

# Summary

December 6, 2023

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## 0.1 Enzymes: [Aldose-Ketose textless-(0), Transketolase(2), Transaldolase(3)]

## 0.2 Flow Solutions, id 25

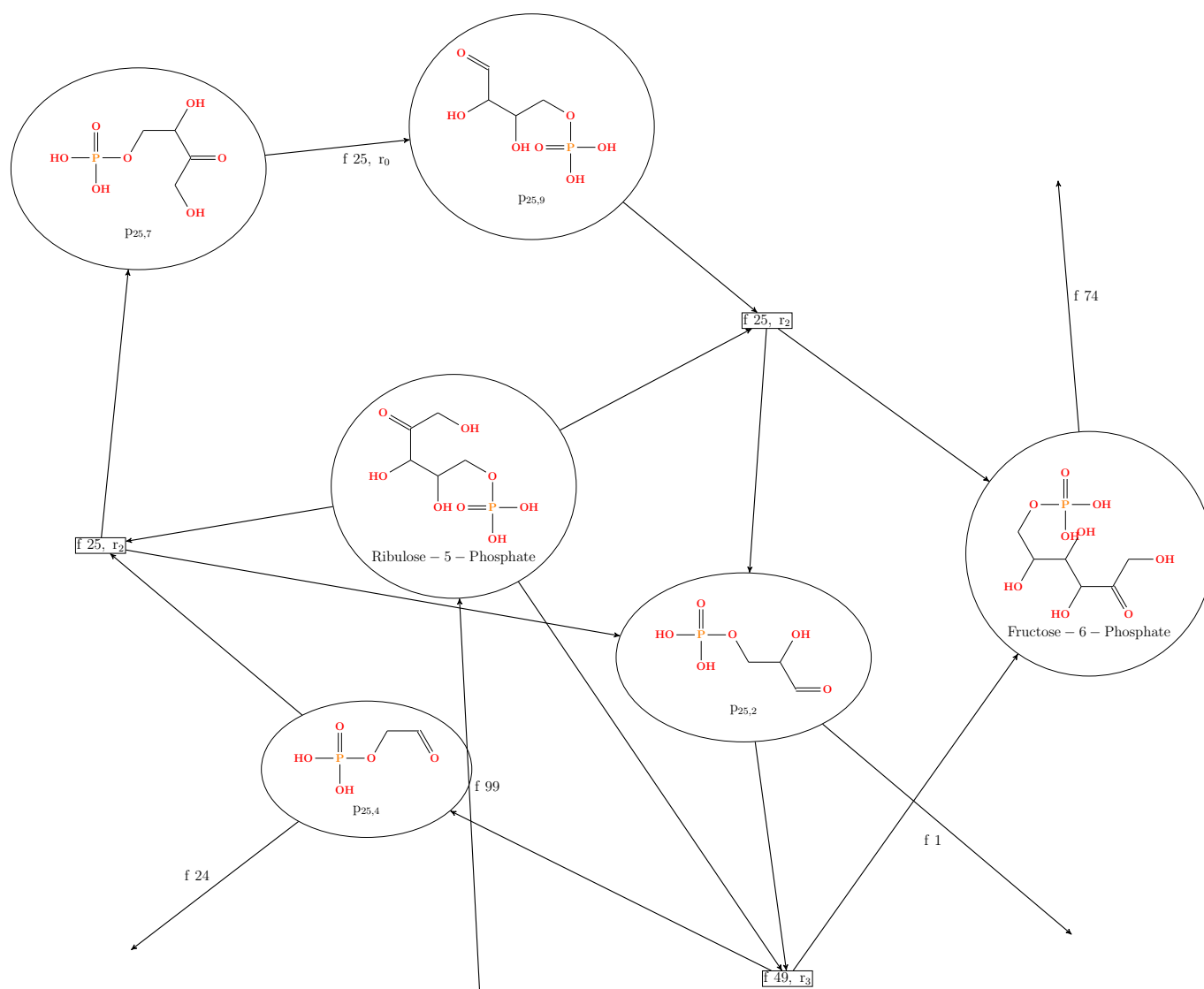
### 0.2.1 Solution 0

#### Overall Data

Objective value (integral): -74

Vertex/Graph	In	Out
Fructose-6-Phosphate	0	74
Ribulose-5-Phosphate	99	0
p_{25,2}	0	1
p_{25,4}	0	24

