Summary

October 14, 2024

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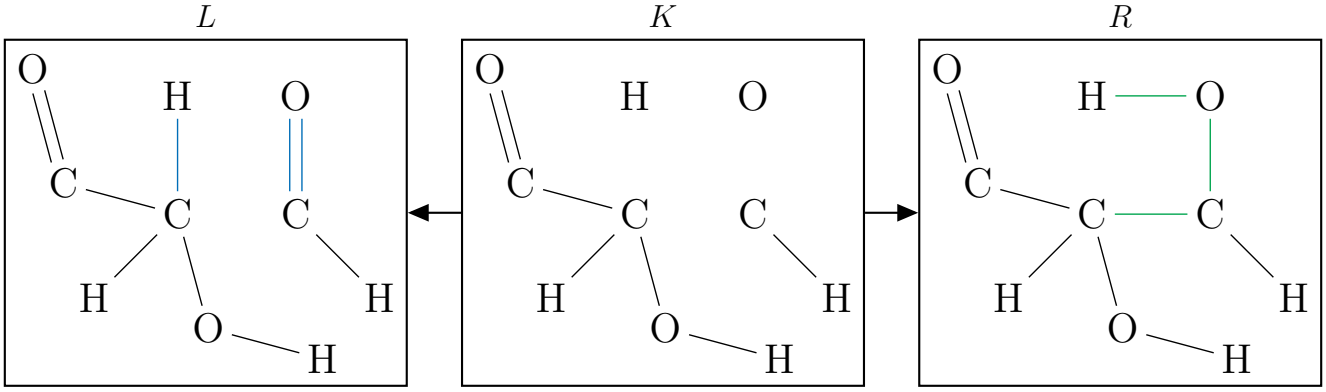
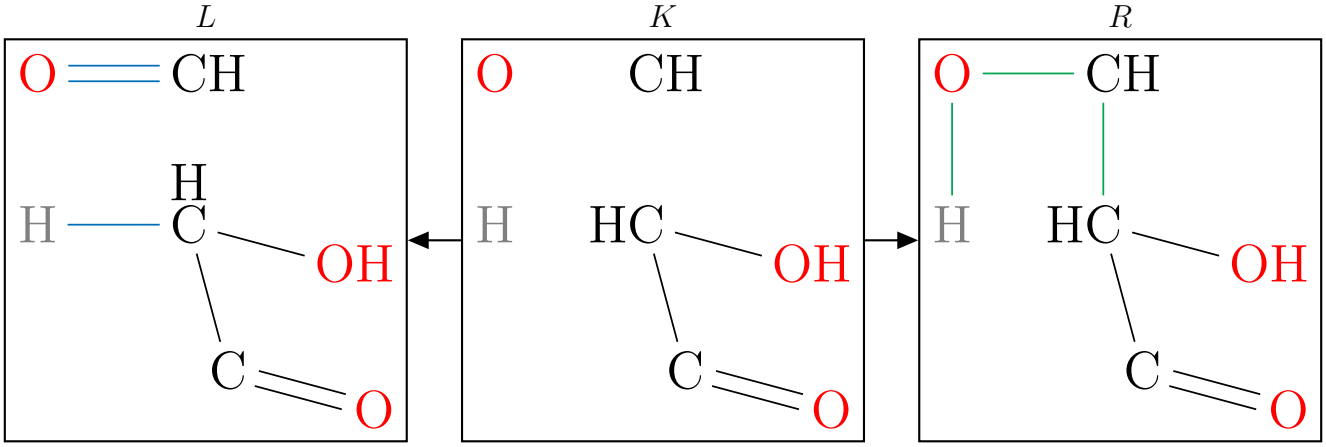
0.1 Loaded Rules

