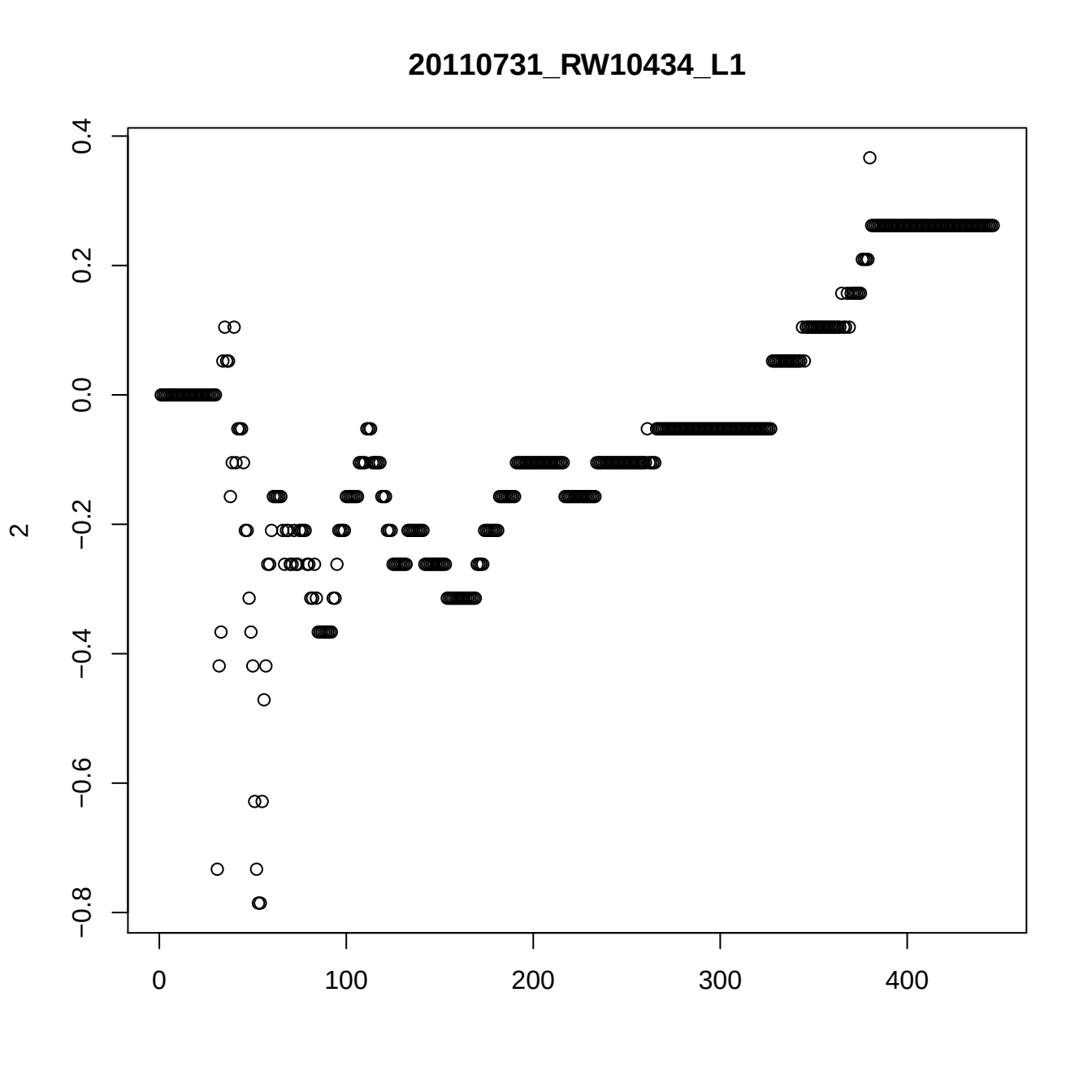
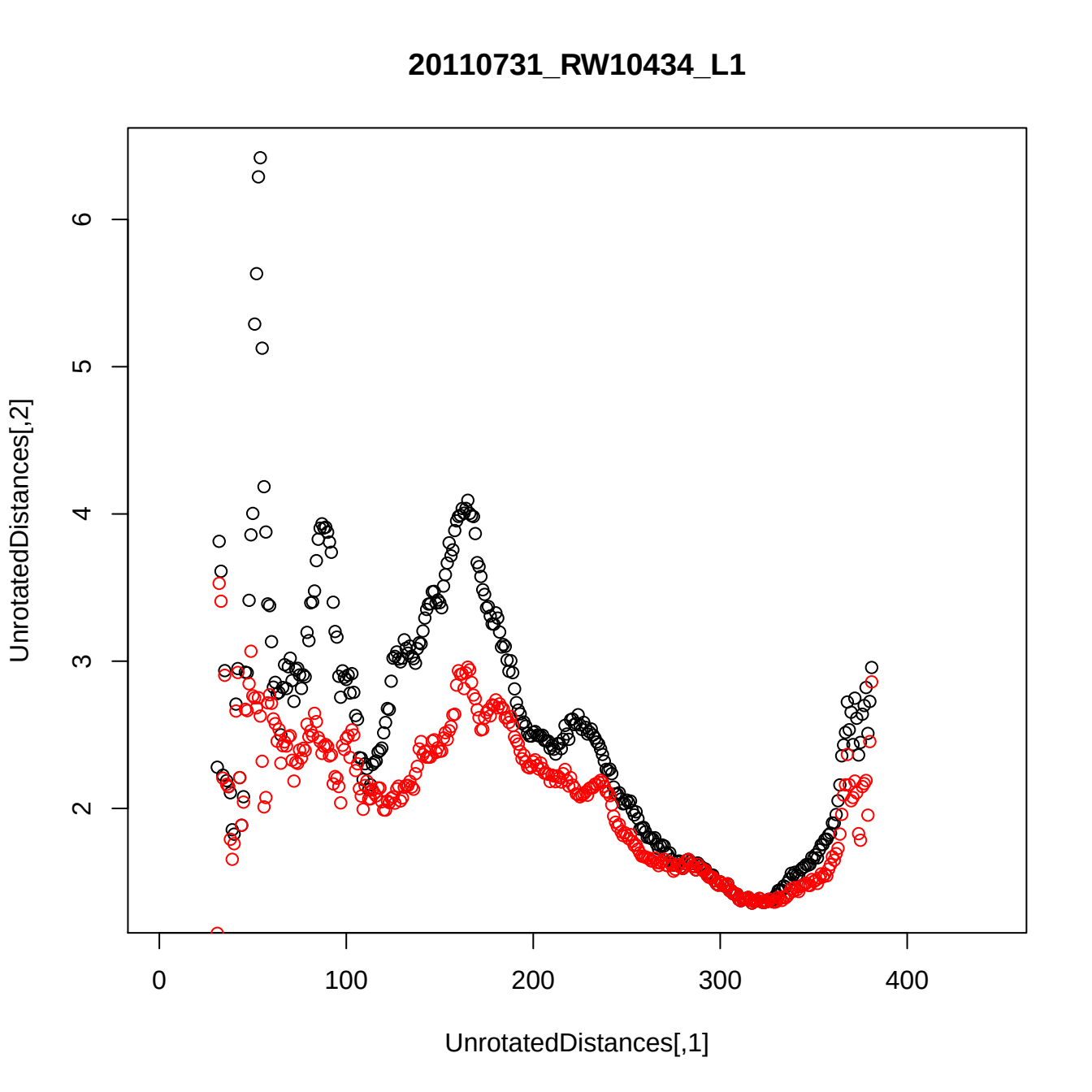
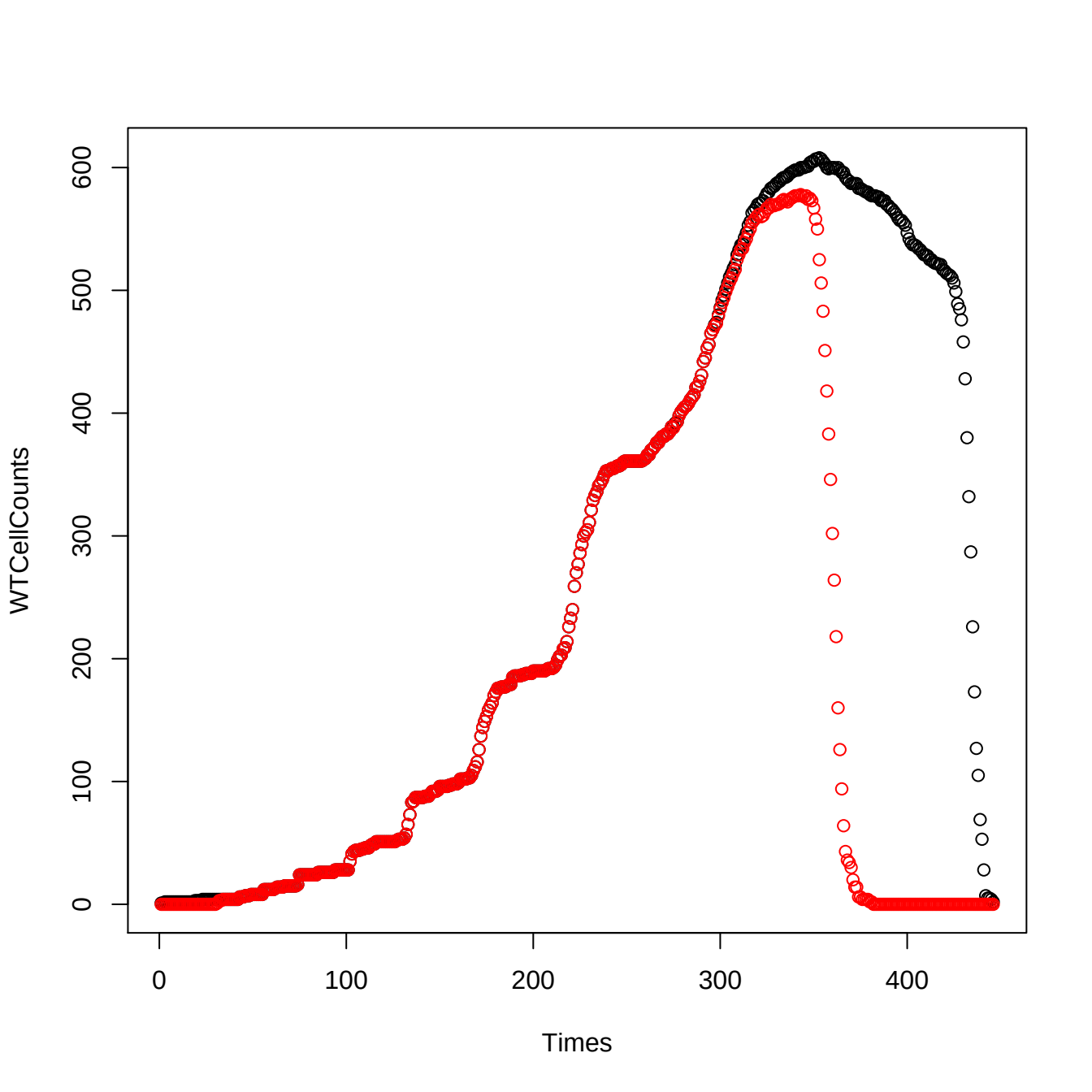
