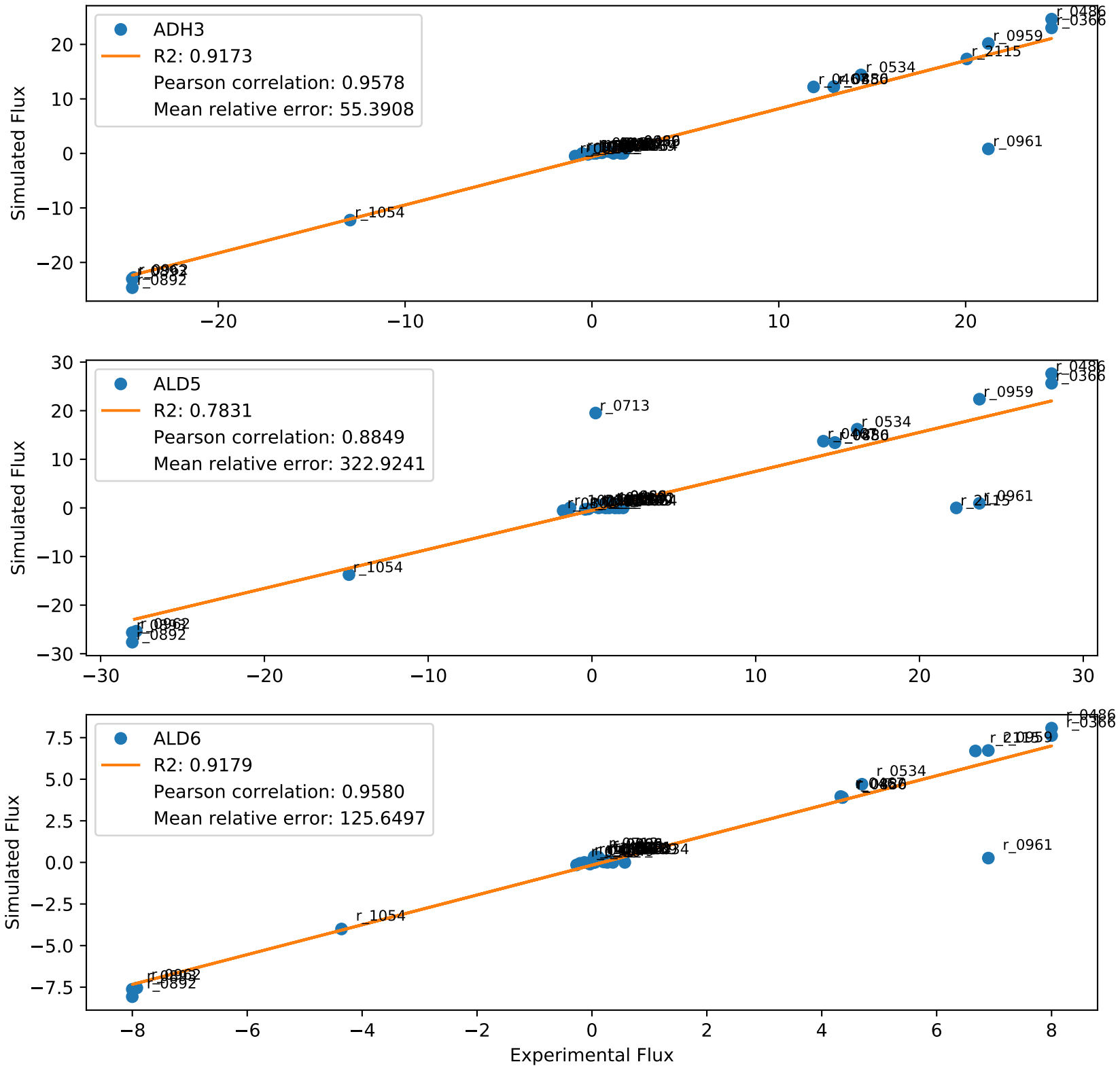
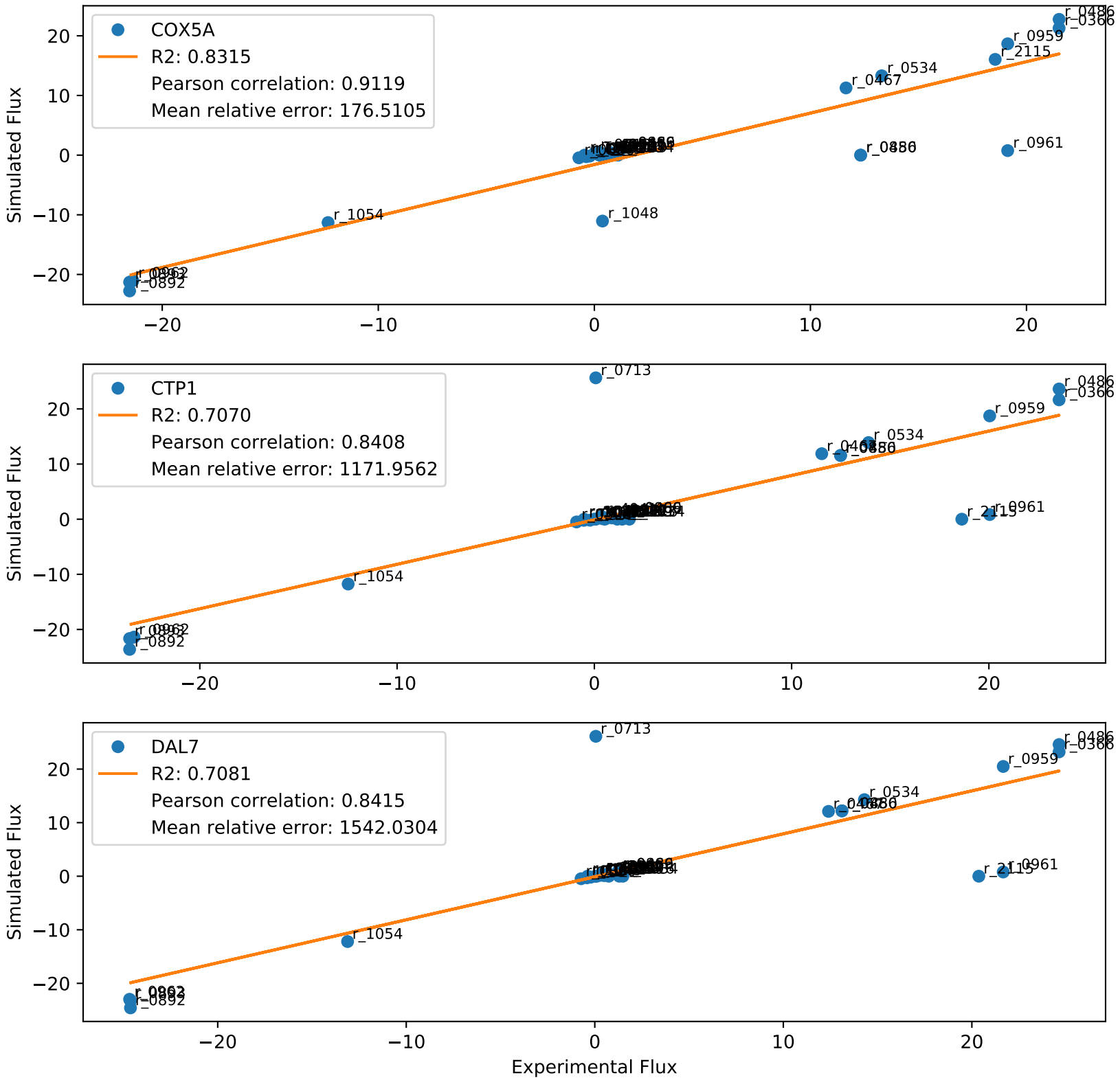
