This program has the unique ID: 405cc2c5dd4bd8e0983992907dcb72db.
Gene Network
COMT expression correlations in Four Bartin Areas
Fall, 2017

COMT catalyzes degradation of catecholamines including dopamine, norepinephrine and epinephrine.

Table 1: Gene Coexpression Databases

	site	addr
1	COXPRESdb	http://coxpresdb.jp/
2	OMICtools	https://omictools.com/
3	Coexpedia	http://www.coexpedia.org/search.php
4	GeneFriends	http://www.genefriends.org/RNAseq/
5	Illumina Probes	http://www.genomequebec.mcgill.ca/compgen/integratedvervetgenomi
6	Gibbs Expression Data	https://www.ncbi.nlm.nih.gov/geo/query
7	Train Online	https://www.ebi.ac.uk/training/online/course/arrayexpressdiscoverfun

c(2055, 2047, 2043, 2027)

[1] 2055[1] 1969[1] 1[1] 427
[1] 2113[1] 1999[1] 1651[1] 462
[1] 2047[1] 1926[1] 1[1] 432
[1] 2101[1] 1950[1] 1635[1] 466
[1] 2043[1] 1947[1] 1[1] 426
[1] 2098[1] 1975[1] 1638[1] 460
[1] 2027[1] 1934[1] 1[1] 419
[1] 2084[1] 1963[1] 1630[1] 454
c(20000, 19573, 19538)
[1] 359[1] 321 There are 109 entries from among the original 20,000 that do not have valid Chromosome names, and 142 that do not have valid start positions.
[1] 363[1] 327 There are 108 entries from among the original 20,000 that do not have valid Chromosome names, and 140 that do not have valid start positions.
[1] 356[1] 319 There are 109 entries from among the original 20,000 that do not have valid Chromosome names, and 142 that do not have valid start

positions.

[1] 357[1] 312 There are 109 entries from among the original 20,000 that do not have valid Chromosome names, and 143 that do not have valid start positions.

The analyses of effects by Chromosome and by Starting Position are based on the counts as shown in the table below.

c(427, 375, 906, 359, 321, 318, 109, 19891, 19858)