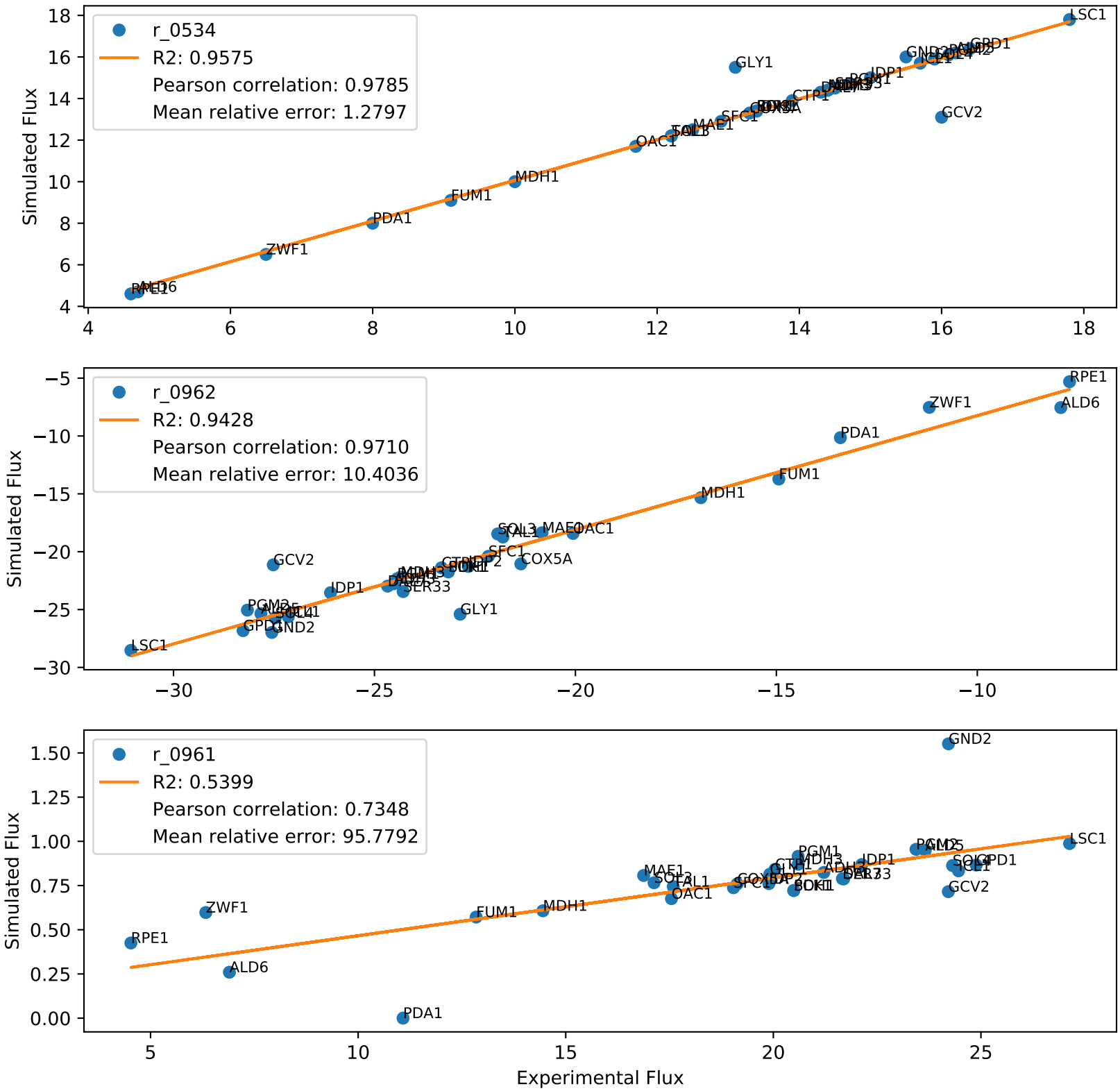
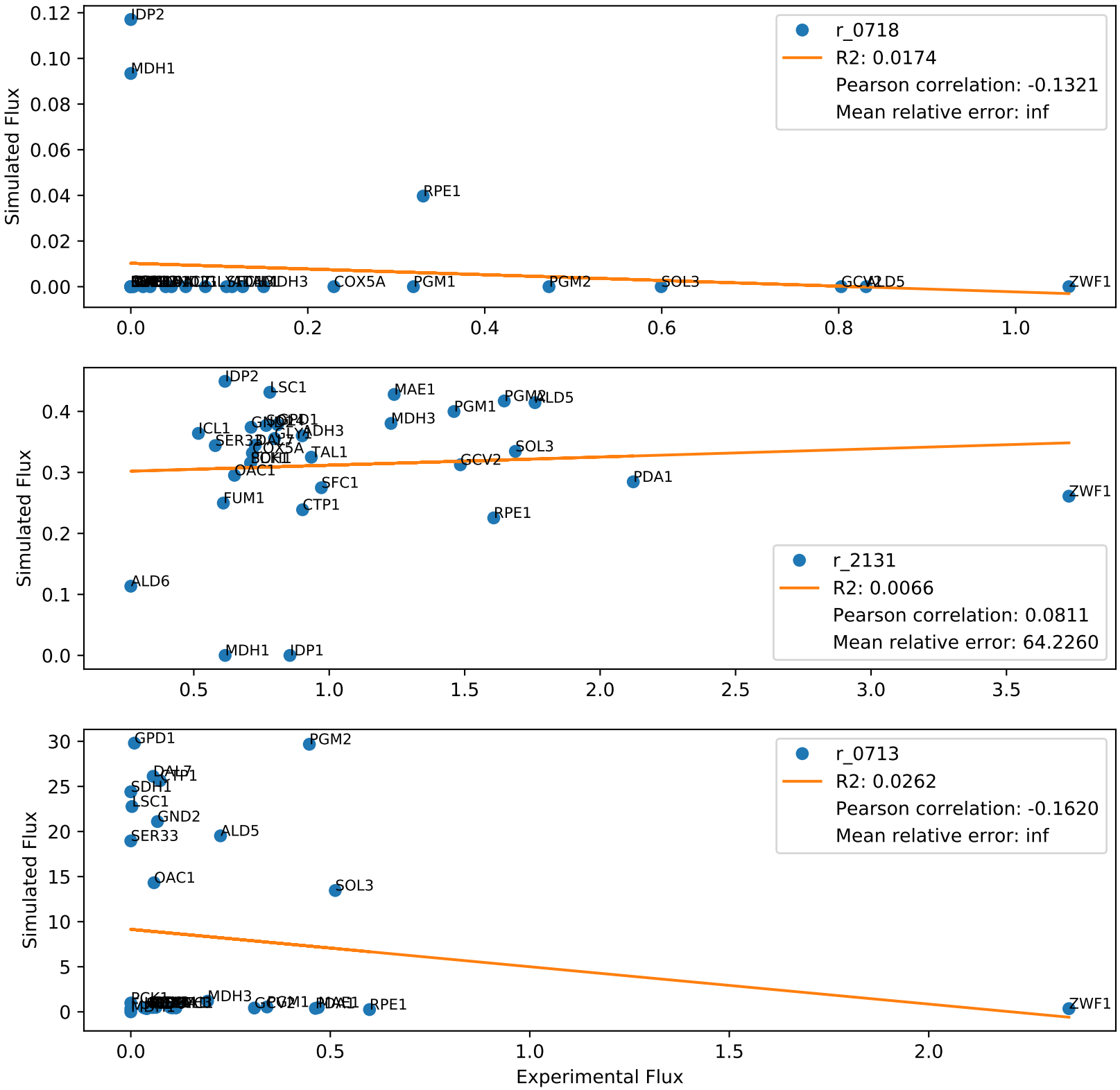
