

Extended Data Table 2. Neuropeptide-encoding genes up- or down-regulated in GABA^{POA→TMN} neurons identified by TRAP

Up-regulated genes (IP/Input > 2)

Gene	IP/Input	Neuropeptide
Crh	3.46	corticotropin releasing hormone
Gal	3.1	galanin
Tac2	2.58	tachykinin 2
Pnoc	2.35	prepronociceptin
Cck	2.04	cholecystokinin

Down-regulated genes (IP/Input < 0.5)

Gene	IP/Input	Neuropeptide
Adcyap1	0.19	adenylate cyclase activating polypeptide 1

Weakly regulated genes (0.5 < IP/Input < 2)

Gene	IP/Input	Neuropeptide
Tac1	1.07	tachykinin 1
Pdyn	0.76	prodynorphin
Grp	1.46	gastrin-releasing peptide
Npy	0.61	neuropeptide Y
Penk	1.9	proenkephalin
Prok2	0.71	prokineticin 2
Sst	1.39	somatostatin

*Genes whose levels are FPKM<1 in either IP or Input are not shown