

Supplementary Table 4: The concentration of Try and Try catabolites in bacteria culture supernatant.

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Sample Name	BHI1	BHI2	BHI3	E1	E2	E3	Lg1	Lg2	Lg3	
Volume (μL)	200	200	200	200	200	200	200	200	200	
Final Concentration (nmol/L)	3-HAA	9.06	6.21	6.91	6.09	9.79	11.75	8.97	14.36	7.14
	3-HK	3.38	5.82	2.70	2.73	2.65	3.84	3.78	3.15	6.79
	5-HIAA	6926.88	10021.94	7411.23	5576.46	4583.54	8985.87	6000.98	7266.36	3301.78
	5-HT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	5-HTOL	4.35	7.42	7.45	8.85	4.00	3.15	7.68	6.04	11.61
	5-HTP	11.21	11.75	9.98	14.87	11.30	14.10	10.36	11.76	7.65
	5-Me-IAA	0.47	0.45	1.15	2.57	2.11	1.75	17.42	26.06	18.39
	AA	467.56	578.19	712.20	757.29	437.65	490.58	468.64	753.57	620.44
	IA	13.98	15.98	15.81	20.65	16.74	16.31	15.68	20.19	17.45
	IAA	21.95	19.28	22.01	18.70	21.38	19.11	120.95	115.87	89.28
	IAA-Ala	0.21	0.25	0.36	0.55	0.87	0.53	0.22	0.28	N/A
	IAA-Asp	0.33	0.42	N/A	N/A	0.16	1.12	0.28	0.79	0.41
	IAM	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	IAN	40.05	51.56	59.93	74.24	40.98	48.17	42.13	67.51	55.33
	ICA	1840.33	2305.58	2596.79	3119.33	1710.39	1830.38	3620.07	5492.67	5401.61
	IE	51.33	60.00	70.15	84.95	57.52	54.79	59.04	64.57	78.24
	IGA	47.66	55.85	18.94	28.12	16.77	205.13	75.37	49.28	68.54
	ILA	61.11	50.41	60.46	96.43	140.23	124.26	767.82	766.57	636.53
	Indican	793.25	852.58	812.98	748.09	716.77	625.26	628.00	761.69	774.80
	Indole	65.40	46.43	40.93	3119.34	2261.88	1858.78	120.84	44.07	88.24
	IPA	70.36	90.35	91.67	105.18	77.62	74.80	83.68	166.28	111.27
	IS	N/A	N/A	0.64	1.22	2.23	N/A	N/A	N/A	2.01
	KYN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	KYNA	69.05	68.54	82.16	69.80	51.74	84.35	90.31	86.83	94.73
	Melatonin	N/A	N/A	N/A	N/A	46.68	14.27	5.32	0.86	N/A
	NA	127363.74	167120.65	182975.80	220374.25	128011.33	128659.06	96189.20	162074.14	134184.89
	NAS	0.05	0.06	0.06	0.09	0.07	0.09	0.06	0.03	0.04
	Skatole	12223.86	22016.16	8198.14	15039.25	7606.35	14835.36	12562.13	13117.90	5676.95
	Trp	1095662.29	1013500.23	856296.99	996740.56	1103894.30	735904.01	1005801.47	784852.47	926529.97
	Tryptamine	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Xa	2542.51	2350.48	1981.77	2275.11	2632.90	1706.25	2286.26	1847.06	2165.05

Sample Name		BHI1	BHI2	BHI3	E1	E2	E3	Lg1	Lg2	Lg3
Final Volume (μL)		200	200	200	200	200	200	200	200	200
Metabolite Concentration (nmol/L)	3-HAA	4.94	3.39	3.77	3.32	5.34	6.41	4.89	7.83	3.89
	3-HK	1.84	3.18	1.47	1.49	1.45	2.10	2.06	1.72	3.70
	5-HIAA	3778.30	5466.51	4042.49	3041.70	2500.11	4901.38	3273.26	3963.47	1800.97
	5-HT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	5-HTOL	2.37	4.05	4.06	4.82	2.18	1.72	4.19	3.30	6.33
	5-HTP	6.11	6.41	5.44	8.11	6.16	7.69	5.65	6.41	4.17
	5-Me-IAA	0.26	0.24	0.63	1.40	1.15	0.96	9.50	14.21	10.03
	AA	255.03	315.38	388.47	413.07	238.72	267.59	255.62	411.04	338.42
	IA	7.63	8.71	8.63	11.26	9.13	8.89	8.55	11.01	9.52
	IAA	11.97	10.51	12.01	10.20	11.66	10.43	65.97	63.20	48.70
	IAA-Ala	0.11	0.14	0.20	0.30	0.48	0.29	0.12	0.16	N/A
	IAA-Asp	0.18	0.23	N/A	N/A	0.09	0.61	0.15	0.43	0.22
	IAM	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	IAN	21.85	28.12	32.69	40.49	22.35	26.28	22.98	36.82	30.18
	ICA	1003.82	1257.59	1416.43	1701.45	932.94	998.39	1974.59	2996.00	2946.33
	IE	28.00	32.73	38.27	46.34	31.37	29.89	32.20	35.22	42.67
	IGA	25.99	30.46	10.33	15.34	9.15	111.89	41.11	26.88	37.39
	ILA	33.33	27.49	32.98	52.60	76.49	67.78	418.81	418.13	347.20
	Indican	432.68	465.04	443.44	408.05	390.96	341.05	342.55	415.47	422.62
	Indole	35.67	25.33	22.33	1701.46	1233.75	1013.88	65.91	24.04	48.13
	IPA	38.38	49.28	50.00	57.37	42.34	40.80	45.65	90.70	60.69
	IS	N/A	N/A	0.35	0.66	1.22	N/A	N/A	N/A	1.10
	KYN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	KYNA	37.66	37.39	44.81	38.07	28.22	46.01	49.26	47.36	51.67
	Melatonin	N/A	N/A	N/A	N/A	25.46	7.79	2.90	0.47	N/A
	NA	69471.13	91156.72	99804.98	120204.14	69824.36	70177.67	52466.83	88404.08	73191.76
	NAS	0.03	0.03	0.03	0.05	0.04	0.05	0.03	0.01	0.02
	Skatole	6667.56	12008.82	4471.71	8203.23	4148.92	8092.02	6852.07	7155.22	3096.52
	Trp	597633.98	552818.31	467071.09	543676.67	602124.16	401402.19	548618.98	428101.35	505379.98
	Tryptamine	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Xa	1386.82	1282.08	1080.96	1240.97	1436.13	930.68	1247.05	1007.49	1180.93