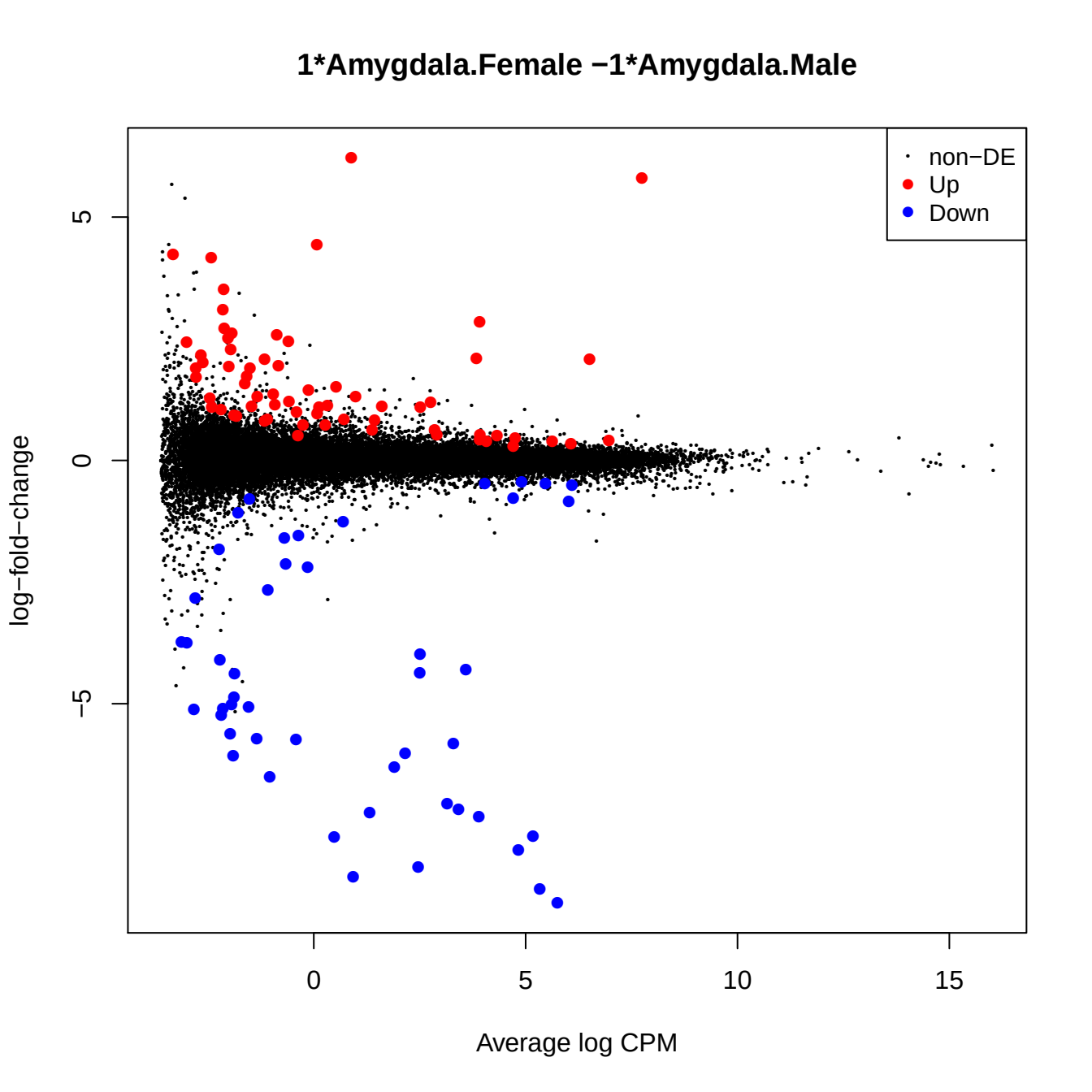
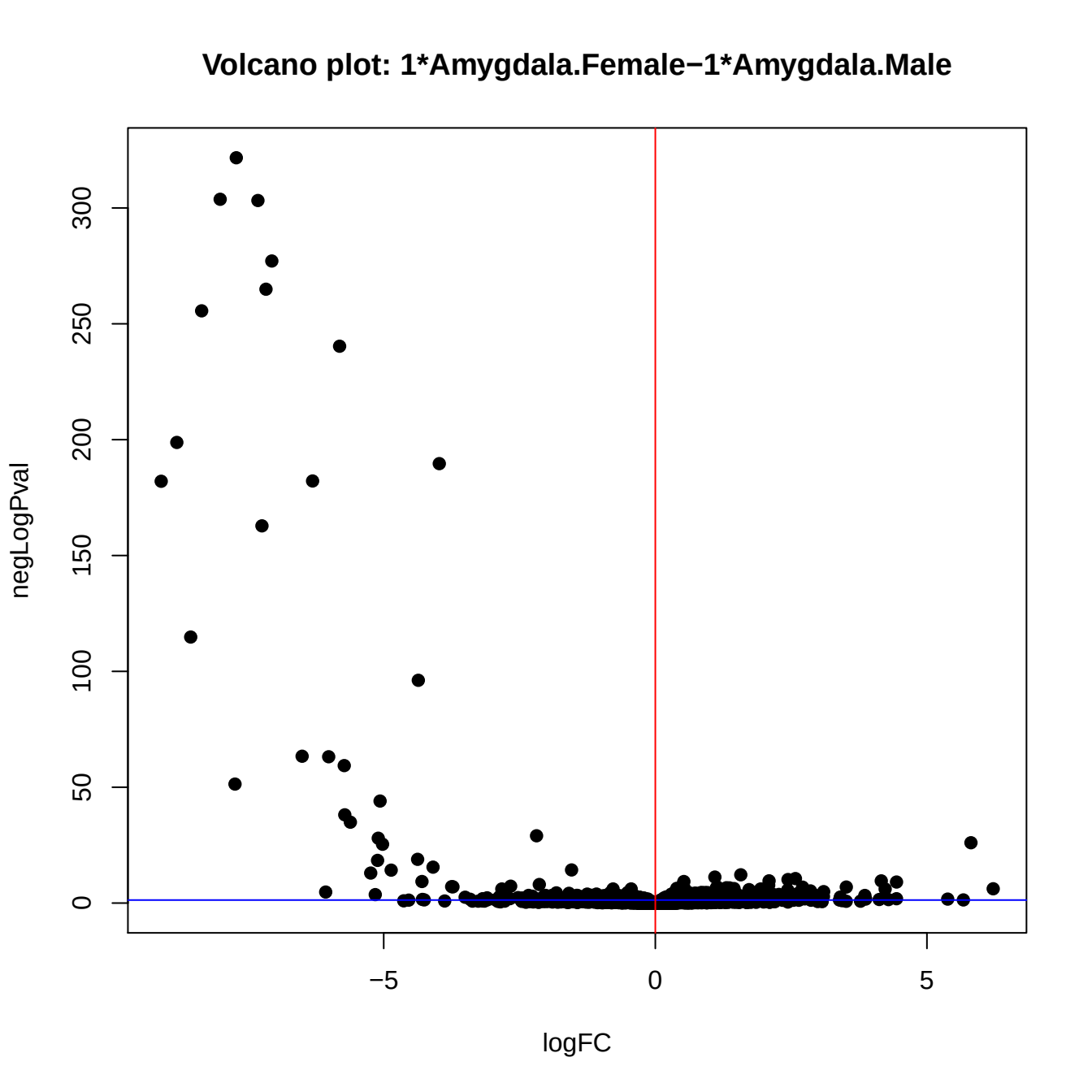
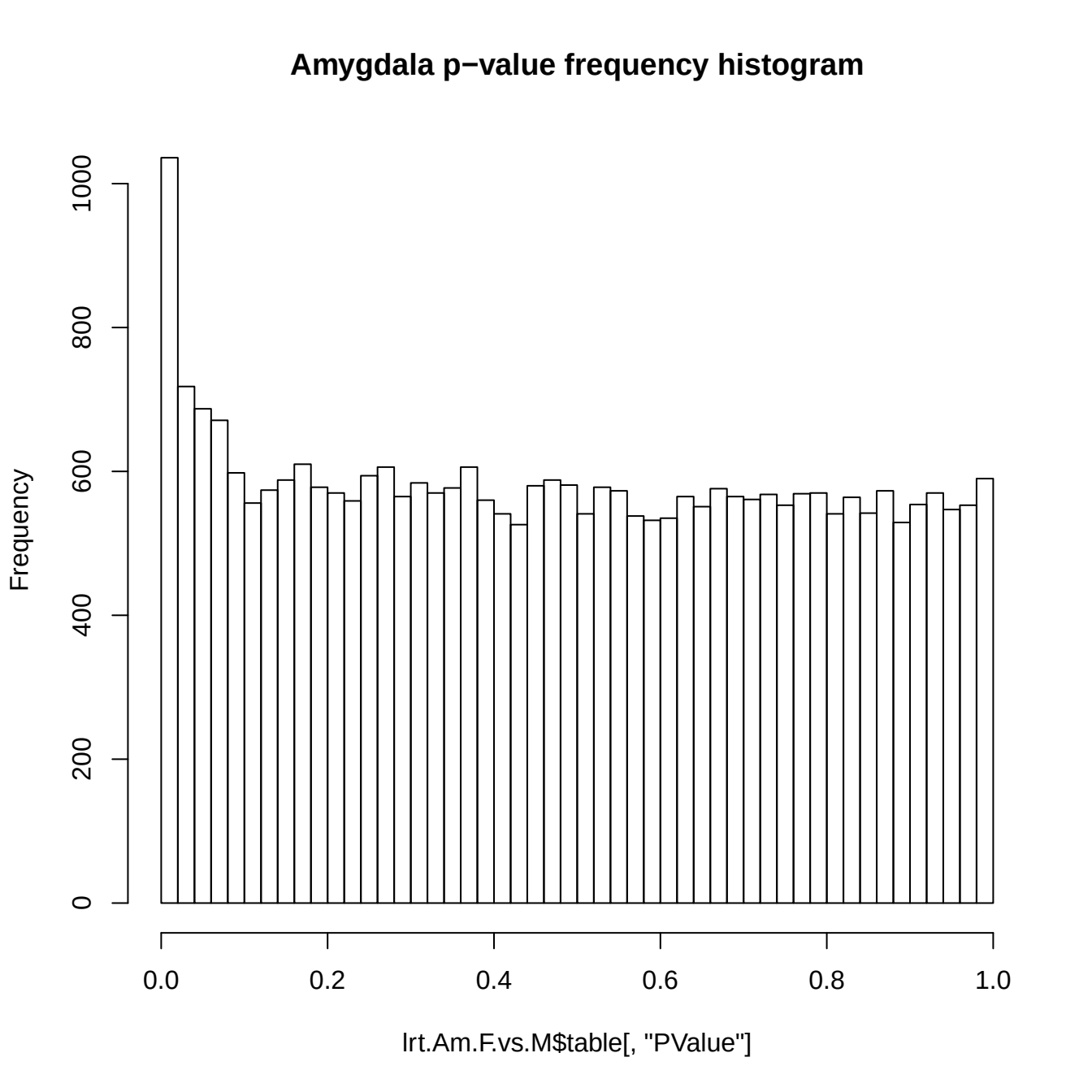
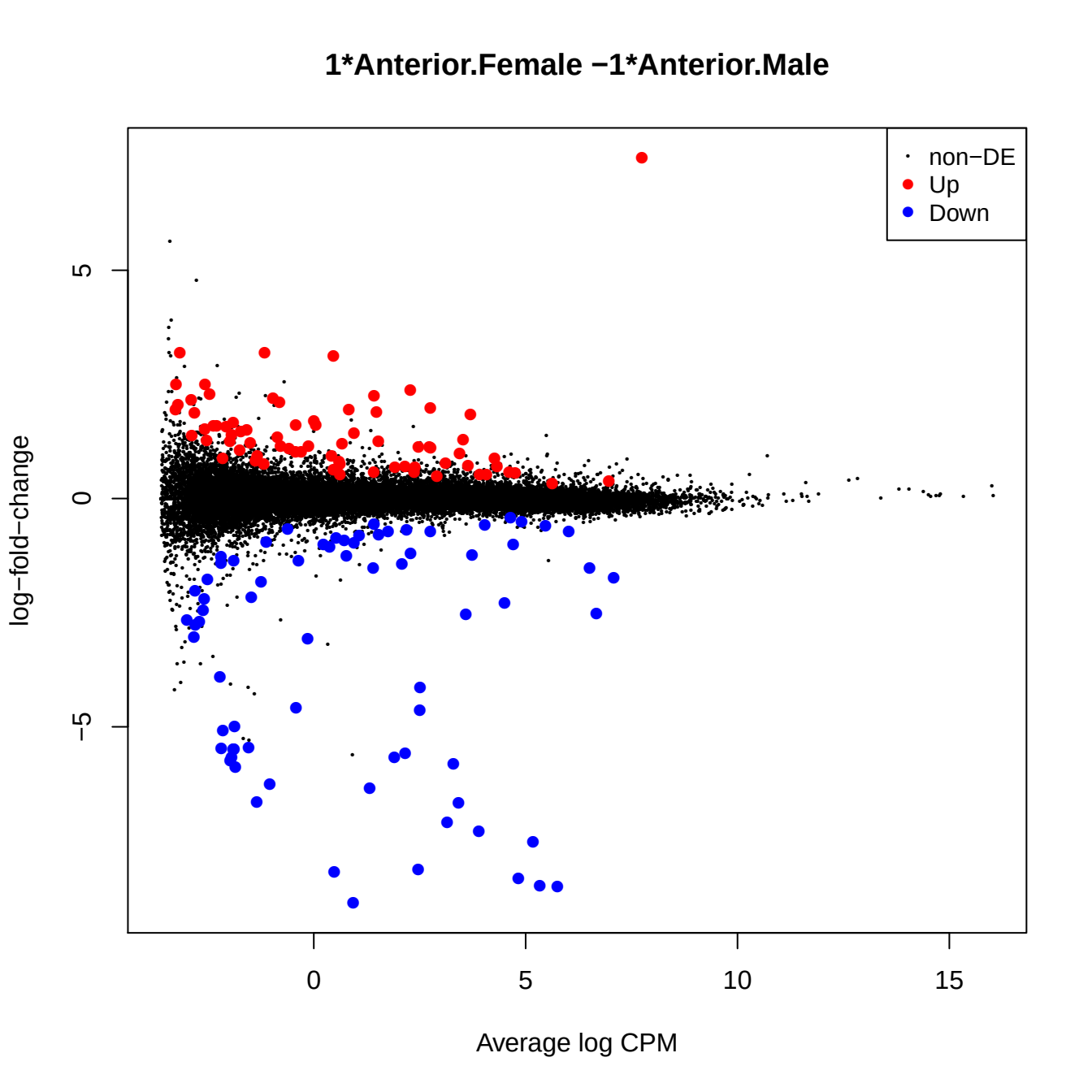
	1*Amygdala.Female −1*Amygdala.Male
Down	48
NotSig	29047
Up	66

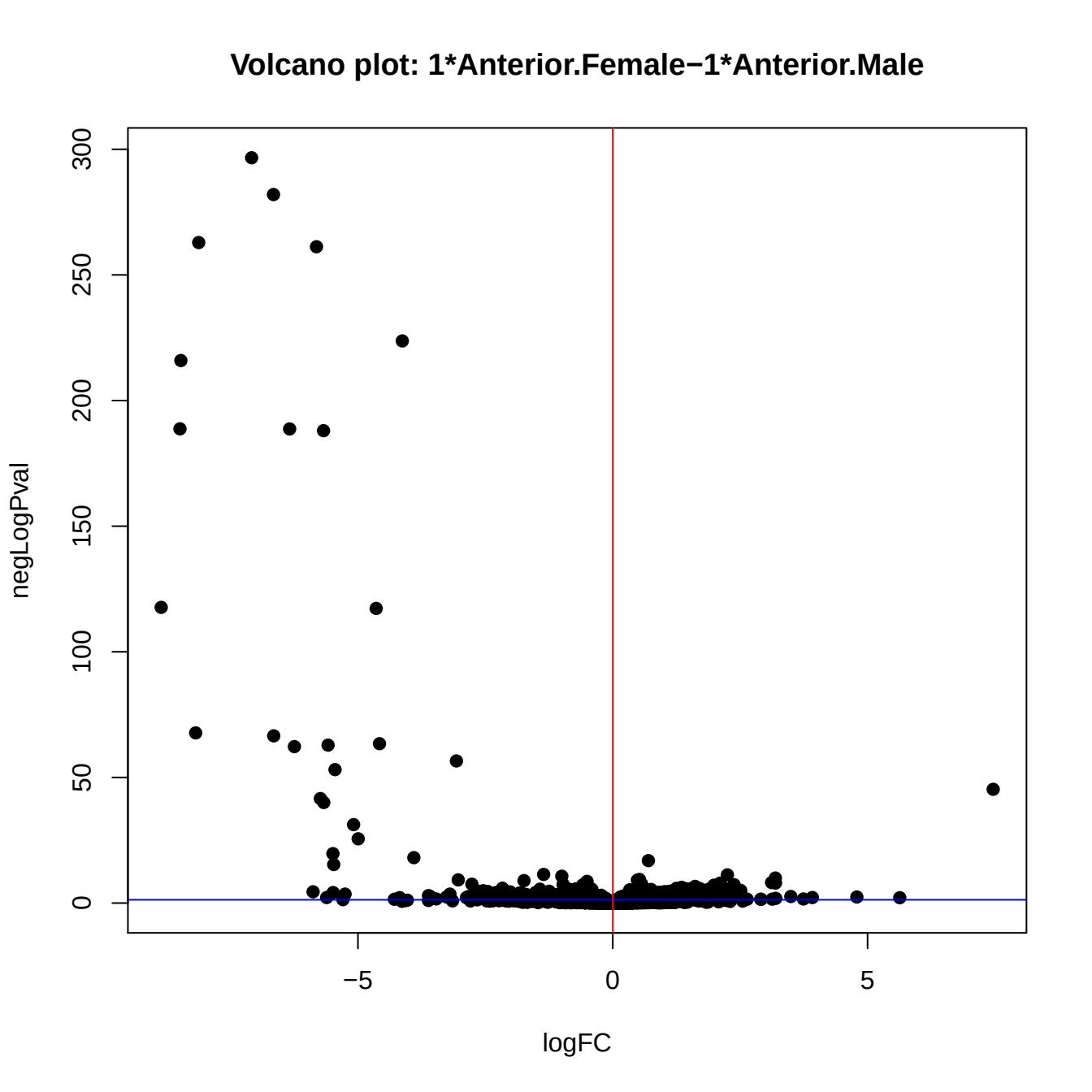

1*Amygdala.Female −1*Amygdala.Male
non−DE
Up
Down
log−fold−change
5
0
−5
0
5
10
15
Average log CPM

