

Dimensions 05-10-12 Update

Jeremy Frank

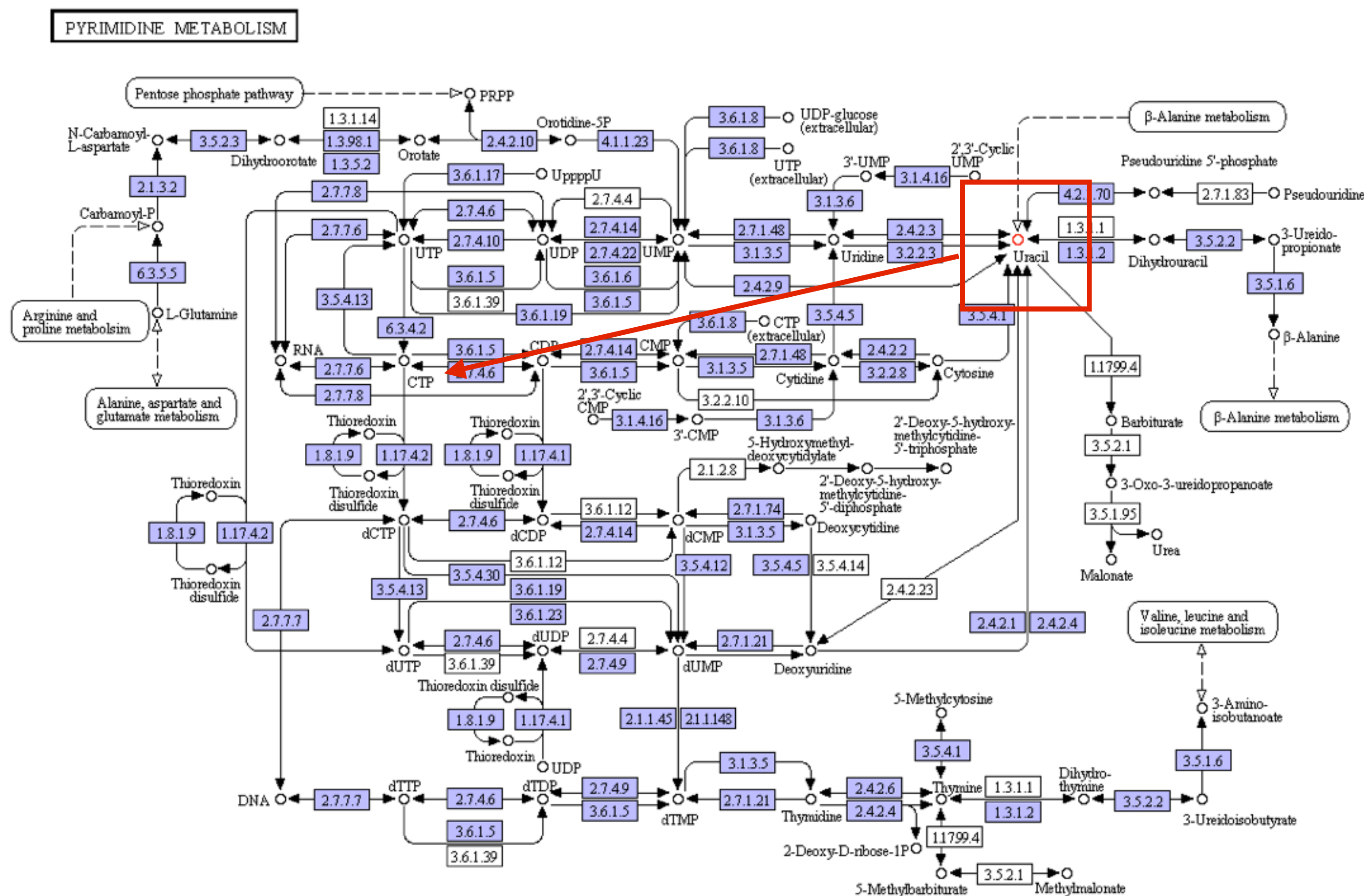
Analysis of Metabolomics Data

- Anca saw some initial interesting data from VCID5945 PMs
 - Daniel and I are following up on it
- Metabolomics

Purine conversions	1	7	Fumarate (cpd	1	Adenine (cpd0	1	Adenosine (cp	1	XAN (cpd0030	-1	D-Ribose (cpd00105)-1	
? Purine nucleoside phosphorylase (EC 2.4		5	Uracil (cpd000	-1	Nicotinamide (1	Adenine (cpd0	1	Adenosine (cp	1	XAN (cpd0030	-1
Inosine-uridine preferring nucleoside hy		4	Adenosine (cp	1	D-Ribose (cpd	-1	Adenine (cpd0	1	XAN (cpd0030	-1		

Analysis of VCID 5945

Purine conversions	1	7 Fumarate (cpd	1	Adenine (cpd0	1	Adenosine (cp	1	XAN (cpd0030	-1	D-Ribose (cpd00105)-1	
? Purine nucleoside phosphorylase (EC 2.4 -		5 Uracil (cpd000	-1	Nicotinamide (1	Adenine (cpd0	1	Adenosine (cp	1	XAN (cpd0030	-1
Inosine-uridine preferring nucleoside hyd -		4 Adenosine (cp	1	D-Ribose (cpd	-1	Adenine (cpd0	1	XAN (cpd0030	-1		



