Table SVI. KEGG Pathway Functional enrichment list.

ID	Description	P-value	Count
hsa04080	Neuroactive ligand-receptor interaction	$2.25x10^{-11}$	34
hsa04510	Focal adhesion	$9.86x10^{-05}$	16
hsa04974	Protein digestion and absorption	0.000155	10
hsa04020	Calcium signaling pathway	0.000237	15
hsa04151	PI3K-Akt signaling pathway	0.00024	22
hsa04927	Cortisol synthesis and secretion	0.000352	8
hsa04512	ECM-receptor interaction	0.000518	9
hsa04270	Vascular smooth muscle contraction	0.000909	11
hsa04934	Cushing syndrome	0.001031	12
hsa05031	Amphetamine addiction	0.002381	7
hsa05033	Nicotine addiction	0.004321	5
hsa04925	Aldosterone synthesis and secretion	0.005101	8
hsa04024	cAMP signaling pathway	0.005547	13
hsa00590	Arachidonic acid metabolism	0.007084	6
hsa05410	Hypertrophic cardiomyopathy (HCM)	0.009306	7
hsa05144	Malaria	0.010284	5
hsa04014	Ras signaling pathway	0.010646	13
hsa05014	Amyotrophic lateral sclerosis (ALS)	0.012129	5
hsa05202	Transcriptional misregulation in cancer	0.012548	11
hsa05414	Dilated cardiomyopathy (DCM)	0.013169	7
hsa04060	Cytokine-cytokine receptor interaction	0.014165	15
hsa04010	MAPK signaling pathway	0.014573	15
hsa04022	cGMP-PKG signaling pathway	0.015648	10
hsa04972	Pancreatic secretion	0.017175	7
hsa04261	Adrenergic signaling in cardiomyocytes	0.01874	9
hsa04933	AGE-RAGE signaling pathway in diabetic complications	0.018996	7
hsa04610	Complement and coagulation cascades	0.020292	6
hsa04260	Cardiac muscle contraction	0.026564	6
hsa04310	Wnt signaling pathway	0.029363	9
hsa04810	Regulation of actin cytoskeleton	0.031728	11
hsa04371	Apelin signaling pathway	0.033171	8
hsa00830	Retinol metabolism	0.035264	5
hsa05032	Morphine addiction	0.037328	6
hsa05030	Cocaine addiction	0.043623	4
hsa00982	Drug metabolism - cytochrome P450	0.045887	5
hsa05205	Proteoglycans in cancer	0.047593	10
hsa05215	Prostate cancer	0.048505	6
hsa04072	Phospholipase D signaling pathway	0.048714	8