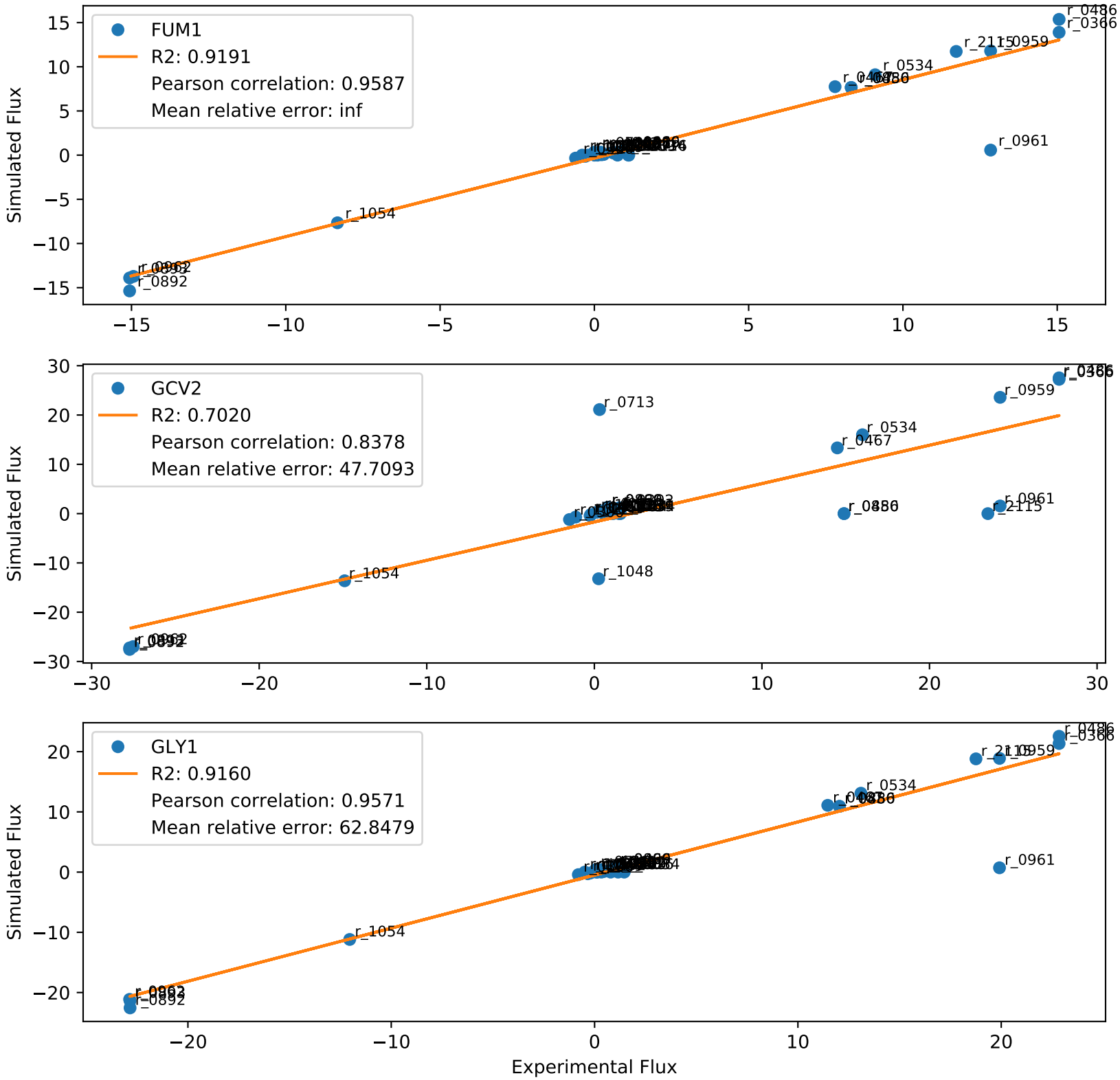
