Full Run 1- Age Regression

Pathway Name	Match Status	p	-log(p)	Holm p	FDR	Impact
Porphyrin and chlorophyll metabolism	8/27	2.1807E-7	15.338	1.5701E-5	1.5701E-5	0.29701
Taurine and hypotaurine metabolism	5/8	1.745E-6	13.259	1.2389E-4	6.2819E-5	0.99999
Drug metabolism - other enzymes	6/30	3.0013E-5	10.414	0.0021009	6.347E-4	0.14815
Citrate cycle (TCA cycle)	11/20	3.5261E-5	10.253	0.002433	6.347E-4	0.52411
Butanoate metabolism	12/22	4.5638E-5	9.9948	0.0031034	6.5719E-4	0.17392
Glyoxylate and dicarboxylate metabolism	10/18	7.582E-5	9.4872	0.0050799	9.0984E-4	0.58064
Pyrimidine metabolism	21/41	1.7284E-4	8.6631	0.011407	0.0015111	0.64309
Pyruvate metabolism	9/23	1.9779E-4	8.5283	0.012857	0.0015111	0.45792
Sphingolipid metabolism	6/21	2.0143E-4	8.5101	0.012891	0.0015111	0.43108
D-Glutamine and D-glutamate metabolism	5/5	2.0988E-4	8.469	0.013222	0.0015111	1.0
Purine metabolism	37/68	2.7107E-4	8.2131	0.016806	0.0017743	0.76648
Alanine, aspartate and glutamate metabolism	14/24	4.0487E-4	7.8119	0.024697	0.0022712	0.84598
Primary bile acid biosynthesis	28/46	4.1008E-4	7.7991	0.024697	0.0022712	0.33532
Glutathione metabolism	6/26	6.1633E-4	7.3917	0.036363	0.0031697	0.47328
Nitrogen metabolism	5/9	8.1624E-4	7.1108	0.047342	0.003918	0.0
beta-Alanine metabolism	8/17	0.0011935	6.7309	0.068027	0.0053706	0.79629
Steroid hormone biosynthesis	32/72	0.0014634	6.527	0.081948	0.0061977	0.30607
Histidine metabolism	9/15	0.0017148	6.3684	0.094315	0.0062754	0.46775
Synthesis and degradation of ketone bodies	2/5	0.0017504	6.3479	0.09452	0.0062754	0.6
Tryptophan metabolism	9/40	0.0018041	6.3177	0.095615	0.0062754	0.59635
Arginine and proline metabolism	20/44	0.0018303	6.3033	0.095615	0.0062754	0.50347
Phenylalanine, tyrosine and tryptophan biosynthesis	3/4	0.0019261	6.2523	0.098232	0.0063036	1.0
Glycine, serine and threonine metabolism	16/31	0.0024309	6.0195	0.12154	0.0076098	0.74853
Glycerophospholipid metabolism	11/30	0.0026672	5.9267	0.13069	0.0080017	0.67254
Phenylalanine metabolism	6/11	0.0027818	5.8847	0.13352	0.0080115	0.53704
Glycolysis or Gluconeogenesis	14/26	0.0034894	5.658	0.164	0.0096631	0.63724
Metabolism of xenobiotics by cytochrome P450	3/39	0.0040465	5.5099	0.18614	0.010791	0.0
Valine, leucine and isoleucine degradation	11/38	0.0047414	5.3514	0.21336	0.011956	0.11705
Tyrosine metabolism	14/44	0.0048975	5.319	0.21549	0.011956	0.49607
Ubiquinone and other terpenoid-quinone biosynthesis	2/3	0.0049816	5.302	0.21549	0.011956	1.0
Propanoate metabolism	8/20	0.007094	4.9485	0.29795	0.016476	0.0
Pantothenate and CoA biosynthesis	10/15	0.0079674	4.8324	0.32667	0.017927	0.61225
Aminoacyl-tRNA biosynthesis	18/69	0.0099983	4.6053	0.39993	0.021814	0.12903
Pentose and glucuronate interconversions	13/16	0.010403	4.5657	0.40572	0.02203	0.86667
Amino sugar and nucleotide sugar metabolism	25/37	0.010742	4.5336	0.40821	0.022099	0.72244
Terpenoid backbone biosynthesis	1/15	0.012701	4.3661	0.46995	0.025403	0.18817
Nicotinate and nicotinamide metabolism	3/13	0.013673	4.2923	0.49223	0.026607	0.44643
Cysteine and methionine metabolism	10/27	0.01529	4.1806	0.53515	0.028971	0.3854
Linoleic acid metabolism	4/6	0.018287	4.0016	0.62176	0.033761	1.0
Valine, leucine and isoleucine biosynthesis	7/11	0.023354	3.757	0.77069	0.042038	0.99999