#### Filtered Graph



File: out/015\_dg\_25\_11100\_f\_25\_0\_filt

**0.3 Enzymes:** [Aldose-Ketose textless-(0), Aldose-Ketose -  
textgreater(1), Transketolase(2), Transaldolase(3)]

## **0.4 Flow Solutions, id 41**

### **0.4.1 Solution 0**

#### **Overall Data**

Objective value (integral): -74

Vertex/Graph	In	Out
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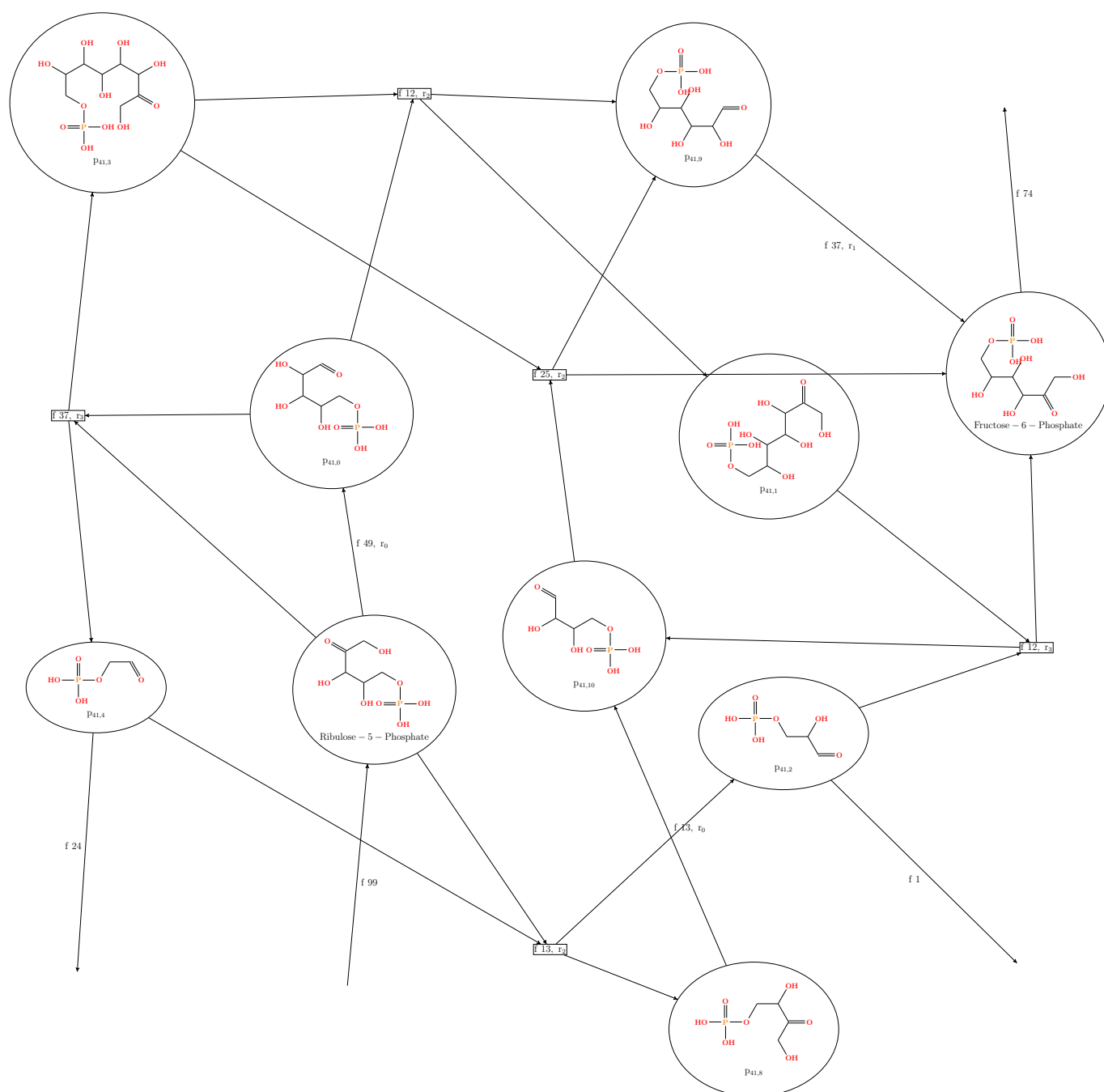
Fructose-6-Phosphate	0	74
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Ribulose-5-Phosphate	99	0
----------------------	----	---