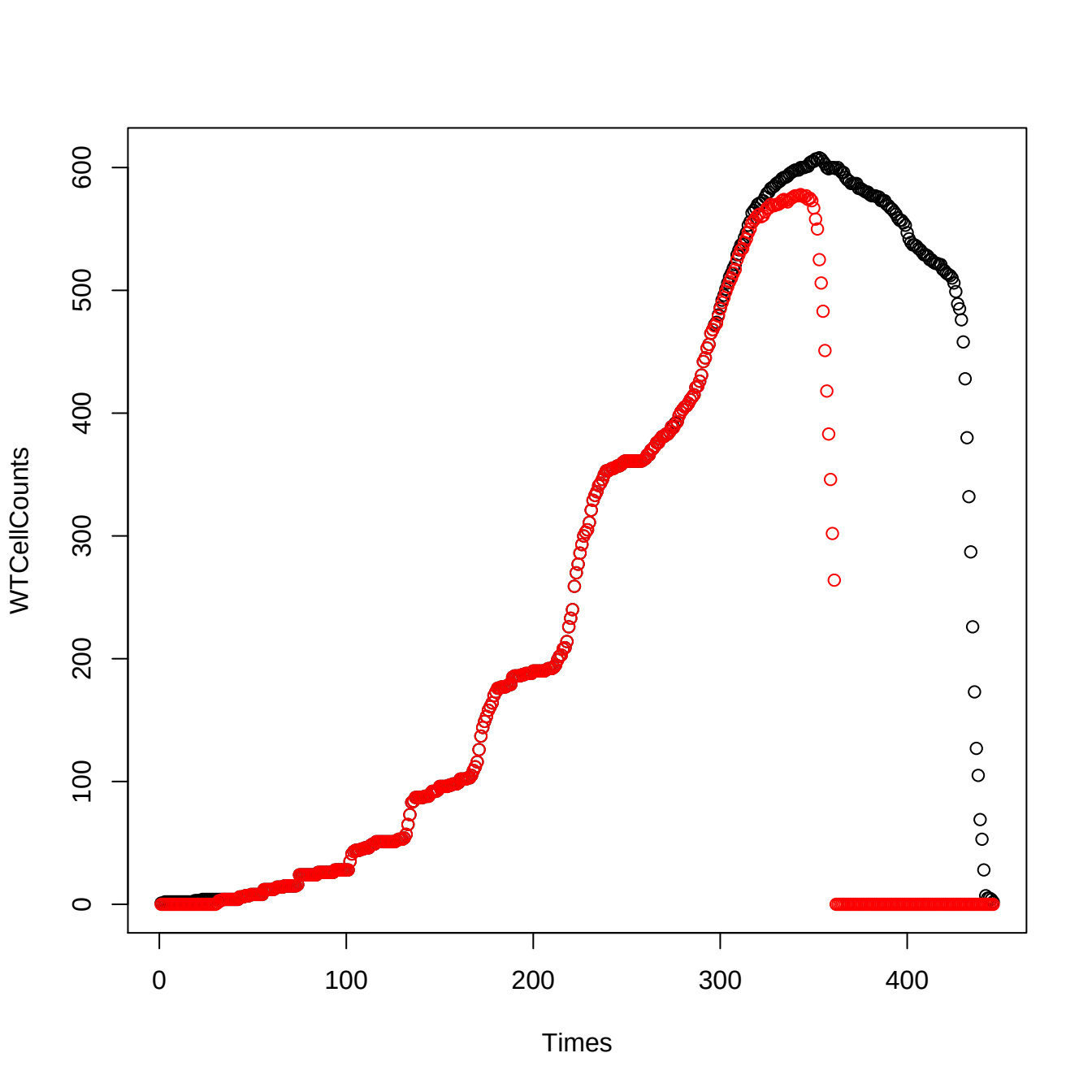
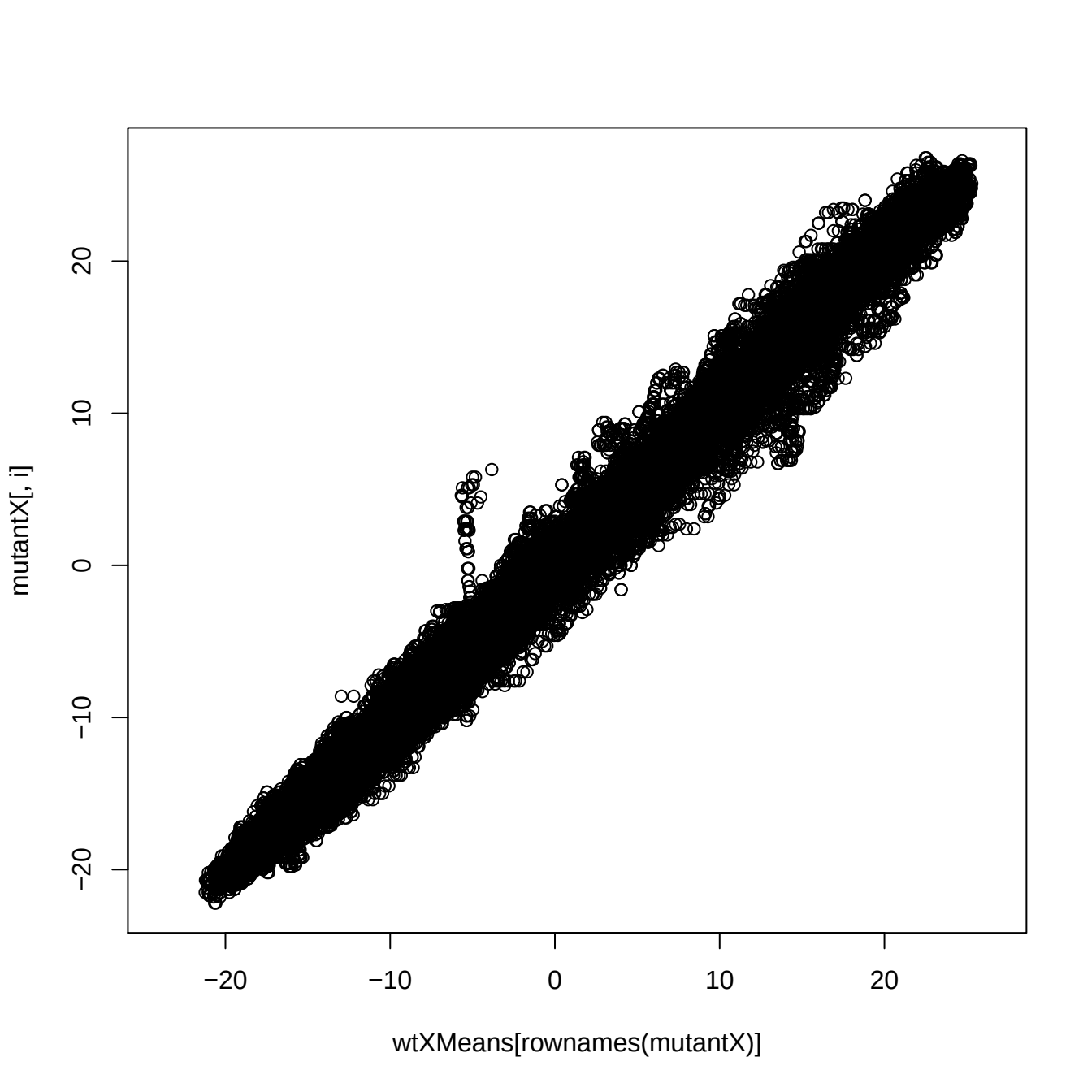
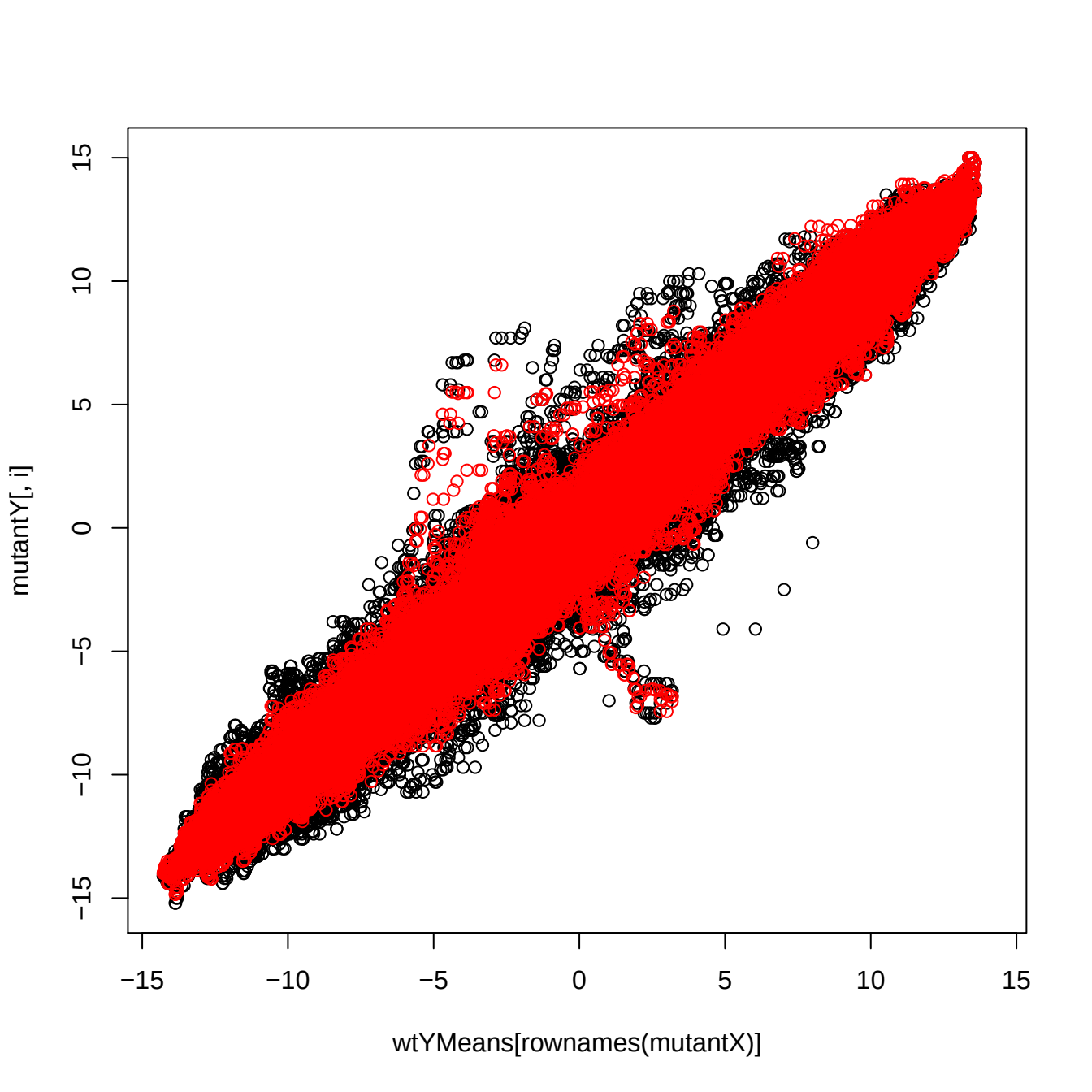