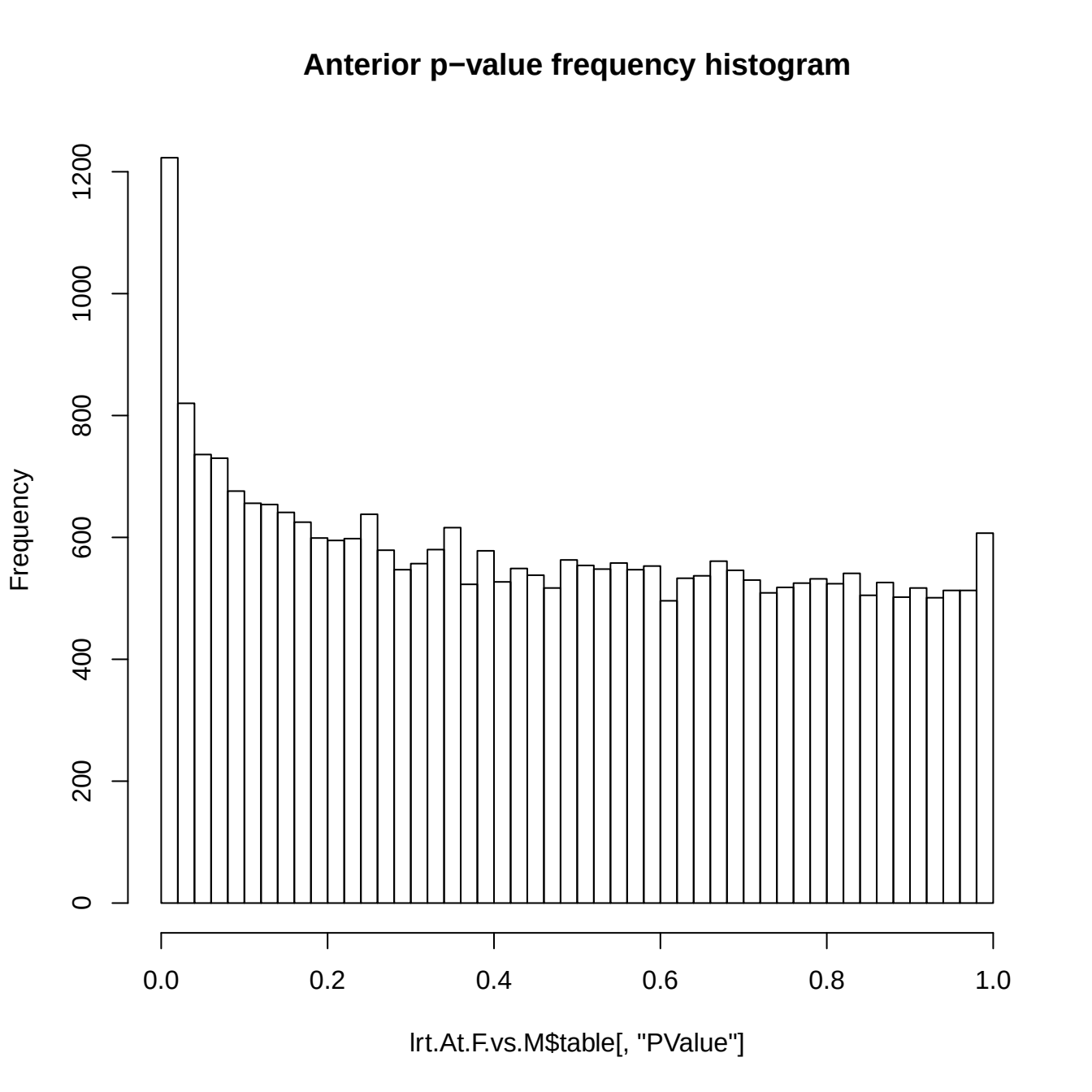

Volcano plot: 1*Amygdala.Female−1*Amygdala.Male
negLogPval
0
50
100
150
200
250
300
−5
0
5
logFC


Amygdala p−value frequency histogram
Frequency
0
200
400
600
800
1000
0.0
0.2
0.4
0.6
0.8
1.0
lrt.Am.F.vs.M$table[, "PValue"]

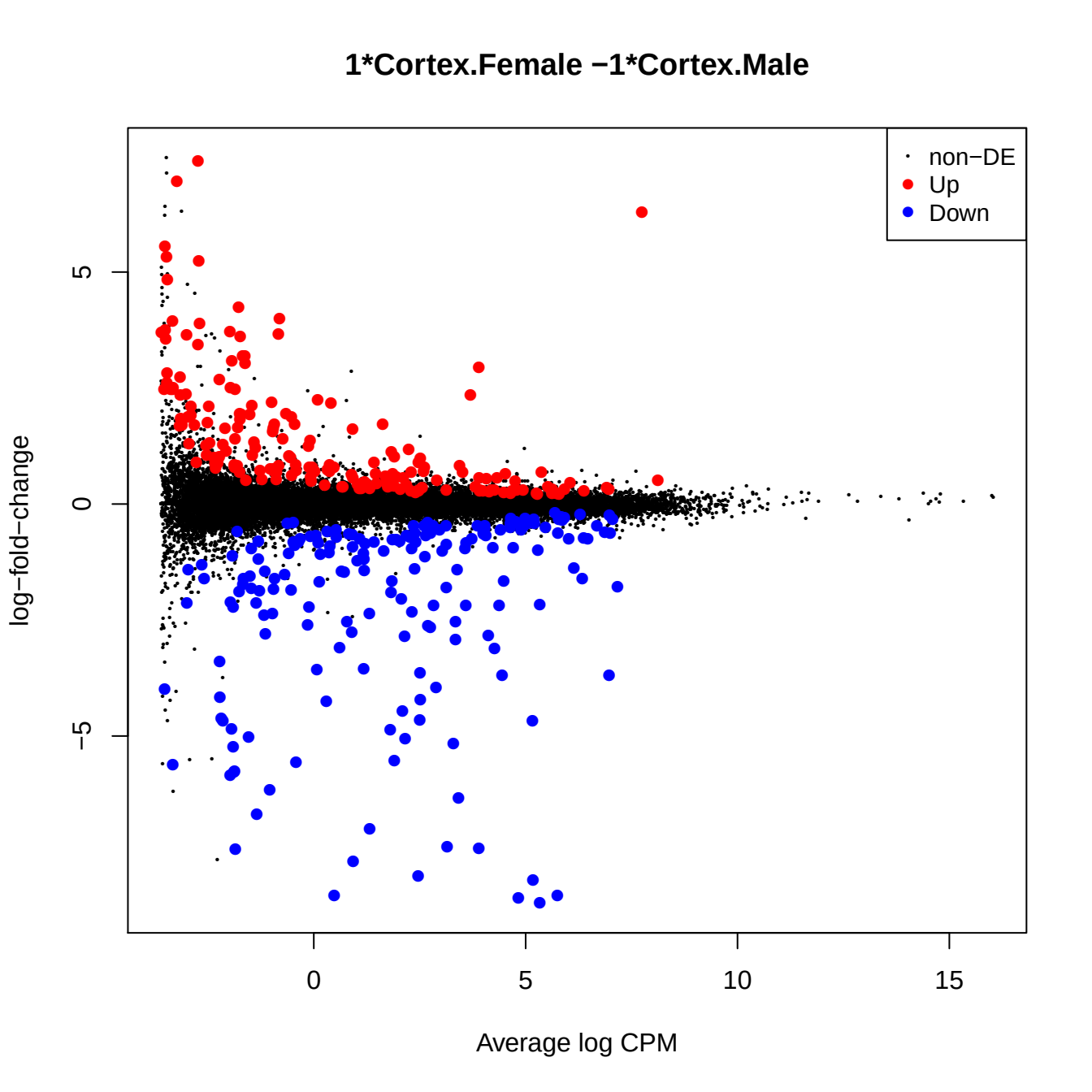
	1*Anterior.Female −1*Anterior.Male
Down	73
NotSig	29014
Up	74

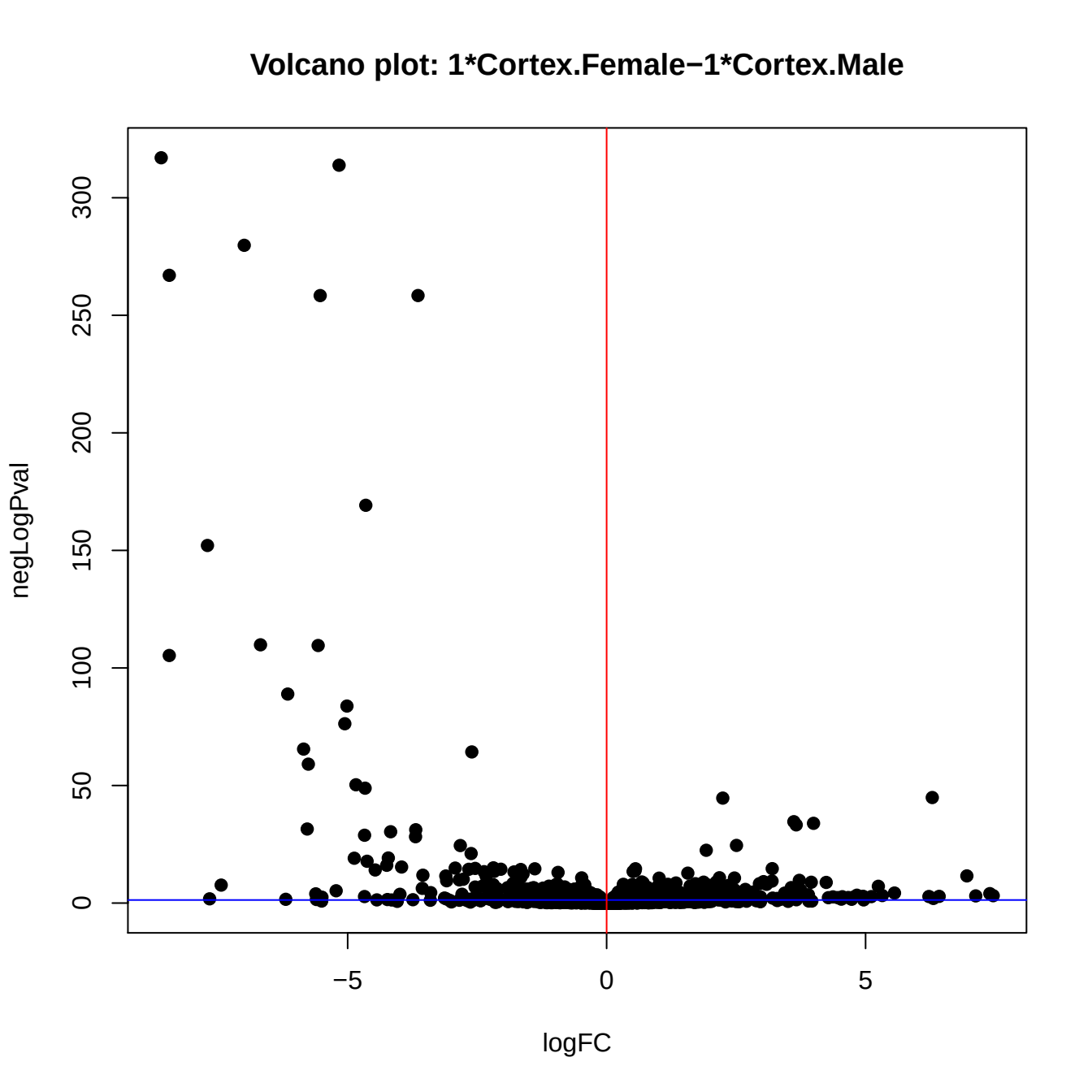

1*Anterior.Female −1*Anterior.Male
non−DE
Up
Down
log−fold−change
5
0
−5
0
5
10
15
Average log CPM

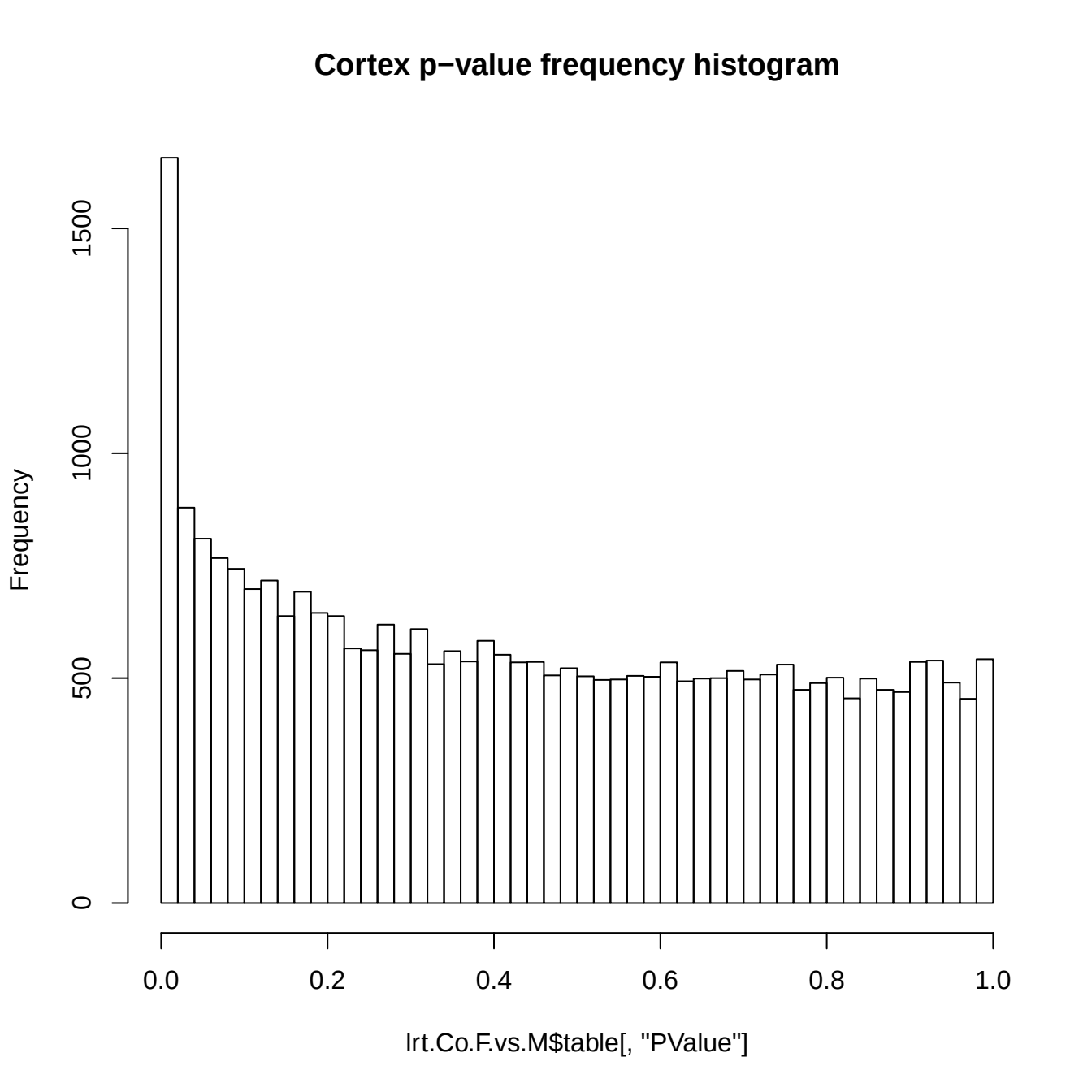

Volcano plot: 1*Anterior.Female−1*Anterior.Male
negLogPval
0
50
100
150
200
250
300
−5
0
5
logFC


Anterior p−value frequency histogram
Frequency
0
200
400
600
800
1000
1200
0.0
0.2
0.4
0.6
0.8
1.0
lrt.At.F.vs.M$table[, "PValue"]

