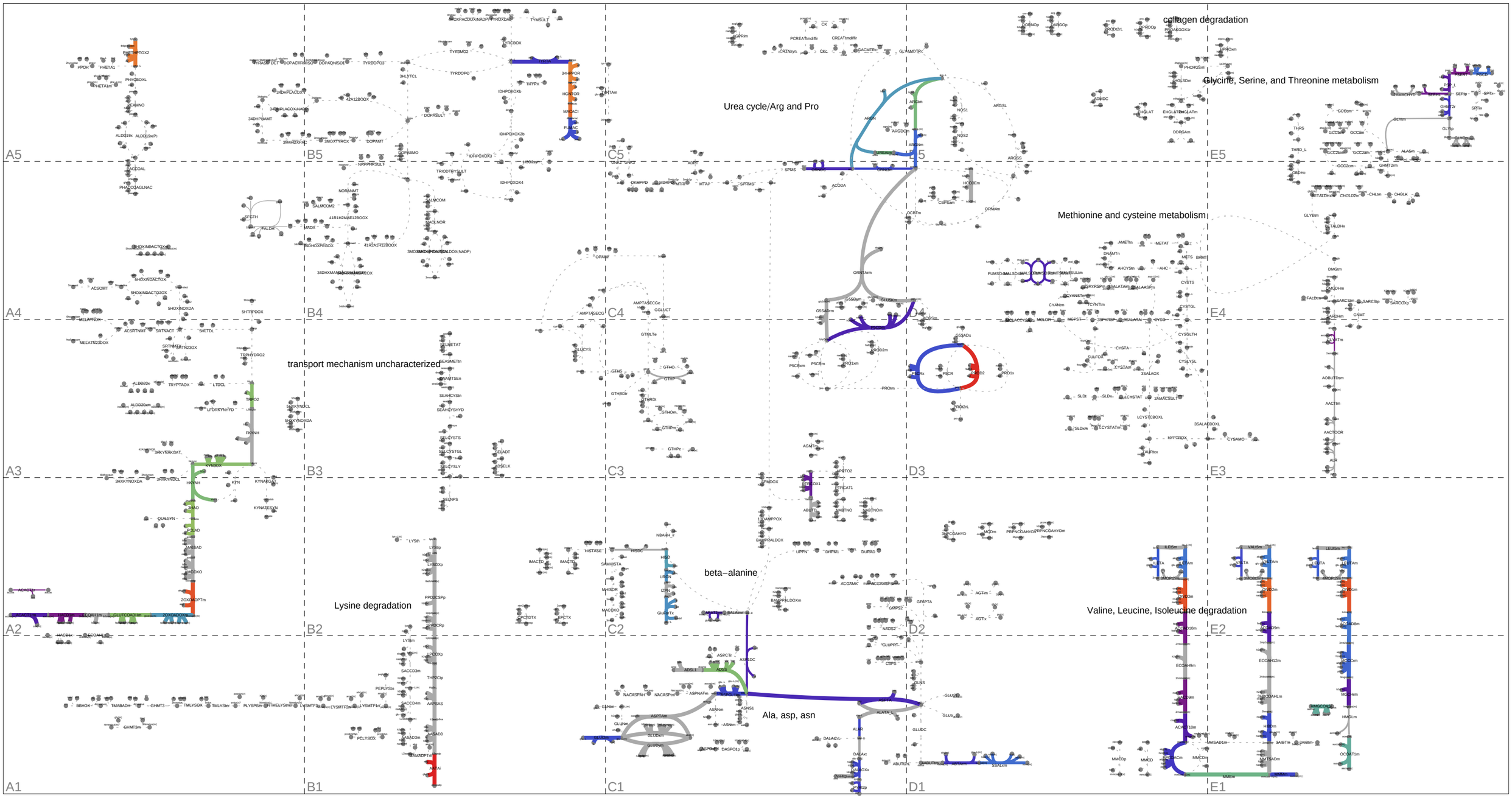
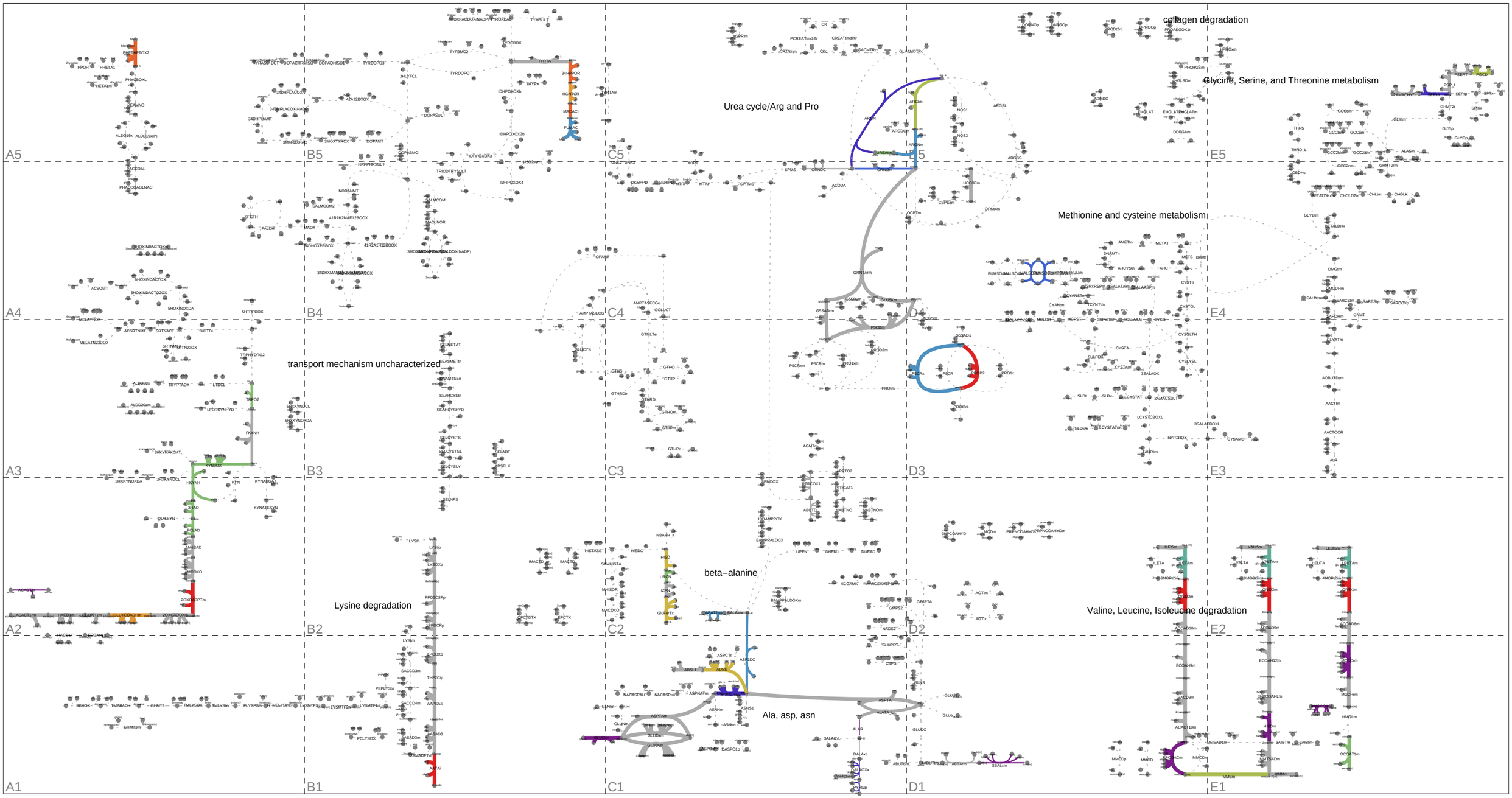
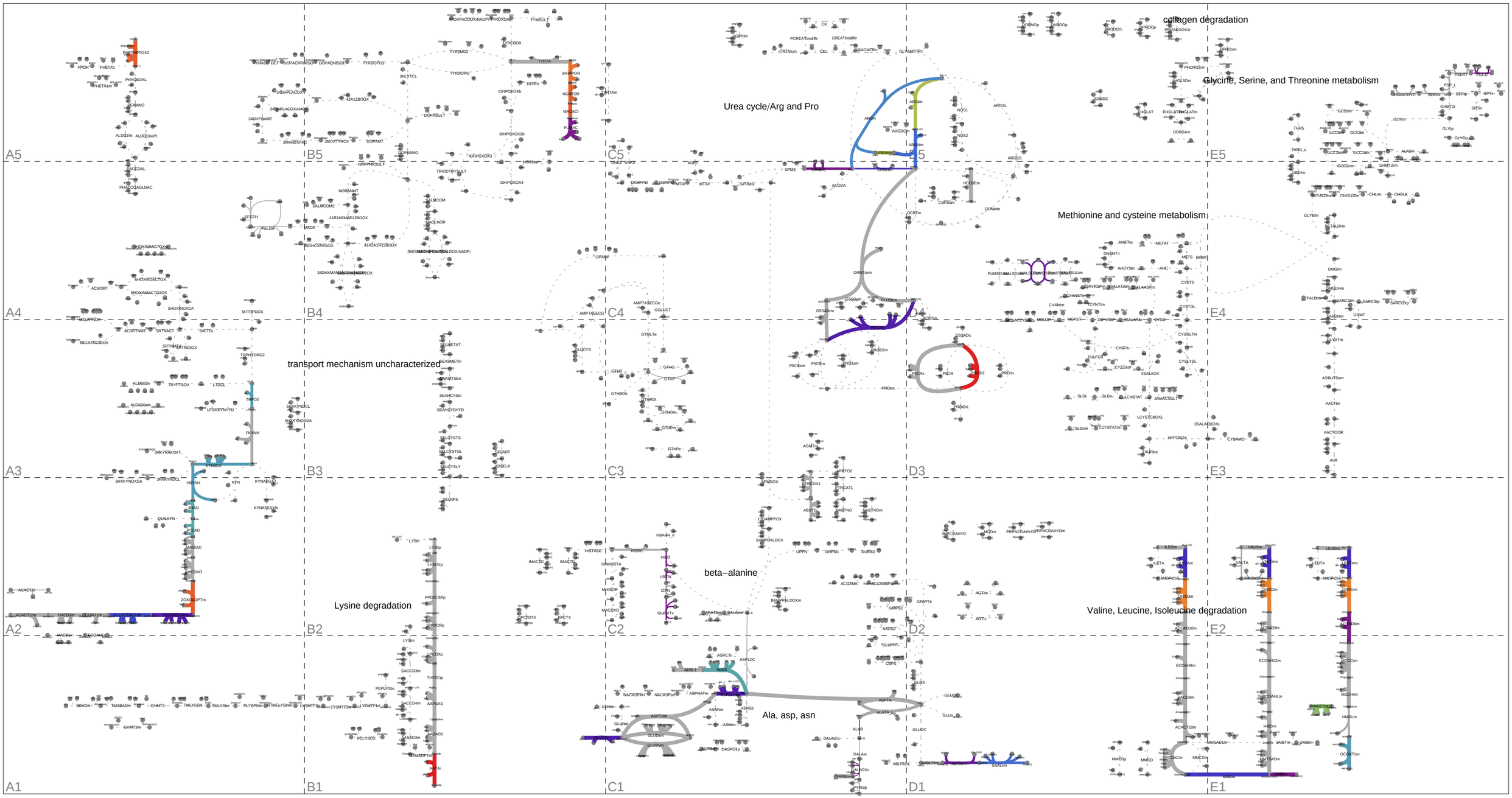
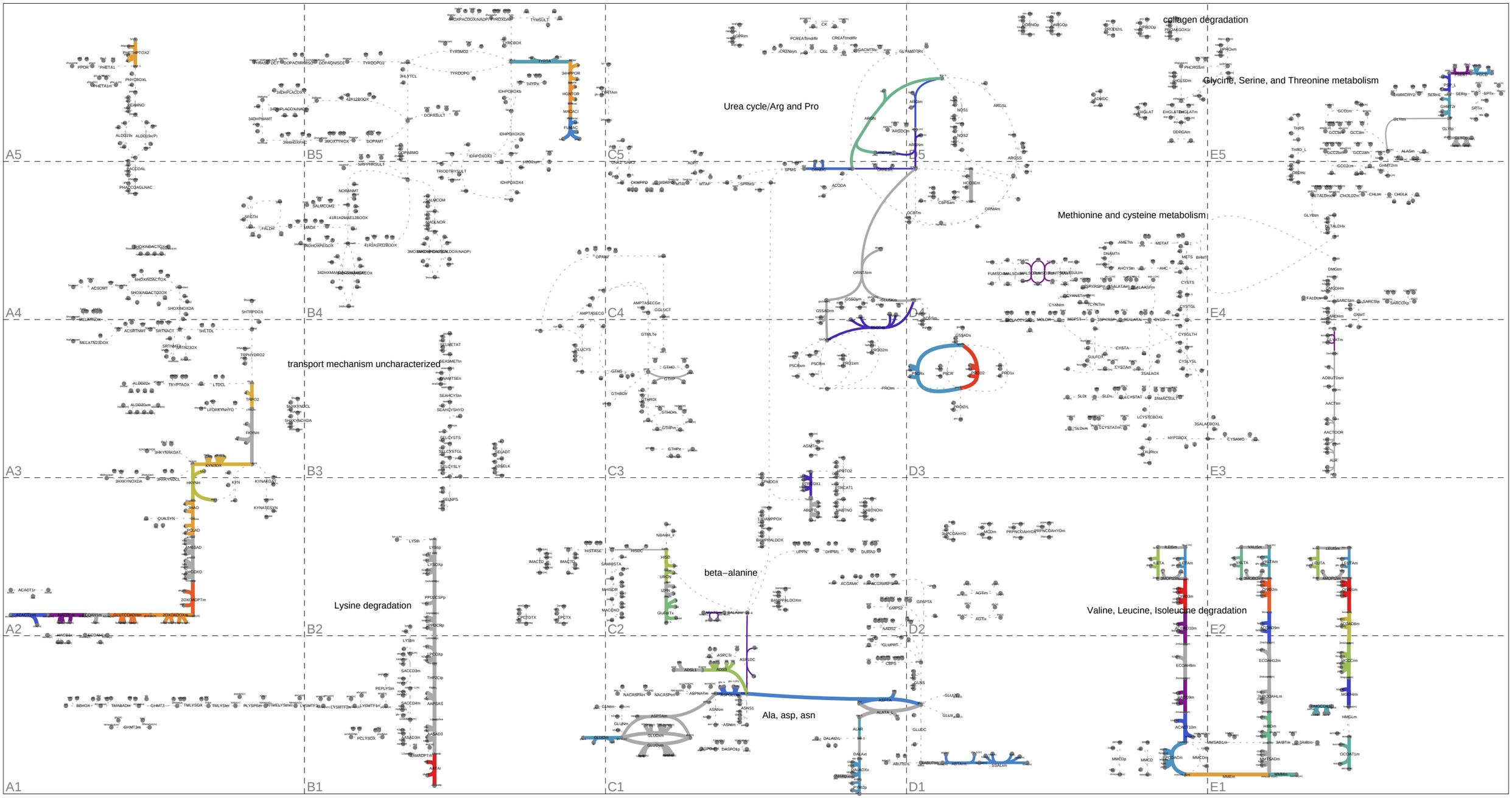

collagen degradation
Glycine, Serine, and Threonine metabolism
Urea cycle/Arg and Pro
Methionine and cysteine metabolism
transport mechanism uncharacterized
beta−alanine
Lysine degradation
