

Table S22. GO-BP pathways involved in the reversal of key genes by PNS in the amygdala region

Group ID	Description	$\log_{10} P$
1	peptide biosynthetic process	-6.2125
2	regulation of protein localization to chromosome, telomeric region	-5.2905
3	cellular respiration	-4.6217
4	regulation of membrane depolarization	-4.1391
5	modification-dependent protein catabolic process	-3.3665
6	ribosomal small subunit assembly	-3.2796
7	stress granule assembly	-2.8883
8	cellular response to gamma radiation	-2.8417
9	regulation of cellular catabolic process	-2.6895
10	regulation of amide metabolic process	-2.5469
11	neuron cellular homeostasis	-2.5460
12	protein localization to organelle	-2.4464
13	NADH metabolic process	-2.4242
14	regulation of vesicle-mediated transport	-2.3920
15	vesicle organization	-2.3128
16	regulation of TOR signaling	-2.2080
17	regulation of mitochondrial membrane potential	-2.1389
18	regulation of protein localization to membrane	-2.1001