20110731_RW10434_L1
2
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
0
100
200
300
400

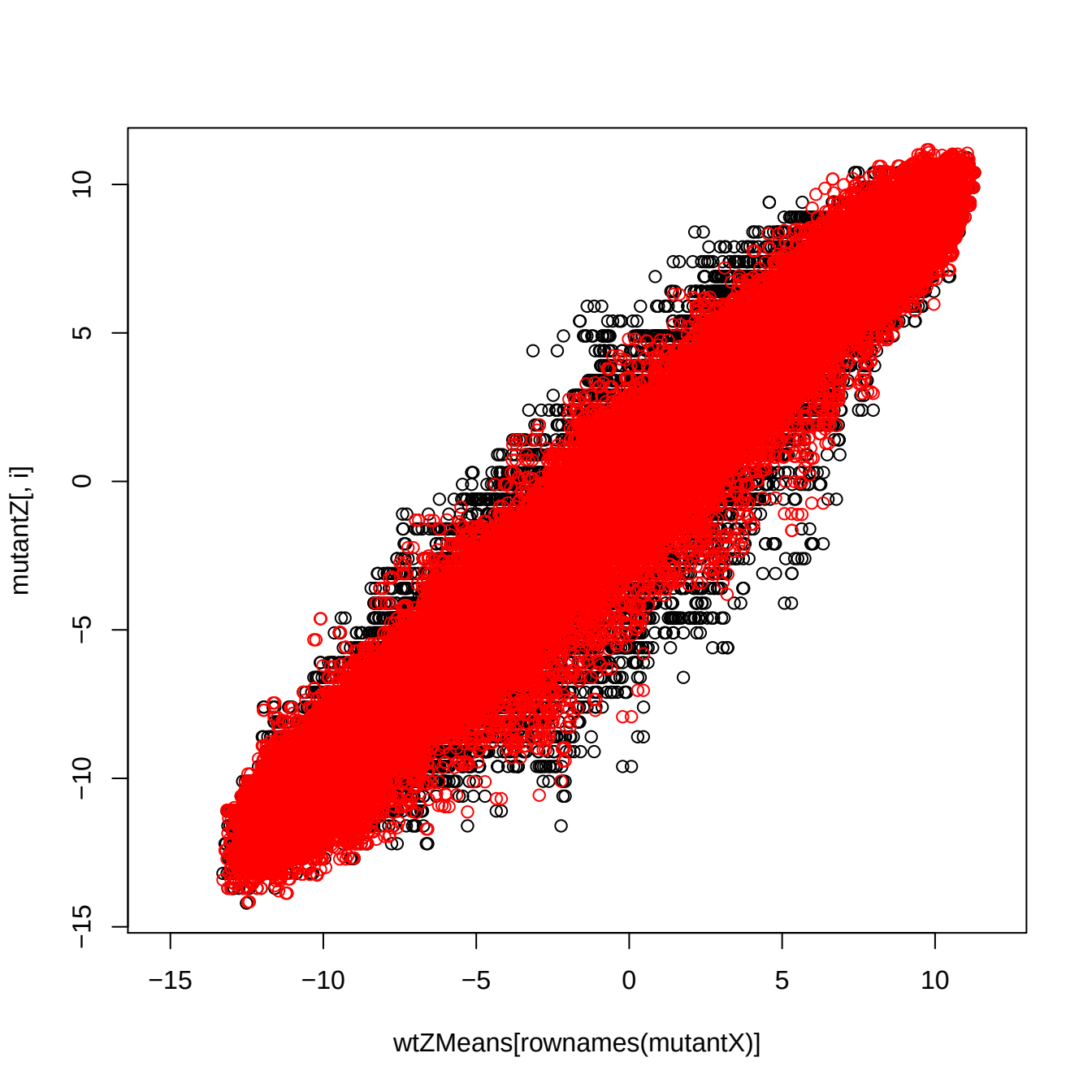

20110731_RW10434_L1
UnrotatedDistances[,2]
2
3
4
5
6
0
100
200
300
400
UnrotatedDistances[,1]

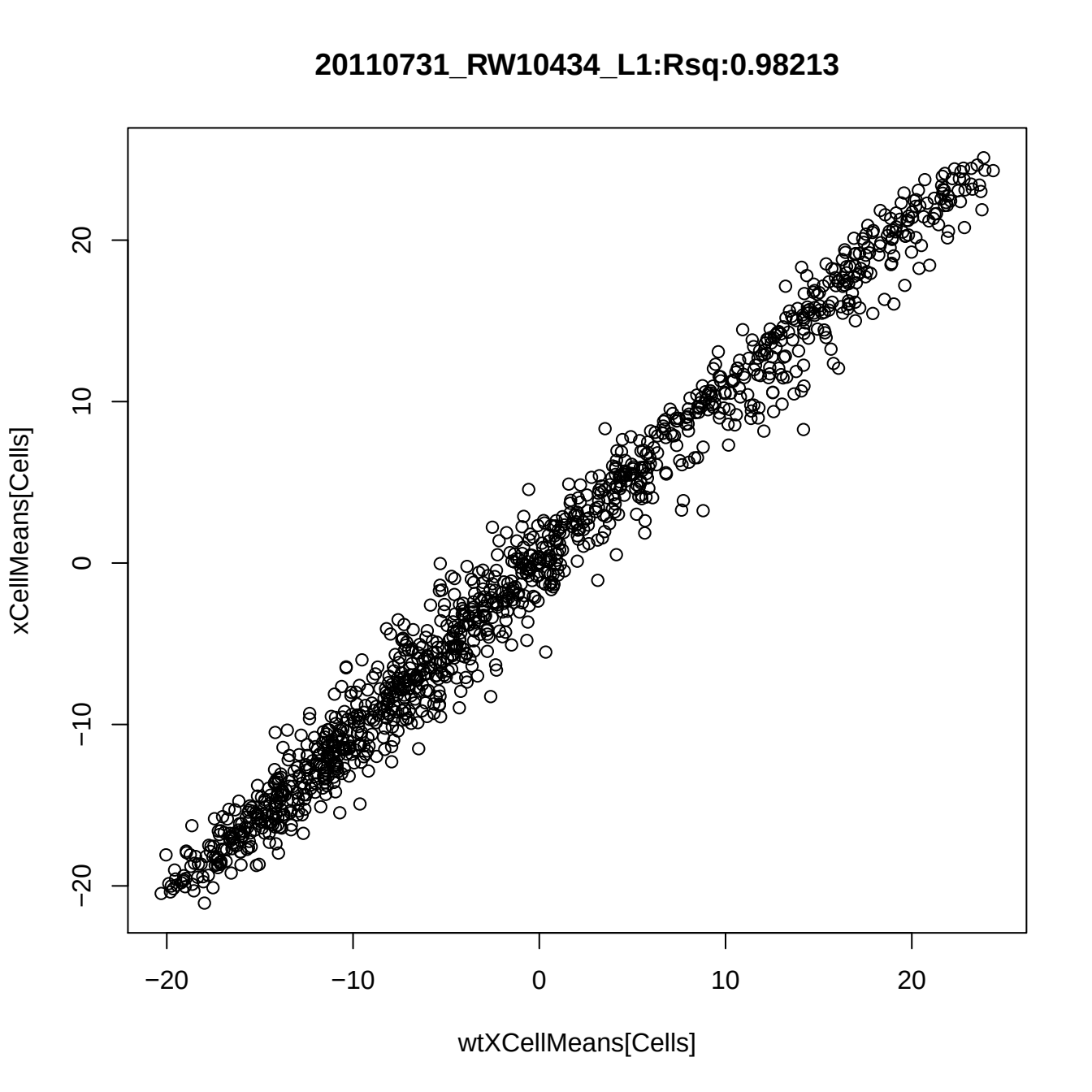

WTCellCounts
0
100
200
300
400
500
600
Times
0
100
200
300
400

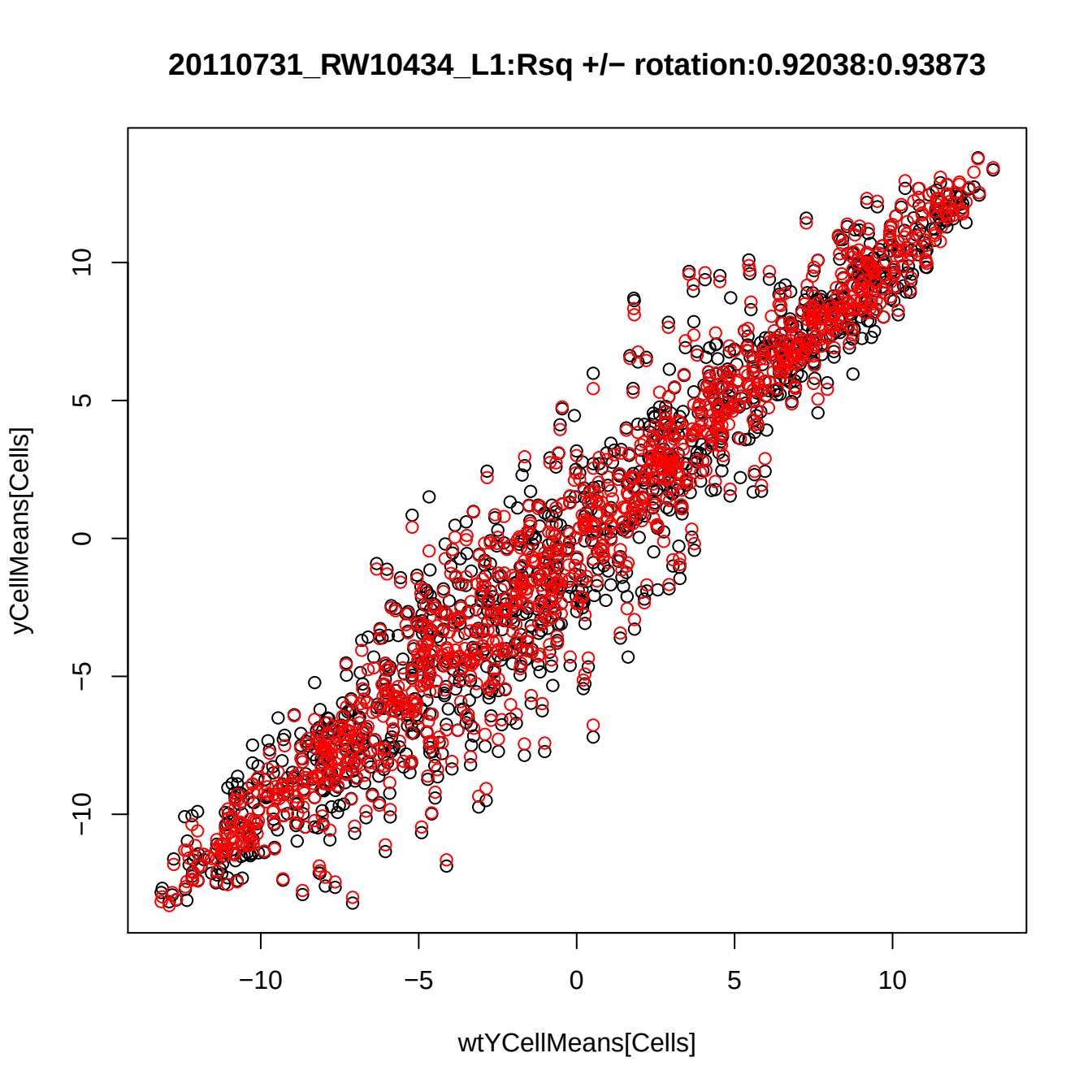

WTCellCounts
0
100
200
300
400
500
600
0
100
200
300
400
Times

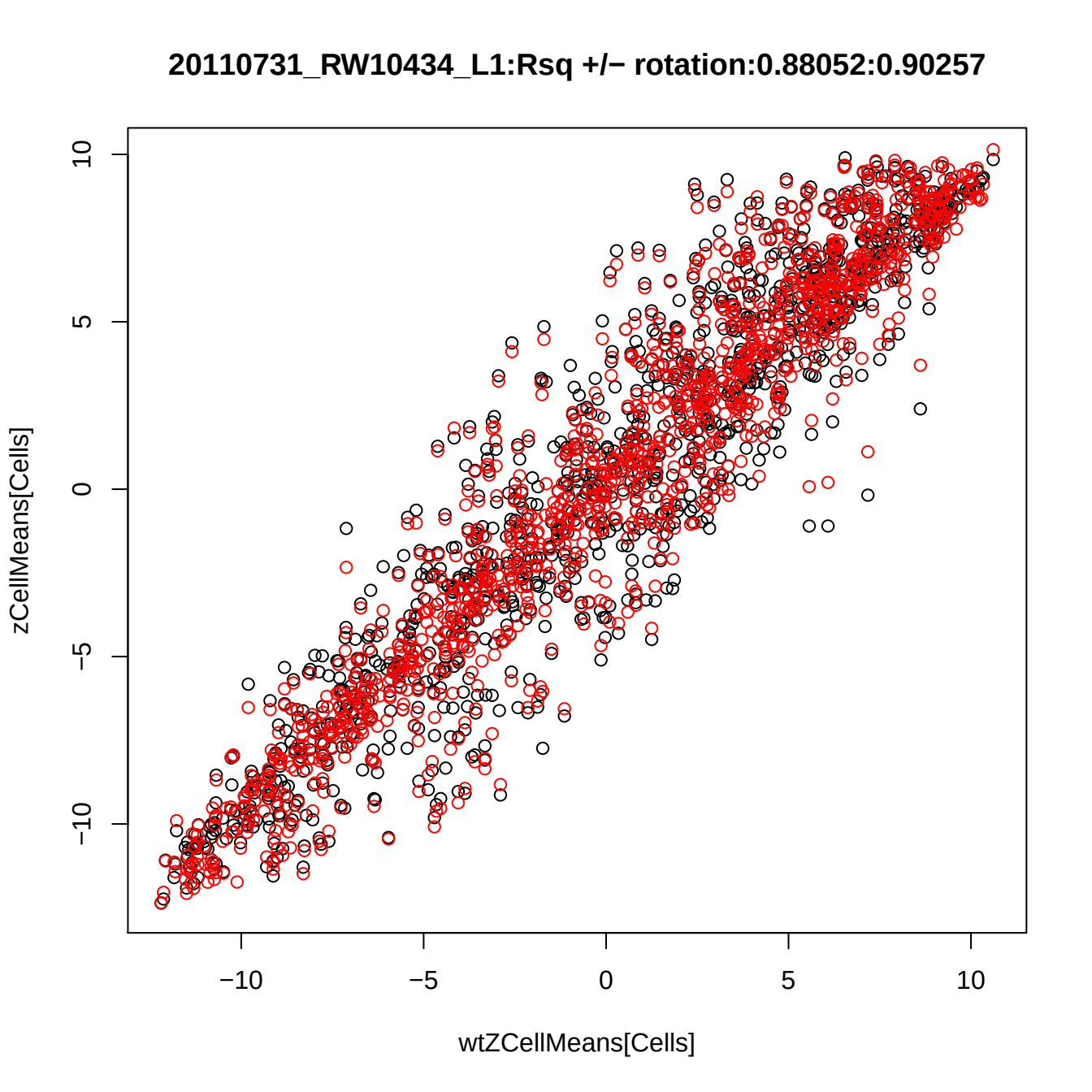

mutantX[, i]
20
10
0
−10
−20
−20
−10
0
10
20
wtXMeans[rownames(mutantX)]

