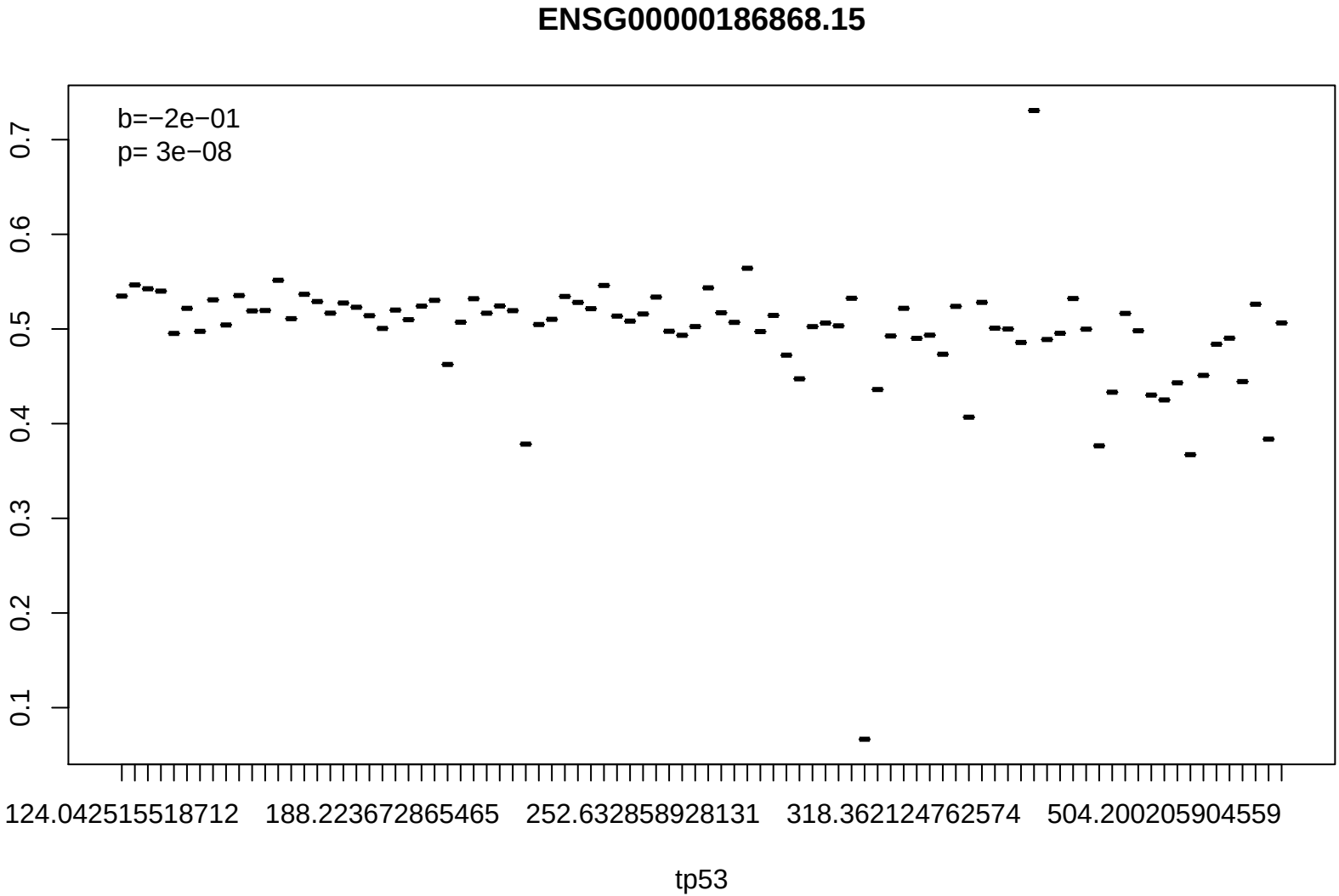
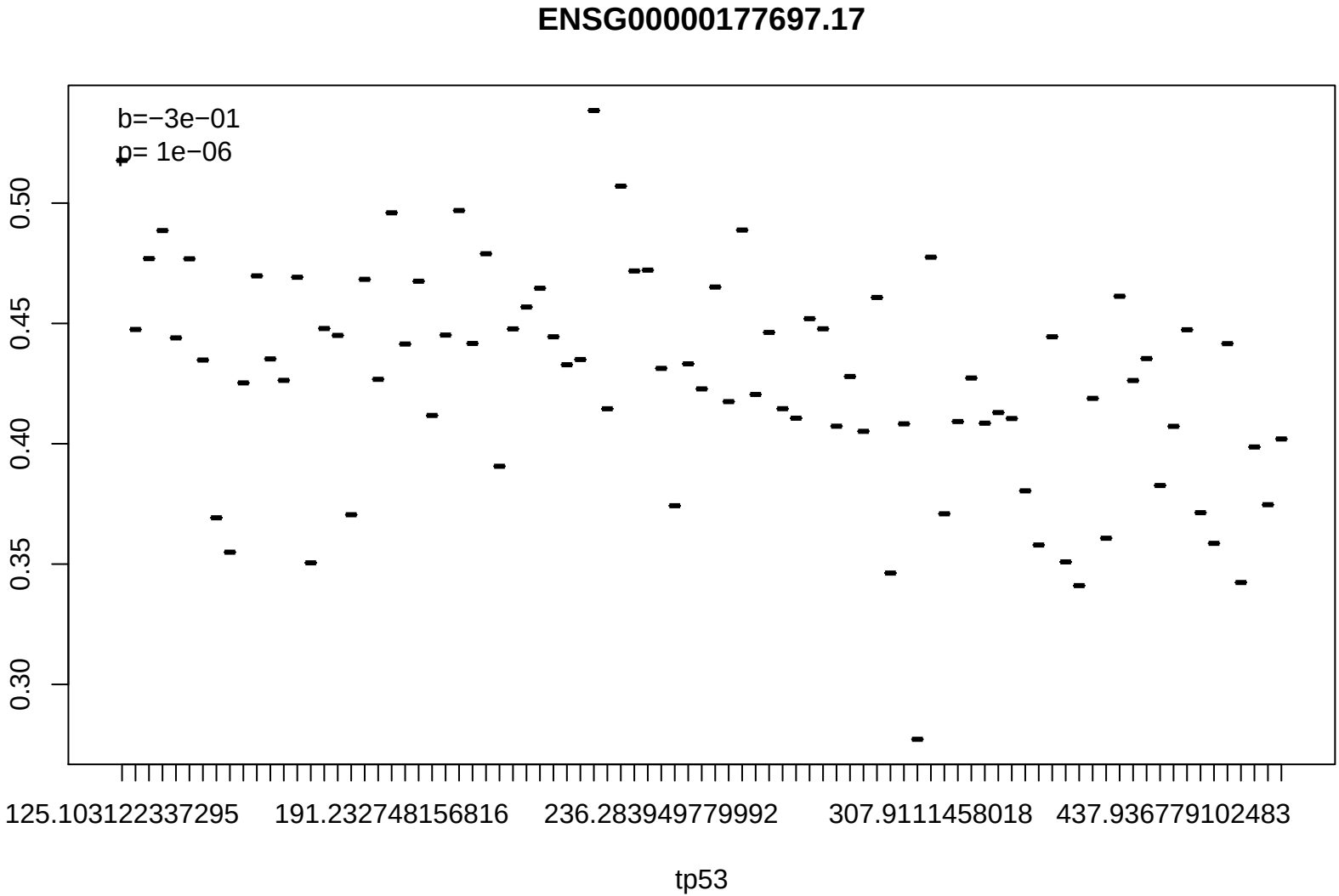
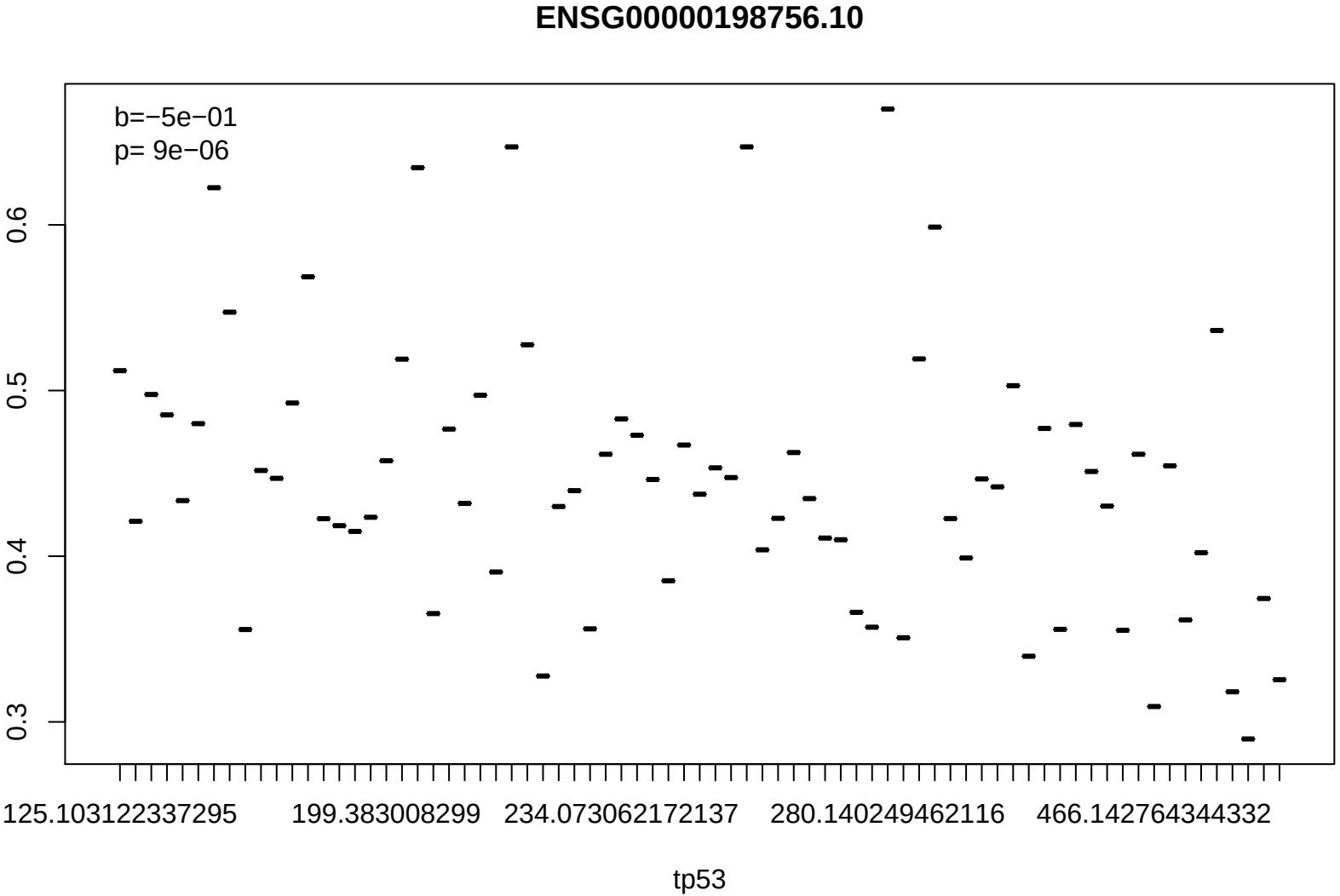
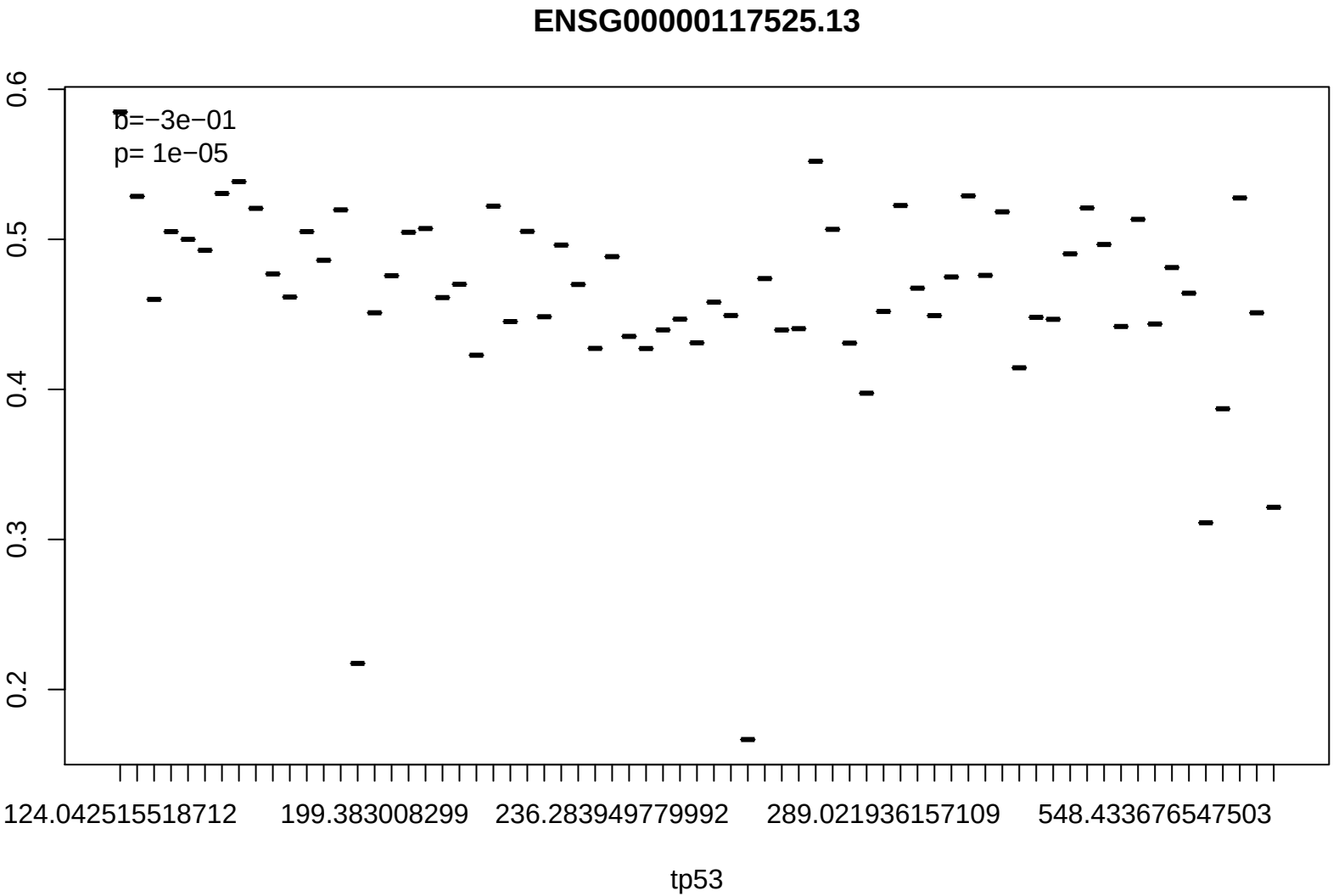
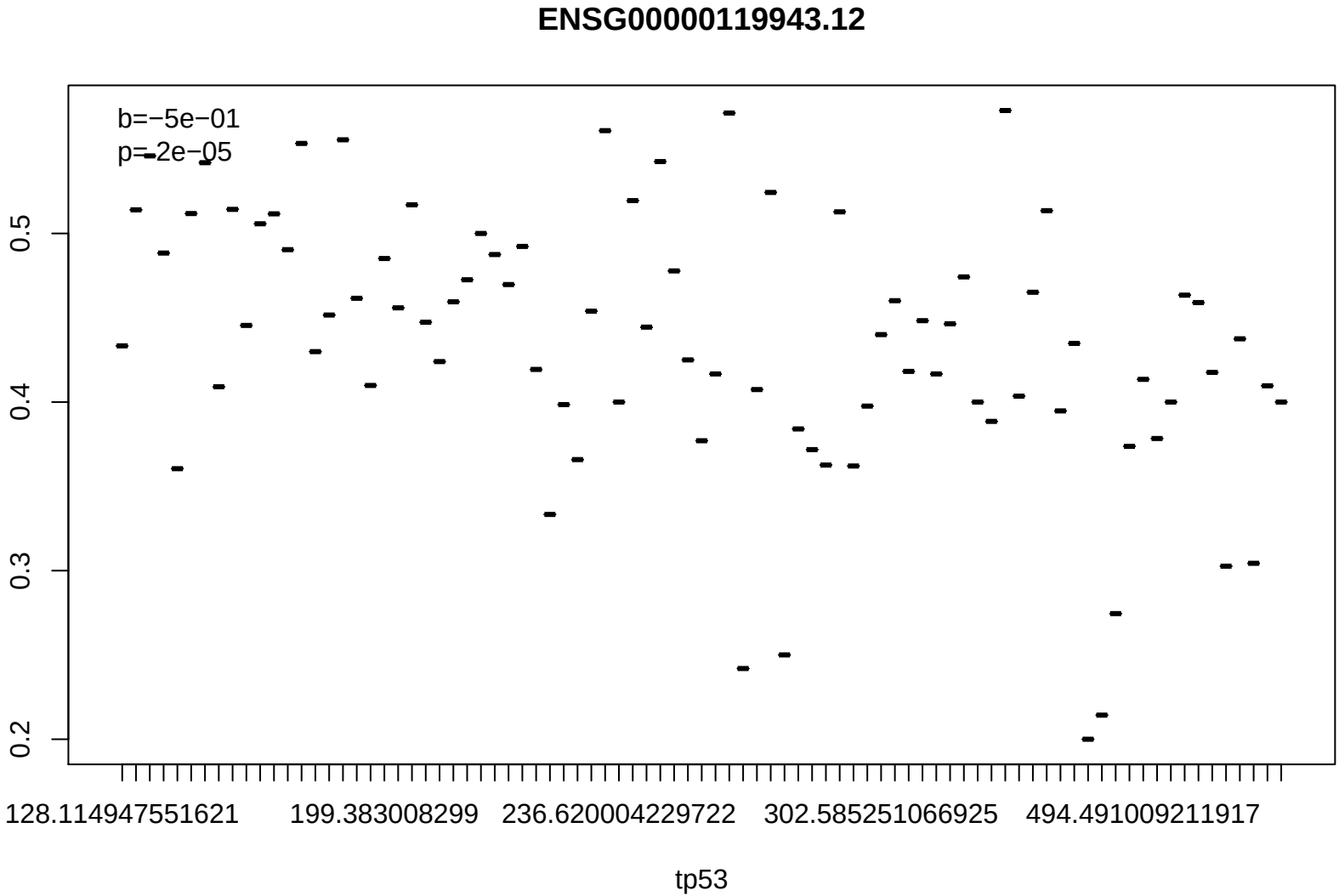
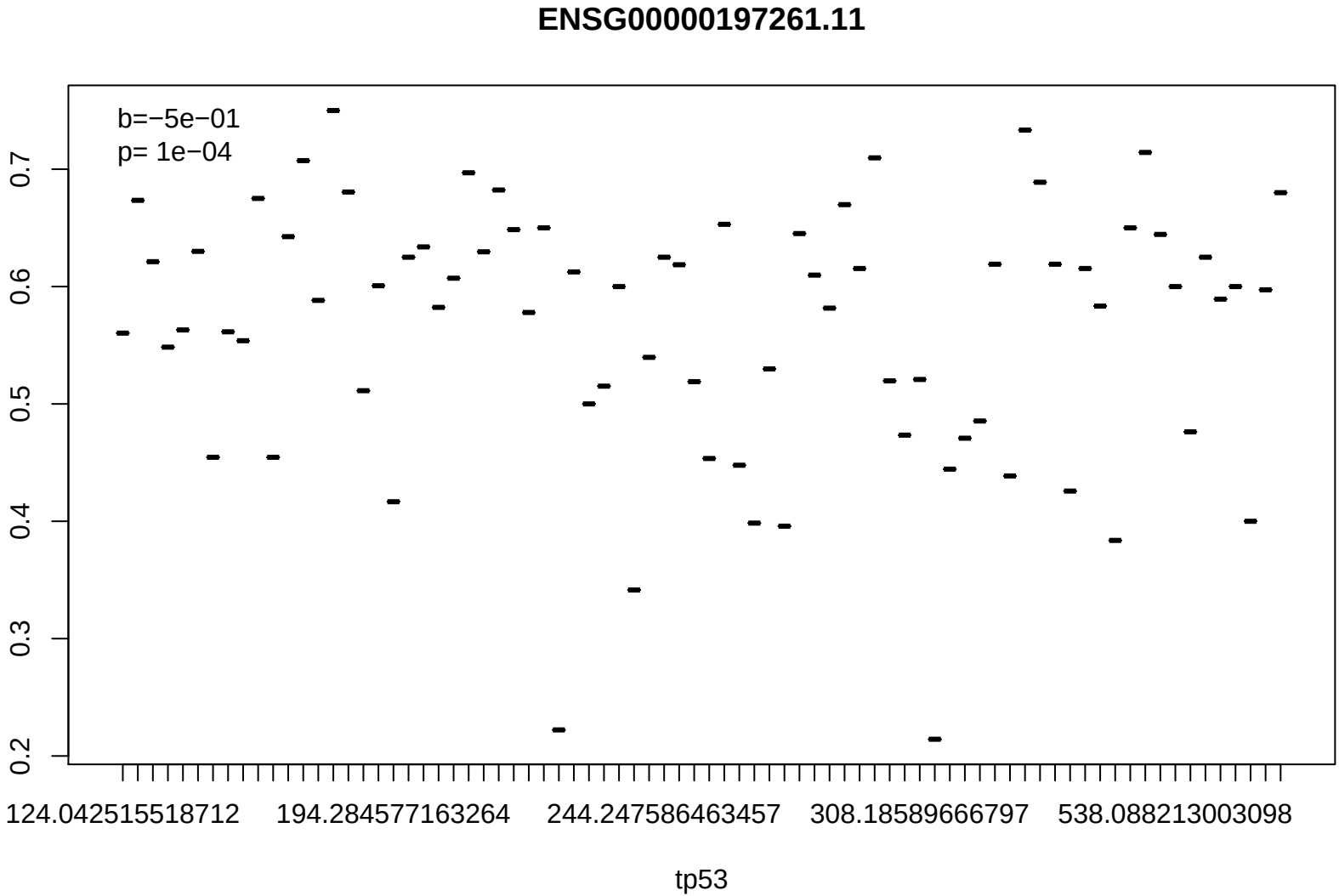

ENSG00000186868.15
b=−2e−01
p= 3e−08
0.7
0.6
0.5
0.4
0.3
0.2
0.1
124.042515518712
188.223672865465
252.632858928131
318.362124762574
504.200205904559
tp53

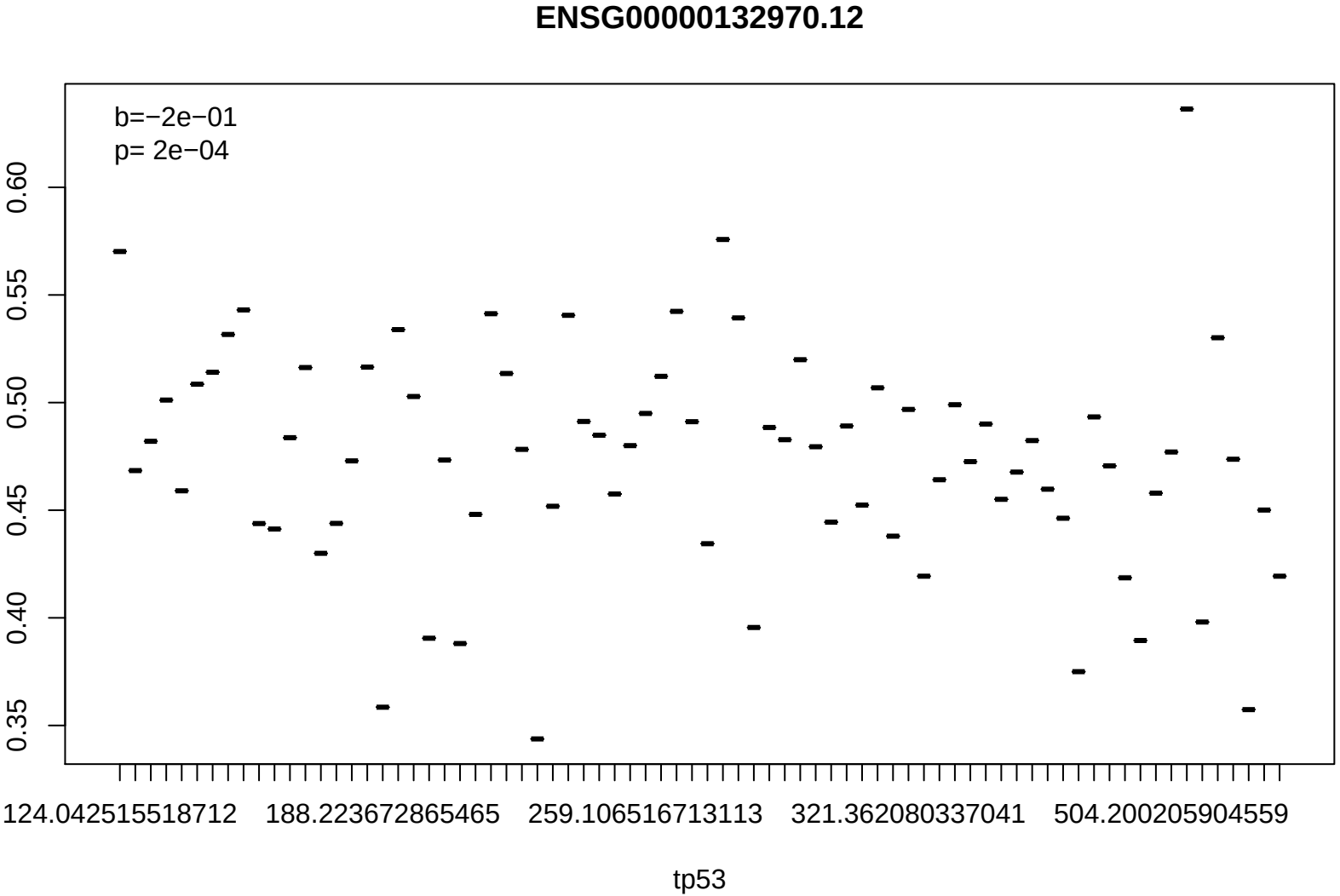

ENSG00000177697.17
b=−3e−01
p= 1e−06
0.50
0.45
0.40
0.35
0.30
125.103122337295
191.232748156816
236.283949779992
307.9111458018
437.936779102483
tp53

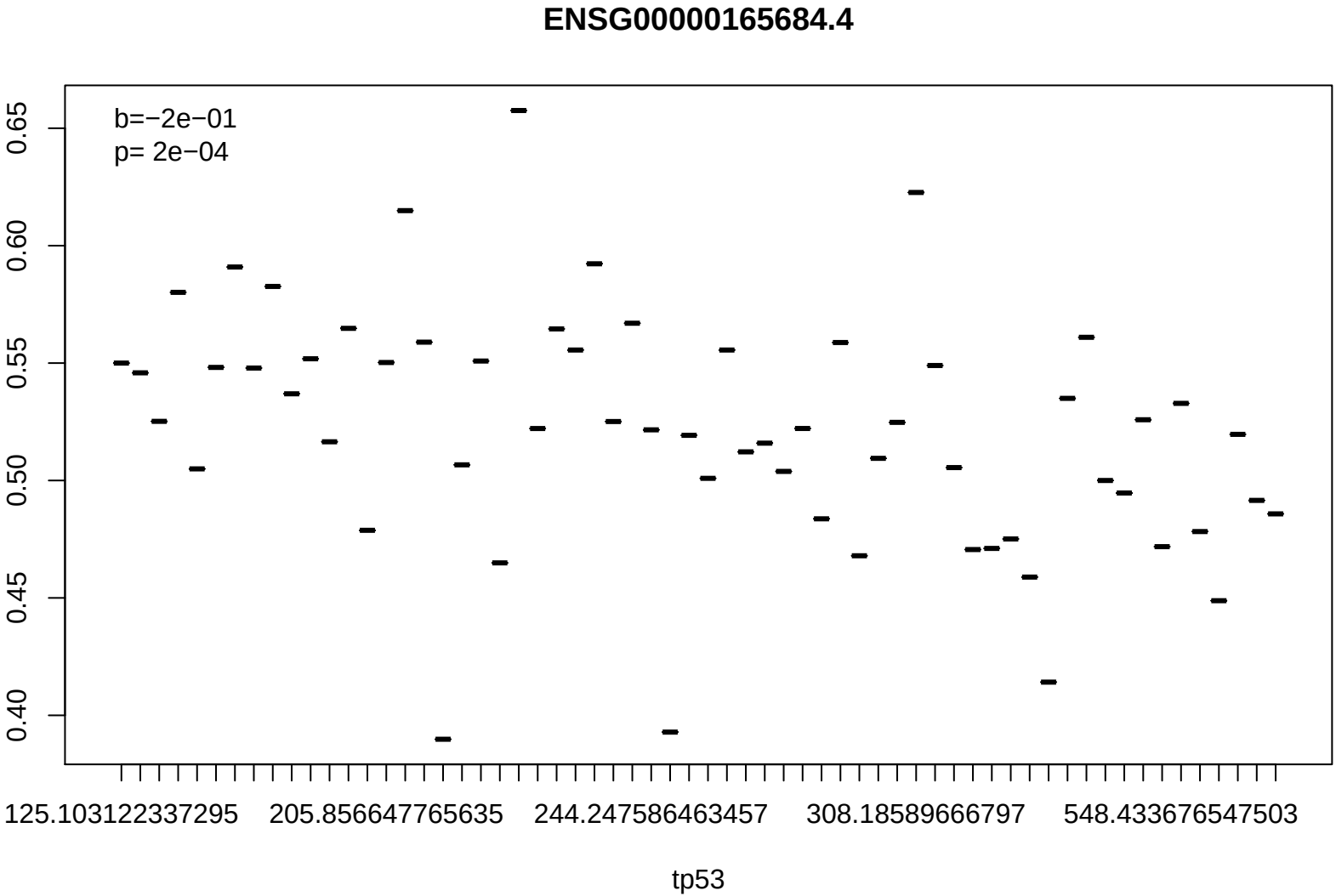

ENSG00000198756.10
b=−5e−01
p= 9e−06
0.3
0.4
0.5
0.6
125.103122337295
199.383008299
234.073062172137
280.140249462116
466.142764344332
tp53

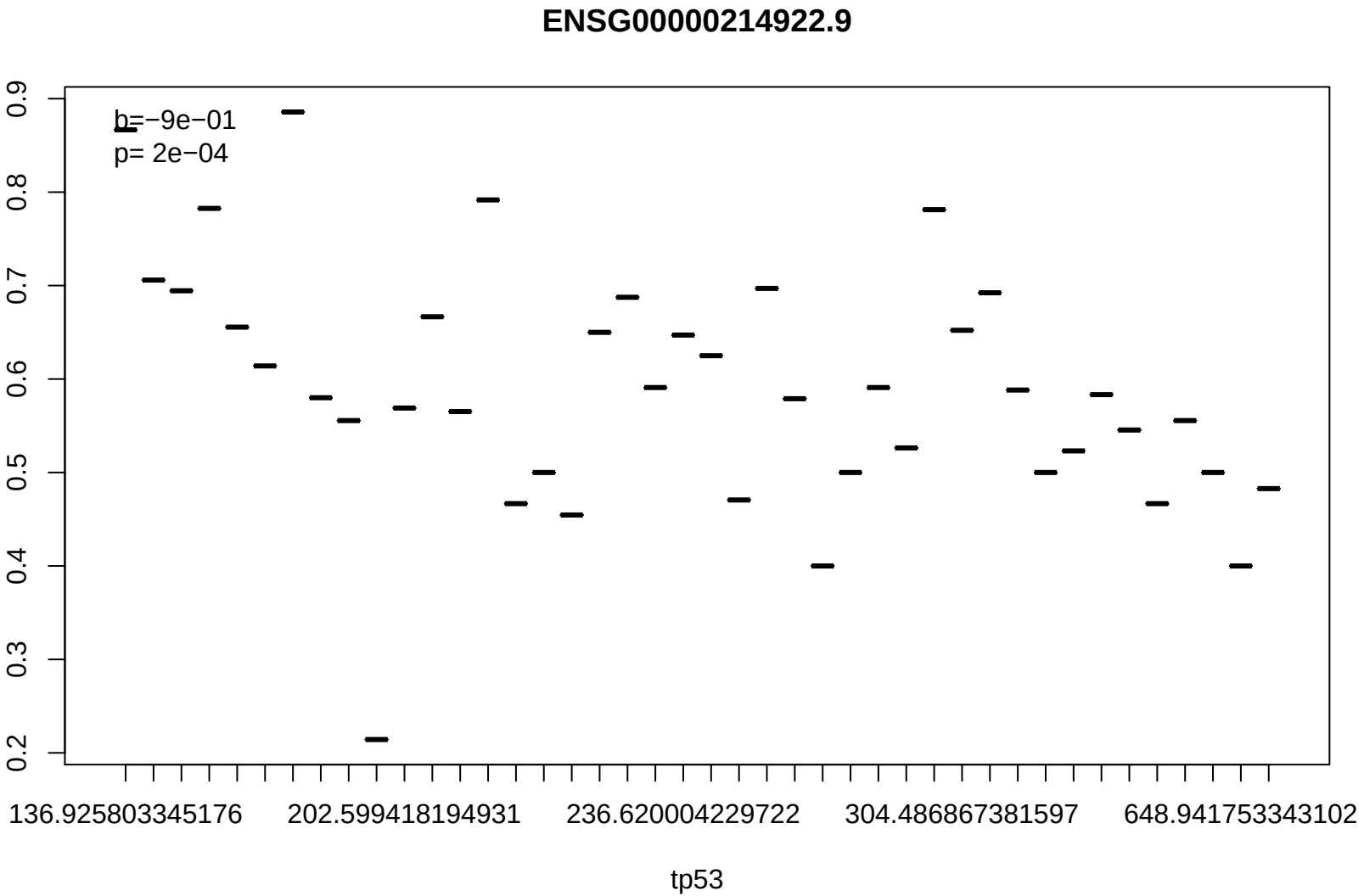

ENSG00000117525.13
b=−3e−01
p= 1e−05
0.6
0.5
0.4
0.3
0.2
124.042515518712
199.383008299
236.283949779992
289.021936157109
548.433676547503
tp53

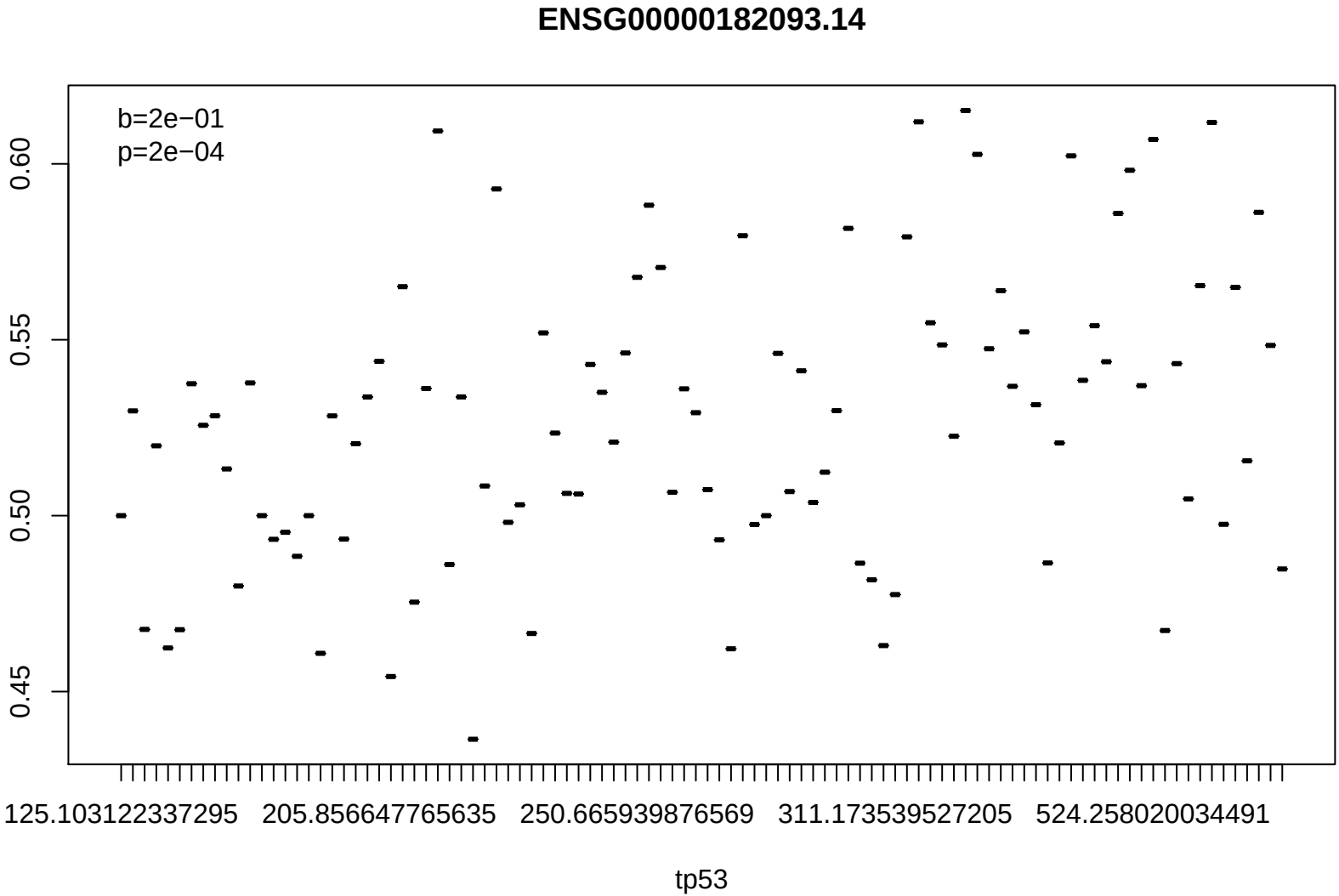

ENSG00000119943.12
b=−5e−01
p=−2e−05
0.5
0.4
0.3
0.2
128.114947551621
199.383008299
236.620004229722
302.585251066925
494.491009211917
tp53

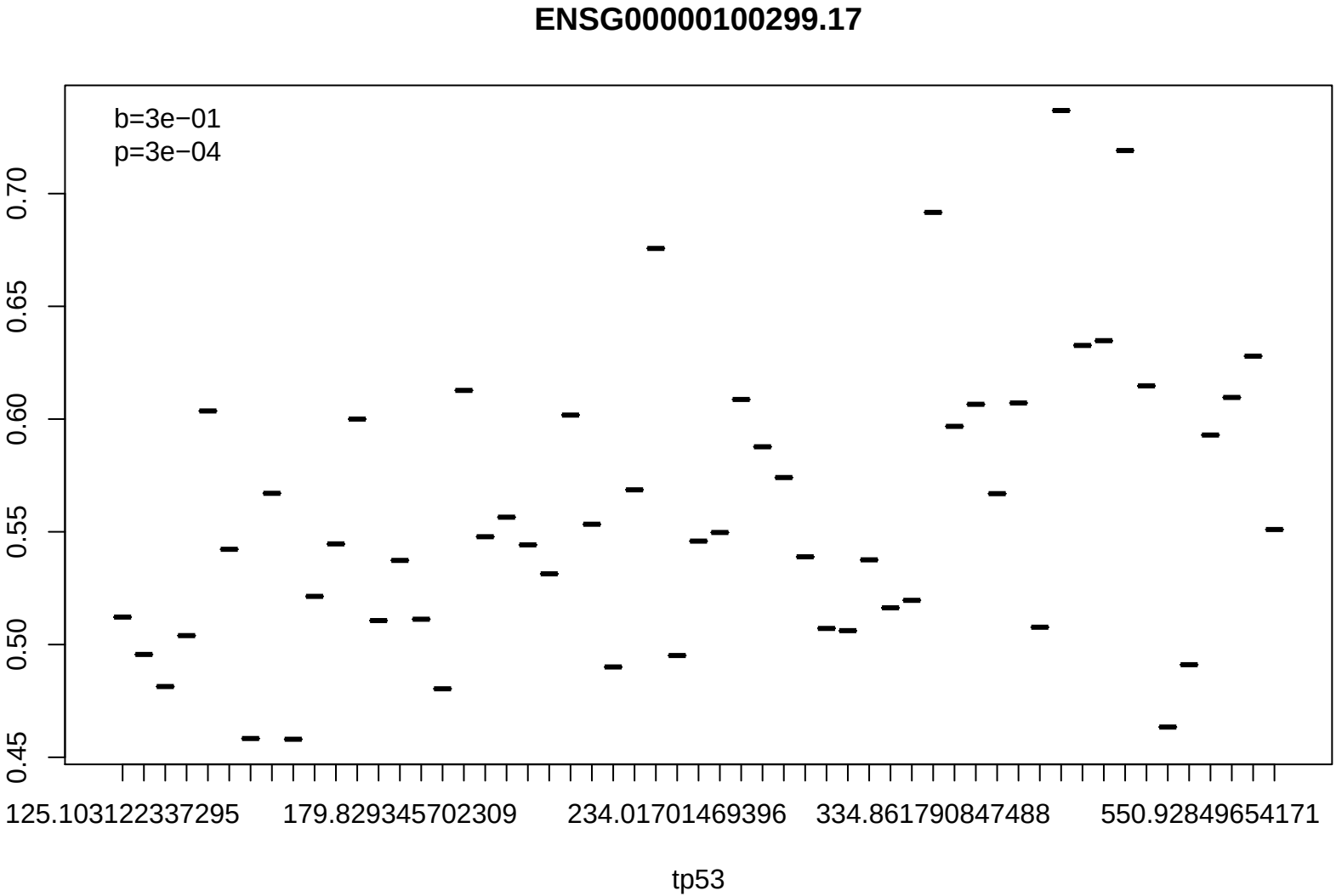

ENSG00000197261.11
b=−5e−01
p= 1e−04
0.2
0.3
0.4
0.5
0.6
0.7
124.042515518712
194.284577163264
244.247586463457
308.18589666797
538.088213003098
tp53

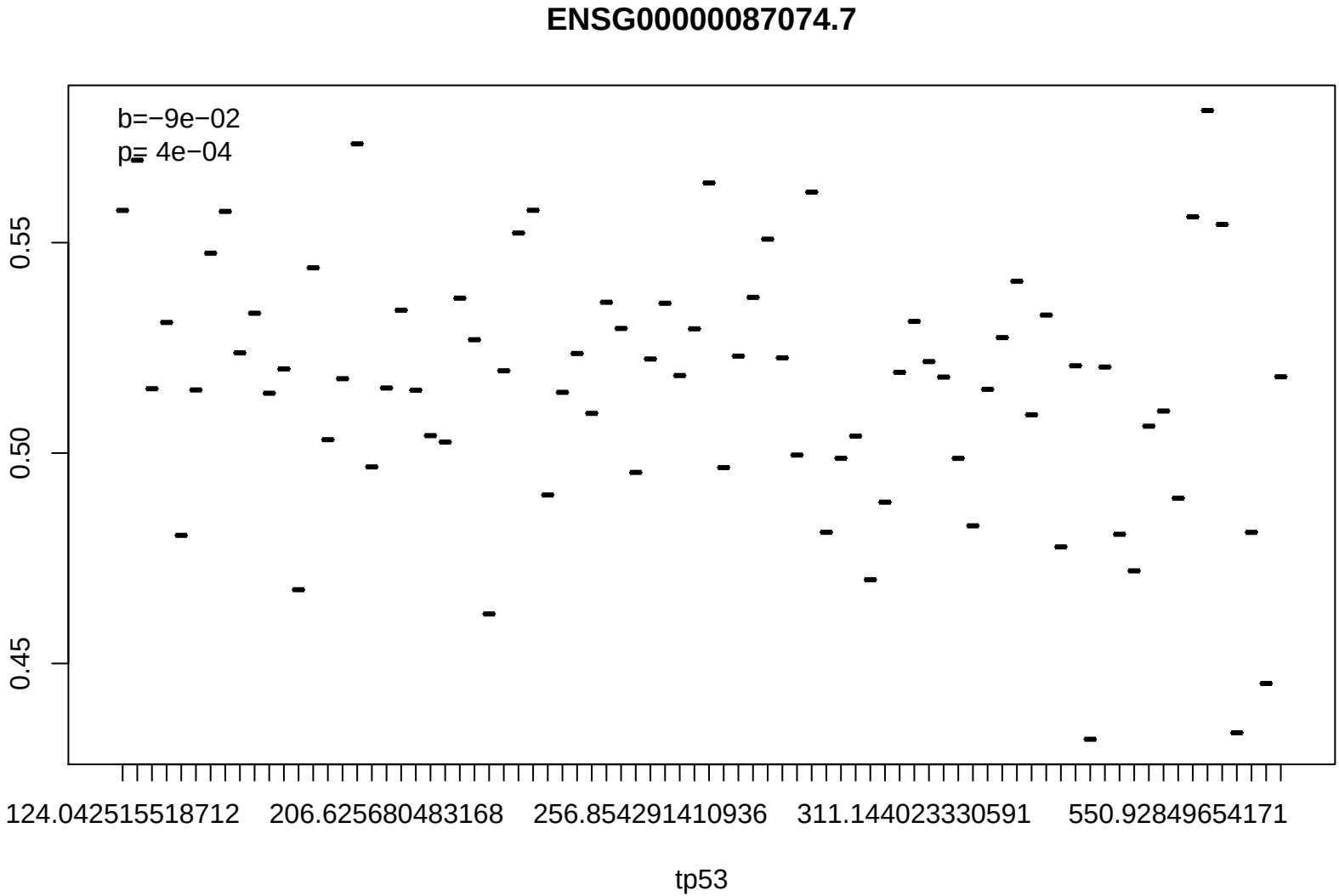

ENSG00000132970.12
b=−2e−01
p= 2e−04
0.60
0.55
0.50
0.45
0.40
0.35
124.042515518712
188.223672865465
259.106516713113
321.362080337041
504.200205904559
tp53

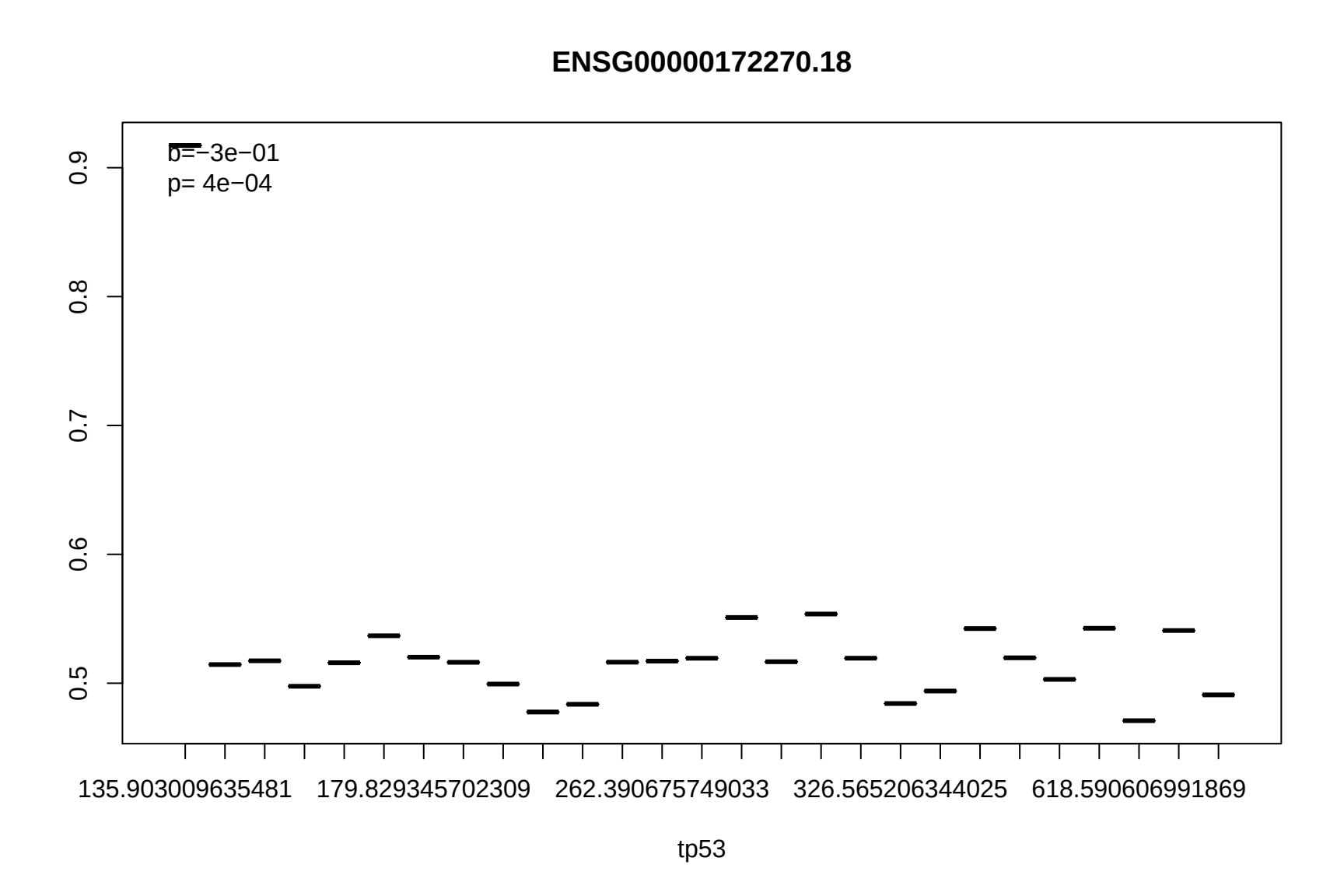

ENSG00000165684.4
b=−2e−01
p= 2e−04
0.65
0.60
0.55
0.50
0.45
0.40
125.103122337295
205.856647765635
244.247586463457
308.18589666797
548.433676547503
tp53

