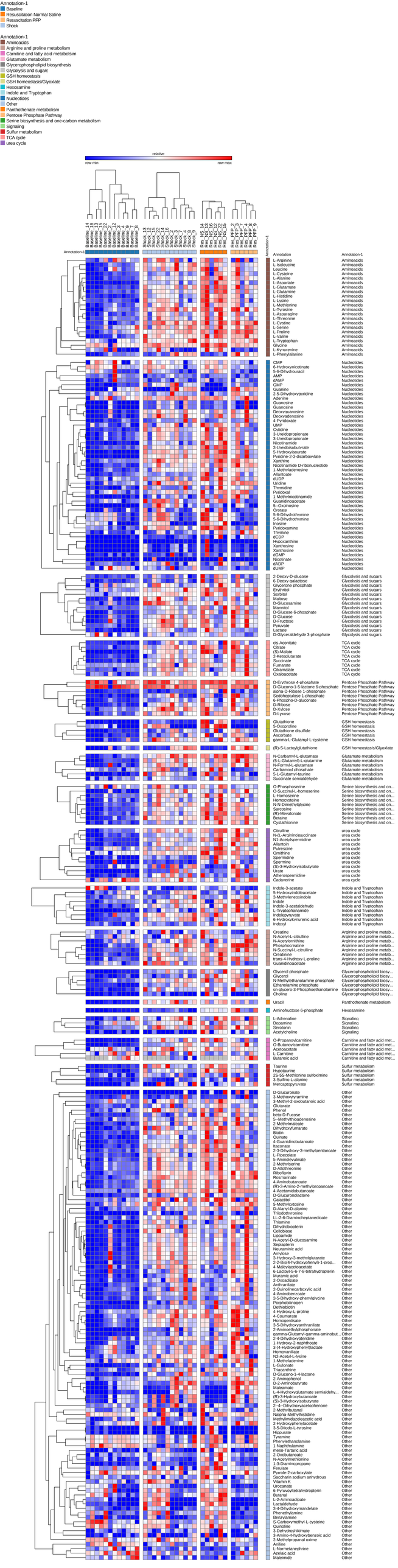
Annotation-1
Baseline
Resuscitation Normal Saline
Resuscitation PFP
Shock
Annotation-1
Aminoacids
Arginine and proline metabolism
Carnitine and fatty acid metabolism
Glutamine metabolism
Glycerophospholipid biosynthesis
Glycolysis and sugars
GSH homeostasis
GSH homeostasis/Glyoxlate
Hexosamine
Indole and Tryptophan
Nucleotides
Other
Panthothenate metabolism
Pentose Phosphate Pathway
Serine biosynthesis and one-carbon metabolism
Signaling
Sulfur metabolism
TCA cycle
urea cycle
relative
row min
row max
Baseline_14
Baseline_13
Baseline_11
Baseline_12
Baseline_2
Baseline_1
Baseline_4
Baseline_7
Baseline_8
Shock_1
Shock_12
Shock_10
Shock_14
Shock_6
Shock_3
Shock_7
Shock_4
Shock_9
Res_NS_14
Res_NS_13
Res_NS_12
Res_NS_11
Res_NS_15
Res_PFP_2
Res_PFP_1
Res_PFP_7
Res_PFP_5
Res_PFP_8
Res_PFP_9
Annotation-1
Annotation
Annotation-1
L-Arginine
Aminoacids
L-Isoleucine
Aminoacids
Leucine
Aminoacids
L-Cysteine
Aminoacids
L-Alanine
Aminoacids
L-Aspartate
Aminoacids
L-Glutamate
Aminoacids
L-Glutamine
Aminoacids
L-Histidine
Aminoacids
L-Lysine
Aminoacids
L-Methionine
Aminoacids
L-Tyrosine
Aminoacids
L-Asparagine
Aminoacids
L-Threonine
Aminoacids
L-Cystine
Aminoacids
L-Serine
Aminoacids
L-Proline
Aminoacids
L-Valine
Aminoacids
L-Tryptophan
Aminoacids
Glycine
Aminoacids
L-Kynurenine
Aminoacids
L-Phenylalanine
Aminoacids
CMP
Nucleotides
6-Hydroxynicotinate
Nucleotides
5-6-Dihydrouracil
Nucleotides
AMP
Nucleotides
dAMP
Nucleotides
GMP
Nucleotides
Guanine
Nucleotides
2-5-Dihydroxypyridine
Nucleotides
Adenine
Nucleotides
Guanosine
Nucleotides
Guanosine
Nucleotides
Deoxyguanosine
Nucleotides
Deoxyadenosine
Nucleotides
4-Pyridoxate
Nucleotides
UMP
Nucleotides
Cytidine
Nucleotides
3-Ureidopropionate
Nucleotides
3-Ureidopropionate
Nucleotides
Nicotinamide
Nucleotides
3-Ureidoisobutyrate
Nucleotides
5-Hydroxyisourate
Nucleotides
Pyridine-2-3-dicarboxylate
Nucleotides
Xanthine
Nucleotides
Nicotinamide D-ribonucleotide
Nucleotides
1-Methyladenosine
Nucleotides
Allantoate
Nucleotides
dUDP
Nucleotides
Uridine
Nucleotides
Thymidine
Nucleotides
Pyridoxal
Nucleotides
1-Methylnicotinamide
Nucleotides
Guanidinoacetate
Nucleotides
5--Oxoinosine
Nucleotides
Orotate
Nucleotides
5-6-Dihydrothymine
Nucleotides
5-6-Dihydrothymine
Nucleotides
Inosine
Nucleotides
Pyridoxamine
Nucleotides
Thymine
Nucleotides
dCDP
Nucleotides
Hypoxanthine
Nucleotides
Xanthosine
Nucleotides
Xanthosine
Nucleotides
dGMP
Nucleotides
Nicotinate
Nucleotides
dADP
Nucleotides
dUMP
Nucleotides
2-Deoxy-D-glucose
Glycolysis and sugars
6-Deoxy-galactose
Glycolysis and sugars
Glycerone phosphate
Glycolysis and sugars
Erythritol
Glycolysis and sugars
Sorbitol
Glycolysis and sugars
Maltose
Glycolysis and sugars
D-Glucosamine