0.1.1 AL

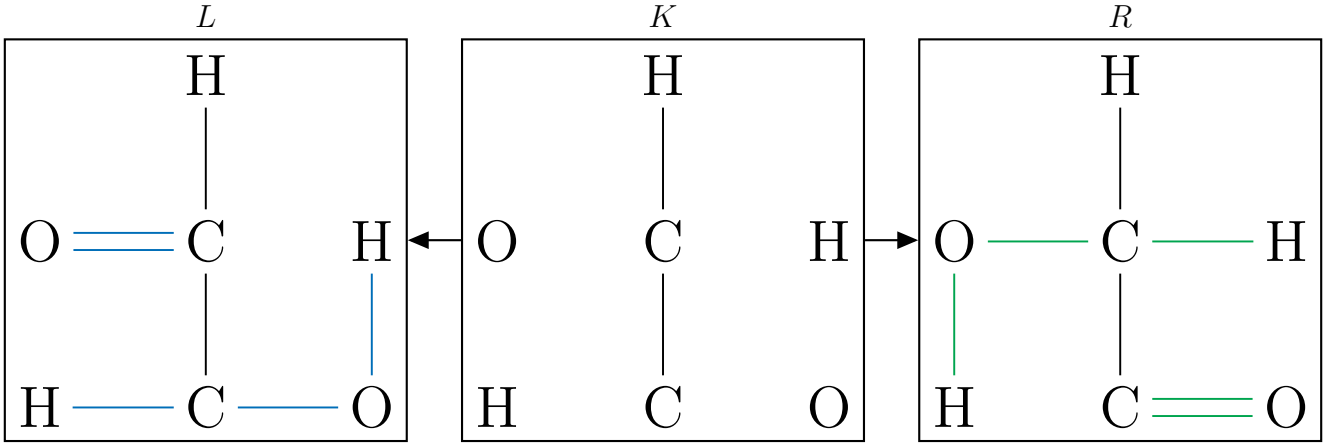


Files: out/001_r_0_10300000_{L, K, R}

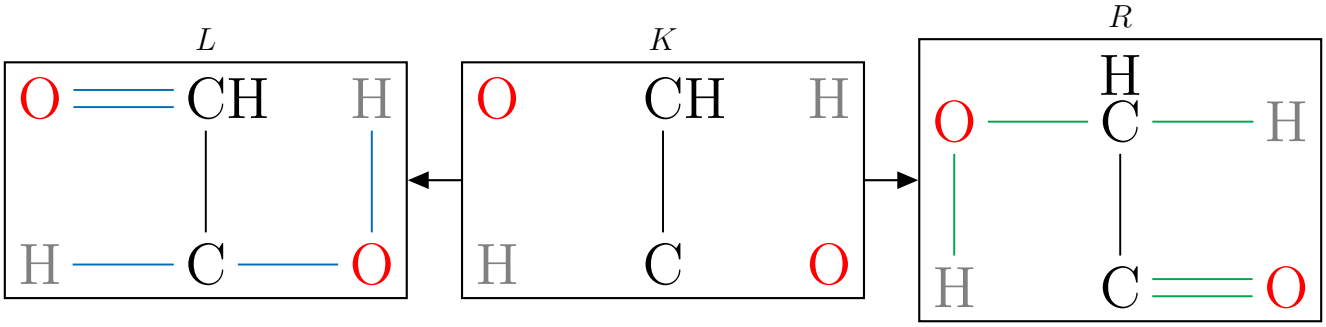


Files: out/003_r_0_11300100_{L, K, R}

0.1.2 AlKe



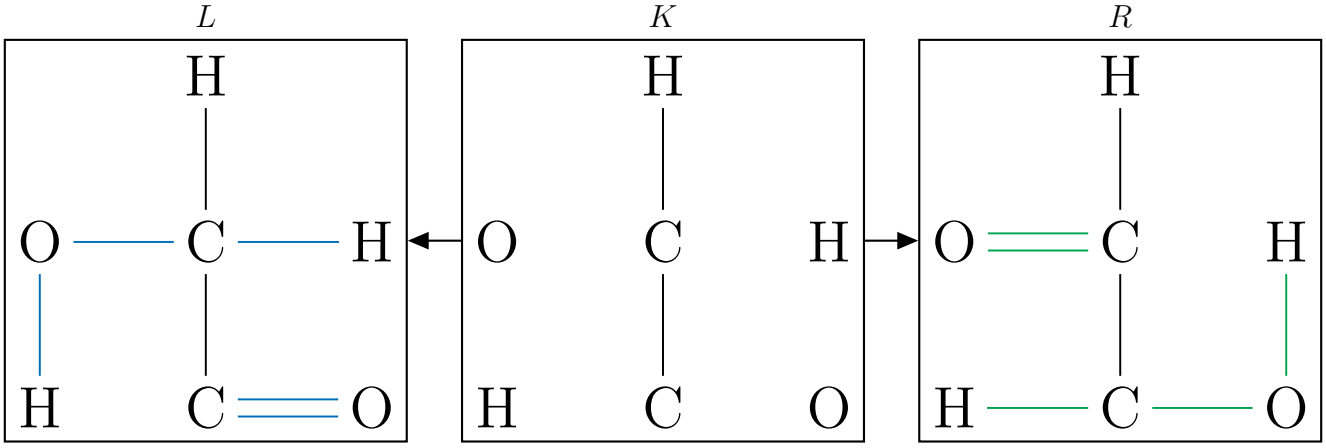
Files: out/006_r_1_10300000_{L, K, R}



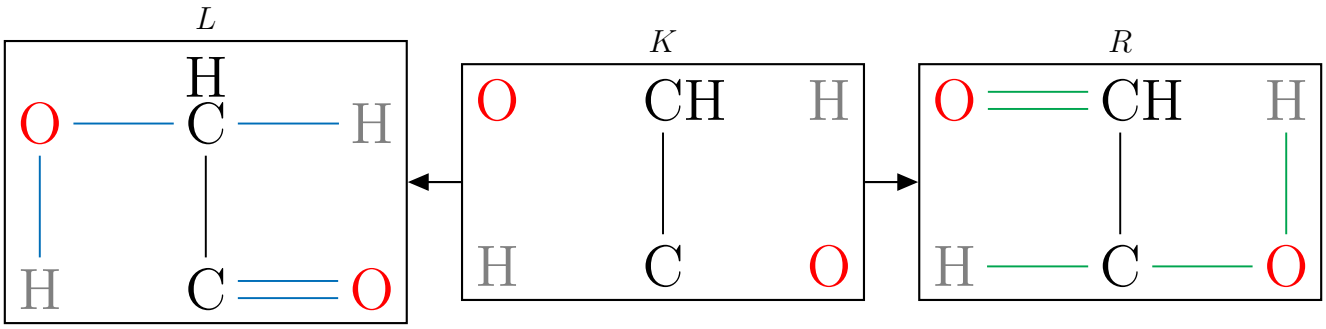
Files: out/008_r_1_11300100_{L, K, R}

$$|\{e \in \text{outEdges}(1) \mid \text{label}(\text{target}(e)) \in \{\text{'O'}\}\}| = 1$$