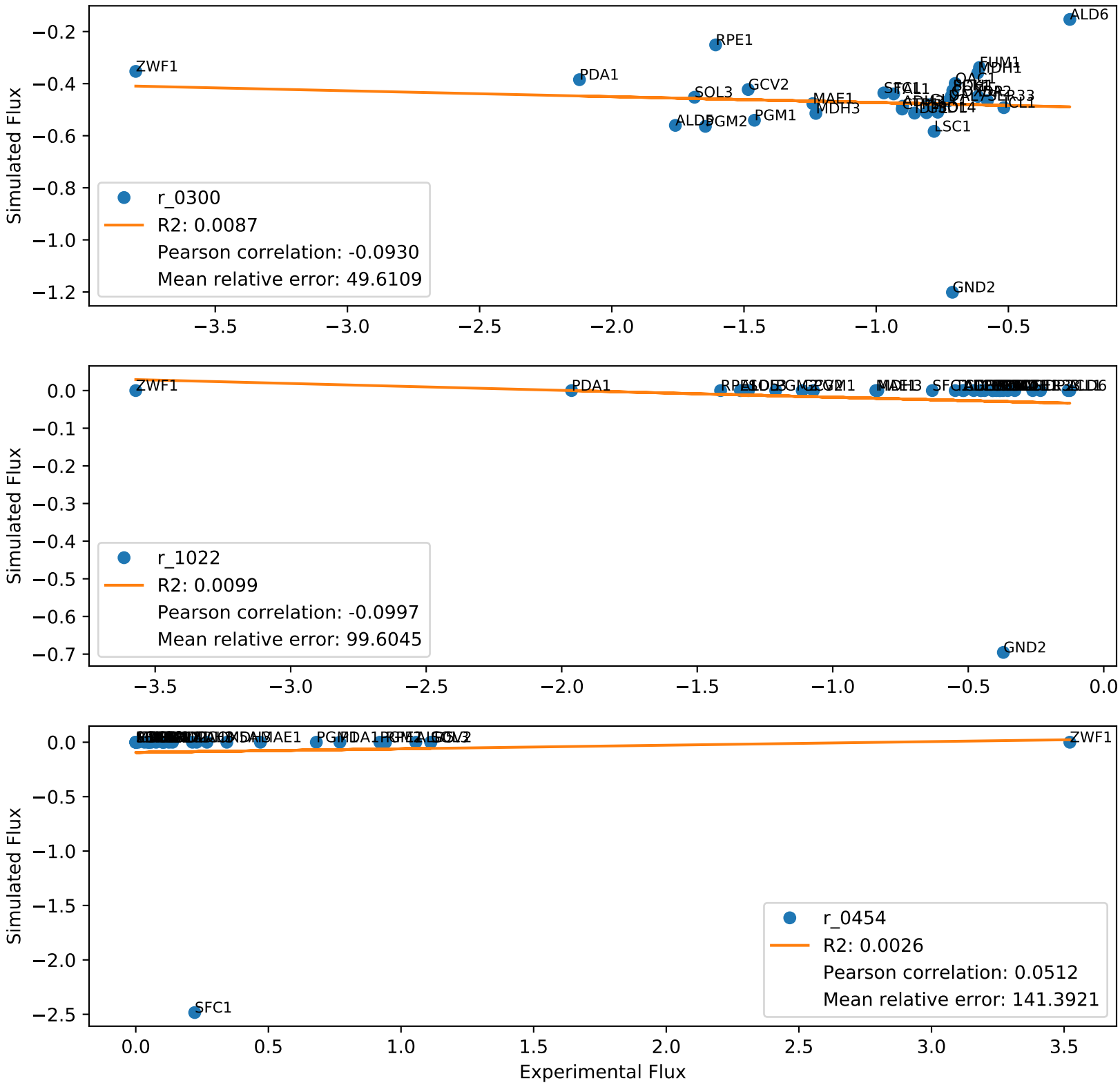
