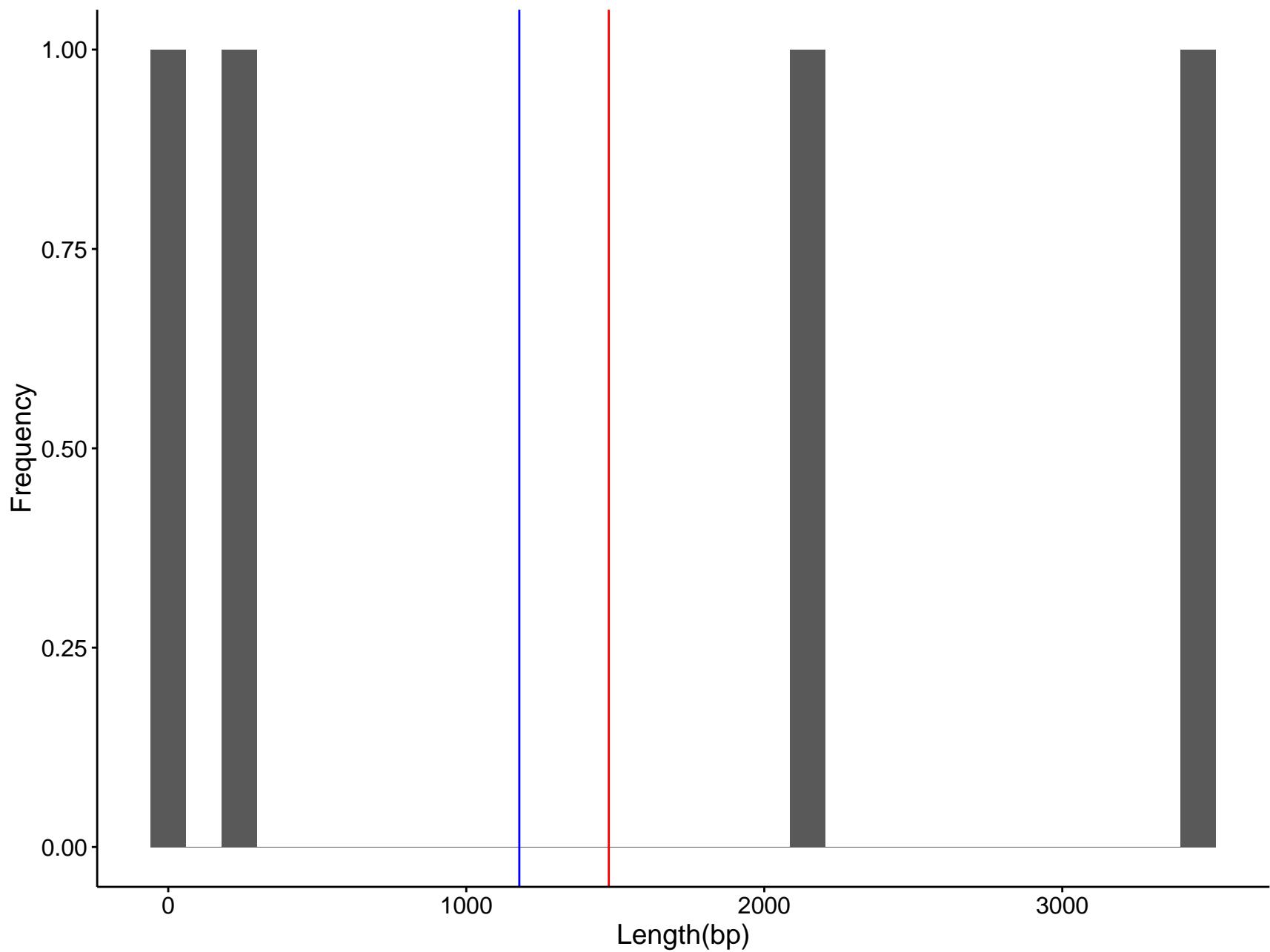
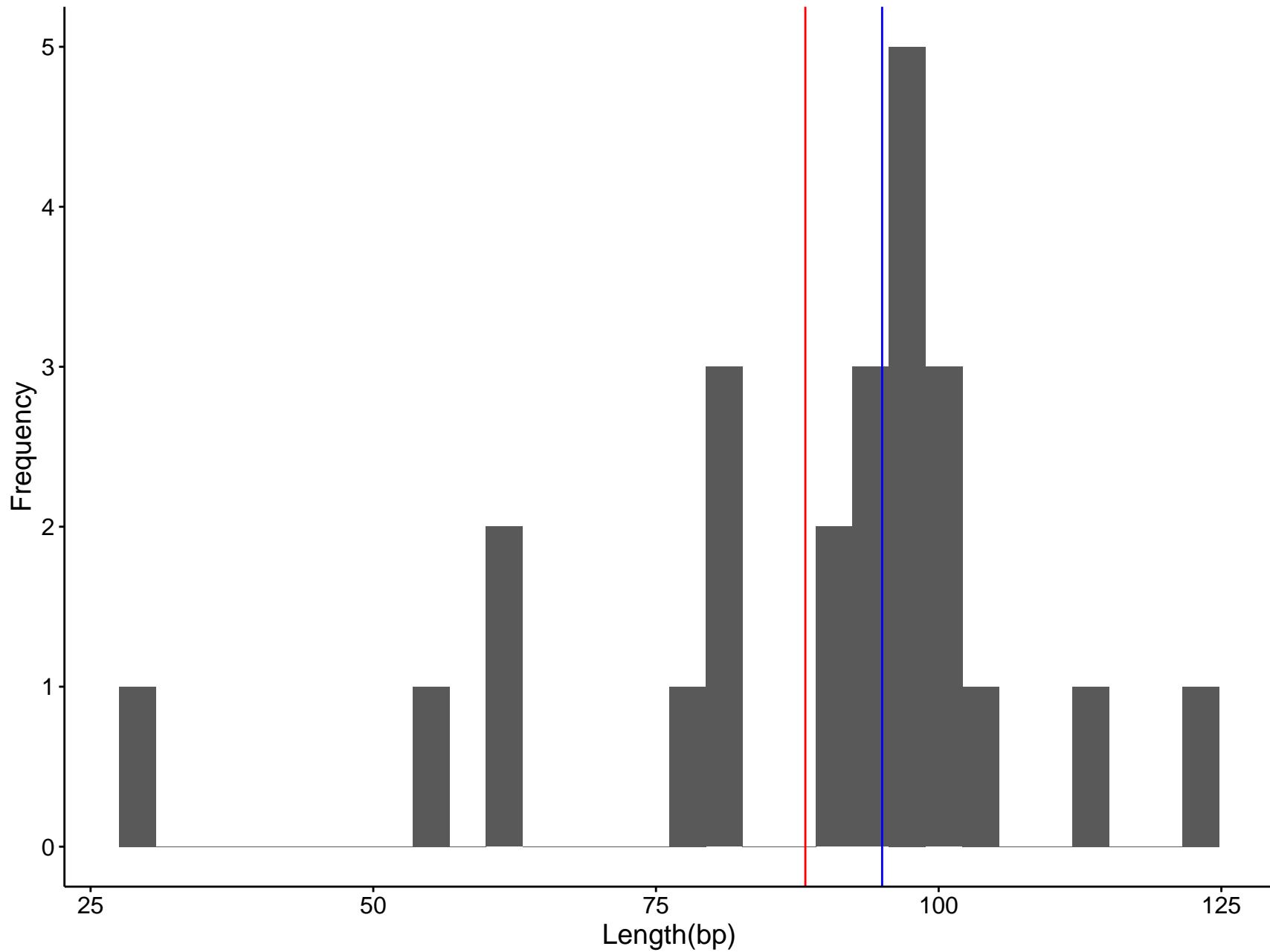


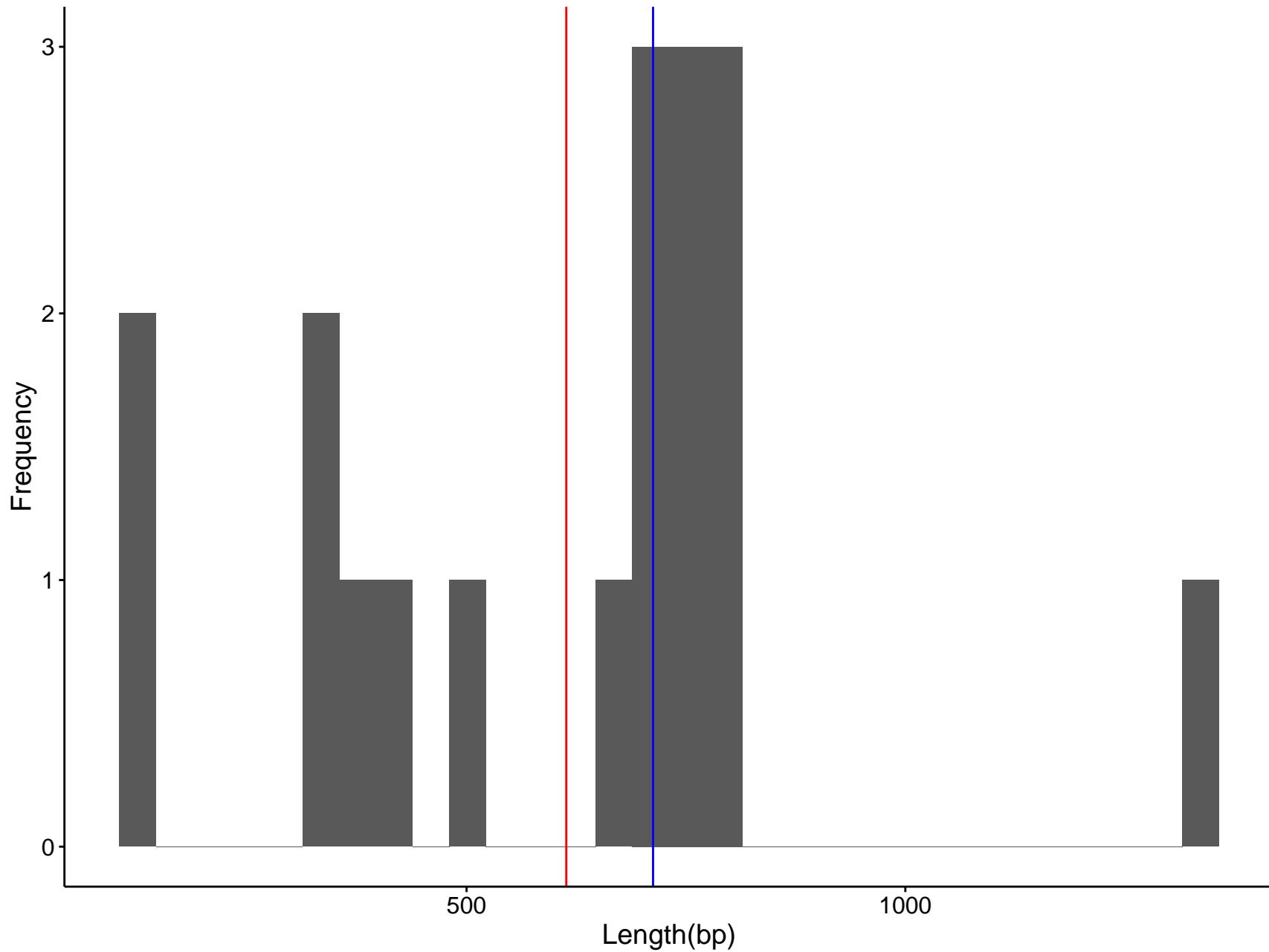
Cluster1003

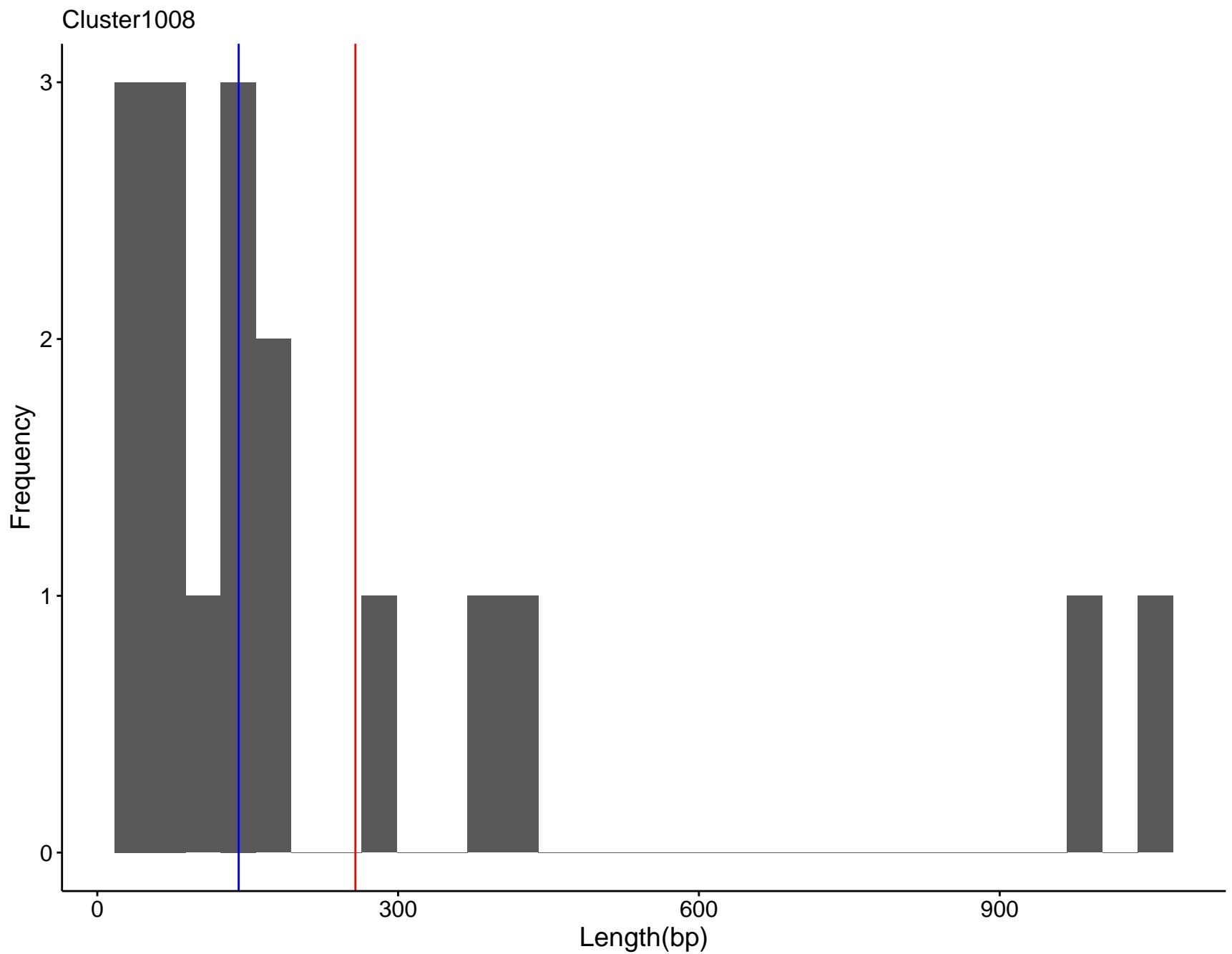


Cluster1005

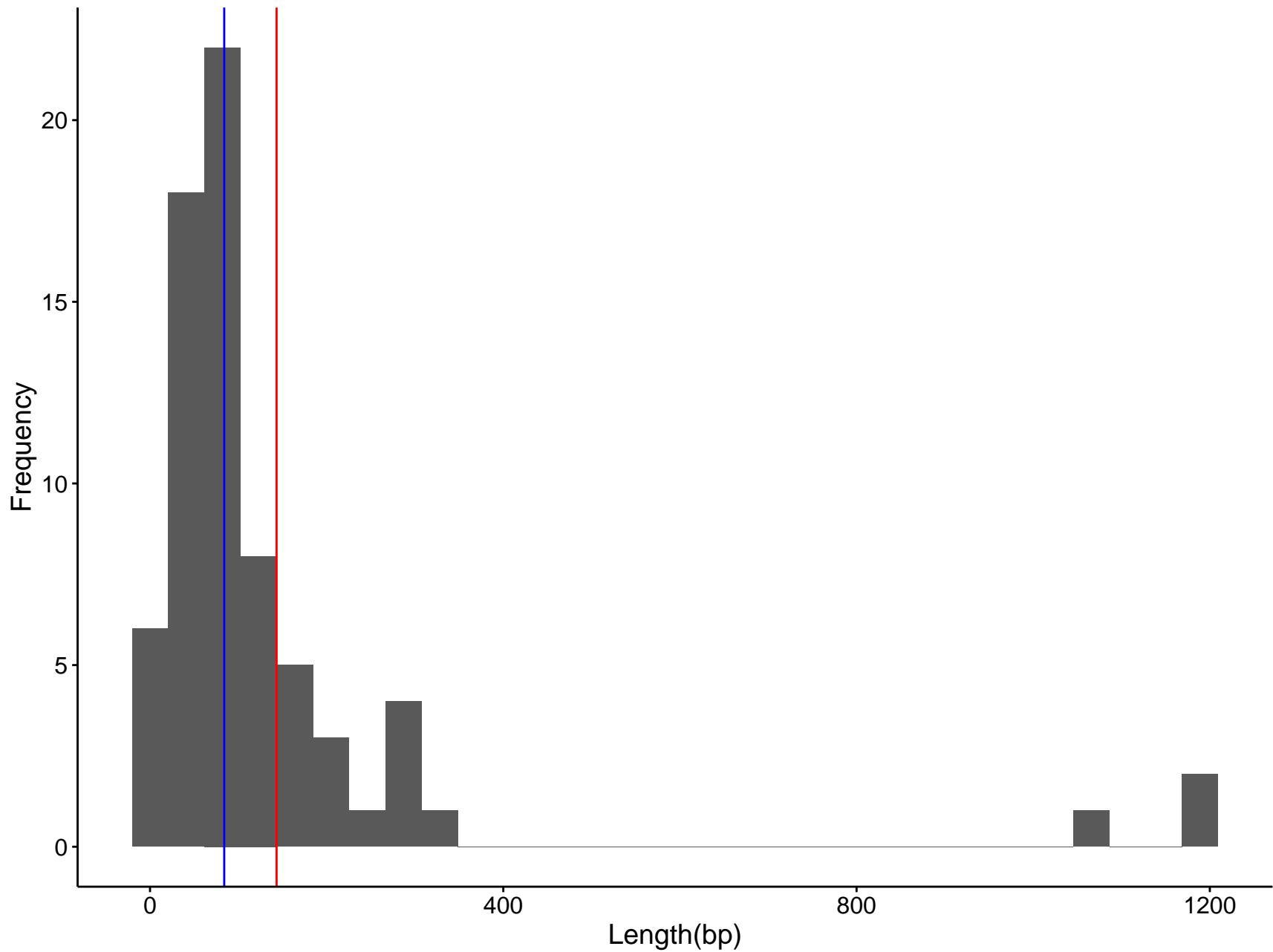


Cluster1006

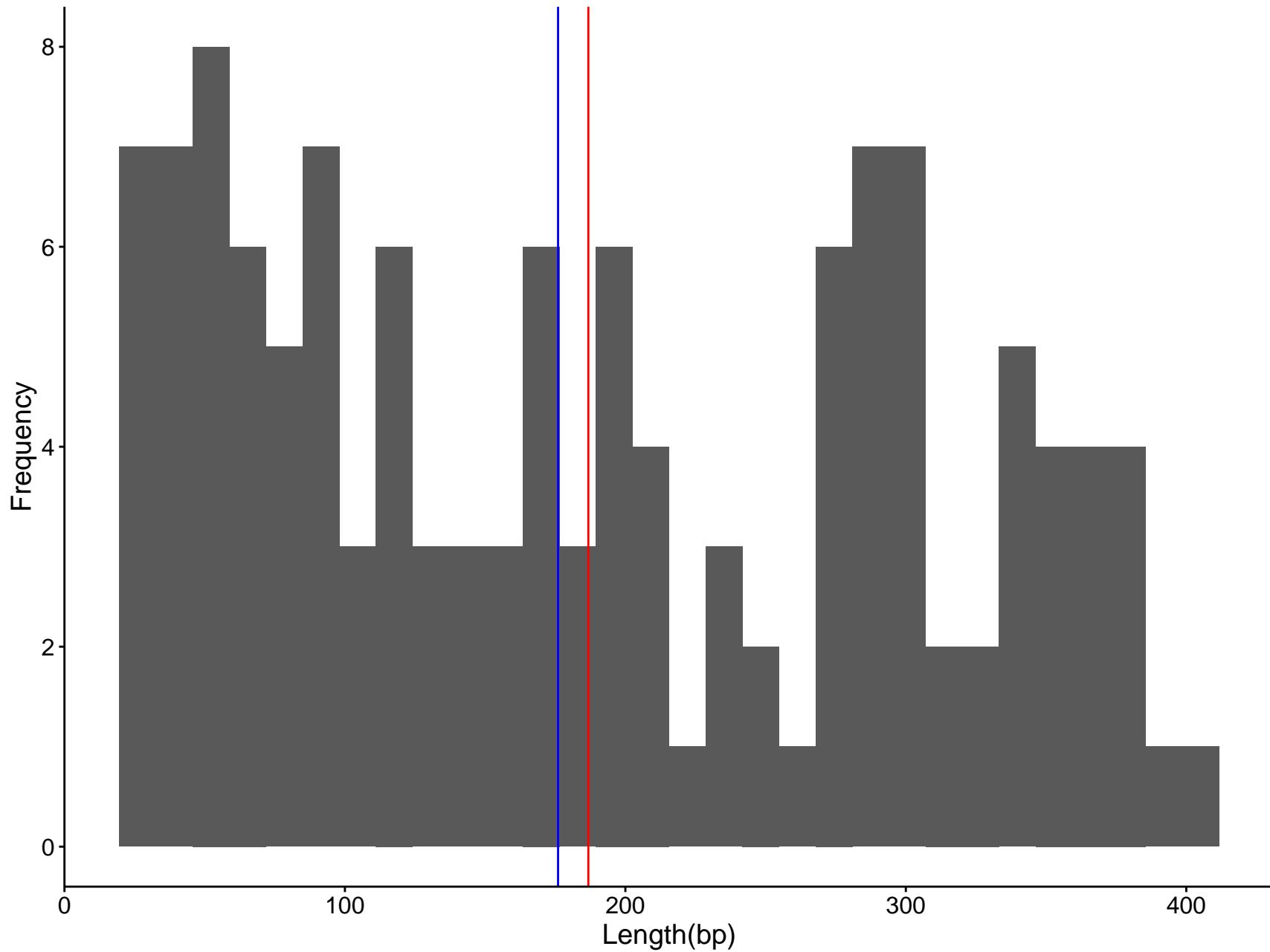




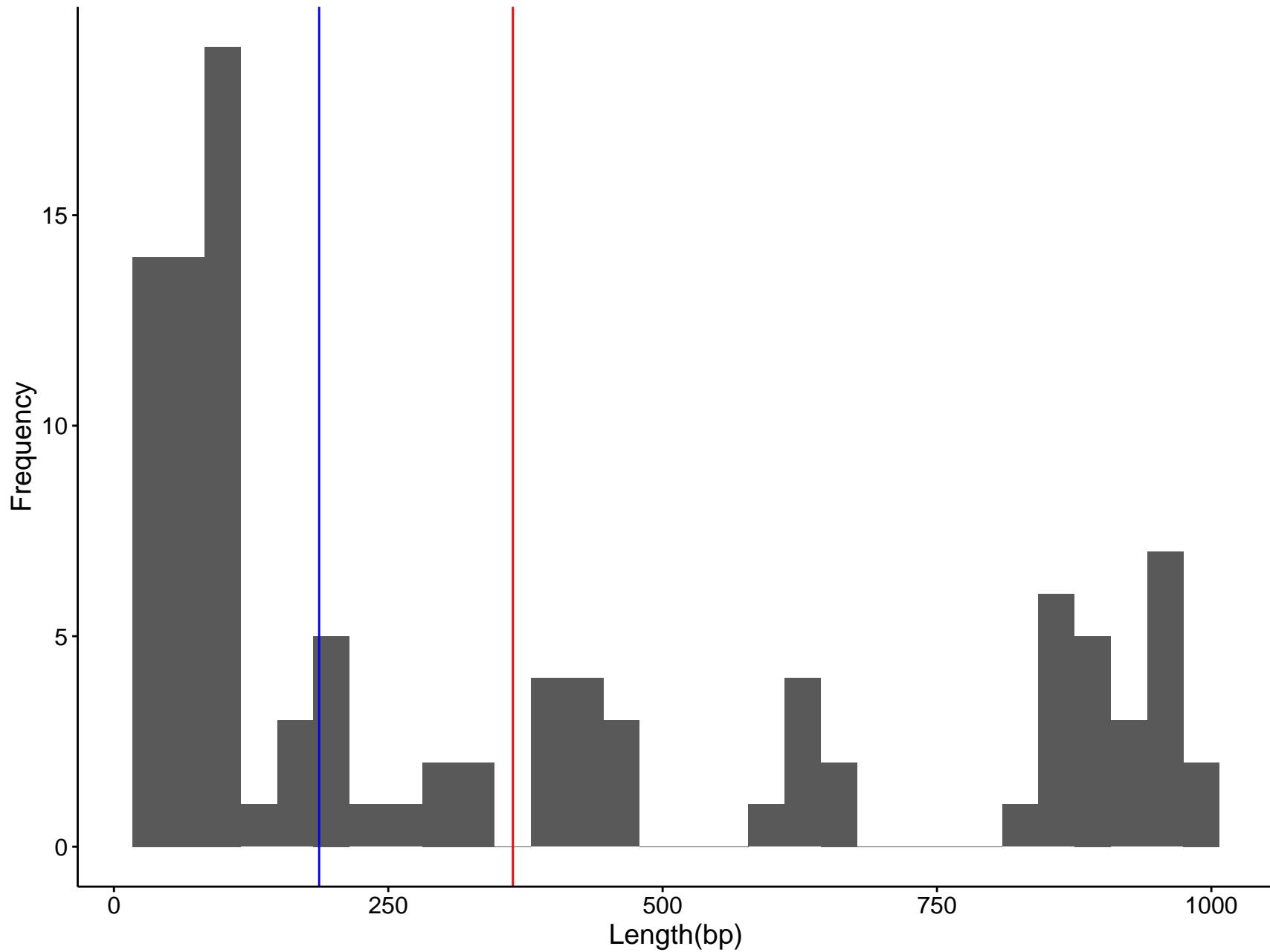
Cluster1009



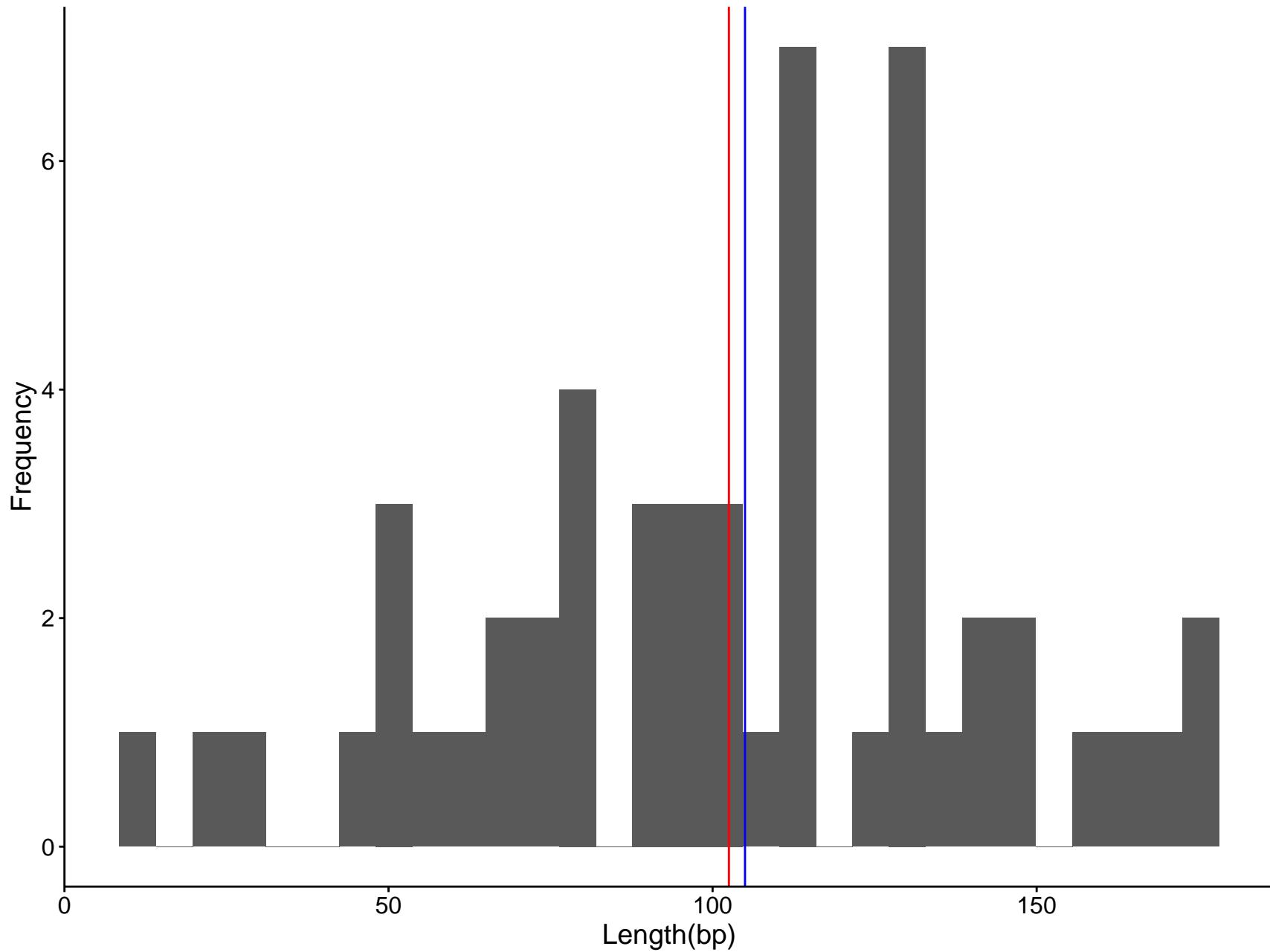
Cluster1010



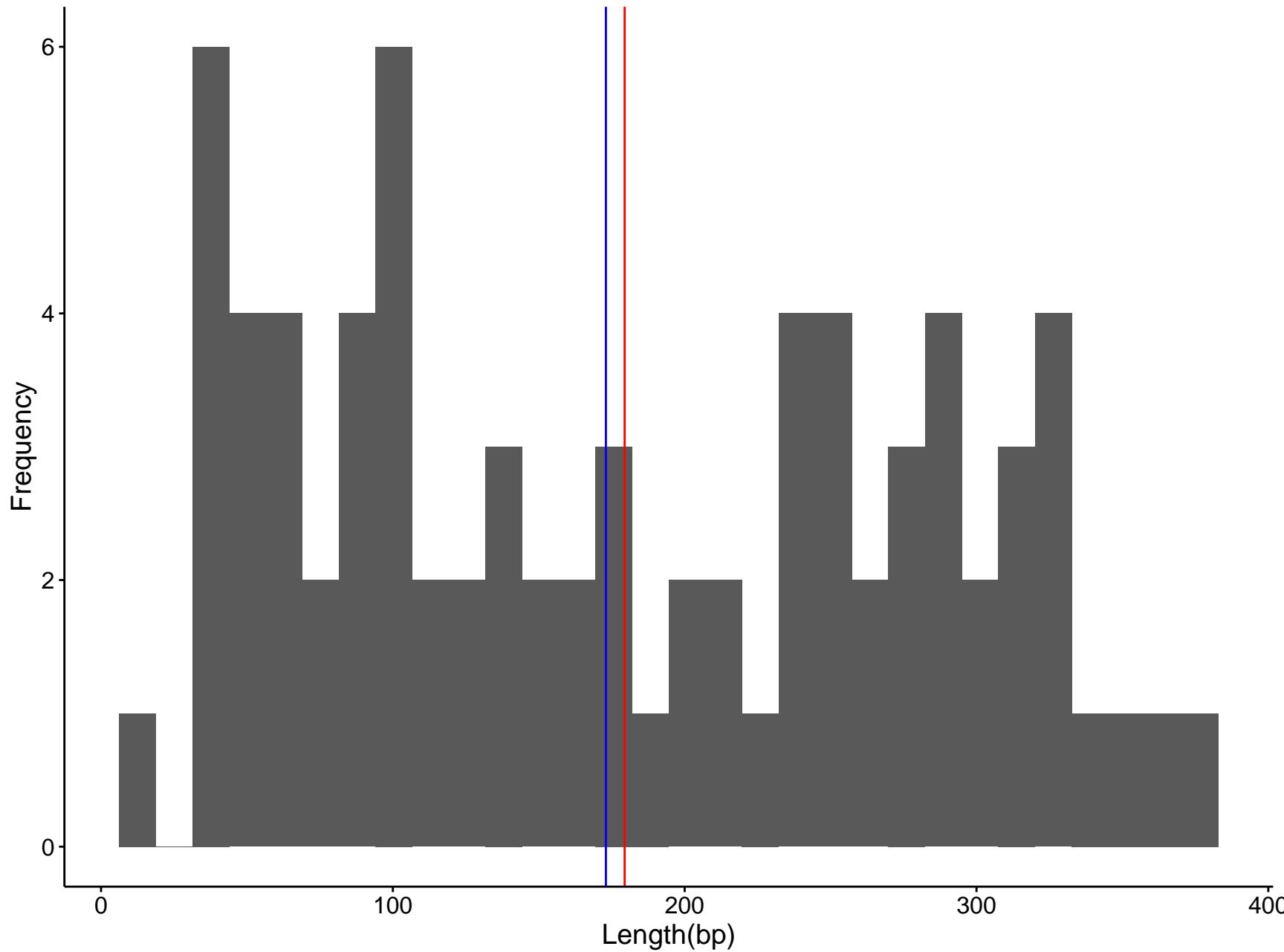
Cluster1011



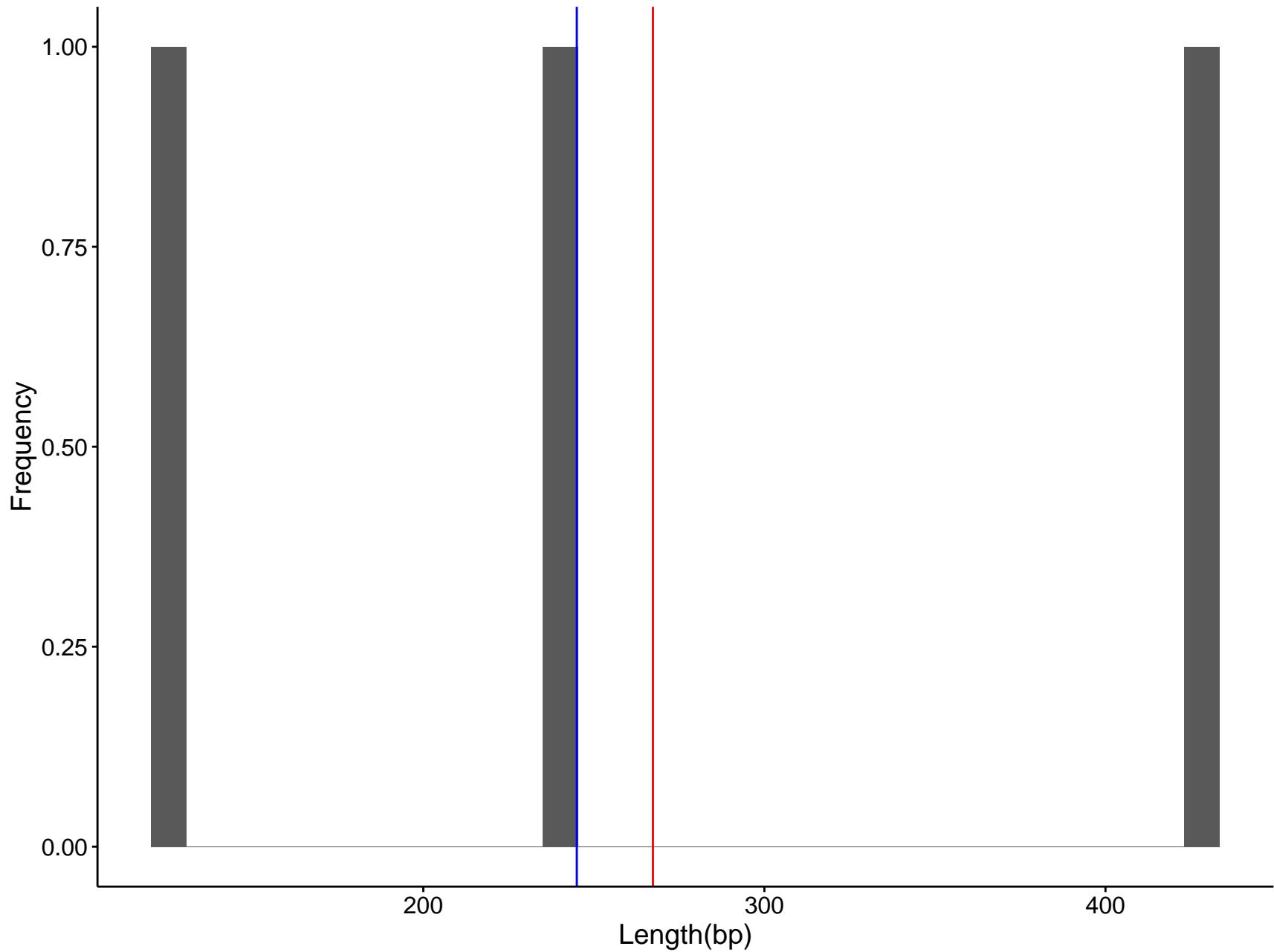
Cluster1012



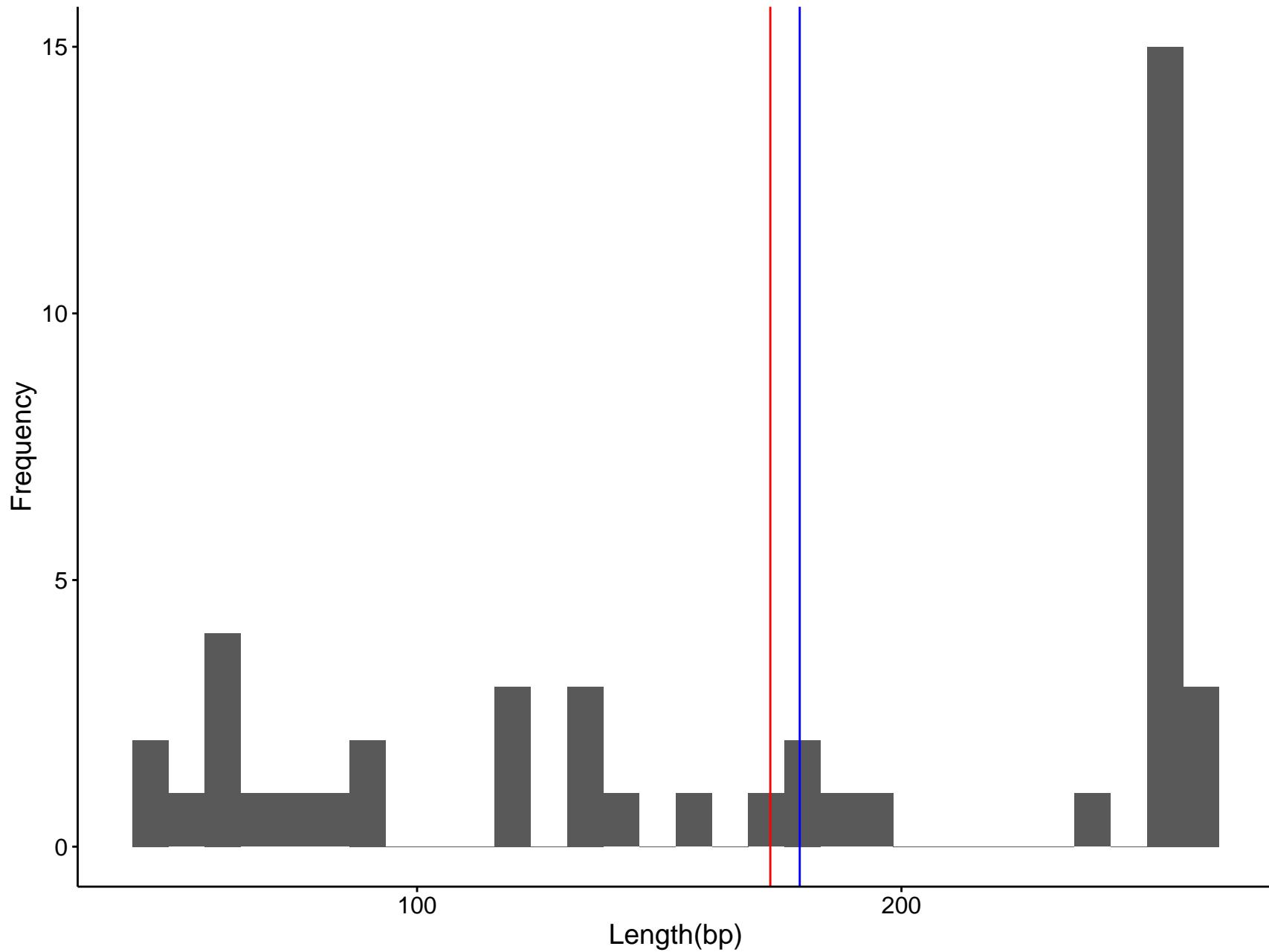
Cluster1013



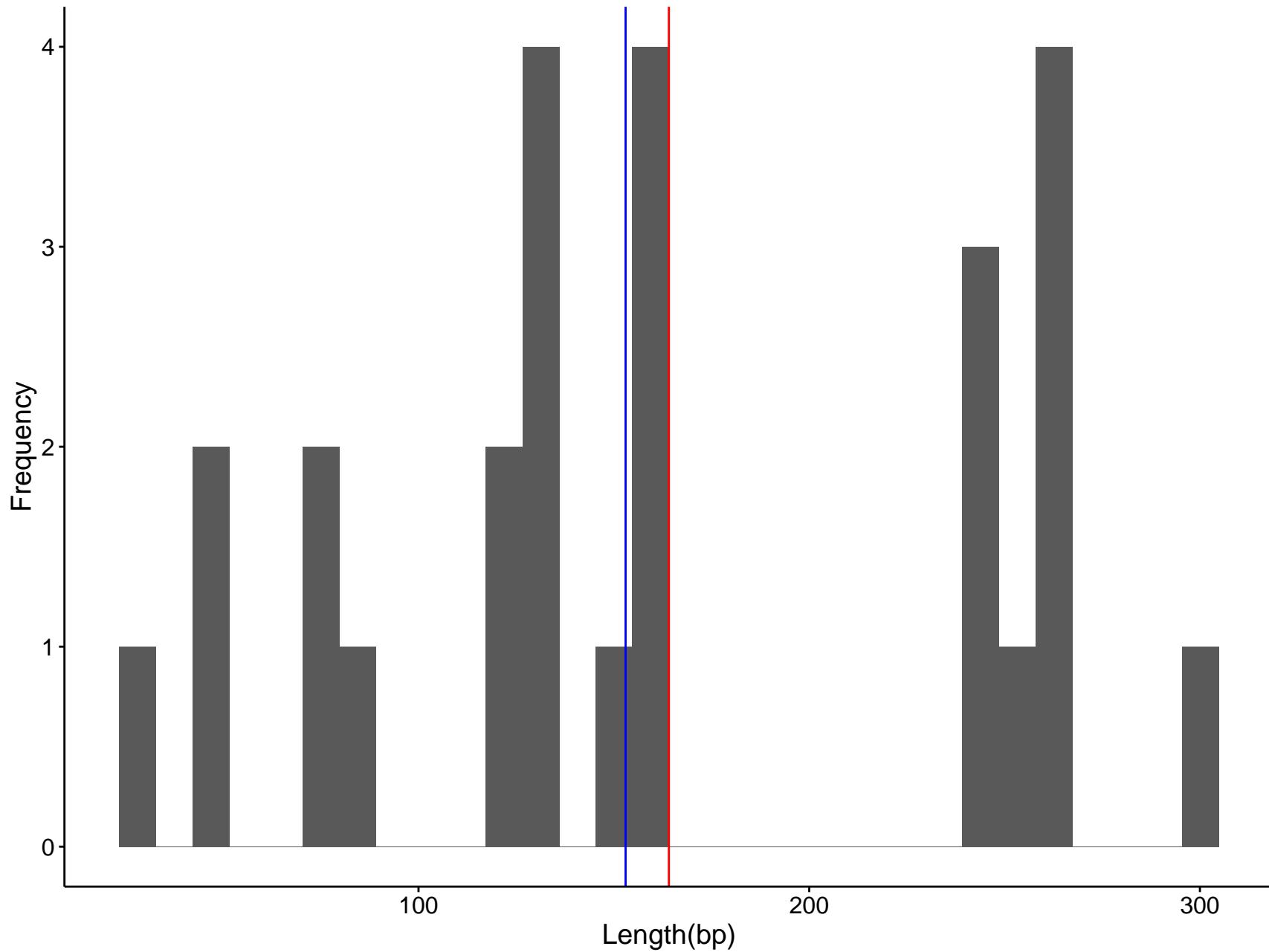
Cluster1014



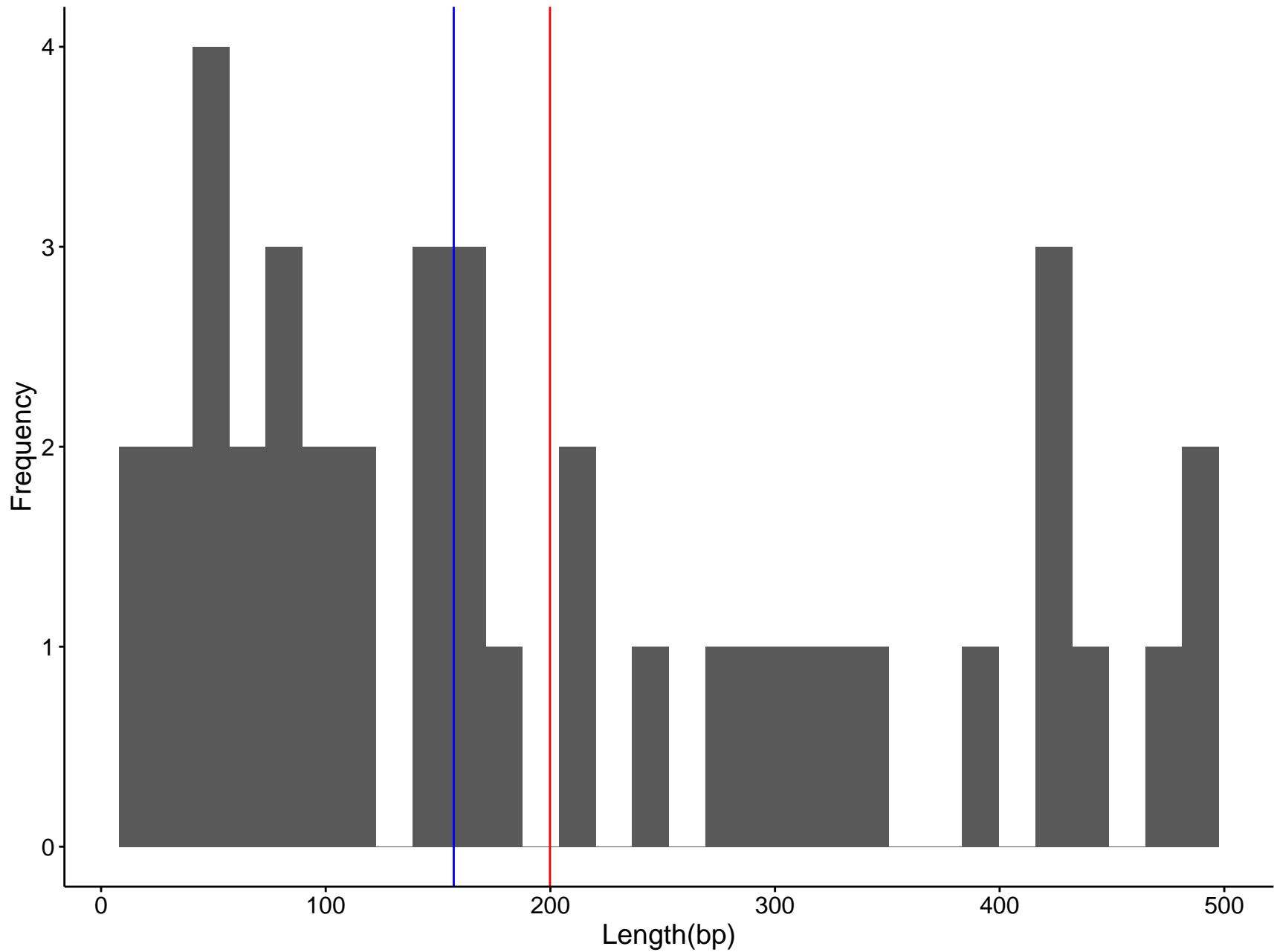
Cluster1015



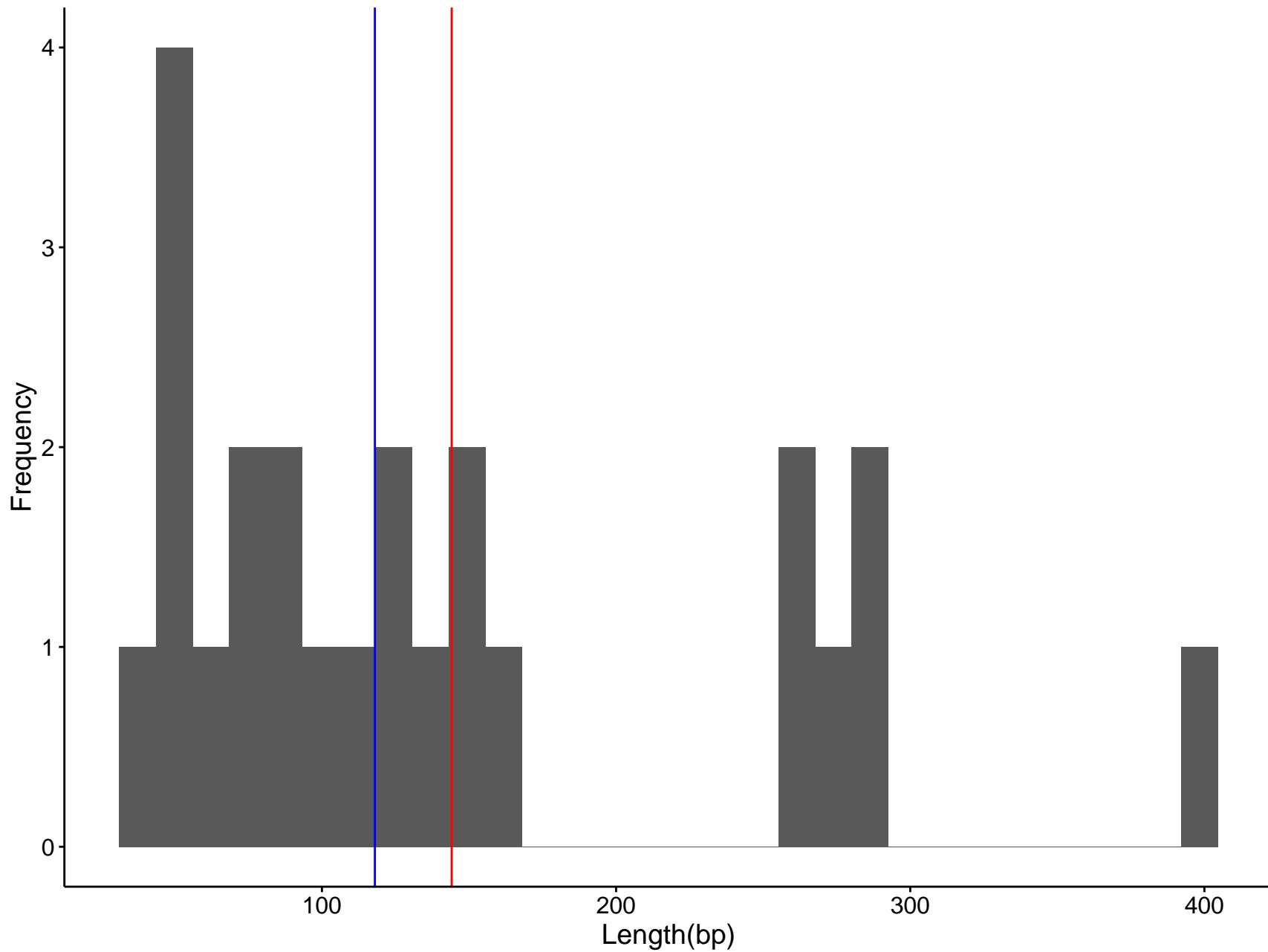
Cluster1016



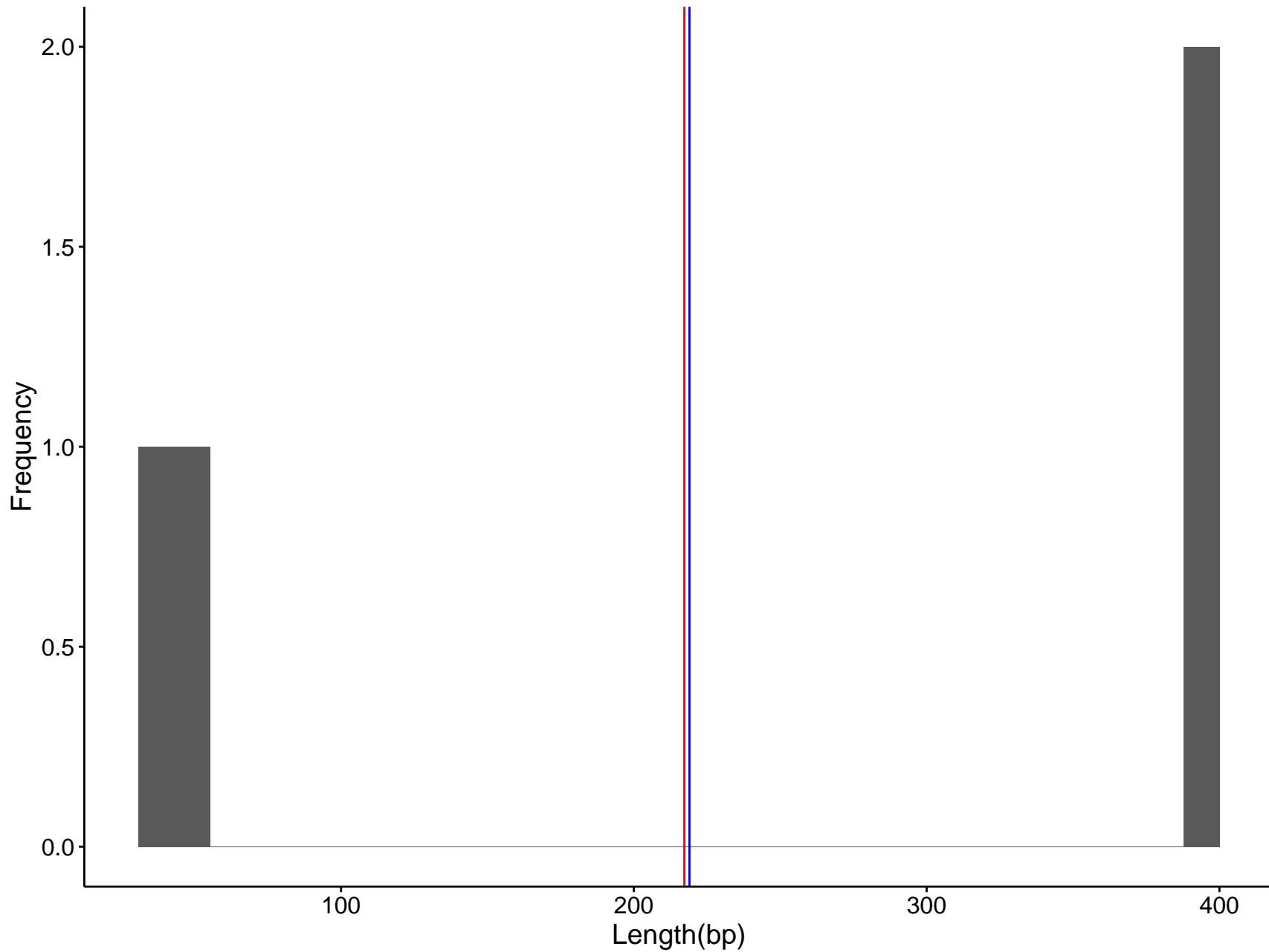
Cluster1018



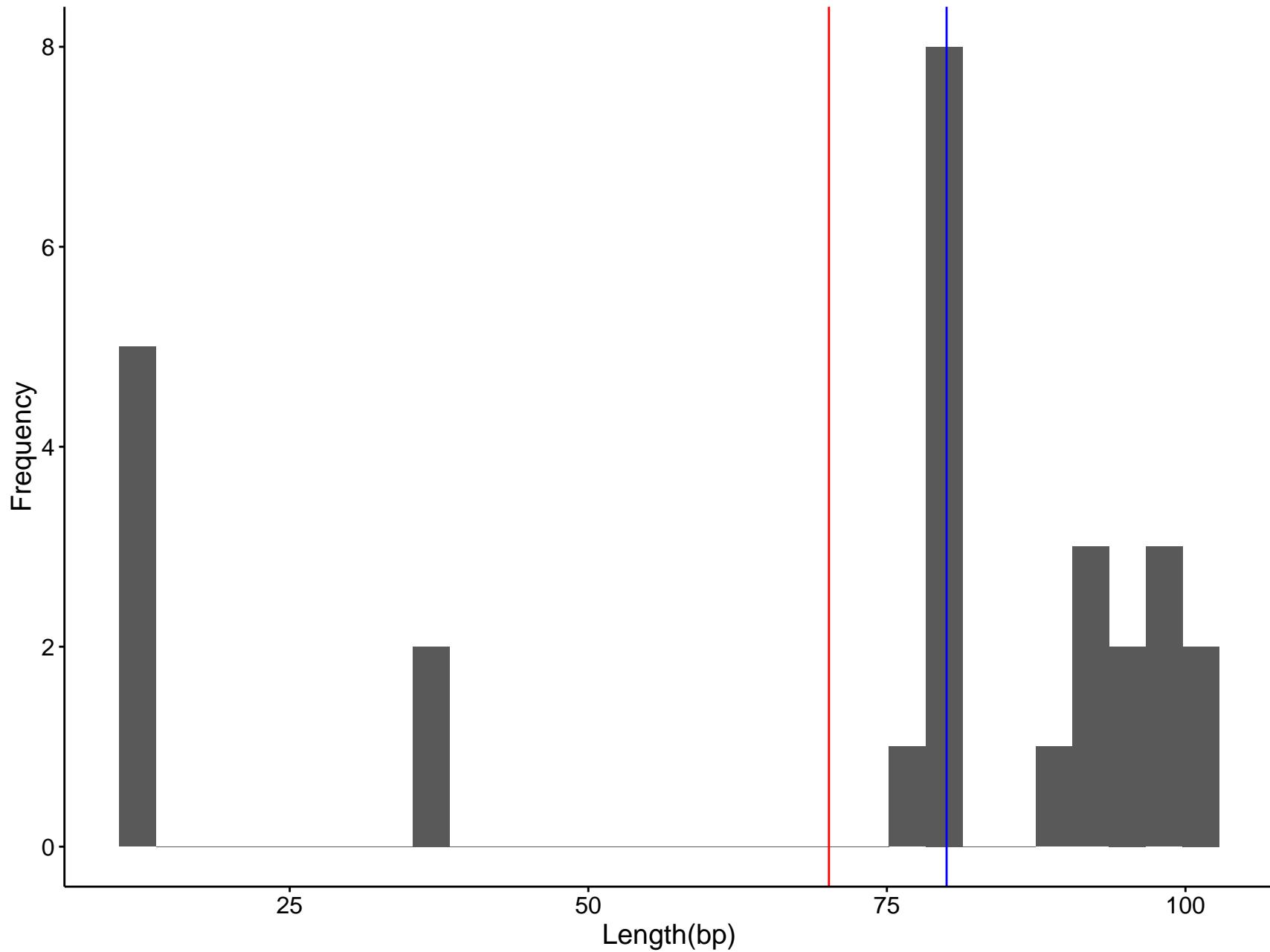
Cluster1019



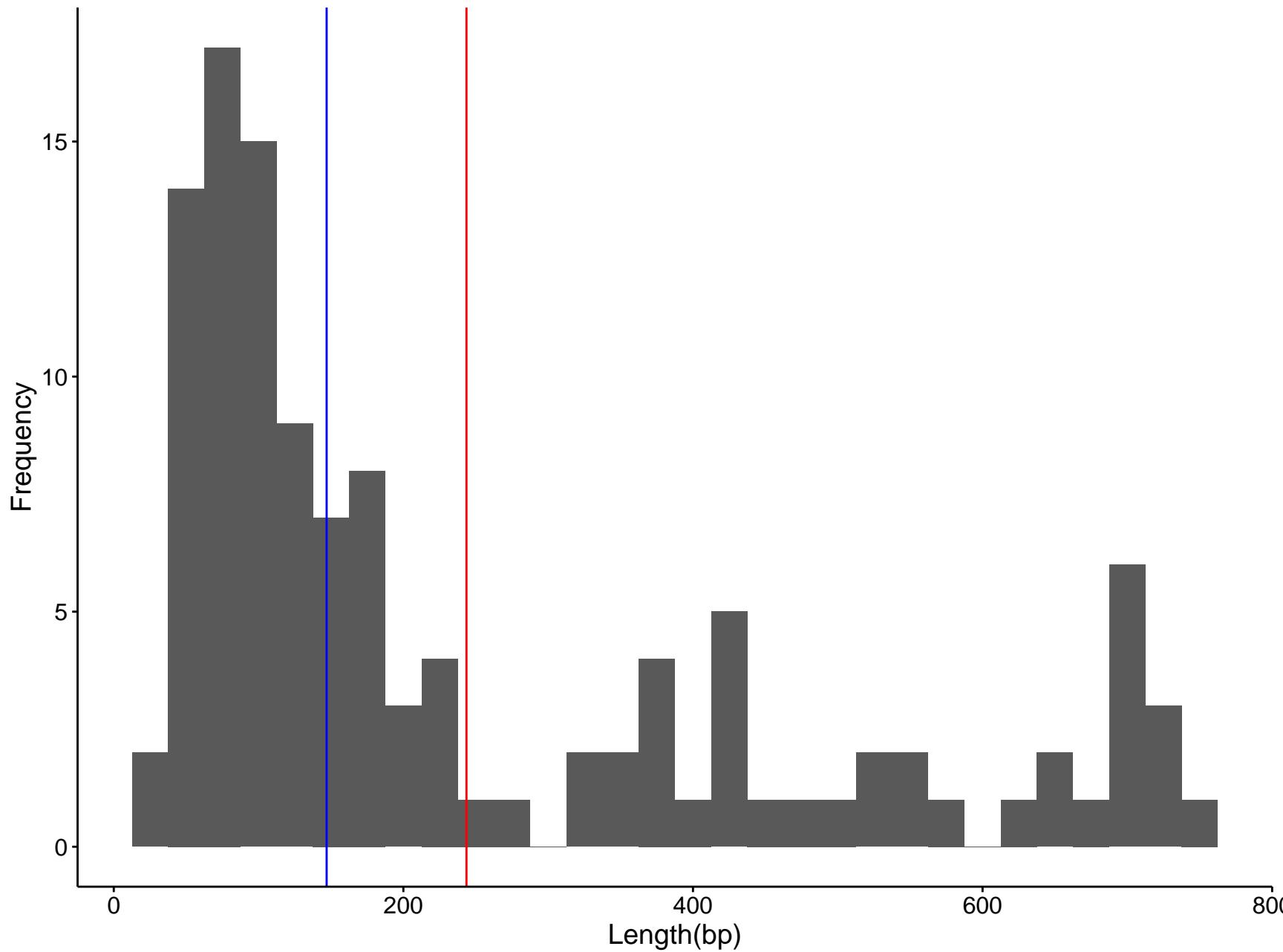
Cluster101



Cluster1020



Cluster1021



Cluster1024

Frequency

32.950

32.975

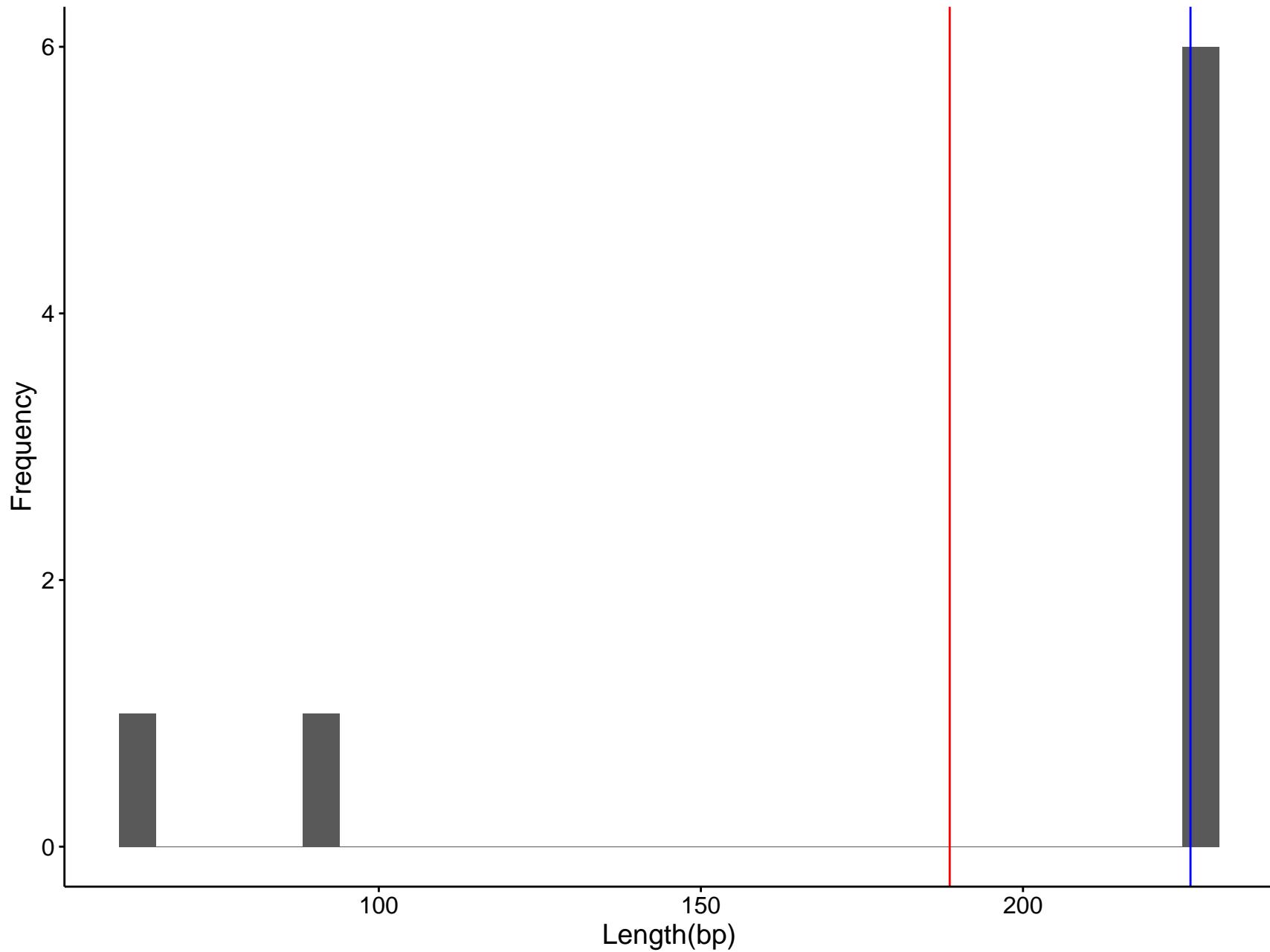
33.000

33.025

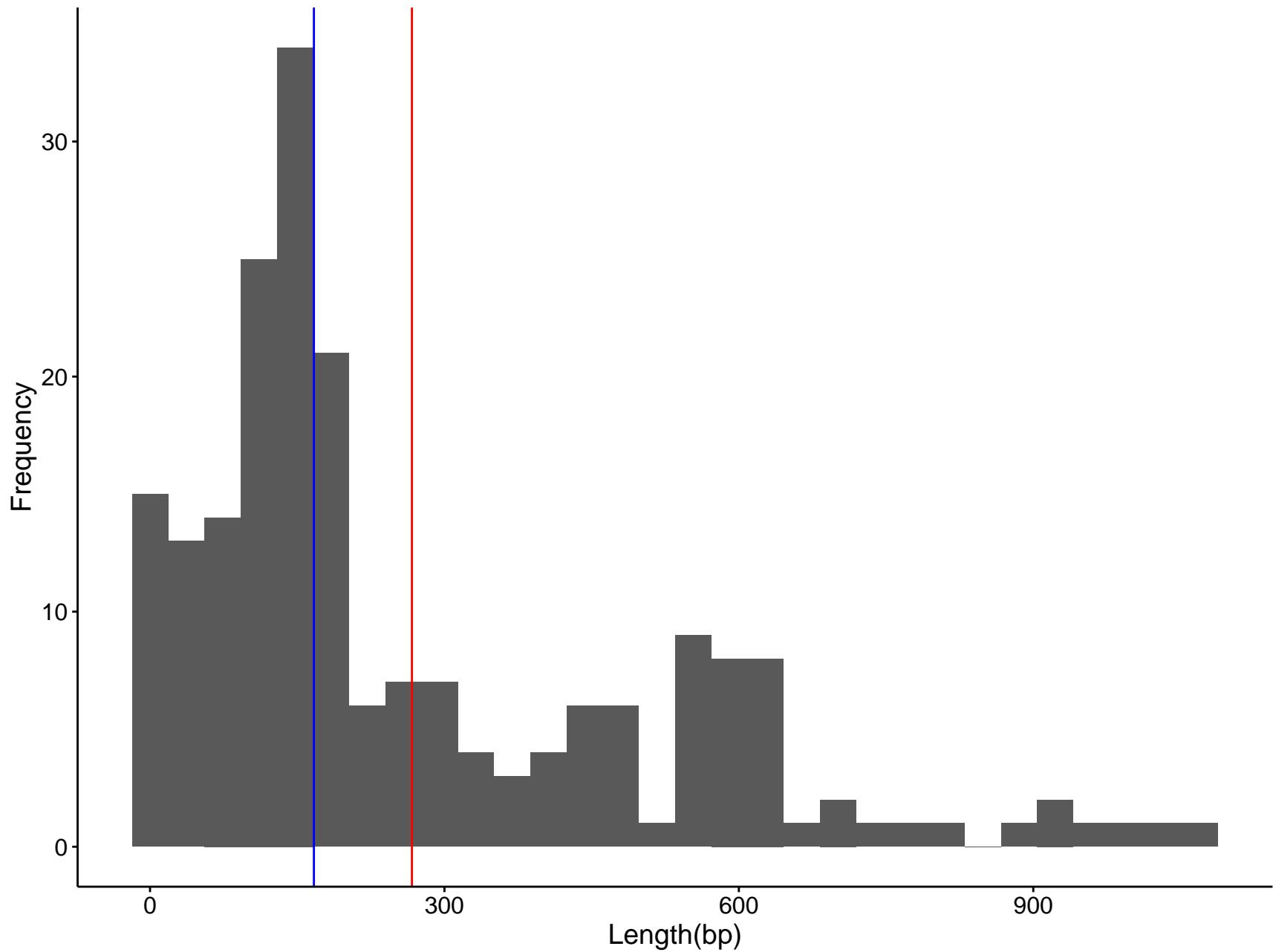
Length(bp)



Cluster1025



Cluster102



Cluster1033

Frequency

57.950

57.975

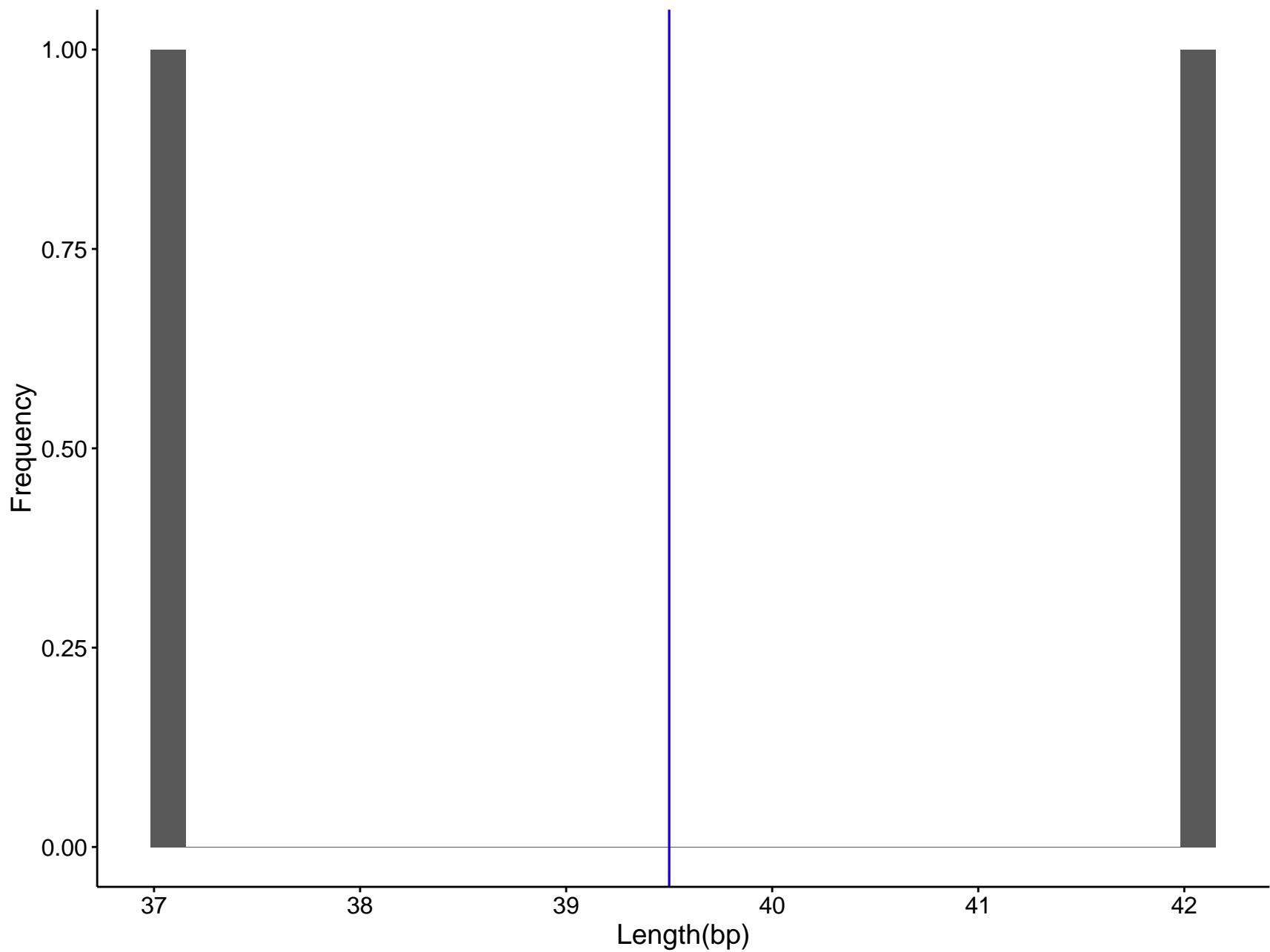
58.000

58.025

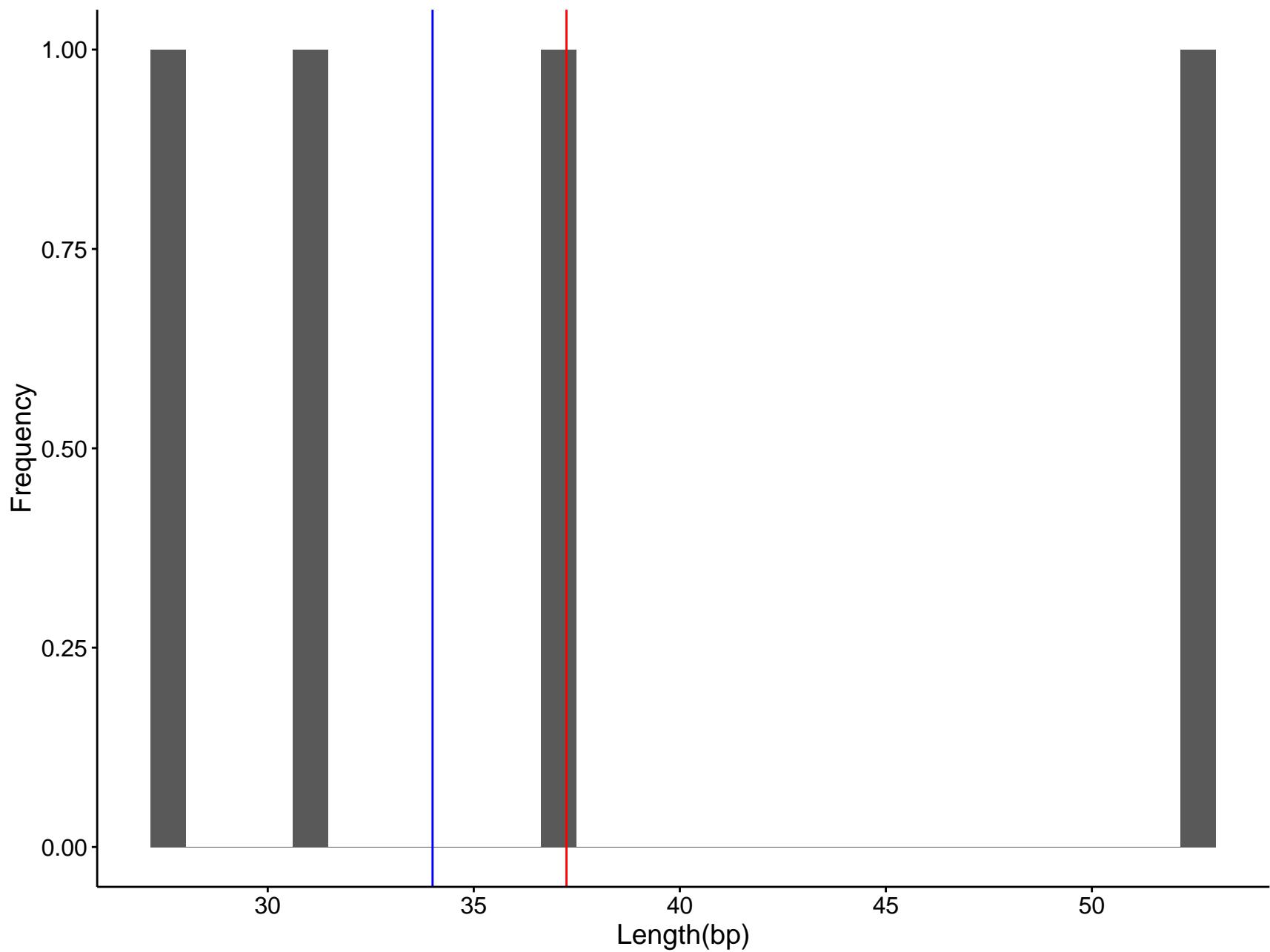
Length(bp)



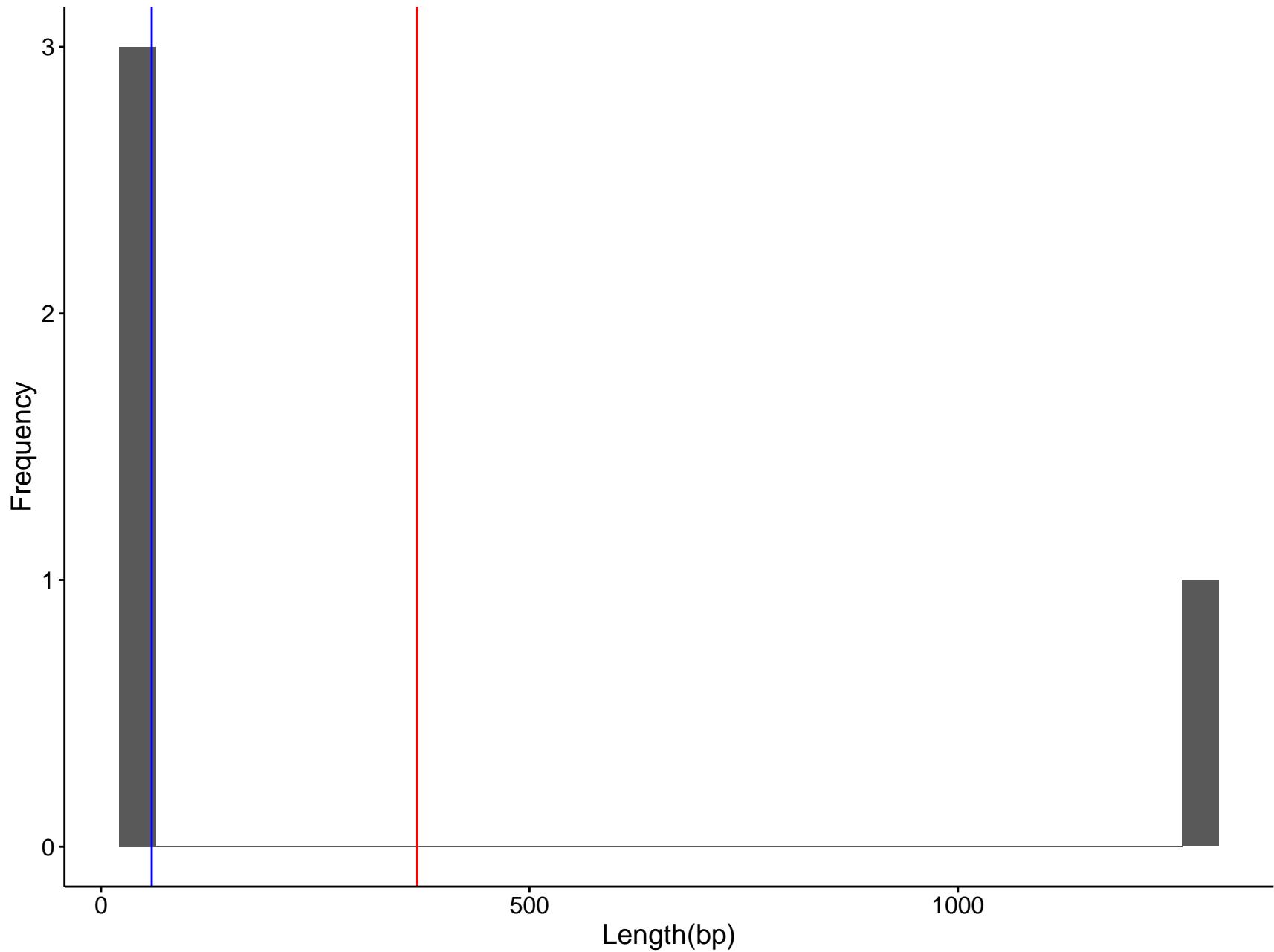
Cluster1036



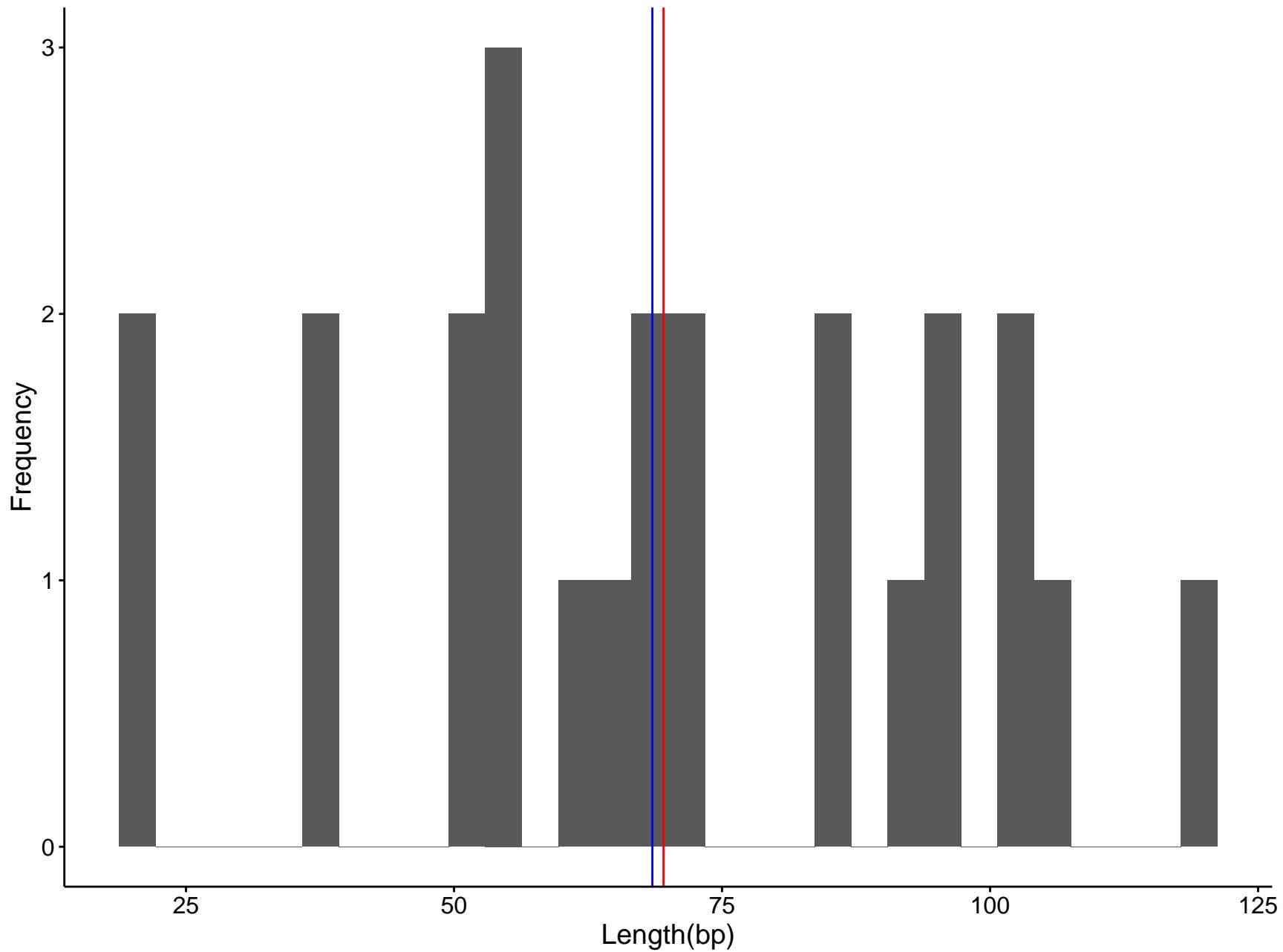
Cluster1037



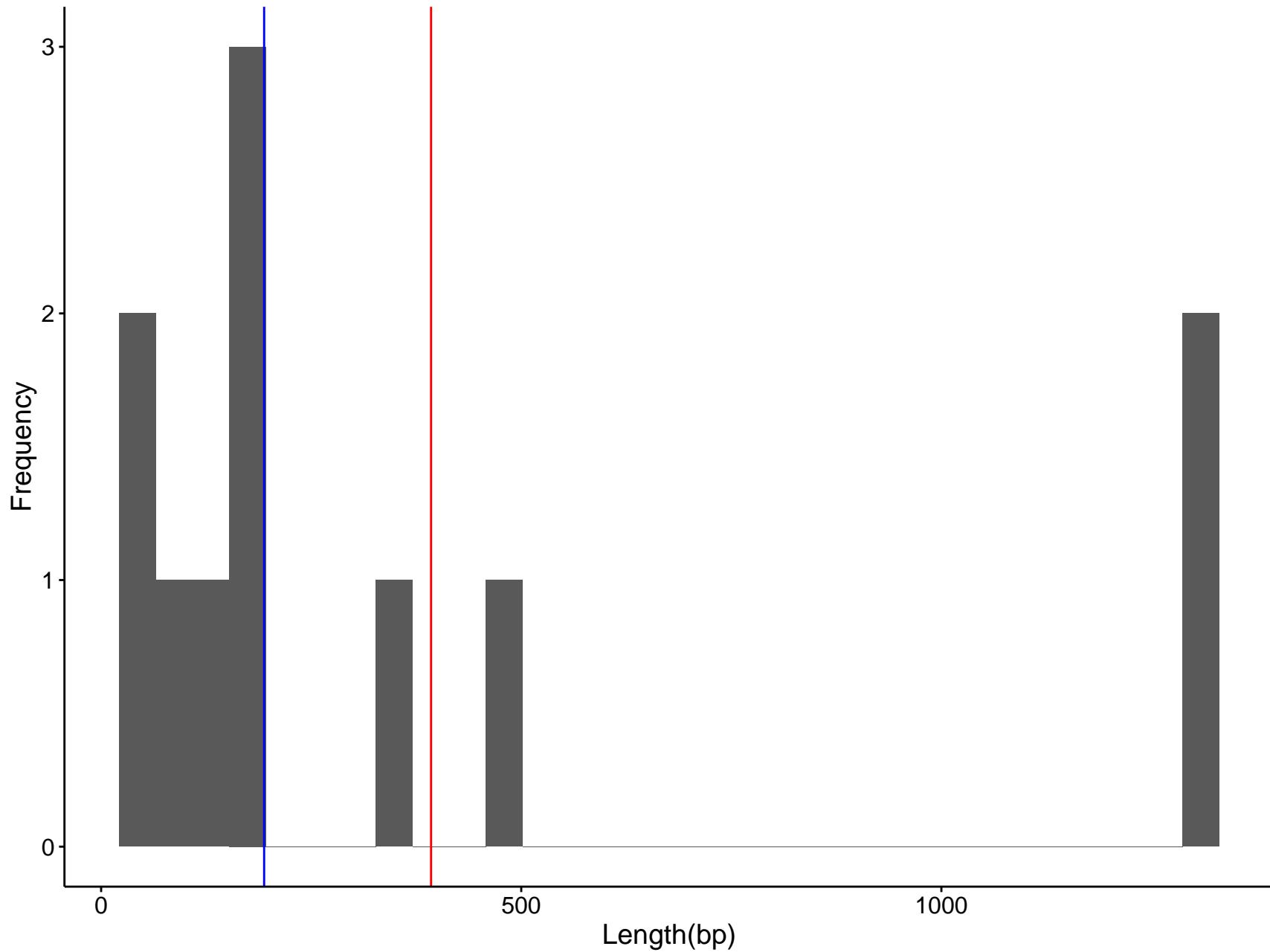
Cluster1038



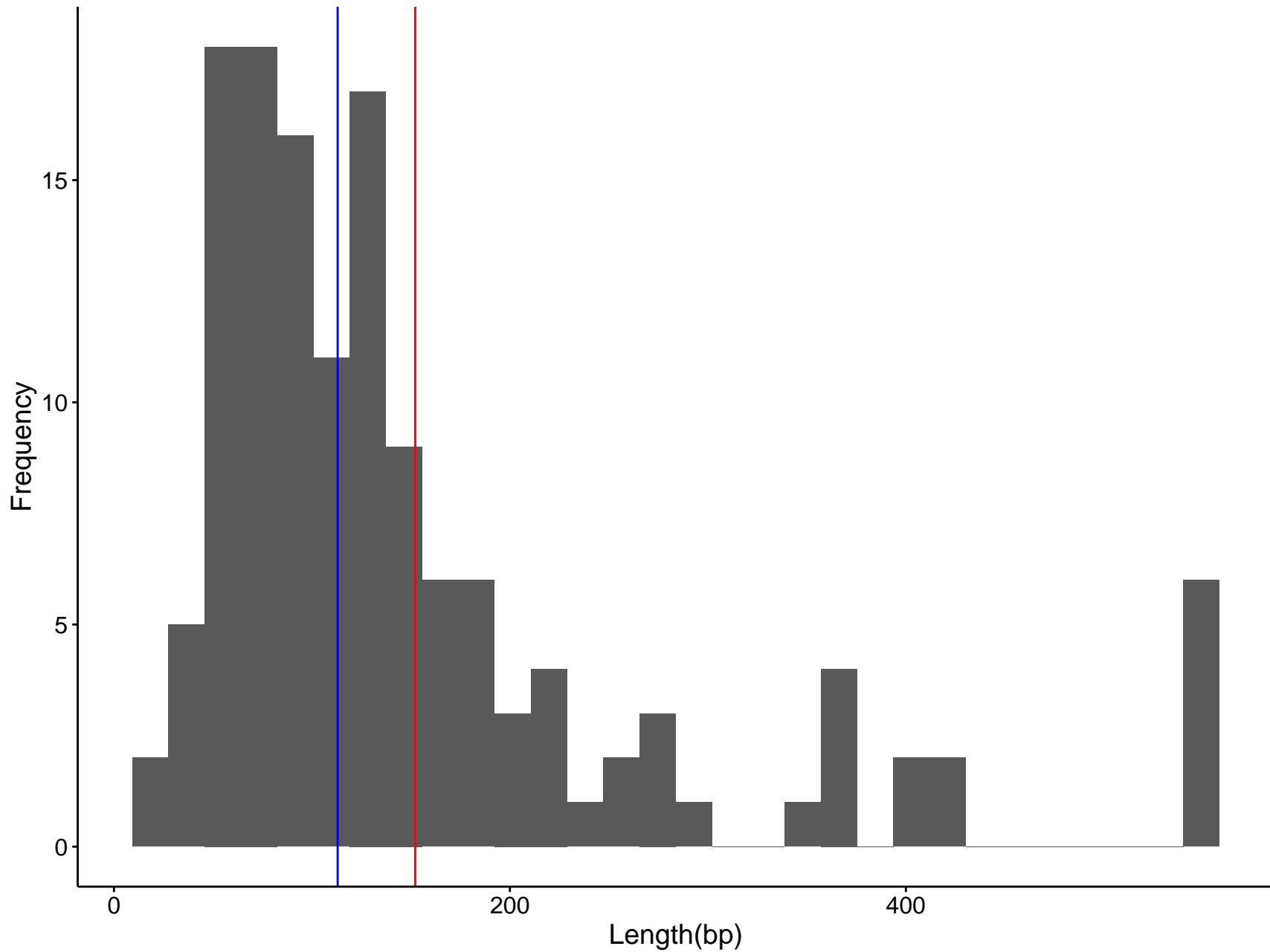
Cluster1039



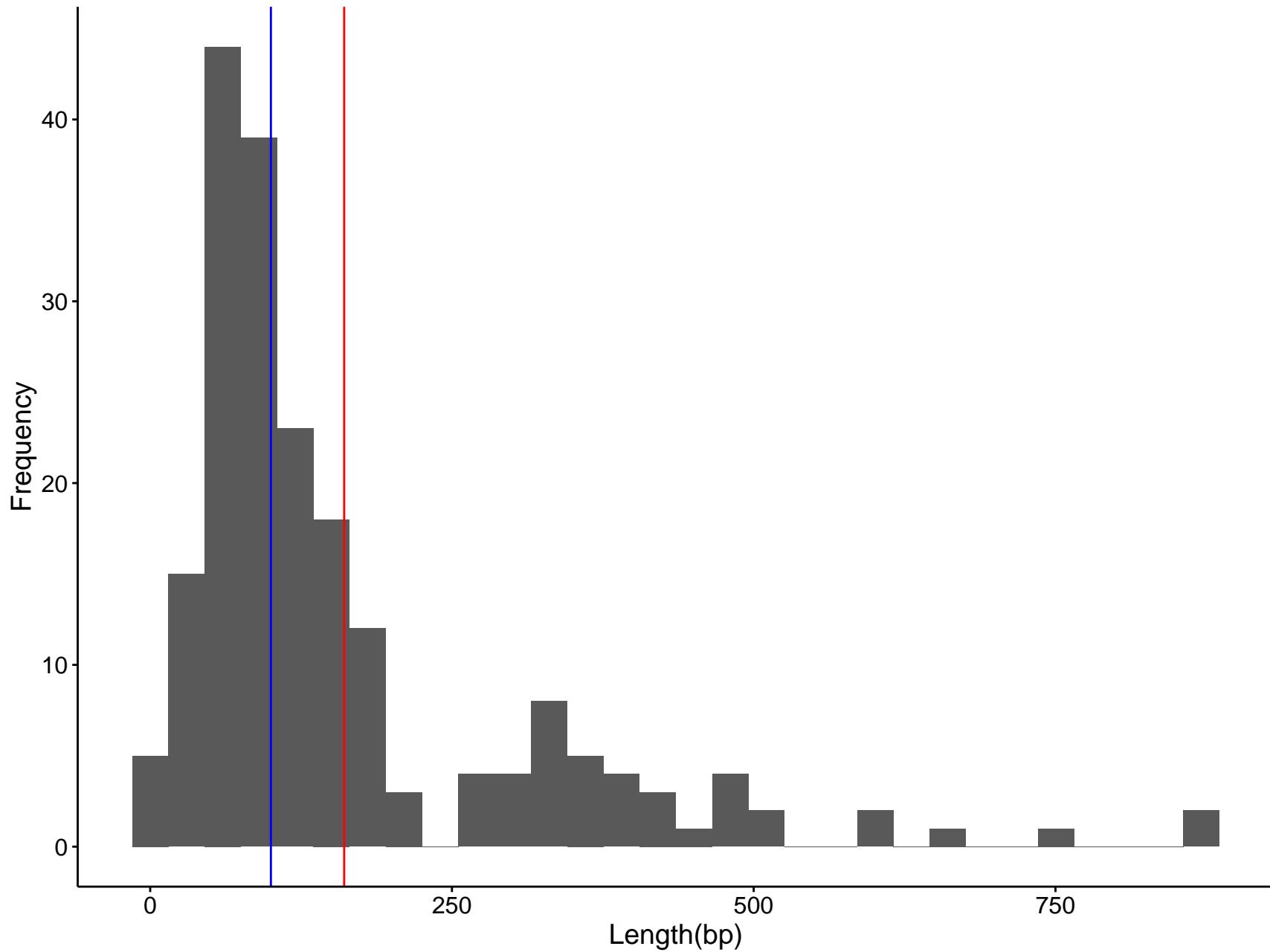
Cluster103



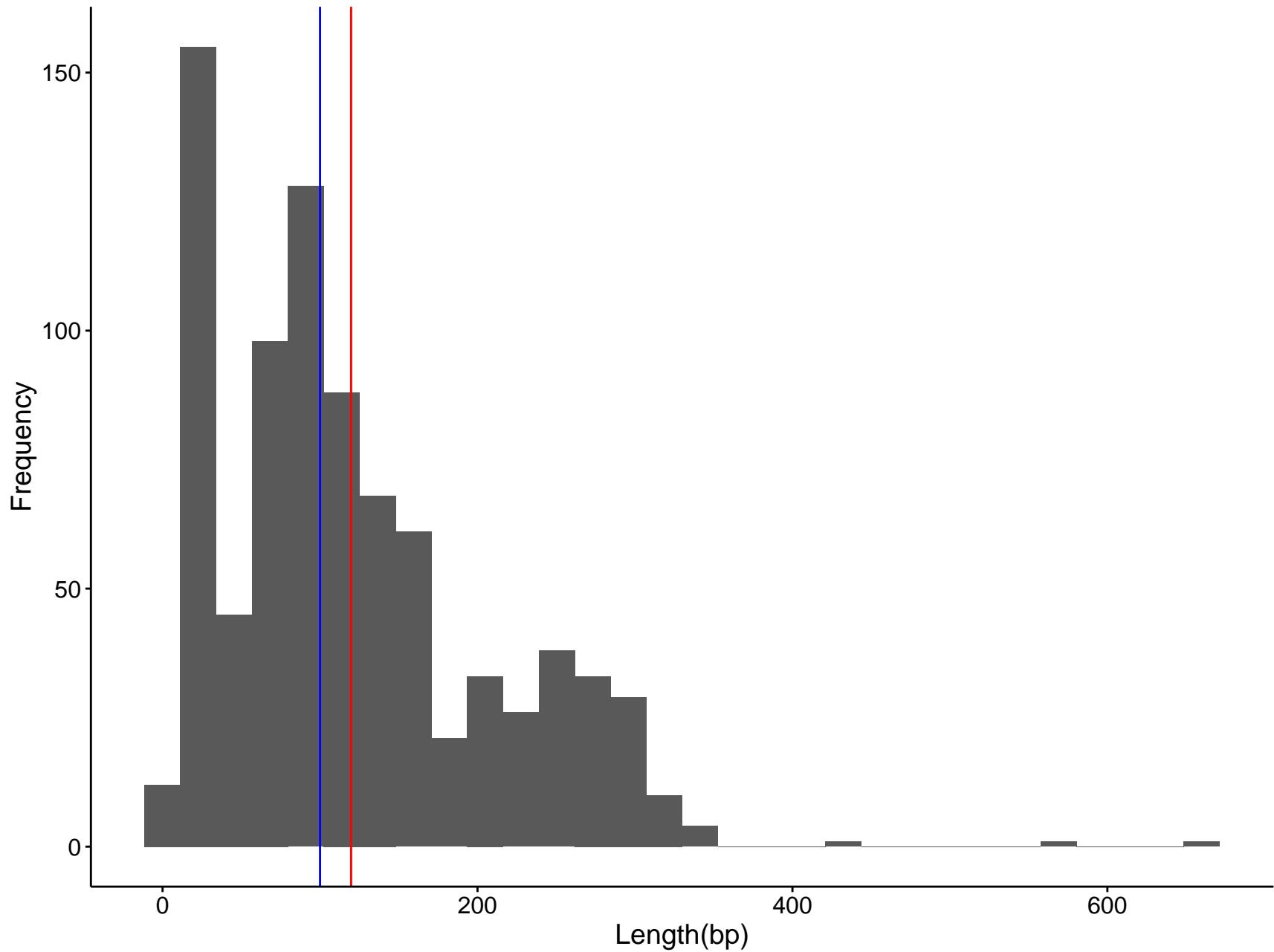
Cluster1040



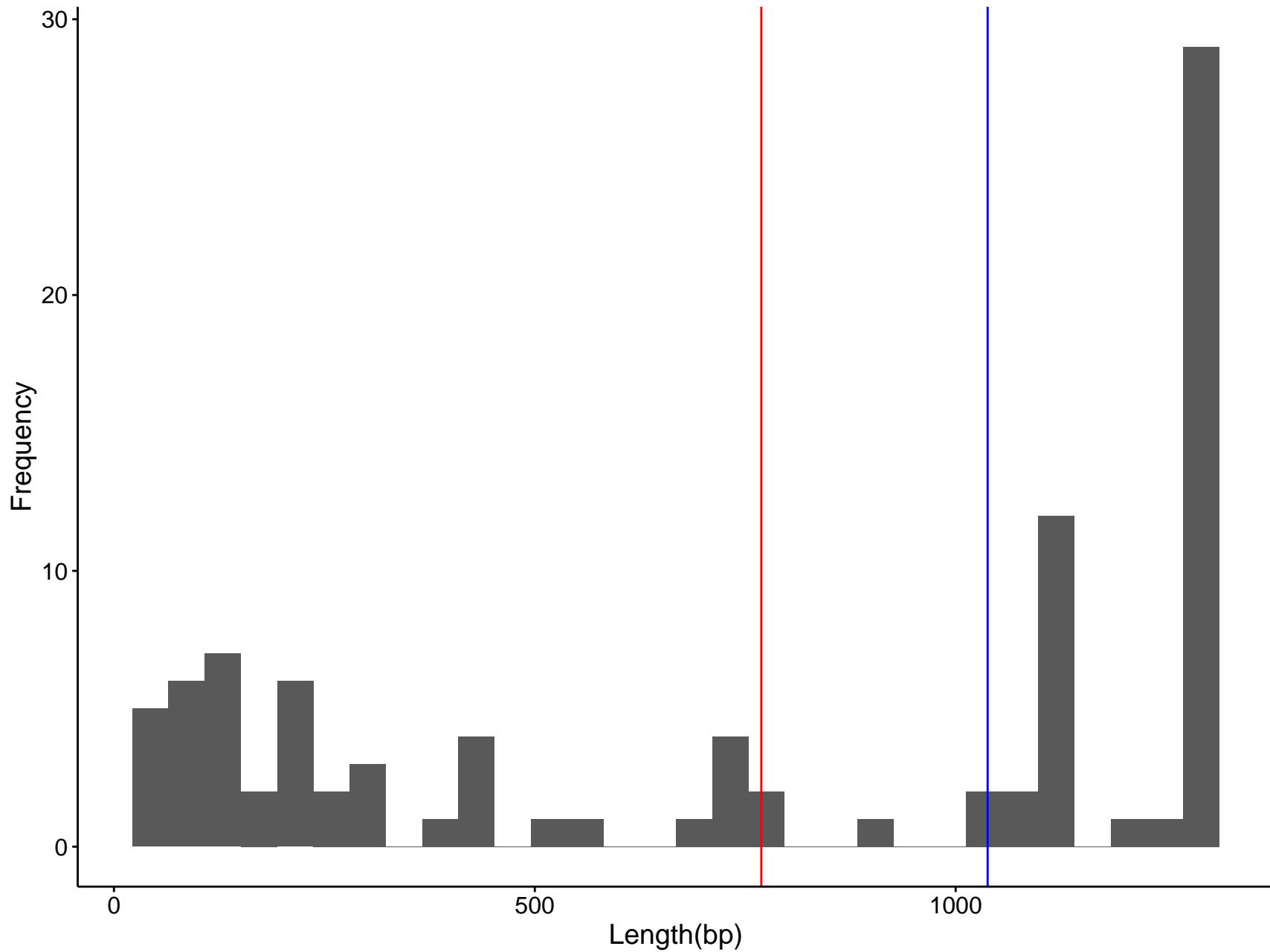
Cluster1041



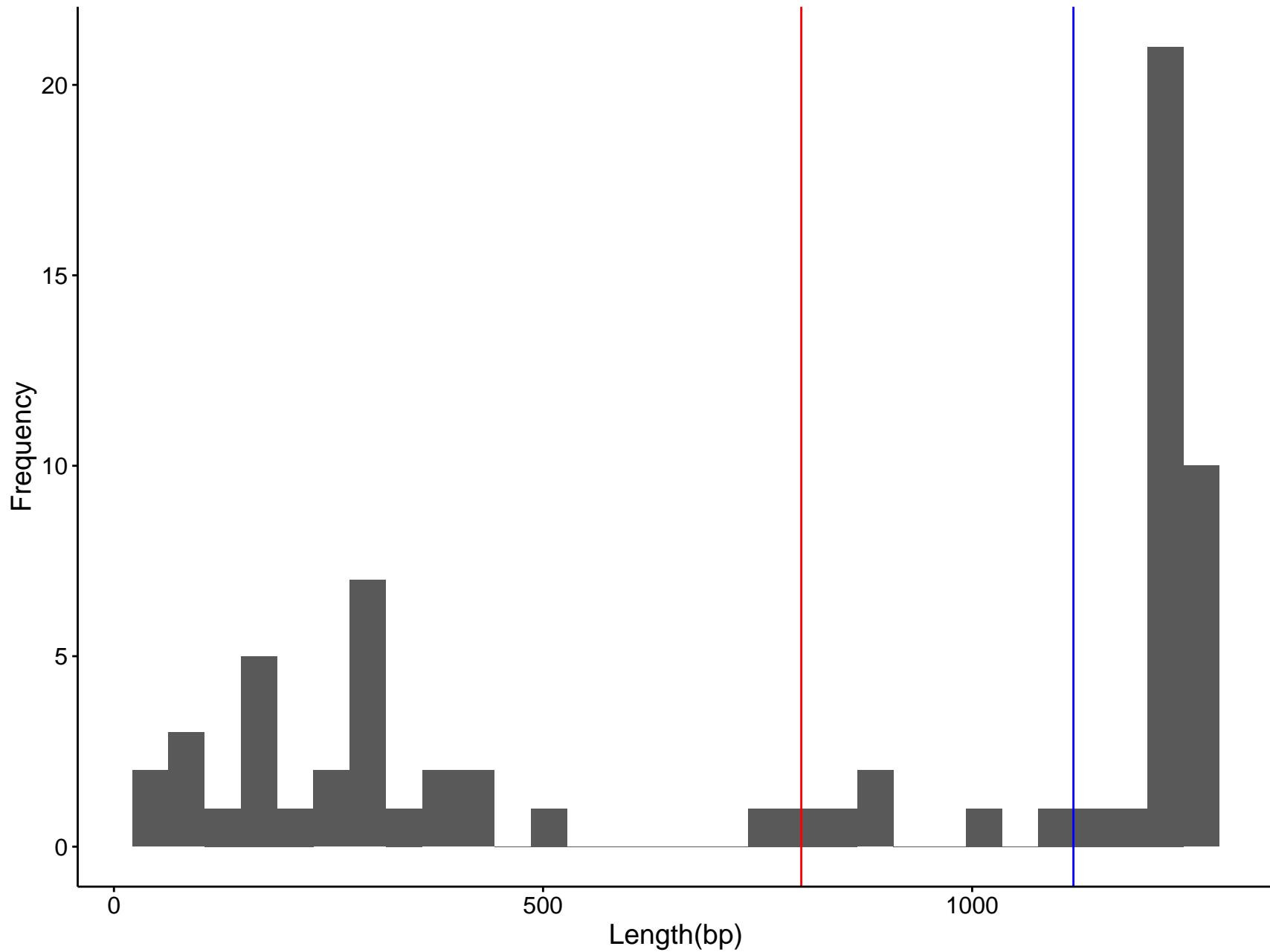
Cluster1042



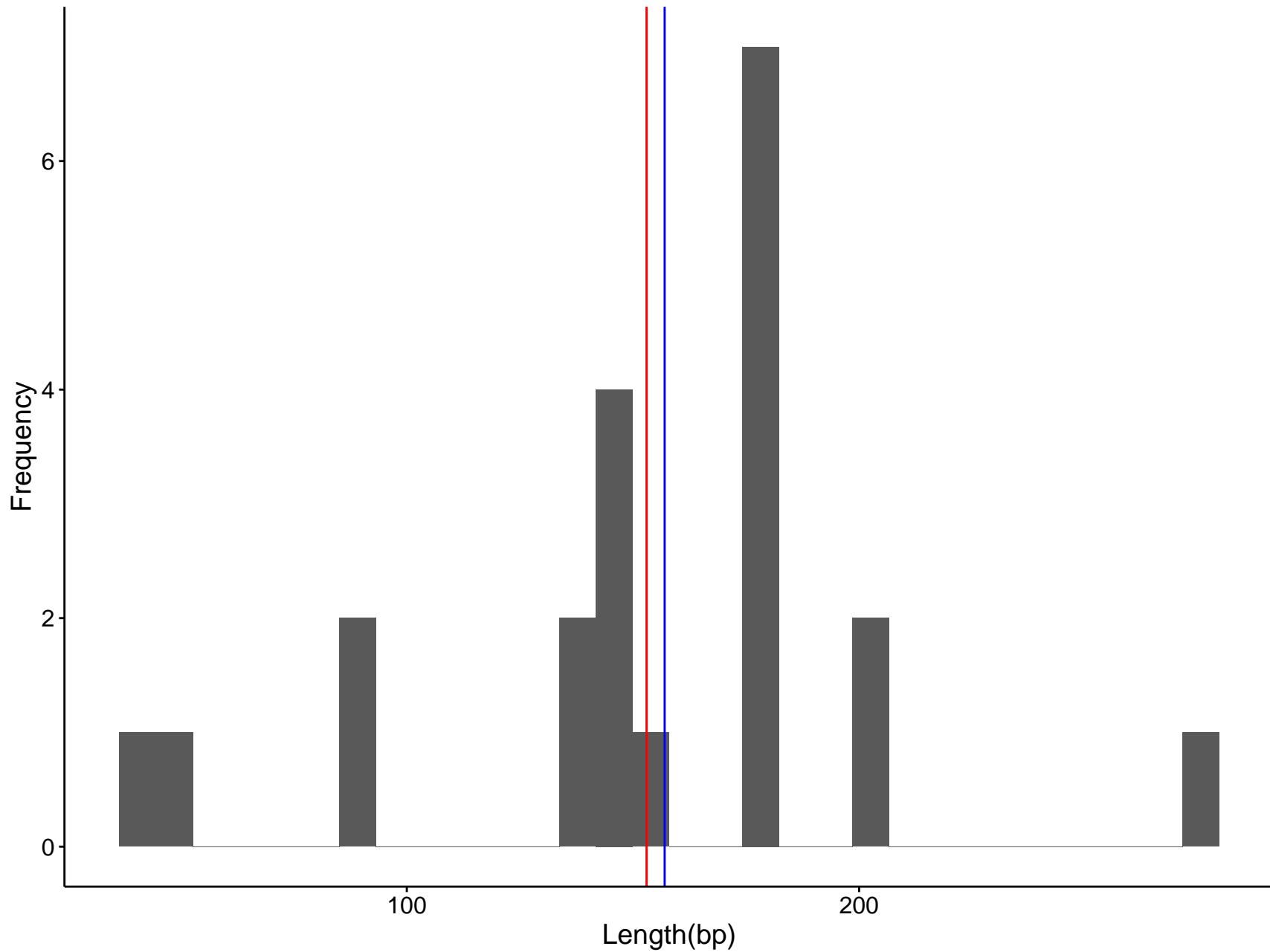
Cluster1043



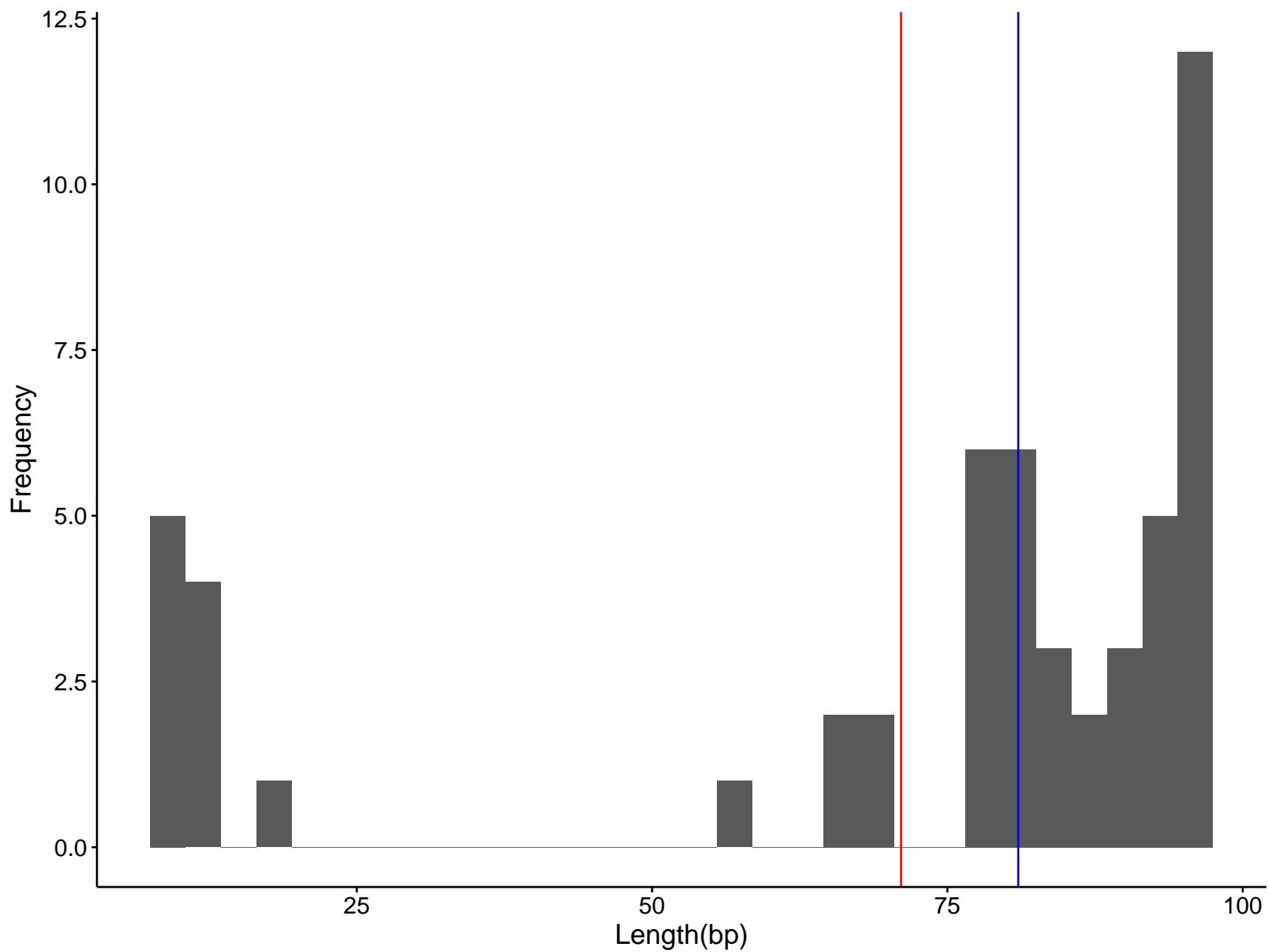
Cluster1044



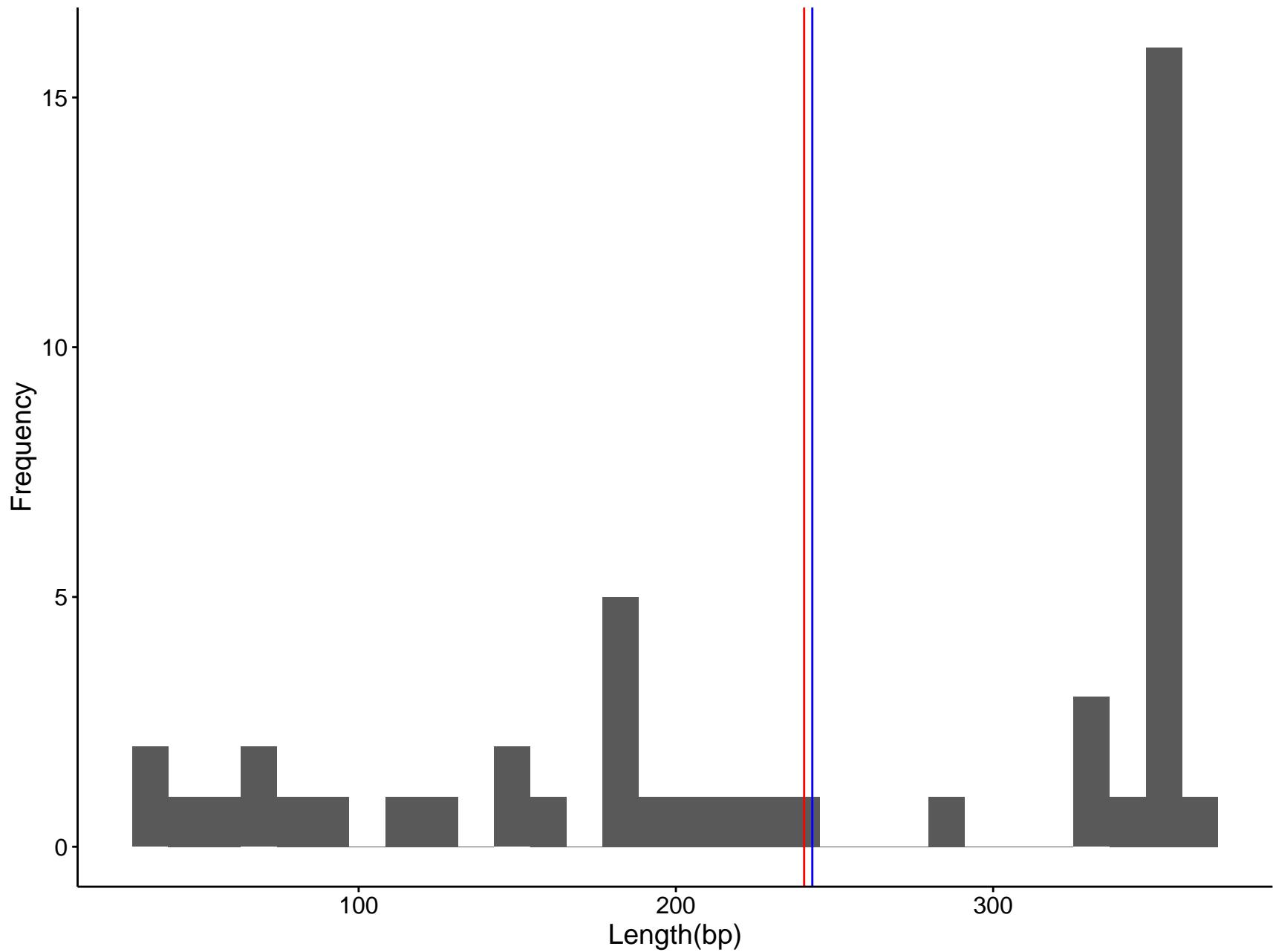
Cluster1046



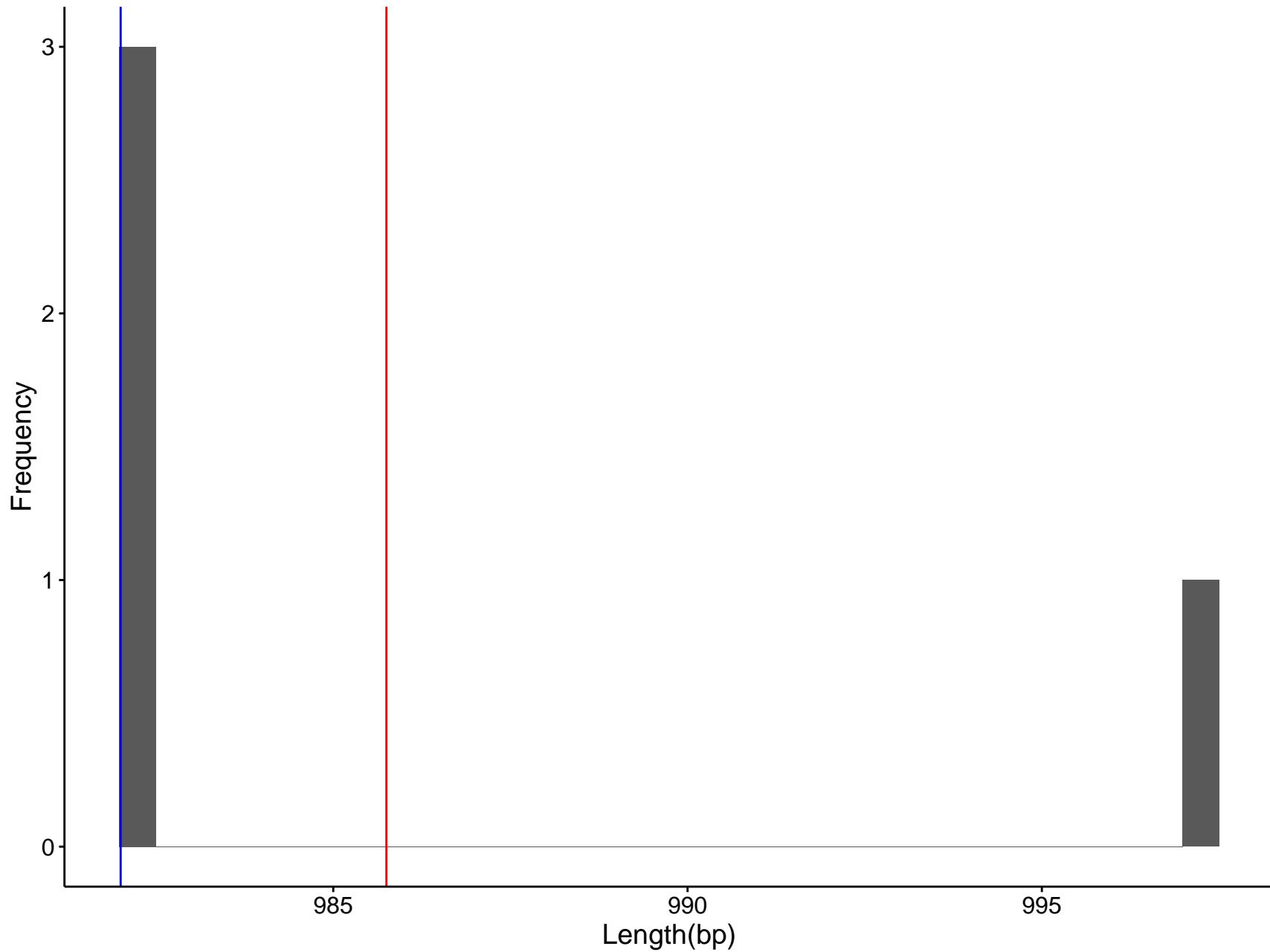
Cluster1048



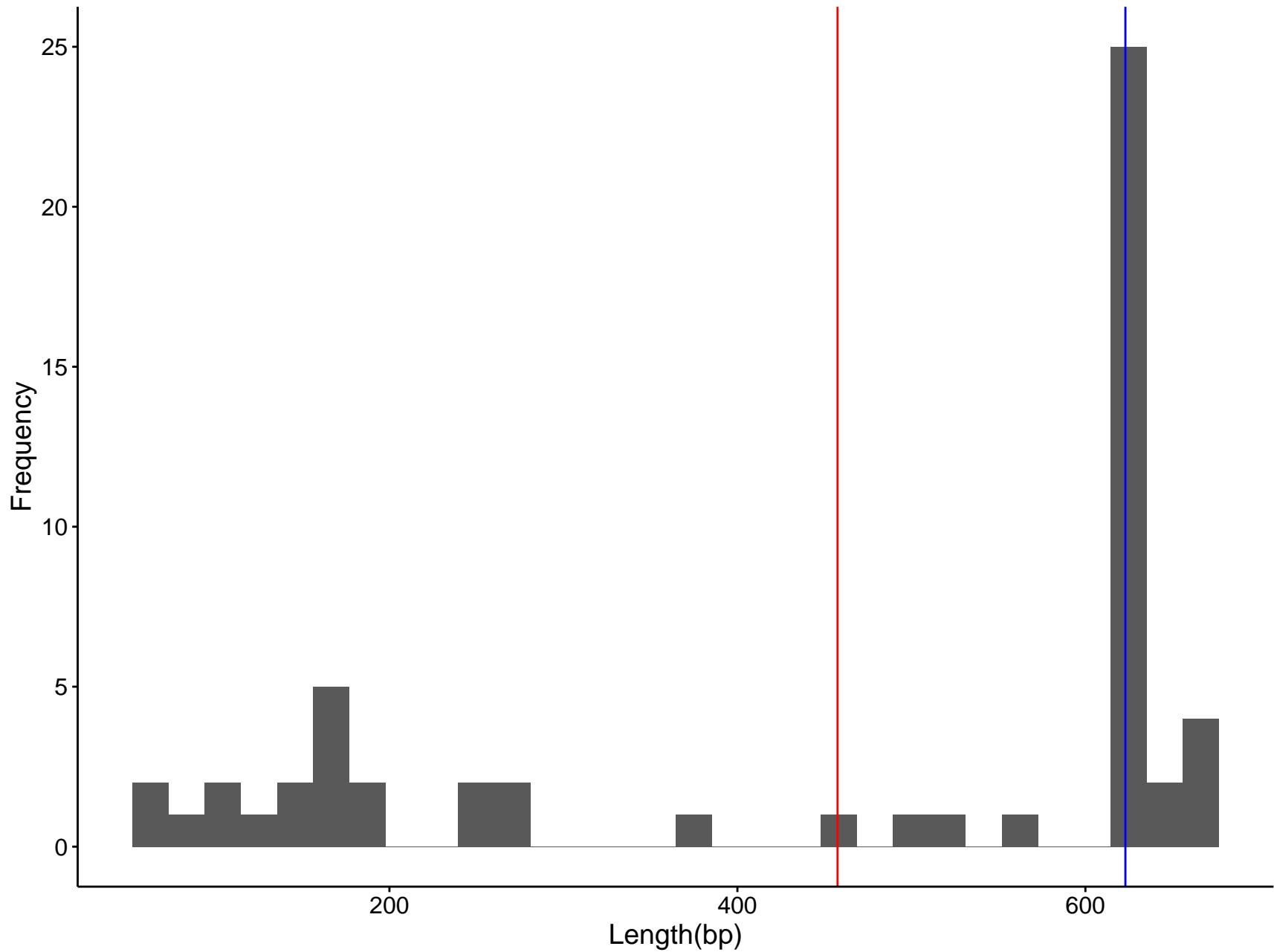
Cluster1049



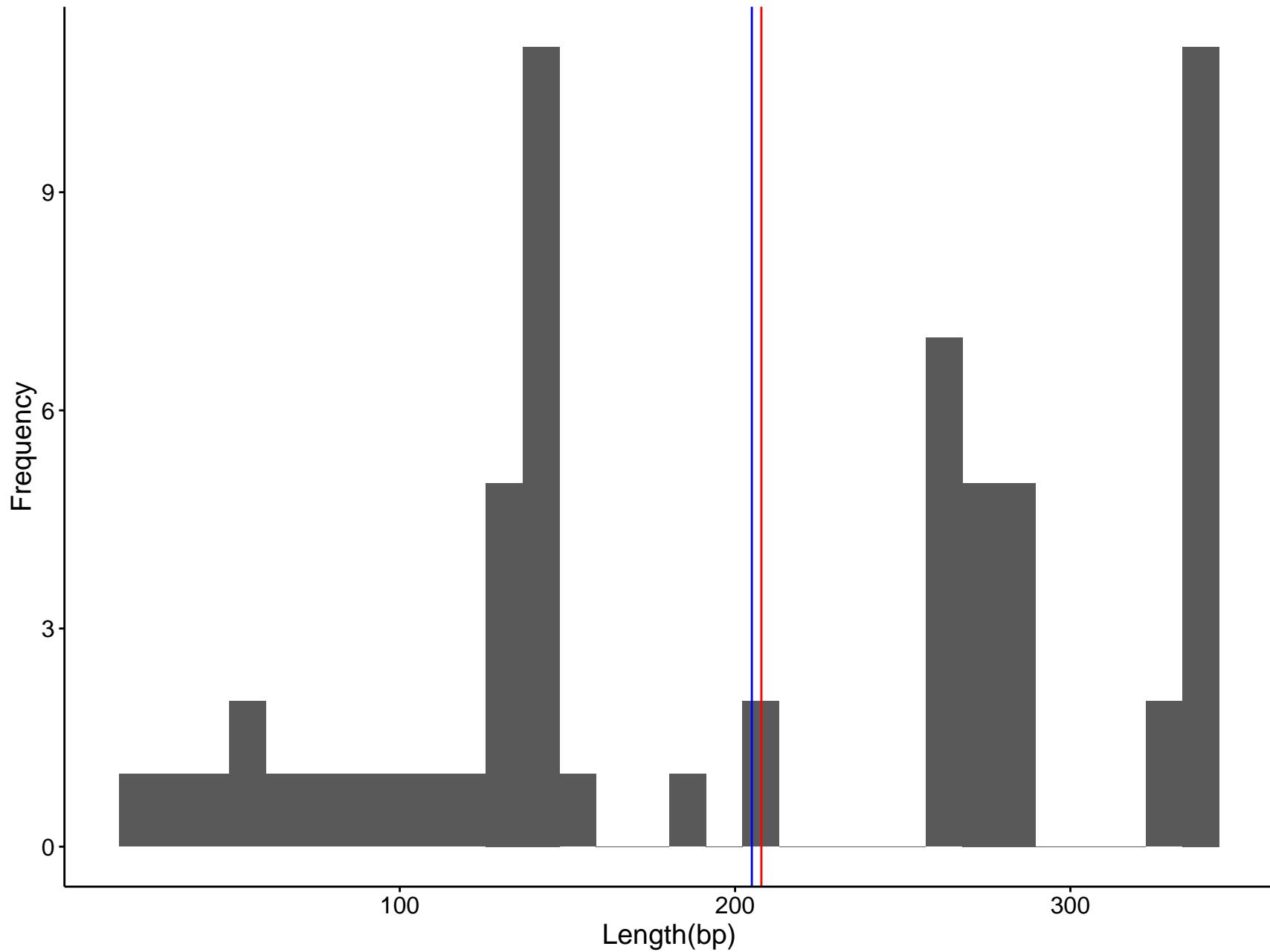
Cluster104



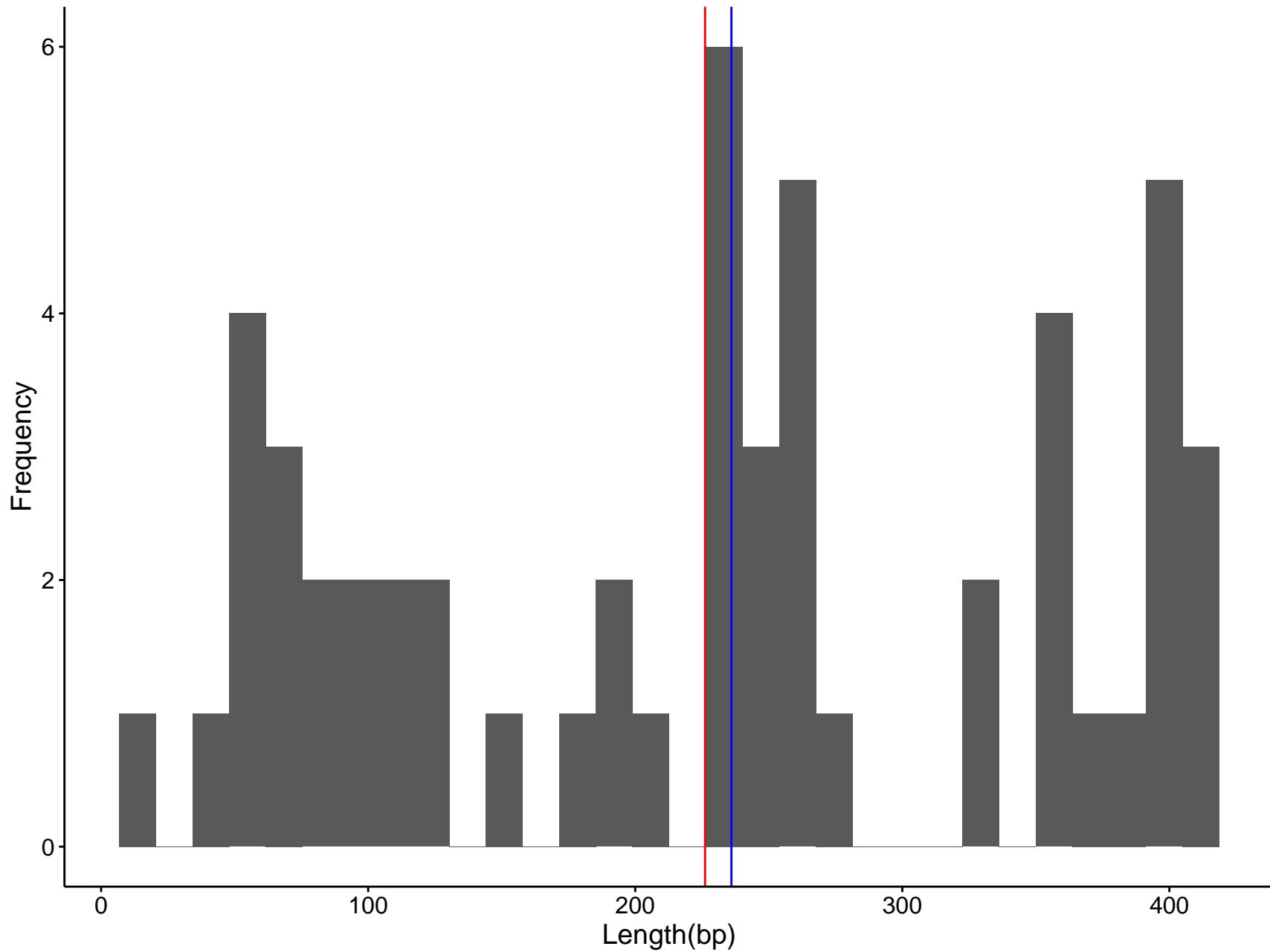
Cluster1051



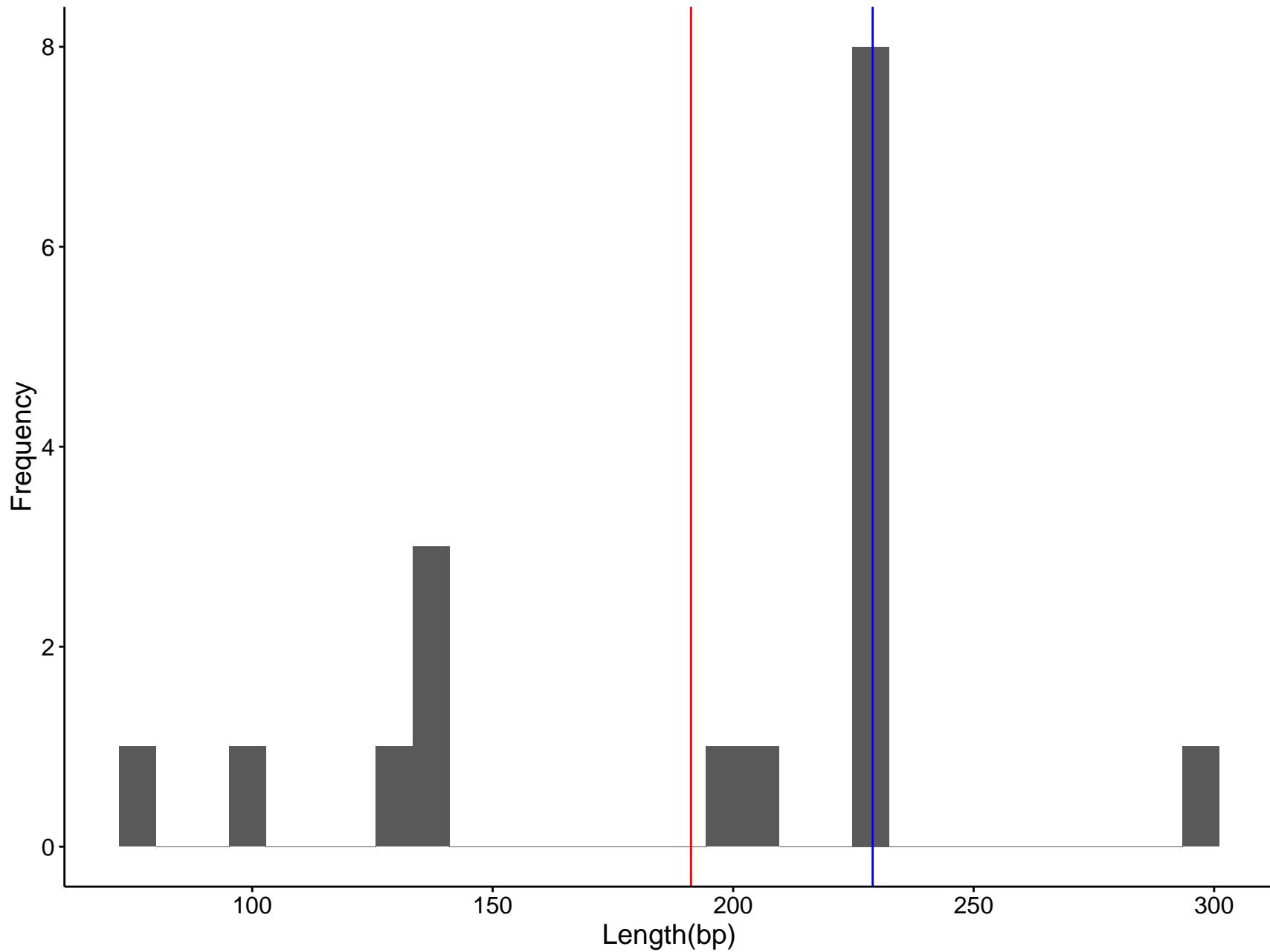
Cluster1052



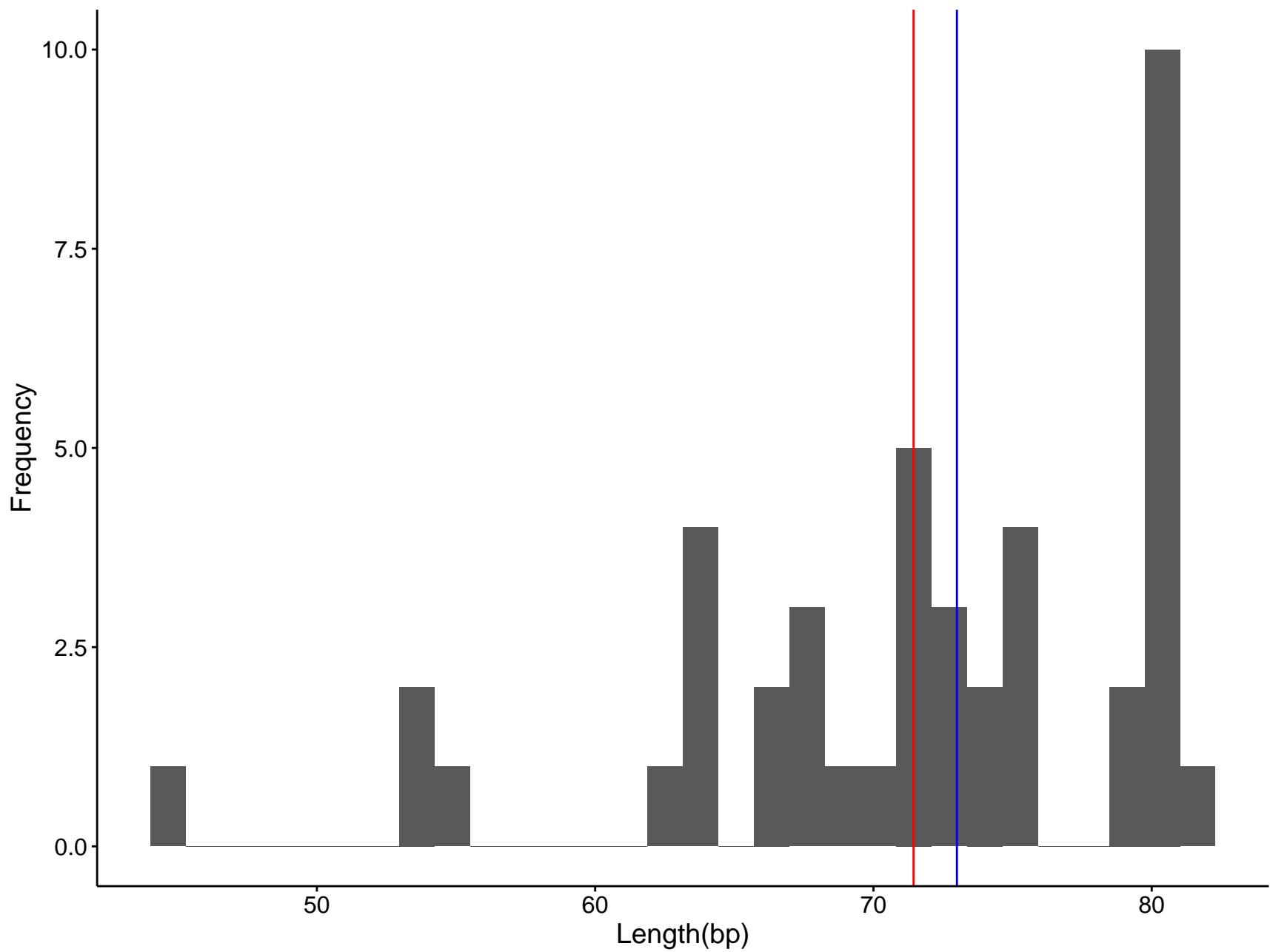
Cluster1054



Cluster1055



Cluster1056



Cluster1058

Frequency

361.950

361.975

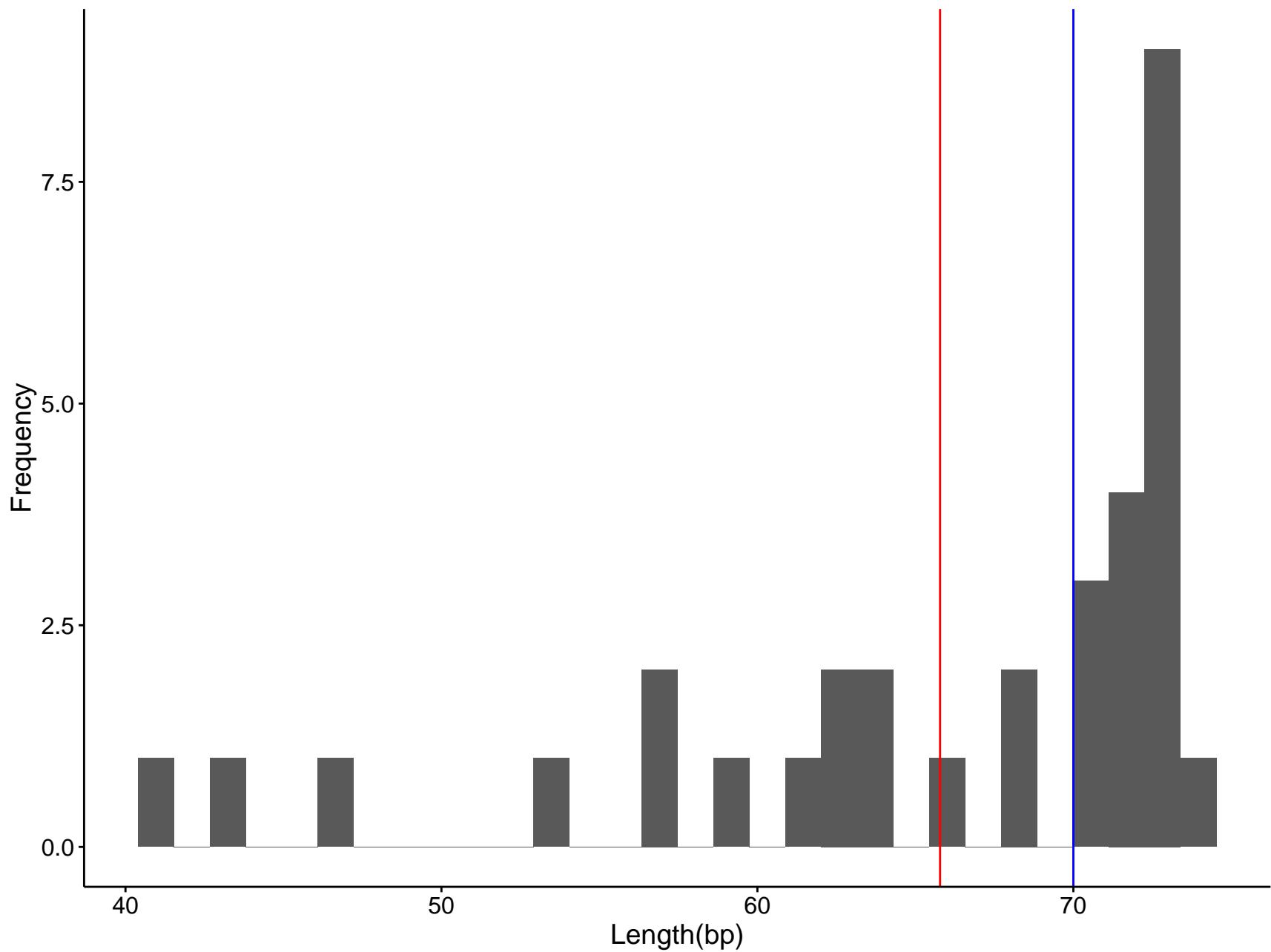
362.000

362.025

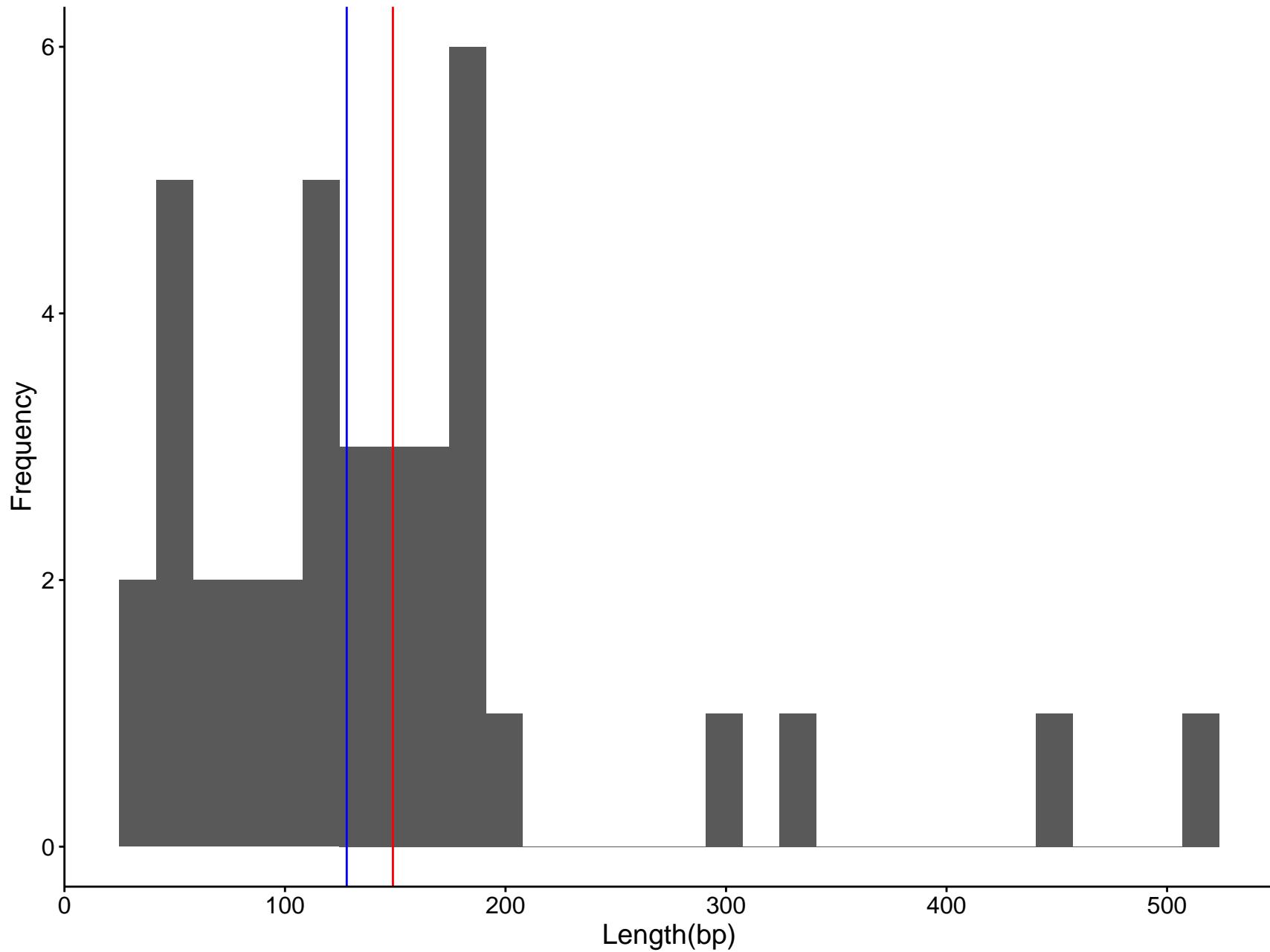
Length(bp)



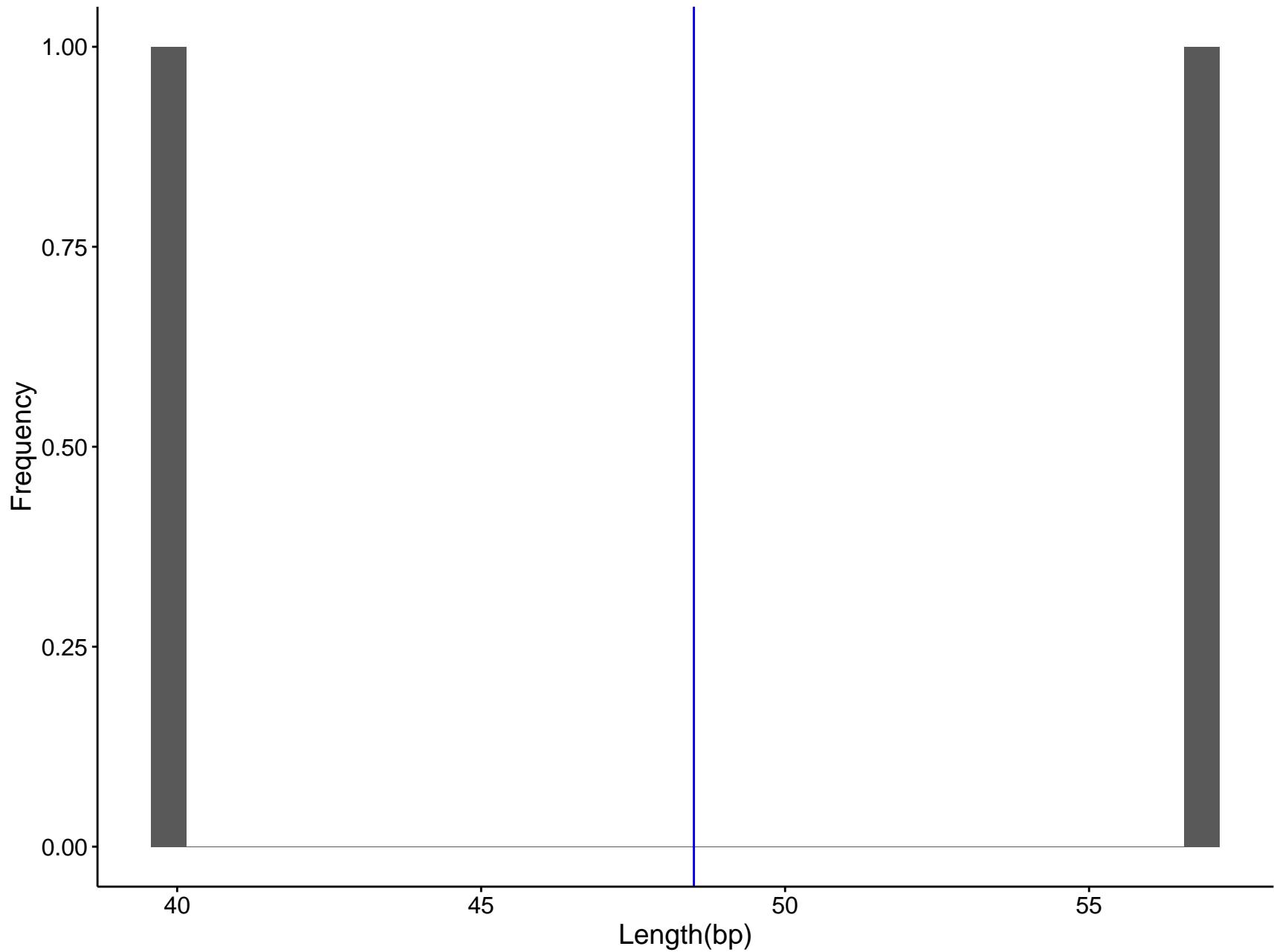
Cluster1059



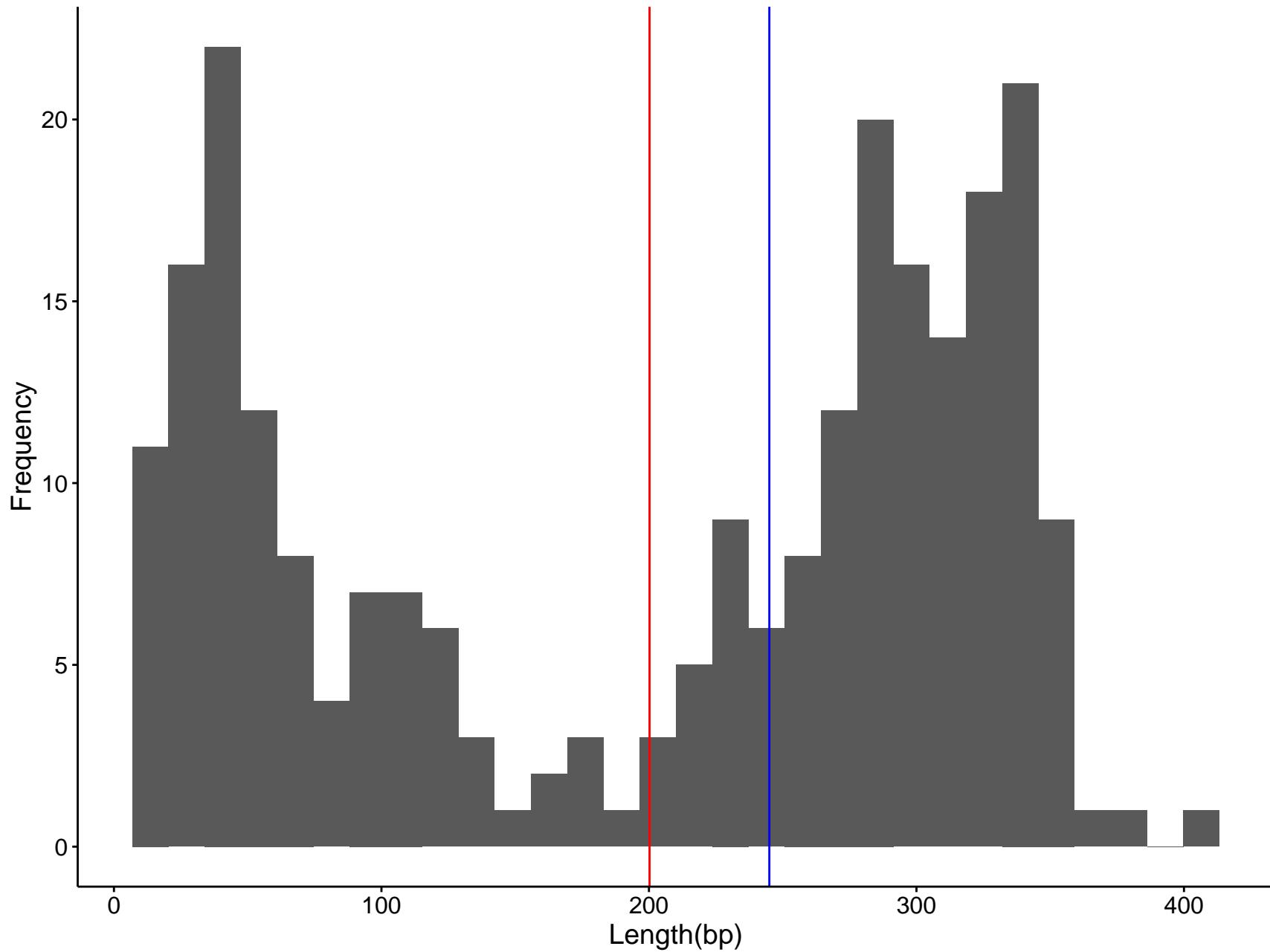
Cluster1060



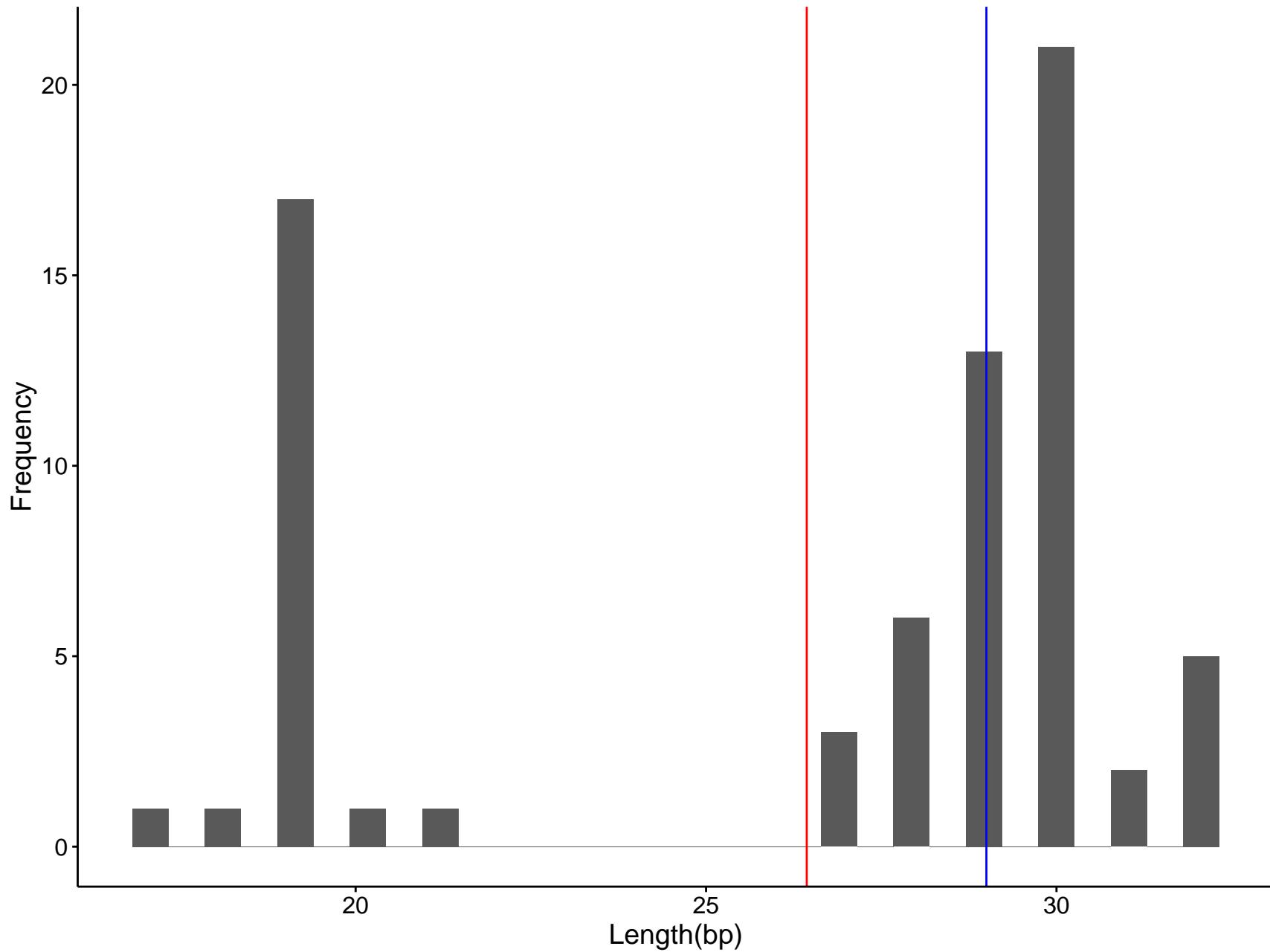
Cluster1061



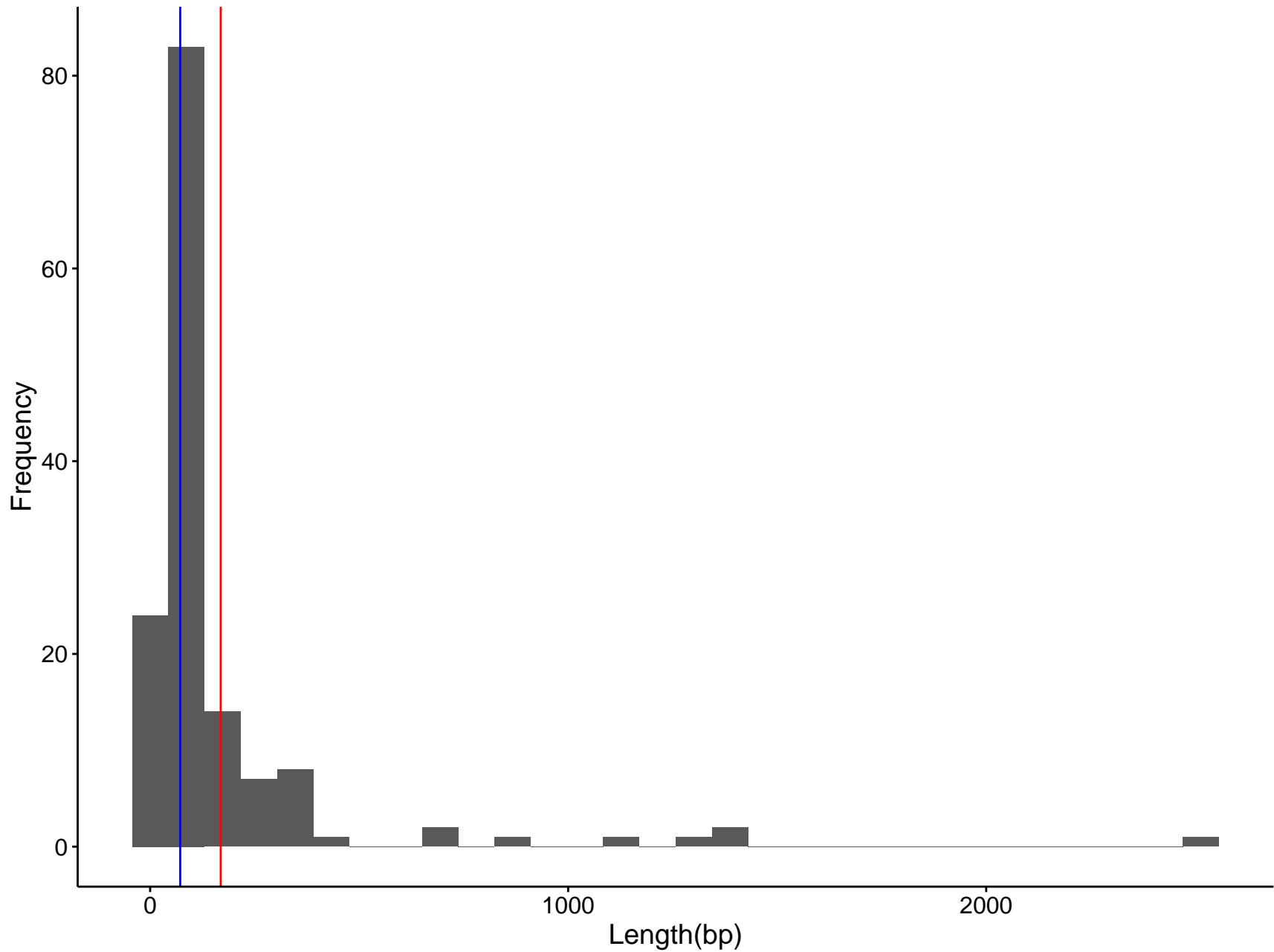
Cluster1063



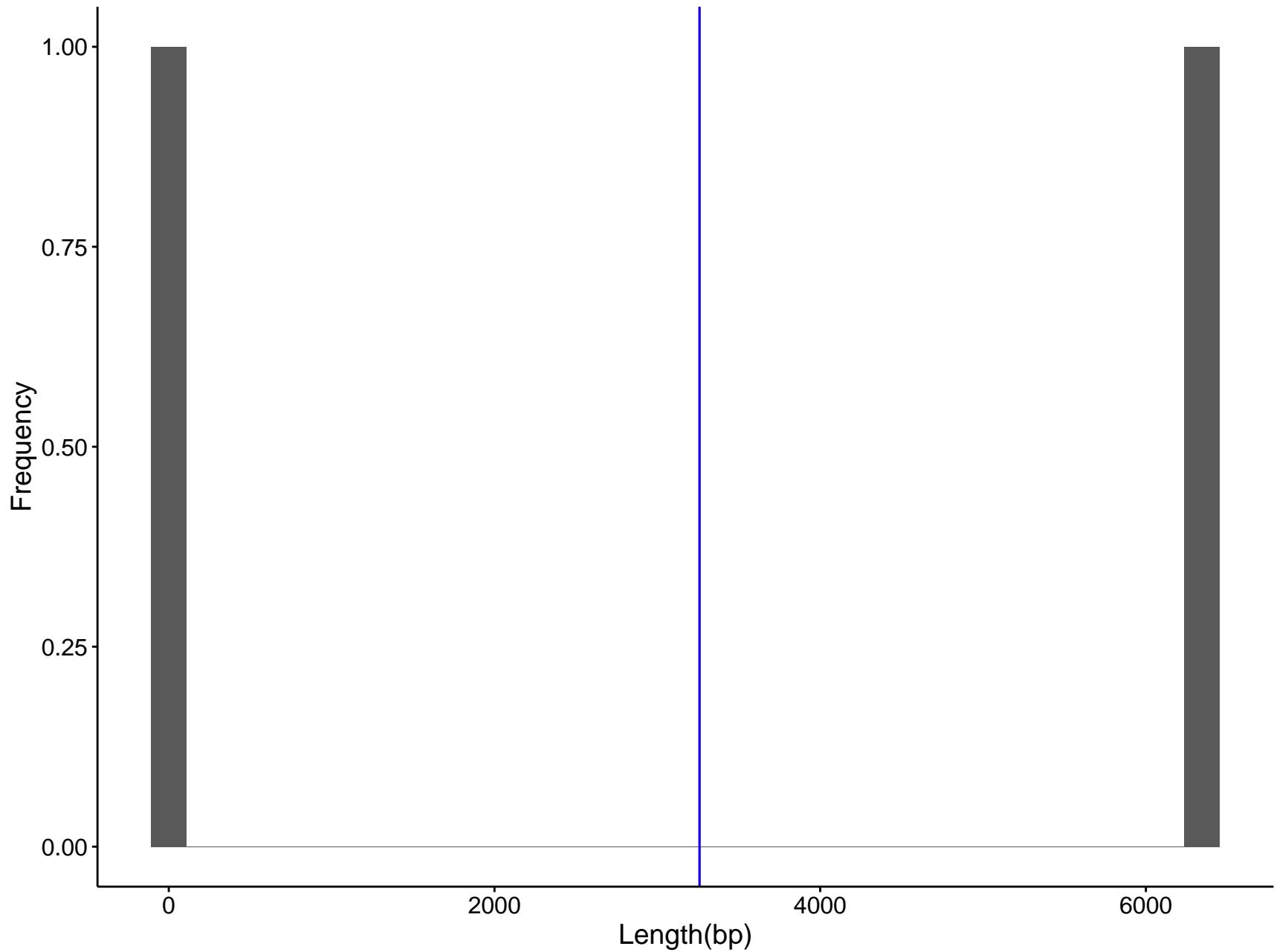
Cluster1064



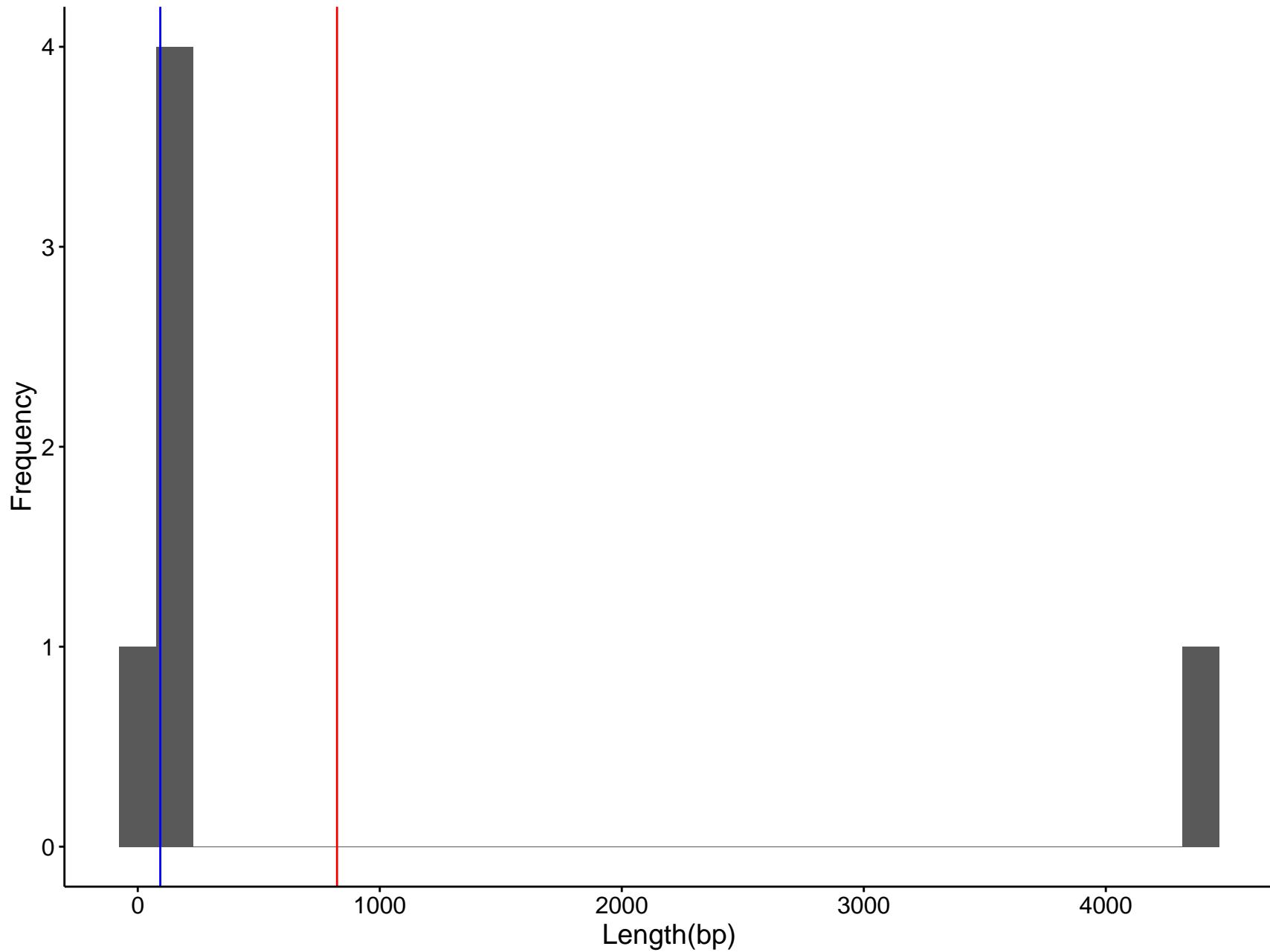
Cluster1065



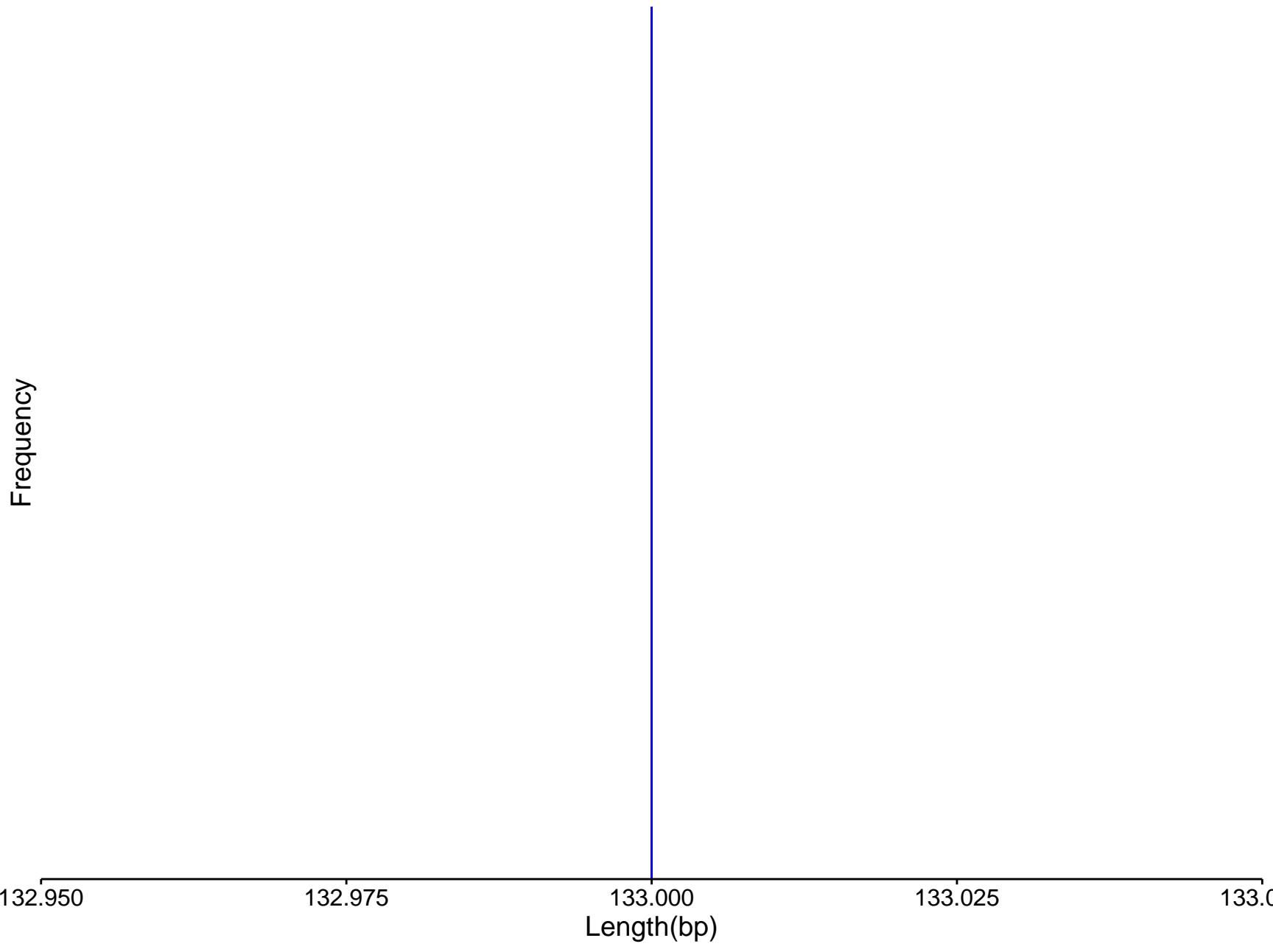
Cluster1066



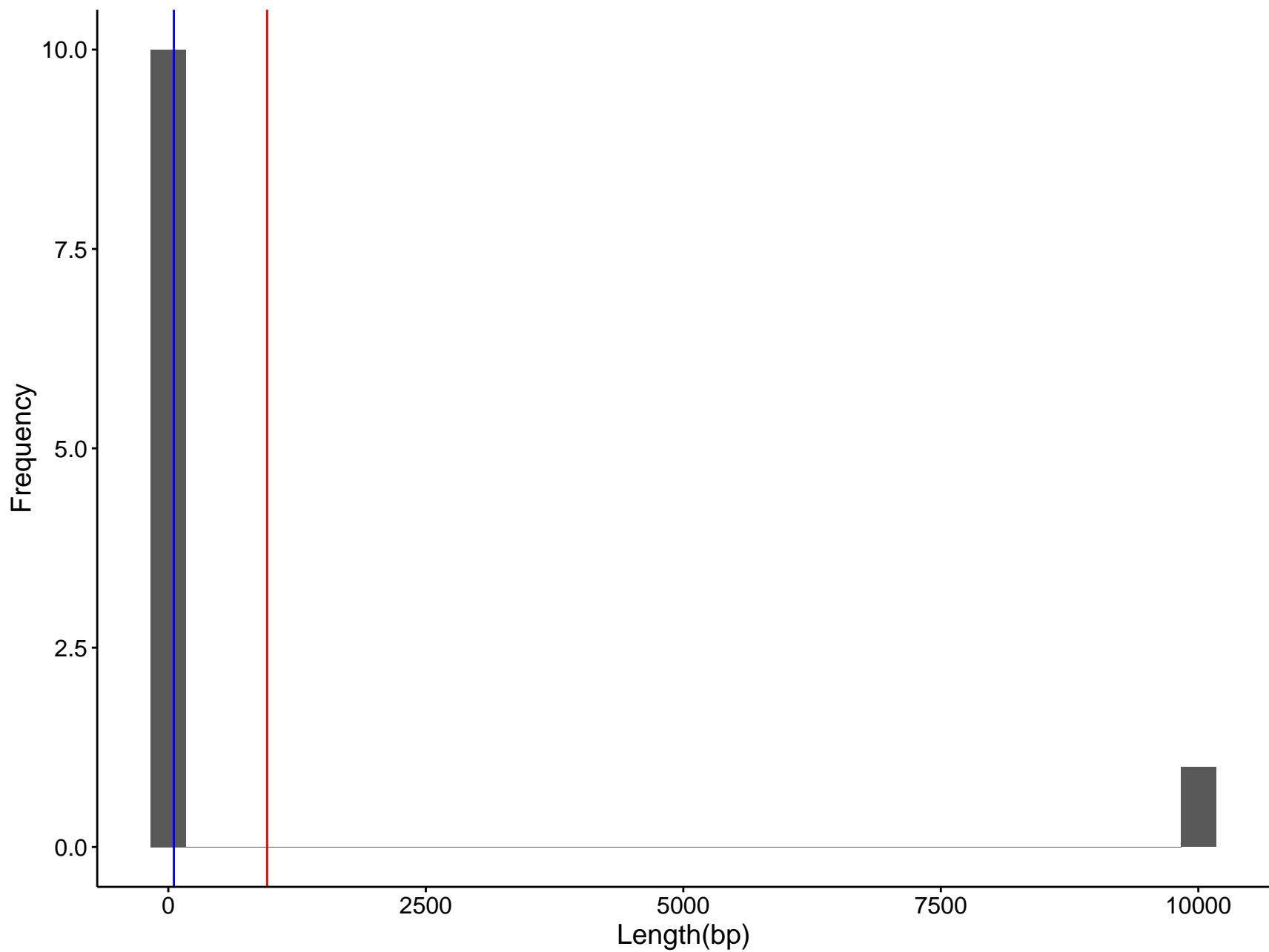
Cluster1067



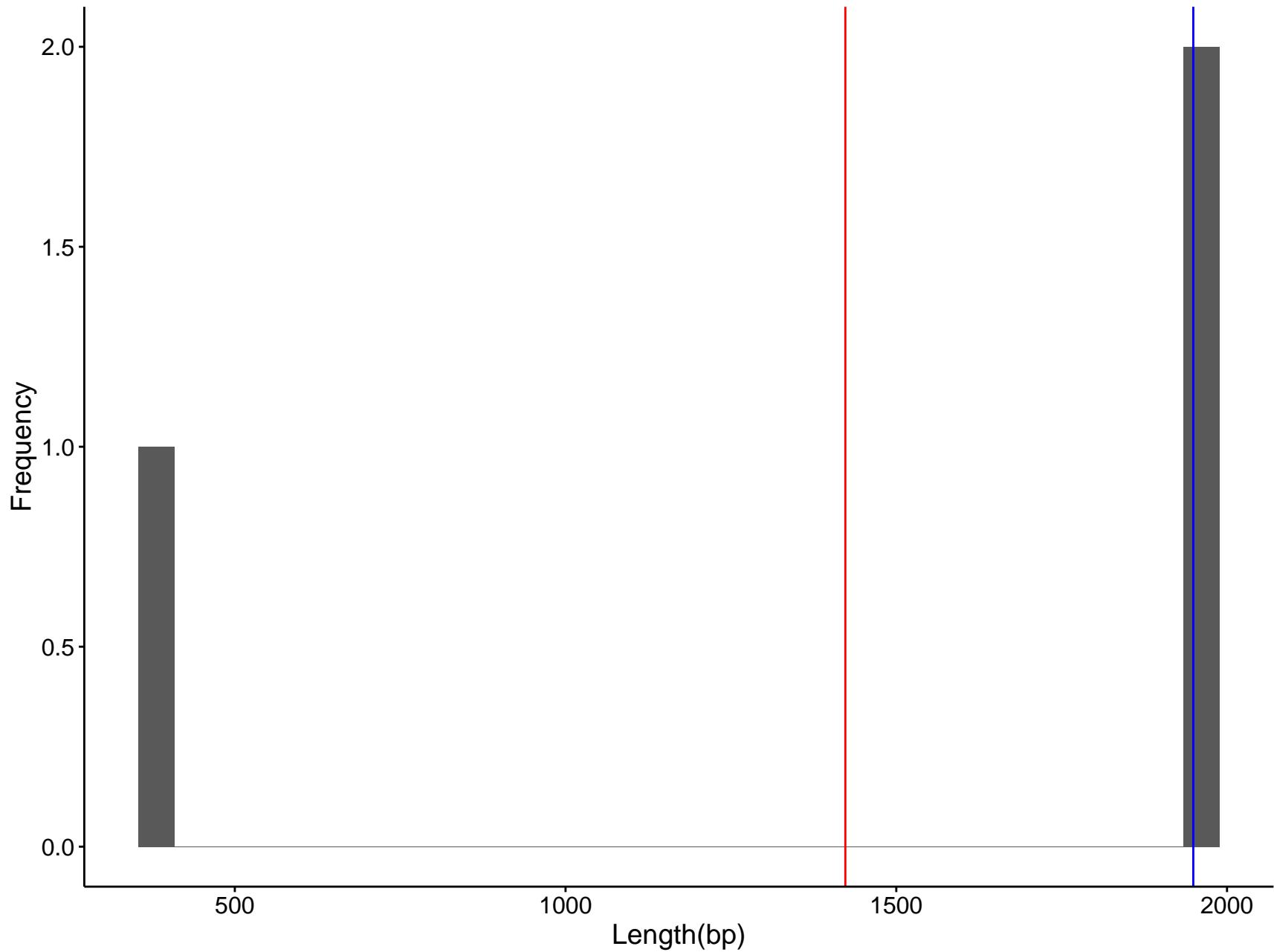
Cluster1068



Cluster1069



Cluster1070



Cluster1072

Frequency

510.950

510.975

511.000

511.025

Length(bp)



Cluster1075

Frequency

1018.950

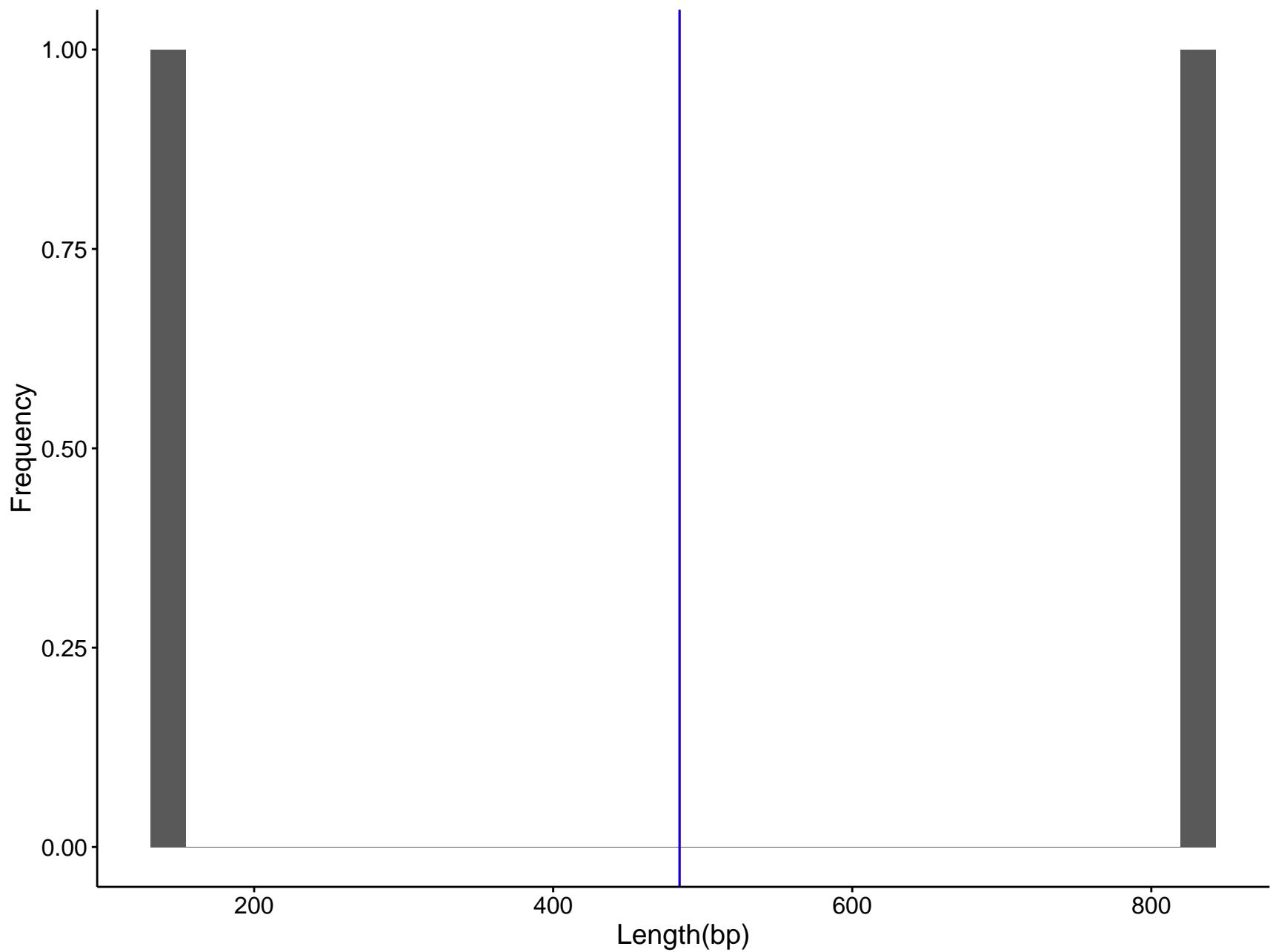
1018.975

1019.000
Length(bp)

1019.025



Cluster1076



Cluster1079

Frequency

204.950

204.975

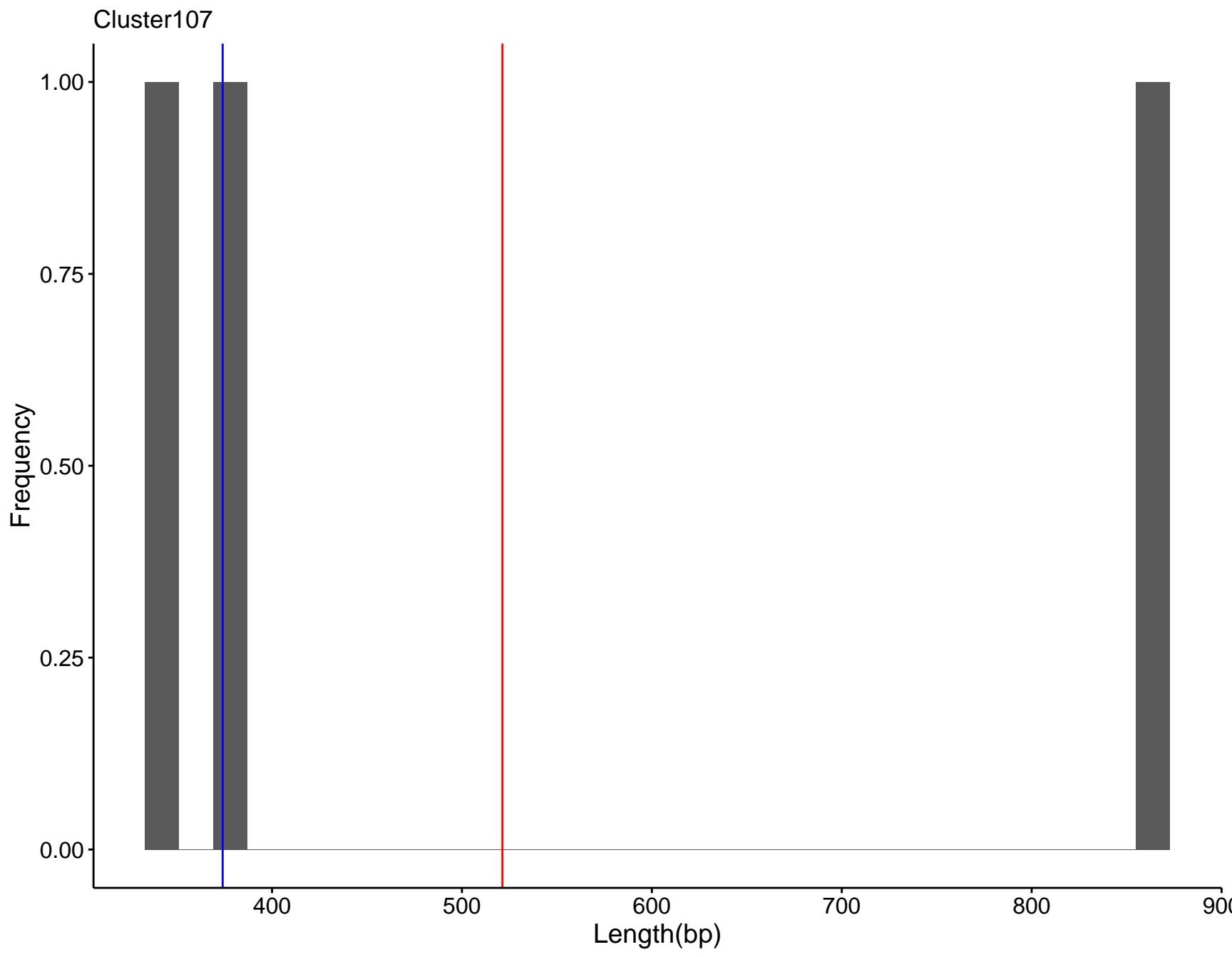
205.000

205.025

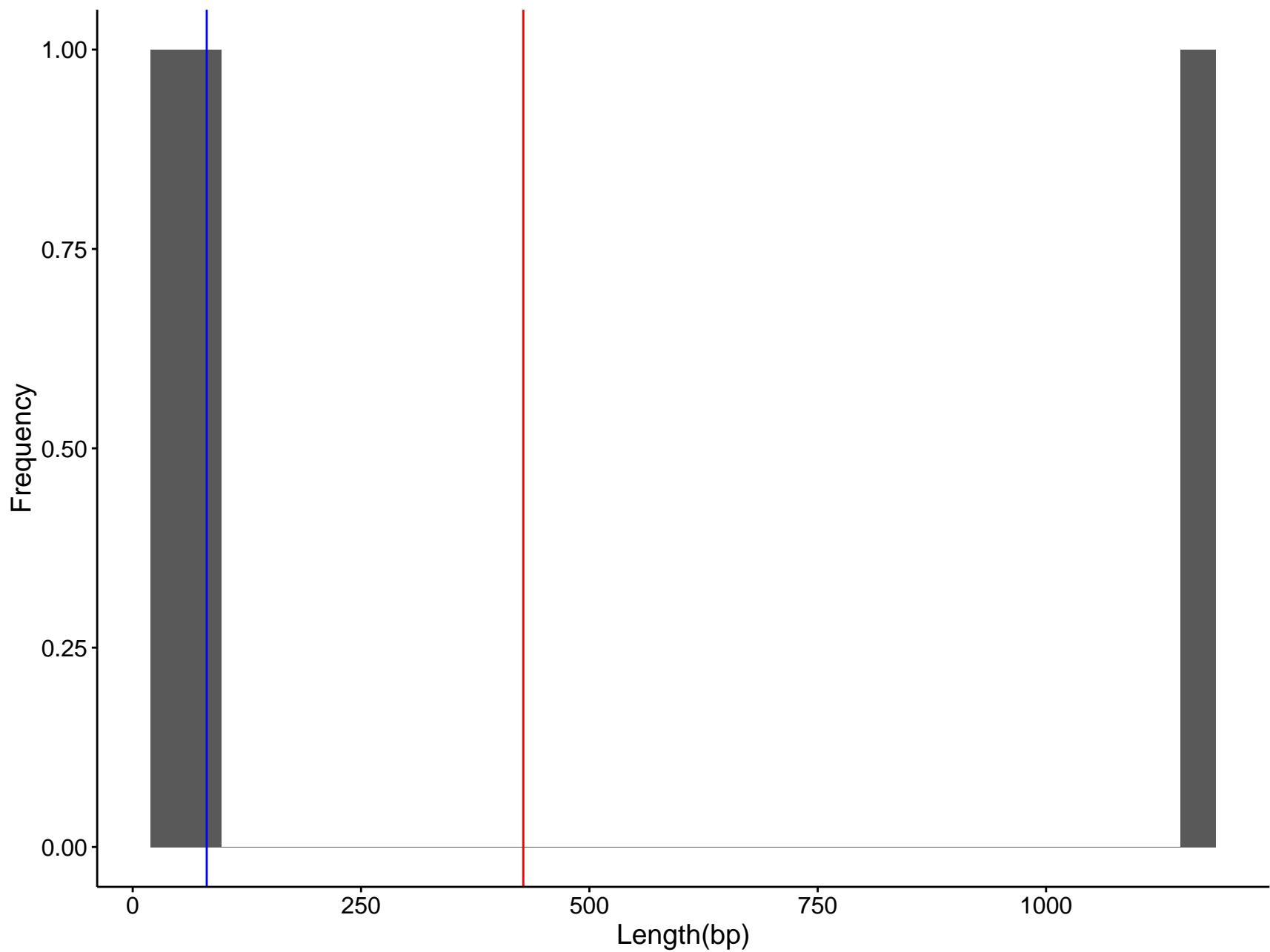
205.050

Length(bp)

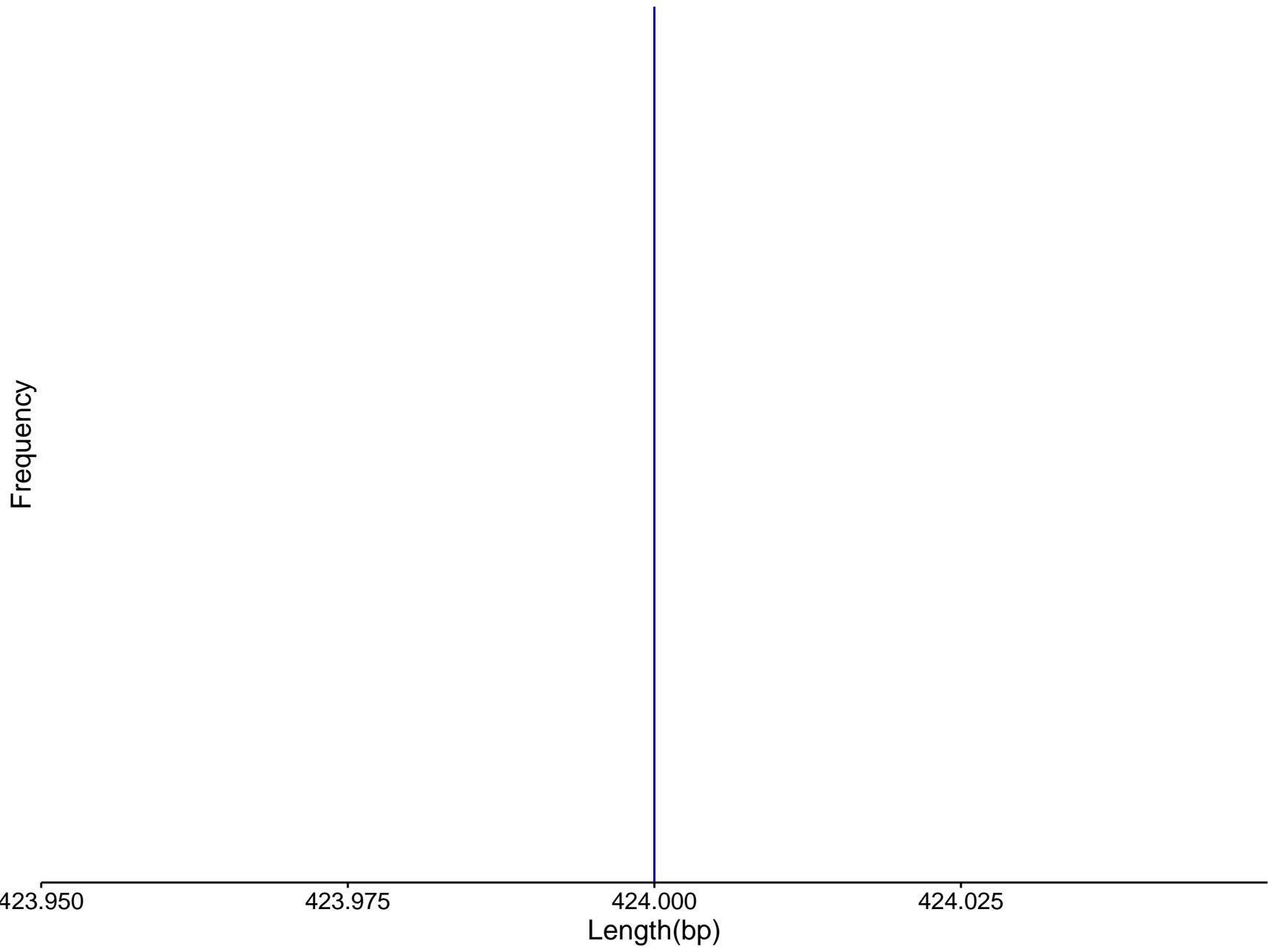




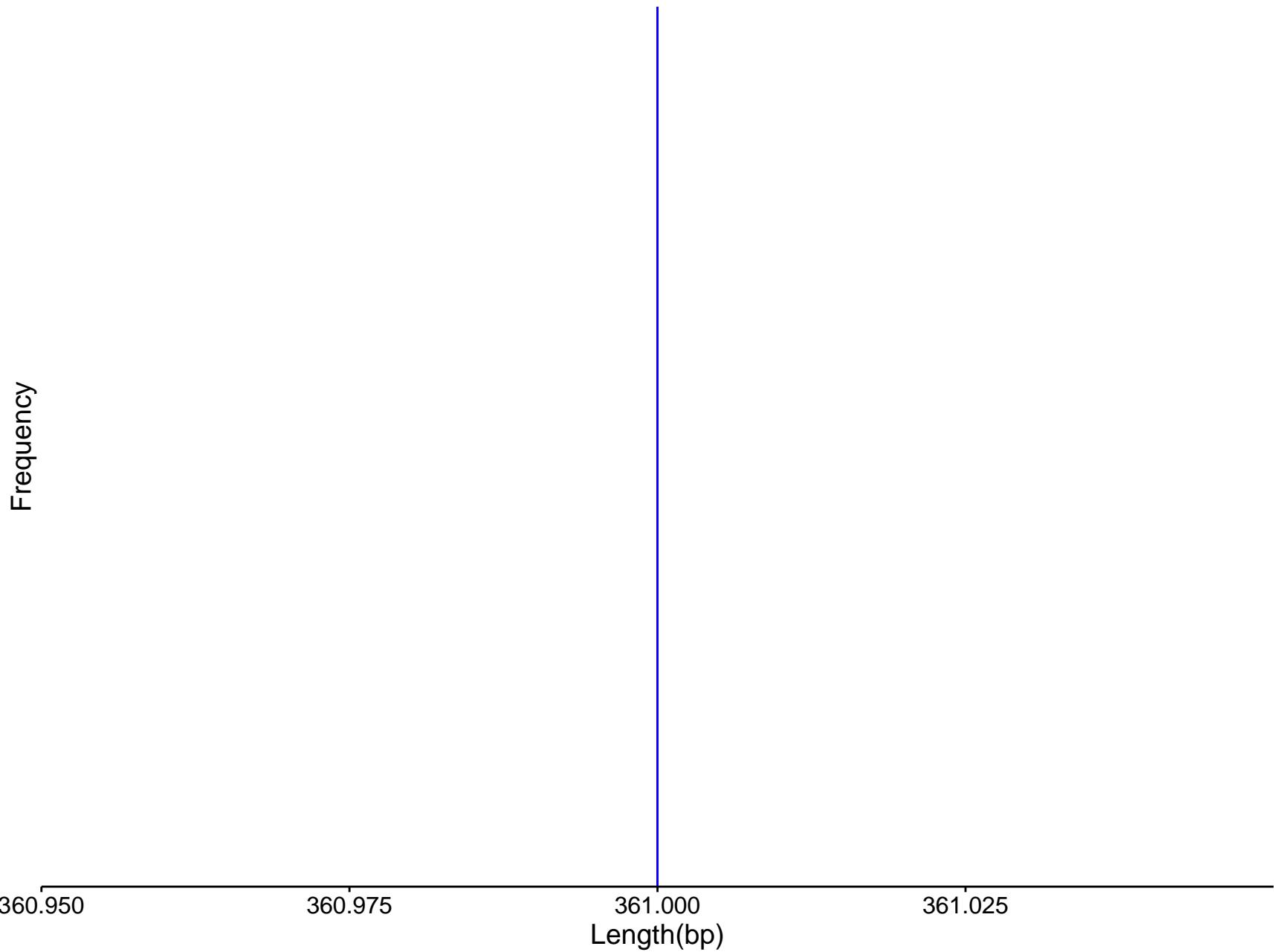
Cluster1080



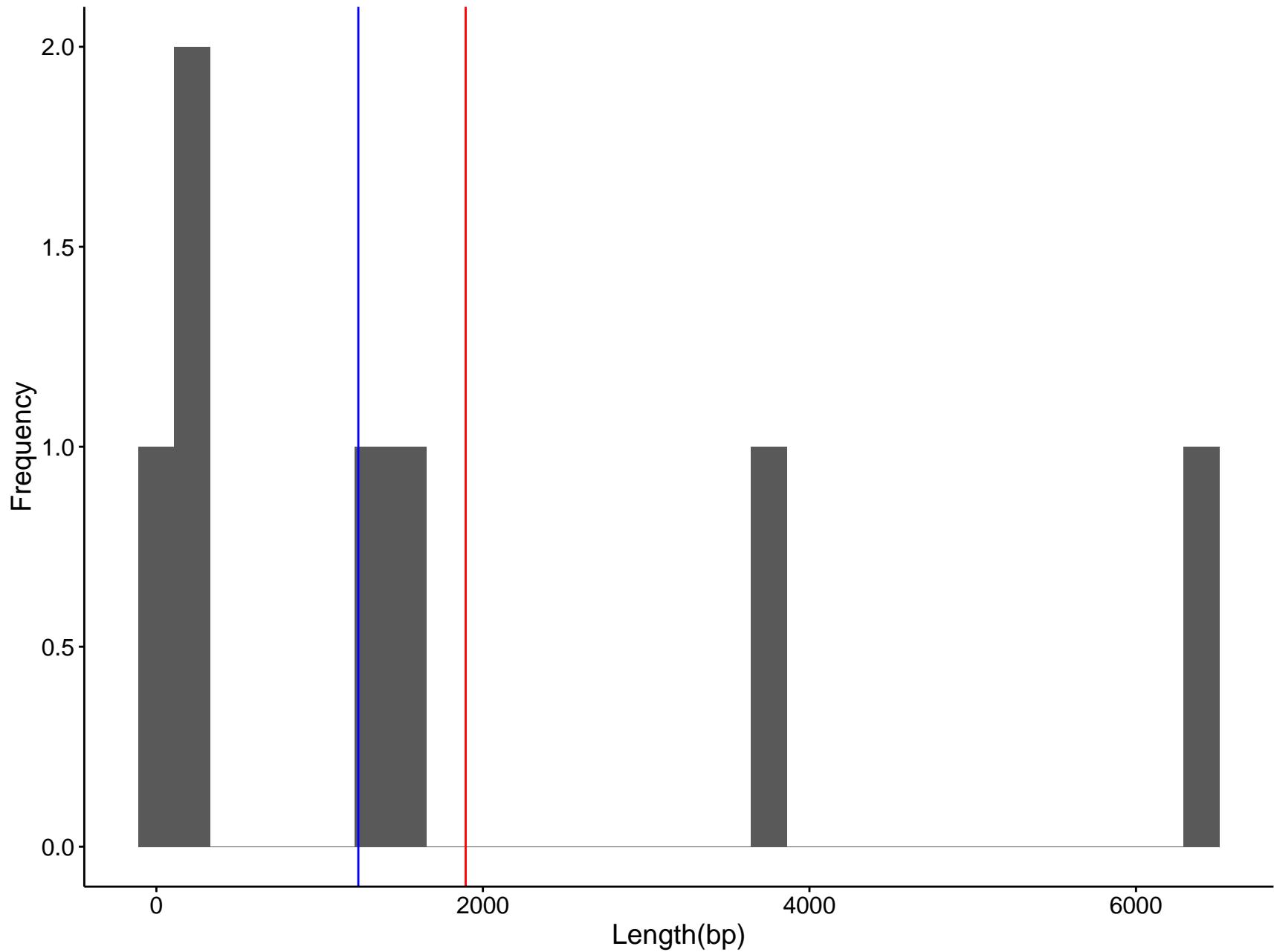
Cluster1081



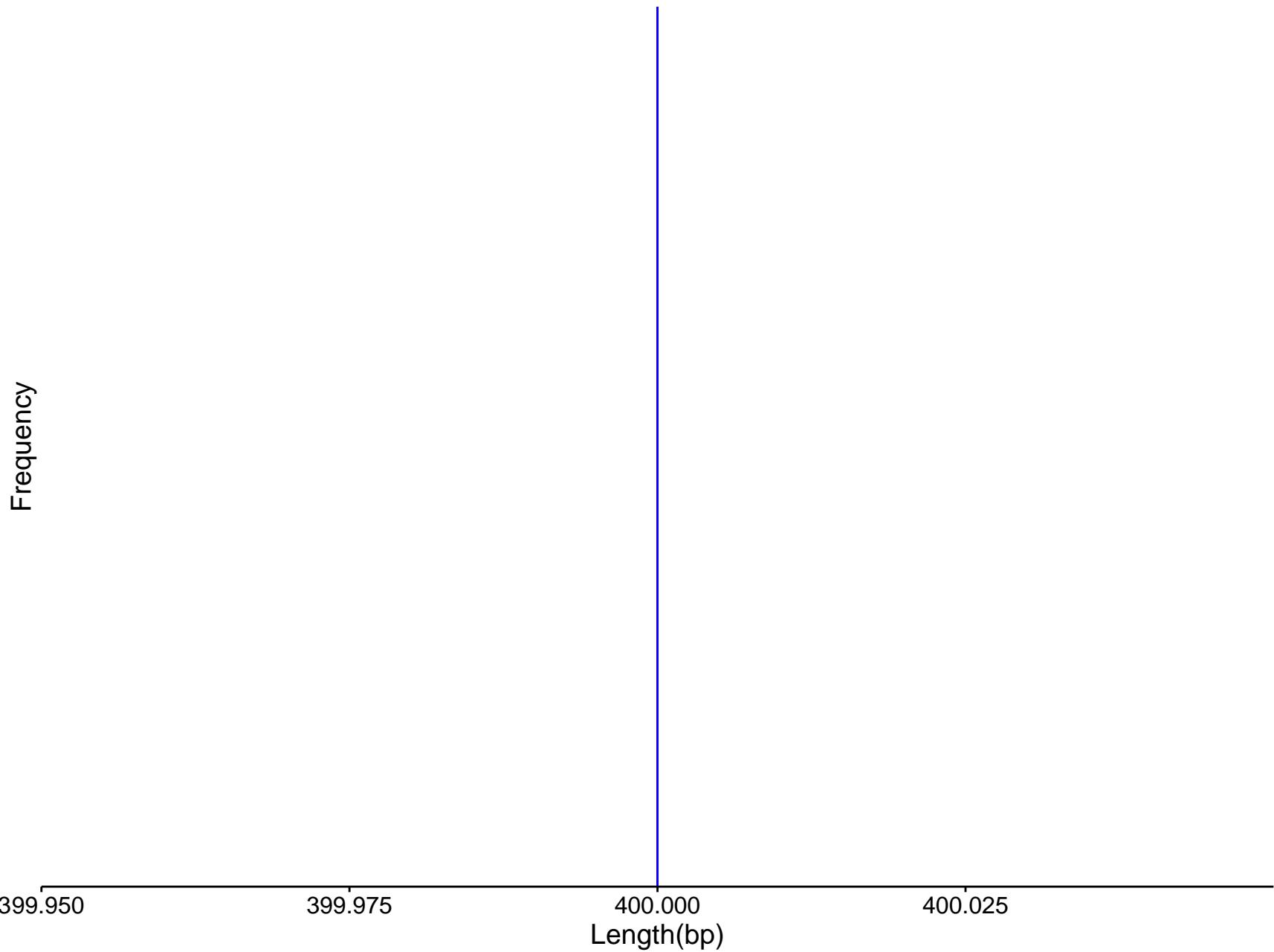
Cluster1086



Cluster1087



Cluster1088



Cluster1089

Frequency

615.950

615.975

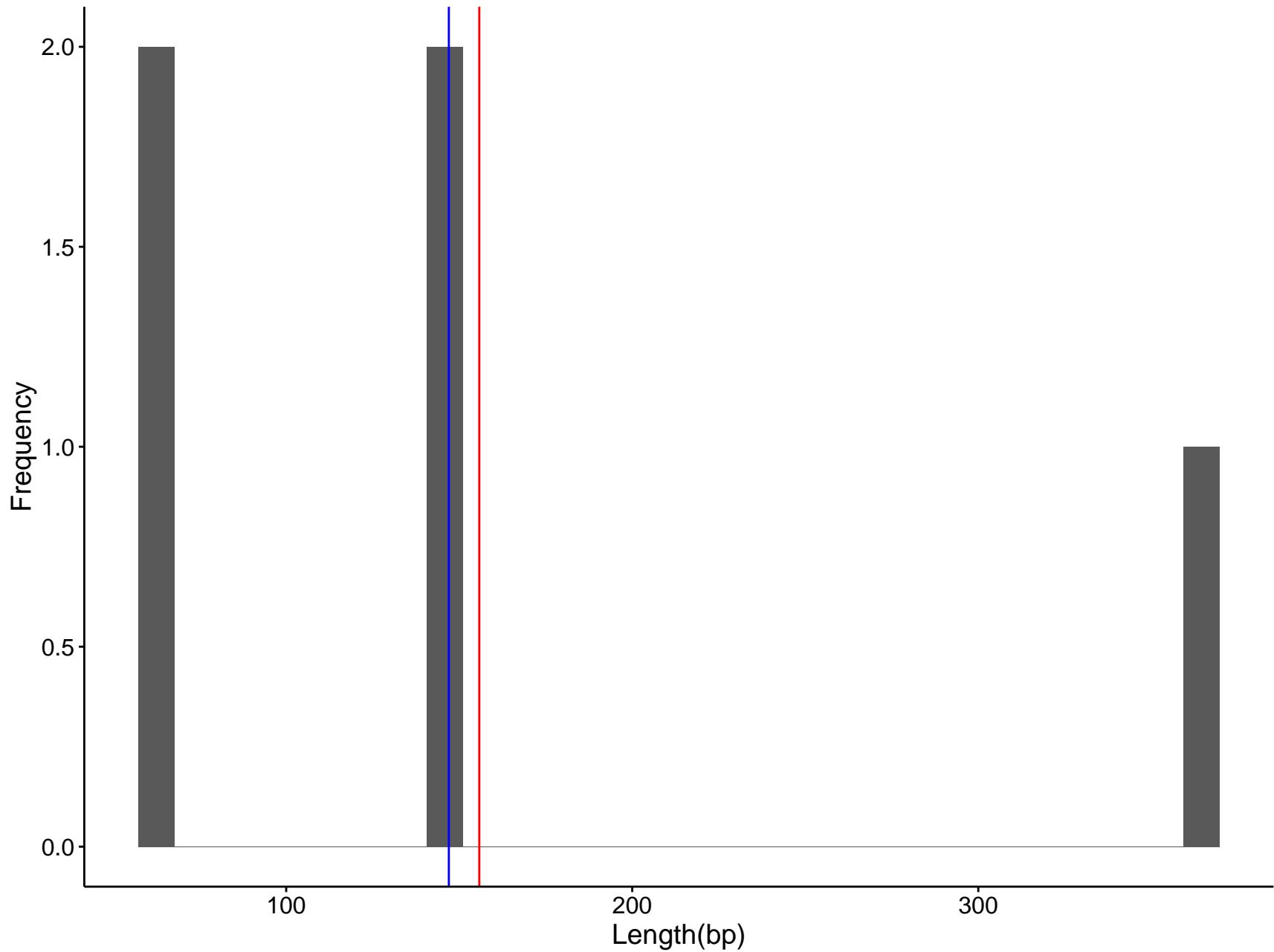
616.000

616.025

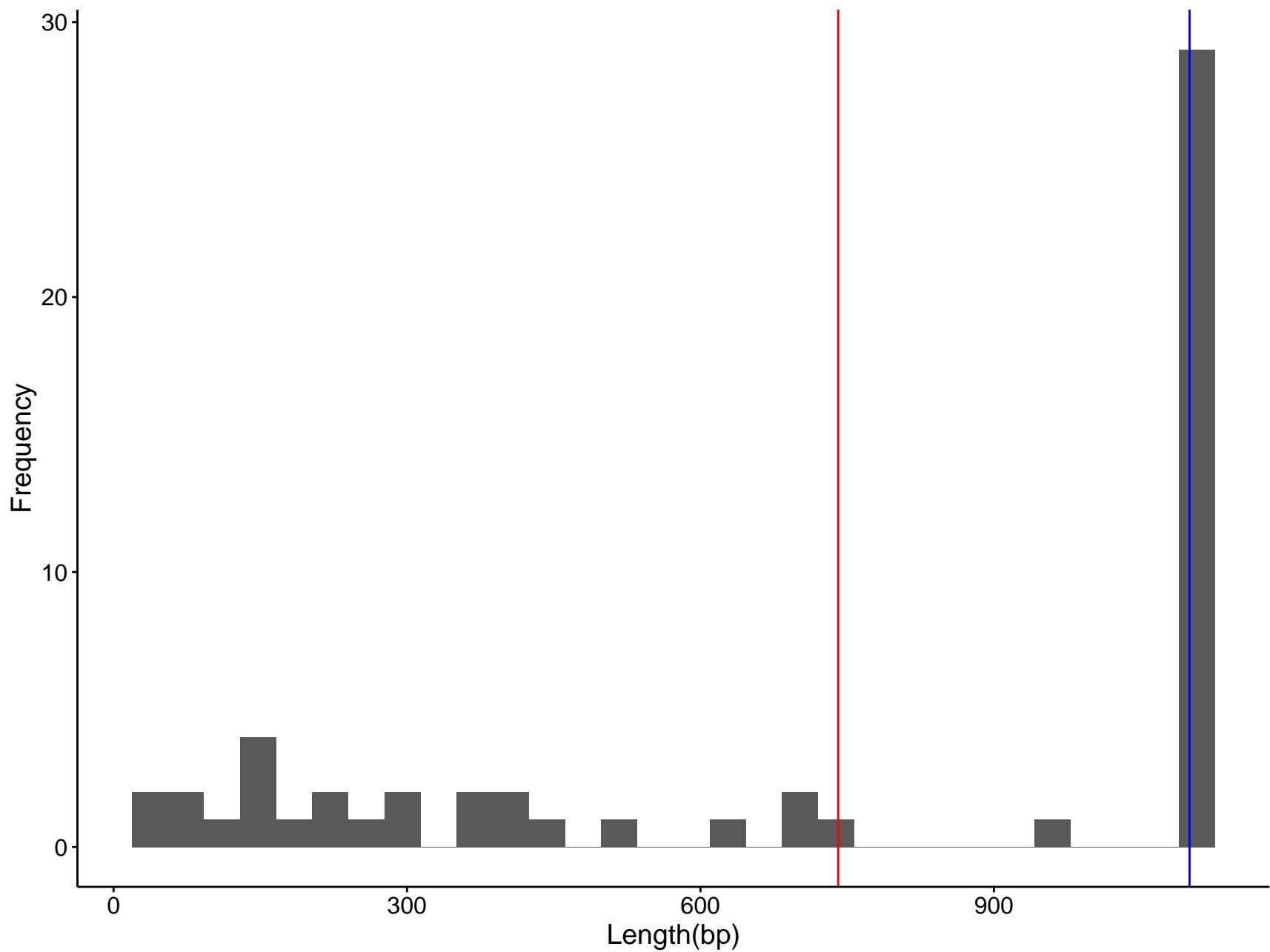
Length(bp)



Cluster108



Cluster1091



Cluster1092

Frequency

390.950

390.975

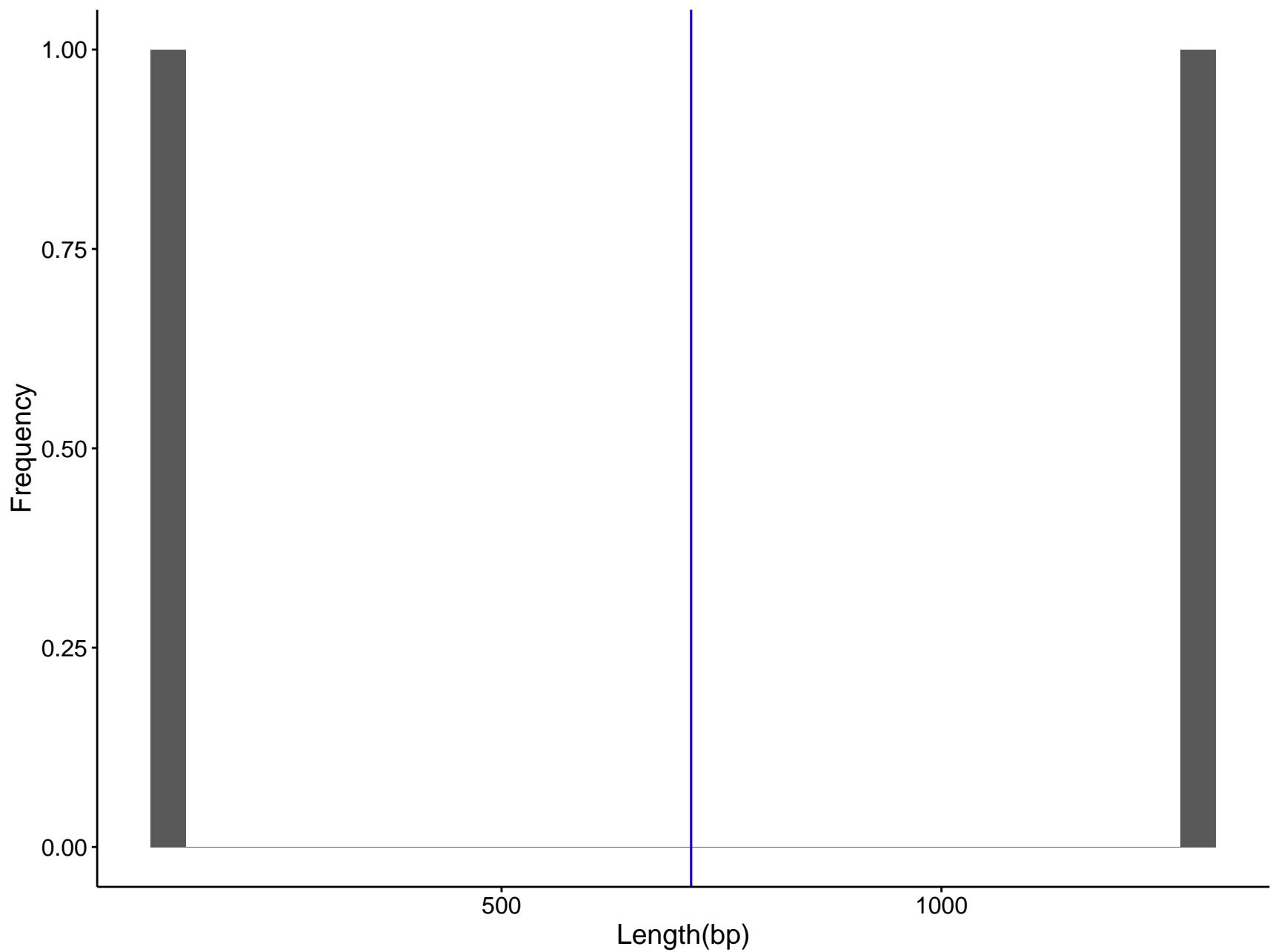
391.000

391.025

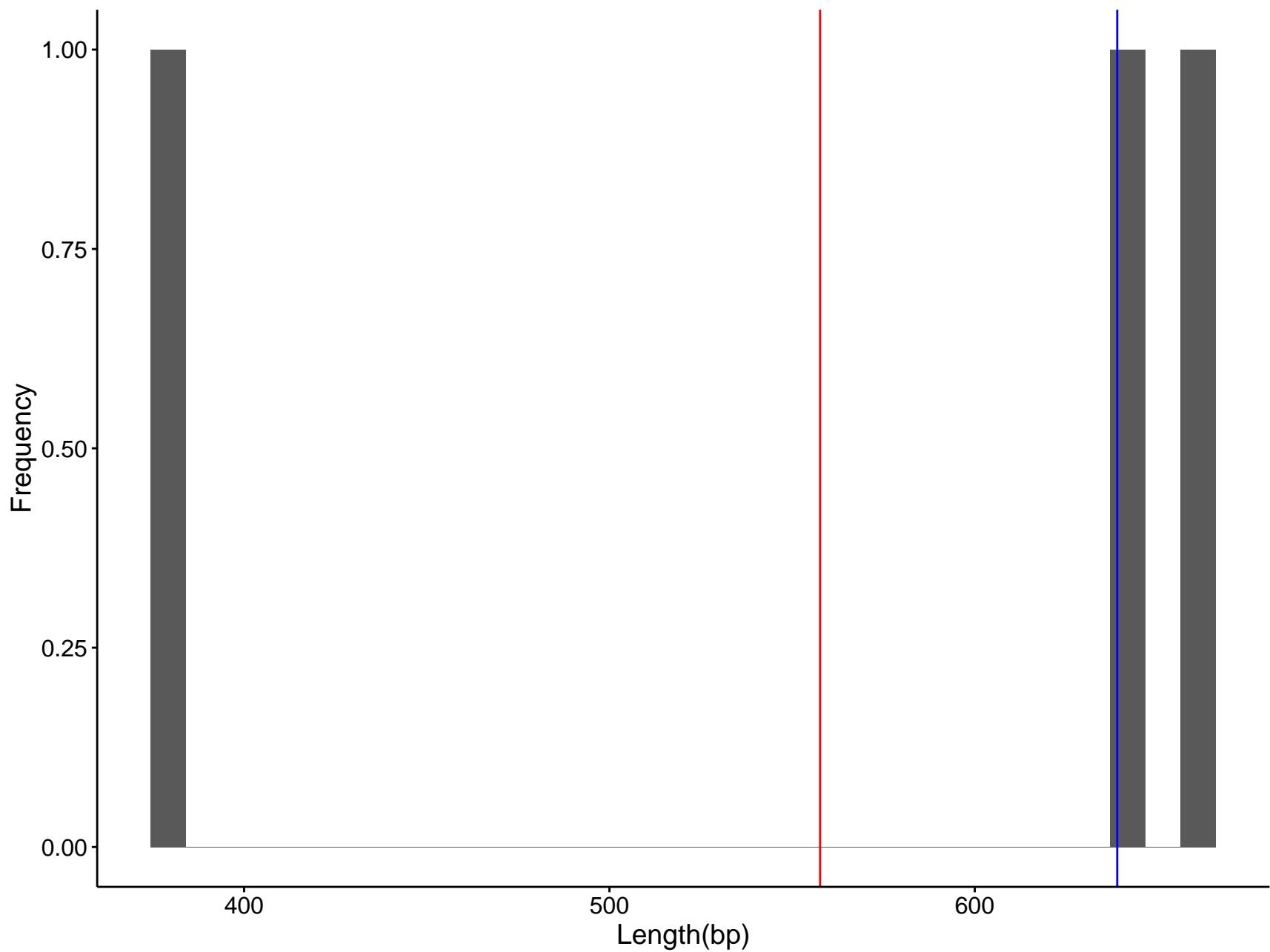
Length(bp)



