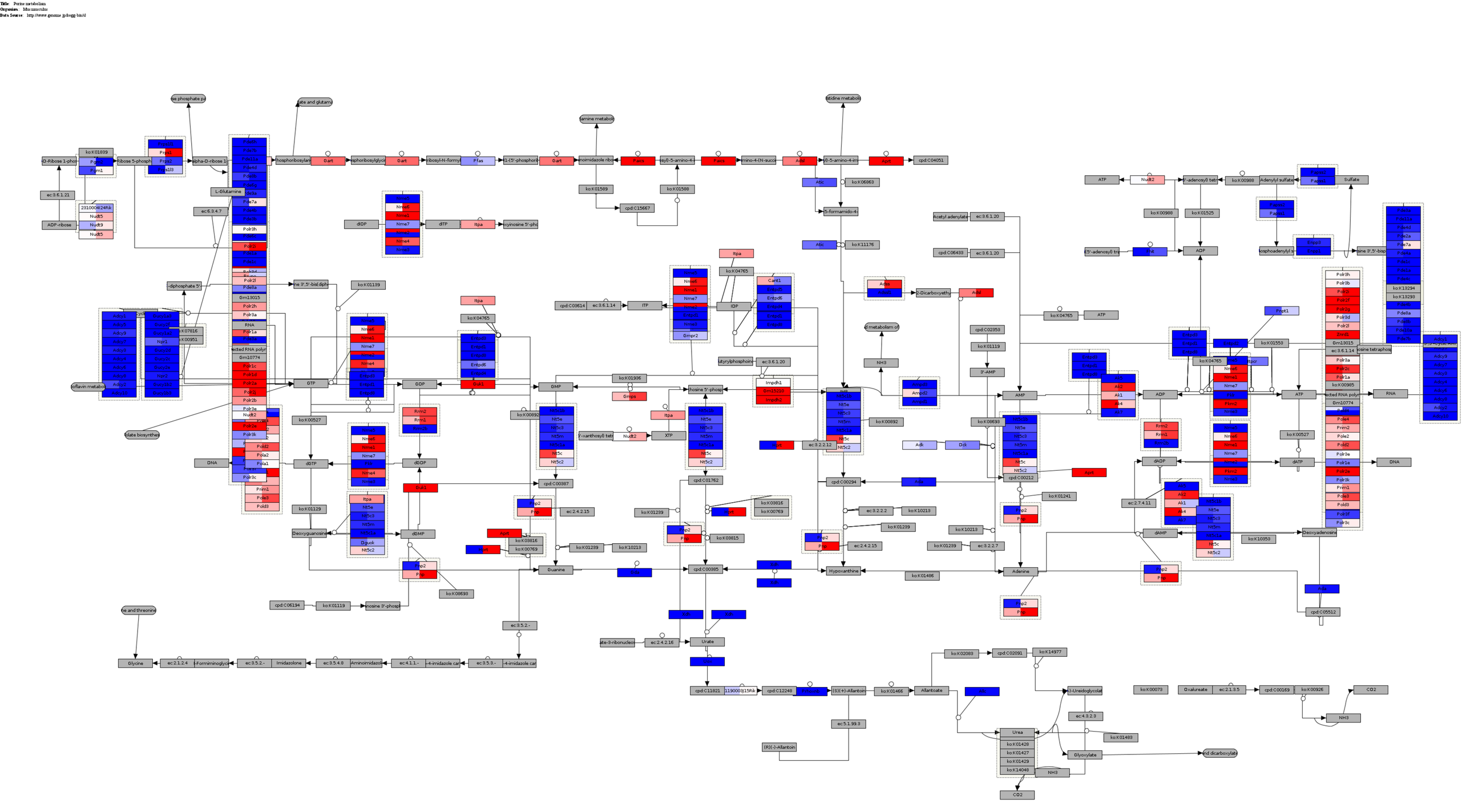
Title: Purine metabolism
Organism: Mus musculus
Data Source: http://www.genome.jp/kegg-bin/d
ko:K01839
Pgm2
Pgm1
ec:3.6.1.21
ADP-ribose
2310004I24Rik
Nudt5
Nudt9
Nudt5
Prps1l3
Prps1
Prps2
Prps1l1
alpha-D-ribose 1-
Pde8b
Pde7b
Pde11a
Pde4d
Pde8b
Pde6g
Pde3a
Pde7a
Pde4b
Pde3b
Pde9c
Pde8a
Pde1c
Pde4a
Pde1b
Pde1a
Pde4c
Pde7b
L-Glutamine
ec:6.3.4.7
Gart
Ppat
Pfas
Paics
Paics
Adsl
Aprt
cpd:C04051
ko:K01589
ko:K01588
cpd:C15667
Atic
ko:K06863
5-formamido-4-
Atic
ko:K11176
Adss
Adsl1
-Dicarboxyethy
Adsl
ko:K01939
GTP
GDP
GMP
ko:K01936
Gmps
ko:K00852
Nt5c1b
Nt5e
Nt5c3
Nt5m
Nt5c1a
Nt5c
Nt5c2
cpd:C00387
ko:K00527
Rrm2
Rrm1
Rrm2b
dGTP
dGDP
dGMP
Guanine
ko:K01129
Deoxyguanosine
ko:K08693
cpd:C06194
ko:K01119
hosine 3'-phospl
Dguok
Entpd3
Entpd1
Entpd8
Entpd6
Entpd4
Guk1
Nme5
Nme6
Nme1
Nme7
Nme2
Nme4
Nme3
dTDP
dTTP
Itpa
xyinosine 5'-pho
ITP
IDP
Gmpr2
Cant1
Entpd5
Entpd6
Entpd4
Entpd1
Entpd8
cpd:C03614
ec:3.6.1.14
Itpa
ko:K04765
Impdh1
Gm15230
Impdh2
Xdh
Xdh
Hypoxanthine
ko:K01486
Aprt
ko:K03816
ko:K00769
ko:K03815
Ada
cpd:C00385
cpd:C01762
ko:K01239
Pnp2
Pnp
ec:2.4.2.15
ko:K10213
ko:K08892
Nt5c1b
Nt5e
Nt5c3
Nt5m
Nt5c1a
Nt5c
Nt5c2
cpd:C00294
ko:K08693
Adk
Dck
AMP
ADP
ATP
ko:K04765
ko:K01241
ko:K01239
ec:3.2.2.7
Adenine
ec:3.2.2.2
ko:K10218
ko:K01239
ec:3.2.2.12
Ak5
Ak2
Ak1
Ak4
Ak7
