

Table 1: Ontology for the negatively correlated genes with the lowest p-values for expression correlations with COMT: Prefrontal Cortex

GOBPID	Pvalue	OddsRatio	ExpCount	Count	Size	Term
GO:0051650	0.00002694403361159	5.11	2.38	11	230	establishment of vesicle localization
GO:0048489	0.00002850912371505	7.37	1.21	8	117	synaptic vesicle transport
GO:0097480	0.00002850912371505	7.37	1.21	8	117	establishment of synaptic vesicle localization
GO:0099003	0.00002850912371505	7.37	1.21	8	117	vesicle-mediated transport in synapse
GO:0097479	0.00003854486976069	7.04	1.26	8	122	synaptic vesicle localization
GO:0051648	0.00004457954429266	4.82	2.51	11	243	vesicle localization
GO:0060052	0.00005839968114399	58.59	0.08	3	8	neurofilament cytoskeleton organization
GO:0051656	0.00007322471764406	3.71	4.16	14	402	establishment of organelle localization
GO:0016079	0.00007744237420489	9.46	0.71	6	69	synaptic vesicle exocytosis