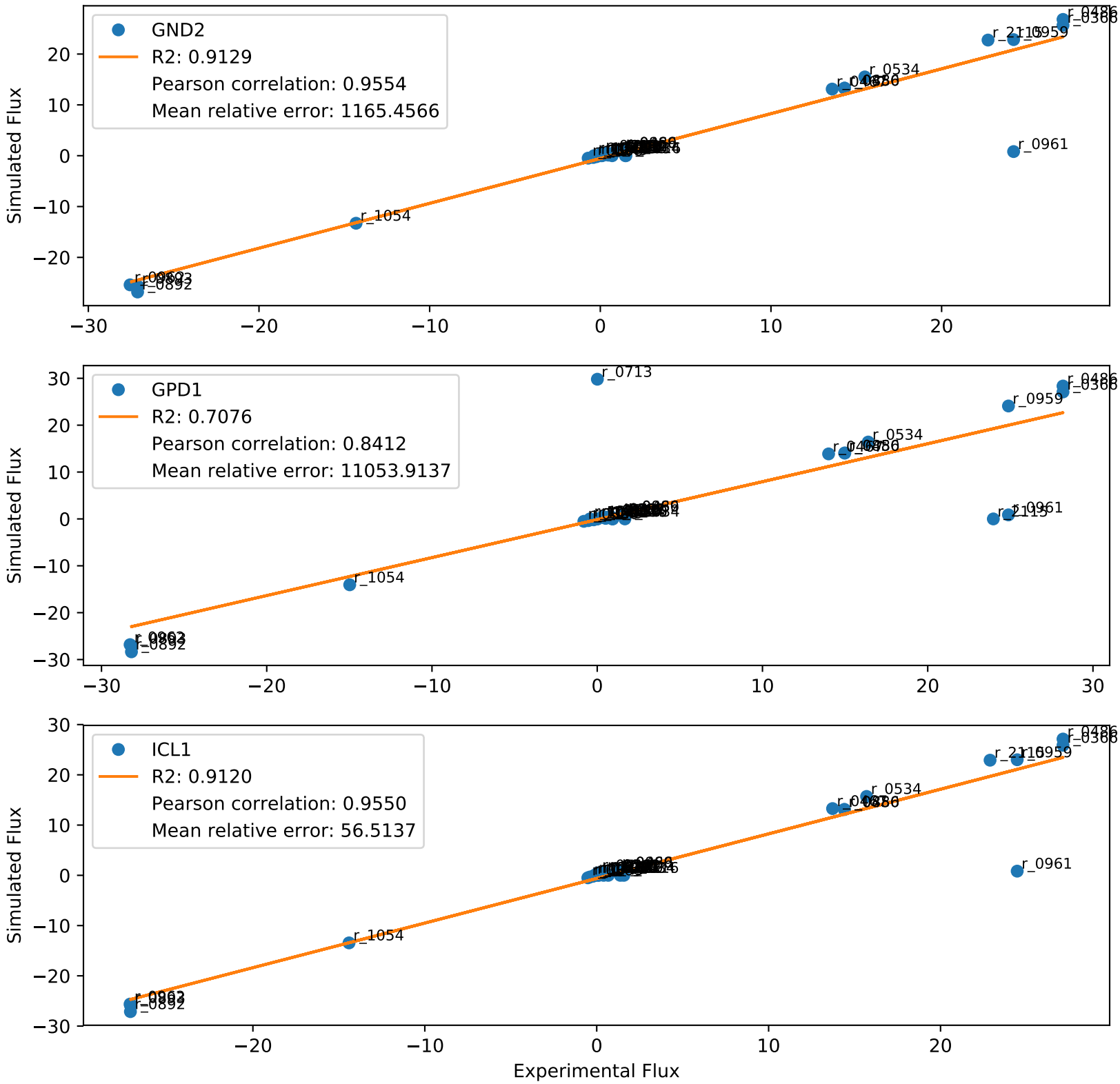
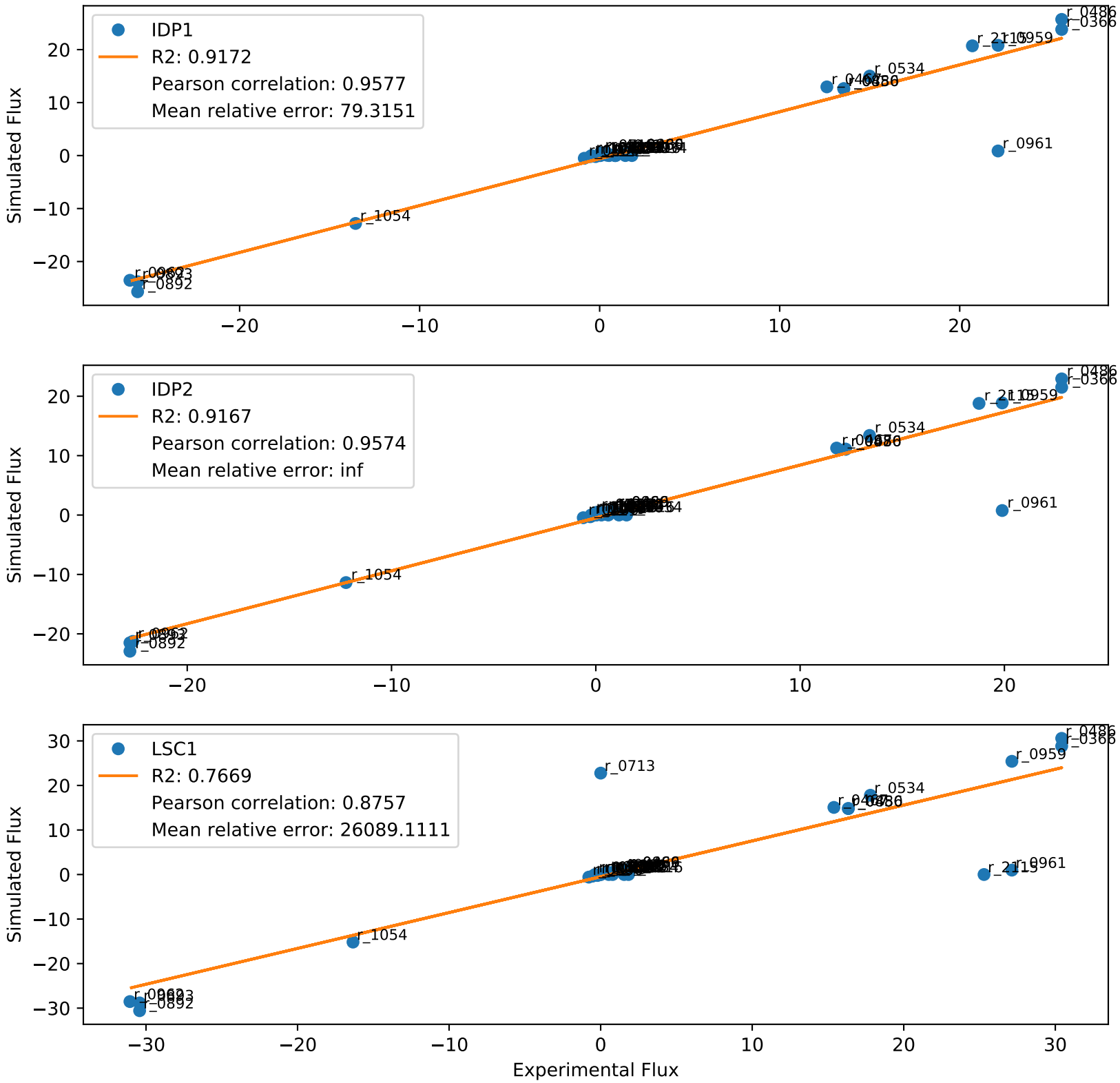
