Summary

April 24, 2025

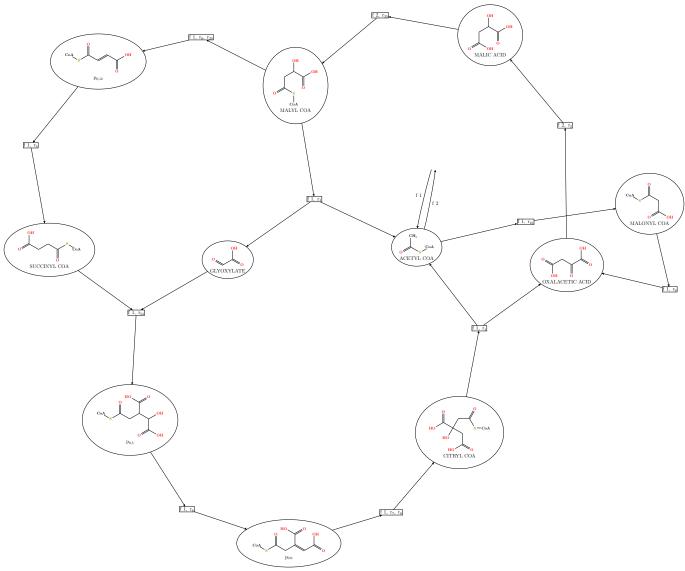
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0.0.1 Solution 0

Overall Data

Objective value		(integral):	
In	Out	OA	
1	2	1	
0	1	0	
1	0	0	
1	0	0	
2	1	0	
0	2	0	
2	0	0	
0	3	0	
1	0	0	
0	1	0	
1	0	0	
0	2	0	
2	0	0	
0	1	0	
6	0	0	
	In 1 0 1 1 2 0 2 0 1 0 1 0 2 0	In Out 1 2 0 1 1 0 1 0 2 1 0 2 2 0 0 3 1 0 0 1 1 0 0 2 2 0 0 1	In Out OA 1 2 1 0 1 0 1 0 0 1 0 0 2 1 0 0 2 0 2 0 0 0 3 0 1 0 0 0 1 0 1 0 0 0 2 0 2 0 0 0 1 0 0 1 0 0 1 0 0 1 0 1 0 0 0 1 0



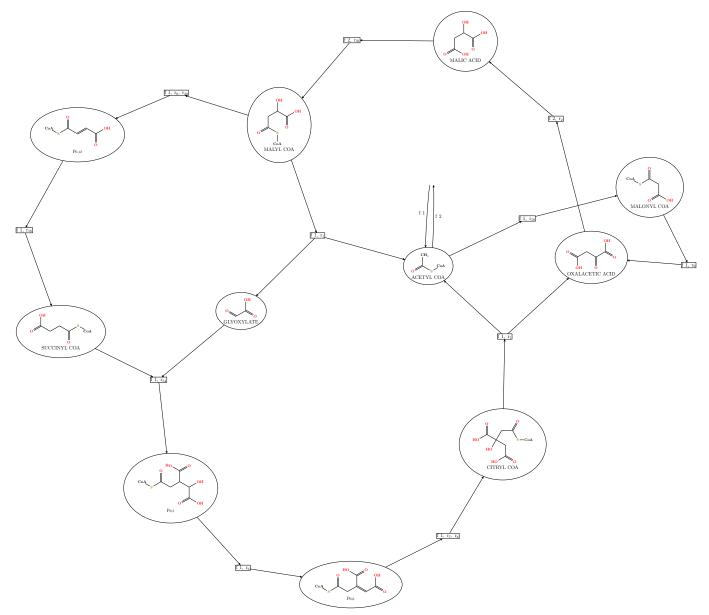
File: out/024_dg_0_11100_f_0_0_filt

0.0.2 Solution 1

Overall Data

Ρi

Objective value (integral): 11 Vertex/Graph In Out OA ACETYL COA ADP ATP C02 CoASH Fdox Fdred H20 HC03-NADP+ NADPH



