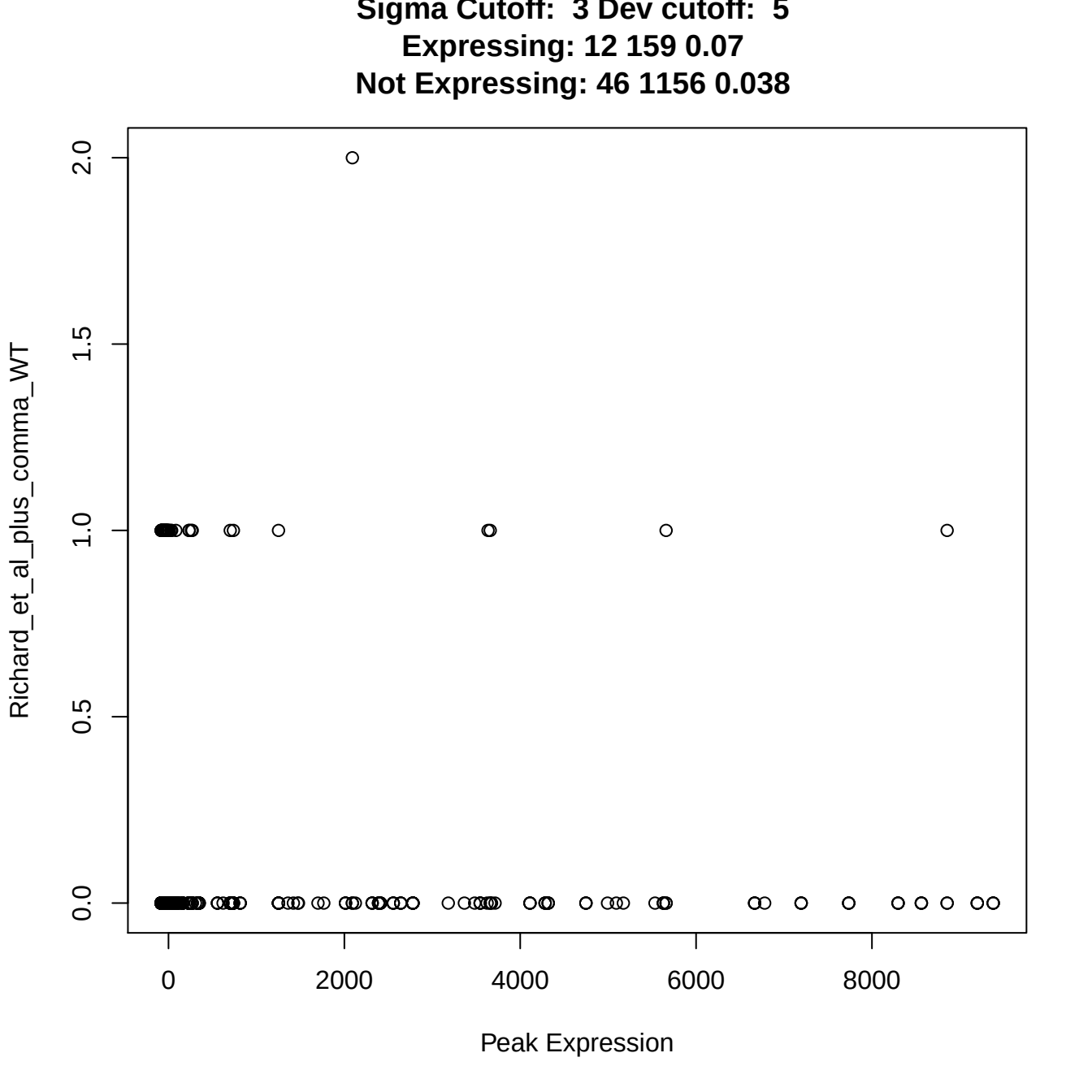
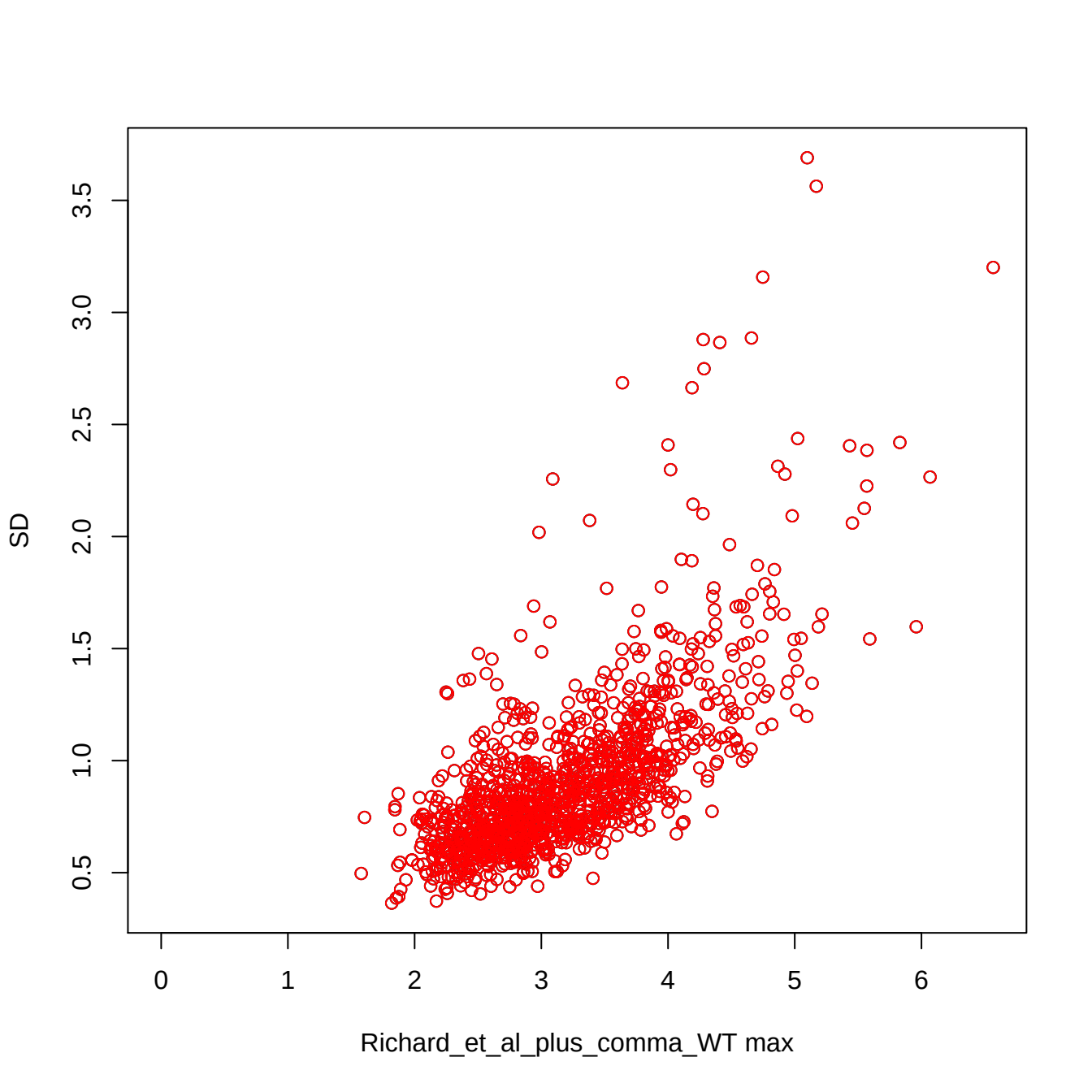
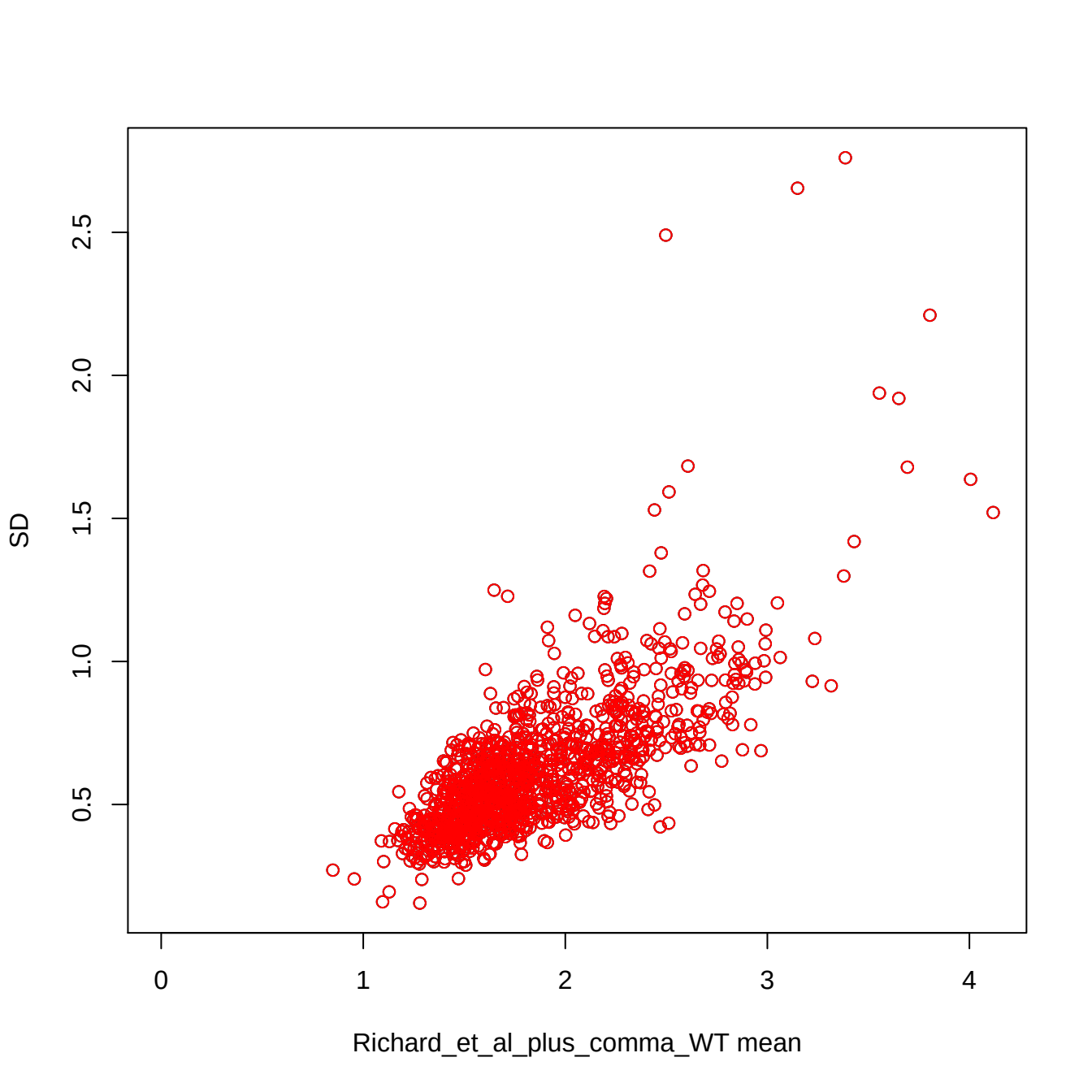
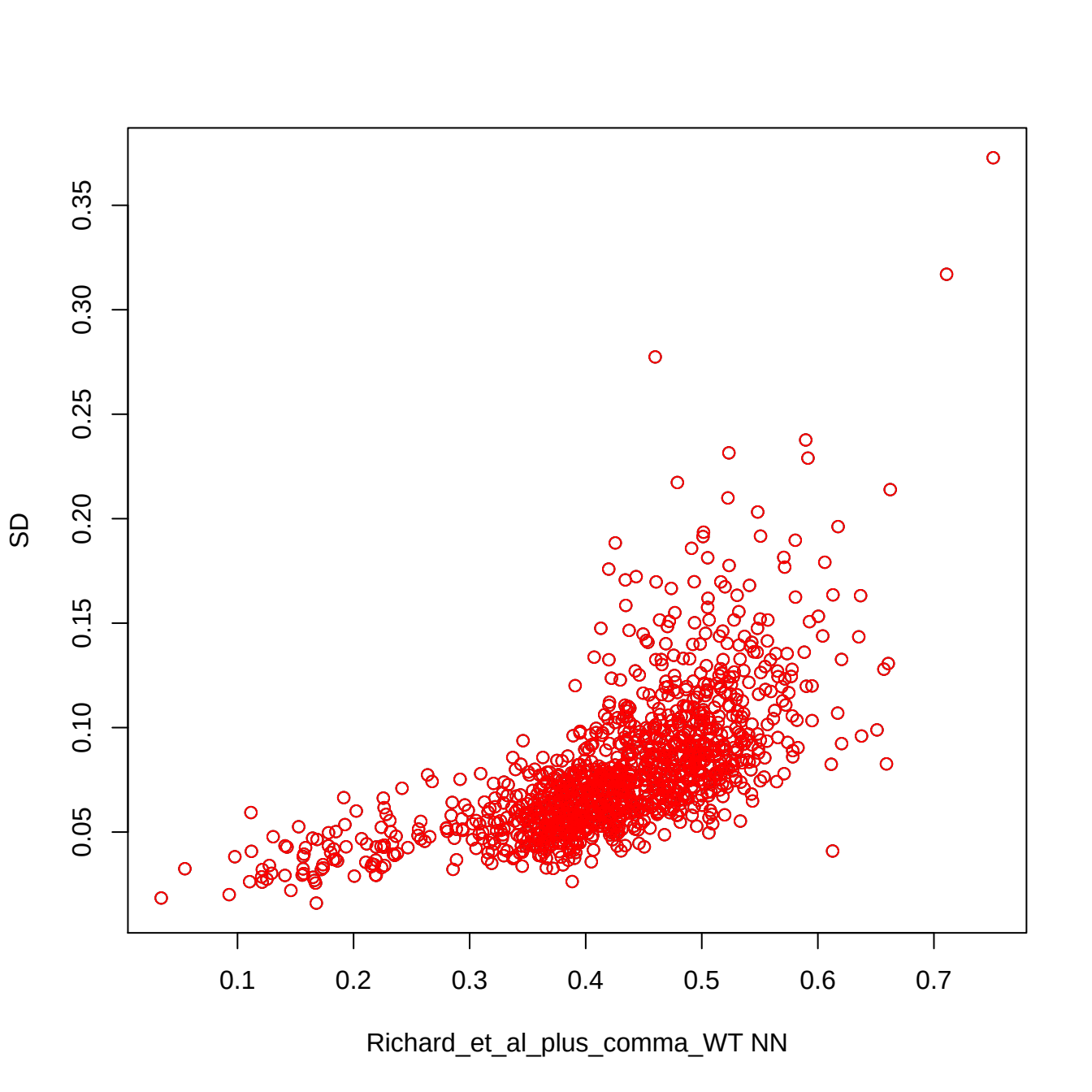
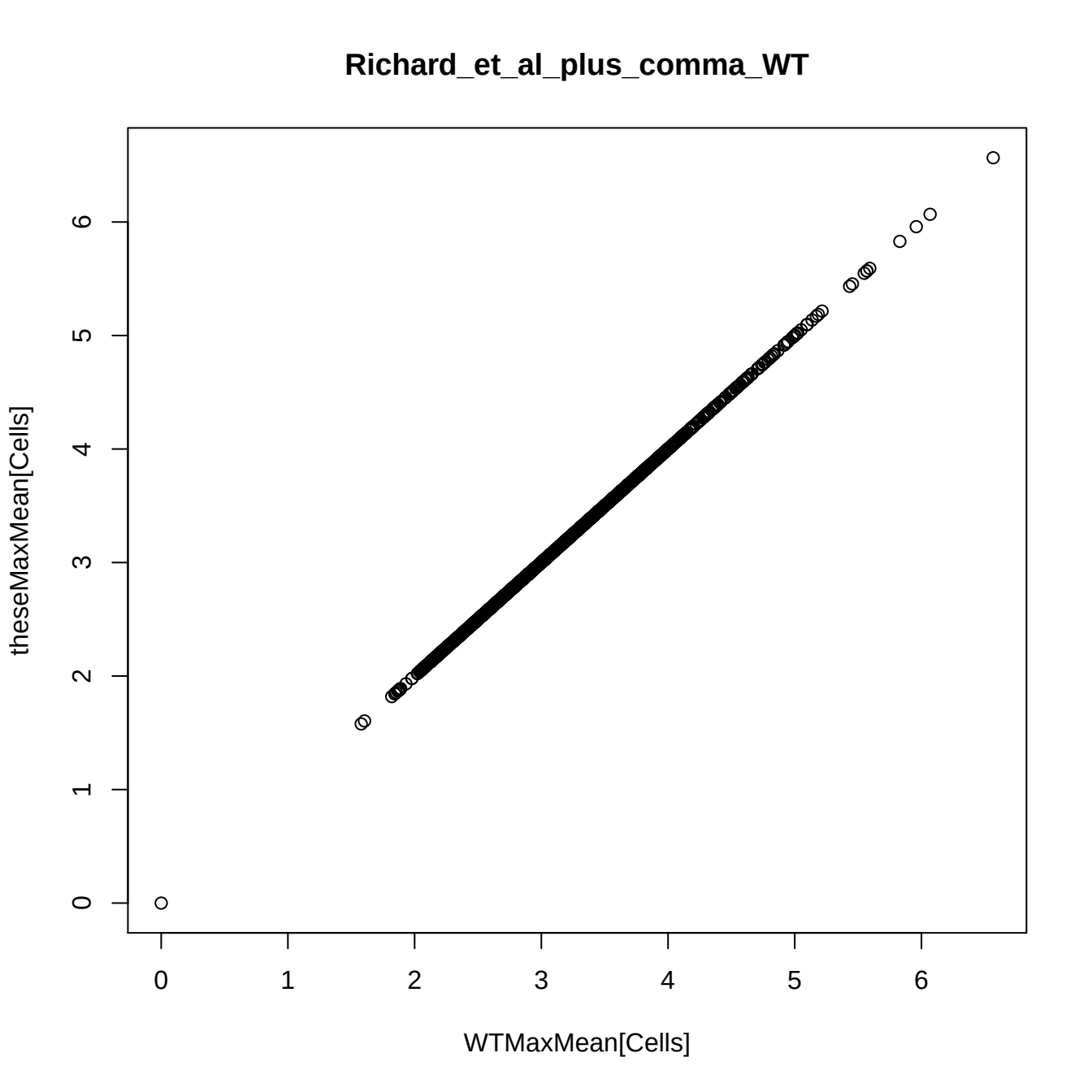
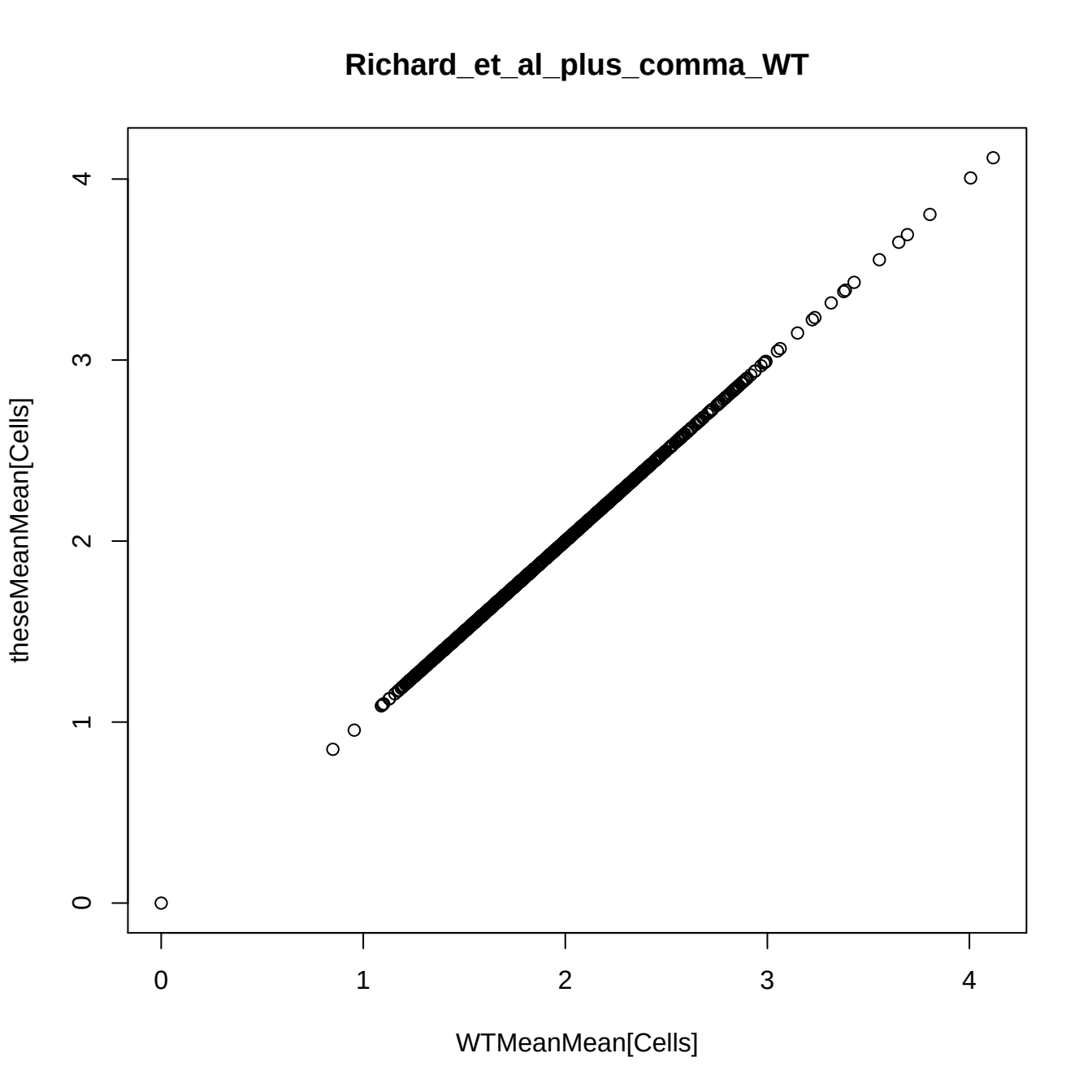

Sigma Cutoff: 3 Dev cutoff: 5
Expressing: 12 159 0.07
Not Expressing: 46 1156 0.038
Richard_et_al_plus_comma_WT
0.0
0.5
1.0
1.5
2.0
0
2000
4000
6000
8000
Peak Expression

