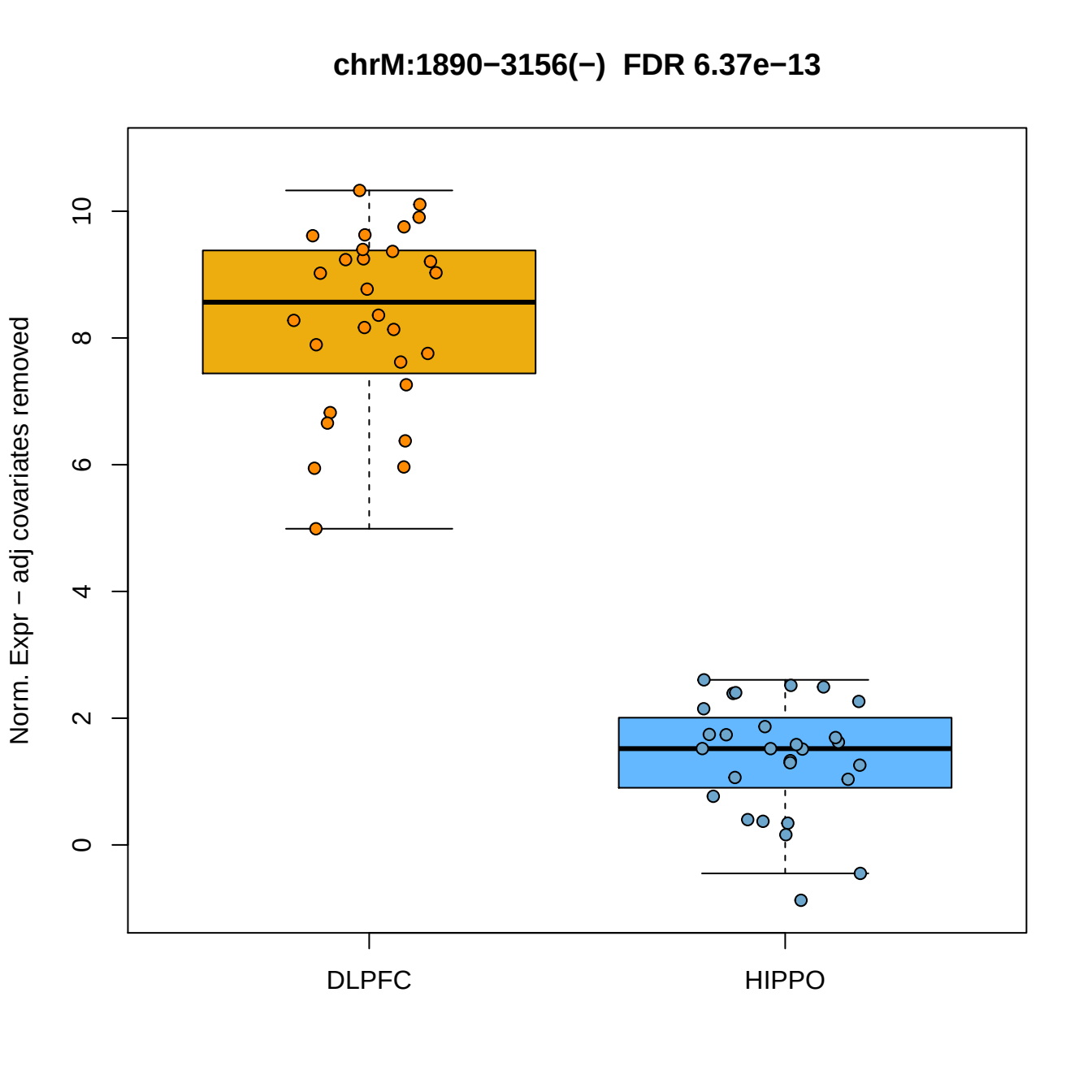
chrM:1890−3156(−)  FDR 6.37e−13
Norm. Expr − adj covariates removed
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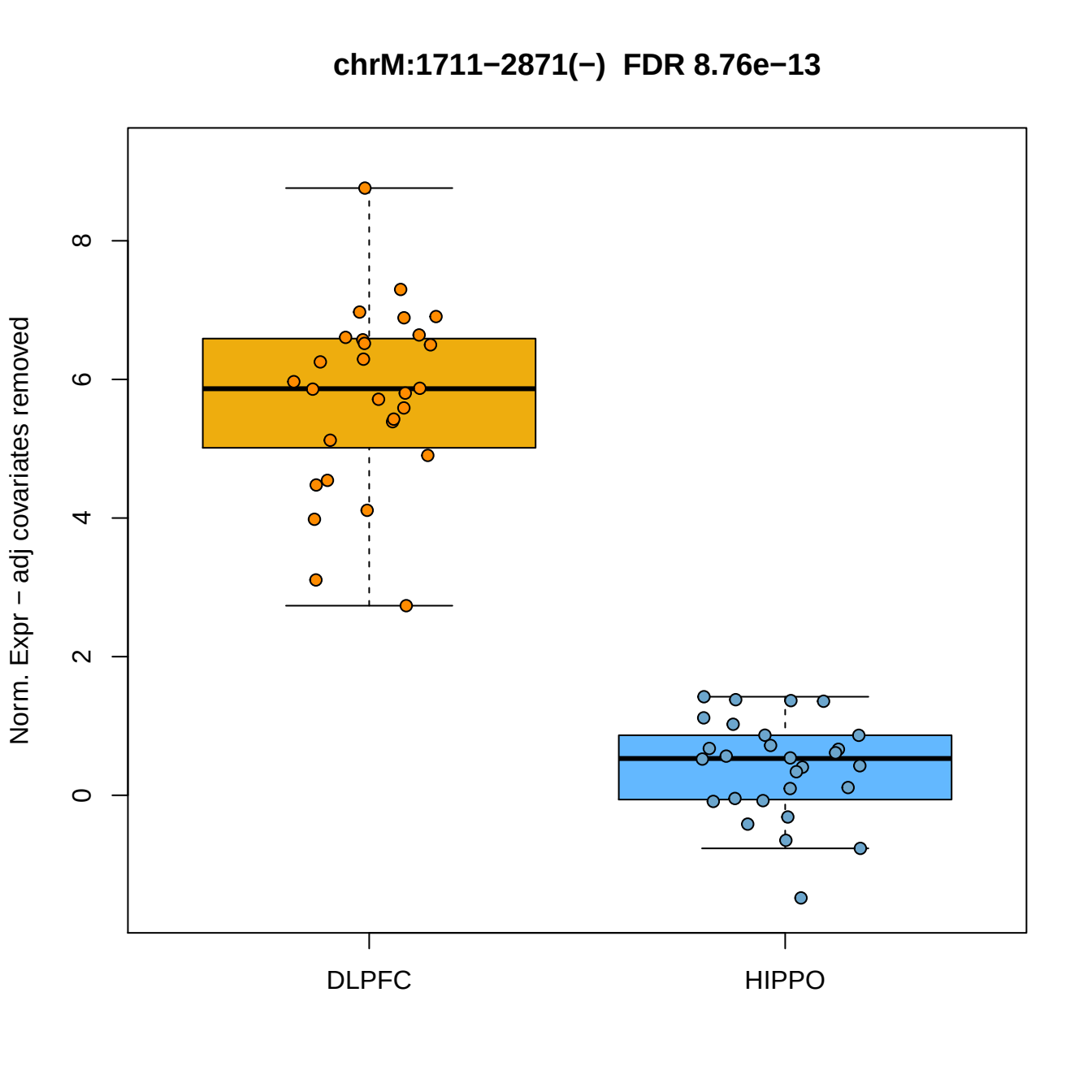
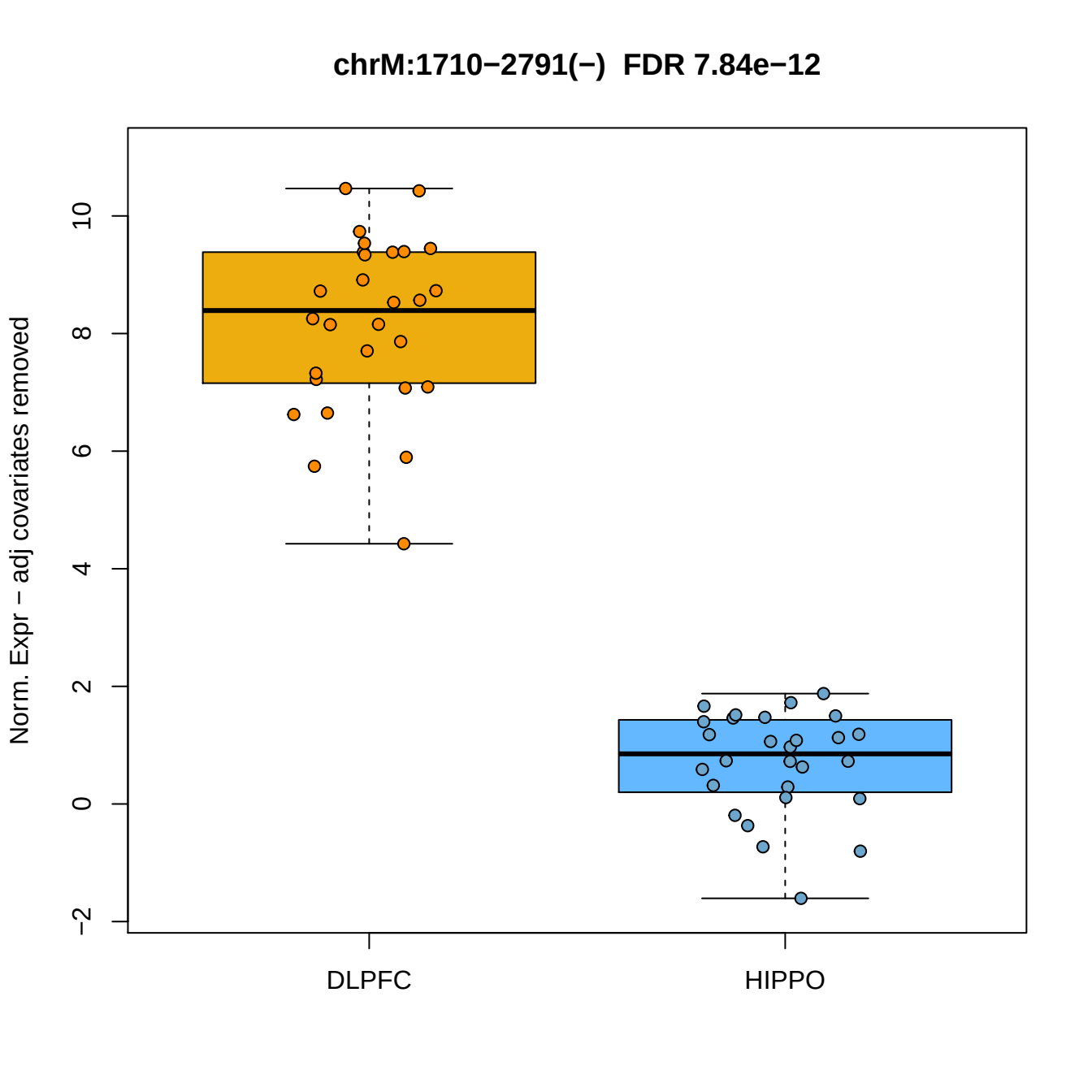
2
4
6
8
10
DLPFC
HIPPO


chrM:1711−2871(−)  FDR 8.76e−13
Norm. Expr − adj covariates removed
0
2
4
6
8
DLPFC
HIPPO


chrM:1710−2791(−)  FDR 7.84e−12
Norm. Expr − adj covariates removed
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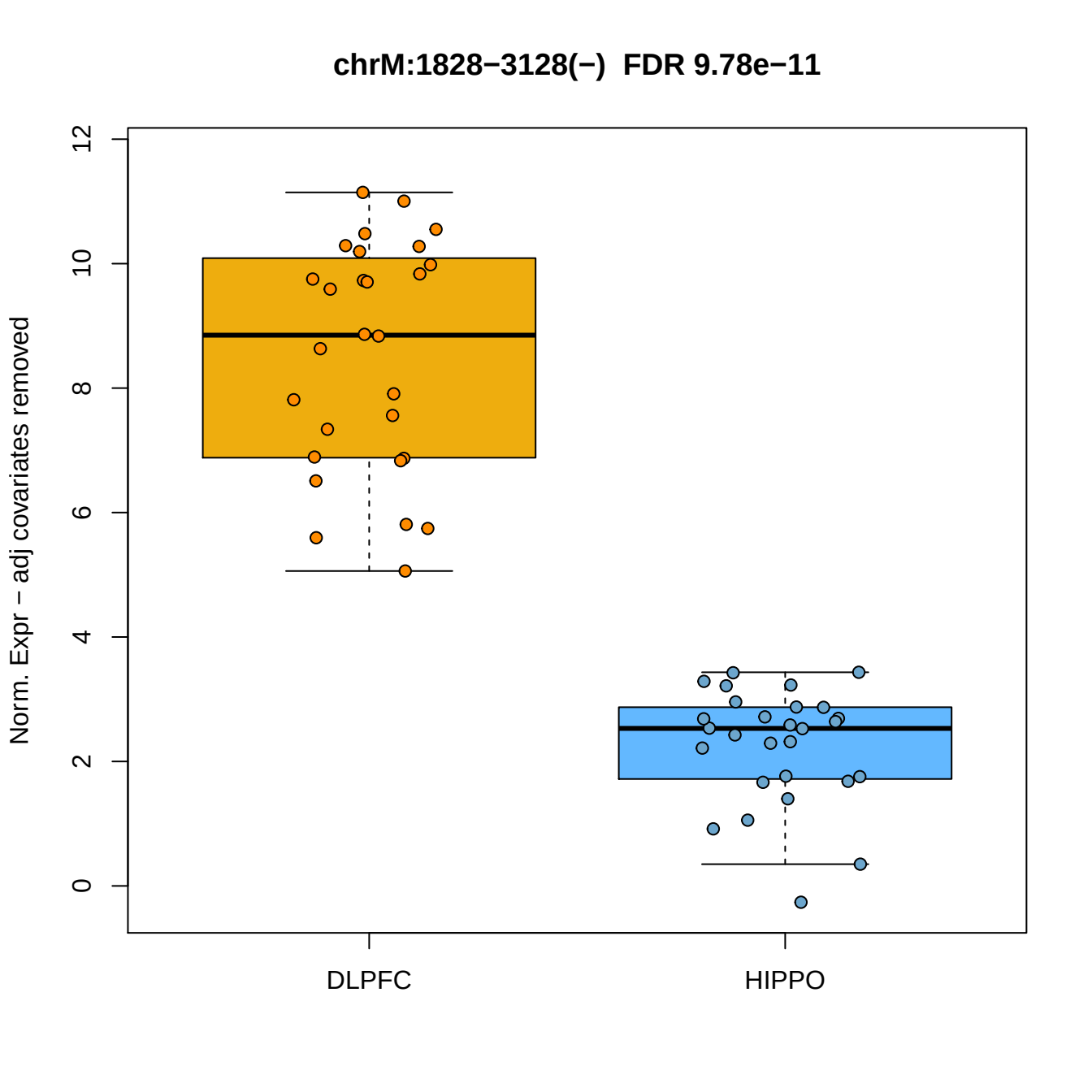
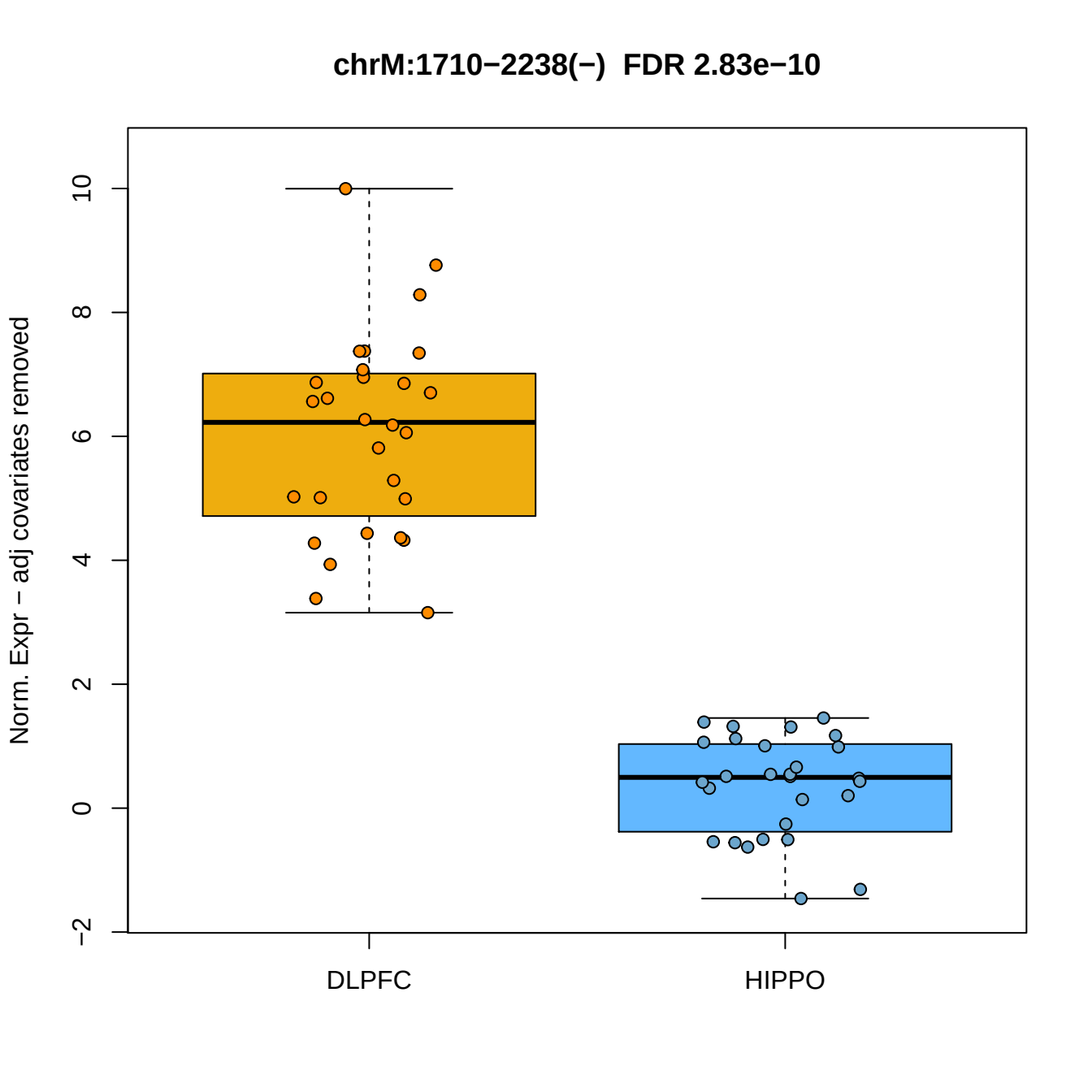
8
6
4
2
0
−2
DLPFC
HIPPO


chrM:1828−3128(−)  FDR 9.78e−11
Norm. Expr − adj covariates removed
0
2
4
6
8
10
12
DLPFC
HIPPO


chrM:1710−2238(−)  FDR 2.83e−10
Norm. Expr − adj covariates removed
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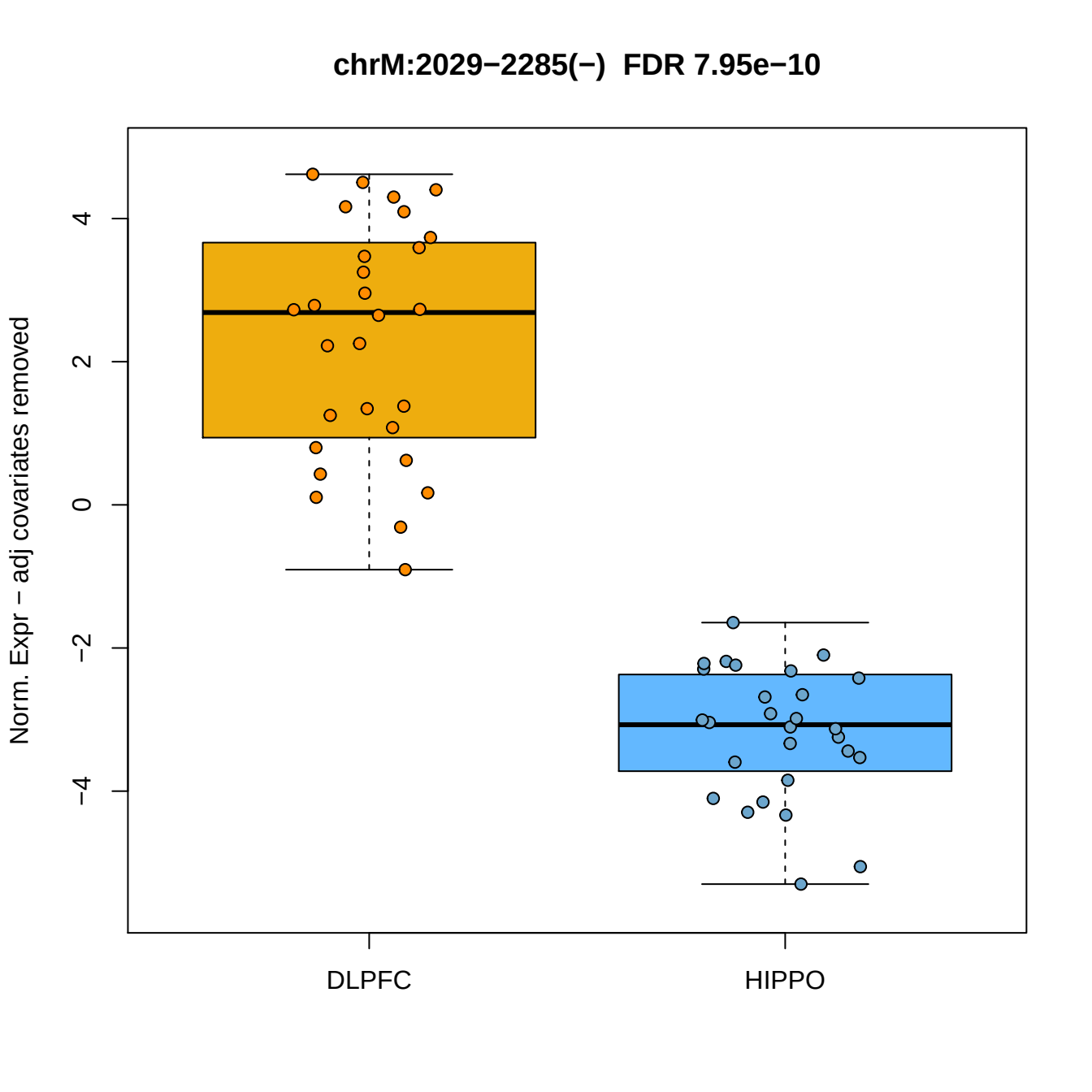
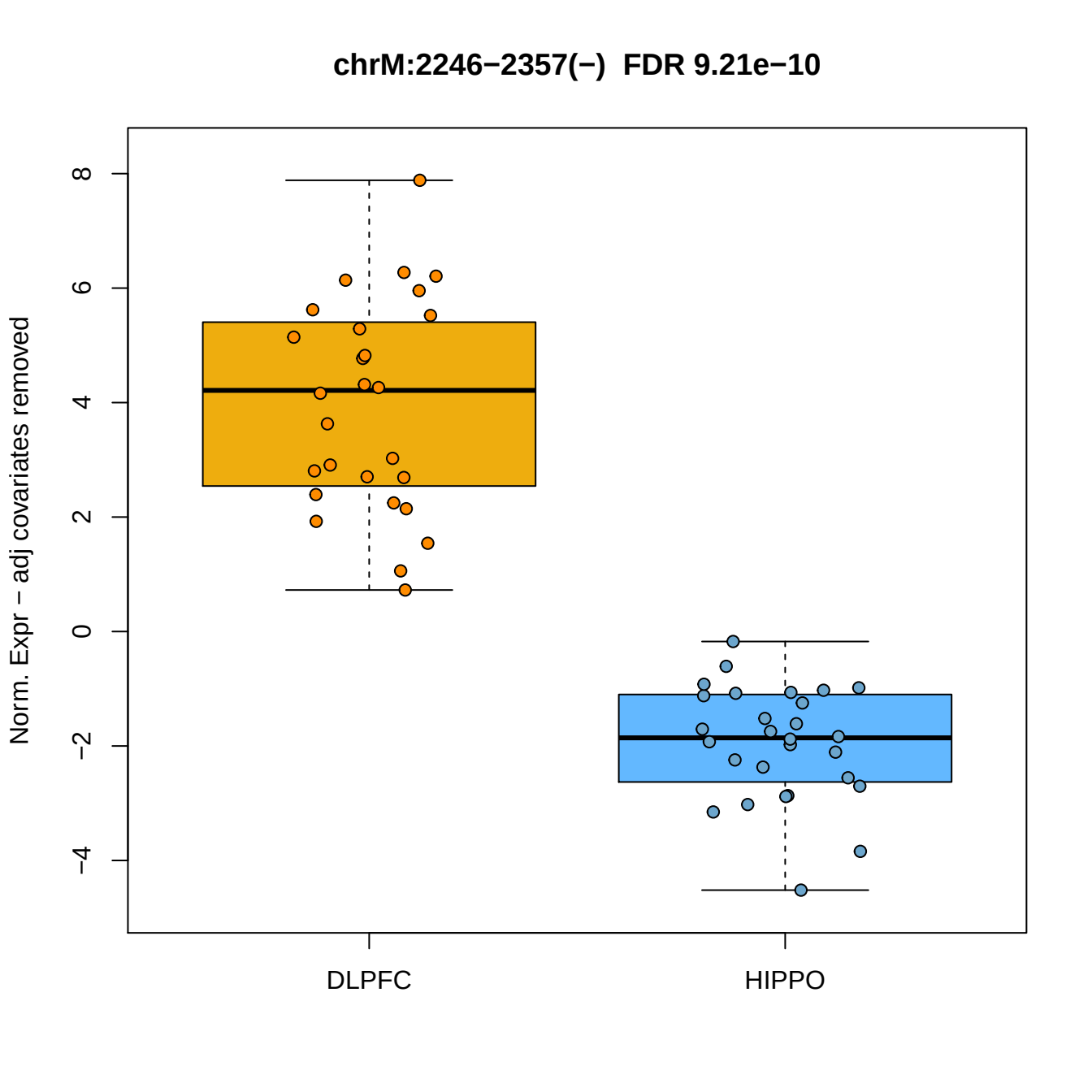
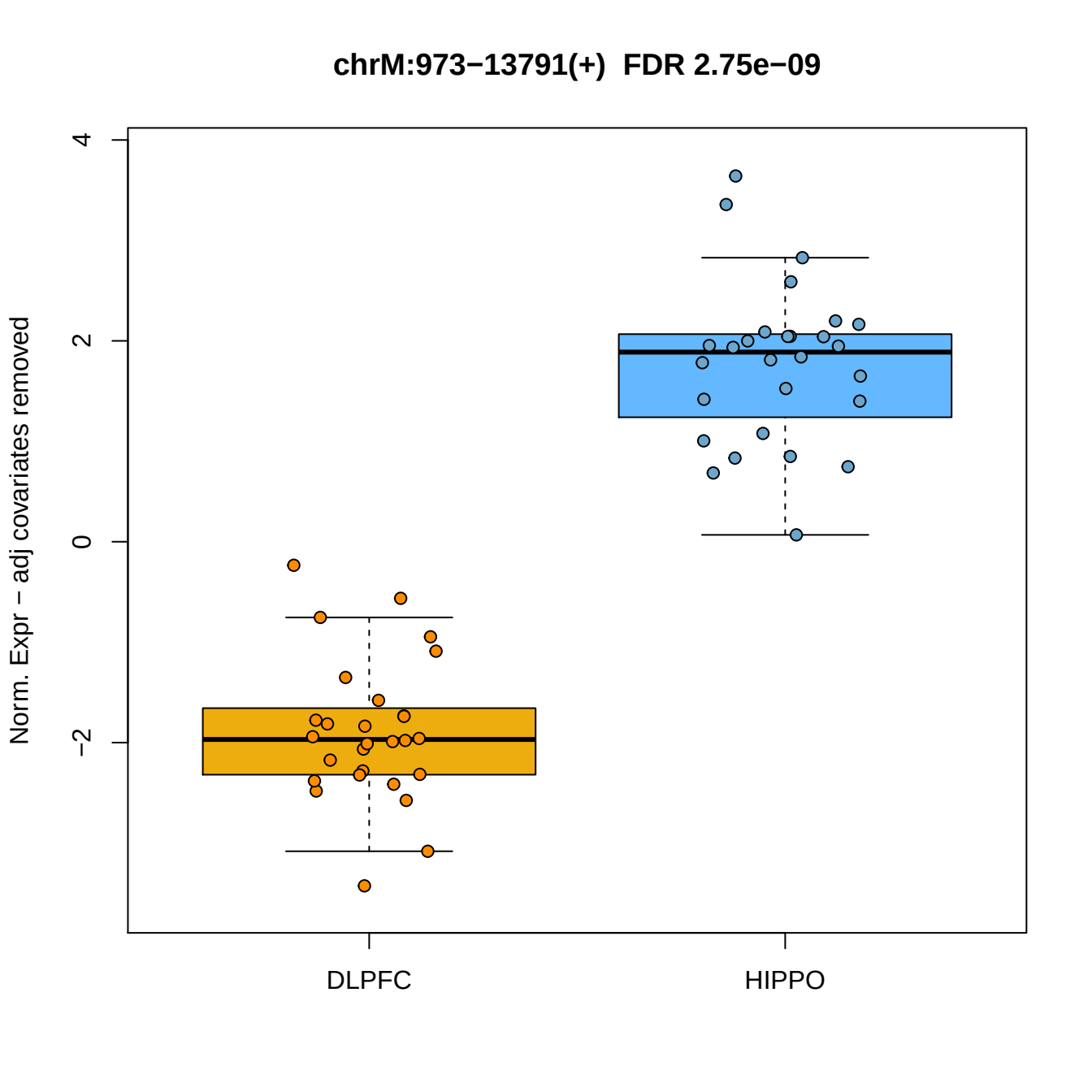
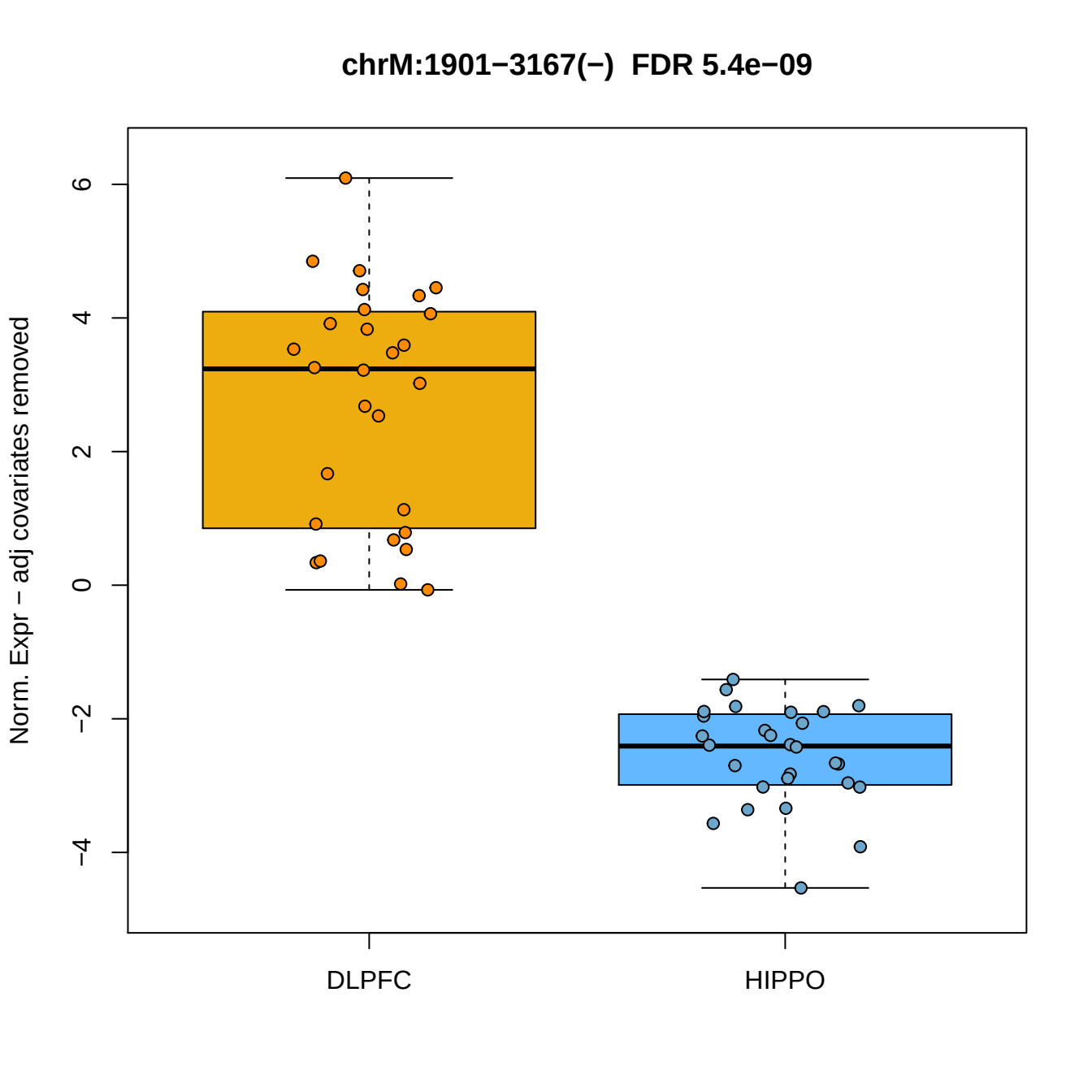
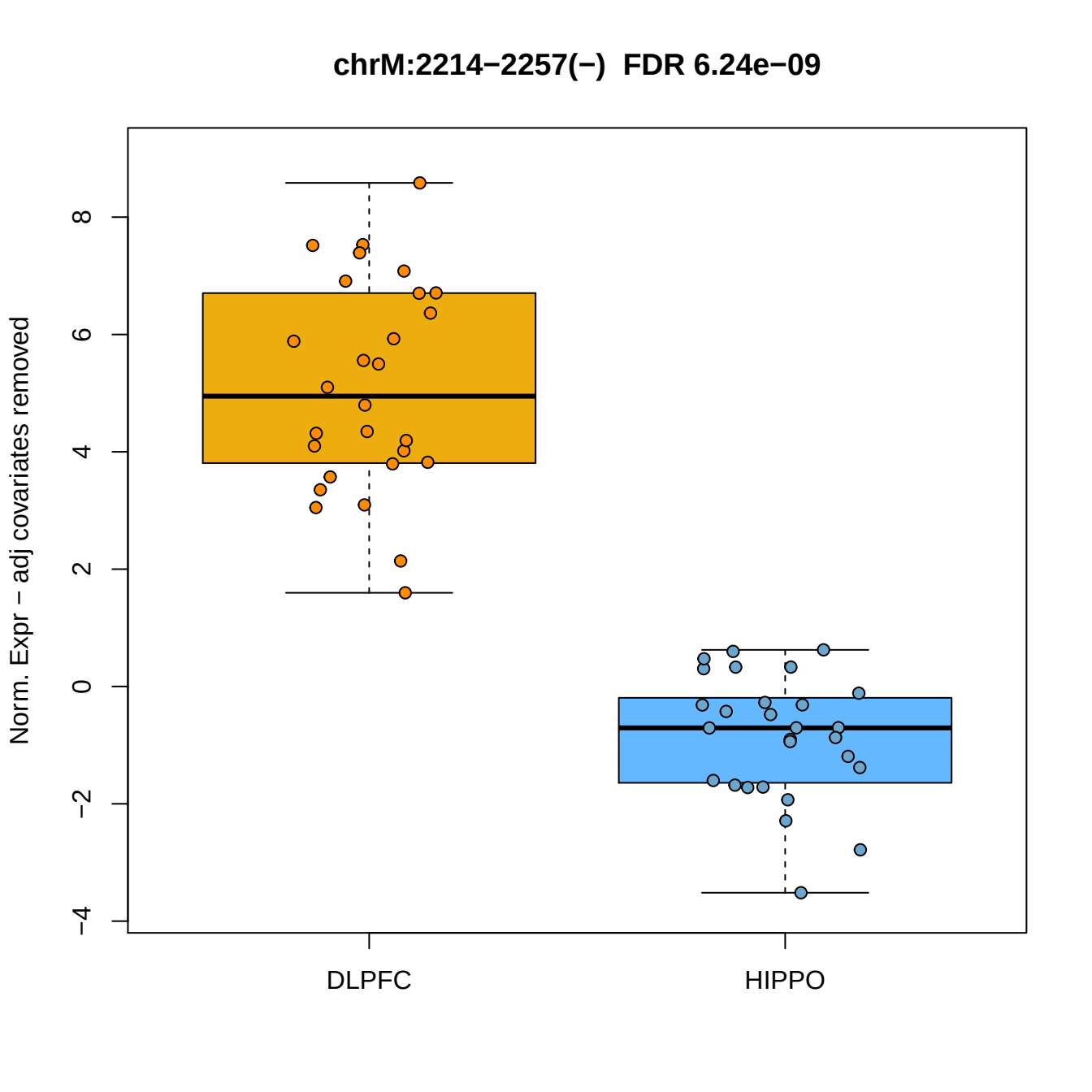
8
6
4
2
0
−2
DLPFC
HIPPO

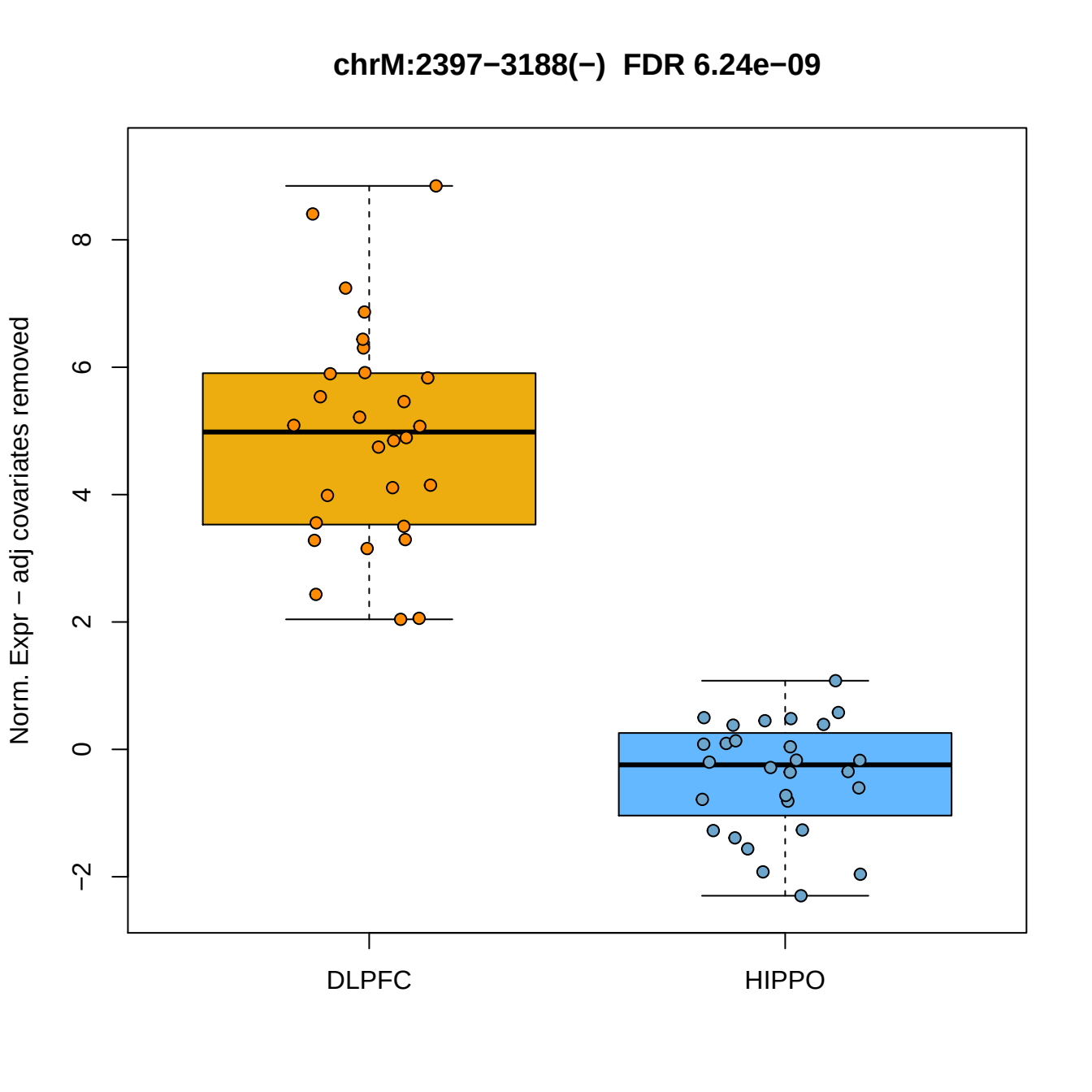

chrM:2029−2285(−)  FDR 7.95e−10
Norm. Expr − adj covariates removed
4
2
0
−2
−4
DLPFC
HIPPO

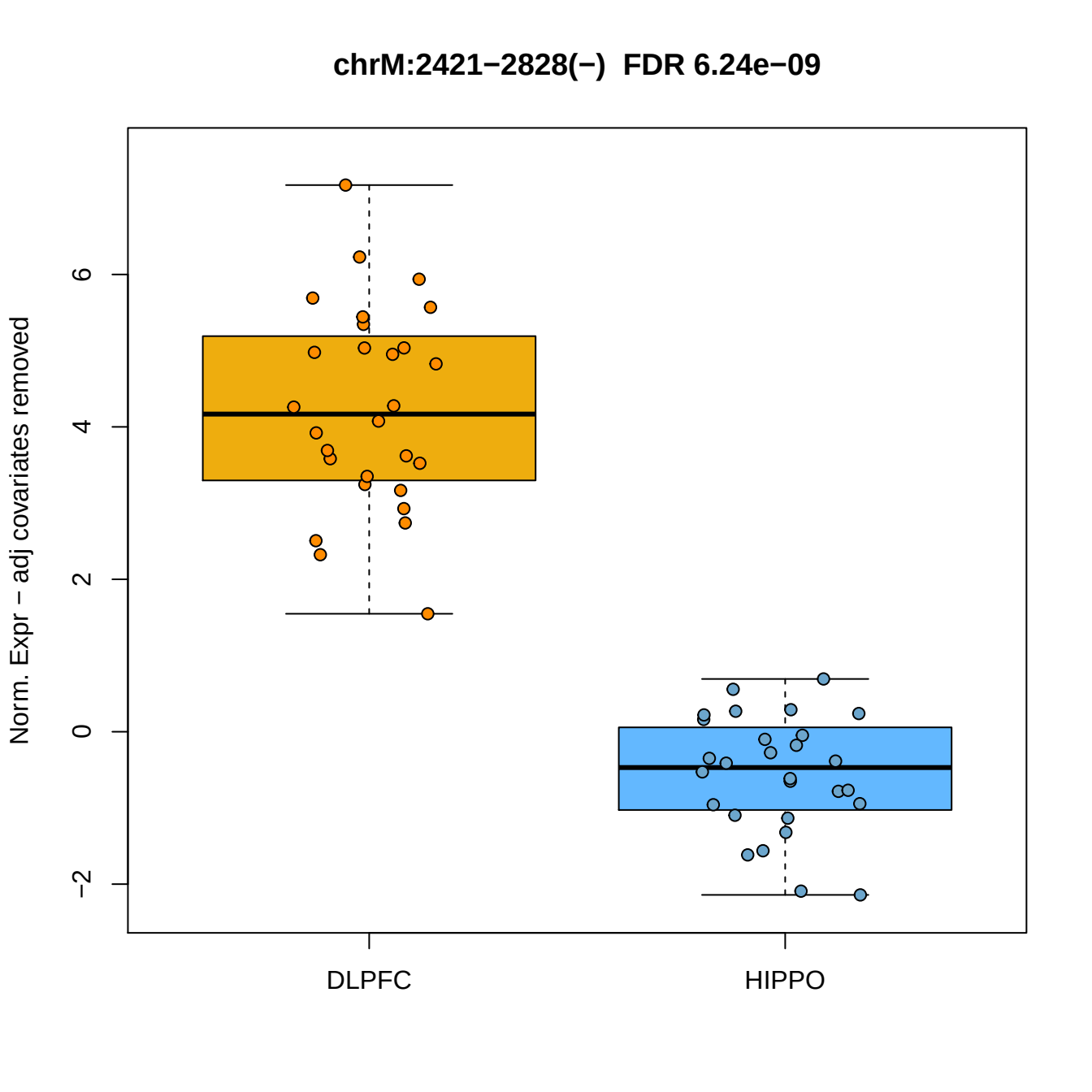

chrM:2246−2357(−)  FDR 9.21e−10
Norm. Expr − adj covariates removed
8
6
4
2
0
−2
−4
DLPFC
HIPPO

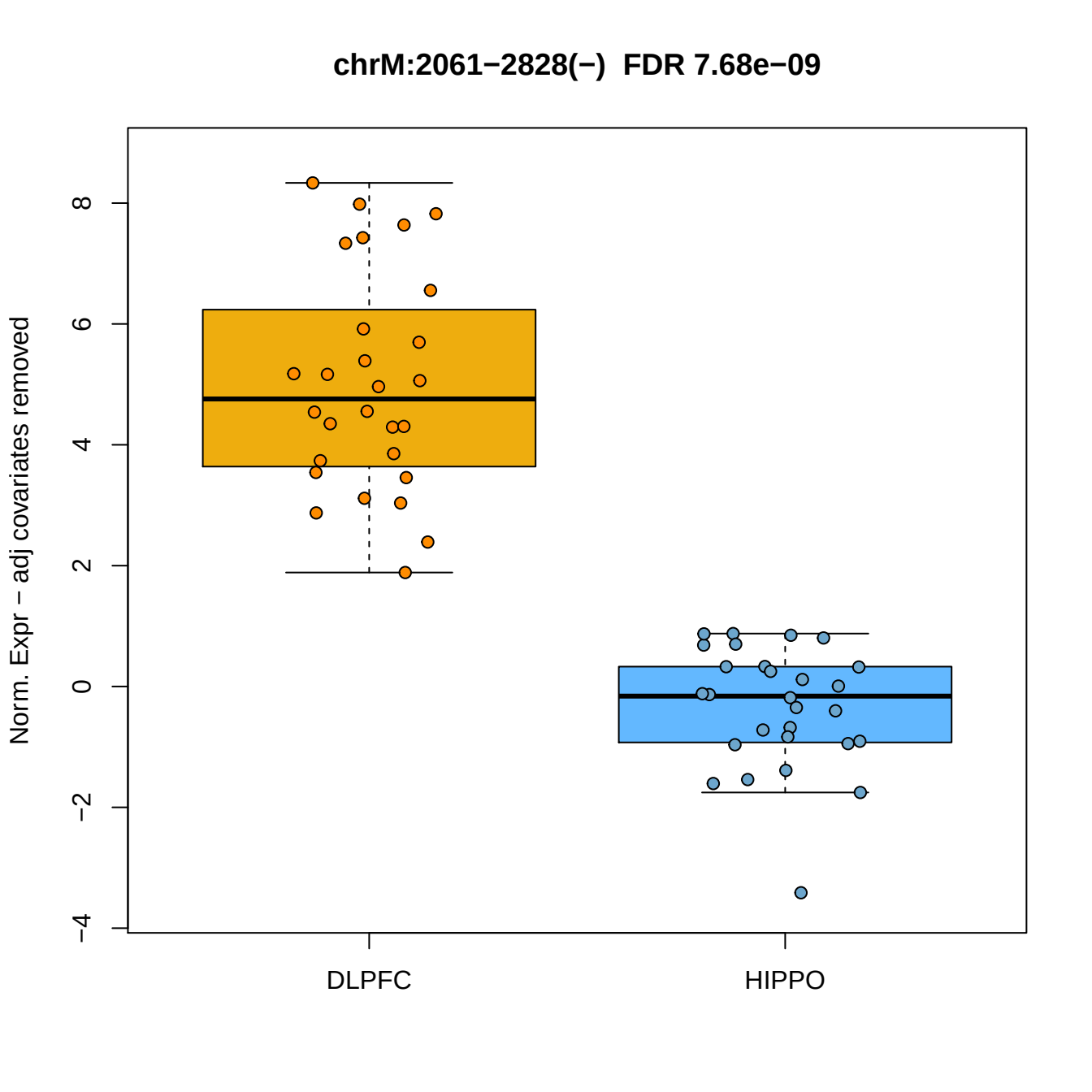

chrM:973−13791(+)  FDR 2.75e−09
Norm. Expr − adj covariates removed
4
2
0
−2
DLPFC
HIPPO