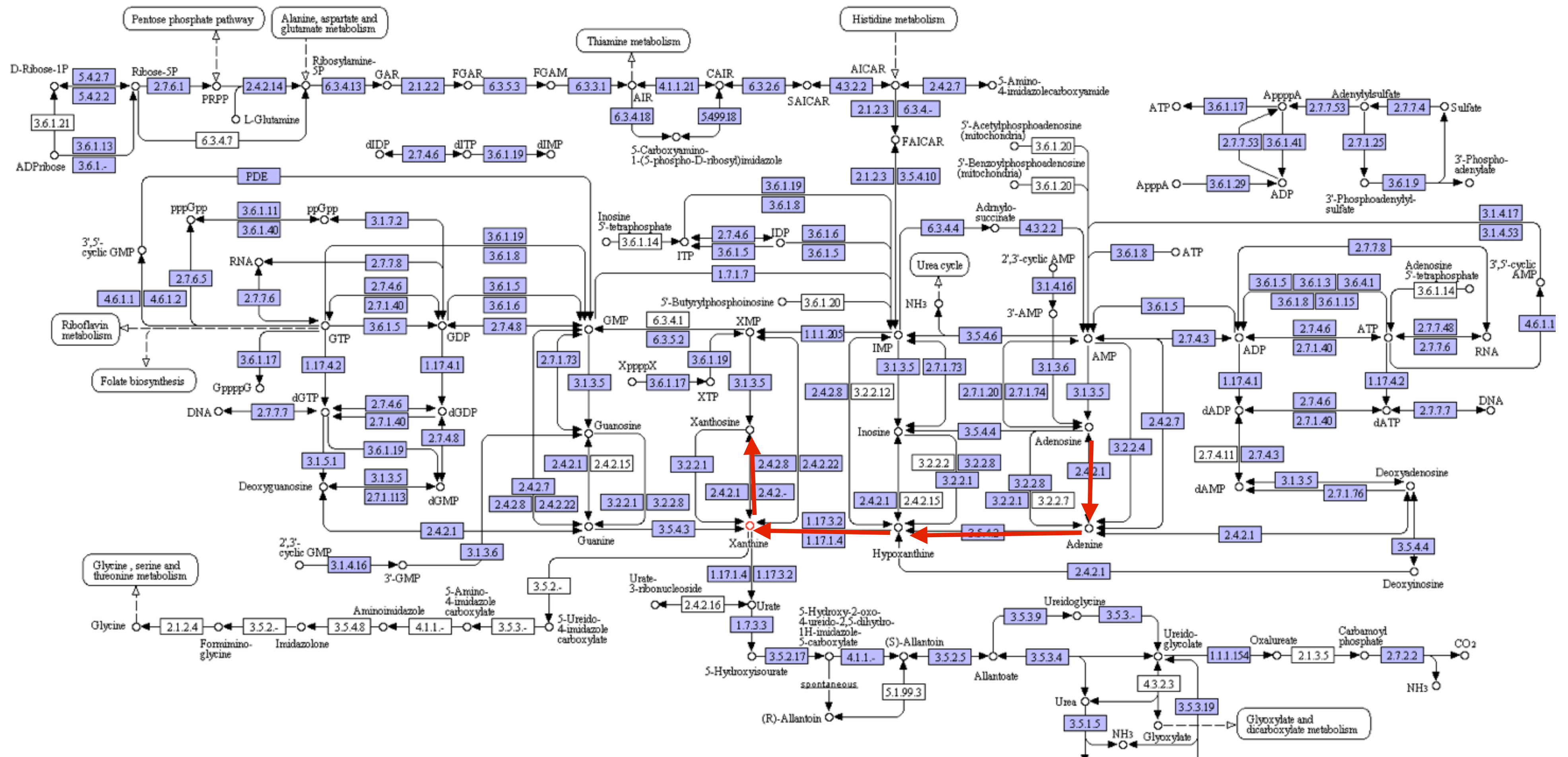
Analysis of VCID5946

●Metabolomics of VCID5946 was similar

Inosine-uridine preferring nucleoside	-	5	Adenosine (cpd000001)	1	D-Ribose (cpd000002)	-1	Adenine (cpd000003)	1	Xanthosine (cpd000004)	-1	XAN (cpd000005)	-1
Purine nucleoside phosphorylase (EC 3.6.1.1)	-	5	Nicotinamide (cpd000006)	1	Adenine (cpd000003)	1	Adenosine (cpd000001)	1	Xanthosine (cpd000004)	-1	XAN (cpd000005)	-1

Analysis of VCID5946

PURINE METABOLISM



Inosine-uridine preferring nucleoside 1-	5 Adenosine (cpd00030)	1	D-Ribose (cpd00030)	-1	Adenine (cpd00030)	1	Xanthosine (cpd00030)	-1	XAN (cpd00030)	-1
Purine nucleoside phosphorylase (EC 2.7.7.7)	5 Nicotinamide (cpd00030)	1	Adenine (cpd00030)	1	Adenosine (cpd00030)	1	Xanthosine (cpd00030)	-1	XAN (cpd00030)	-1