

Table 1: Number of probes with expression positively (Columns 1, 3, 5, 7) and negatively (Columns 2, 4, 6, 8) correlated with *COMT* expression by brain area. Sums are in the last row and by chromosome across brain areas in Column 9 (positively correlated) and Column 10 (negatively correlated).

Chromosome	Brain Area								Sum	
	Prefrontal		Cerebellum		Temporal		Pons			
	positive	negative	positive	negative	positive	negative	positive	negative	positive	negative
1	743	1309	761	1283	672	1397	804	1245	2980	5234
2	403	870	501	749	367	908	509	755	1780	3282
3	398	694	439	656	349	739	464	637	1650	2726
4	216	542	274	465	217	534	292	460	999	2001
5	246	625	344	534	229	651	322	555	1141	2365
6	379	697	389	703	326	739	398	657	1492	2796
7	333	575	355	551	302	585	380	530	1370	2241
8	235	454	260	418	231	464	262	413	988	1749
9	347	446	305	492	308	495	334	446	1294	1879
10	270	489	301	458	251	518	314	450	1136	1915
11	450	841	427	854	406	885	483	808	1766	3388
12	365	688	357	682	335	714	402	643	1459	2727
13	112	223	138	190	101	232	146	189	497	834
14	239	386	265	360	209	421	266	362	979	1529

Table 1: *(Number of Probes per Chromosome Continued)*

Chromosome	Brain Area								Sum	
	Prefrontal		Cerebellum		Temporal		Pons			
	positive	negative	positive	negative	positive	negative	positive	negative	positive	negative
15	200	382	252	332	184	406	243	352	879	1472
16	348	473	296	528	324	484	331	492	1299	1977
17	458	687	400	759	402	738	466	695	1726	2879
18	96	172	112	149	84	179	114	154	406	654
19	592	693	382	920	517	761	490	800	1981	3174
20	246	369	231	391	201	411	247	361	925	1532
21	95	195	100	195	87	205	125	170	407	765
22	222	269	177	311	188	286	185	308	772	1174
X	235	571	288	543	238	598	280	544	1041	2256
Y	9	34	8	37	3	41	12	33	32	145
Total	7237	12684	7362	12560	6531	13391	7869	12059	28999	50694