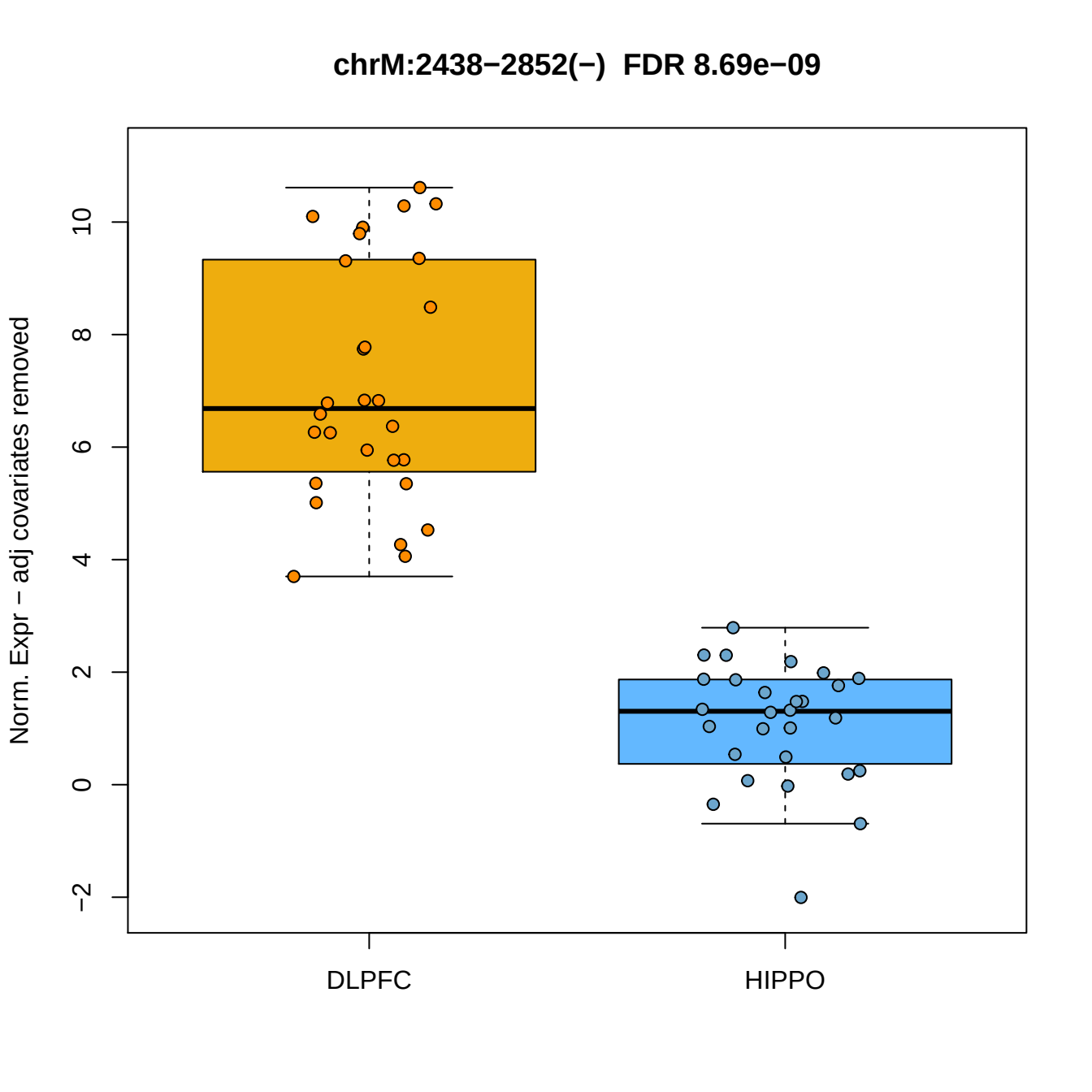

chrM:1901−3167(−)  FDR 5.4e−09
Norm. Expr − adj covariates removed
6
4
2
0
−2
−4
DLPFC
HIPPO

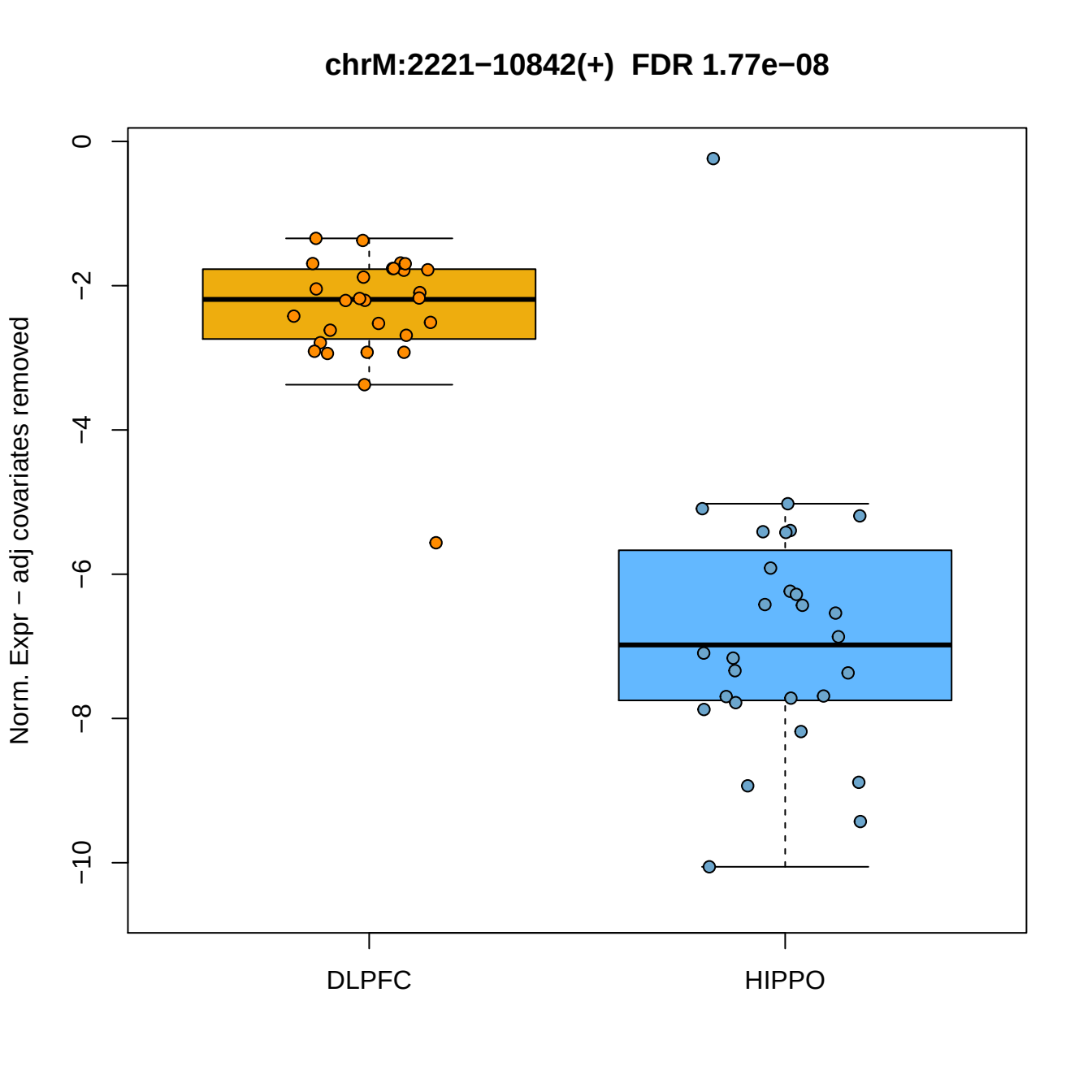

chrM:2214−2257(−)  FDR 6.24e−09
Norm. Expr − adj covariates removed
8
6
4
2
0
−2
−4
DLPFC
HIPPO

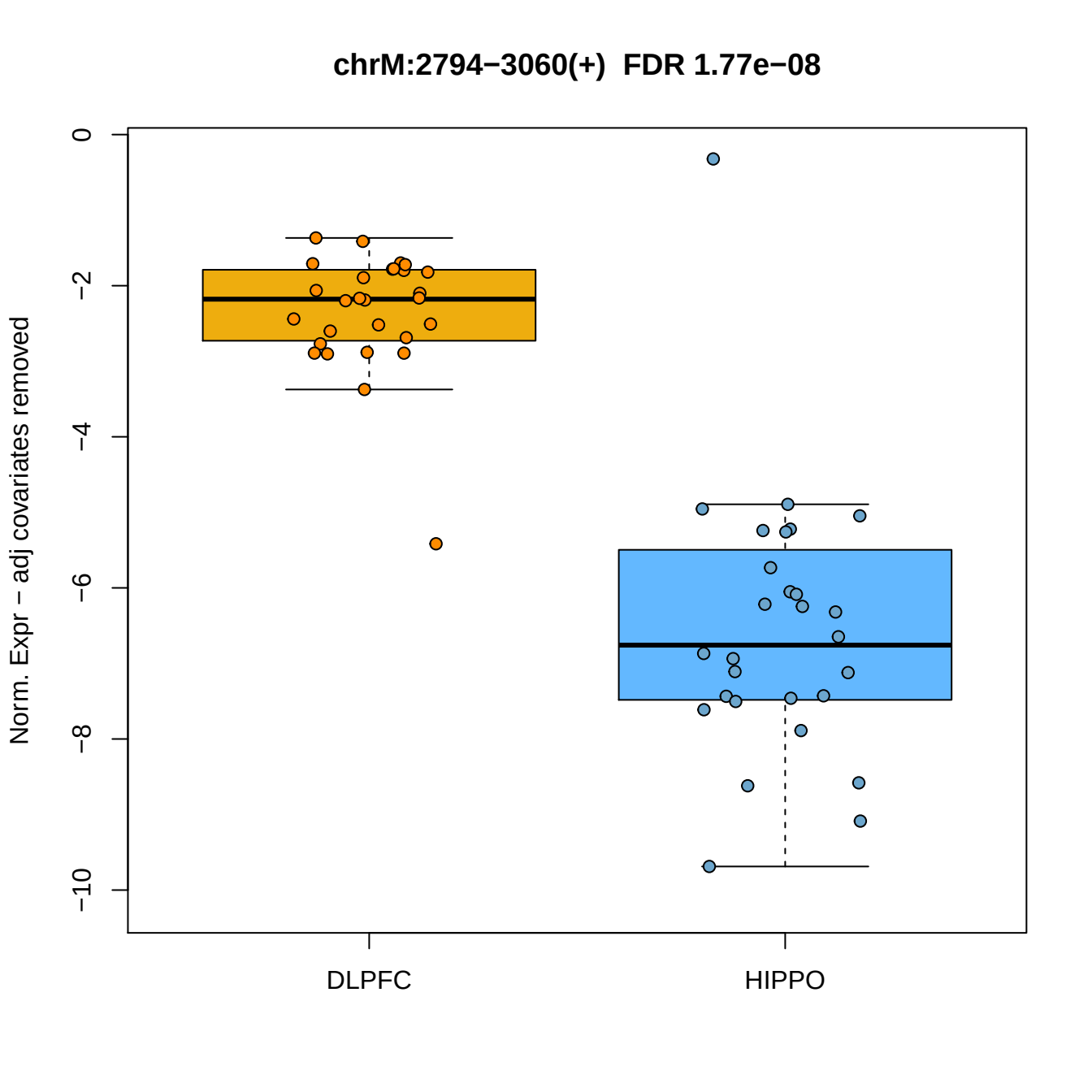

chrM:2397−3188(−)  FDR 6.24e−09
Norm. Expr − adj covariates removed
8
6
4
2
0
−2
DLPFC
HIPPO

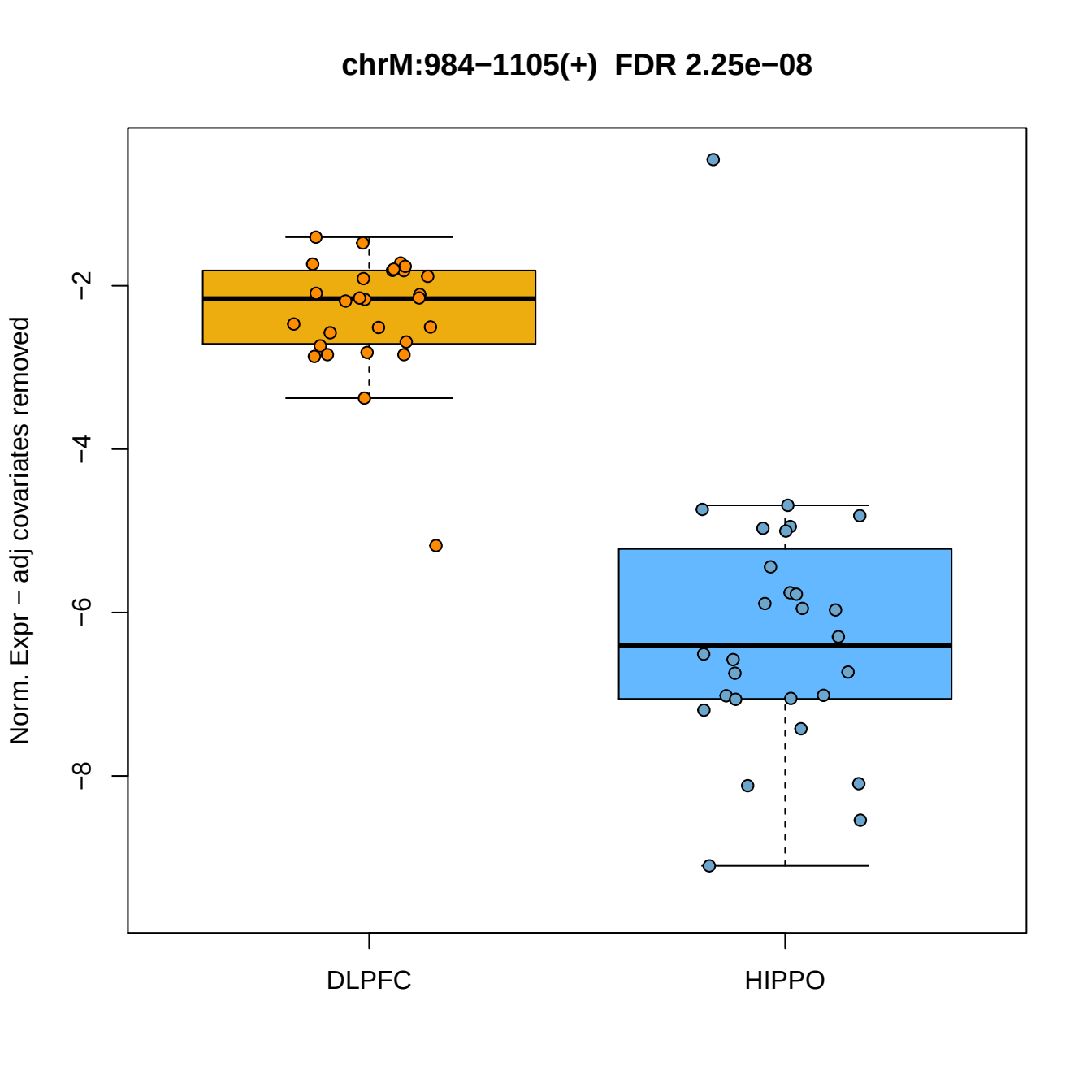

chrM:2421−2828(−)  FDR 6.24e−09
Norm. Expr − adj covariates removed
6
4
2
0
−2
DLPFC
HIPPO

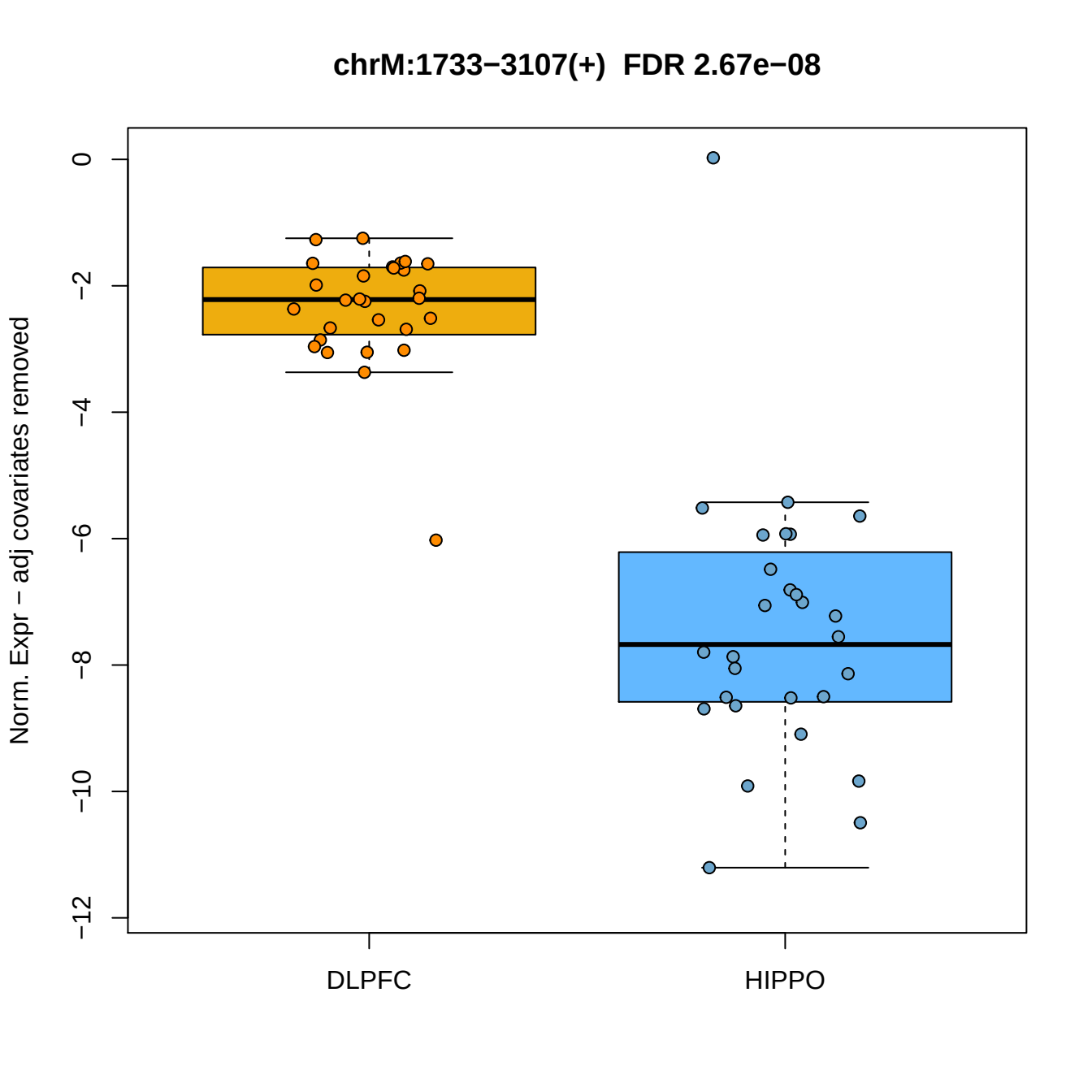

chrM:2061−2828(−)  FDR 7.68e−09
Norm. Expr − adj covariates removed
8
6
4
2
0
−2
−4
DLPFC
HIPPO

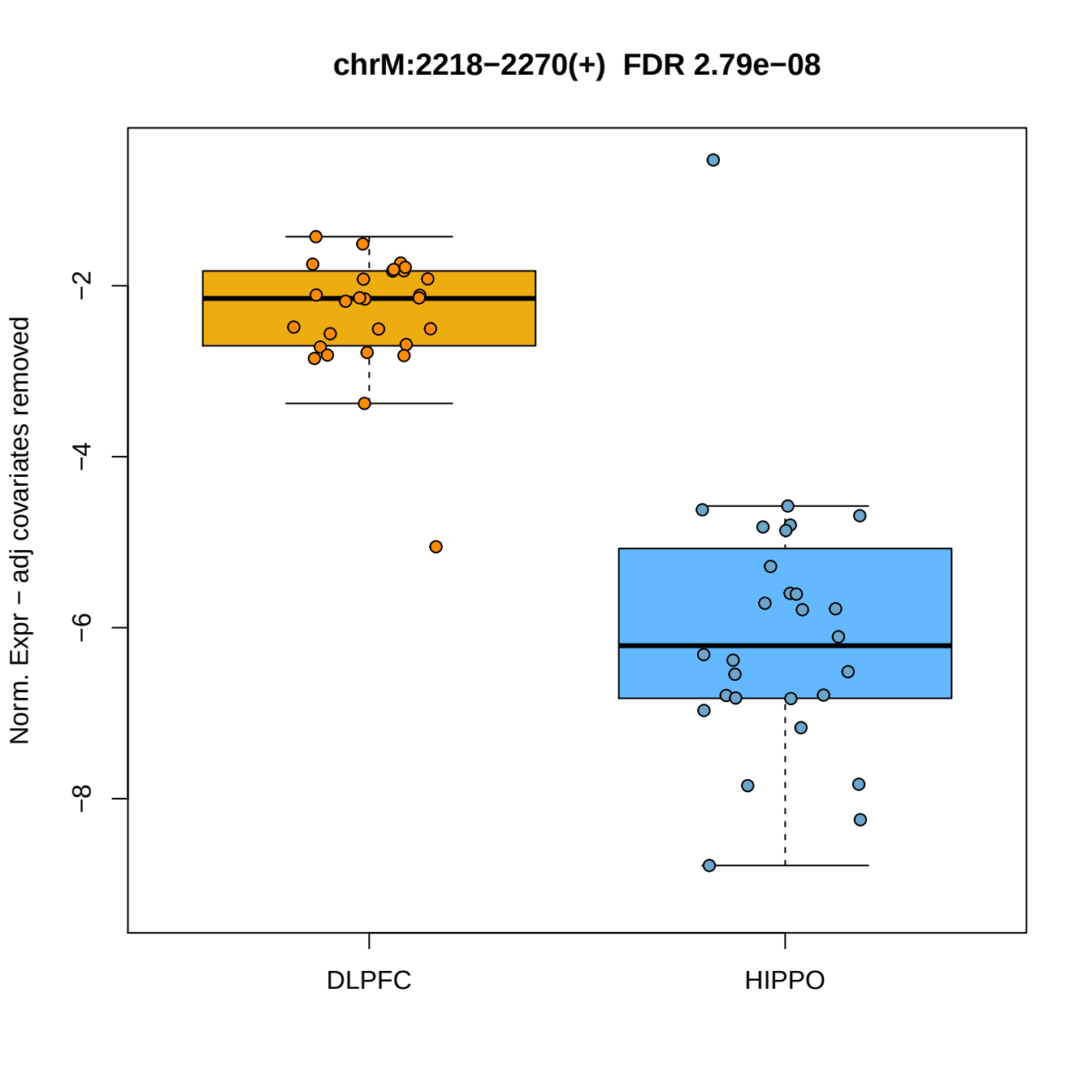

chrM:2438−2852(−)  FDR 8.69e−09
Norm. Expr − adj covariates removed
10
8
6
4
2
0
−2
DLPFC
HIPPO

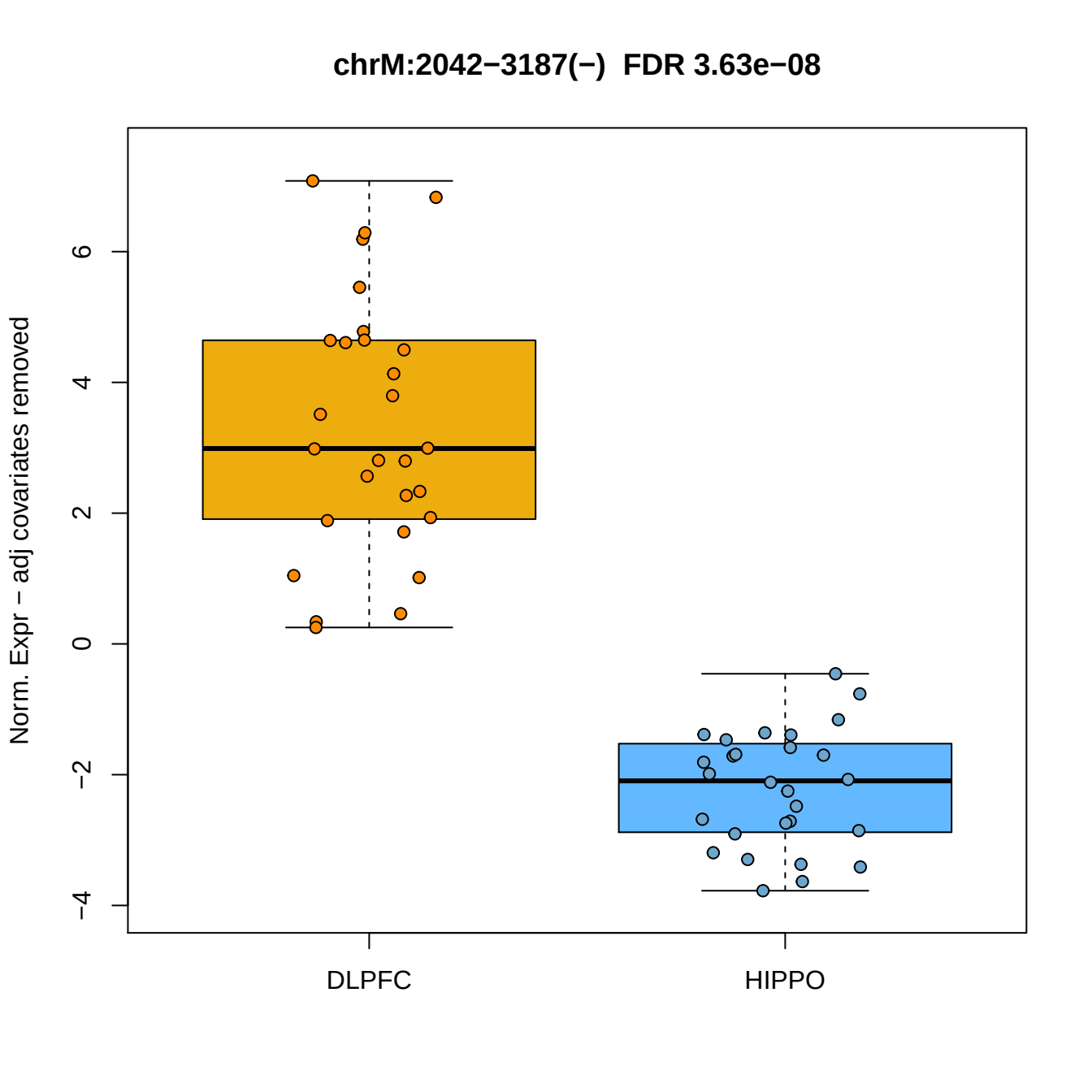

chrM:2221−10842(+) FDR 1.77e−08
Norm. Expr − adj covariates removed
0
−2
−4
−6
−8
−10
DLPFC
HIPPO

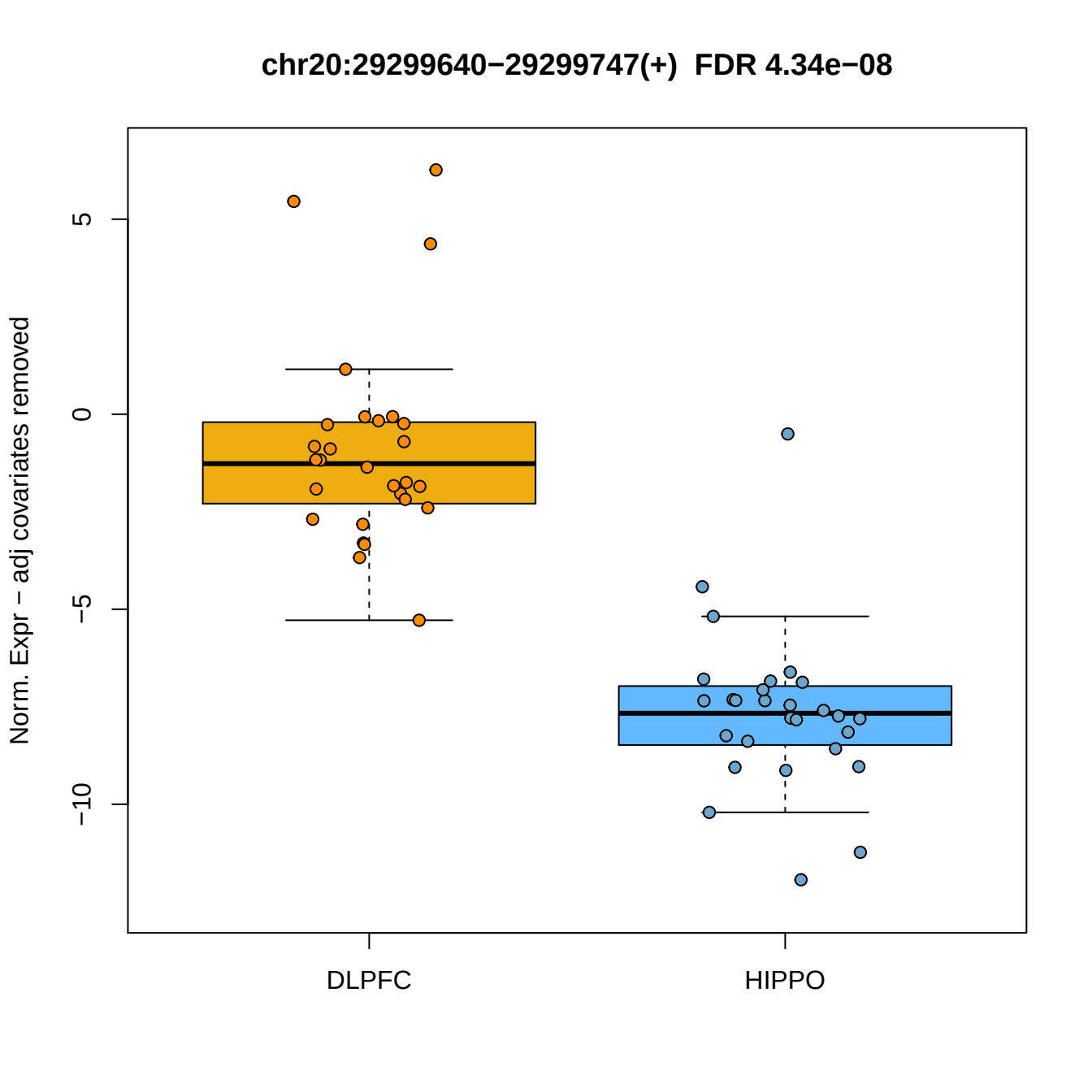

chrM:2794−3060(+)  FDR 1.77e−08
Norm. Expr − adj covariates removed
0
−2
−4
−6
−8
−10
DLPFC
HIPPO

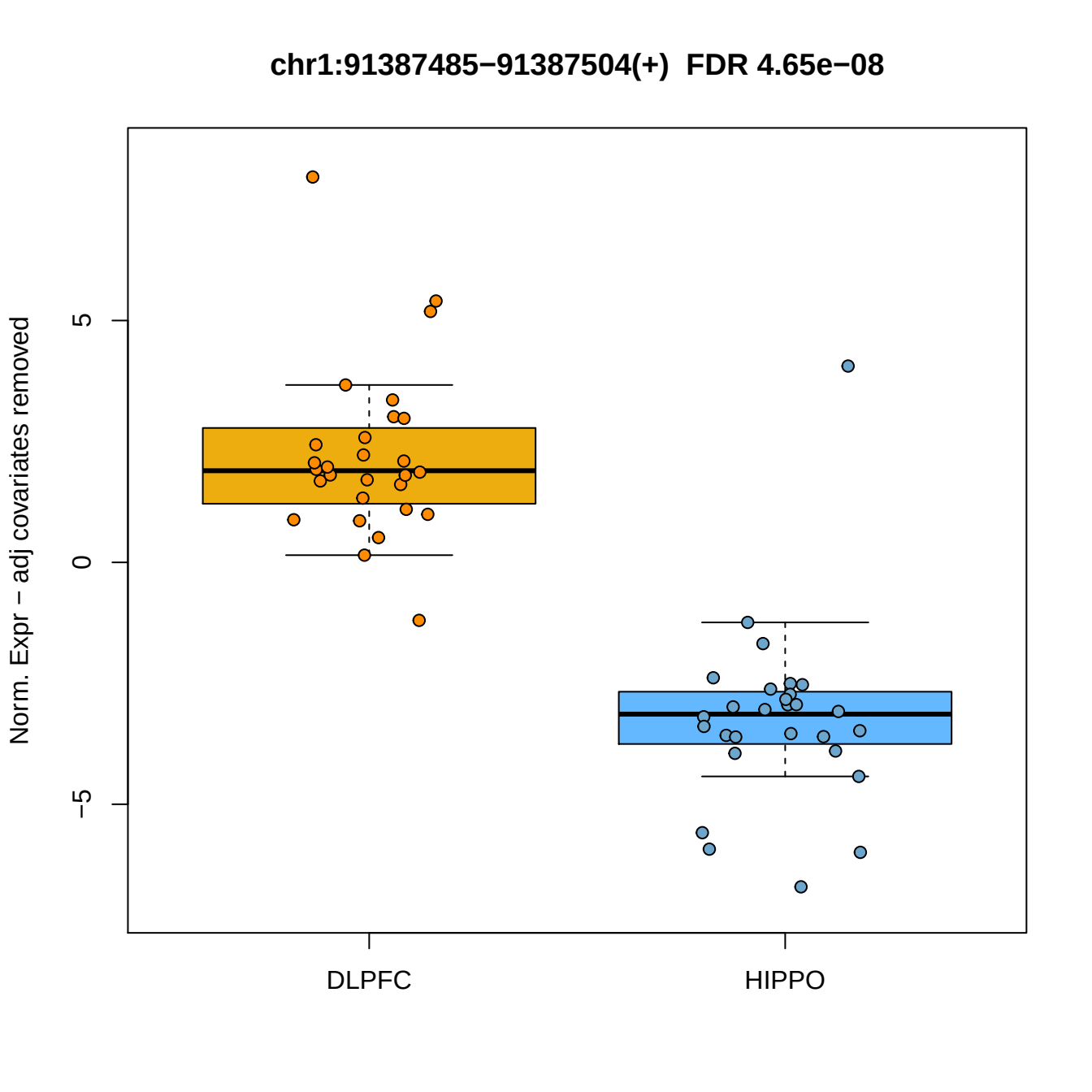

chrM:984−1105(+)  FDR 2.25e−08
Norm. Expr − adj covariates removed
−2
−4
−6
−8
DLPFC
HIPPO

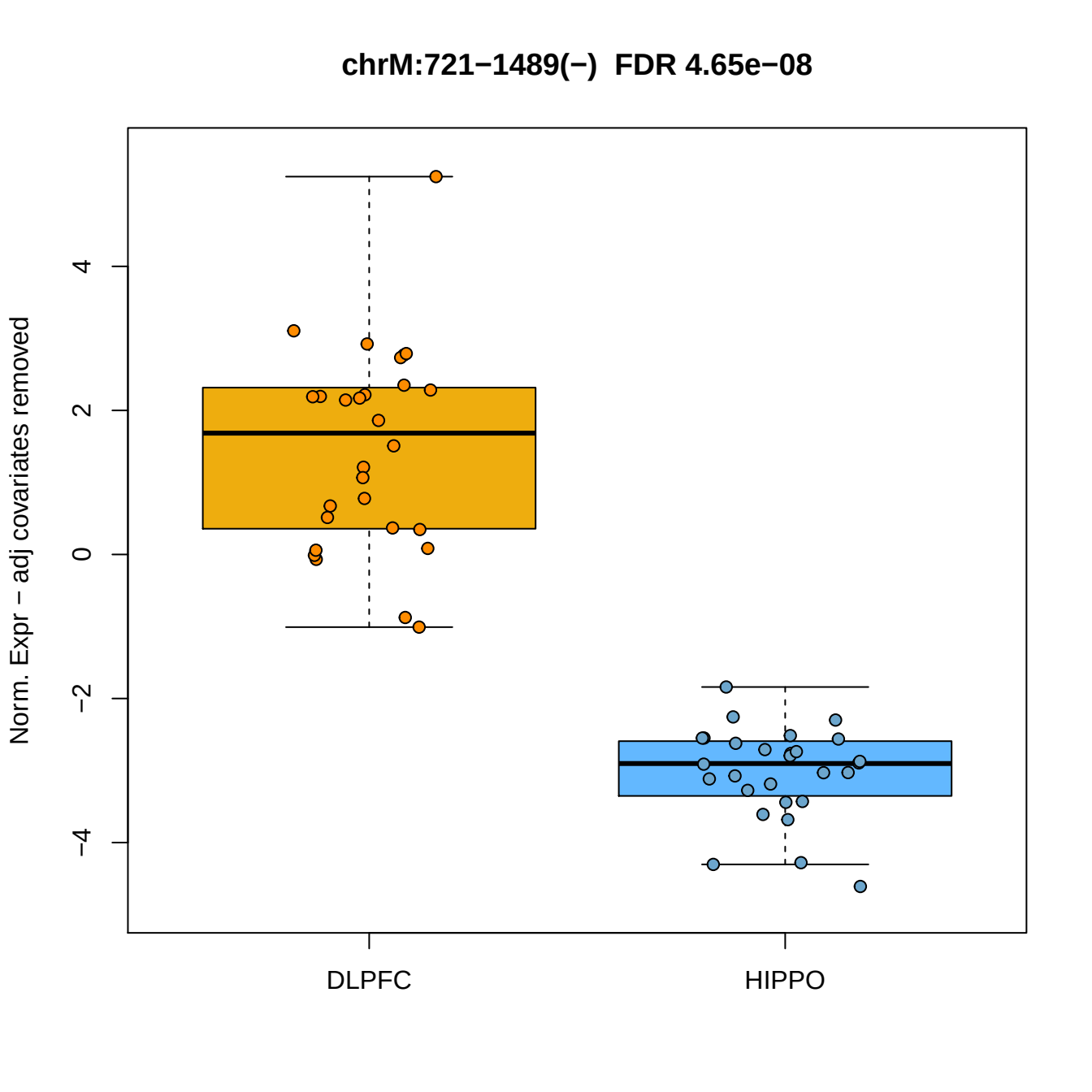

chrM:1733−3107(+)  FDR 2.67e−08
Norm. Expr − adj covariates removed
0
−2
−4
−6
−8
−10
−12
DLPFC
HIPPO

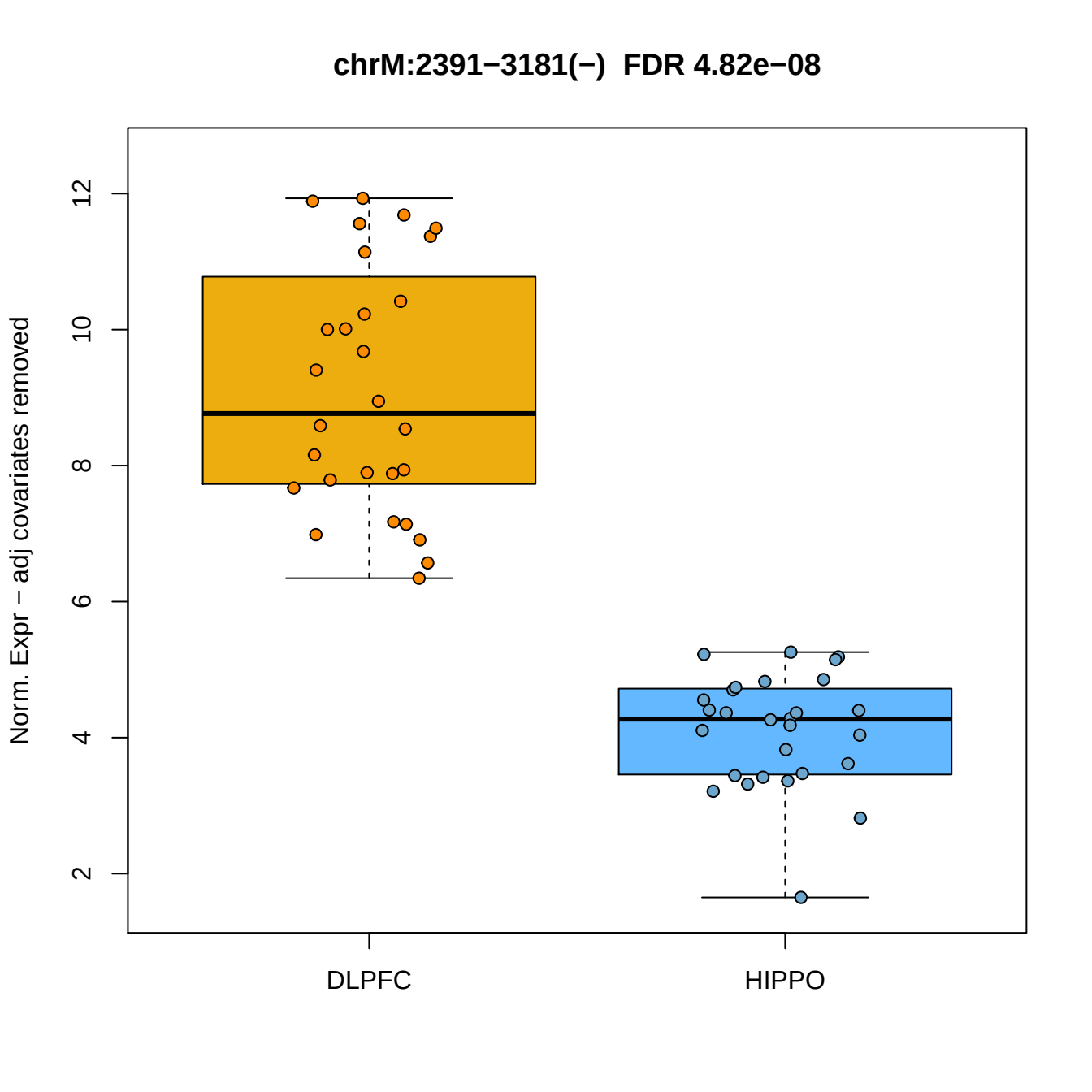

chrM:2218−2270(+) FDR 2.79e−08
Norm. Expr − adj covariates removed
−2
−4
−6
−8
DLPFC
HIPPO

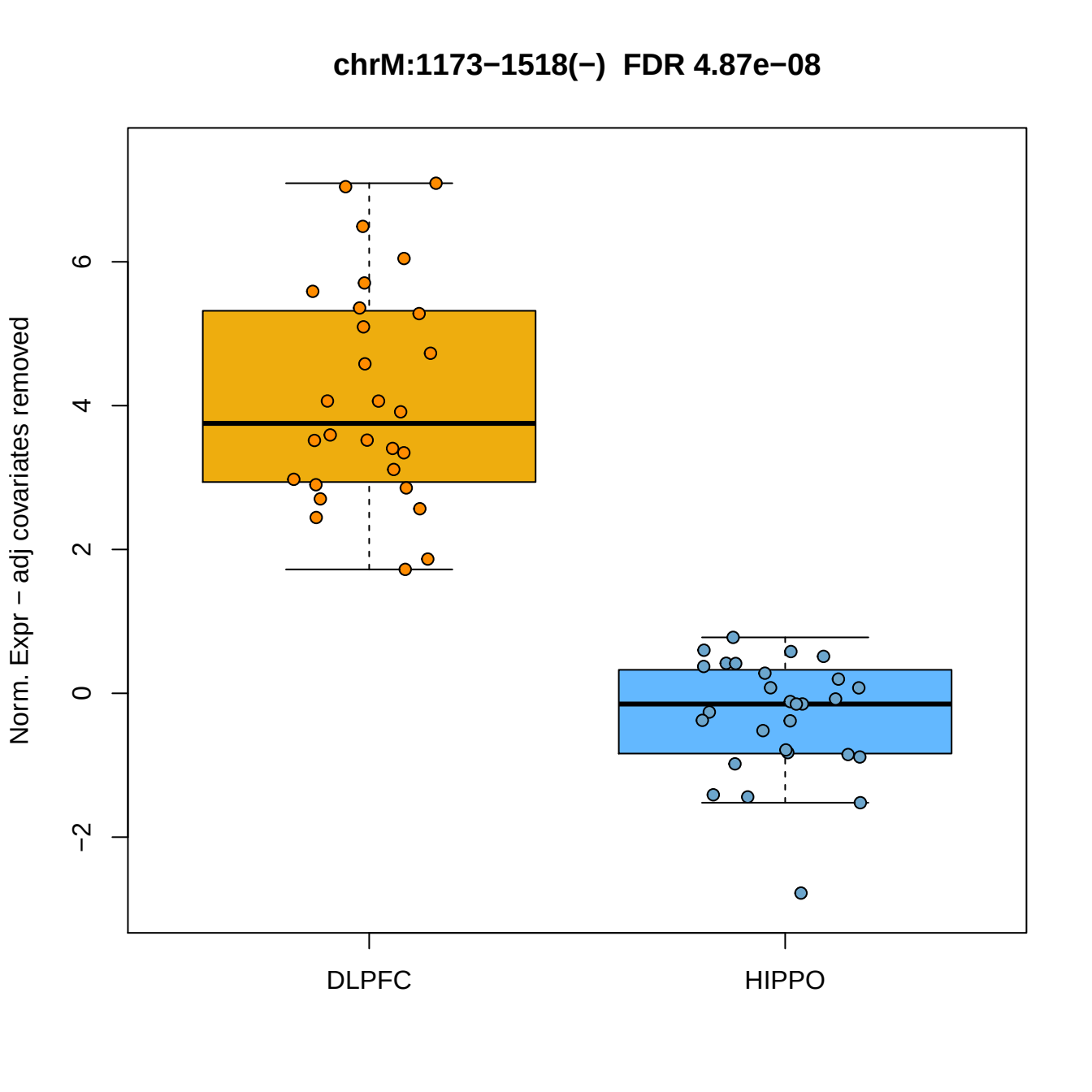

chrM:2042−3187(−)  FDR 3.63e−08
Norm. Expr − adj covariates removed
6
4
2
0
−2
−4
DLPFC
HIPPO