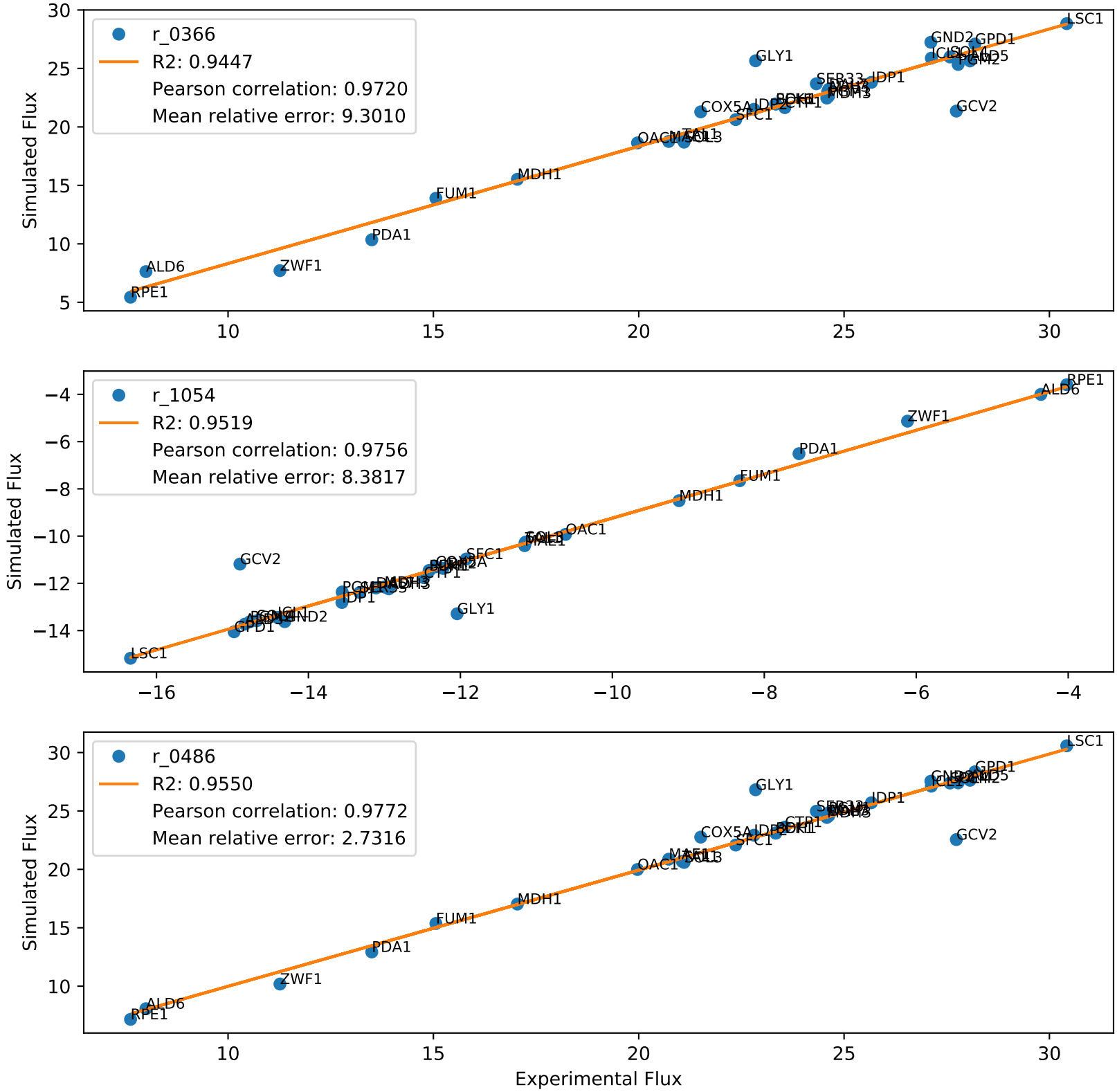
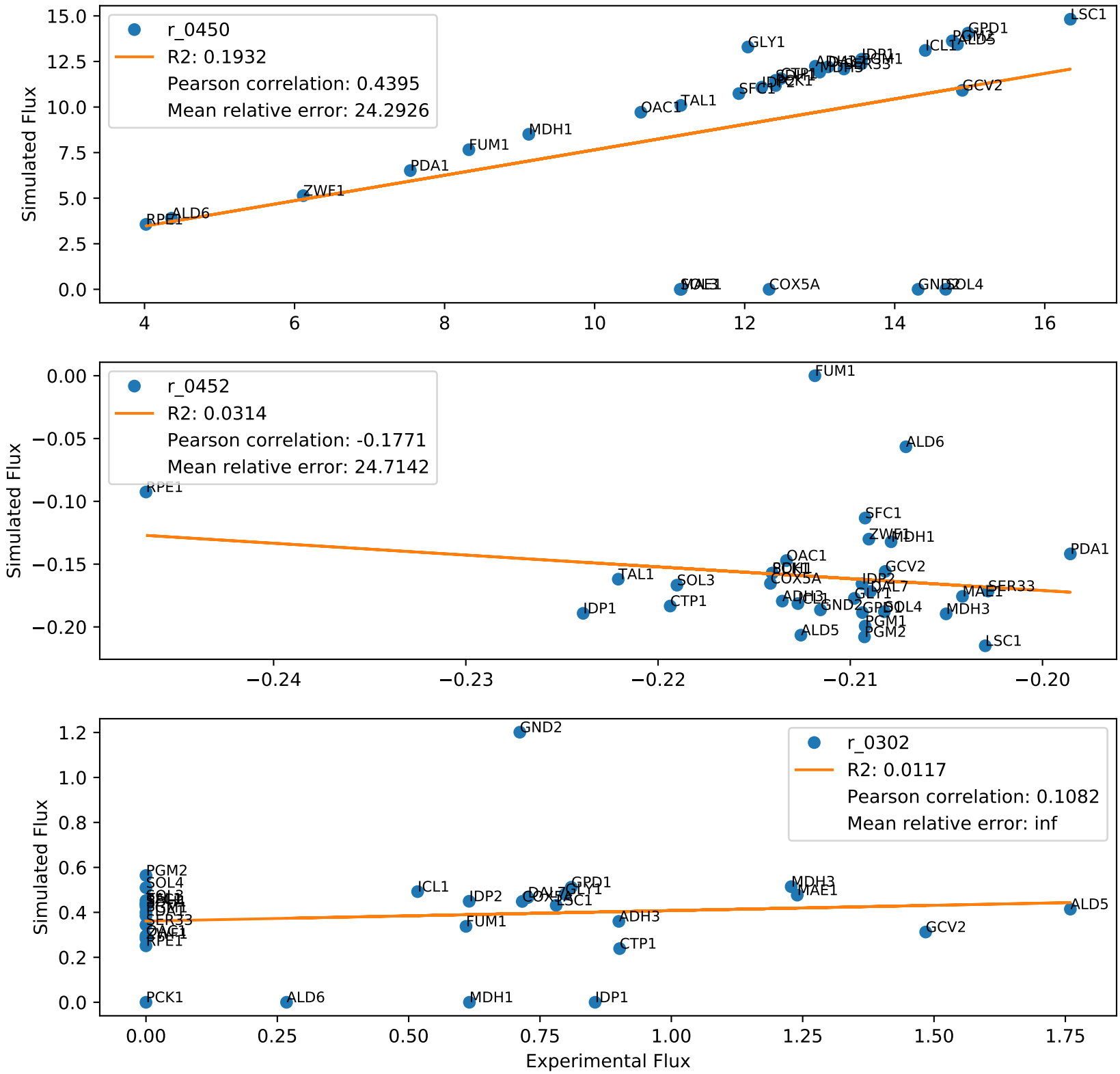
