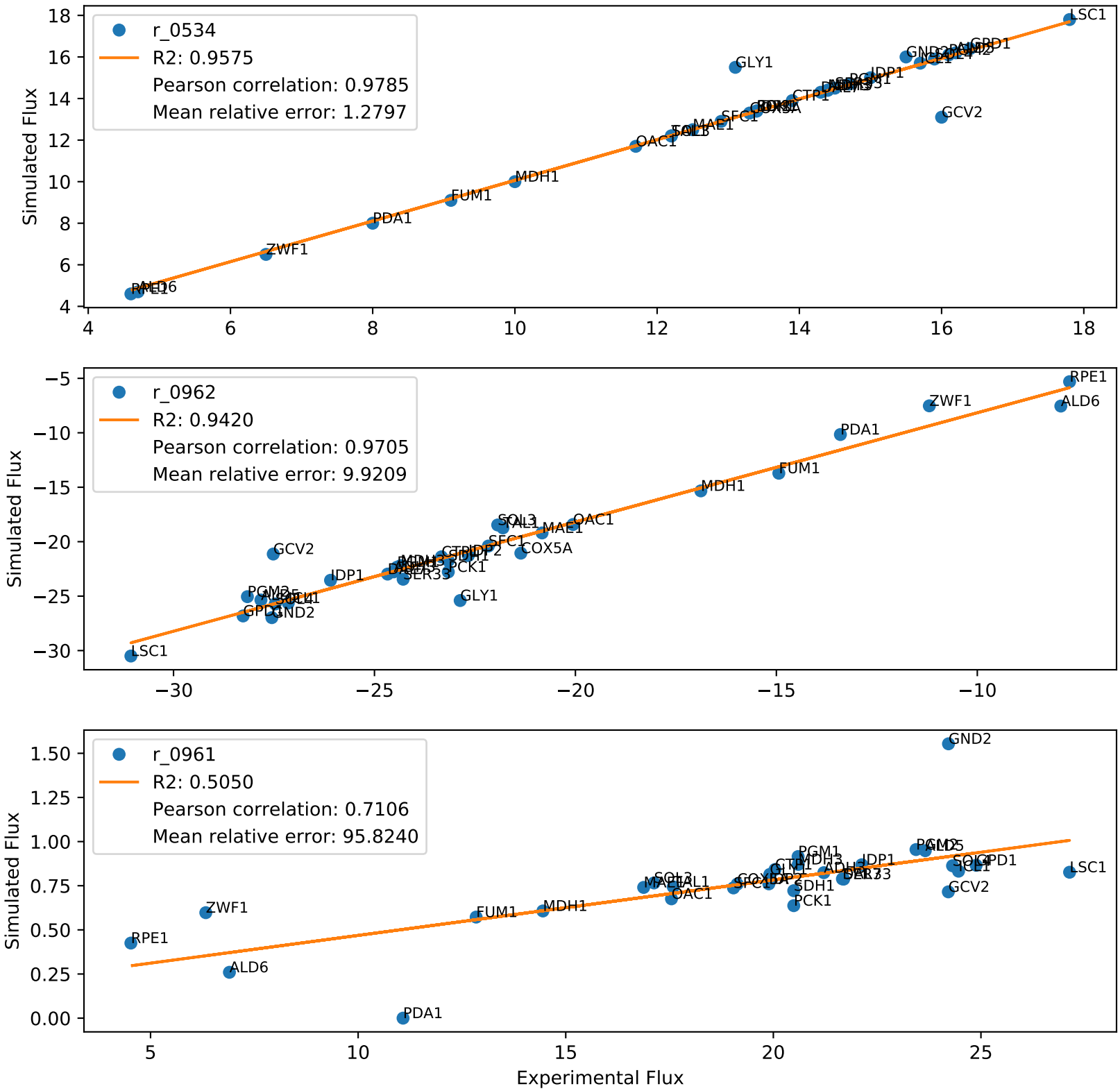
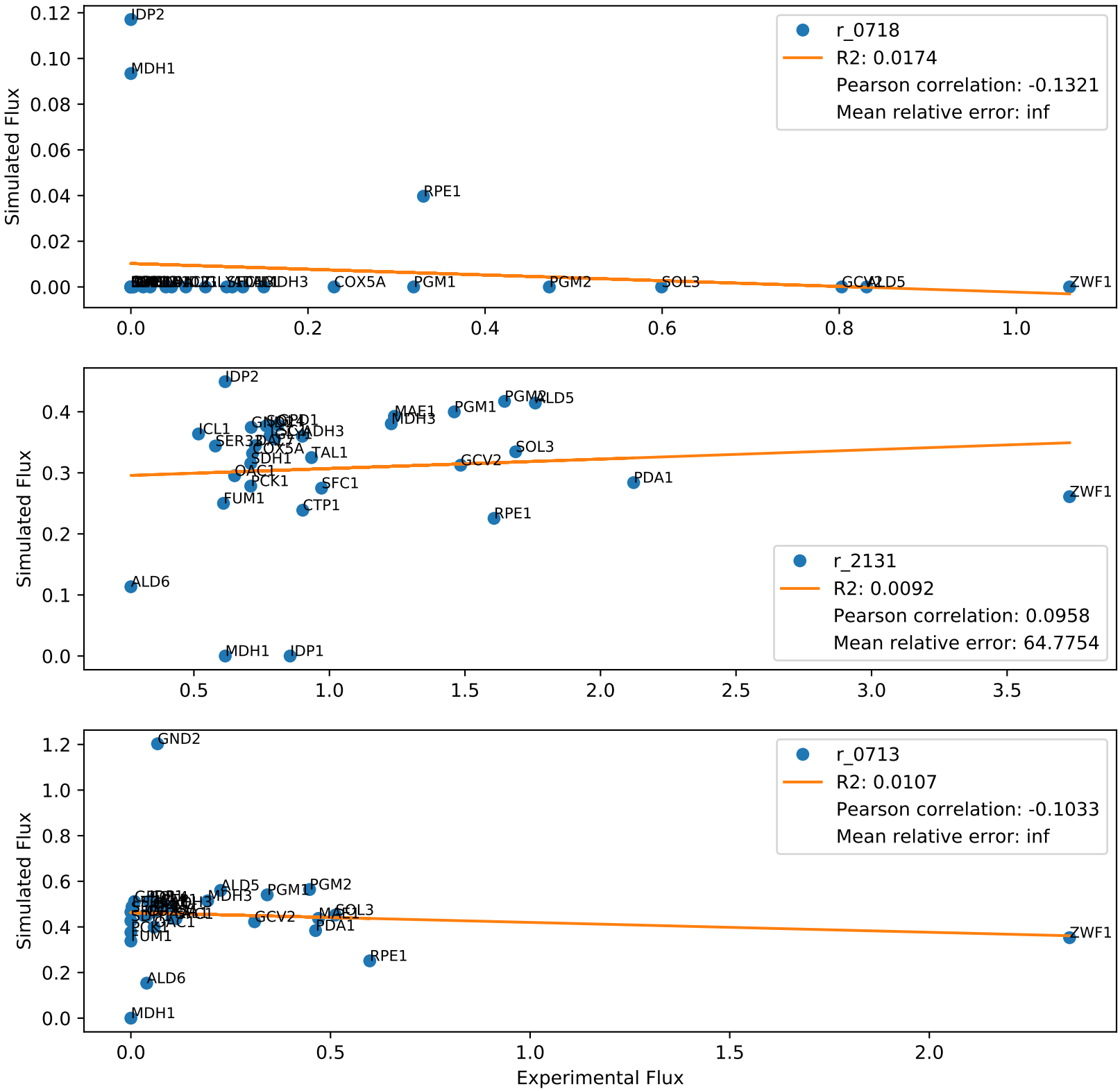