p_{41,2}	0	1
----------	---	---

p_{41,4}	0	24
----------	---	----

## Filtered Graph



File: out/035\_dg\_41\_11100\_f\_41\_0\_filt

**0.5 Enzymes: [Aldose-Ketose textless-(0), Transketolase(2), Transaldolase(3), Aldolase(4)]**

**0.6 Flow Solutions, id 47**

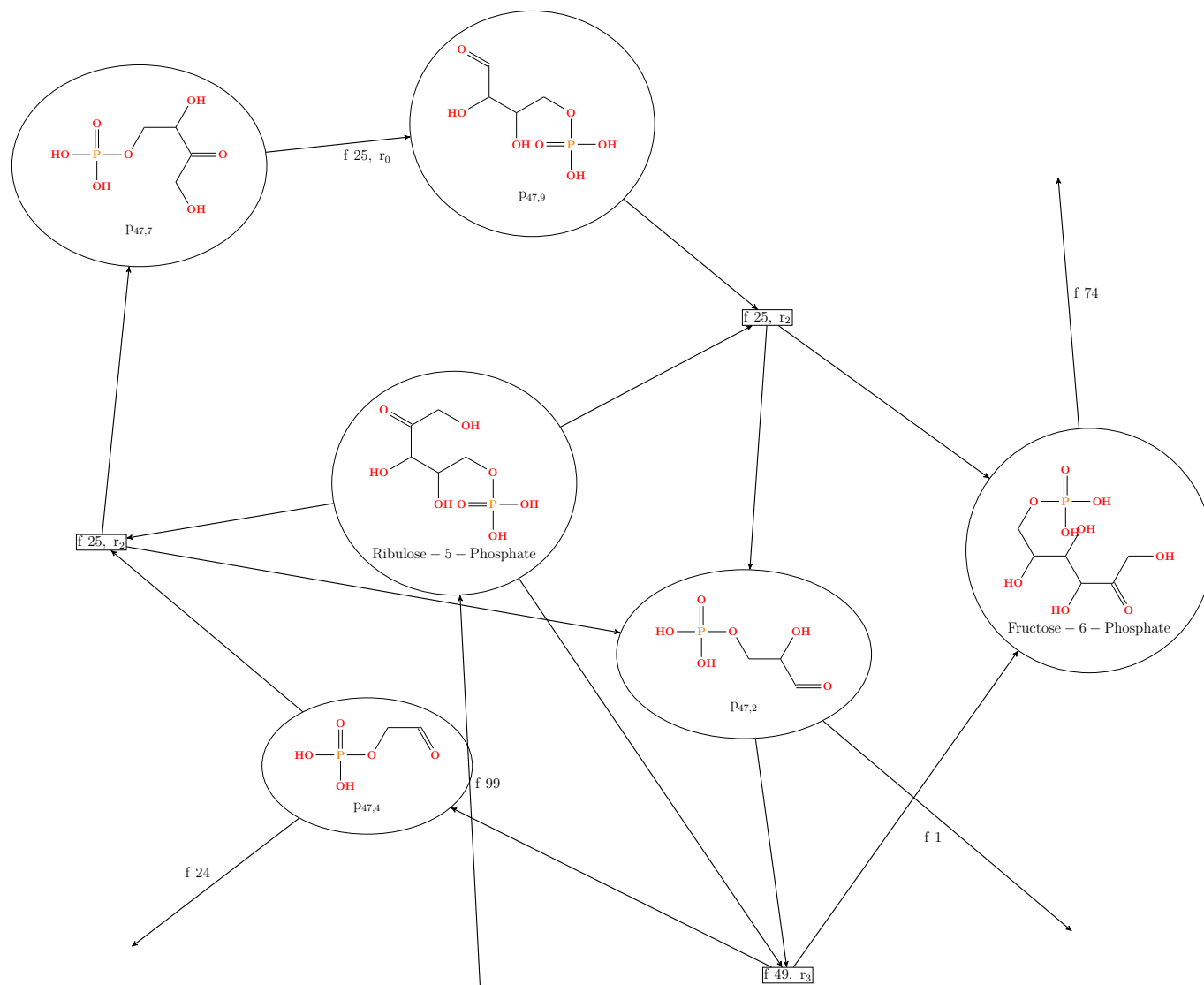
**0.6.1 Solution 0**

Overall Data

Objective value (integral): -74

Vertex/Graph	In	Out
Fructose-6-Phosphate	0	74
Ribulose-5-Phosphate	99	0
p_{47,2}	0	1
p_{47,4}	0	24