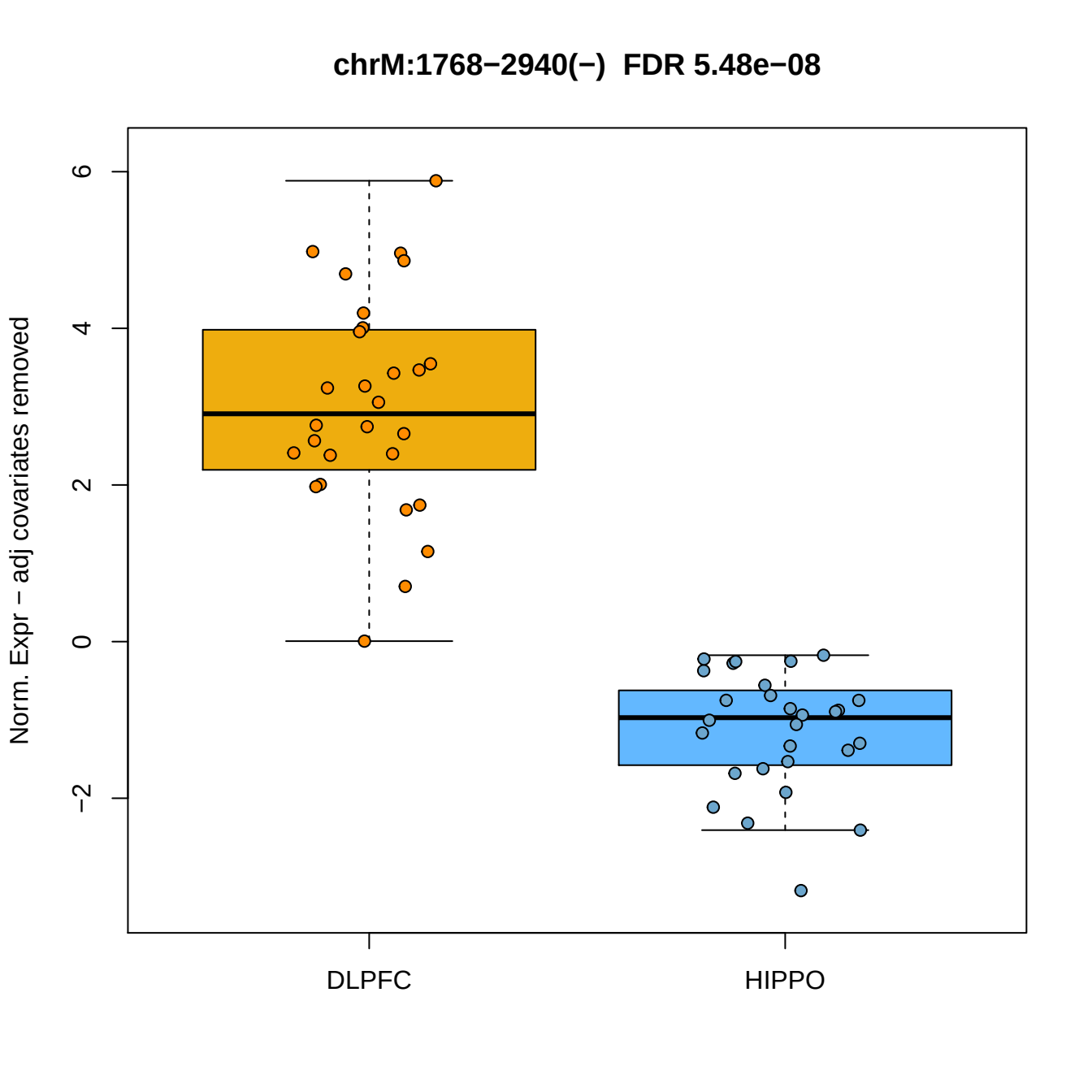

chr20:29299640−29299747(+) FDR 4.34e−08
Norm. Expr − adj covariates removed
5
0
−5
−10
DLPFC
HIPPO

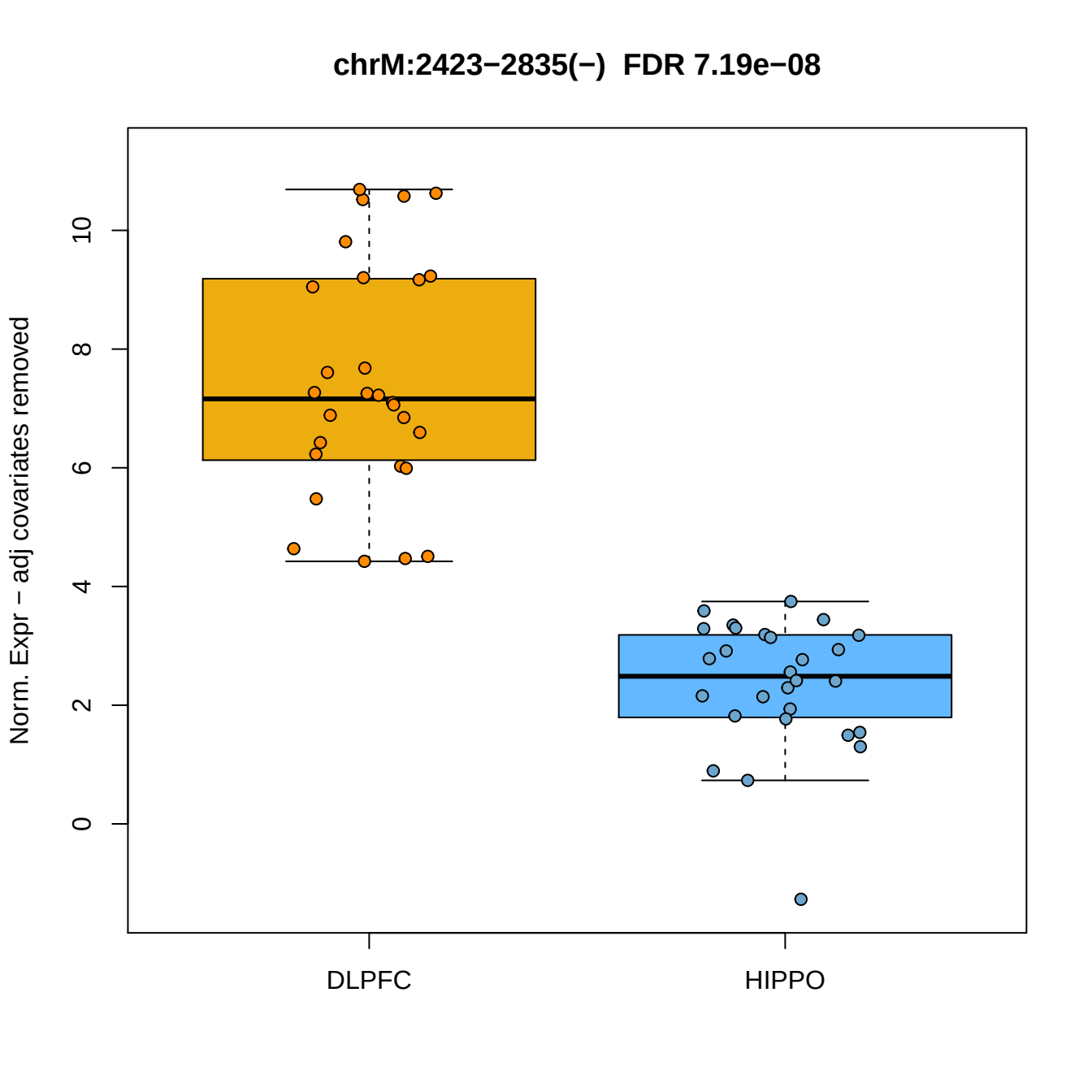

chr1:91387485−91387504(+) FDR 4.65e−08
Norm. Expr − adj covariates removed
5
0
−5
DLPFC
HIPPO

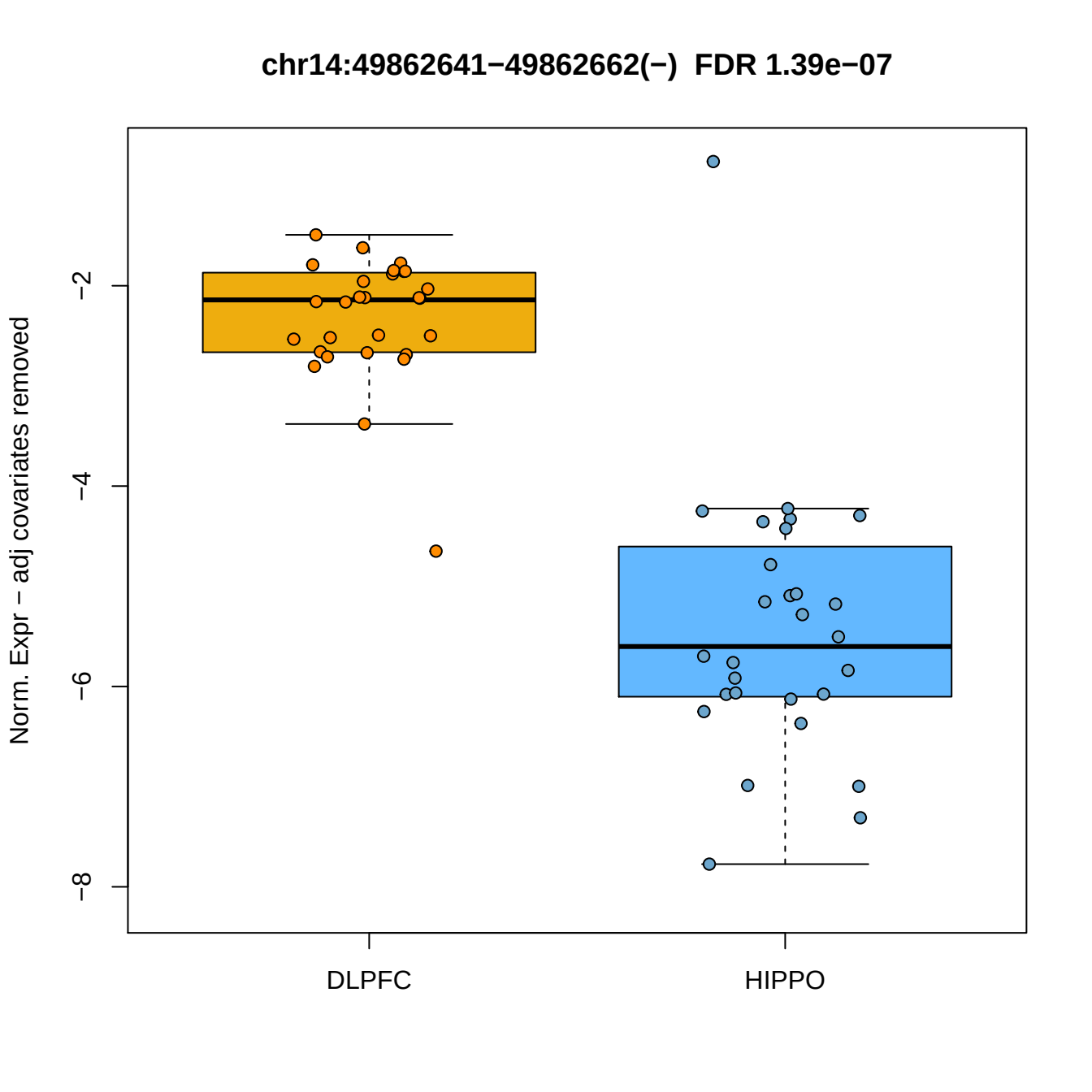

chrM:721−1489(−)  FDR 4.65e−08
Norm. Expr − adj covariates removed
4
2
0
−2
−4
DLPFC
HIPPO

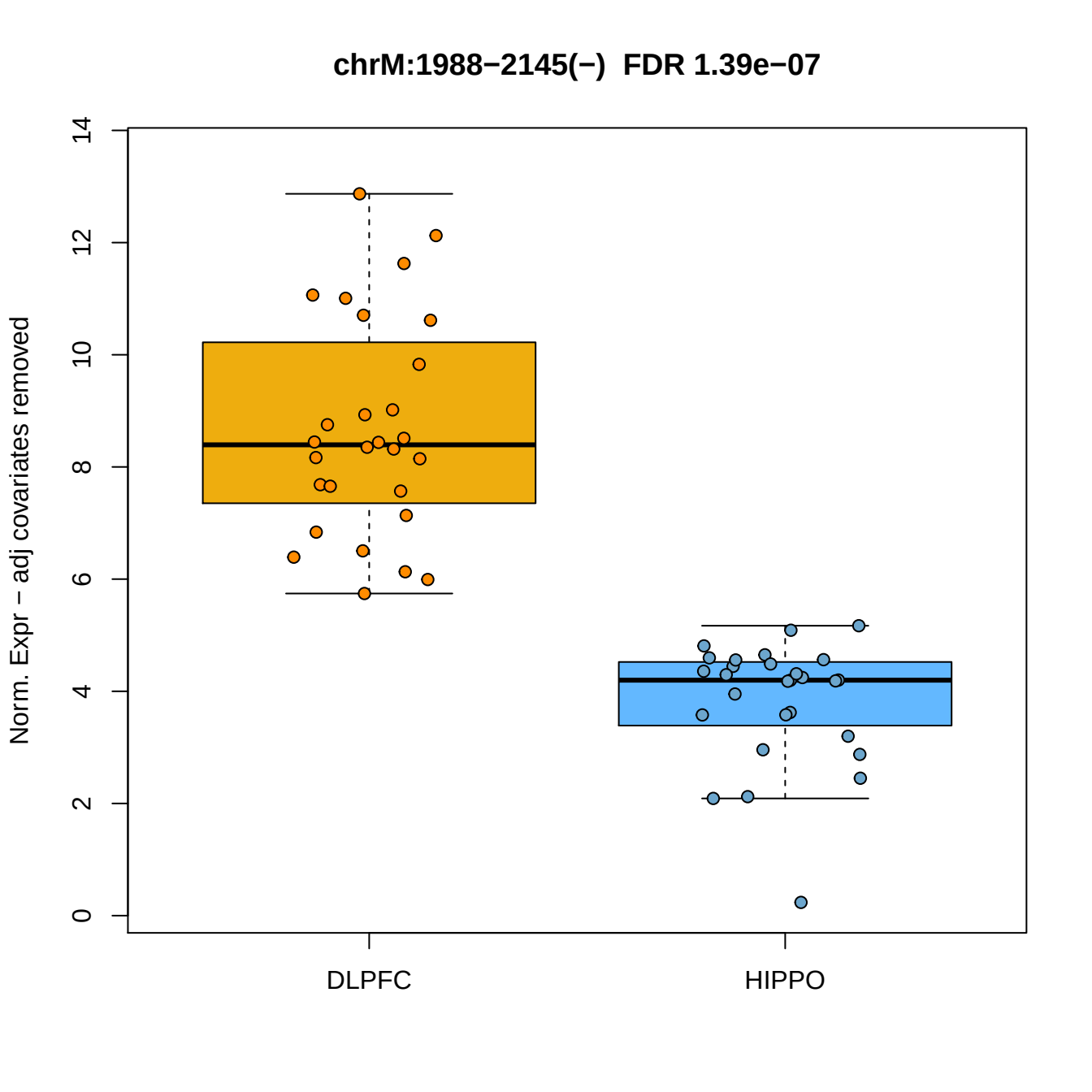

chrM:2391−3181(−)  FDR 4.82e−08
Norm. Expr − adj covariates removed
2
4
6
8
10
12
DLPFC
HIPPO

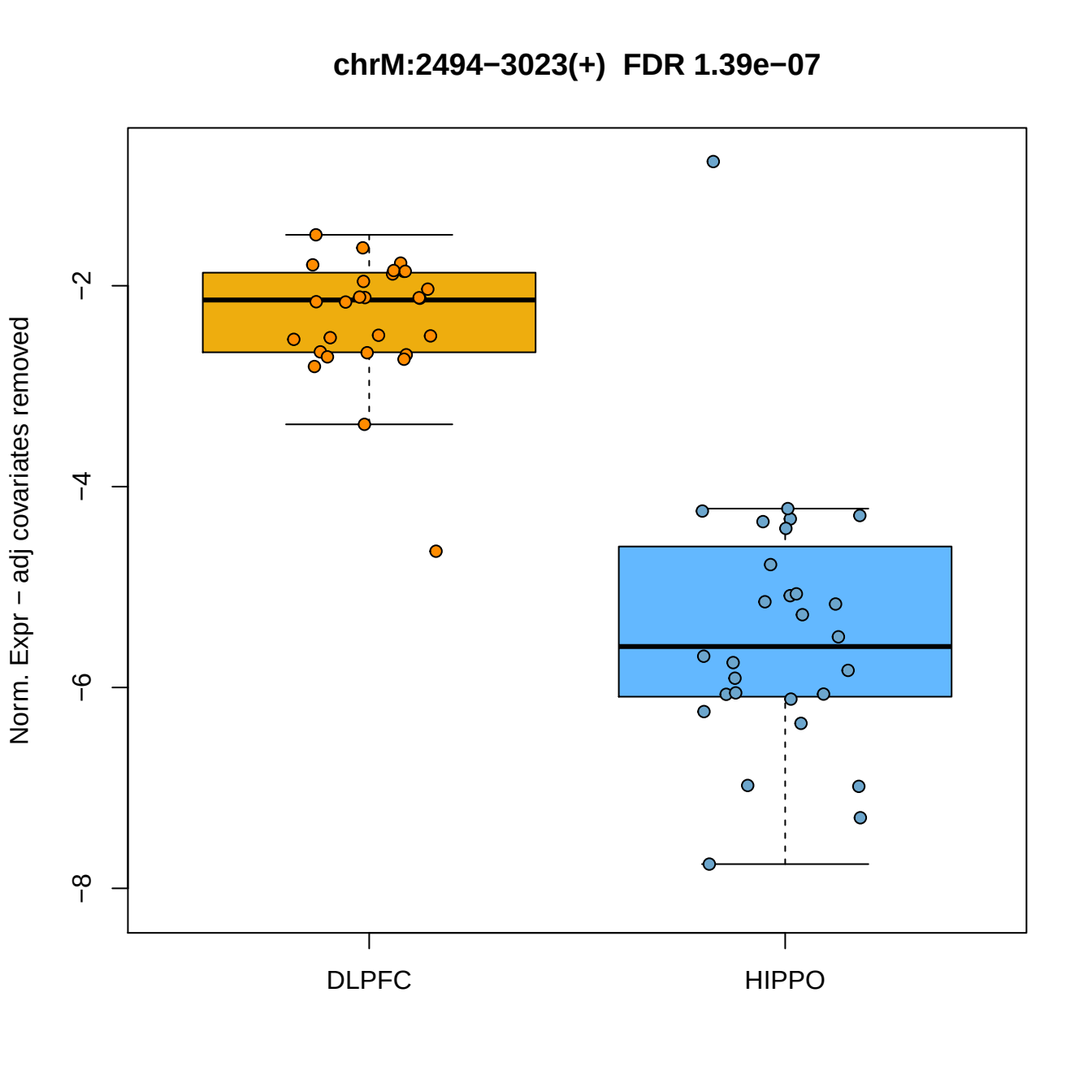

chrM:1173−1518(−)  FDR 4.87e−08
Norm. Expr − adj covariates removed
6
4
2
0
−2
DLPFC
HIPPO

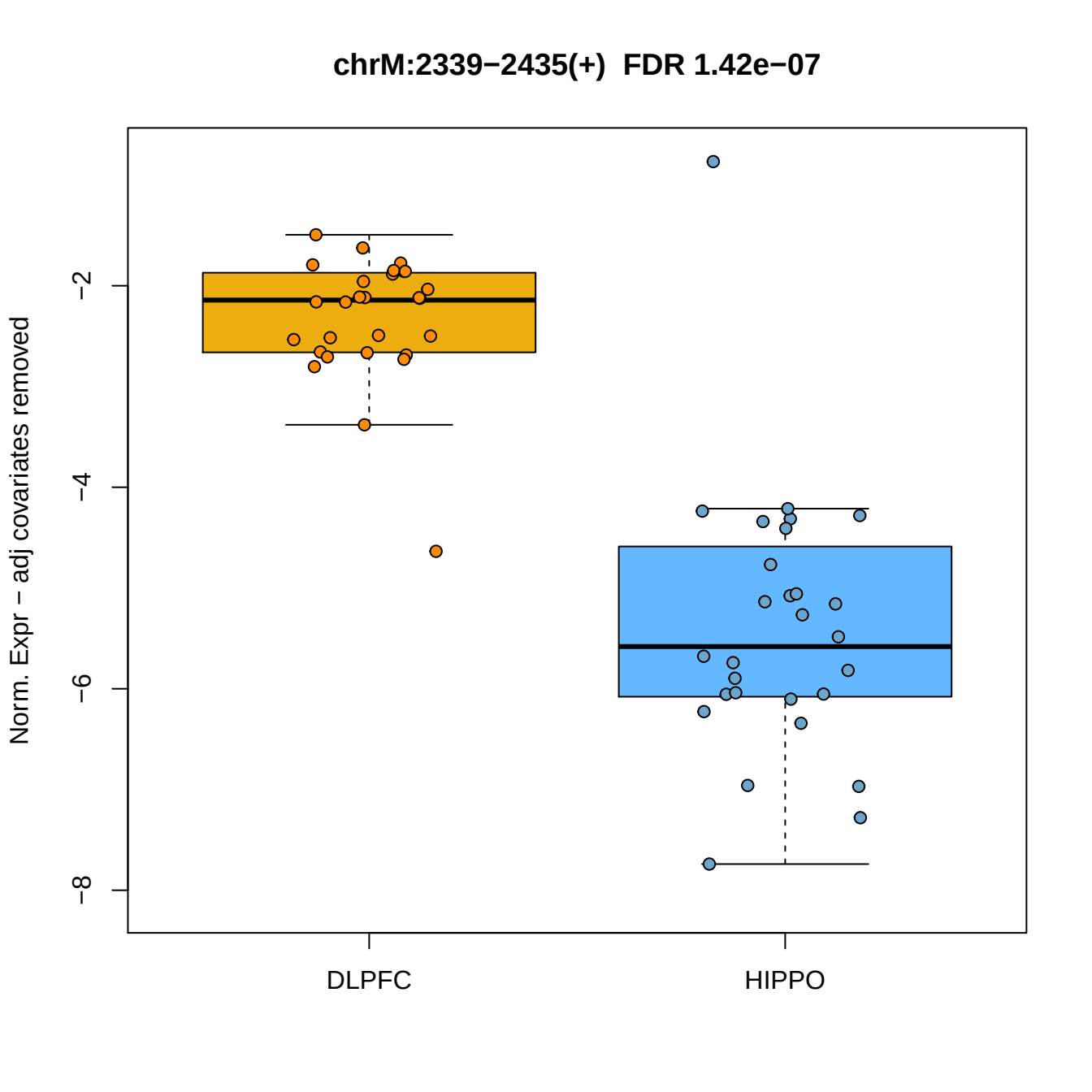

chrM:1768−2940(−)  FDR 5.48e−08
Norm. Expr − adj covariates removed
6
4
2
0
−2
DLPFC
HIPPO

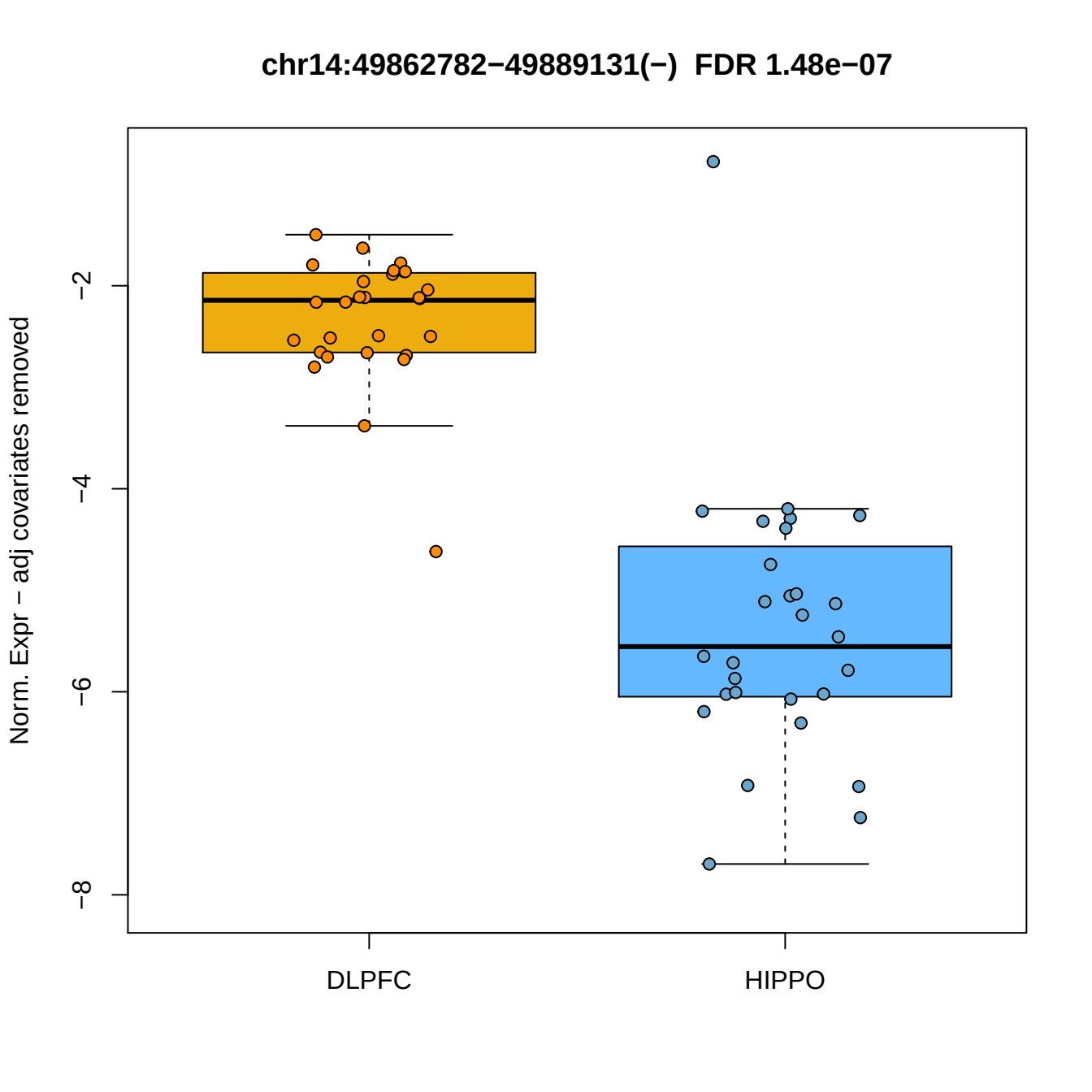

chrM:2423−2835(−)  FDR 7.19e−08
Norm. Expr − adj covariates removed
0
2
4
6
8
10
DLPFC
HIPPO

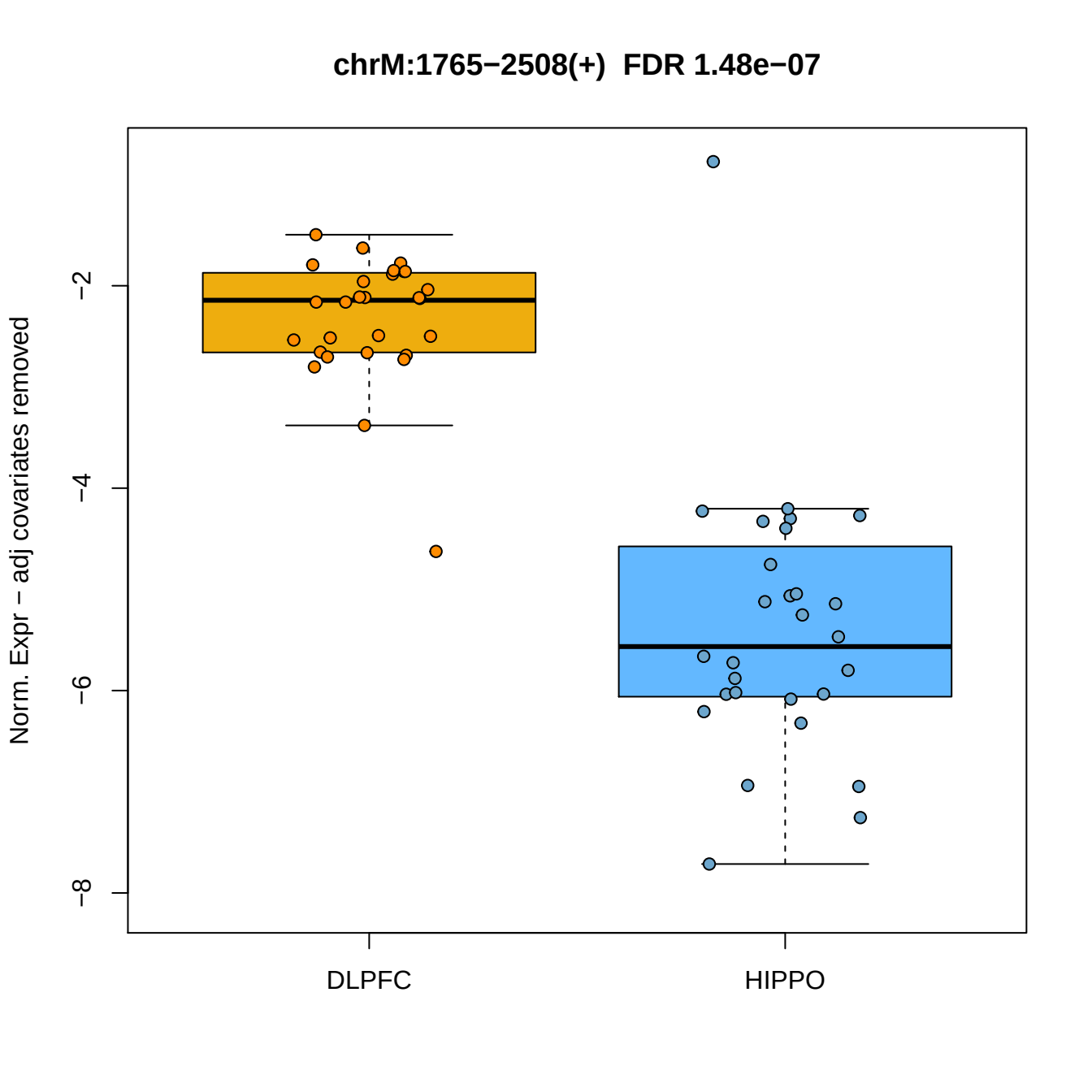

chr14:49862641−49862662(−) FDR 1.39e−07
Norm. Expr − adj covariates removed
−2
−4
−6
−8
DLPFC
HIPPO

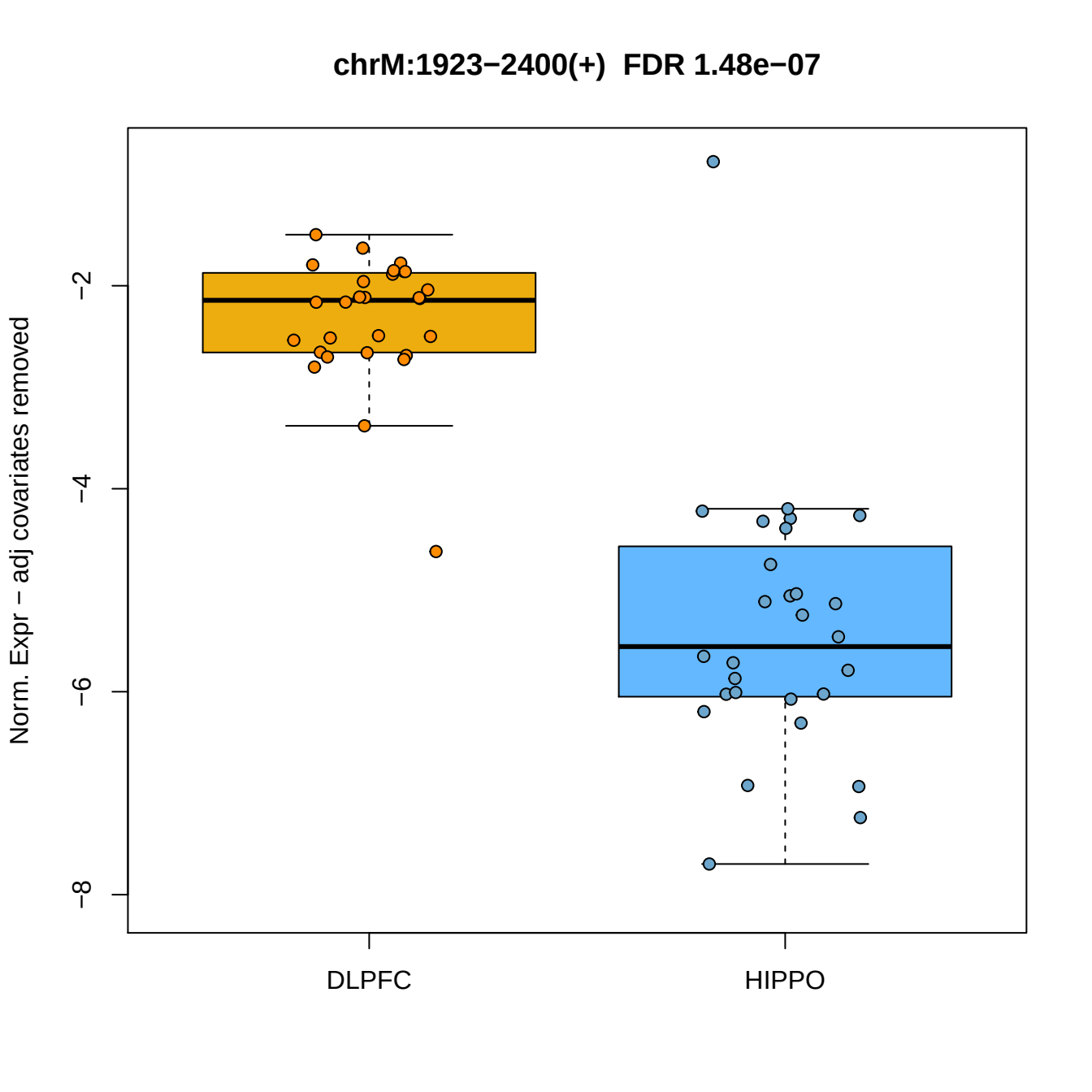

chrM:1988−2145(−)  FDR 1.39e−07
Norm. Expr − adj covariates removed
0
2
4
6
8
10
12
14
DLPFC
HIPPO

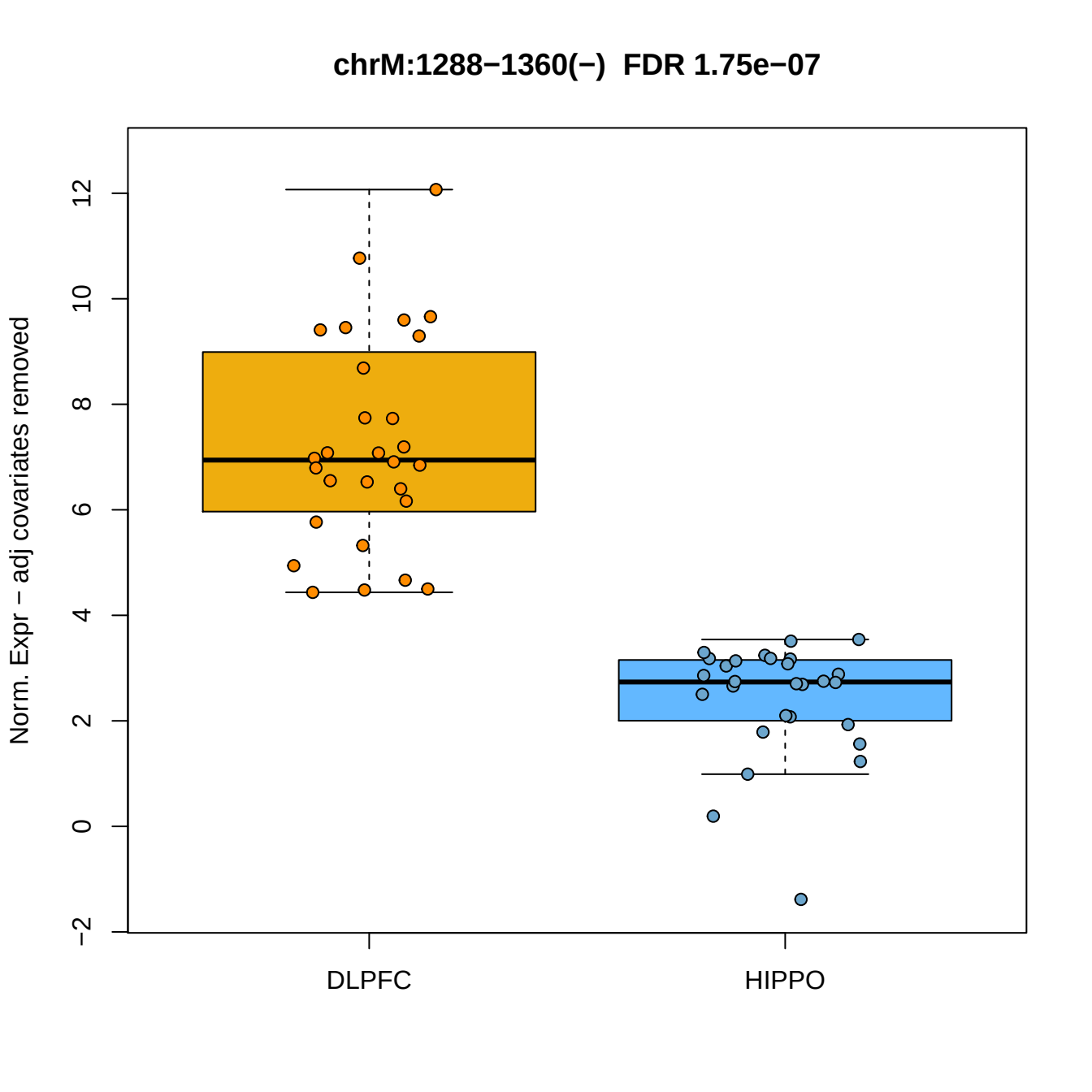

chrM:2494−3023(+)  FDR 1.39e−07
Norm. Expr − adj covariates removed
−2
−4
−6
−8
DLPFC
HIPPO

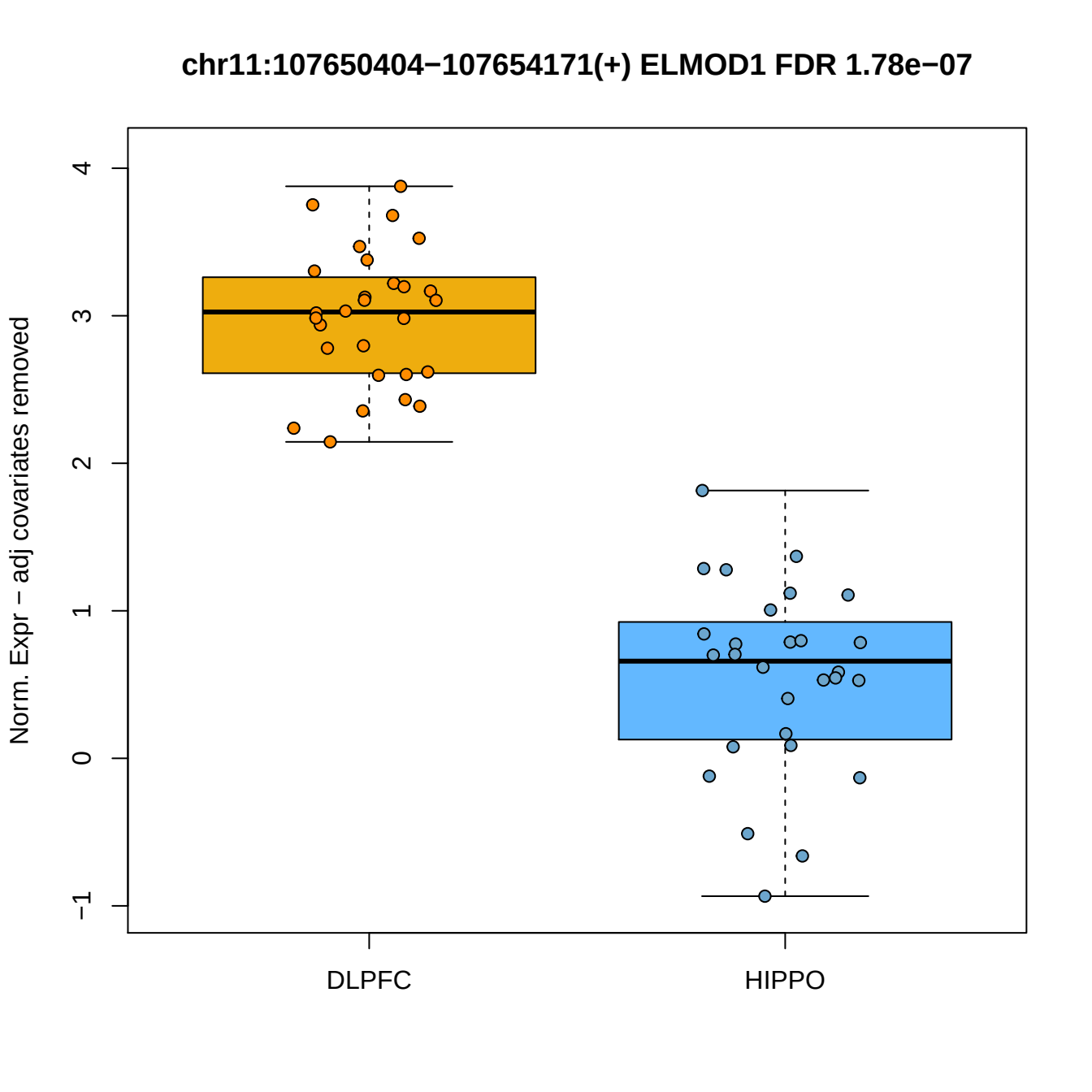

chrM:2339−2435(+) FDR 1.42e−07
Norm. Expr − adj covariates removed
−2
−4
−6
−8
DLPFC
HIPPO

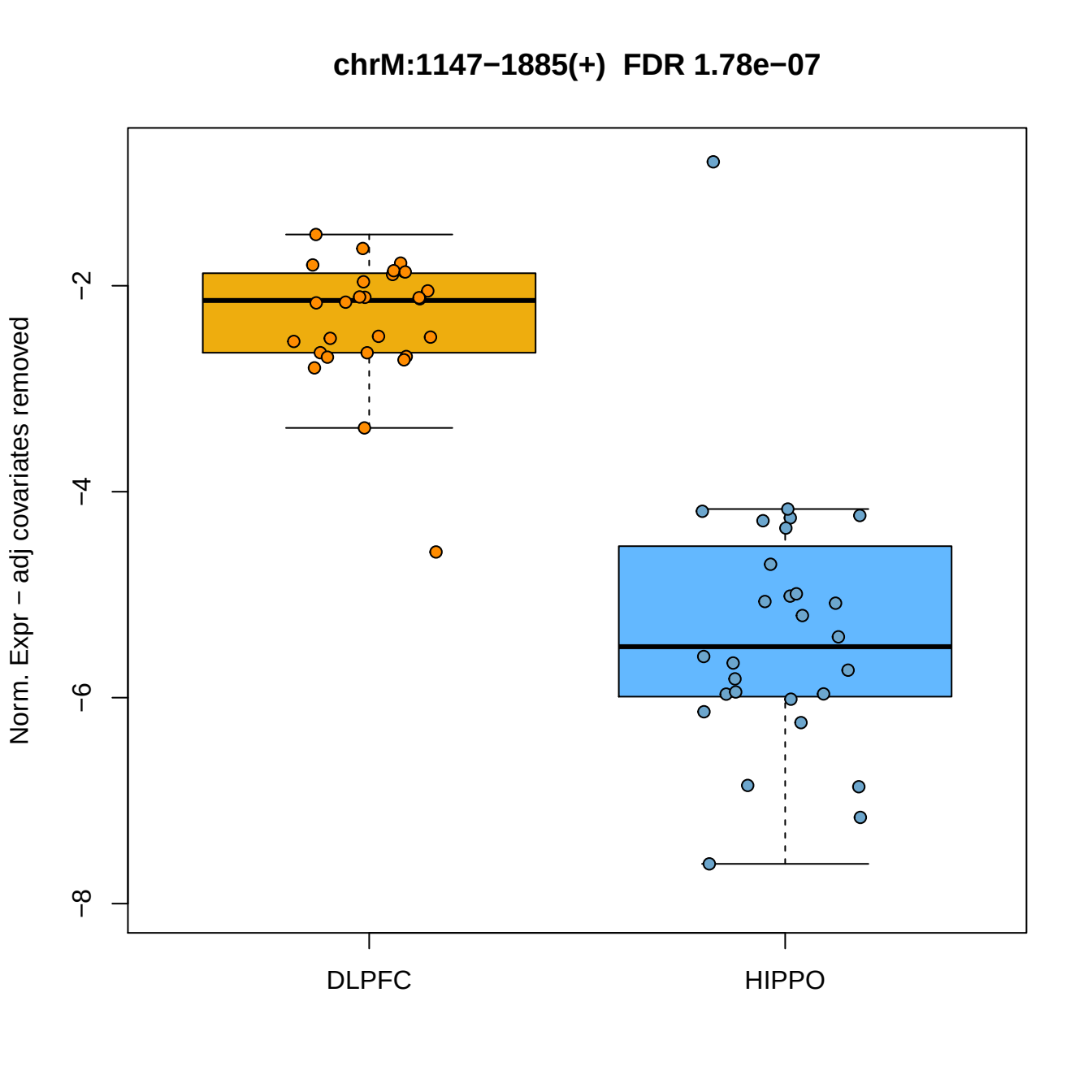

chr14:49862782−49889131(−) FDR 1.48e−07
Norm. Expr − adj covariates removed
−2
−4
−6
−8
DLPFC
HIPPO

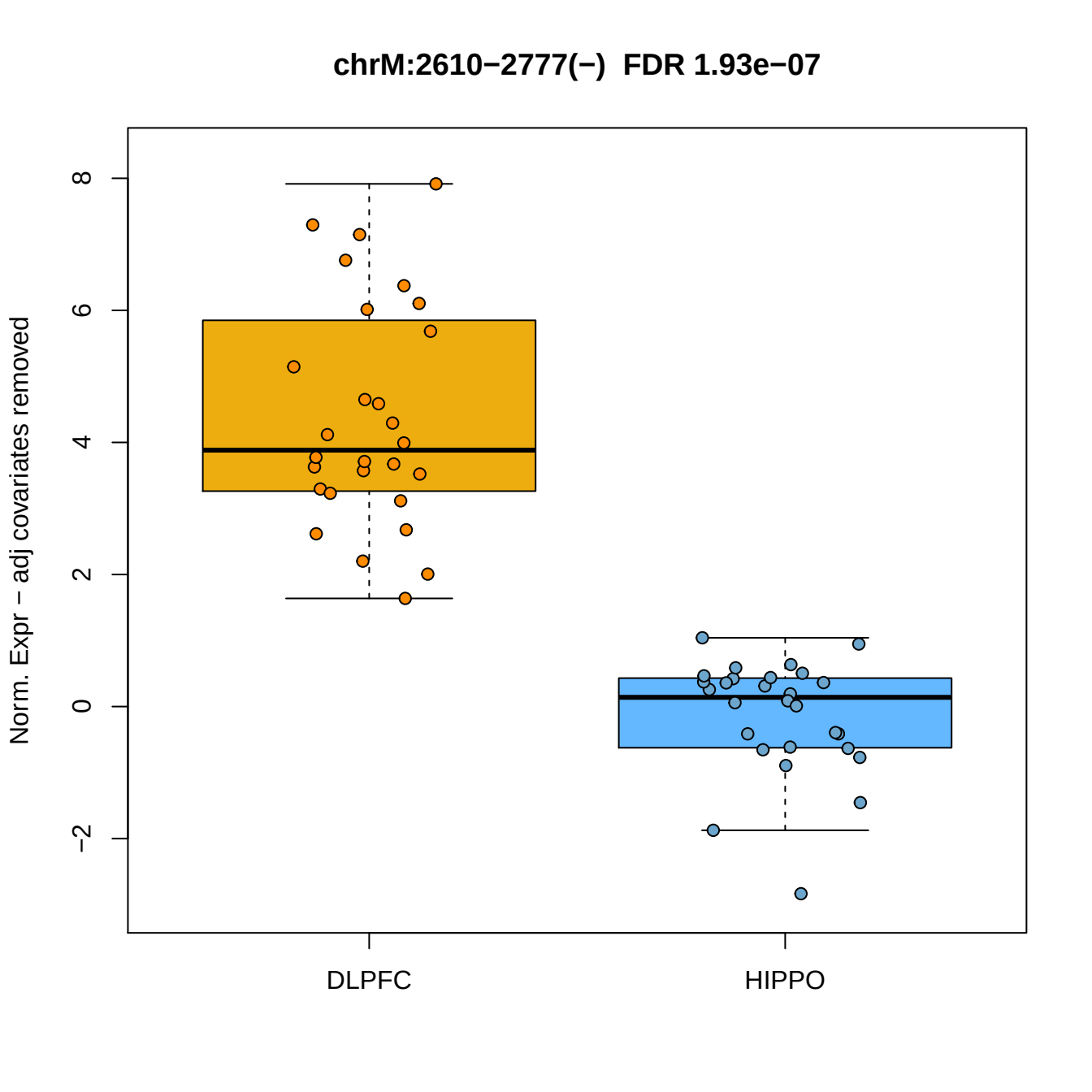

chrM:1765−2508(+)  FDR 1.48e−07
Norm. Expr − adj covariates removed
−2
−4
−6
−8
DLPFC
HIPPO