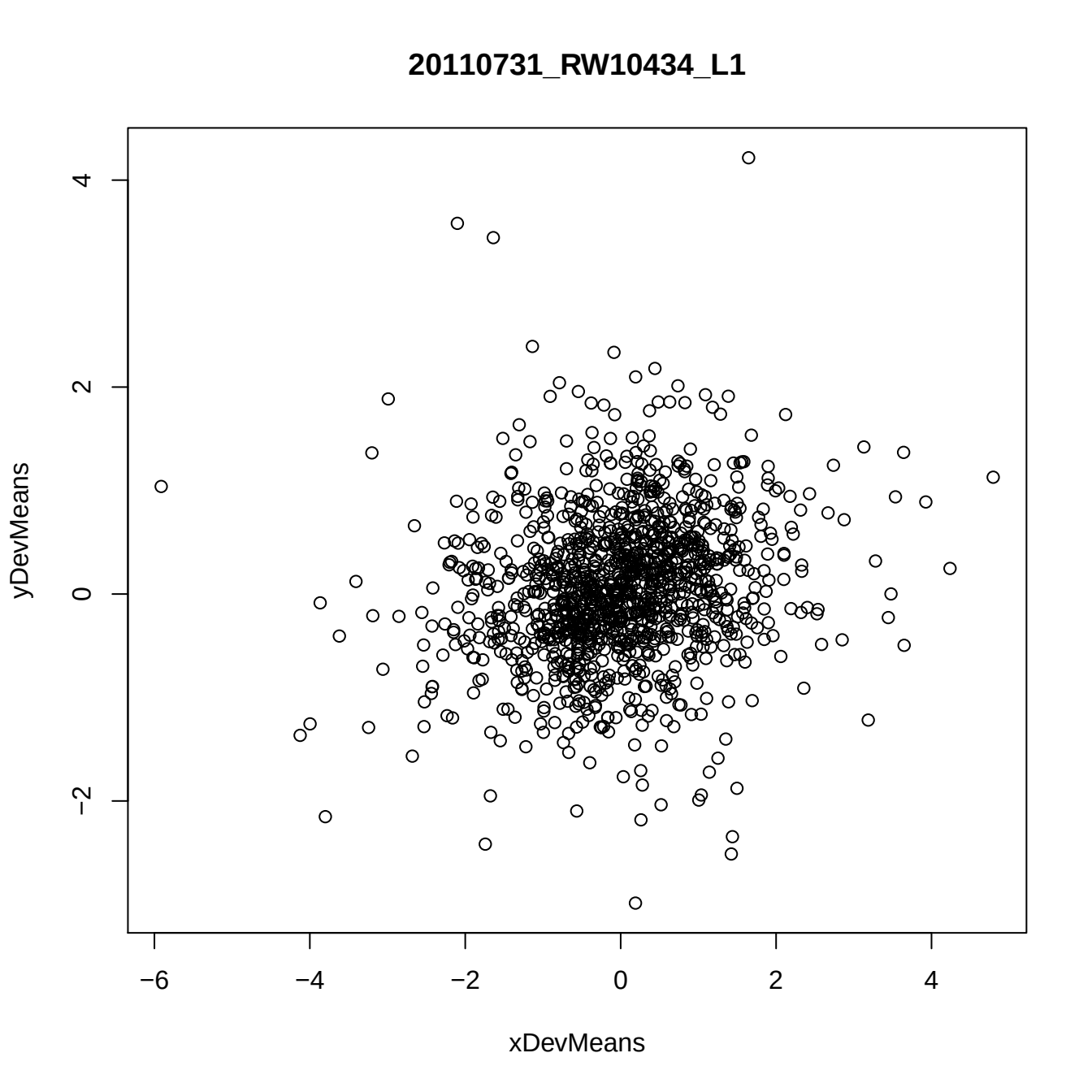

mutantY[, i]
wtYMeans[rownames(mutantX)]
15
10
5
0
−5
−10
−15
−15
−10
−5
0
5
10
15

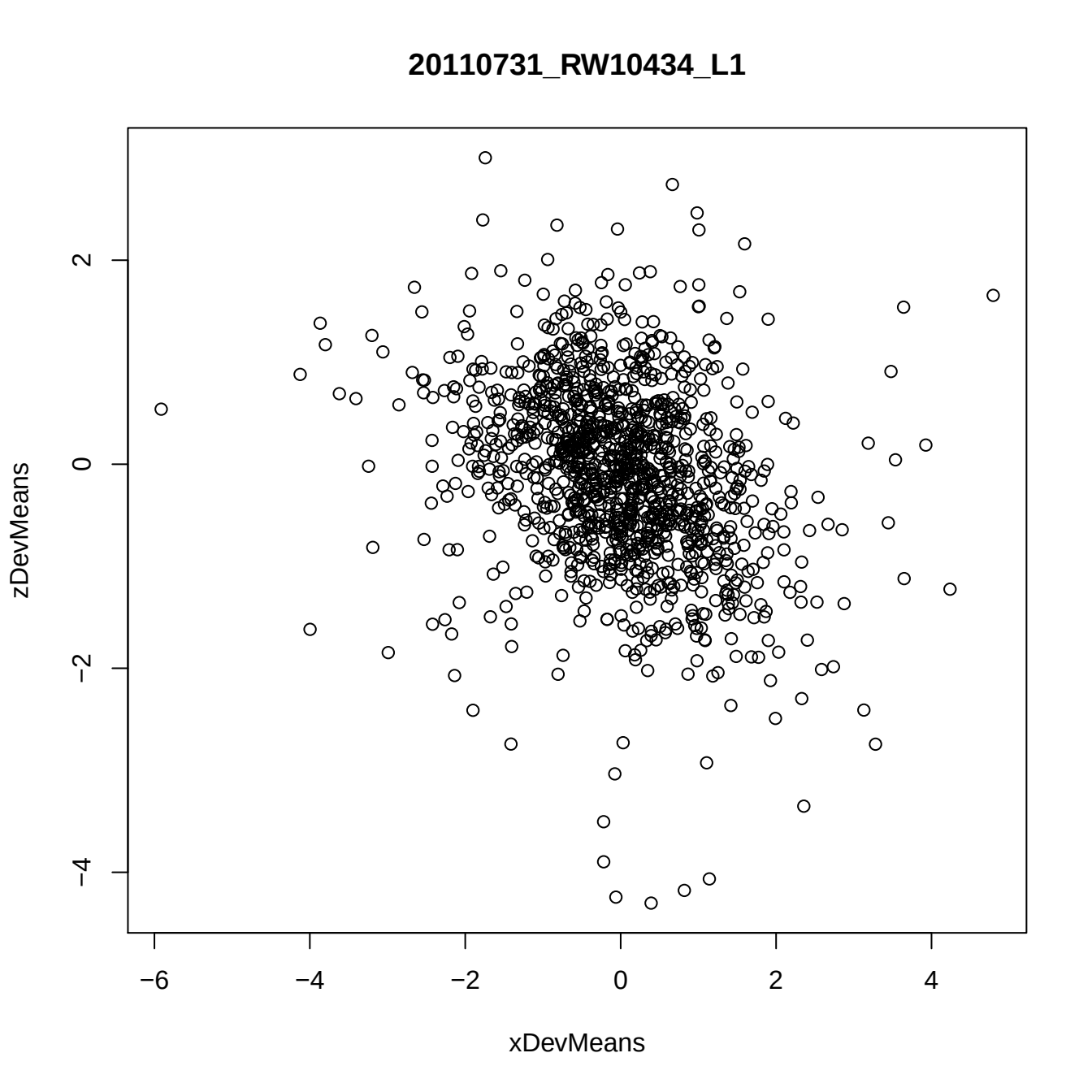

mutantZ[, i]
wtZMeans[rownames(mutantX)]
10
5
0
−5
−10
−15
−15
−10
−5
0
5
10

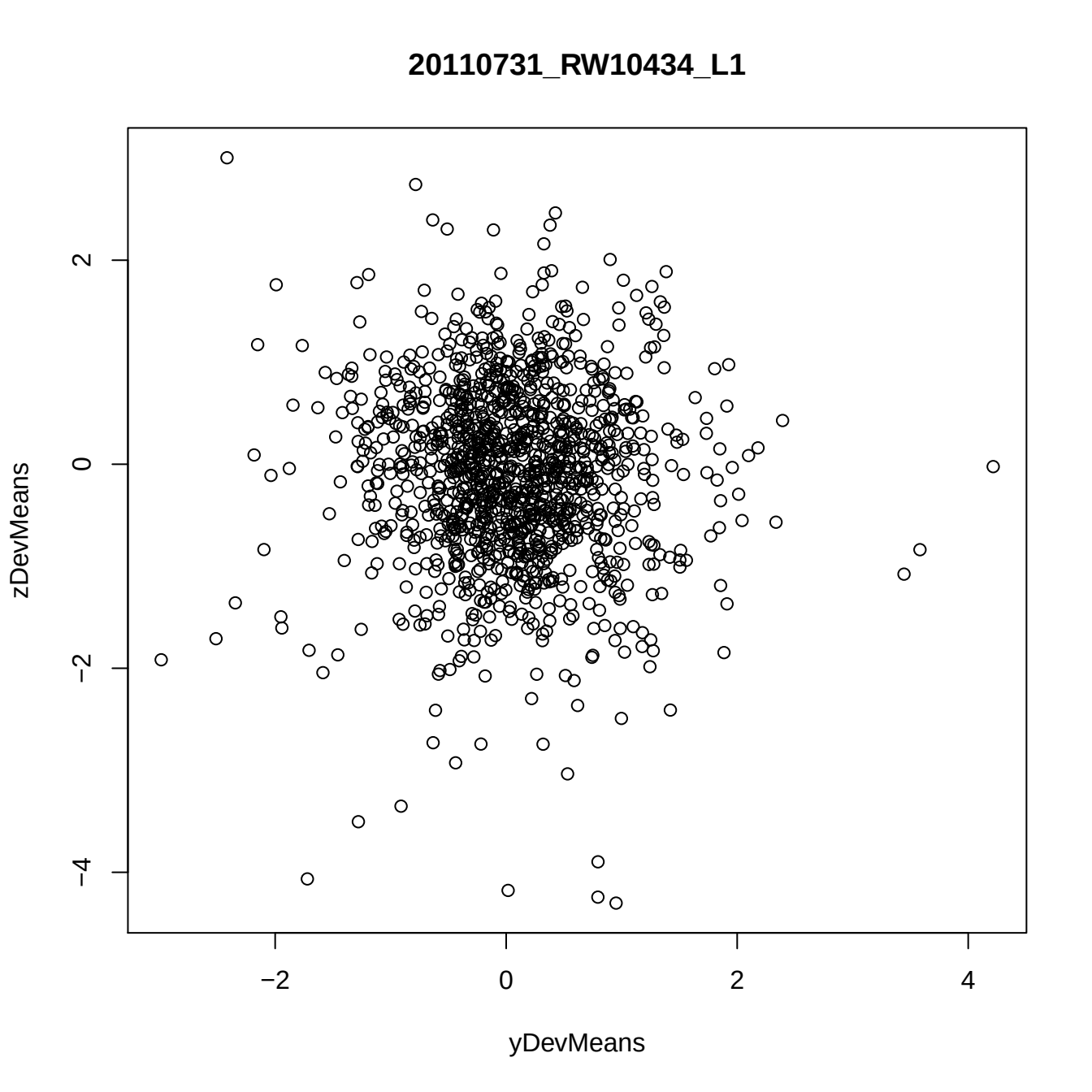

20110731_RW10434_L1:Rsq:0.98213
xCellMeans[Cells]
wtXCellMeans[Cells]
−20
−10
0
10
20