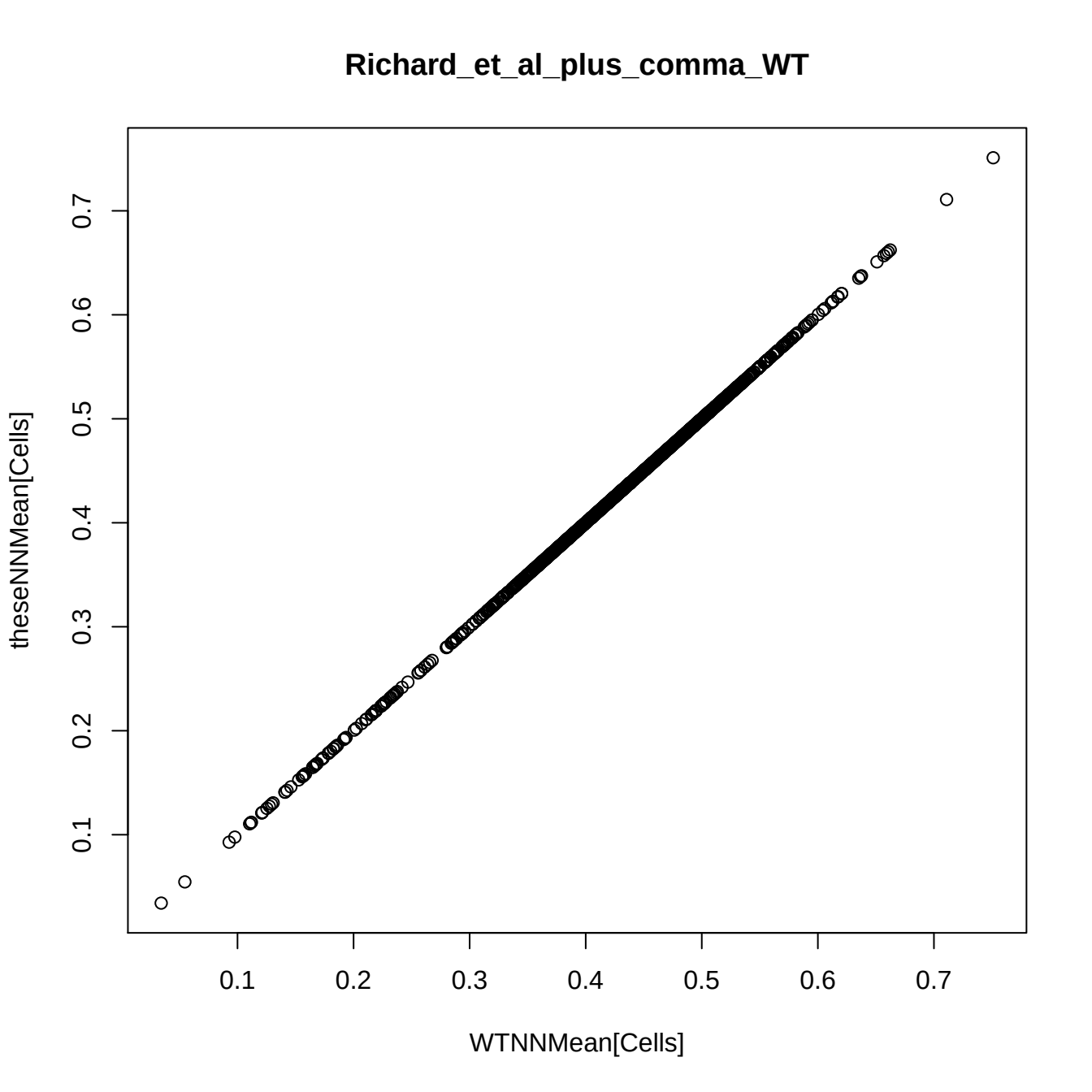

SD
0.5
1.0
1.5
2.0
2.5
3.0
3.5
0
1
2
3
4
5
6
Richard_et_al_plus_comma_WT max

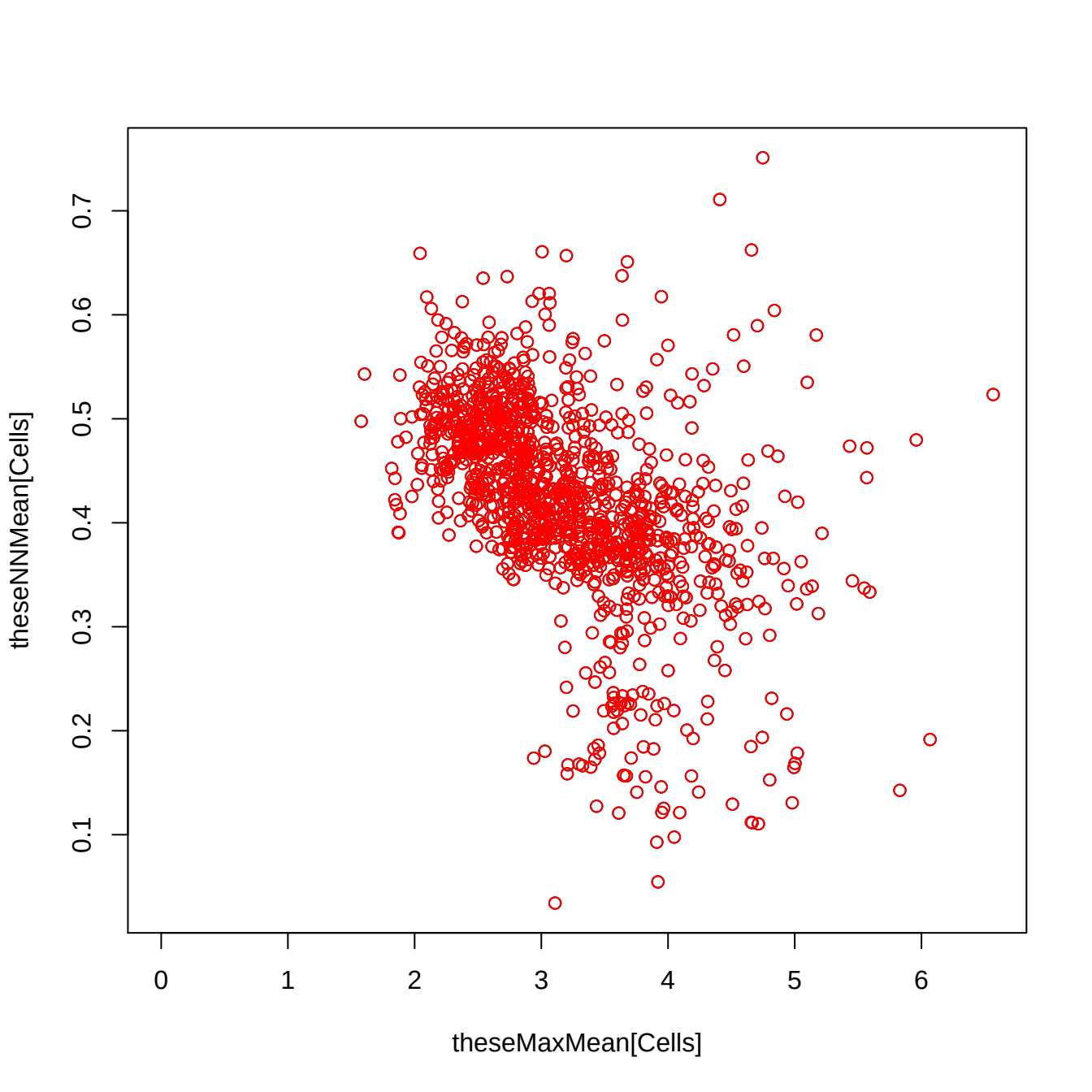

SD
0.5
1.0
1.5
2.0
2.5
0
1
2
3
4
Richard_et_al_plus_comma_WT mean

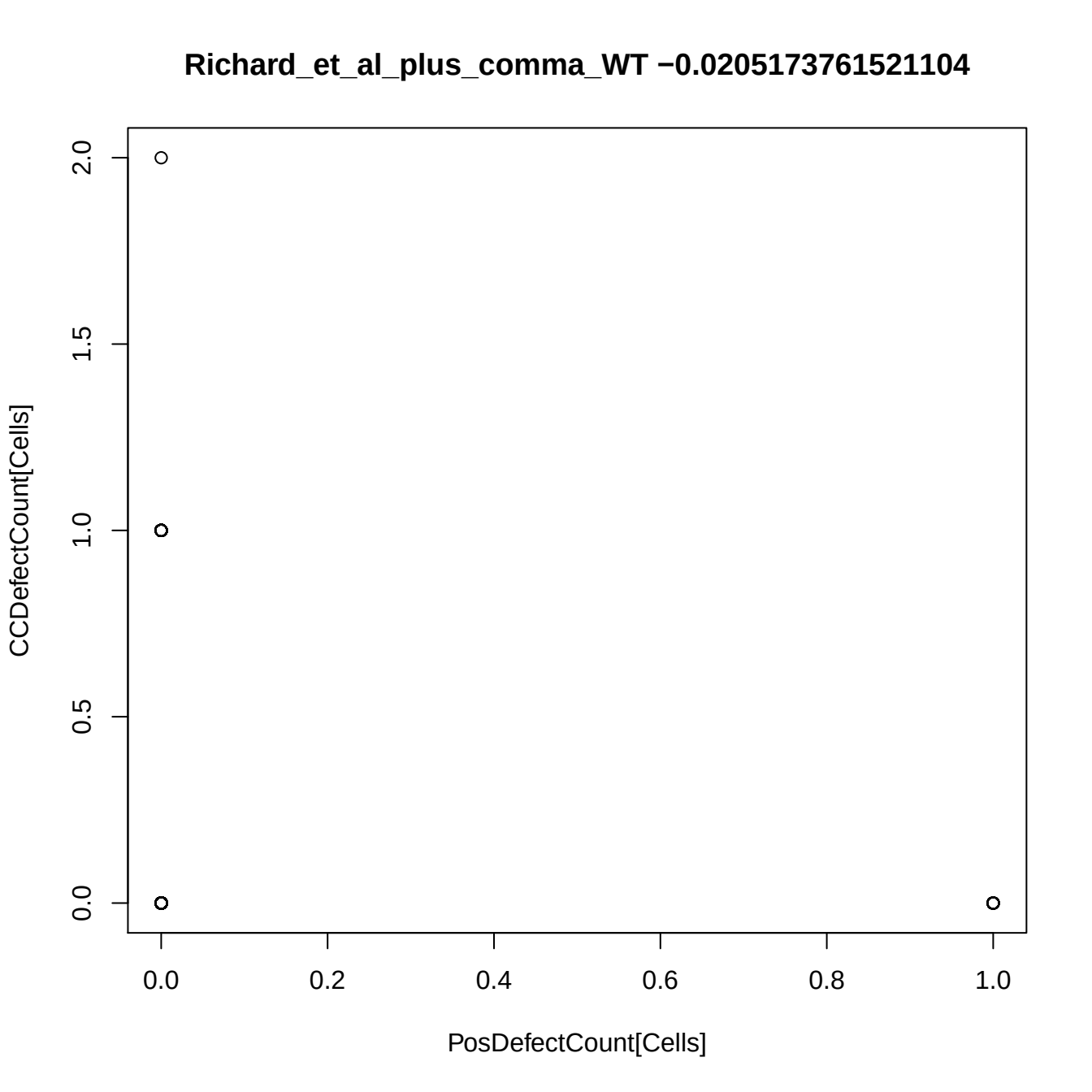

SD
0.05
0.10
0.15
0.20
0.25
0.30
0.35
0.1
0.2
0.3
0.4
0.5
0.6
0.7
Richard_et_al_plus_comma_WT NN

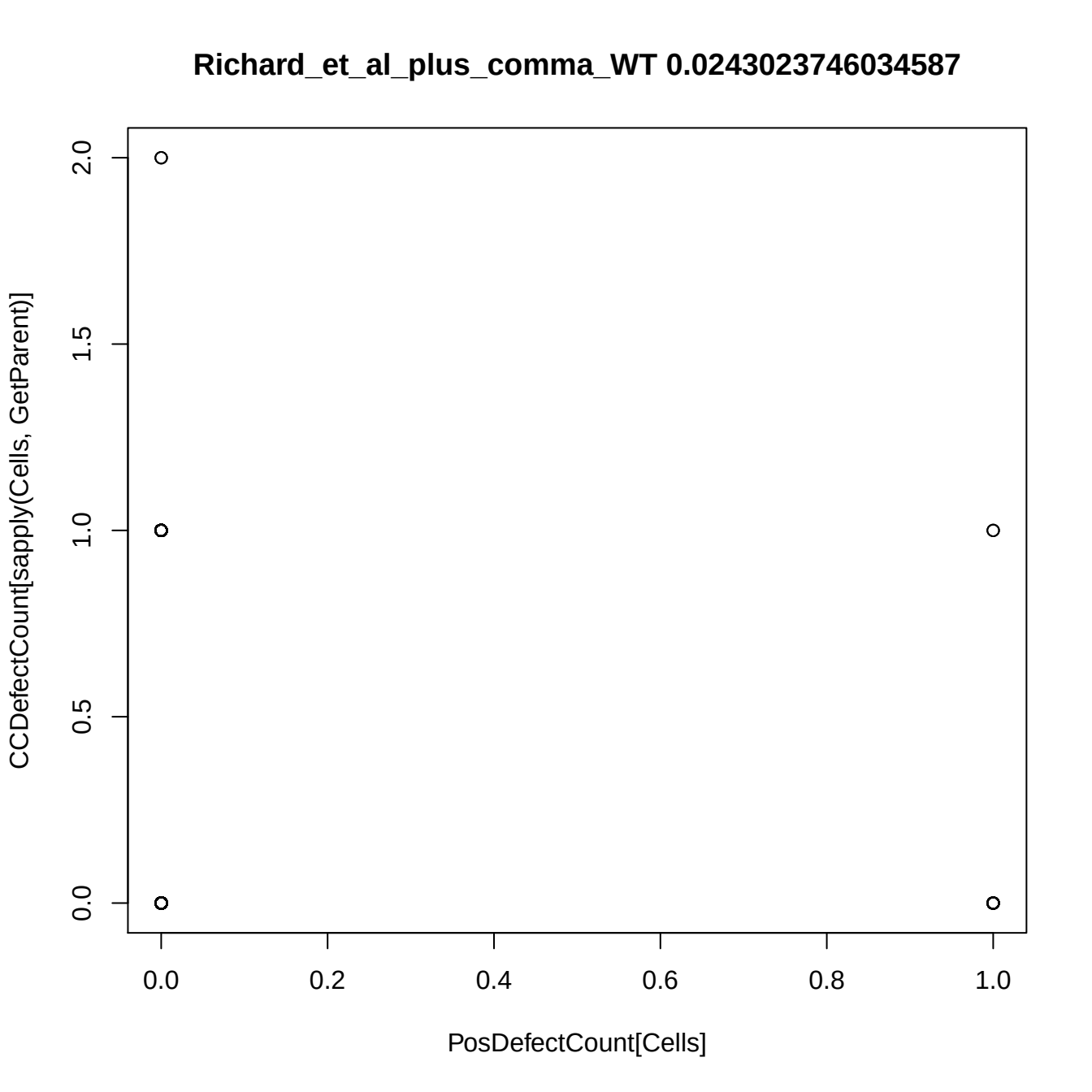

Richard_et_al_plus_comma_WT
theseMaxMean[Cells]
WTMaxMean[Cells]
0
1
2
3
4
5
6

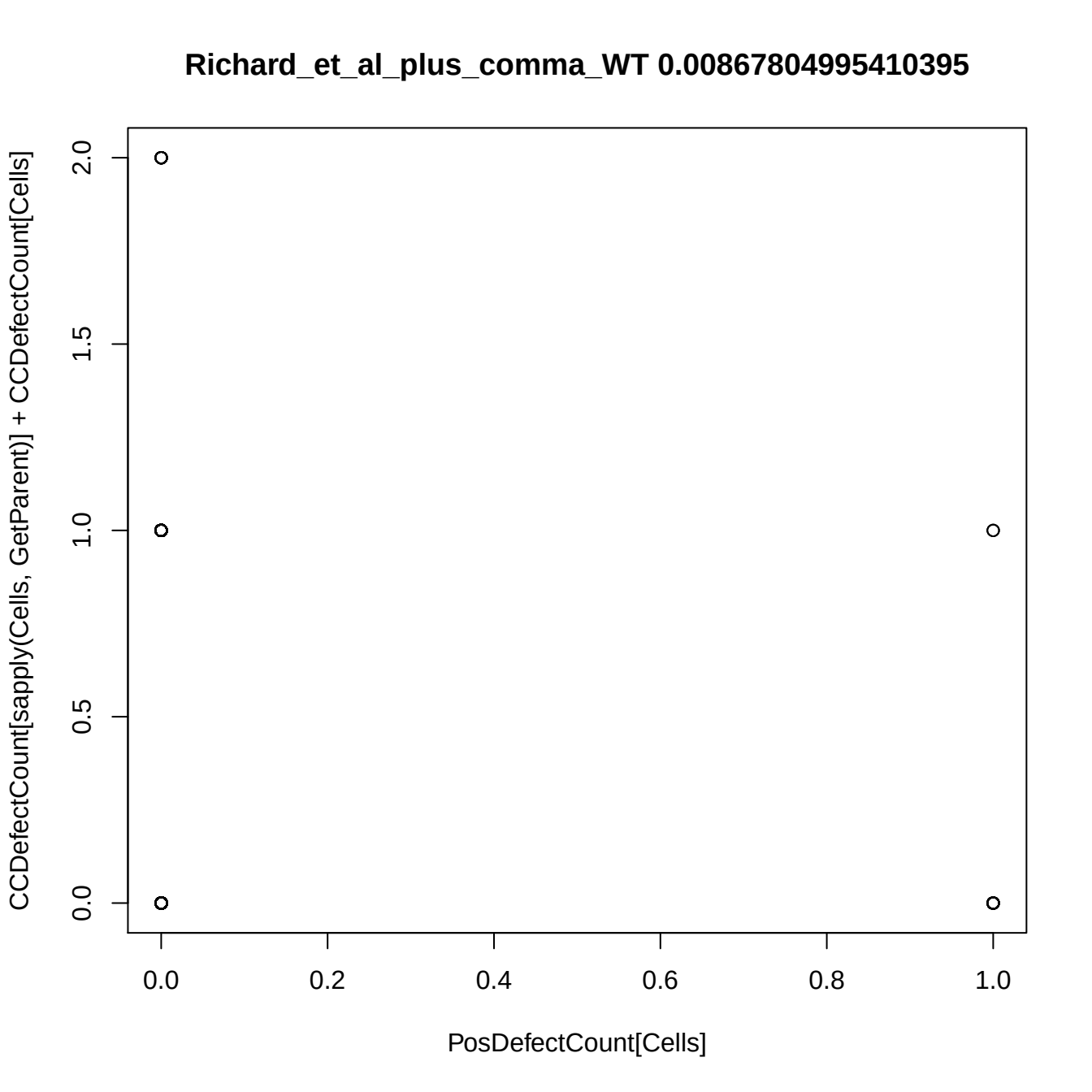

Richard_et_al_plus_comma_WT
theseMeanMean[Cells]
WTMeanMean[Cells]
0
1
2
3
4

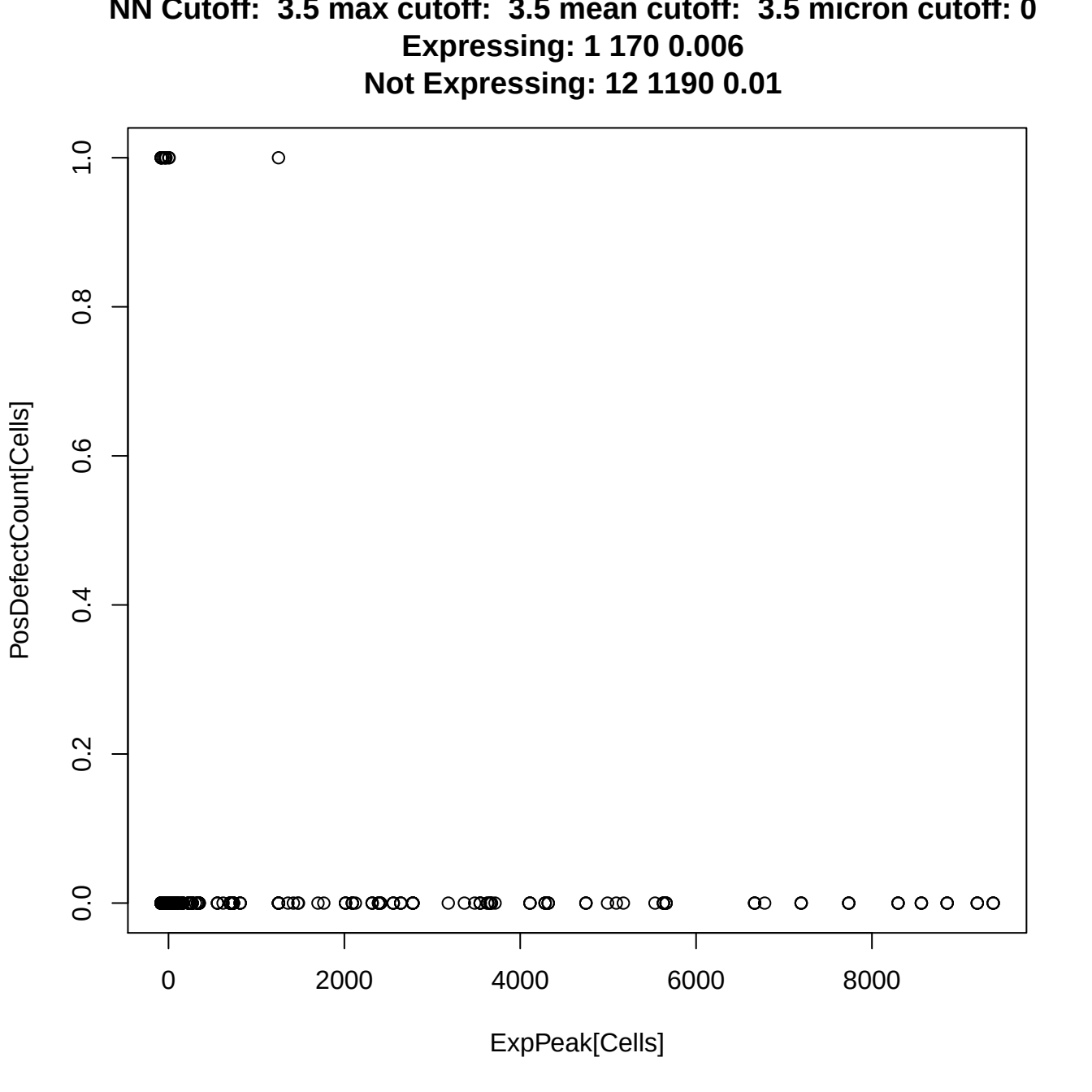

Richard_et_al_plus_comma_WT
theseNNMean[Cells]
WTNNMean[Cells]
0.1
0.2
0.3
0.4
0.5
0.6
0.7

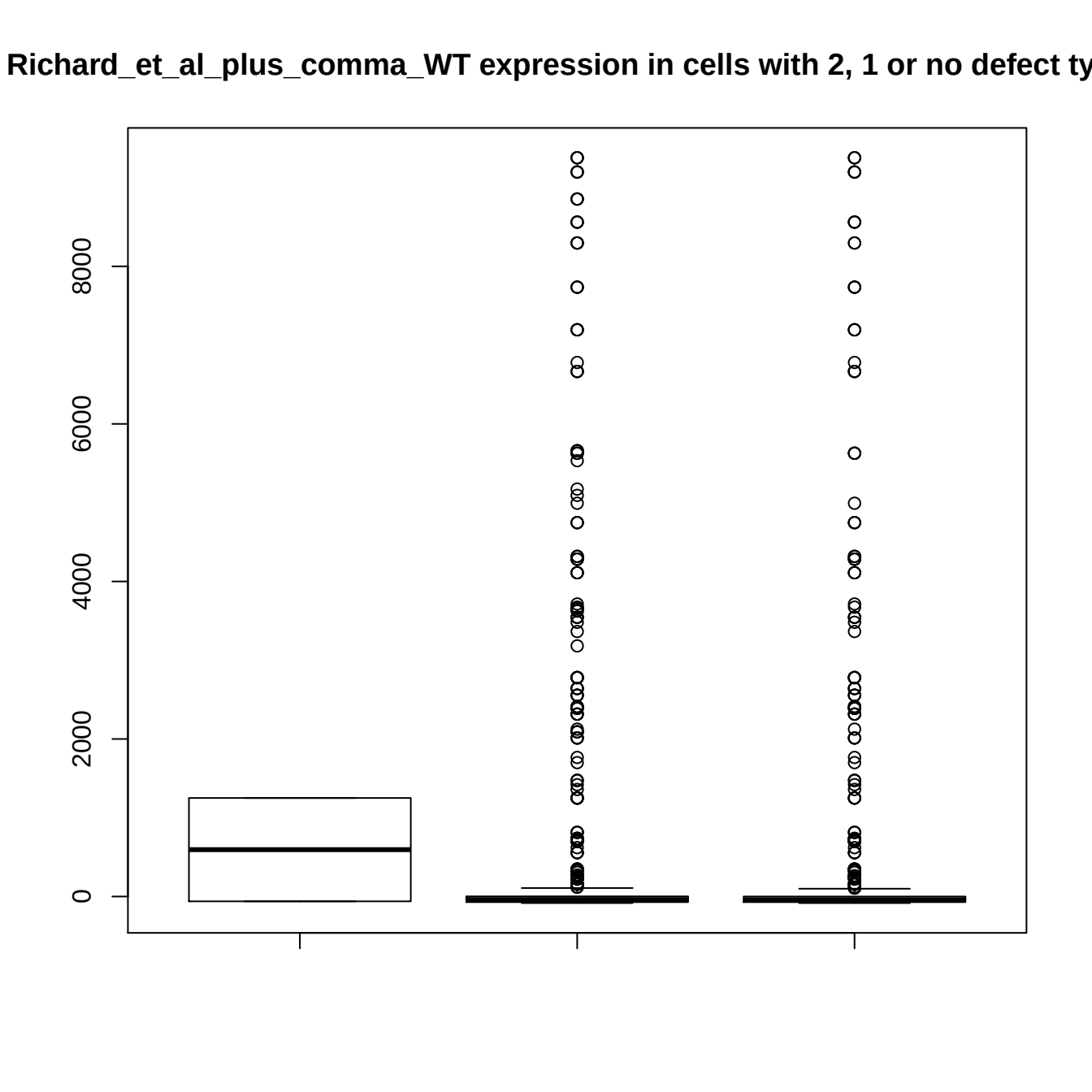

theseNNMean[Cells]
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0
1
2
3
4
5
6
theseMaxMean[Cells]

