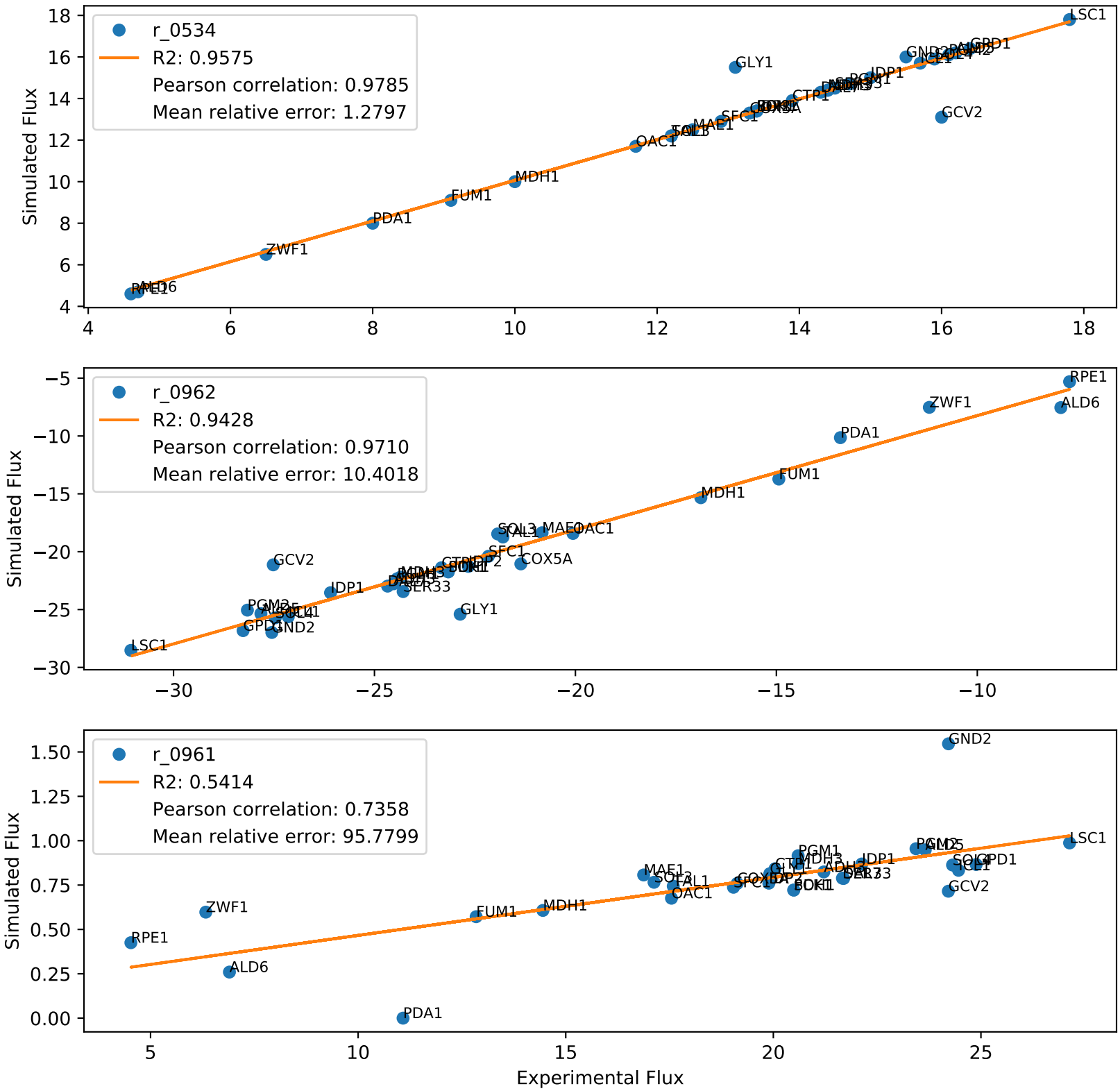
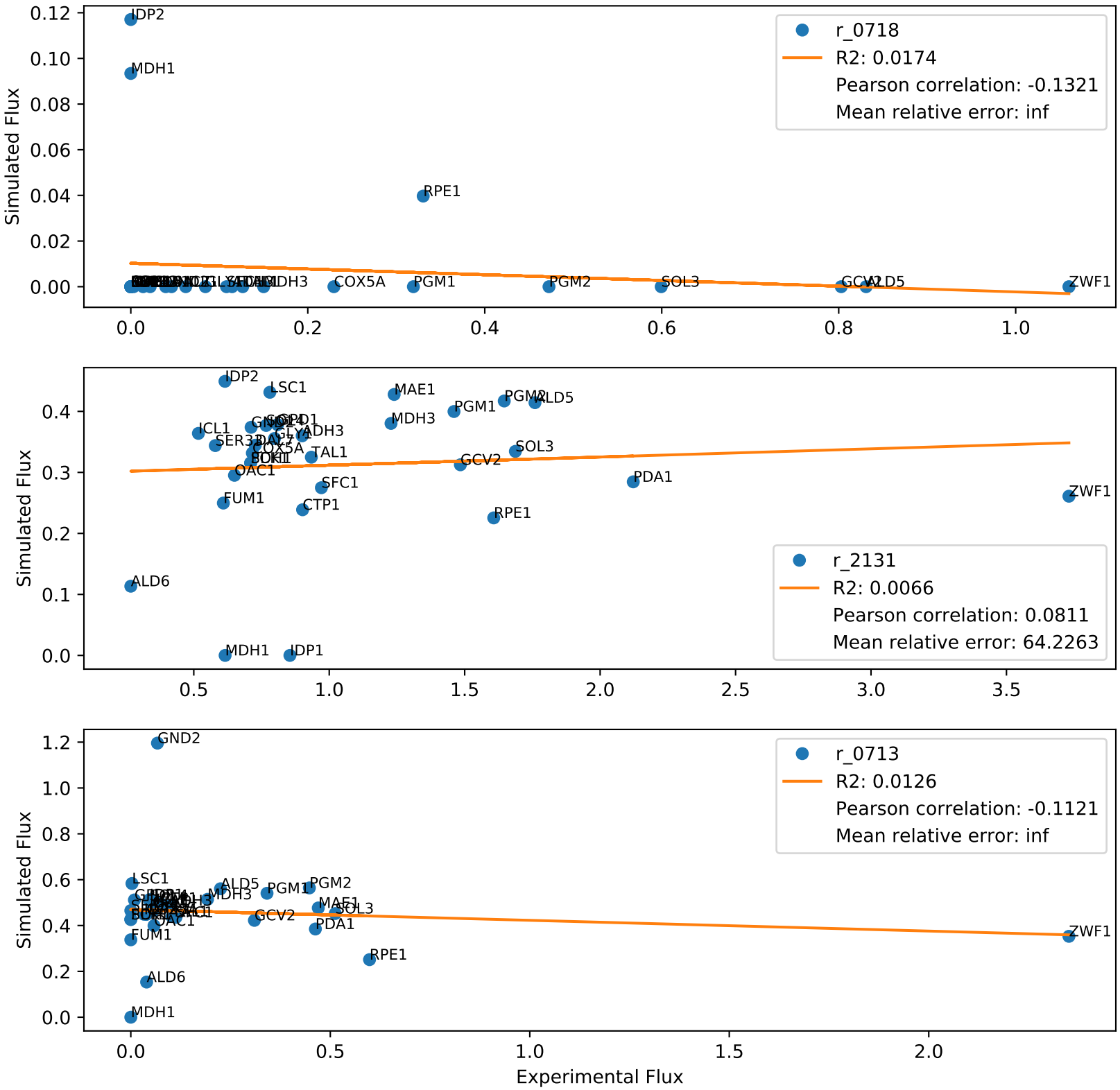
