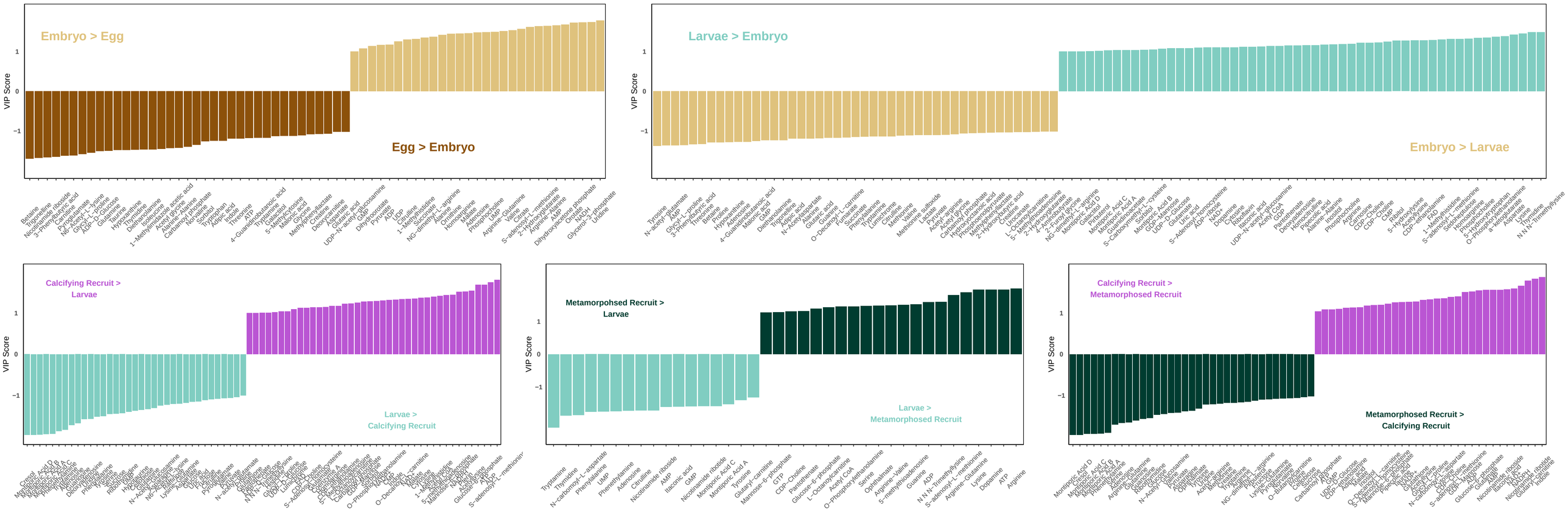
Embryo > Egg
Egg > Embryo
VIP Score
1
0
−1
Betaine
Trigonelline
Nicotinamide riboside
3−Phenylbutyric acid
Carnitine
Pyroglutamate
Nε−Acetyl−L−lysine
ADP−D−glucose
Glycyl−L−proline
Glutamine
Taurine
Hypoxanthine
Thymidine
Diethanolamine
Isoleucine
1−Methylimidazole acetic acid
Acetyl−Alanine
Alanyl−Alanine
Carbamoyl phosphate
Nω−Proline
Sorbitol
Tryptophan
Adipic acid
Indole
Threonine
ATP
4−Guanidinobutanoic acid
Tryptamine
Galactitol
5−Methylcytosine
Malic acid
Methylphenylacetate
Glycine
Creatine
Deoxycarnitine
Aspartate
Glutaric acid
UDP−N−acetyl−glucosamine
GMP
Dihydroorotate
Pyruvate
ADP
UDP
Citrulline
1−Methylhistidine
Succinate
Nδ−dimethyl−L−arginine
Alanine
Ornithine
Homoarginine
Malate
Adenosine
Phosphocholine
UMP
Arginine−Glutamine
Valine
Citrate
S−adenosyl−L−methionine
2−Hydroxyglutarate
Arginine−Alanine
AMP
Dihydroxyacetone phosphate
CMP
NAD+
Glycerol−3−phosphate
Uridine
Larvae > Embryo
Embryo > Larvae
VIP Score
1
0
−1
Tyrosine
Nα−acetyl−L−glutamate
AMP
Glycyl−L−proline
3−Phenylbutyric acid
Threonine
Betaine
Proline
Hypoxanthine
Adenosine
4−Guanidinobutanoic acid
Malonic acid
GMP
Diethanolamine
Trigonelline
Adipic acid
Nα−Acetylaspartate
Alanine
Glutaric acid
Guanine
O−Decanoyl−L−carnitine
Fumarate
Succinate
Phenylalanine
Tryptamine
Lumichrome
Citrulline
Methionine
Valine
Methionine sulfoxide
Lactate
Pyruvate
Acetyl−arginine
Acetyl glycine
Carbamoyl phosphate
Hydroxypropanoic acid
Phosphoenolpyruvate
Methylphenylacetate
4−Hydroxybutyric acid
Creatine
Uracil
L−Octanoylcarnitine
5−Methylthioadenosine
2−Hydroxyglutarate
4−Aminobutyrate
2−Furoyl glycine
Nδ−dimethyl−L−arginine
Monopontic Acid D
Galactitol
Pimelic acid
Monponic Acid A
Monponic Acid C
Mutanic acid
S−Carbamoylmethionine
Galactonic acid
Sorbitol
Monponic Acid B
Cysteine
GDP−Mannose
UDP−D−Glucose
Glutamate
Uric acid
S−Adenosyl−L−homocysteine
ADP−ribose
NAD+
Dopamine
Cytosine
Itaconic acid
Pibofavin
UDP−Nα−acetyl−glucosamine
Acetyl CoA
GDP
Pantothenate
Deoxyadenosine
Homocitrulline
Pipecolic acid
Alanine−Alanine
Hexosid
Phosphomolline
Arginine
Carnosine
CDP−Choline
CDP−Choline
CMP
Ribitol
5−Hydroxylysine
Acetylserine
CDP−ethanolamine
FAD
1−Methylhistidine
S−adenosyl−L−methionine
Sedoheptulose
Homoarginine
Phosphocholine
5−Hydroxytryptophan
O−Phosphoethylethanolamine
α−Ketoglutarate
Aspartate
Lysine
Thymidine
