Full Run 1 – Diet

Pathway Name	Match Status	p	-log(p)	Holm p	FDR	Impact
Pyrimidine metabolism	21/41	6.4775E-134	306.68	4.6638E-132	4.6638E-132	0.64309
Arachidonic acid metabolism	33/36	5.7657E-65	147.92	4.0936E-63	2.0756E-63	0.97927
Glycerophospholipid metabolism	11/30	2.5948E-44	100.36	1.8164E-42	6.2275E-43	0.67254
Alanine, aspartate and glutamate metabolism	14/24	1.1954E-36	82.715	8.2482E-35	2.1516E-35	0.84598
Taurine and hypotaurine metabolism	5/8	4.0960E-29	65.365	2.7853E-27	5.8984E-28	0.99999
Citrate cycle (TCA cycle)	11/20	6.4445E-29	64.912	4.3178E-27	7.7334E-28	0.52411
Steroid hormone biosynthesis	32/72	1.6476E-28	63.973	1.0875E-26	1.6947E-27	0.30607
Drug metabolism - other enzymes	6/30	5.0994E-28	62.843	3.3147E-26	4.5896E-27	0.14815
Linoleic acid metabolism	4/6	1.1105E-26	59.762	7.1069E-25	8.8836E-26	1.0
Retinol metabolism	13/16	2.9041E-24	54.196	1.8295E-22	2.091E-23	1.0
Lysine degradation	6/23	6.0631E-22	48.855	3.7592E-20	3.9686E-21	0.10295
Butanoate metabolism	12/22	6.6225E-21	46.464	4.0397E-19	3.9735E-20	0.17392
Glyoxylate and dicarboxylate metabolism	10/18	1.9247E-16	36.187	1.1548E-14	1.066E-15	0.58064
Synthesis and degradation of ketone bodies	2/5	2.4009E-16	35.965	1.4166E-14	1.2348E-15	0.6
N-Glycan biosynthesis	3/36	4.8088E-16	35.271	2.7891E-14	2.3082E-15	0.01801
Arginine and proline metabolism	20/44	2.2677E-14	31.417	1.2926E-12	9.6582E-14	0.50347
Tyrosine metabolism	14/44	2.2804E-14	31.412	1.2926E-12	9.6582E-14	0.49607
Ascorbate and aldarate metabolism	7/9	5.9687E-14	30.45	3.2828E-12	2.3875E-13	0.8
Propanoate metabolism	8/20	6.6643E-14	30.339	3.5987E-12	2.5254E-13	0.0
Histidine metabolism	9/15	1.928E-13	29.277	1.0218E-11	6.9408E-13	0.46775
D-Glutamine and D-glutamate metabolism	5/5	2.09E-13	29.196	1.0868E-11	7.1656E-13	1.0
Pyruvate metabolism	9/23	7.488E-12	25.618	3.8189E-10	2.4506E-11	0.45792
alpha-Linolenic acid metabolism	3/9	3.9471E-11	23.955	1.9736E-9	1.2356E-10	1.0
beta-Alanine metabolism	8/17	1.6837E-10	22.505	8.2503E-9	5.0512E-10	0.79629
Steroid biosynthesis	7/35	4.1894E-10	21.593	2.0109E-8	1.2065E-9	0.13485
Tryptophan metabolism	9/40	8.2033E-10	20.921	3.8556E-8	2.2717E-9	0.59635
Pentose and glucuronate interconversions	13/16	3.4626E-9	19.481	1.5928E-7	9.2336E-9	0.86667
Lysine biosynthesis	4/4	7.2068E-9	18.748	3.2431E-7	1.8057E-8	0.0
Cysteine and methionine metabolism	10/27	7.2729E-9	18.739	3.2431E-7	1.8057E-8	0.3854
Biosynthesis of unsaturated fatty acids	8/42	9.0115E-9	18.525	3.8749E-7	2.1628E-8	0.0
Glycine, serine and threonine metabolism	16/31	6.4192E-8	16.561	2.6961E-6	1.4909E-7	0.74853
Riboflavin metabolism	2/11	1.3372E-7	15.828	5.4826E-6	3.0087E-7	0.16667
Sphingolipid metabolism	6/21	1.6323E-7	15.628	6.529E-6	3.5613E-7	0.43108
Amino sugar and nucleotide sugar metabolism	25/37	1.9345E-7	15.458	7.5447E-6	4.0967E-7	0.72244
Nitrogen metabolism	5/9	3.1979E-7	14.956	1.2152E-5	6.5785E-7	0.0
Valine, leucine and isoleucine degradation	11/38	1.2273E-6	13.611	4.5408E-5	2.4545E-6	0.11705
Fatty acid metabolism	1/39	8.8567E-6	11.634	3.1884E-4	1.7235E-5	0.0
Porphyrin and chlorophyll metabolism	8/27	1.0812E-5	11.435	3.7842E-4	2.0486E-5	0.29701
Fructose and mannose metabolism	12/21	1.1137E-5	11.405	3.7866E-4	2.0561E-5	0.7061
Primary bile acid biosynthesis	28/46	1.4844E-5	11.118	4.8984E-4	2.6719E-5	0.33532