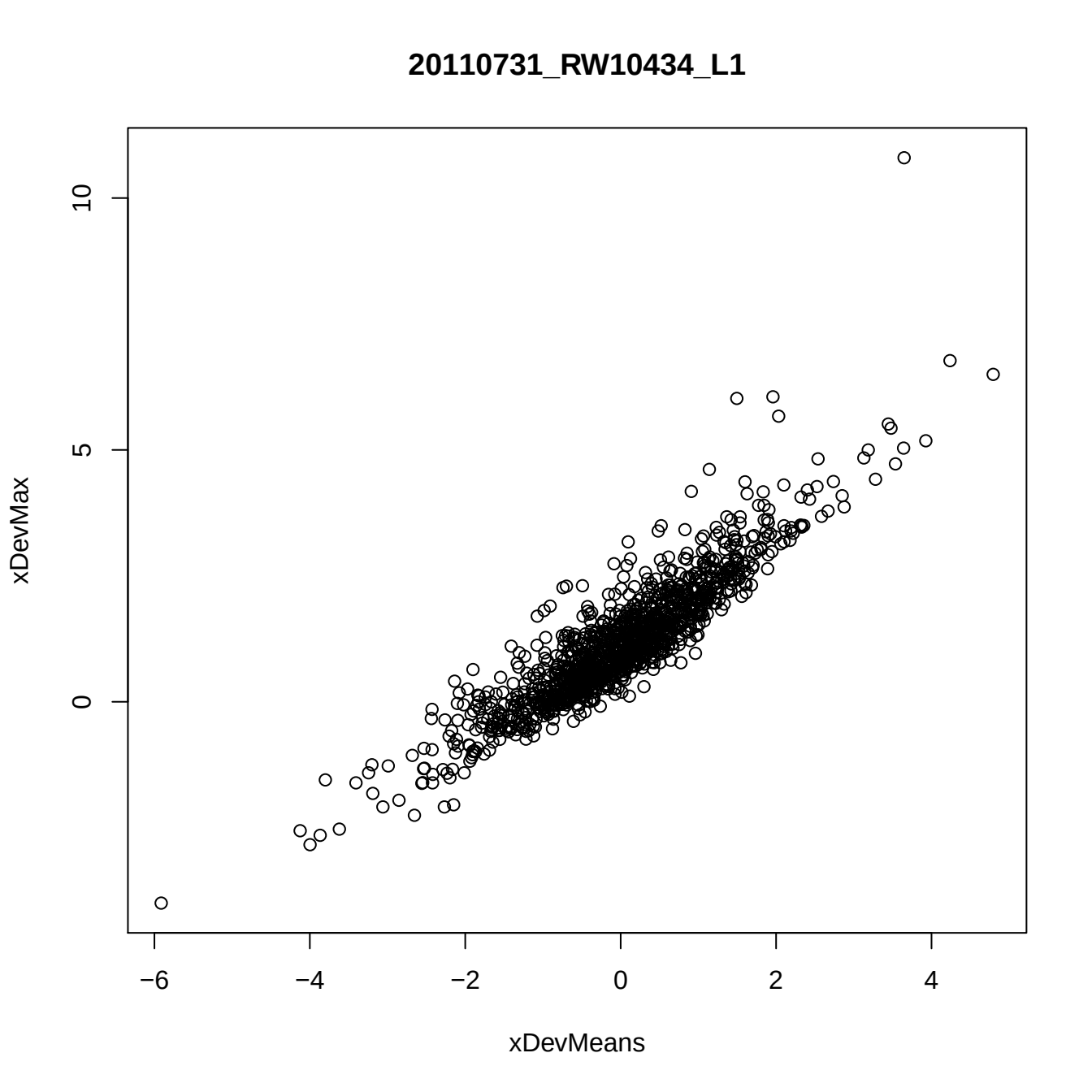

20110731_RW10434_L1:Rsq +/− rotation:0.92038:0.93873
yCellMeans[Cells]
wtYCellMeans[Cells]
10
5
0
−5
−10
−10
−5
0
5
10

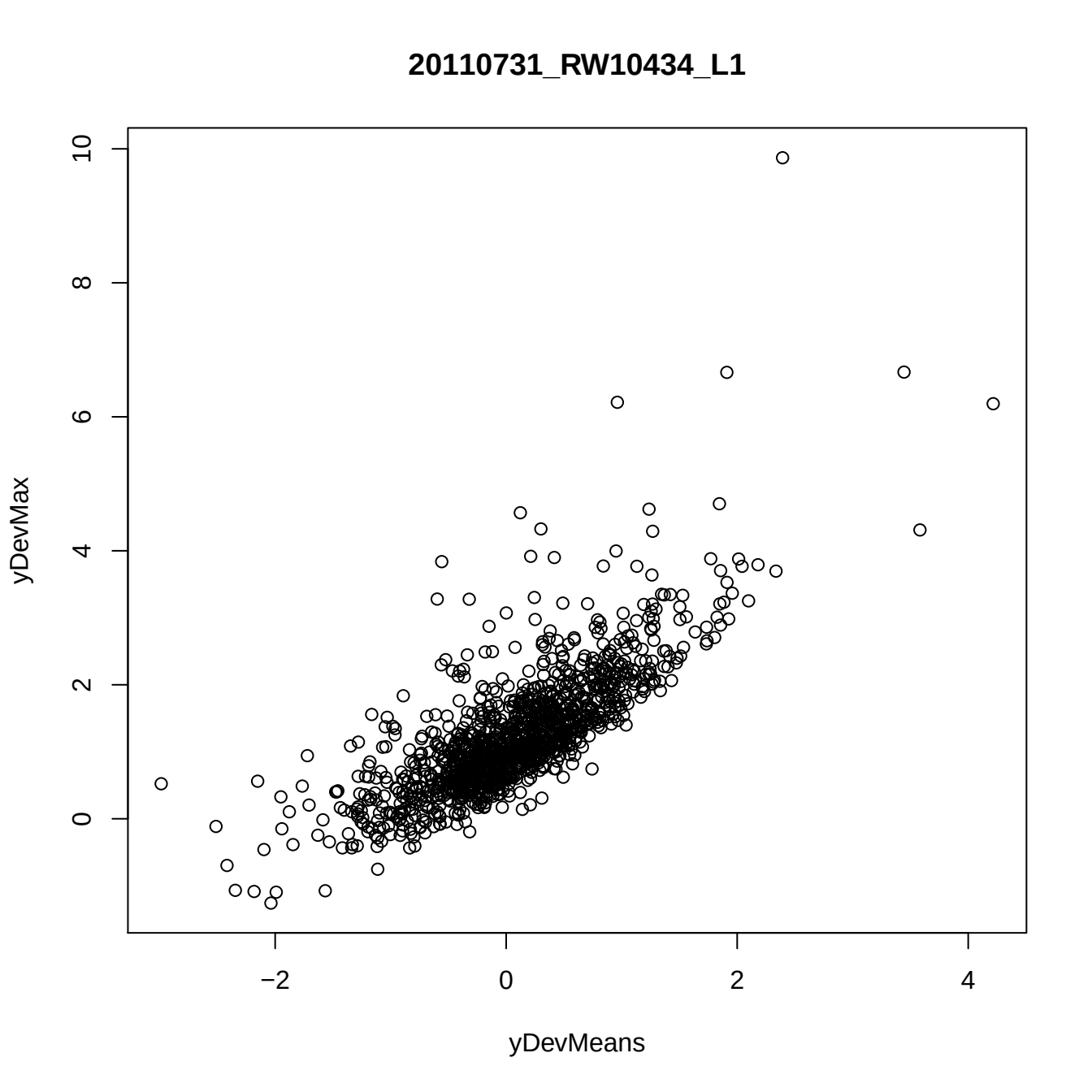

20110731_RW10434_L1:Rsq +/− rotation:0.88052:0.90257
zCellMeans[Cells]
wtZCellMeans[Cells]
10
5
0
−5
−10
−10
−5
0
5
10