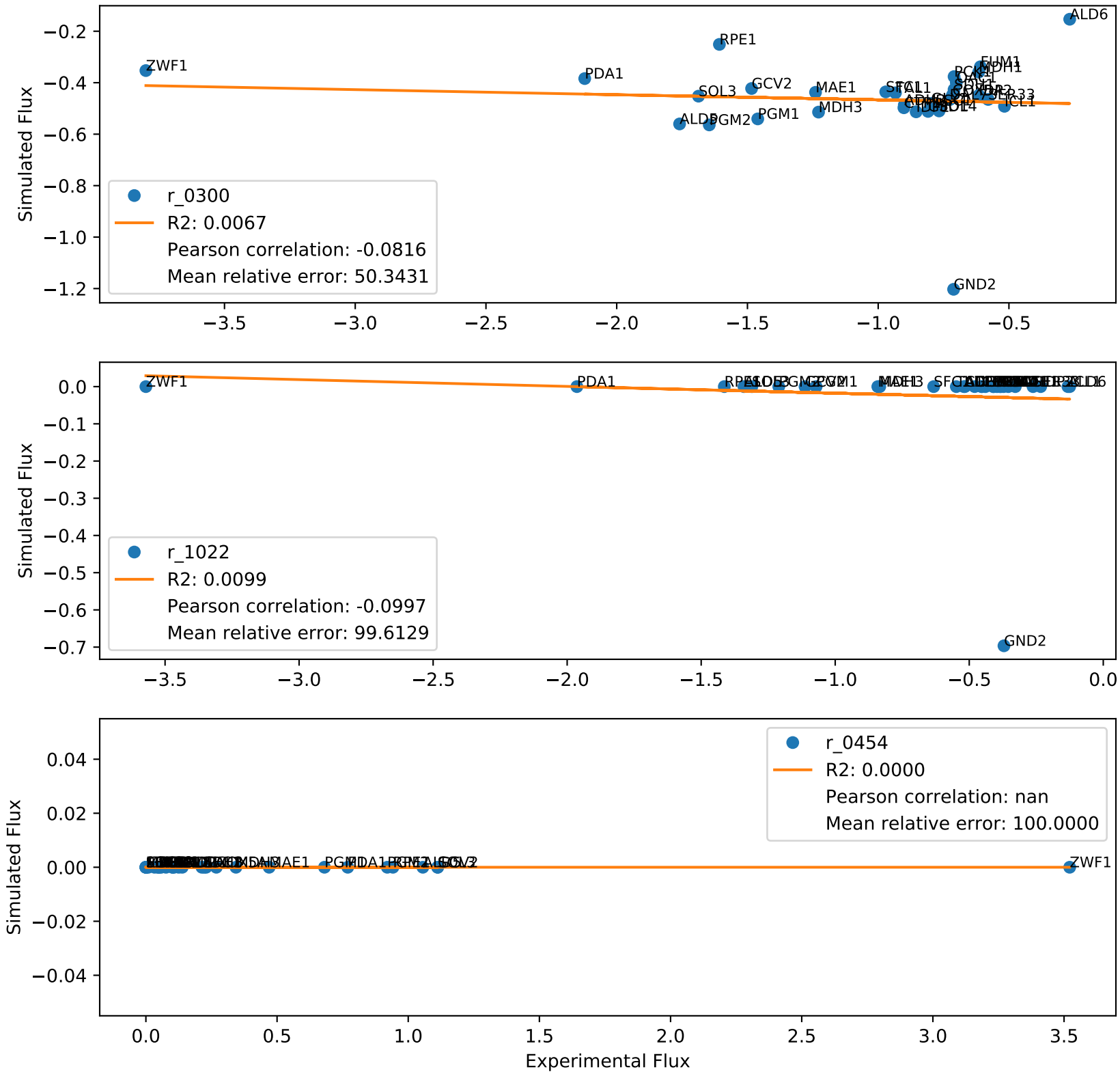