N N N−Trimethyllysine
Calcifying Recruit > Larvae
Larvae > Calcifying Recruit
VIP Score
1
0
−1
Cresol Acid D
Monopontic Acid C
Monponic Acid A
Phenylacetate
Nε−Acetyl−L−lysine
Adenosine
Deoxycarnitine
Phenylalanine
Tryptamine
Serine
Ribitol
Hydroxyurea
Citrulline
Galactitol
N−Acetylglucosamine
Nε−Acetyl−L−lysine
Lysine
Carnitine
Glucose
Fructose
Pyruvate
Pyroglutamate
Nα−acetyl−L−glutamate
Glutamine
Galactonic acid
Glutamate
N N N−Trimethylamine
Cytosine
Uridine
Lumichrome
UDP−D−Glucose
S−Adenosyl−L−methionine
CDP−Choline
Nα−Acetyl−L−arginine
5−methylthioadenosine
Mannose−6−phosphate
Glucose−6−phosphate
Carbamoyl phosphate
Adenosine
Methionine
Phosphocholine
O−Phosphoethylethanolamine
Malate
O−Decanoyl−L−carnitine
NAD+
Citrate
1−Methylhistidine
5−methylthioadenosine
Mannose−6−phosphate
NADPH
Glucose−1−phosphate
ADP−D−glucose
S−adenosyl−L−methionine
Metamorphosed Recruit > Larvae
Larvae > Metamorphosed Recruit
VIP Score
1
0
−1
Tryptamine
Thymidine
N−carbamoyl−L−aspartate
UMP
Phenylalanine
Phenethylamine
Adenosine
Citrulline
Nicotinamide riboside
AMP
Itaconic acid
GMP
Nicotinamide riboside
Montponic Acid C
Monponic Acid A
Tyrosine
Glutaryl−carnitine
Mannose−6−phosphate
GTP
CDP−Choline
Pantothenate
Glucose−6−phosphate
L−Octanoylcarnitine
Acetyl CoA
O−Phosphorylethanolamine
Serine
Ophthalmate
Arginine−Valine
5−methylthioadenosine
Glutamine
ADP
N N N−Trimethylllysine
S−adenosyl−L−methionine
Arginine−Glutamine
Lysine
Dopamine
ATP
Arginine
Calcifying Recruit > Metamorphosed Recruit
Metamorphosed Recruit > Calcifying Recruit
VIP Score
1
0
−1
Monopontic Acid D
Cresol Acid D
Monopontic Acid C
Monponic Acid A
Phenylacetate
Adenosine
Serine
Arginine−Glutamine
Glutamine
Ribitol
Hydroxyurea
N−Acetylglucosamine
Fructose
Galactitol
Ophthalmate
Tryptamine
Acetylserine
Methionine
Tyrosine
Nε−dimethyl−L−arginine
Lysine
Pyruvate
Nα−acetyl−L−glutamate
Pyroglutamate
Glutamate
O−Butanoylcarnitine
Citrulline
Cellobiose
Glucose
Carbamoyl phosphate
ADP−D−glucose
UDP−D−Glucose
CDP−ethanolamine
Alanyl−Alanine
Nα−Acetyl−L−carnitine
O−Decanoyl−L−carnitine
S−Adenosyl−L−homocysteine
Mannose−6−phosphate
Pipecolic acid
Cytosine
Uridine
Citrate
Acetyl CoA
N−carbamoyl−L−aspartate
S−adenosyl−L−methionine
Cysteine
Cellobiose
Glucose−1−phosphate
Glucose−6−phosphate
Galactitol
Galactonic acid
Nicotinamide riboside
NADPH
Nicotinamide riboside
Galactonic acid
Indole