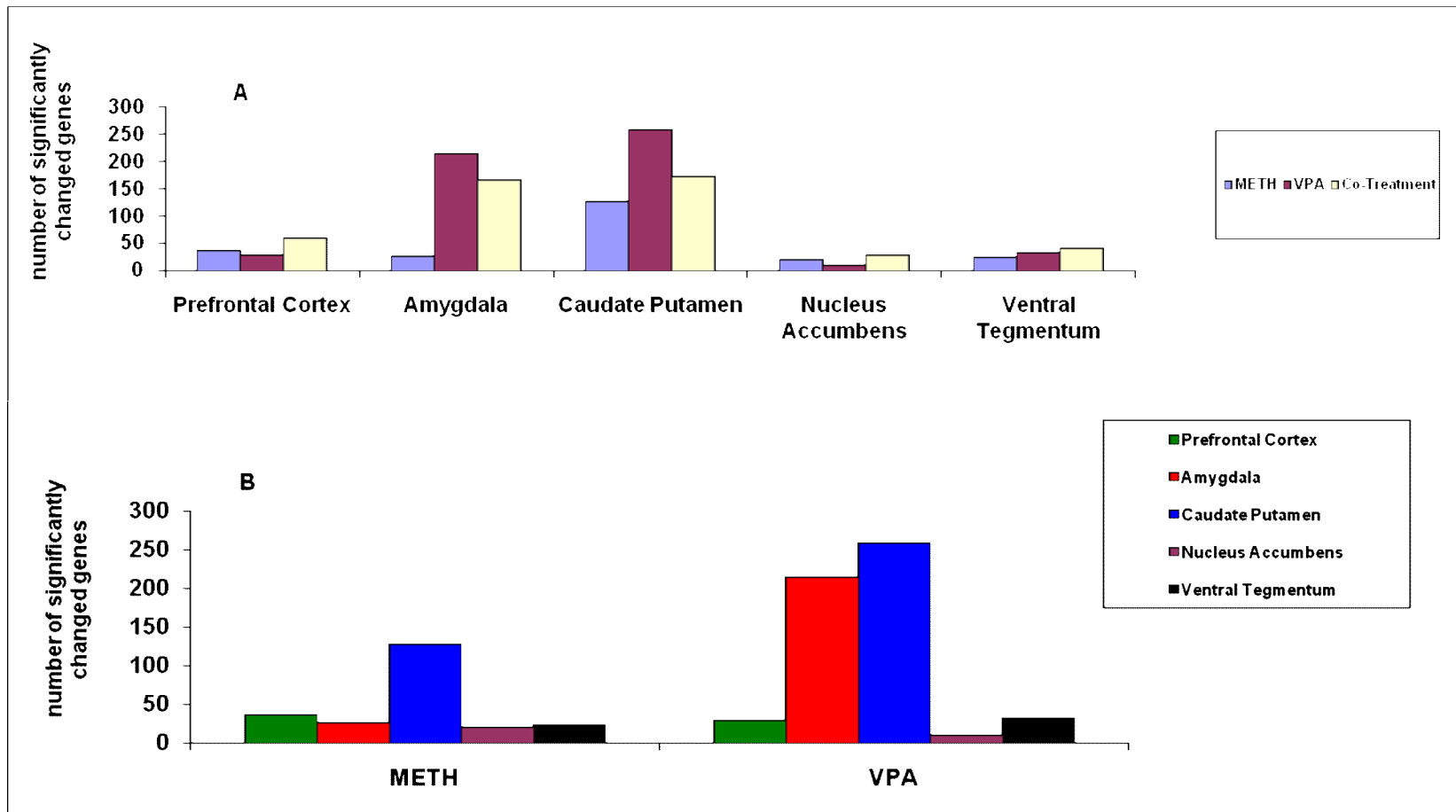
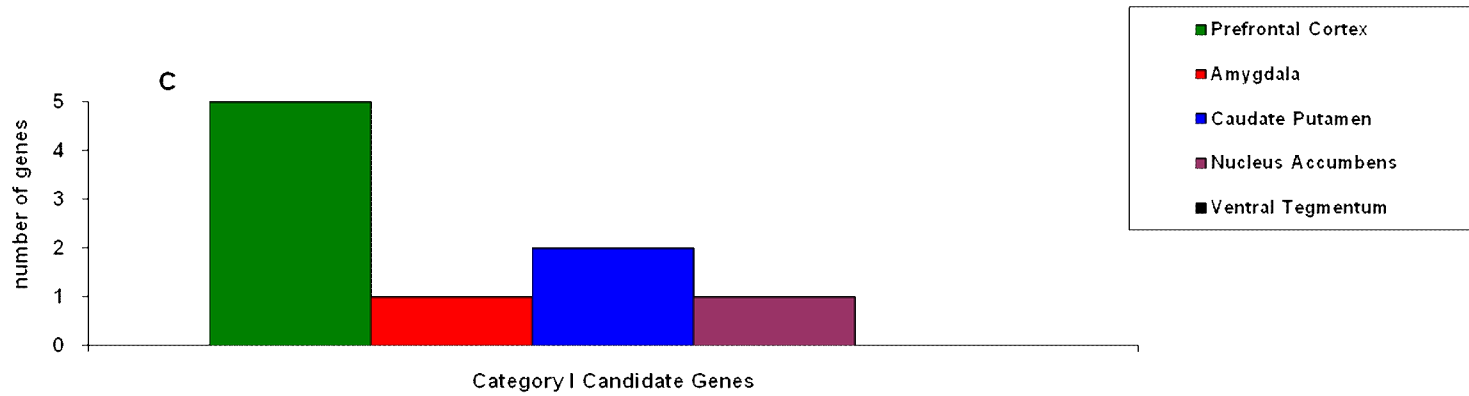


Figure 2. Number of genes reproducibly changed. (A) Comparative effects of methamphetamine, valproate and co-treatment in different target brain regions, showing interference effects of co-treatment. (B) Brain region specific differences of drug treatment with methamphetamine and valproate on gene expression (C) Distribution of category I candidate genes across brain regions (D) number of reproducibly changed genes by Categories I-IV.





D

Category \ Brain Region	I	II	Meth III	VPA III	Meth IV	VPA IV	Totals
Prefrontal Cortex	5	0	12	14	20	10	61
Amygdala	1	9	8	68	9	136	231
Caudate Putamen	2	23	28	25	75	209	362
Nucleus Accumbens	1	3	9	0	8	6	27
Ventral Tegmentum	0	8	0	4	16	21	49