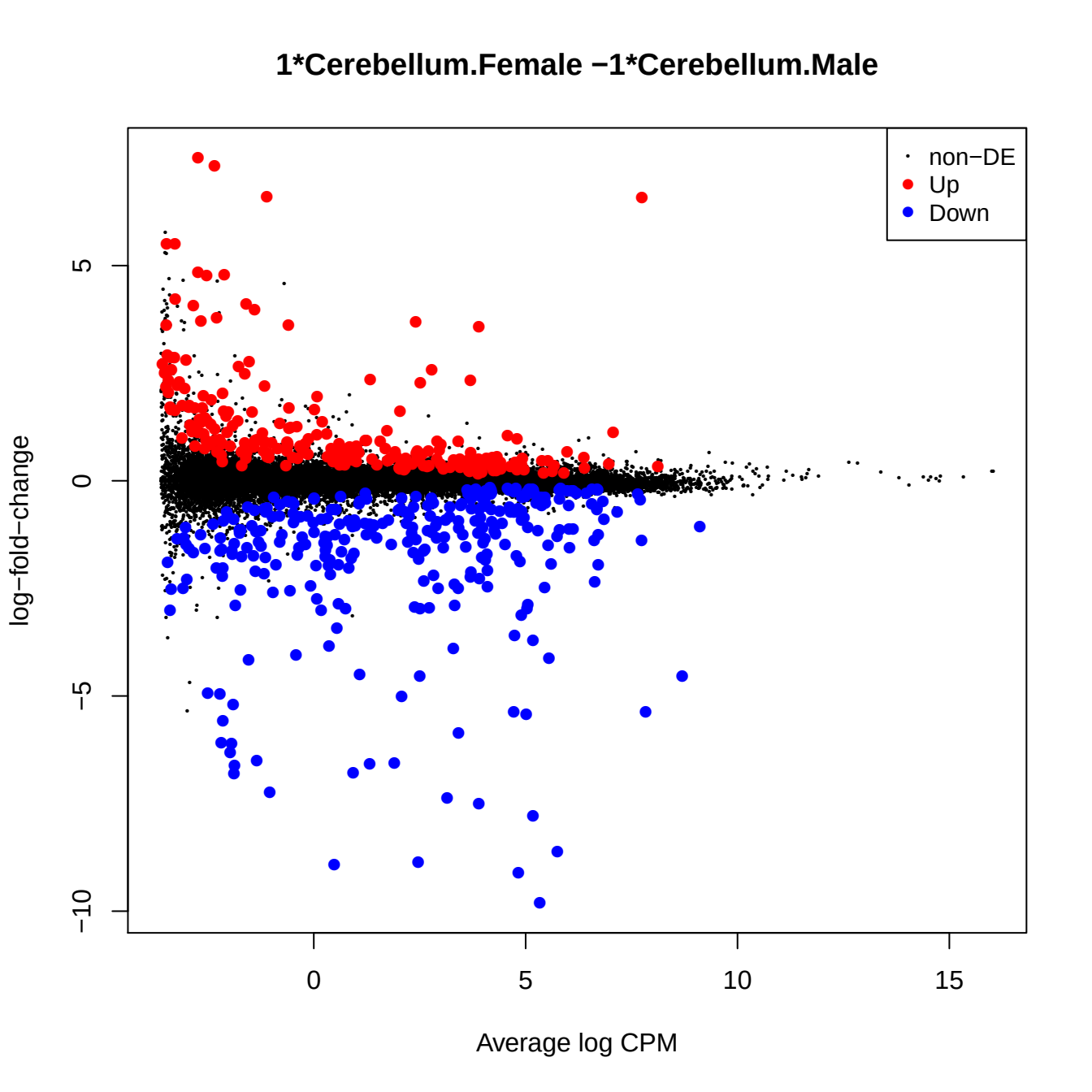
	1*Cortex.Female −1*Cortex.Male
Down	189
NotSig	28787
Up	185

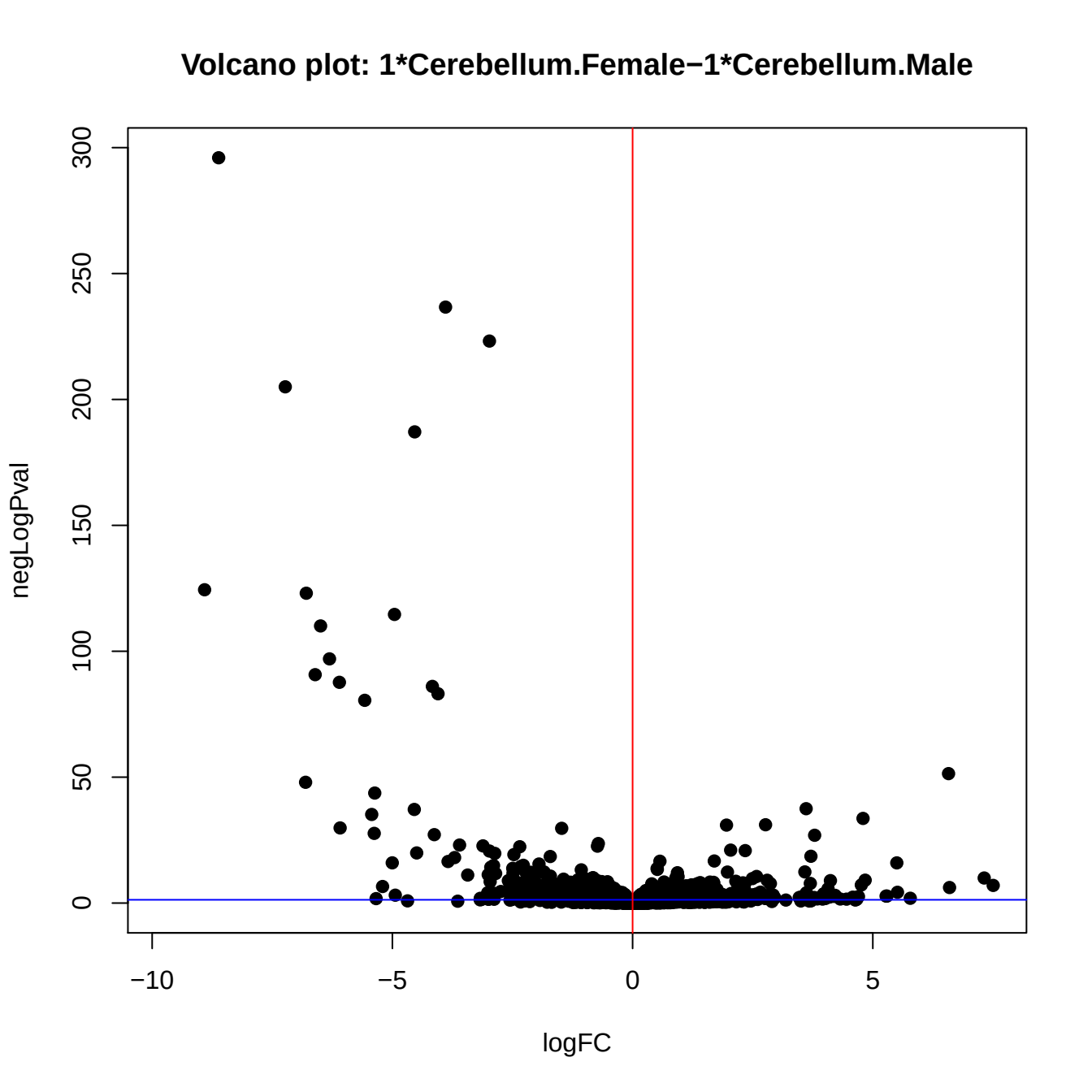

1*Cortex.Female −1*Cortex.Male
non−DE
Up
Down
log−fold−change
5
0
−5
0
5
10
15
Average log CPM

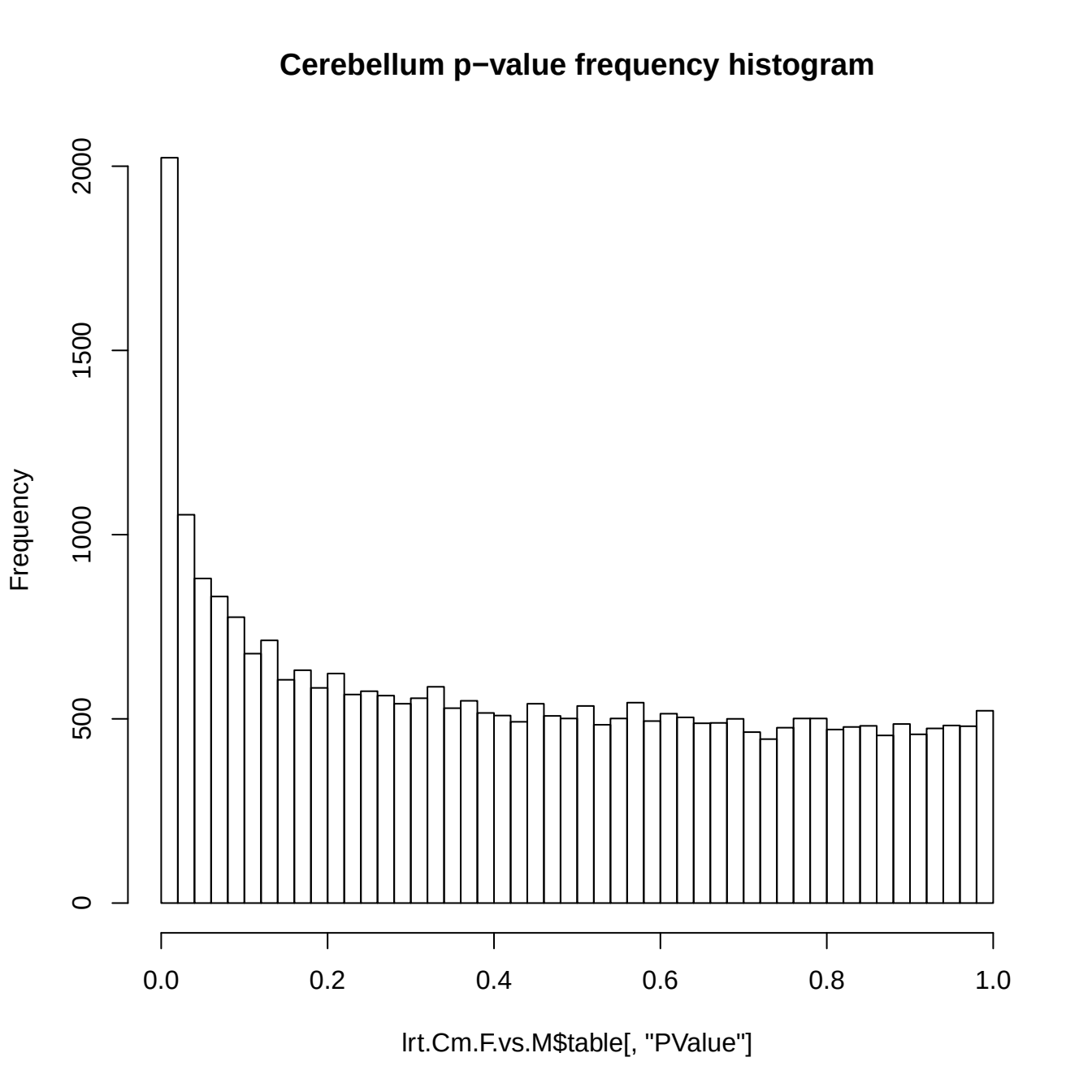

Volcano plot: 1*Cortex.Female−1*Cortex.Male
negLogPval
0
50
100
150
200
250
300
−5
0
5
logFC


Cortex p−value frequency histogram
Frequency
0
500
1000
1500
0.0
0.2
0.4
0.6
0.8
1.0
lrt.Co.F.vs.M$table[, "PValue"]

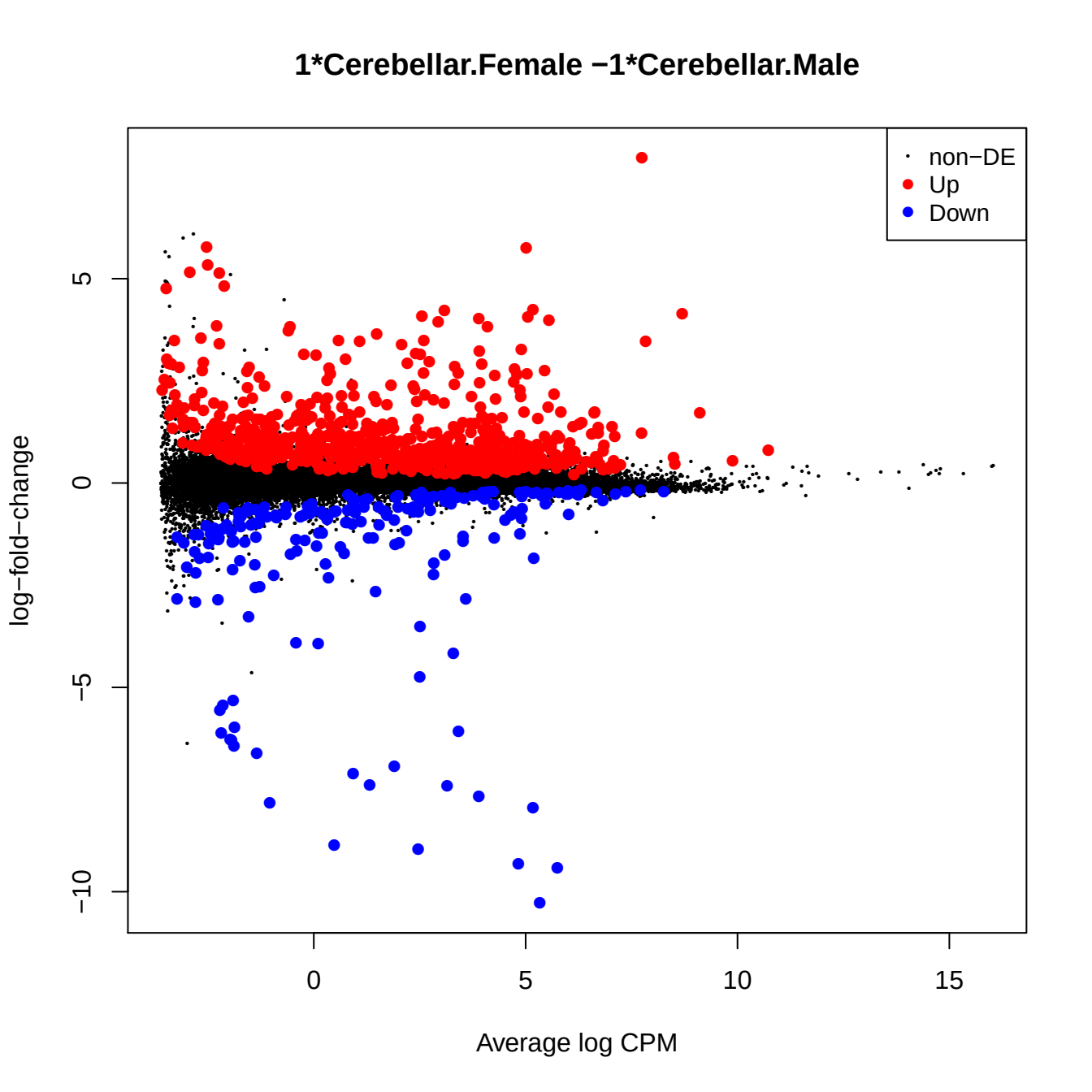
	1*Cerebellum.Female −1*Cerebellum.Male
Down	316
NotSig	28616
Up	229

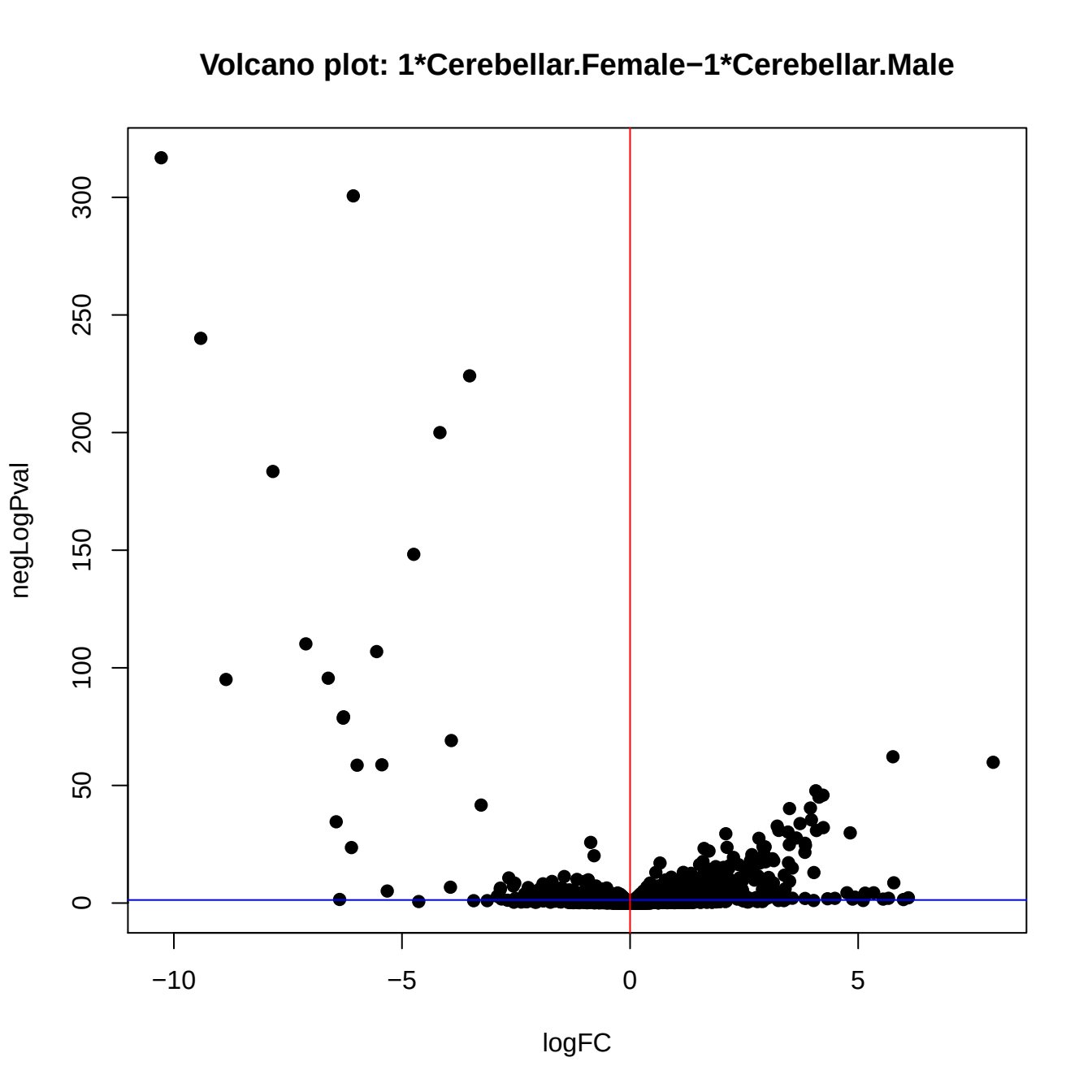

1*Cerebellum.Female −1*Cerebellum.Male
non−DE
Up
Down
log−fold−change
5
0
−5
−10
0
5
10
15
Average log CPM

