Table S24. GO-BP pathways involved in the reversal of key genes by PGS in the amygdala region

Group ID	Description	$\log_{10} P$
1	peptide metabolic process	-6.8389
2	regulation of membrane potential	-5.8491
3	positive regulation of protein localization	-4.7369
4	retrograde axonal transport	-4.6521
5	regulation of dopamine metabolic process	-4.6521
6	regulation of membrane depolarization	-4.2257
7	regulation of protein glycosylation	-4.0277
8	amyloid fibril formation	-3.7195
9	vesicle organization	-3.6563
10	ubiquitin-dependent protein catabolic process	-3.6372
11	hydrogen peroxide metabolic process	-3.4409
12	proton transmembrane transport	-3.2467
13	regulation of cysteine-type endopeptidase activity involved in apoptotic process	-3.2014
14	cellular respiration	-3.1605
15	inhibitory synapse assembly	-3.1490
16	protein polymerization	-3.0319
17	cellular response to gamma radiation	-2.8941
18	regulation of protein localization to membrane	-2.8483
19	protein folding	-2.7231
20	maturation of SSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)	-2.6848