0.1.3 KeAl



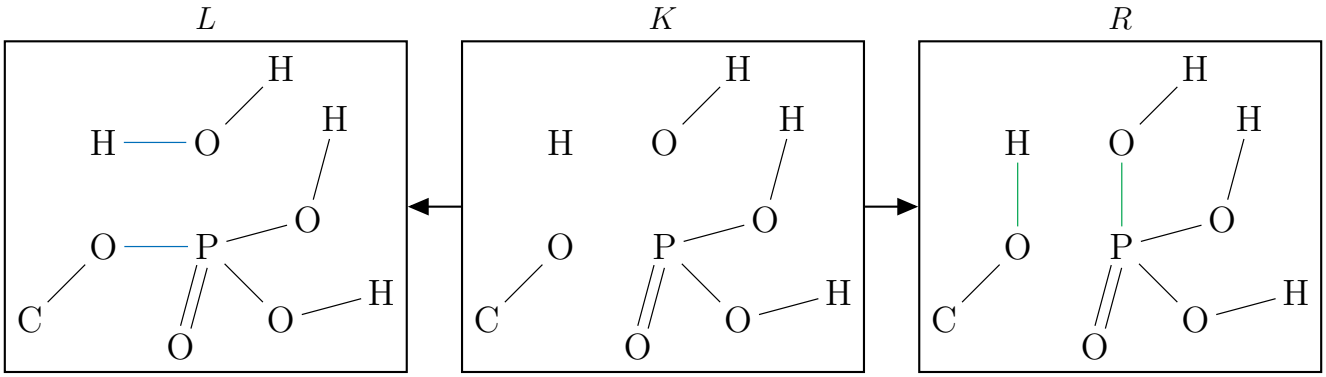
Files: out/011_r_2_10300000_{L, K, R}



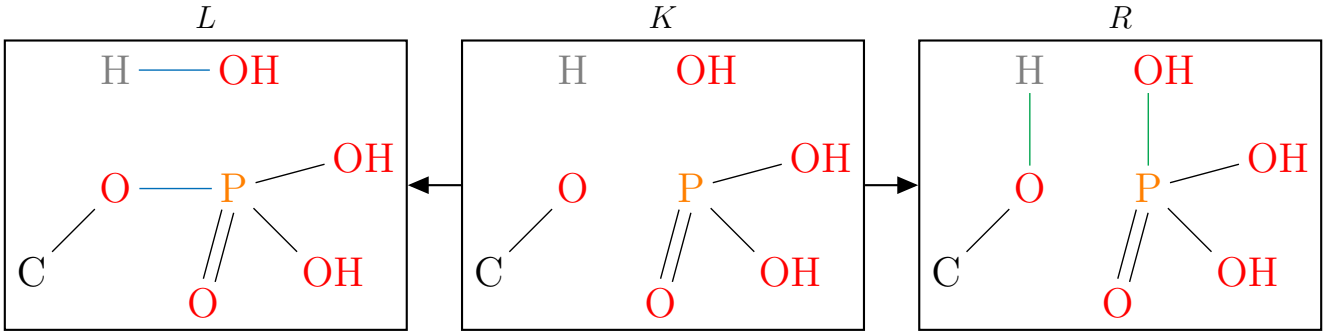
Files: out/013_r_2_11300100_{L, K, R}

$$|\{e \in \text{outEdges}(1) \mid \text{label}(\text{target}(e)) \in \{\text{'O'}\}\}| = 1$$