## Filtered Graph



File: out/047\_dg\_47\_11100\_f\_47\_0\_filt

## 0.7 Enzymes: [Aldose-Ketose textless-(0), Transketolase(2), Transaldolase(3), Phophohydrolase(5)]

## 0.8 Flow Solutions, id 48

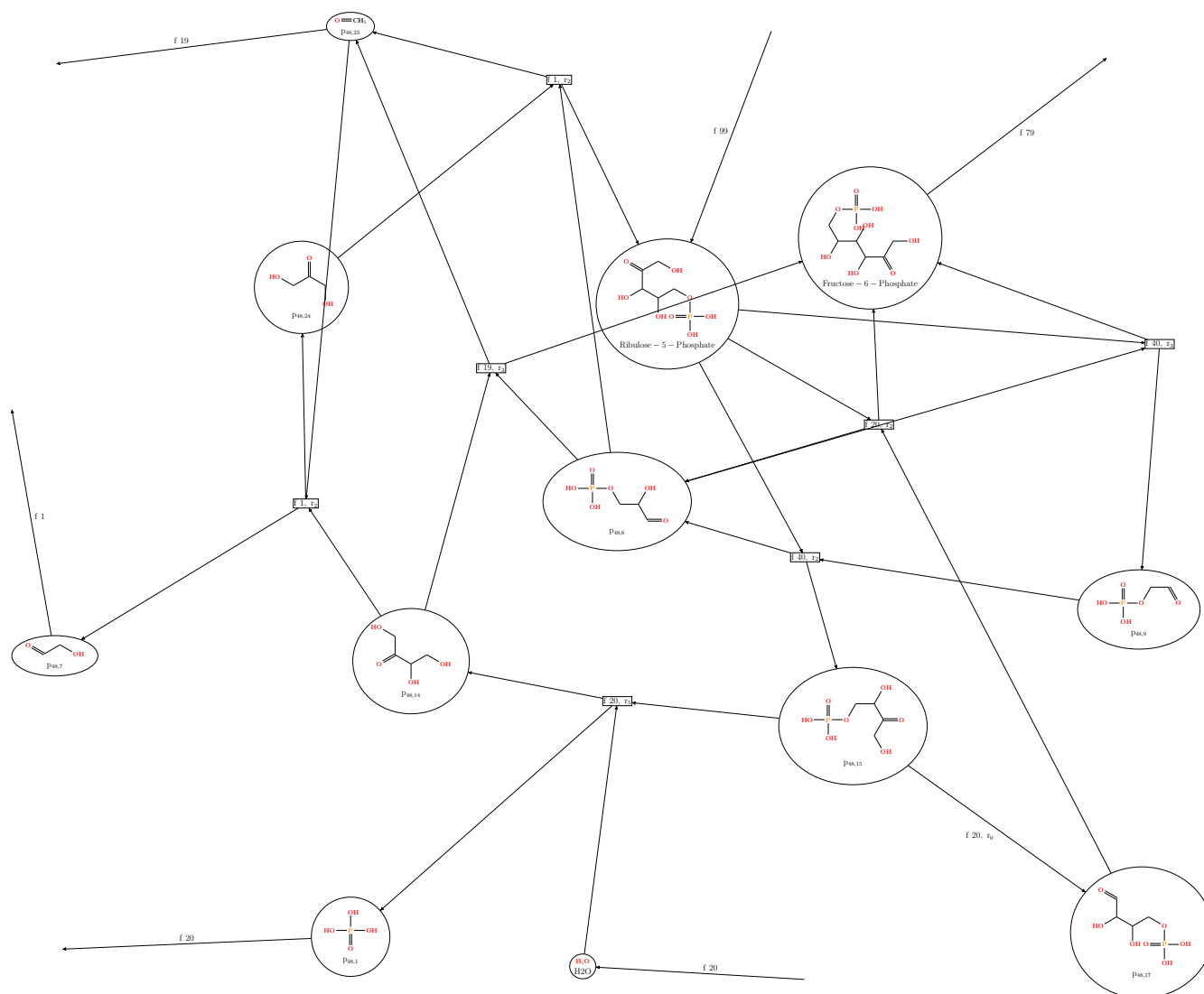
### 0.8.1 Solution 0

#### Overall Data

Objective value (integral): -79

Vertex/Graph	In	Out
Fructose-6-Phosphate	0	79
H2O	20	0
Ribulose-5-Phosphate	99	0
p_{48,1}	0	20
p_{48,23}	0	19
p_{48,7}	0	1

#### Filtered Graph



File: out/071\_dg\_48\_11100\_f\_48\_0\_filt

**0.9 Enzymes:** [Aldose-Ketose textless-(0), Aldose-Ketose -  
textgreater(1), Transketolase(2), Transaldolase(3), Al-  
dolase(4)]

## **0.10 Flow Solutions, id 56**

### **0.10.1 Solution 0**

#### **Overall Data**

Objective value (integral): -74

Vertex/Graph	In	Out
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Fructose-6-Phosphate	0	74
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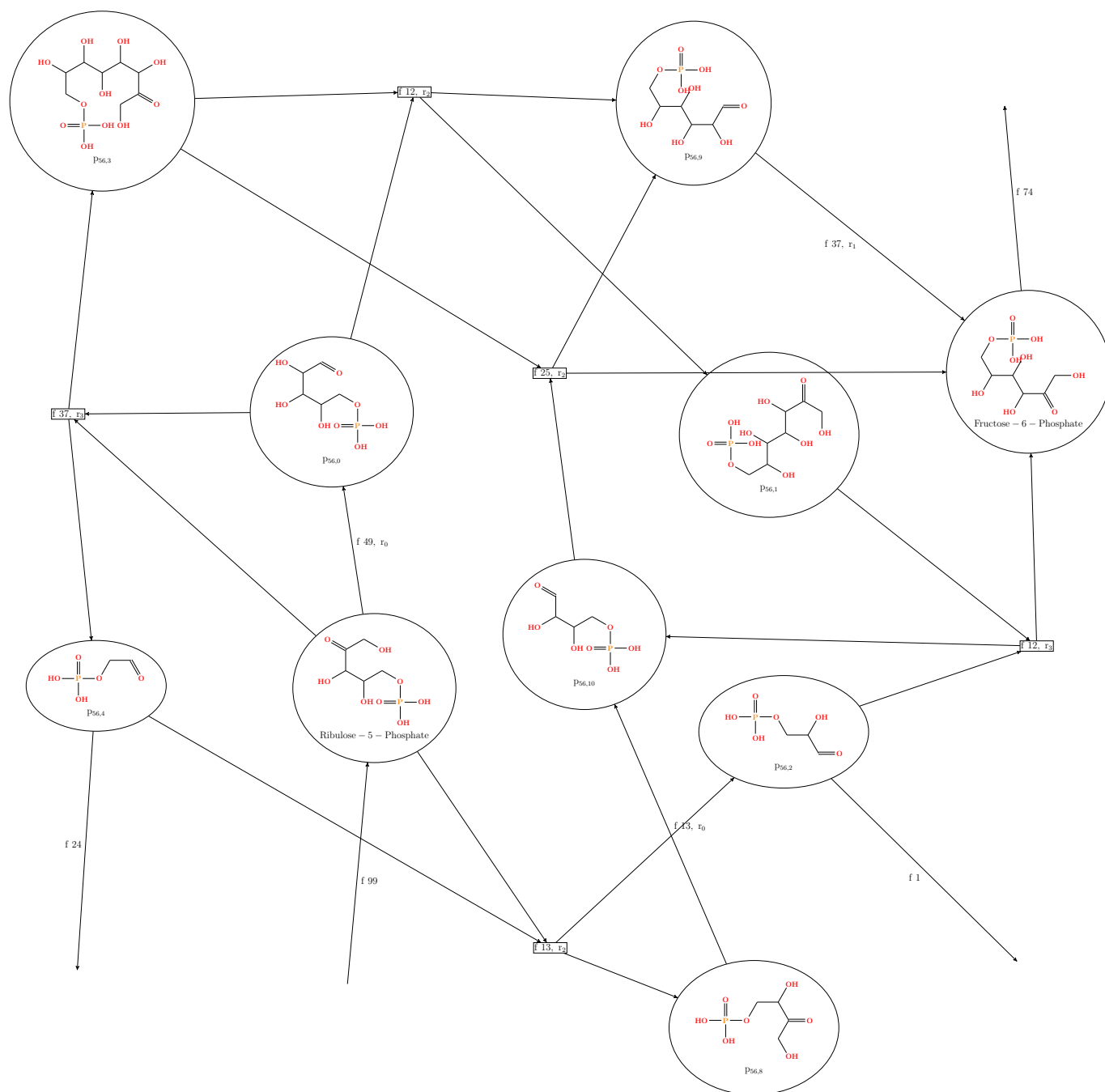
Ribulose-5-Phosphate	99	0
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p_{56,2}	0	1
----------	---	---

p_{56,4}	0	24
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## Filtered Graph



File: out/091\_dg\_56\_11100\_f\_56\_0\_filt

**0.11 Enzymes:** [Aldose-Ketose textless-(0), Aldose-Ketose - textgreater(1), Transketolase(2), Transaldolase(3), Phophohydrolase(5)]