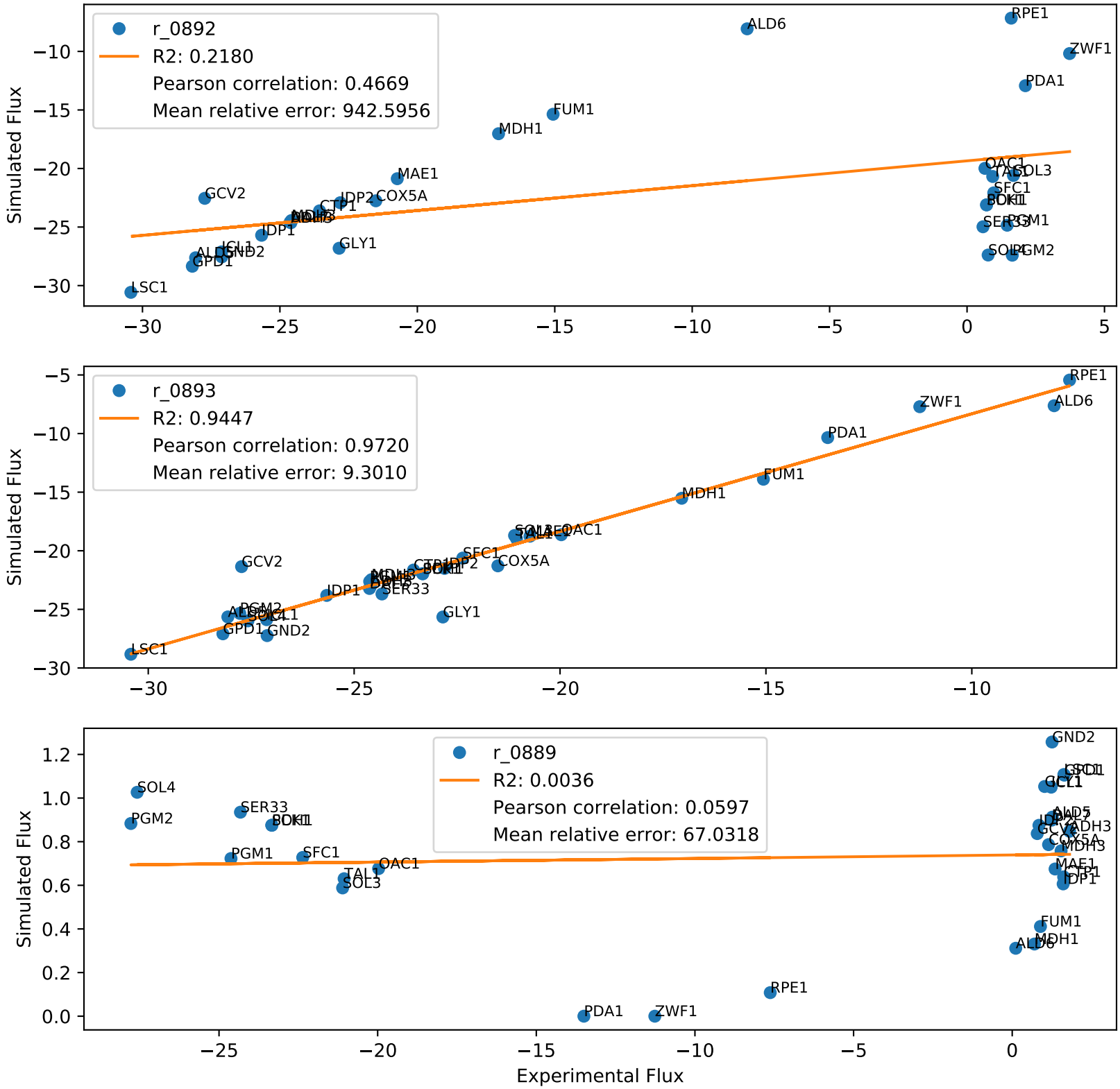

