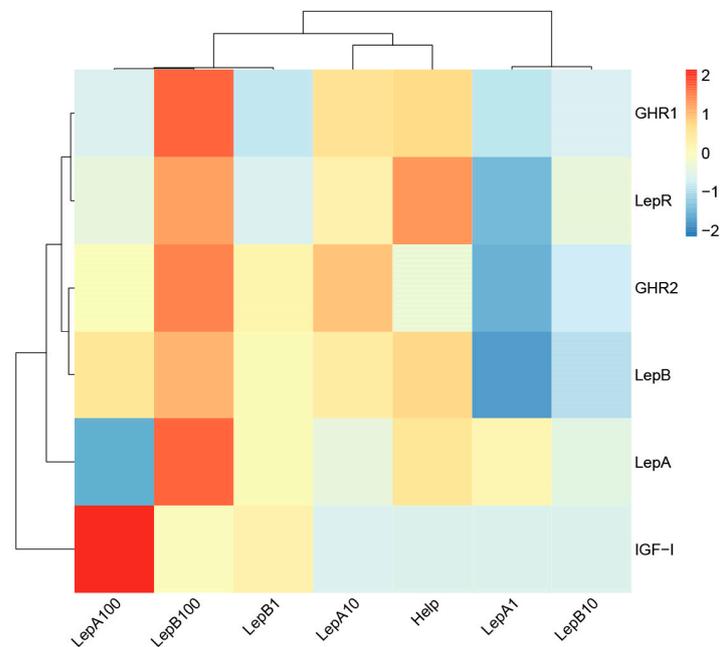


Figure S5. The expression of genes in the liver that are associated with growth and reproduction after incubating with recombinant tongue sole leptins and human leptin ($P < 0.05$). C refers to the control group that only added culture medium; Hlep indicates human leptin ((10nmol/L in culture medium); LepA and LepB indicate tongue sole leptins A and B followed by the dose used (1, 10 or 100nmol/L).