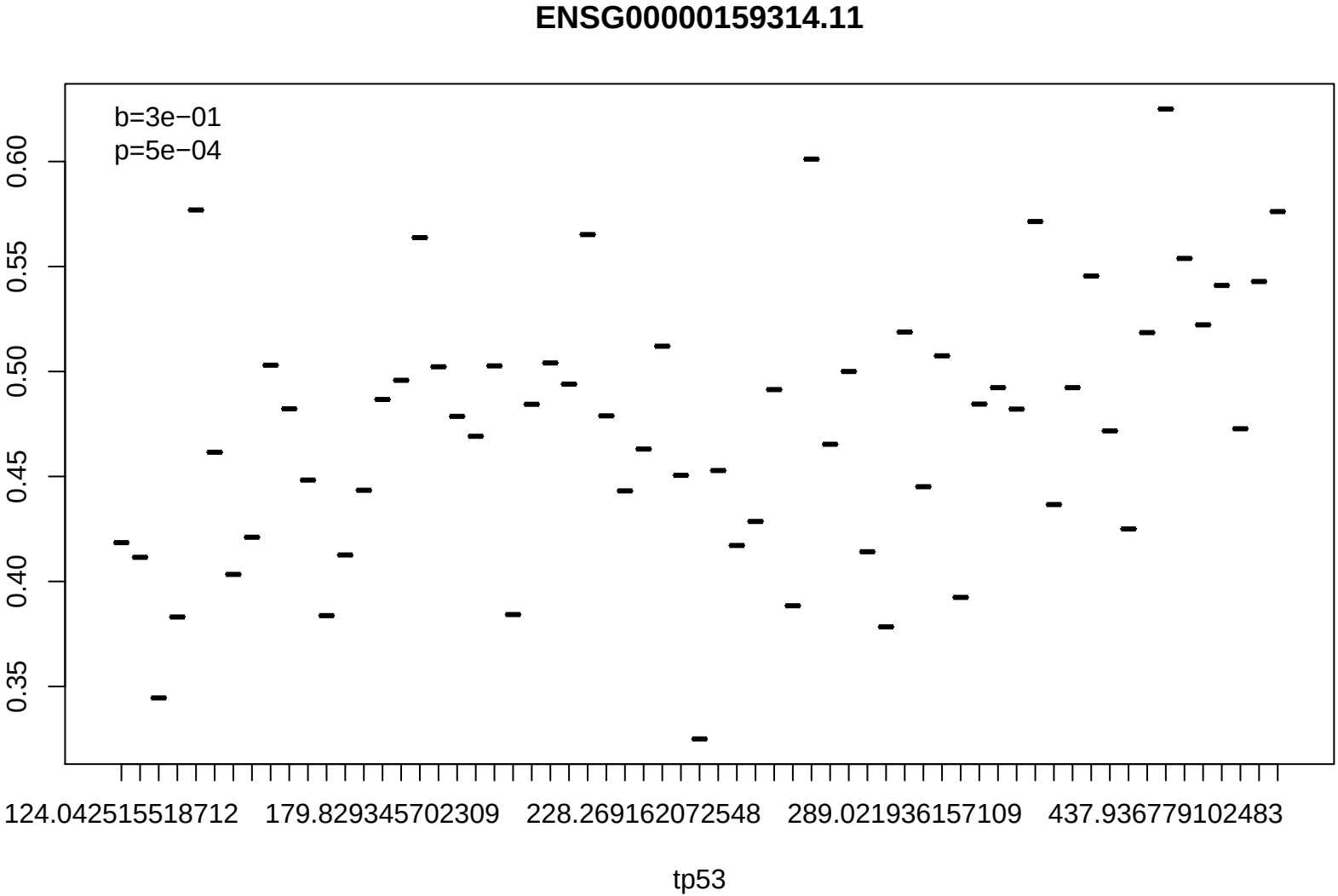

ENSG00000214922.9
b=−9e−01
p= 2e−04
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
136.925803345176
202.599418194931
236.620004229722
304.486867381597
648.941753343102
tp53

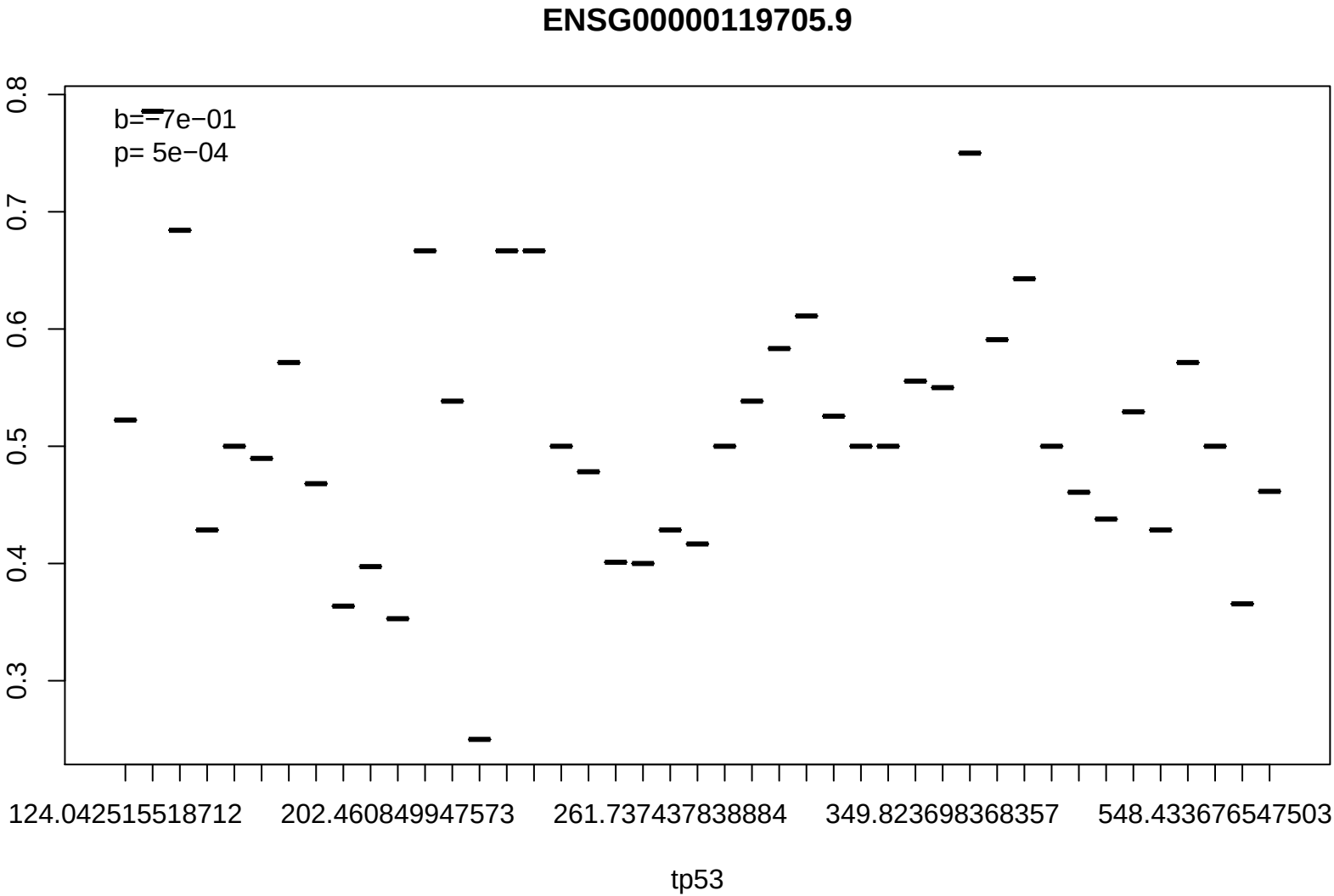

ENSG00000182093.14
b=2e−01
p=2e−04
0.60
0.55
0.50
0.45
125.103122337295
205.856647765635
250.665939876569
311.173539527205
524.258020034491
tp53

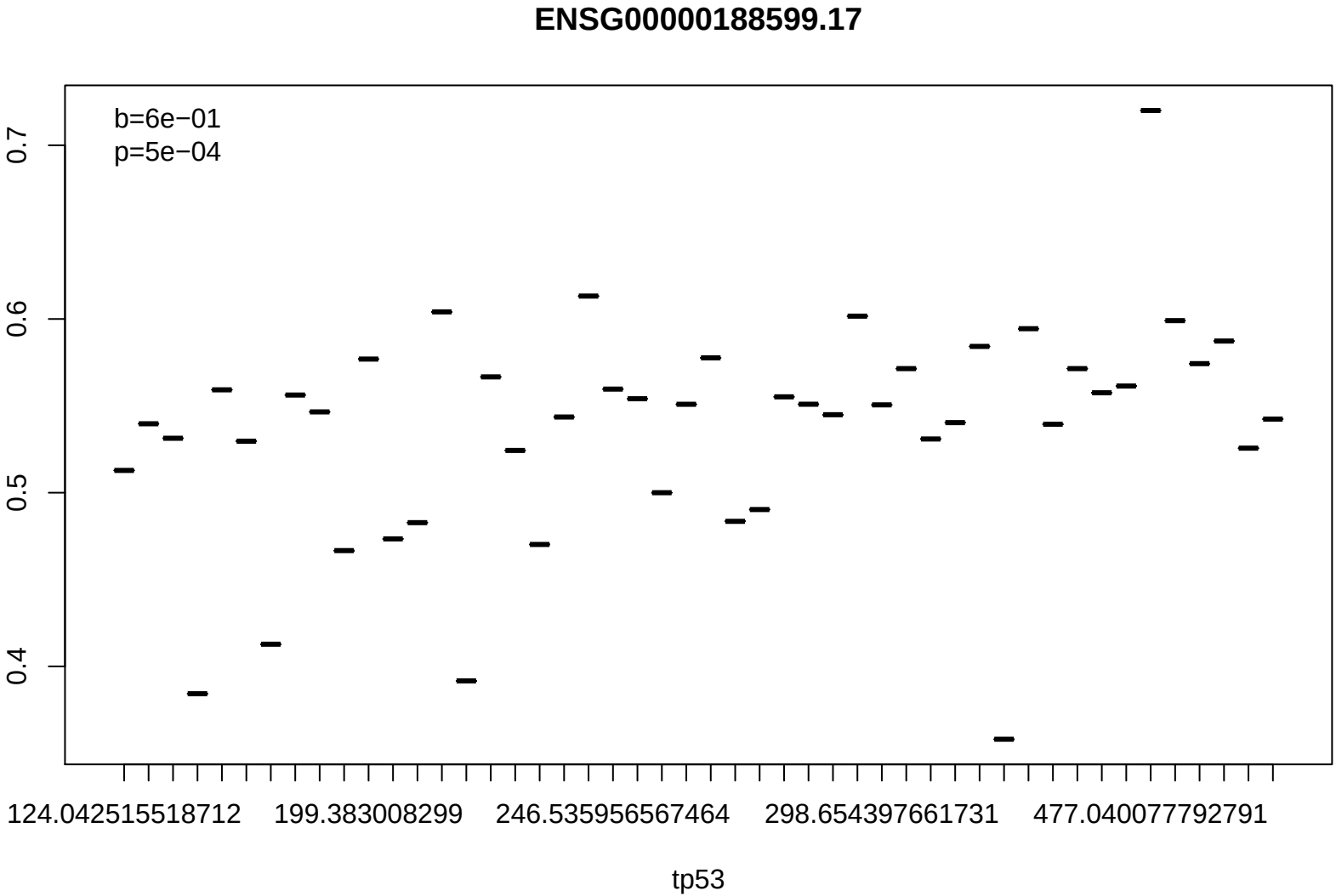

ENSG00000100299.17
b=3e−01
p=3e−04
0.70
0.65
0.60
0.55
0.50
0.45
125.103122337295
179.829345702309
234.01701469396
334.861790847488
550.92849654171
tp53

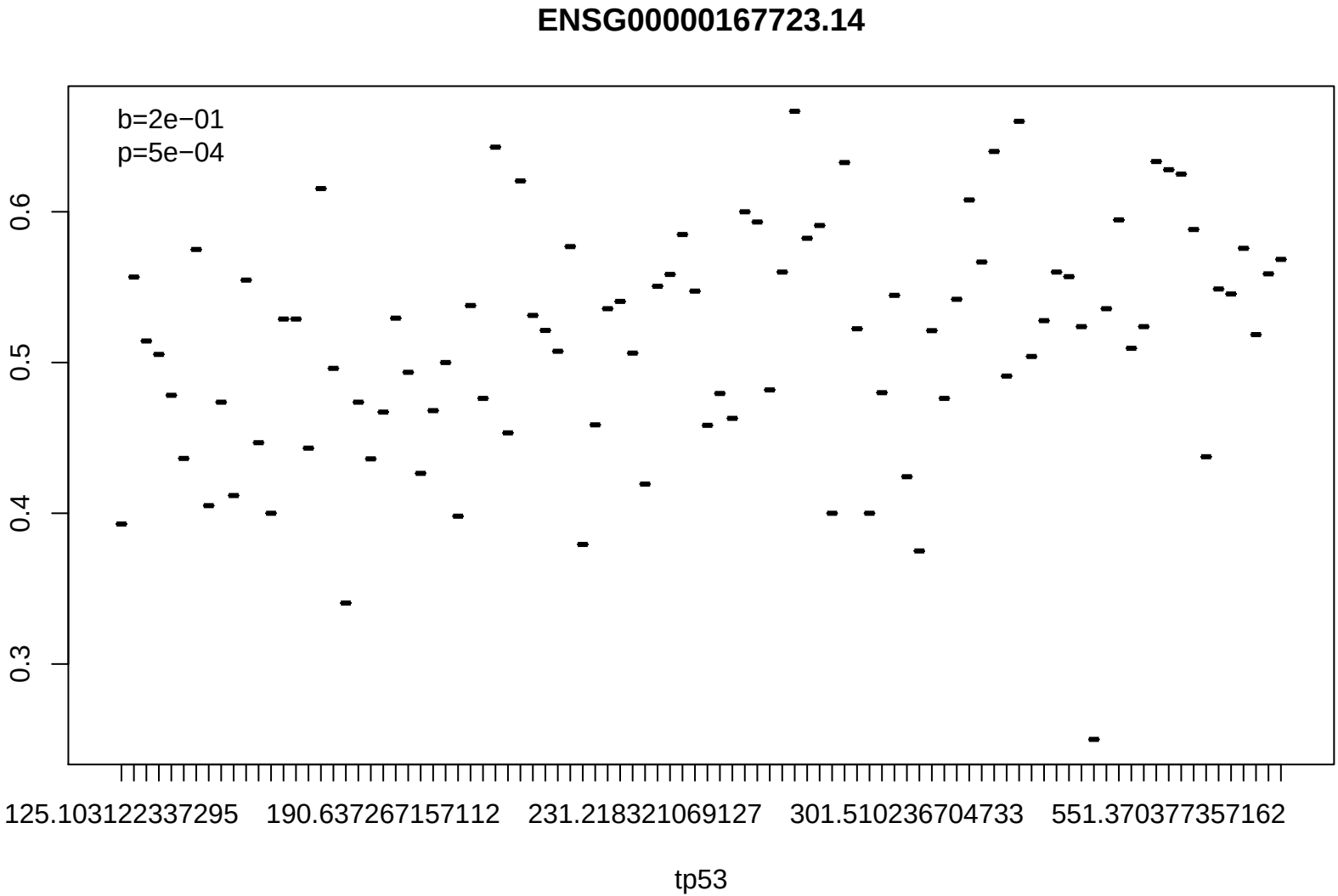

ENSG00000087074.7
b=−9e−02
p= 4e−04
0.55
0.50
0.45
124.042515518712
206.625680483168
256.854291410936
311.144023330591
550.92849654171
tp53

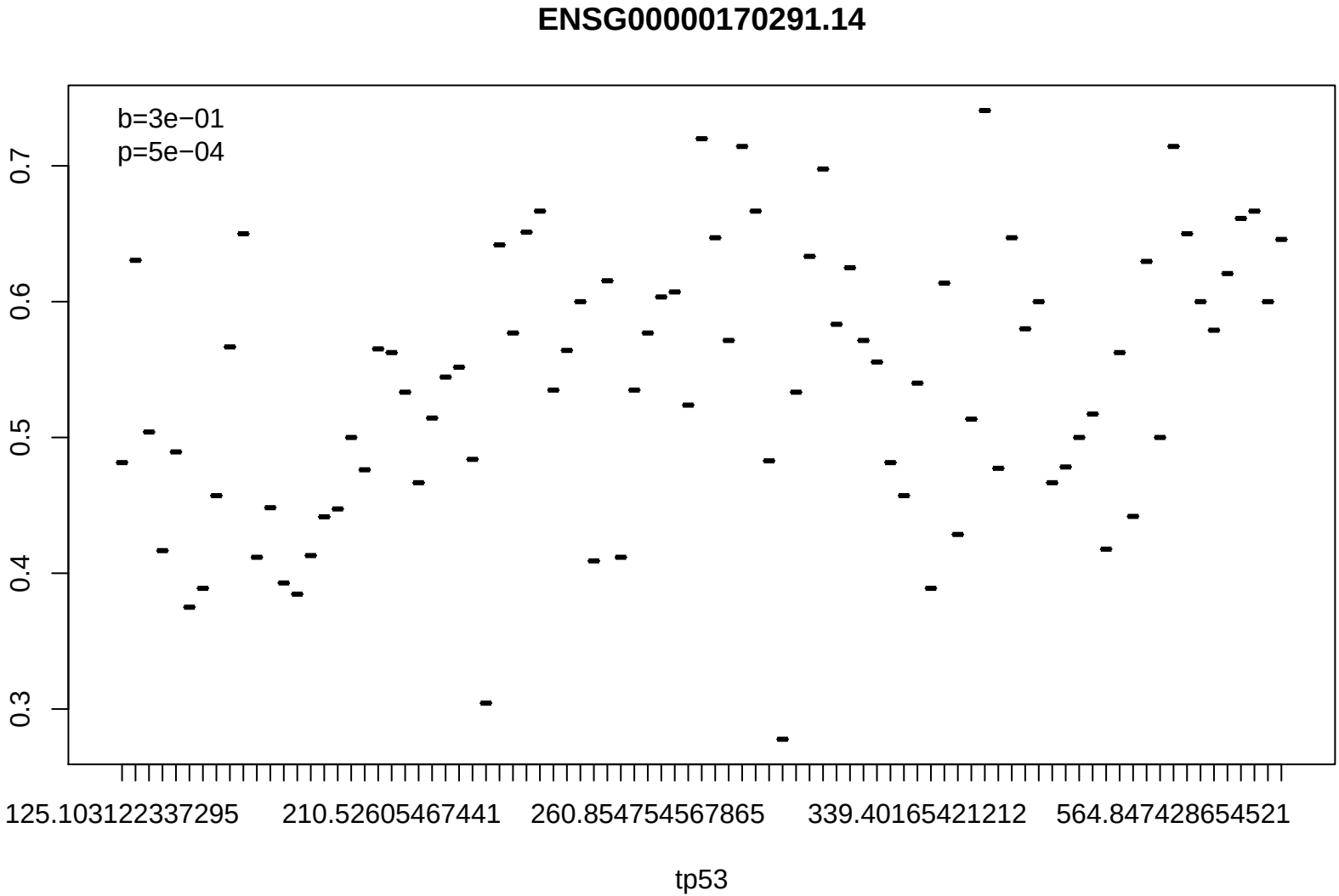

ENSG00000172270.18
b=−3e−01
p= 4e−04
0.9
0.8
0.7
0.6
0.5
135.903009635481
179.829345702309
262.390675749033
326.565206344025
618.590606991869
tp53

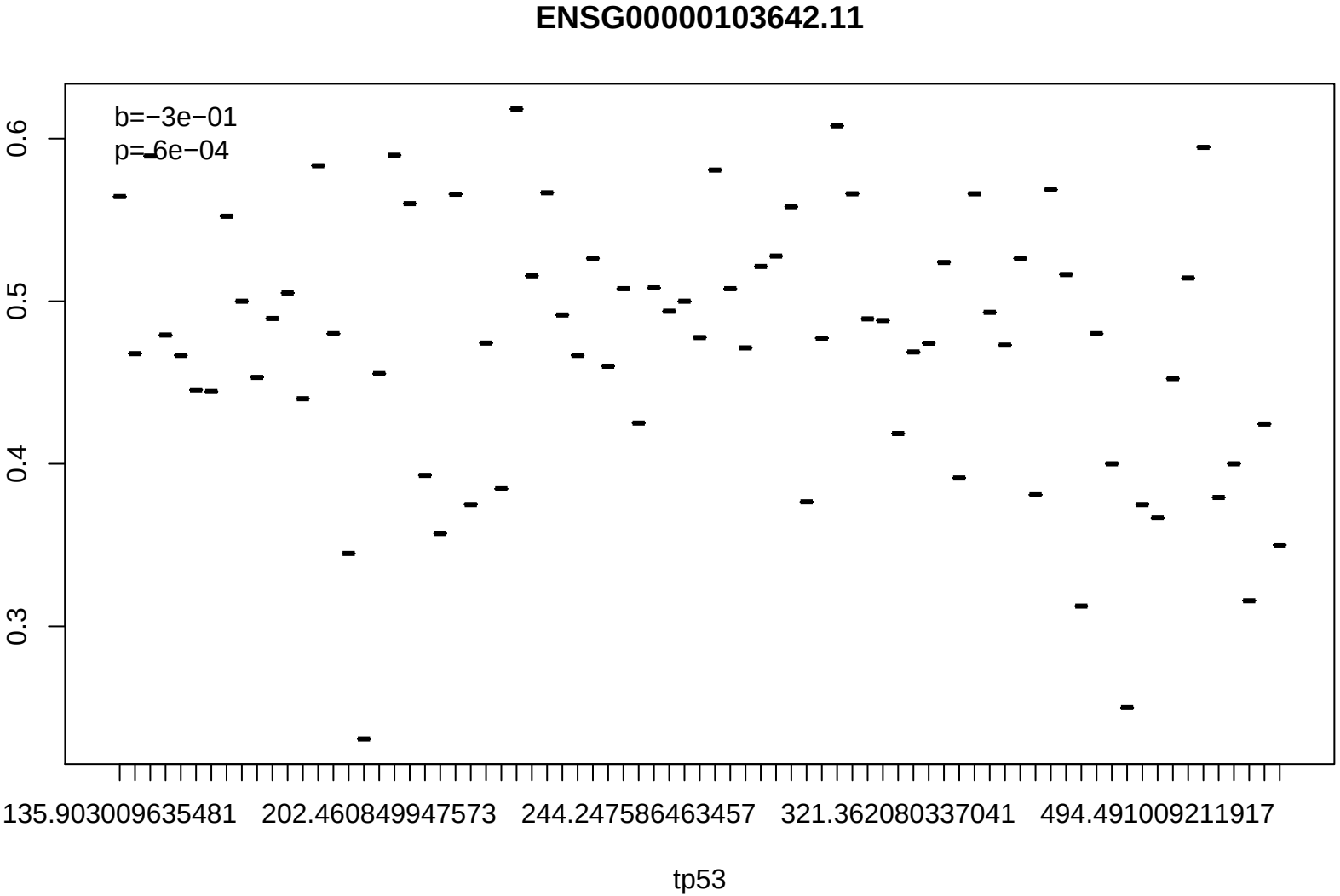

ENSG00000159314.11
b=3e−01
p=5e−04
0.35
0.40
0.45
0.50
0.55
0.60
124.042515518712
179.829345702309
228.269162072548
289.021936157109
437.936779102483
tp53

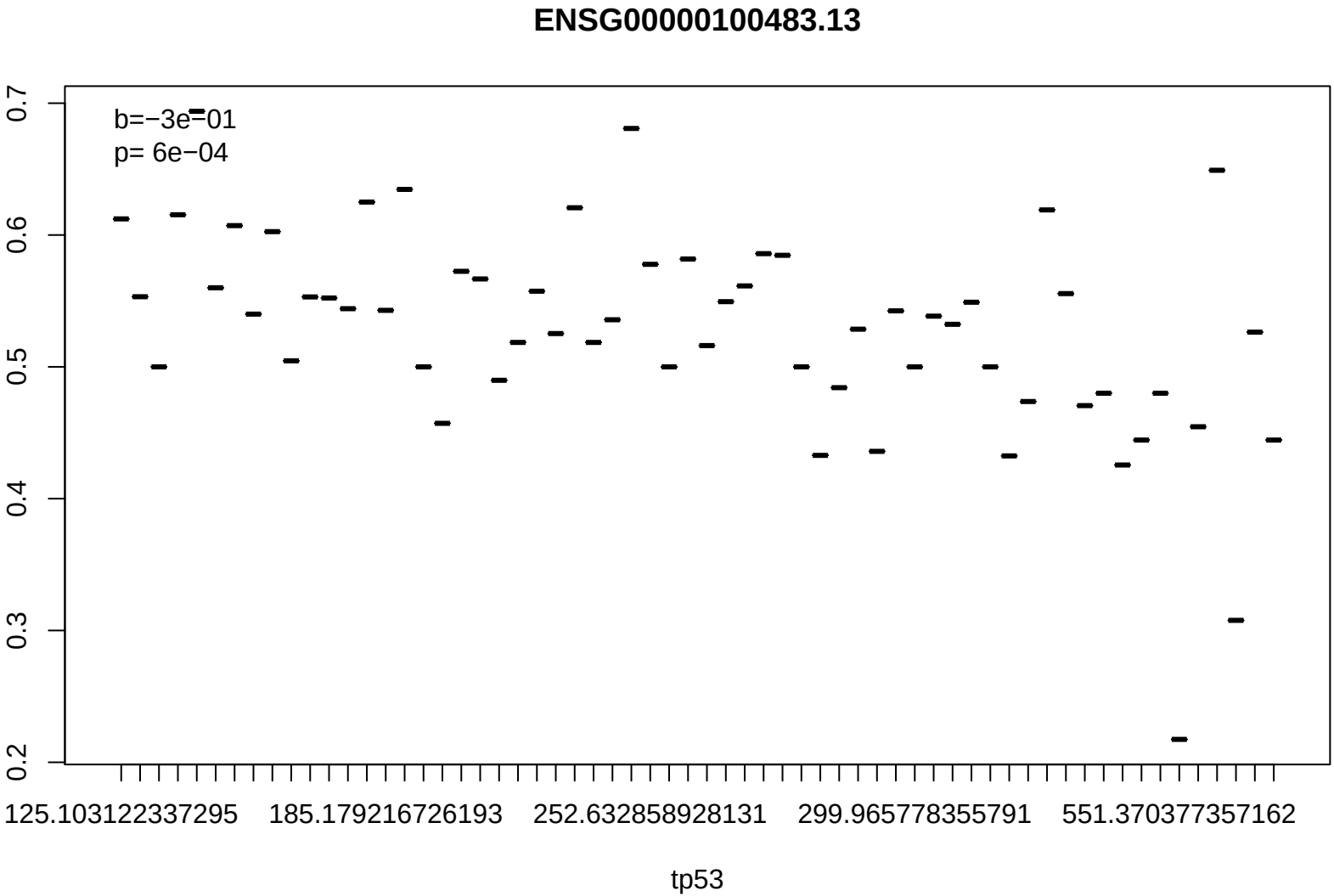

ENSG00000119705.9
b=−7e−01
p= 5e−04
0.8
0.7
0.6
0.5
0.4
0.3
124.042515518712
202.460849947573
261.737437838884
349.823698368357
548.433676547503
tp53

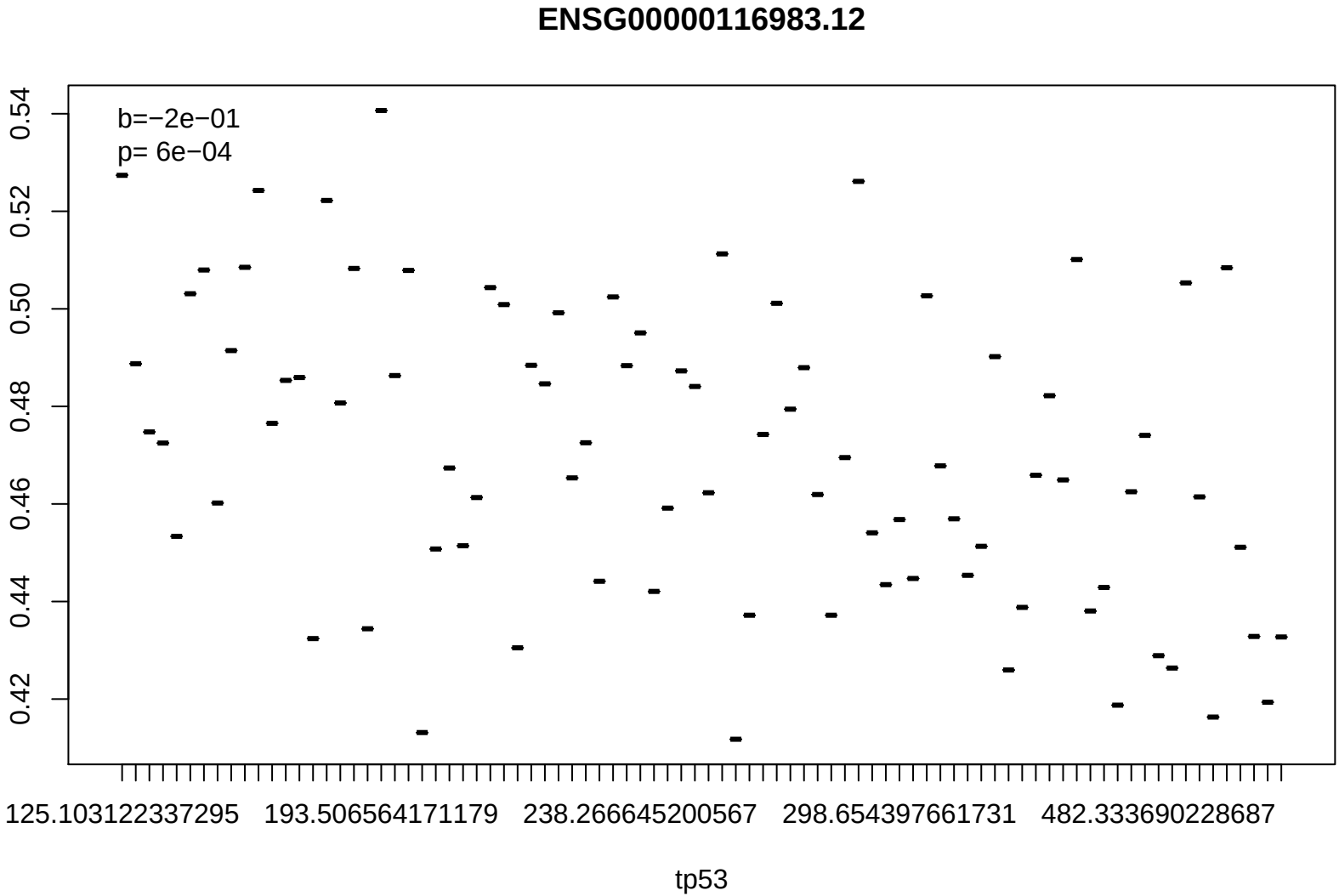

ENSG00000188599.17
b=6e−01
p=5e−04
0.7
0.6
0.5
0.4
124.042515518712
199.383008299
246.535956567464
298.654397661731
477.040077792791
tp53

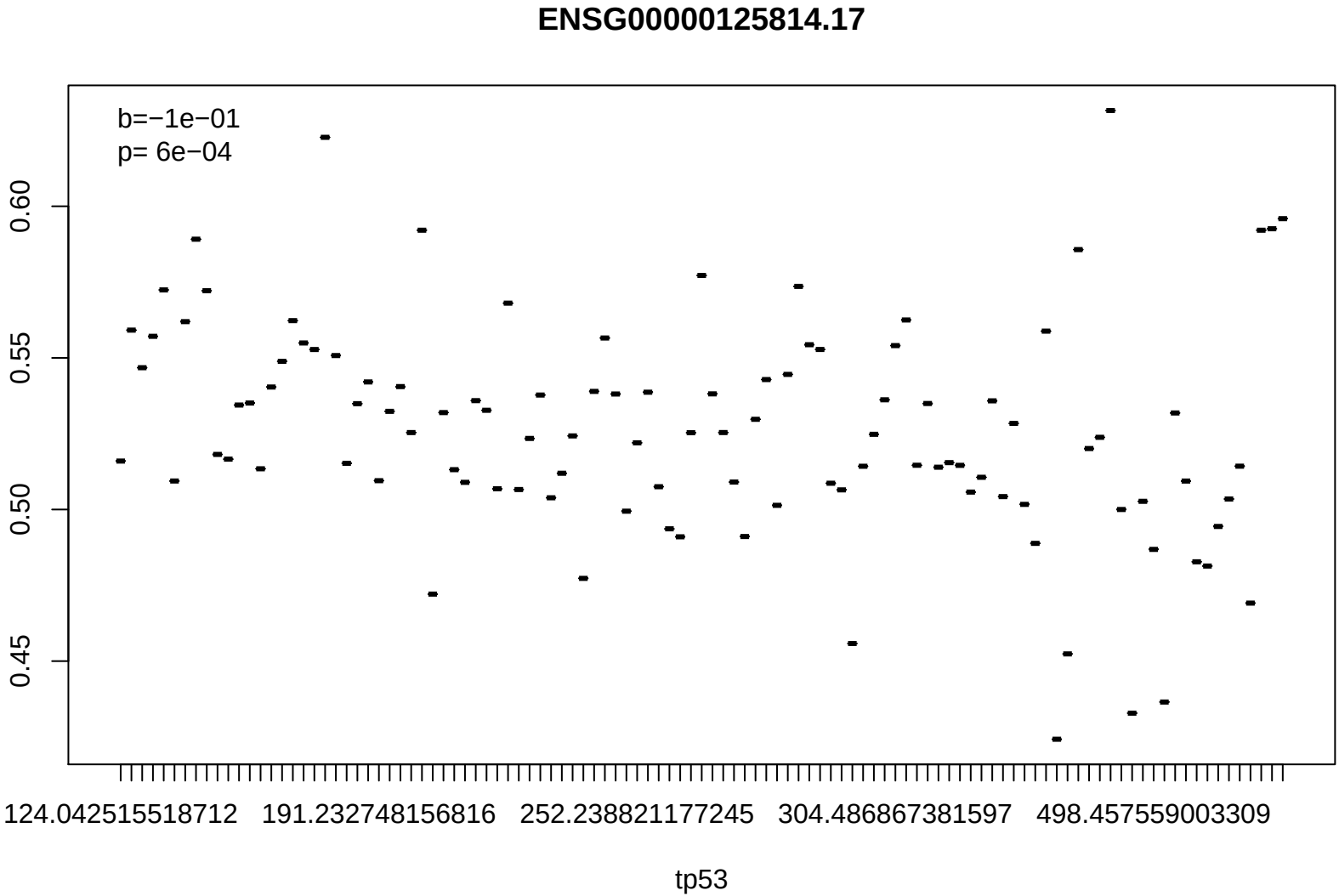

ENSG00000167723.14
b=2e−01
p=5e−04
0.6
0.5
0.4
0.3
125.103122337295
190.637267157112
231.218321069127
301.510236704733
551.370377357162
tp53

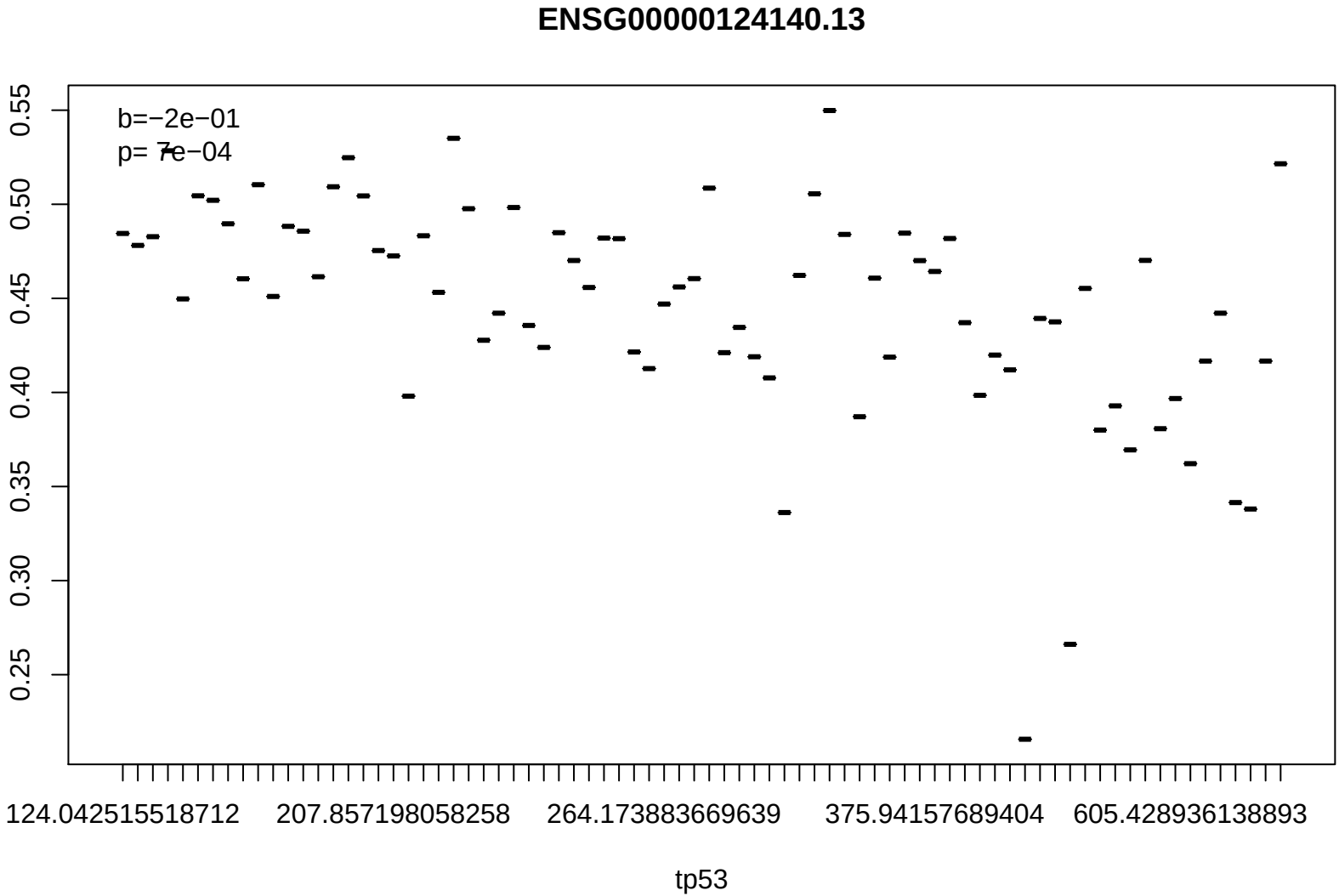

ENSG00000170291.14
b=3e−01
p=5e−04
0.3
0.4
0.5
0.6
0.7
125.103122337295
210.52605467441
260.854754567865
339.40165421212
564.847428654521
tp53

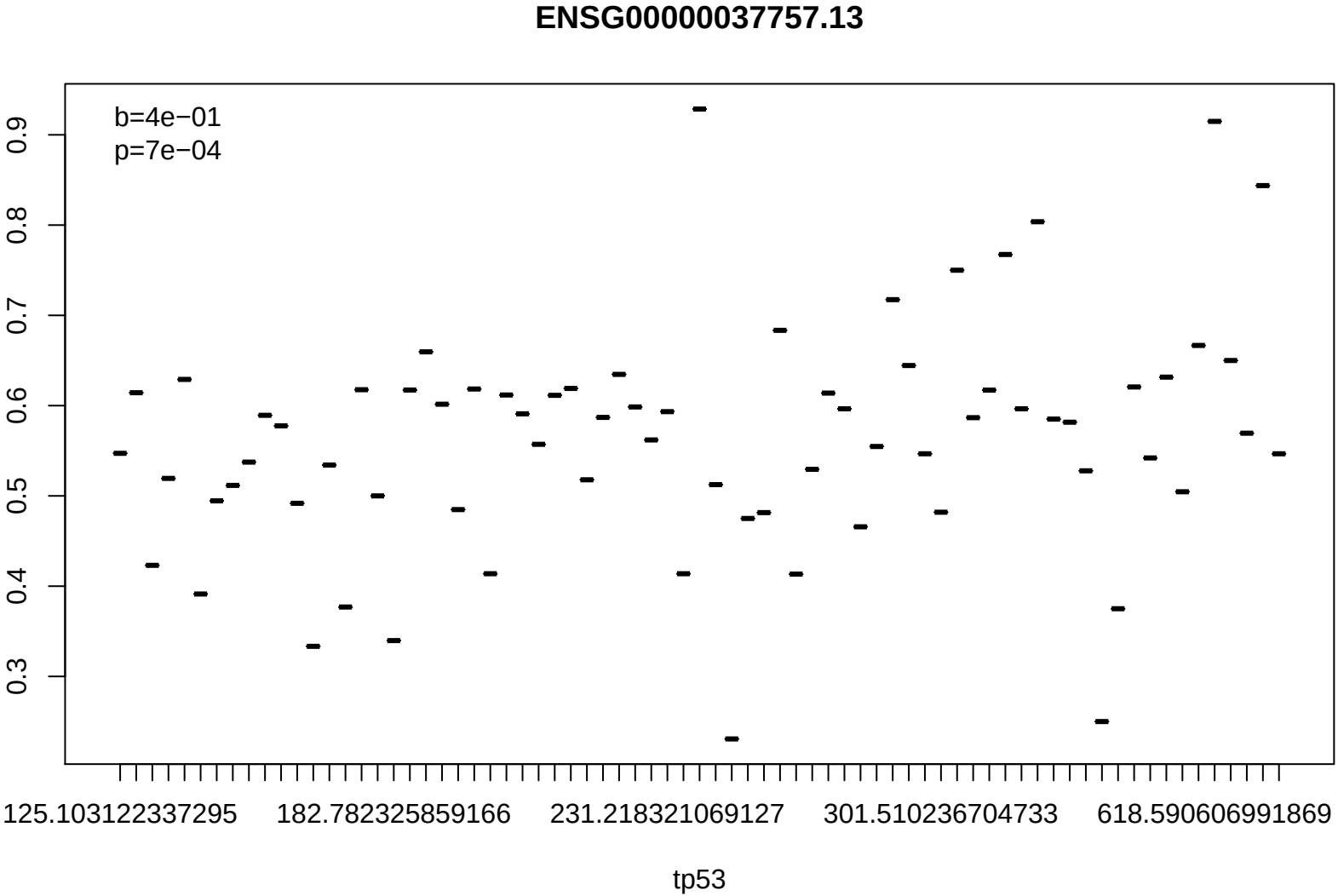

ENSG00000103642.11
b=−3e−01
p=6e−04
0.6
0.5
0.4
0.3
135.903009635481
202.460849947573
244.247586463457
321.362080337041
494.491009211917
tp53

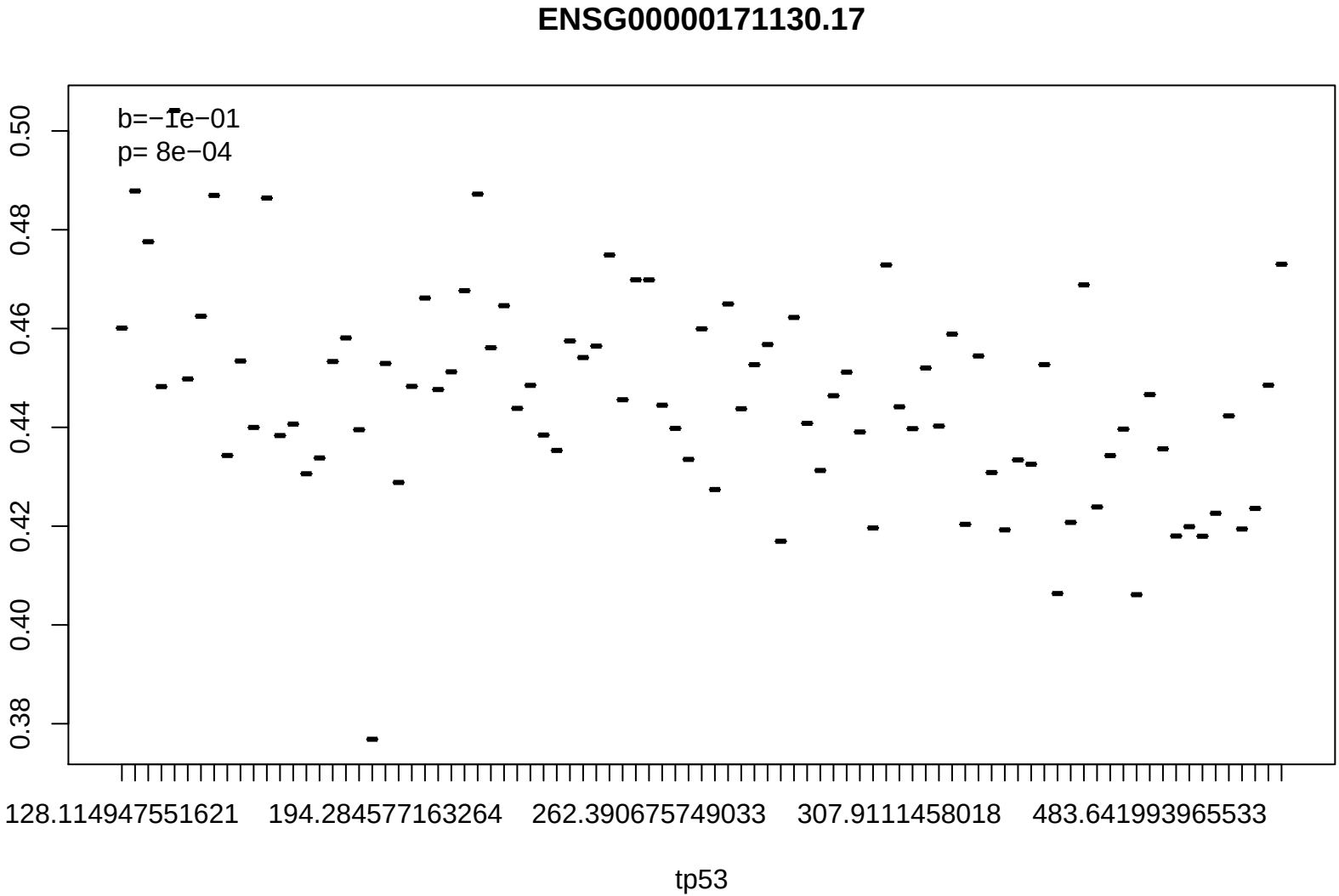

ENSG00000100483.13
b=−3e−01
p= 6e−04
0.7
0.6
0.5
0.4
0.3
0.2
125.103122337295
185.179216726193
252.632858928131
299.965778355791
551.370377357162
tp53

