

Population	Pathway name	<i>p</i> -value	N _{CPS}	N _{TOT}
YRI	Axonal Guidance Signaling	1.46E-08	85	471
	Cardiac b-adrenergic Signaling	4.39E-06	34	158
	Netrin Signaling	2.56E-05	15	57
	Protein Kinase A Signaling	2.77E-05	68	401
	Synaptic Long Term Depression	2.91E-05	33	160
LWK	Axonal Guidance Signaling	5.06E-10	119	471
	CREB Signaling in Neurons	2.65E-08	59	206
	IL-8 Signaling	3.49E-07	58	208
	Neuropathic Pain Signaling In Dorsal Horn Neurons	2.05E-06	36	108
	Ephrin Receptor Signaling	2.13E-06	53	203
CHINESE	Protein Kinase A Signaling	3.74E-05	15	401
	CREB Signaling in Neurons	2.25E-04	9	206
	Melanocyte Development and Pigmentation Signaling	4.63E-04	6	93
	Corticotropin Releasing Hormone Signaling	4.73E-04	7	138
	Synaptic Long Term Potentiation	6.00E-04	7	130
JPT	Ephrin Receptor Signaling	2.30E-08	46	203
	Axonal Guidance Signaling	9.57E-08	85	471
	Protein Kinase A Signaling	1.48E-07	78	401
	Neuropathic Pain Signaling In Dorsal Horn Neurons	4.99E-07	30	108
	Cardiac b-adrenergic Signaling	5.10E-07	37	158
IBS	CREB Signaling in Neurons	3.43E-11	41	206
	Protein Kinase A Signaling	2.05E-07	57	401
	Synaptic Long Term Depression	6.19E-07	29	160
	Neuropathic Pain Signaling In Dorsal Horn Neurons	8.76E-07	23	108
	Dopamine-DARPP32 Feedback in cAMP Signaling	9.31E-07	32	186
FIN	Synaptic Long Term Depression	2.11E-09	24	160
	CREB Signaling in Neurons	6.71E-06	21	206
	Cardiac b-adrenergic Signaling	8.39E-06	18	158
	Xenobiotic Metabolism Signaling	1.70E-05	27	300
	Protein Kinase A Signaling	1.83E-05	33	401