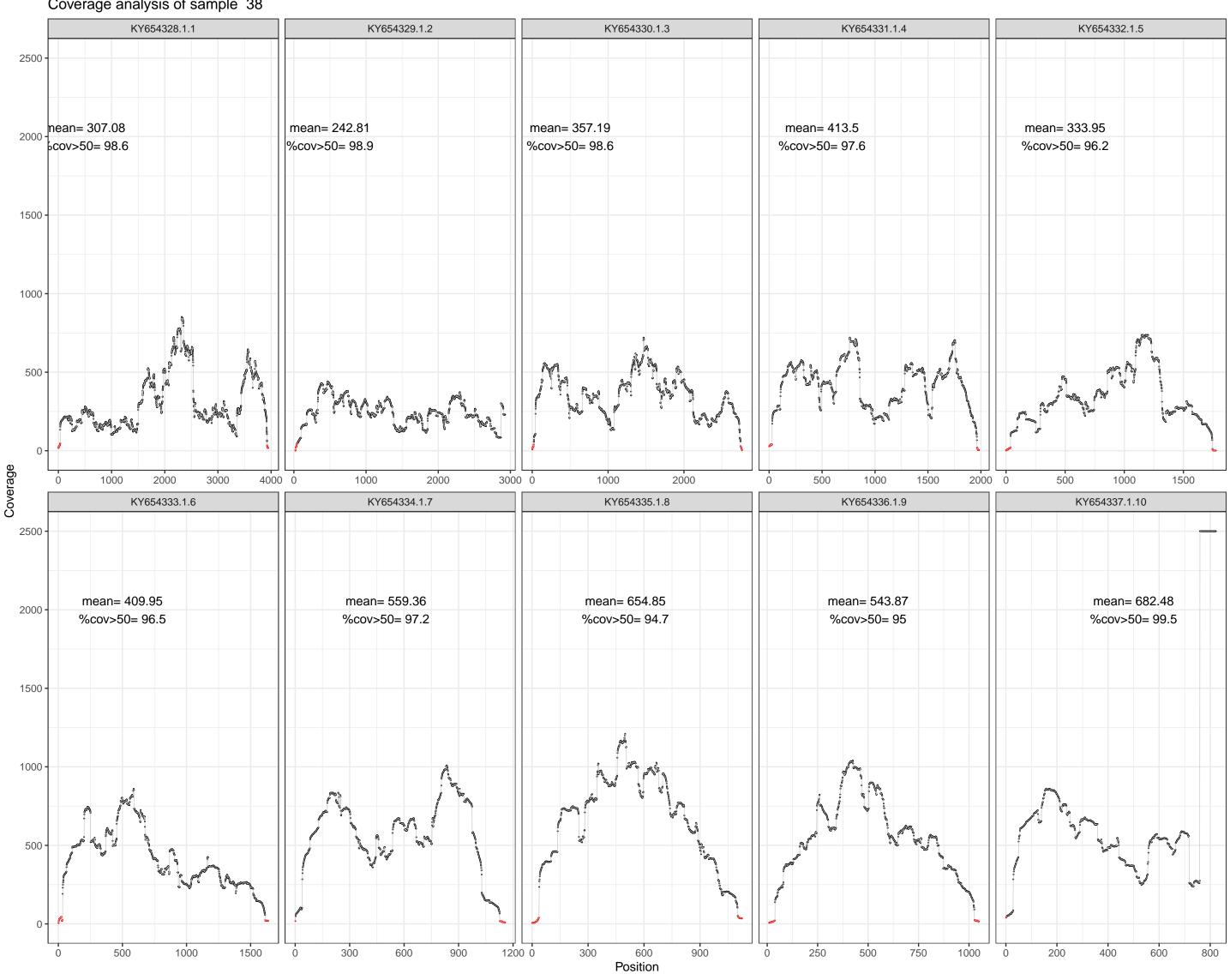
Coverage analysis of sample 38



Coverage analysis of sample A3C KY654328.1.1 KY654329.1.2 KY654331.1.4 KY654332.1.5 KY654330.1.3 mean= 424.57 mean= 627.19 mean= 810.2 mean= 770.45 nean= 469.54 2000 cov>50= 98.7 %cov>50= 99.2 %cov>50= 98.8 %cov>50= 98.5 %cov>50= 96.2 1500 1000 500 -Coverage 1000 2000 2000 3000 4000 0 2000 3000 0 1000 1000 1500 2000 1000 1500 KY654333.1.6 KY654334.1.7 KY654335.1.8 KY654337.1.10 KY654336.1.9 2500 mean= **#0**04.21 mean= 1361.14 mean= 1172.81 mean= 1319.34 2000 -%cov≱50= 98 %cov>50= 97.3 %cov>50= 100 %cov>50= 96.6 1500 1000 500