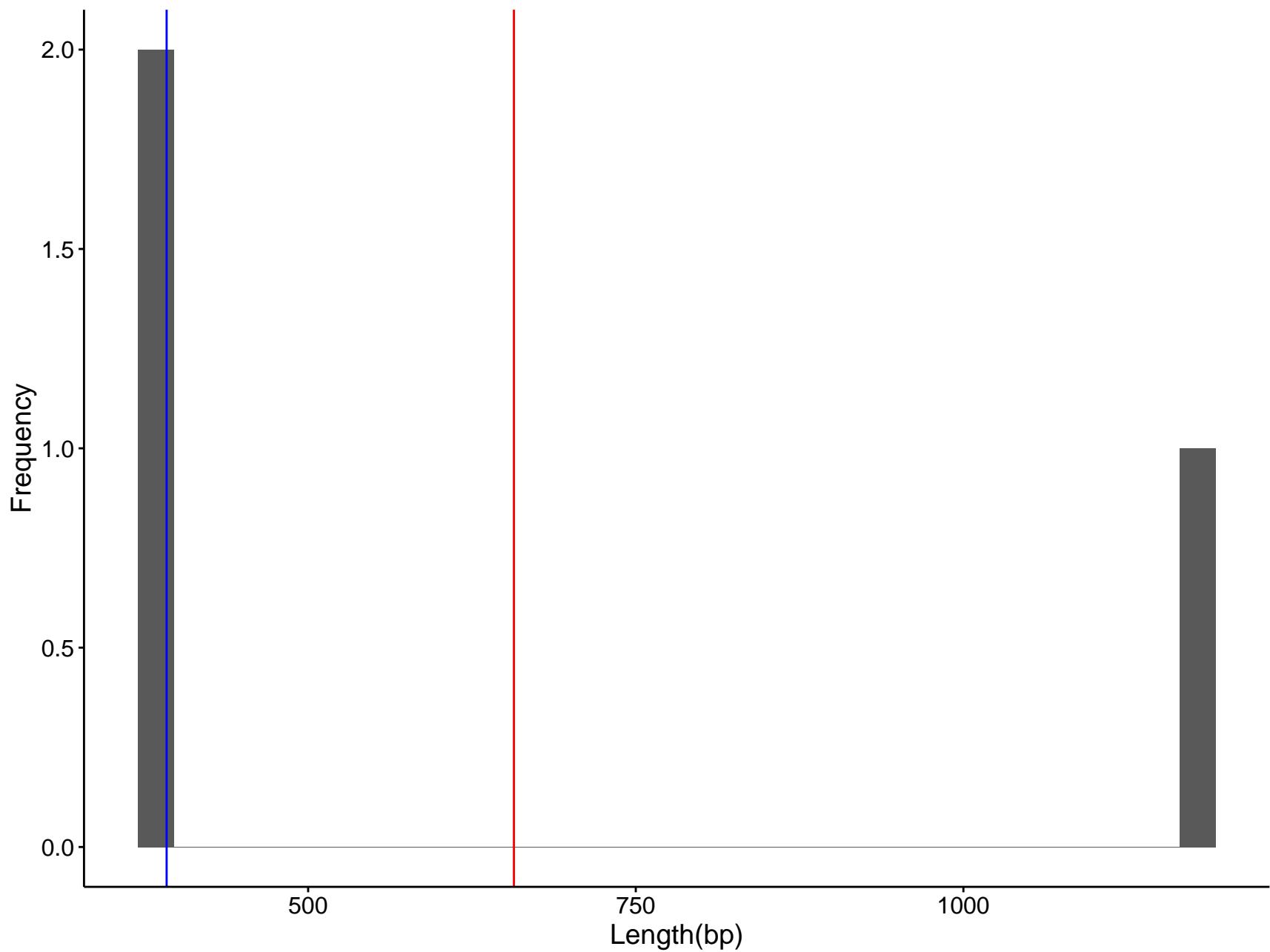
Cluster1093



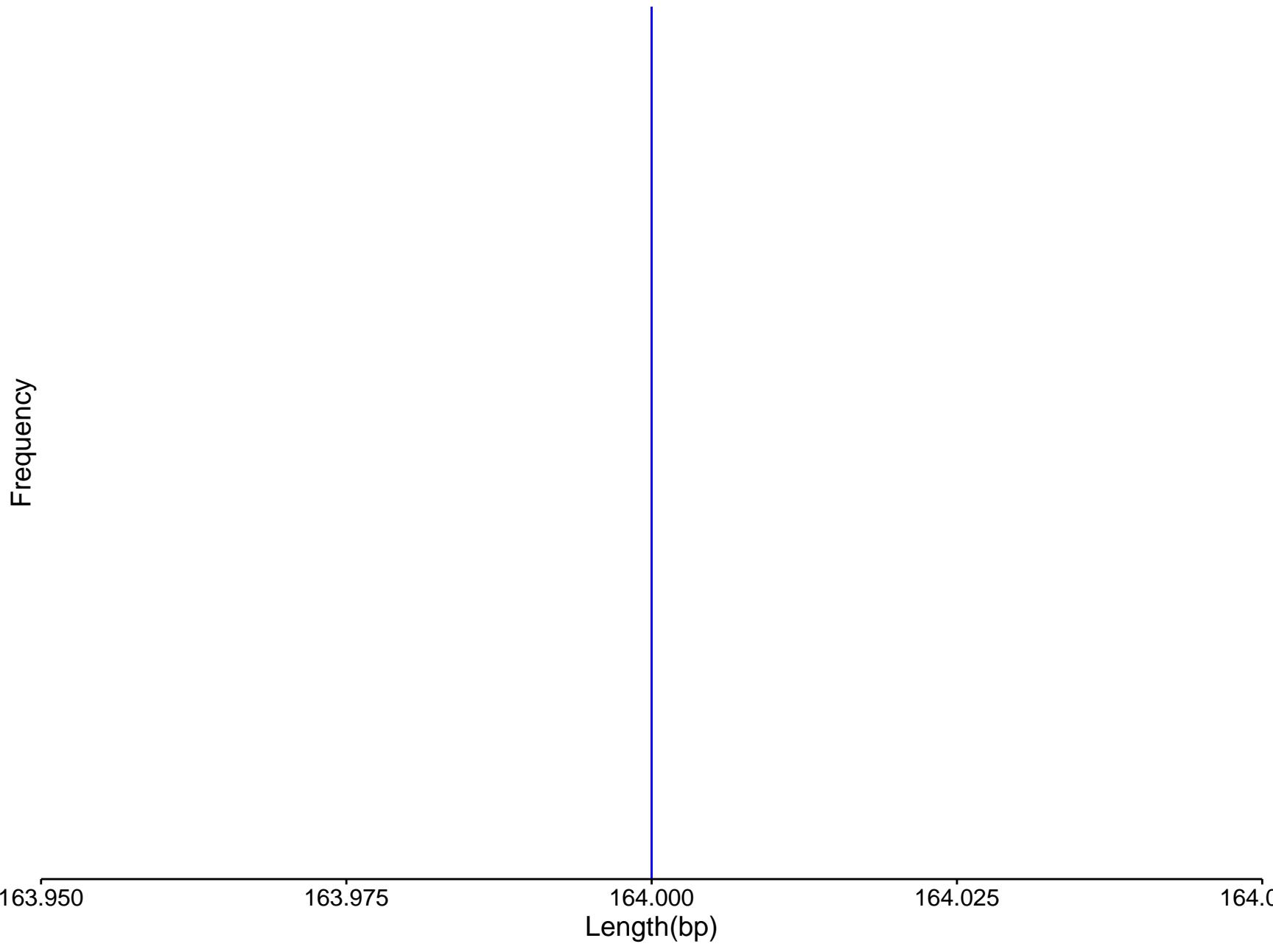
Cluster1094



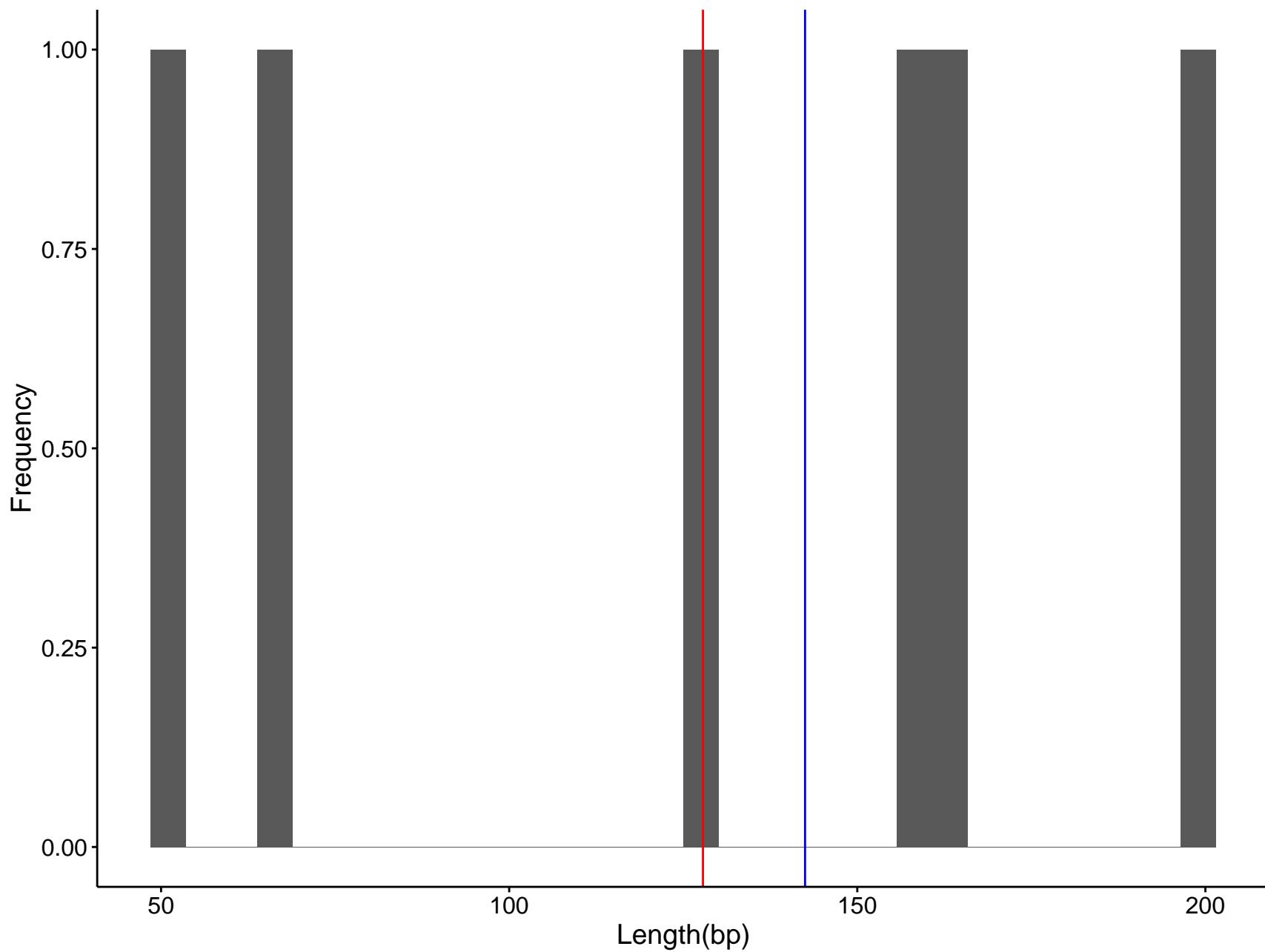
Cluster1095



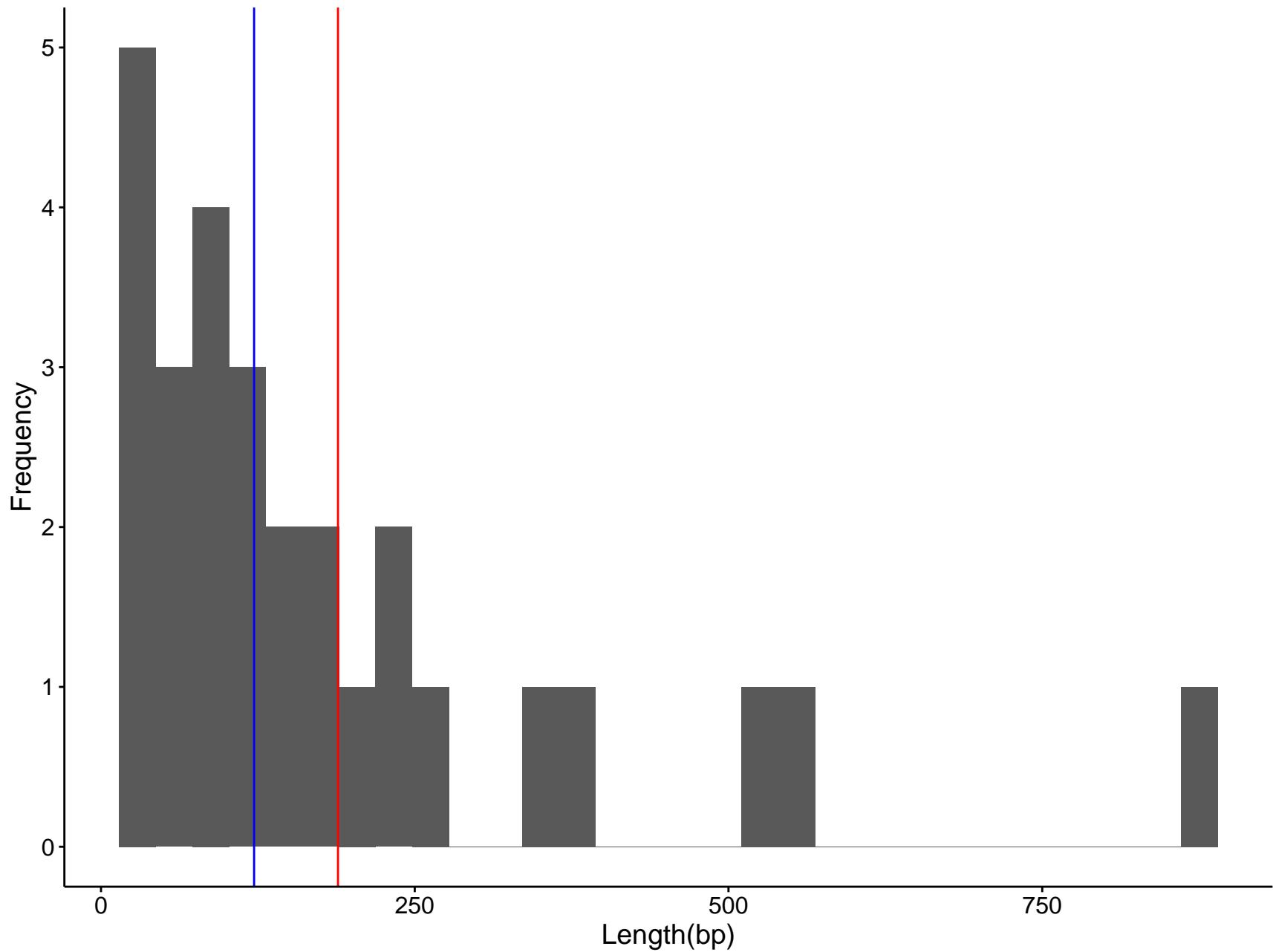
Cluster1098



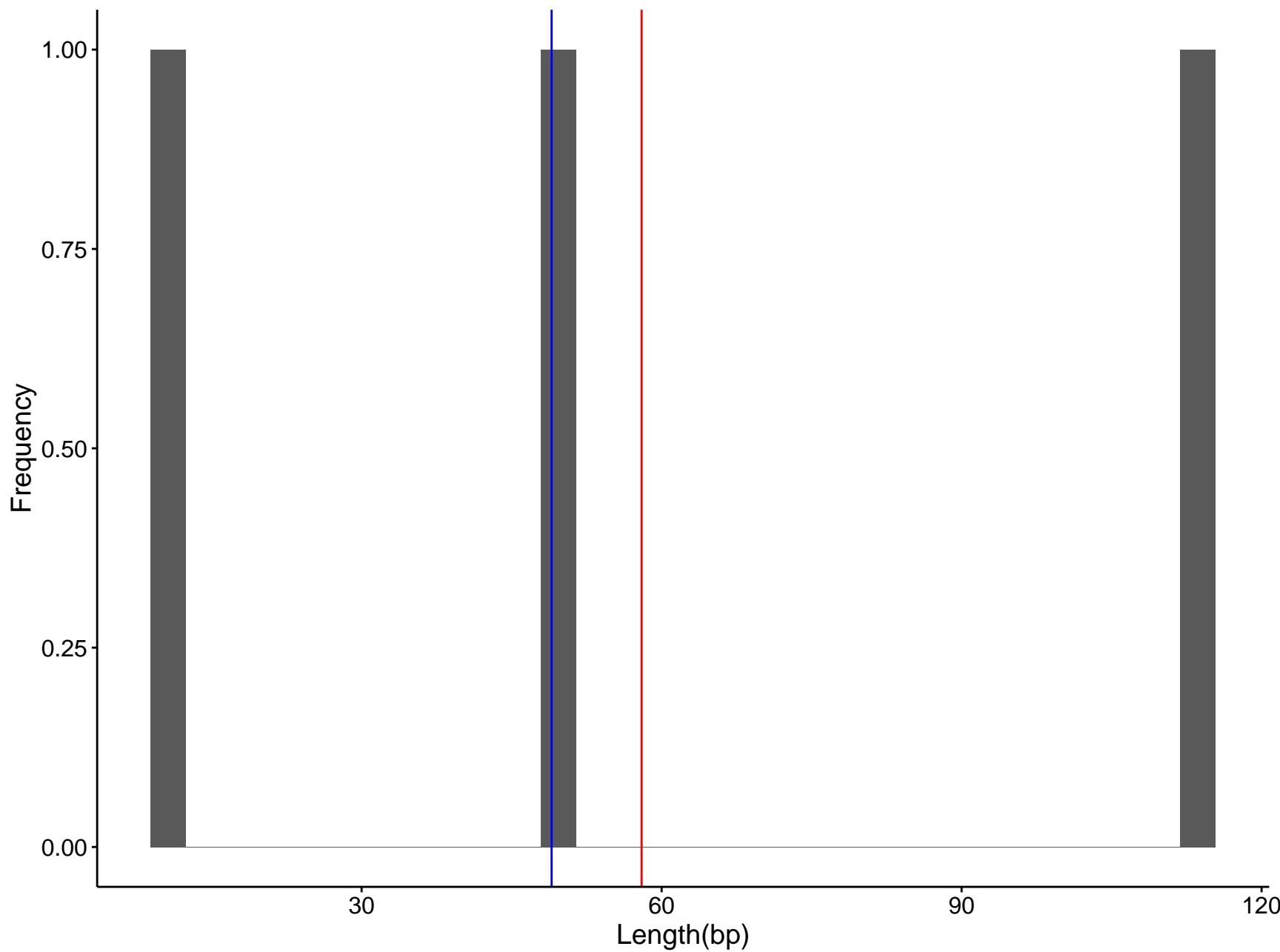
Cluster1099



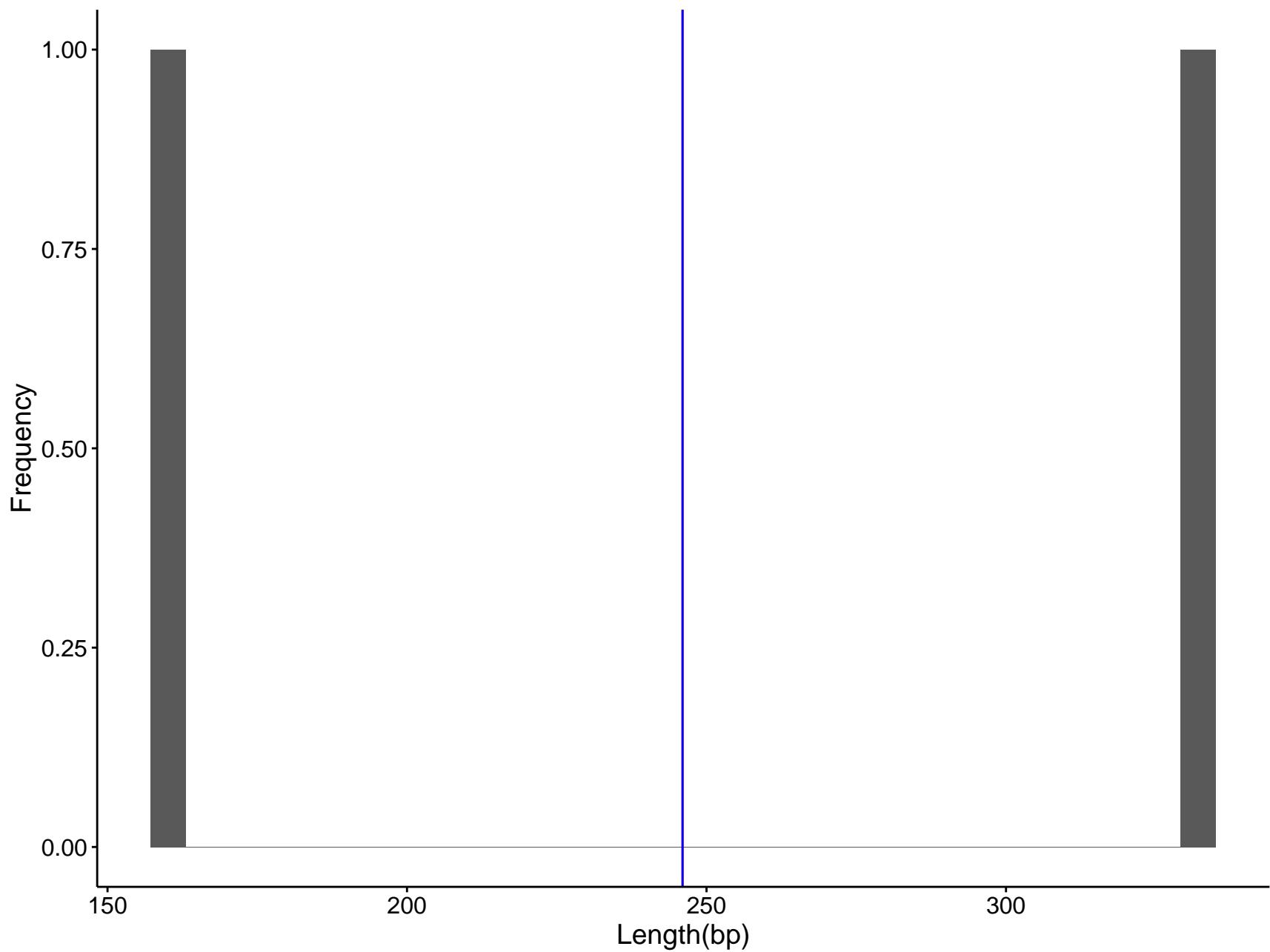
Cluster10



Cluster1101



Cluster1102



Cluster1106

Frequency

42.950

42.975

43.000

43.025

Length(bp)



Cluster1109

Frequency

25.950

25.975

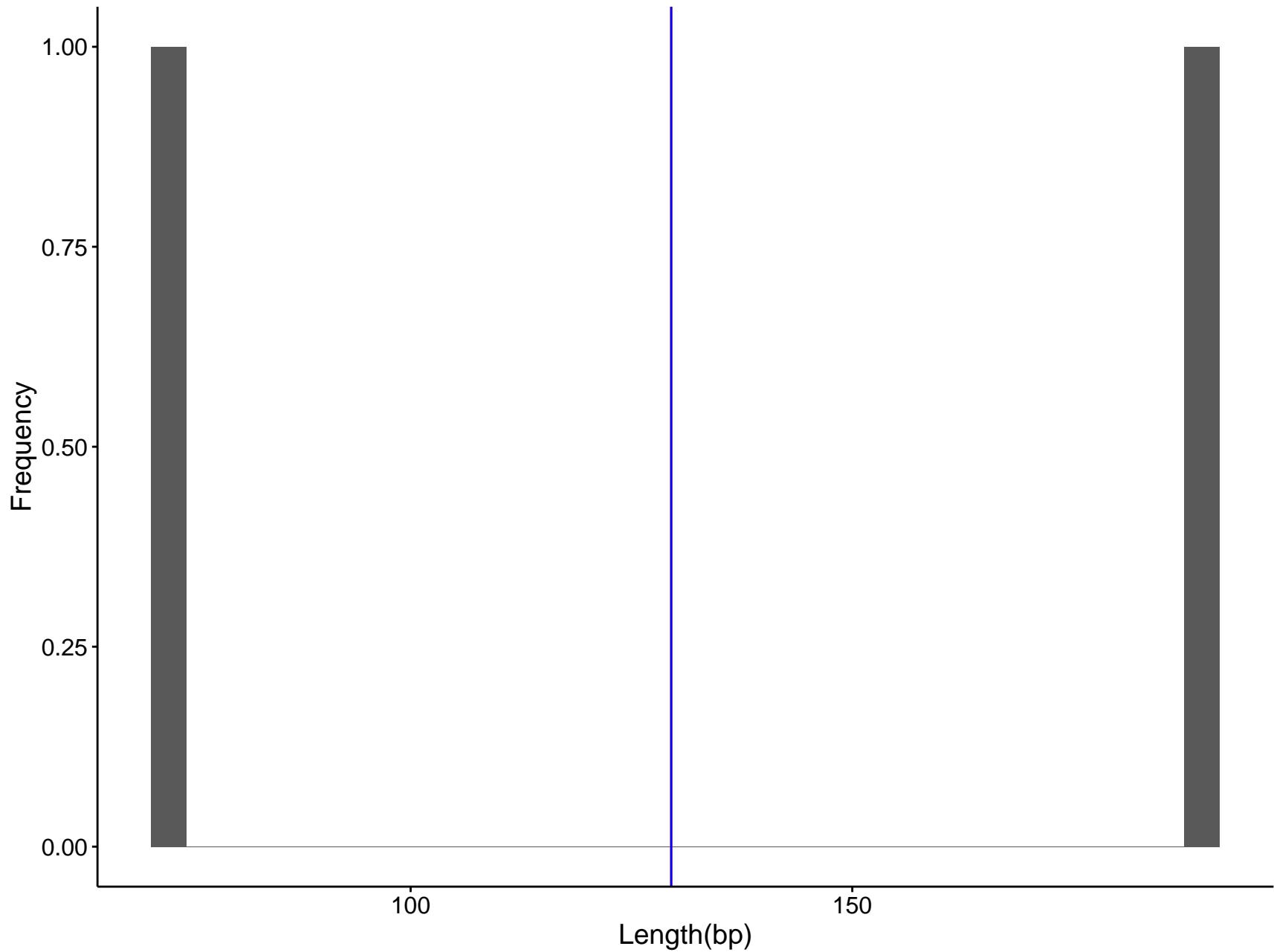
26.000

26.025

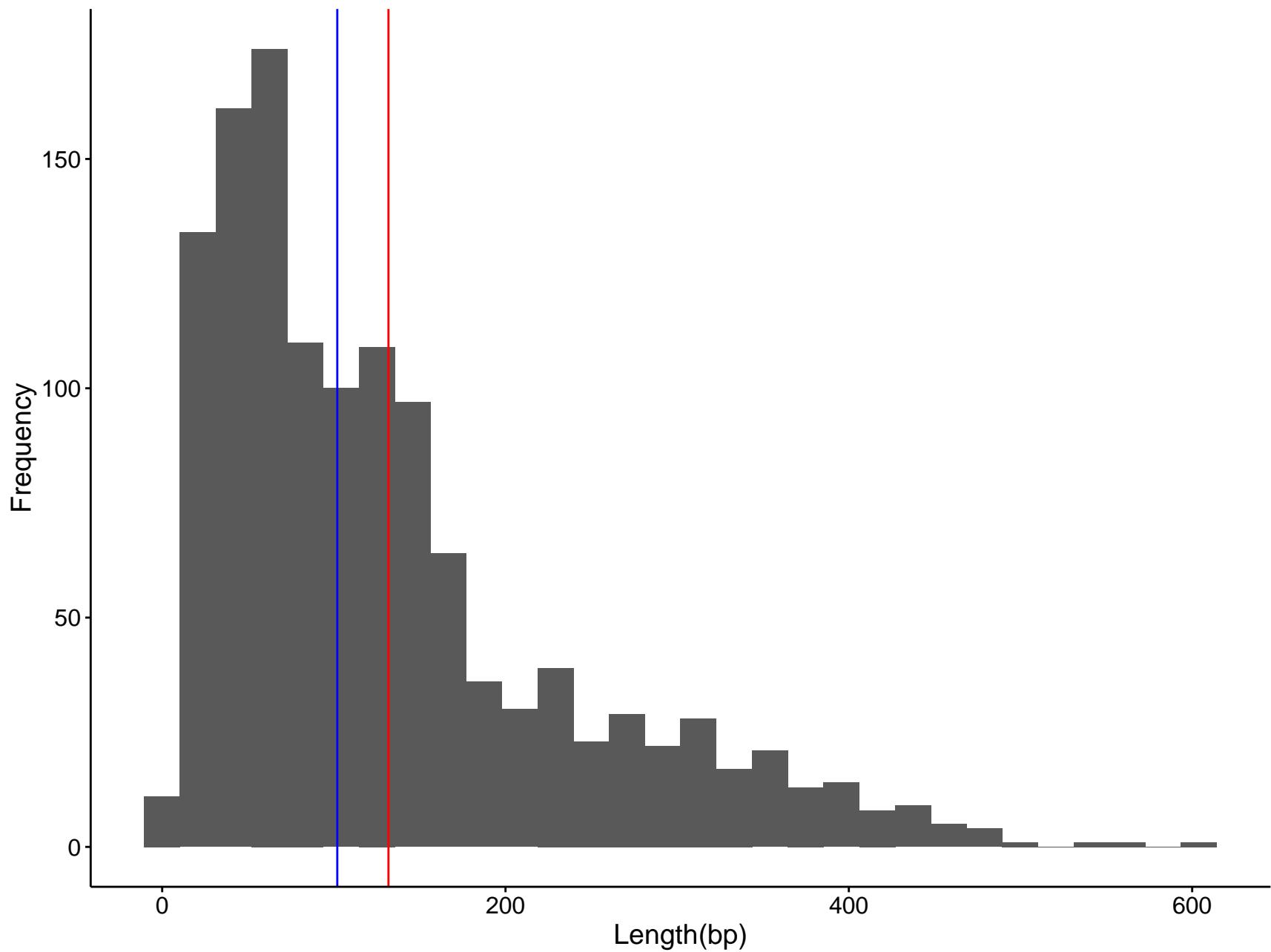
Length(bp)



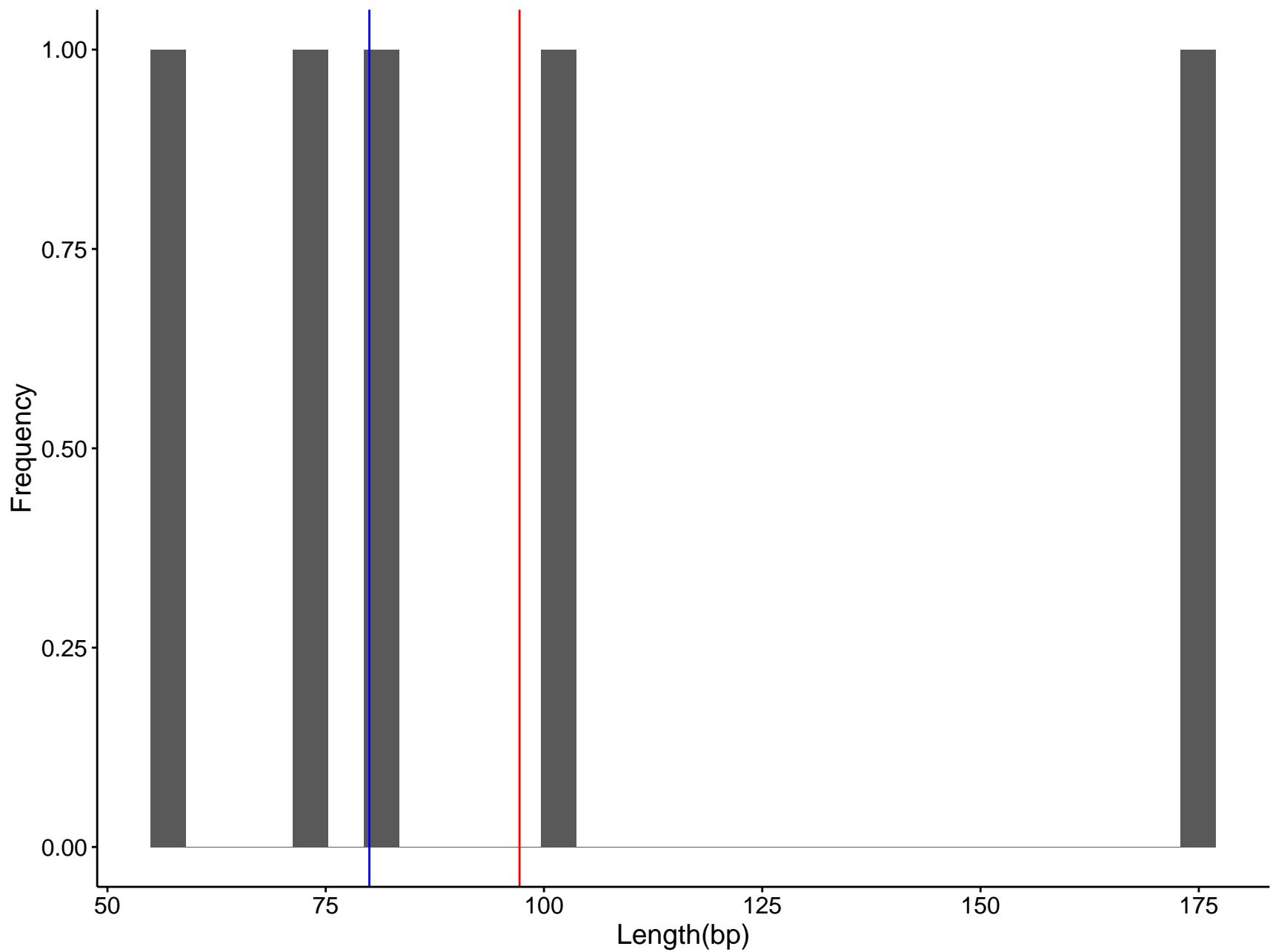
Cluster1111



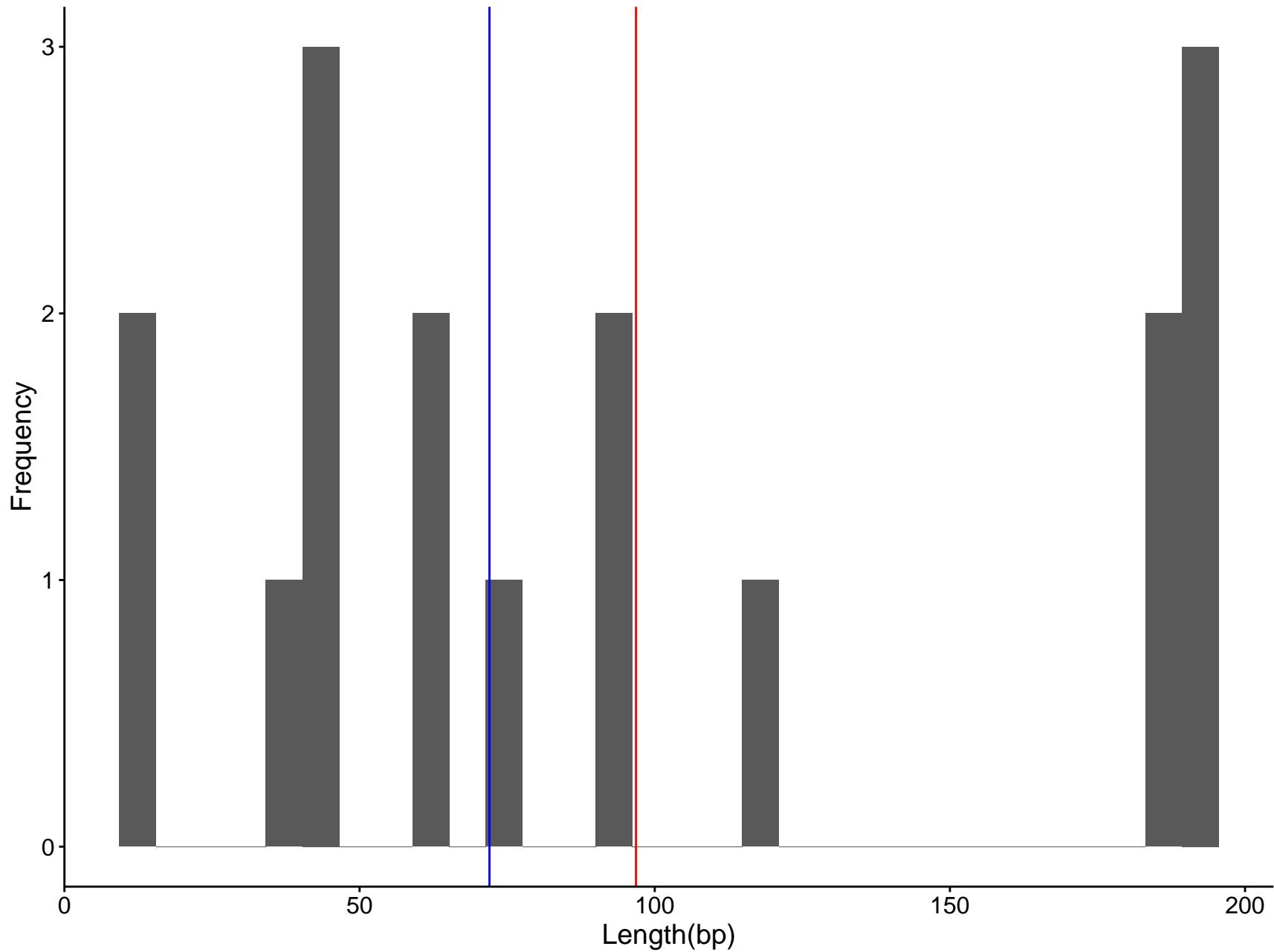
Cluster1112



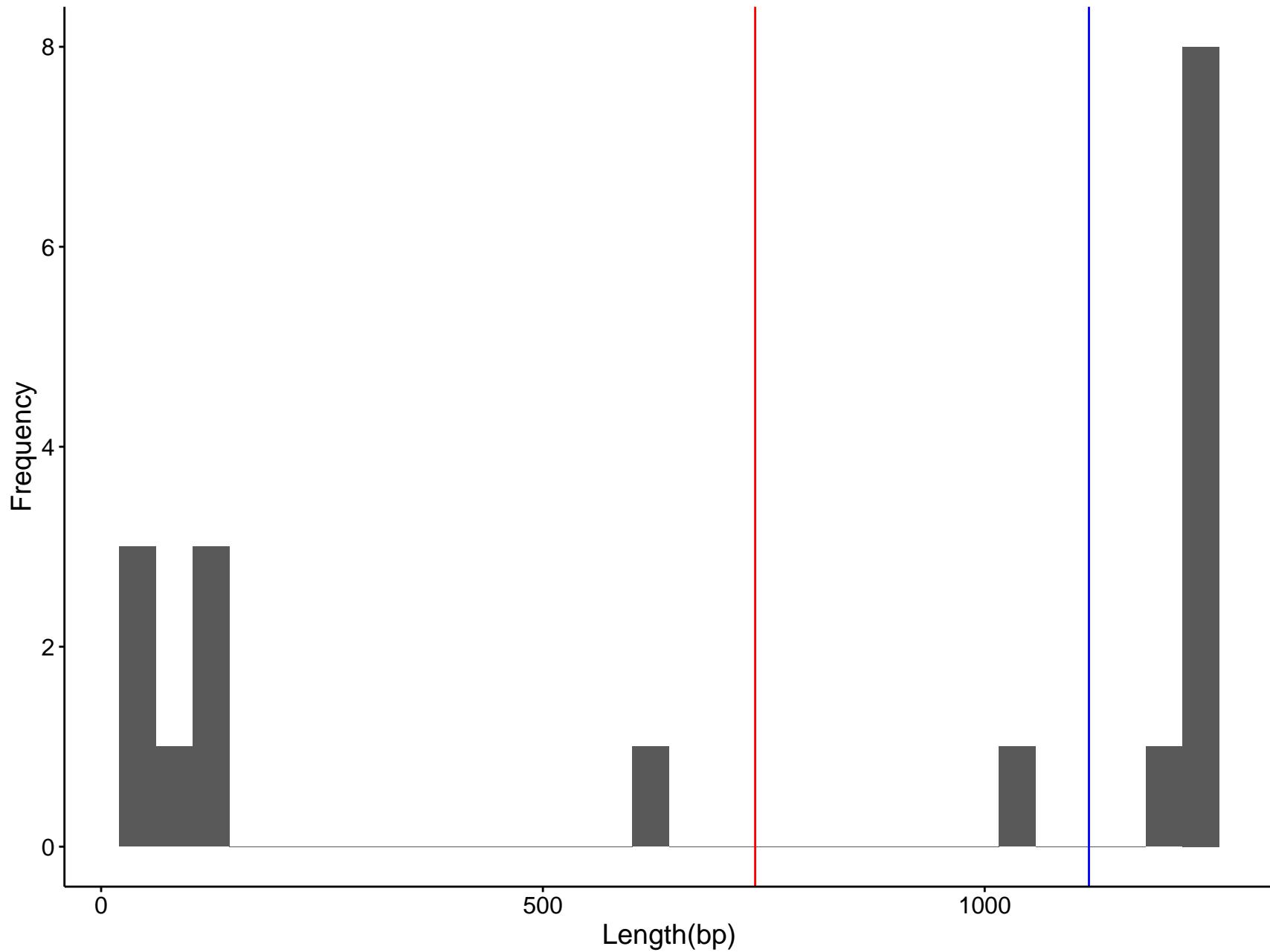
Cluster1113



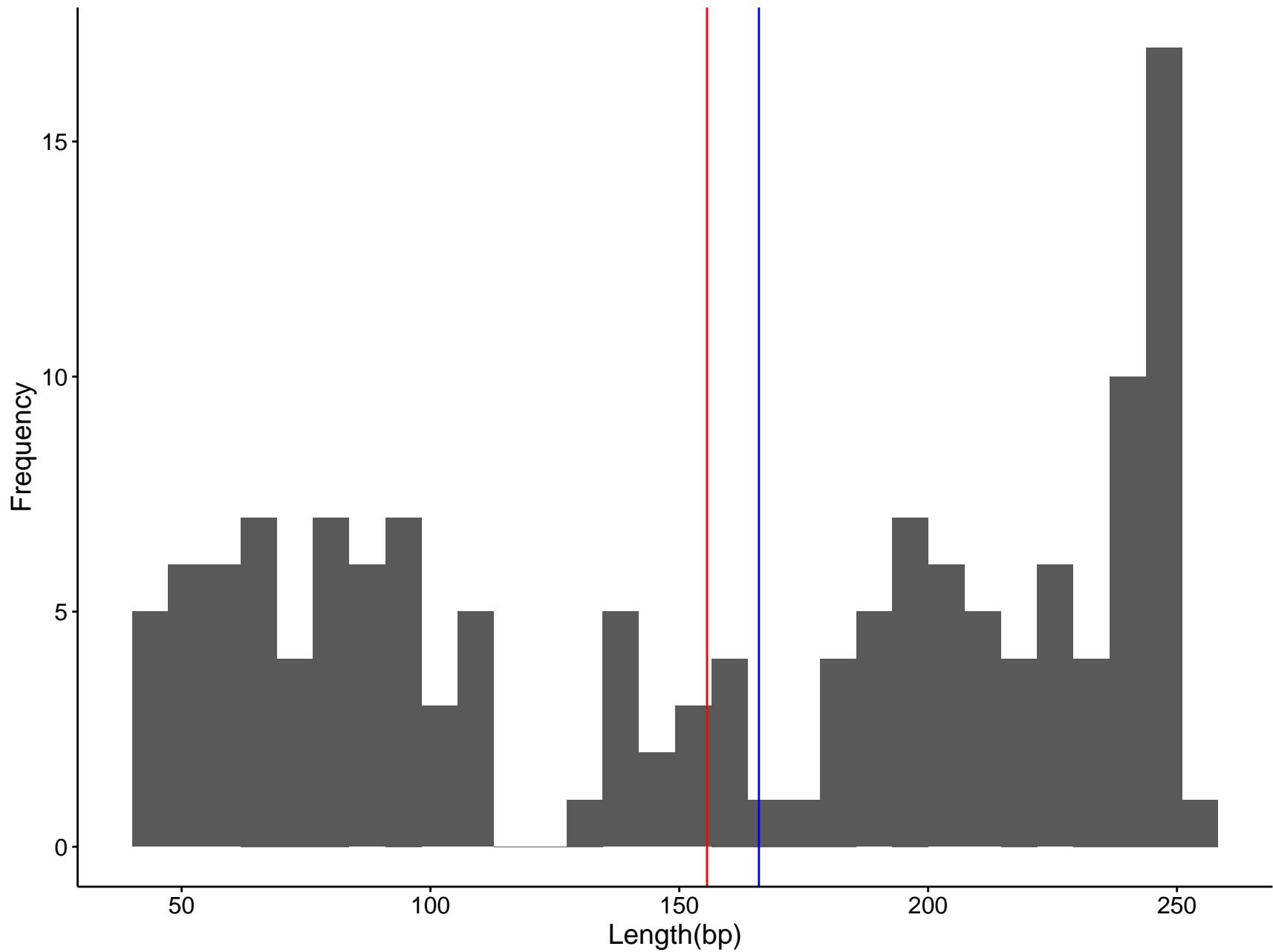
Cluster1114



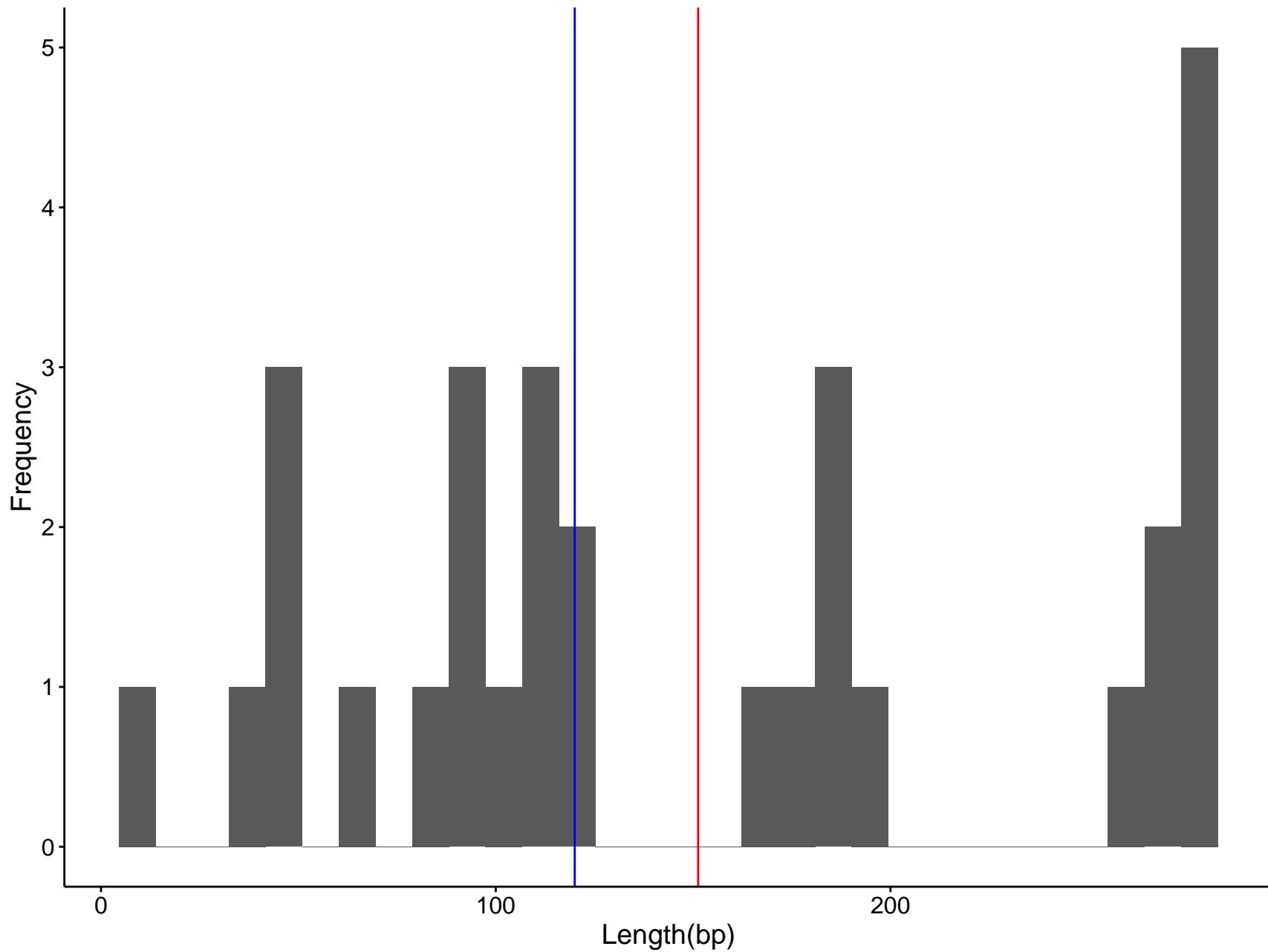
Cluster1115



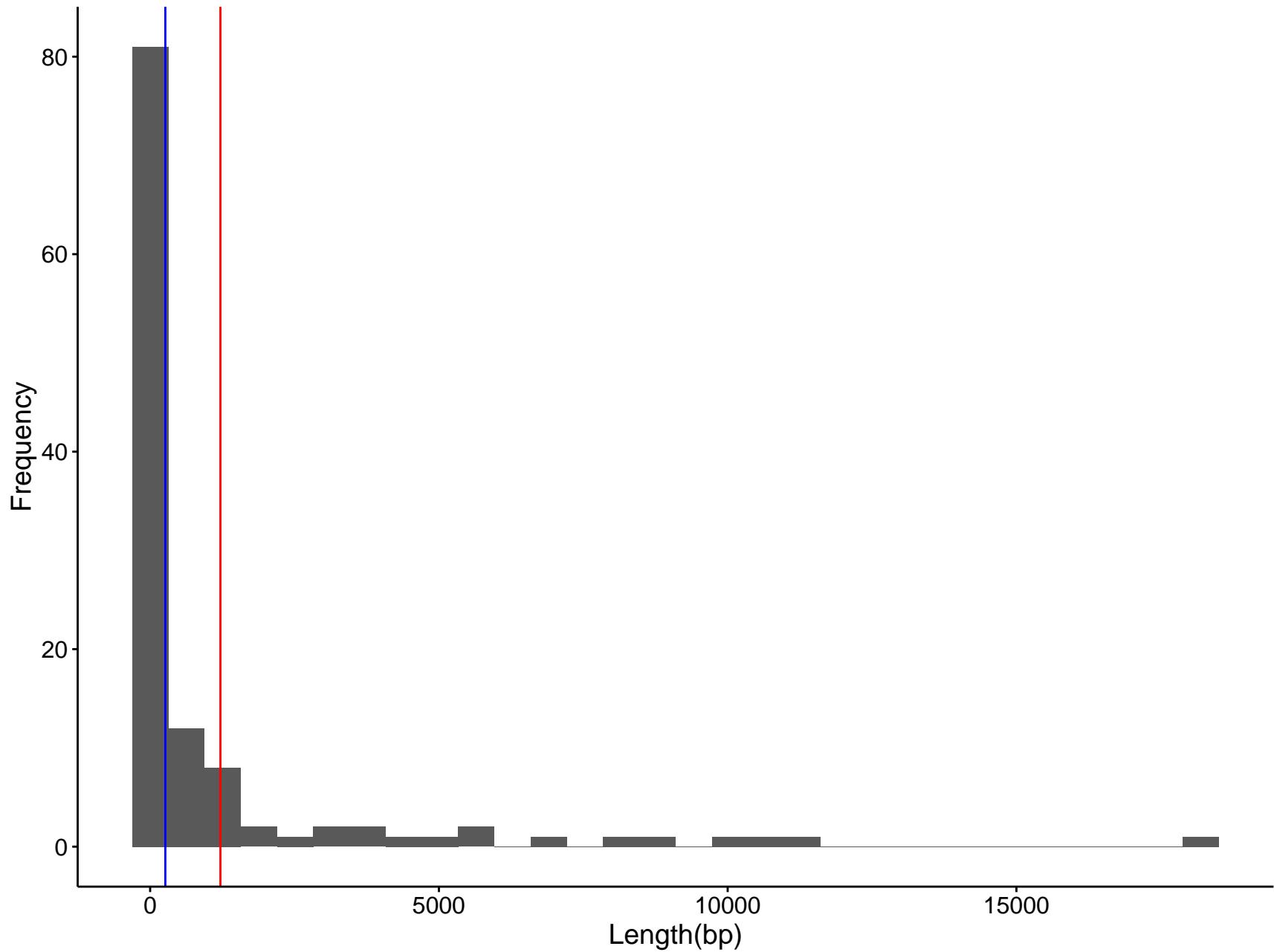
Cluster1116



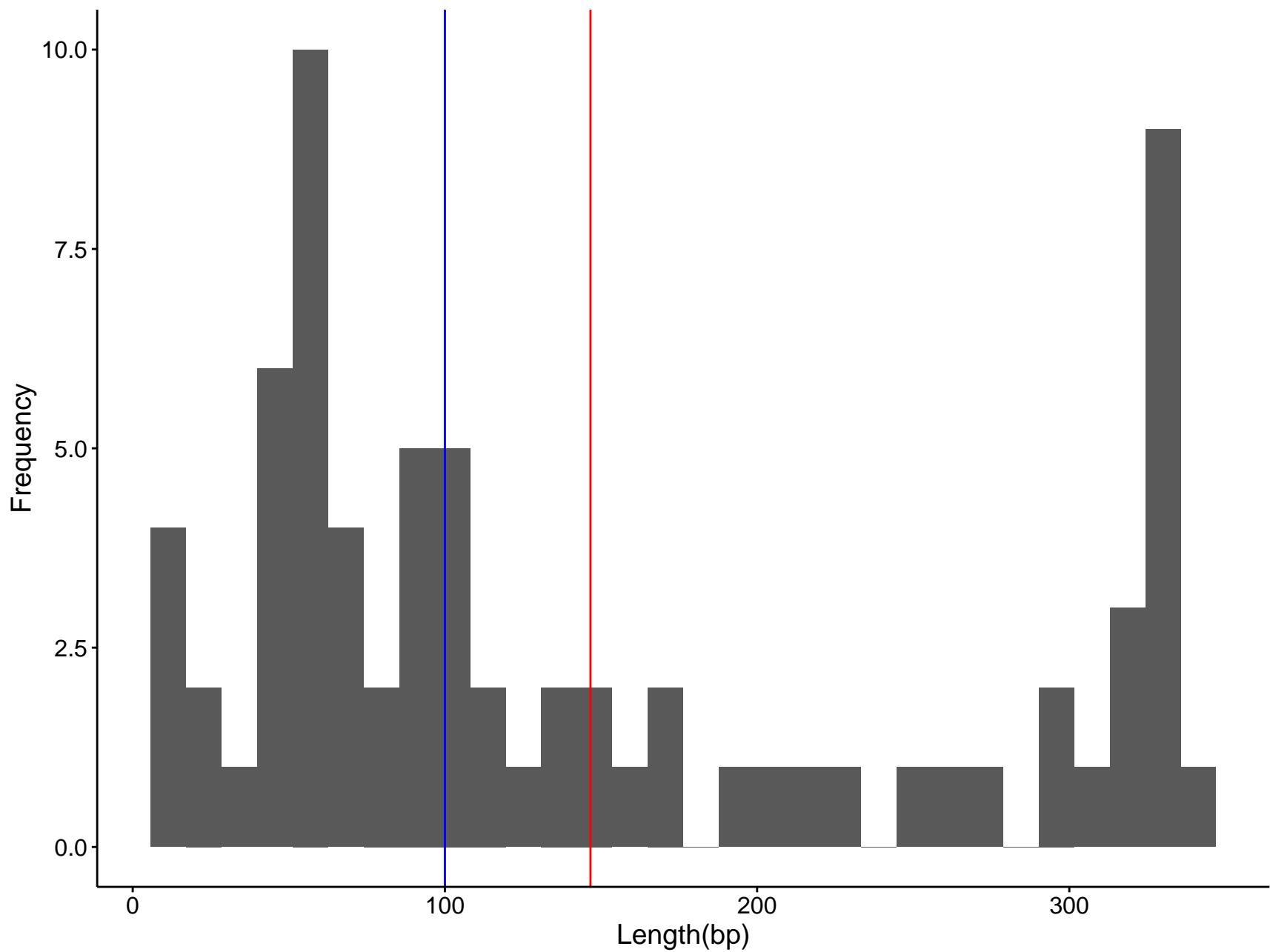
Cluster1117



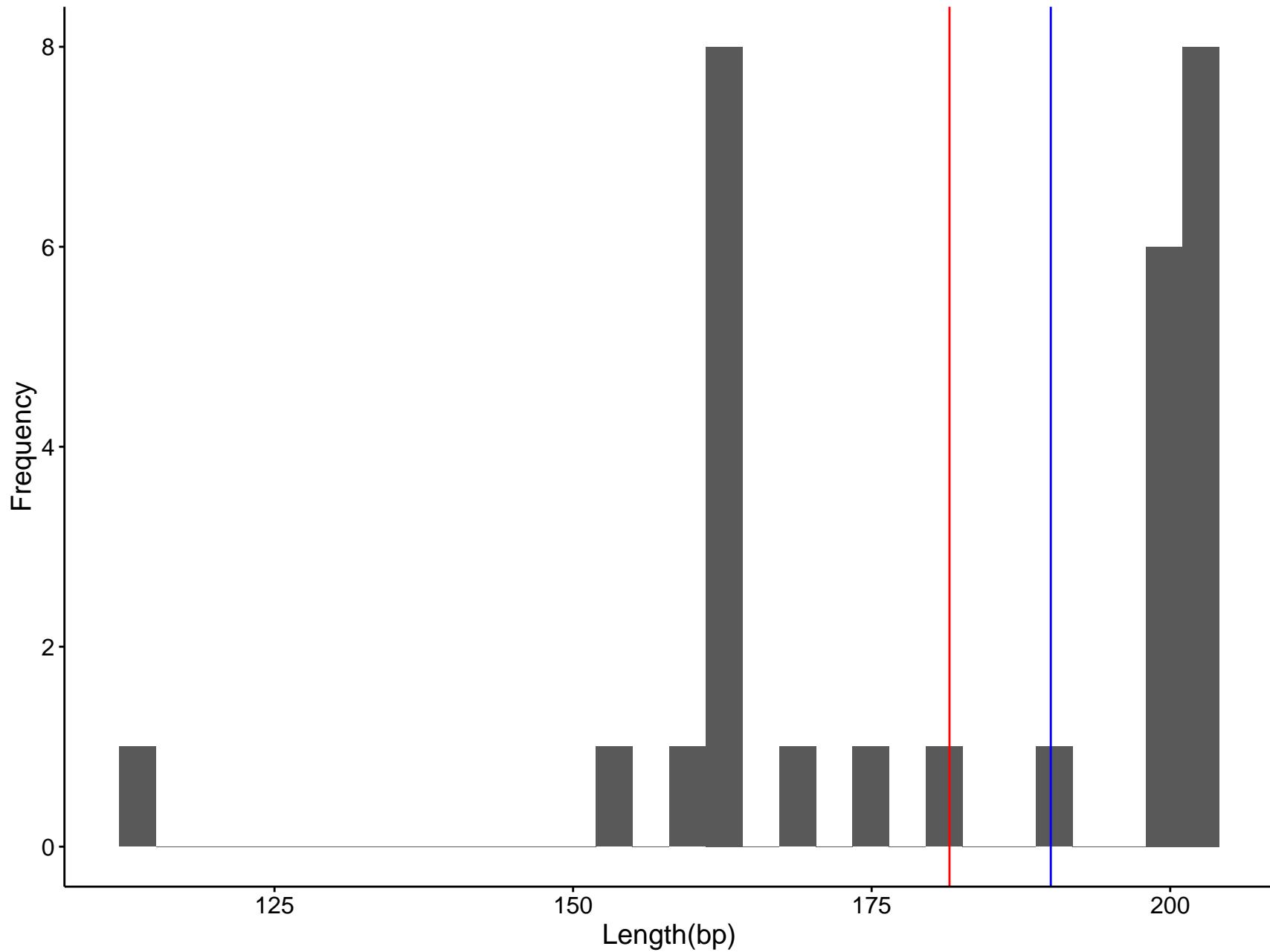
Cluster1118



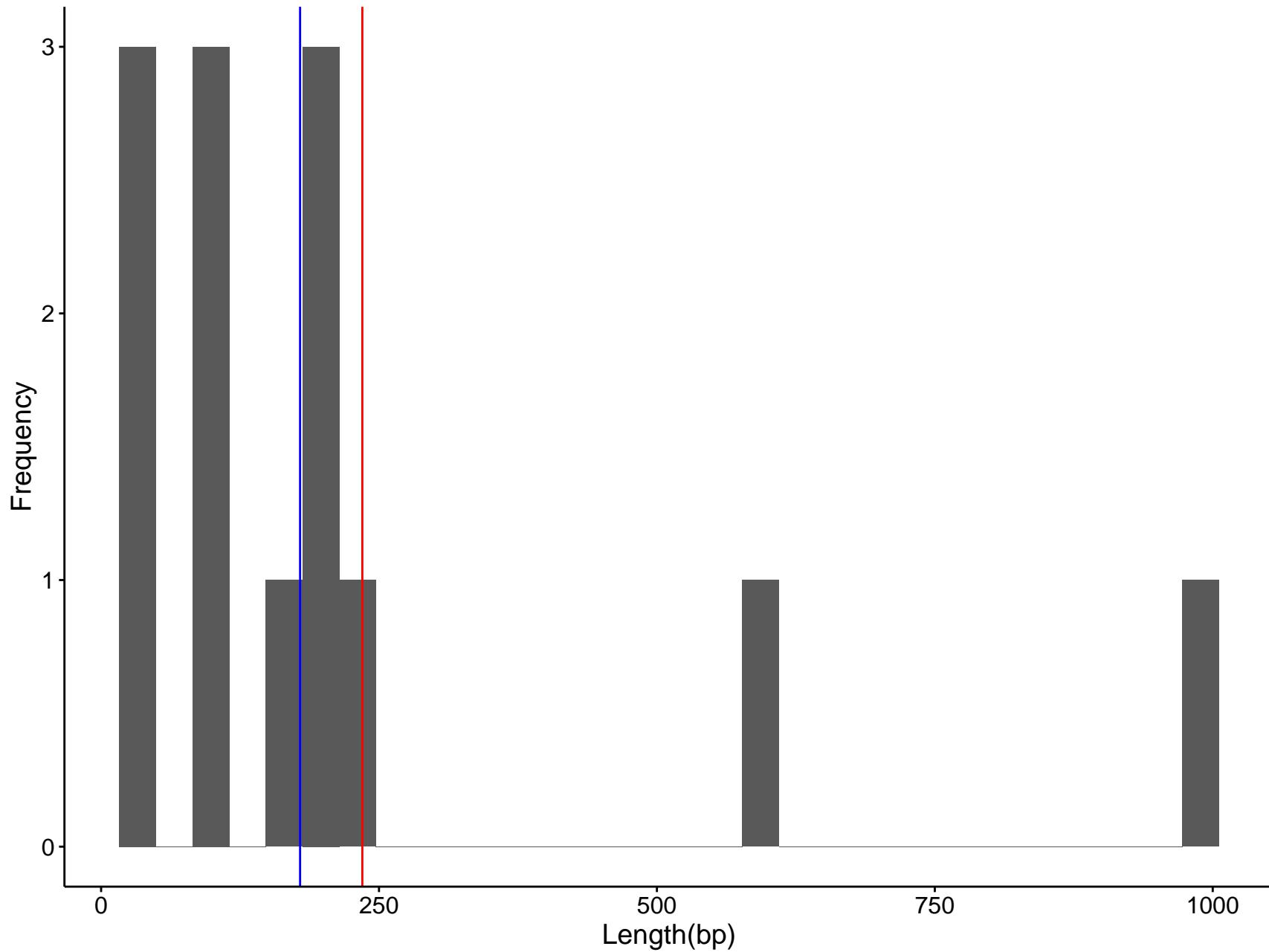
Cluster1119



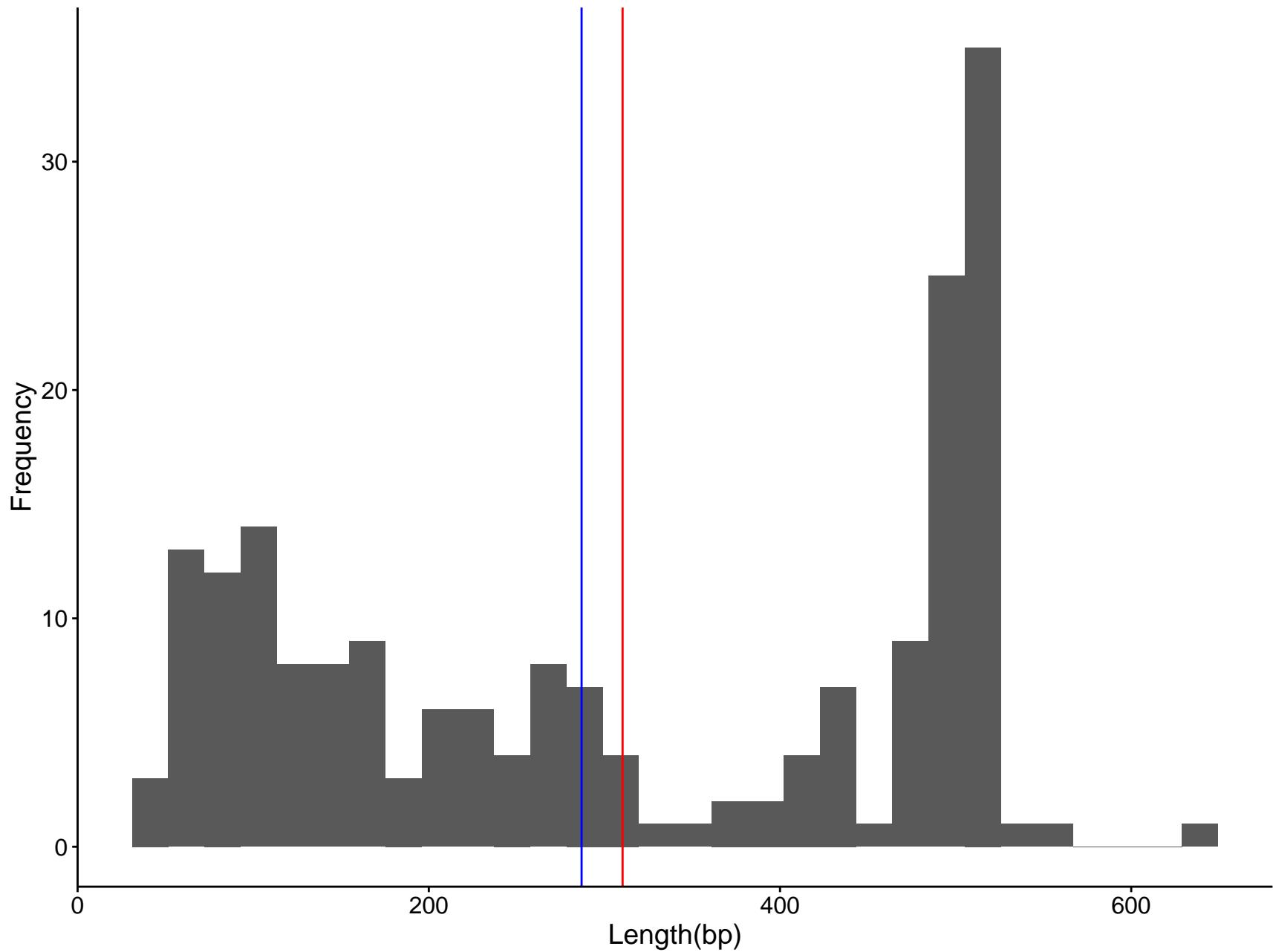
Cluster1120



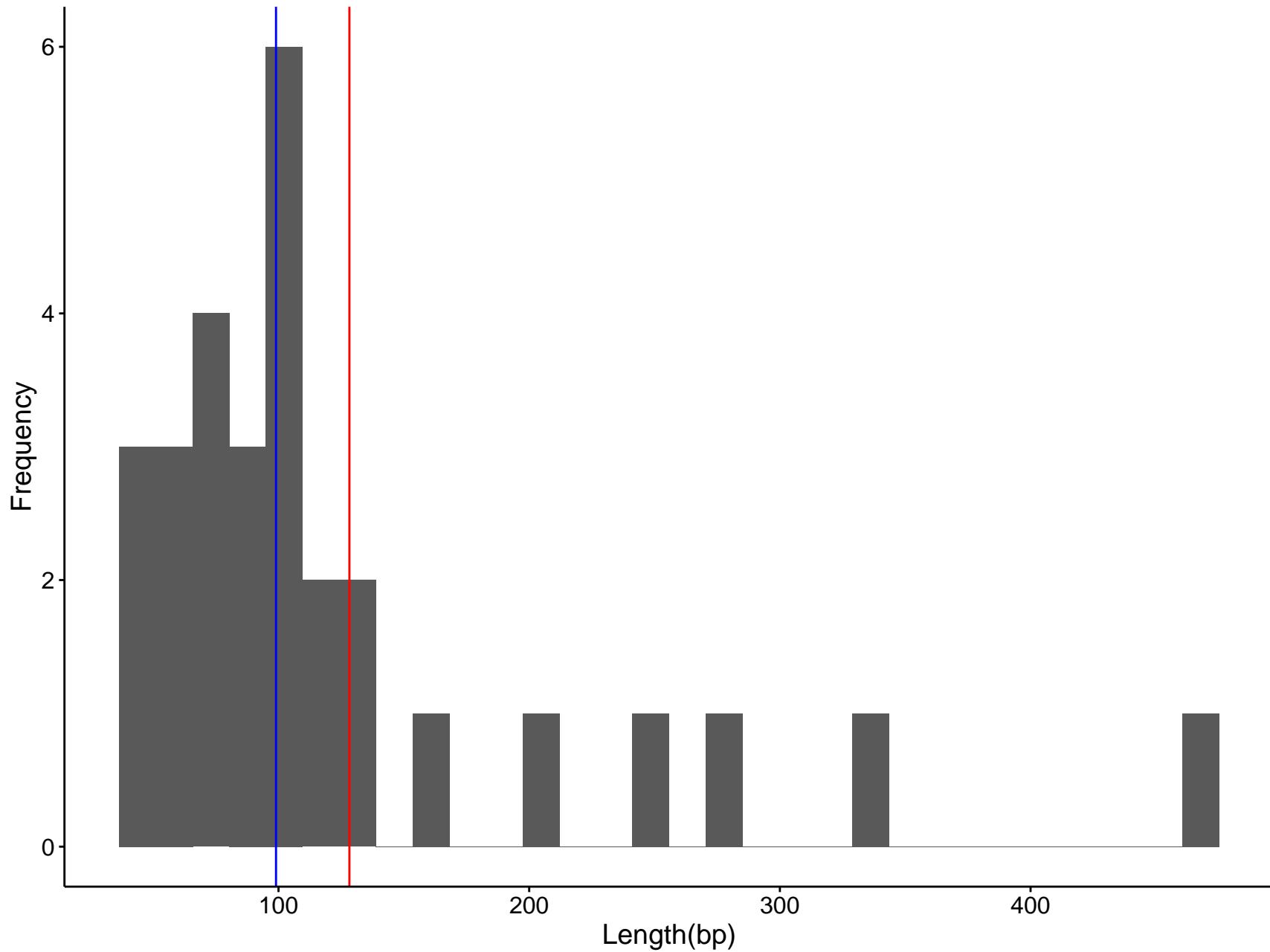
Cluster1121



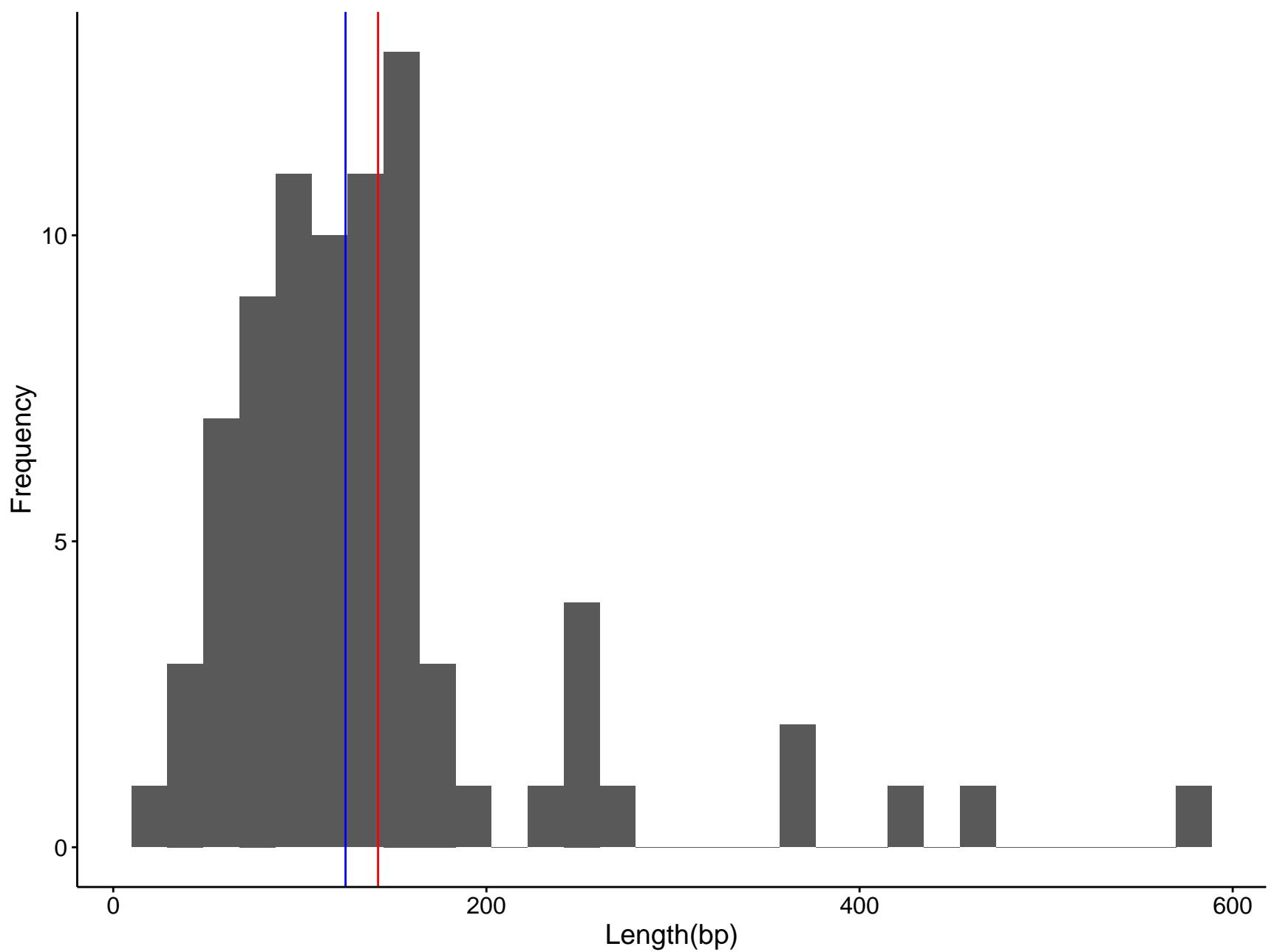
Cluster1122



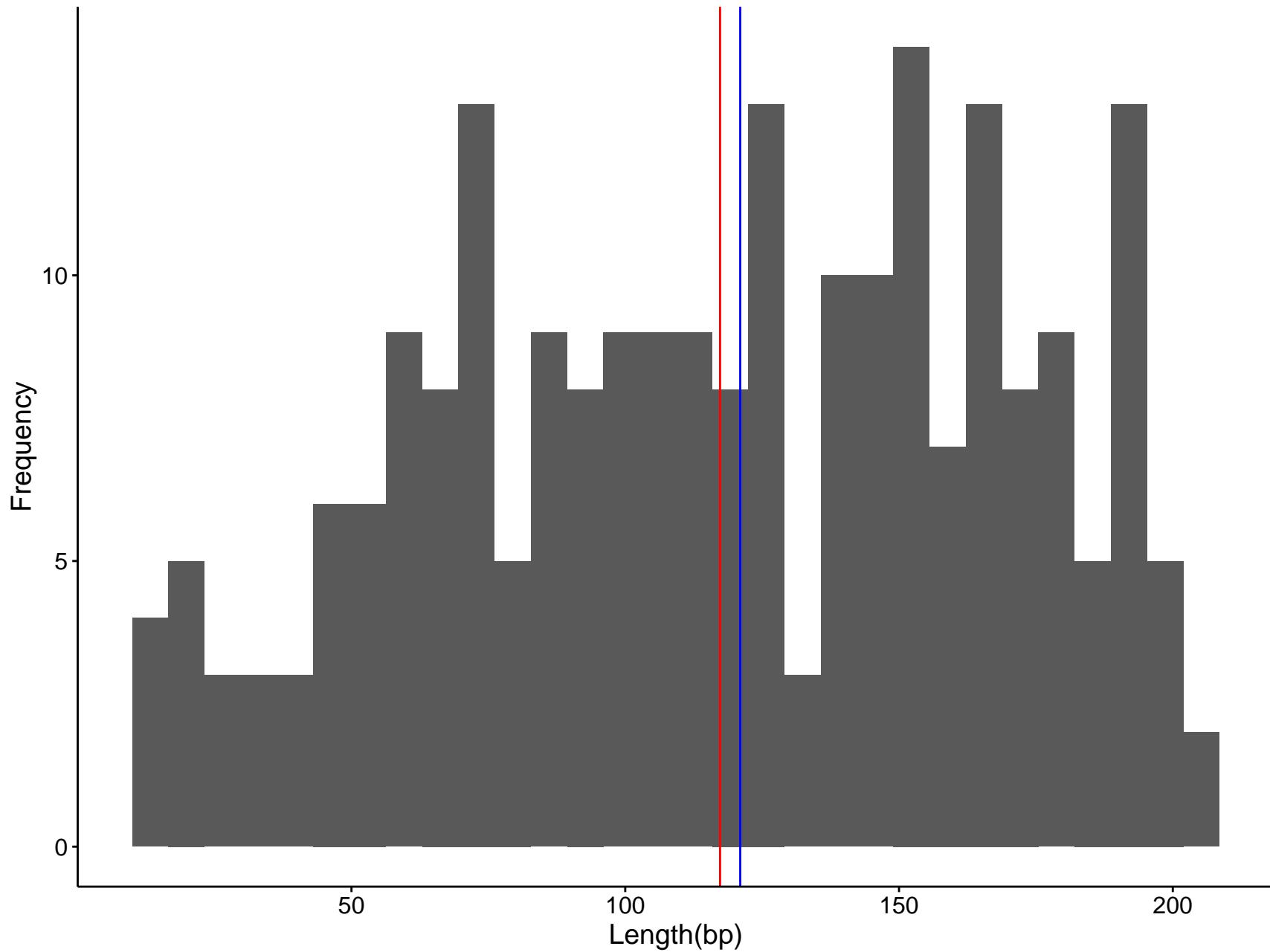
Cluster1123



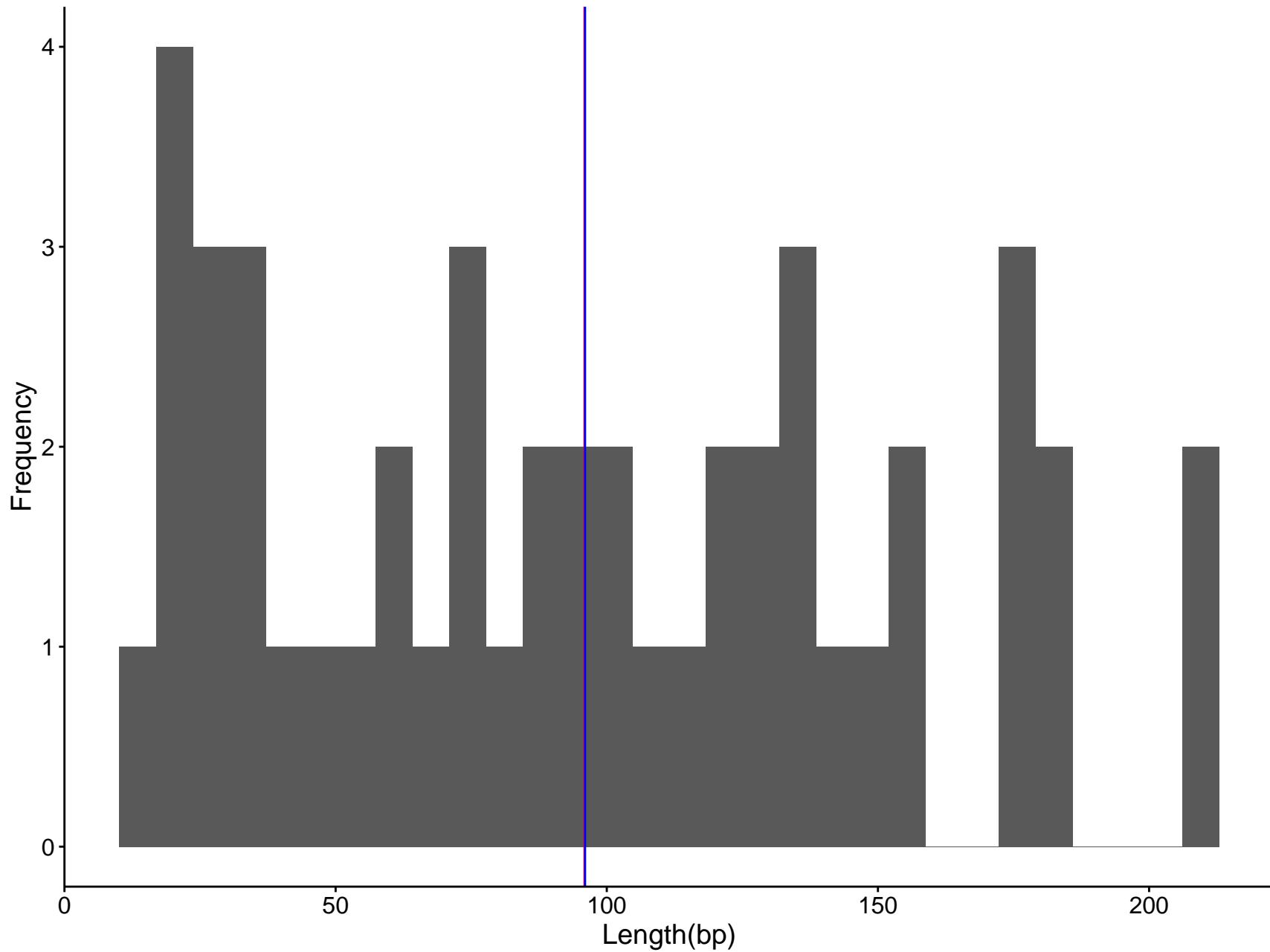
Cluster1124



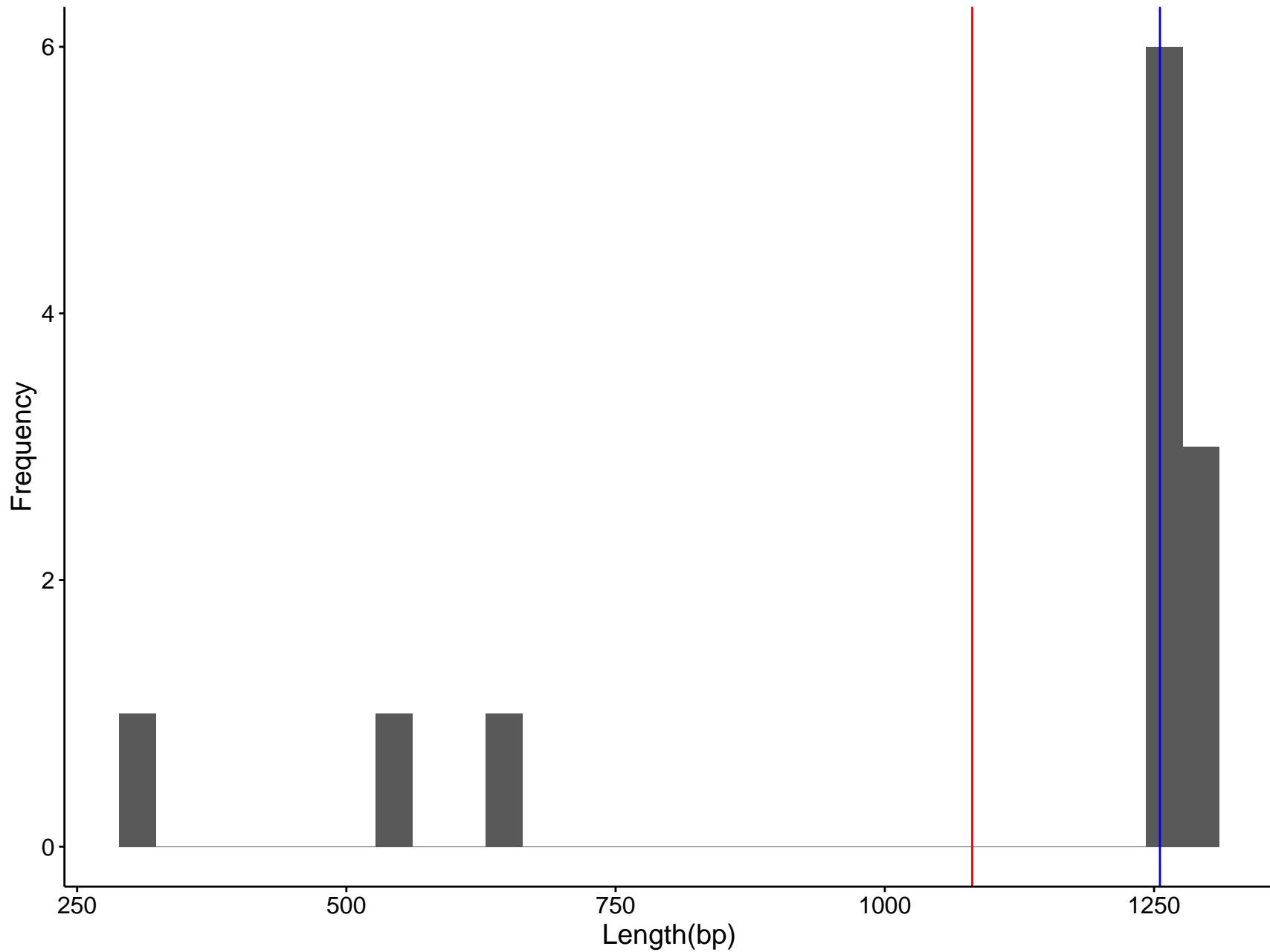
Cluster1125



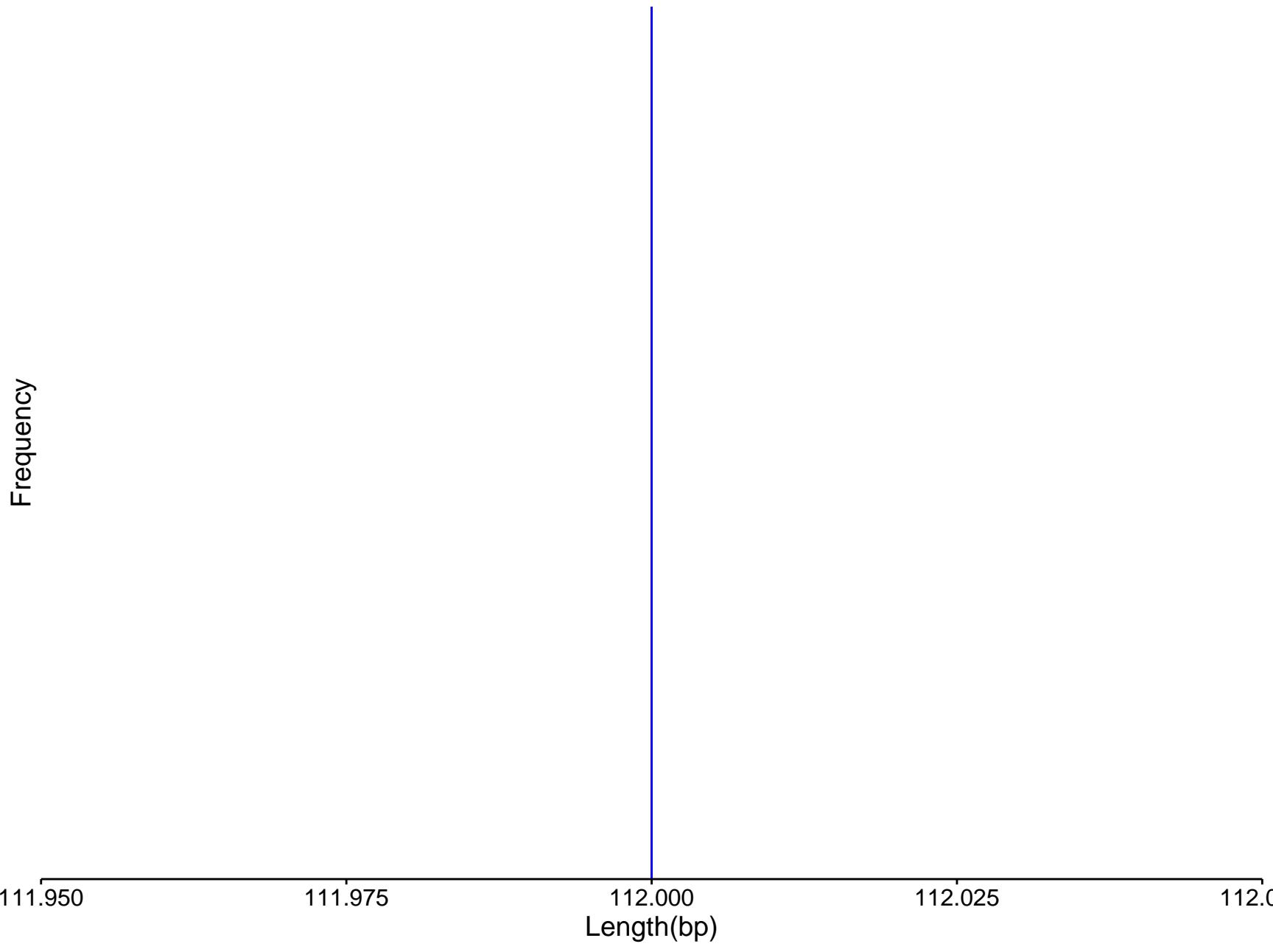
Cluster1126



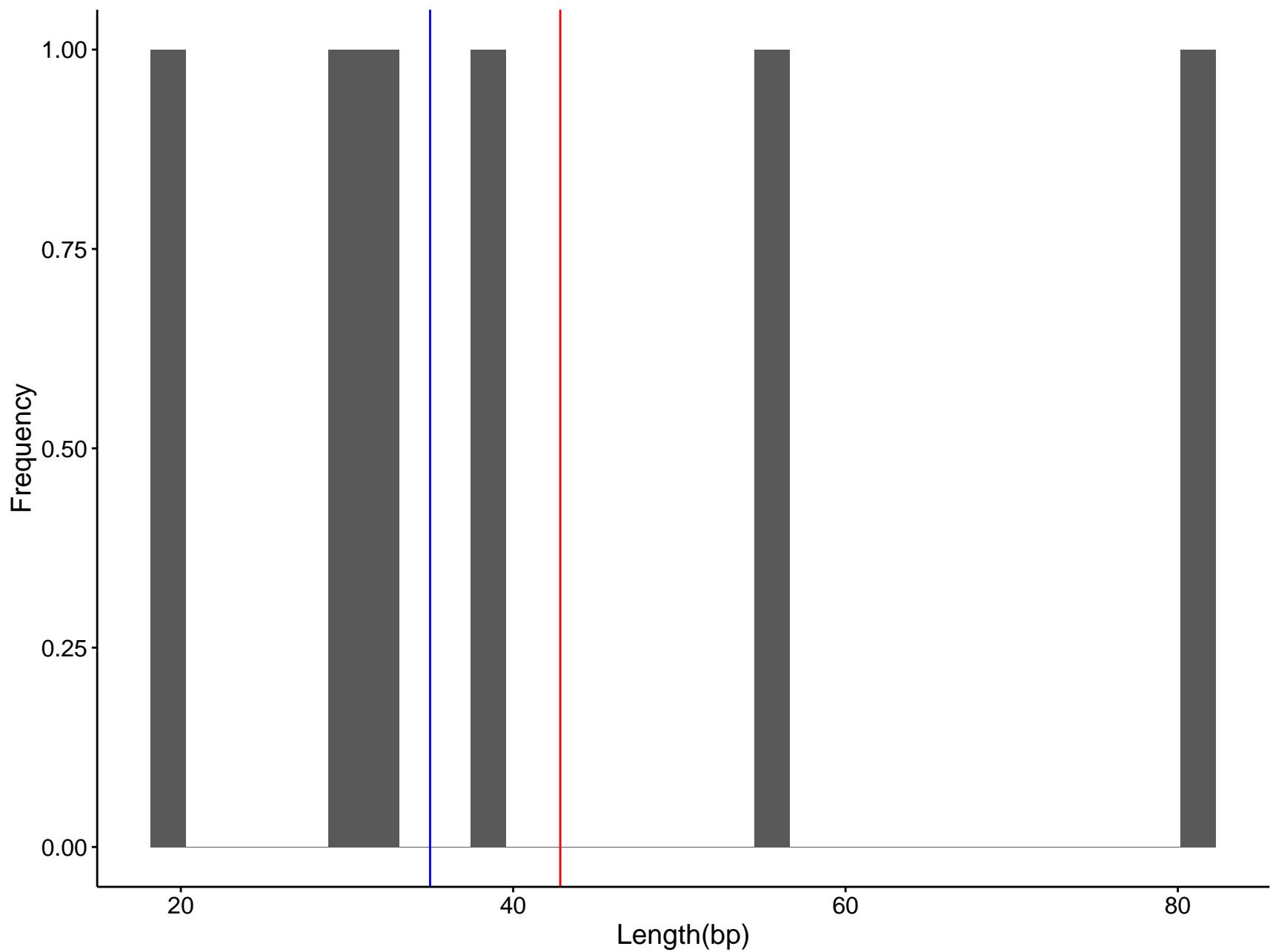
Cluster1127



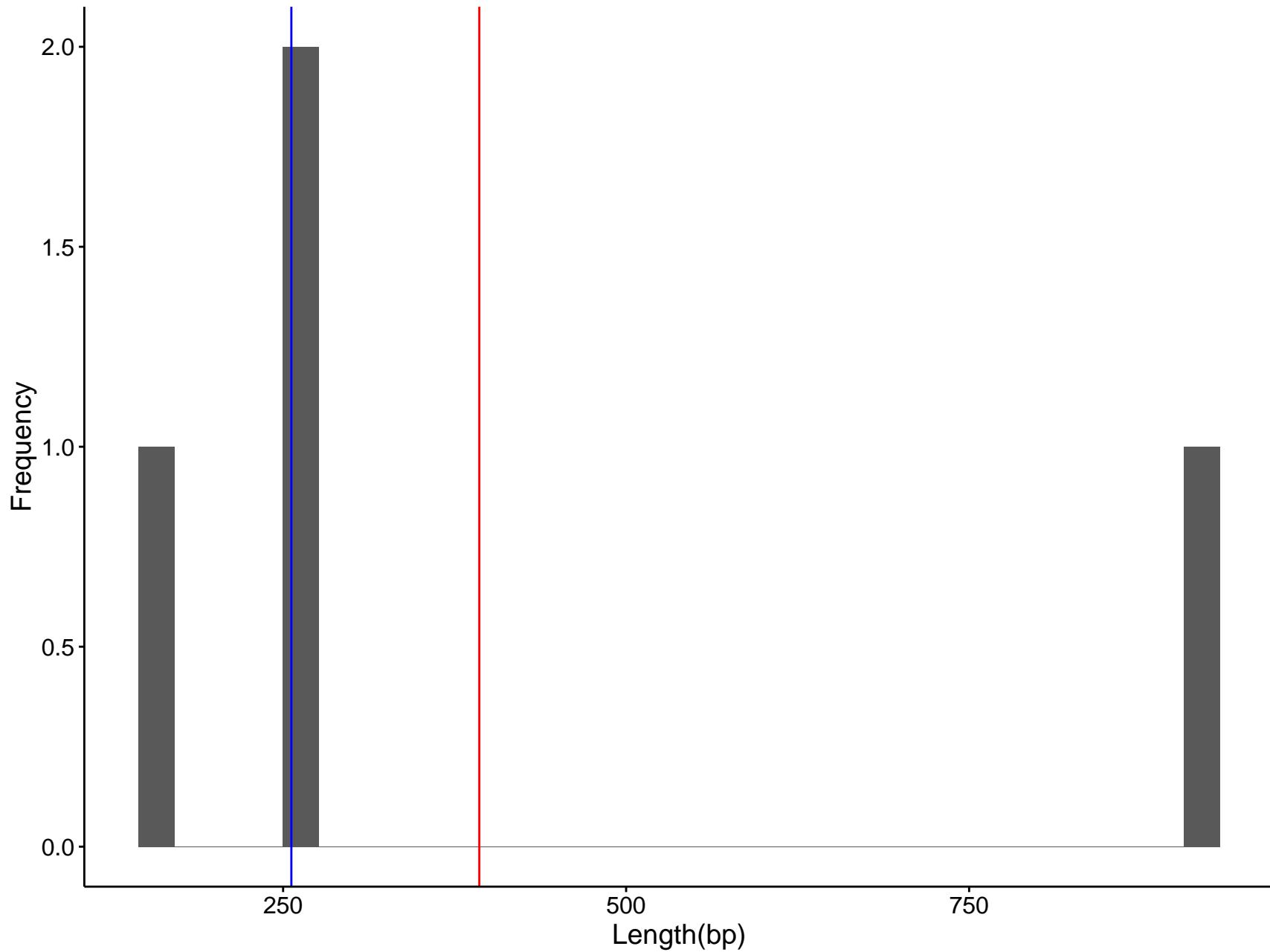
Cluster1128



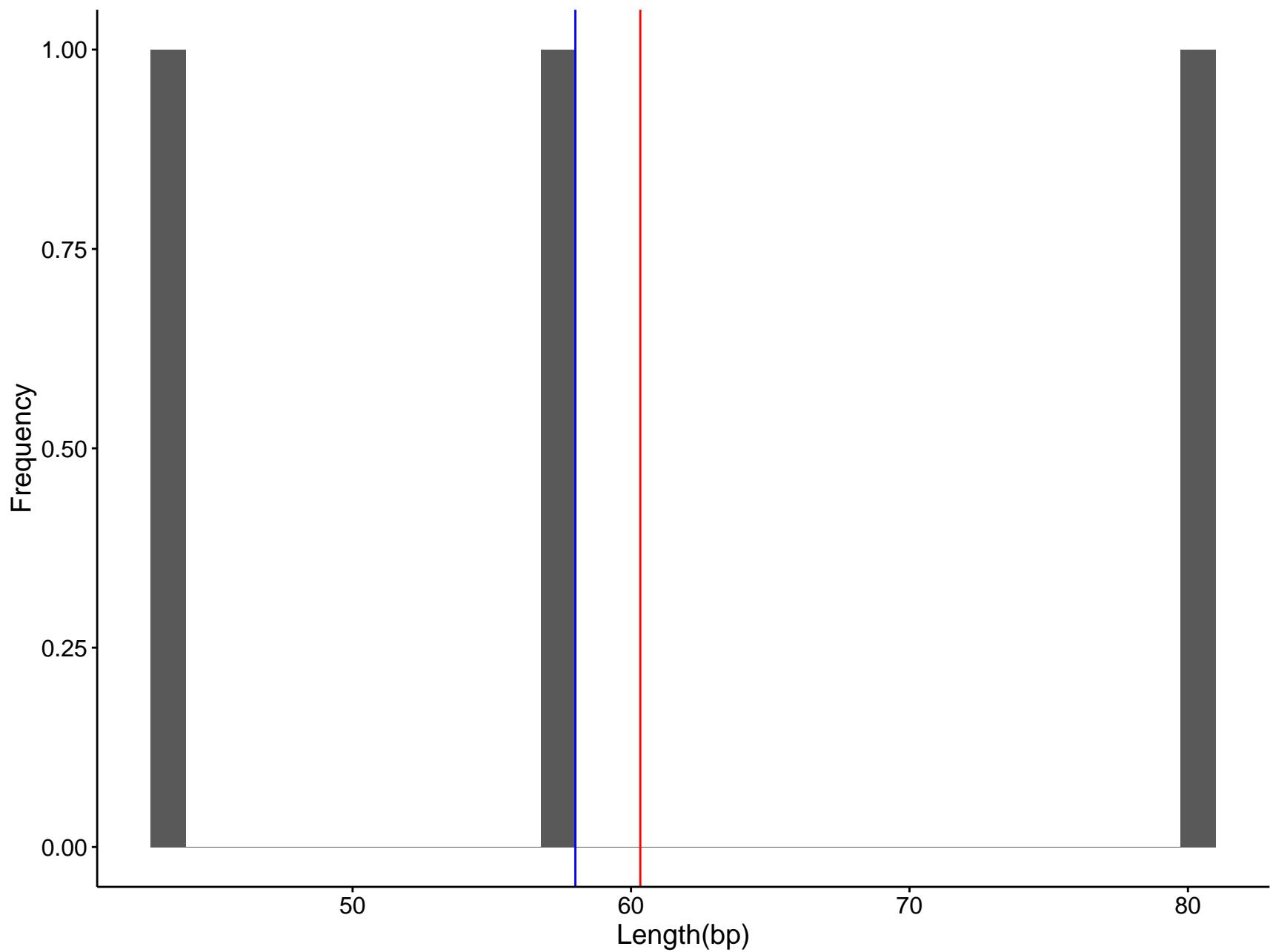
Cluster1129



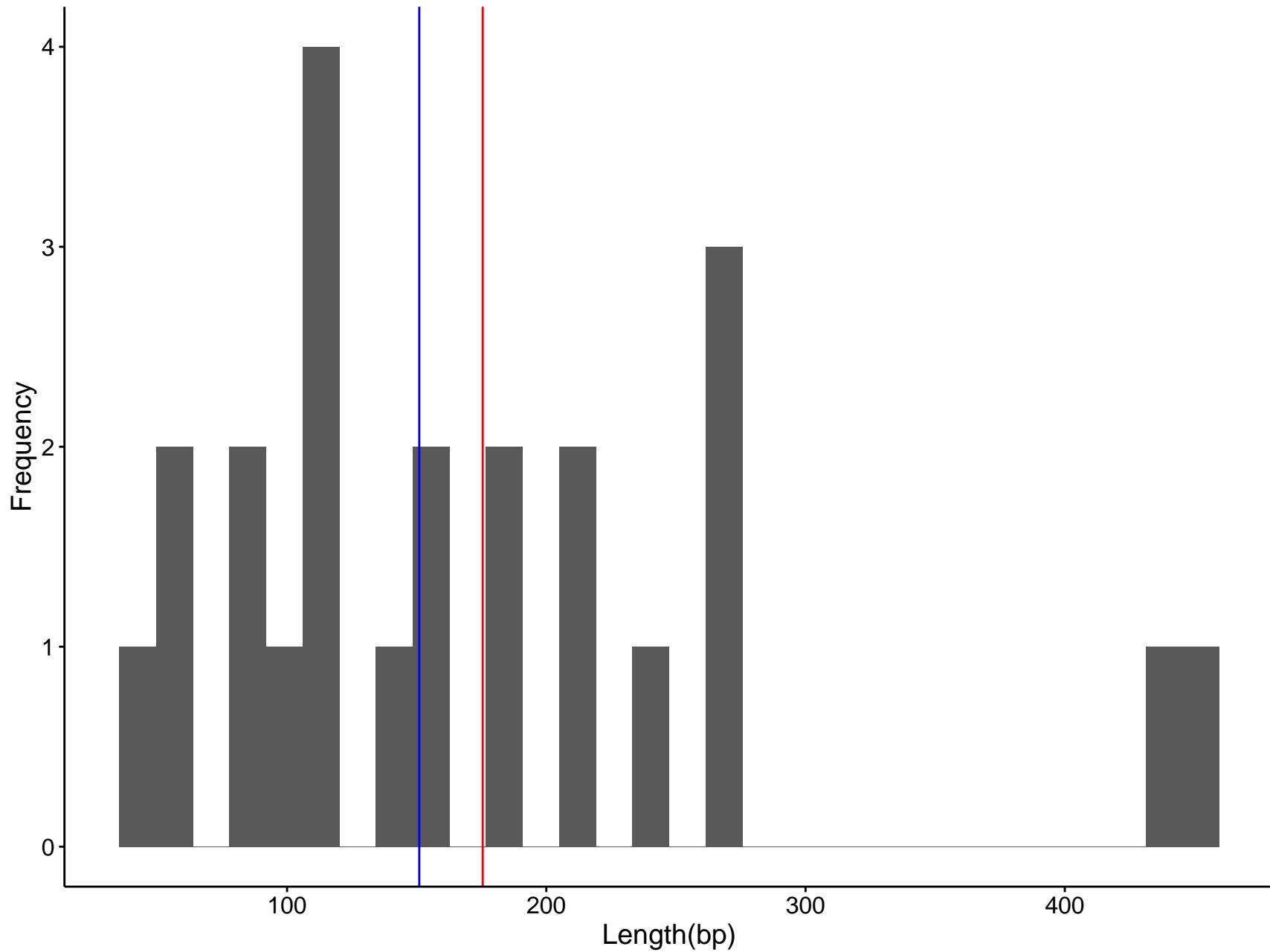
Cluster112



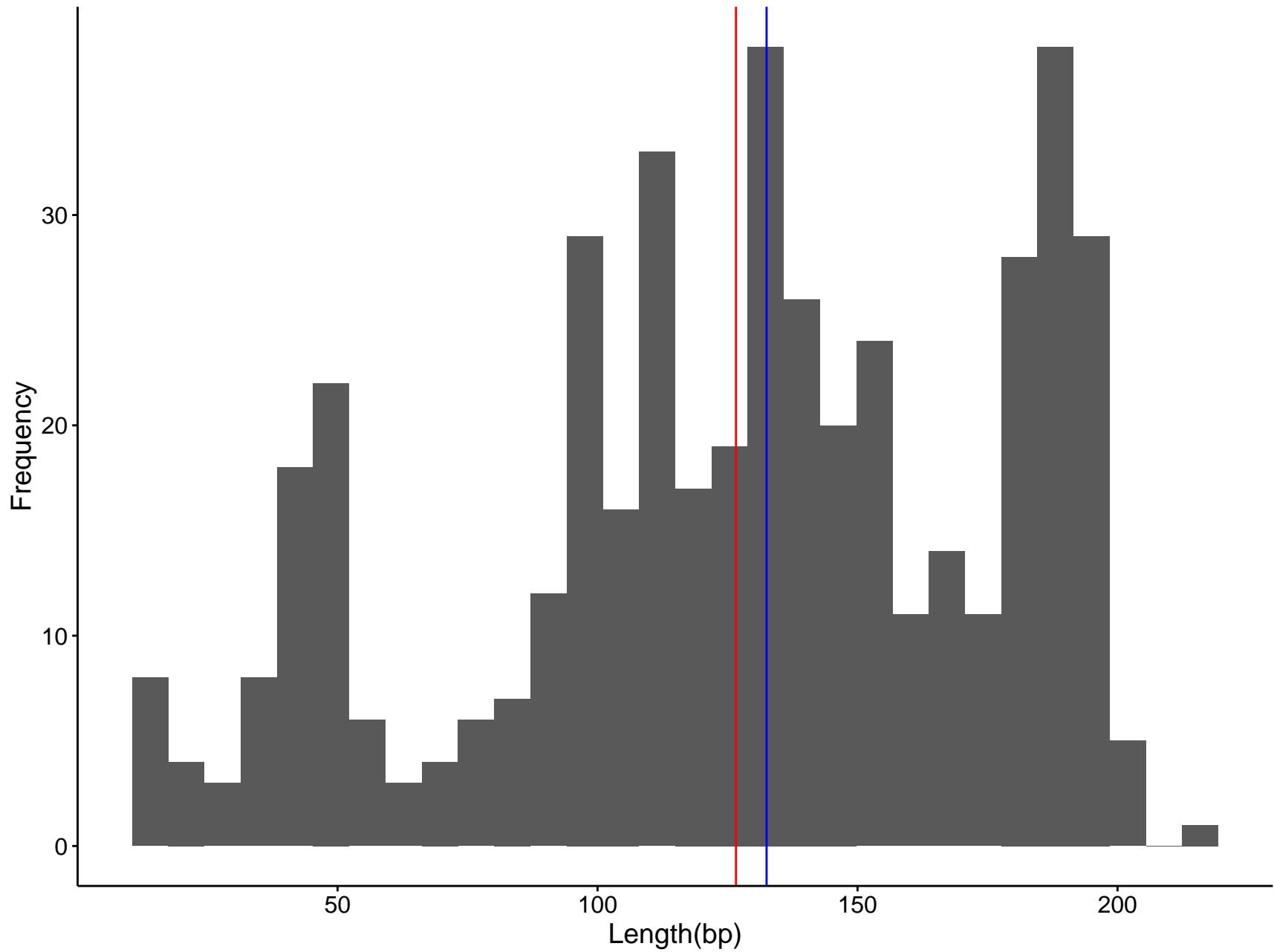
Cluster1130



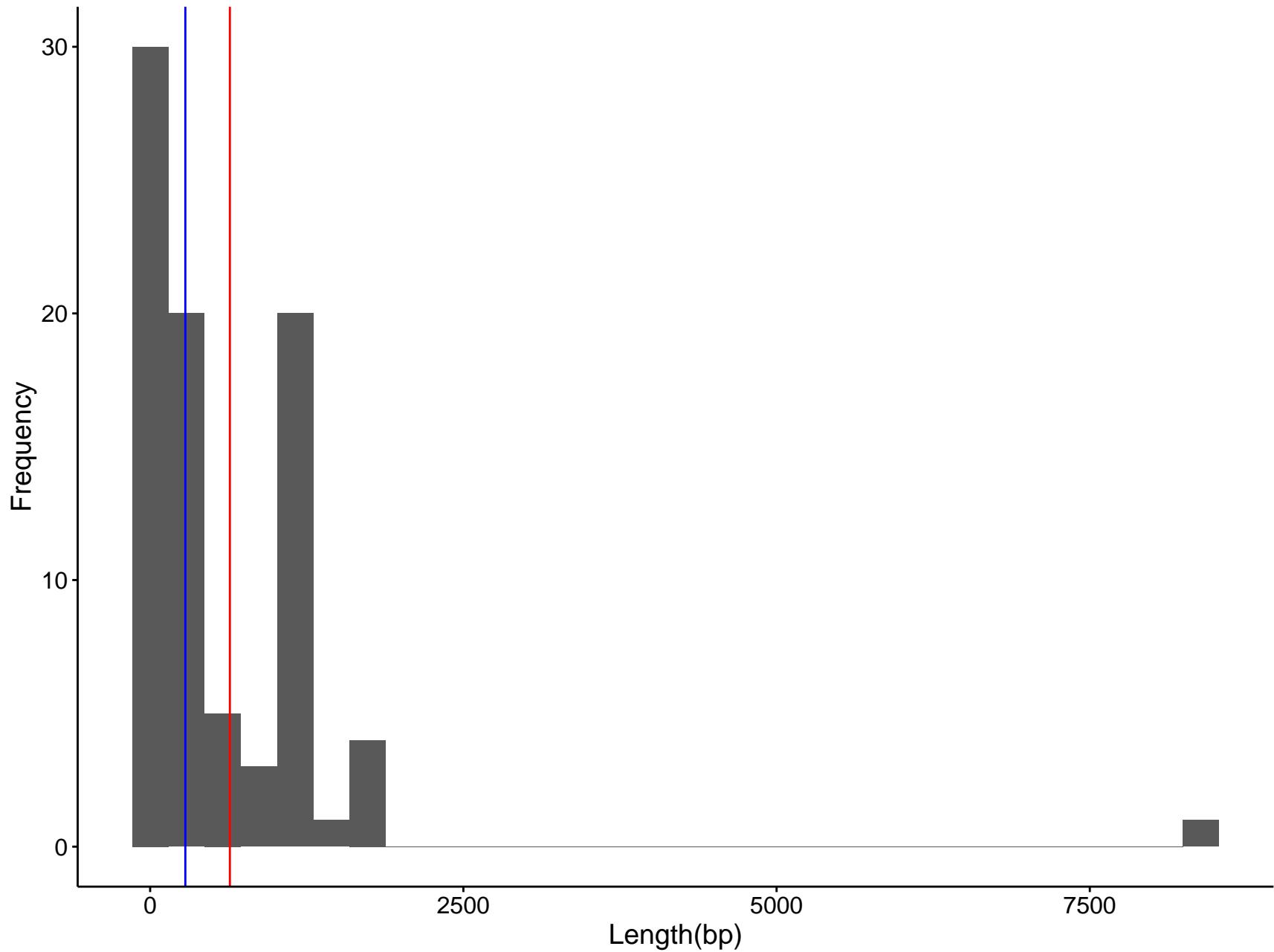
Cluster1133



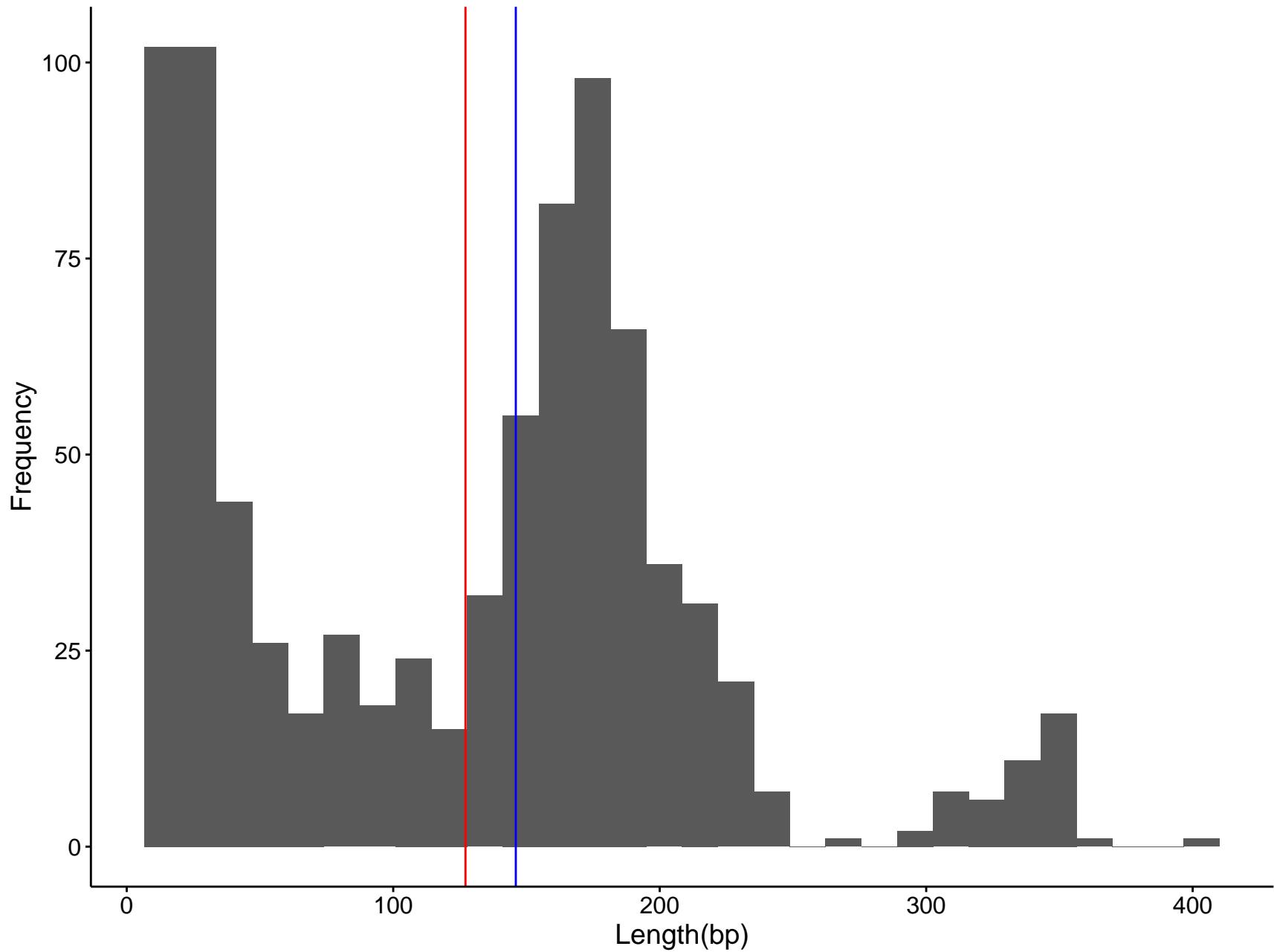
Cluster1135



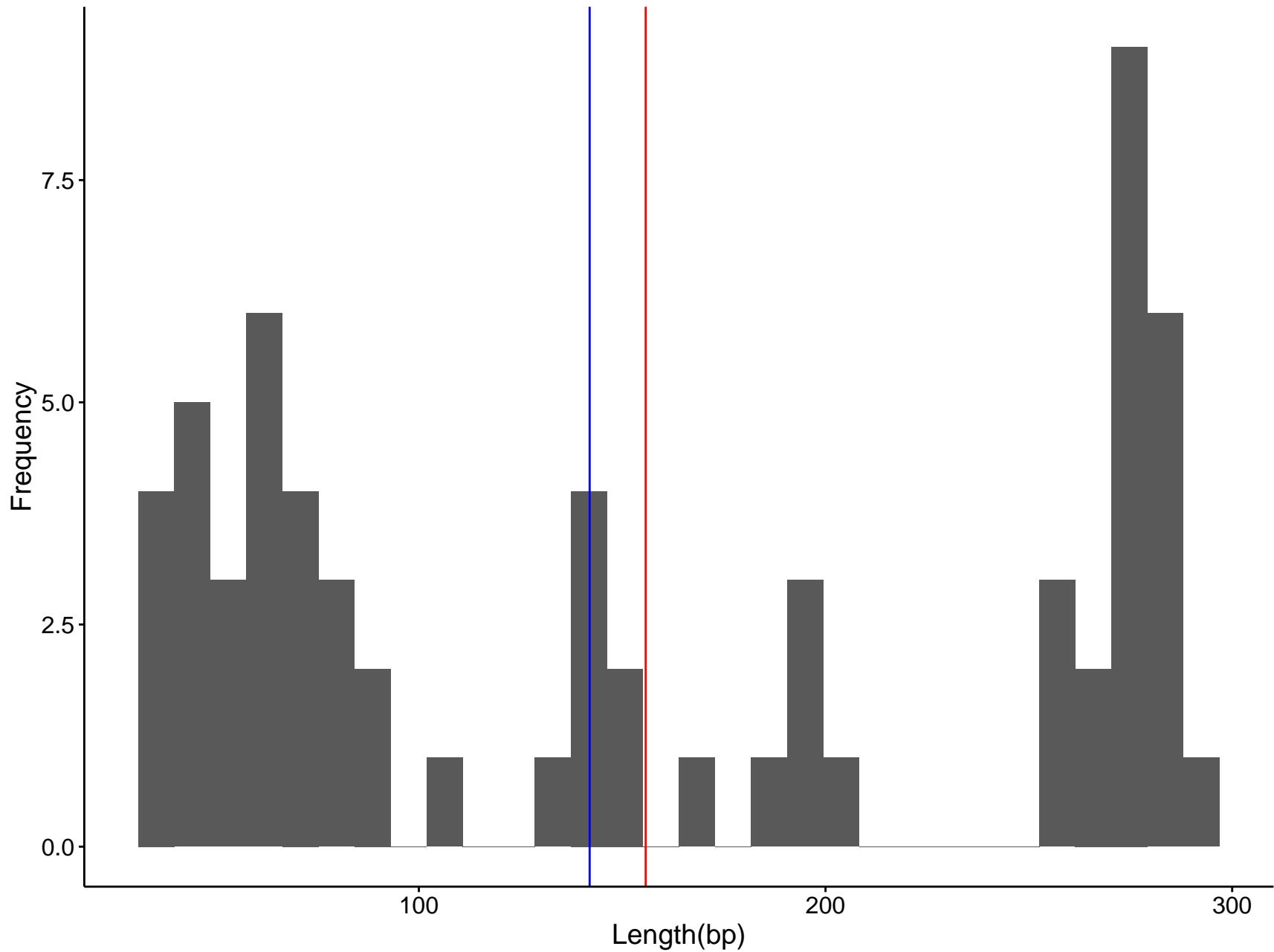
Cluster1136



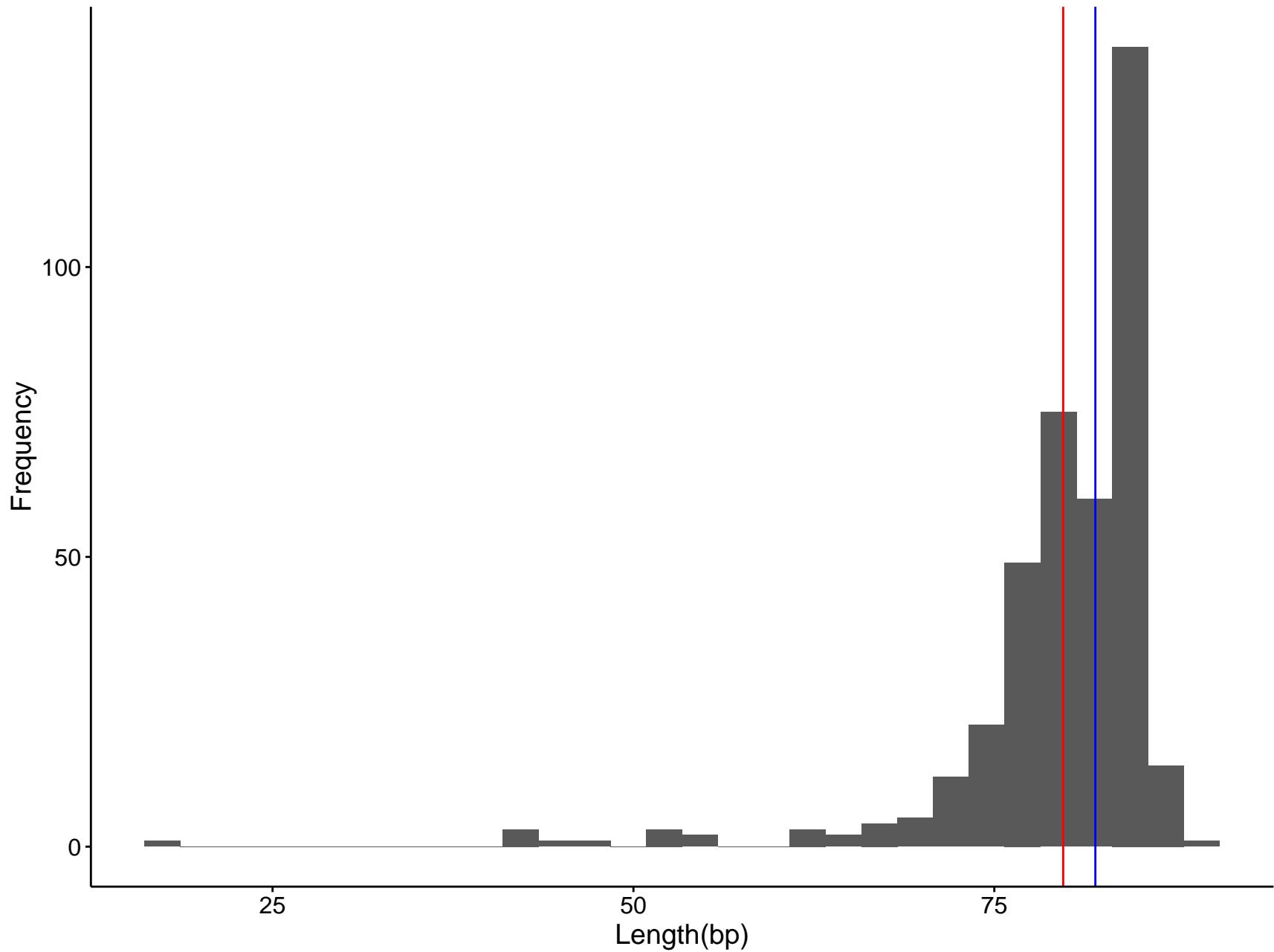
Cluster1137



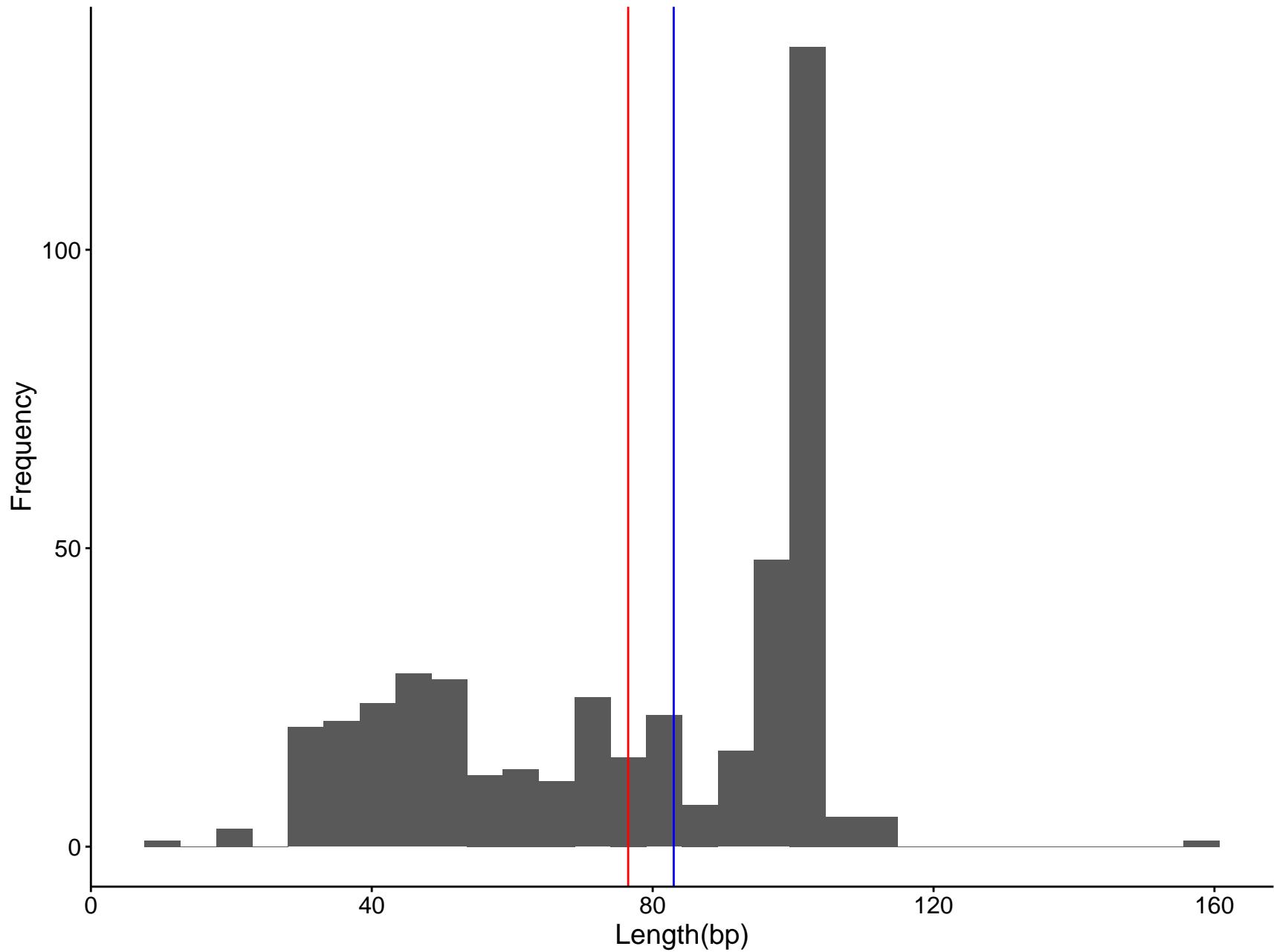
Cluster1138



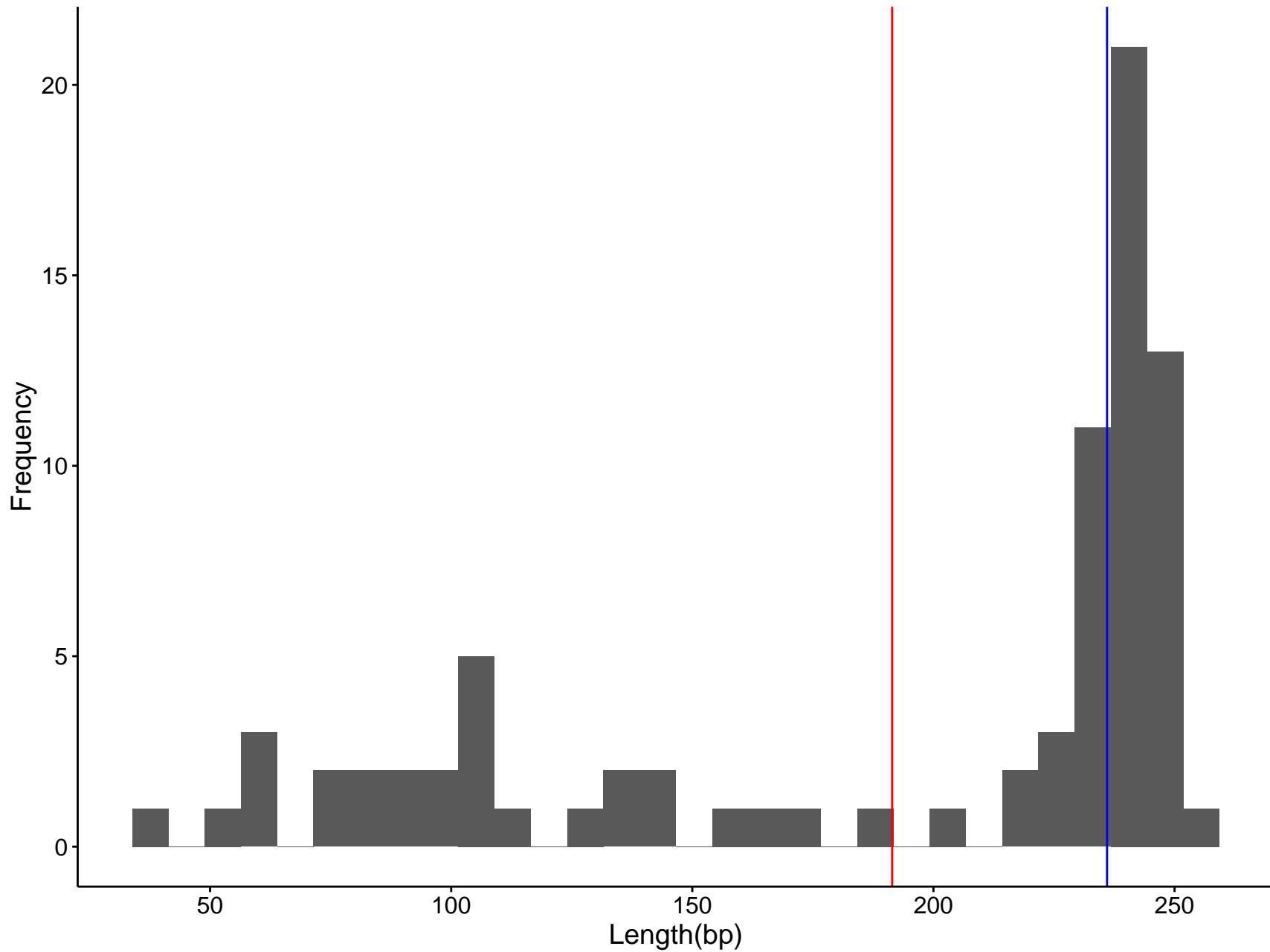
Cluster1139



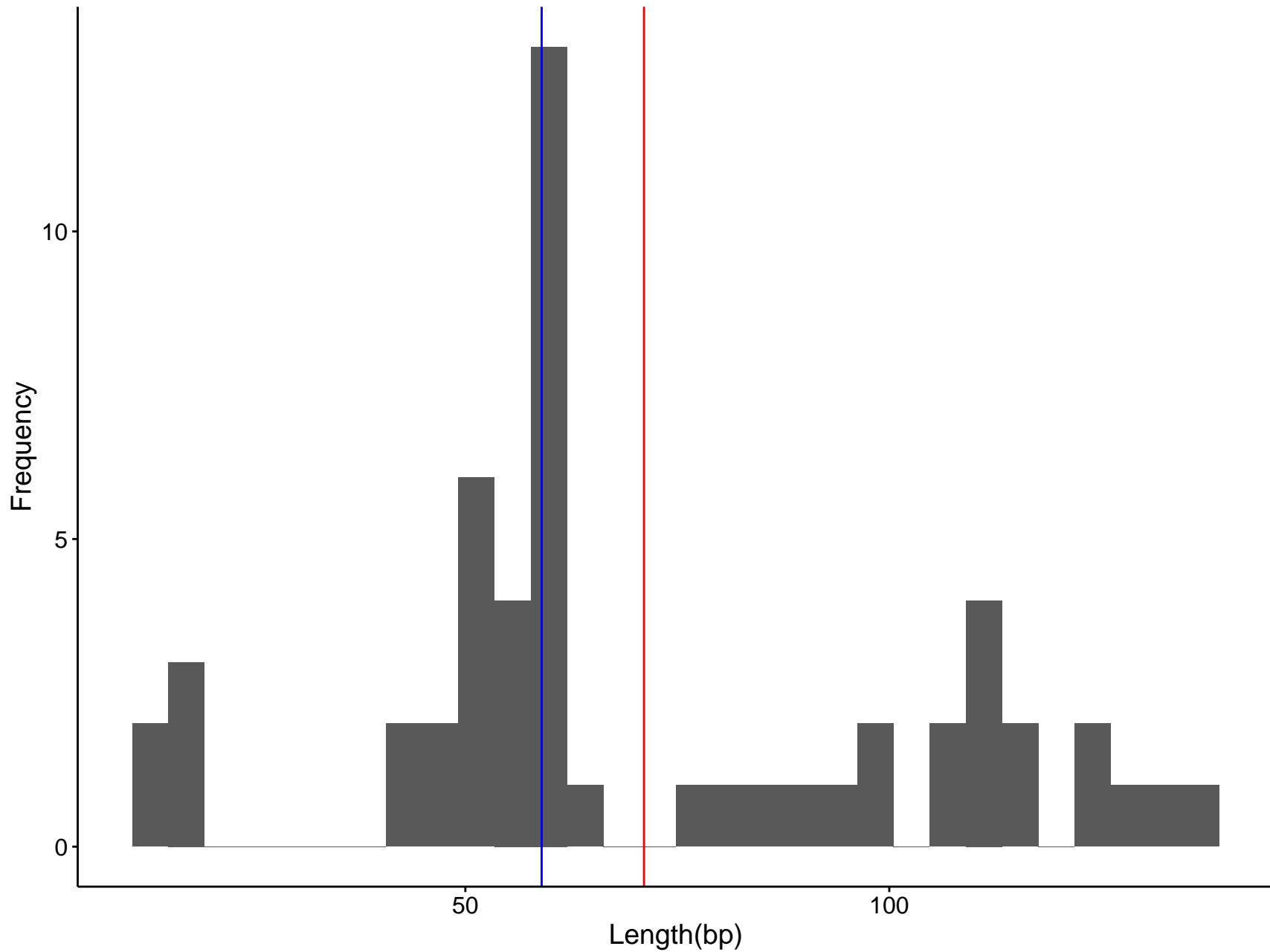
Cluster1140



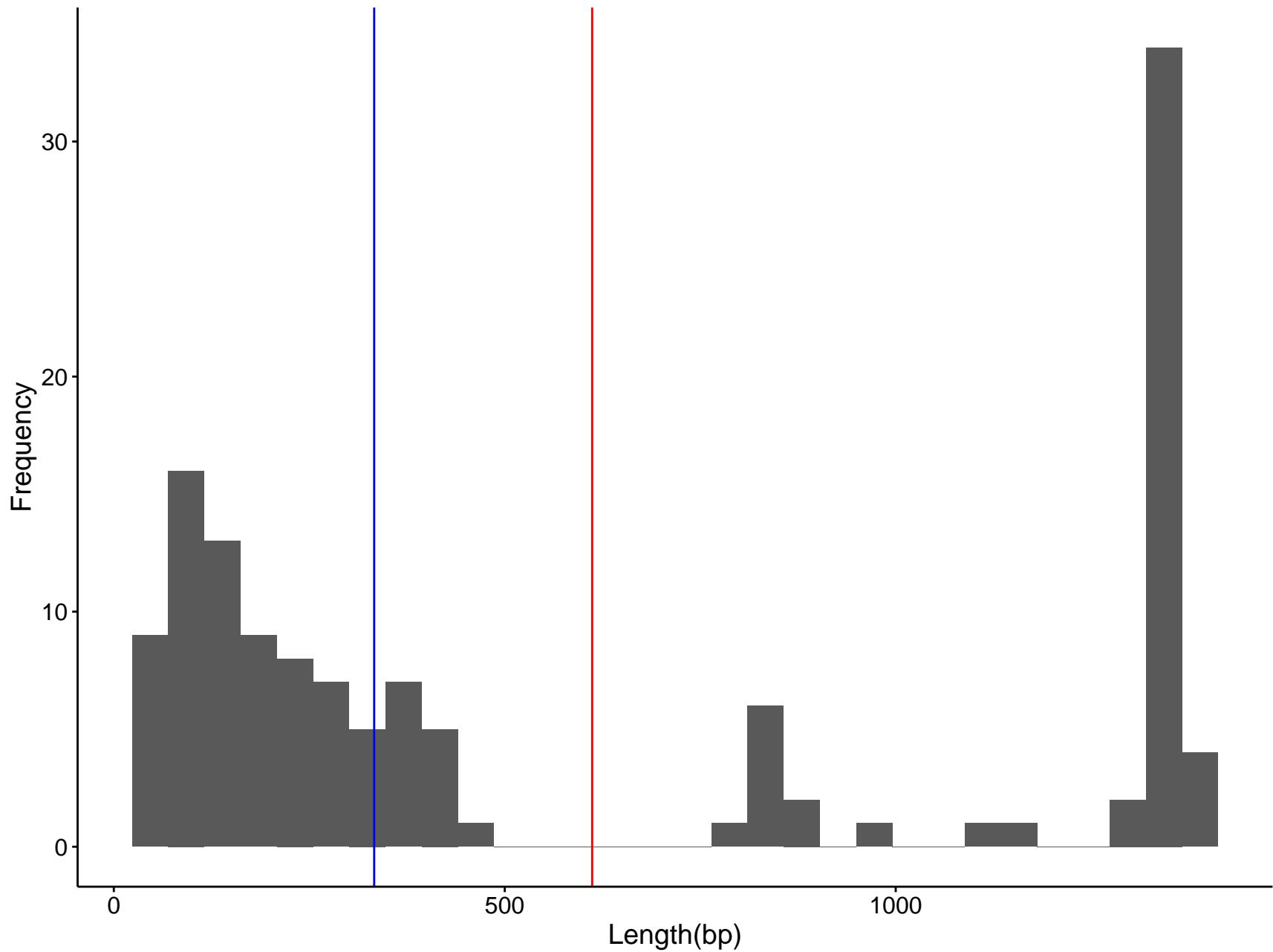
Cluster1141



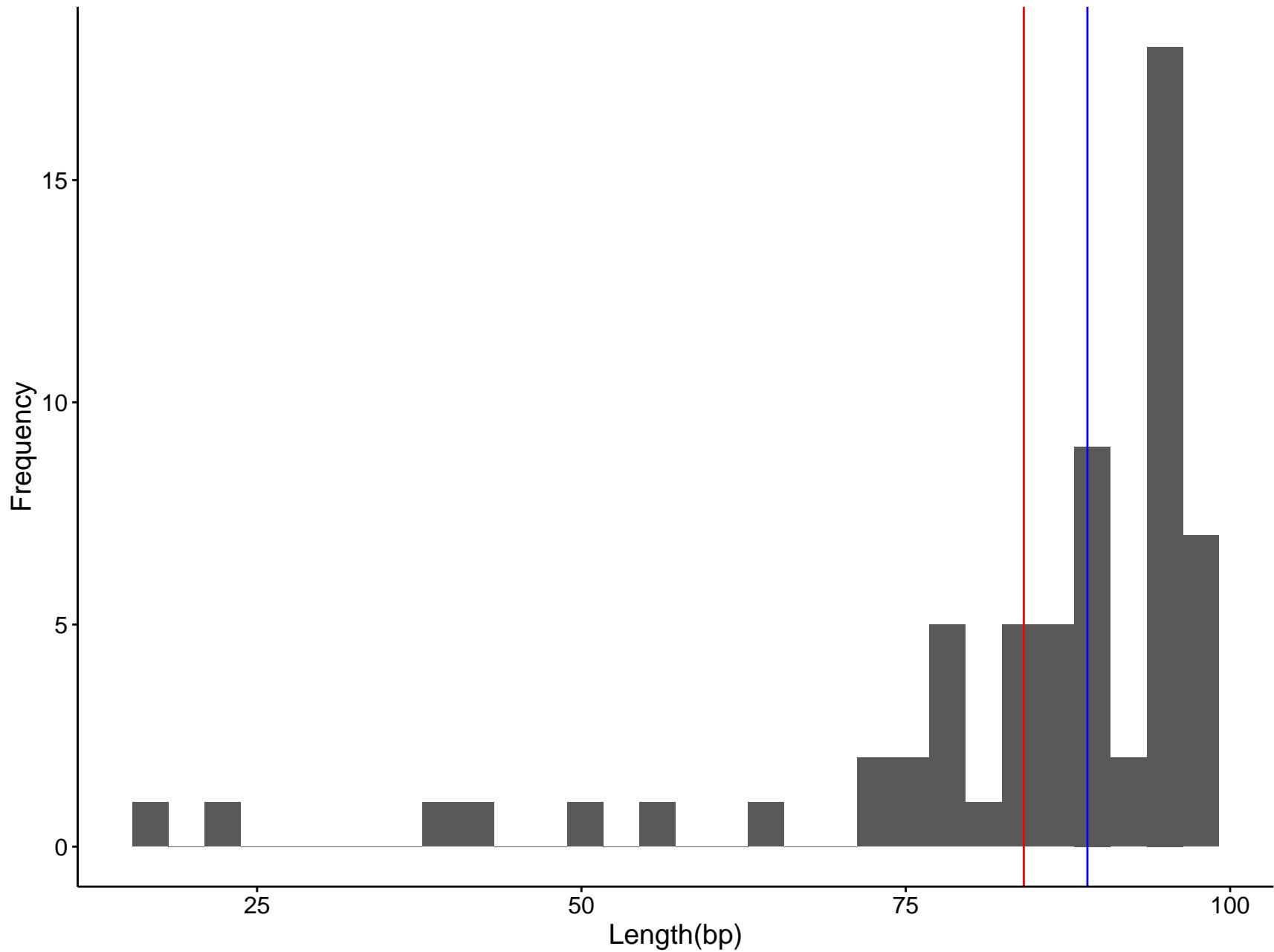
Cluster1144



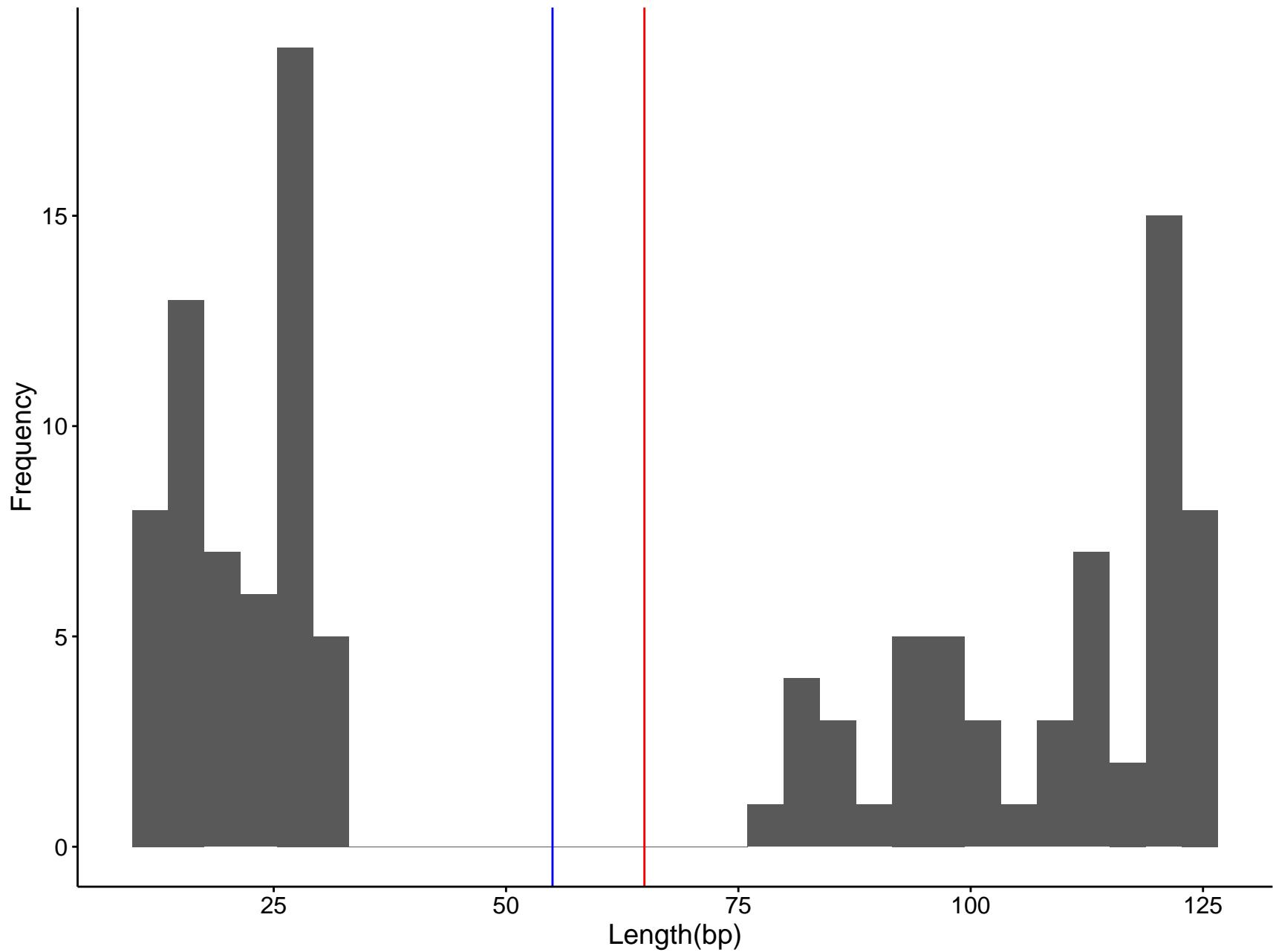
Cluster1145



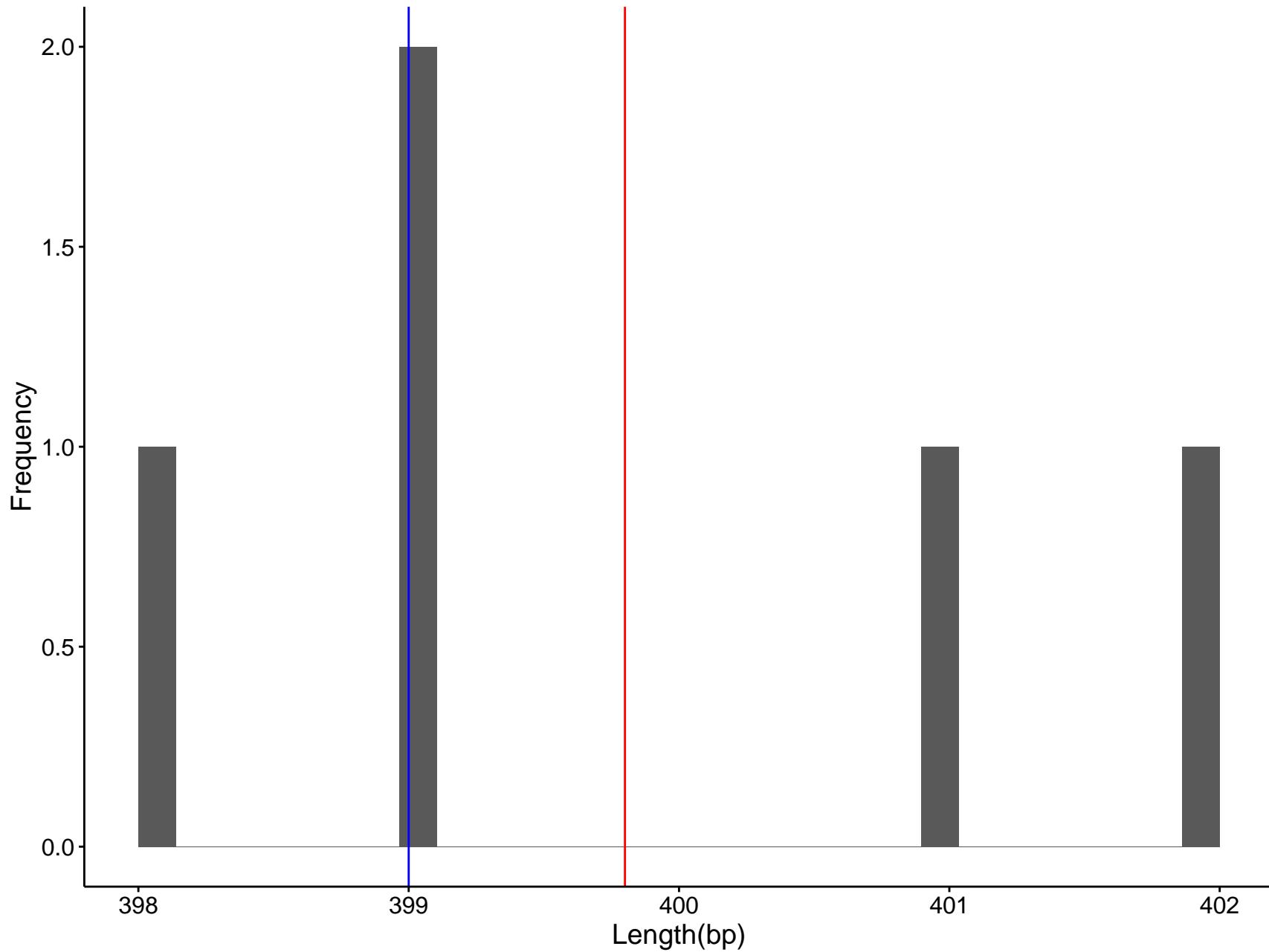
Cluster1146



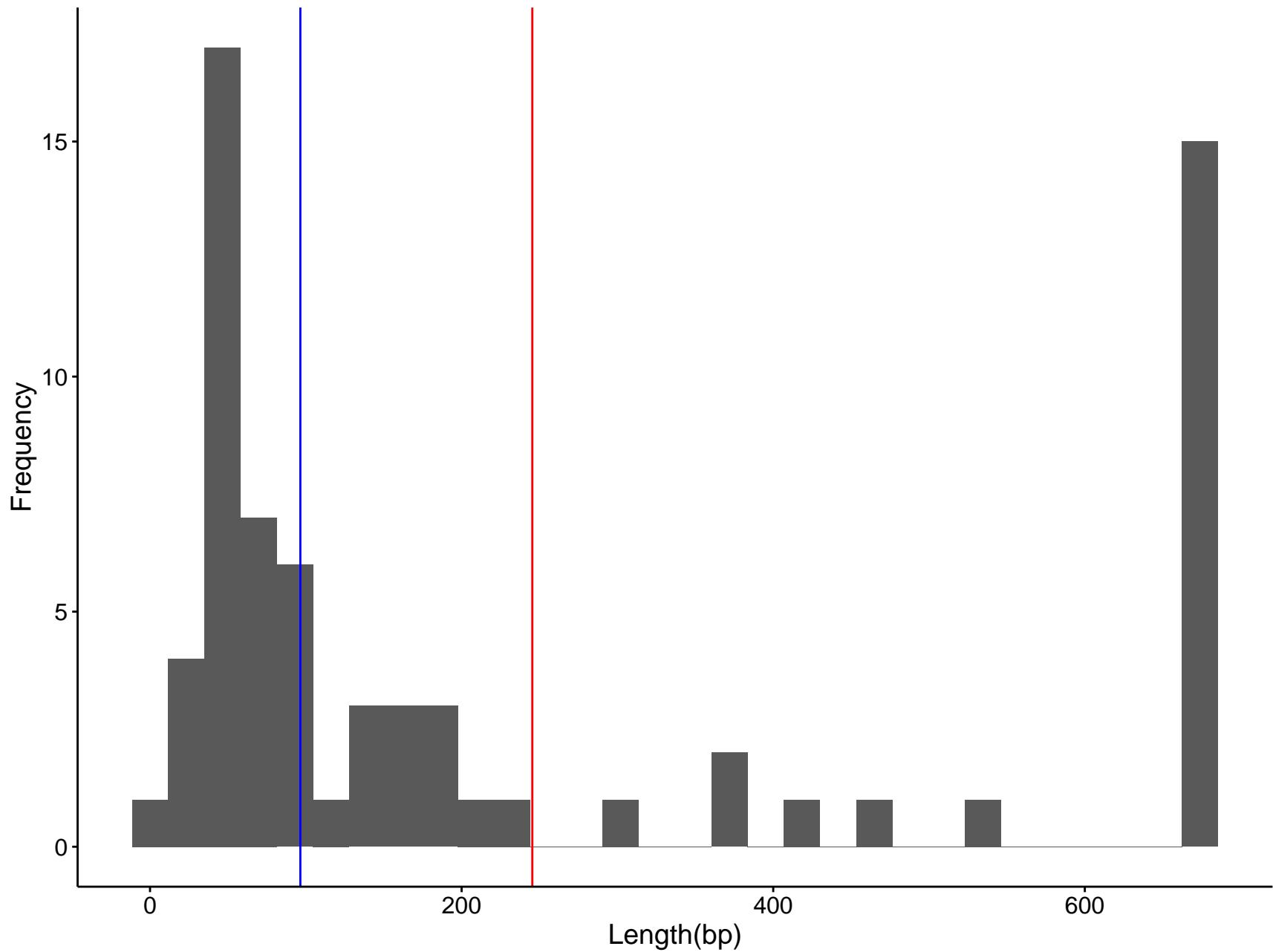
Cluster1147



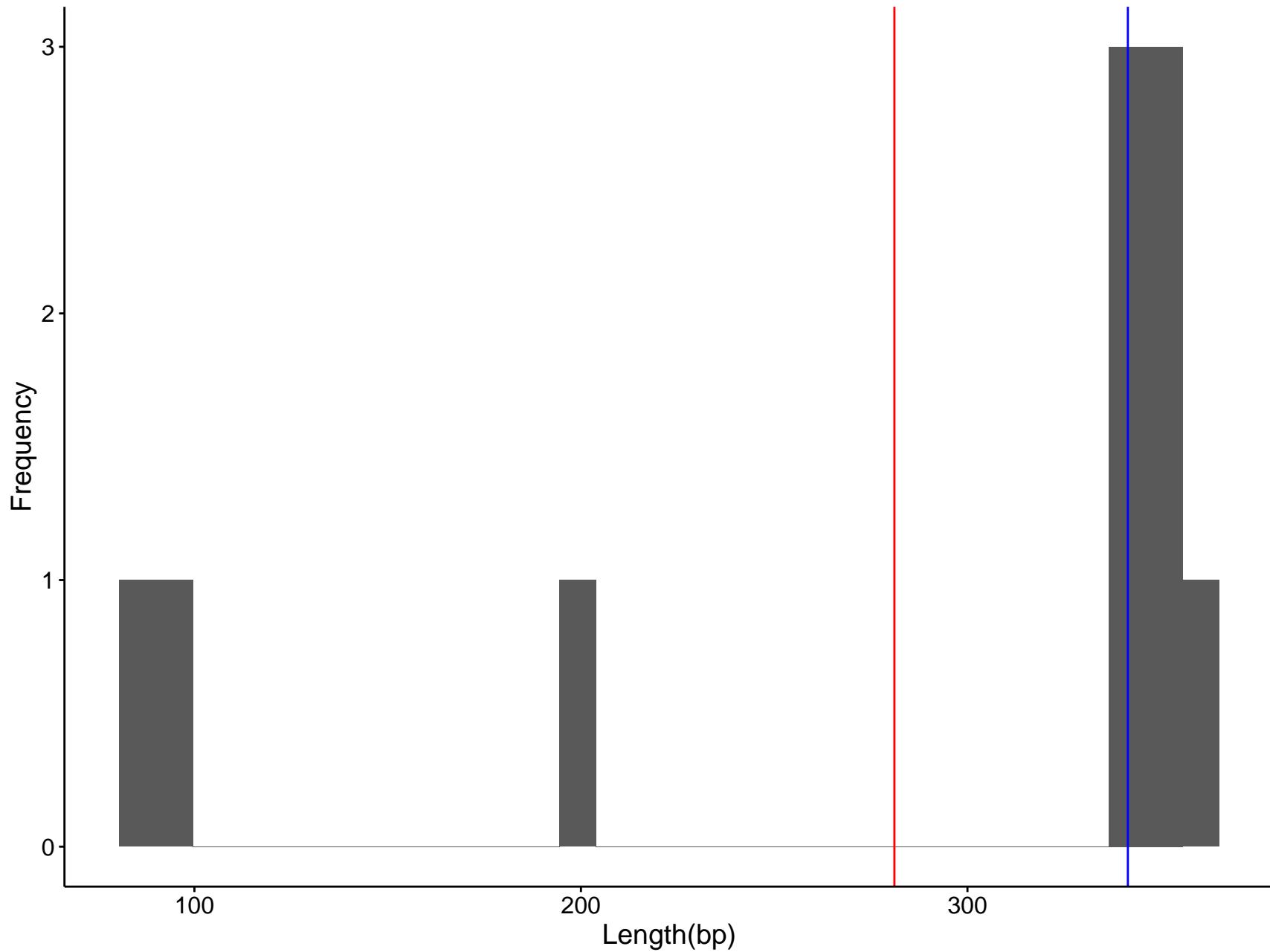
Cluster114



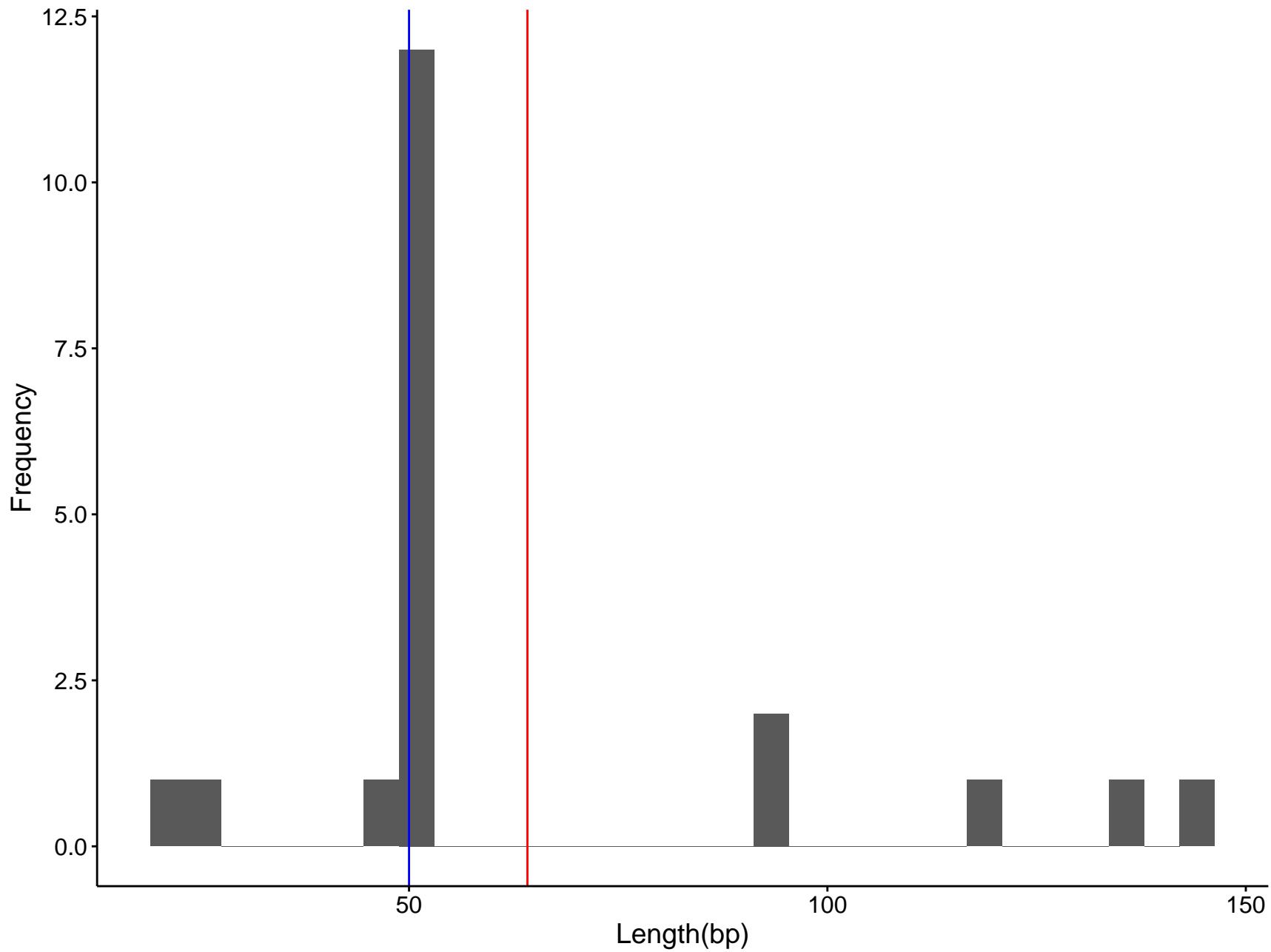
Cluster1151



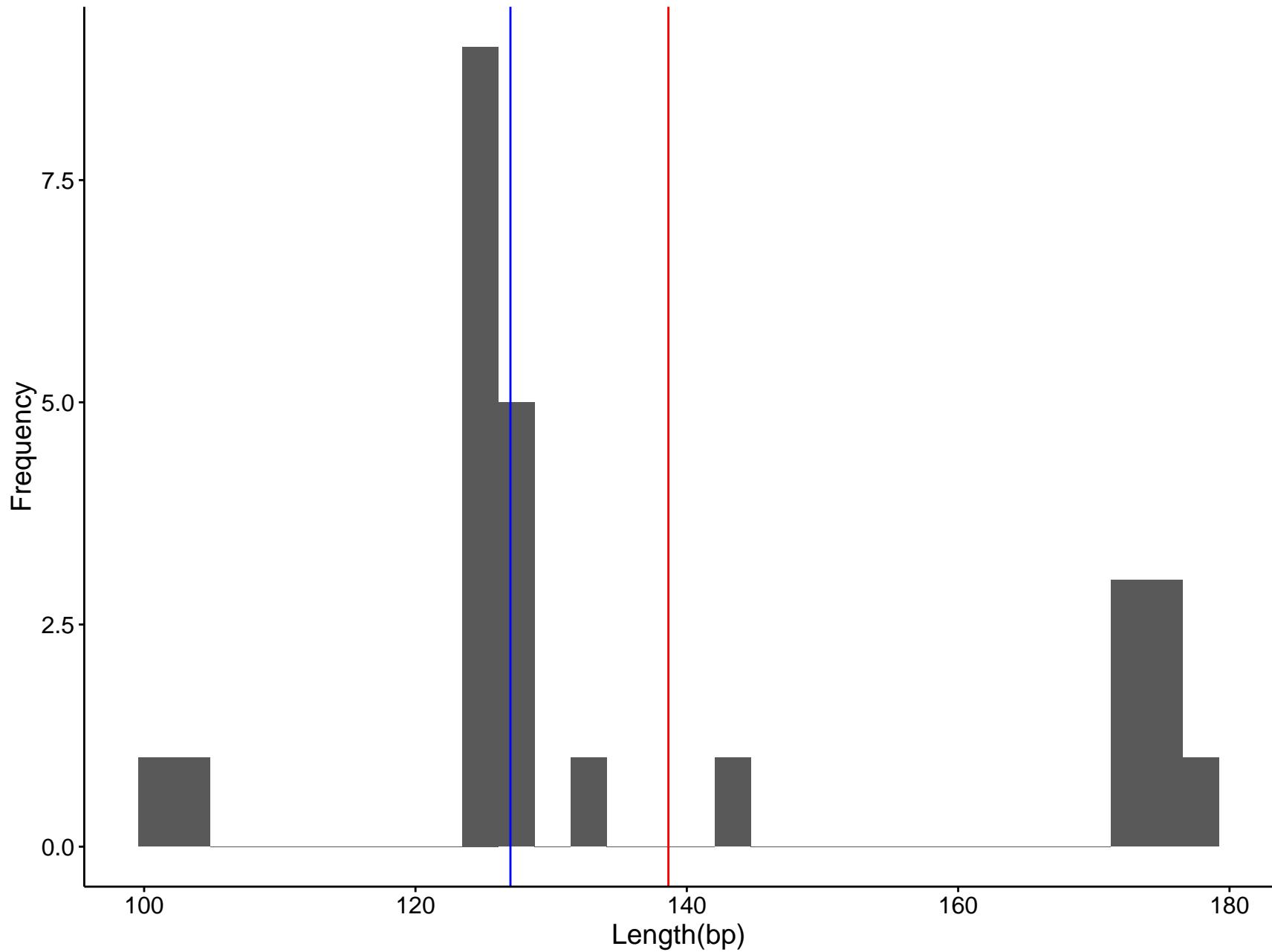
Cluster1153



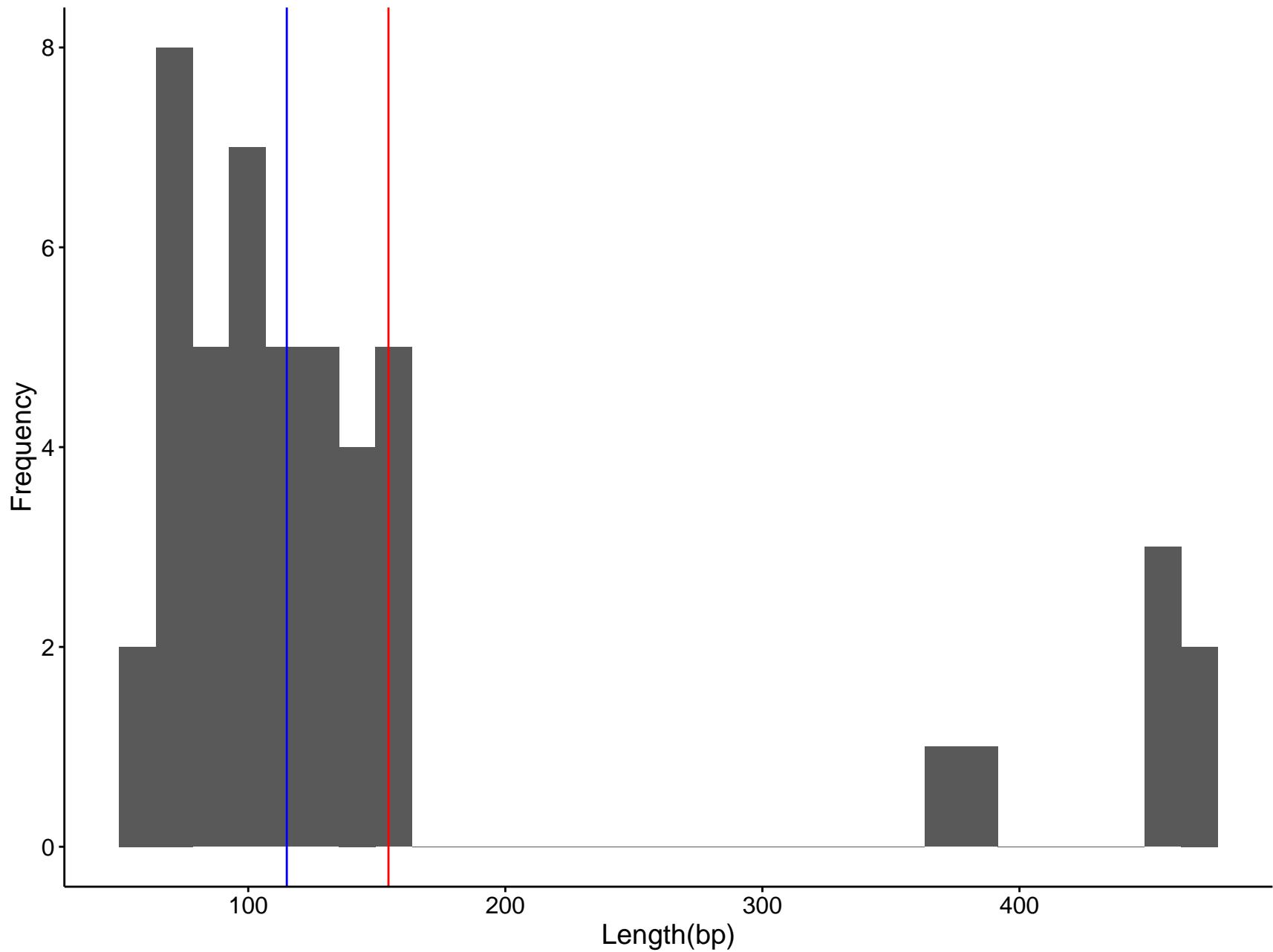
Cluster1155



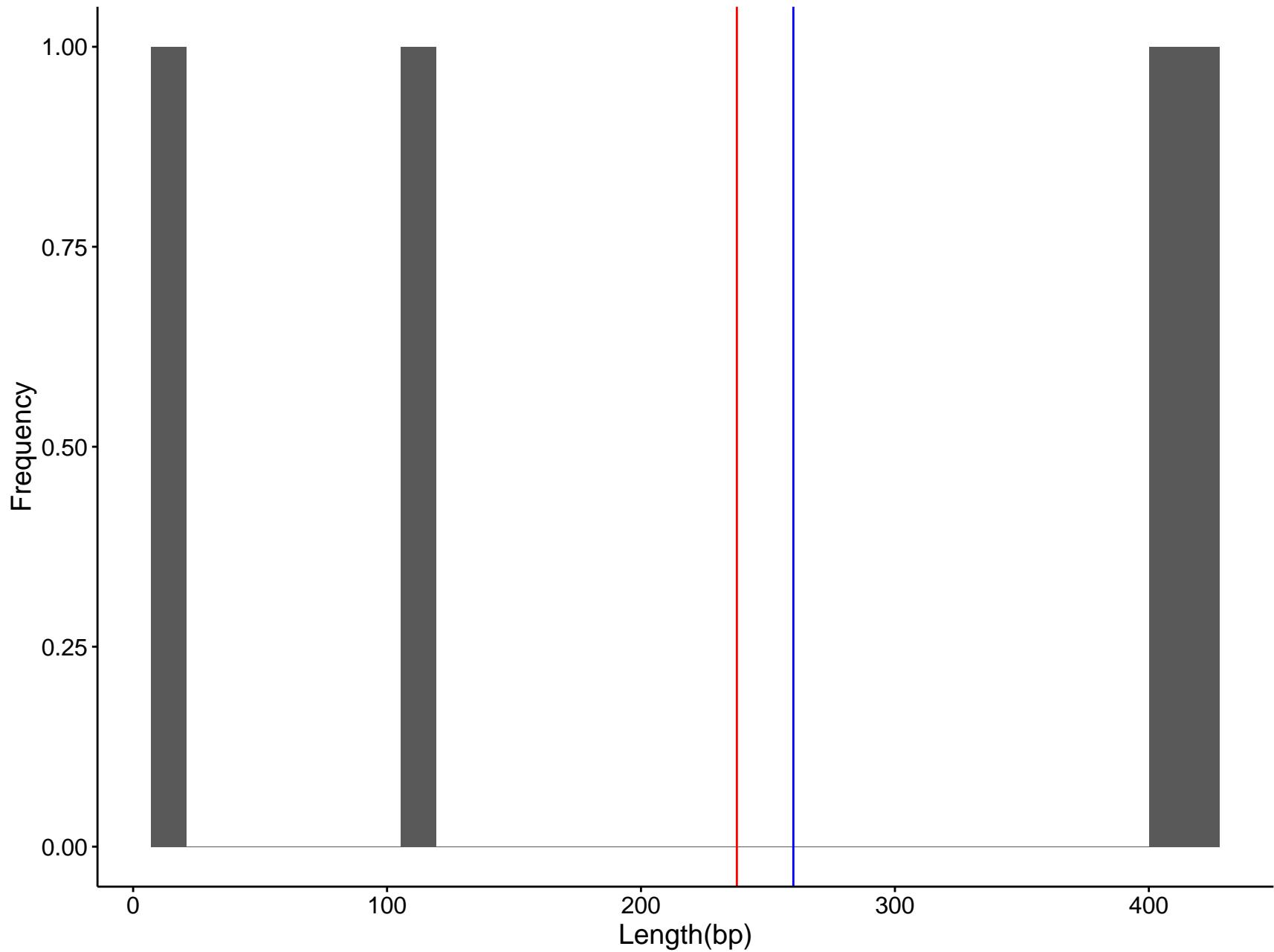
Cluster1156



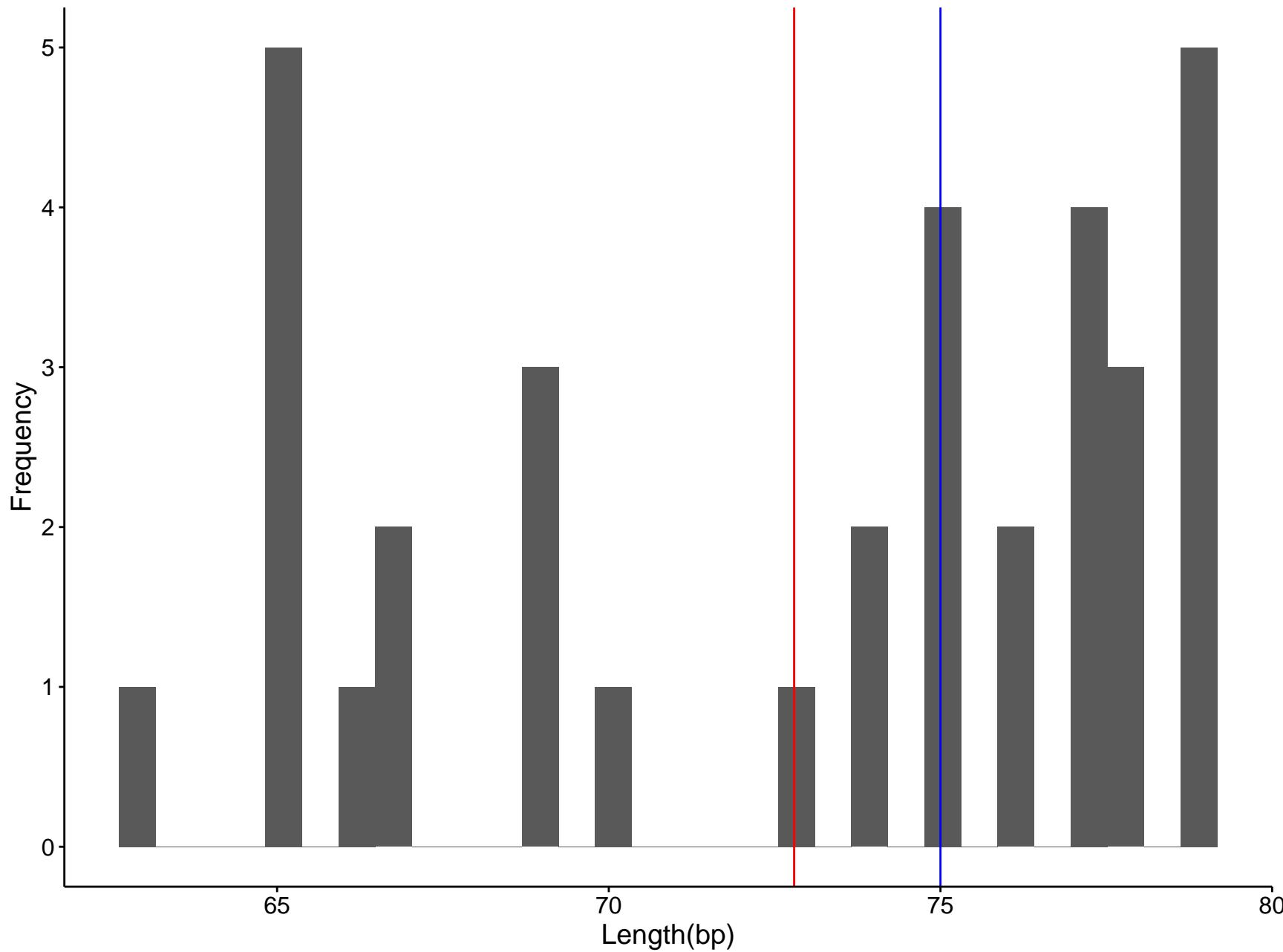
Cluster1159



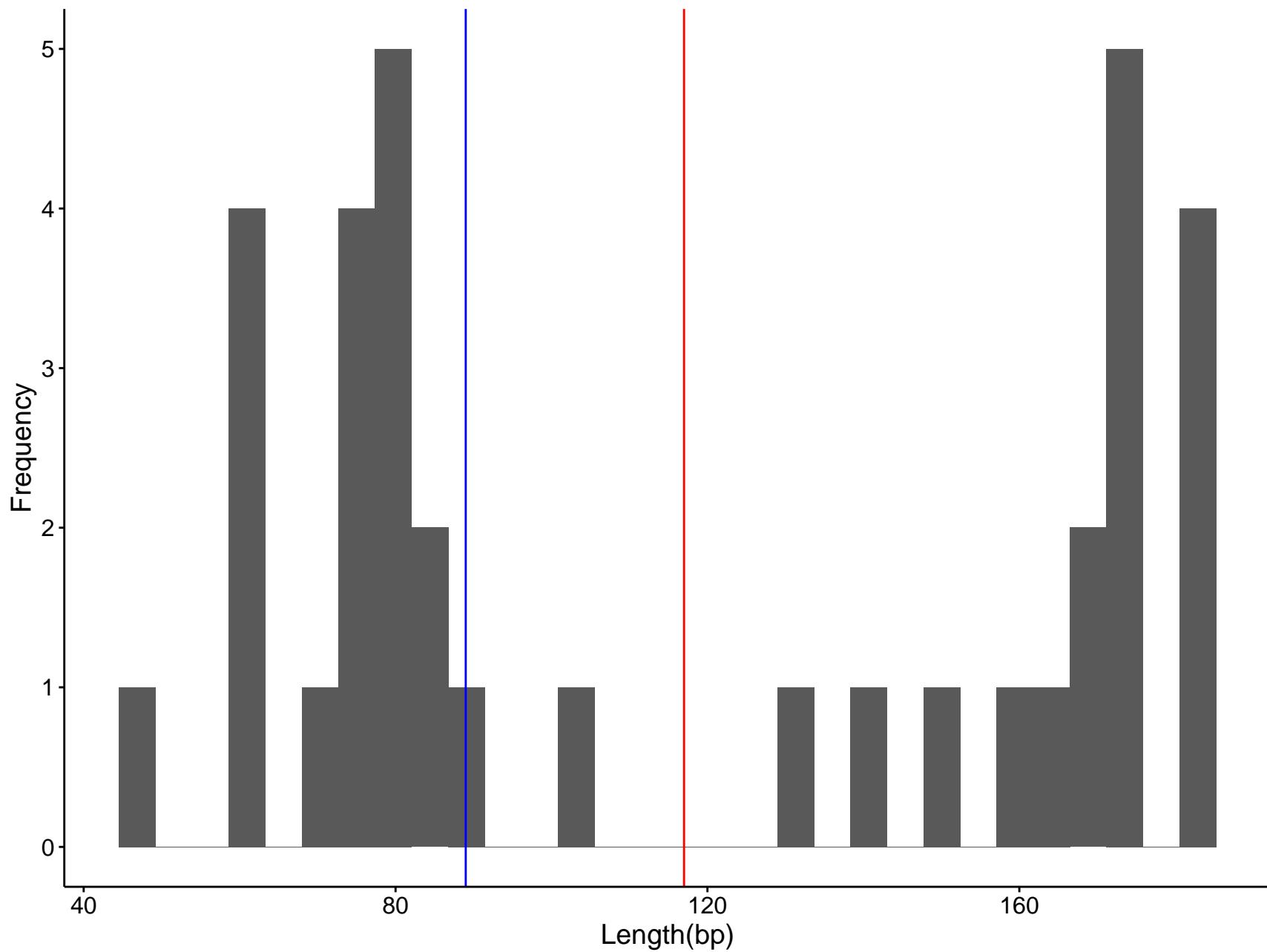
Cluster115



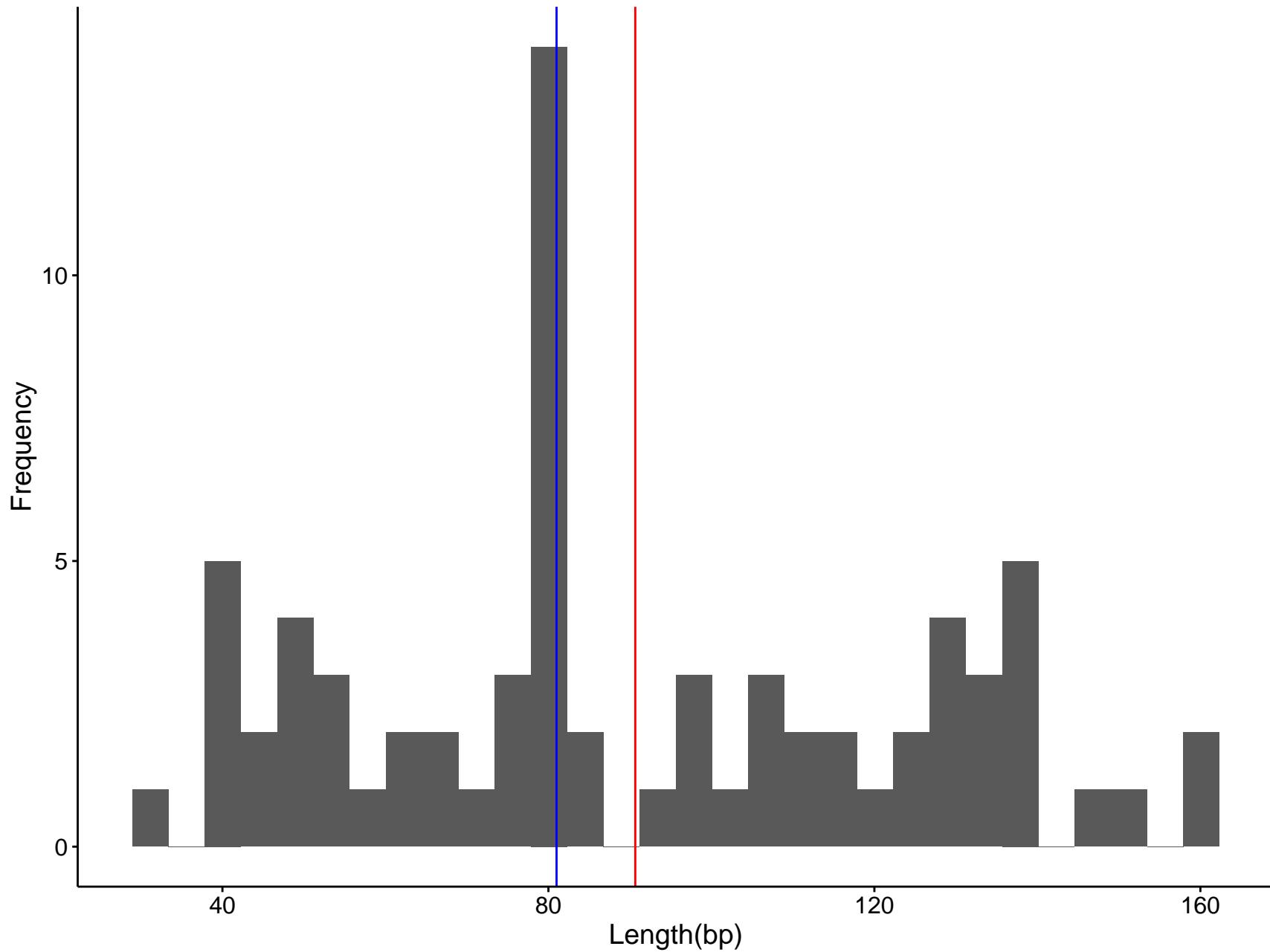
Cluster1161



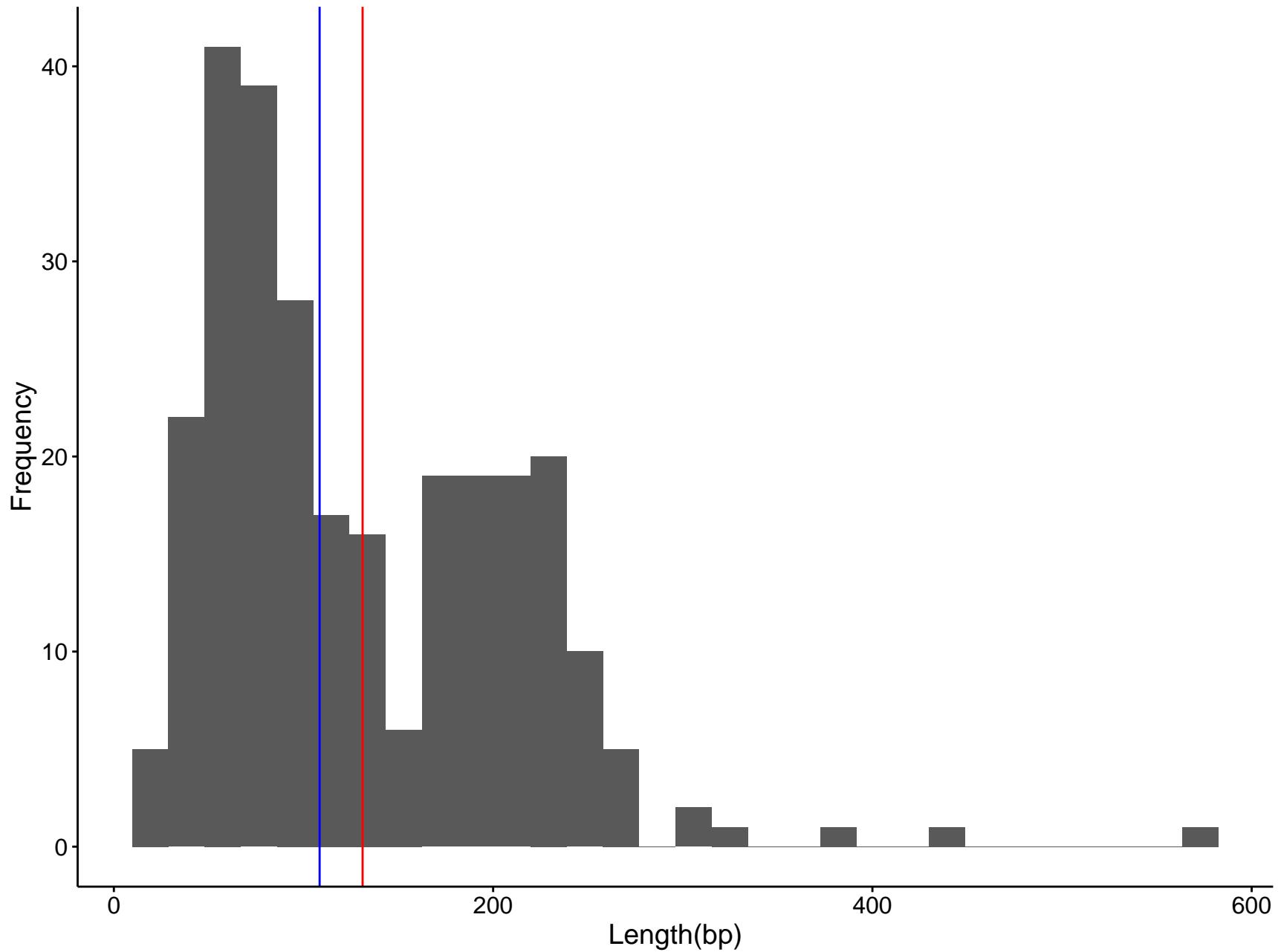
Cluster1162



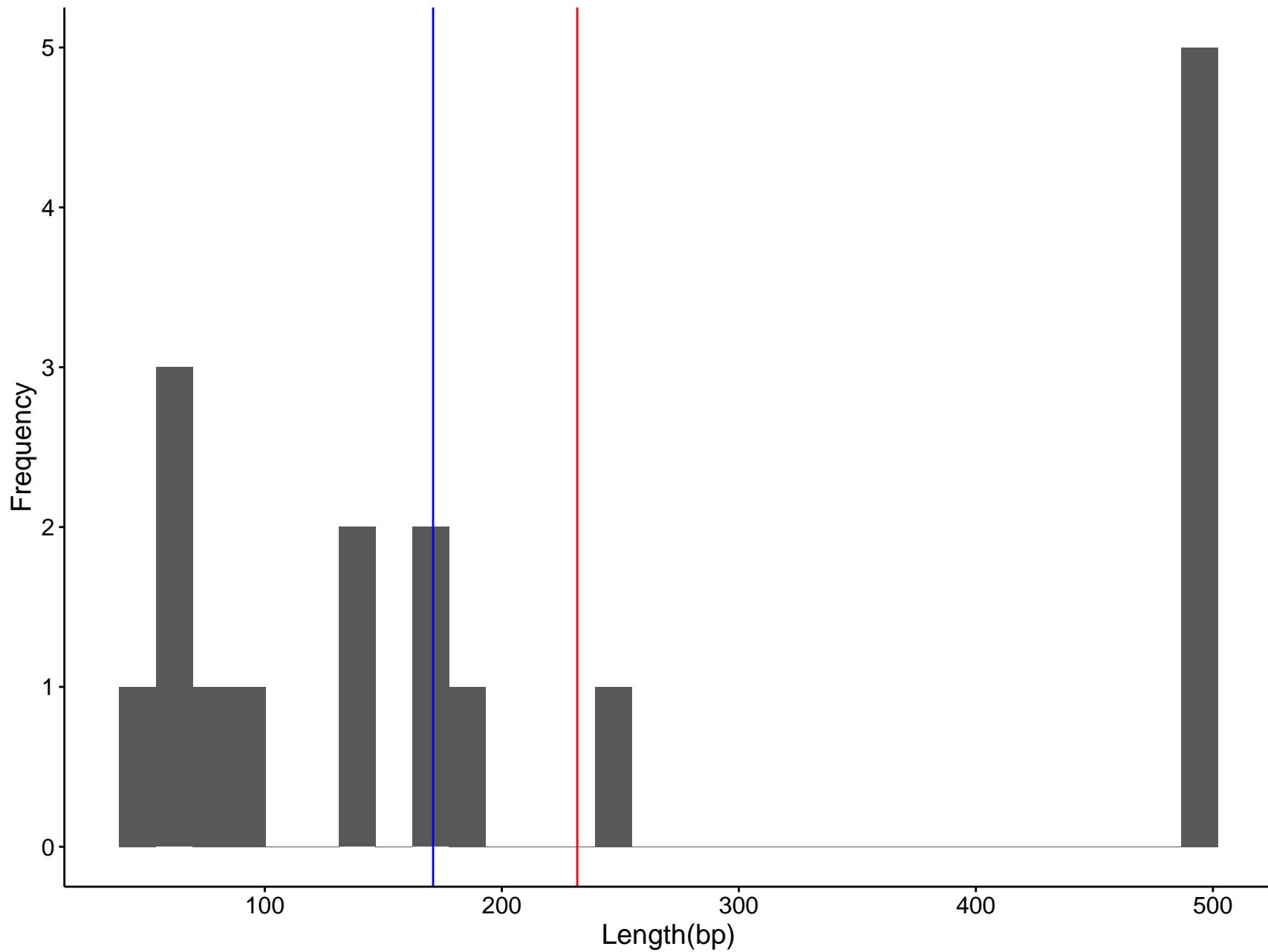
Cluster1164



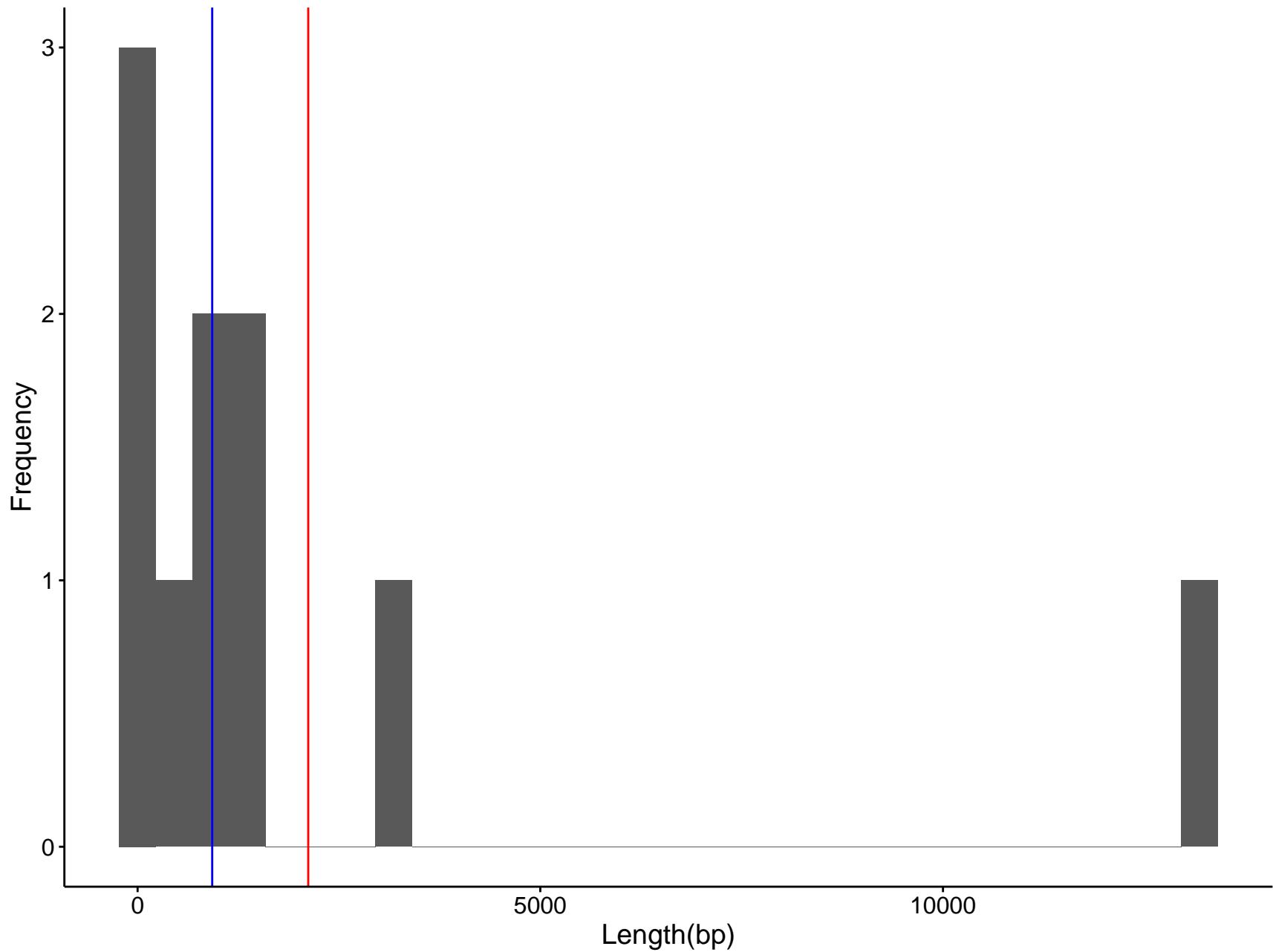
Cluster1165



Cluster1166



Cluster1169



Cluster116

Frequency

593.950

593.975

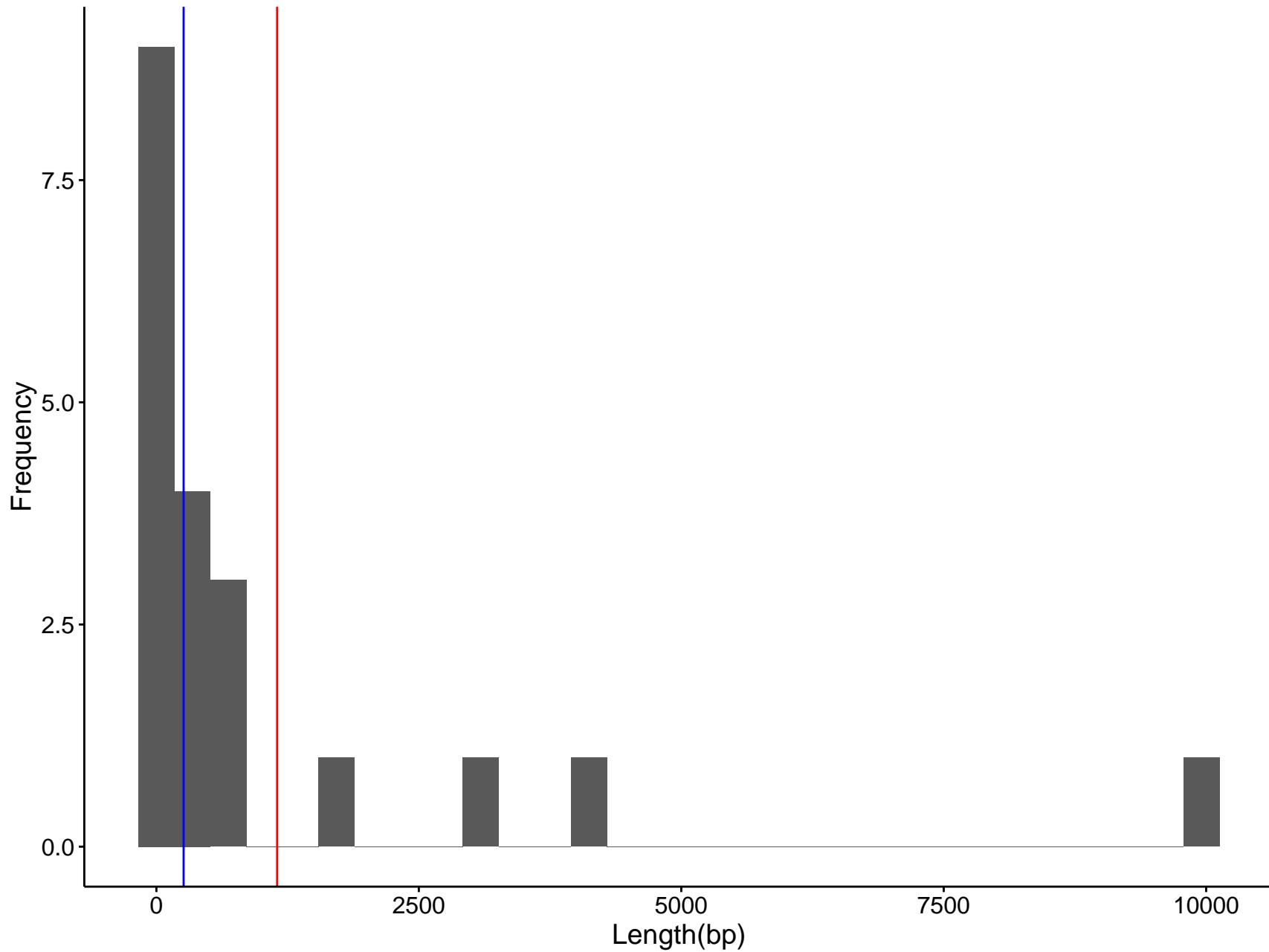
594.000

594.025

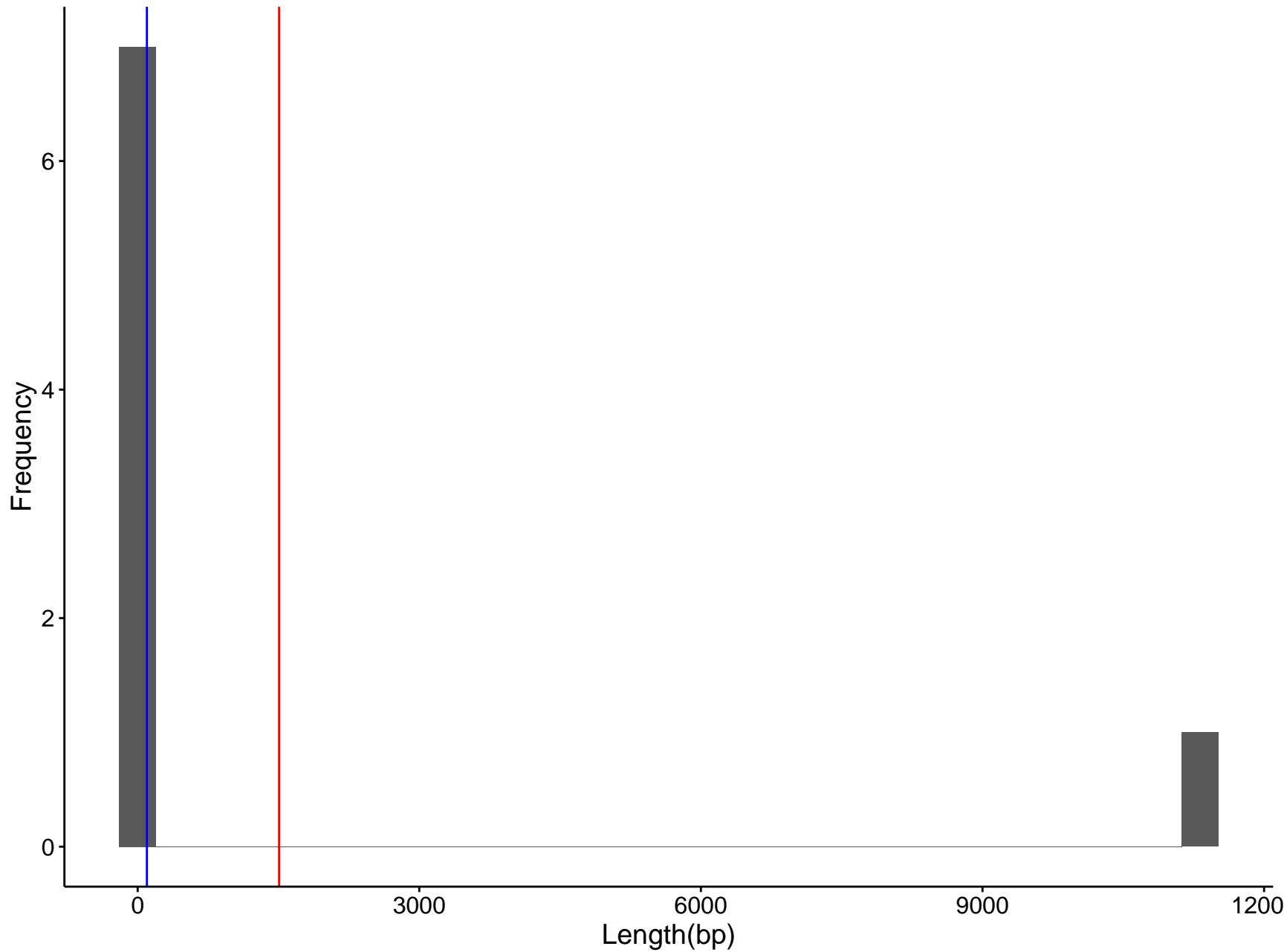
Length(bp)



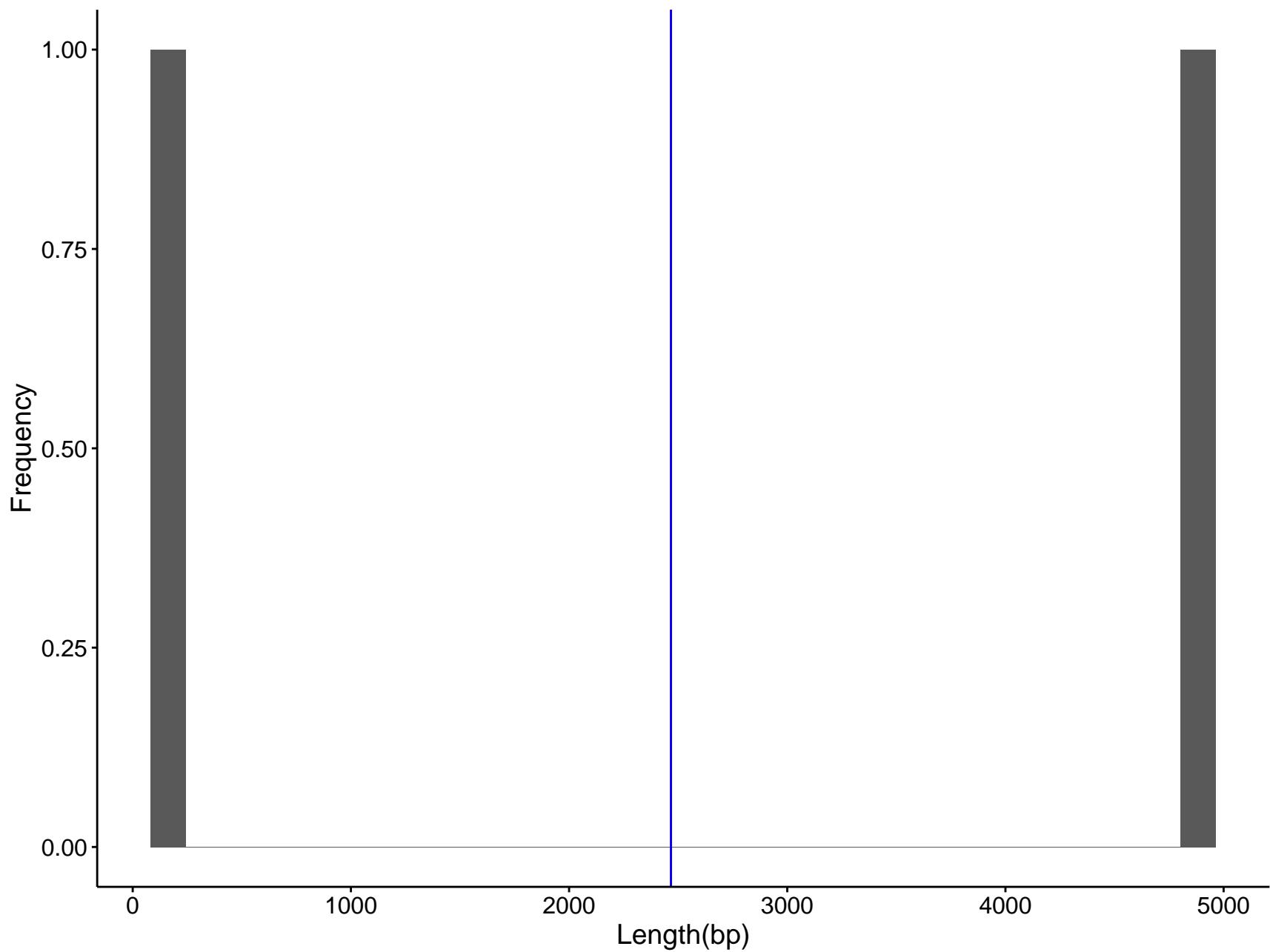
Cluster1170



Cluster1171



Cluster1172



Cluster1173

Frequency

12587.95

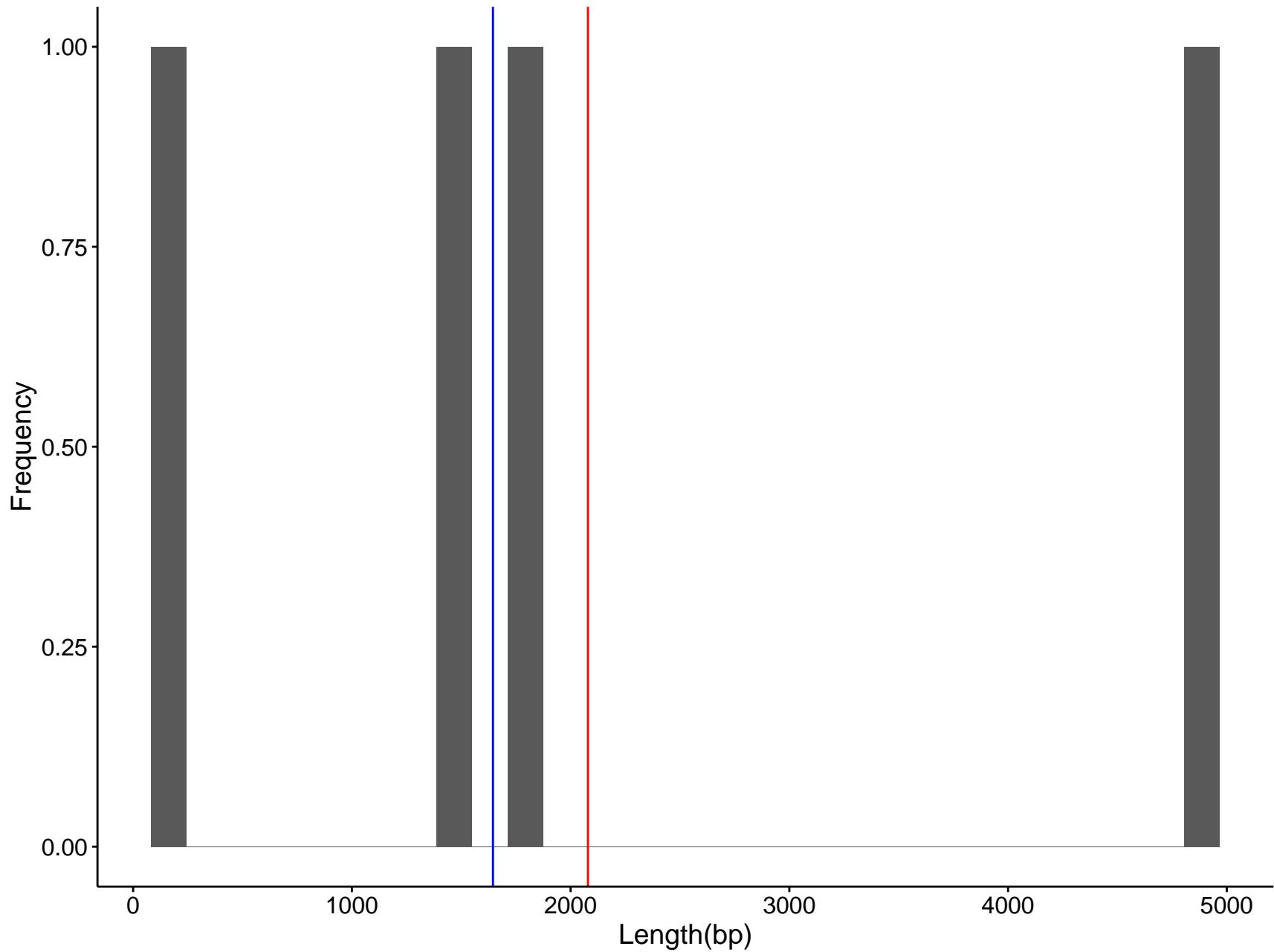
12587.98

12588.00
Length(bp)

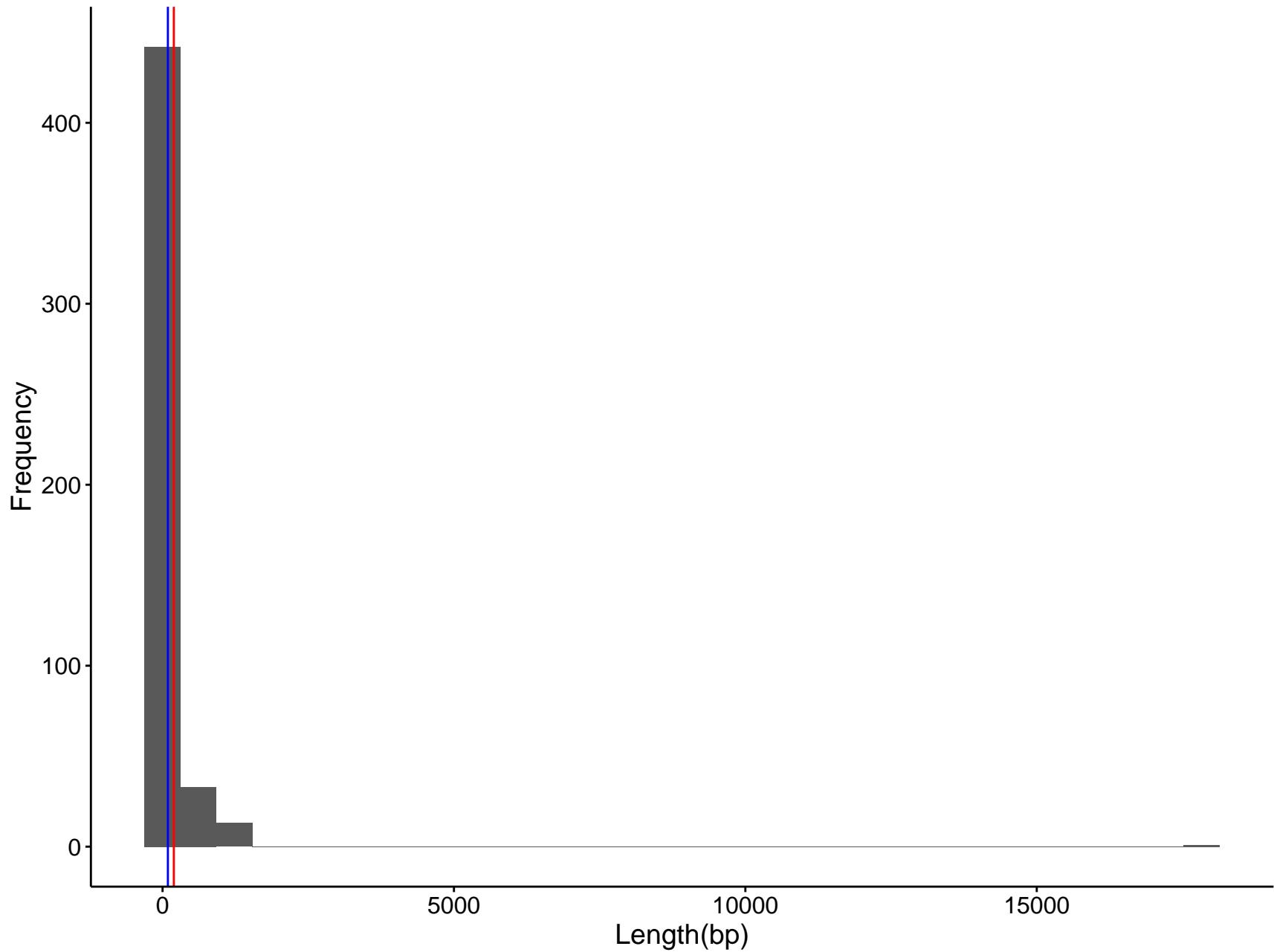
12588.03



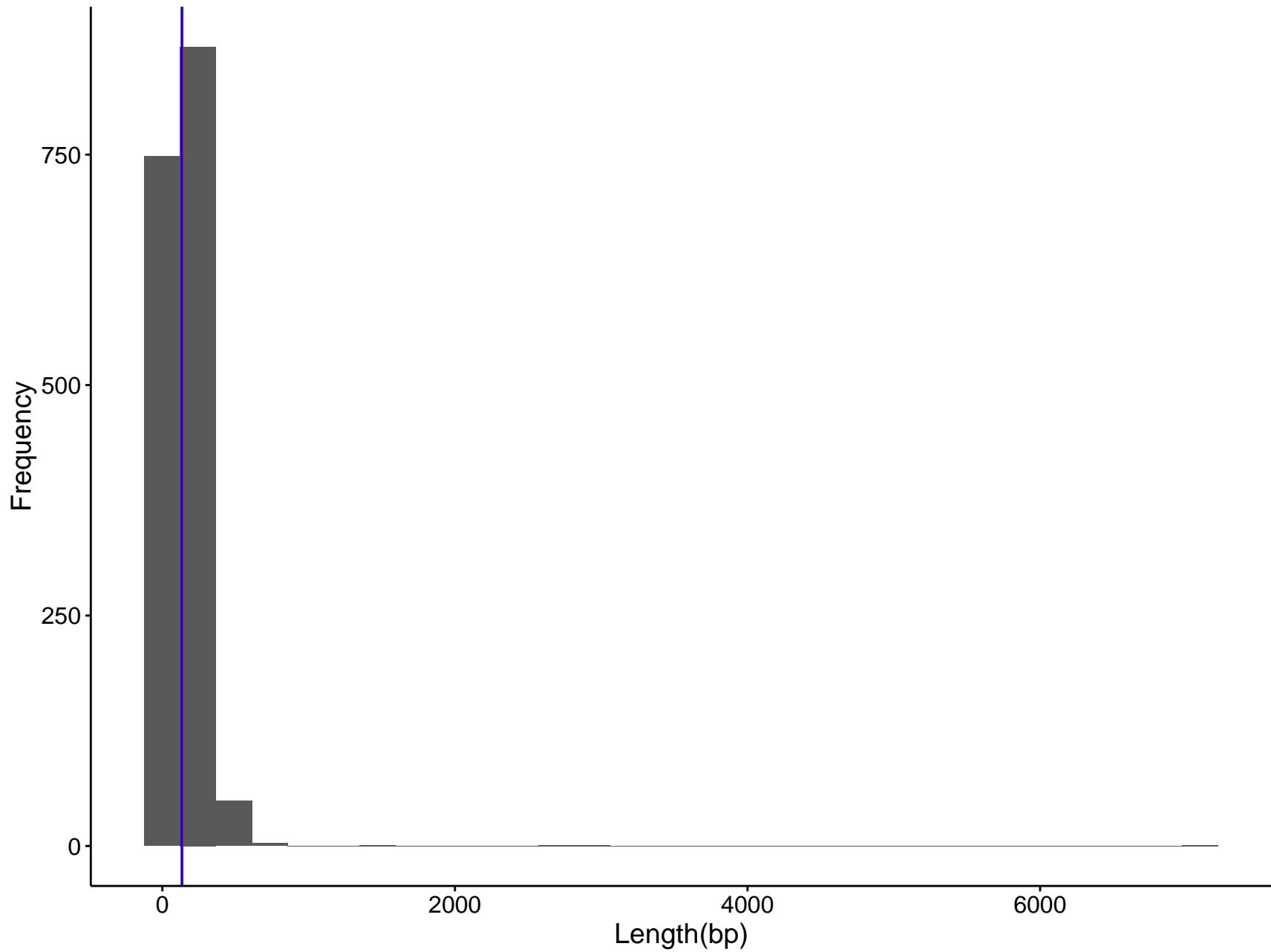
Cluster1174



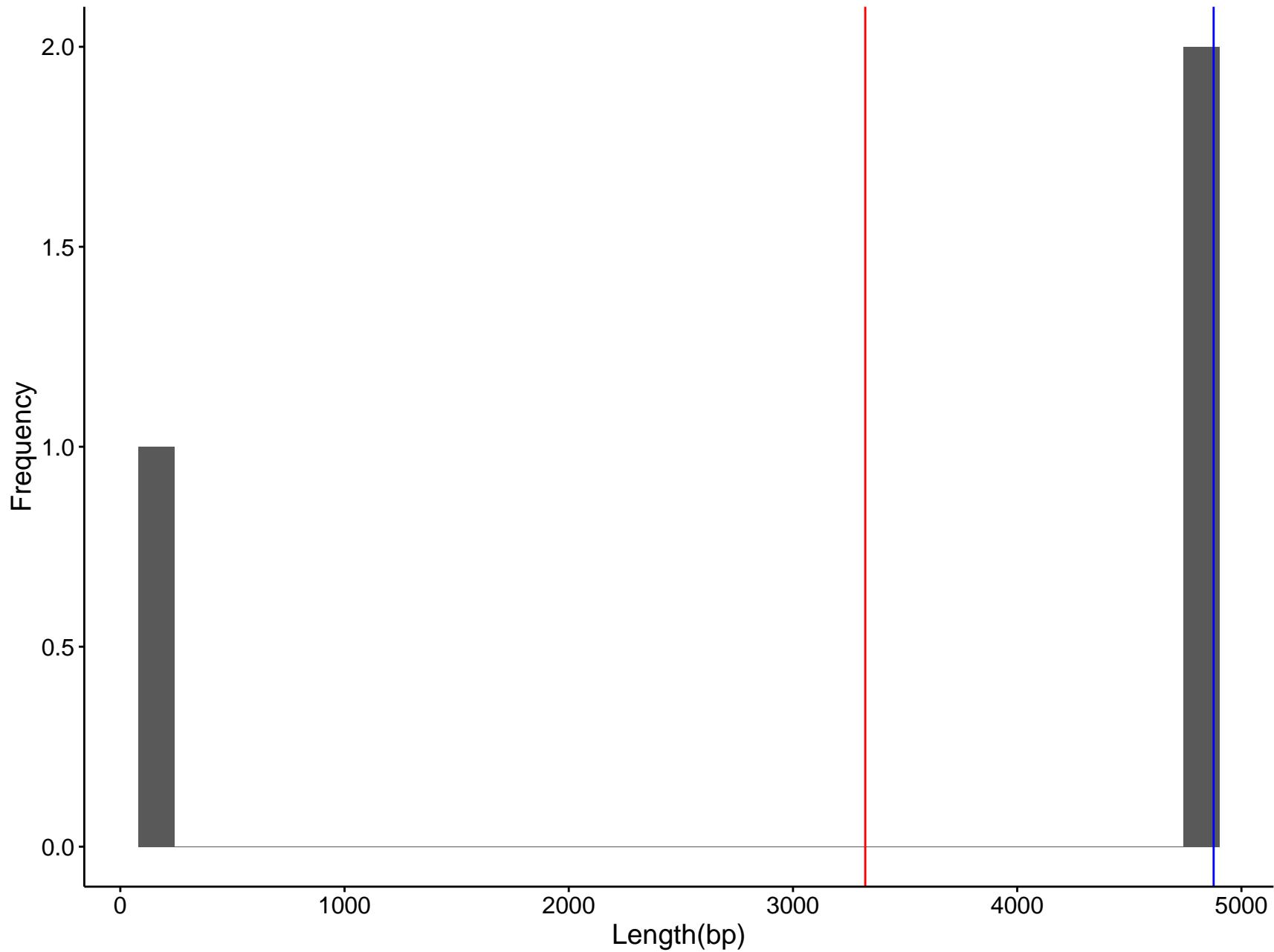
Cluster1175



Cluster1176



Cluster1177



Cluster1179

Frequency

66.950

66.975

67.000

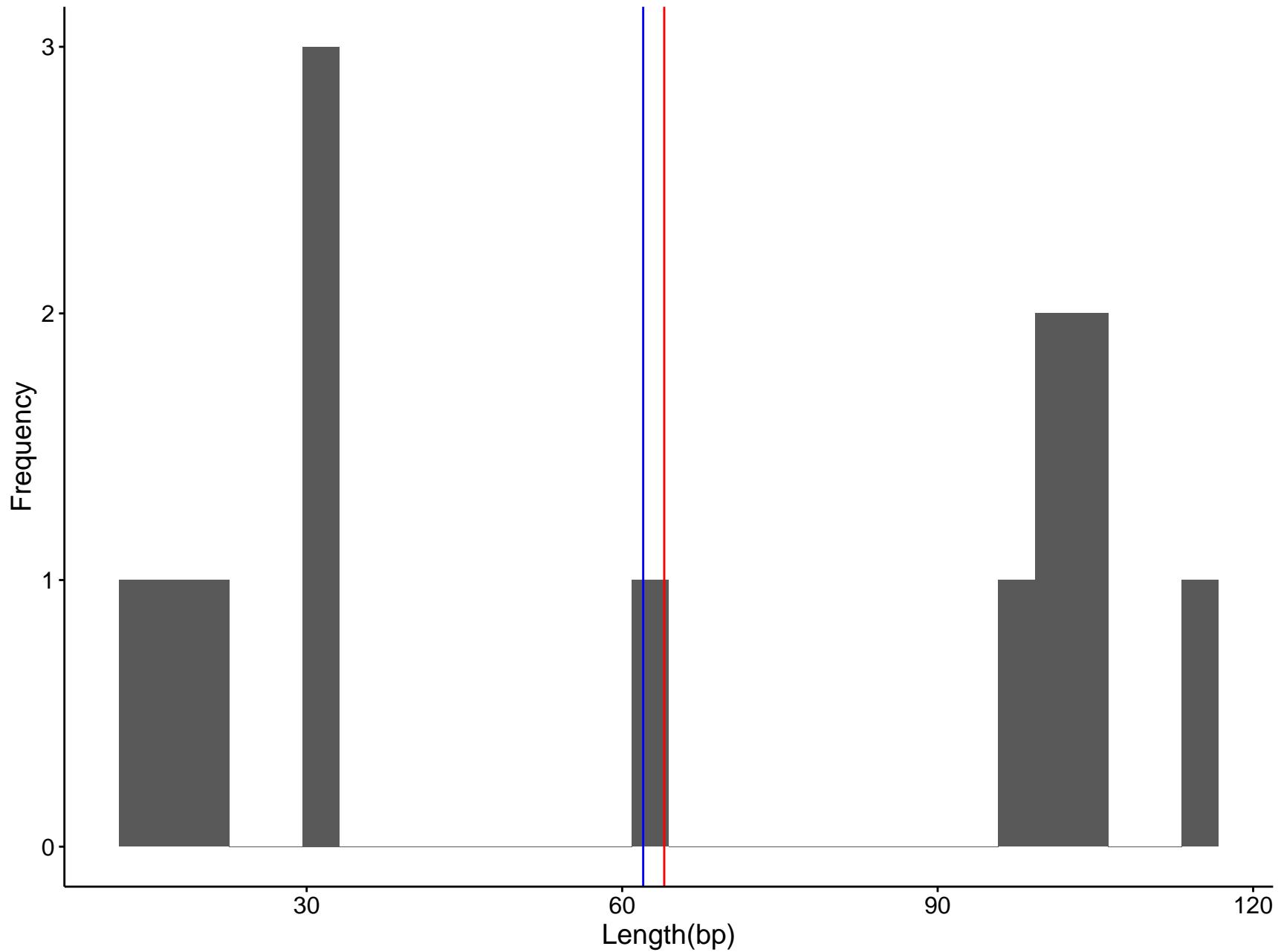
67.025

67.0

Length(bp)



Cluster117



Cluster1180

Frequency

395.950

395.975

396.000

396.025

Length(bp)



Cluster1181

Frequency

810.950

810.975

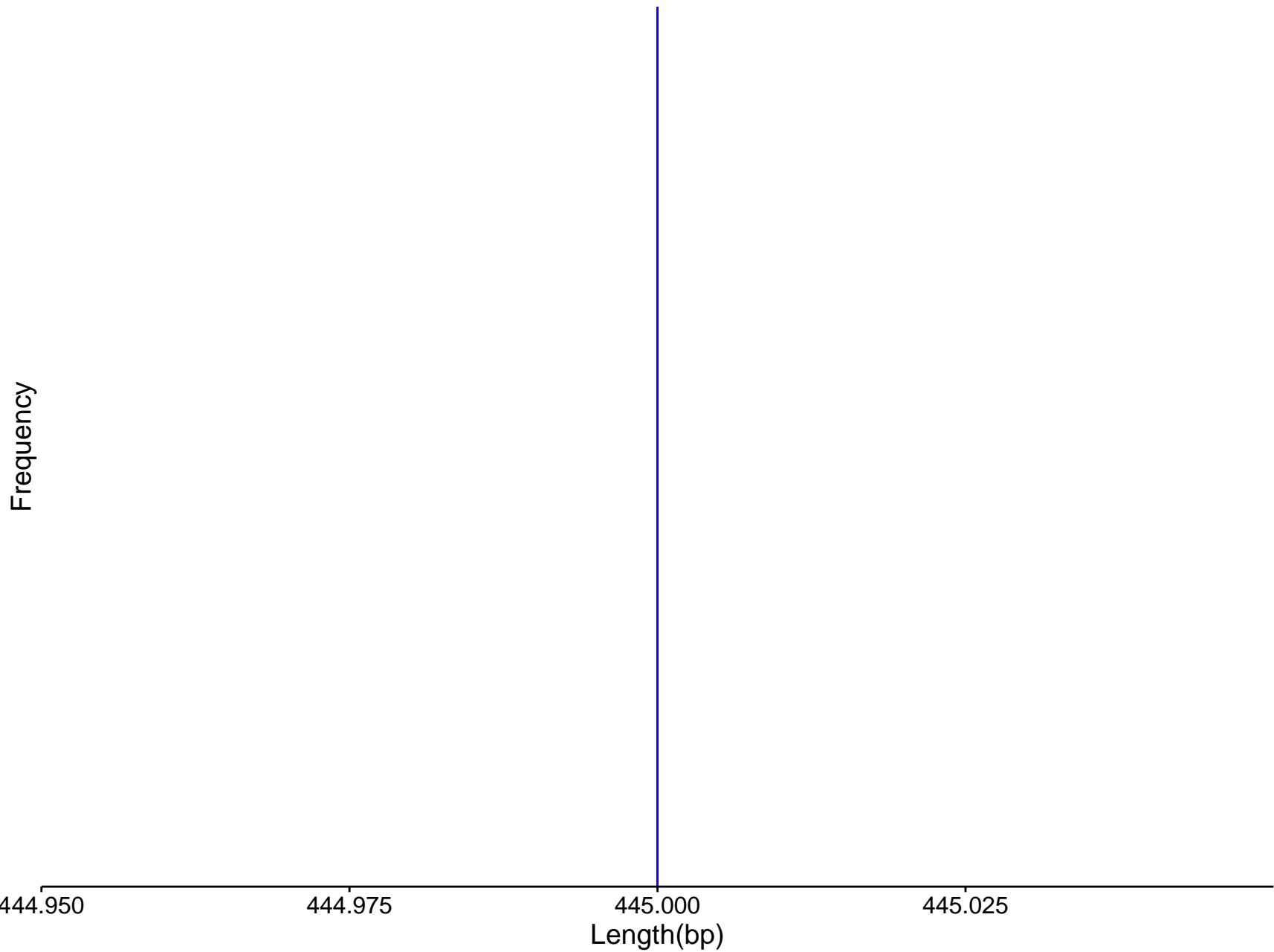
811.000

811.025

Length(bp)



