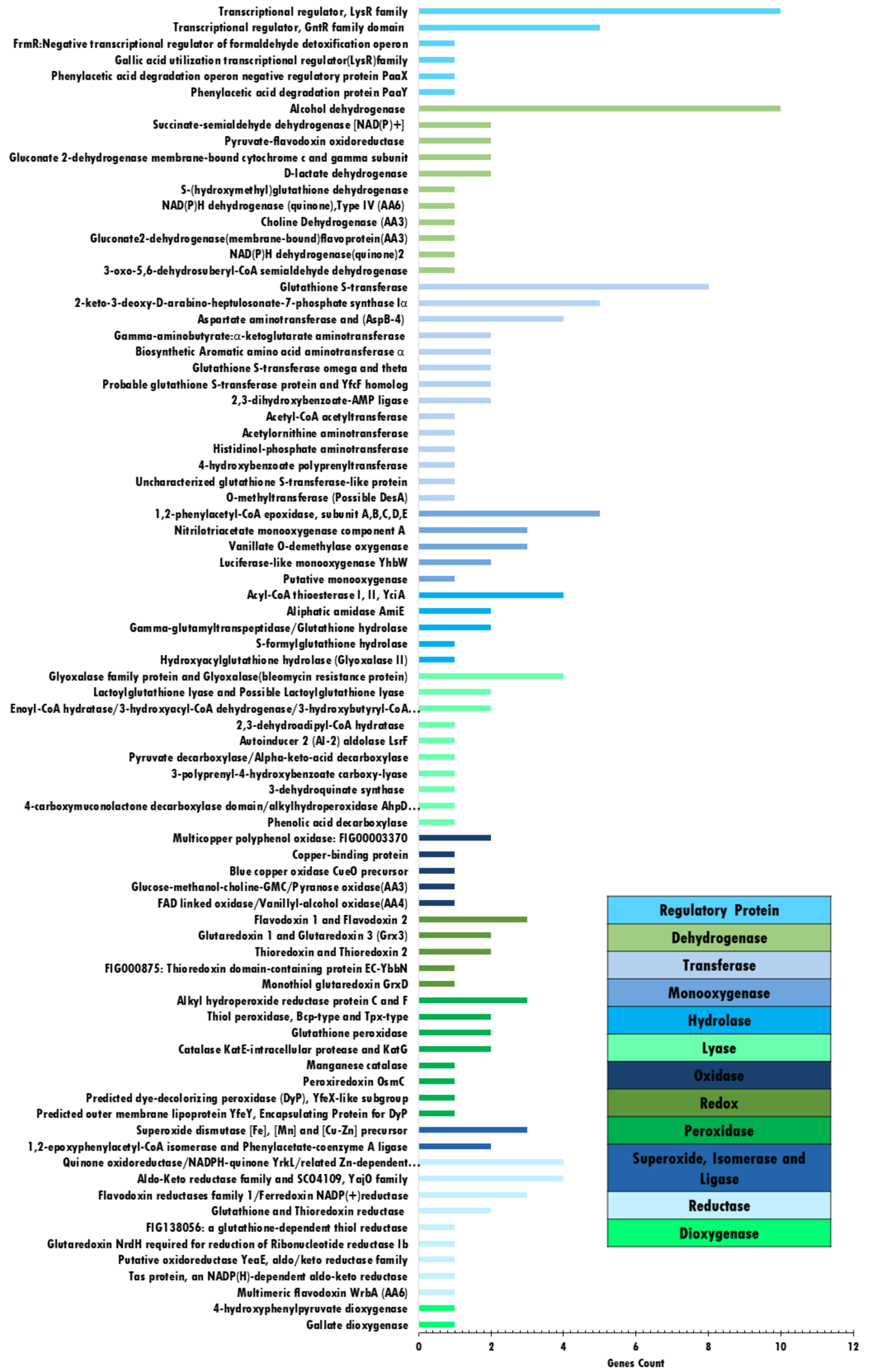
Transcriptional regulator, LysR family
Transcriptional regulator, GntR family domain
FrmR:Negative transcriptional regulator of formaldehyde detoxification operon
Gallic acid utilization transcriptional regulator(LysR)family
Phenylacetic acid degradation operon negative regulatory protein PaaX
Phenylacetic acid degradation protein PaaY
Alcohol dehydrogenase
Succinate-semialdehyde dehydrogenase [NAD(P)+]
Pyruvate-flavodoxin oxidoreductase
Gluconate 2-dehydrogenase membrane-bound cytochrome c and gamma subunit
D-lactate dehydrogenase
S-(hydroxymethyl)glutathione dehydrogenase
NAD(P)H dehydrogenase (quinone),Type IV (AA6)
Choline Dehydrogenase (AA3)
Gluconate2-dehydrogenase(membrane-bound)flavoprotein(AA3)
NAD(P)H dehydrogenase(quinone)2
3-oxo-5,6-dehydrosuberyl-CoA semialdehyde dehydrogenase
Glutathione S-transferase
2-keto-3-deoxy-D-arabino-heptulosonate-7-phosphate synthase Iα
Aspartate aminotransferase and (AspB-4)
Gamma-aminobutyrate:α-ketoglutarate aminotransferase
Biosynthetic Aromatic amino acid aminotransferase α
Glutathione S-transferase omega and theta
Probable glutathione S-transferase protein and YfcF homolog
2,3-dihydroxybenzoate-AMP ligase
Acetyl-CoA acetyltransferase
Acetylornithine aminotransferase
Histidinol-phosphate aminotransferase
4-hydroxybenzoate polyprenyltransferase
Uncharacterized glutathione S-transferase-like protein
O-methyltransferase (Possible DesA)
1,2-phenylacetyl-CoA epoxidase, subunit A,B,C,D,E
Nitrilotriacetate monooxygenase component A
Vanillate O-demethylase oxygenase
Luciferase-like monooxygenase YhbW
Putative monooxygenase
Acyl-CoA thioesterase I, II, YciA
Aliphatic amidase AmiE
Gamma-glutamyltranspeptidase/Glutathione hydrolase
S-formylglutathione hydrolase
Hydroxyacylglutathione hydrolase (Glyoxalase II)
Glyoxalase family protein and Glyoxalase(bleomycin resistance protein)
Lactoylglutathione lyase and Possible Lactoylglutathione lyase
