

Table 3. Functional grouping of the PCGs

Functional group	P3-SHAM	P7-U7
Cell adhesion	8 (1.6)	27 (2.2)
Cell cycle/proliferation/differentiation	17 (3.4)	22 (1.8)
Cell metabolism	31 (6.1)	89 (7.4)
Cell signaling	41 (8.1)	100 (8.3)
Cytoskeleton	4 (0.8)	46 (3.8)
DNA modification	10 (2.0)	22 (1.8)
Extracellular architecture	2 (0.4)	6 (0.5)
Extracellular signal transduction	3 (0.6)	15 (1.2)
Ion channel and transporter	14 (2.8)	31 (2.6)
Metabolite/protein transport	17 (3.4)	67 (5.5)
Posttranslational modification	42 (8.3)	93 (7.7)
Transcriptional regulation	36 (7.1)	89 (7.4)
Translational regulation	6 (1.2)	17 (1.4)
ETC	6 (1.2)	30 (2.5)
Unknown	268 (53.1)	554 (45.9)
Total	505 (100.0)	1,208 (100.0)
Synaptic function	3 (0.6)	20 (1.7)

The percentage ratio is indicated in the parentheses.