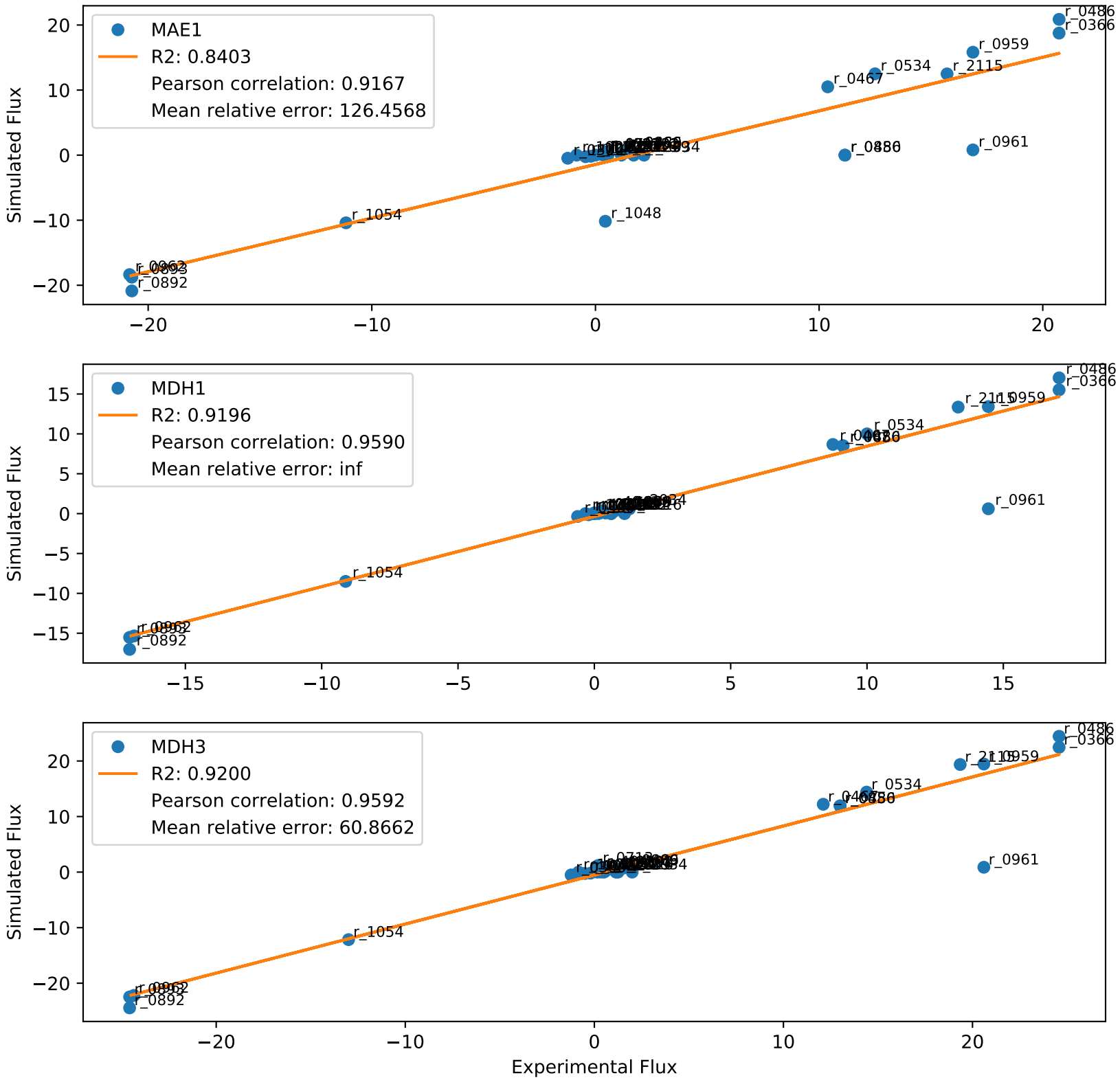