0.1.4 PHL

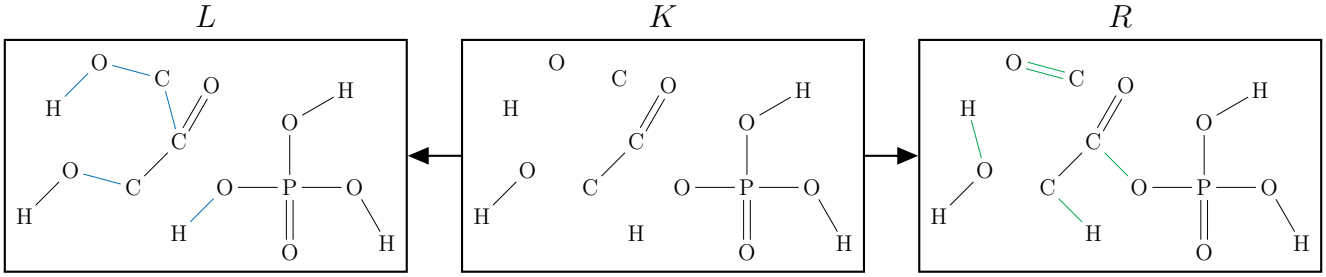


Files: out/016_r_3_10300000_{L, K, R}

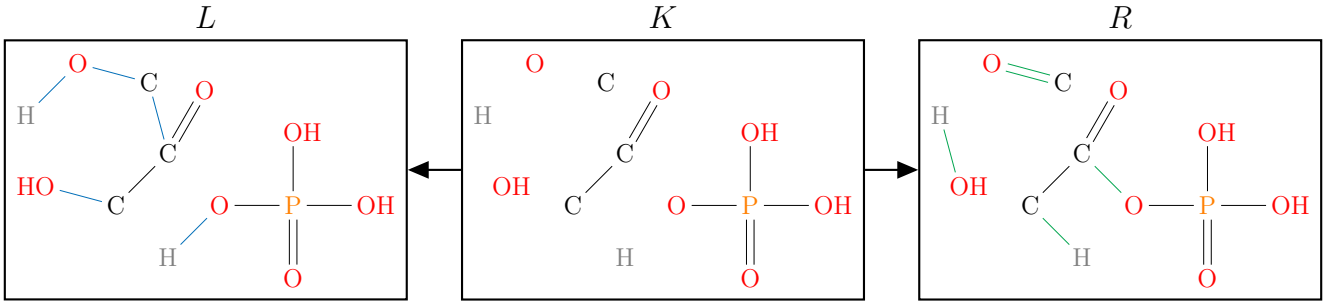


Files: out/018_r_3_11300100_{L, K, R}

0.1.5 PKL

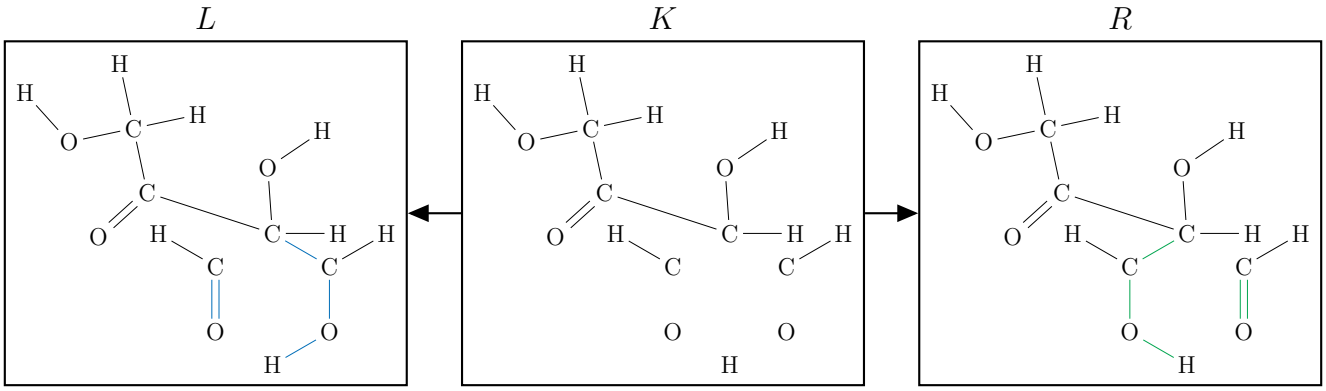


Files: out/021_r_4_10300000_{L, K, R}

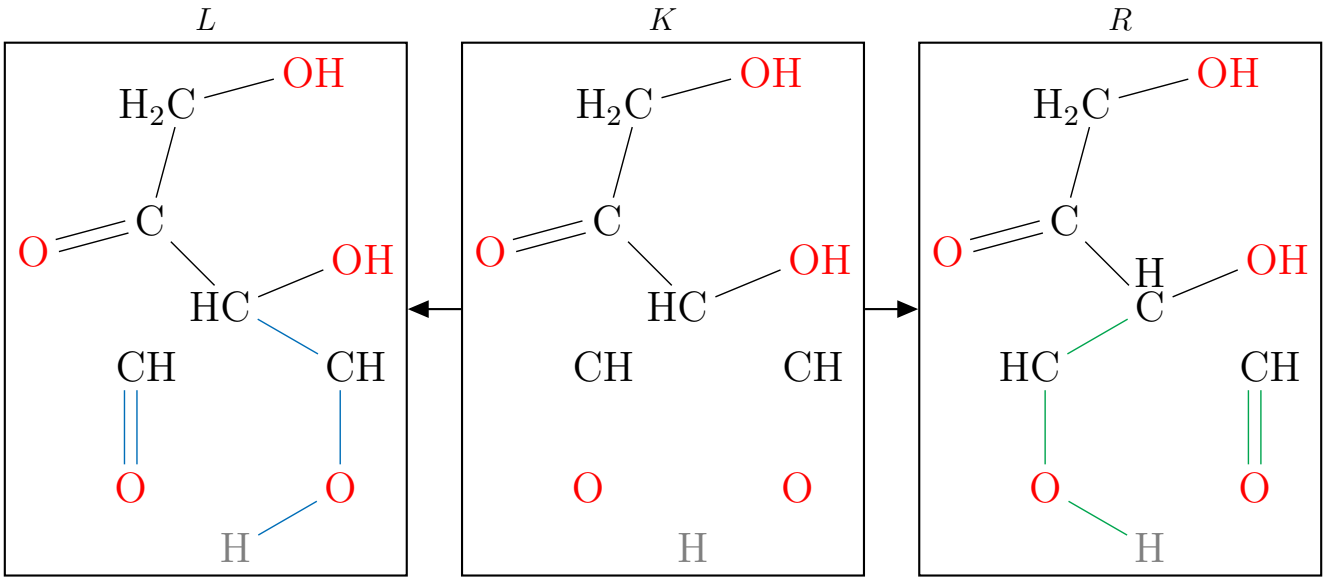


Files: out/023_r_4_11300100_{L, K, R}

0.1.6 TAL

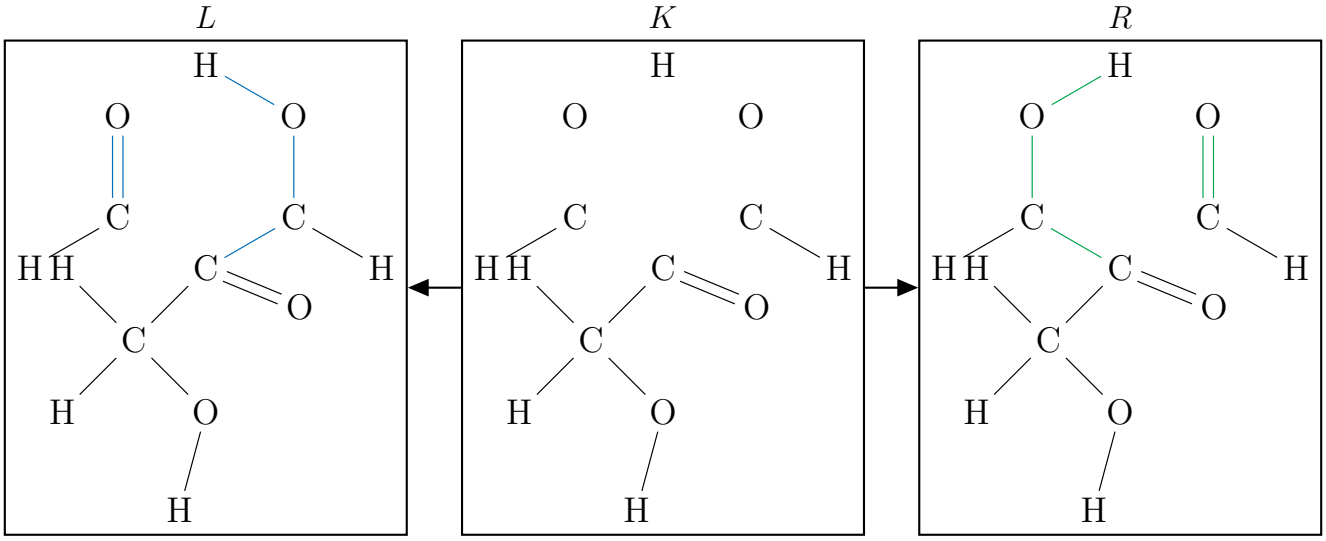


Files: out/026_r_5_10300000_{L, K, R}

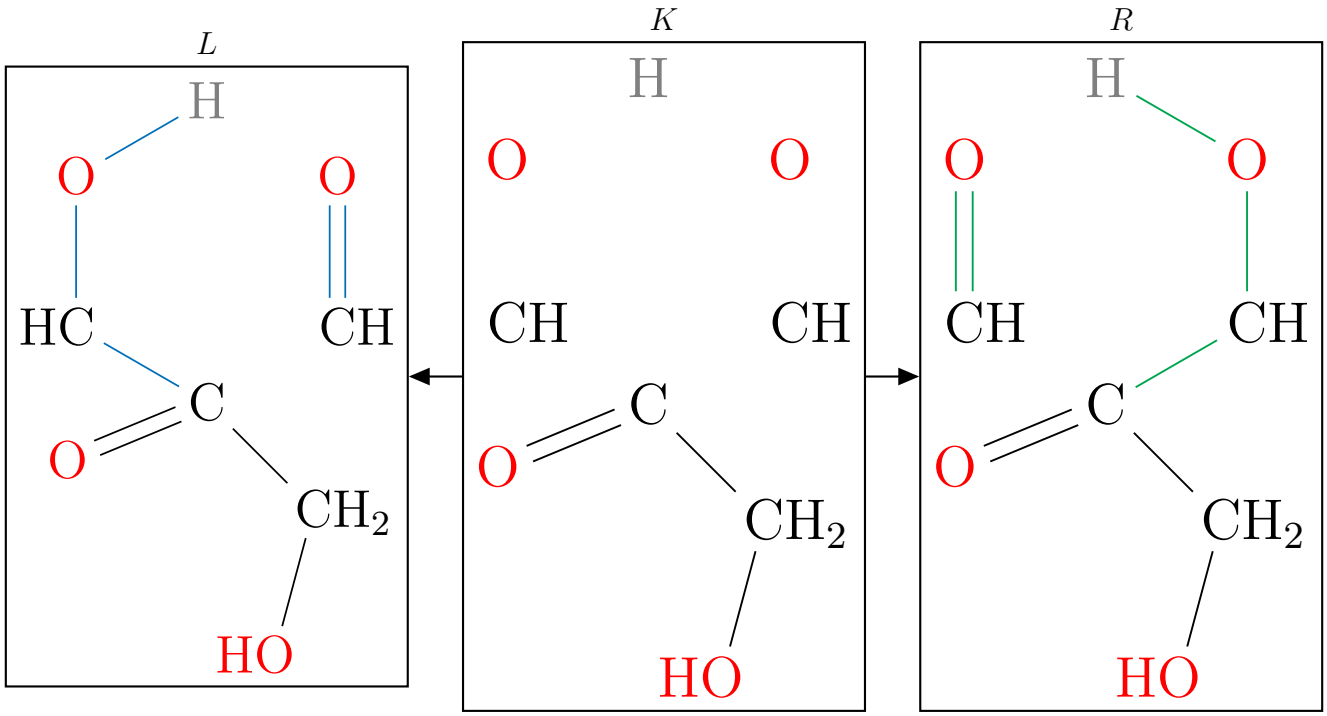


