

Full Run 1- Age Regression

| Pathway Name | Match Status | p | -log(p) | Holm p | FDR | Impact |
|---|--------------|-----------|---------|-----------|-----------|---------|
| Prophyrin 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 |

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 |

Full Run 2 – Age

| Pathway Name | Match Status | p | -log(p) | Holm p | FDR | Impact |
|---|--------------|-----------|---------|-----------|-----------|---------|
| GPI-anchor biosynthesis | 2/14 | 1.8465E-7 | 15.505 | 1.3849E-5 | 1.3849E-5 | 0.0439 |
| Inositol phosphate metabolism | 18/28 | 6.859E-7 | 14.193 | 5.0756E-5 | 1.863E-5 | 0.71953 |
| Terpenoid backbone biosynthesis | 8/15 | 7.4518E-7 | 14.11 | 5.4398E-5 | 1.863E-5 | 0.72311 |
| N-Glycan biosynthesis | 3/36 | 1.2773E-6 | 13.571 | 9.1968E-5 | 2.395E-5 | 0.0924 |
| Drug metabolism - other enzymes | 17/30 | 2.8666E-6 | 12.762 | 2.0353E-4 | 4.2999E-5 | 0.48678 |
| Pentose phosphate pathway | 15/19 | 4.4171E-6 | 12.33 | 3.092E-4 | 5.5214E-5 | 0.59835 |
| Glycolysis or Gluconeogenesis | 17/26 | 5.9932E-6 | 12.025 | 4.1353E-4 | 6.4213E-5 | 0.74839 |
| Fructose and mannose metabolism | 14/21 | 1.1056E-5 | 11.413 | 7.518E-4 | 1.0365E-4 | 0.74861 |
| Valine, leucine and isoleucine degradation | 18/38 | 1.562E-5 | 11.067 | 0.0010465 | 1.3017E-4 | 0.42917 |
| Cysteine and methionine metabolism | 19/27 | 3.5382E-5 | 10.249 | 0.0023352 | 2.4098E-4 | 0.63993 |
| Amino sugar and nucleotide sugar metabolism | 29/37 | 3.9914E-5 | 10.129 | 0.0025944 | 2.4098E-4 | 0.73794 |
| Pyruvate metabolism | 12/23 | 4.0889E-5 | 10.105 | 0.0026169 | 2.4098E-4 | 0.6725 |
| Glycerolipid metabolism | 8/18 | 4.177E-5 | 10.083 | 0.0026315 | 2.4098E-4 | 0.53753 |
| Synthesis and degradation of ketone bodies | 3/5 | 5.7156E-5 | 9.7697 | 0.0035437 | 3.0619E-4 | 0.6 |
| Vitamin B6 metabolism | 8/9 | 9.5258E-5 | 9.2589 | 0.0058107 | 4.7629E-4 | 1.0 |
| Tryptophan metabolism | 30/40 | 1.2187E-4 | 9.0126 | 0.0073122 | 5.7126E-4 | 0.93713 |
| Lysine degradation | 11/23 | 1.3924E-4 | 8.8793 | 0.0082151 | 5.7969E-4 | 0.29413 |