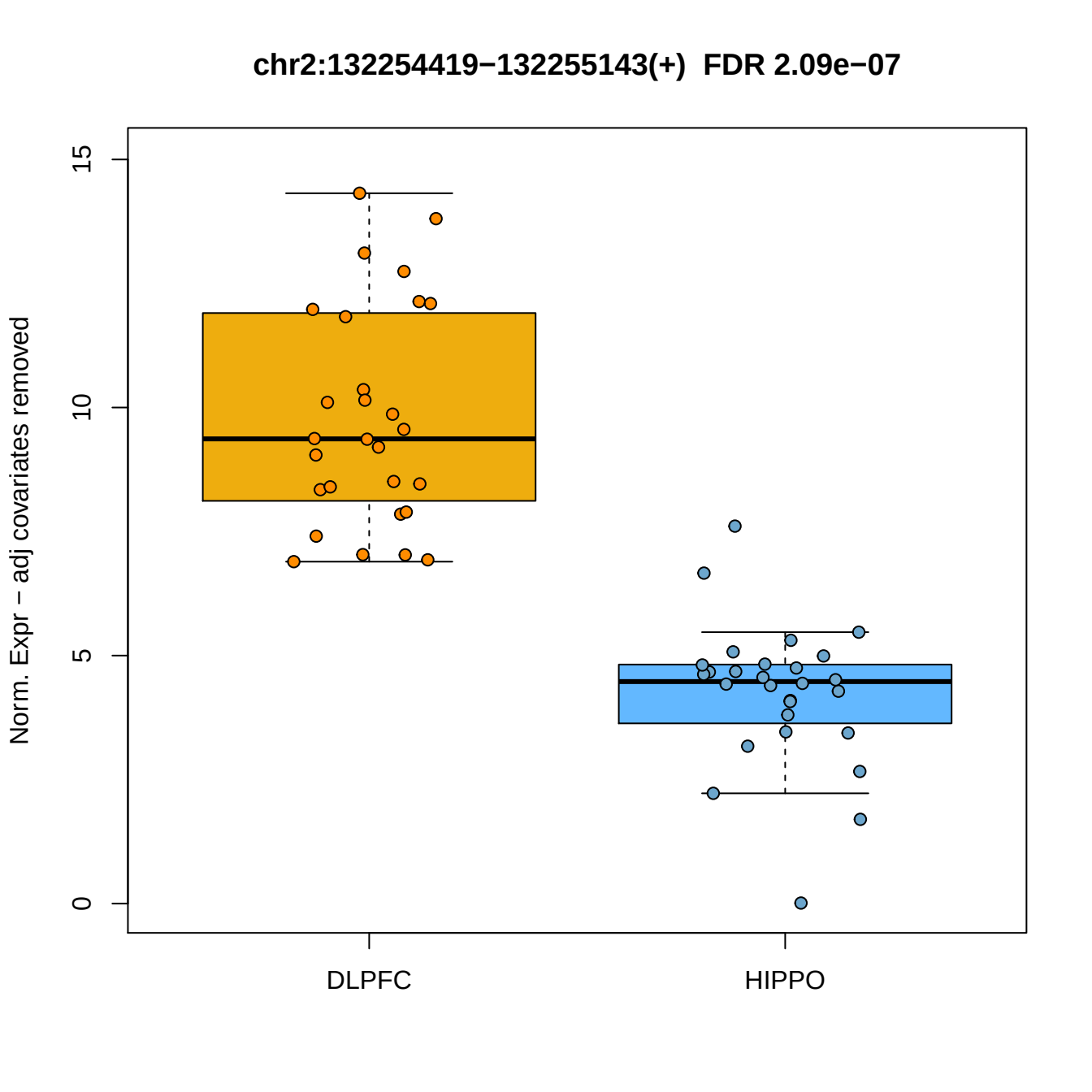

chrM:1923−2400(+) FDR 1.48e−07
Norm. Expr − adj covariates removed
−2
−4
−6
−8
DLPFC
HIPPO

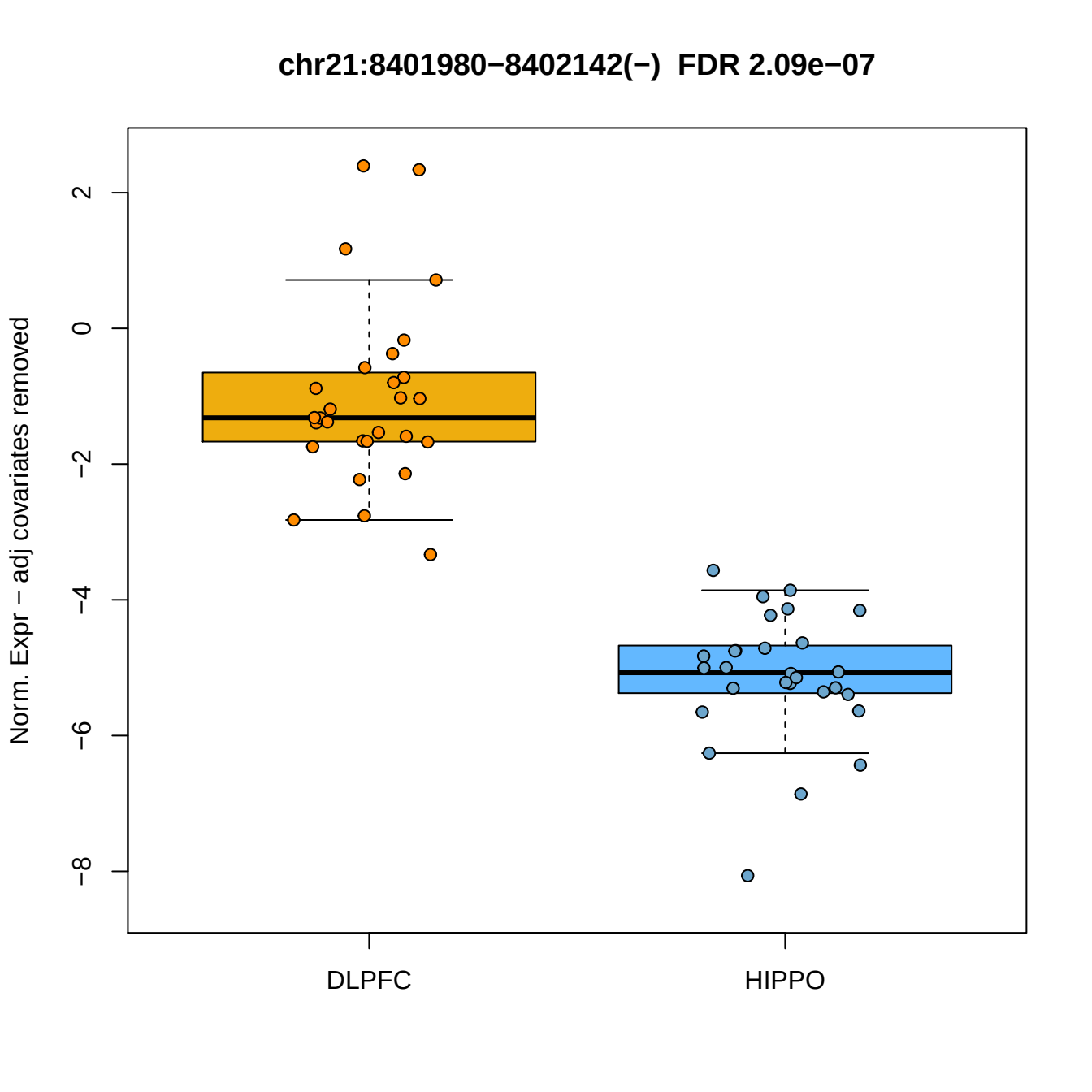

chrM:1288−1360(−)  FDR 1.75e−07
Norm. Expr − adj covariates removed
12
10
8
6
4
2
0
−2
DLPFC
HIPPO

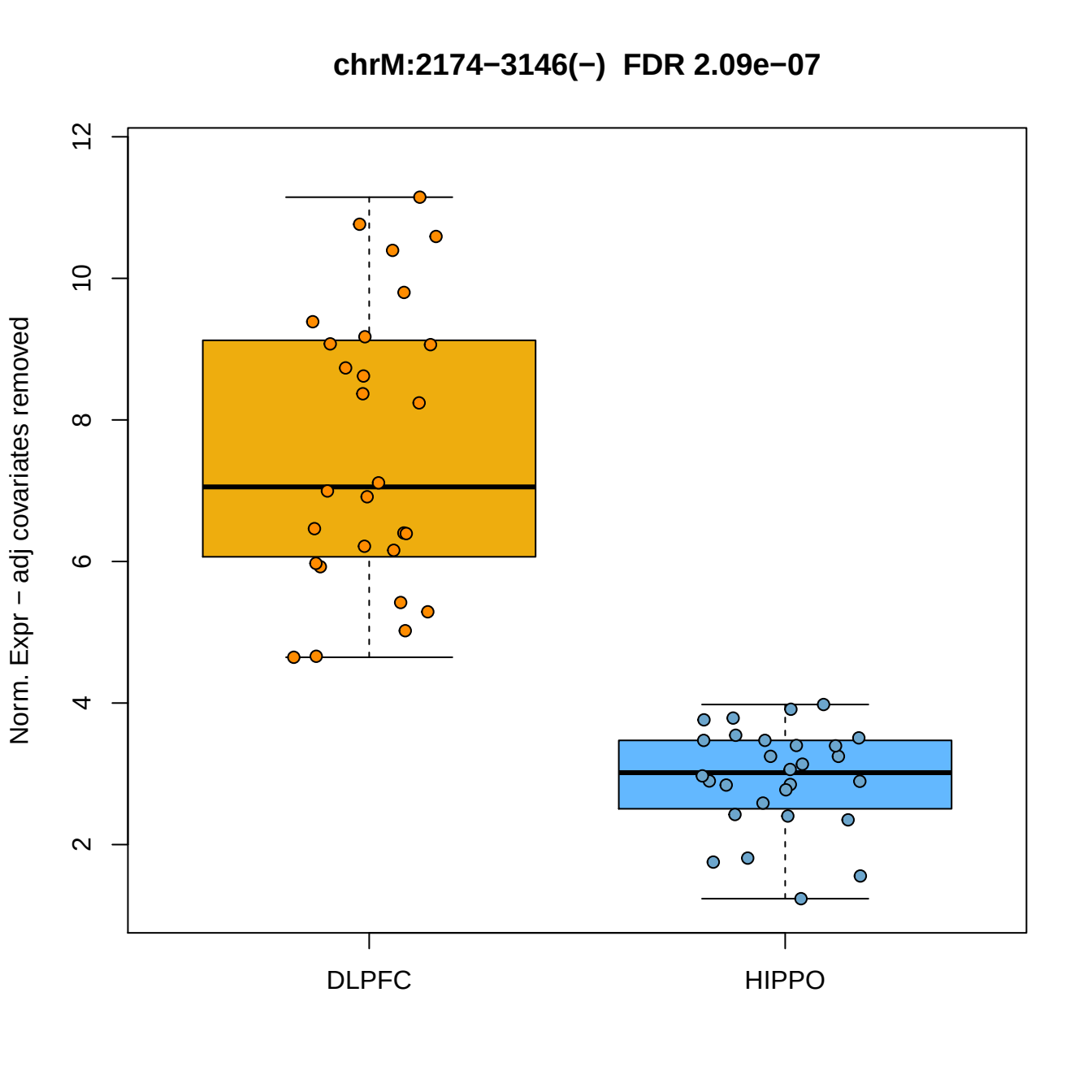

chr11:107650404−107654171(+) ELMOD1 FDR 1.78e−07
Norm. Expr − adj covariates removed
4
3
2
1
0
−1
DLPFC
HIPPO

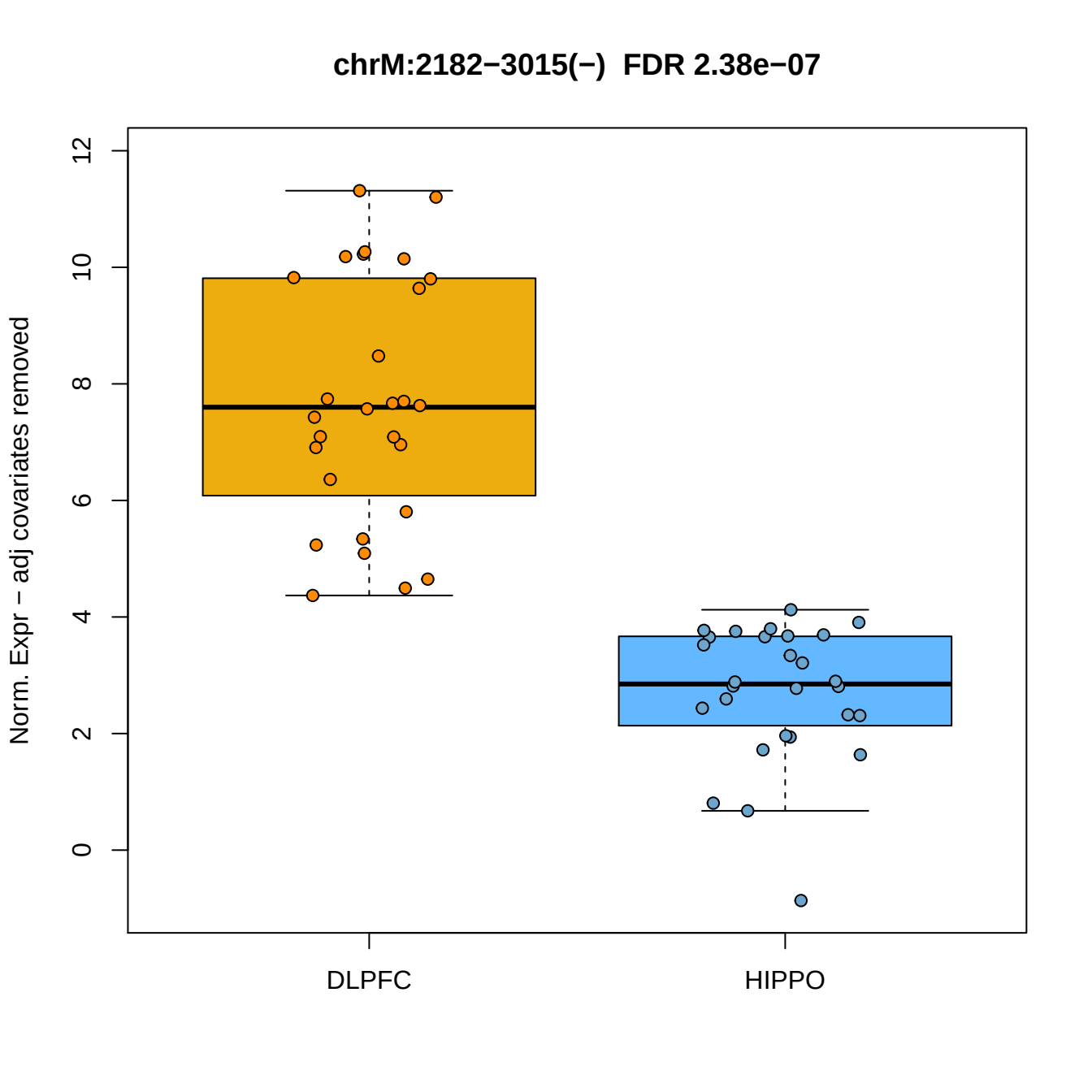

chrM:1147−1885(+)  FDR 1.78e−07
Norm. Expr − adj covariates removed
−2
−4
−6
−8
DLPFC
HIPPO

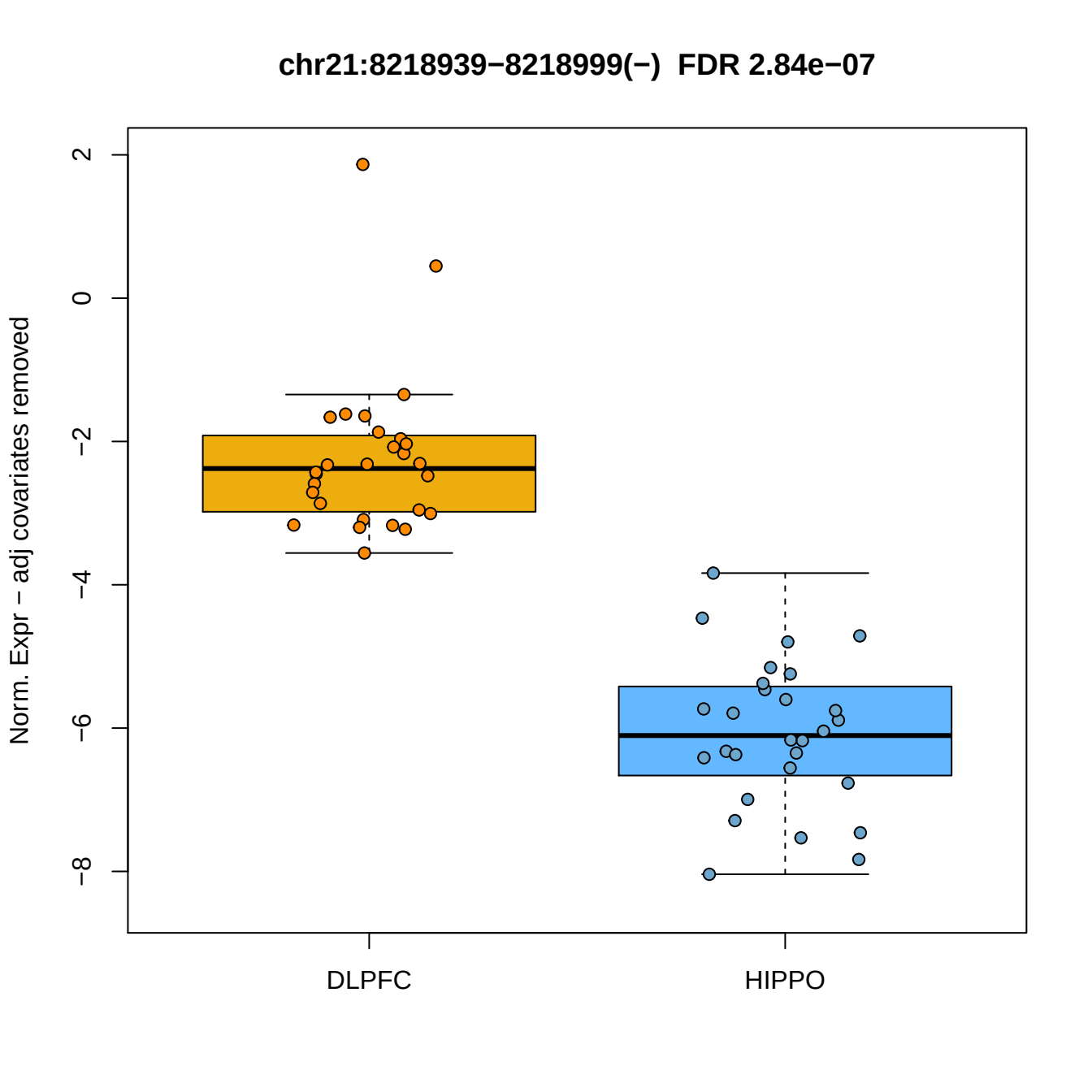

chrM:2610−2777(−)  FDR 1.93e−07
Norm. Expr − adj covariates removed
8
6
4
2
0
−2
DLPFC
HIPPO

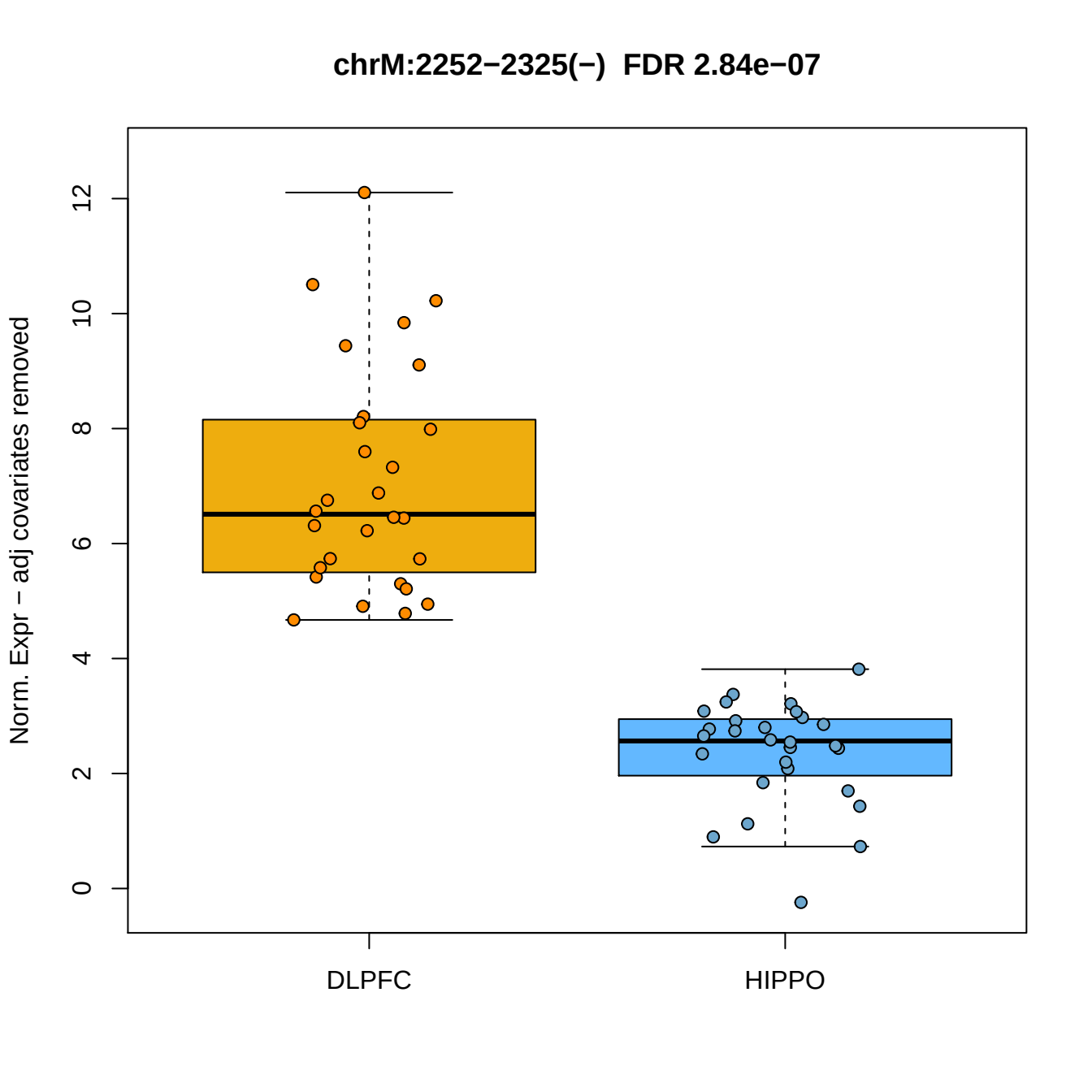

chr2:132254419−132255143(+)  FDR 2.09e−07
Norm. Expr − adj covariates removed
0
5
10
15
DLPFC
HIPPO

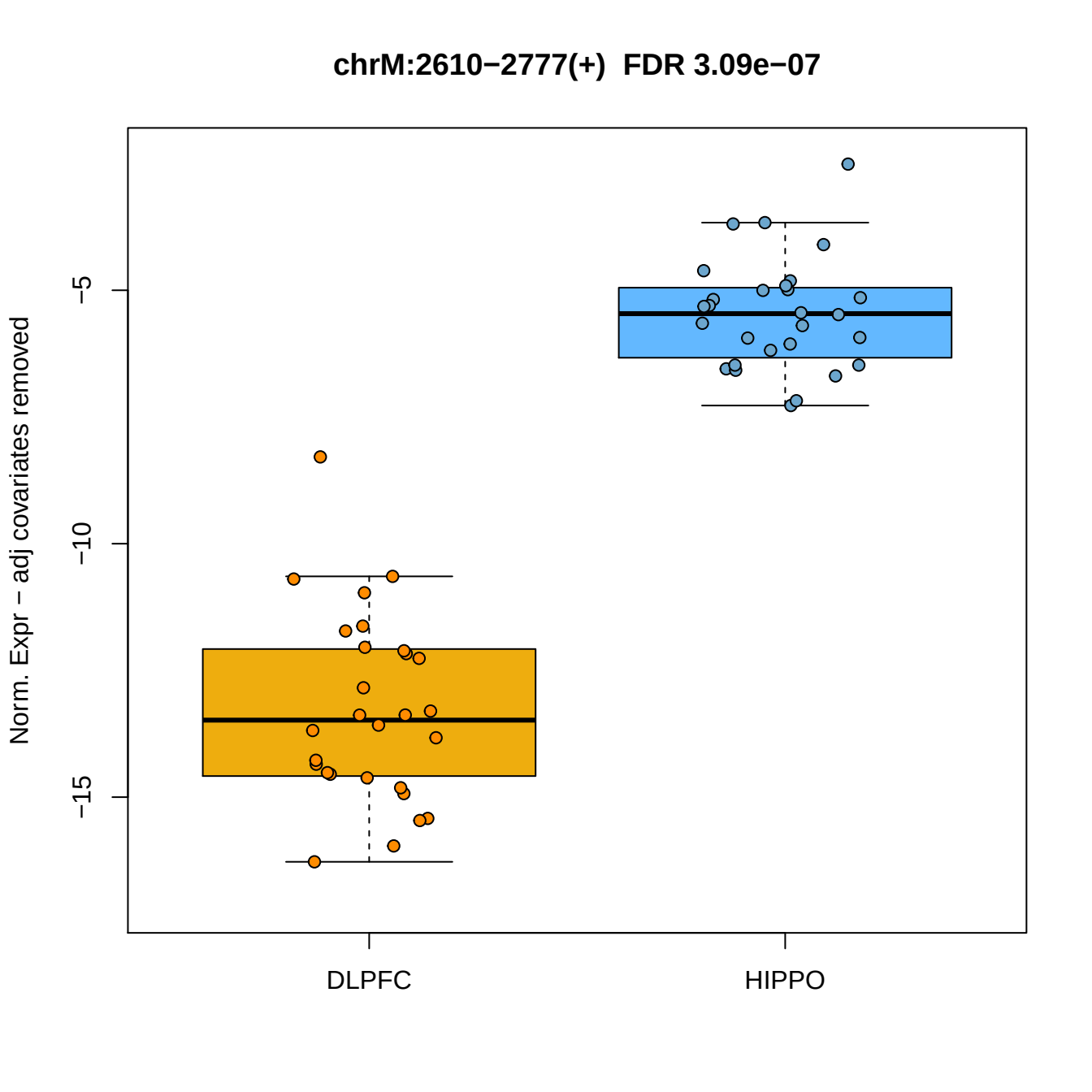

chr21:8401980−8402142(−) FDR 2.09e−07
Norm. Expr − adj covariates removed
2
0
−2
−4
−6
−8
DLPFC
HIPPO

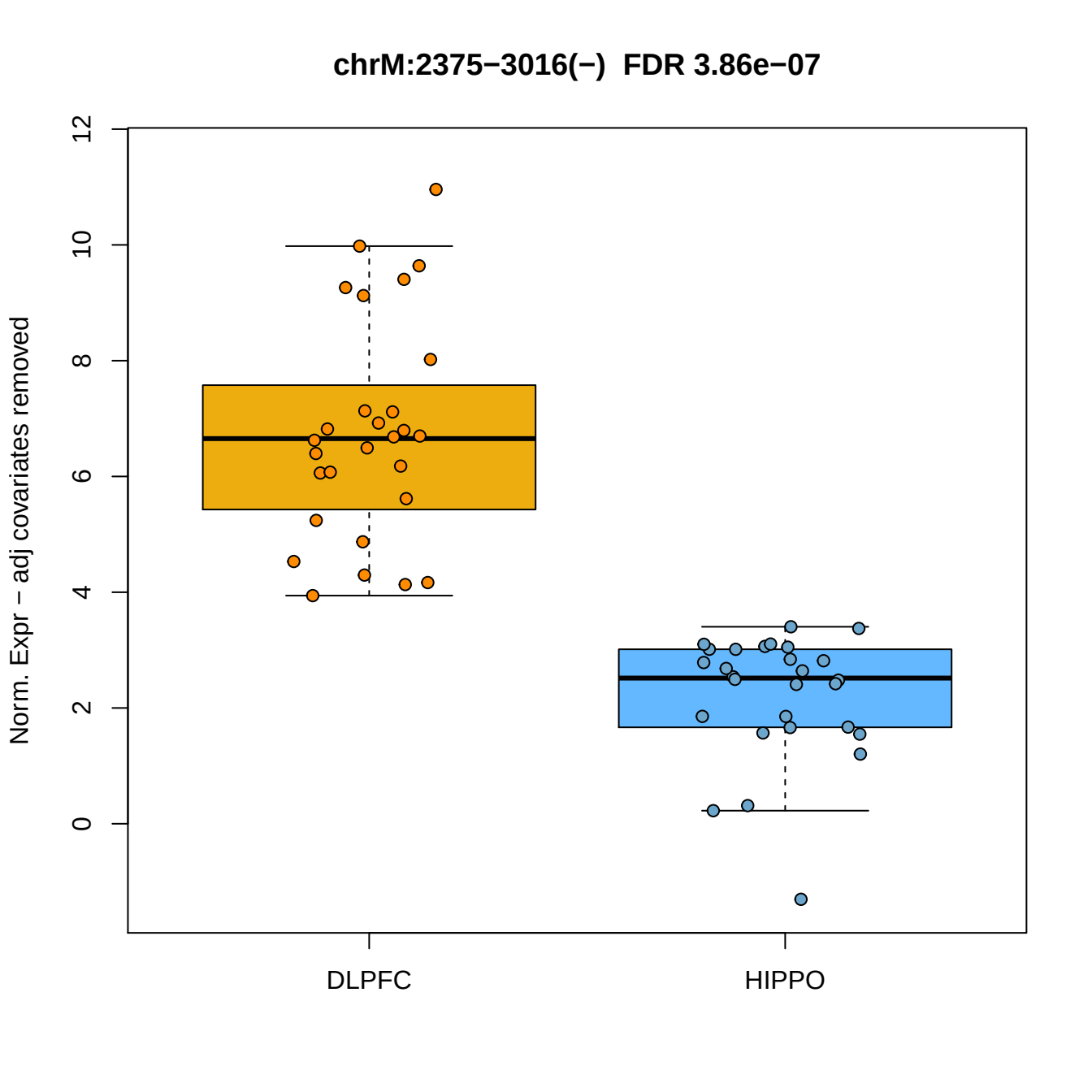

chrM:2174−3146(−)  FDR 2.09e−07
Norm. Expr − adj covariates removed
12
10
8
6
4
2
DLPFC
HIPPO

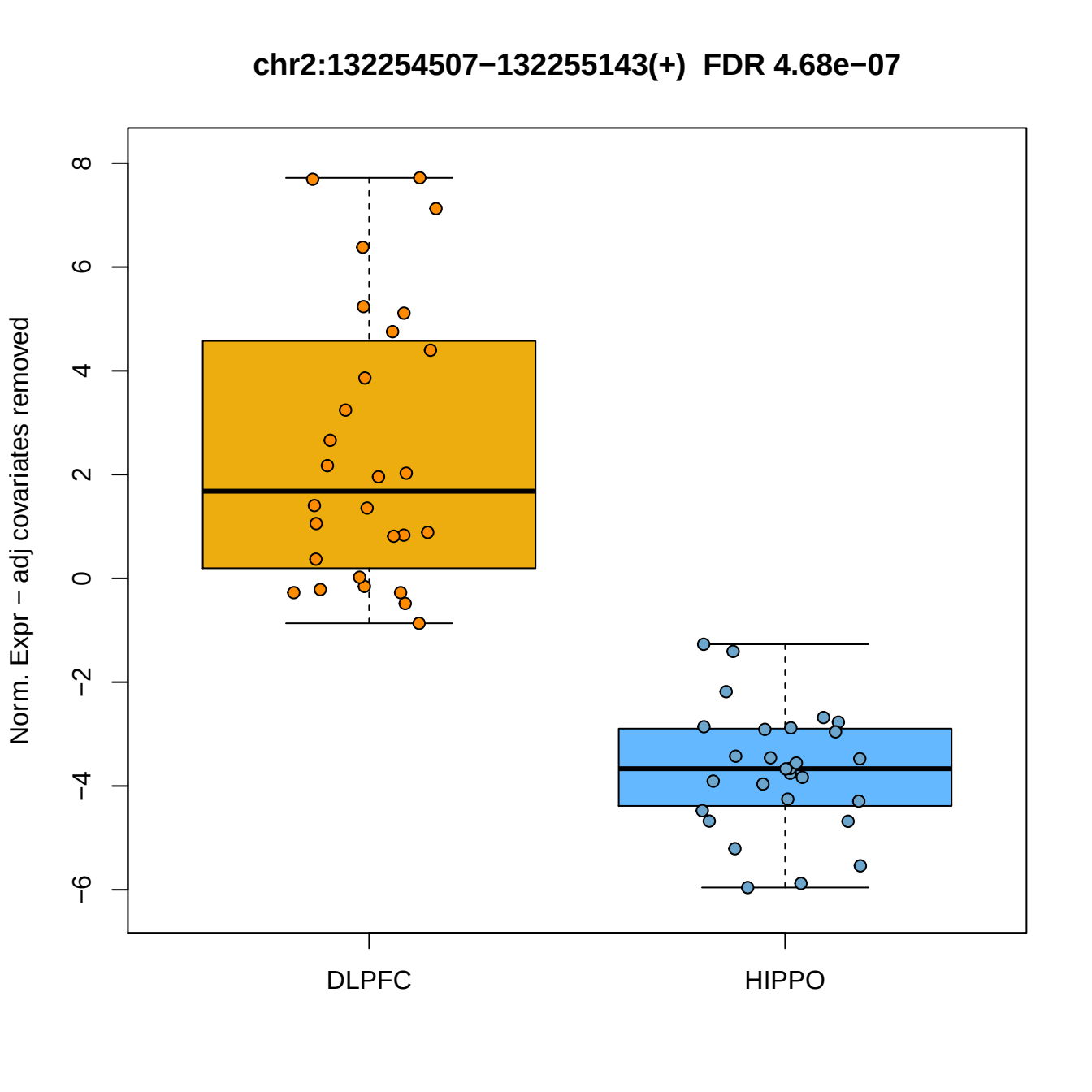

chrM:2182−3015(−)  FDR 2.38e−07
Norm. Expr − adj covariates removed
12
10
8
6
4
2
0
DLPFC
HIPPO

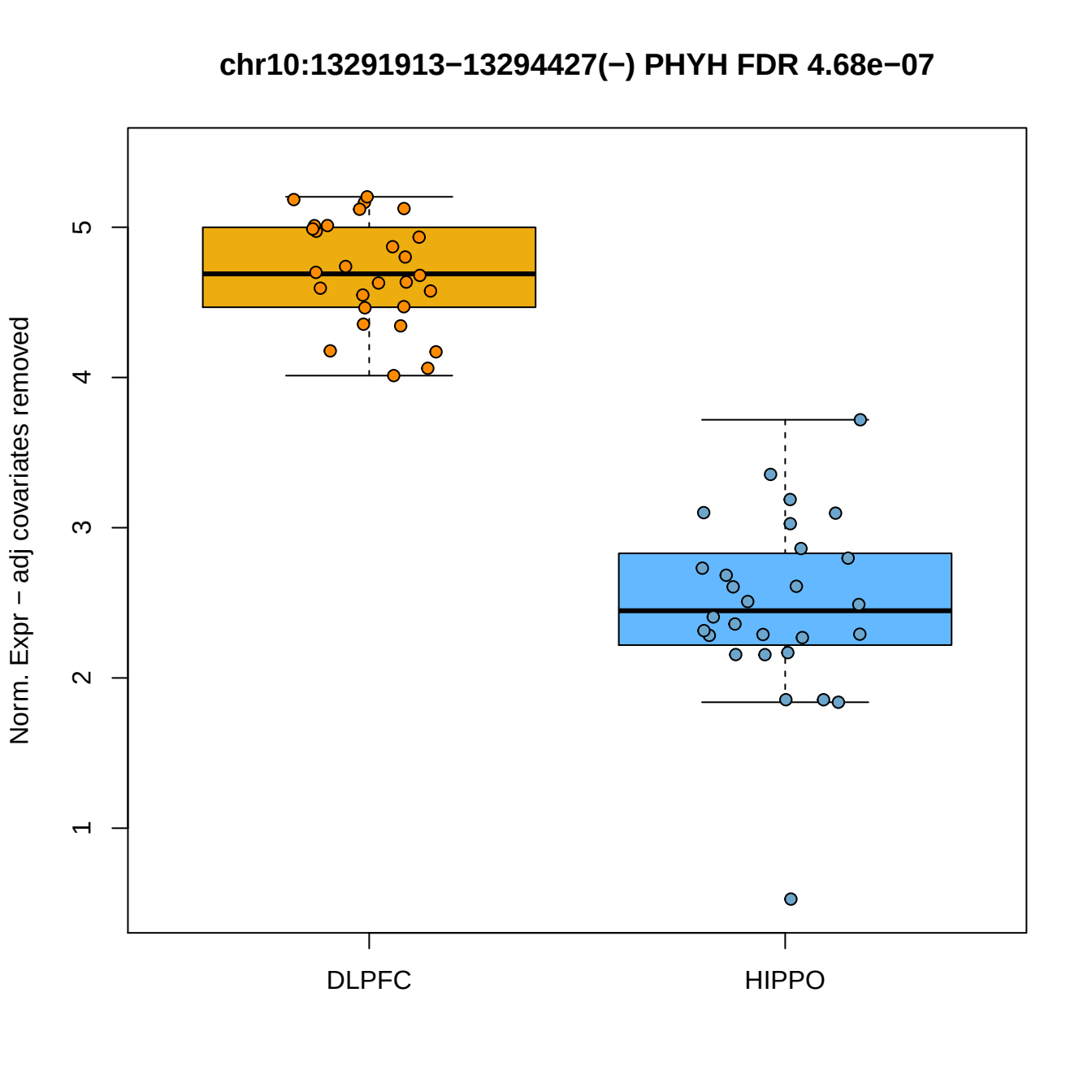

chr21:8218939−8218999(−) FDR 2.84e−07
Norm. Expr − adj covariates removed
2
0
−2
−4
−6
−8
DLPFC
HIPPO

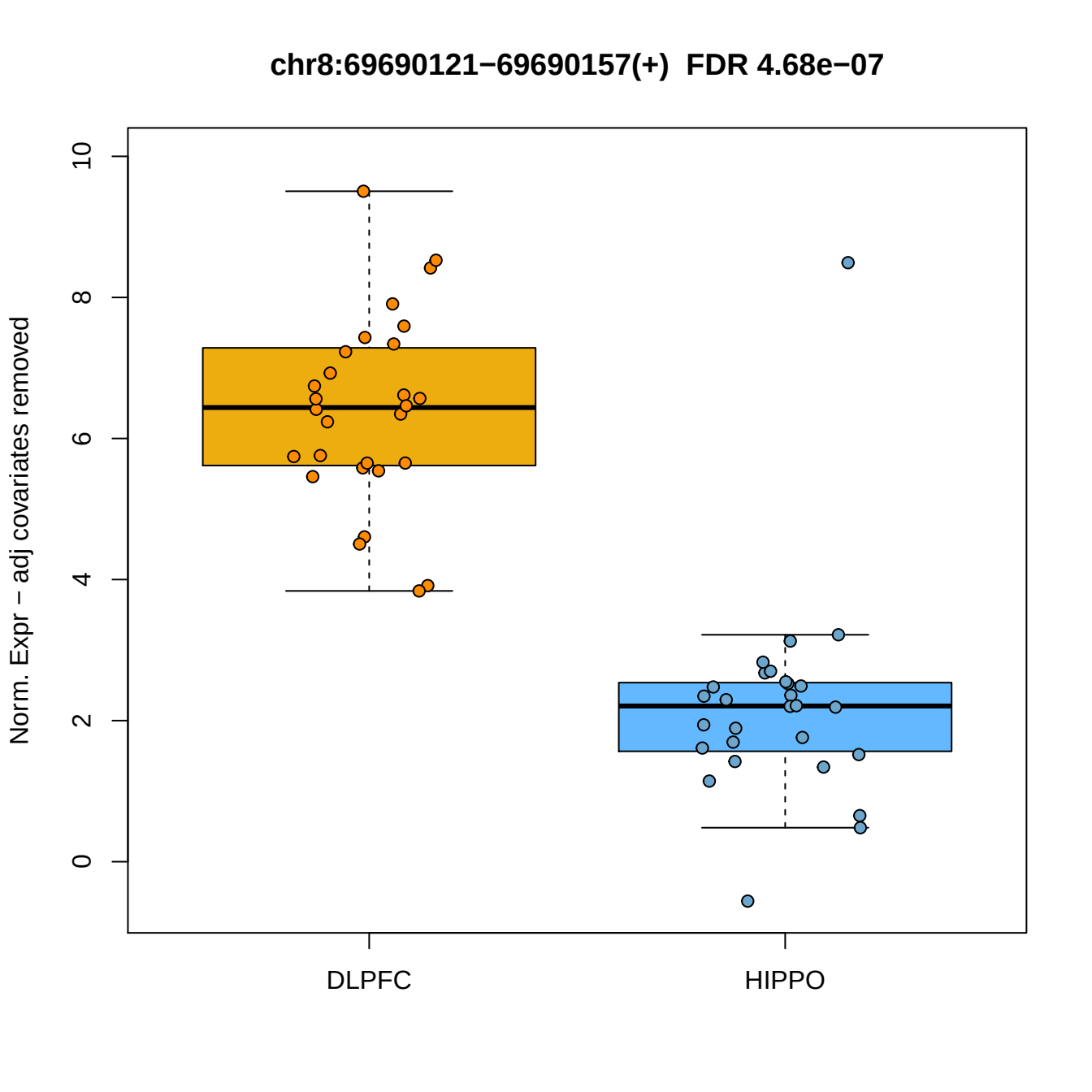

chrM:2252−2325(−)  FDR 2.84e−07
Norm. Expr − adj covariates removed
0
2
4
6
8
10
12
DLPFC
HIPPO

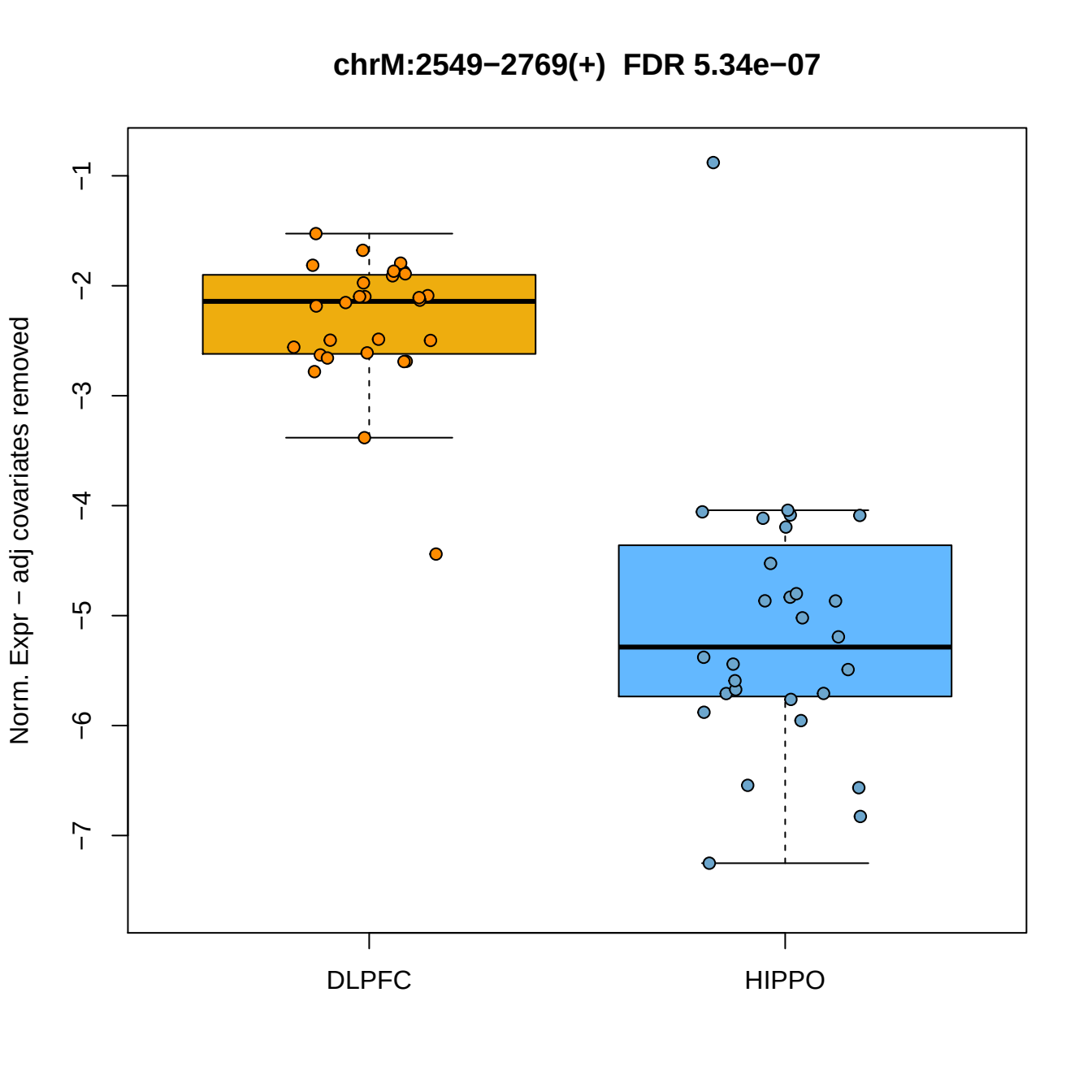

chrM:2610−2777(+)  FDR 3.09e−07
Norm. Expr − adj covariates removed
−5
−10
−15
DLPFC
HIPPO

