

Table S11. KEGG pathways involved in the reversal of key genes by PNS in the hippocampal region

Group ID	Description	$\log_{10} P$
1	Bacterial invasion of epithelial cells - Mus musculus (house mouse)	-4.2291
2	Huntington disease - Mus musculus (house mouse)	-2.8775
3	Dopaminergic synapse - Mus musculus (house mouse)	-2.1974
4	Synaptic vesicle cycle - Mus musculus (house mouse)	-2.0683
5	Protein export - Mus musculus (house mouse)	-1.9665
6	Ribosome - Mus musculus (house mouse)	-1.7972
7	Ferroptosis - Mus musculus (house mouse)	-1.6997
8	Nucleocytoplasmic transport - Mus musculus (house mouse)	-1.5849
9	Viral carcinogenesis - Mus musculus (house mouse)	-1.4443
10	Human immunodeficiency virus 1 infection - Mus musculus (house mouse)	-1.3813
11	Ubiquitin mediated proteolysis - Mus musculus (house mouse)	-1.3354