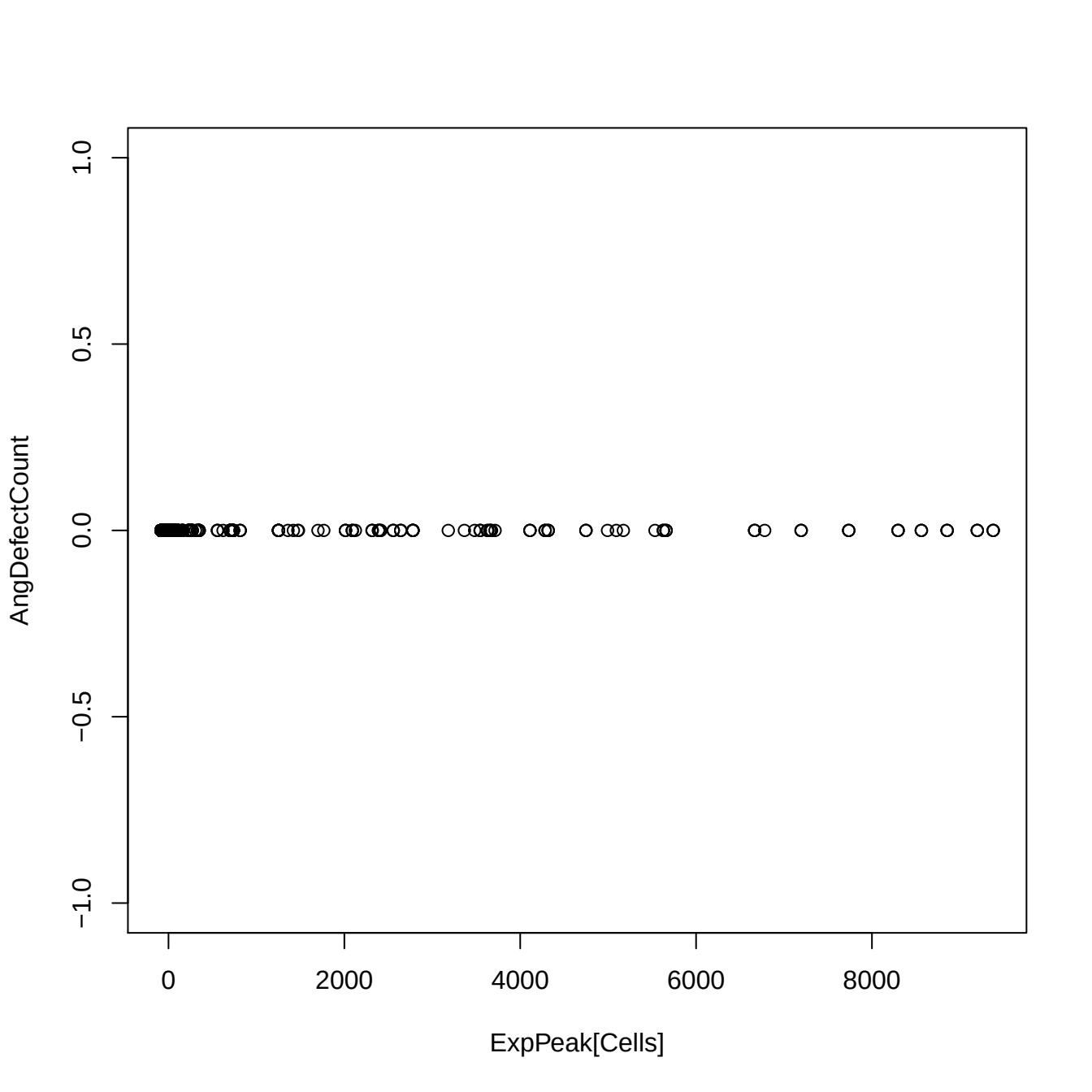

Richard_et_al_plus_comma_WT −0.0205173761521104
CCDefectCount[Cells]
0.0
0.5
1.0
1.5
2.0
0.0
0.2
0.4
0.6
0.8
1.0
PosDefectCount[Cells]

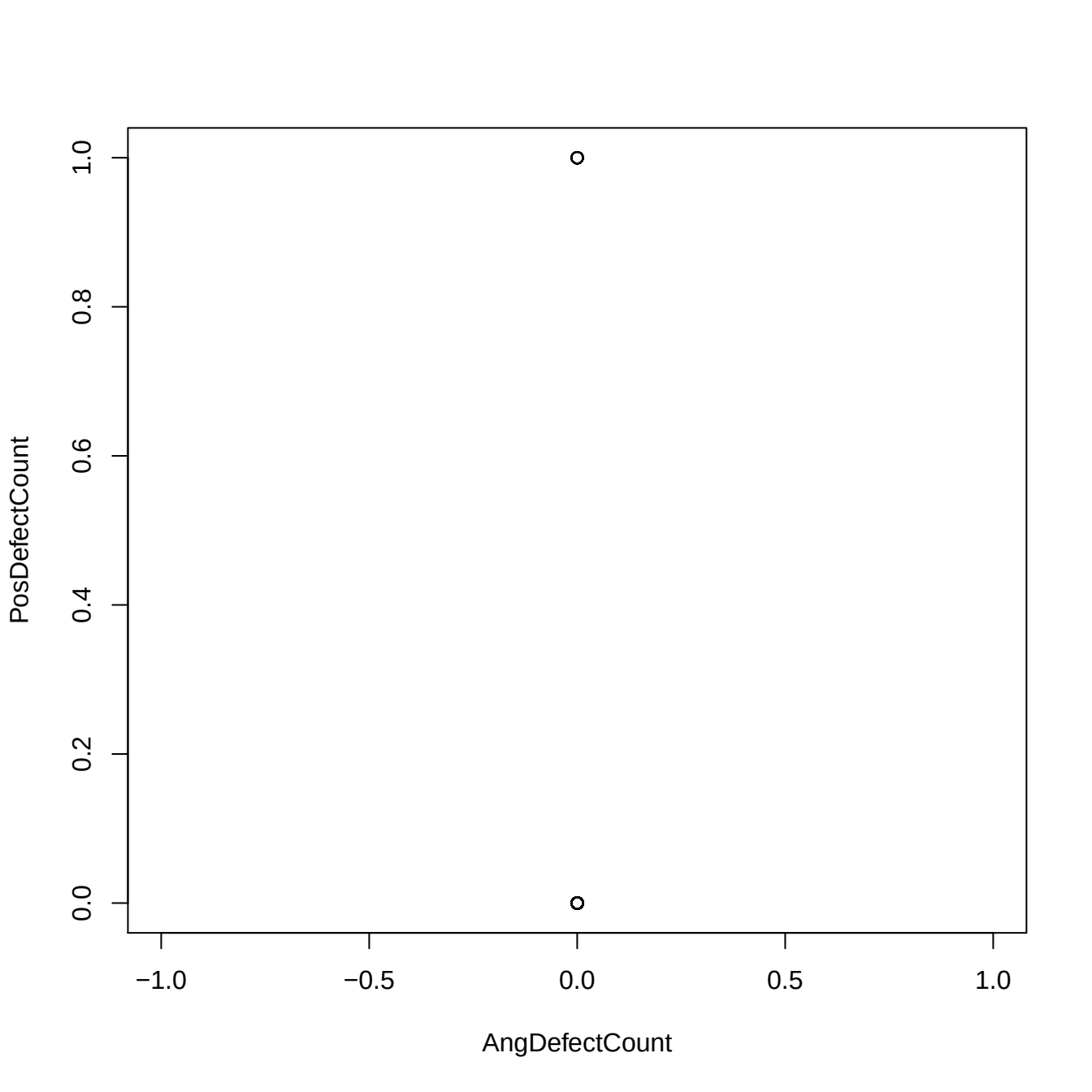

Richard_et_al_plus_comma_WT 0.0243023746034587
CCDefectCount[sapply(Cells, GetParent)]
0.0
0.5
1.0
1.5
2.0
0.0
0.2
0.4
0.6
0.8
1.0
PosDefectCount[Cells]

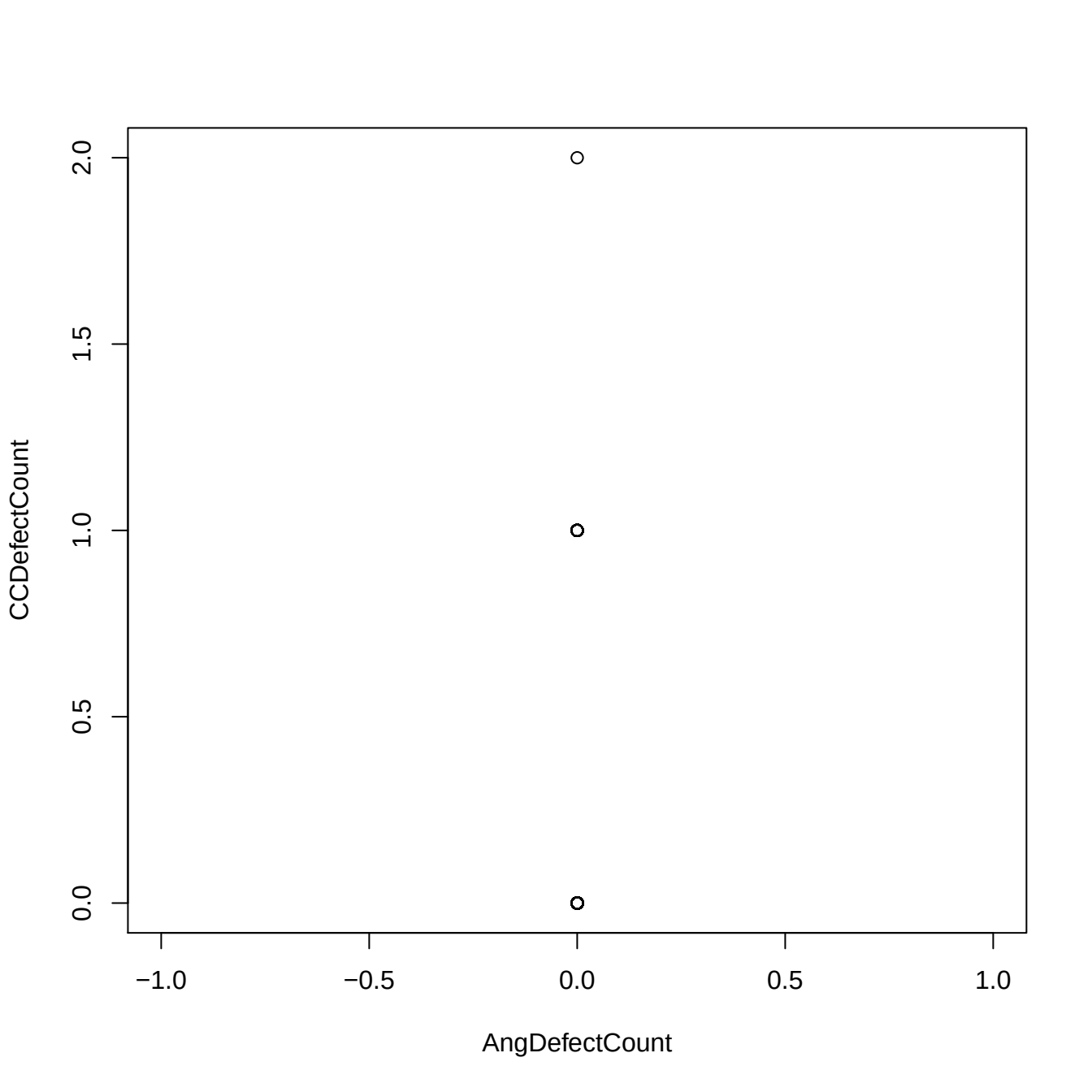

Richard_et_al_plus_comma_WT 0.00867804995410395
CCDefectCount[sapply(Cells, GetParent)] + CCDefectCount[Cells]
0.0
0.5
1.0
1.5
2.0
0.0
0.2
0.4
0.6
0.8
1.0
PosDefectCount[Cells]

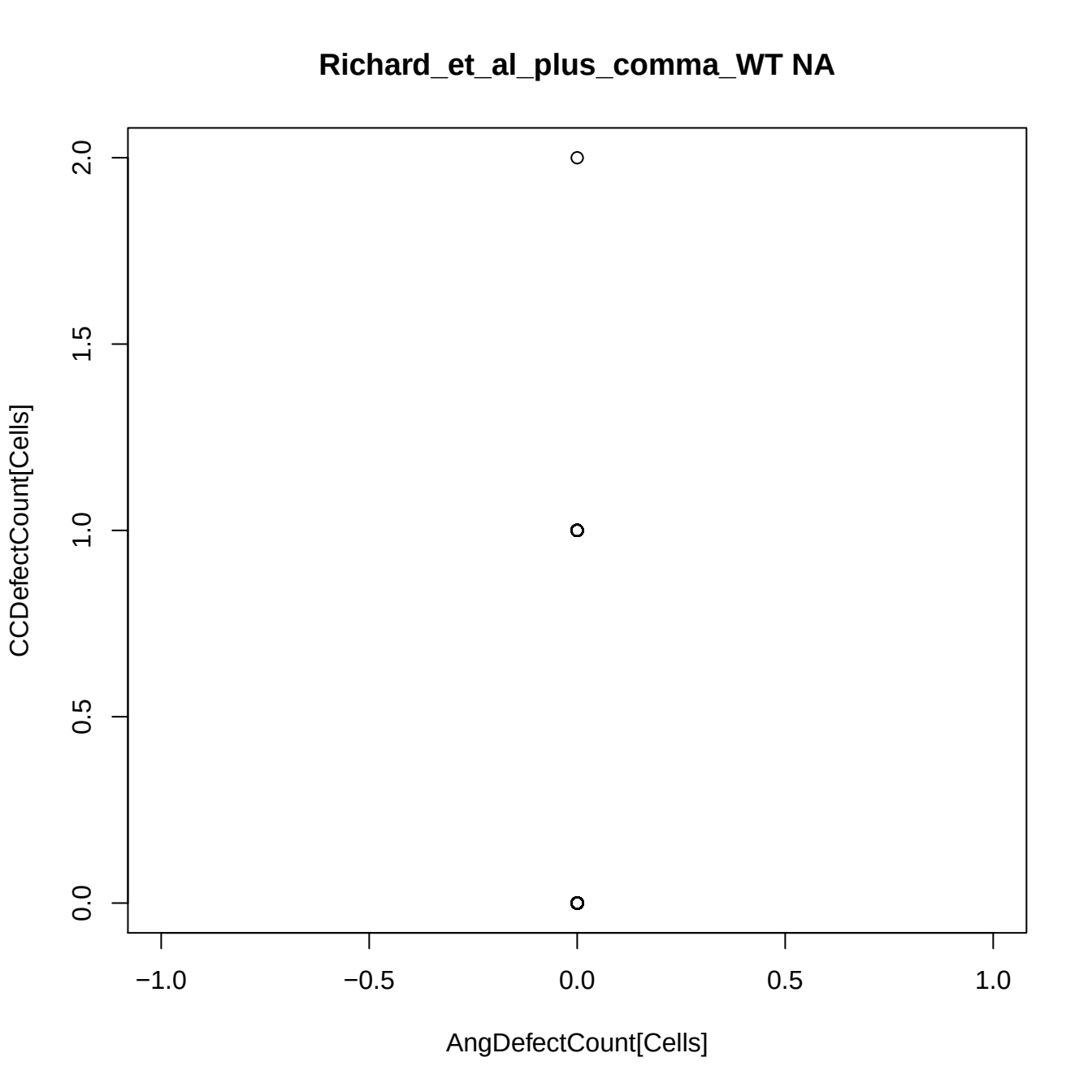

NN Cutoff: 3.5 max cutoff: 3.5 mean cutoff: 3.5 micron cutoff: 0
Expressing: 1 170 0.006
Not Expressing: 12 1190 0.01
PosDefectCount[Cells]
0.0
0.2
0.4
0.6
0.8
1.0
0
2000
4000
6000
8000
ExpPeak[Cells]

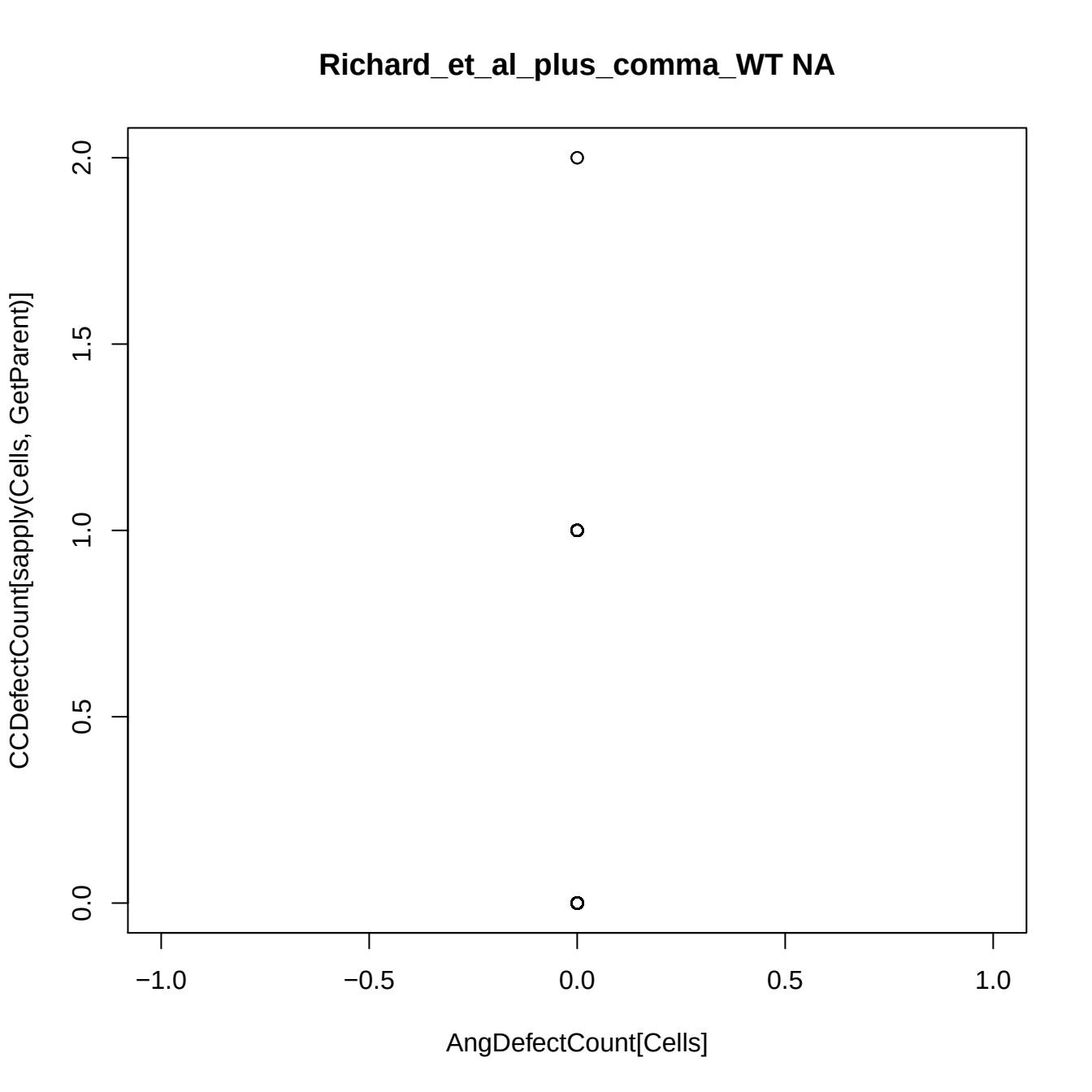

Richard_et_al_plus_comma_WT expression in cells with 2, 1 or no defect ty
0
2000
4000
6000
8000

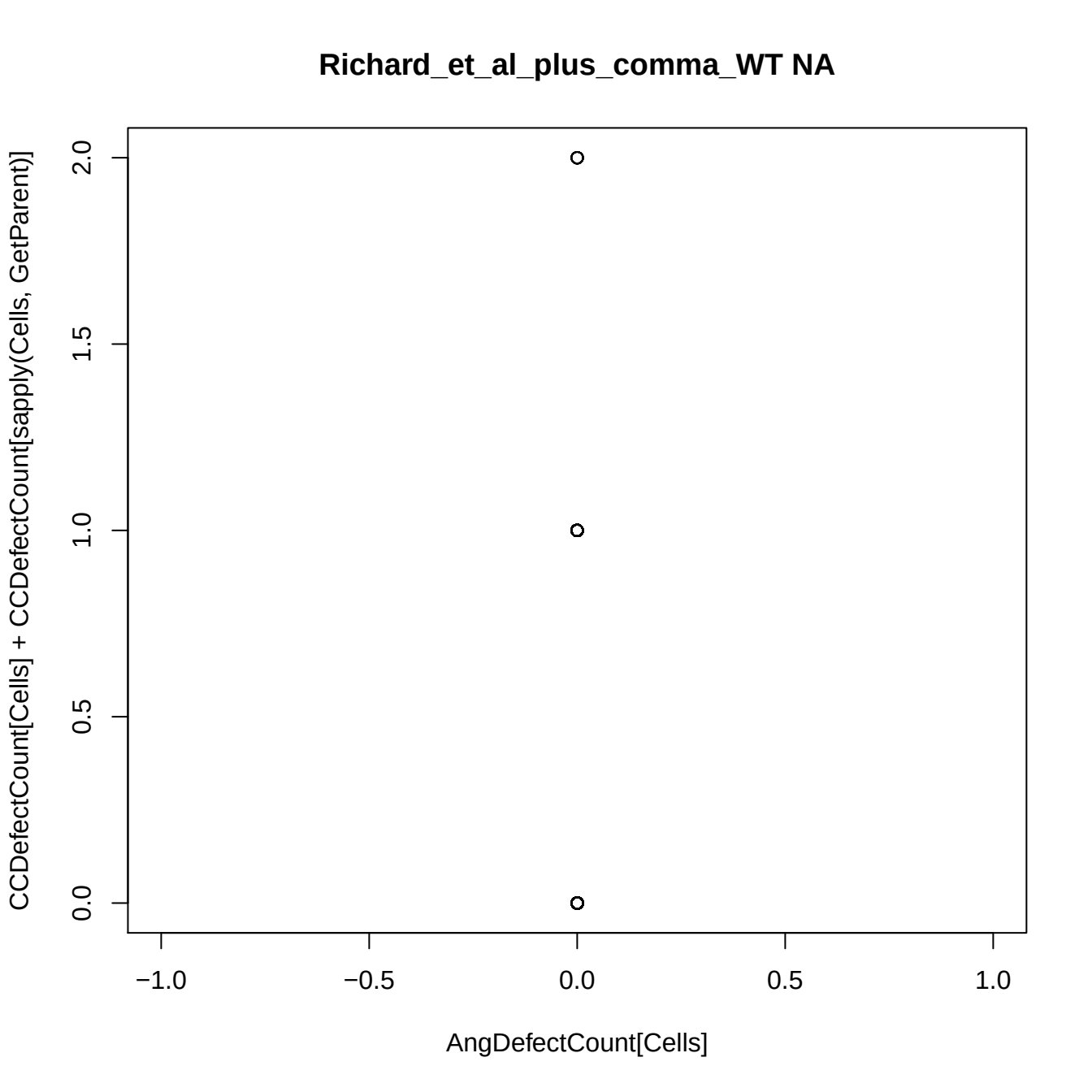

AngDefectCount
1.0
0.5
0.0
−0.5
−1.0
0
2000
4000
6000
8000
ExpPeak[Cells]