Cluster1182



Cluster1183

Frequency

753.950

753.975

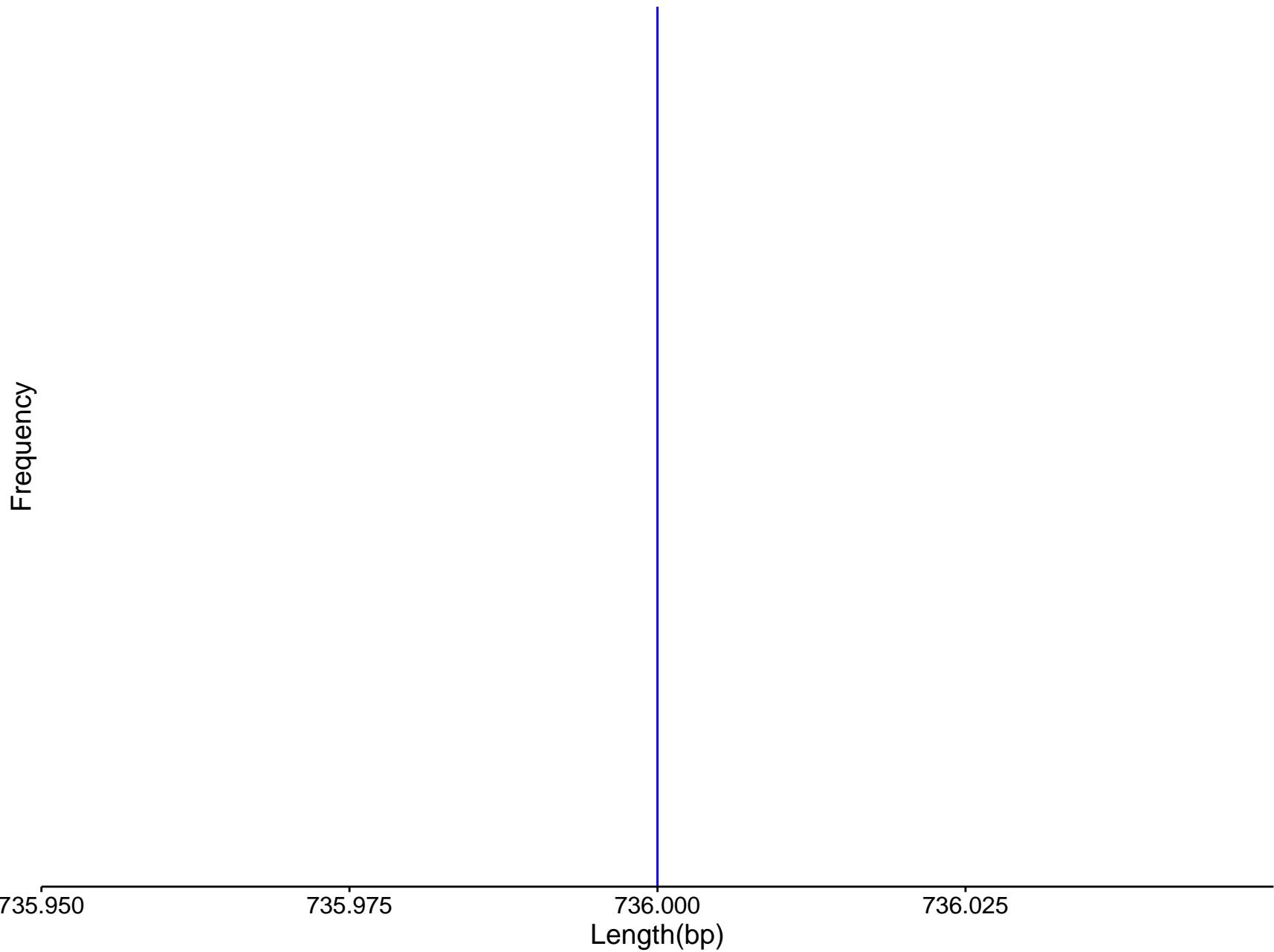
754.000

754.025

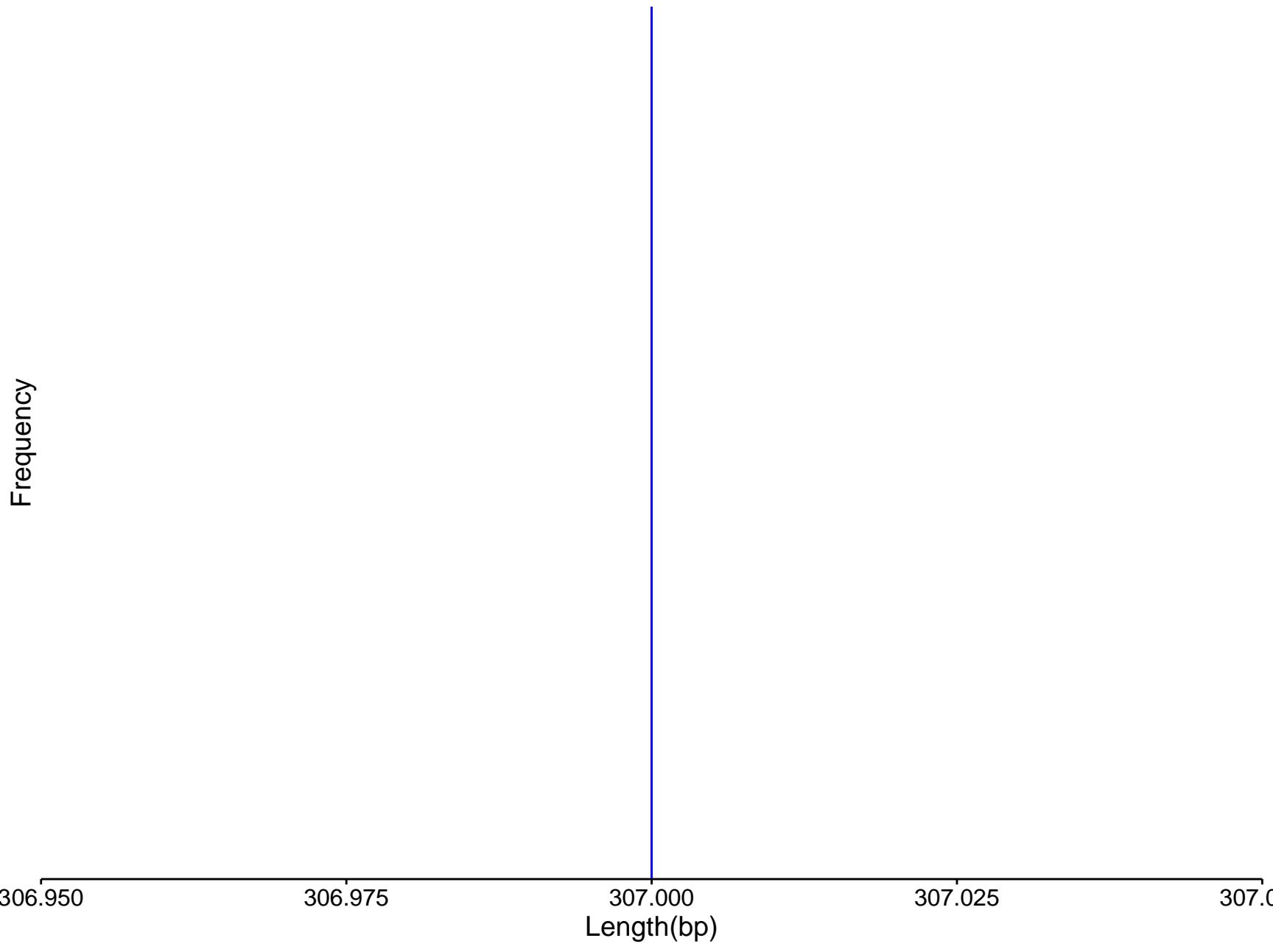
Length(bp)



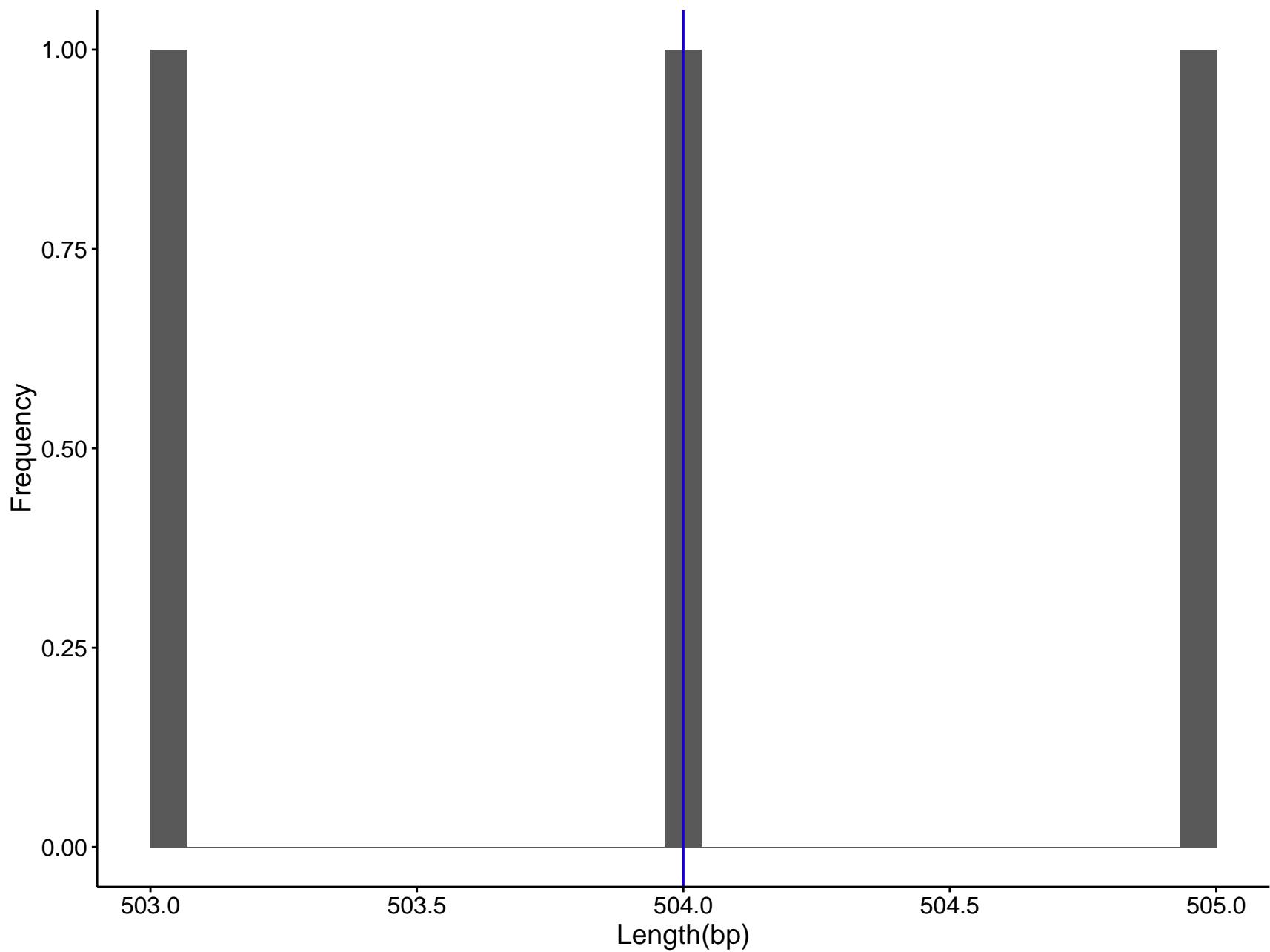
Cluster1184



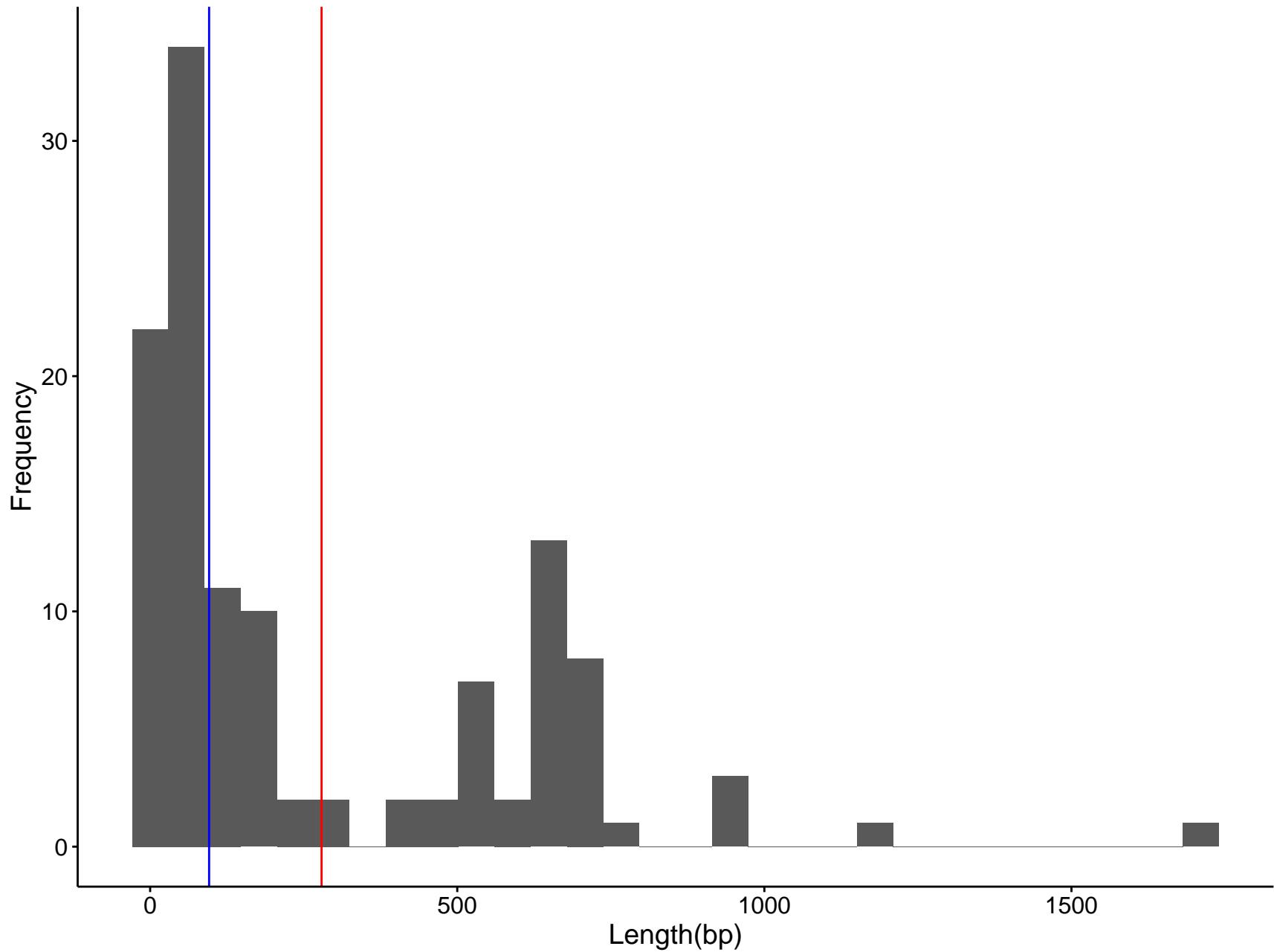
Cluster1185



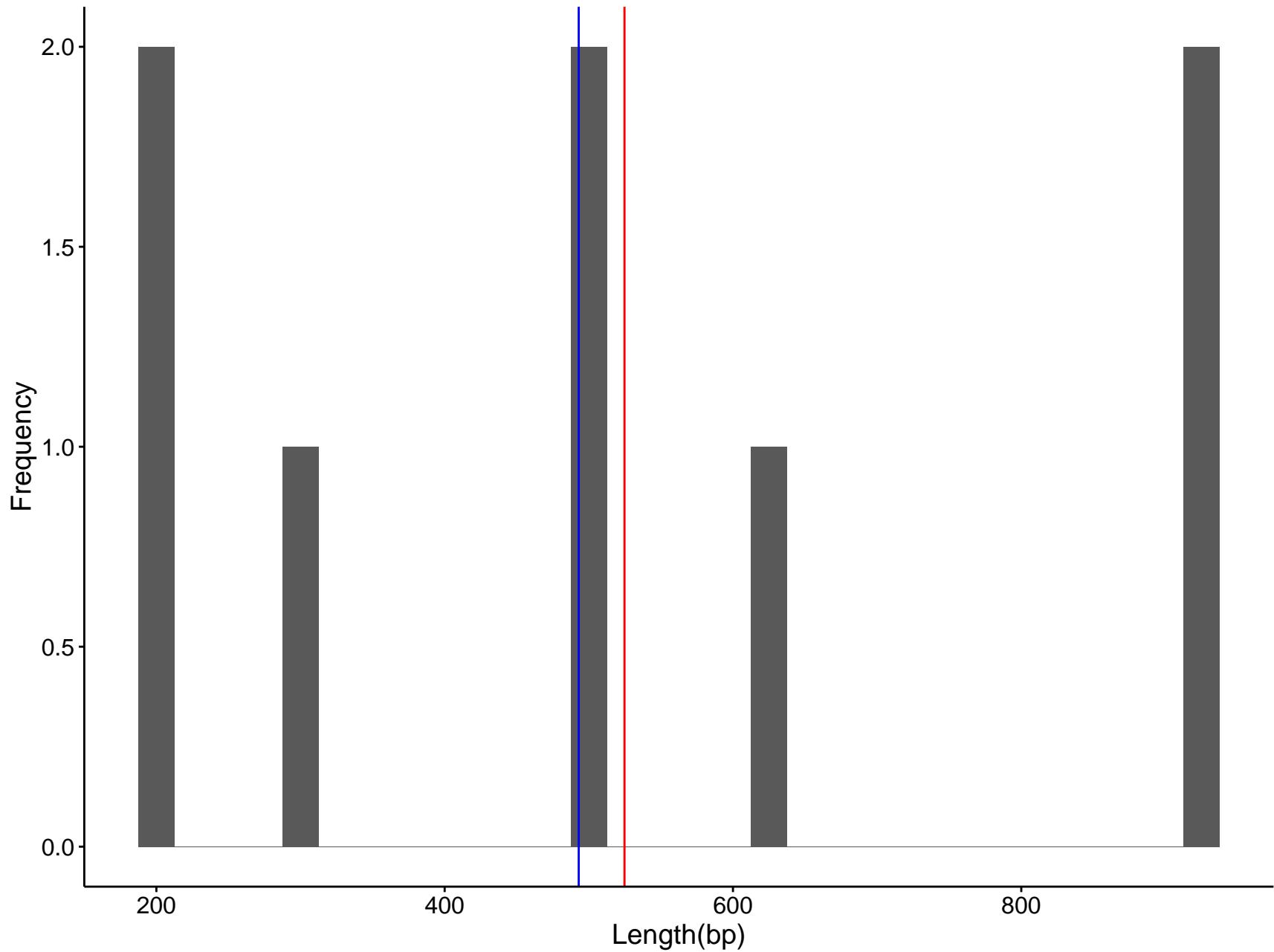
Cluster1186



Cluster1187



Cluster1189



Cluster1192

Frequency

42.950

42.975

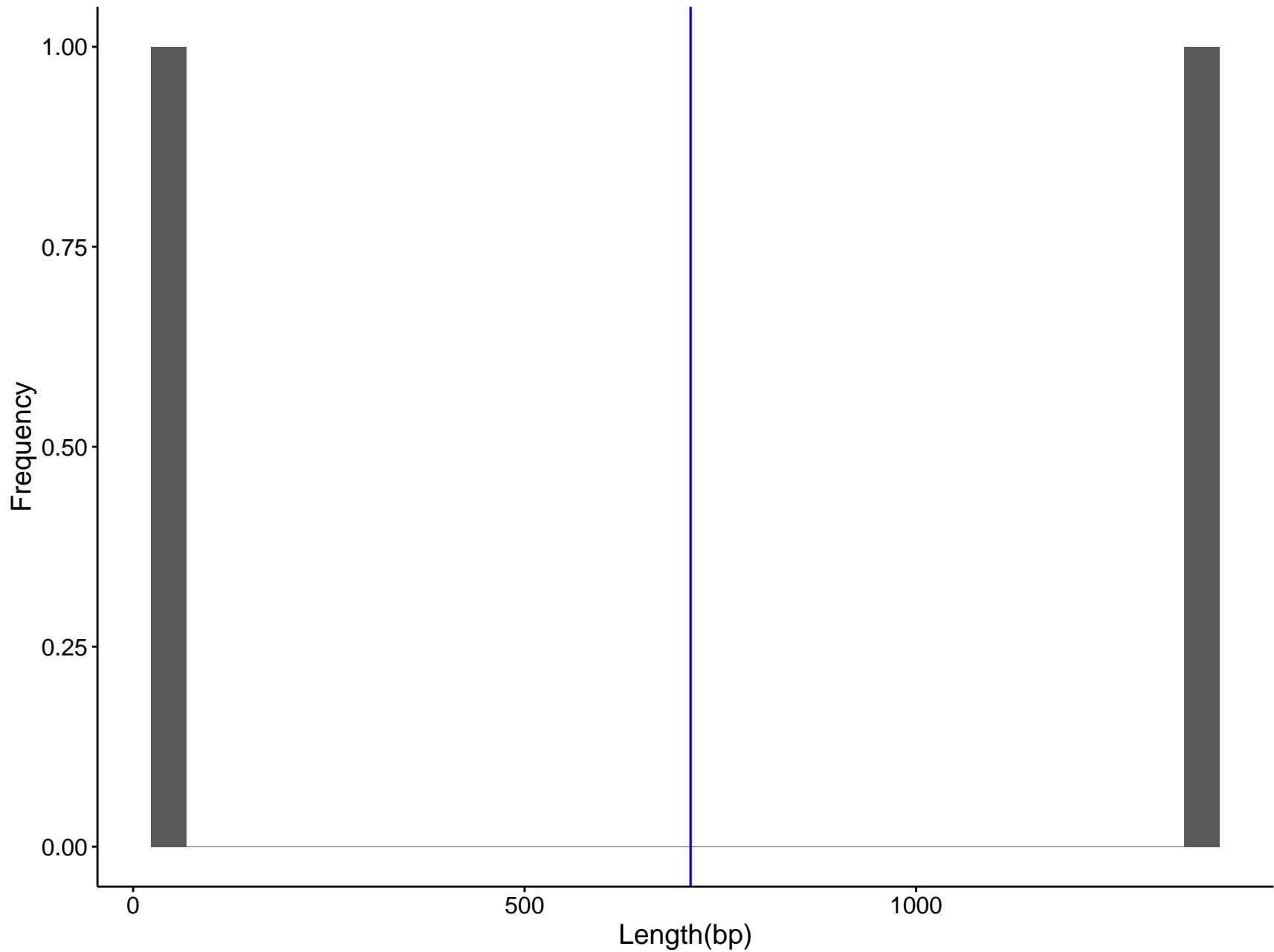
43.000

43.025

Length(bp)



Cluster1193



Cluster1194

Frequency

288.950

288.975

289.000

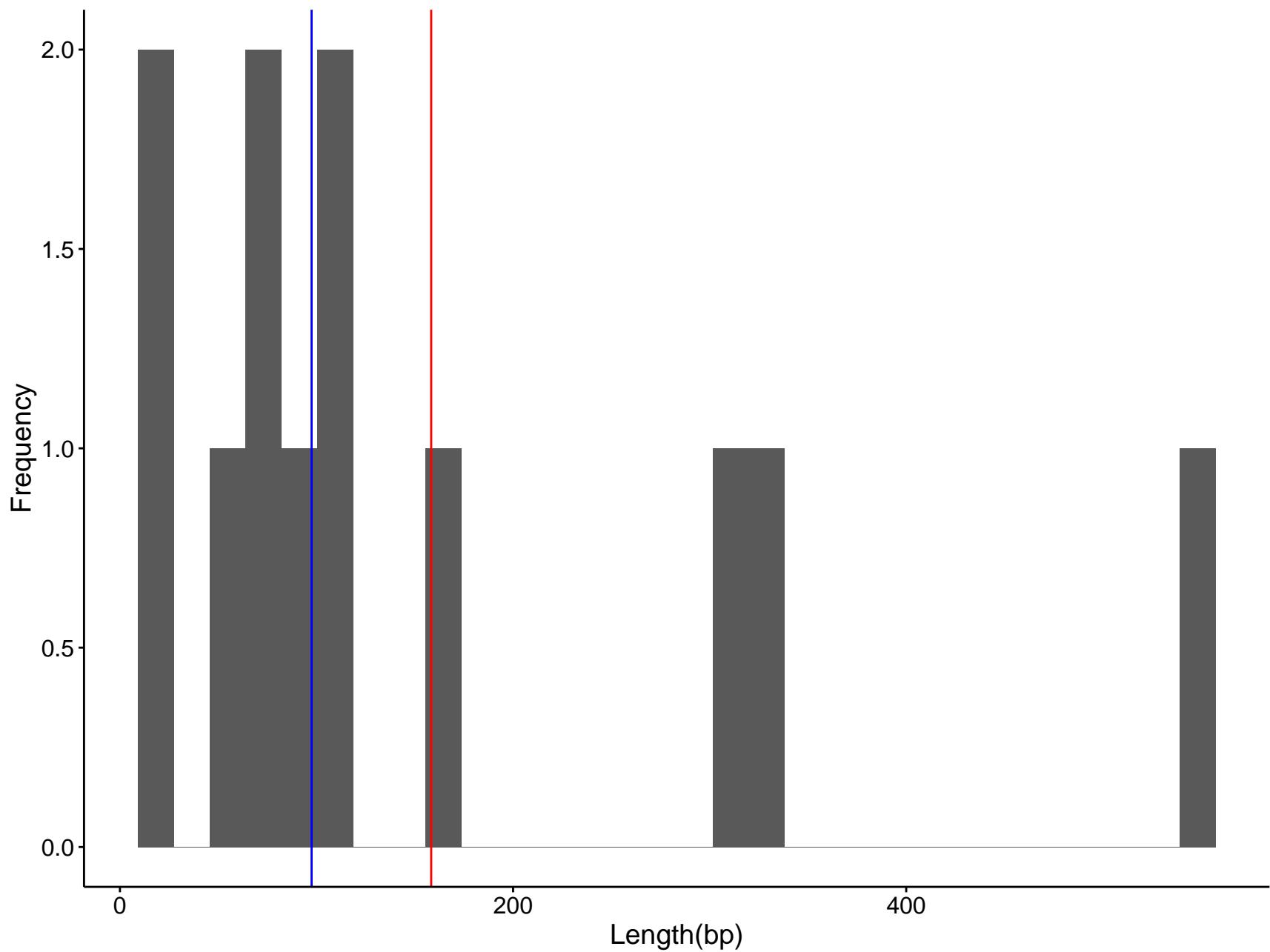
289.025

289.050

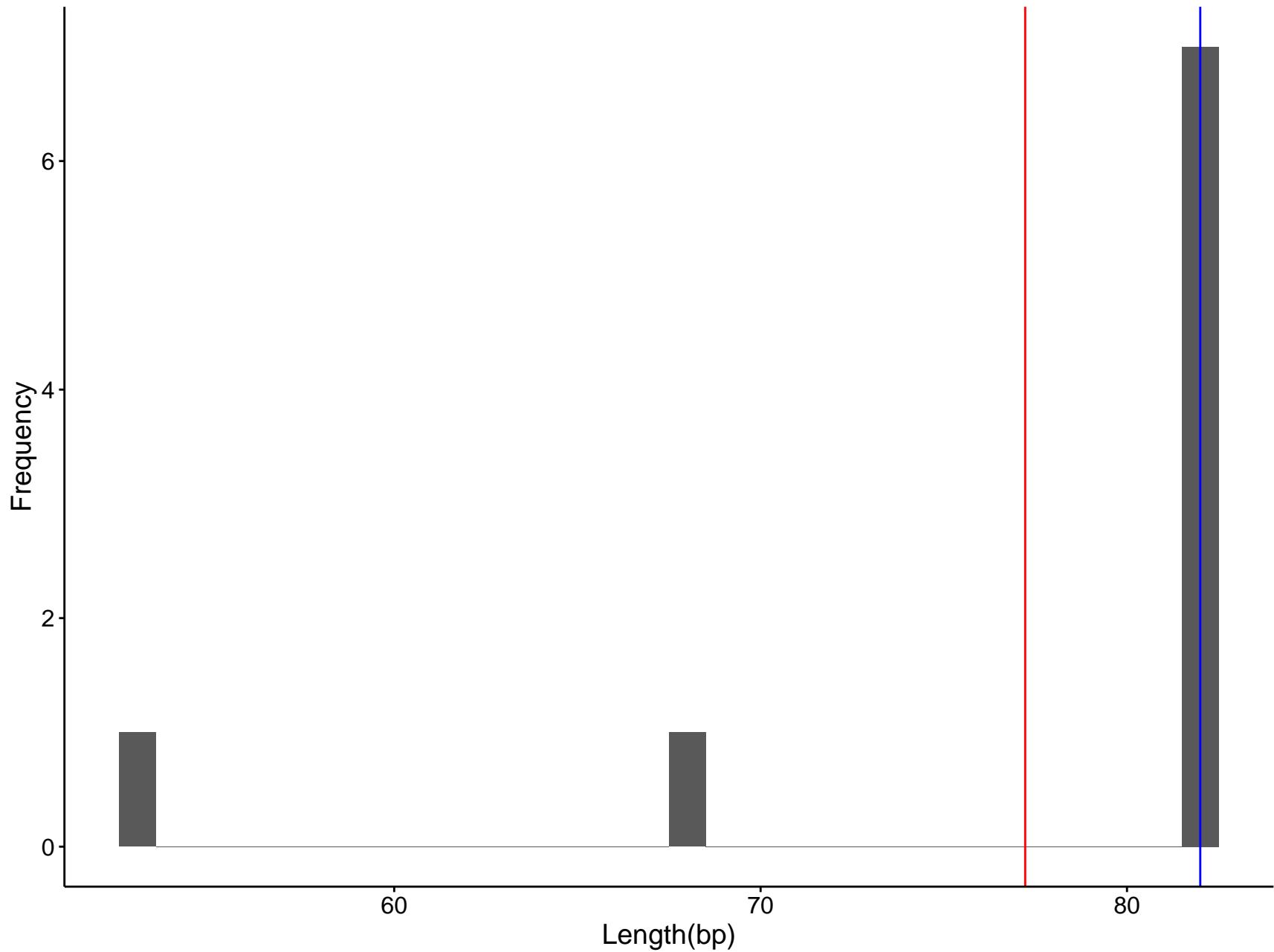
Length(bp)



Cluster1197



Cluster1198



Cluster119

Frequency

1823.950

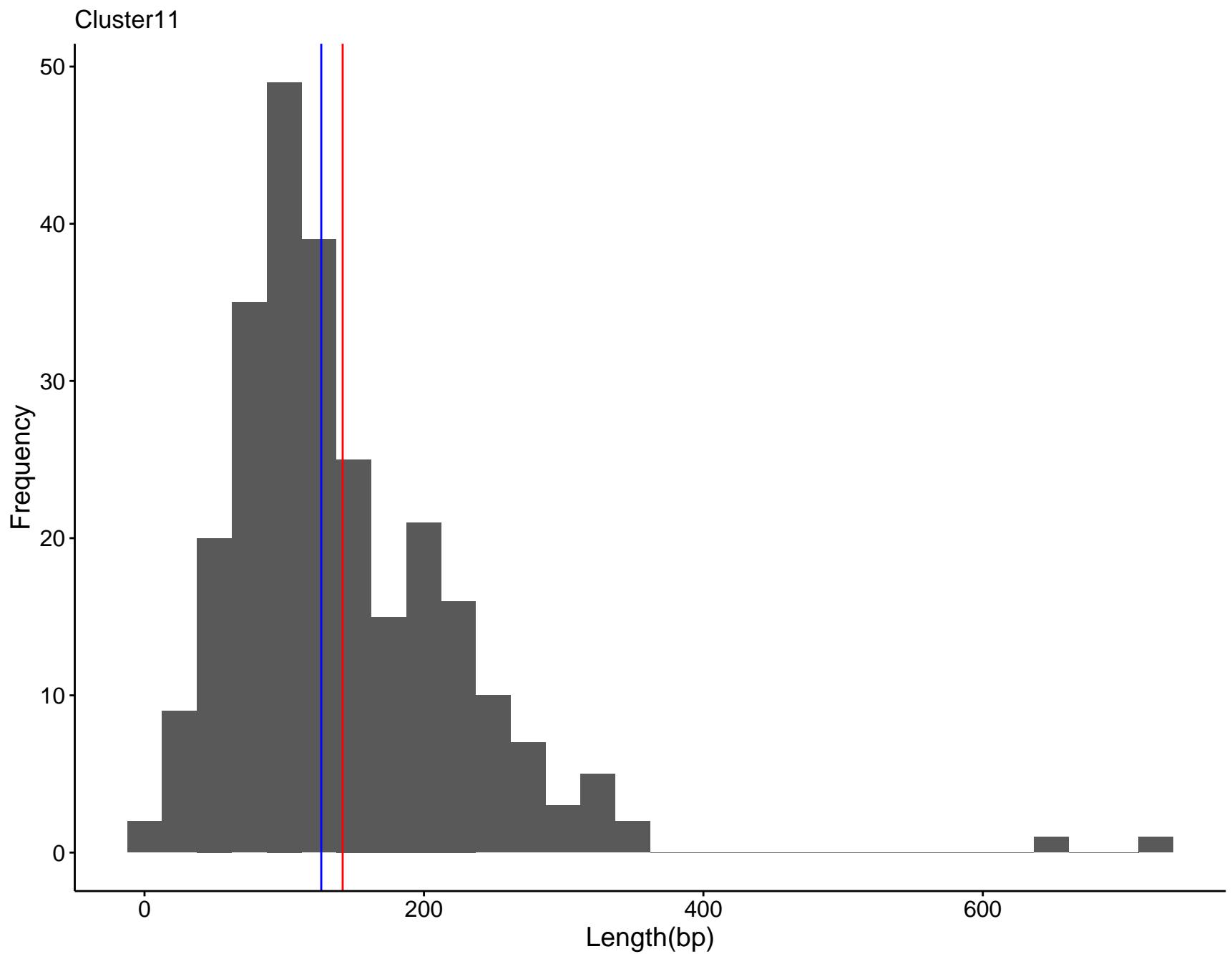
1823.975

1824.000
Length(bp)

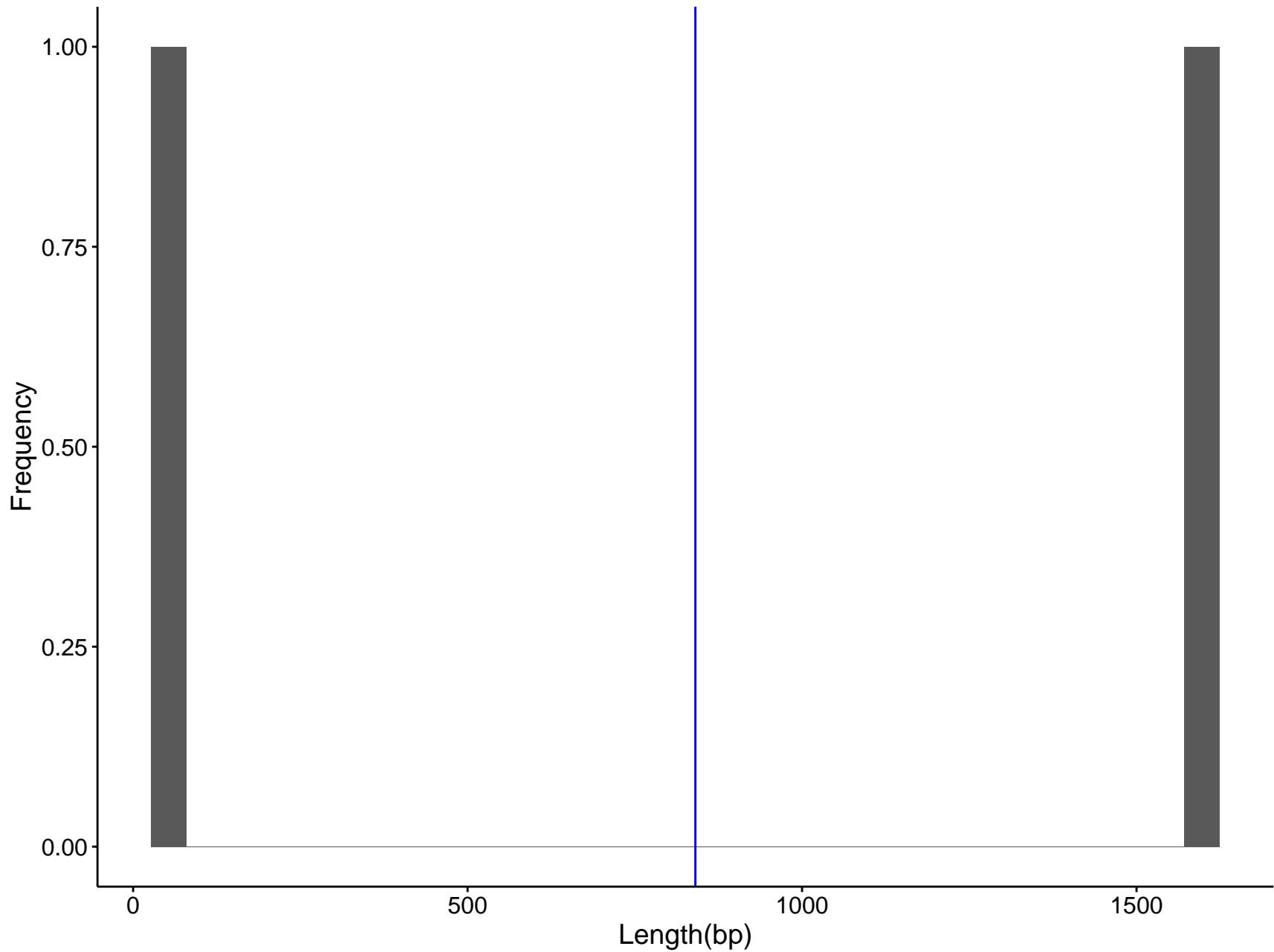
1824.025

1824.

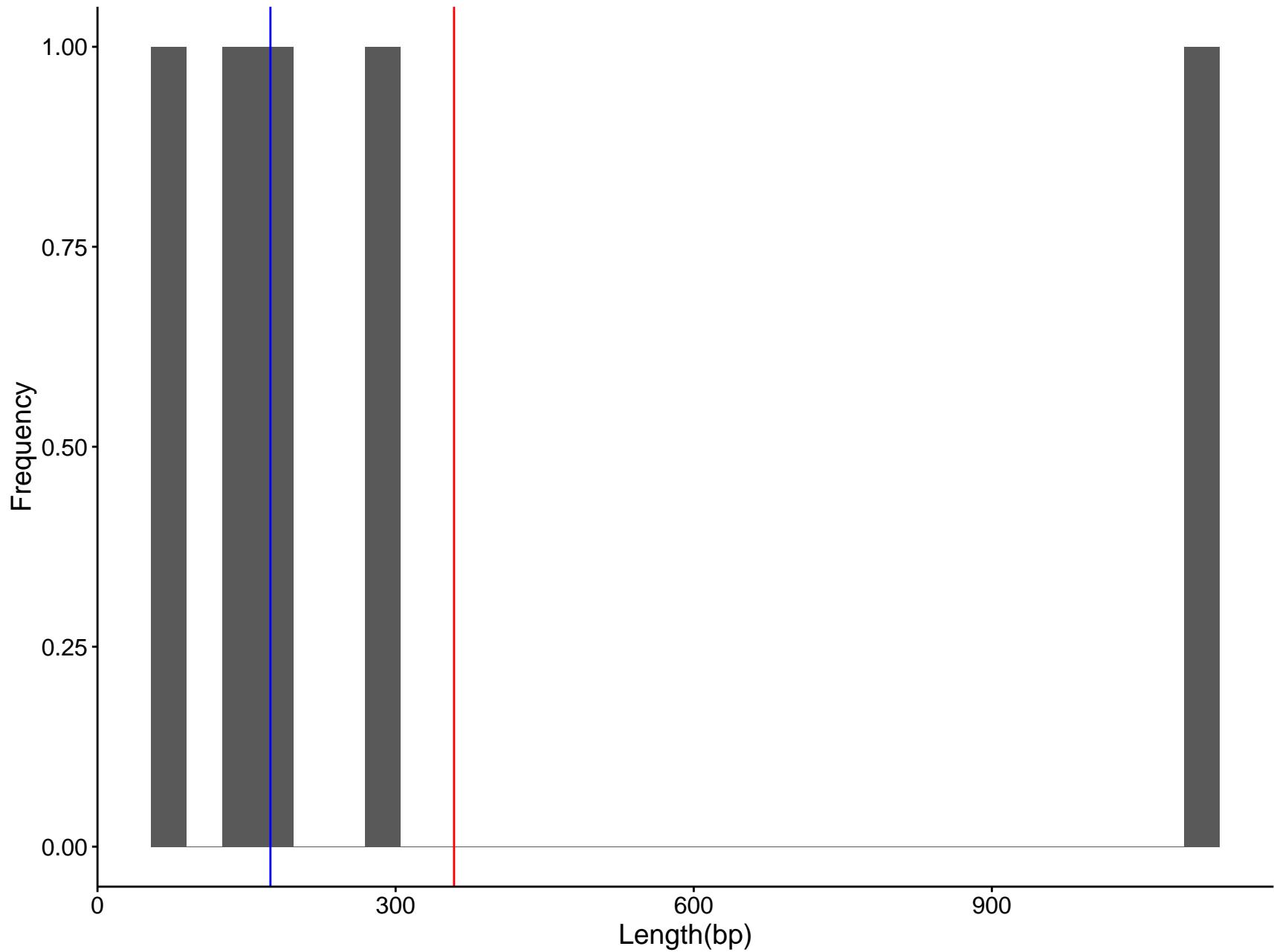




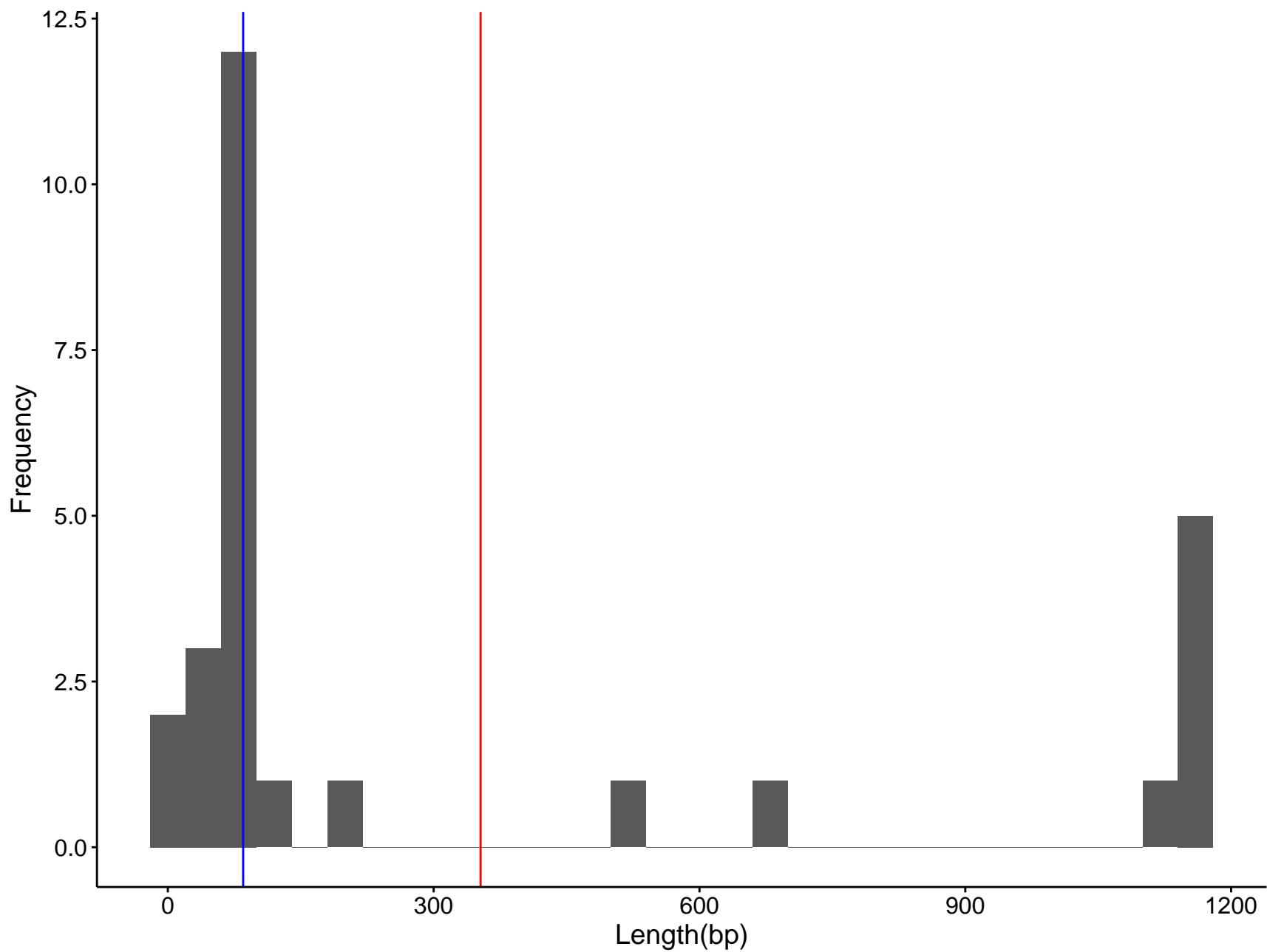
Cluster1200



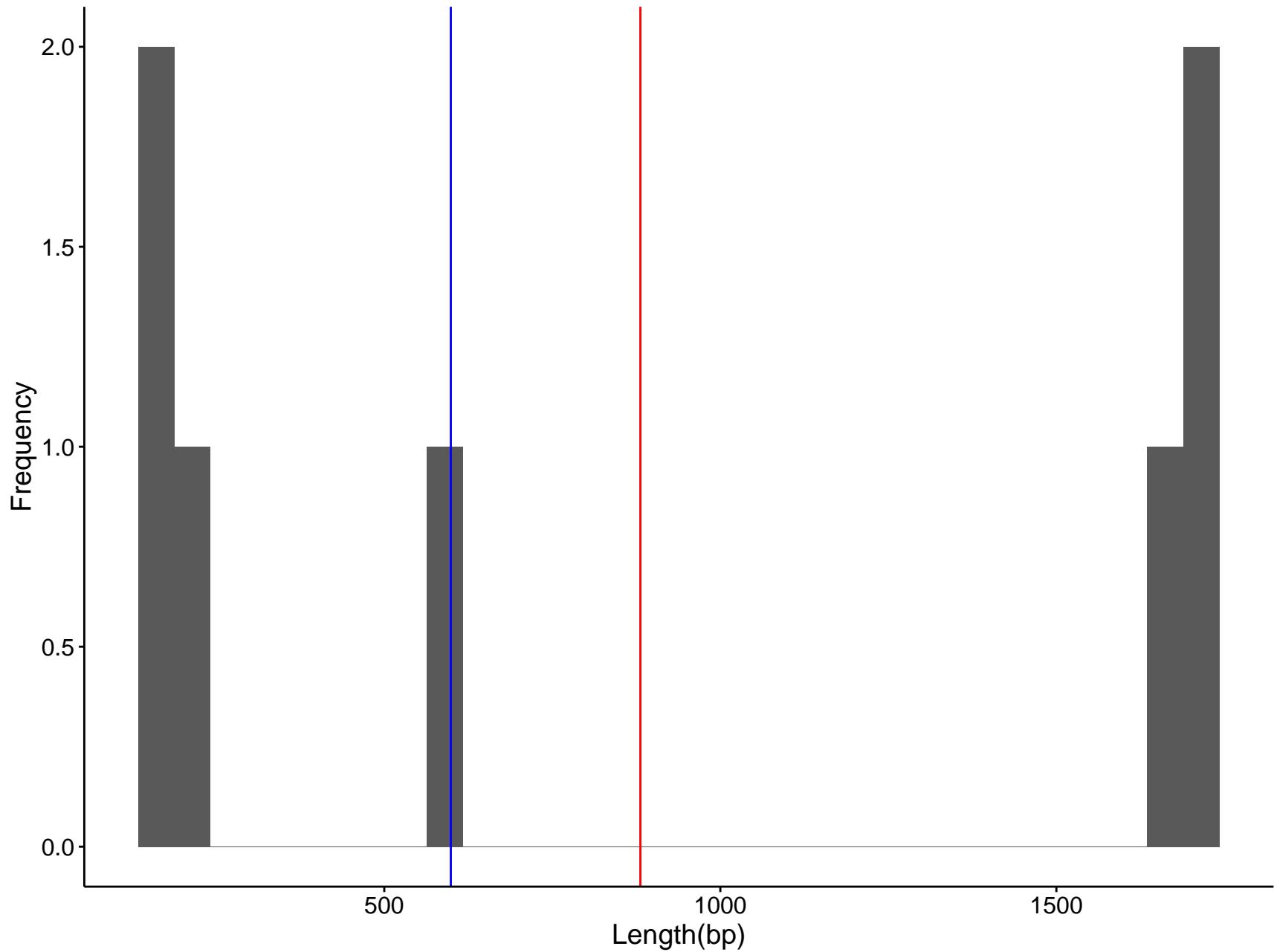
Cluster1202



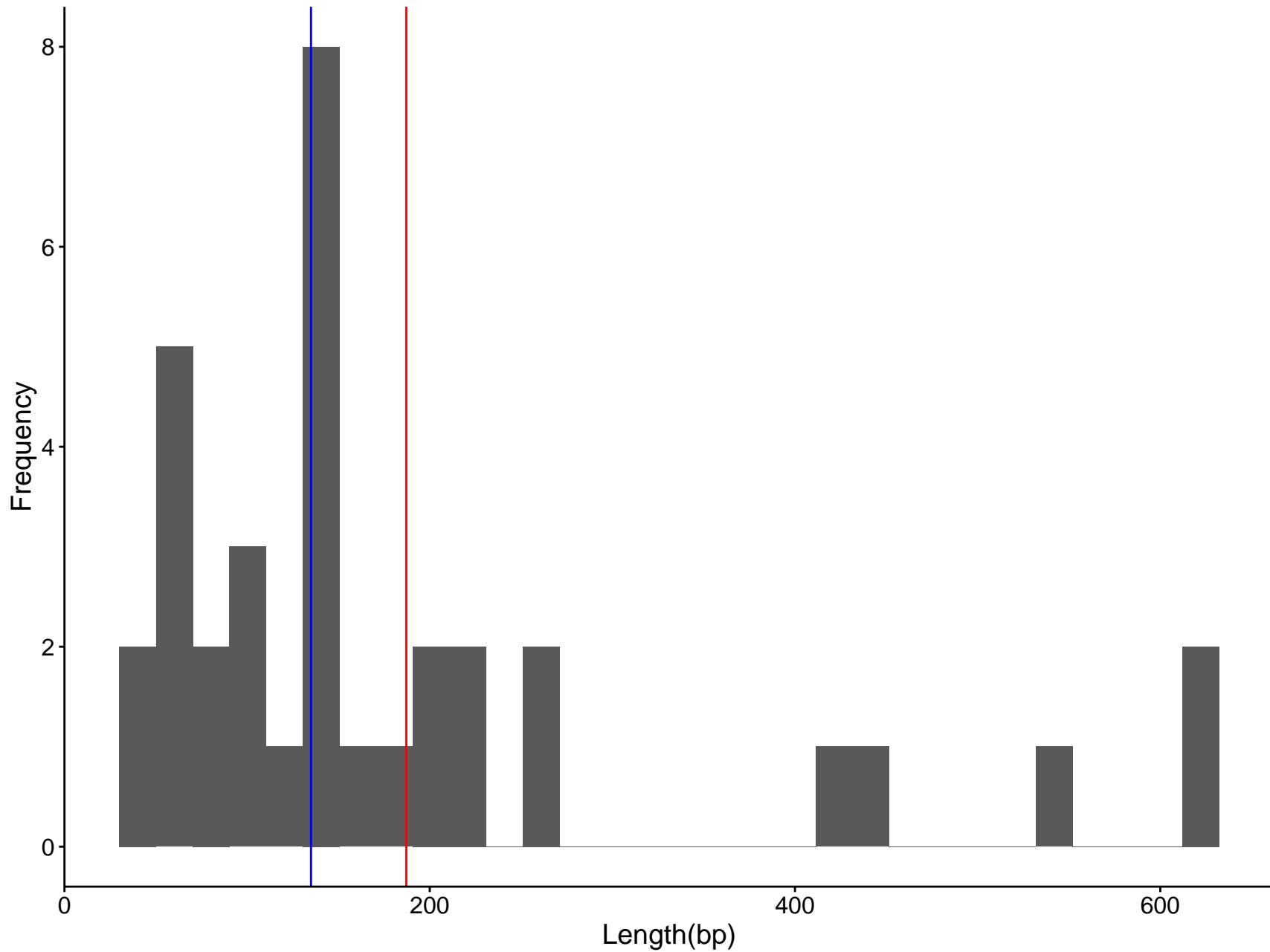
Cluster1203



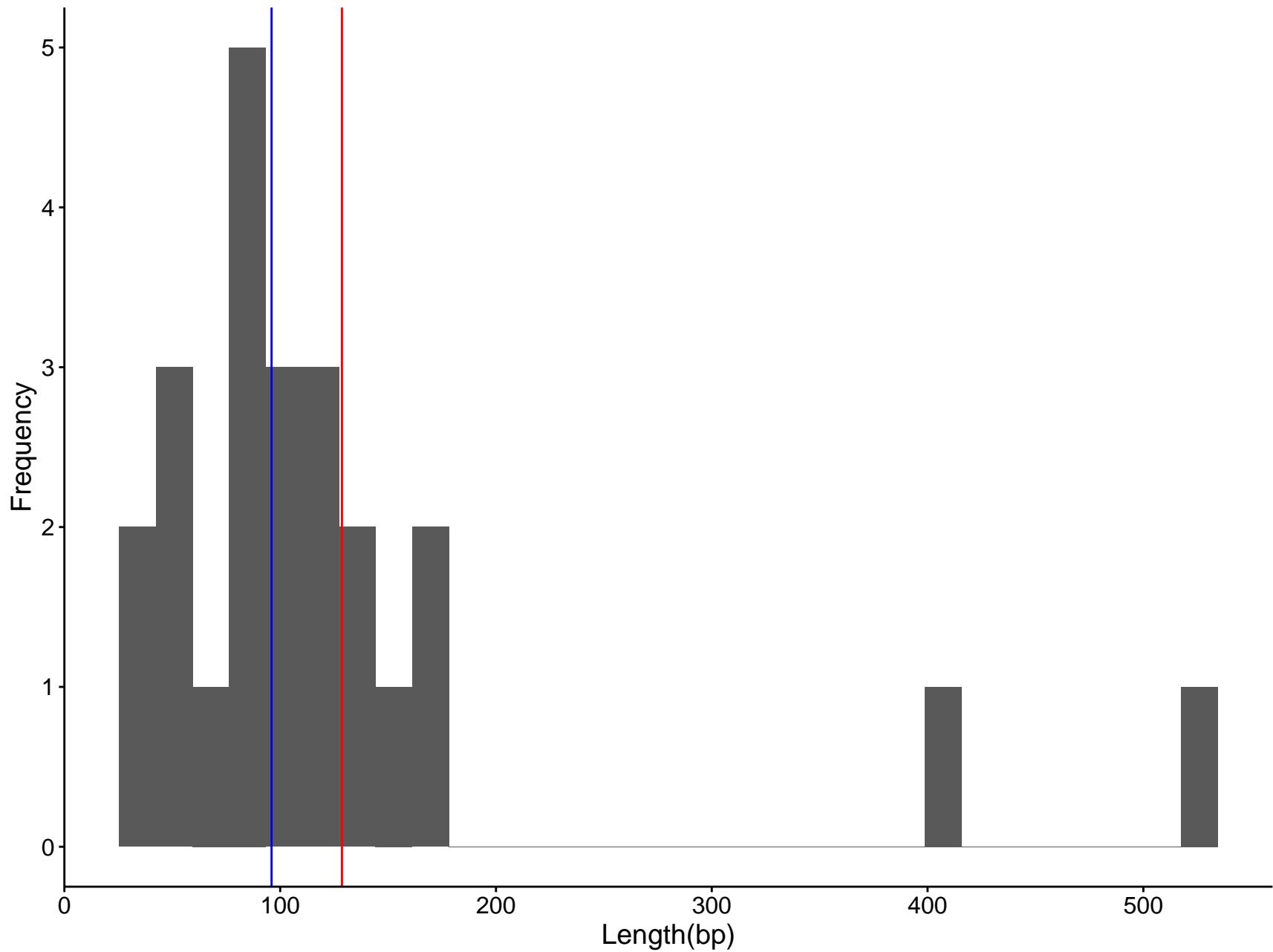
Cluster1204



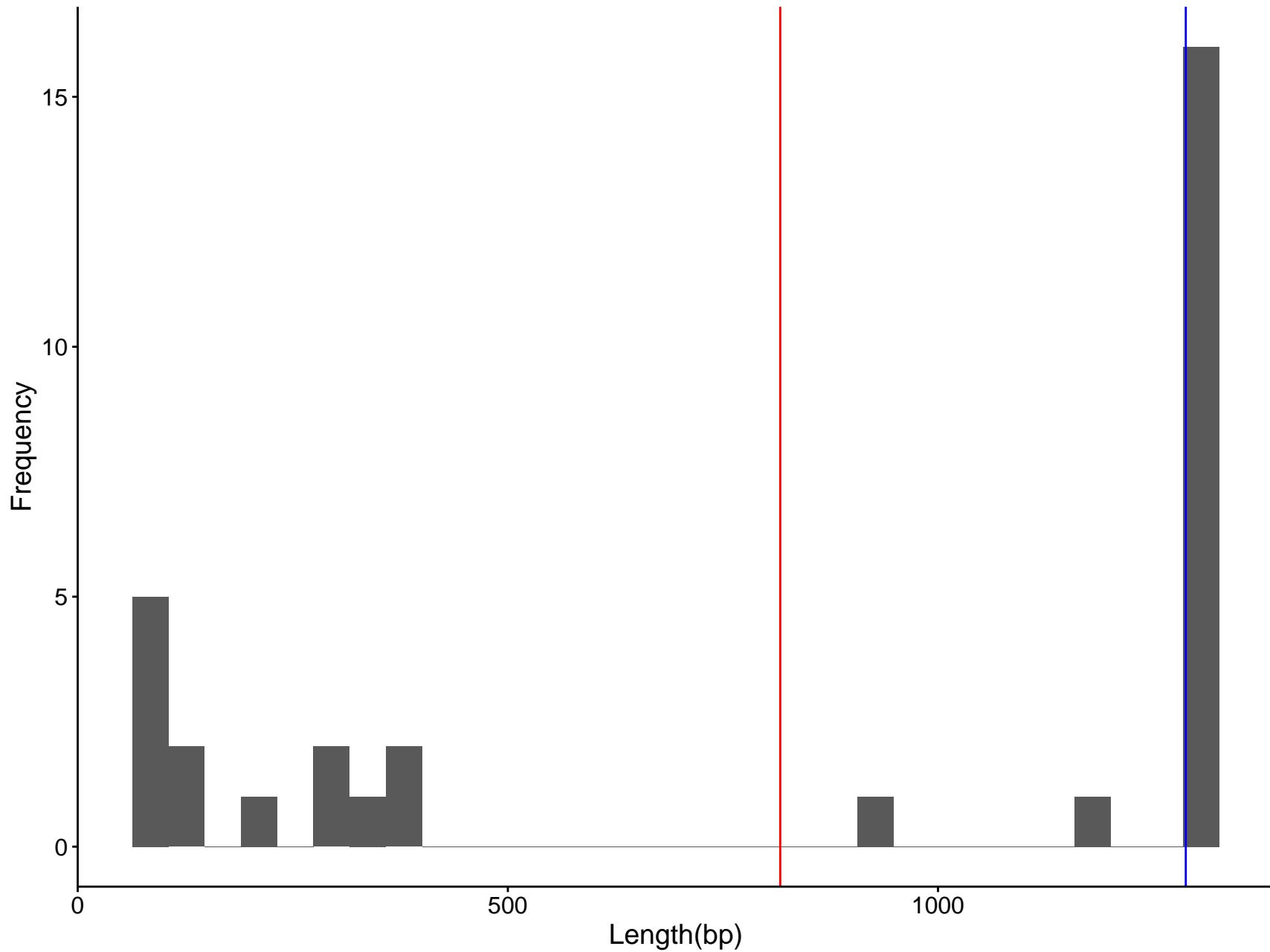
Cluster1205



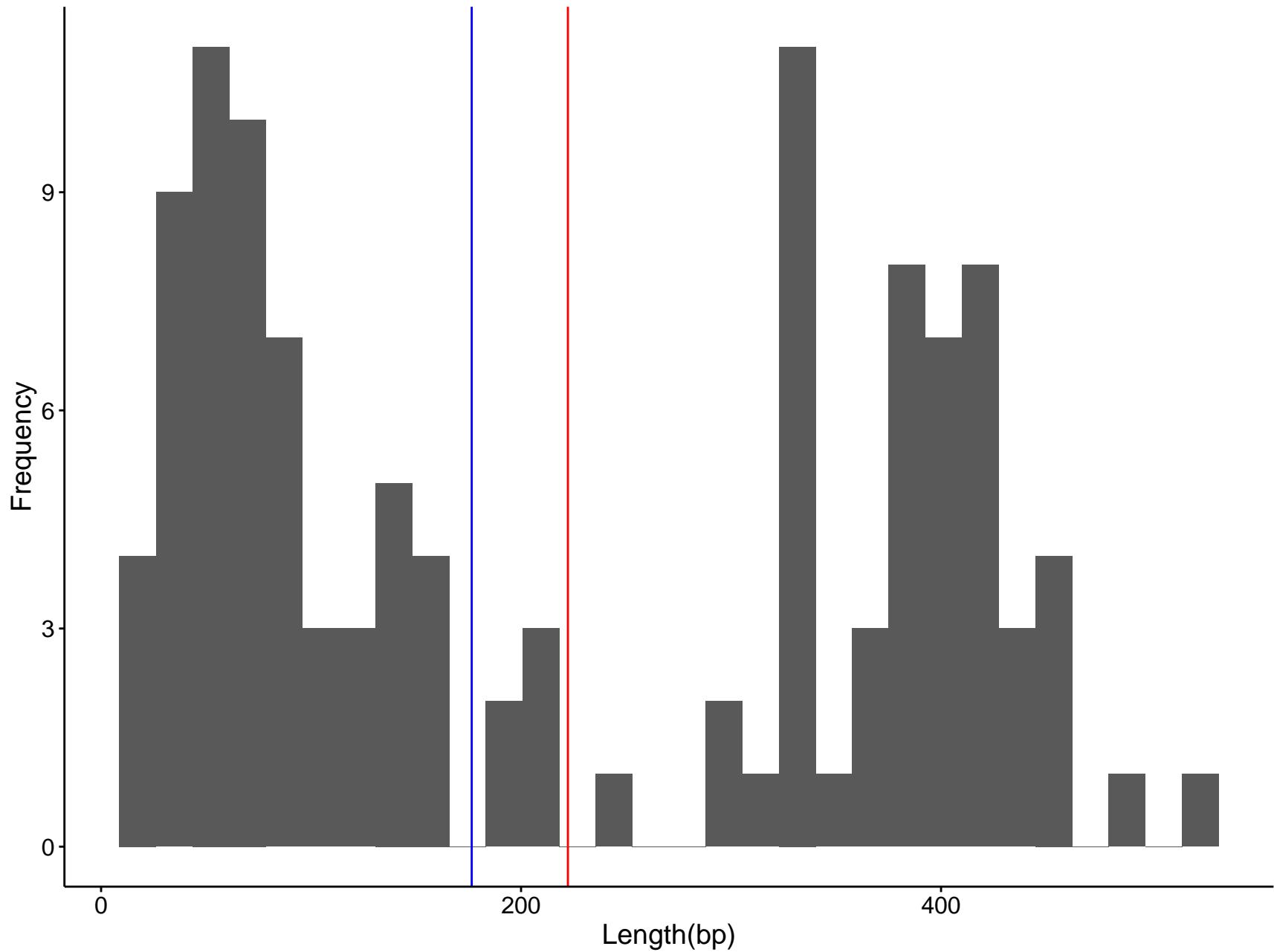
Cluster1206



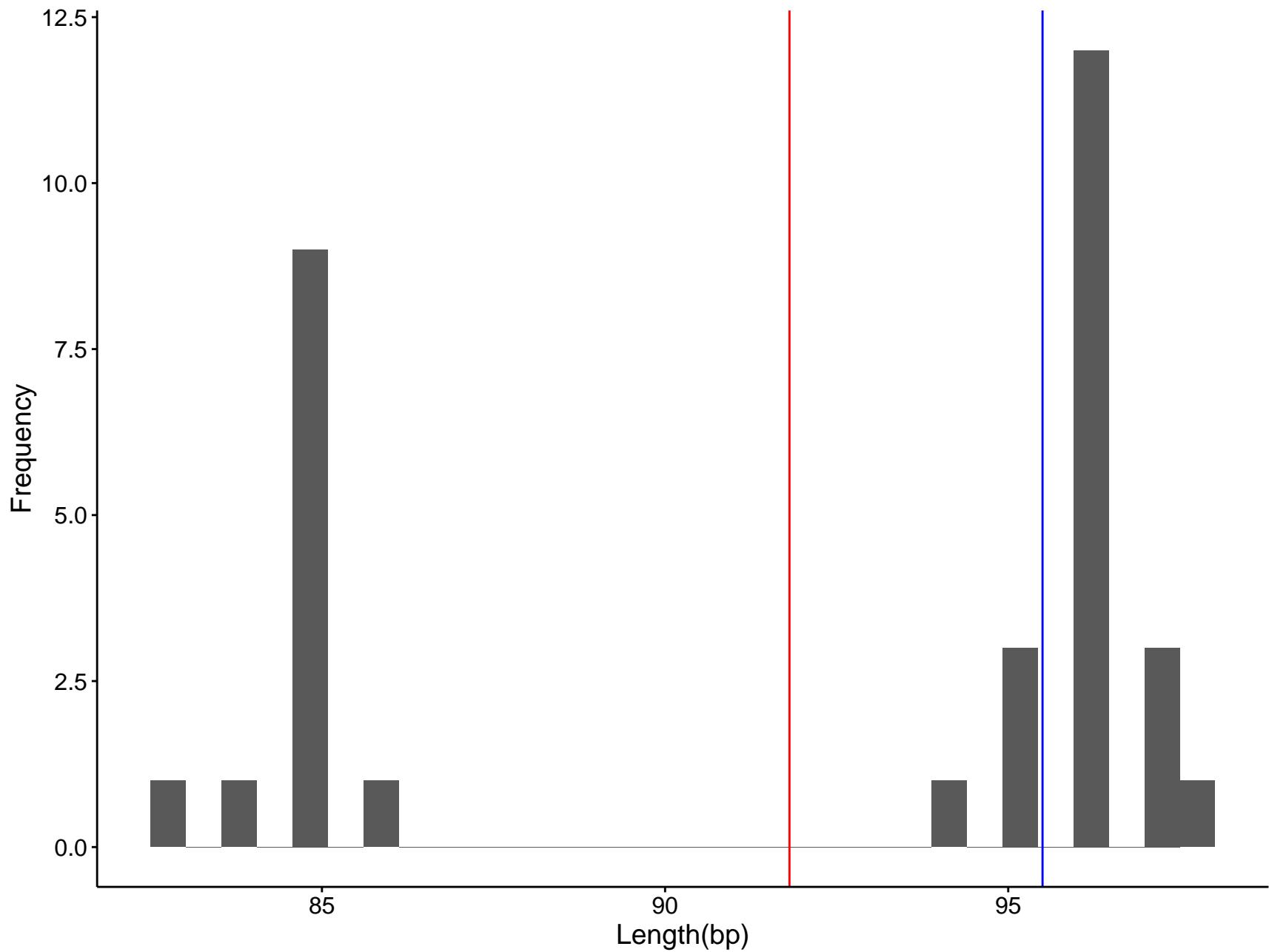
Cluster1207



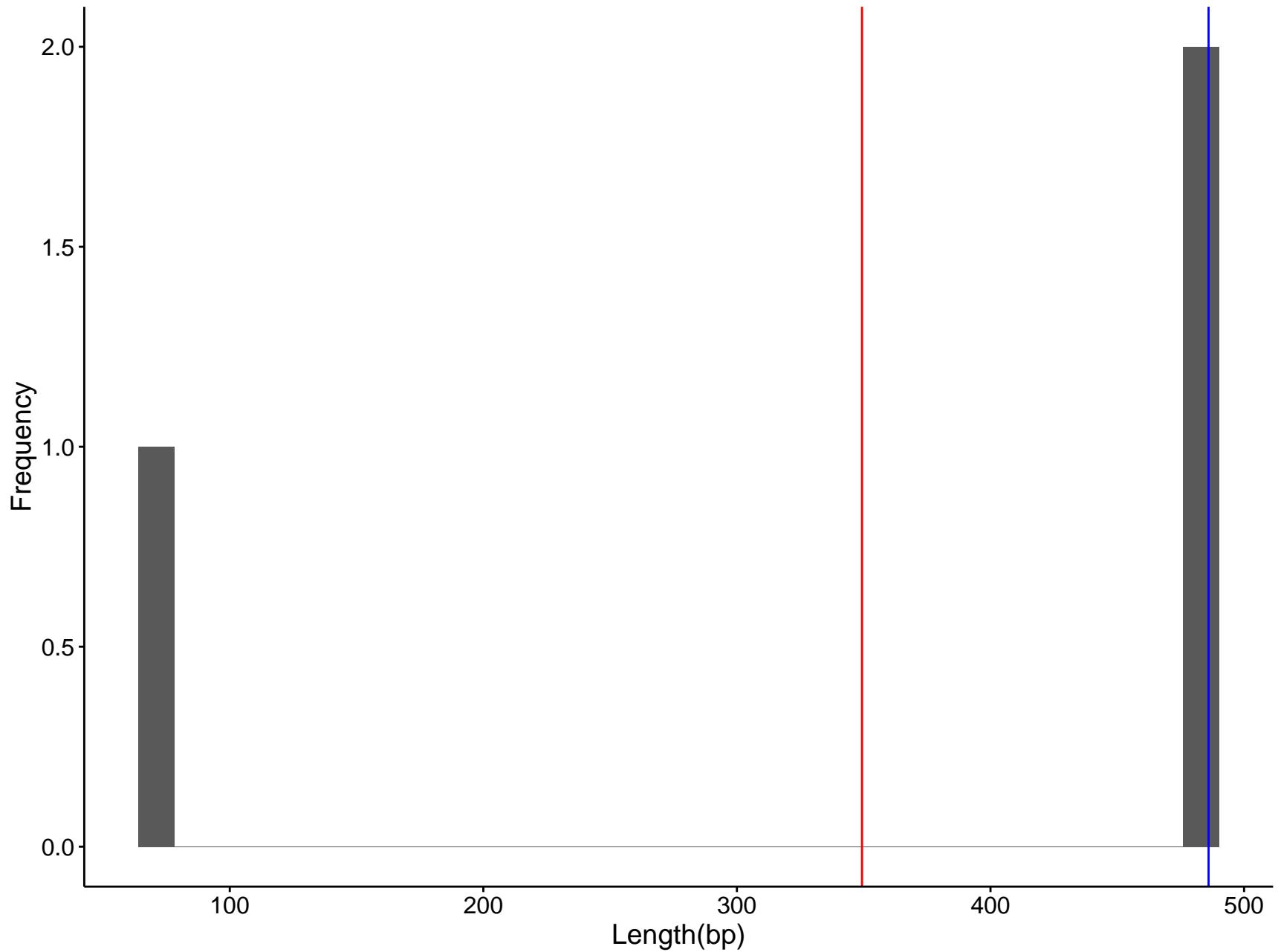
Cluster1208



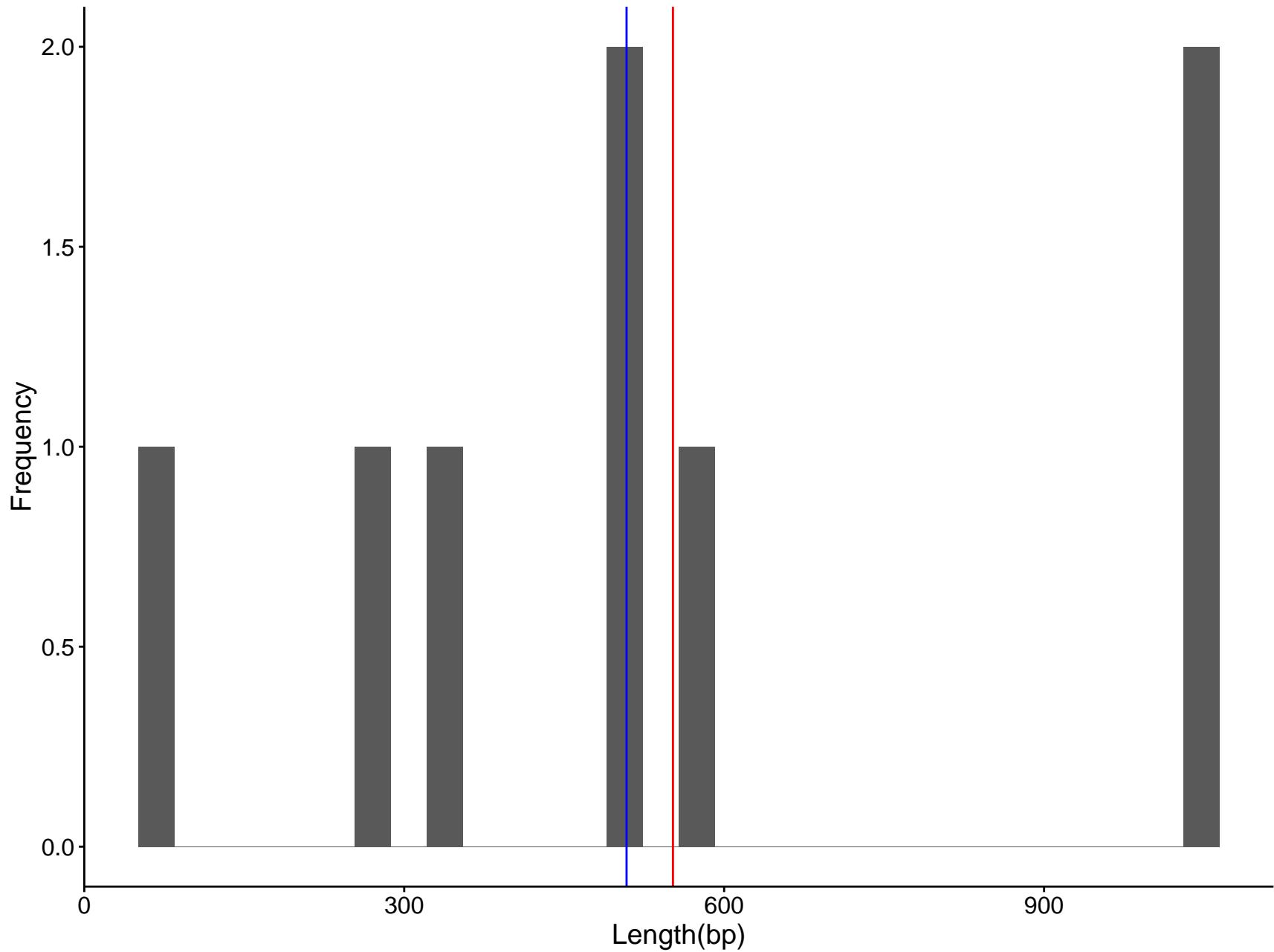
Cluster1209



Cluster120



Cluster1210



Cluster1211

Frequency

156.950

156.975

157.000

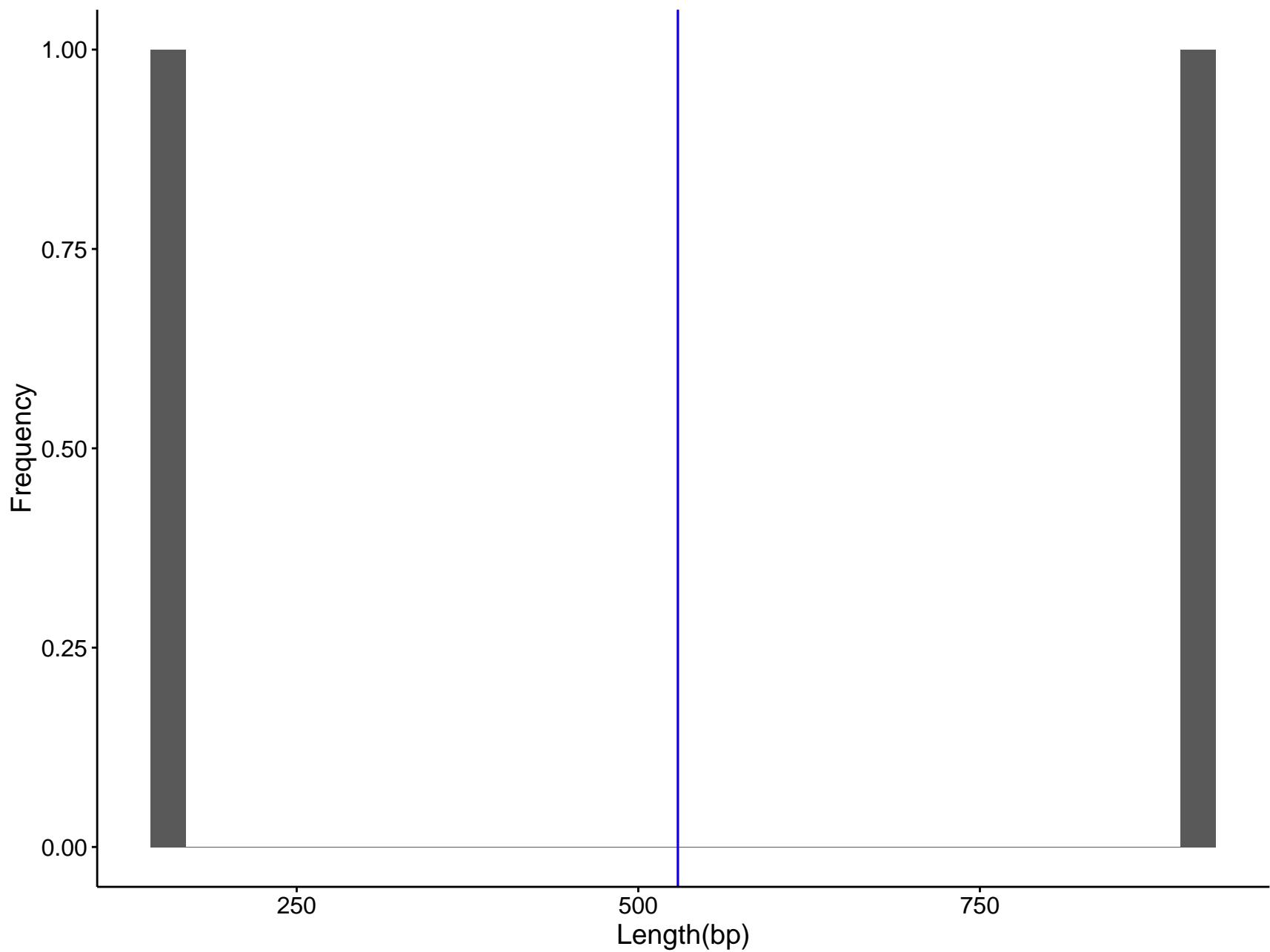
157.025

157.050

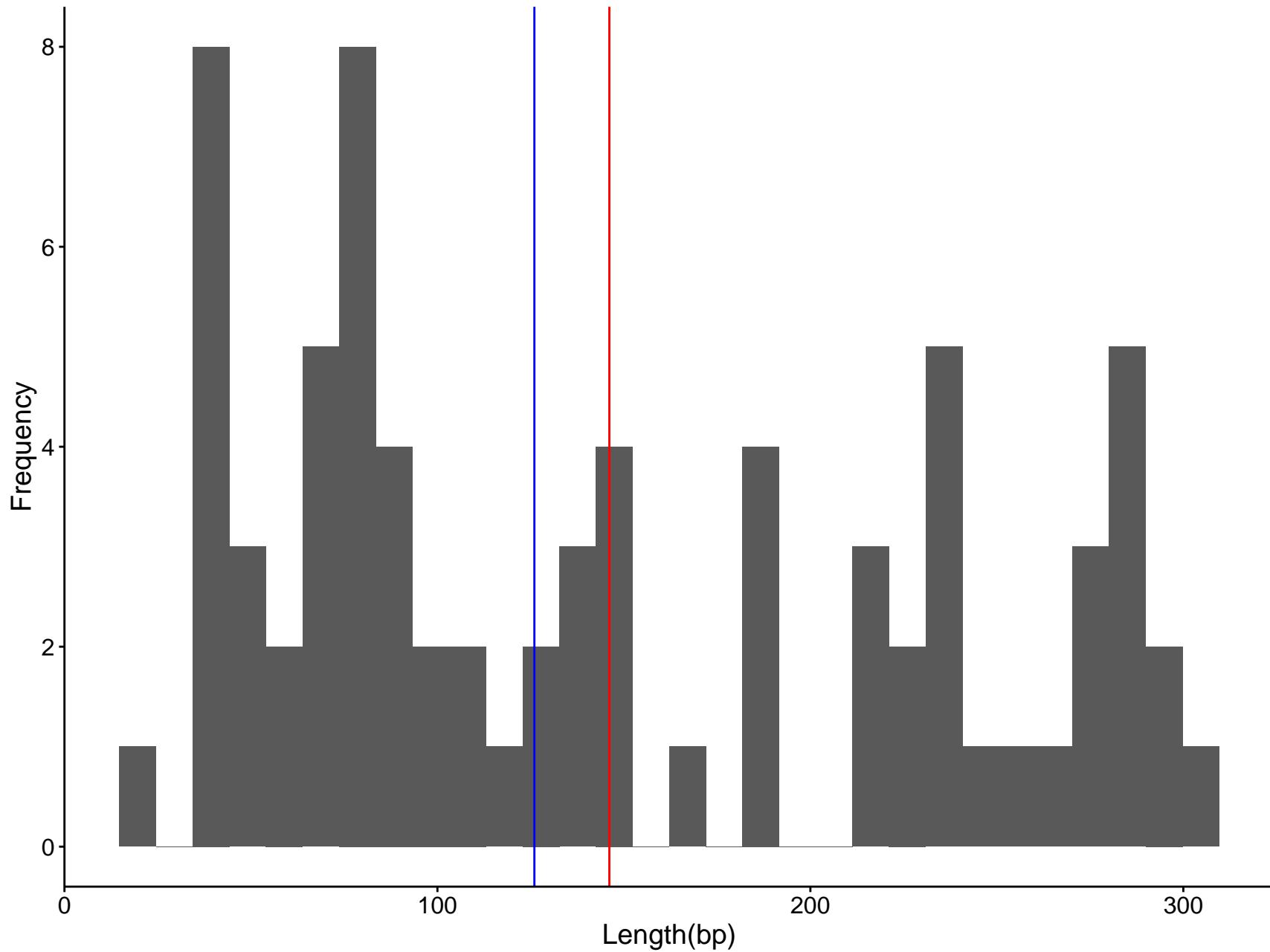
Length(bp)



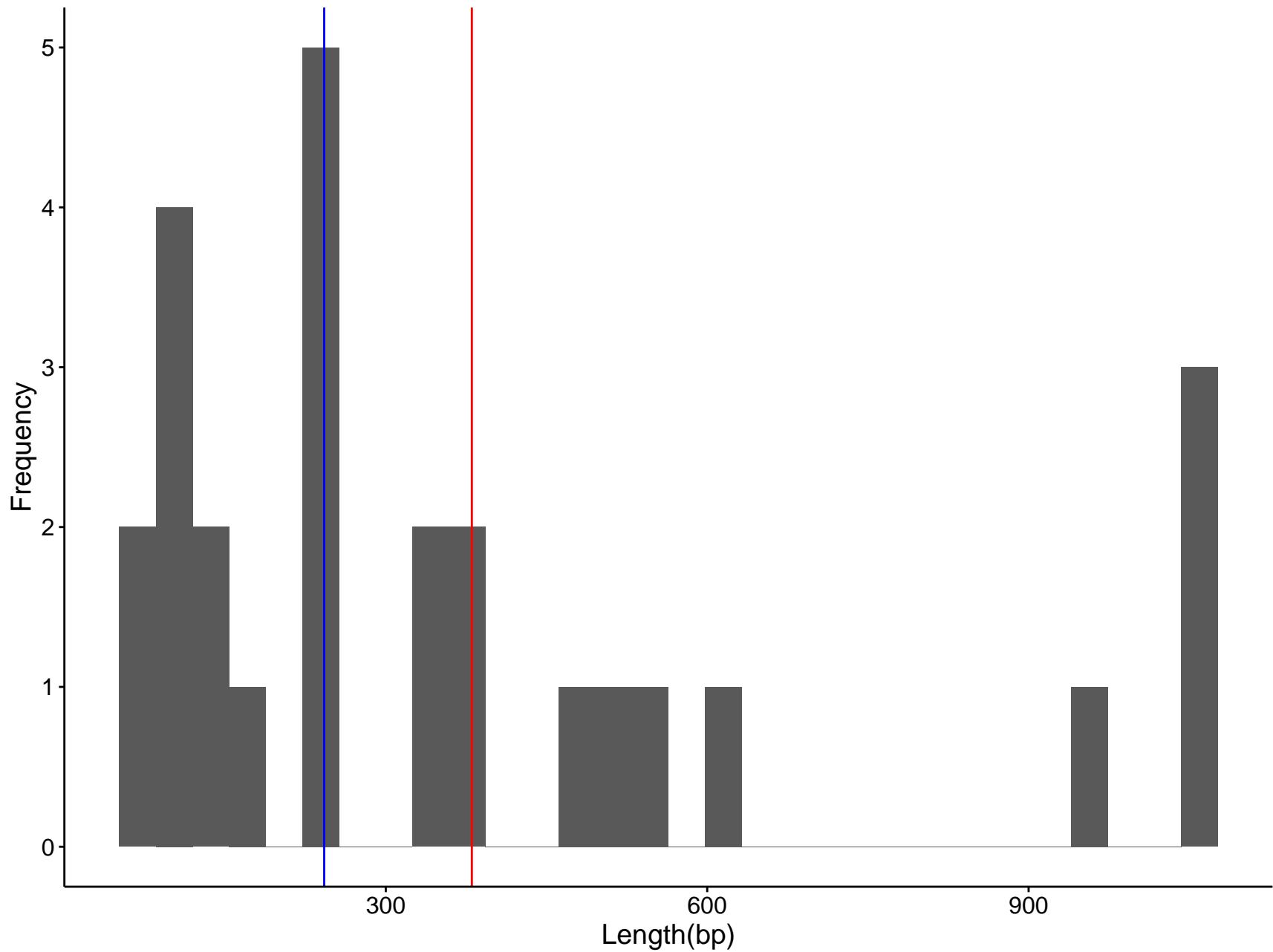
Cluster1212



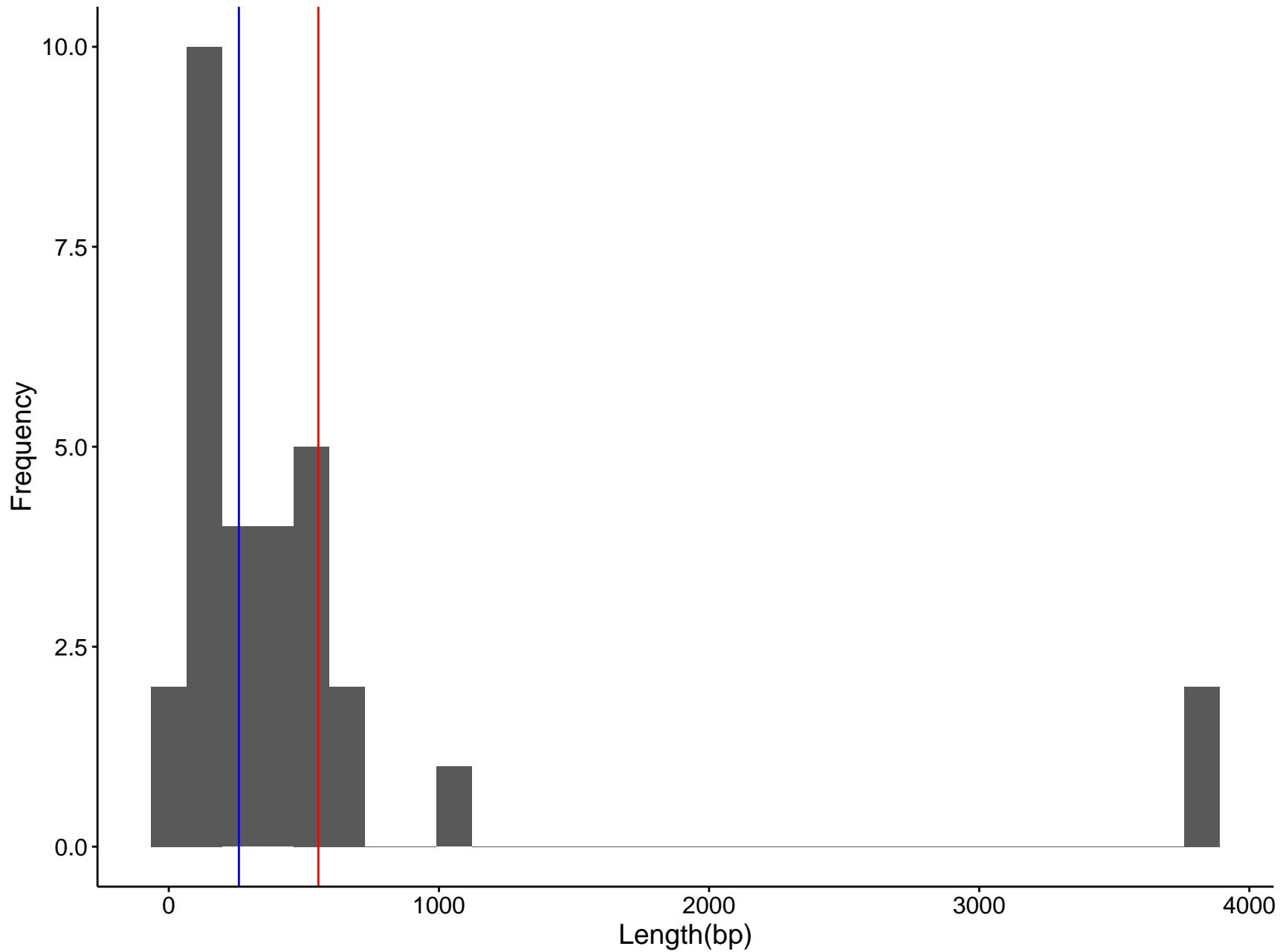
Cluster1213



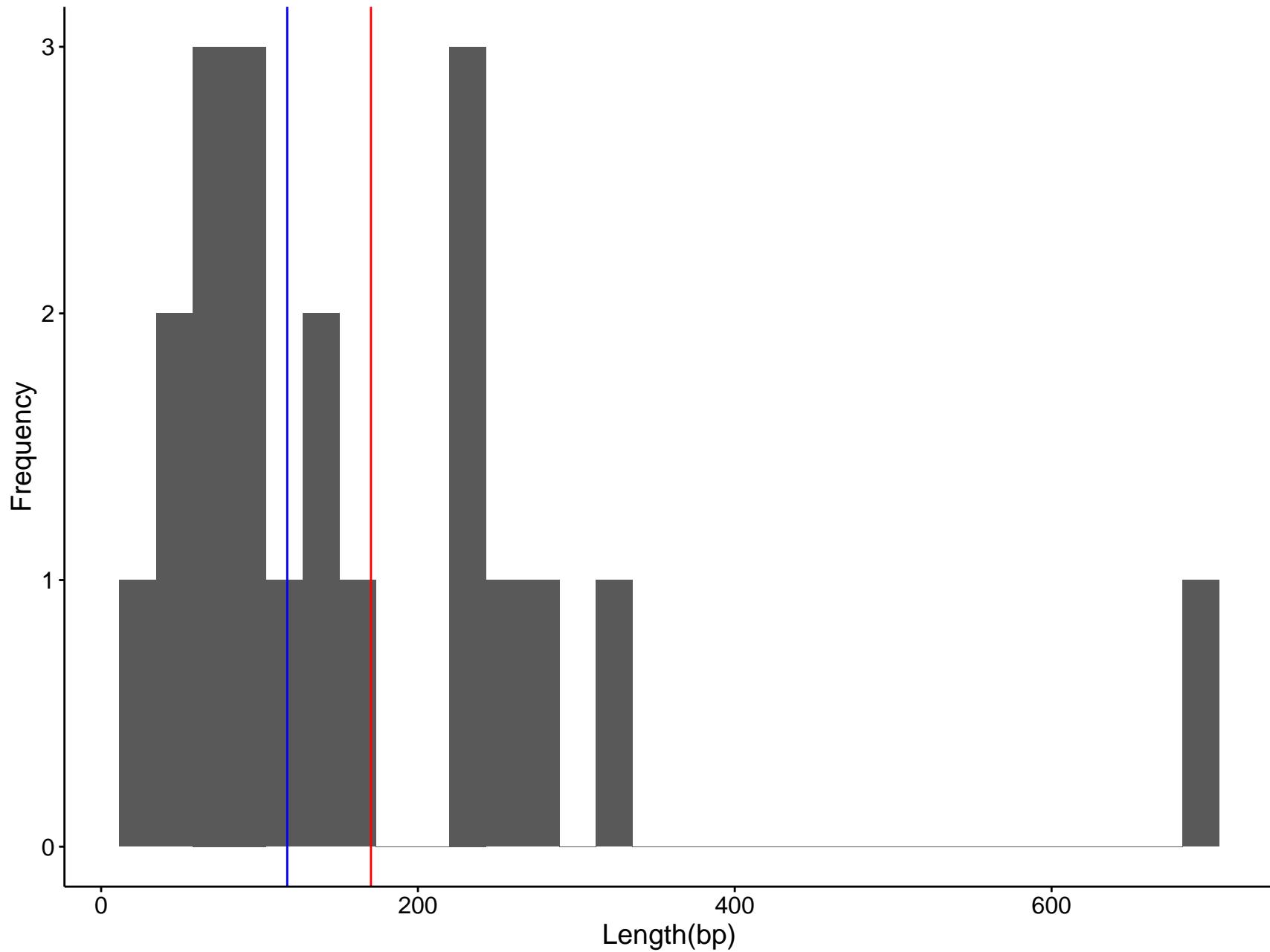
Cluster1214



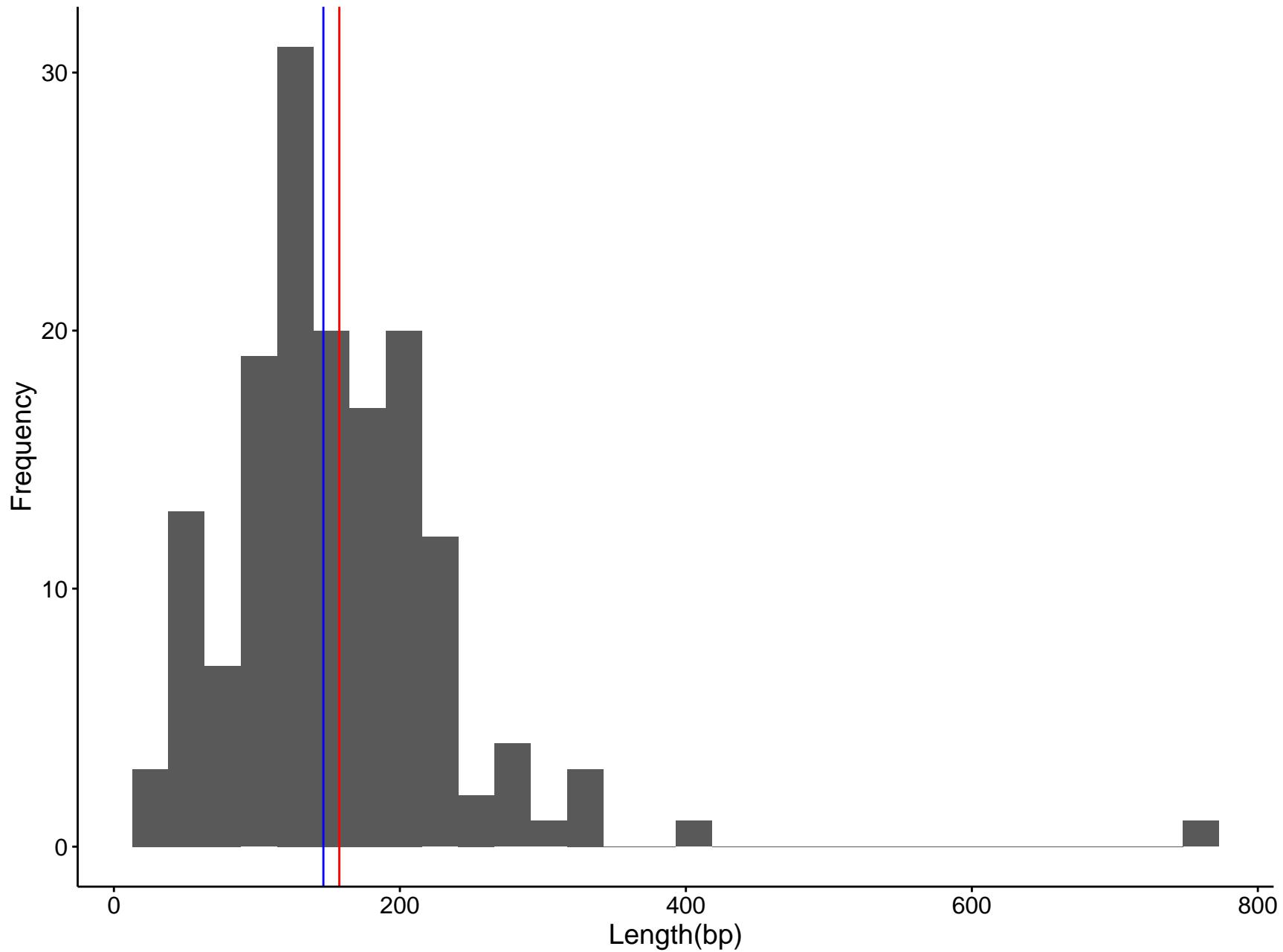
Cluster1215



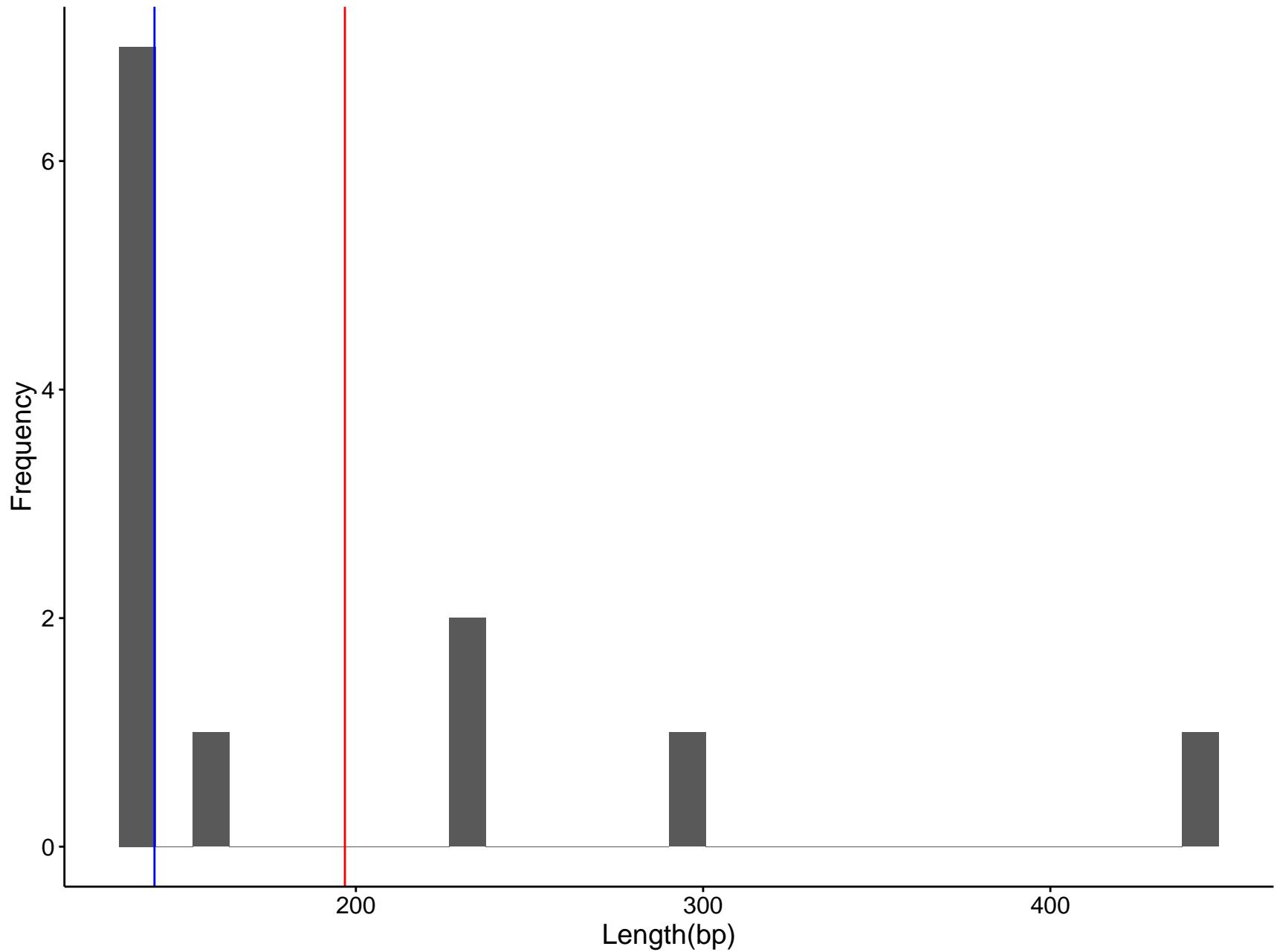
Cluster1216



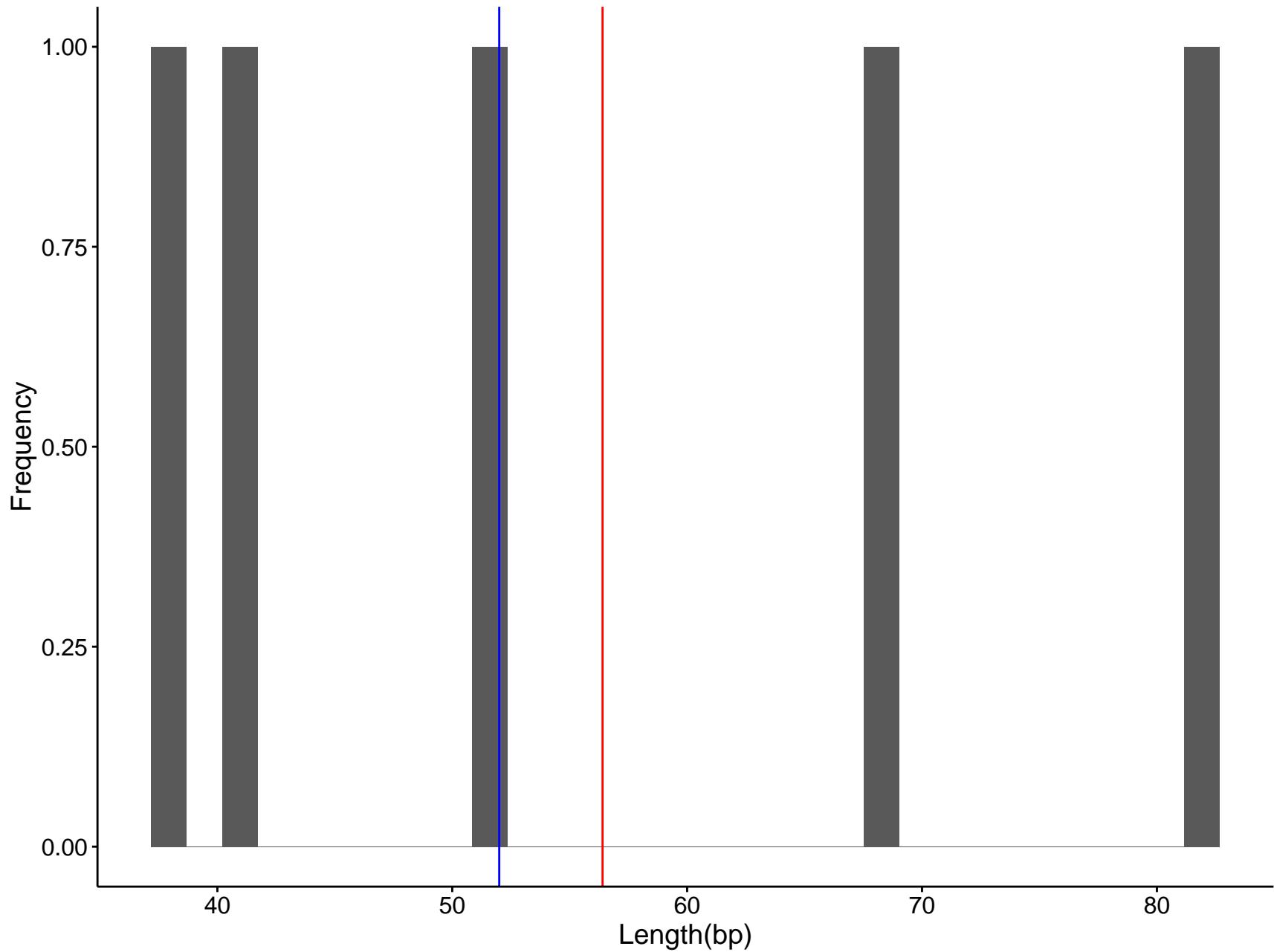
Cluster1218



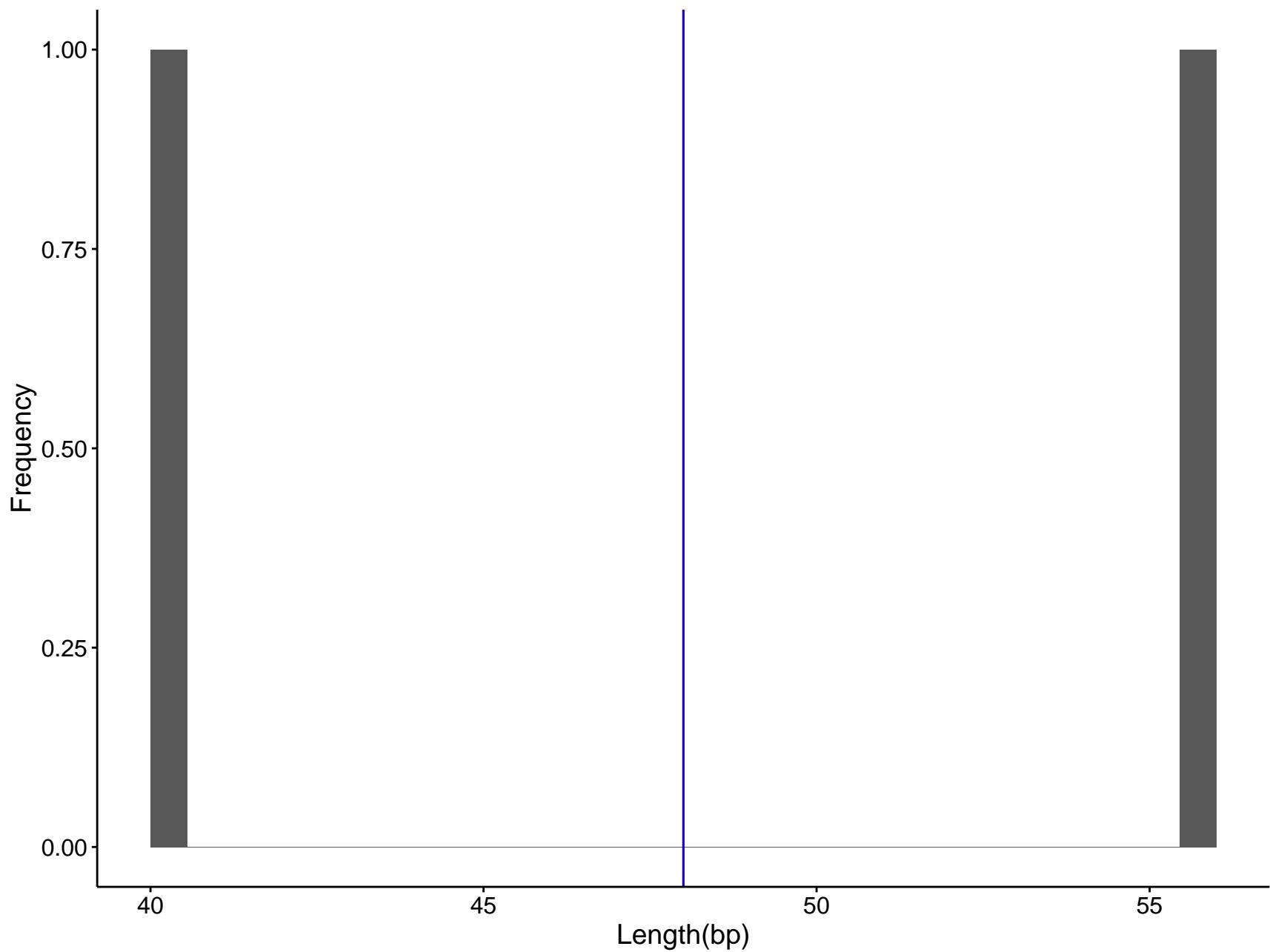
Cluster121



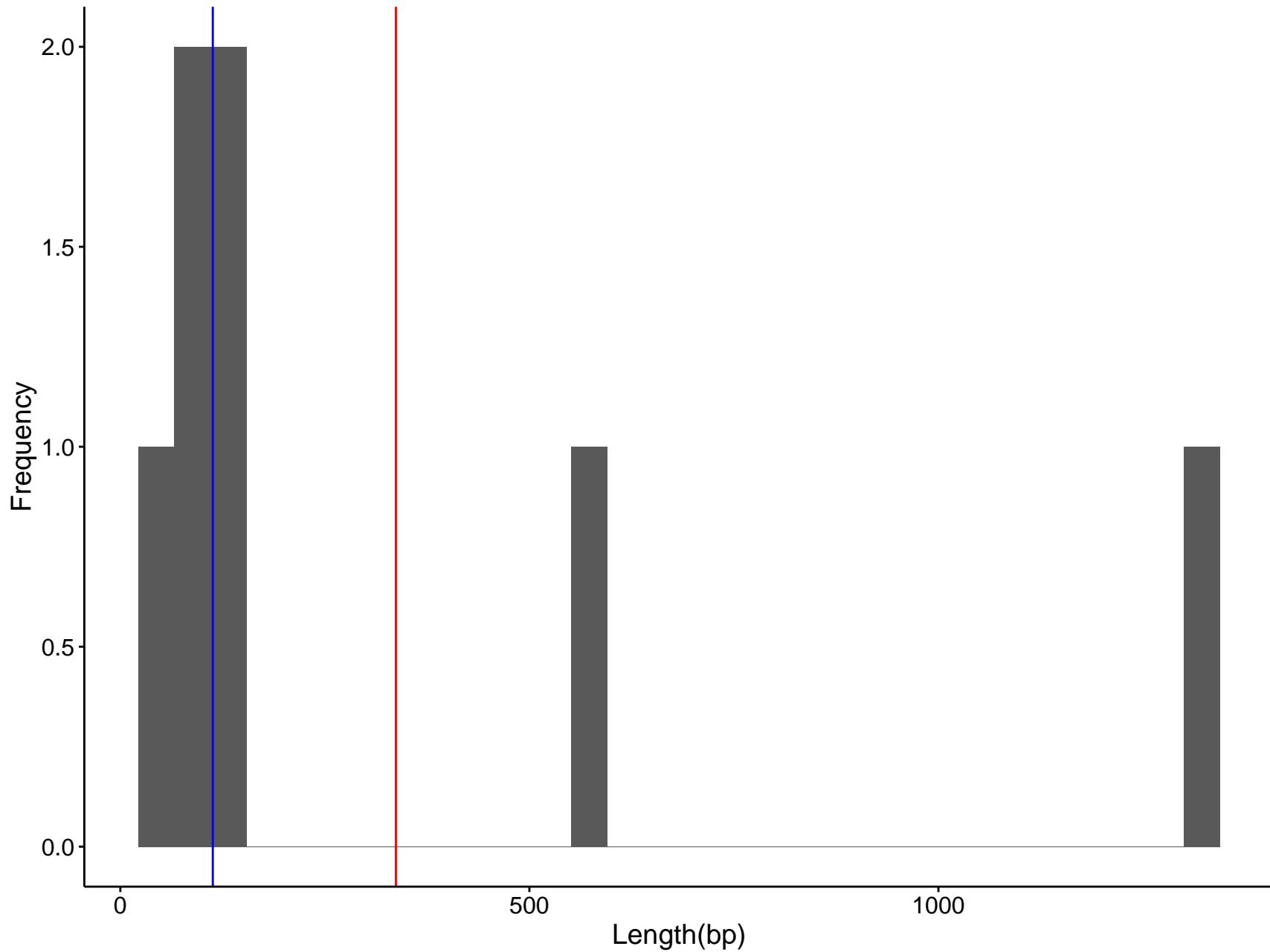
Cluster1225



Cluster1226



Cluster122



Cluster1230

Frequency

80.950

80.975

81.000

81.025

81.0

Length(bp)



Cluster1231

Frequency

127.950

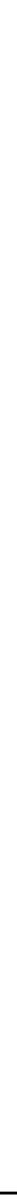
127.975

128.000

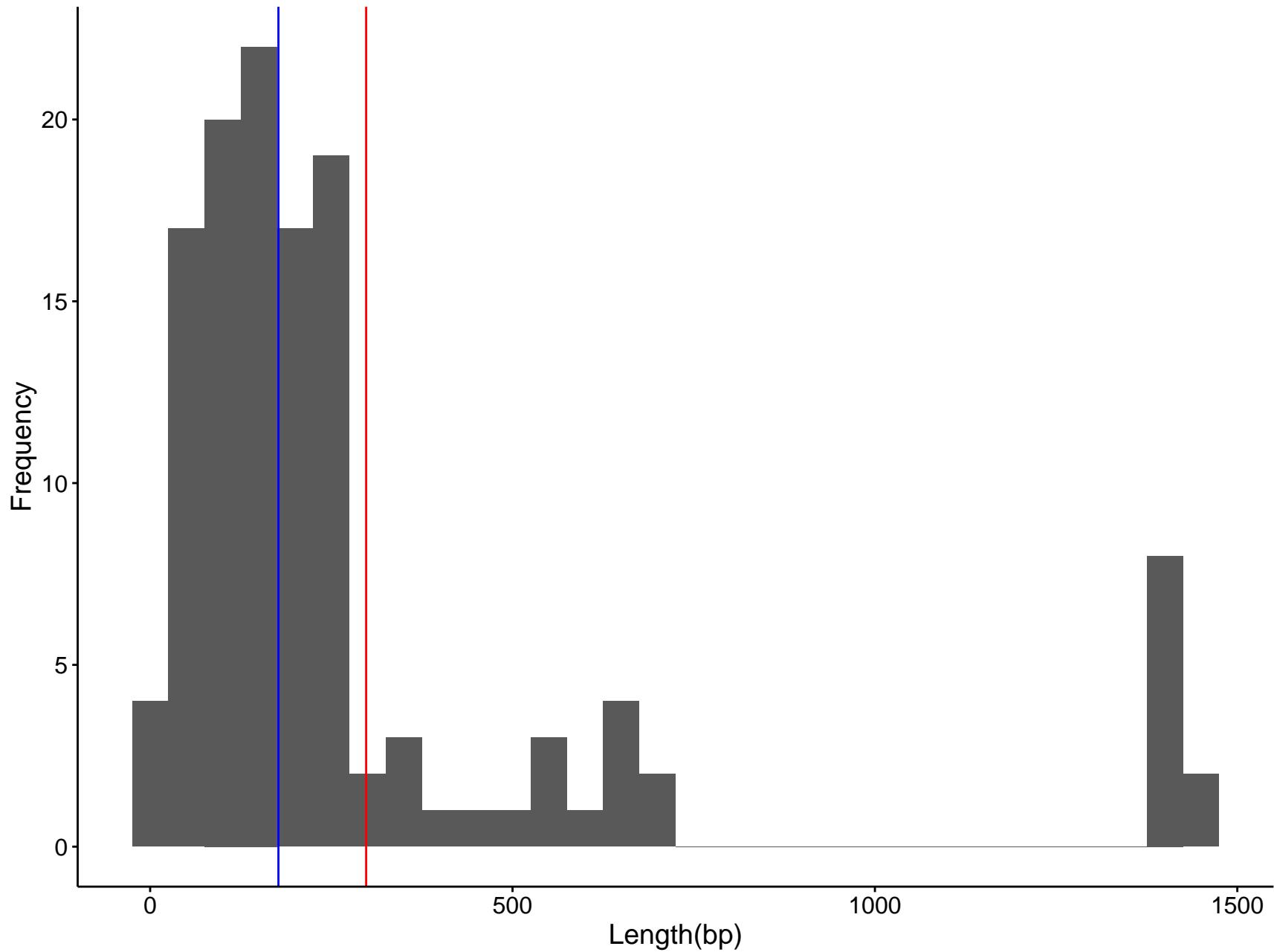
128.025

128.050

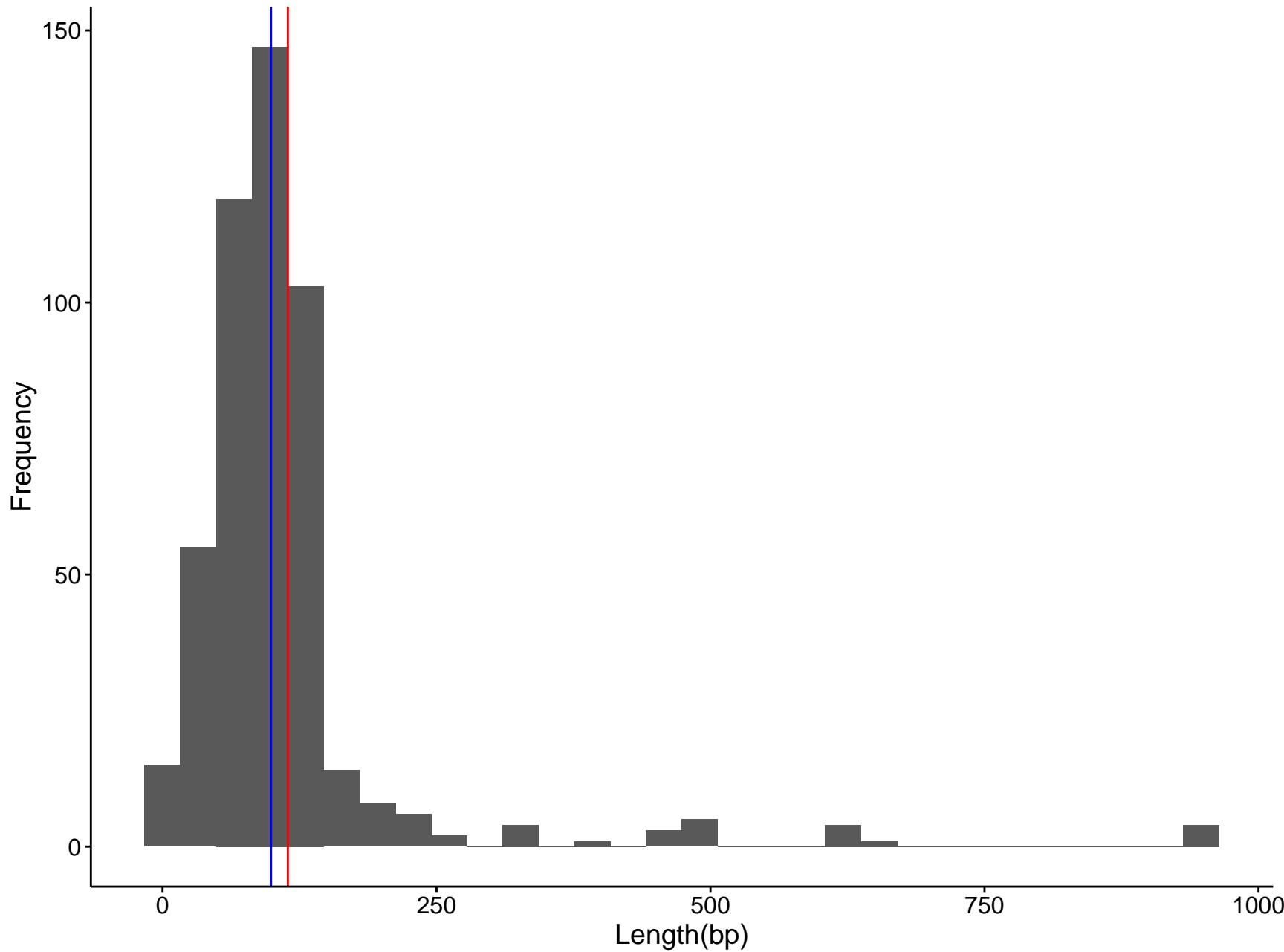
Length(bp)



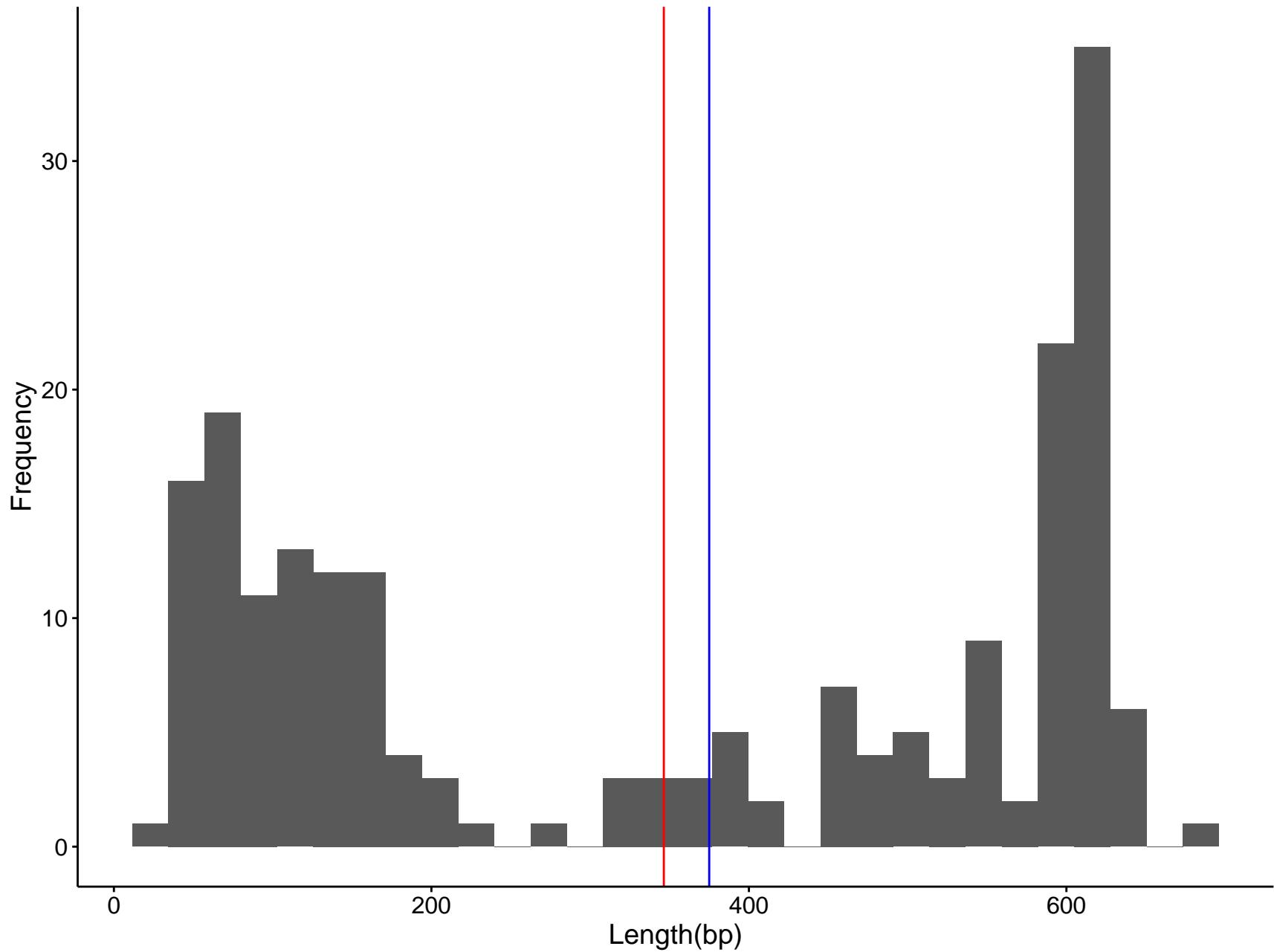
Cluster1232



Cluster1233



Cluster1234



Cluster1235

Frequency

159.950

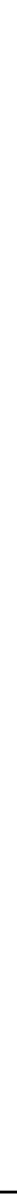
159.975

160.000

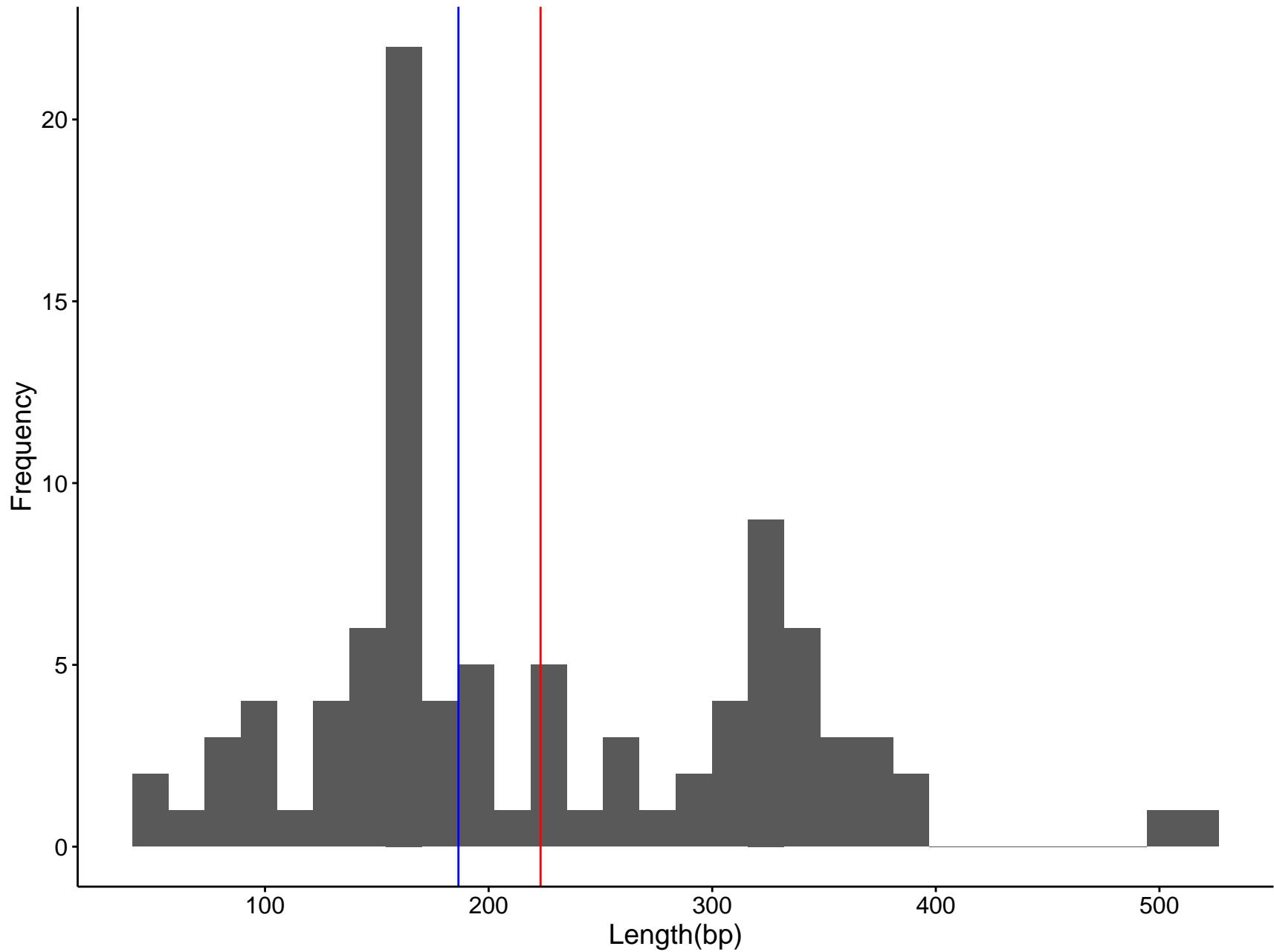
160.025

160.0

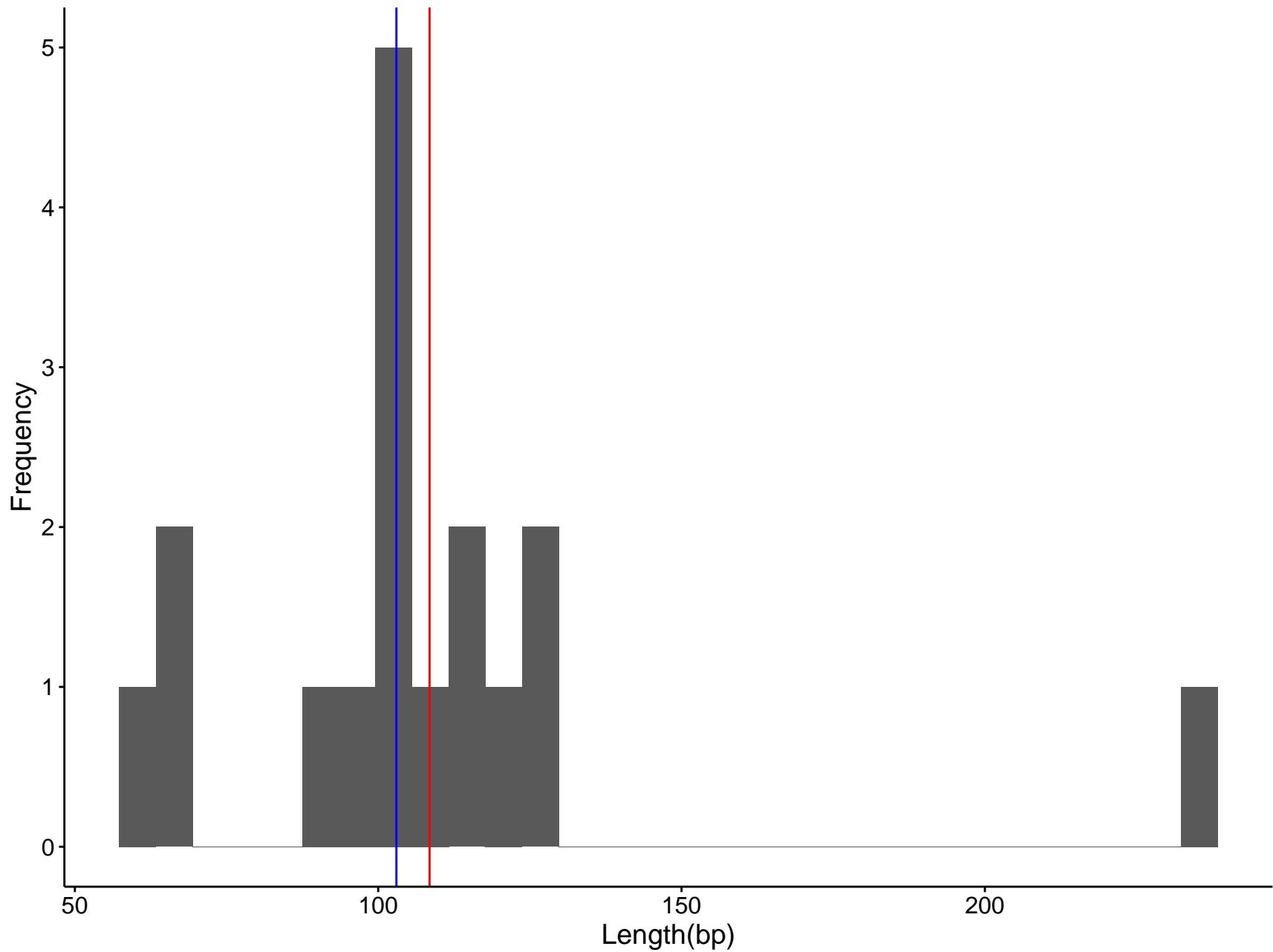
Length(bp)



Cluster1236



Cluster1237



Cluster123

Frequency

774.950

774.975

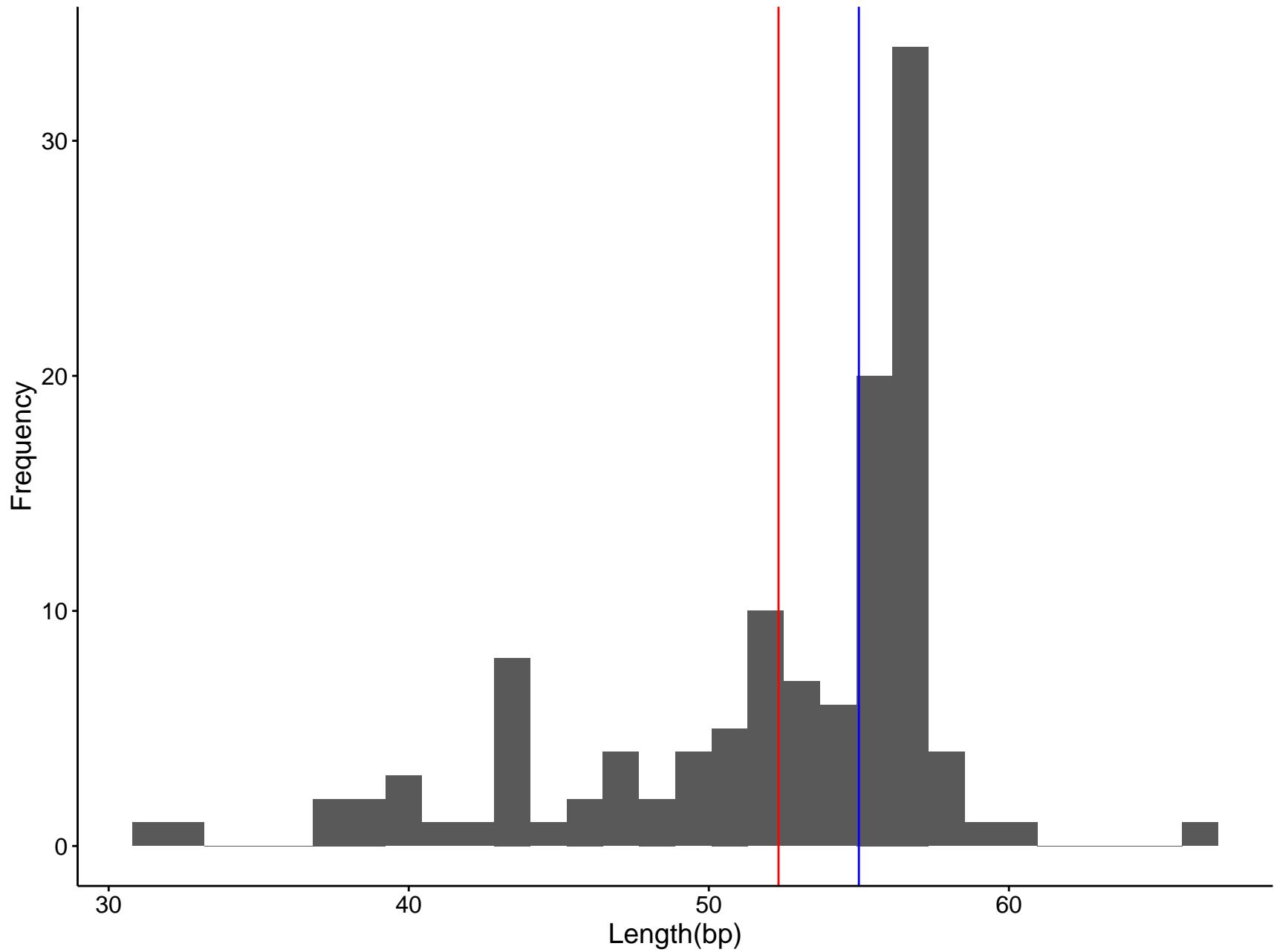
775.000

775.025

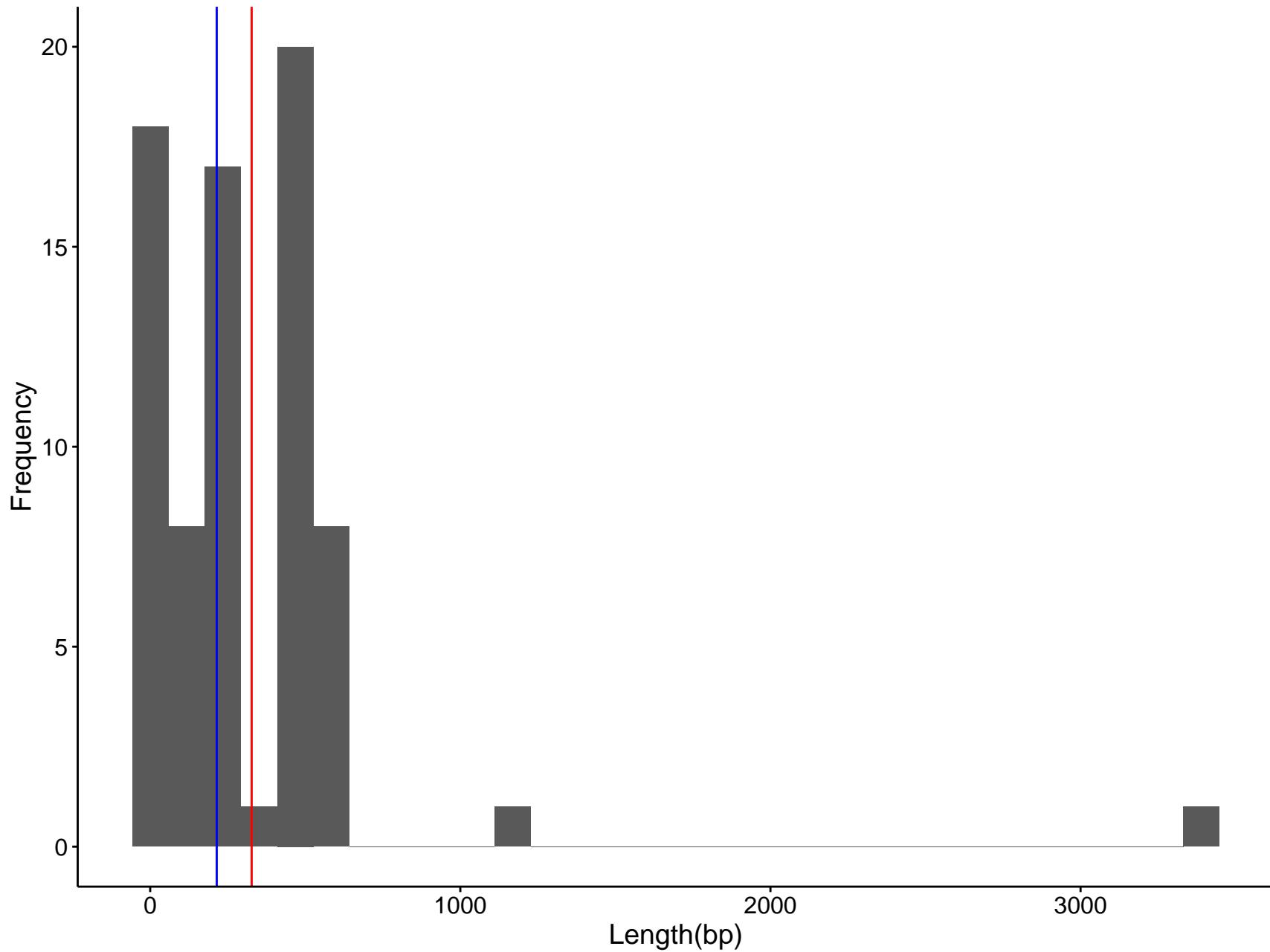
Length(bp)



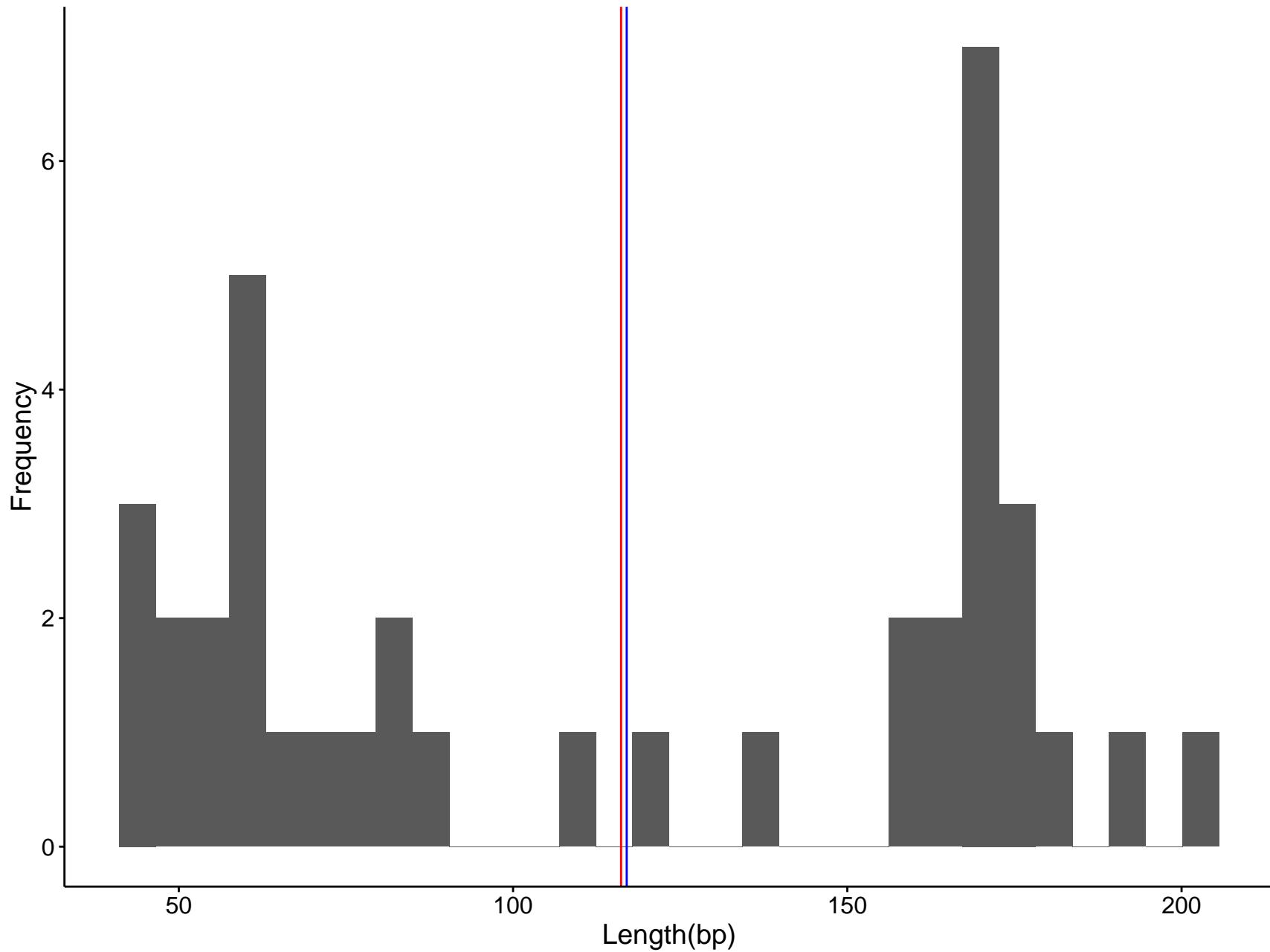
Cluster1240



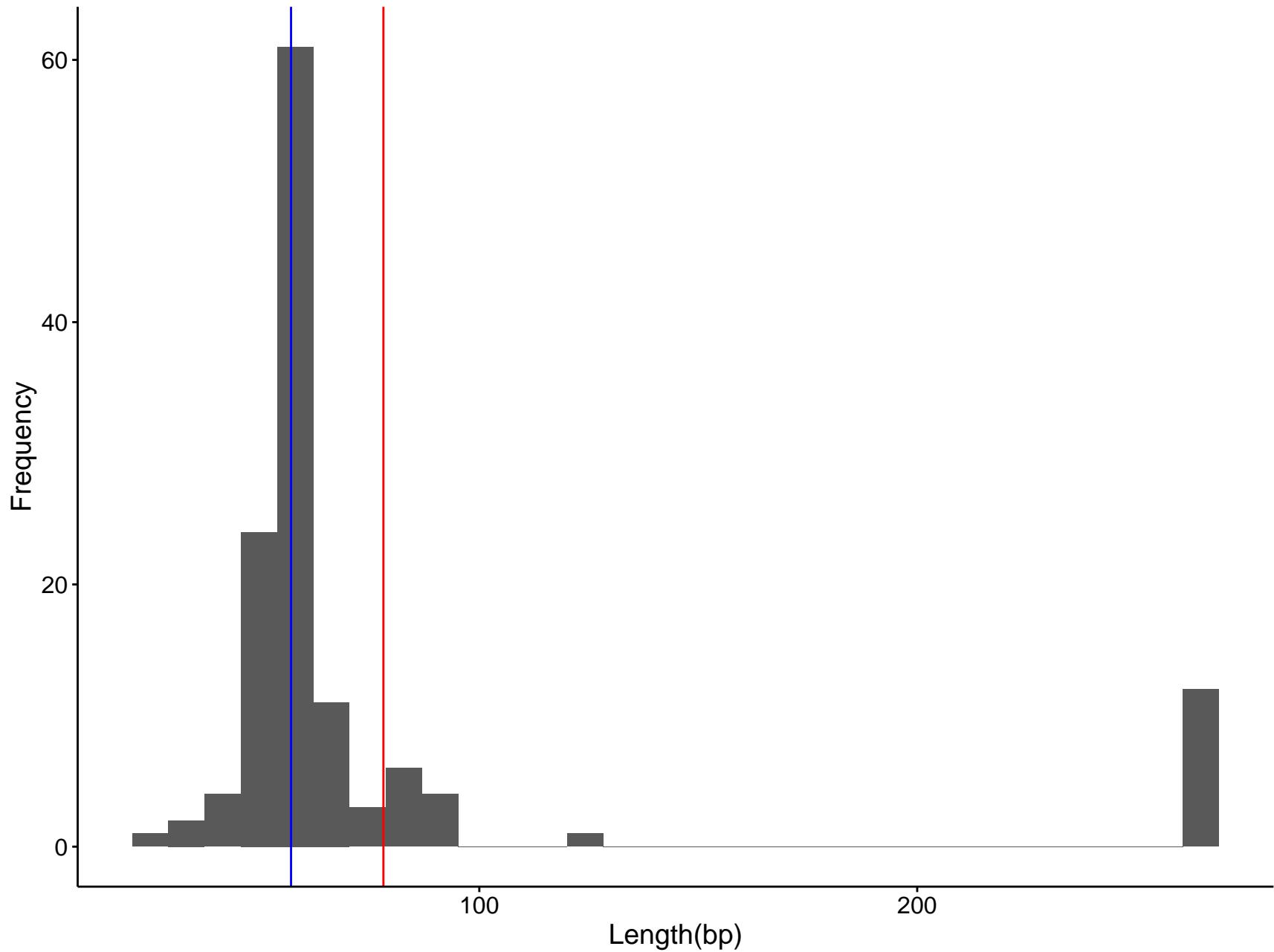
Cluster1241



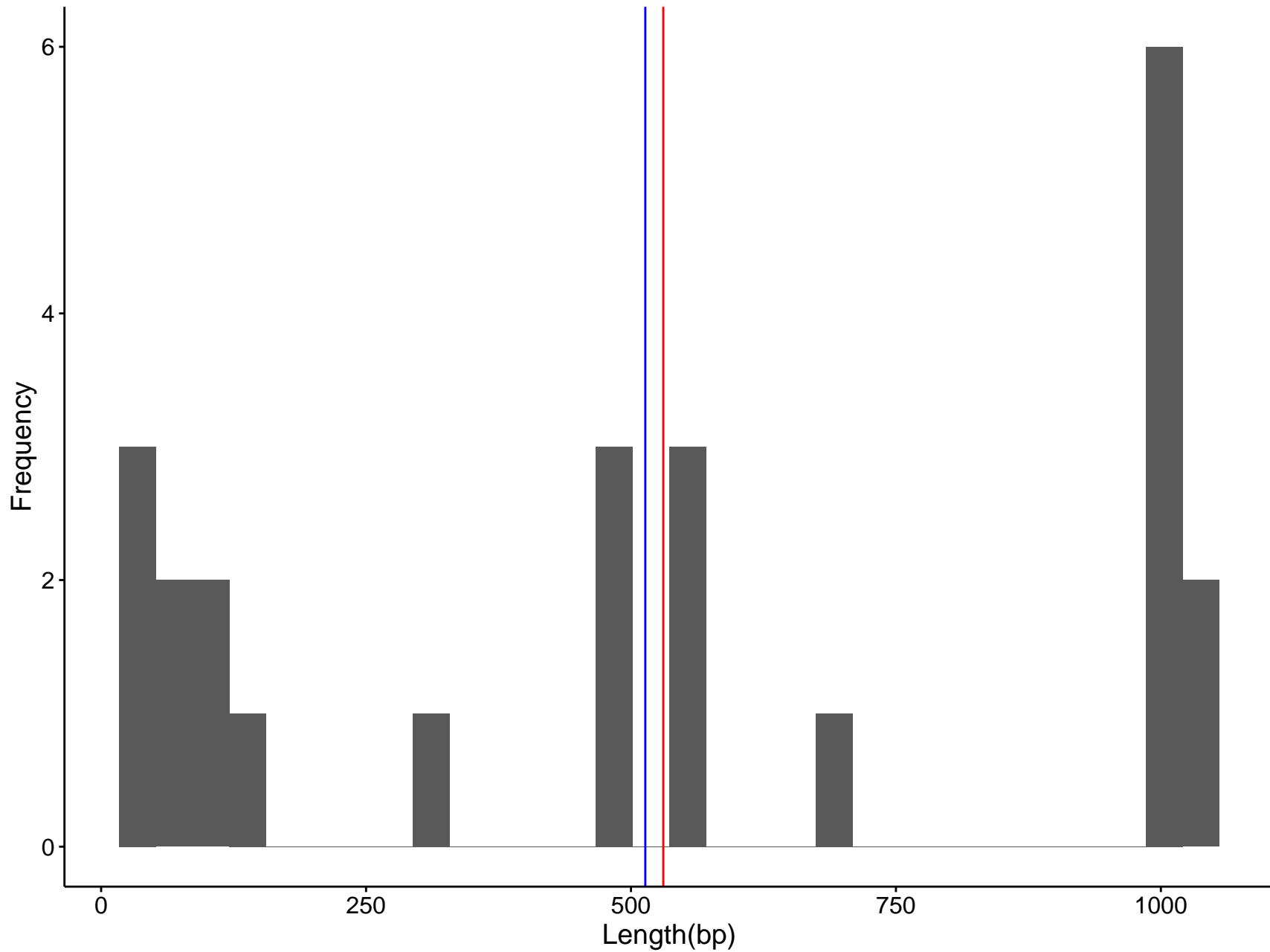
Cluster1243



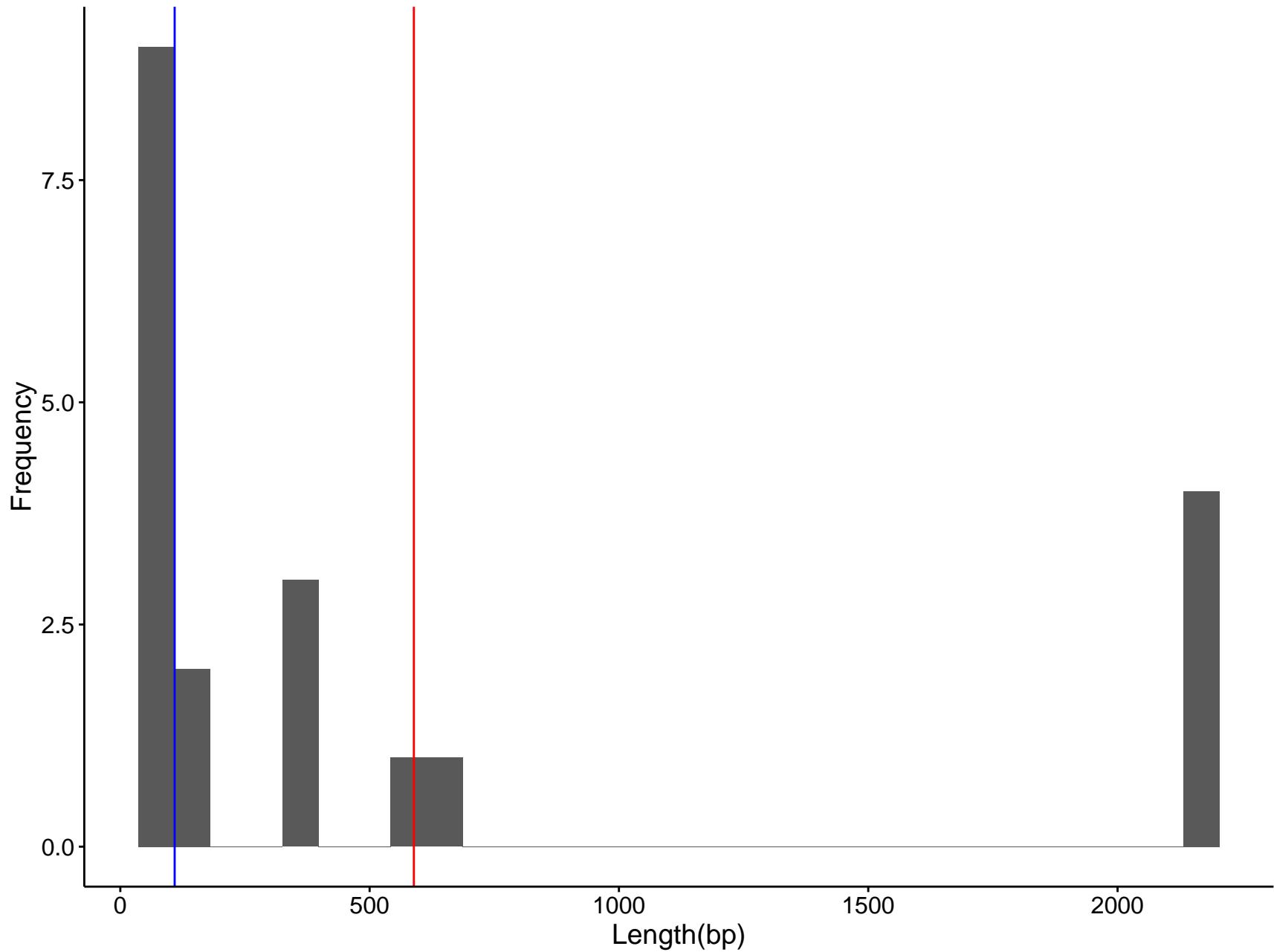
Cluster1245



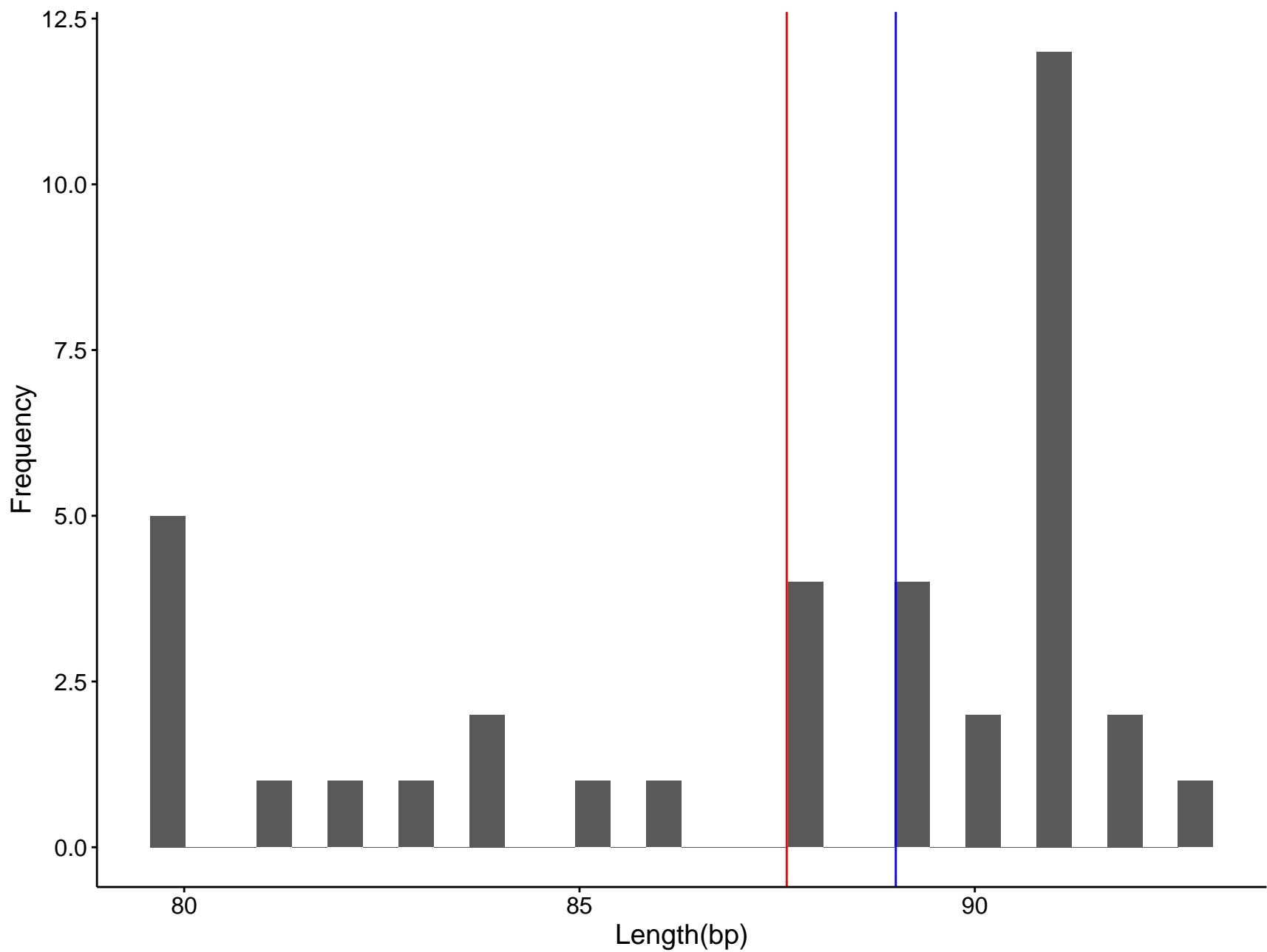
Cluster1246



Cluster1248



Cluster1249



Cluster124

Frequency

515.950

515.975

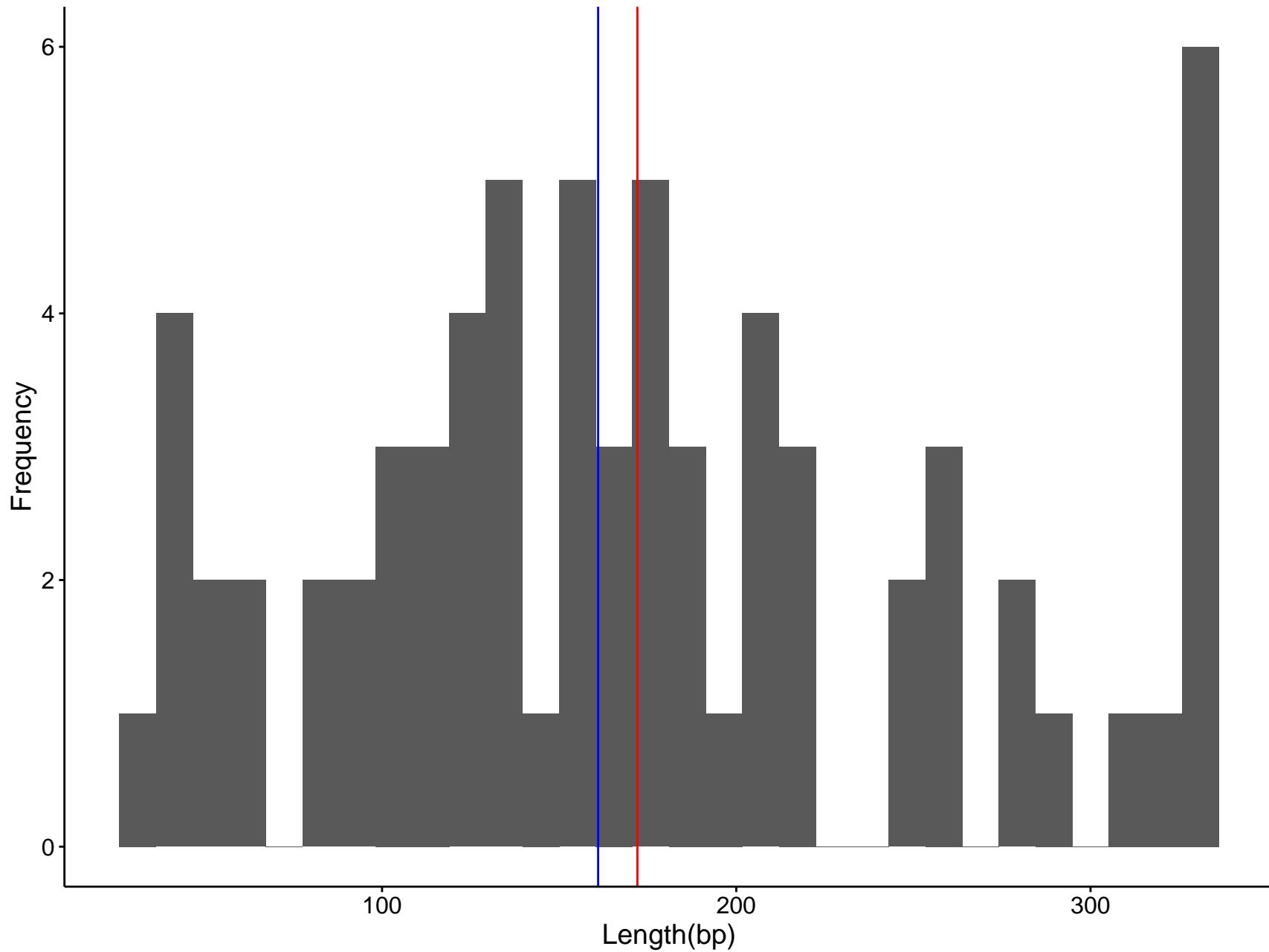
516.000

516.025

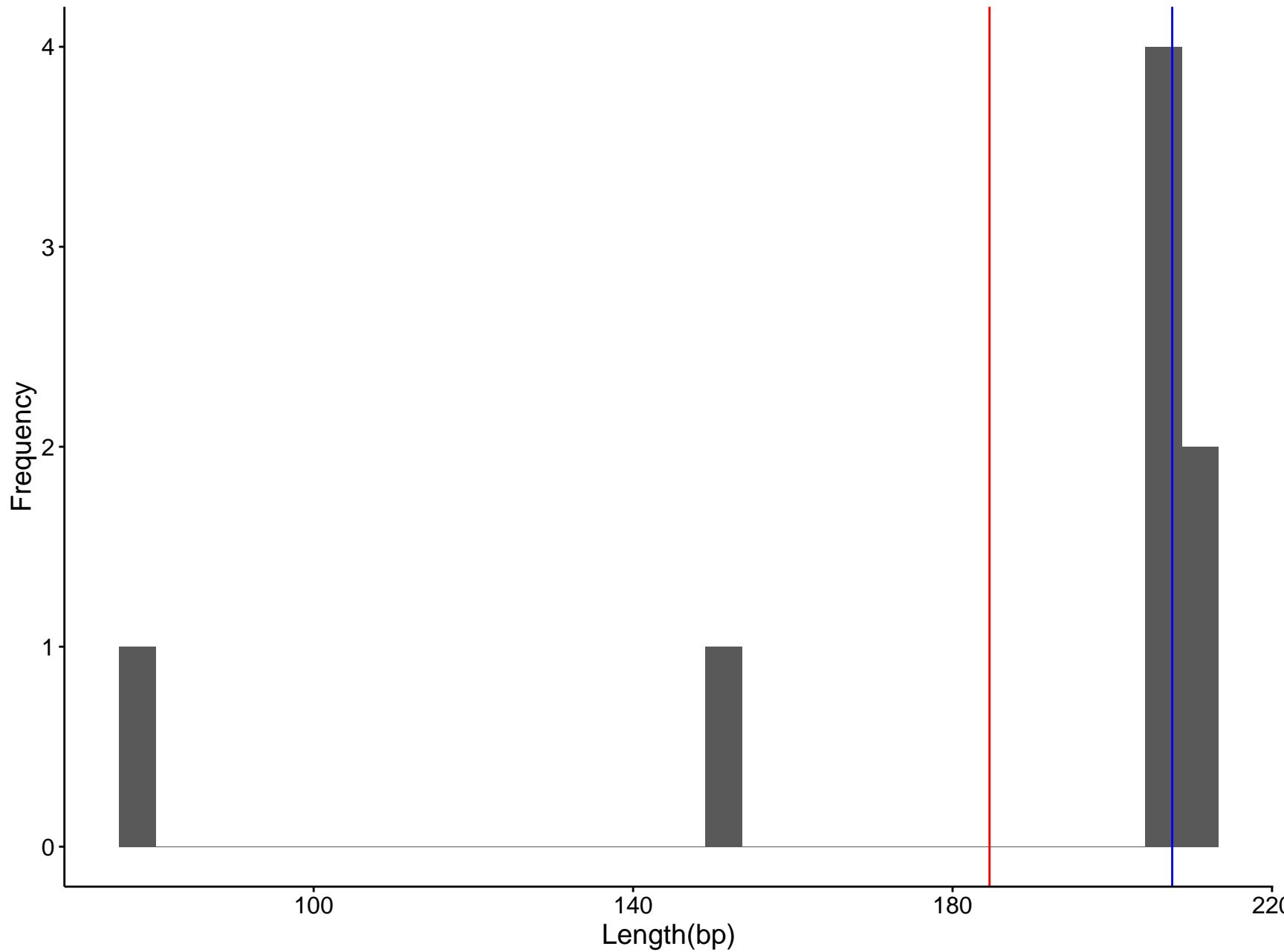
Length(bp)



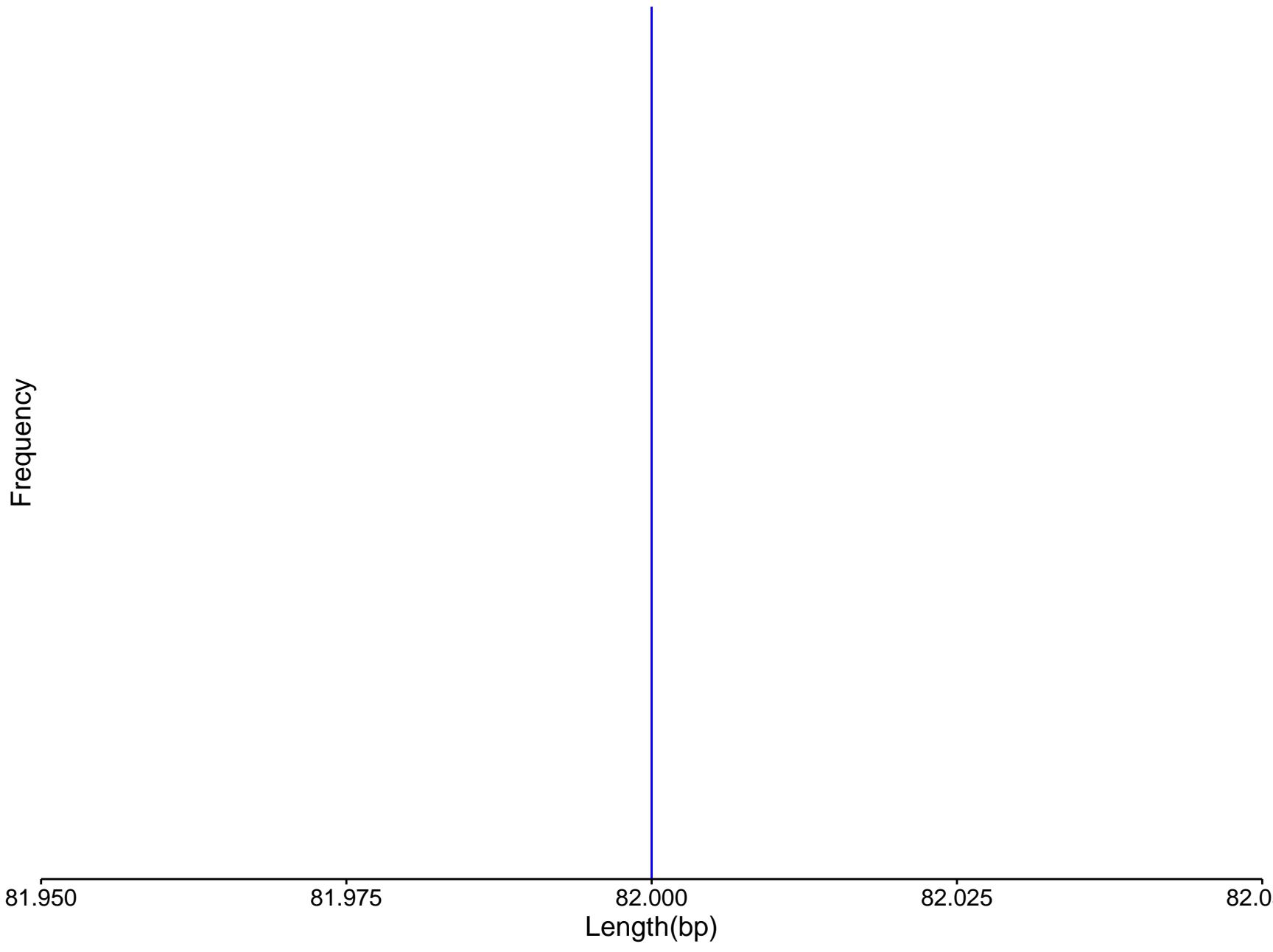
Cluster1252



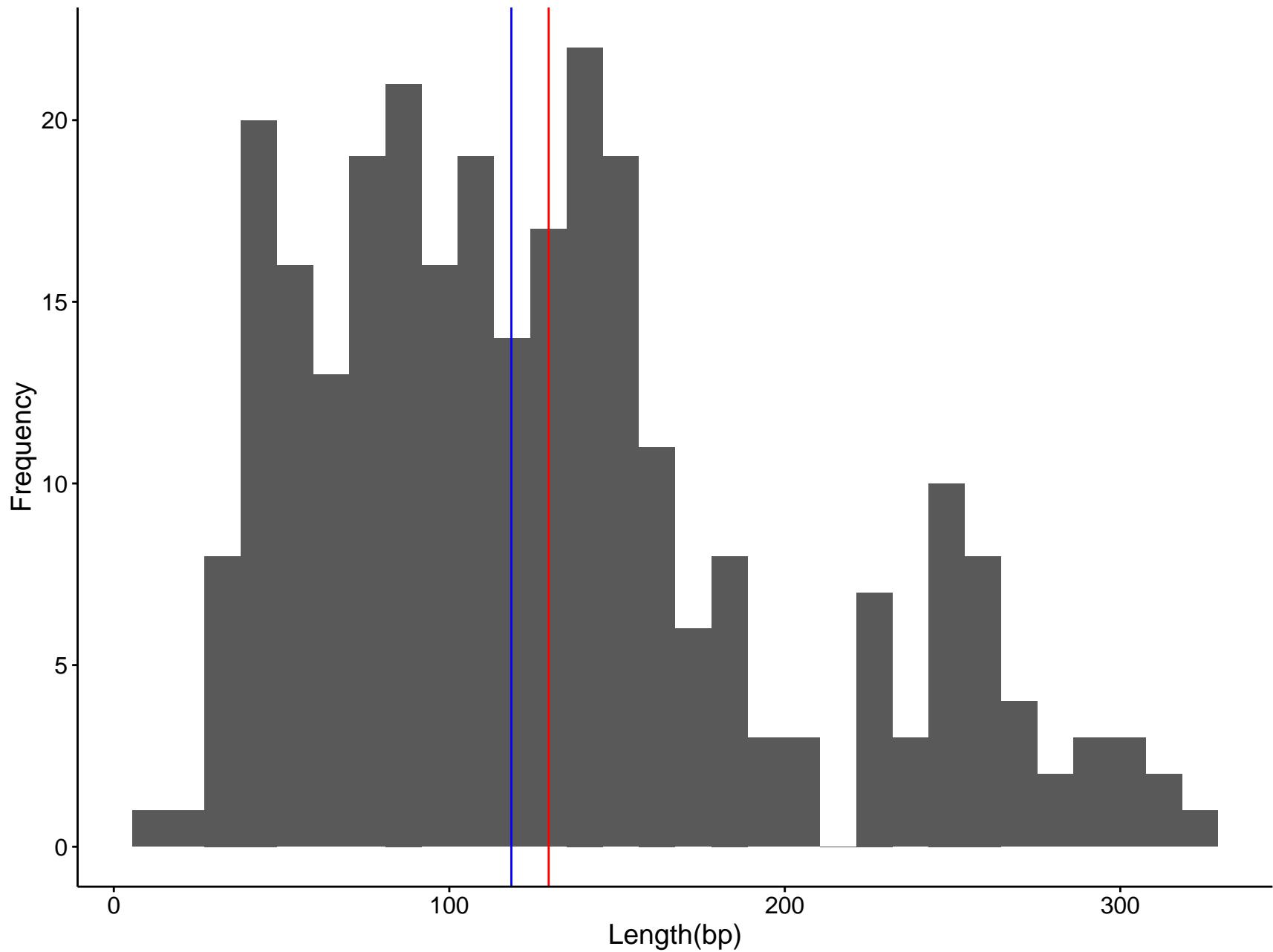
Cluster1256



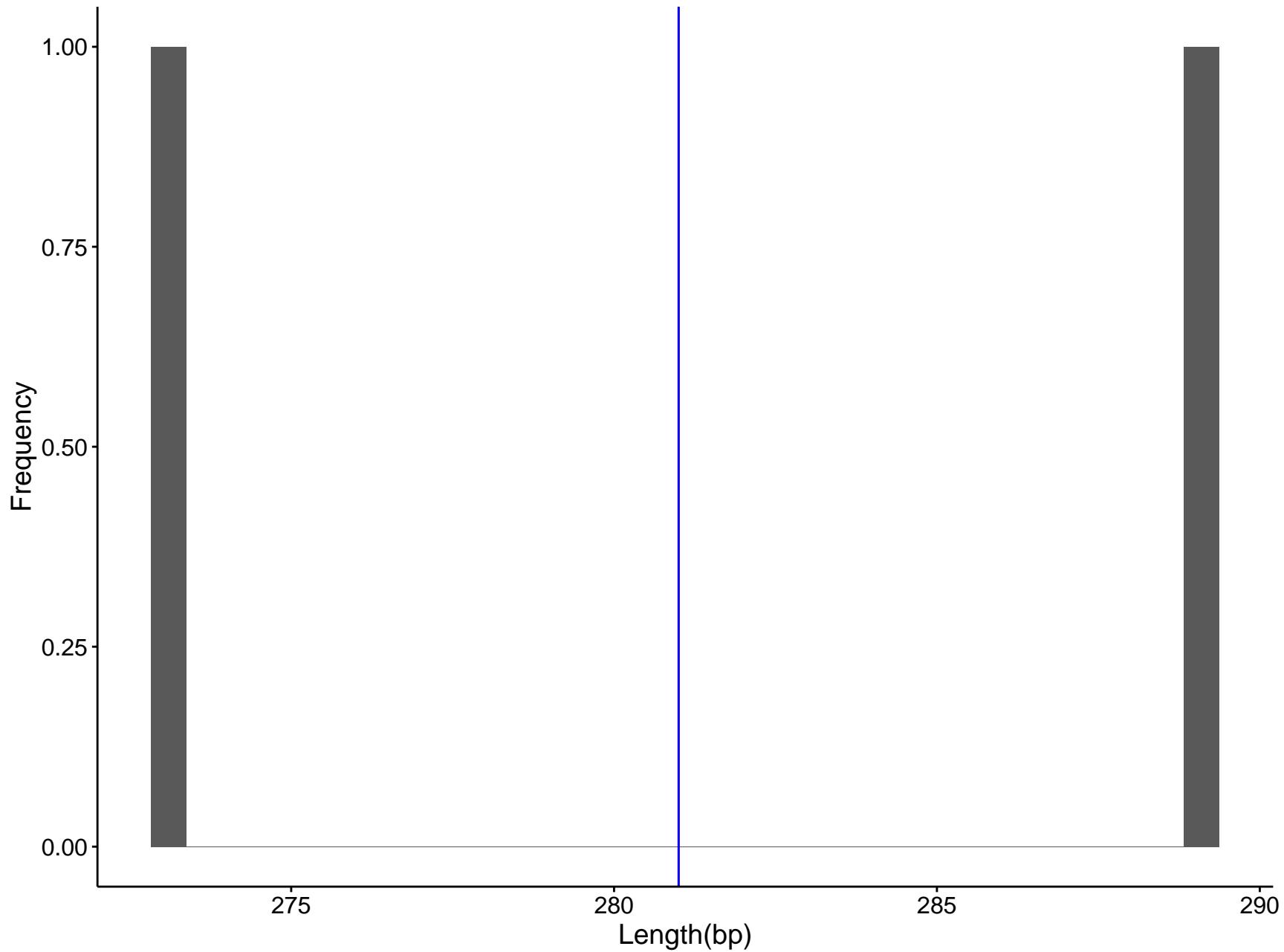
Cluster1258

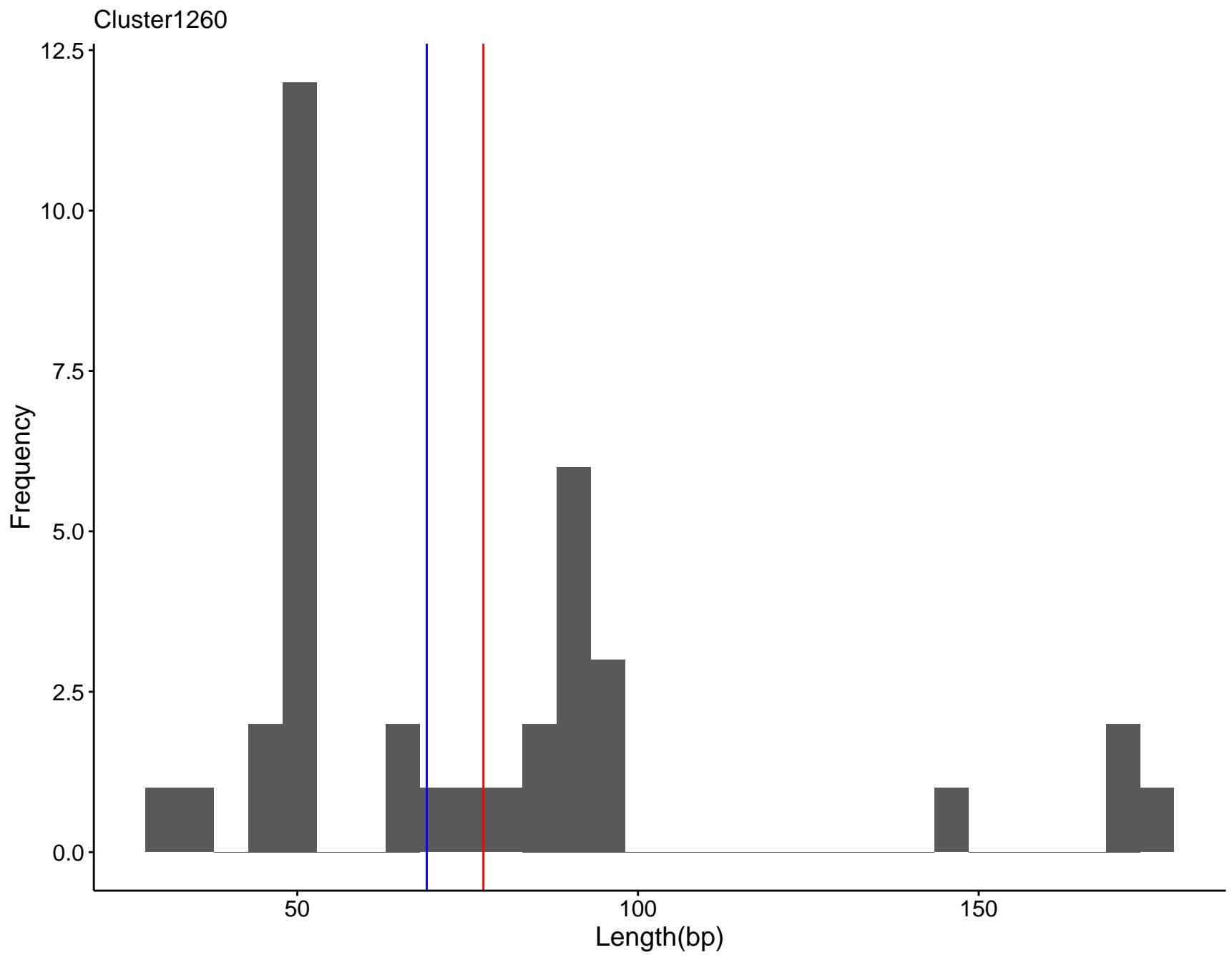


Cluster1259

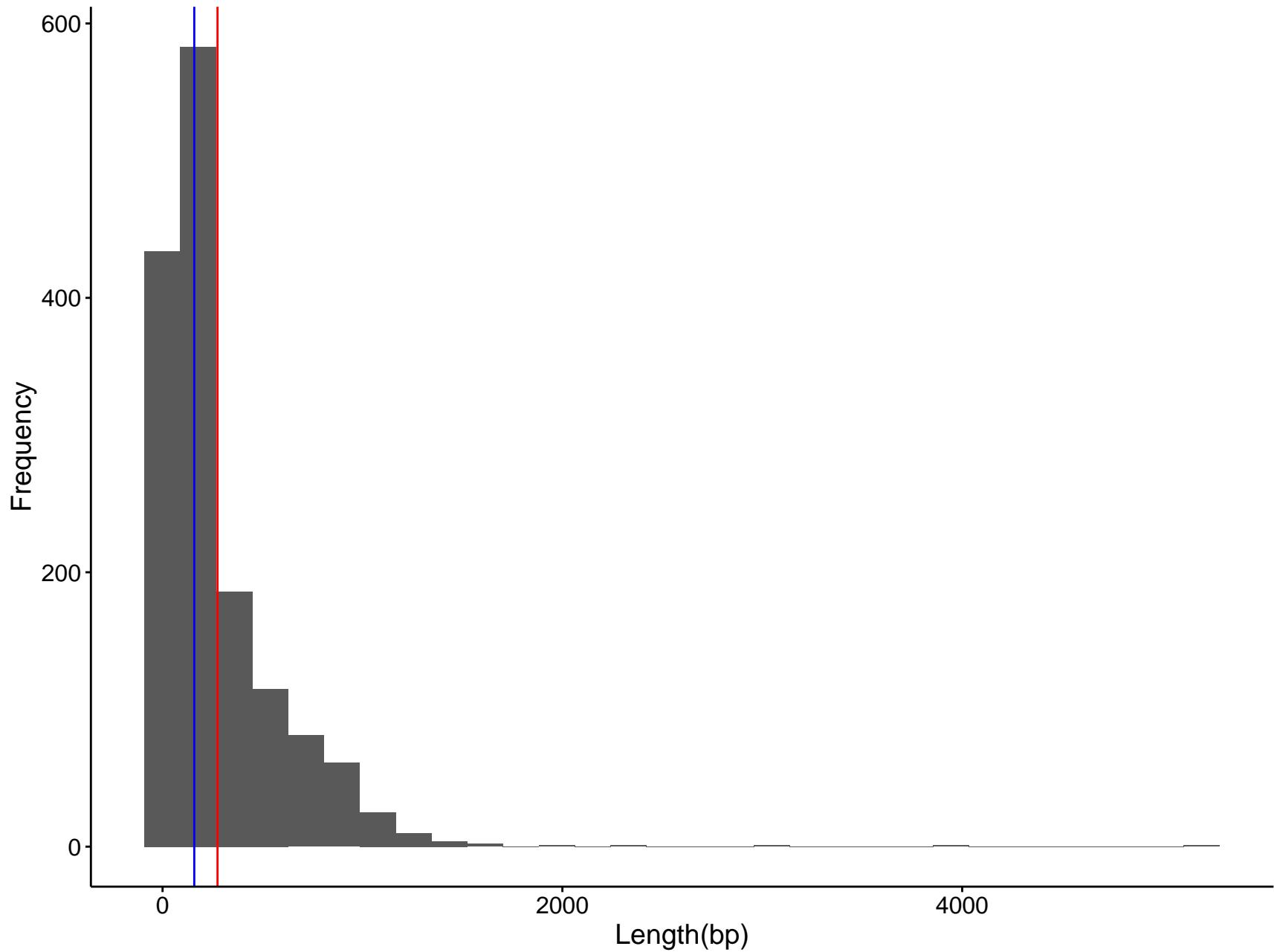


Cluster125

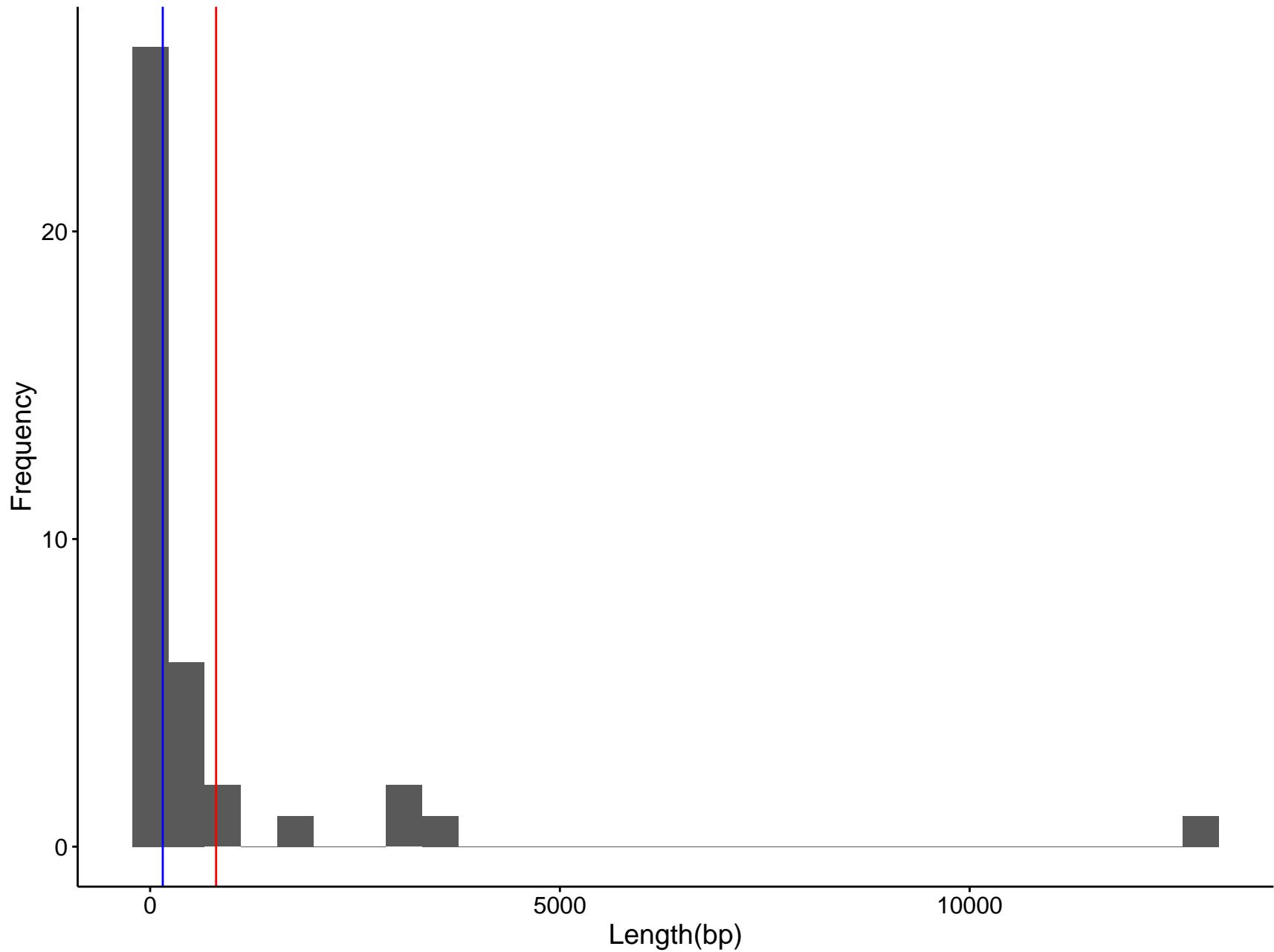




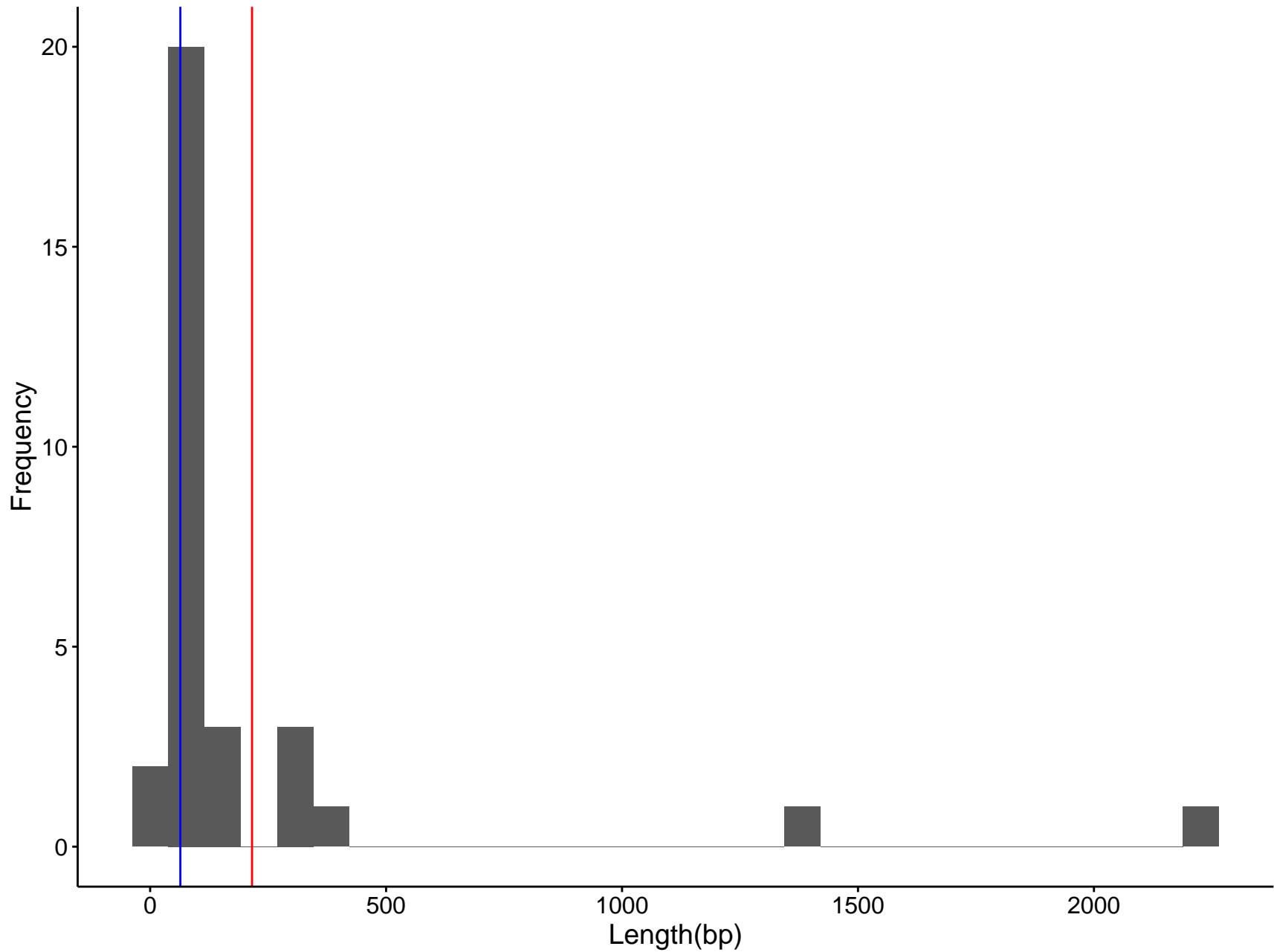
Cluster1262



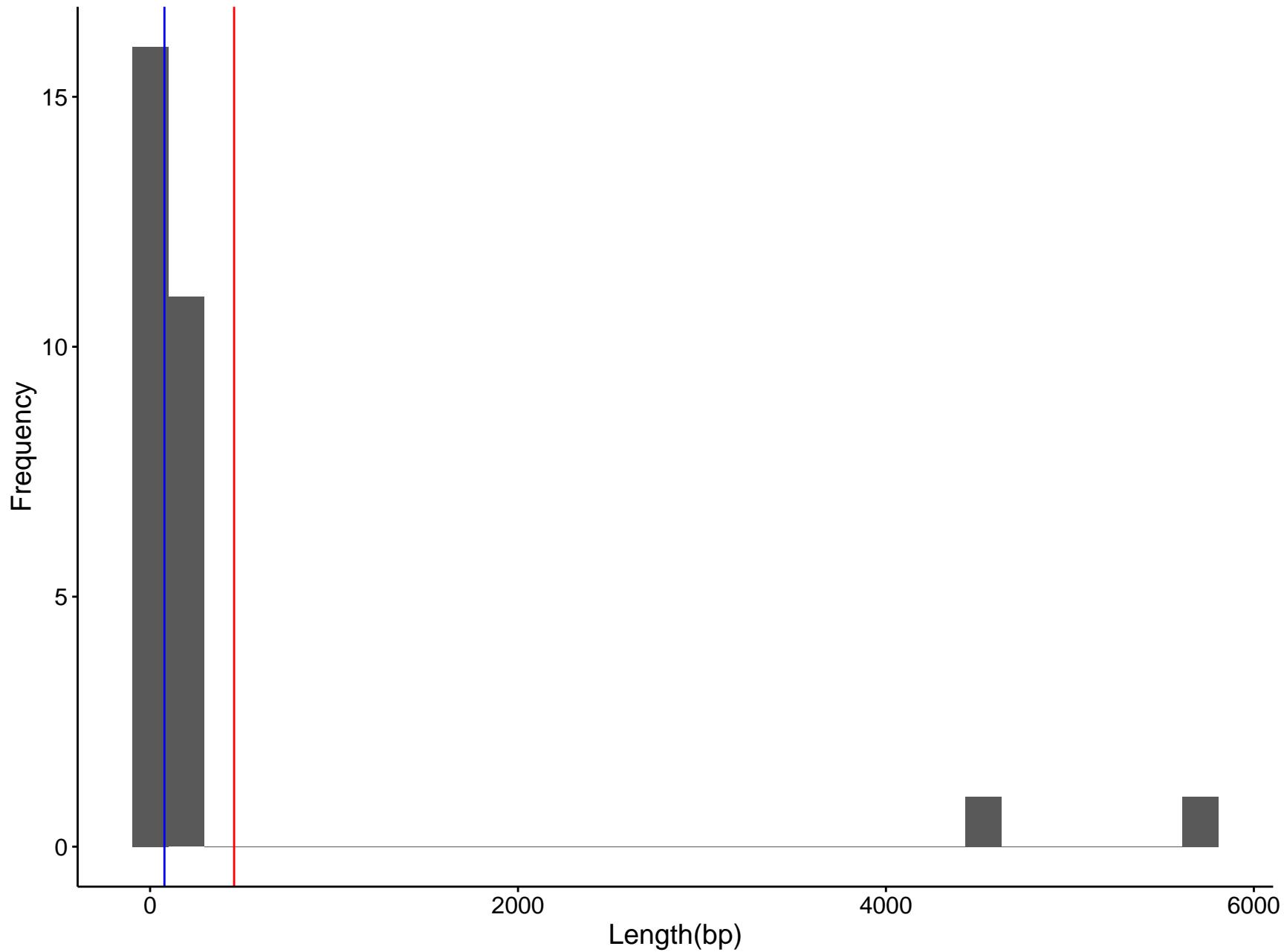
Cluster1265



Cluster1266



Cluster1267



Cluster1269

Frequency

4287.950

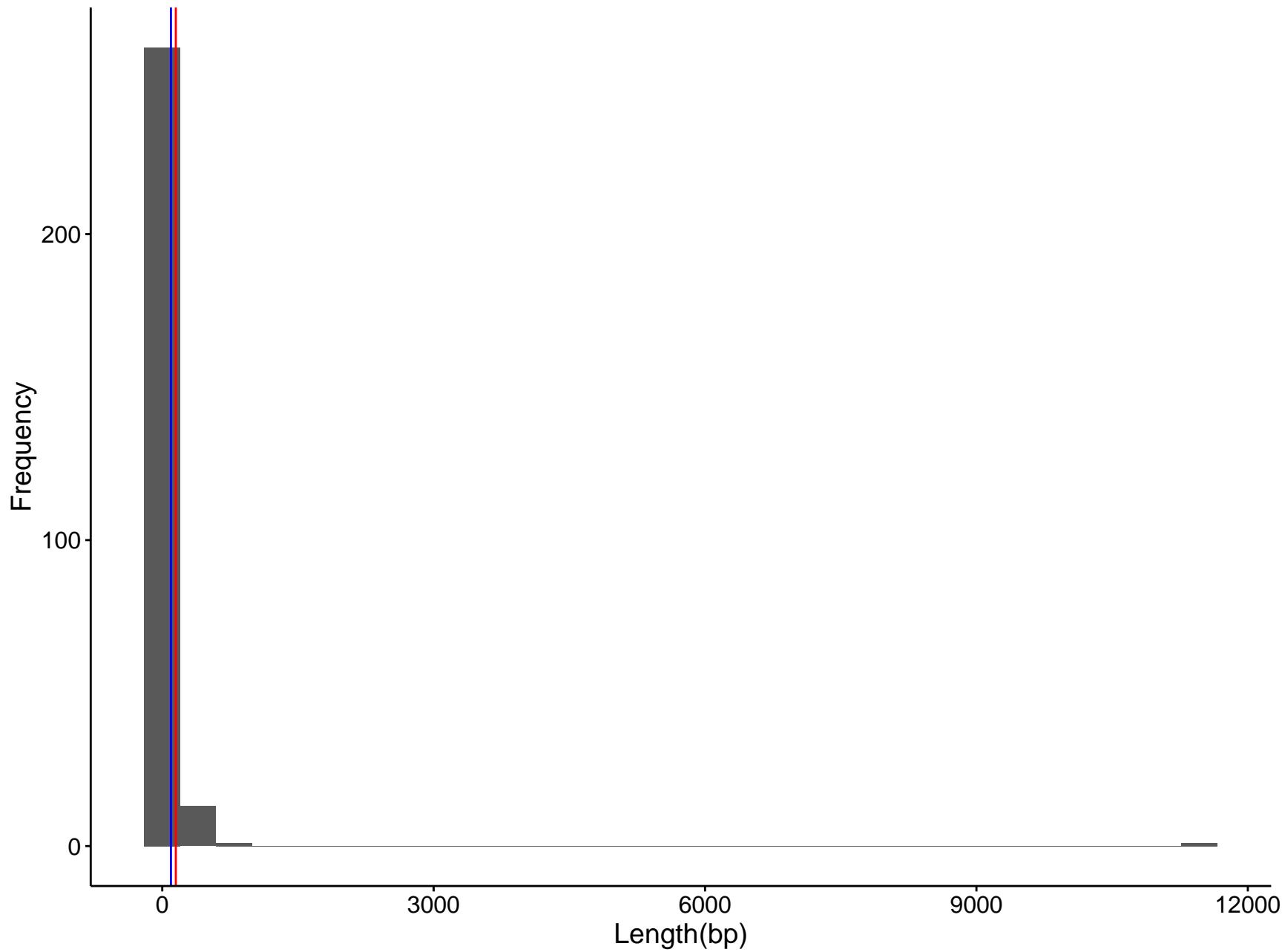
4287.975

4288.000
Length(bp)

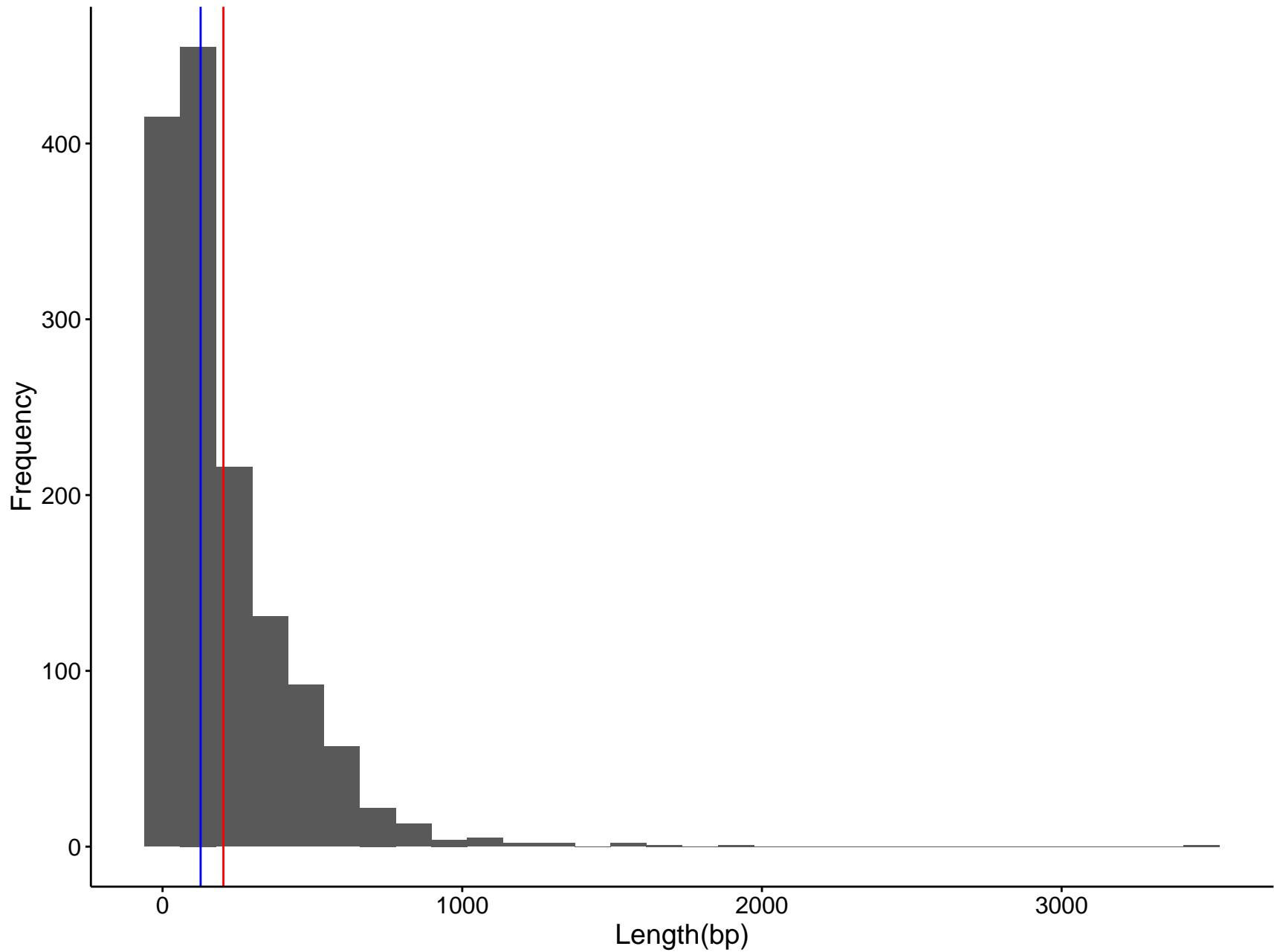
4288.025

4288.

Cluster1271



Cluster1272



Cluster1273

Frequency

108.950

108.975

109.000

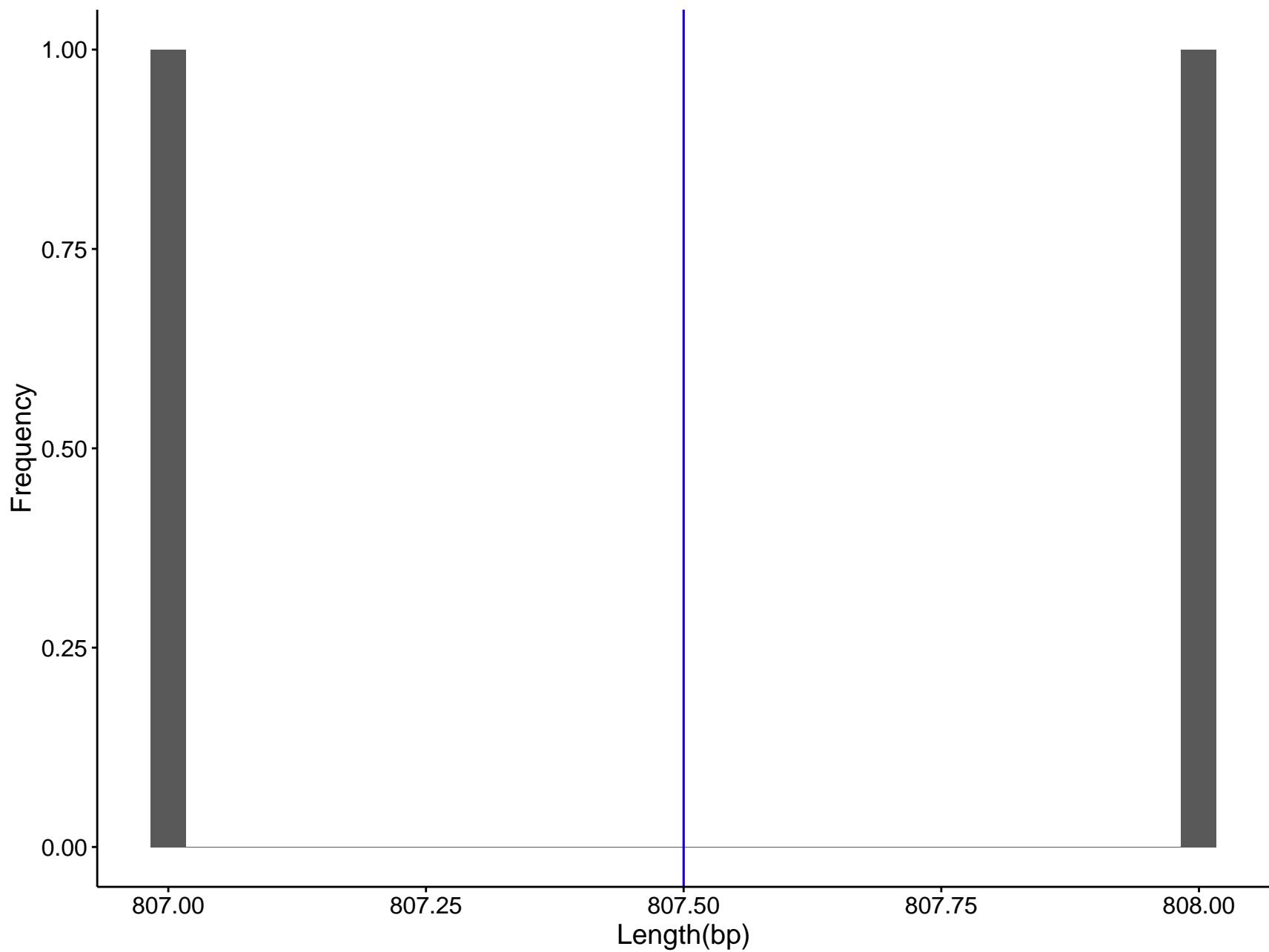
109.025

109.050

Length(bp)



Cluster1274



Cluster1275

Frequency

4080.950

4080.975

4081.000
Length(bp)

4081.025

4081.