Glycolysis and sugars
Mannitol
Glycolysis and sugars
D-Glucose 6-phosphate
Glycolysis and sugars
D-Glucose
Glycolysis and sugars
D-Fructose
Glycolysis and sugars
Pyruvate
Glycolysis and sugars
Lactate
Glycolysis and sugars
D-Glyceraldehyde 3-phosphate
Glycolysis and sugars
cis-Aconitate
TCA cycle
Citrate
TCA cycle
(S)-Malate
TCA cycle
2-Ketoglutarate
TCA cycle
Succinate
TCA cycle
Fumarate
TCA cycle
Citramalate
TCA cycle
Oxaloacetate
TCA cycle
D-Erythrose 4-phosphate
Pentose Phosphate Pathway
D-Glucono-1-5-lactone 6-phosphate
Pentose Phosphate Pathway
alpha-D-Ribose 1-phosphate
Pentose Phosphate Pathway
Sedoheptulose 7-phosphate
Pentose Phosphate Pathway
6-Phospho-D-gluconate
Pentose Phosphate Pathway
D-Ribose
Pentose Phosphate Pathway
D-Xylose
Pentose Phosphate Pathway
D-Lyxose
Pentose Phosphate Pathway
Glutathione
GSH homeostasis
5-Oxoproline
GSH homeostasis
Glutathione disulfide
GSH homeostasis
Ascorbate
GSH homeostasis
gamma-L-Glutamyl-L-cysteine
GSH homeostasis
(R)-S-Lactoylglutathione
GSH homeostasis/Glyoxlate
N-Carbamyl-L-glutamate
Glutamate metabolism
(S-L-Glutamyl)-L-glutamine
Glutamate metabolism
N-Formyl-L-glutamate
Glutamate metabolism
Carbamoyl phosphate
Glutamate metabolism
S-L-Glutamyl-taurine
Glutamate metabolism
Succinate semialdehyde
Glutamate metabolism
O-Phosphoserine
Serine biosynthesis and on...
O-Succinyl-L-homoserine
Serine biosynthesis and on...
L-Homoserine
Serine biosynthesis and on...
Homocysteine
Serine biosynthesis and on...
N-N-Dimethylglycine
Serine biosynthesis and on...
Sarcosine
Serine biosynthesis and on...
(R)-Mevalonate
Serine biosynthesis and on...
Betaine
Serine biosynthesis and on...
Cystathionine
Serine biosynthesis and on...
Citrulline
urea cycle
N-(L-Arginino)succinate
urea cycle
N1-Acetylspermidine
urea cycle
Allantoin
urea cycle
Putrescine
urea cycle
Ornithine
urea cycle
Spermidine
urea cycle
Spermine
urea cycle
(S)-3-Hydroxyisobutyrate
urea cycle
Urate
urea cycle
Atherospermidine
urea cycle
Cadaverine
urea cycle
Indole-3-acetate
Indole and Tryptophan
5-Hydroxyindoleacetate
Indole and Tryptophan
3-Methyleneoxindole
Indole and Tryptophan
Indole
Indole and Tryptophan
Indole-3-acetaldehyde
Indole and Tryptophan
L-Tryptophanamide
Indole and Tryptophan
Indolepyruvate
Indole and Tryptophan
6-Hydroxykynurenic acid
Indole and Tryptophan
Indoxyl
Indole and Tryptophan
Creatine
Arginine and proline metab...
N-Acetyl-L-citrulline
Arginine and proline metab...
N-Acetylornithine
Arginine and proline metab...
Phosphocreatine
Arginine and proline metab...
N-Succinyl-L-citrulline
Arginine and proline metab...
Creatinine
Arginine and proline metab...
trans-4-Hydroxy-L-proline
Arginine and proline metab...
Guanidinoacetate
Arginine and proline metab...