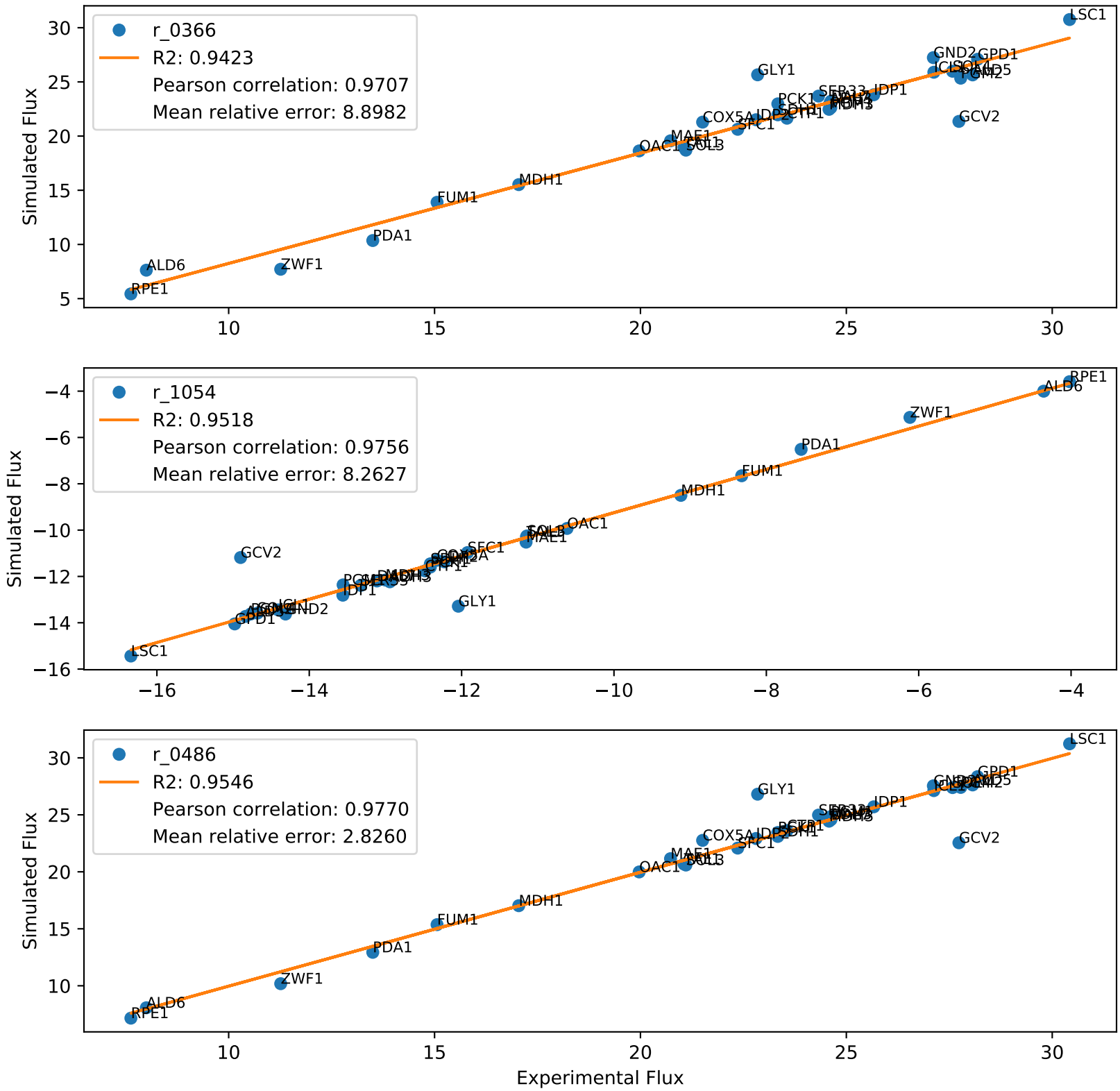
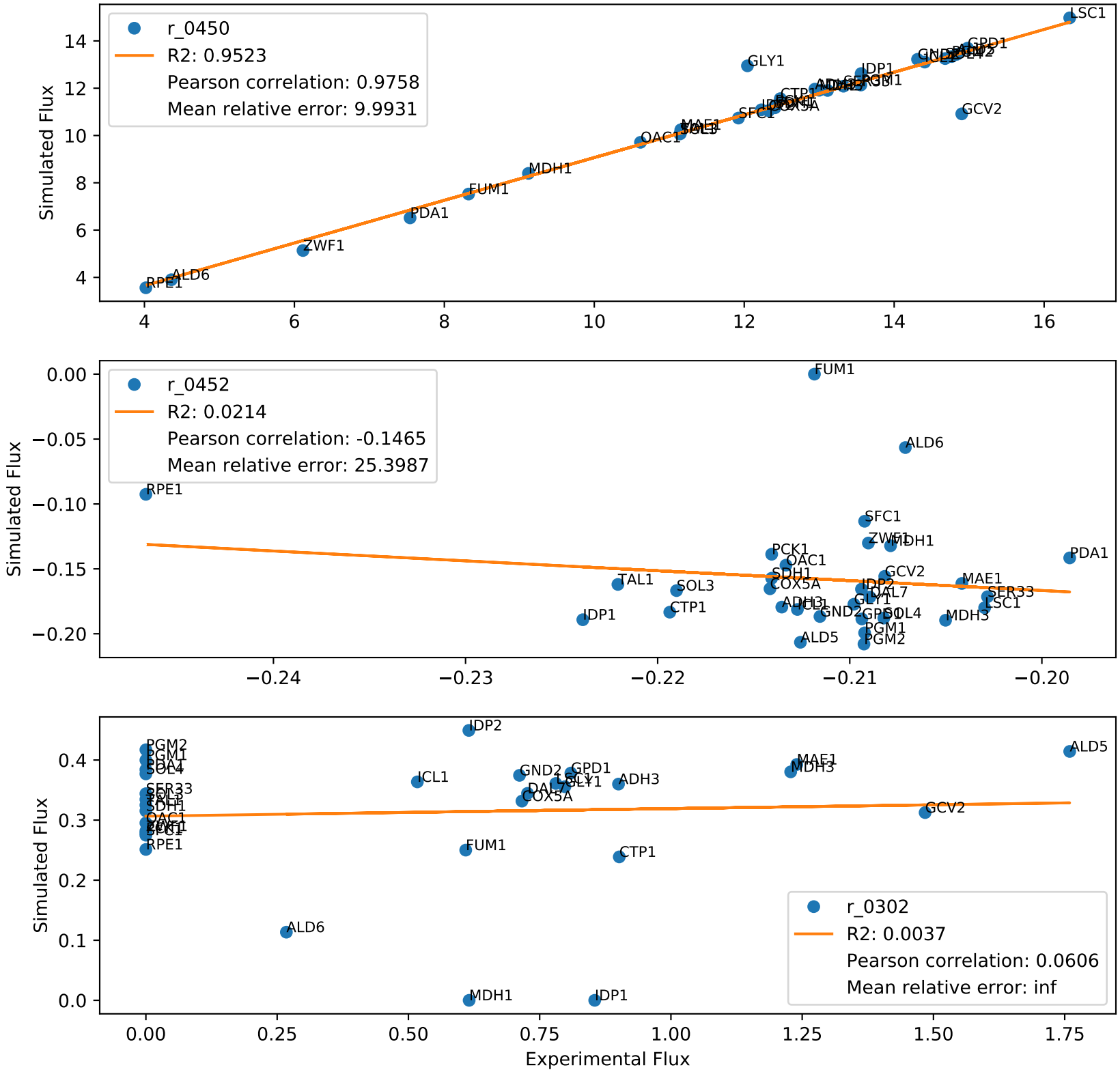