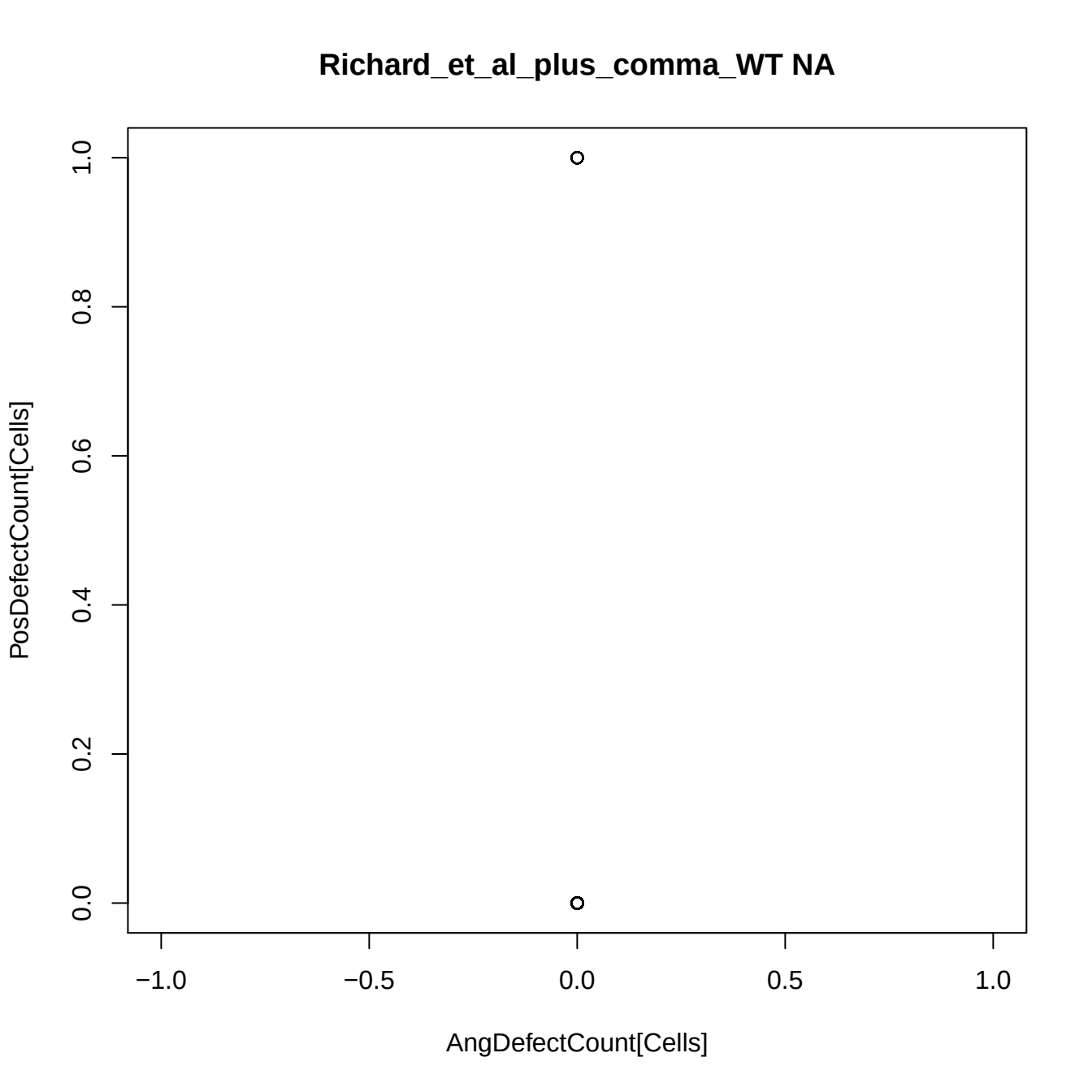

PosDefectCount
0.0
0.2
0.4
0.6
0.8
1.0
−1.0
−0.5
0.0
0.5
1.0
AngDefectCount

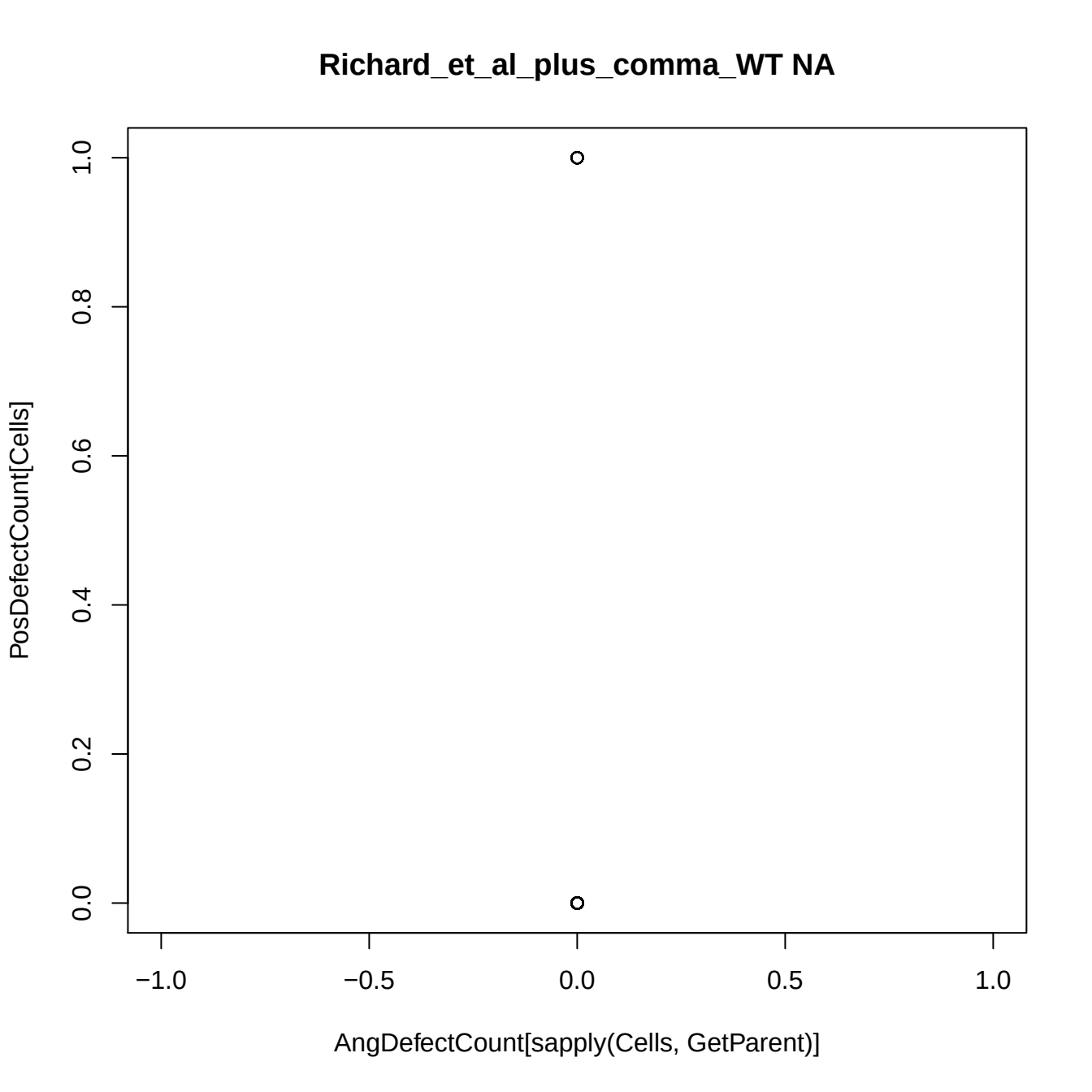

CCDefectCount
0.0
0.5
1.0
1.5
2.0
−1.0
−0.5
0.0
0.5
1.0
AngDefectCount

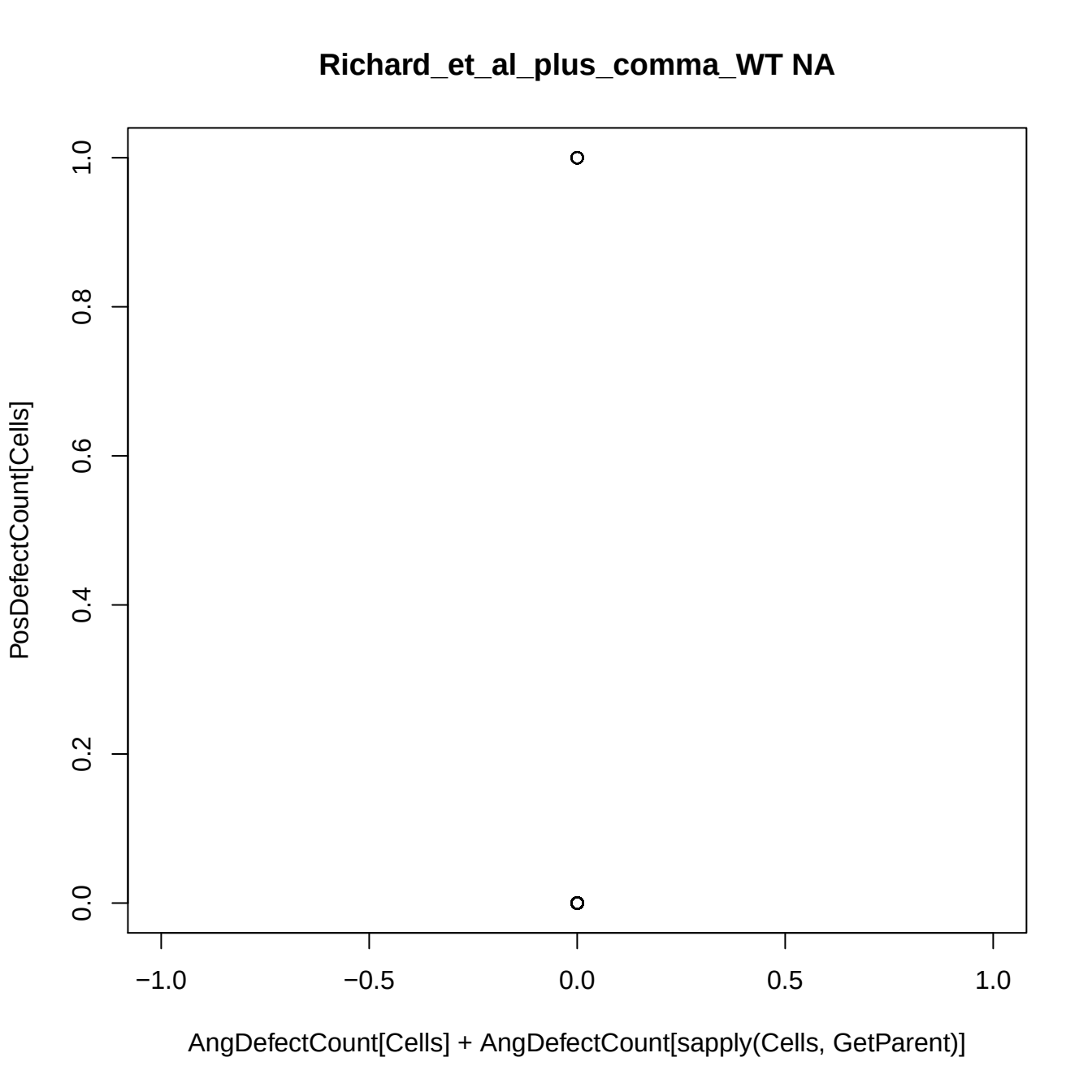

Richard_et_al_plus_comma_WT NA
CCDefectCount[Cells]
AngDefectCount[Cells]
0.0
0.5
1.0
1.5
2.0
−1.0
−0.5
0.0
0.5
1.0

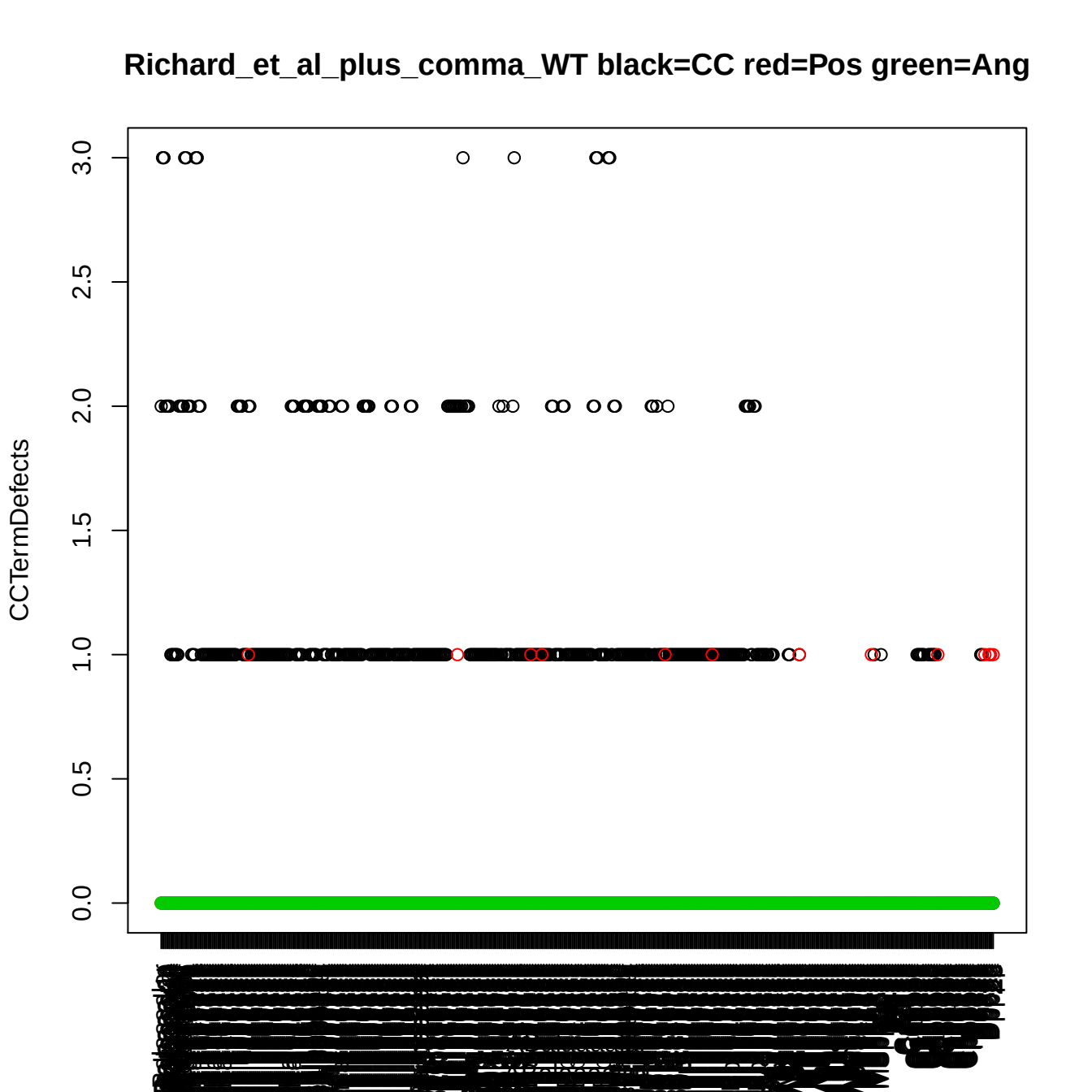

Richard_et_al_plus_comma_WT NA
CCDefectCount[sapply(Cells, GetParent)]
0.0
0.5
1.0
1.5
2.0
−1.0
−0.5
0.0
0.5
1.0
AngDefectCount[Cells]

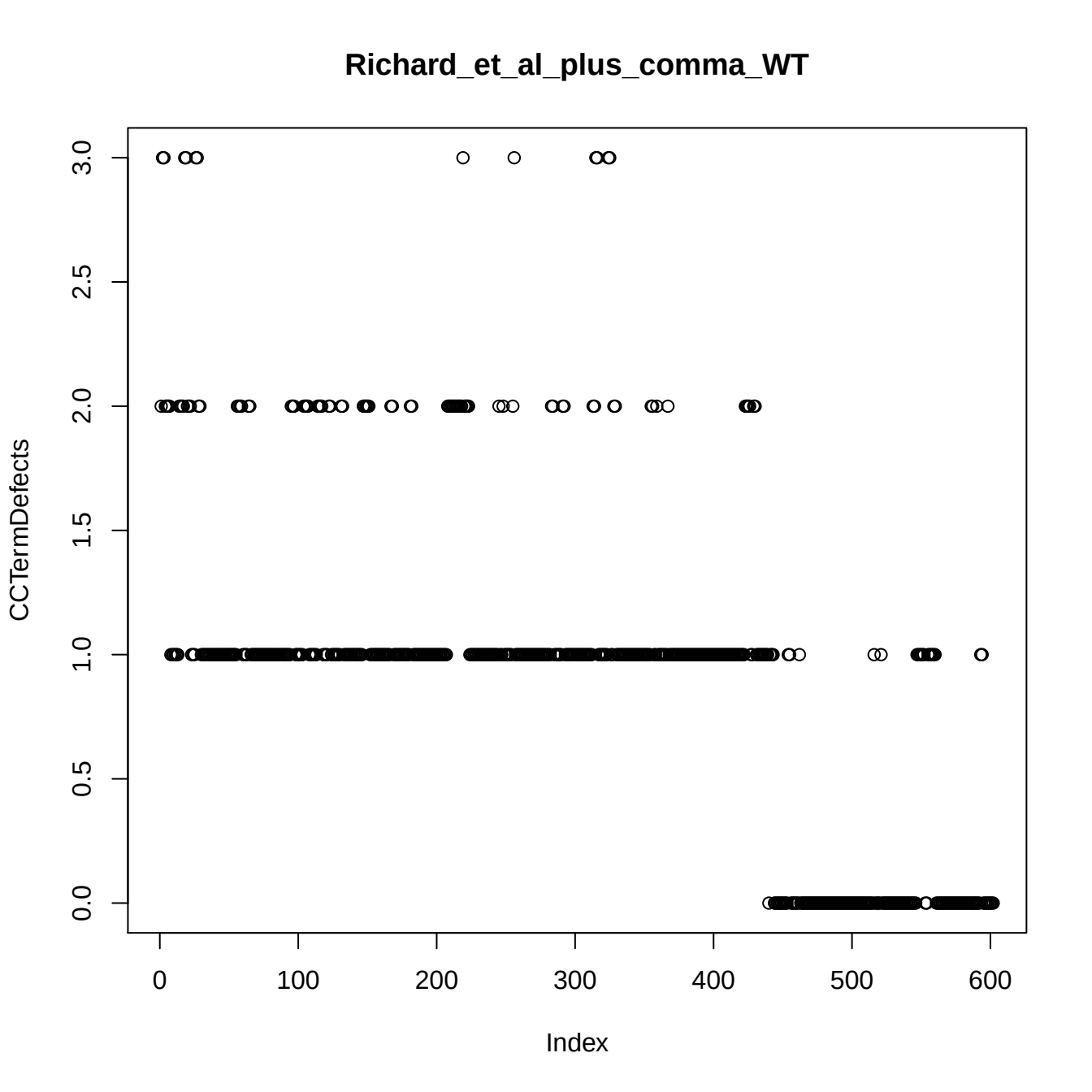

Richard_et_al_plus_comma_WT NA
CCDefectCount[Cells] + CCDefectCount[sapply(Cells, GetParent)]
0.0
0.5
1.0
1.5
2.0
−1.0
−0.5
0.0
0.5
1.0
AngDefectCount[Cells]

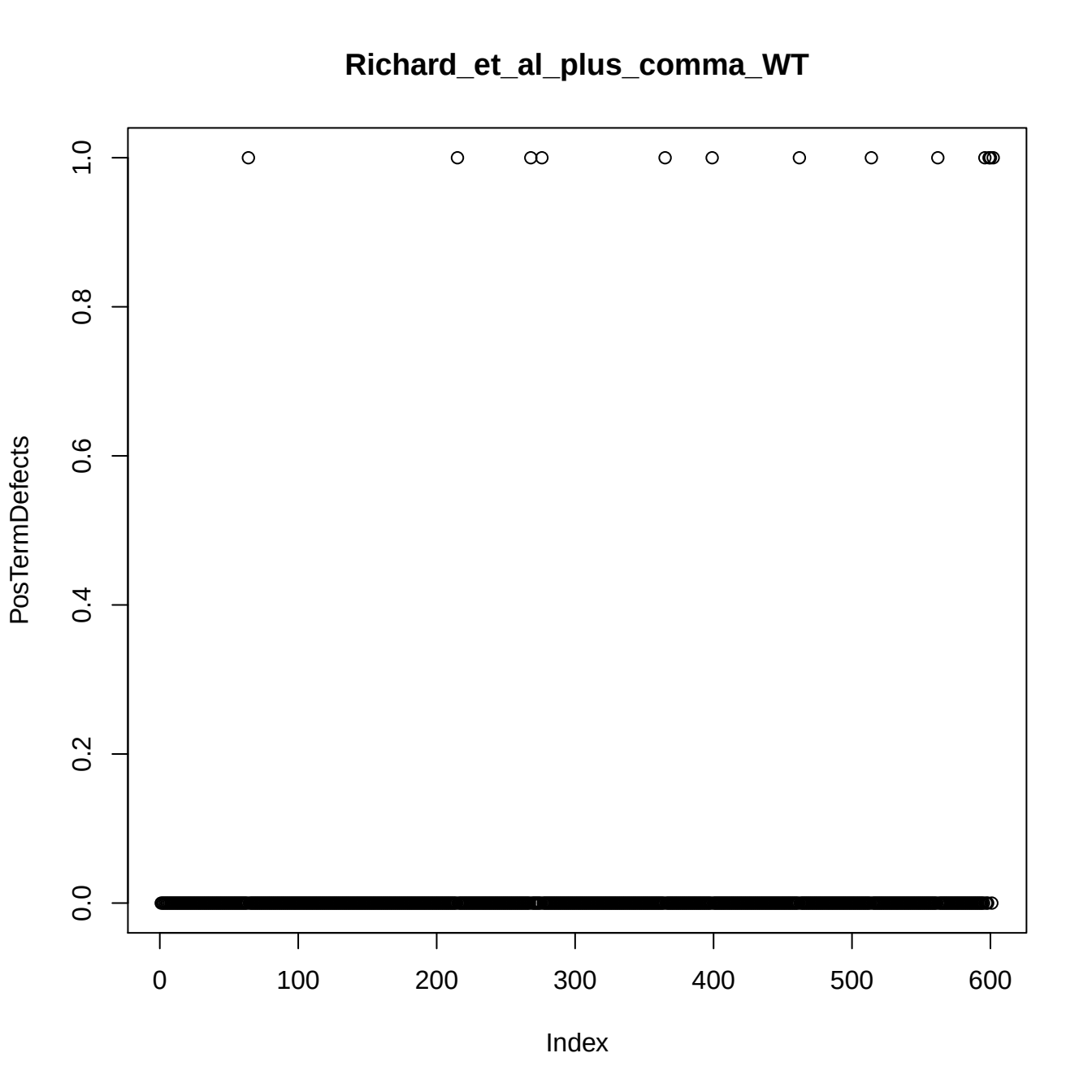

Richard_et_al_plus_comma_WT NA
PosDefectCount[Cells]
0.0
0.2
0.4
0.6
0.8
1.0
−1.0
−0.5
0.0
0.5
1.0
AngDefectCount[Cells]