| Sphingolipid metabolism | 14/21 | 1.4637E-4 | 8.8293 | 0.0084897 | 5.7969E-4 | 0.82708 |
| Galactose metabolism | 23/26 | 1.4685E-4 | 8.8261 | 0.0084897 | 5.7969E-4 | 0.94322 |
| Histidine metabolism | 12/15 | 2.3382E-4 | 8.3609 | 0.013094 | 8.1756E-4 | 0.61291 |
| beta-Alanine metabolism | 9/17 | 2.3829E-4 | 8.342 | 0.013106 | 8.1756E-4 | 0.79629 |
| Glyoxylate and dicarboxylate metabolism | 15/18 | 2.3982E-4 | 8.3356 | 0.013106 | 8.1756E-4 | 0.67742 |
| Starch and sucrose metabolism | 16/19 | 3.1076E-4 | 8.0765 | 0.016471 | 9.5284E-4 | 0.78464 |
| Biotin metabolism | 3/5 | 3.3078E-4 | 8.0141 | 0.0172 | 9.5284E-4 | 0.7 |
| Valine, leucine and isoleucine biosynthesis | 6/11 | 3.332E-4 | 8.0068 | 0.0172 | 9.5284E-4 | 0.99999 |
| Purine metabolism | 47/68 | 3.528E-4 | 7.9496 | 0.01764 | 9.5284E-4 | 0.81356 |
| Drug metabolism - cytochrome P450 | 29/56 | 3.5481E-4 | 7.9439 | 0.01764 | 9.5284E-4 | 0.52144 |
| Glycine, serine and threonine metabolism | 20/31 | 3.5573E-4 | 7.9413 | 0.01764 | 9.5284E-4 | 0.85531 |
| Pyrimidine metabolism | 33/41 | 4.4007E-4 | 7.7286 | 0.020683 | 0.0011381 | 0.93805 |
| Tyrosine metabolism | 30/44 | 5.3169E-4 | 7.5395 | 0.024458 | 0.0012885 | 0.81085 |
| Glutathione metabolism | 13/26 | 5.3257E-4 | 7.5378 | 0.024458 | 0.0012885 | 0.68128 |
| Propanoate metabolism | 9/20 | 6.7815E-4 | 7.2961 | 0.029839 | 0.0015382 | 0.00862 |
| Nicotinate and nicotinamide metabolism | 11/13 | 6.8625E-4 | 7.2843 | 0.029839 | 0.0015382 | 0.79168 |
| Ubiquinone and other terpenoid-quinone biosynthesis | 2/3 | 6.9733E-4 | 7.2683 | 0.029839 | 0.0015382 | 1.0 |
| Selenoamino acid metabolism | 9/15 | 7.2642E-4 | 7.2274 | 0.029839 | 0.0015472 | 0.74312 |
| Limonene and pinene degradation | 2/8 | 7.4265E-4 | 7.2053 | 0.029839 | 0.0015472 | 0.0 |
| Alanine, aspartate and glutamate metabolism | 19/24 | 8.4061E-4 | 7.0814 | 0.032784 | 0.0017039 | 0.89028 |
| Nitrogen metabolism | 6/9 | 9.2074E-4 | 6.9903 | 0.034988 | 0.0018173 | 0.0 |
| Fatty acid elongation in mitochondria | 6/27 | 9.866E-4 | 6.9212 | 0.036504 | 0.0018973 | 0.33809 |
| Cyanoamino acid metabolism | 5/6 | 0.0011071 | 6.806 | 0.039857 | 0.0020759 | 0.0 |