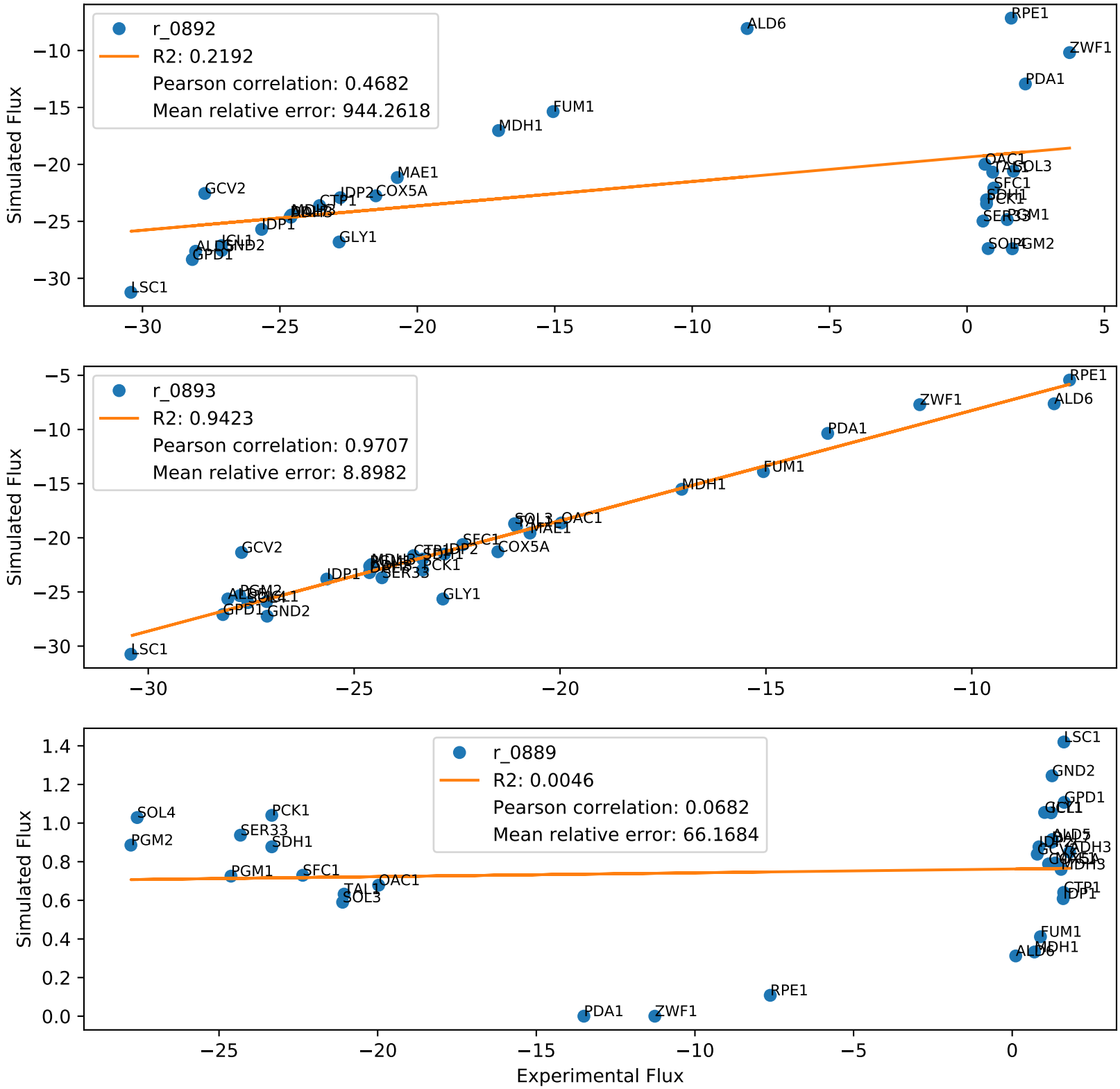