900

1200 0

300

600

Position

900

250

500

750

1000

200

400

500

1000

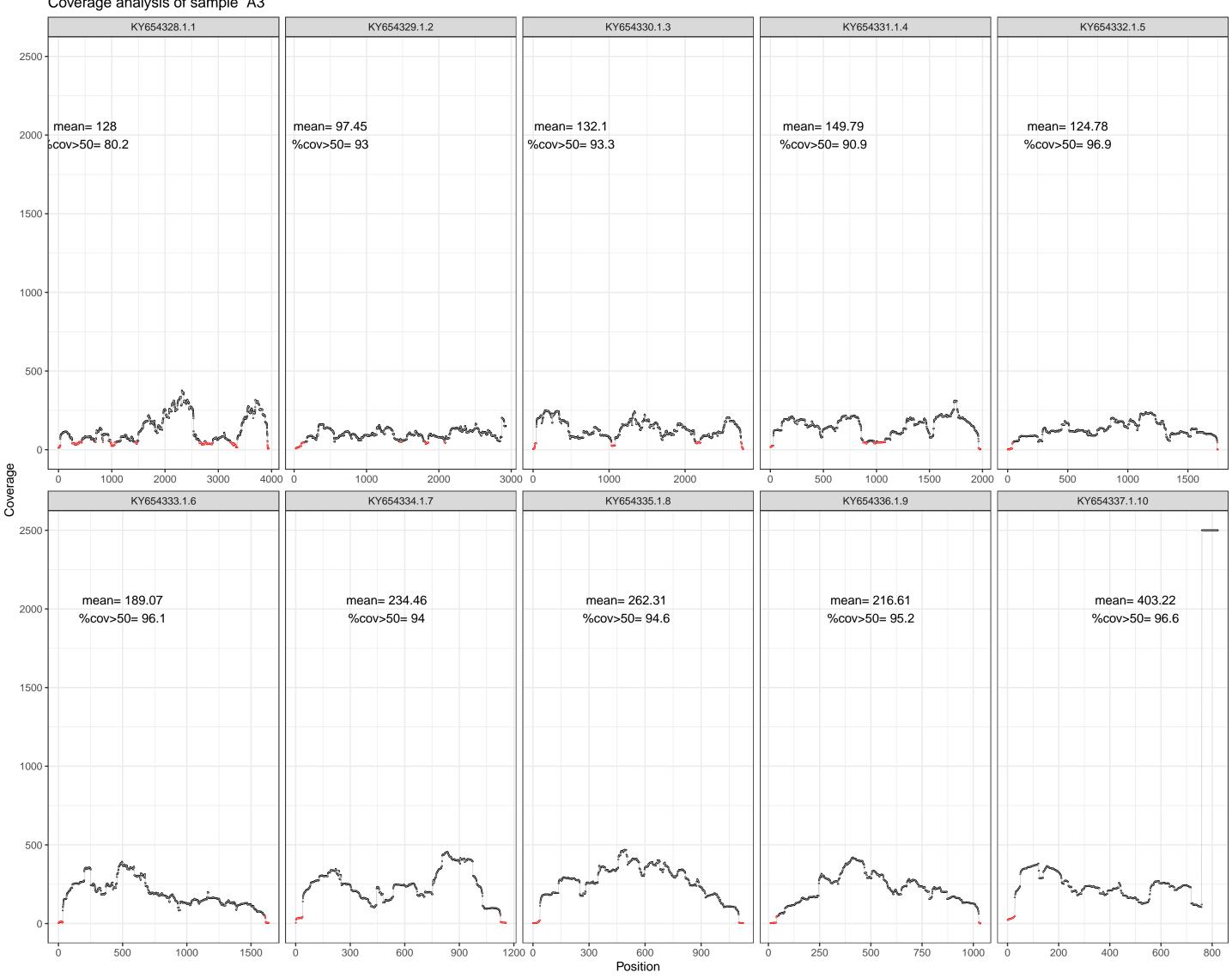
1500

300

600

800

Coverage analysis of sample A3



Coverage analysis of sample C2S KY654328.1.1 KY654329.1.2 KY654330.1.3 KY654331.1.4 KY654332.1.5 2500 nean= 477.64 mean= 307.09 mean= 514.23 mean= 647.82 mean= 534 cov>50= 99.5 %cov>50= 98.7 %cov>50= 99 %cov>50= 98.7 %cov>50= 96.2 1500 -1000 -500 Coverage 2000 3000 4000 0 1000 2000 3000 0 1000 2000 1000 1500 2000 1000 1500 KY654333.1.6 KY654334.1.7 KY654335.1.8 KY654336.1.9 KY654337.1.10 2500 mean= 1086.48 mean= 726.38 mean= 909.35 mean= 1178.16 mean= 1076.75 2000 -%cov>50= 95.6 %cov>50= 96.6 %cov>50= 97.3 %cov>50= 95.6 %cov>50= 100 1500 -1000 500

300

600

Position

900

750

1000

200

400

250

500

500

1000

1500

300

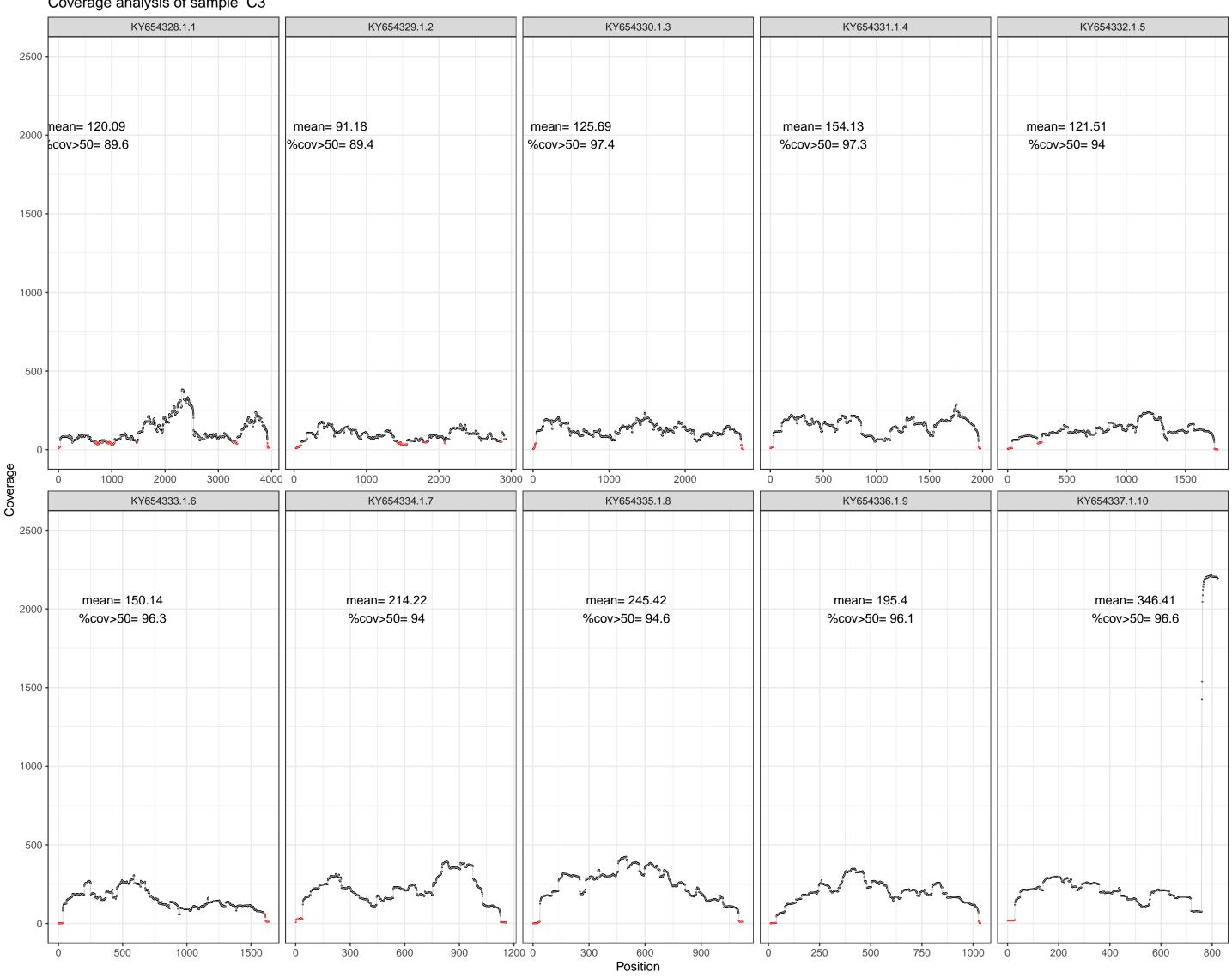
600

900

1200 0

800

Coverage analysis of sample C3



Coverage analysis of sample C3S KY654328.1.1 KY654329.1.2 KY654330.1.3 KY654331.1.4 KY654332.1.5 2500 mean= 166.82 mean= 340.78 mean= 382.95 mean= 345.65 mean= 346.6 2000 cov>50= 98.6 %cov>50= 97.7 %cov>50= 96 %cov>50= 98.6 %cov>50= 96.4 1500 1000 -500 Coverage 1000 2000 500 2000 3000 4000 0 2000 3000 0 1000 1000 1500 2000 1000 1500 KY654333.1.6 KY654334.1.7 KY654335.1.8 KY654336.1.9 KY654337.1.10 2500 mean= 789.42 mean= 515.77 mean= 615.25 mean= 856.28 mean= 932.3 2000 -%cov>50= 97.9 %cov>50= 97.3 %cov>50= 99.4 %cov>50= 100 %cov>50= 95.6 1500 -1000 -