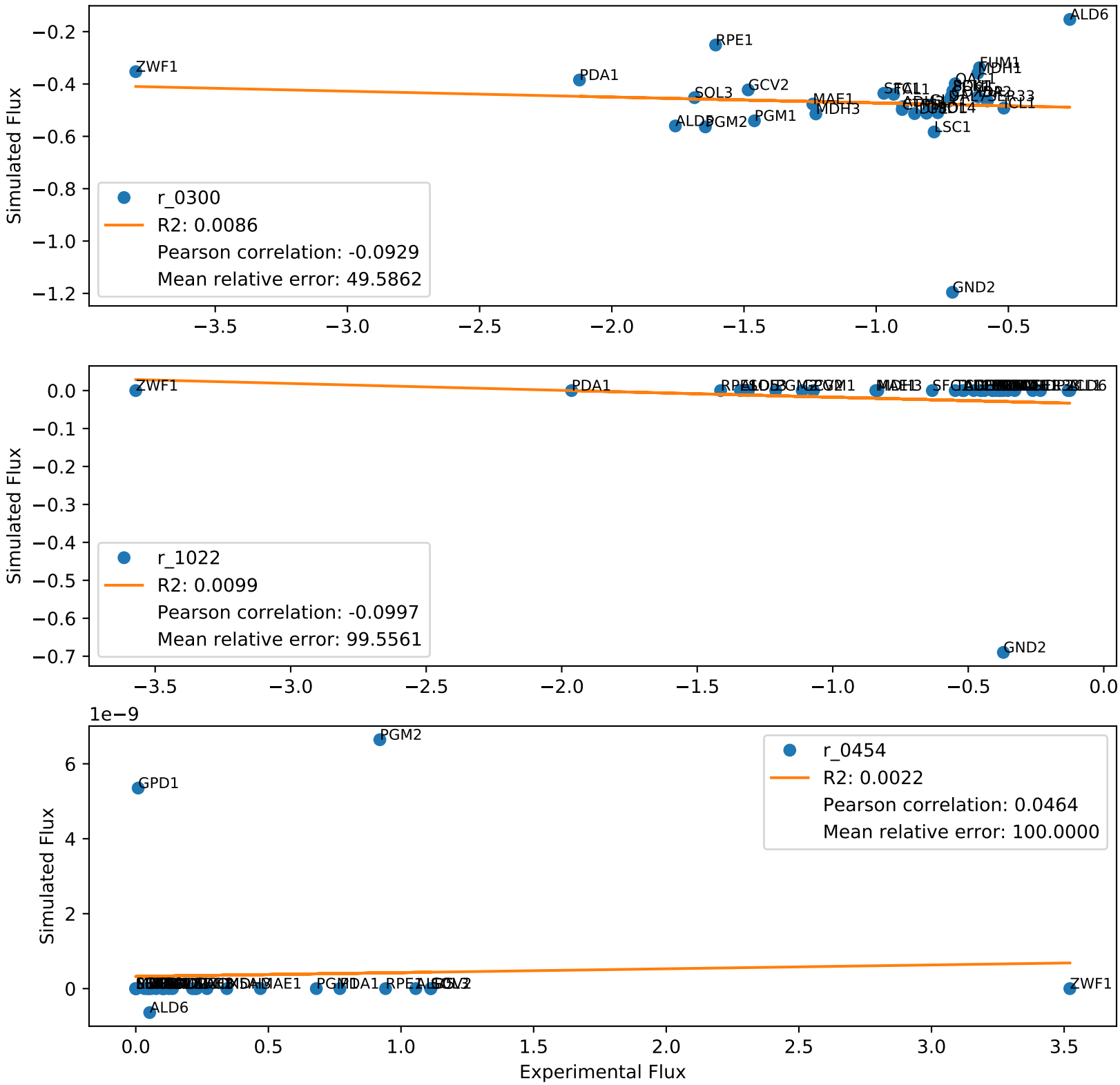