r_0534
R2: 0.9575
Pearson correlation: 0.9785
Mean relative error: 1.2797
Simulated Flux
LSC1
GLY1
GCV2
OAC1
MDH1
FUM1
PDA1
ZWF1
ALD6
r_0962
R2: 0.9420
Pearson correlation: 0.9705
Mean relative error: 9.9209
Simulated Flux
RPE1
ZWF1
ALD6
PDA1
FUM1
MDH1
OAC1
MAE1
COX5A
GCV2
IDP1
PCK1
SER33
GLY1
GND2
LSC1
r_0961
R2: 0.5050
Pearson correlation: 0.7106
Mean relative error: 95.8240
Simulated Flux
GND2
PGM1
IDP1
LSC1
GCV2
SDH1
PCK1
OAC1
FUM1
MDH1
ZWF1
RPE1
ALD6
PDA1
Experimental Flux

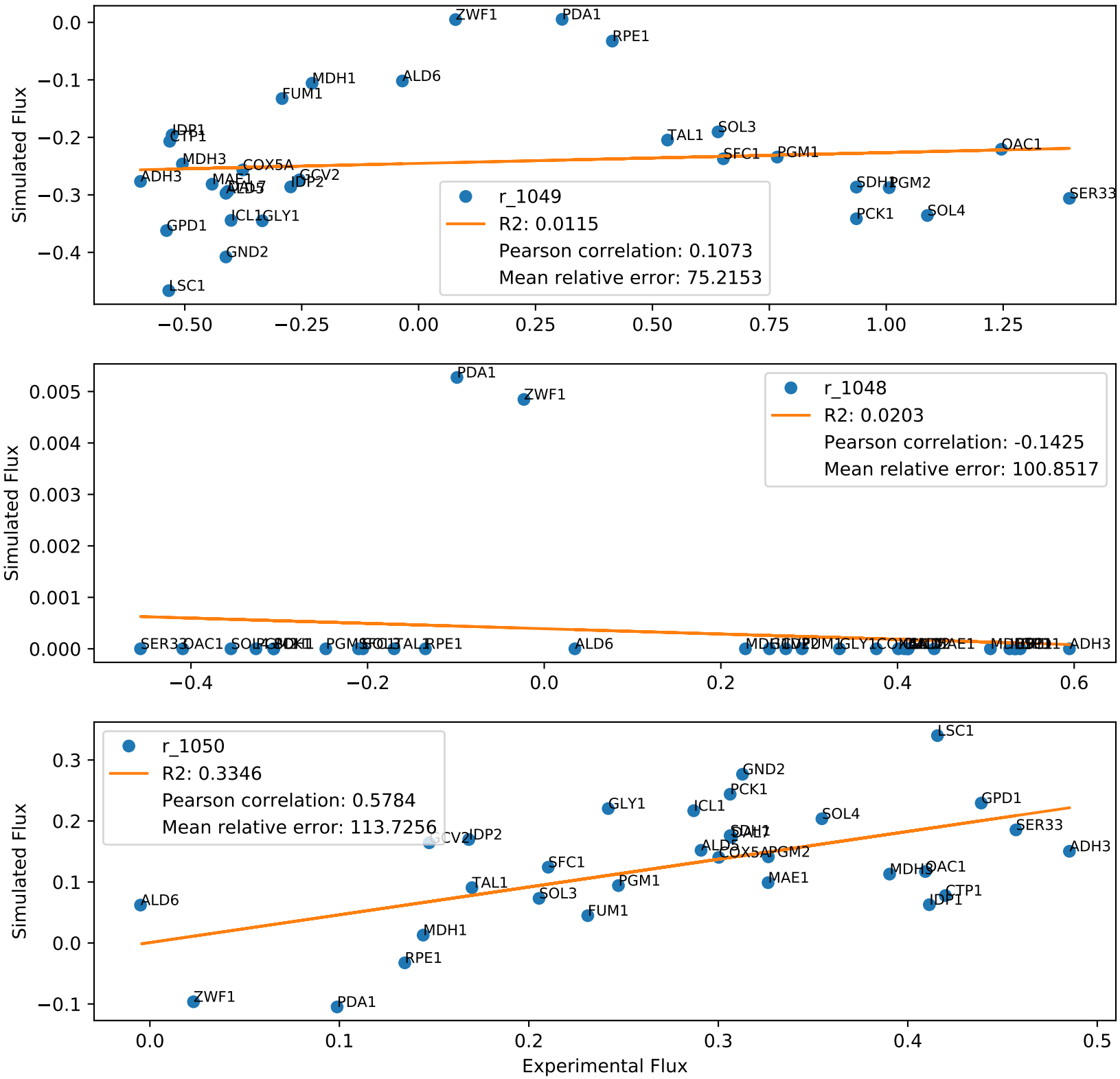

r_0718
R2: 0.0174
Pearson correlation: -0.1321
Mean relative error: inf
Simulated Flux
IDP2
MDH1
RPE1
COX5A
PGM1
PGM2
SOL3
ALD5
ZWF1
r_2131
R2: 0.0092
Pearson correlation: 0.0958
Mean relative error: 64.7754
Simulated Flux
IDP2
PGM1
MDH3
ICL1
SOL3
TAL1
GCV2
PDA1
ZWF1
SFC1
PCK1
FUM1
CTP1
RPE1
ALD6
MDH1
IDP1
r_0713
R2: 0.0107
Pearson correlation: -0.1033
Mean relative error: inf
Simulated Flux
GND2
ALD5
PGM1
PGM2
MDH3
GCV2
SOL3
PDA1
ZWF1
FUM1
RPE1
ALD6
MDH1
Experimental Flux