File: out/027_dg_0_11100_f_0_1_filt

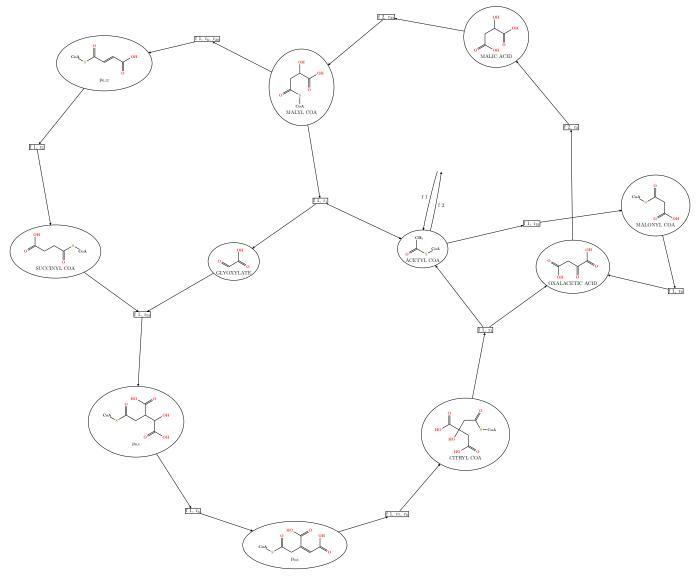
0.0.3 Solution 2

Overall Data

Objective value (integral): 11

Vertex/Graph In Out OA ACETYL COA ADP AMP ATP C02 CoASH Fdox Fdred

H20	0	1	0
HC03-	1	0	0
NAD+	0	1	0
NADH	1	0	0
NADP+	0	2	0
NADPH	2	0	0
PPi	0	2	0
Pi	0	1	0
hplus	6	0	0



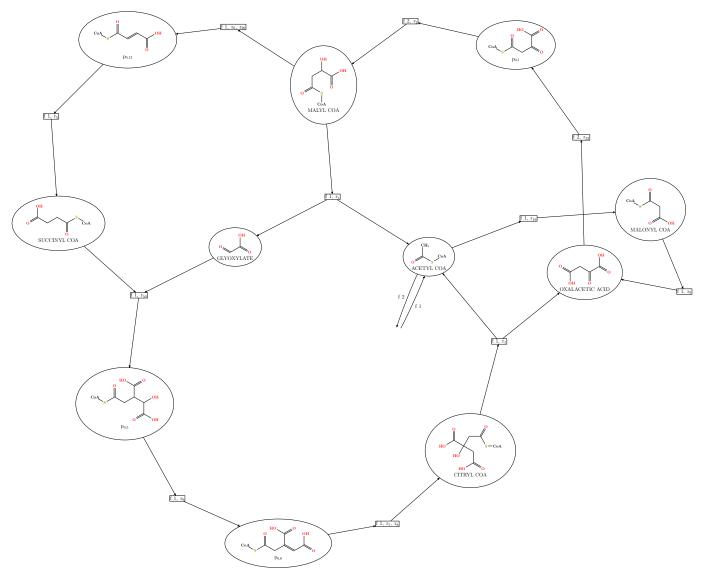
 $File: \ \mathtt{out/030_dg_0_11100_f_0_2_filt}$

0.0.4 Solution 3

Overall Data

Objective value (integral): 11 Vertex/Graph In Out OA ACETYL COA 1 2 1

ADP	0	1	0
AMP	0	2	0
ATP	3	0	0
C02	1	0	0
CoASH	1	0	0
Fdox	0	2	0
Fdred	2	0	0
H20	0	1	0
HCO3-	1	0	0
NAD+	0	1	0
NADH	1	0	0
NADP+	0	2	0
NADPH	2	0	0
PPi	0	2	0
Pi	0	1	0
hplus	6	0	0

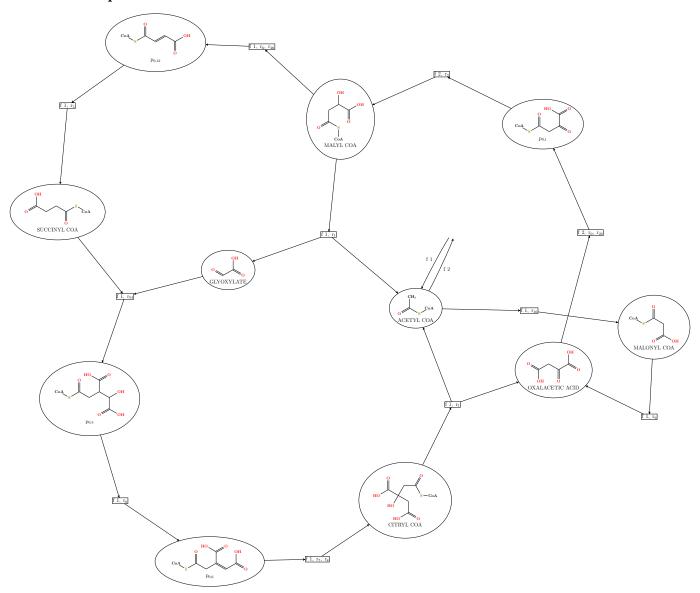


 $File: \ \mathtt{out/035_dg_0_11100_f_0_3_filt}$

0.0.5 Solution 4

Overall Data

Objective valu		(int	egral): 11
Vertex/Graph	In	Out	OA
ACETYL COA	1	2	1
ADP	0	3	0
ATP	3	0	0
C02	1	0	0
CoASH	1	0	0
Fdox	0	2	0
Fdred	2	0	0
H20	0	1	0
HCO3-	1	0	0
NAD+	0	1	0
NADH	1	0	0
NADP+	0	2	0
NADPH	2	0	0
Pi	0	3	0
hplus	6	0	0



File: out/038_dg_0_11100_f_0_4_filt