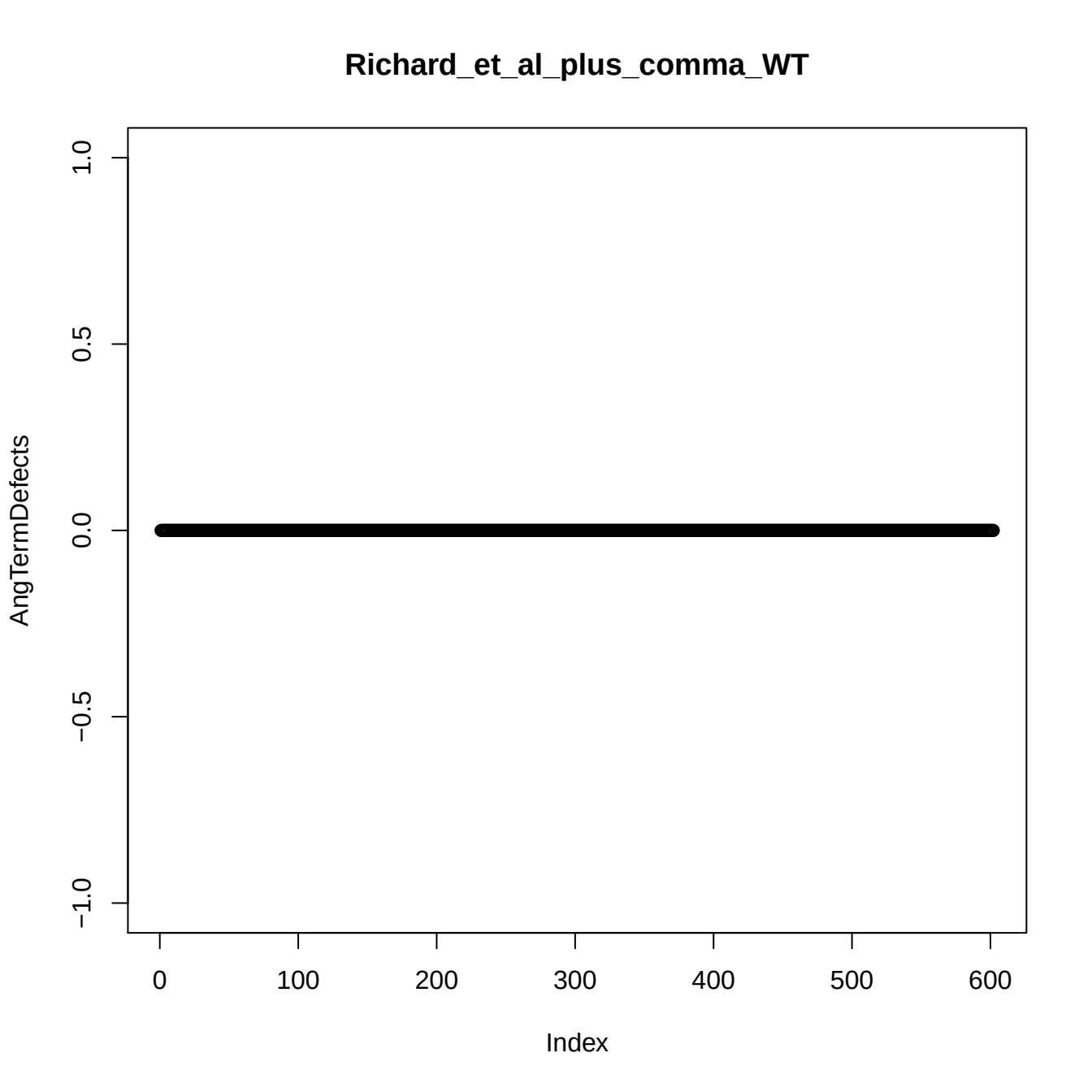

Richard_et_al_plus_comma_WT NA
PosDefectCount[Cells]
0.0
0.2
0.4
0.6
0.8
1.0
−1.0
−0.5
0.0
0.5
1.0
AngDefectCount[sapply(Cells, GetParent)]

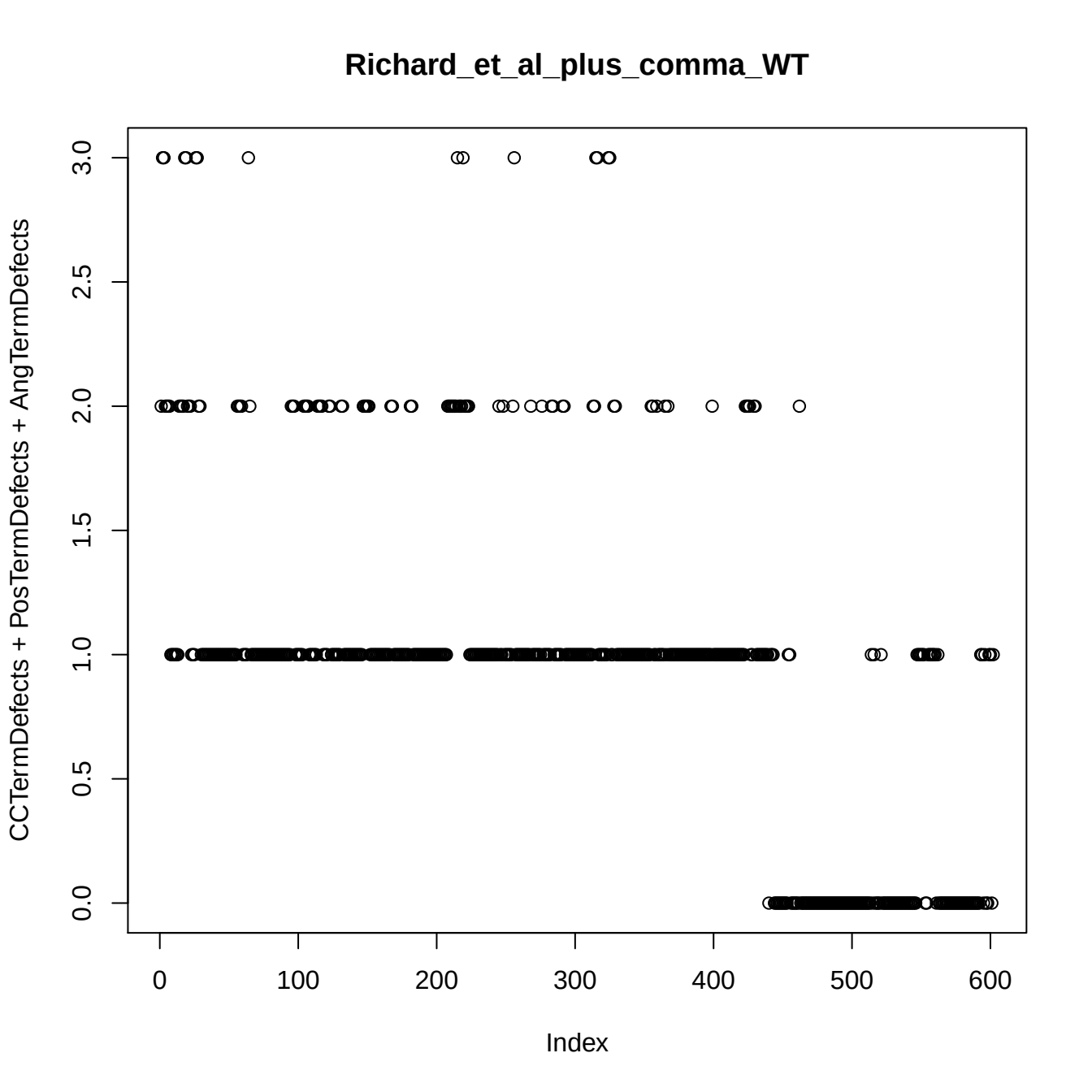

Richard_et_al_plus_comma_WT NA
PosDefectCount[Cells]
0.0
0.2
0.4
0.6
0.8
1.0
−1.0
−0.5
0.0
0.5
1.0
AngDefectCount[Cells] + AngDefectCount[sapply(Cells, GetParent)]

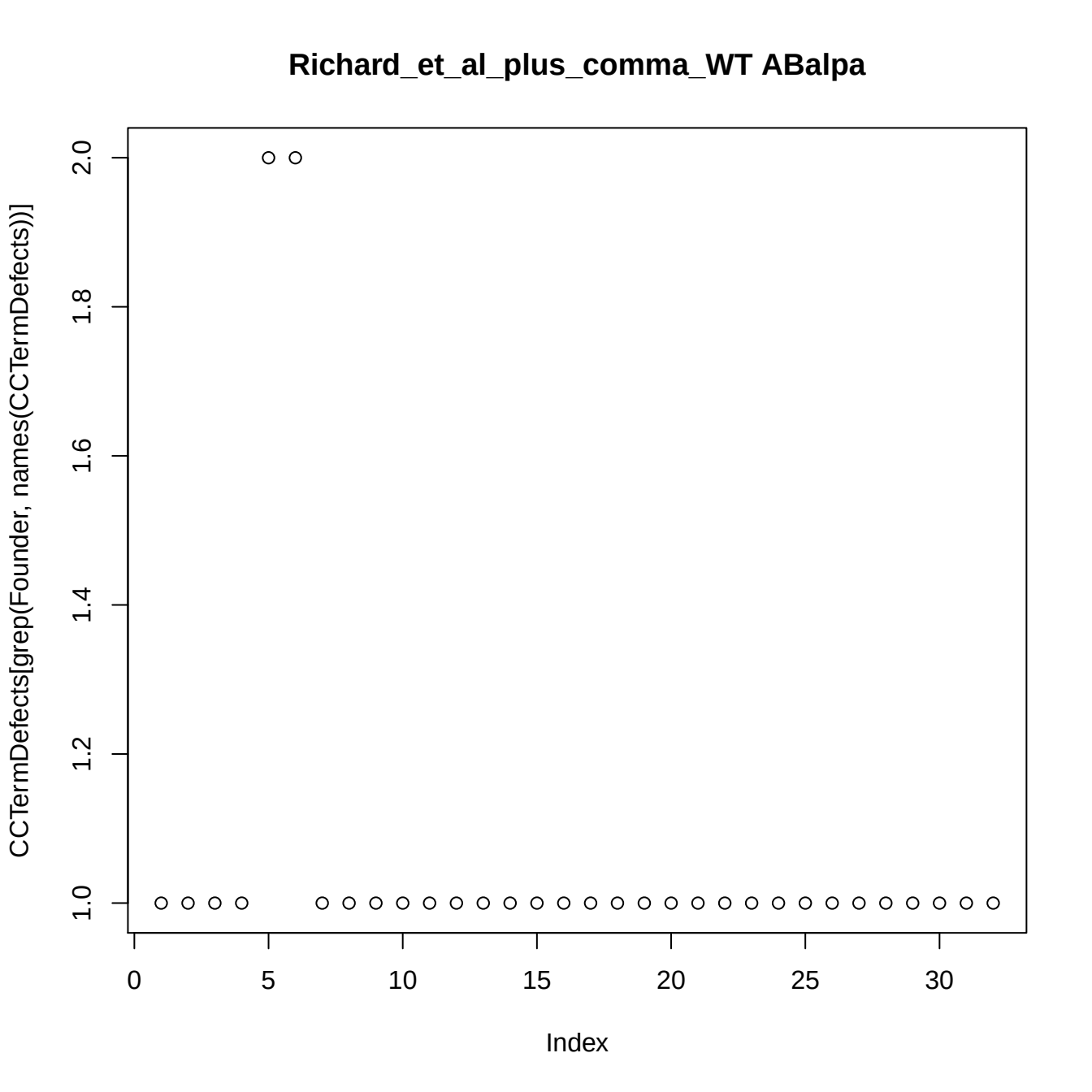

Richard_et_al_plus_comma_WT black=CC red=Pos green=Ang
CCTermDefects
3.0
2.5
2.0
1.5
1.0
0.5
0.0

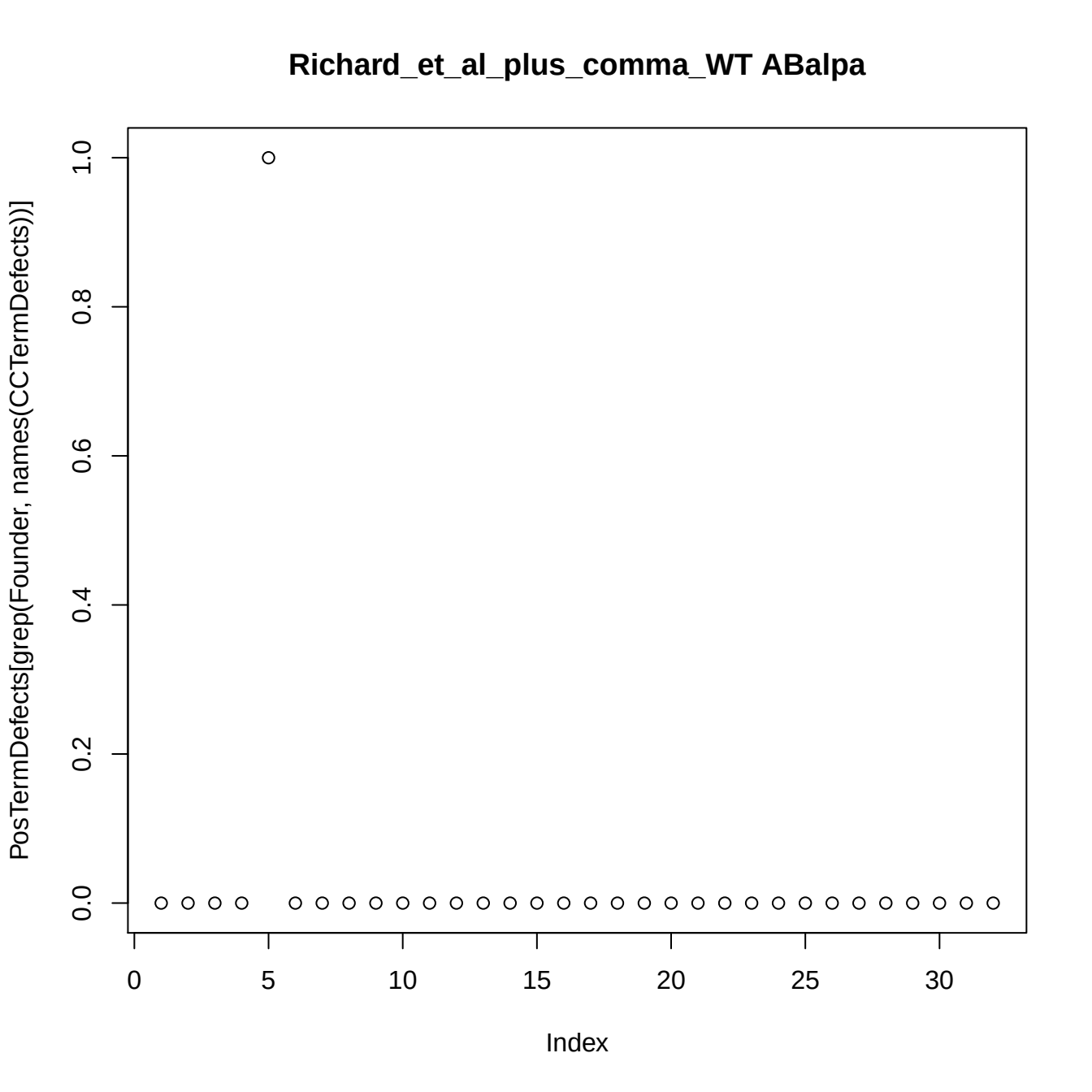

Richard_et_al_plus_comma_WT
CCTermDefects
0.0
0.5
1.0
1.5
2.0
2.5
3.0
0
100
200
300
400
500
600
Index

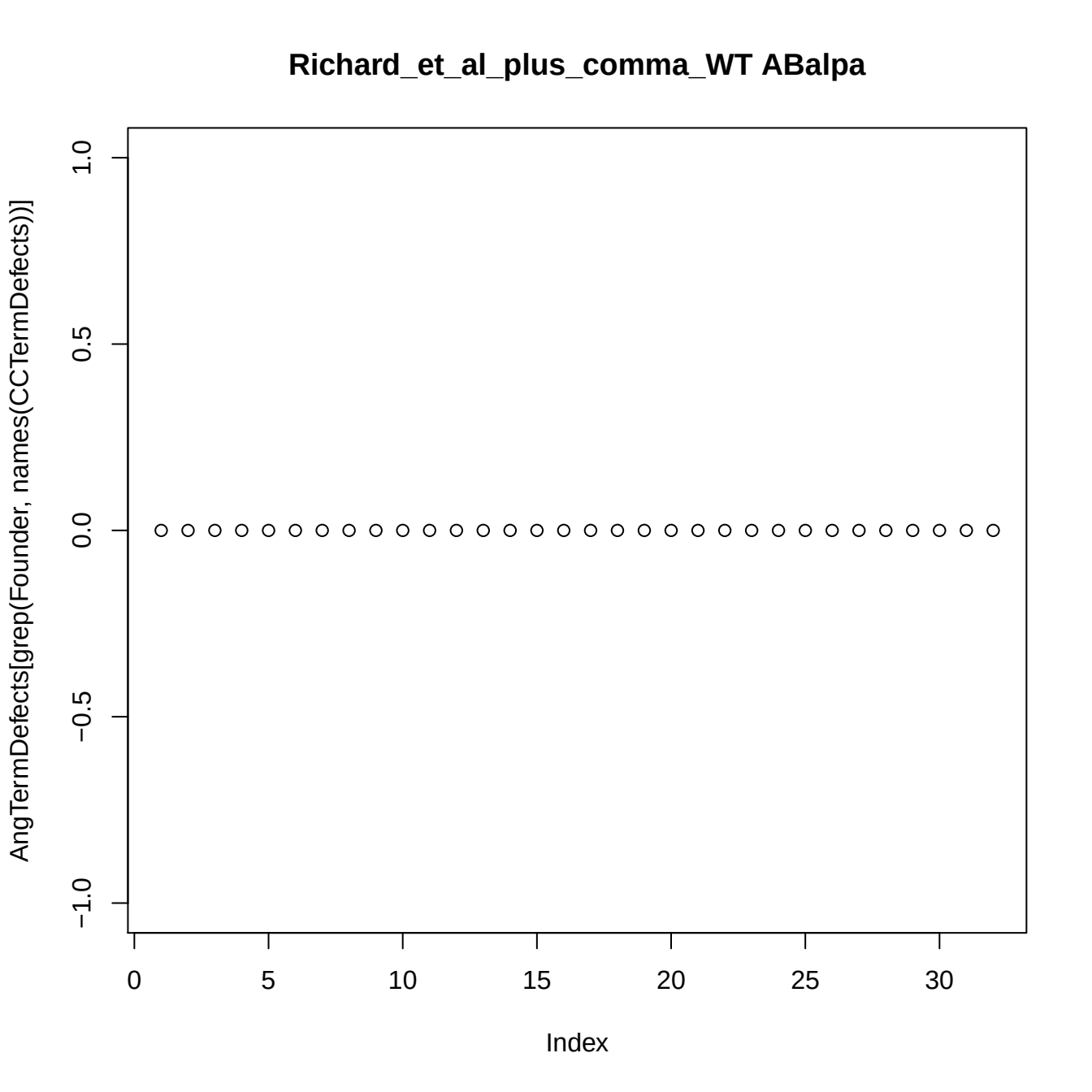

Richard_et_al_plus_comma_WT
PosTermDefects
0.0
0.2
0.4
0.6
0.8
1.0
0
100
200
300
400
500
600
Index

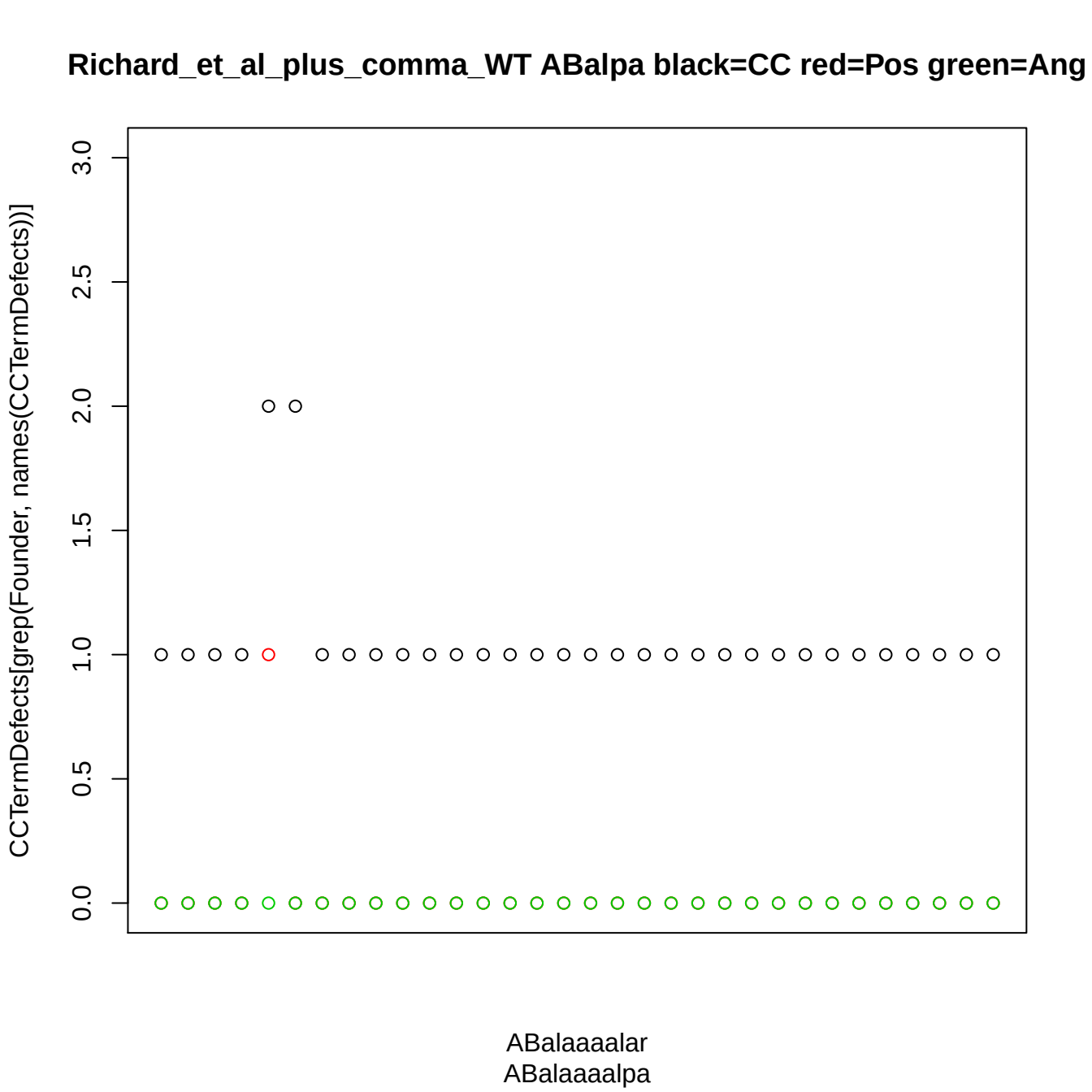

Richard_et_al_plus_comma_WT
AngTermDefects
1.0
0.5
0.0
−0.5
−1.0
0
100
200
300
400
500
600
Index

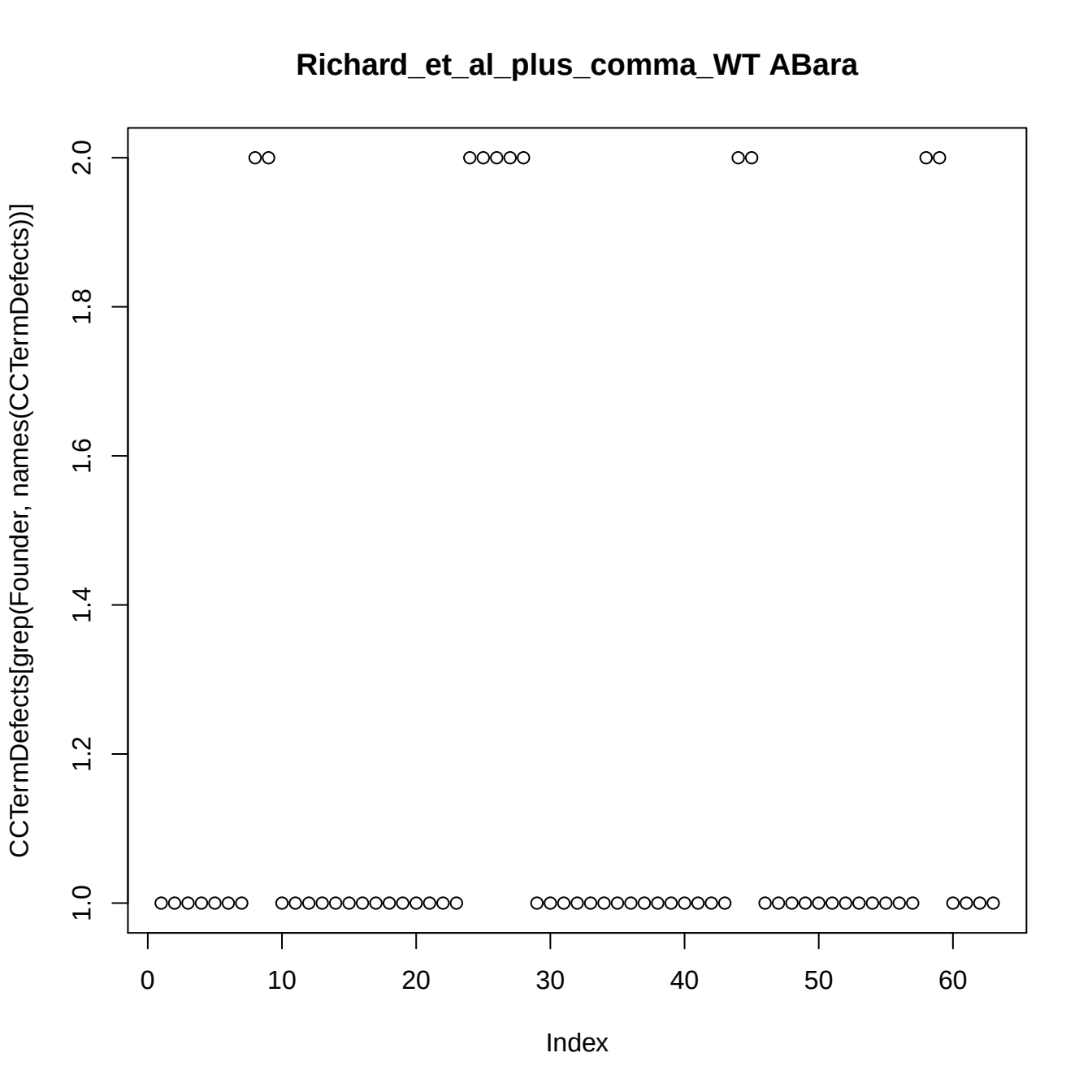

Richard_et_al_plus_comma_WT
CCTermDefects + PosTermDefects + AngTermDefects
0.0
0.5
1.0
1.5
2.0
2.5
3.0
0
100
200
300
400
500
600
Index