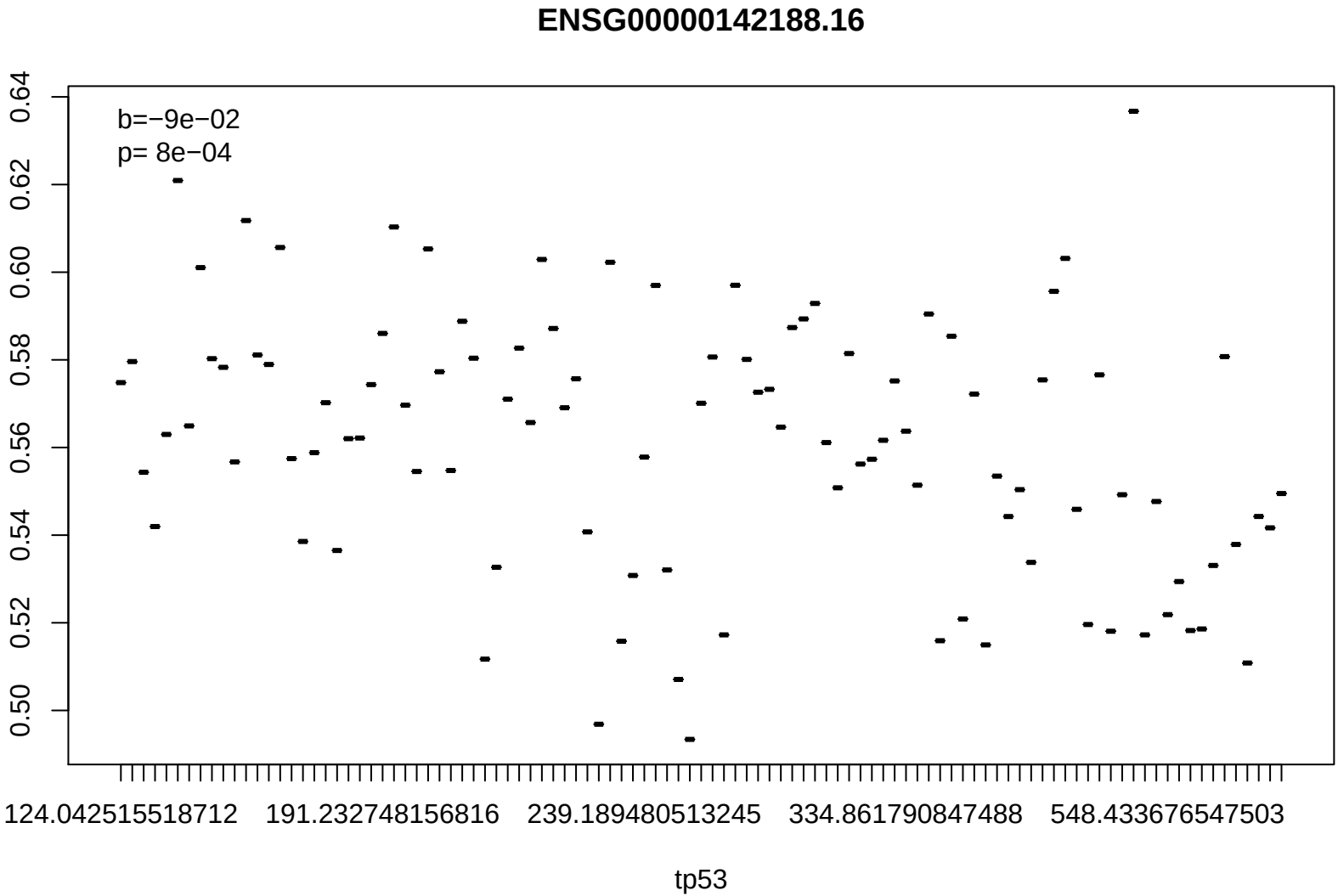

ENSG00000116983.12
b=−2e−01
p= 6e−04
0.54
0.52
0.50
0.48
0.46
0.44
0.42
125.103122337295
193.506564171179
238.266645200567
298.654397661731
482.333690228687
tp53

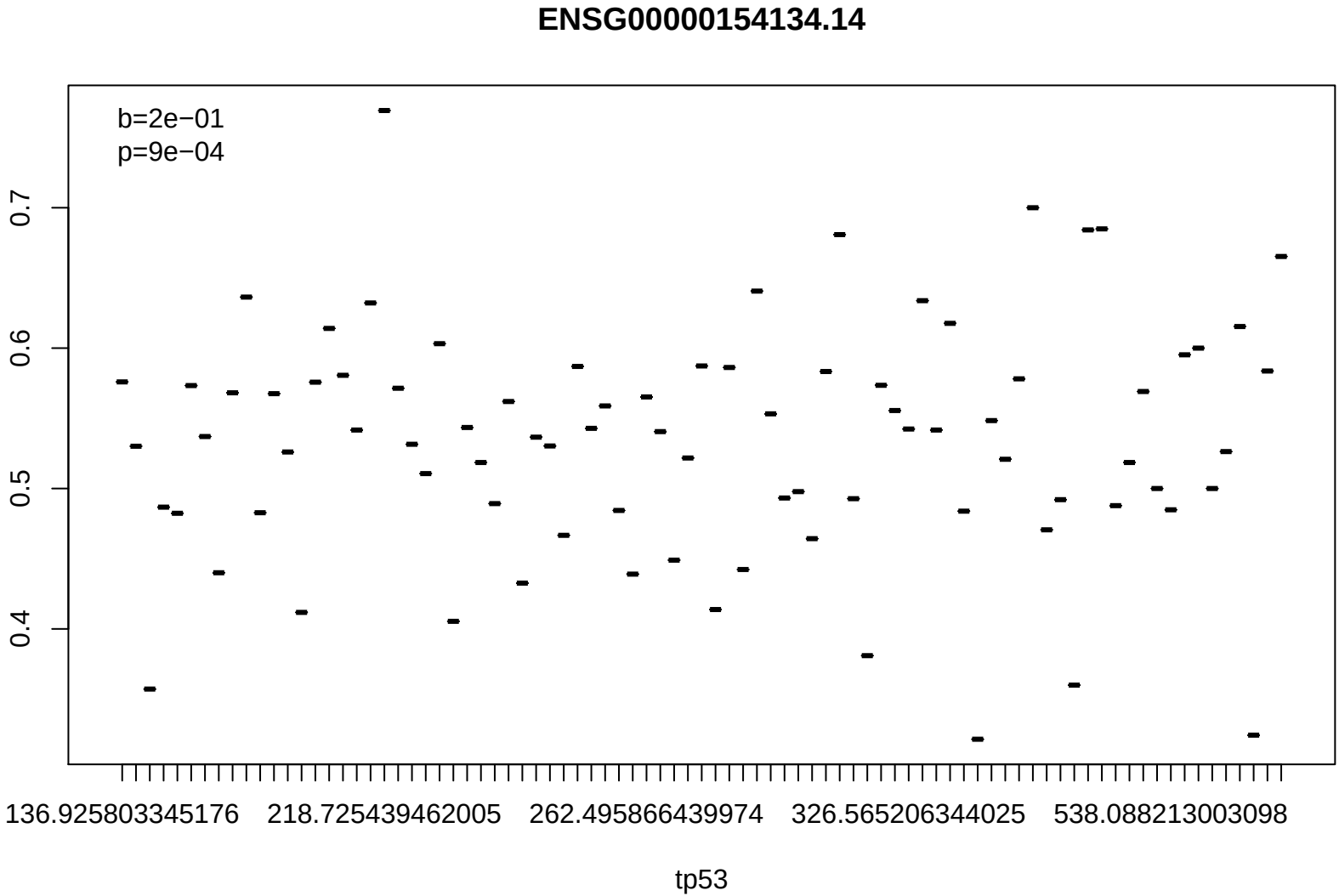

ENSG00000125814.17
b=−1e−01
p= 6e−04
0.60
0.55
0.50
0.45
124.042515518712
191.232748156816
252.238821177245
304.486867381597
498.457559003309
tp53

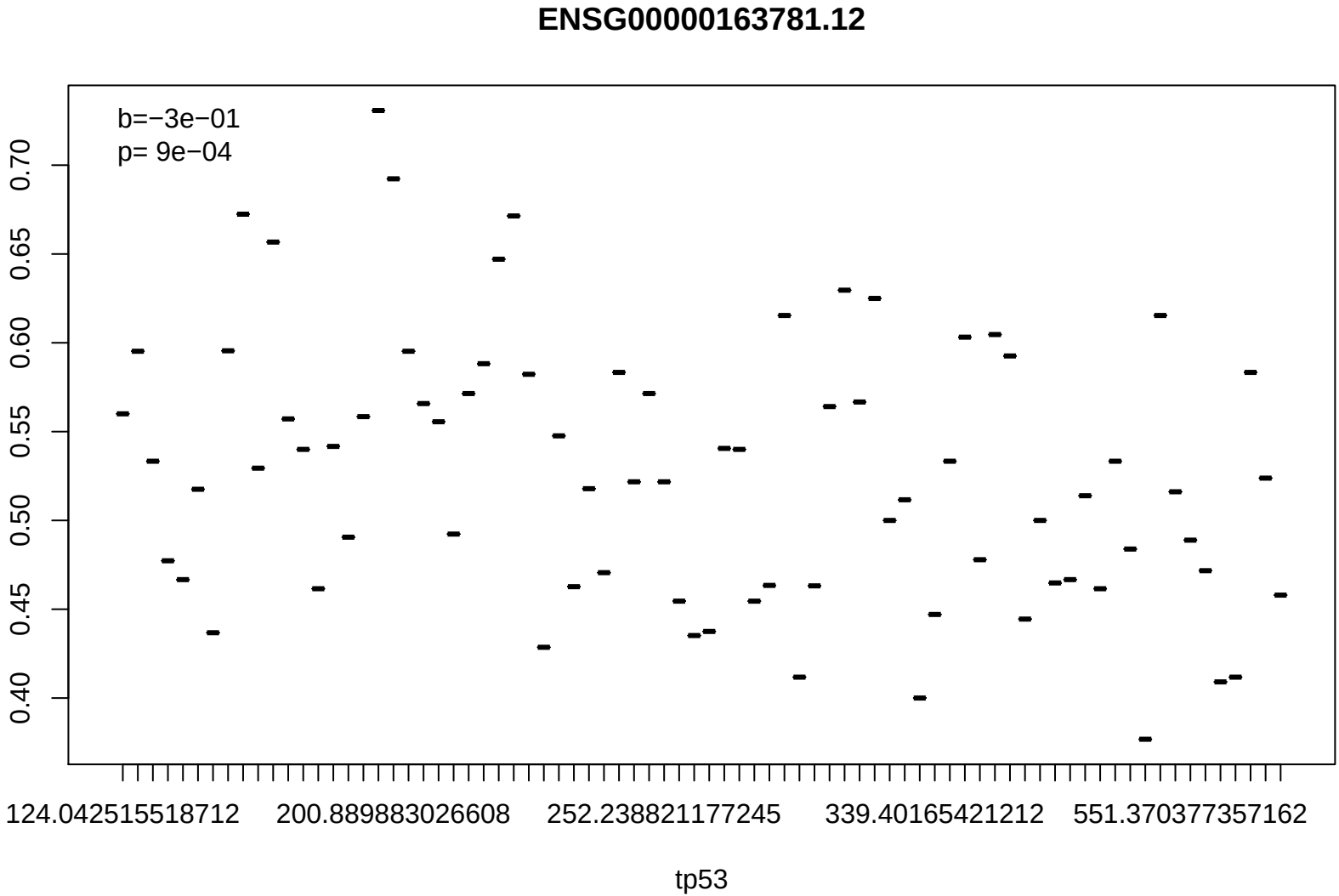

ENSG00000124140.13
b=−2e−01
p= 7e−04
0.55
0.50
0.45
0.40
0.35
0.30
0.25
124.042515518712
207.857198058258
264.173883669639
375.94157689404
605.428936138893
tp53

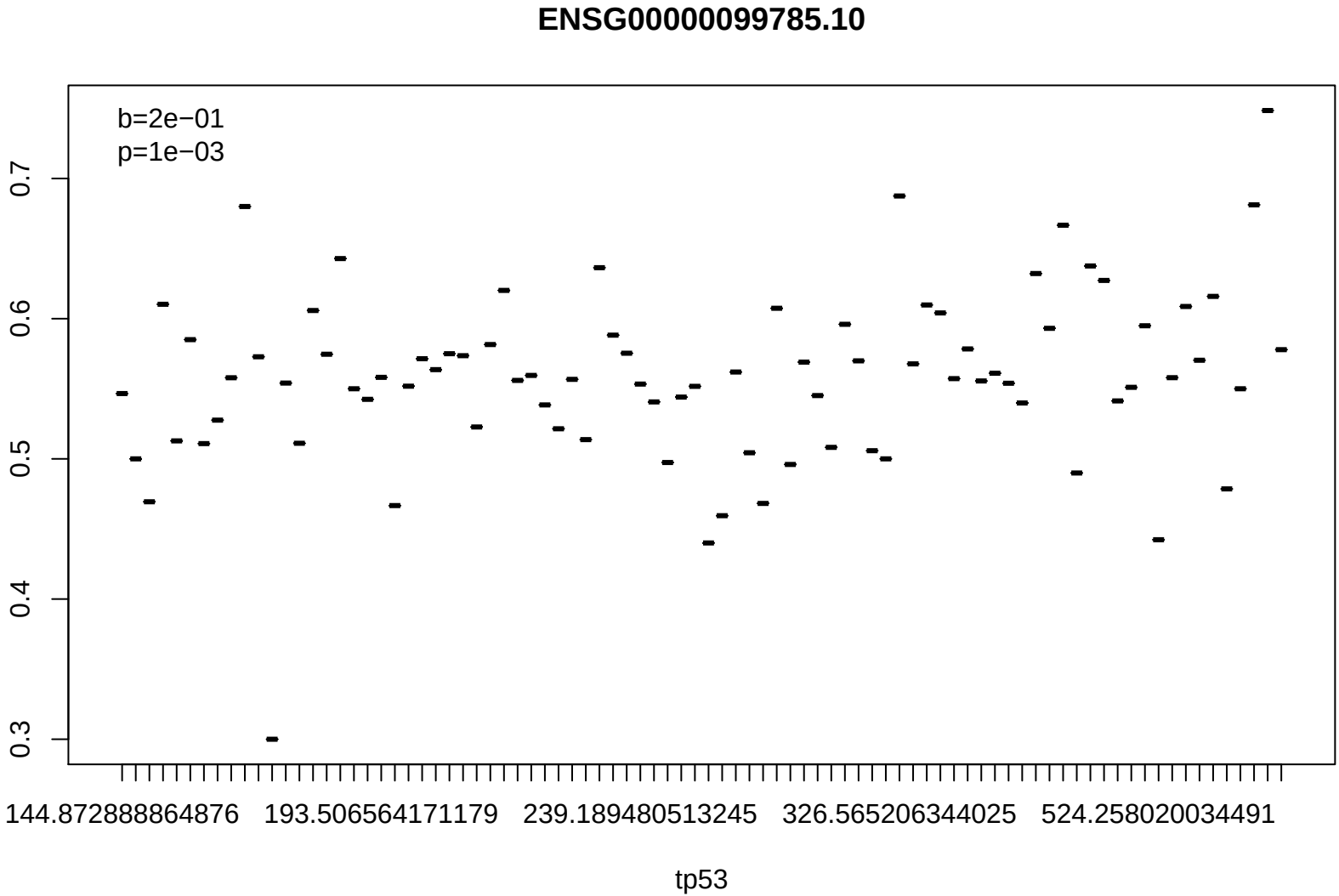

ENSG00000037757.13
b=4e−01
p=7e−04
0.3
0.4
0.5
0.6
0.7
0.8
0.9
125.103122337295
182.782325859166
231.218321069127
301.510236704733
618.590606991869
tp53

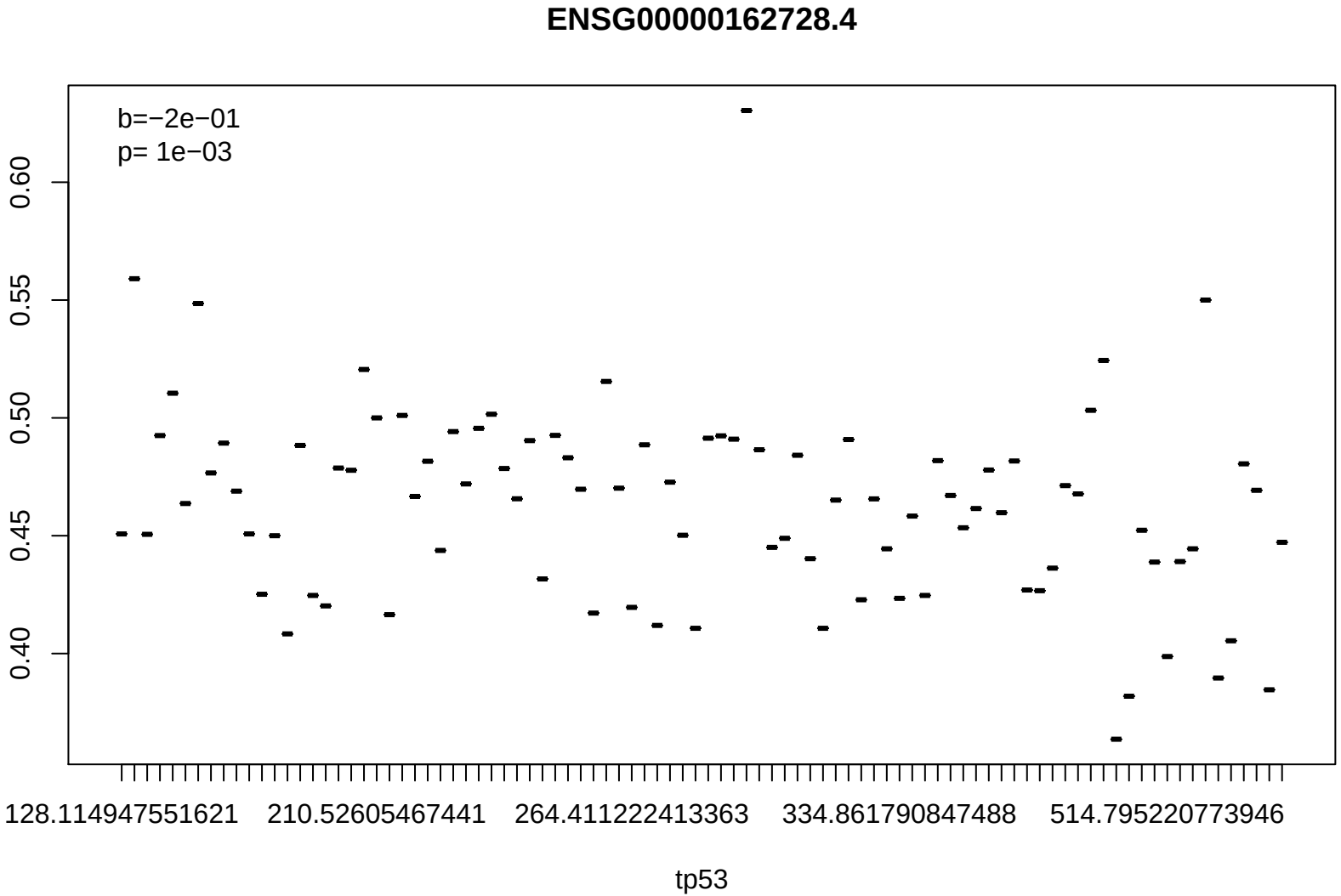

ENSG00000171130.17
b=−1e−01
p= 8e−04
0.50
0.48
0.46
0.44
0.42
0.40
0.38
128.114947551621
194.284577163264
262.390675749033
307.9111458018
483.641993965533
tp53

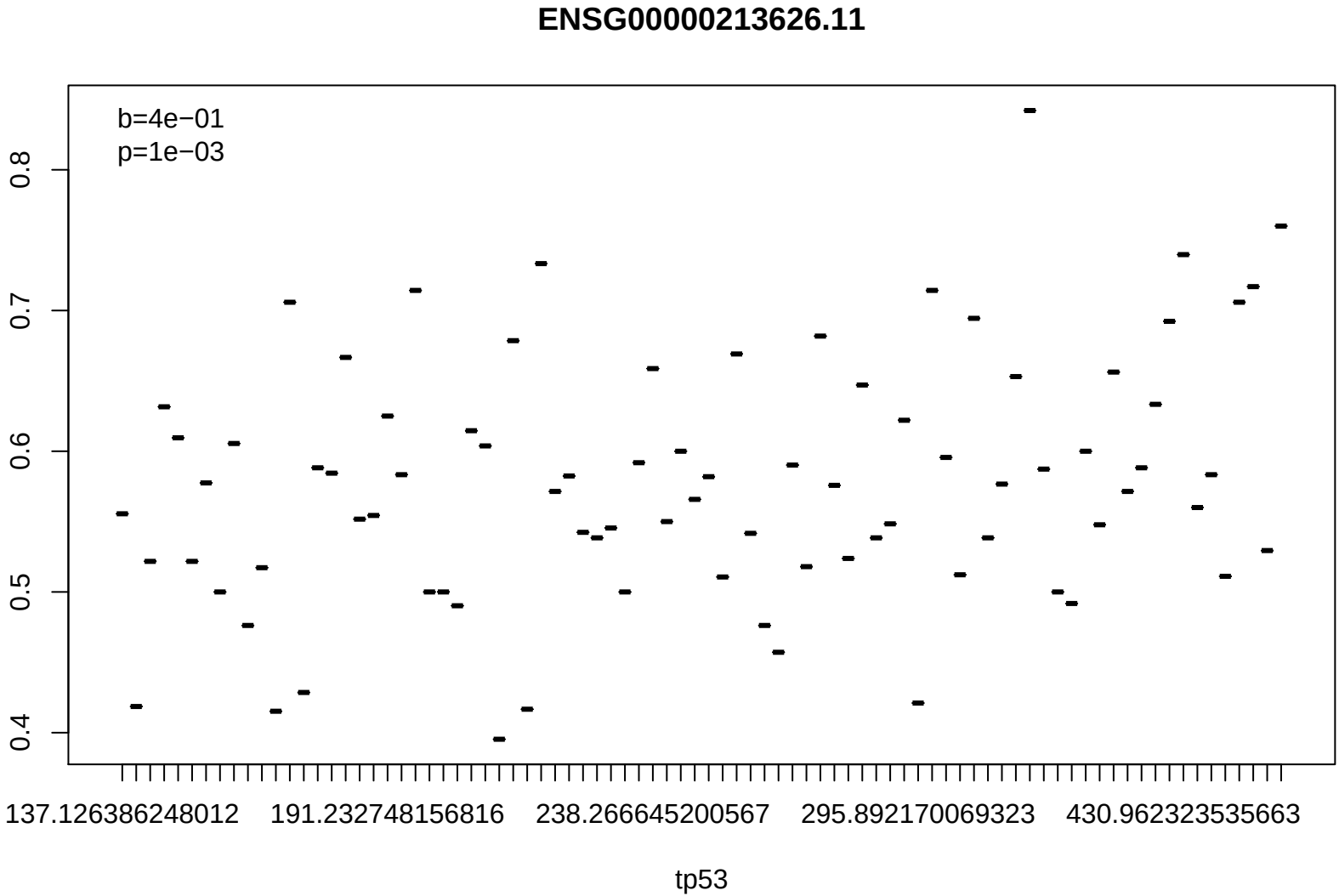

ENSG00000142188.16
b=−9e−02
p= 8e−04
0.64
0.62
0.60
0.58
0.56
0.54
0.52
0.50
124.042515518712
191.232748156816
239.189480513245
334.861790847488
548.433676547503
tp53

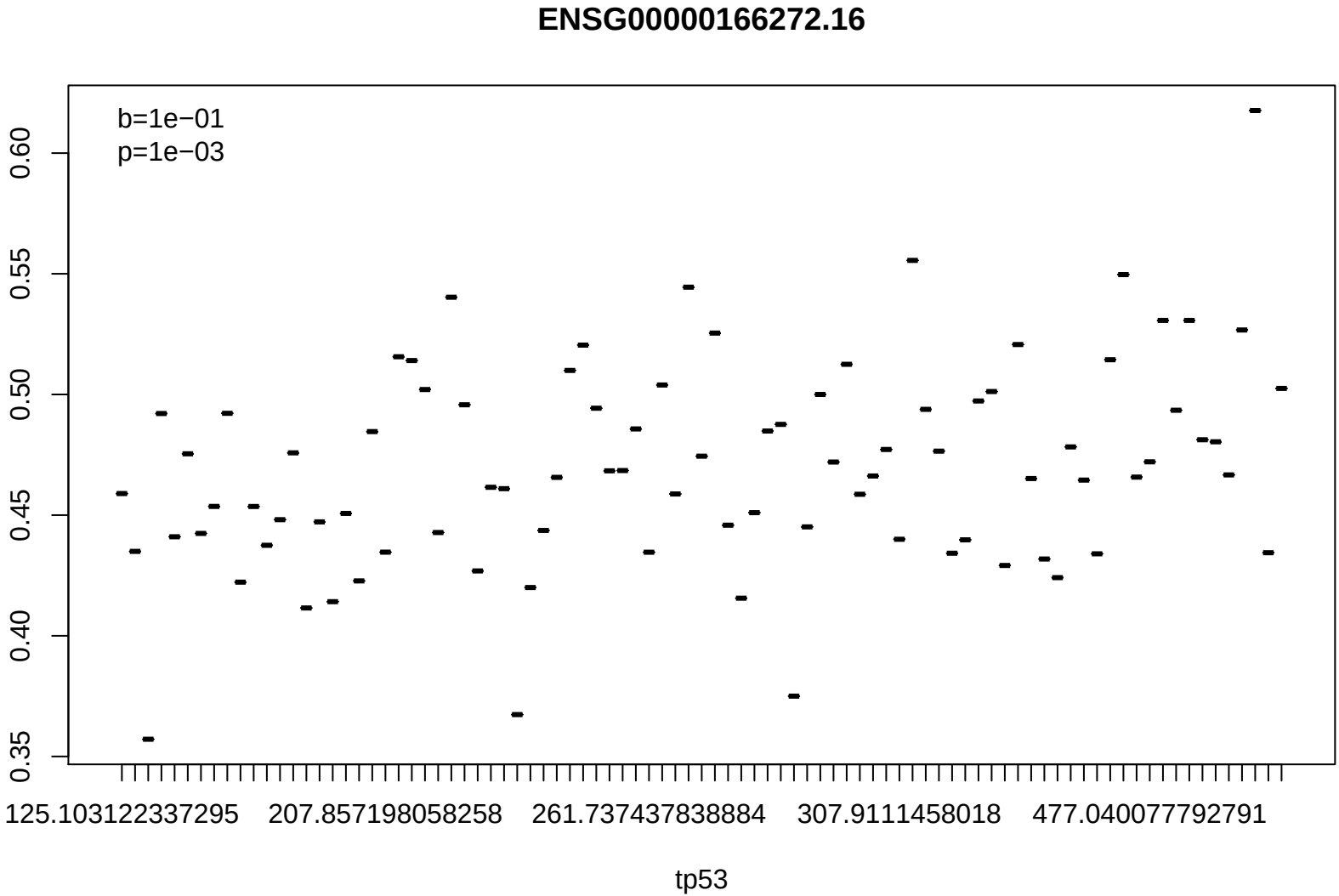

ENSG00000154134.14
b=2e−01
p=9e−04
0.4
0.5
0.6
0.7
136.925803345176
218.725439462005
262.495866439974
326.565206344025
538.088213003098
tp53

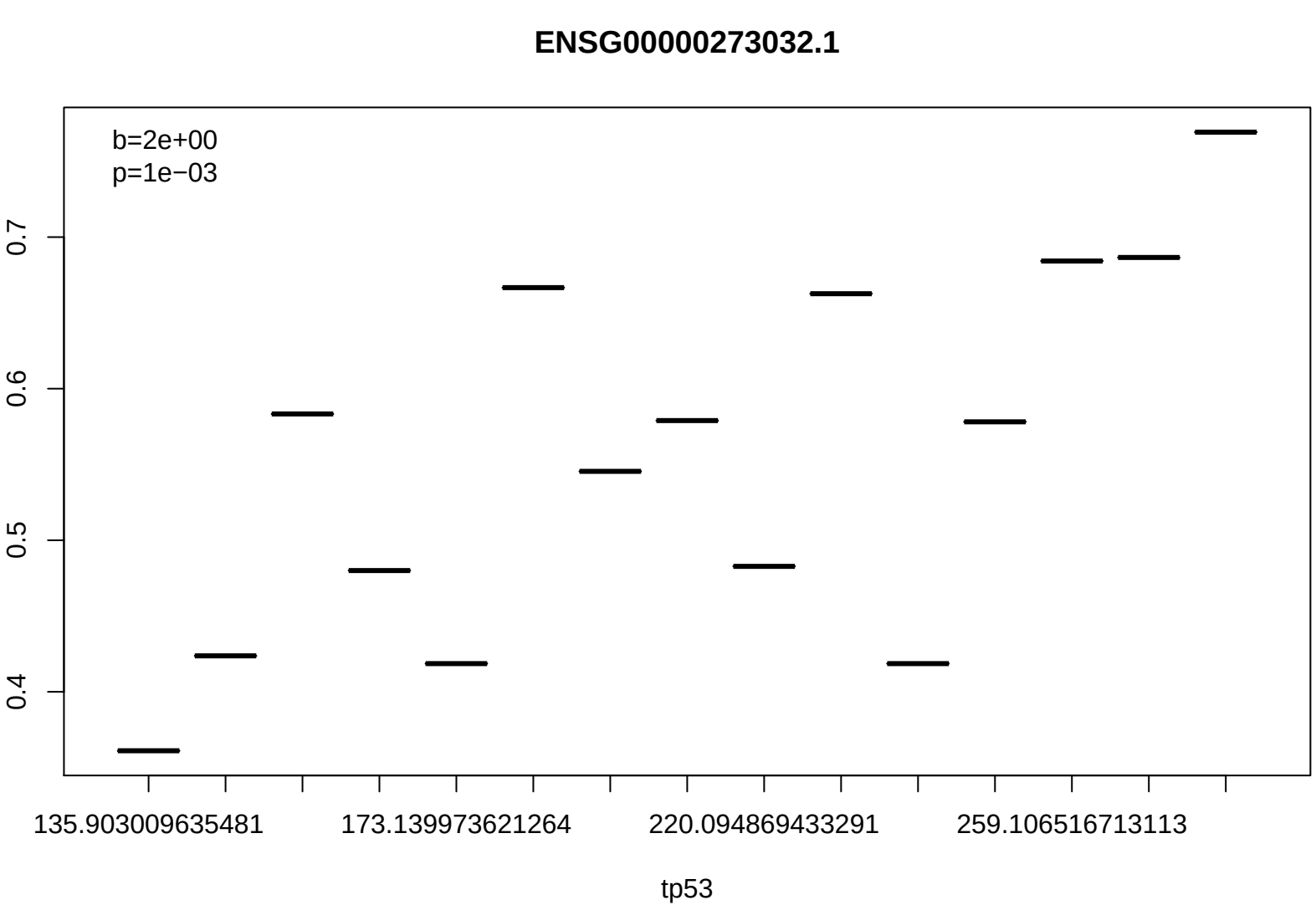

ENSG00000163781.12
b=−3e−01
p= 9e−04
0.40
0.45
0.50
0.55
0.60
0.65
0.70
124.042515518712
200.889883026608
252.238821177245
339.40165421212
551.370377357162
tp53

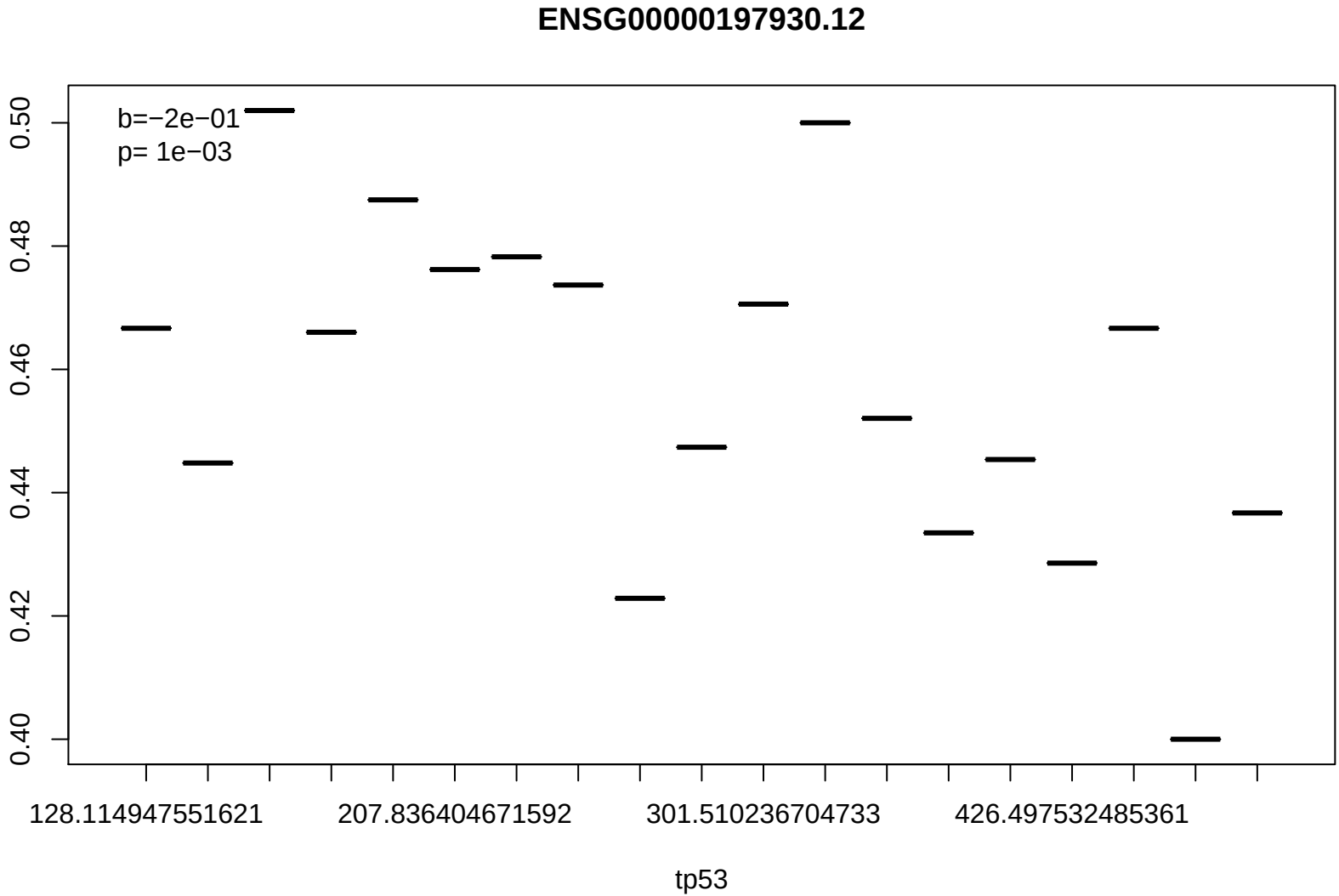

ENSG00000099785.10
b=2e−01
p=1e−03
0.3
0.4
0.5
0.6
0.7
144.872888864876
193.506564171179
239.189480513245
326.565206344025
524.258020034491
tp53

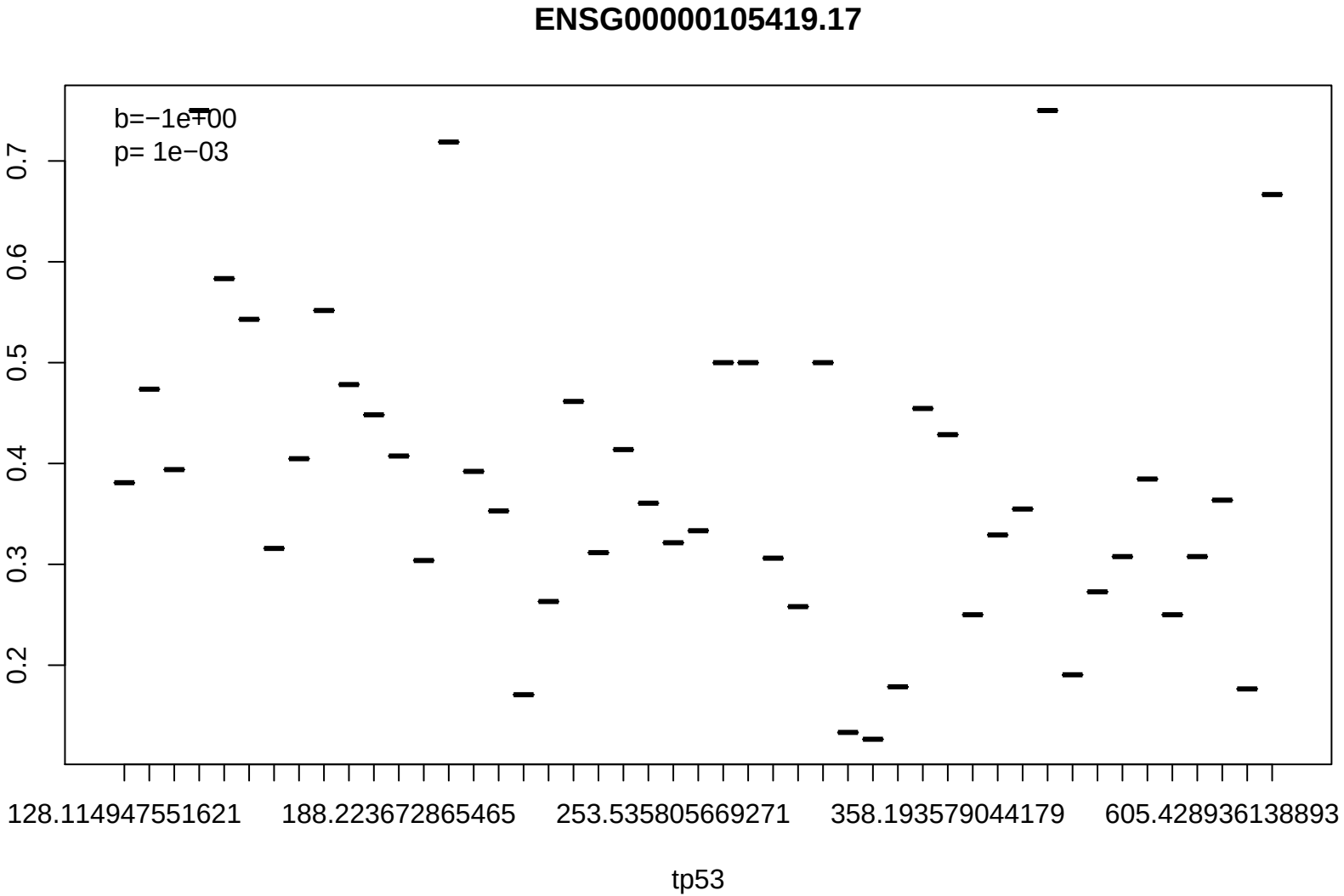

ENSG00000162728.4
b=−2e−01
p= 1e−03
0.60
0.55
0.50
0.45
0.40
128.114947551621
210.52605467441
264.411222413363
334.861790847488
514.795220773946
tp53

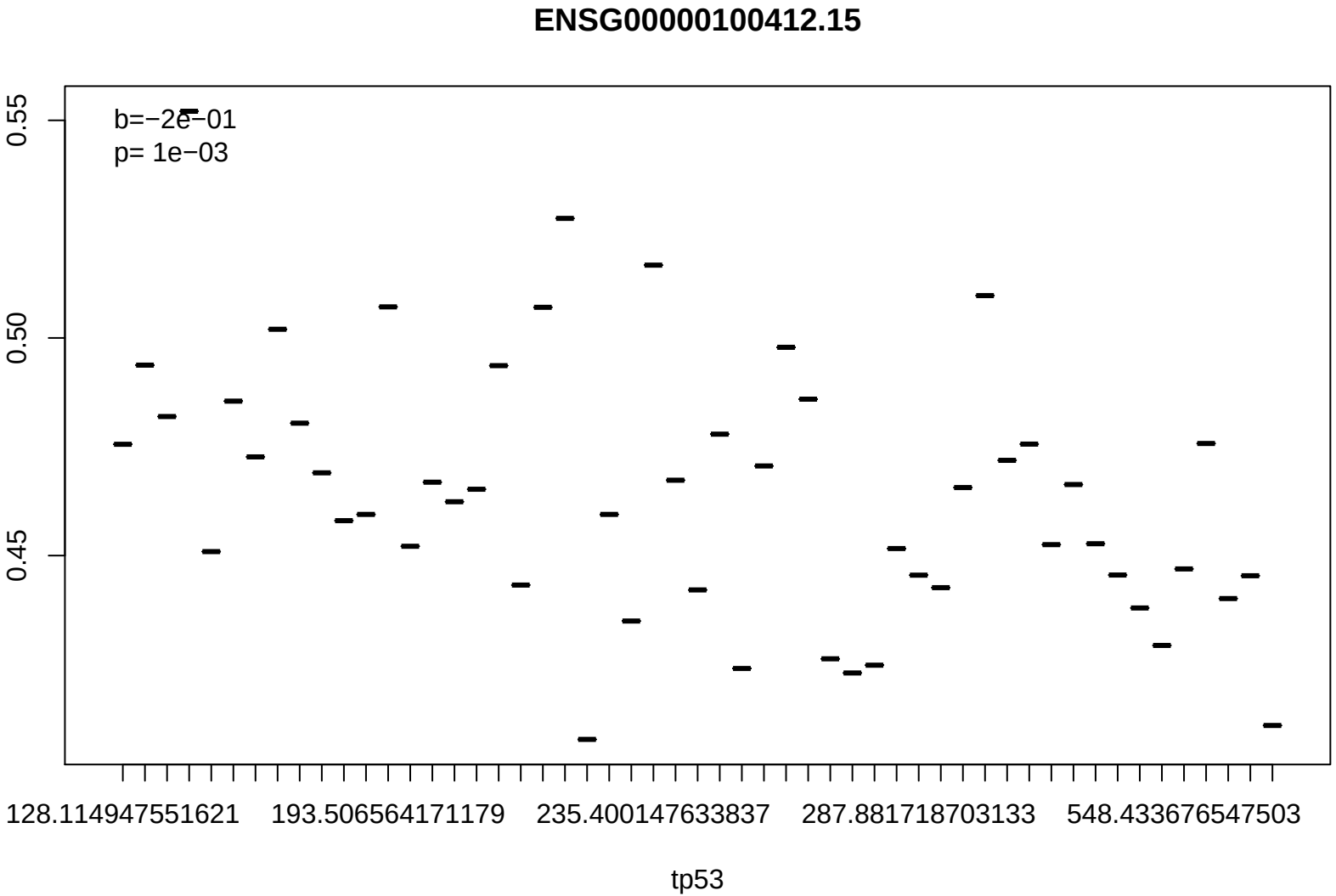

ENSG00000213626.11
b=4e−01
p=1e−03
0.4
0.5
0.6
0.7
0.8
137.126386248012
191.232748156816
238.266645200567
295.892170069323
430.962323535663
tp53

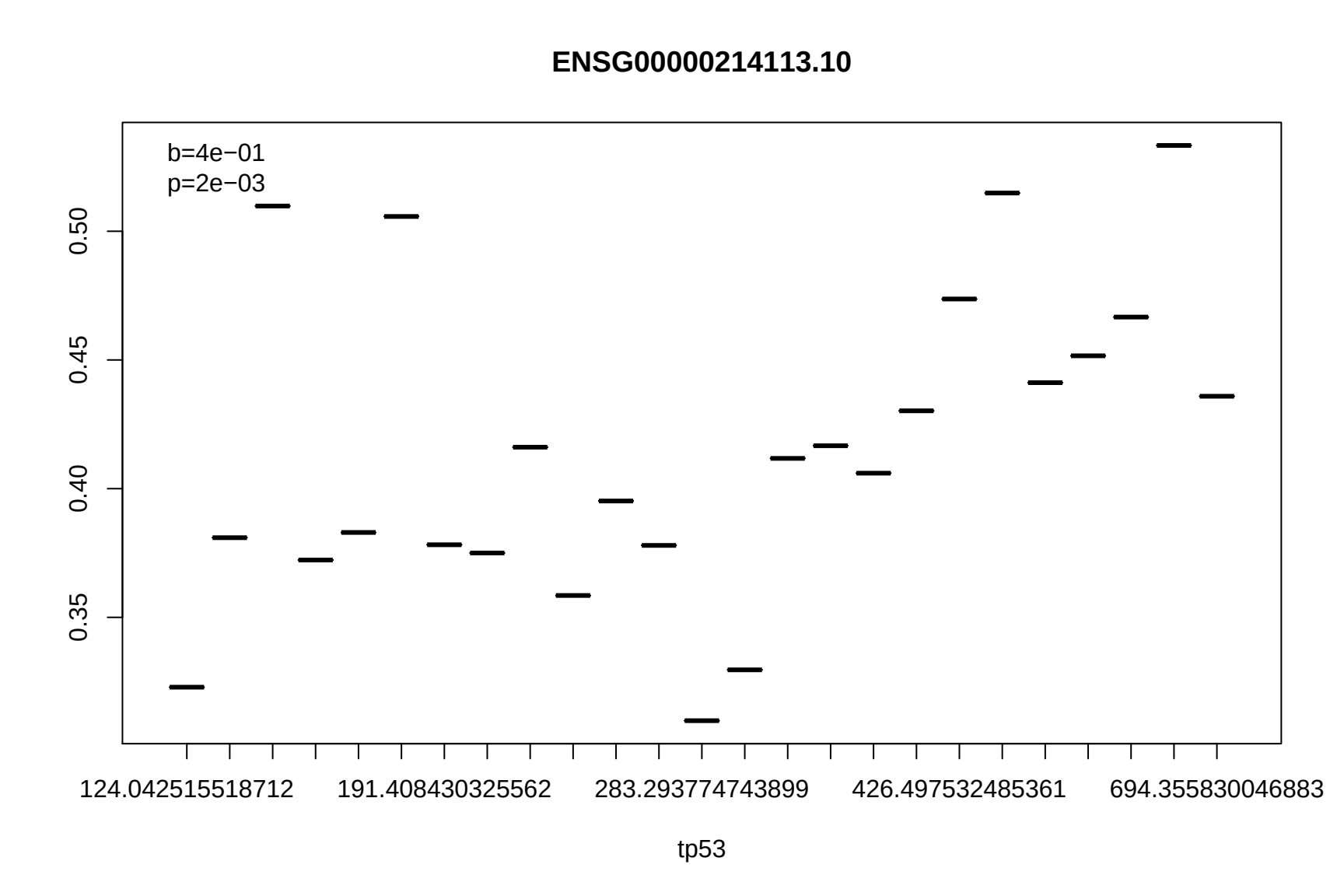

ENSG00000166272.16
b=1e−01
p=1e−03
0.60
0.55
0.50
0.45
0.40
0.35
125.103122337295
207.857198058258
261.737437838884
307.9111458018
477.040077792791
tp53

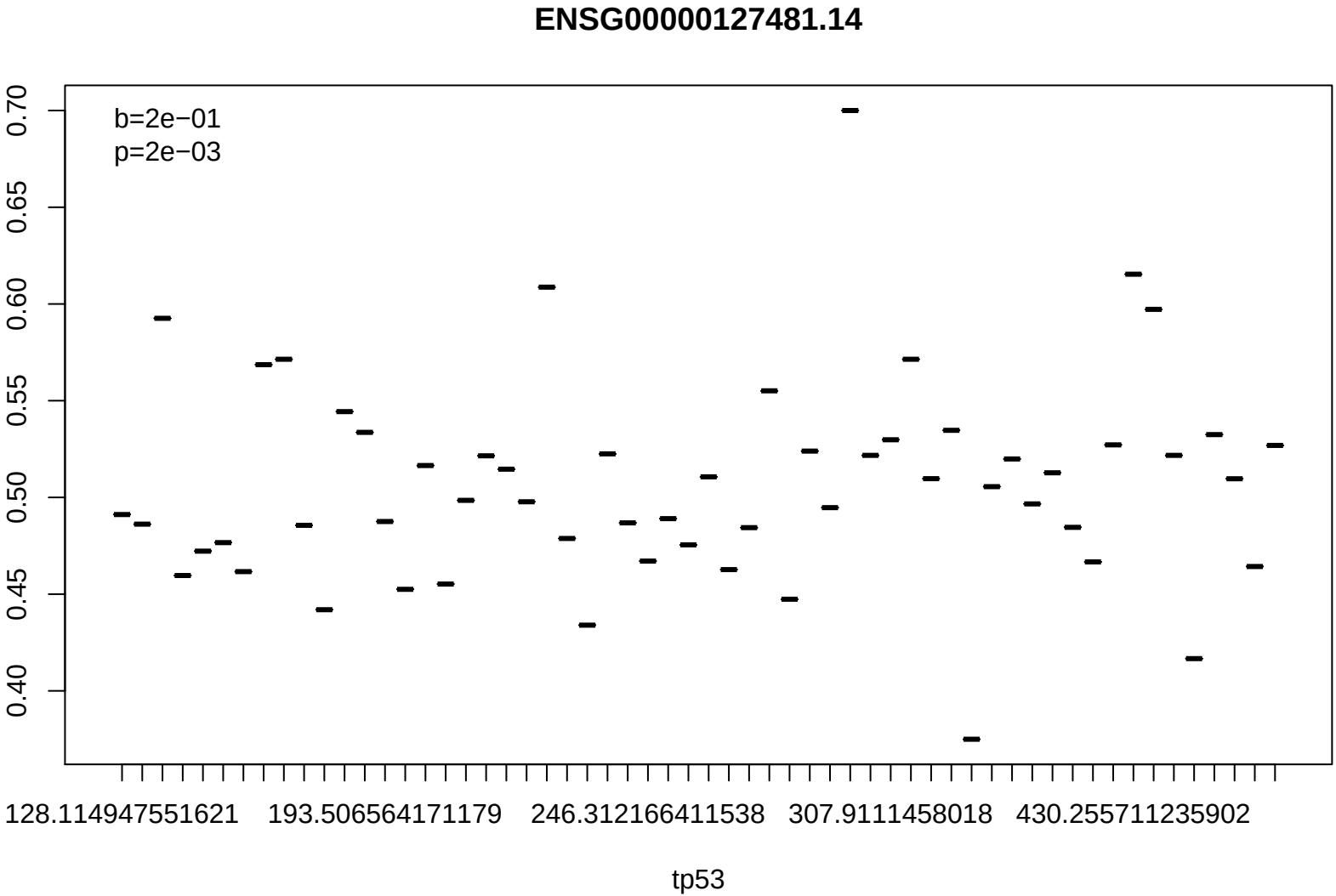

ENSG00000273032.1
b=2e+00
p=1e−03
0.4
0.5
0.6
0.7
135.903009635481
173.139973621264
220.094869433291
259.106516713113
tp53