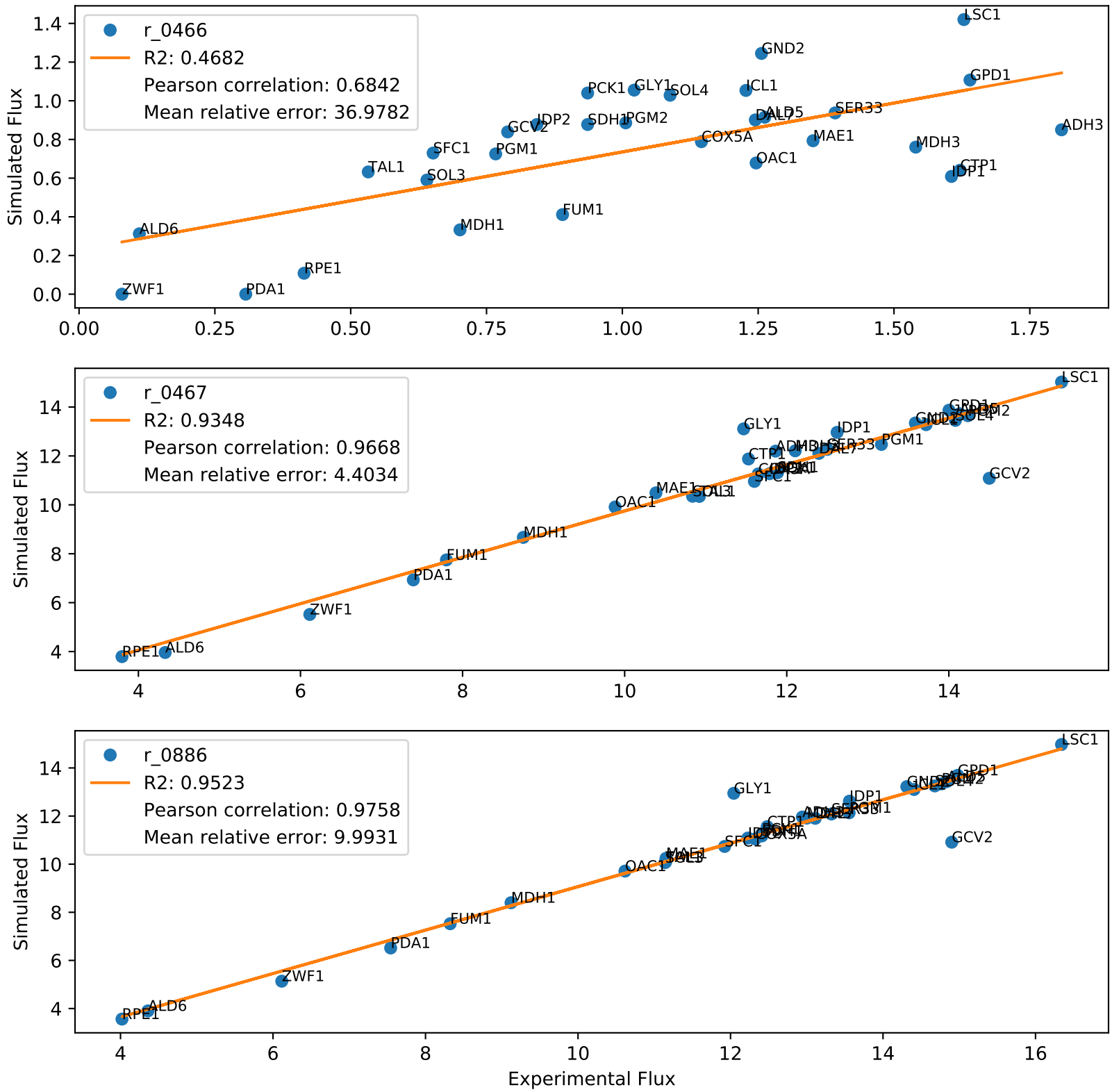

r_0300
R2: 0.0067
Pearson correlation: -0.0816
Mean relative error: 50.3431
Simulated Flux
ZWF1
PDA1
RPE1
ALD6
GCV2
MAE1
SOL3
PGM1
MDH3
GND2
r_1022
R2: 0.0099
Pearson correlation: -0.0997
Mean relative error: 99.6129
Simulated Flux
ZWF1
PDA1
GND2
r_0454
R2: 0.0000
Pearson correlation: nan
Mean relative error: 100.0000
Simulated Flux
ZWF1
Experimental Flux