r_0534
R2: 0.9575
Pearson correlation: 0.9785
Mean relative error: 1.2797
Simulated Flux
LSC1
GLY1
GCV2
OAC1
MDH1
FUM1
PDA1
ZWF1
r_0962
R2: 0.9428
Pearson correlation: 0.9710
Mean relative error: 10.4036
Simulated Flux
RPE1
ZWF1
ALD6
PDA1
FUM1
MDH1
OAC1
SFC1
COX5A
GCV2
IDP1
SER33
GLY1
GND2
LSC1
r_0961
R2: 0.5399
Pearson correlation: 0.7348
Mean relative error: 95.7792
Simulated Flux
Experimental Flux
GND2
LSC1
PGM1
IDP1
MAE1
GCV2
OAC1
ZWF1
FUM1
MDH1
RPE1
ALD6
PDA1

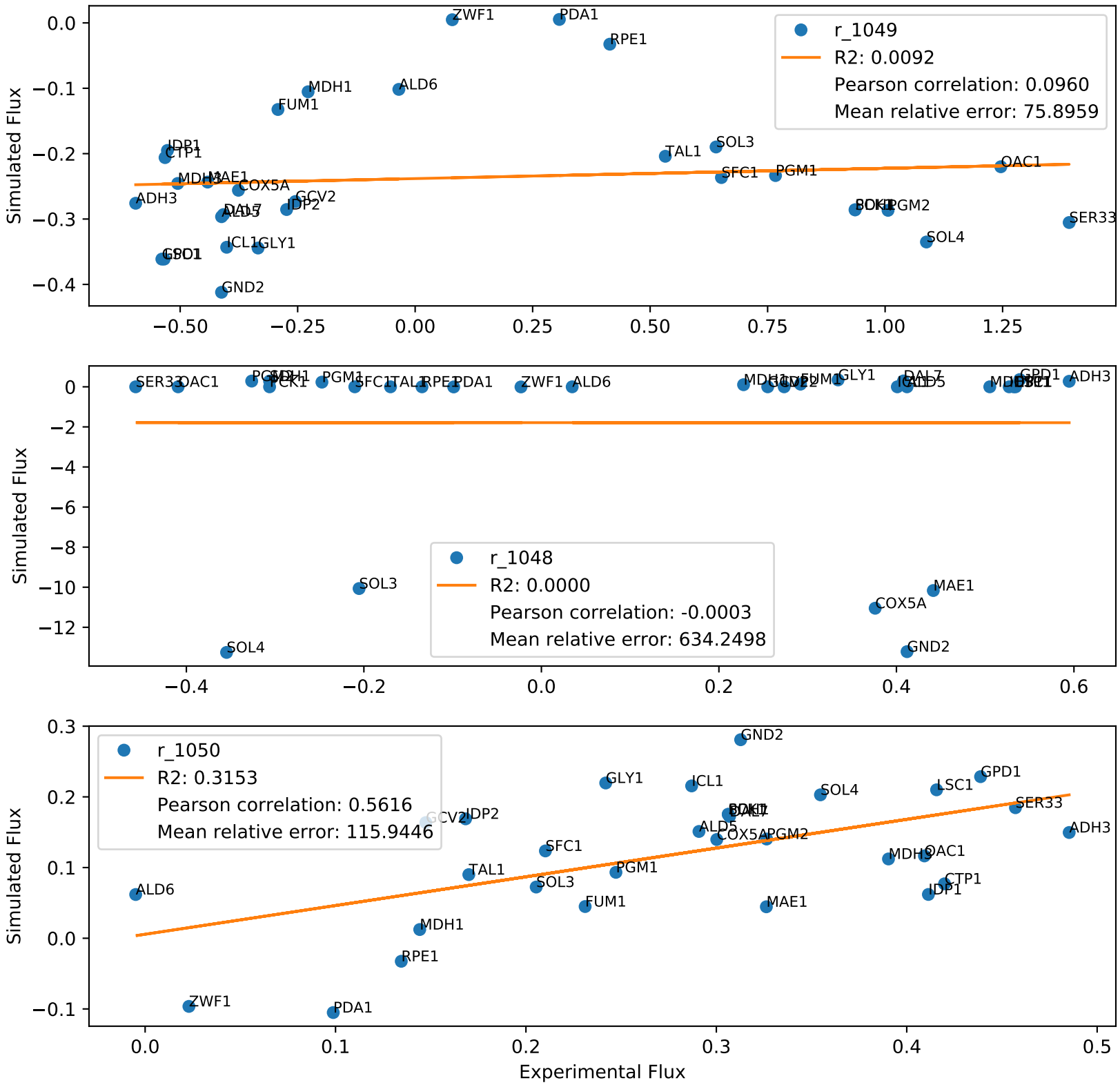

r_0718
R2: 0.0174
Pearson correlation: -0.1321
Mean relative error: inf
Simulated Flux
IDP2
MDH1
RPE1
COX5A
PGM1
PGM2
SOL3
ZWF1
r_2131
R2: 0.0066
Pearson correlation: 0.0811
Mean relative error: 64.2260
Simulated Flux
IDP2
LSC1
MAE1
PGM1
MDH3
ICL1
SOL3
TAL1
GCV2
OAC1
SFC1
PDA1
ZWF1
FUM1
CTP1
RPE1
ALD6
MDH1
IDP1
r_0713
R2: 0.0262
Pearson correlation: -0.1620
Mean relative error: inf
Simulated Flux
GPD1
PGM2
SDH1
LSC1
GND2
SER33
ALD5
OAC1
SOL3
MDH3
RPE1
ZWF1
Experimental Flux