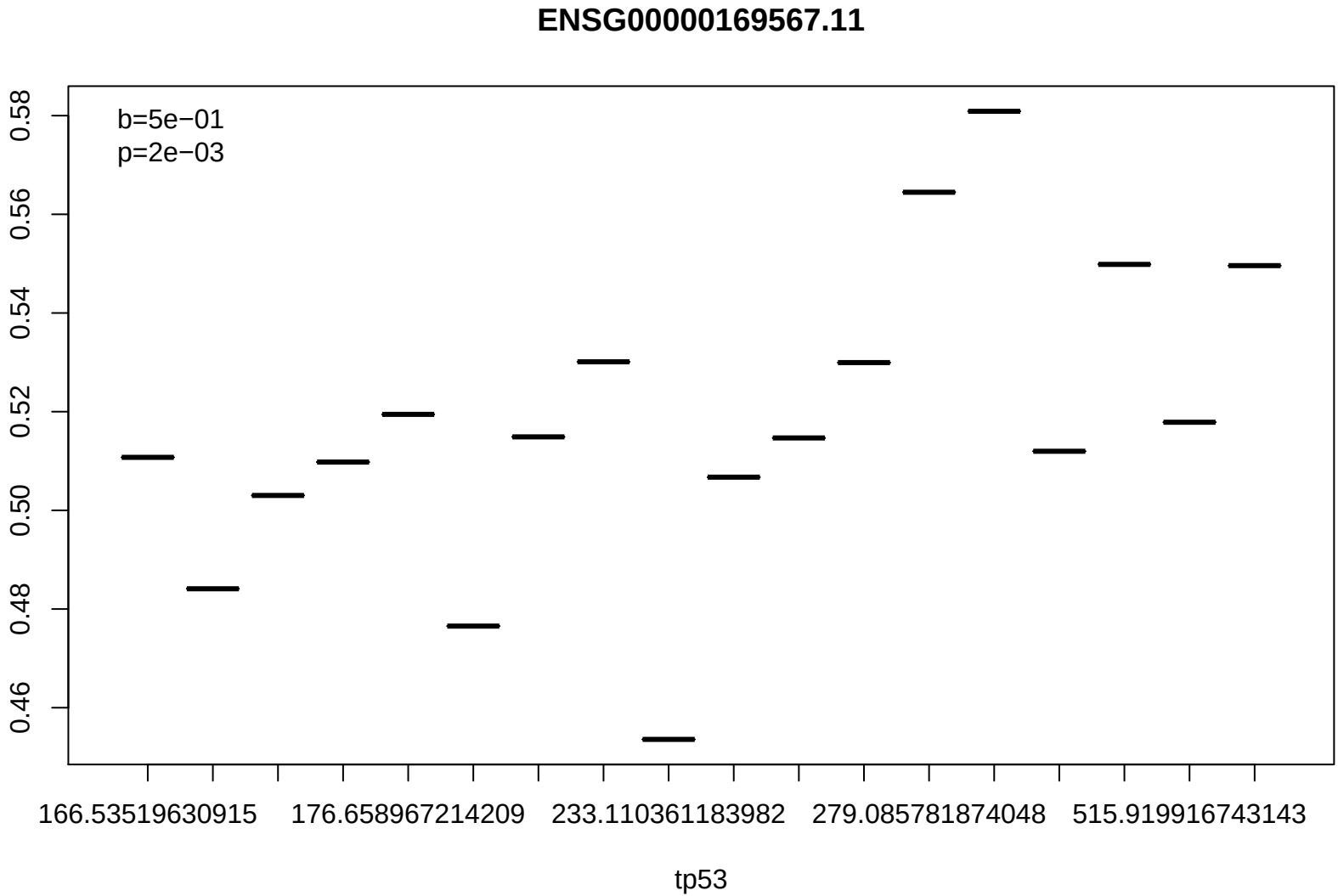

ENSG00000197930.12
b=−2e−01
p= 1e−03
0.50
0.48
0.46
0.44
0.42
0.40
128.114947551621
207.836404671592
301.510236704733
426.497532485361
tp53

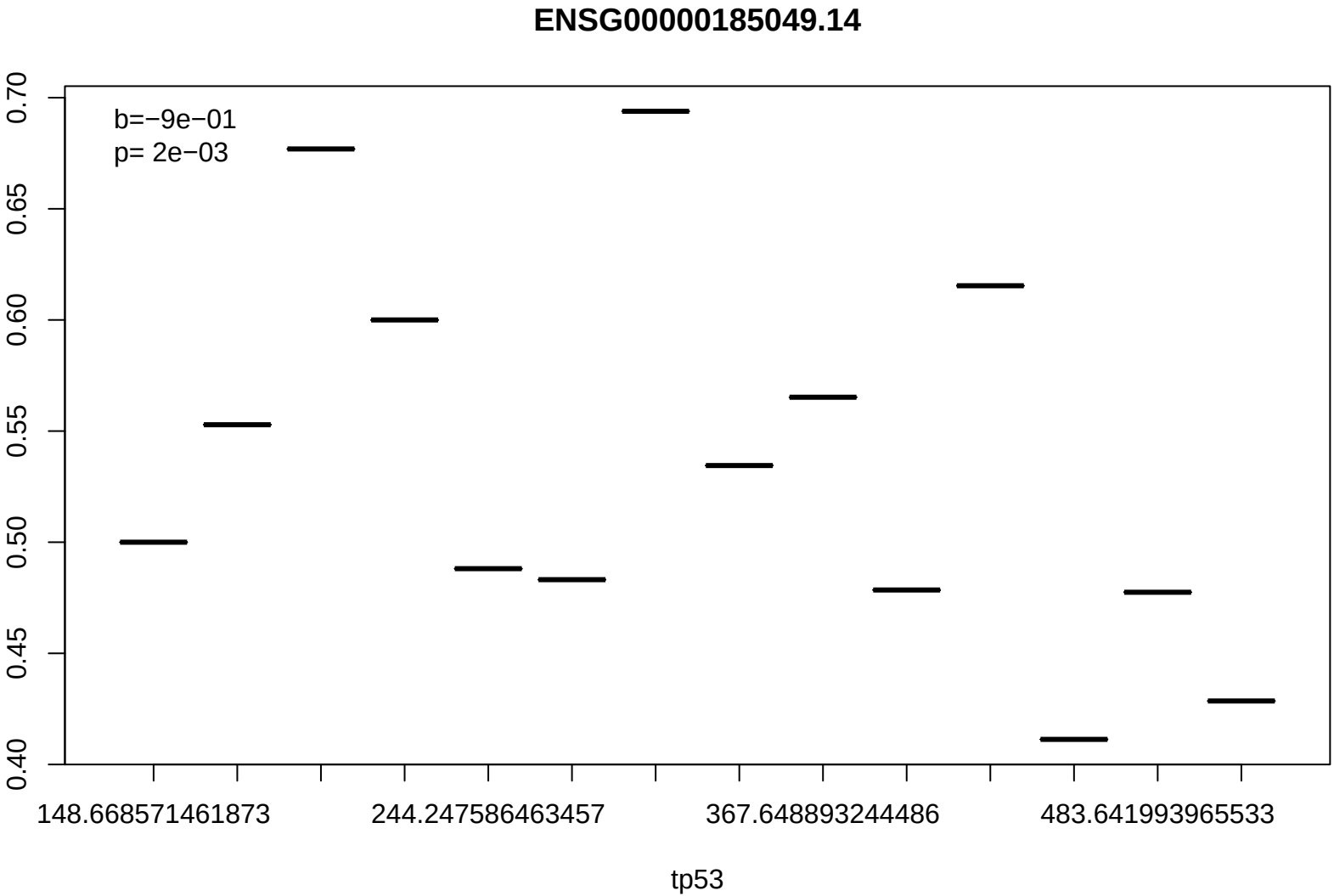

ENSG00000105419.17
b=−1e+00
p= 1e−03
0.2
0.3
0.4
0.5
0.6
0.7
128.114947551621
188.223672865465
253.535805669271
358.193579044179
605.428936138893
tp53

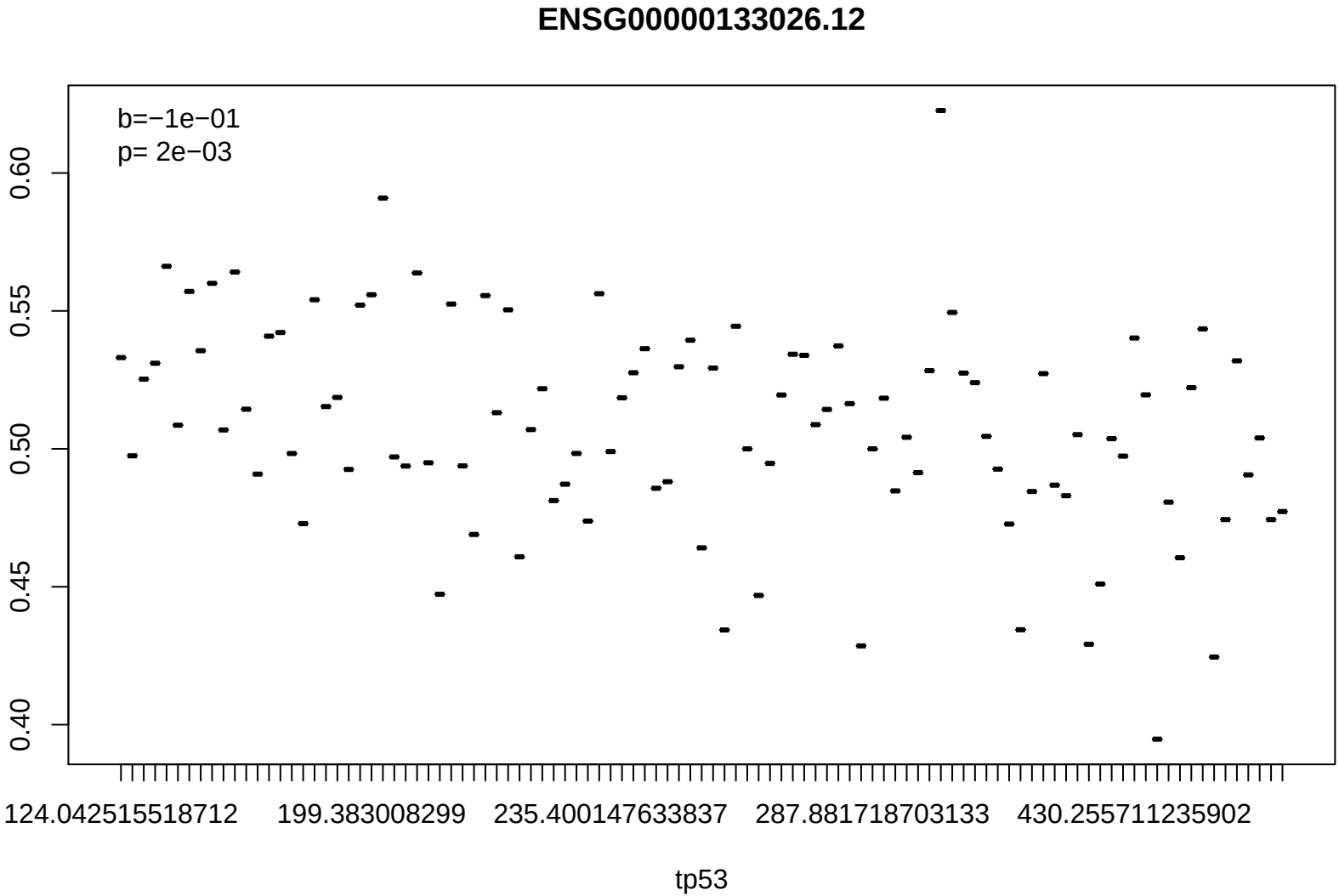

ENSG00000100412.15
b=−2e−01
p= 1e−03
0.55
0.50
0.45
128.114947551621
193.506564171179
235.400147633837
287.881718703133
548.433676547503
tp53

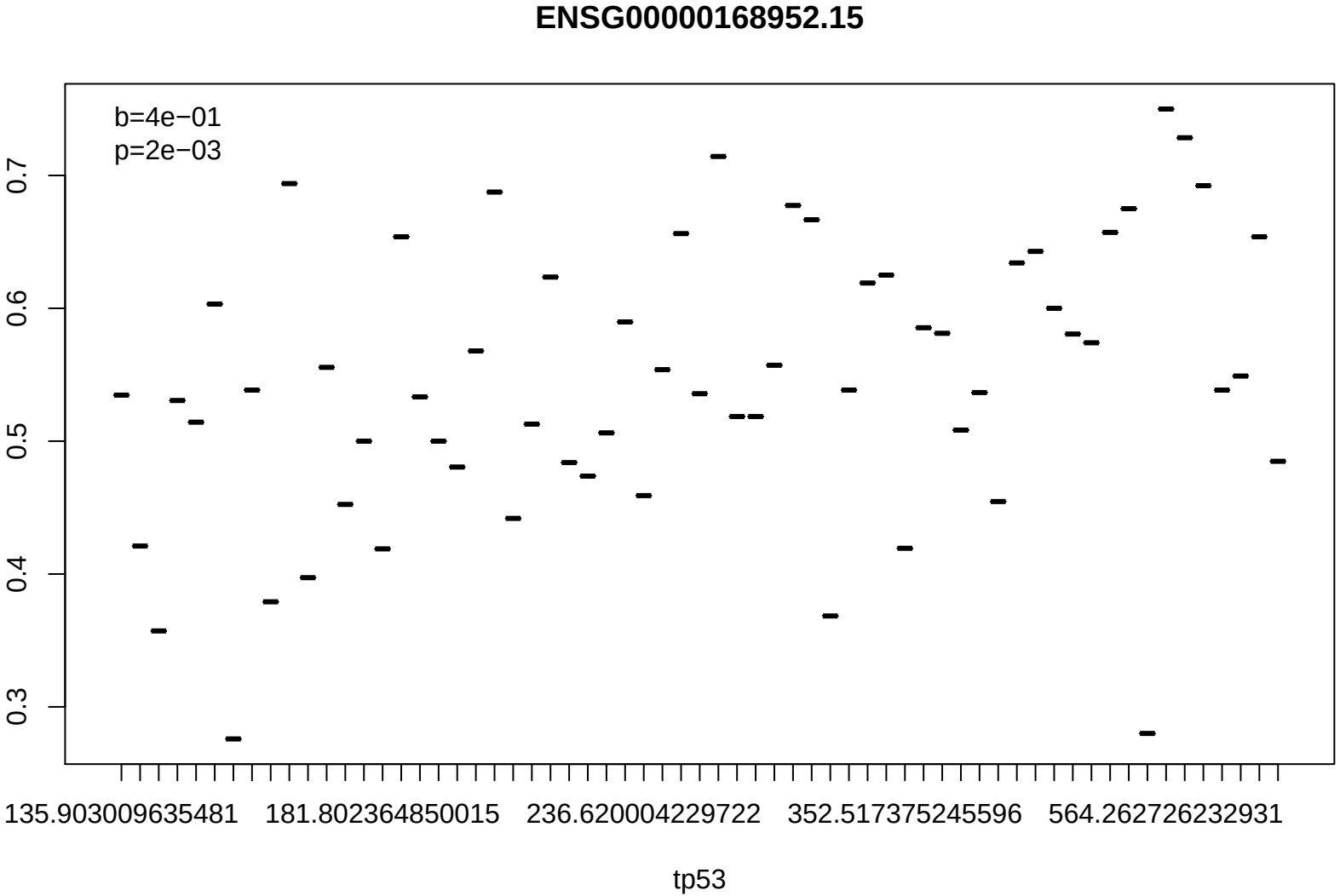

ENSG00000214113.10
b=4e−01
p=2e−03
0.35
0.40
0.45
0.50
124.042515518712
191.408430325562
283.293774743899
426.497532485361
694.355830046883
tp53

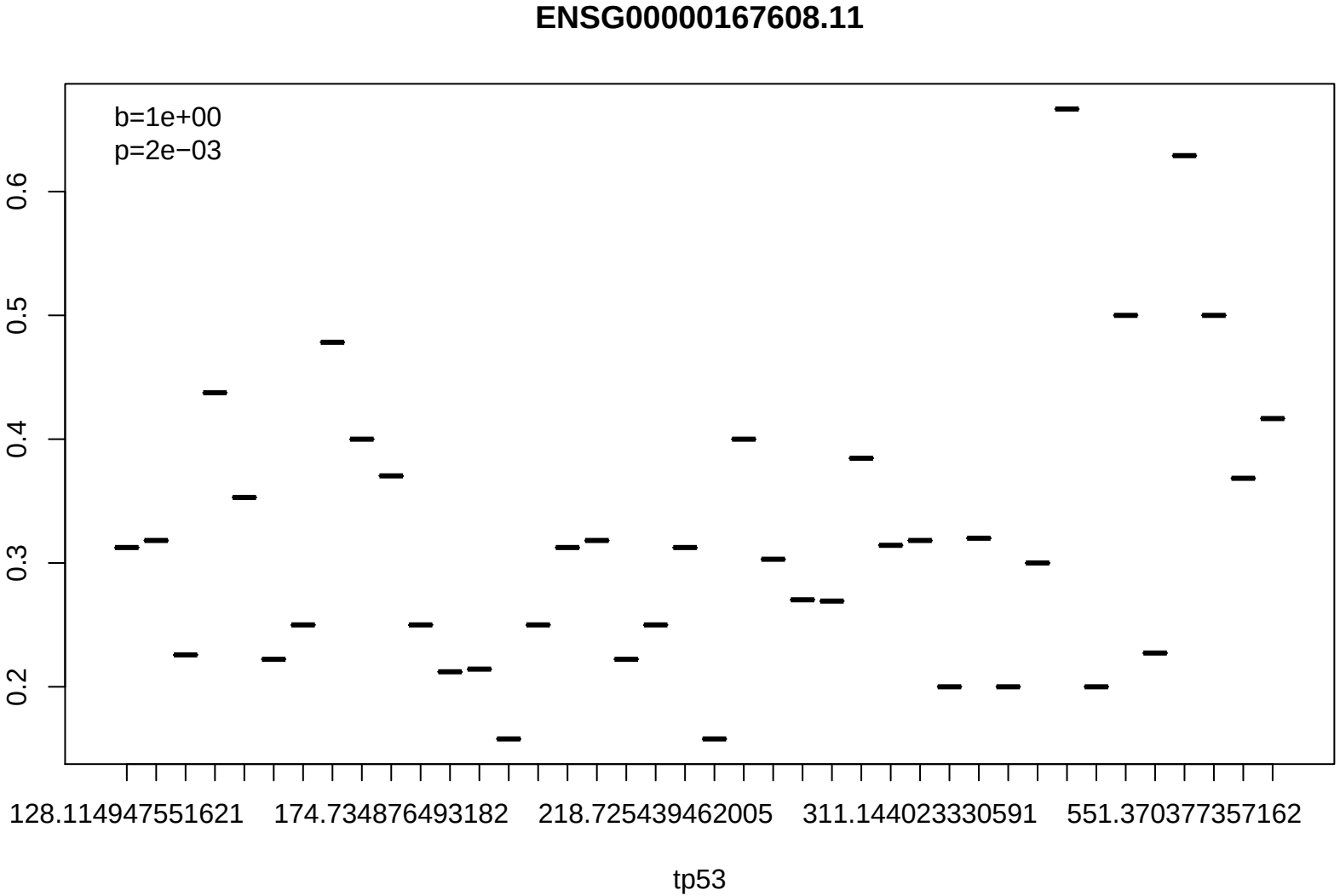

ENSG00000127481.14
b=2e−01
p=2e−03
0.70
0.65
0.60
0.55
0.50
0.45
0.40
128.114947551621
193.506564171179
246.312166411538
307.9111458018
430.255711235902
tp53

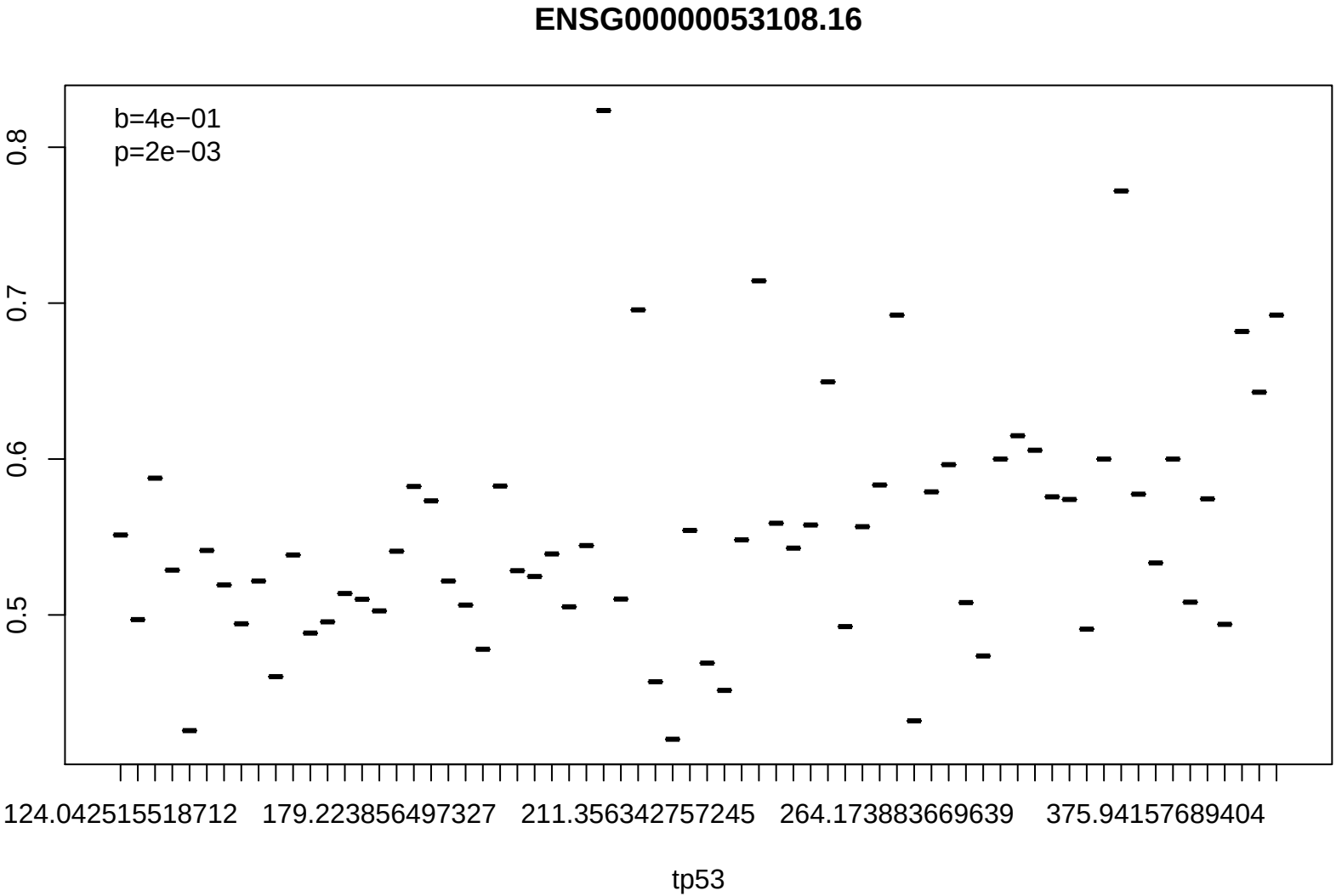

ENSG00000169567.11
b=5e−01
p=2e−03
0.46
0.48
0.50
0.52
0.54
0.56
0.58
166.53519630915
176.658967214209
233.110361183982
279.085781874048
515.919916743143
tp53

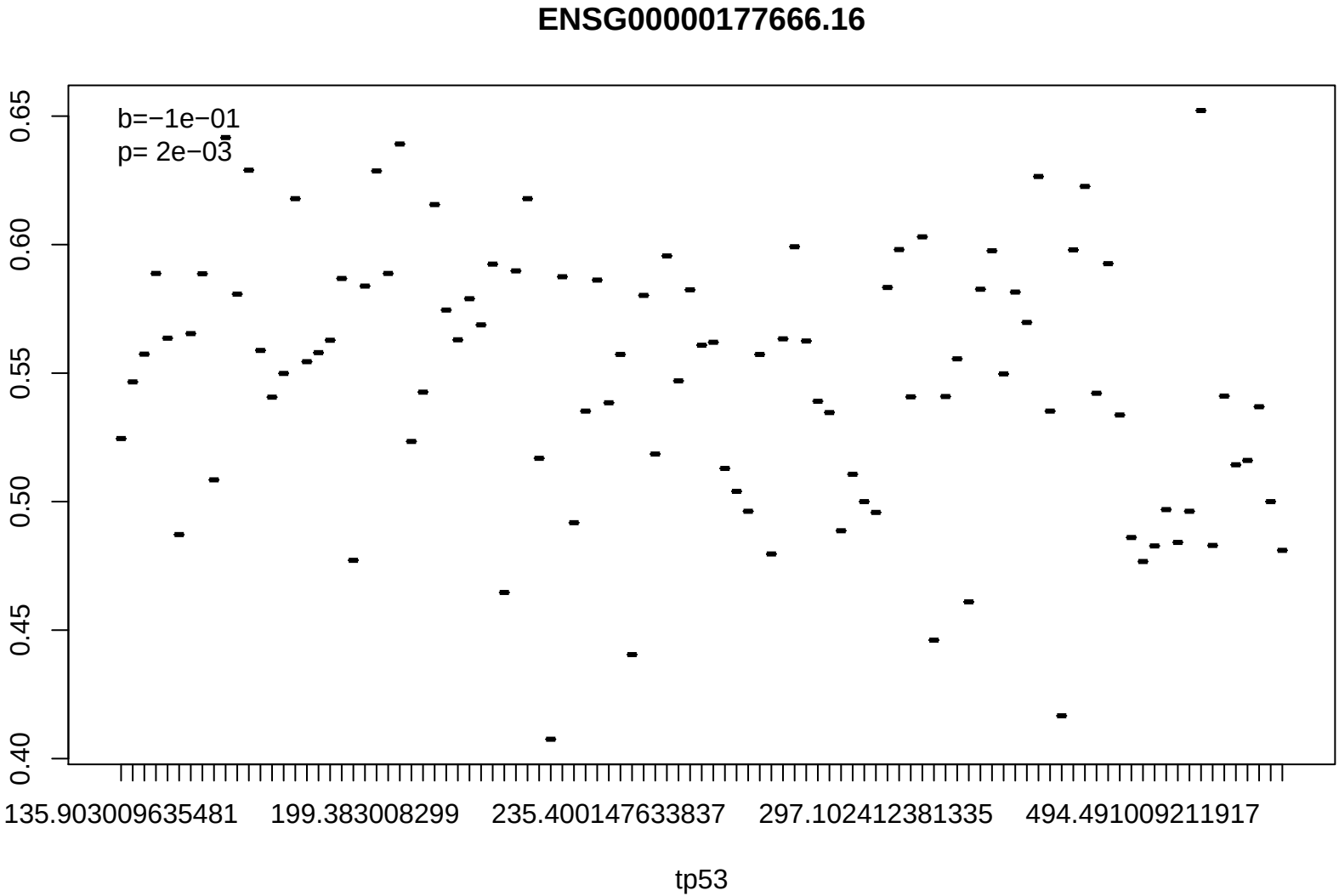

ENSG00000185049.14
b=−9e−01
p= 2e−03
0.70
0.65
0.60
0.55
0.50
0.45
0.40
148.668571461873
244.247586463457
367.648893244486
483.641993965533
tp53

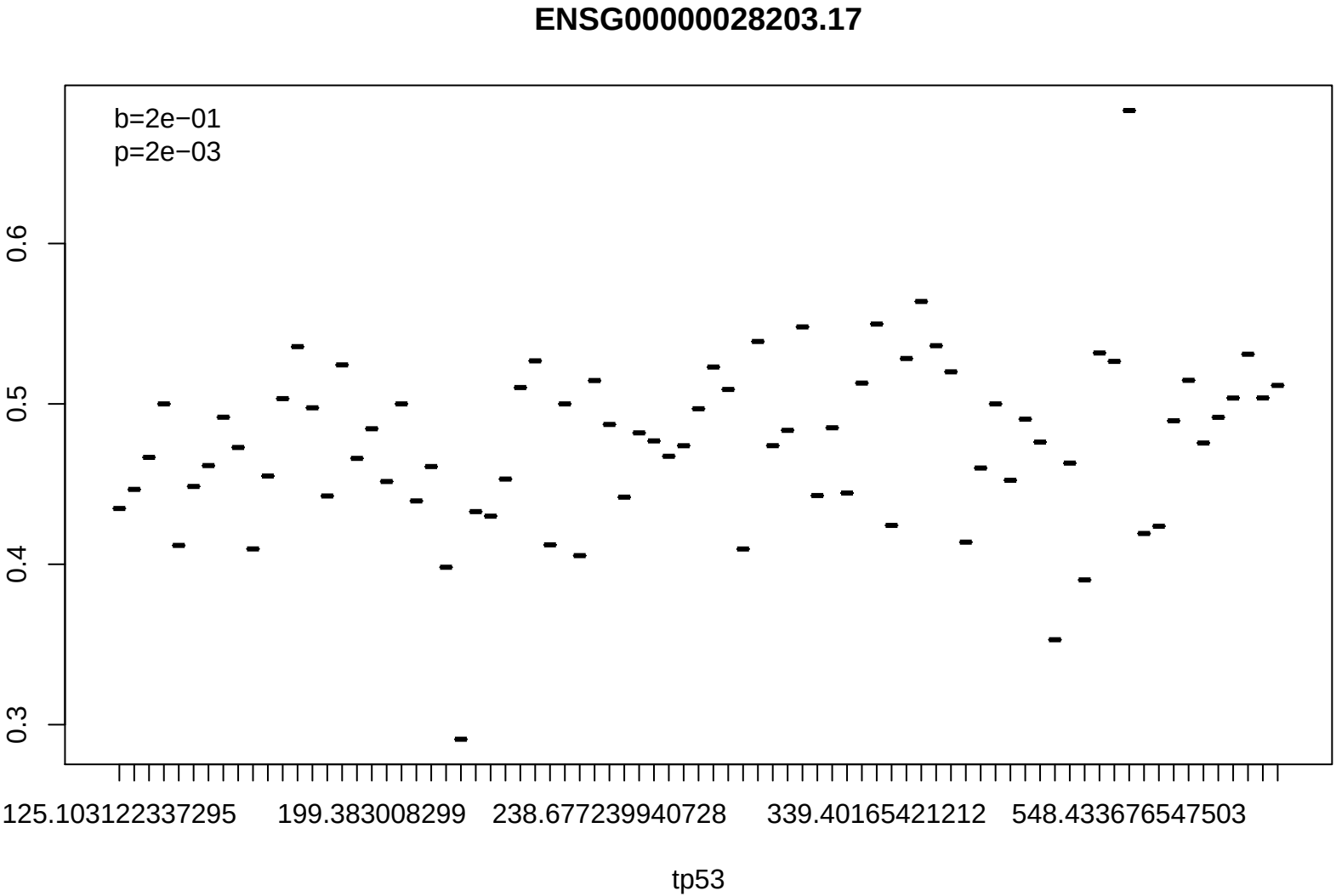

ENSG00000133026.12
b=−1e−01
p= 2e−03
0.60
0.55
0.50
0.45
0.40
124.042515518712
199.383008299
235.400147633837
287.881718703133
430.255711235902
tp53

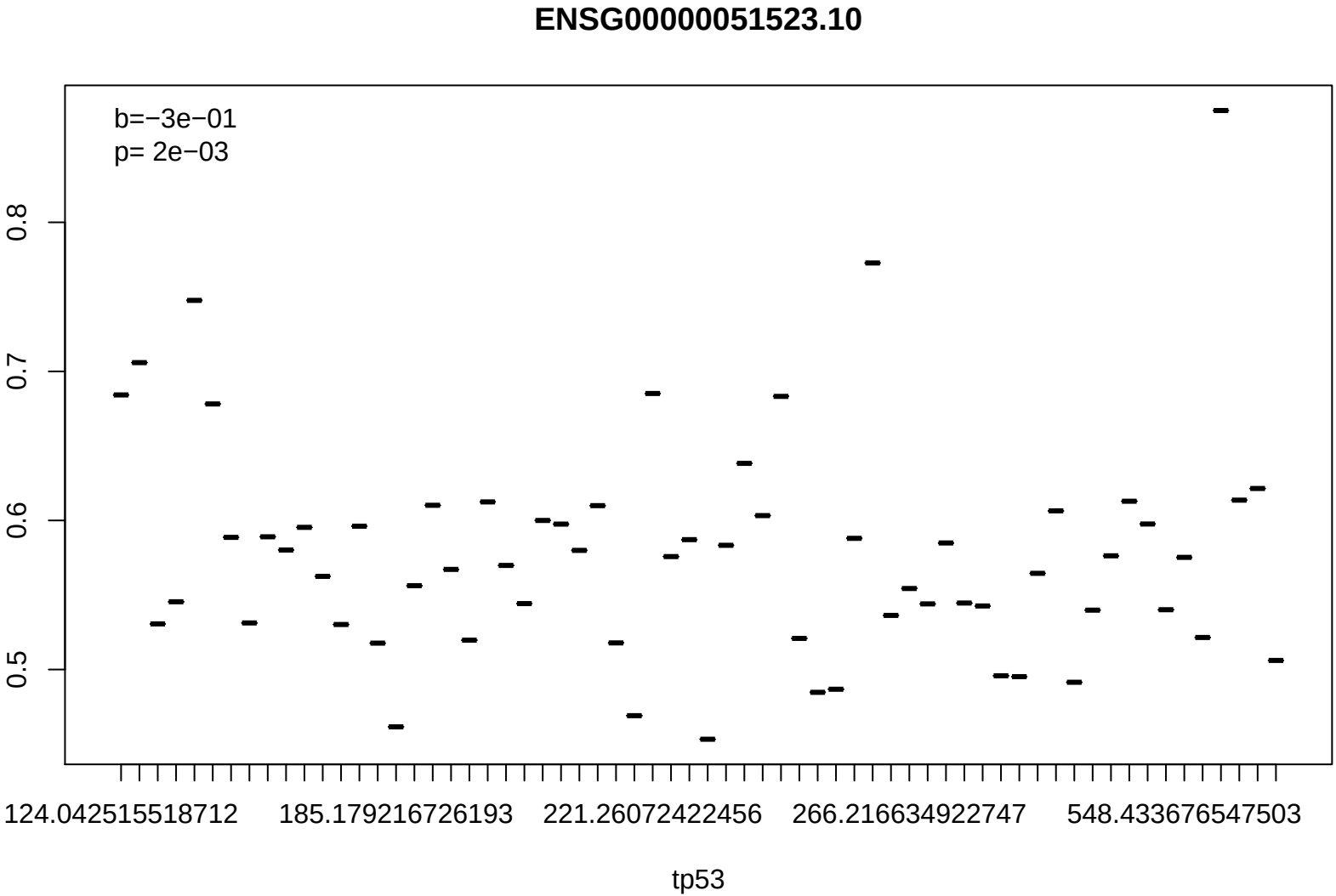

ENSG00000168952.15
b=4e−01
p=2e−03
0.3
0.4
0.5
0.6
0.7
135.903009635481
181.802364850015
236.620004229722
352.517375245596
564.262726232931
tp53

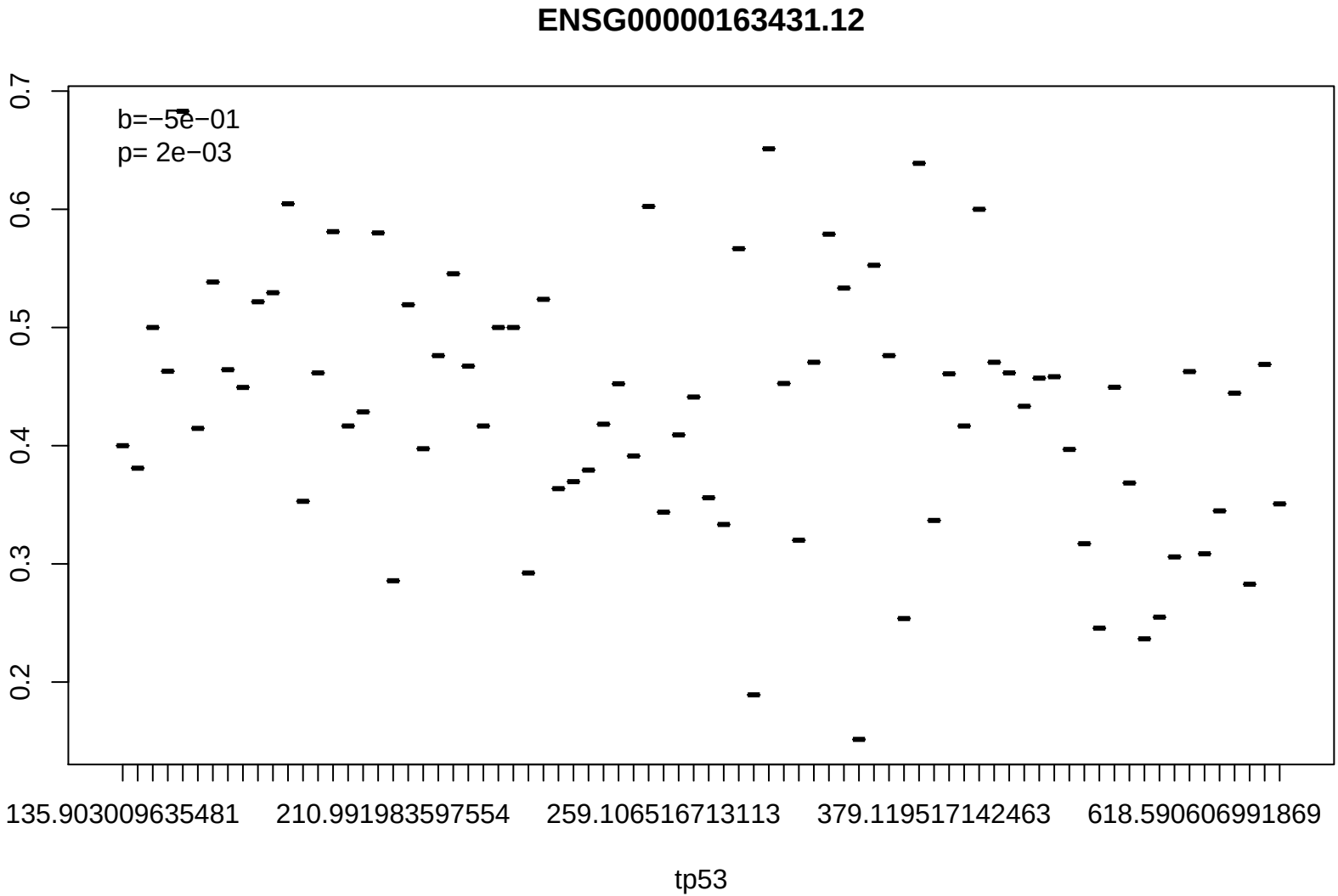

ENSG00000167608.11
b=1e+00
p=2e−03
0.2
0.3
0.4
0.5
0.6
128.114947551621
174.734876493182
218.725439462005
311.144023330591
551.370377357162
tp53

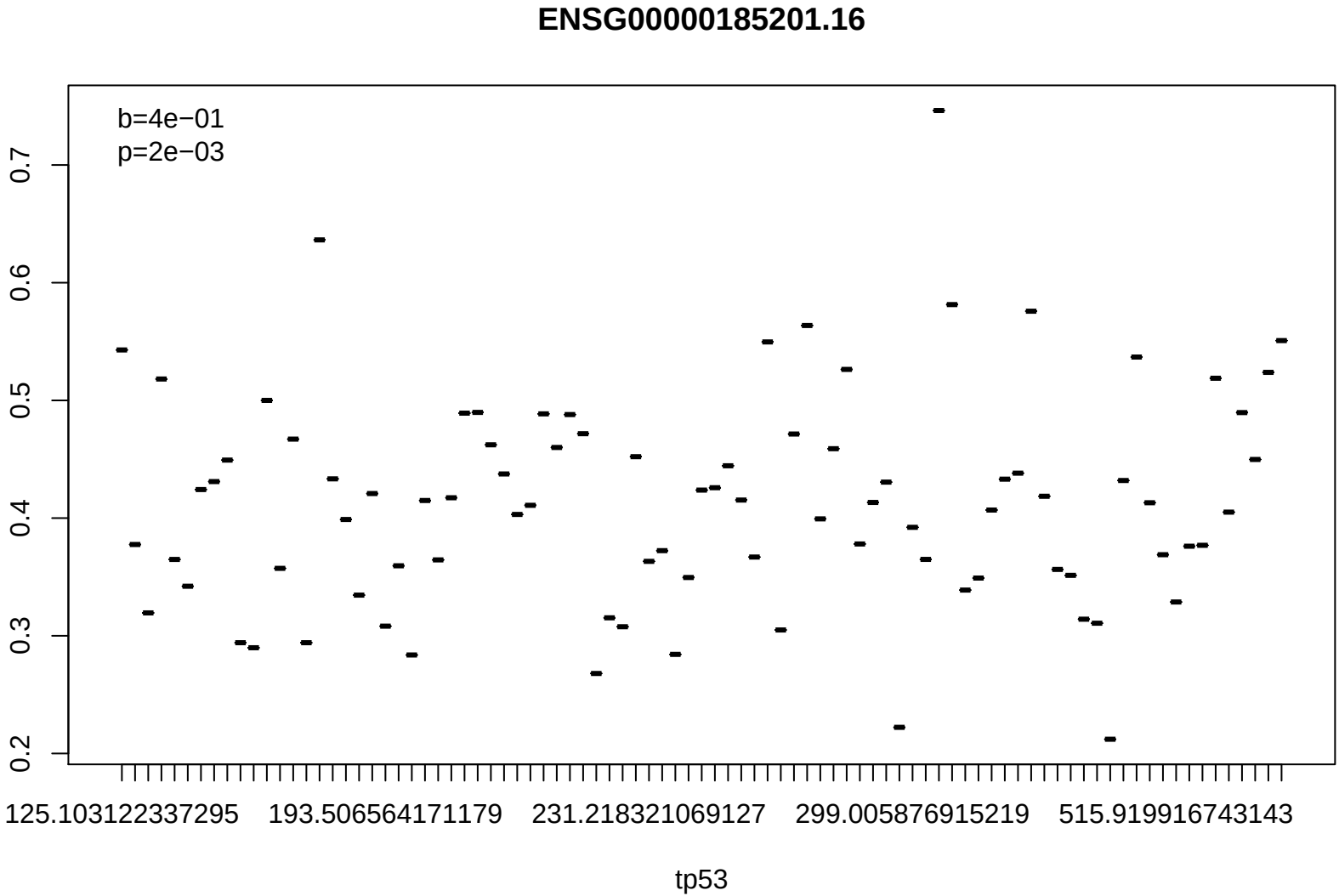

ENSG00000053108.16
b=4e−01
p=2e−03
0.8
0.7
0.6
0.5
124.042515518712
179.223856497327
211.356342757245
264.173883669639
375.94157689404
tp53

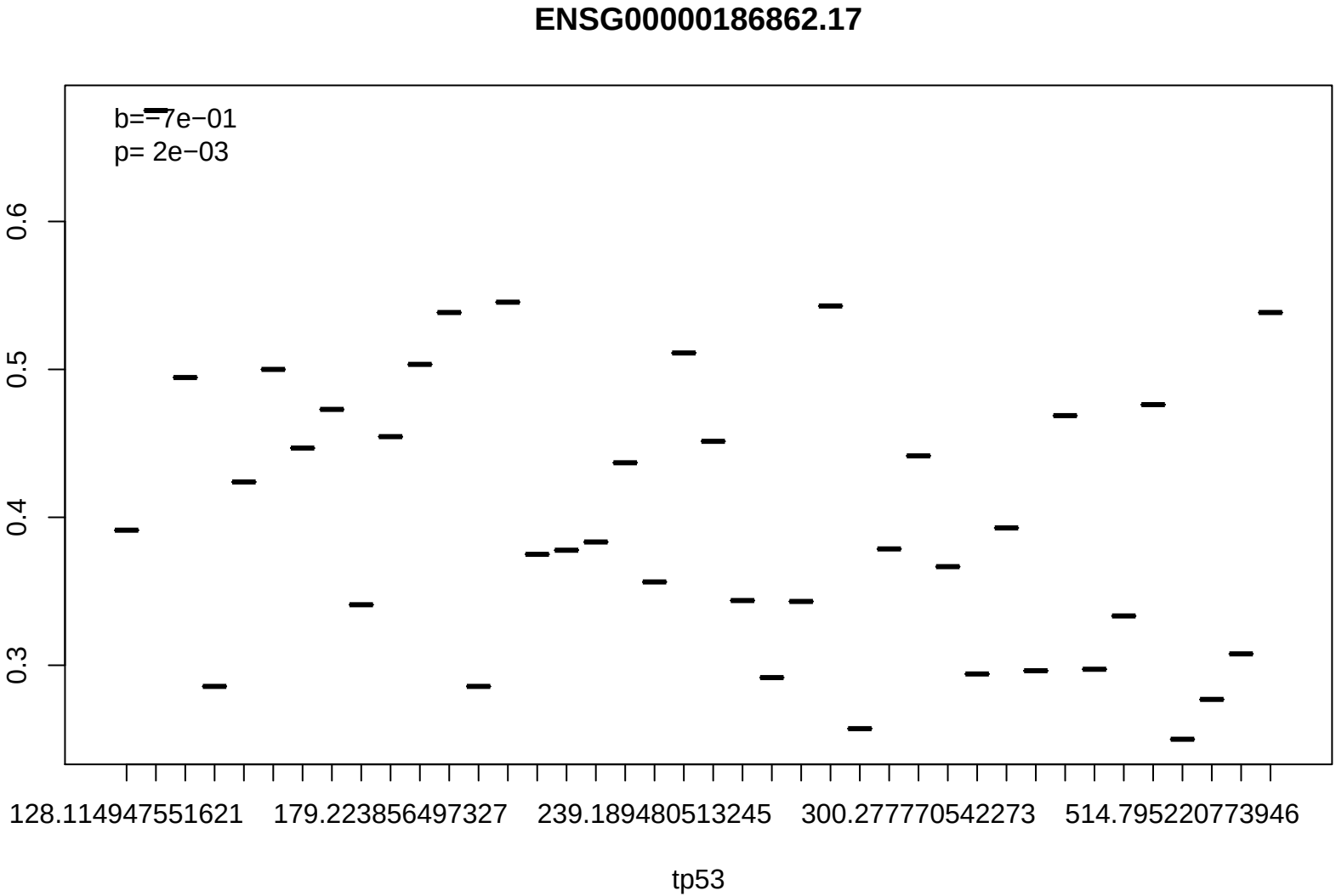

ENSG00000177666.16
b=−1e−01
p= 2e−03
0.65
0.60
0.55
0.50
0.45
0.40
135.903009635481
199.383008299
235.400147633837
297.102412381335
494.491009211917
tp53