Nme5
Nme6
Nme1
Nme7
Pklr
Pfkm2
Nme3
Prps1l3
Prps1
Prps2
Prps1l1
Rrm2
Rrm1
Rrm2b
dADP
dATP
ec:2.7.4.11
Ada
Deoxyadenosine
ko:K10353
cpd:C05512
Pde3a
Pde11a
Pde4d
Pde2a
Pde7a
Pde4a
Pde1c
Pde1a
Pde4c
ko:K13294
ko:K13293
Pde4b
Pde8a
Pde8b
Pde10a
Pde7b
Polr3h
Polr3b
Polr2i
Polr2f
Polr2g
Polr3d
Polr2l
Znrd1
Gm13015
ec:3.6.1.14
Polr3a
Polr2c
Polr1a
ko:K00985
Gm10774
Pold4
Pole4
Prim2
Pole2
Pold2
Polr3e
Polr1e
Polr2a
Polr3k
Prim1
Pole3
Pold3
Polr3f
Polr3c
RNA
DNA
Pnpt1
ko:K01553
ko:K00527
Ppcr
Ppcdc
Ppat
Gart
Paics
Adsl
Atic
Atic
ko:K06863
ko:K11176
5-formamido-4-
Aprt
cpd:C04051
Acetyl adenylate
ec:3.6.1.20
cpd:C06433
ec:3.6.1.20
ATP
Nudt2
(5'-adenosyl) tetr
ko:K00988
Adenylyl sulfate
Sulfate
Paoss2
Paoss1
(5'-adenosyl) tri
Phit
ADP
Enpp3
Enpp1
hosphoadenylyl s
ine 3',5'-bisp
ko:K01525
ko:K00988
ko:K00988
ko:K01525
ko:K04765
ATP
cpd:C02359
ko:K01119
3'-AMP
ec:3.6.1.20
Utp
NH3
d metabolism of
utyrylphosphoin
ec:3.6.1.20
Ampd3
Ampd2
Ampd1
-Dicarboxyethy
Adsl
ko:K01939
ko:K01939
ko:K01119
ko:K00852
ko:K01936
Gmps
ko:K00892
ko:K08693
Adk
Dck
ko:K01241
ko:K01239
ec:3.2.2.7
ko:K10213
ko:K01486
ko:K03816
ko:K00769
ko:K03815
ko:K01239
ko:K10213
ko:K01239
ec:3.2.2.2
ko:K10213
ko:K01239
ec:2.4.2.15
ko:K01239
ko:K10213
ko:K08693
ec:2.7.4.11
ko:K10353
ko:K00527
ko:K01553
ko:K04765
ko:K04765
ATP
ko:K00985
ko:K00985
ko:K00985