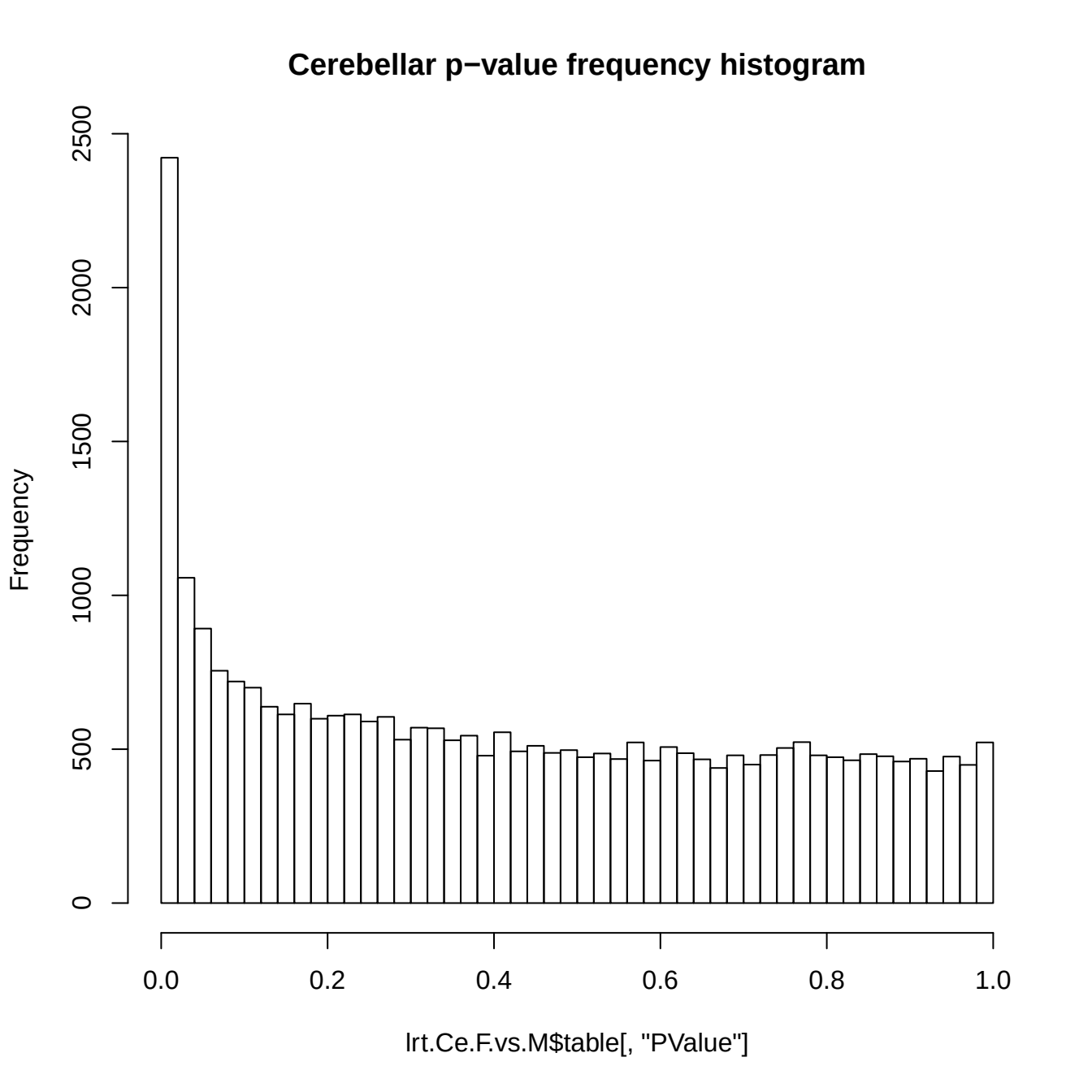

Volcano plot: 1*Cerebellum.Female−1*Cerebellum.Male
negLogPval
0
50
100
150
200
250
300
−10
−5
0
5
logFC


Cerebellum p−value frequency histogram
Frequency
0
500
1000
1500
2000
0.0
0.2
0.4
0.6
0.8
1.0
lrt.Cm.F.vs.M$table[, "PValue"]

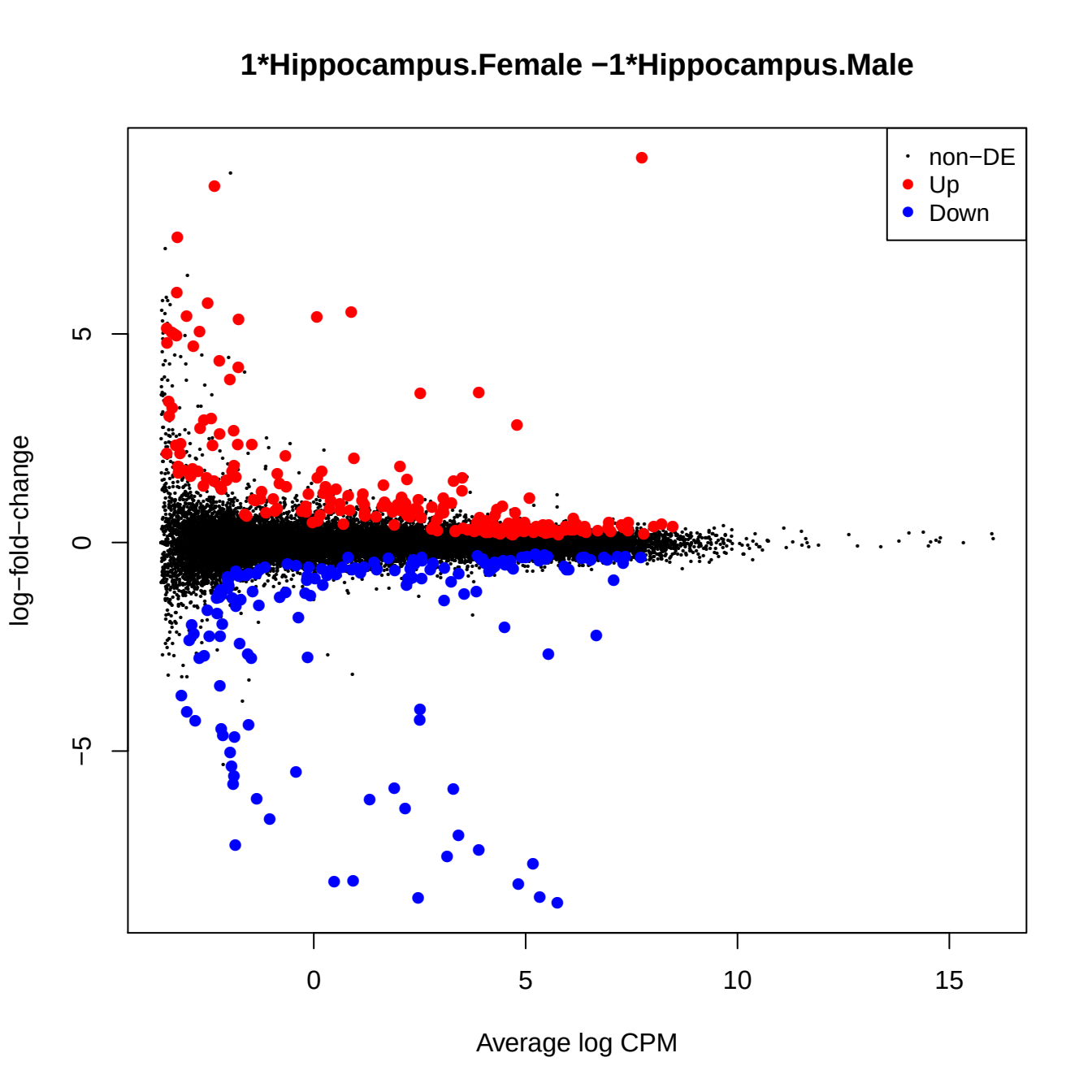
	1*Cerebellar.Female −1*Cerebellar.Male
Down	206
NotSig	28243
Up	712

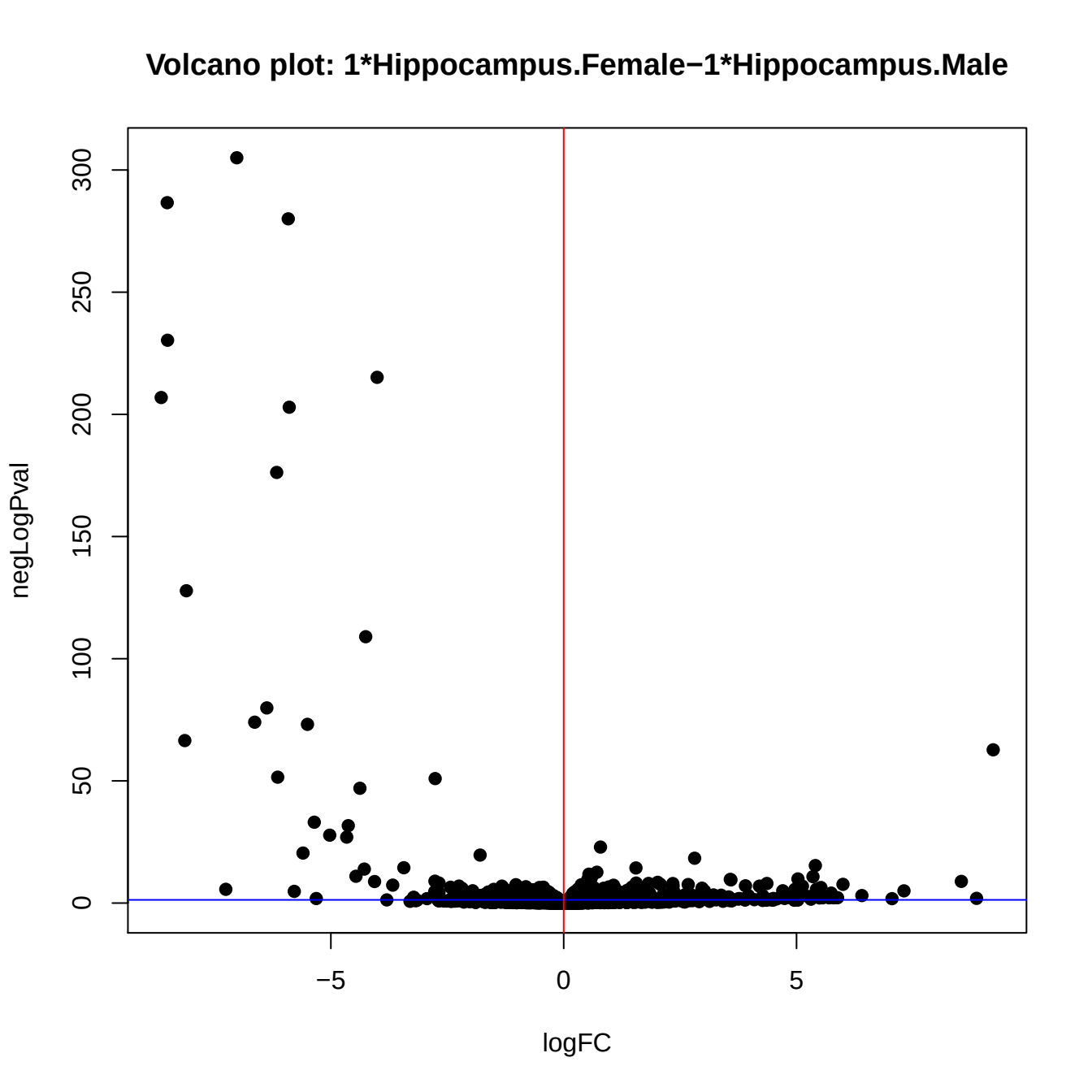

1*Cerebellar.Female −1*Cerebellar.Male
non−DE
Up
Down
log−fold−change
5
0
−5
−10
0
5
10
15
Average log CPM

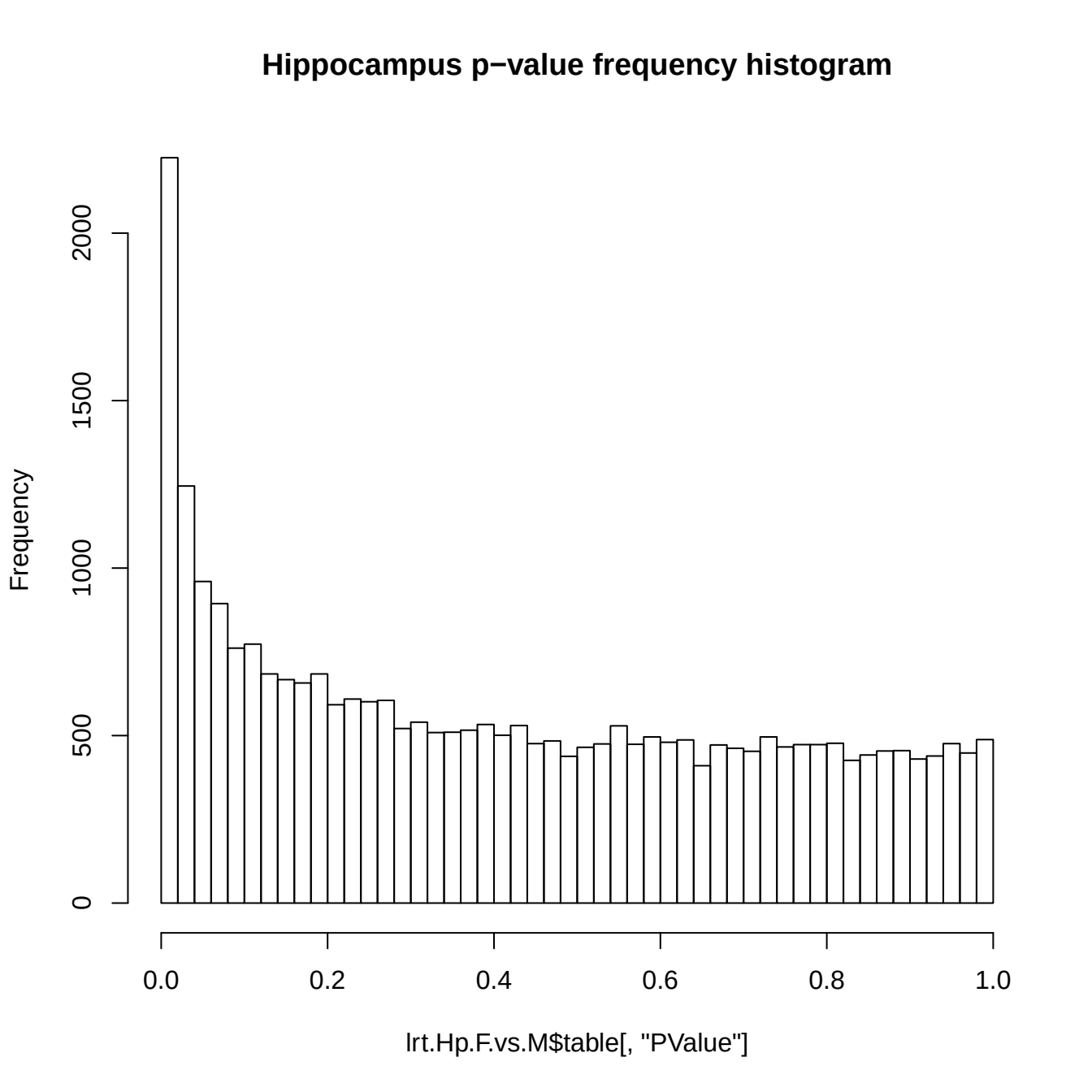

Volcano plot: 1*Cerebellar.Female−1*Cerebellar.Male
negLogPval
0
50
100
150
200
250
300
−10
−5
0
5
logFC


Cerebellar p−value frequency histogram
Frequency
0
500
1000
1500
2000
2500
0.0
0.2
0.4
0.6
0.8
1.0
lrt.Ce.F.vs.M$table[, "PValue"]