ADH3
R2: 0.9173
Pearson correlation: 0.9578
Mean relative error: 55.3908
ALD5
R2: 0.7831
Pearson correlation: 0.8849
Mean relative error: 322.9241
ALD6
R2: 0.9179
Pearson correlation: 0.9580
Mean relative error: 125.6497
Simulated Flux
Experimental Flux
r_0486
r_0366
r_0959
r_2115
r_0534
r_0961
r_1054
r_0892
r_0713

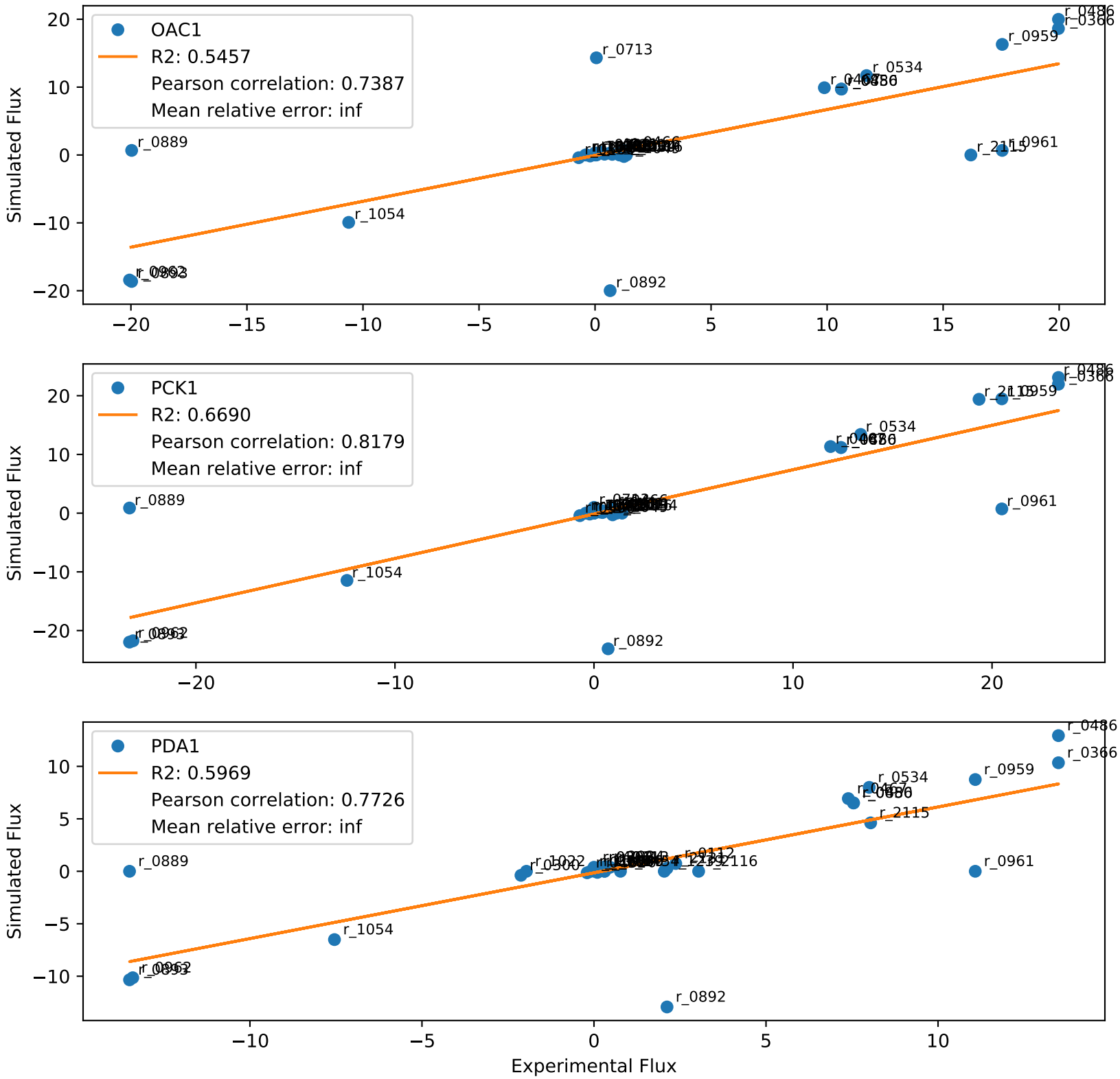

COX5A
R2: 0.8315
Pearson correlation: 0.9119
Mean relative error: 176.5105
r_0959
r_2115
r_0534
r_0467
r_0961
r_1054
r_1048
r_0892
CTP1
R2: 0.7070
Pearson correlation: 0.8408
Mean relative error: 1171.9562
r_0713
r_0486
r_0366
r_0959
r_0534
r_0961
r_1054
r_0892
DAL7
R2: 0.7081
Pearson correlation: 0.8415
Mean relative error: 1542.0304
r_0713
r_0959
r_0534
r_0961
r_1054
r_0892
Simulated Flux
Experimental Flux