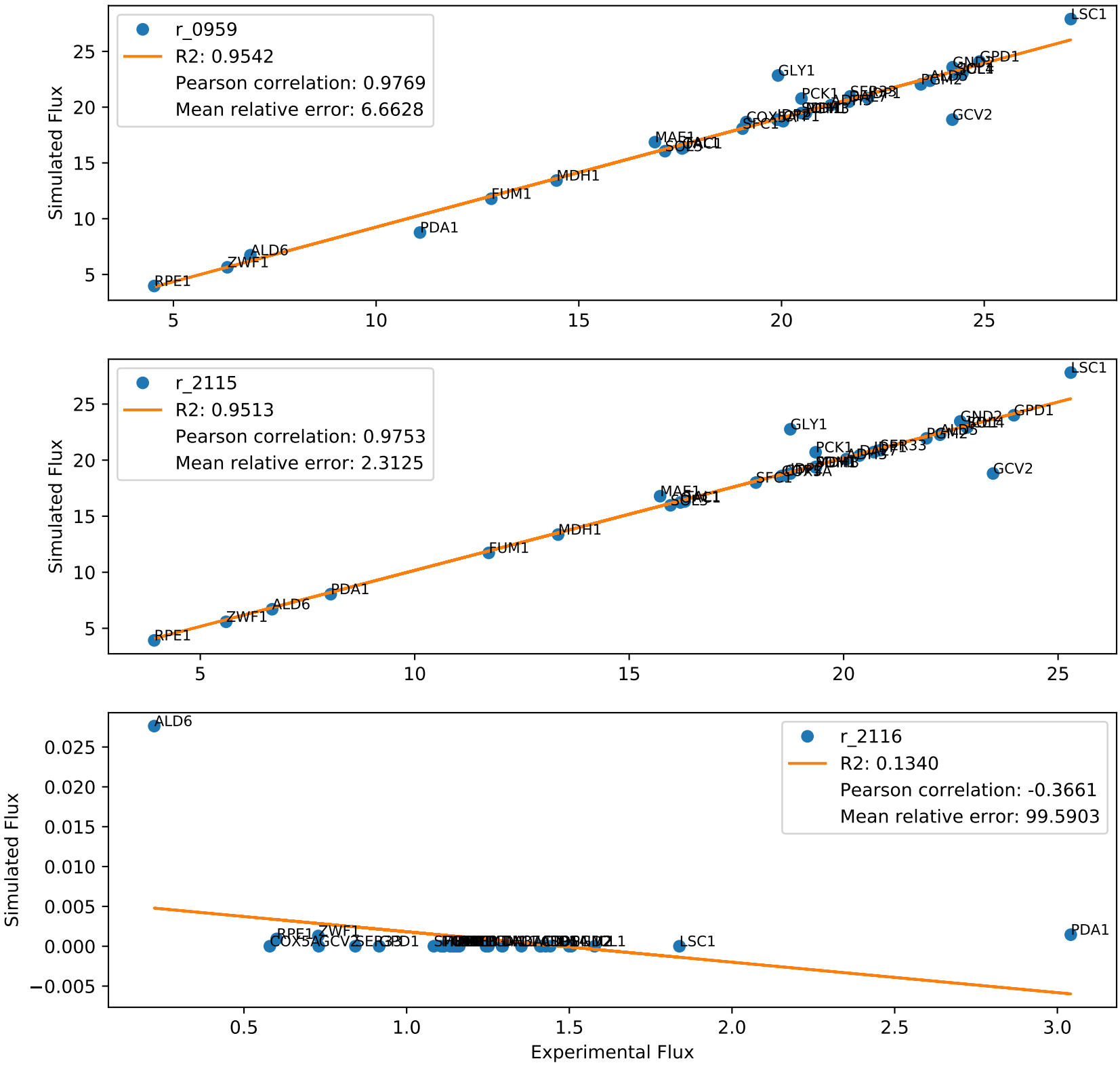

r_0366
R2: 0.9423
Pearson correlation: 0.9707
Mean relative error: 8.8982
Simulated Flux
LSC1
GND2
GPD1
GLY1
IDP1
PCK1
COX5A
SFC1
GCV2
MAE1
OAC1
MDH1
FUM1
PDA1
ALD6
ZWF1
RPE1
r_1054
R2: 0.9518
Pearson correlation: 0.9756
Mean relative error: 8.2627
Simulated Flux
RPE1
ALD6
ZWF1
PDA1
FUM1
MDH1
OAC1
SFC1
GCV2
GLY1
LSC1
r_0486
R2: 0.9546
Pearson correlation: 0.9770
Mean relative error: 2.8260
Simulated Flux
LSC1
GPD1
GLY1
IDP1
COX5A
SFC1
GCV2
MAE1
OAC1
MDH1
FUM1
PDA1
ZWF1
ALD6
RPE1
Experimental Flux

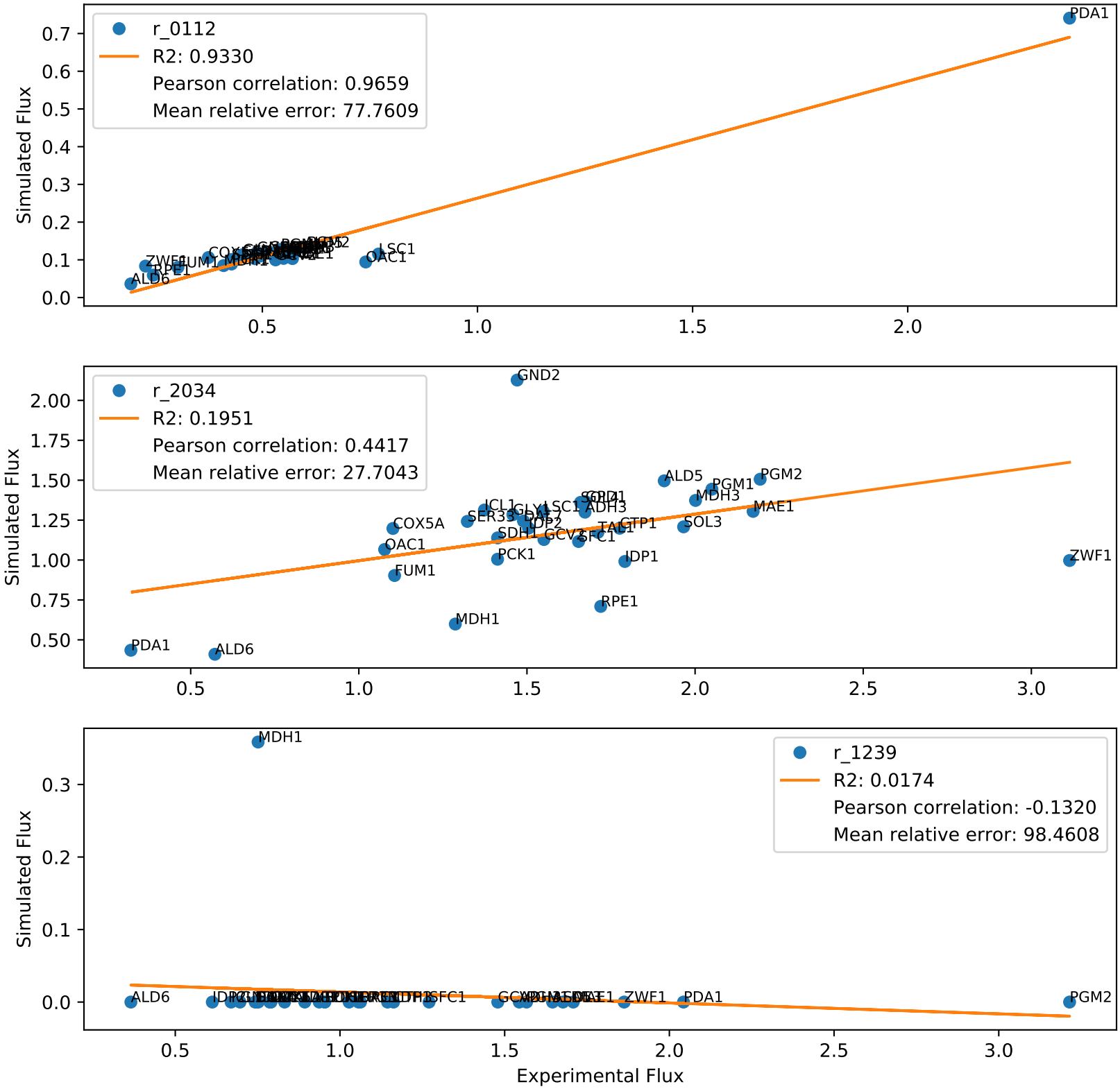

r_0450
R2: 0.9523
Pearson correlation: 0.9758
Mean relative error: 9.9931
Simulated Flux
LSC1
GPD1
GLY1
IDP1
GCV2
OAC1
MDH1
FUM1
PDA1
ZWF1
ALD6
RPE1
r_0452
R2: 0.0214
Pearson correlation: -0.1465
Mean relative error: 25.3987
Simulated Flux
FUM1
ALD6
RPE1
SFC1
PCK1
OAC1
PDA1
GCV2
MAE1
TAL1
SOL3
CTP1
IDP1
ALD5
MDH3
r_0302
R2: 0.0037
Pearson correlation: 0.0606
Mean relative error: inf
Simulated Flux
Experimental Flux
IDP2
ALD5
MAE1
MDH3
ICL1
GND2
GPD1
ADH3
COX5A
GCV2
FUM1
CTP1
ALD6
MDH1
IDP1
RPE1