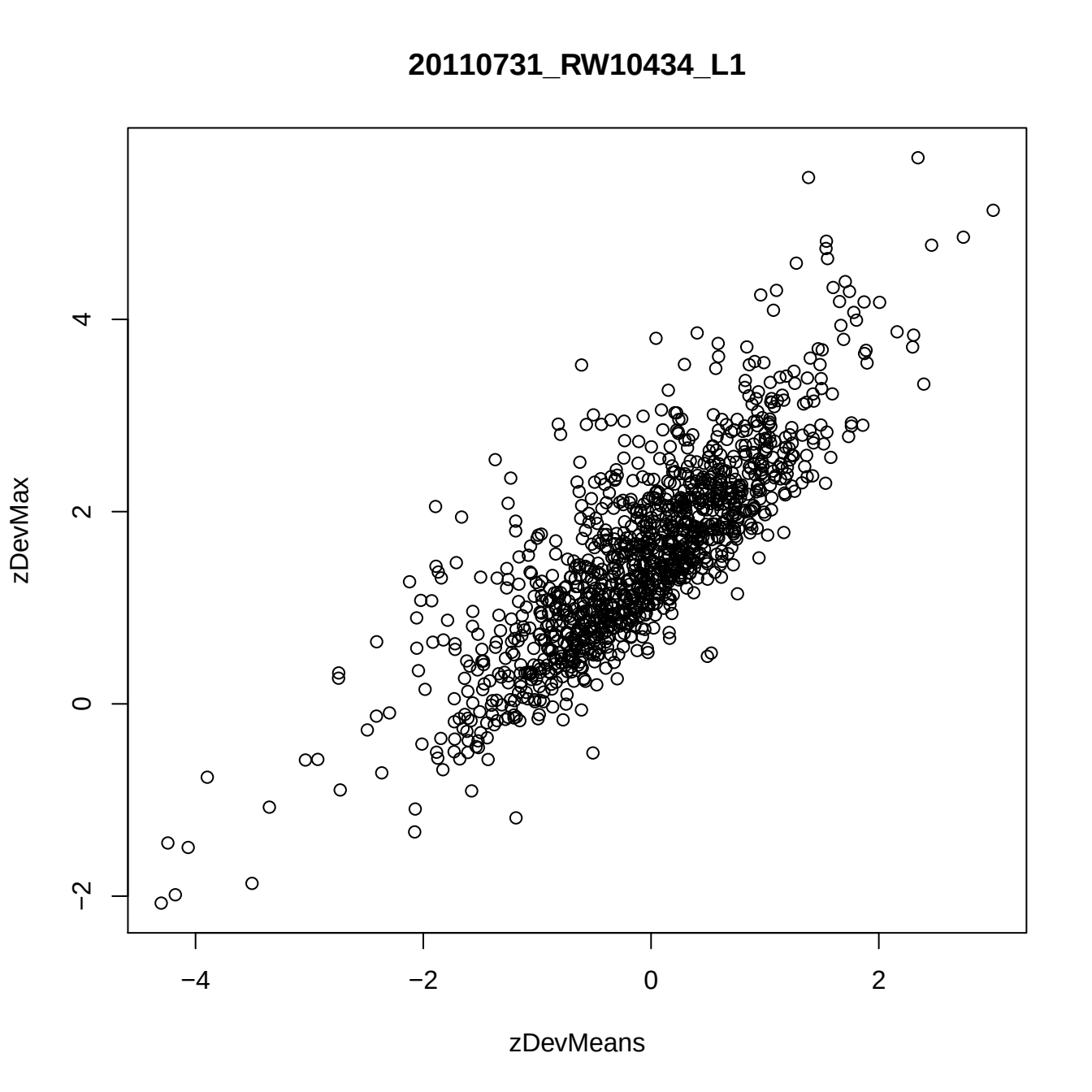

20110731_RW10434_L1
yDevMeans
xDevMeans
4
2
0
−2
−6
−4
−2
0
2
4

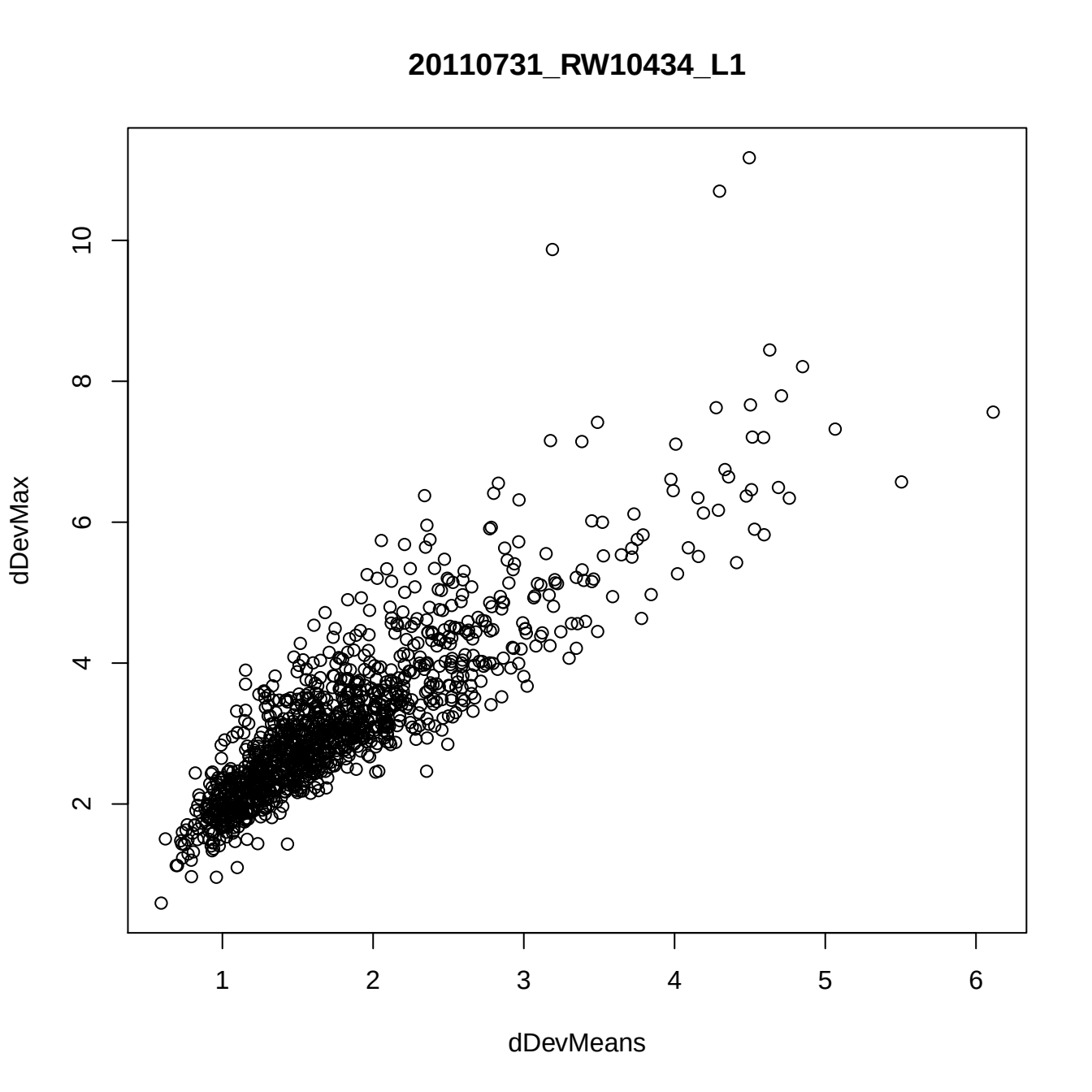

20110731_RW10434_L1
zDevMeans
xDevMeans
2
0
−2
−4
−6
−4
−2
0
2
4

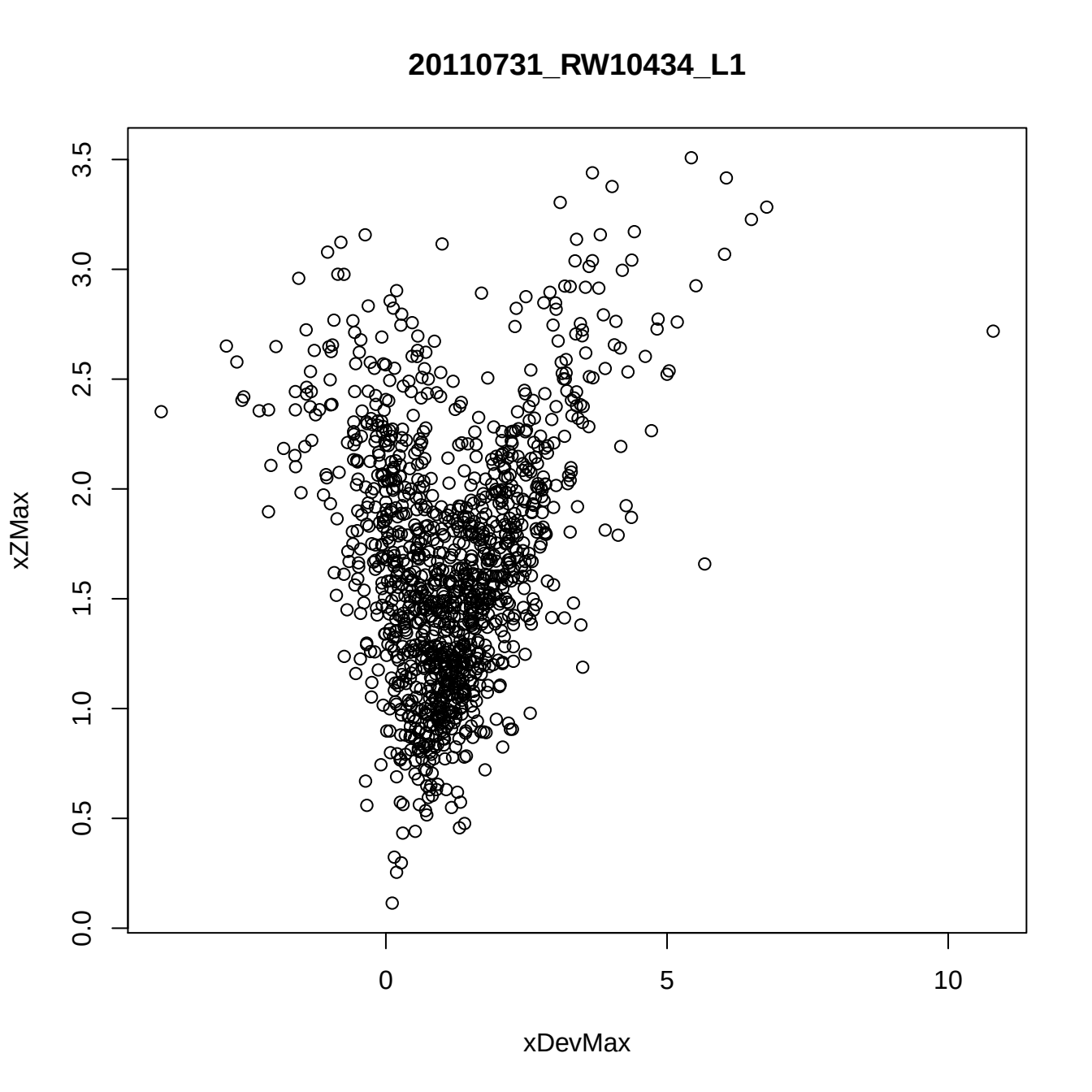

20110731_RW10434_L1
zDevMeans
yDevMeans
2
0
−2
−4
−2
0
2
4

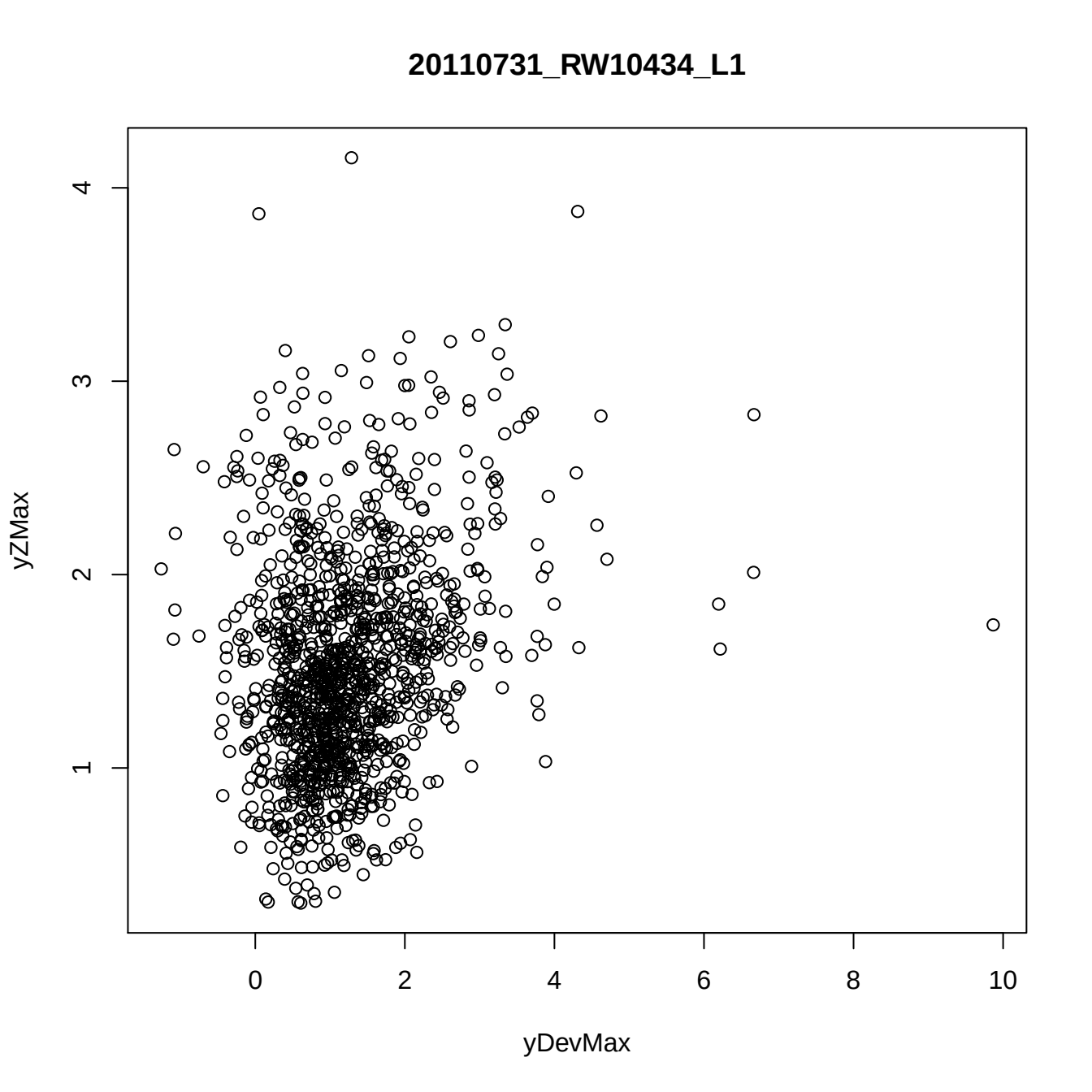

20110731_RW10434_L1
xDevMax
xDevMeans
10
5
0
−6
−4
−2
0
2
4

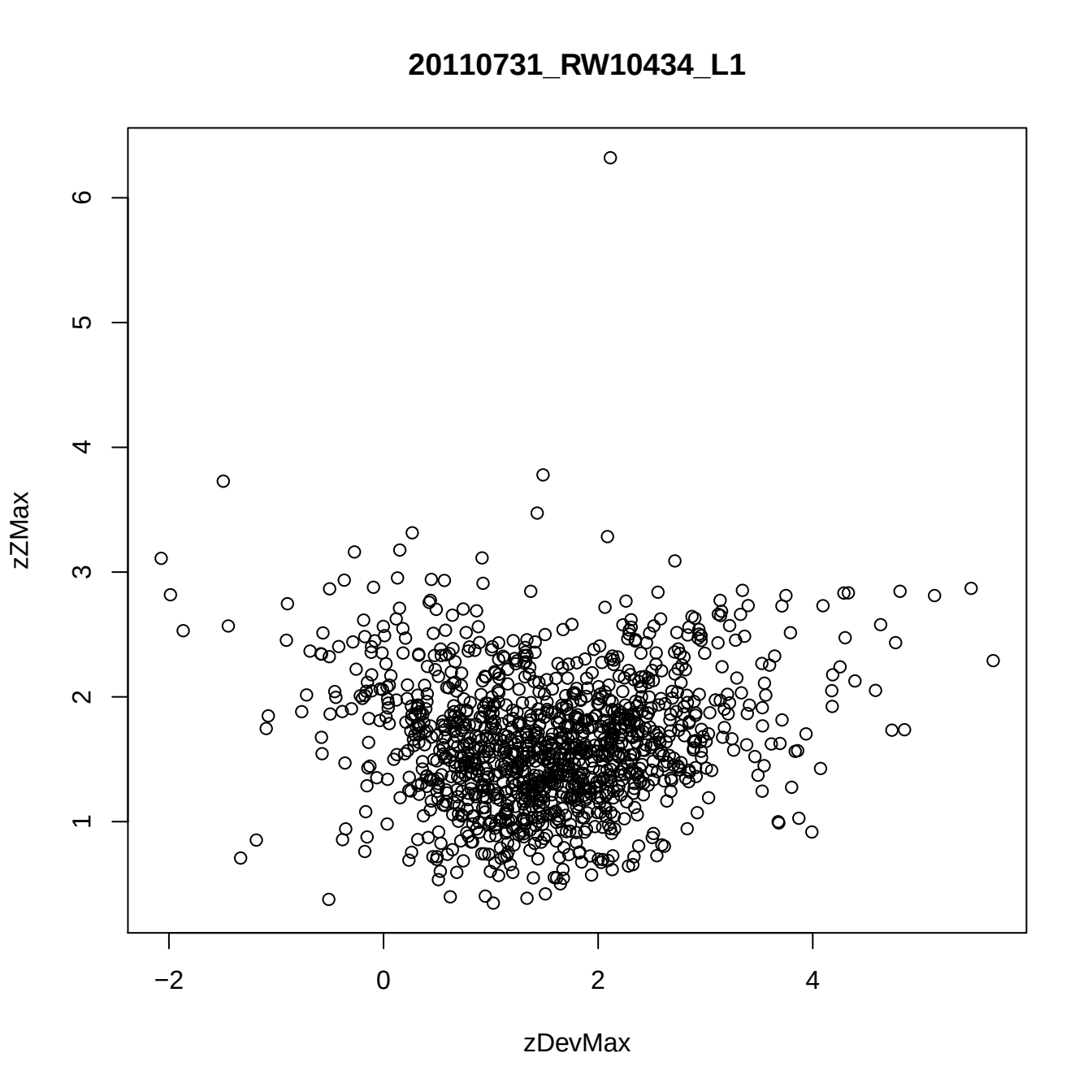