Ala, asp, asn
Valine, Leucine, Isoleucine degradation
A5
B5
C5
D5
E5
A4
B4
C4
D4
E4
A3
B3
C3
D3
E3
A2
B2
C2
D2
E2
A1
B1
C1
D1
E1


collagen degradation
Glycine, Serine, and Threonine metabolism
Urea cycle/Arg and Pro
Methionine and cysteine metabolism
transport mechanism uncharacterized
Lysine degradation
beta−alanine
Ala, asp, asn
Valine, Leucine, Isoleucine degradation
A5
B5
C5
D5
E5
A4
B4
C4
D4
E4
A3
B3
C3
D3
E3
A2
B2
C2
D2
E2
A1
B1
C1
D1
E1


collagen degradation
Glycine, Serine, and Threonine metabolism
Urea cycle/Arg and Pro
Methionine and cysteine metabolism
transport mechanism uncharacterized
beta−alanine
Lysine degradation
Ala, asp, asn
Valine, Leucine, Isoleucine degradation
A5
B5
C5
D5
E5
A4
B4
C4
D4
E4
A3
B3
C3
D3
E3
A2
B2
C2
D2
E2
A1
B1
C1
D1
E1


collagen degradation
Glycine, Serine, and Threonine metabolism
Urea cycle/Arg and Pro
Methionine and cysteine metabolism
transport mechanism uncharacterized
beta−alanine
Lysine degradation
Ala, asp, asn
Valine, Leucine, Isoleucine degradation
A5
B5
C5
D5
E5
A4
B4
C4
D4
E4
A3
B3
C3
D3
E3
A2
B2
C2
D2
E2
A1
B1
C1
D1
E1