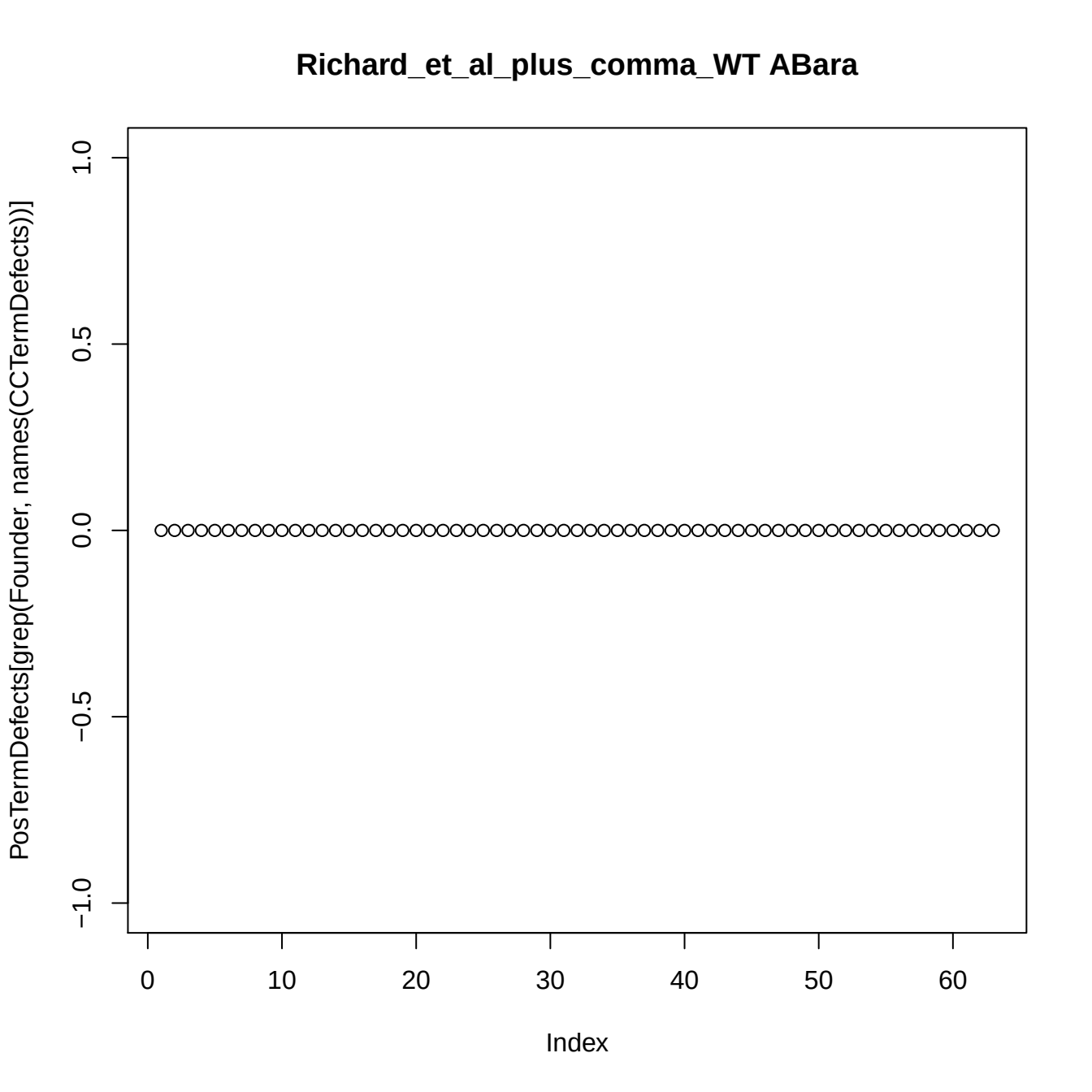

Richard_et_al_plus_comma_WT ABalpa
CCTermDefects[grep(Founder, names(CCTermDefects))]
2.0
1.8
1.6
1.4
1.2
1.0
0
5
10
15
20
25
30
Index

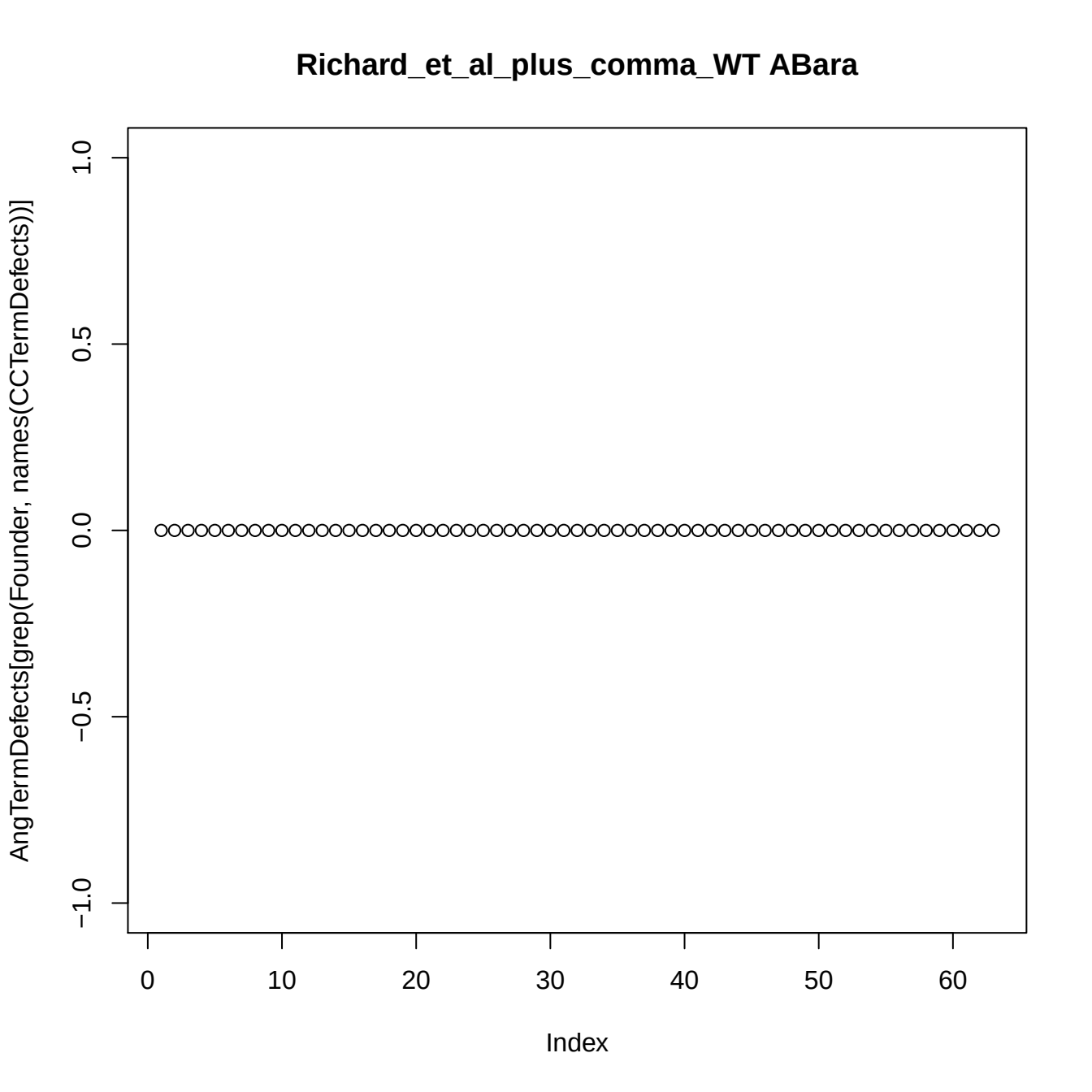

Richard_et_al_plus_comma_WT ABalpa
PosTermDefects[grep(Founder, names(CCTermDefects))]
0.0
0.2
0.4
0.6
0.8
1.0
0
5
10
15
20
25
30
Index

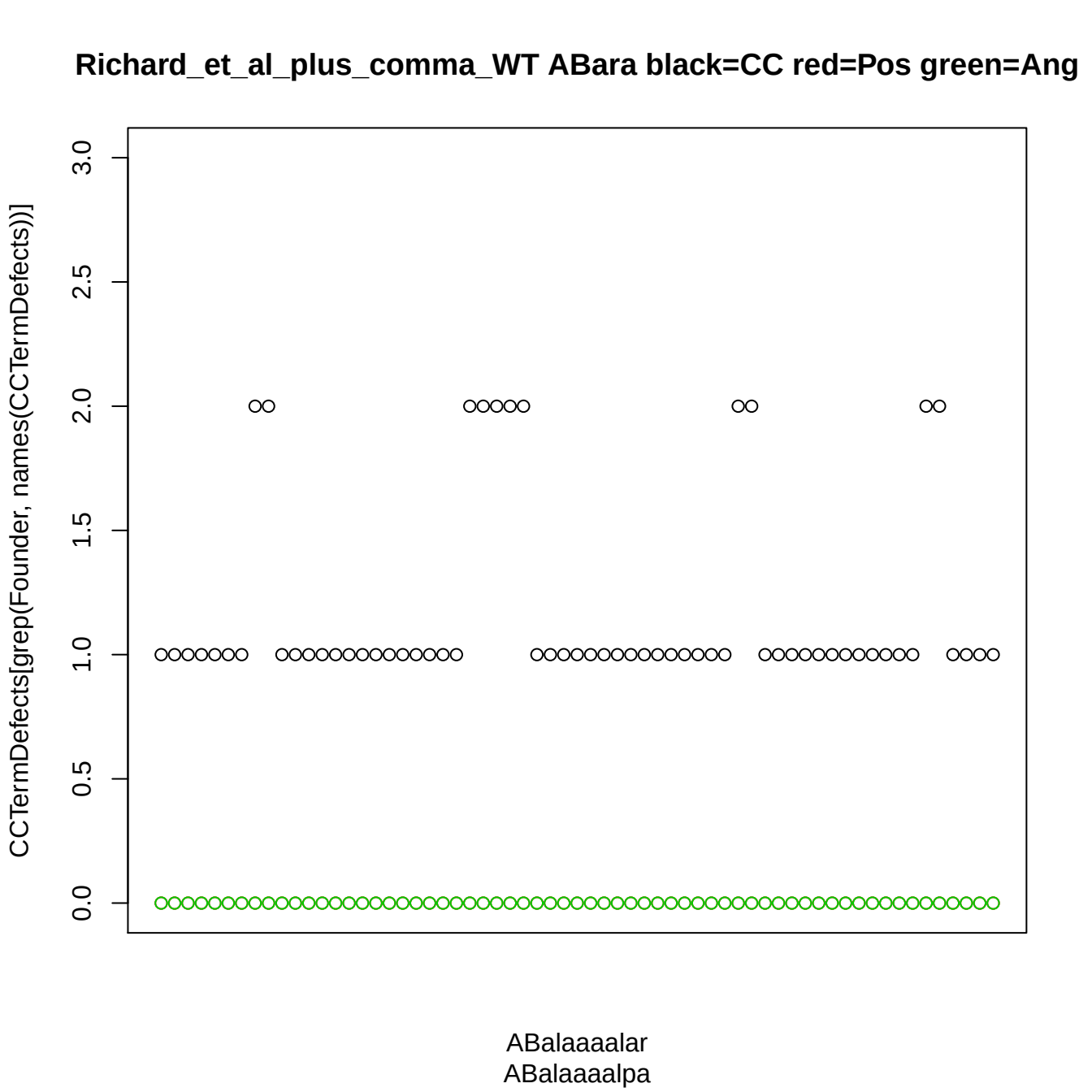

Richard_et_al_plus_comma_WT ABalpa
AngTermDefects[grep(Founder, names(CCTermDefects))]
1.0
0.5
0.0
−0.5
−1.0
0
5
10
15
20
25
30
Index

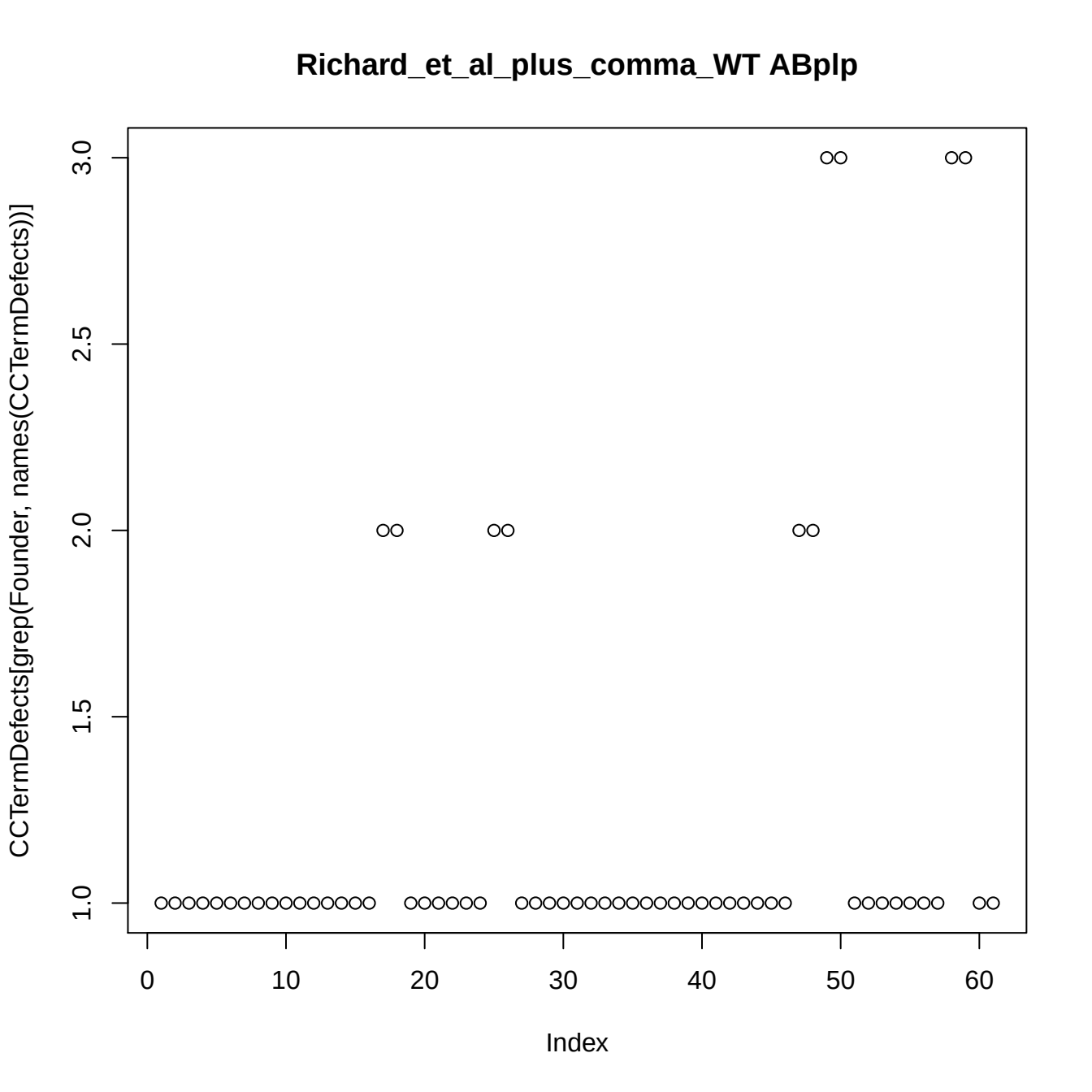

Richard_et_al_plus_comma_WT ABalpa black=CC red=Pos green=Ang
CCTermDefects[grep(Founder, names(CCTermDefects))]
0.0
0.5
1.0
1.5
2.0
2.5
3.0
ABalaaaalar
ABalaaaalpa

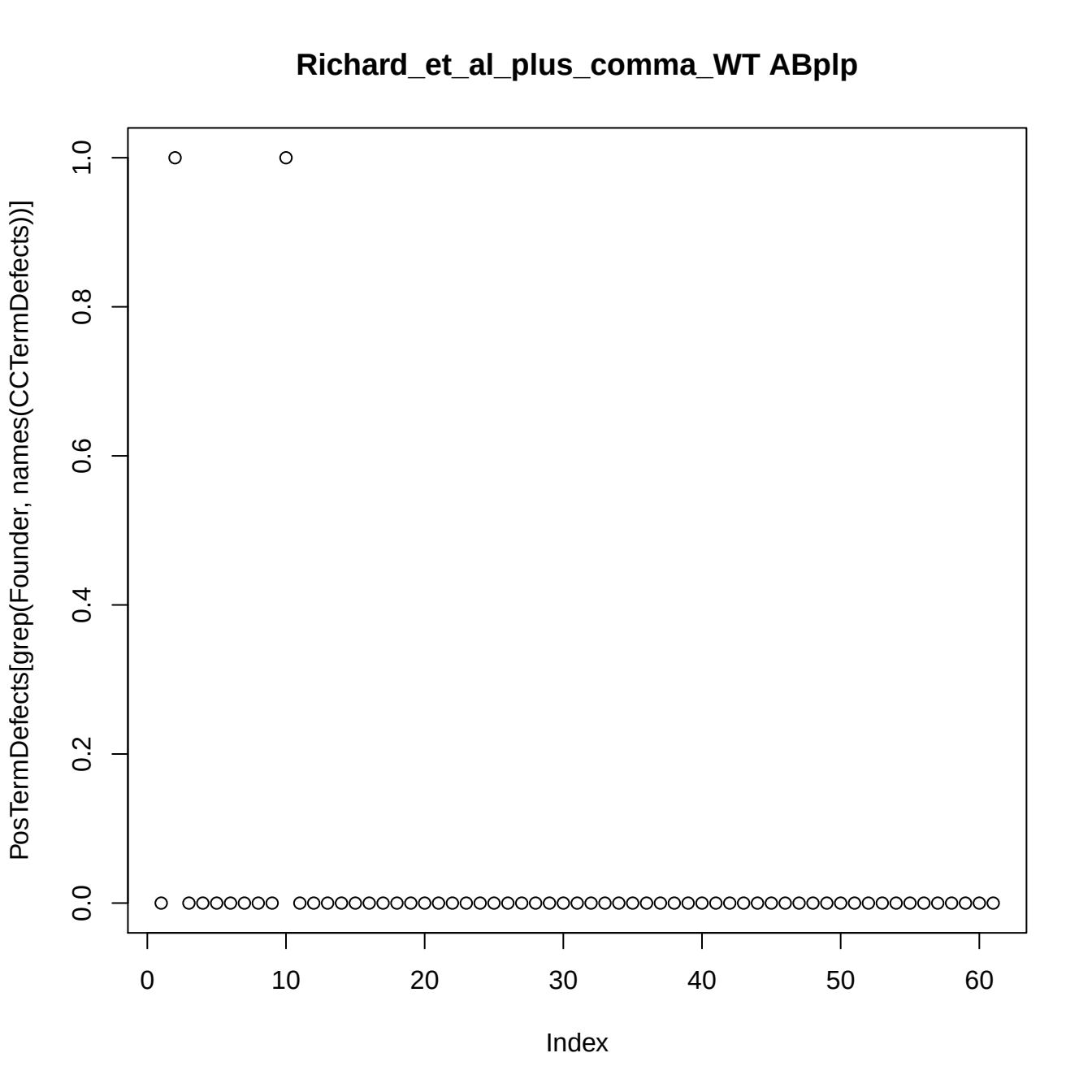

Richard_et_al_plus_comma_WT ABara
CCTermDefects[grep(Founder, names(CCTermDefects))]
2.0
1.8
1.6
1.4
1.2
1.0
0
10
20
30
40
50
60
Index


Richard_et_al_plus_comma_WT ABara
PosTermDefects[grep(Founder, names(CCTermDefects))]
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
60
Index


Richard_et_al_plus_comma_WT ABara
AngTermDefects[grep(Founder, names(CCTermDefects))]
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
60
Index


Richard_et_al_plus_comma_WT ABara black=CC red=Pos green=Ang
CCTermDefects[grep(Founder, names(CCTermDefects))]
0.0
0.5
1.0
1.5
2.0
2.5
3.0
ABalaaaalar
ABalaaaalpa