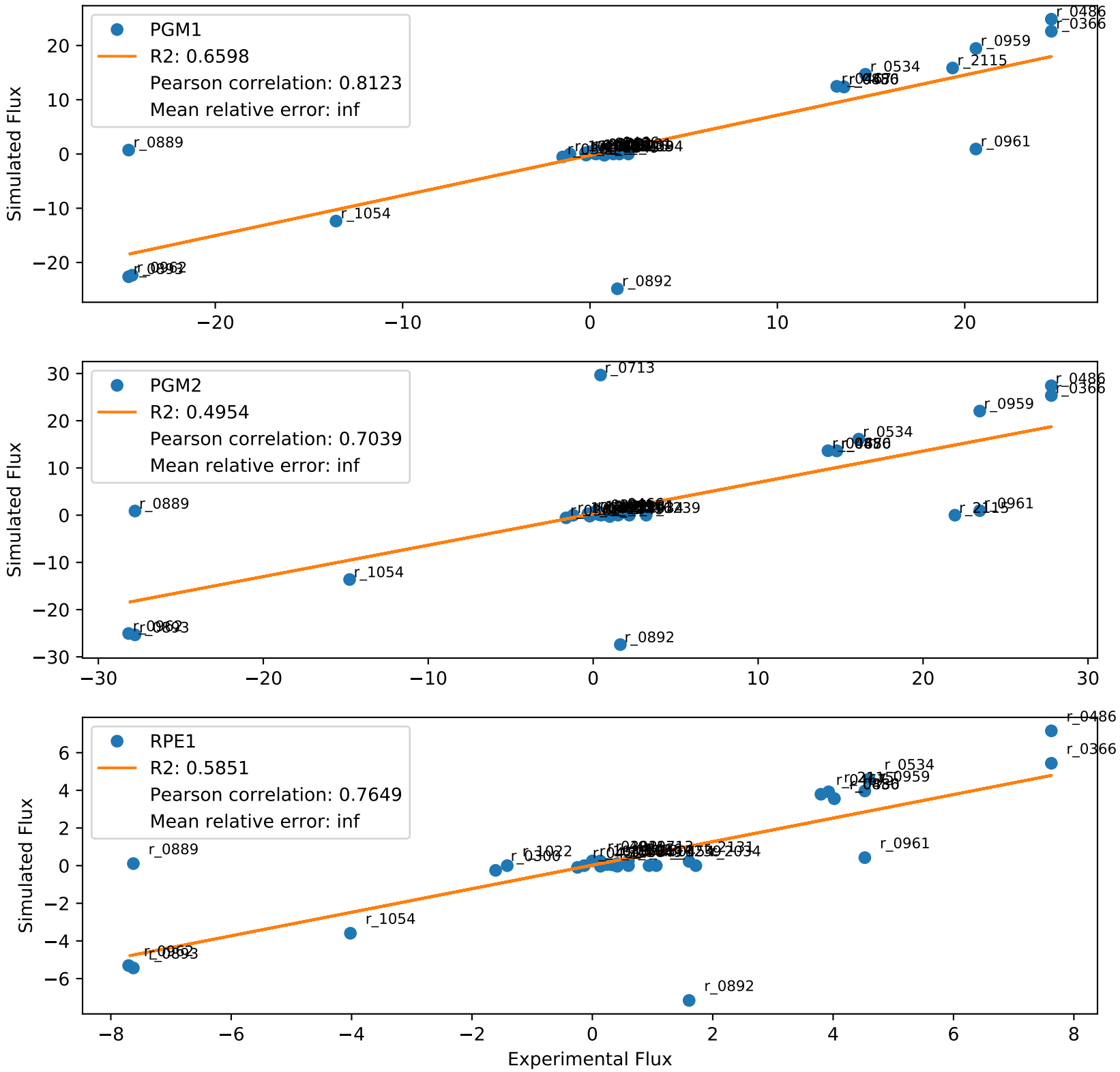

FUM1
R2: 0.9191
Pearson correlation: 0.9587
Mean relative error: inf
r_0486
r_0366
r_2115
r_0959
r_0534
r_0961
r_1054
r_0892
GCV2
R2: 0.7020
Pearson correlation: 0.8378
Mean relative error: 47.7093
r_0713
r_0959
r_0534
r_0467
r_0961
r_2115
r_1054
r_1048
GLY1
R2: 0.9160
Pearson correlation: 0.9571
Mean relative error: 62.8479
r_0486
r_0366
r_0959
r_0534
r_0961
r_1054
r_0892
Simulated Flux
Experimental Flux