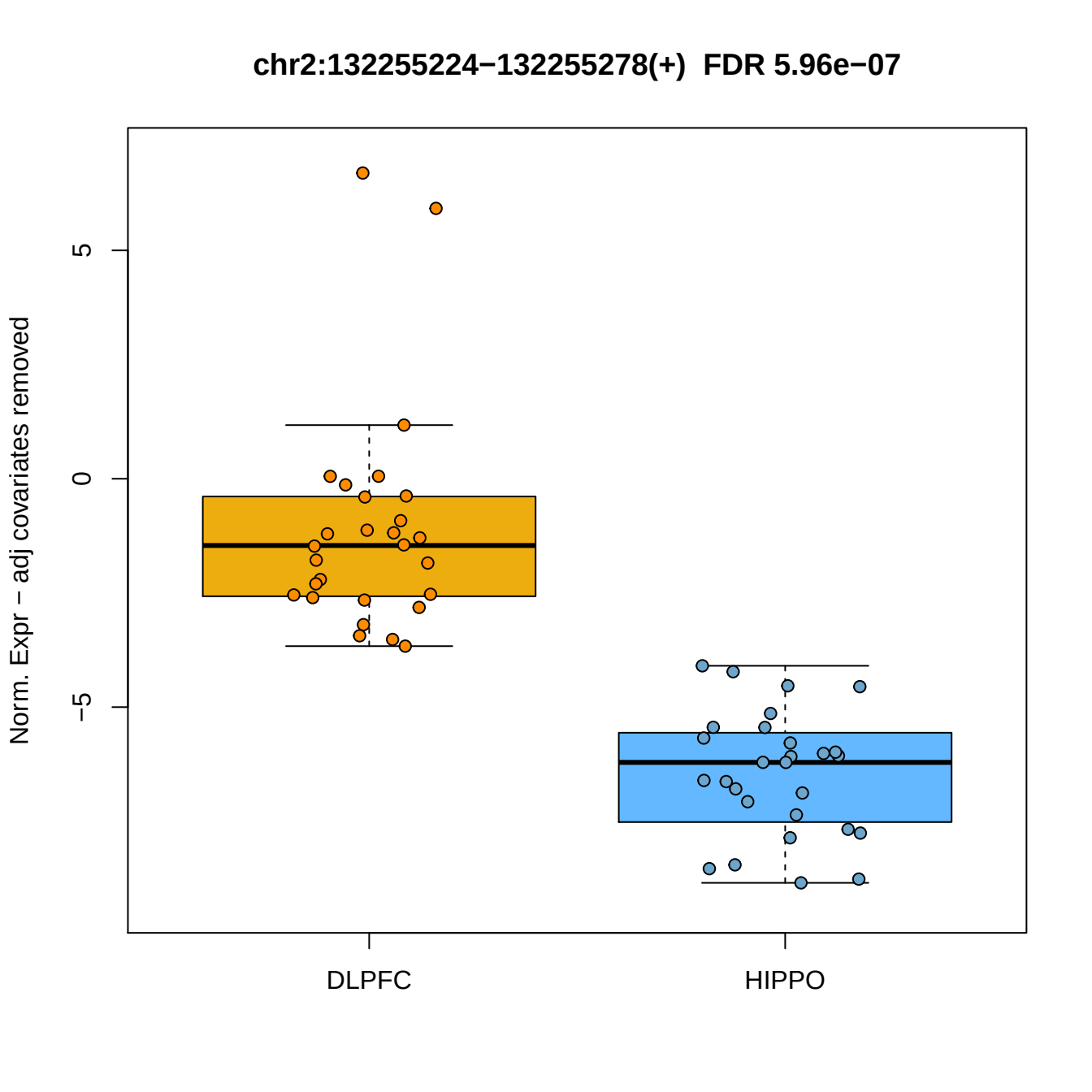

chrM:2375−3016(−)  FDR 3.86e−07
Norm. Expr − adj covariates removed
12
10
8
6
4
2
0
DLPFC
HIPPO

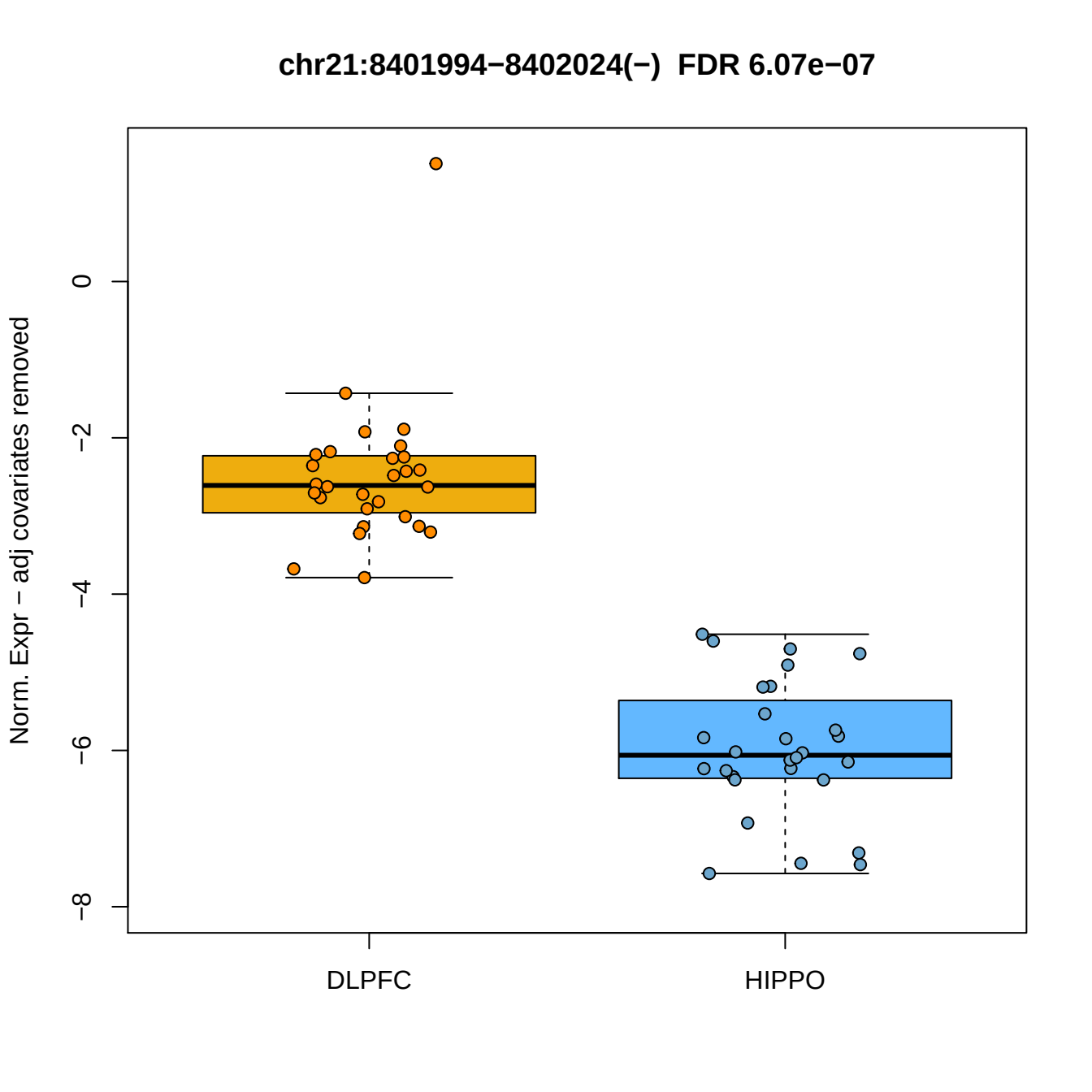

chr2:132254507−132255143(+)  FDR 4.68e−07
Norm. Expr − adj covariates removed
8
6
4
2
0
−2
−4
−6
DLPFC
HIPPO

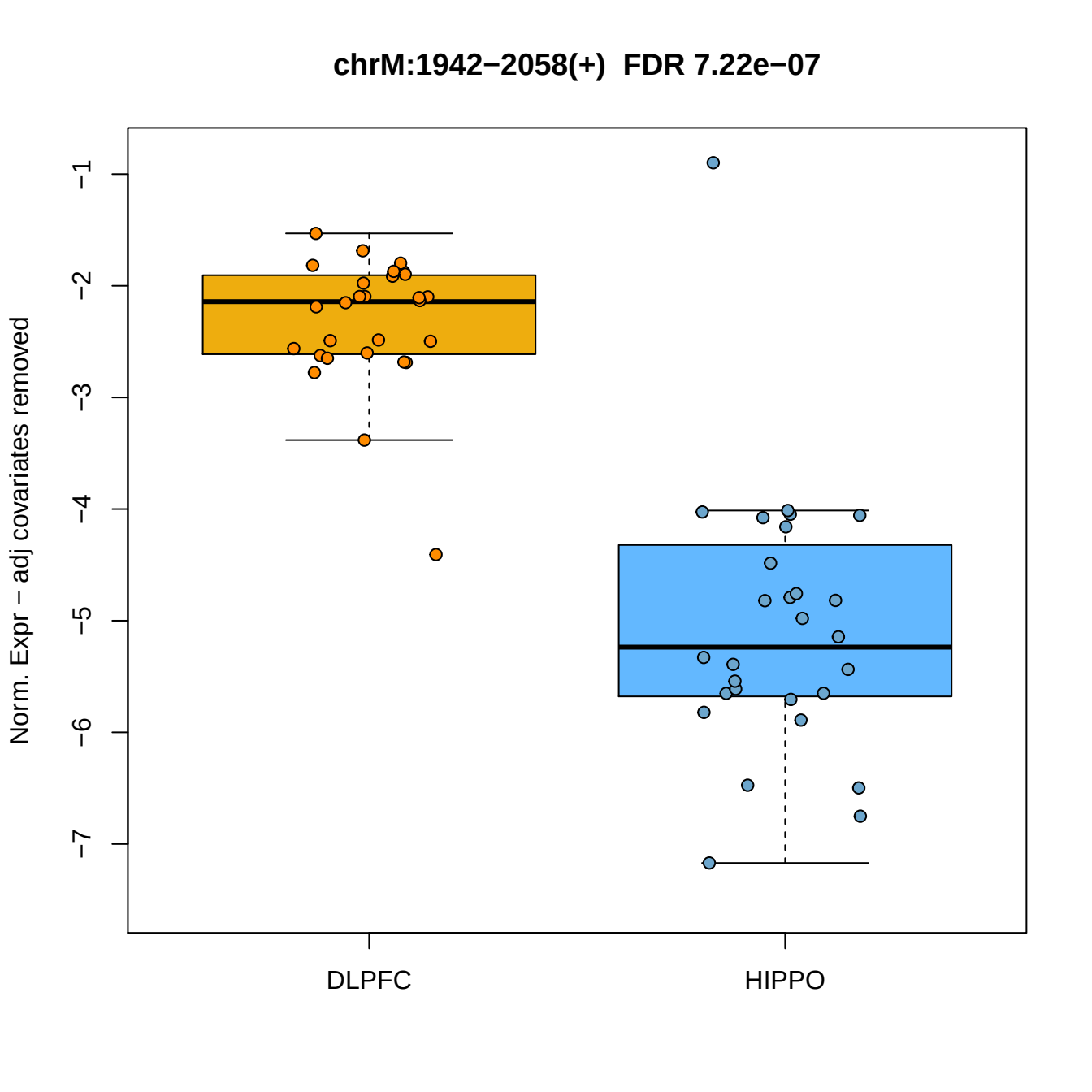

chr10:13291913−13294427(−) PHYH FDR 4.68e−07
Norm. Expr − adj covariates removed
1
2
3
4
5
DLPFC
HIPPO

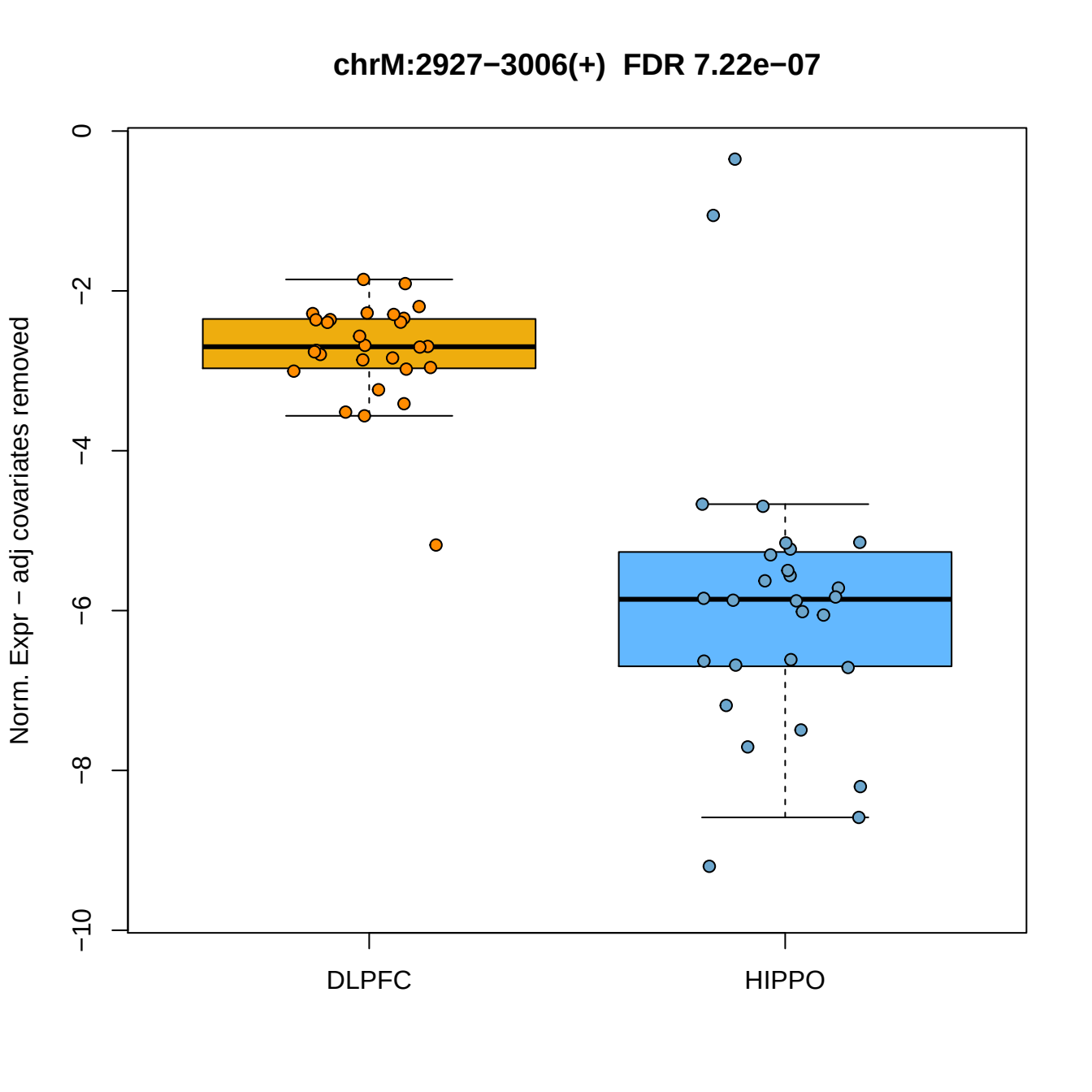

chr8:69690121−69690157(+) FDR 4.68e−07
Norm. Expr − adj covariates removed
0
2
4
6
8
10
DLPFC
HIPPO

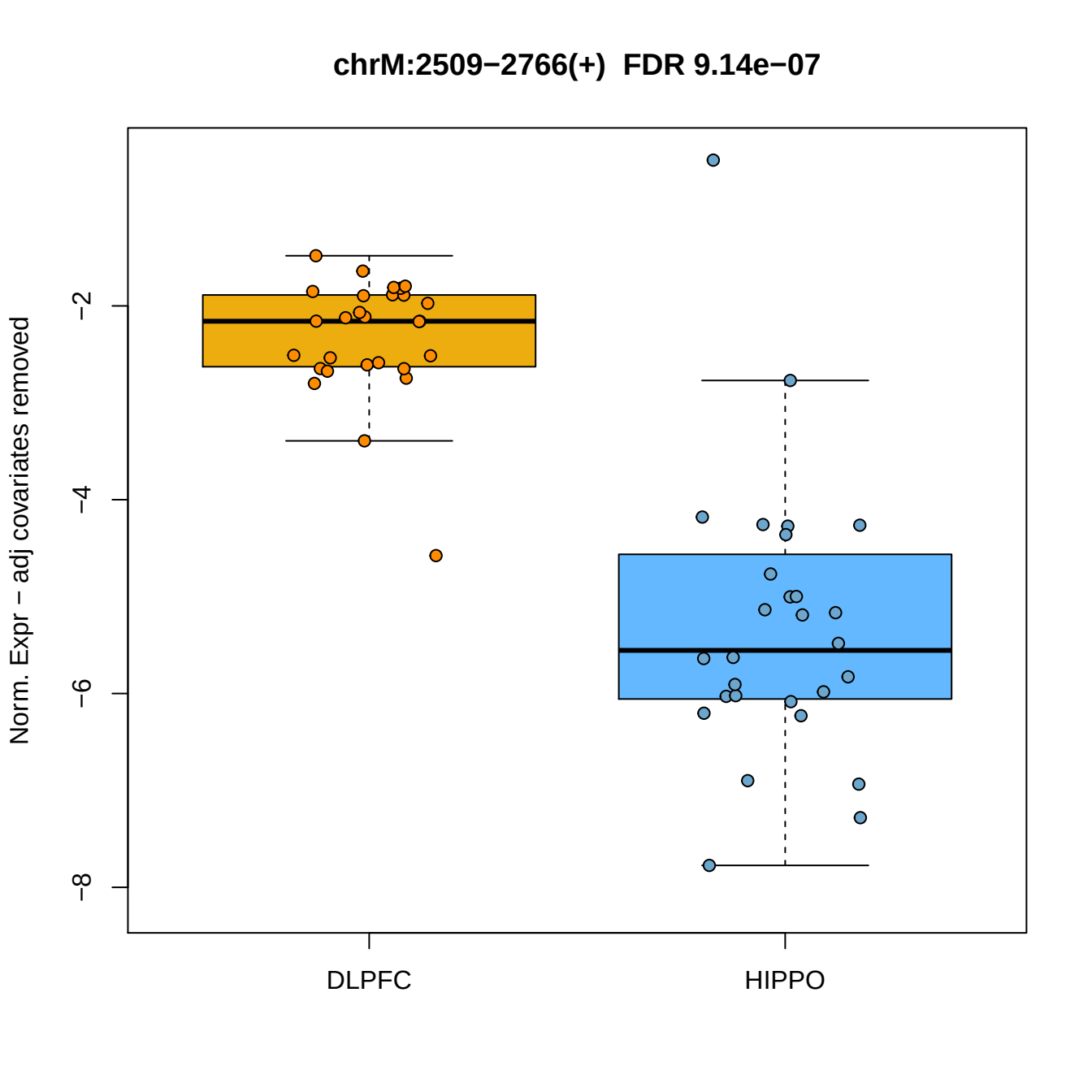

chrM:2549−2769(+)  FDR 5.34e−07
Norm. Expr − adj covariates removed
−1
−2
−3
−4
−5
−6
−7
DLPFC
HIPPO

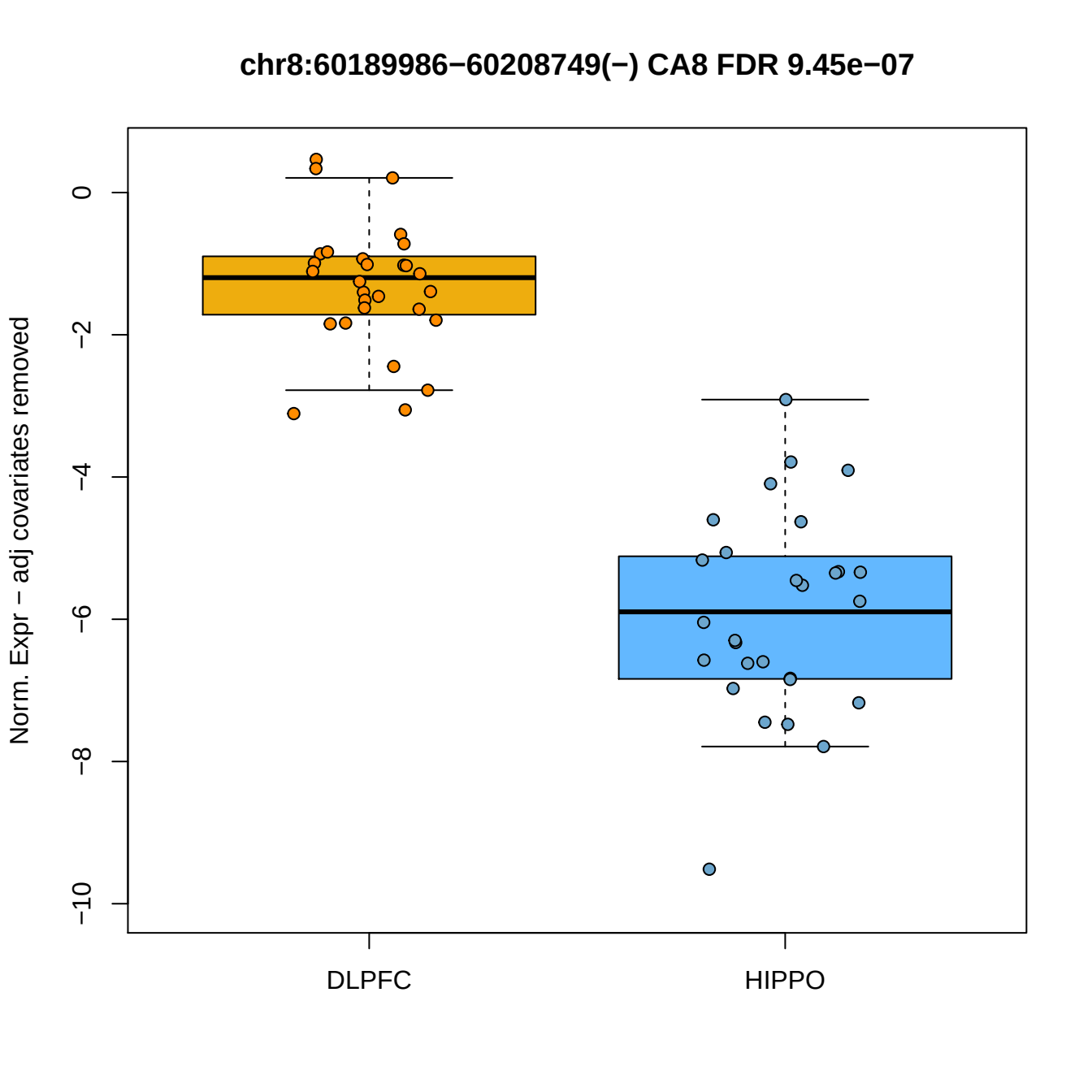

chr2:132255224−132255278(+)  FDR 5.96e−07
Norm. Expr − adj covariates removed
5
0
−5
DLPFC
HIPPO

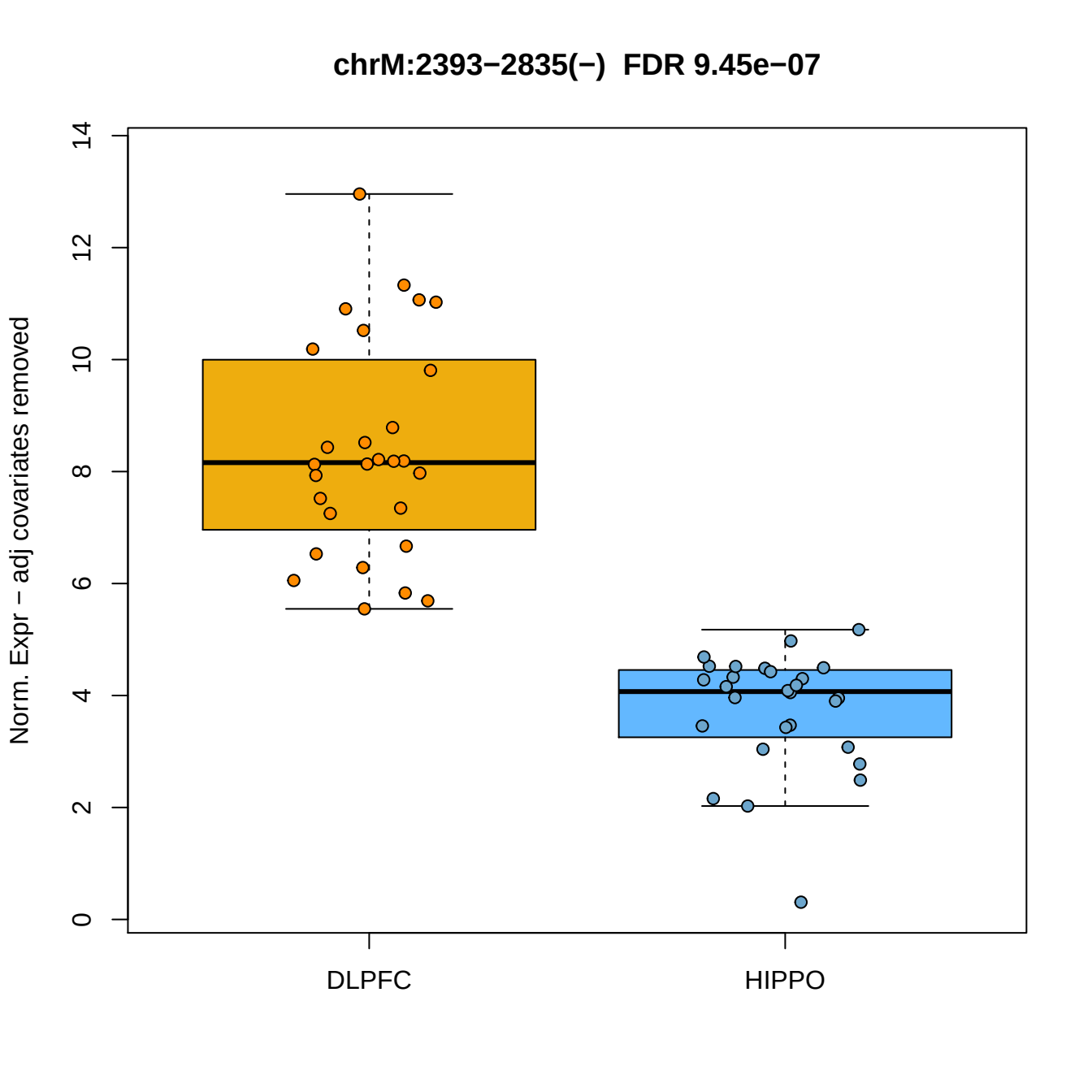

chr21:8401994−8402024(−)  FDR 6.07e−07
Norm. Expr − adj covariates removed
0
−2
−4
−6
−8
DLPFC
HIPPO

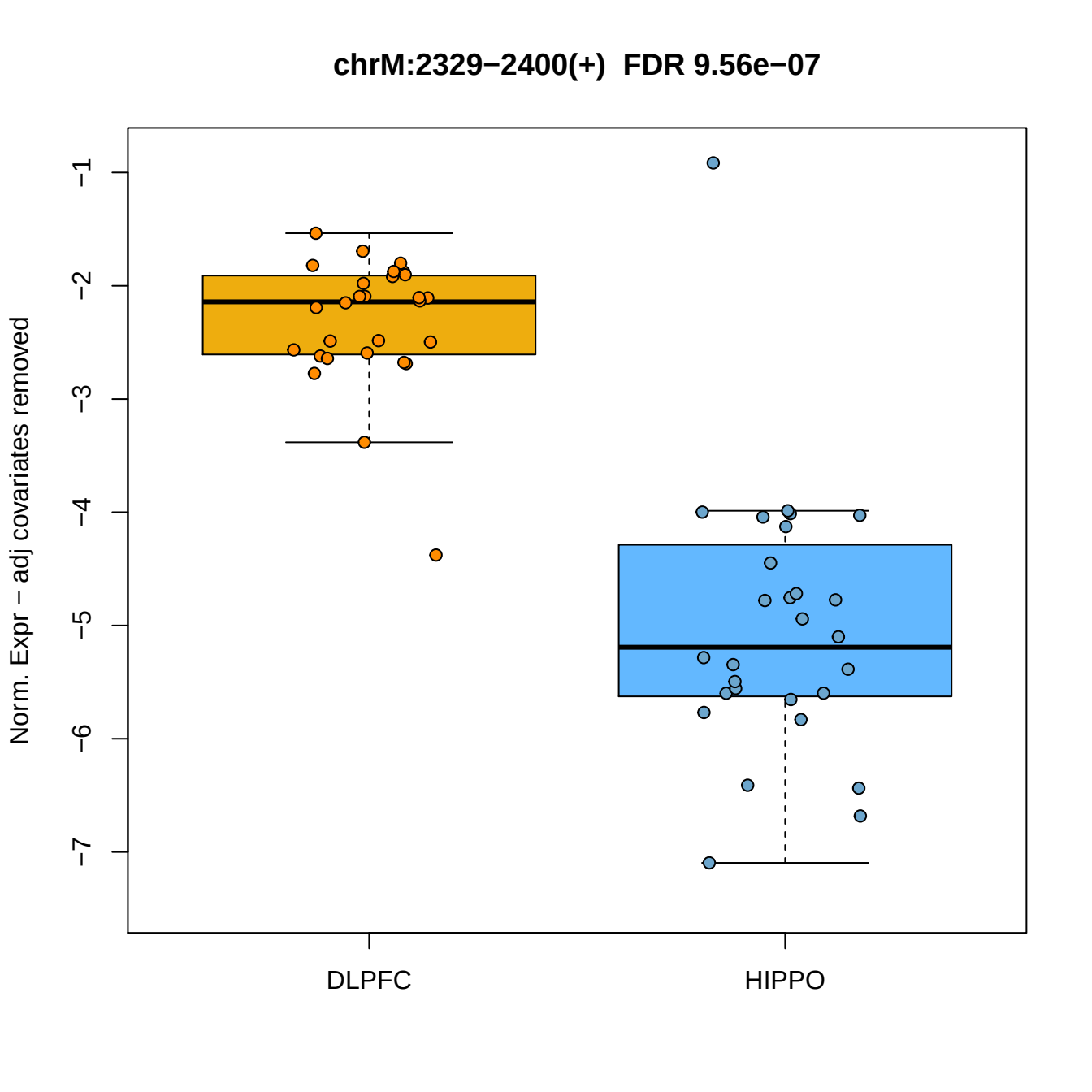

chrM:1942−2058(+) FDR 7.22e−07
Norm. Expr − adj covariates removed
−1
−2
−3
−4
−5
−6
−7
DLPFC
HIPPO

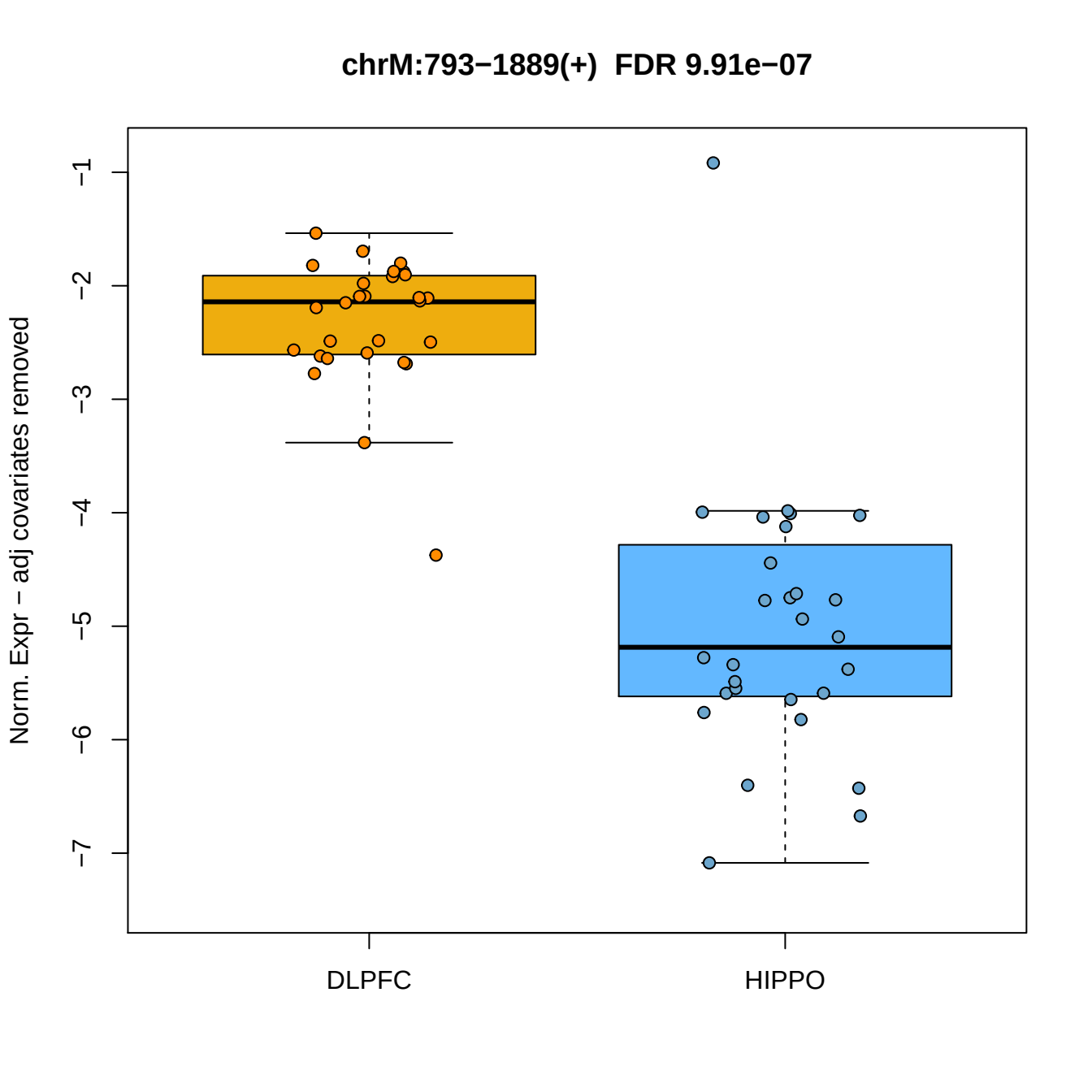

chrM:2927−3006(+)  FDR 7.22e−07
Norm. Expr − adj covariates removed
0
−2
−4
−6
−8
−10
DLPFC
HIPPO

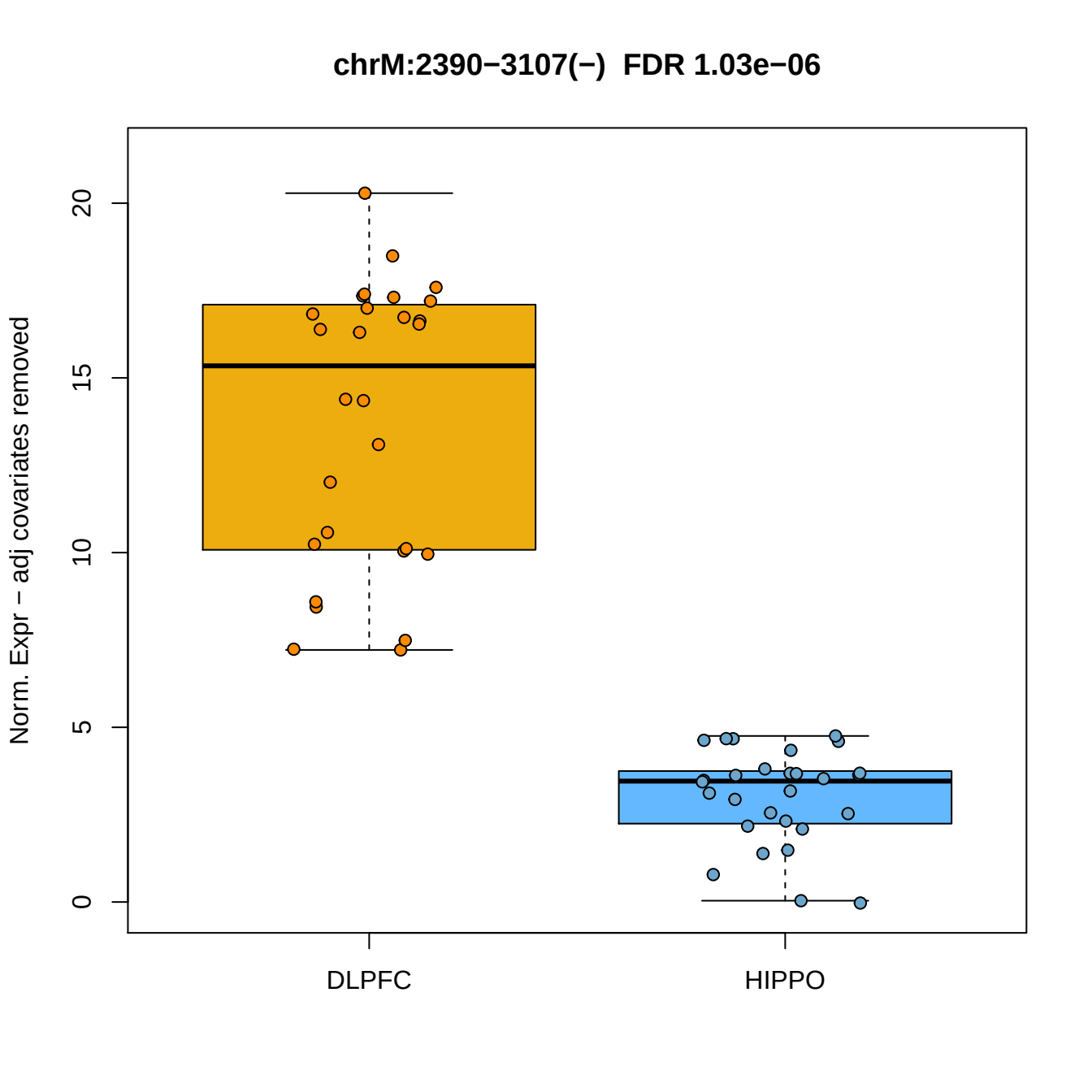

chrM:2509−2766(+)  FDR 9.14e−07
Norm. Expr − adj covariates removed
−2
−4
−6
−8
DLPFC
HIPPO

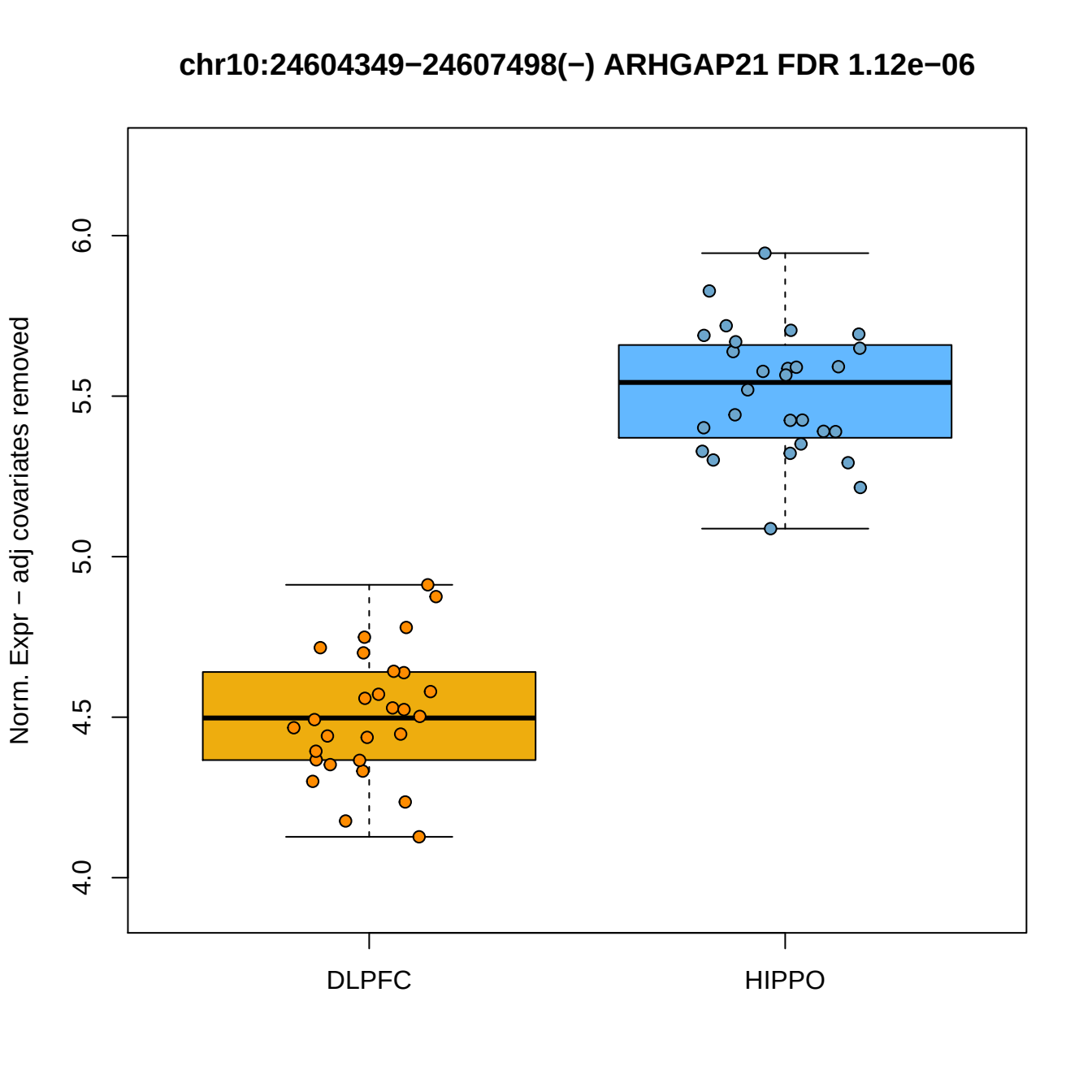

chr8:60189986−60208749(−) CA8 FDR 9.45e−07
Norm. Expr − adj covariates removed
0
−2
−4
−6
−8
−10
DLPFC
HIPPO

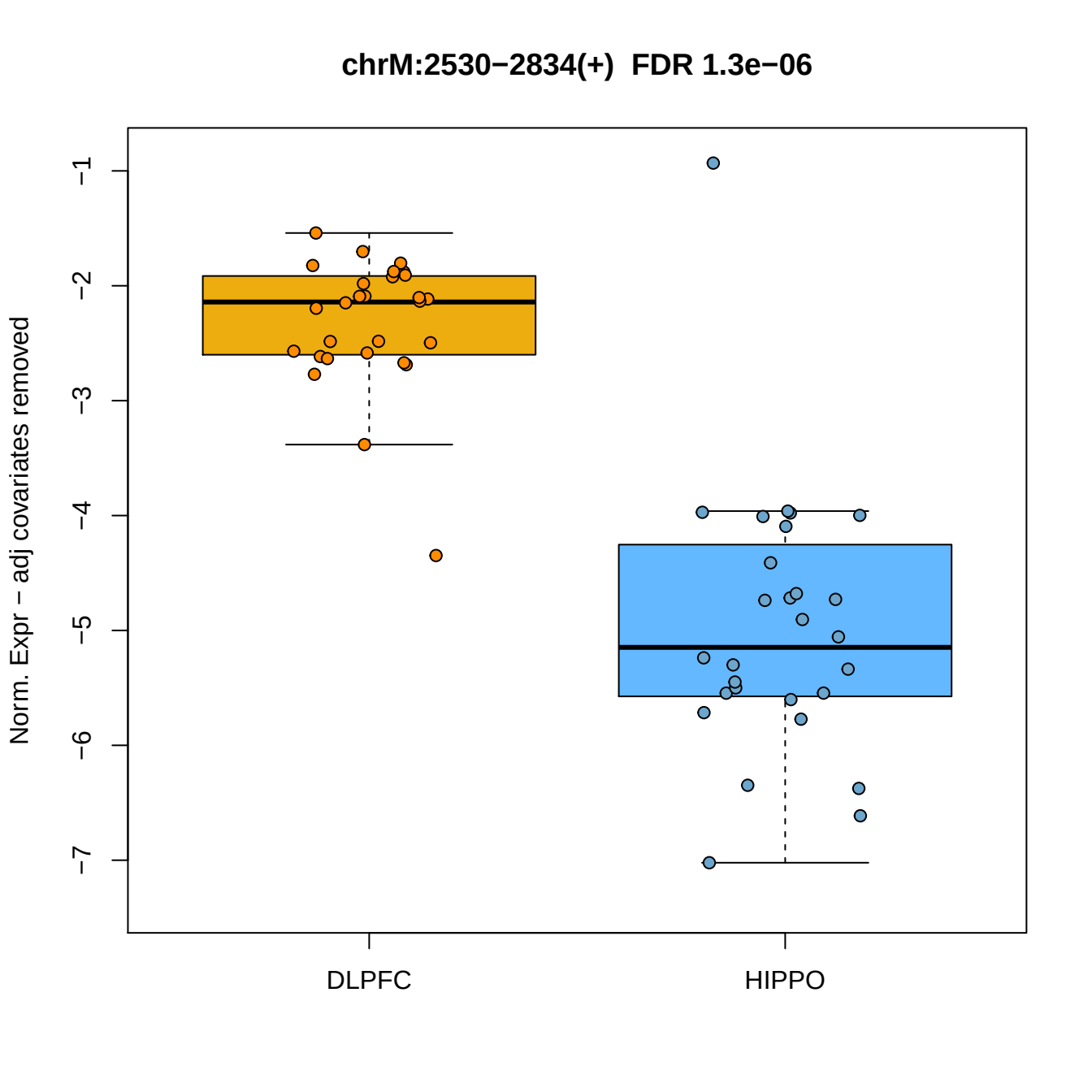

chrM:2393−2835(−)  FDR 9.45e−07
Norm. Expr − adj covariates removed
0
2
4
6
8
10
12
14
DLPFC
HIPPO

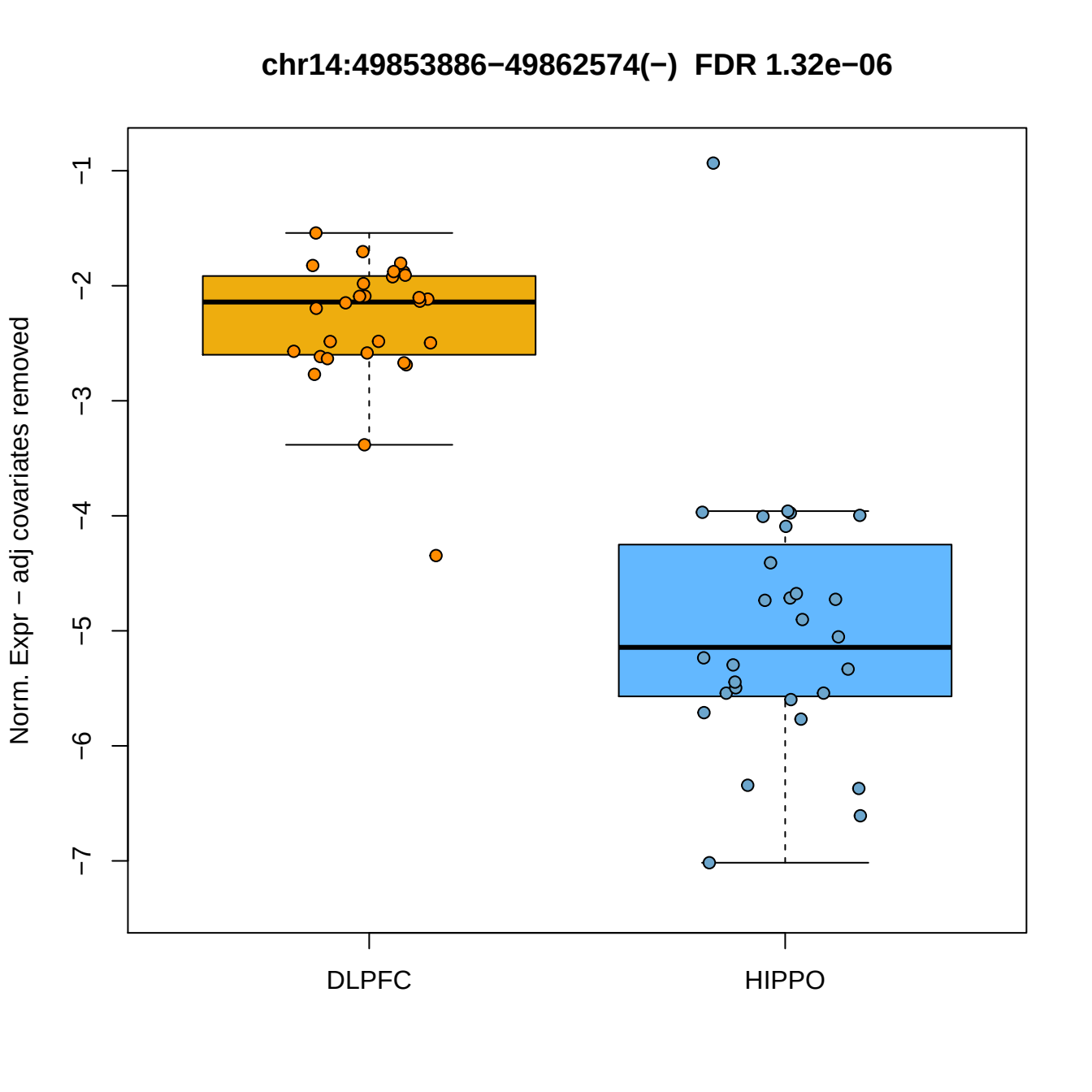

chrM:2329−2400(+)  FDR 9.56e−07
Norm. Expr − adj covariates removed
−1
−2
−3
−4
−5
−6
−7
DLPFC
HIPPO

