

Additional Table 5. Expression microarray data for genes involved in tryptophan metabolic pathways in 10 patients with ASDs versus 10 controls.

Gene Symbol	Control Average	AUT1	AUT2	AUT3	AUT4	AUT5	AUT6	AUT7	AUT8	AUT9	AUT10
<i>AADAT</i>	100	33	29	40	36	36	69	37	54	52	26
<i>ACMSD</i>	29	17	33	40	24	23	28	17	34	15	6
<i>HAAO</i>	1201	1159	455	285	743	566	992	641	697	918	374
<i>KMO</i>	1167	1890	1217	763	646	629	1311	896	705	723	288
<i>KYNU</i>	9312	12141	9682	3832	5647	4633	10400	8417	7019	9868	4566
<i>MAOA</i>	781	422	437	246	394	247	567	354	411	542	153
<i>QPRT</i>	51099	120513	89478	41459	76330	59482	68206	45937	62899	68640	30829
<i>TDO2</i>	43	250	118	50	28	36	38	14	29	40	45
<i>TPH1</i>	35	27	33	41	27	29	27	15	36	15	9
<i>TPH2</i>	58	22	43	35	28	35	32	22	41	31	11
<i>WARS</i> (cytoplasmic form)	60518	68775	81421	64014	64490	50202	55002	33855	43543	42147	22084
<i>WARS2</i> (mitochondrial form)	2207	2812	1707	630	790	689	1250	1387	1717	2250	977
<i>SLC3A2</i>	24016	20724	32092	18967	20111	13763	21640	20804	24236	25123	8286
<i>SLC7A5</i>	4513	1641	4189	4972	3944	1595	3028	2382	3313	2782	905
<i>SLC7A8</i>	95	22	19	43	29	23	38	18	29	48	9