20110731_RW10434_L1
yDevMax
yDevMeans
10
8
6
4
2
0
−2
0
2
4

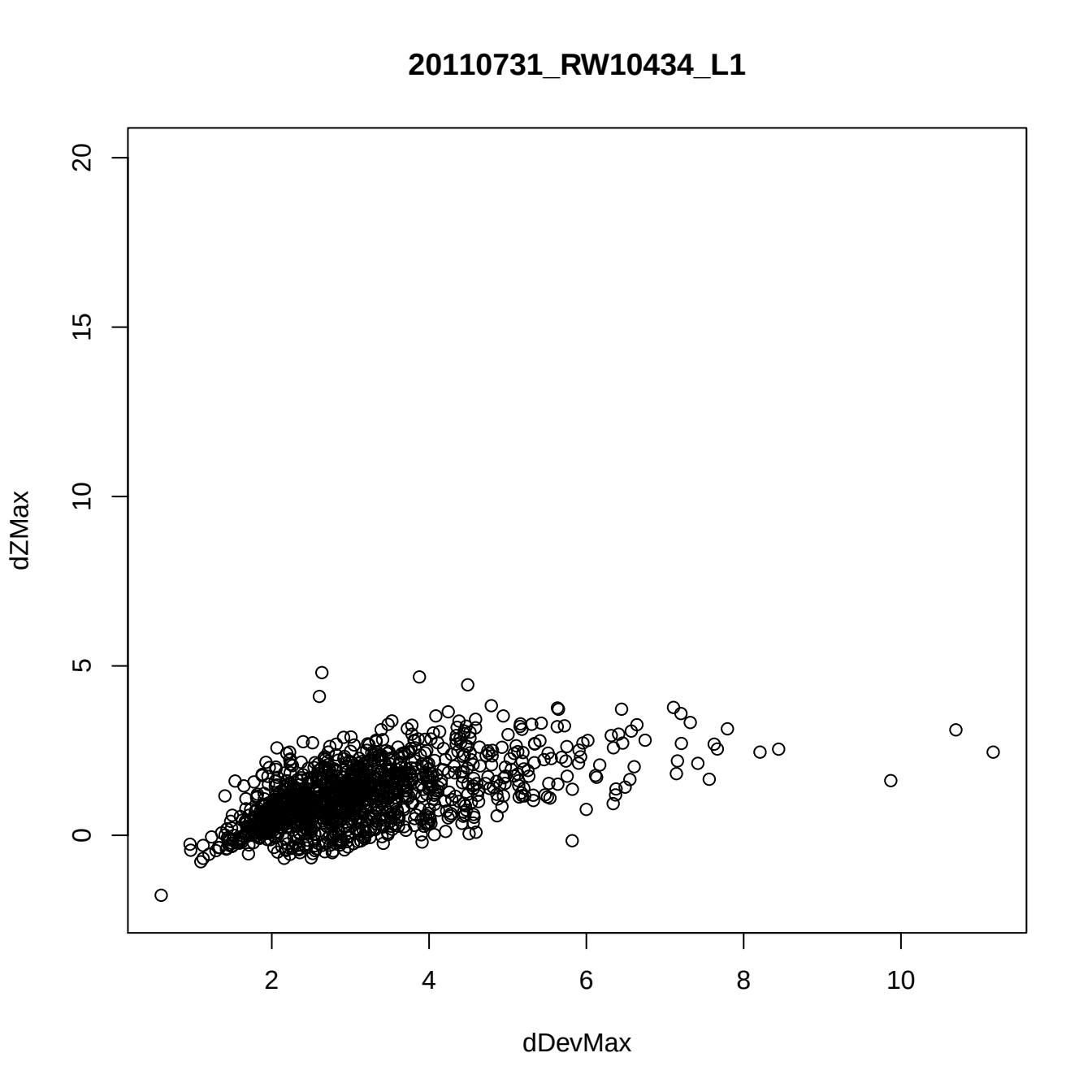

20110731_RW10434_L1
zDevMax
zDevMeans
−2
0
2
4
−4
−2
0
2

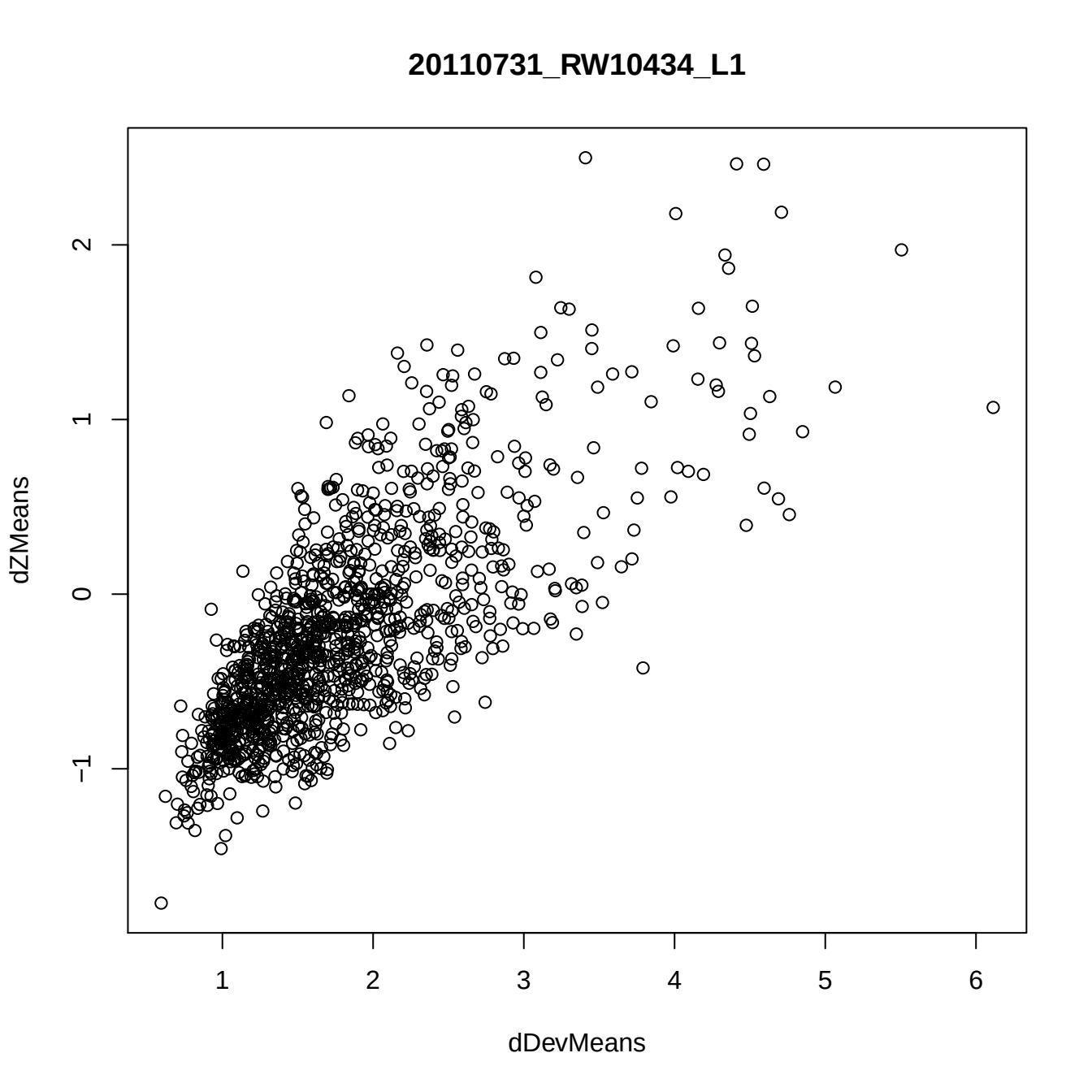

20110731_RW10434_L1
dDevMax
dDevMeans
2
4
6
8
10
1
2
3
4
5
6

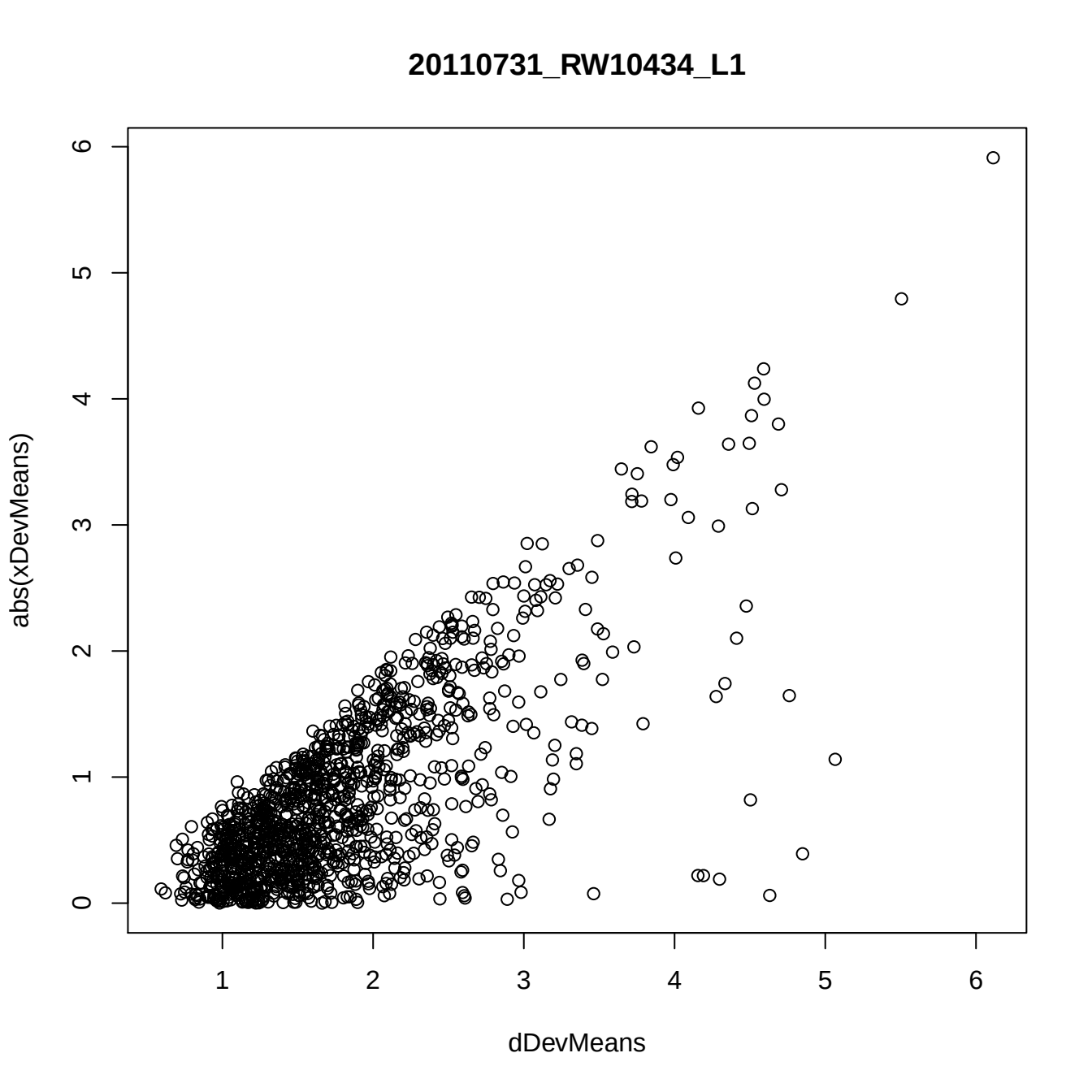

20110731_RW10434_L1
xZMax
xDevMax
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
0
5
10

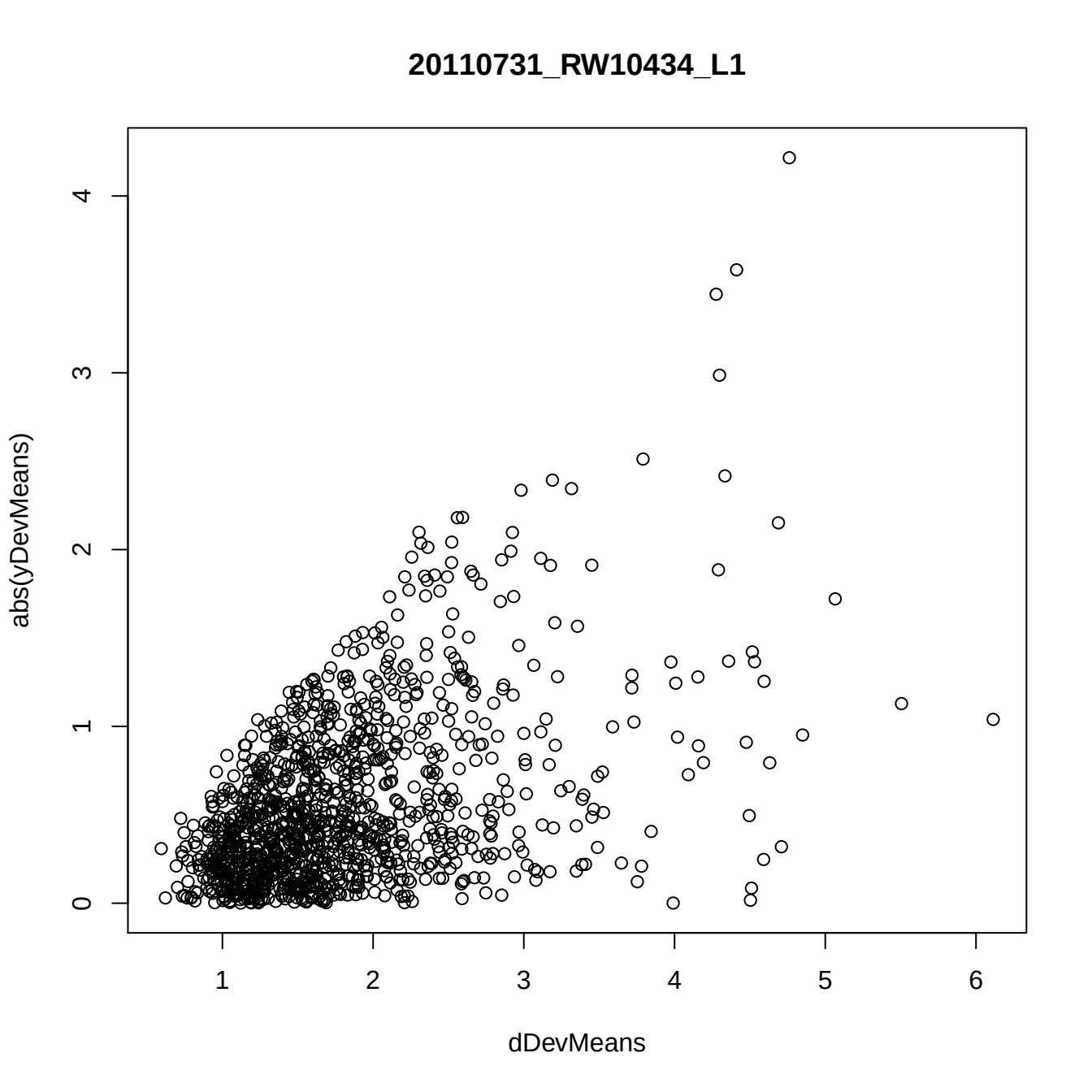

20110731_RW10434_L1