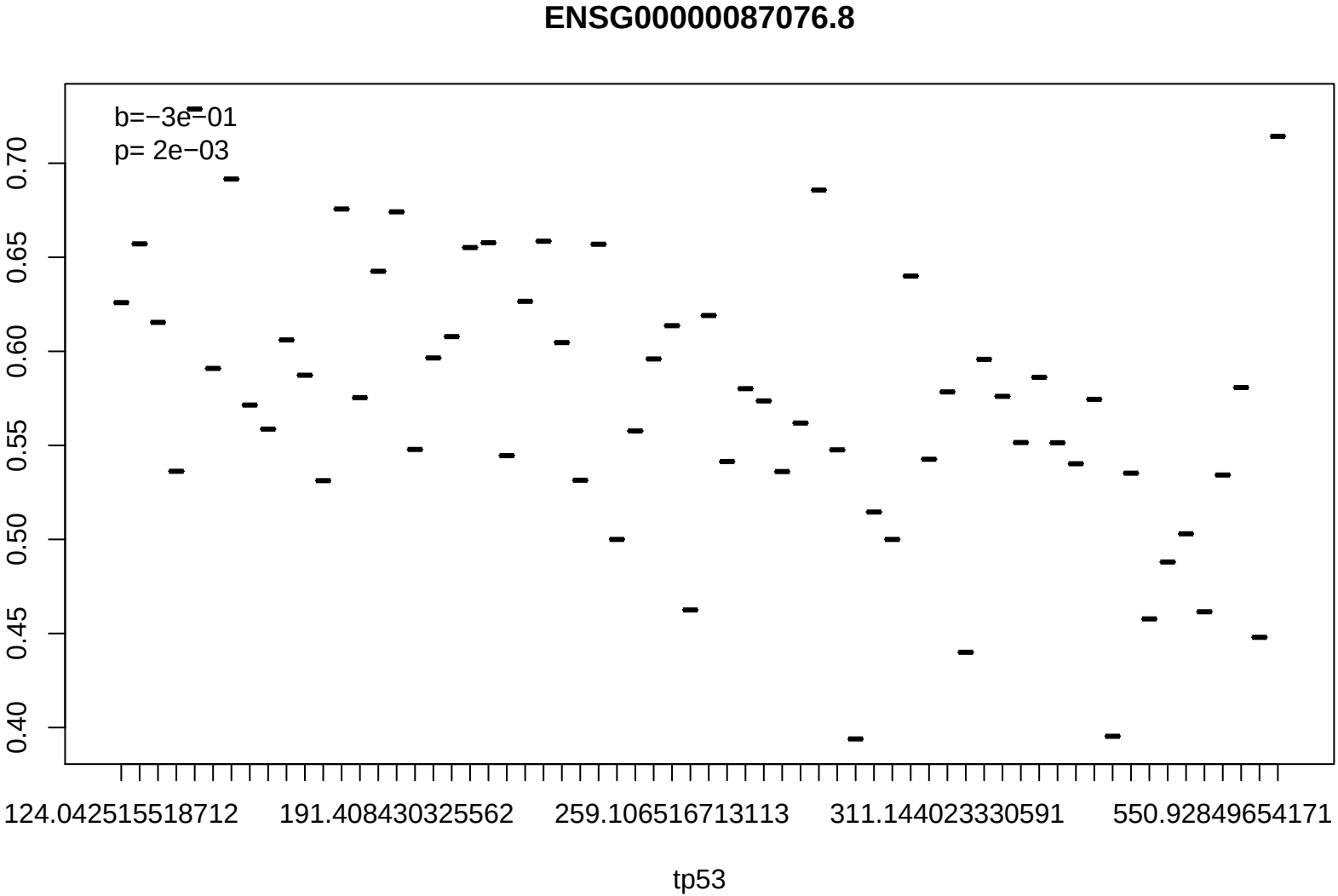

ENSG00000028203.17
b=2e−01
p=2e−03
0.6
0.5
0.4
0.3
125.103122337295
199.383008299
238.677239940728
339.40165421212
548.433676547503
tp53

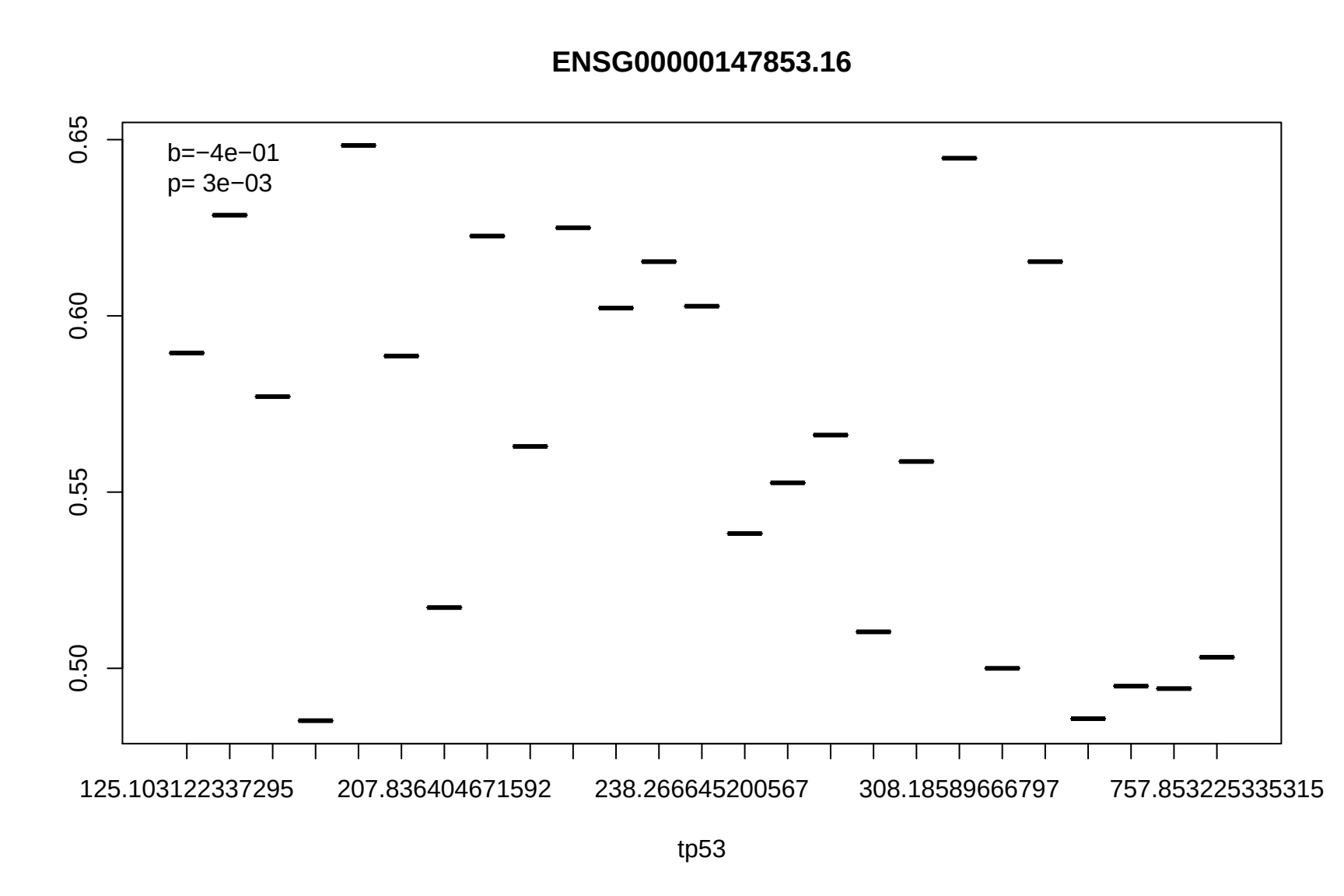

ENSG00000051523.10
b=−3e−01
p= 2e−03
0.8
0.7
0.6
0.5
124.042515518712
185.179216726193
221.26072422456
266.216634922747
548.433676547503
tp53

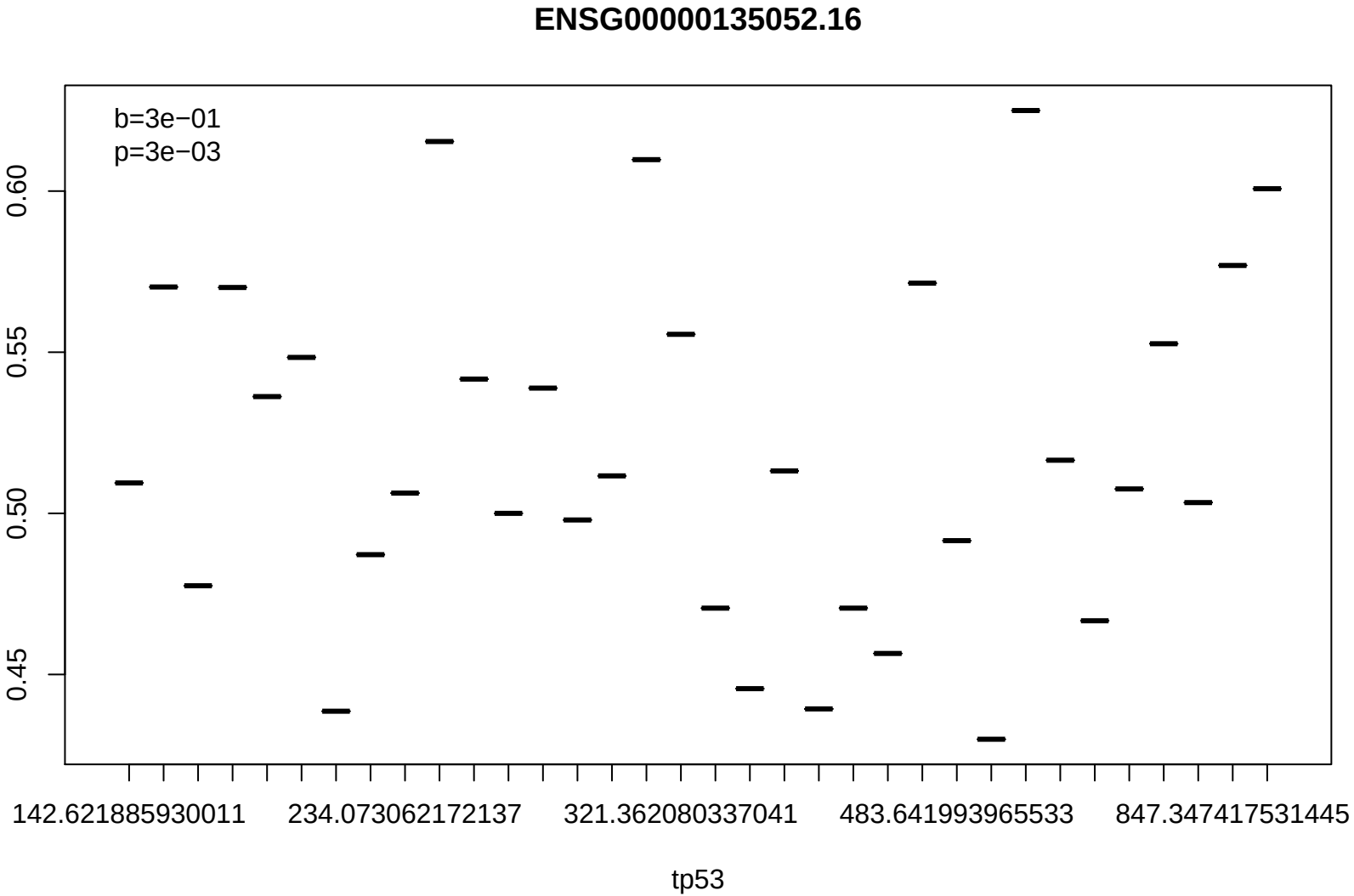

ENSG00000163431.12
b=−5e−01
p= 2e−03
0.7
0.6
0.5
0.4
0.3
0.2
135.903009635481
210.991983597554
259.106516713113
379.119517142463
618.590606991869
tp53

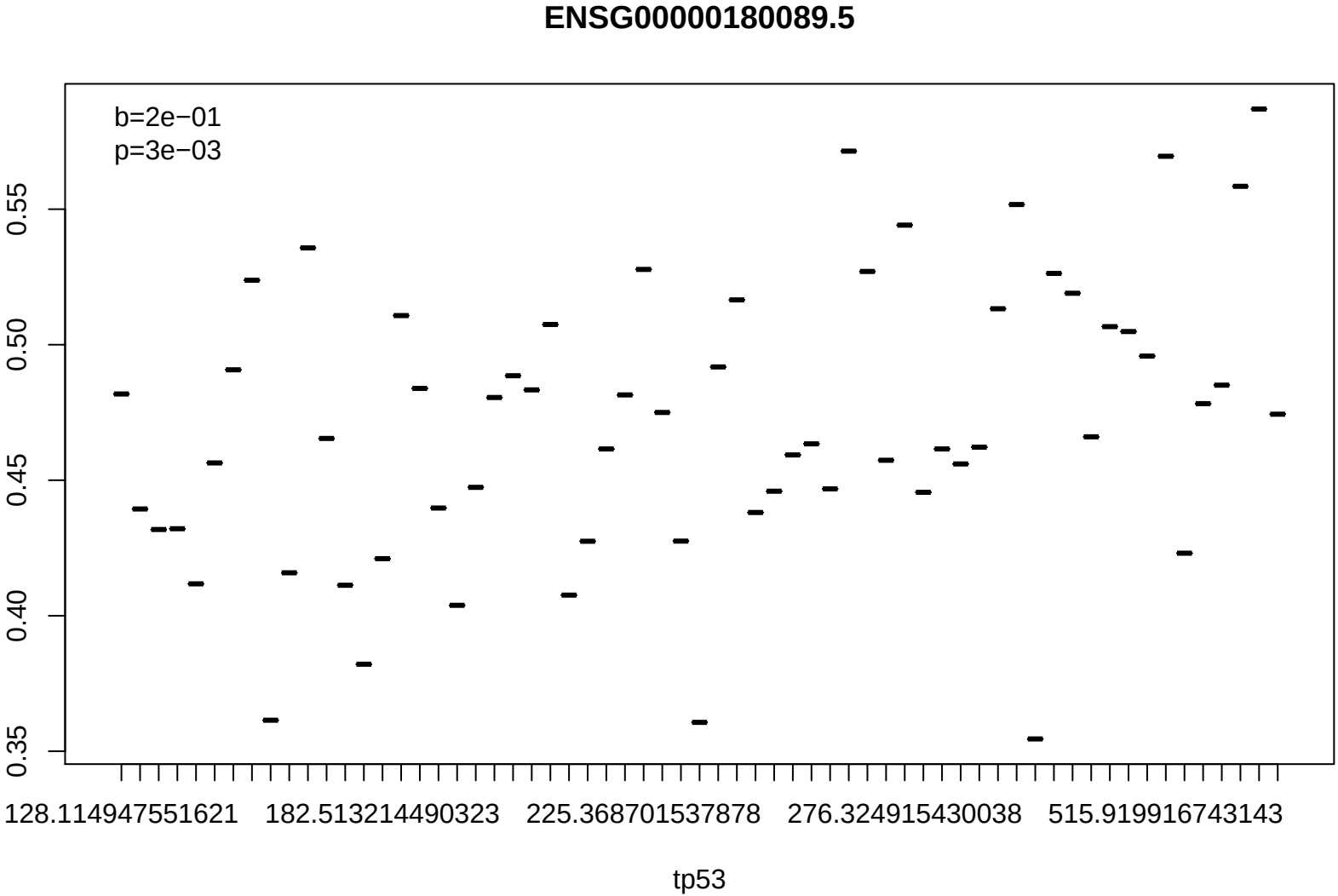

ENSG00000185201.16
b=4e−01
p=2e−03
0.2
0.3
0.4
0.5
0.6
0.7
125.103122337295
193.506564171179
231.218321069127
299.005876915219
515.919916743143
tp53

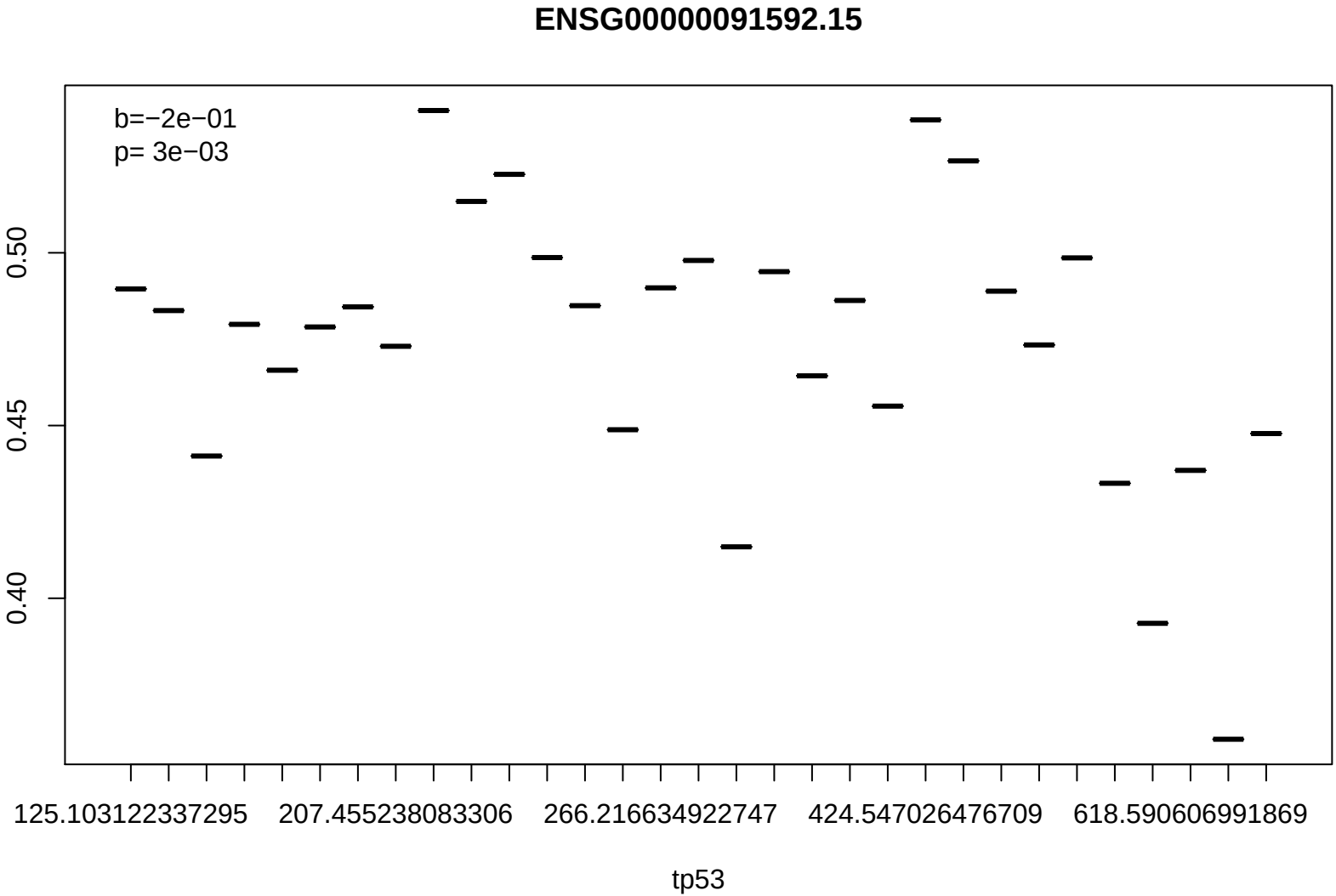

ENSG00000186862.17
b= 7e−01
p= 2e−03
0.3
0.4
0.5
0.6
128.114947551621
179.223856497327
239.189480513245
300.277770542273
514.795220773946
tp53

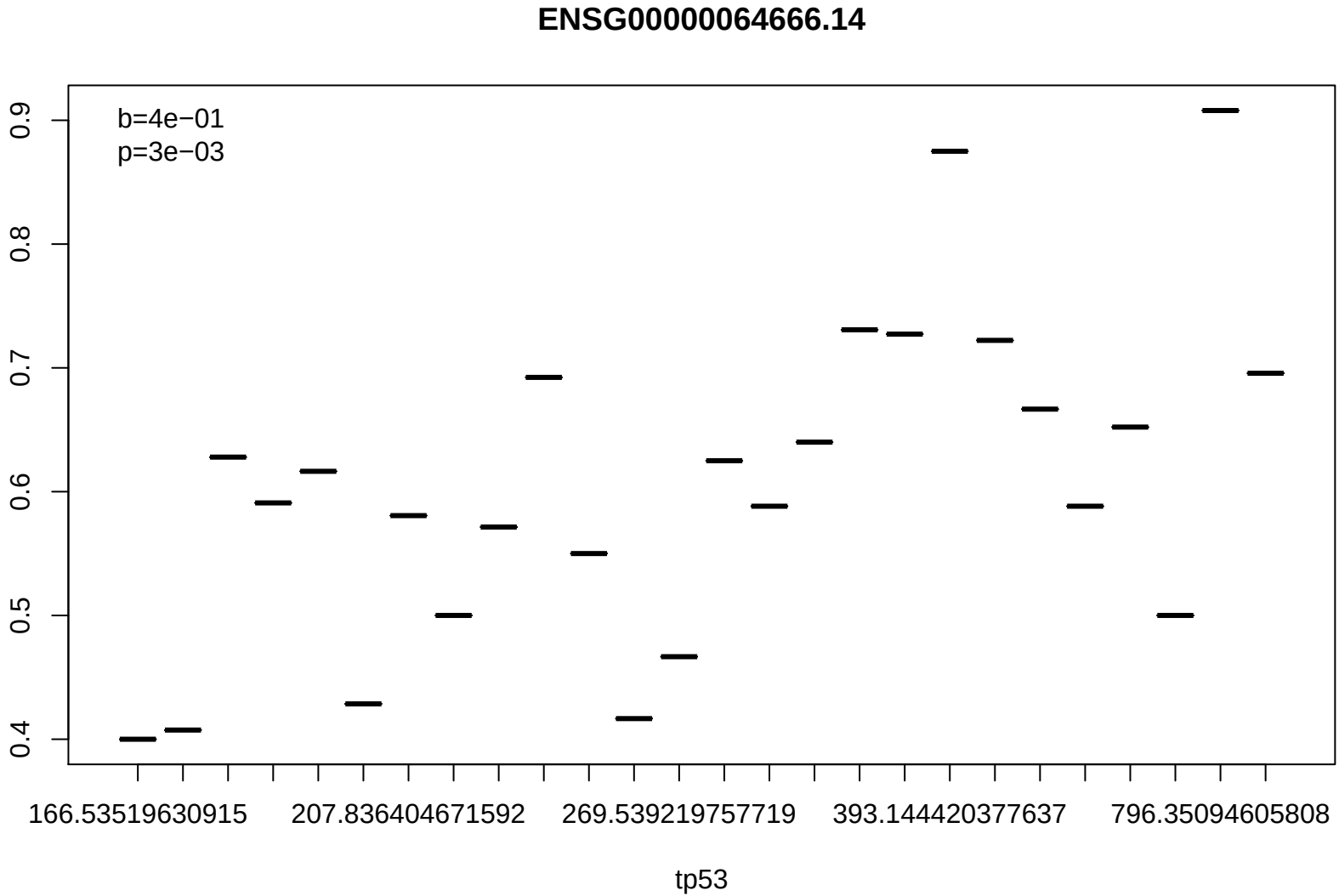

ENSG00000087076.8
b=−3e−01
p= 2e−03
0.70
0.65
0.60
0.55
0.50
0.45
0.40
124.042515518712
191.408430325562
259.106516713113
311.144023330591
550.92849654171
tp53

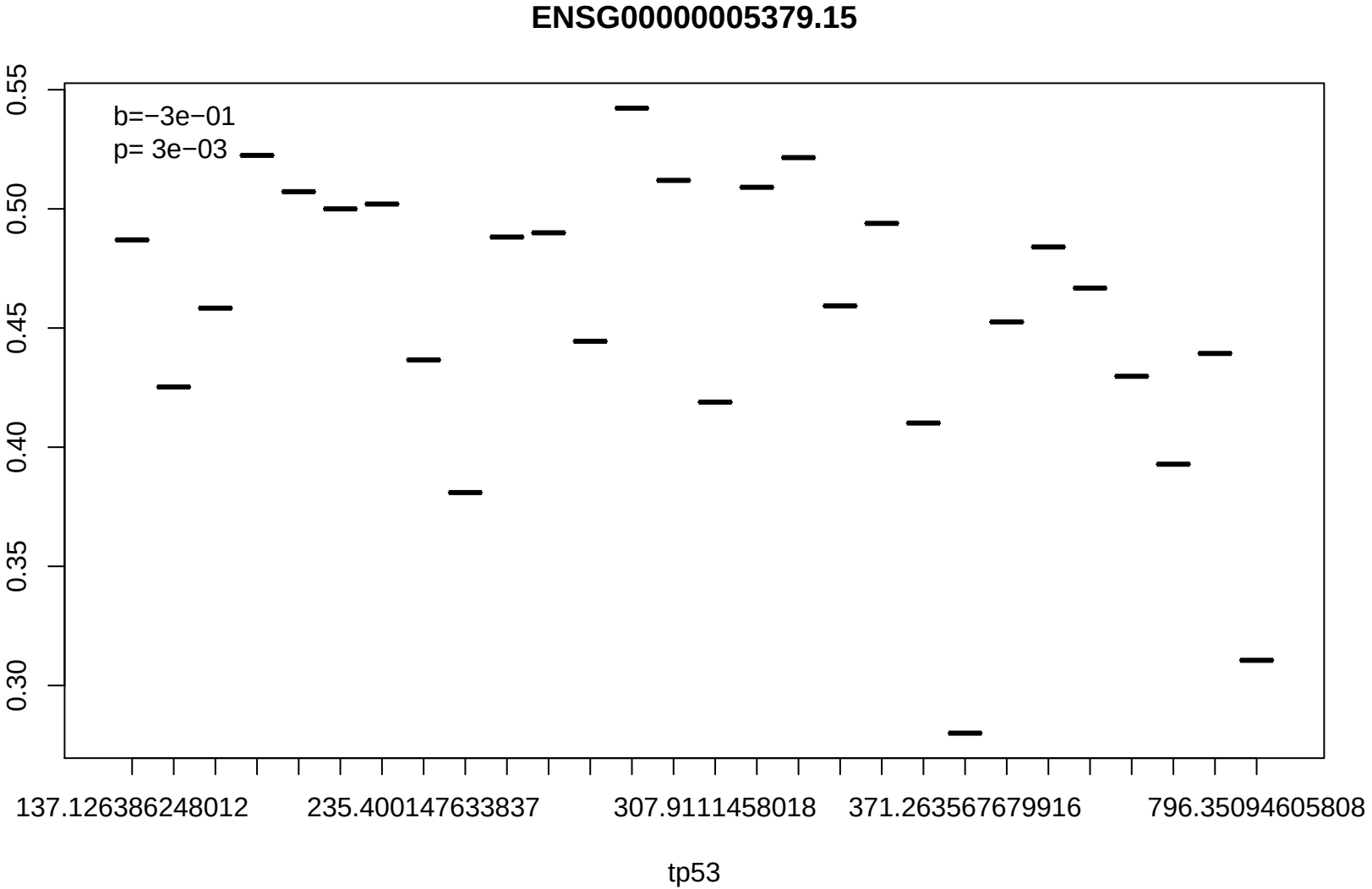

ENSG00000147853.16
b=−4e−01
p= 3e−03
0.65
0.60
0.55
0.50
125.103122337295
207.836404671592
238.266645200567
308.18589666797
757.853225335315
tp53

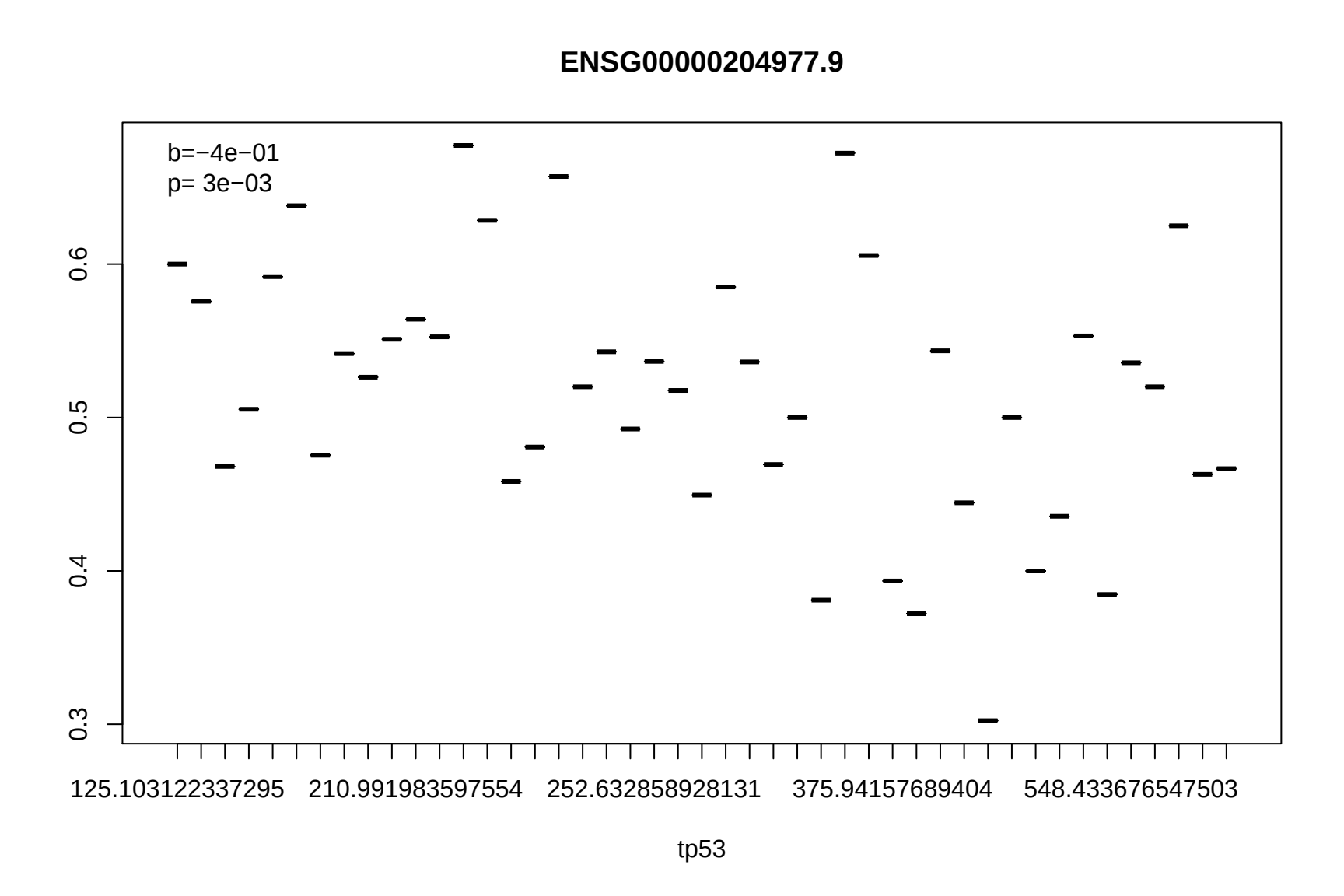

ENSG00000135052.16
b=3e−01
p=3e−03
0.60
0.55
0.50
0.45
142.621885930011
234.073062172137
321.362080337041
483.641993965533
847.347417531445
tp53

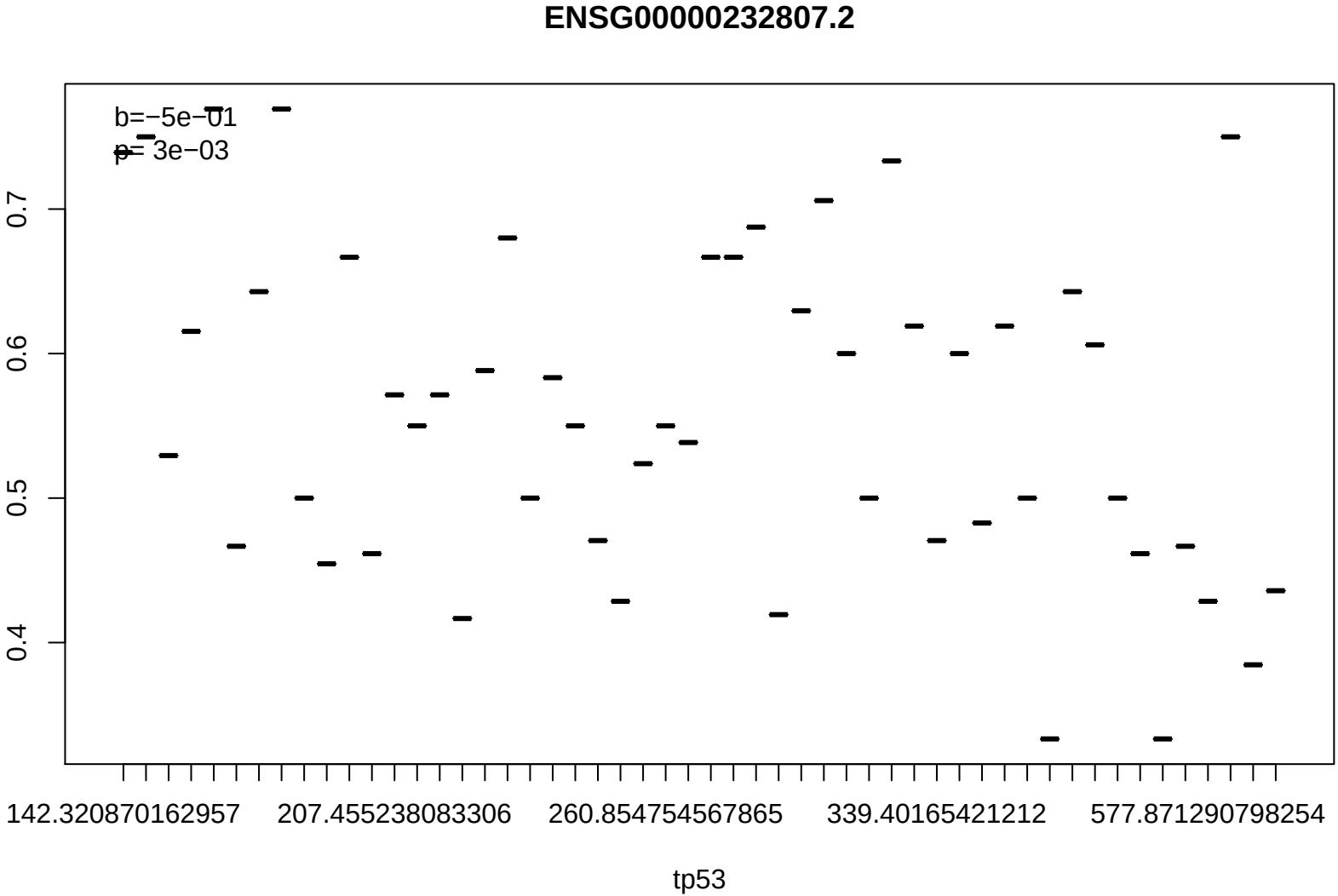

ENSG00000180089.5
b=2e−01
p=3e−03
0.35
0.40
0.45
0.50
0.55
128.114947551621
182.513214490323
225.368701537878
276.324915430038
515.919916743143
tp53

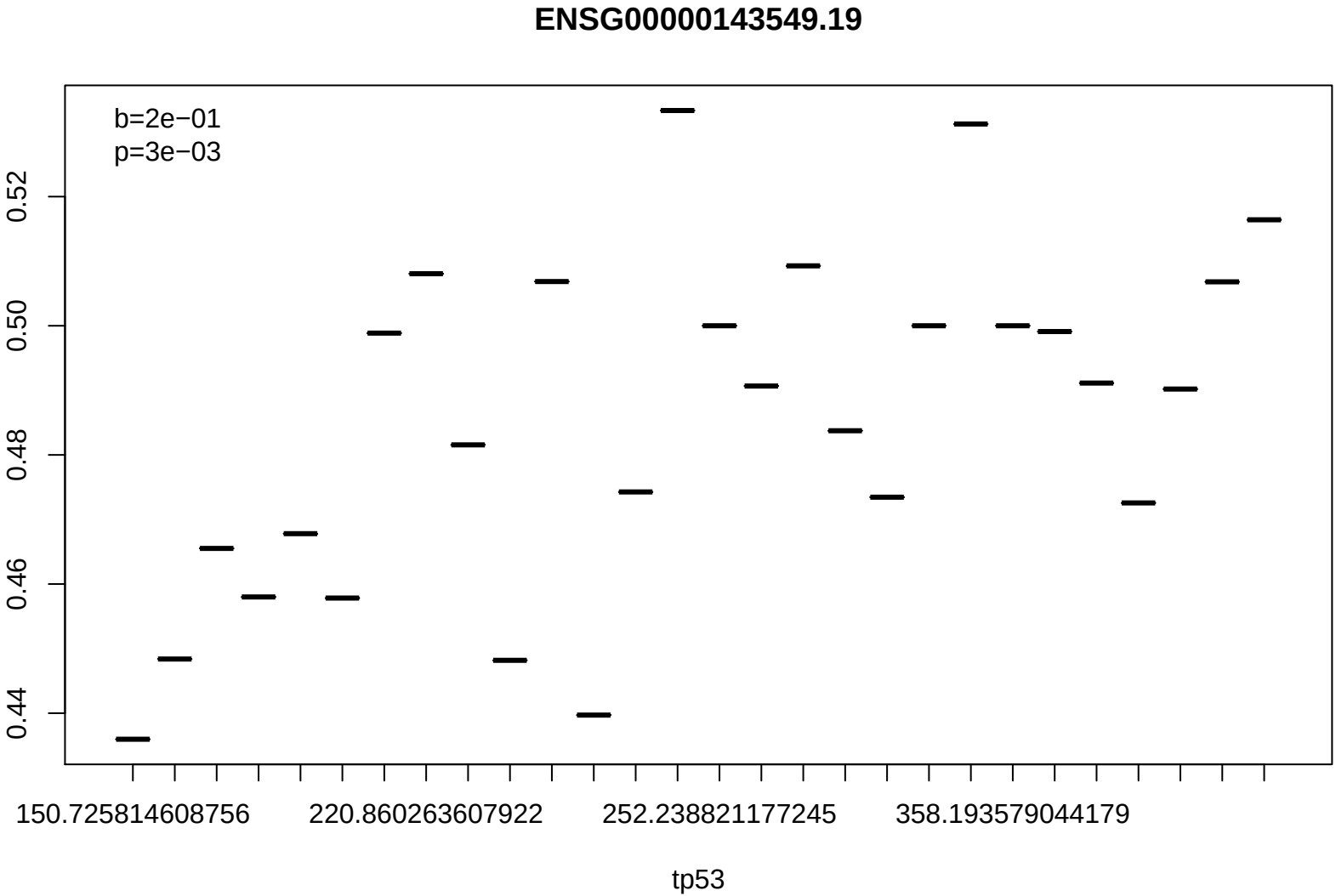

ENSG00000091592.15
b=−2e−01
p= 3e−03
0.50
0.45
0.40
125.103122337295
207.455238083306
266.216634922747
424.547026476709
618.590606991869
tp53

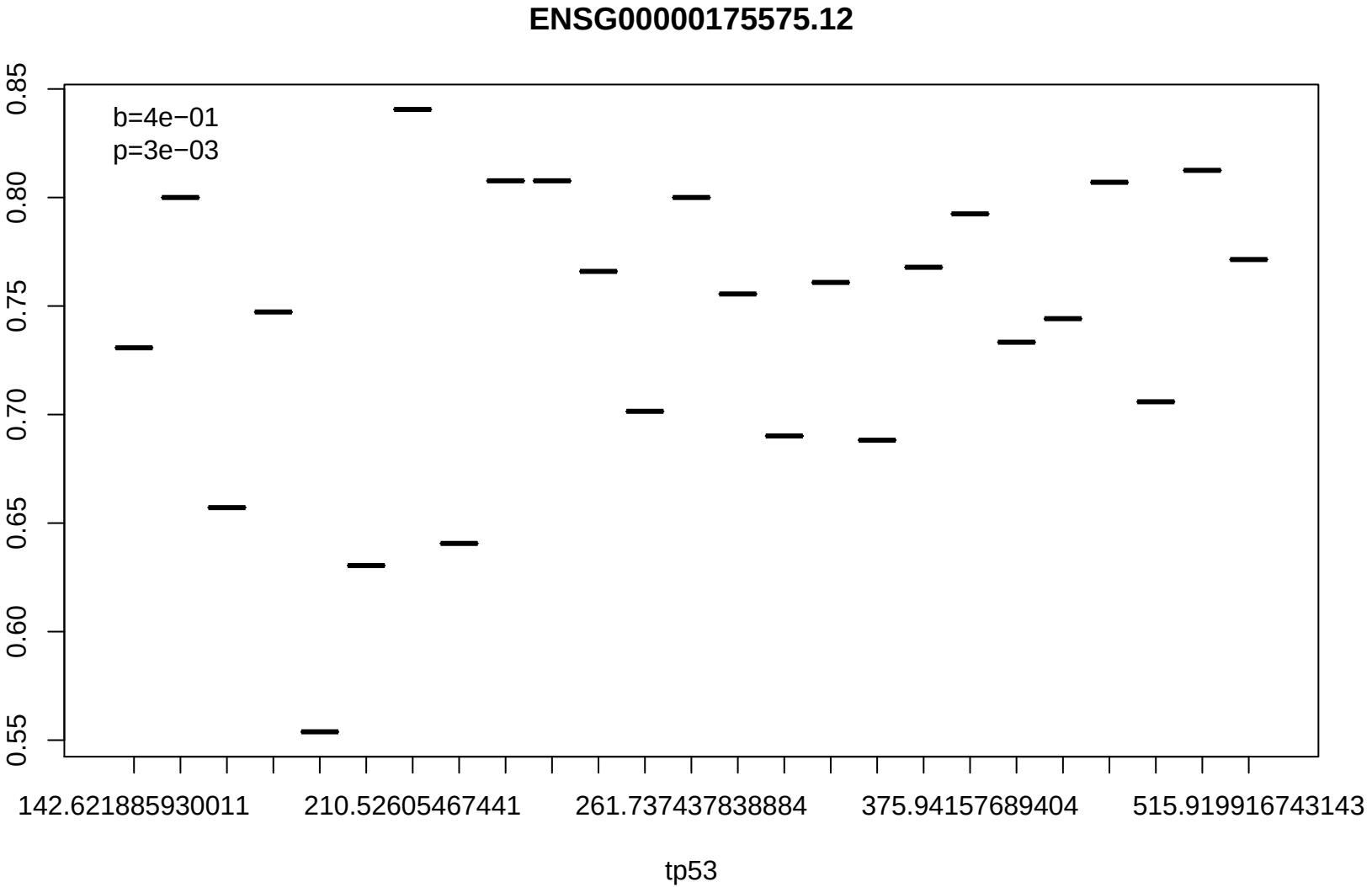

ENSG00000064666.14
b=4e−01
p=3e−03
0.4
0.5
0.6
0.7
0.8
0.9
166.53519630915
207.836404671592
269.539219757719
393.144420377637
796.35094605808
tp53

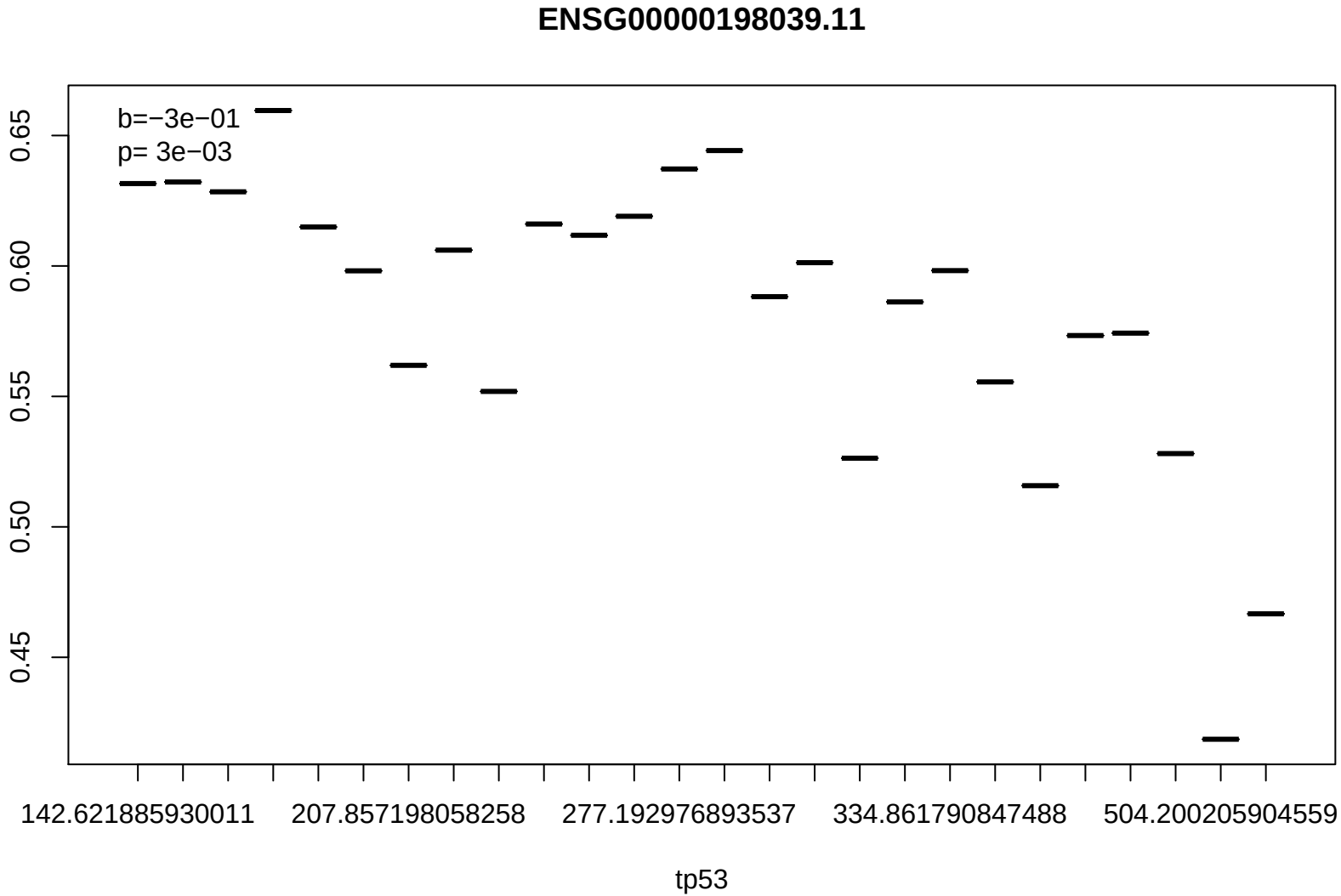

ENSG00000005379.15
b=−3e−01
p= 3e−03
0.55
0.50
0.45
0.40
0.35
0.30
137.126386248012
235.400147633837
307.9111458018
371.263567679916
796.35094605808
tp53

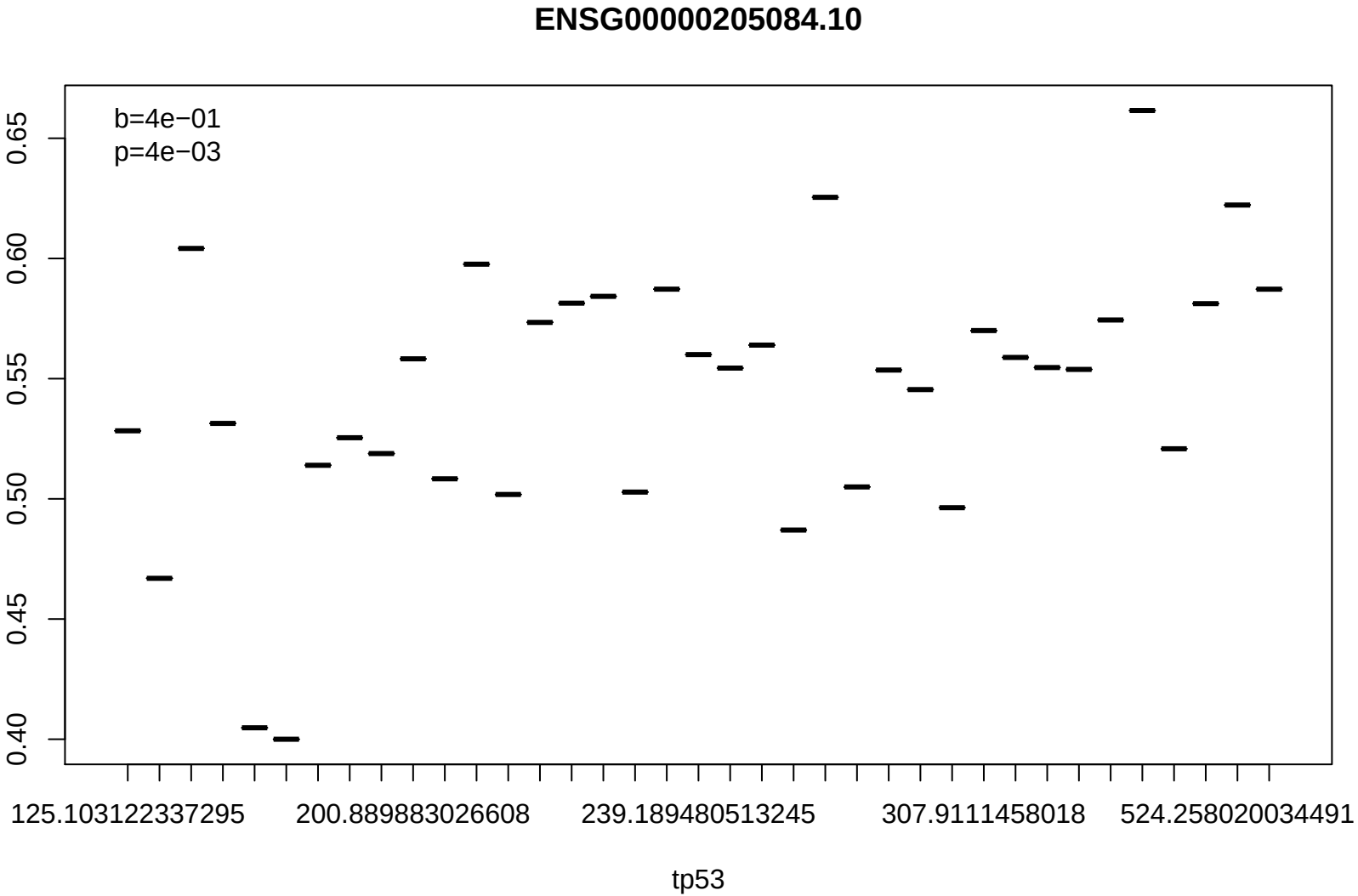

ENSG00000204977.9
b=−4e−01
p= 3e−03
0.3
0.4
0.5
0.6
125.103122337295
210.991983597554
252.632858928131
375.94157689404
548.433676547503
tp53