300

600

Position

900

250

500

750

1000

200

400

900

1200 0

500

1000

1500

300

600

800

Coverage analysis of sample D1 KY654328.1.1 KY654329.1.2 KY654330.1.3 KY654331.1.4 KY654332.1.5 2500 mean= 352.95 mean= 477.05 mean= 669.88 mean= 538.87 mean= 493.4 2000 cov>50= 99.3 %cov>50= 99.4 %cov>50= 98.5 %cov>50= 98.8 %cov>50= 96.3 1500 1000 500 Coverage 500 2000 3000 4000 0 1000 2000 3000 0 1000 2000 1000 1500 2000 1000 1500 KY654334.1.7 KY654333.1.6 KY654335.1.8 KY654336.1.9 KY654337.1.10 2500 mean= 545.29 mean= 727.17 mean= 1028.93 mean= 1004.2 2000 -%cov>50= 96.6 %cov>50= 97.3 %cov>50= 100 %cov>50± 97.8 %cov>50= 97.3 1500 -1000 500

300

600

Position

900

250

500

750

1000

200

400

900

1200 0

500

1000

1500

300

600

800

Coverage analysis of sample D2 KY654328.1.1 KY654329.1.2 KY654330.1.3 KY654331.1.4 KY654332.1.5 2500 mean= 403.61 mean= 551.92 mean= 733.35 mean= 642.37 nean= 538.98 2000 cov>50= 99.3 %cov>50= 99.4 %cov>50= 99.2 %cov>50= 98.5 %cov>50= 96.2 1500 1000 500 Coverage 1000 3000 0 2000 3000 4000 0 2000 2000 1000 1500 2000 0 1000 1500 KY654334.1.7 KY654333.1.6 KY654335.1.8 KY654336.1.9 KY654337.1.10 2500 mean= 1563.89 mean= 614.72 mean= 930.61 mean= 1343.74 mean= 1200.82 2000 -%cov>50= 97.7 %cov>50= 97.3 %cov>50= 97.6 %cov>50= 98.8 %cov>50= 100 1500 -1000

300

600

Position

900

250

500

750

1000

200

400

900

1200 0

500

1000

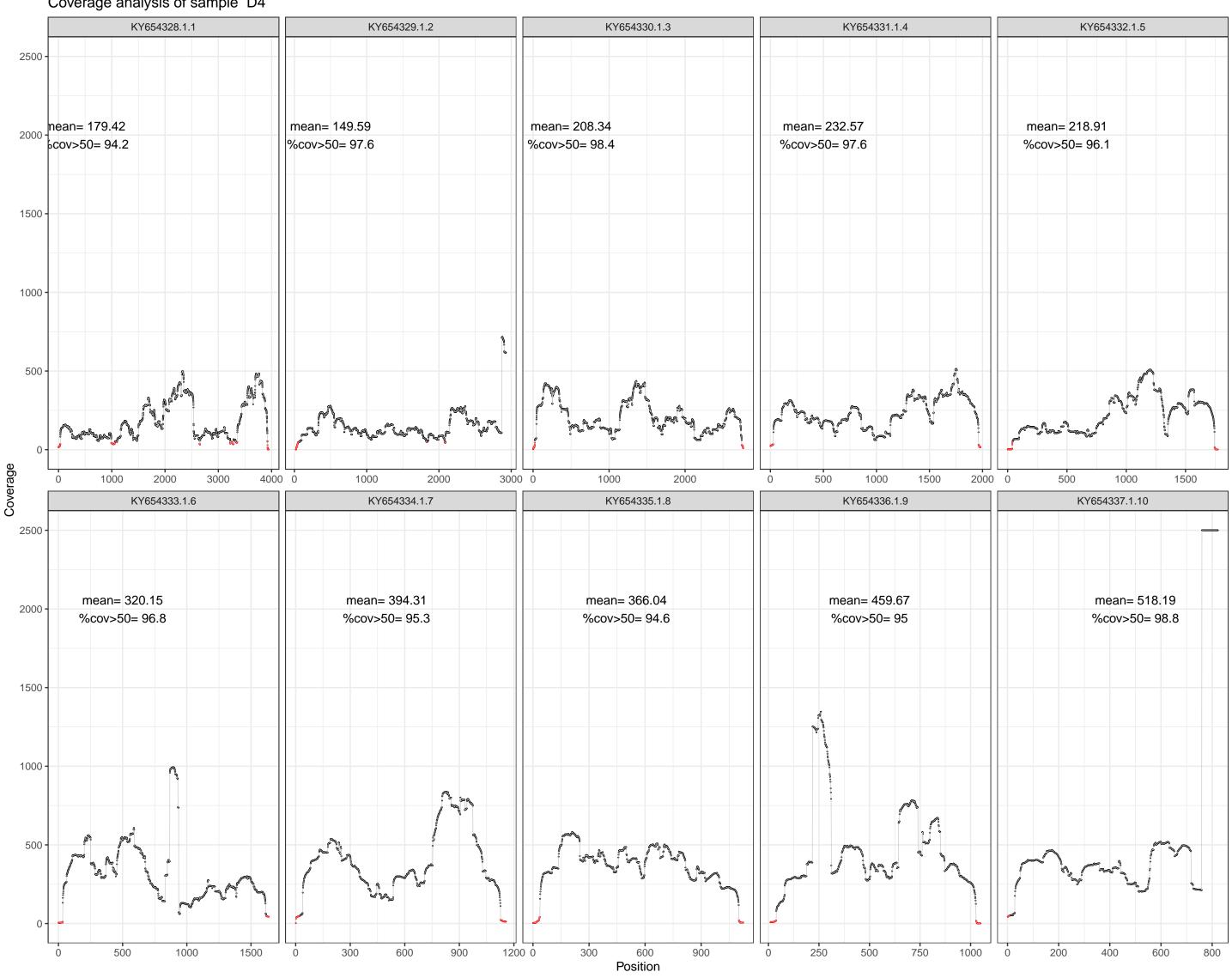
1500

300

600

800

Coverage analysis of sample D4



Coverage analysis of sample F4 KY654328.1.1 KY654329.1.2 KY654330.1.3 KY654331.1.4 KY654332.1.5 2500 mean= 425.28 mean= 455.73 mean= 378.39 nean= 287.42 mean= 218.59 2000 cov>50= 96.2 %cov>50= 99 %cov>50= 96.8 %cov>50= 94.1 %cov>50= 96.2 1500 1000 500 Coverage 3000 2000 500 2000 4000 0 1000 2000 3000 0 1000 1000 1500 2000 1000 1500 KY654333.1.6 KY654334.1.7 KY654335.1.8 KY654336.1.9 KY654337.1.10 2500 mean= 432.45 mean= 616.31 mean= 670.84 mean= 411.53 mean= 1027.09 2000 -%cov>50= 96.5 %cov>50= 94.9 %cov>50= 97.3 %cov>50= 95.2 %cov>50= 100 1500 -1000 -500