## **0.12 Flow Solutions, id 57**

### **0.12.1 Solution 0**

#### **Overall Data**

Objective value (integral): -79

Vertex/Graph	In	Out
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Fructose-6-Phosphate	0	79
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H2O	19	0
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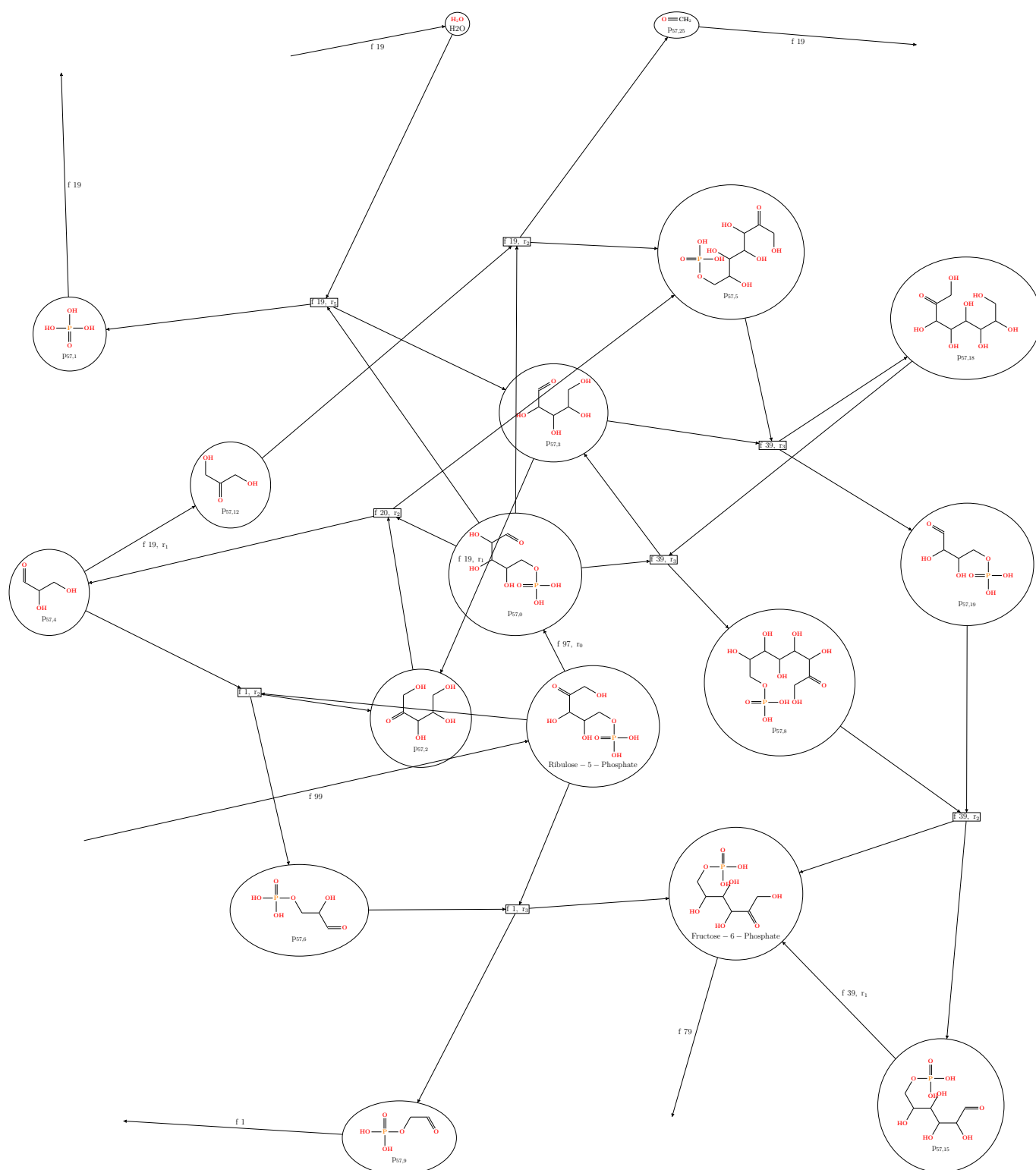
Ribulose-5-Phosphate	99	0
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p_{57,1}	0	19
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p_{57,25}	0	19
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p_{57,9}	0	1
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## Filtered Graph



File: out/123\_dg\_57\_11100\_f\_57\_0\_filt

**0.13 Enzymes:** [Aldose-Ketose textless-(0), Aldose-Ketose -  
textgreater(1), Transketolase(2), Aldolase(4), Phopho-  
hydrolase(5)]

## **0.14 Flow Solutions, id 58**

### **0.14.1 Solution 0**

#### **Overall Data**

Objective value (integral): -24

Vertex/Graph	In	Out
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Fructose-6-Phosphate	0	24
----------------------	---	----

