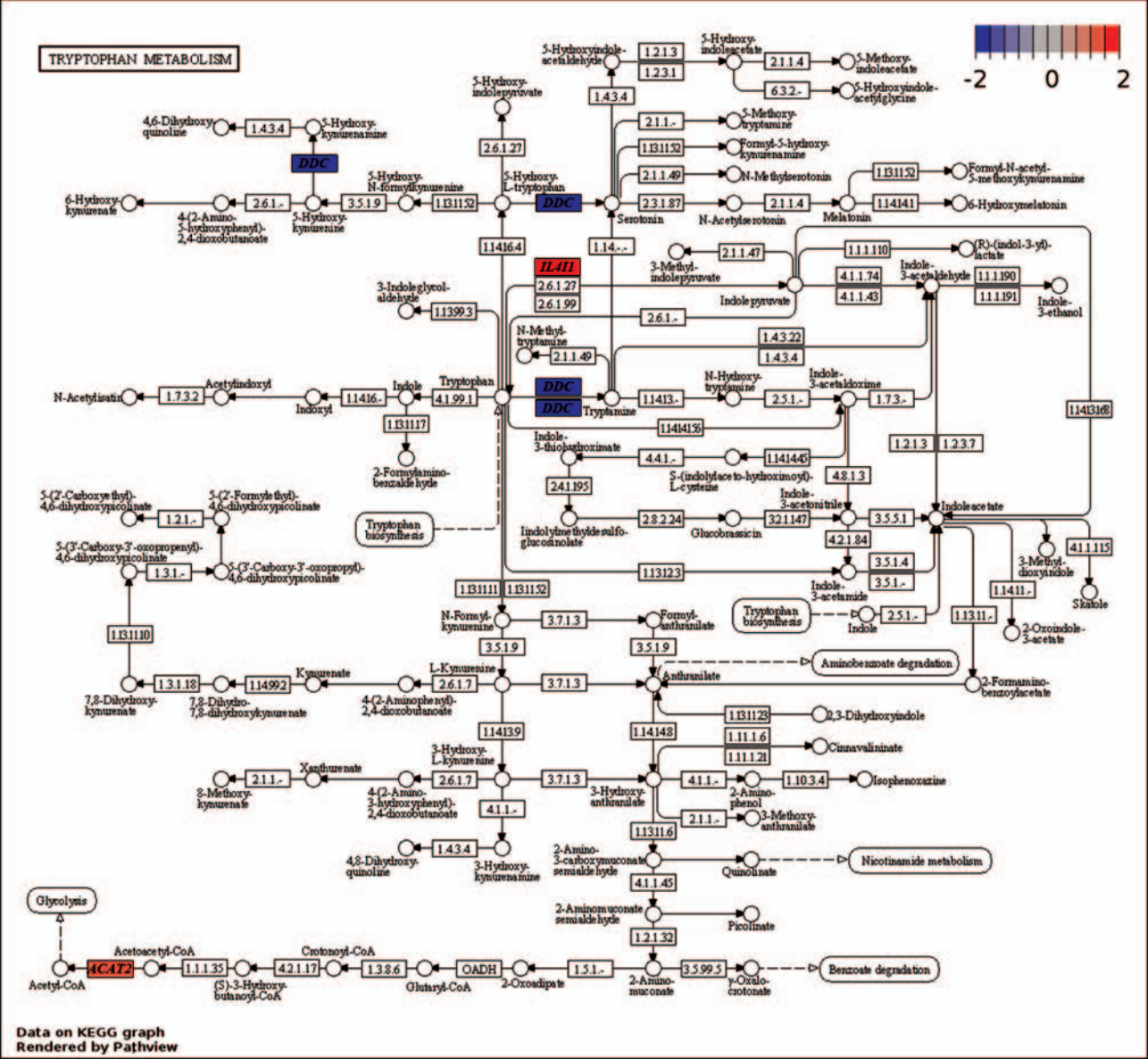
TRYPTOPHAN METABOLISM
-2
0
2
5-Hydroxyindole-acetaldehyde
1.2.1.3
1.2.3.1
5-Hydroxy-indoleacetate
2.1.1.4
5-Methoxy-indoleacetate
6.3.2.-
5-Hydroxyindole-acetylglycine
1.4.3.4
5-Hydroxy-indolepyruvate
2.6.1.27
4,6-Dihydroxy-quinoline
1.4.3.4
5-Hydroxy-kynurenamine
DDC
2.1.1.-
5-Methoxy-tryptamine
1.13.11.52
Formyl-5-hydroxy-kynurenamine
2.1.1.49
N-Methylserotonin
1.13.11.52
Formyl-N-acetyl-5-methoxykynurenamine
6-Hydroxy-kynurenate
2.6.1.-
4-(2-Amino-5-hydroxyphenyl)-2,4-dioxobutanoate
3.5.1.9
5-Hydroxy-N-formylkynurenine
1.13.11.52
5-Hydroxy-L-tryptophan
DDC
Serotonin
2.3.1.87
N-Acetylserotonin
2.1.1.4
Melatonin
1.14.14.1
6-Hydroxymelatonin
1.14.16.4
1.14.-.-
IL4I1
2.1.1.47
3-Methyl-indolepyruvate
1.1.1.110
(R)-(indol-3-yl)-lactate
4.1.1.74
4.1.1.43
Indole-3-acetaldehyde
1.1.1.190
1.1.1.191
Indole-3-ethanol
Indole pyruvate
2.6.1.27
2.6.1.99
2.6.1.-
3-Indoleglycol-aldehyde
1.13.99.3
N-Methyl-tryptamine
2.1.1.49
1.4.3.22
1.4.3.4
N-Acetylisatin
1.7.3.2
Acetylindoxyl
Indoxyl
1.14.16.-
Indole
Tryptophan
4.1.99.1
DDC
DDC
Tryptamine
1.14.13.-
N-Hydroxy-tryptamine
2.5.1.-
Indole-3-acetaldoxime
1.7.3.-
1.14.13.68
1.14.14.19
1.13.11.17
2-Formylamino-benzaldehyde
Indole-3-thiohydroximate
4.4.1.-
1.14.14.45
S-(indolylacetohydroximoyl)-L-cysteine
4.8.1.3
1.2.1.3
1.2.3.7
5-(2'-Carboxyethyl)-4,6-dihydroxypicolinate
1.2.1.-
5-(2'-Formylethyl)-4,6-dihydroxypicolinate
Tryptophan biosynthesis
Indolylmethylsulfoglucosinolate