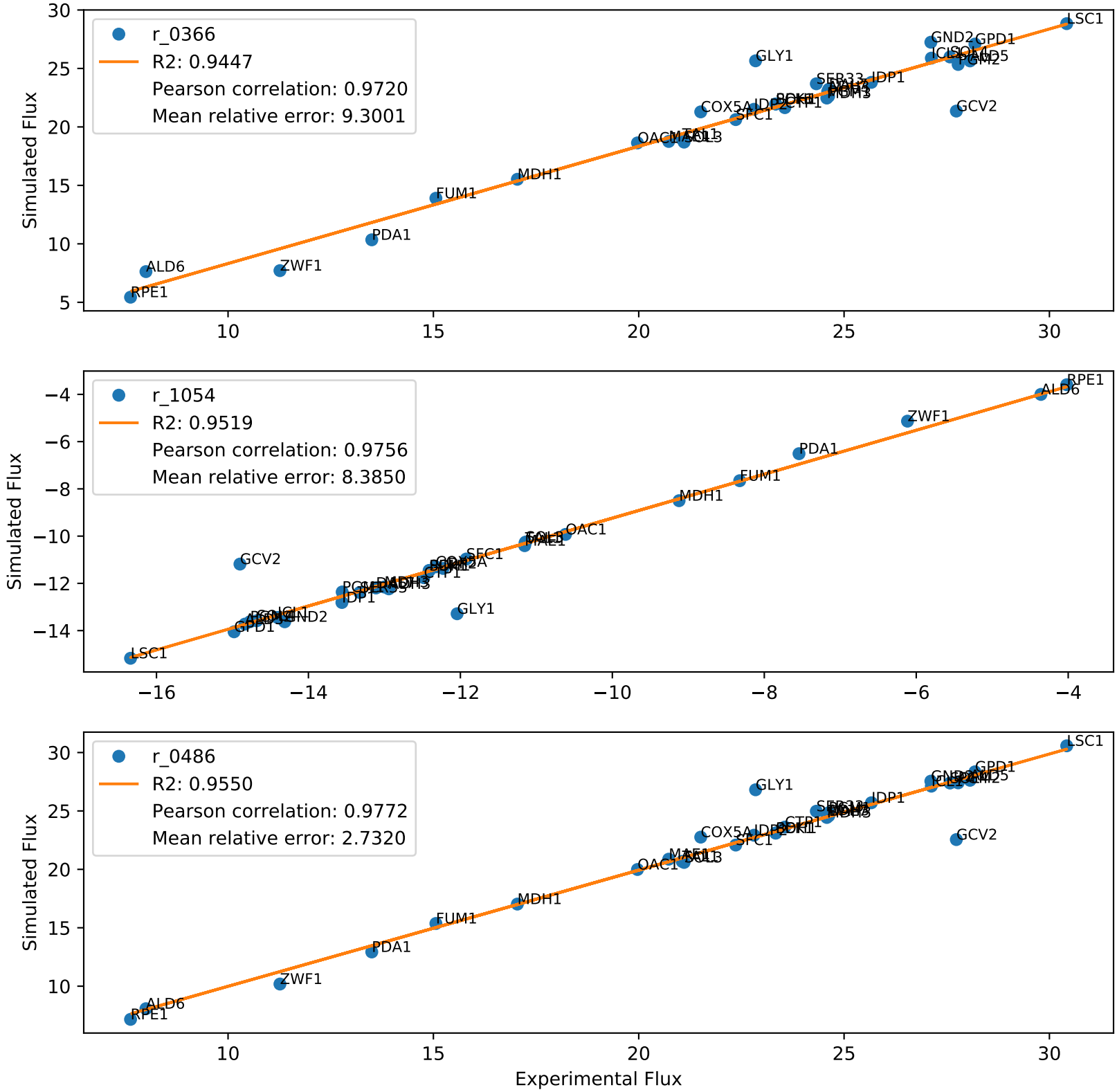
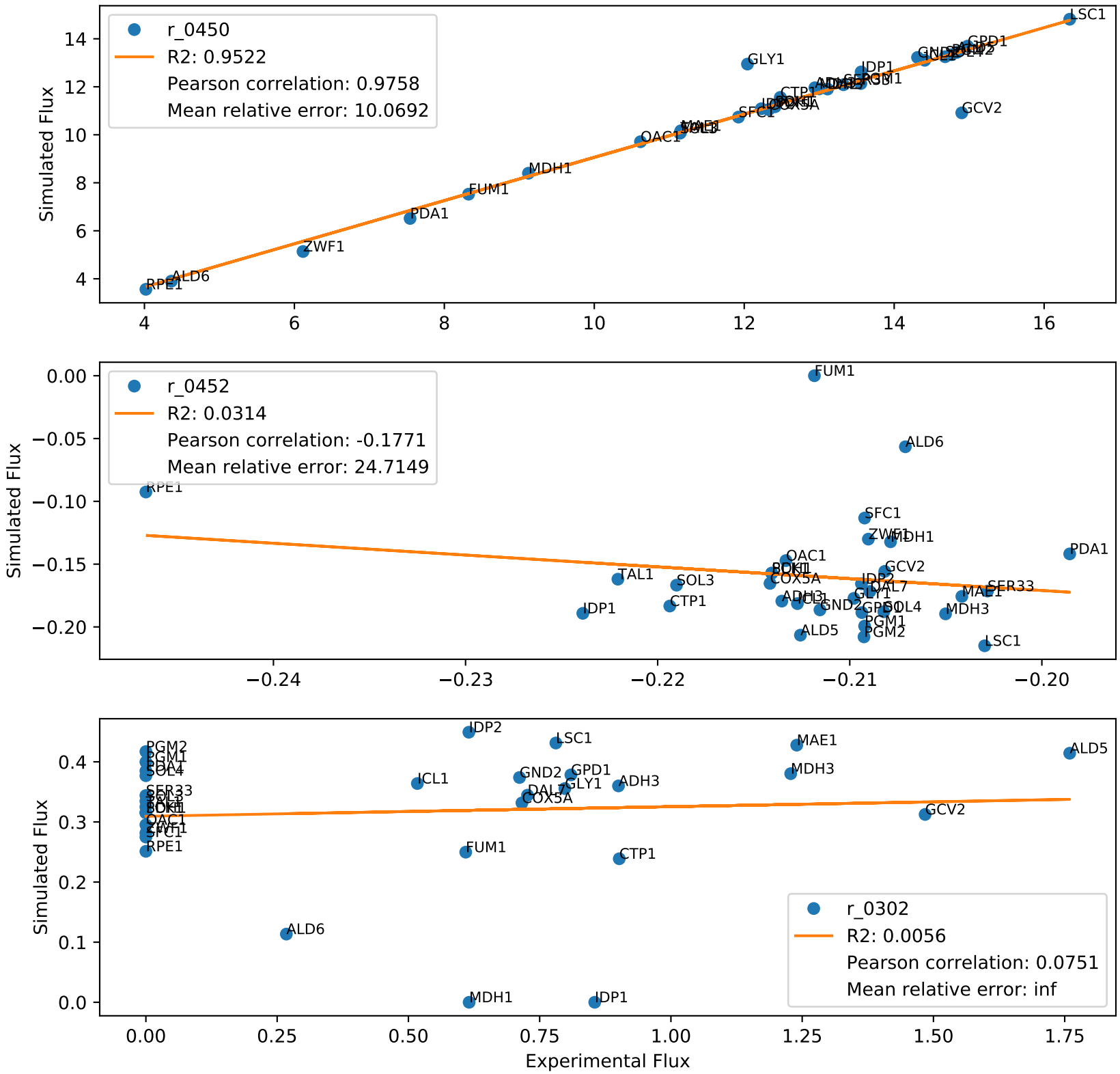