Cluster1277

Frequency

252.950

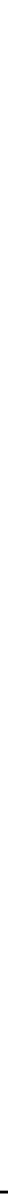
252.975

253.000

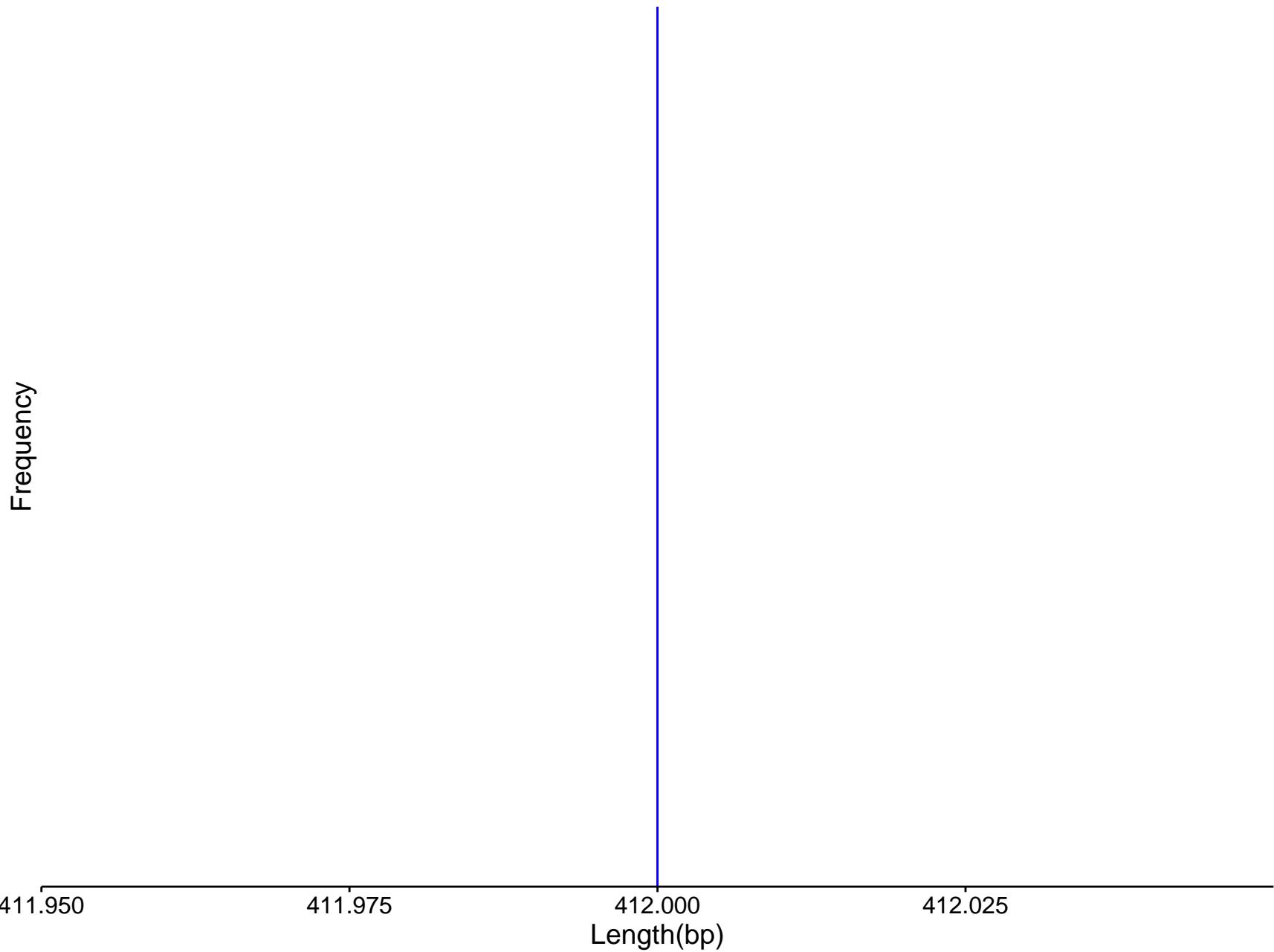
253.025

253.0

Length(bp)



Cluster1278



Cluster1279

Frequency

261.950

261.975

262.000

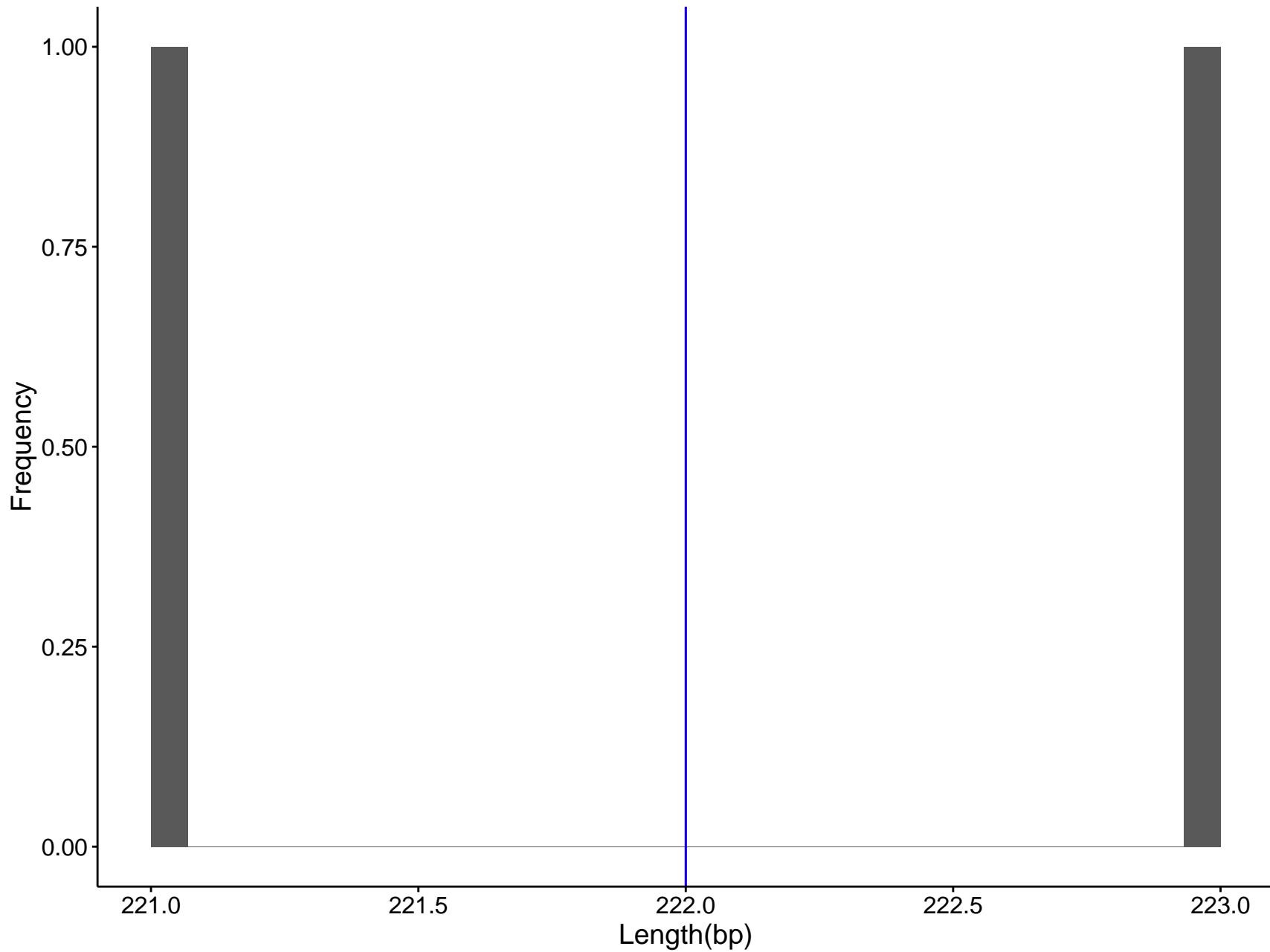
262.025

262.050

Length(bp)



Cluster127



Cluster1280

Frequency

810.950

810.975

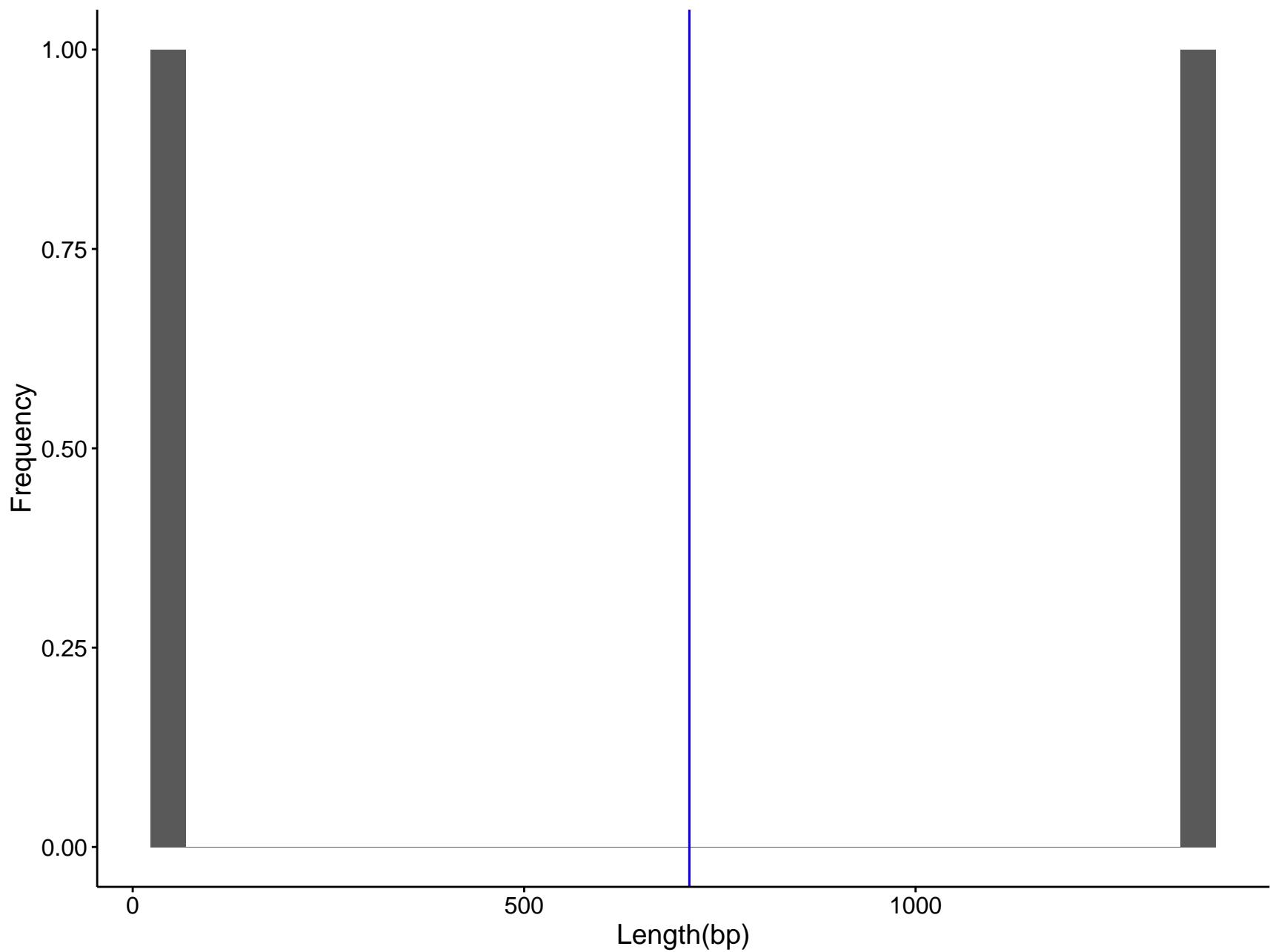
811.000

811.025

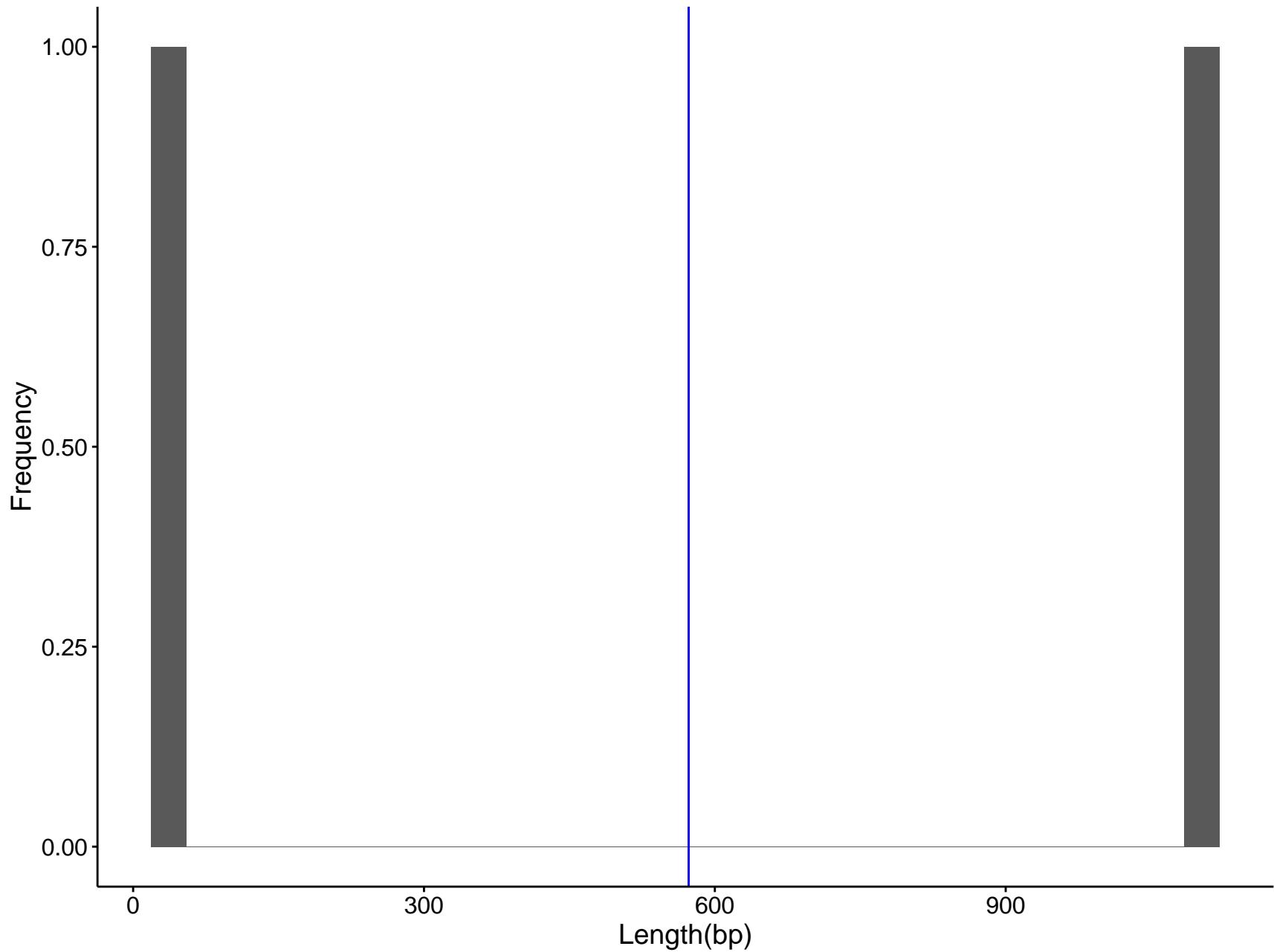
Length(bp)



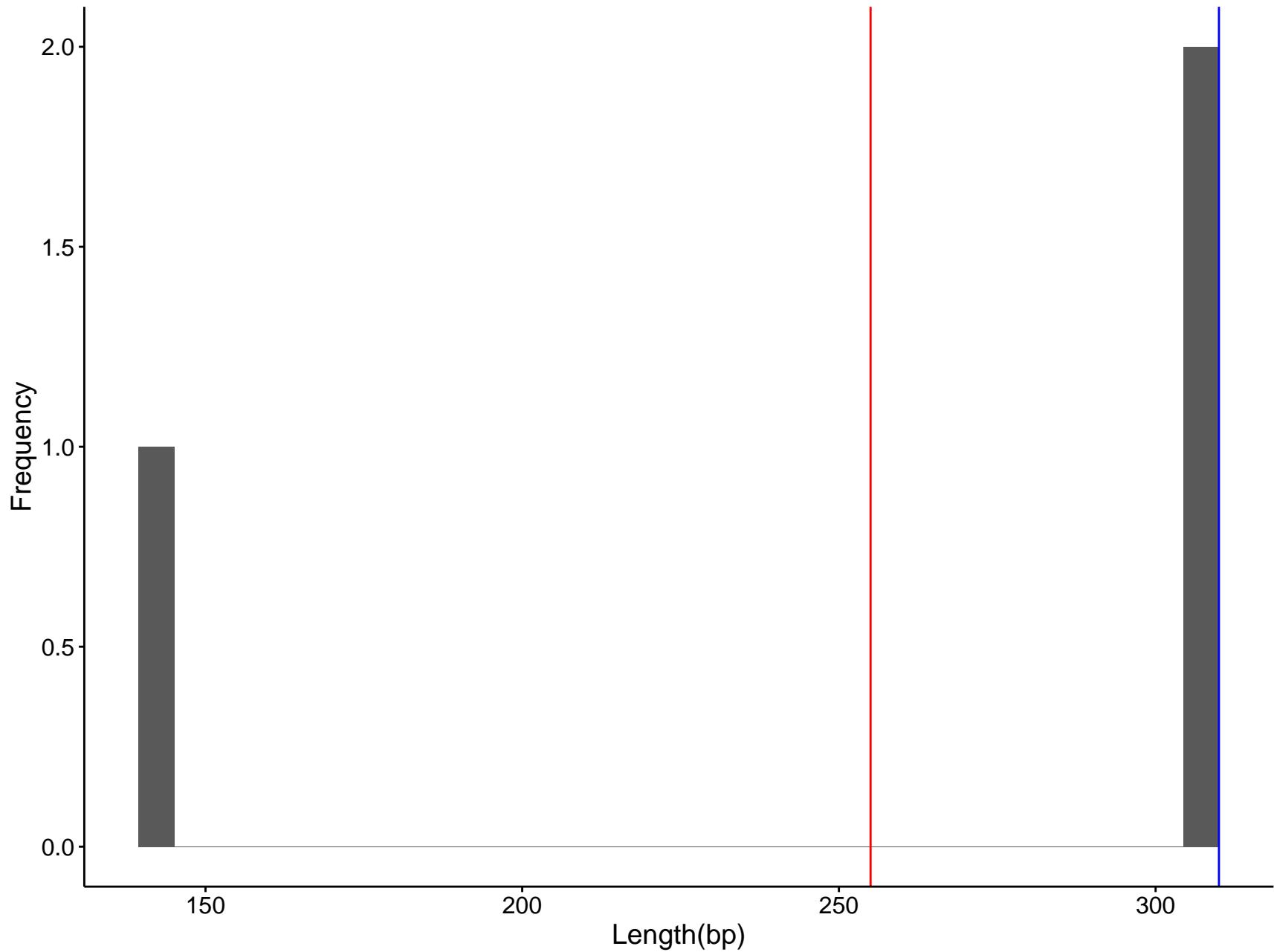
Cluster1281



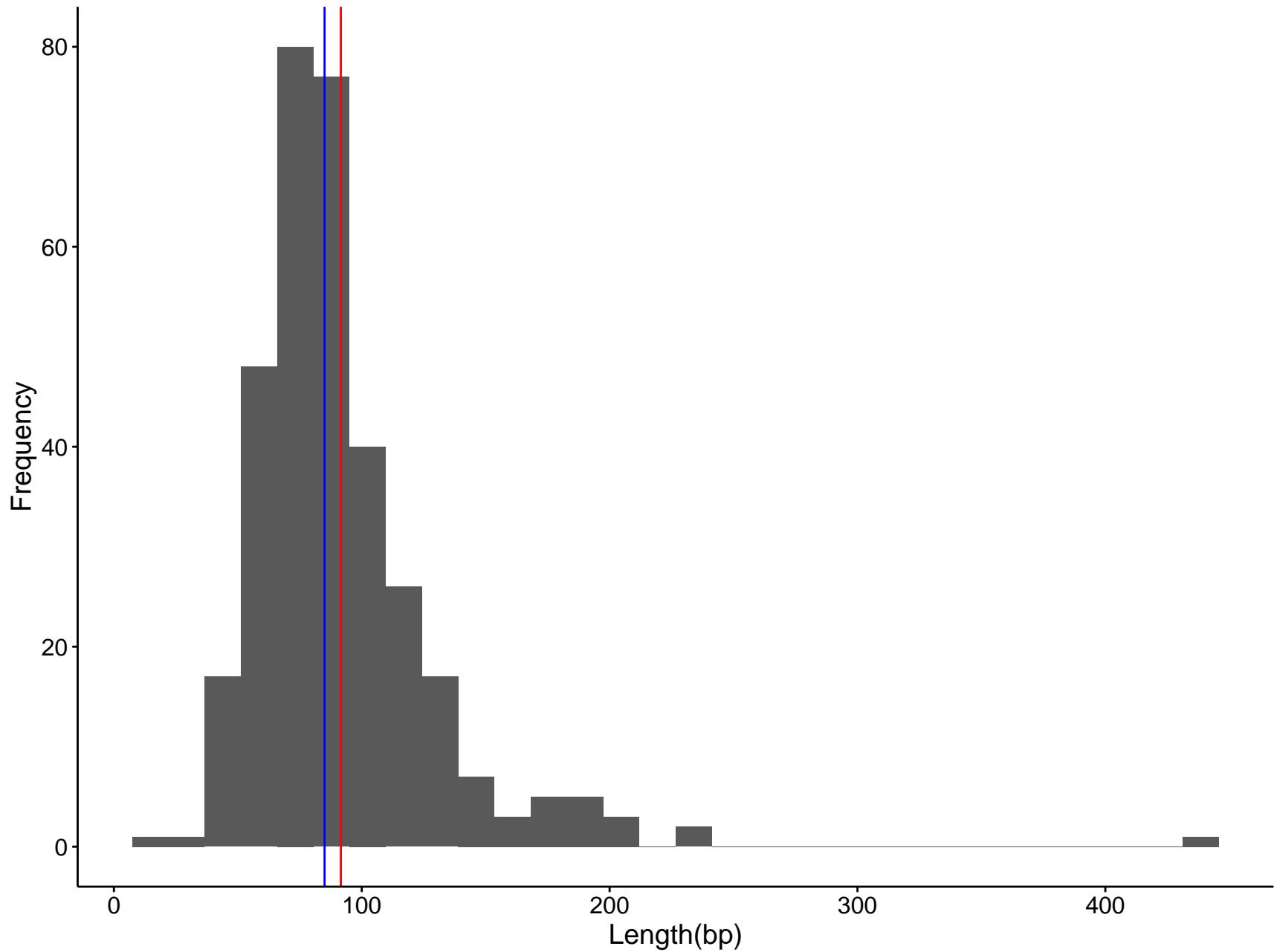
Cluster1282



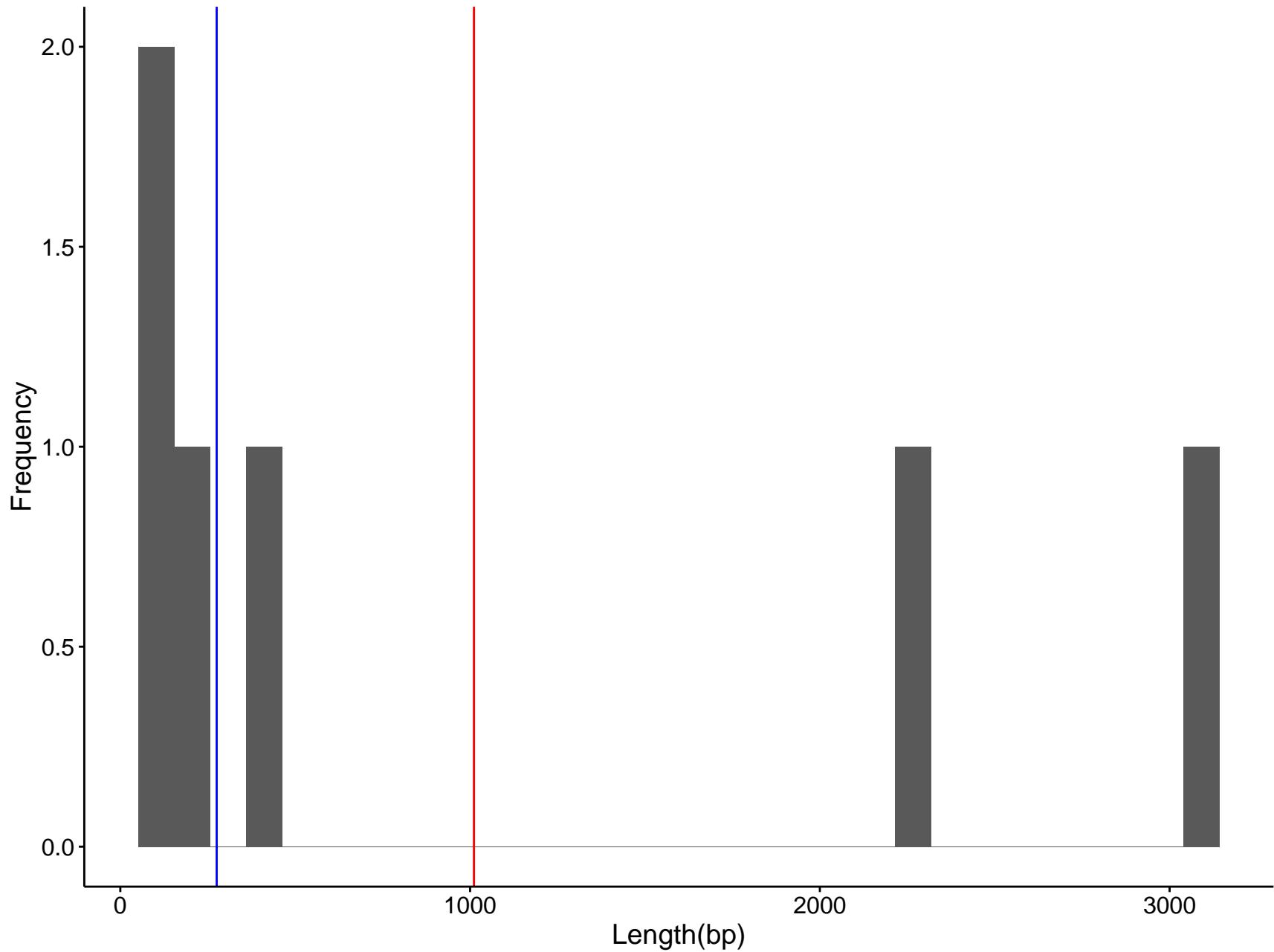
Cluster1283



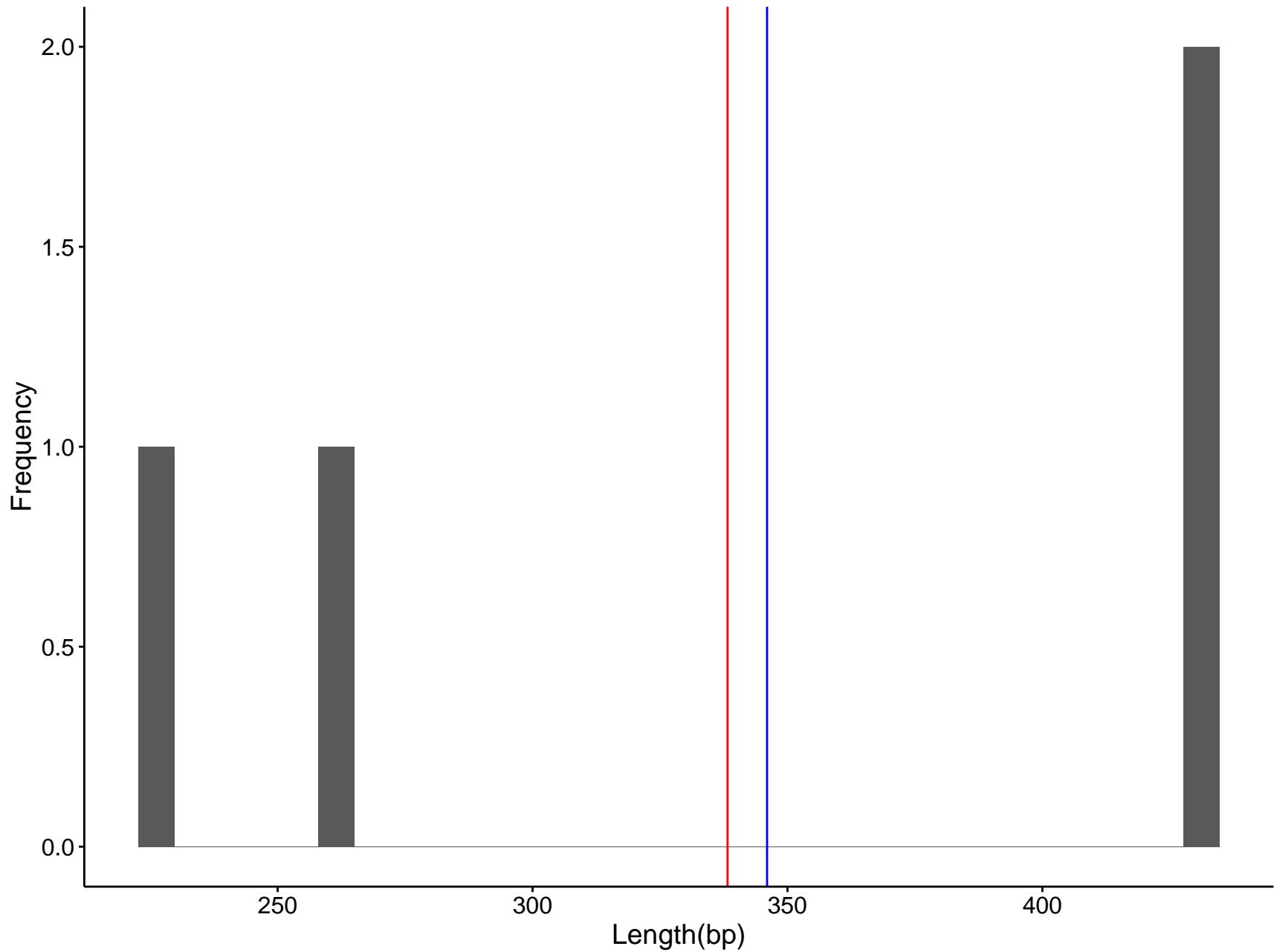
Cluster1285



Cluster1287



Cluster1288



Cluster1290

Frequency

174.950

174.975

175.000

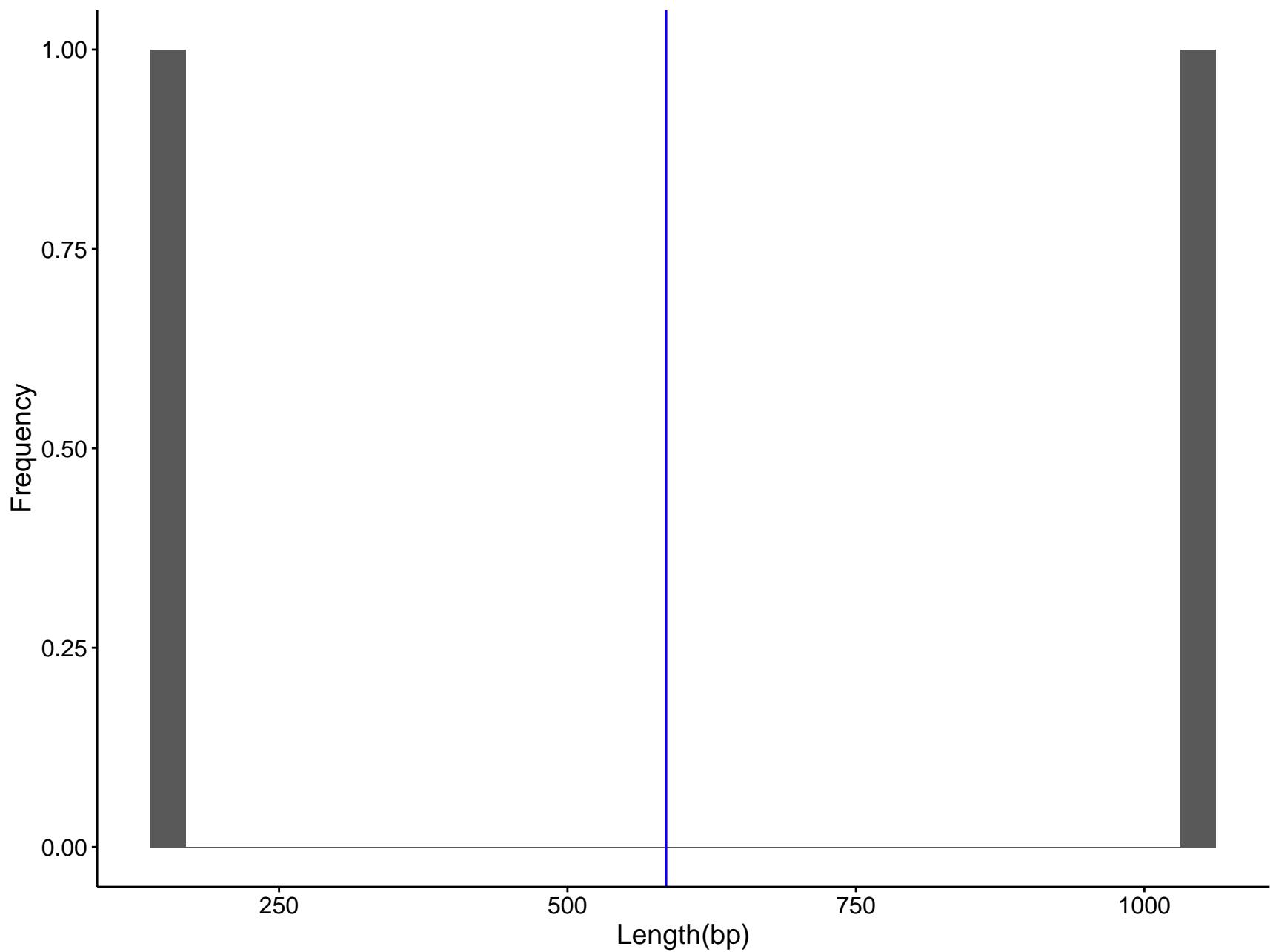
175.025

175.050

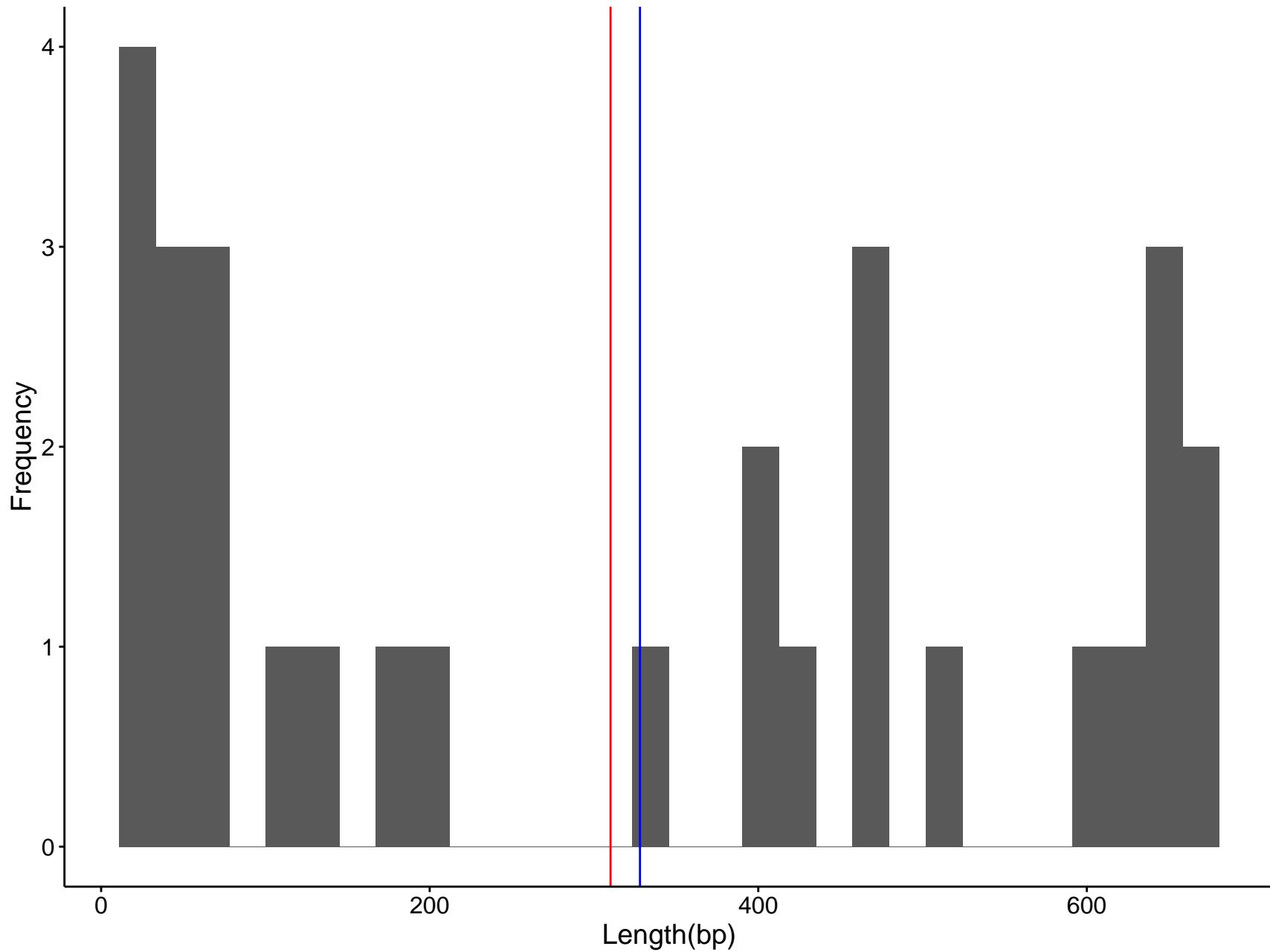
Length(bp)



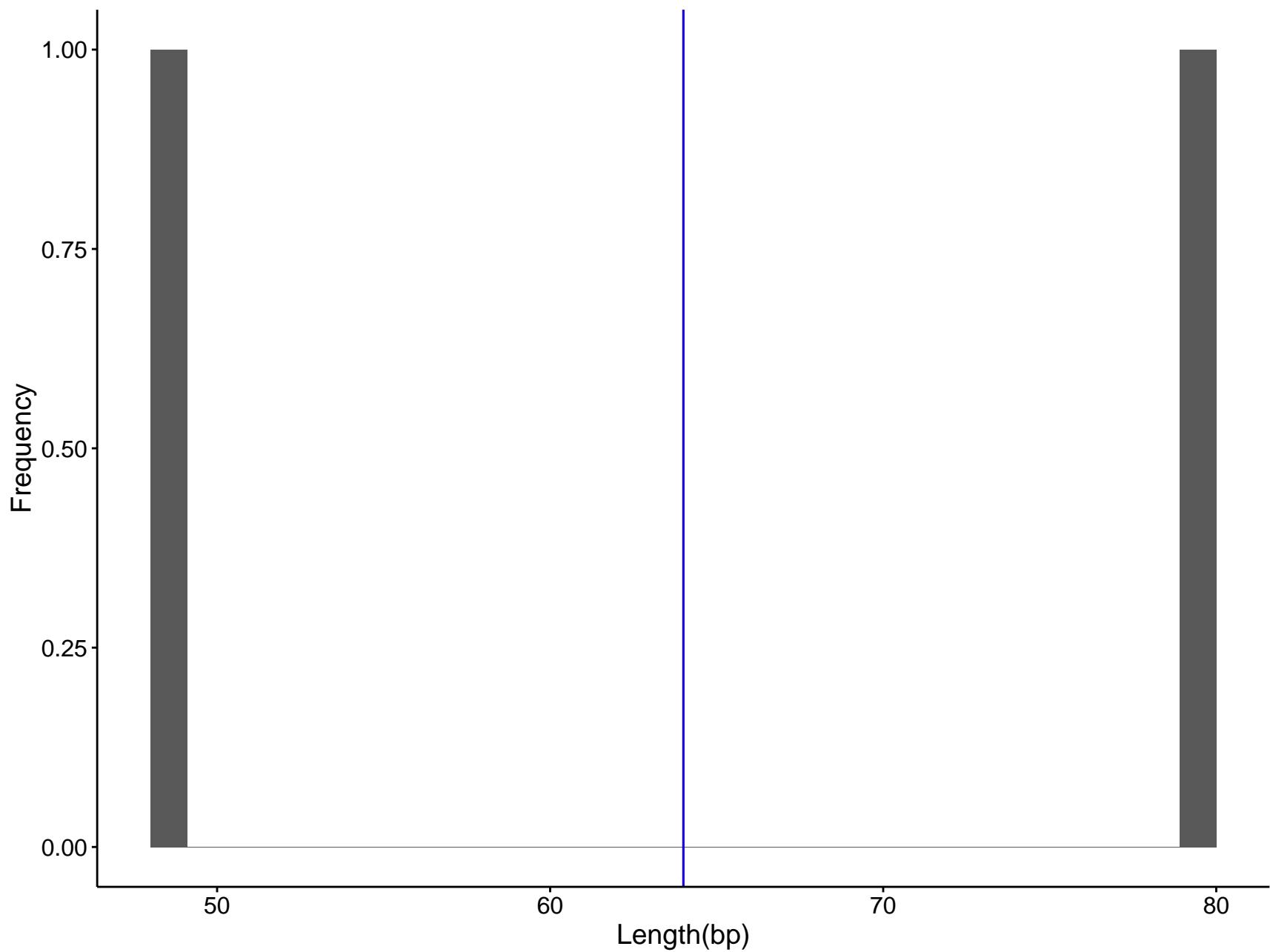
Cluster1294



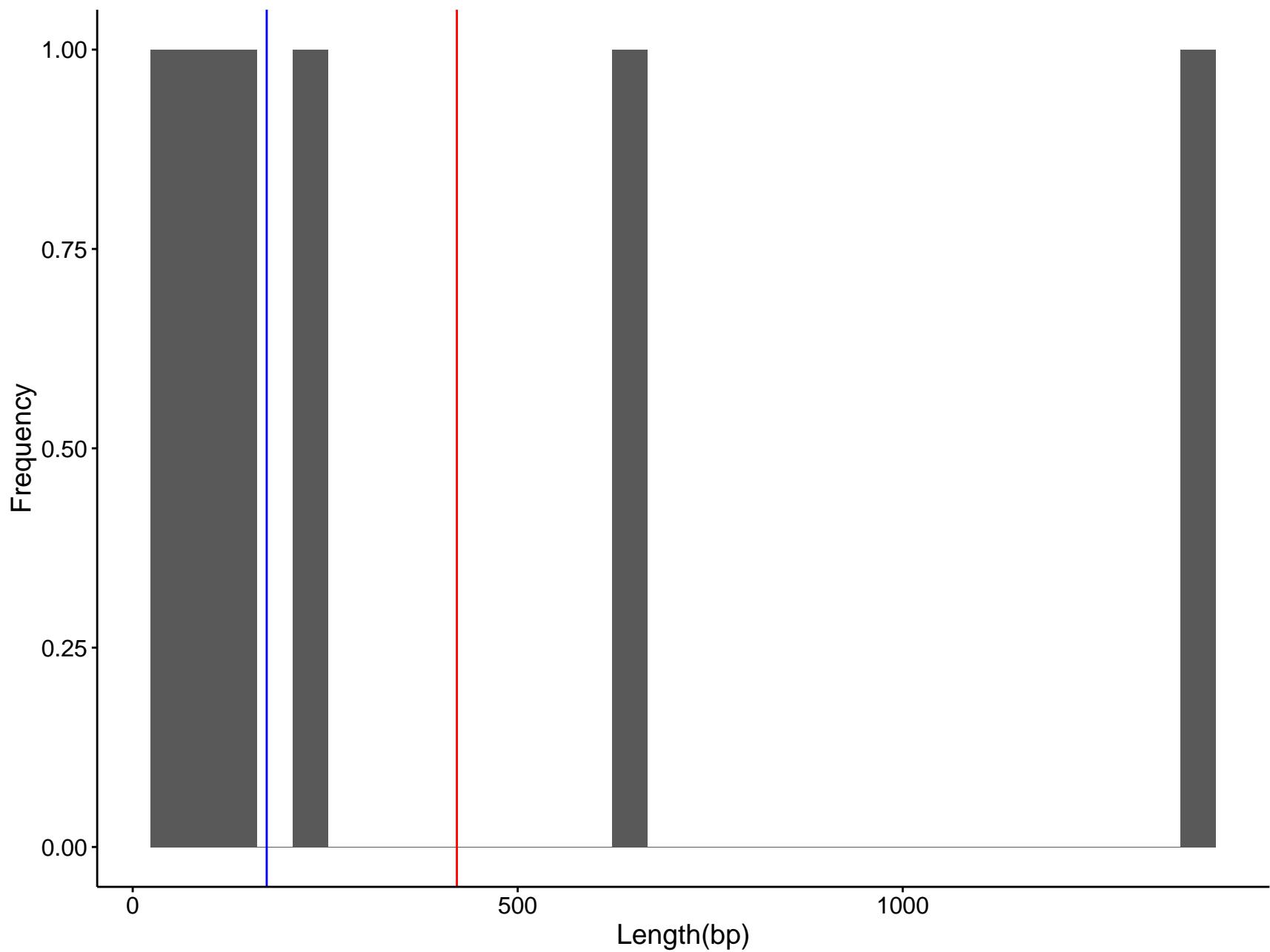
Cluster12



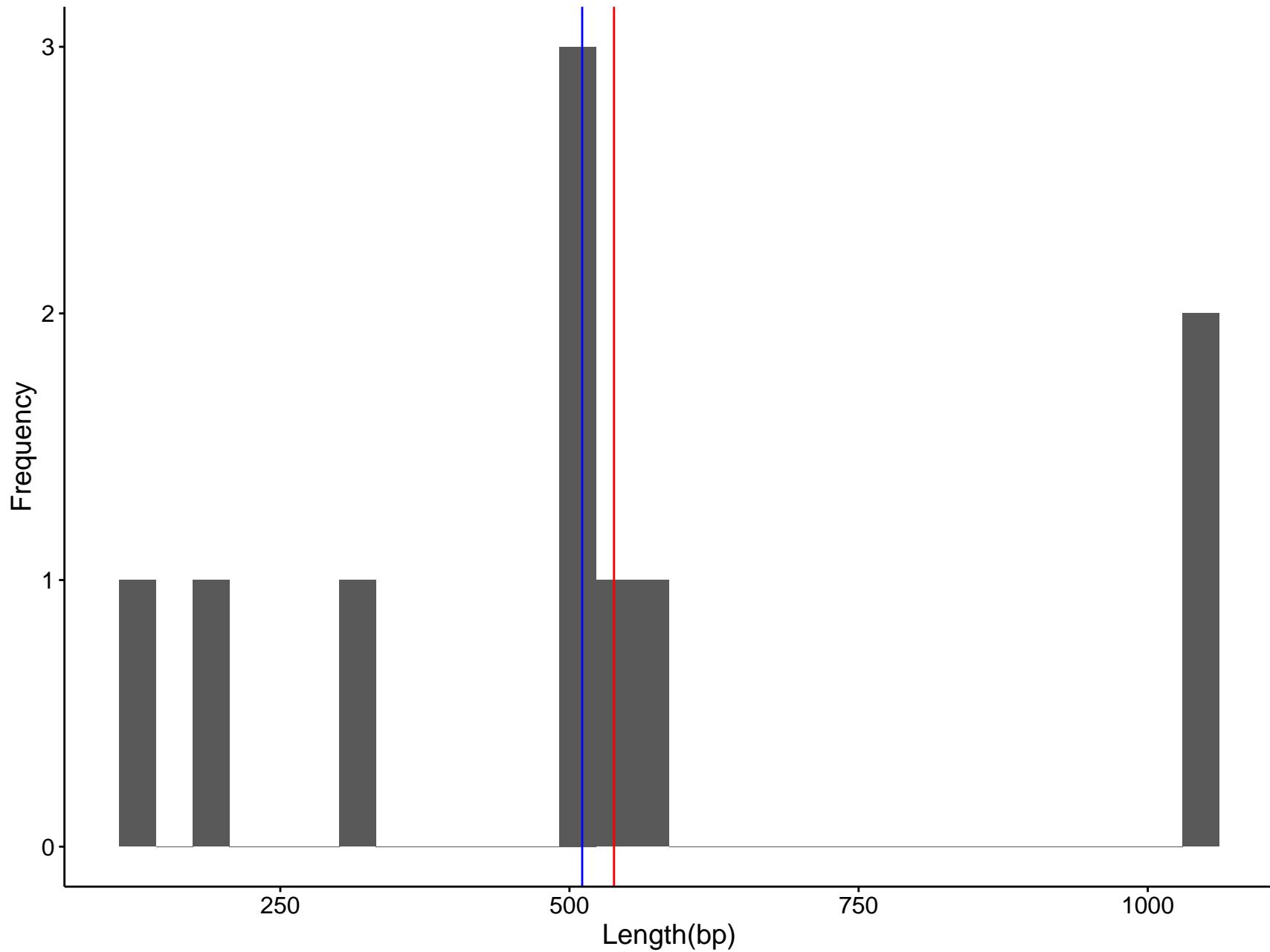
Cluster1301



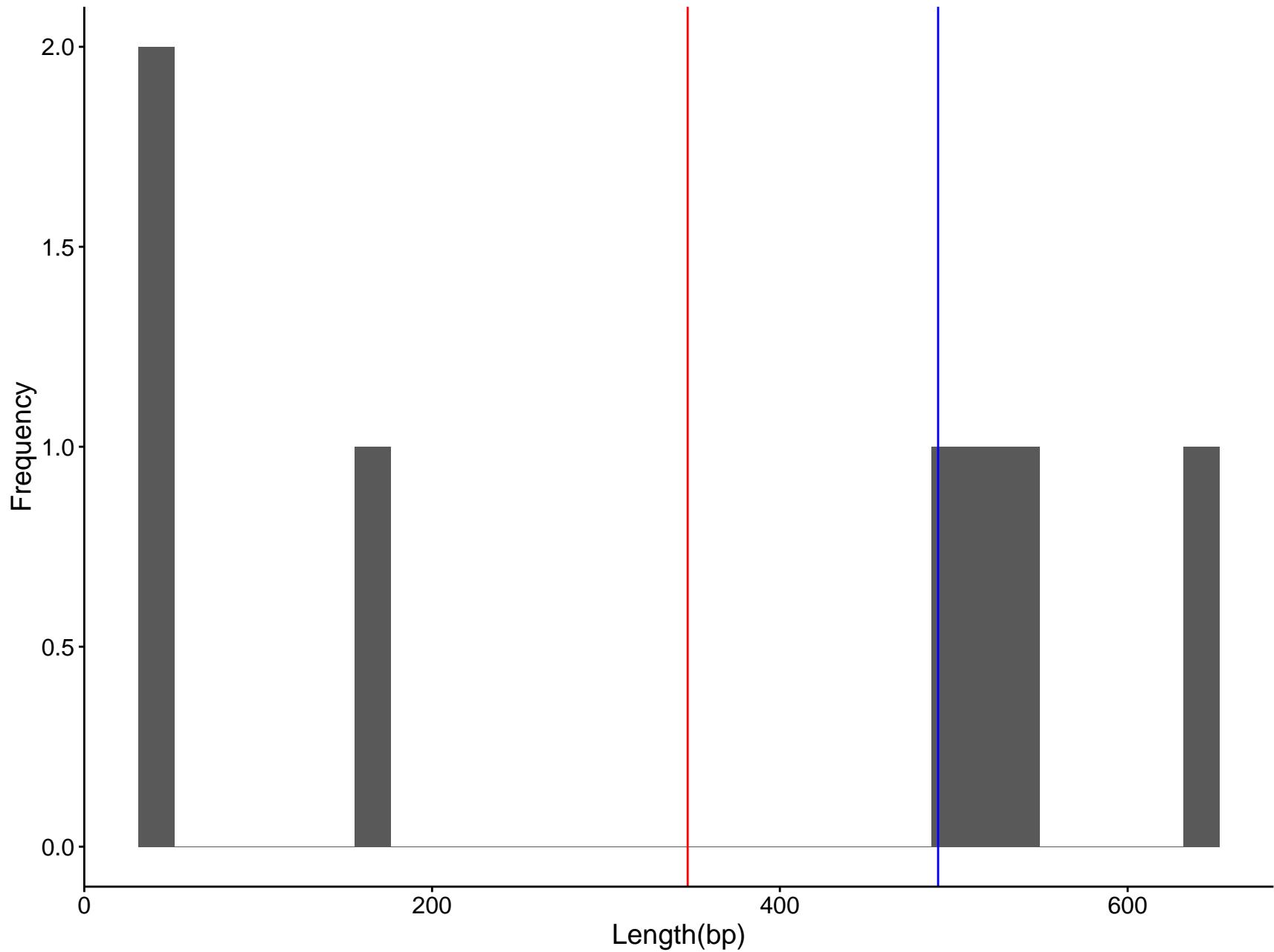
Cluster1303



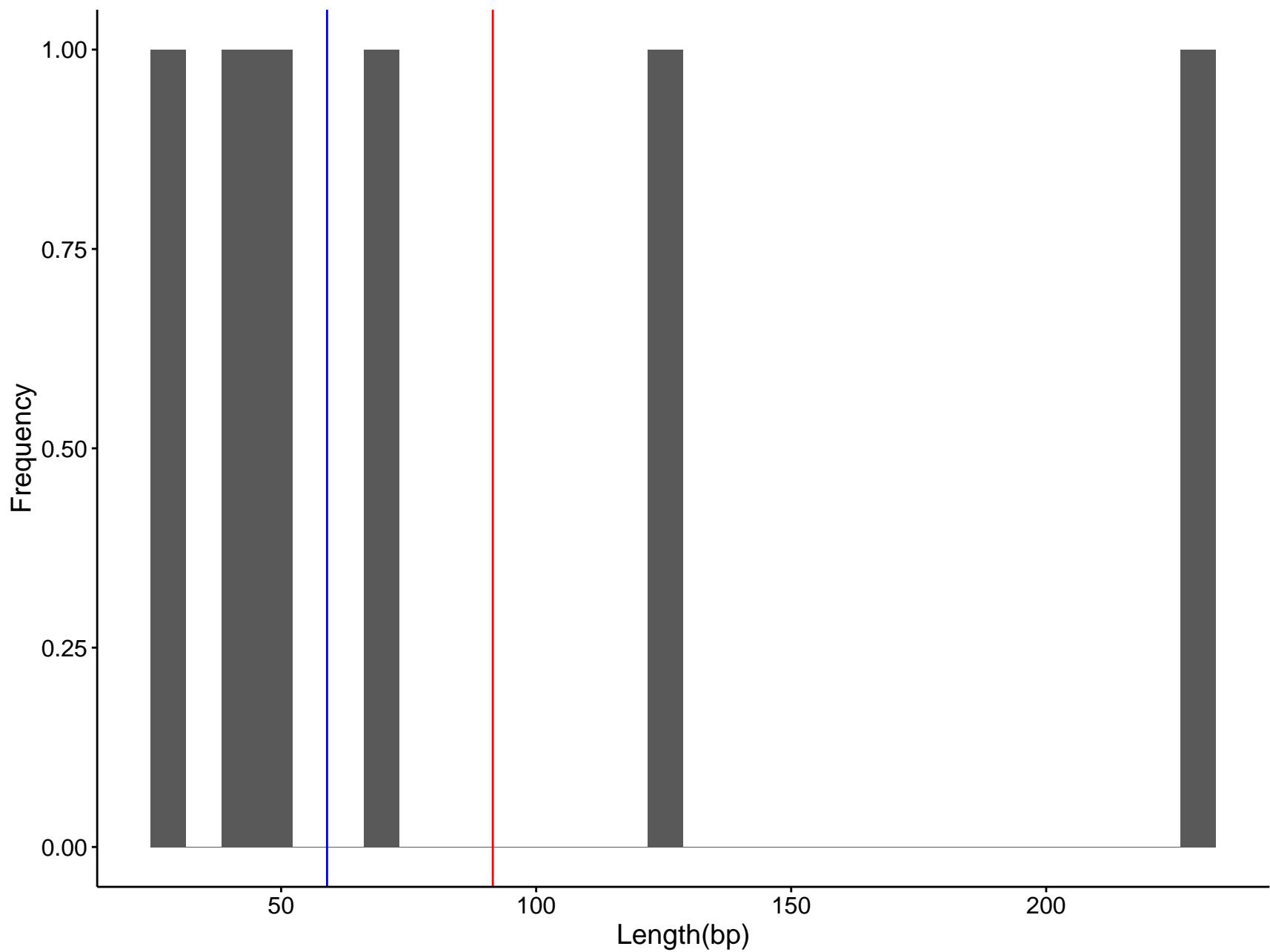
Cluster1304



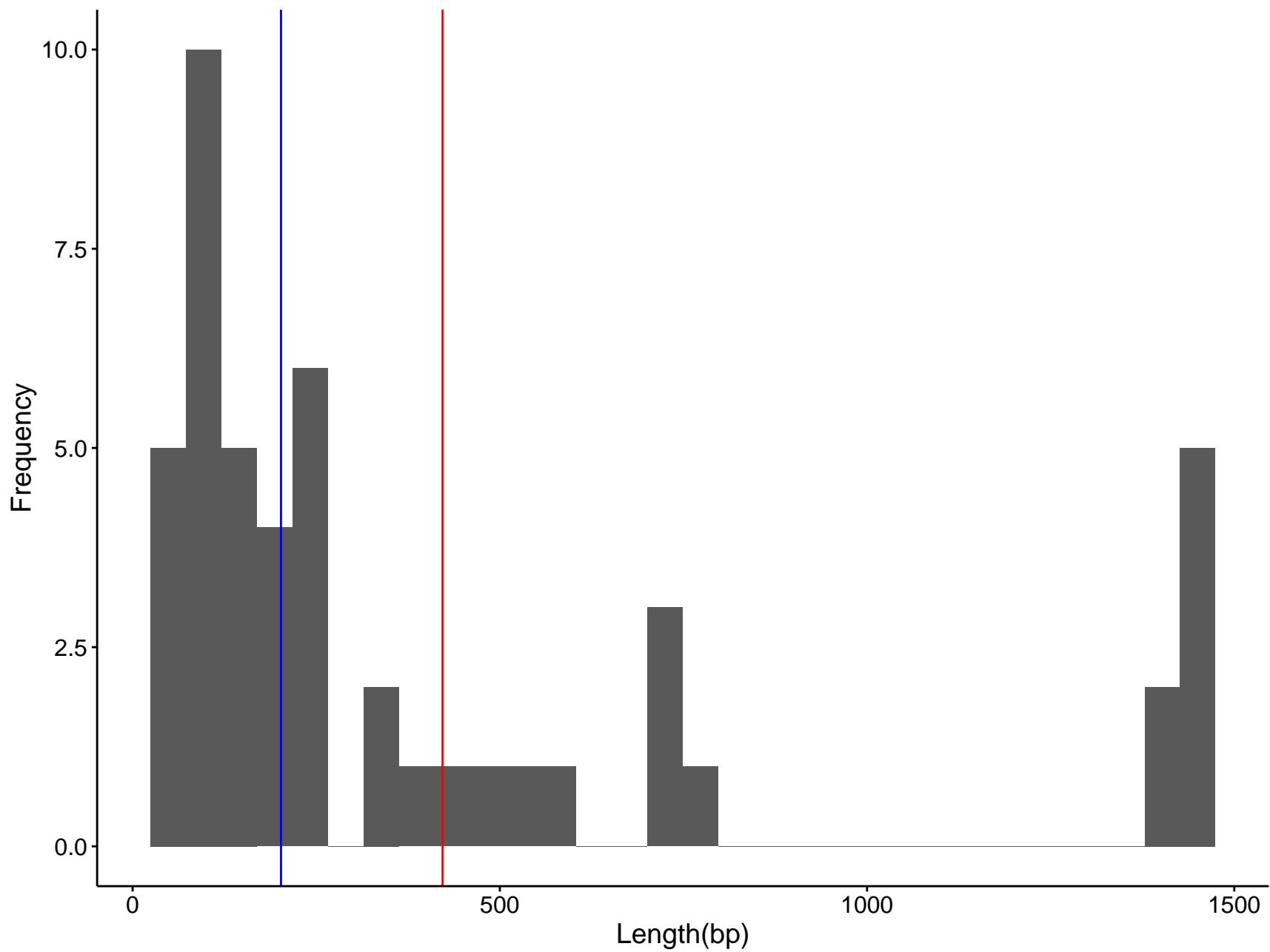
Cluster1305



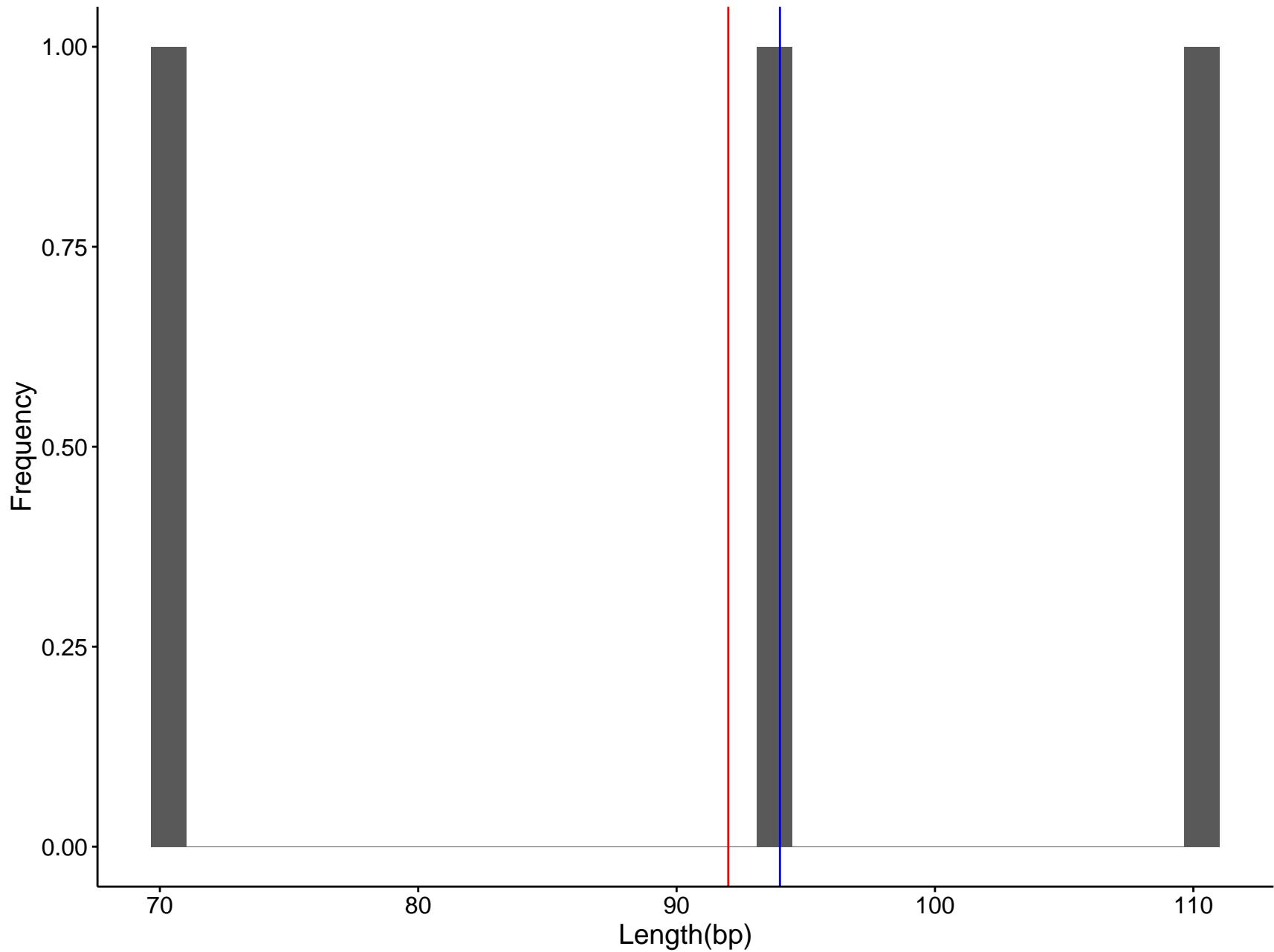
Cluster1308



Cluster1309



Cluster130



Cluster1310

Frequency

41.950

41.975

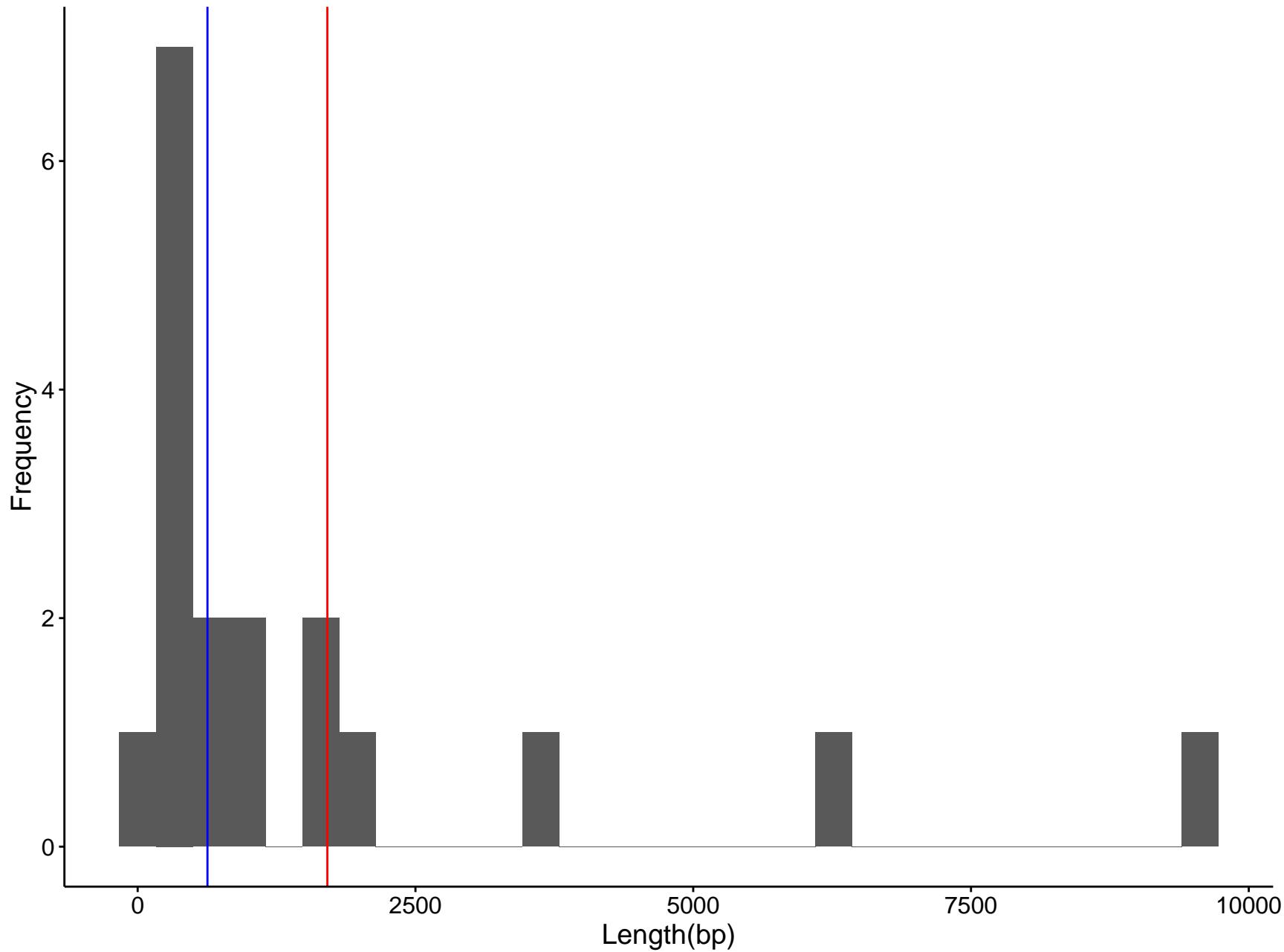
42.000

42.025

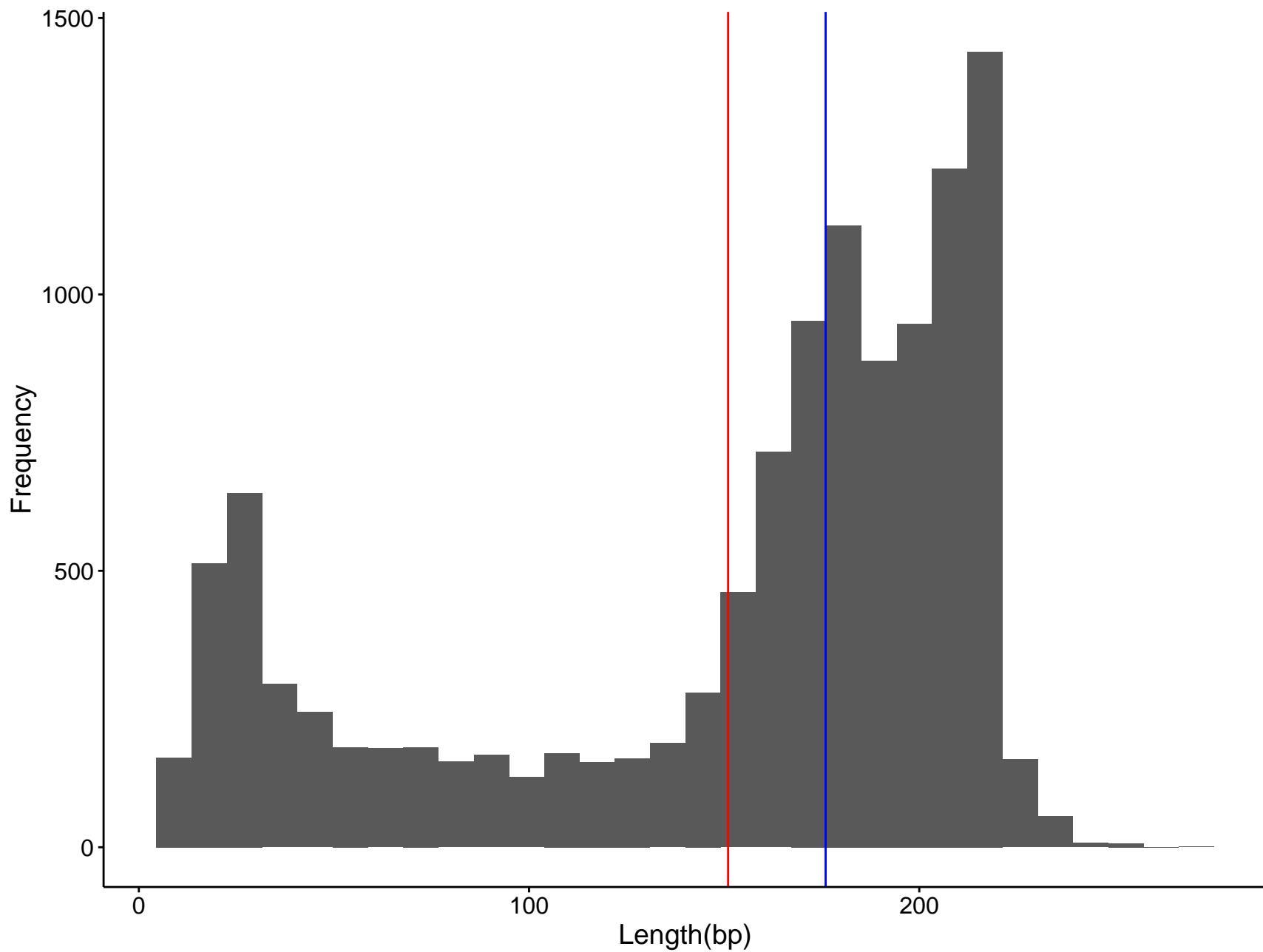
Length(bp)



Cluster1312



Cluster1313



Cluster1314

Frequency

151.950

151.975

152.000

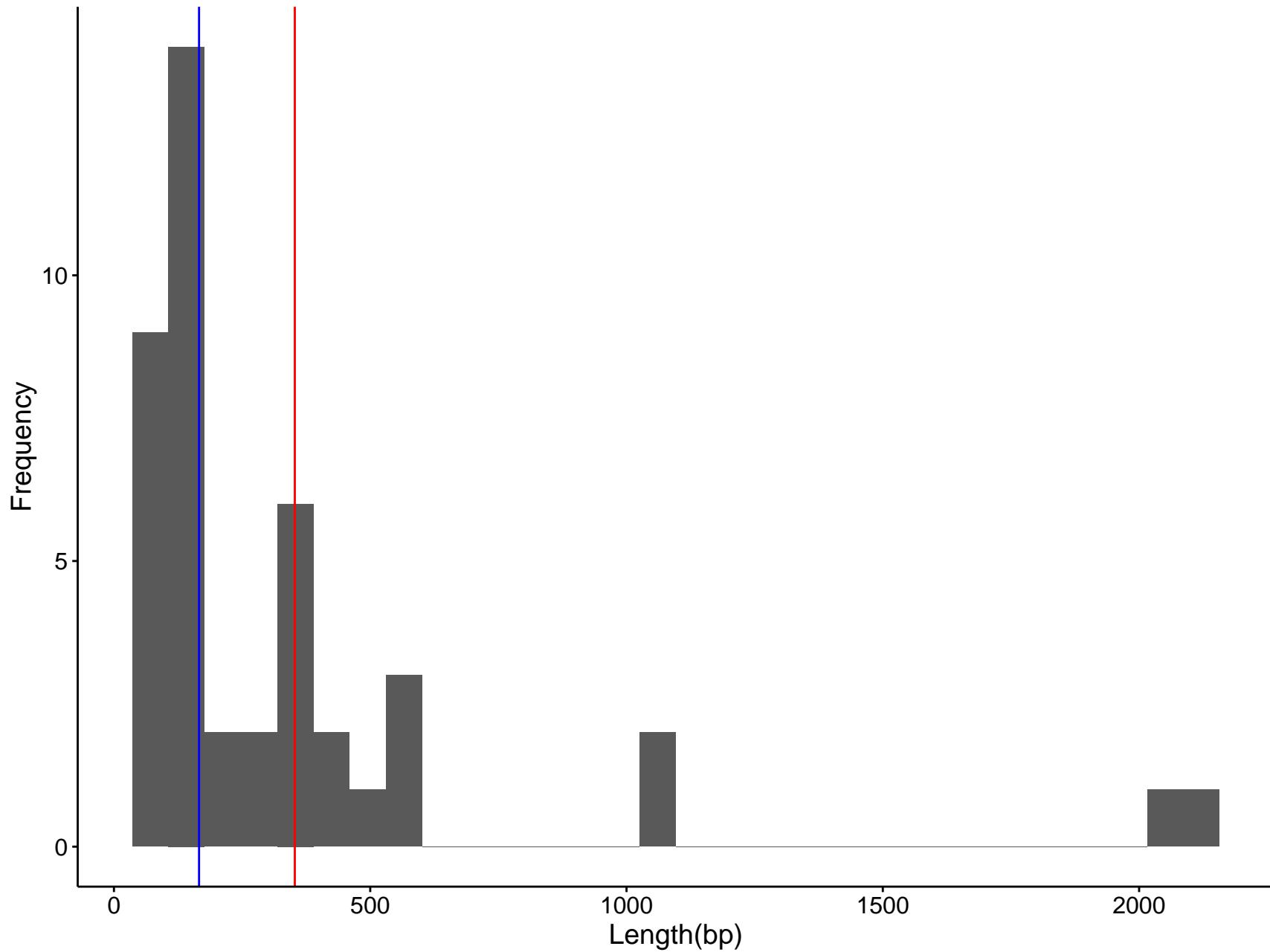
152.025

152.050

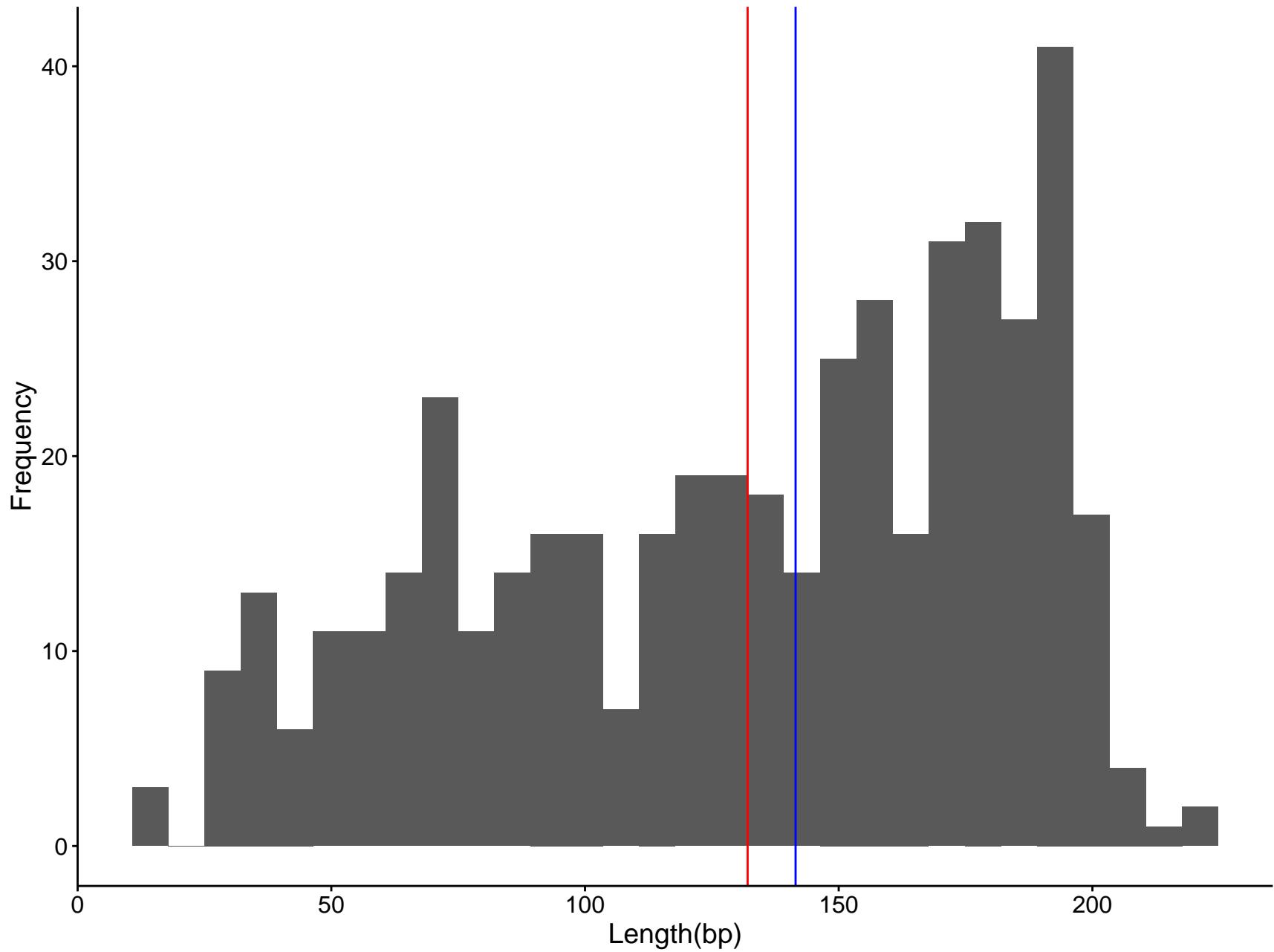
Length(bp)



Cluster1315



Cluster1316



Cluster1317

Frequency

57.950

57.975

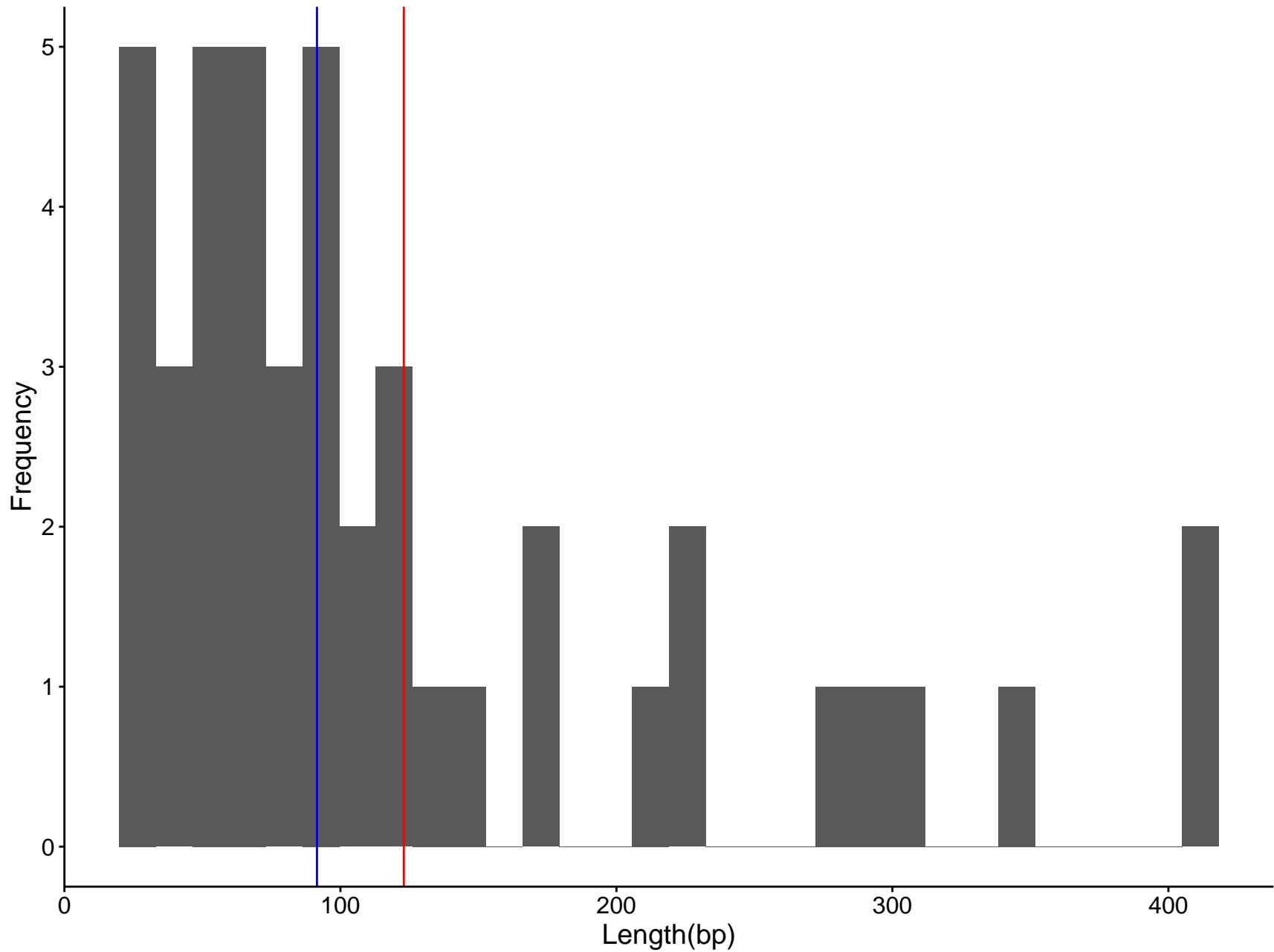
58.000

58.025

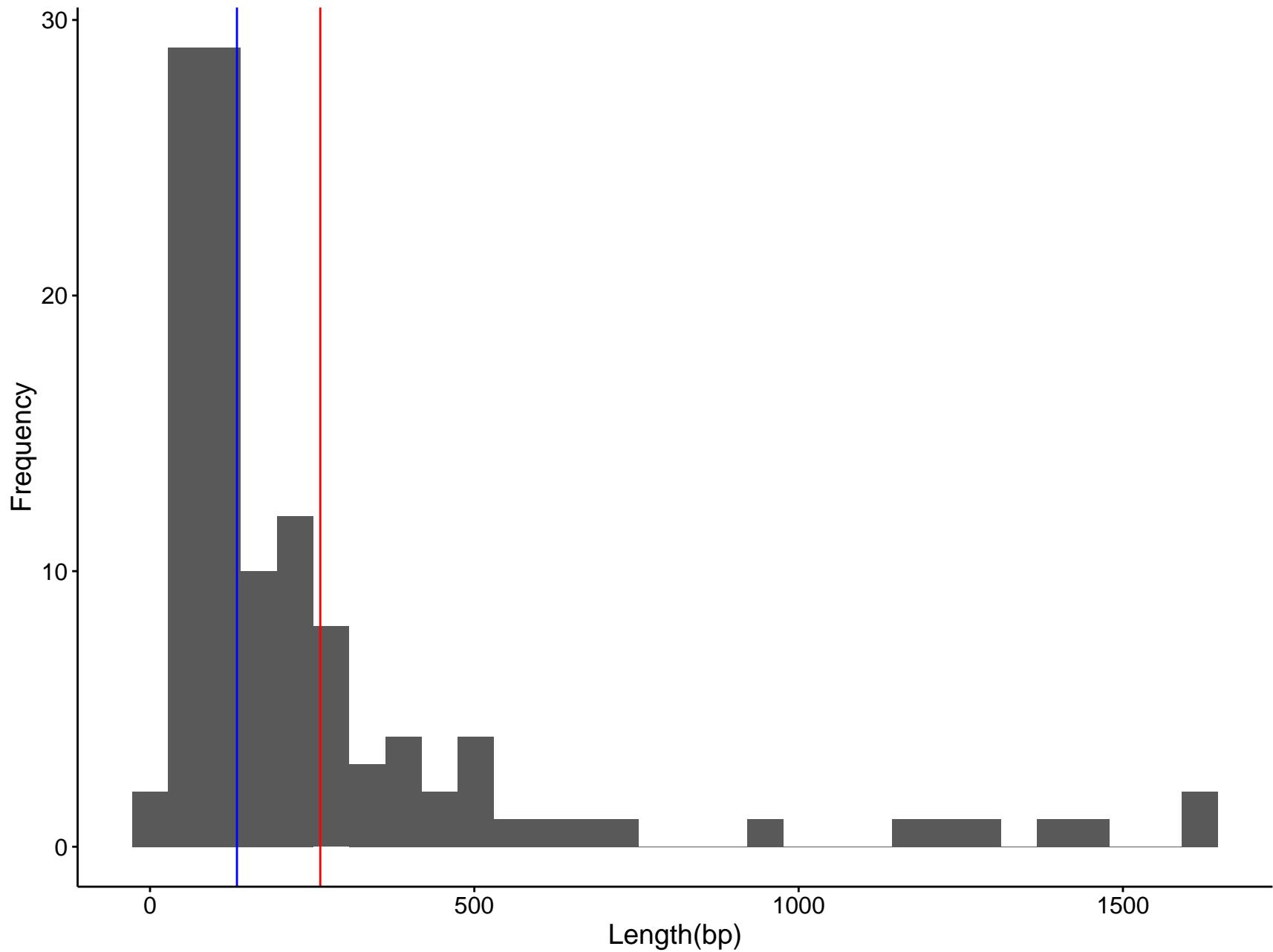
Length(bp)



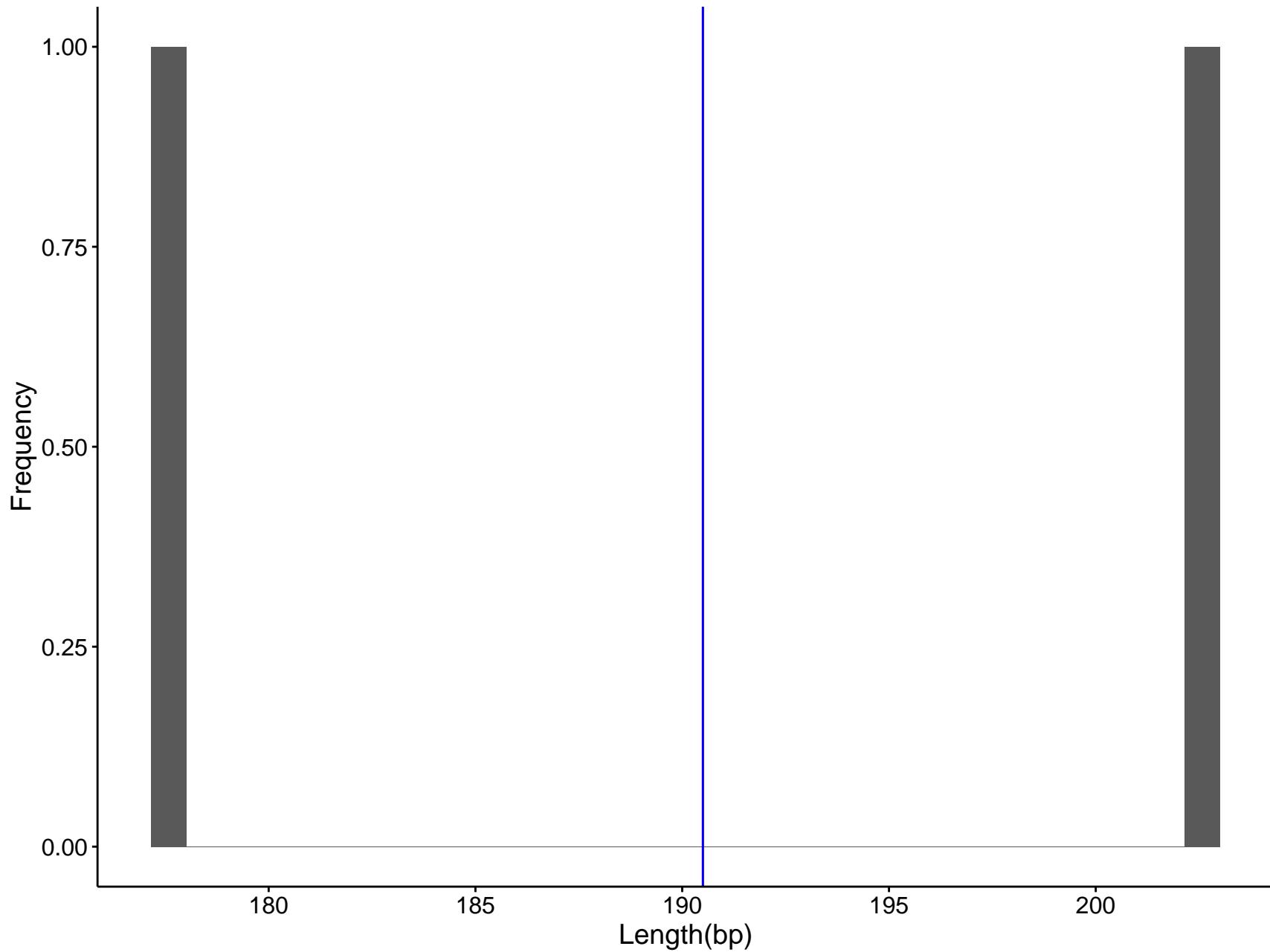
Cluster1318



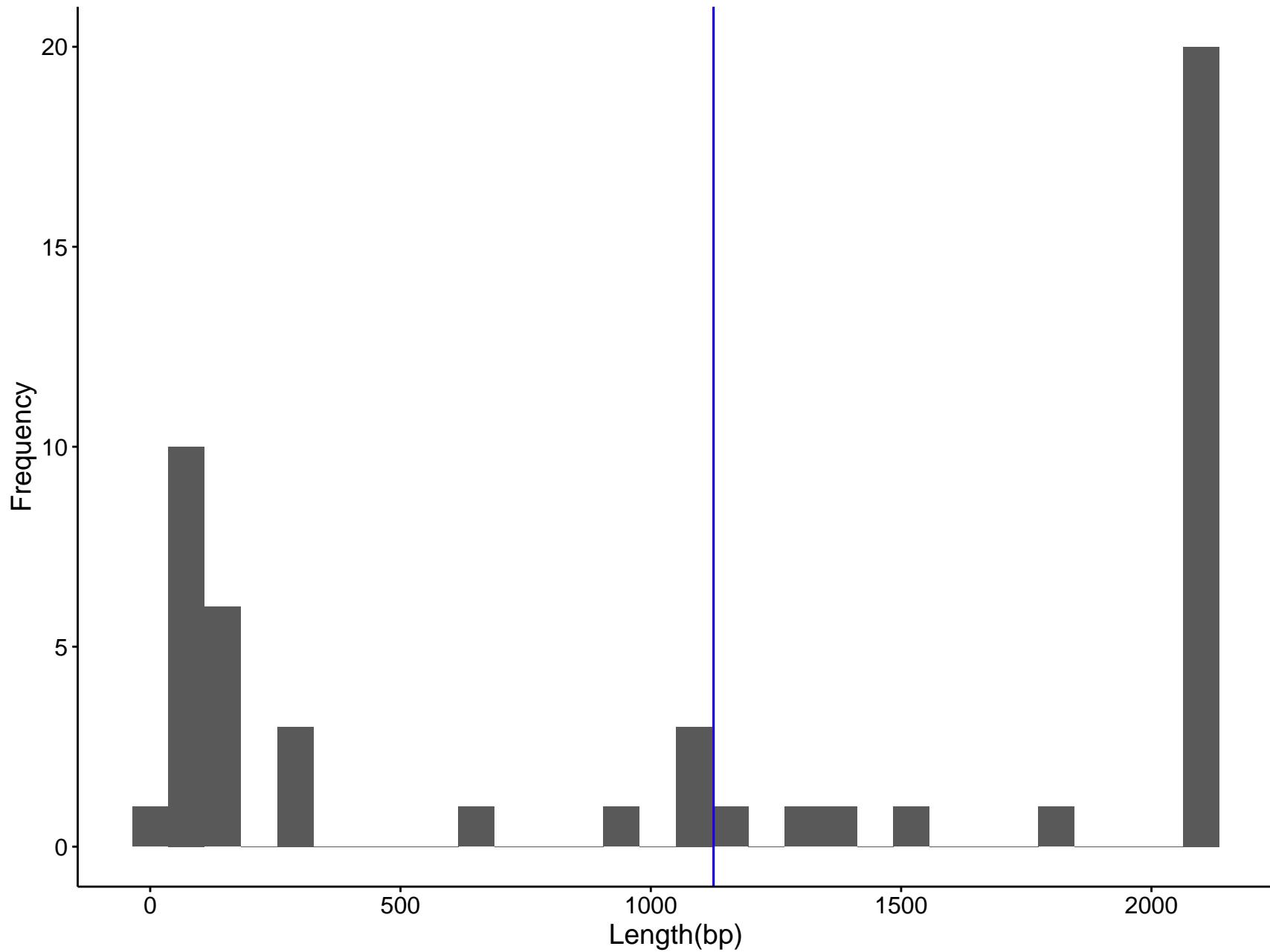
Cluster1319



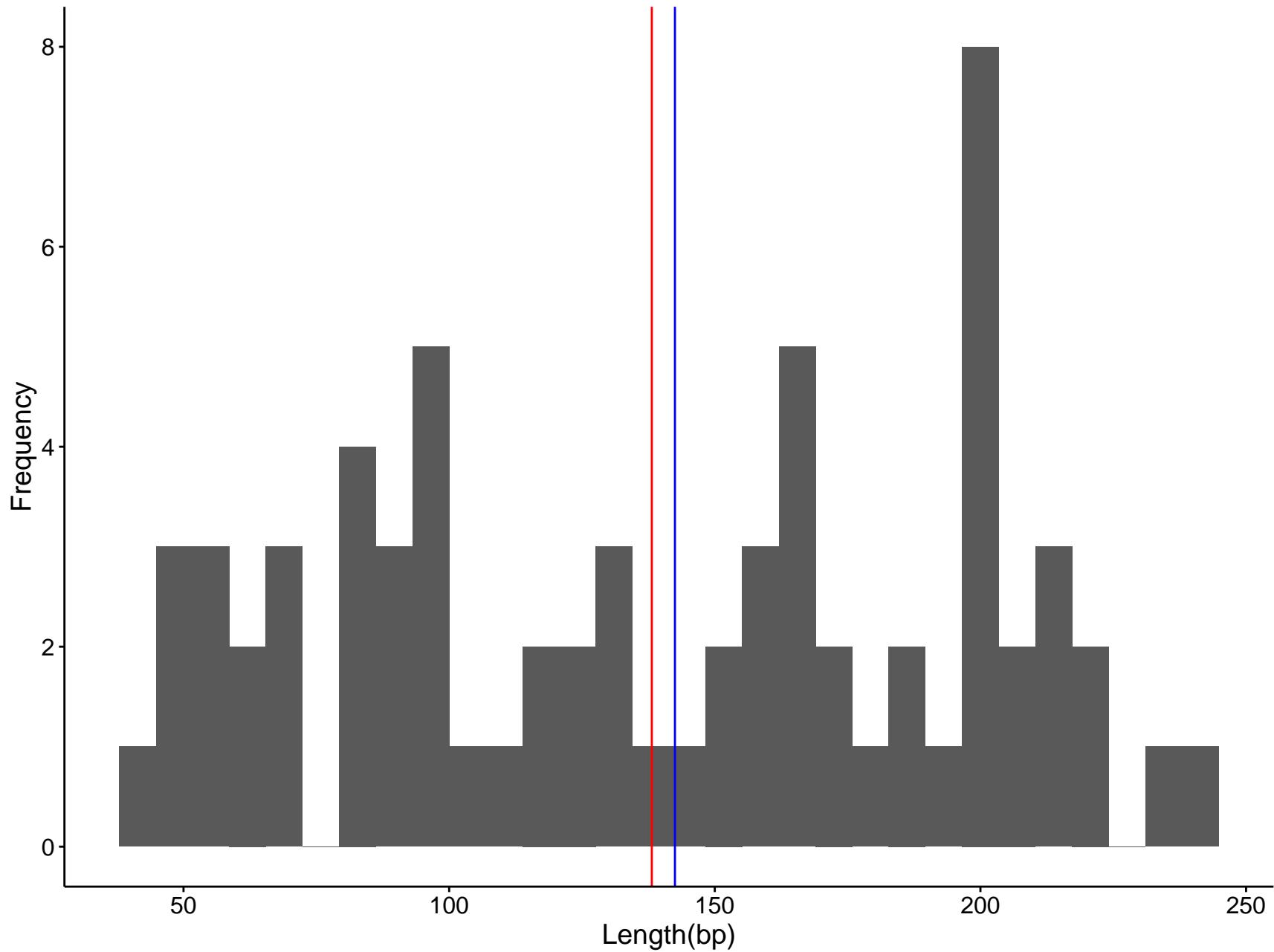
Cluster131



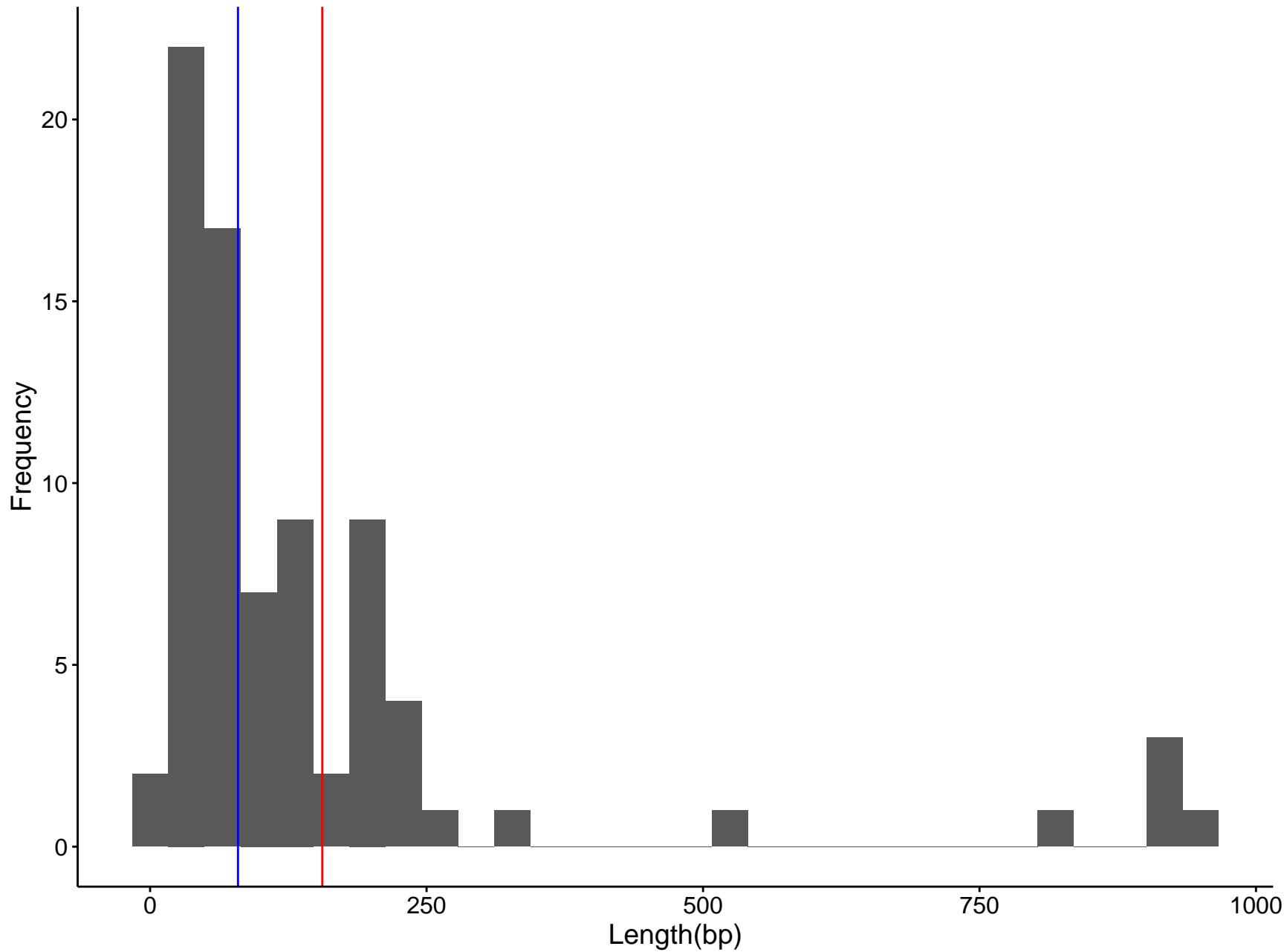
Cluster1320



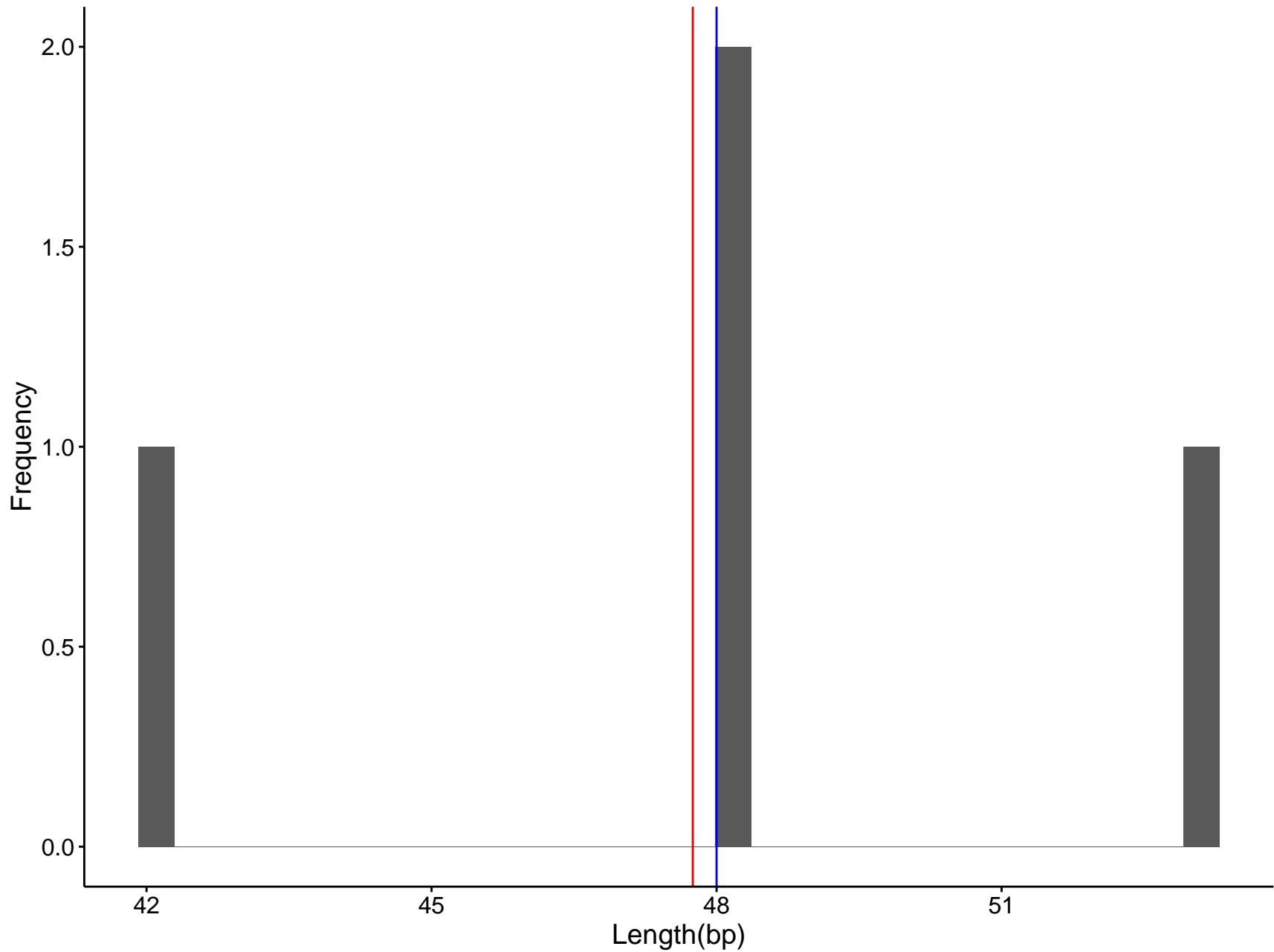
Cluster1321



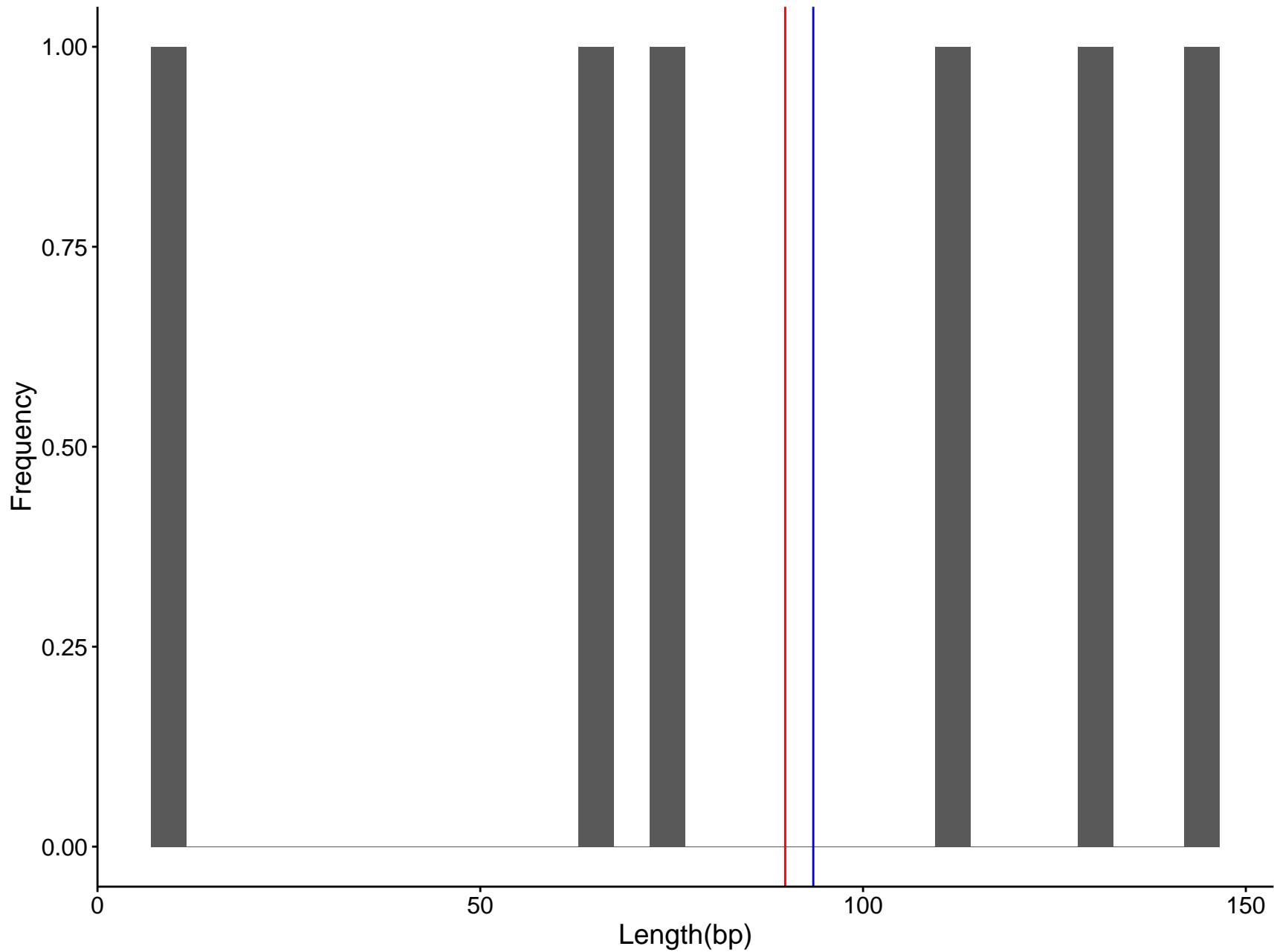
Cluster1322



Cluster1323



Cluster1326



Cluster1327

Frequency

109.950

109.975

110.000

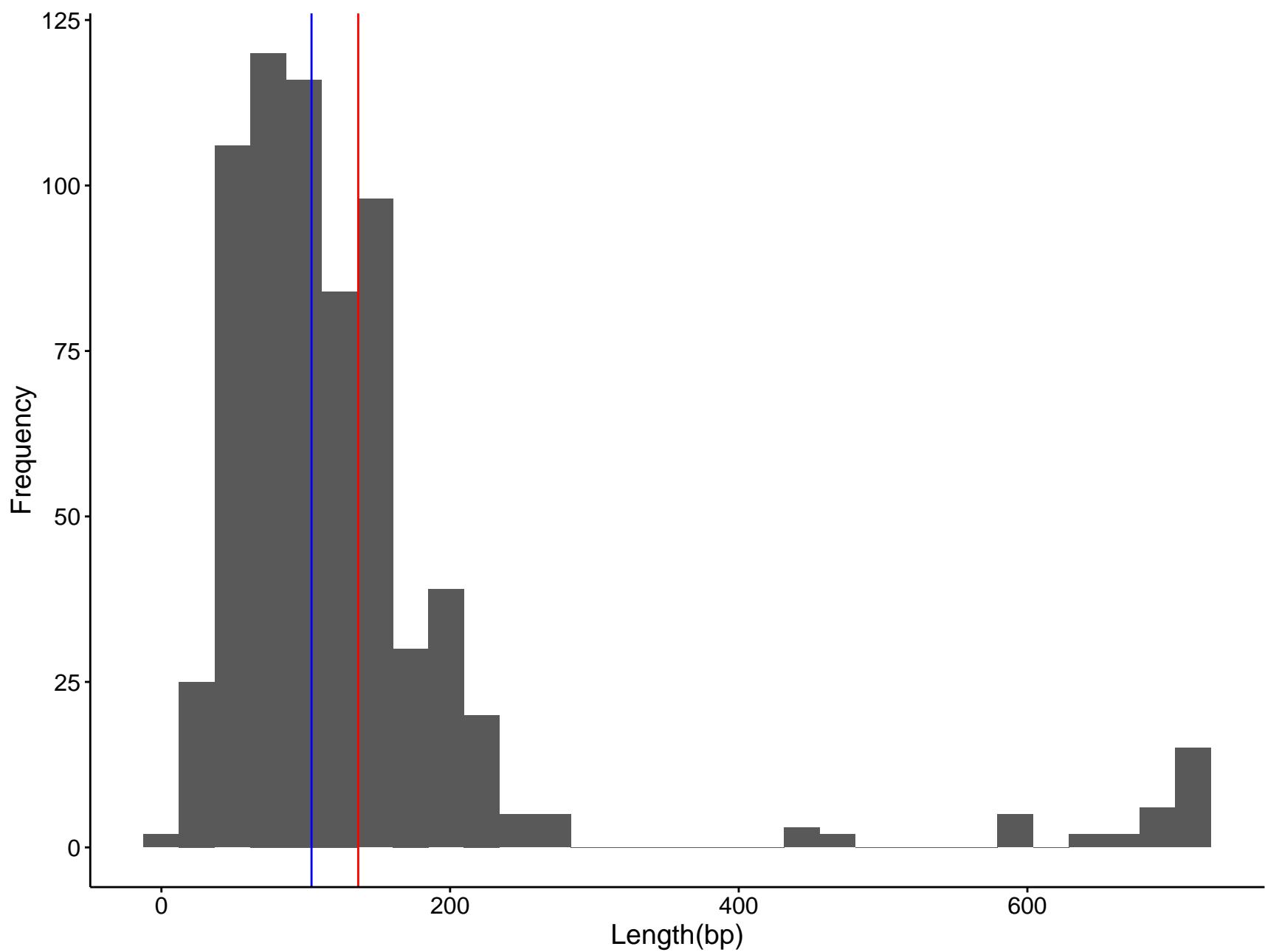
110.025

110.050

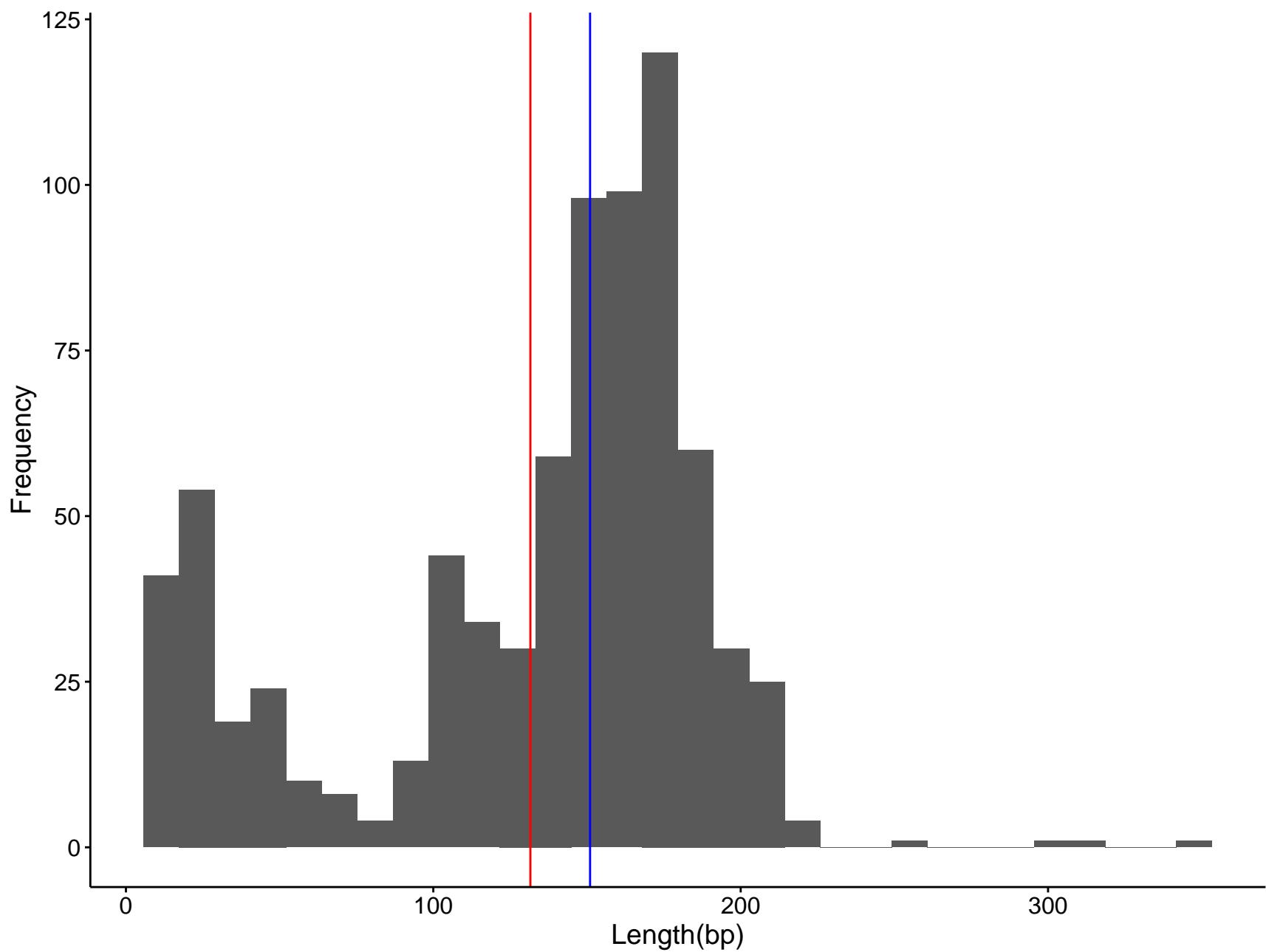
Length(bp)



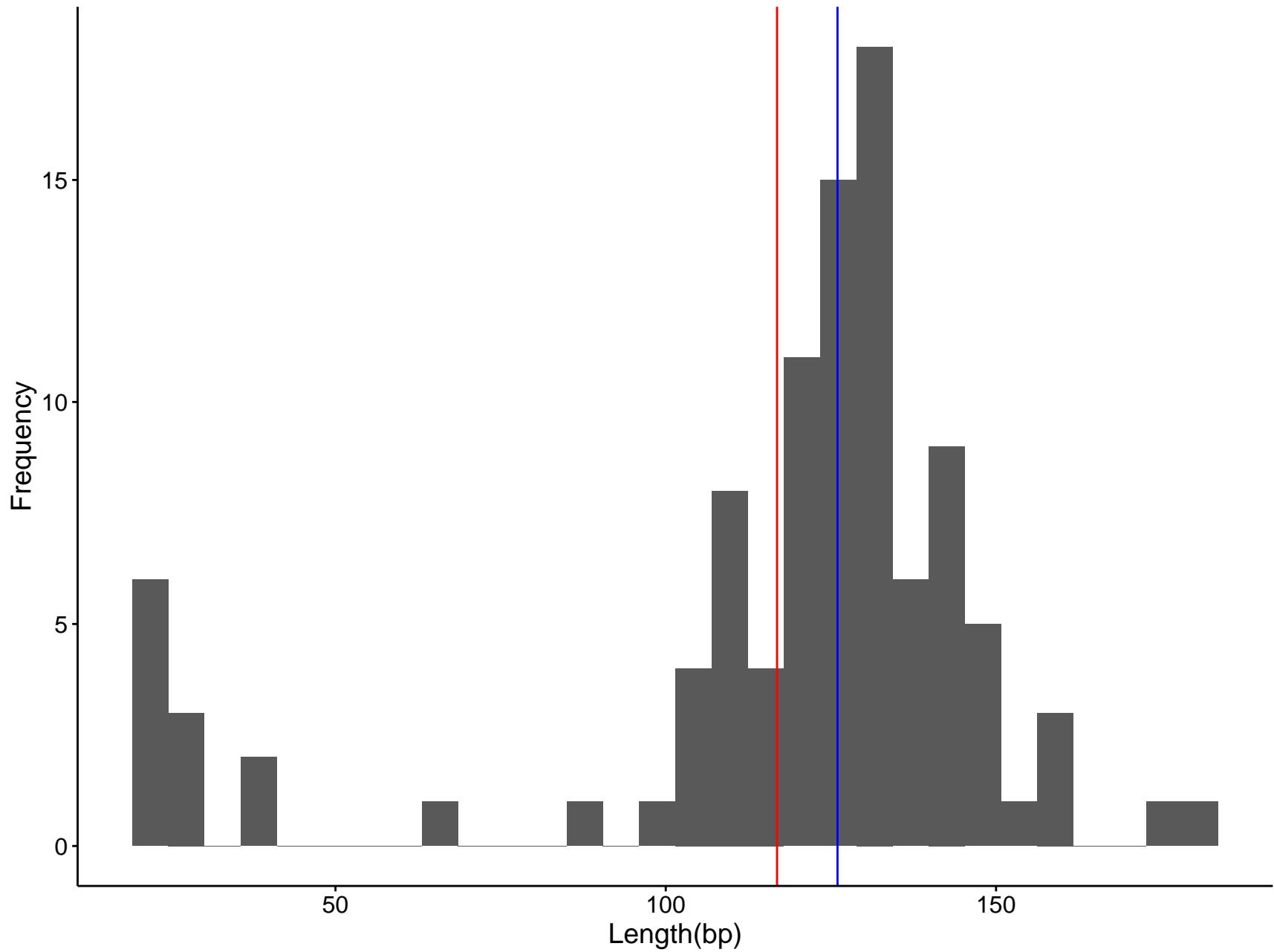
Cluster1330



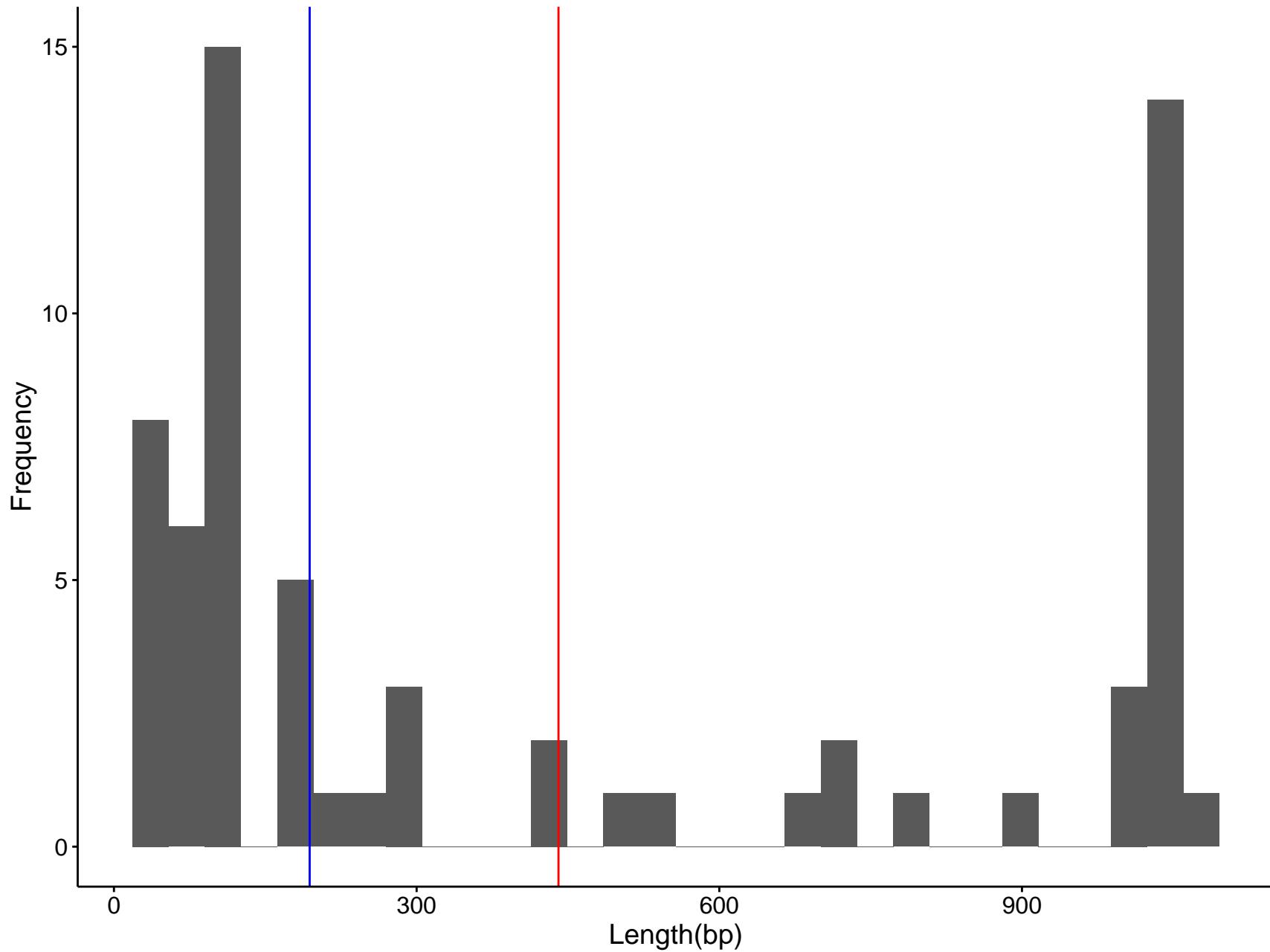
Cluster1331



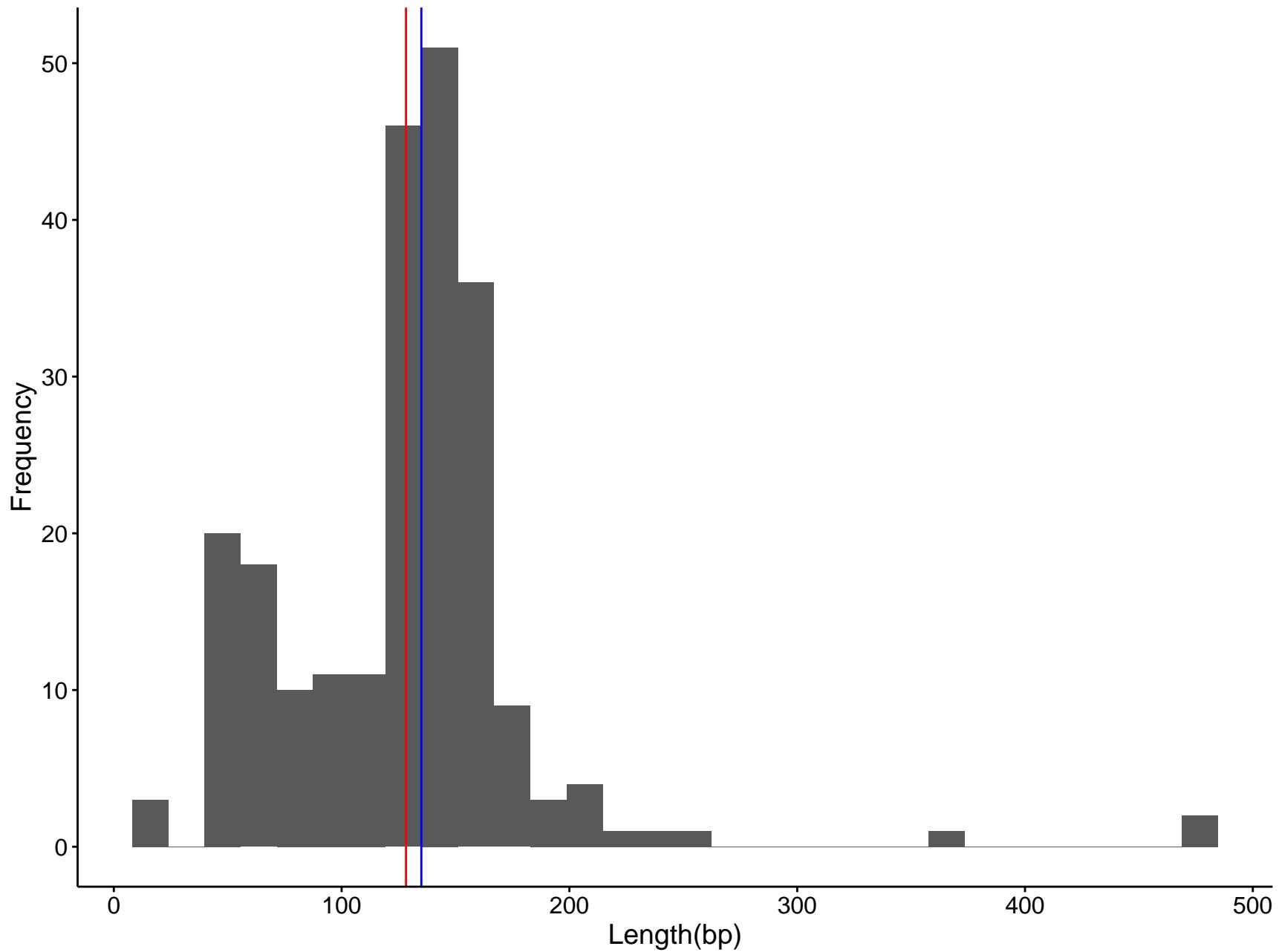
Cluster1332



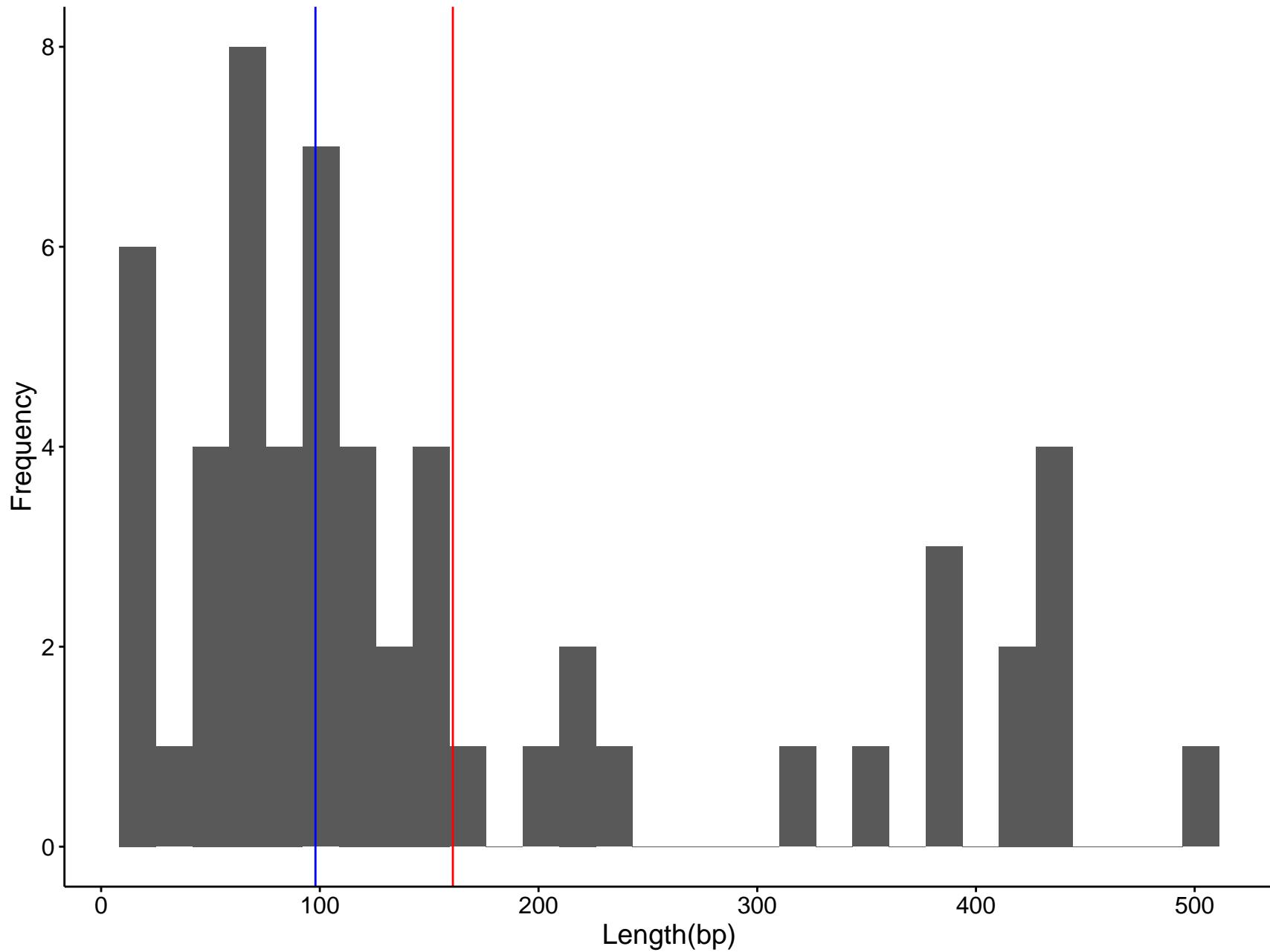
Cluster1333



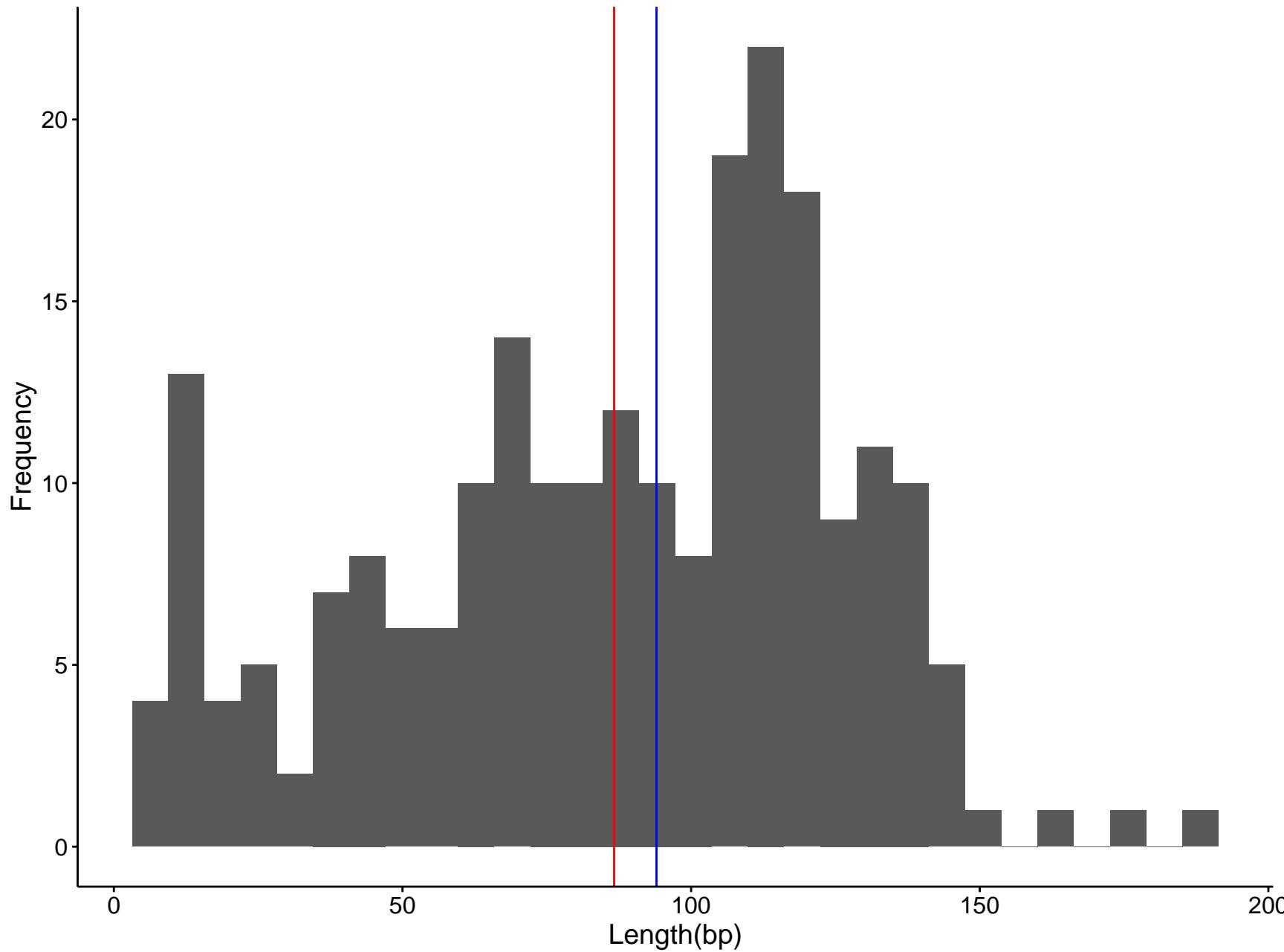
Cluster1334



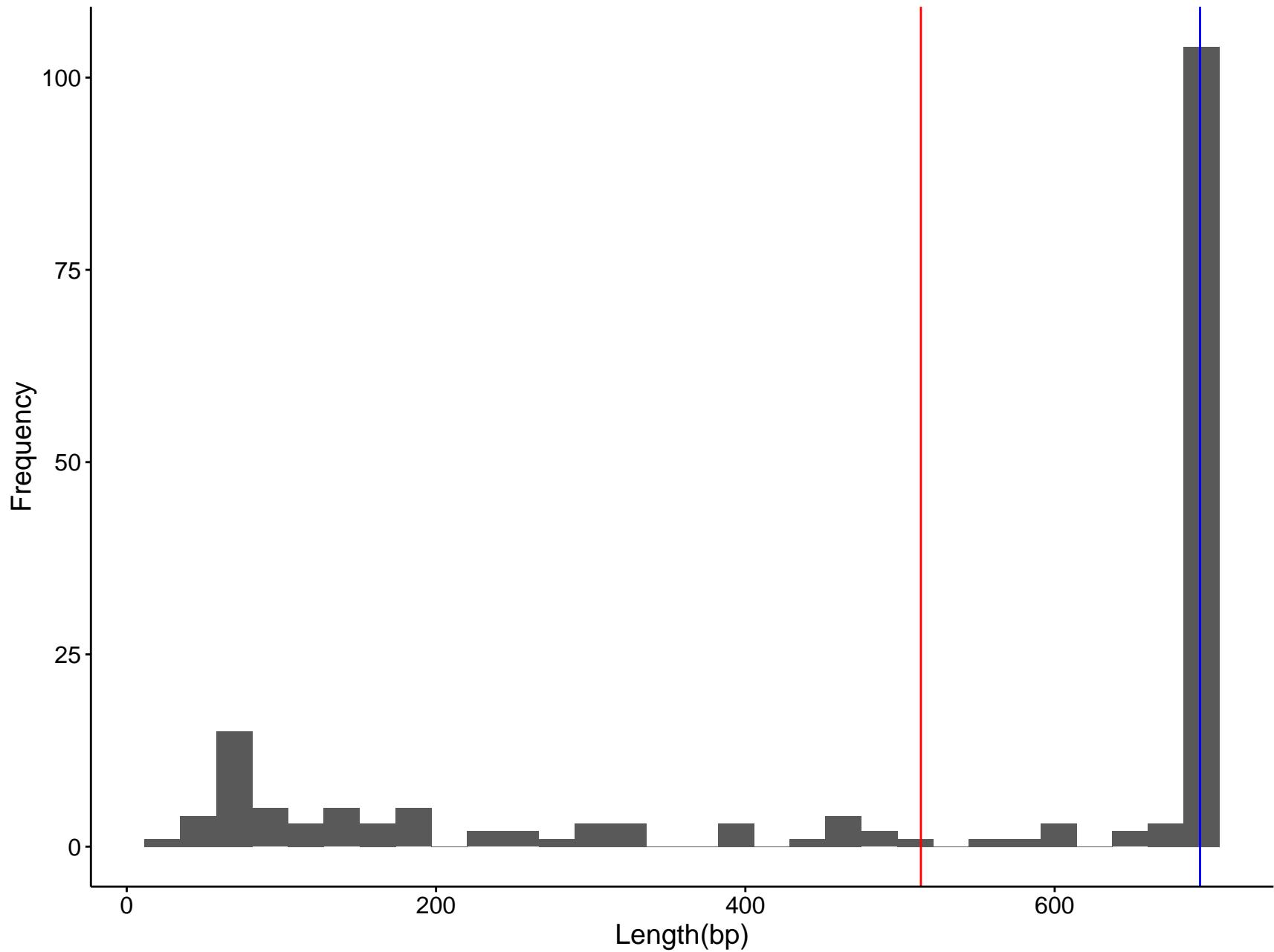
Cluster1335



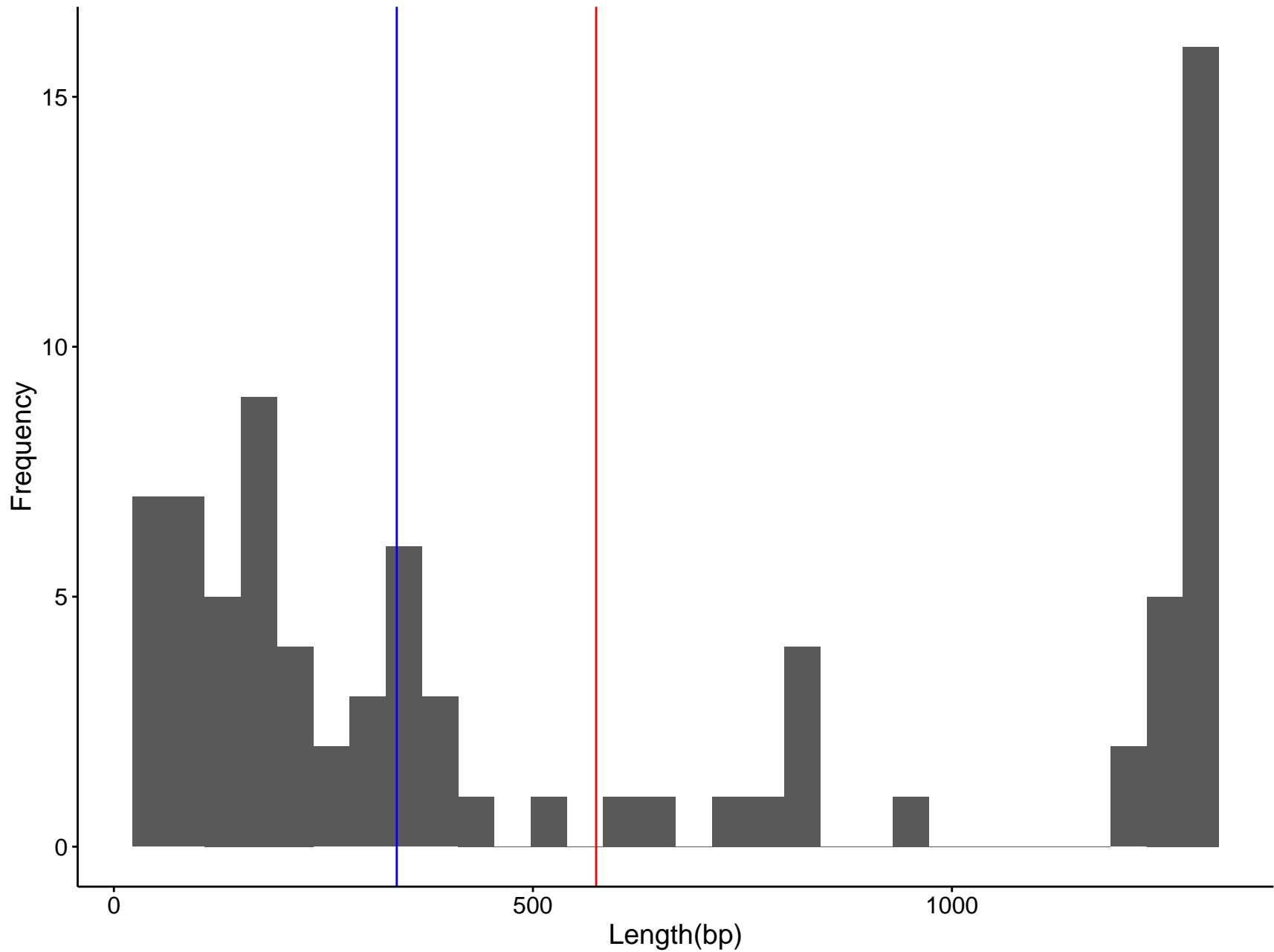
Cluster1336



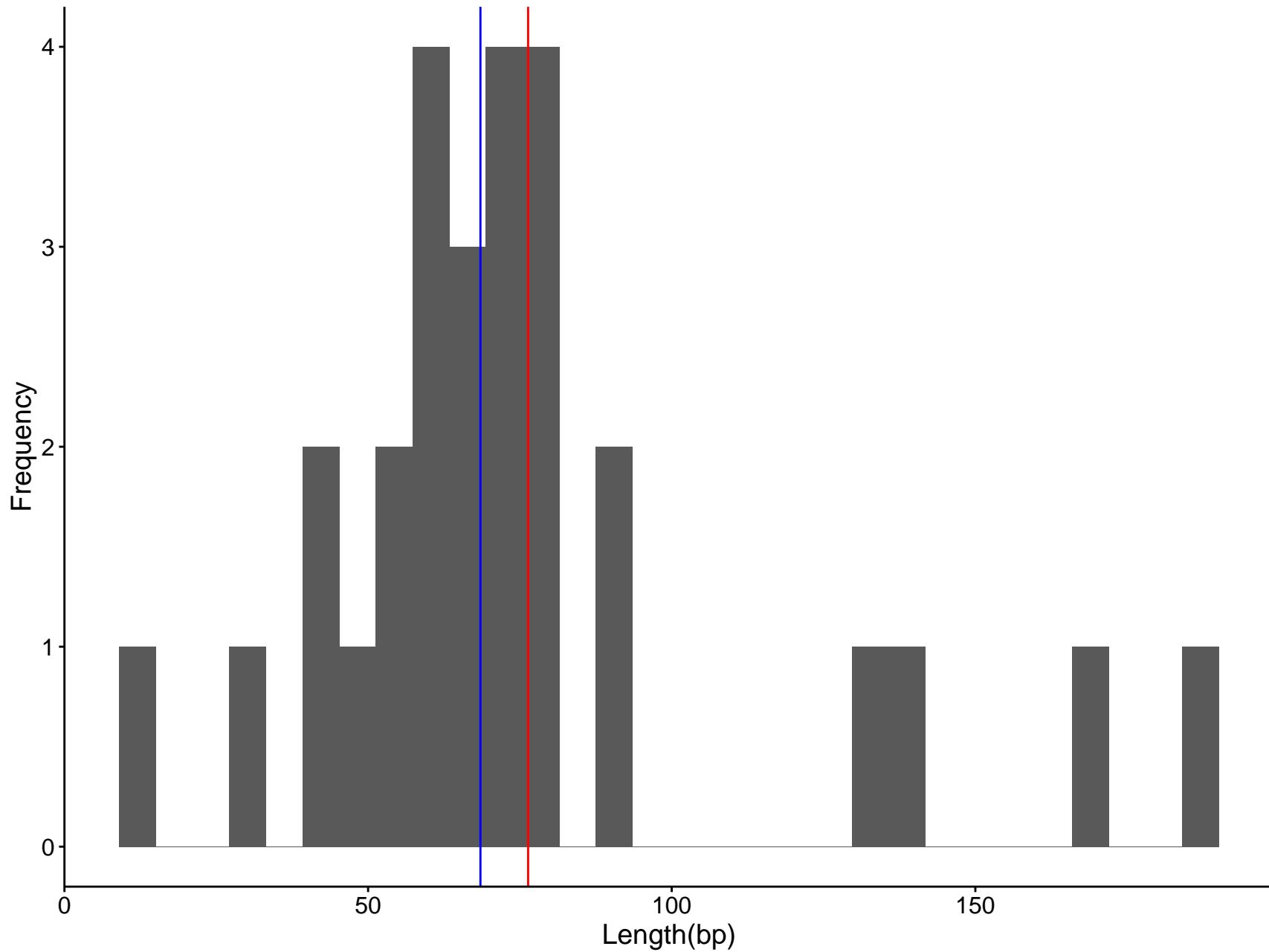
Cluster1337



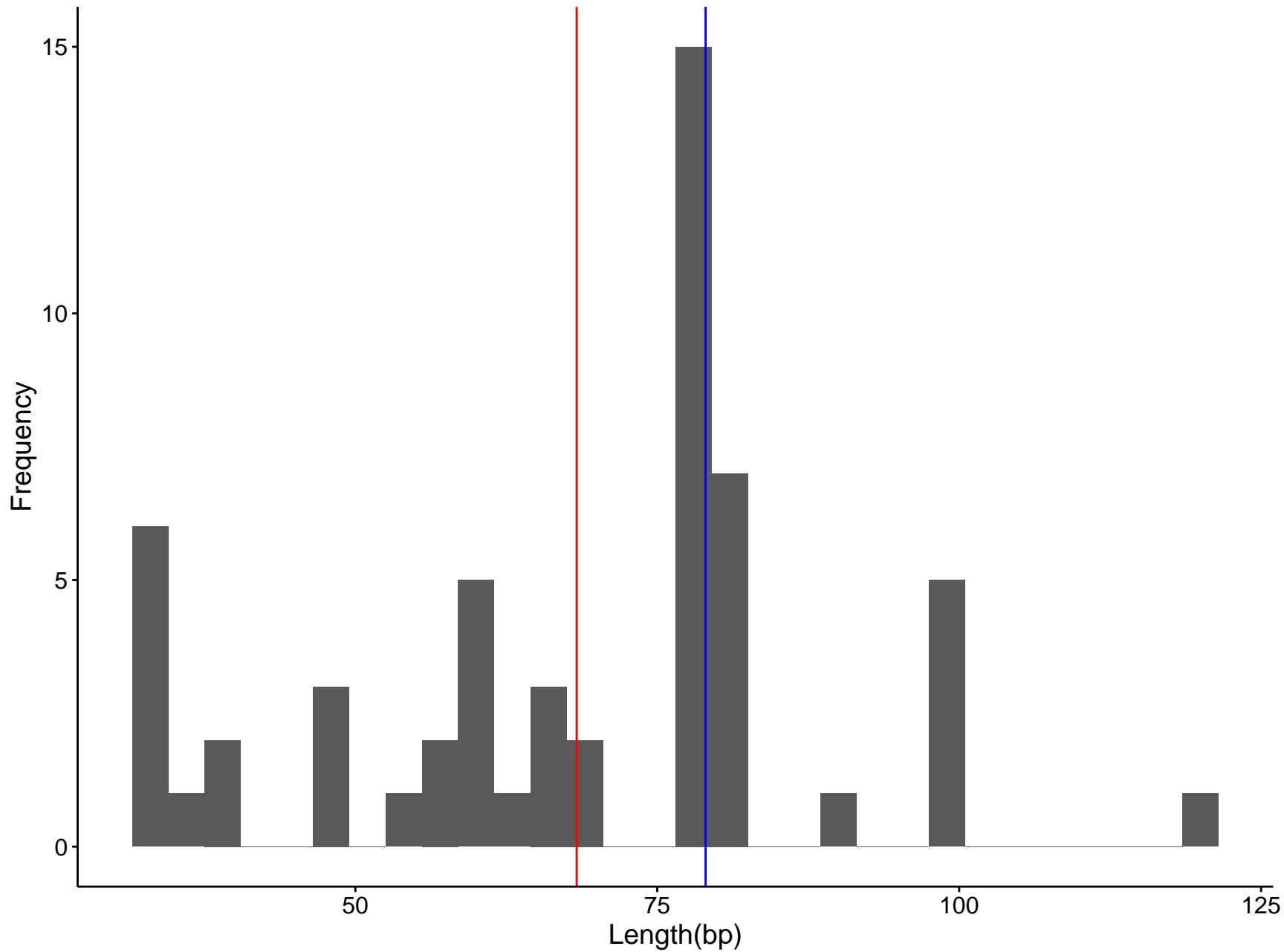
Cluster1338



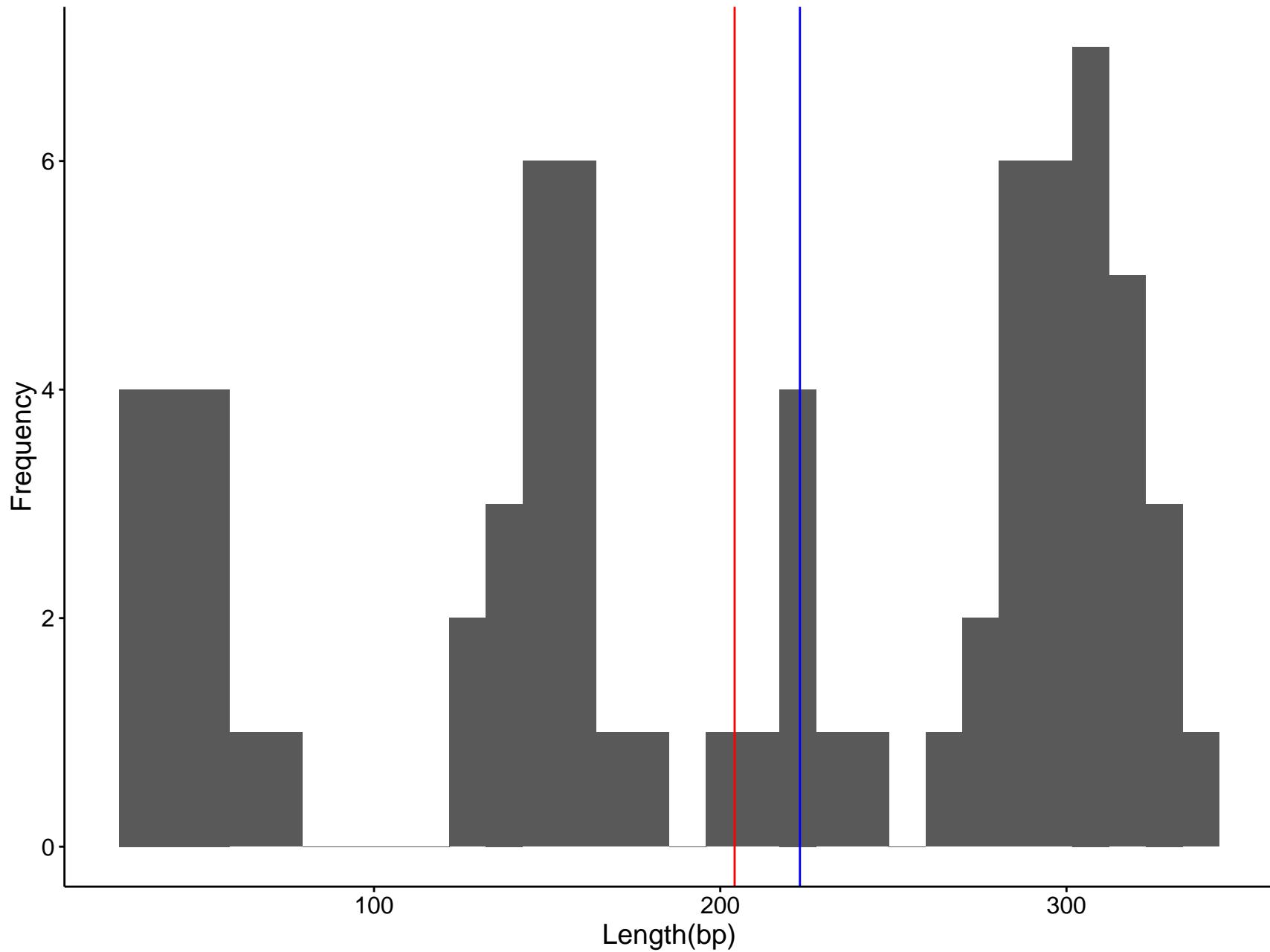
Cluster1340



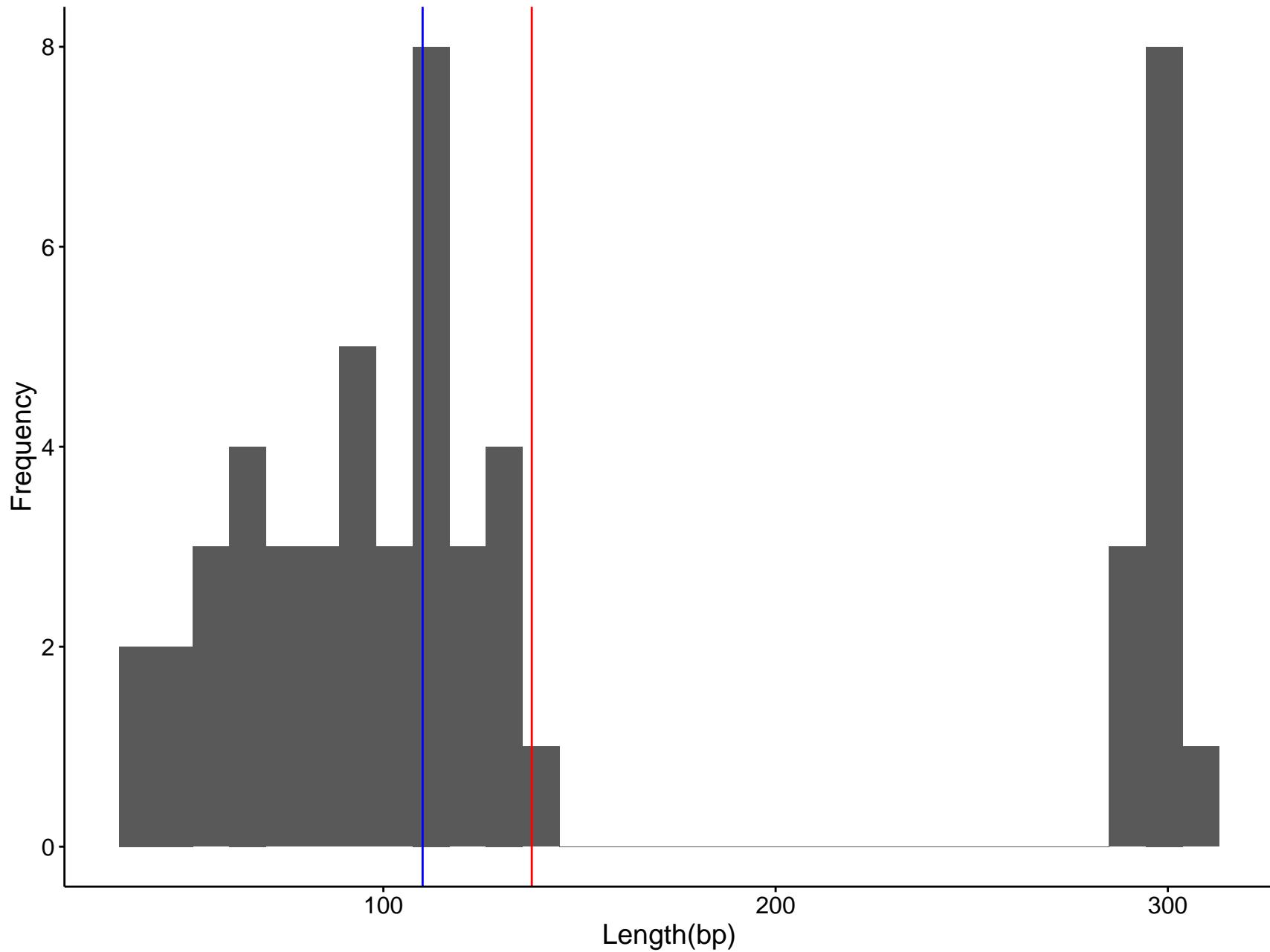
Cluster1341



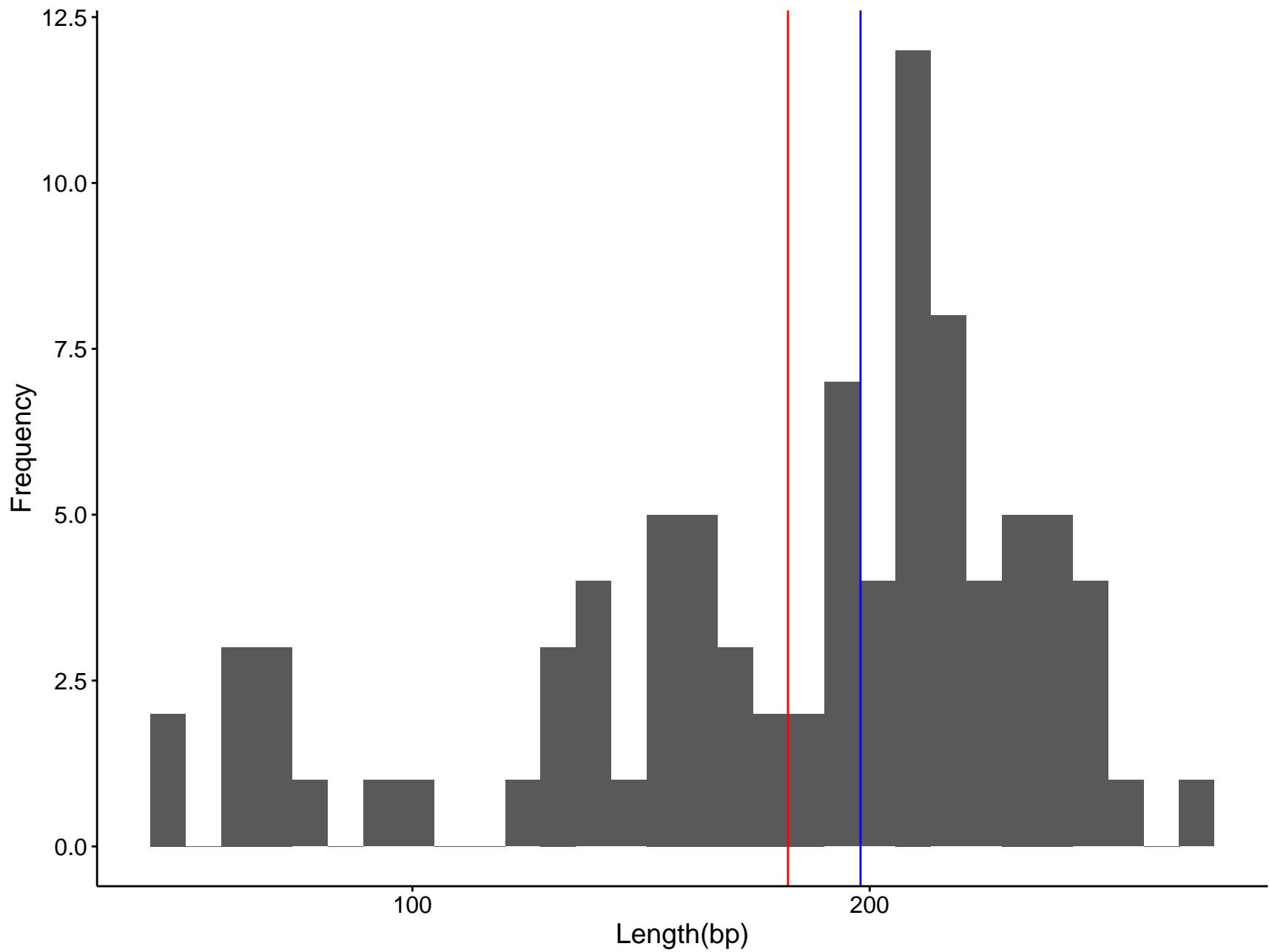
Cluster1344



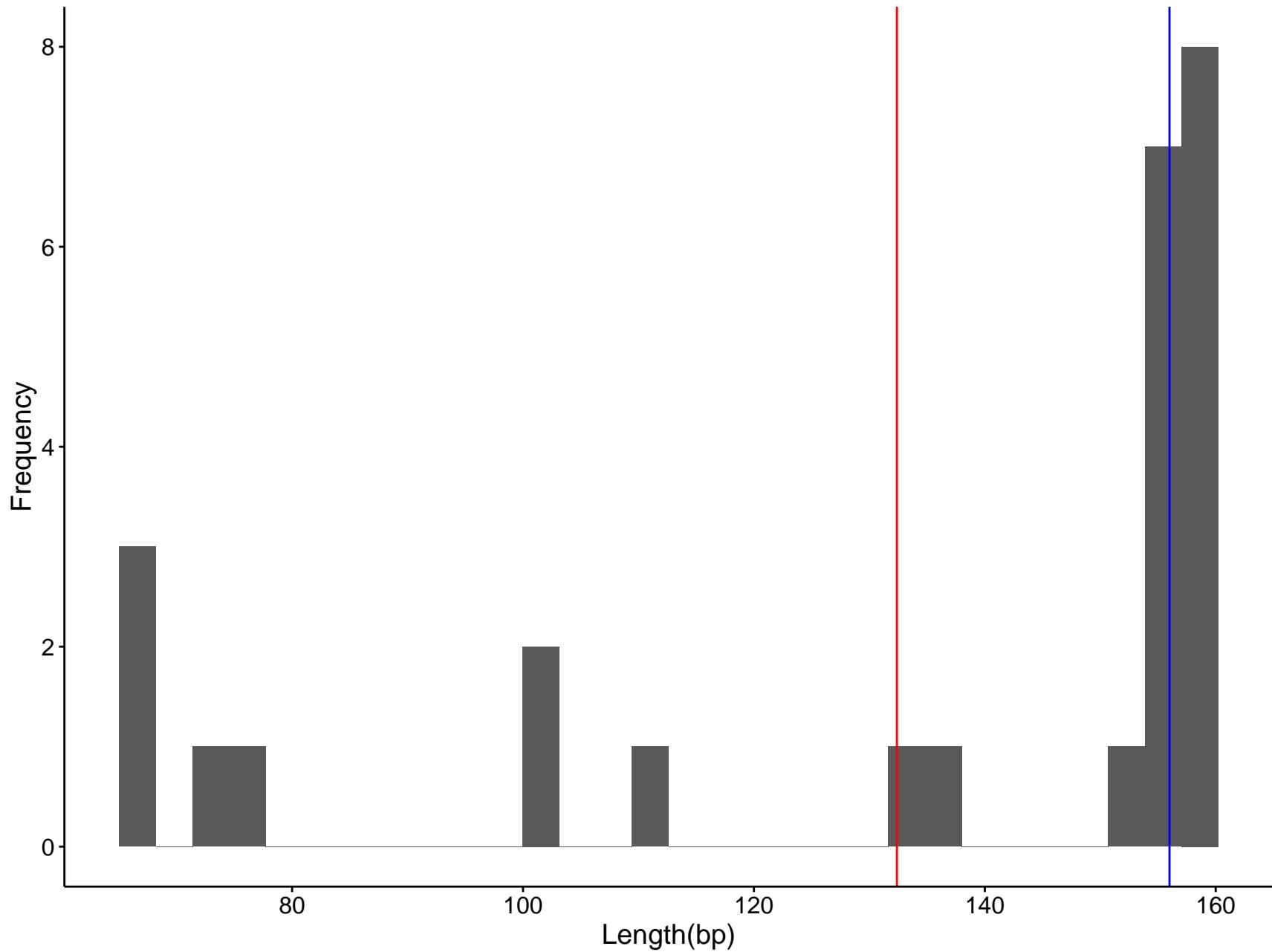
Cluster1346



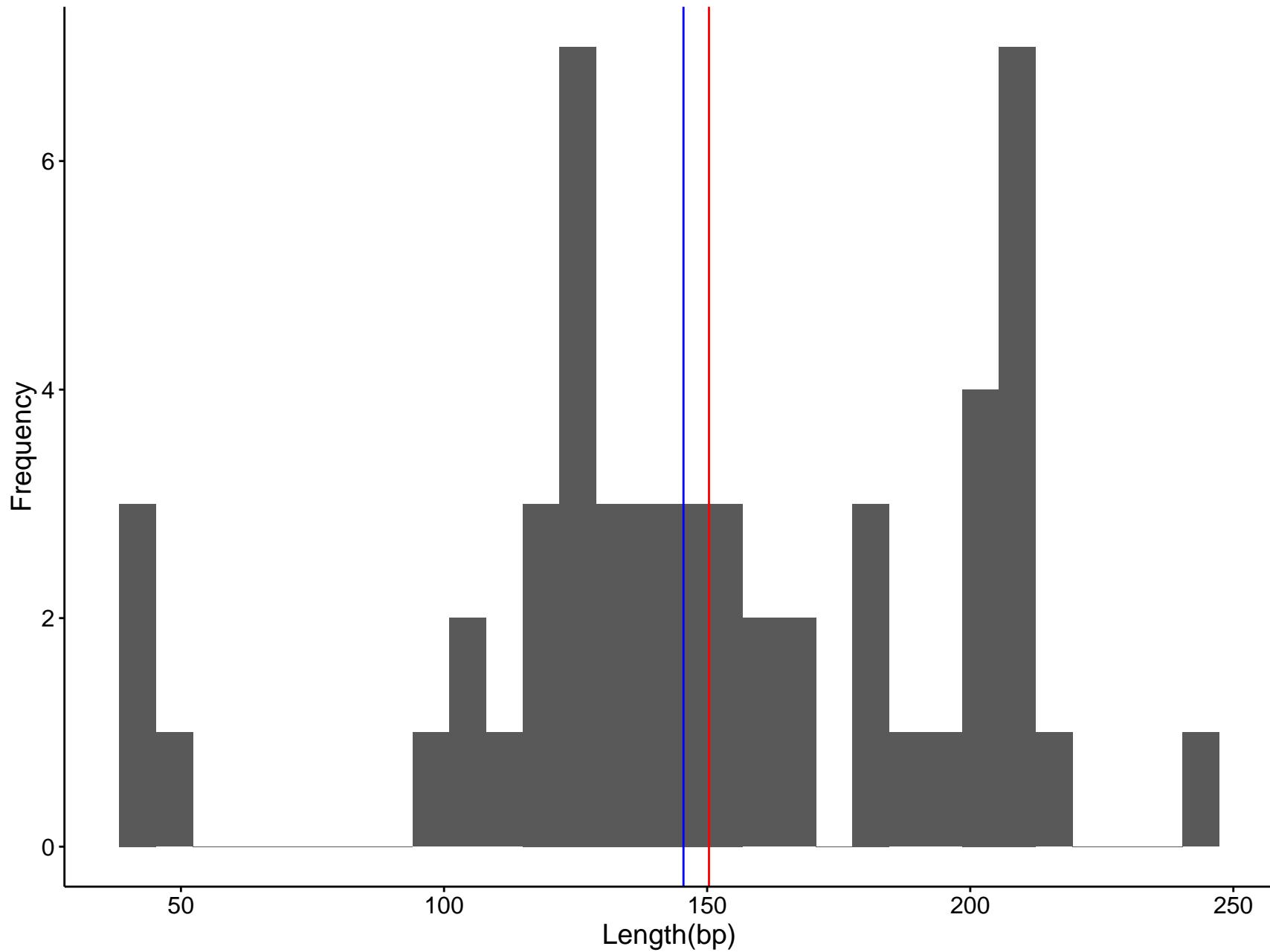
Cluster1348



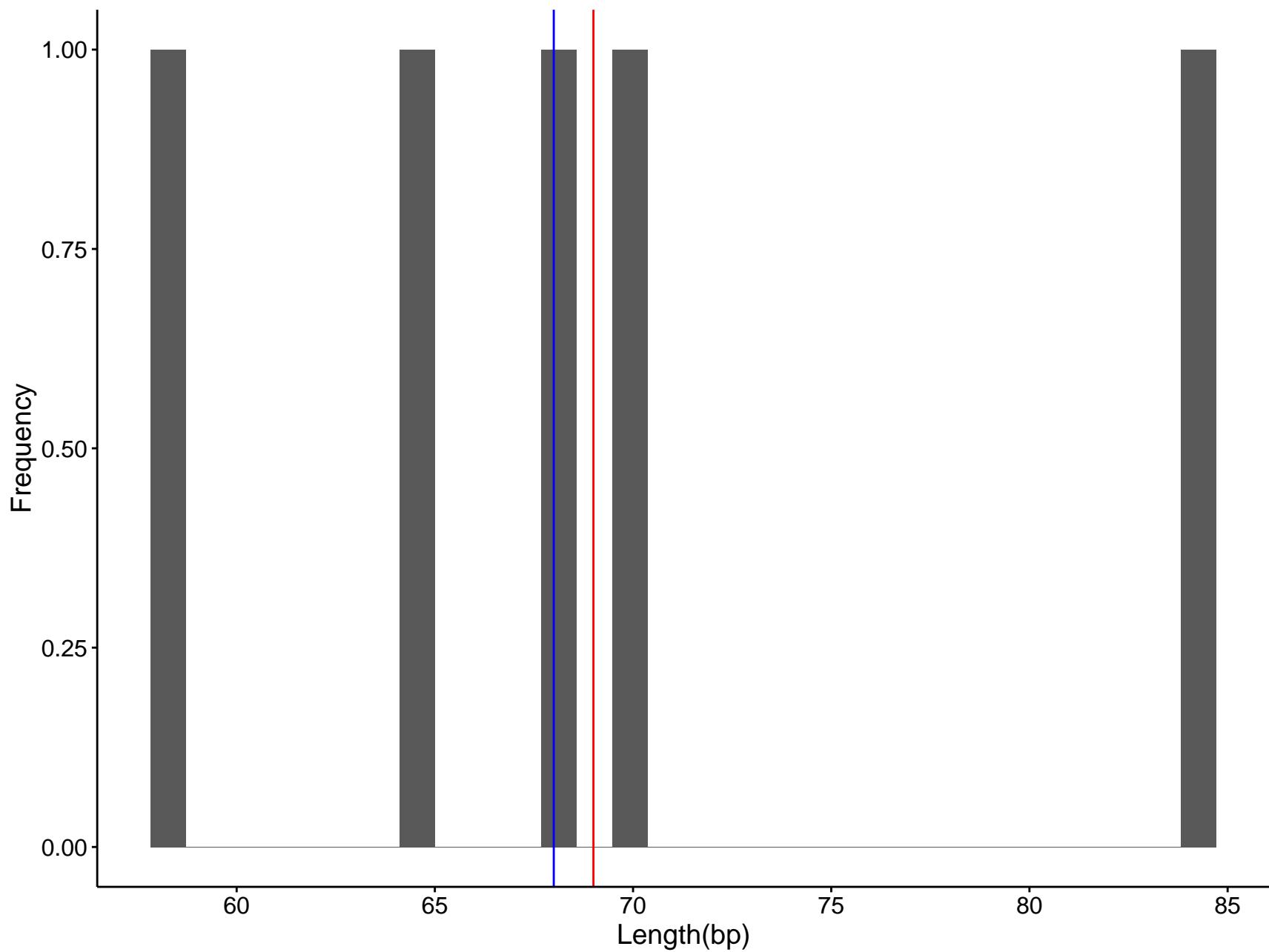
Cluster1351



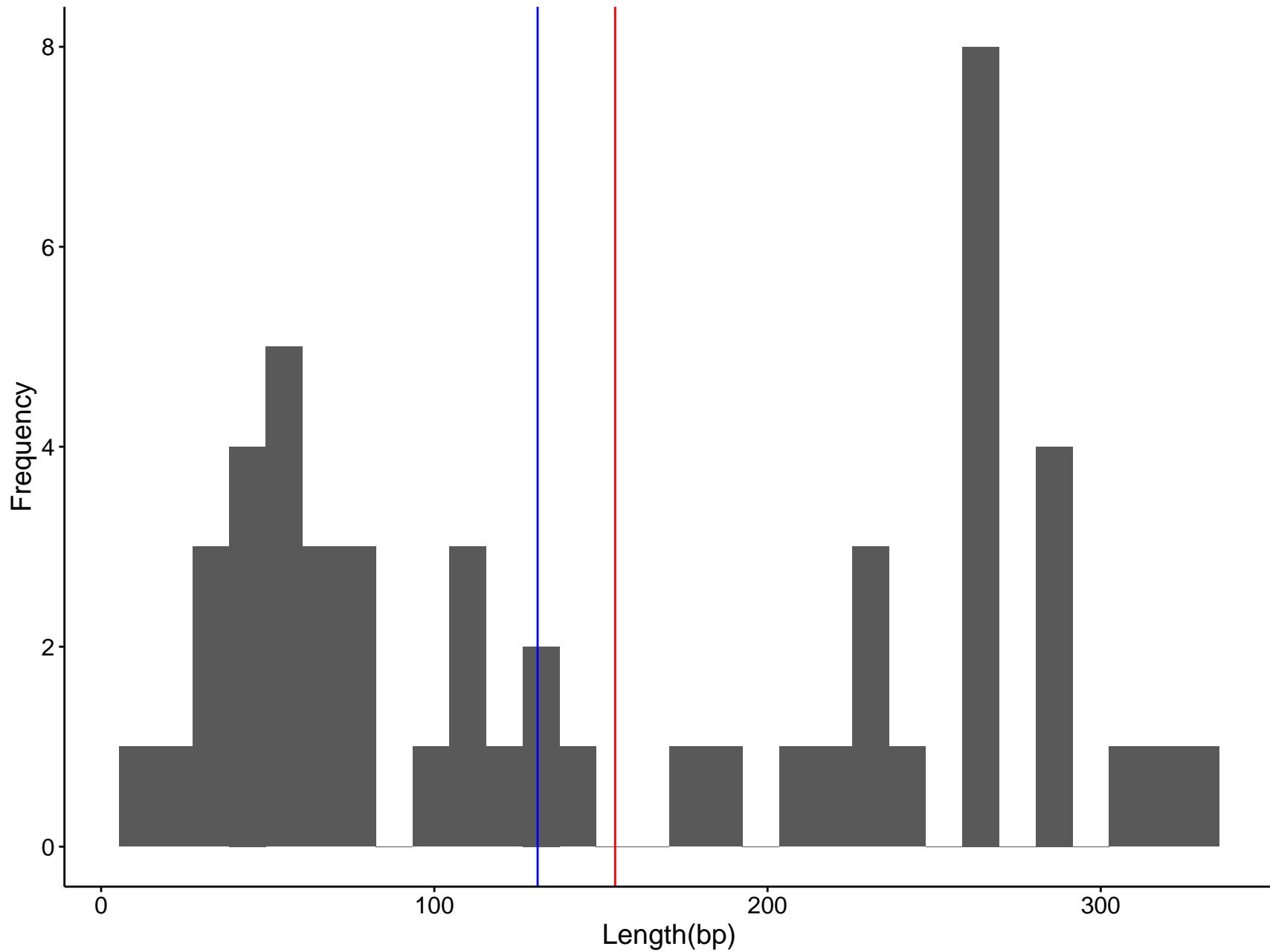
Cluster1355



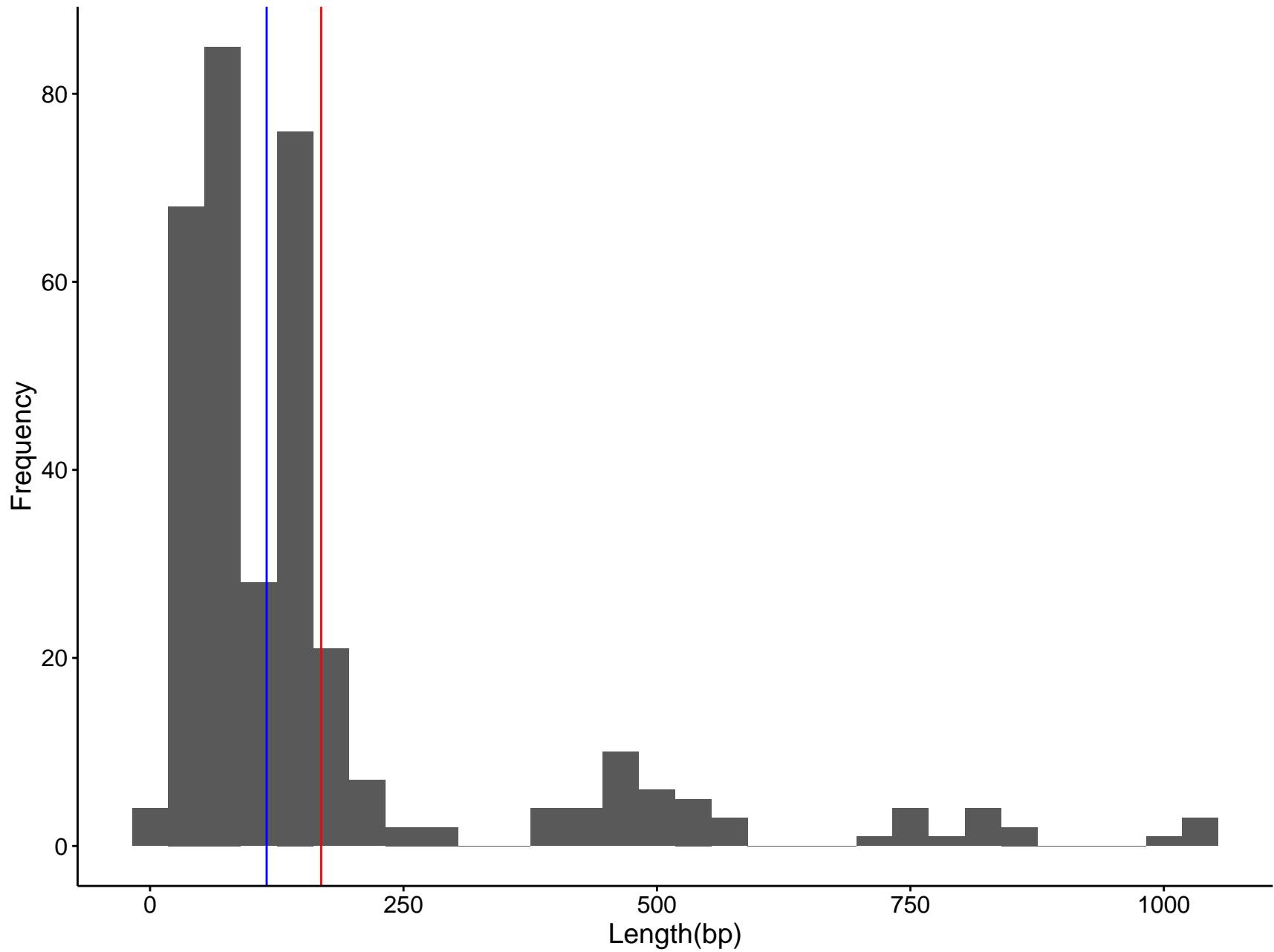
Cluster1356



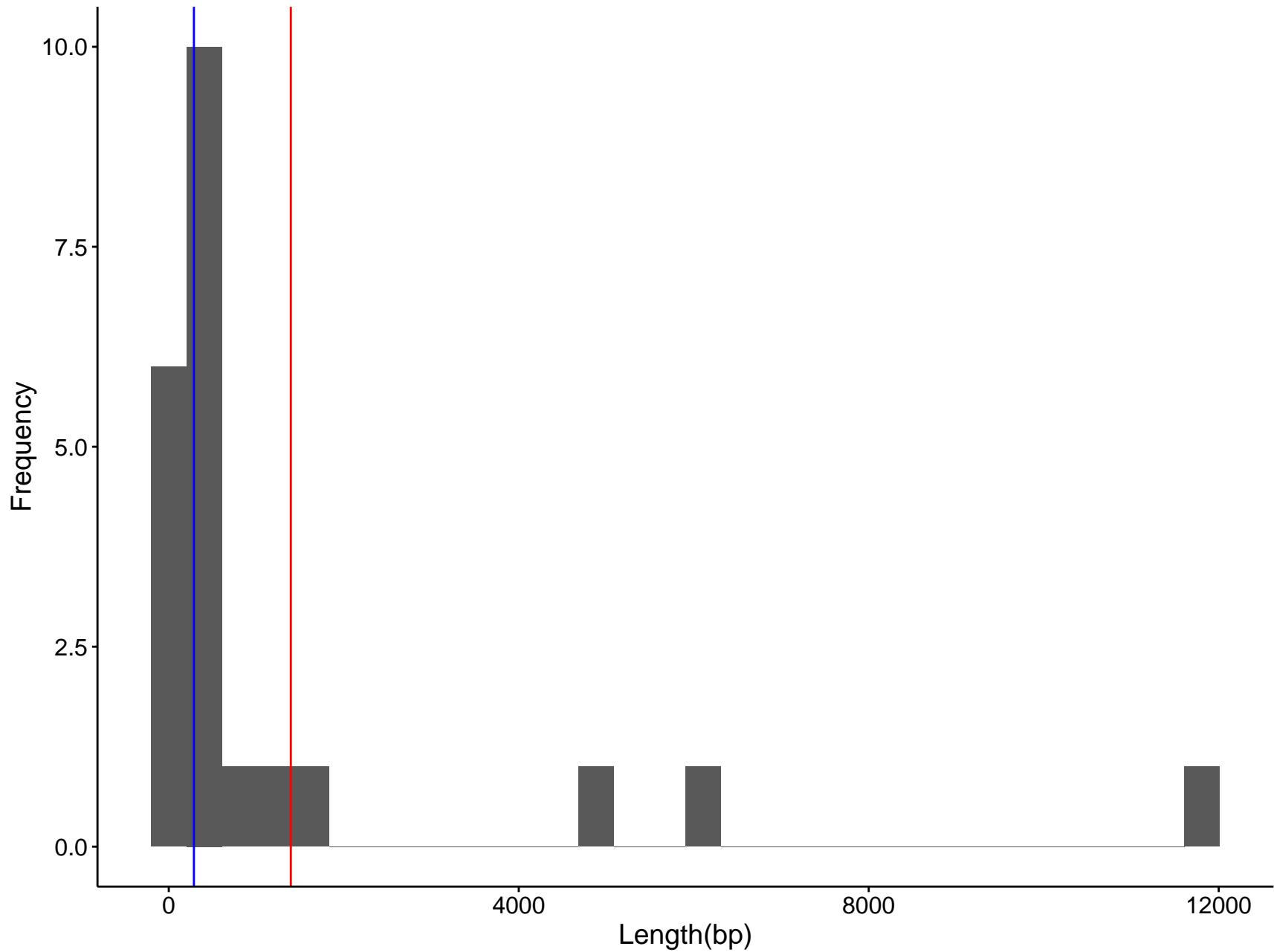
Cluster1357



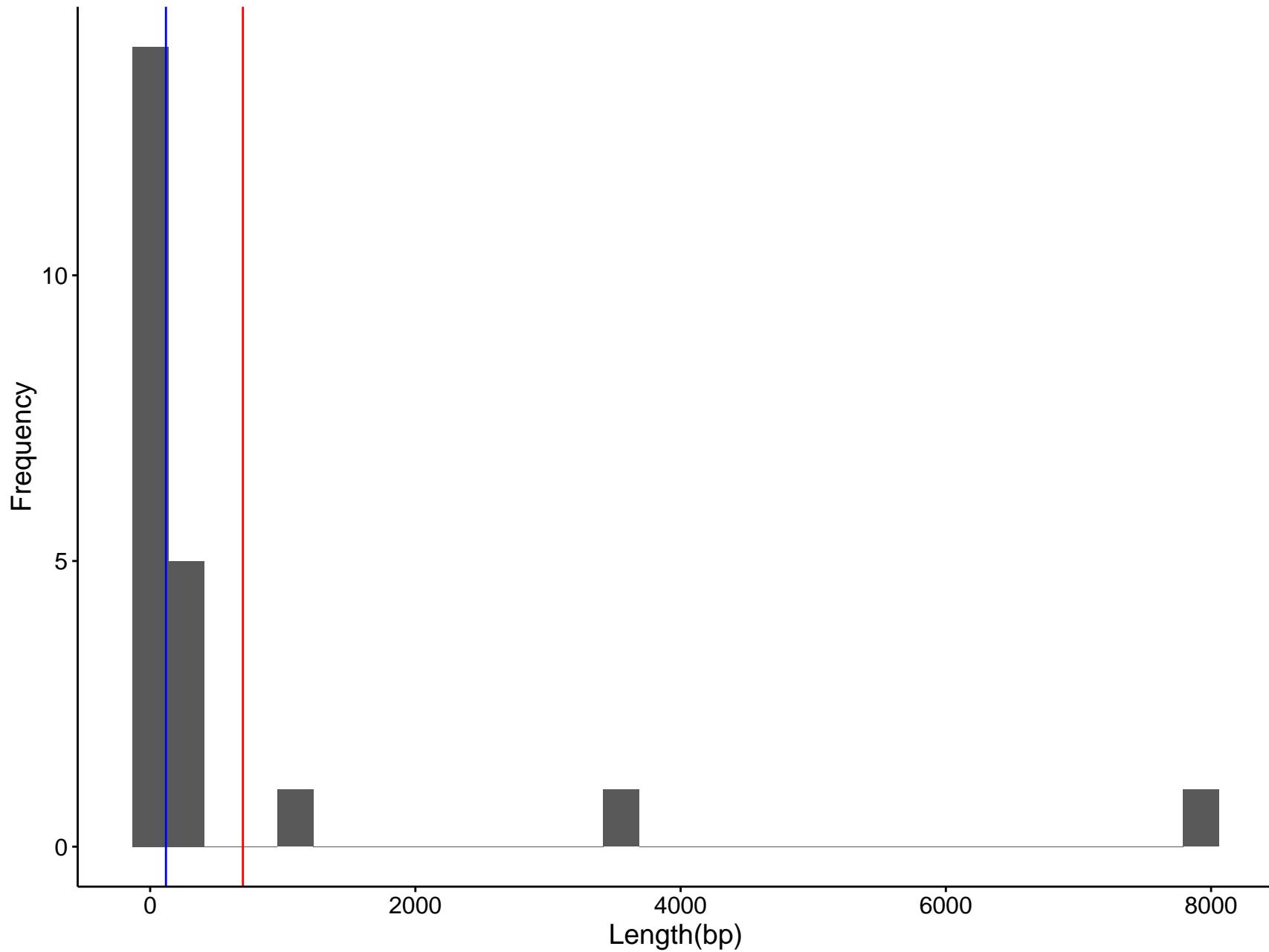
Cluster1358



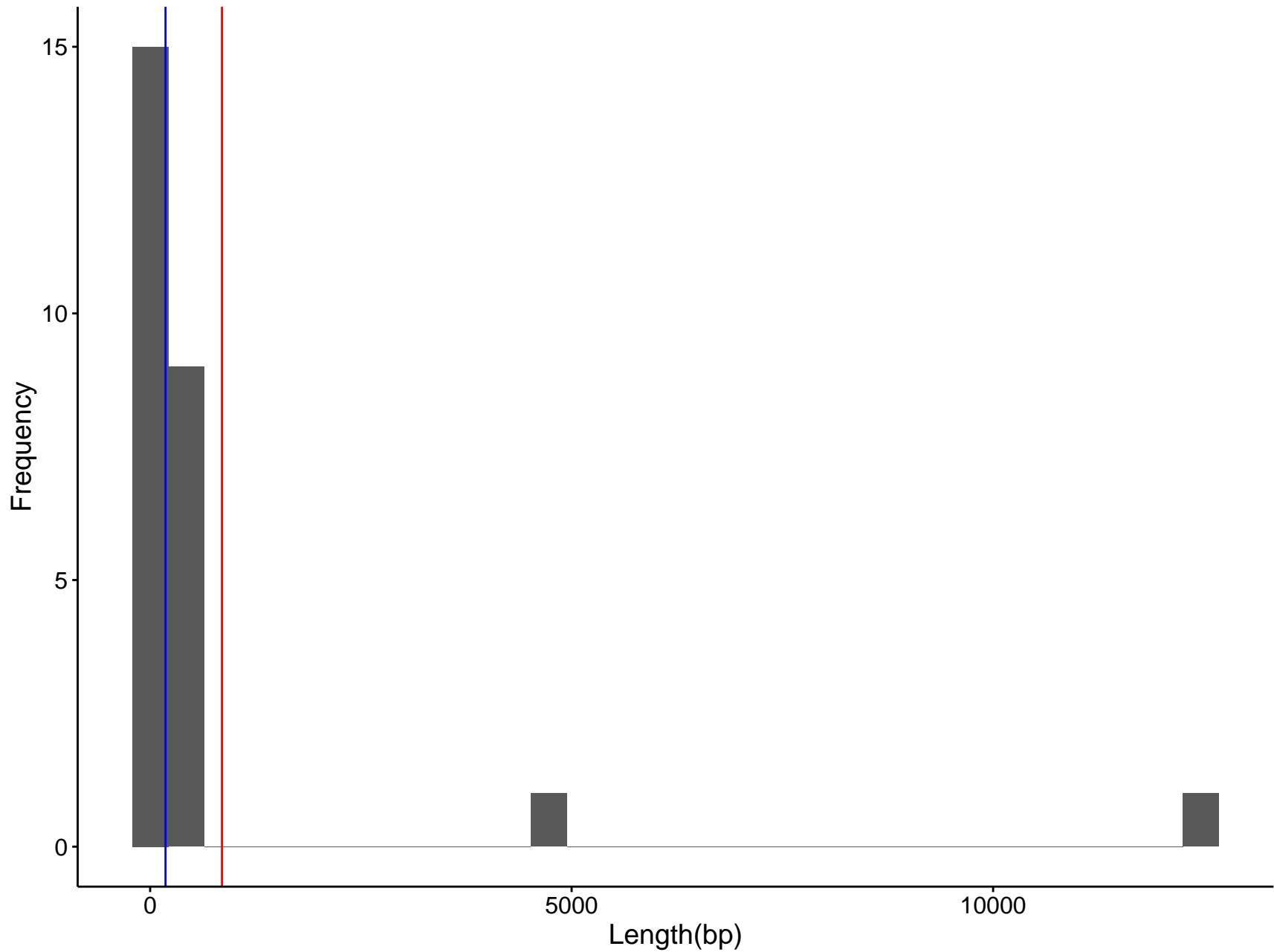
Cluster1359



Cluster1360



Cluster1361



Cluster1362

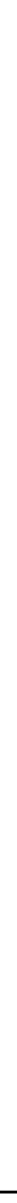
Frequency

5091.950

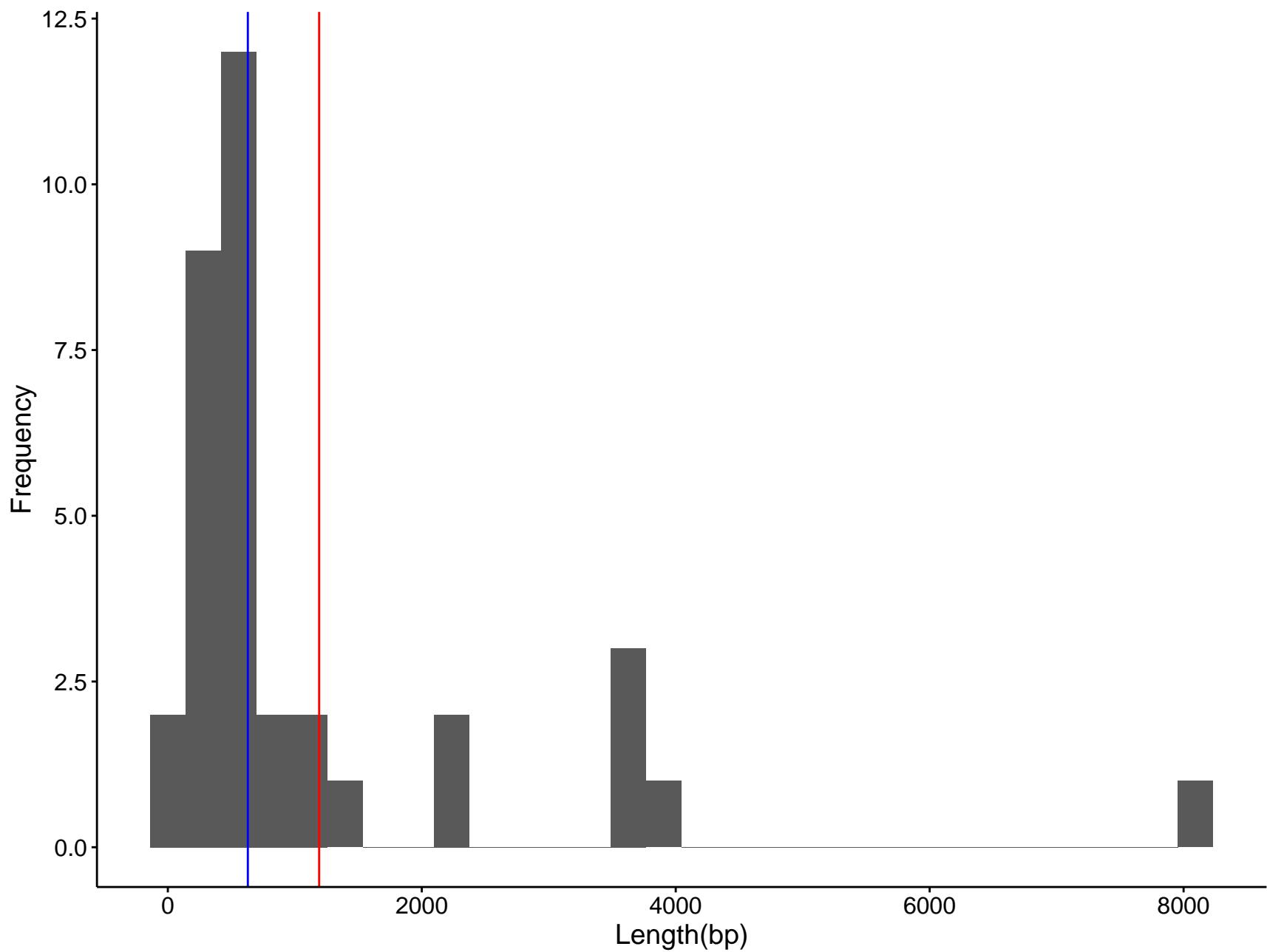
5091.975

5092.000
Length(bp)

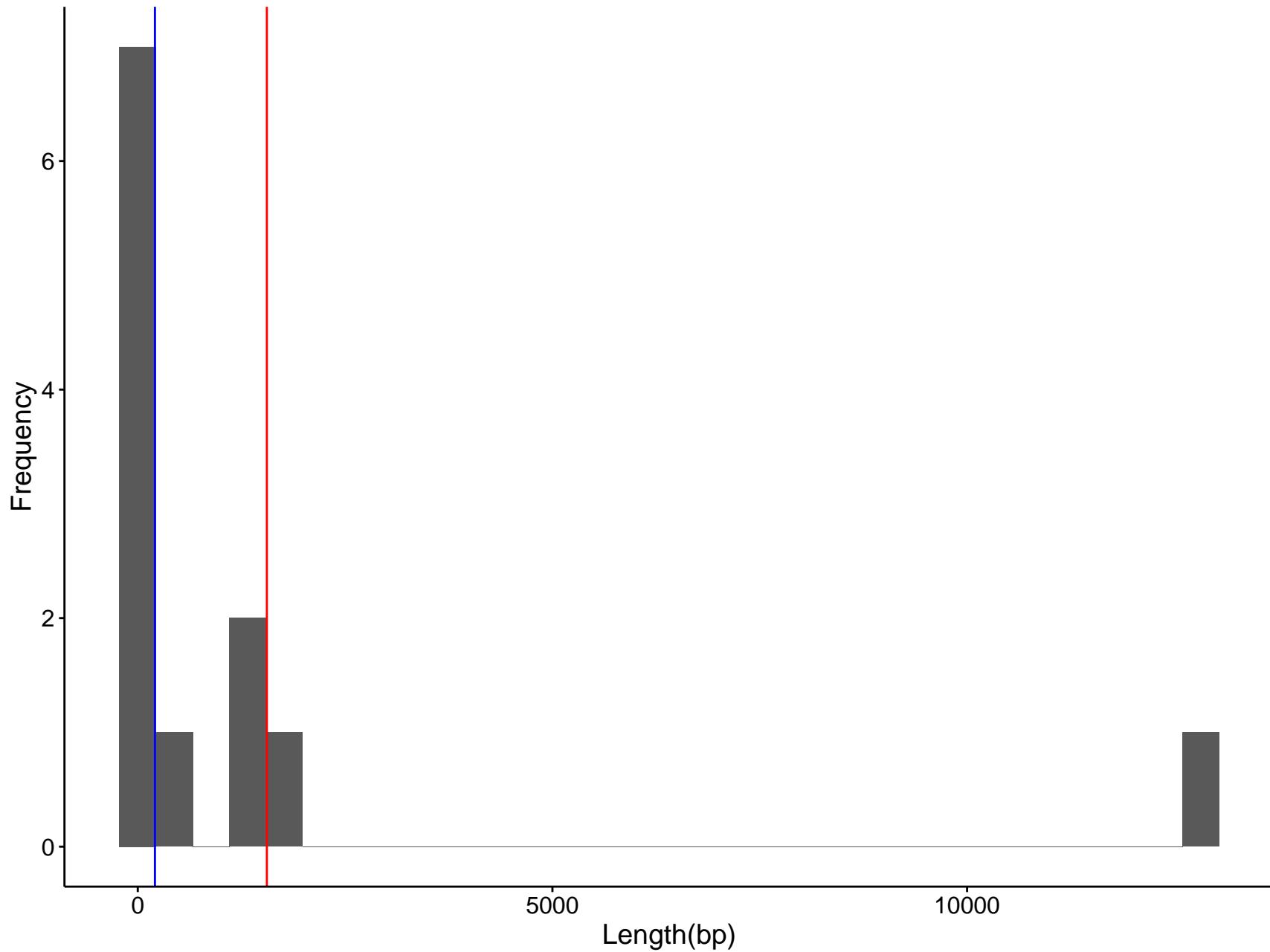
5092.025



Cluster1363



Cluster1364



Cluster1365

Frequency

726.950

726.975

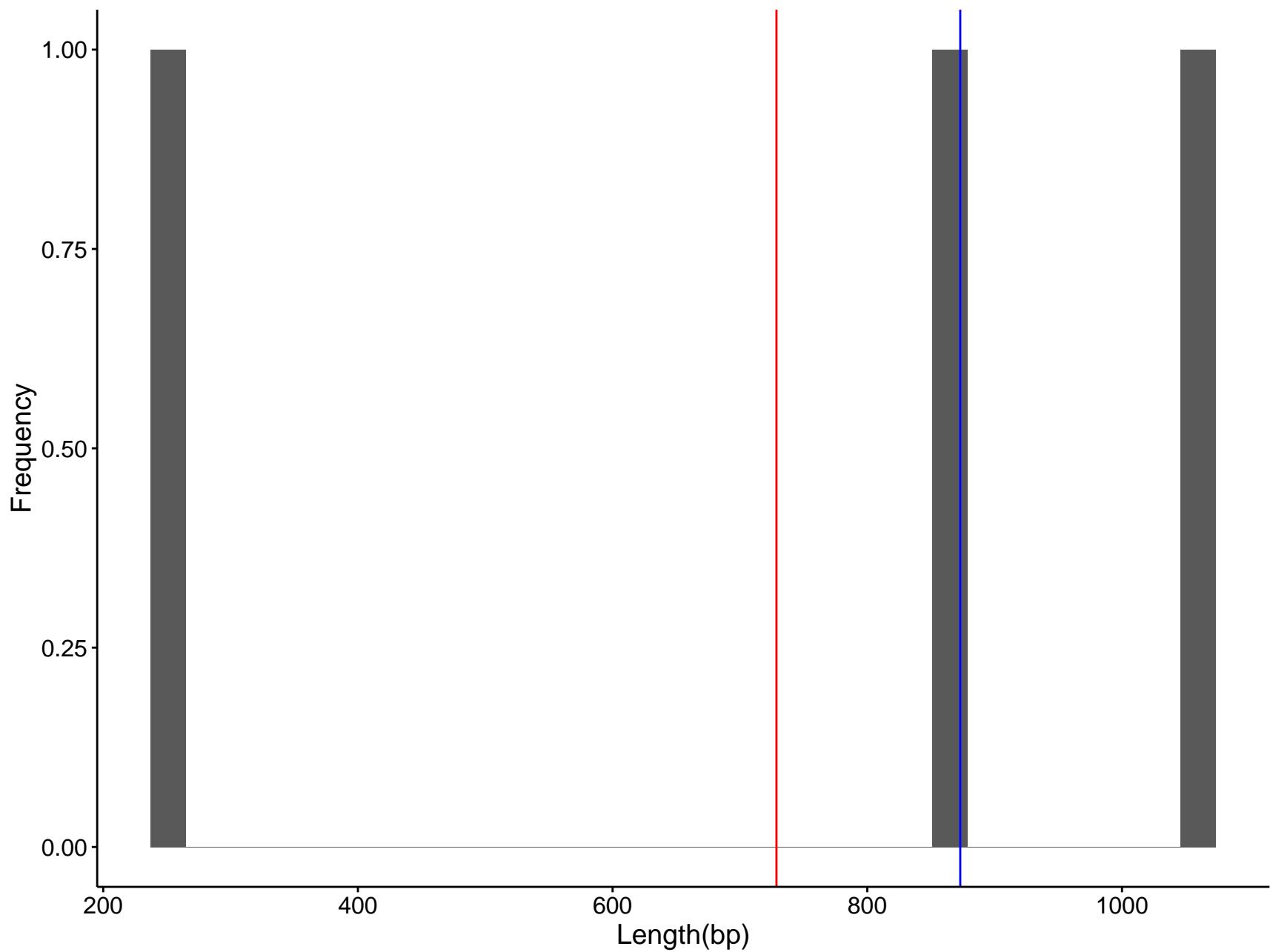
727.000

727.025

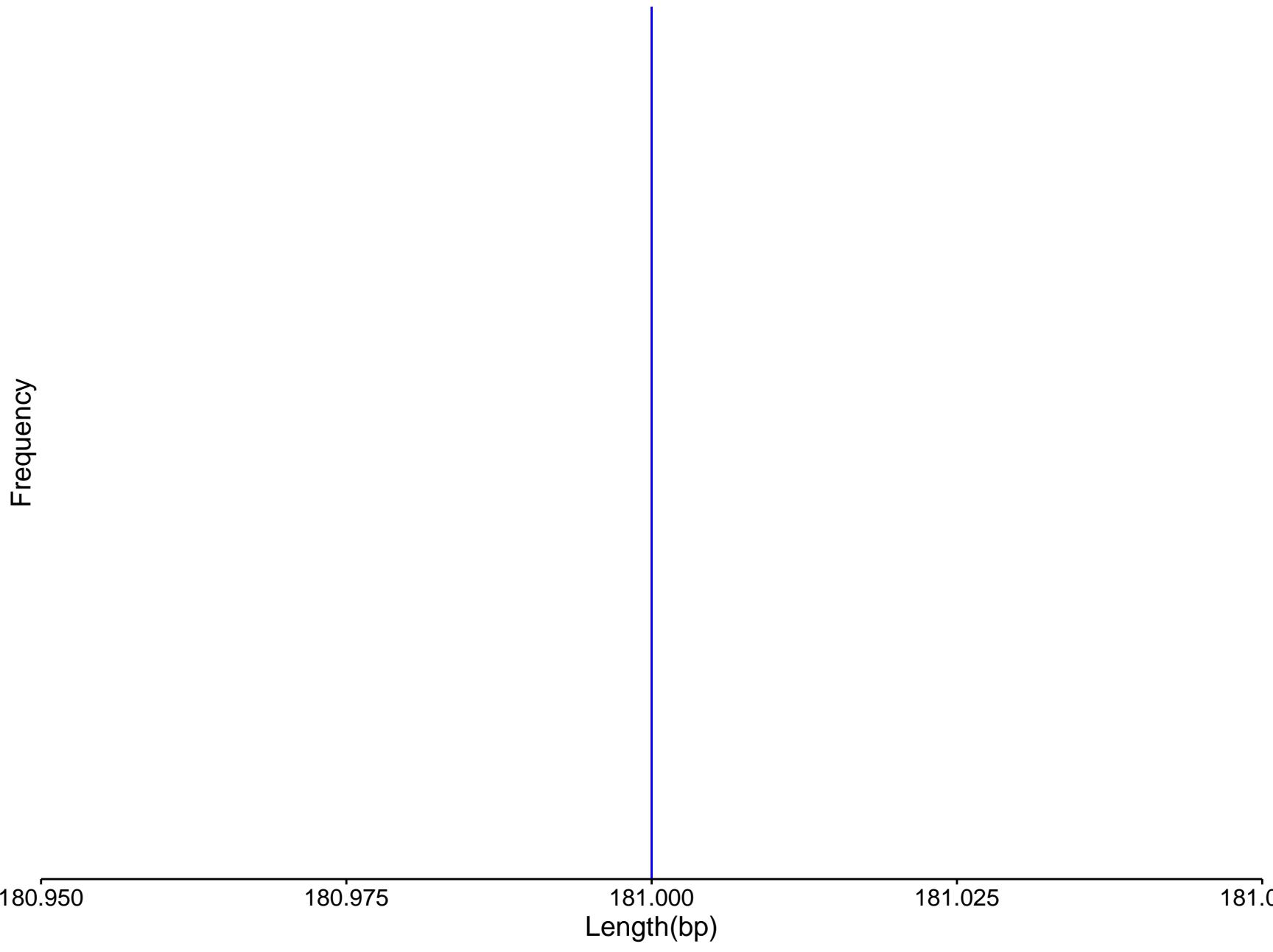
Length(bp)



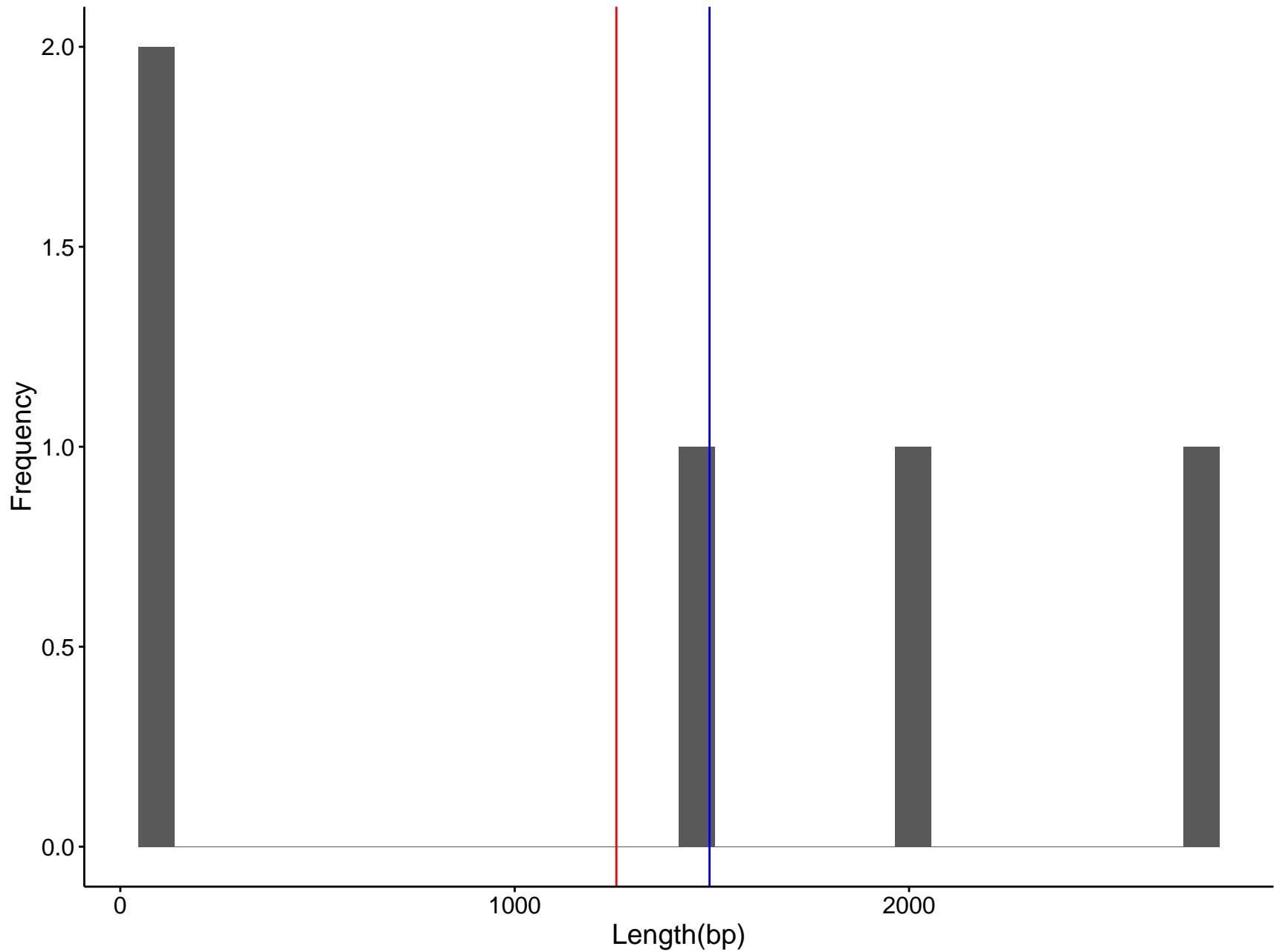
Cluster1366



Cluster1368



Cluster1369



Cluster1370

Frequency

264.950

264.975

265.000

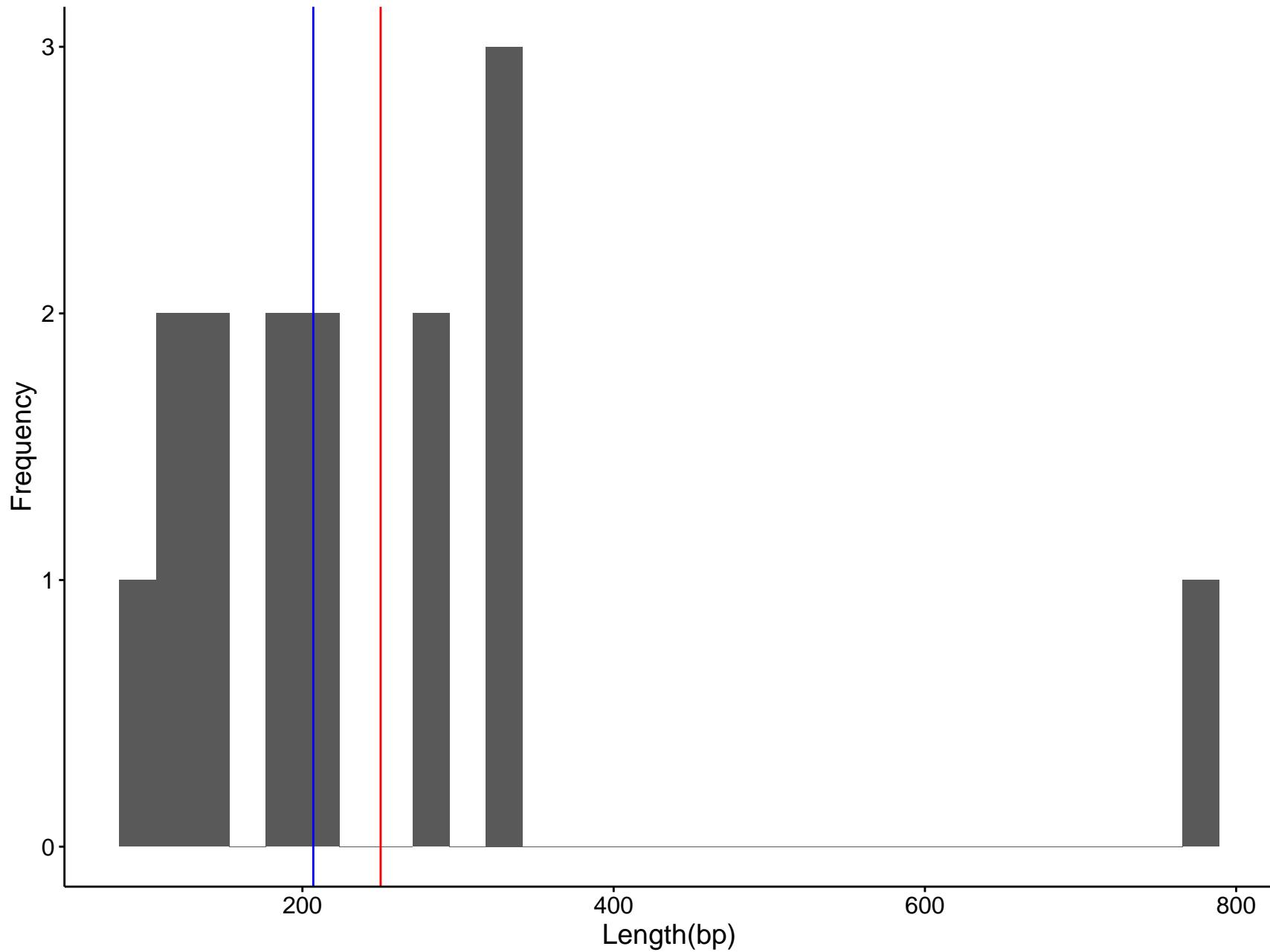
265.025

265.050

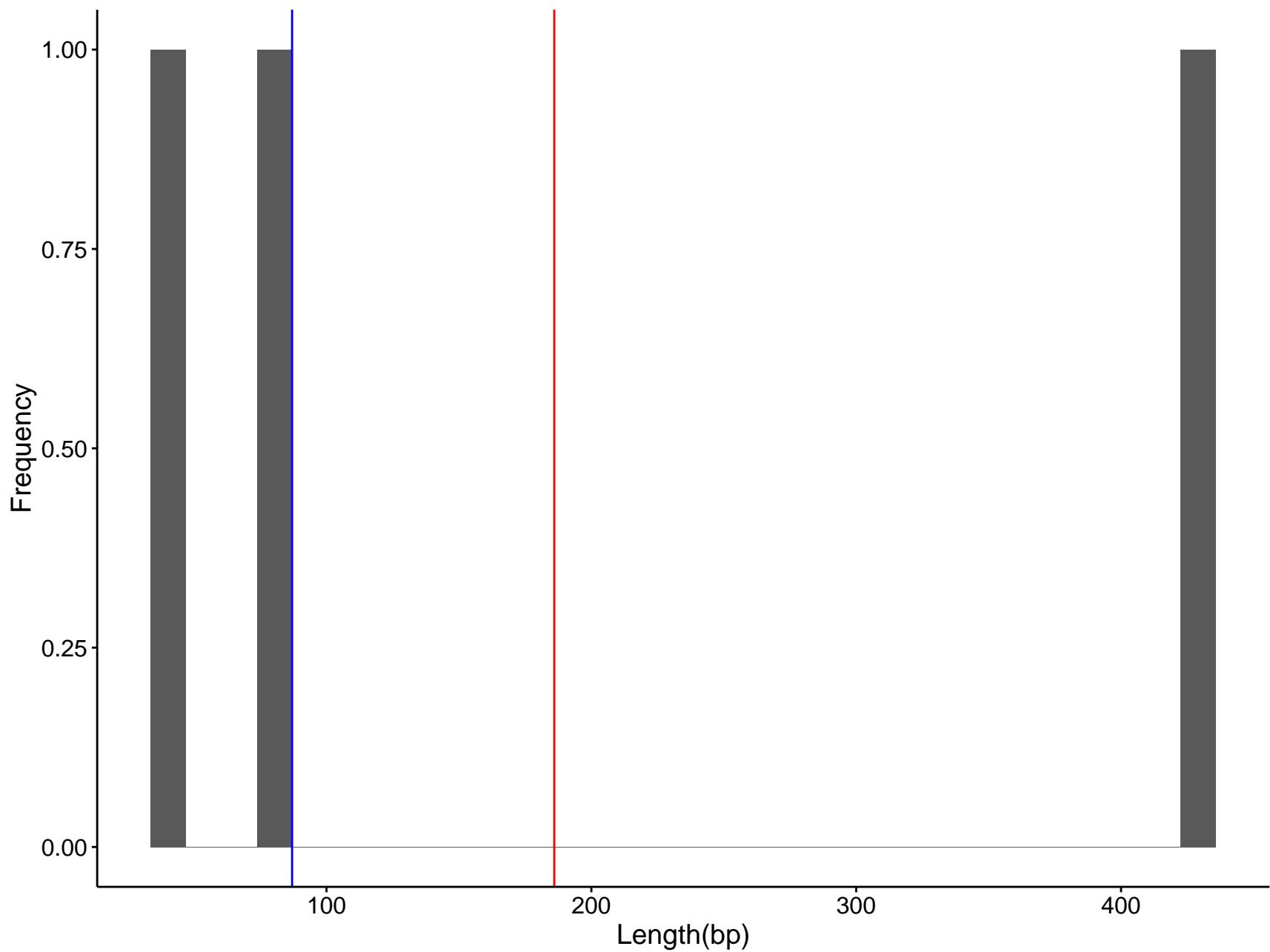
Length(bp)



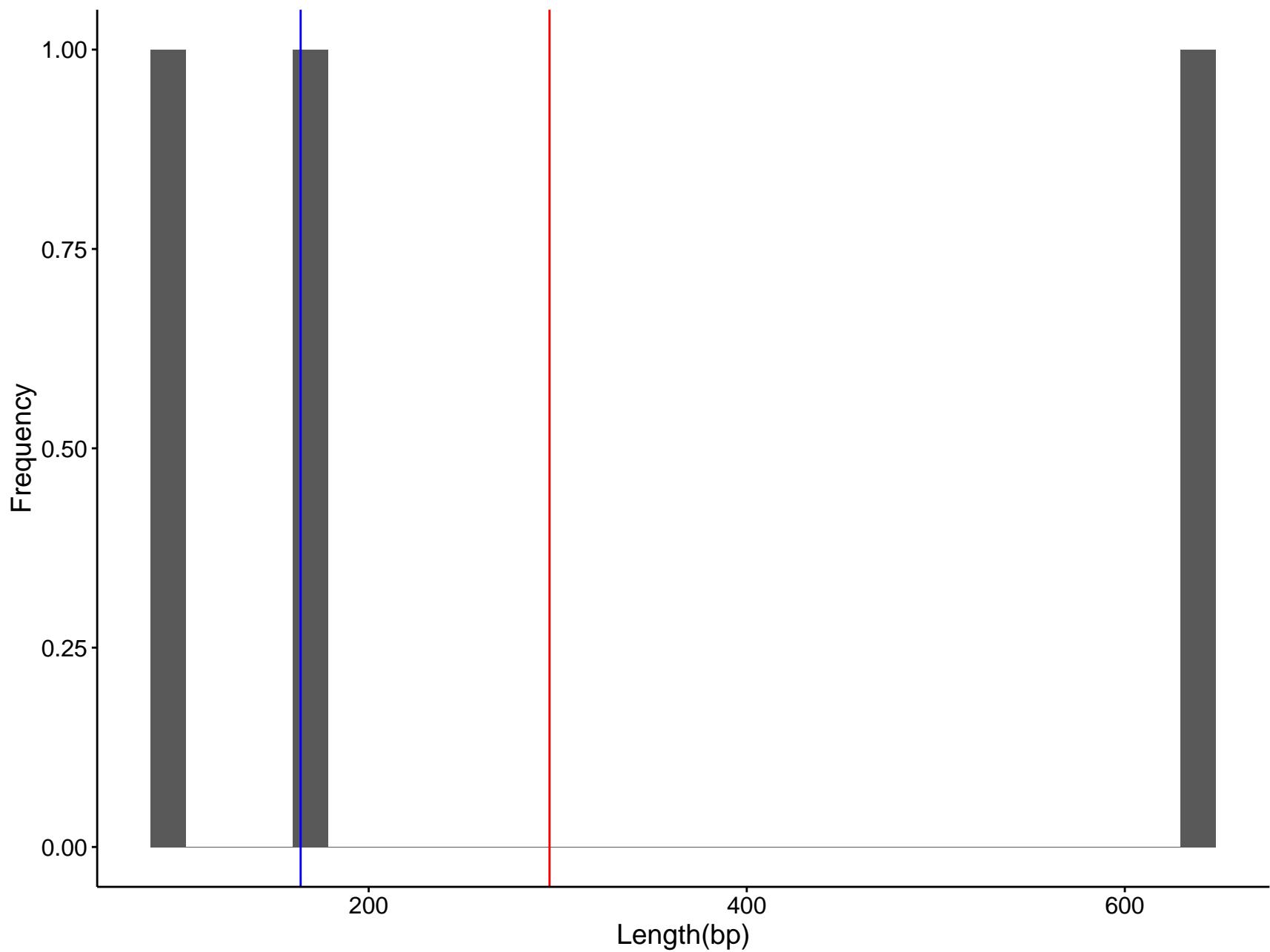
Cluster1372



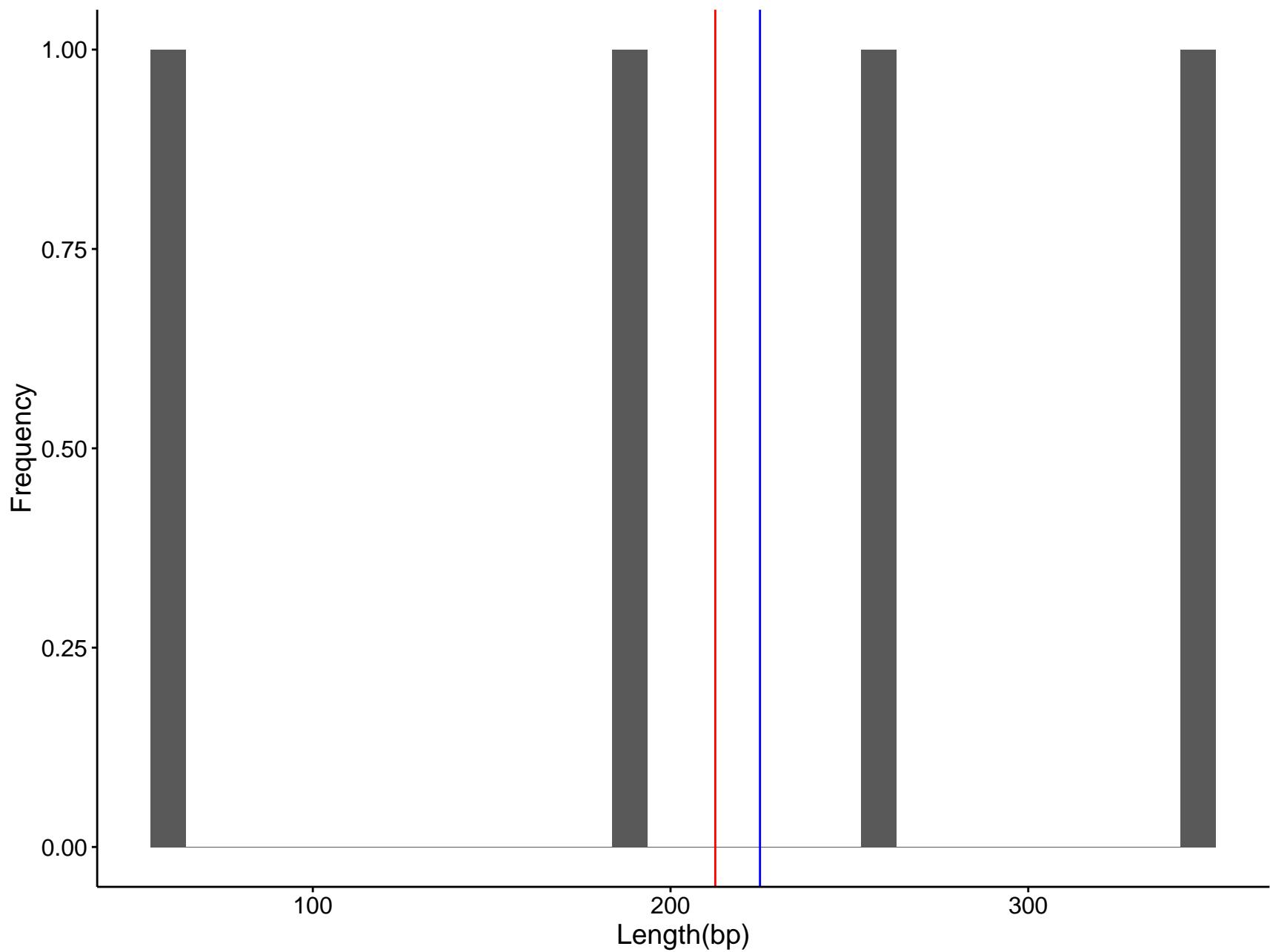
Cluster1374



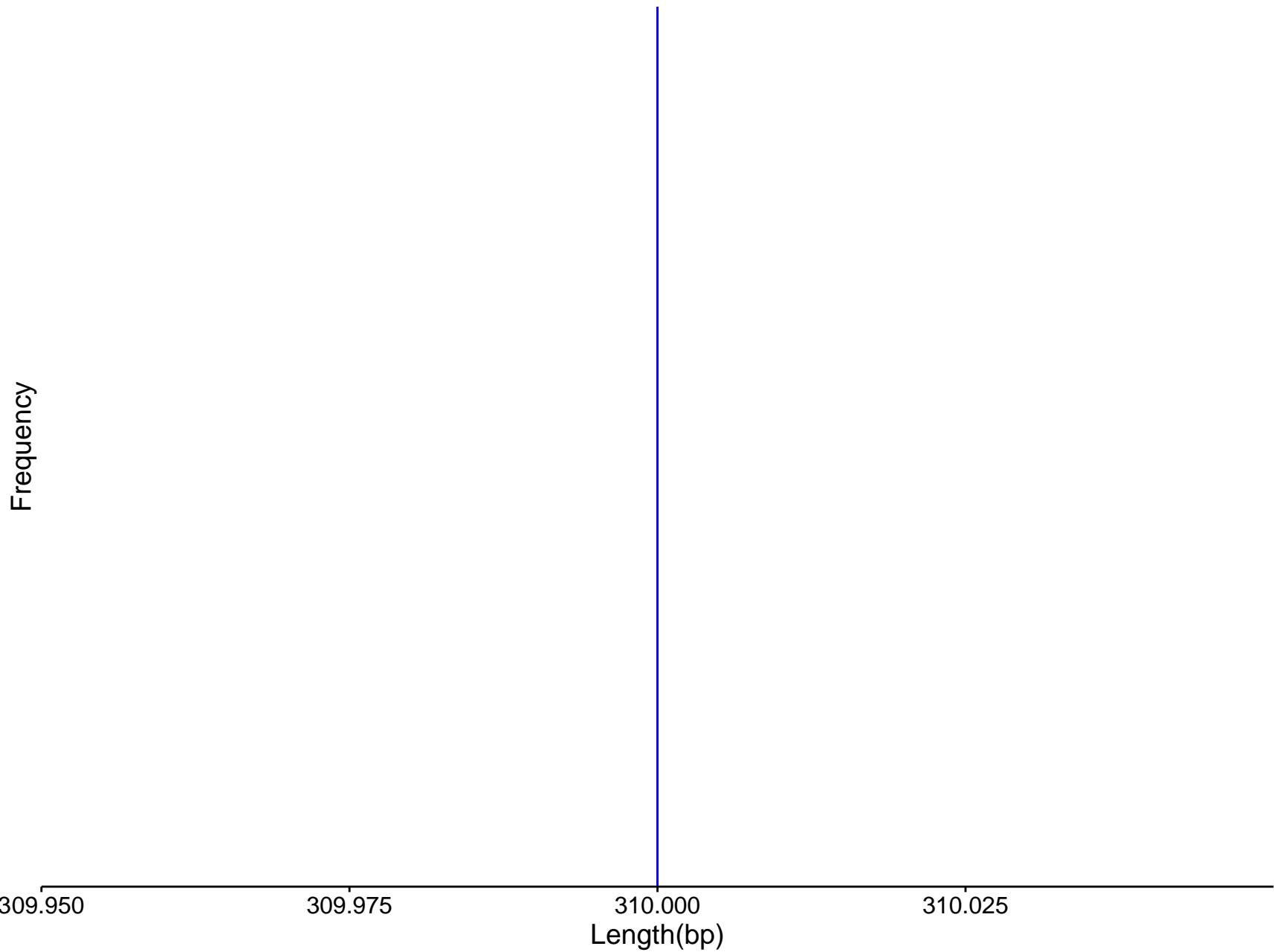
Cluster1376



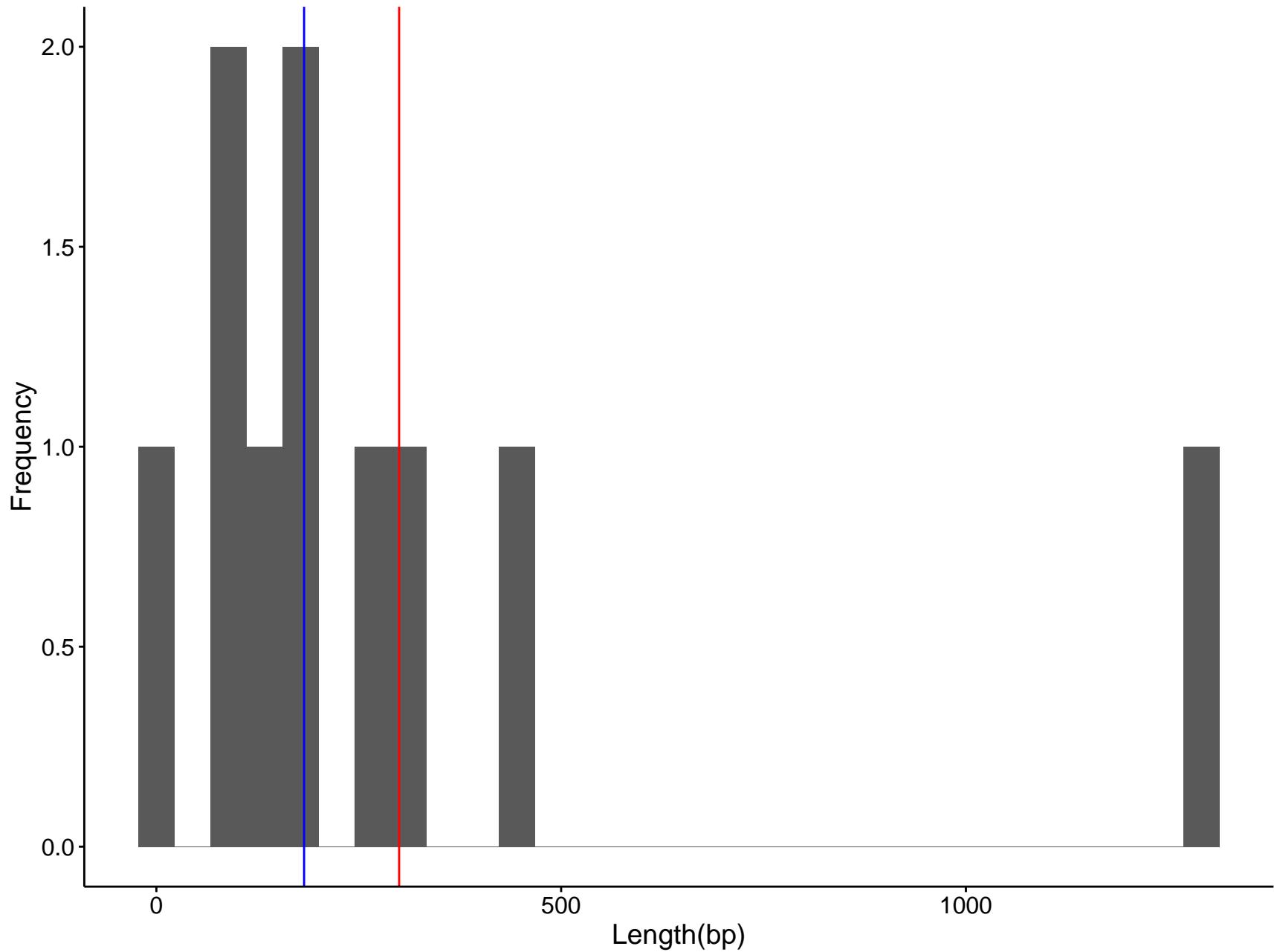
Cluster1377



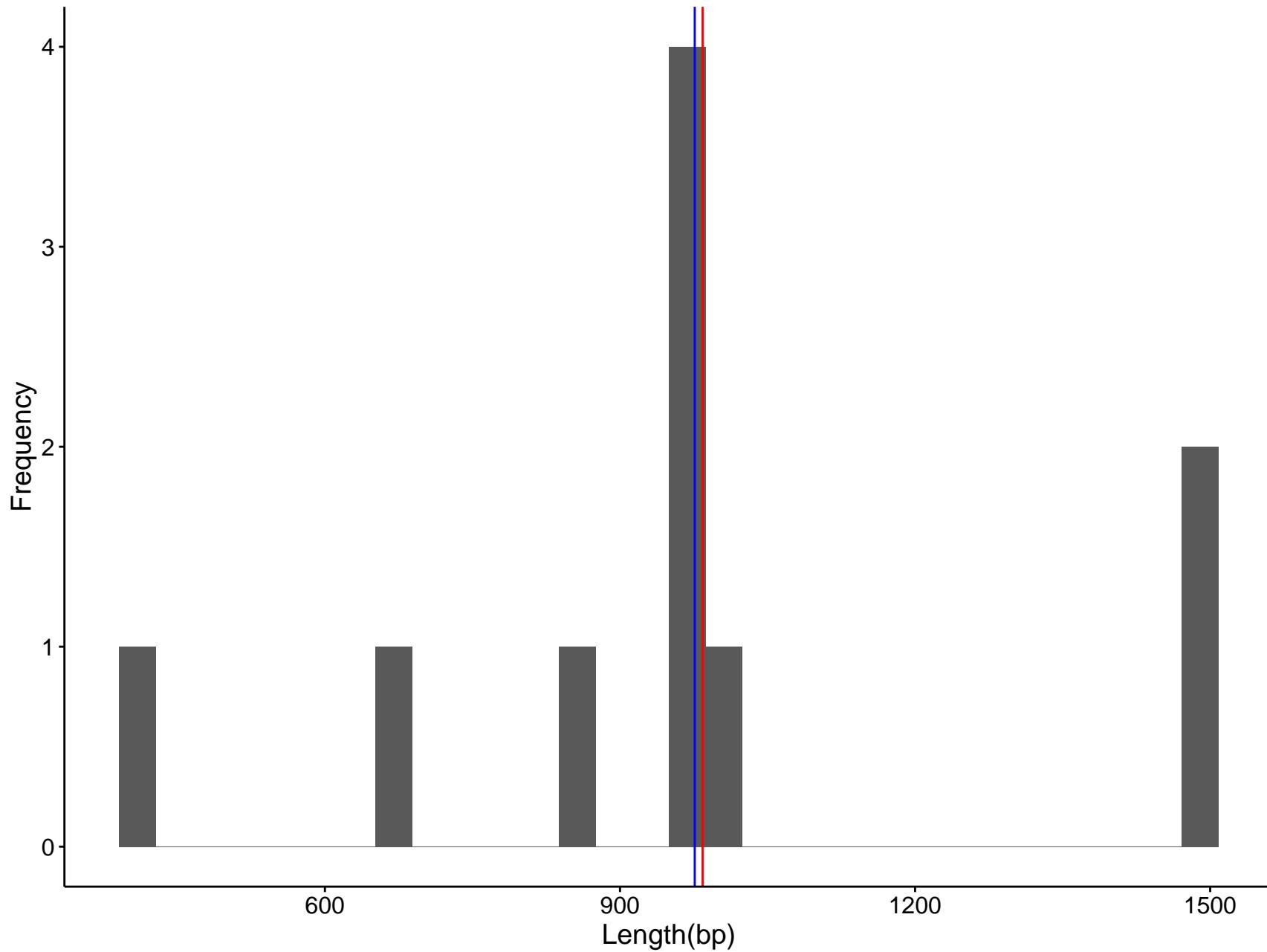
Cluster1378



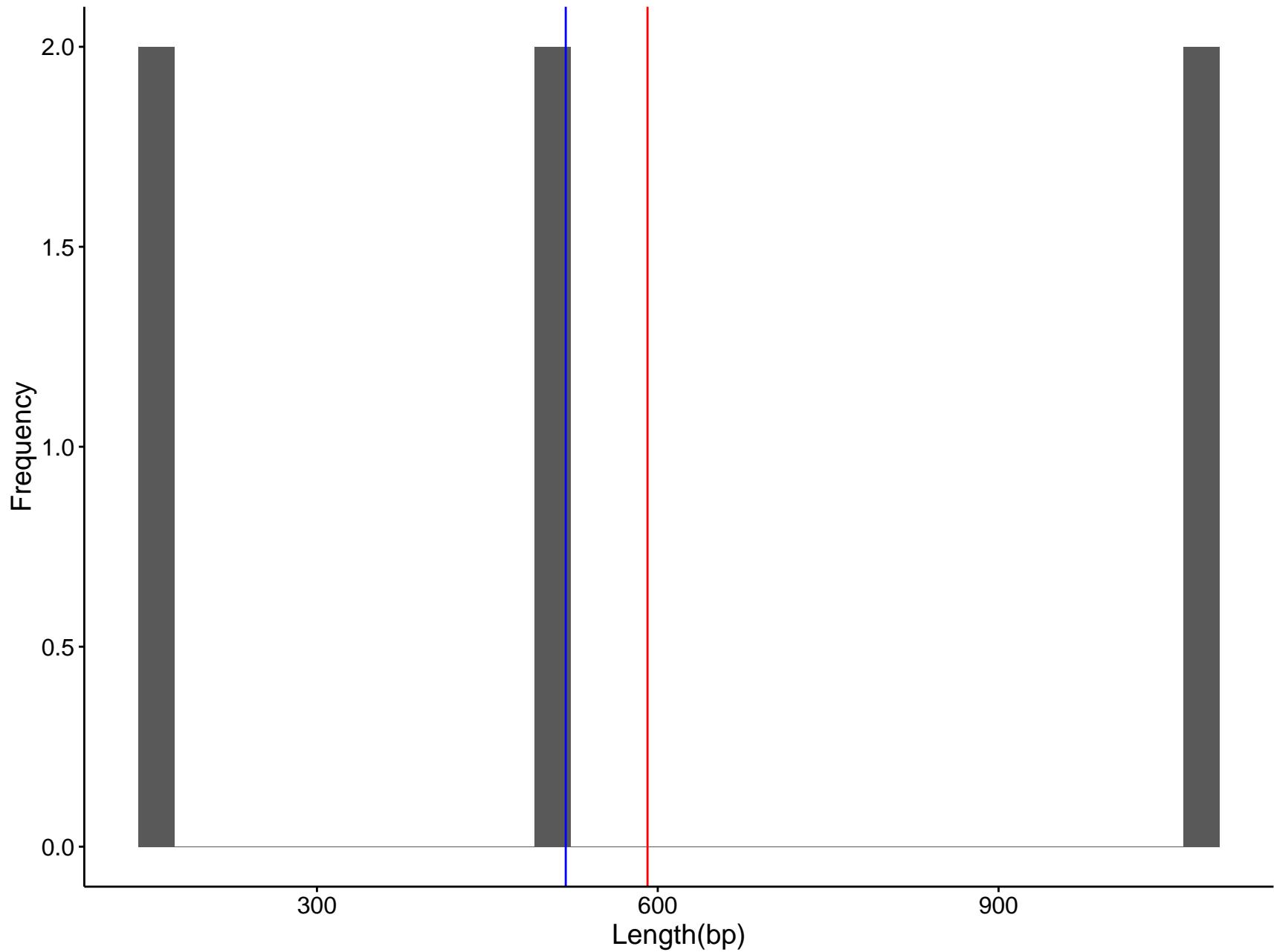
Cluster1379



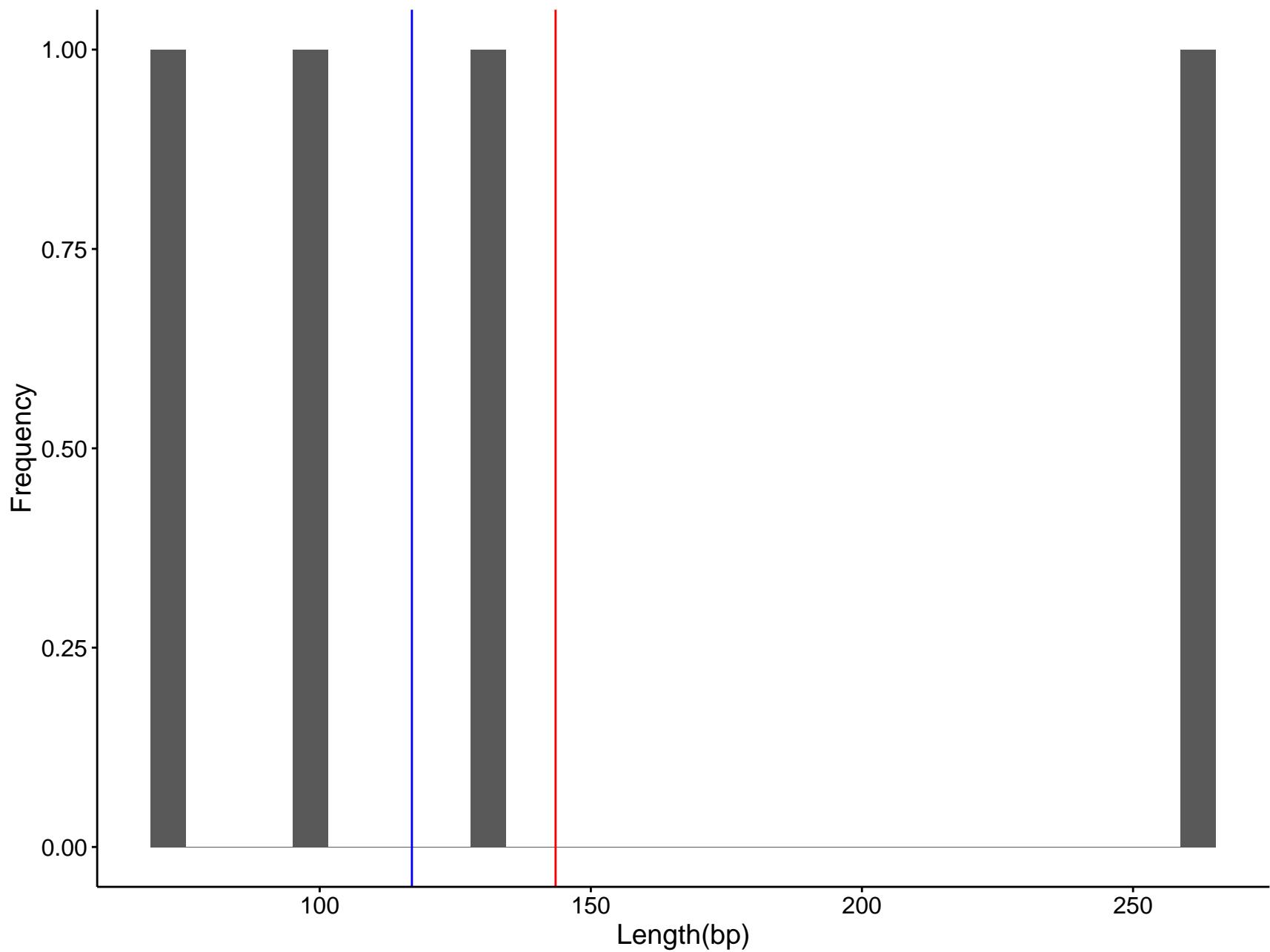
Cluster1381



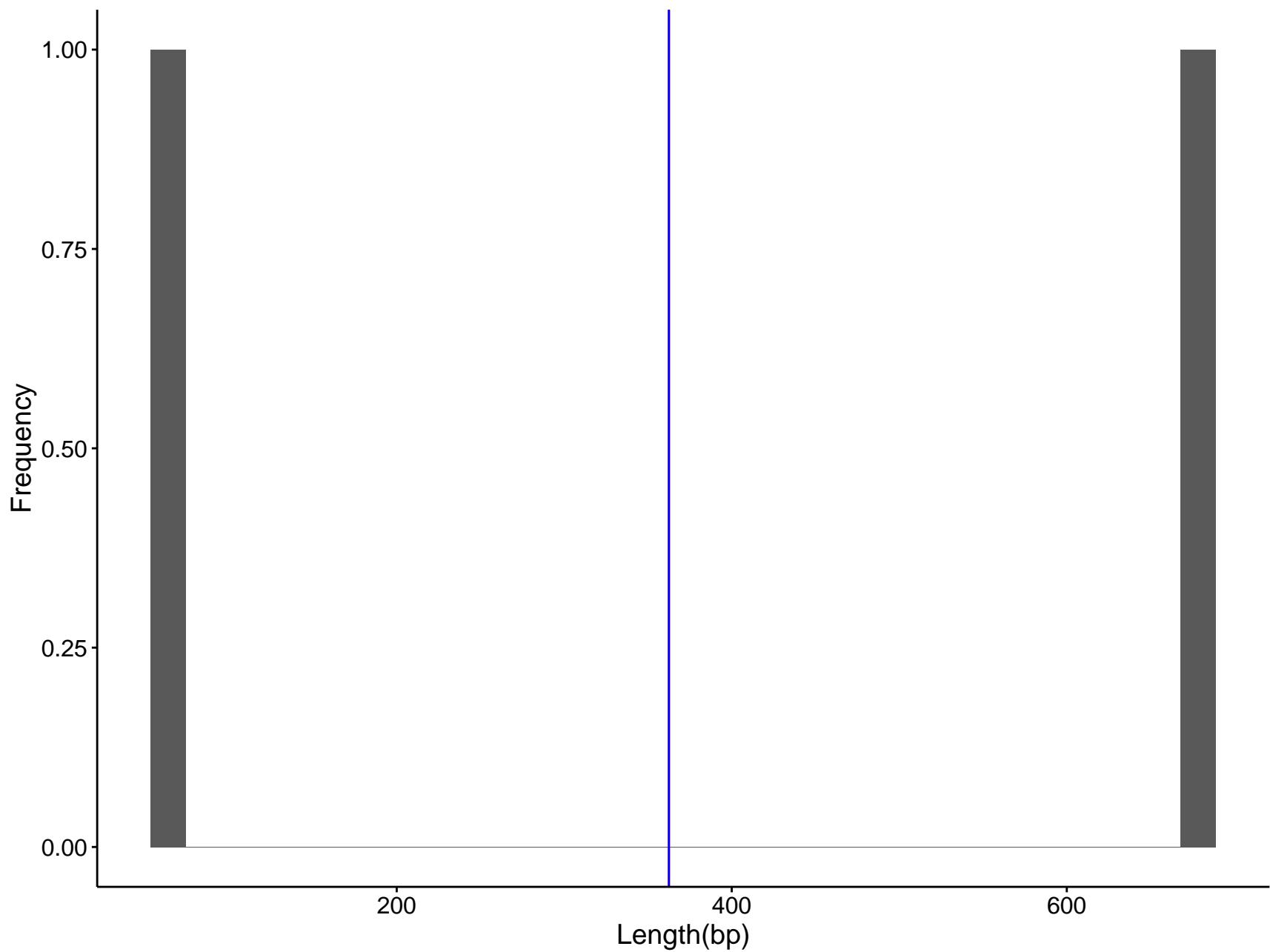
Cluster1382



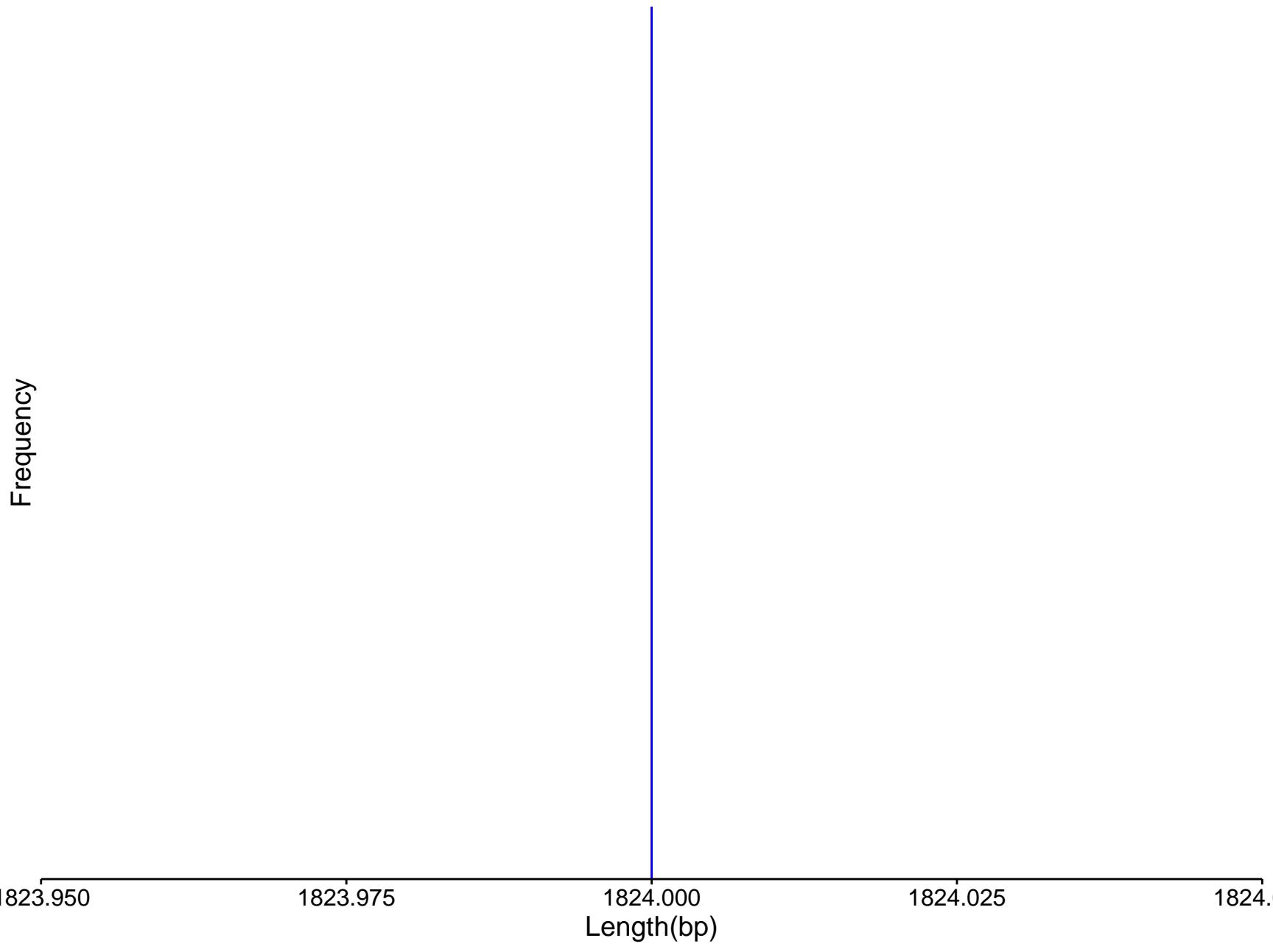
Cluster1383



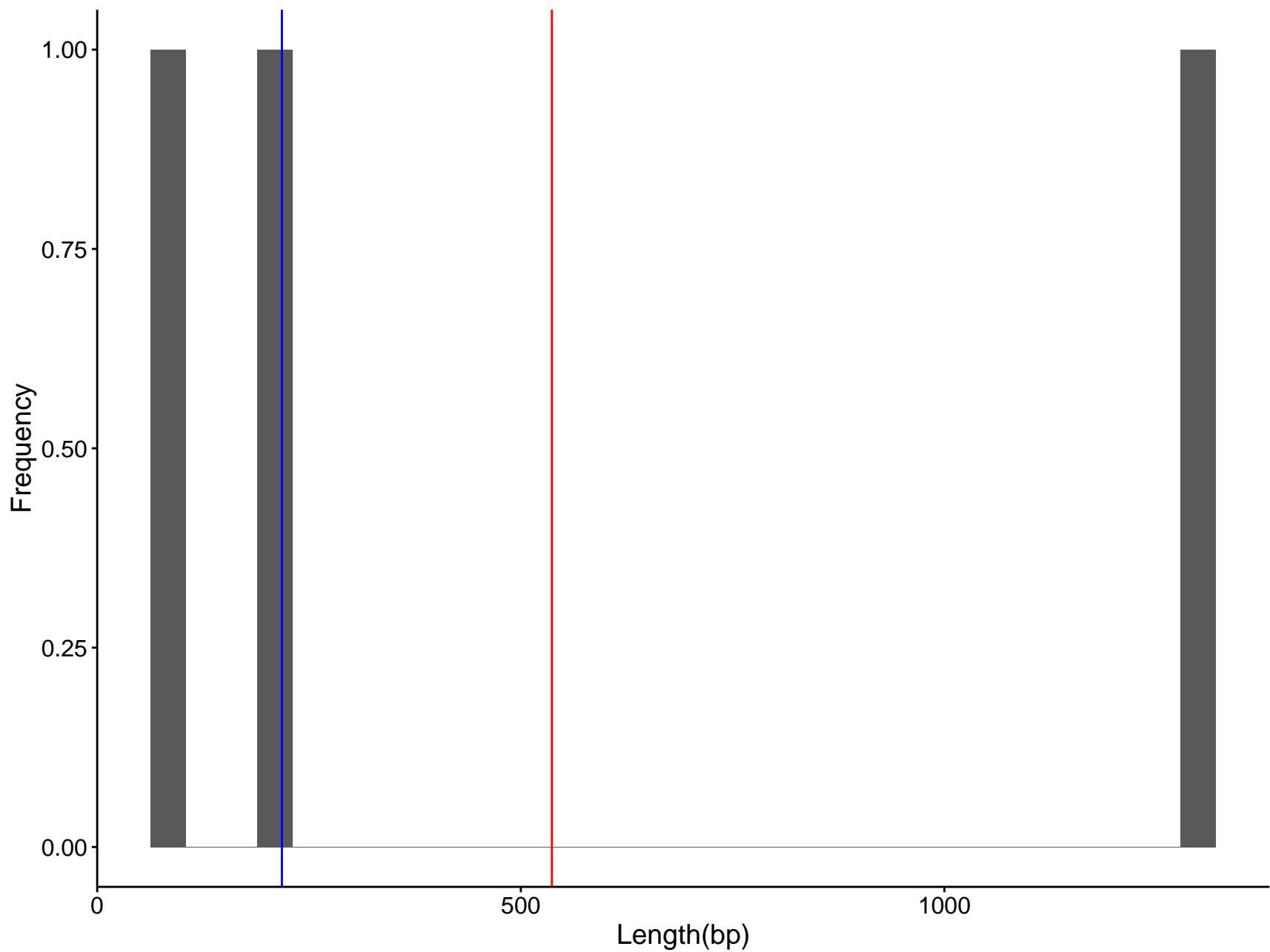
Cluster1386



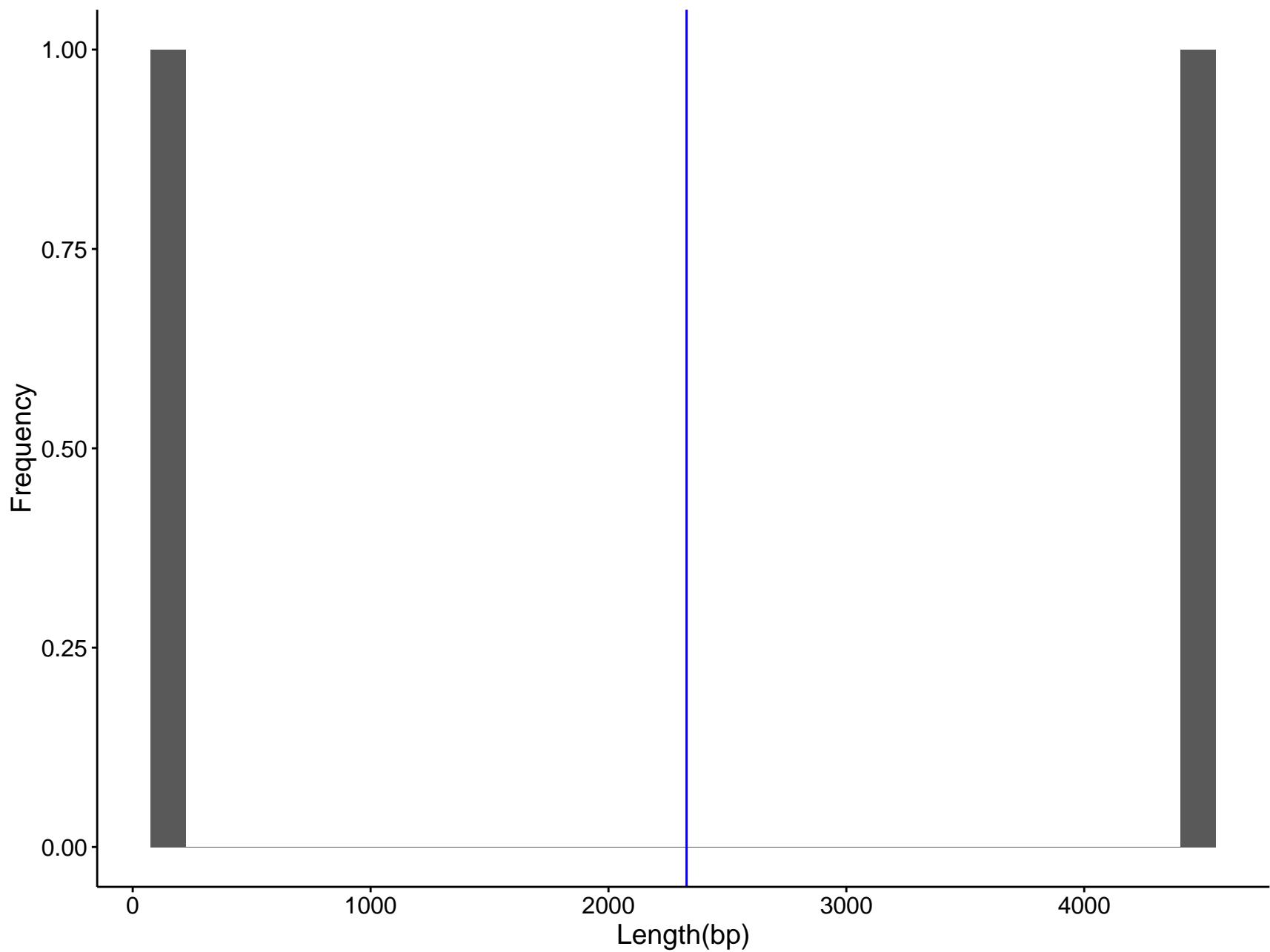
Cluster1387



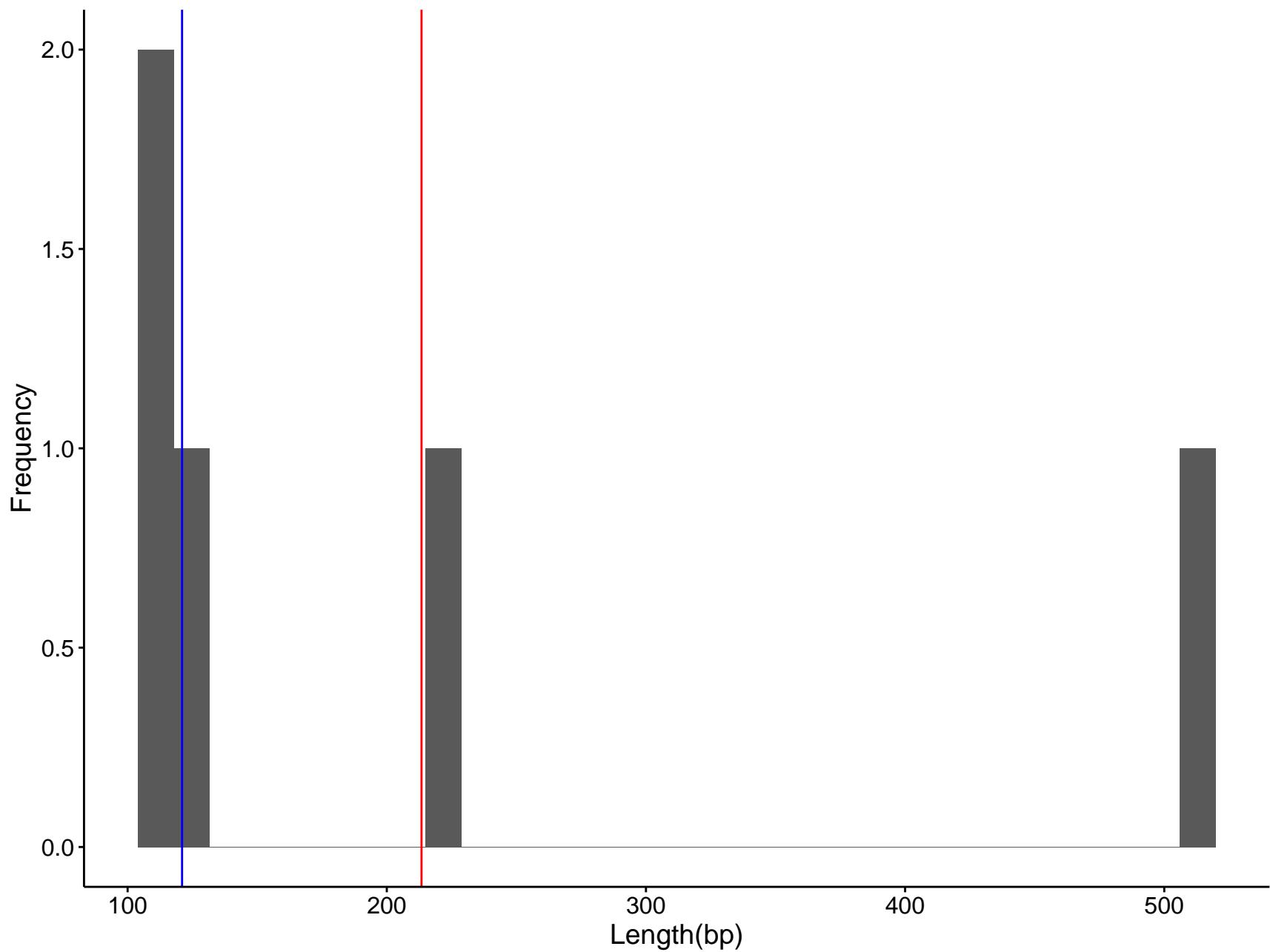
Cluster1388



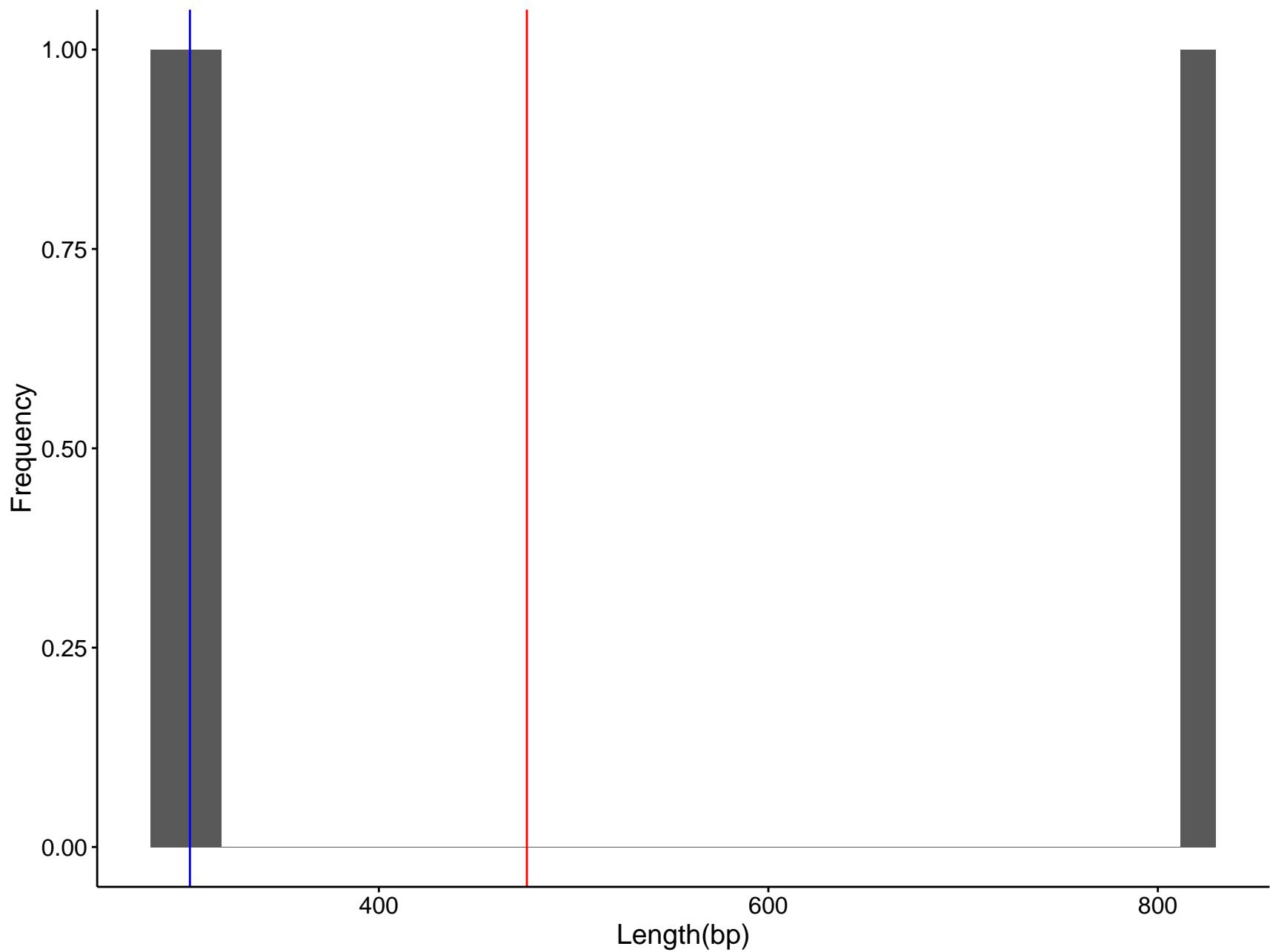
Cluster1391



Cluster1392



Cluster1393



Cluster1395

Frequency

12.950

12.975

13.000

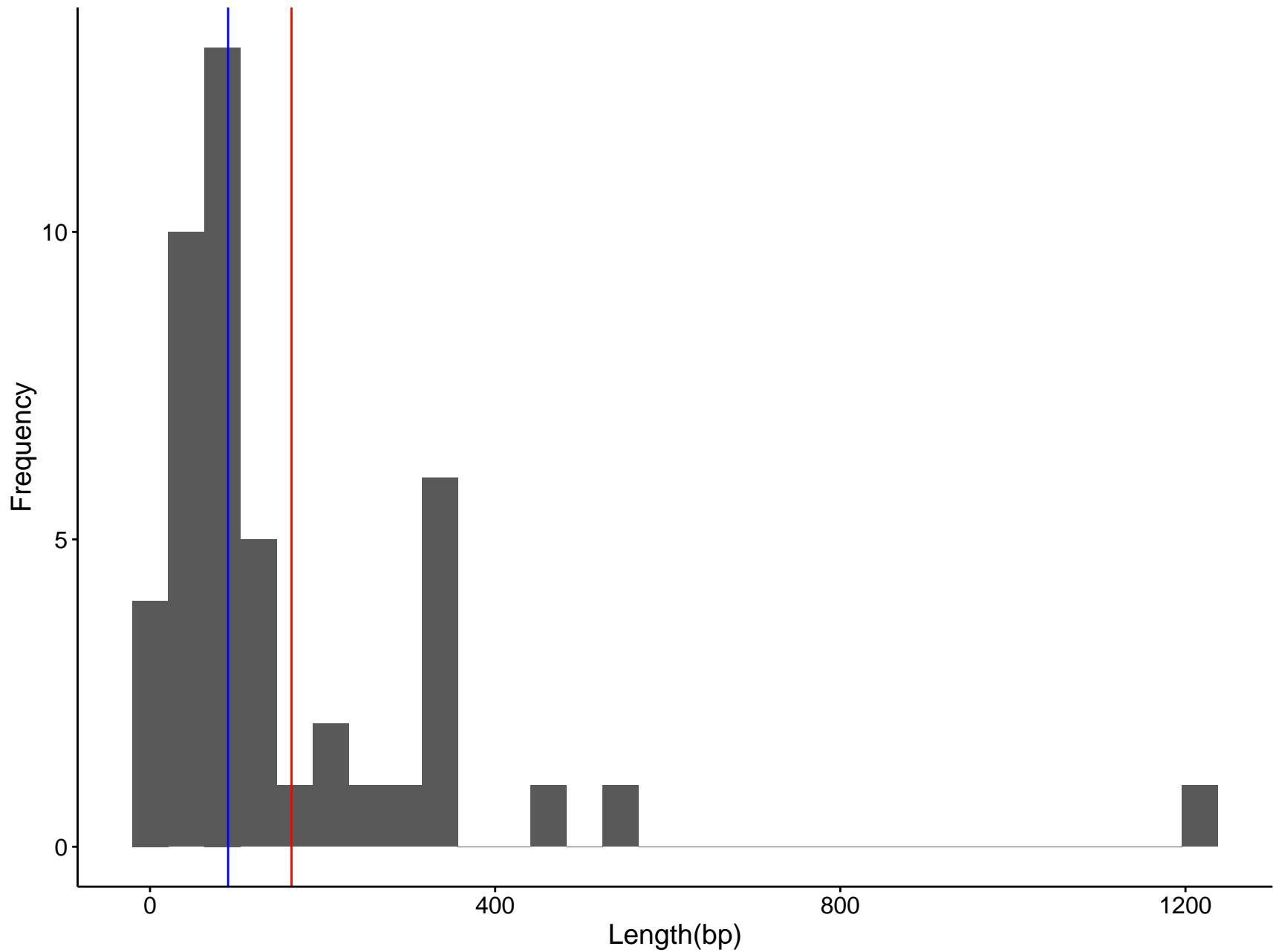
13.025

13.0

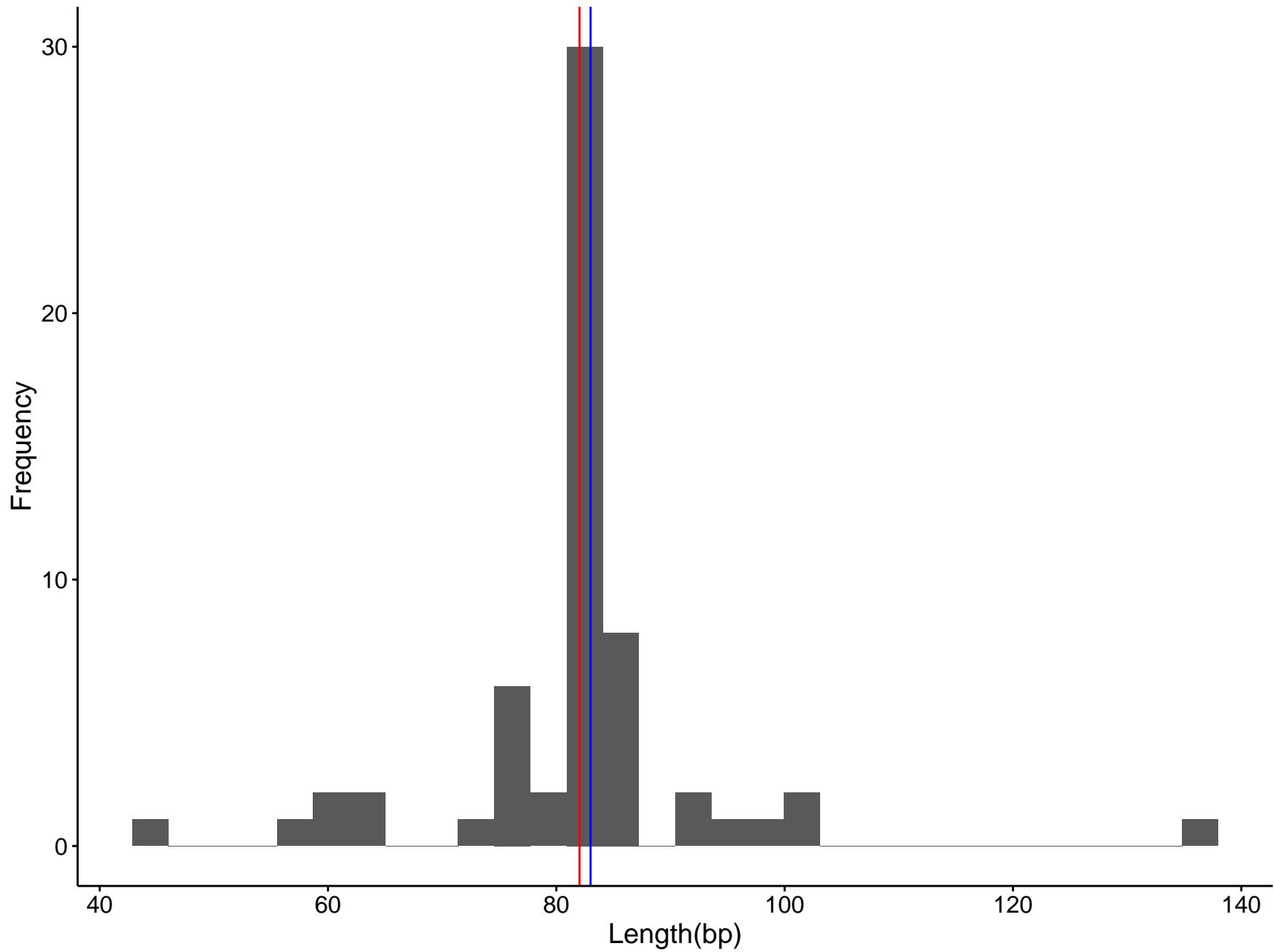
Length(bp)



