



Inosine	Nucleotide/Nucleoside	POS	23378.08	15054.47	42364.8	25845.67	10922.45	10881.62	10518.74	30945.31	30209.9	17796.86	9161.84	7090.76	7520.01	23650.9	12647.82	8180.14	531.83	972.63	725.97	59511.93	67861.88	64417.56	43500.27	21049.14	32462.19	0	5021.15	0	29.35
Uracil	Nucleotide/Nucleoside	NEG	383185.7	221893	793999	902187.4	485162.7	448530.4	72923.3	294063.4	197389.9	291576.7	226425.8	199633.7	158482.3	237455.1	236690.9	230501.3	147026.5	41203.26	155030.9	972617	886035.4	1219827	1198663	575252.1	938049	6396.61	2432.83	5730.69	6117.75
Uridine	Nucleotide/Nucleoside	POS	20285.57	18149.59	33246.27	30518.66	5723.24	8217.78	5000.45	5926.71	6286.3	5988.87	3686.25	7483.68	5157.48	6510.15	5974.27	3907.18	0.01	118.82	7.62	80063.18	94019.96	103809.5	54918.71	25857.3	37947.01	0	0	0	0
Ecotine	Osmolyte	POS	264784.2	256857.9	248276.2	233206.8	312157.2	251620.1	240003.9	214713.6	248738.6	185597.2	237278.4	198424	244251.6	176480.9	192952.9	161659.5	247739.7	222092.7	151928.2	458931.2	520549.5	653291.3	775975	797177.6	472233	180066.1	232691.7	253949.9	189669.2
(CBH16N2D3)	Peptide	POS	151576.1	128902.3	240971.9	289237.9	192417.6	182483.9	204266.3	93209.37	101999.7	74402.7	163051.5	87145.68	95641.71	73079.1	70031.32	76097.26	57054.67	58388.87	79255.75	188382.2	2178719	2121215	2693786	4950854	2736149	50618.03	33499.48	331428.7	49526.26
(CBH16N2D3)2	Peptide	POS	82703.44	59596.21	96564.67	98844.77	101345.8	64280.97	63622.99	93960.77	118094.9	70086.76	120051	69643.81	67528.23	64035.35	74452.74	67841.2	64498.69	58124.68	65571.27	240568.5	226873.6	207431.7	241963	681061.8	200411.8	50014.93	44091.15	202050.6	46386.52
Acetylcarbamine	Quaternary NH4	POS	53488.37	30247.55	61352.58	44455.31	132824	116427.3	130742.8	39646.23	35062.46	35175.53	28845.33	90432.53	30611.96	34336.32	39073.28	128705.51	385125.51	29934.49	10376.34	1442478	1837451	1660050	2127274	3165266	2182013	247987	9311.3	116070.6	31120.42
Betaine	Quaternary NH4	POS	1372897	12596797	15136764	13981470	14696930	13462987	13548108	10726439	12139518	11490009	1237869	12121046	12216783	11421665	12052778	11024367	10773151	12123819	11522416	35788439	40603449	48661556	49832039	44145727	41187825	19122881	18823573	17422929	18850319
Choline Disulfate	Quaternary NH4	POS	1733423	1379850	3399794	2335394	3251880	4102807	3525631	420924.5	444495.3	487036.3	889389.3	772939.2	964499.1	837467.4	648822.5	451231.6	576837.5	763858.6	663950.8	14525817	17494934	20022384	22754298	22432681	18901704	86.94	13.79	304.43	231.59
L-Carnitine	Quaternary NH4	POS	175308.6	175397.7	316178.8	59203.4	880744.3	696221.4	944005.2	173174.2	154775.1	103640.5	299318.7	126717.4	159317.9	122611.1	123623.5	110590.8	127415.4	112846	112904.1	2051143	22843837	26257846	11869665	21745474	10118362	92021.55	67355.6	488751.2	79015.82
(Garcosine)	metabolism	POS	186160.1	126382.4	255192.6	188802.8	370507.5	175311.2	175611.8	282283.4	300842	189131.8	293972.1	158577.5	156667.3	165198.9	187477.5	126244.6	197582	135374.2	214525.6	502256.2	418773.5	487769	657595.6	1356170	158882.7	106198.1	99955.57	165875.7	104185.9
Serine	Amino acid	POS	48151.92	46072.13	46199.22	58445.64	50316.84	36572.07	37205.82	30507.11	34688.96	29745.24	147304.3	39108.16	33431.71	28708.58	33970.77	34804.67	22981.61	15862.82	96903.2	78699.63	71088.18	88784.73	88480.71	150229.3	76849.47	15857.56	15722.25	25183.37	14587.82
Asparagine	Amino acid	POS	1570.63	1559.38	4944.49	4823.55	6959.77	4197.35	7937.43	1835.82	998.27	449.22	15862.93	2268.42	315.76	1004.31	538.64	313.32	428.89	184.98	3940	175871.4	177577	150381.2	140037.4	3186439	159665.7	632.11	1061.41	1050.26	832.55
(N-Acetyllysine)	Amino acid	POS	145737.4	123371.2	246928.5	277019.6	206955	177599.1	201780.2	85074.45	88813.2	67662.9	146894.7	79971.78	88023.01	67700.46	61965.35	67630.97	50733.57	51078.3	72058.98	1883759	2199165	2155243	2708090	4990170	2757981	47983.26	29820.2	316230	45325.19