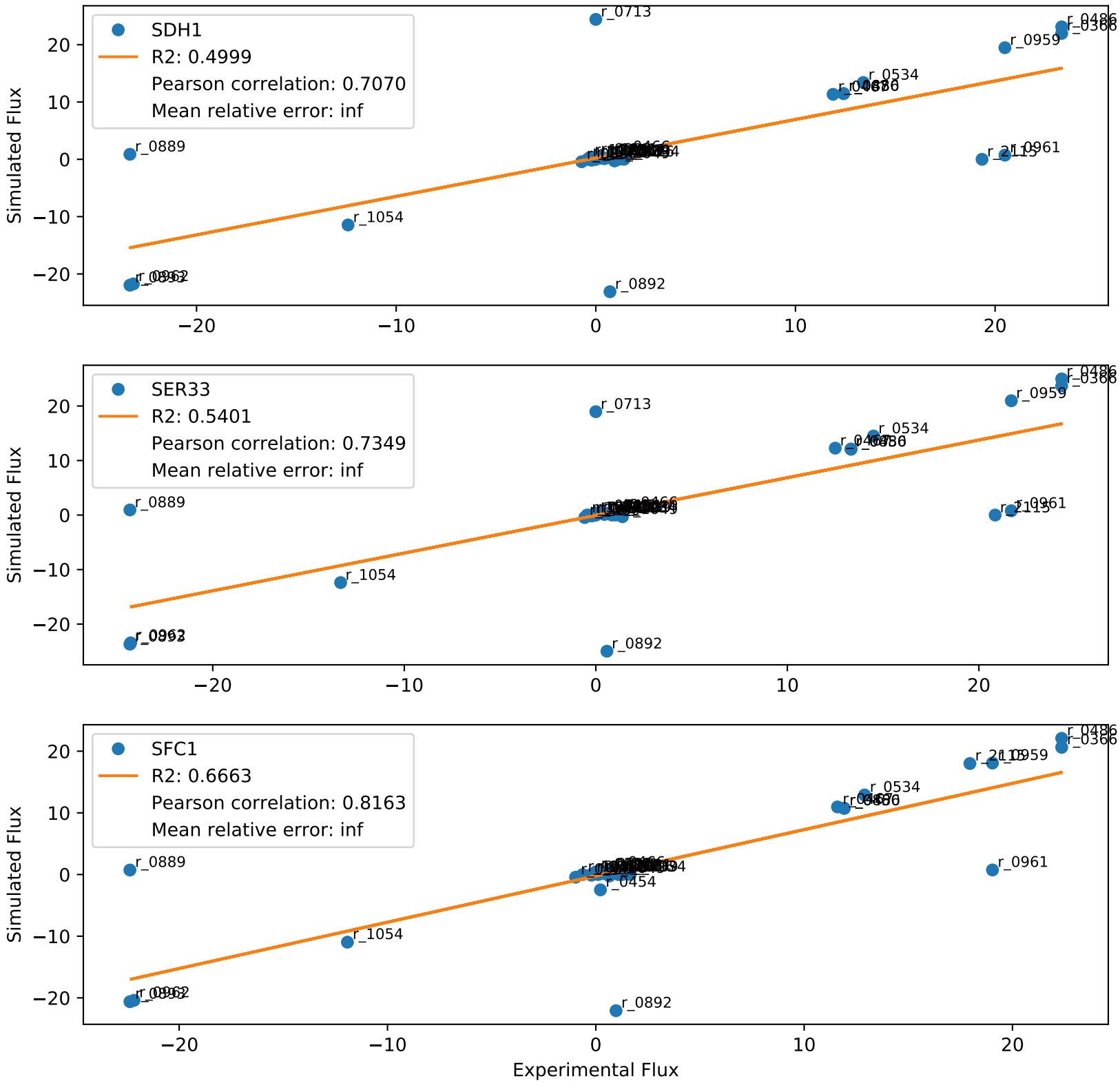

GND2
R2: 0.9129
Pearson correlation: 0.9554
Mean relative error: 1165.4566
r_0534
r_0961
r_1054
GPD1
R2: 0.7076
Pearson correlation: 0.8412
Mean relative error: 11053.9137
r_0713
r_0959
r_0534
r_1054
ICL1
R2: 0.9120
Pearson correlation: 0.9550
Mean relative error: 56.5137
r_0534
r_0961
r_1054
Simulated Flux
Experimental Flux

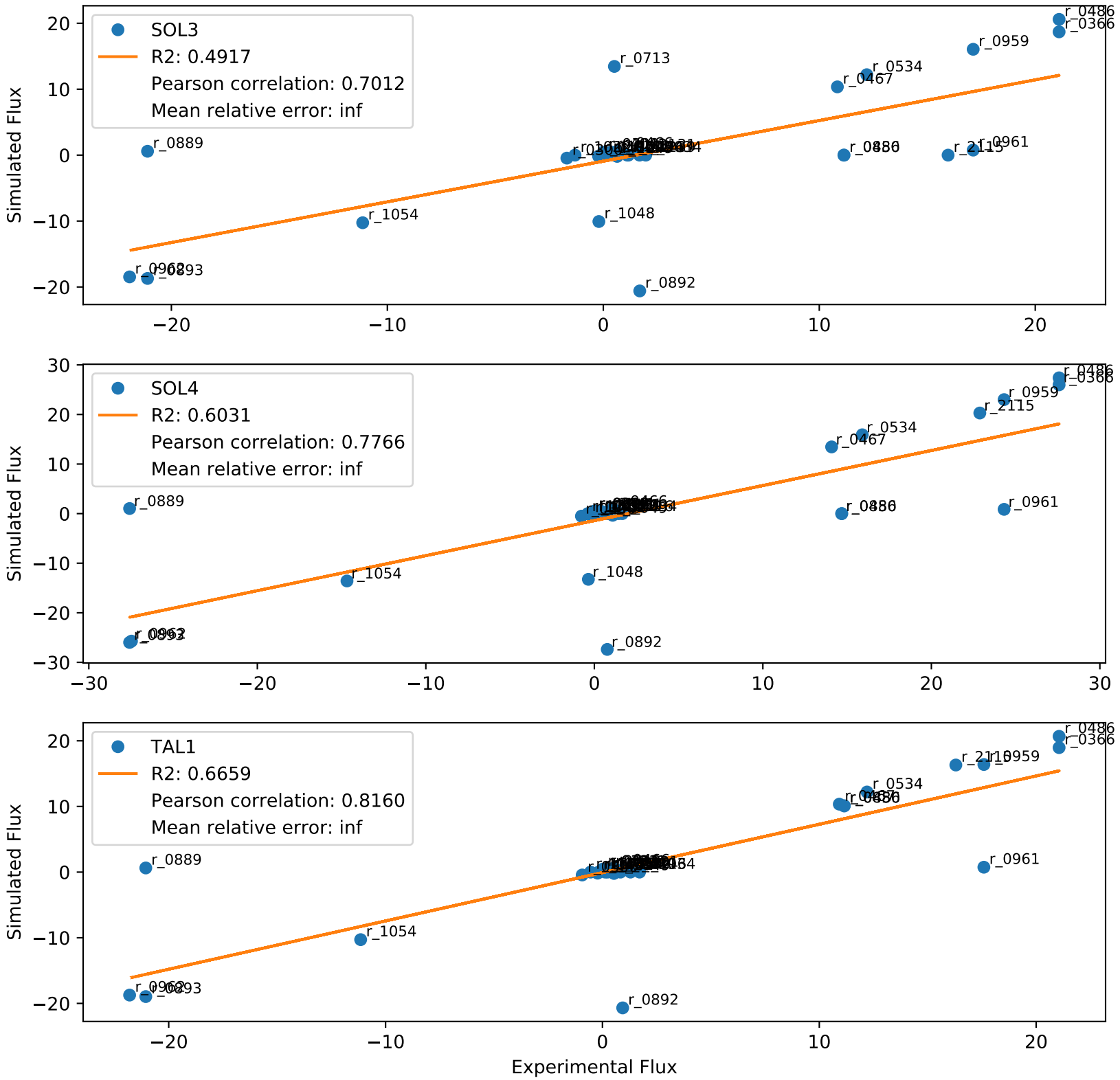

IDP1
R2: 0.9172
Pearson correlation: 0.9577
Mean relative error: 79.3151
IDP2
R2: 0.9167
Pearson correlation: 0.9574
Mean relative error: inf
LSC1
R2: 0.7669
Pearson correlation: 0.8757
Mean relative error: 26089.1111
Simulated Flux
Experimental Flux
r_0534
r_0961
r_1054
r_0892
r_0713
r_0959
r_0486
r_0366

