

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

GOMFID	Pvalue	OddsRatio	ExpCount	Count	Size	Term
GO:0019843	0.00000000628271895	13.33	1.07	11	51	rRNA binding
GO:0003735	0.00000001013466328	7.01	2.68	16	128	structural constituent of ribosome
GO:0016491	0.00000001291309603	3.19	13.17	37	630	oxidoreductase activity
GO:0016614	0.00000020617234462	6.44	2.51	14	120	oxidoreductase activity, acting on CH-OH group of donors
GO:0050662	0.00000180367853028	4.91	3.43	15	164	coenzyme binding
GO:0016616	0.00000192608599654	6.25	2.19	12	105	oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor
GO:0048037	0.00000269390186556	4.01	4.97	18	238	cofactor binding
GO:0051287	0.00000831386329504	9.14	1.05	8	50	NAD binding
GO:0005198	0.00000875288047957	2.63	12.52	30	599	structural molecule activity