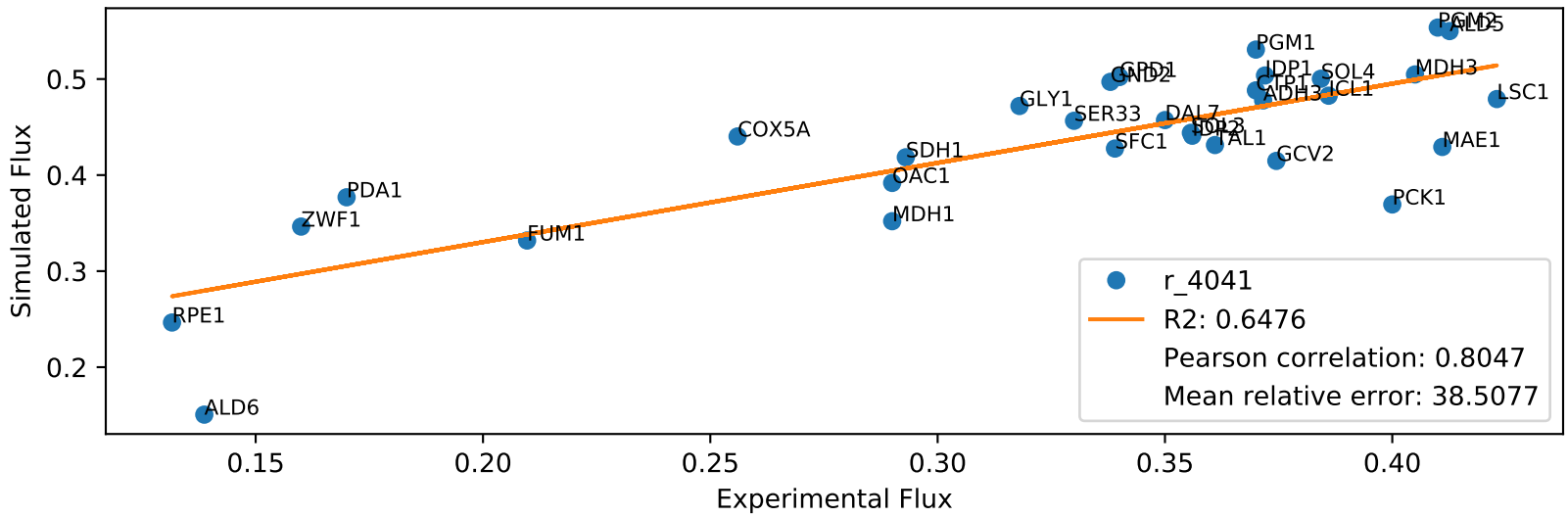

r_0892
R2: 0.2192
Pearson correlation: 0.4682
Mean relative error: 944.2618
Simulated Flux
r_0893
R2: 0.9423
Pearson correlation: 0.9707
Mean relative error: 8.8982
Simulated Flux
r_0889
R2: 0.0046
Pearson correlation: 0.0682
Mean relative error: 66.1684
Simulated Flux
Experimental Flux


r_1049
R2: 0.0115
Pearson correlation: 0.1073
Mean relative error: 75.2153
Simulated Flux
r_1048
R2: 0.0203
Pearson correlation: -0.1425
Mean relative error: 100.8517
Simulated Flux
r_1050
R2: 0.3346
Pearson correlation: 0.5784
Mean relative error: 113.7256
Simulated Flux
Experimental Flux


r_0466
R2: 0.4682
Pearson correlation: 0.6842
Mean relative error: 36.9782
Simulated Flux
LSC1
GND2
GPD1
PCK1
GLY1
SOL4
ICL1
SER33
ADH3
IDP2
SDH1
PGM2
GCV2
COX5A
MAE1
MDH3
SFC1
PGM1
OAC1
CTP1
TAL1
SOL3
IDP1
FUM1
ALD6
MDH1
RPE1
ZWF1
PDA1
r_0467
R2: 0.9348
Pearson correlation: 0.9668
Mean relative error: 4.4034
Simulated Flux
LSC1
GLY1
IDP1
PGM1
GCV2
MAE1
OAC1
MDH1
FUM1
PDA1
ZWF1
RPE1
ALD6
r_0886
R2: 0.9523
Pearson correlation: 0.9758
Mean relative error: 9.9931
Simulated Flux
LSC1
GPD1
GLY1
IDP1
GCV2
OAC1
MDH1
FUM1
PDA1
ZWF1
ALD6
RPE1
Experimental Flux


r_0959
R2: 0.9542
Pearson correlation: 0.9769
Mean relative error: 6.6628
Simulated Flux
LSC1
GPD1
GLY1
PCK1
GCV2
MAE1
MDH1
FUM1
PDA1
ALD6
ZWF1
RPE1
r_2115
R2: 0.9513
Pearson correlation: 0.9753
Mean relative error: 2.3125
Simulated Flux
LSC1
GND2
GPD1
GLY1
PCK1
GCV2
SFC1
MAE1
MDH1
FUM1
PDA1
ALD6
ZWF1
RPE1
r_2116
R2: 0.1340
Pearson correlation: -0.3661
Mean relative error: 99.5903
Simulated Flux
ALD6
PDA1
LSC1
RPE1
ZWF1
Experimental Flux


r_0112
R2: 0.9330
Pearson correlation: 0.9659
Mean relative error: 77.7609
Simulated Flux
PDA1
LSC1
OAC1
ZWF1
RPE1
FUM1
ALD6
r_2034
R2: 0.1951
Pearson correlation: 0.4417
Mean relative error: 27.7043
Simulated Flux
GND2
ALD5
PGM1
PGM2
MDH3
MAE1
ADH3
ICL1
SER3
COX5A
SOL3
GTP1
SDH1
OAC1
PCK1
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
PGM2
ALD5
PGM1
GPD1
GND2
IDP1
SOL4
MDH3
CTP1
ADH3
ICL1
LSC1
GLY1
SER33
DAL7
COX5A
SDH1
SFC1
TAL1
GCV2
MAE1
OAC1
PDA1
ZWF1
MDH1
PCK1
FUM1
RPE1
ALD6
r_4041
R2: 0.6476
Pearson correlation: 0.8047
Mean relative error: 38.5077