

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

GOMFID	Pvalue	OddsRatio	ExpCount	Count	Size	Term
GO:0016491	0.00000000004625704	3.35	16.24	47	641	oxidoreductase activity
GO:0048037	0.00000007887726312	4.15	6.26	23	247	cofactor binding
GO:0050662	0.00000040807796267	4.65	4.38	18	173	coenzyme binding
GO:0016614	0.00000109989692564	5.56	2.89	14	114	oxidoreductase activity, acting on CH-OH group of donors
GO:0016616	0.00000741407487757	5.45	2.51	12	99	oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor
GO:0003824	0.00002574051412539	1.56	126.54	164	4996	catalytic activity
GO:0016903	0.00004825798654100	8.56	0.99	7	39	oxidoreductase activity, acting on the aldehyde or oxo group of donors