300

600

Position

900

750

1000

200

400

250

500

900

1200 0

500

1000

1500

300

600

800

Coverage analysis of sample G3 KY654328.1.1 KY654329.1.2 KY654331.1.4 KY654332.1.5 KY654330.1.3 2500 mean= 281.24 mean= 443.56 mean= 582.63 mean= 469.65 nean= 408.94 2000 cov>50= 99.3 %cov>50= 96.9 %cov>50= 98.8 %cov>50= 99.4 %cov>50= 96.2 1500 1000 500 Coverage 1000 2000 500 2000 3000 4000 0 2000 3000 0 1000 1000 1500 2000 1000 1500 KY654334.1.7 KY654333.1.6 KY654335.1.8 KY654336.1.9 KY654337.1.10 2500 mean= 609.27 mean= 802.59 mean= 911.51 mean= 711.1 mean= 961.62 2000 -%cov>50= 96.6 %cov>50= 100 %cov>50= 97.3 %cov>50= 95.5 %cov>50= 95.7 1500 1000 500

300

600

Position

900

250

500

750

1000

200

400

500

1000

1500

300

600

900

1200 0

800

Coverage analysis of sample G4 KY654328.1.1 KY654329.1.2 KY654330.1.3 KY654331.1.4 KY654332.1.5 2500 mean= 256.85 mean= 386.66 mean= 405.87 mean= 282.39 nean= 325.39 2000 cov>50= 97.2 %cov>50= 98.3 %cov>50= 97.6 %cov>50= 96.1 cov>50=96.21500 1000 500 Coverage 500 2000 3000 4000 0 1000 2000 3000 0 1000 2000 1000 1500 2000 500 1000 1500 KY654333.1.6 KY654334.1.7 KY654335.1.8 KY654336.1.9 KY654337.1.10 2500 mean= 444.83 mean= 615.72 mean= 653.45 mean= 448.15 mean= 826.08 2000 -%cov>50= 96.8 %cov>50= 97.3 %cov>50= 94.8 %cov>50= 94.9 %cov>50= 100 1500 -1000 -