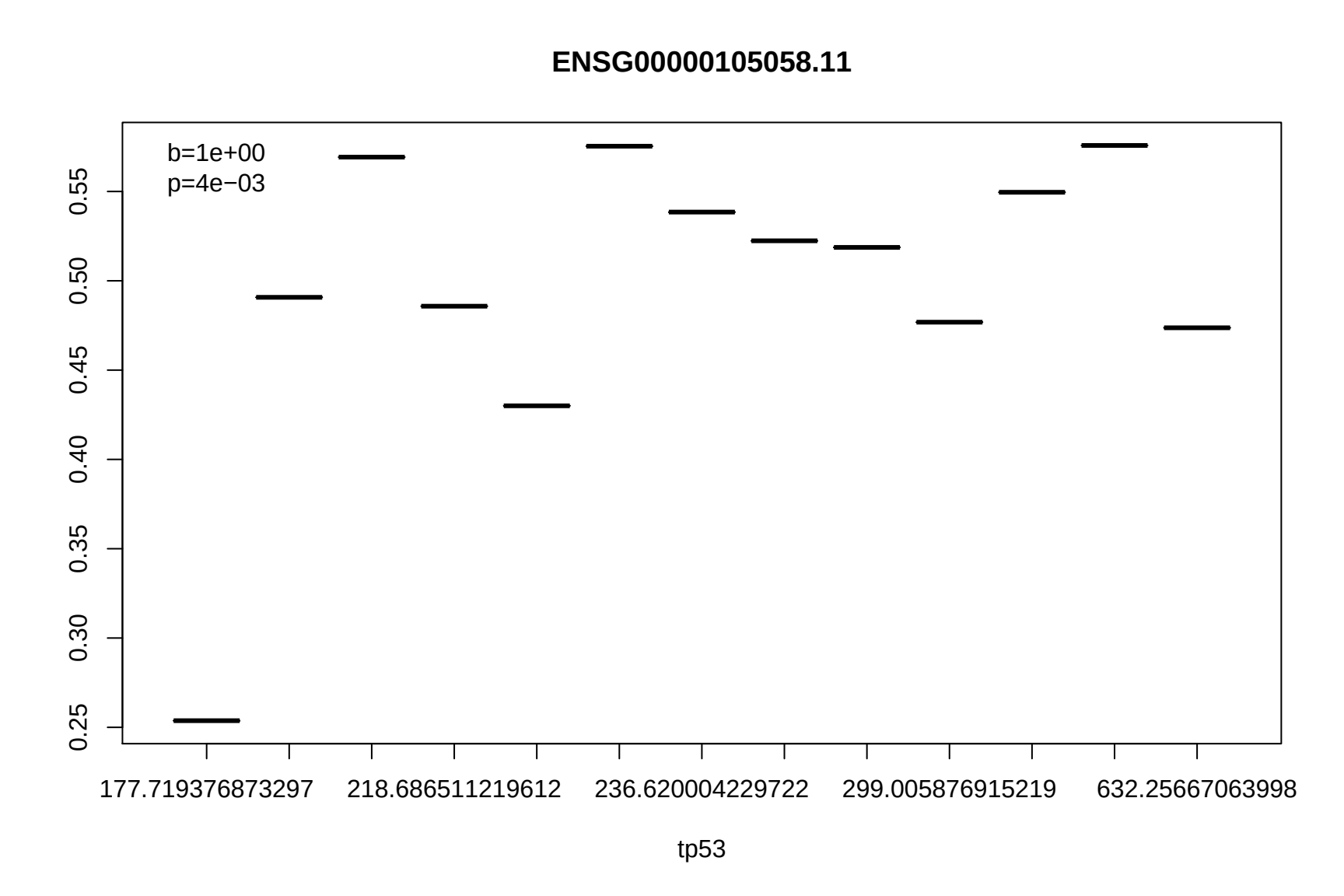

ENSG00000232807.2
b=−5e−01
p= 3e−03
0.4
0.5
0.6
0.7
142.320870162957
207.455238083306
260.854754567865
339.40165421212
577.871290798254
tp53

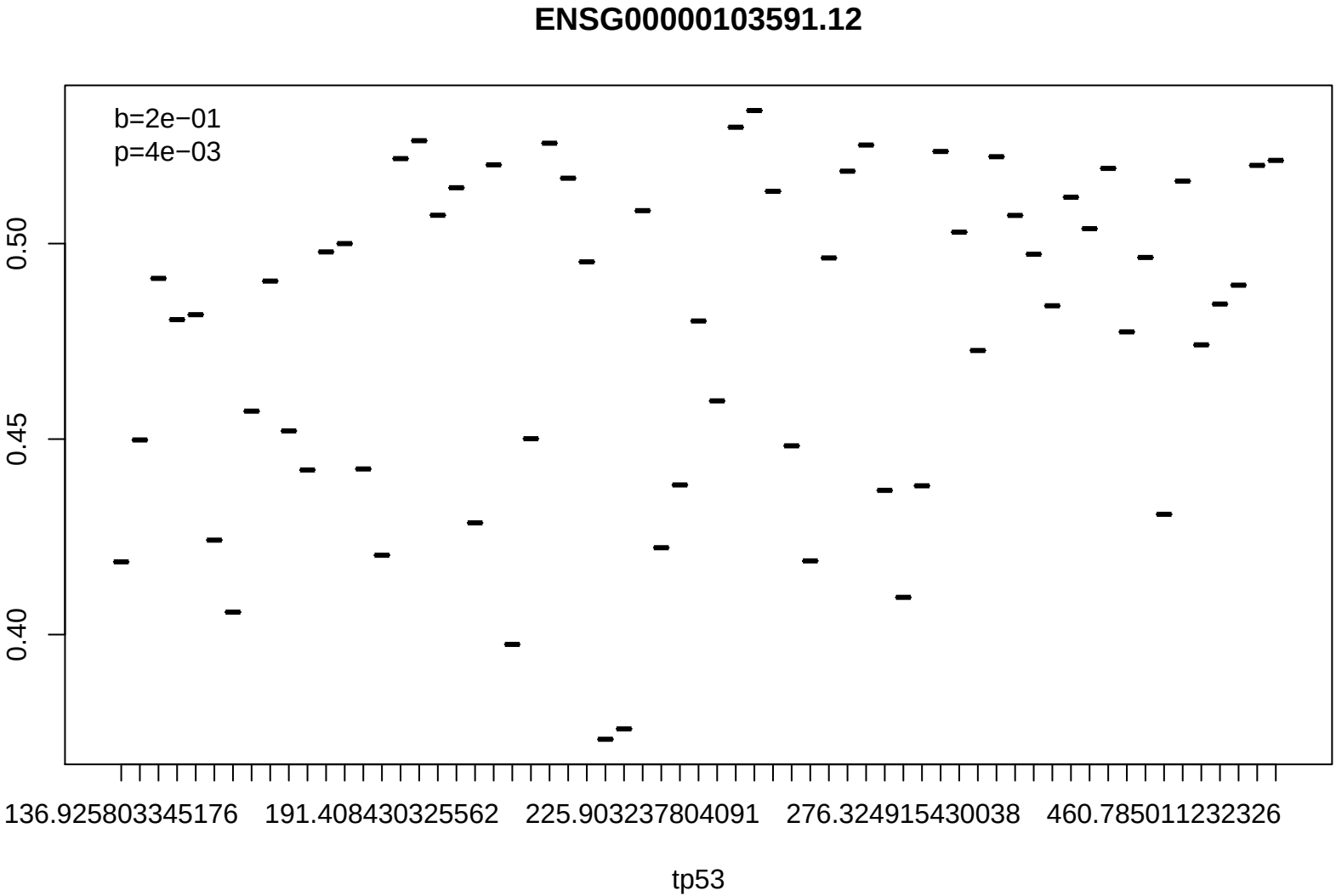

ENSG00000143549.19
b=2e−01
p=3e−03
0.52
0.50
0.48
0.46
0.44
150.725814608756
220.860263607922
252.238821177245
358.193579044179
tp53

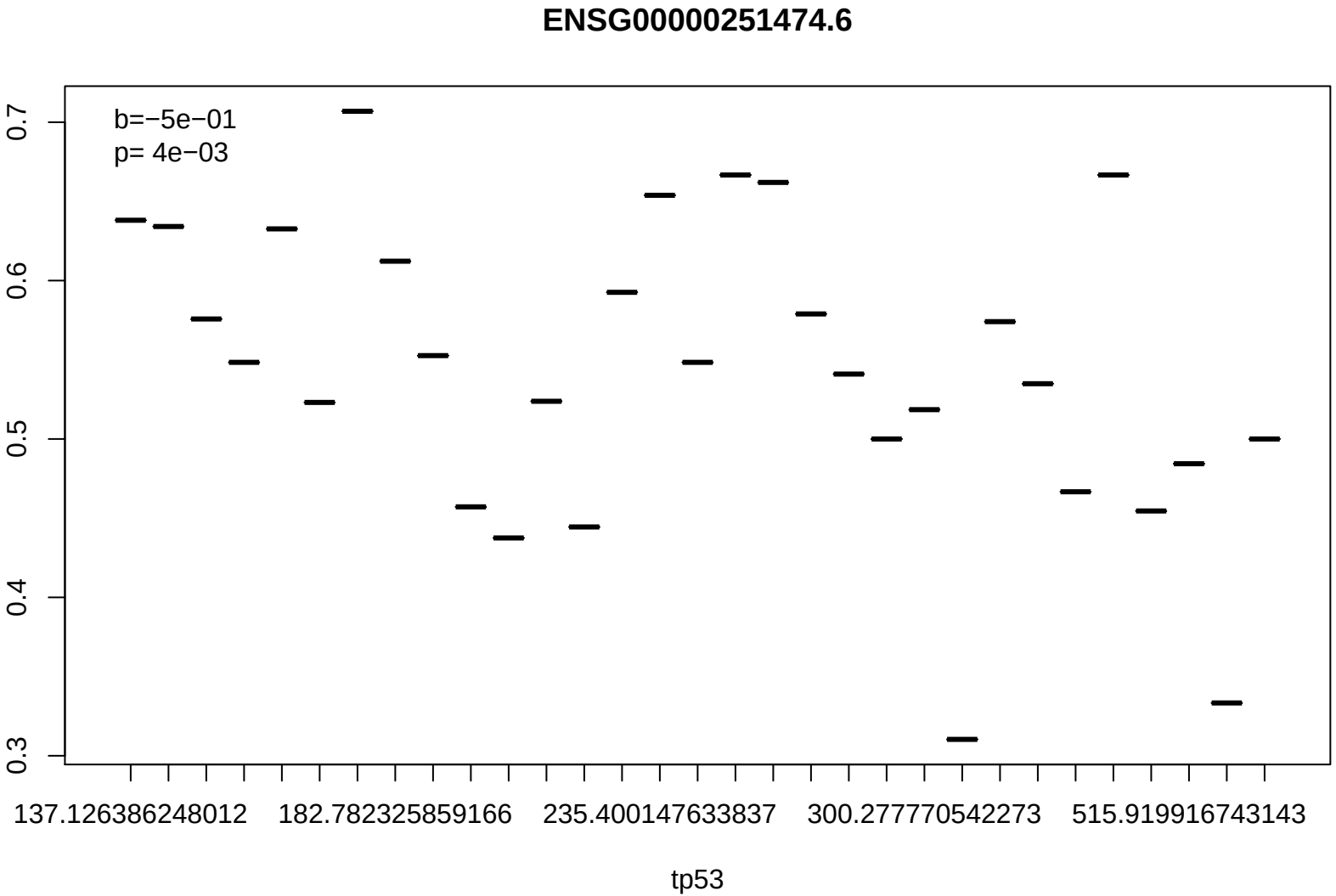

ENSG00000175575.12
b=4e−01
p=3e−03
0.85
0.80
0.75
0.70
0.65
0.60
0.55
142.621885930011
210.52605467441
261.737437838884
375.94157689404
515.919916743143
tp53

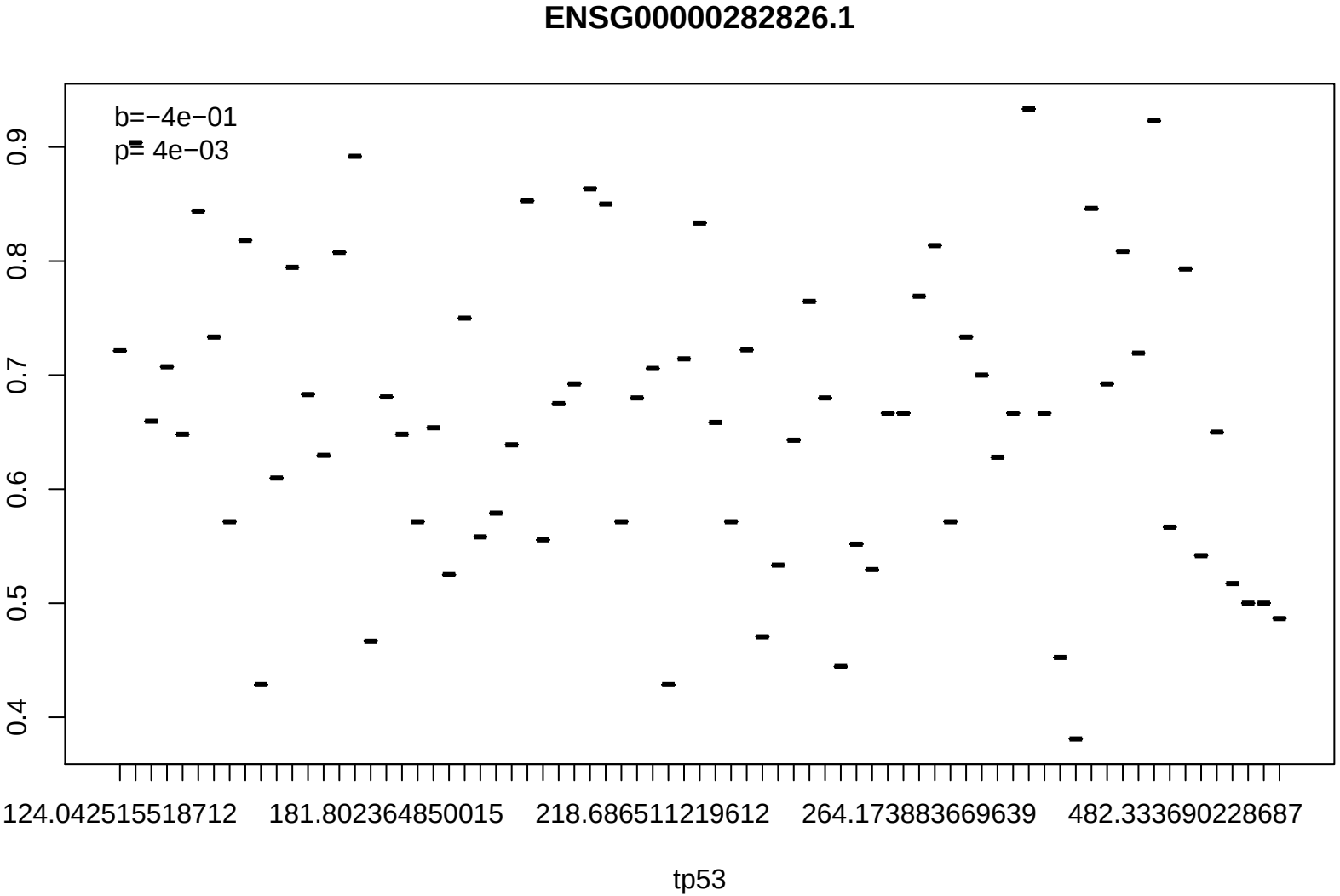

ENSG00000198039.11
b=−3e−01
p= 3e−03
0.65
0.60
0.55
0.50
0.45
142.621885930011
207.857198058258
277.192976893537
334.861790847488
504.200205904559
tp53

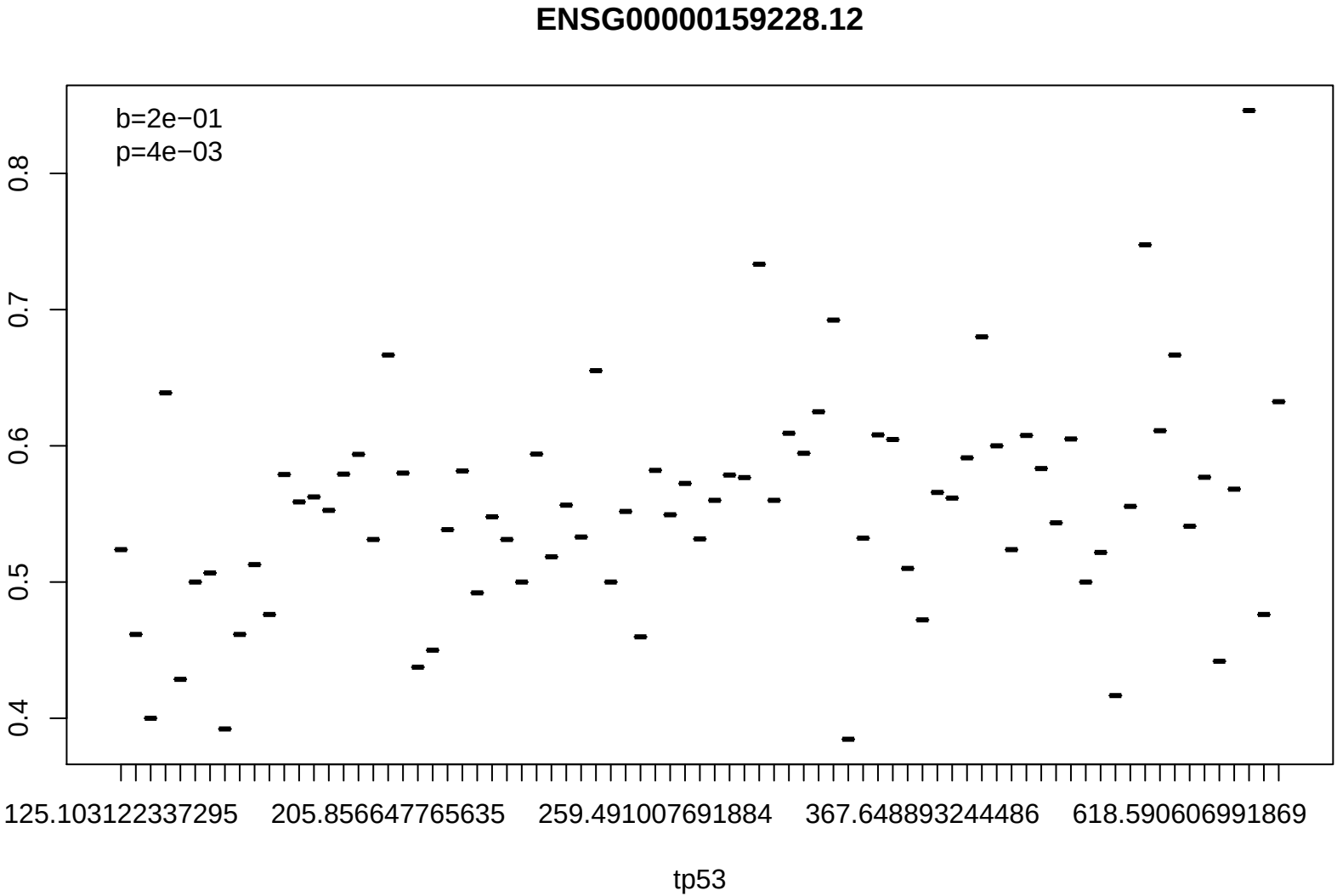

ENSG00000205084.10
b=4e−01
p=4e−03
0.65
0.60
0.55
0.50
0.45
0.40
125.103122337295
200.889883026608
239.189480513245
307.9111458018
524.258020034491
tp53

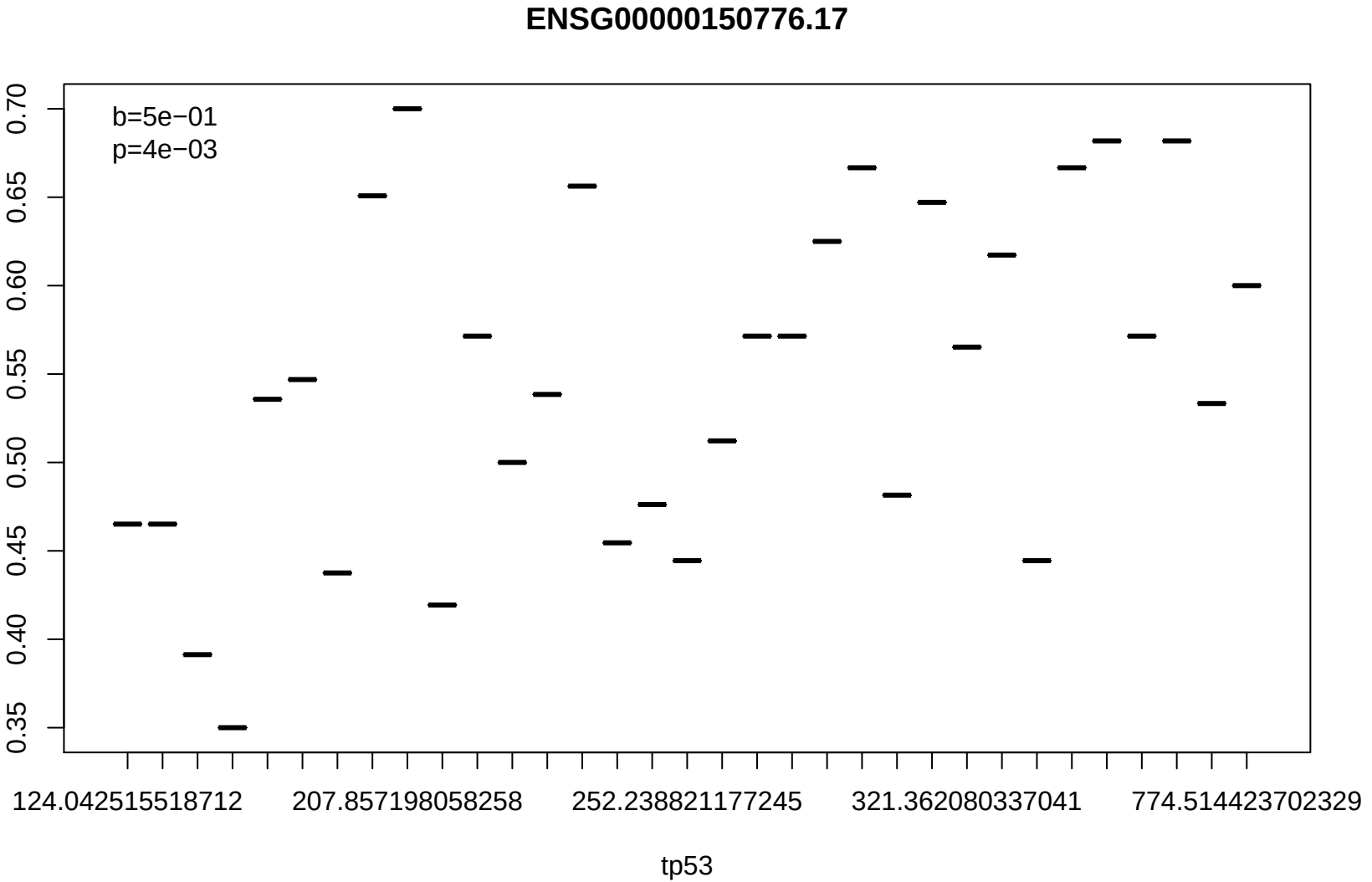

ENSG00000105058.11
b=1e+00
p=4e−03
0.25
0.30
0.35
0.40
0.45
0.50
0.55
177.719376873297
218.686511219612
236.620004229722
299.005876915219
632.25667063998
tp53

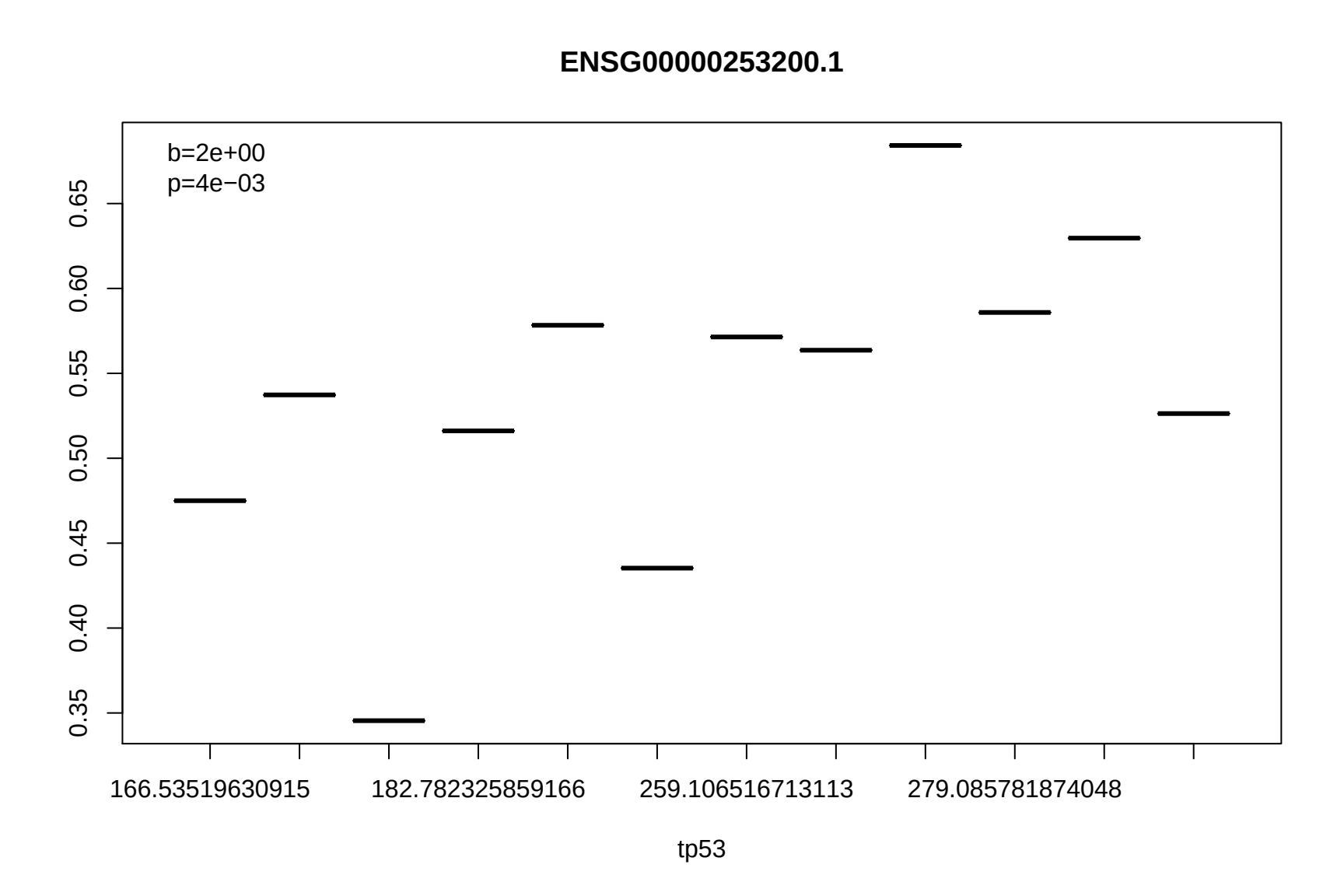

ENSG00000103591.12
b=2e−01
p=4e−03
0.50
0.45
0.40
136.925803345176
191.408430325562
225.903237804091
276.324915430038
460.785011232326
tp53

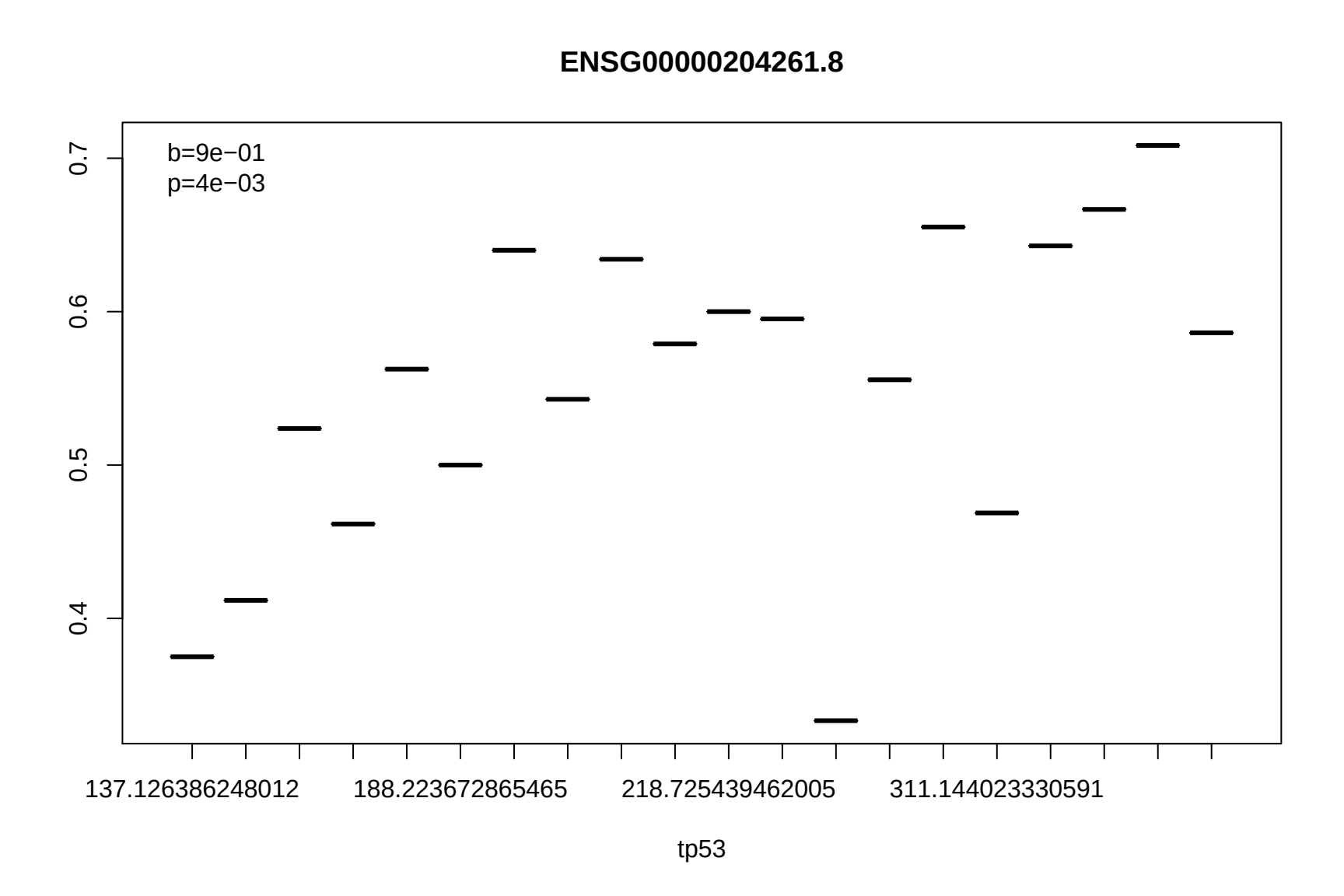

ENSG00000251474.6
b=−5e−01
p= 4e−03
0.7
0.6
0.5
0.4
0.3
137.126386248012
182.782325859166
235.400147633837
300.277770542273
515.919916743143
tp53

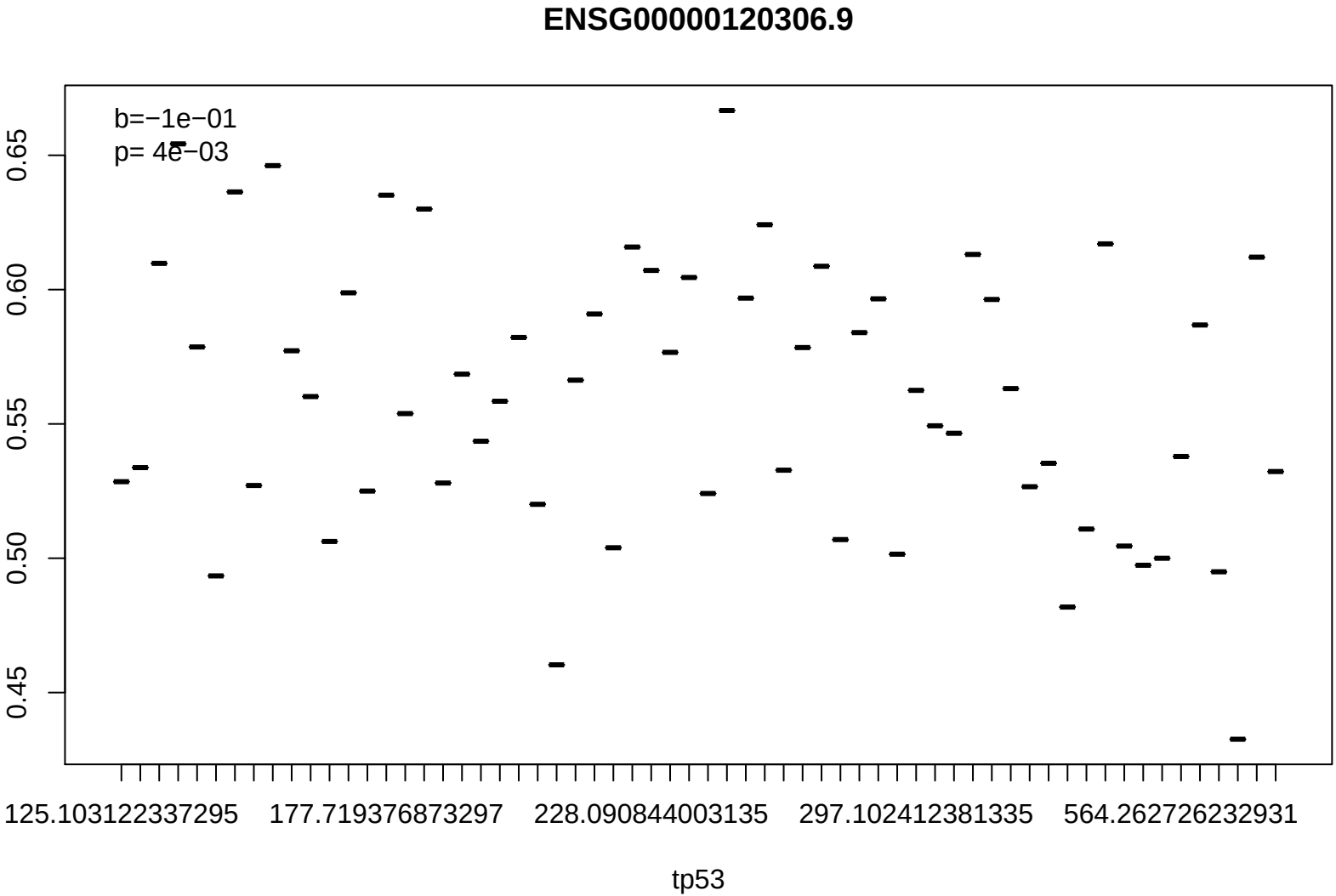

ENSG00000282826.1
b=−4e−01
p= 4e−03
0.4
0.5
0.6
0.7
0.8
0.9
124.042515518712
181.802364850015
218.686511219612
264.173883669639
482.333690228687
tp53

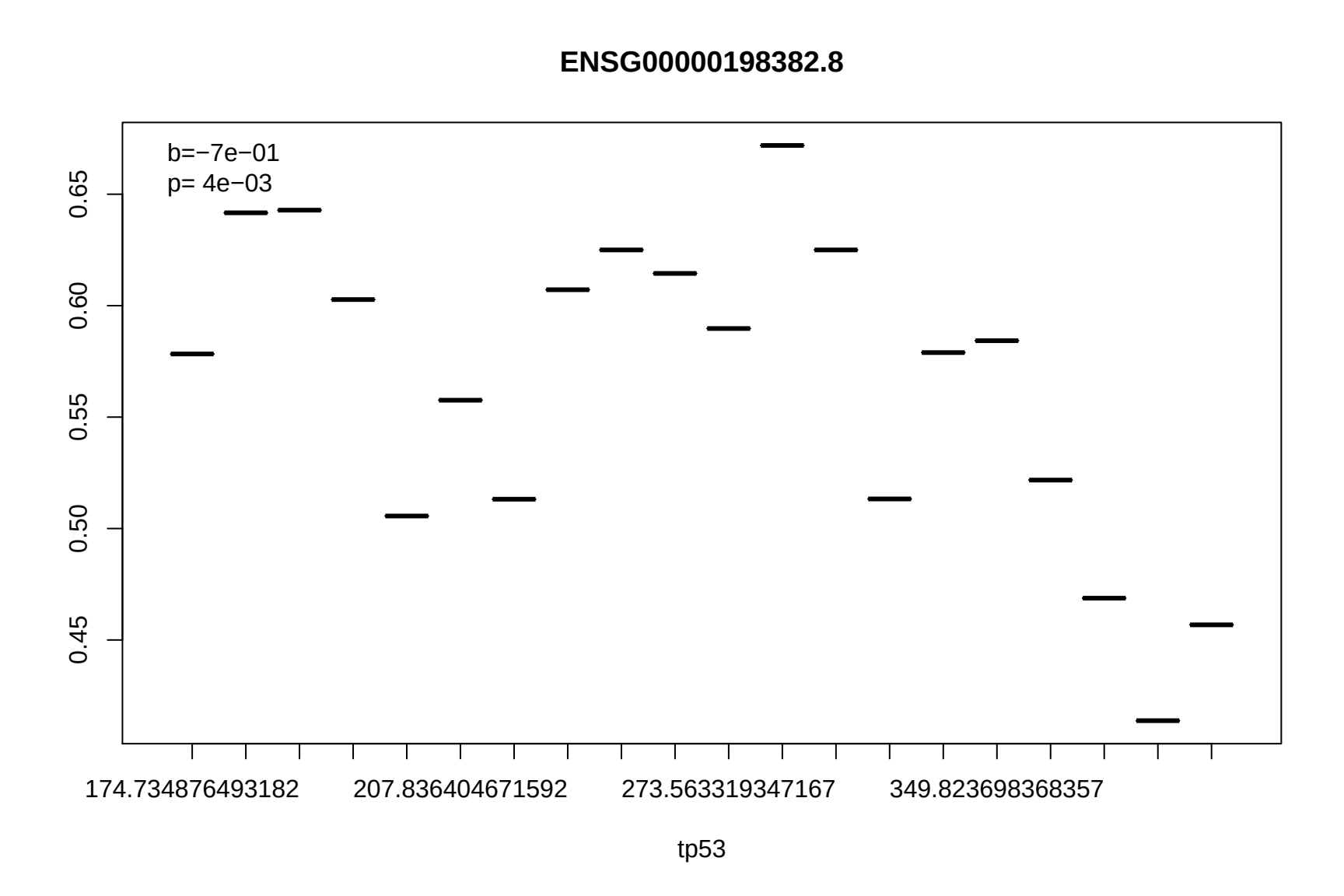

ENSG00000159228.12
b=2e−01
p=4e−03
0.4
0.5
0.6
0.7
0.8
125.103122337295
205.856647765635
259.491007691884
367.648893244486
618.590606991869
tp53

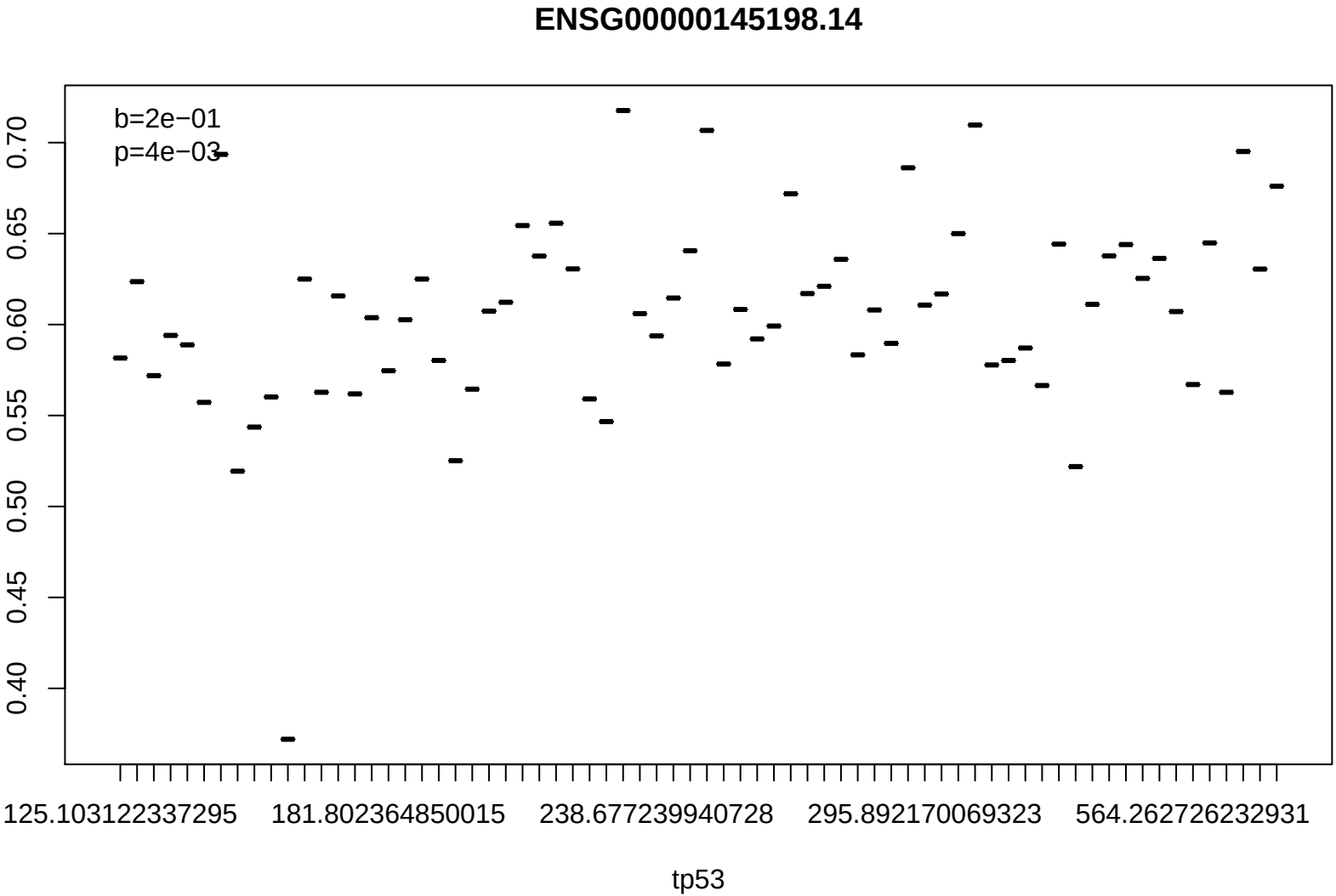

ENSG00000150776.17
b=5e−01
p=4e−03
0.35
0.40
0.45
0.50
0.55
0.60
0.65
0.70
124.042515518712
207.857198058258
252.238821177245
321.362080337041
774.514423702329
tp53

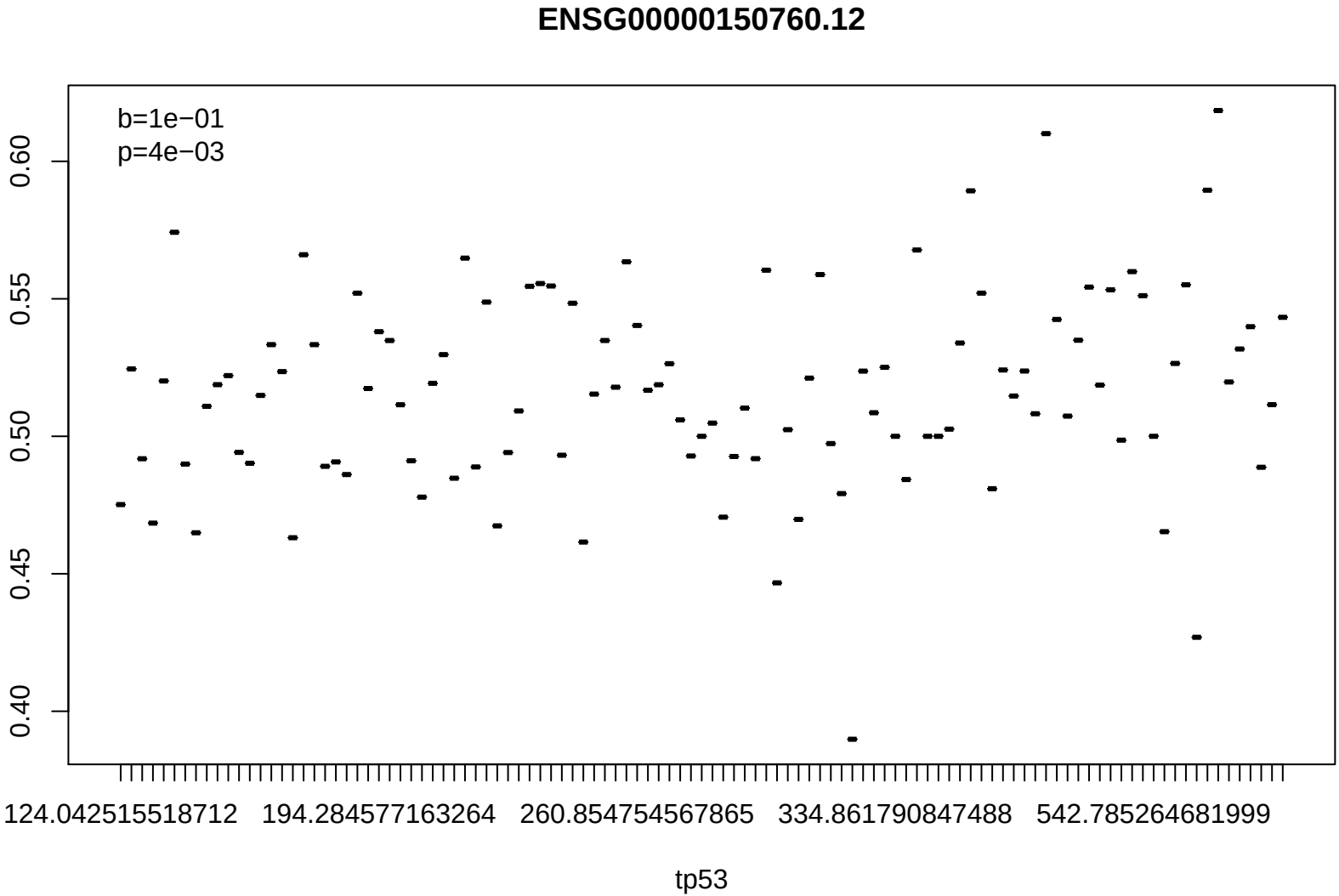

ENSG00000253200.1
b=2e+00
p=4e−03
0.35
0.40
0.45
0.50
0.55
0.60
0.65
166.53519630915
182.782325859166
259.106516713113
279.085781874048
tp53

