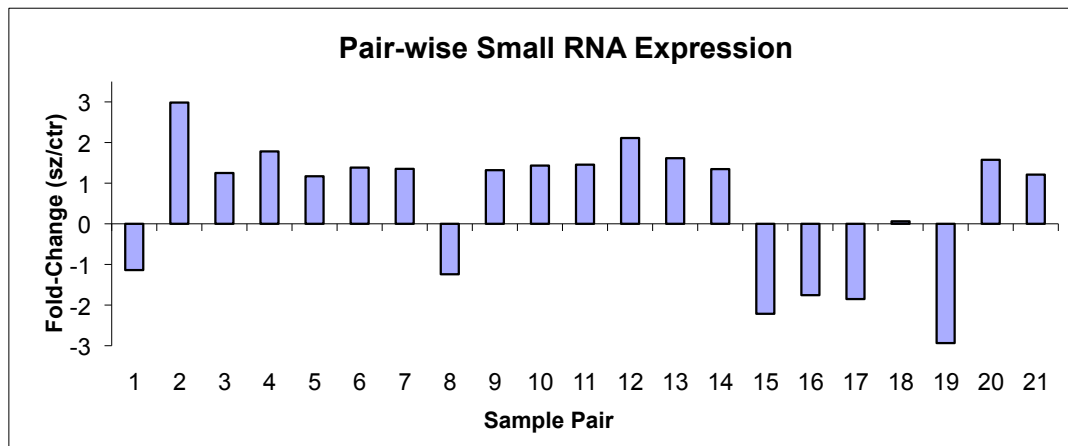
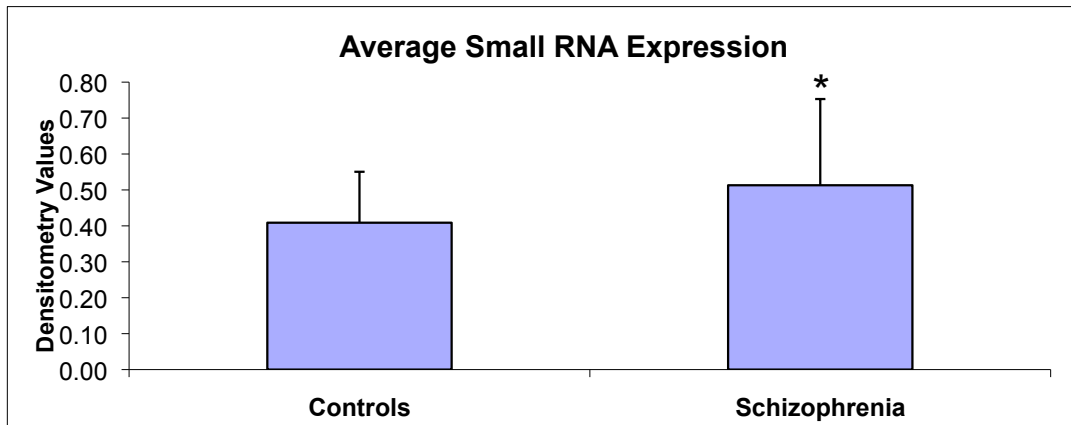


Supplementary Table 3 - Total RNA analysis

Sample Pair	Controls	Schizophrenia	Ratio (sz/ctr)	Fold change
1	0.5591	0.4910	0.8782	-1.1386
2	0.3876	1.1565	2.9838	2.9838
3	0.4292	0.5366	1.2502	1.2502
4	0.2925	0.5211	1.7815	1.7815
5	0.5847	0.6840	1.1699	1.1699
6	0.4699	0.6501	1.3834	1.3834
7	0.2931	0.3963	1.3524	1.3524
8	0.8053	0.6484	0.8052	-1.2419
9	0.5083	0.6709	1.3198	1.3198
10	0.4128	0.5915	1.4330	1.4330
11	0.4465	0.6497	1.4553	1.4553
12	0.3373	0.7120	2.1110	2.1110
13	0.4243	0.6851	1.6148	1.6148
14	0.4362	0.5872	1.3460	1.3460
15	0.3089	0.1395	0.4515	-2.2147
16	0.3748	0.2134	0.5694	-1.7561
17	0.3668	0.1981	0.5399	-1.8521
18	0.1521	0.3763	2.4746	0.0614
19	0.5035	0.1715	0.3407	-2.9354
20	0.2721	0.4285	1.5749	1.5749
21	0.2197	0.2659	1.2104	1.2104

	Controls	Schizophrenia
Average	0.4088	0.5130
SD	0.14	0.24
Ratio (sz/ctr)	1.26	
p value	0.0471	(un-paired)
	0.0281	(paired)



Electrophoresis of dephosphorylated total RNA labeled with PNK (n = 21 schizophrenia samples, n = 21 matched controls). Lane densitometry of the phosphorimage was normalized to the ~75nt band in each lane. Average small RNA expression (20-24nt) is 1.26-fold higher in the schizophrenia cohort compared to the controls. Pair-wise analysis indicates that small RNA expression is higher in the schizophrenia cohort in 15 of the 21 matched pairs.