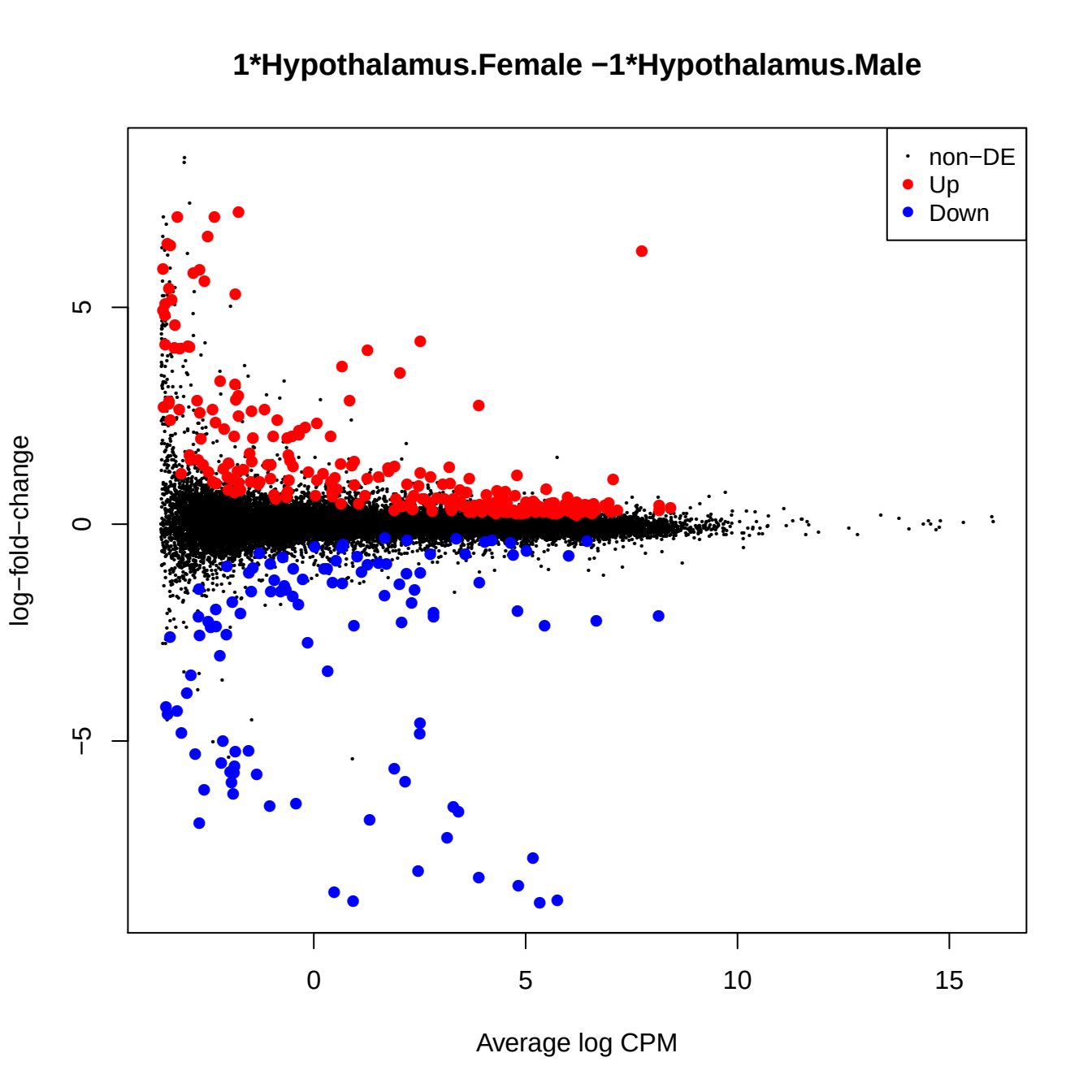
	1*Hippocampus.Female −1*Hippocampus.Male
Down	153
NotSig	28780
Up	228

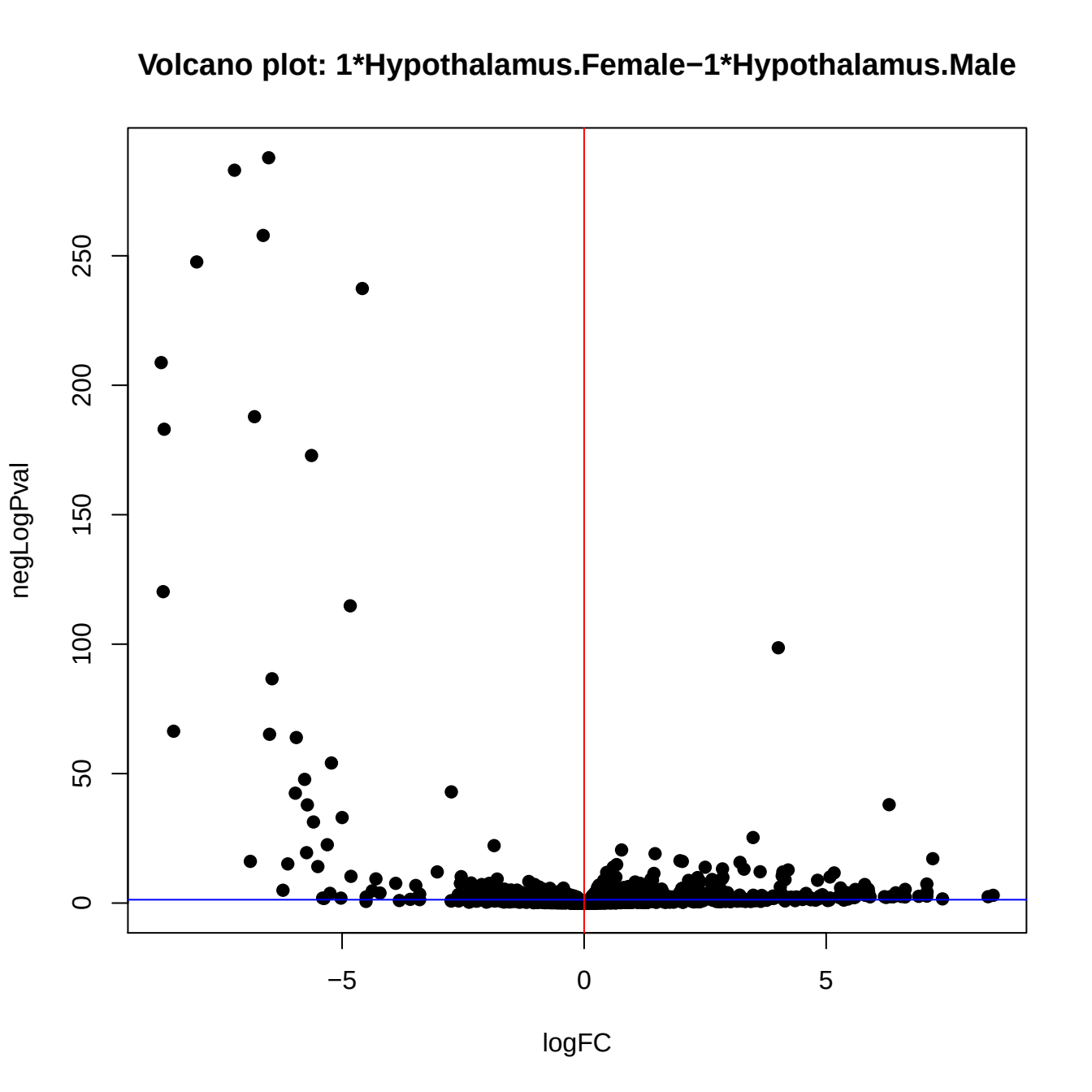

1*Hippocampus.Female −1*Hippocampus.Male
non−DE
Up
Down
log−fold−change
5
0
−5
0
5
10
15
Average log CPM

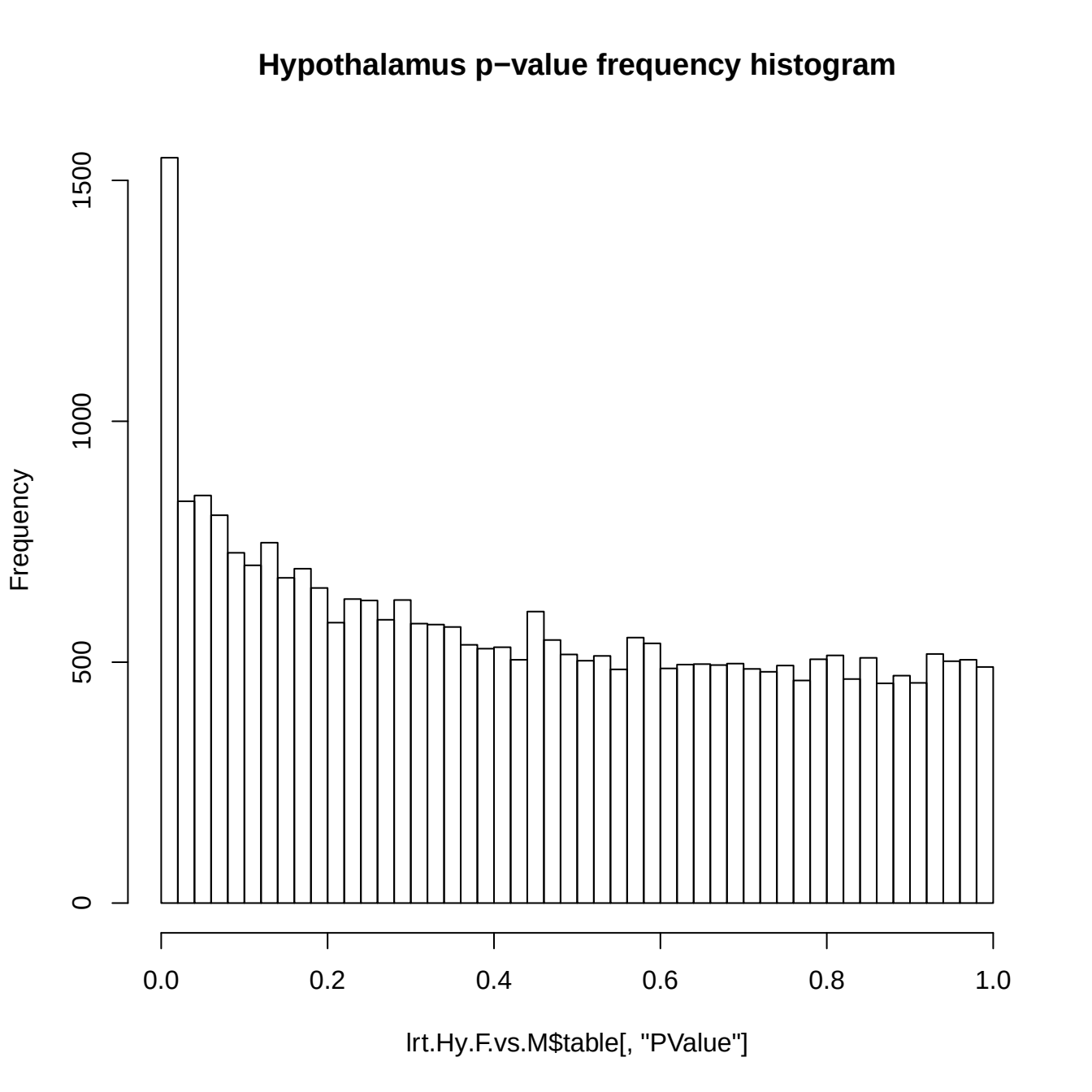

Volcano plot: 1*Hippocampus.Female−1*Hippocampus.Male
negLogPval
0
50
100
150
200
250
300
−5
0
5
logFC


Hippocampus p−value frequency histogram
Frequency
0
500
1000
1500
2000
0.0
0.2
0.4
0.6
0.8
1.0
lrt.Hp.F.vs.M$table[, "PValue"]

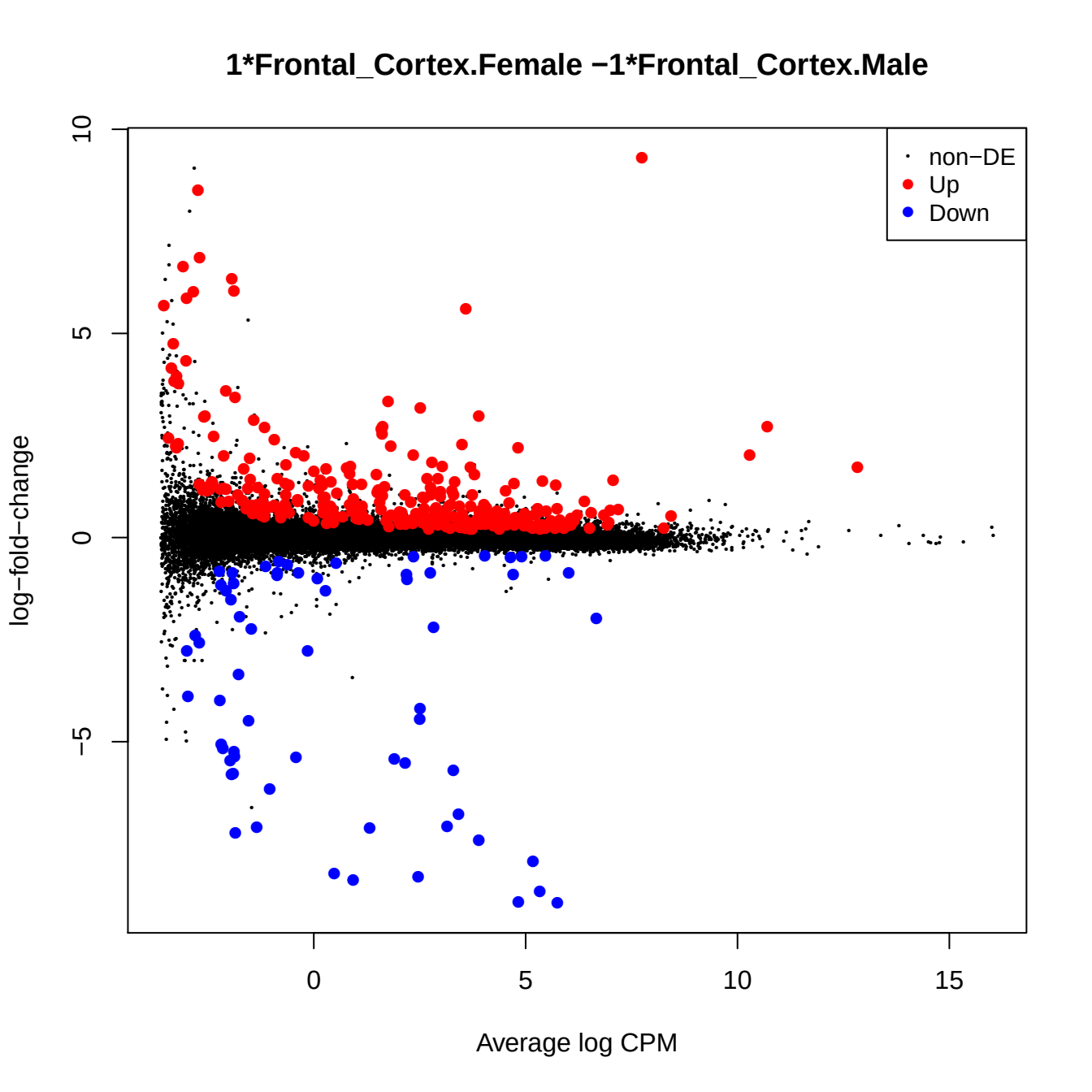
	1*Hypothalamus.Female −1*Hypothalamus.Male
Down	107
NotSig	28806
Up	248

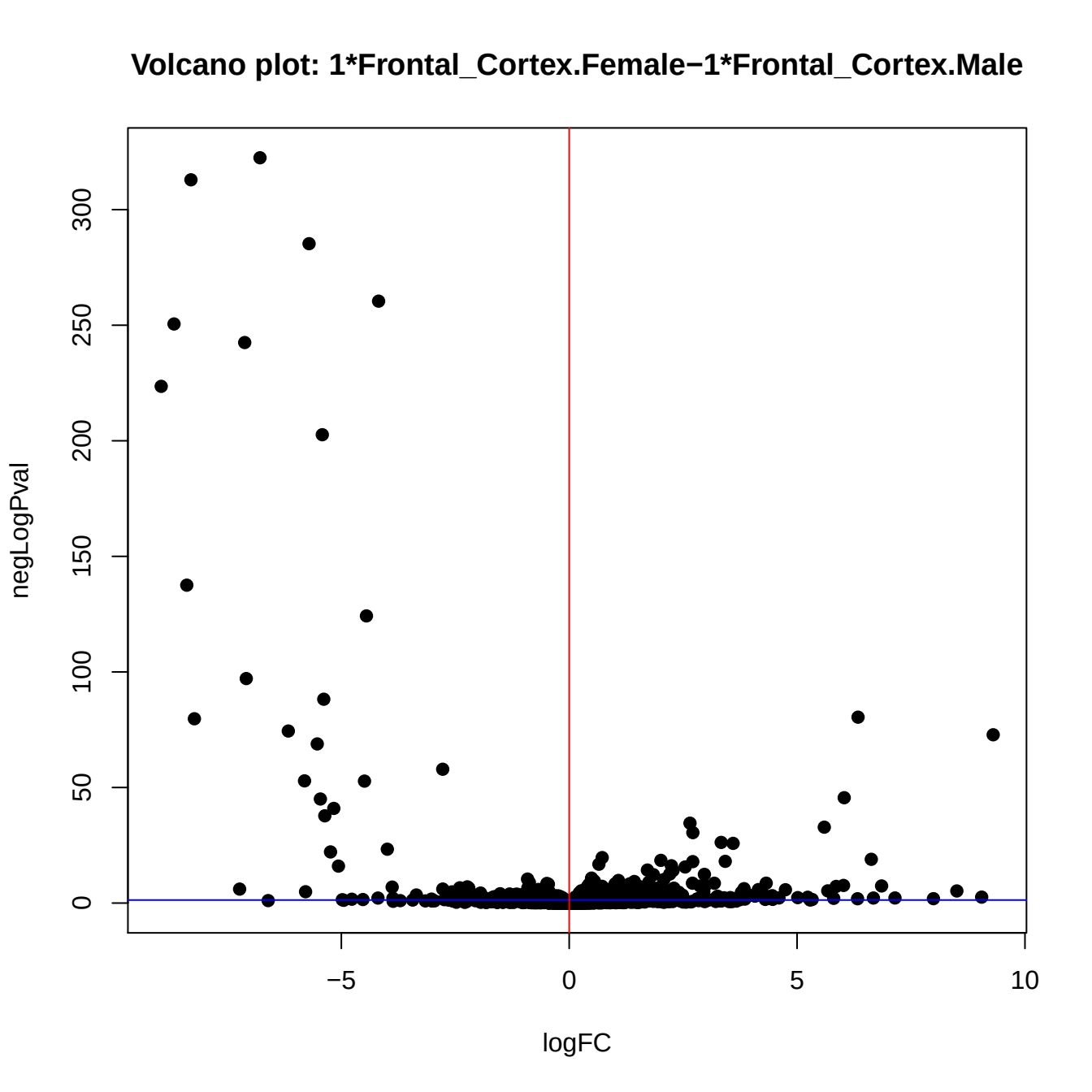

1*Hypothalamus.Female −1*Hypothalamus.Male
non−DE
Up
Down
log−fold−change
5
0
−5
0
5
10
15
Average log CPM