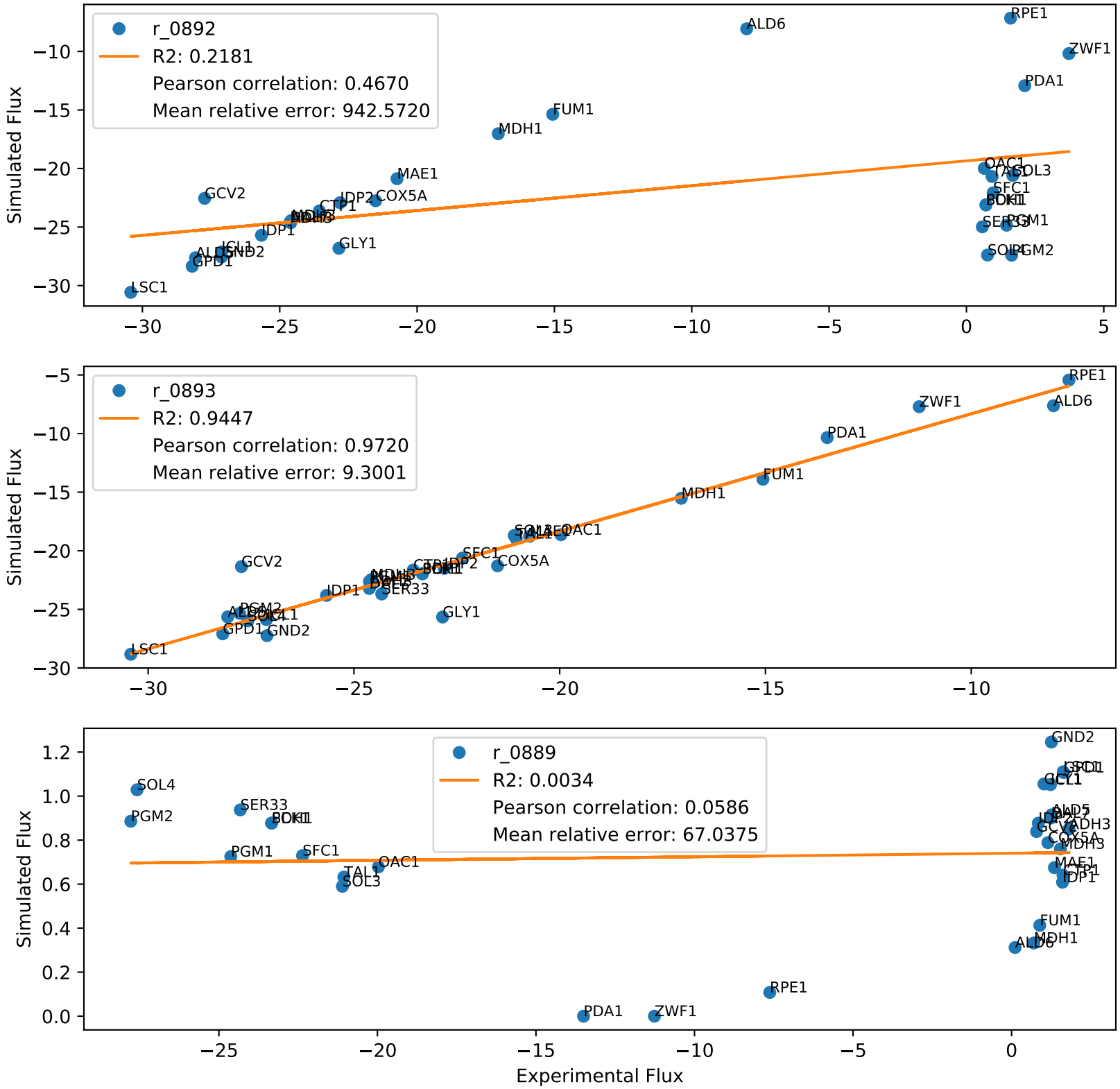