2.4.1.195
2.8.2.24
Glucobrassicin
3.2.1.147
Indole-3-acetonitrile
3.5.5.1
Indoleacetate
4.2.1.84
5-(3'-Carboxy-3'-oxopropenyl)-4,6-dihydroxypicolinate
1.3.1.-
5-(3'-Carboxy-3'-oxopropyl)-4,6-dihydroxypicolinate
1.13.12.3
3.5.1.4
3.5.1.-
Indole-3-acetamide
4.1.1.115
3-Methyl-dioxyindole
1.14.11.-
Skatole
1.13.11.11.
2-Oxoindole-3-acetate
1.13.11.11
1.13.11.52
Tryptophan biosynthesis
2.5.1.-
Indole
N-Formyl-kynurenine
3.7.1.3
Formyl-anthranilate
1.13.11.10
3.5.1.9
3.5.1.9
Aminobenzoate degradation
2-Formamino-benzoylacetate
1.3.1.18
1.14.99.2
Kynurenate
7,8-Dihydroxy-kynurenate
7,8-Dihydro-7,8-dihydroxykynurenate
L-Kynurenine
2.6.1.7
3.7.1.3
Anthranilate
4-(2-Aminophenyl)-2,4-dioxobutanoate
1.14.13.9
1.14.14.8
1.13.11.23
2,3-Dihydroxyindole
1.11.1.6
1.11.1.21
Cinnavalininate
3-Hydroxy-L-kynurenine
2.1.1.-
Xanthurenate
8-Methoxy-kynurenate
2.6.1.7
4-(2-Amino-3-hydroxyphenyl)-2,4-dioxobutanoate
3.7.1.3
3-Hydroxy-anthranilate
4.1.1.-
1.10.3.4
Isophenoxazine
2-Amino-phenol
2.1.1.-
3-Methoxy-anthranilate
4.1.1.-
1.13.11.6
1.4.3.4
4,8-Dihydroxy-quinoline
3-Hydroxy-kynurenamine
2-Amino-3-carboxymuconate semialdehyde
Quinolinate
Nicotinamide metabolism
4.1.1.45
2-Aminomuconate semialdehyde
Picolinate
1.2.1.32
Glycolysis
Acetoacetyl-CoA
ACAT2
1.1.1.35
(S)-3-Hydroxybutanoyl-CoA
Crotonoyl-CoA
4.2.1.17
1.3.8.6
Glutaryl-CoA
OADH
2-Oxoadipate
1.5.1.-
2-Aminomuconate
3.5.99.5
γ-Oxalocrotonate
Benzoate degradation
Acetyl-CoA
Data on KEGG graph
Rendered by Pathview