300

600

Position

900

250

500

750

1000

200

400

800

600

500

1000

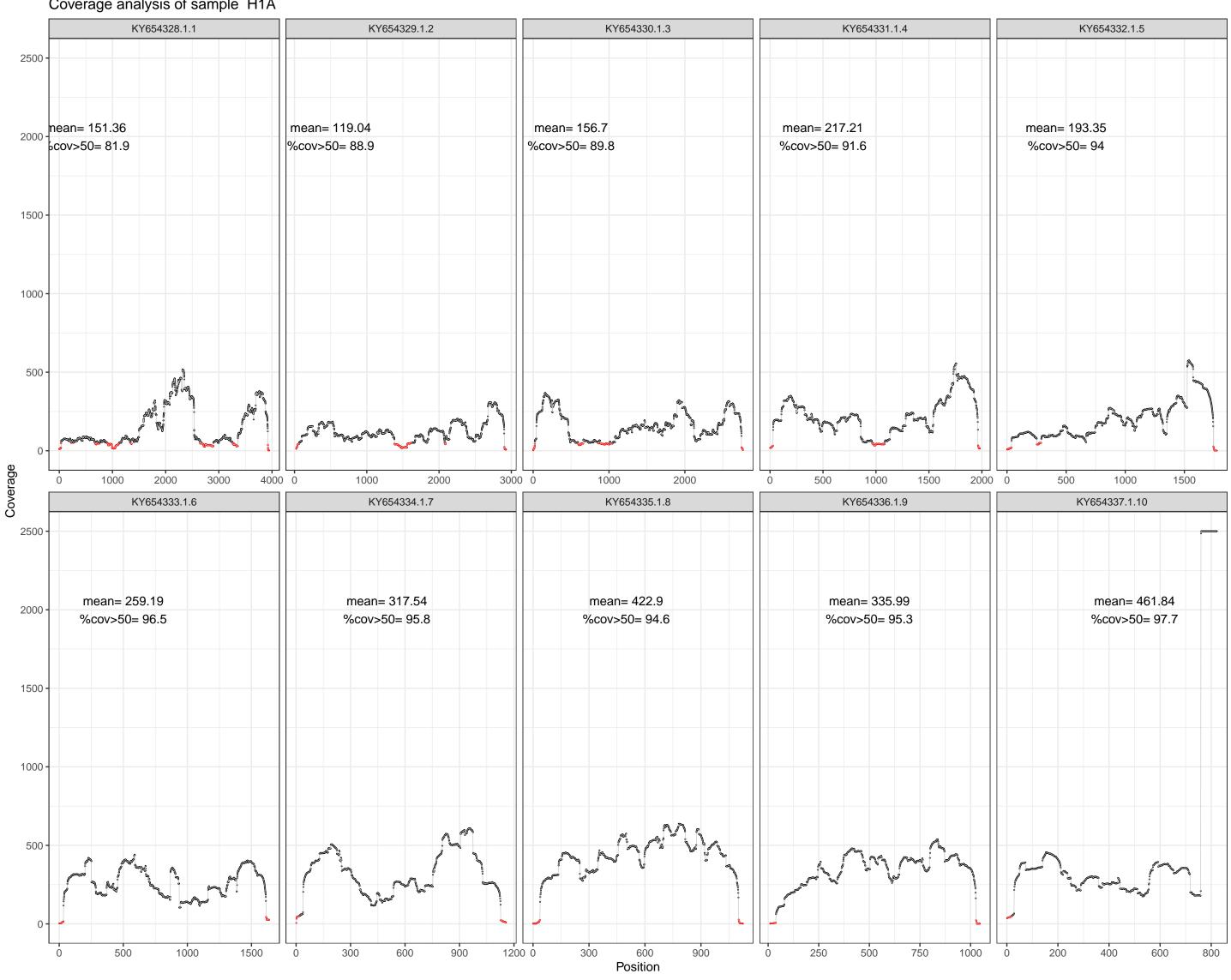
1500

300

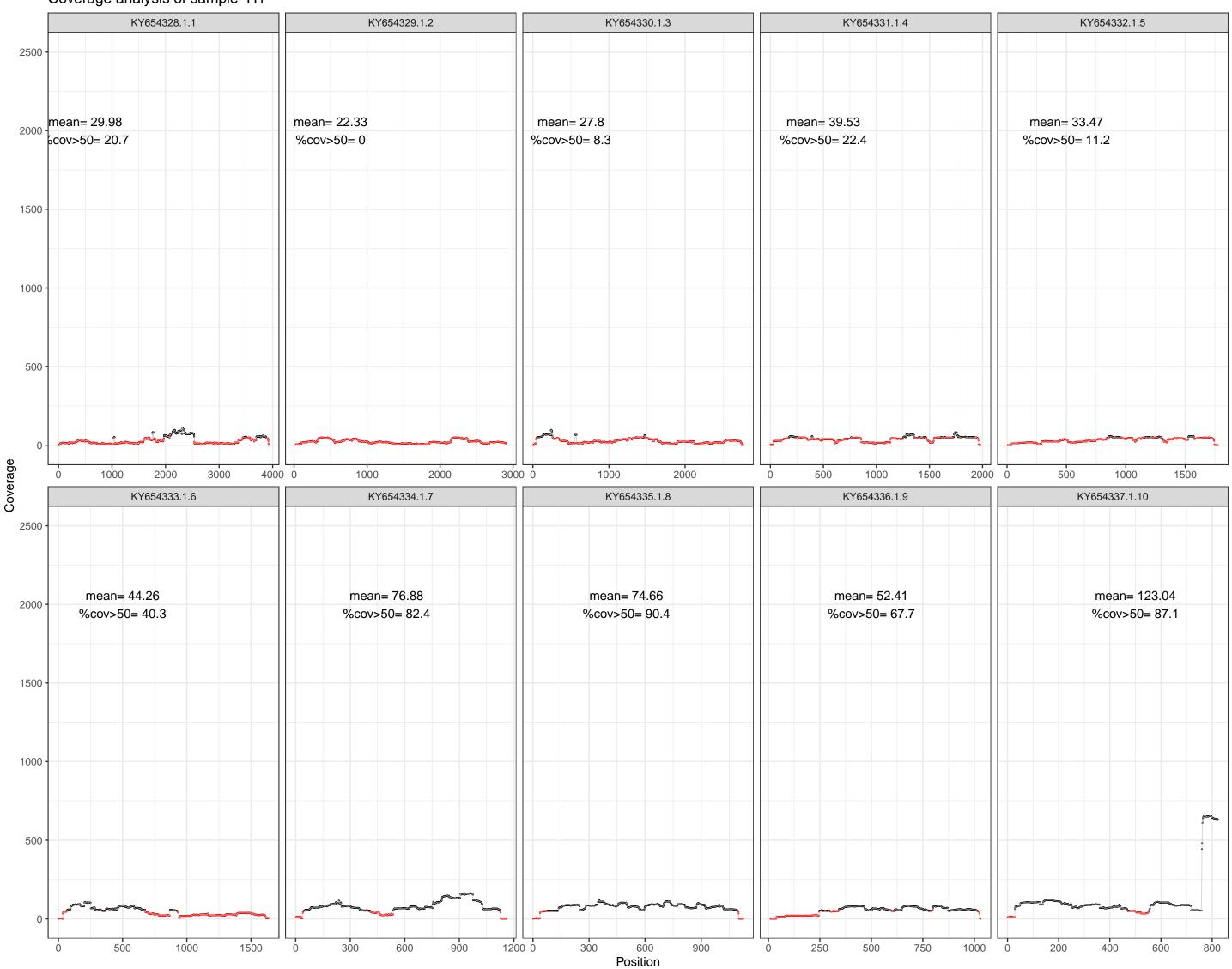
600

900

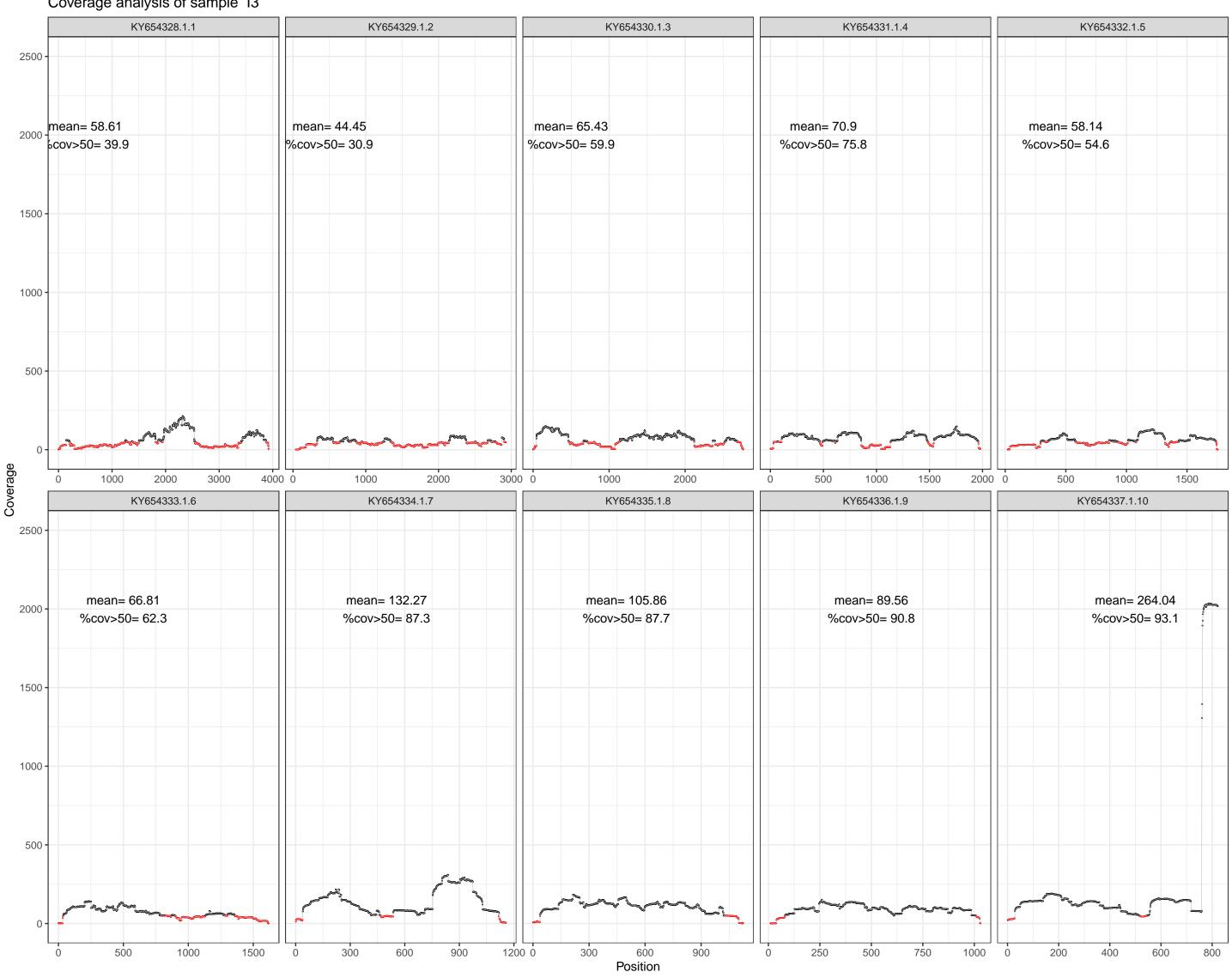
Coverage analysis of sample H1A



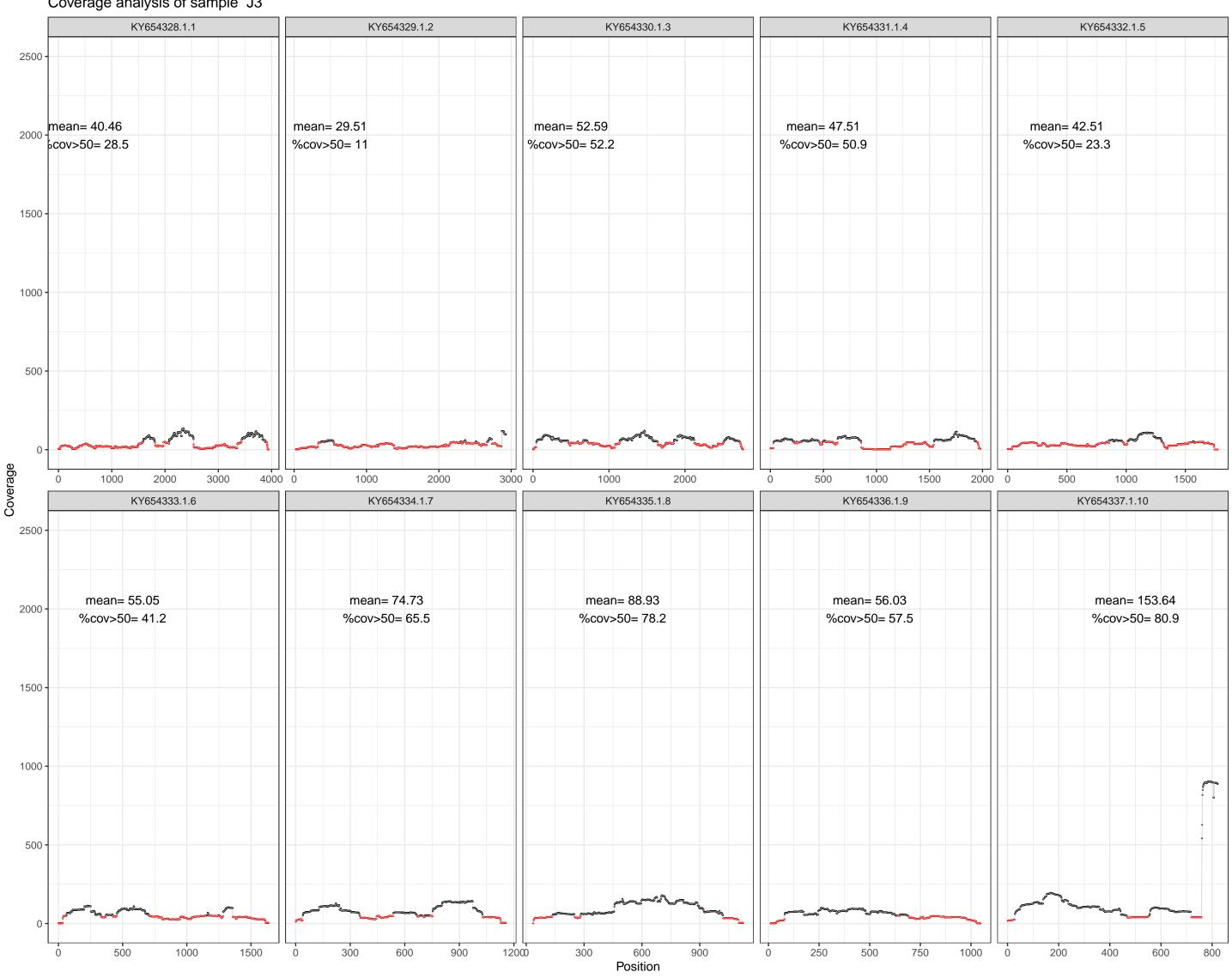
Coverage analysis of sample H1 KY654328.1.1 KY654329.1.2 KY654331.1.4 KY654332.1.5 KY654330.1.3 mean= 22.33 mean= 27.8 mean= 39.53 mean= 33.47 cov>50= 20.7 %cov>50= 22.4 cov>50=0cov>50=8.3%cov>50= 11.2 500 -2000 500 1000 2000 3000 0 1000 1000 1500 2000 0 1500 2000 3000 4000 0 1000 KY654335.1.8 KY654333.1.6 KY654334.1.7 KY654336.1.9 KY654337.1.10 mean= 44.26 mean= 76.88 mean= 74.66 mean= 52.41 mean= 123.04 %cov>50= 40.3 %cov>50= 82.4 %cov>50= 90.4 %cov>50= 67.7 %cov>50= 87.1