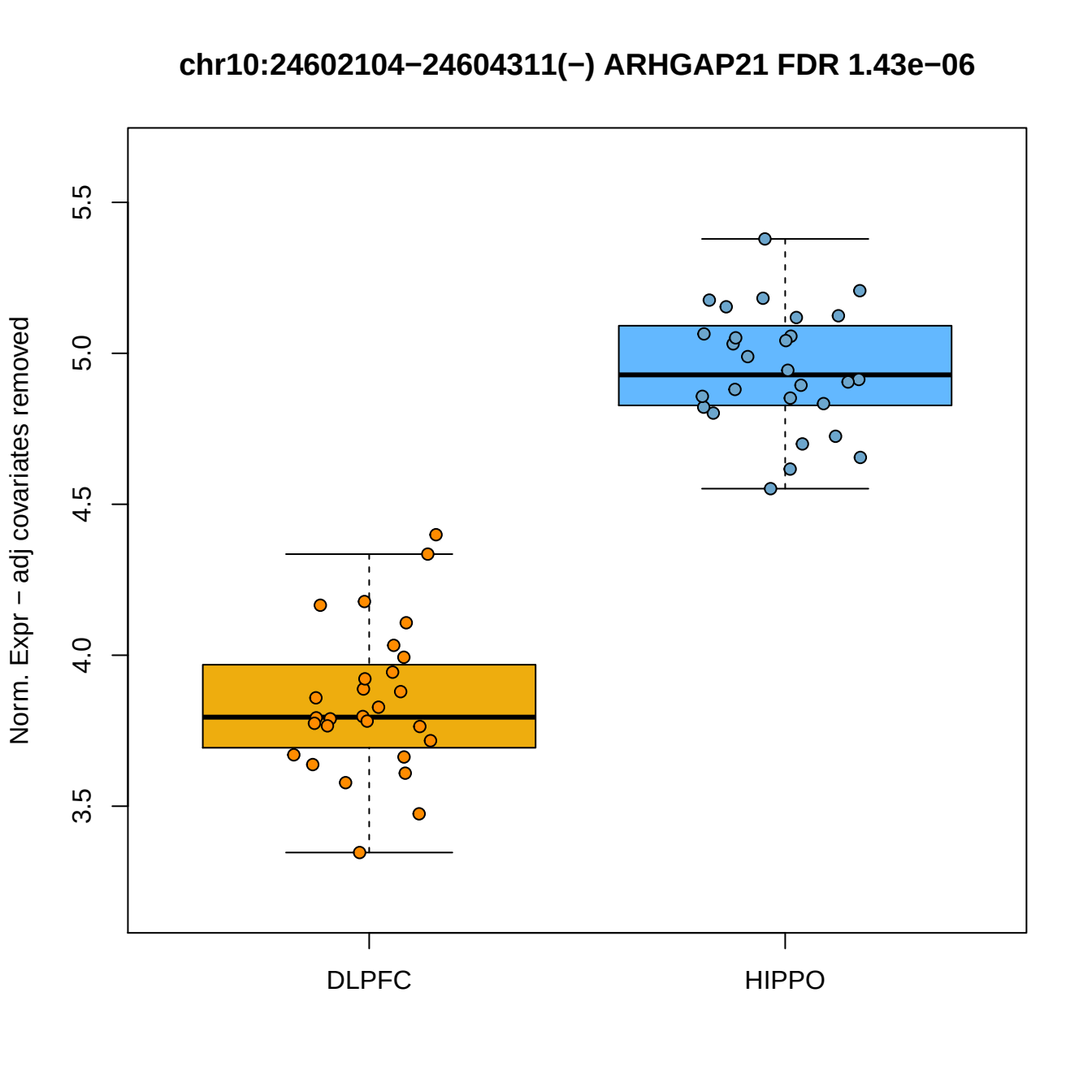

chrM:793−1889(+)  FDR 9.91e−07
Norm. Expr − adj covariates removed
−1
−2
−3
−4
−5
−6
−7
DLPFC
HIPPO

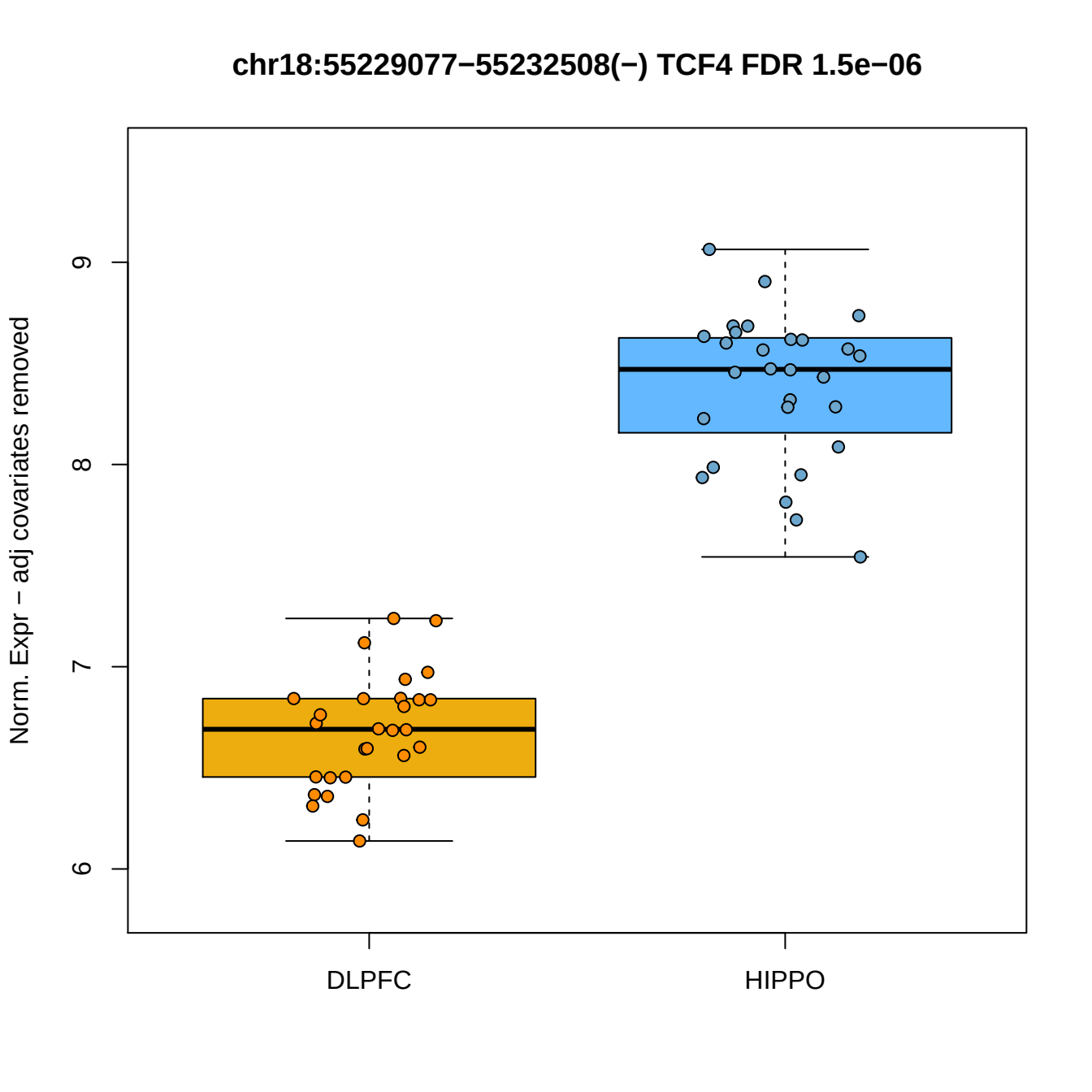

chrM:2390−3107(−)  FDR 1.03e−06
Norm. Expr − adj covariates removed
0
5
10
15
20
DLPFC
HIPPO

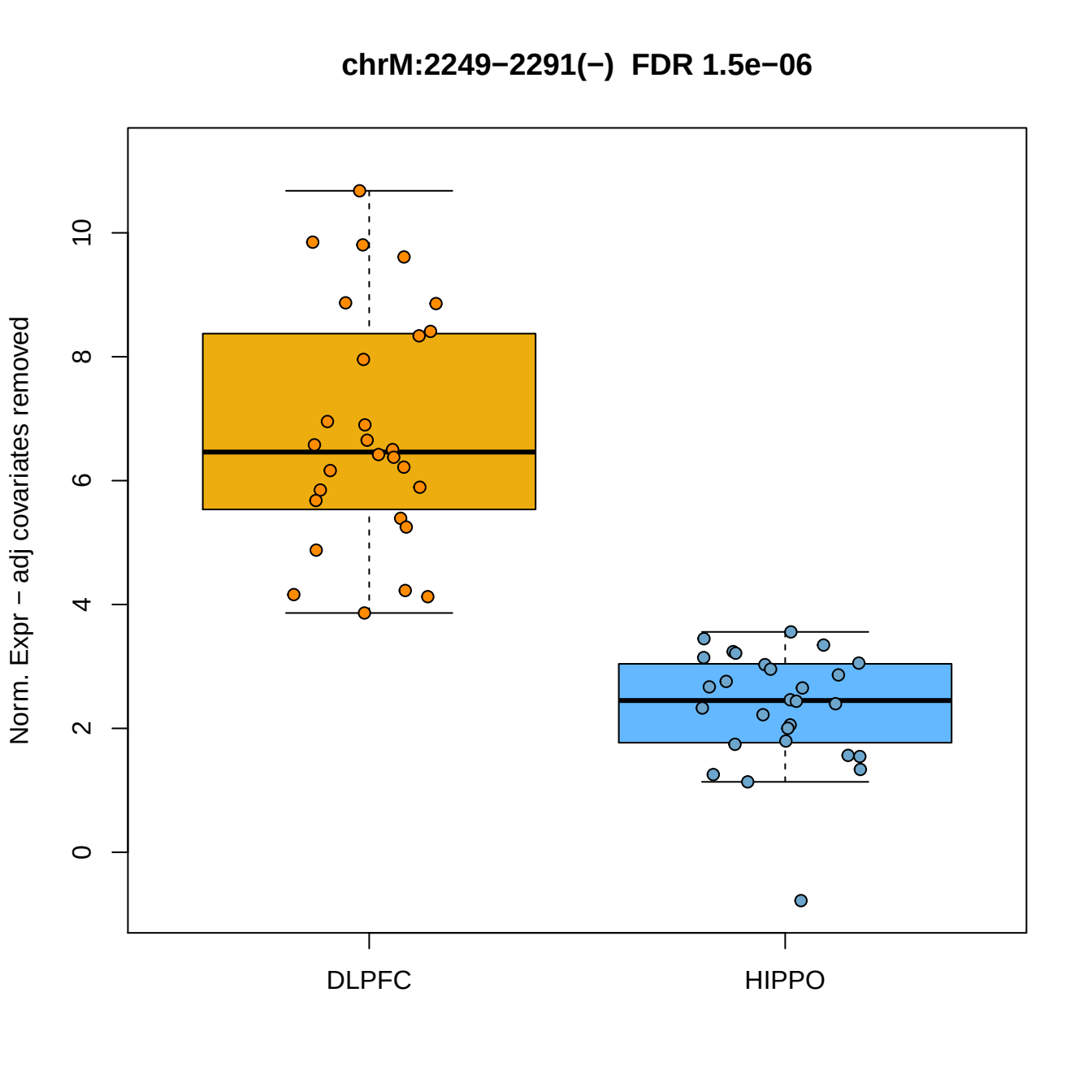

chr10:24604349−24607498(−) ARHGAP21 FDR 1.12e−06
Norm. Expr − adj covariates removed
6.0
5.5
5.0
4.5
4.0
DLPFC
HIPPO

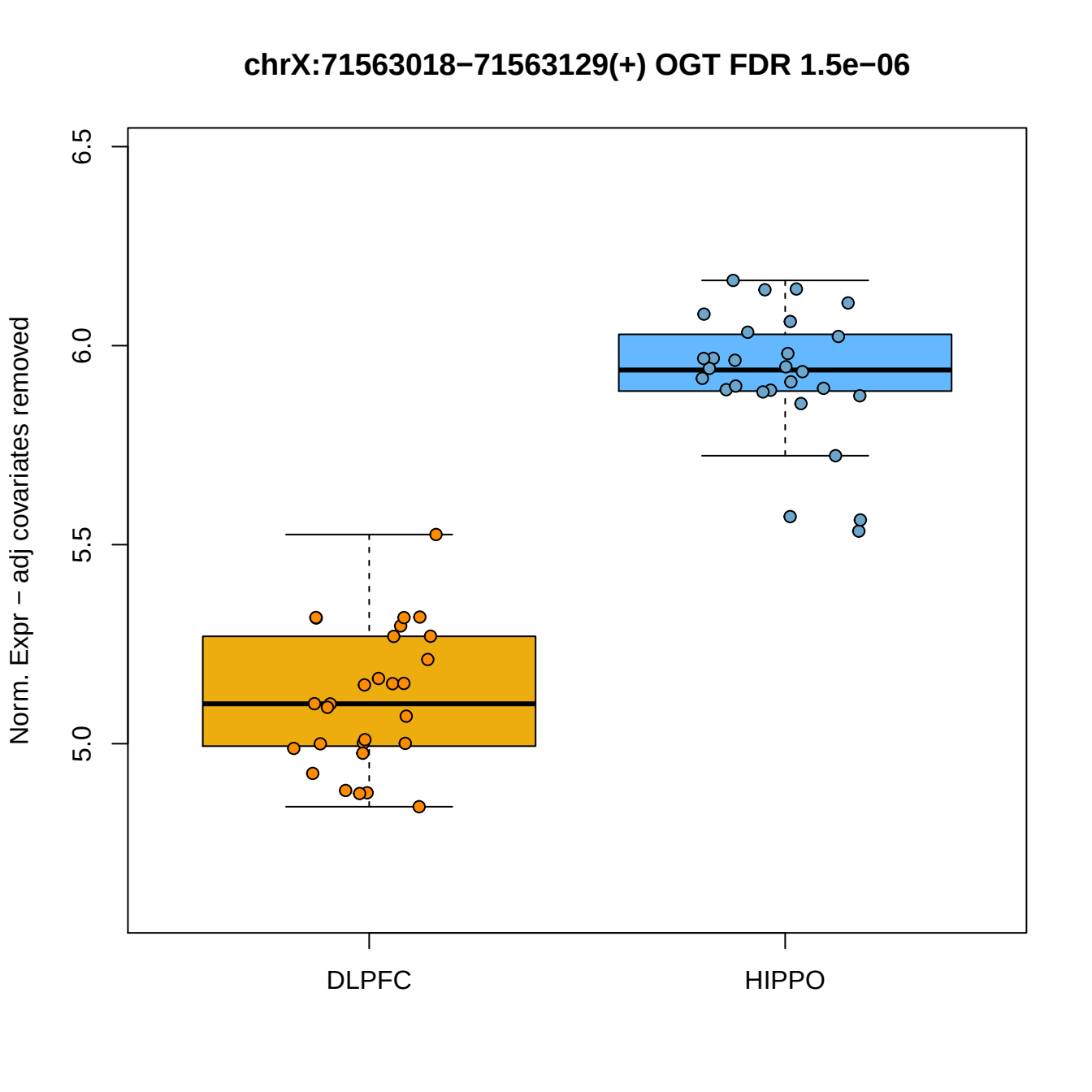

chrM:2530−2834(+) FDR 1.3e−06
Norm. Expr − adj covariates removed
−1
−2
−3
−4
−5
−6
−7
DLPFC
HIPPO

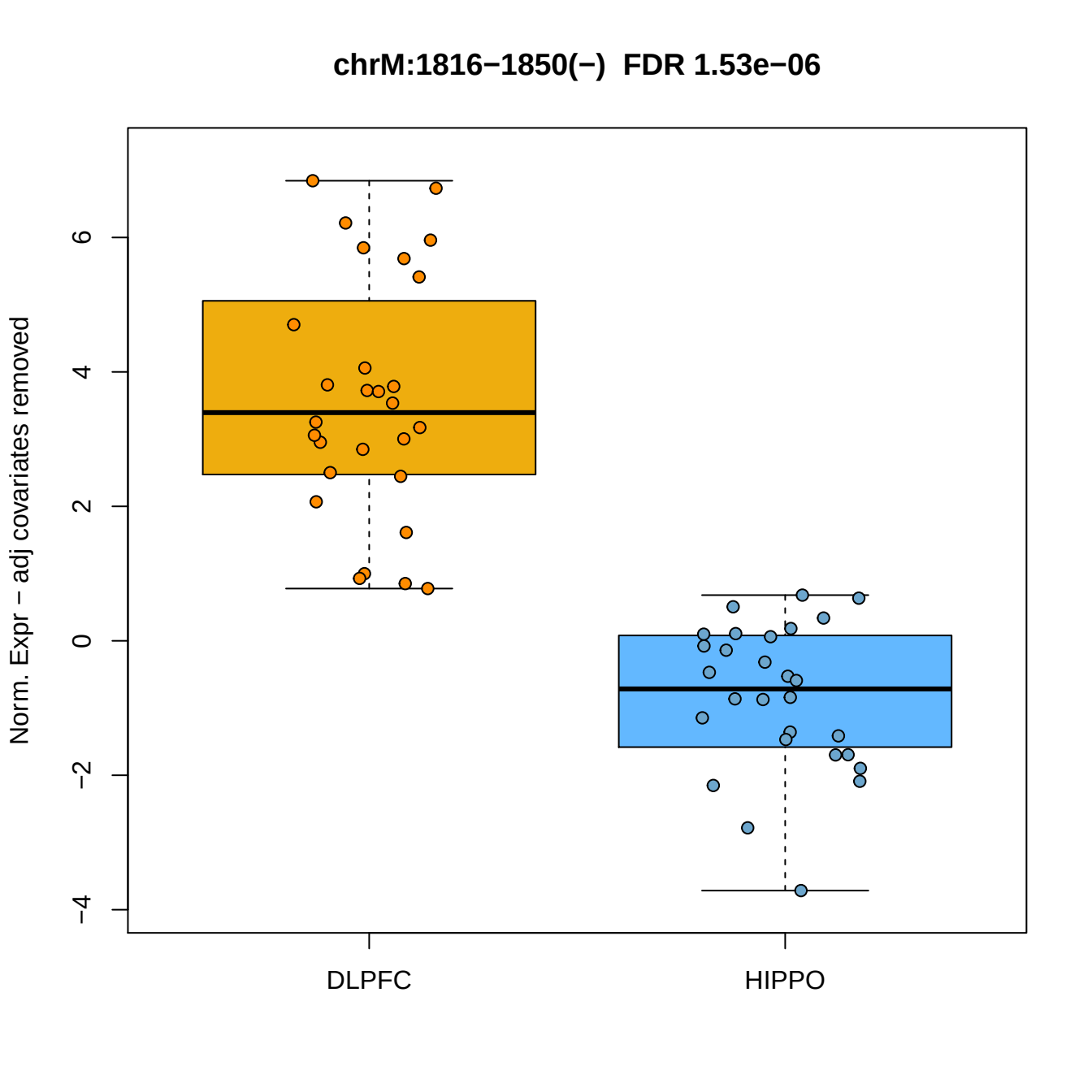

chr14:49853886−49862574(−) FDR 1.32e−06
Norm. Expr − adj covariates removed
−1
−2
−3
−4
−5
−6
−7
DLPFC
HIPPO

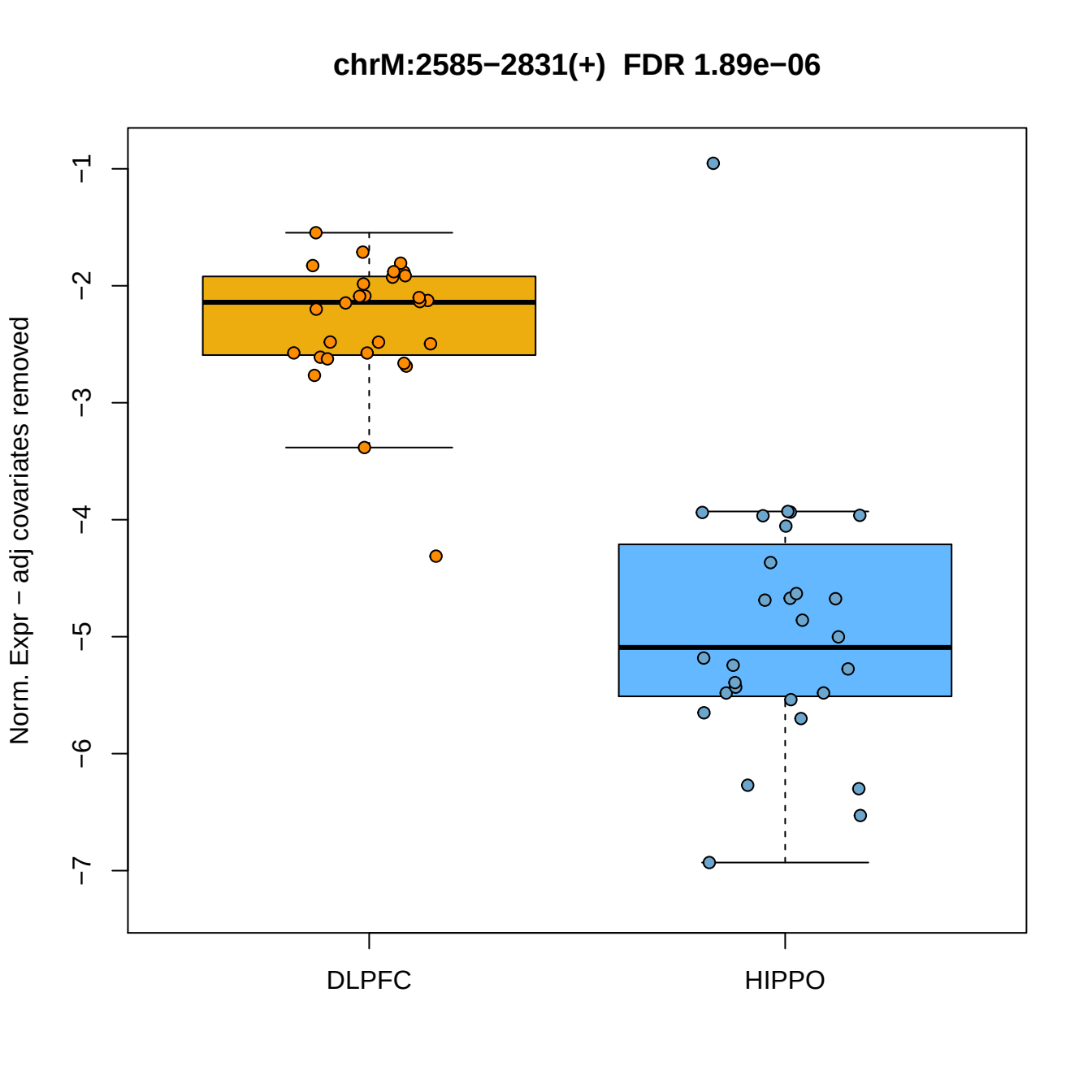

chr10:24602104−24604311(−) ARHGAP21 FDR 1.43e−06
Norm. Expr − adj covariates removed
5.5
5.0
4.5
4.0
3.5
DLPFC
HIPPO

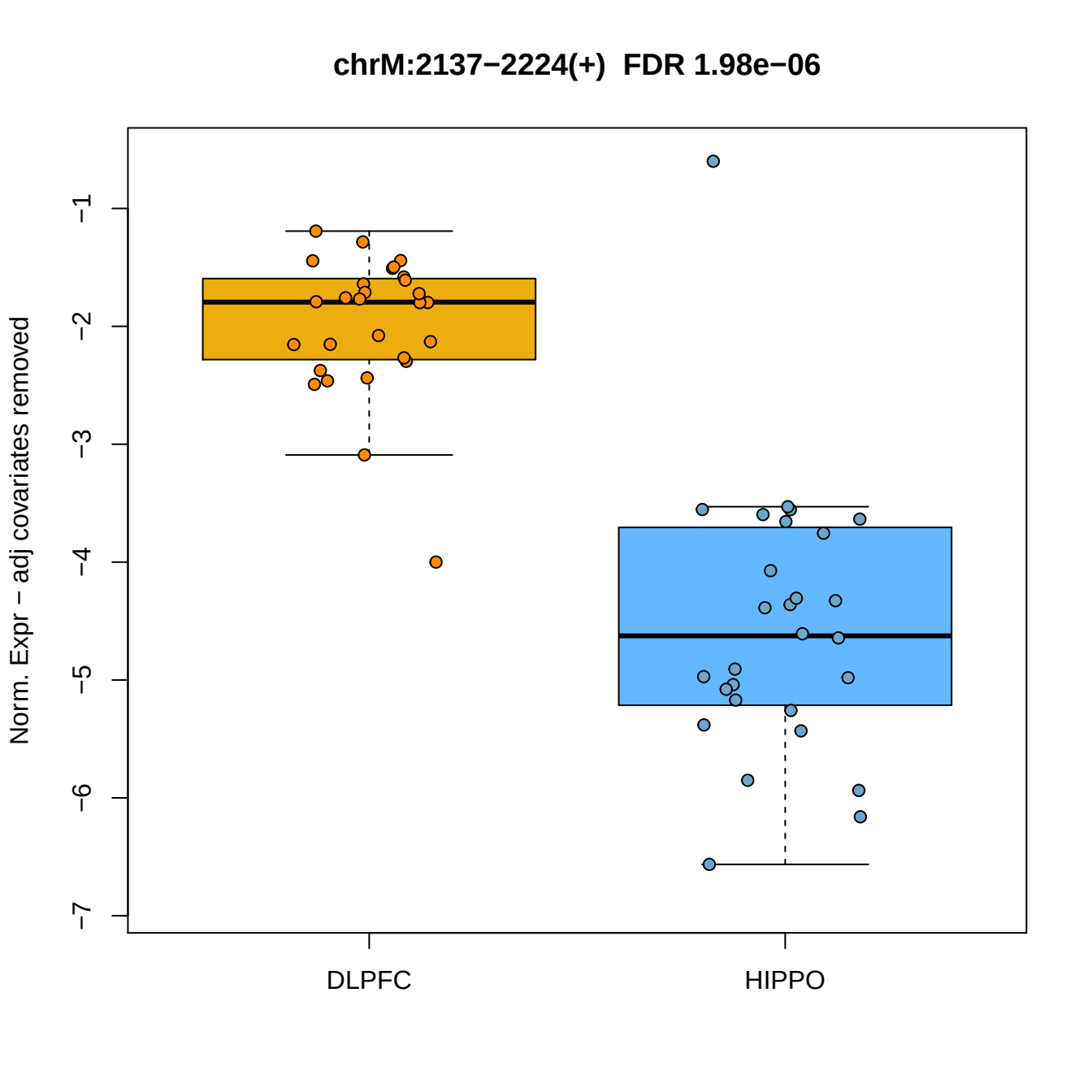

chr18:55229077−55232508(−) TCF4 FDR 1.5e−06
Norm. Expr − adj covariates removed
6
7
8
9
DLPFC
HIPPO

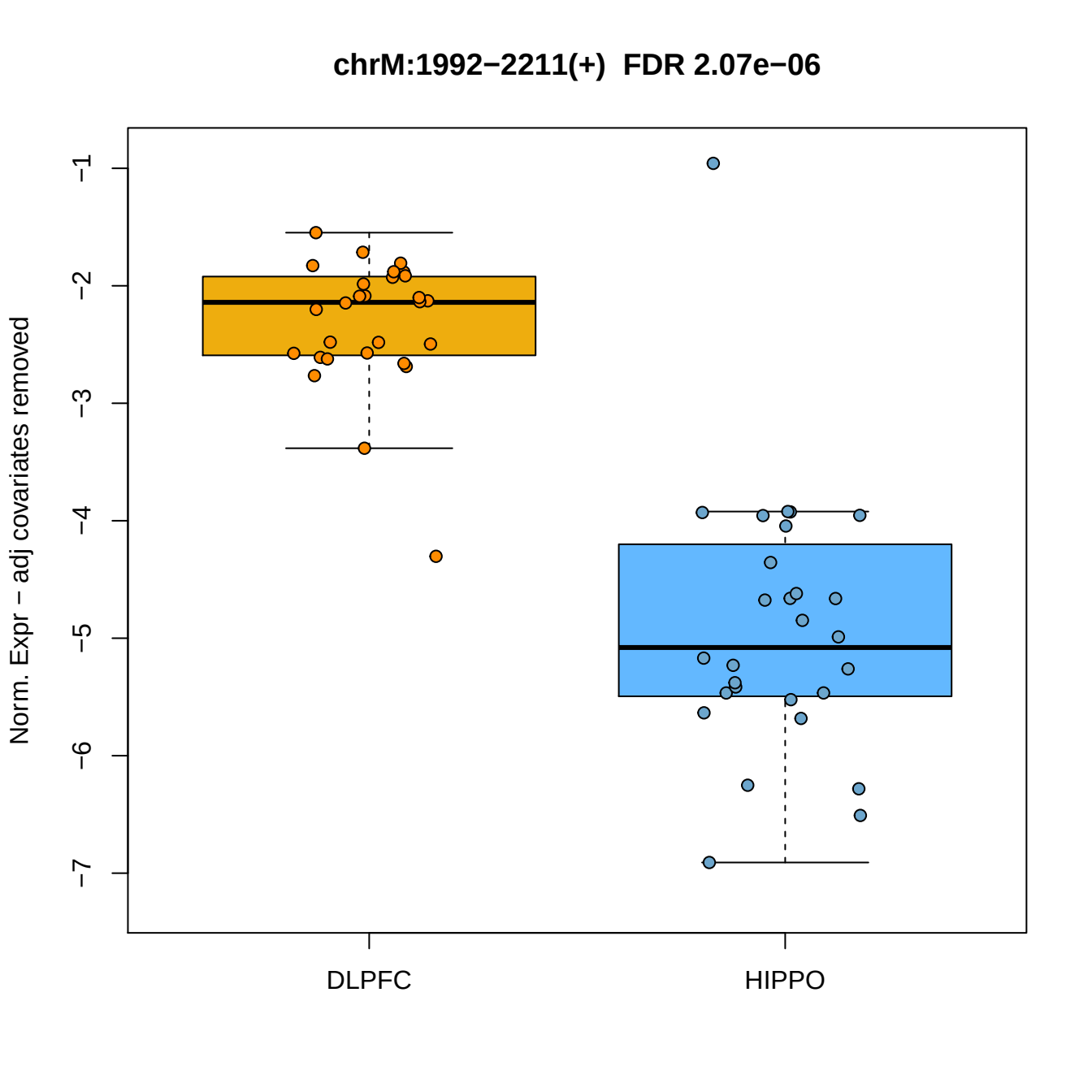

chrM:2249−2291(−)  FDR 1.5e−06
Norm. Expr − adj covariates removed
0
2
4
6
8
10
DLPFC
HIPPO

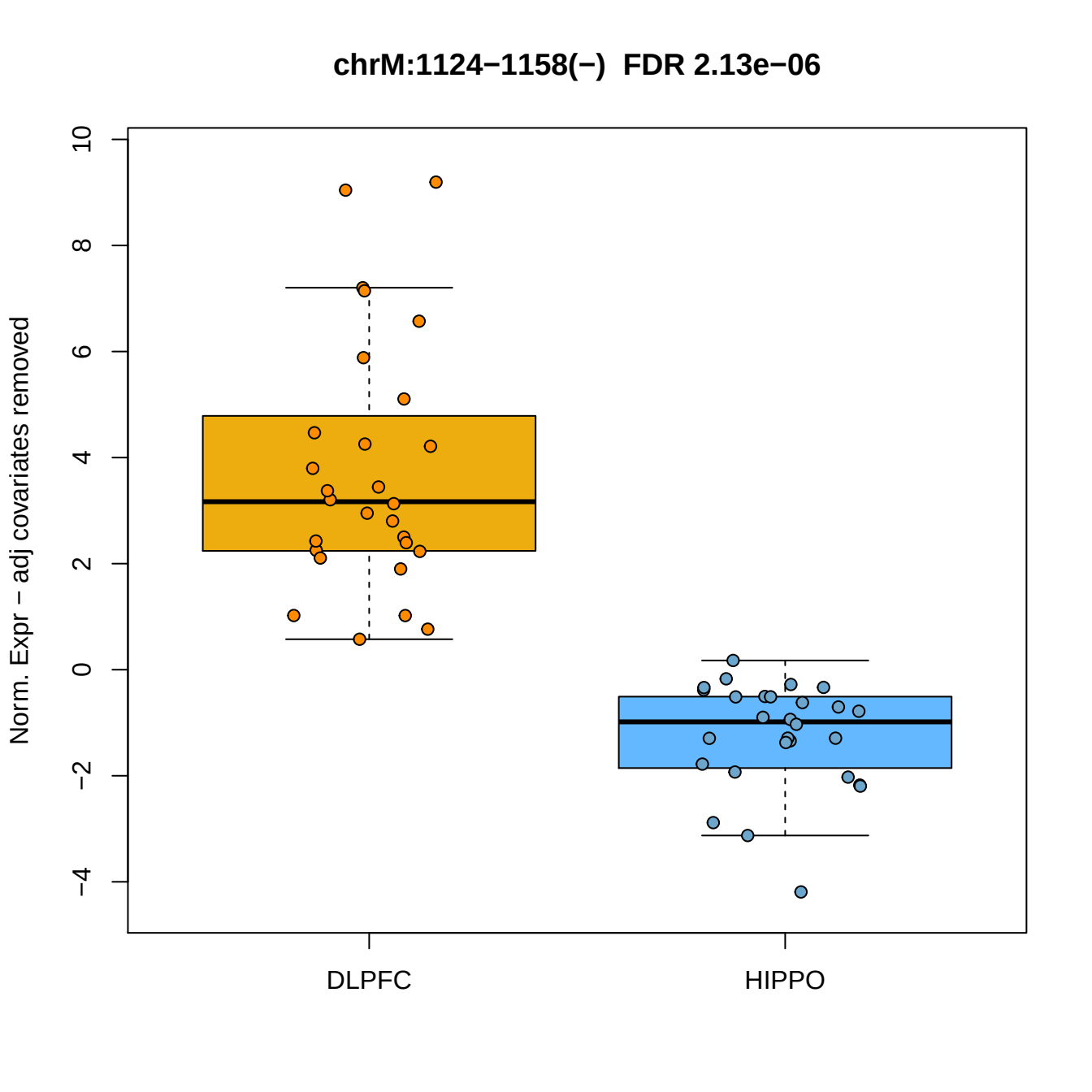

chrX:71563018−71563129(+) OGT FDR 1.5e−06
Norm. Expr − adj covariates removed
6.5
6.0
5.5
5.0
DLPFC
HIPPO

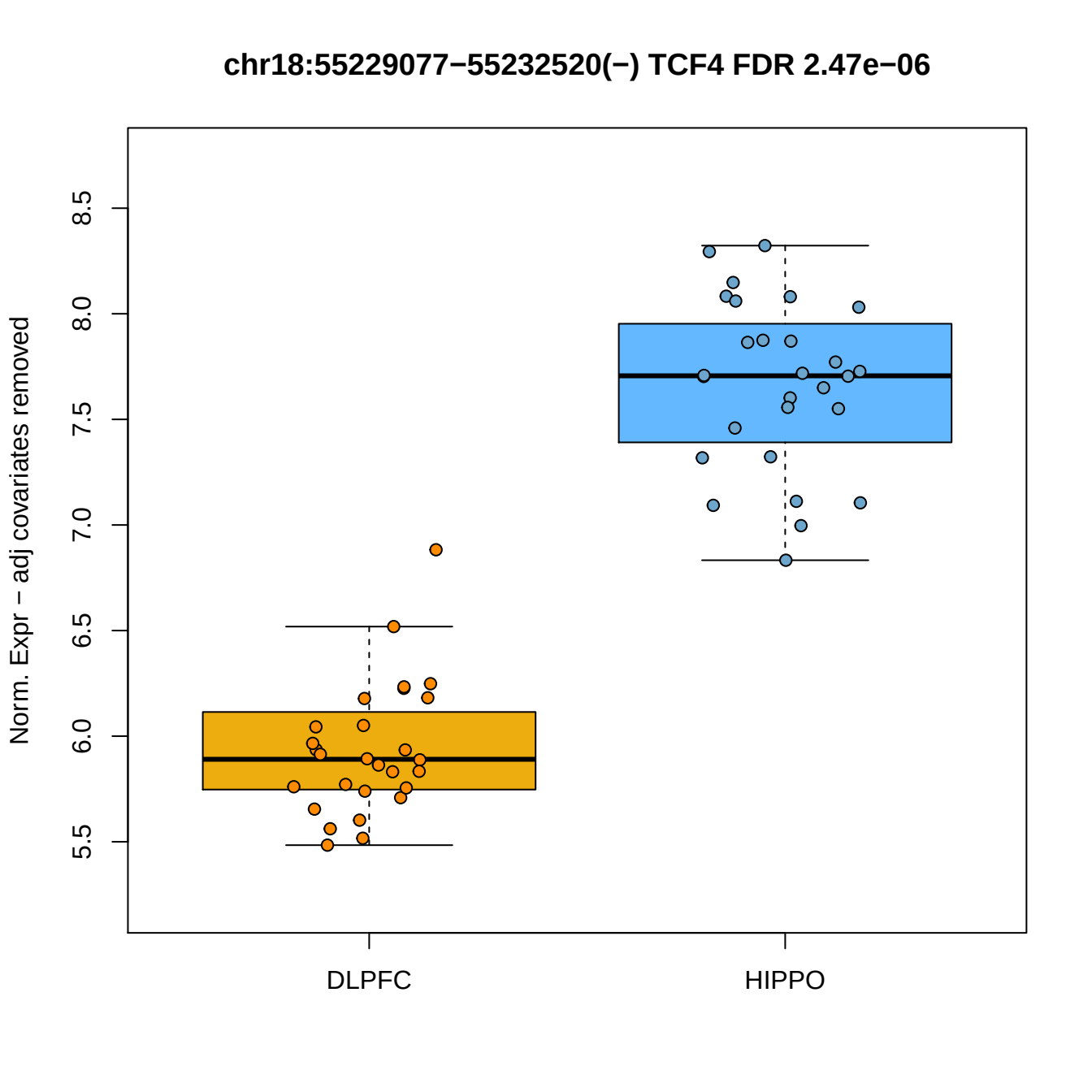

chrM:1816−1850(−)  FDR 1.53e−06
Norm. Expr − adj covariates removed
6
4
2
0
−2
−4
DLPFC
HIPPO

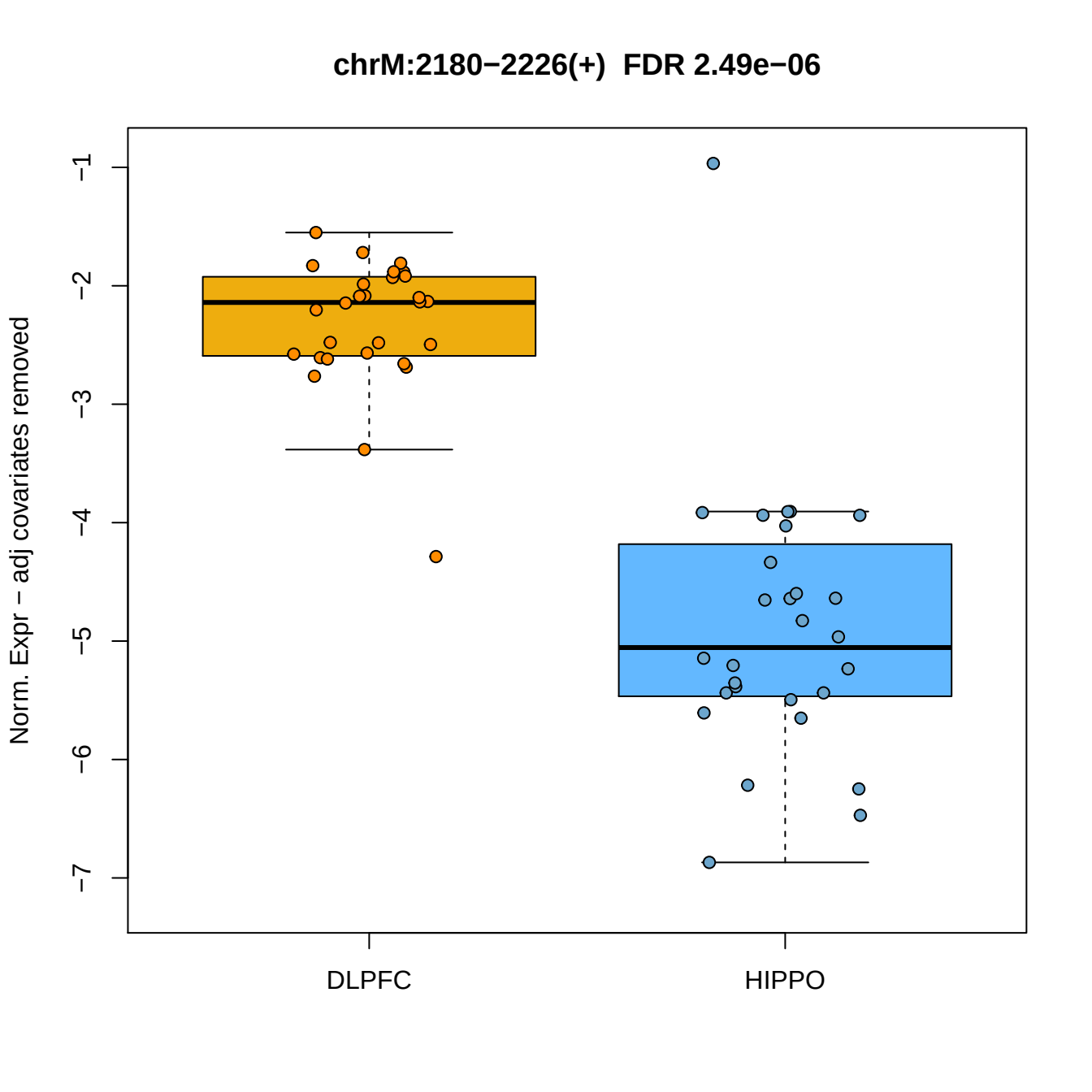

chrM:2585−2831(+)  FDR 1.89e−06
Norm. Expr − adj covariates removed
−1
−2
−3
−4
−5
−6
−7
DLPFC
HIPPO

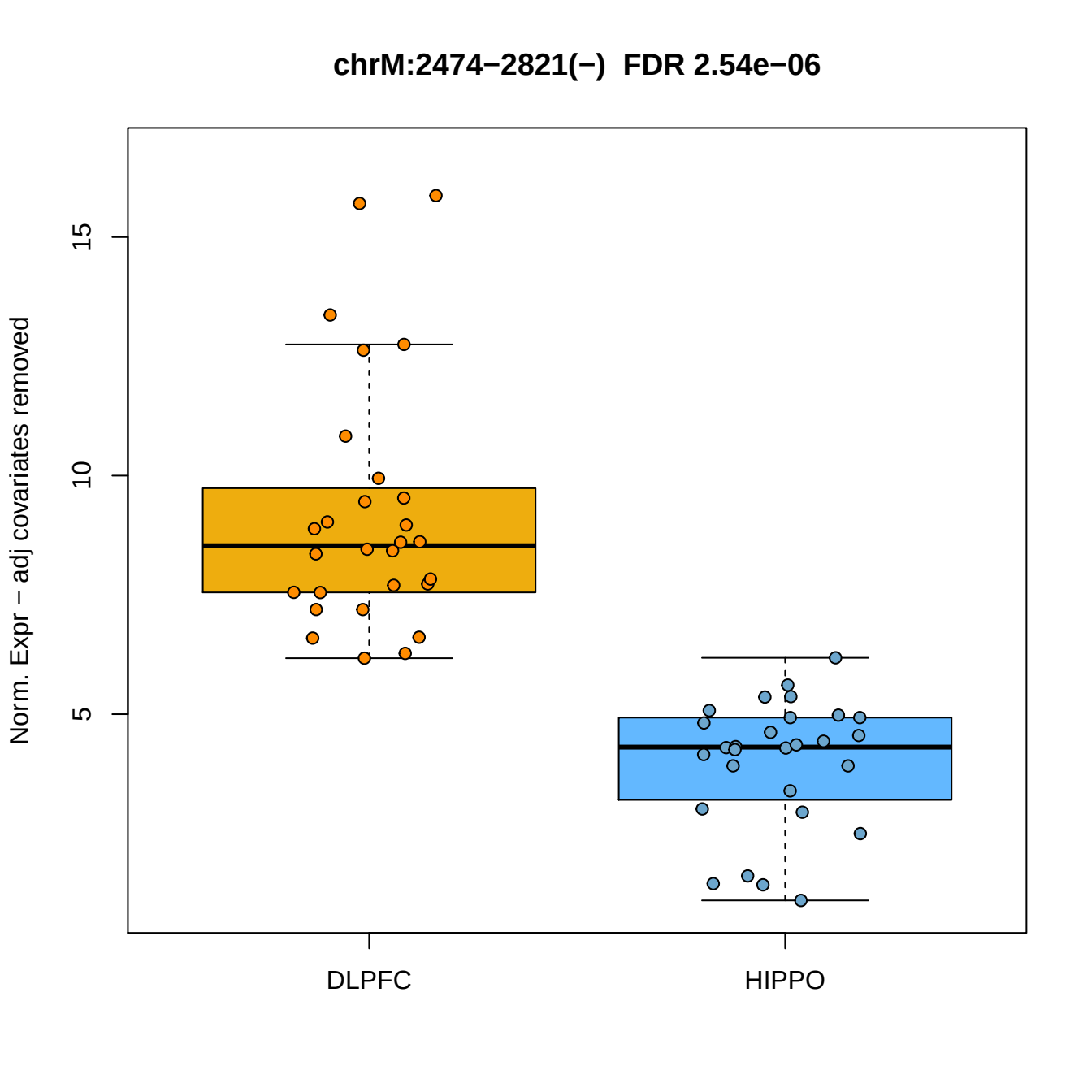

chrM:2137−2224(+) FDR 1.98e−06
Norm. Expr − adj covariates removed
−1
−2
−3
−4
−5
−6
−7
DLPFC
HIPPO