r_0534
R2: 0.9575
Pearson correlation: 0.9785
Mean relative error: 1.2797
Simulated Flux
LSC1
GLY1
GCV2
OAC1
MDH1
FUM1
PDA1
ZWF1
r_0962
R2: 0.9428
Pearson correlation: 0.9710
Mean relative error: 10.4018
Simulated Flux
RPE1
ZWF1
ALD6
PDA1
FUM1
MDH1
OAC1
SFC1
COX5A
GCV2
IDP1
SER33
GLY1
GND2
LSC1
r_0961
R2: 0.5414
Pearson correlation: 0.7358
Mean relative error: 95.7799
Simulated Flux
Experimental Flux
GND2
LSC1
PGM1
IDP1
MAE1
GCV2
OAC1
ZWF1
FUM1
MDH1
RPE1
ALD6
PDA1

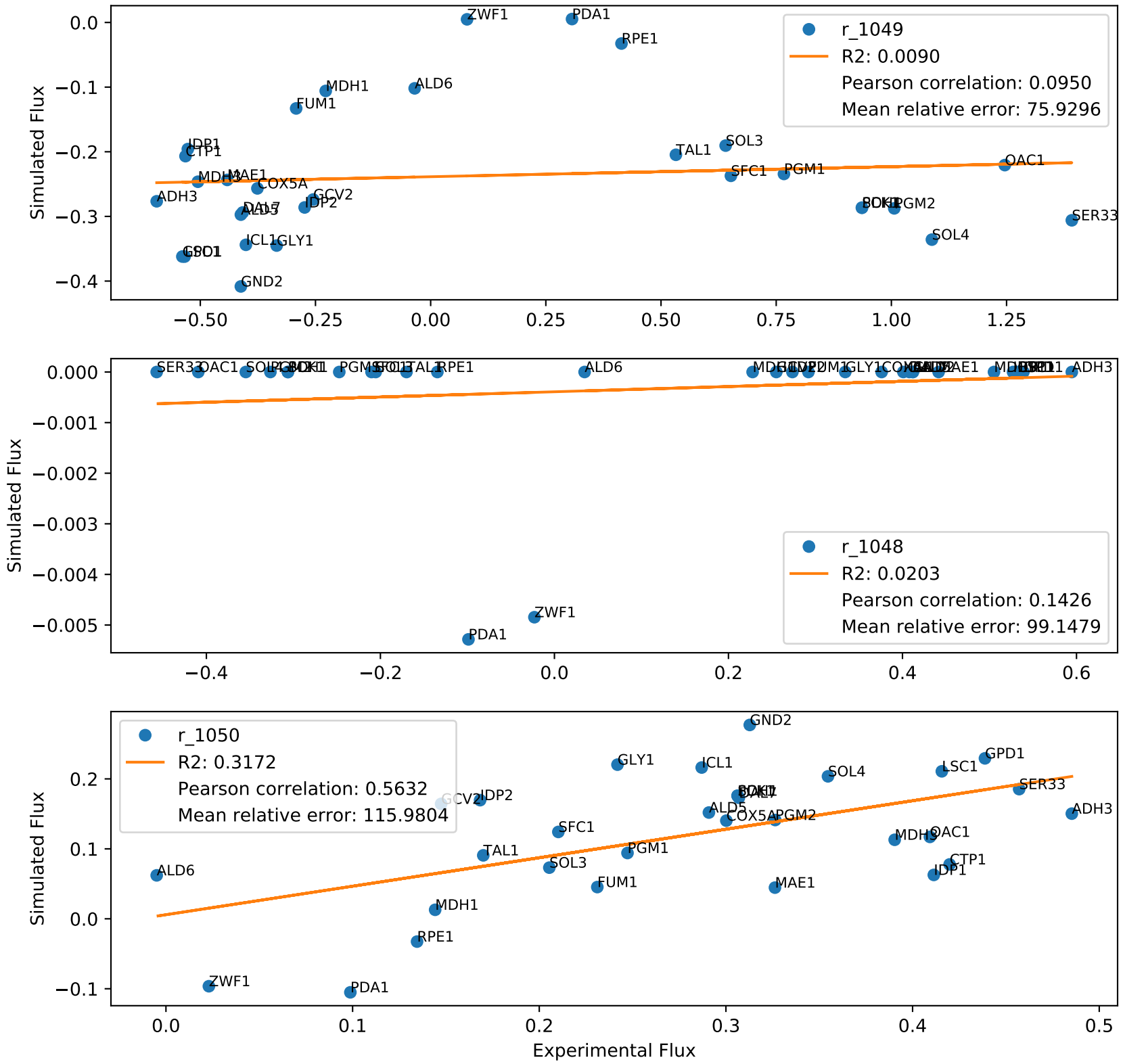

r_0718
R2: 0.0174
Pearson correlation: -0.1321
Mean relative error: inf
Simulated Flux
IDP2
MDH1
RPE1
COX5A
PGM1
PGM2
SOL3
ALD5
ZWF1
r_2131
R2: 0.0066
Pearson correlation: 0.0811
Mean relative error: 64.2263
Simulated Flux
IDP2
LSC1
MAE1
PGM1
PGM2
ALD5
MDH3
ICL1
ADH3
SOL3
TAL1
GCV2
OAC1
SFC1
PDA1
ZWF1
FUM1
CTP1
RPE1
ALD6
MDH1
IDP1
r_0713
R2: 0.0126
Pearson correlation: -0.1121
Mean relative error: inf
Simulated Flux
Experimental Flux
GND2
LSC1
ALD5
PGM1
PGM2
MDH3
MAE1
SOL3
GCV2
PDA1
ZWF1
FUM1
RPE1
ALD6
MDH1