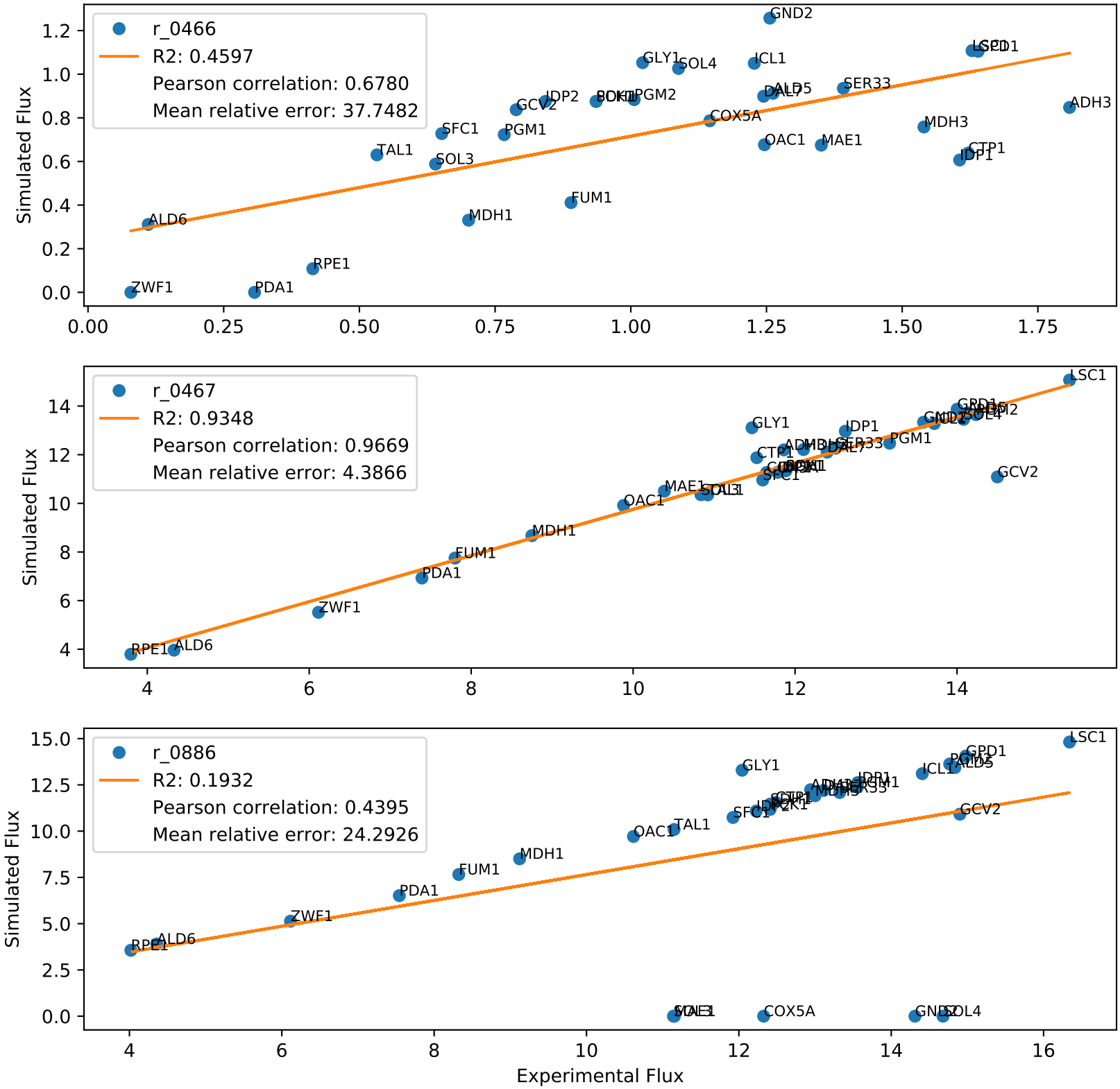

r_0300
R2: 0.0087
Pearson correlation: -0.0930
Mean relative error: 49.6109
Simulated Flux
ALD6
RPE1
ZWF1
PDA1
GCV2
SOL3
MAE1
MDH3
PGM1
PGM2
LSC1
GND2
r_1022
R2: 0.0099
Pearson correlation: -0.0997
Mean relative error: 99.6045
Simulated Flux
ZWF1
PDA1
GND2
r_0454
R2: 0.0026
Pearson correlation: 0.0512
Mean relative error: 141.3921
Simulated Flux
Experimental Flux
ZWF1
SFC1

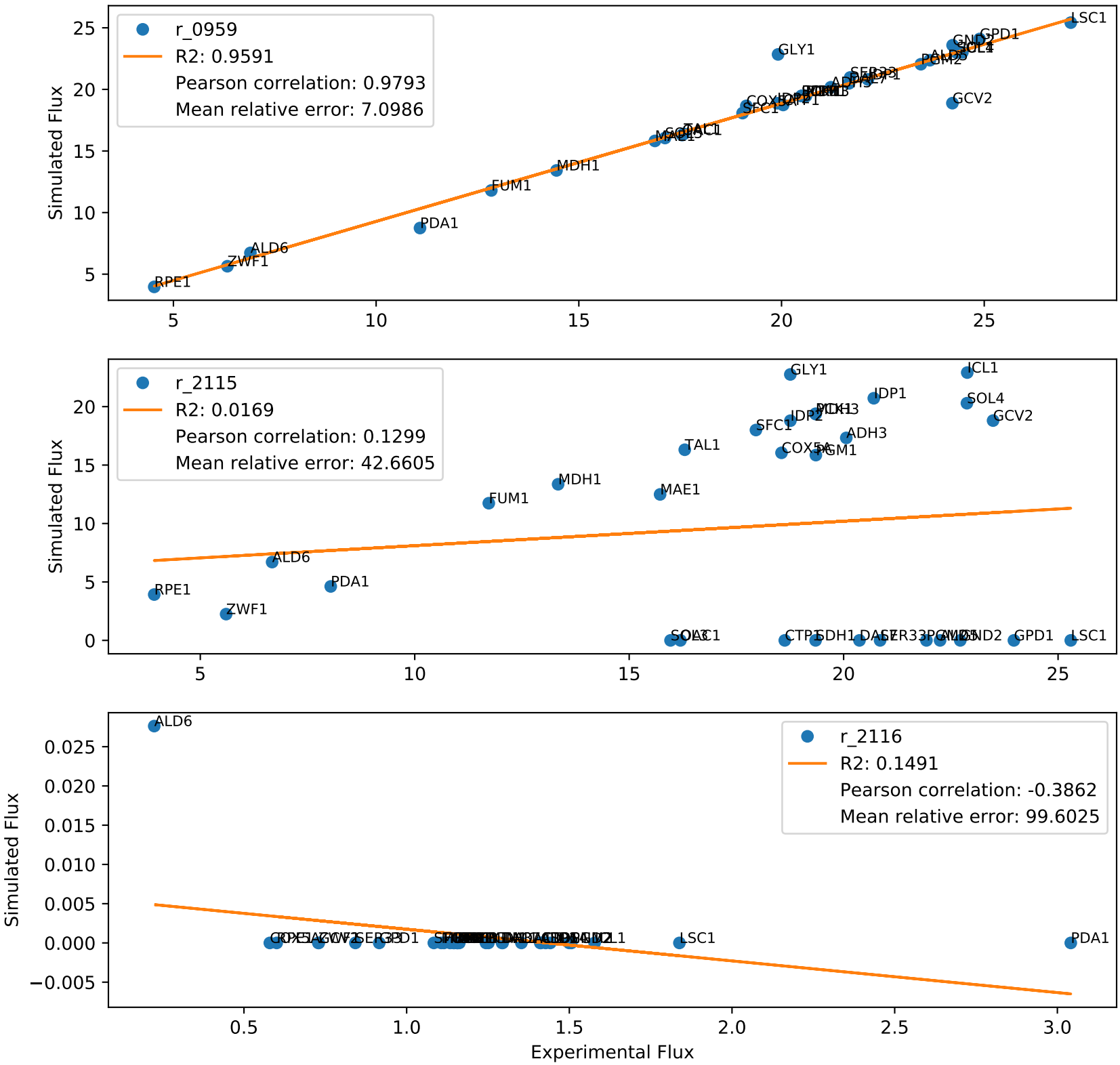

r_0366
R2: 0.9447
Pearson correlation: 0.9720
Mean relative error: 9.3010
Simulated Flux
LSC1
GND2
GPD1
GLY1
IDP1
COX5A
SFC1
GCV2
OAC1
MDH1
FUM1
PDA1
ALD6
ZWF1
RPE1
r_1054
R2: 0.9519
Pearson correlation: 0.9756
Mean relative error: 8.3817
Simulated Flux
RPE1
ALD6
ZWF1
PDA1
FUM1
MDH1
OAC1
SFC1
GCV2
GLY1
GPD1
LSC1
r_0486
R2: 0.9550
Pearson correlation: 0.9772
Mean relative error: 2.7316
Simulated Flux
LSC1
GPD1
GLY1
IDP1
COX5A
SFC1
GCV2
OAC1
MDH1
FUM1
PDA1
ZWF1
ALD6
RPE1
Experimental Flux