Richard_et_al_plus_comma_WT ABplp
CCTermDefects[grep(Founder, names(CCTermDefects))]
1.0
1.5
2.0
2.5
3.0
0
10
20
30
40
50
60
Index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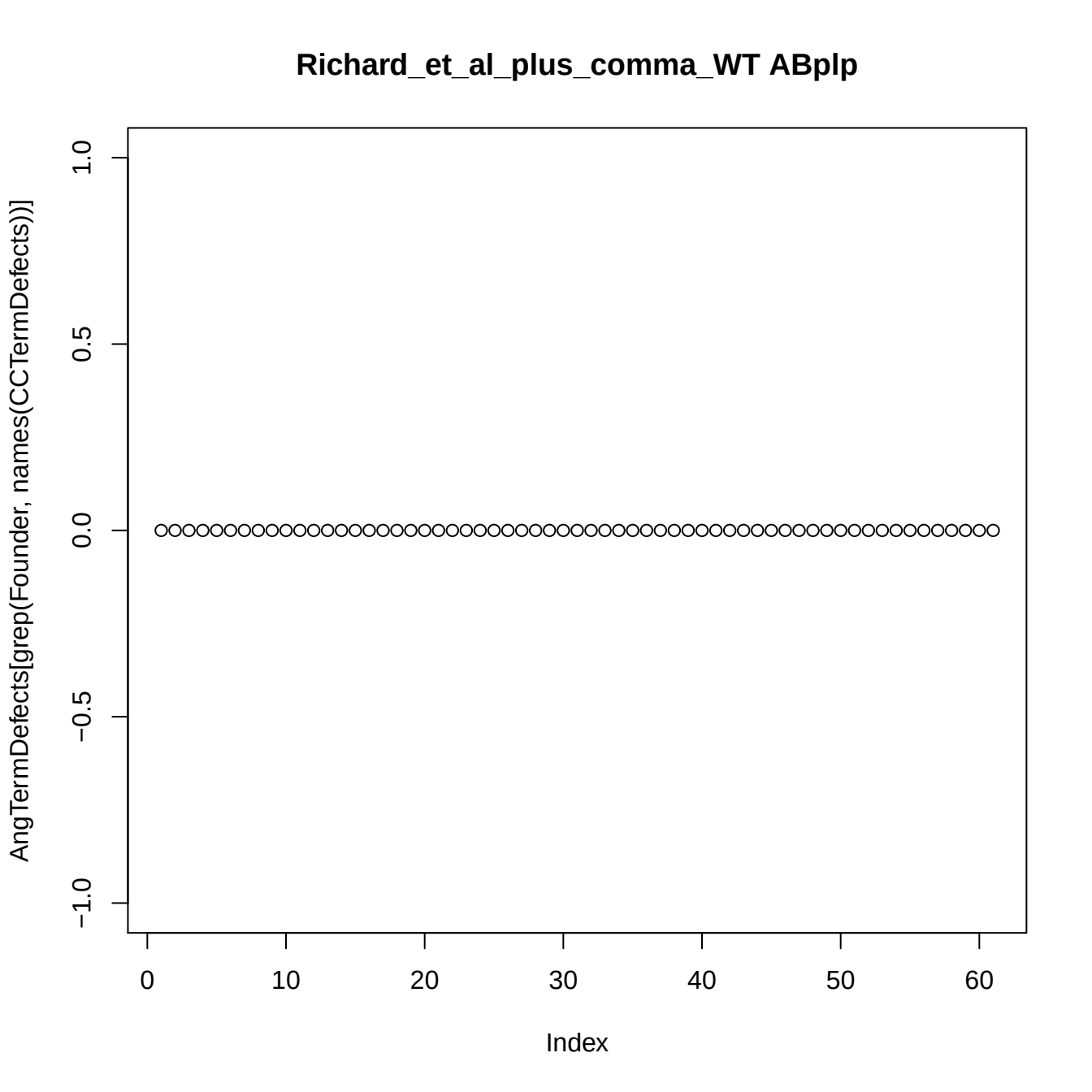
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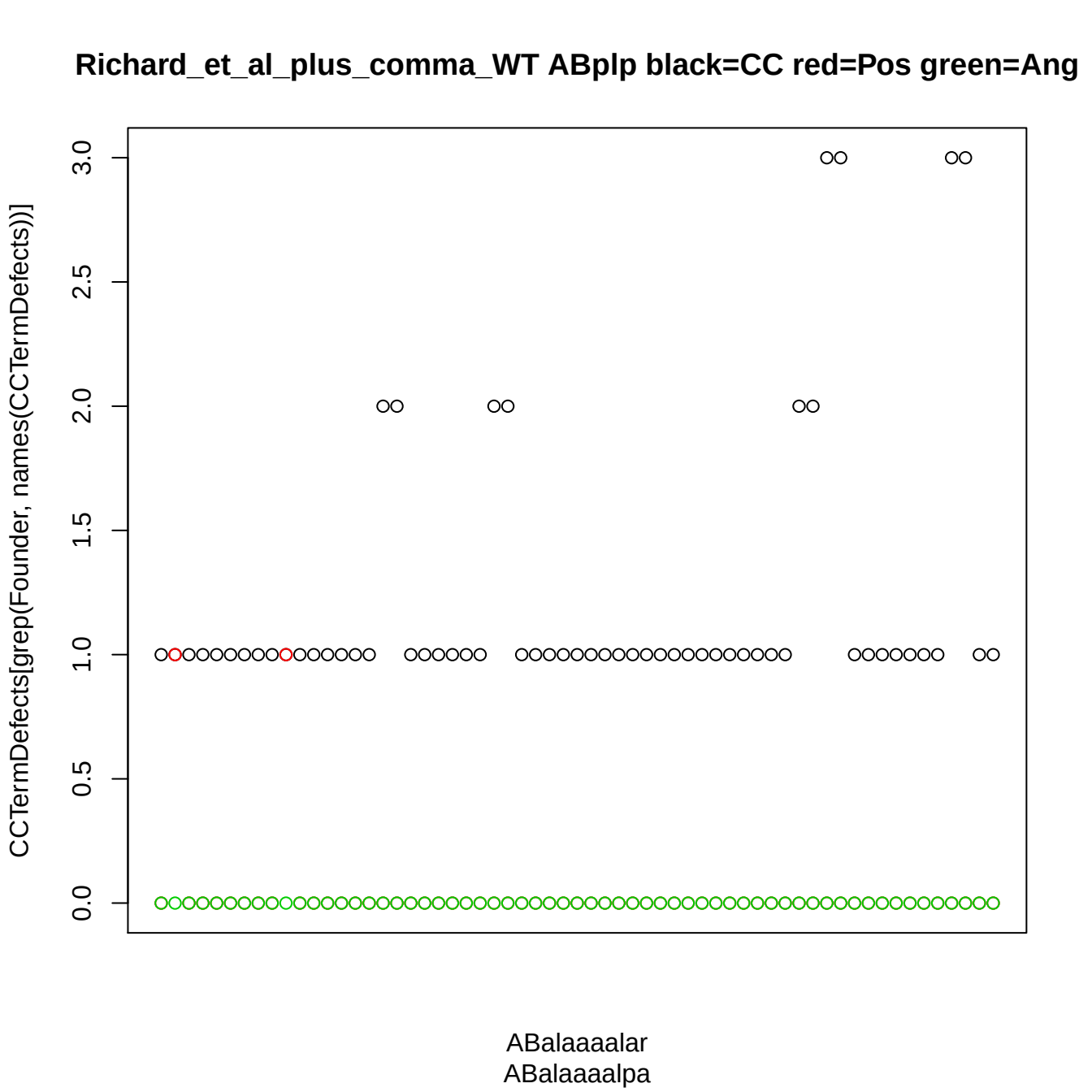
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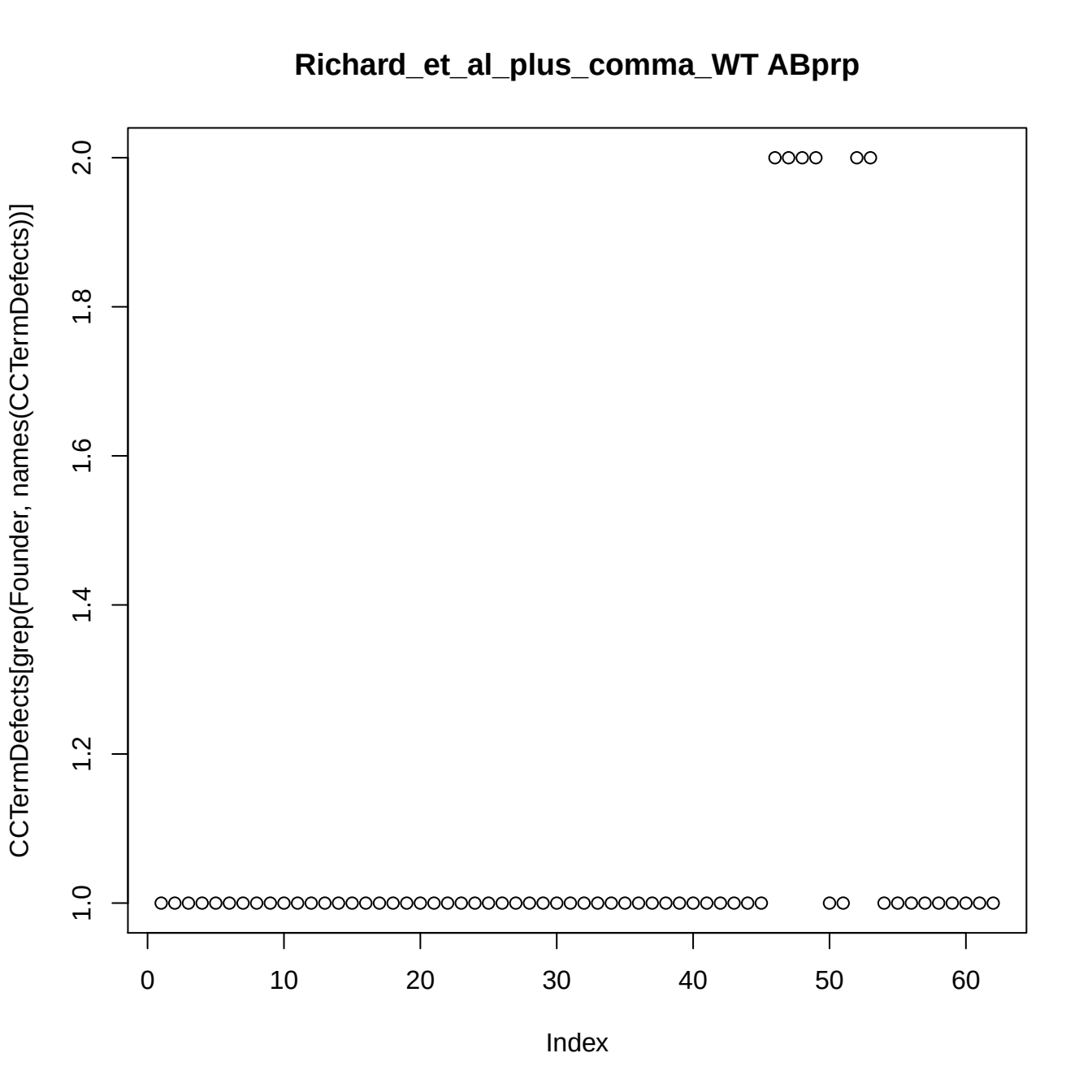
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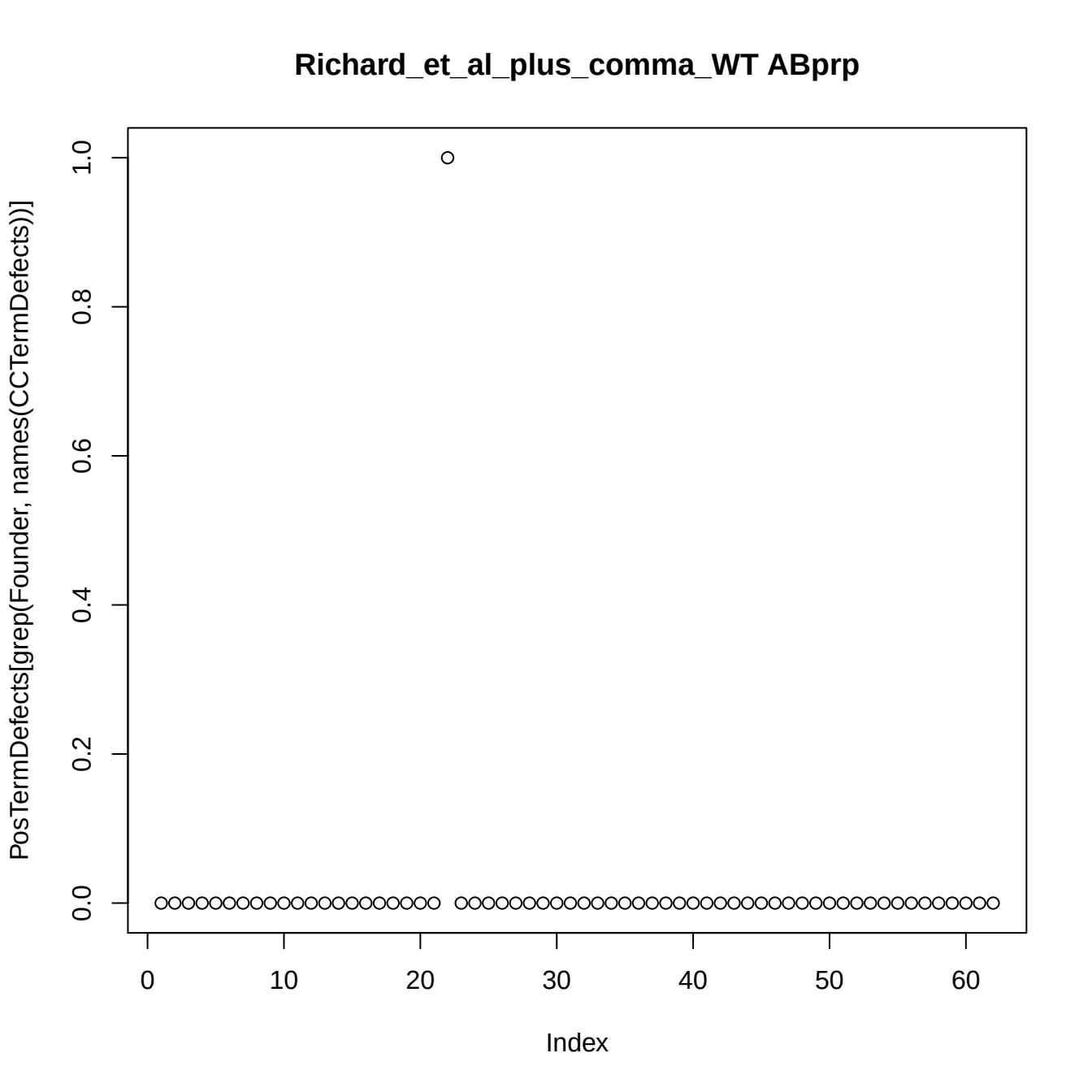
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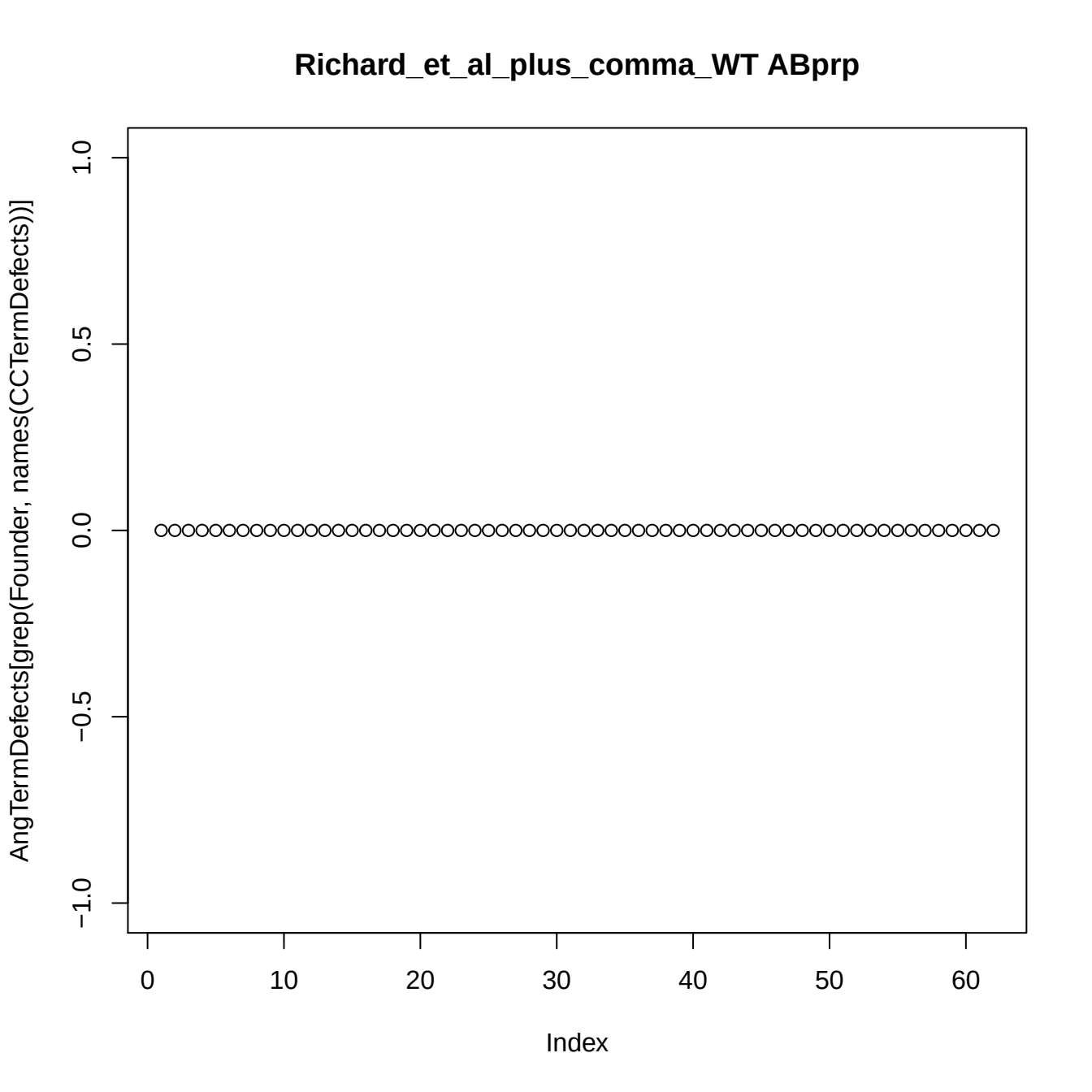
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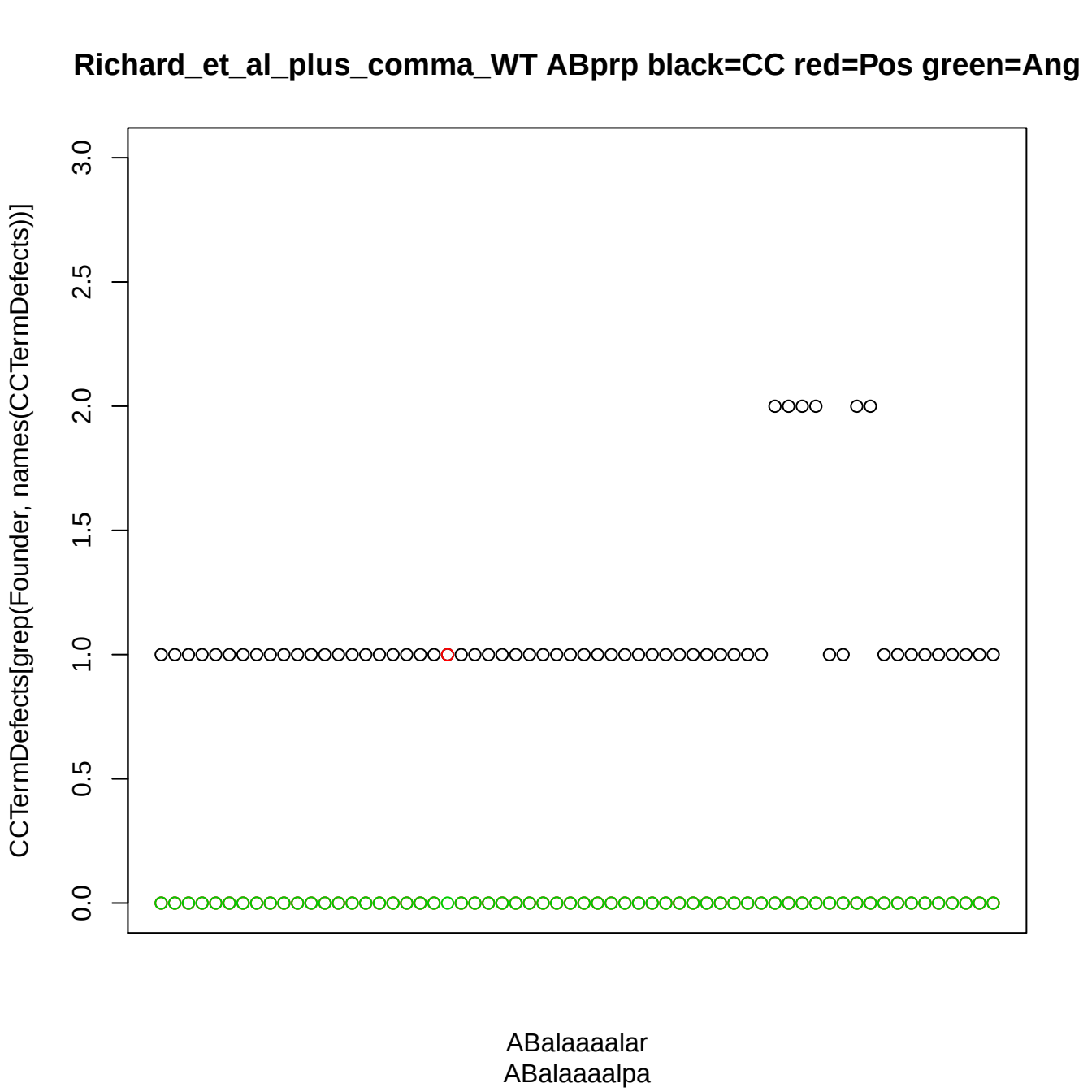
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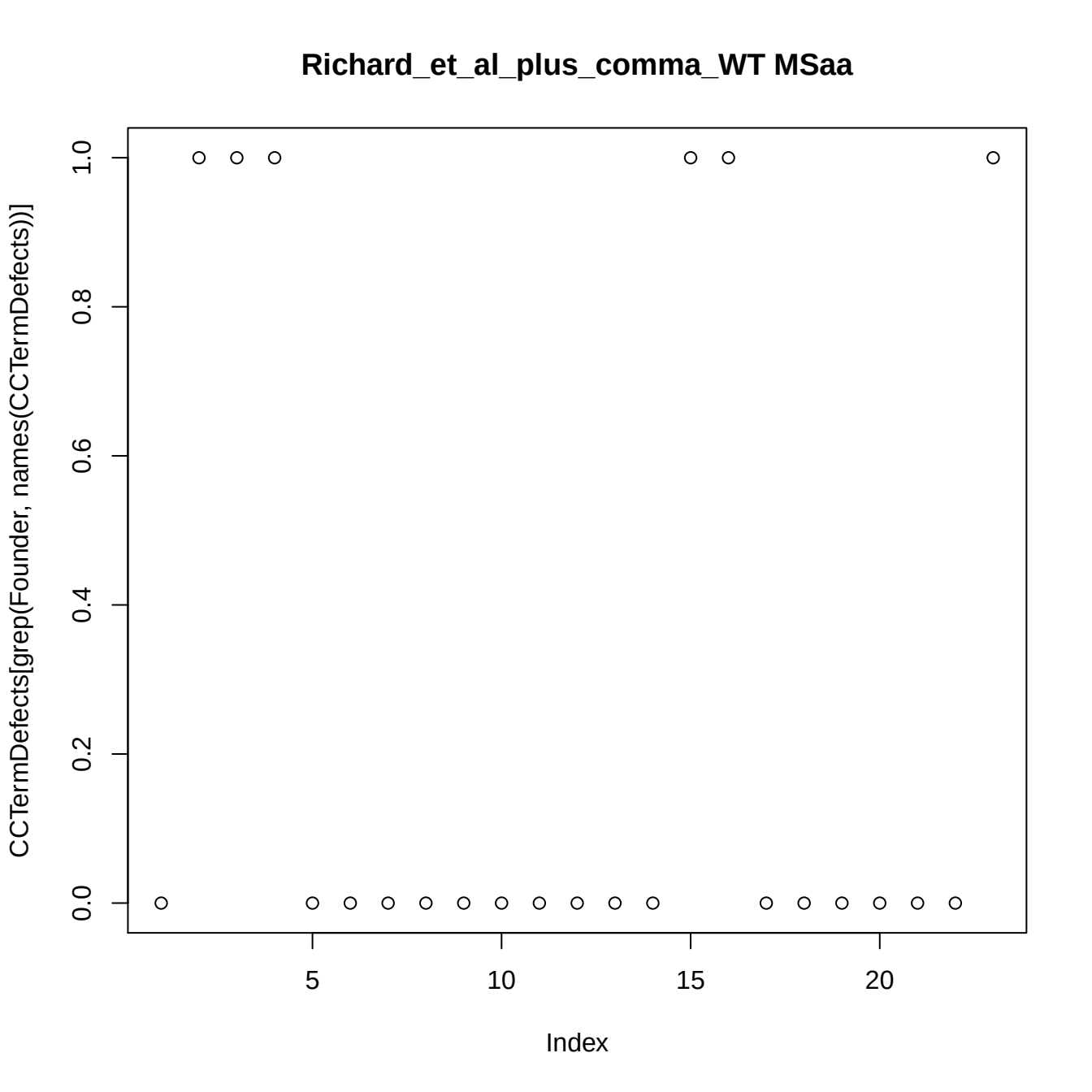
