

Table S5 Genes in the nucleotide metabolism gene-set

GeneID	Symbol	Name	Case counts	Control counts	ASD_%	CT_%	Pvalue
2272	<i>FHIT</i>	fragile histidine triad gene	2	0	1.026	0	0.130714
1806	<i>DPYD</i>	dihydropyrimidine dehydrogenase	1	0	0.513	0	0.360958
272	<i>AMPD3</i>	adenosine monophosphate deaminase 3	1	0	0.513	0	0.360958
2766	<i>GMPR</i>	guanosine monophosphate reductase	1	0	0.513	0	0.360958
3615	<i>IMPDH2</i>	IMP (inosine 5'-monophosphate) dehydrogenase 2	1	0	0.513	0	0.360958
4833	<i>NME4</i>	non-metastatic cells 4, protein expressed in	1	0	0.513	0	0.360958
5151	<i>PDE8A</i>	phosphodiesterase 8A	1	0	0.513	0	0.360958
51733	<i>UPB1</i>	ureidopropionase, beta	1	0	0.513	0	0.360958
5426	<i>POLE</i>	polymerase (DNA directed), epsilon	1	0	0.513	0	0.360958
7378	<i>UPP1</i>	uridine phosphorylase 1	1	0	0.513	0	0.360958
9154	<i>SLC28A1</i>	solute carrier family 28 (sodium-coupled nucleoside transporter), member 1	1	0	0.513	0	0.360958
5137	<i>PDE1C</i>	phosphodiesterase 1C, calmodulin-dependent 70kDa	0	1	0	0.288	1
956	<i>ENTPD3</i>	ectonucleoside triphosphate diphosphohydrolase 3	0	1	0	0.288	1