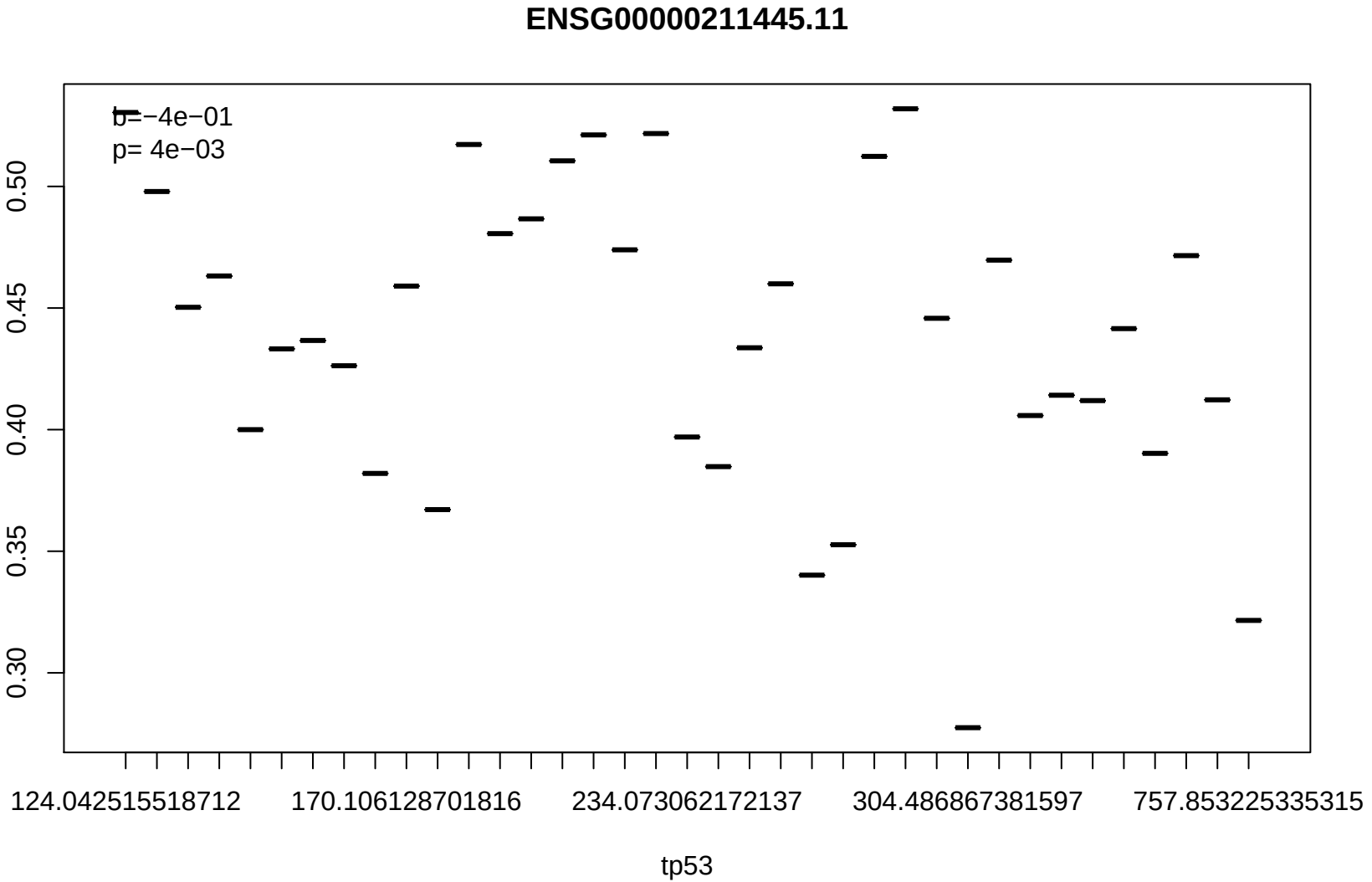

ENSG00000204261.8
b=9e−01
p=4e−03
0.7
0.6
0.5
0.4
137.126386248012
188.223672865465
218.725439462005
311.144023330591
tp53

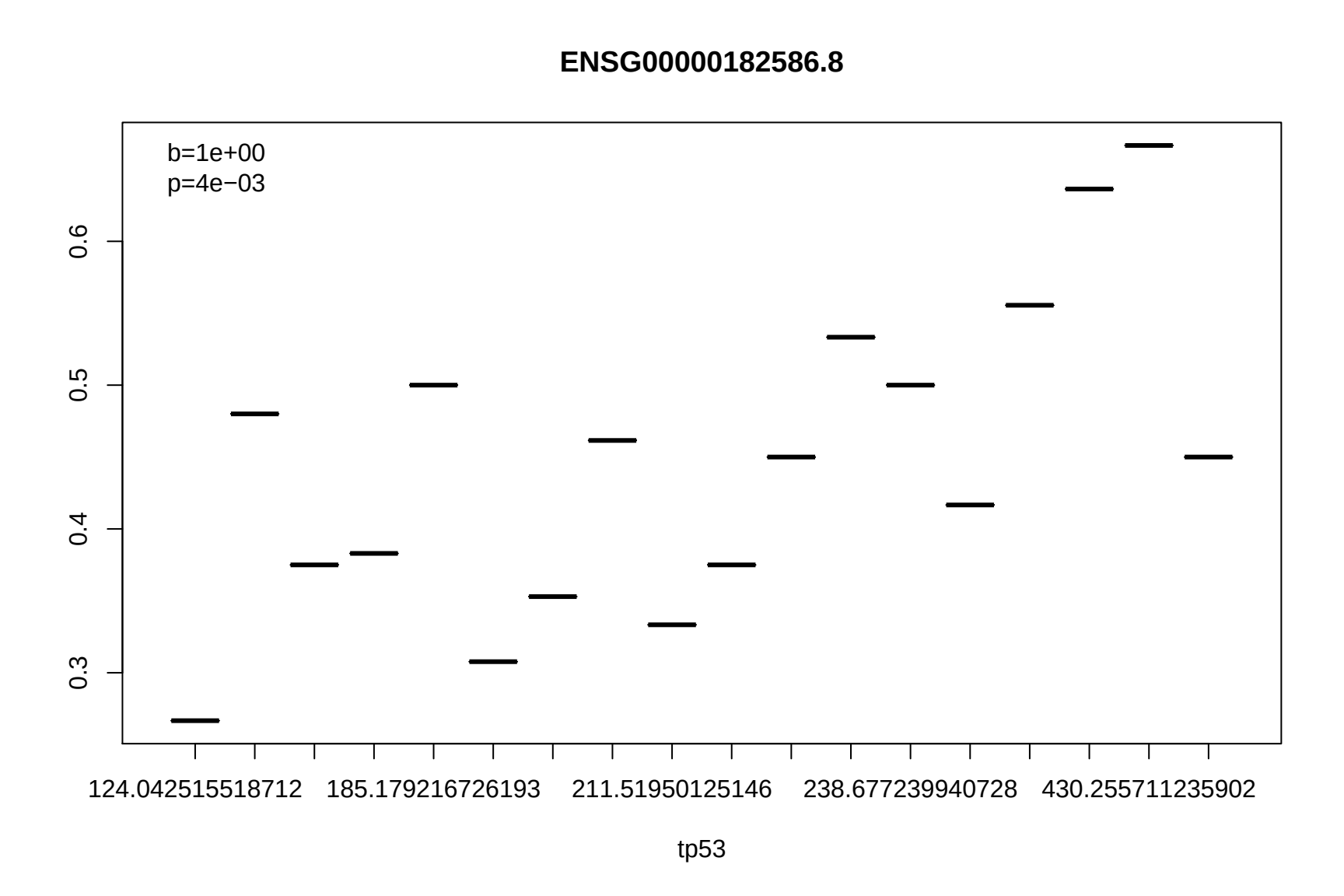

ENSG00000120306.9
b=−1e−01
p= 4e−03
0.65
0.60
0.55
0.50
0.45
125.103122337295
177.719376873297
228.090844003135
297.102412381335
564.262726232931
tp53

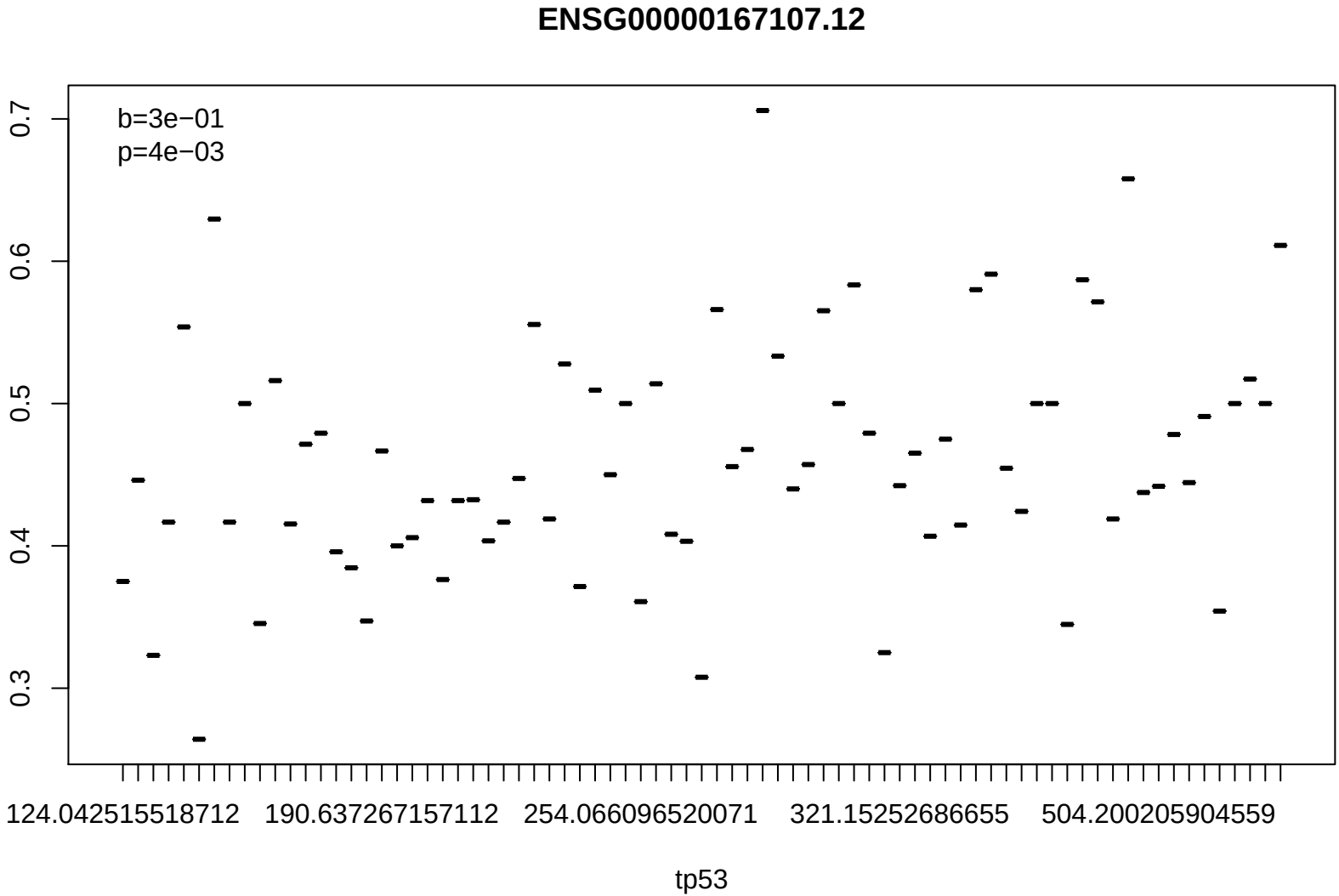

ENSG00000198382.8
b=−7e−01
p= 4e−03
0.65
0.60
0.55
0.50
0.45
174.734876493182
207.836404671592
273.563319347167
349.823698368357
tp53

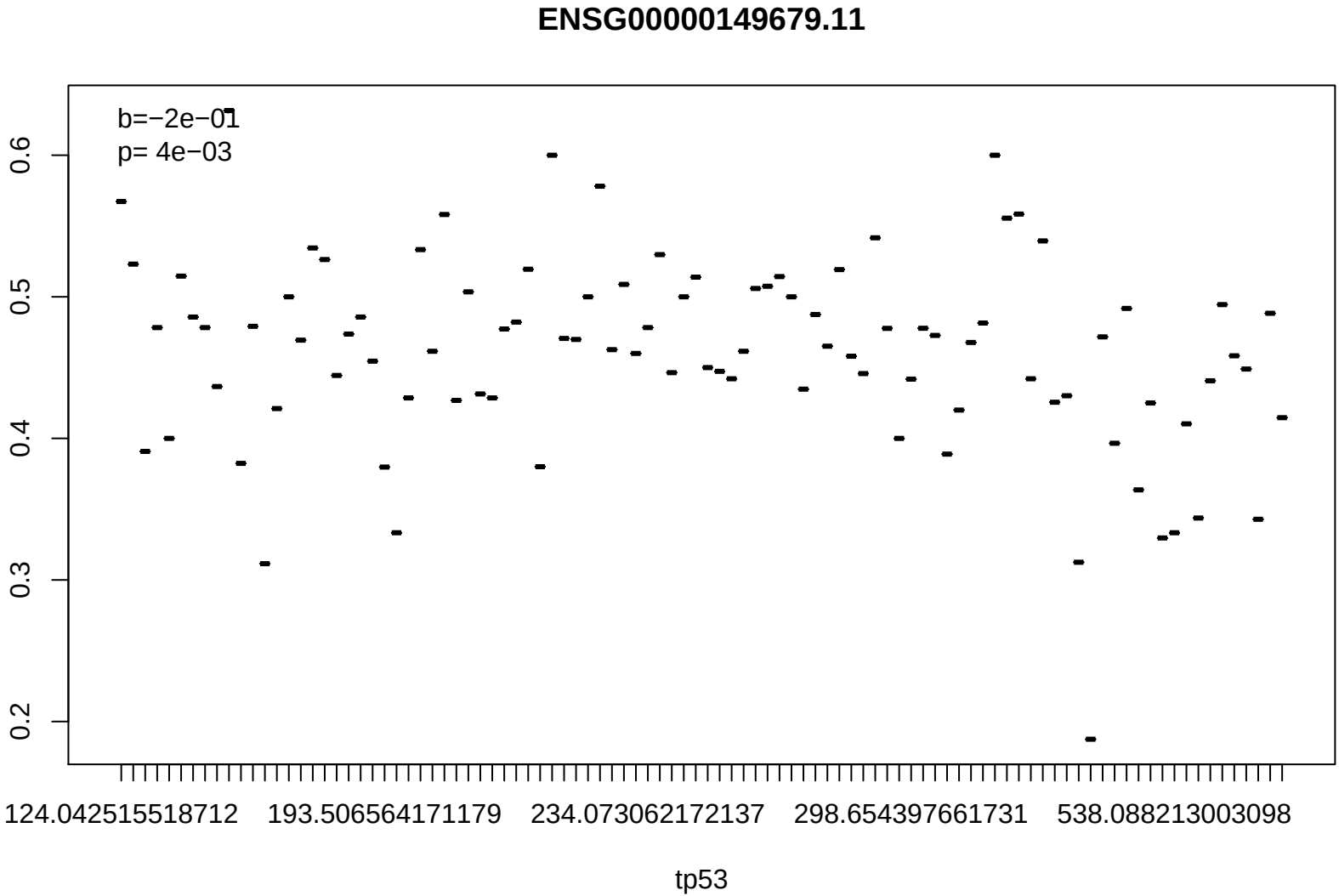

ENSG00000145198.14
b=2e−01
p=4e−03
0.70
0.65
0.60
0.55
0.50
0.45
0.40
125.103122337295
181.802364850015
238.677239940728
295.892170069323
564.262726232931
tp53

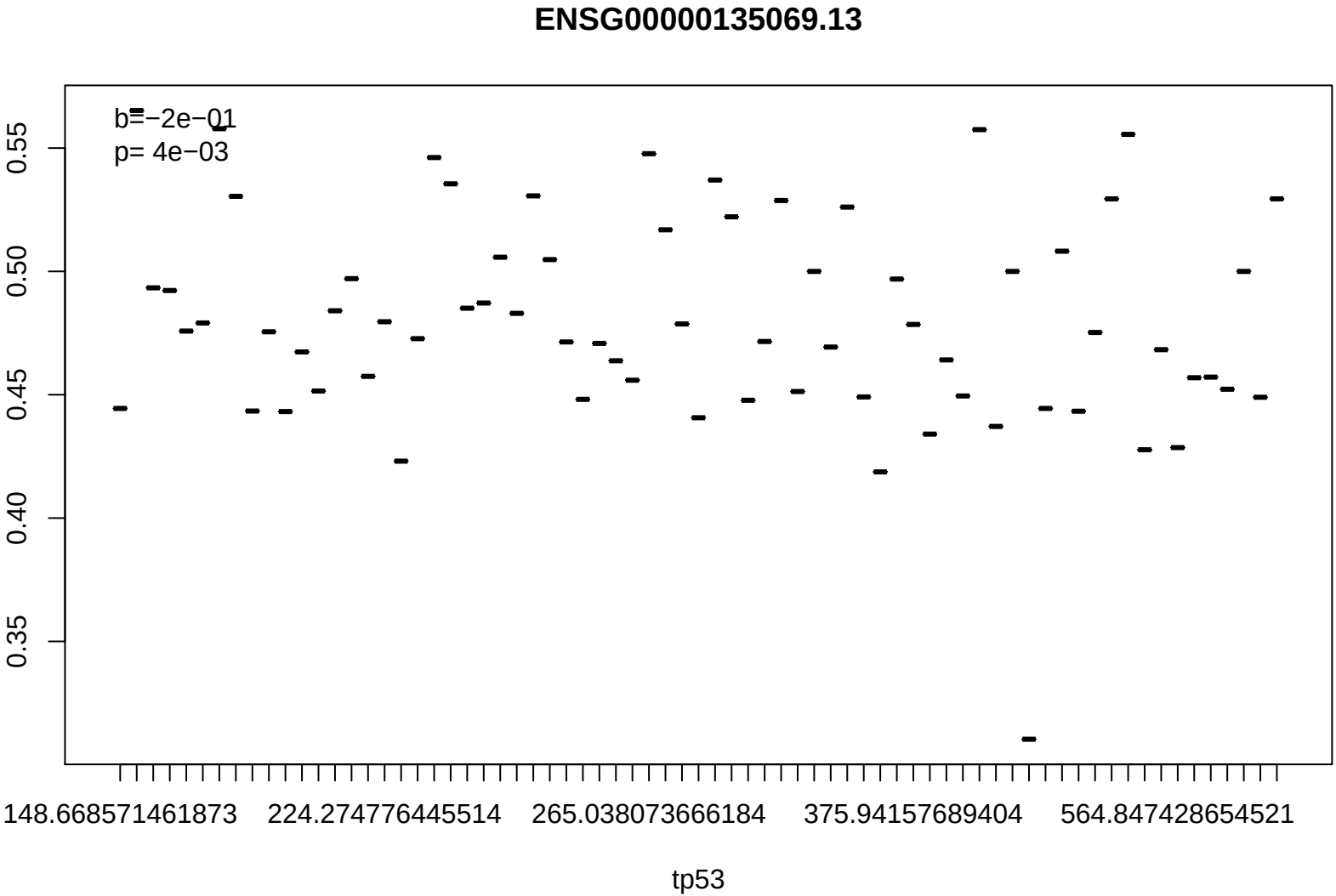

ENSG00000150760.12
b=1e−01
p=4e−03
0.60
0.55
0.50
0.45
0.40
124.042515518712
194.284577163264
260.854754567865
334.861790847488
542.785264681999
tp53

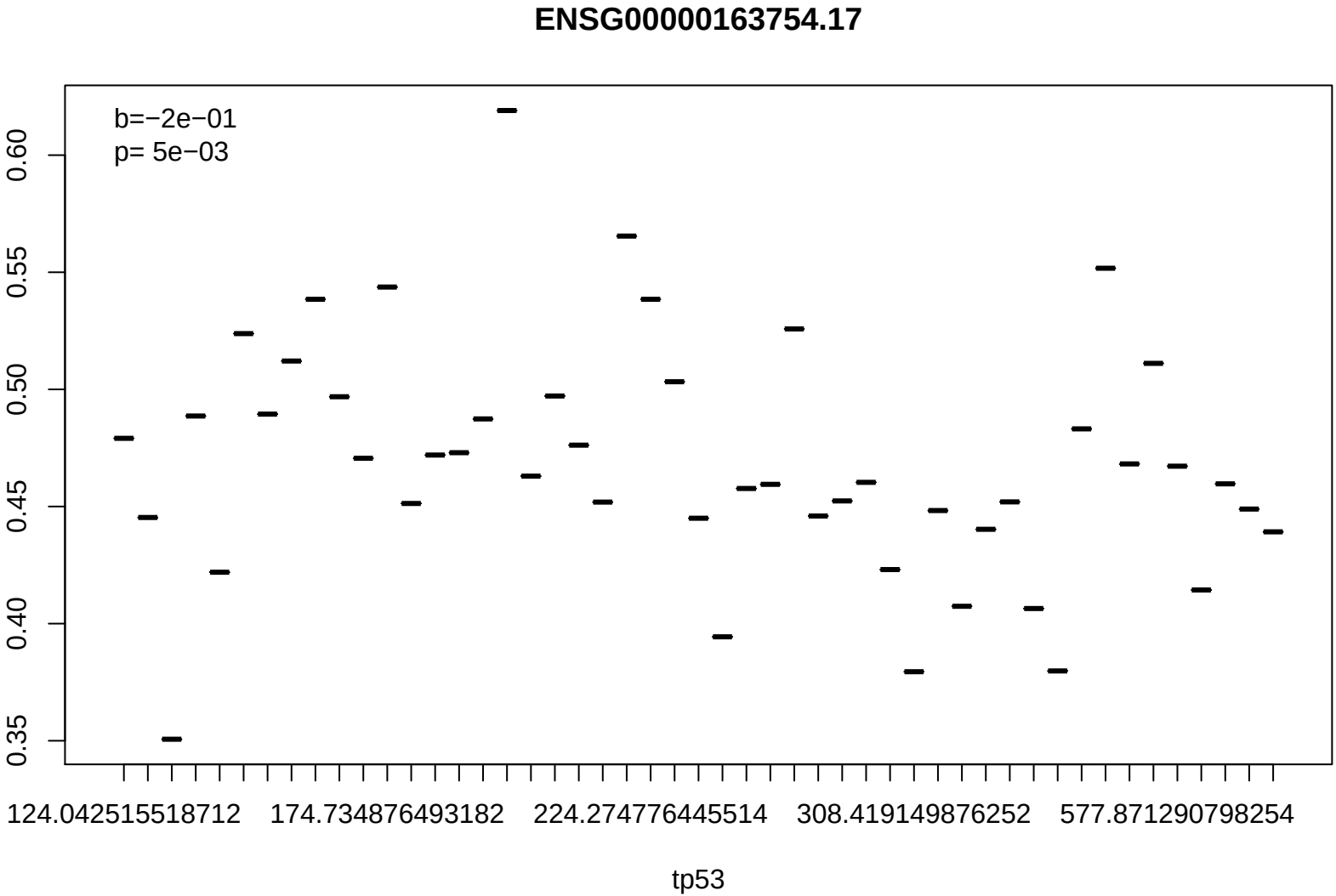

ENSG00000211445.11
b=−4e−01
p= 4e−03
0.50
0.45
0.40
0.35
0.30
124.042515518712
170.106128701816
234.073062172137
304.486867381597
757.853225335315
tp53

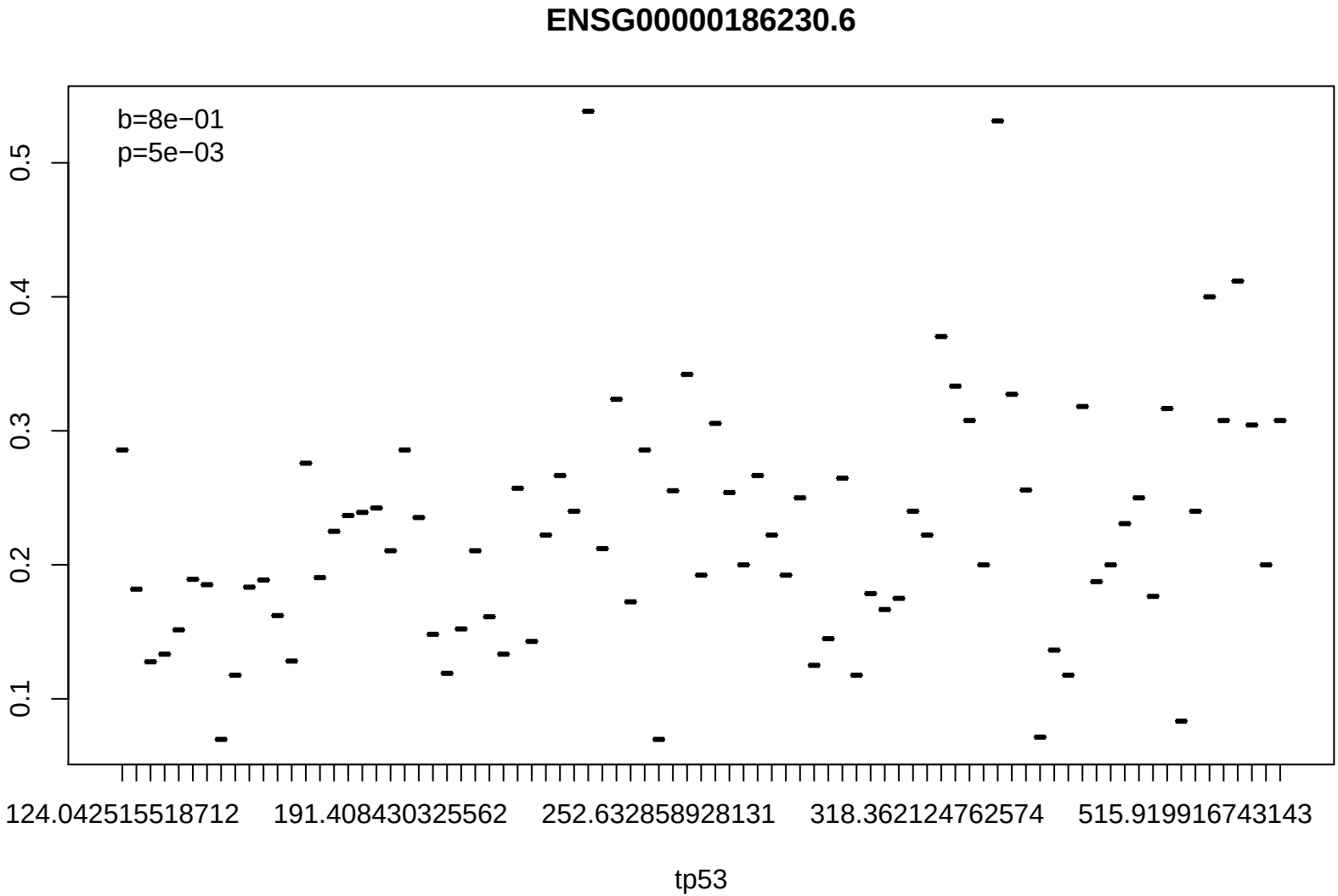

ENSG00000182586.8
b=1e+00
p=4e−03
0.3
0.4
0.5
0.6
124.042515518712
185.179216726193
211.51950125146
238.677239940728
430.255711235902
tp53

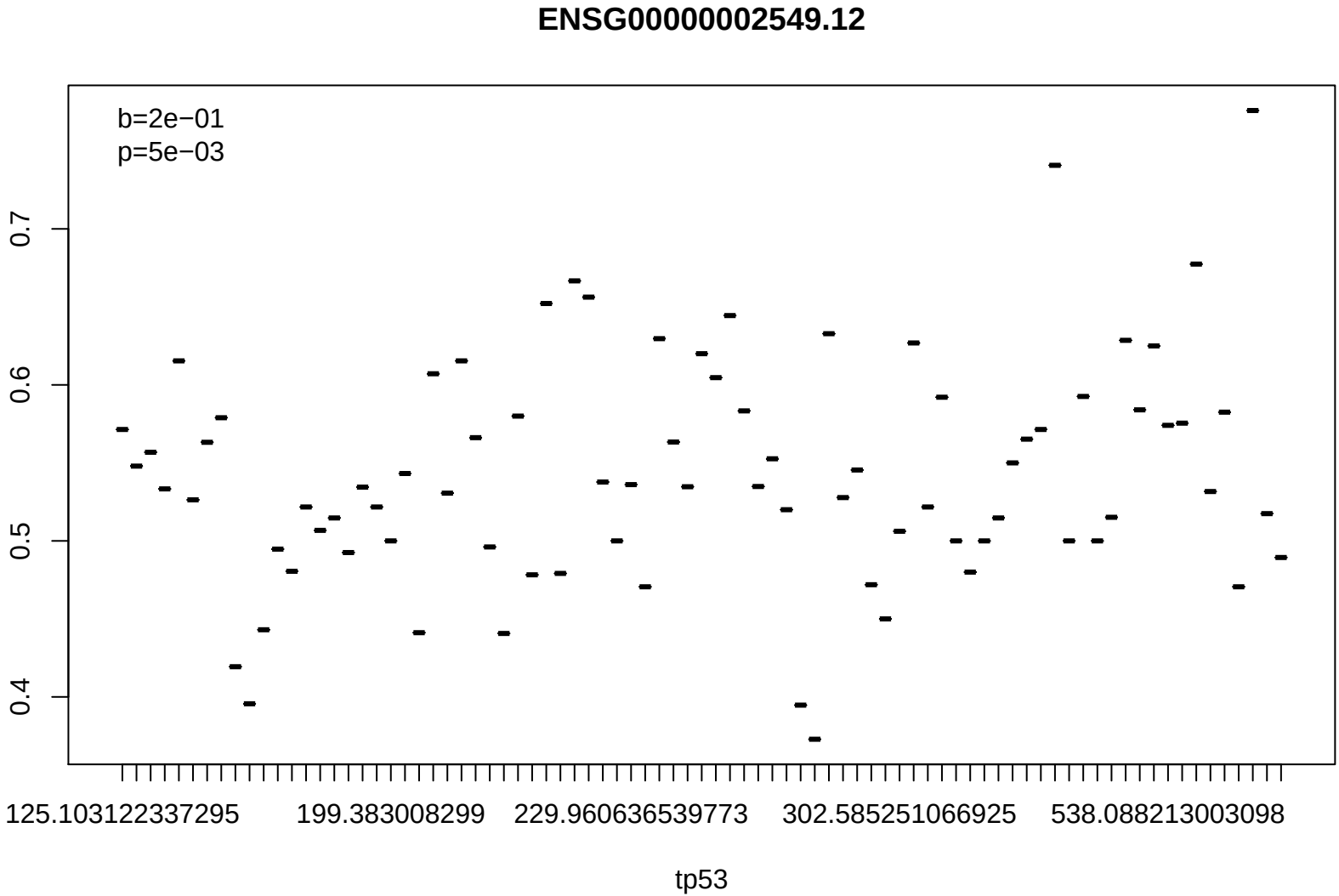

ENSG00000167107.12
b=3e−01
p=4e−03
0.7
0.6
0.5
0.4
0.3
124.042515518712
190.637267157112
254.066096520071
321.15252686655
504.200205904559
tp53

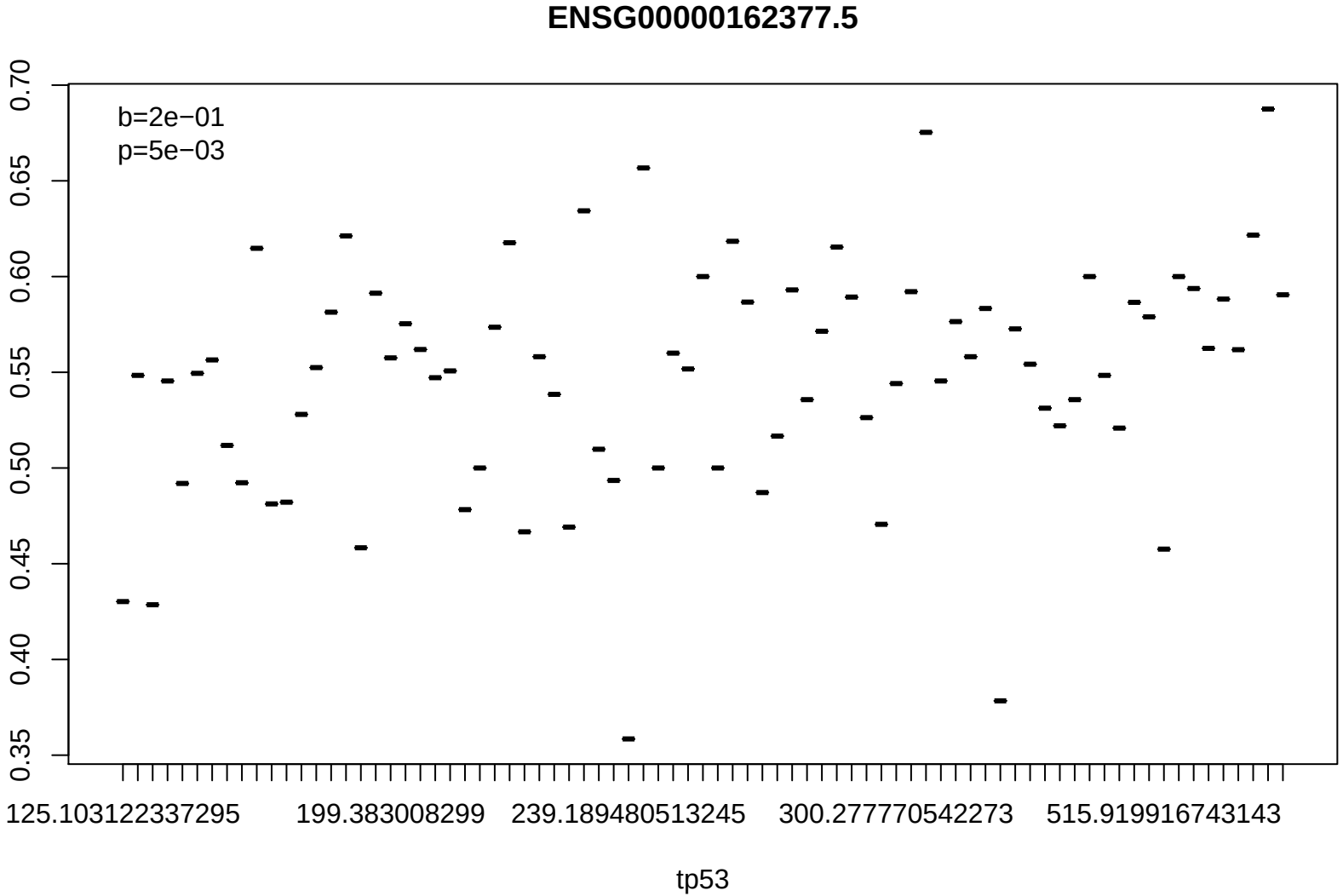

ENSG00000149679.11
b=−2e−01
p= 4e−03
0.2
0.3
0.4
0.5
0.6
124.042515518712
193.506564171179
234.073062172137
298.654397661731
538.088213003098
tp53

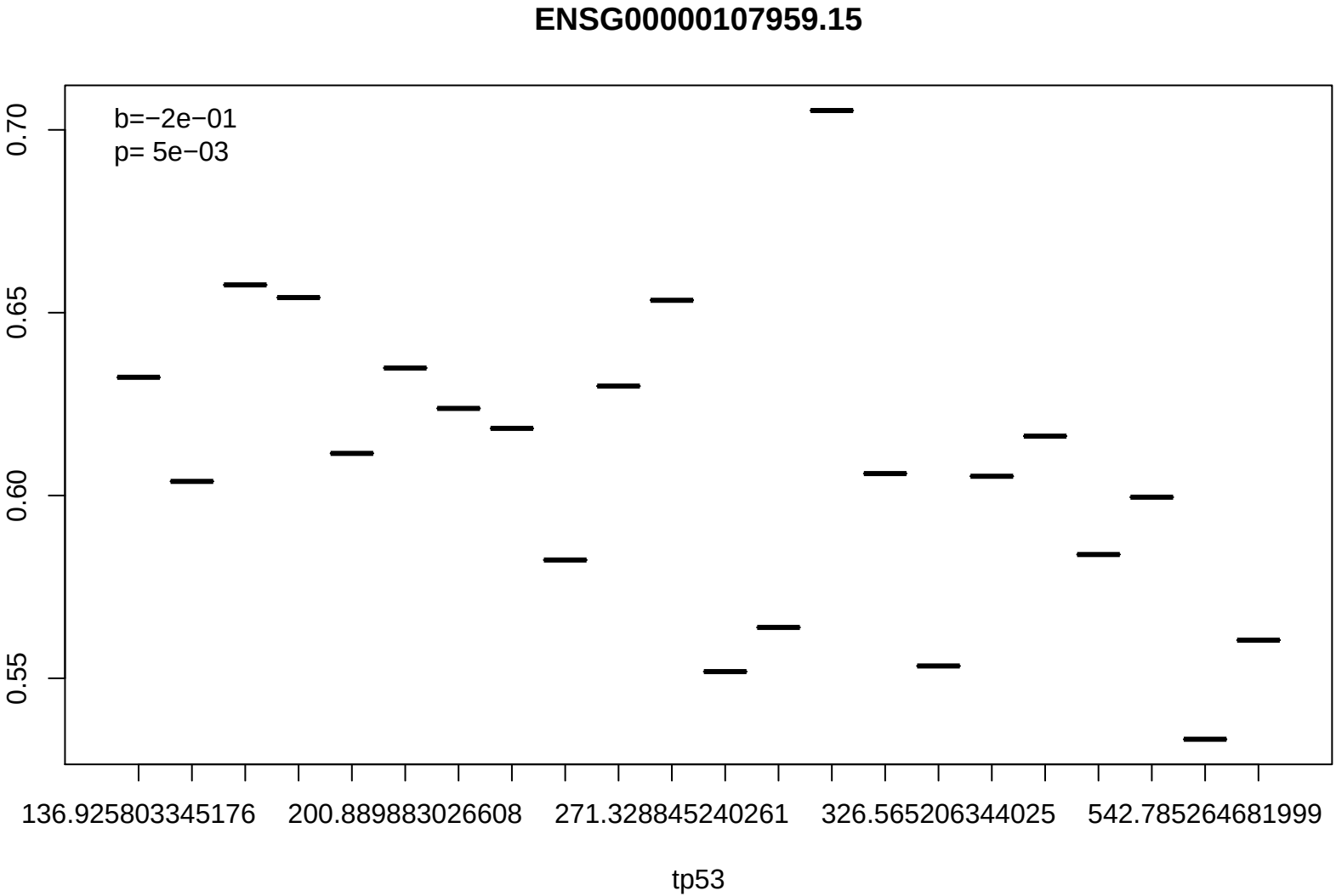

ENSG00000135069.13
b=−2e−01
p= 4e−03
0.55
0.50
0.45
0.40
0.35
148.668571461873
224.274776445514
265.038073666184
375.94157689404
564.847428654521
tp53

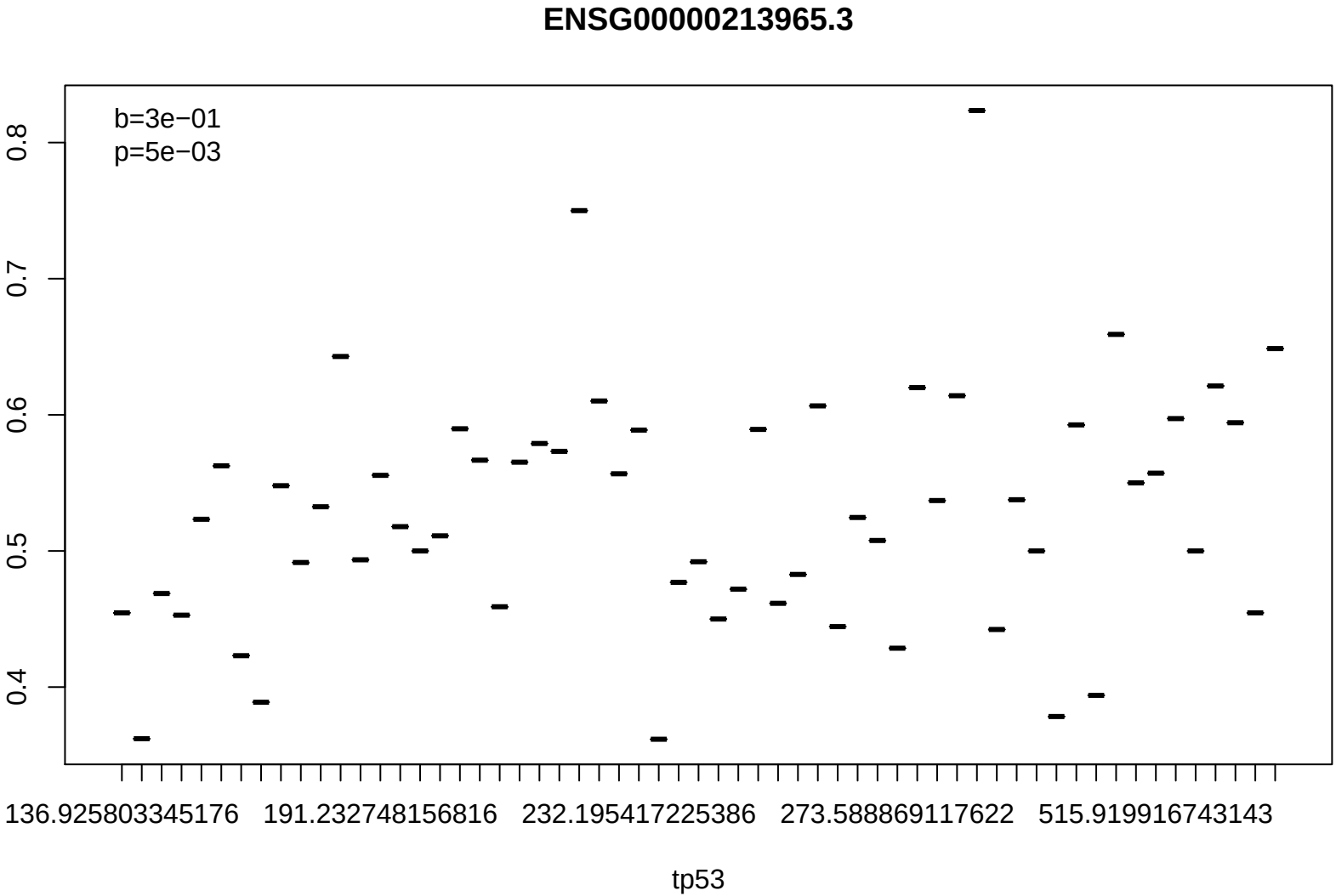

ENSG00000163754.17
b=−2e−01
p= 5e−03
0.60
0.55
0.50
0.45
0.40
0.35
124.042515518712
174.734876493182
224.274776445514
308.419149876252
577.871290798254
tp53

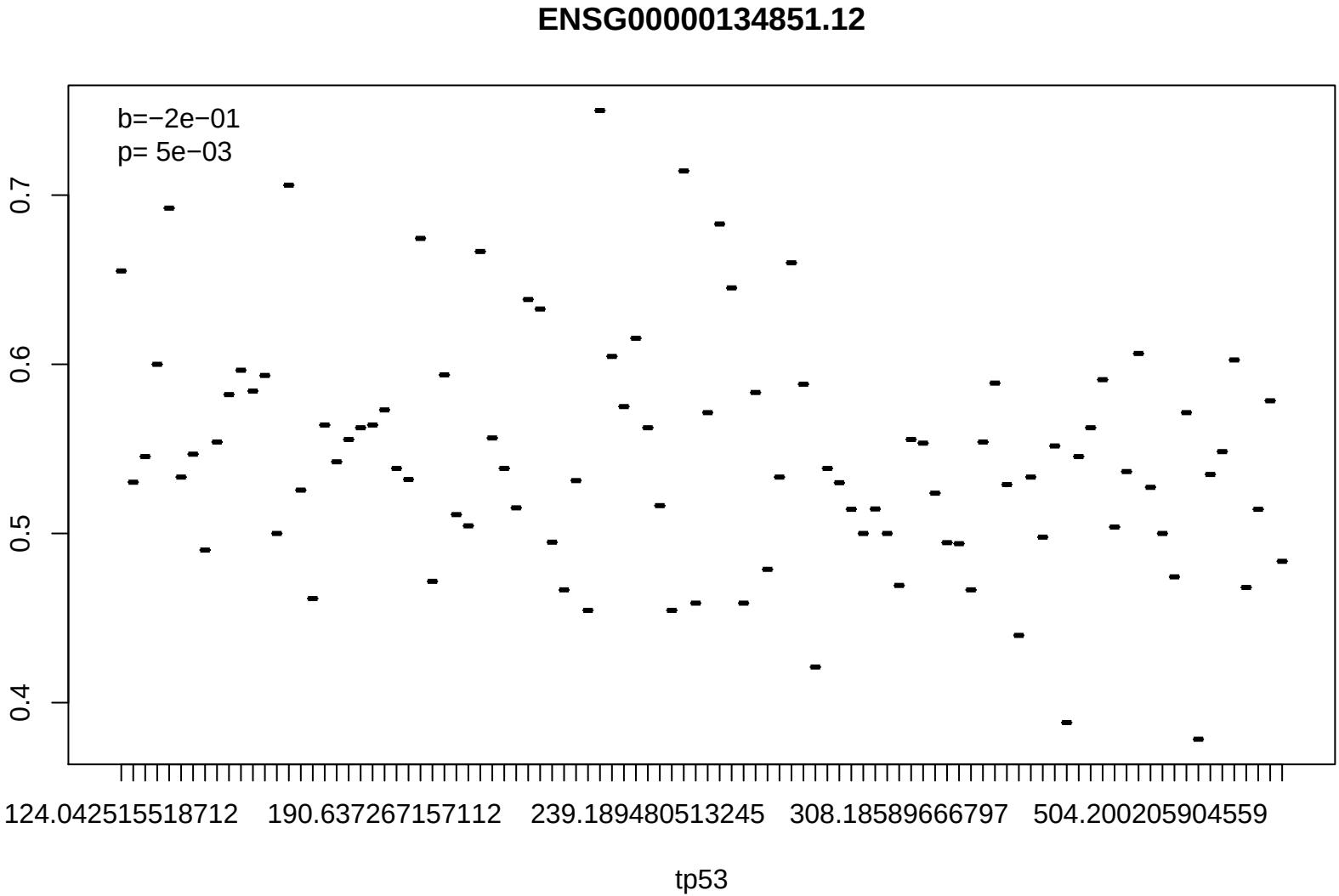

ENSG00000186230.6
b=8e−01
p=5e−03
0.1
0.2
0.3
0.4
0.5
124.042515518712
191.408430325562
252.632858928131
318.362124762574
515.919916743143
tp53

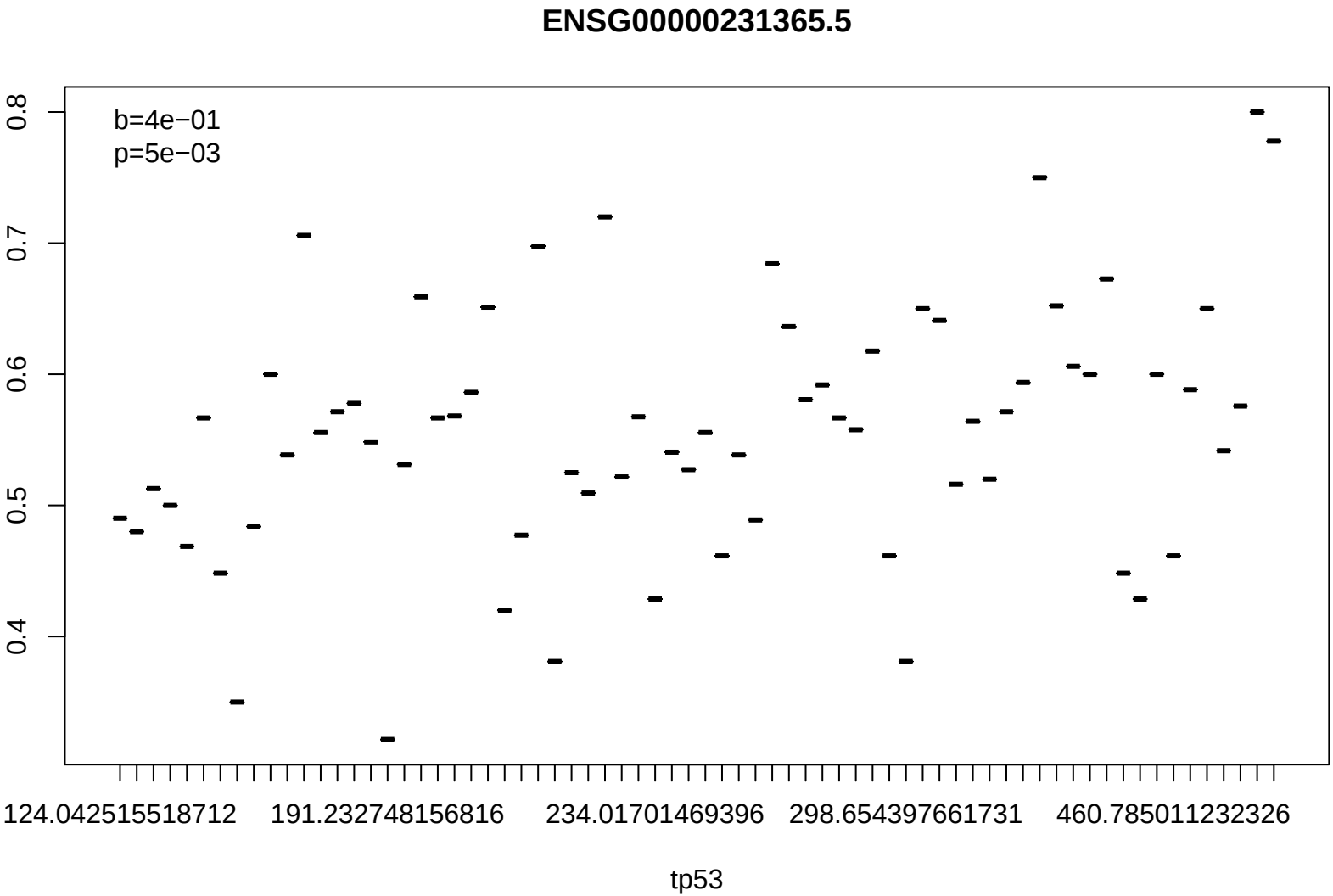

ENSG00000002549.12
b=2e−01
p=5e−03
0.4
0.5
0.6
0.7
125.103122337295
199.383008299
229.960636539773
302.585251066925
538.088213003098
tp53