Enoyl-CoA hydratase/3-hydroxyacyl-CoA dehydrogenase/3-hydroxybutyryl-CoA...
2,3-dehydroadipyl-CoA hydratase
Autoinducer 2 (AI-2) aldolase LsrF
Pyruvate decarboxylase/Alpha-keto-acid decarboxylase
3-polyprenyl-4-hydroxybenzoate carboxy-lyase
3-dehydroquinate synthase
4-carboxymuconolactone decarboxylase domain/alkylhydroperoxidase AhpD...
Phenolic acid decarboxylase
Multicopper polyphenol oxidase: FIG00003370
Copper-binding protein
Blue copper oxidase CueO precursor
Glucose-methanol-choline-GMC/Pyranose oxidase(AA3)
FAD linked oxidase/Vanillyl-alcohol oxidase(AA4)
Flavodoxin 1 and Flavodoxin 2
Glutaredoxin 1 and Glutaredoxin 3 (Grx3)
Thioredoxin and Thioredoxin 2
FIG000875: Thioredoxin domain-containing protein EC-YbbN
Monothiol glutaredoxin GrxD
Alkyl hydroperoxide reductase protein C and F
Thiol peroxidase, Bcp-type and Tpx-type
Glutathione peroxidase
Catalase KatE-intracellular protease and KatG
Manganese catalase
Peroxiredoxin OsmC
Predicted dye-decolorizing peroxidase (DyP), YfeX-like subgroup
Predicted outer membrane lipoprotein YfeY, Encapsulating Protein for DyP
Superoxide dismutase [Fe], [Mn] and [Cu-Zn] precursor
1,2-epoxyphenylacetyl-CoA isomerase and Phenylacetate-coenzyme A ligase
Quinone oxidoreductase/NADPH-quinone YrkL/related Zn-dependent...
Aldo-Keto reductase family and SCO4109, YajO family
Flavodoxin reductases family 1/Ferredoxin NADP(+)reductase
Glutathione and Thioredoxin reductase
FIG138056: a glutathione-dependent thiol reductase
Glutaredoxin NrdH required for reduction of Ribonucleotide reductase Ib
Putative oxidoreductase YeaE, aldo/keto reductase family
Tas protein, an NADP(H)-dependent aldo-keto reductase
Multimeric flavodoxin WrbA (AA6)
4-hydroxyphenylpyruvate dioxygenase
Gallate dioxygenase
0
2
4
6
8
10
12
Genes Count
Regulatory Protein
Dehydrogenase
Transferase
Monooxygenase
Hydrolase
Lyase
Oxidase
Redox
Peroxidase
Superoxide, Isomerase and Ligase
Reductase
Dioxygenase