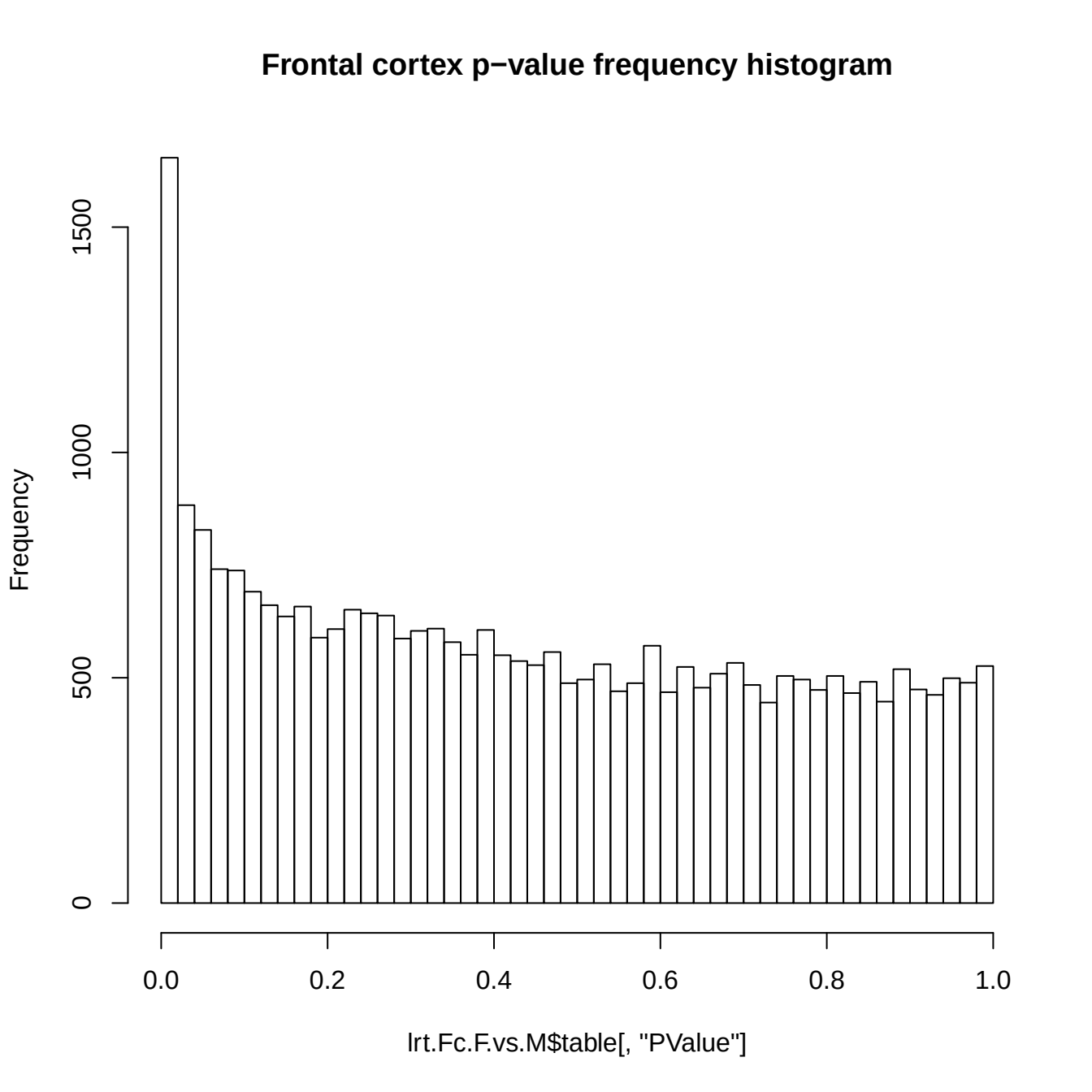

Volcano plot: 1*Hypothalamus.Female−1*Hypothalamus.Male
negLogPval
0
50
100
150
200
250
−5
0
5
logFC


Hypothalamus p−value frequency histogram
Frequency
0
500
1000
1500
0.0
0.2
0.4
0.6
0.8
1.0
lrt.Hy.F.vs.M$table[, "PValue"]

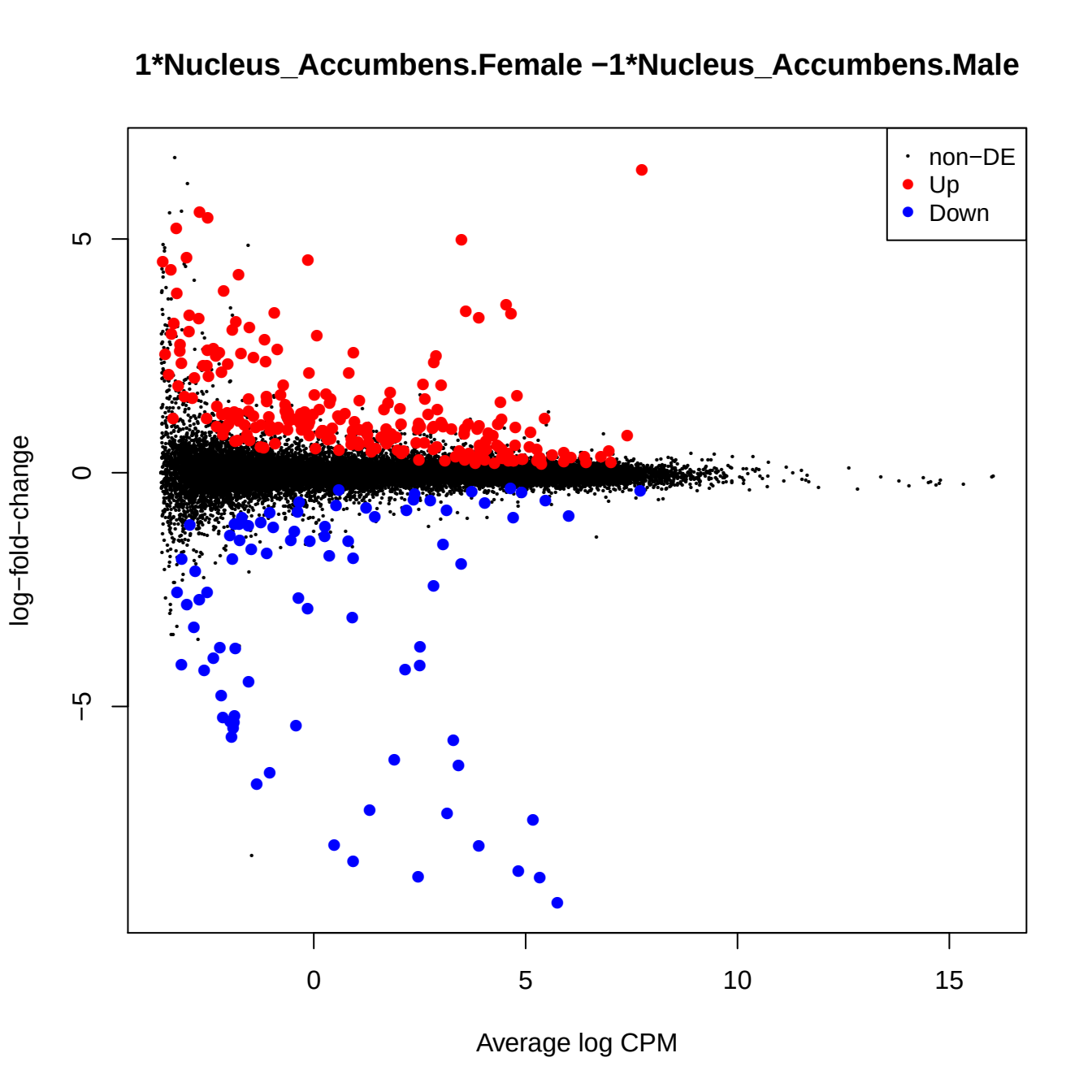
	1*Frontal_Cortex.Female −1*Frontal_Cortex.Male
Down	64
NotSig	28808
Up	289

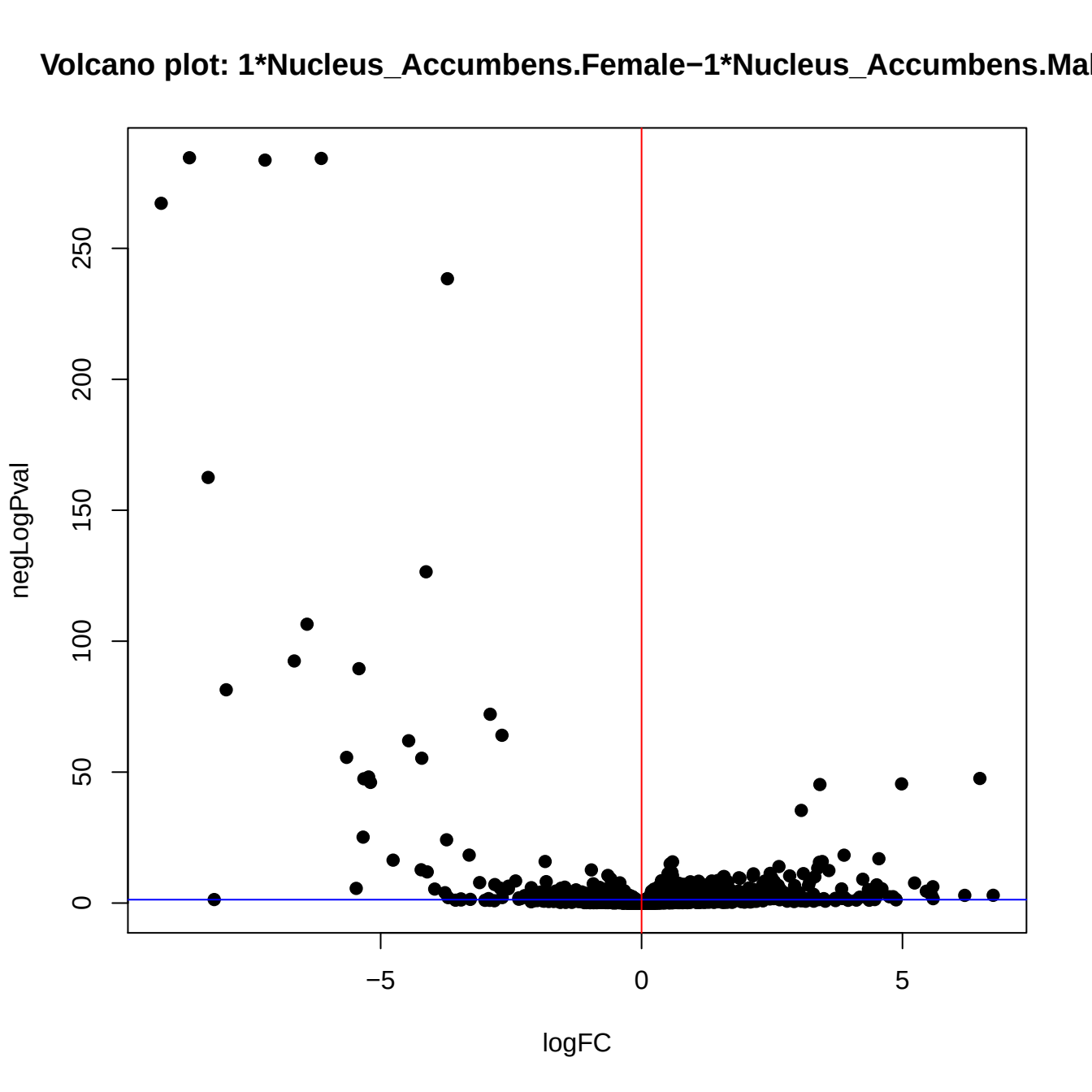

1*Frontal_Cortex.Female −1*Frontal_Cortex.Male
non−DE
Up
Down
log−fold−change
10
5
0
−5
0
5
10
15
Average log CPM

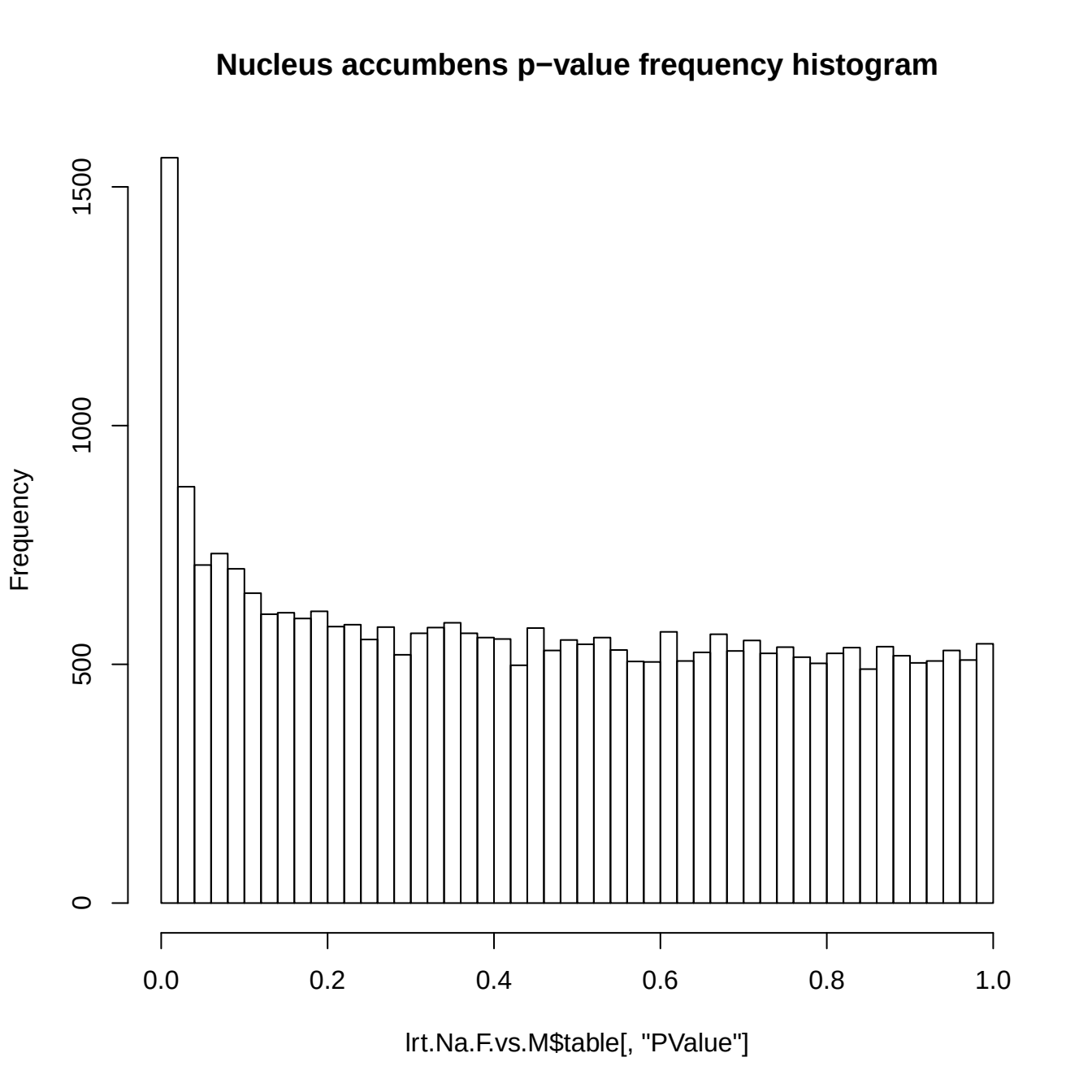

Volcano plot: 1*Frontal_Cortex.Female−1*Frontal_Cortex.Male
negLogPval
0
50
100
150
200
250
300
−5
0
5
10
logFC


Frontal cortex p−value frequency histogram
Frequency
0
500
1000
1500
0.0
0.2
0.4
0.6
0.8
1.0
lrt.Fc.F.vs.M$table[, "PValue"]