yZMax
yDevMax
1
2
3
4
0
2
4
6
8
10

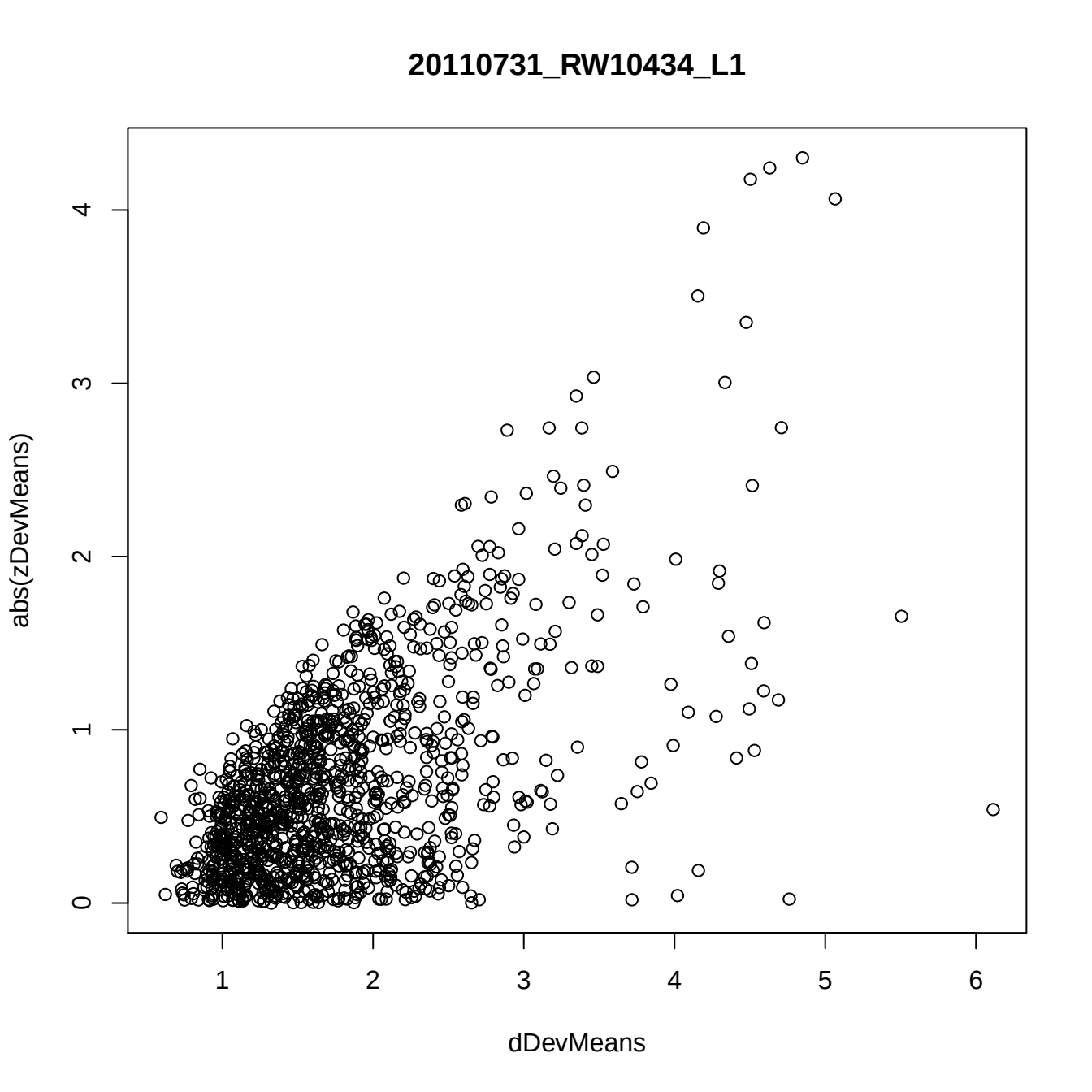

20110731_RW10434_L1
zZMax
zDevMax
1
2
3
4
5
6
−2
0
2
4


20110731_RW10434_L1
dZMax
dDevMax
0
5
10
15
20
2
4
6
8
10


20110731_RW10434_L1
dZMeans
dDevMeans
2
1
0
−1
1
2
3
4
5
6


20110731_RW10434_L1
abs(xDevMeans)
dDevMeans
0
1
2
3
4
5
6


20110731_RW10434_L1
abs(yDevMeans)
0
1
2
3
4
dDevMeans
1
2
3
4
5
6


20110731_RW10434_L1
abs(zDevMeans)
dDevMeans
0
1
2
3
4
1
2
3
4
5
6