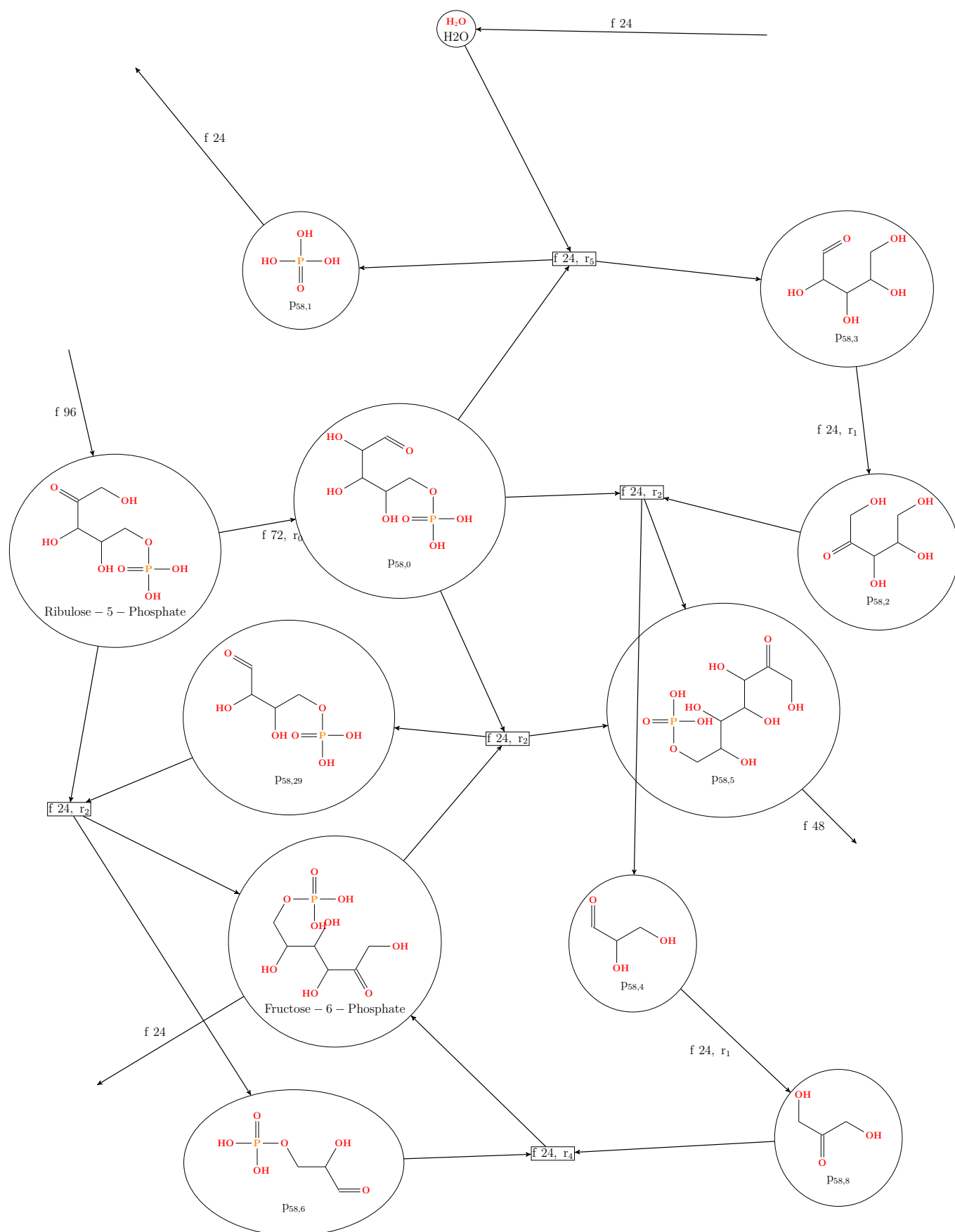
H2O	24	0
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Ribulose-5-Phosphate	96	0
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p_{58,1}	0	24
----------	---	----

p_{58,5}	0	48
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## Filtered Graph



File: out/145\_dg\_58\_11100\_f\_58\_0\_filt

**0.15 Enzymes:** [Aldose-Ketose textless-(0), Aldose-Ketose -textgreater(1), Transaldolase(3), Aldolase(4), Phophohydrolase(5)]