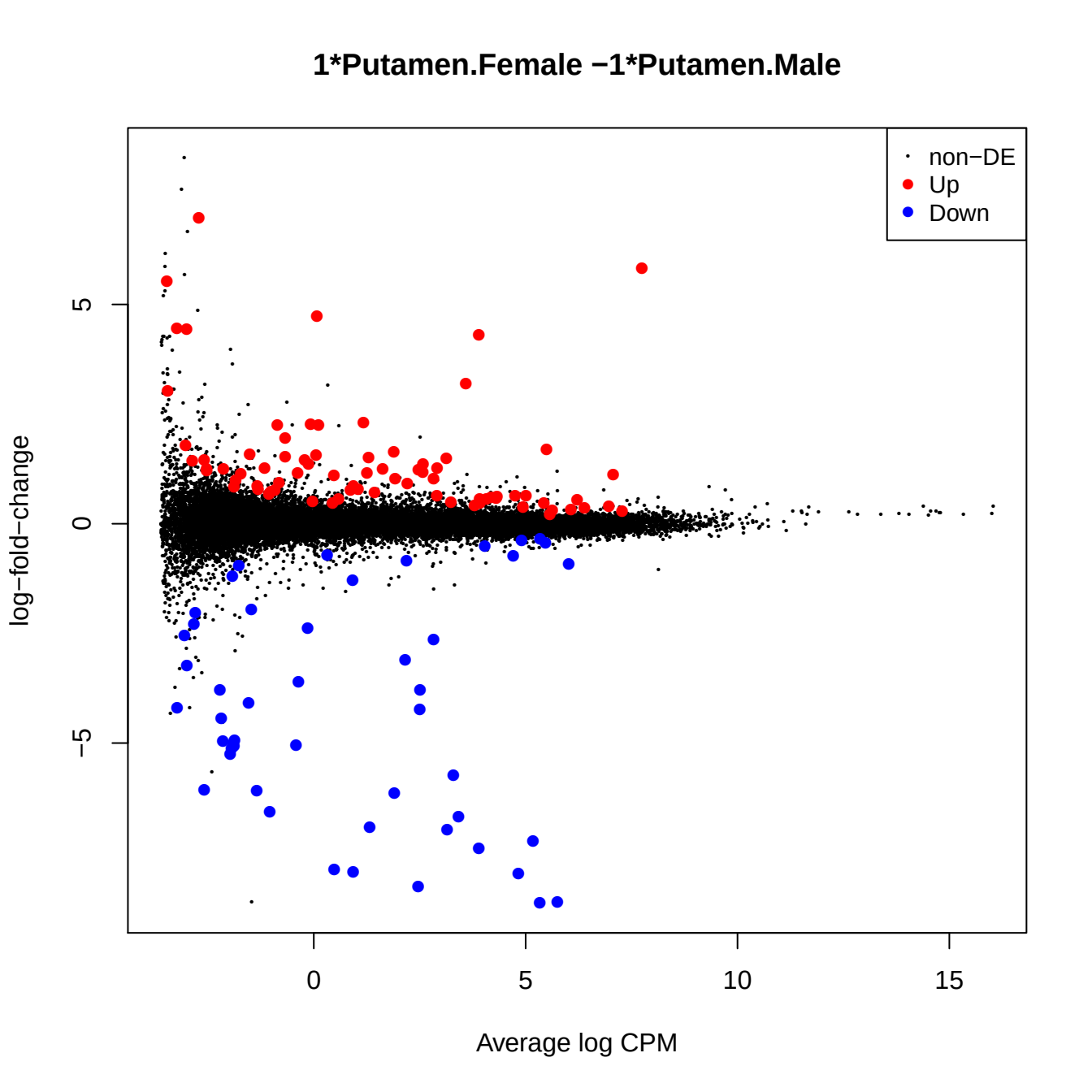
	1*Nucleus_Accumbens.Female −1*Nucleus_Accumbens.Male
Down	85
NotSig	28842
Up	234

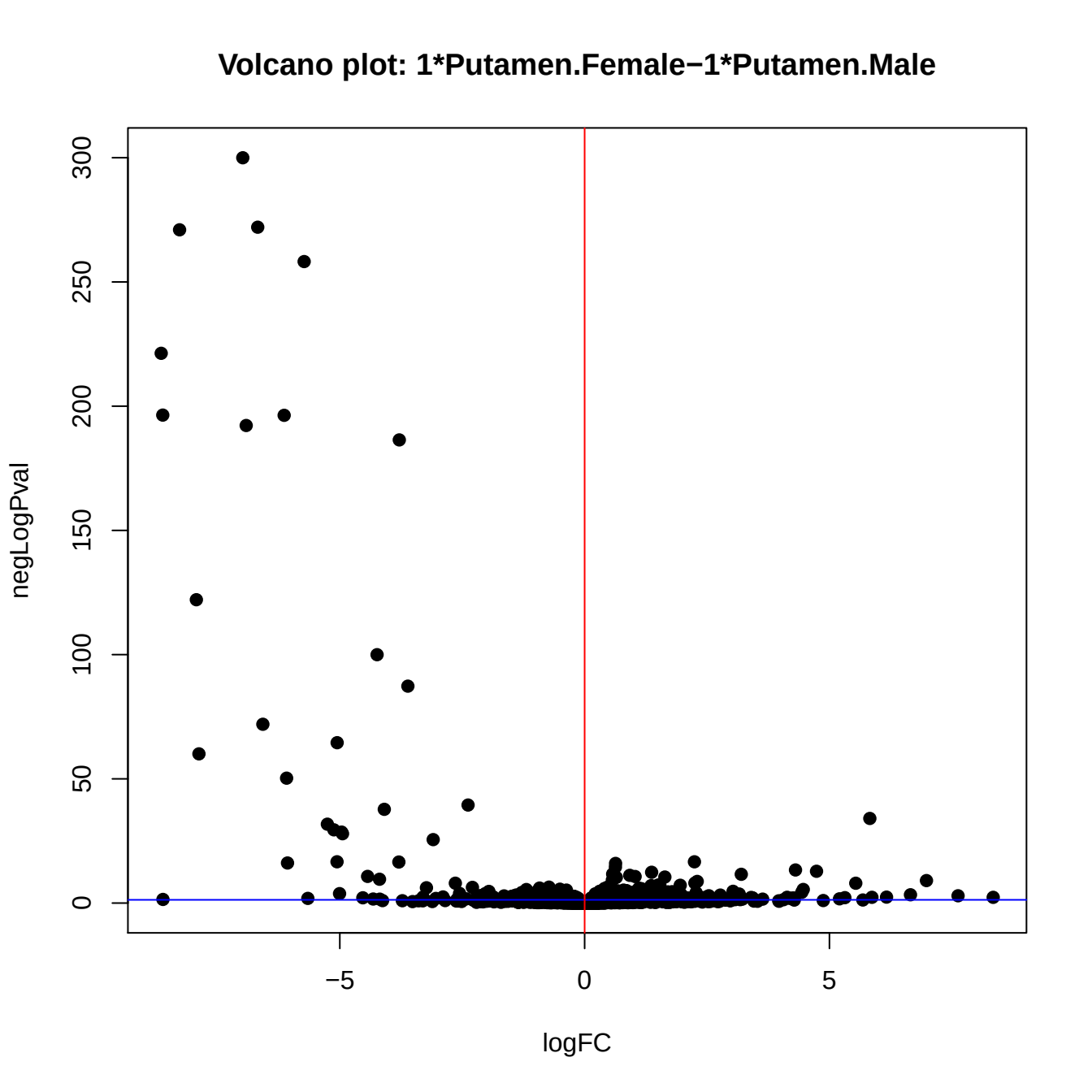

1*Nucleus_Accumbens.Female −1*Nucleus_Accumbens.Male
non−DE
Up
Down
log−fold−change
5
0
−5
0
5
10
15
Average log CPM

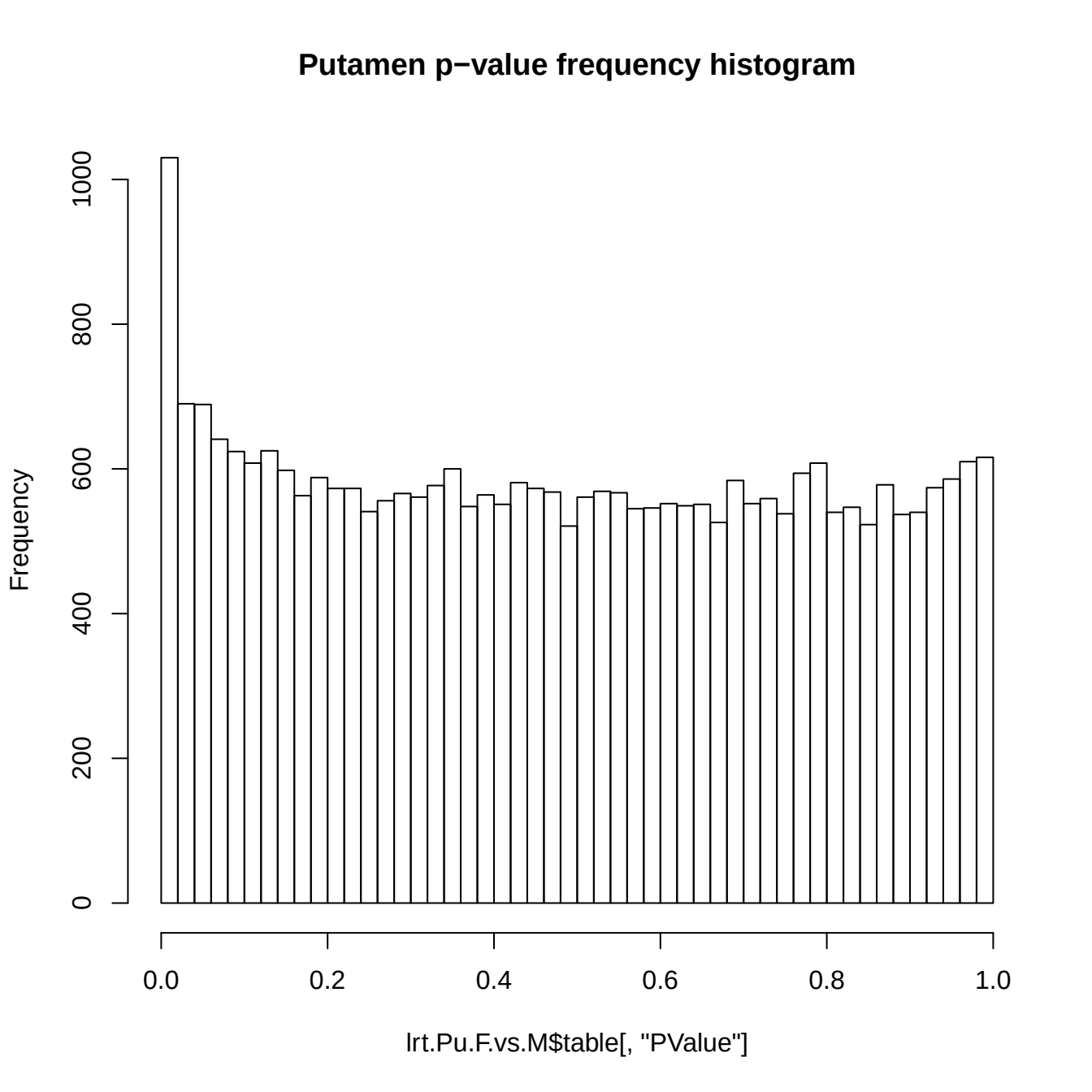

Volcano plot: 1*Nucleus_Accumbens.Female−1*Nucleus_Accumbens.Mal
negLogPval
0
50
100
150
200
250
−5
0
5
logFC


Nucleus accumbens p−value frequency histogram
Frequency
0
500
1000
1500
0.0
0.2
0.4
0.6
0.8
1.0
lrt.Na.F.vs.M$table[, "PValue"]

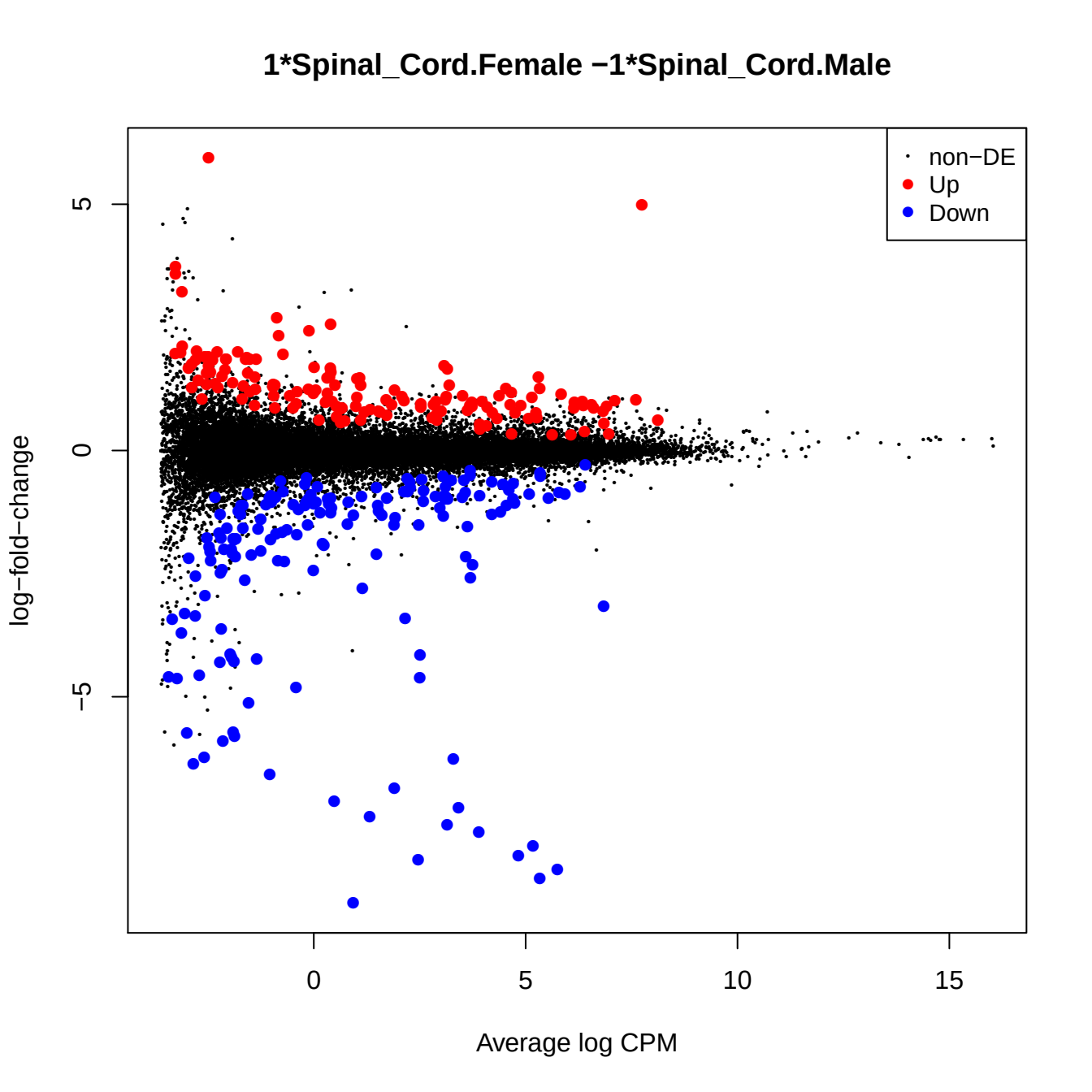
	1*Putamen.Female −1*Putamen.Male
Down	49
NotSig	29034
Up	78

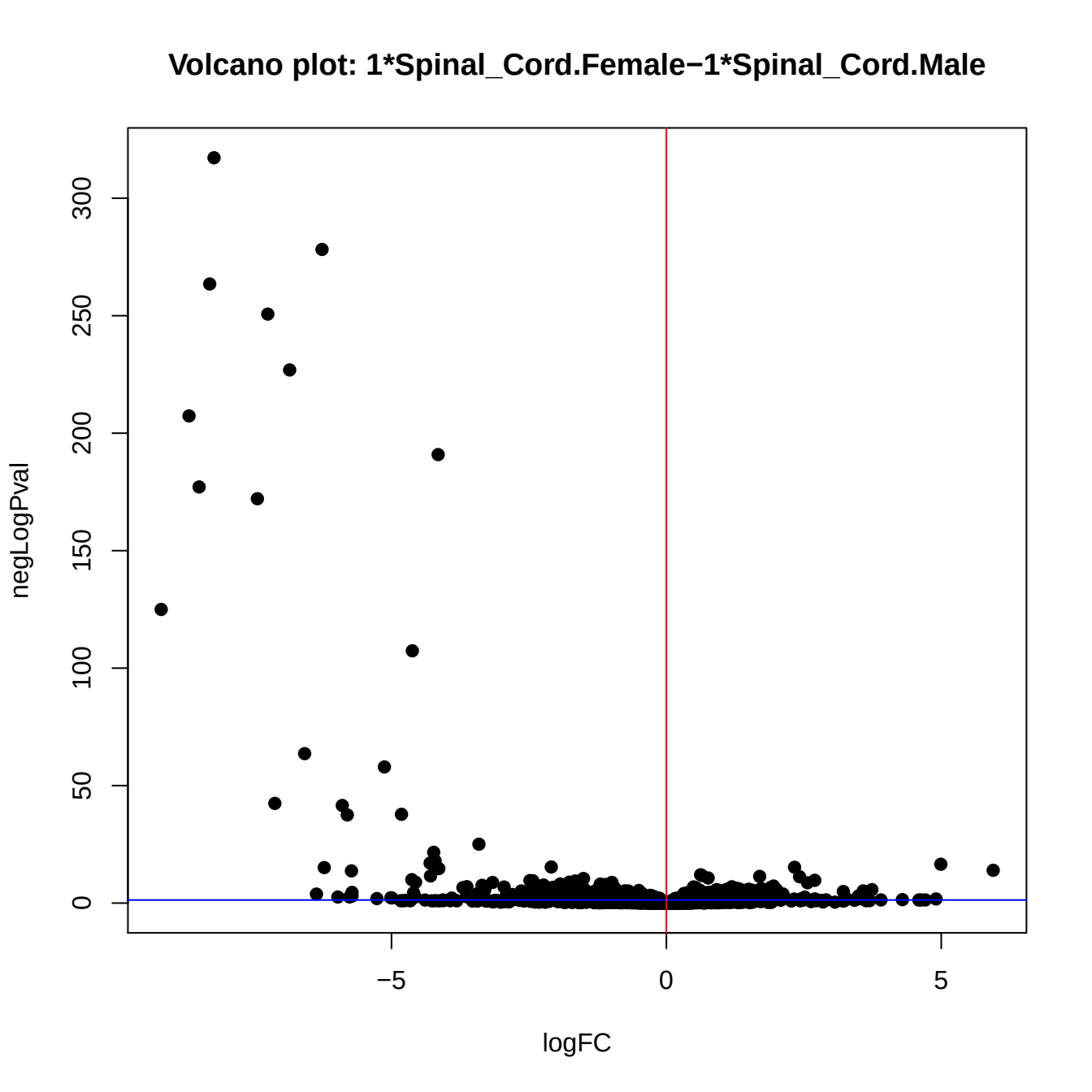

1*Putamen.Female −1*Putamen.Male
non−DE
Up
Down
log−fold−change
5
0
−5
0
5
10
15
Average log CPM