Full Run 2 – Diet

| Pathway Name | Match | p | -log(p) | Holm p | FDR | Impact |
|---|-------|------------|---------|------------|-----------|---------|
| Pyrimidine metabolism | 29/41 | 1.2428E-65 | 149.45 | 9.3219E-64 | 9.321E-64 | 0.90609 |
| Biotin metabolism | 2/5 | 3.1362E-59 | 134.71 | 2.3208E-57 | 1.176E-57 | 0.4 |
| Drug metabolism - other enzymes | 11/30 | 7.9414E-47 | 106.15 | 5.7972E-45 | 1.985E-45 | 0.3598 |
| Glycerophospholipid metabolism | 16/30 | 4.931E-42 | 95.113 | 3.5503E-40 | 9.245E-41 | 0.72038 |
| Cyanoamino acid metabolism | 5/6 | 1.0407E-20 | 46.012 | 7.3893E-19 | 1.561E-19 | 0.0 |
| Citrate cycle (TCA cycle) | 13/20 | 1.4148E-20 | 45.705 | 9.9039E-19 | 1.768E-19 | 0.62406 |
| Alanine, aspartate and glutamate metabolism | 17/24 | 7.5775E-20 | 44.027 | 5.2285E-18 | 8.118E-19 | 0.89028 |
| Steroid biosynthesis | 3/35 | 2.3150E-19 | 42.91 | 1.5742E-17 | 2.170E-18 | 0.04149 |
| Butanoate metabolism | 12/22 | 1.4436E-17 | 38.777 | 9.672E-16 | 1.203E-16 | 0.15943 |
| Porphyrin and chlorophyll metabolism | 7/27 | 6.8479E-14 | 30.312 | 4.5196E-12 | 5.135E-13 | 0.25681 |
| Propanoate metabolism | 9/20 | 8.2667E-12 | 25.519 | 5.3734E-10 | 5.636E-11 | 0.00862 |
| Cysteine and methionine metabolism | 17/27 | 3.7825E-11 | 23.998 | 2.4208E-9 | 2.364E-10 | 0.63993 |
| Pyruvate metabolism | 11/23 | 8.0716E-11 | 23.24 | 5.0851E-9 | 4.656E-10 | 0.6725 |
| beta-Alanine metabolism | 9/17 | 1.0597E-9 | 20.665 | 6.5701E-8 | 5.677E-9 | 0.79629 |
| Taurine and hypotaurine metabolism | 6/8 | 2.3689E-9 | 19.861 | 1.445E-7 | 1.1844E-8 | 0.99999 |
| D-Glutamine and D-glutamate metabolism | 5/5 | 1.6267E-8 | 17.934 | 9.7602E-7 | 7.6252E-8 | 1.0 |
| Glyoxylate and dicarboxylate metabolism | 14/18 | 2.2491E-8 | 17.61 | 1.327E-6 | 9.9226E-8 | 0.67742 |
| Arginine and proline metabolism | 30/44 | 3.6782E-8 | 17.118 | 2.1333E-6 | 1.4921E-7 | 0.66866 |
| Pentose and glucuronate interconversions | 14/16 | 3.7801E-8 | 17.091 | 2.1547E-6 | 1.4921E-7 | 0.73333 |
| Nitrogen metabolism | 5/9 | 4.2567E-8 | 16.972 | 2.3837E-6 | 1.5963E-7 | 0.0 |
| Sphingolipid metabolism | 6/21 | 6.2538E-8 | 16.587 | 3.4396E-6 | 2.2335E-7 | 0.49123 |
| Drug metabolism - cytochrome P450 | 21/56 | 1.0341E-7 | 16.085 | 5.5843E-6 | 3.5255E-7 | 0.42144 |
| Selenoamino acid metabolism | 7/15 | 1.2038E-7 | 15.933 | 6.3799E-6 | 3.9253E-7 | 0.55046 |
| Methane metabolism | 4/9 | 1.9166E-7 | 15.468 | 9.9661E-6 | 5.9892E-7 | 0.4 |
| Biosynthesis of unsaturated fatty acids | 10/42 | 2.4266E-7 | 15.232 | 1.2375E-5 | 7.2797E-7 | 0.0 |
| Histidine metabolism | 11/15 | 4.1432E-7 | 14.697 | 2.0716E-5 | 1.1952E-6 | 0.61291 |
| Fatty acid biosynthesis | 6/43 | 4.7217E-7 | 14.566 | 2.3137E-5 | 1.3116E-6 | 0.02598 |
| Purine metabolism | 44/68 | 5.4531E-7 | 14.422 | 2.6175E-5 | 1.4607E-6 | 0.786 |
| Fructose and mannose metabolism | 14/21 | 6.1089E-7 | 14.308 | 2.8712E-5 | 1.5799E-6 | 0.74861 |
| Lysine degradation | 9/23 | 7.3856E-7 | 14.119 | 3.3974E-5 | 1.8464E-6 | 0.10295 |
| Retinol metabolism | 4/16 | 1.8995E-6 | 13.174 | 8.5477E-5 | 4.5955E-6 | 0.52096 |
| Pentose phosphate pathway | 13/19 | 2.2625E-6 | 12.999 | 9.9552E-5 | 5.3028E-6 | 0.53153 |
| Glycine, serine and threonine metabolism | 19/31 | 2.5021E-6 | 12.898 | 1.0759E-4 | 5.6867E-6 | 0.80883 |
| Synthesis and degradation of ketone bodies | 3/5 | 3.0321E-6 | 12.706 | 1.2735E-4 | 6.6884E-6 | 0.6 |
| Ubiquinone and other terpenoid-quinone biosynthesis | 1/3 | 4.5251E-6 | 12.306 | 1.8553E-4 | 9.6966E-6 | 0.0 |
| Tryptophan metabolism | 22/40 | 8.0554E-6 | 11.729 | 3.2222E-4 | 1.6782E-5 | 0.68088 |
| Glutathione metabolism | 9/26 | 8.6943E-6 | 11.653 | 3.3908E-4 | 1.7624E-5 | 0.67079 |
| Glycolysis or Gluconeogenesis | 16/26 | 1.3438E-5 | 11.217 | 5.1064E-4 | 2.6522E-5 | 0.6445 |
| Amino sugar and nucleotide sugar metabolism | 28/37 | 1.5671E-5 | 11.064 | 5.7983E-4 | 3.0136E-5 | 0.72038 |
| Valine, leucine and isoleucine degradation | 15/38 | 1.9582E-5 | 10.841 | 7.0497E-4 | 3.6717E-5 | 0.27135 |