Table 1: CC Ontology for the positively correlated genes with the lowest p-values for expression correlations with COMT: Cerebellum

GOCCID	Pvalue	OddsRatio	ExpCount	Count	Size	Term
GO:0044444	0.00000001239059108	1.86	193.93	246	8105	cytoplasmic part
GO:0031982	0.00000001728684747	1.88	88.84	136	3713	vesicle
GO:0005737	0.00000006386582233	1.90	232.43	279	9714	cytoplasm
GO:0070062	0.00000014553588190	1.94	57.76	96	2414	extracellular exosome
GO:1903561	0.00000019585713572	1.92	58.12	96	2429	extracellular vesicle
GO:0043230	0.00000020370408031	1.92	58.17	96	2431	extracellular organelle
GO:0012505	0.00000030790726679	1.78	89.42	132	3737	endomembrane system
GO:0005739	0.00000501294410292	1.98	34.86	62	1457	mitochondrion
GO:0044446	0.00000942084571567	1.60	184.51	225	7711	intracellular organelle part
GO:0005777	0.00002160577684402	4.83	2.78	12	116	peroxisome
GO:0042579	0.00002160577684402	4.83	2.78	12	116	microbody
GO:0031410	0.00002472512090279	1.78	46.35	74	1937	cytoplasmic vesicle
GO:0097708	0.00002560851123653	1.78	46.40	74	1939	intracellular vesicle
GO:0044421	0.00002980752678786	1.62	79.99	113	3343	extracellular region part
GO:0044438	0.00003110219612279	5.64	2.01	10	84	microbody part
GO:0044439	0.00003110219612279	5.64	2.01	10	84	peroxisomal part
GO:0005783	0.00003473474084198	1.84	37.11	62	1551	endoplasmic reticulum
GO:0044422	0.00004067050253296	1.54	188.72	226	7887	organelle part
GO:0043227	0.00004268016280975	1.65	252.63	286	10558	membrane-bounded organelle
GO:0044433	0.00004392590974809	1.91	30.34	53	1268	cytoplasmic vesicle part

GO:0044432	0.00005016082148455	1.95	27.42	49	1146	endoplasmic reticulum part
GO:0042765	0.00005338674445877	123.39	0.10	3	4	GPI-anchor transamidase complex
GO:0005615	0.00005625375914722	1.60	75.80	107	3168	extracellular space
GO:0005789	0.00006217802294359	2.06	21.65	41	905	endoplasmic reticulum membrane
GO:0098827	0.00006856137520693	2.05	21.75	41	909	endoplasmic reticulum subcompartment
GO:0042175	0.00009589113074606	2.01	22.09	41	923	nuclear outer membrane-endoplasmic reticulum membrane network