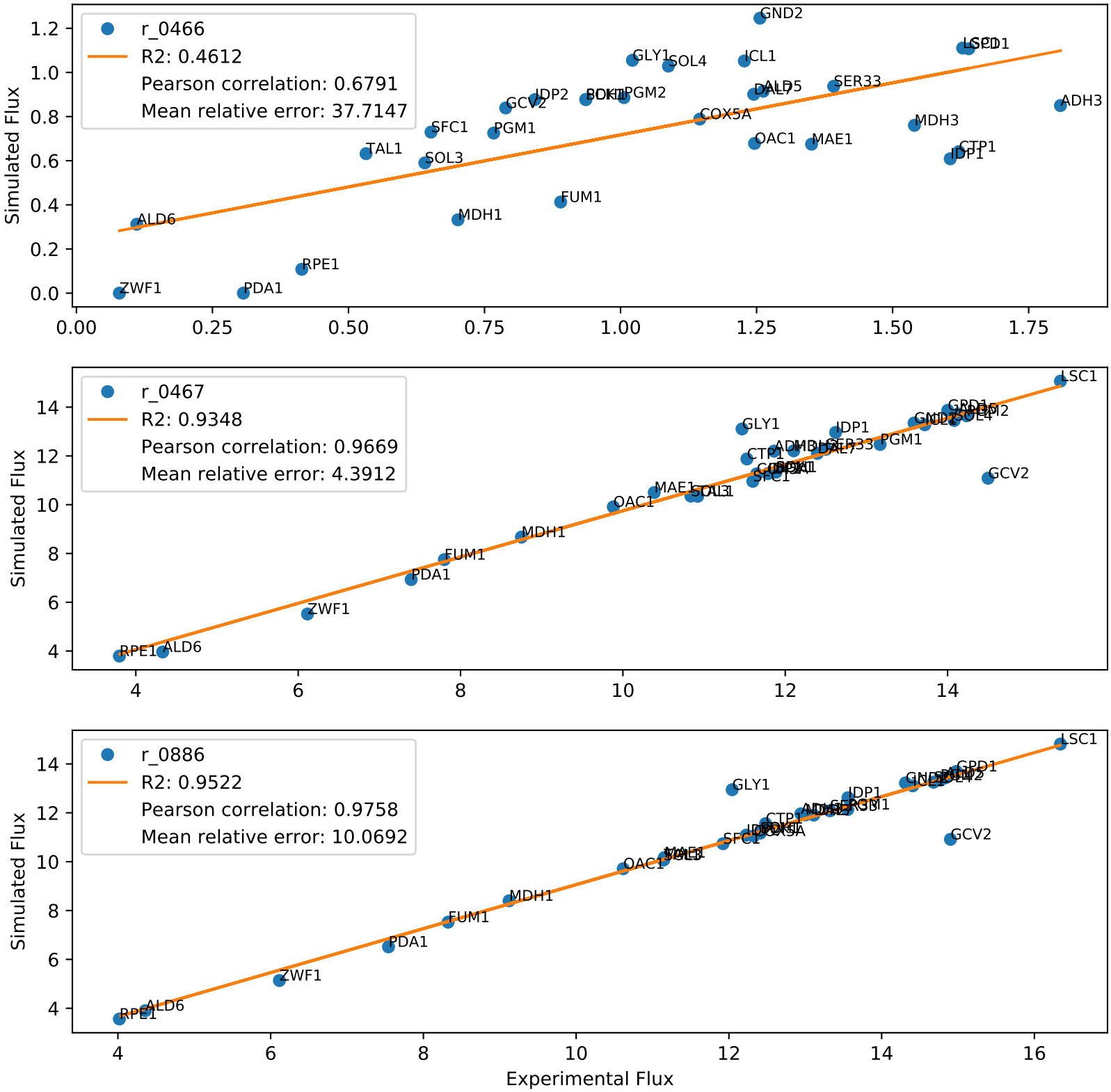

r_0300
R2: 0.0086
Pearson correlation: -0.0929
Mean relative error: 49.5862
Simulated Flux
ZWF1
PDA1
RPE1
ALD6
GCV2
SOL3
PGM1
PGM2
MAE1
MDH3
LSC1
GND2
r_1022
R2: 0.0099
Pearson correlation: -0.0997
Mean relative error: 99.5561
Simulated Flux
ZWF1
PDA1
GND2
1e−9
r_0454
R2: 0.0022
Pearson correlation: 0.0464
Mean relative error: 100.0000
Simulated Flux
PGM2
GPD1
ZWF1
ALD6
Experimental Flux

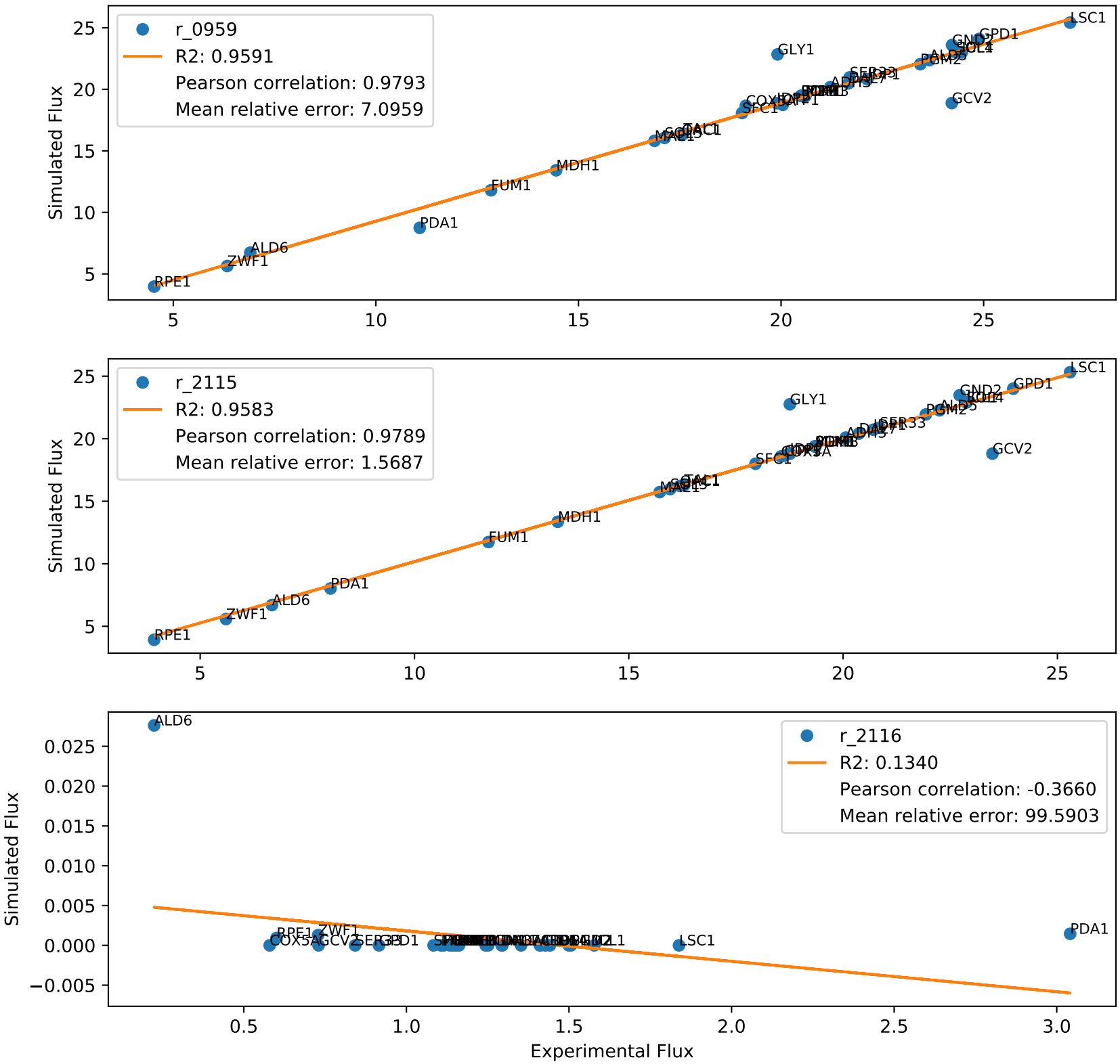

r_0366
R2: 0.9447
Pearson correlation: 0.9720
Mean relative error: 9.3001
Simulated Flux
LSC1
GND2
GPD1
GLY1
IDP1
GCV2
COX5A
SFC1
MDH1
FUM1
PDA1
ALD6
ZWF1
RPE1
r_1054
R2: 0.9519
Pearson correlation: 0.9756
Mean relative error: 8.3850
Simulated Flux
RPE1
ALD6
ZWF1
PDA1
FUM1
MDH1
OAC1
SFC1
GCV2
GLY1
GPD1
LSC1
r_0486
R2: 0.9550
Pearson correlation: 0.9772
Mean relative error: 2.7320
Simulated Flux
LSC1
GPD1
GLY1
IDP1
COX5A
SFC1
GCV2
OAC1
MDH1
FUM1
PDA1
ZWF1
ALD6
RPE1
Experimental Flux