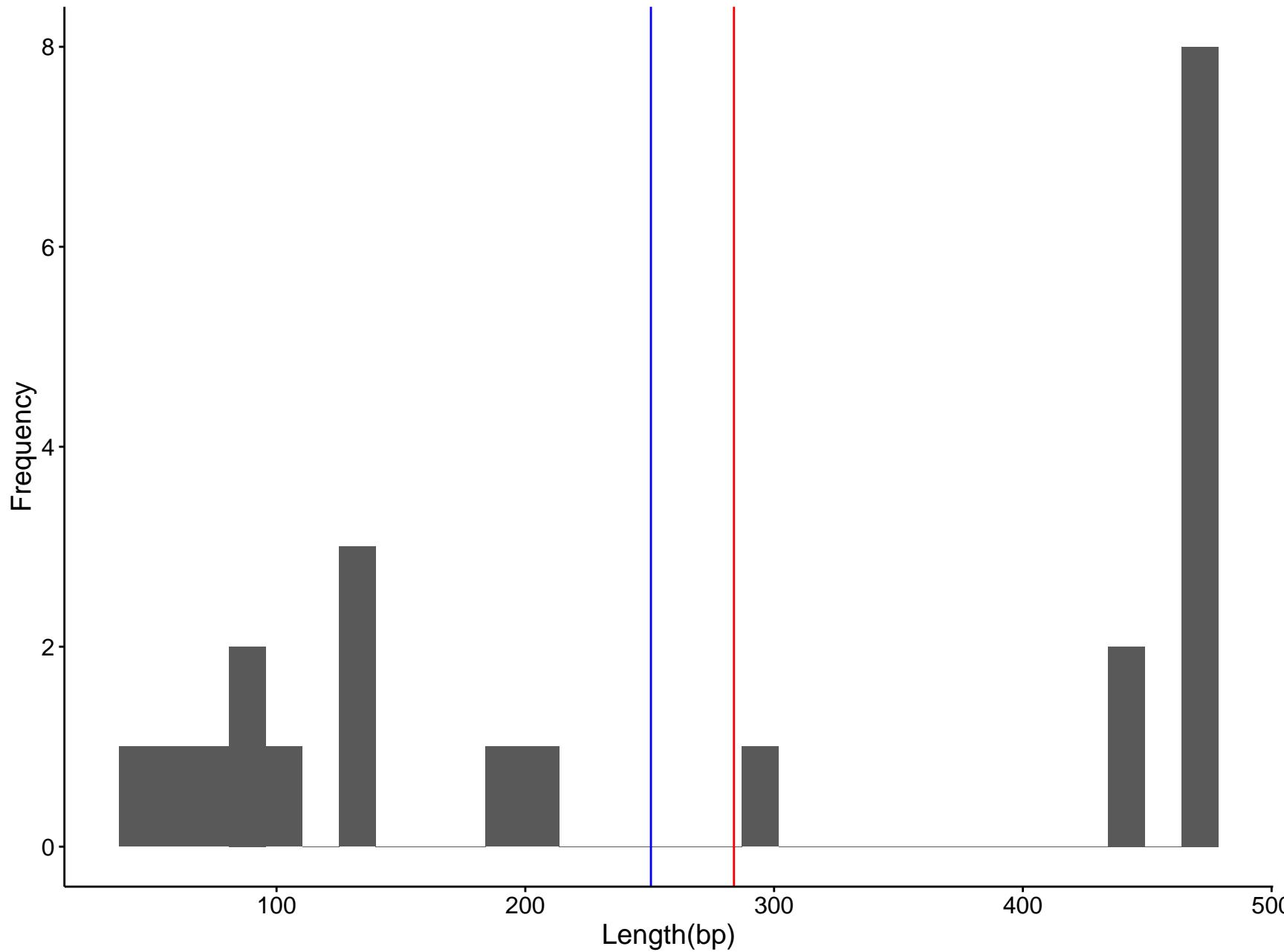
Cluster1397



Cluster1399



Cluster13



Cluster1400

Frequency

79.950

79.975

80.000

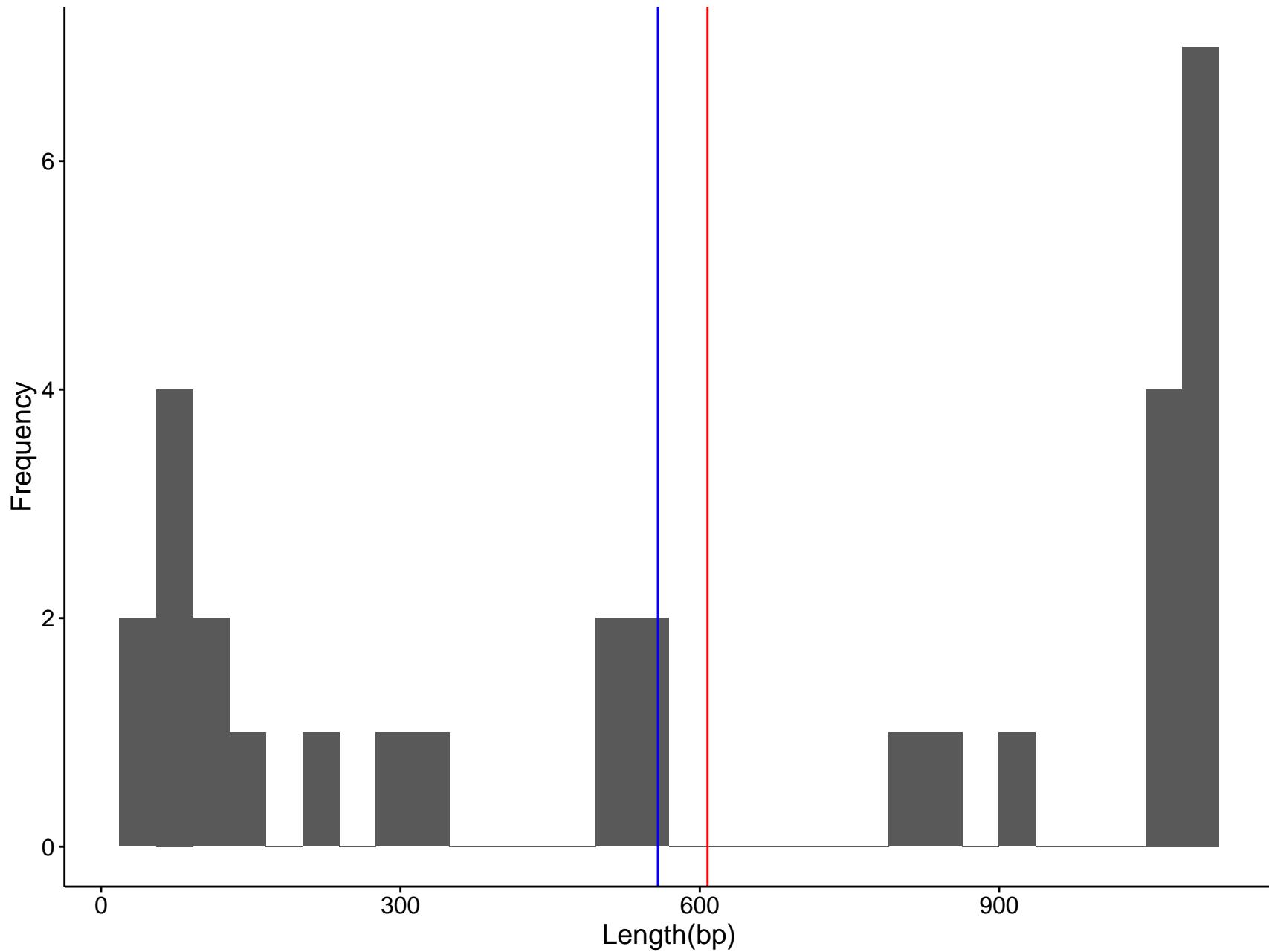
80.025

80.0

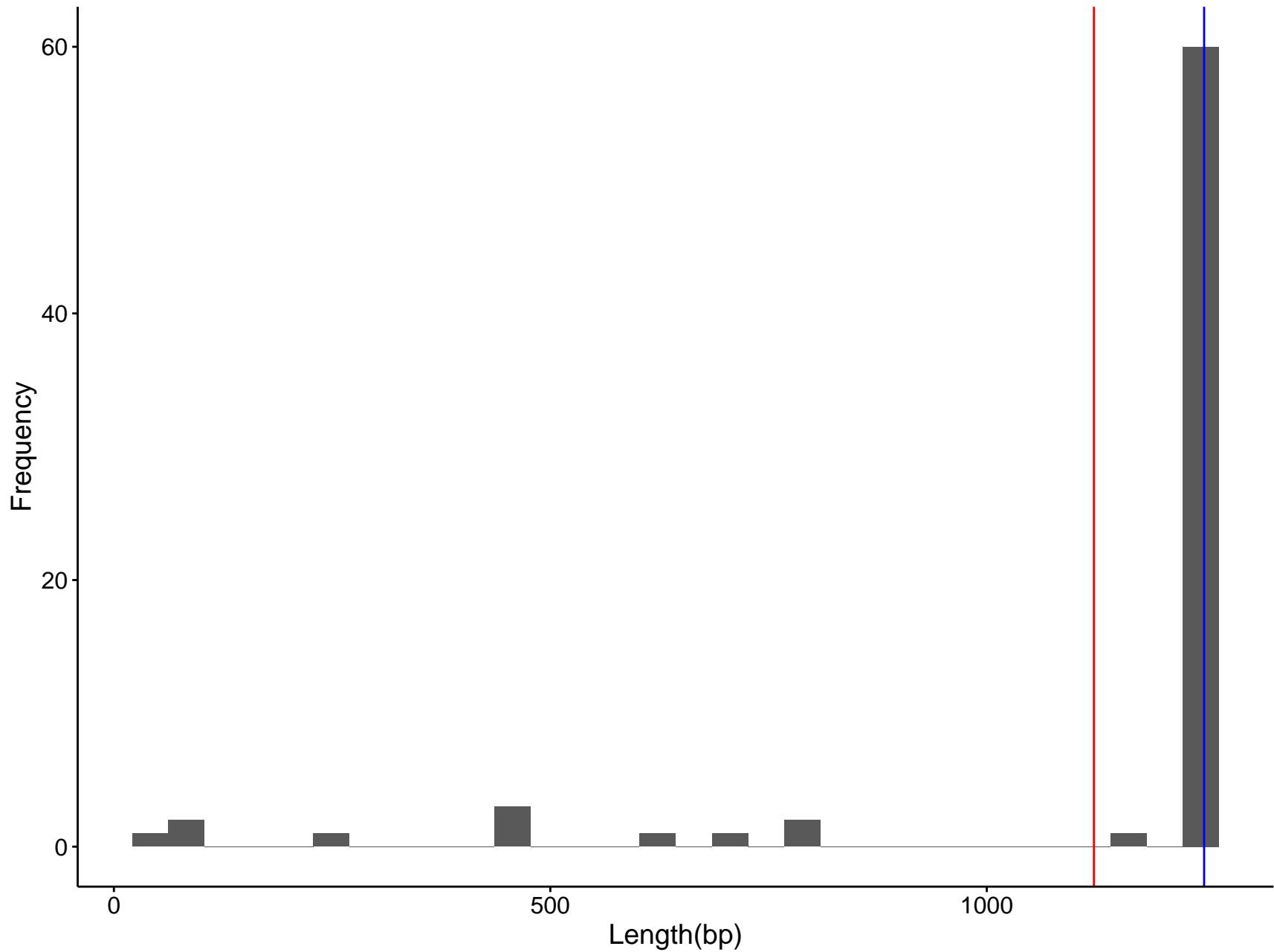
Length(bp)



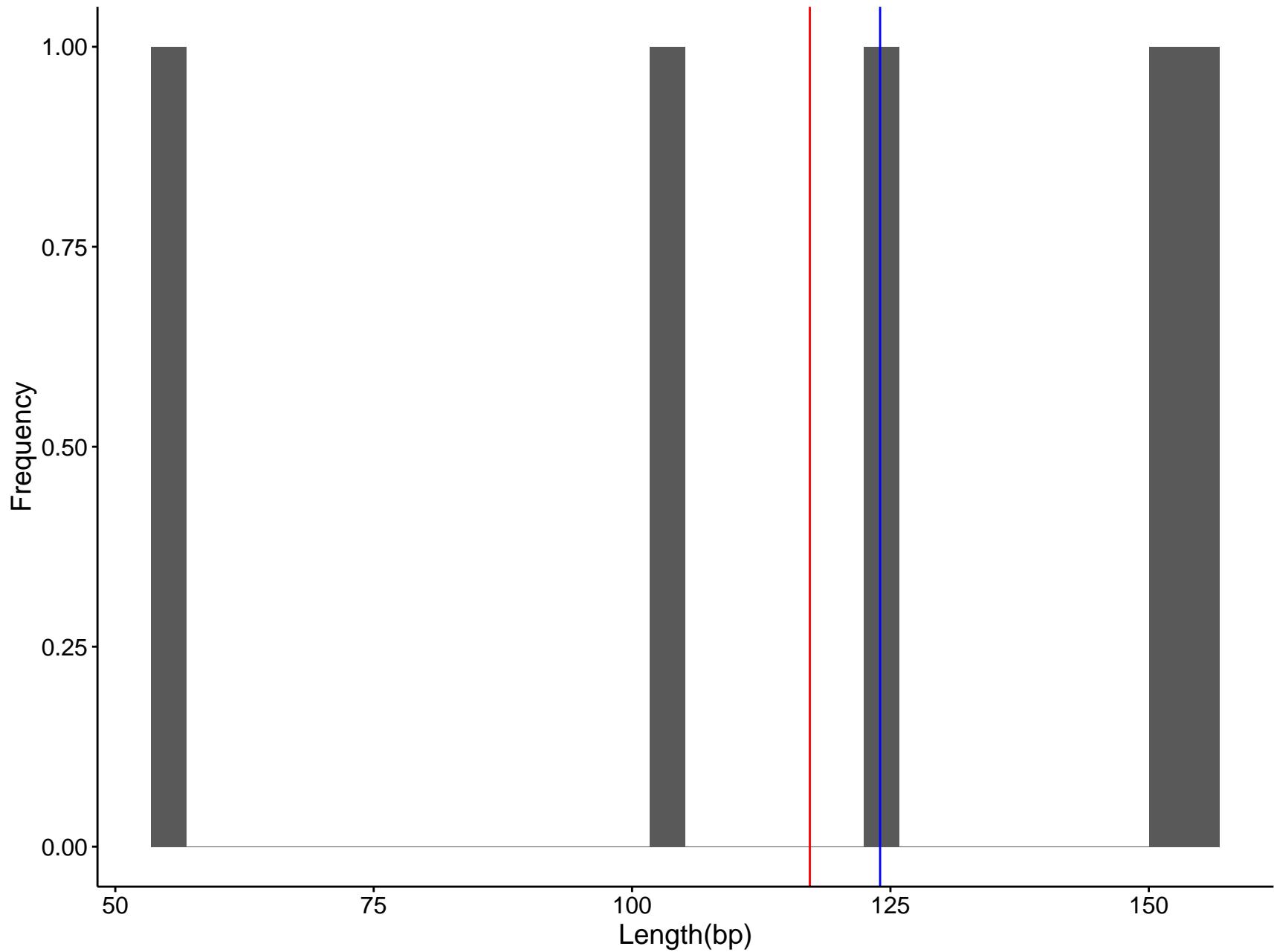
Cluster1401



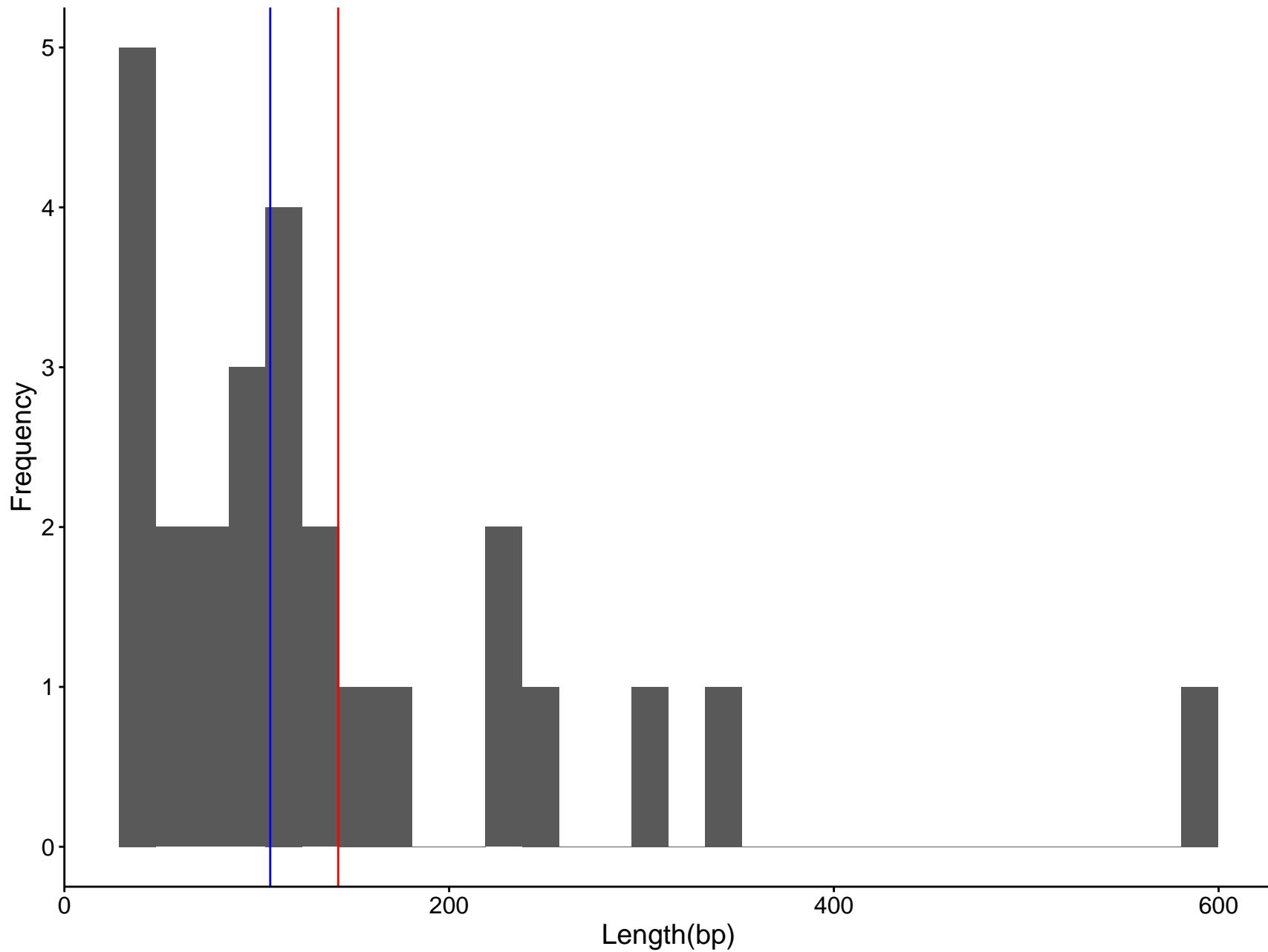
Cluster1402



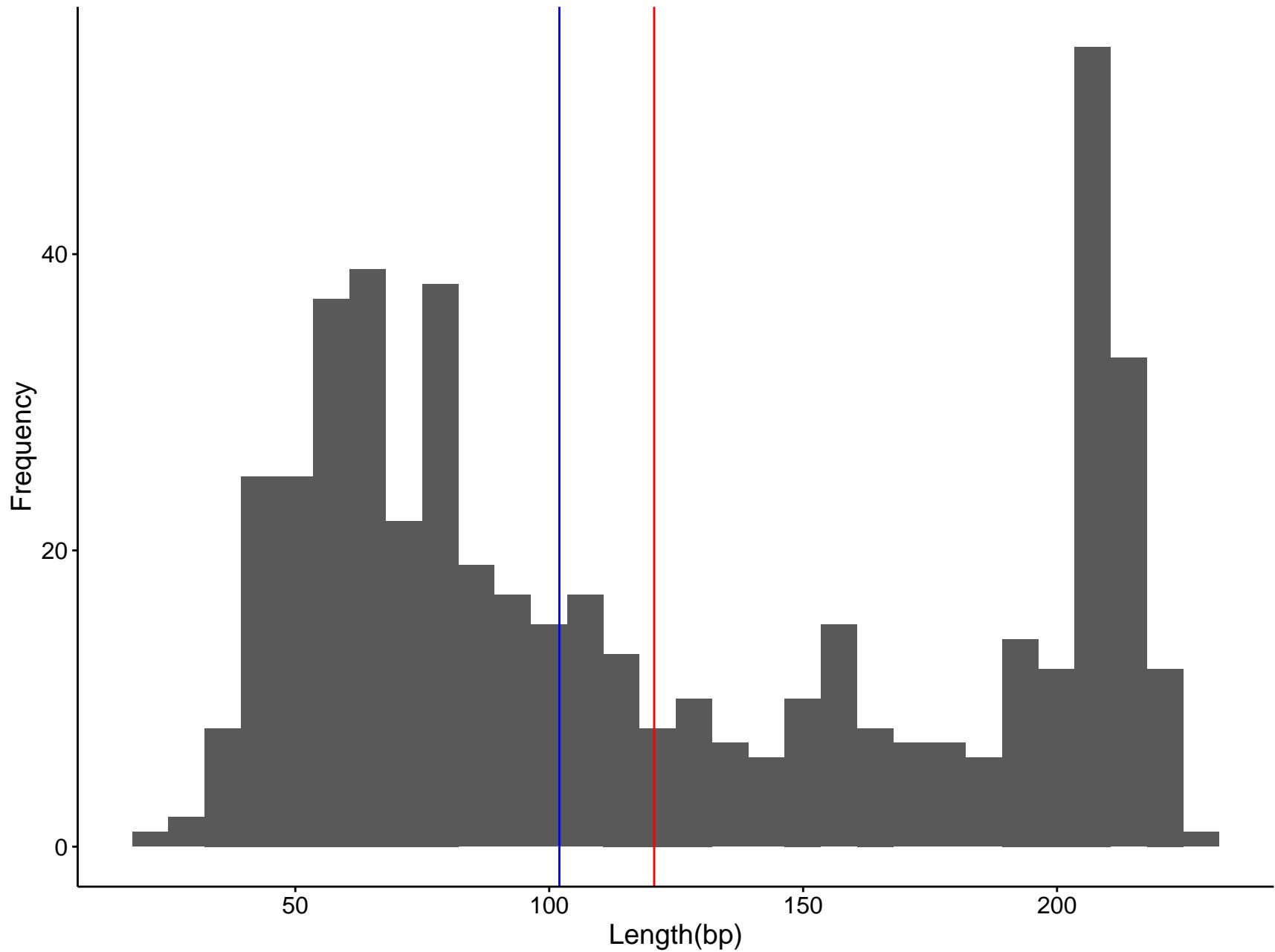
Cluster1403



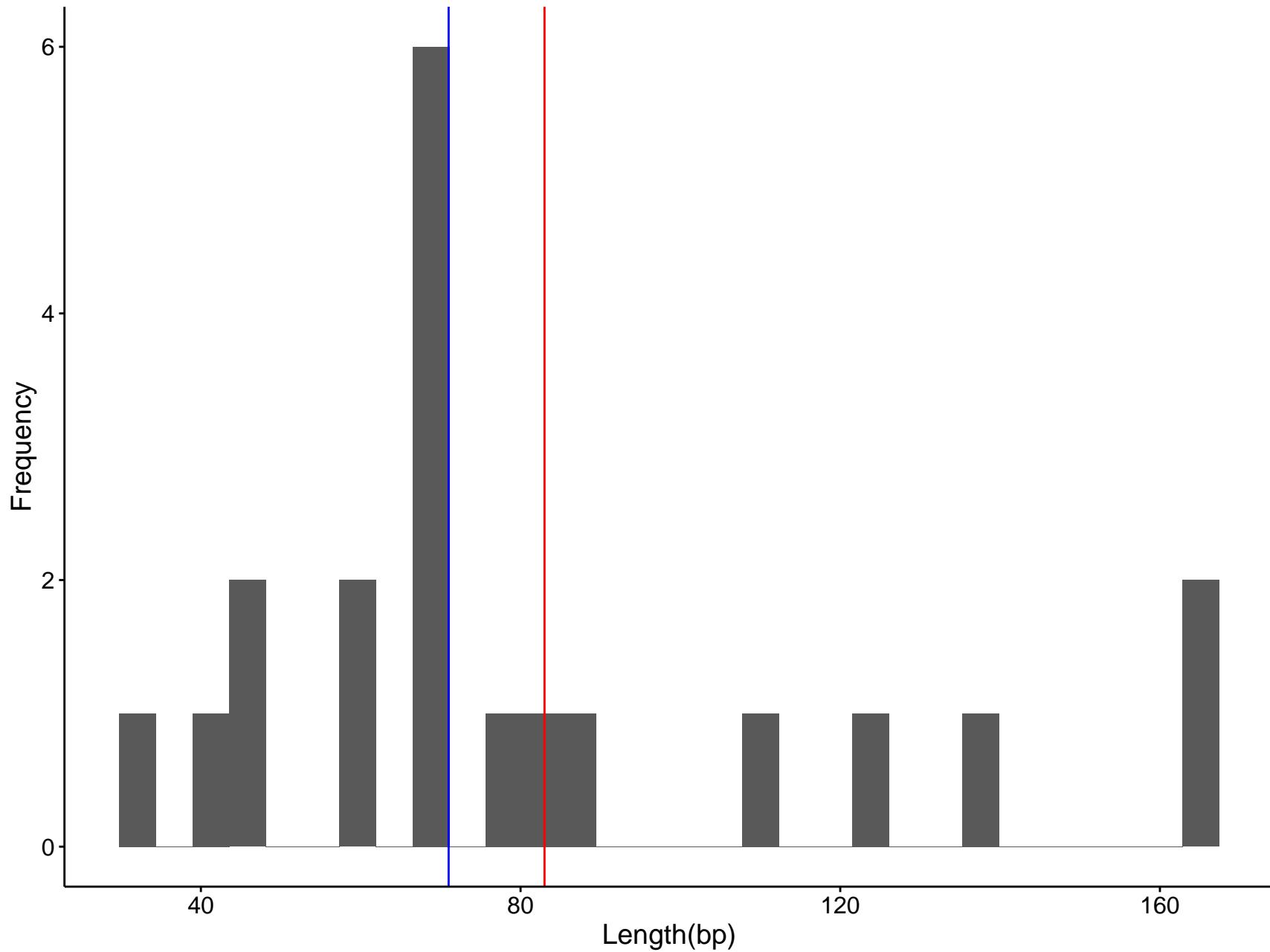
Cluster1404



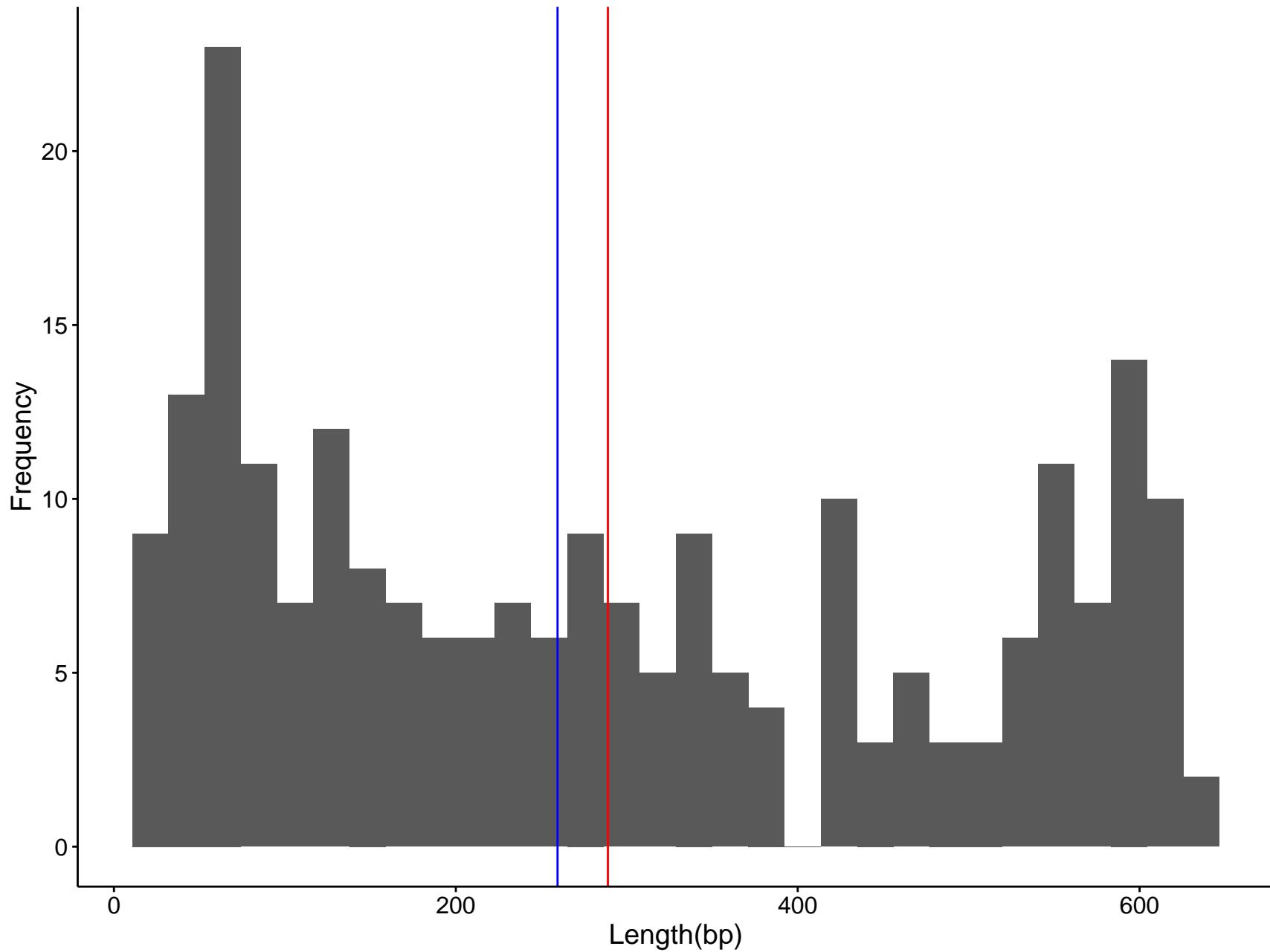
Cluster1405



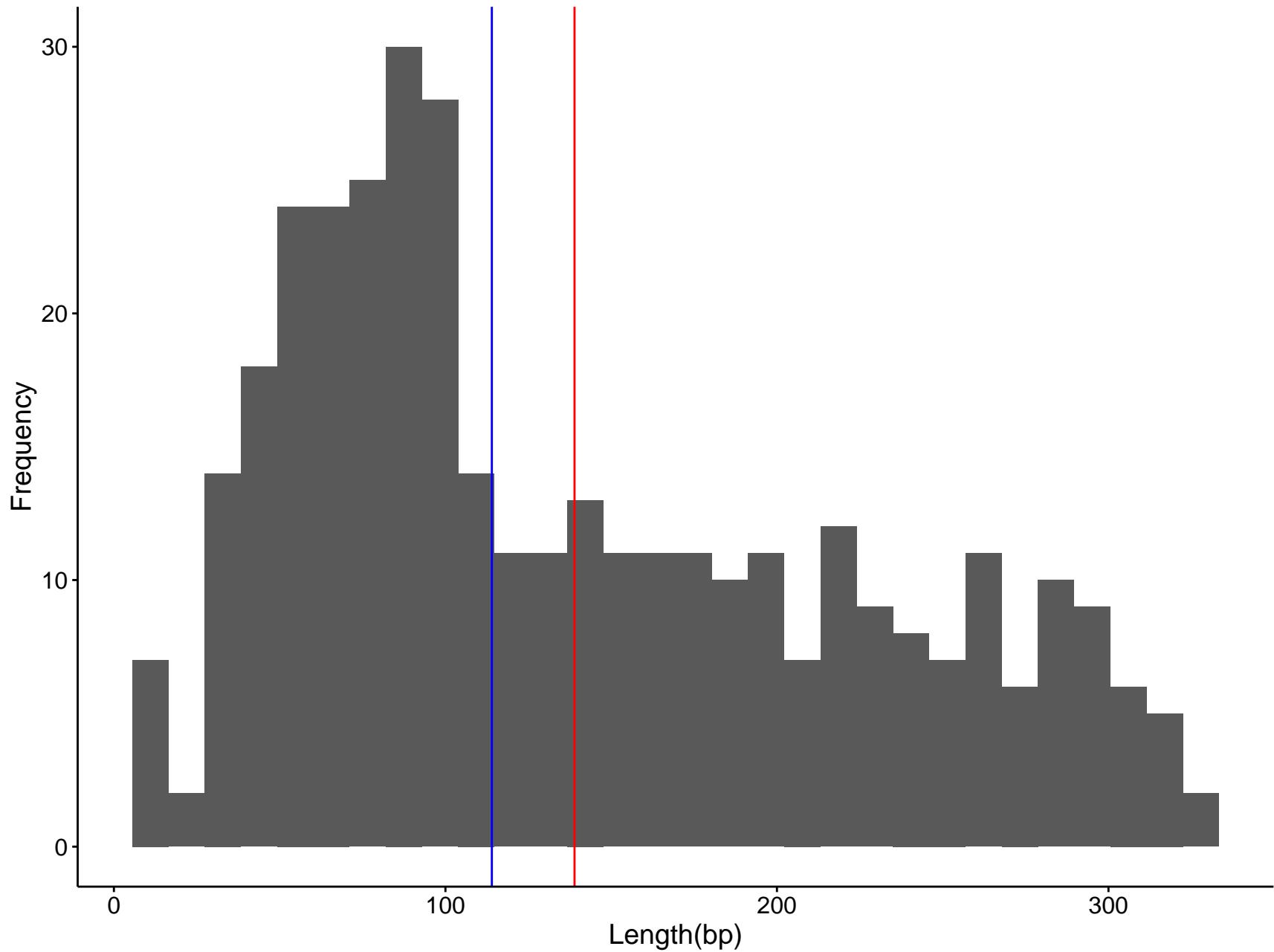
Cluster1406



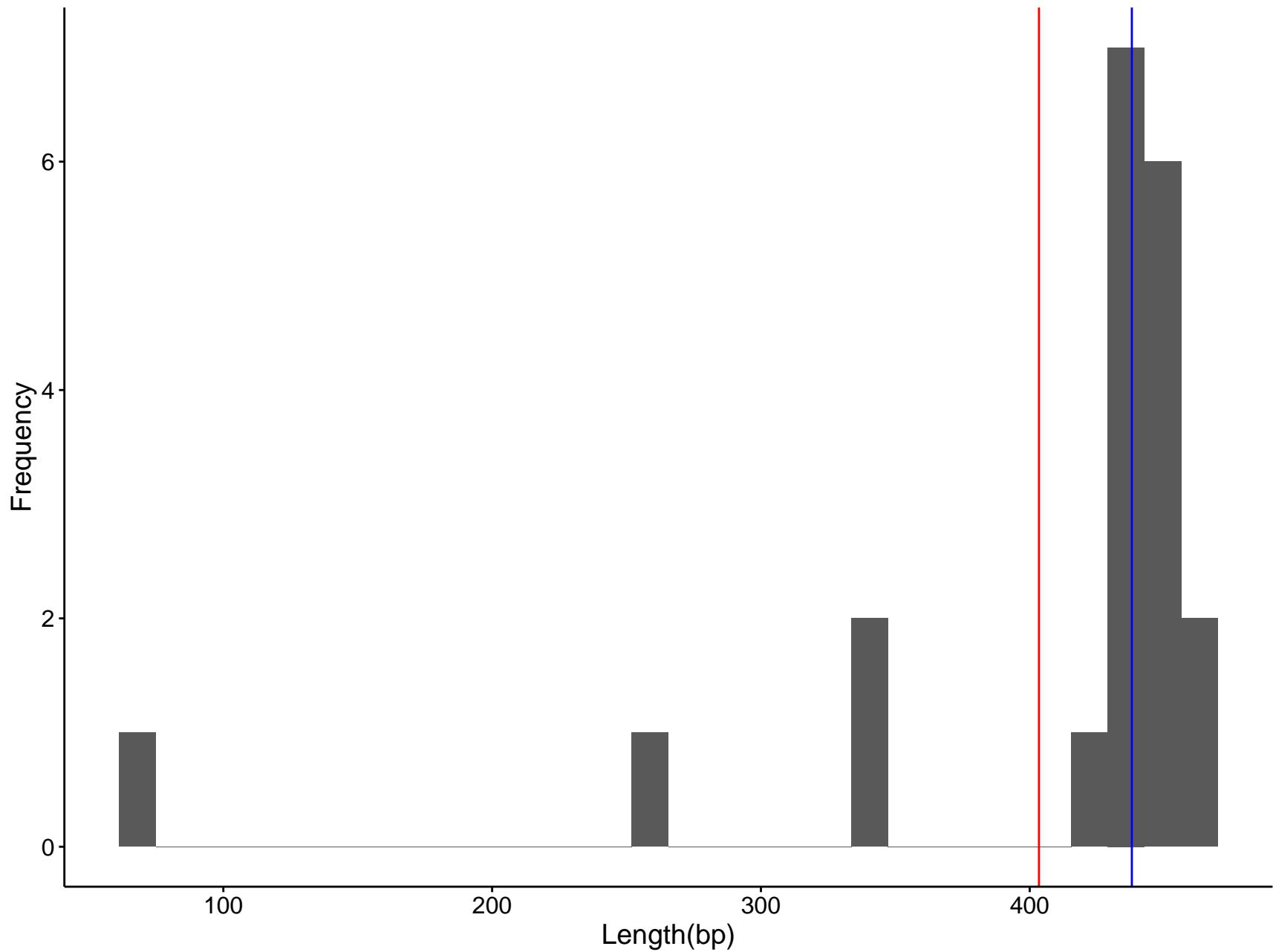
Cluster1407



Cluster1408



Cluster1409



Cluster140

Frequency

174.950

174.975

175.000

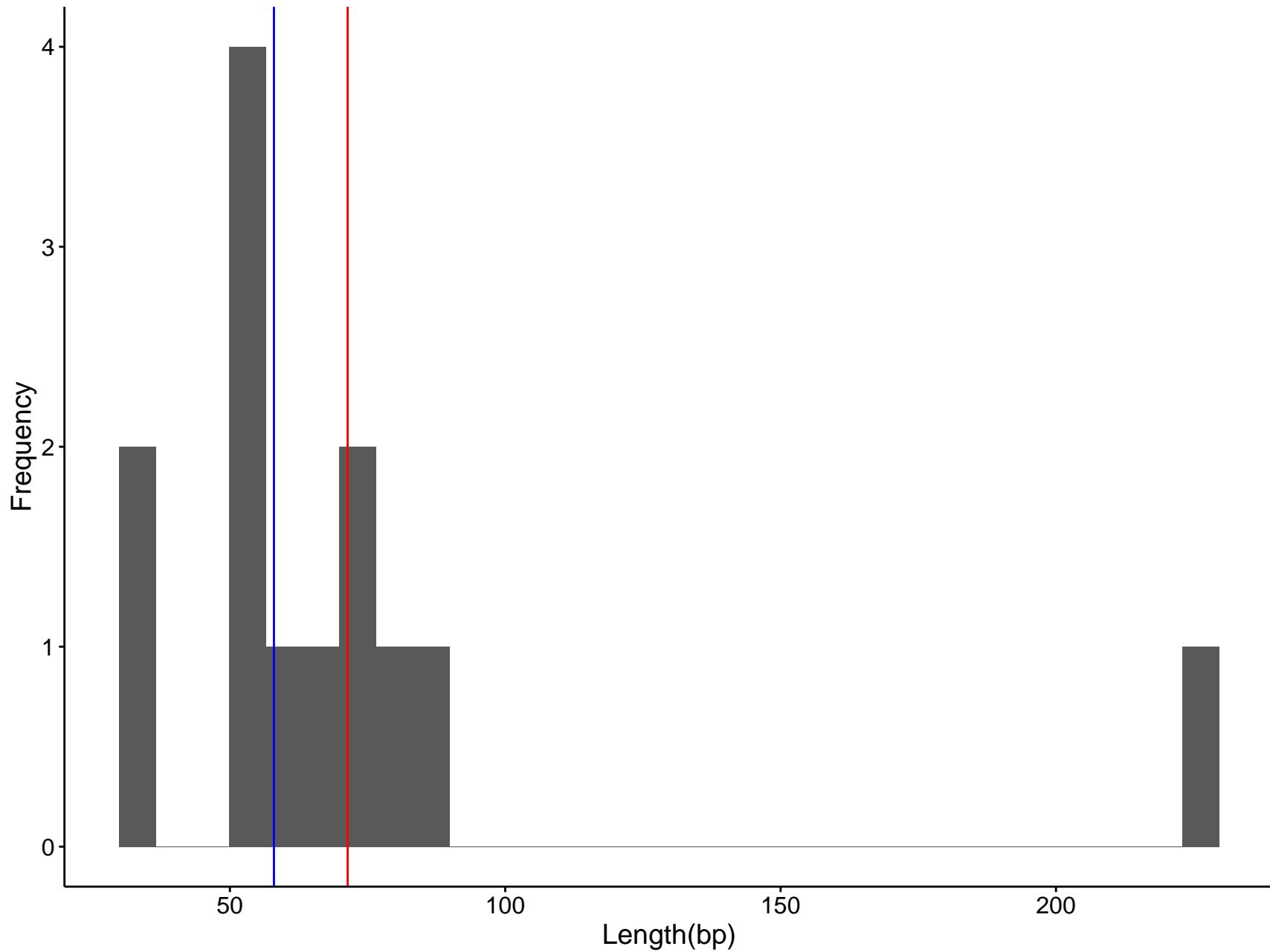
175.025

175.050

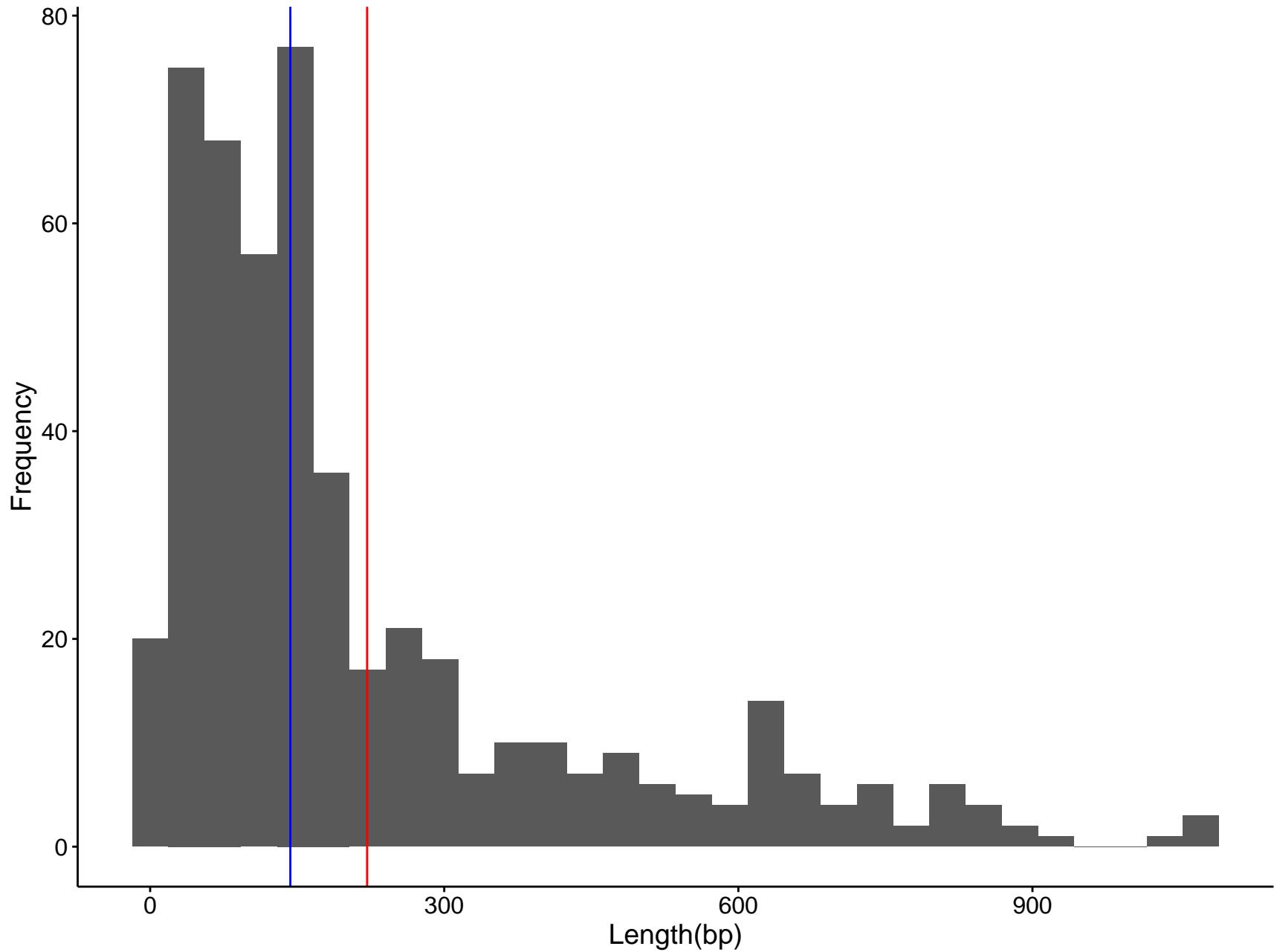
Length(bp)



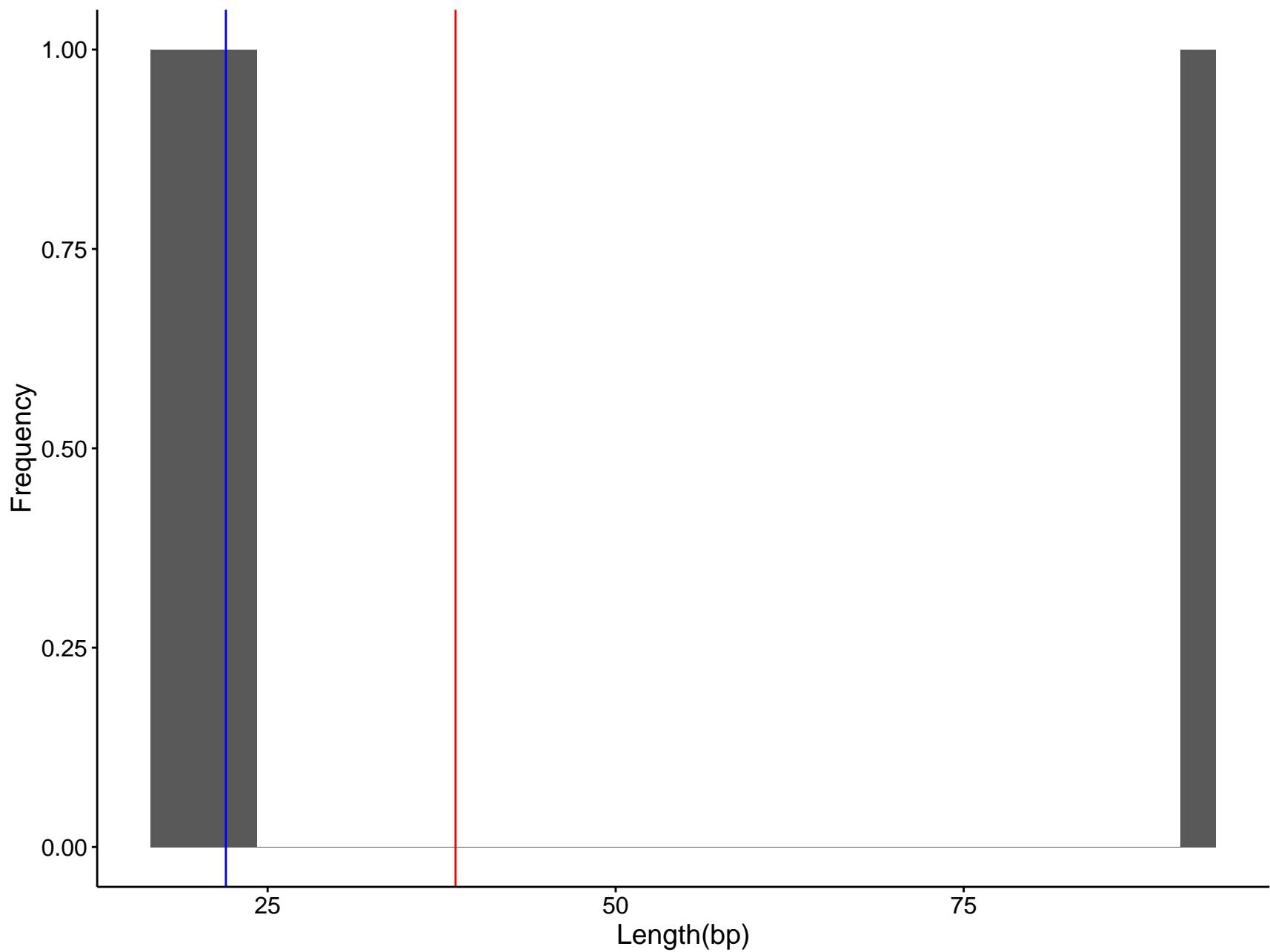
Cluster1410



Cluster1411



Cluster1412



Cluster1414

Frequency

46.950

46.975

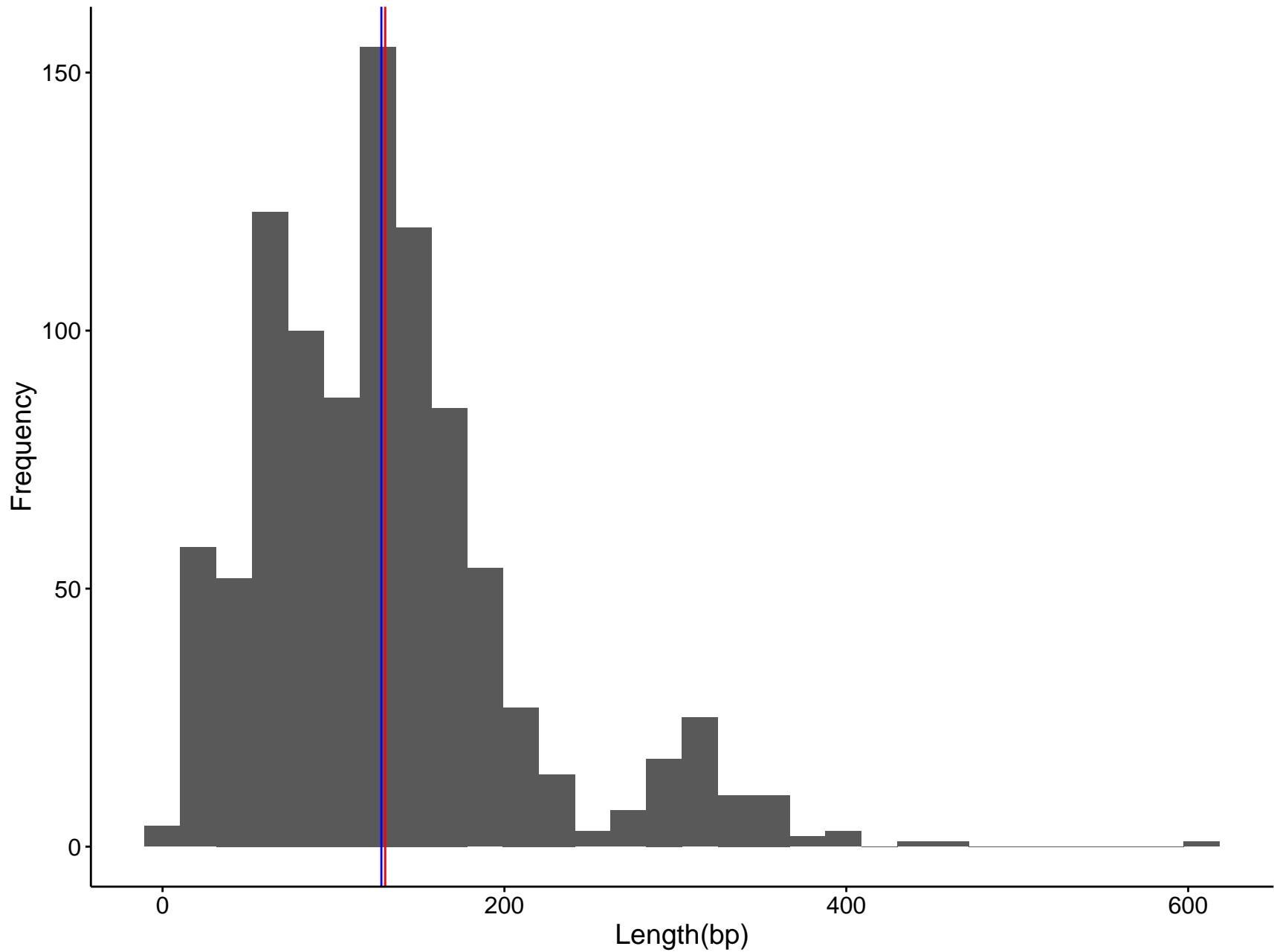
47.000

47.025

Length(bp)



Cluster1418



Cluster1419

Frequency

58.950

58.975

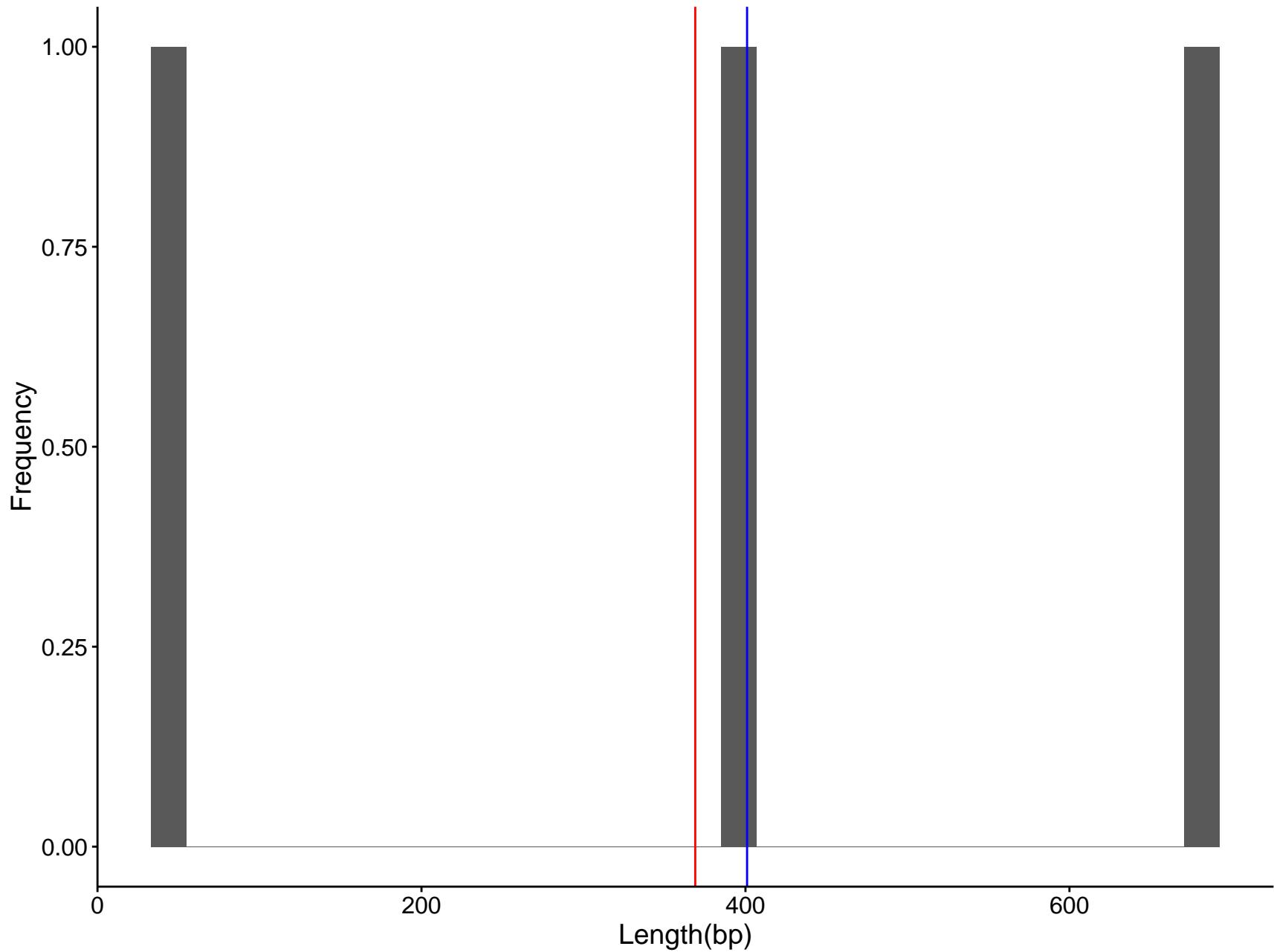
59.000

59.025

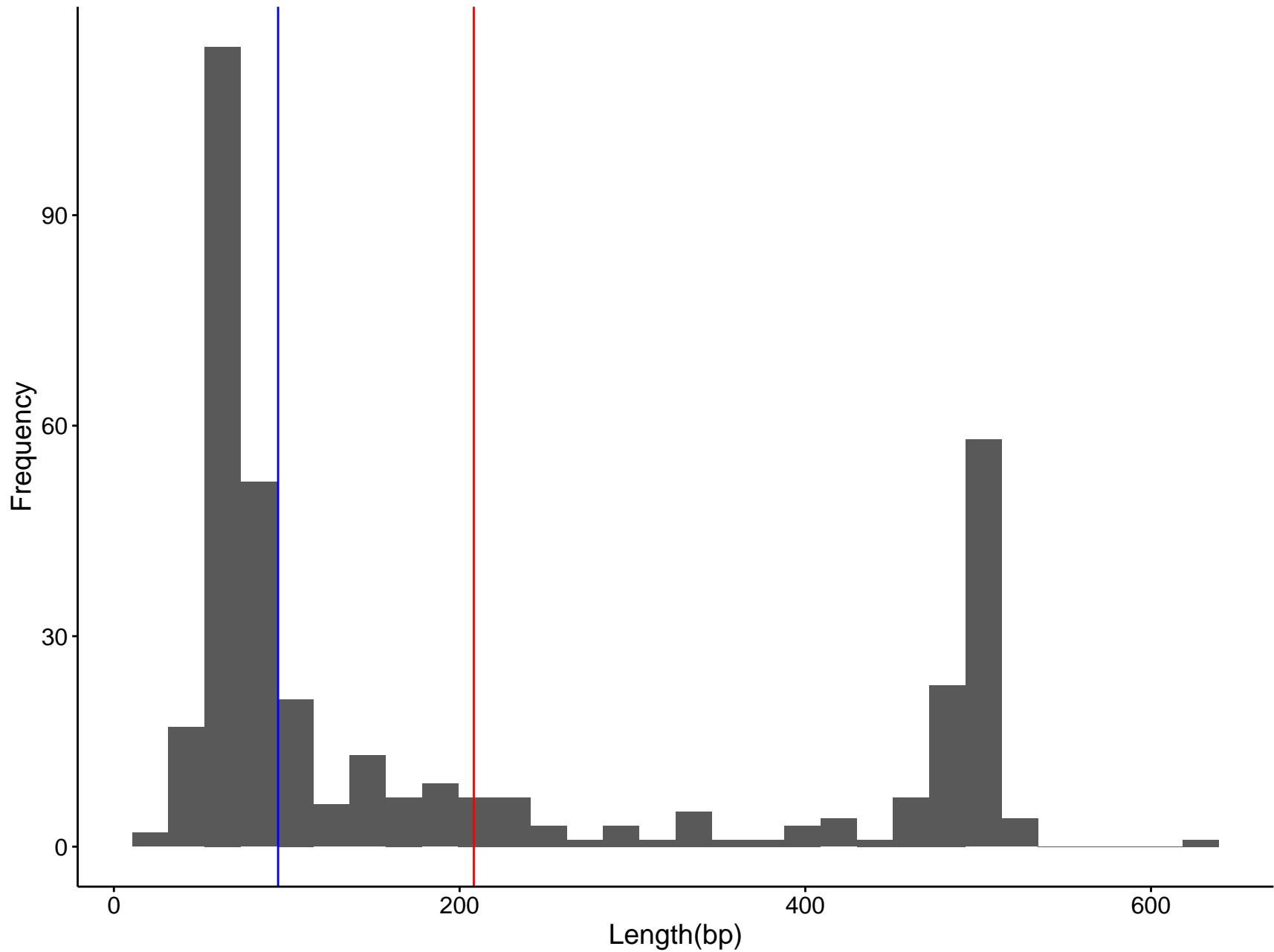
Length(bp)



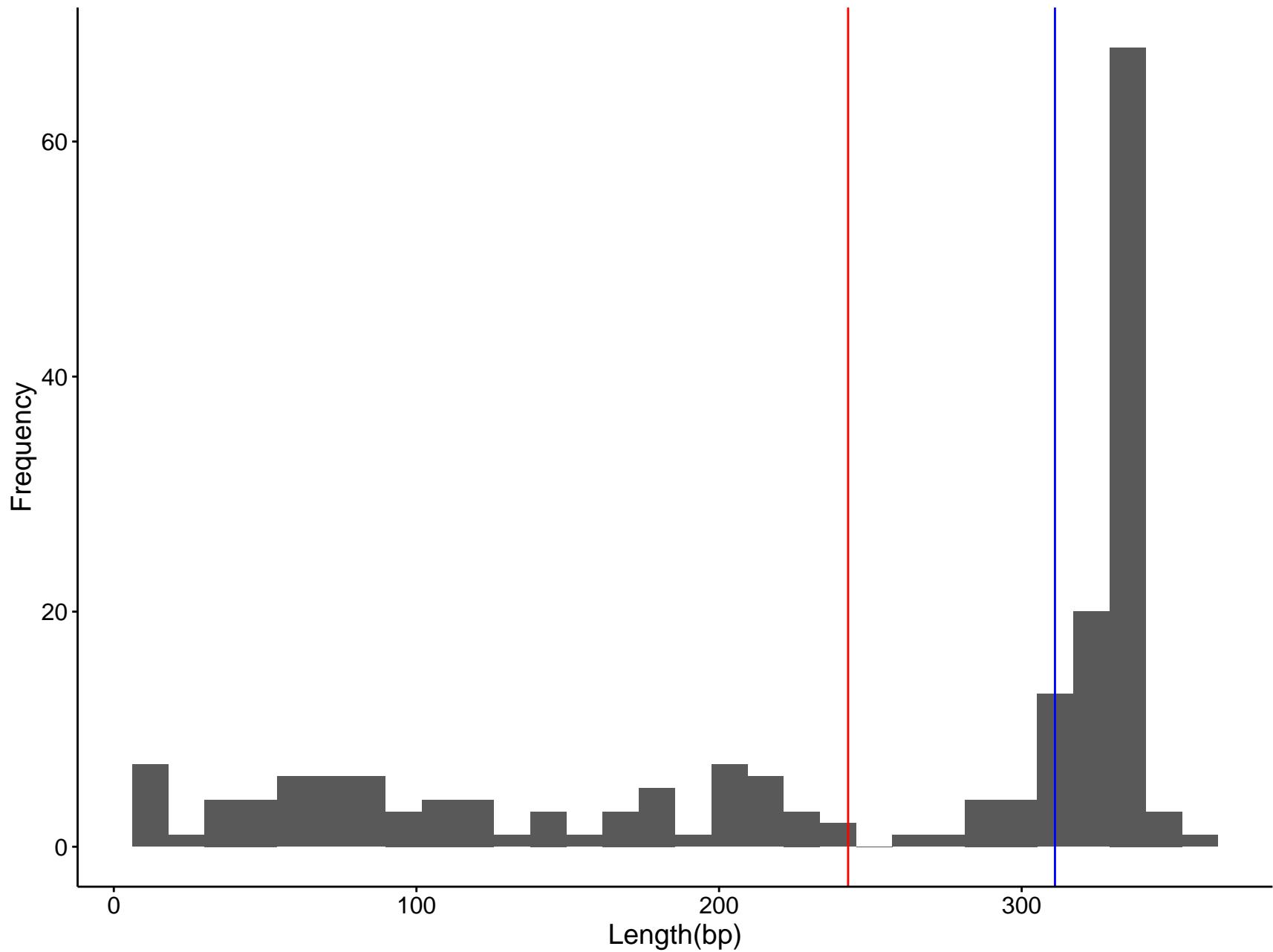
Cluster141



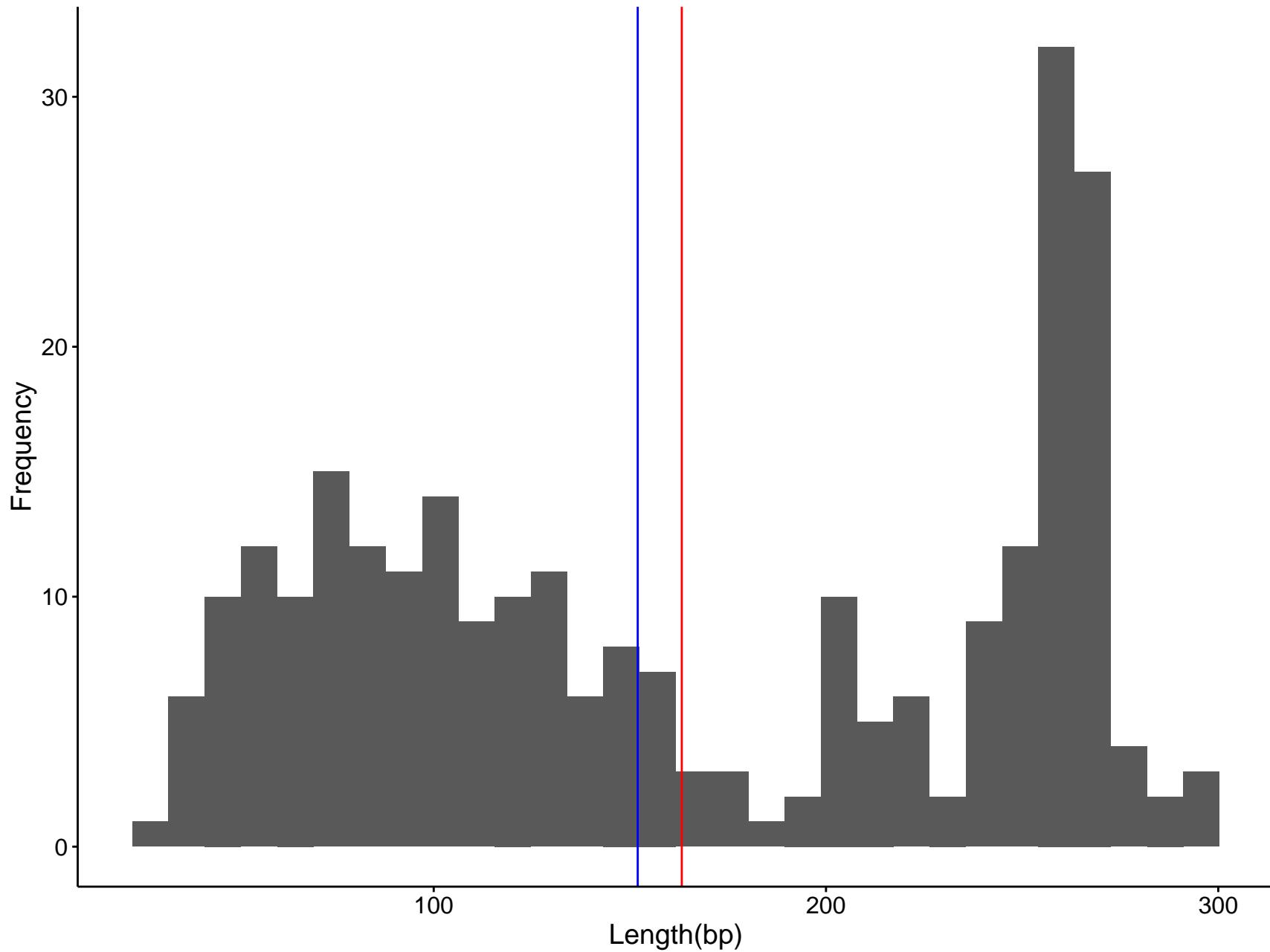
Cluster1423



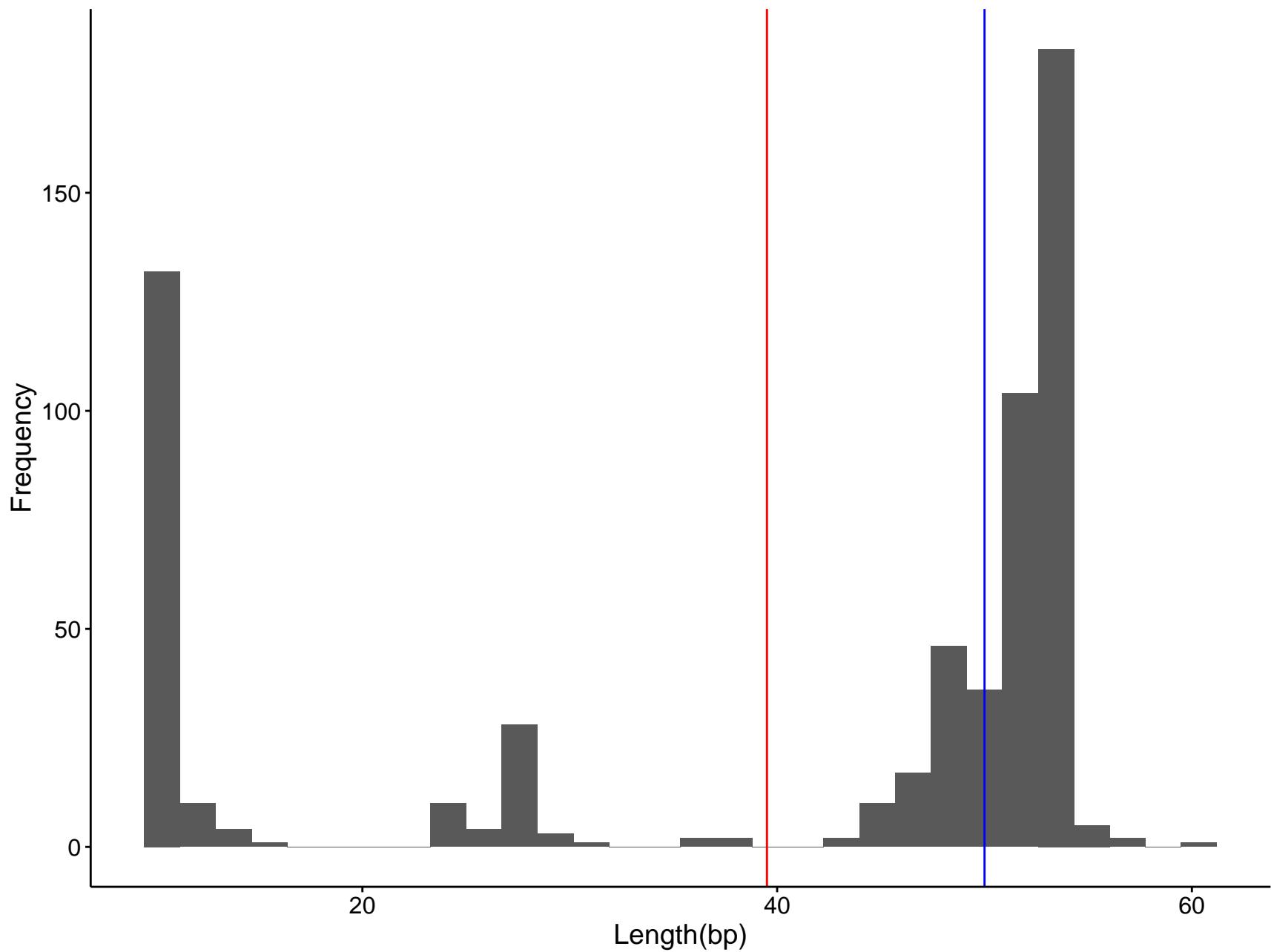
Cluster1424



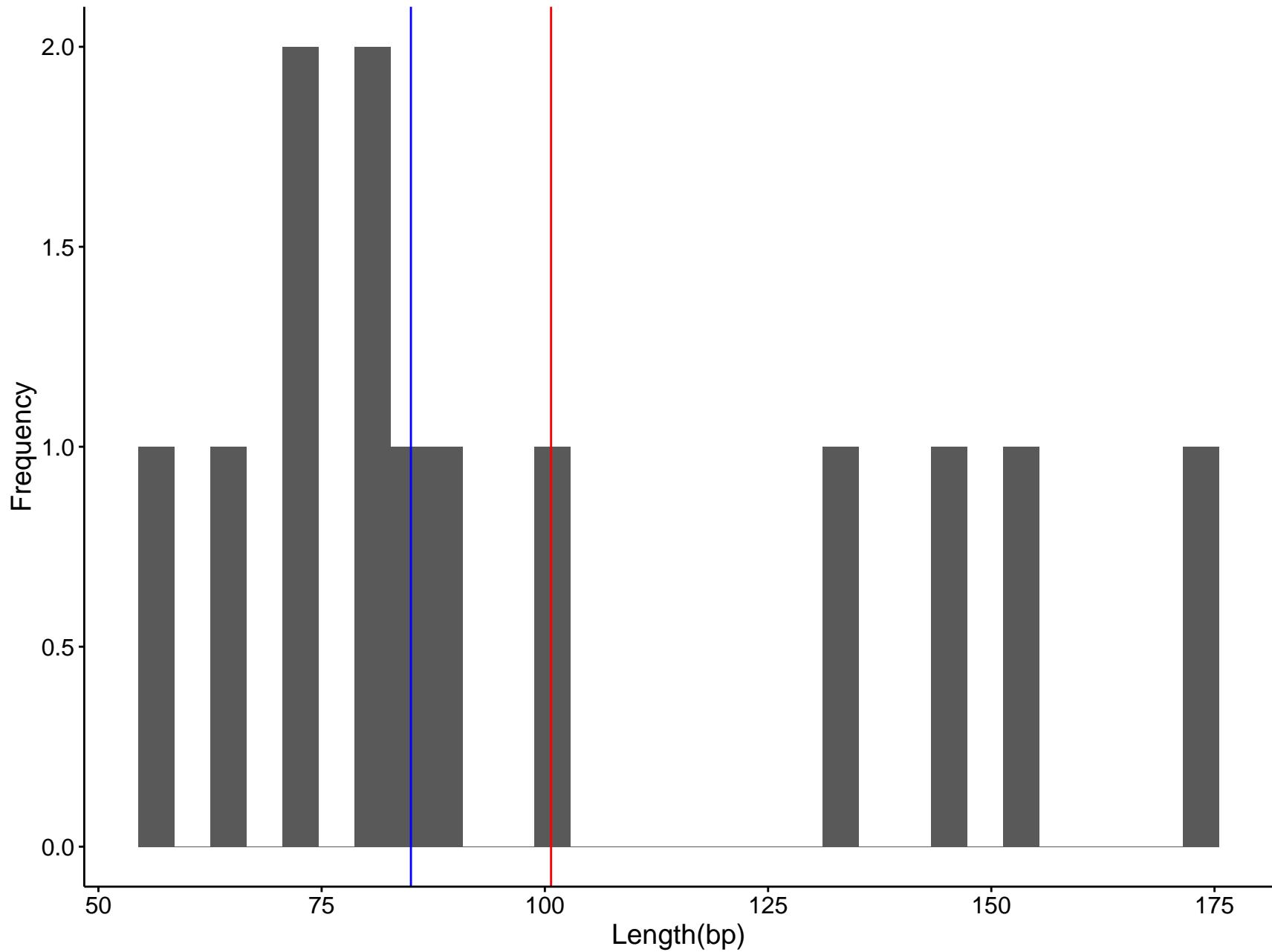
Cluster1425



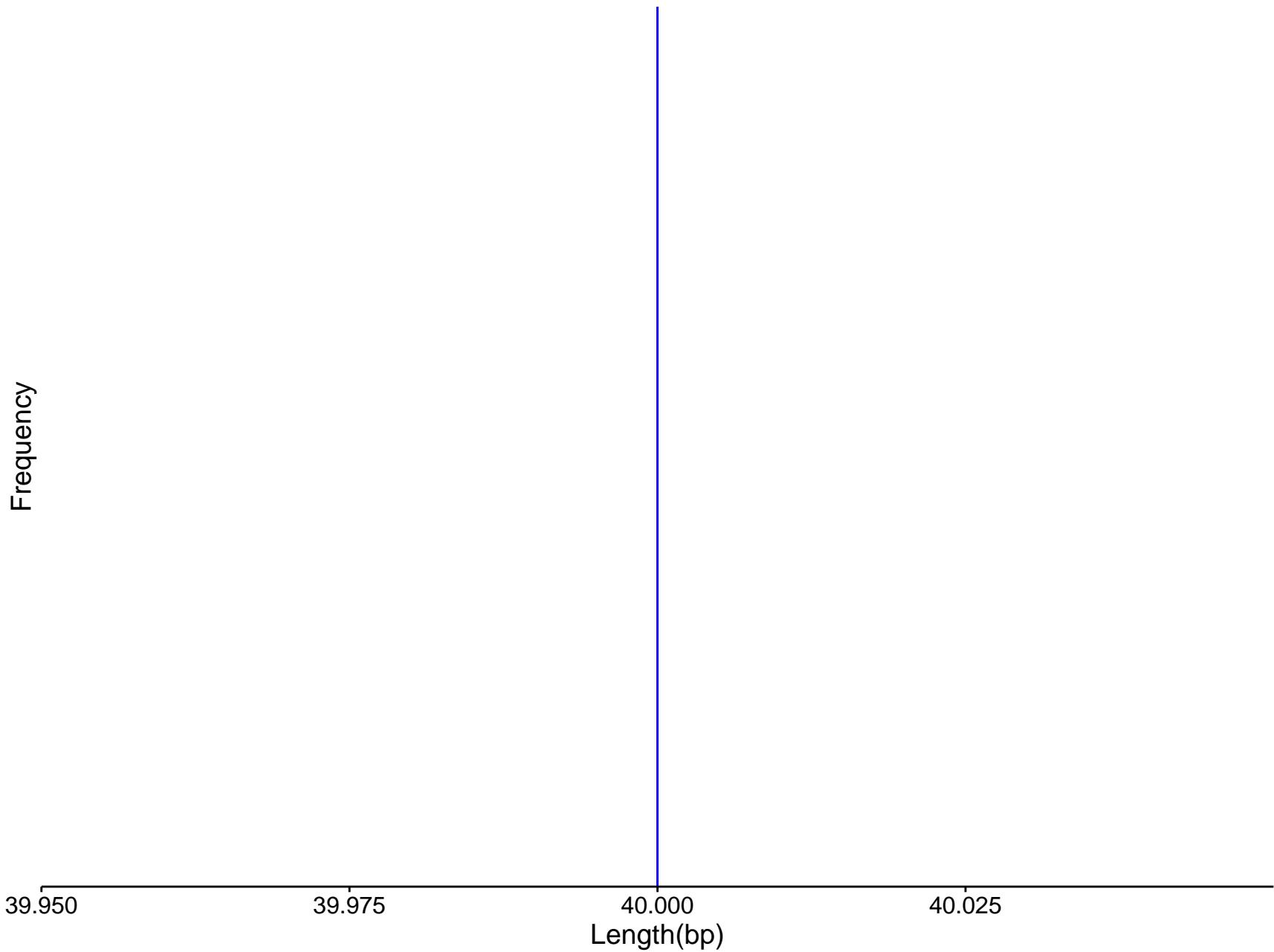
Cluster1426



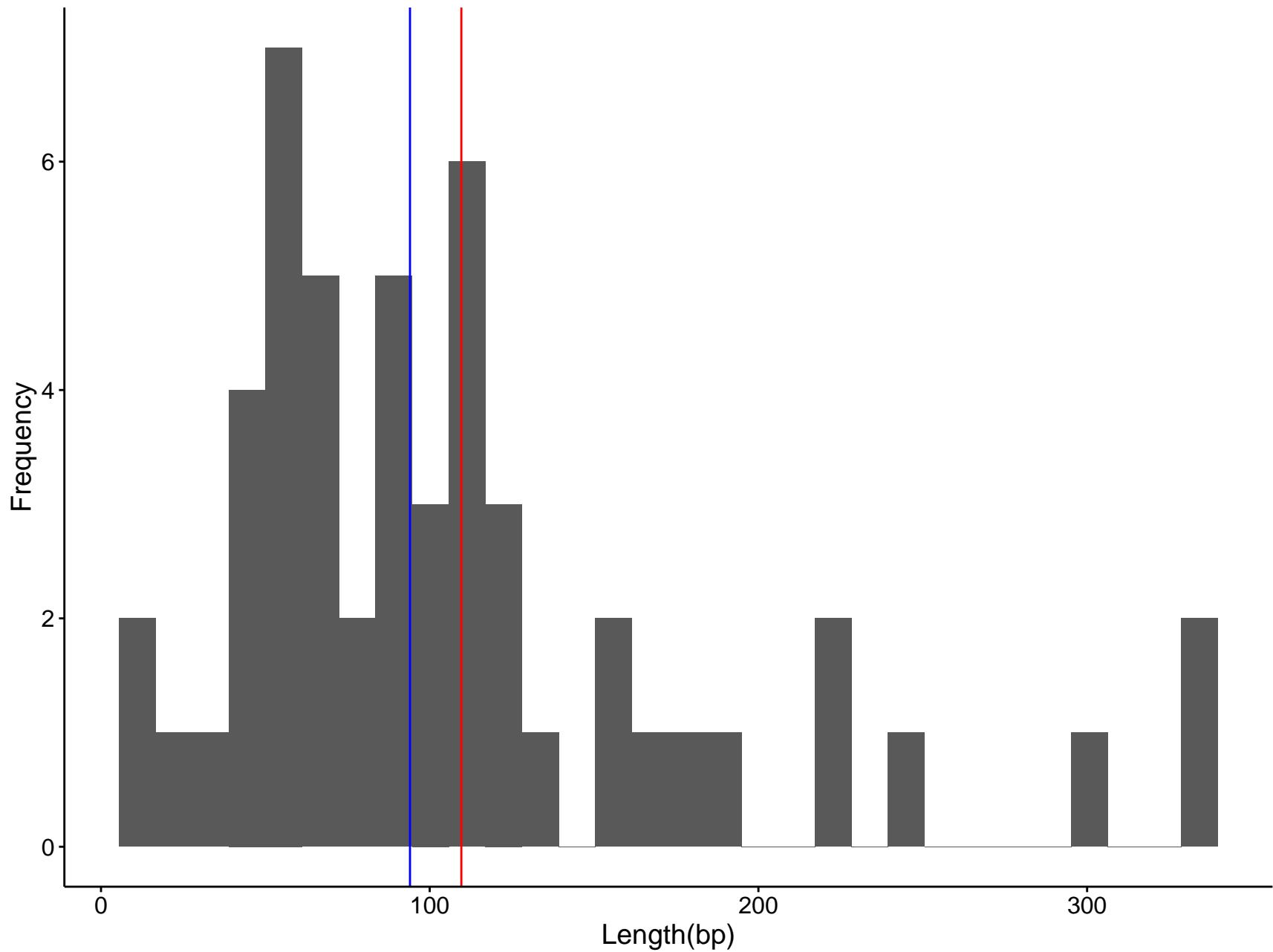
Cluster1427



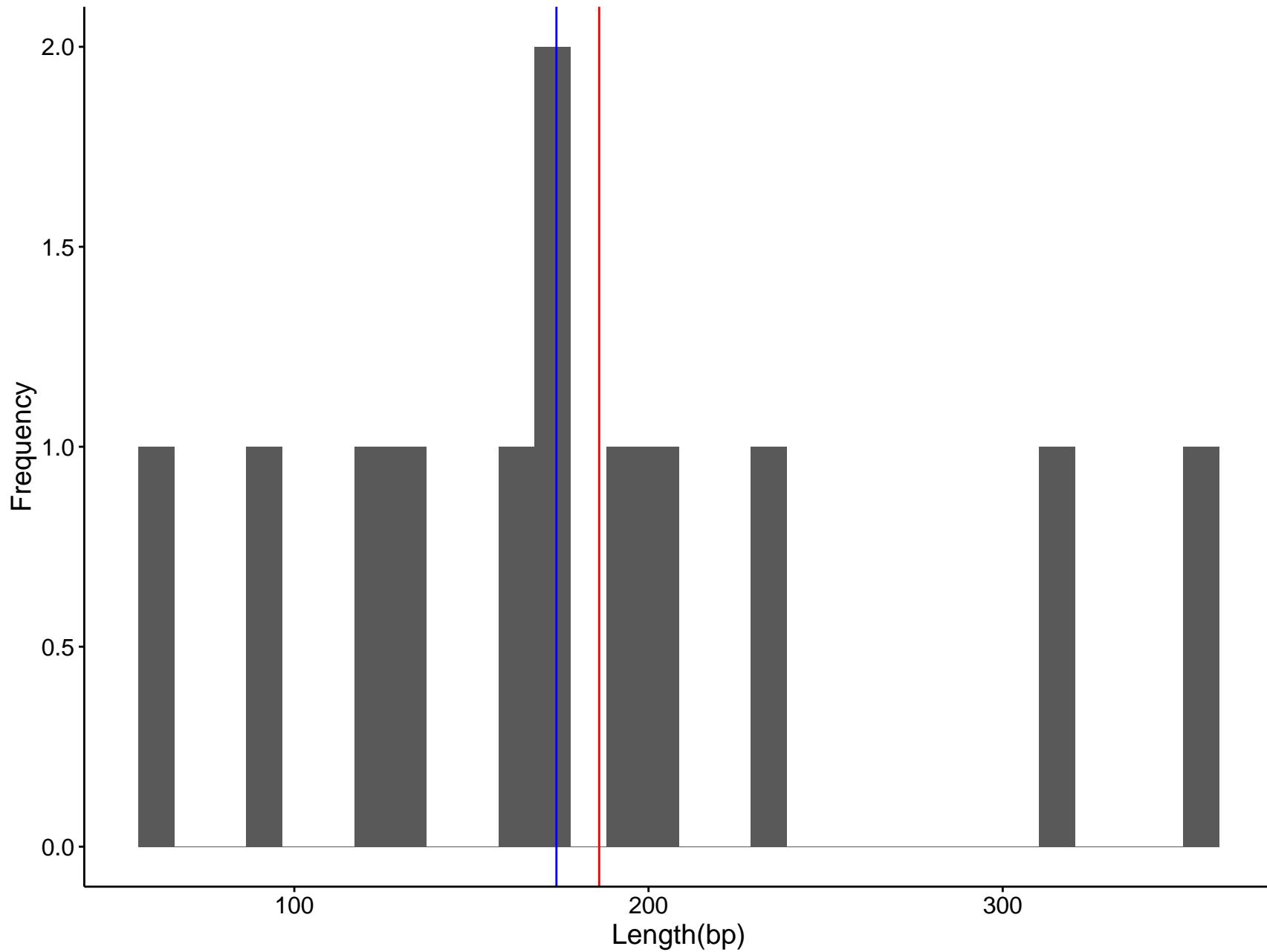
Cluster1428



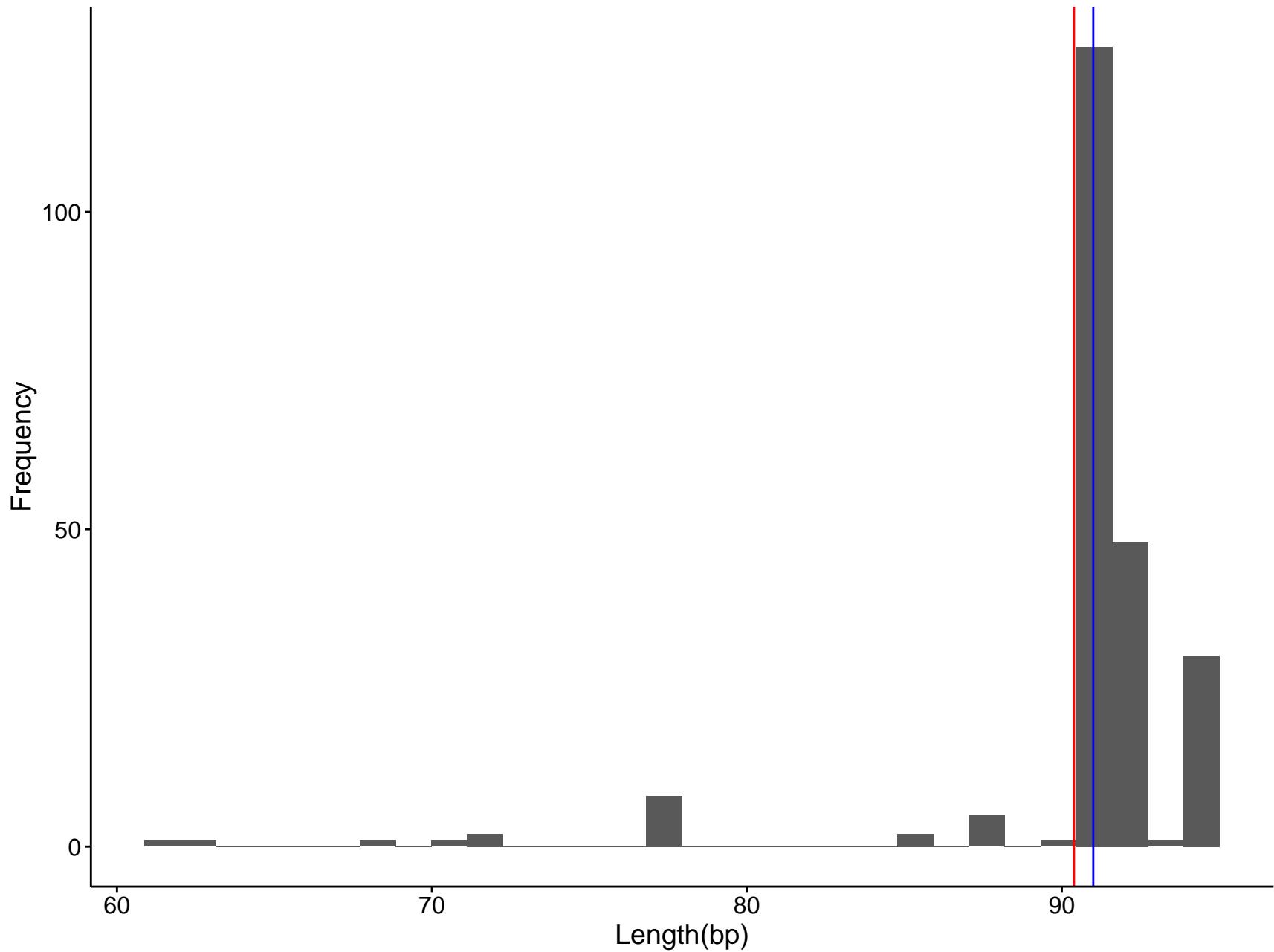
Cluster1429



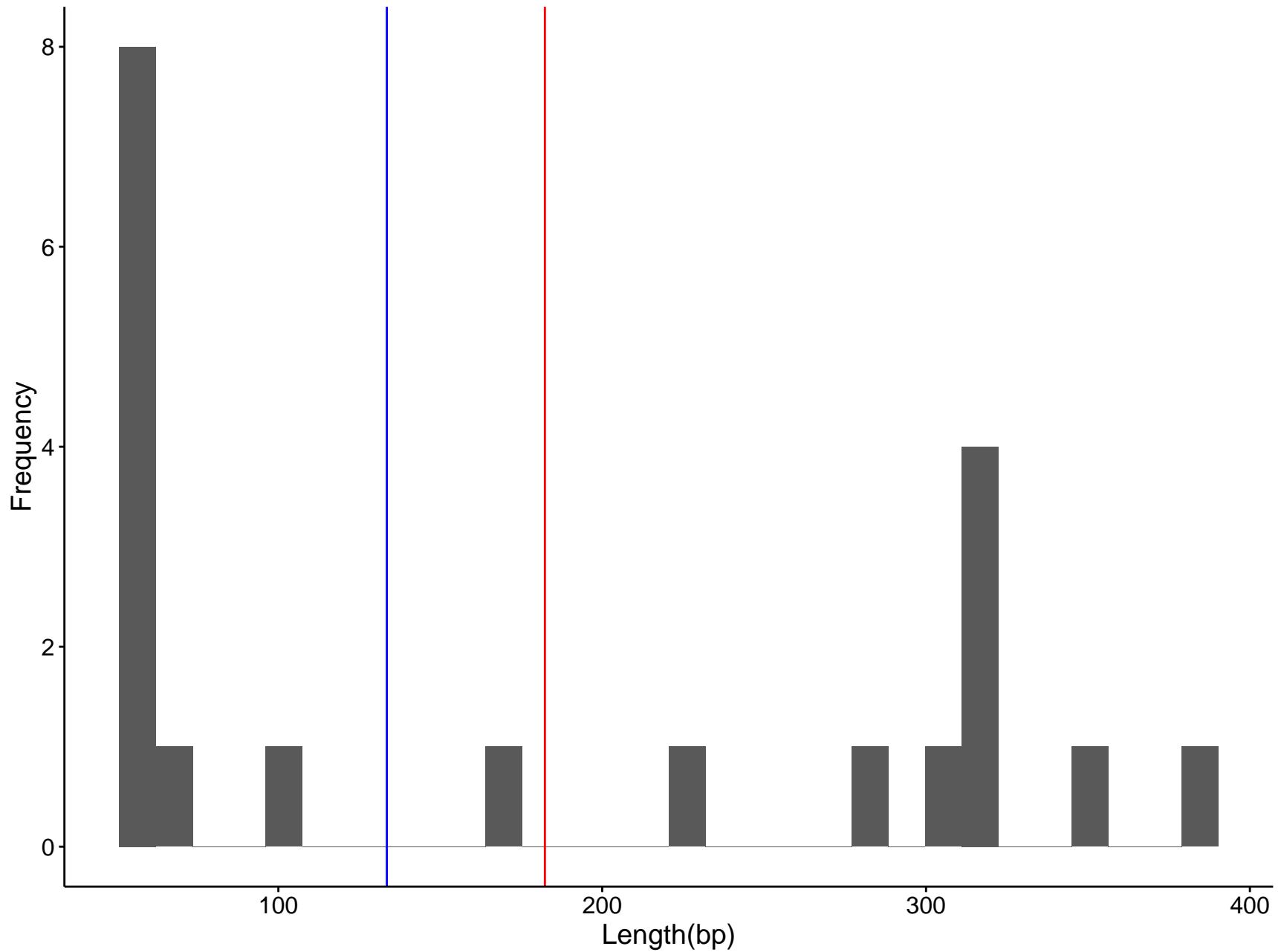
Cluster142



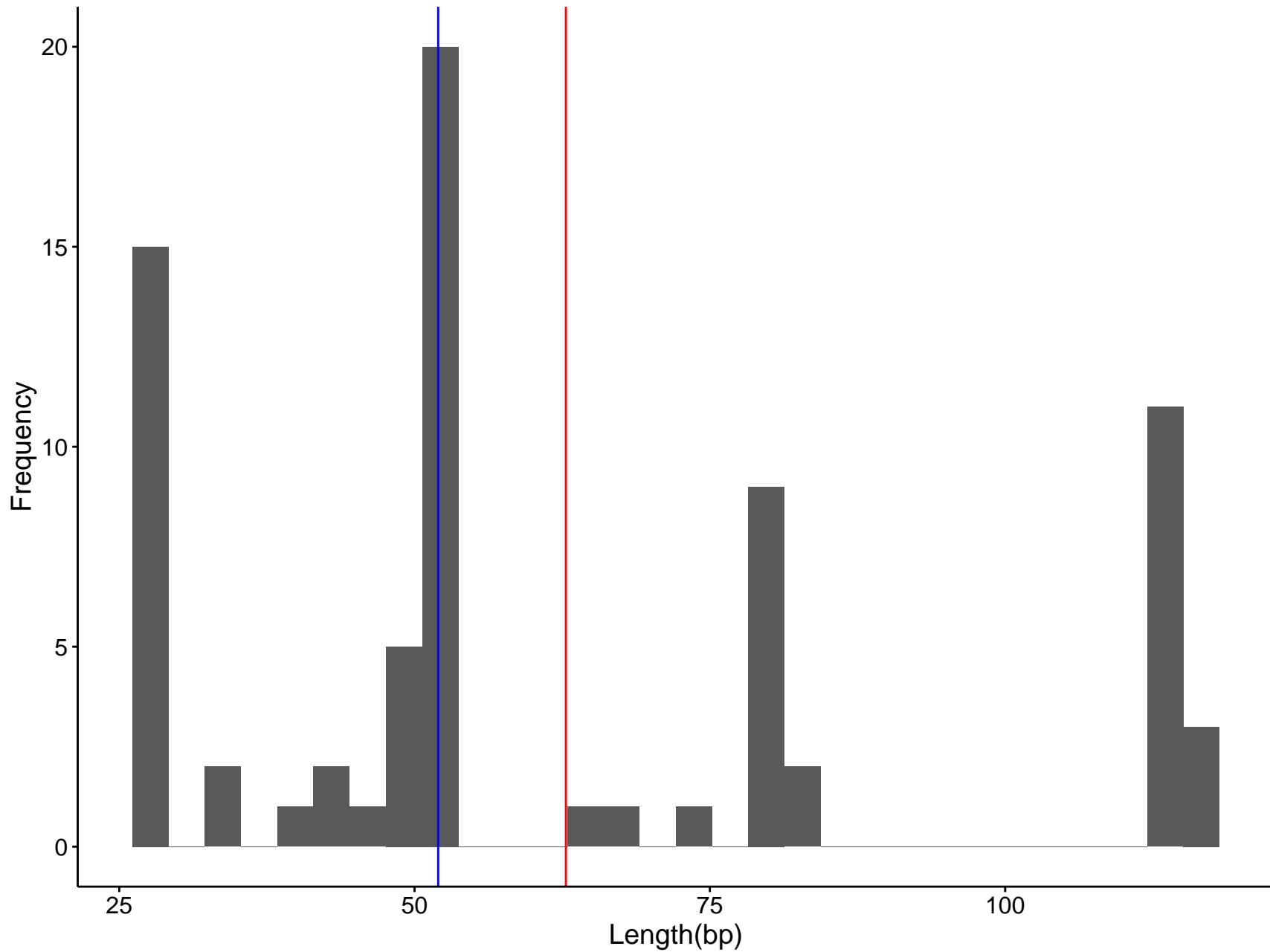
Cluster1431



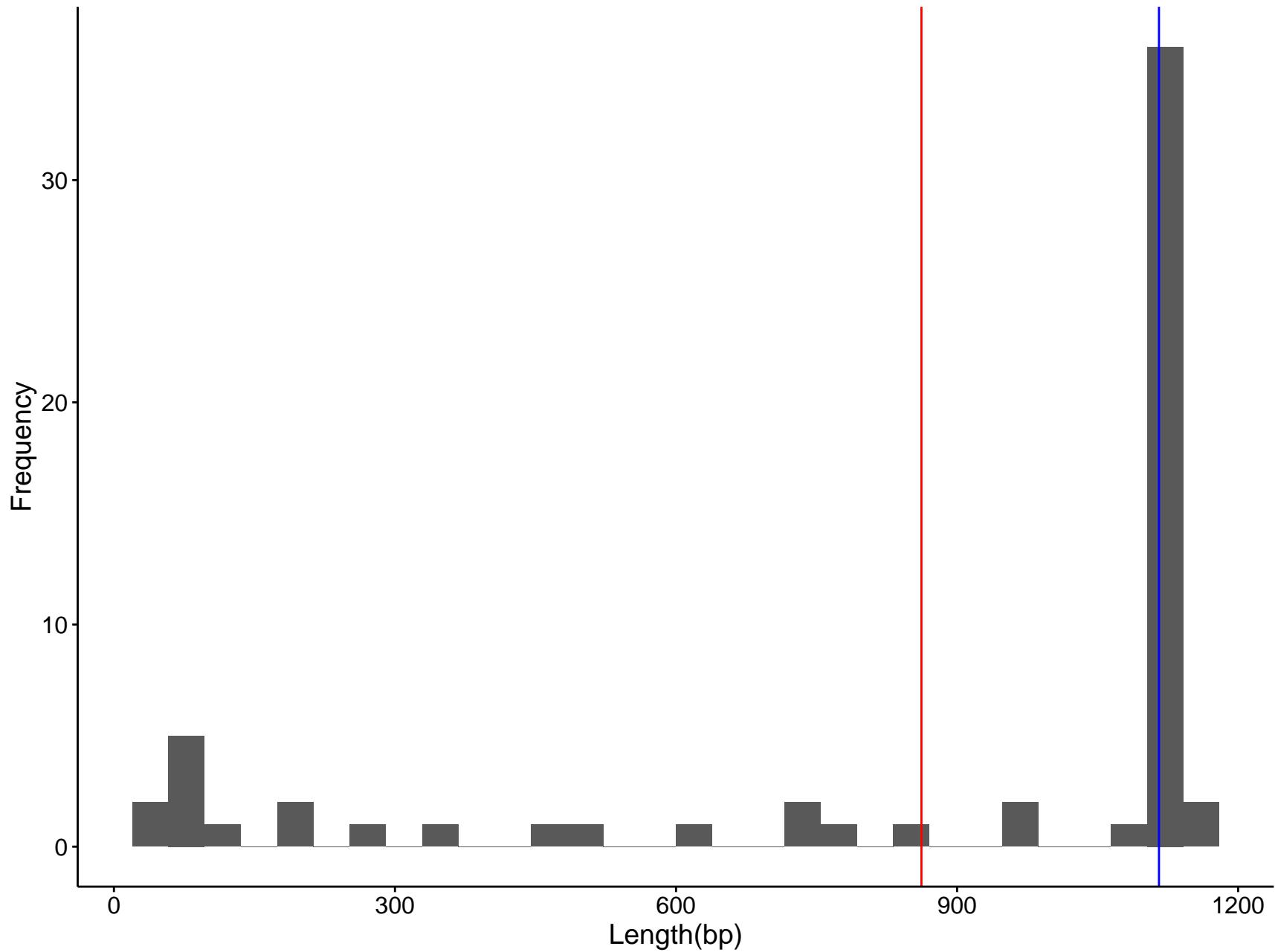
Cluster1433



Cluster1437



Cluster1438



Cluster143

Frequency

198.950

198.975

199.000

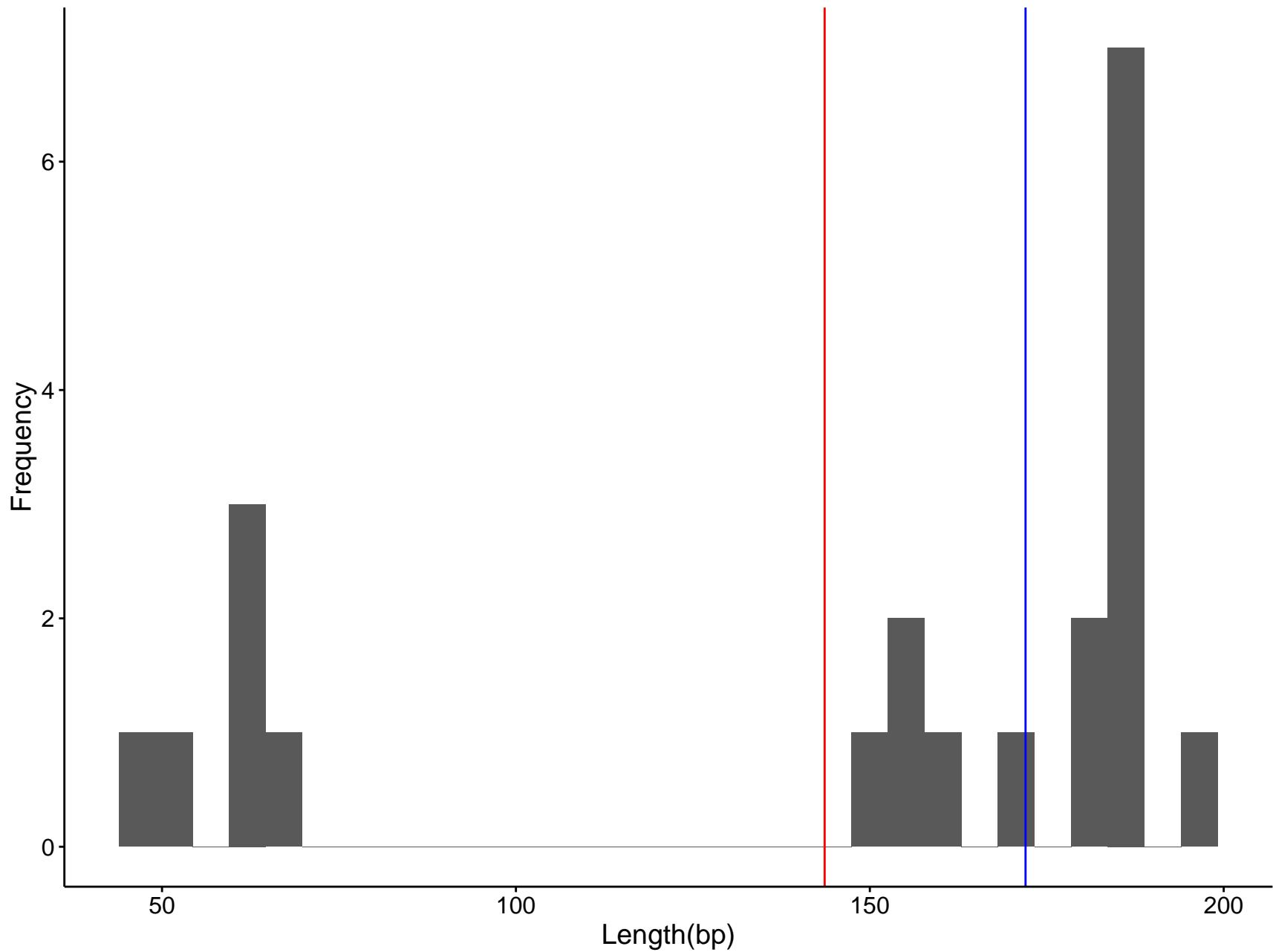
199.025

199.050

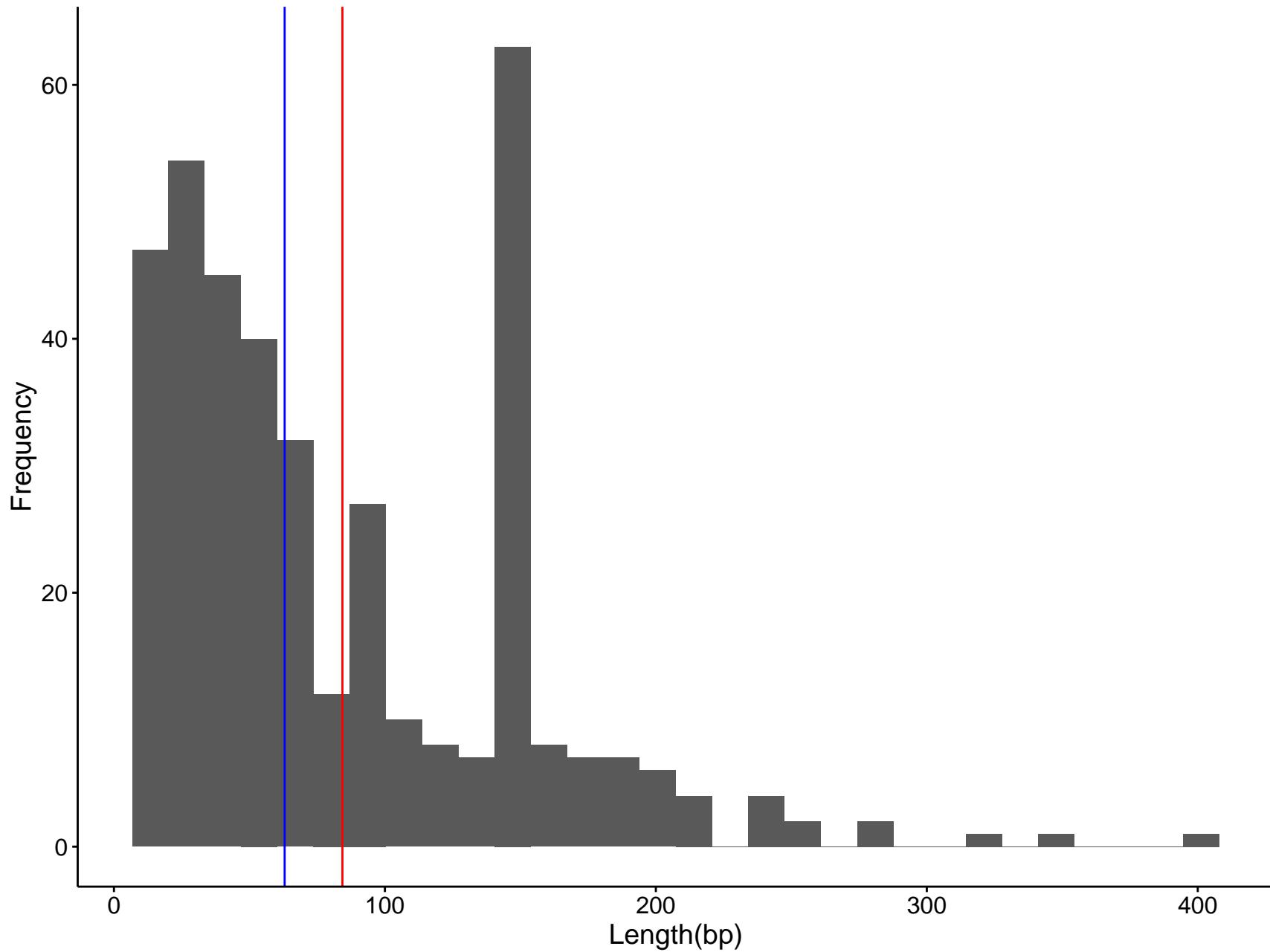
Length(bp)



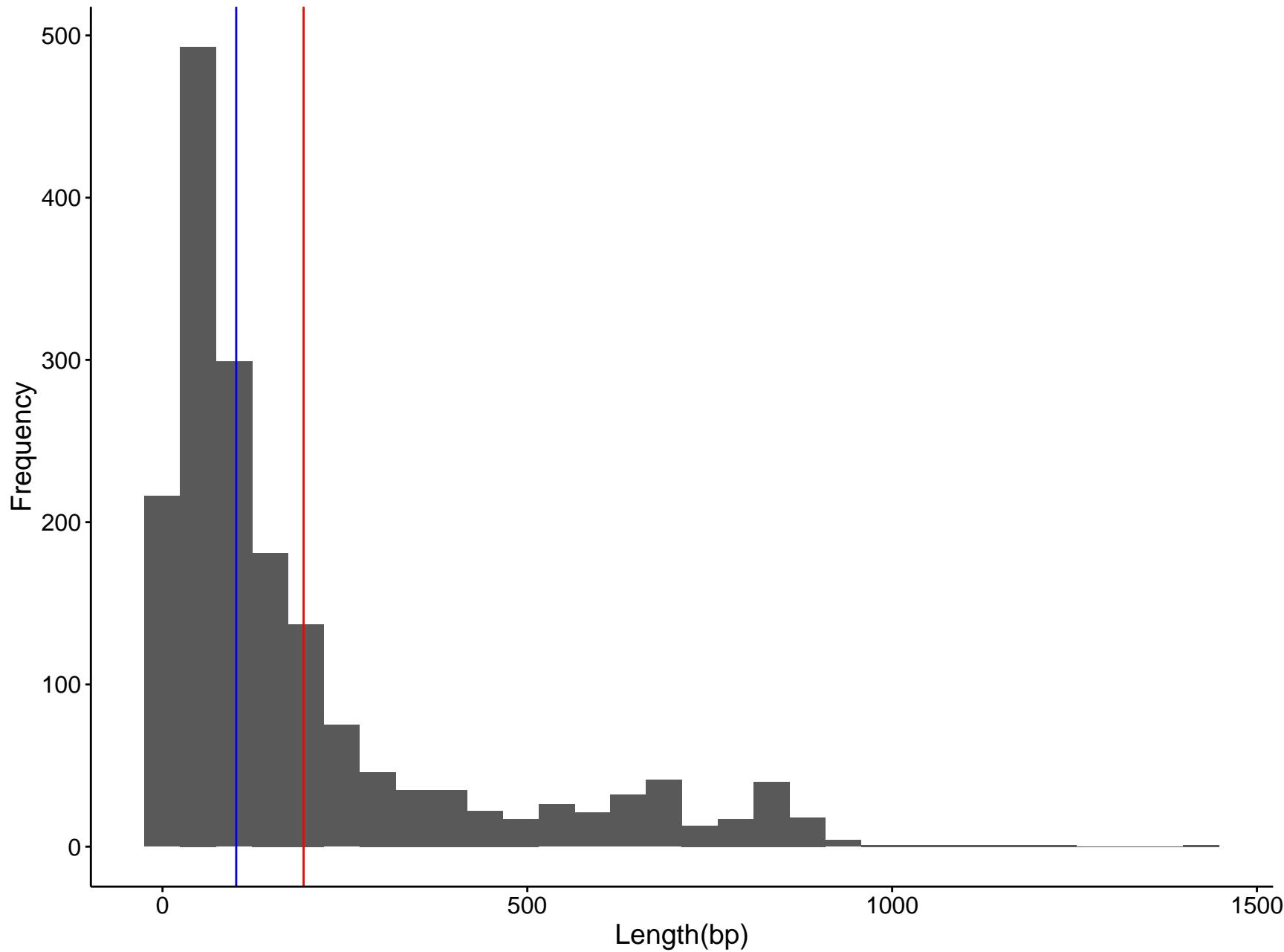
Cluster1441



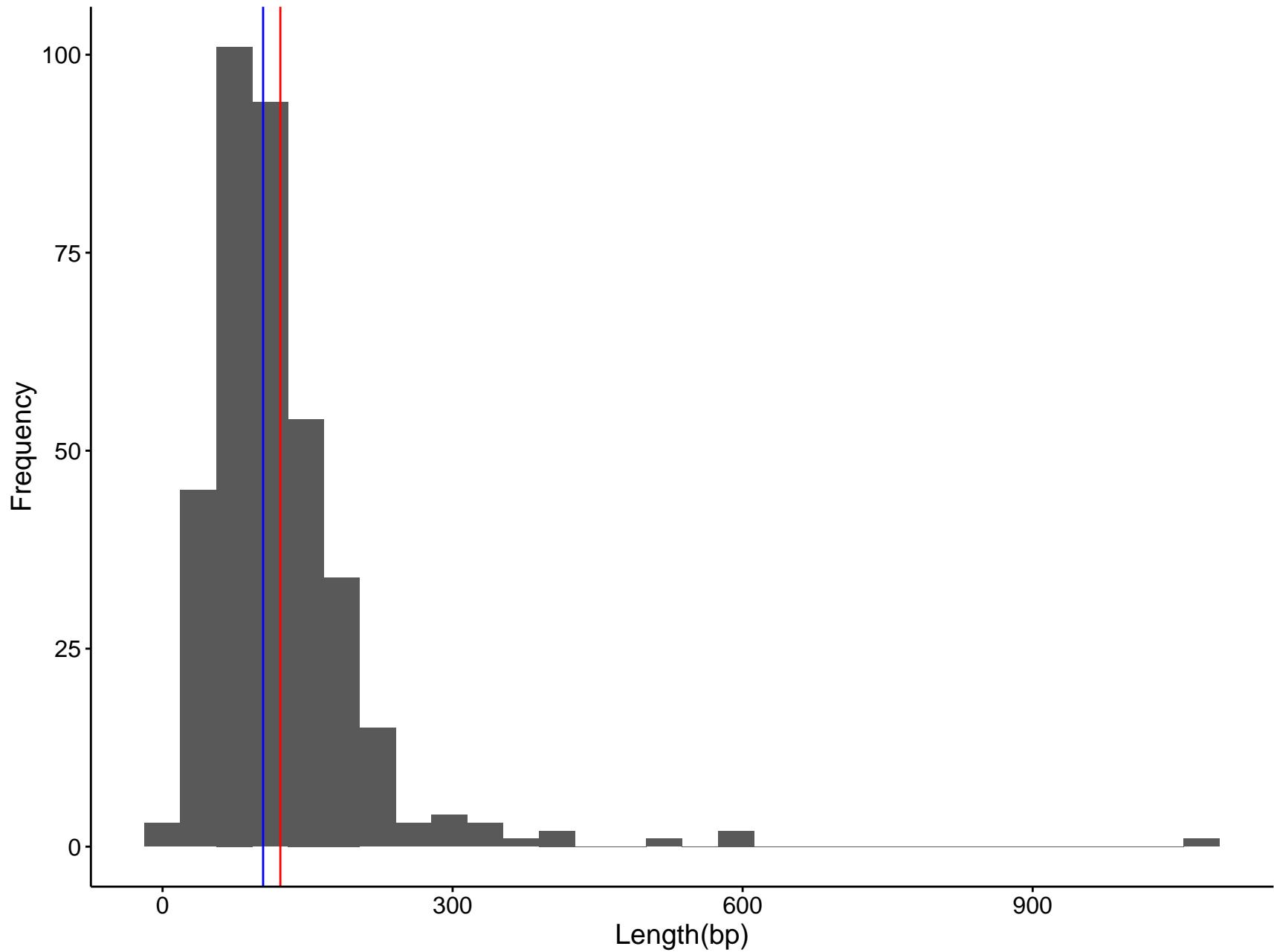
Cluster1442



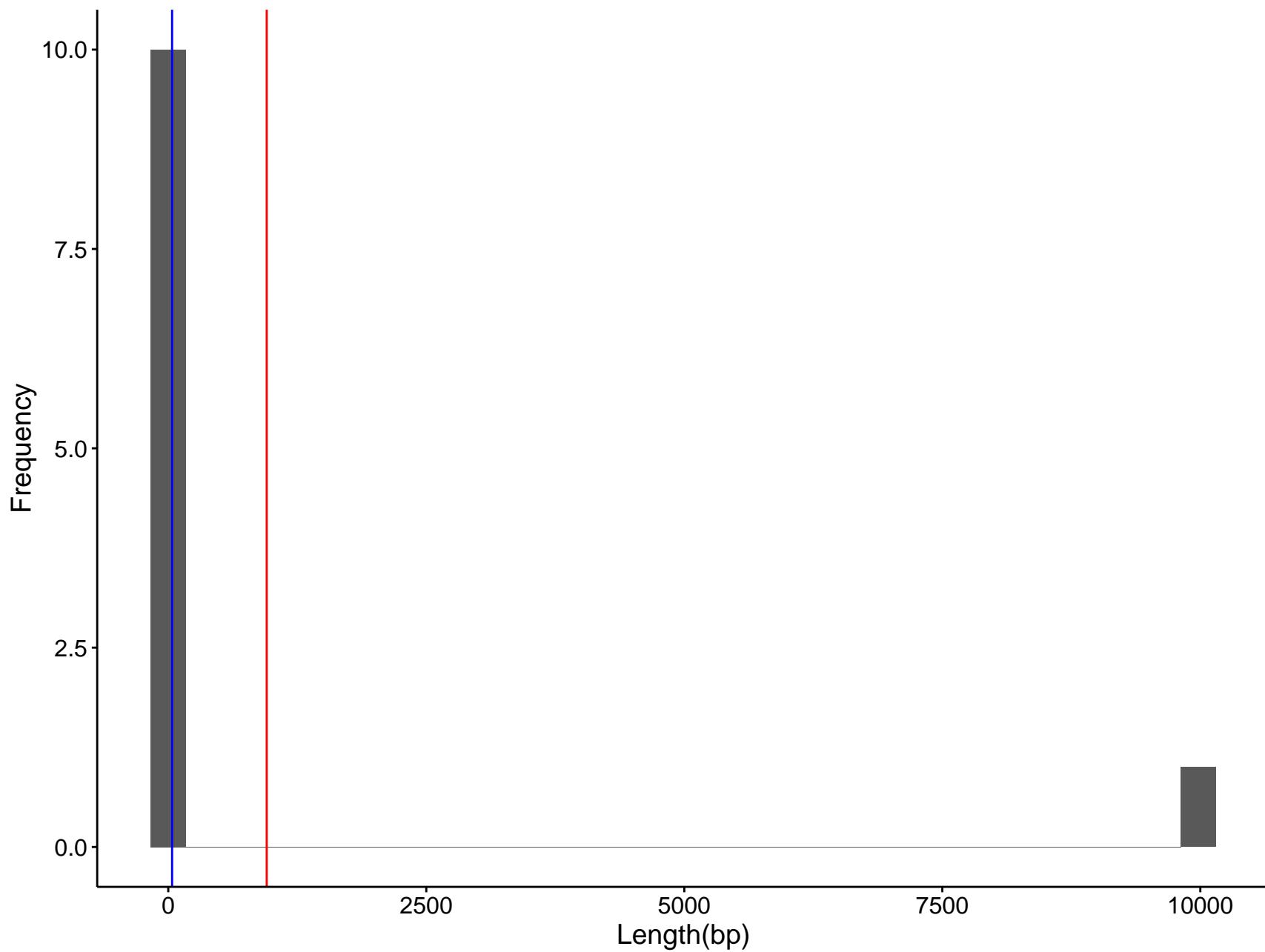
Cluster1443



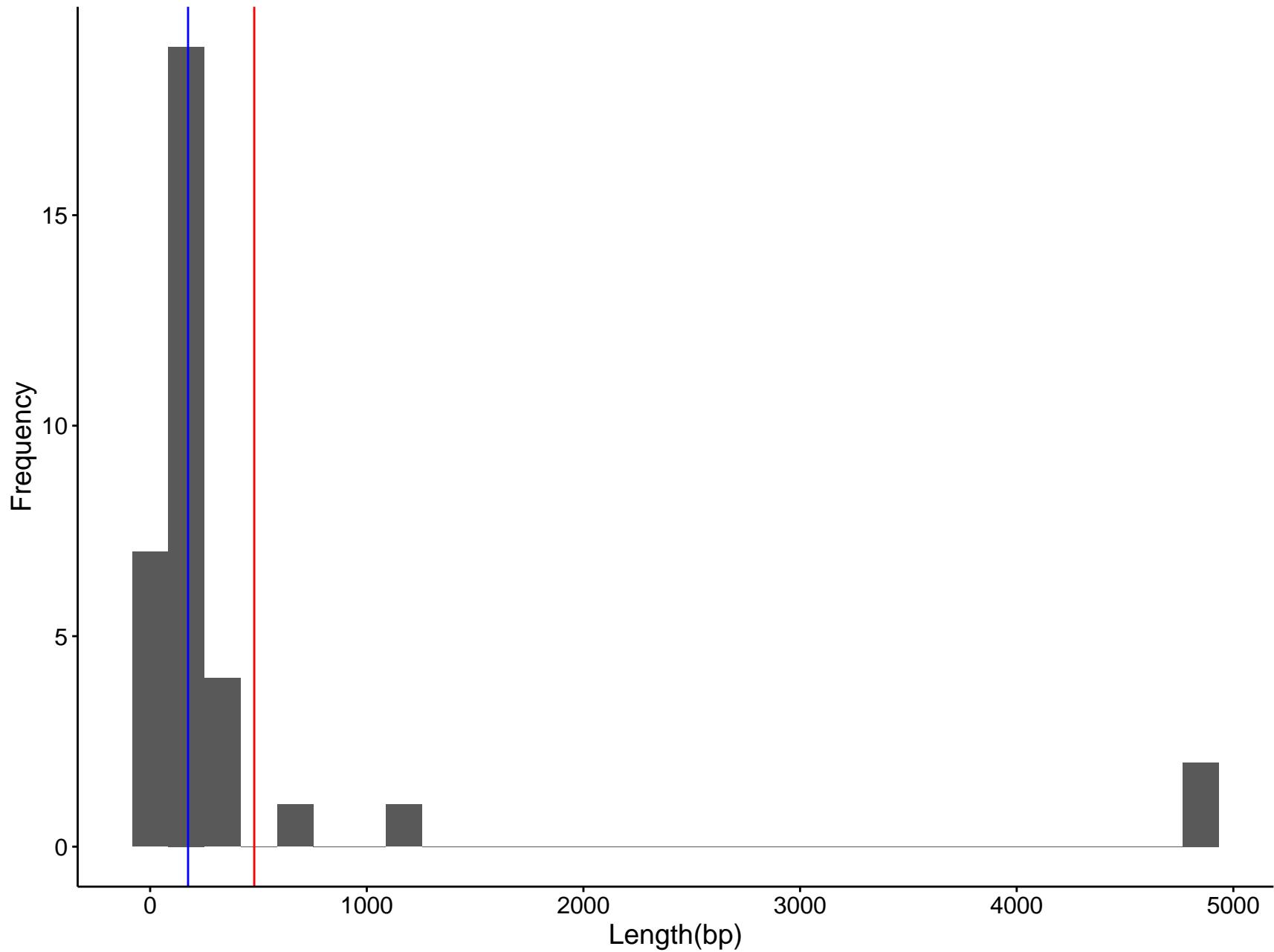
Cluster1444



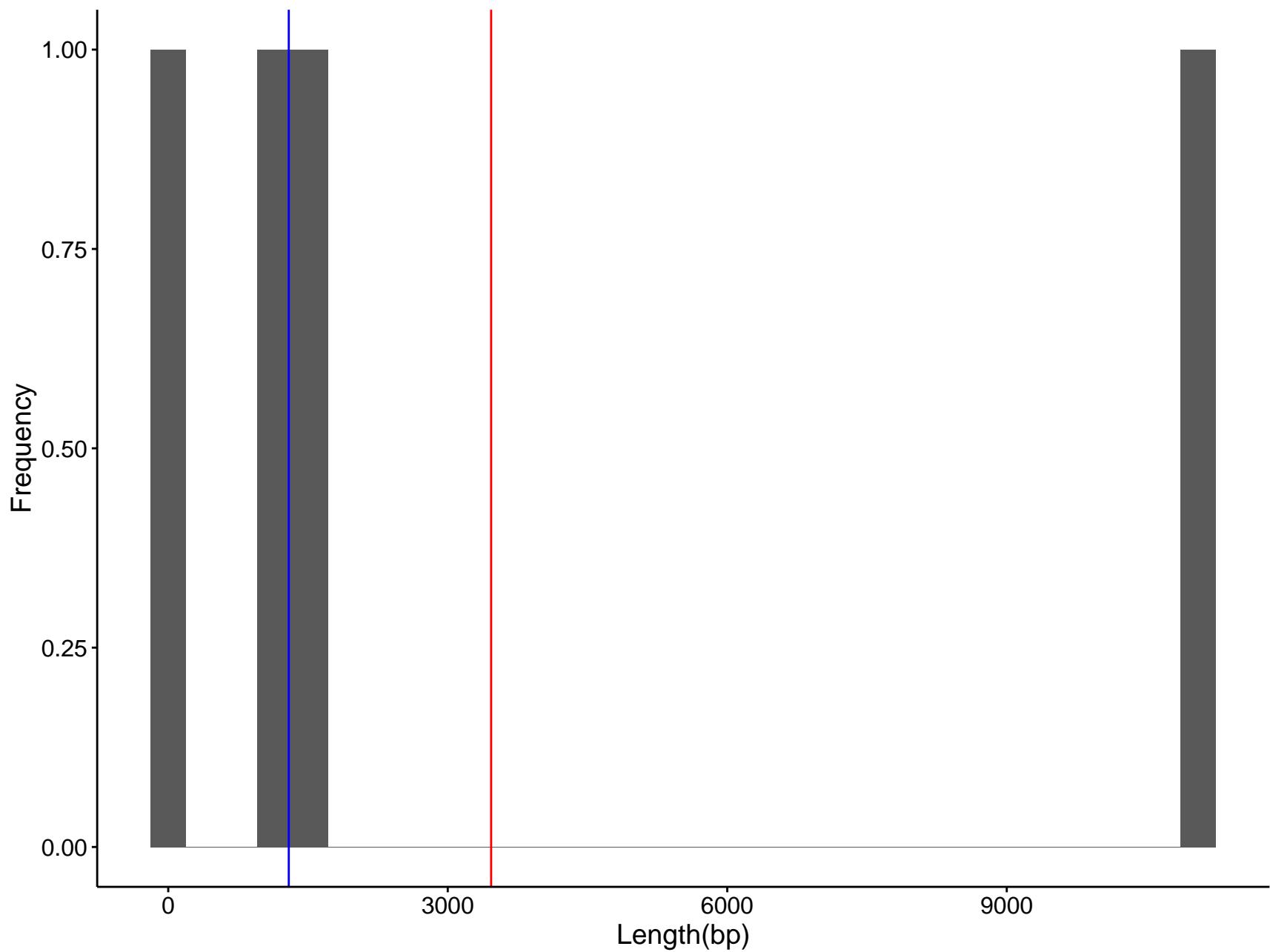
Cluster1445



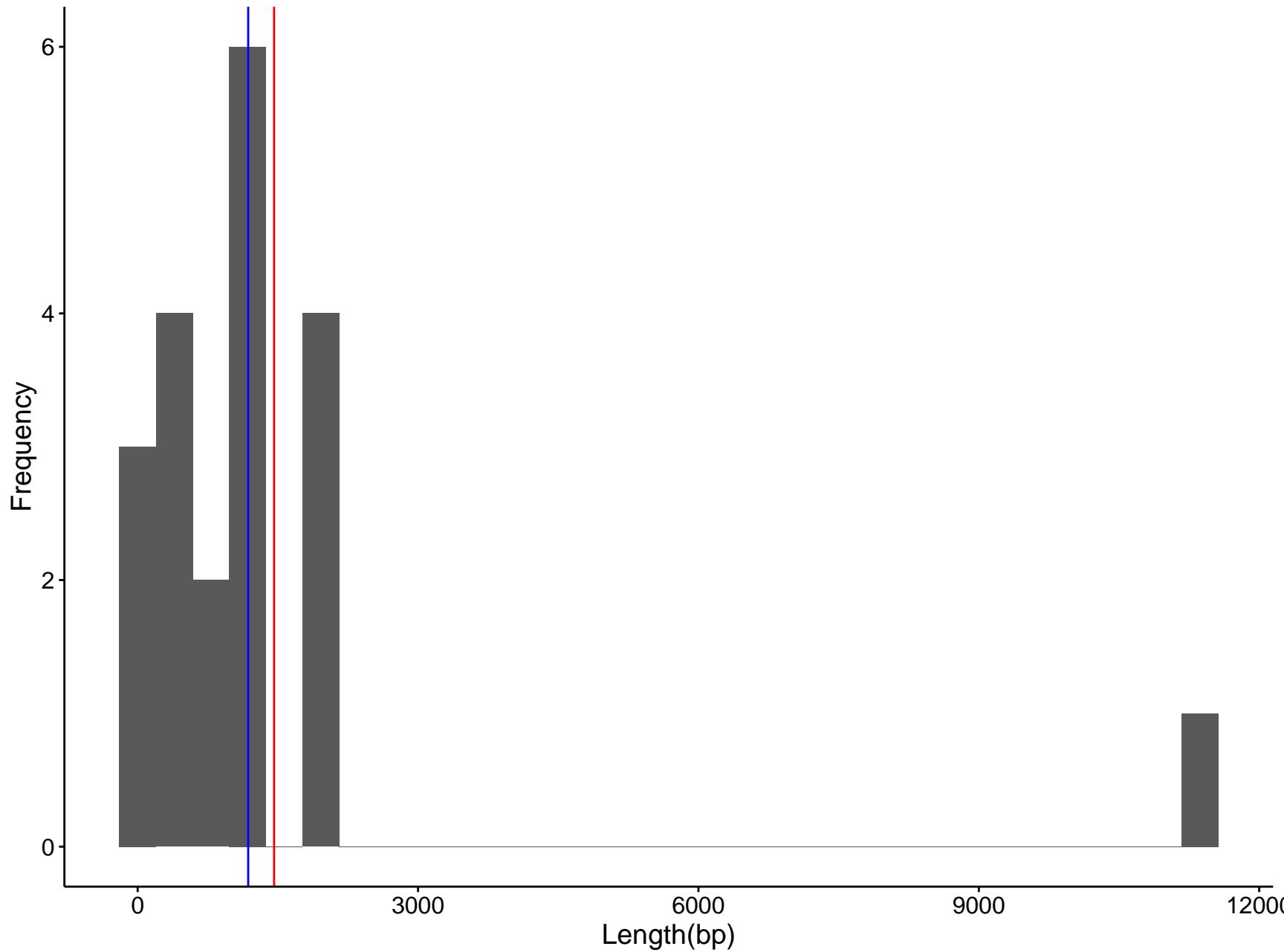
Cluster1446



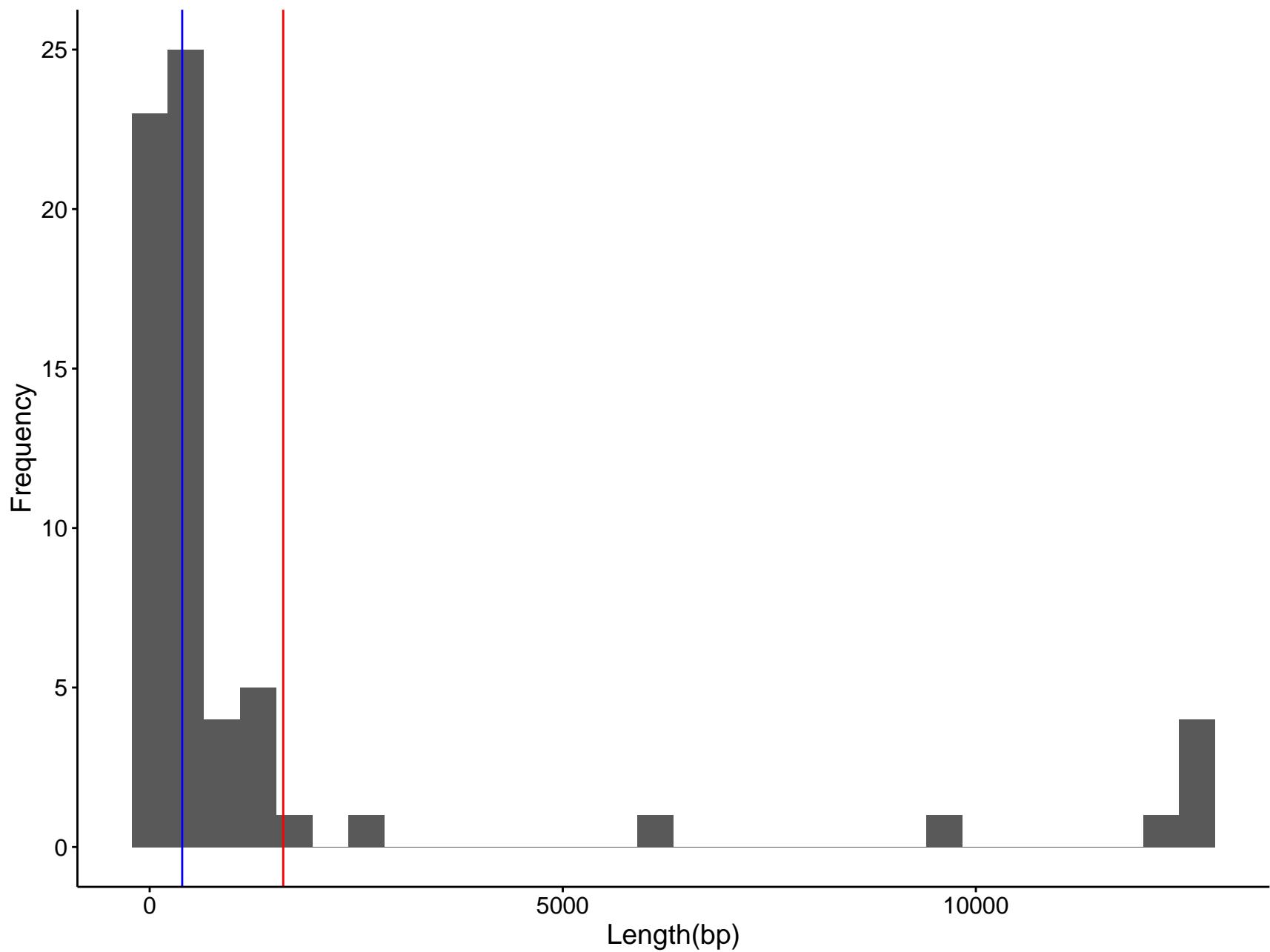
Cluster1447



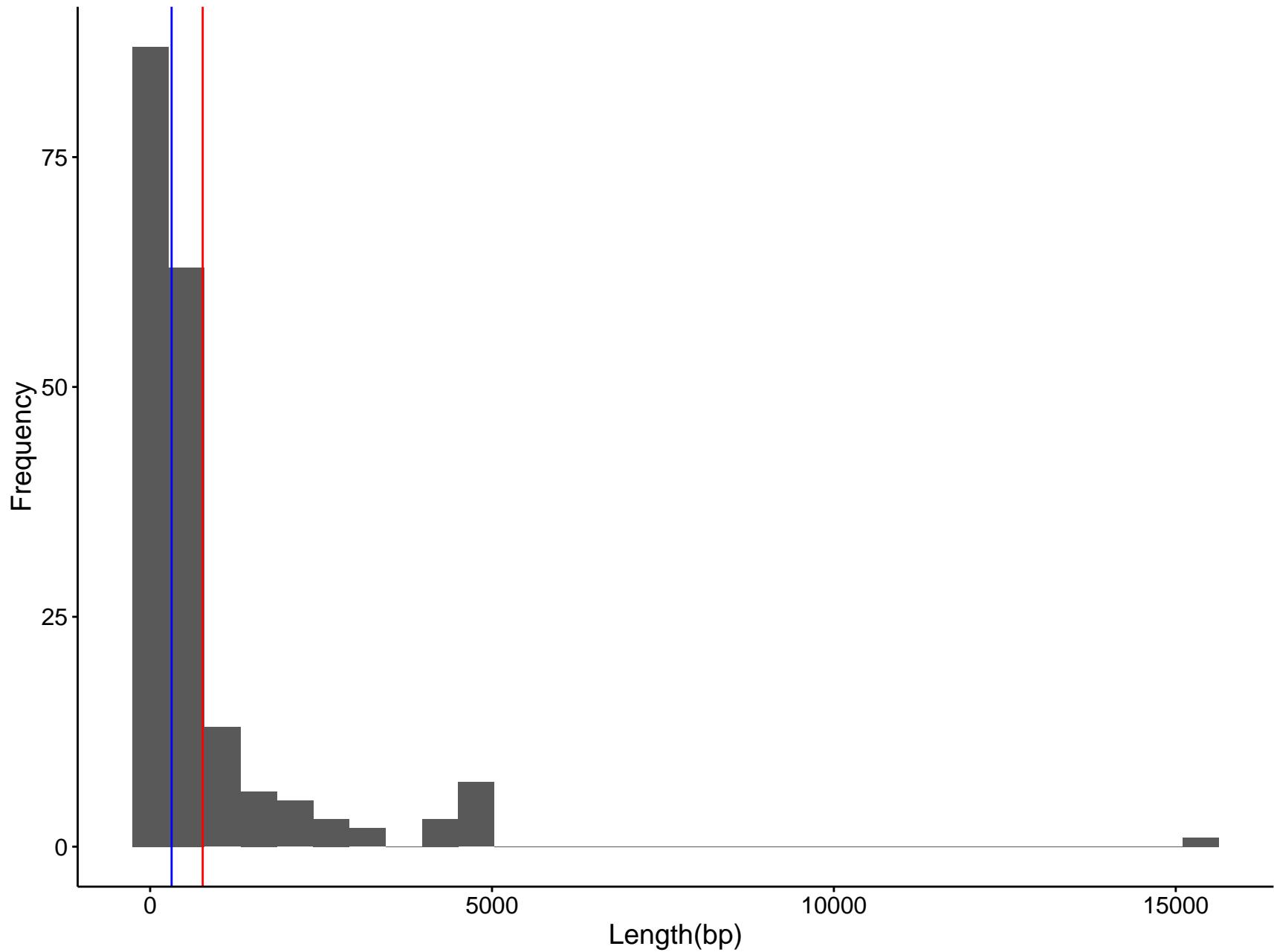
Cluster1448



Cluster1449



Cluster1450



Cluster1452

Frequency

309.950

309.975

310.000

310.025

Length(bp)



Cluster1456

Frequency

2202.950

2202.975

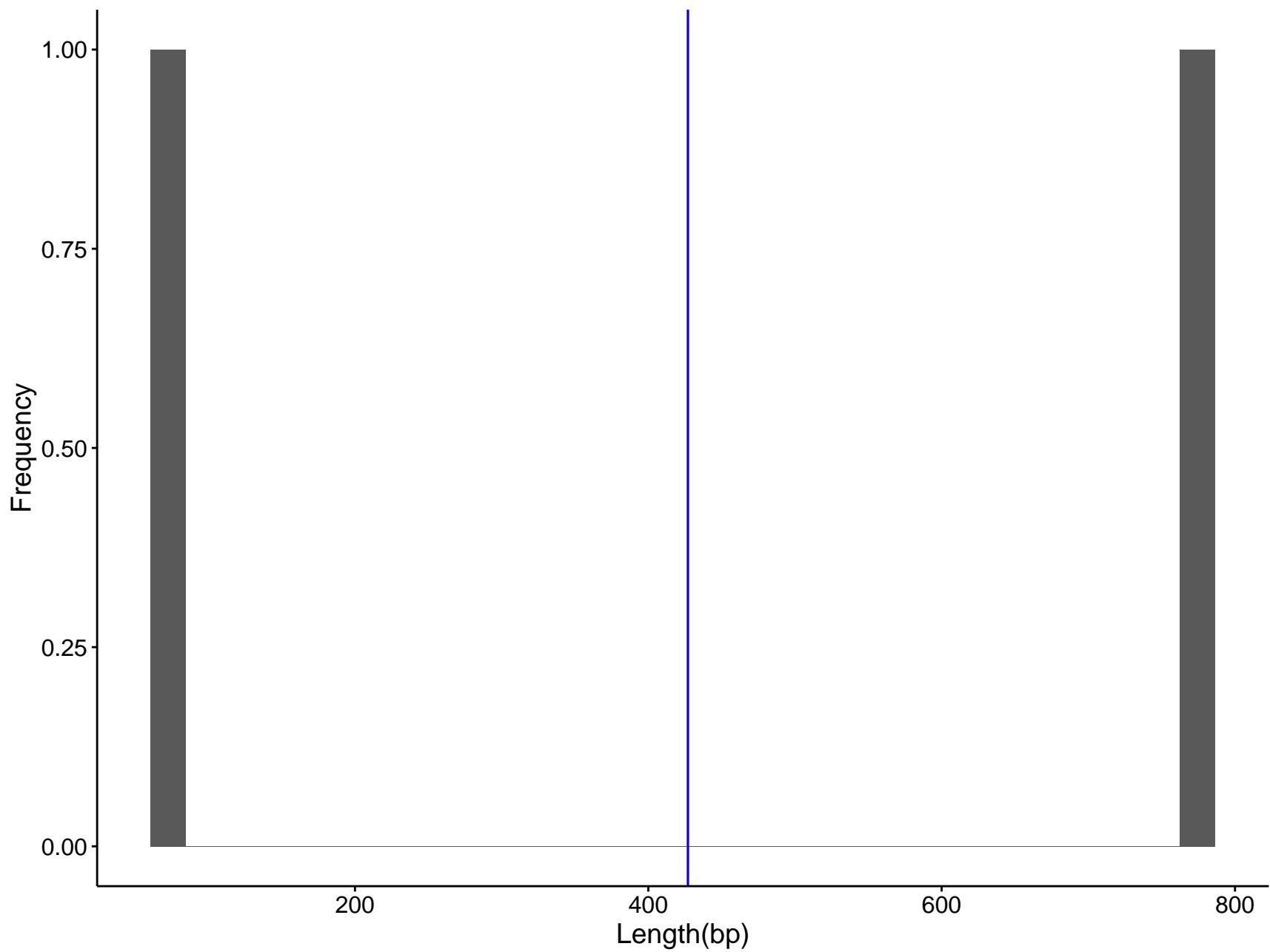
2203.000
Length(bp)

2203.025

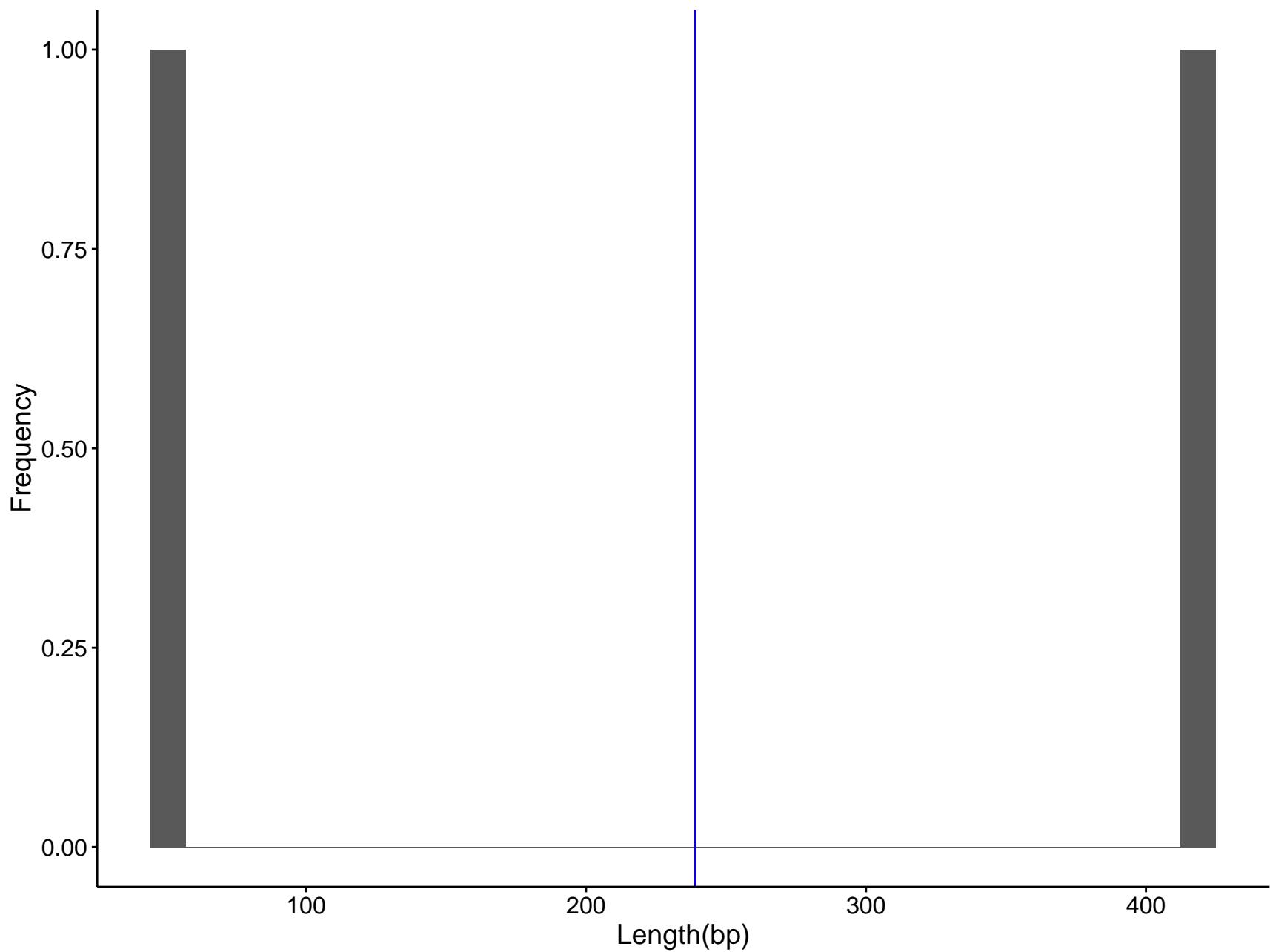
2203.



Cluster1458



Cluster1459



Cluster1460

Frequency

351.950

351.975

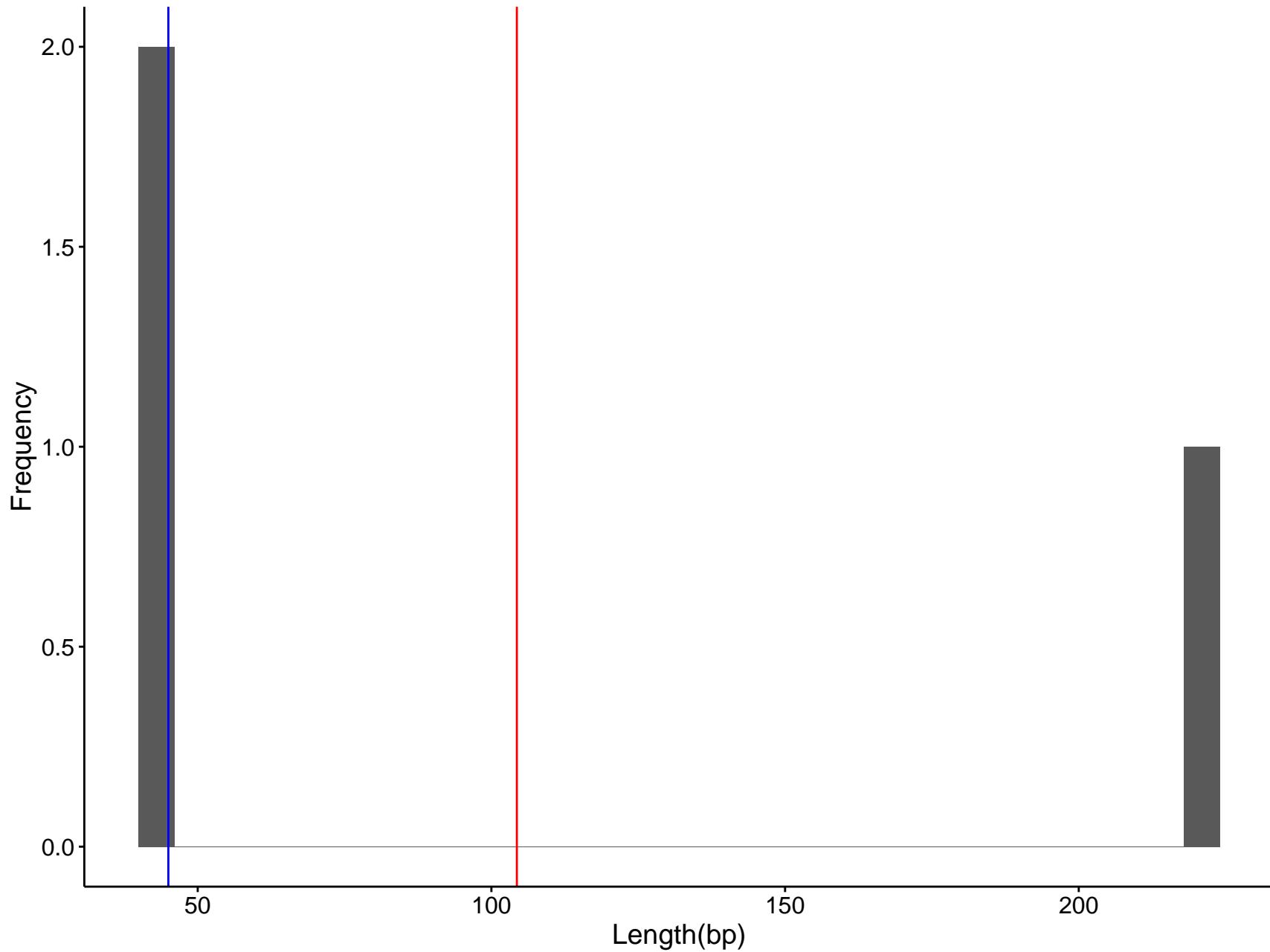
352.000

352.025

Length(bp)



Cluster1461



Cluster1464

Frequency

1486.950

1486.975

1487.000
Length(bp)

1487.025

1487.



Cluster1466

Frequency

91.950

91.975

92.000

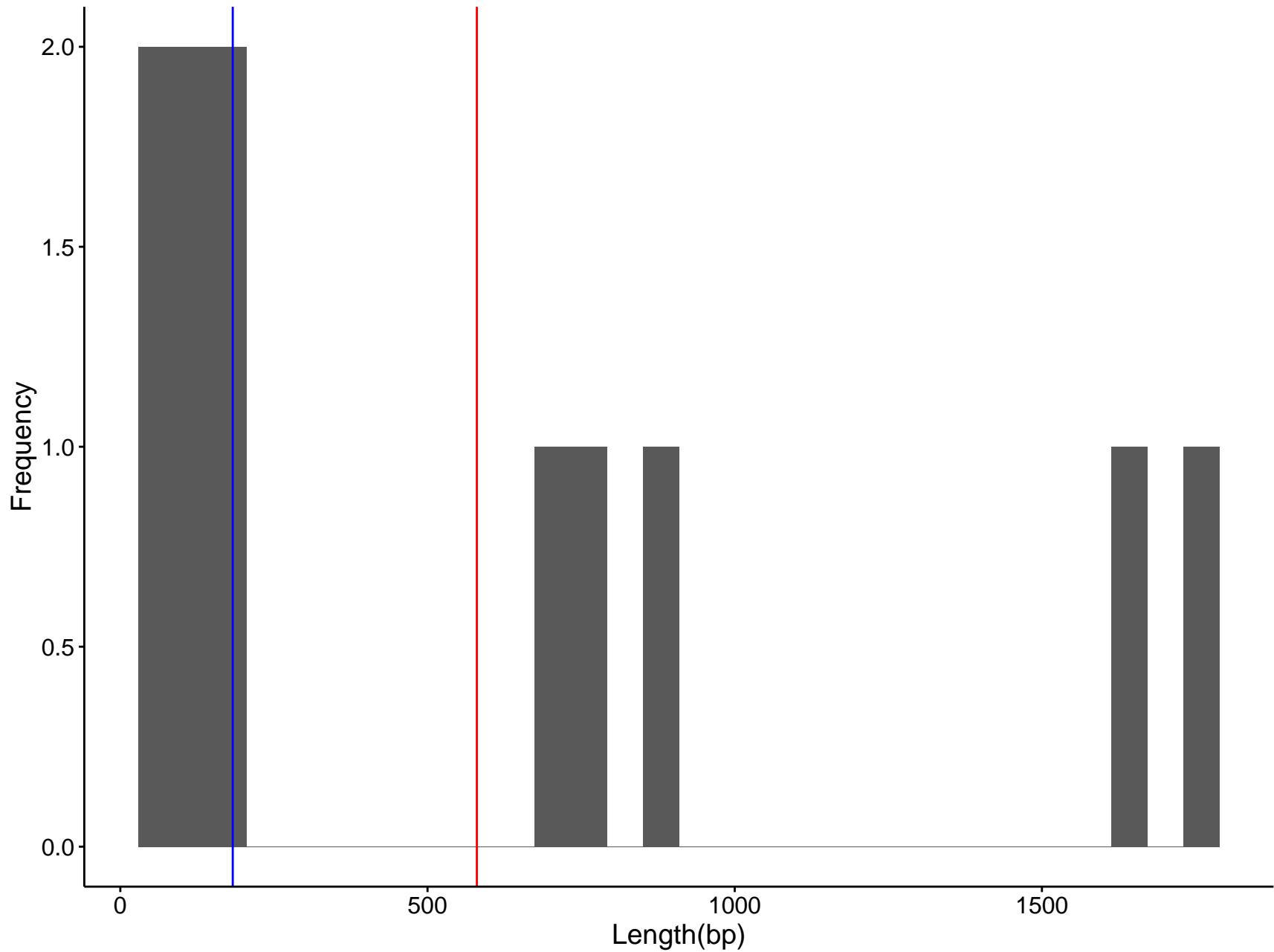
92.025

92.0

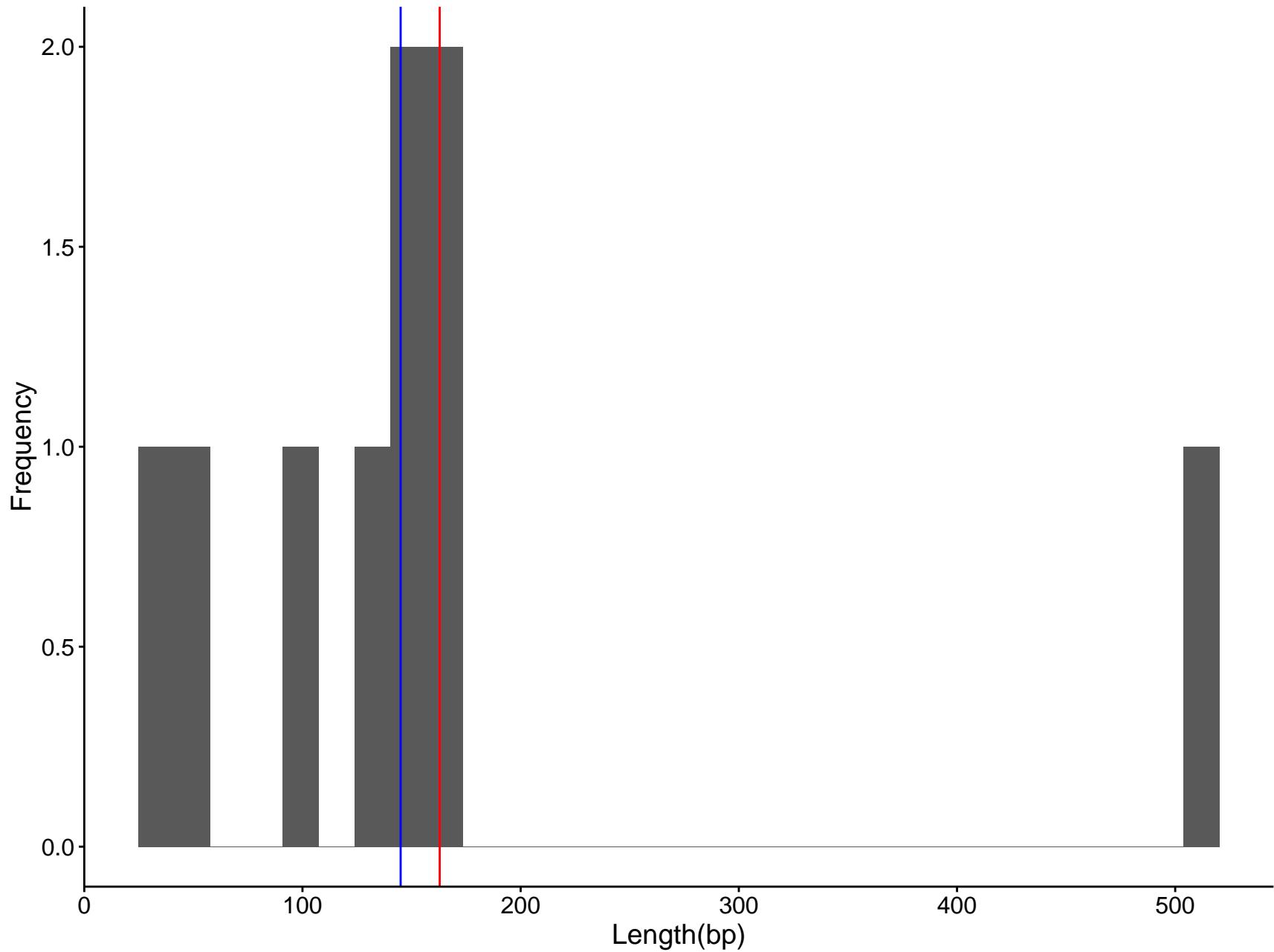
Length(bp)



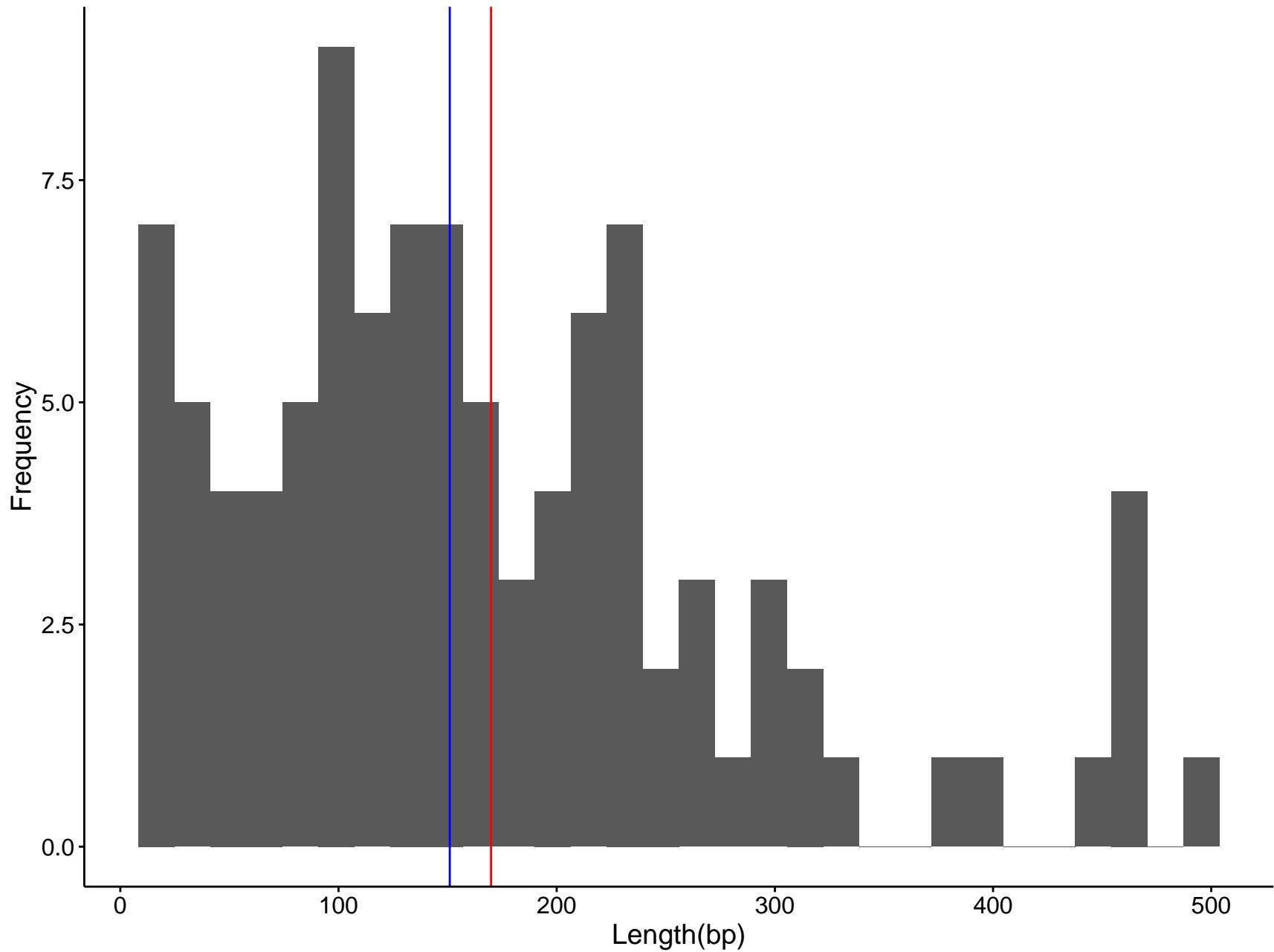
Cluster1474



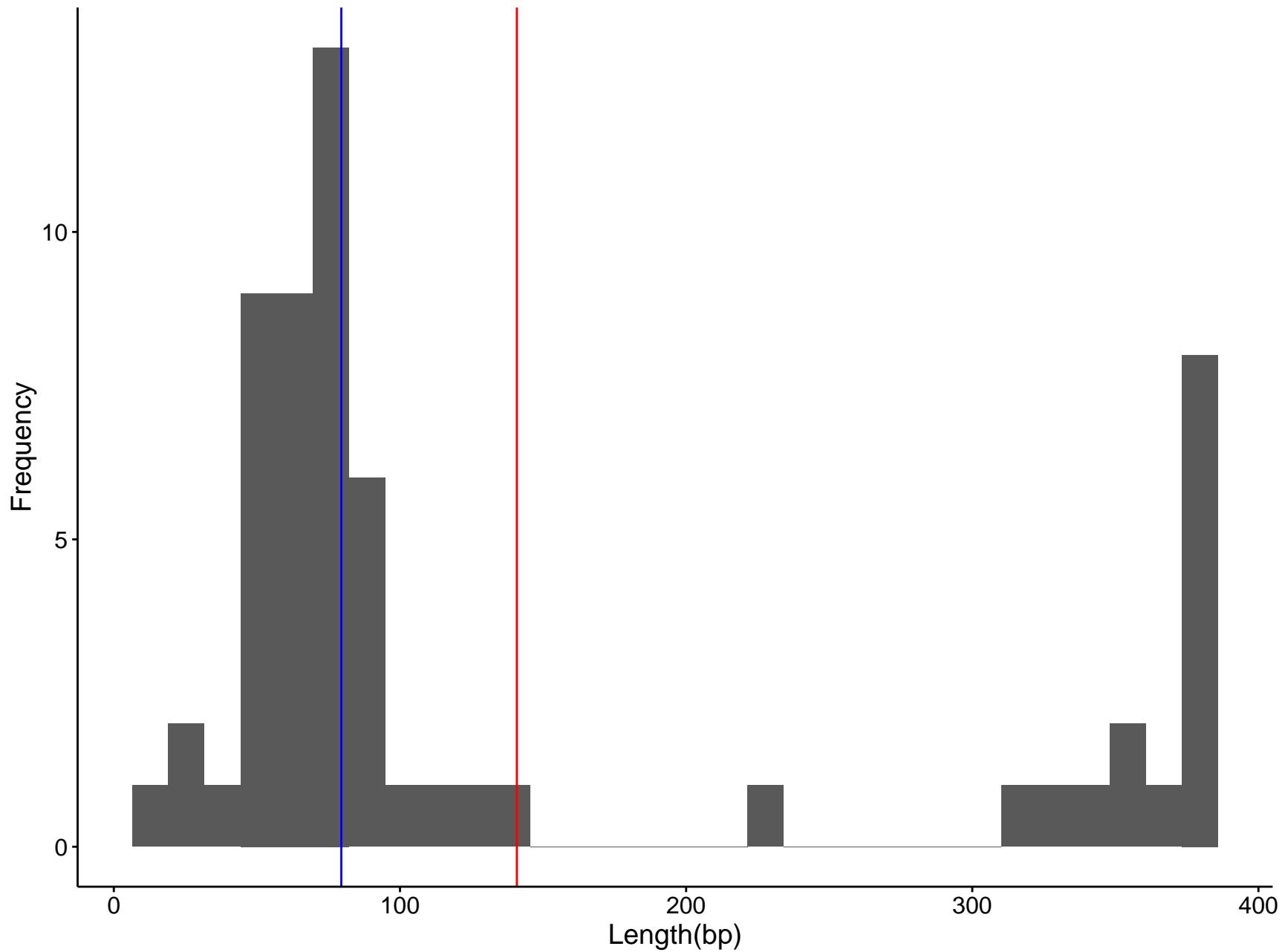
Cluster1475



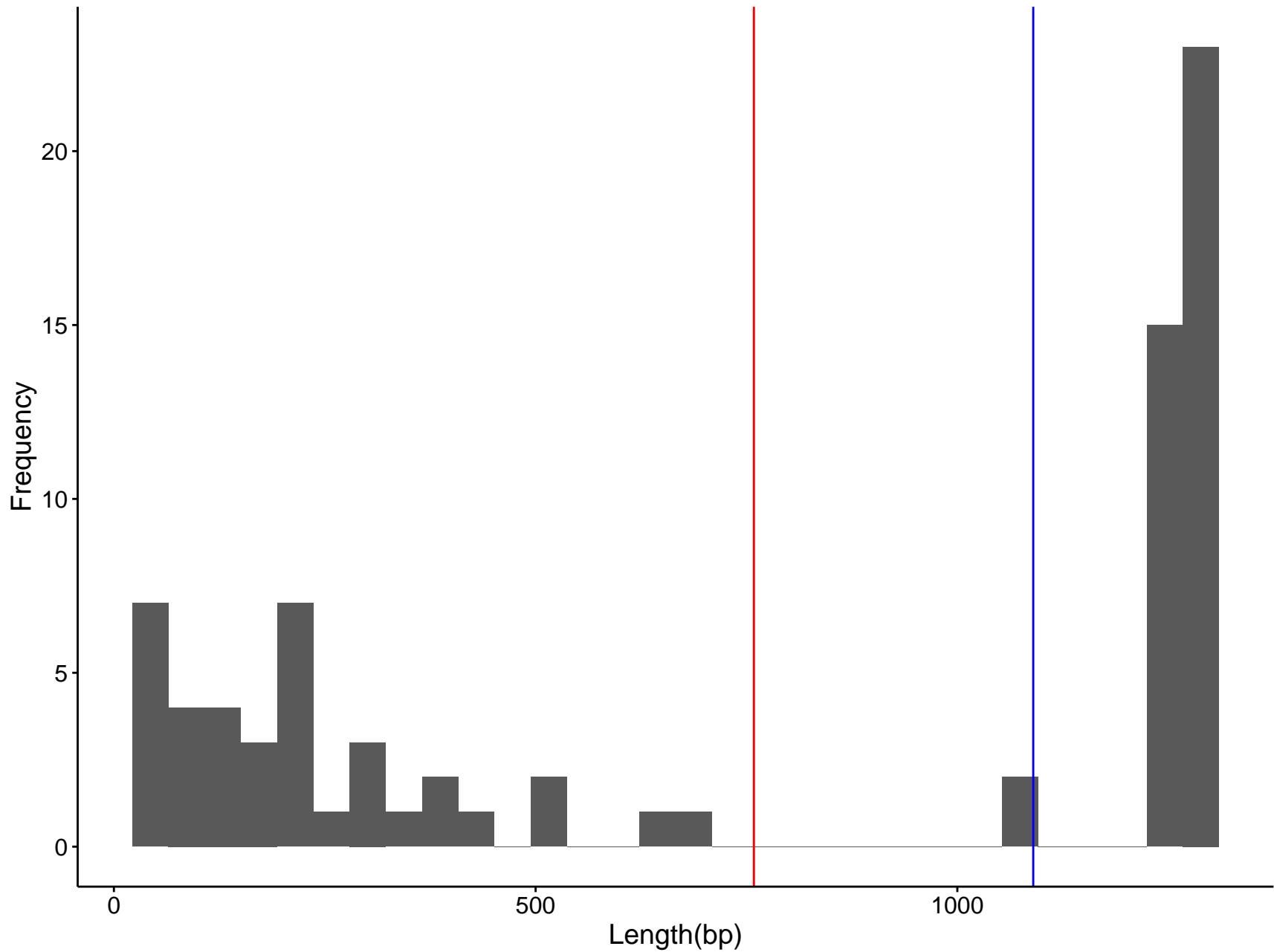
Cluster1476



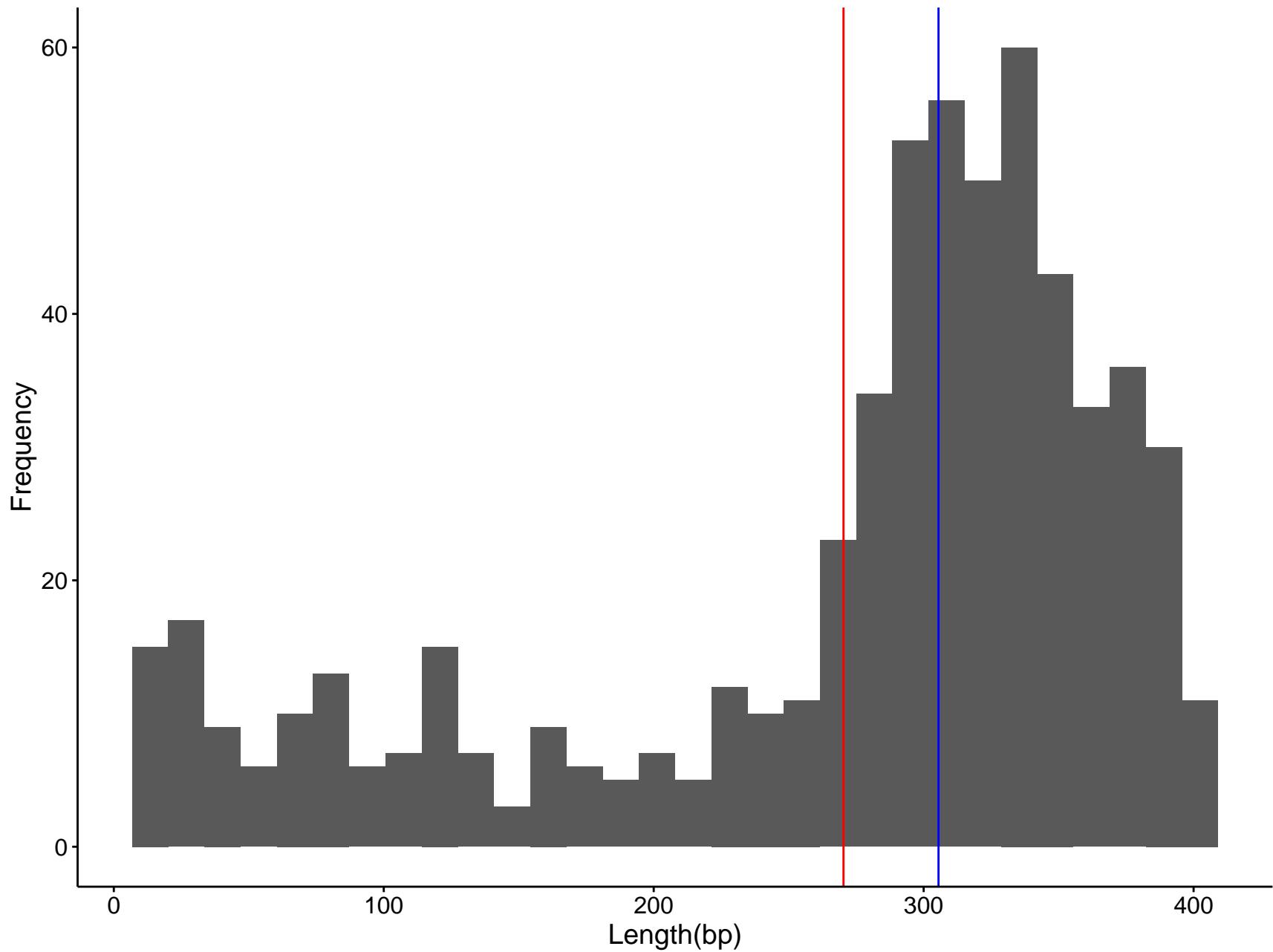
Cluster1477



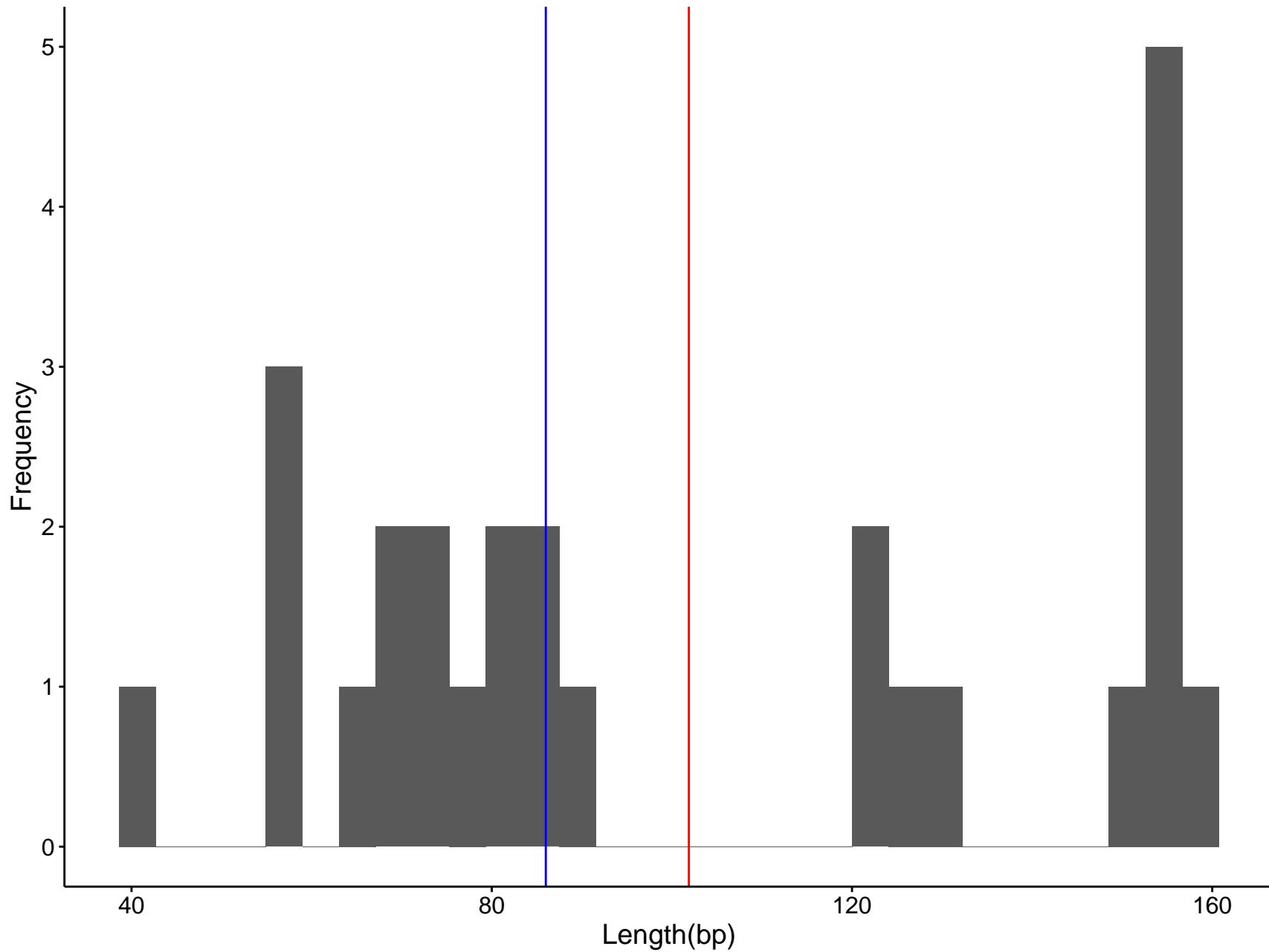
Cluster1478



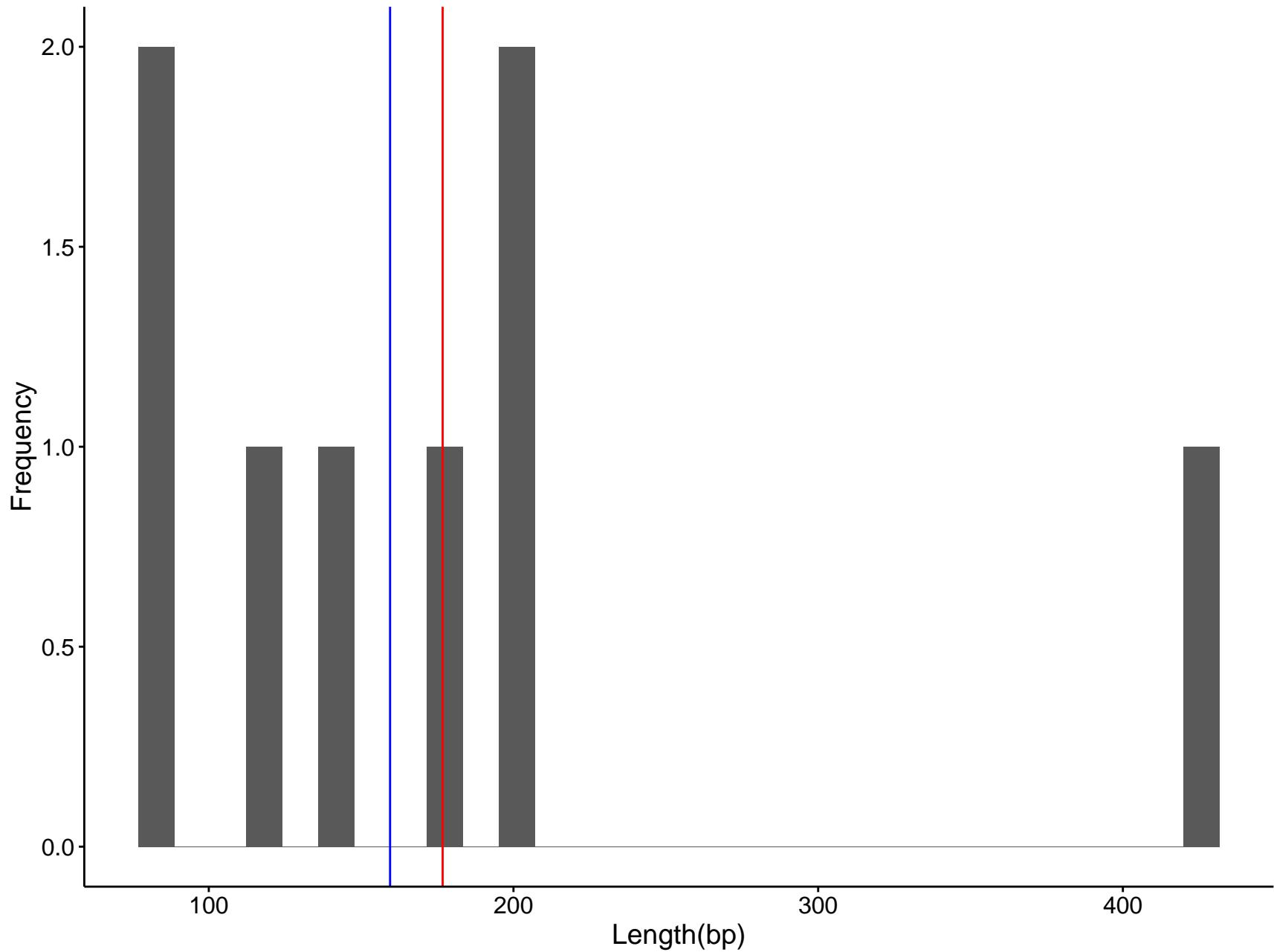
Cluster1479



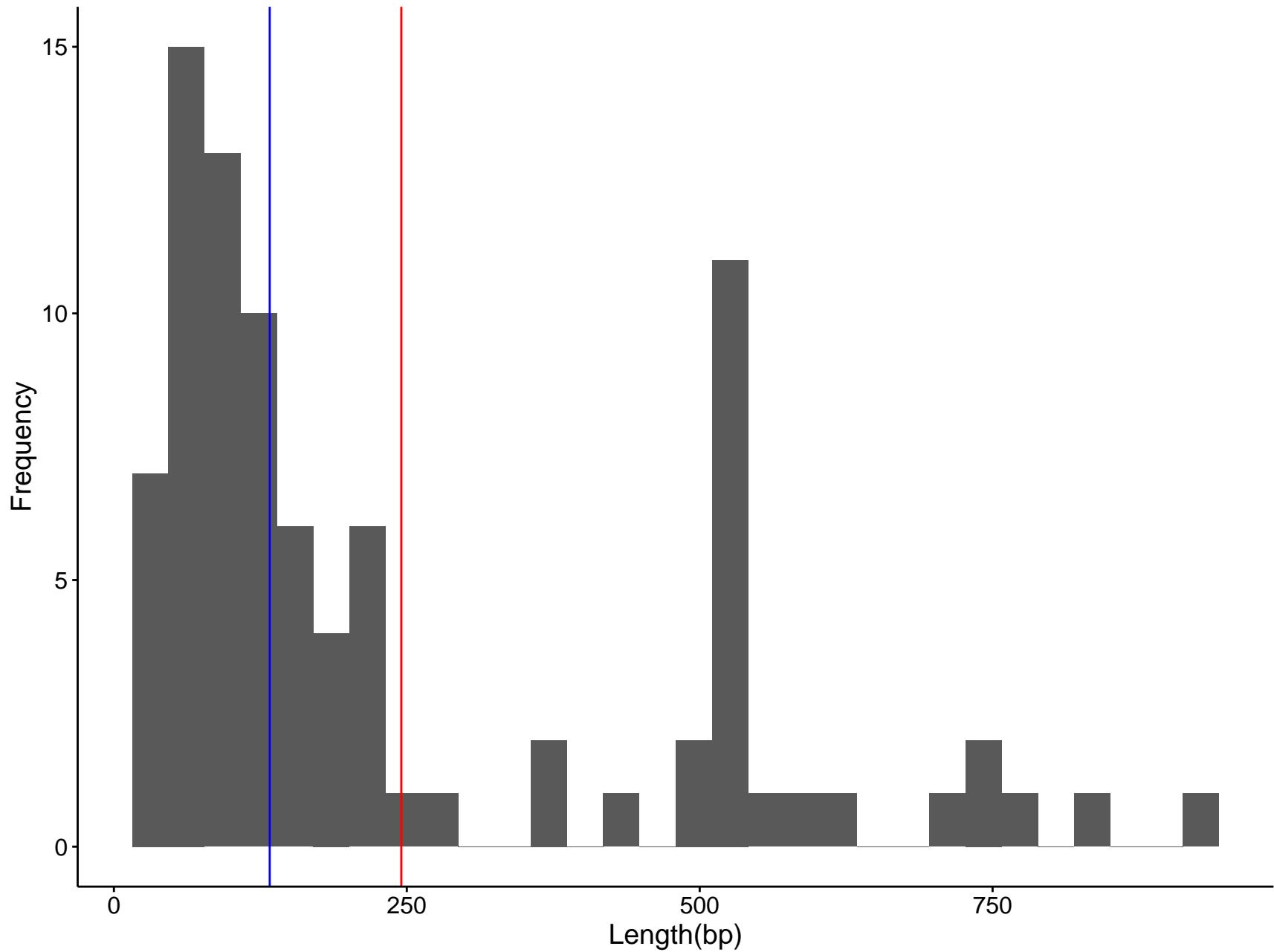
Cluster1480



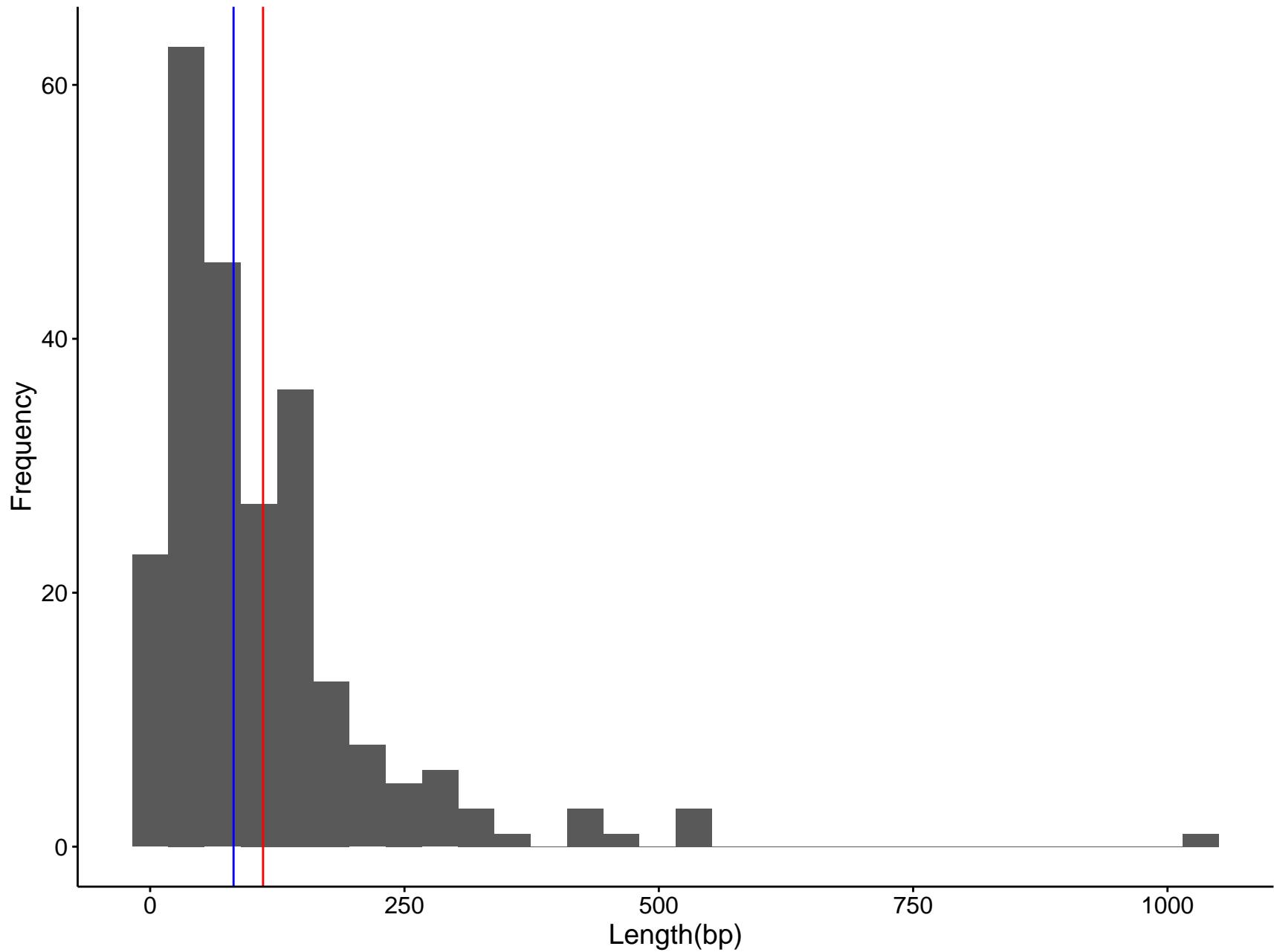
Cluster1481



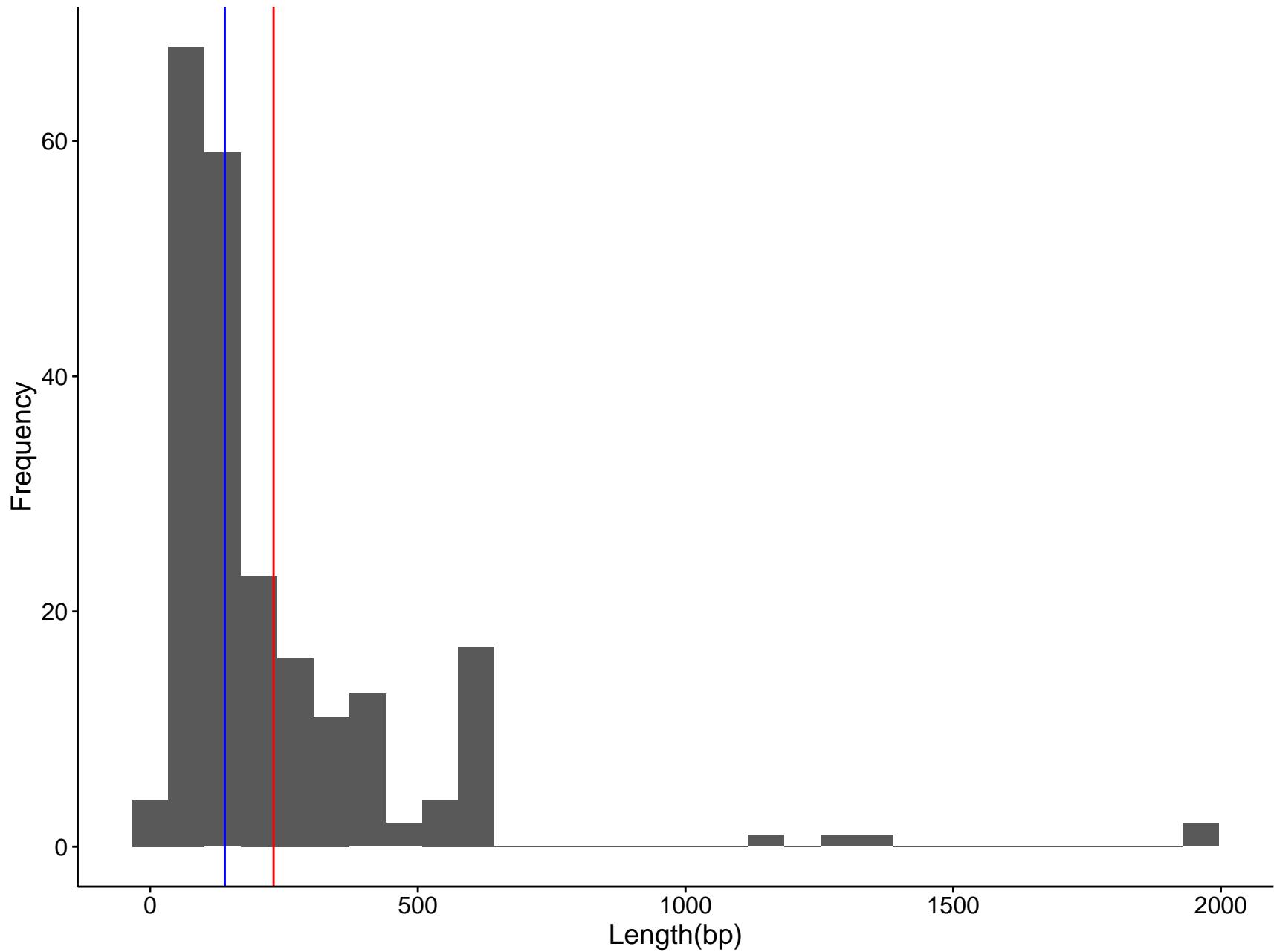
Cluster1482



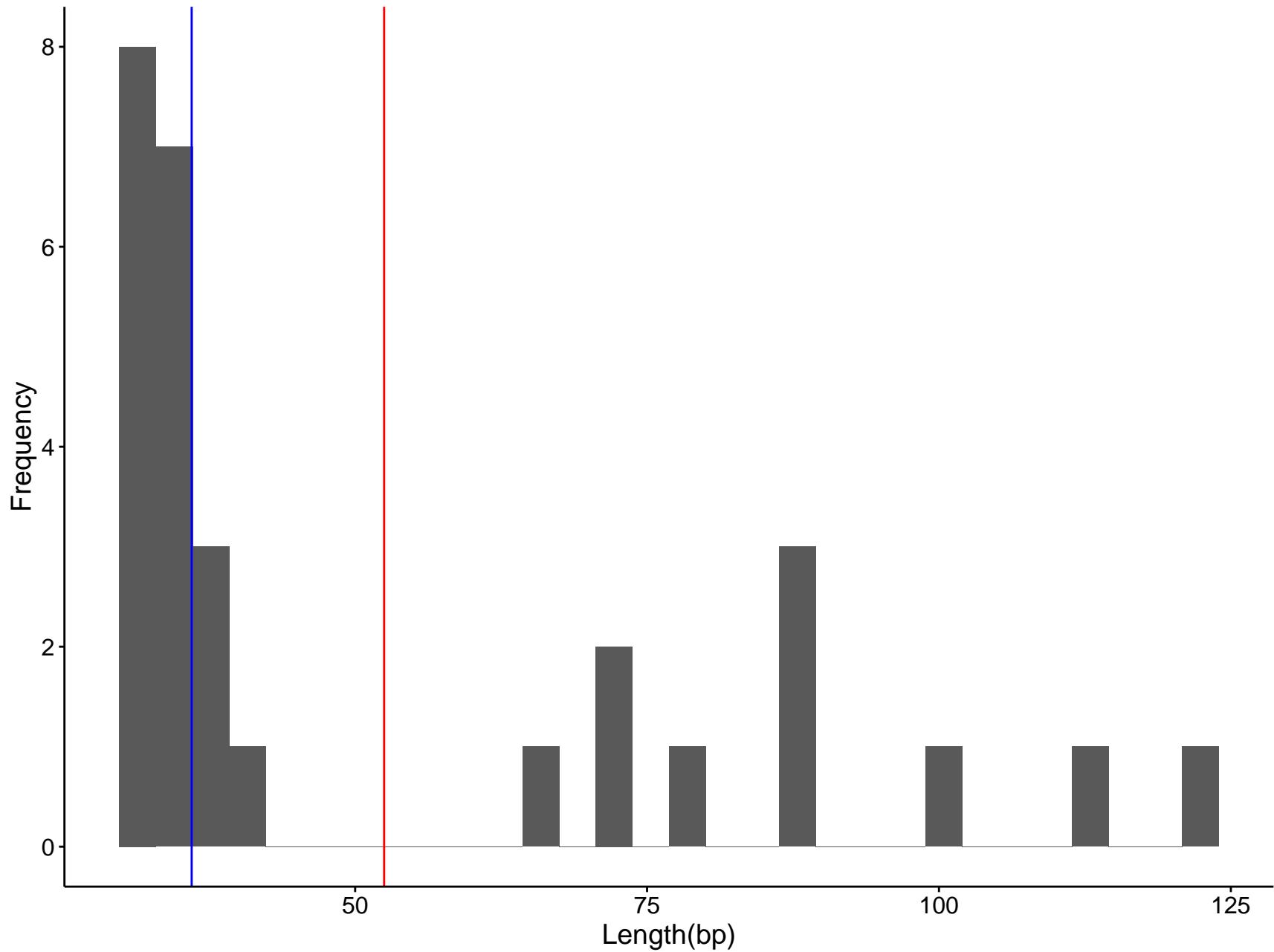
Cluster1483



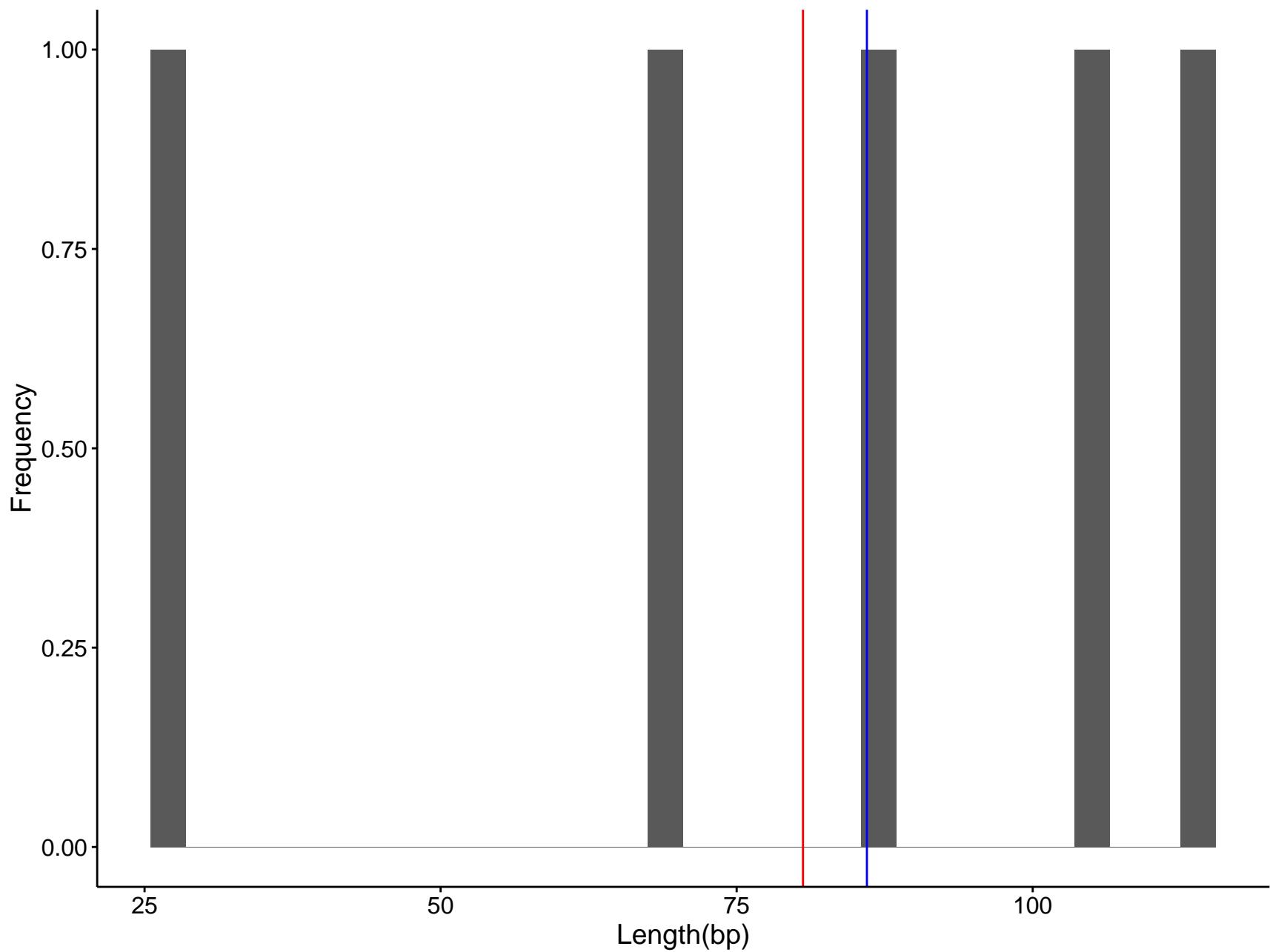
Cluster1484



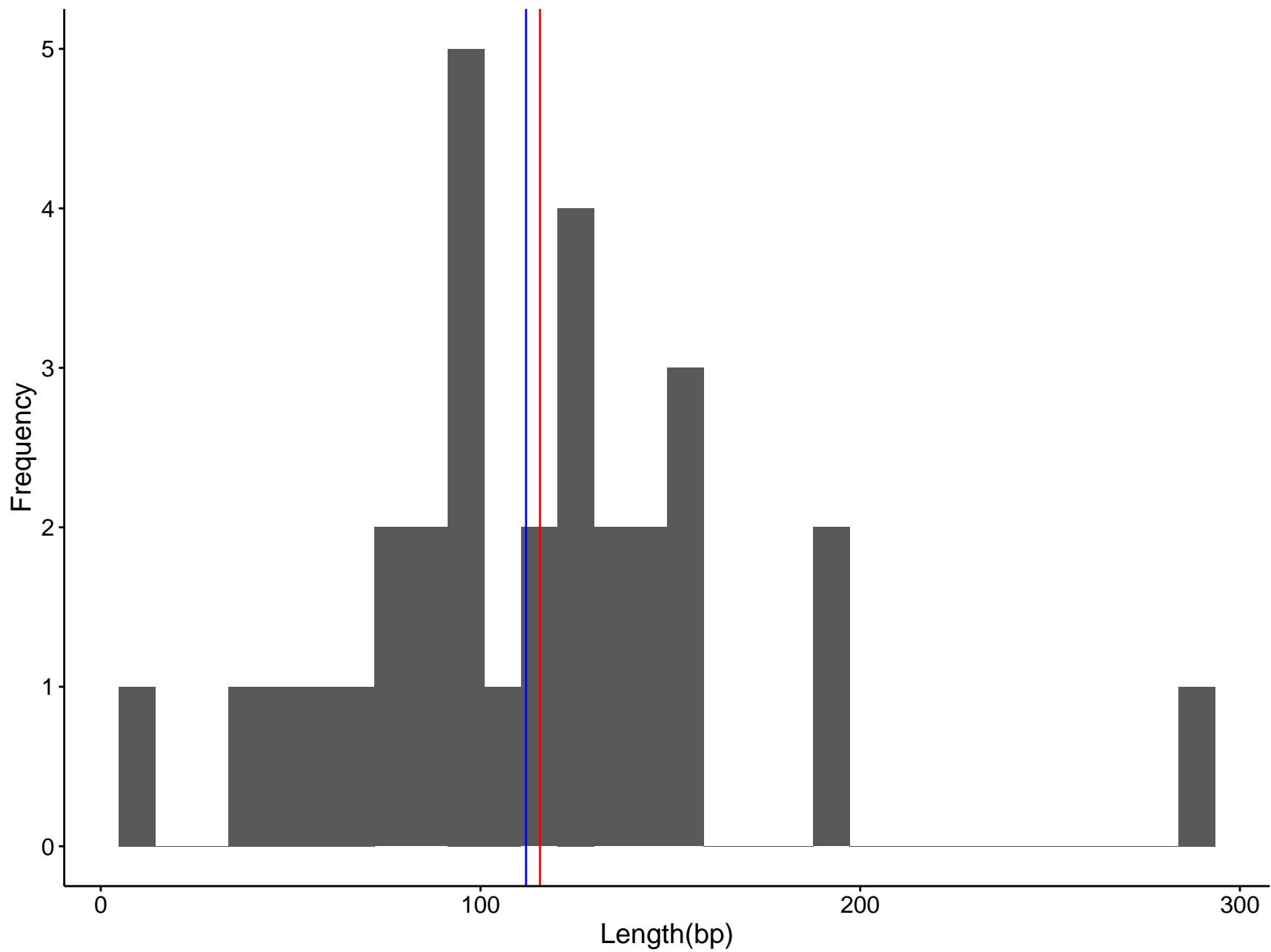
Cluster1485



Cluster1488



Cluster1489



Cluster1490

Frequency

80.950

80.975

81.000

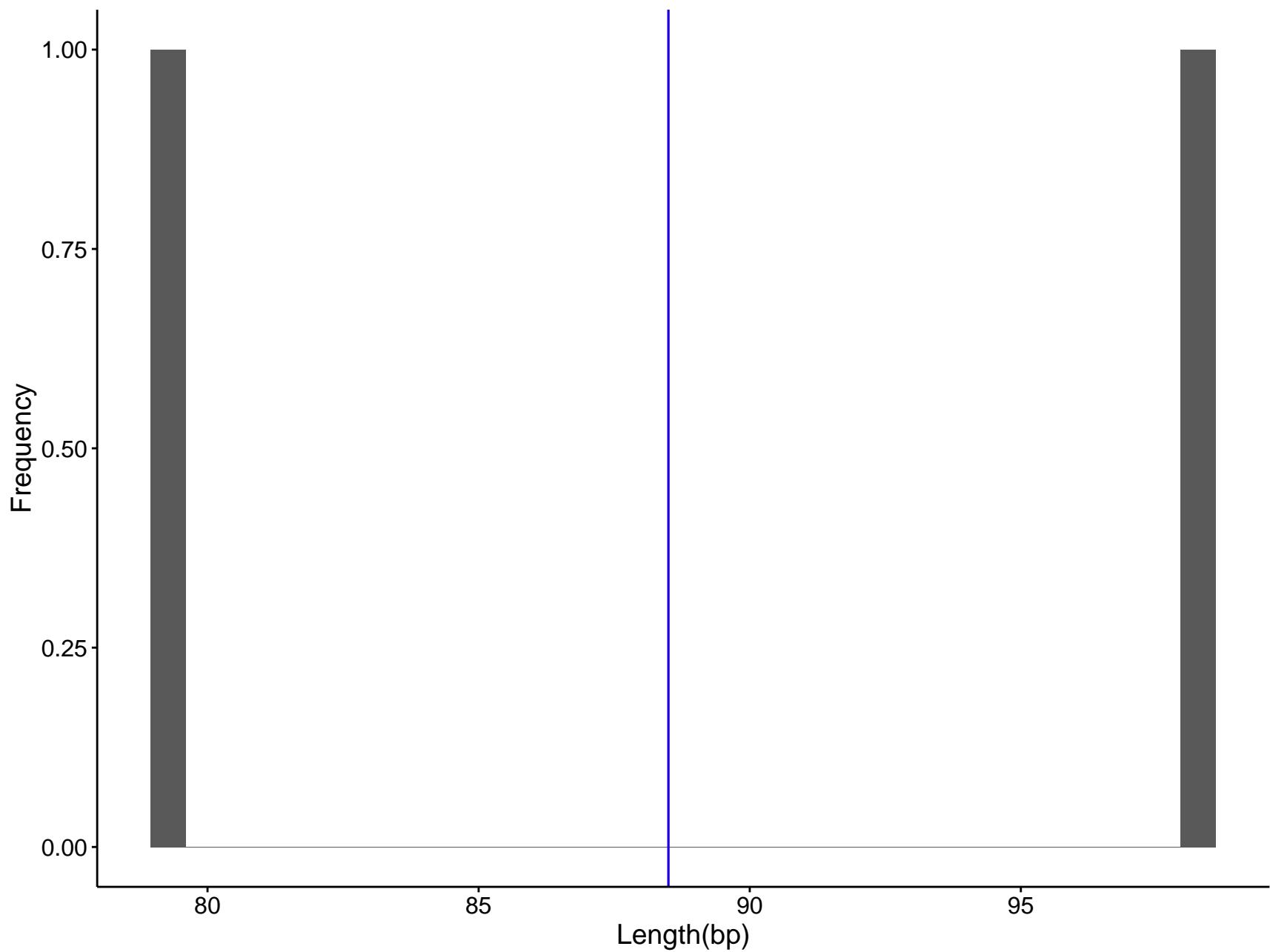
81.025

81.0

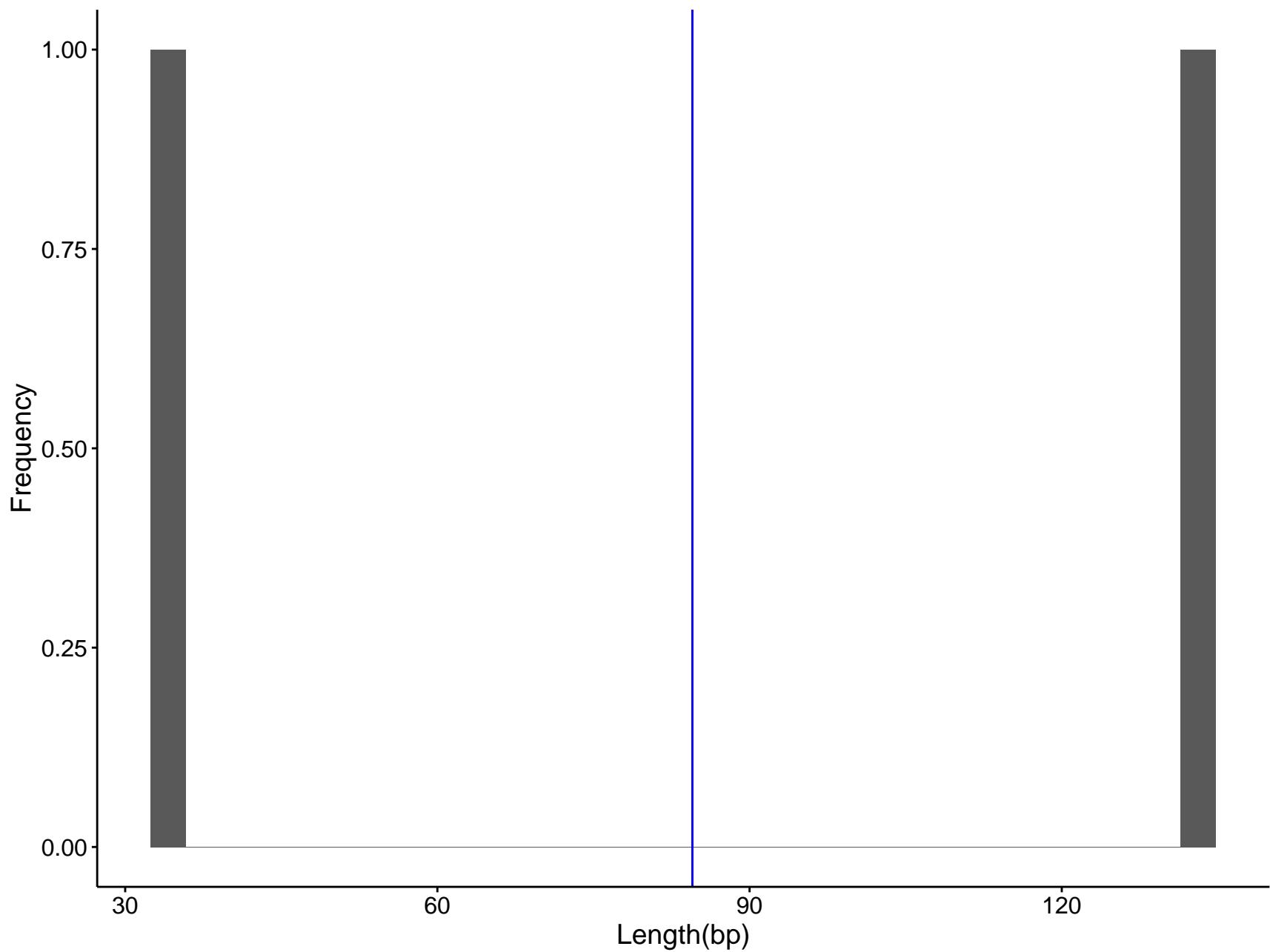
Length(bp)