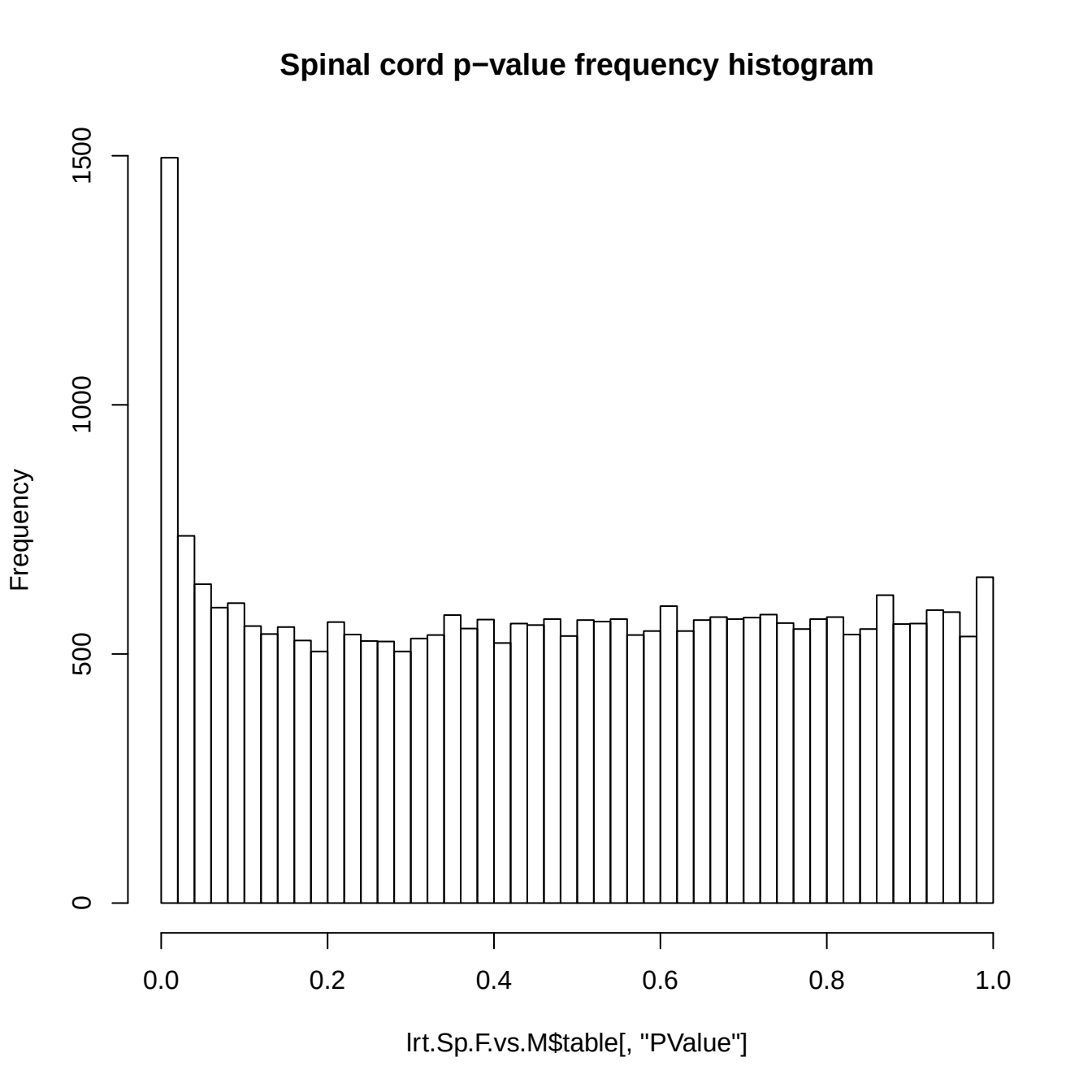

Volcano plot: 1*Putamen.Female−1*Putamen.Male
negLogPval
0
50
100
150
200
250
300
−5
0
5
logFC


Putamen p−value frequency histogram
Frequency
0
200
400
600
800
1000
0.0
0.2
0.4
0.6
0.8
1.0
lrt.Pu.F.vs.M$table[, "PValue"]

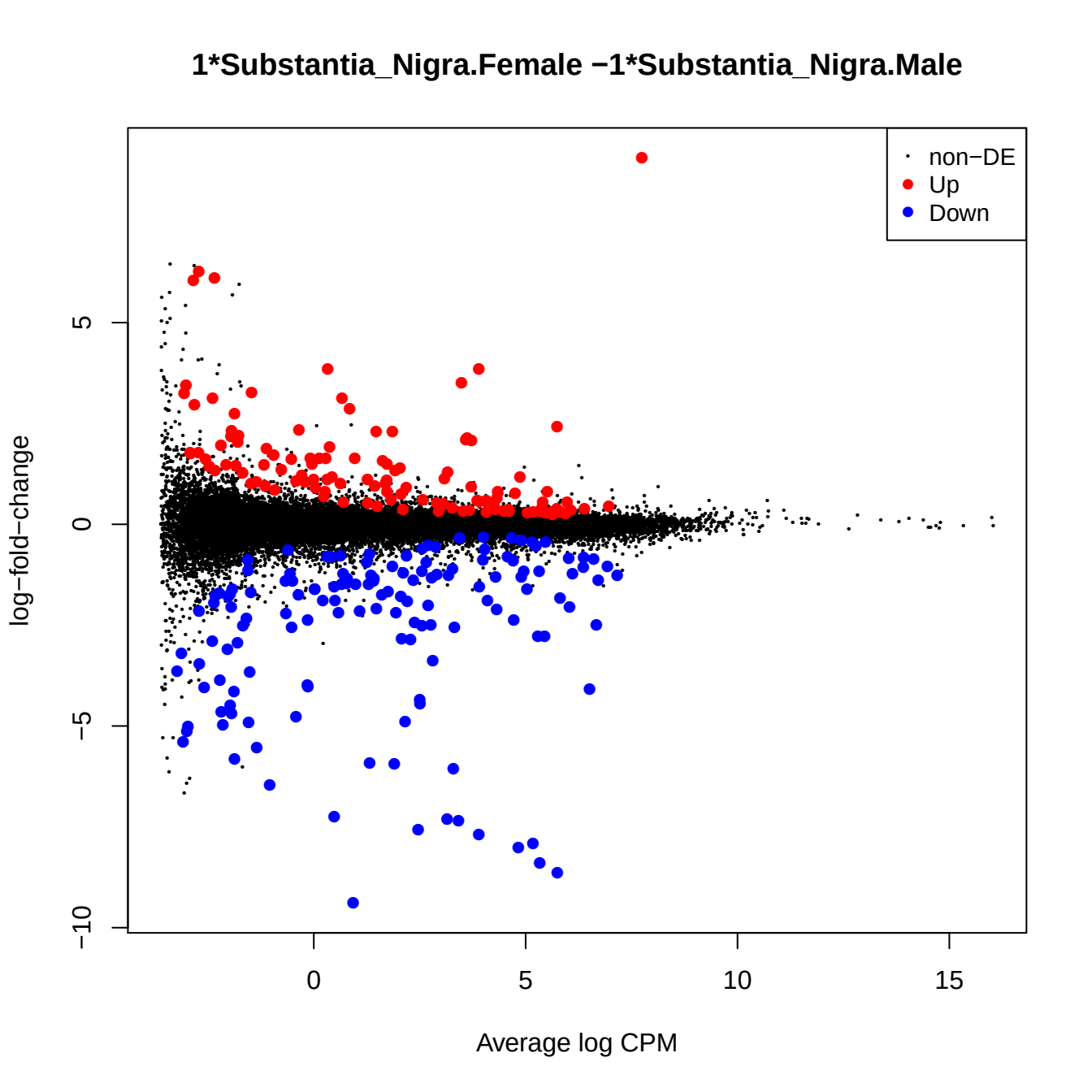
	1*Spinal_Cord.Female −1*Spinal_Cord.Male
Down	165
NotSig	28849
Up	147

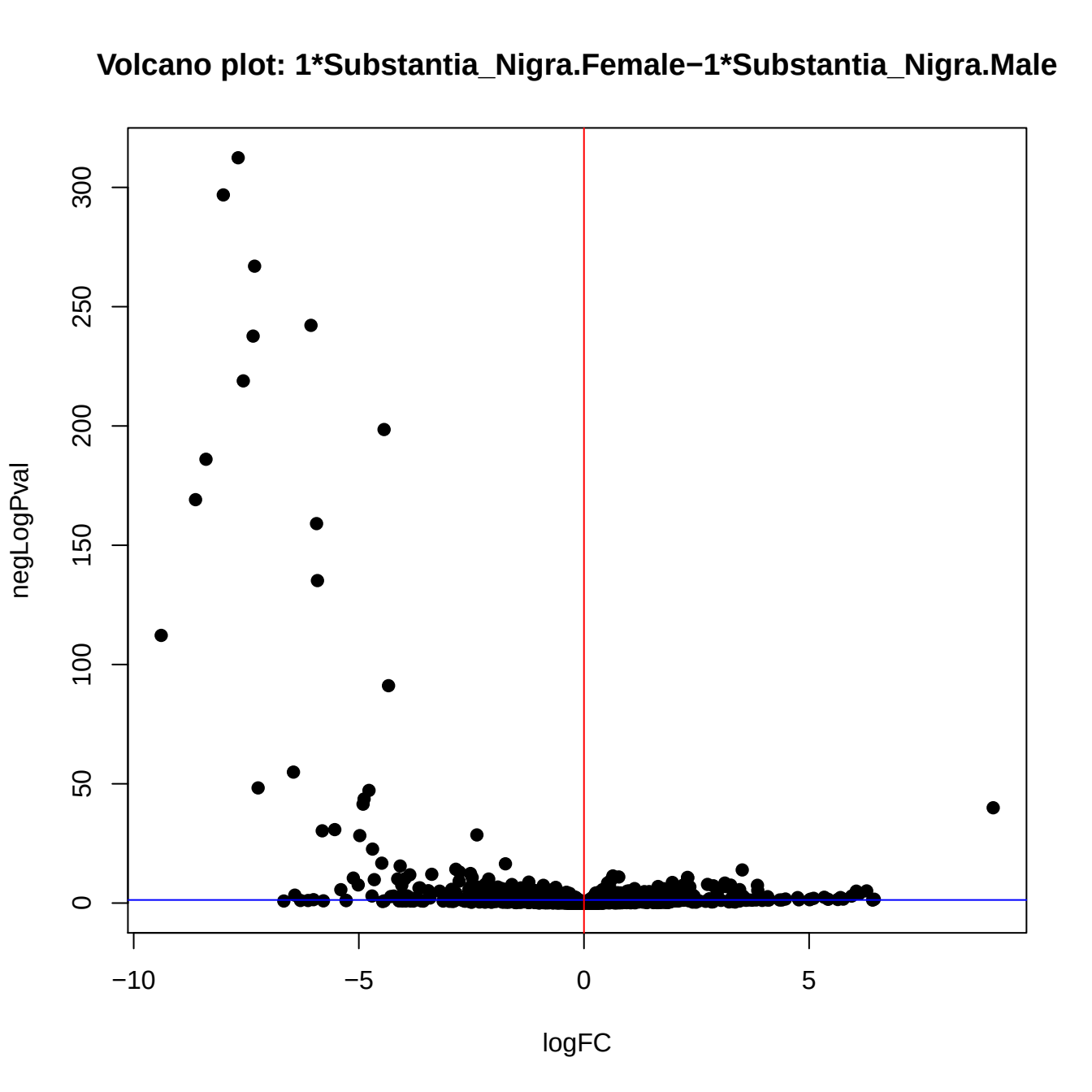

1*Spinal_Cord.Female −1*Spinal_Cord.Male
non−DE
Up
Down
log−fold−change
5
0
−5
0
5
10
15
Average log CPM

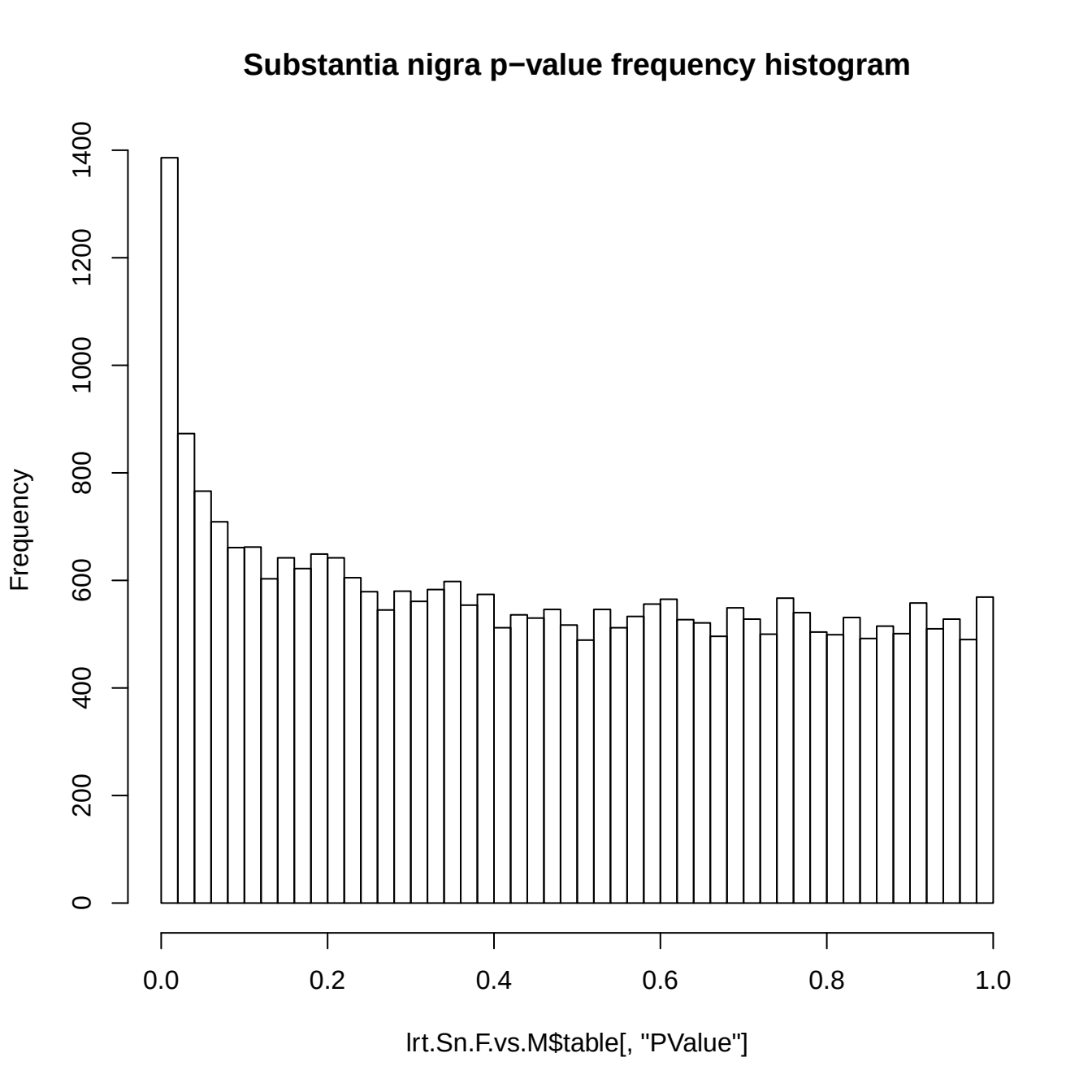

Volcano plot: 1*Spinal_Cord.Female−1*Spinal_Cord.Male
negLogPval
0
50
100
150
200
250
300
−5
0
5
logFC


Spinal cord p−value frequency histogram
Frequency
0
500
1000
1500
0.0
0.2
0.4
0.6
0.8
1.0
lrt.Sp.F.vs.M$table[, "PValue"]

	1*Substantia_Nigra.Female −1*Substantia_Nigra.Male
Down	143
NotSig	28902
Up	116


1*Substantia_Nigra.Female −1*Substantia_Nigra.Male
non−DE
Up
Down
log−fold−change
5
0
−5
−10
0
5
10
15
Average log CPM


Volcano plot: 1*Substantia_Nigra.Female−1*Substantia_Nigra.Male
negLogPval
0
50
100
150
200
250
300
−10
−5
0
5
logFC


Substantia nigra p−value frequency histogram
Frequency
0
200
400
600
800
1000
1200
1400
0.0
0.2
0.4
0.6
0.8
1.0
lrt.Sn.F.vs.M$table[, "PValue"]