Files: out/028_r_5_11300100_{L, K, R}

0.1.7 TKL



Files: out/031_r_6_10300000_{L, K, R}



Files: out/033_r_6_11300100_{L, K, R}

0.2 Derivation Graph

0.2.1 DG Hyper, dg_0

Figure too large, see out/035_dg_0_11100_coord.pdf

File: out/198_dg_0_11100

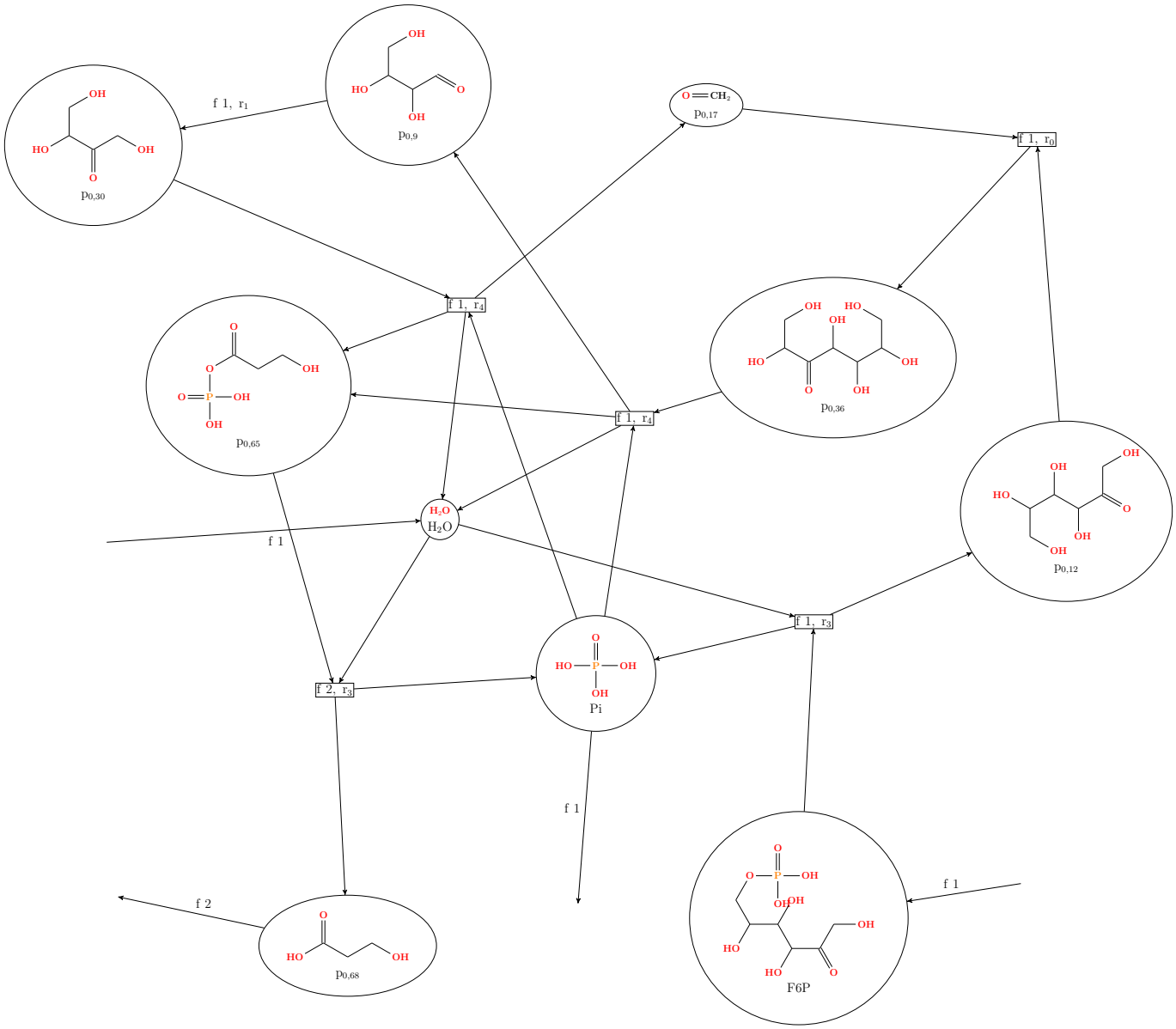
|V| = 81
|E| = 414

0.2.2 Solution 0

Overall Data

```
Objective value (integral): 7
Vertex/Graph In Out
F6P          1  0
H_20         1  0
Pi           0  1
p_{0,68}     0  2
```