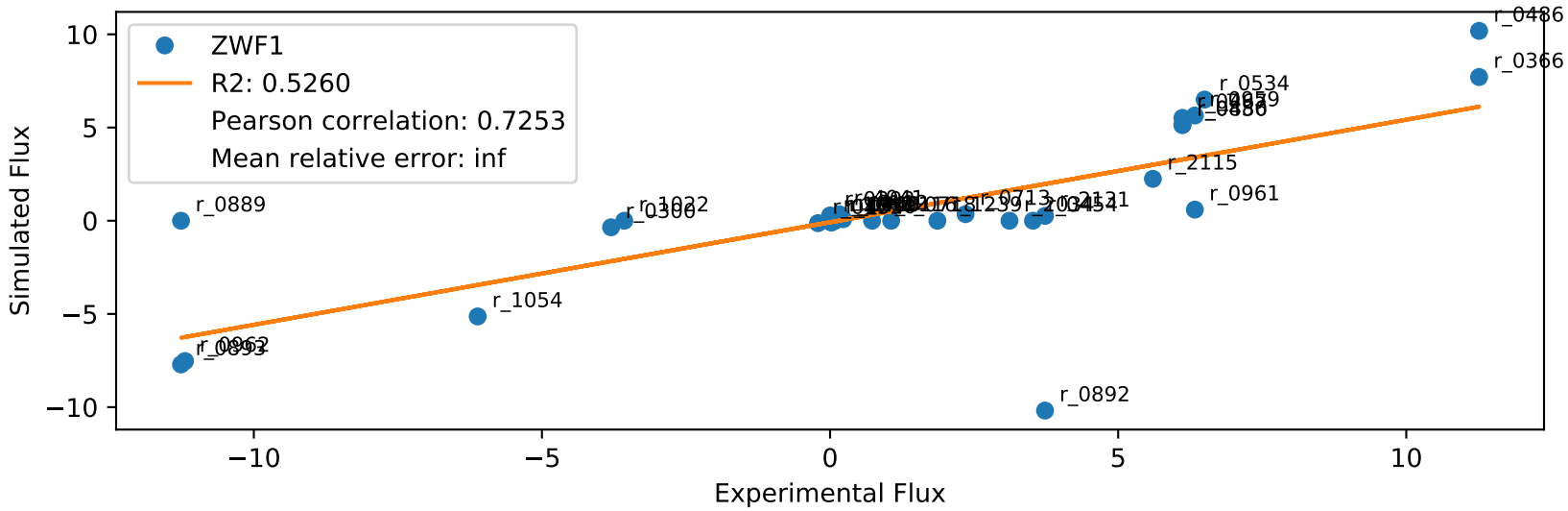

MAE1
R2: 0.8403
Pearson correlation: 0.9167
Mean relative error: 126.4568
MDH1
R2: 0.9196
Pearson correlation: 0.9590
Mean relative error: inf
MDH3
R2: 0.9200
Pearson correlation: 0.9592
Mean relative error: 60.8662
Simulated Flux
Experimental Flux
r_0486
r_0366
r_0959
r_0534
r_2115
r_0467
r_0961
r_1054
r_1048
r_0892


OAC1
R2: 0.5457
Pearson correlation: 0.7387
Mean relative error: inf
PCK1
R2: 0.6690
Pearson correlation: 0.8179
Mean relative error: inf
PDA1
R2: 0.5969
Pearson correlation: 0.7726
Mean relative error: inf
Simulated Flux
Experimental Flux
r_0486
r_0366
r_0959
r_0713
r_0534
r_0889
r_2115
r_0961
r_1054
r_0892


PGM1
R2: 0.6598
Pearson correlation: 0.8123
Mean relative error: inf
Simulated Flux
r_0486
r_0366
r_0959
r_2115
r_0534
r_0889
r_0961
r_1054
r_0892
PGM2
R2: 0.4954
Pearson correlation: 0.7039
Mean relative error: inf
Simulated Flux
r_0713
r_0486
r_0366
r_0959
r_0534
r_0889
r_0961
r_1054
r_0892
RPE1
R2: 0.5851
Pearson correlation: 0.7649
Mean relative error: inf
Simulated Flux
Experimental Flux
r_0486
r_0366
r_0534
r_0959
r_0889
r_0961
r_1054
r_0892


SDH1
R2: 0.4999
Pearson correlation: 0.7070
Mean relative error: inf
SER33
R2: 0.5401
Pearson correlation: 0.7349
Mean relative error: inf
SFC1
R2: 0.6663
Pearson correlation: 0.8163
Mean relative error: inf
Simulated Flux
Experimental Flux
r_0713
r_0959
r_0534
r_0889
r_1054
r_0892
r_0961
r_0454


SOL3
R2: 0.4917
Pearson correlation: 0.7012
Mean relative error: inf
SOL4
R2: 0.6031
Pearson correlation: 0.7766
Mean relative error: inf
TAL1
R2: 0.6659
Pearson correlation: 0.8160
Mean relative error: inf
Simulated Flux
Experimental Flux
r_0486
r_0366
r_0959
r_0713
r_0534
r_0467
r_0889
r_0961
r_2115
r_1054
r_1048
r_0892


ZWF1
R2: 0.5260
Pearson correlation: 0.7253
Mean relative error: inf
Simulated Flux
Experimental Flux
10
5
0
−5
−10
−10
−5
0
5
10
r_0486
r_0366
r_0534
r_2115
r_0961
r_0889
r_1054
r_0892