

Table S18. GO-BP pathways involved in the reversal of key genes by PNS in the striatal region

Group ID	Description	$\log_{10} P$
1	cellular respiration	-8.6537
2	negative regulation of protein ubiquitination	-6.1744
3	regulation of glutamate secretion	-4.7373
4	negative regulation of cellular component organization	-4.6251
5	positive regulation of protein-containing complex assembly	-4.2373
6	regulation of amyloid-beta formation	-4.0236
7	negative regulation of apoptotic signaling pathway	-3.7616
8	modulation of chemical synaptic transmission	-3.7407
9	negative regulation of protein binding	-3.6756
10	glycerol ether metabolic process	-3.6211
11	negative regulation of monoatomic ion transport	-3.5897
12	morphogenesis of a polarized epithelium	-3.4697
13	endoplasmic reticulum calcium ion homeostasis	-3.1328
14	negative regulation of RNA splicing	-3.1328
15	neuromuscular process controlling balance	-3.0171
16	regulation of endopeptidase activity	-2.9473
17	response to salt	-2.8116
18	T cell proliferation	-2.4397
19	membrane organization	-2.4388
20	amide metabolic process	-2.4280