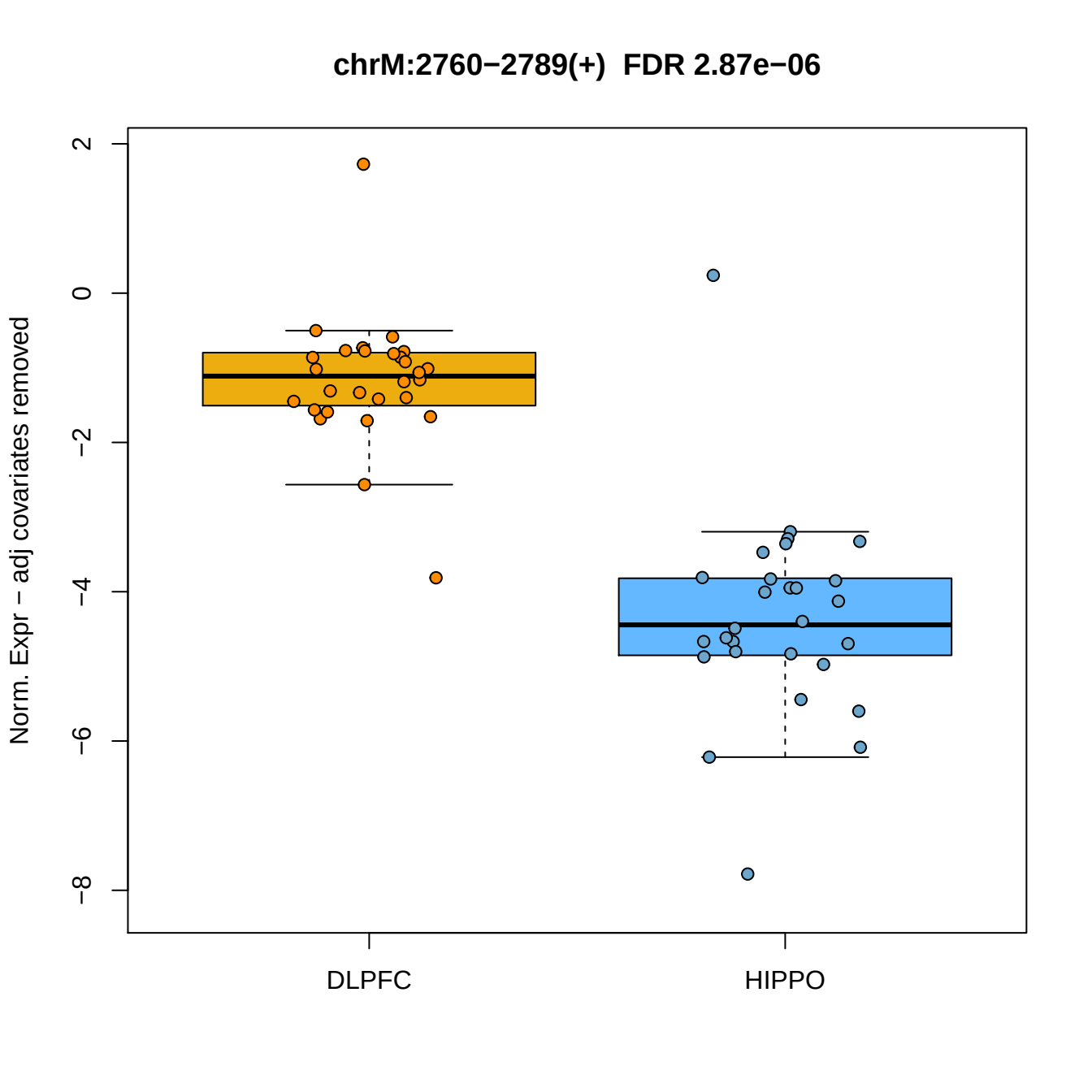

chrM:1992−2211(+) FDR 2.07e−06
Norm. Expr − adj covariates removed
−1
−2
−3
−4
−5
−6
−7
DLPFC
HIPPO

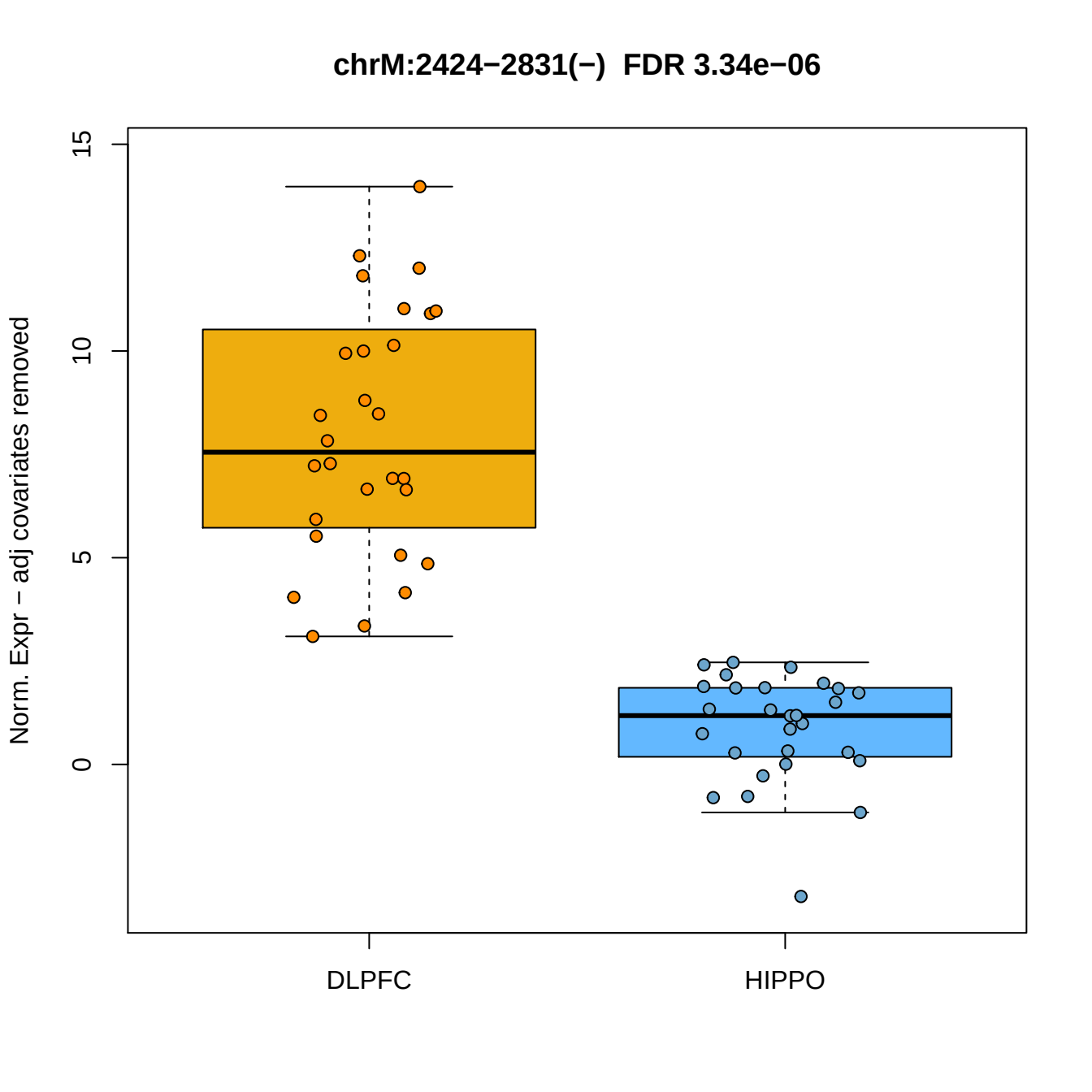

chrM:1124−1158(−)  FDR 2.13e−06
Norm. Expr − adj covariates removed
10
8
6
4
2
0
−2
−4
DLPFC
HIPPO

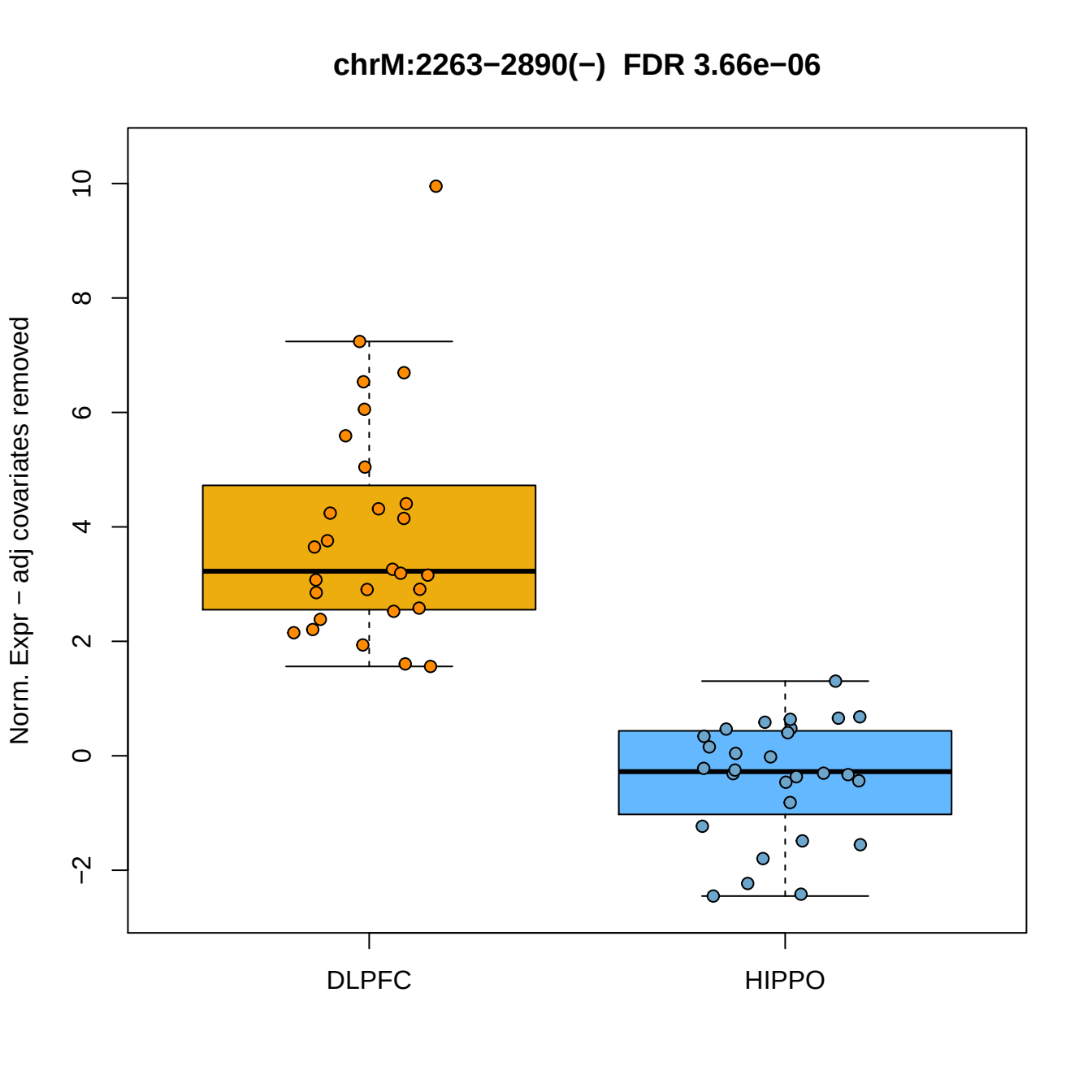

chr18:55229077−55232520(−) TCF4 FDR 2.47e−06
Norm. Expr − adj covariates removed
5.5
6.0
6.5
7.0
7.5
8.0
8.5
DLPFC
HIPPO

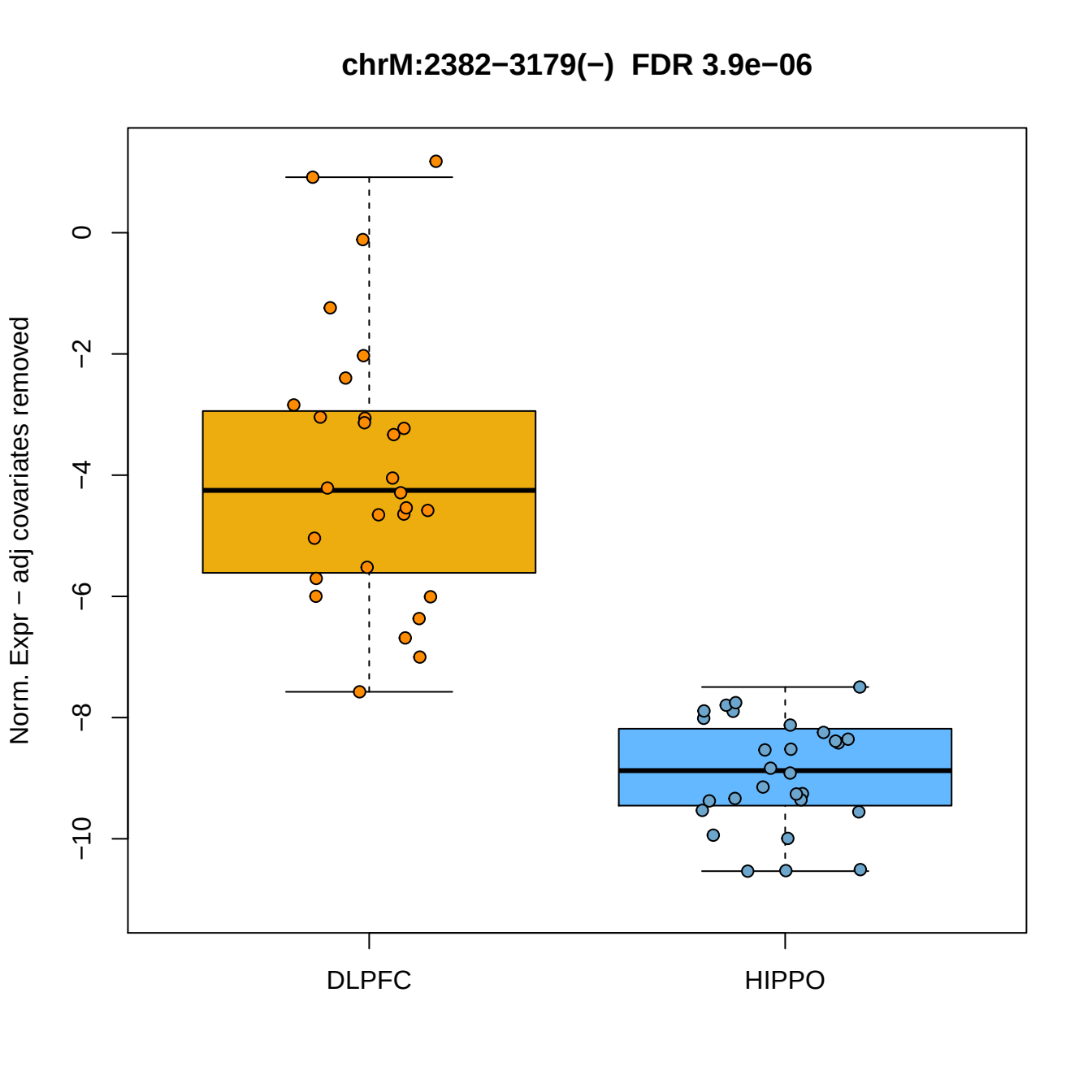

chrM:2180−2226(+) FDR 2.49e−06
Norm. Expr − adj covariates removed
−1
−2
−3
−4
−5
−6
−7
DLPFC
HIPPO

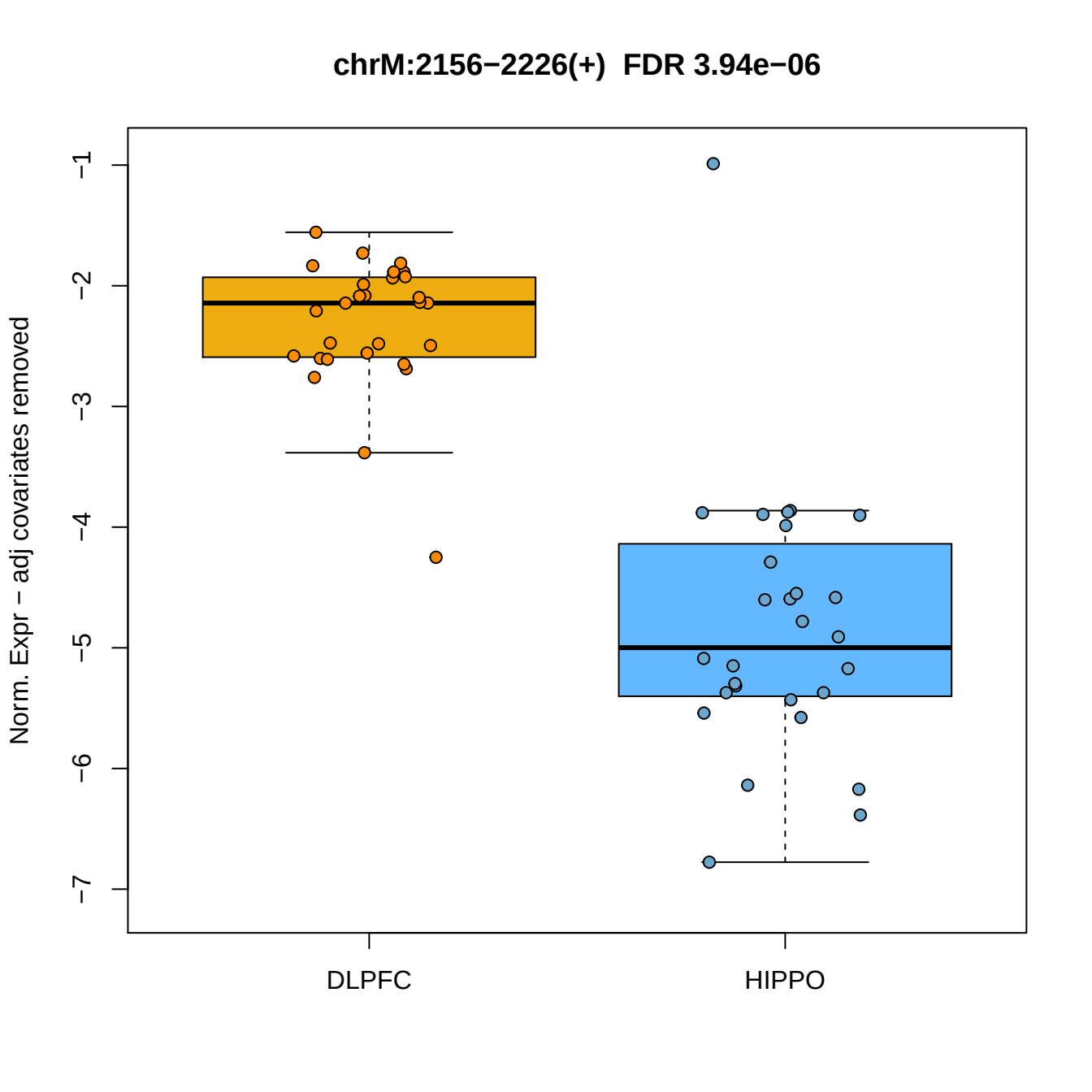

chrM:2474−2821(−)  FDR 2.54e−06
Norm. Expr − adj covariates removed
15
10
5
DLPFC
HIPPO

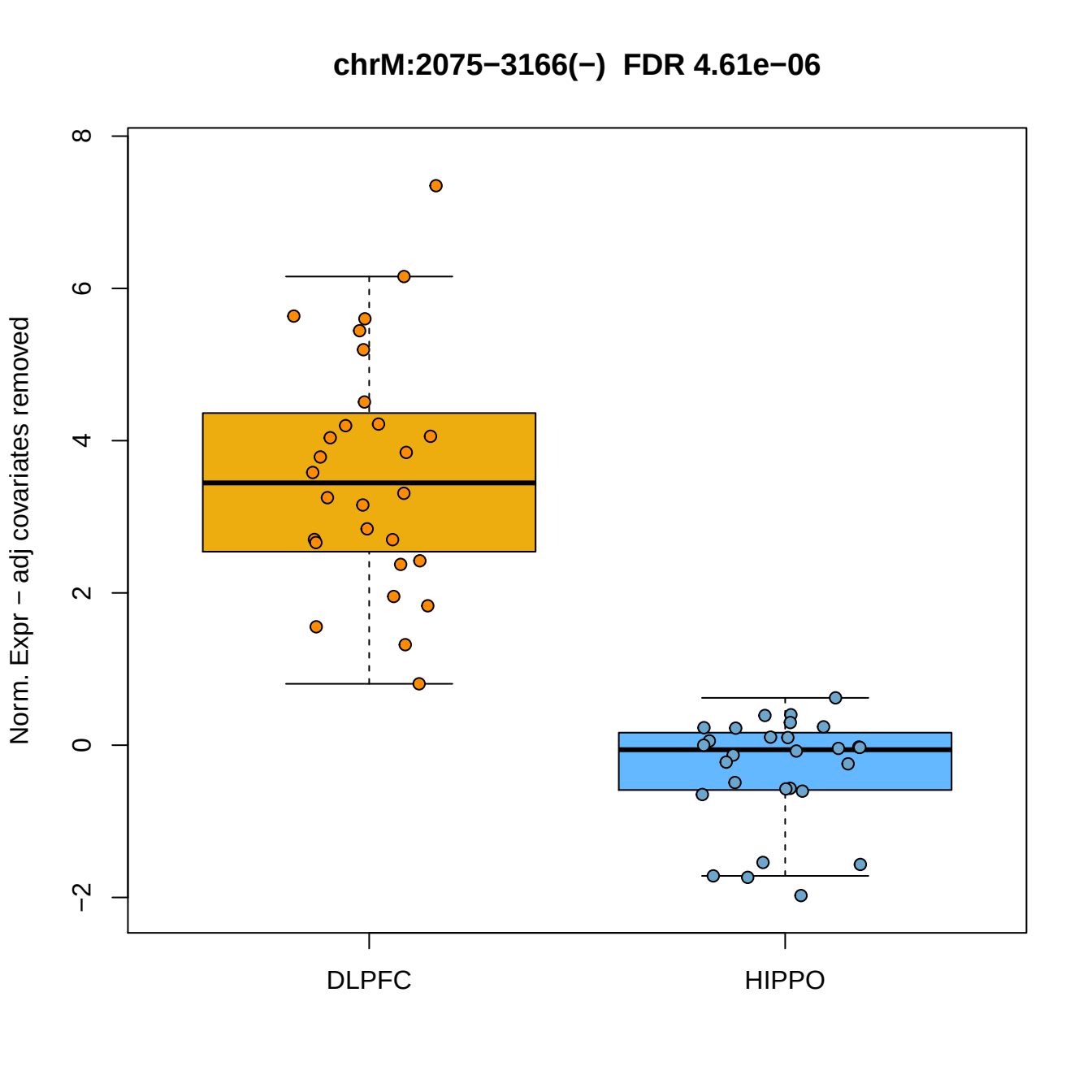

chrM:2760−2789(+)  FDR 2.87e−06
Norm. Expr − adj covariates removed
2
0
−2
−4
−6
−8
DLPFC
HIPPO

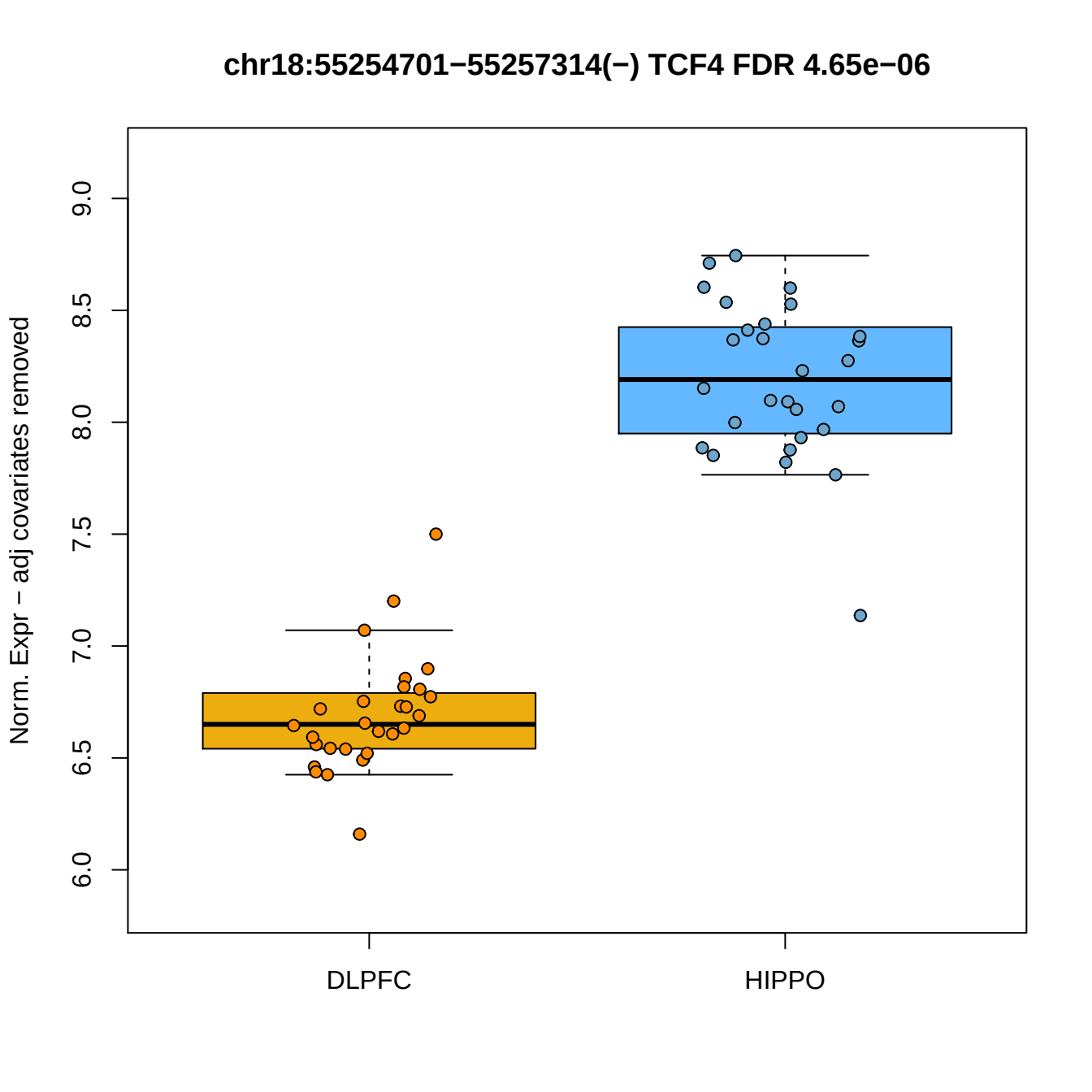

chrM:2424−2831(−)  FDR 3.34e−06
Norm. Expr − adj covariates removed
15
10
5
0
DLPFC
HIPPO

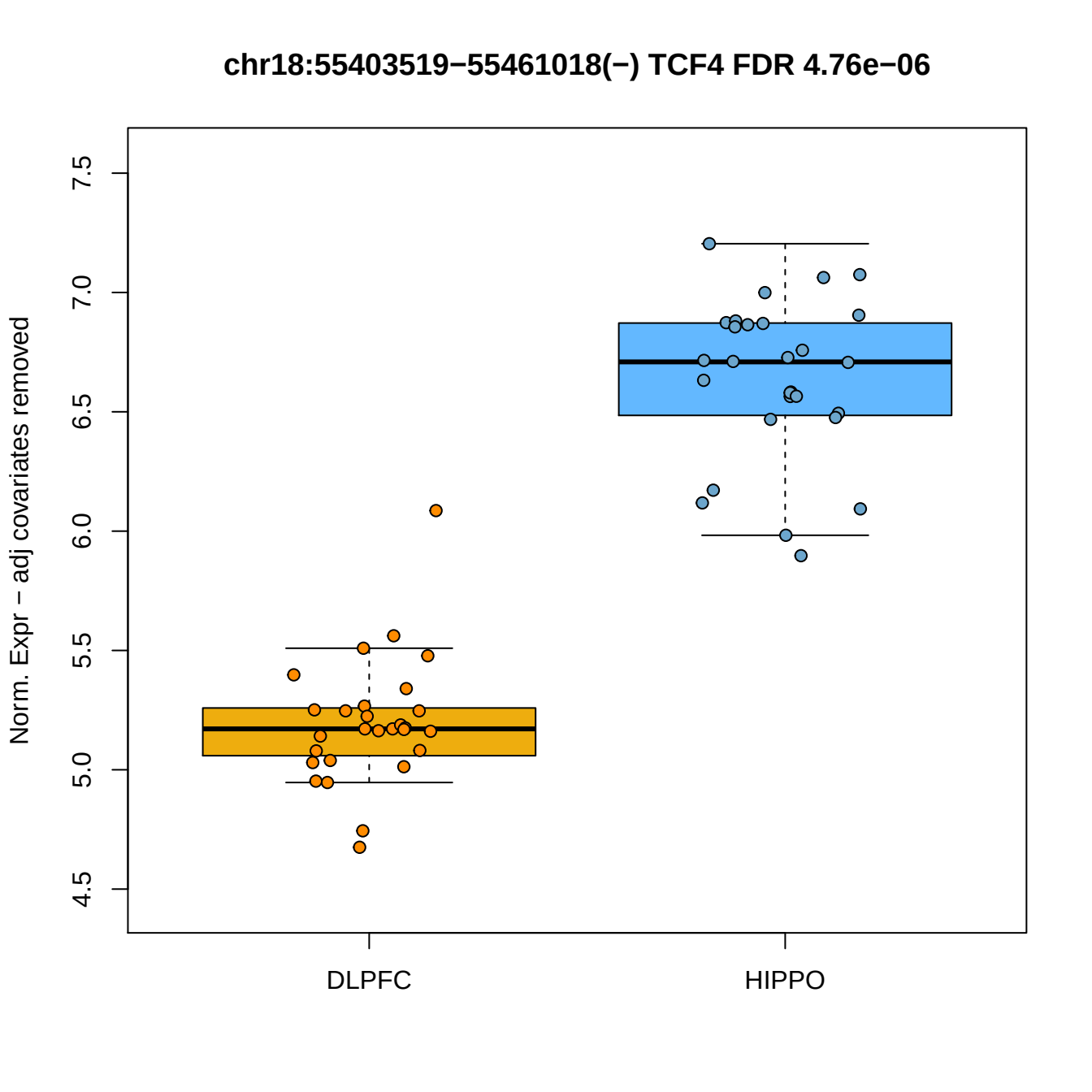

chrM:2263−2890(−)  FDR 3.66e−06
Norm. Expr − adj covariates removed
10
8
6
4
2
0
−2
DLPFC
HIPPO

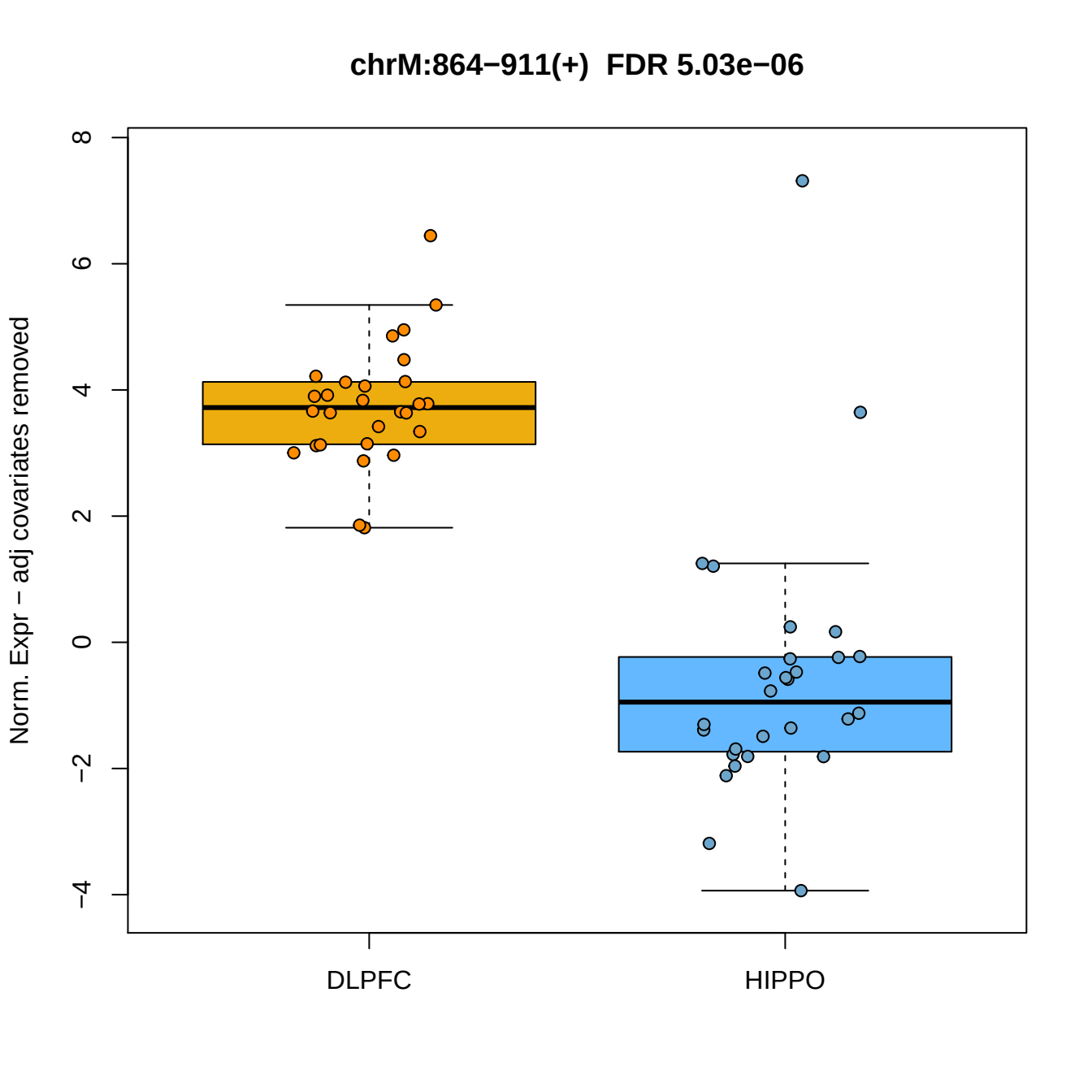

chrM:2382−3179(−)  FDR 3.9e−06
Norm. Expr − adj covariates removed
0
−2
−4
−6
−8
−10
DLPFC
HIPPO

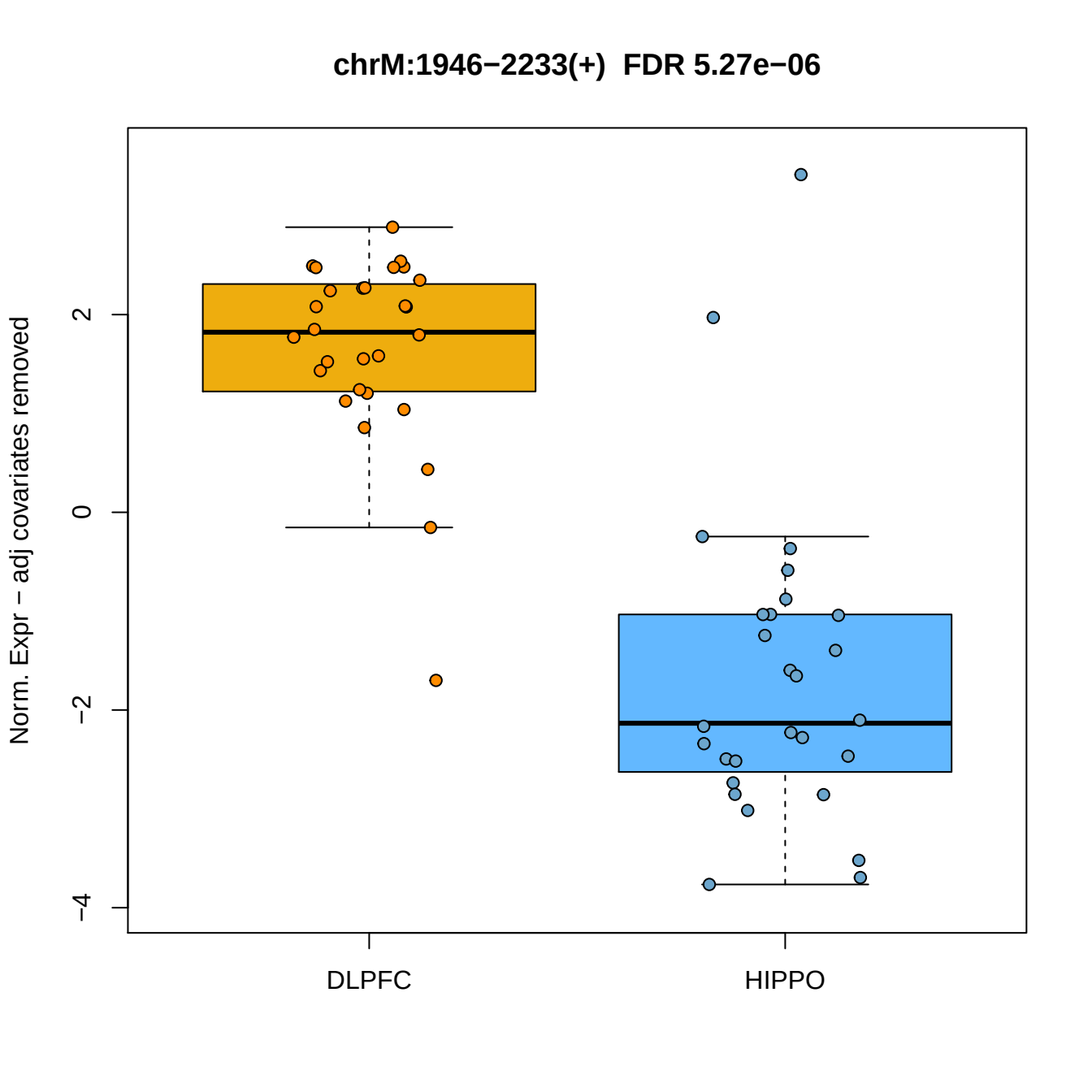

chrM:2156−2226(+)  FDR 3.94e−06
Norm. Expr − adj covariates removed
−1
−2
−3
−4
−5
−6
−7
DLPFC
HIPPO

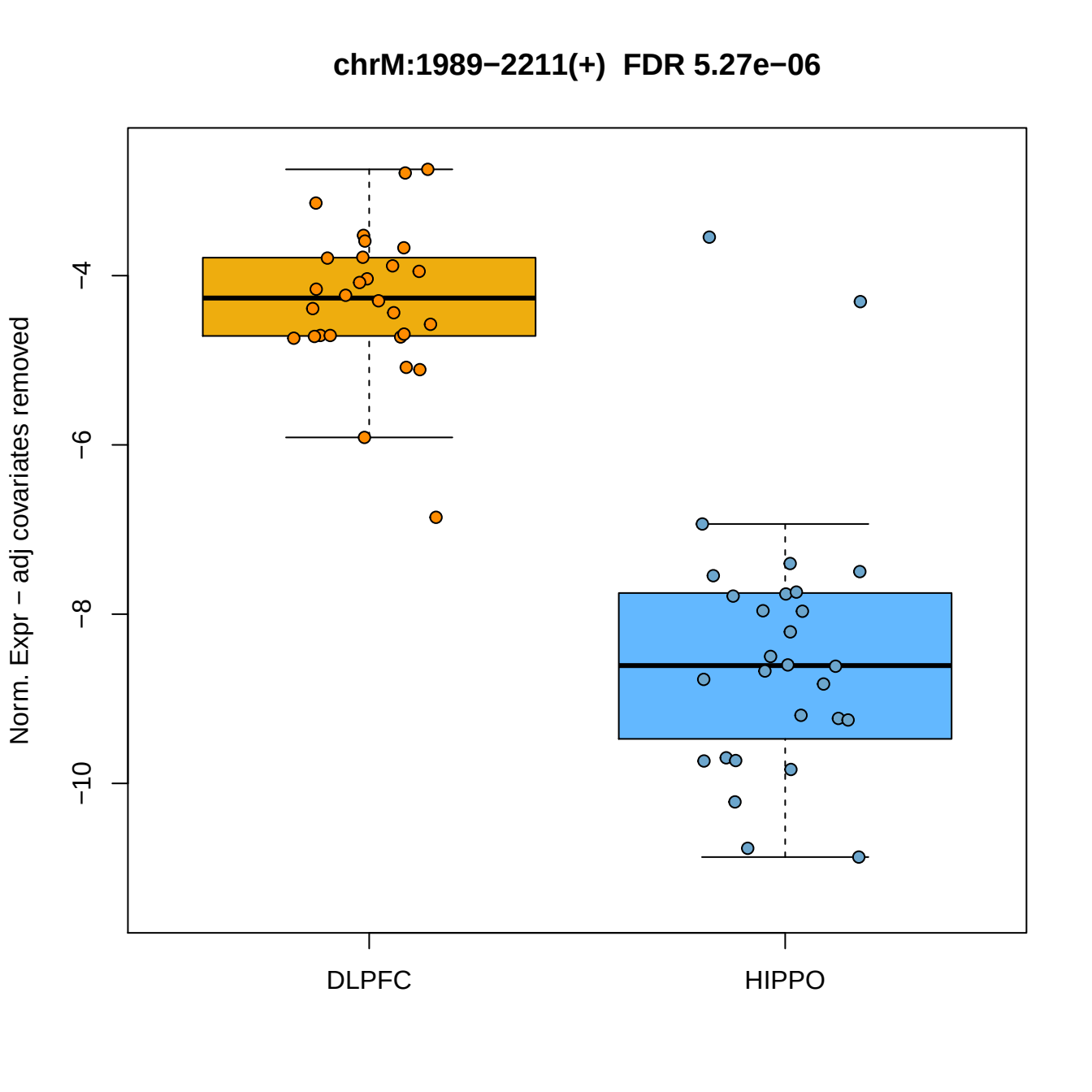

chrM:2075−3166(−)  FDR 4.61e−06
Norm. Expr − adj covariates removed
8
6
4
2
0
−2
DLPFC
HIPPO

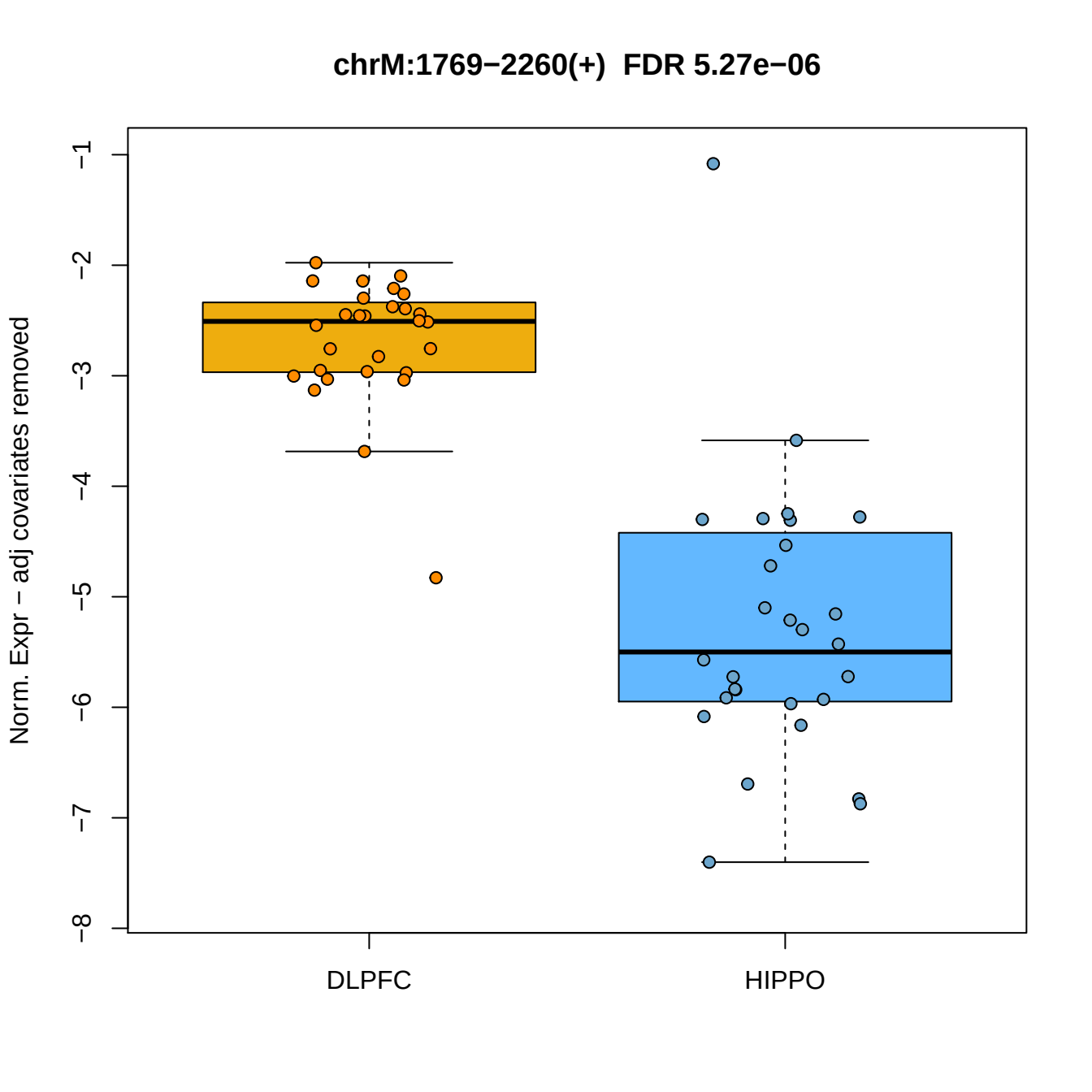

chr18:55254701−55257314(−) TCF4 FDR 4.65e−06
Norm. Expr − adj covariates removed
6.0
6.5
7.0
7.5
8.0
8.5
9.0
DLPFC
HIPPO

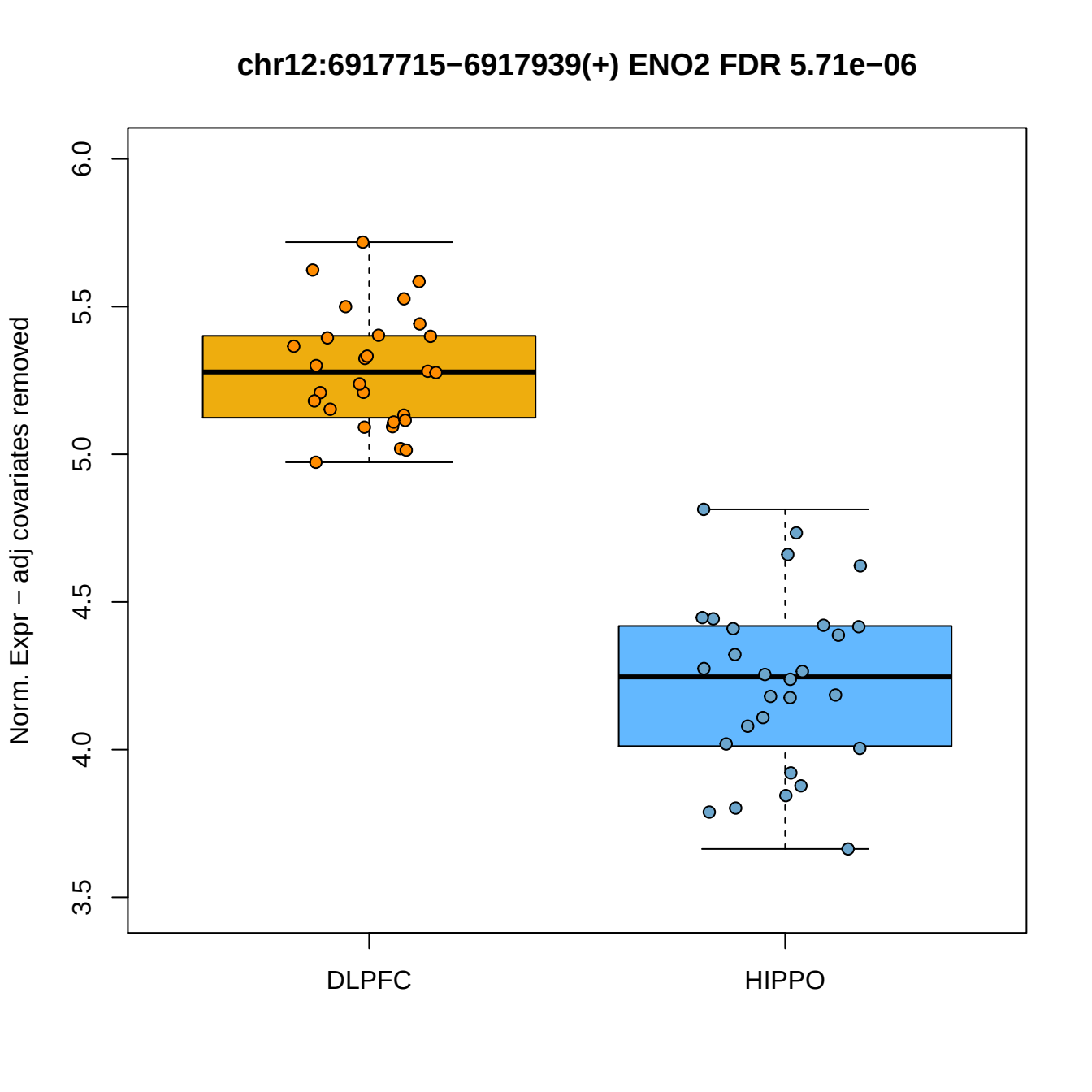

chr18:55403519−55461018(−) TCF4 FDR 4.76e−06
Norm. Expr − adj covariates removed
4.5
5.0
5.5
6.0
6.5
7.0
7.5
DLPFC
HIPPO