Filtered Graph



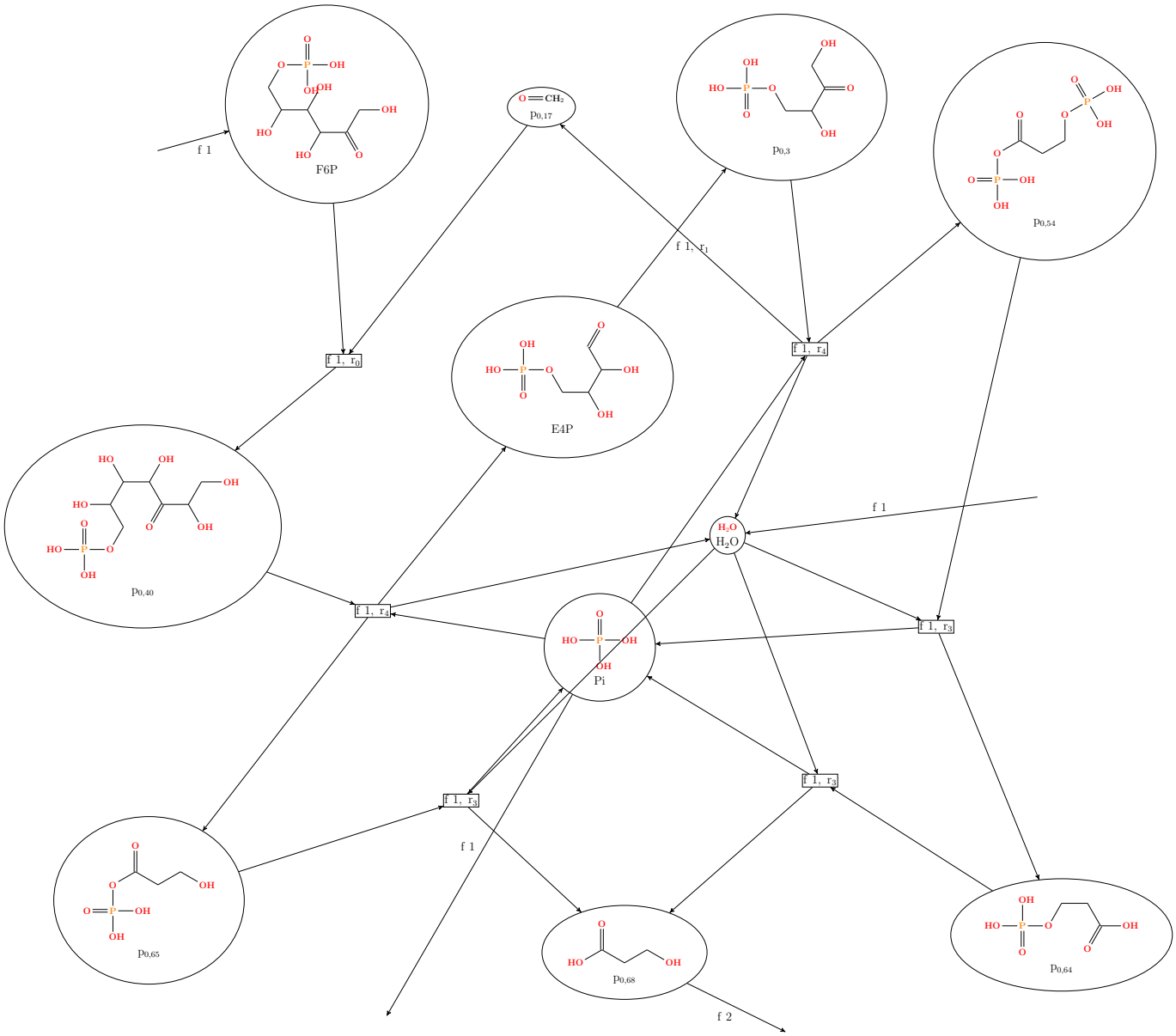
File: `out/203_dg_0_11100_f_0_0_filt`

0.2.3 Solution 1

Overall Data

```
Objective value (integral): 7
Vertex/Graph In Out
F6P          1  0
H_2O         1  0
Pi           0  1
p_{0,68}     0  2
```

Filtered Graph



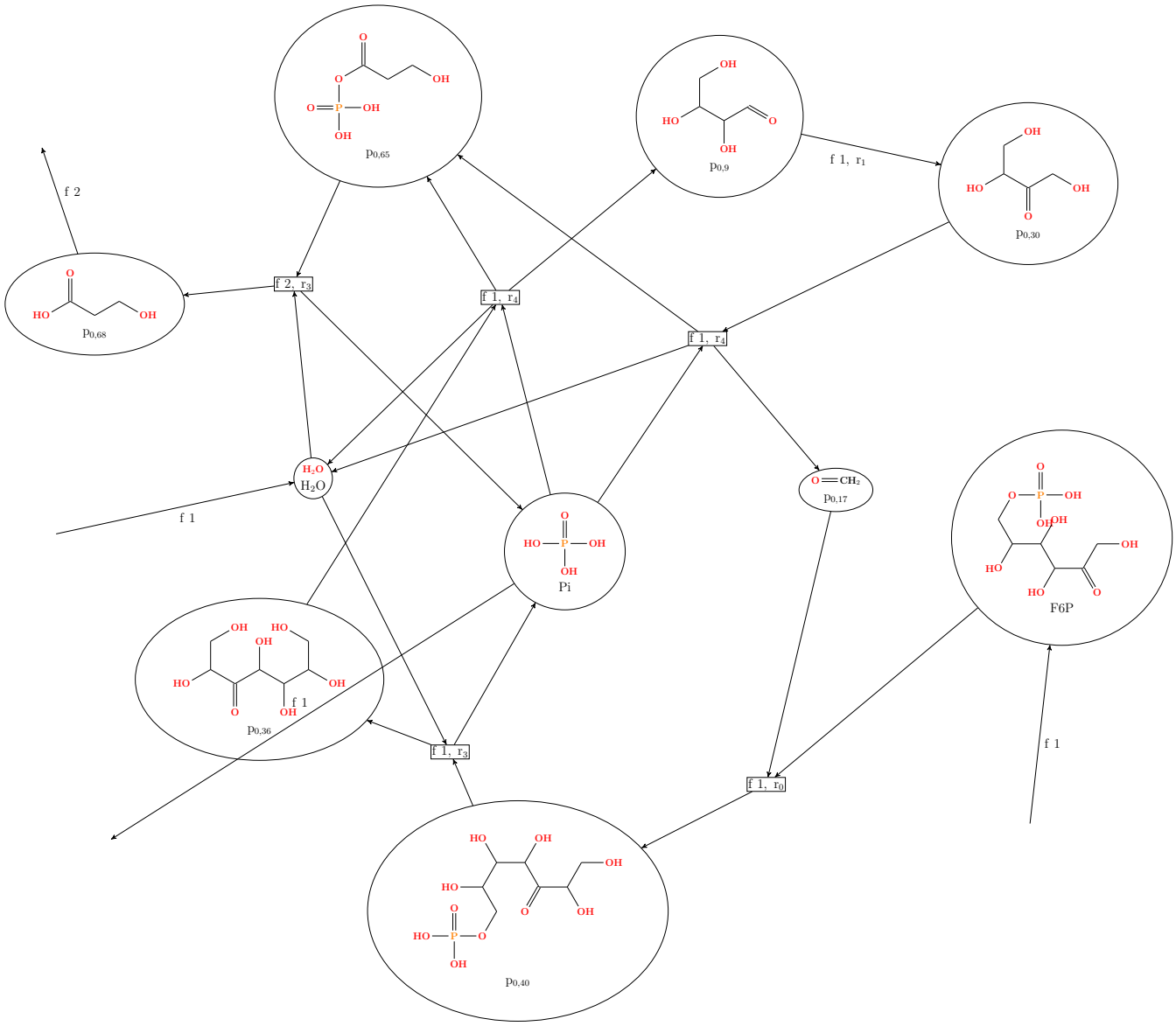
File: `out/206_dg_0_11100_f_0_1_filt`

0.2.4 Solution 2

Overall Data

```
Objective value (integral): 7
Vertex/Graph In Out
F6P          1  0
H_2O         1  0
Pi           0  1
p_{0,68}     0  2
```

