

## caecal\_day4\_bic vs caecal\_day4\_wt, up:323

Gene to KEGG test for over-representation

KEGGID	Pvalue	OddsRatio	ExpCount	Count	Size	Term	Description
00980	8.5e-08	9.4	1.75	12	57	Metabolism of xenobiotics by cytochrome P450	<a href="#">Metabolism of xenobiotics by cytochrome P450</a>
00071	1.4e-06	10.6	1.17	9	38	Fatty acid metabolism	<a href="#">Fatty acid metabolism</a>
00150	1.5e-04	7.3	1.20	7	39	Androgen and estrogen metabolism	<a href="#">Androgen and estrogen metabolism</a>
00280	9.1e-04	6.2	1.17	6	38	Valine, leucine and isoleucine degradation	<a href="#">Valine, leucine and isoleucine degradation</a>
00040	1.5e-03	10.0	0.52	4	17	Pentose and glucuronate interconversions	<a href="#">Pentose and glucuronate interconversions</a>
00010	2.5e-03	5.0	1.42	6	46	Glycolysis / Gluconeogenesis	<a href="#">Glycolysis / Gluconeogenesis</a>
00410	2.8e-03	8.2	0.62	4	20	beta-Alanine metabolism	<a href="#">beta-Alanine metabolism</a>
00360	3.4e-03	7.7	0.65	4	21	Phenylalanine metabolism	<a href="#">Phenylalanine metabolism</a>
00220	4.8e-03	6.9	0.71	4	23	Urea cycle and metabolism of amino groups	<a href="#">Urea cycle and metabolism of amino groups</a>
00640	6.5e-03	6.2	0.77	4	25	Propanoate metabolism	<a href="#">Propanoate metabolism</a>
00350	8.6e-03	4.4	1.29	5	42	Tyrosine metabolism	<a href="#">Tyrosine metabolism</a>
00650	9.5e-03	4.3	1.32	5	43	Butanoate metabolism	<a href="#">Butanoate metabolism</a>
00120	1.3e-02	5.0	0.92	4	30	Bile acid biosynthesis	<a href="#">Bile acid biosynthesis</a>
00860	1.4e-02	4.8	0.95	4	31	Porphyrin and chlorophyll metabolism	<a href="#">Porphyrin and chlorophyll metabolism</a>
00340	1.7e-02	4.5	1.02	4	33	Histidine metabolism	<a href="#">Histidine metabolism</a>
00680	1.8e-02	12.8	0.22	2	7	Methane metabolism	<a href="#">Methane metabolism</a>
00590	1.9e-02	3.5	1.57	5	51	Arachidonic acid metabolism	<a href="#">Arachidonic acid metabolism</a>
00480	2.1e-02	4.2	1.08	4	35	Glutathione metabolism	<a href="#">Glutathione metabolism</a>
00140	2.3e-02	10.7	0.25	2	8	C21-Steroid hormone metabolism	<a href="#">C21-Steroid hormone metabolism</a>
00920	2.3e-02	10.7	0.25	2	8	Sulfur metabolism	<a href="#">Sulfur metabolism</a>
00641	2.9e-02	9.2	0.28	2	9	3-Chloroacrylic acid degradation	<a href="#">3-Chloroacrylic acid degradation</a>
03320	3.4e-02	3.0	1.82	5	59	PPAR signaling pathway	<a href="#">PPAR signaling pathway</a>
00720	4.3e-02	7.1	0.34	2	11	Reductive carboxylate cycle (CO2 fixation)	<a href="#">Reductive carboxylate cycle (CO2 fixation)</a>