

Supplementary Figure S2:

A: Table: Comparison of fold-changes of TA synapses vs. TA non-synaptic areas.

Probeset ID (rat)	Gene description	Gene Symbol	Fold-changes: TA synapse vs TA non-synaptic areas	
			This study	Nazarian et al 2005
1369843_at	cholinergic receptor, nicotinic, alpha polypeptide 1 (muscle)	Chrna1	300.8	5.5
1369137_at	cholinergic receptor, nicotinic, epsilon polypeptide	Chrne	117.5	8.9
1377064_at; 1382778_at; 1387024_at	dual specificity phosphatase 6	Dusp6	80.3; 60.9; 99.7	7.2
1386948_at	nestin	Nes	79.8	4.0
1373911_at	periostin, osteoblast specific factor (predicted)	Postn_predicted	184.0	13.2
1374376_at; 1382258_at	Rho-guanine nucleotide exchange factor (predicted)	Rgnef_predicted	2.1	4.1
1376657_at	cell adhesion molecule 1	Cadm1	3.1	3.8
1379724_at	pleckstrin homology-like domain, family B, member 2	Phldb2	14.2	12.8
1387313_at	myocilin	Myoc	10.2	4.0
1390404_at	laminin, alpha 2 (predicted)	Lama2_predicted	23.1	3.2
1392965_a_at	SPARC related modular calcium binding 2 (predicted)	Smoc2_predicted	10.4	2.7
1367938_at	UDP-glucose dehydrogenase	Ugdh	3.3	2.1
1370942_at	RAS p21 protein activator 3	Rasa3	3.7	2.3
1370959_at	collagen, type III, alpha 1	Col3a1	3.7	4.5
1371310_s_at	serine (or cysteine) peptidase inhibitor, clade H, member 1	Serpinh1	2.8	4.1
1373421_at	TG interacting factor 1	Tgif1	2.0	2.0
1367631_at	connective tissue growth factor	Ctgf	3.5	7.1
1383863_at	LIM domain only 2	Lmo2	8.7	2.1
1388697_at	inositol polyphosphate-5-phosphatase A (predicted)	Inpp5a_predicted	2.2	3.0
1389265_at	glucan (1,4-alpha-), branching enzyme 1	Gbe1	-2.2	2.0

B. Venn diagram of number of genes in TA synapse vs TA non-synaptic areas.