Cluster1491



Cluster1494



Cluster1495

Frequency

358.950

358.975

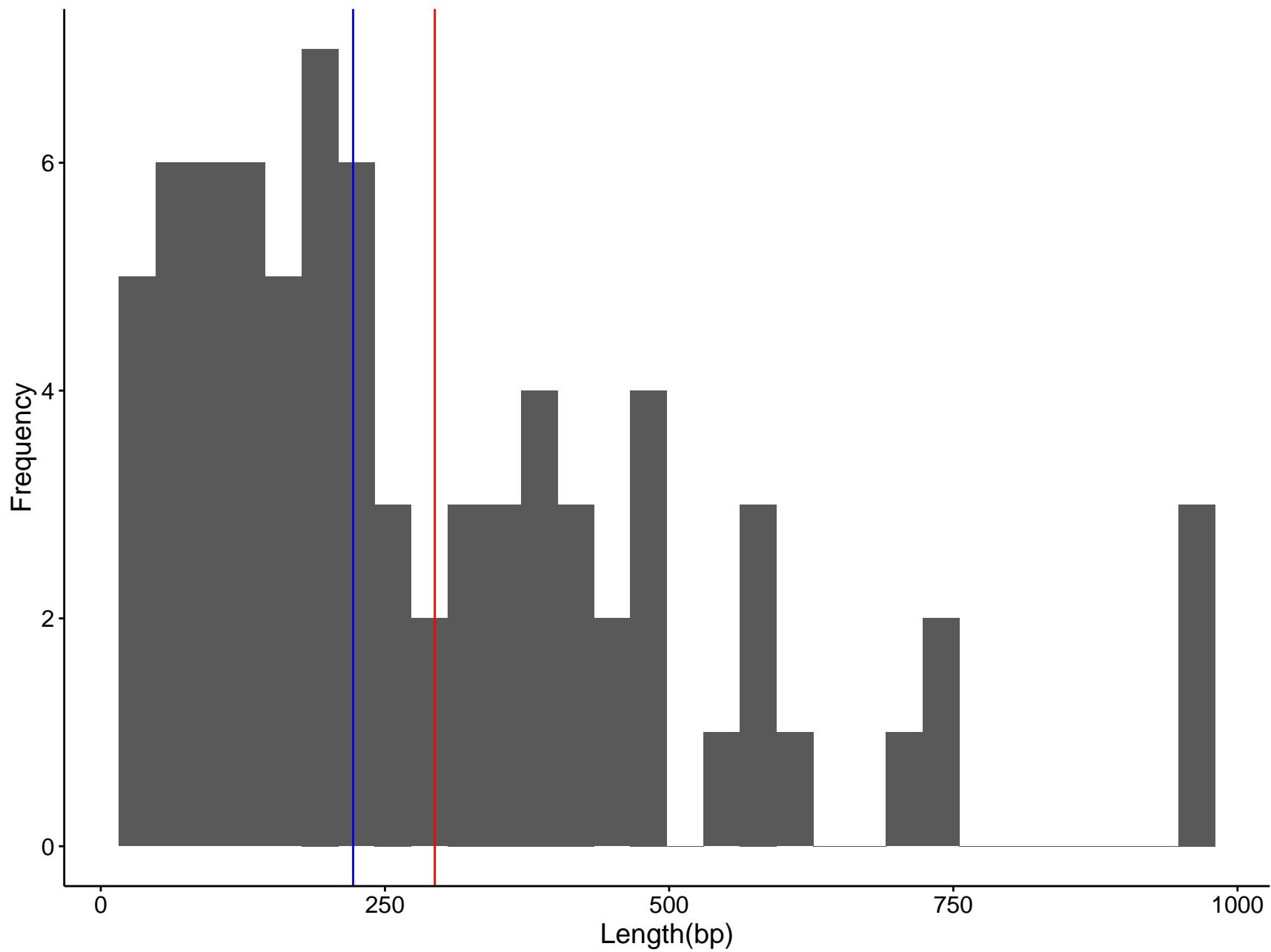
359.000

359.025

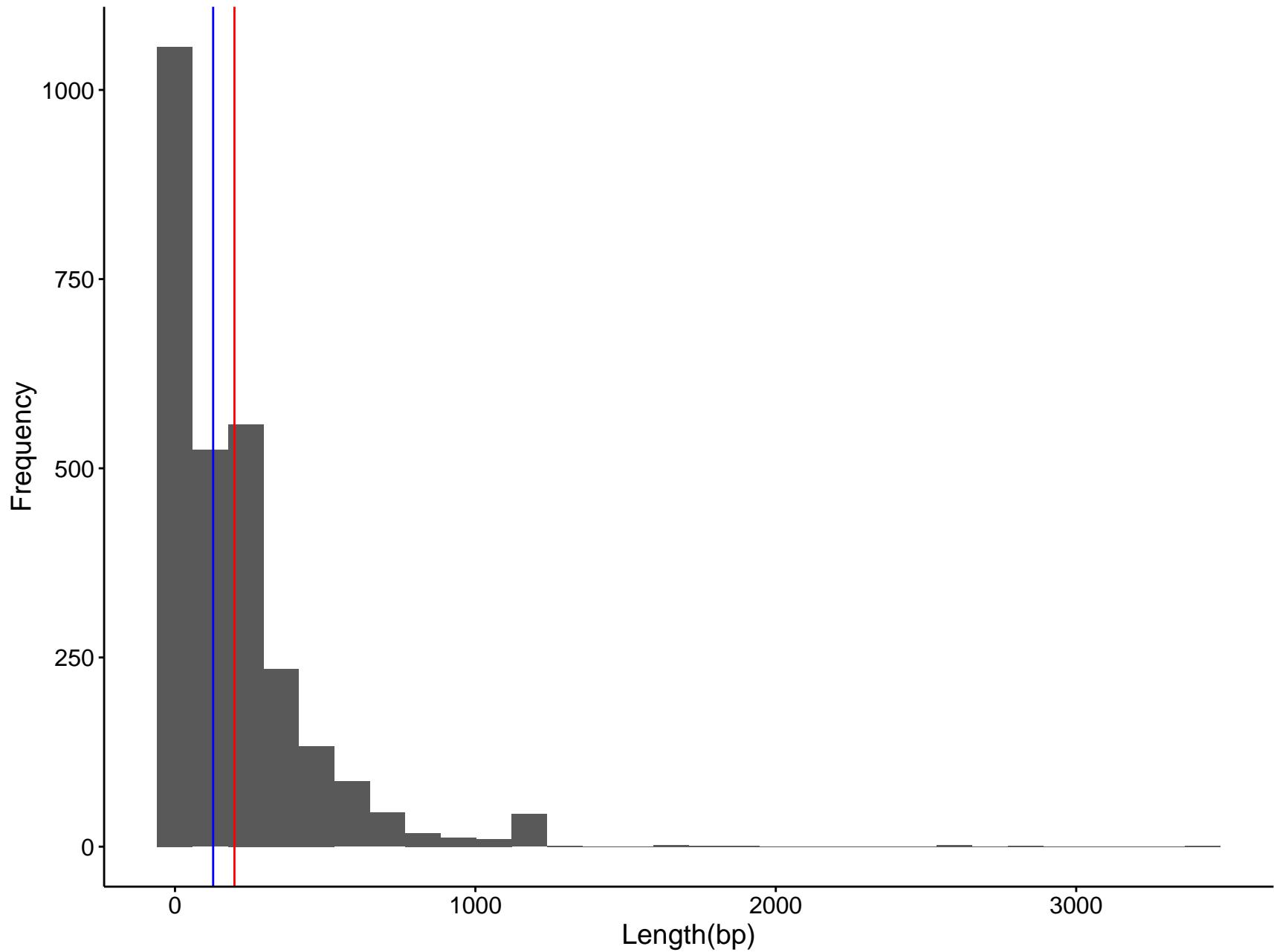
Length(bp)



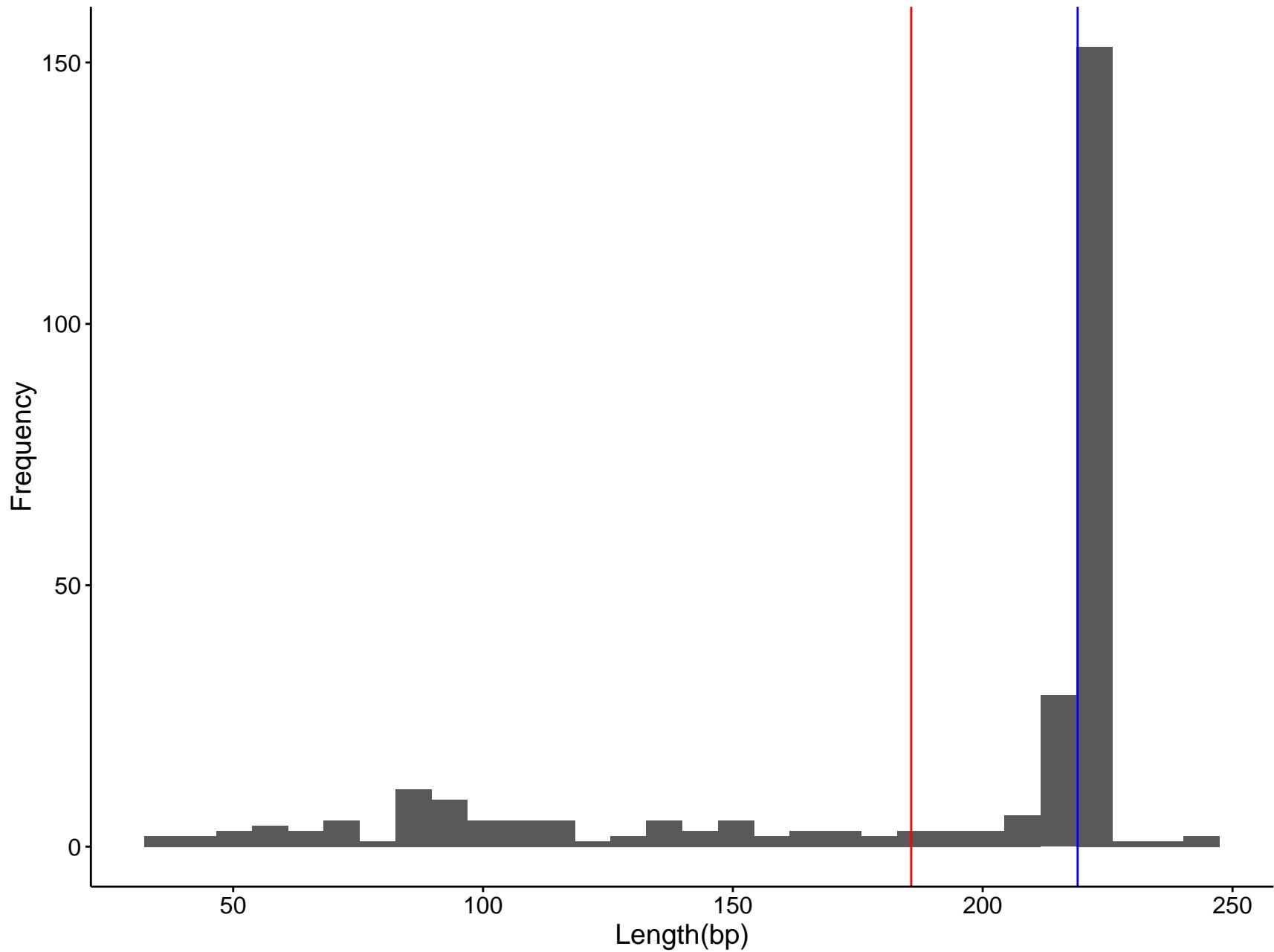
Cluster14



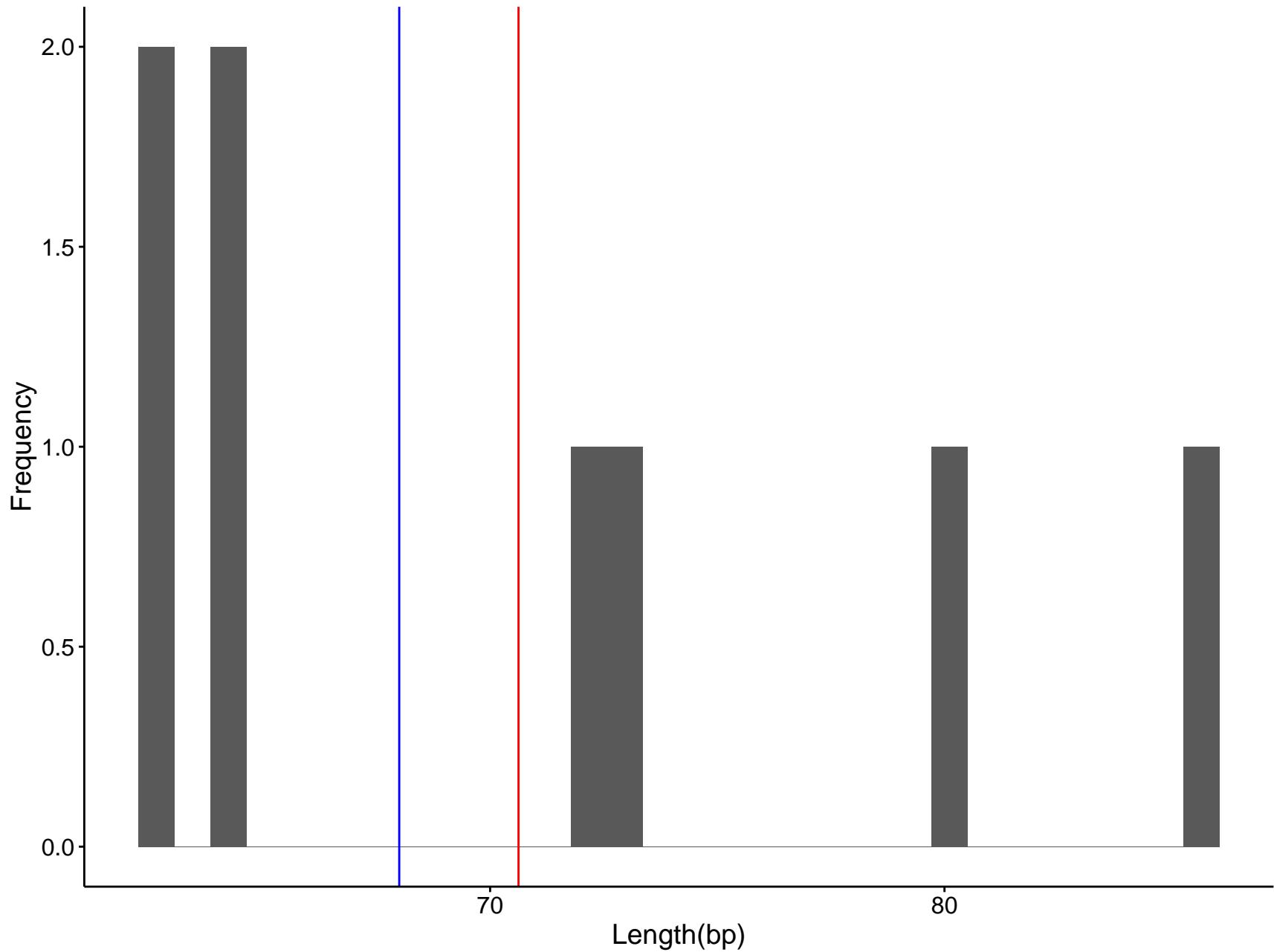
Cluster1503



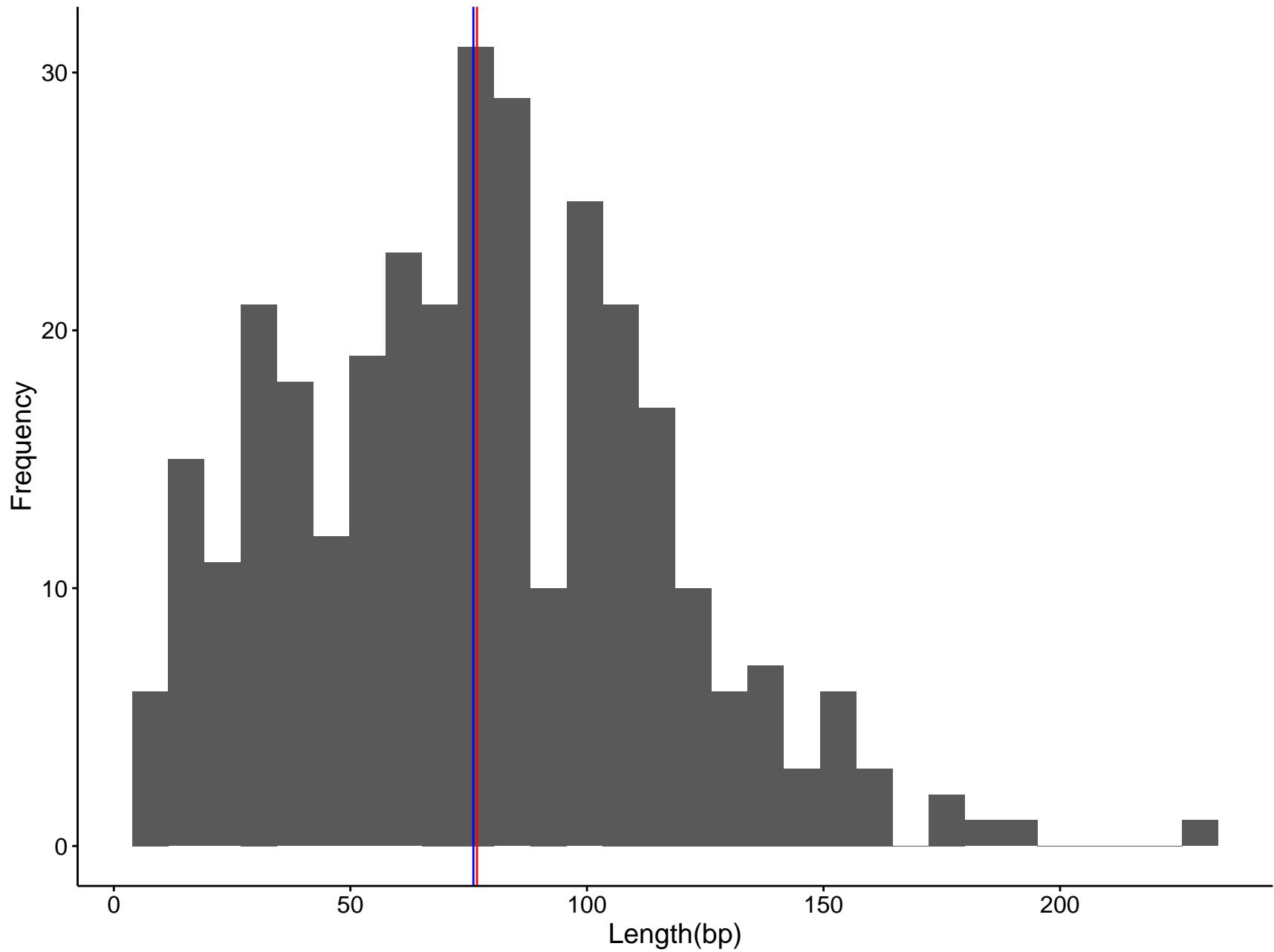
Cluster1504



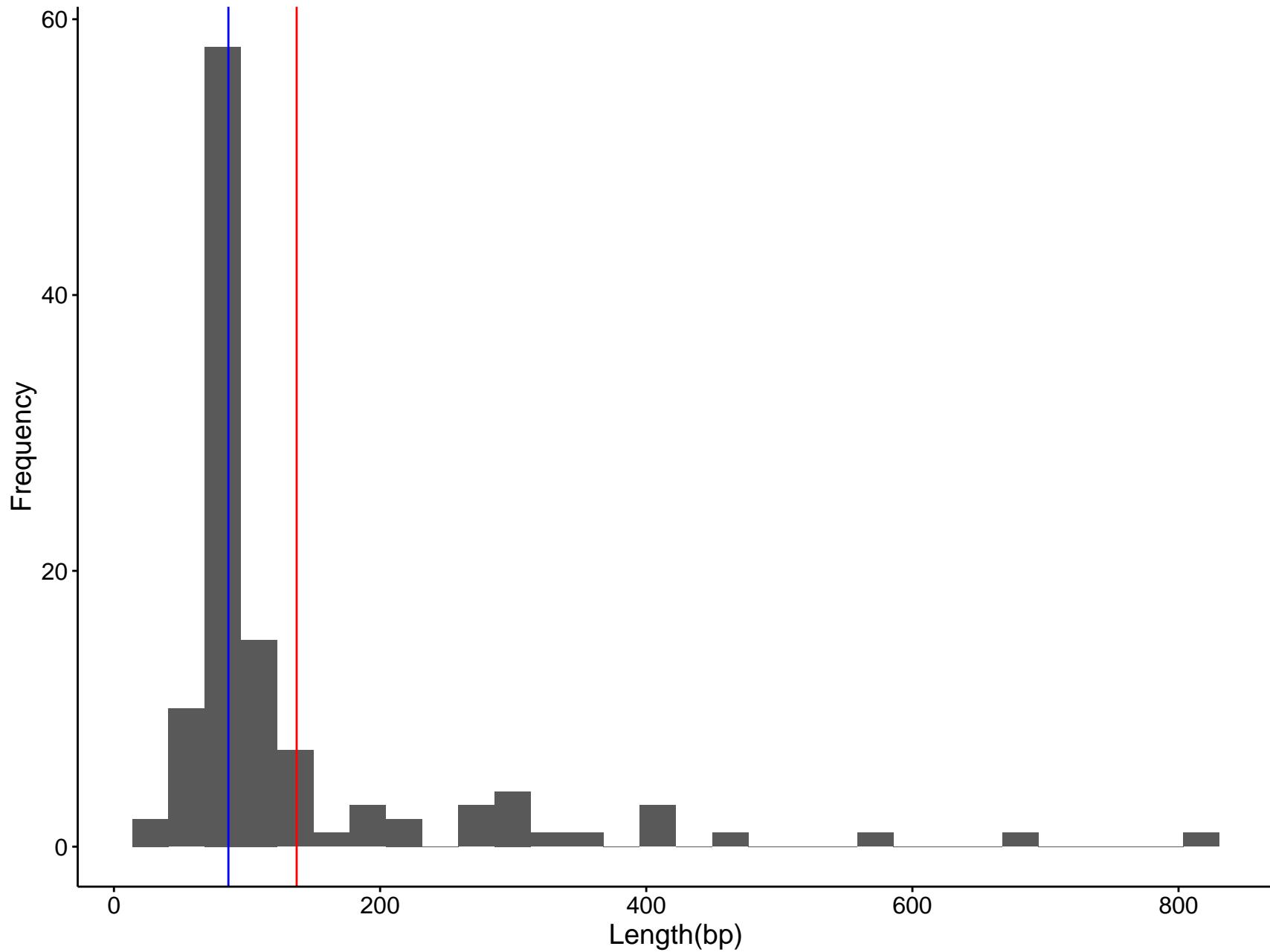
Cluster1505



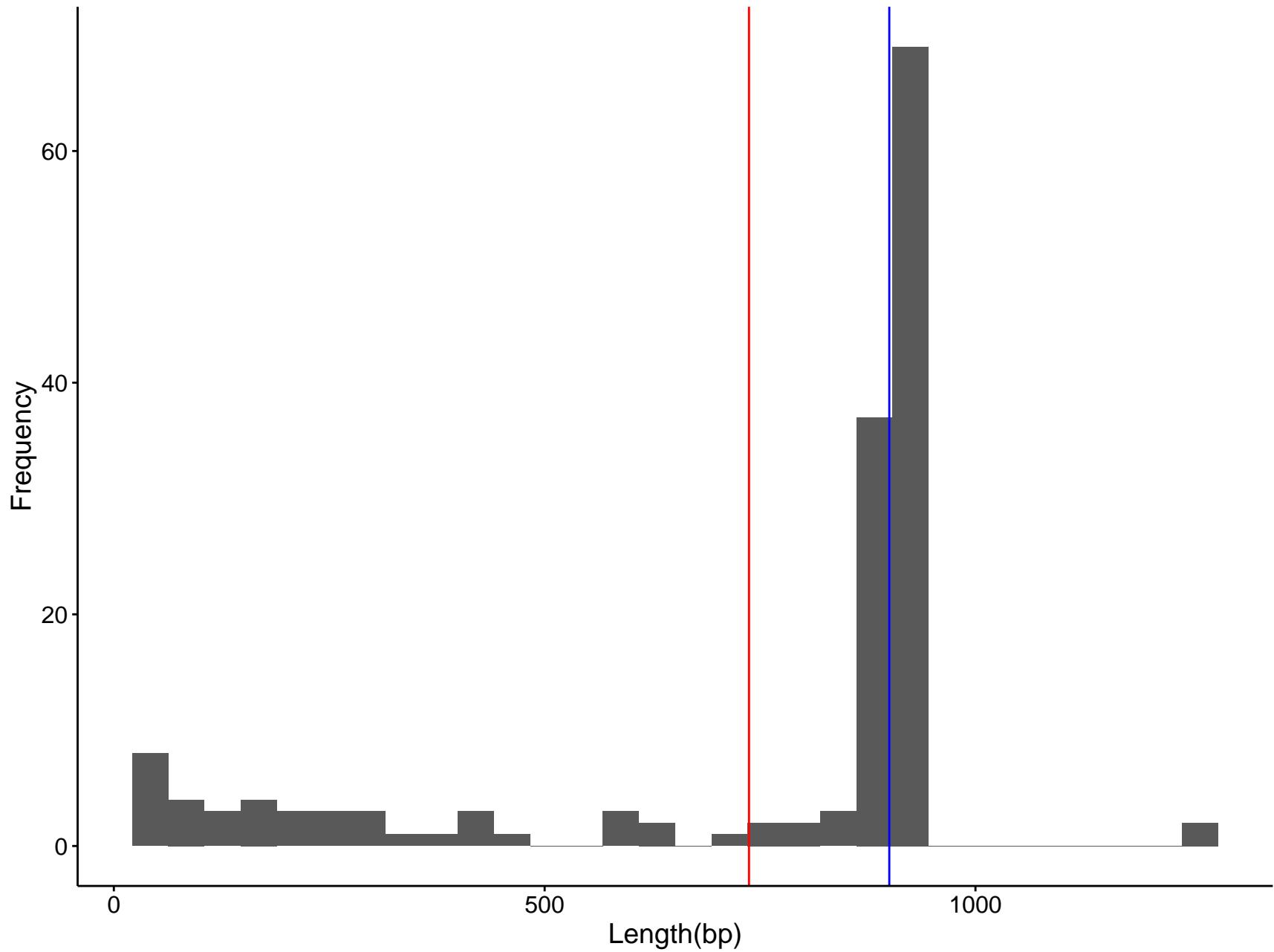
Cluster1506



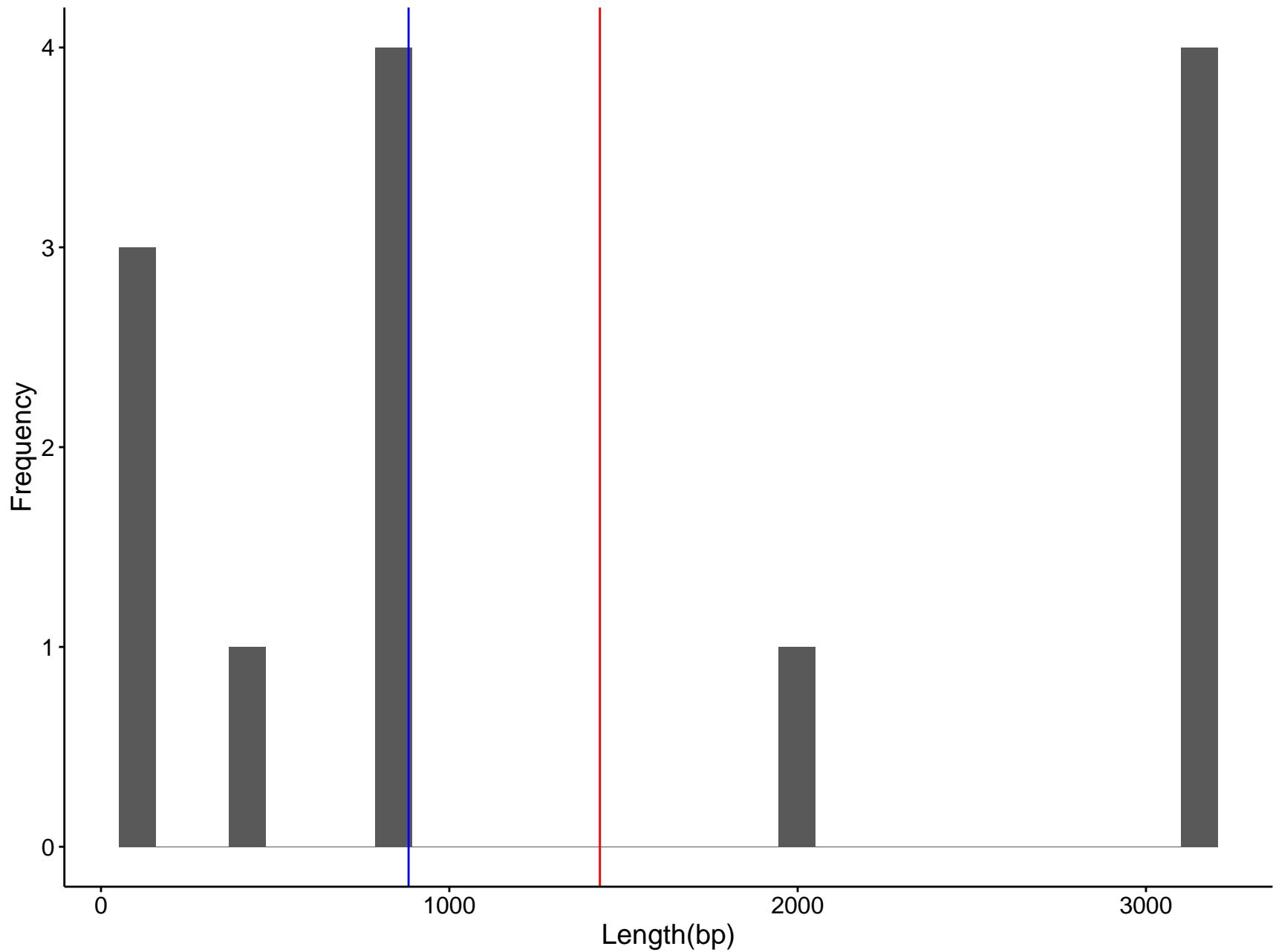
Cluster1507



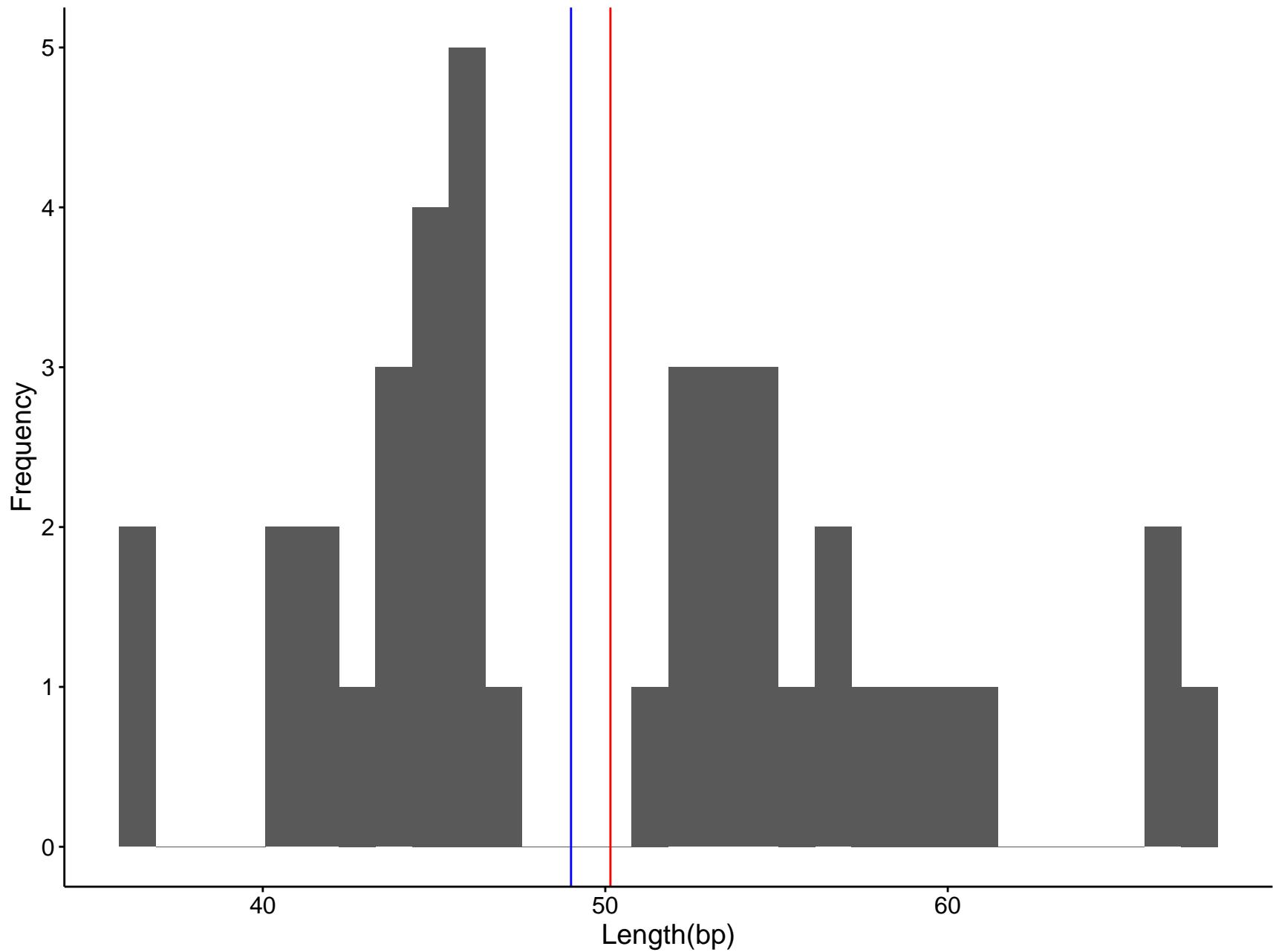
Cluster1508



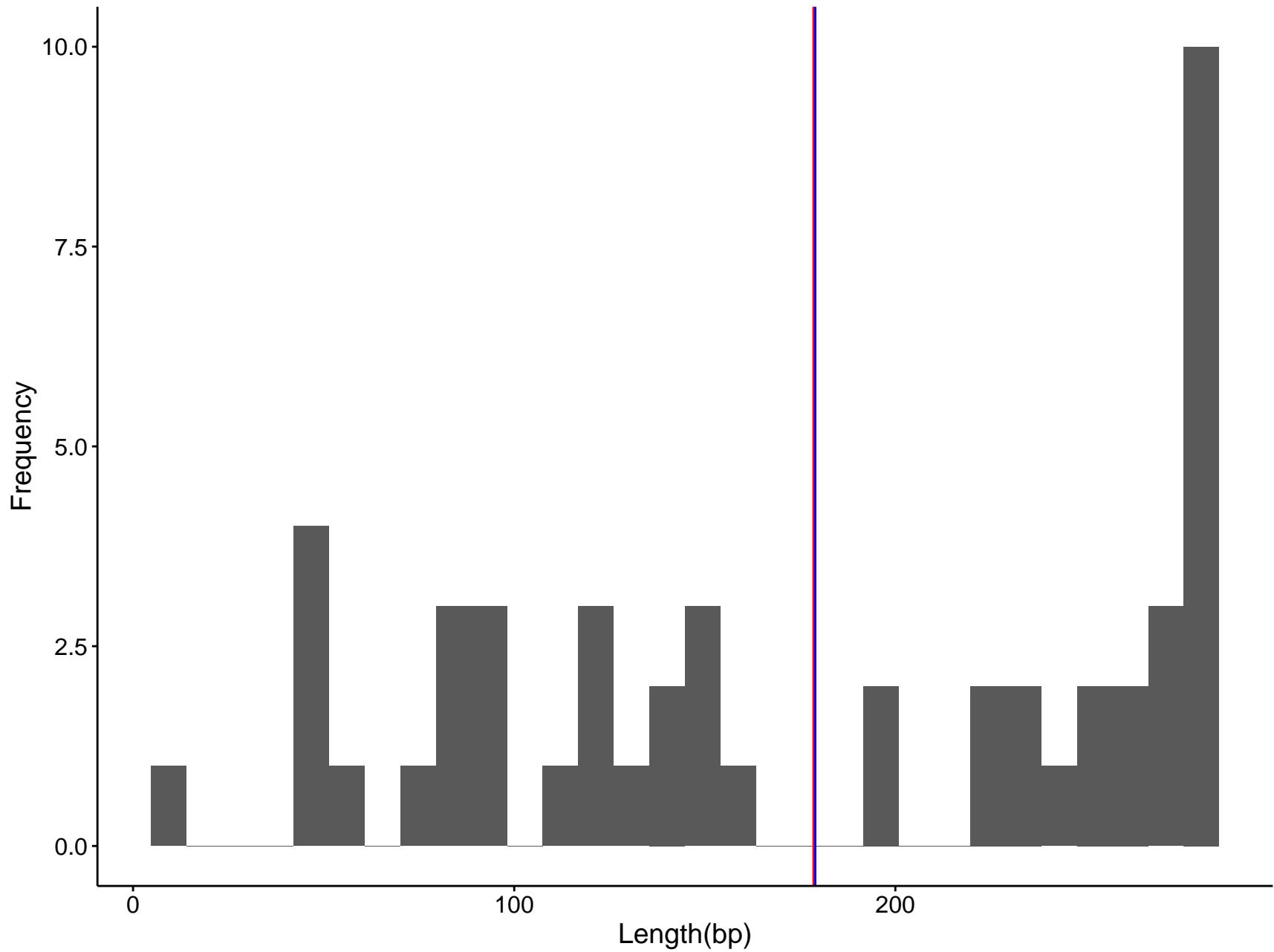
Cluster1509



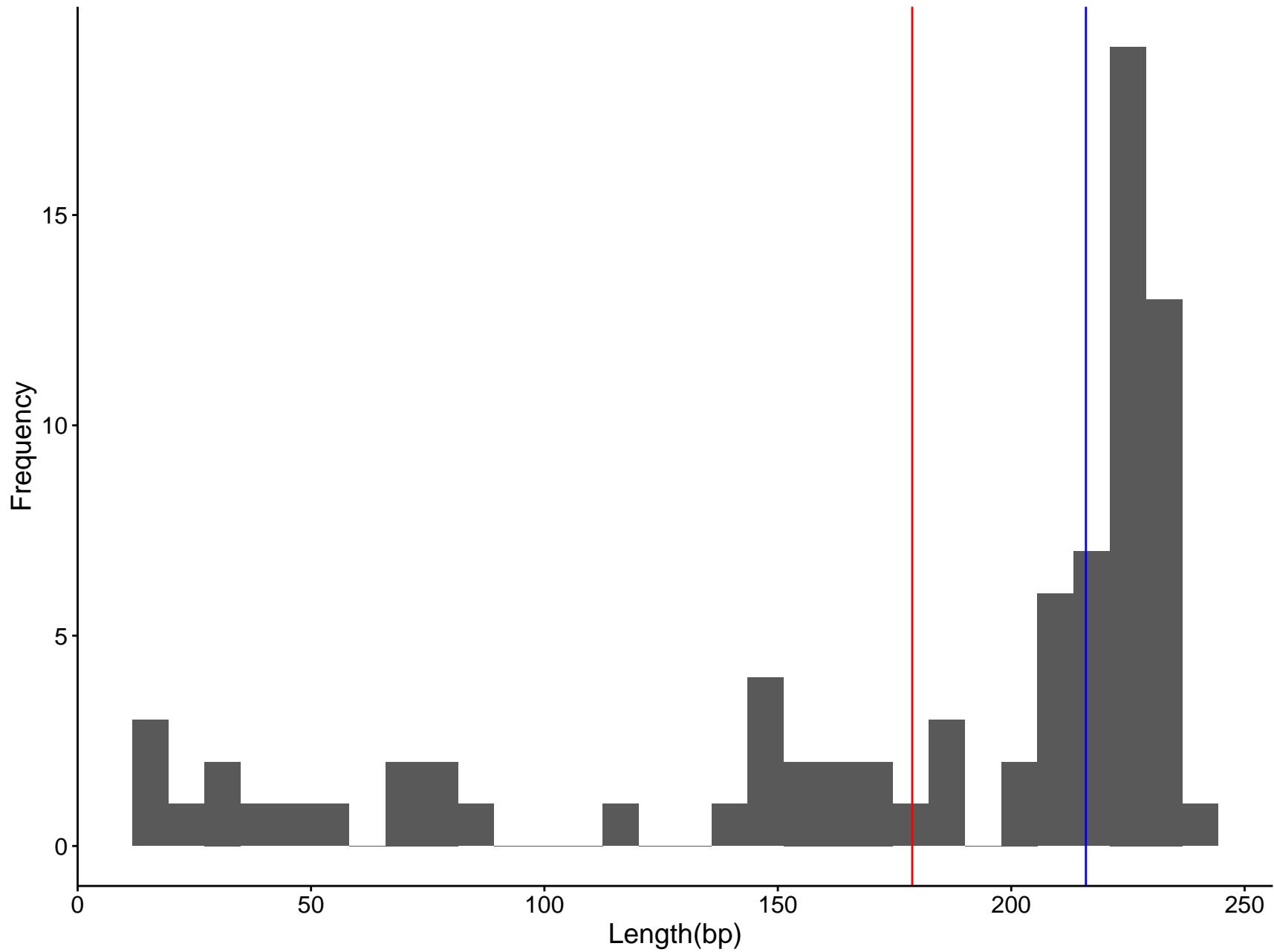
Cluster1510



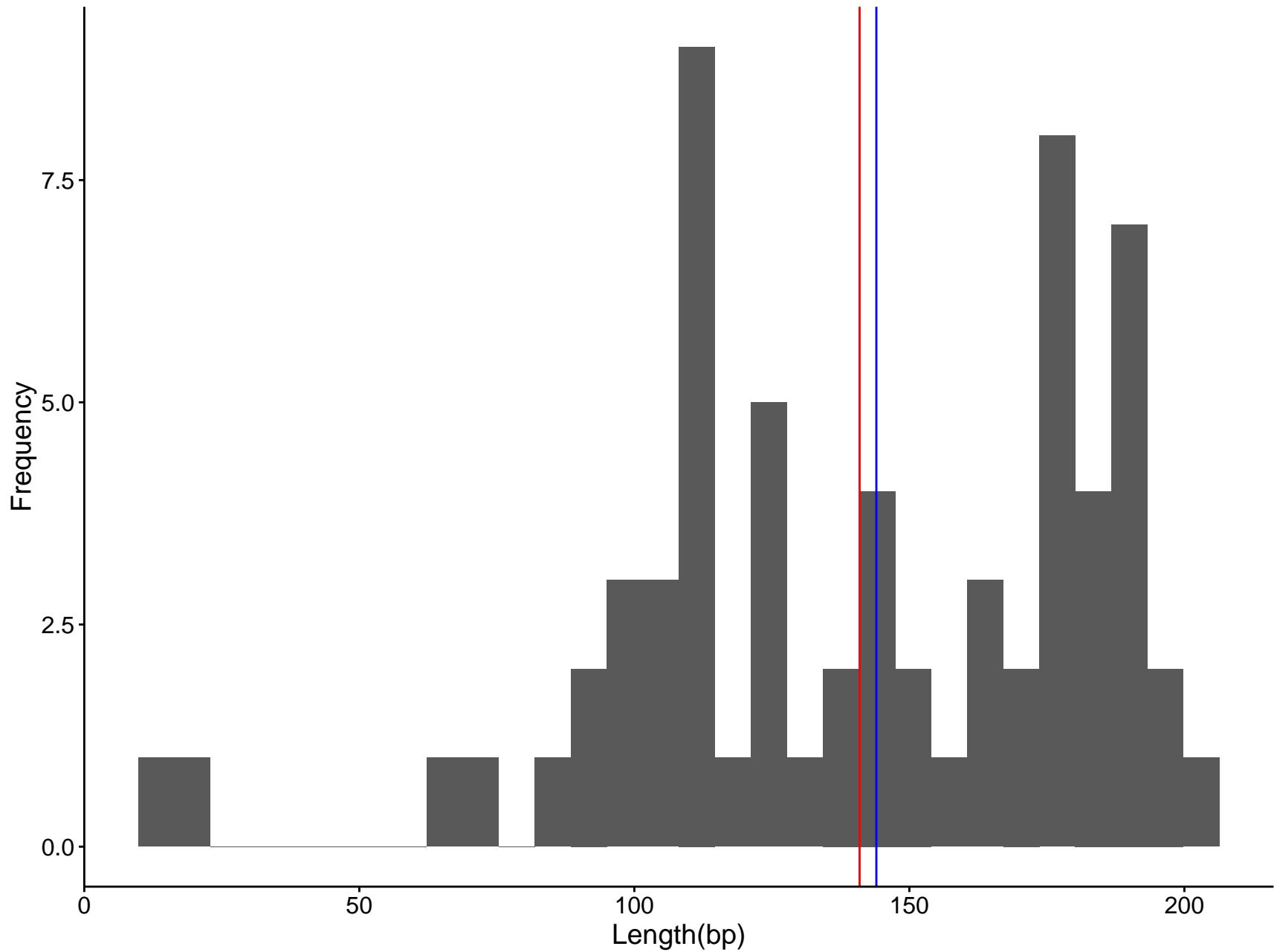
Cluster1511



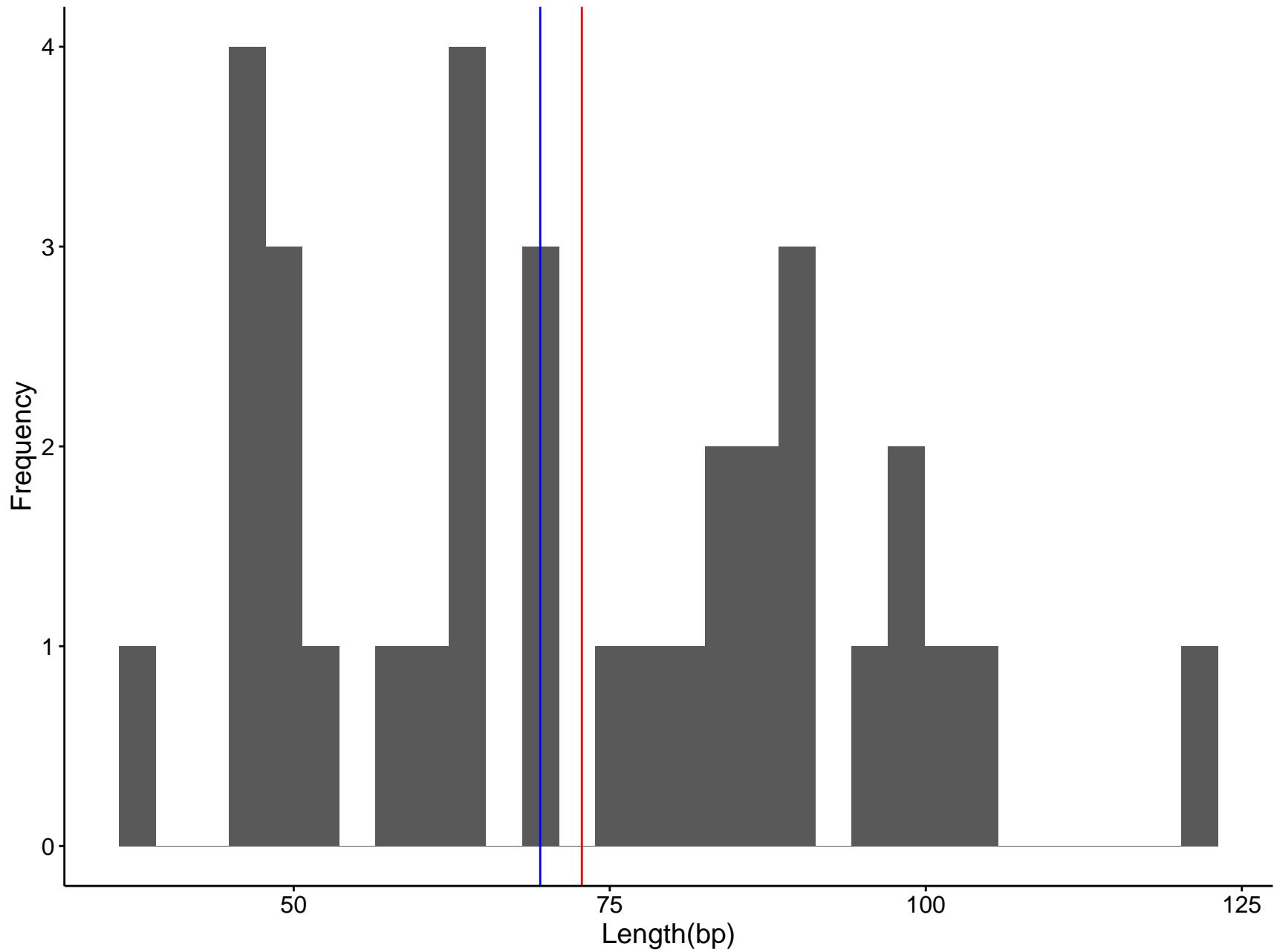
Cluster1512



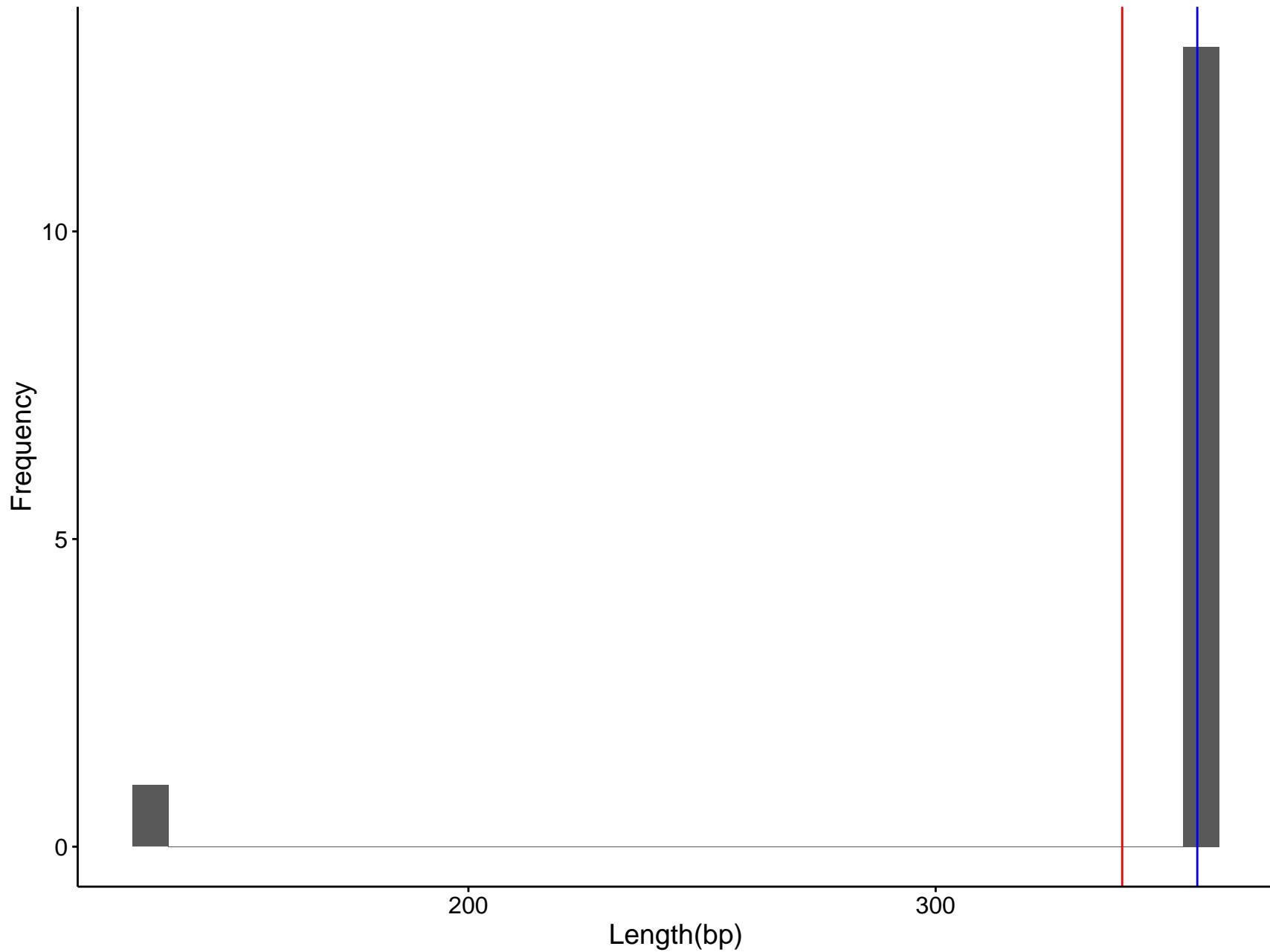
Cluster1513



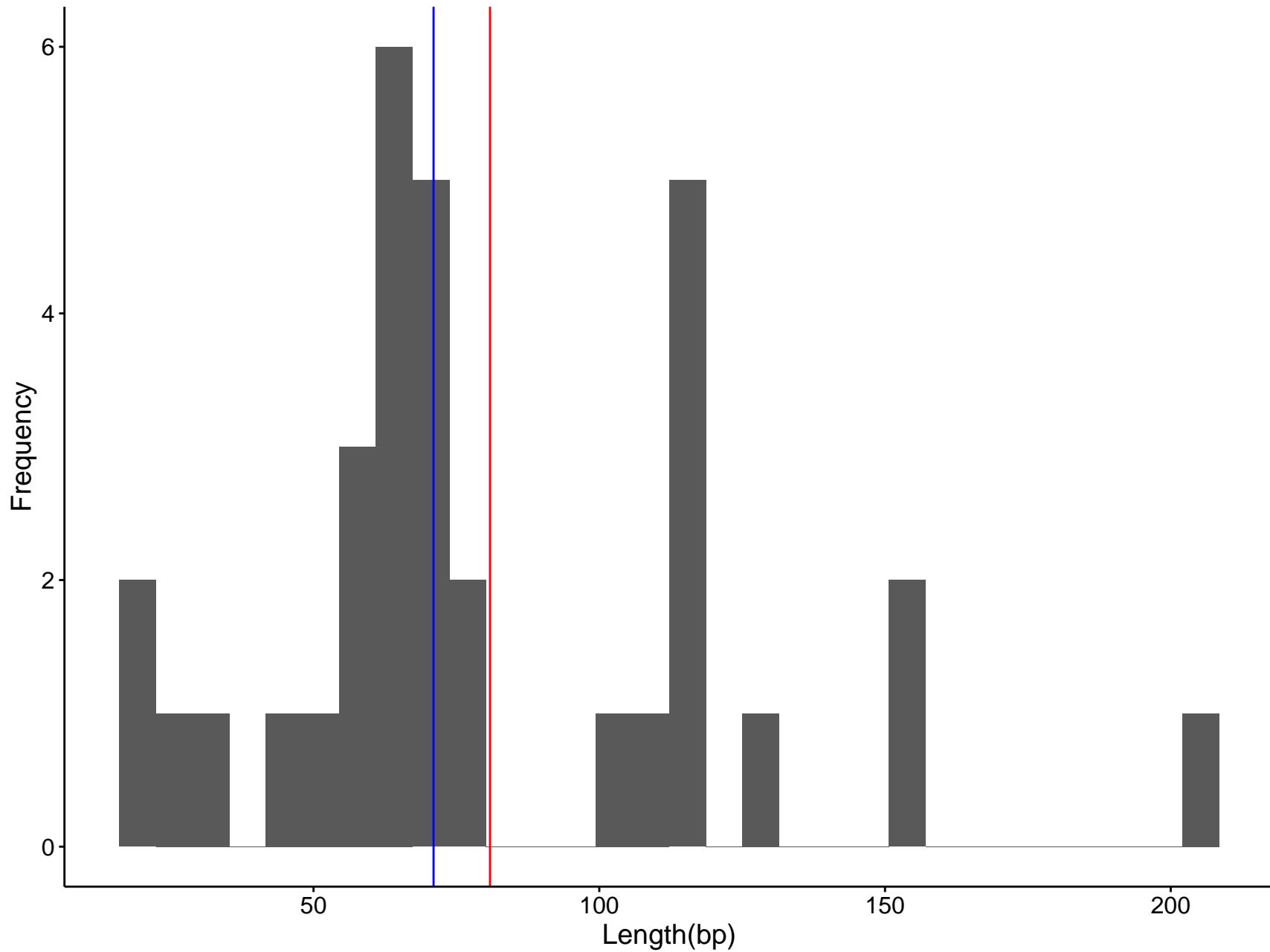
Cluster1514



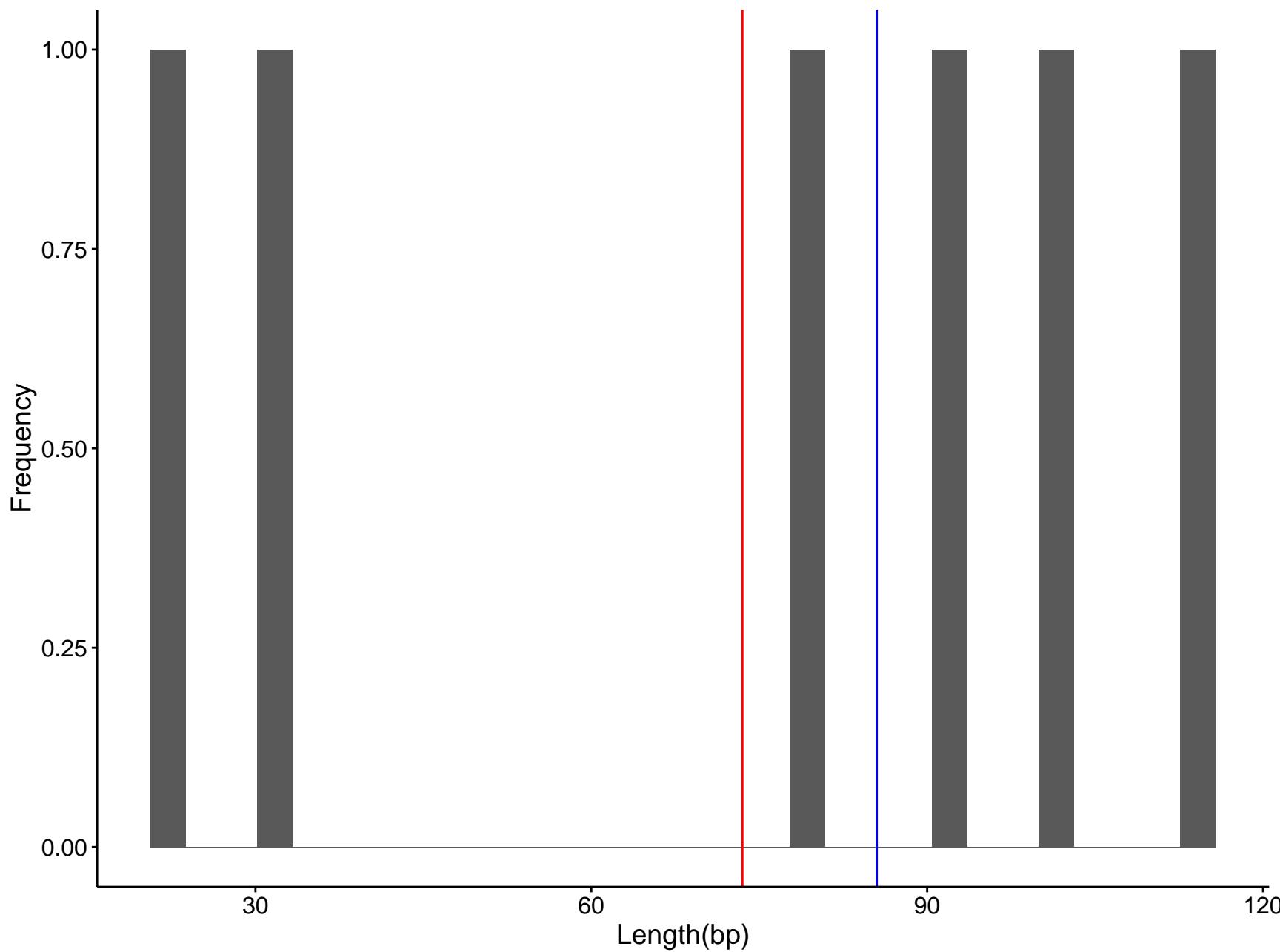
Cluster1515



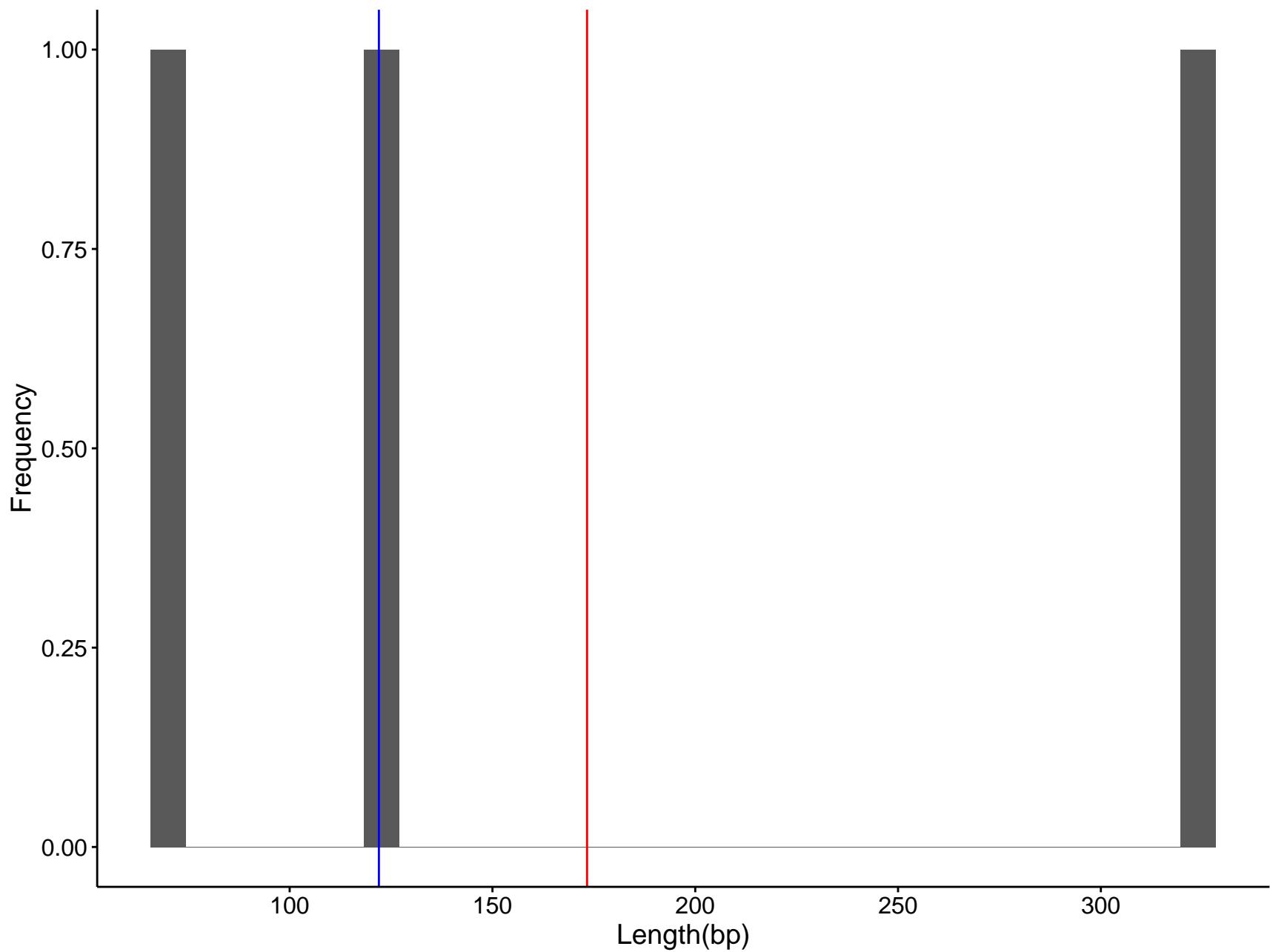
Cluster1516



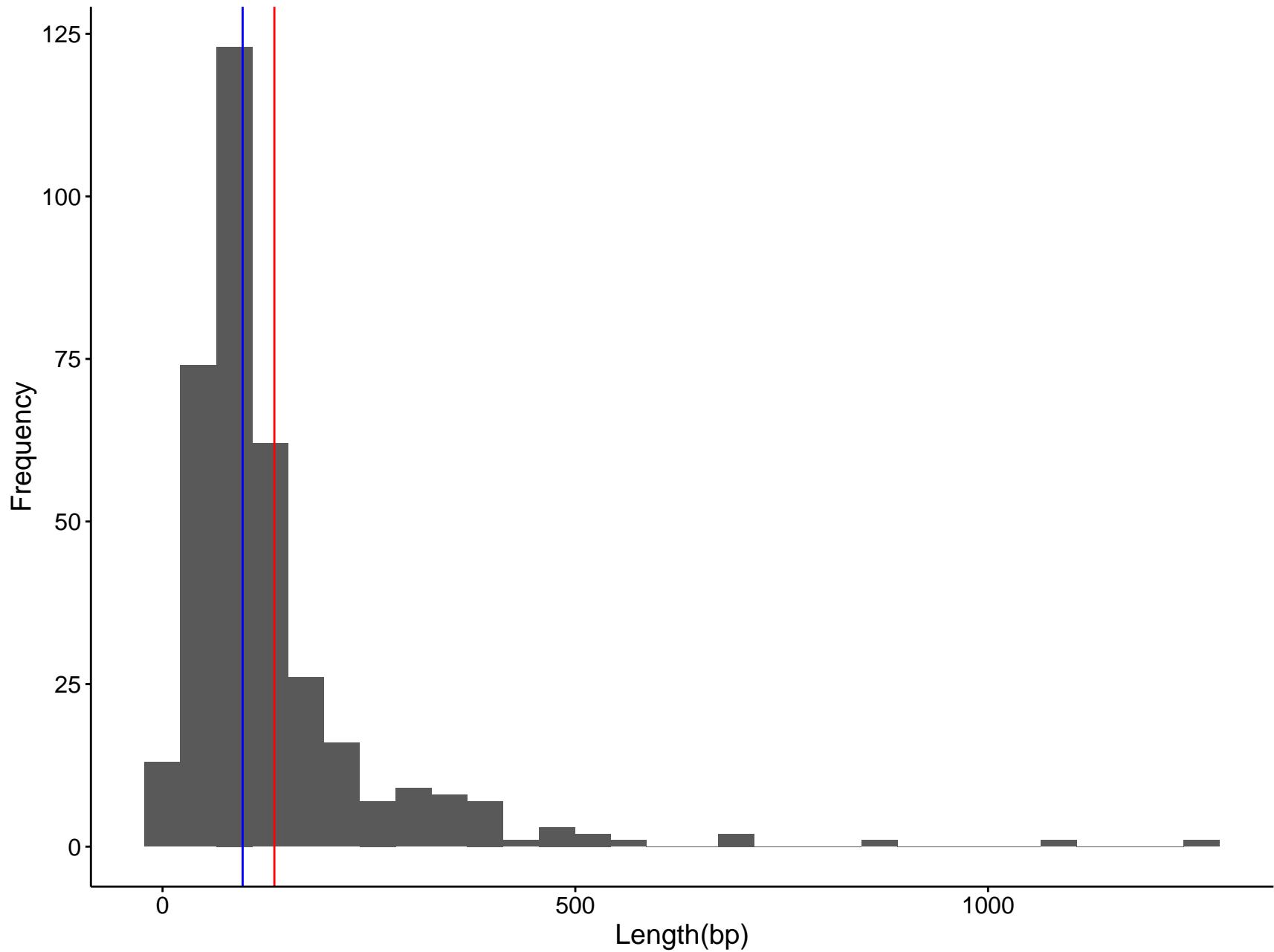
Cluster1517



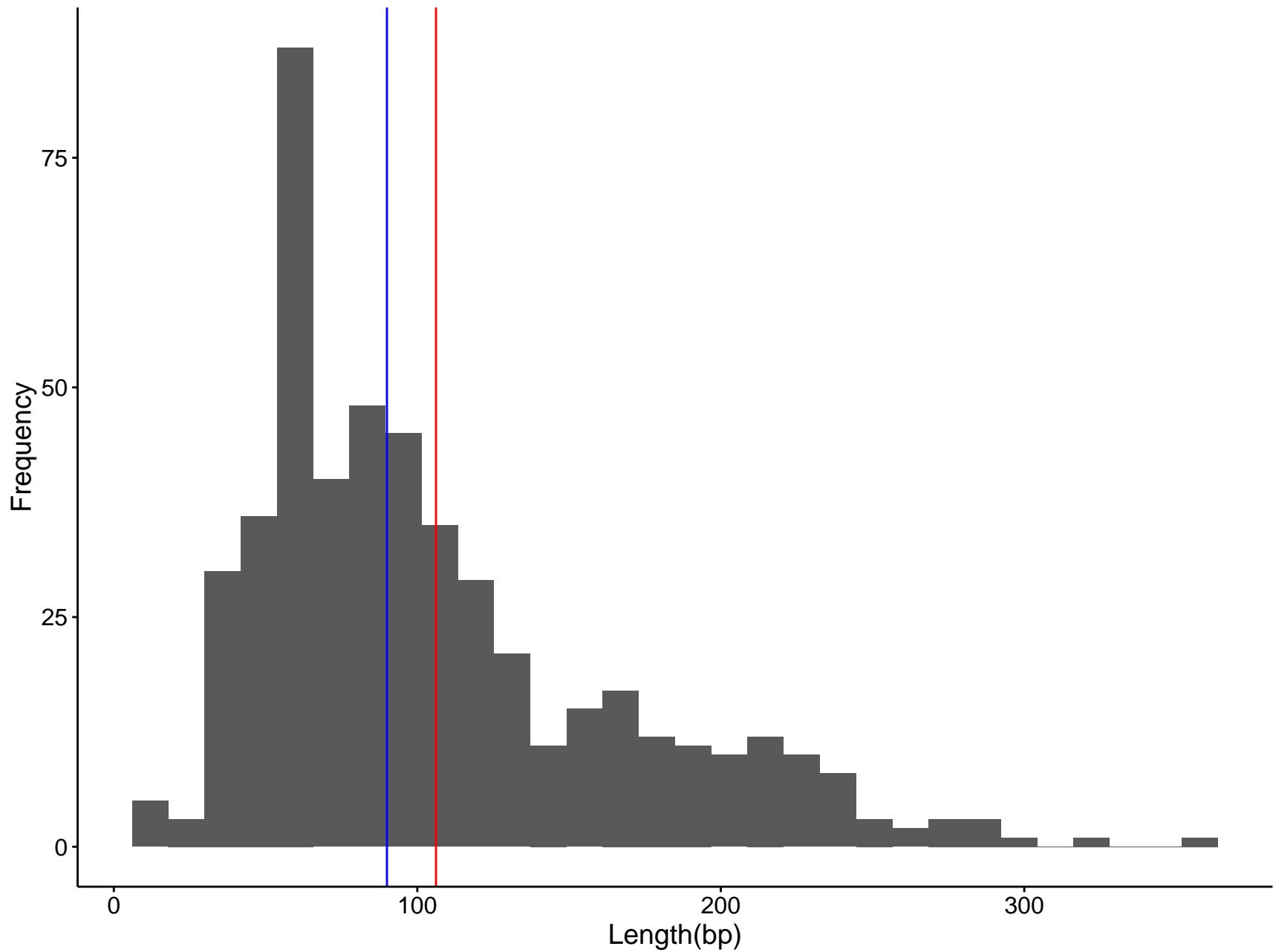
Cluster1519



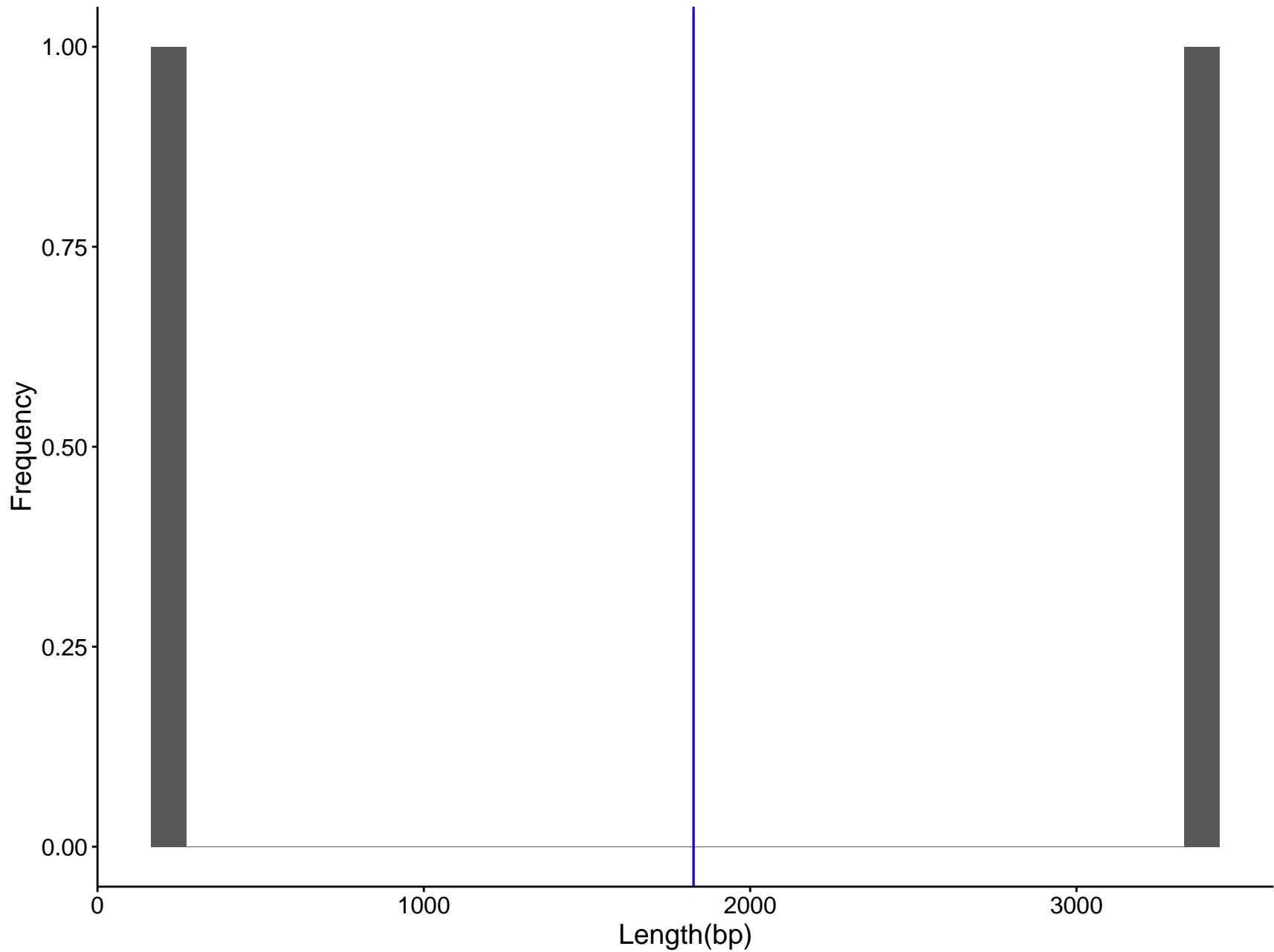
Cluster1520



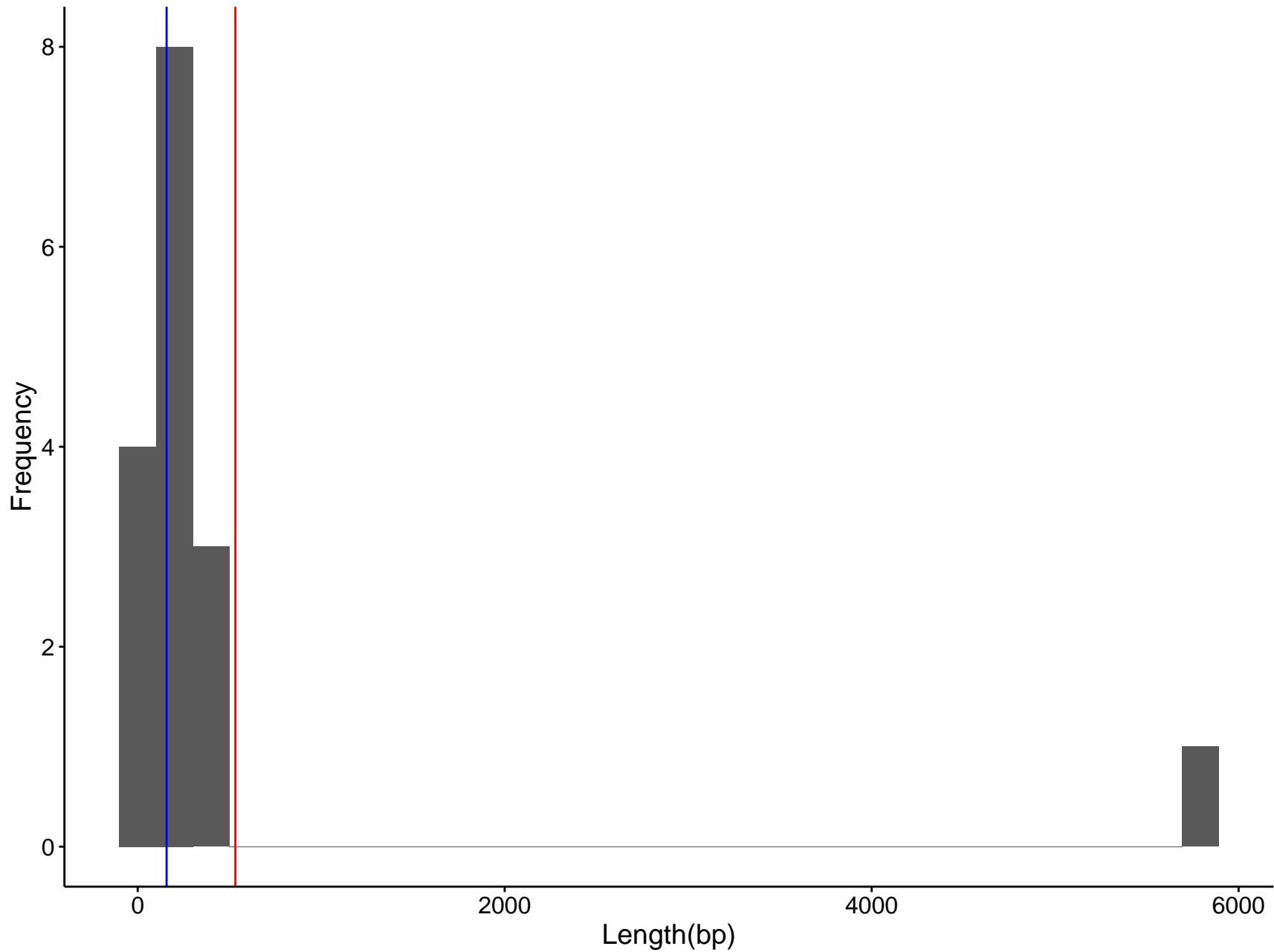
Cluster1522



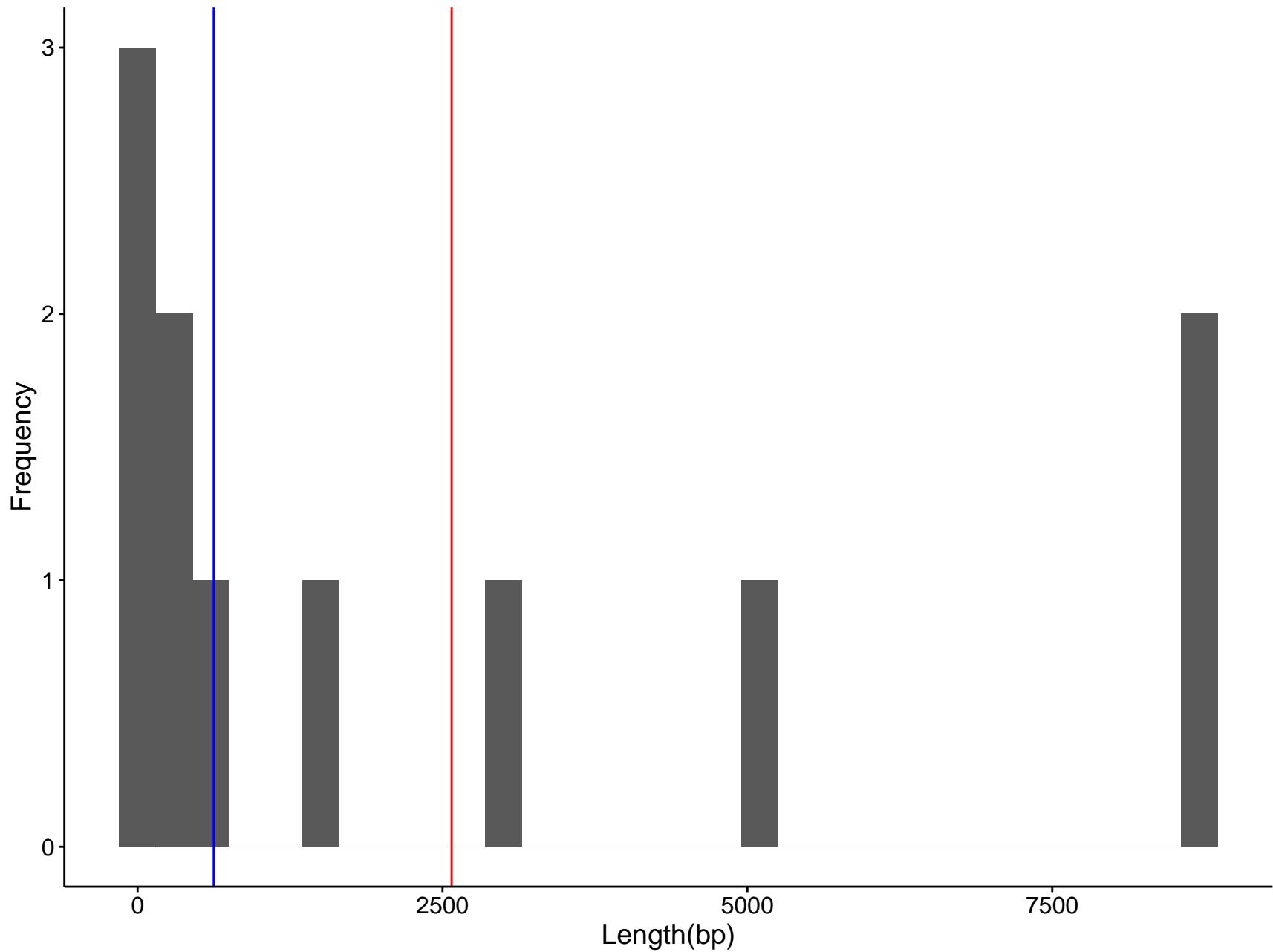
Cluster1523



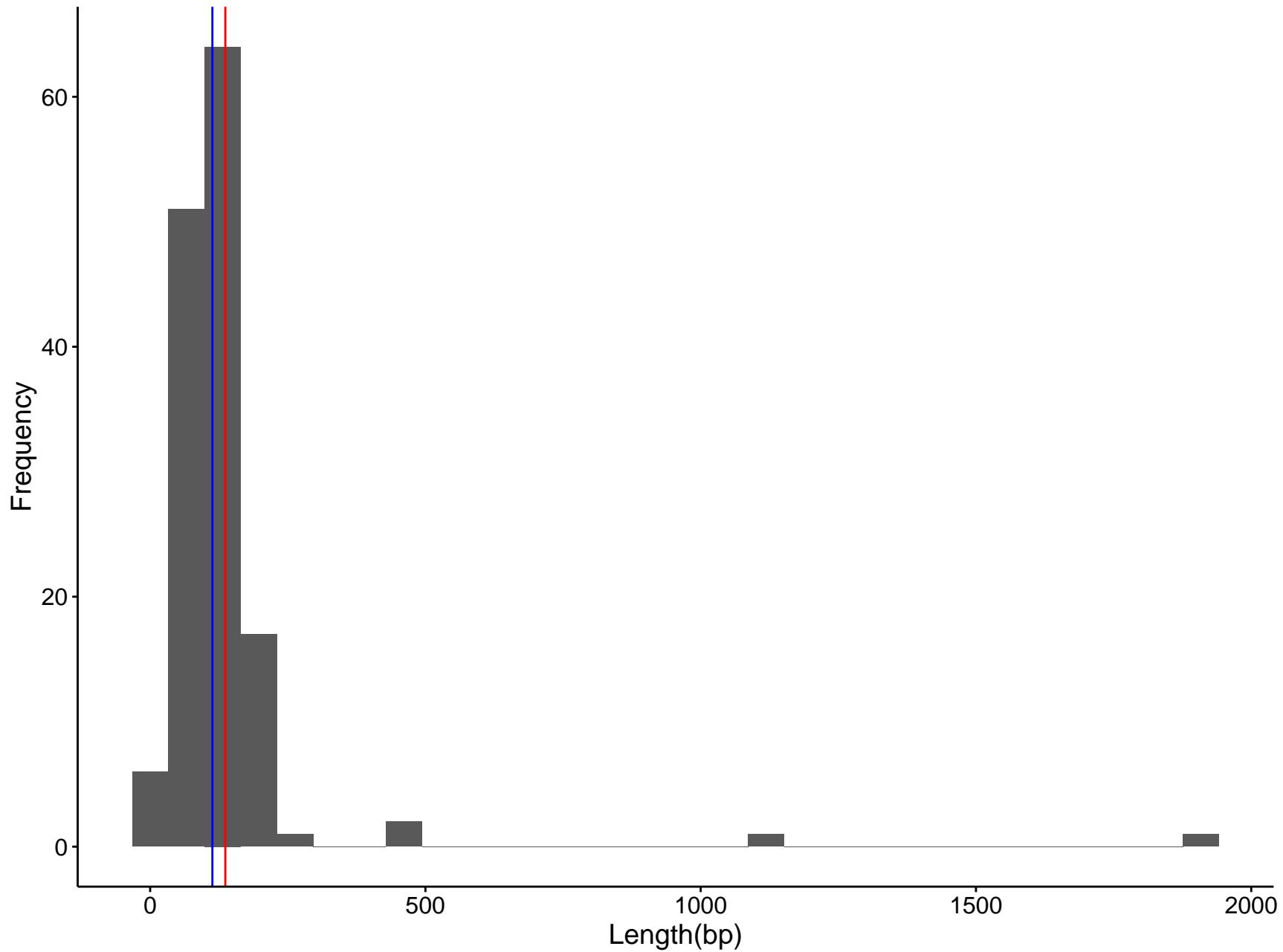
Cluster1524



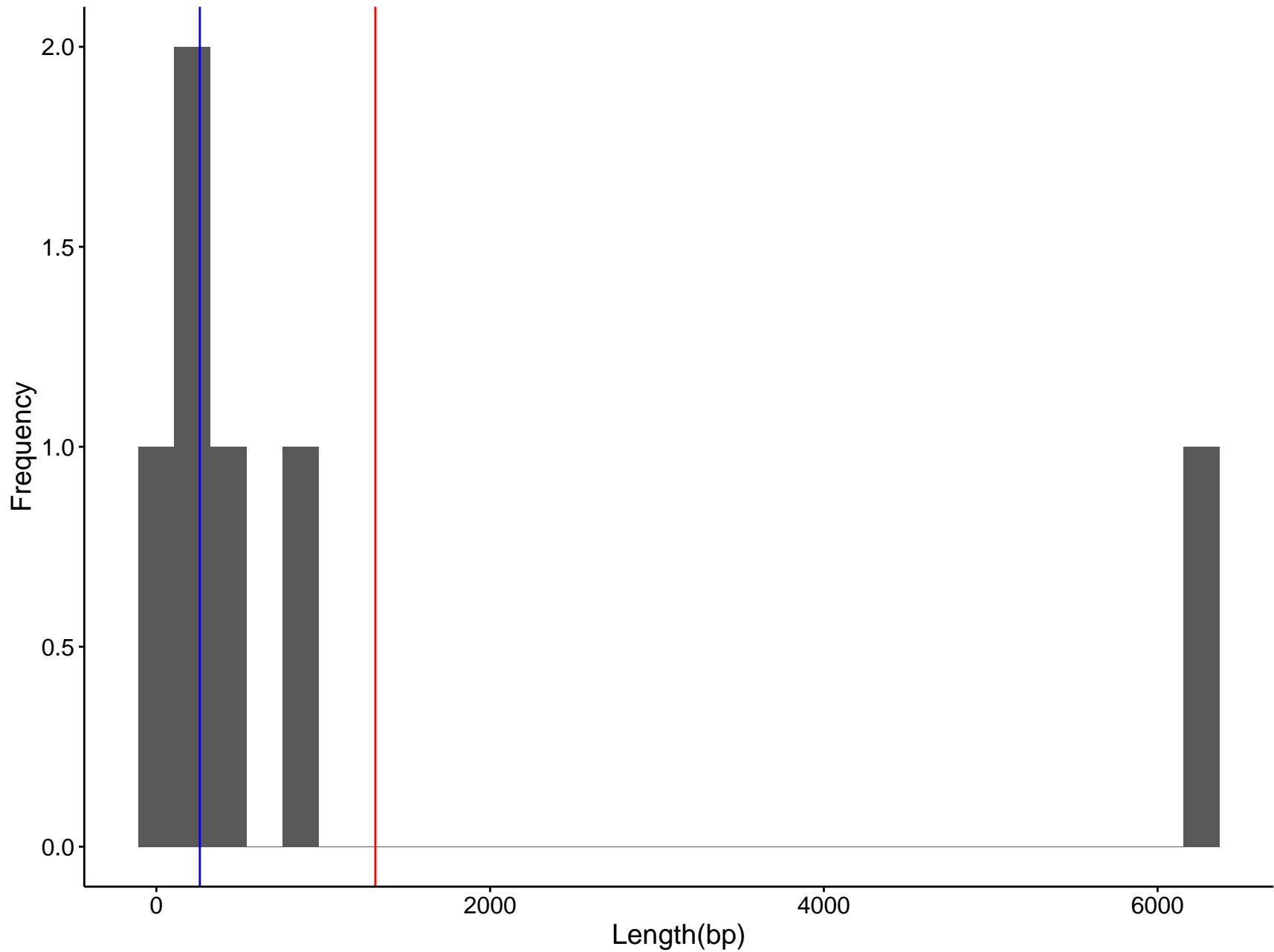
Cluster1525



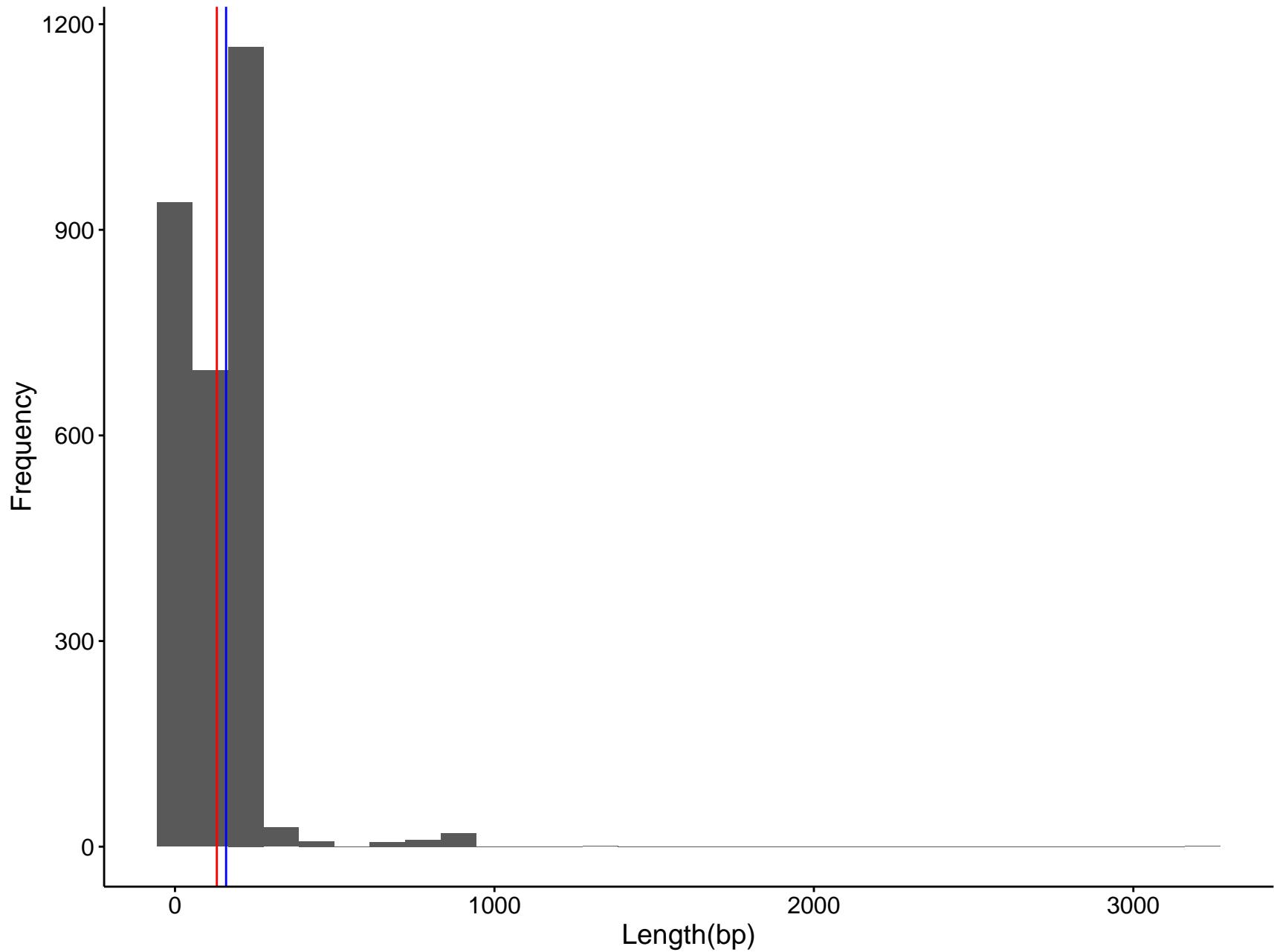
Cluster1526



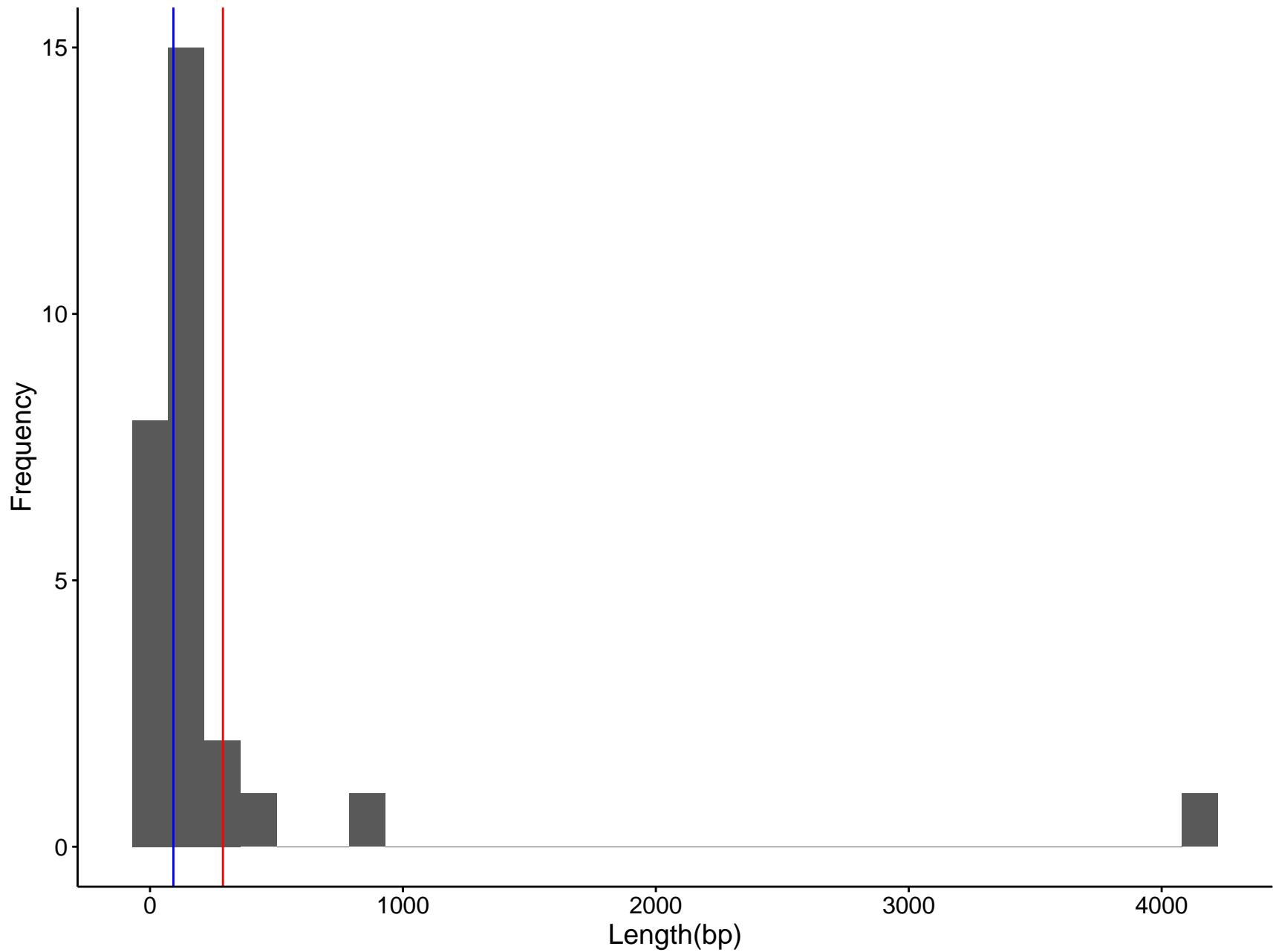
Cluster1527



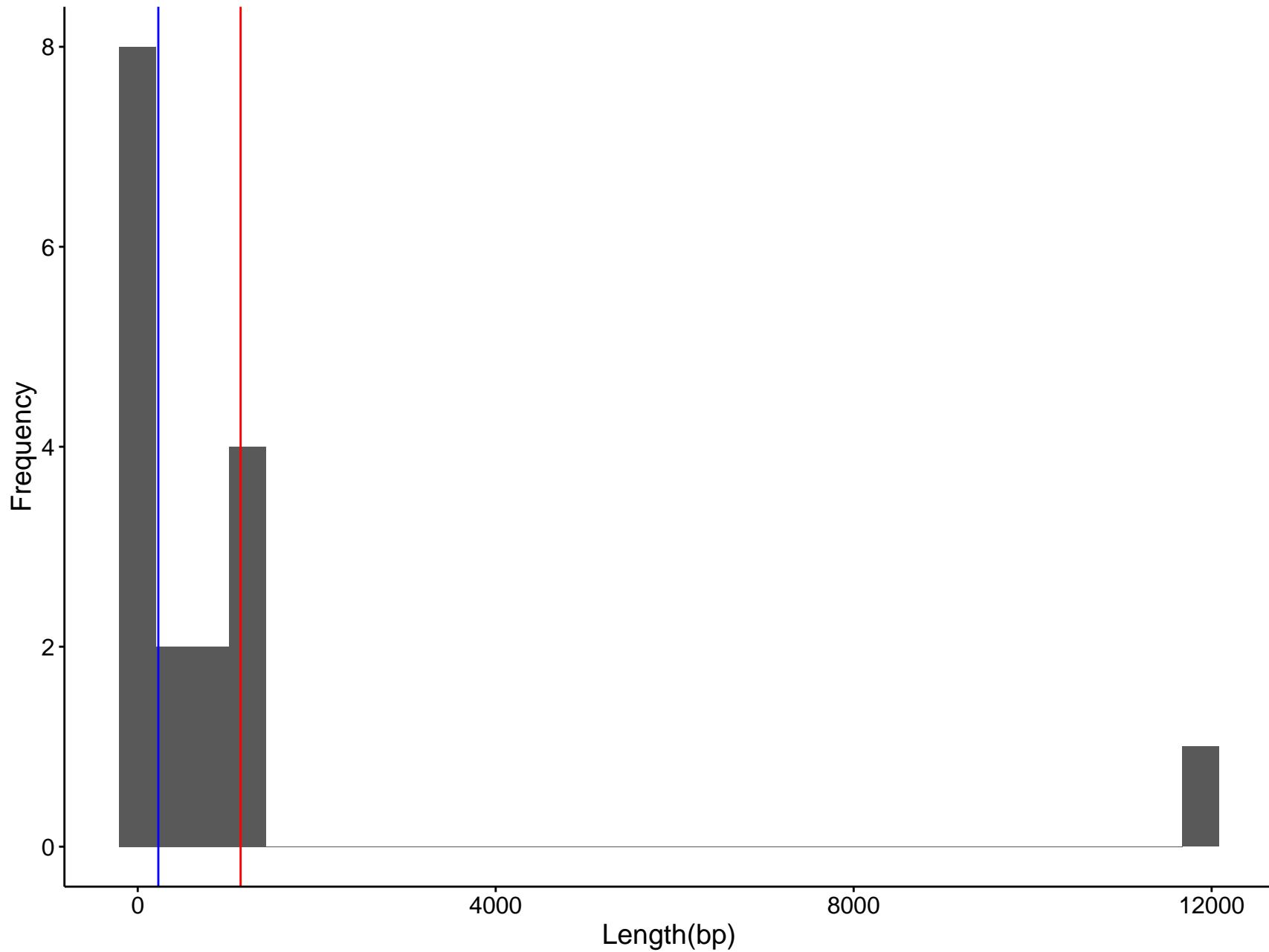
Cluster1528



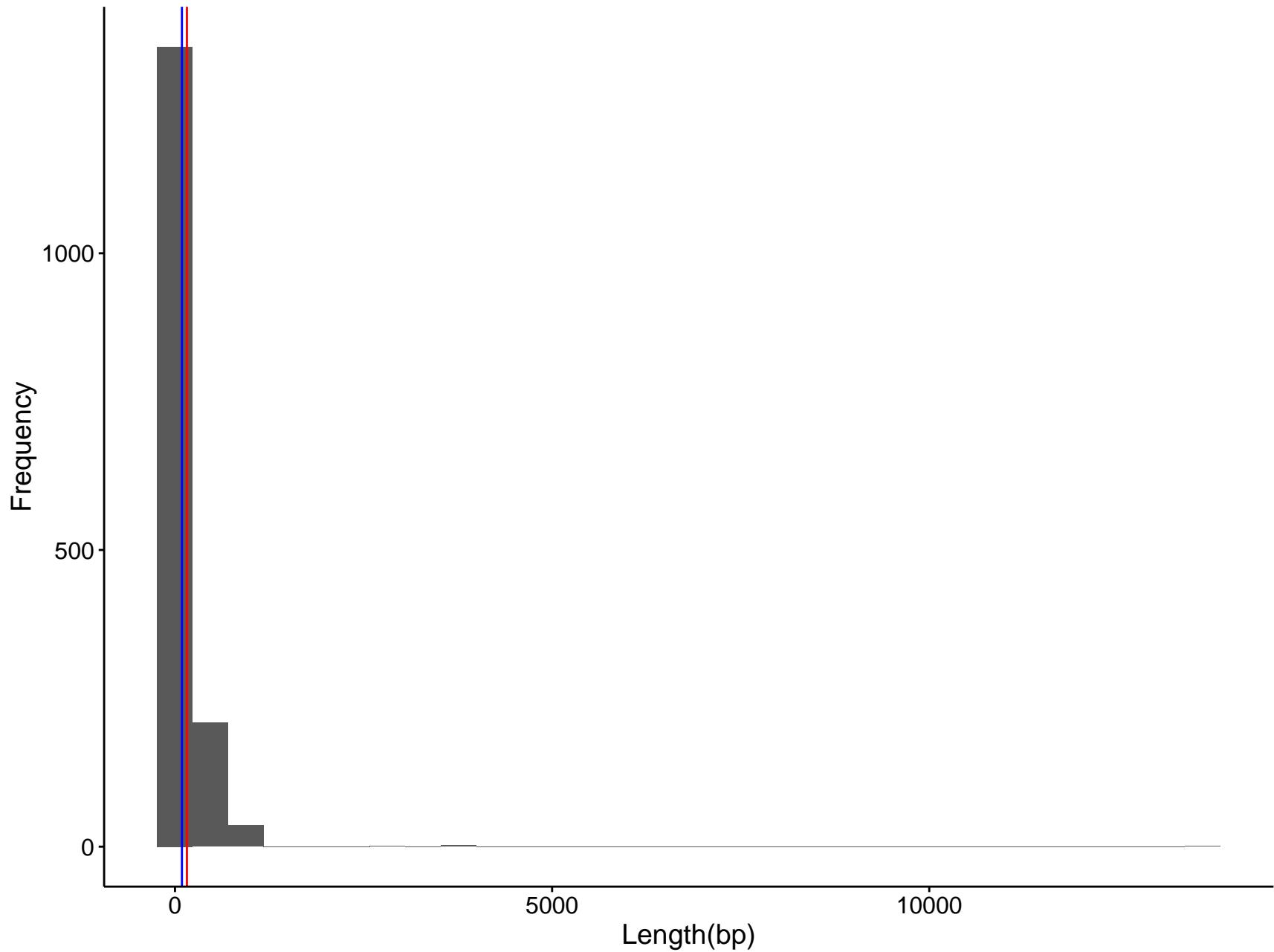
Cluster1529



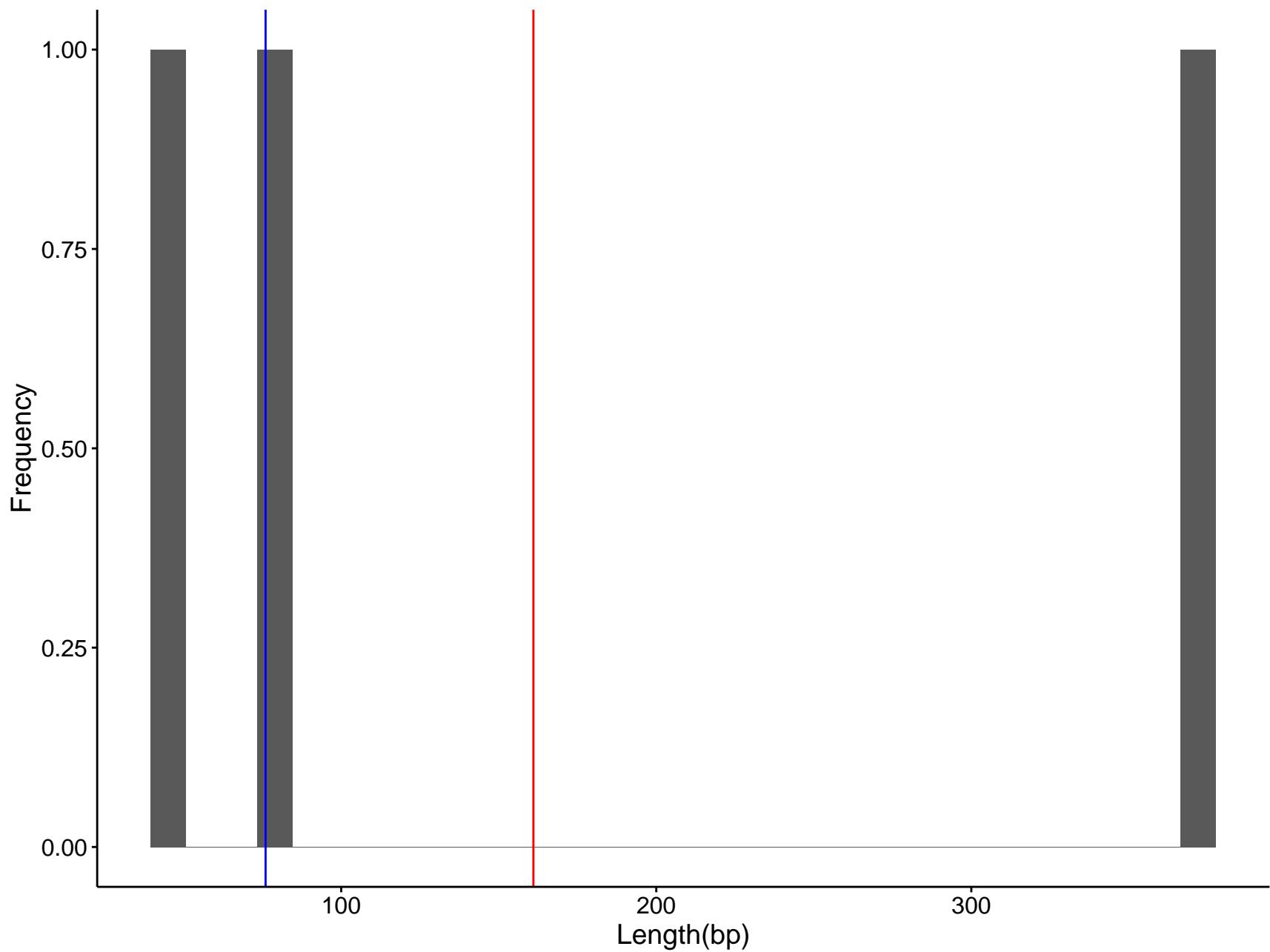
Cluster1530



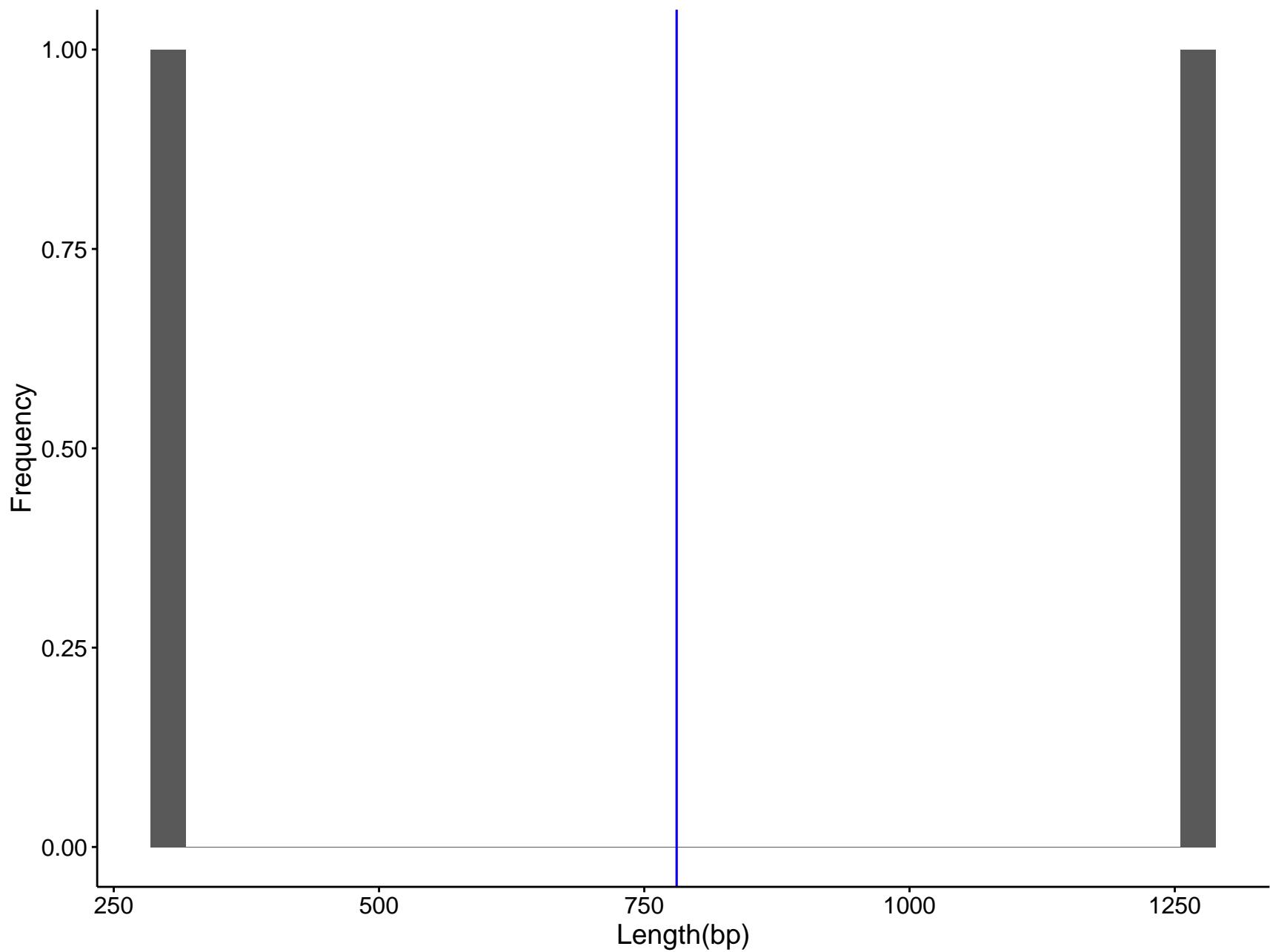
Cluster1531



Cluster1532



Cluster1533



Cluster1536

Frequency

807.950

807.975

808.000

808.025

Length(bp)



Cluster1537

Frequency

1080.950

1080.975

1081.000
Length(bp)

1081.025

1081.



Cluster1539

Frequency

873.950

873.975

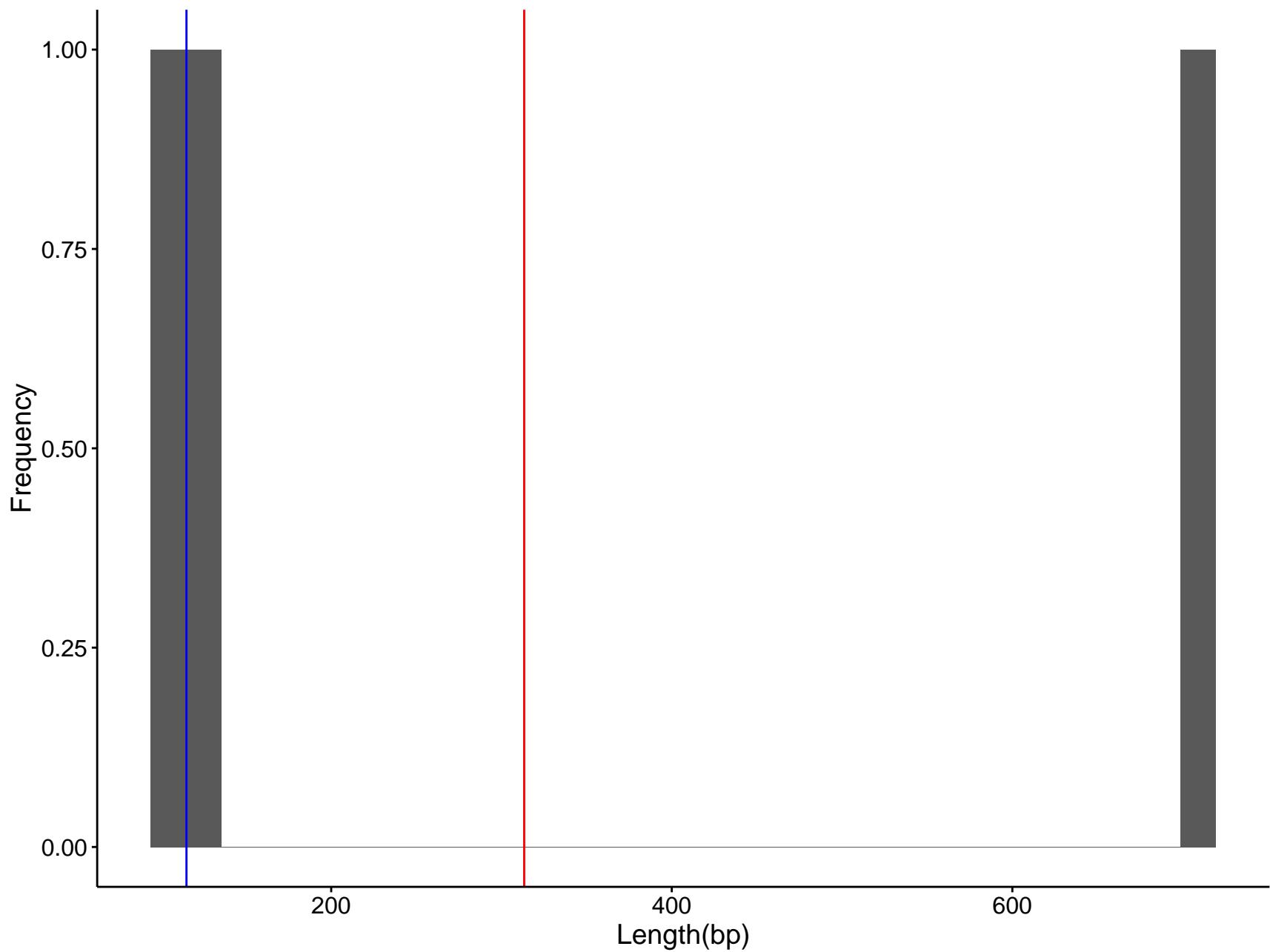
874.000

874.025

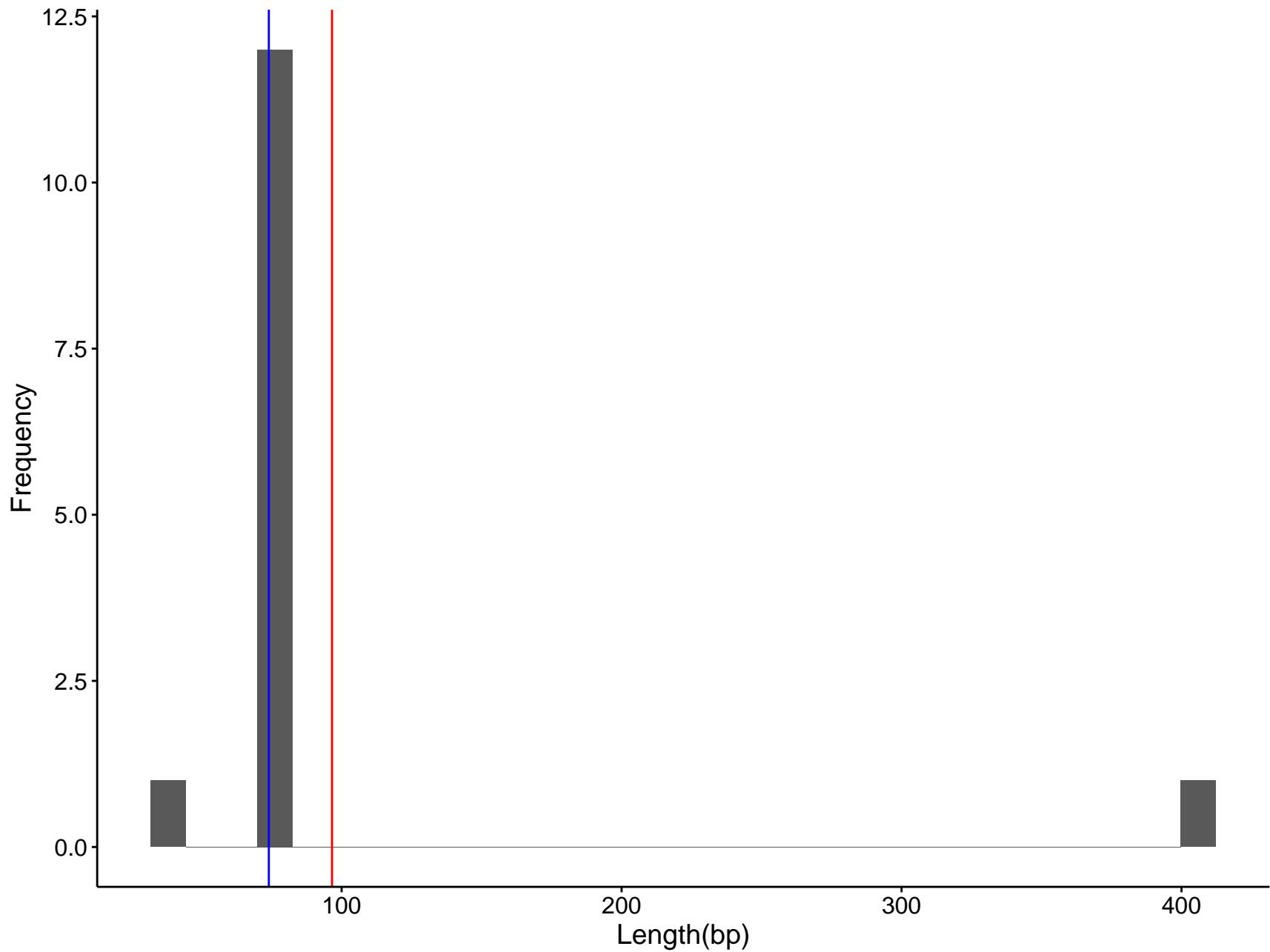
Length(bp)



Cluster1540



Cluster1541



Cluster1543

Frequency

660.950

660.975

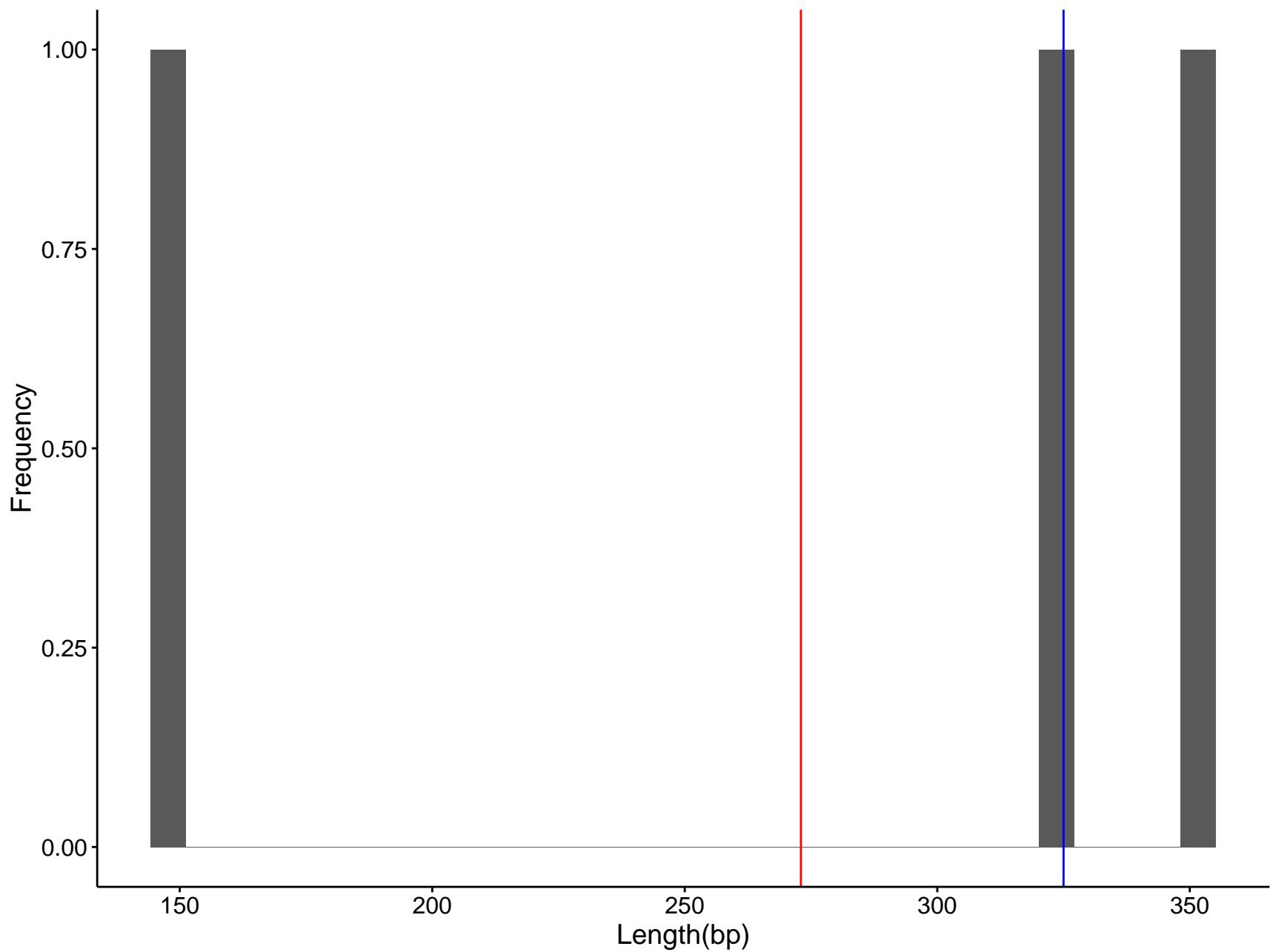
661.000

661.025

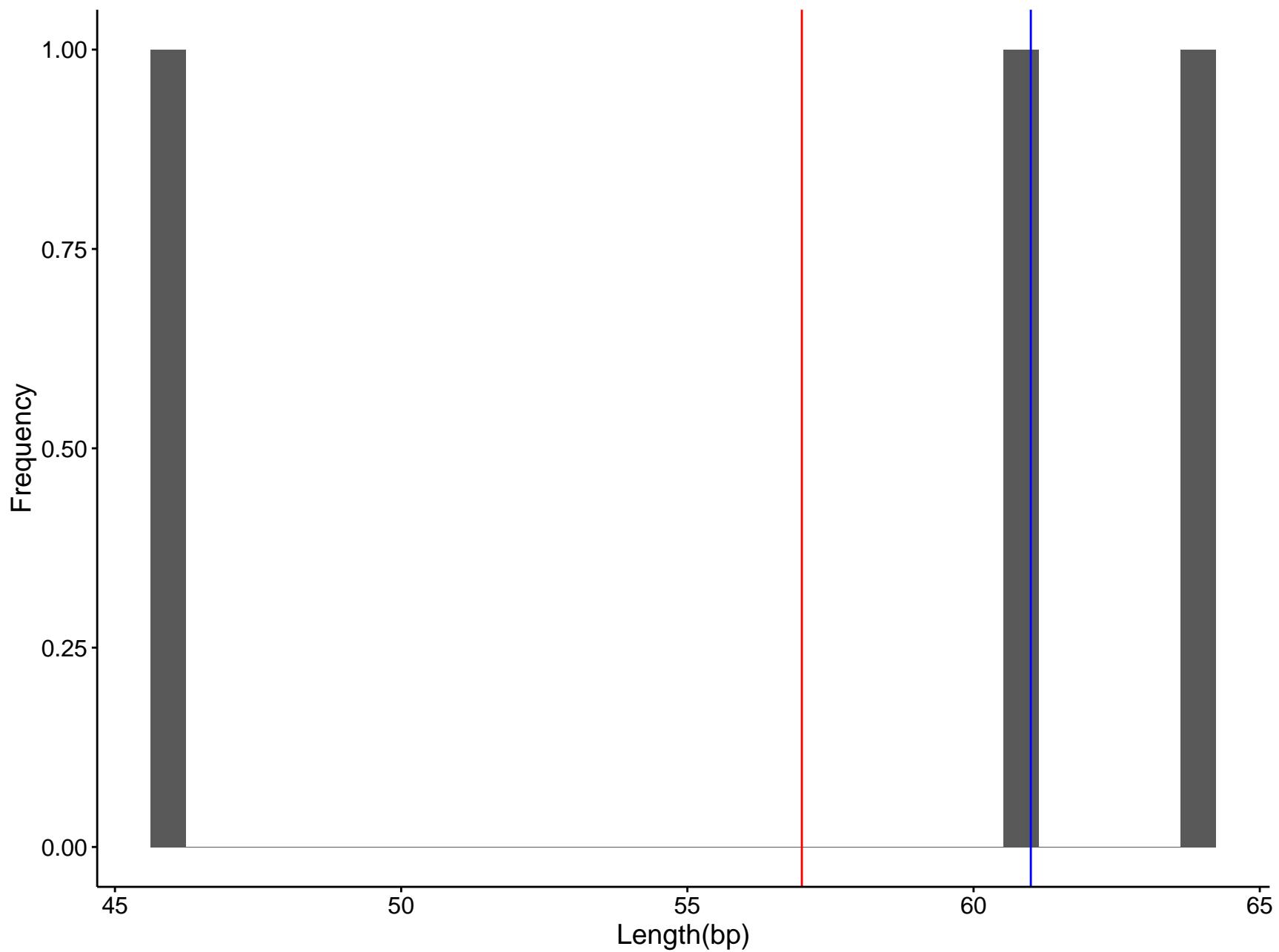
Length(bp)



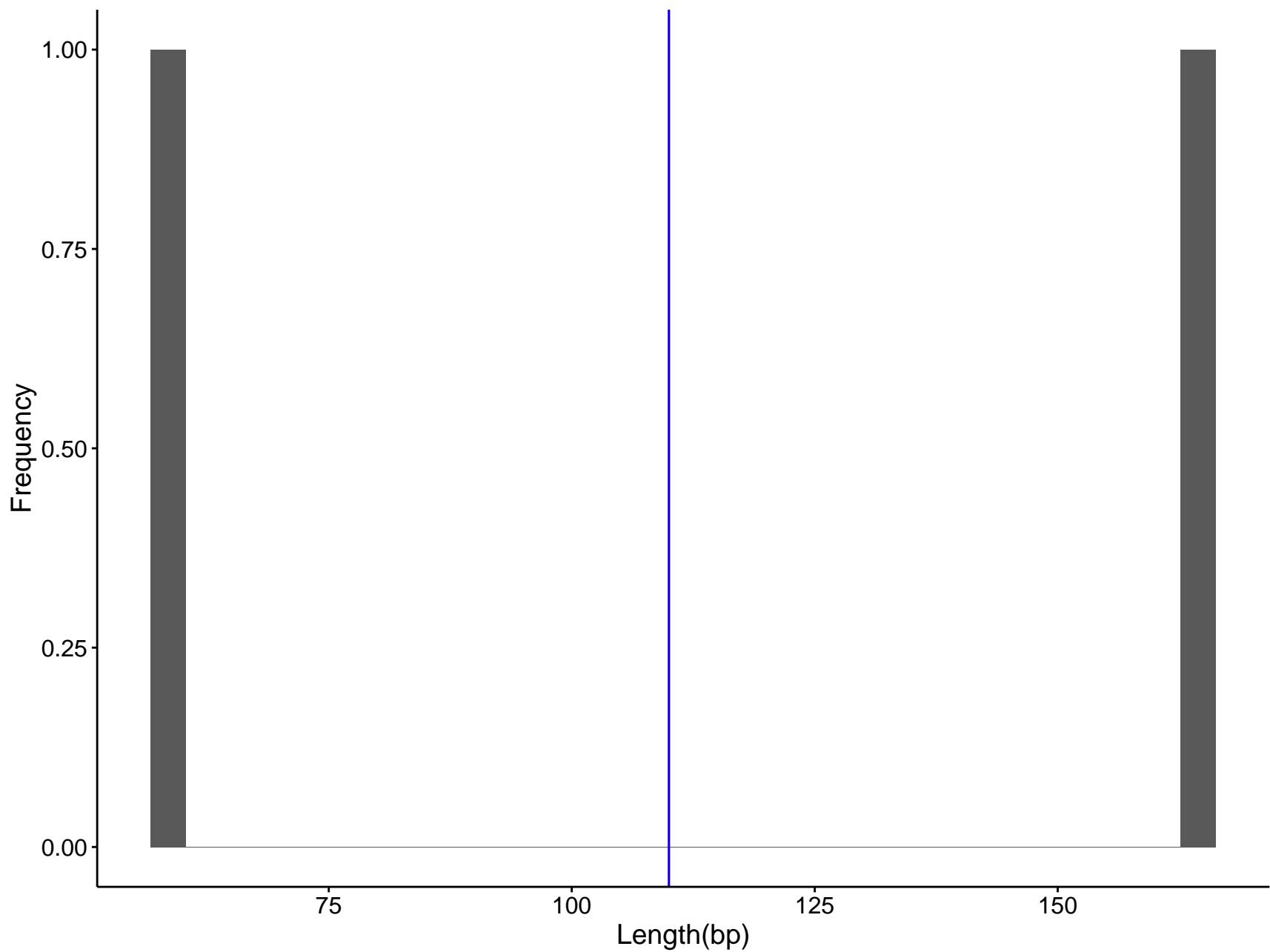
Cluster1544



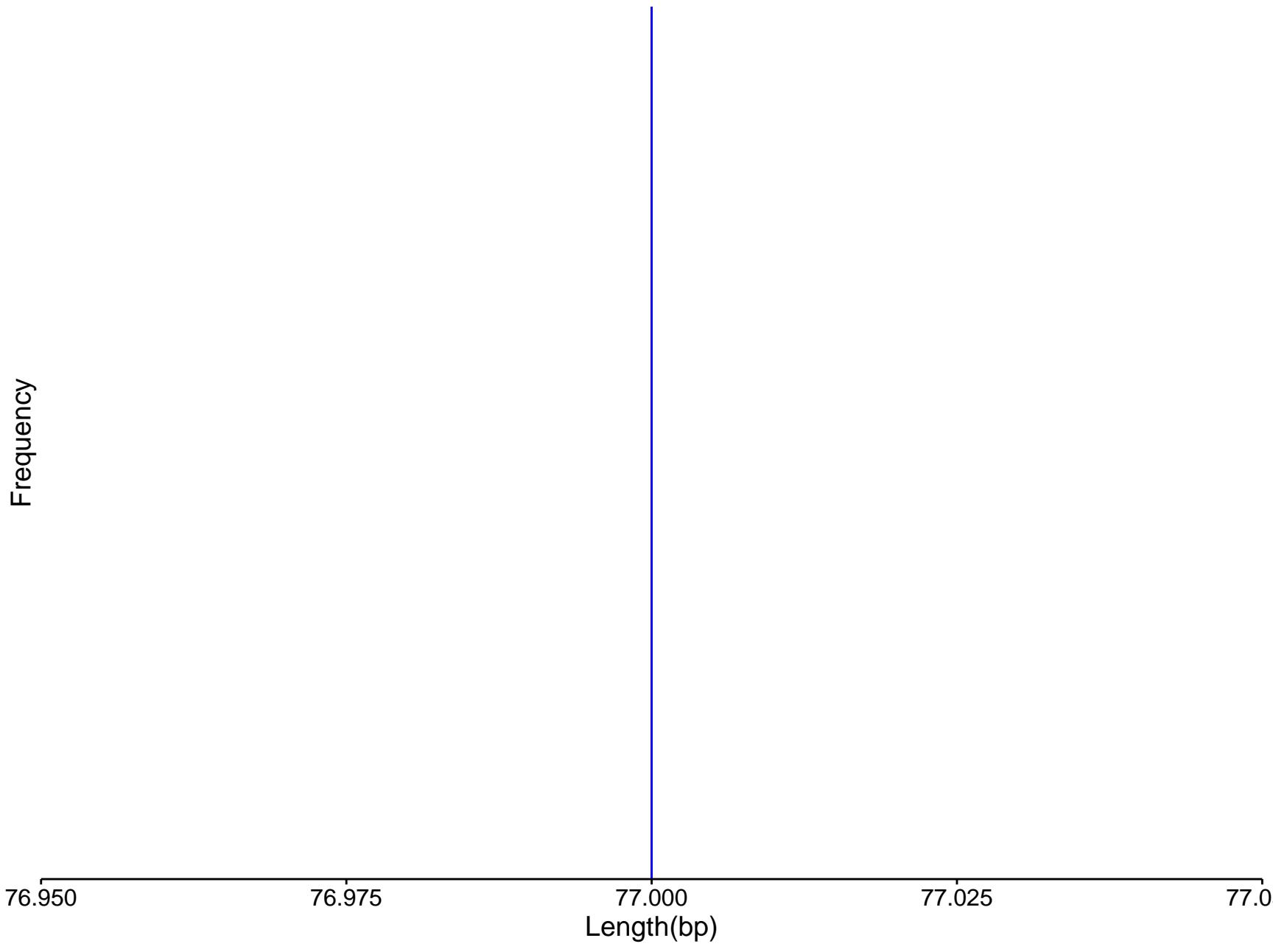
Cluster1545



Cluster1547



Cluster1548



Cluster1549

Frequency

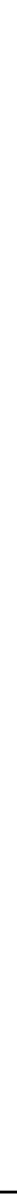
49.950

49.975

50.000

50.025

Length(bp)



Cluster154

Frequency

318.950

318.975

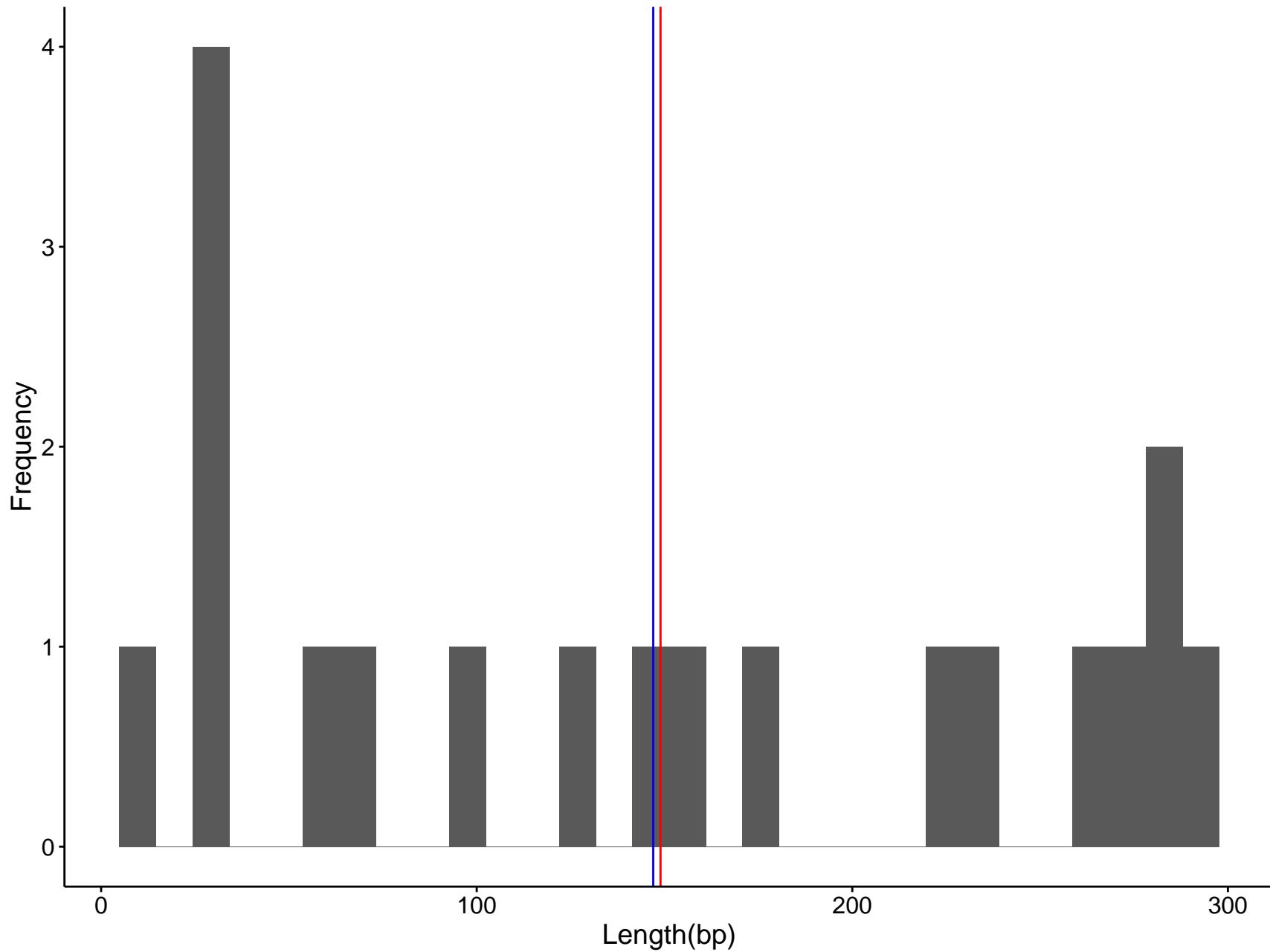
319.000

319.025

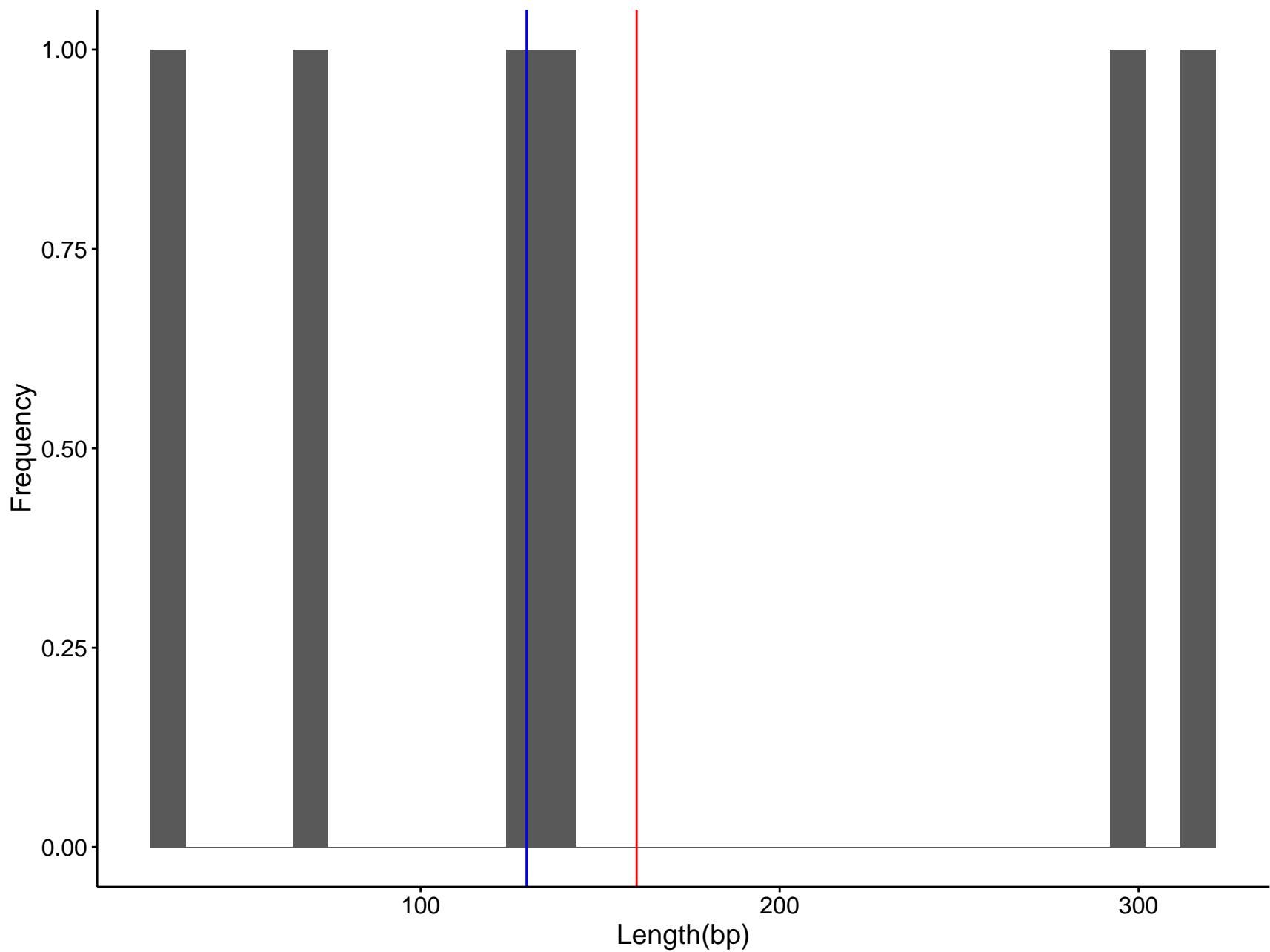
Length(bp)



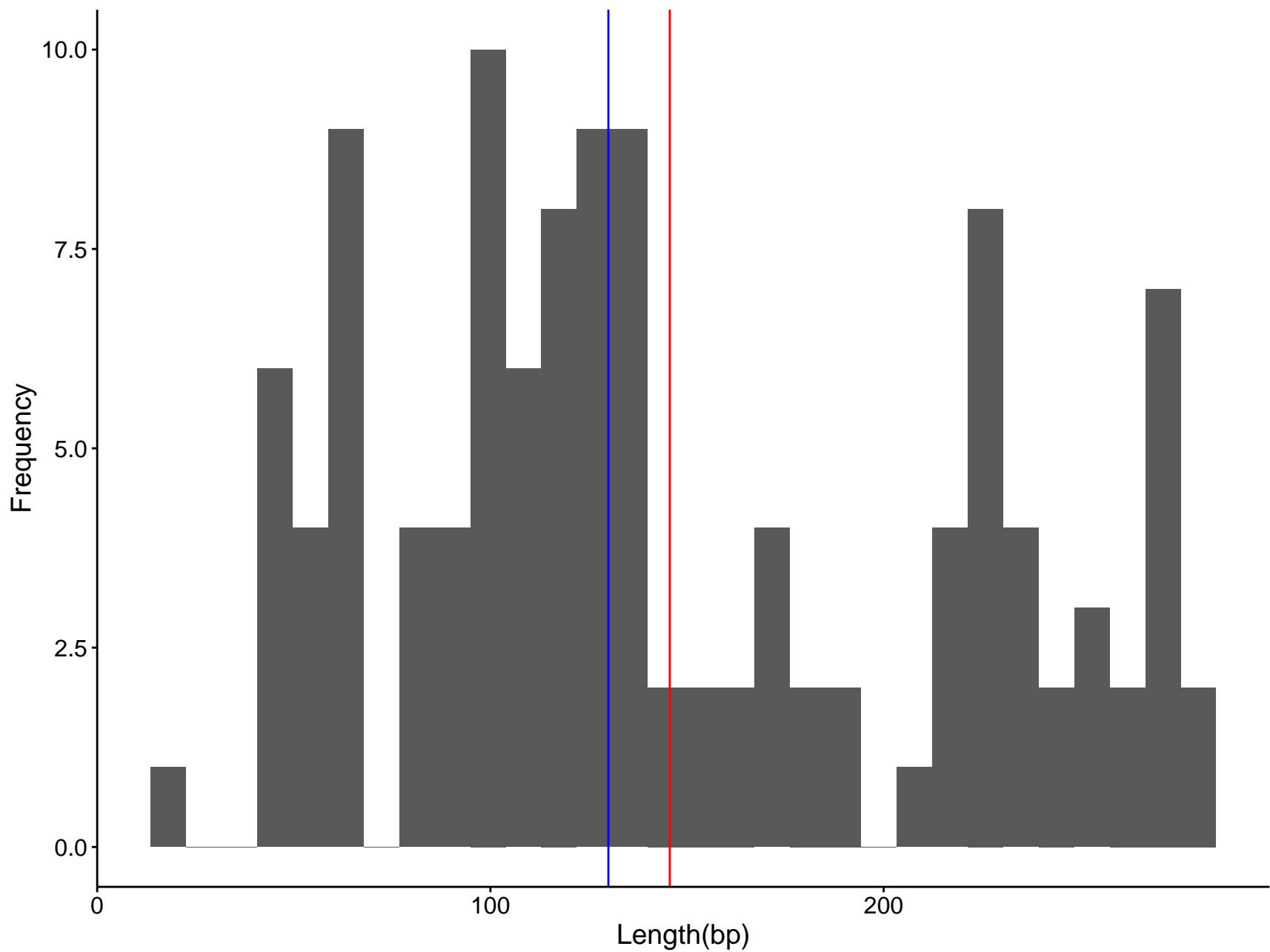
Cluster1550



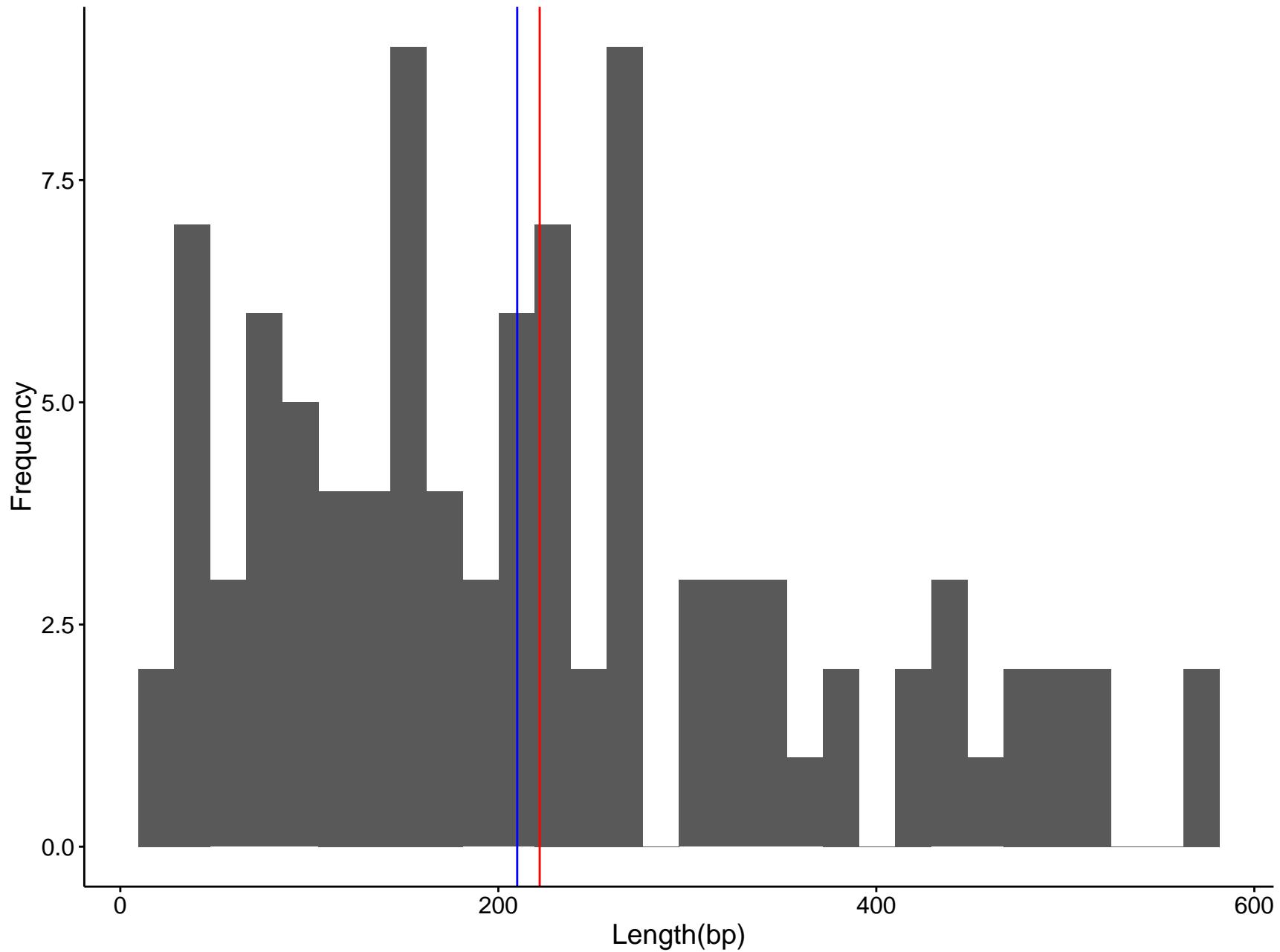
Cluster1551



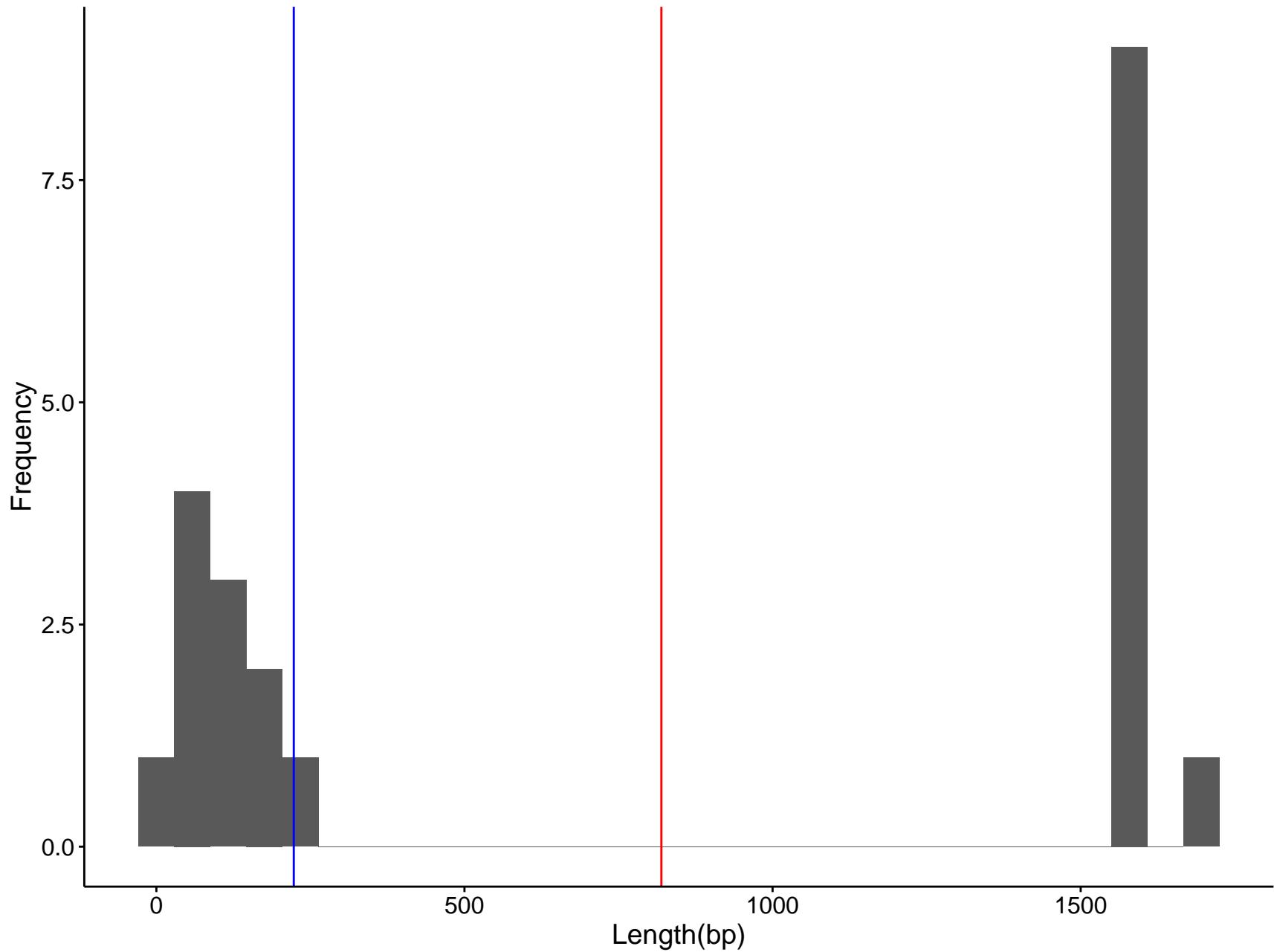
Cluster1553



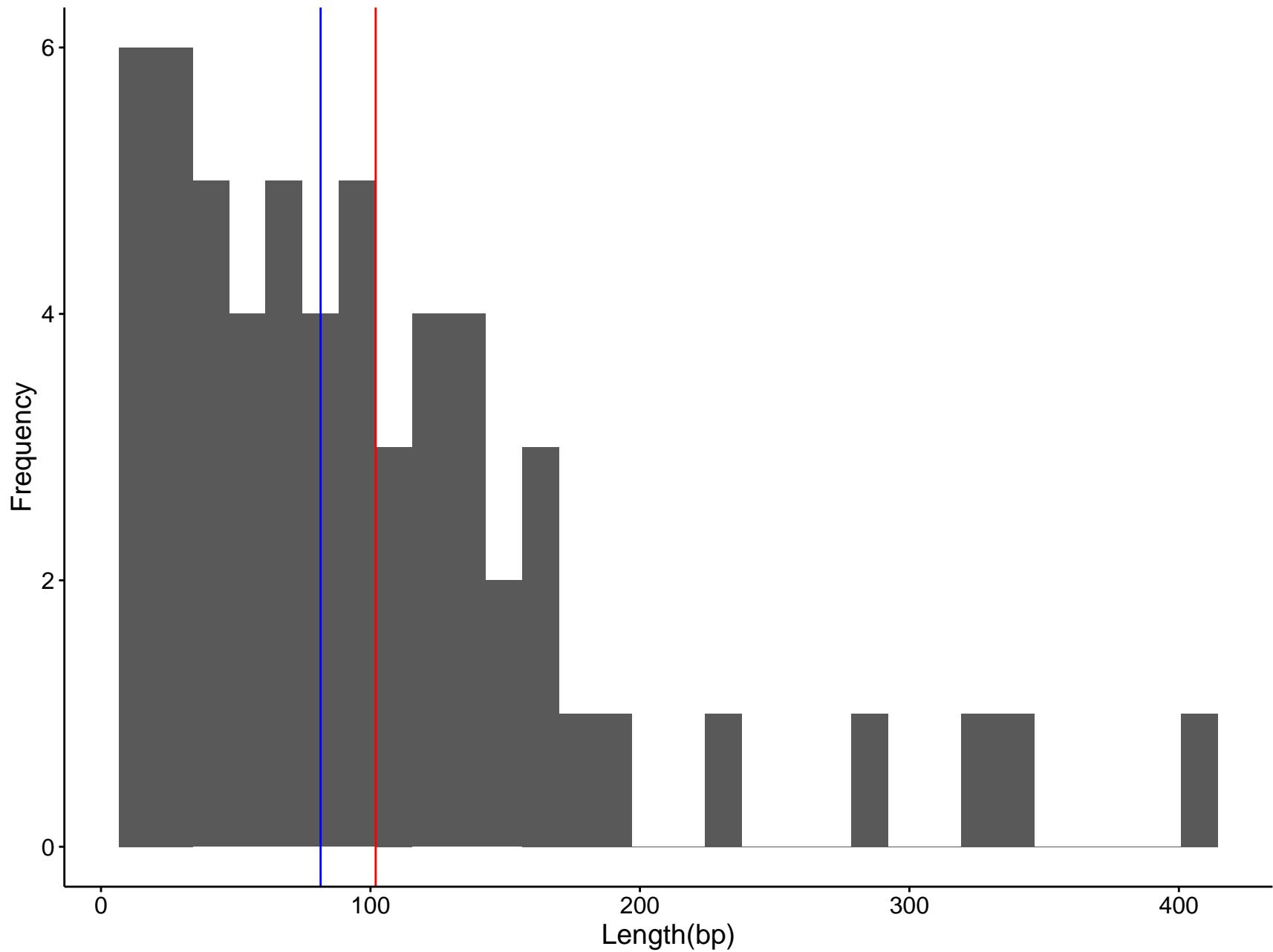
Cluster1554



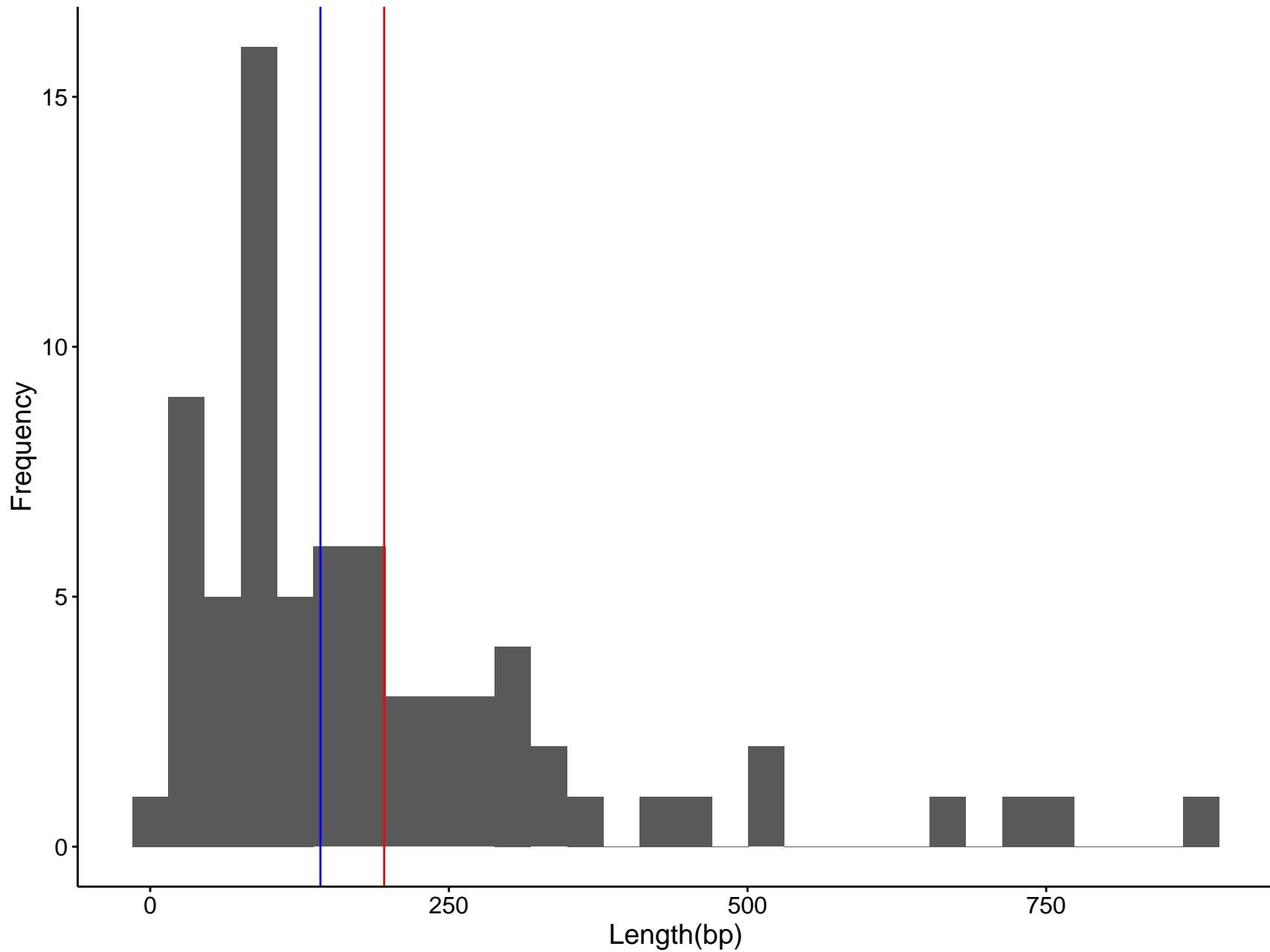
Cluster1555



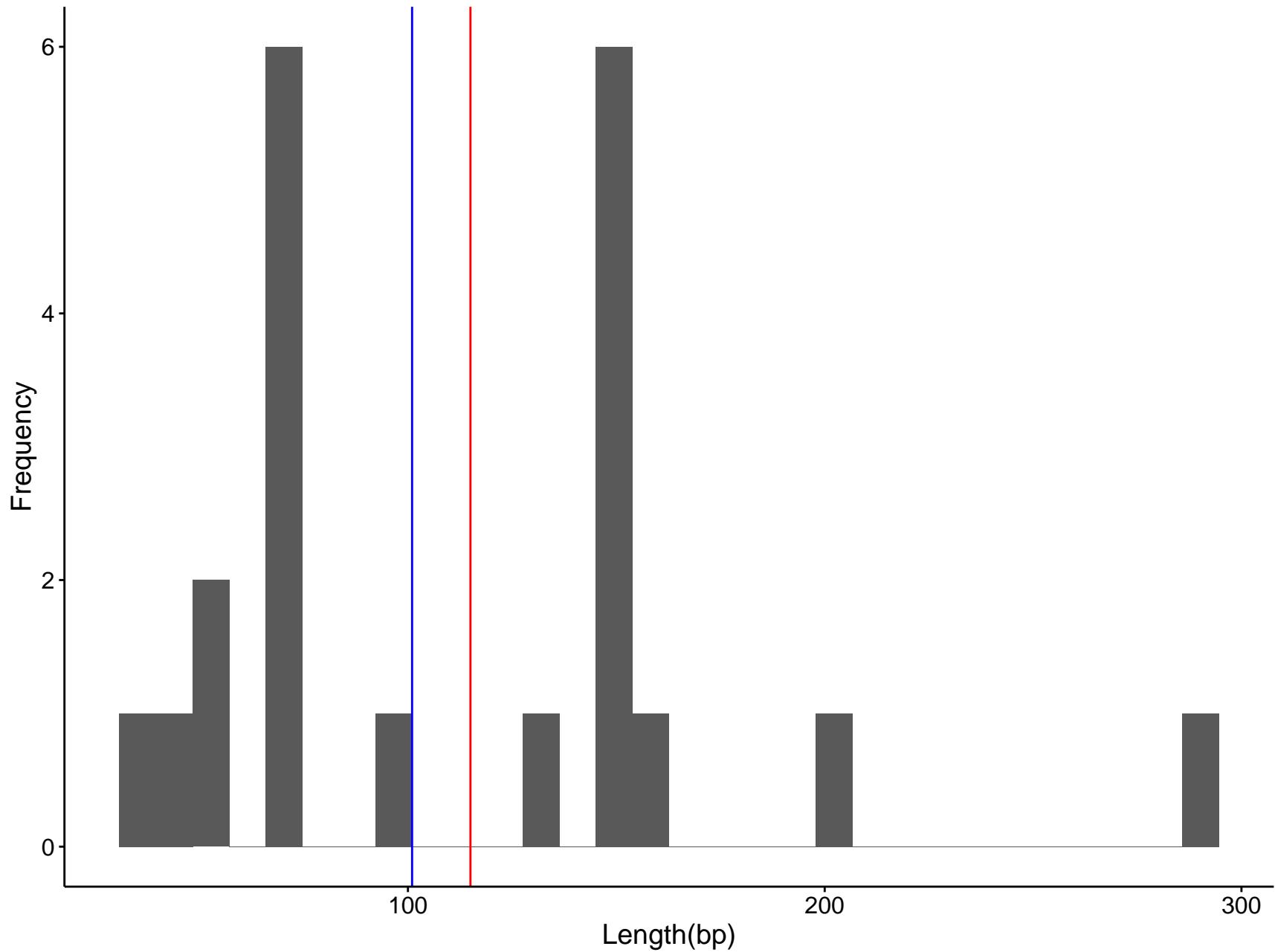
Cluster1556



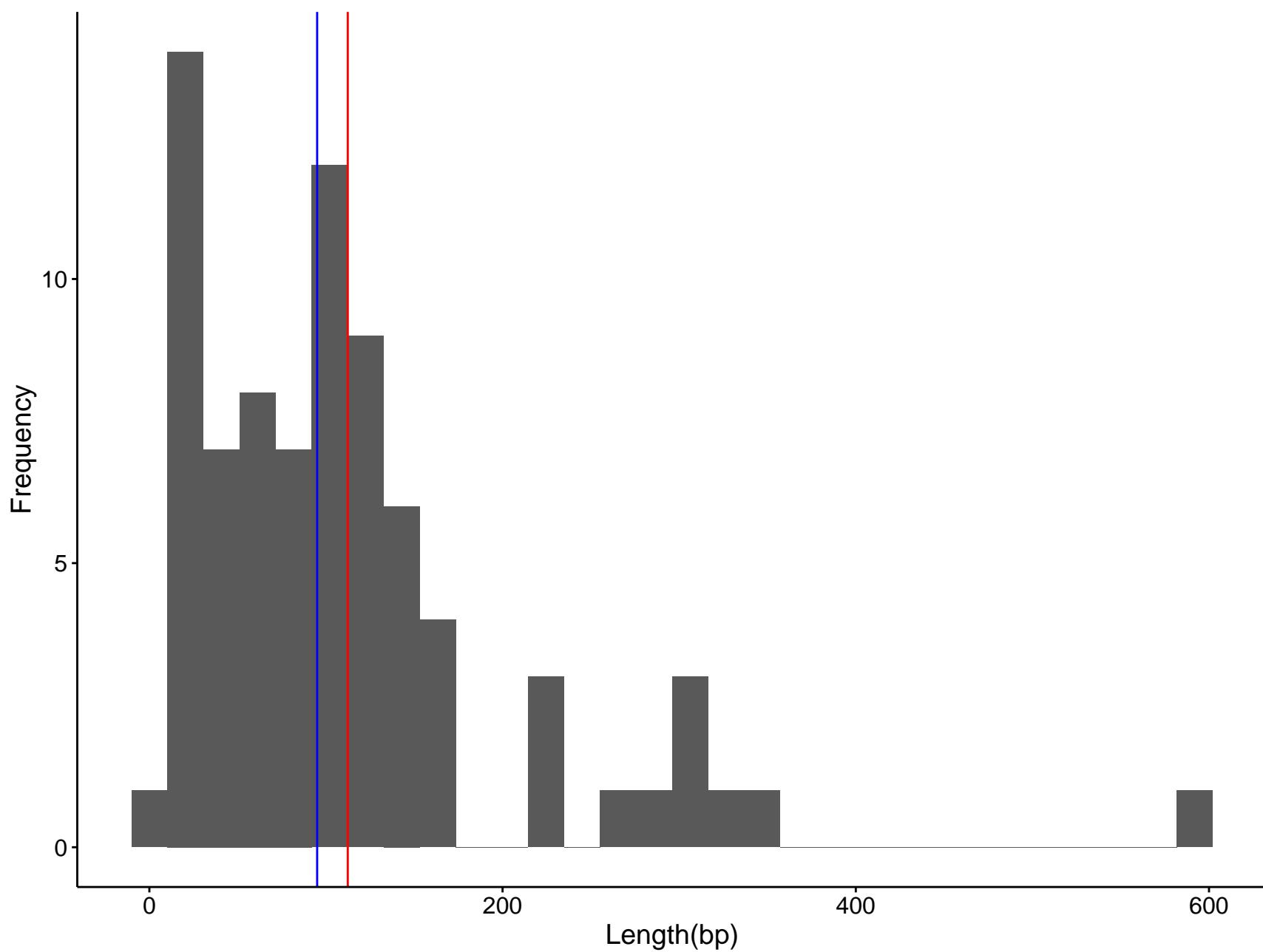
Cluster1557



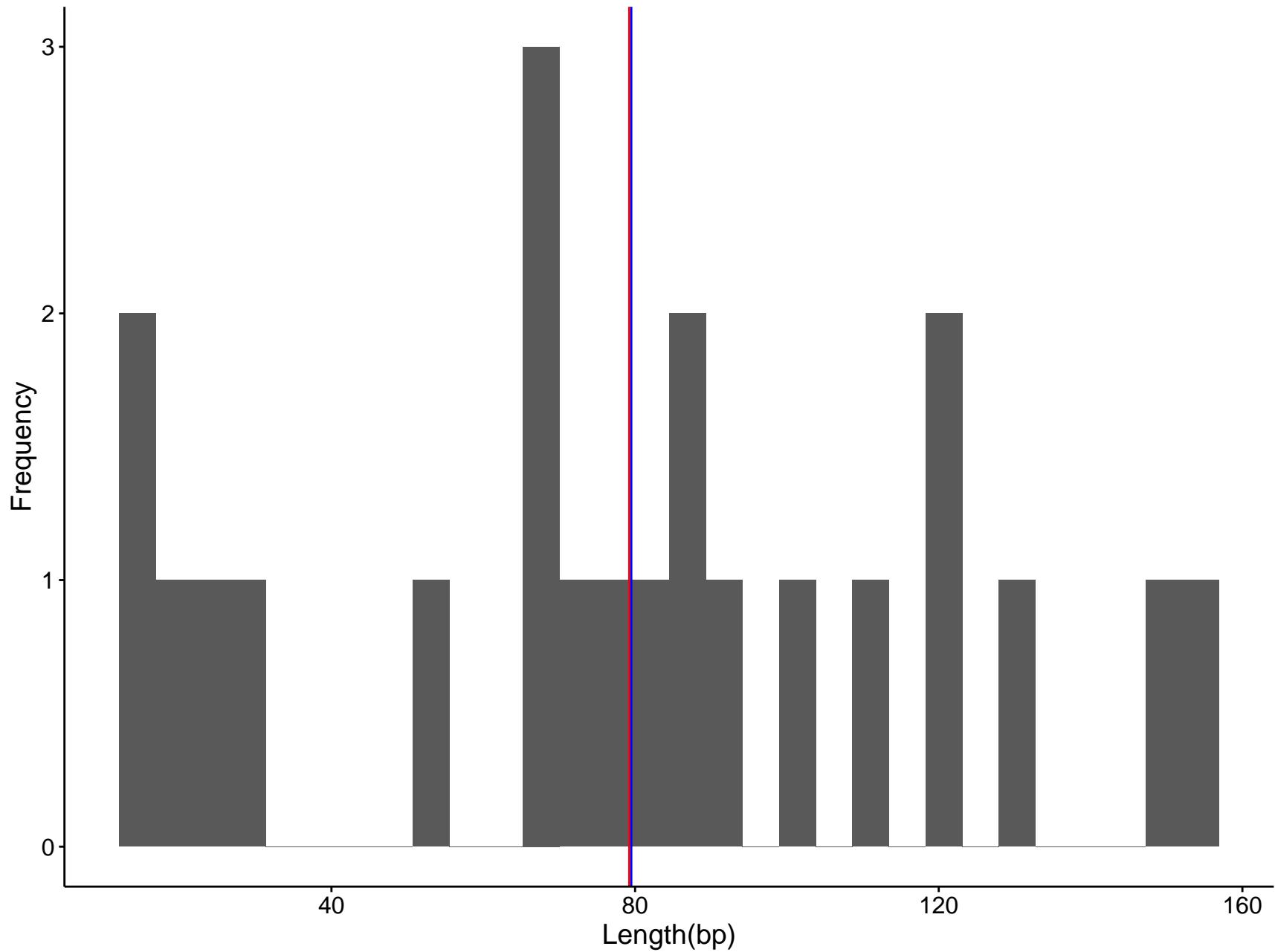
Cluster1558



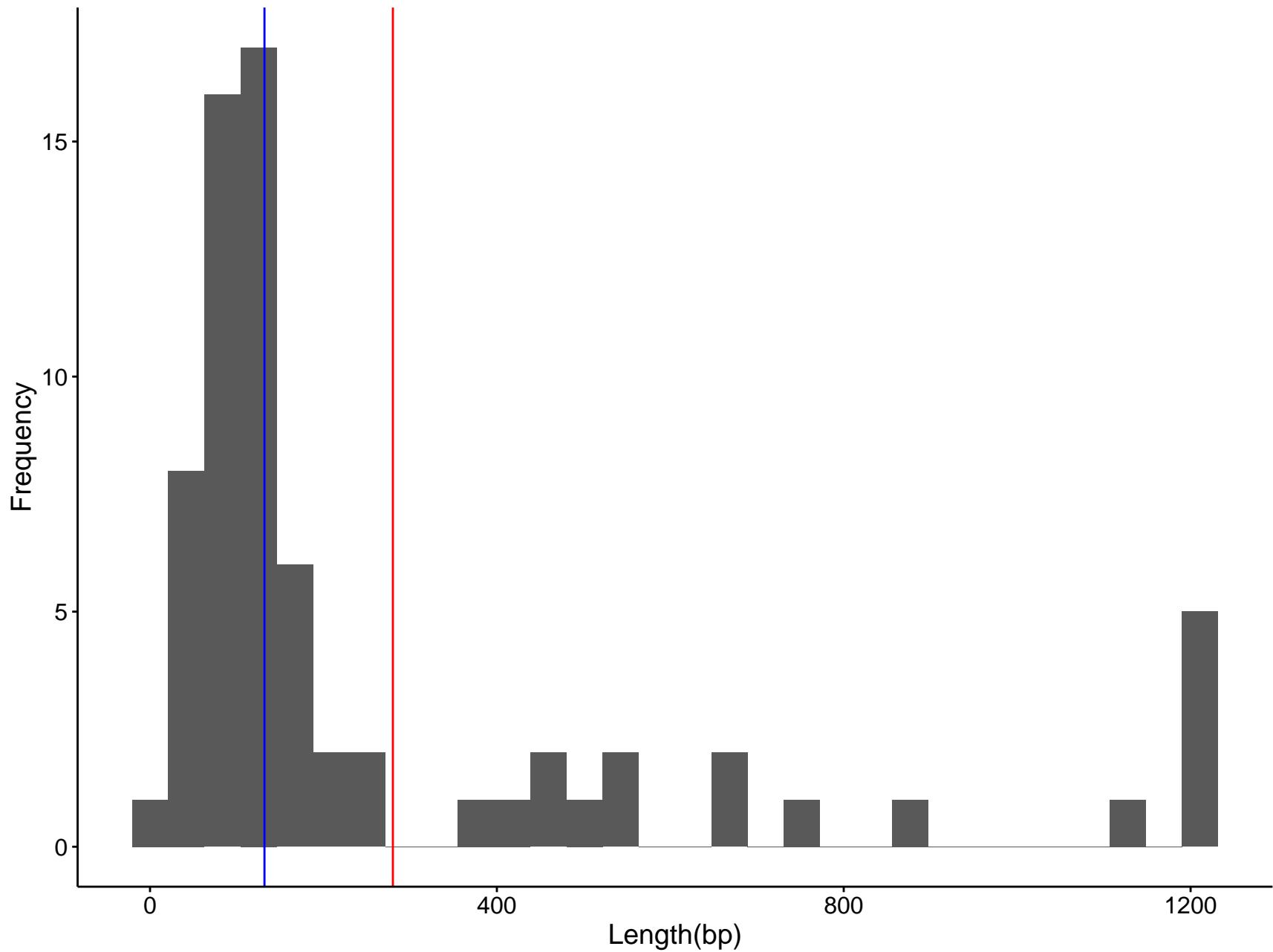
Cluster1559



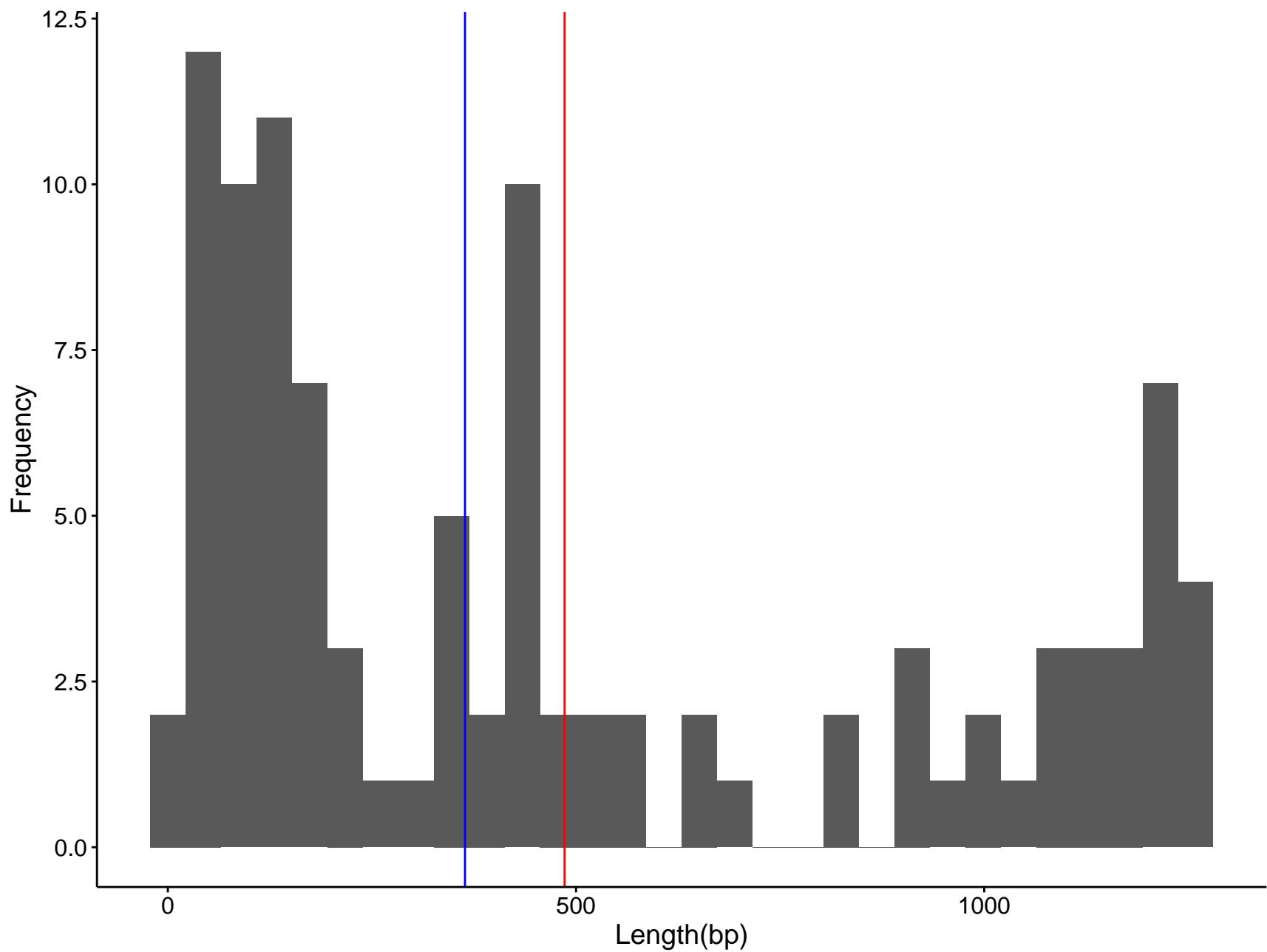
Cluster1560



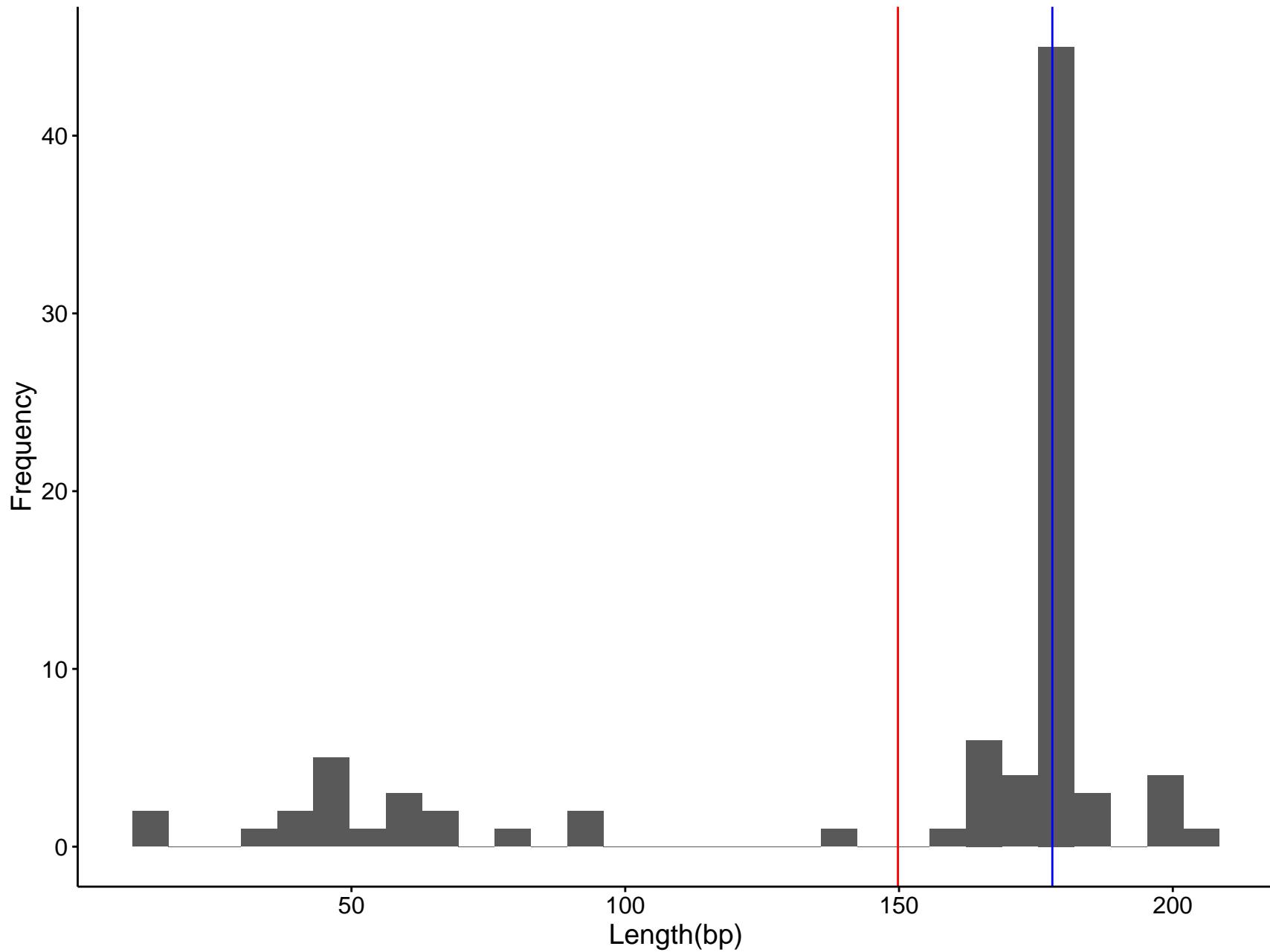
Cluster1561



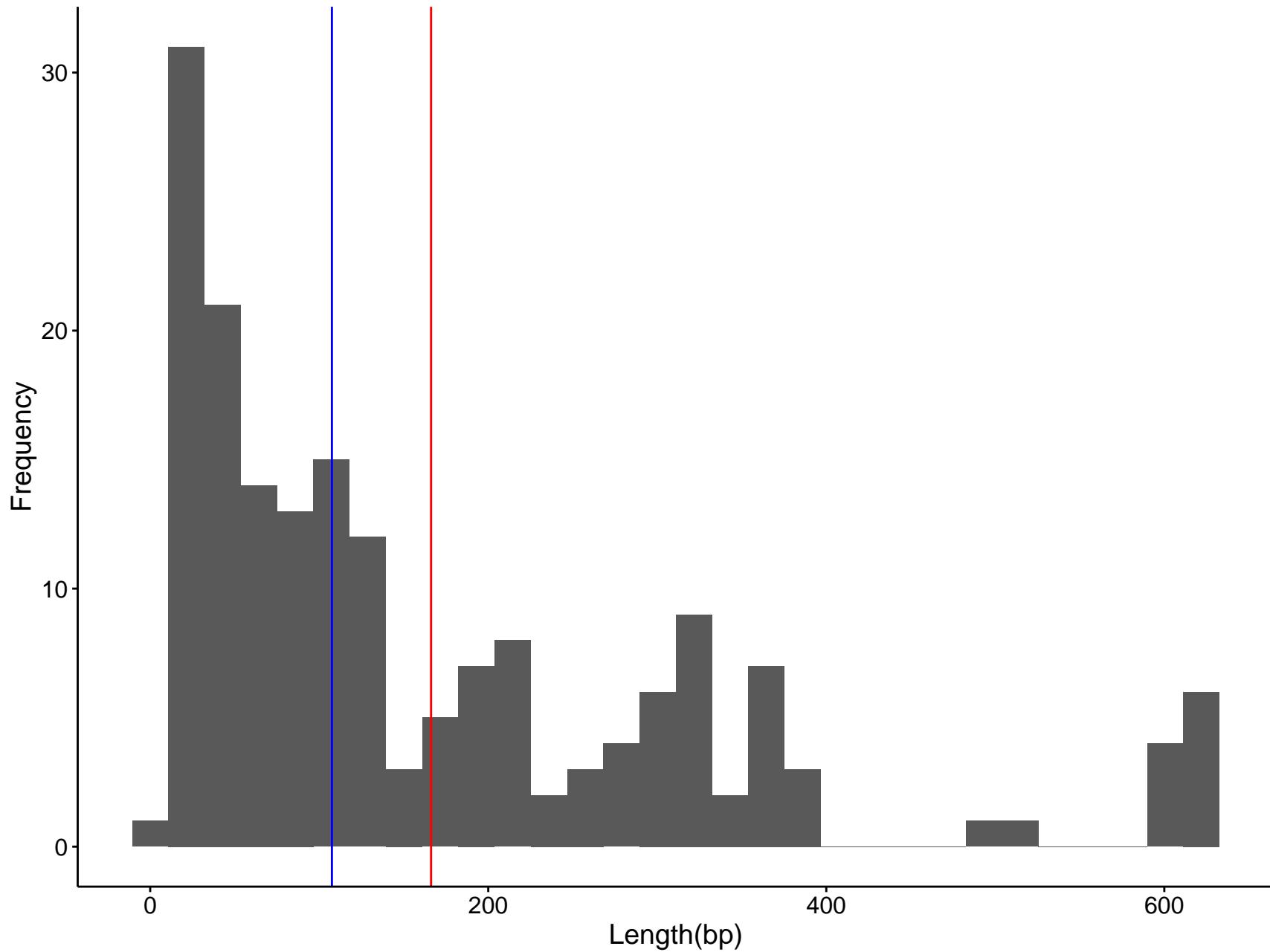
Cluster1562



Cluster1563



Cluster1564



Cluster1572

Frequency

89.950

89.975

90.000

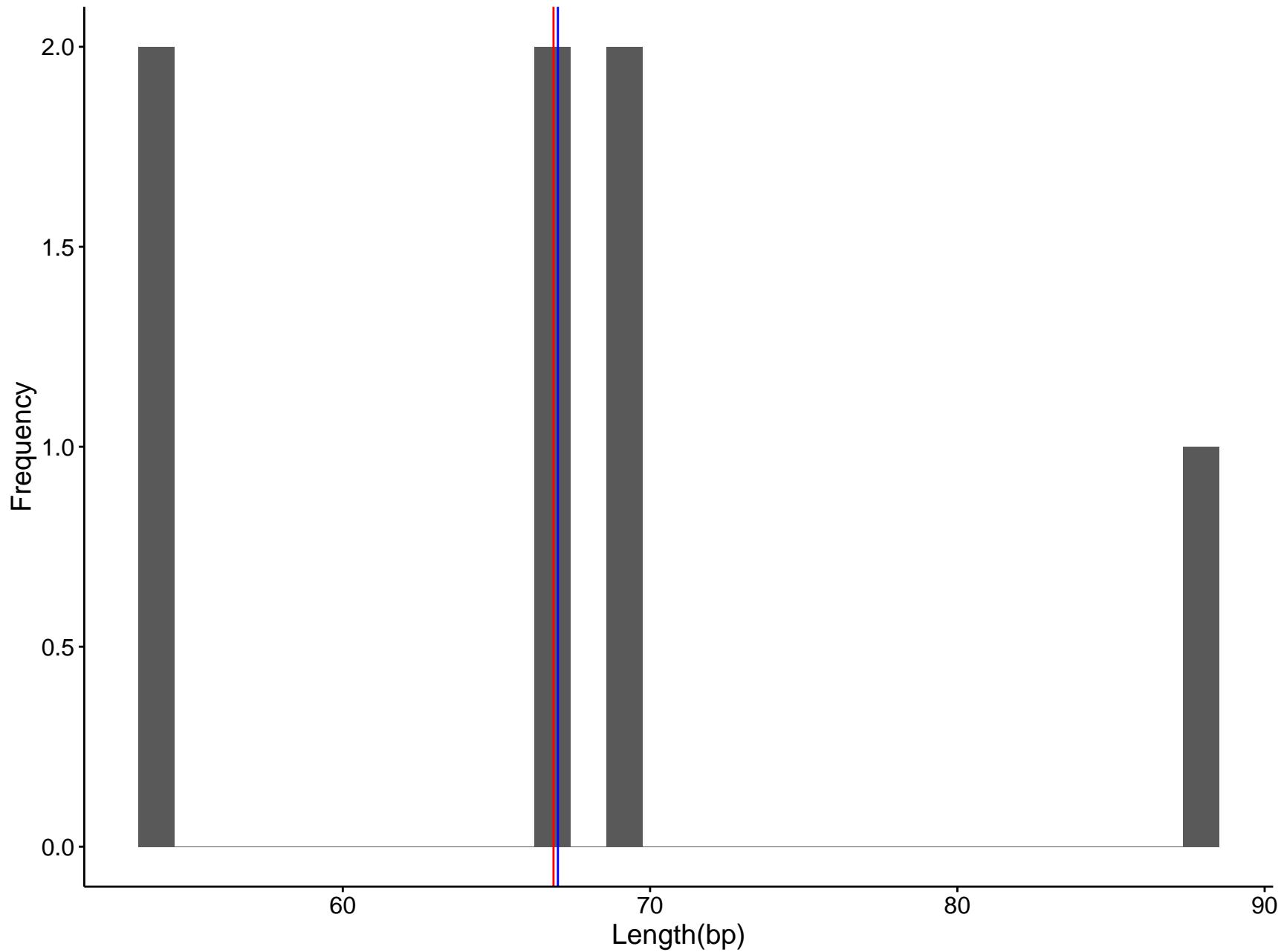
90.025

90.0

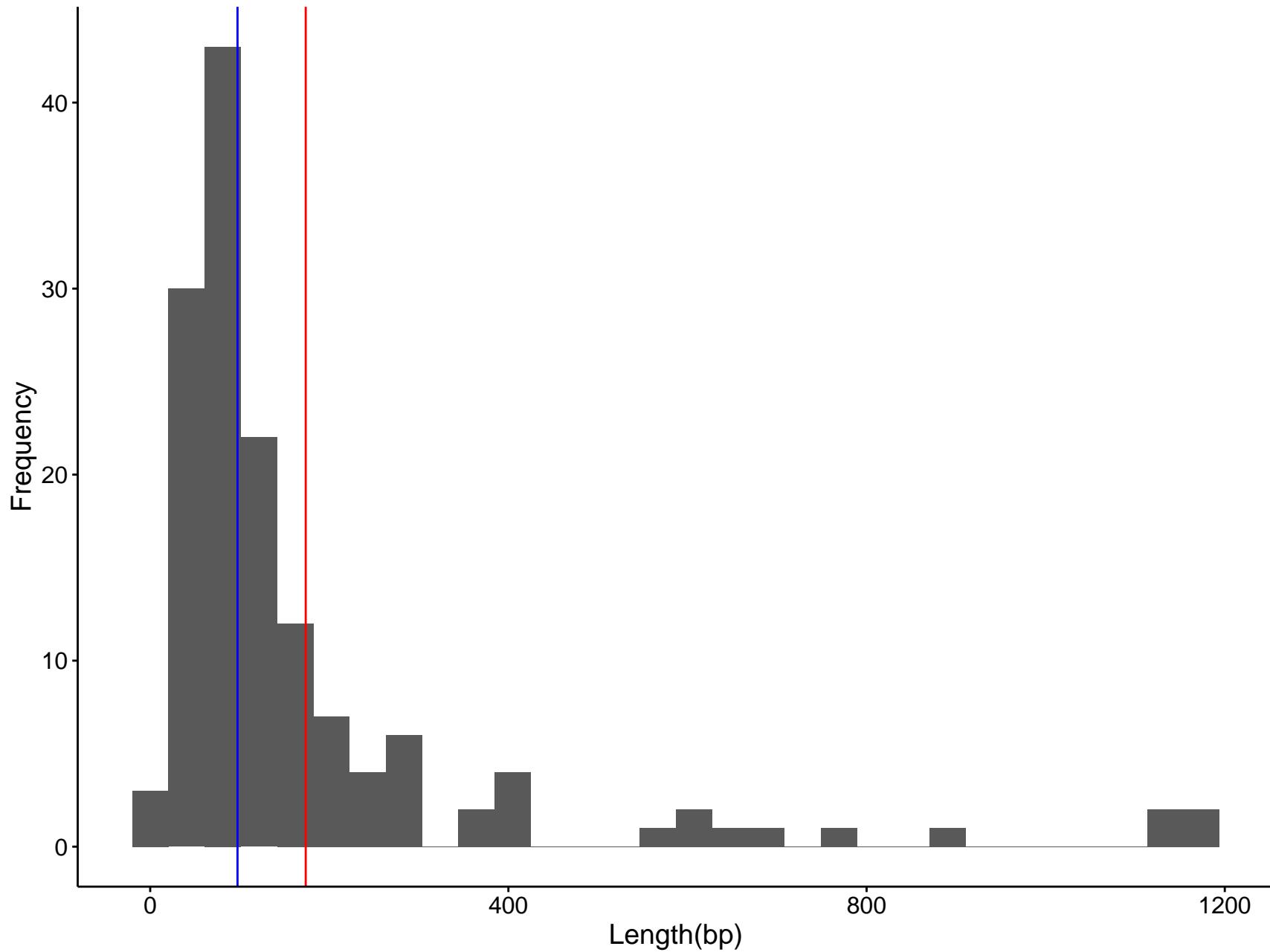
Length(bp)