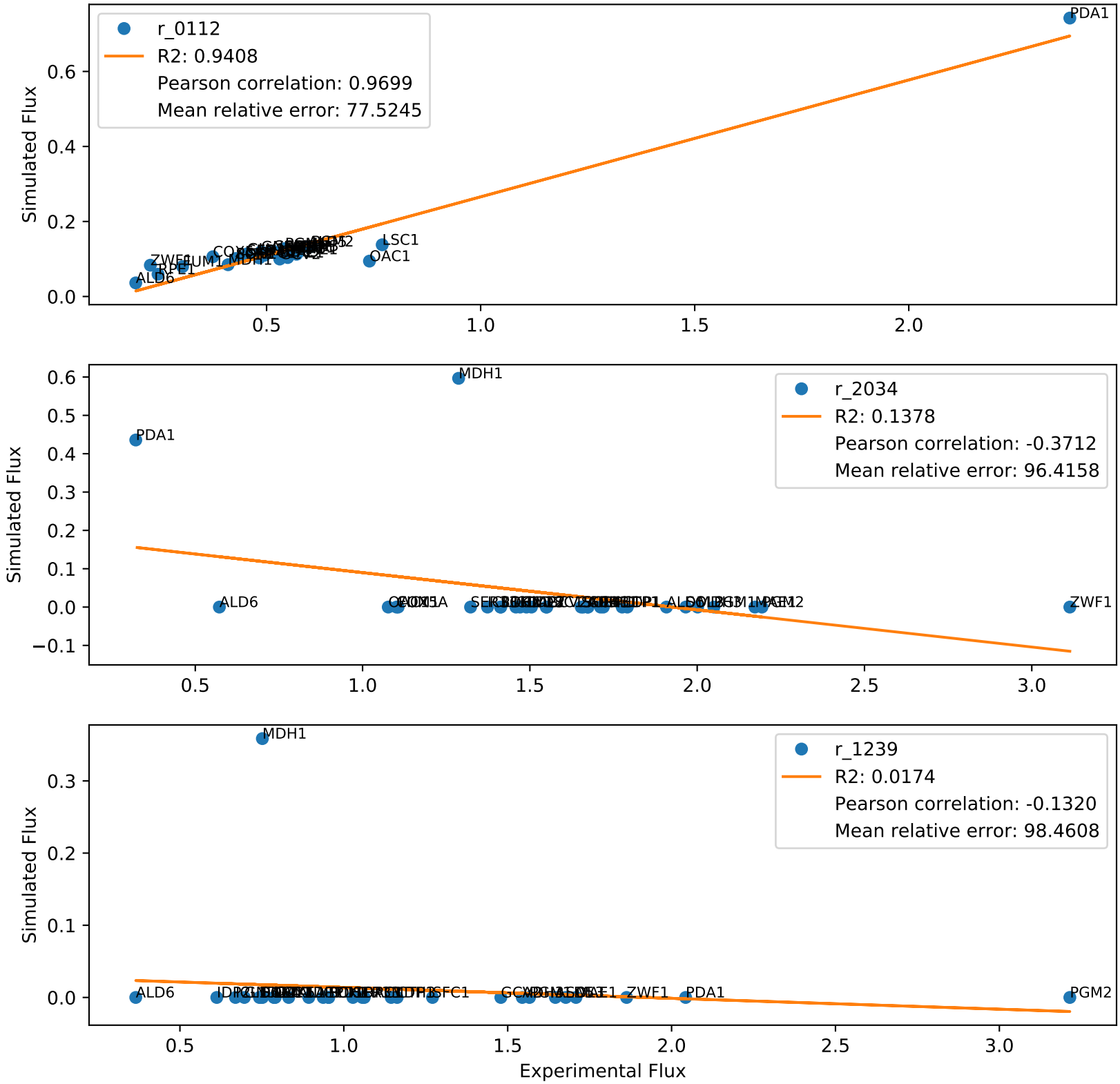

r_0450
R2: 0.1932
Pearson correlation: 0.4395
Mean relative error: 24.2926
Simulated Flux
LSC1
GPD1
GLY1
ICL1
GCV2
OAC1
TAL1
SFC1
MDH1
FUM1
PDA1
ZWF1
ALD6
RPE1
COX5A
SOL4
r_0452
R2: 0.0314
Pearson correlation: -0.1771
Mean relative error: 24.7142
Simulated Flux
FUM1
ALD6
RPE1
SFC1
ZWF1
MDH1
PDA1
OAC1
GCV2
TAL1
SOL3
COX5A
SER33
MAE1
CTP1
IDP1
GND2
SOL4
MDH3
PGM1
PGM2
ALD5
LSC1
r_0302
R2: 0.0117
Pearson correlation: 0.1082
Mean relative error: inf
Simulated Flux
GND2
PGM2
SOL4
ICL1
IDP2
GPD1
GLY1
MDH3
MAE1
LSC1
ALD5
ADH3
FUM1
GCV2
SER33
RPE1
CTP1
PCK1
ALD6
MDH1
IDP1
Experimental Flux