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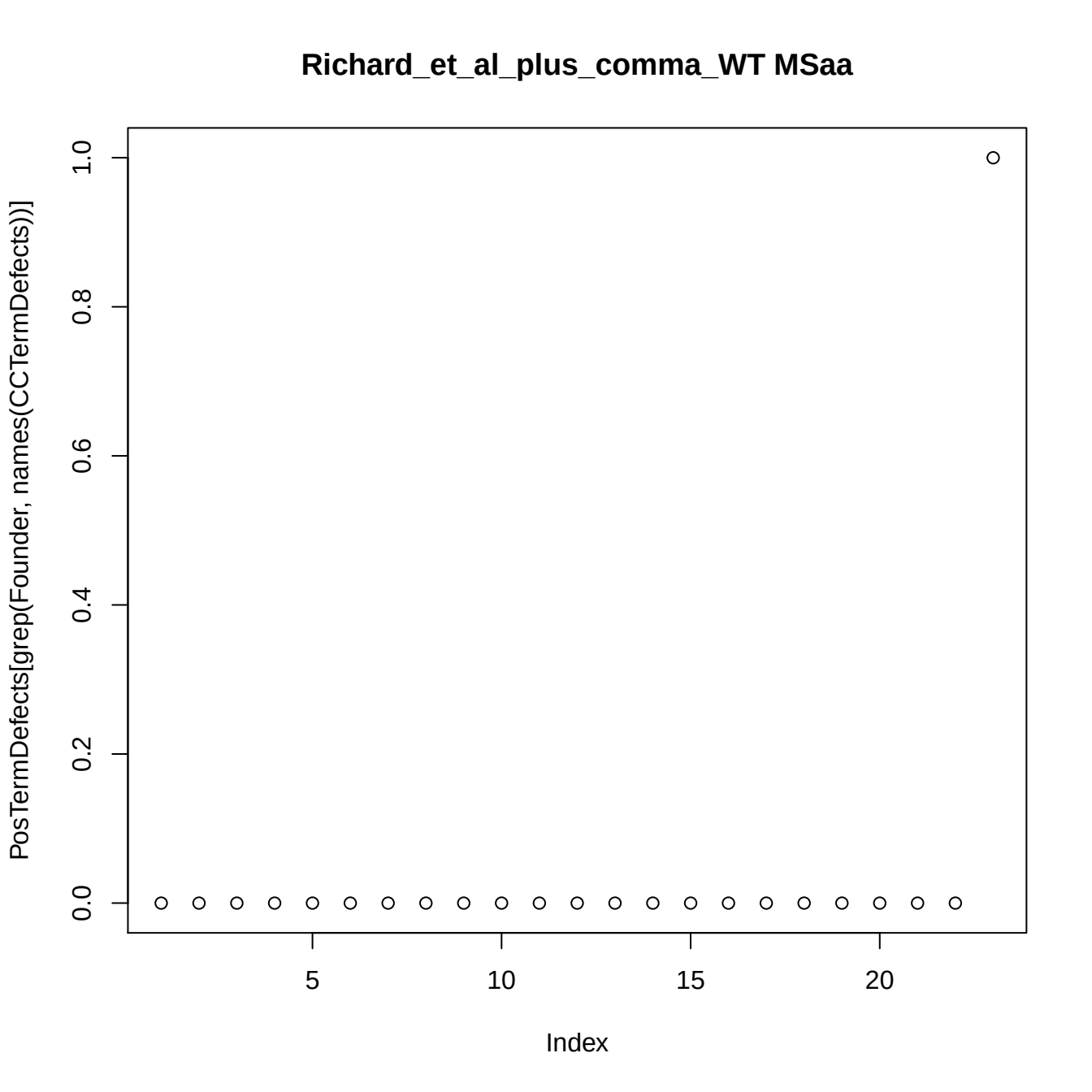
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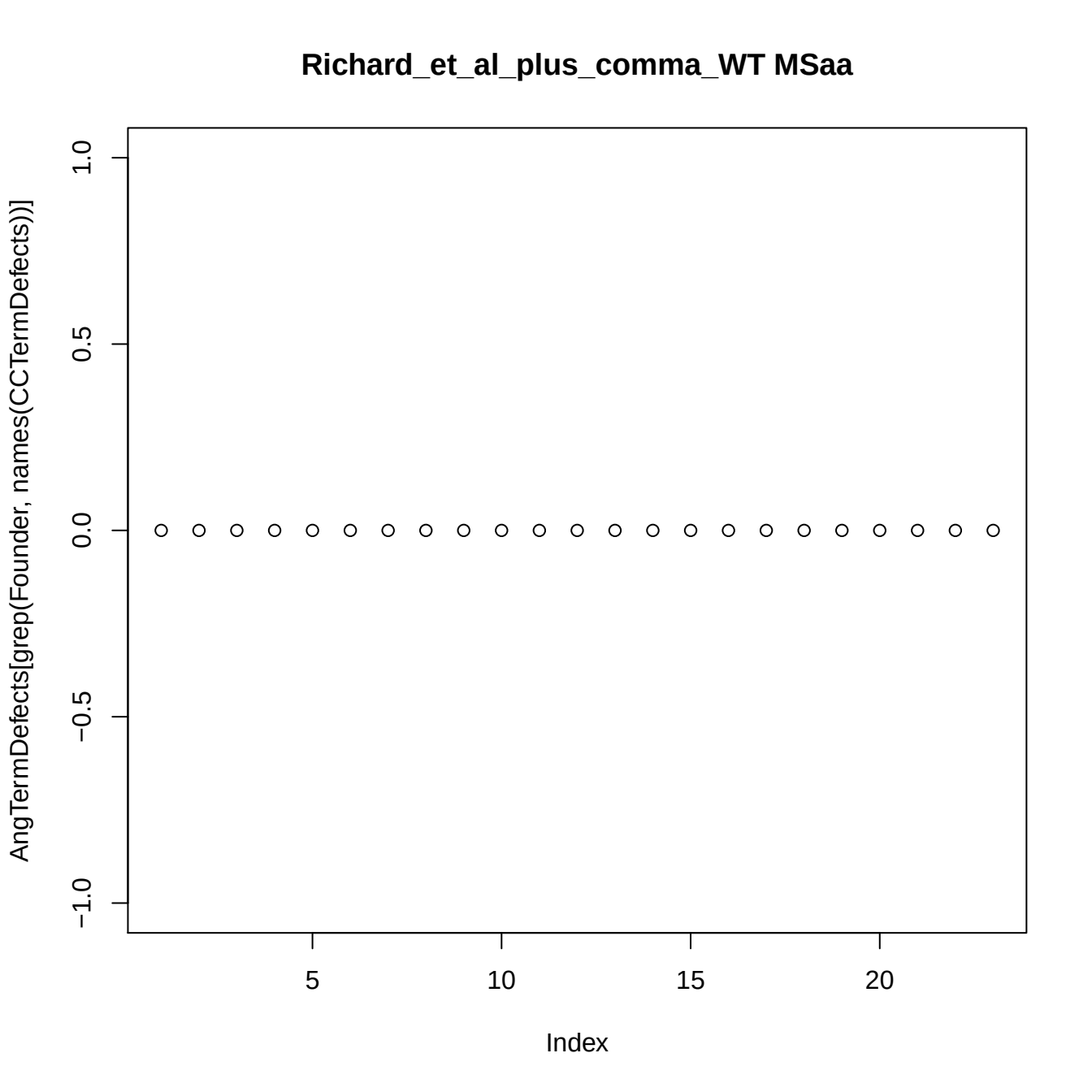
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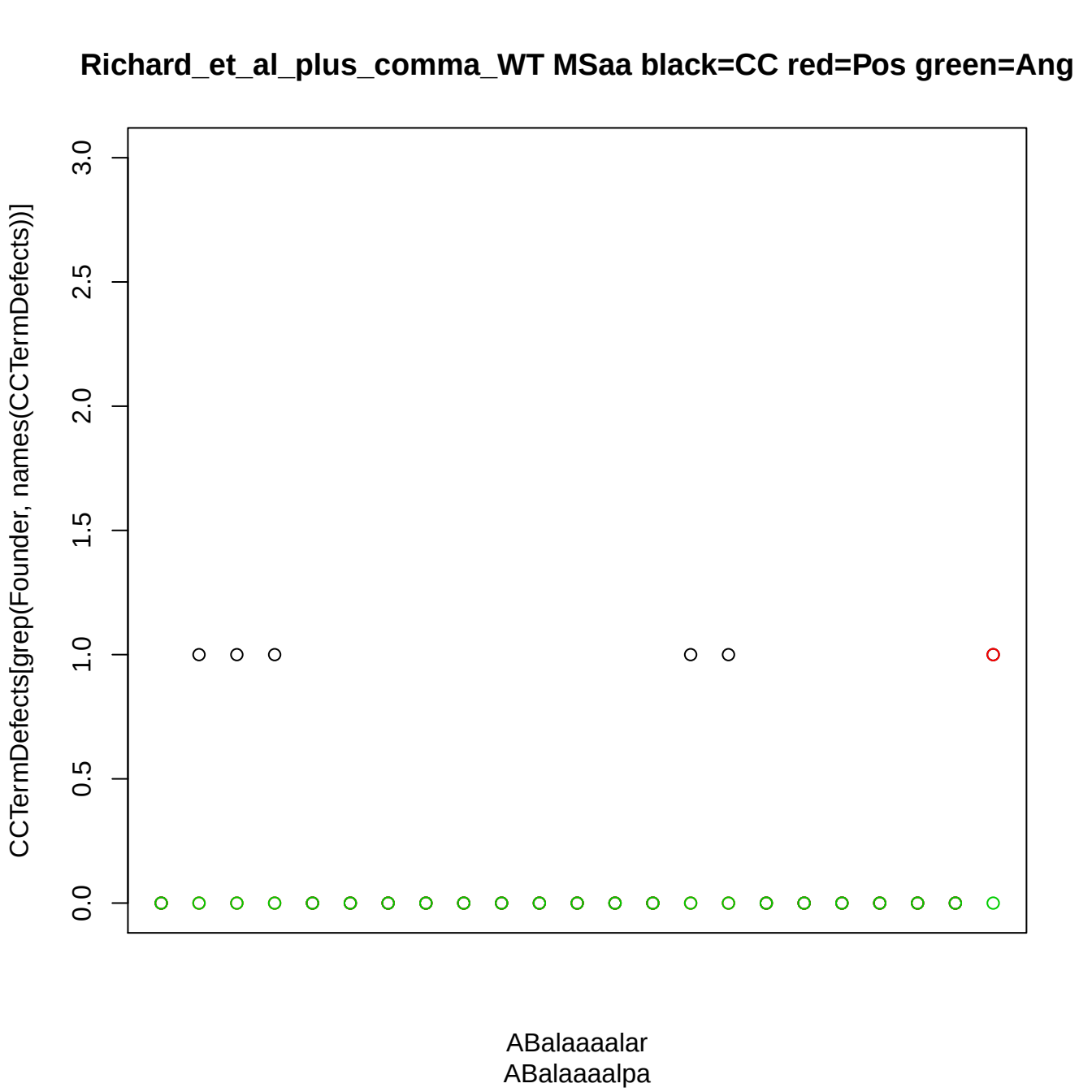
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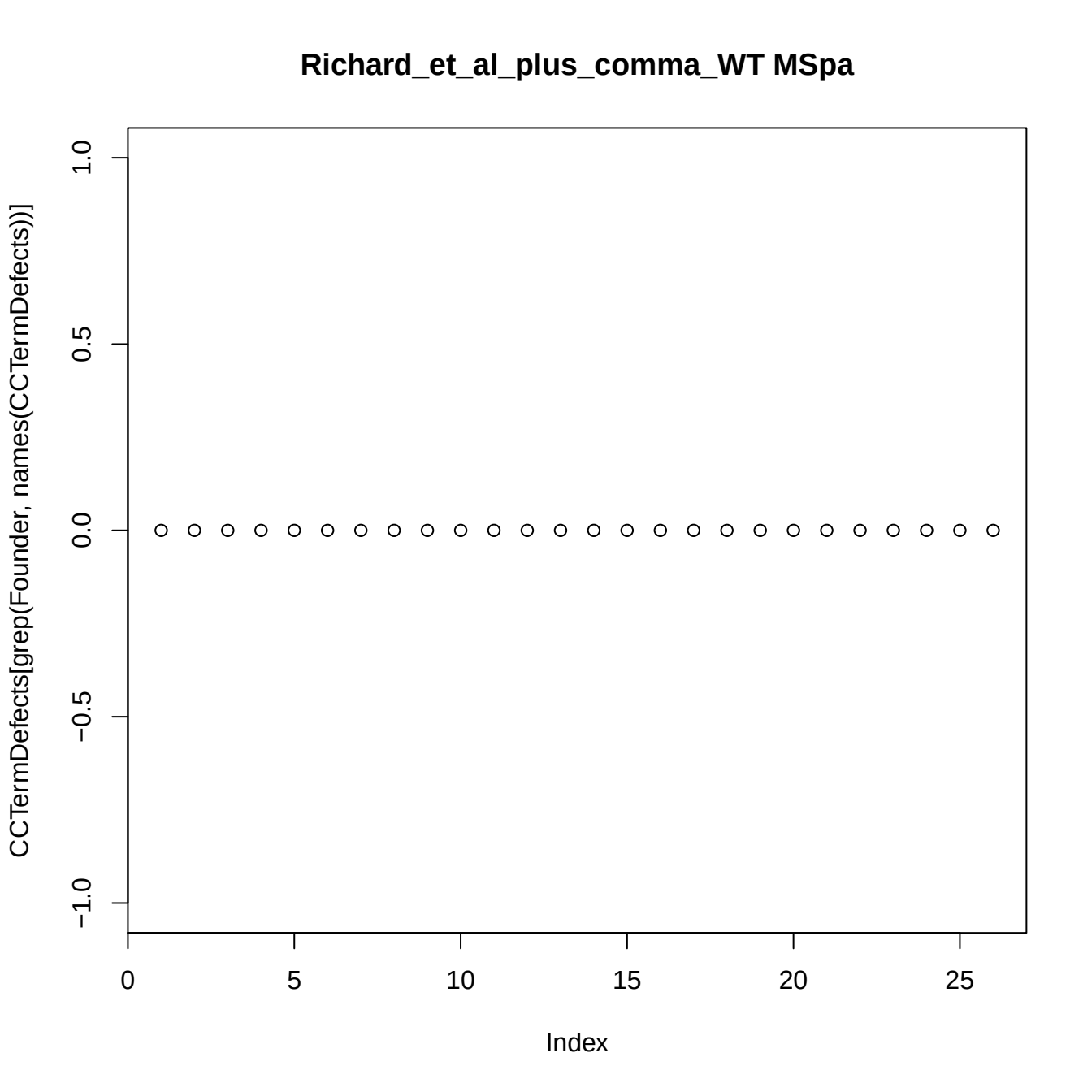
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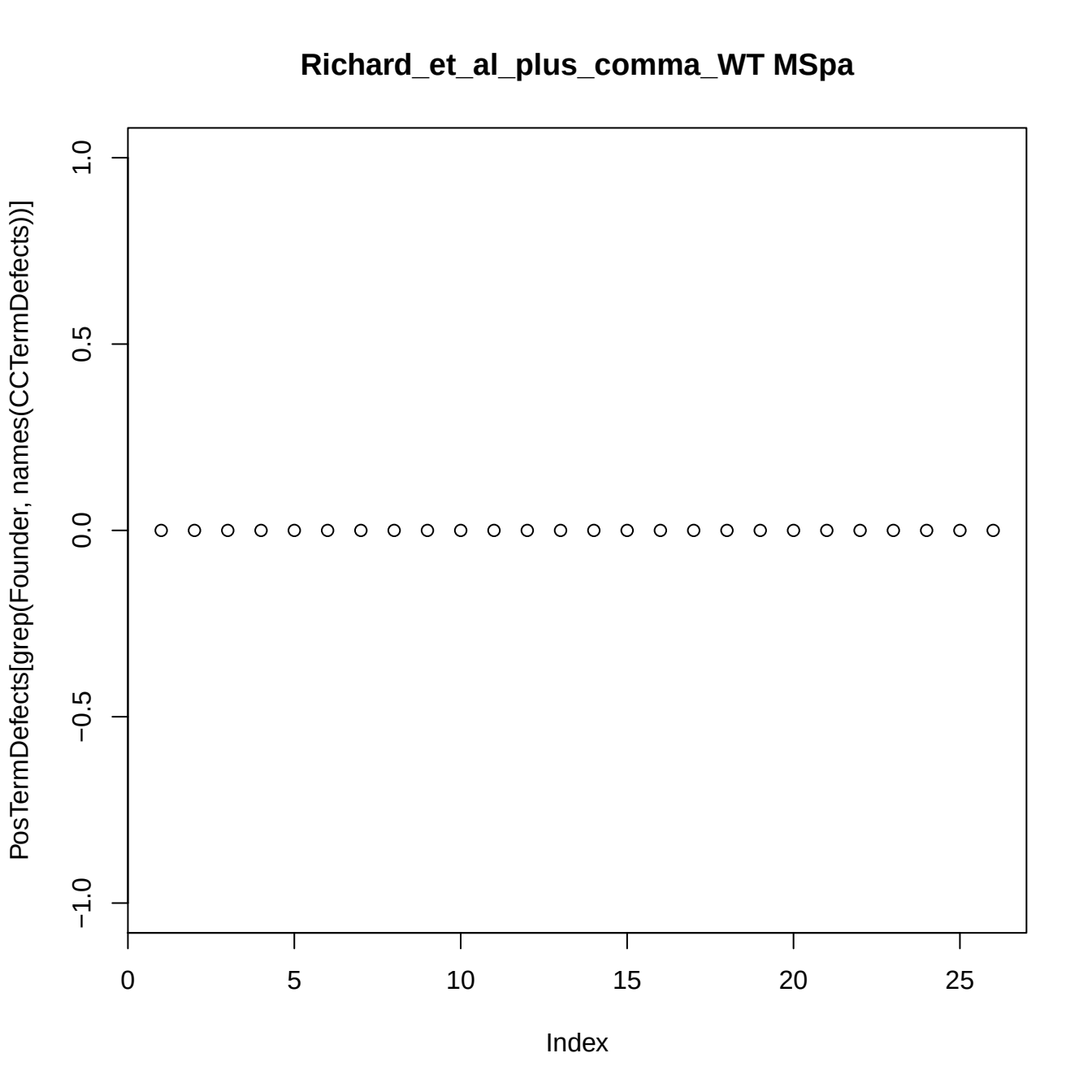
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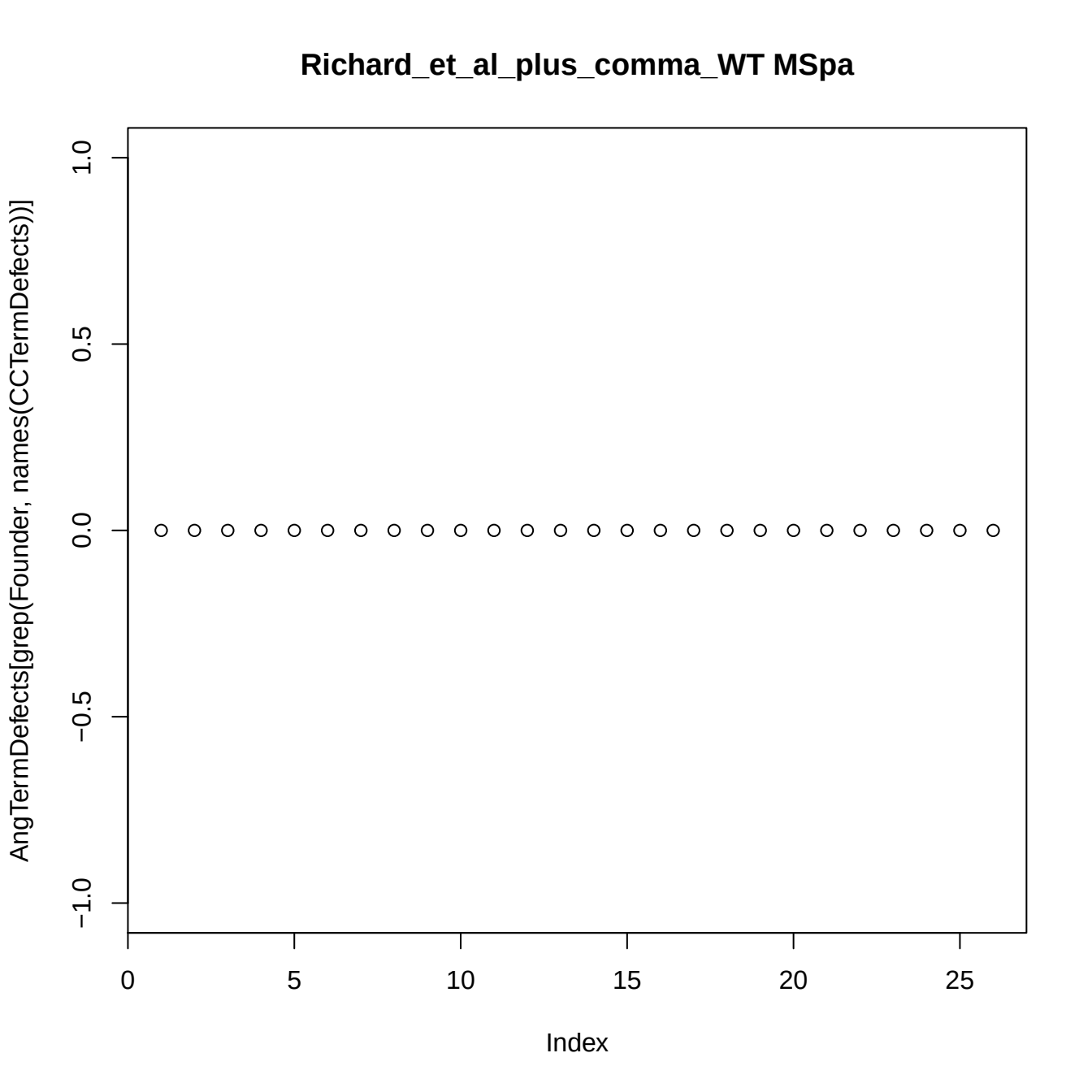
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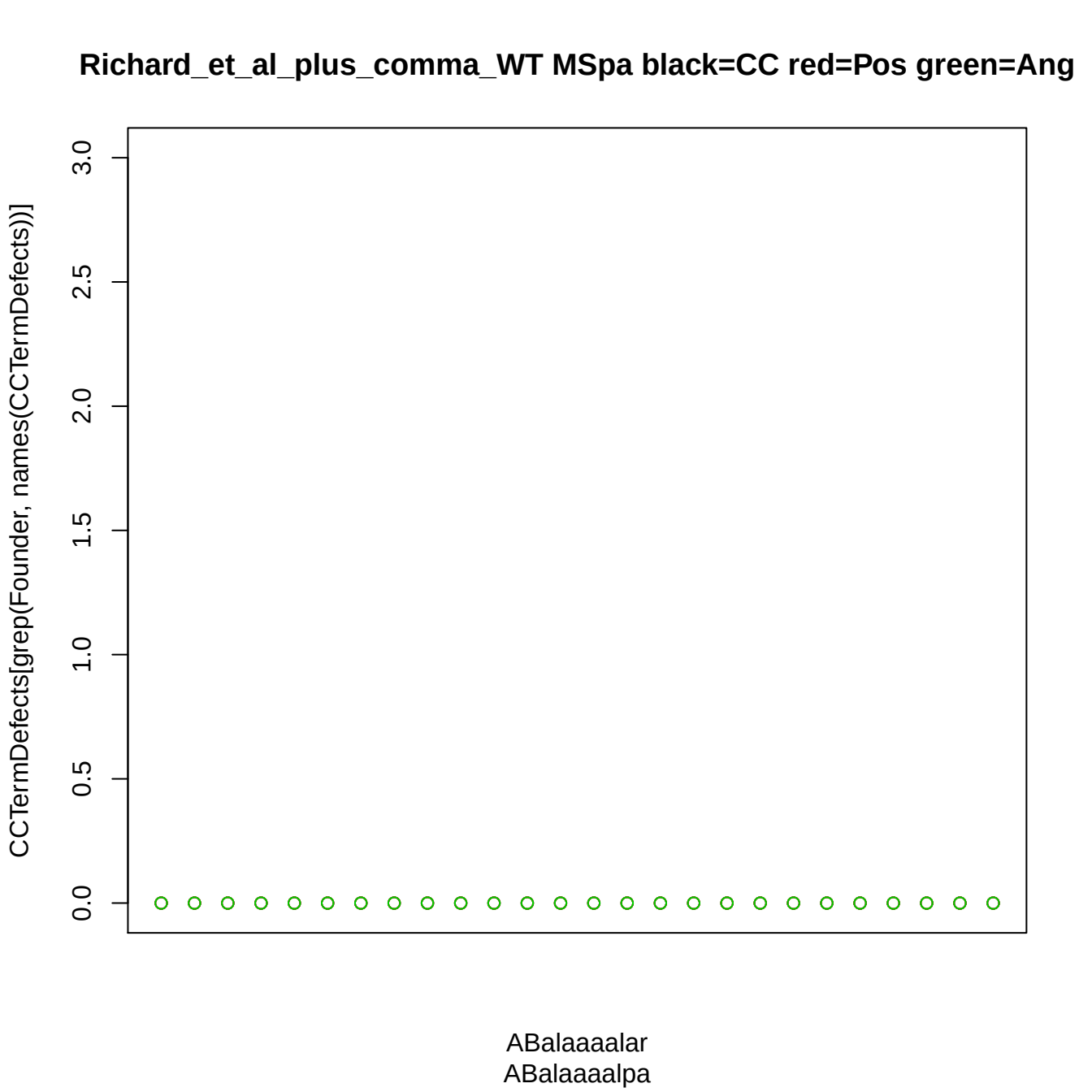
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