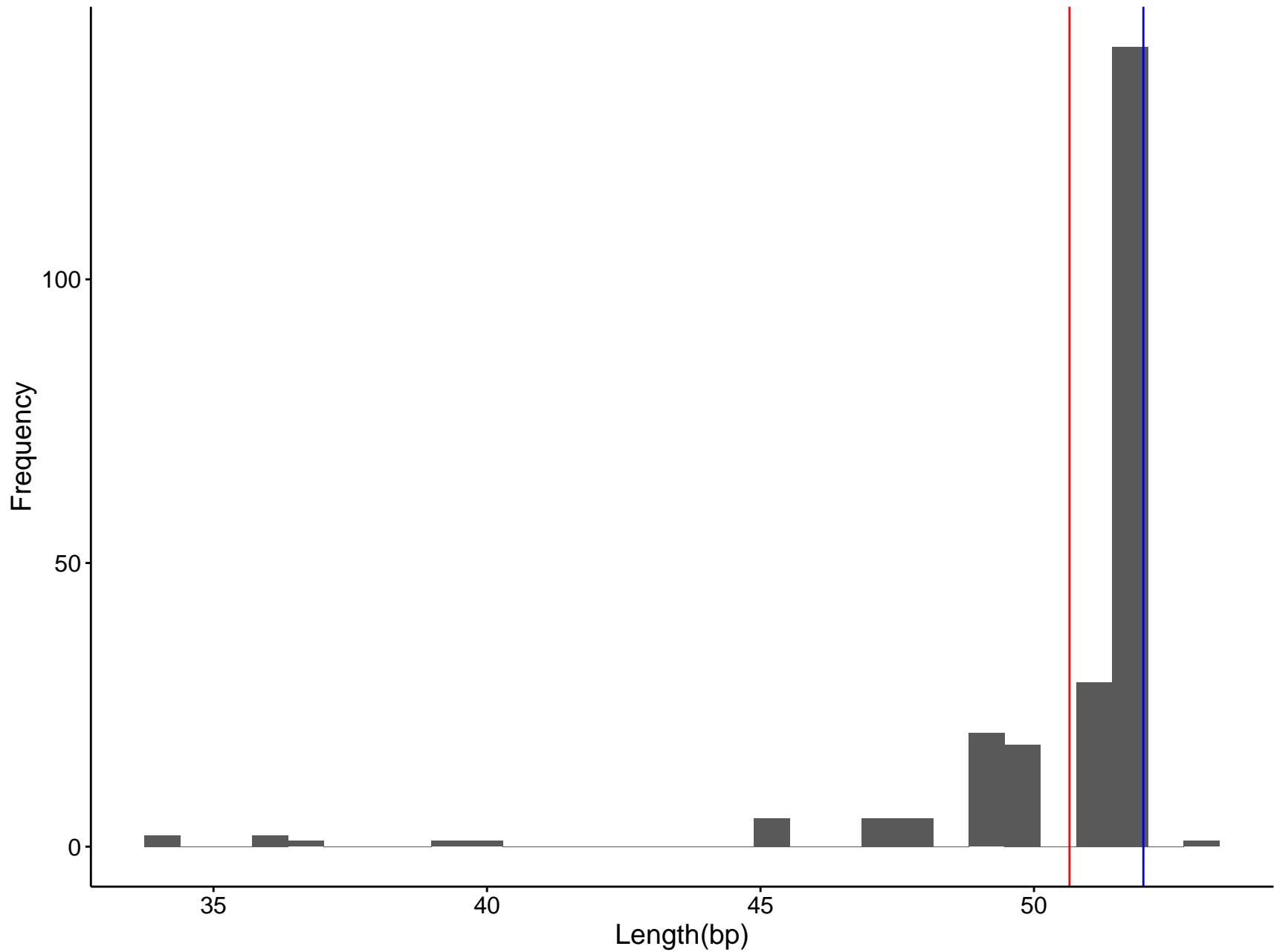
Cluster1573



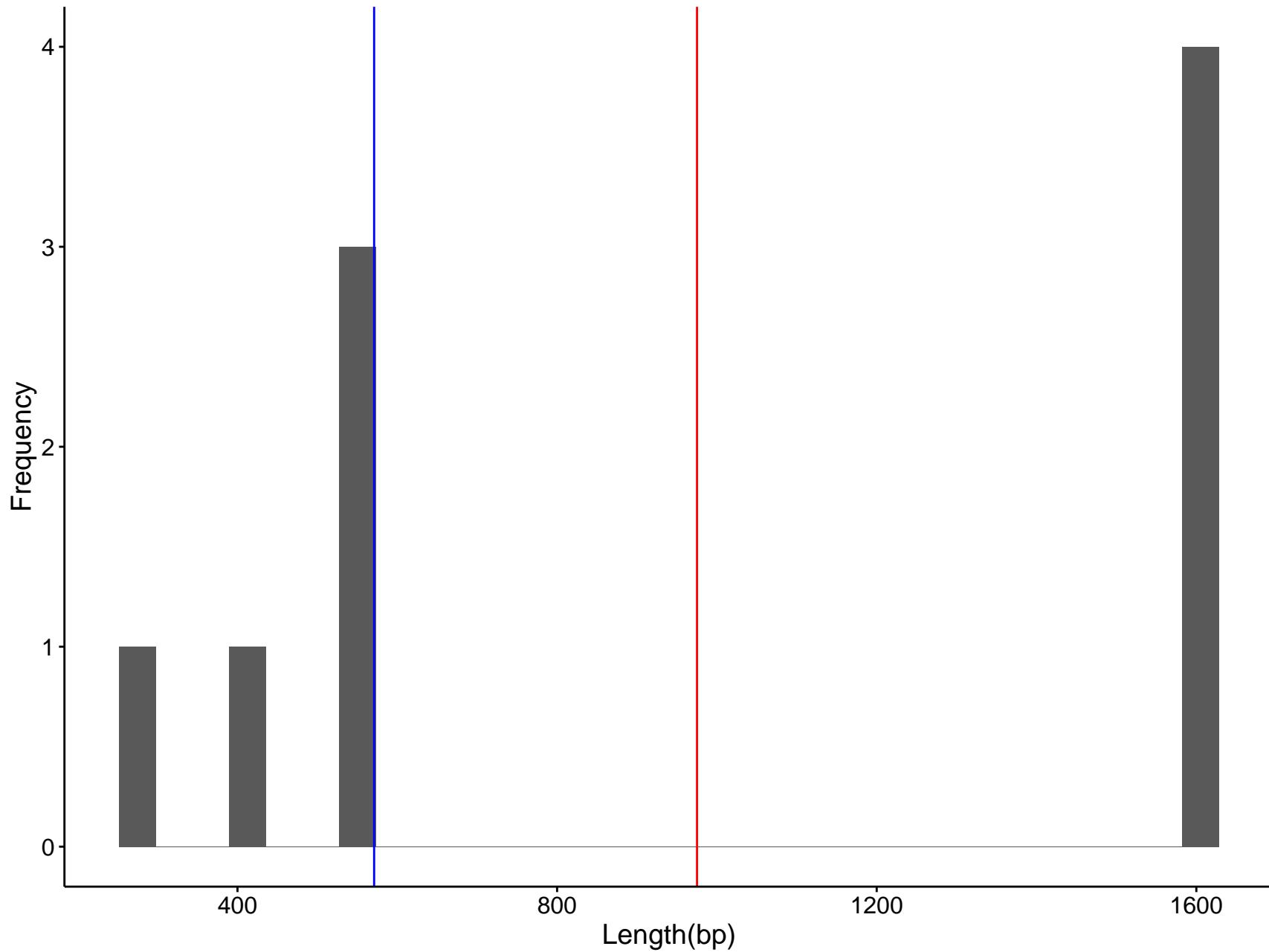
Cluster1574



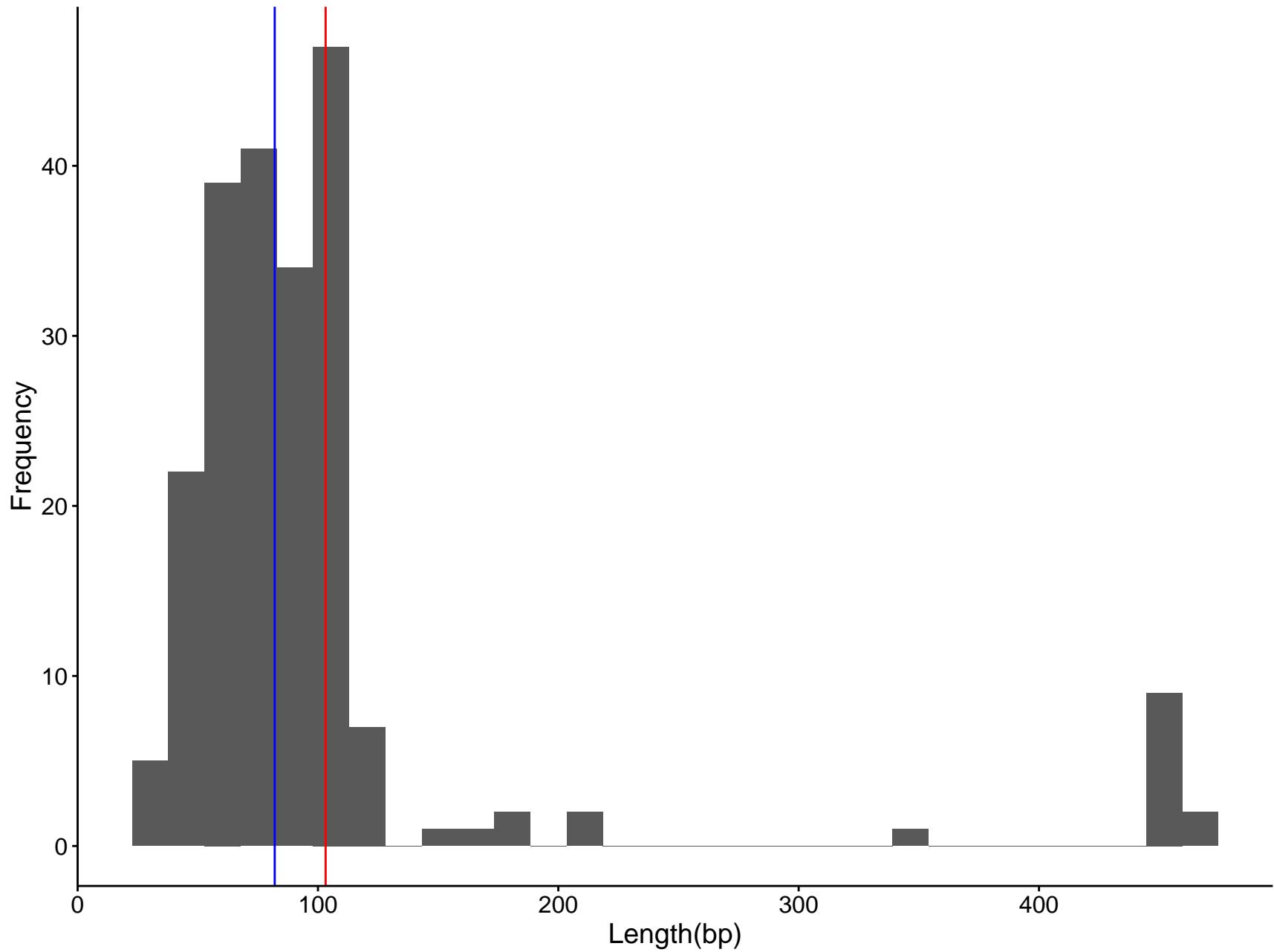
Cluster1576



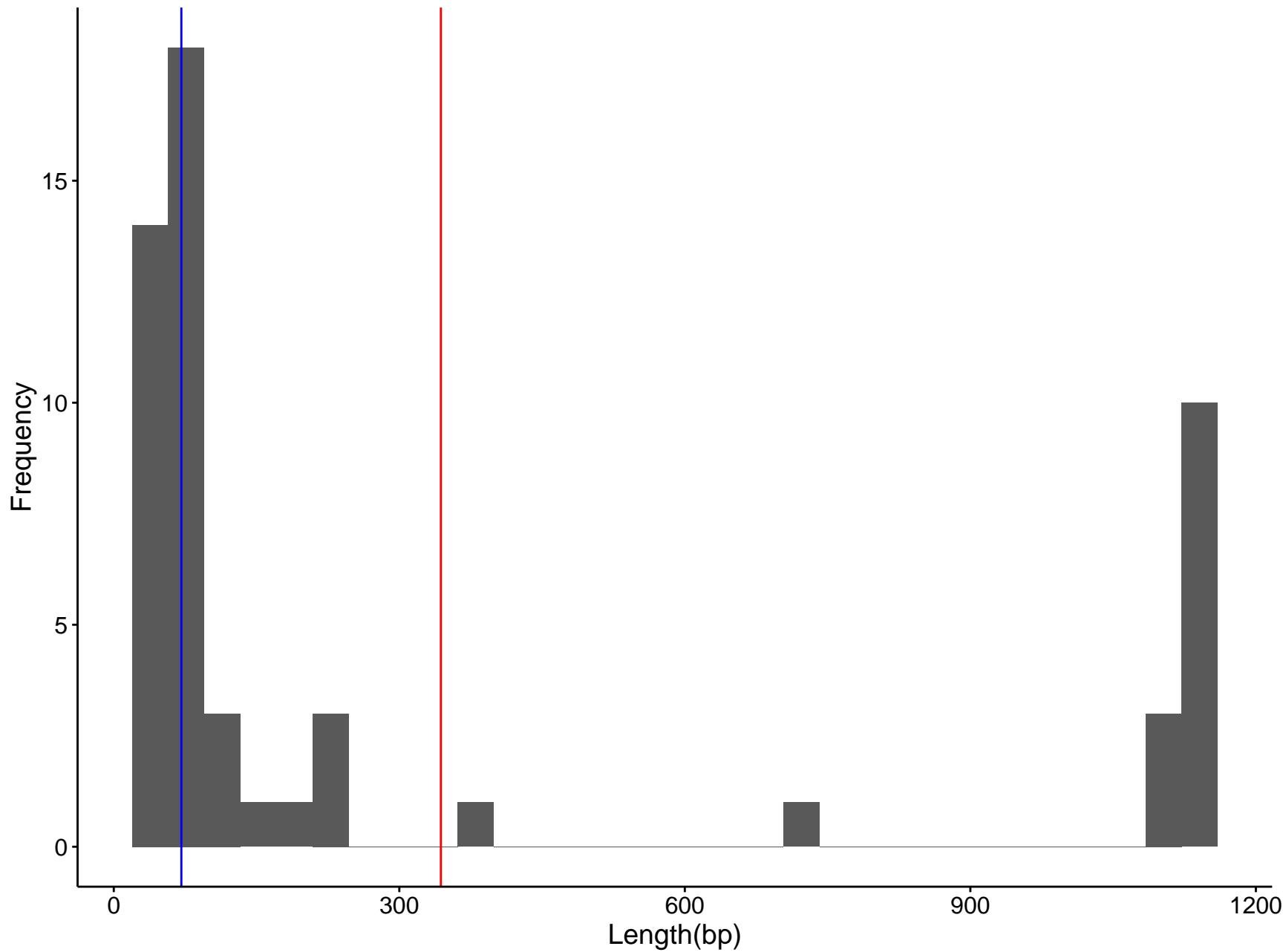
Cluster1577



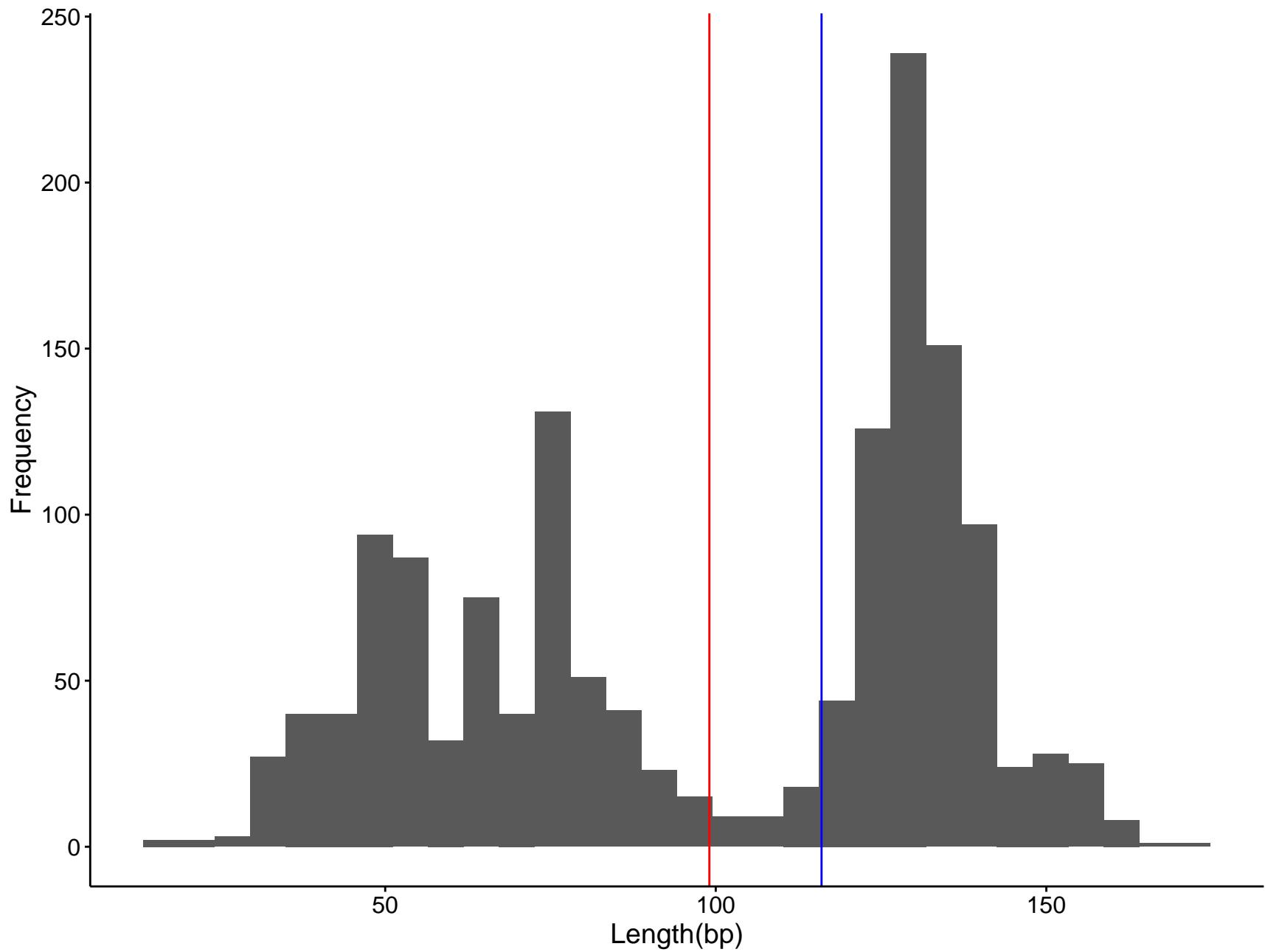
Cluster1578



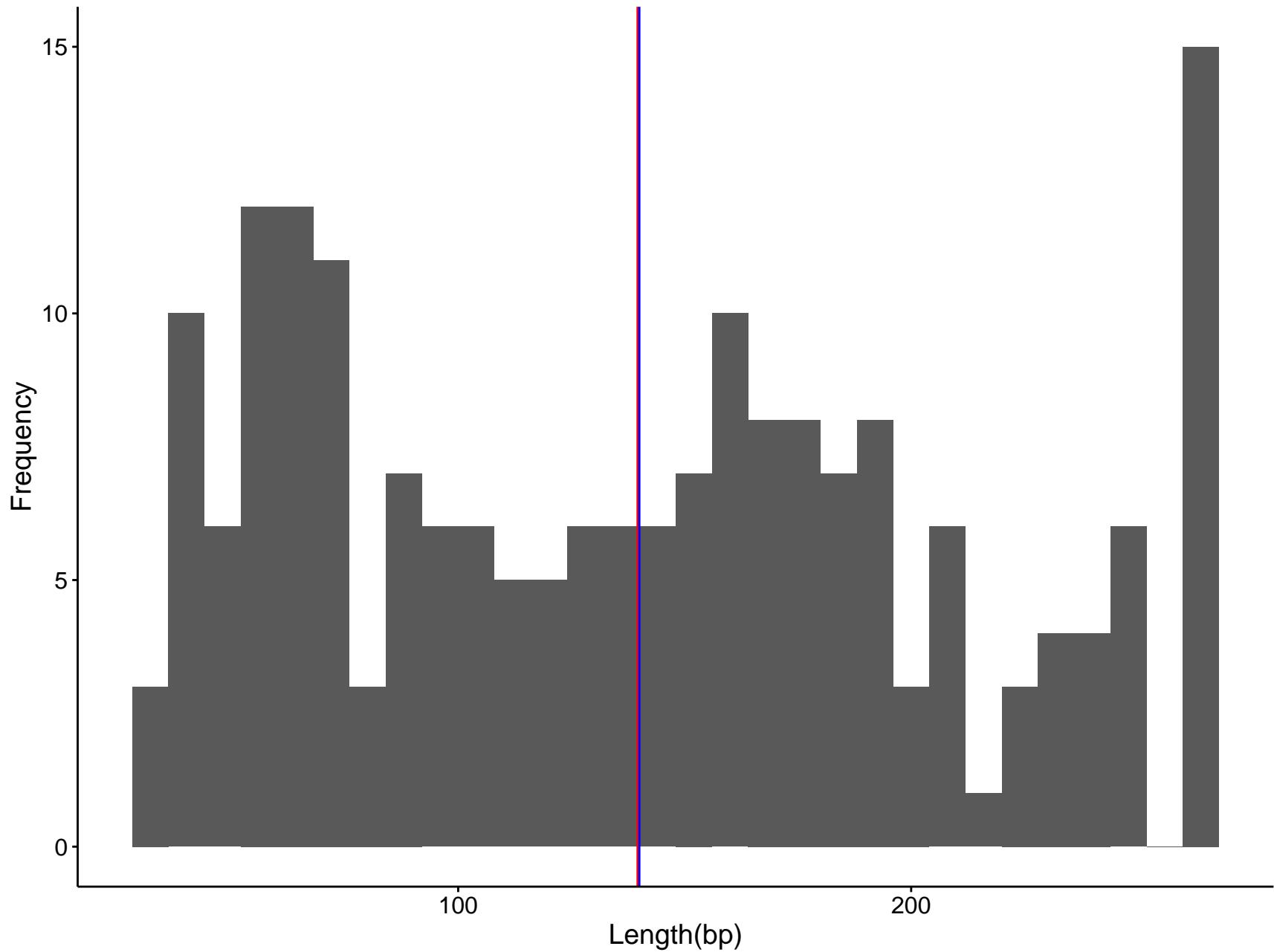
Cluster1579



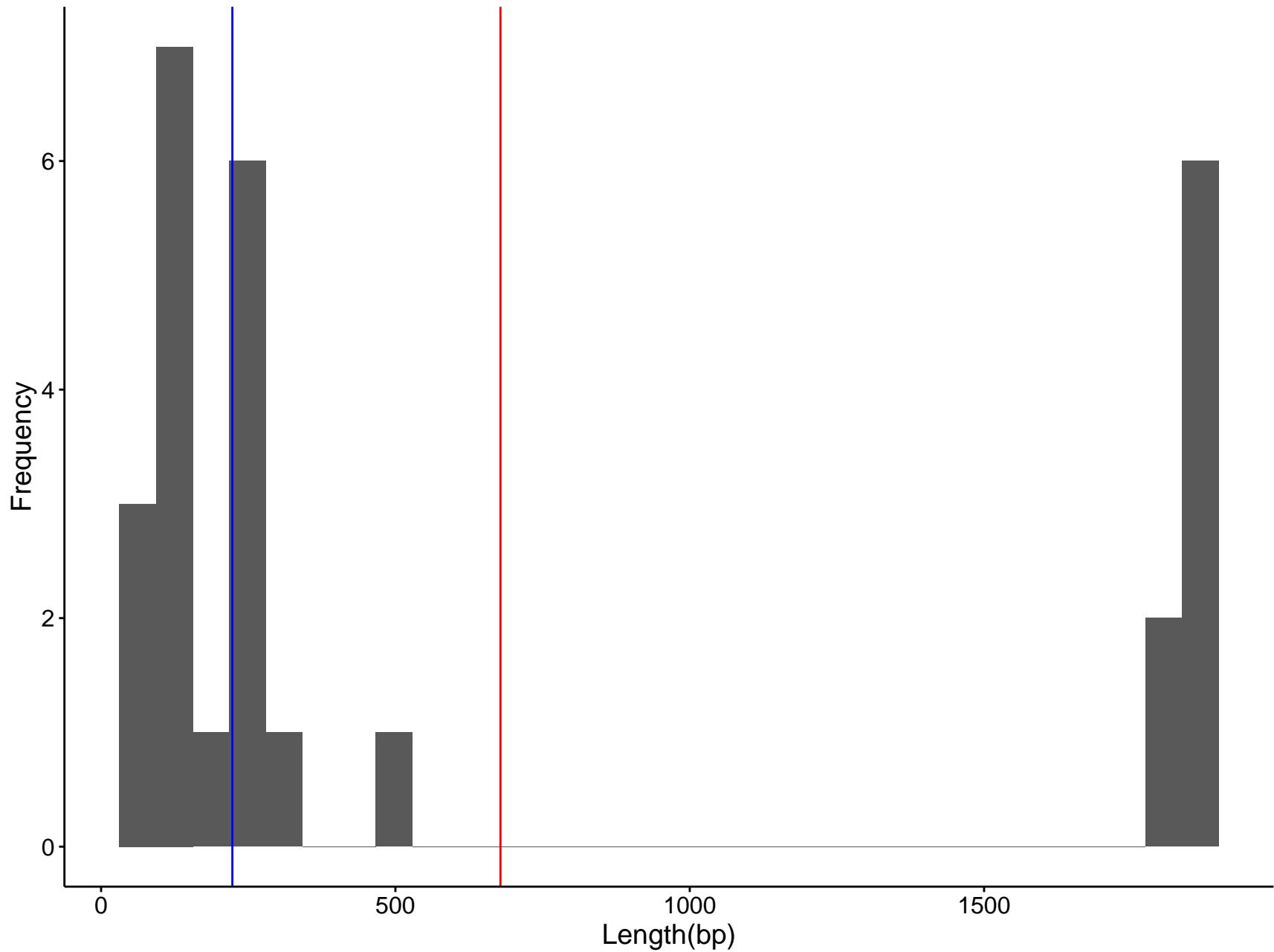
Cluster1580



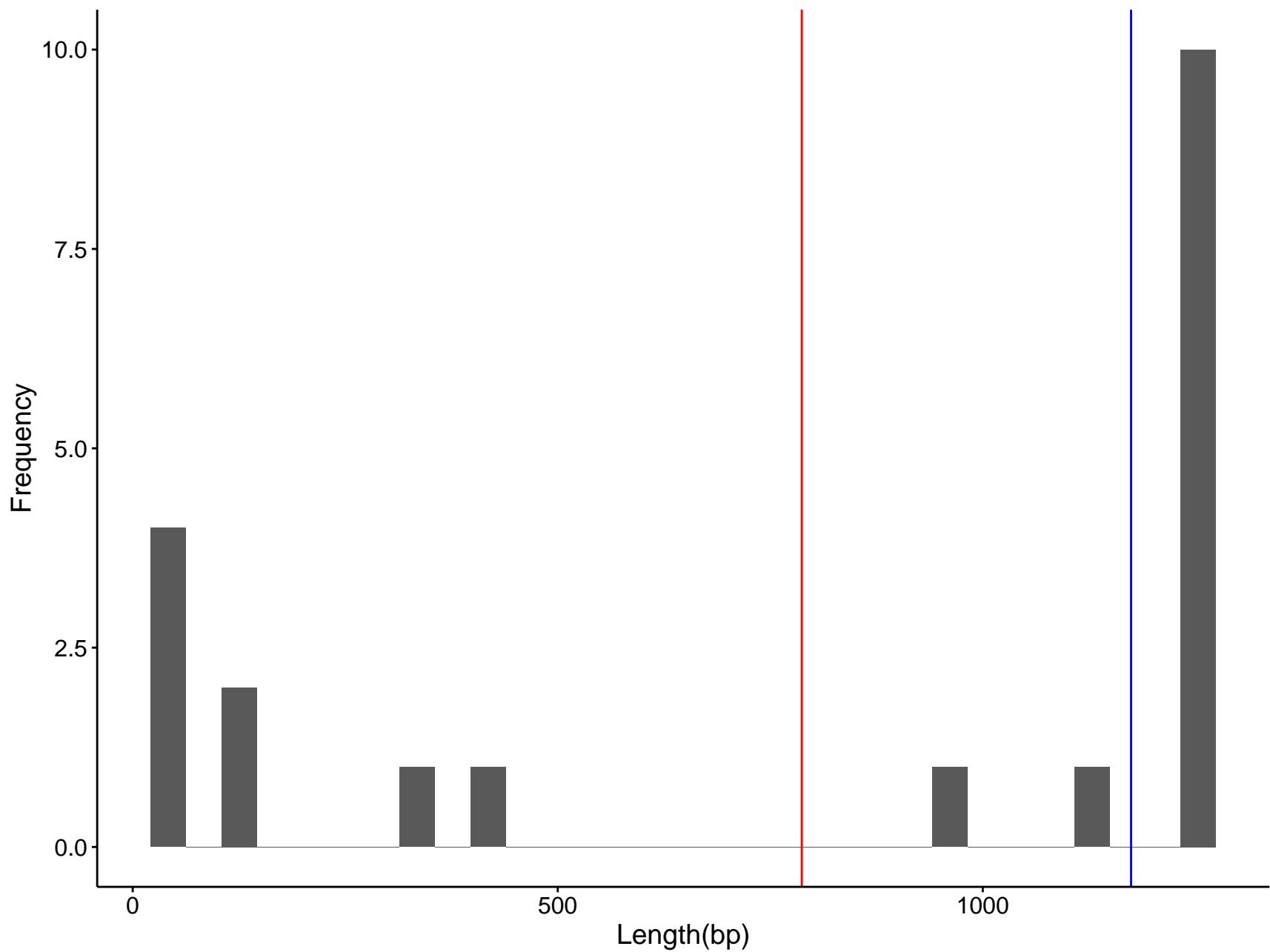
Cluster1581

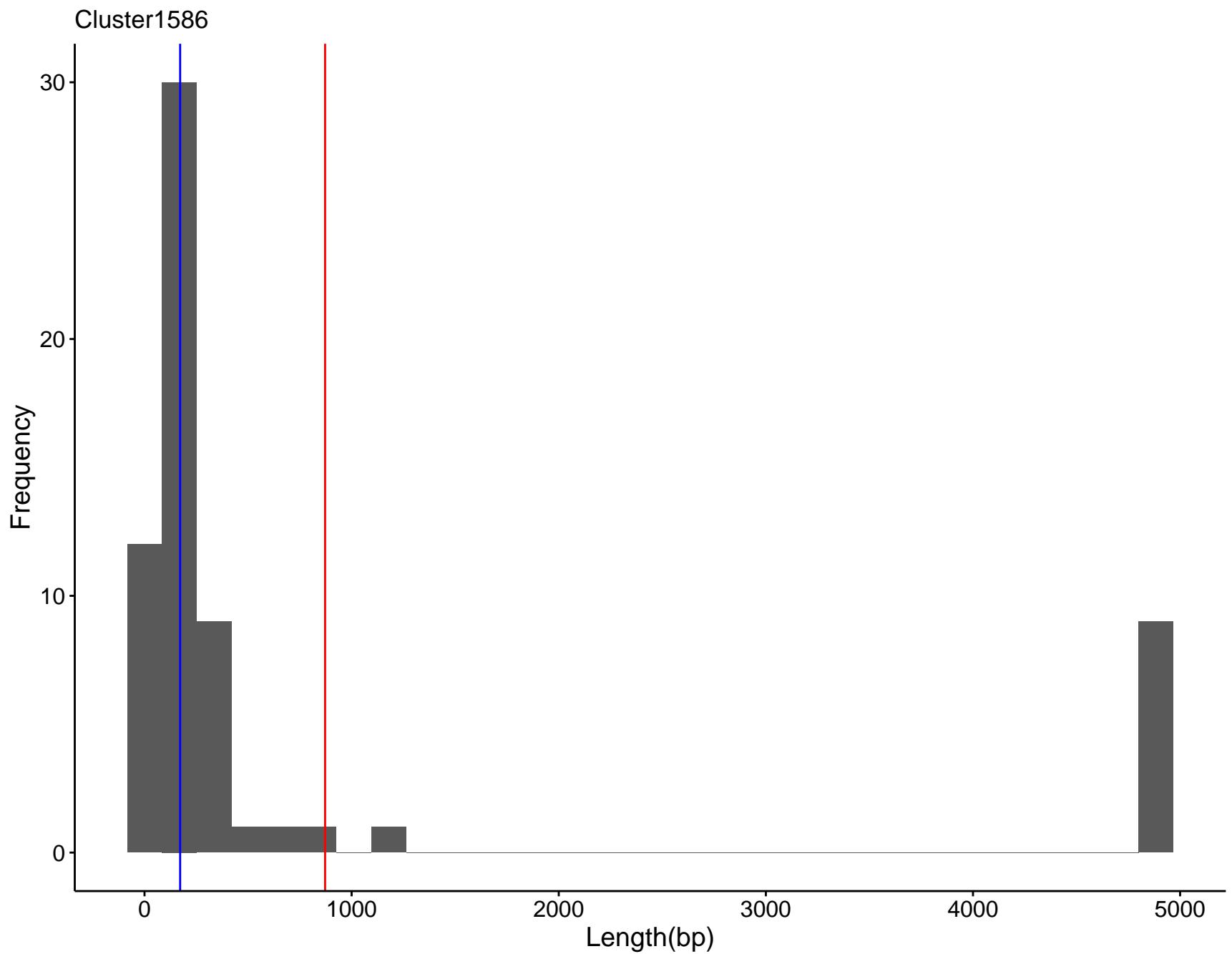


Cluster1582

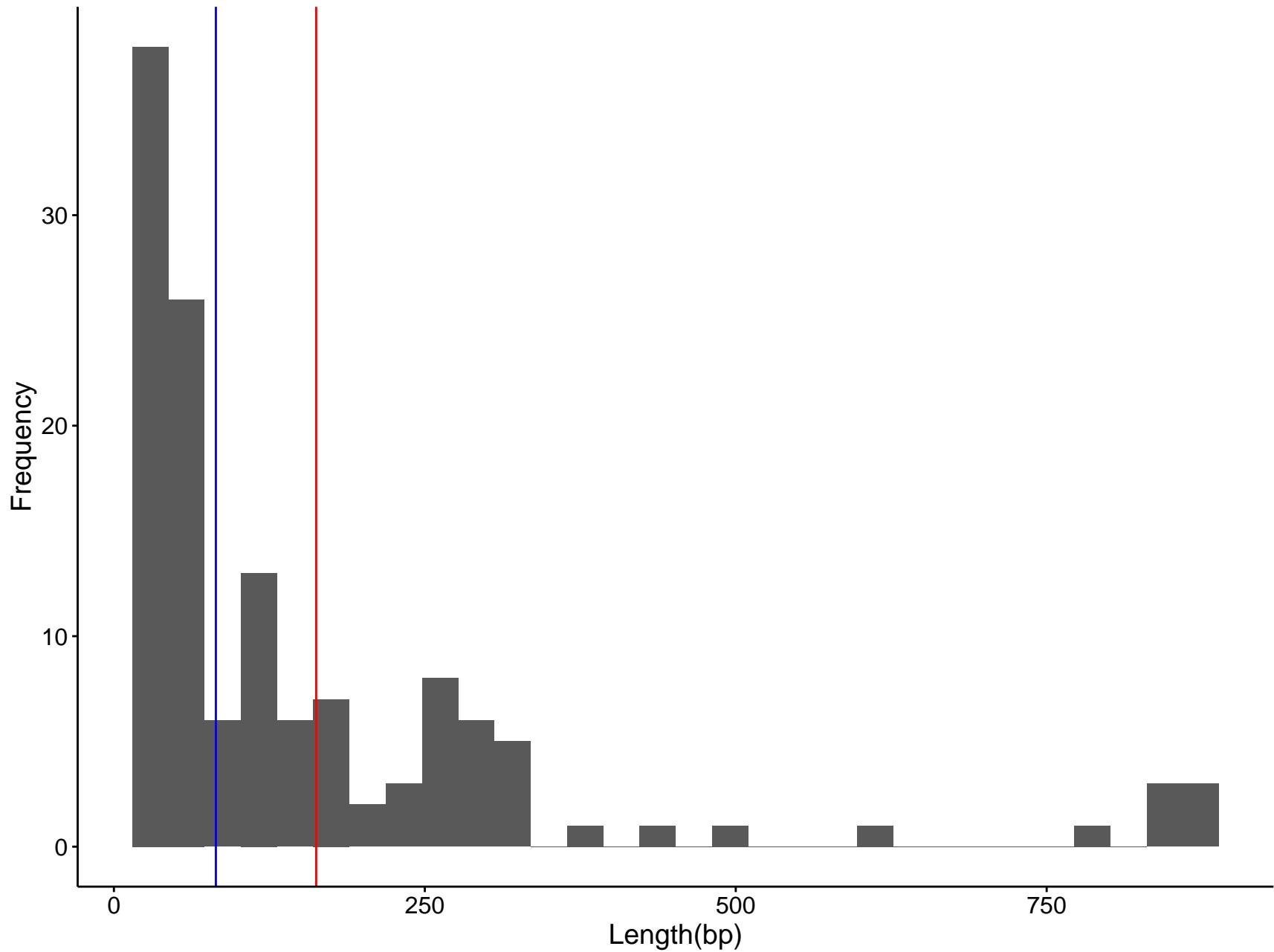


Cluster1583

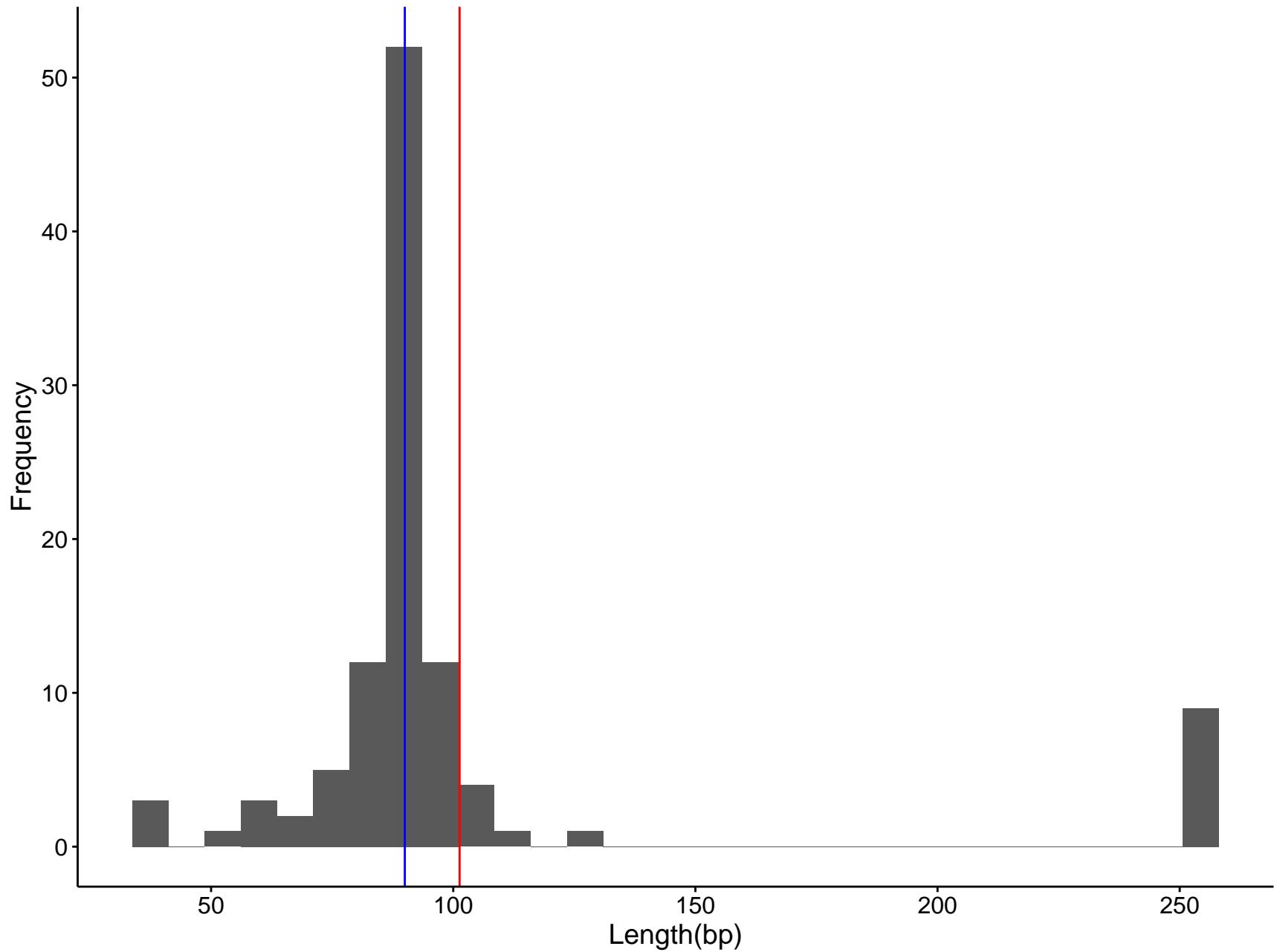




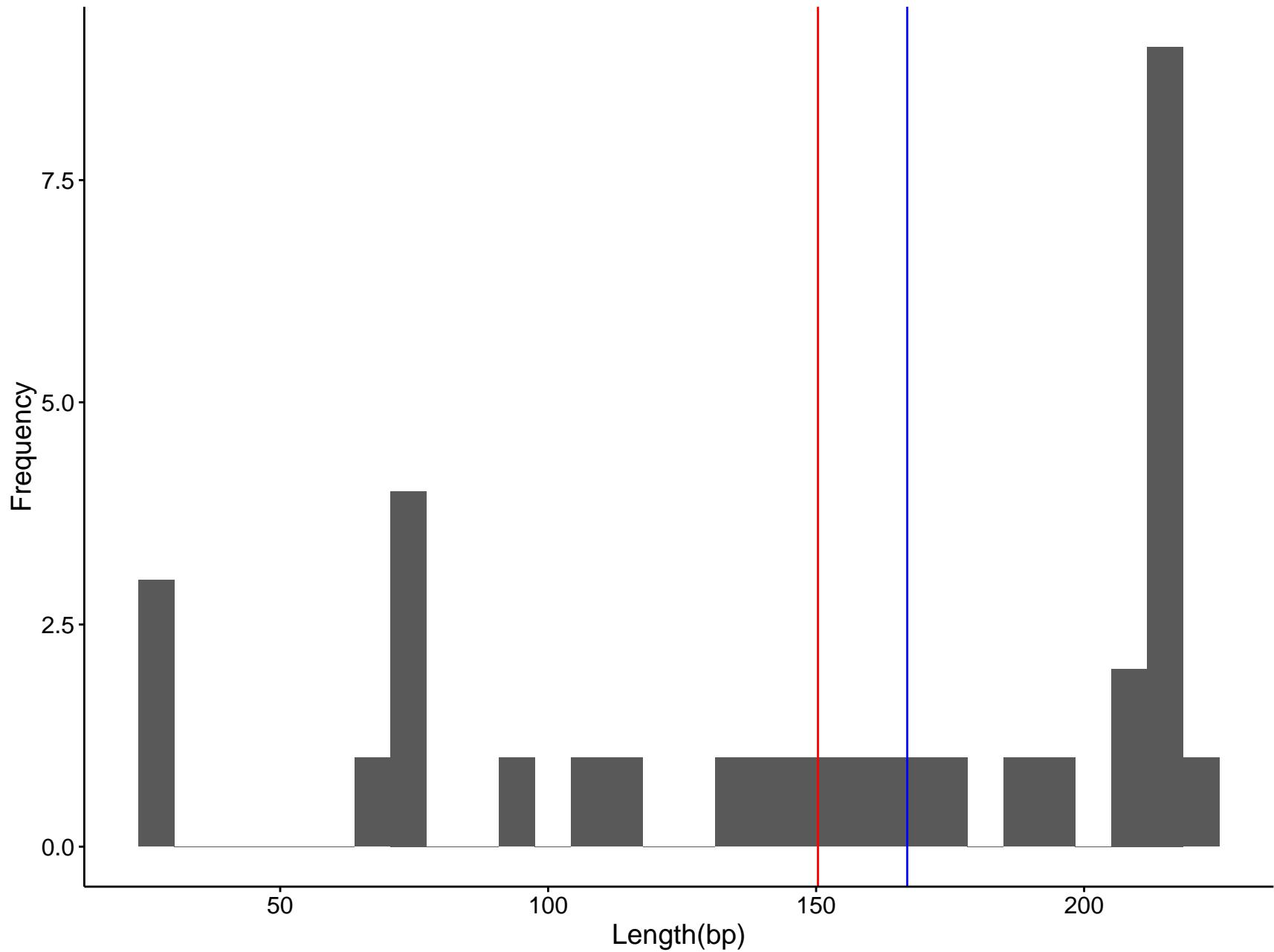
Cluster1587



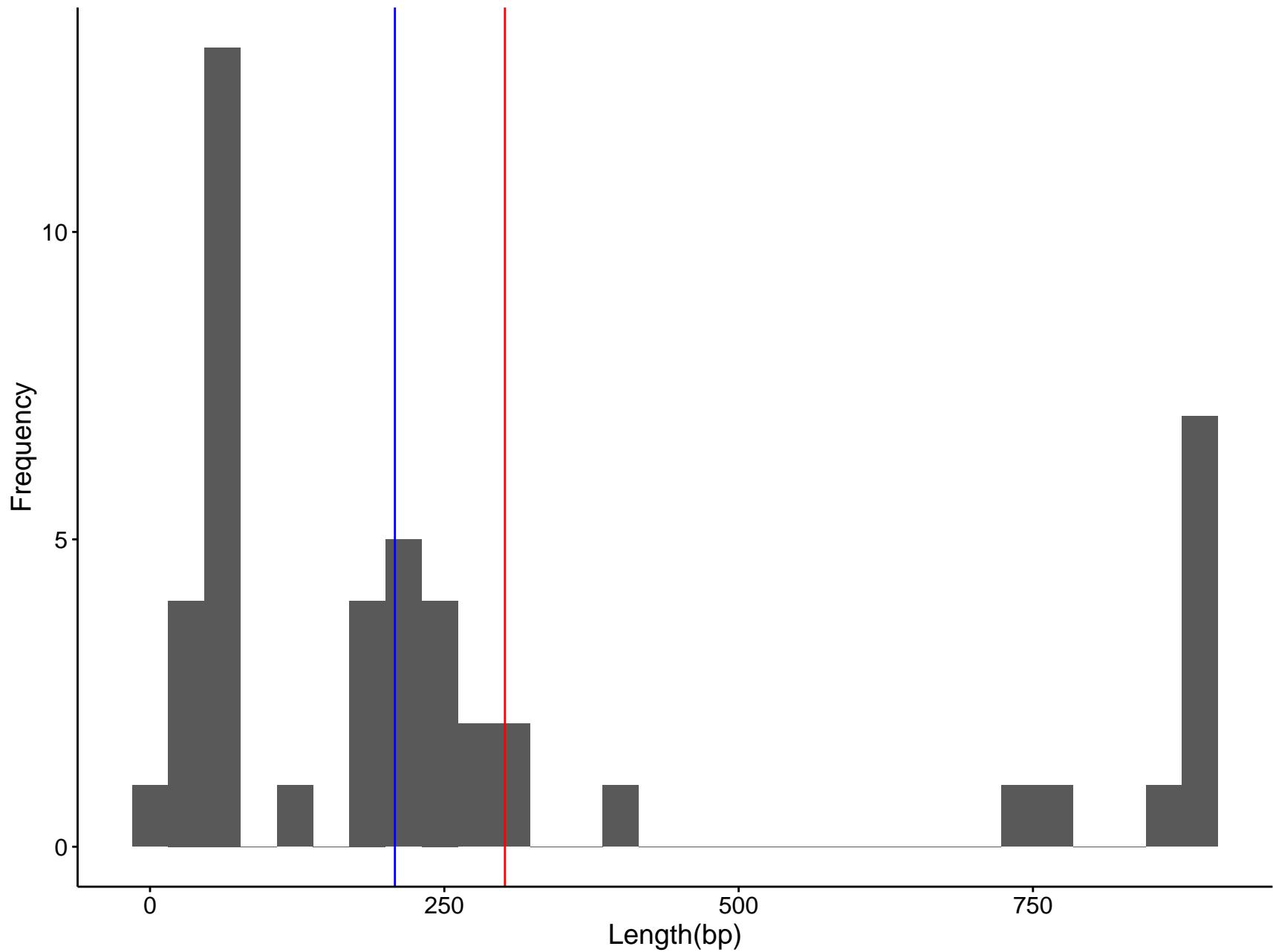
Cluster1588



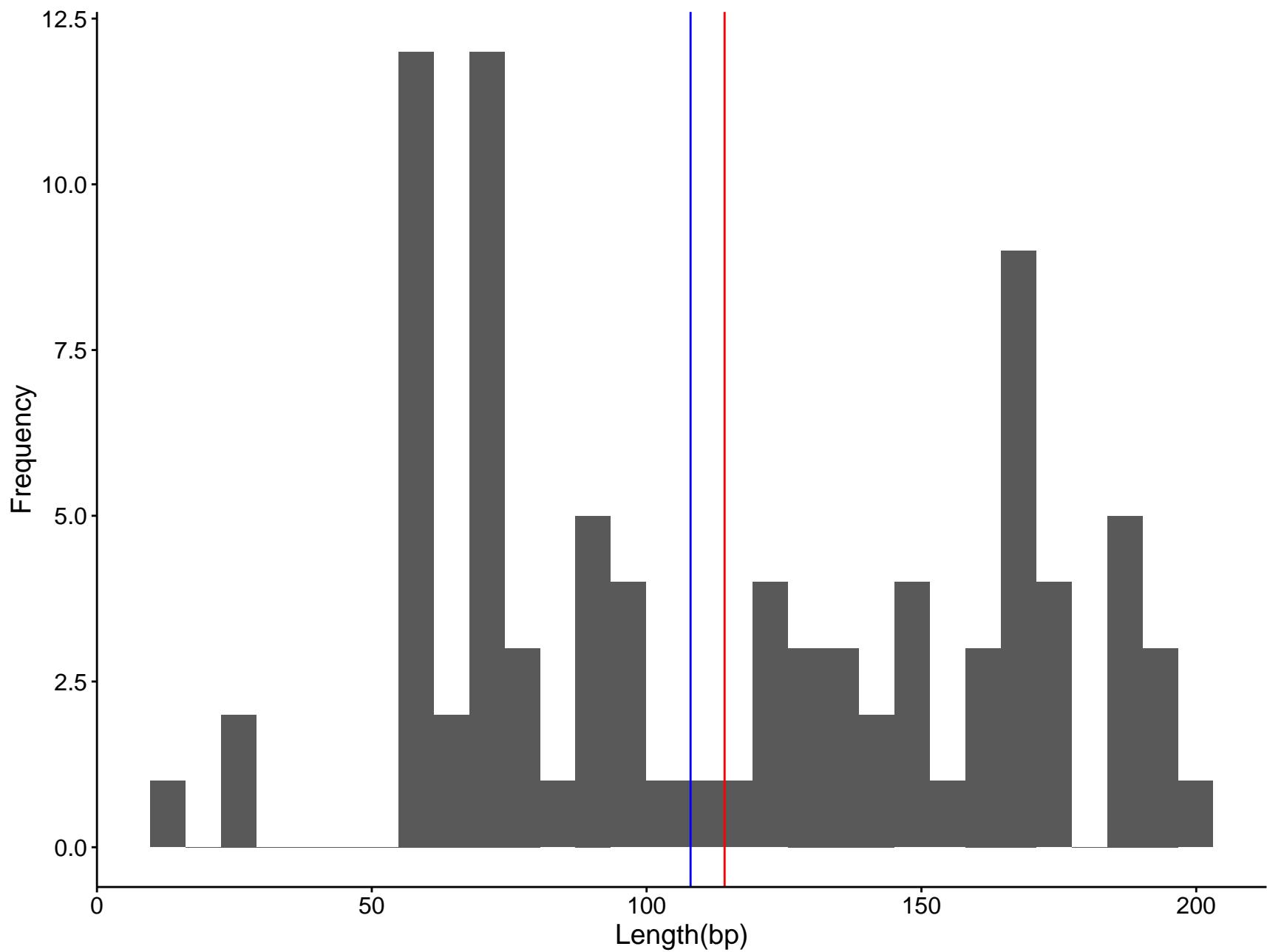
Cluster1589



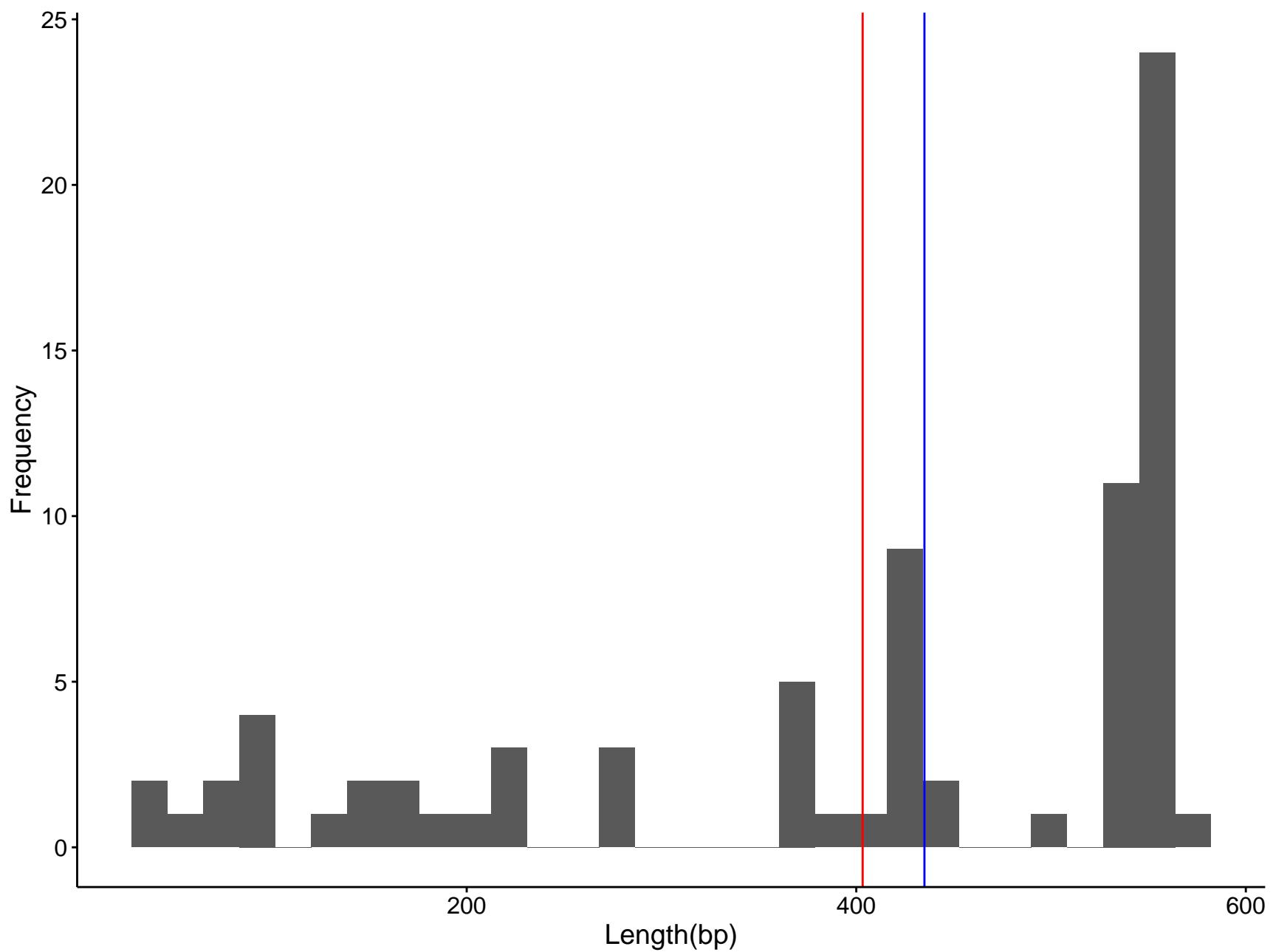
Cluster1590



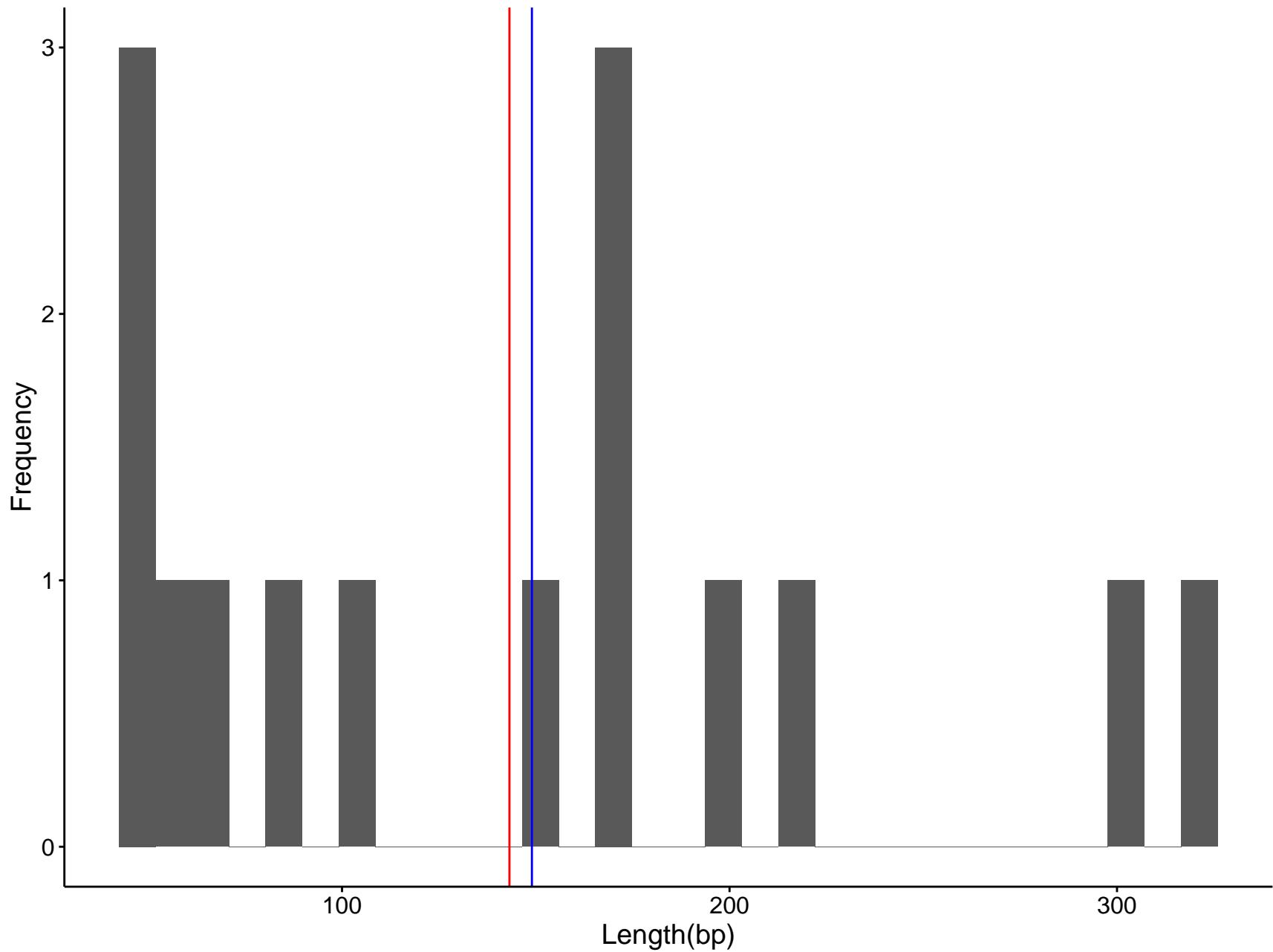
Cluster1591



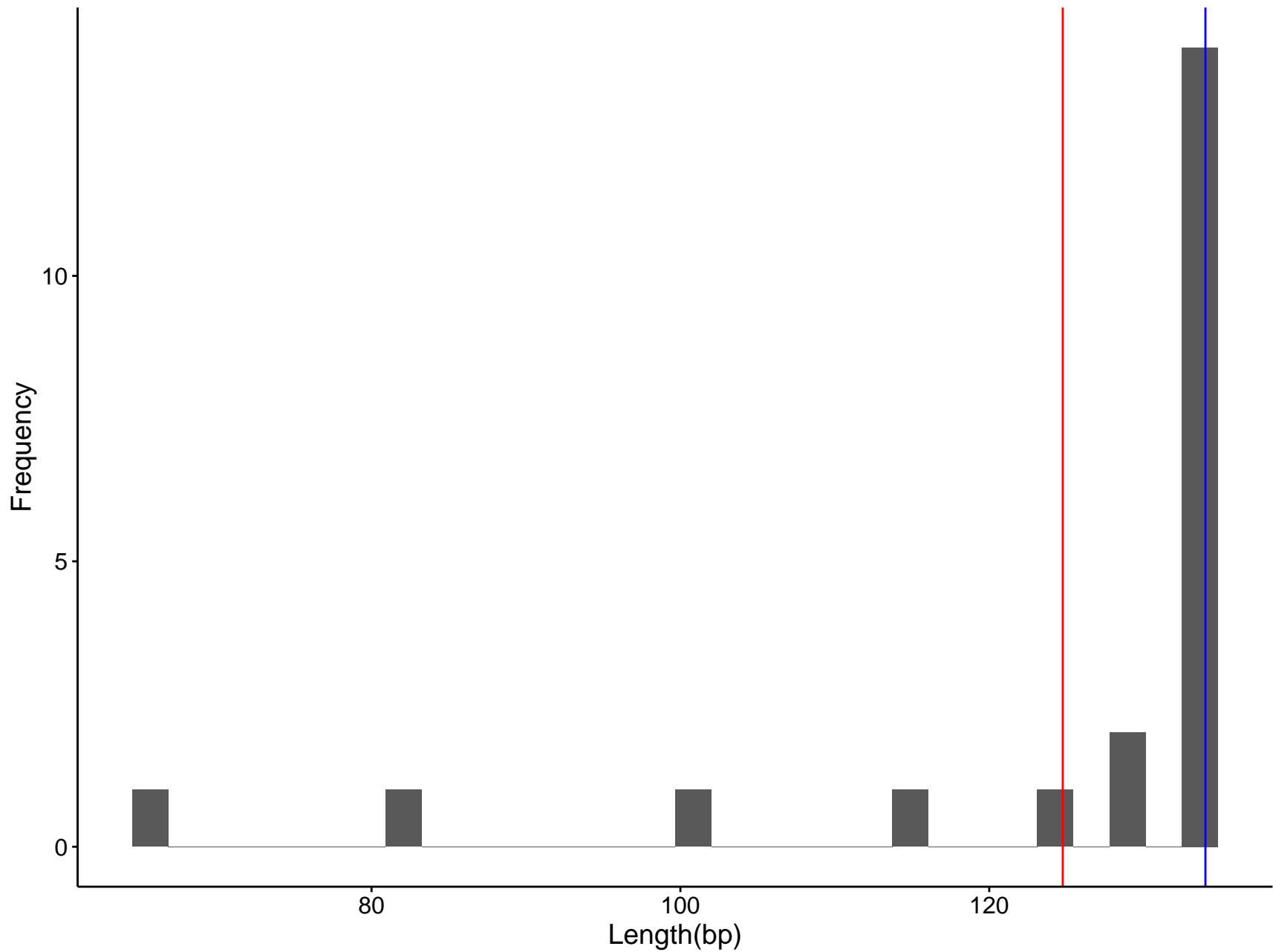
Cluster1592



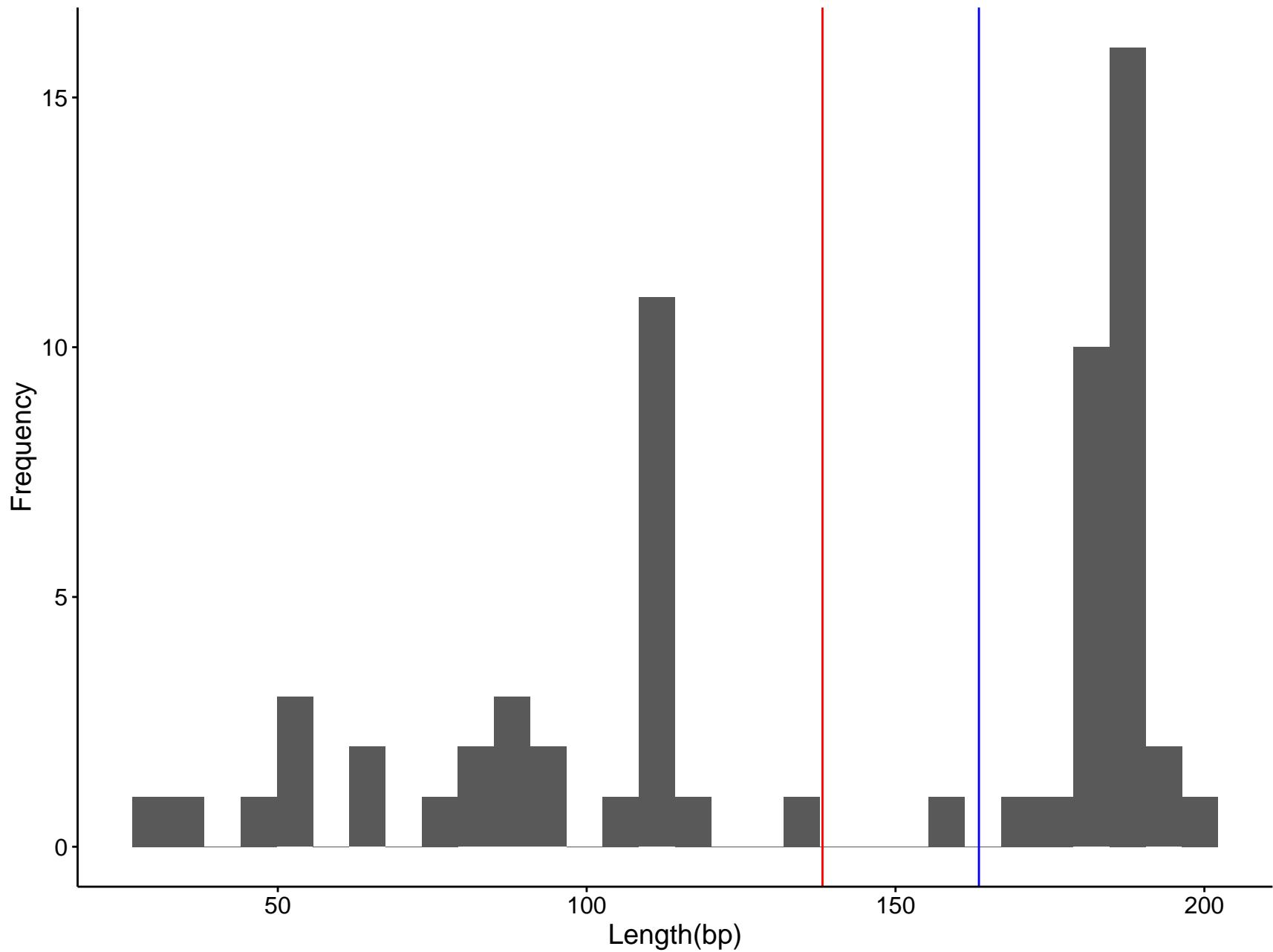
Cluster1594



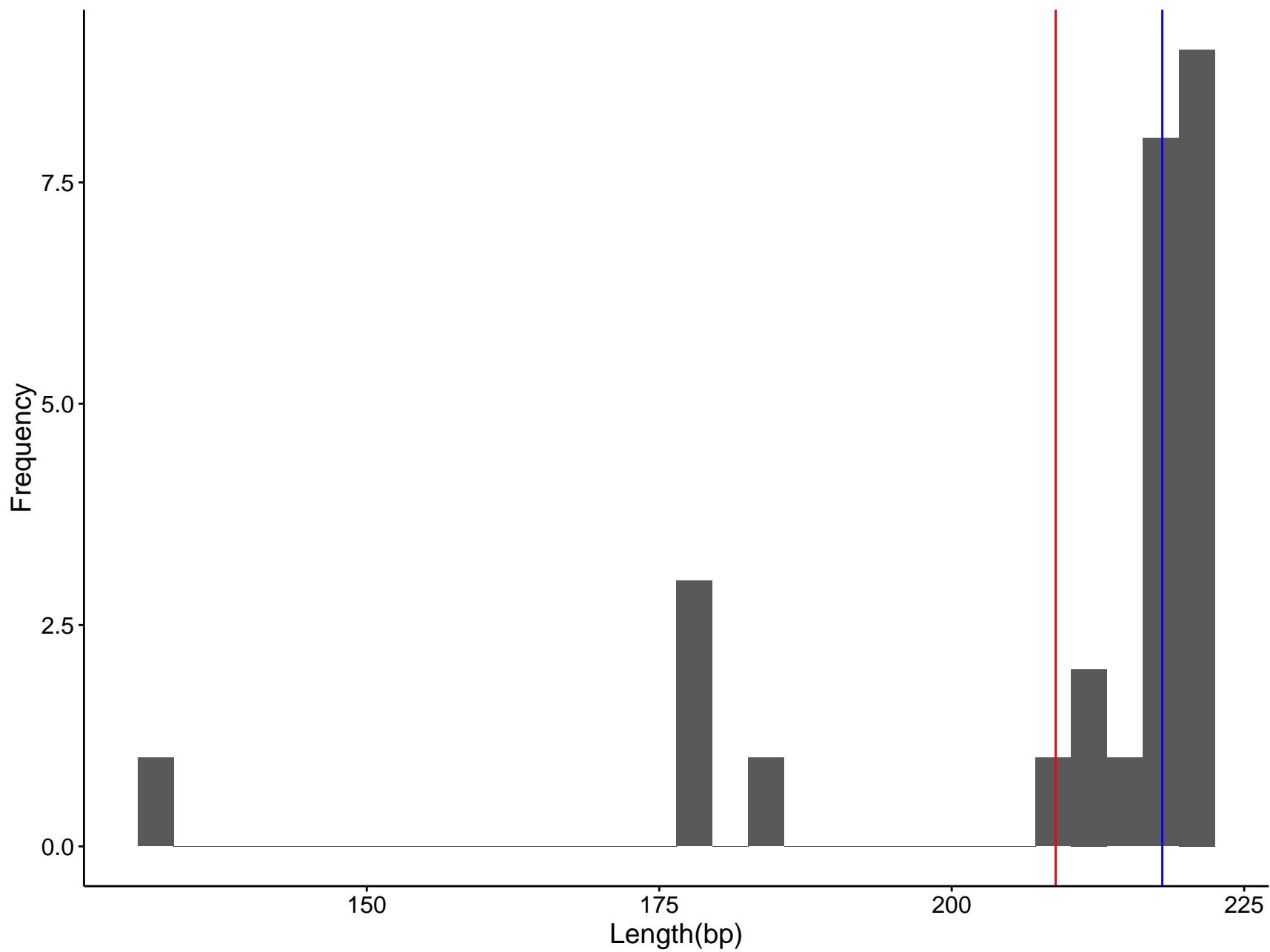
Cluster1596



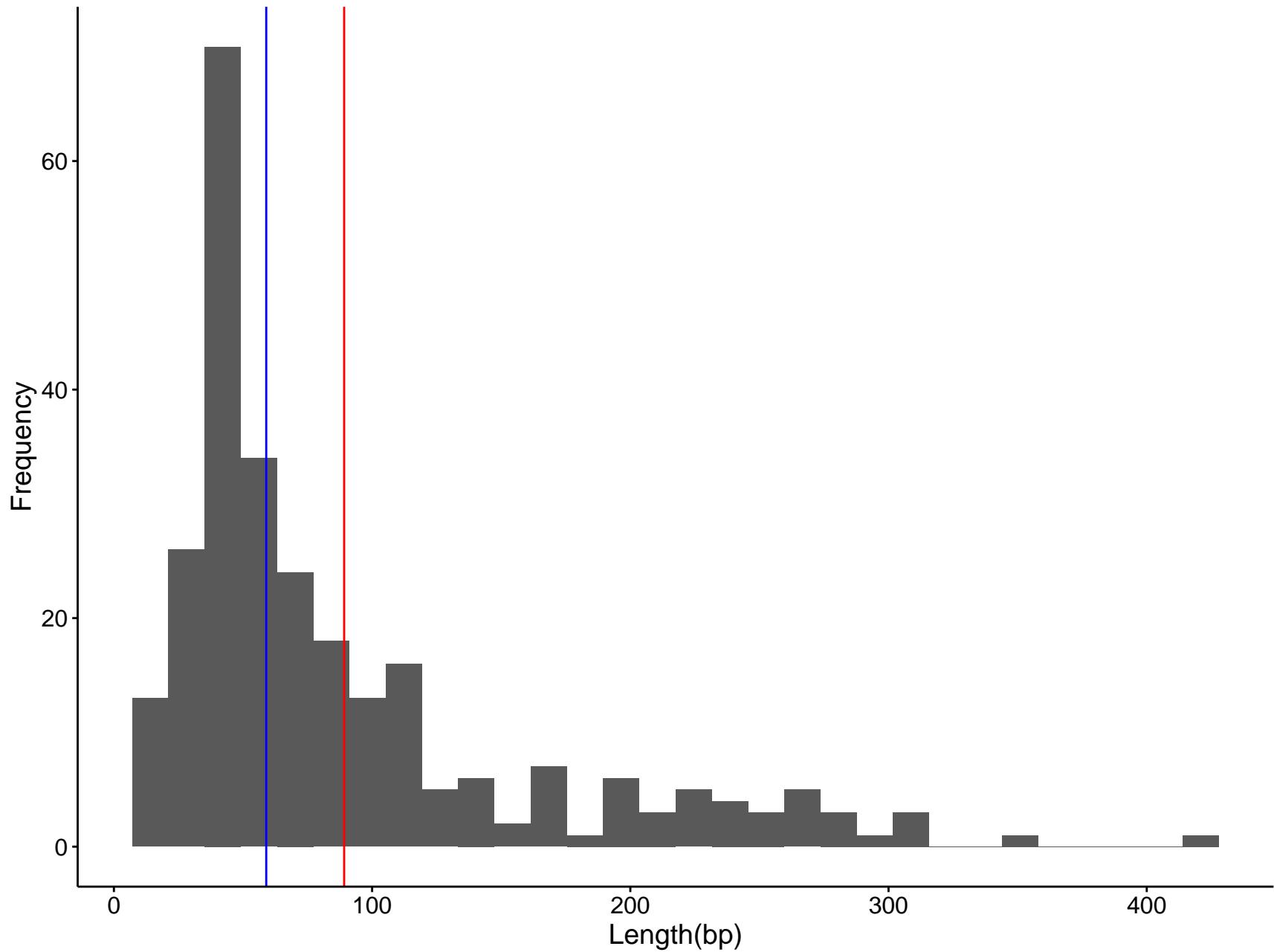
Cluster1597



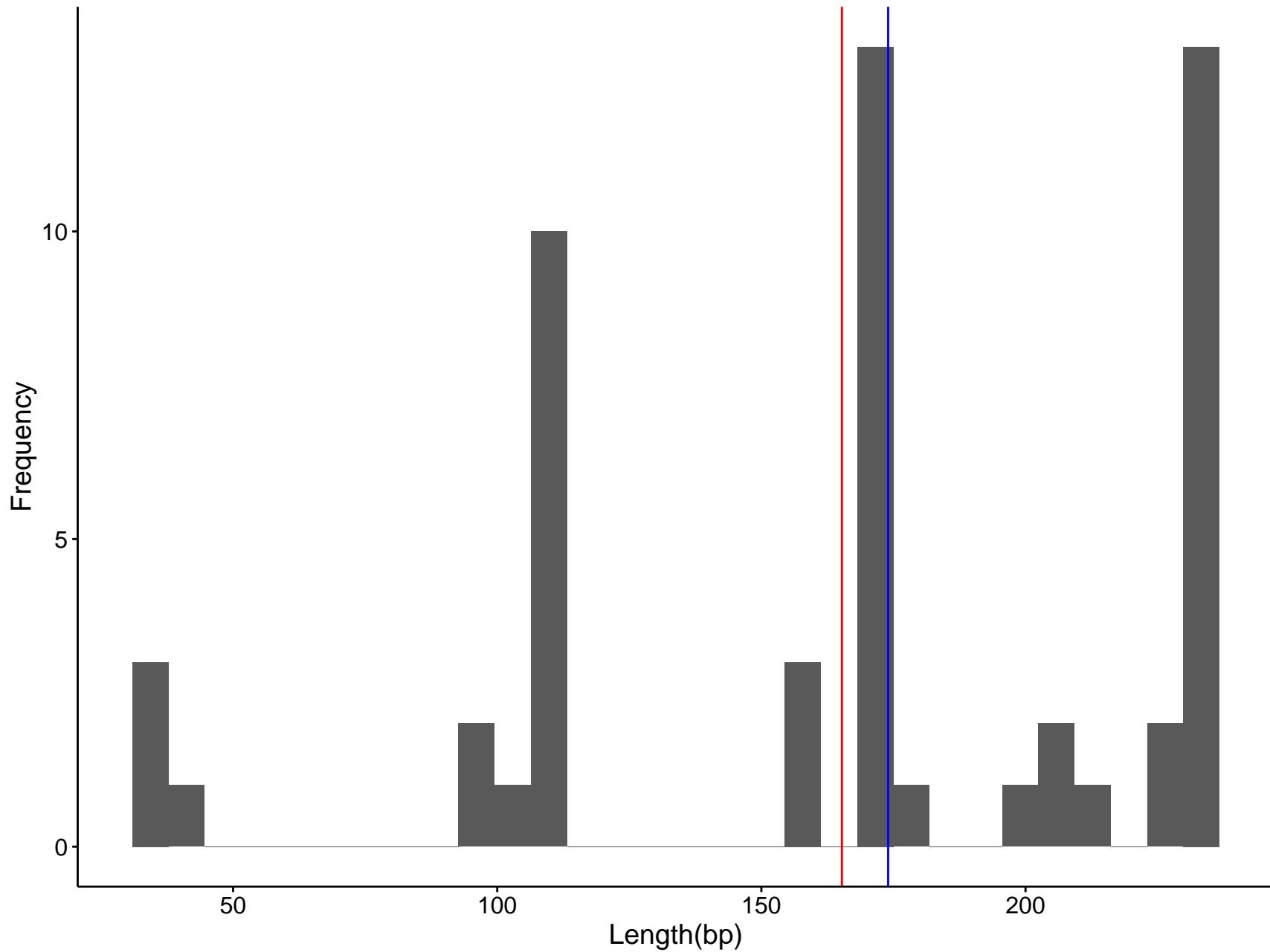
Cluster1598



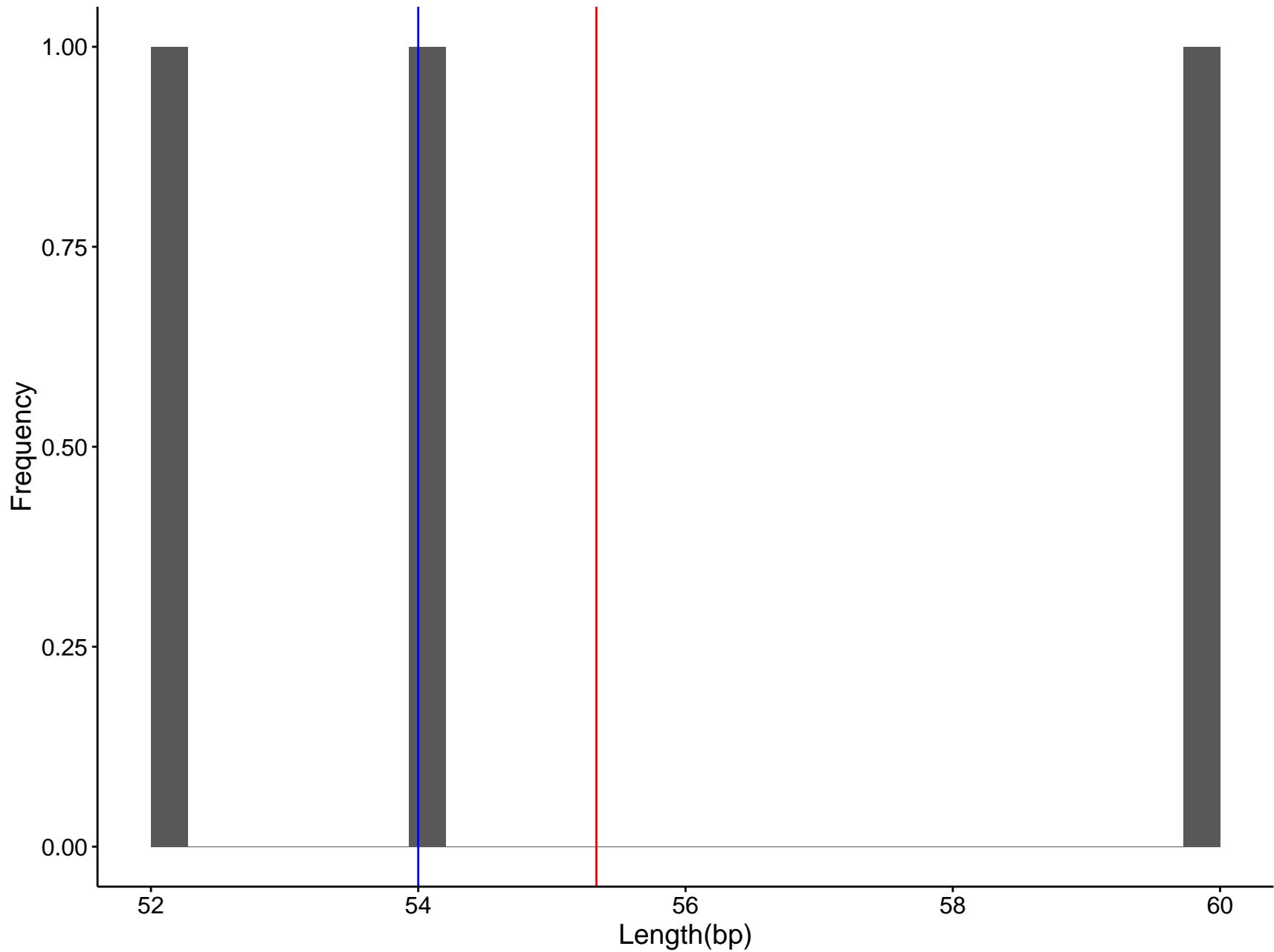
Cluster15



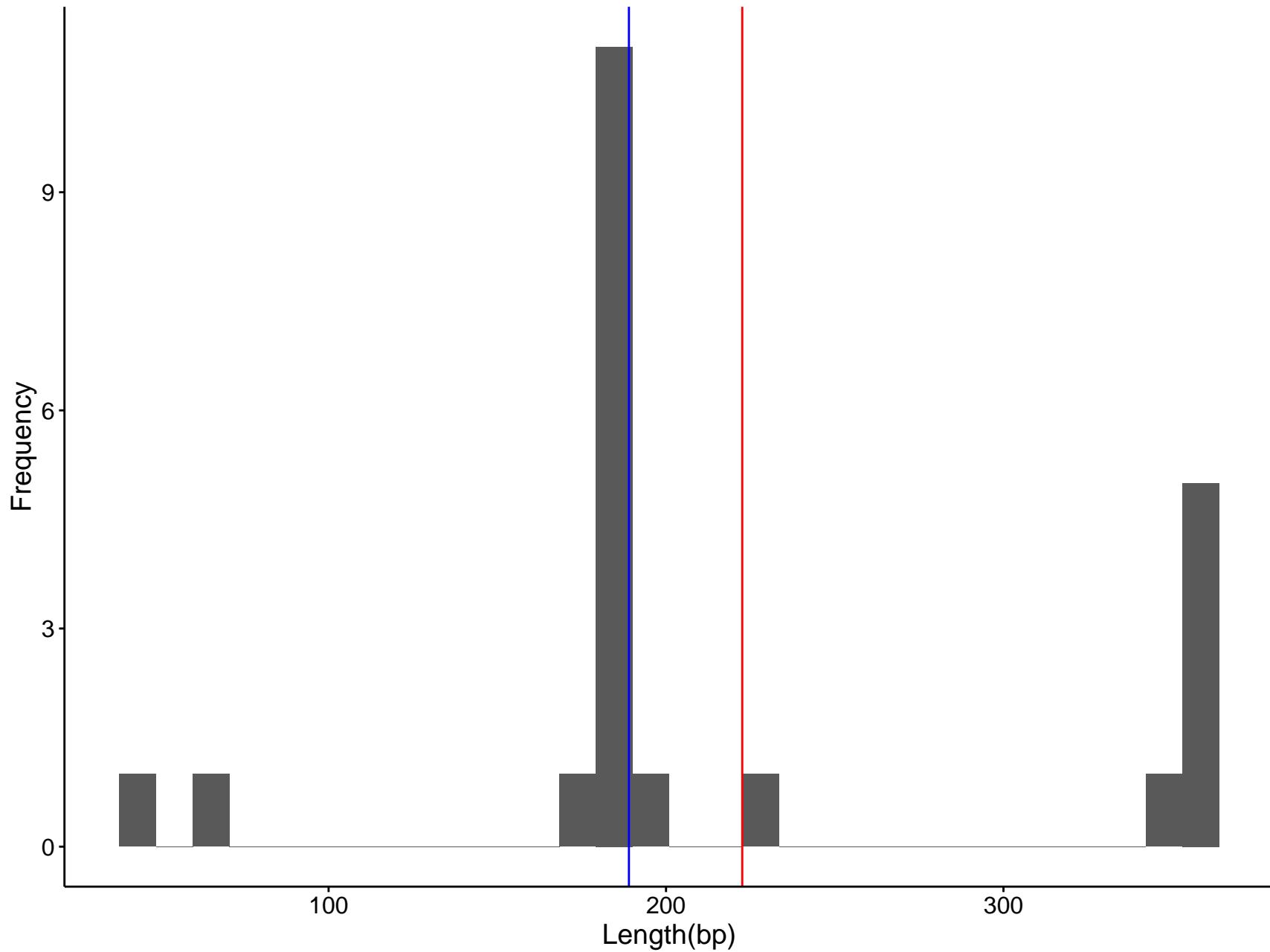
Cluster1600



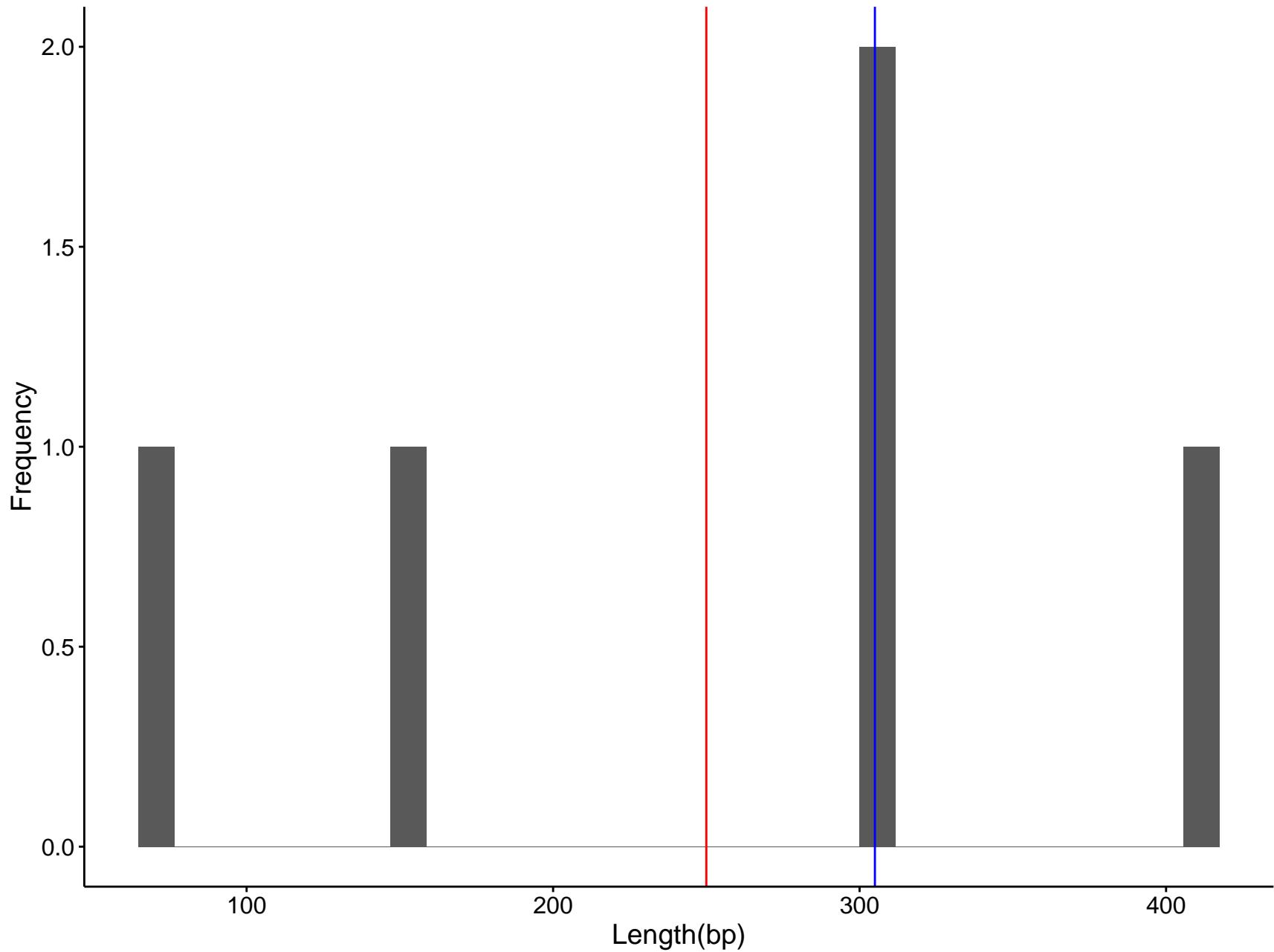
Cluster1601



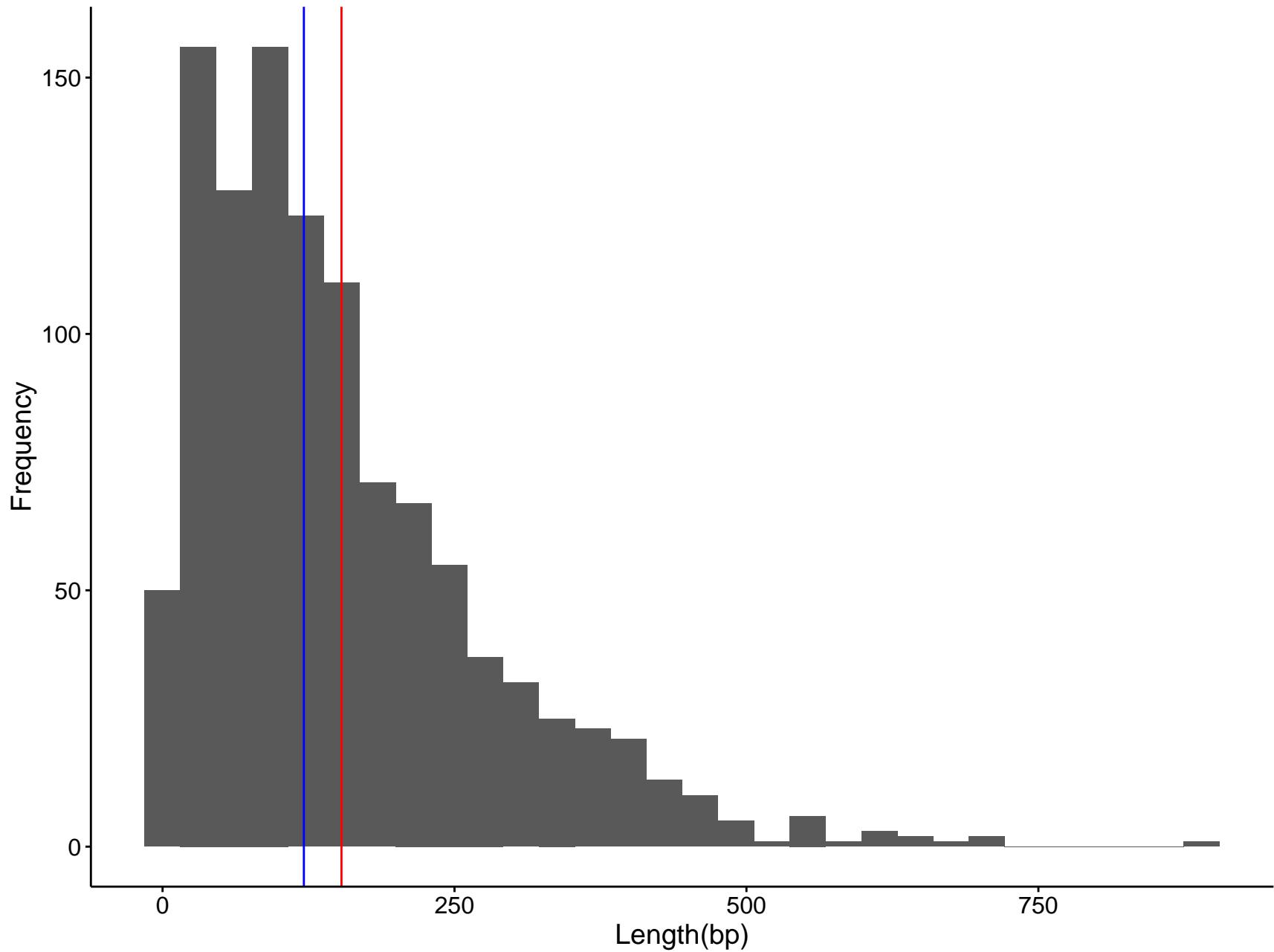
Cluster1604



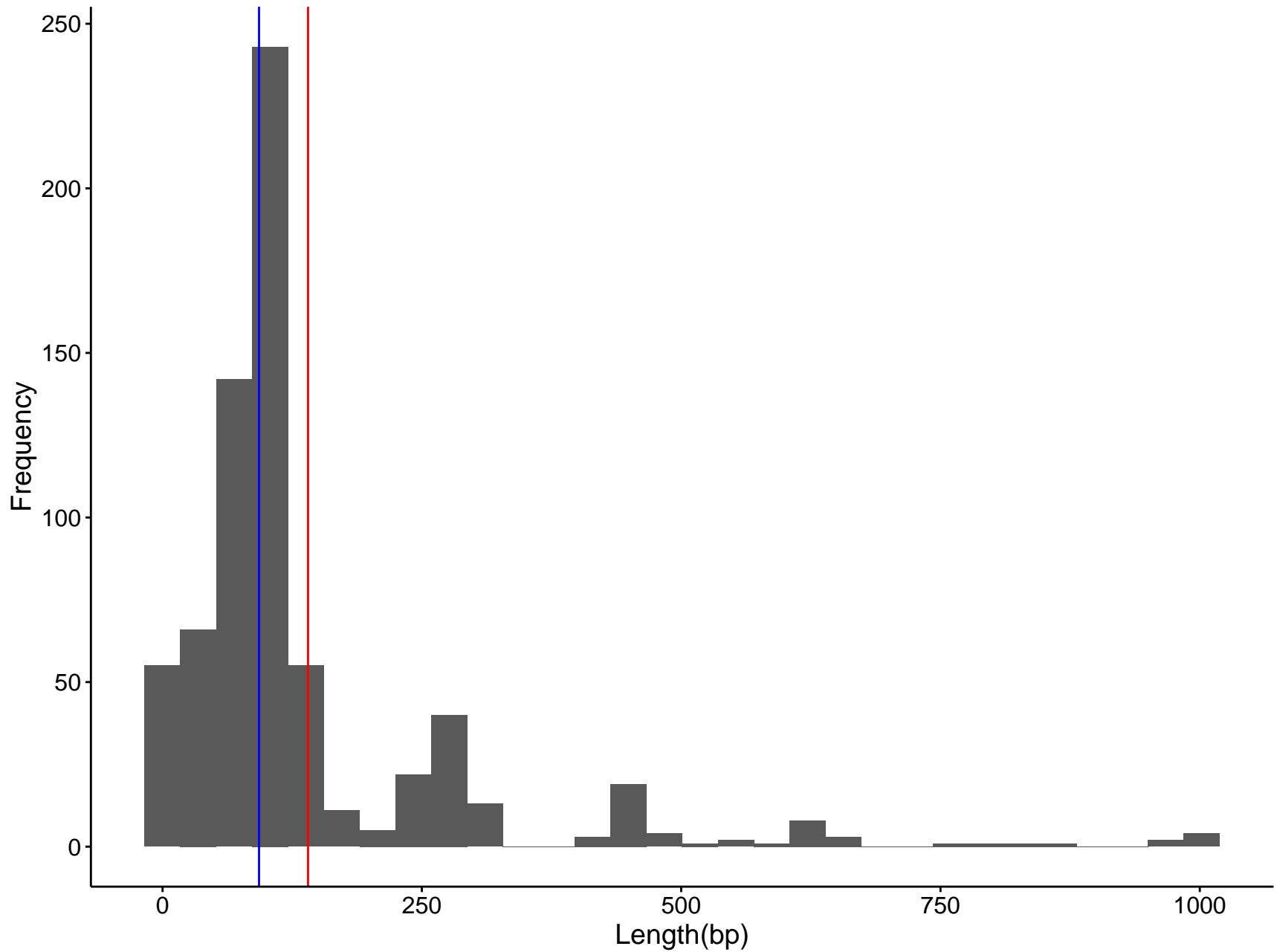
Cluster1605



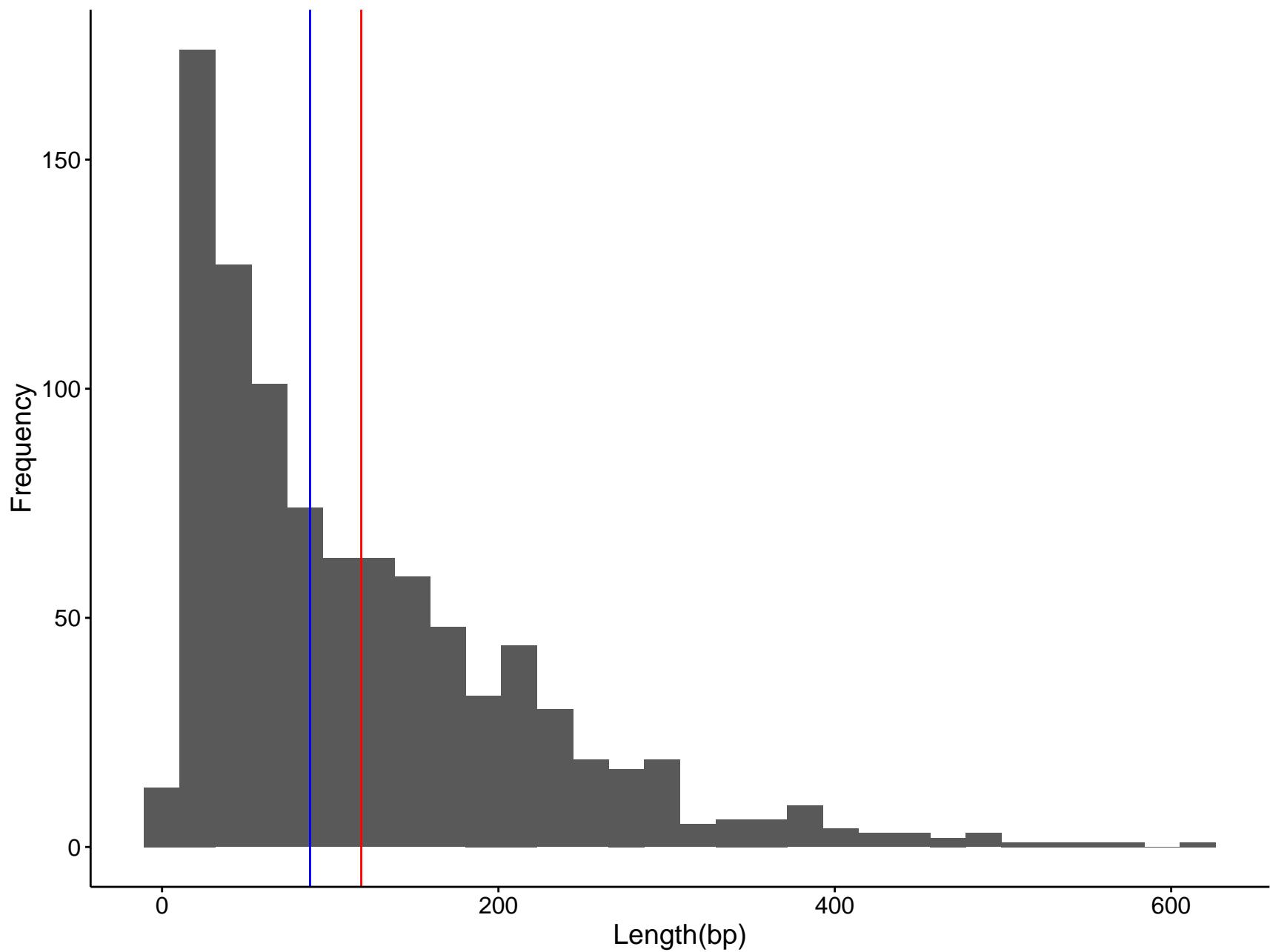
Cluster1607



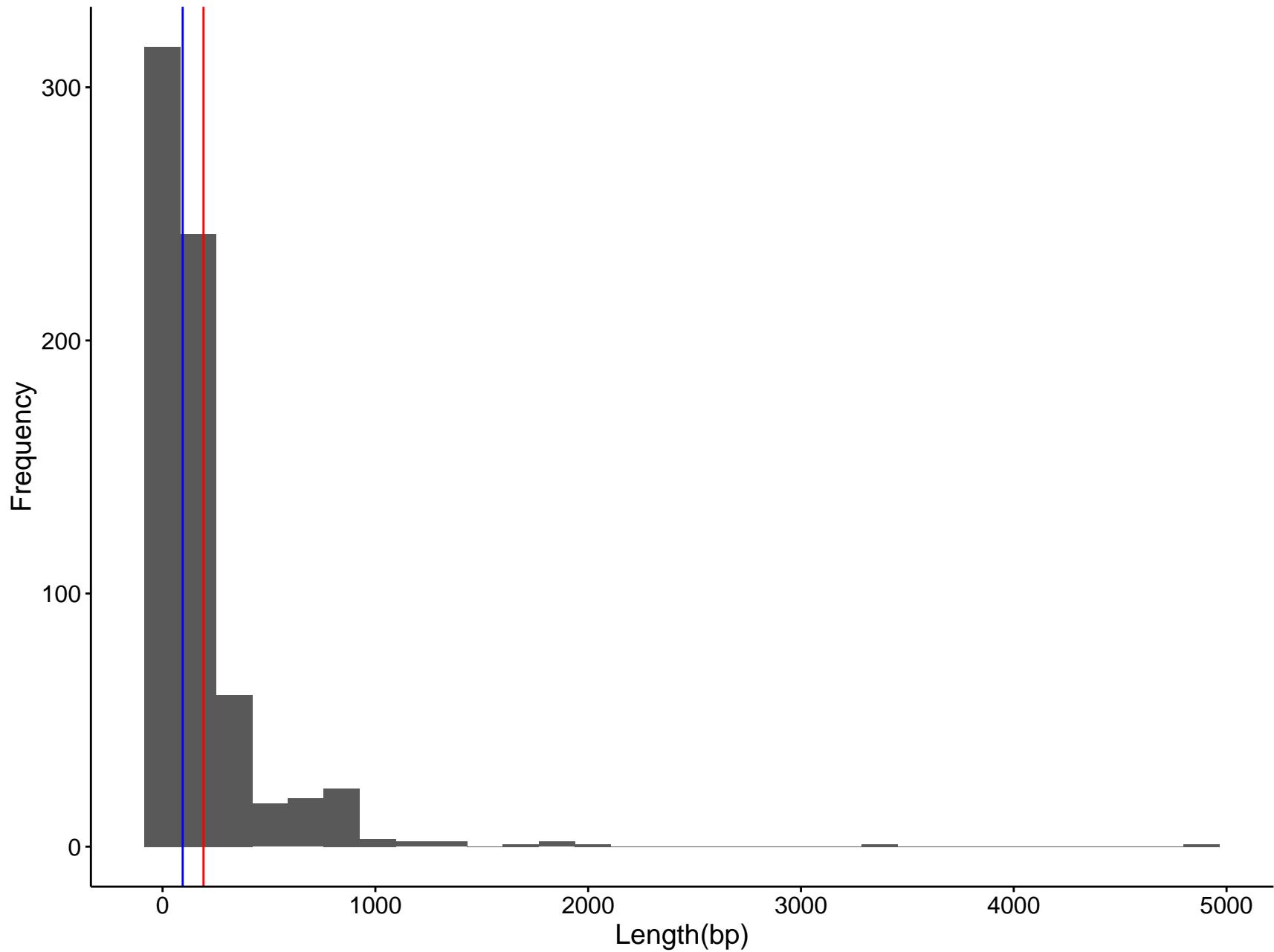
Cluster1608



Cluster1609



Cluster1610



Cluster1611

Frequency

2282.950

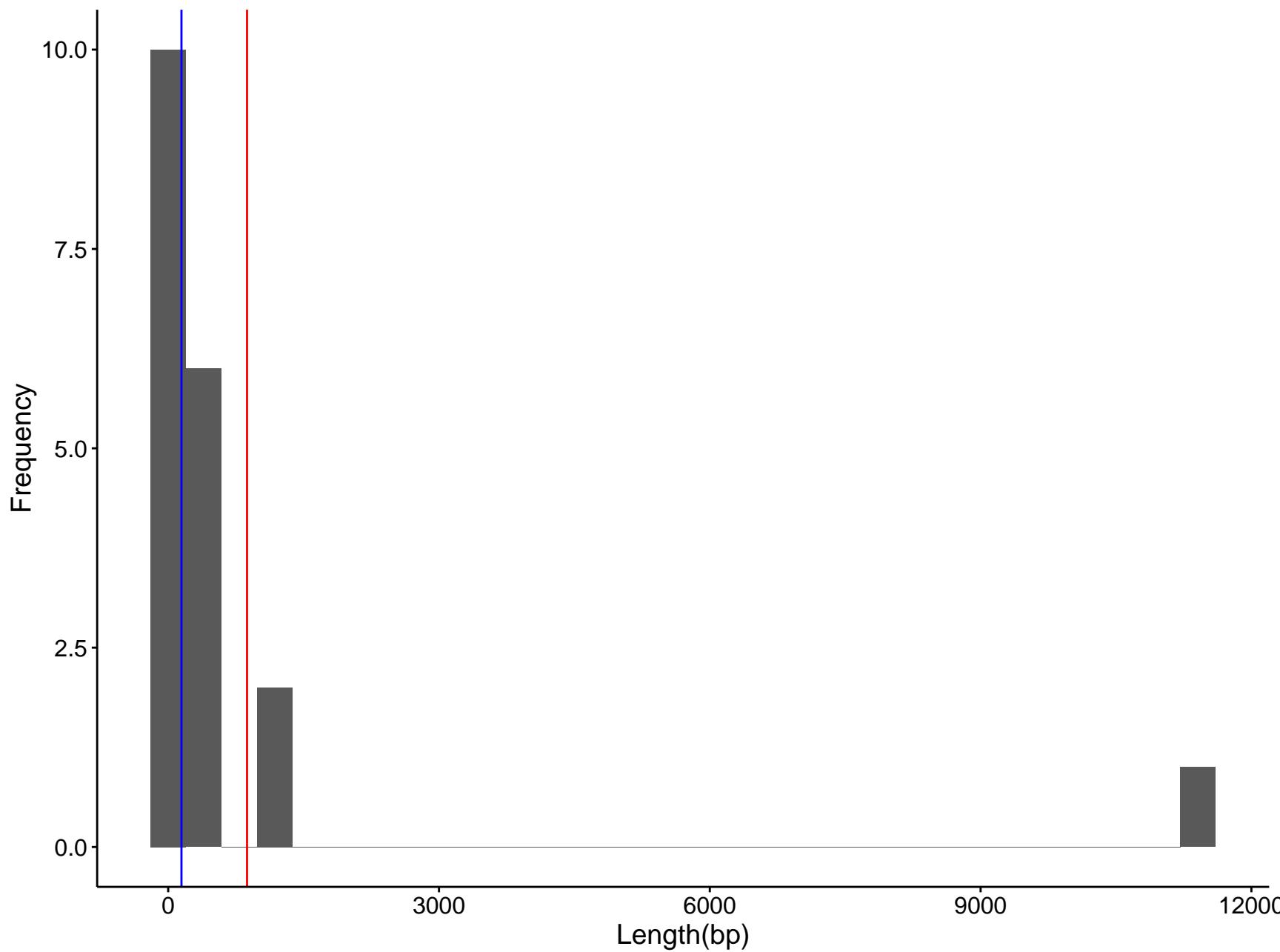
2282.975

2283.000
Length(bp)

2283.025

2283.

Cluster1613



Cluster1614

Frequency

3191.950

3191.975

3192.000

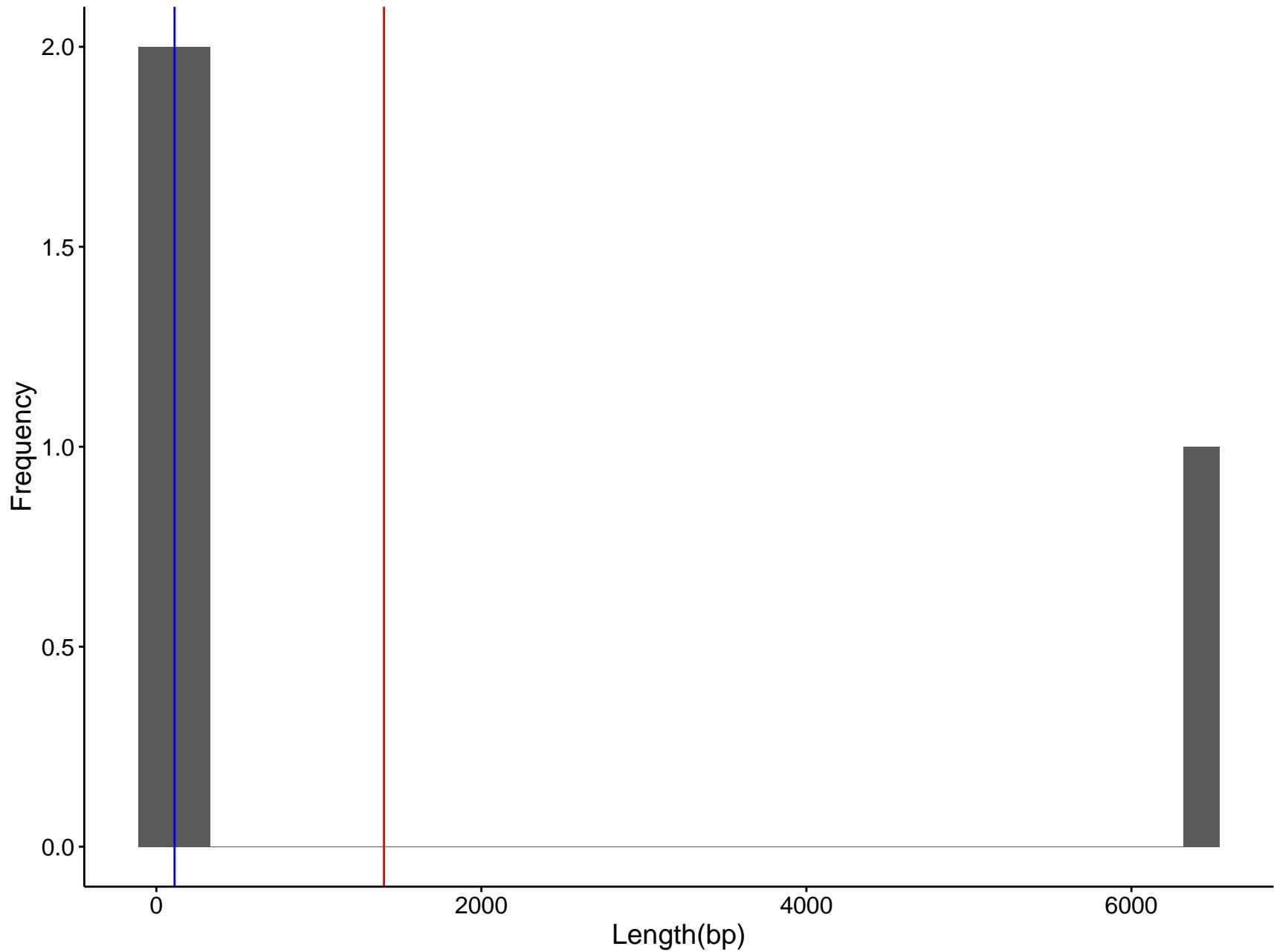
3192.025

3192.

Length(bp)



Cluster1615



Cluster1616

Frequency

584.950

584.975

585.000

585.025

Length(bp)



Cluster1617

Frequency

180.950

180.975

181.000

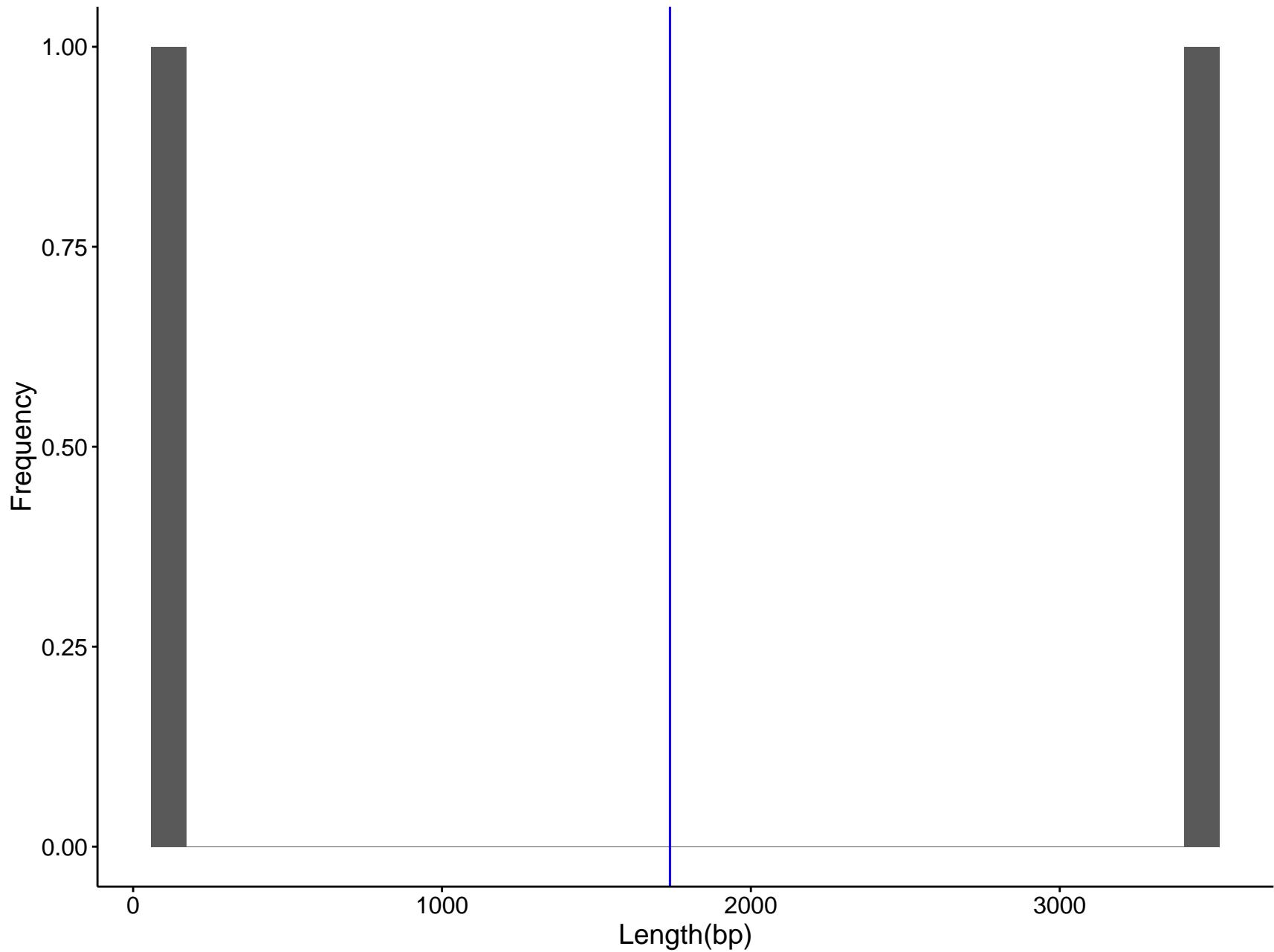
181.025

181.050

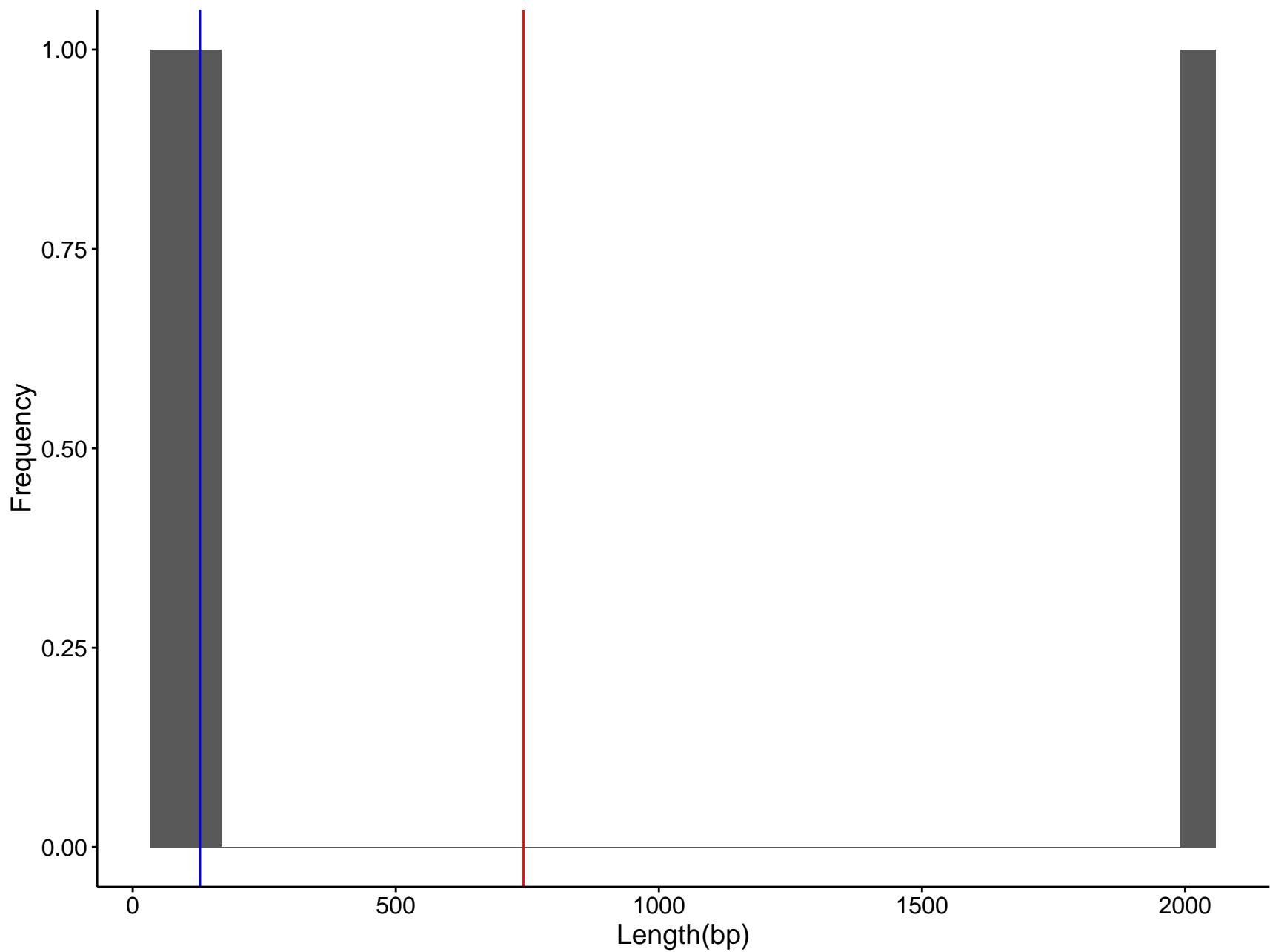
Length(bp)



Cluster1619



Cluster1620



Cluster1621

Frequency

408.950

408.975

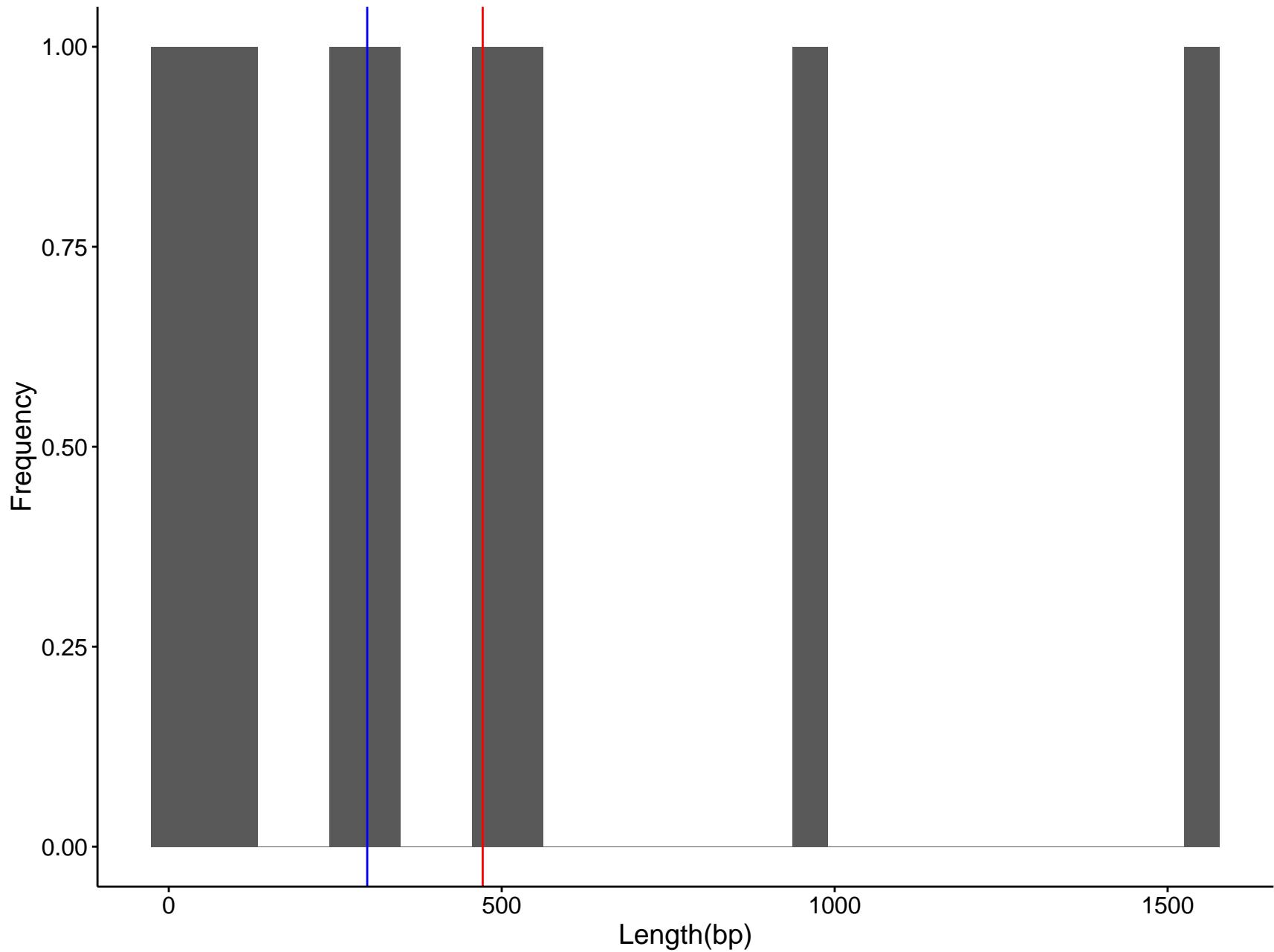
409.000

409.025

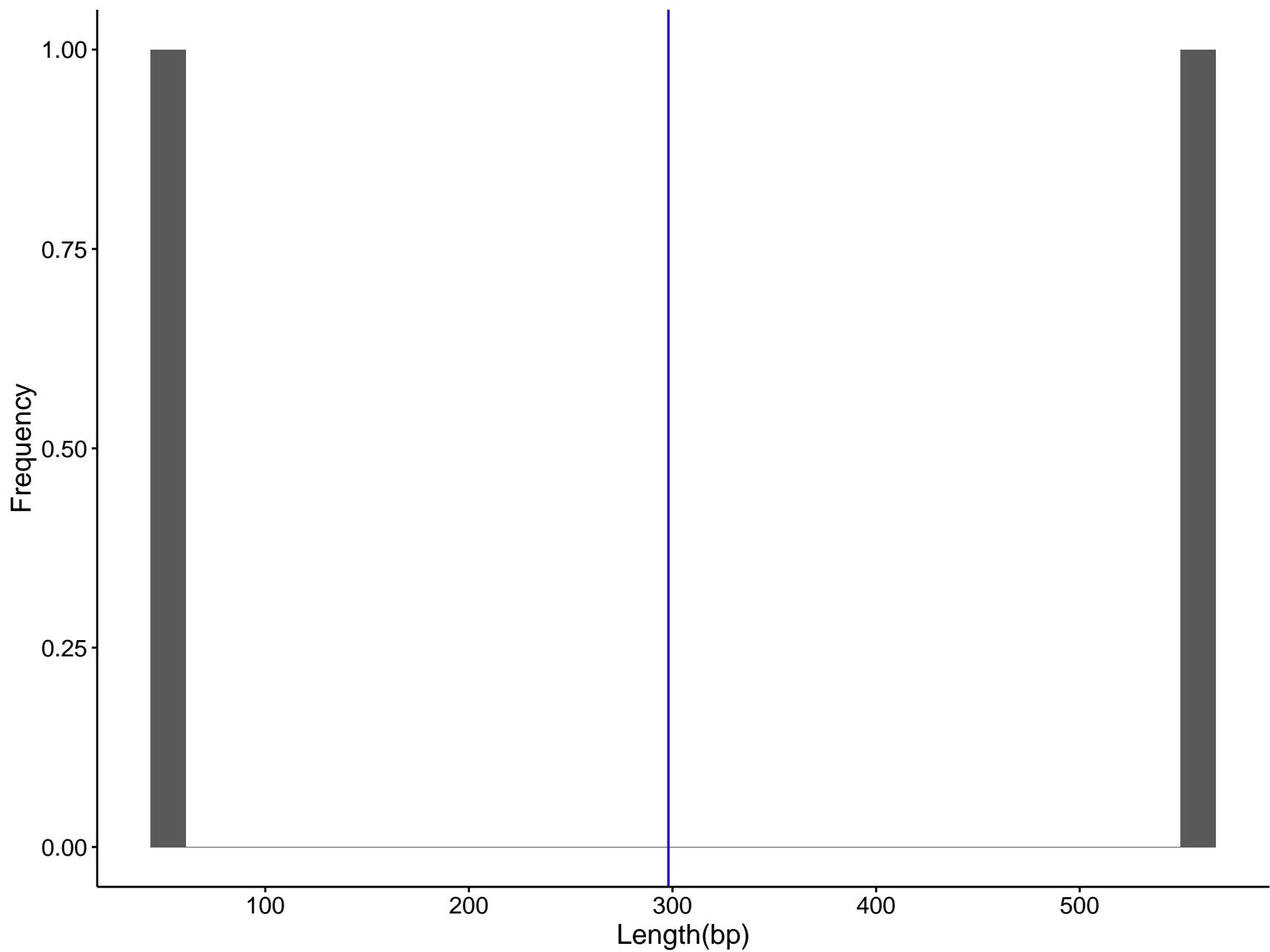
Length(bp)



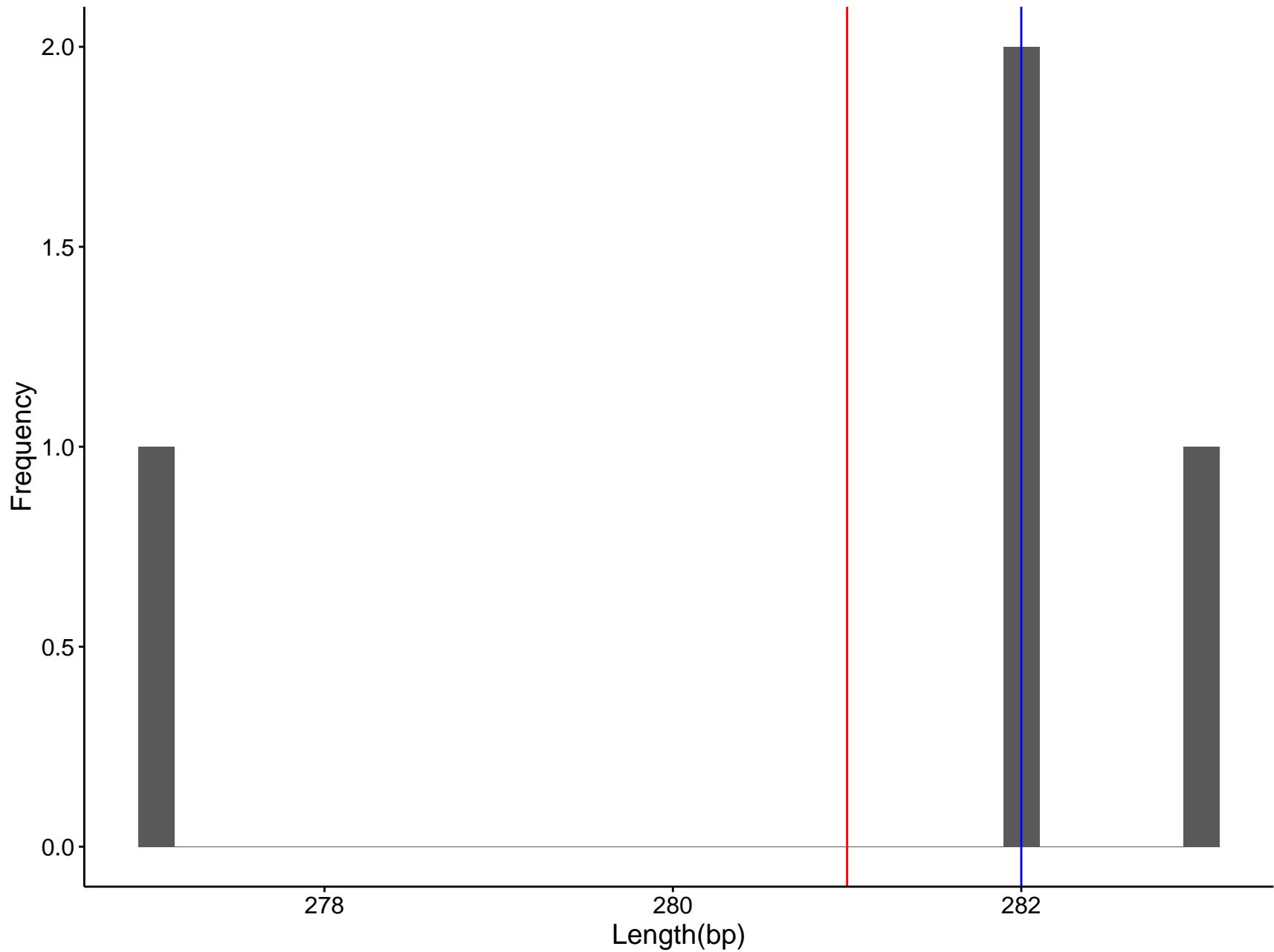
Cluster1622



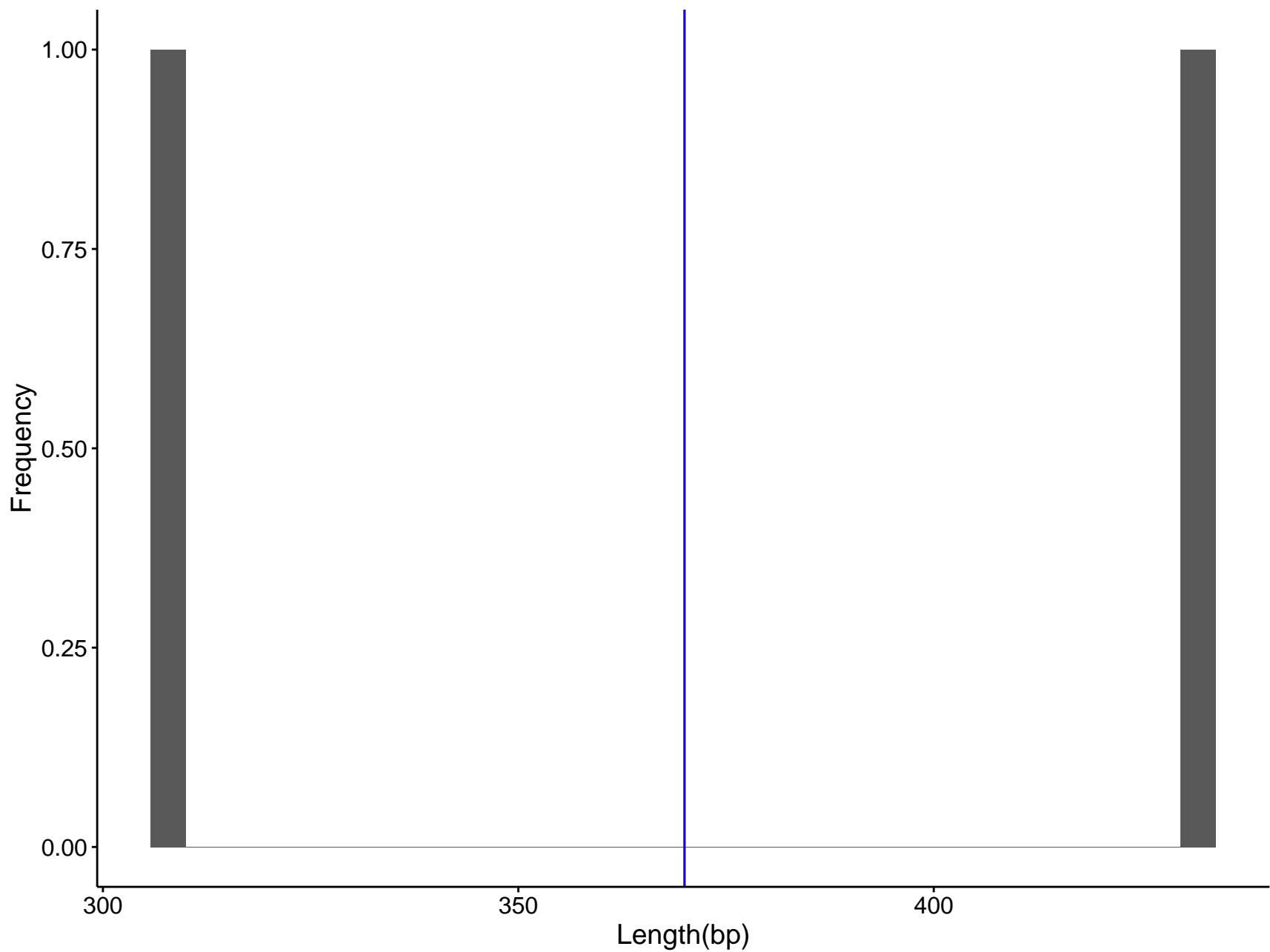
Cluster1624



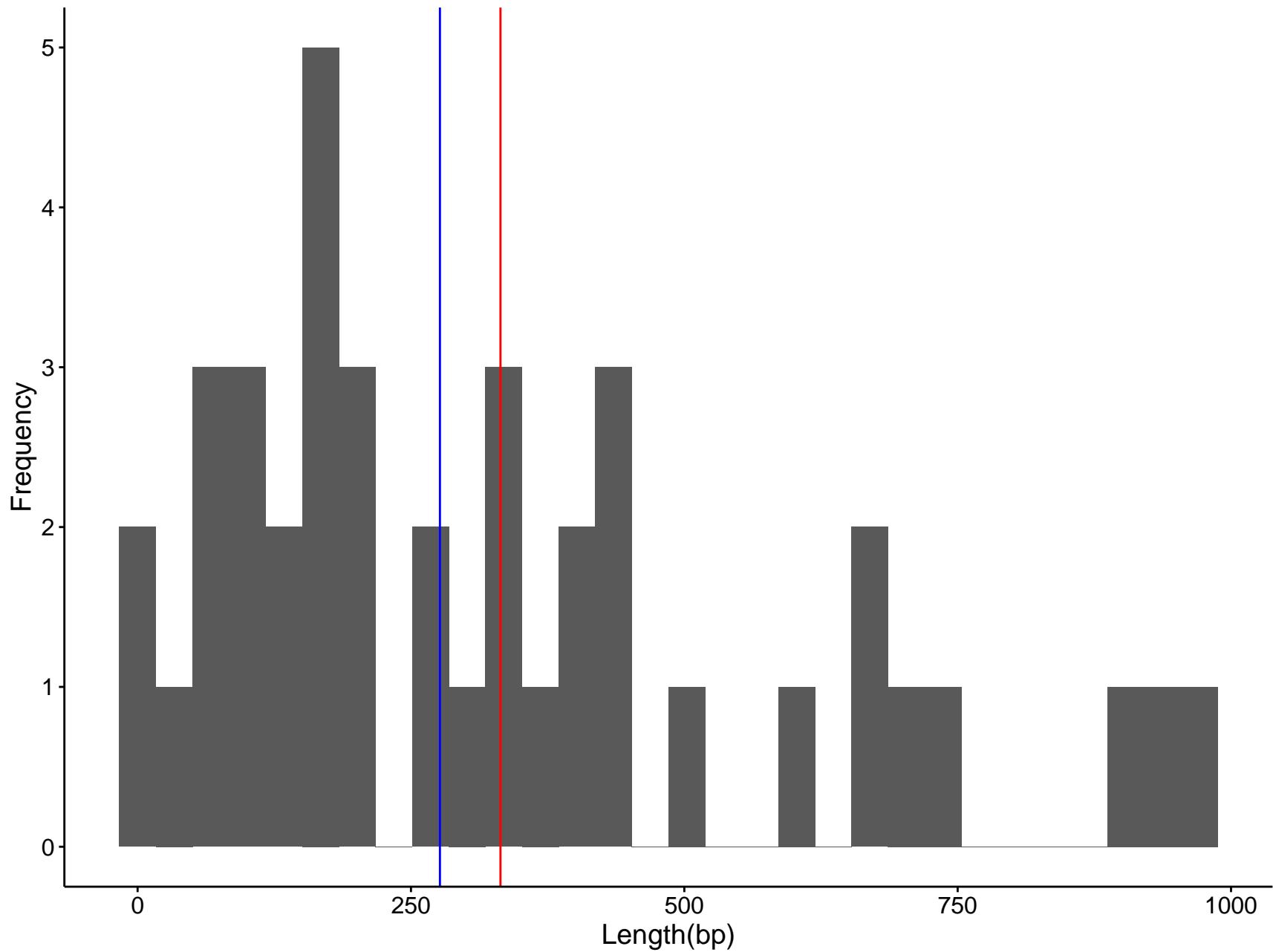
Cluster1625



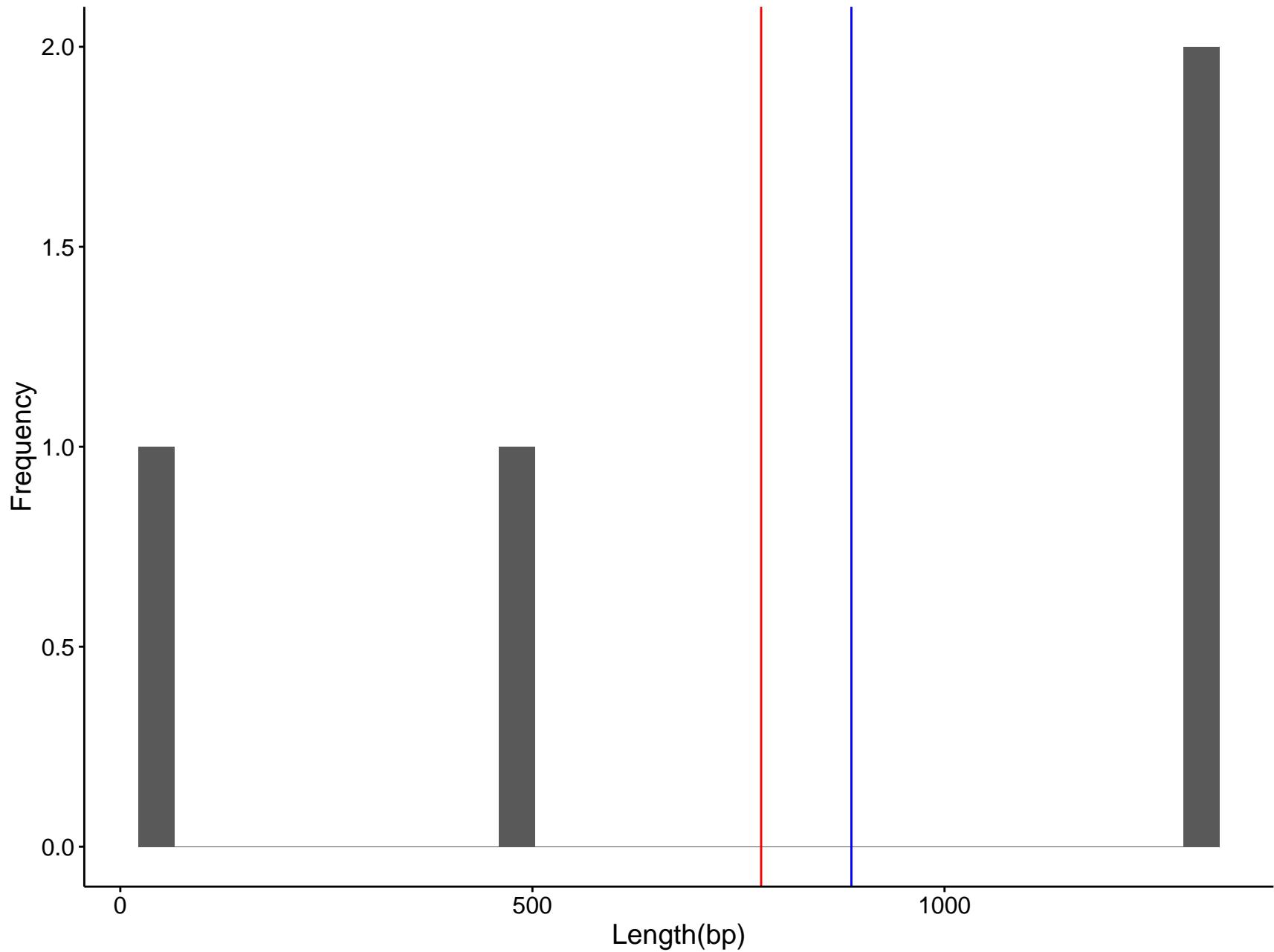
Cluster1626



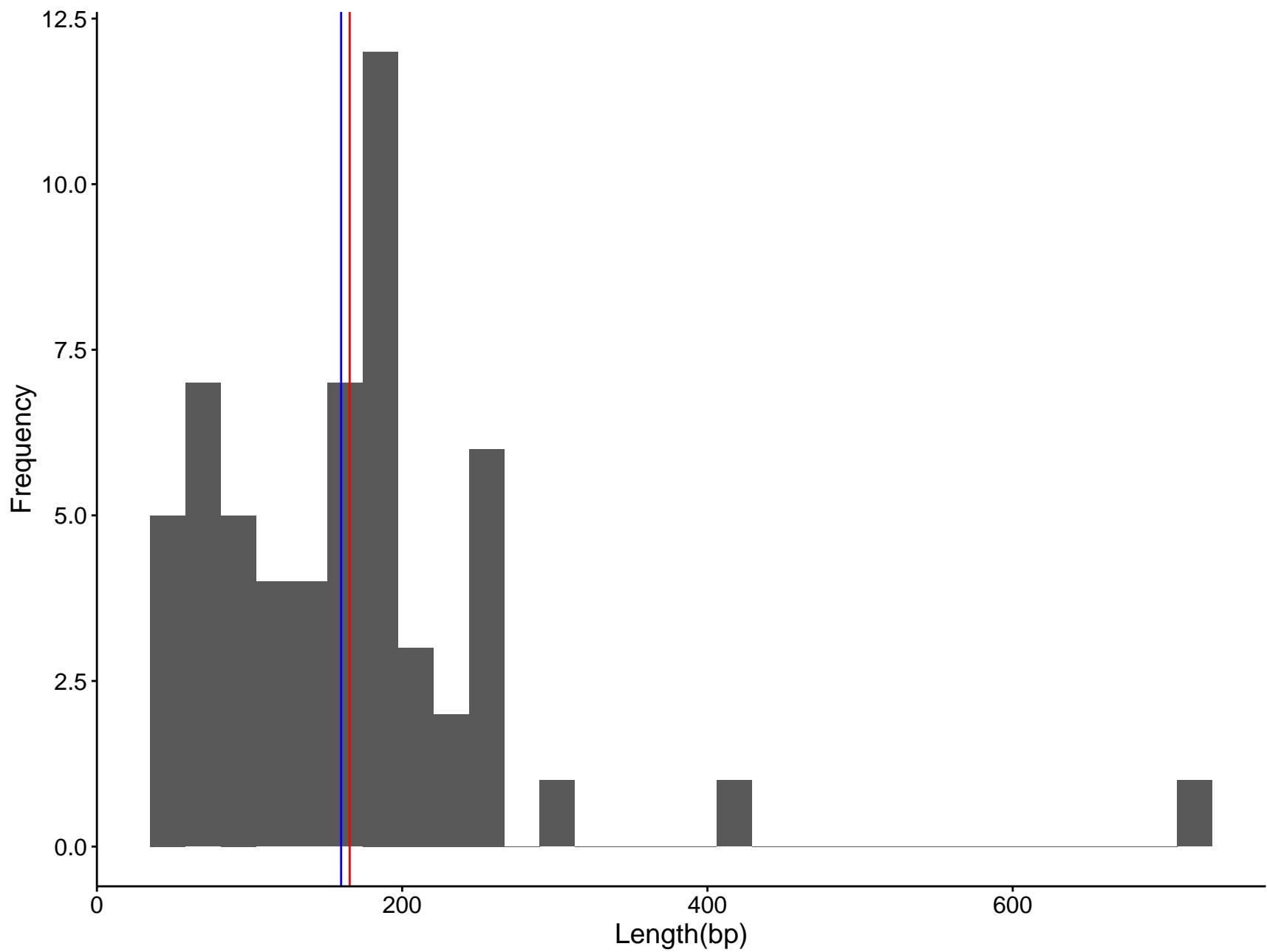
Cluster1627



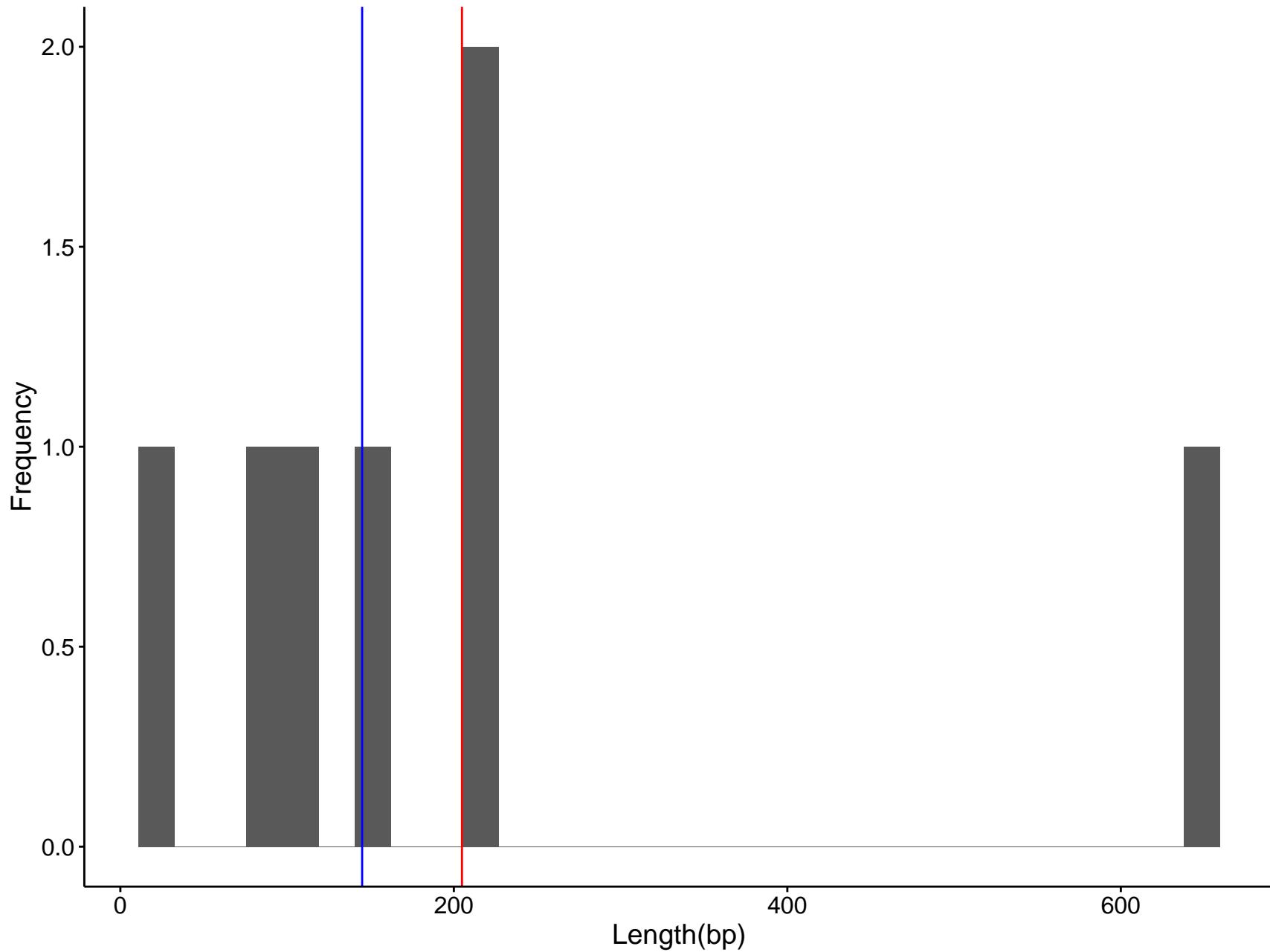
Cluster1629



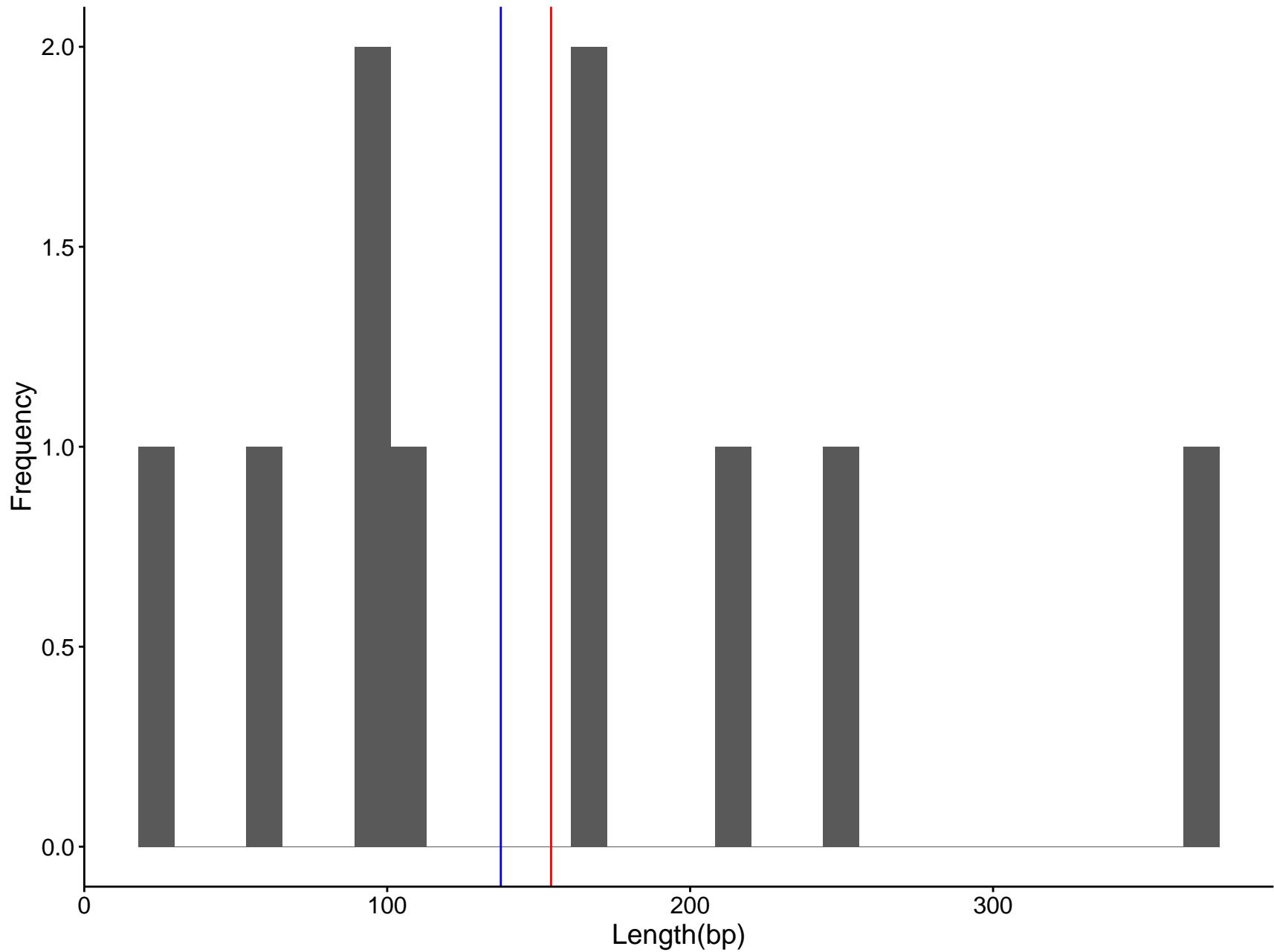
Cluster162



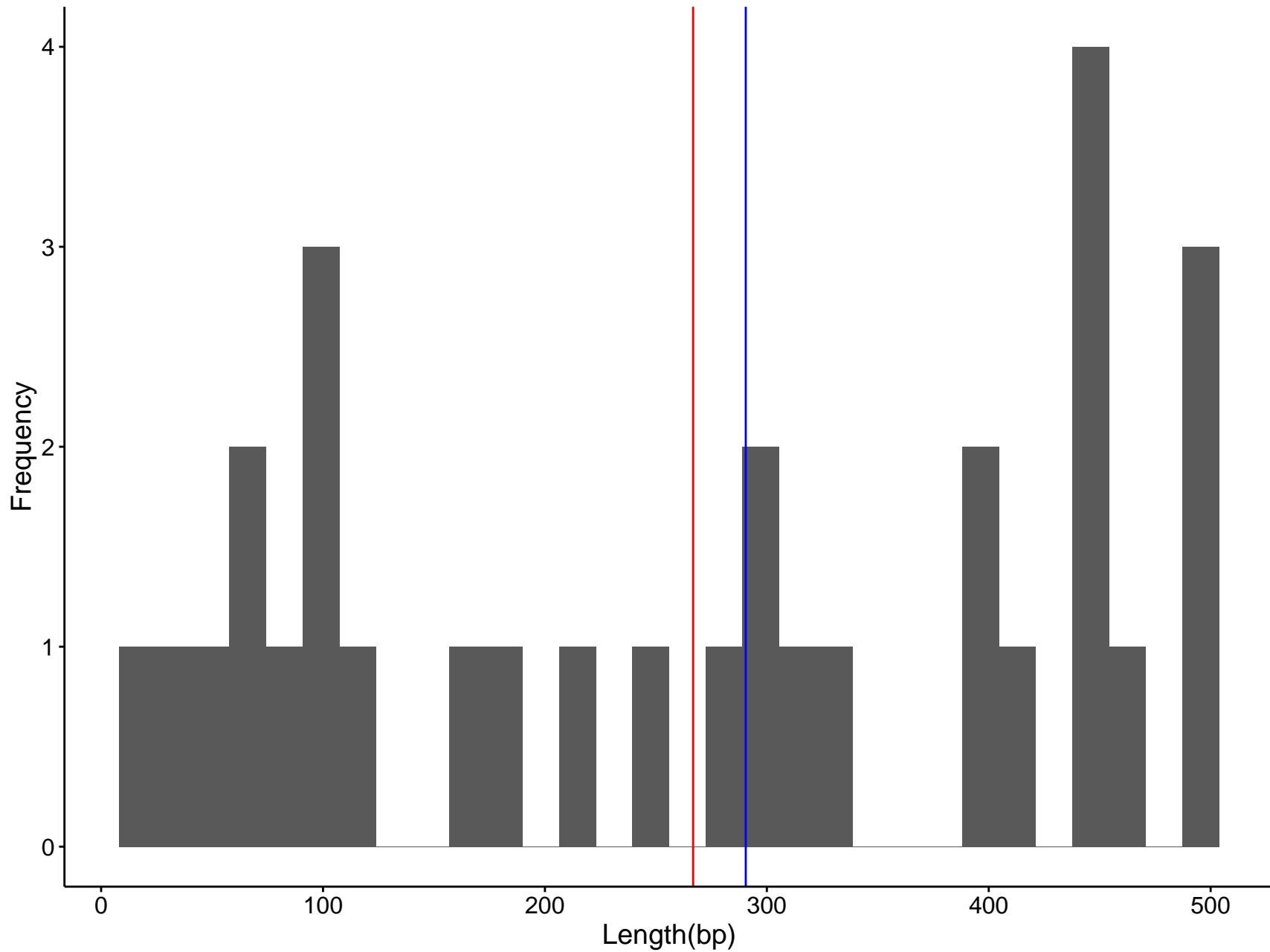
Cluster1631



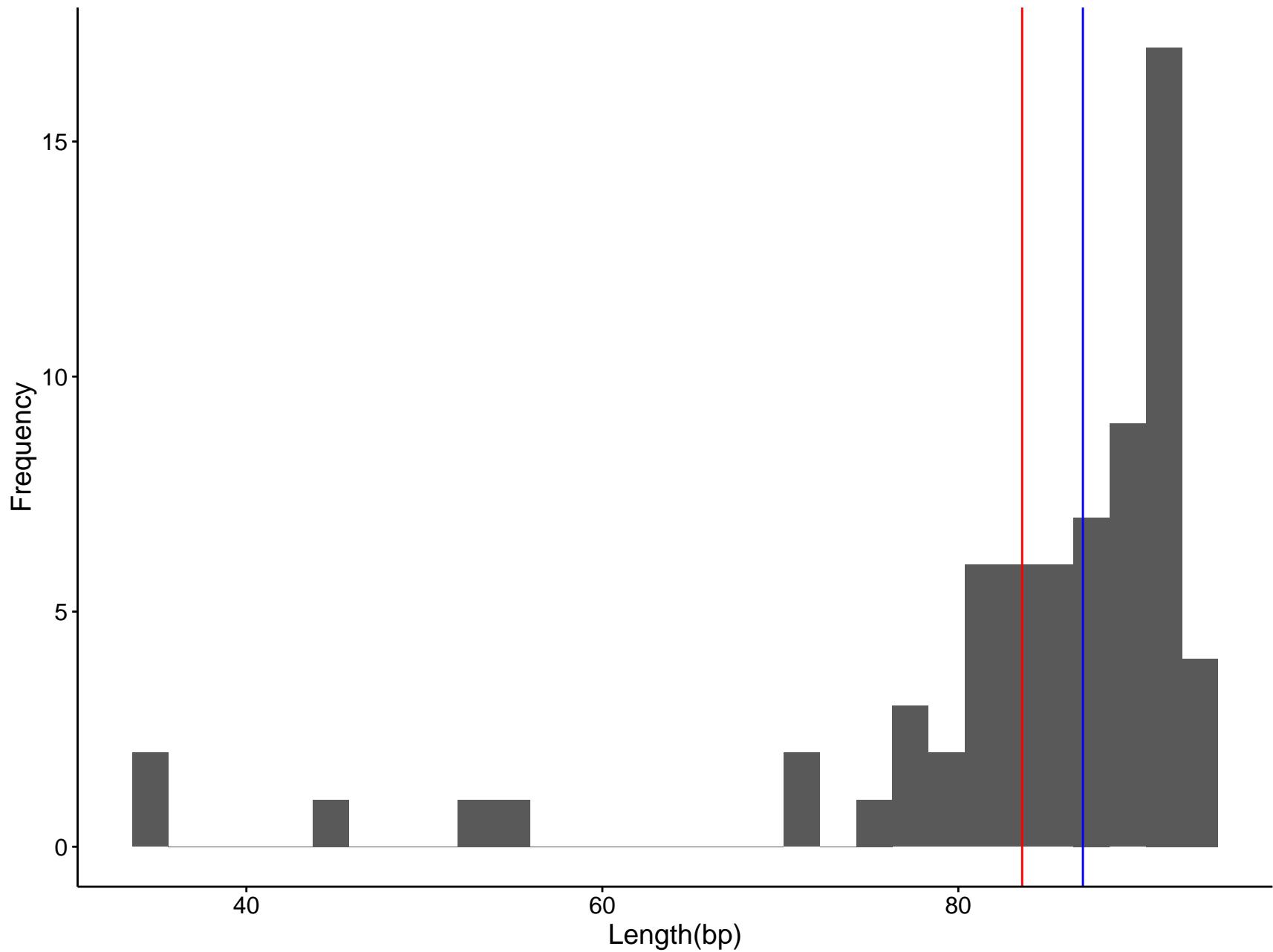
Cluster1635



Cluster1637



Cluster1640



Cluster1641

Frequency

55.950

55.975

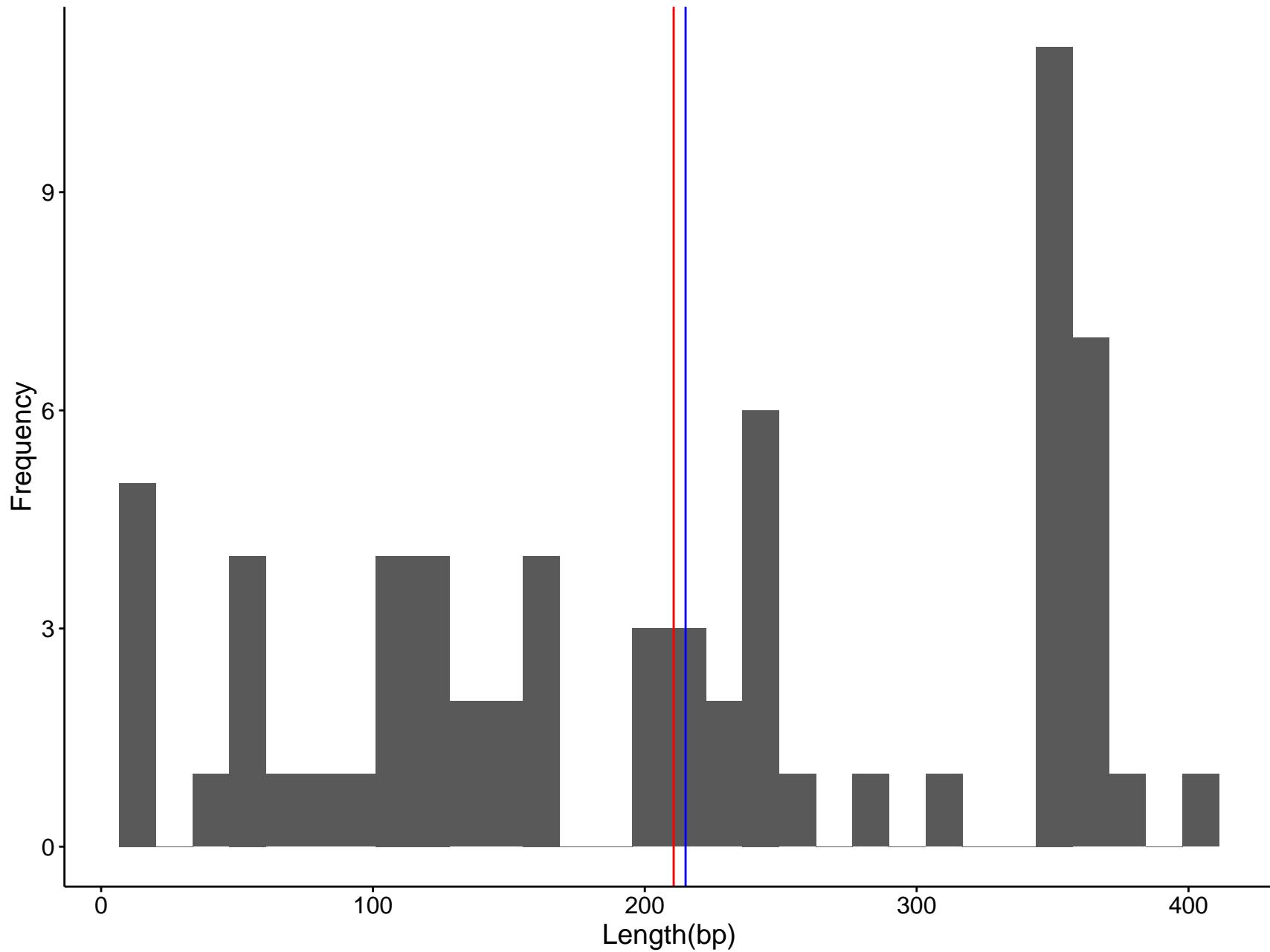
56.000

56.025

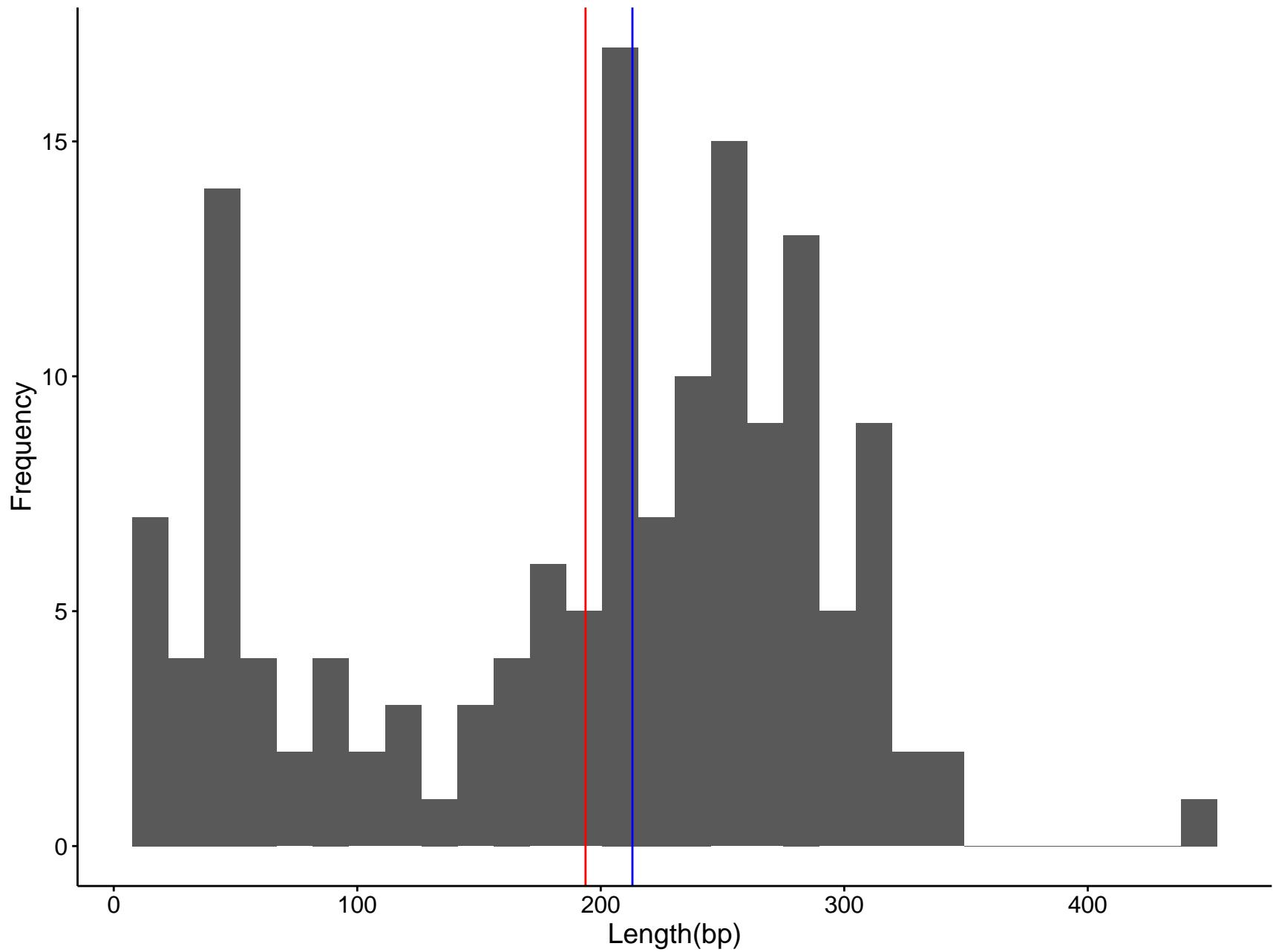
Length(bp)



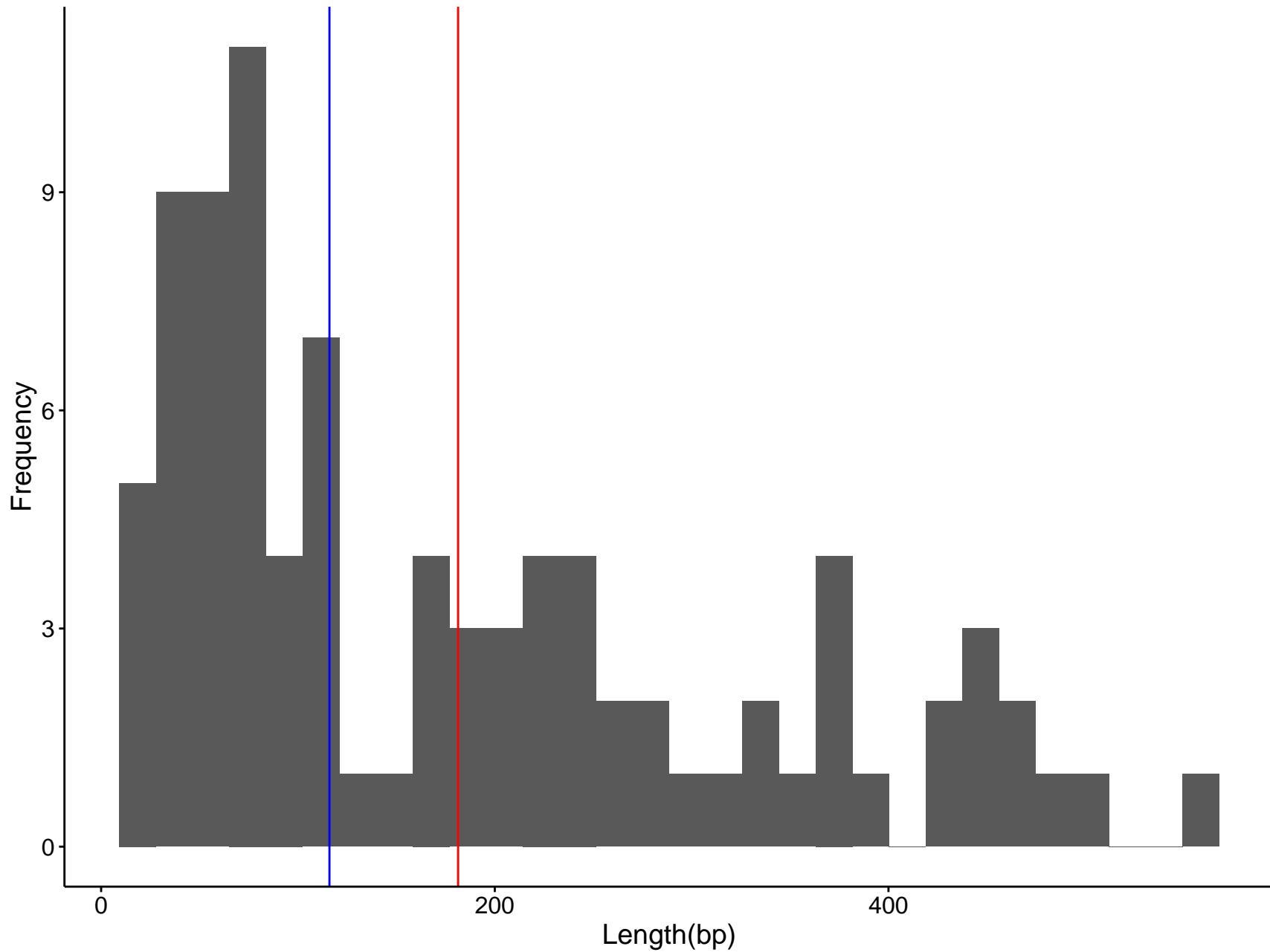
Cluster1643



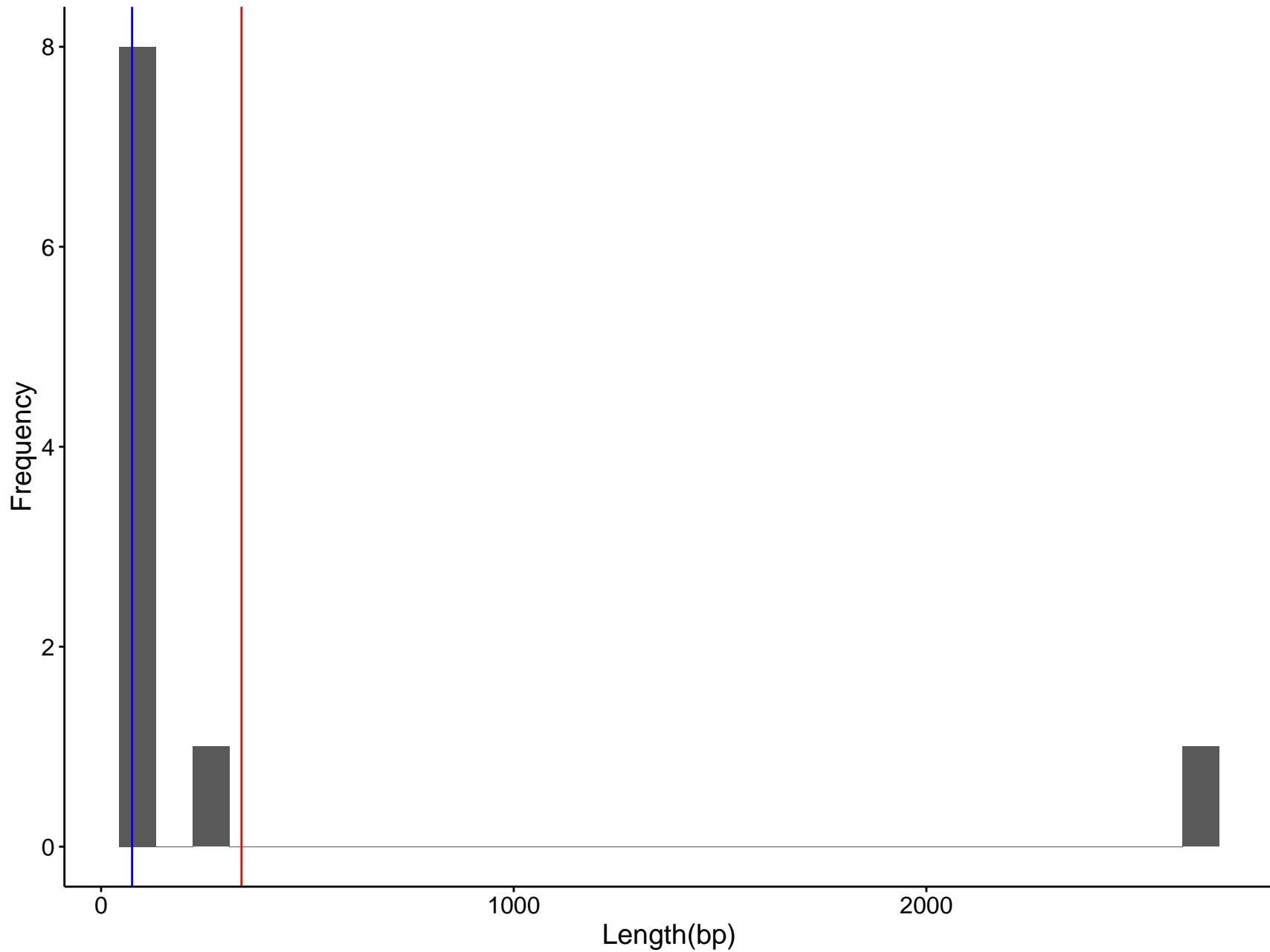
Cluster1644



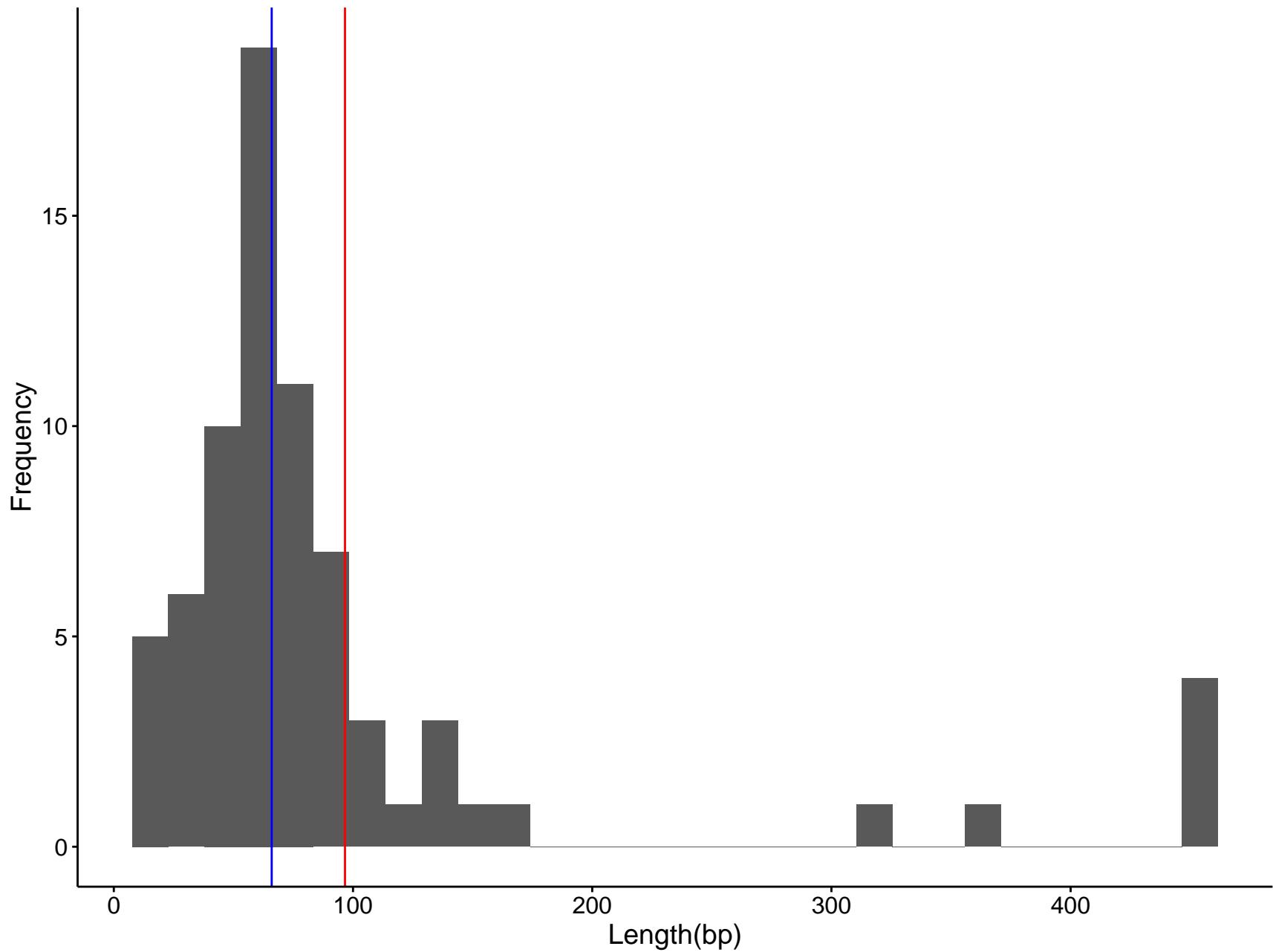
Cluster1645



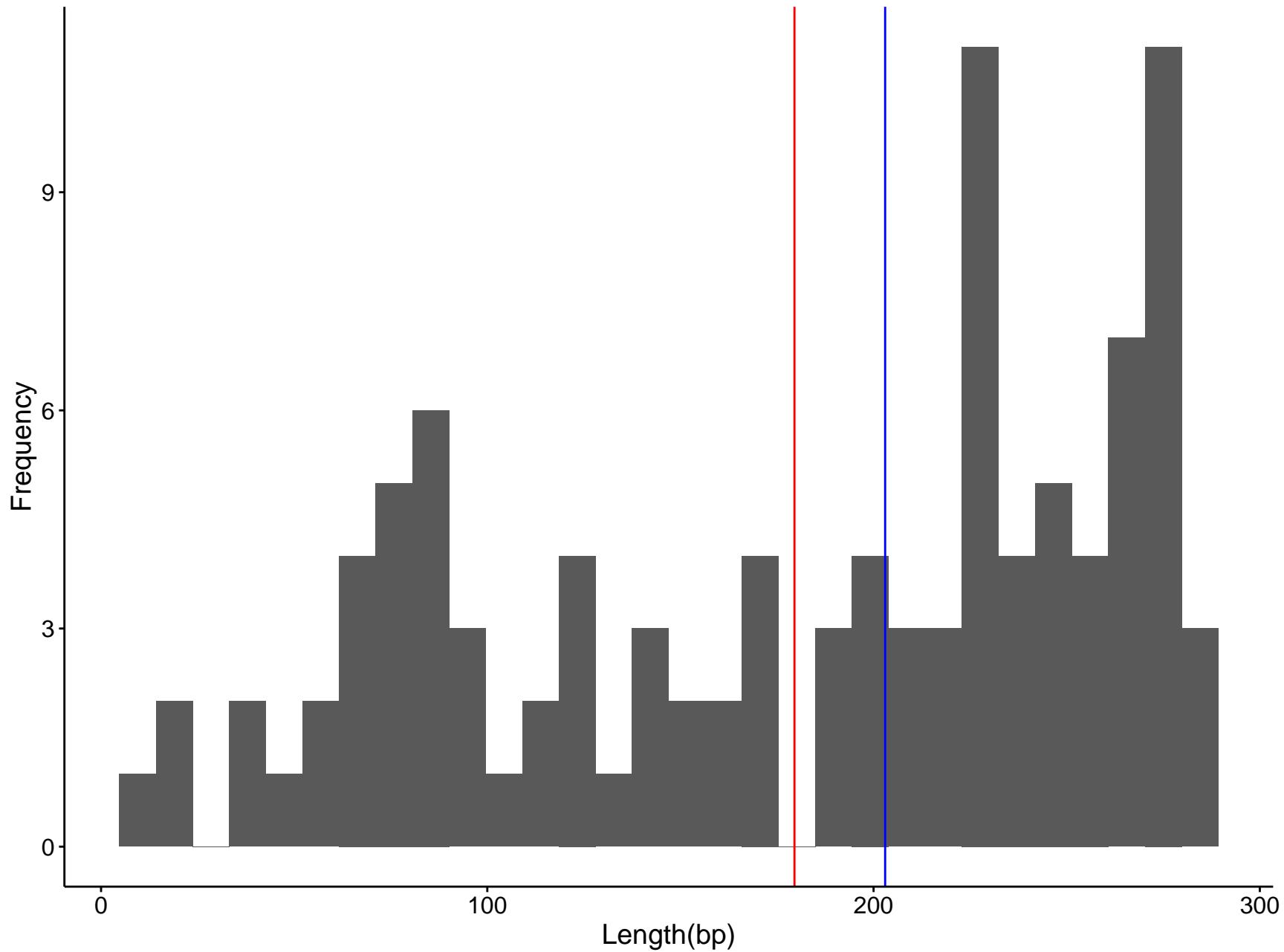
Cluster1646



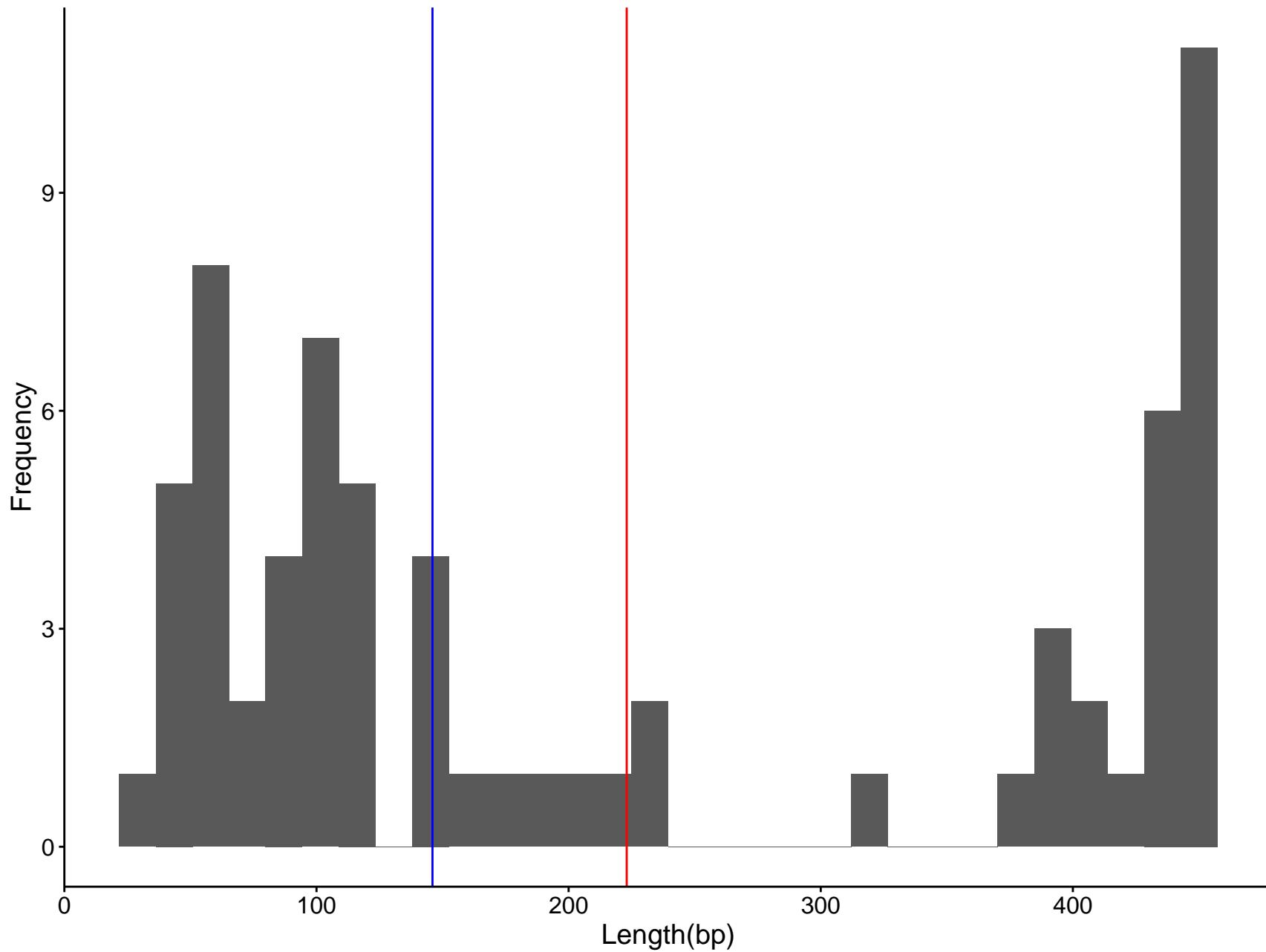
Cluster1647



Cluster1648



Cluster1649



Cluster164

Frequency

168.950

168.975

169.000

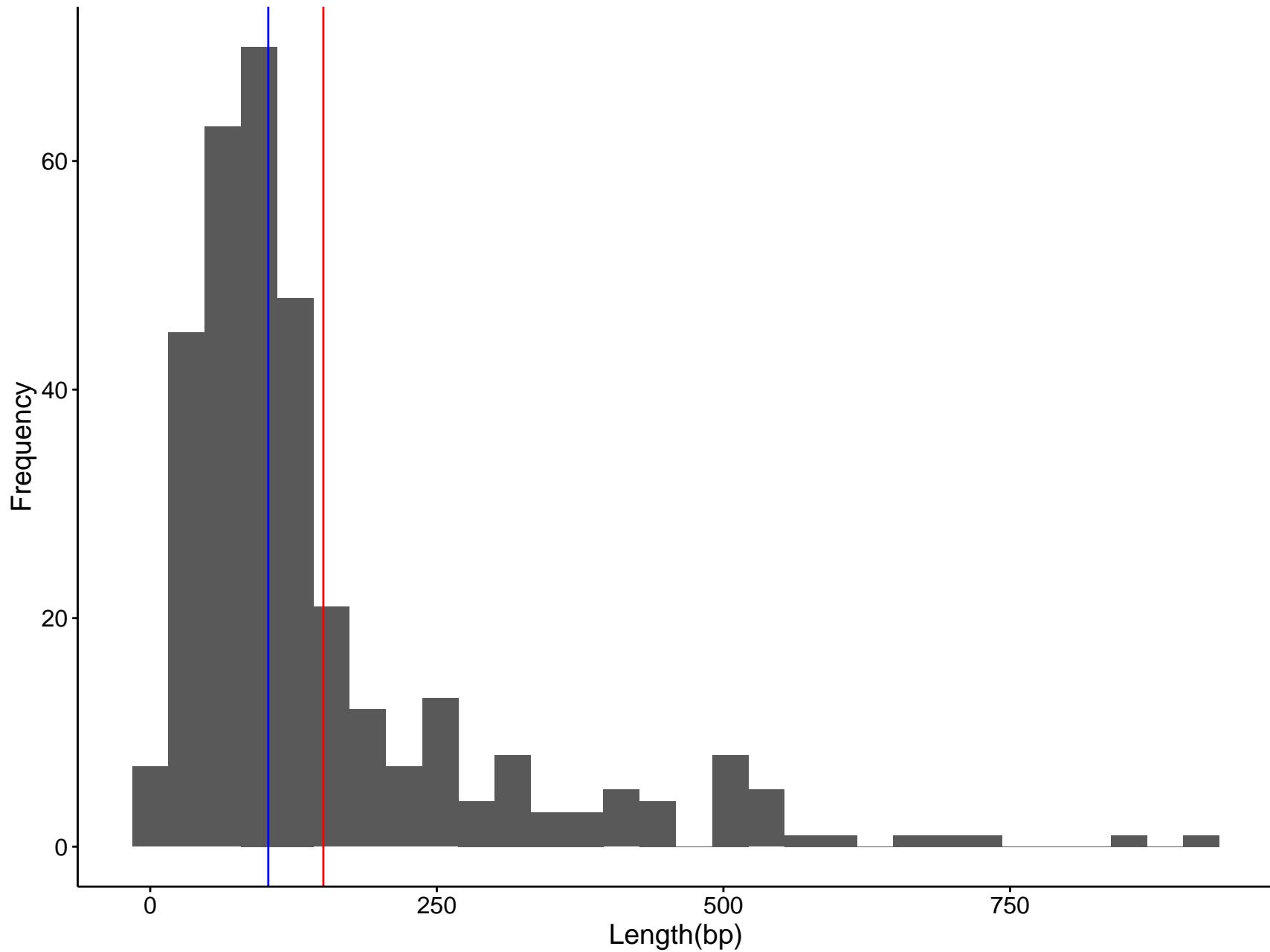
169.025

169.050

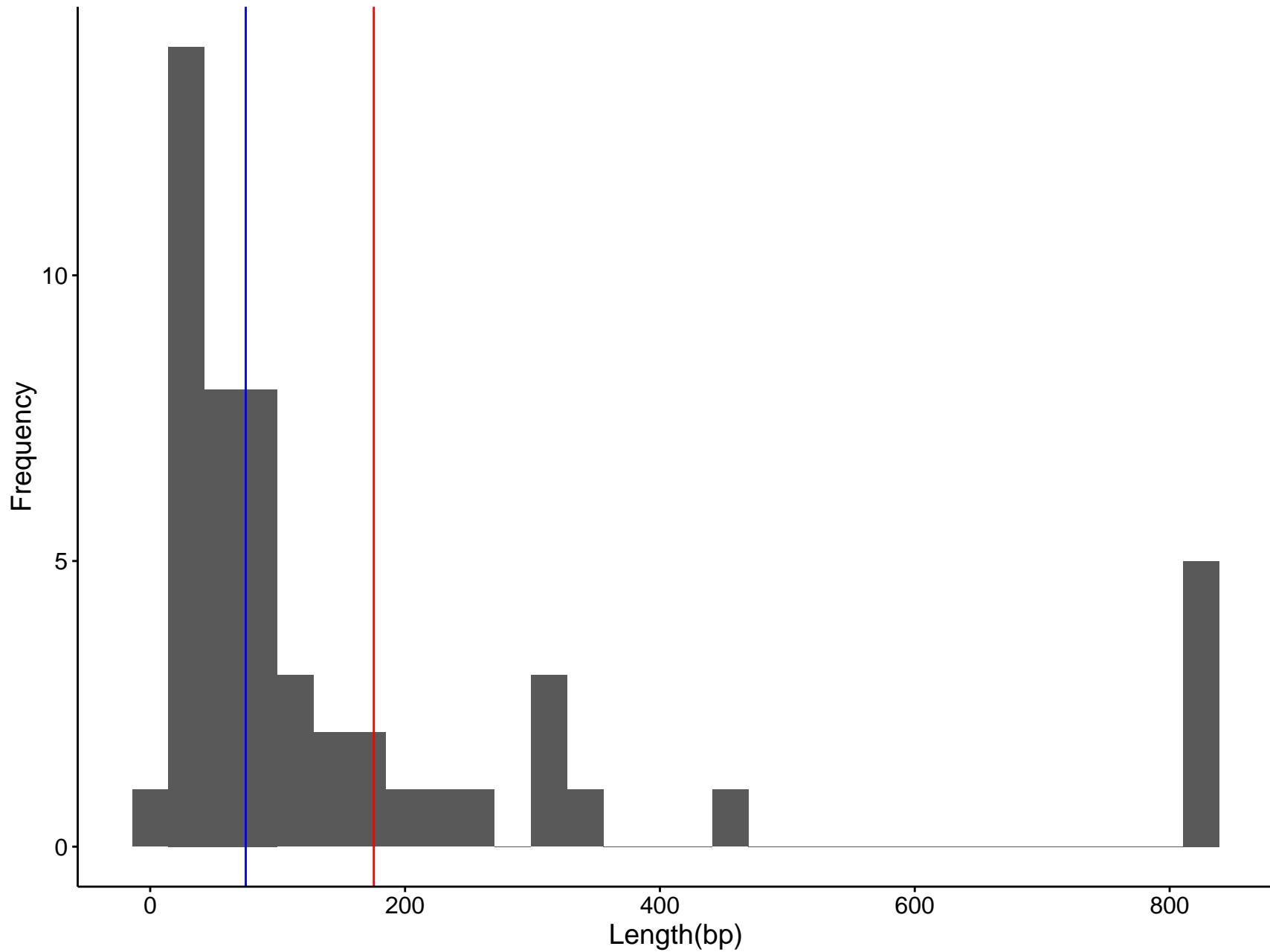
Length(bp)



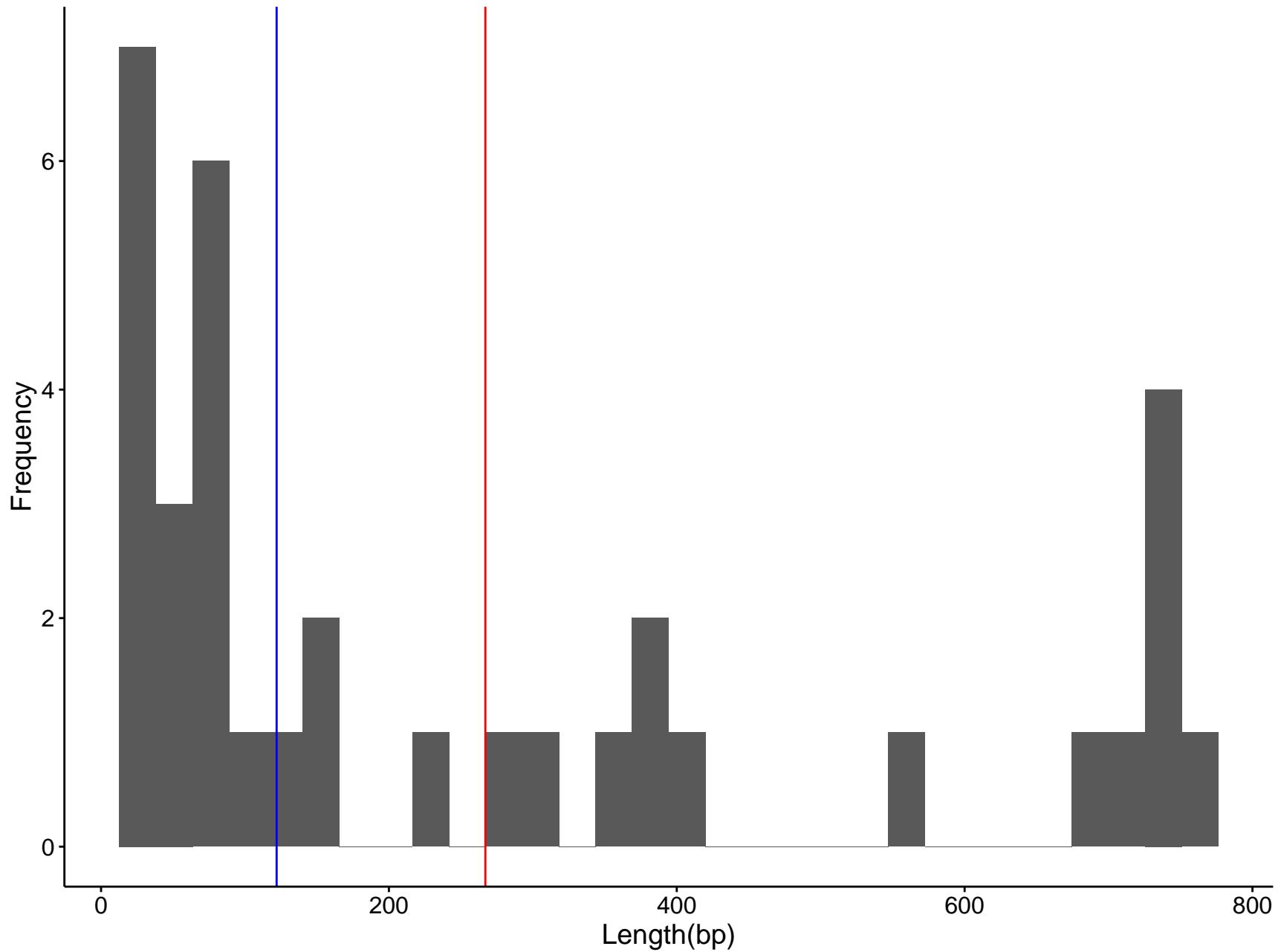
Cluster1650



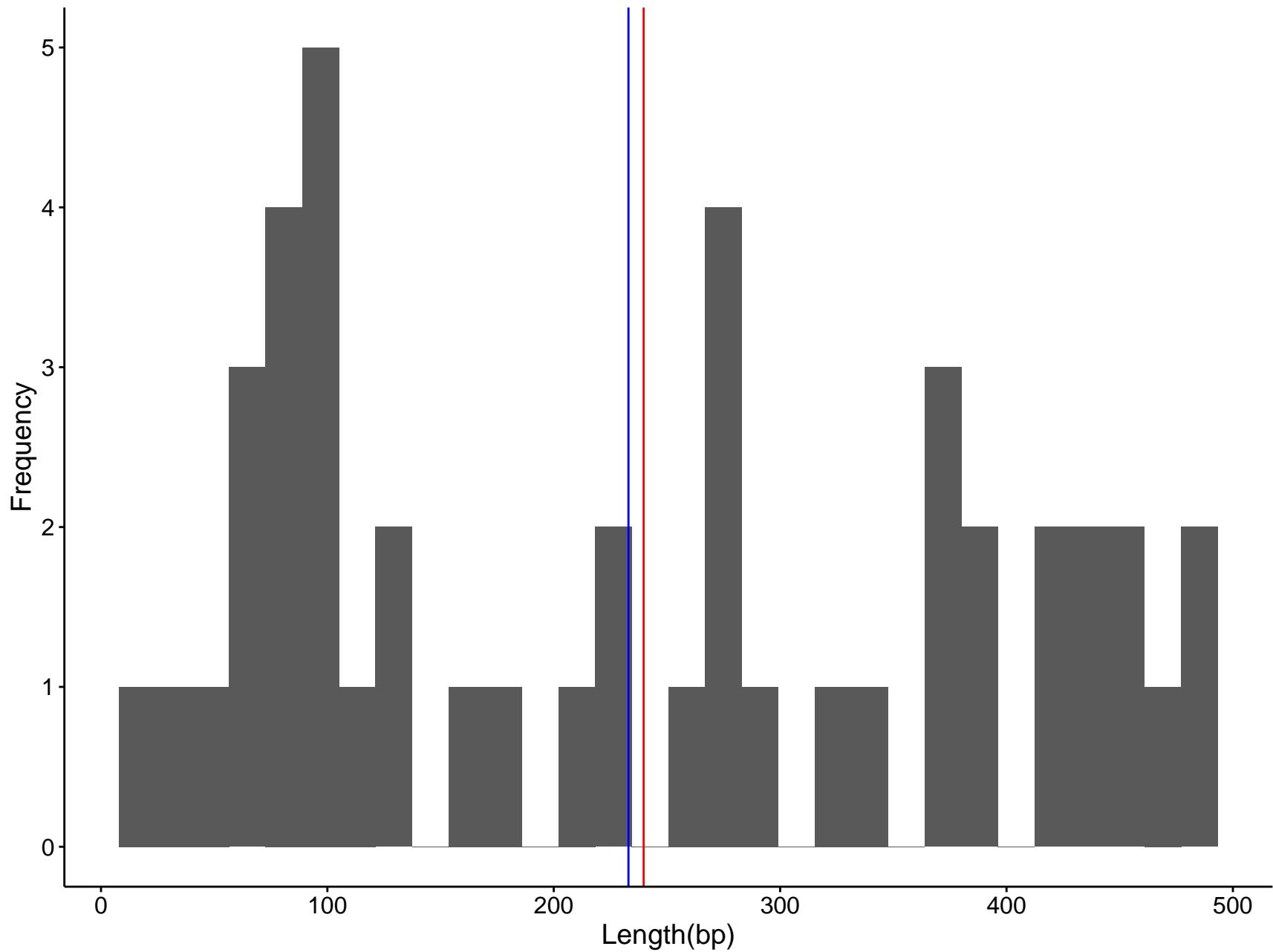
Cluster1651



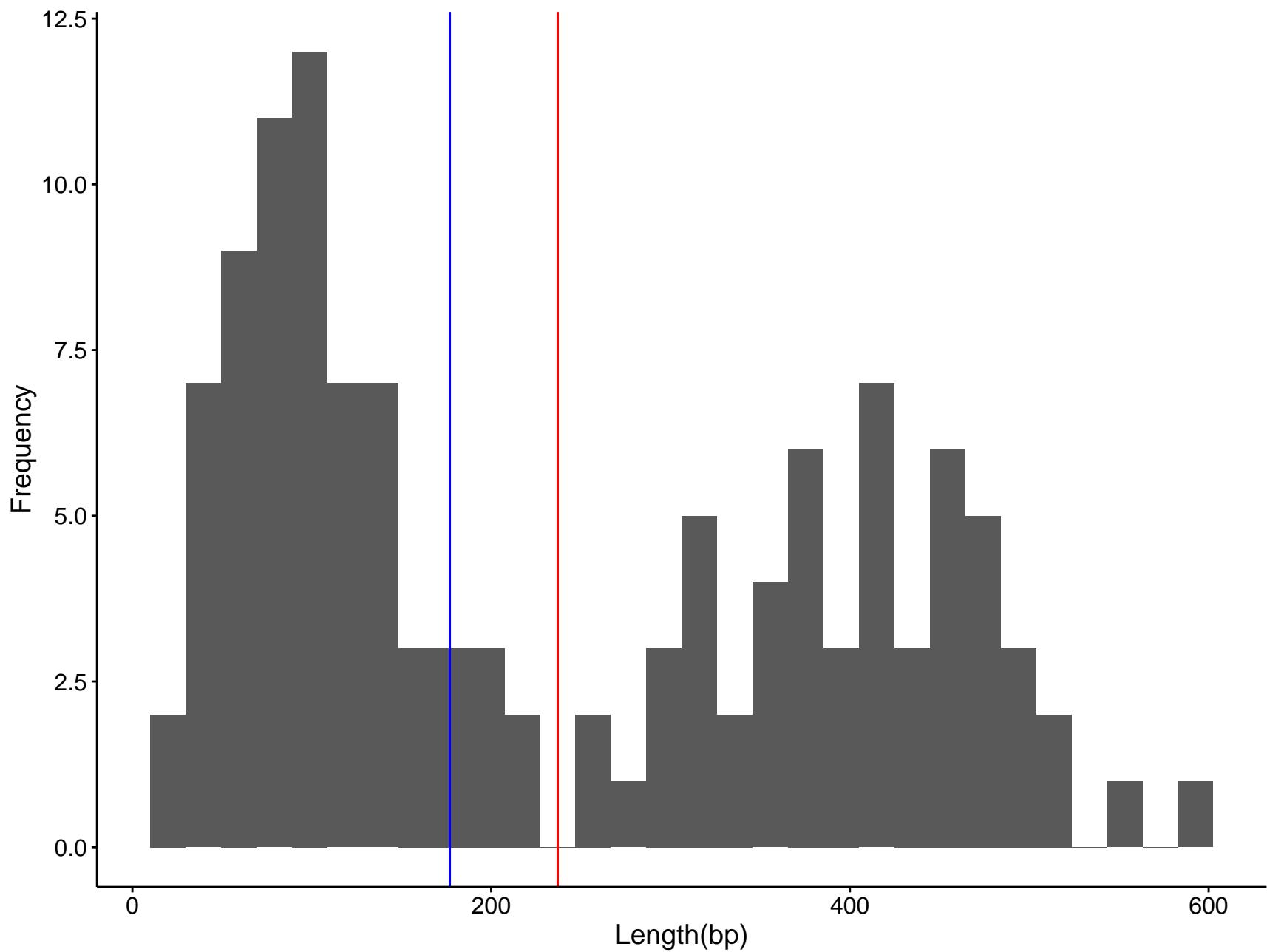
Cluster1652



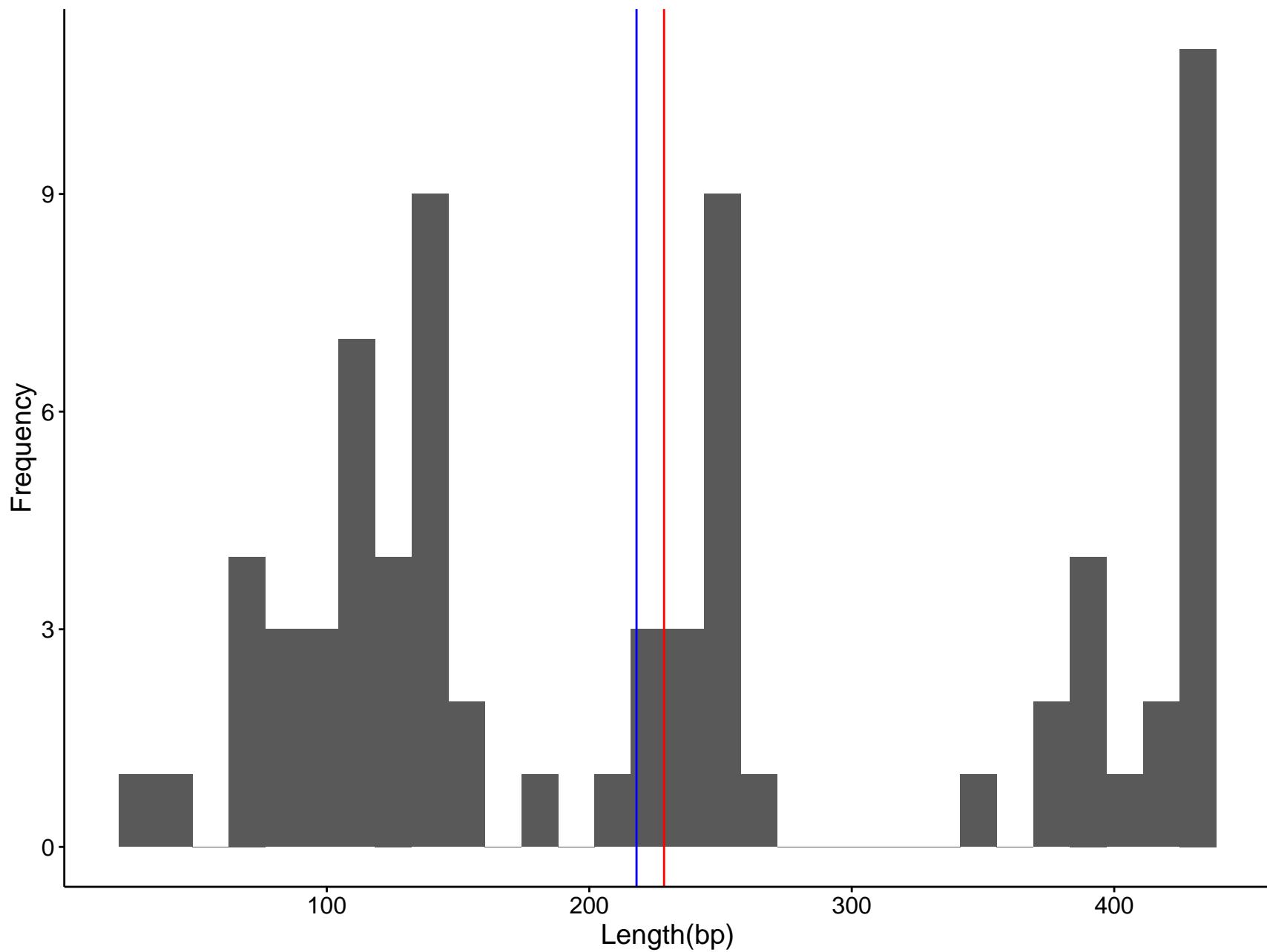
Cluster1653



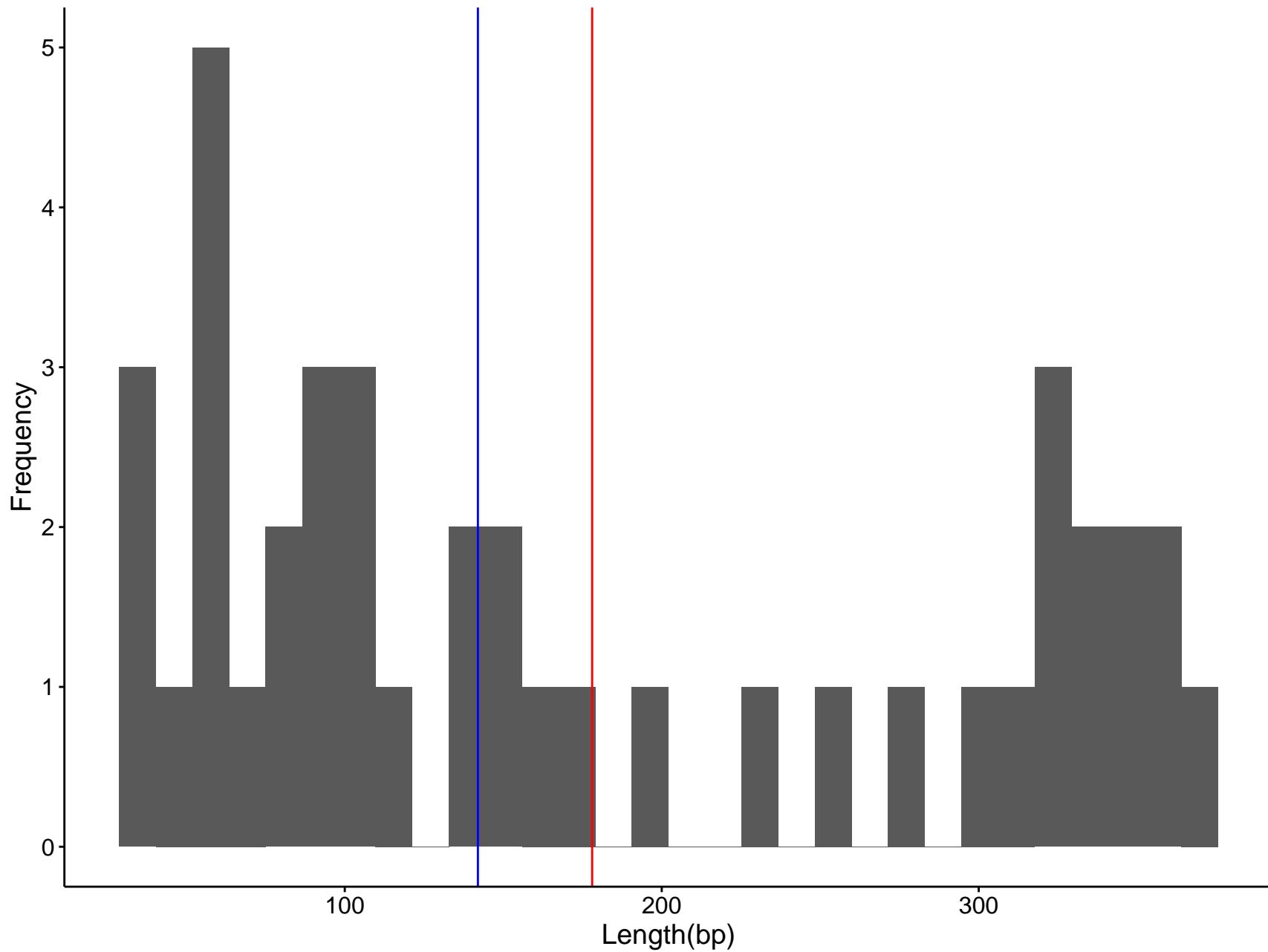
Cluster1654



Cluster1655



Cluster1656



Cluster1657

Frequency

31.950

31.975

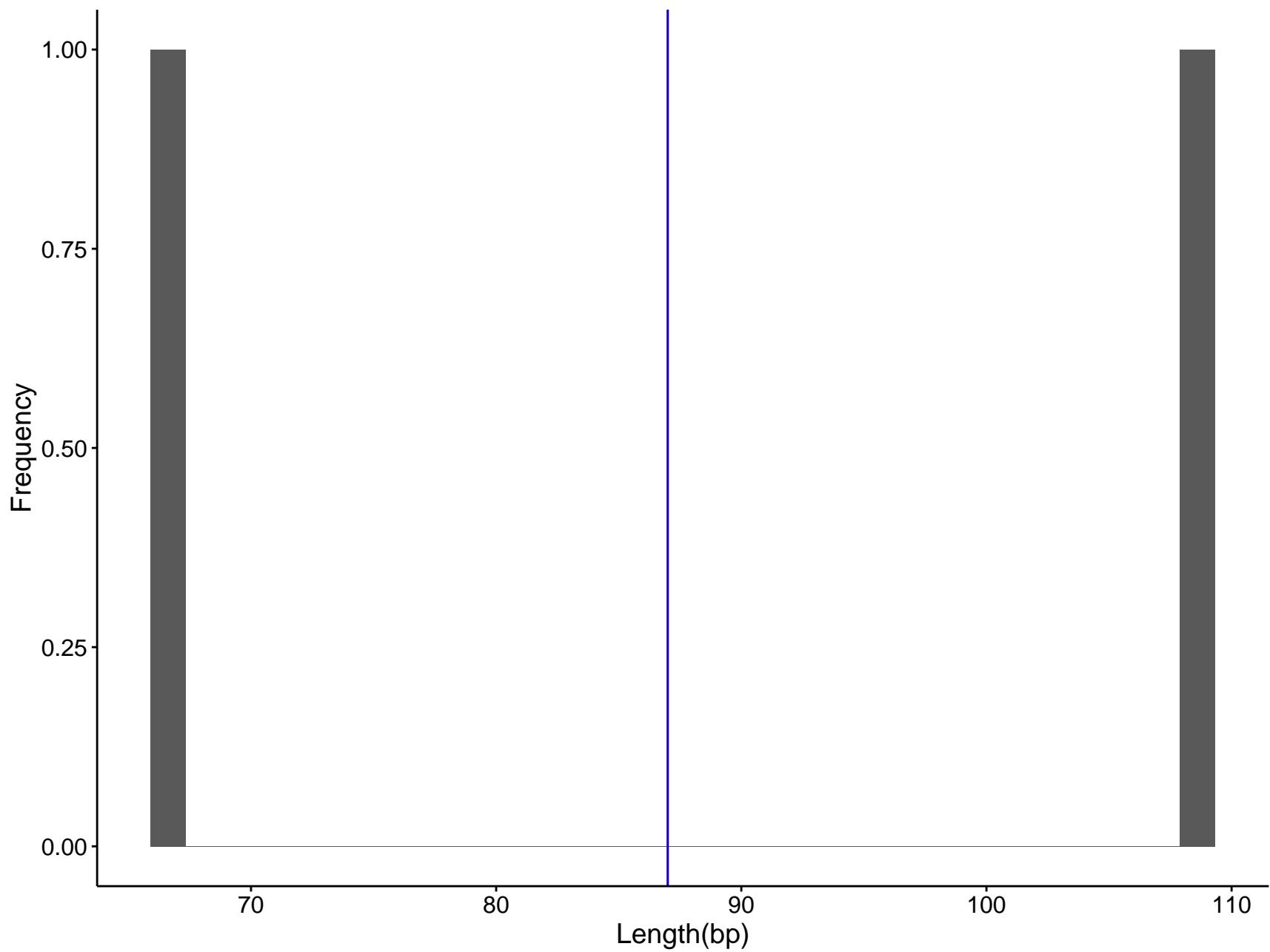
32.000

32.025

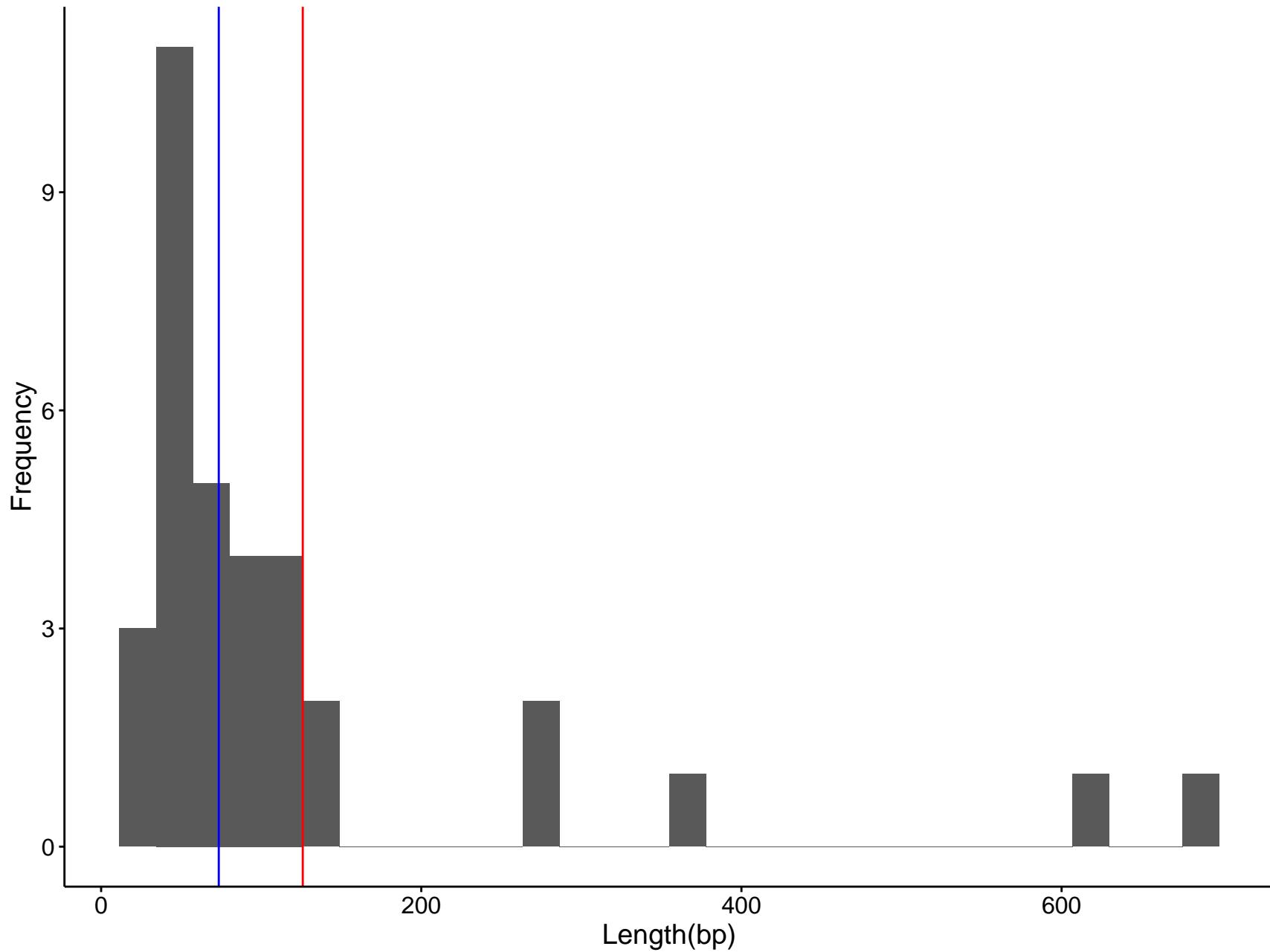
Length(bp)