Glycerol phosphate
Glycerophospholipid biosy...
Glycerol
Glycerophospholipid biosy...
N-Methylethanolamine phosphate
Glycerophospholipid biosy...
Ethanolamine phosphate
Glycerophospholipid biosy...
sn-glycero-3-Phosphoethanolamine
Glycerophospholipid biosy...
Choline
Glycerophospholipid biosy...
Uracil
Panthothenate metabolism
Aminofructose 6-phosphate
Hexosamine
L-Adrenaline
Signaling
Dopamine
Signaling
Serotonin
Signaling
Acetylcholine
Signaling
O-Propanoylcarnitine
Carnitine and fatty acid met...
O-Butanoylcarnitine
Carnitine and fatty acid met...
Acetoacetate
Carnitine and fatty acid met...
L-Carnitine
Carnitine and fatty acid met...
Butanoic acid
Carnitine and fatty acid met...
Taurine
Sulfur metabolism
Hypotaurine
Sulfur metabolism
2S-5S-Methionine sulfoximine
Sulfur metabolism
3-Sulfino-L-alanine
Sulfur metabolism
Mercaptopyruvate
Sulfur metabolism
D-Glucuronate
Other
3-Methoxytyramine
Other
3-Methyl-2-oxobutanoic acid
Other
Glutarate
Other
Phenol
Other
beta-D-Fucose
Other
5--Methylthioadenosine
Other
2-Methylmaleate
Other
Dihydroxyfumarate
Other
Biotin
Other
Quinate
Other
4-Guanidinobutanoate
Other
Itaconate
Other
2-3-Dihydroxy-3-methylpentanoate
Other
L-Pipecolate
Other
5-Aminolevulinate
Other
2-Methylserine
Other
D-Allothreonine
Other
Riboflavin
Other
Rosmarinate
Other
4-Aminobutanoate
Other
(R)-3-Amino-2-methylpropanoate
Other
4-Acetamidobutanoate
Other
D-Glucuronolactone
Other
Galactitol
Other
5-Methylcytosine
Other
D-Alanyl-D-alanine
Other
Triiodothyronine
Other
LL-2-6-Diaminopimelate
Other
Thiamine
Other
Dihydrobiopterin
Other
Cellobiose
Other
Lipoamide
Other
N-Acetyl-D-glucosamine
Other
Sepiapterin
Other
Neuraminic acid
Other
Amylose
Other
3-Hydroxy-3-methylglutarate
Other
2-2-Bis(4-hydroxyphenyl)-1-prop...
Other
4-Maleylacetoacetate
Other
6-Lactoyl-5-6-7-8-tetrahydropterin
Other
Muramic acid
Other
2-Oxoadipate
Other
Anthranilate
Other
2-Quinolinecarboxylic acid
Other
4-Aminobenzoate
Other
3-5-Dihydroxy-phenylalycine
Other
Porphobilinogen
Other
Dethiobiotin
Other
4-Hydroxy-L-proline
Other
4-Coumarate
Other
Homogentisate
Other
3-5-Dihydroxyanthranilate
Other
2-Aminoethylphosphonate
Other
gamma-Glutamyl-gamma-aminobut...
Other
2-4-Dihydroxypteridine
Other
1-Hydroxy-2-naphthoate
Other
3-(4-Hydroxyphenyl)lactate
Other
Homovanillate
Other
N2-Acetyl-L-lysine
Other
1-Methyladenine
Other
L-Gulonate
Other
Triacanthine
Other
D-Gluconn-1-4-lactone
Other
2-Aminophenol
Other
D-2-Aminobutyrate
Other
Maleamate
Other
L-4-Hydroxyglutamate semialdehy...
Other
(R)-3-Hydroxybutanoate
Other
(S)-3-Hydroxyisobutyrate
Other
2--4--Dihydroxiacetophenone
Other
2-Methylbutanal
Other
Nalpha-Methylhistidine
Other
Methylimidazoleacetic acid
Other
2-Hydroxyphenylacetate
Other
3-5-Diiodo-L-tyrosine
Other
Hippurate
Other
Tyramine
Other
Phenylethanolamine
Other
1-Naphthylamine
Other
meso-Tartaric acid
Other
2-Oxobutanoate
Other
N-Acetylmethionine
Other
1-3-Diaminopropane
Other
Ferulate
Other
Pyrrole-2-carboxylate
Other
Saccharin sodium anhydrous
Other
Vitamin K
Other
Urocanate
Other
6-Pyruvoyltetrahydropterin
Other
Butanal
Other
L-2-Aminoadipate
Other
Lactaldehyde
Other
3-4-Dihydroxymandelate
Other
Phenethylamine
Other
Benzylamine
Other
S-Carboxymethyl-L-cysteine
Other
Quinoline
Other
3-Dehydroshikimate
Other
3-Amino-4-hydroxybenzoic acid
Other
2-Methylpropanal oxime
Other
Aniline
Other
L-Normetanephrine
Other
Azelaic acid
Other
Maleimide
Other