## **0.16 Flow Solutions, id 59**

### **0.16.1 Solution 0**

#### **Overall Data**

Objective value (integral): -16

Vertex/Graph	In	Out
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Fructose-6-Phosphate	0	16
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H2O	33	0
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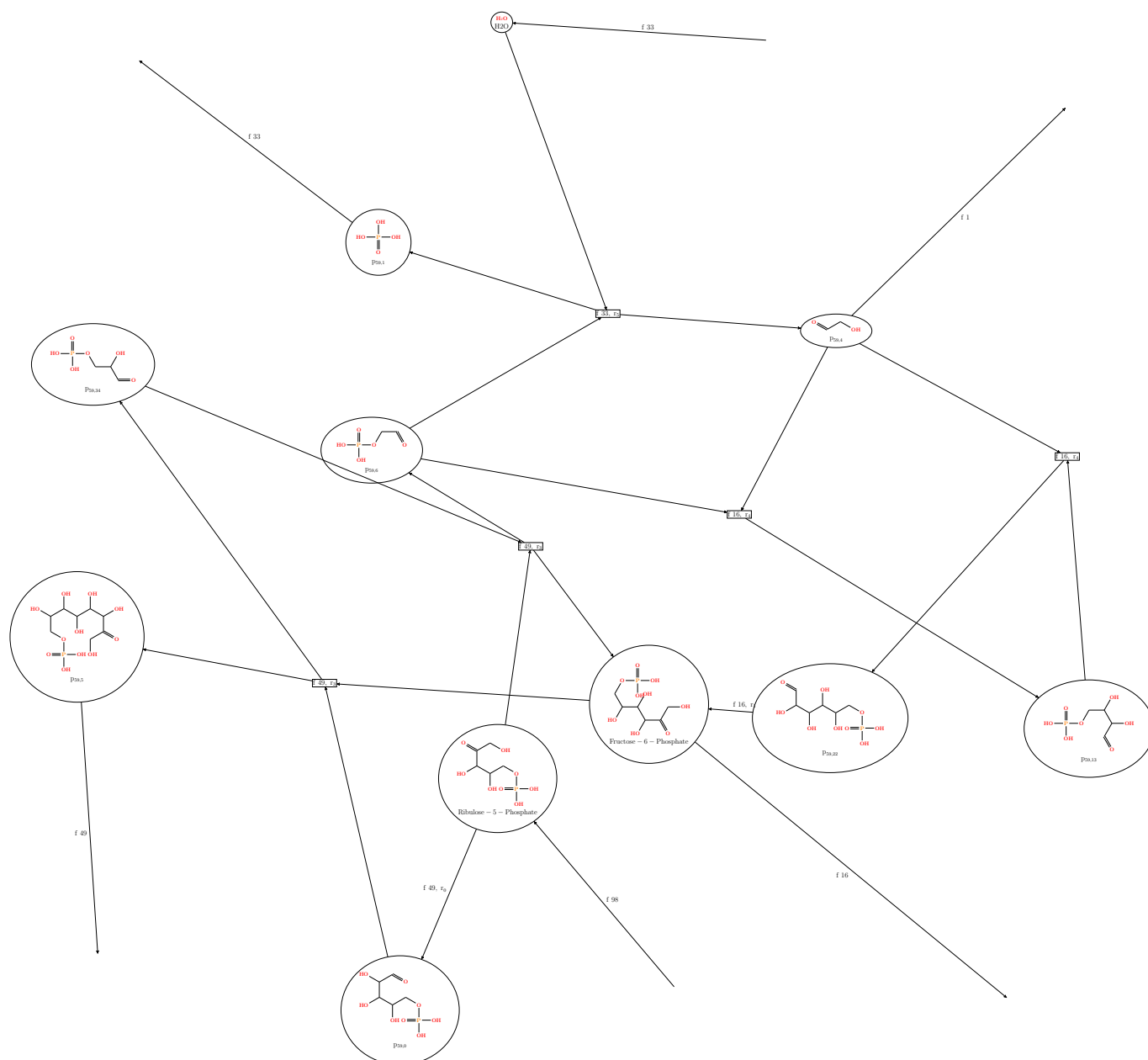
Ribulose-5-Phosphate	98	0
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p_{59,1}	0	33
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p_{59,4}	0	1
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p_{59,5}	0	49
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## Filtered Graph



File: out/165\_dg\_59\_11100\_f\_59\_0\_filt

0.17 Enzymes: [Aldose-Ketose textless-(0), Transketolase(2), Transaldolase(3), Aldolase(4), Phophohydrolase(5)]

### 0.18 Flow Solutions, id 60

### 0.18.1 Solution 0

## Overall Data

Objective value (integral): -82

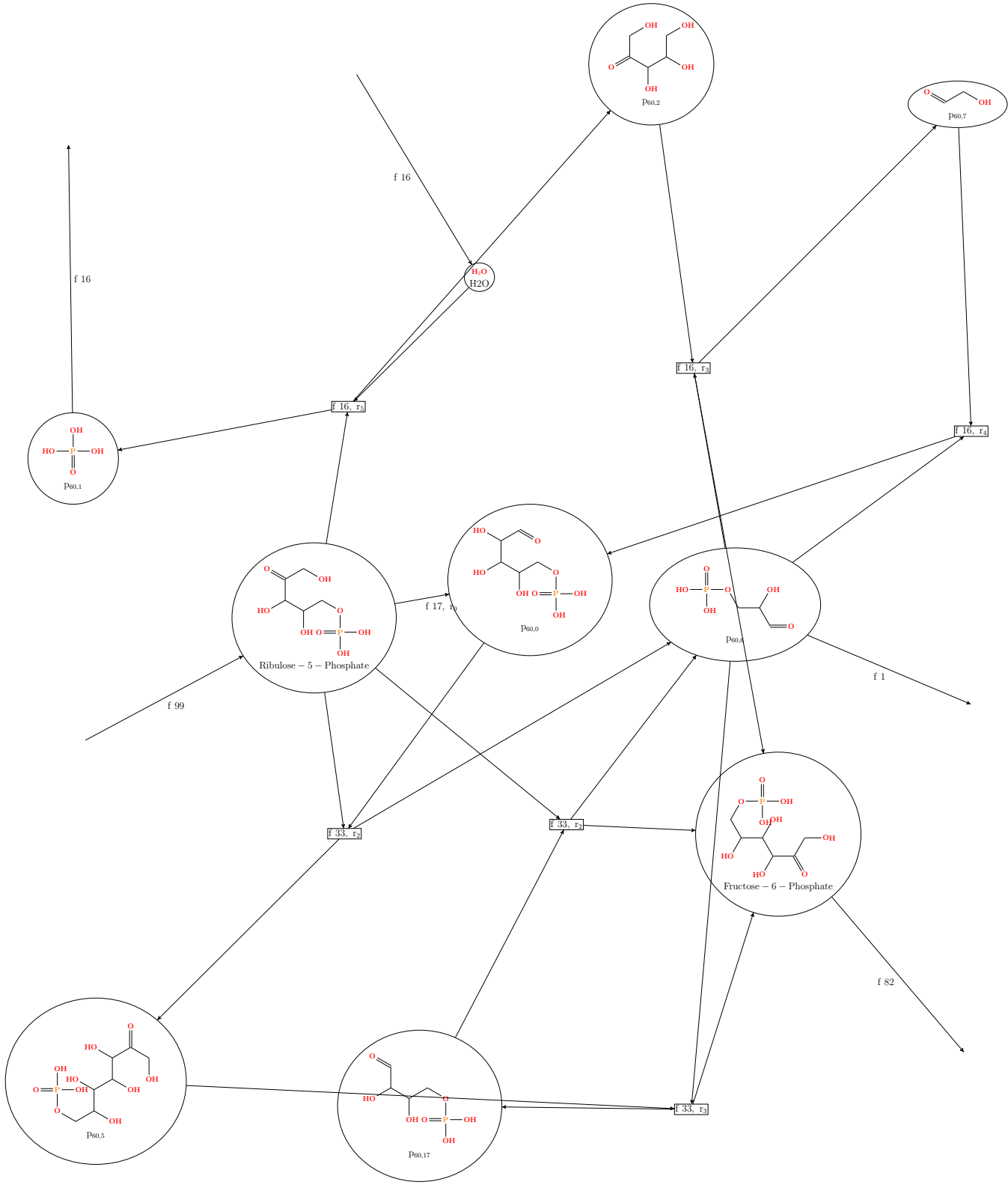
Vertex/Graph	In	Out
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Fructose-6-Phosphate 0 82