Filtered Graph



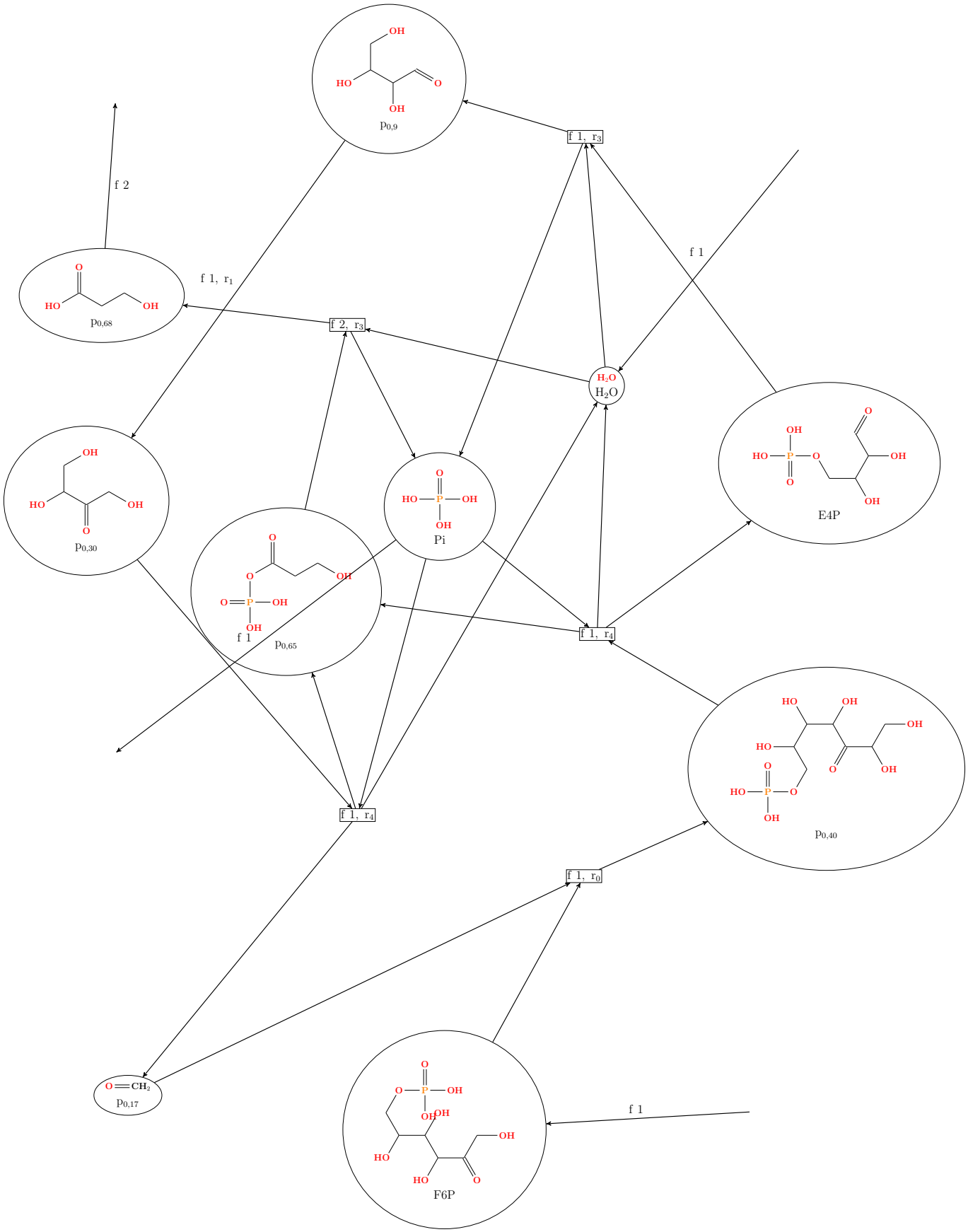
File: `out/209_dg_0_11100_f_0_2_filt`

0.2.5 Solution 3

Overall Data

```
Objective value (integral): 7
Vertex/Graph In Out
F6P          1  0
H_2O         1  0
Pi           0  1
p_{0,68}     0  2
```

