

Table SV. Results of Kyoto Encyclopedia of Genes and Genomes Pathway analysis.

Enrichment FDR	nGenes	Pathway genes	Pathway	URL
0.091386751	1 (SNRPG)	131	Path: hsa03040 Spliceosome	http://www.genome.jp/kegg-bin/show_pathway?hsa03040
0.091386751	1 (PSMD13)	46	Path: hsa03050 Proteasome	http://www.genome.jp/kegg-bin/show_pathway?hsa03050
0.091386751	1 (EGLN1)	109	Path: hsa04066 HIF-1 signaling pathway	http://www.genome.jp/kegg-bin/show_pathway?hsa04066
0.091386751	1 (Cul3)	142	Path: hsa04120 Ubiquitin mediated proteolysis	http://www.genome.jp/kegg-bin/show_pathway?hsa04120
0.091386751	1 (Cul3)	56	Path: hsa04340 Hedgehog signaling pathway	http://www.genome.jp/kegg-bin/show_pathway?hsa04340
0.091386751	1 (PSMD13)	142	Path: hsa05017 Spinocerebellar ataxia	http://www.genome.jp/kegg-bin/show_pathway?hsa05017
0.091386751	1 (EGLN1)	68	Path: hsa05211 Renal cell carcinoma	http://www.genome.jp/kegg-bin/show_pathway?hsa05211
0.112861579	1 (PSMD13)	202	Path: hsa05169 Epstein-Barr virus infection	http://www.genome.jp/kegg-bin/show_pathway?hsa05169
0.120897808	1 (PSMD13)	266	Path: hsa05012 Parkinson disease	http://www.genome.jp/kegg-bin/show_pathway?hsa05012
0.120897808	1 (PSMD13)	273	Path: hsa05020 Prion disease	http://www.genome.jp/kegg-bin/show_pathway?hsa05020
0.122662956	1 (PSMD13)	306	Path: hsa05016 Huntington disease	http://www.genome.jp/kegg-bin/show_pathway?hsa05016
0.128929966	1 (PSMD13)	384	Path: hsa05010 Alzheimer disease	http://www.genome.jp/kegg-bin/show_pathway?hsa05010
0.128929966	1 (PSMD13)	364	Path: hsa05014 Amyotrophic lateral sclerosis	http://www.genome.jp/kegg-bin/show_pathway?hsa05014
0.146635891	1 (PSMD13)	476	Path: hsa05022 Pathways of neurodegeneration-multiple diseases	http://www.genome.jp/kegg-bin/show_pathway?hsa05022
0.151319451	1 (EGLN1)	530	Path: hsa05200 Pathways in cancer	http://www.genome.jp/kegg-bin/show_pathway?hsa05200