

UMP salvage (cell line=H1299, tracer=Alpha)

Fraction

1.0
0.8
0.6
0.4
0.2
0.0

Vec

Asn

Urd

Hpx

Ade

Gua

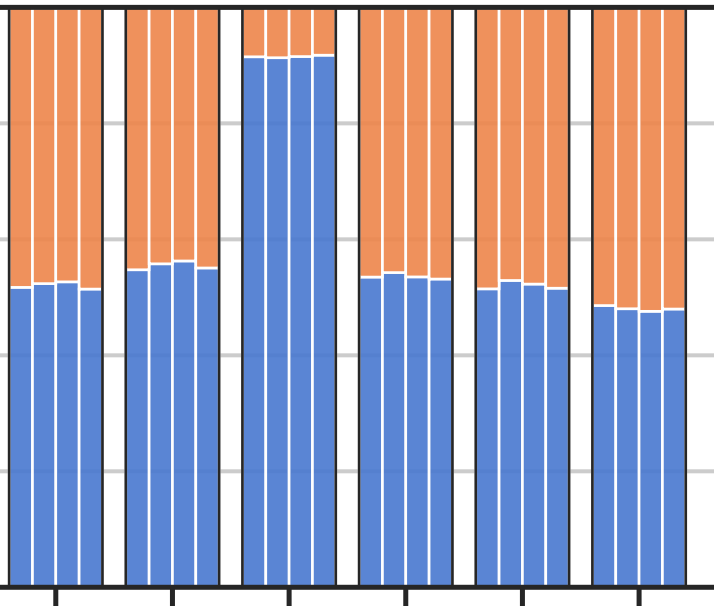
Salvage metabolite

Isotopologue

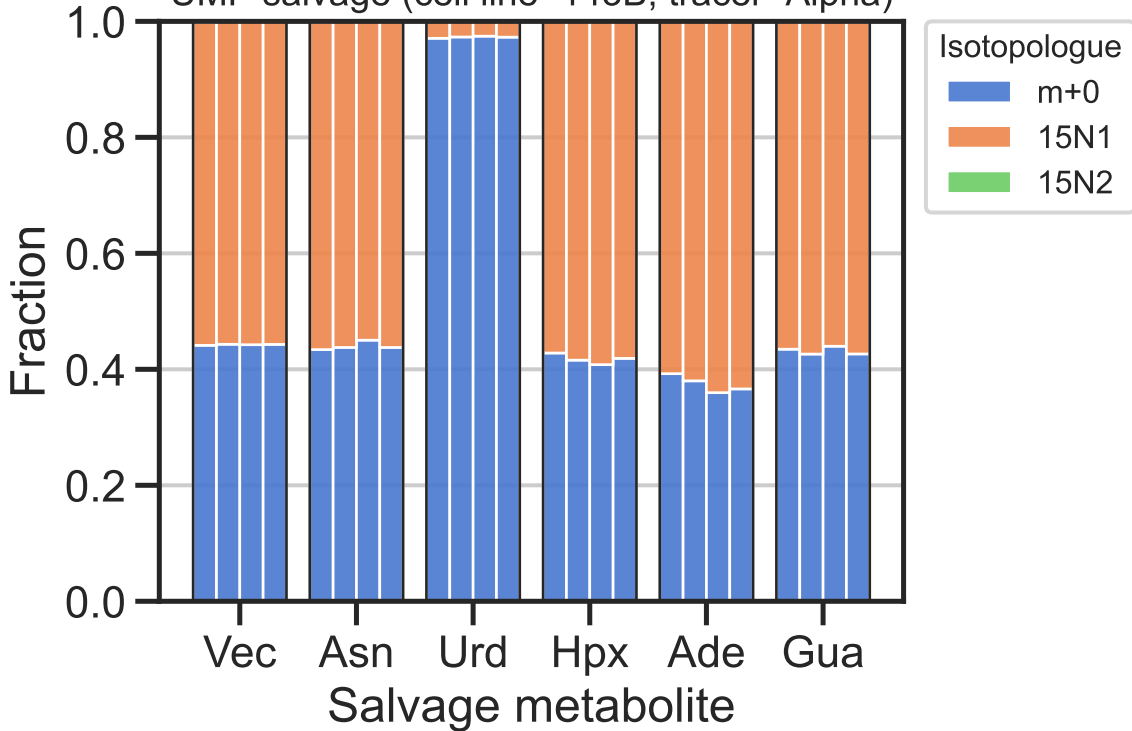
m+0

$^{15}\text{N}1$

$^{15}\text{N}2$



UMP salvage (cell line=143B, tracer=Alpha)



UMP salvage (cell line=H1299, tracer=Amide)

Fraction

1.0
0.8
0.6
0.4
0.2
0.0

Vec

Asn

Urd

Hpx

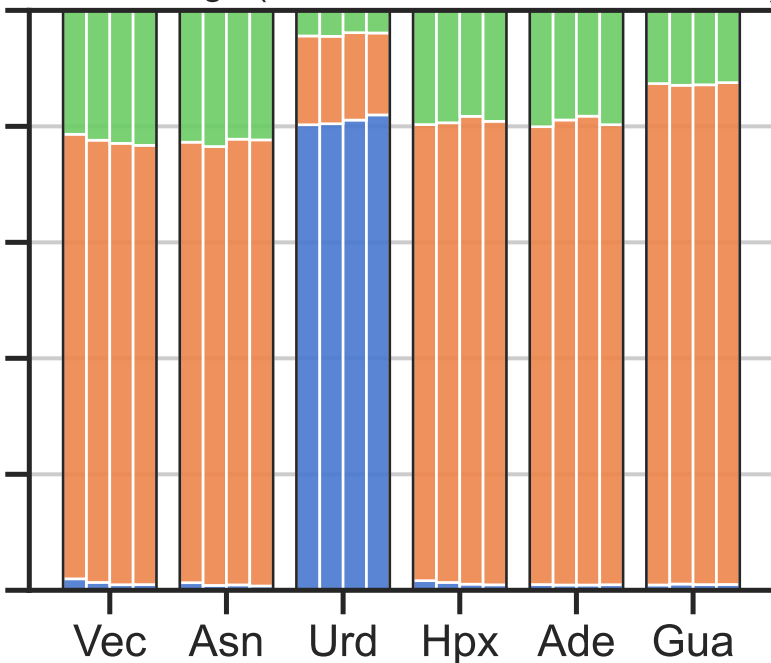
Ade

Gua

Salvage metabolite

Isotopologue

m+0
15N1
15N2



UMP salvage (cell line=143B, tracer=Amide)

Fraction

Isotopologue

m+0

$^{15}\text{N}1$

$^{15}\text{N}2$

1.0
0.8
0.6
0.4
0.2
0.0

Vec

Asn

Urd

Hpx

Ade

Gua

Salvage metabolite