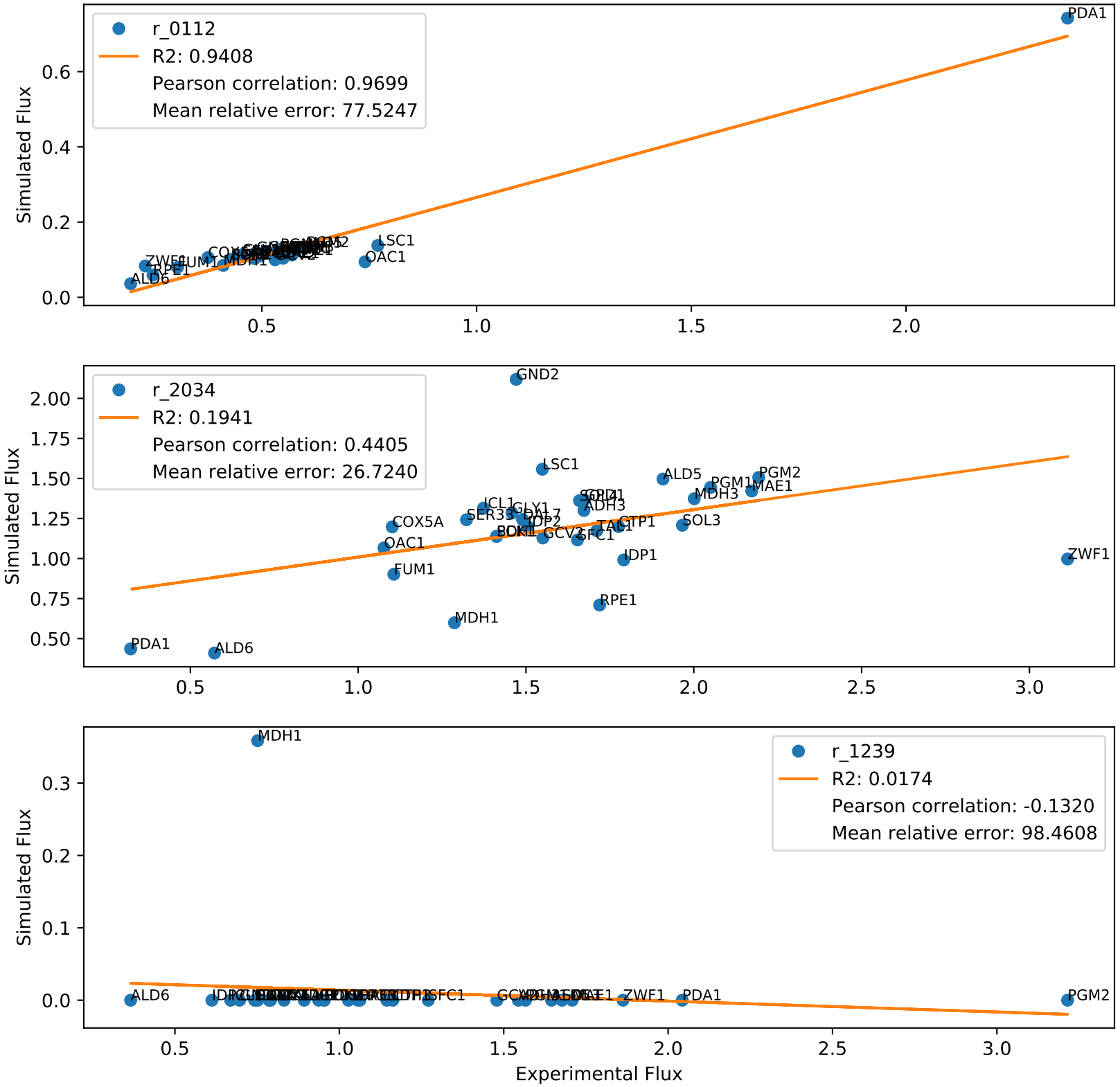

r_0450
R2: 0.9522
Pearson correlation: 0.9758
Mean relative error: 10.0692
Simulated Flux
LSC1
GPD1
GLY1
IDP1
GCV2
OAC1
MDH1
FUM1
PDA1
ZWF1
ALD6
RPE1
r_0452
R2: 0.0314
Pearson correlation: -0.1771
Mean relative error: 24.7149
Simulated Flux
FUM1
ALD6
RPE1
SFC1
PDA1
OAC1
GCV2
TAL1
SOL3
COX5A
SER33
MAE1
MDH3
IDP1
CTP1
ALD5
LSC1
r_0302
R2: 0.0056
Pearson correlation: 0.0751
Mean relative error: inf
Simulated Flux
Experimental Flux
IDP2
LSC1
MAE1
ALD5
ICL1
GND2
GPD1
ADH3
MDH3
GCV2
FUM1
CTP1
ALD6
MDH1
IDP1

