

Table S25. KEGG pathways involved in the reversal of key genes by PGS in the amygdala region

Group ID	Description	$\log_{10} P$
1	Amyotrophic lateral sclerosis - Mus musculus (house mouse)	-7.5425
2	Ribosome - Mus musculus (house mouse)	-5.9251
3	Longevity regulating pathway - multiple species - Mus musculus (house mouse)	-2.9001
4	Protein export - Mus musculus (house mouse)	-2.8491
5	FoxO signaling pathway - Mus musculus (house mouse)	-2.4581
6	Proteasome - Mus musculus (house mouse)	-2.2459
7	Retrograde endocannabinoid signaling - Mus musculus (house mouse)	-2.2344
8	mTOR signaling pathway - Mus musculus (house mouse)	-2.1283
9	Malaria - Mus musculus (house mouse)	-2.0138