H2O	16 0
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Ribulose-5-Phosphate	99	0
p_{60,1}	0	16
p_{60,6}	0	1

## Filtered Graph



File: out/183\_dg\_60\_11100\_f\_60\_0\_filt



**0.19 Enzymes:** [Aldose-Ketose textless-(0), Aldose-Ketose -textgreater(1), Transketolase(2), Transaldolase(3), Aldolase(4), Phosphohydrolase(5)]

## **0.20 Flow Solutions, id 62**

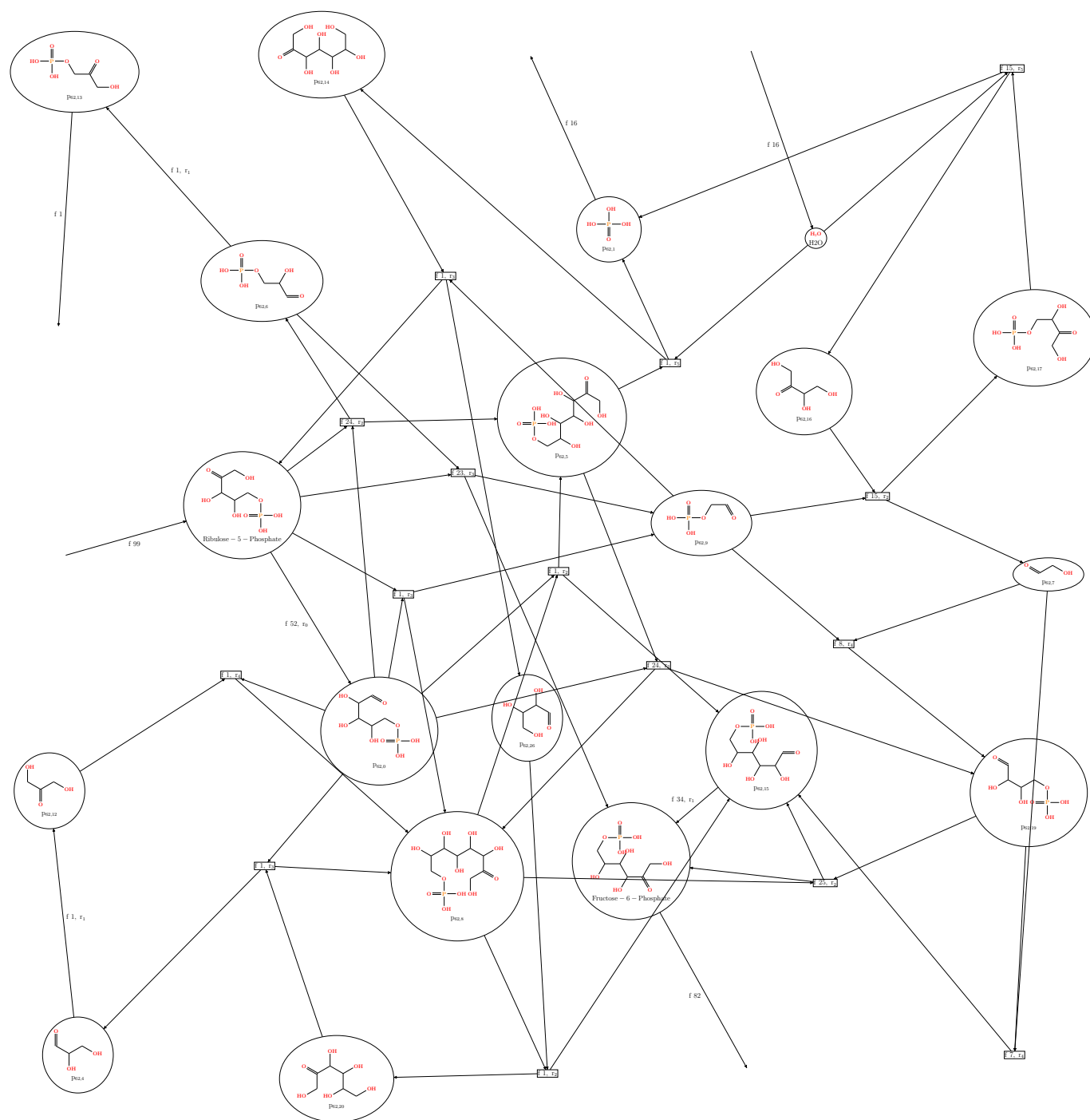
### **0.20.1 Solution 0**

#### **Overall Data**

Objective value (integral): -82

Vertex/Graph	In	Out
Fructose-6-Phosphate	0	82
H2O	16	0
Ribulose-5-Phosphate	99	0
p_{62,13}	0	1
p_{62,1}	0	16

## Filtered Graph



File: out/221\_dg\_62\_11100\_f\_62\_0\_filt