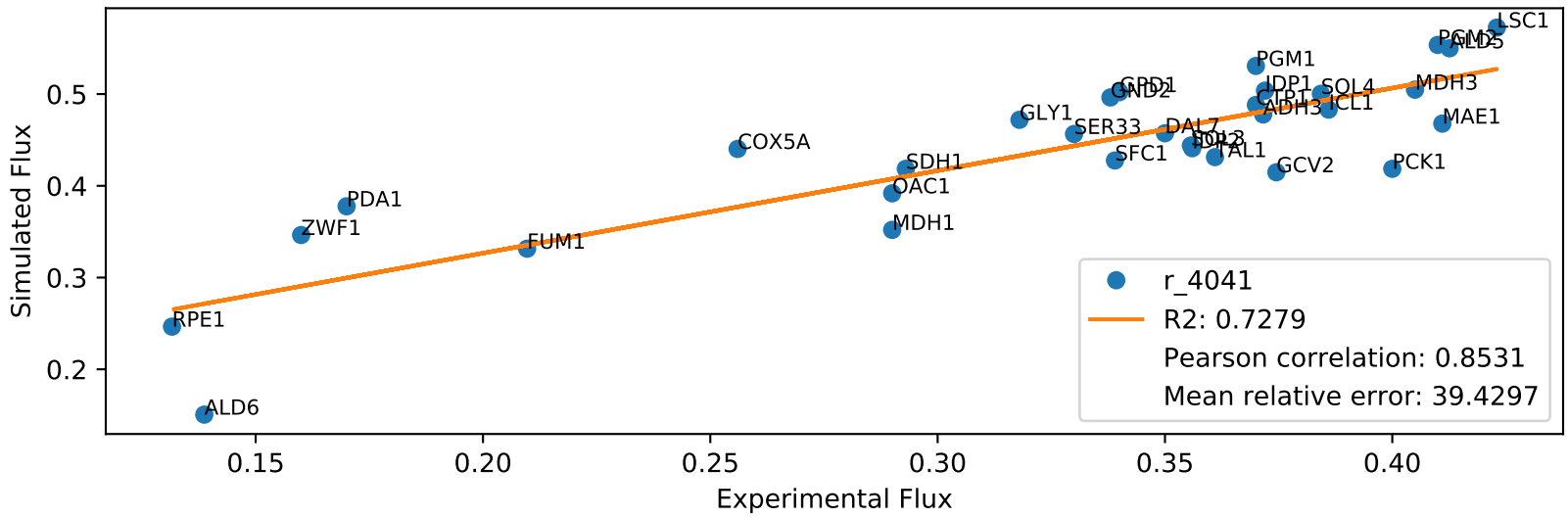

r_0892
R2: 0.2181
Pearson correlation: 0.4670
Mean relative error: 942.5720
Simulated Flux
ALD6
RPE1
ZWF1
PDA1
FUM1
MDH1
MAE1
GCV2
IDP2
COX5A
CTP1
IDP1
GLY1
LSC1
GPD1
GND2
ICL1
OAC1
SOL3
SFC1
PGM1
PGM2
r_0893
R2: 0.9447
Pearson correlation: 0.9720
Mean relative error: 9.3001
Simulated Flux
RPE1
ZWF1
ALD6
PDA1
FUM1
MDH1
OAC1
SFC1
COX5A
GCV2
IDP1
SER33
GLY1
PGM2
GPD1
GND2
LSC1
r_0889
R2: 0.0034
Pearson correlation: 0.0586
Mean relative error: 67.0375
Simulated Flux
Experimental Flux
GND2
SOL4
SER33
PGM2
PGM1
SFC1
OAC1
SOL3
FUM1
MDH1
ALD6
RPE1
PDA1
ZWF1


r_1049
R2: 0.0090
Pearson correlation: 0.0950
Mean relative error: 75.9296
Simulated Flux
ZWF1
PDA1
RPE1
MDH1
ALD6
FUM1
IDP1
CTP1
SOL3
TAL1
OAC1
SFC1
PGM1
MAE1
COX5A
ADH3
GCV2
IDP2
PGM2
SER33
SOL4
ICL1
GLY1
GND2
r_1048
R2: 0.0203
Pearson correlation: 0.1426
Mean relative error: 99.1479
Simulated Flux
SER33
OAC1
ALD6
ADH3
ZWF1
PDA1
r_1050
R2: 0.3172
Pearson correlation: 0.5632
Mean relative error: 115.9804
Simulated Flux
Experimental Flux
GND2
GPD1
GLY1
ICL1
SOL4
LSC1
SER33
GCV2
IDP2
ADH3
SFC1
MDH1
OAC1
TAL1
PGM1
CTP1
ALD6
SOL3
IDP1
FUM1
MAE1
MDH1
RPE1
ZWF1
PDA1


r_0466
R2: 0.4612
Pearson correlation: 0.6791
Mean relative error: 37.7147
Simulated Flux
GND2
GLY1
SOL4
ICL1
SER33
ADH3
IDP2
PGM2
GCV2
COX5A
SFC1
PGM1
MDH3
OAC1
MAE1
TAL1
SOL3
FUM1
MDH1
ALD6
RPE1
ZWF1
PDA1
r_0467
R2: 0.9348
Pearson correlation: 0.9669
Mean relative error: 4.3912
LSC1
GLY1
IDP1
PGM1
GCV2
OAC1
MAE1
MDH1
FUM1
PDA1
ZWF1
RPE1
ALD6
r_0886
R2: 0.9522
Pearson correlation: 0.9758
Mean relative error: 10.0692
LSC1
GPD1
GLY1
IDP1
GCV2
OAC1
MDH1
FUM1
PDA1
ZWF1
RPE1
ALD6
Experimental Flux


r_0959
R2: 0.9591
Pearson correlation: 0.9793
Mean relative error: 7.0959
Simulated Flux
LSC1
GPD1
GND2
GLY1
PGM2
GCV2
SFC1
MDH1
FUM1
PDA1
ALD6
ZWF1
RPE1
r_2115
R2: 0.9583
Pearson correlation: 0.9789
Mean relative error: 1.5687
Simulated Flux
LSC1
GPD1
GND2
GLY1
PGM2
GCV2
SFC1
MDH1
FUM1
PDA1
ALD6
ZWF1
RPE1
r_2116
R2: 0.1340
Pearson correlation: -0.3660
Mean relative error: 99.5903
Simulated Flux
Experimental Flux
ALD6
PDA1
LSC1
RPE1
ZWF1


r_0112
R2: 0.9408
Pearson correlation: 0.9699
Mean relative error: 77.5247
Simulated Flux
PDA1
LSC1
OAC1
ALD6
r_2034
R2: 0.1941
Pearson correlation: 0.4405
Mean relative error: 26.7240
Simulated Flux
GND2
LSC1
ALD5
PGM2
PGM1
MAE1
MDH3
ADH3
SOL3
COX5A
OAC1
IDP1
ZWF1
FUM1
RPE1
MDH1
PDA1
ALD6
r_1239
R2: 0.0174
Pearson correlation: -0.1320
Mean relative error: 98.4608
Simulated Flux
MDH1
ALD6
ZWF1
PDA1
PGM2
Experimental Flux


Simulated Flux
Experimental Flux
0.2
0.3
0.4
0.5
0.15
0.20
0.25
0.30
0.35
0.40
LSC1
PGM2
ALD5
PGM1
GRD1
GND2
IDP1
SOL4
MDH3
CITT
ICL1
ADH3
GLY1
MAE1
SER33
DAL7
COX5A
SDH1
SFC1
TAL1
GCV2
PCK1
OAC1
PDA1
ZWF1
MDH1
FUM1
RPE1
ALD6
r_4041
R2: 0.7279
Pearson correlation: 0.8531
Mean relative error: 39.4297