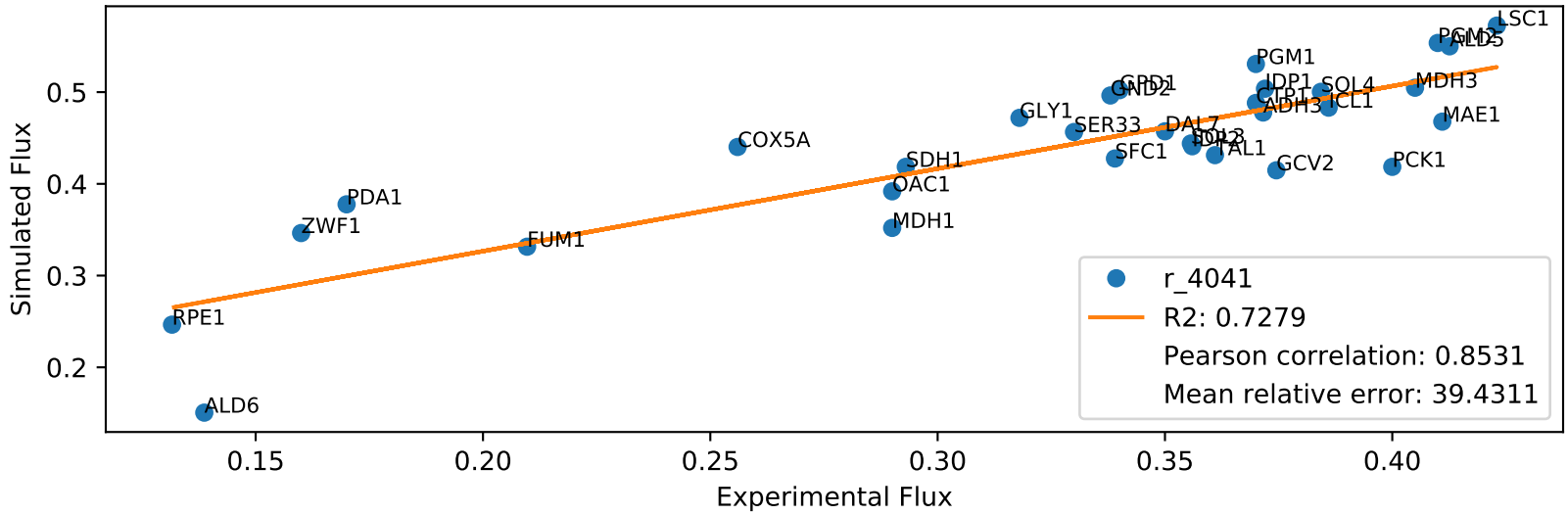

r_0892
R2: 0.2180
Pearson correlation: 0.4669
Mean relative error: 942.5956
Simulated Flux
r_0893
R2: 0.9447
Pearson correlation: 0.9720
Mean relative error: 9.3010
Simulated Flux
r_0889
R2: 0.0036
Pearson correlation: 0.0597
Mean relative error: 67.0318
Simulated Flux
Experimental Flux


r_1049
R2: 0.0092
Pearson correlation: 0.0960
Mean relative error: 75.8959
Simulated Flux
ZWF1
PDA1
RPE1
MDH1
ALD6
FUM1
IDP1
CTP1
TAL1
SOL3
OAC1
SFC1
PGM1
COX5A
ADH3
GCV2
IDP2
PGM2
SER33
SOL4
ICL1
GLY1
GND2
r_1048
R2: 0.0000
Pearson correlation: -0.0003
Mean relative error: 634.2498
Simulated Flux
SER33
OAC1
PGM1
SFC1
TAL1
RPE1
PDA1
ZWF1
ALD6
GLY1
ADH3
SOL3
MAE1
COX5A
SOL4
GND2
r_1050
R2: 0.3153
Pearson correlation: 0.5616
Mean relative error: 115.9446
Simulated Flux
Experimental Flux
GND2
GLY1
ICL1
SOL4
LSC1
GPD1
SER33
ADH3
GCV2
IDP2
ALD5
COX5A
PGM2
SFC1
MDH3
OAC1
TAL1
PGM1
CTP1
IDP1
ALD6
SOL3
FUM1
MAE1
MDH1
RPE1
ZWF1
PDA1


r_0466
R2: 0.4597
Pearson correlation: 0.6780
Mean relative error: 37.7482
Simulated Flux
GND2
GLY1
SOL4
ICL1
SER33
ADH3
IDP2
PGM2
GCV2
COX5A
MDH3
SFC1
PGM1
OAC1
MAE1
CTP1
TAL1
SOL3
IDP1
FUM1
MDH1
ALD6
RPE1
ZWF1
PDA1
r_0467
R2: 0.9348
Pearson correlation: 0.9669
Mean relative error: 4.3866
Simulated Flux
LSC1
GLY1
IDP1
PGM1
GCV2
MAE1
OAC1
MDH1
FUM1
PDA1
ZWF1
RPE1
ALD6
r_0886
R2: 0.1932
Pearson correlation: 0.4395
Mean relative error: 24.2926
Simulated Flux
LSC1
GPD1
GLY1
ICL1
GCV2
TAL1
OAC1
MDH1
FUM1
PDA1
ZWF1
ALD6
RPE1
COX5A
Experimental Flux


r_0959
R2: 0.9591
Pearson correlation: 0.9793
Mean relative error: 7.0986
Simulated Flux
LSC1
GPD1
GLY1
PGM2
GCV2
MDH1
FUM1
PDA1
ALD6
ZWF1
RPE1
r_2115
R2: 0.0169
Pearson correlation: 0.1299
Mean relative error: 42.6605
Simulated Flux
GLY1
ICL1
IDP1
SOL4
GCV2
SFC1
ADH3
TAL1
PGM1
MDH1
MAE1
FUM1
ALD6
PDA1
RPE1
ZWF1
GPD1
LSC1
r_2116
R2: 0.1491
Pearson correlation: -0.3862
Mean relative error: 99.6025
Simulated Flux
ALD6
LSC1
PDA1
Experimental Flux


r_0112
R2: 0.9408
Pearson correlation: 0.9699
Mean relative error: 77.5245
PDA1
LSC1
OAC1
ALD6
Simulated Flux
r_2034
R2: 0.1378
Pearson correlation: -0.3712
Mean relative error: 96.4158
MDH1
PDA1
ALD6
ZWF1
Simulated Flux
r_1239
R2: 0.0174
Pearson correlation: -0.1320
Mean relative error: 98.4608
MDH1
ALD6
ZWF1
PDA1
PGM2
Simulated Flux
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
CITI
ADH3
ICL1
GLY1
SER33
DAL7
MAE1
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: 39.4311