

Table S2. GO-BP pathways involved in the reversal of key genes by PNS in the hypothalamic region

Group ID	Description	log ₁₀ <i>P</i>
1	translation	-11.0697
2	translation at presynapse	-5.5806
3	proton transmembrane transport	-5.0563
4	regulation of secretion by cell	-4.5795
5	oxidative phosphorylation	-4.2671
6	synaptic vesicle cycle	-4.2486
7	protein folding	-4.0602
8	negative regulation of platelet-derived growth factor receptor signaling pathway	-3.8031
9	negative regulation of microtubule polymerization	-3.6069
10	translational elongation	-3.1434
11	protein localization to lysosome	-3.0839
12	regulation of response to food	-3.0382
13	membrane biogenesis	-2.7079
14	regulation of intracellular transport	-2.4797
15	visual learning	-2.4114
16	organelle localization by membrane tethering	-2.3910
17	regulation of neuron projection development	-2.3867
18	neuroepithelial cell differentiation	-2.30678
19	sister chromatid cohesion	-2.24852
20	Golgi vesicle transport	-2.1295