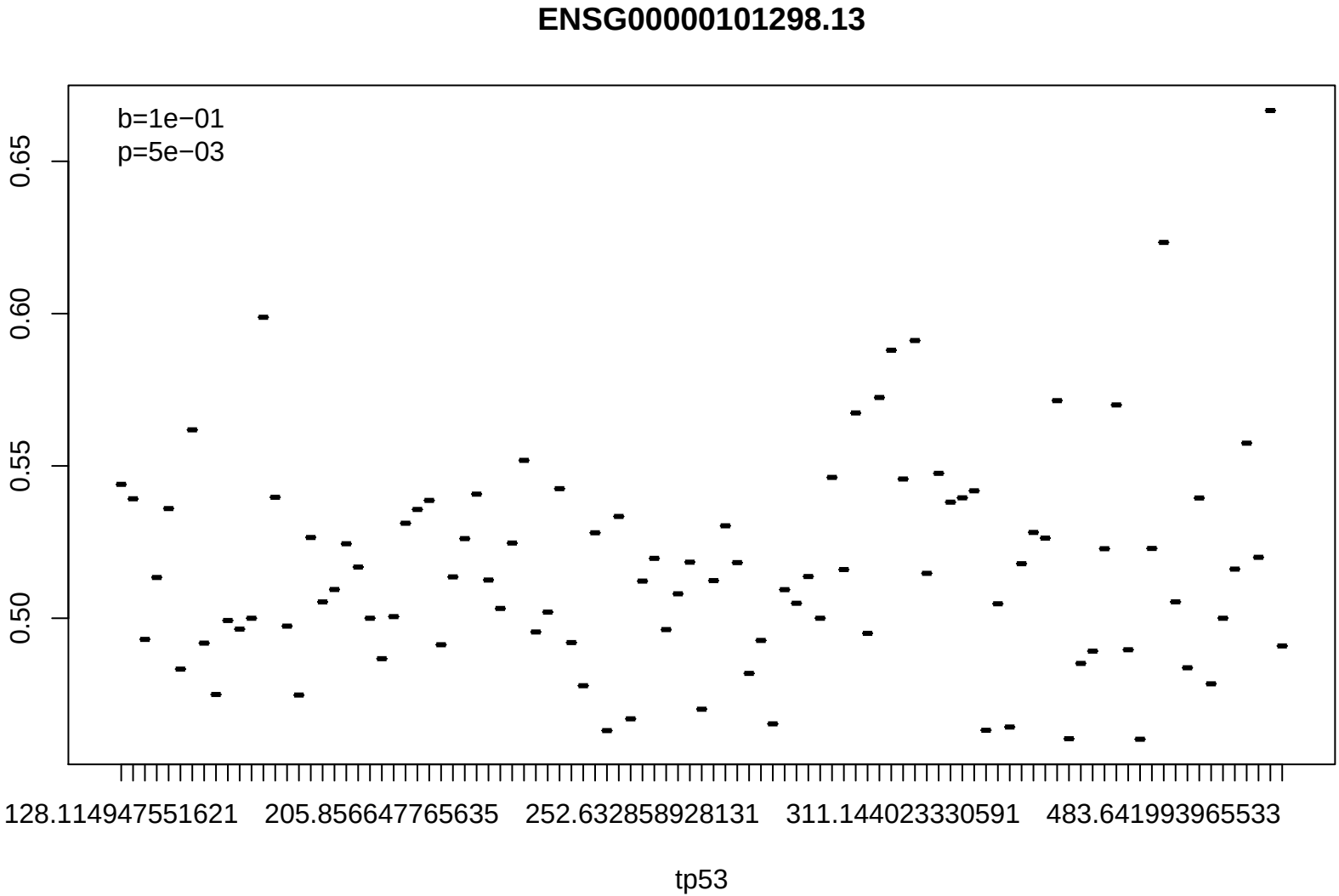

ENSG00000162377.5
b=2e−01
p=5e−03
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
125.103122337295
199.383008299
239.189480513245
300.277770542273
515.919916743143
tp53

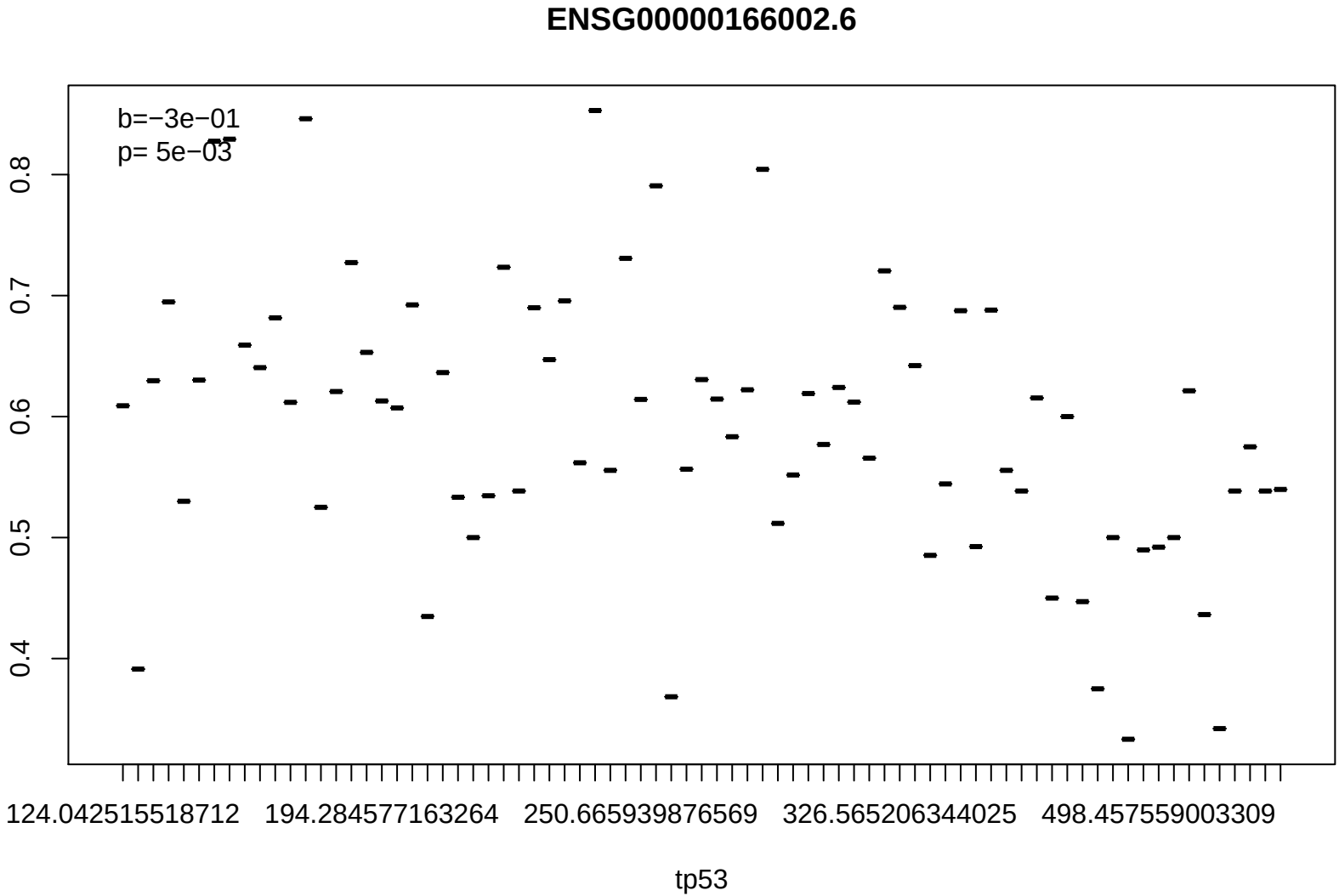

ENSG00000107959.15
b=−2e−01
p= 5e−03
0.70
0.65
0.60
0.55
136.925803345176
200.889883026608
271.328845240261
326.565206344025
542.785264681999
tp53

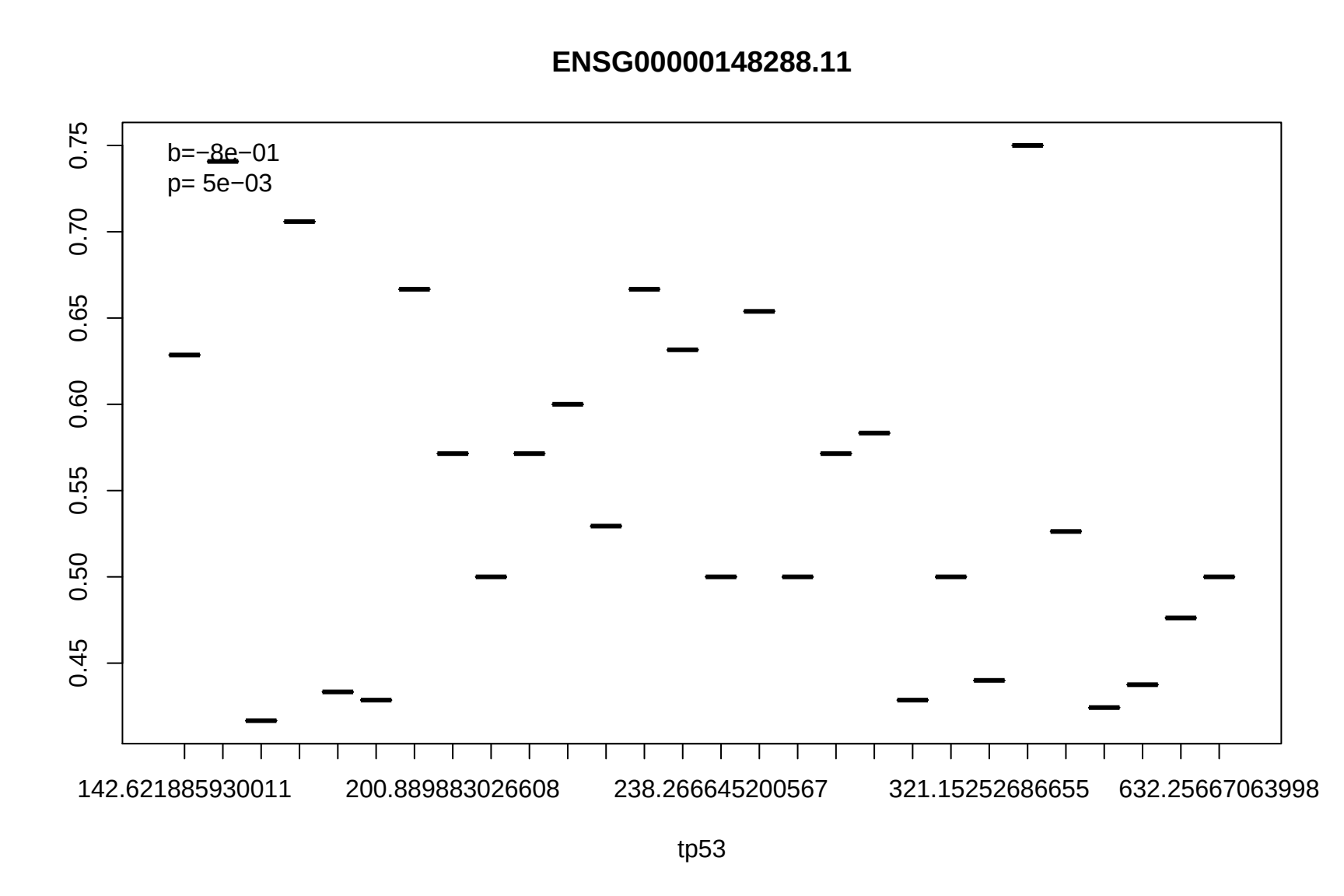

ENSG00000213965.3
b=3e−01
p=5e−03
0.8
0.7
0.6
0.5
0.4
136.925803345176
191.232748156816
232.195417225386
273.588869117622
515.919916743143
tp53

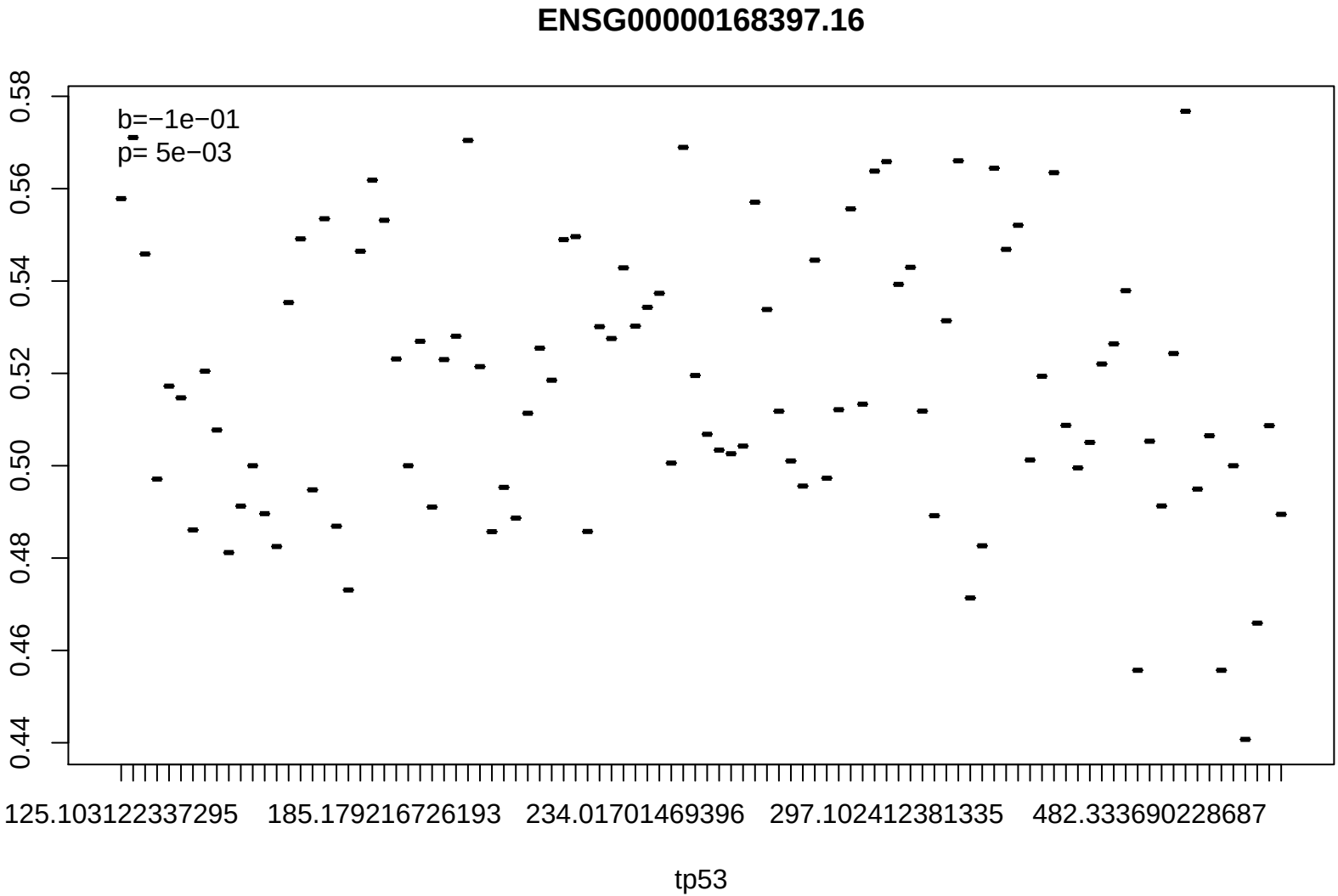

ENSG00000134851.12
b=−2e−01
p= 5e−03
0.7
0.6
0.5
0.4
124.042515518712
190.637267157112
239.189480513245
308.18589666797
504.200205904559
tp53

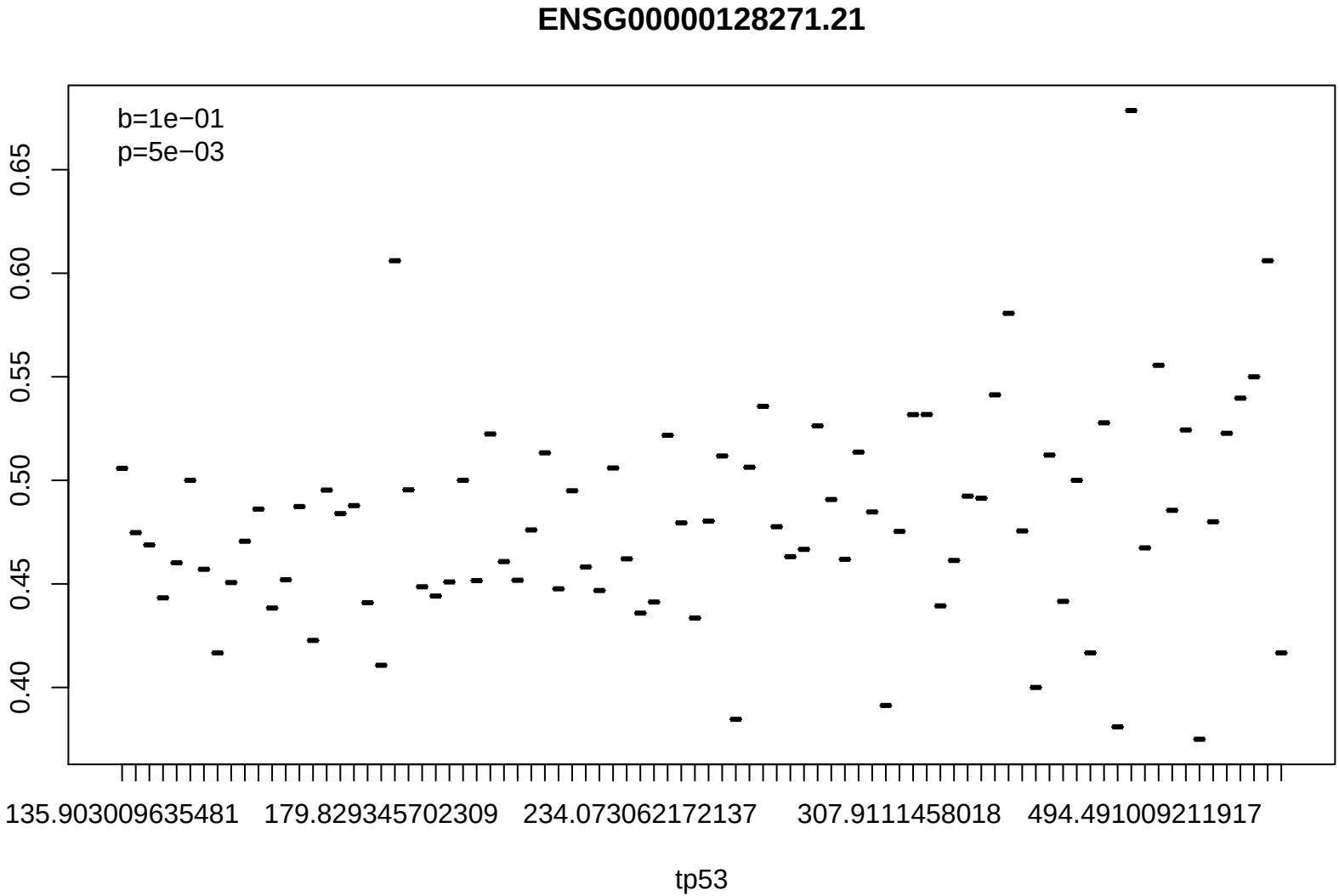

ENSG00000231365.5
b=4e−01
p=5e−03
0.8
0.7
0.6
0.5
0.4
124.042515518712
191.232748156816
234.01701469396
298.654397661731
460.785011232326
tp53

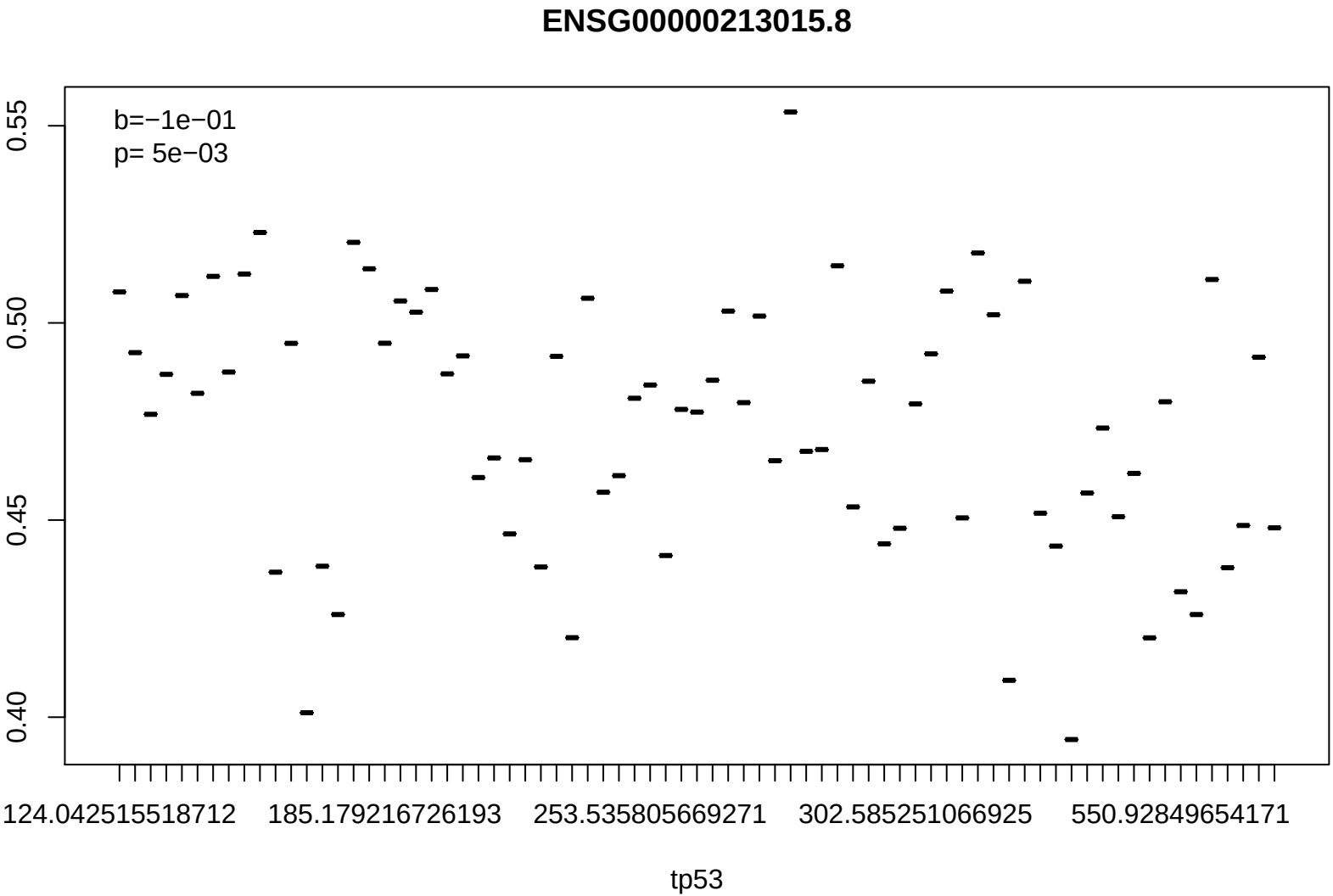

ENSG00000101298.13
b=1e−01
p=5e−03
0.65
0.60
0.55
0.50
128.114947551621
205.856647765635
252.632858928131
311.144023330591
483.641993965533
tp53

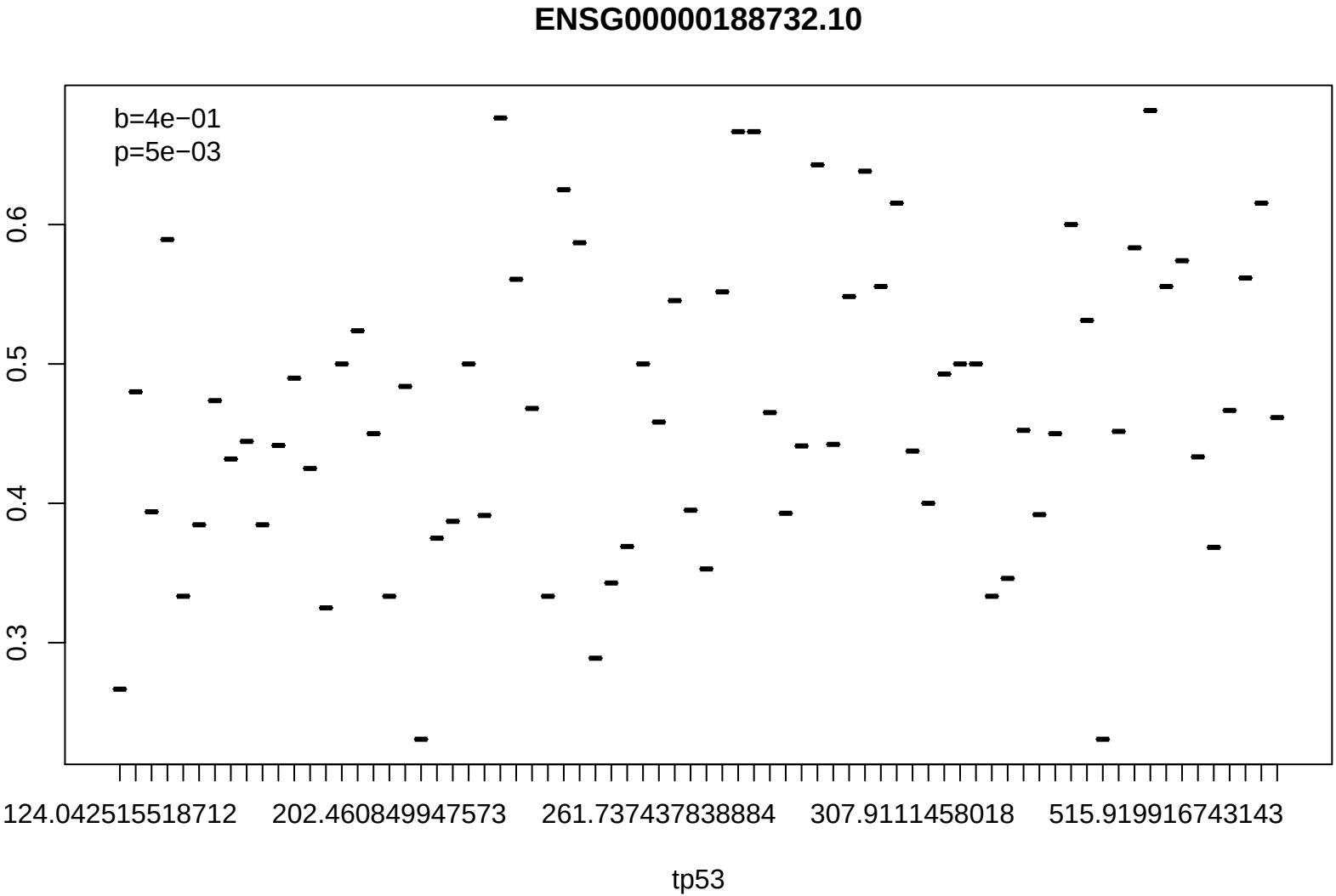

ENSG00000166002.6
b=−3e−01
p= 5e−03
0.4
0.5
0.6
0.7
0.8
124.042515518712
194.284577163264
250.665939876569
326.565206344025
498.457559003309
tp53

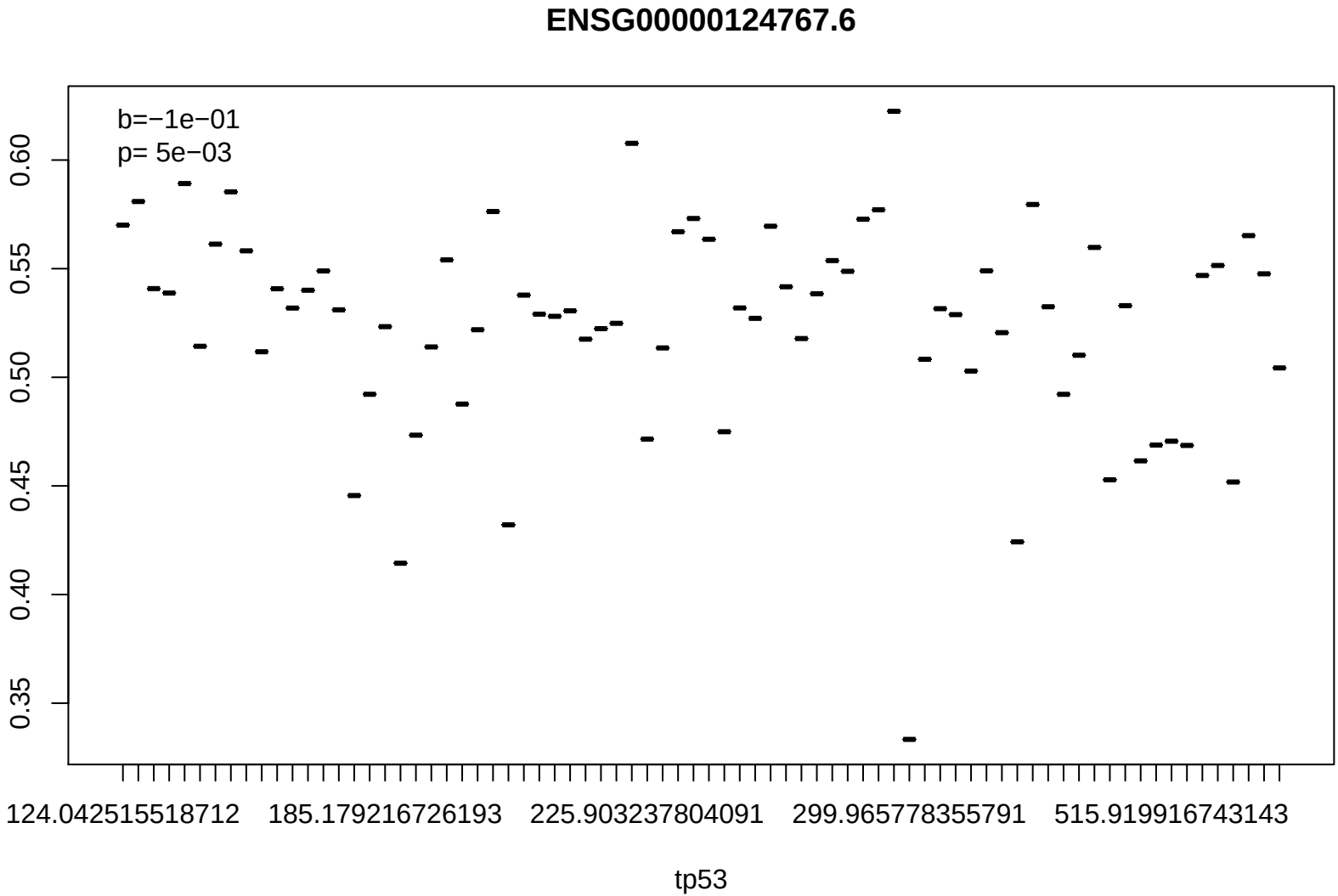

ENSG00000148288.11
b=−8e−01
p= 5e−03
0.45
0.50
0.55
0.60
0.65
0.70
0.75
142.621885930011
200.889883026608
238.266645200567
321.15252686655
632.25667063998
tp53

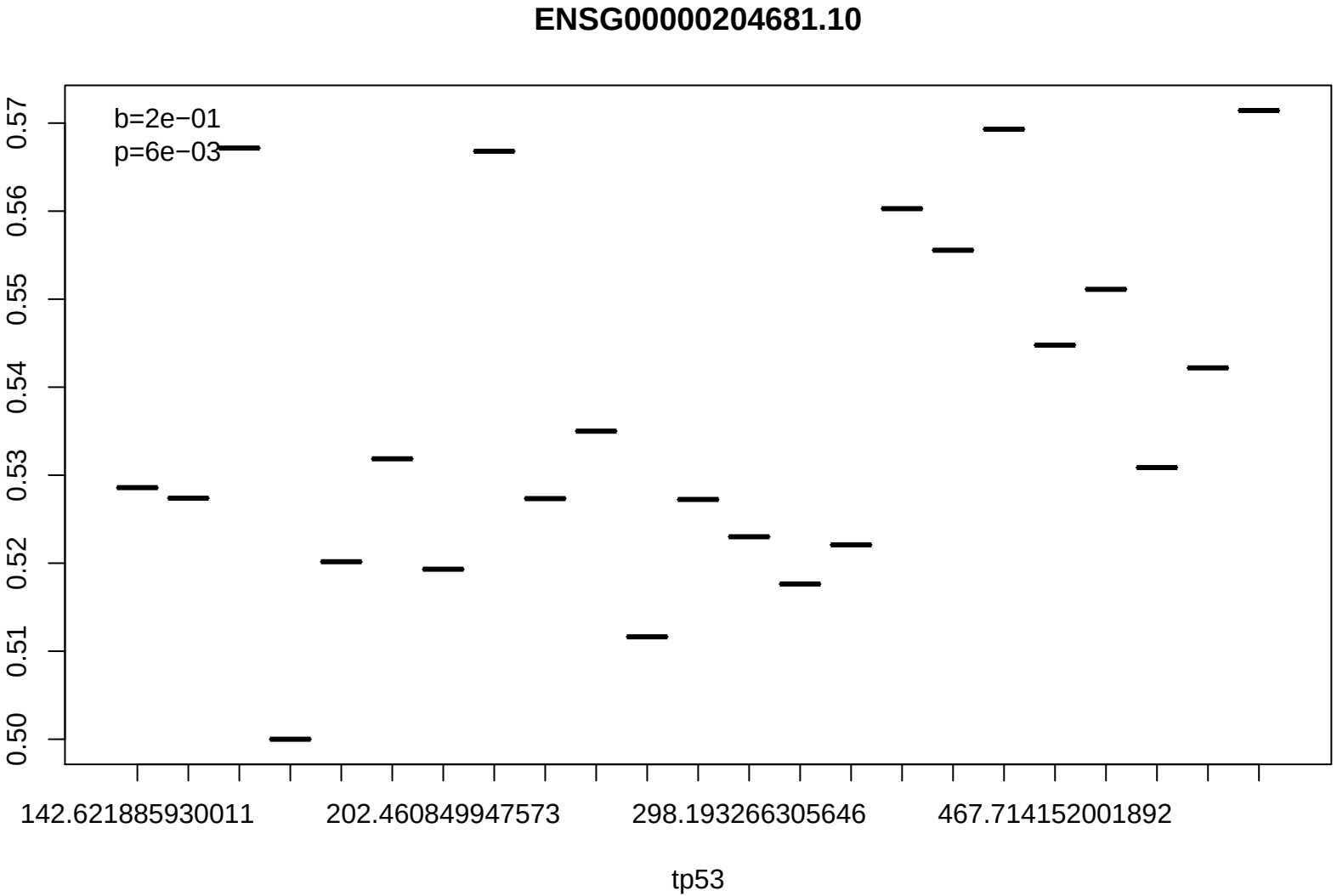

ENSG00000168397.16
b=−1e−01
p= 5e−03
0.58
0.56
0.54
0.52
0.50
0.48
0.46
0.44
125.103122337295
185.179216726193
234.01701469396
297.102412381335
482.333690228687
tp53

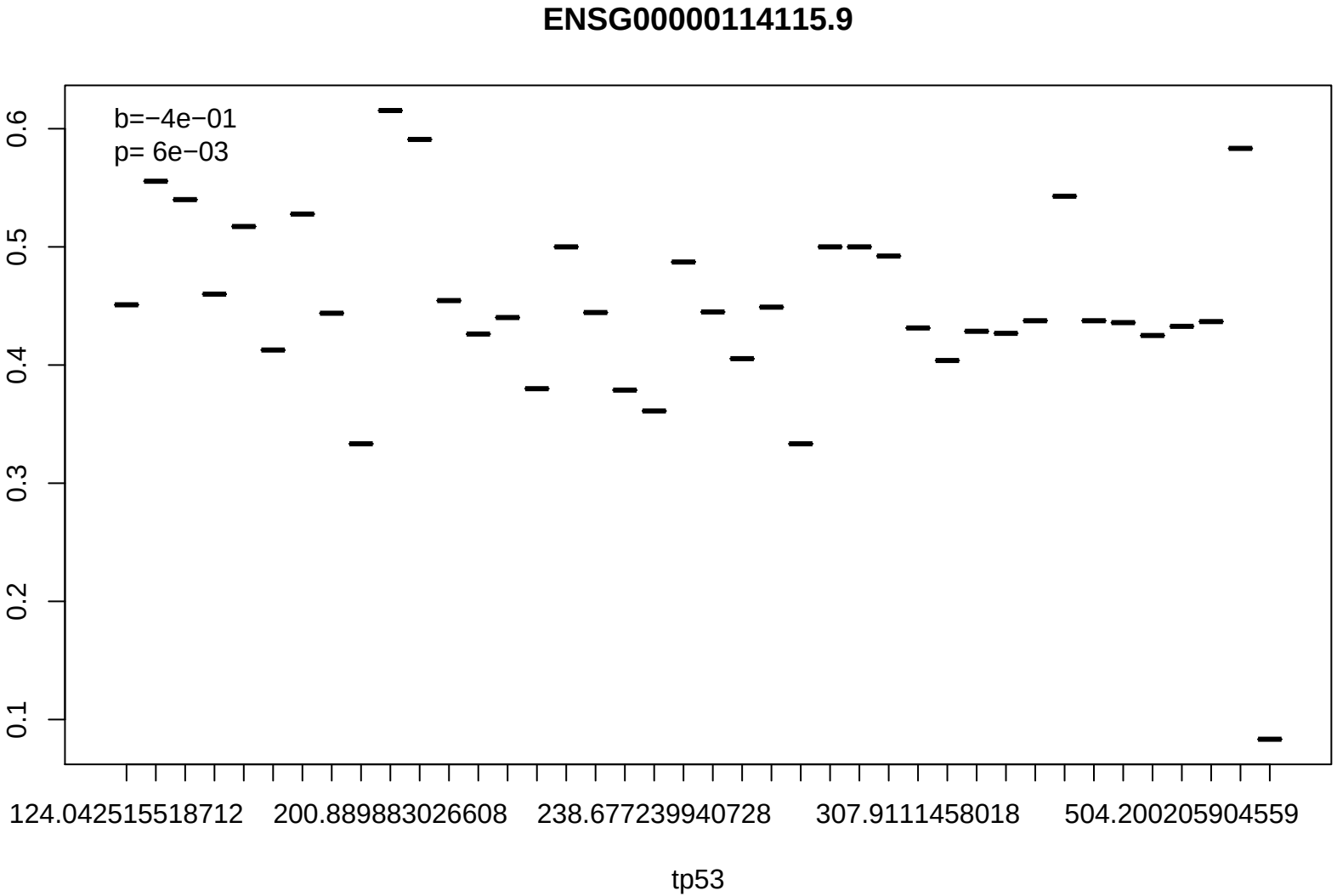

ENSG00000128271.21
b=1e−01
p=5e−03
0.40
0.45
0.50
0.55
0.60
0.65
135.903009635481
179.829345702309
234.073062172137
307.9111458018
494.491009211917
tp53

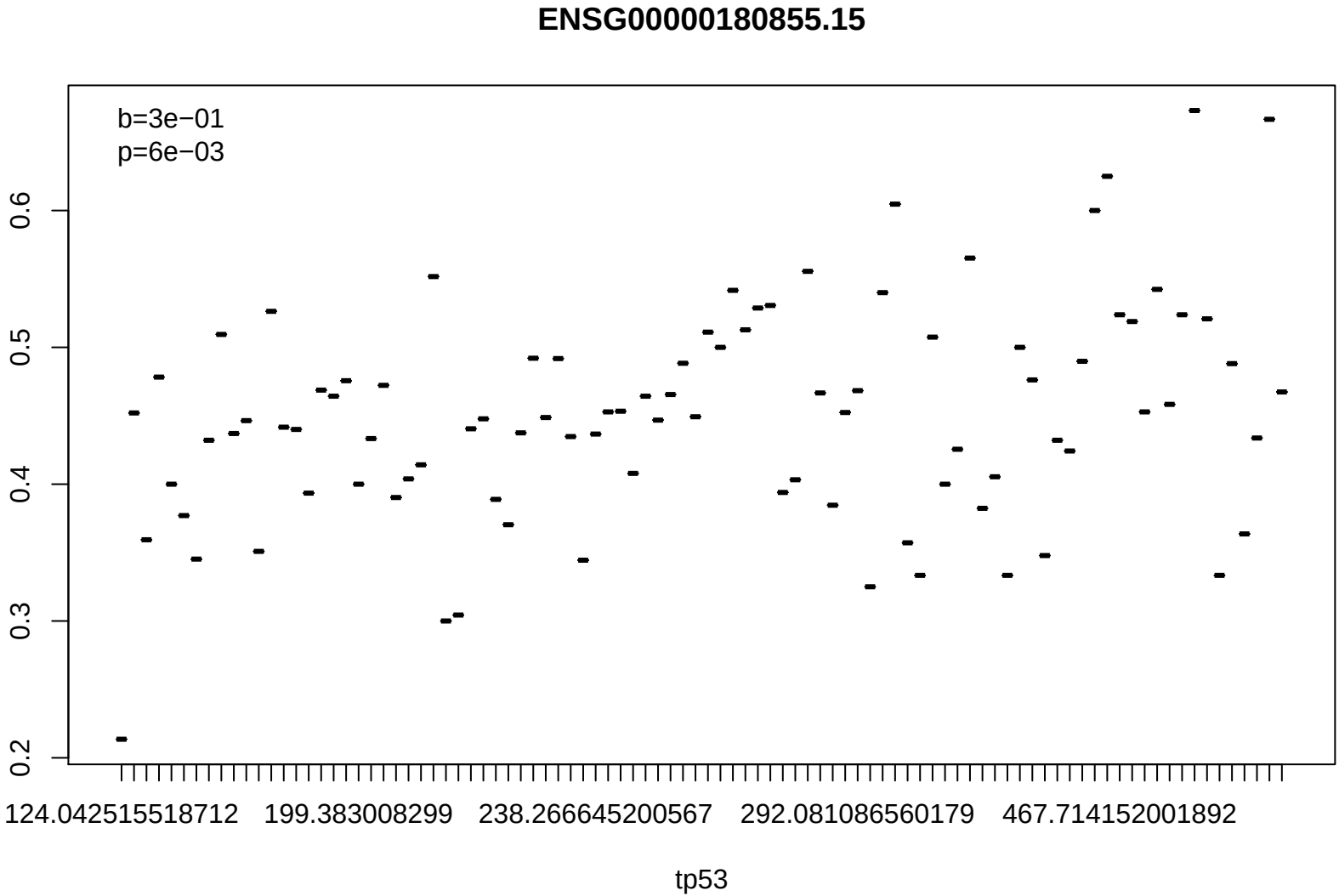

ENSG00000213015.8
b=−1e−01
p= 5e−03
0.55
0.50
0.45
0.40
124.042515518712
185.179216726193
253.535805669271
302.585251066925
550.92849654171
tp53

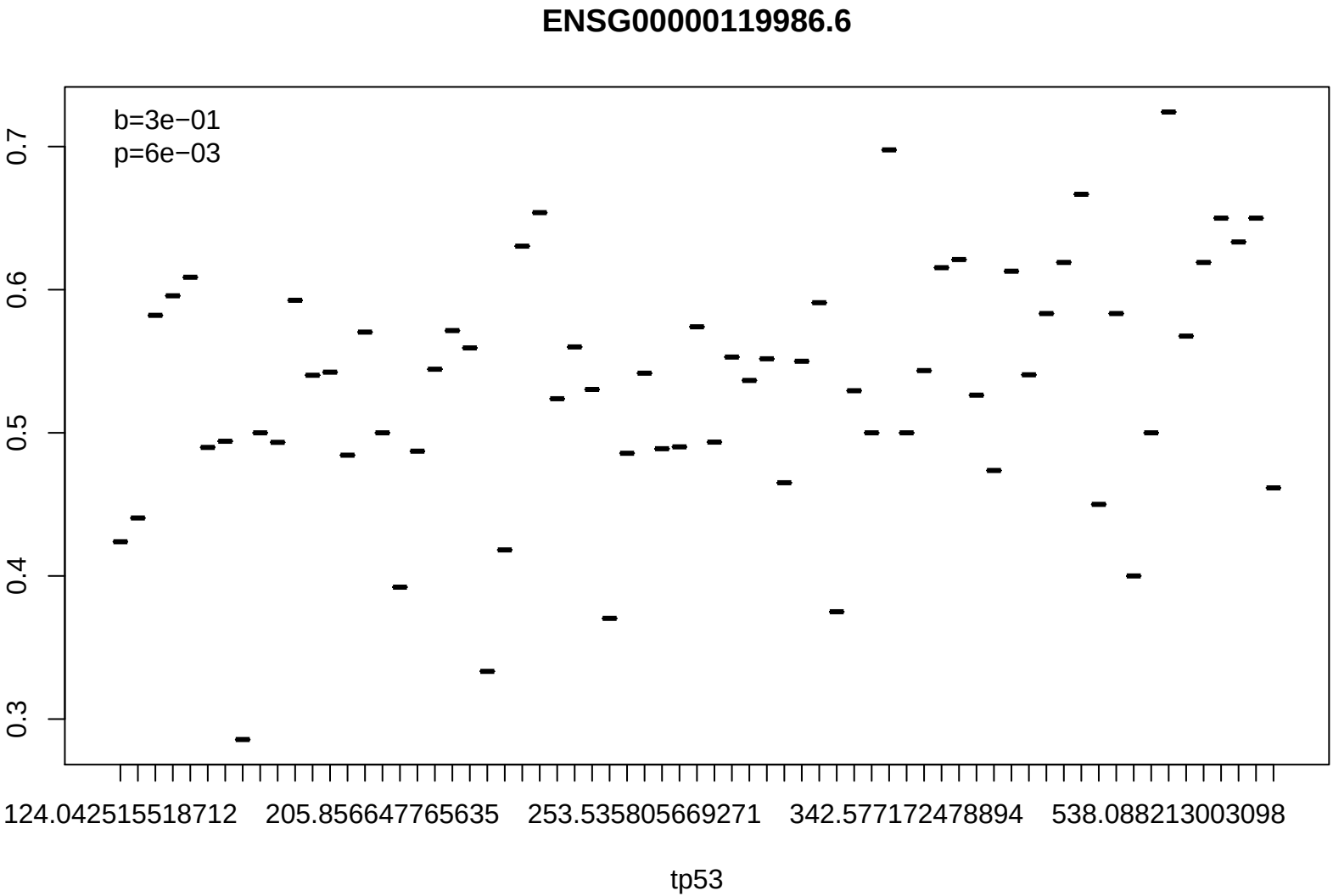

ENSG00000188732.10
b=4e−01
p=5e−03
0.3
0.4
0.5
0.6
124.042515518712
202.460849947573
261.737437838884
307.9111458018
515.919916743143
tp53


ENSG00000124767.6
b=−1e−01
p= 5e−03
0.60
0.55
0.50
0.45
0.40
0.35
124.042515518712
185.179216726193
225.903237804091
299.965778355791
515.919916743143
tp53


ENSG00000204681.10
b=2e−01
p=6e−03
0.50
0.51
0.52
0.53
0.54
0.55
0.56
0.57
142.621885930011
202.460849947573
298.193266305646
467.714152001892
tp53


ENSG00000114115.9
b=−4e−01
p= 6e−03
0.6
0.5
0.4
0.3
0.2
0.1
124.042515518712
200.889883026608
238.677239940728
307.9111458018
504.200205904559
tp53


ENSG00000180855.15
b=3e−01
p=6e−03
0.2
0.3
0.4
0.5
0.6
124.042515518712
199.383008299
238.266645200567
292.081086560179
467.714152001892
tp53


ENSG00000119986.6
b=3e−01
p=6e−03
0.3
0.4
0.5
0.6
0.7
124.042515518712
205.856647765635
253.535805669271
342.577172478894
538.088213003098
tp53