Filtered Graph



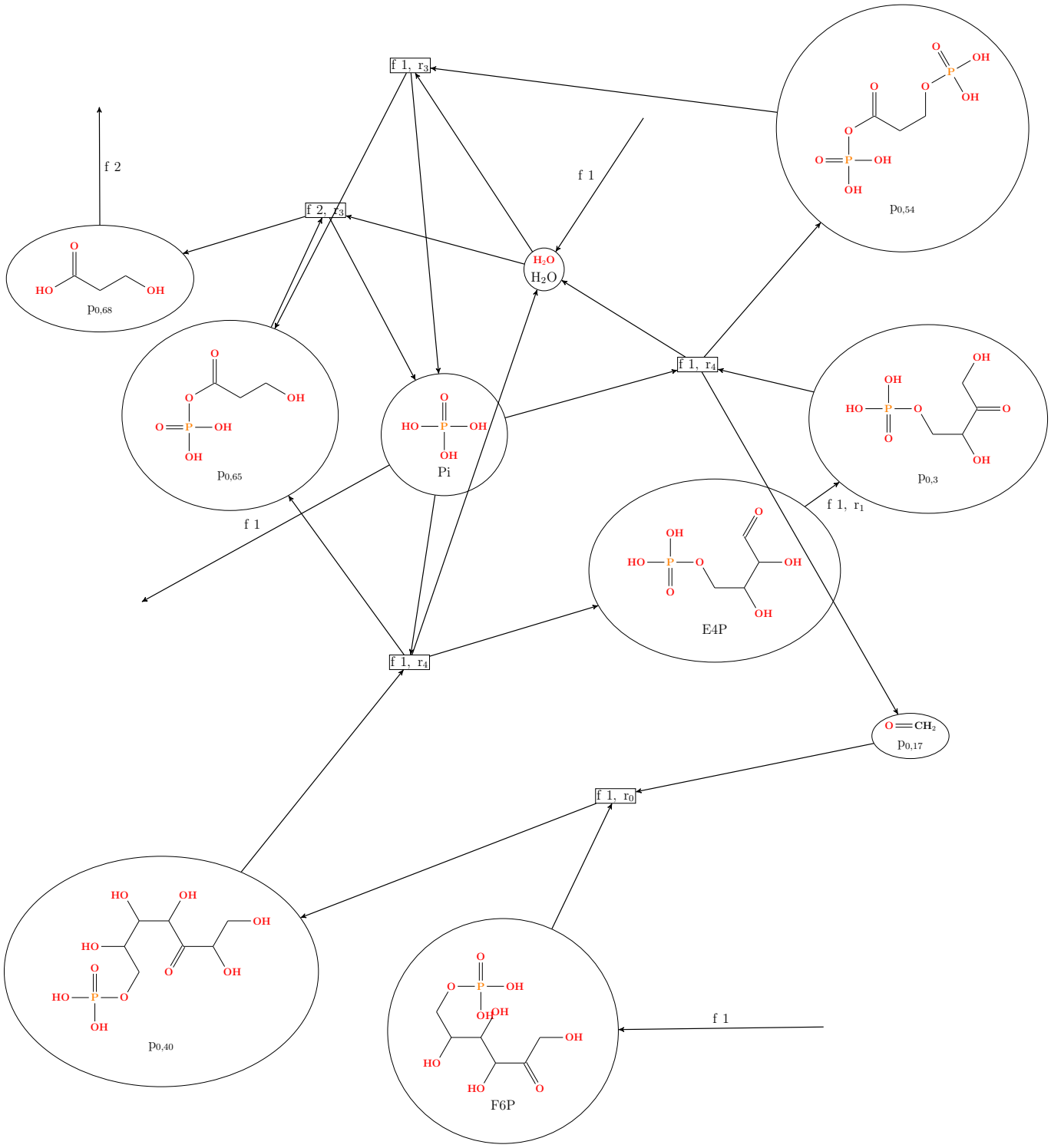
File: `out/212_dg_0_11100_f_0_3_filt`

0.2.6 Solution 4

Overall Data

```
Objective value (integral): 7
Vertex/Graph In Out
F6P           1  0
H_2O          1  0
Pi            0  1
p_{0,68}      0  2
```

Filtered Graph



File: `out/215_dg_0_11100_f_0_4_filt`

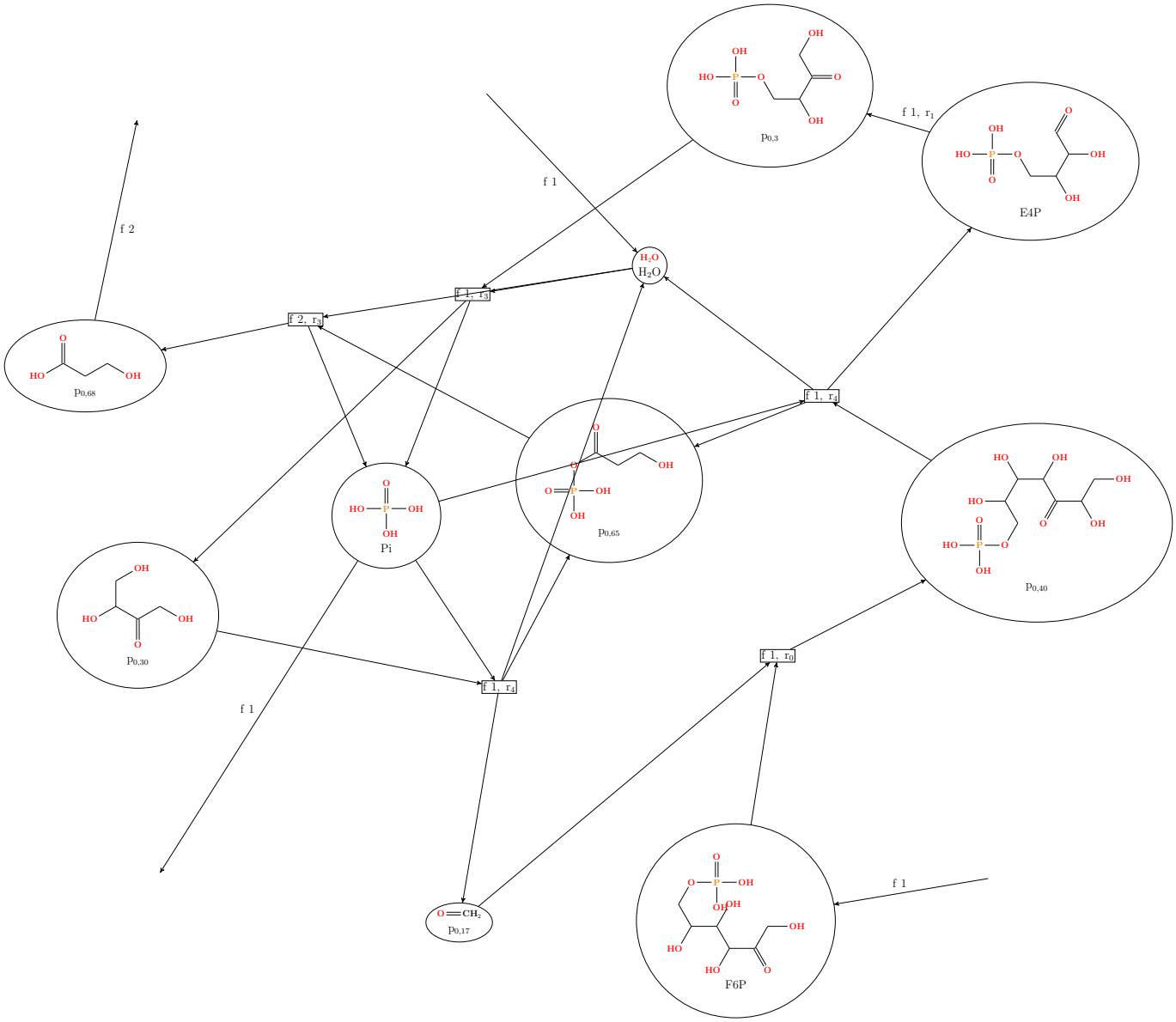
0.2.7 Solution 5

Overall Data

```
Objective value (integral): 7
Vertex/Graph In Out
F6P          1  0
```

H_2O	1	0
Pi	0	1
p_{0,68}	0	2

Filtered Graph



File: `out/218_dg_0_11100_f_0_5_filt`