

Table S6. GO-BP pathways involved in the reversal of key genes by PNS in the thalamic region

Group ID	Description	log₁₀ <i>P</i>
1	regulation of actin filament-based process	-6.2747
2	regulation of plasma membrane bounded cell projection organization	-6.1484
3	positive regulation of protein localization	-5.1162
4	protein targeting	-4.7693
5	regulation of plasma membrane bounded cell projection assembly	-4.7246
6	intracellular protein transport	-4.2491
7	organelle localization	-4.2435
8	regulation of kinase activity	-3.8598
9	cell junction organization	-3.8239
10	mitochondrial respiratory chain complex assembly	-3.7027
11	regulation of cellular response to stress	-3.6618
12	negative regulation of protein modification process	-3.6056
13	detoxification	-3.5345
14	glial cell differentiation	-3.4498
15	protein catabolic process	-3.4447
16	regulation of long-term synaptic depression	-3.3612
17	positive regulation of GTPase activity	-3.3051
18	inner mitochondrial membrane organization	-3.2613
19	actin cytoskeleton organization	-3.1345
20	cellular response to ether	-3.1001