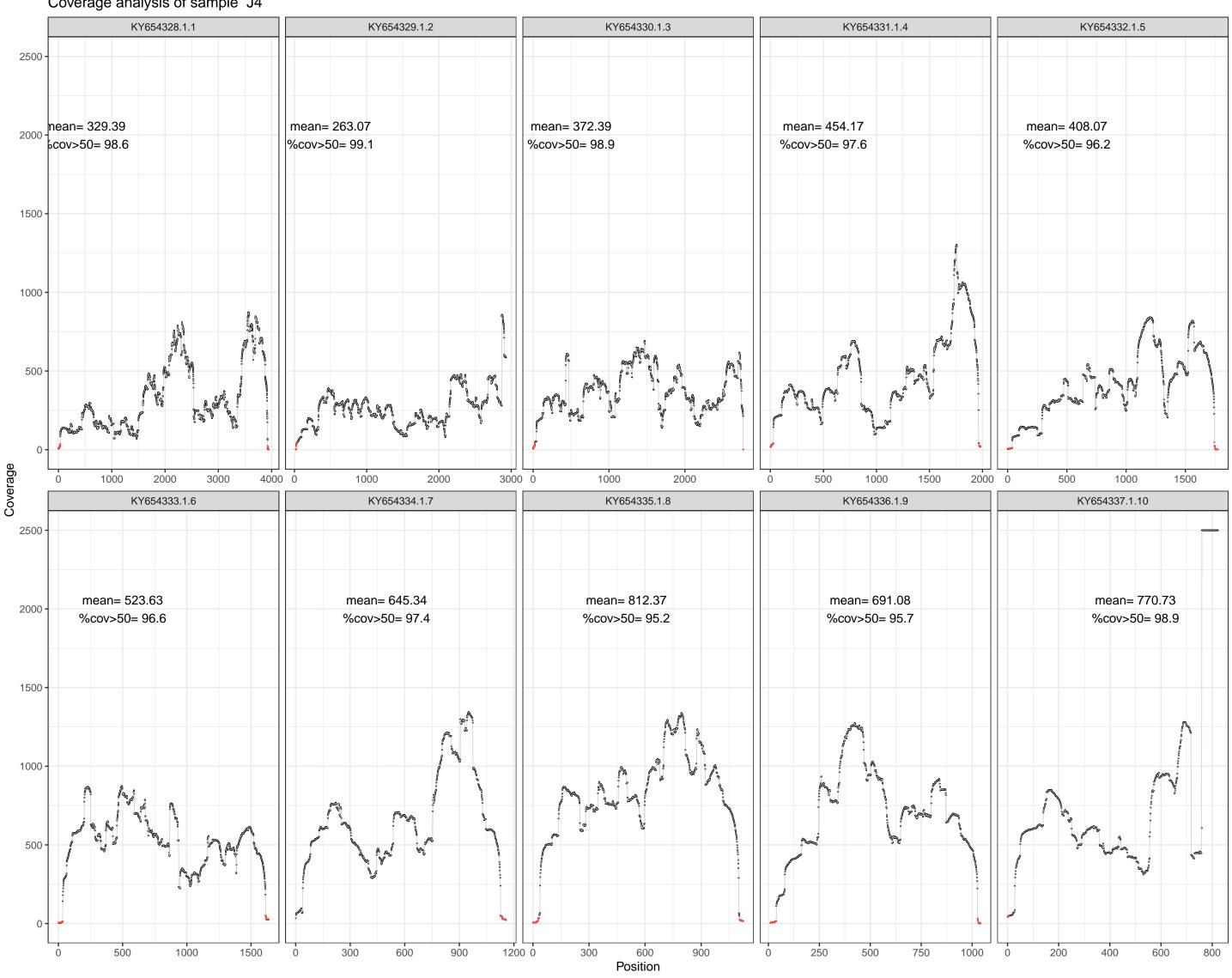
Coverage analysis of sample 13



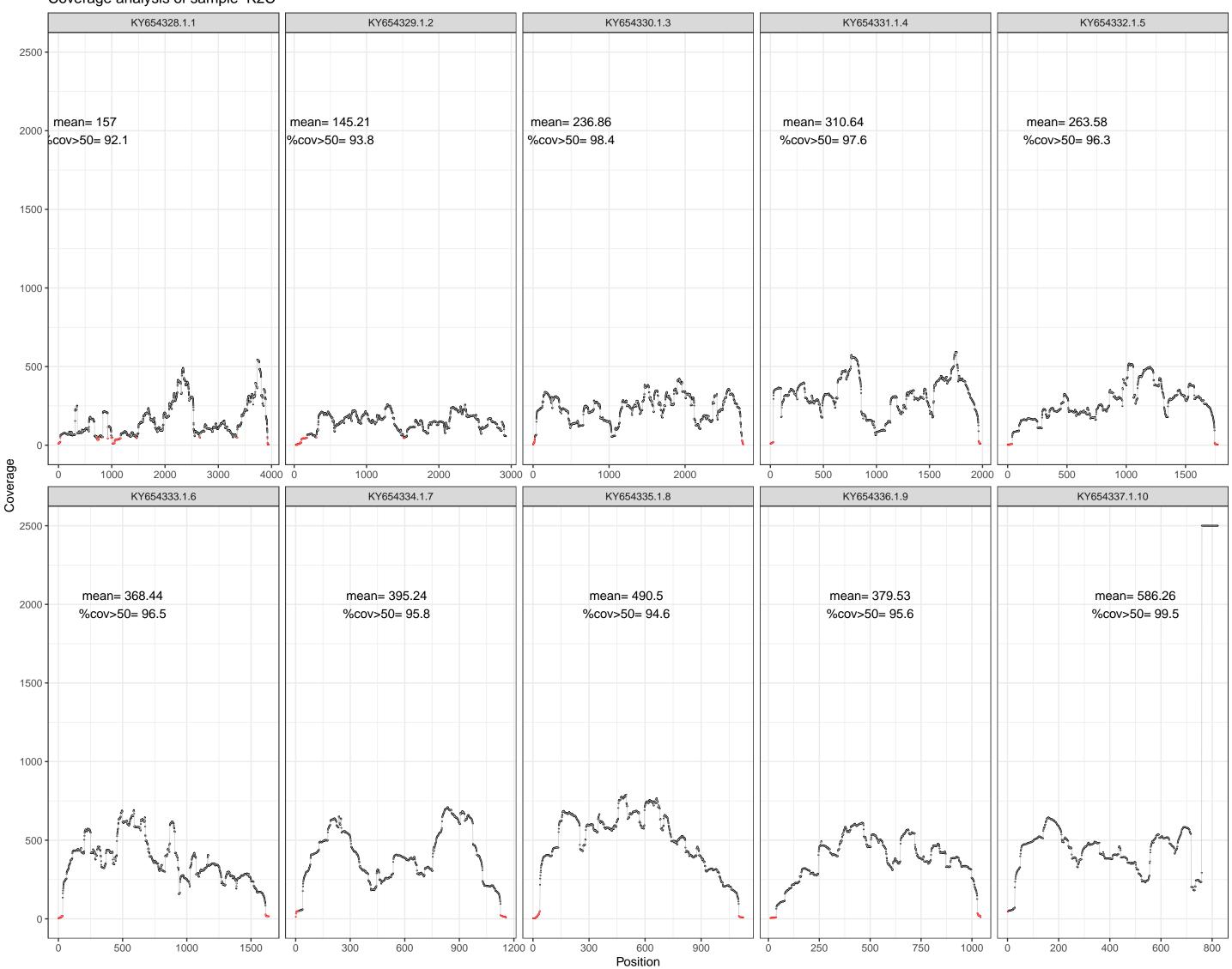
Coverage analysis of sample J3



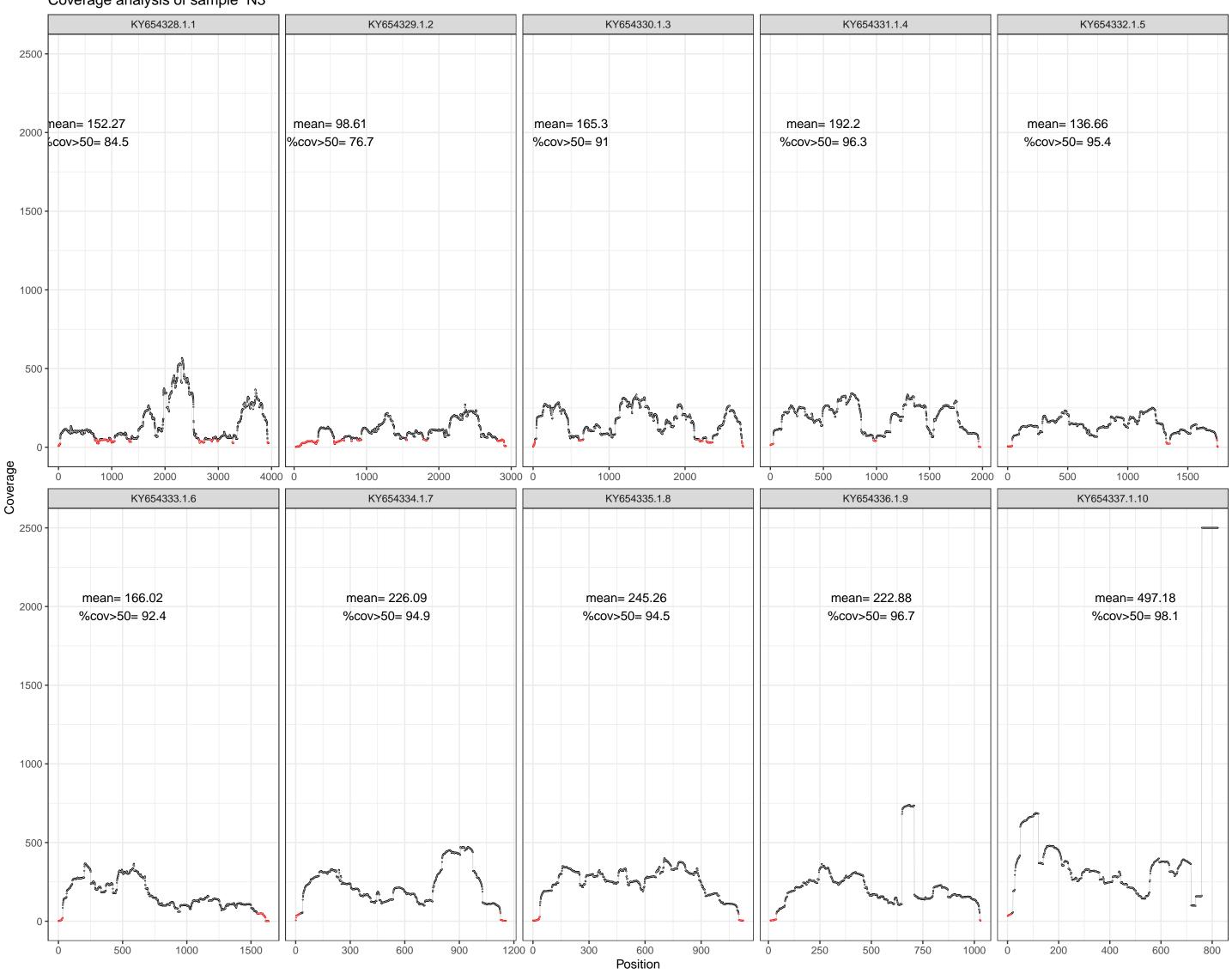
Coverage analysis of sample J4



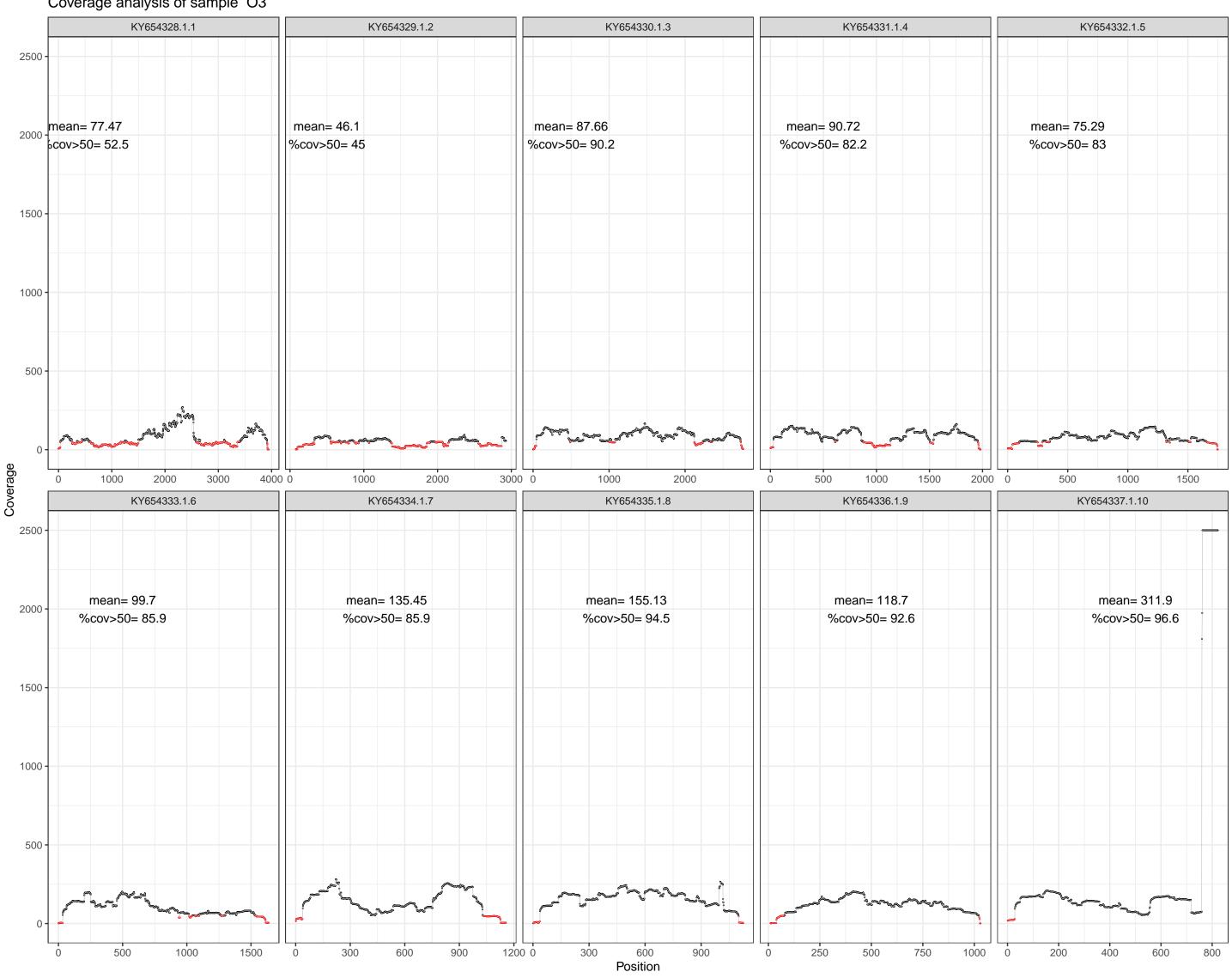
Coverage analysis of sample K2C KY654328.1.1 KY654329.1.2 KY654330.1.3 KY654331.1.4 KY654332.1.5 2500 mean= 236.86 mean= 263.58 mean= 145.21 mean= 310.64 mean= 157 2000 cov>50= 92.1 %cov>50= 97.6 %cov>50= 93.8 %cov>50= 98.4 %cov>50= 96.3 1500 1000 500 2000 3000 4000 0 1000 2000 3000 0 1000 2000 1000 1500 2000 1000 1500 KY654333.1.6 KY654334.1.7 KY654335.1.8 KY654336.1.9 KY654337.1.10 2500 mean= 368.44 mean= 395.24 mean= 490.5 mean= 379.53 mean= 586.26 2000 -%cov>50= 96.5 %cov>50= 95.8 %cov>50= 94.6 %cov>50= 95.6 %cov>50= 99.5 1500 -1000



Coverage analysis of sample N3



Coverage analysis of sample O3



Coverage analysis of sample S1