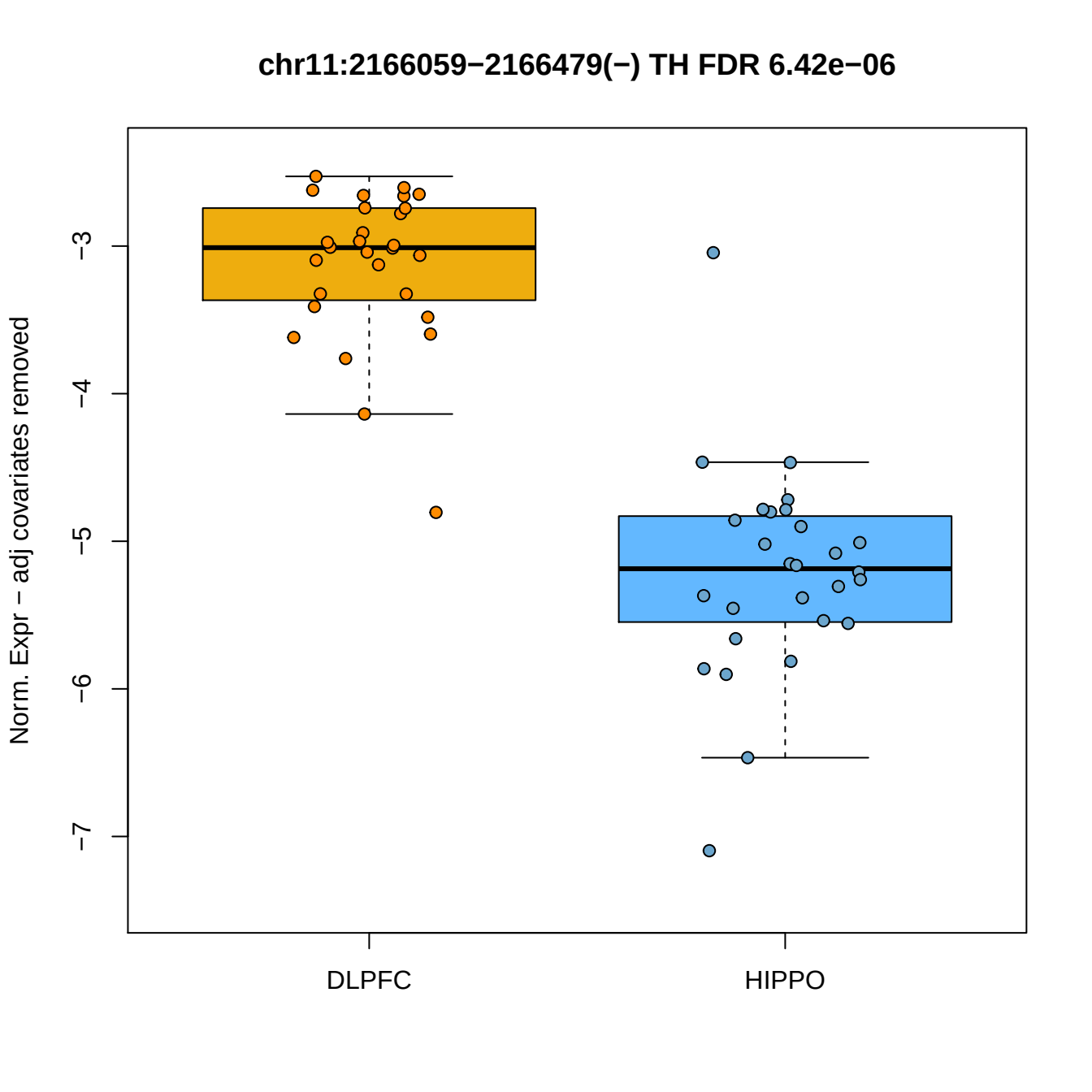

chrM:864−911(+)  FDR 5.03e−06
Norm. Expr − adj covariates removed
8
6
4
2
0
−2
−4
DLPFC
HIPPO

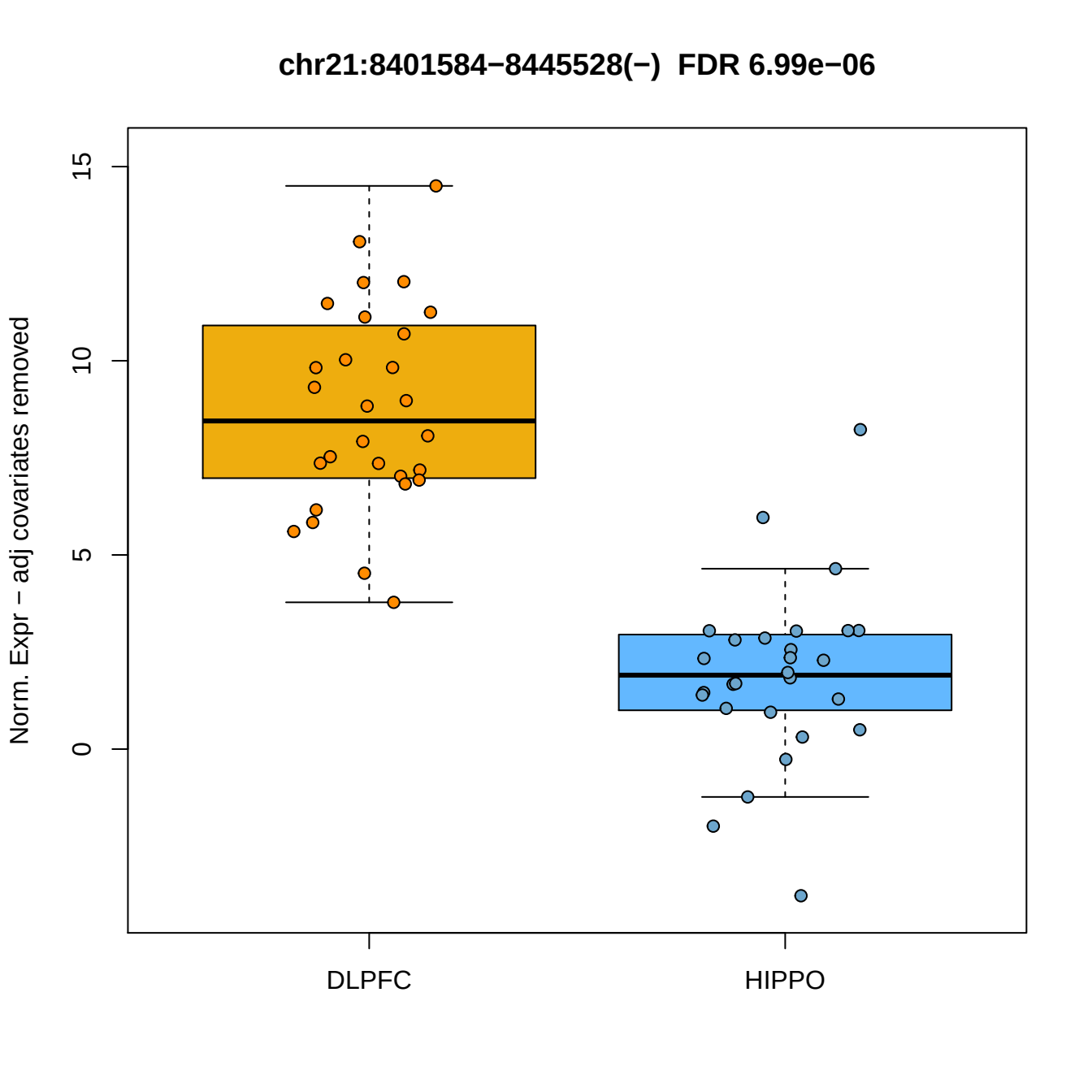

chrM:1946−2233(+)  FDR 5.27e−06
Norm. Expr − adj covariates removed
2
0
−2
−4
DLPFC
HIPPO

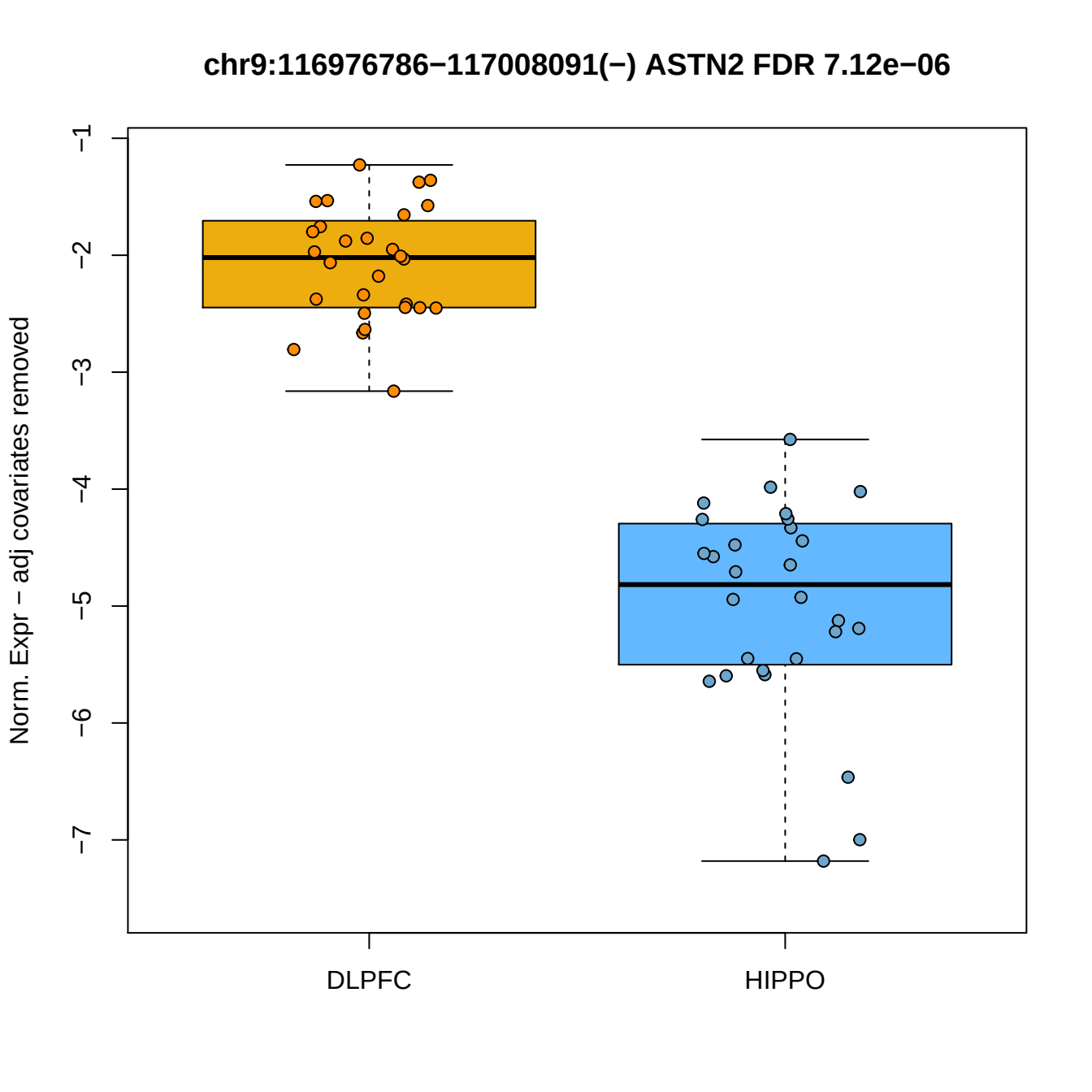

chrM:1989−2211(+)  FDR 5.27e−06
Norm. Expr − adj covariates removed
−4
−6
−8
−10
DLPFC
HIPPO

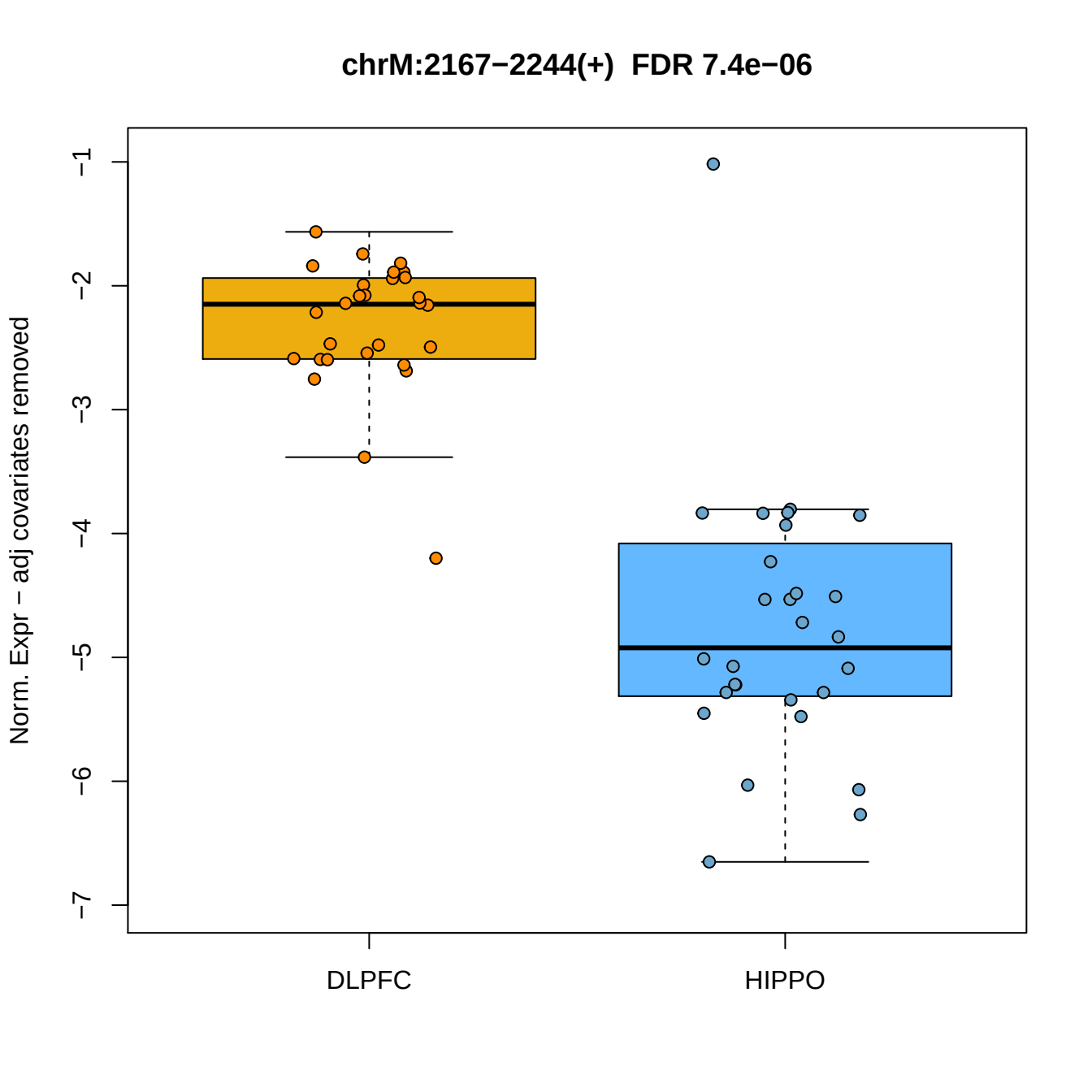

chrM:1769−2260(+) FDR 5.27e−06
Norm. Expr − adj covariates removed
−1
−2
−3
−4
−5
−6
−7
−8
DLPFC
HIPPO

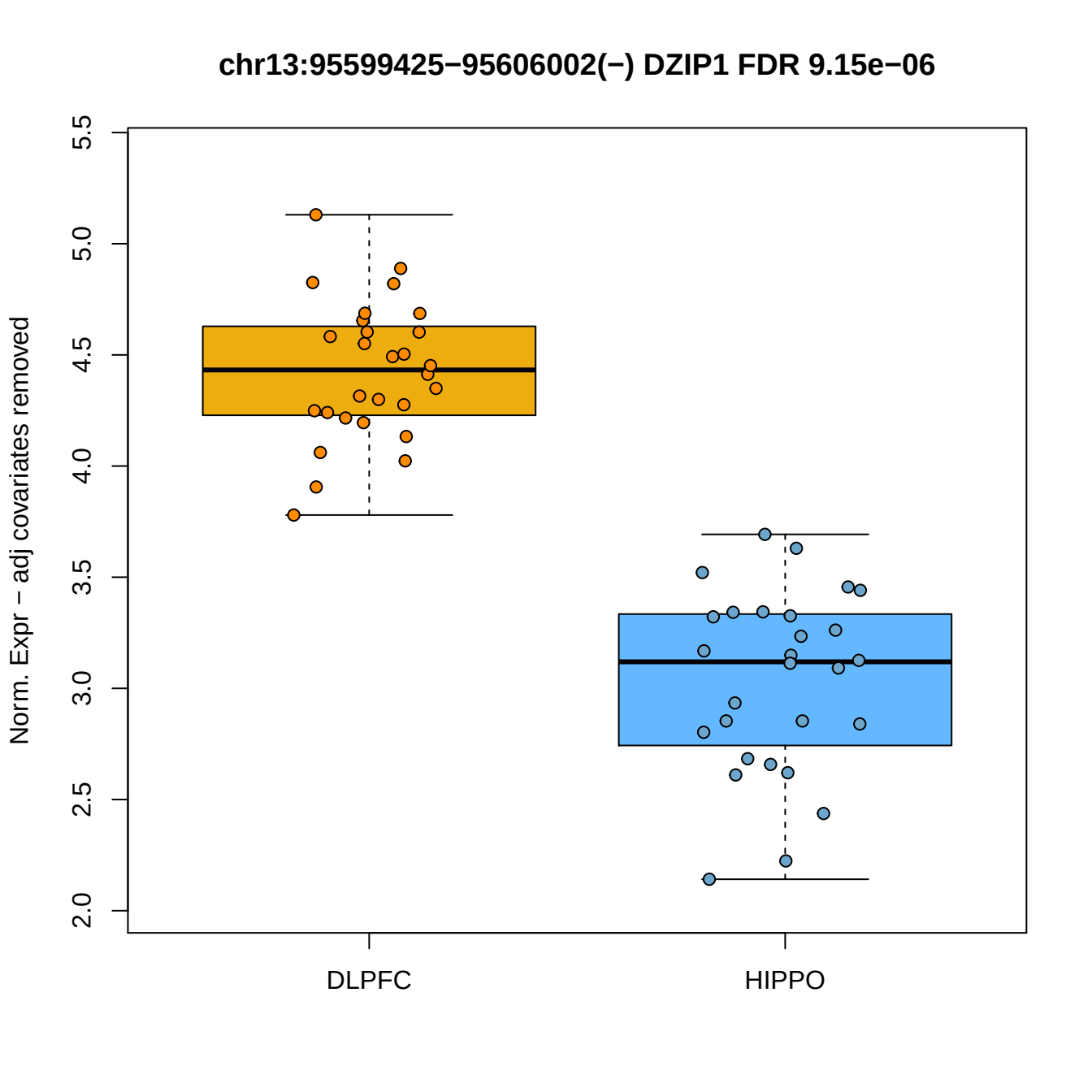

chr12:6917715−6917939(+) ENO2 FDR 5.71e−06
Norm. Expr − adj covariates removed
6.0
5.5
5.0
4.5
4.0
3.5
DLPFC
HIPPO

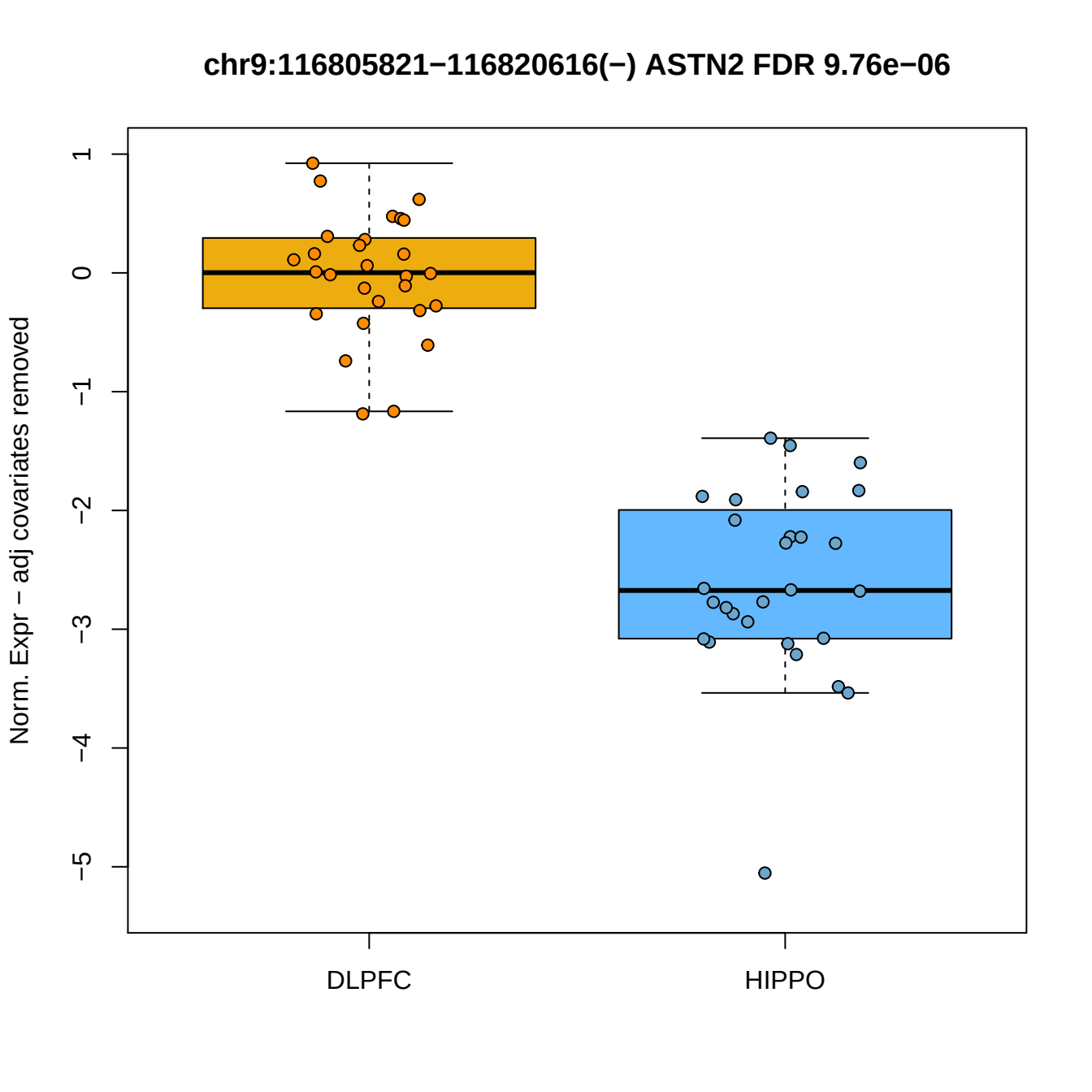

chr11:2166059−2166479(−) TH FDR 6.42e−06
Norm. Expr − adj covariates removed
−3
−4
−5
−6
−7
DLPFC
HIPPO

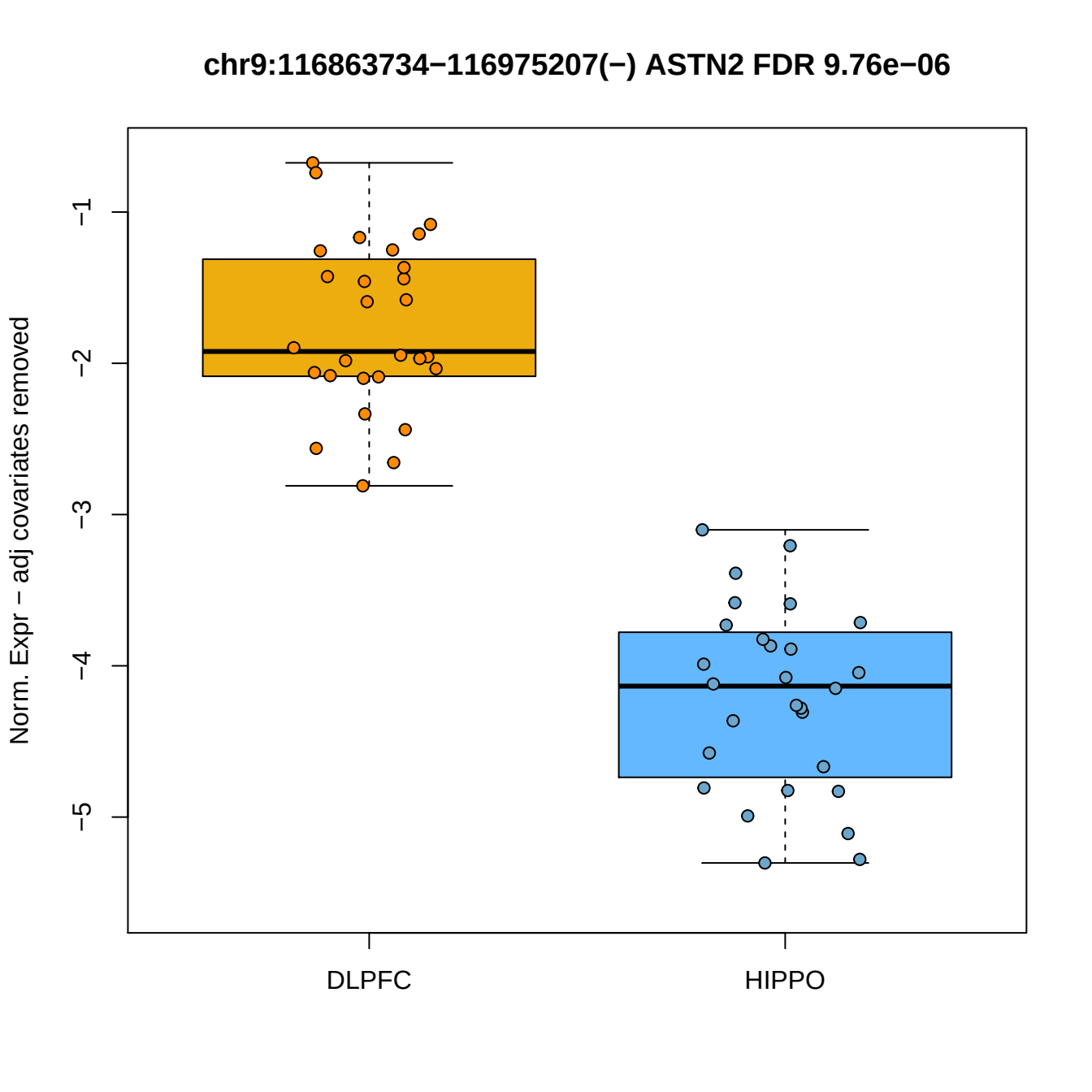

chr21:8401584−8445528(−)  FDR 6.99e−06
Norm. Expr − adj covariates removed
15
10
5
0
DLPFC
HIPPO

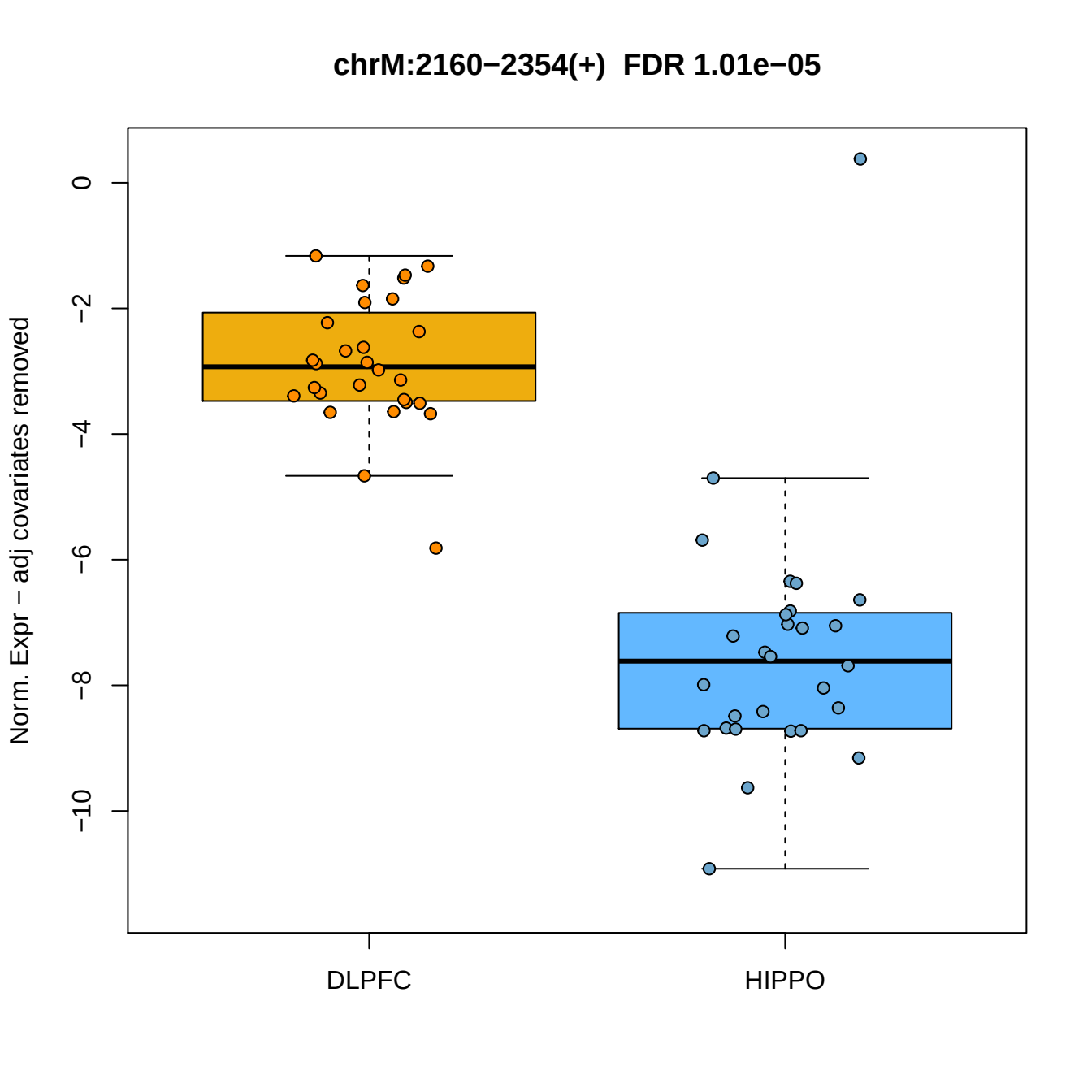

chr9:116976786−117008091(−) ASTN2 FDR 7.12e−06
Norm. Expr − adj covariates removed
−1
−2
−3
−4
−5
−6
−7
DLPFC
HIPPO

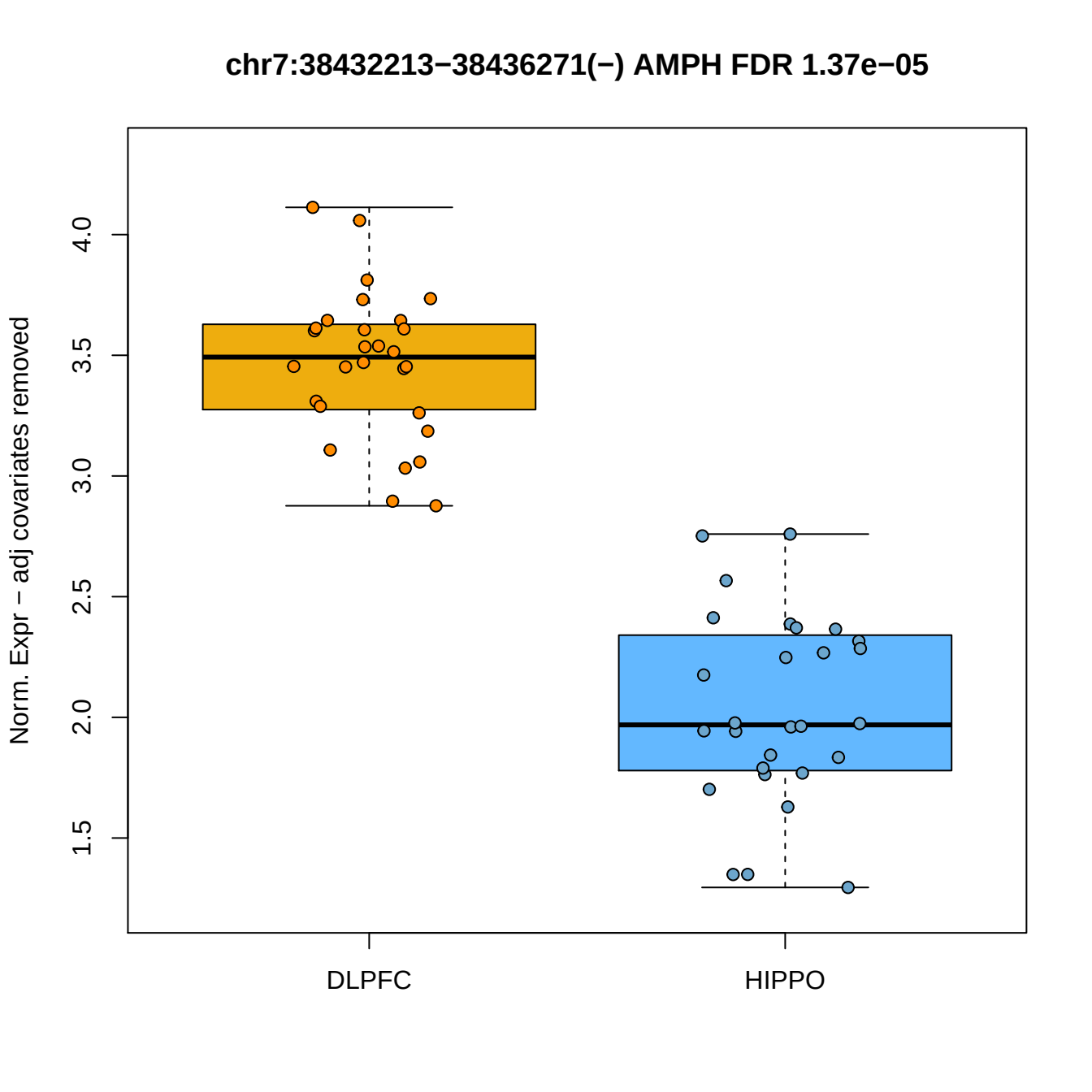

chrM:2167−2244(+) FDR 7.4e−06
Norm. Expr − adj covariates removed
−1
−2
−3
−4
−5
−6
−7
DLPFC
HIPPO

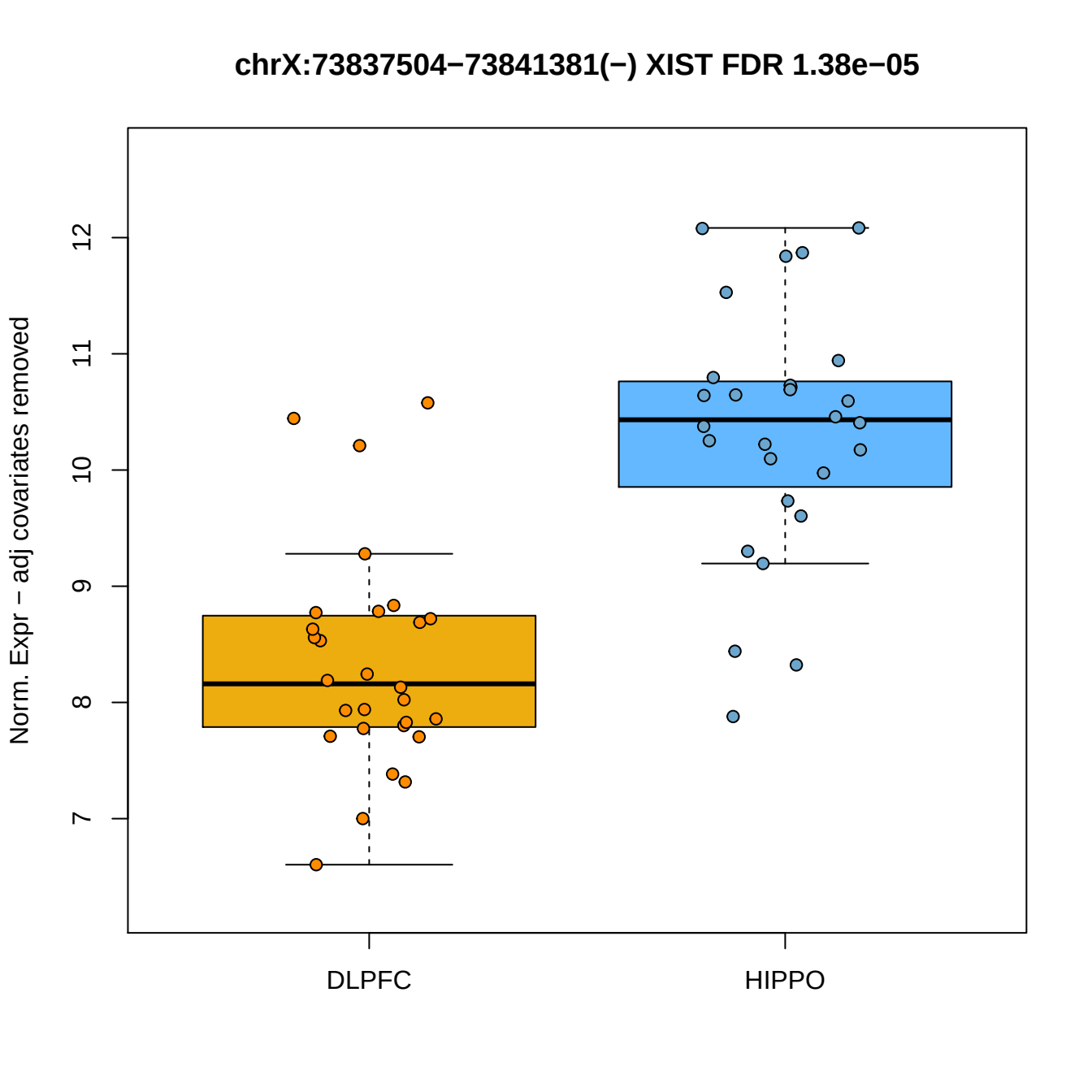

chr13:95599425−95606002(−) DZIP1 FDR 9.15e−06
Norm. Expr − adj covariates removed
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
DLPFC
HIPPO

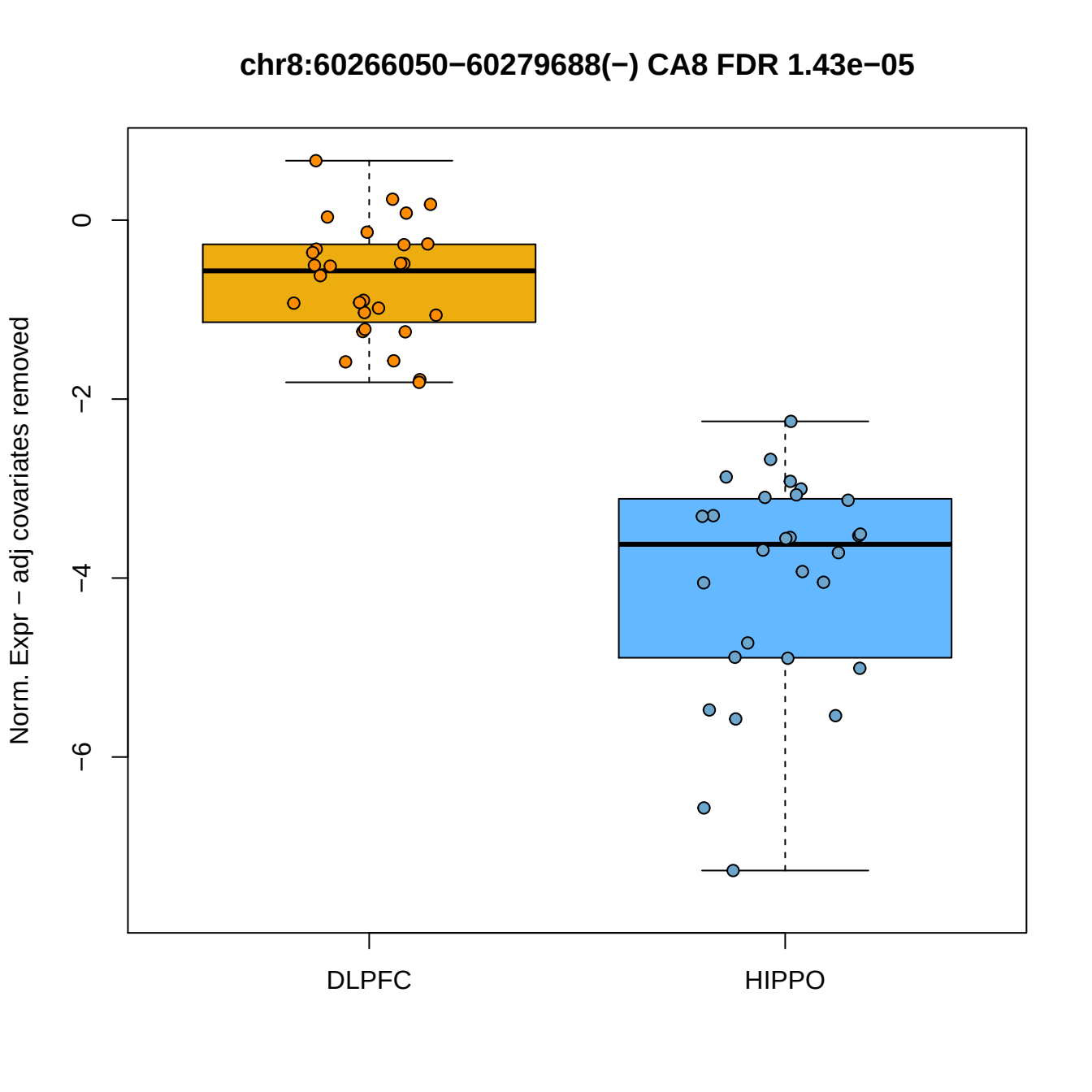

chr9:116805821−116820616(−) ASTN2 FDR 9.76e−06
Norm. Expr − adj covariates removed
1
0
−1
−2
−3
−4
−5
DLPFC
HIPPO

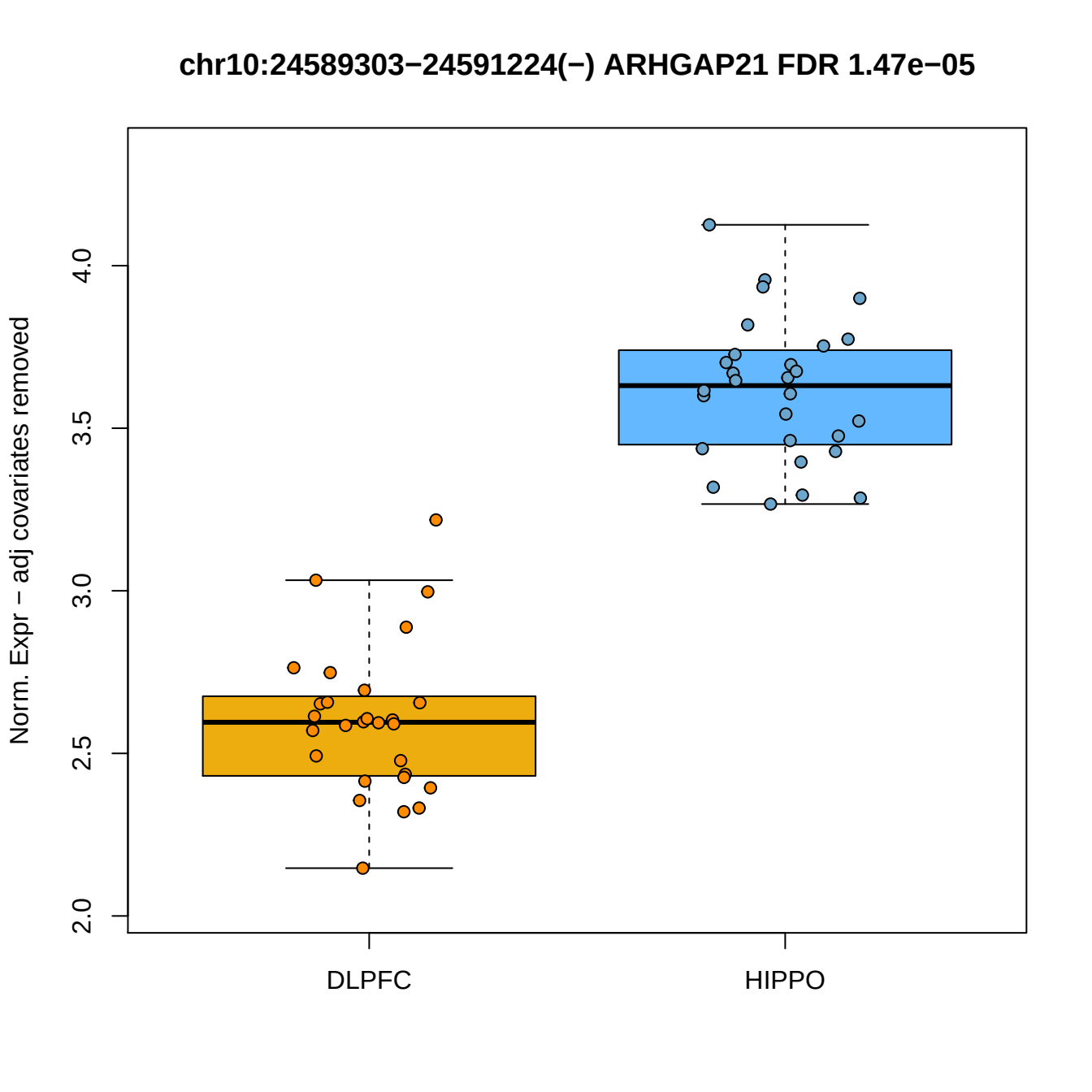

chr9:116863734−116975207(−) ASTN2 FDR 9.76e−06
Norm. Expr − adj covariates removed
−1
−2
−3
−4
−5
DLPFC
HIPPO


chrM:2160−2354(+)  FDR 1.01e−05
Norm. Expr − adj covariates removed
0
−2
−4
−6
−8
−10
DLPFC
HIPPO


chr7:38432213−38436271(−) AMPH FDR 1.37e−05
Norm. Expr − adj covariates removed
4.0
3.5
3.0
2.5
2.0
1.5
DLPFC
HIPPO


chrX:73837504−73841381(−) XIST FDR 1.38e−05
Norm. Expr − adj covariates removed
7
8
9
10
11
12
DLPFC
HIPPO


chr8:60266050−60279688(−) CA8 FDR 1.43e−05
Norm. Expr − adj covariates removed
0
−2
−4
−6
DLPFC
HIPPO


chr10:24589303−24591224(−) ARHGAP21 FDR 1.47e−05
Norm. Expr − adj covariates removed
2.0
2.5
3.0
3.5
4.0
DLPFC
HIPPO