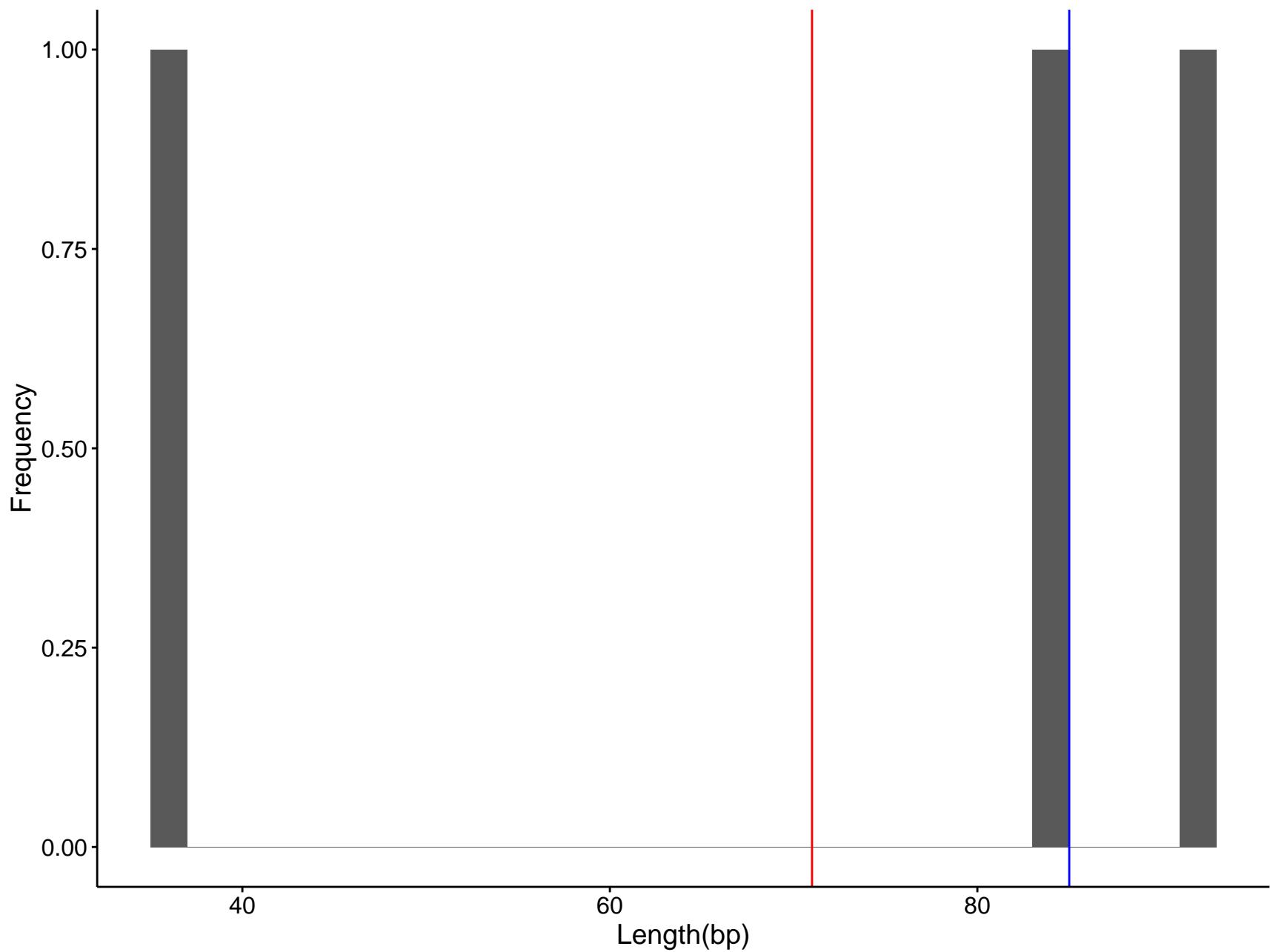
Cluster1660



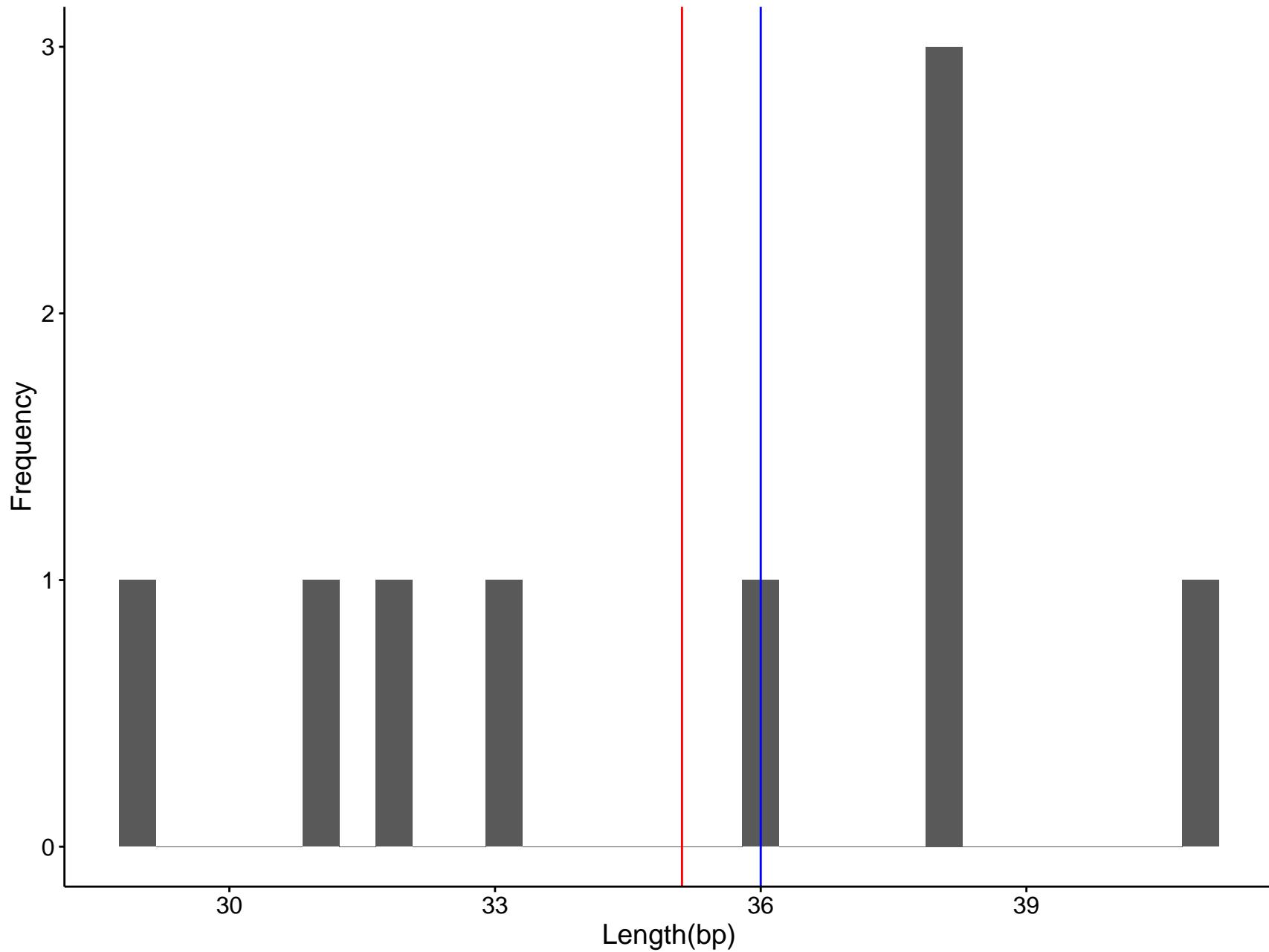
Cluster1661



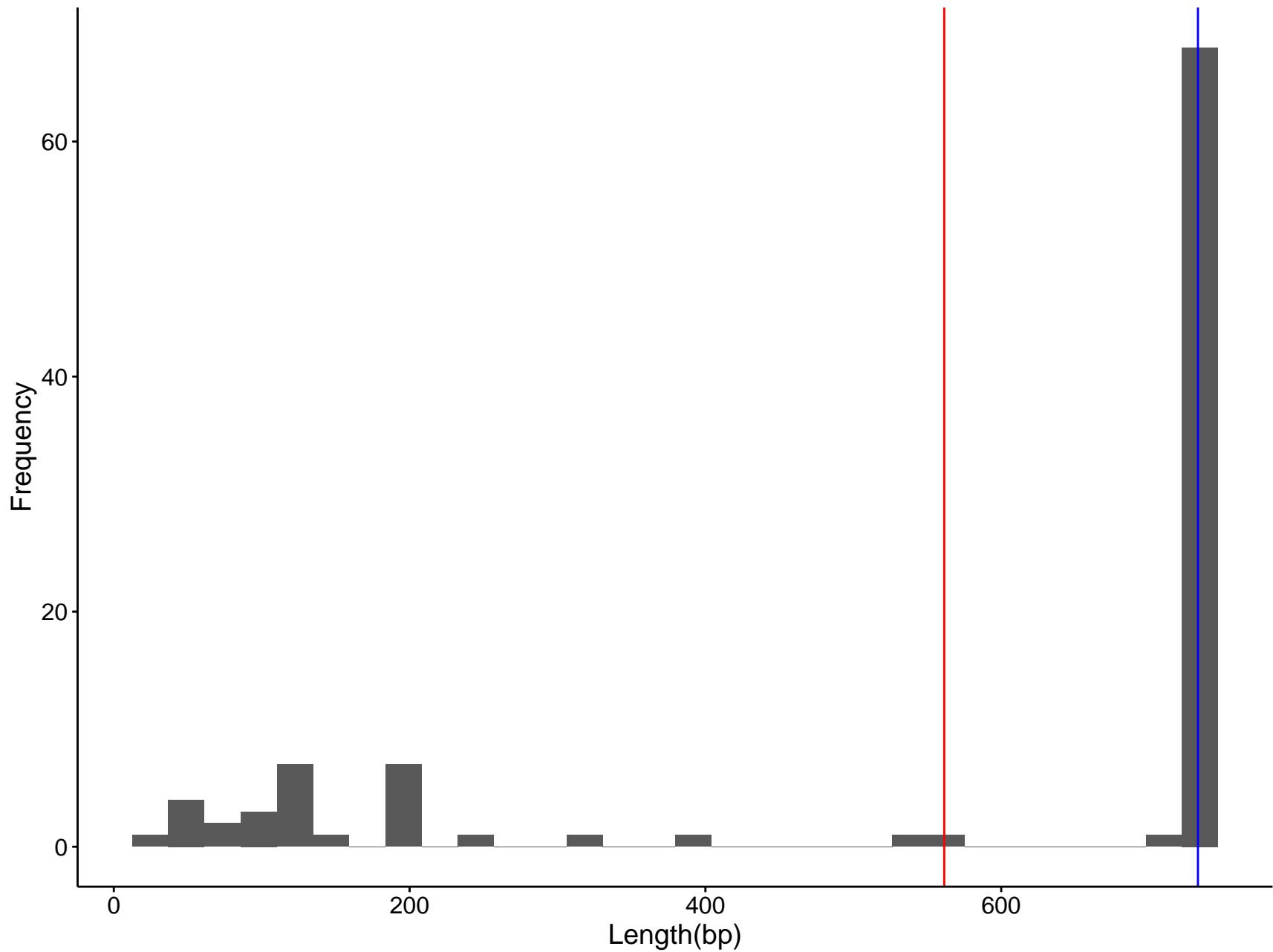
Cluster1663



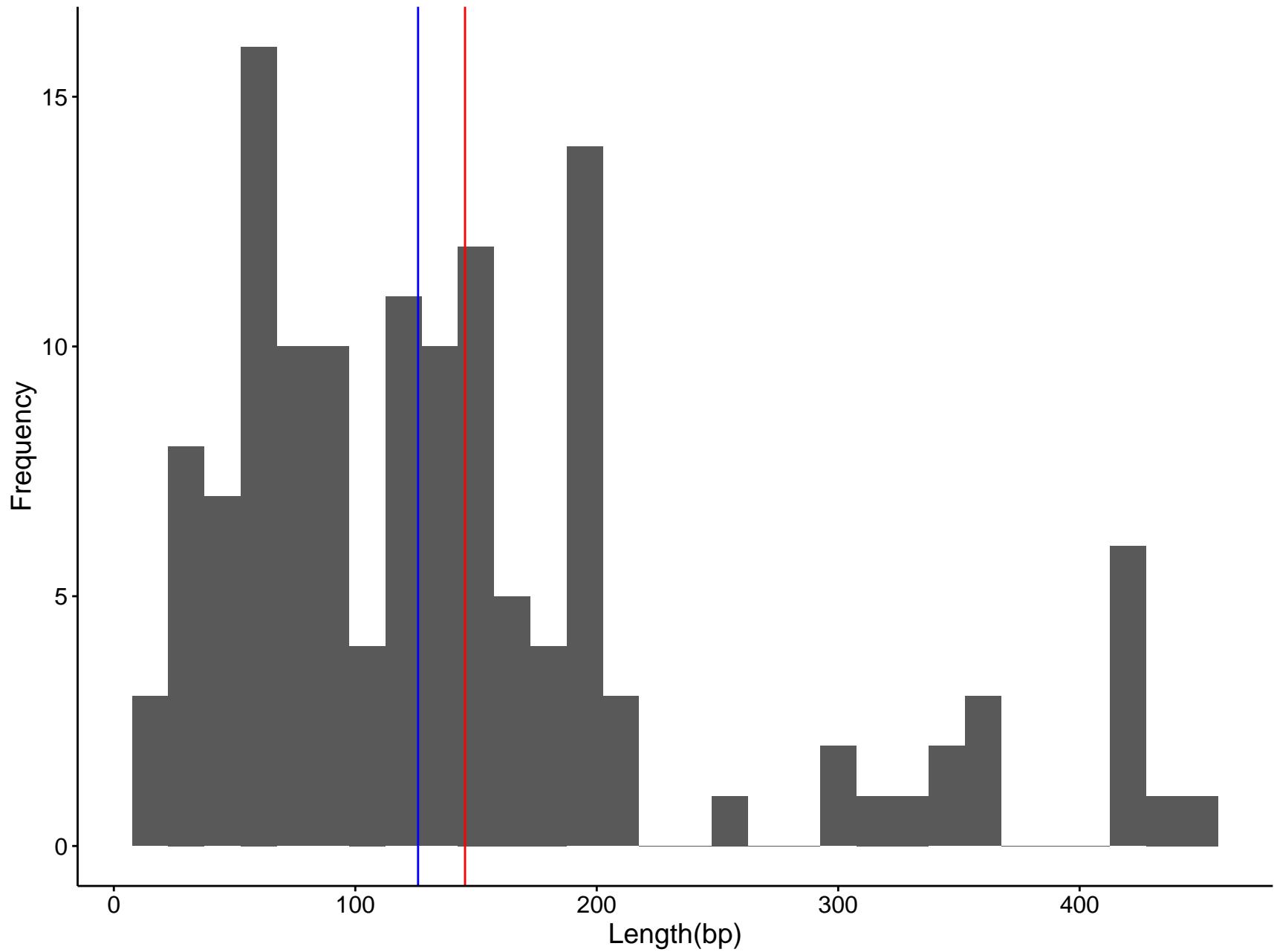
Cluster1665



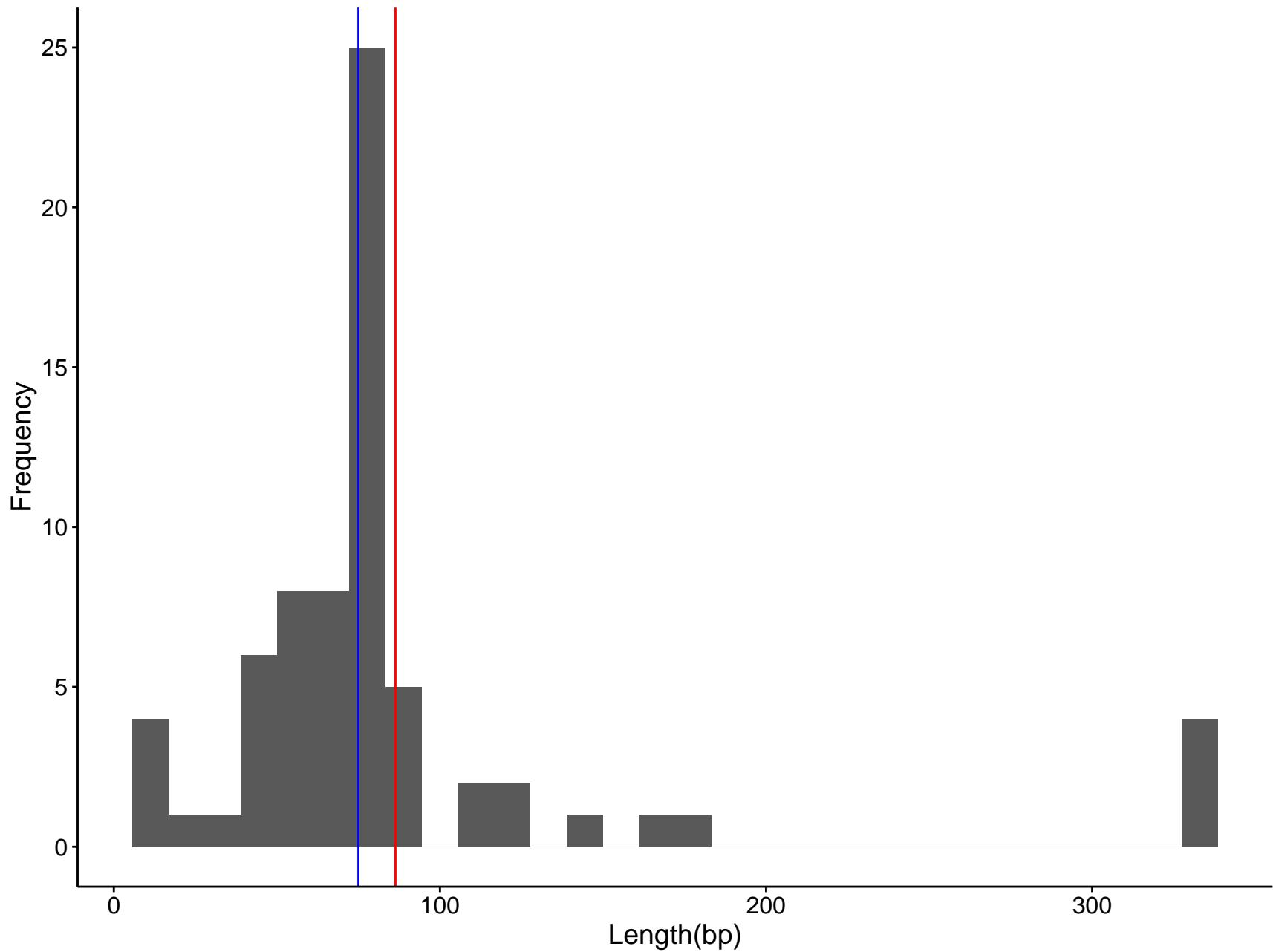
Cluster1666



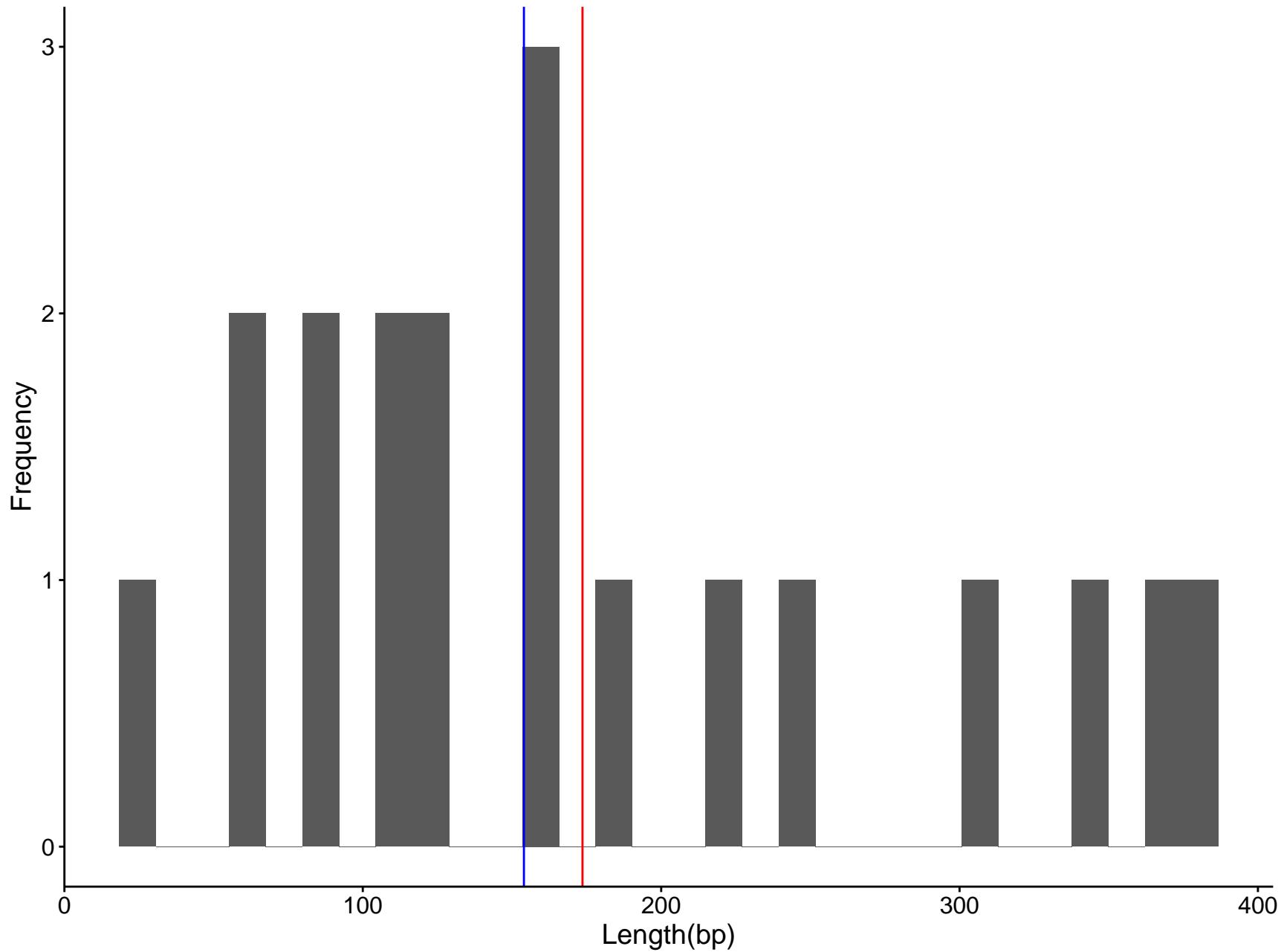
Cluster1667



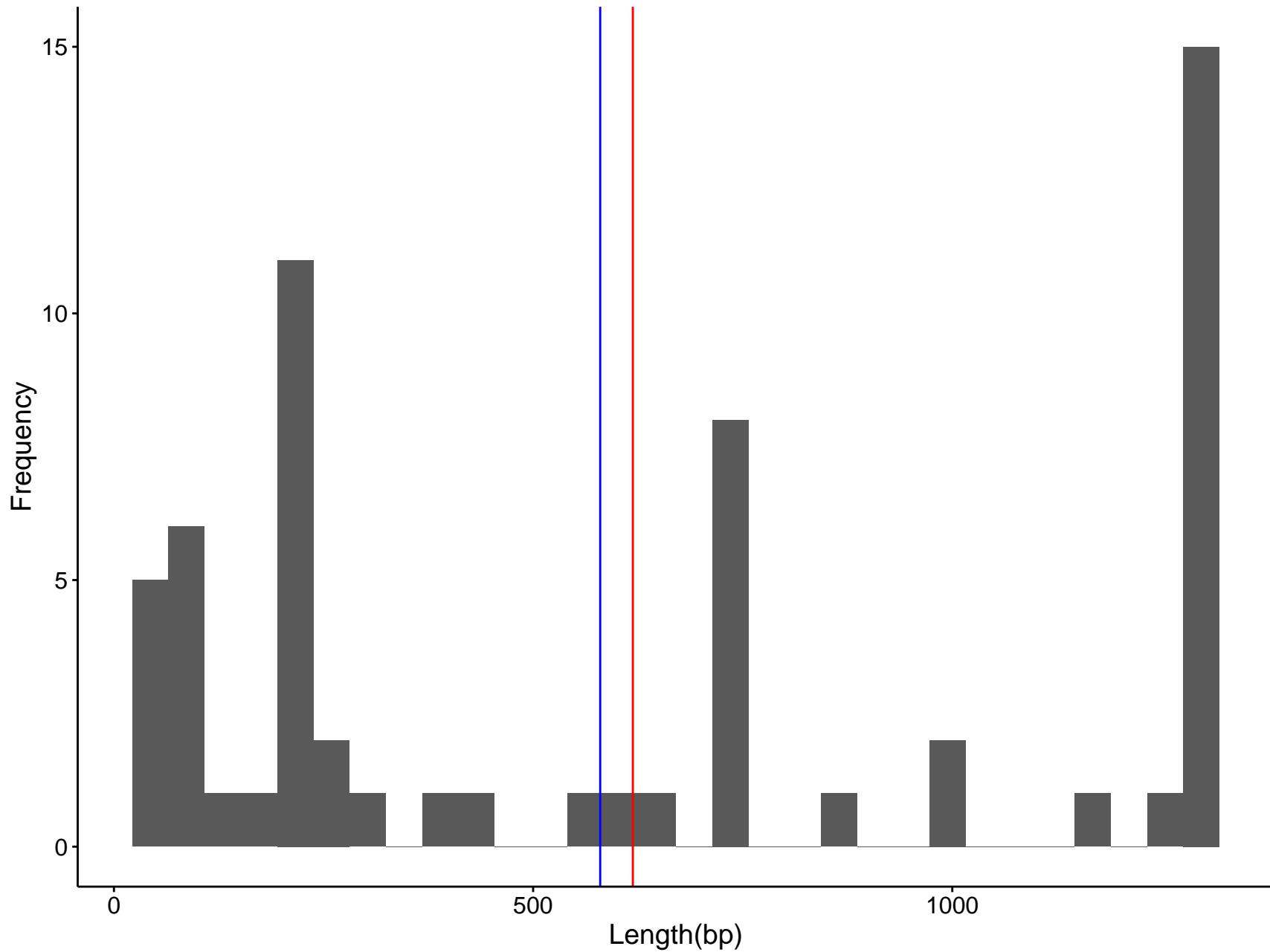
Cluster1669



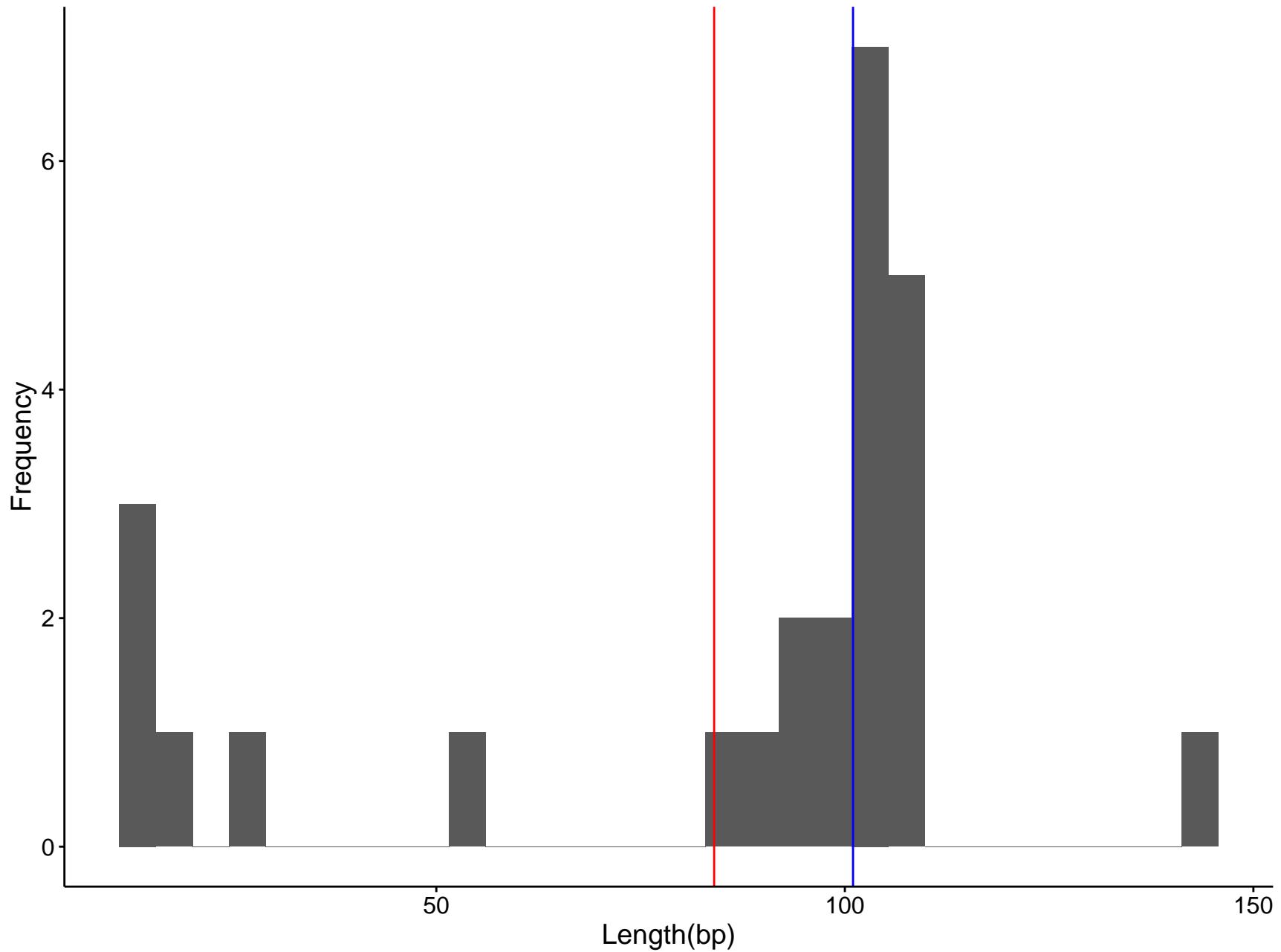
Cluster1670



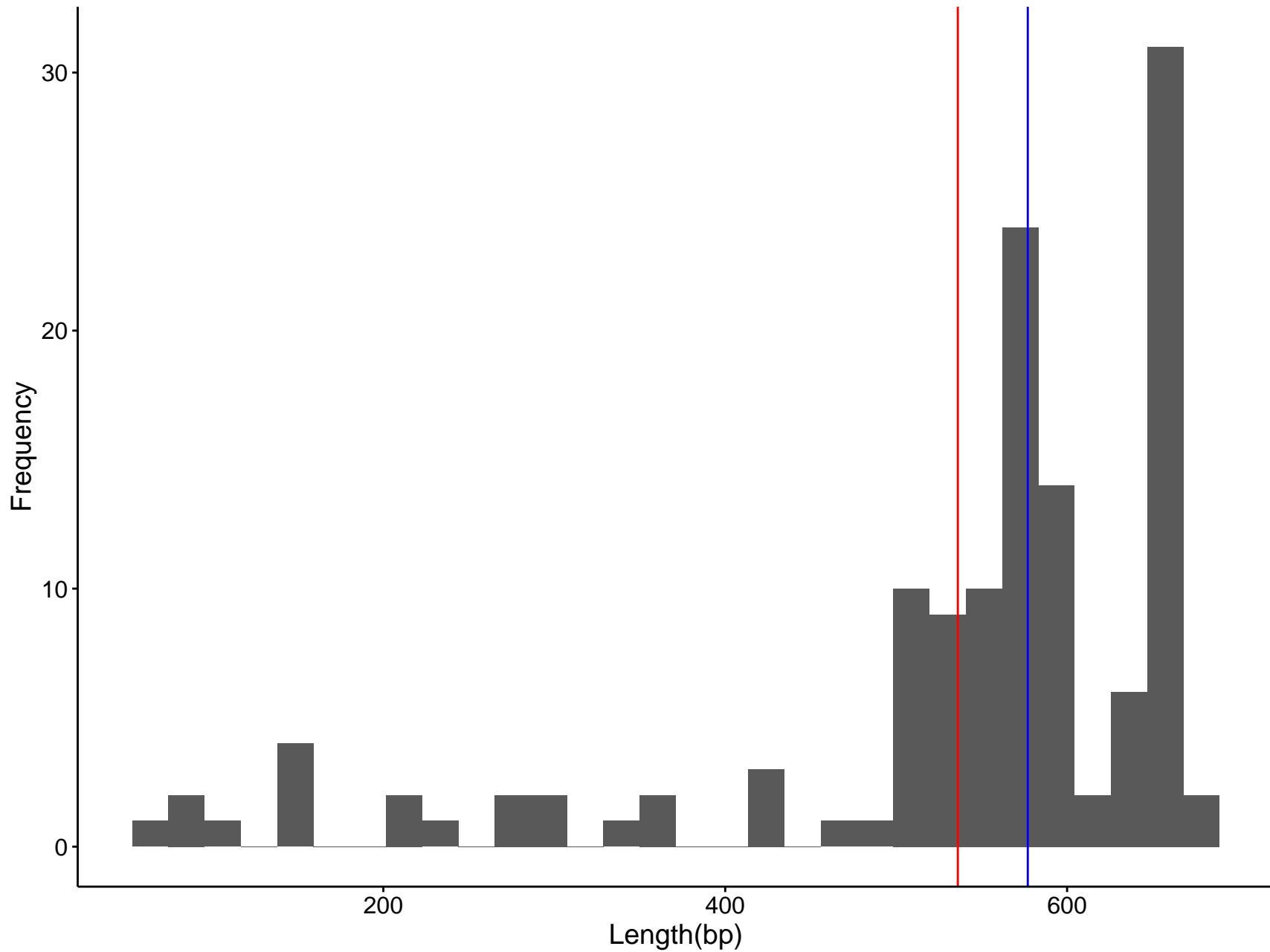
Cluster1671



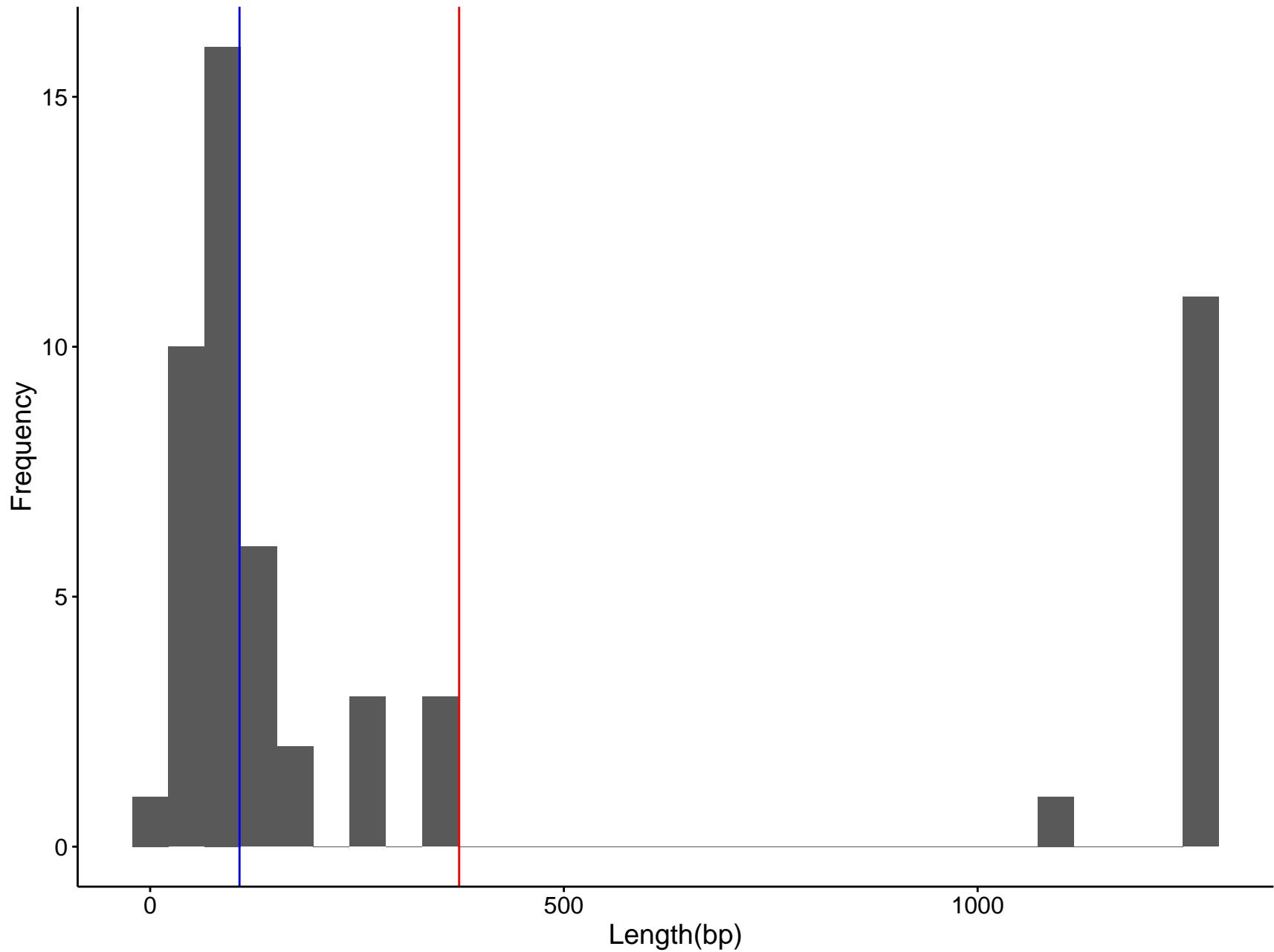
Cluster1673



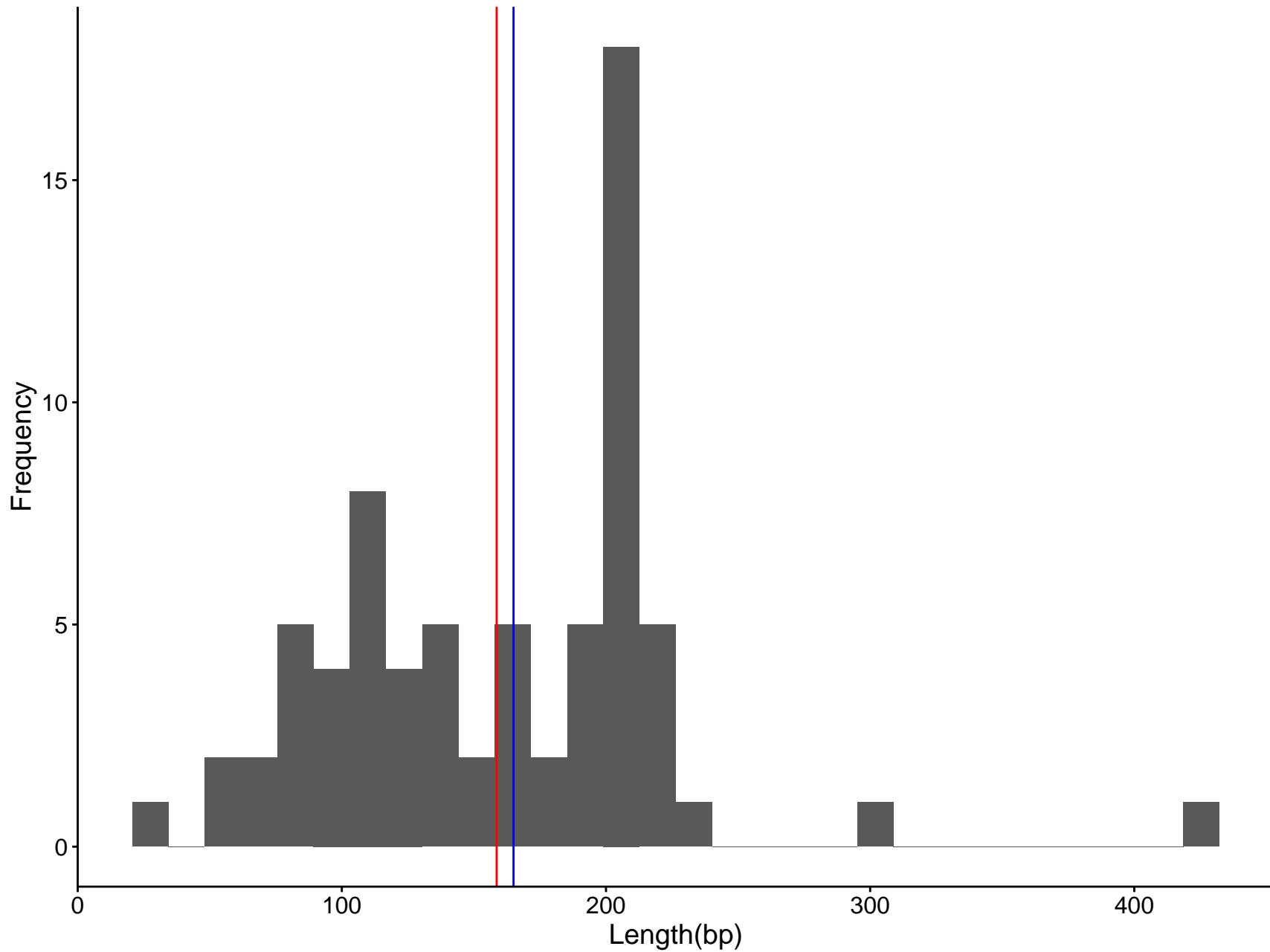
Cluster1674



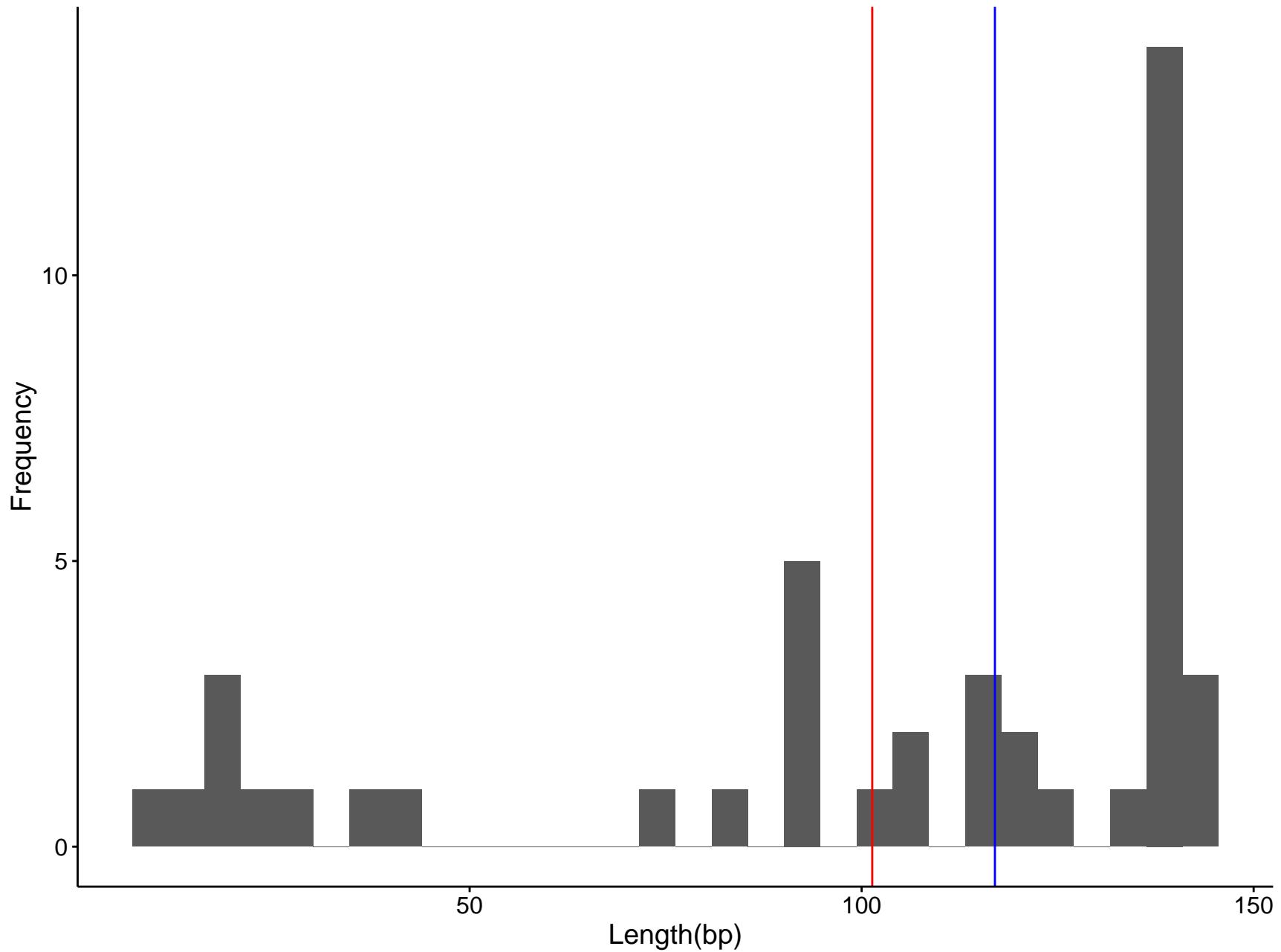
Cluster1675



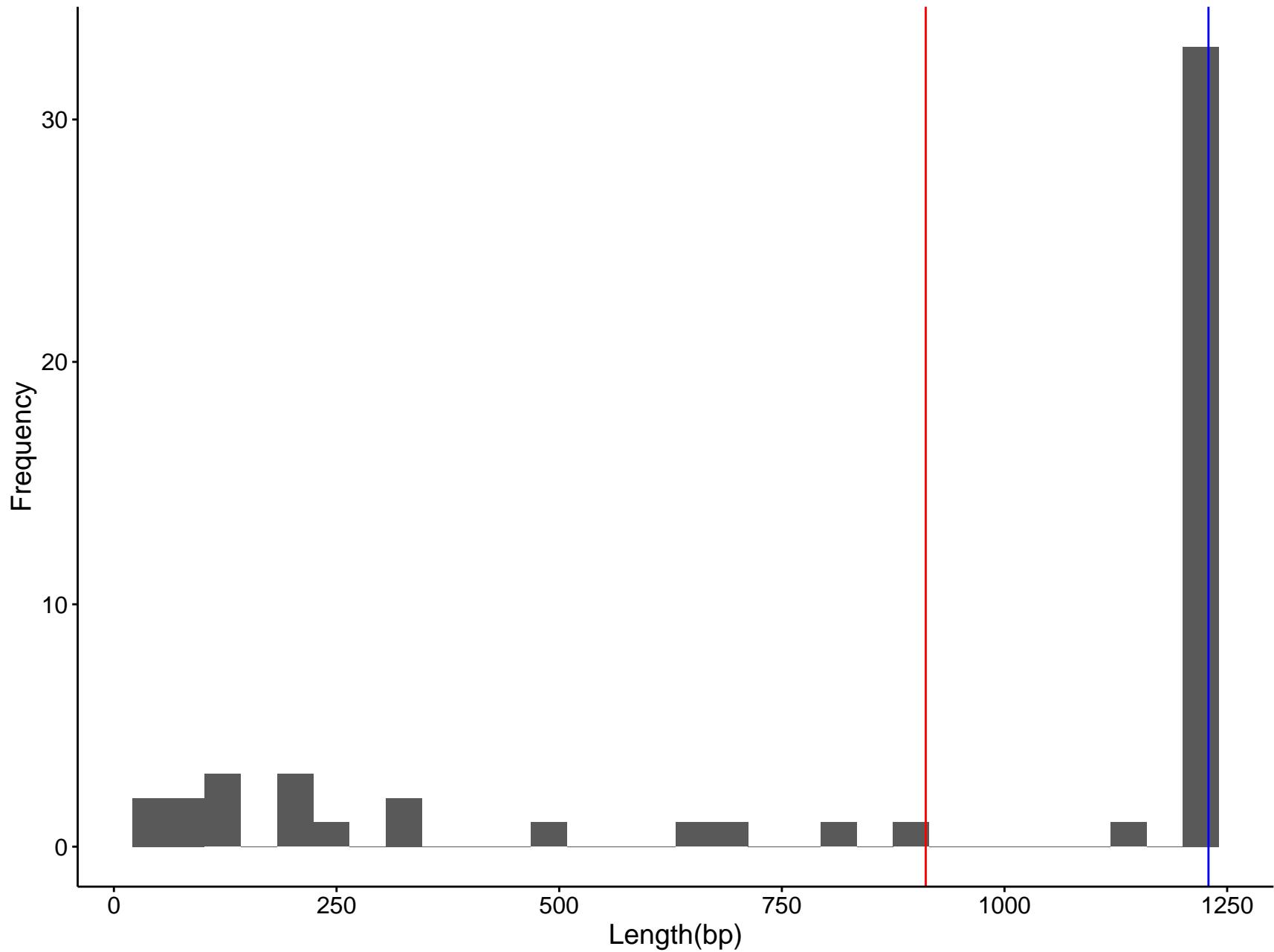
Cluster1676



Cluster1677



Cluster1678



Cluster167

Frequency

331.950

331.975

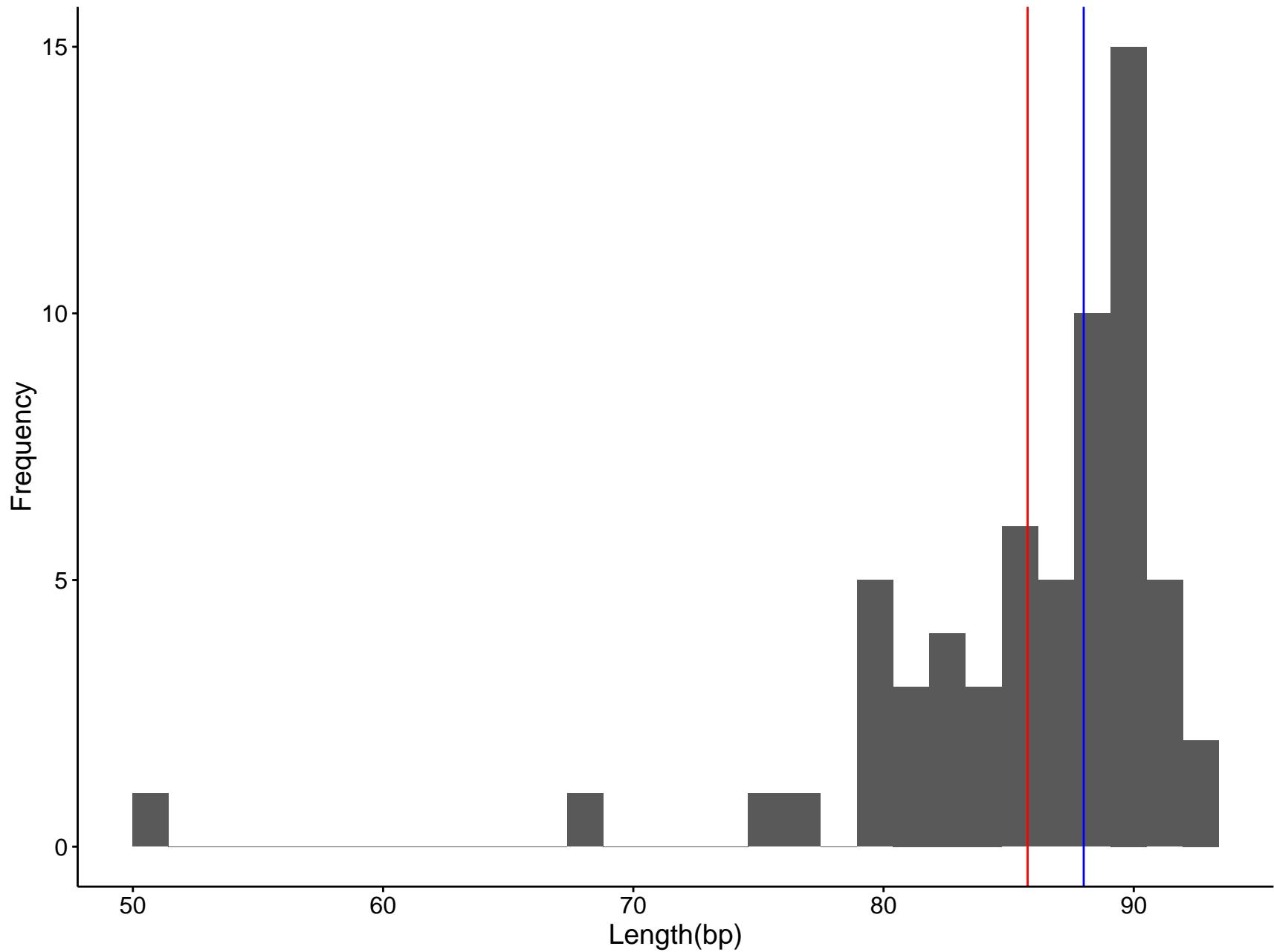
332.000

332.025

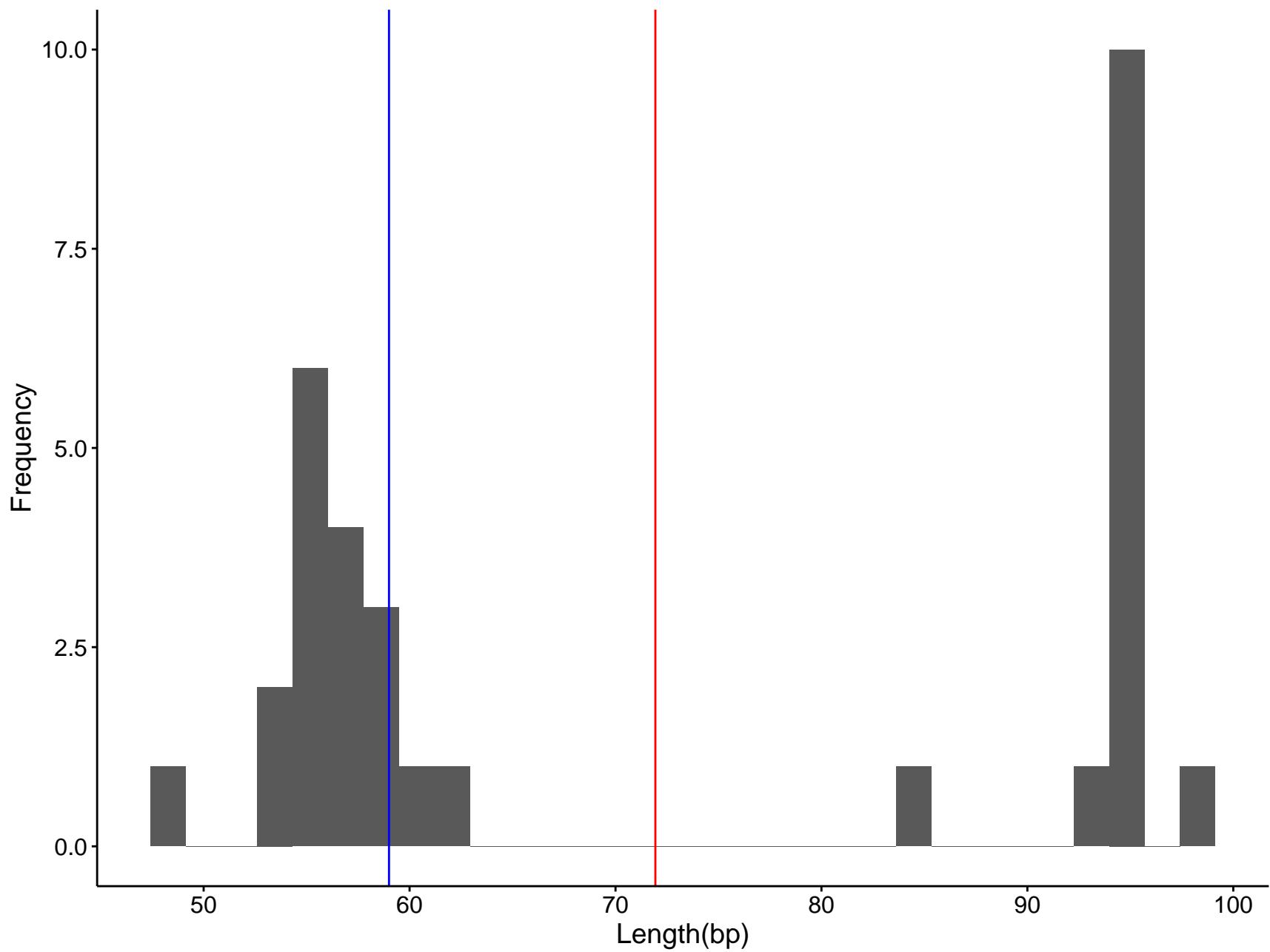
Length(bp)



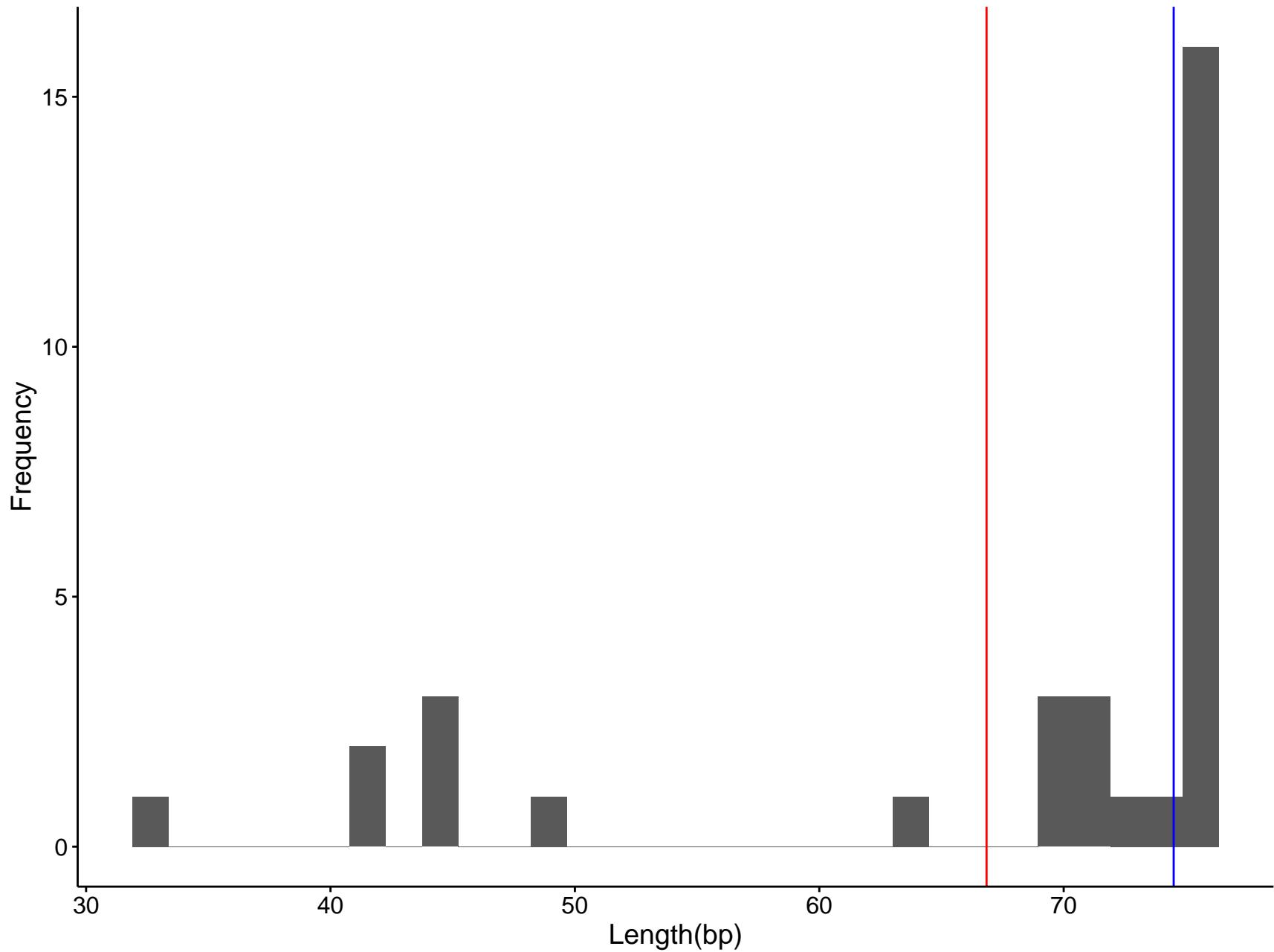
Cluster1682



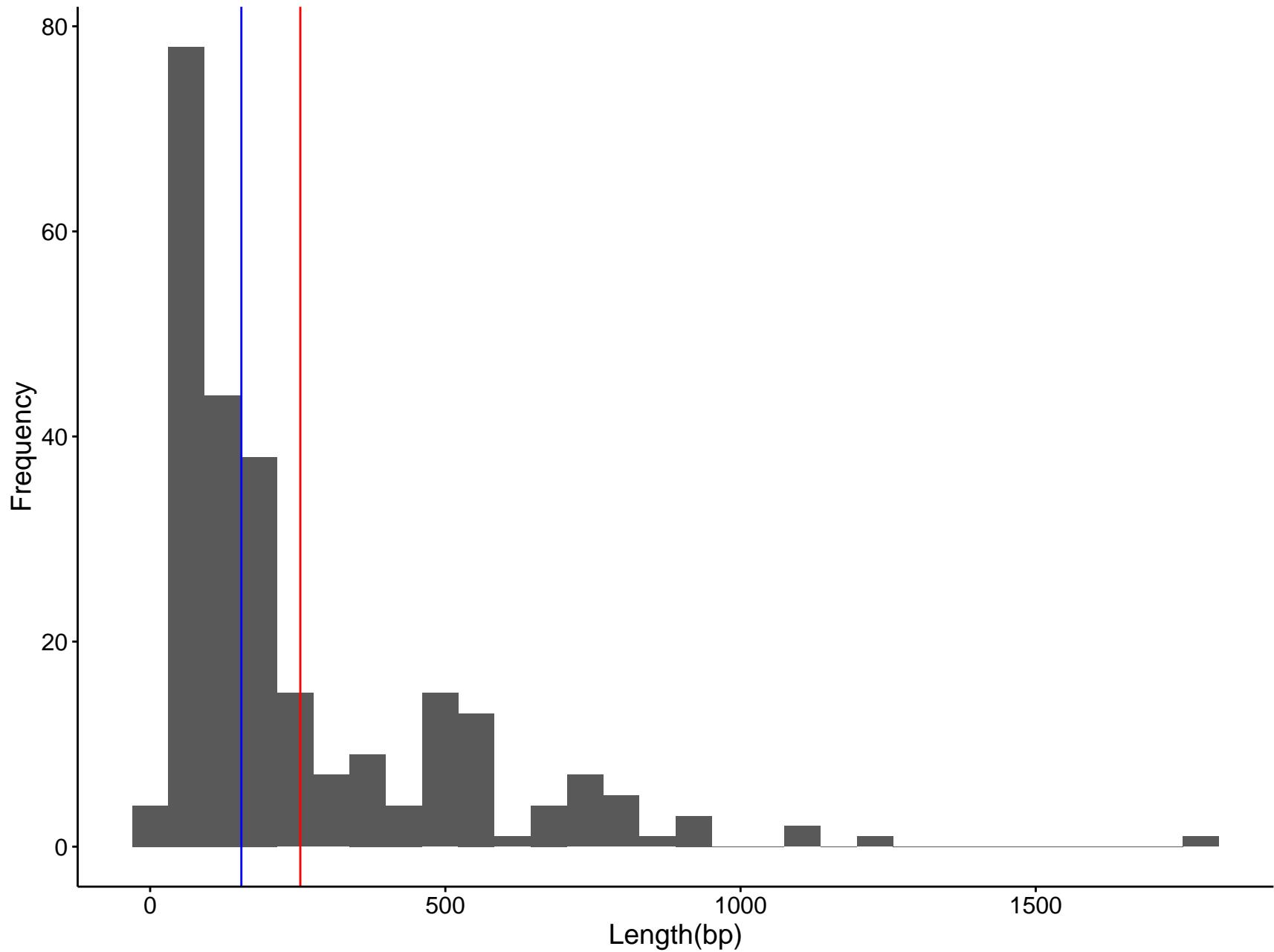
Cluster1685



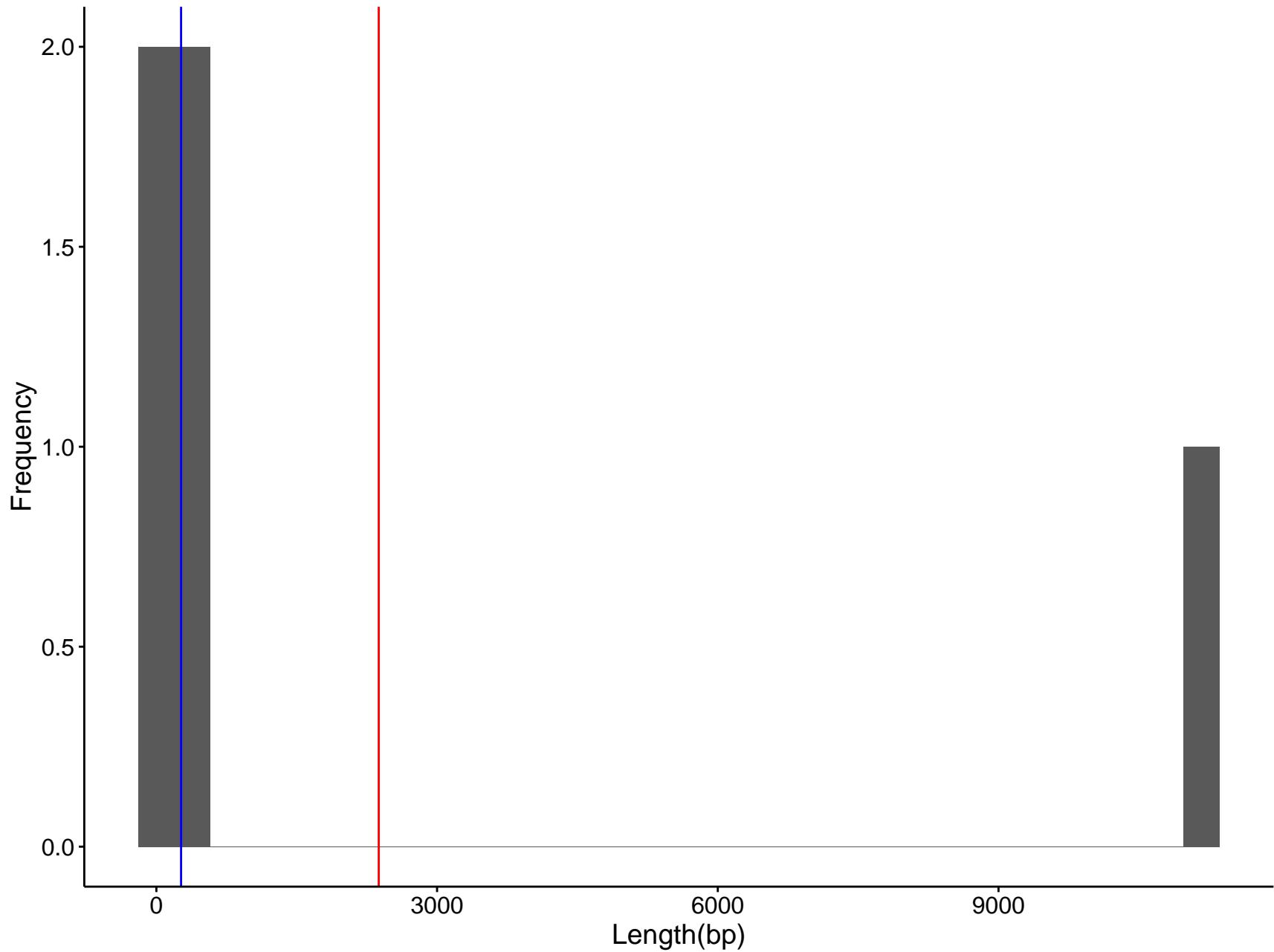
Cluster1686



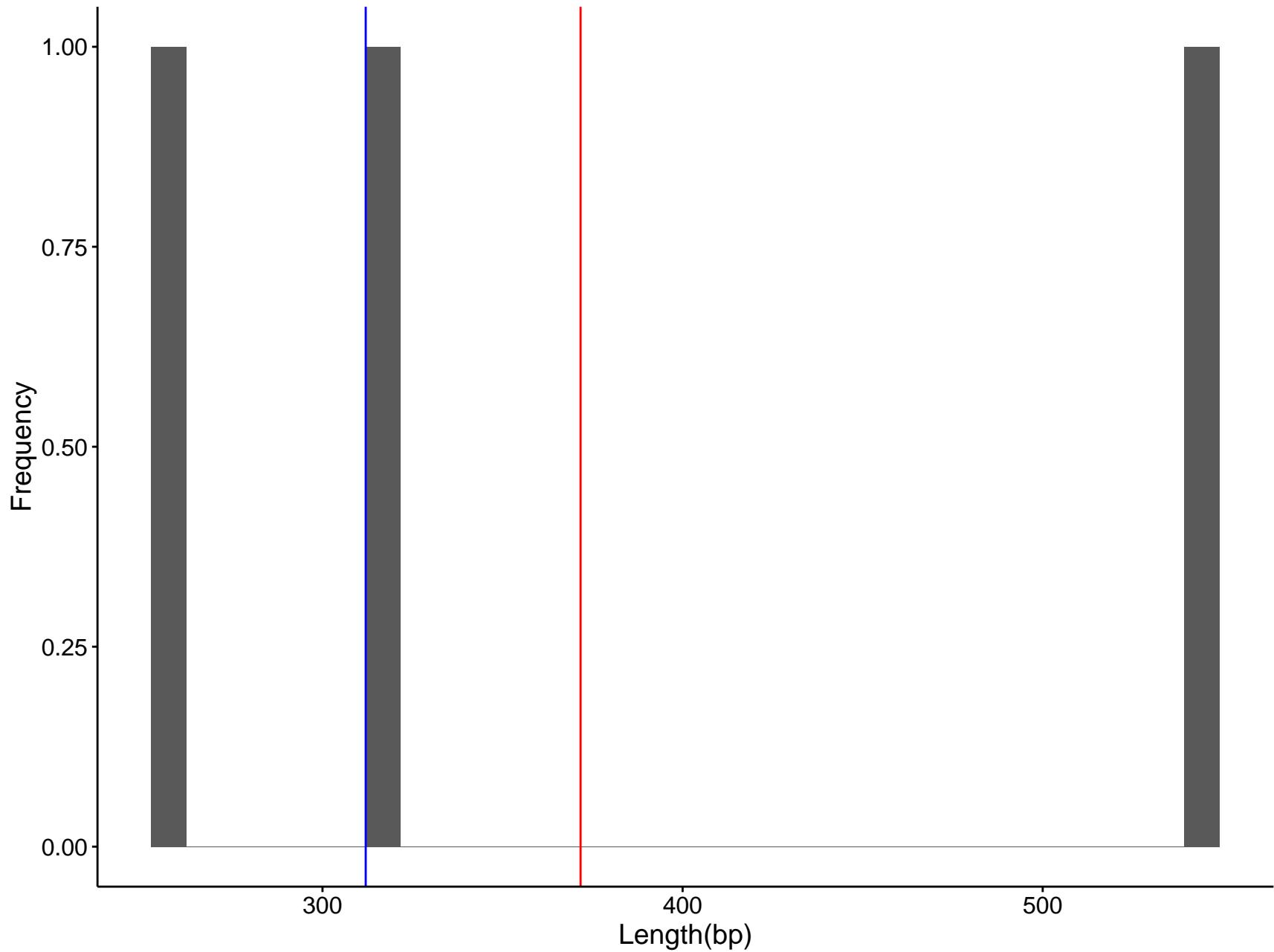
Cluster1688



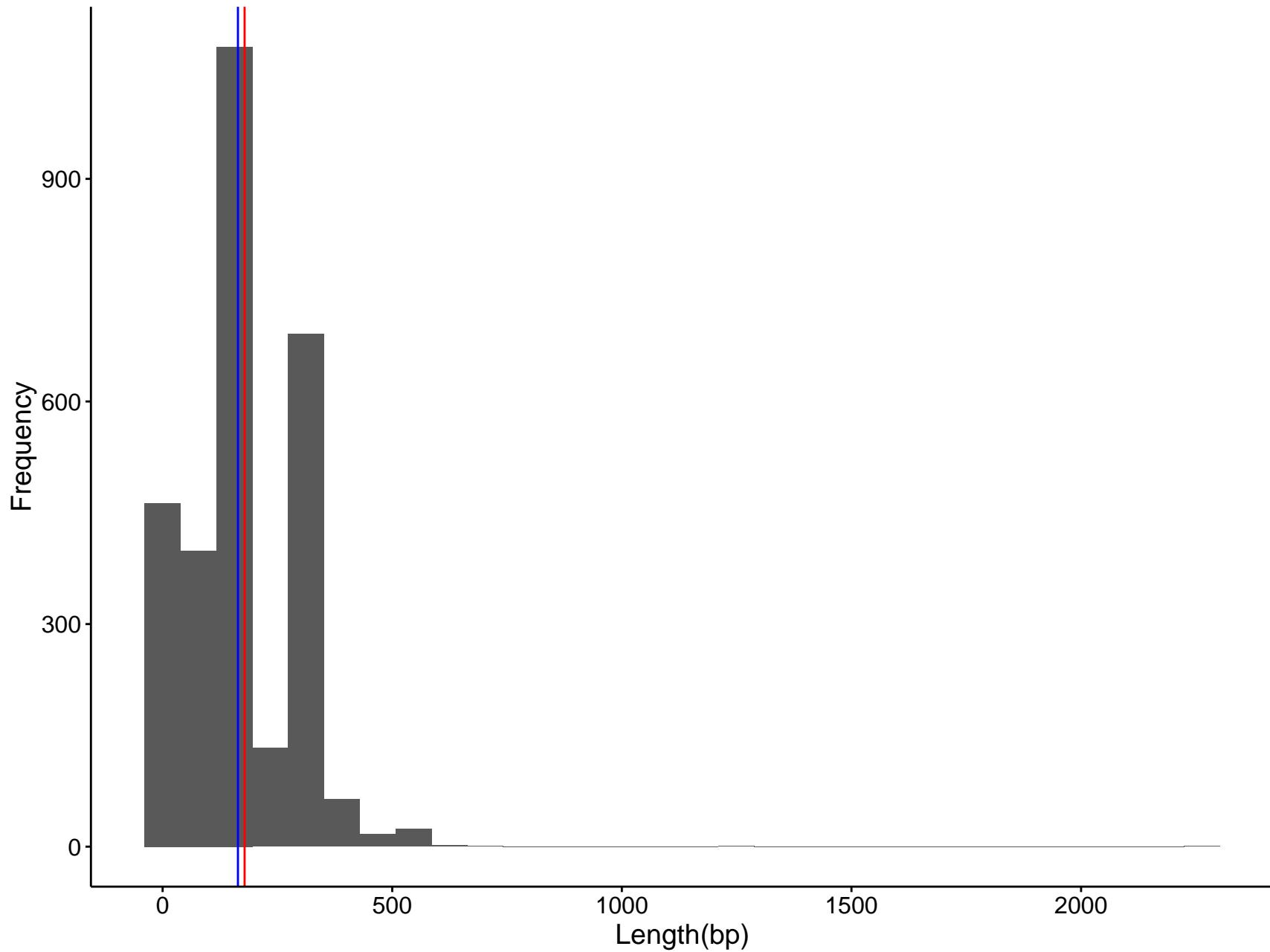
Cluster1689



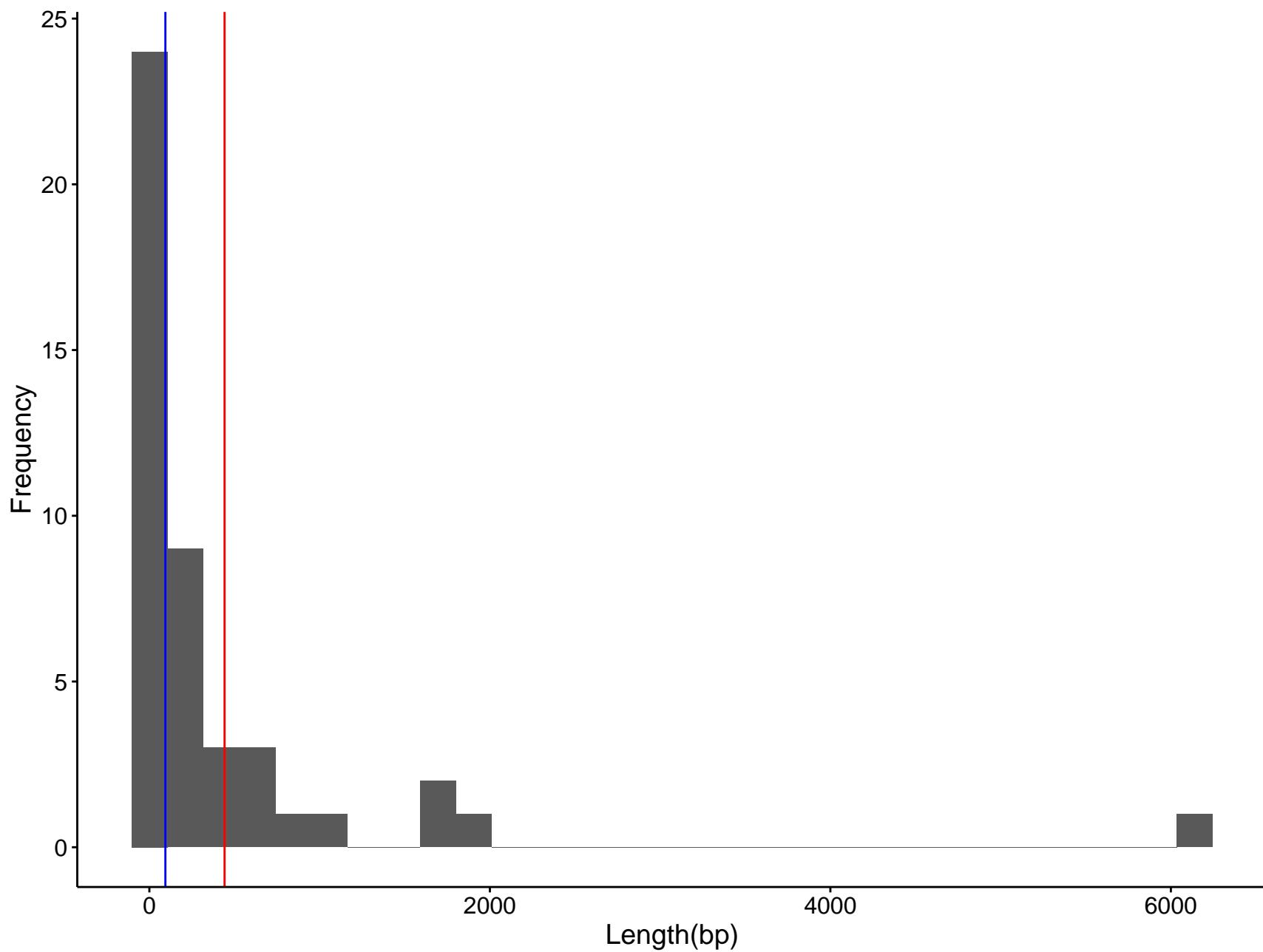
Cluster168



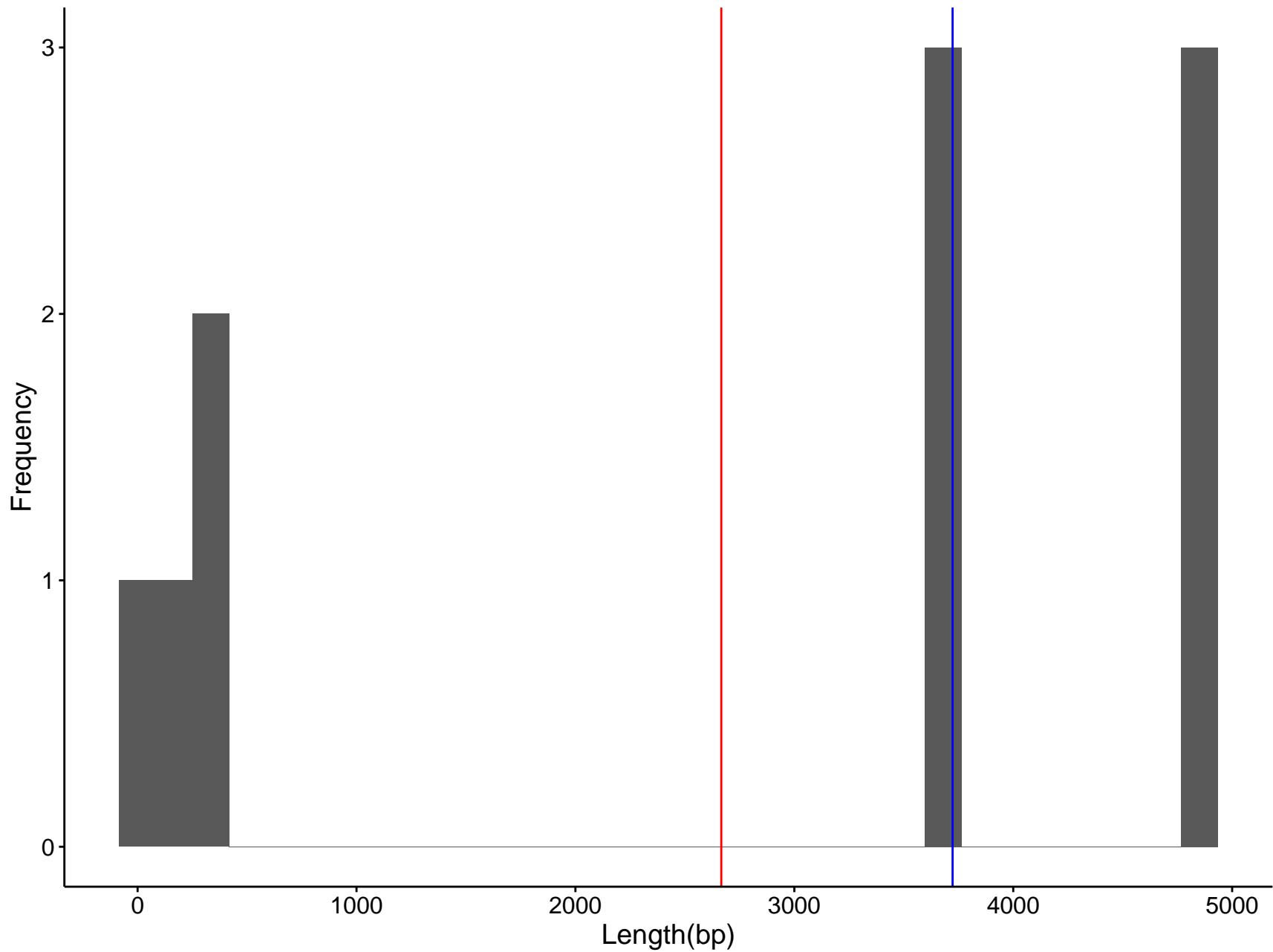
Cluster1690



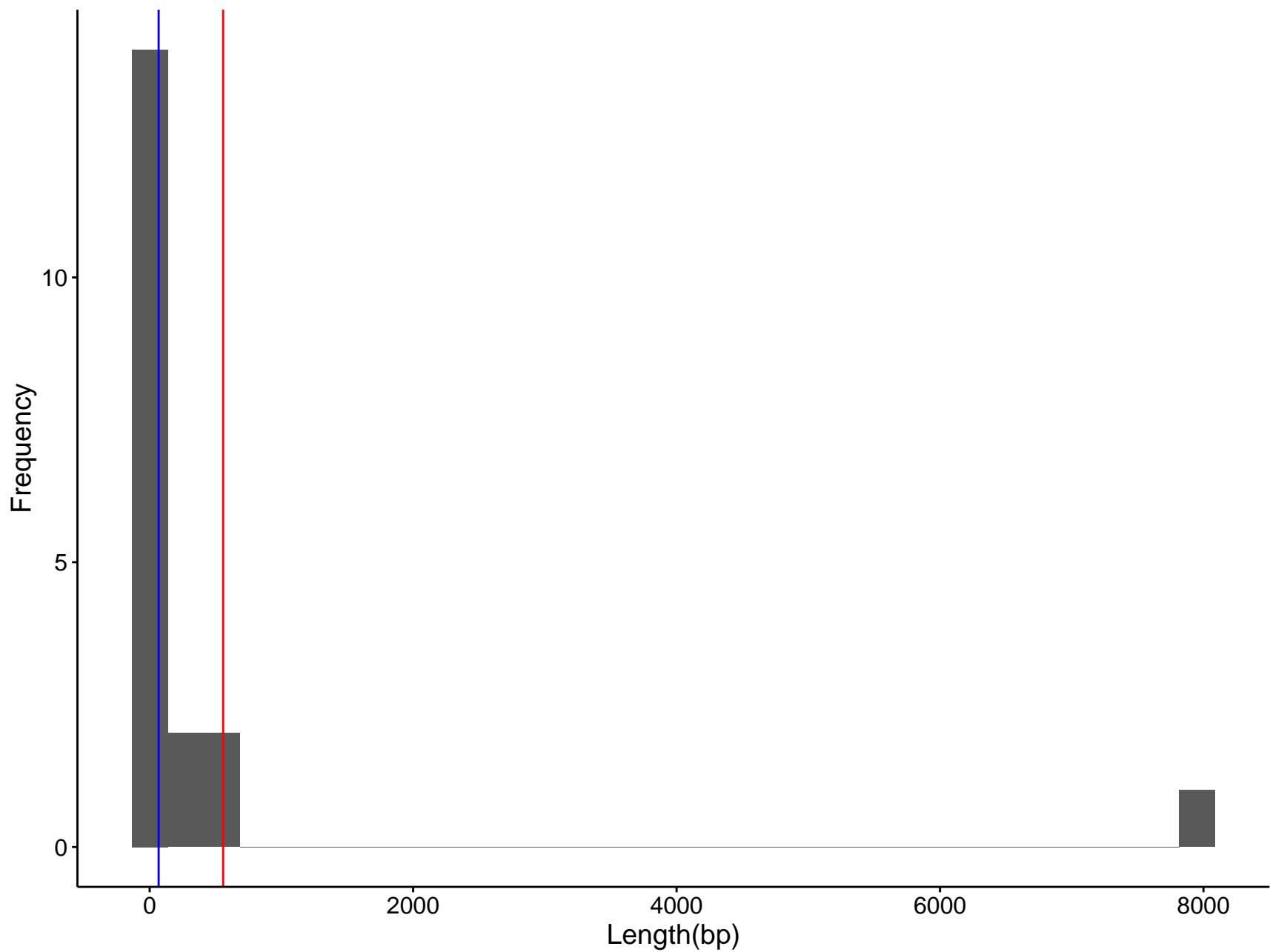
Cluster1691



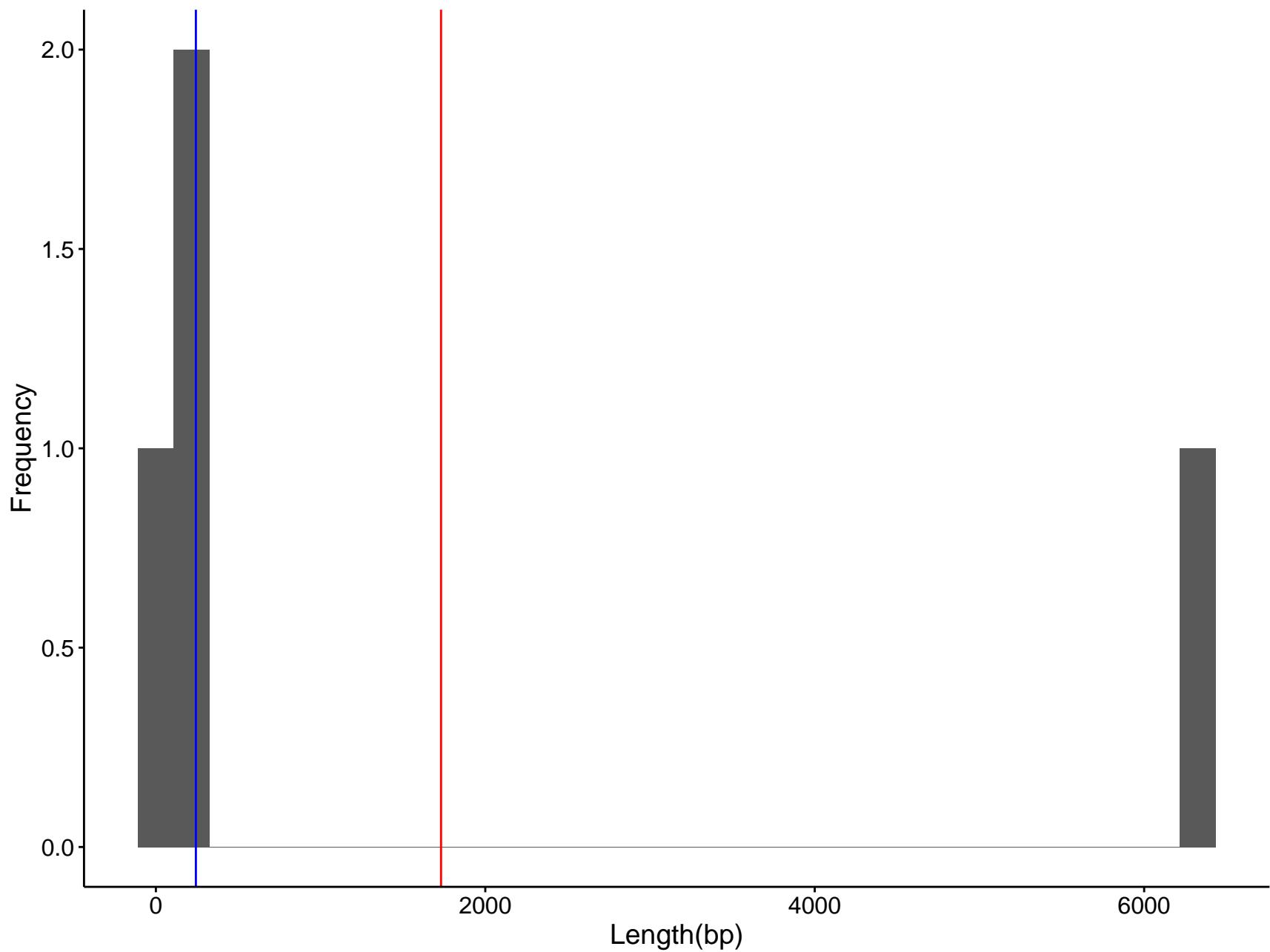
Cluster1692



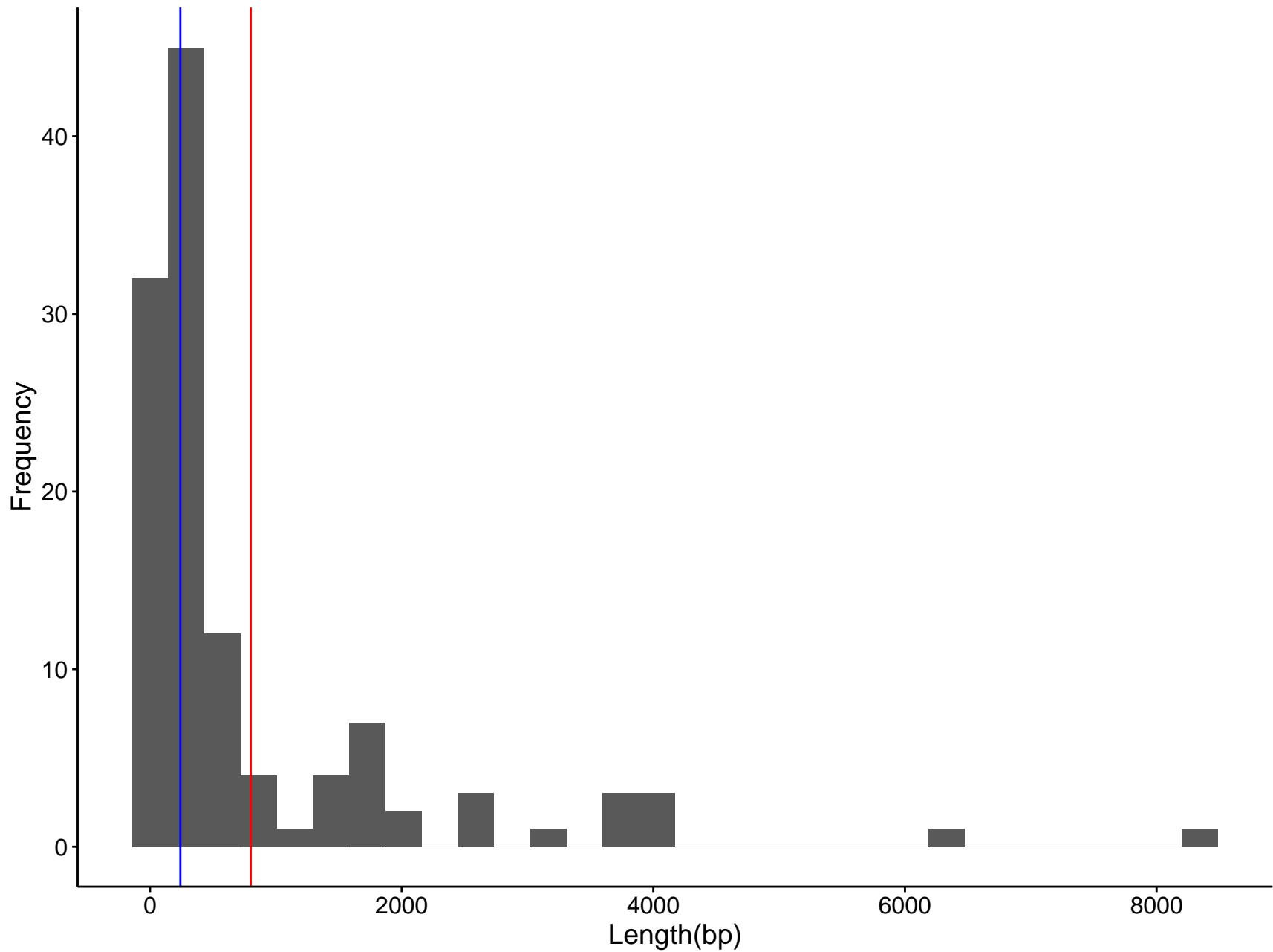
Cluster1693



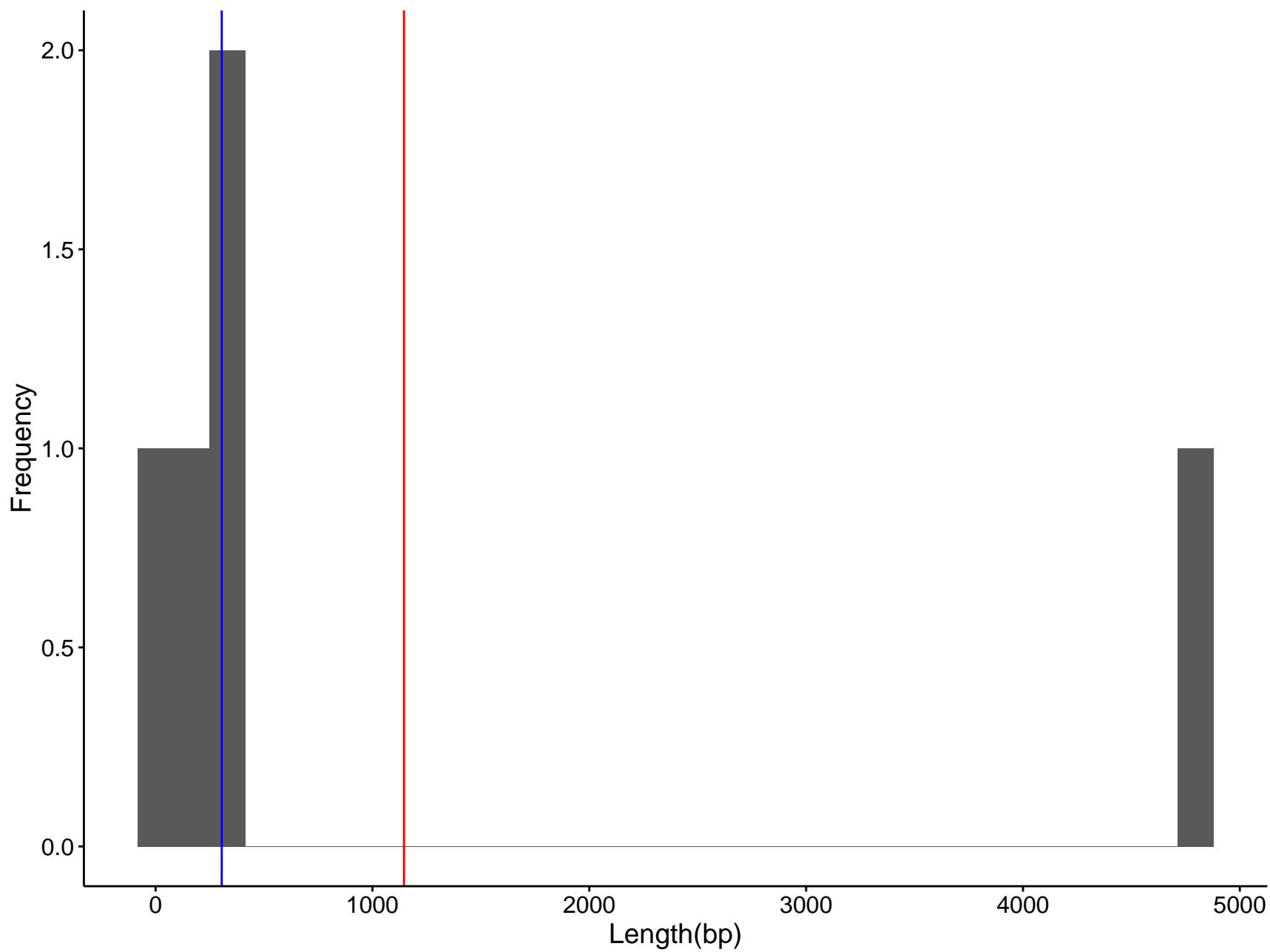
Cluster1694



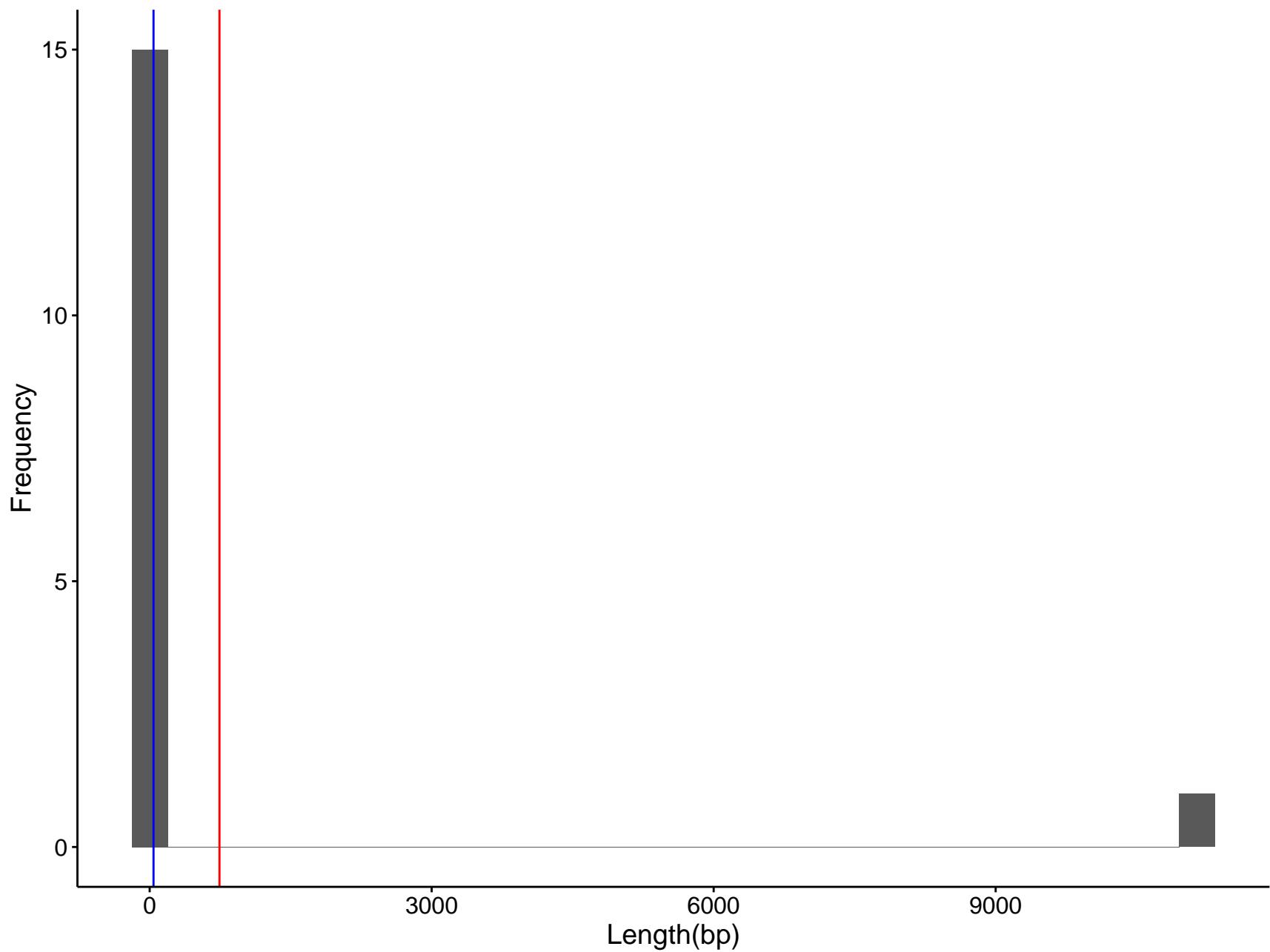
Cluster1695



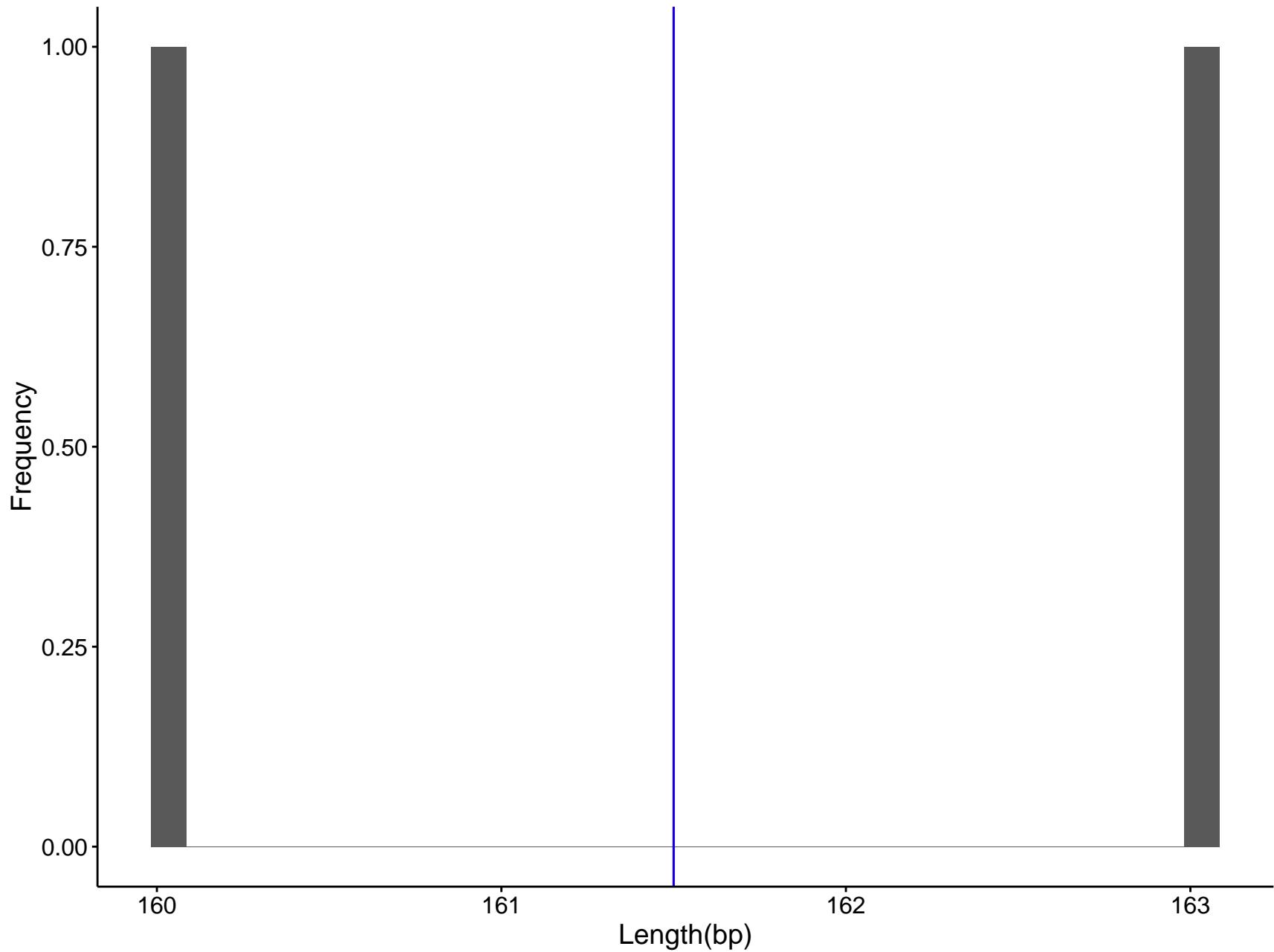
Cluster1696



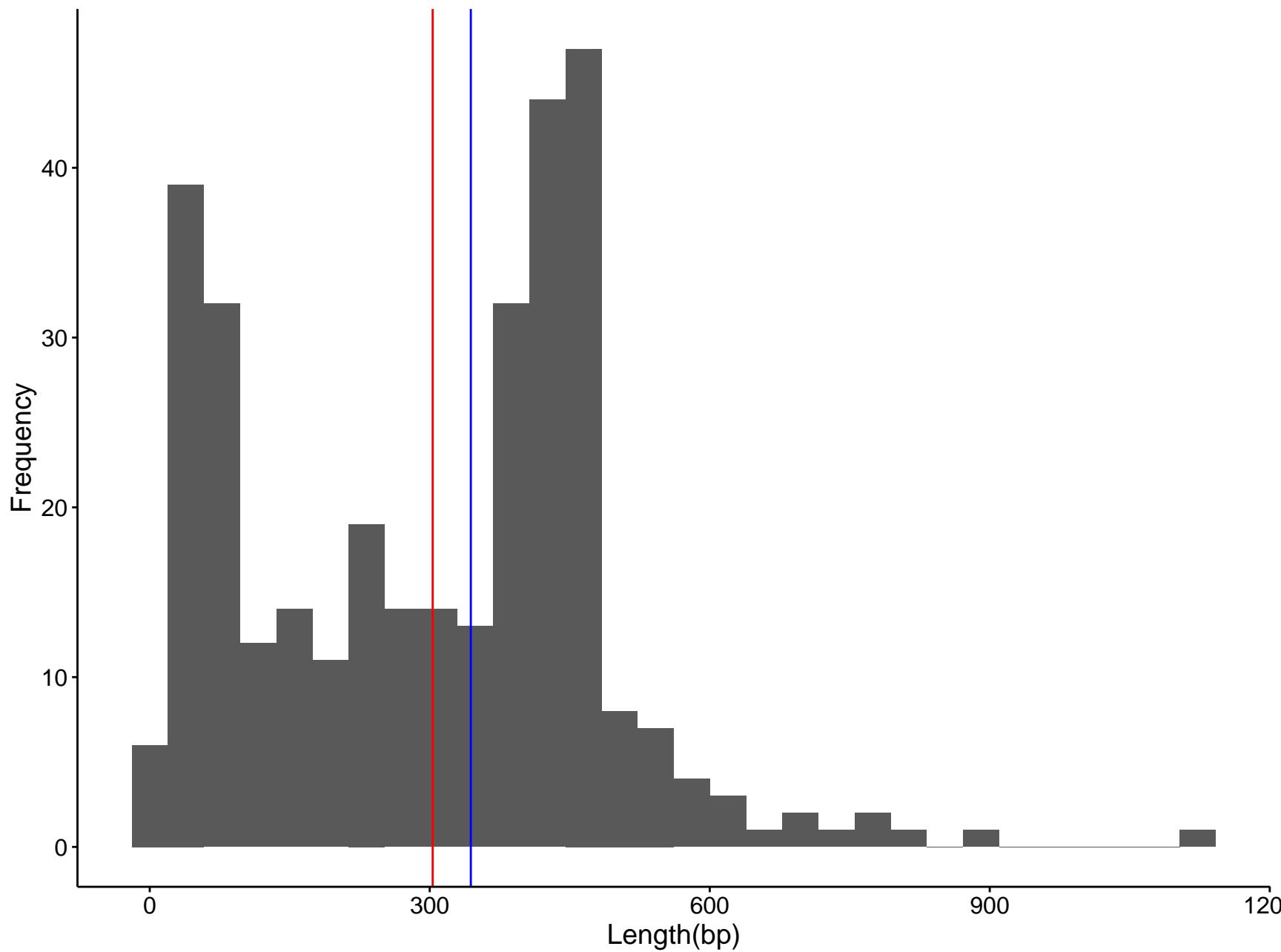
Cluster1697



Cluster1698



Cluster16



Cluster1700

Frequency

1218.950

1218.975

1219.000
Length(bp)

1219.025

1219.



Cluster1701

Frequency

1164.950

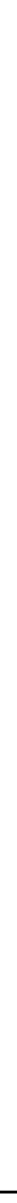
1164.975

1165.000

1165.025

1165.

Length(bp)



Cluster1702

Frequency

678.950

678.975

679.000

679.025

Length(bp)



Cluster1705

Frequency

288.950

288.975

289.000

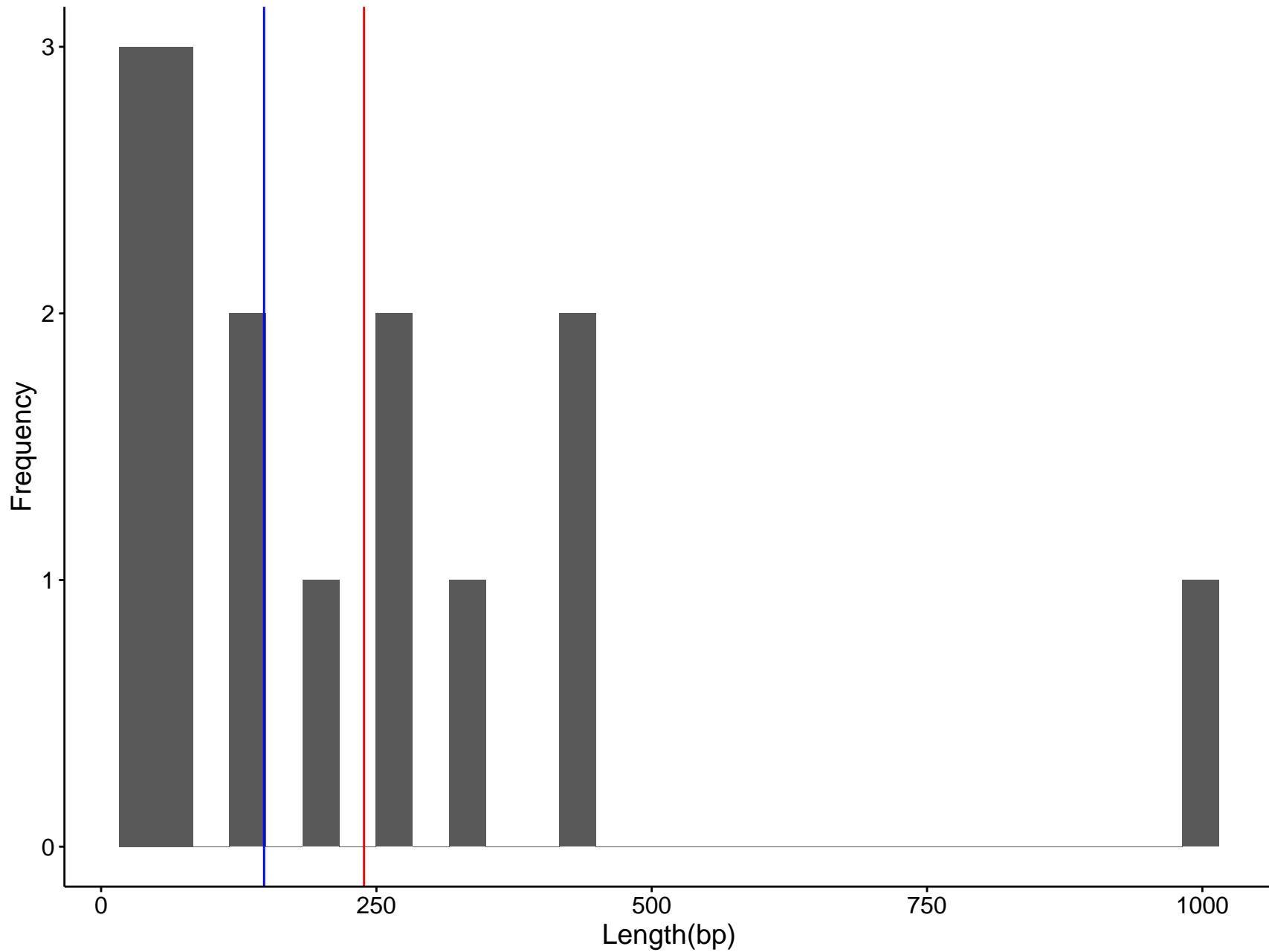
289.025

289.050

Length(bp)



Cluster1706



Cluster1707

Frequency

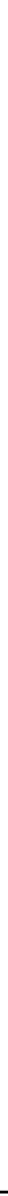
387.950

387.975

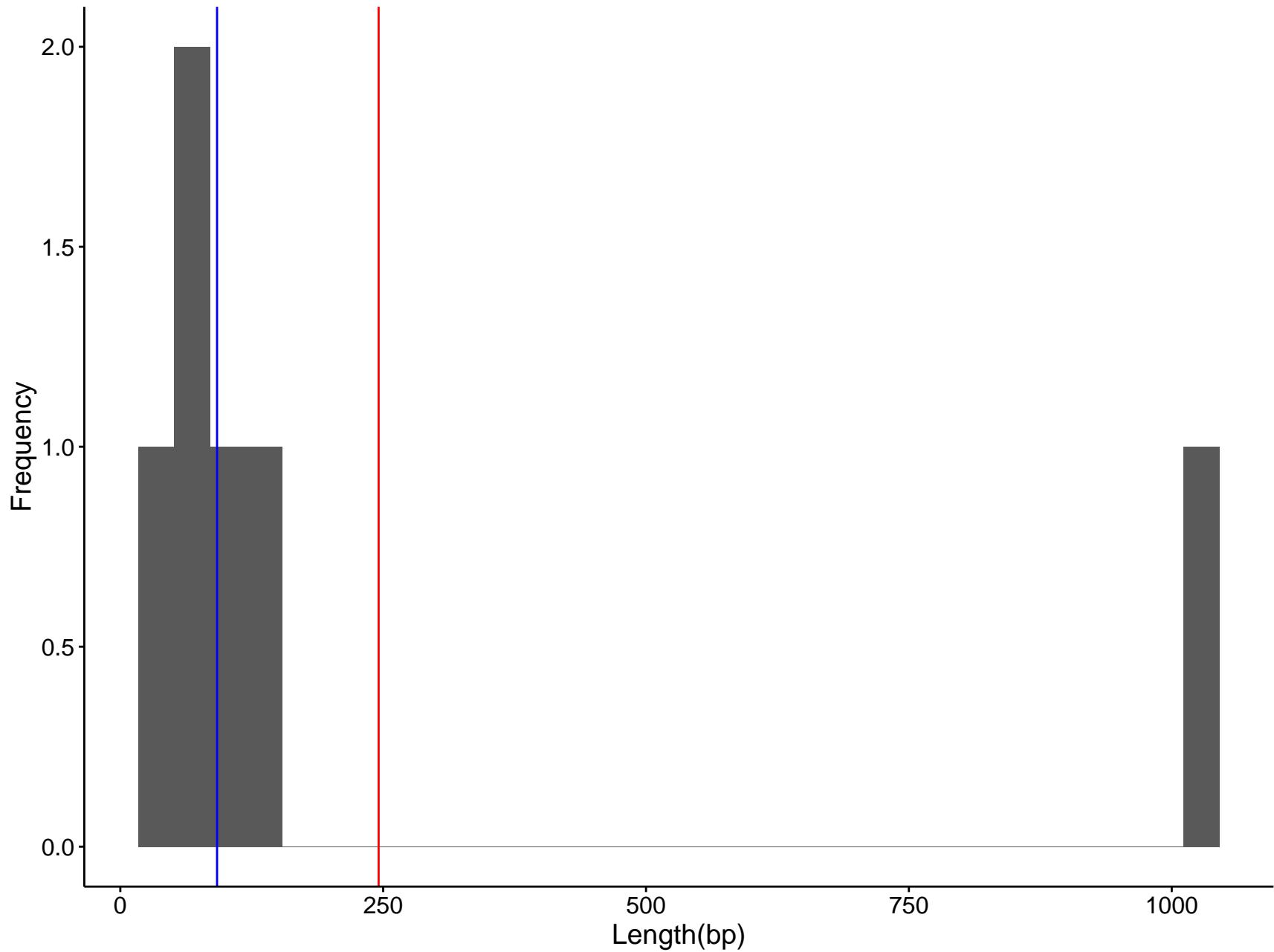
388.000

388.025

Length(bp)



Cluster1708



Cluster1709

Frequency

213.950

213.975

214.000

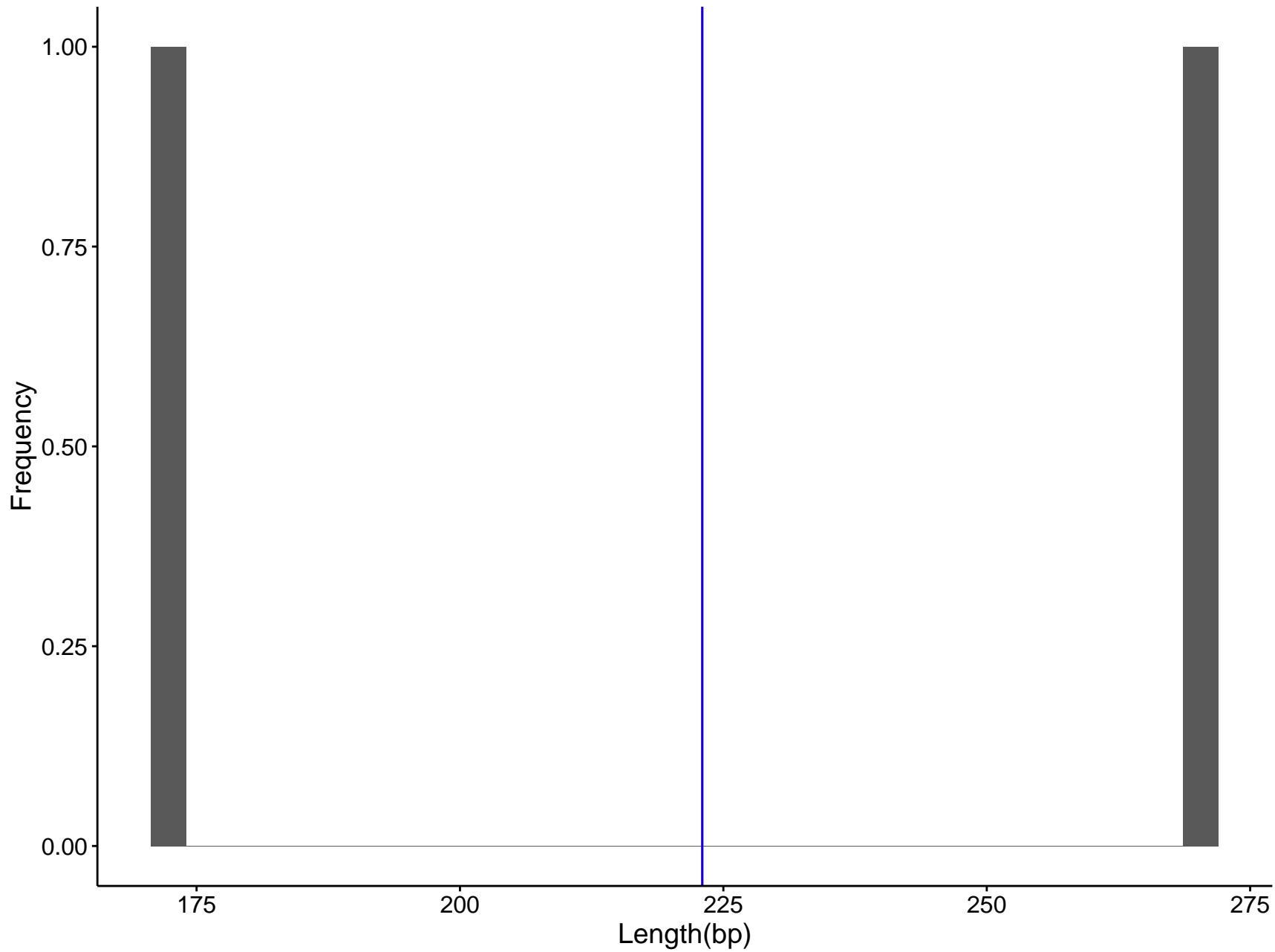
214.025

214.050

Length(bp)



Cluster170



Cluster1711

Frequency

871.950

871.975

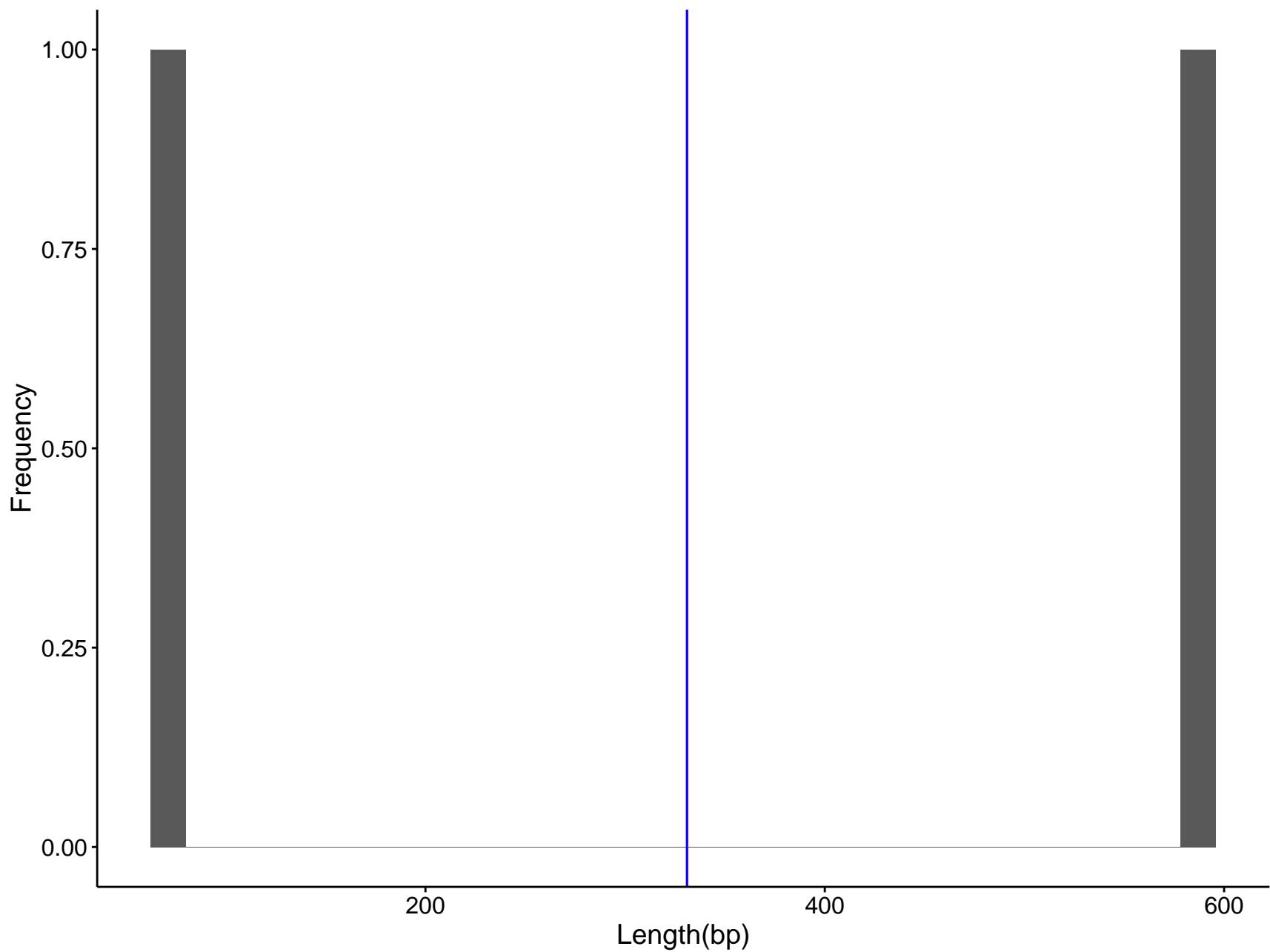
872.000

872.025

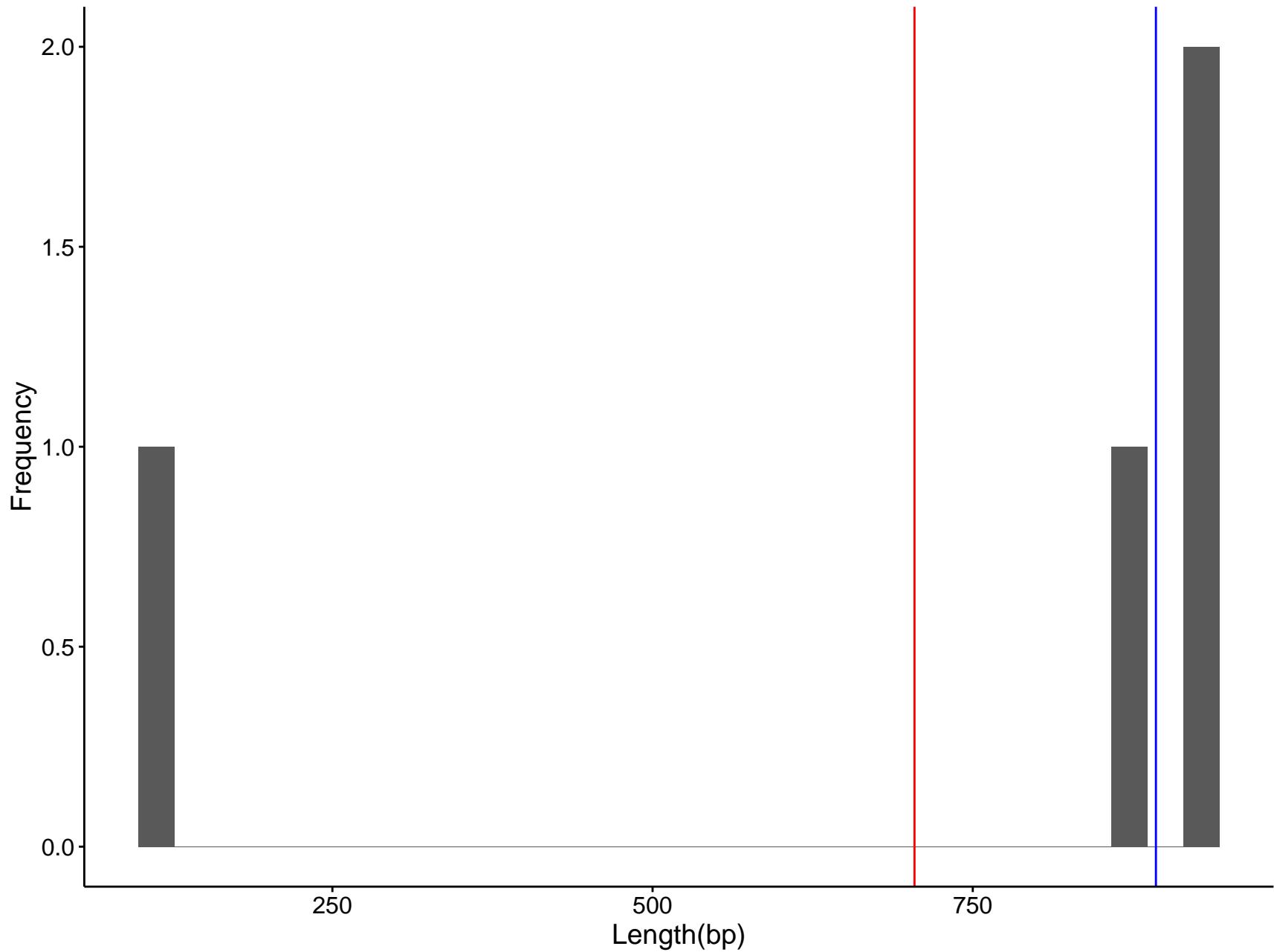
Length(bp)



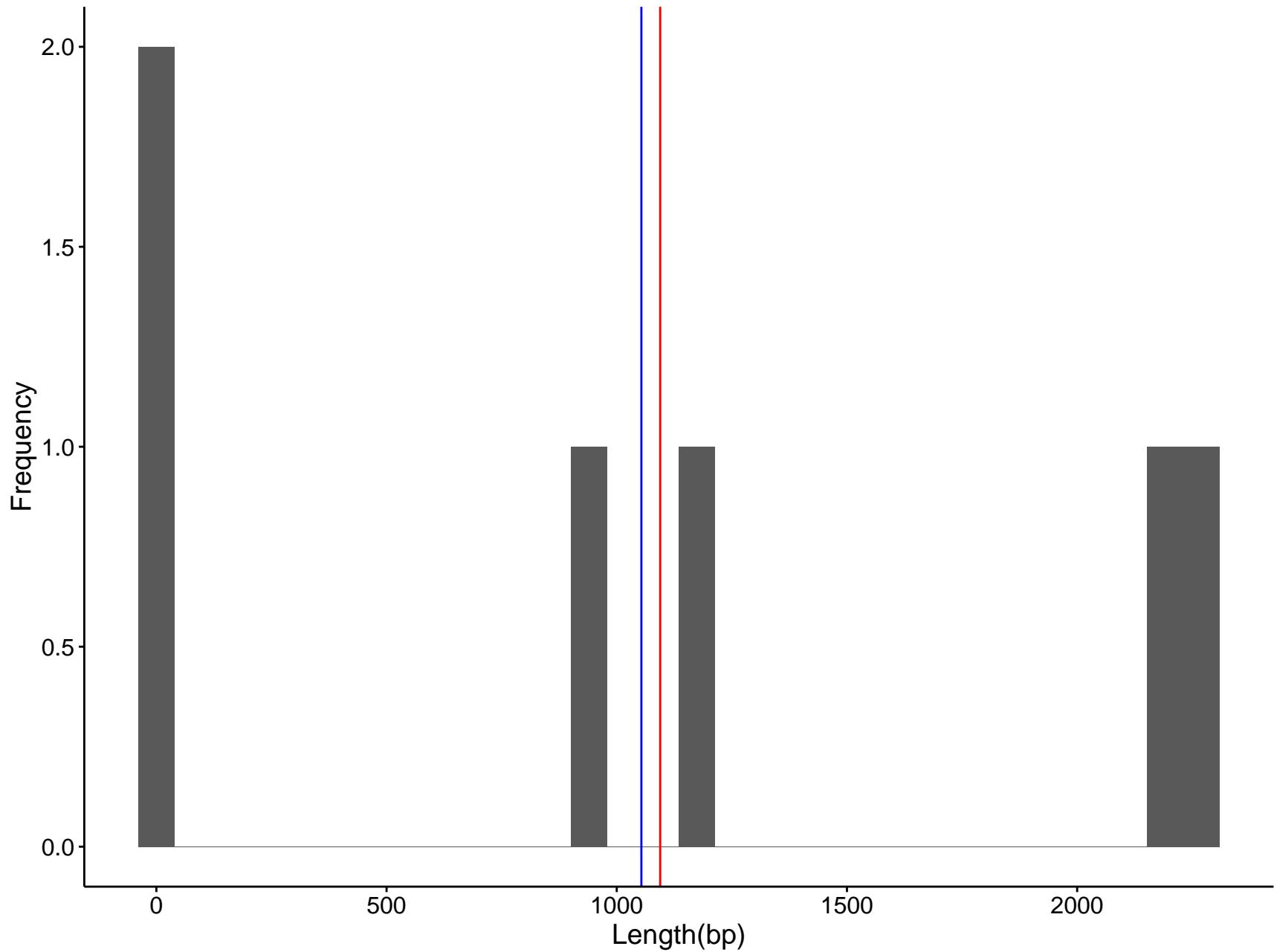
Cluster1712



Cluster1713



Cluster1714



Cluster1719

Frequency

255.950

255.975

256.000

256.025

256.050

Length(bp)



Cluster1721

Frequency

35.950

35.975

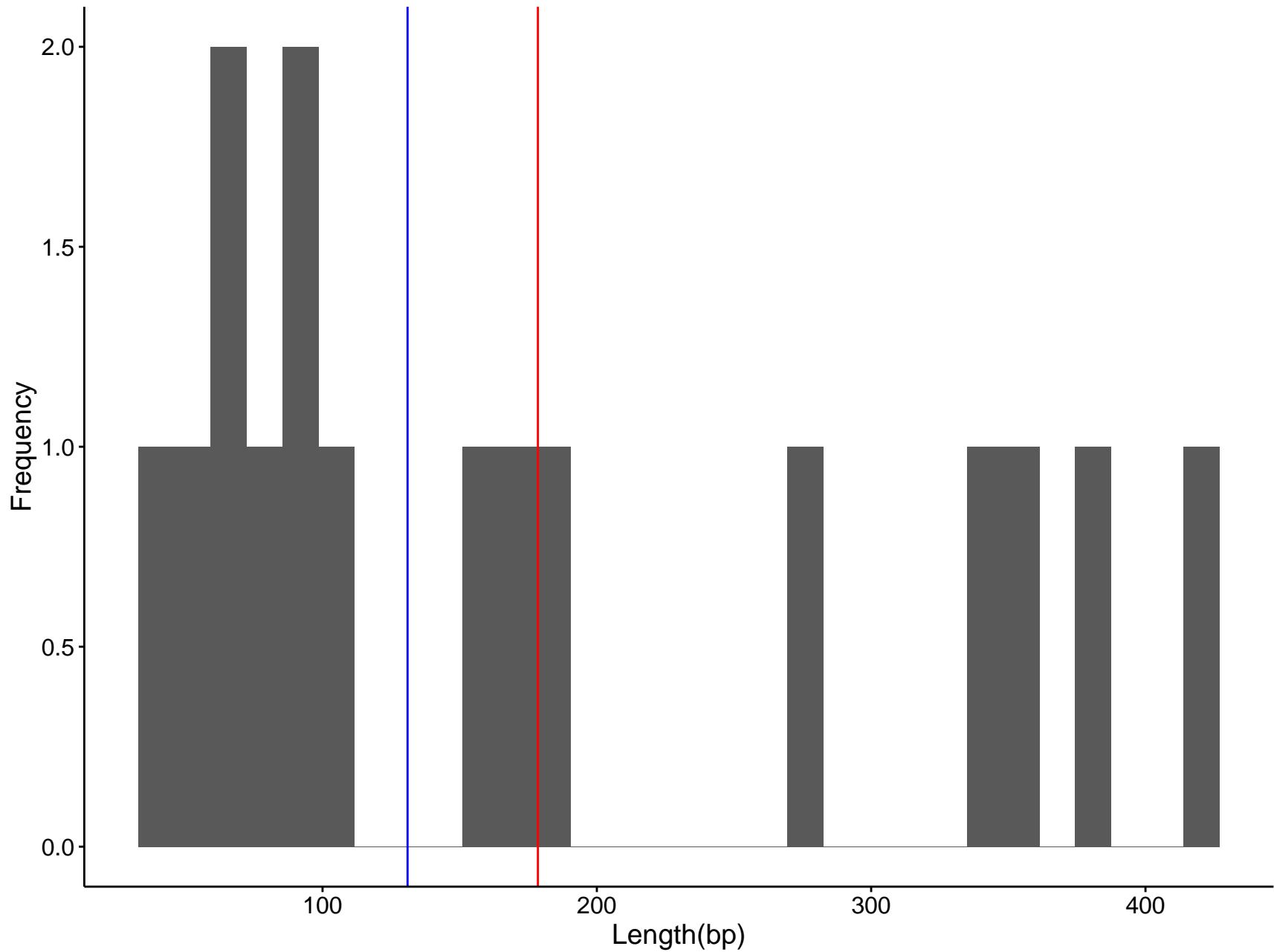
36.000

36.025

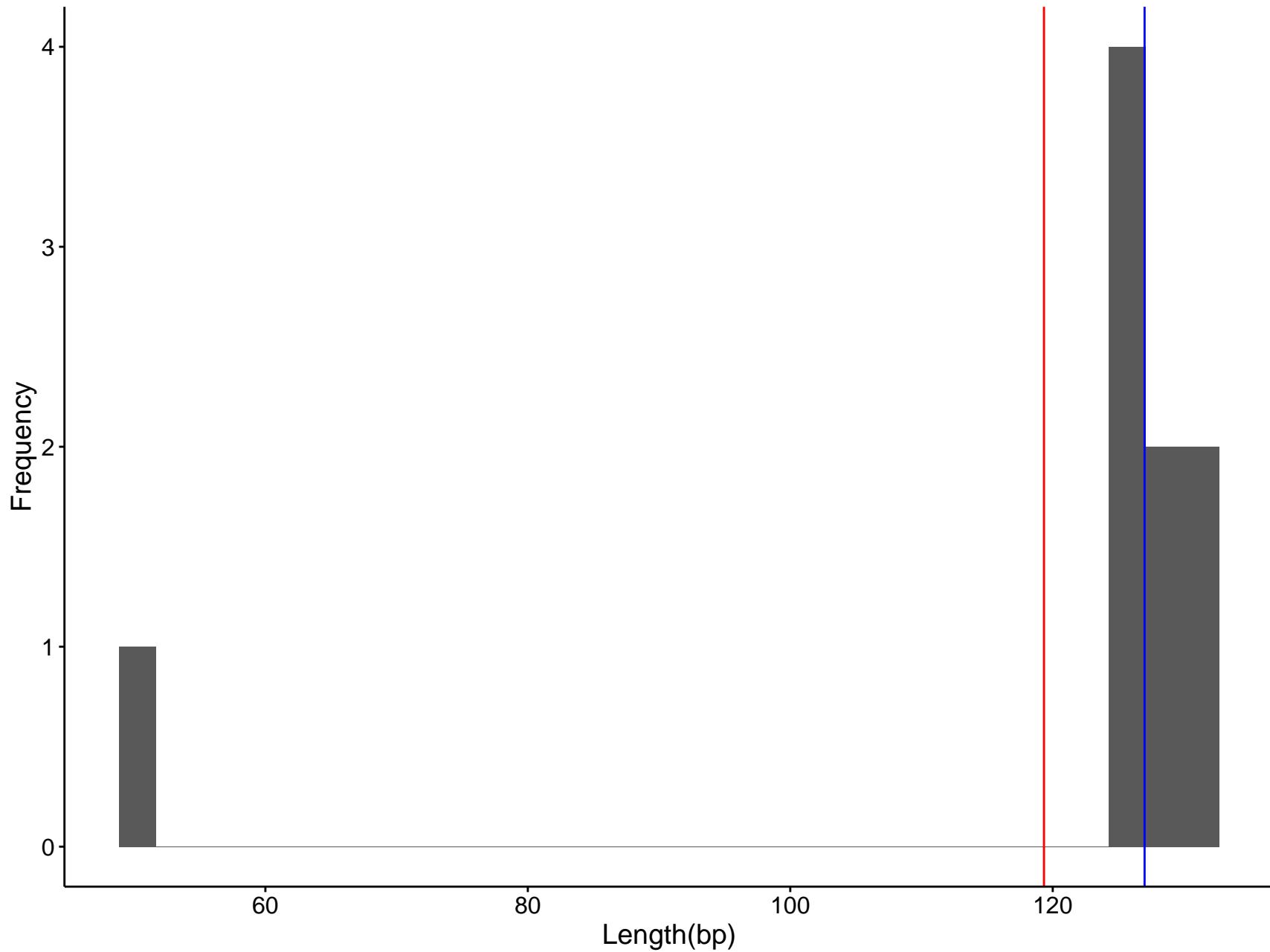
Length(bp)



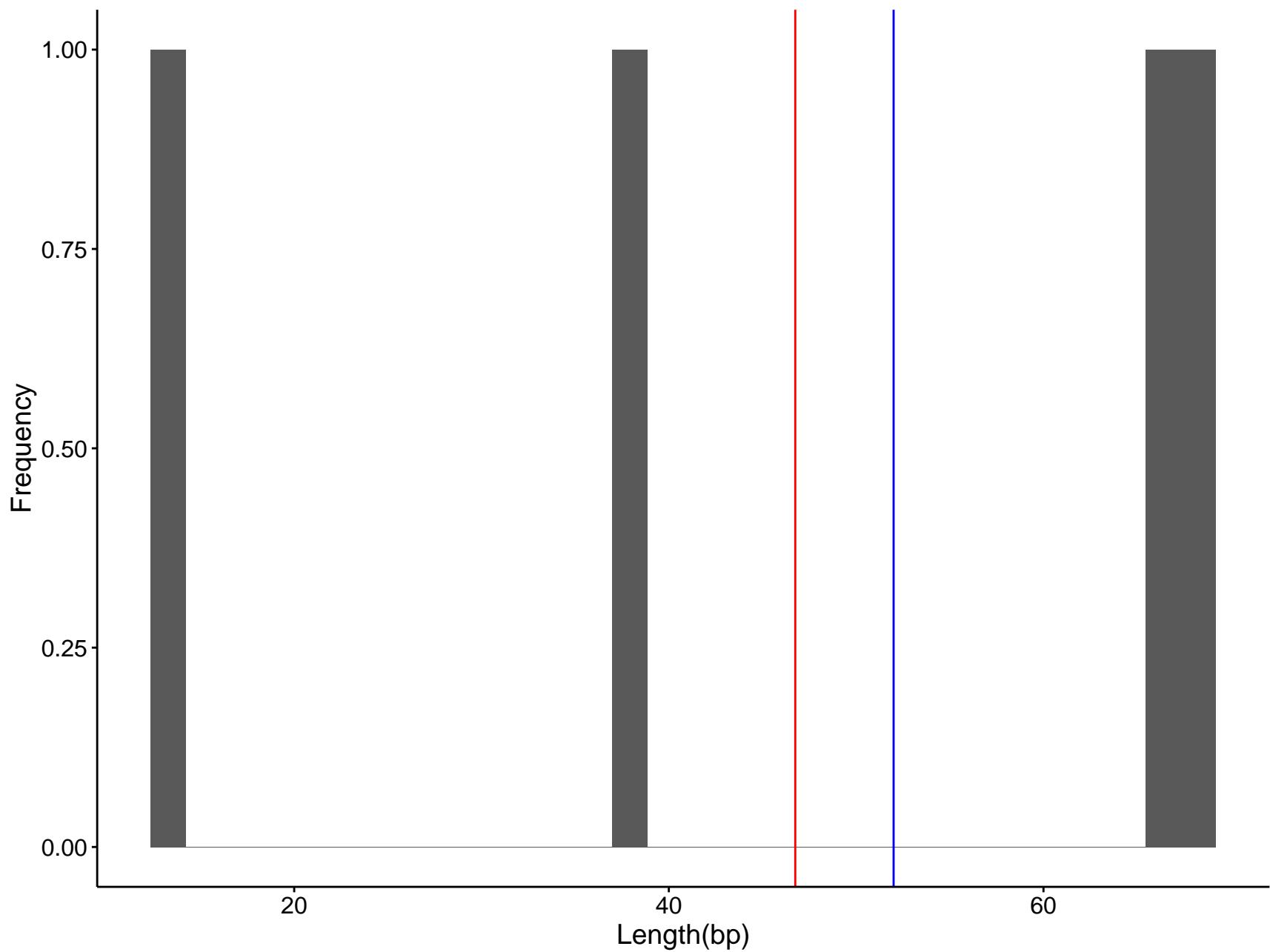
Cluster1725



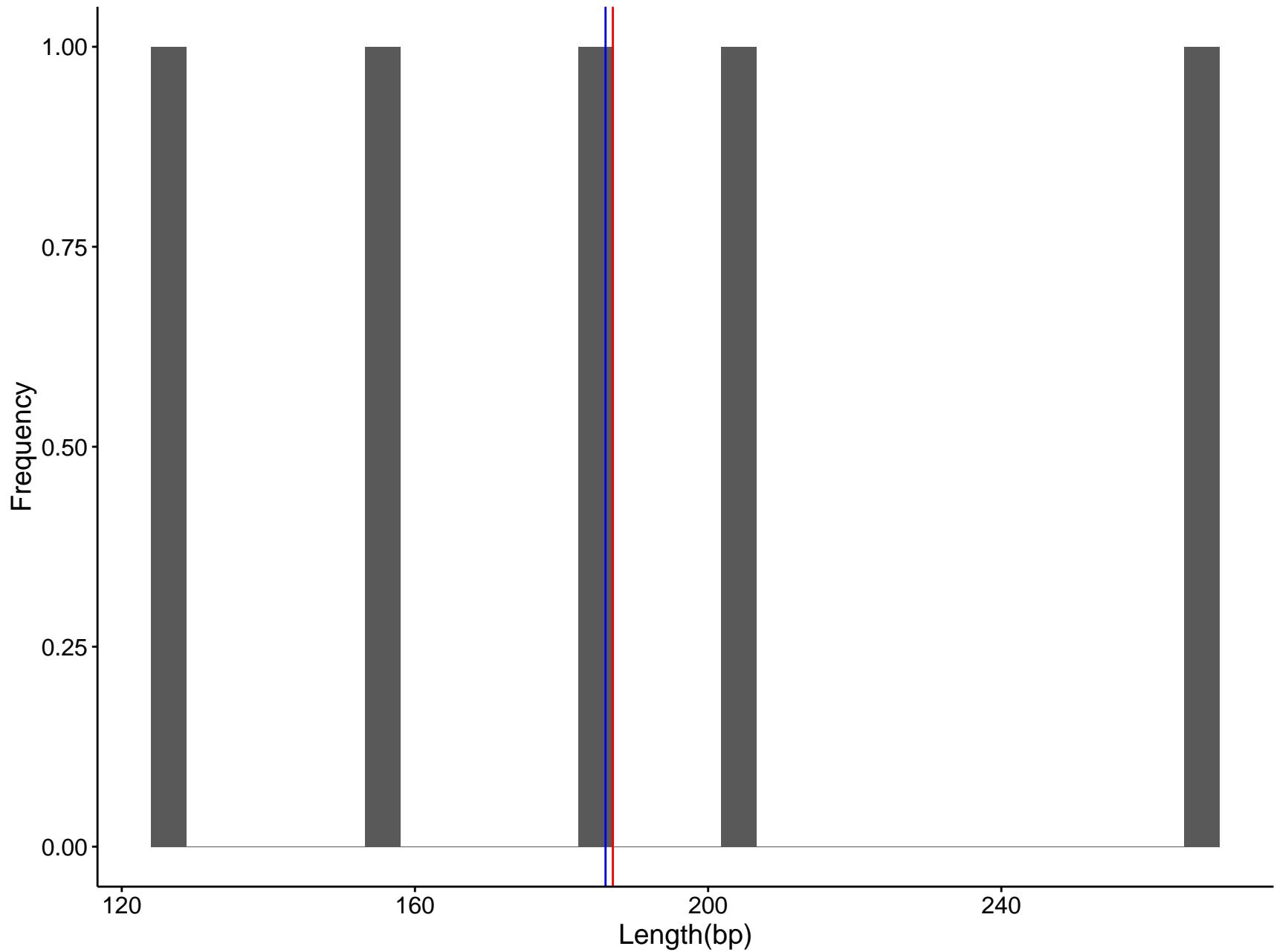
Cluster1726



Cluster1727



Cluster173



Cluster175

Frequency

223.950

223.975

224.000

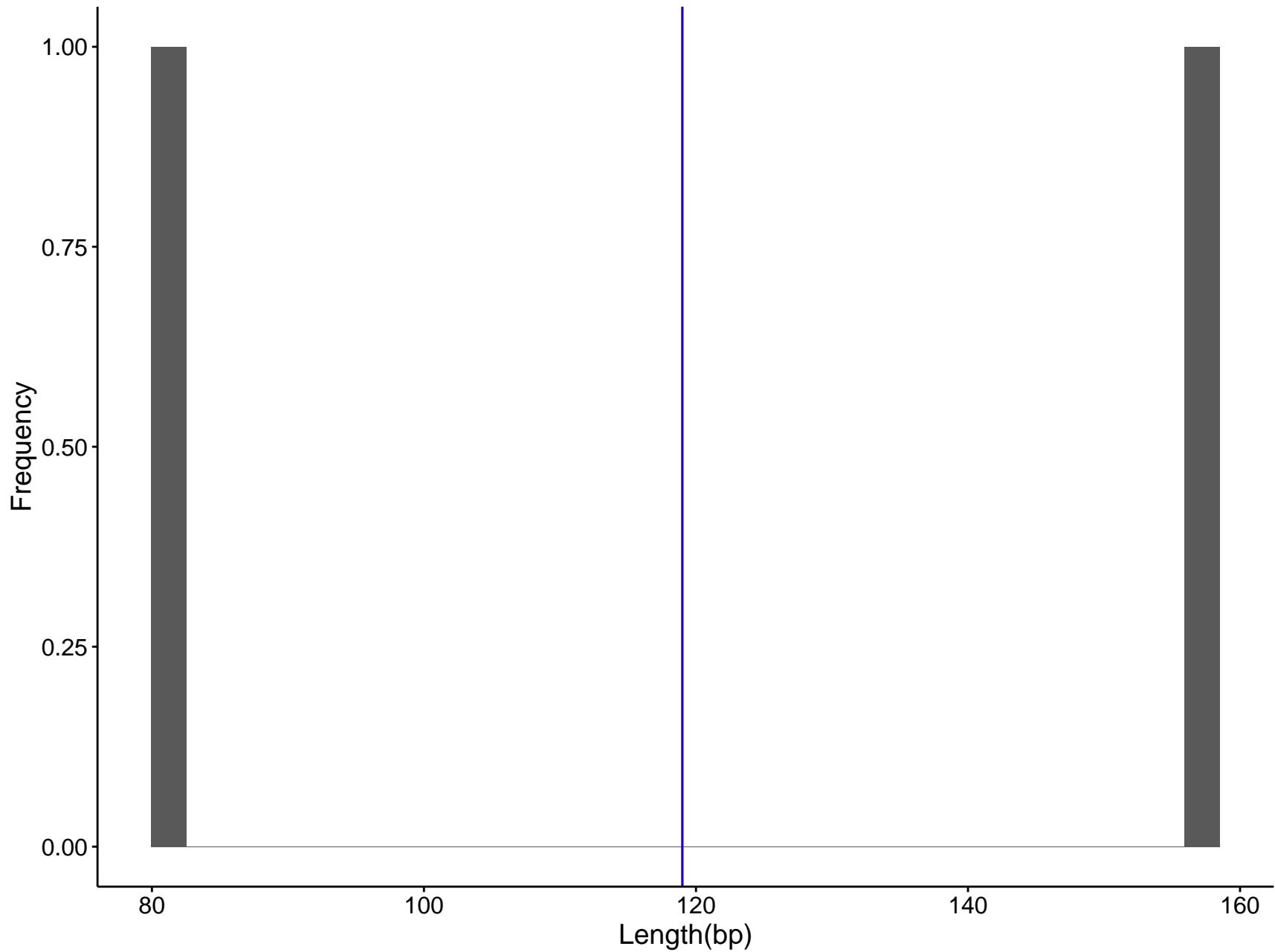
224.025

224.050

Length(bp)



Cluster176



Cluster177

Frequency

77.950

77.975

78.000

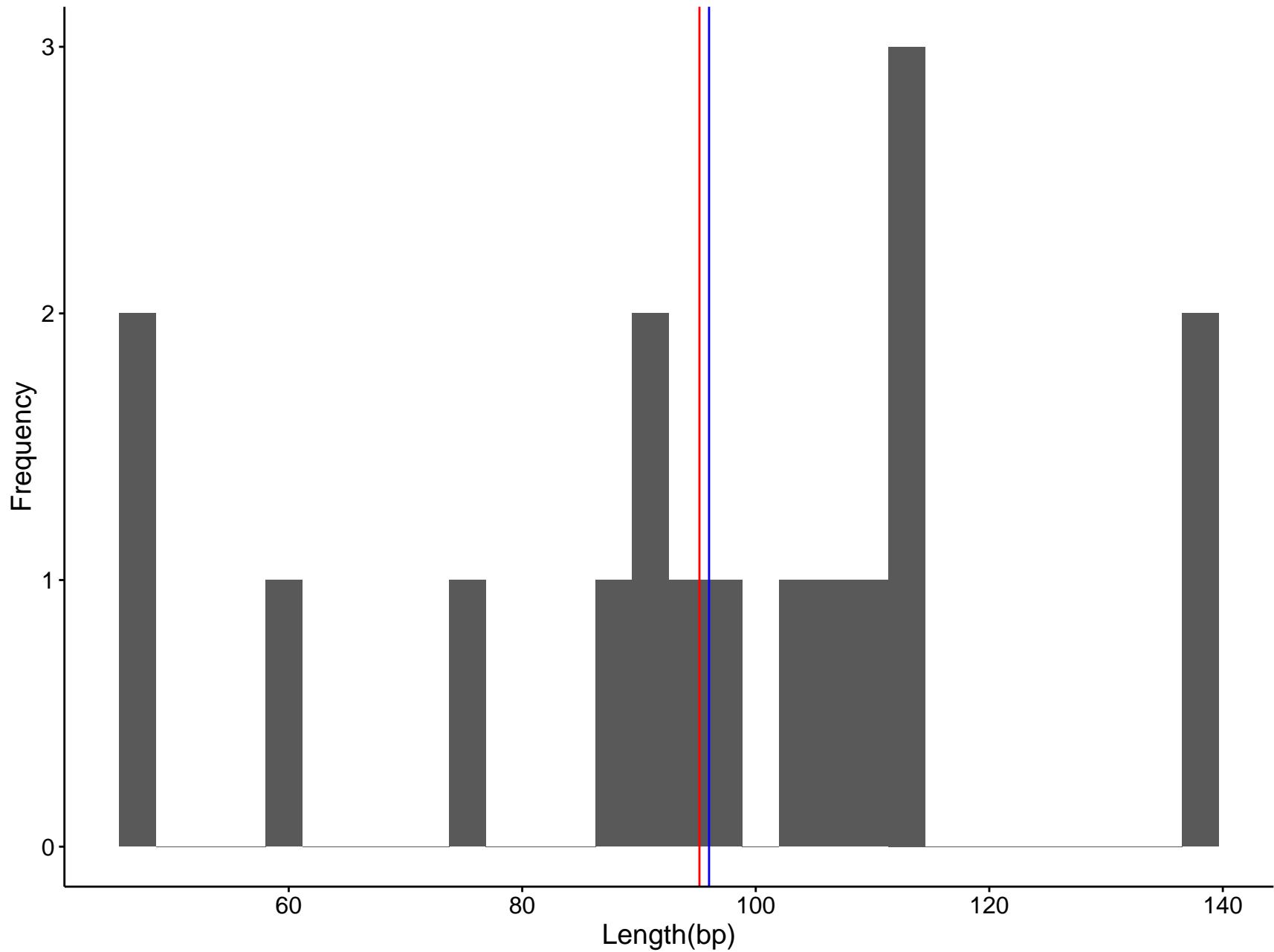
78.025

78.0

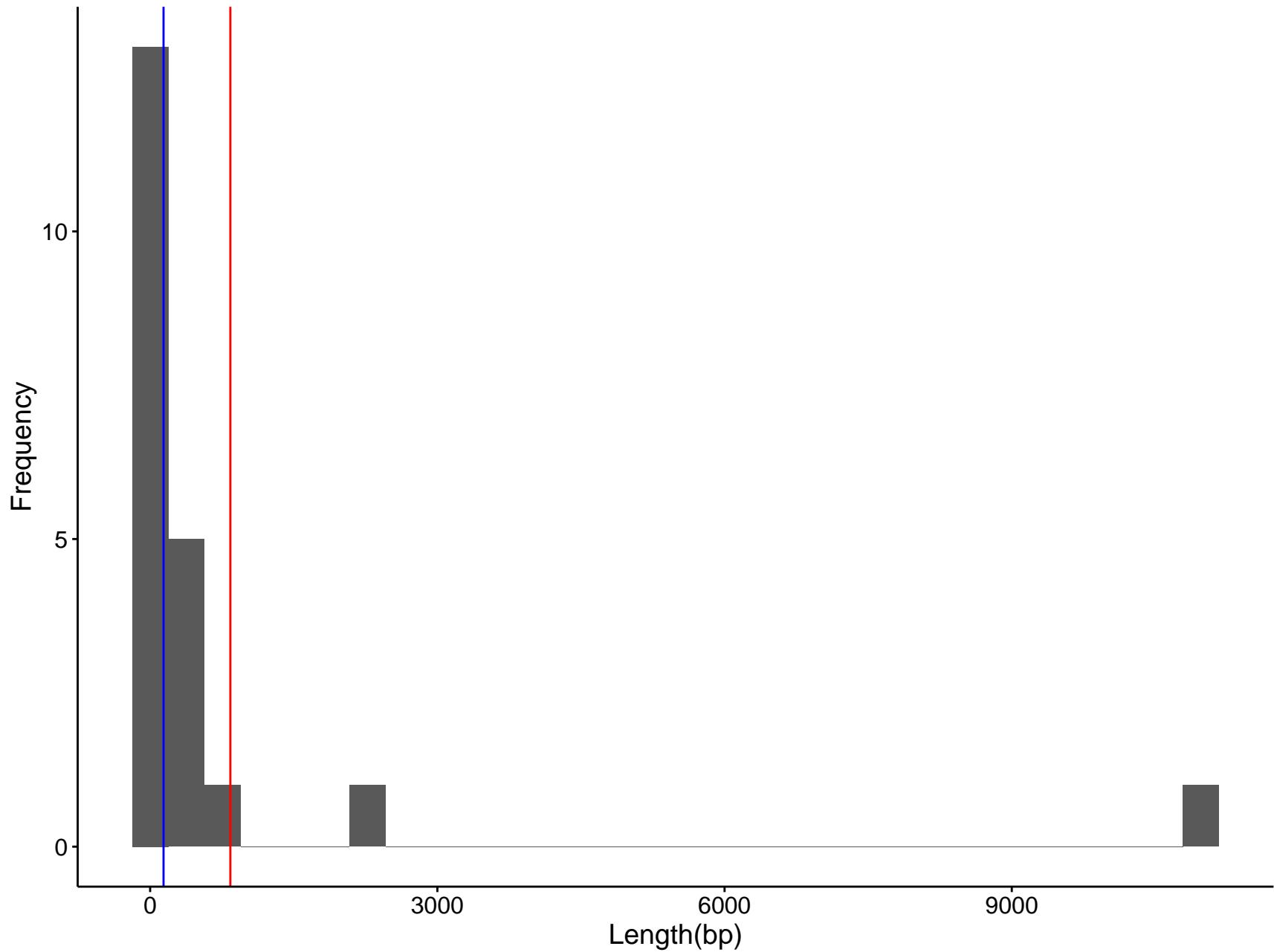
Length(bp)



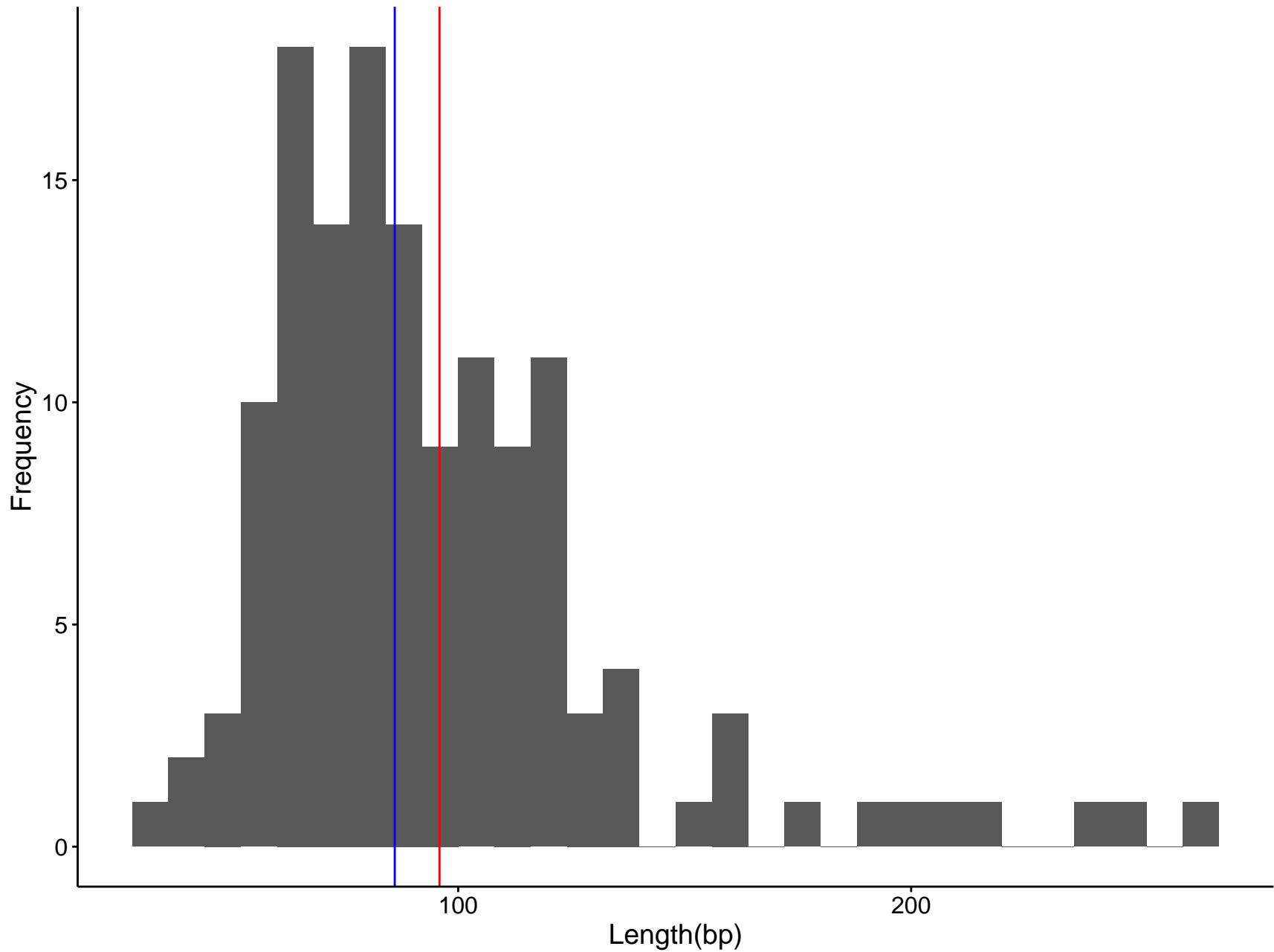
Cluster178



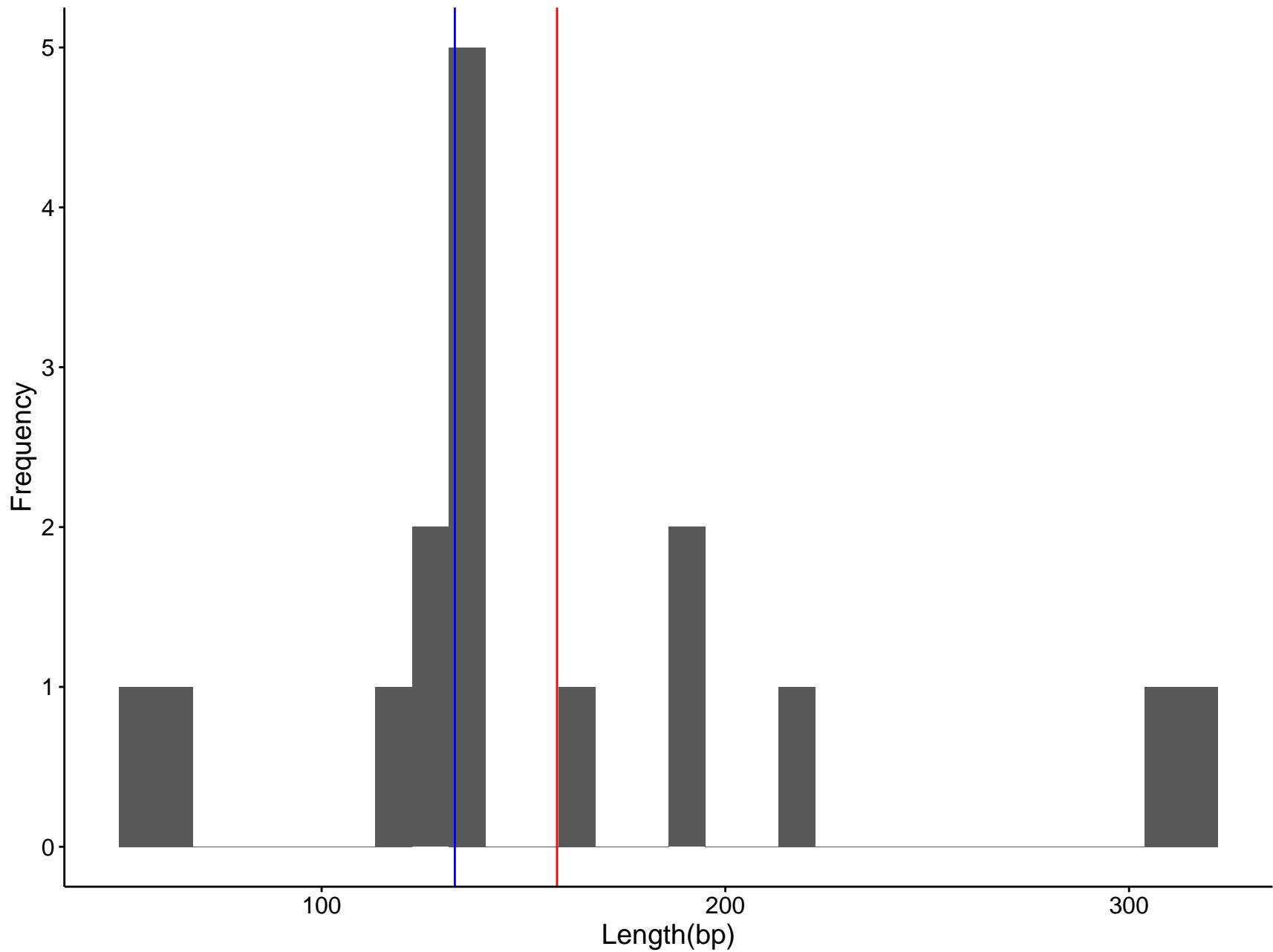
Cluster17



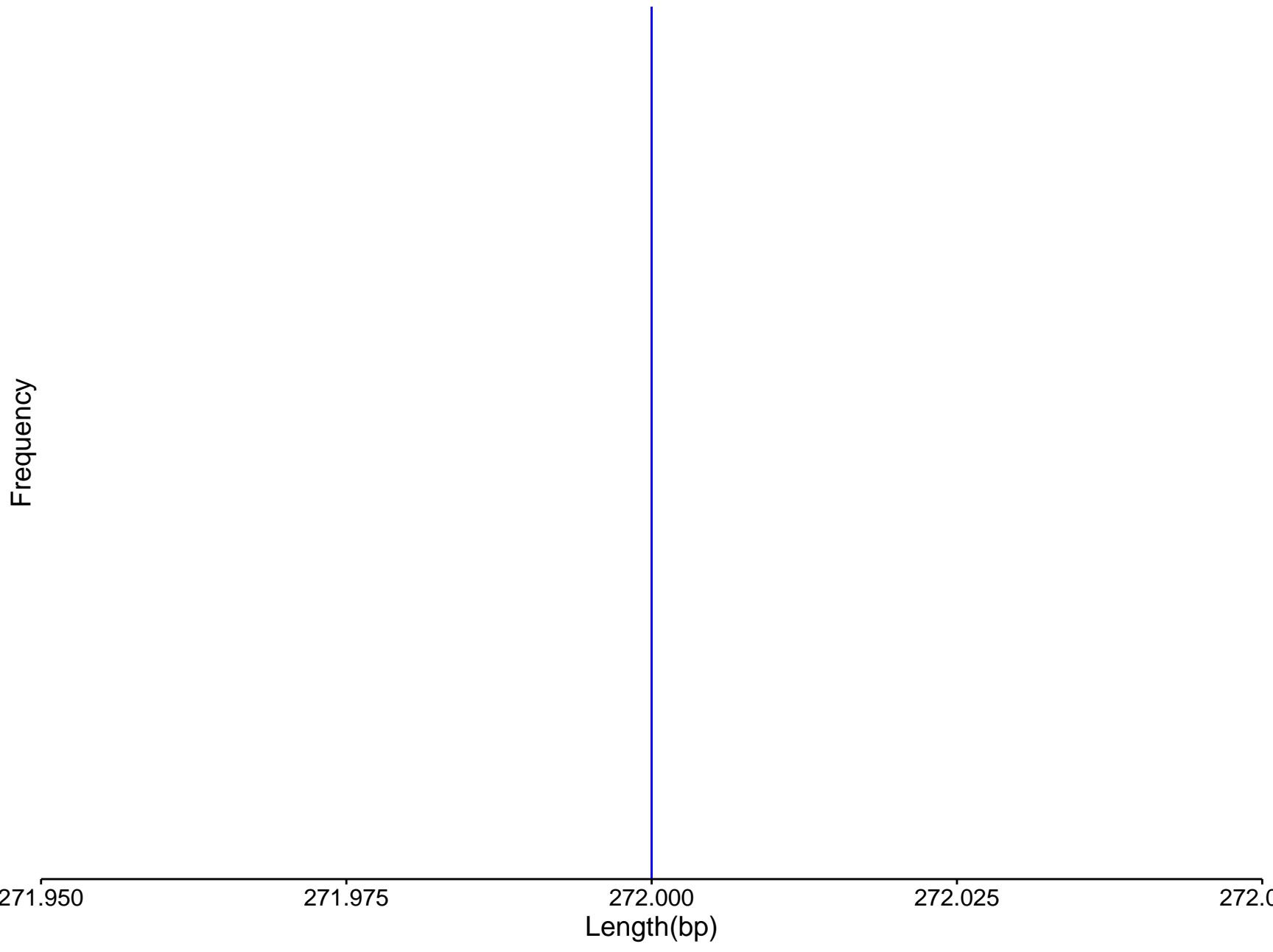
Cluster18



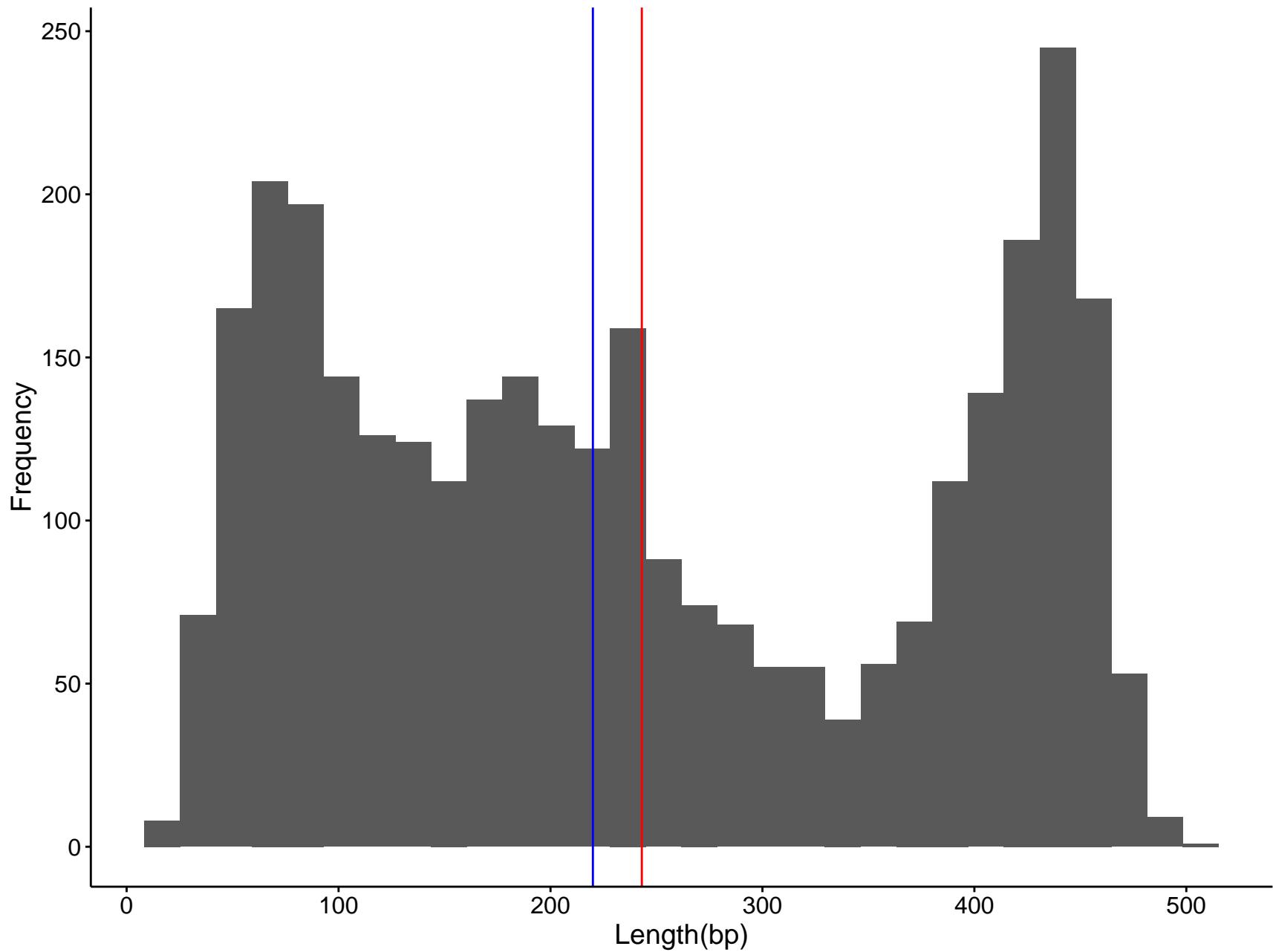
Cluster193



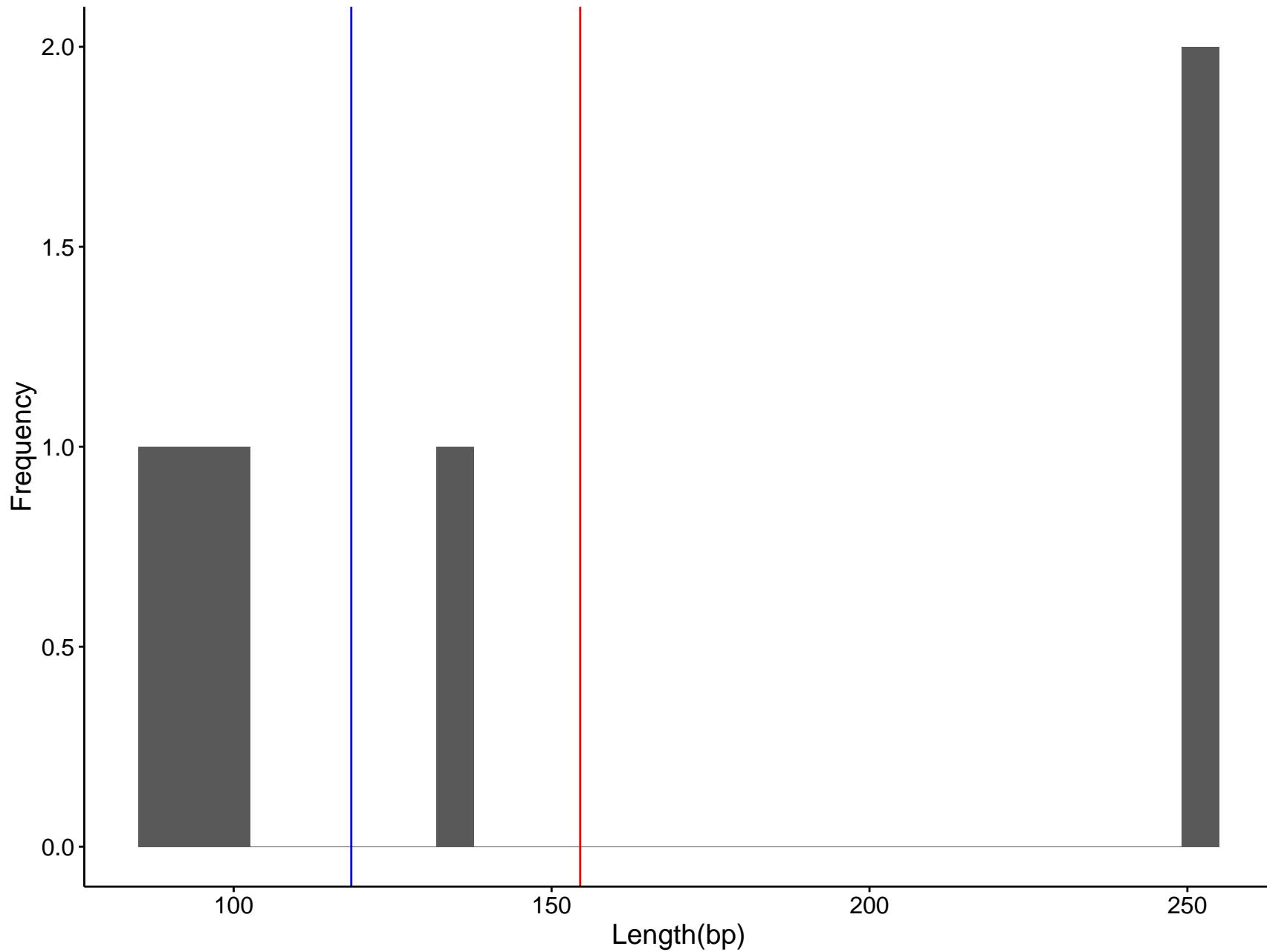
Cluster198



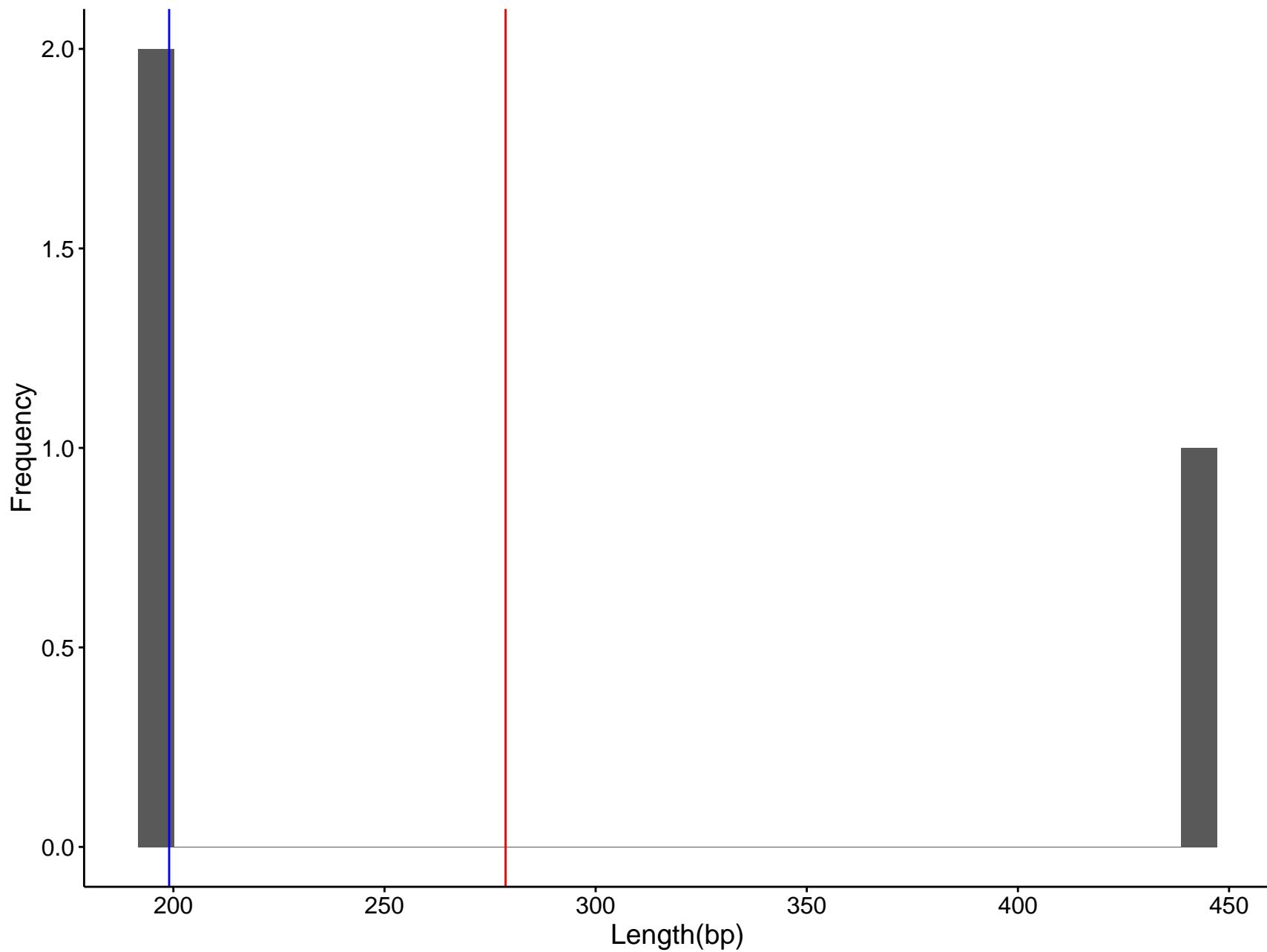
Cluster19



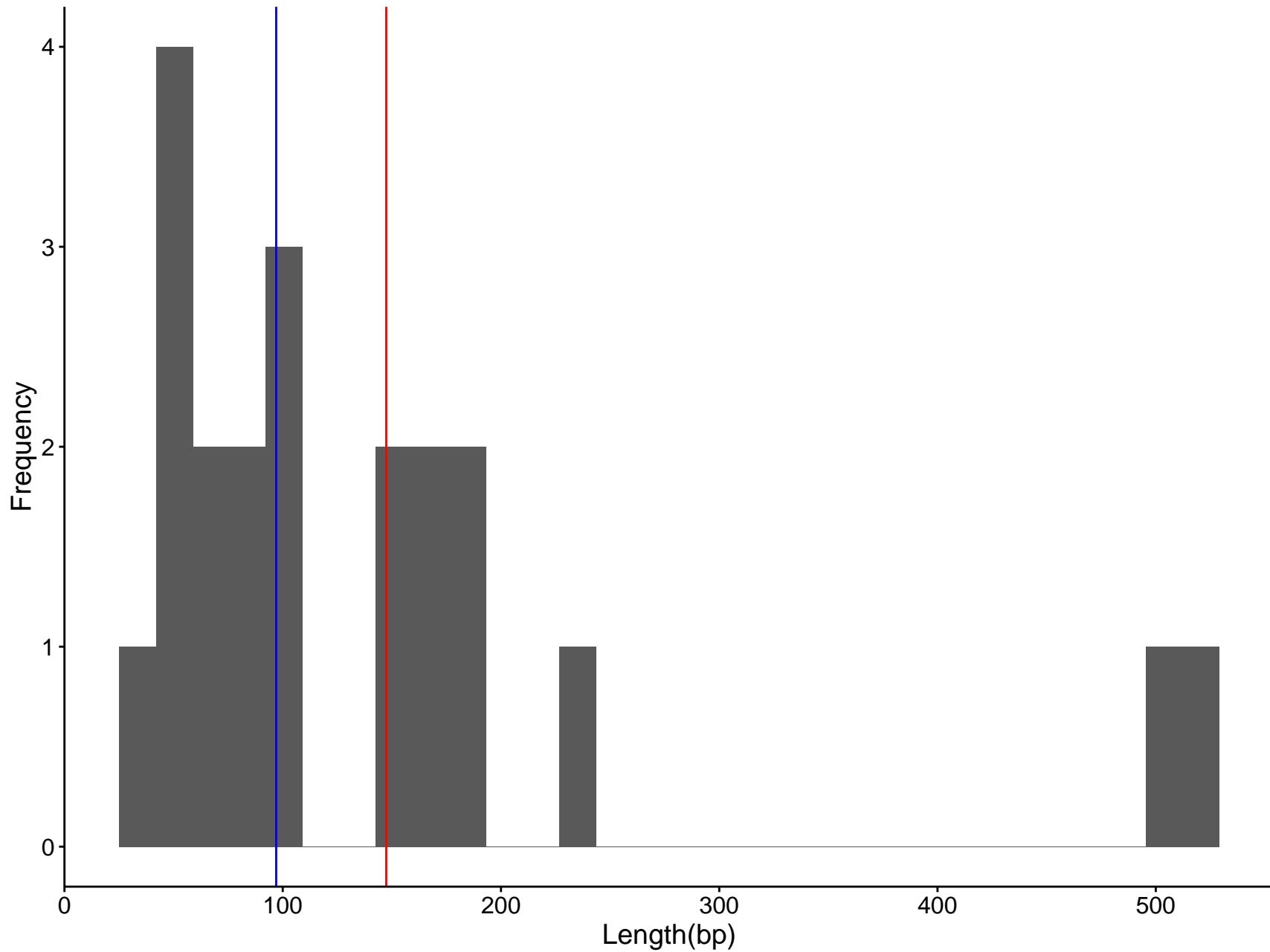
Cluster201



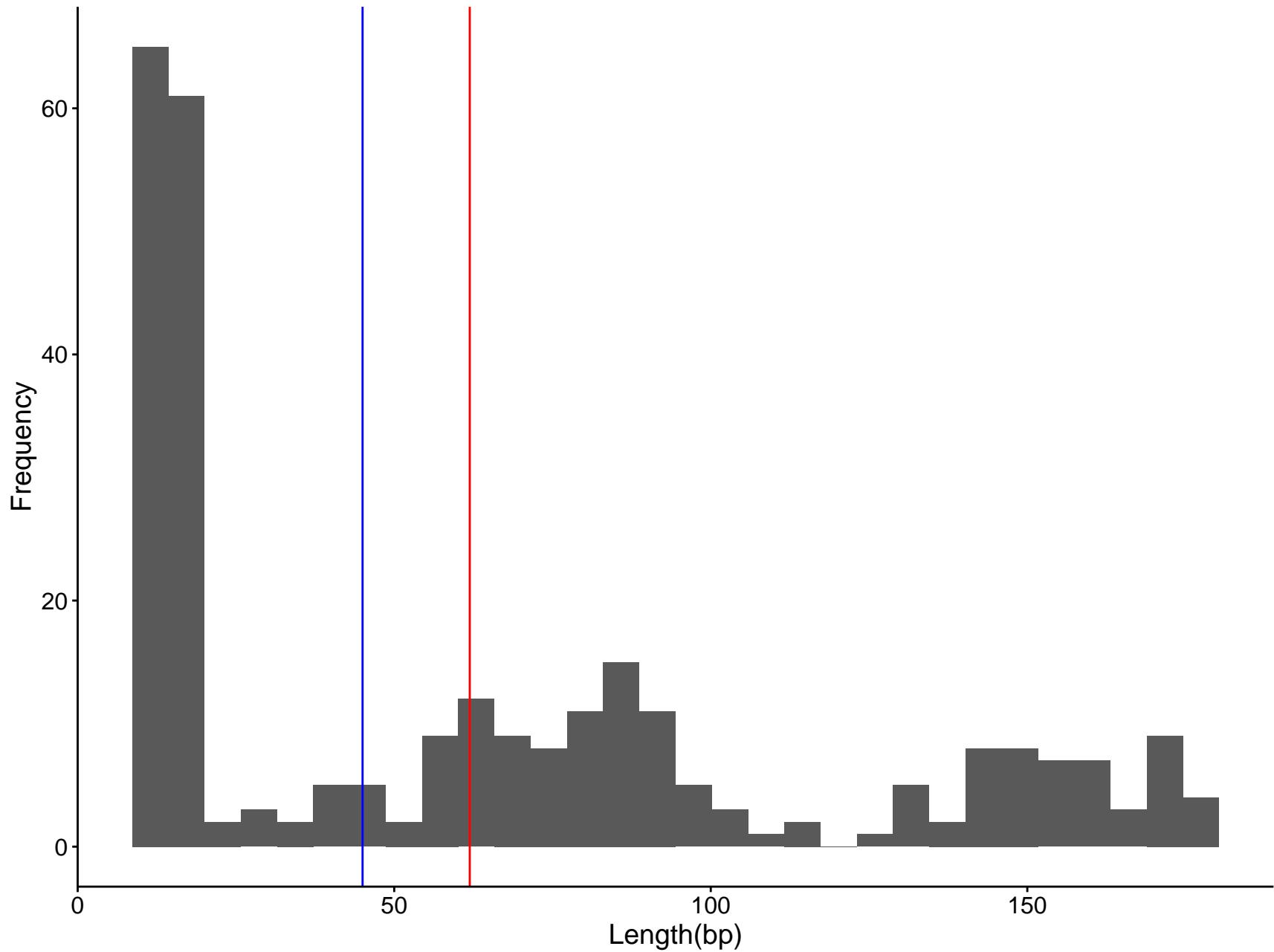
Cluster203



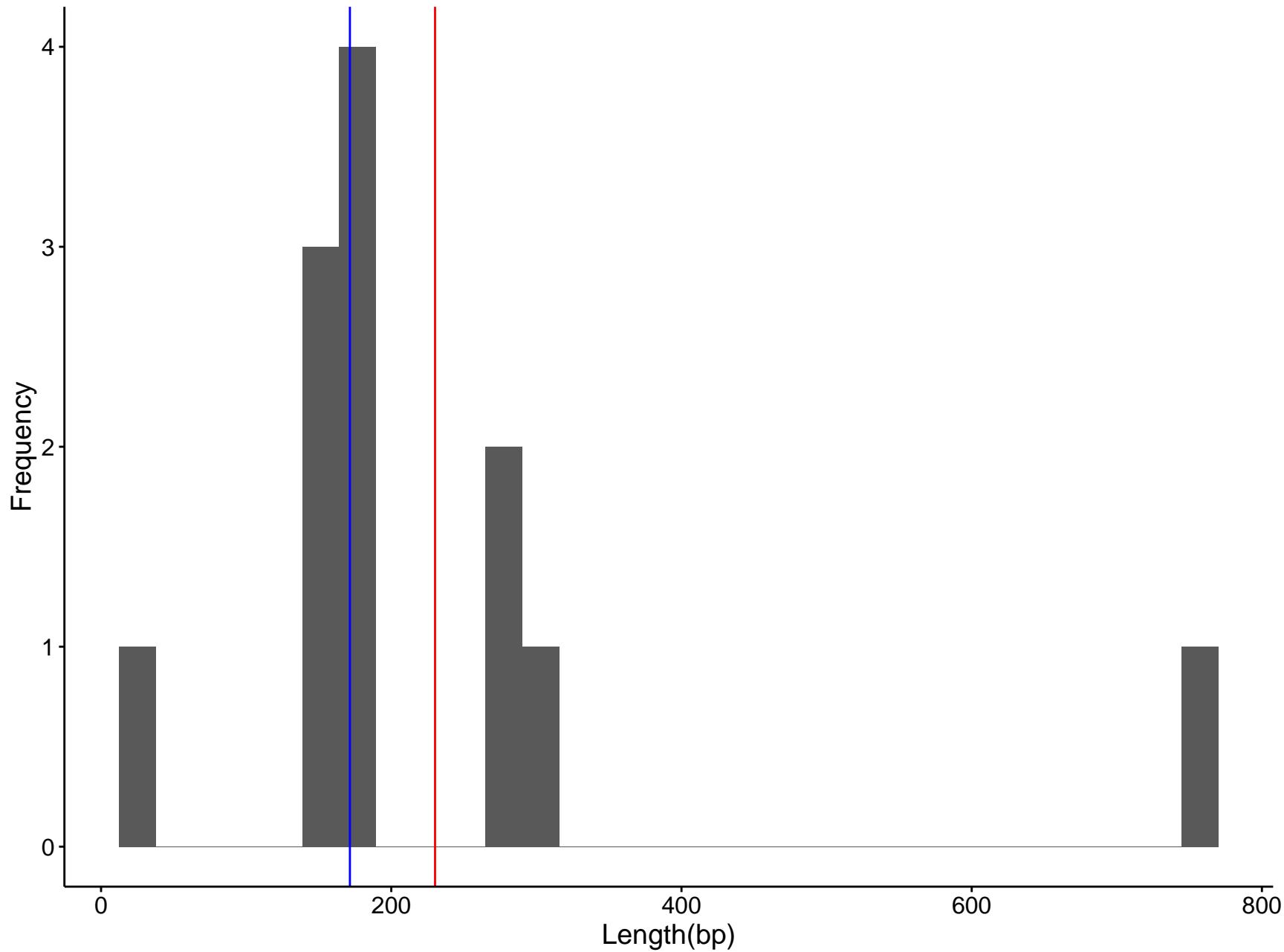
Cluster206



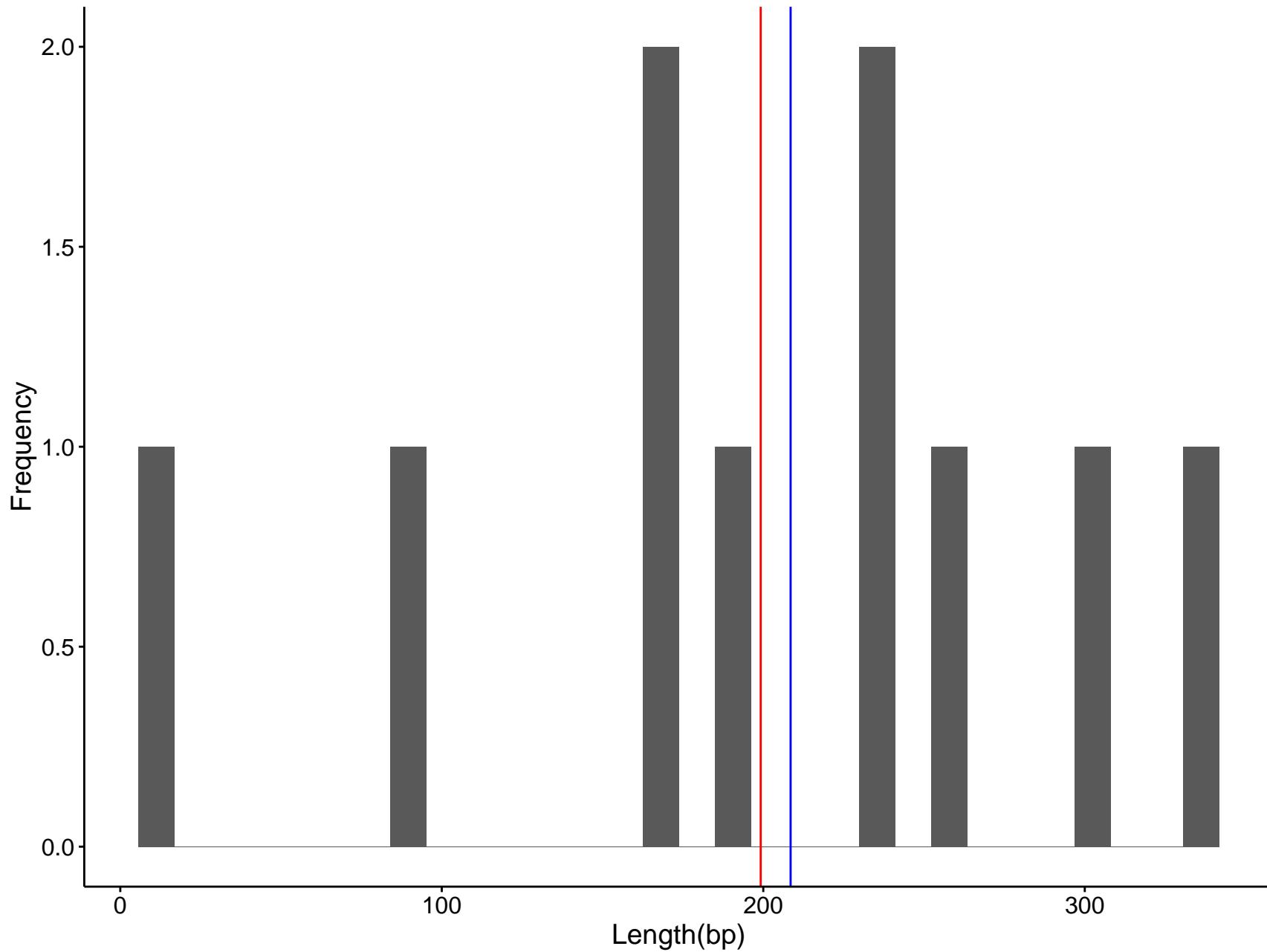
Cluster20



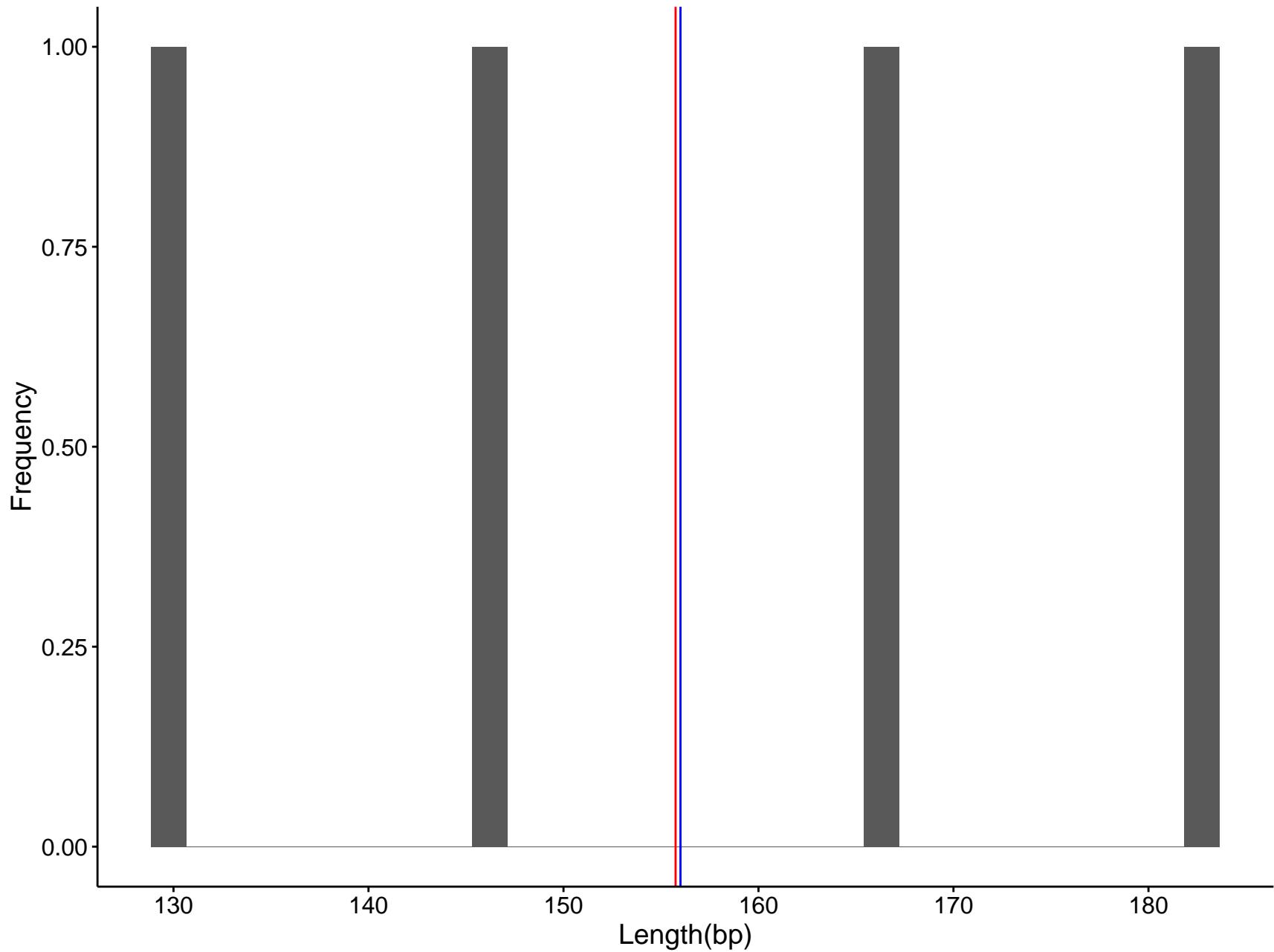
Cluster211



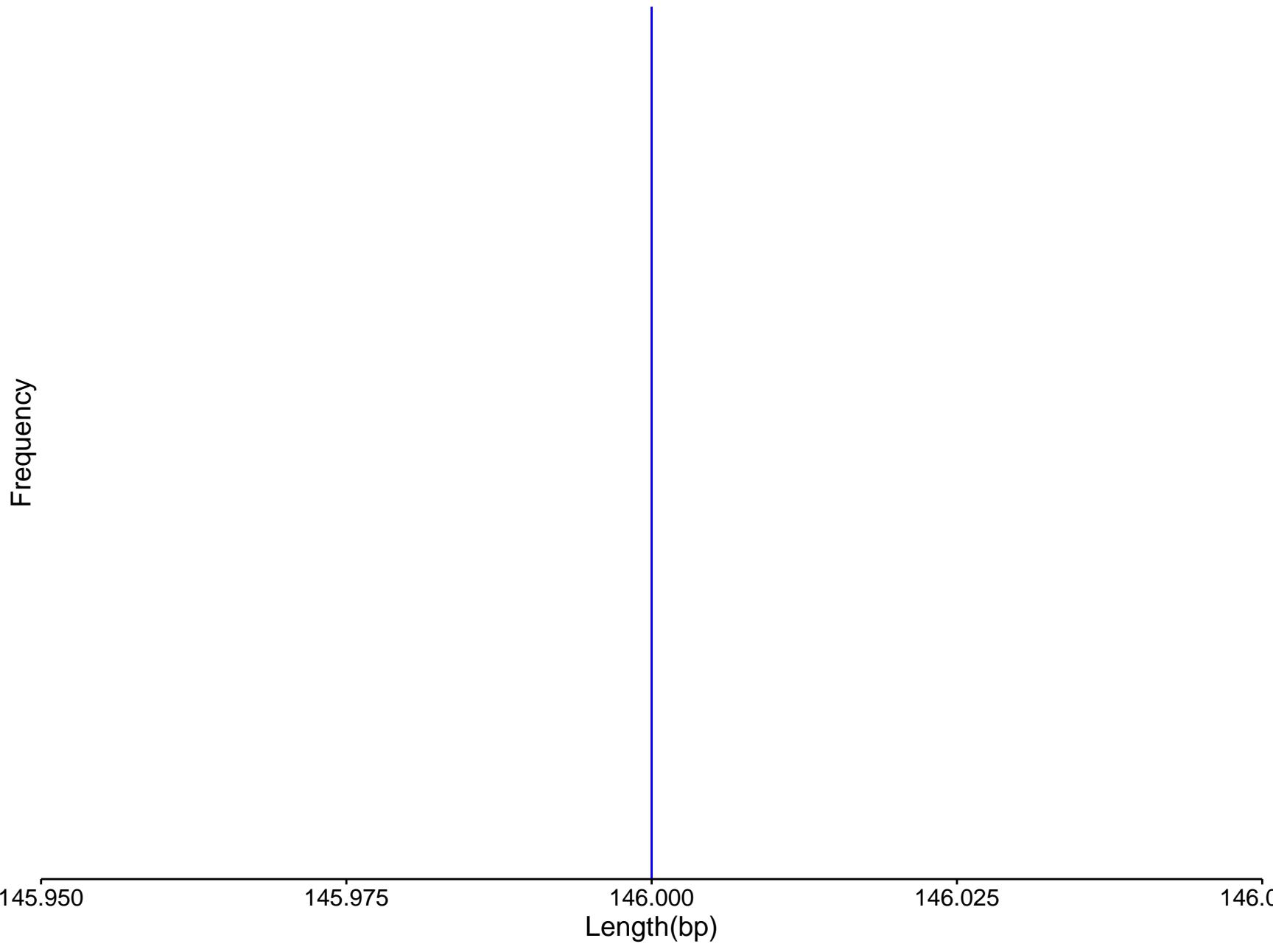
Cluster213



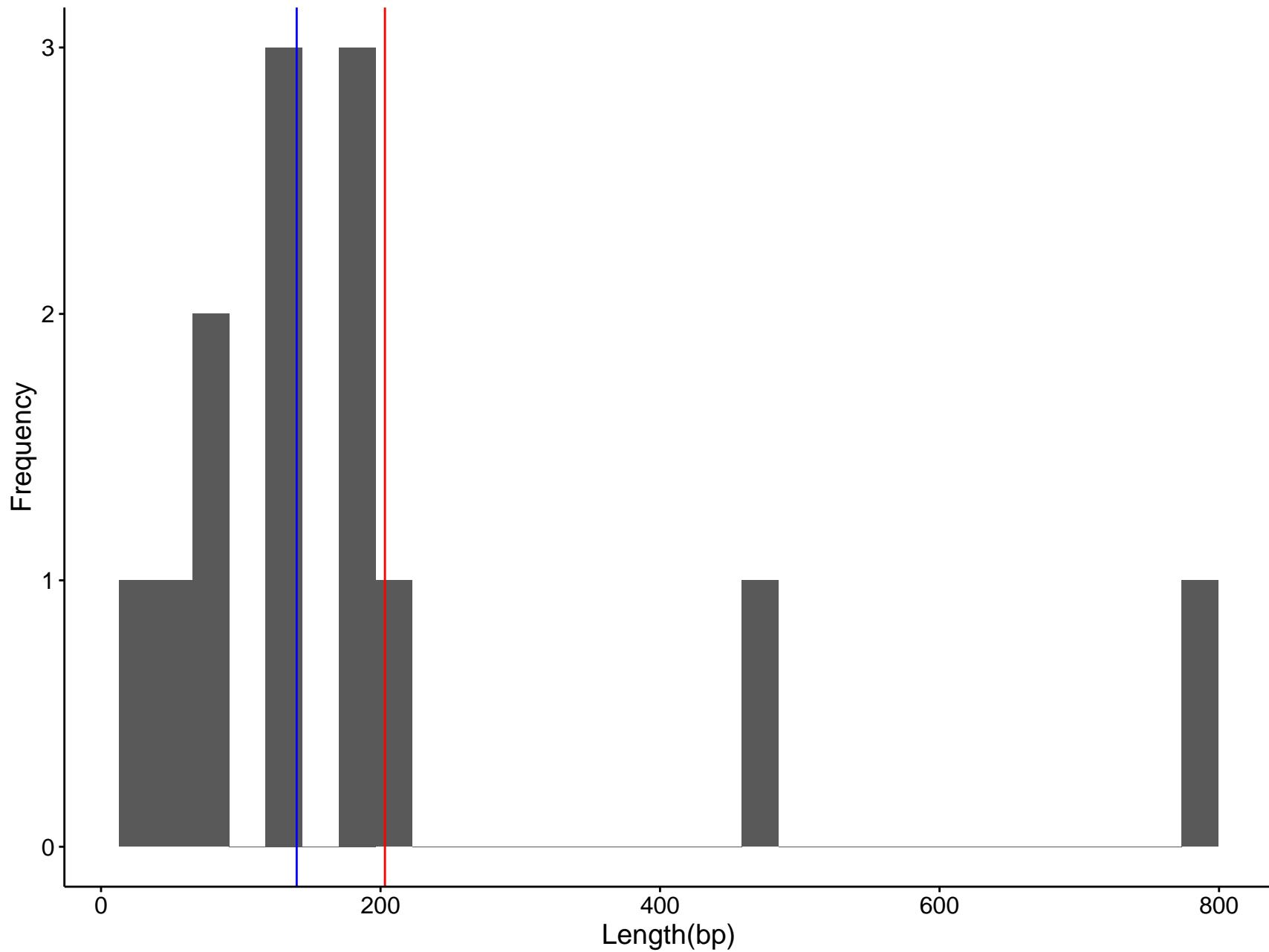
Cluster215



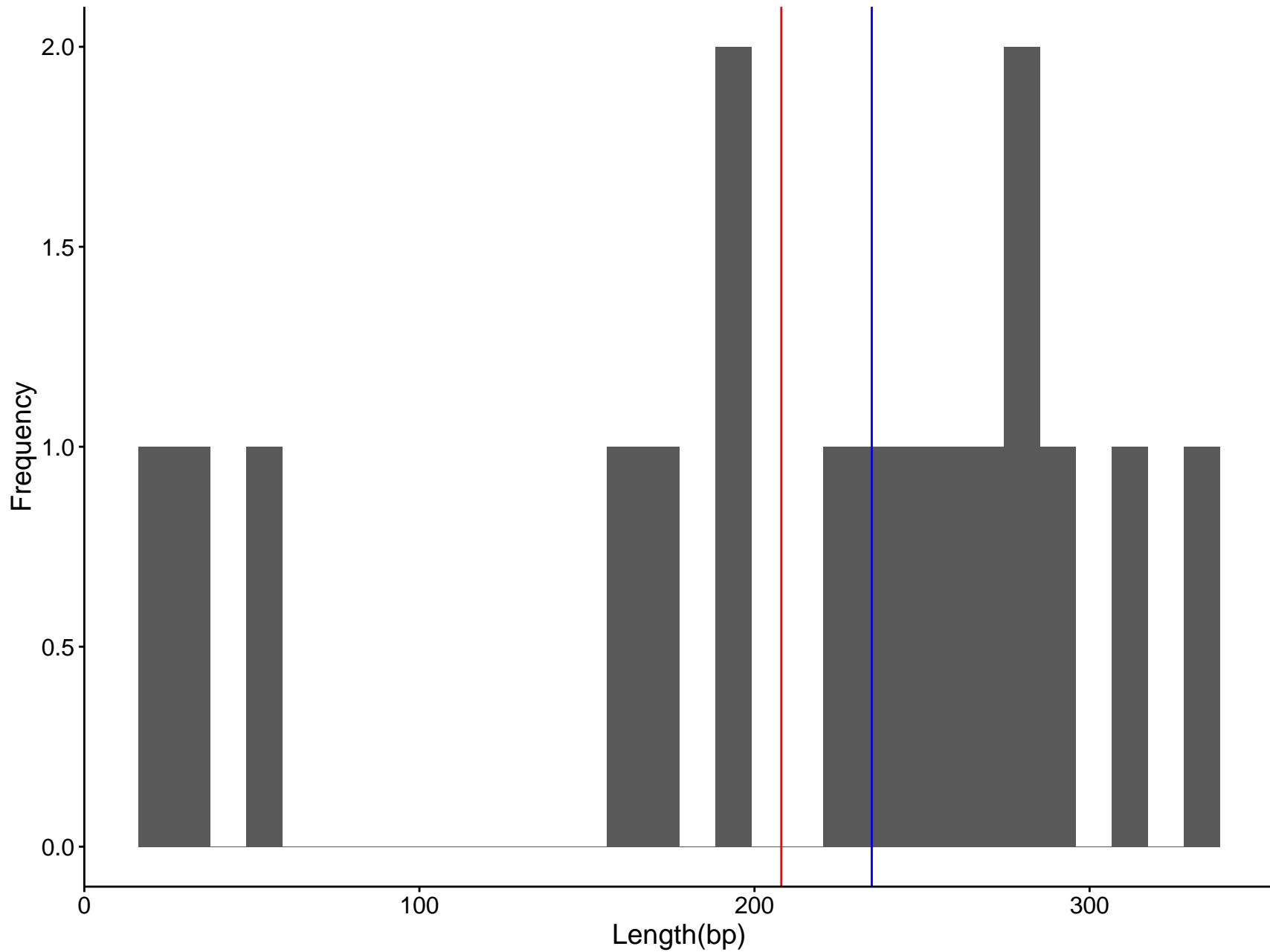
Cluster220



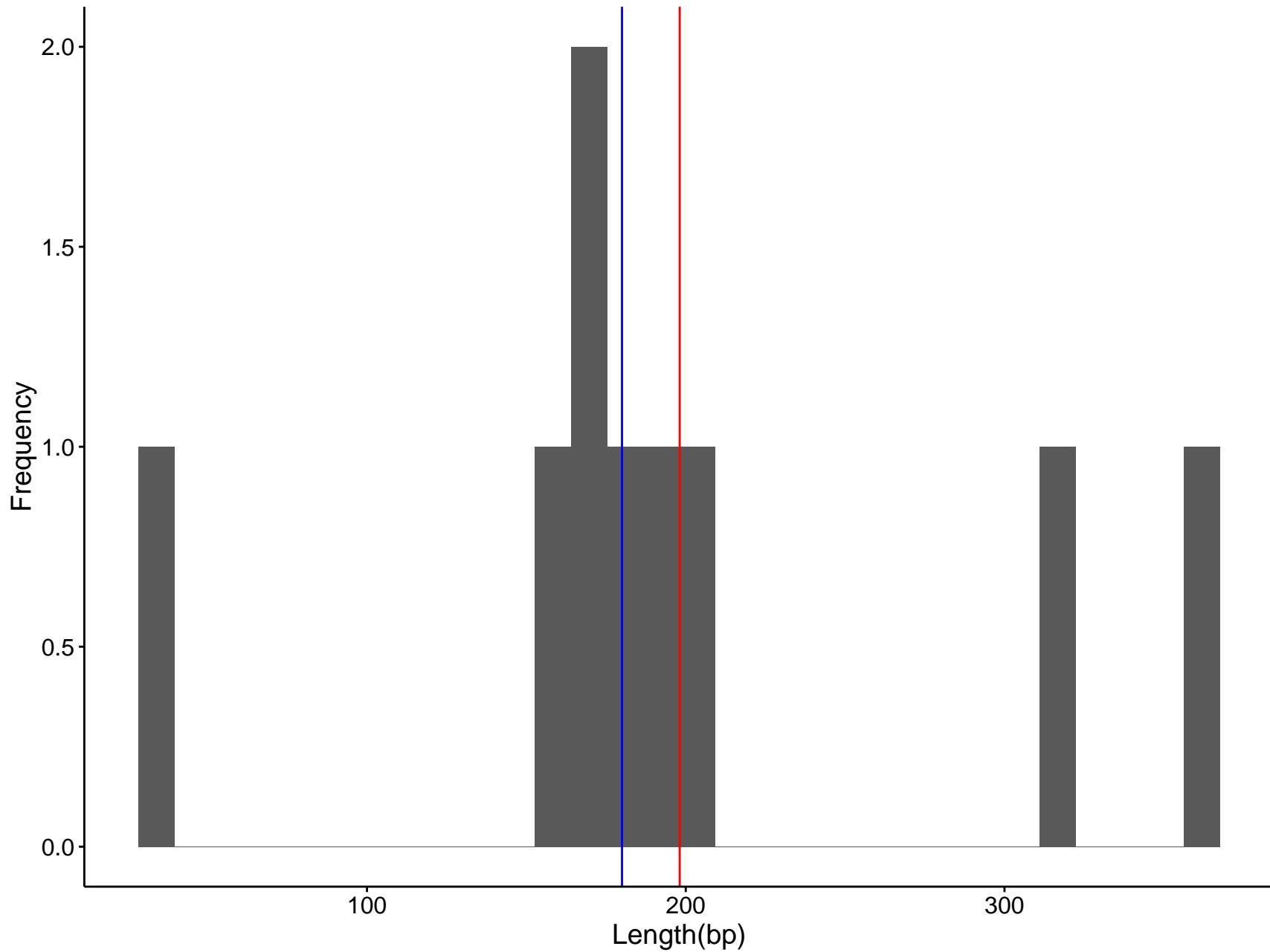
Cluster223



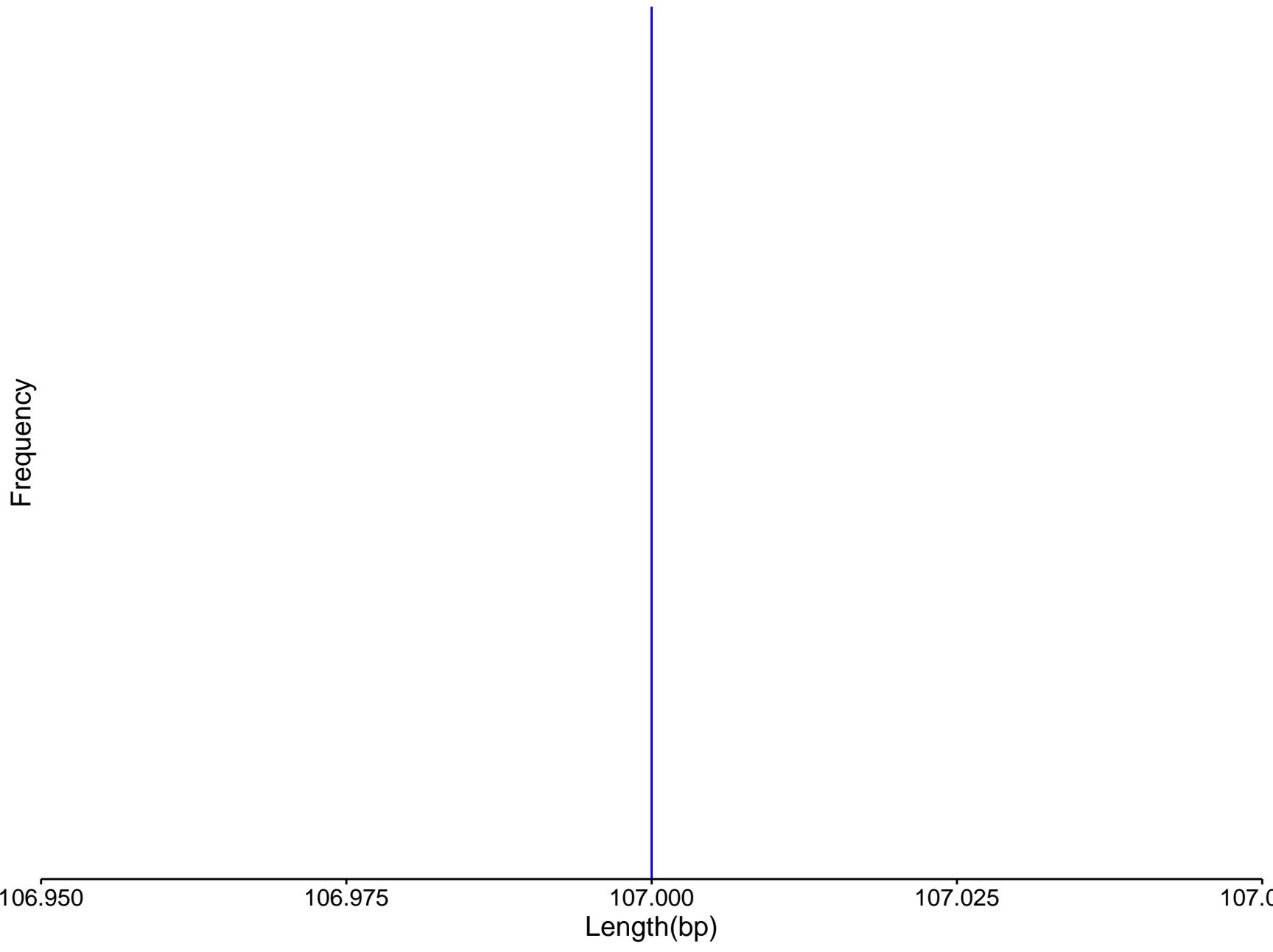
Cluster226



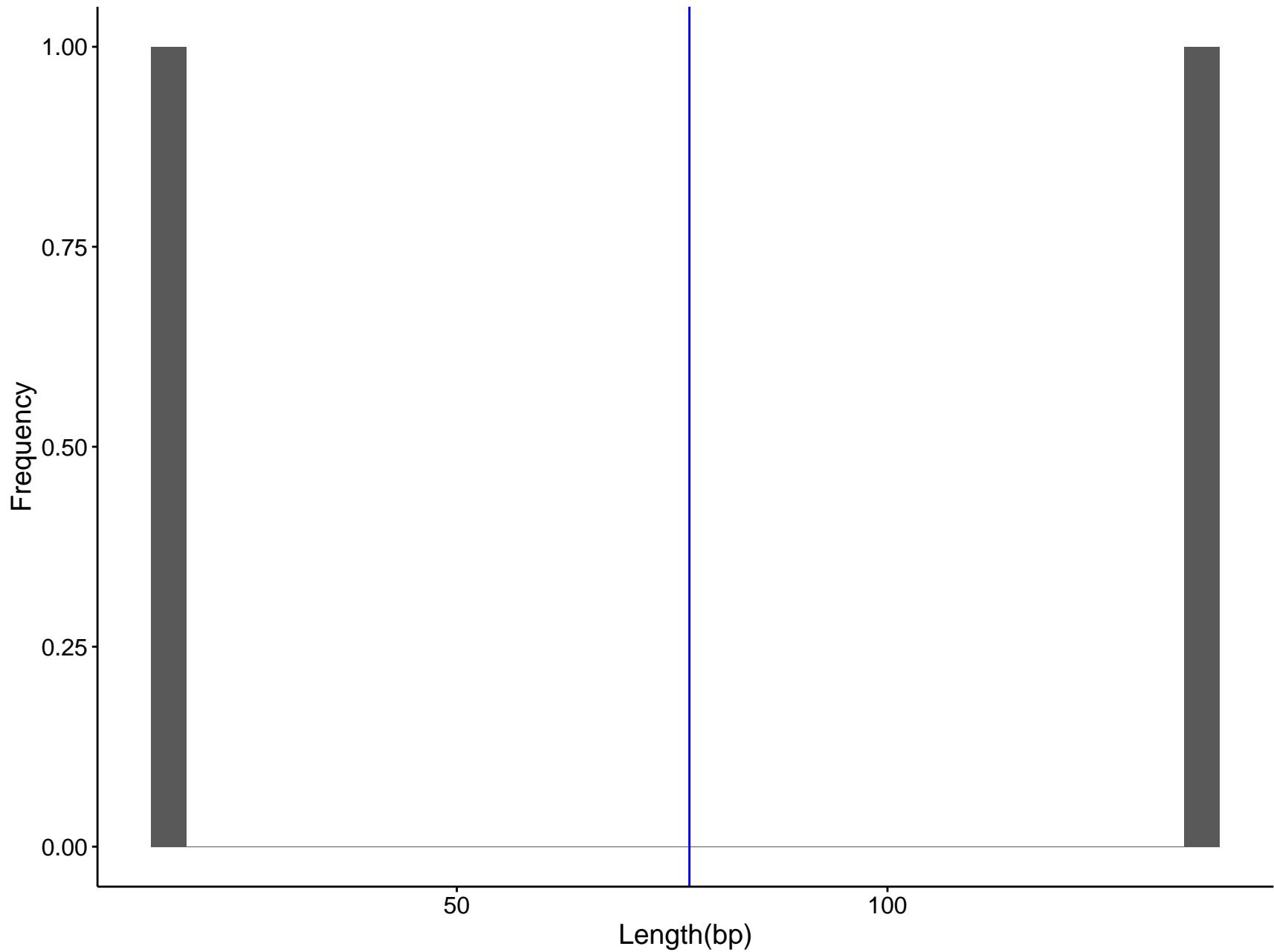
Cluster227



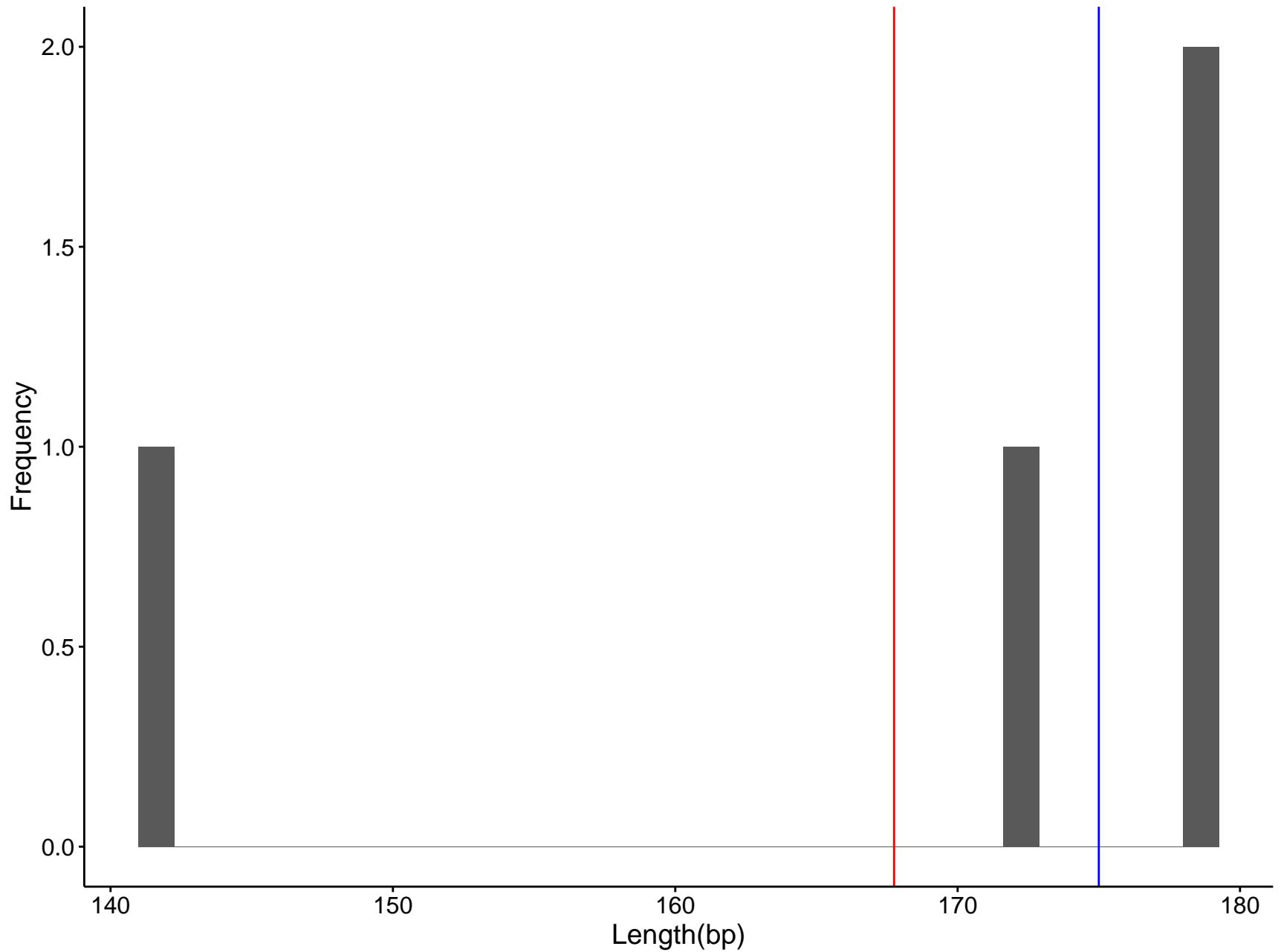
Cluster228



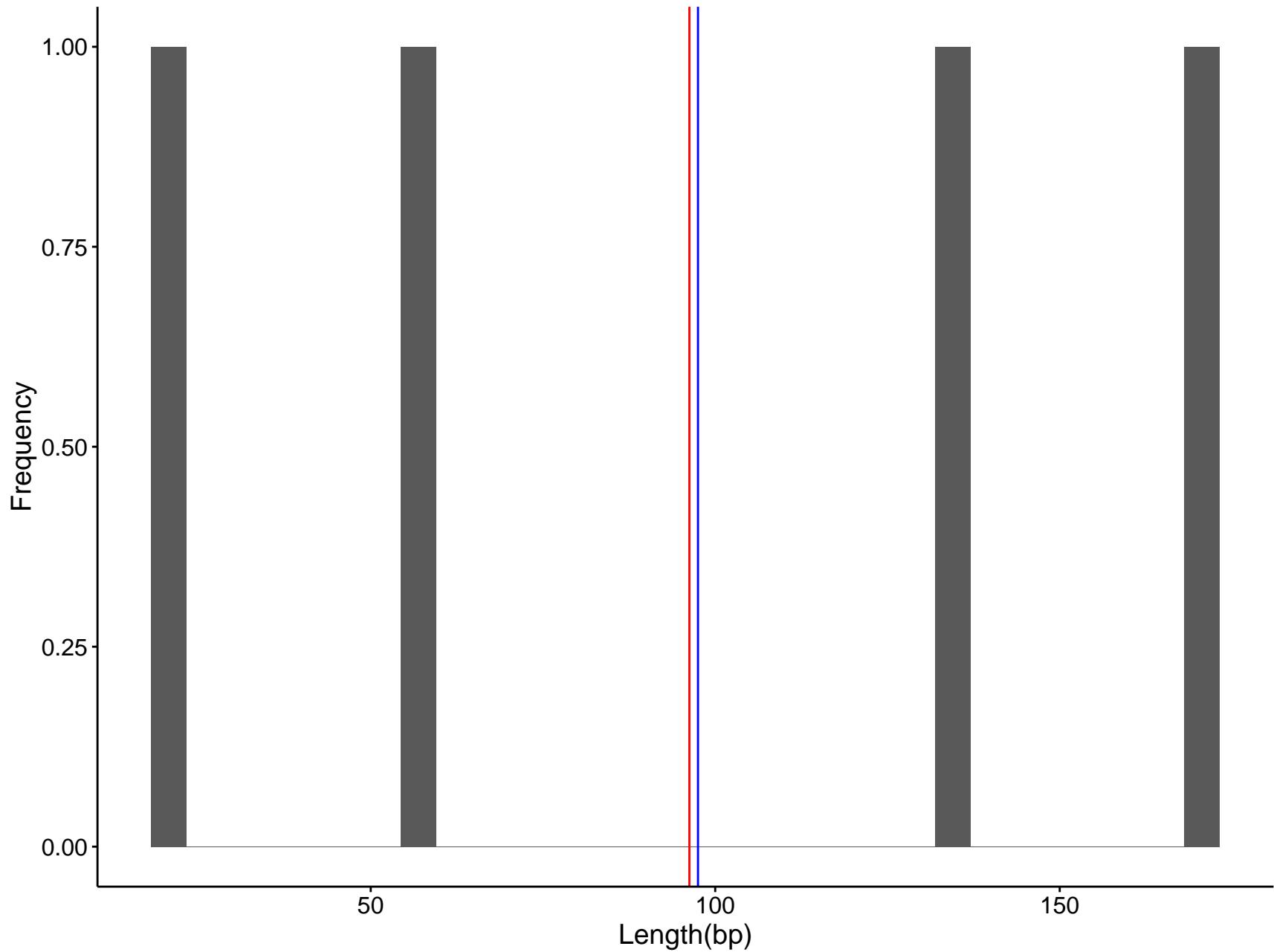
Cluster233



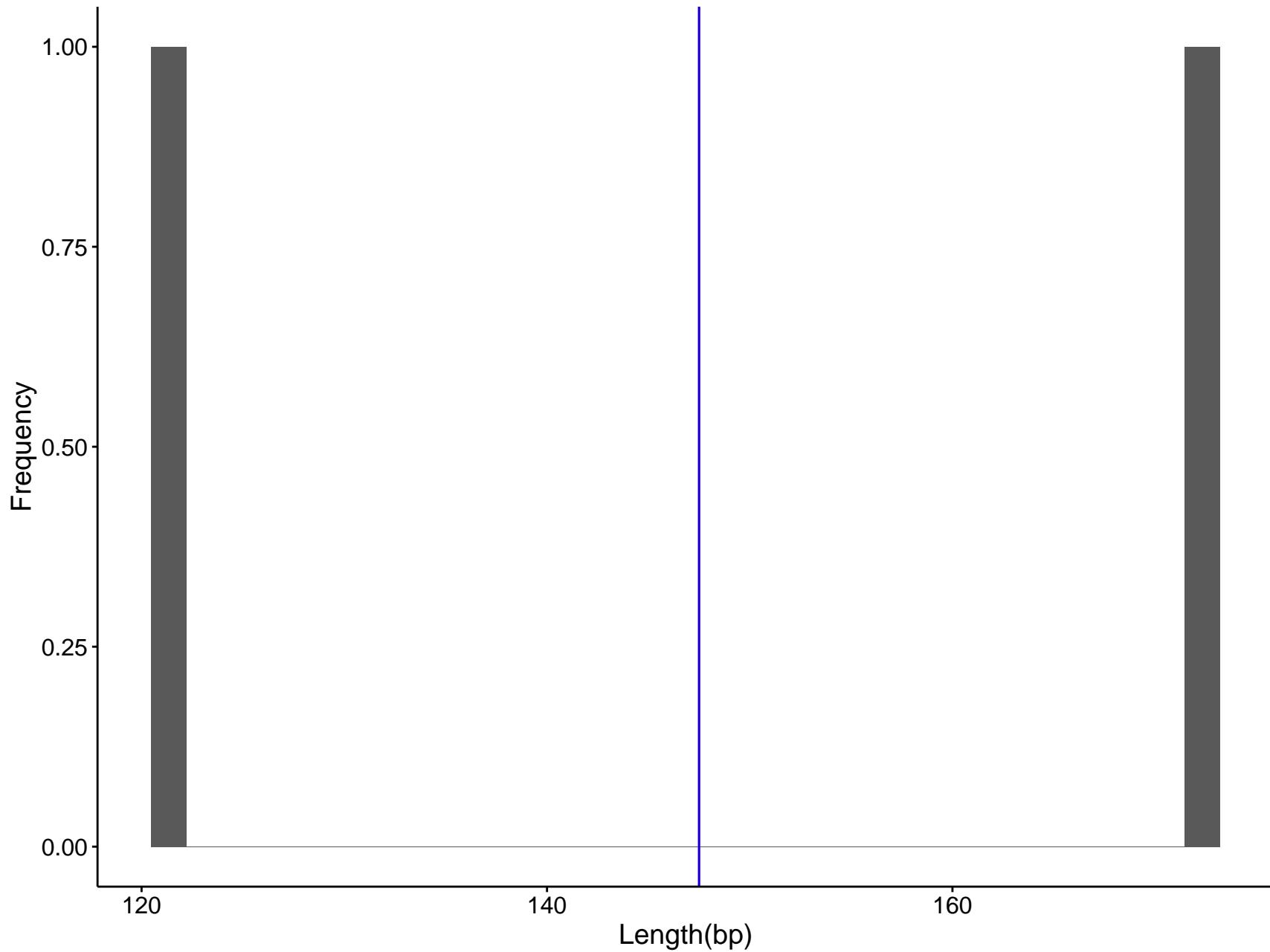
Cluster234



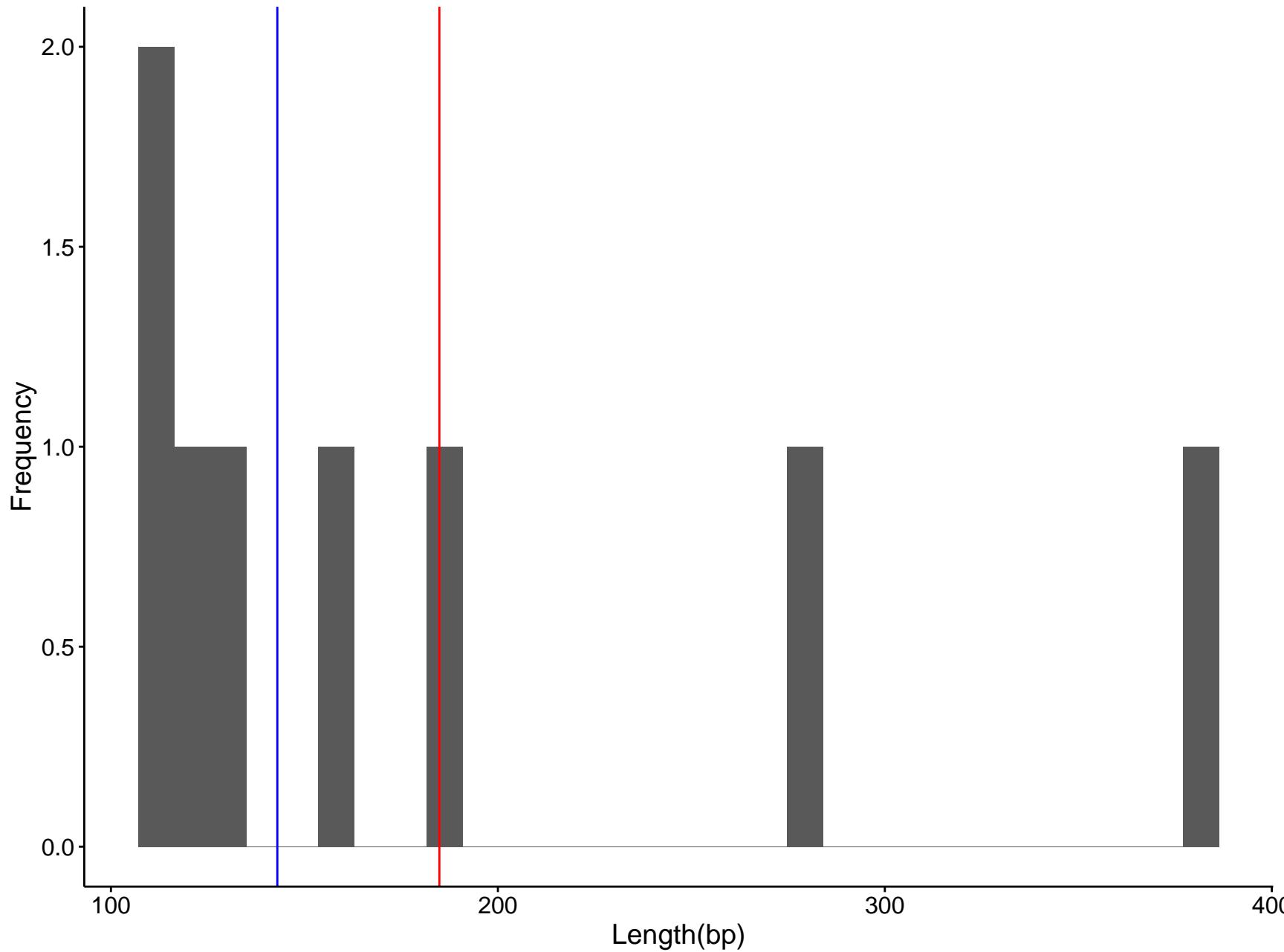
Cluster237



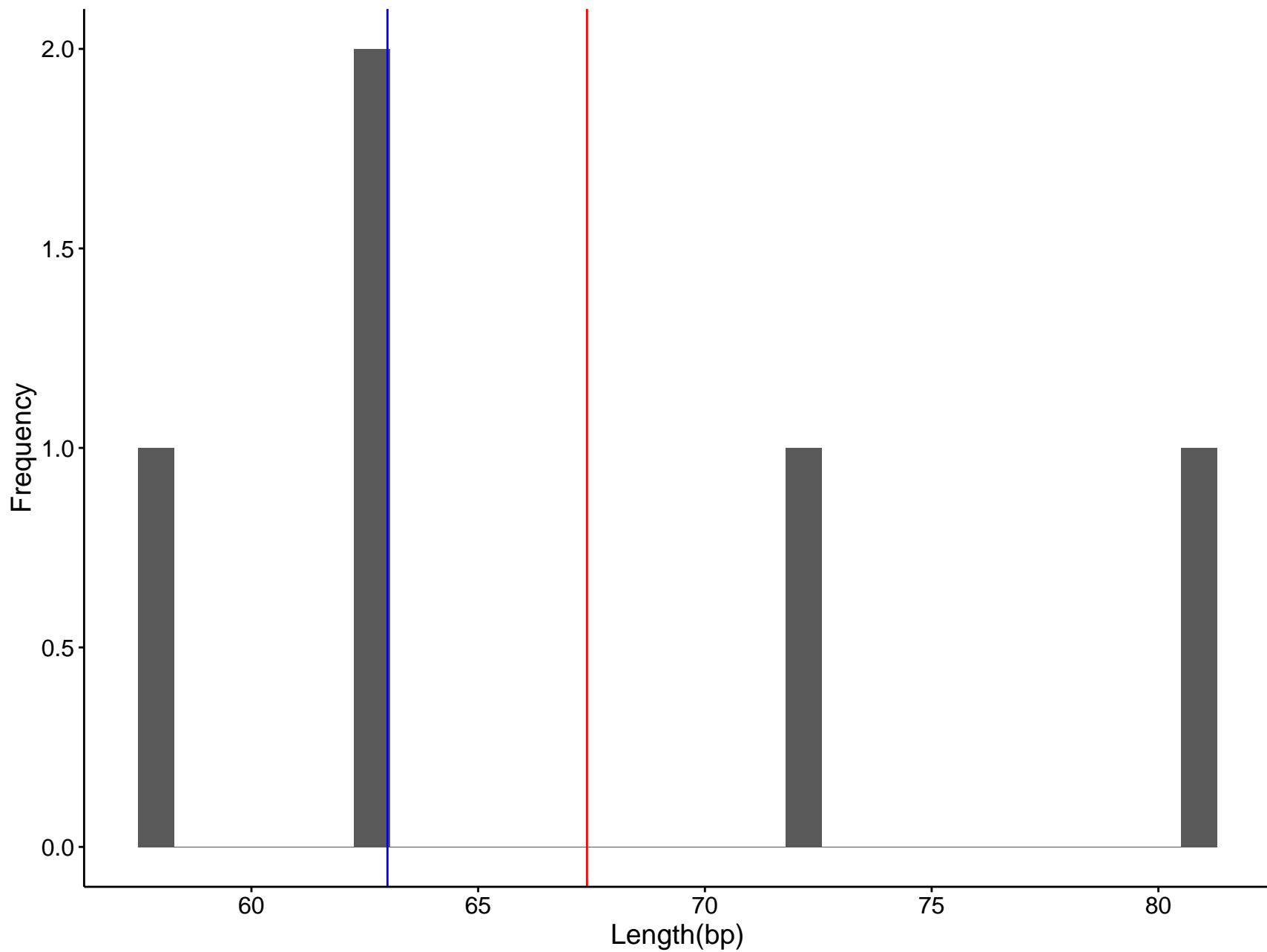
Cluster241



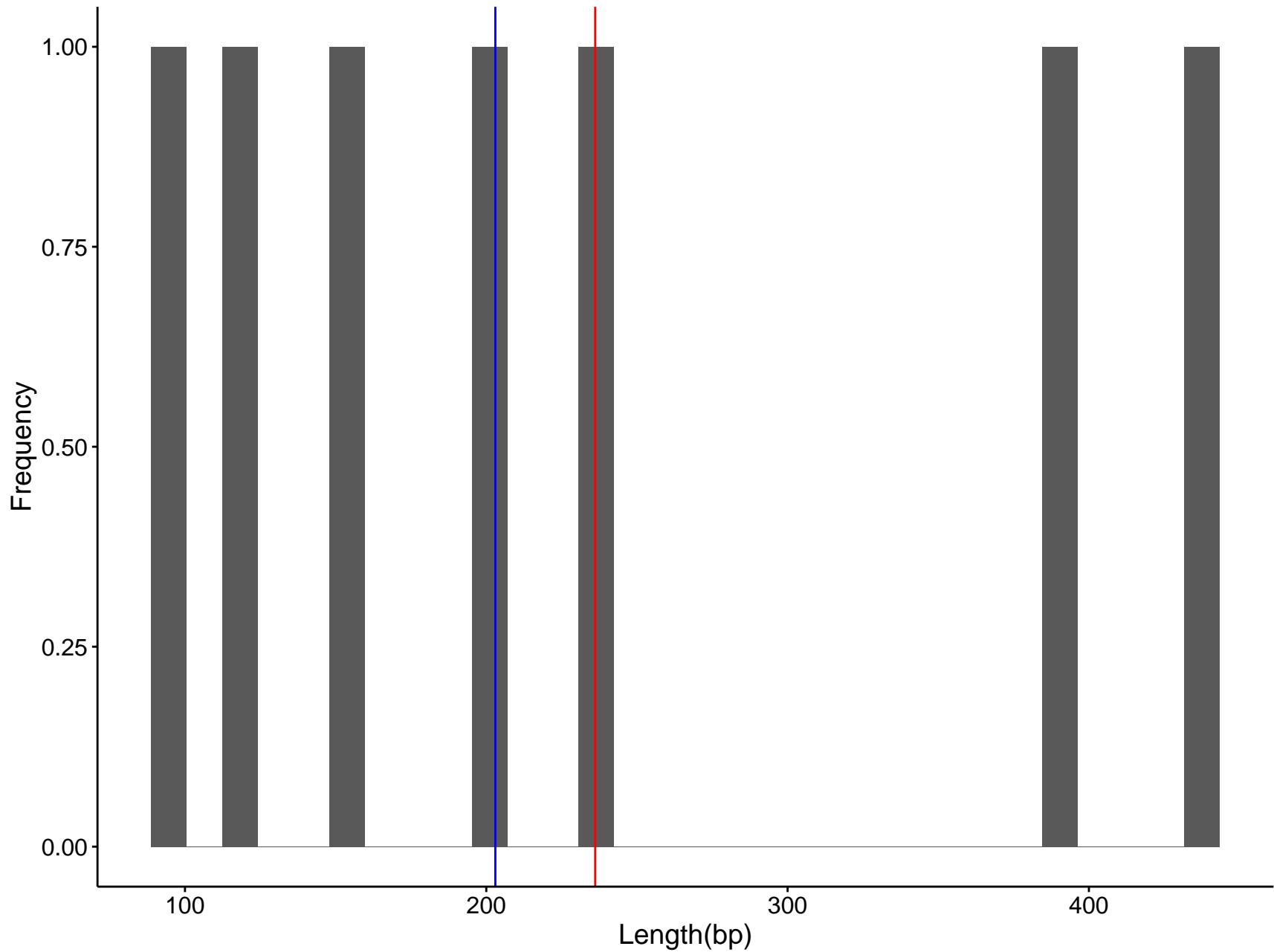
Cluster247



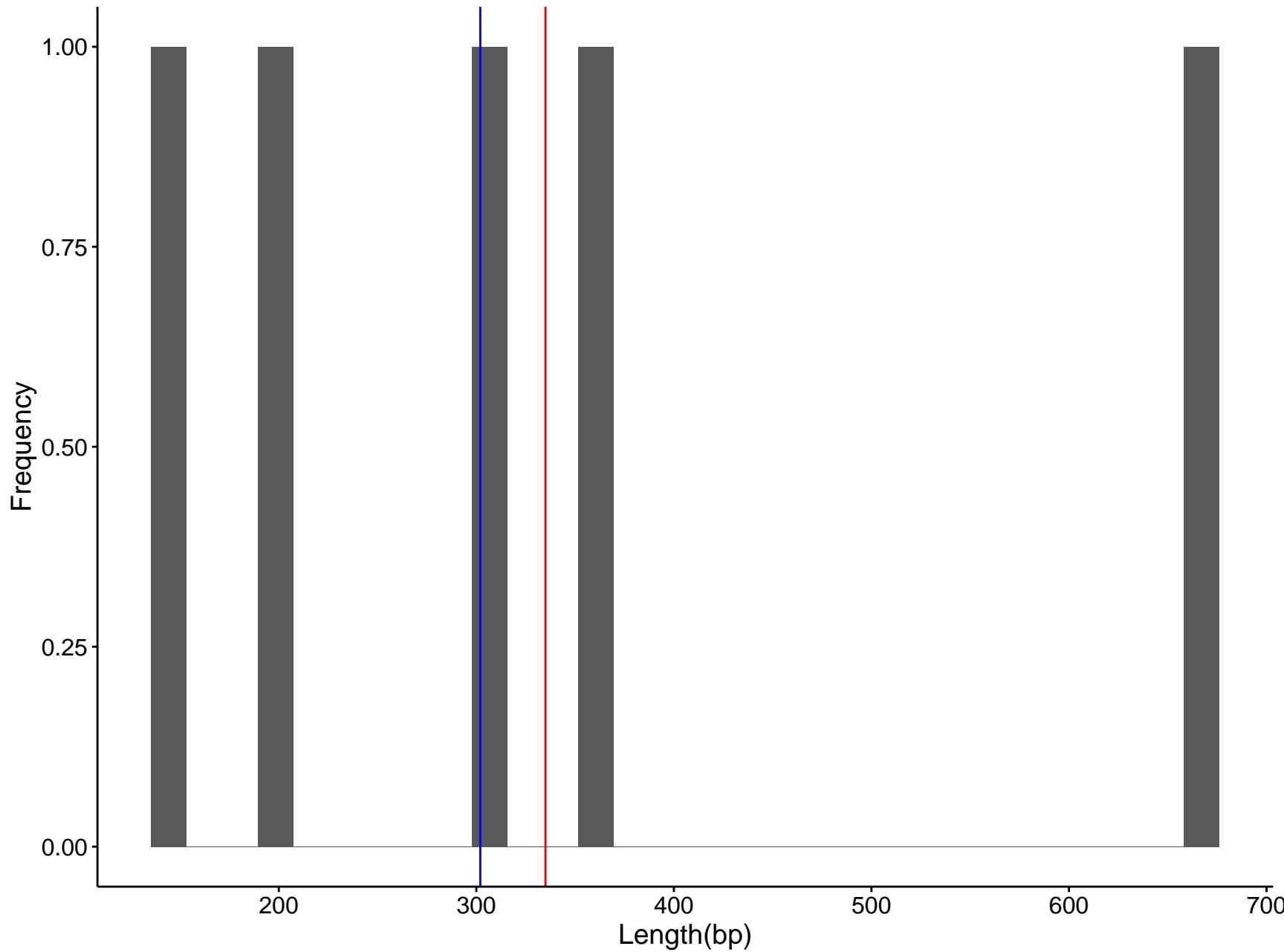
Cluster24



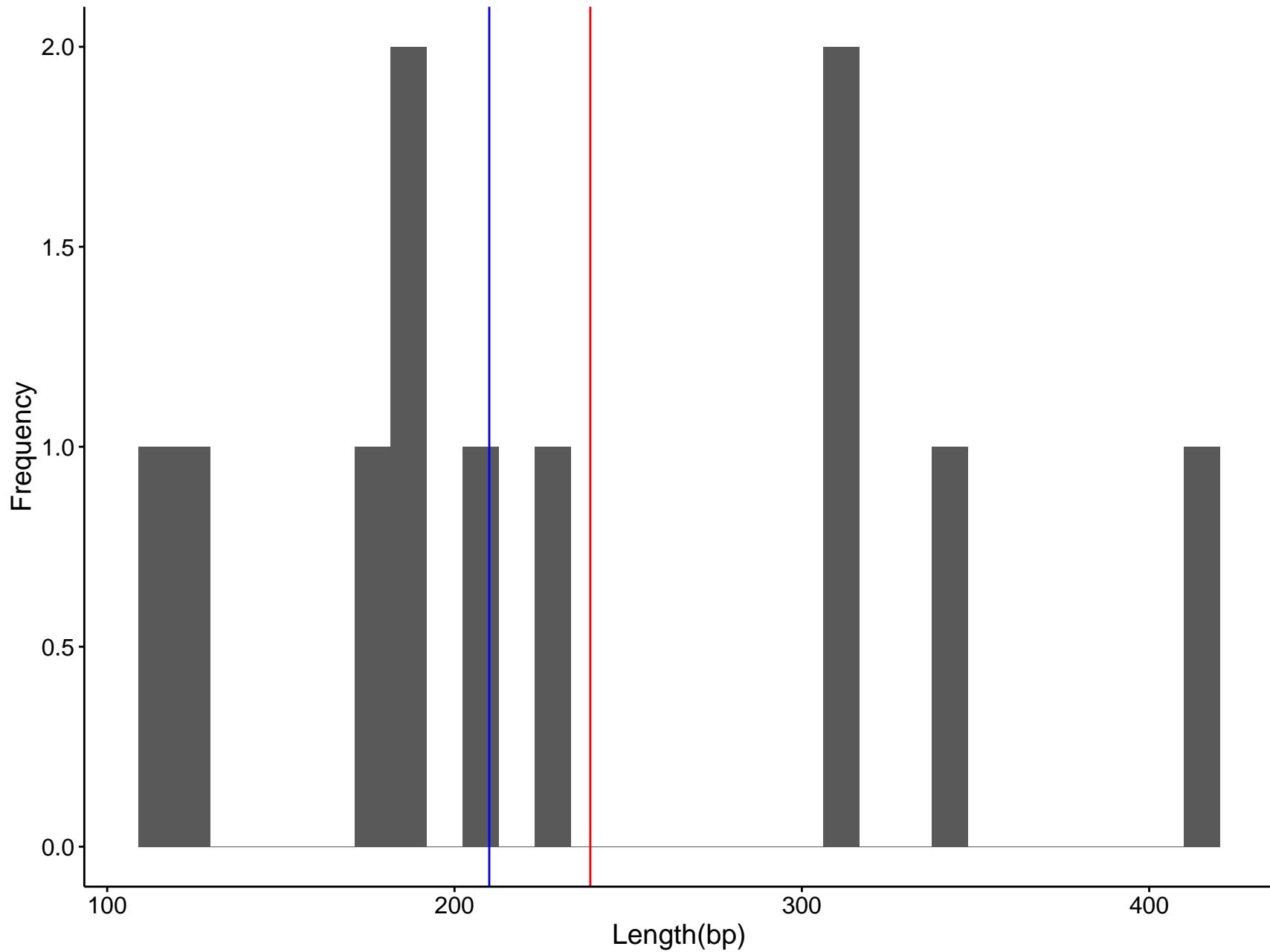
Cluster250



Cluster253



Cluster254



Cluster259

Frequency

57.950

57.975

58.000

58.025

Length(bp)



Cluster25

Frequency

56.950

56.975

57.000

57.025

Length(bp)



Cluster262

Frequency

34.950

34.975

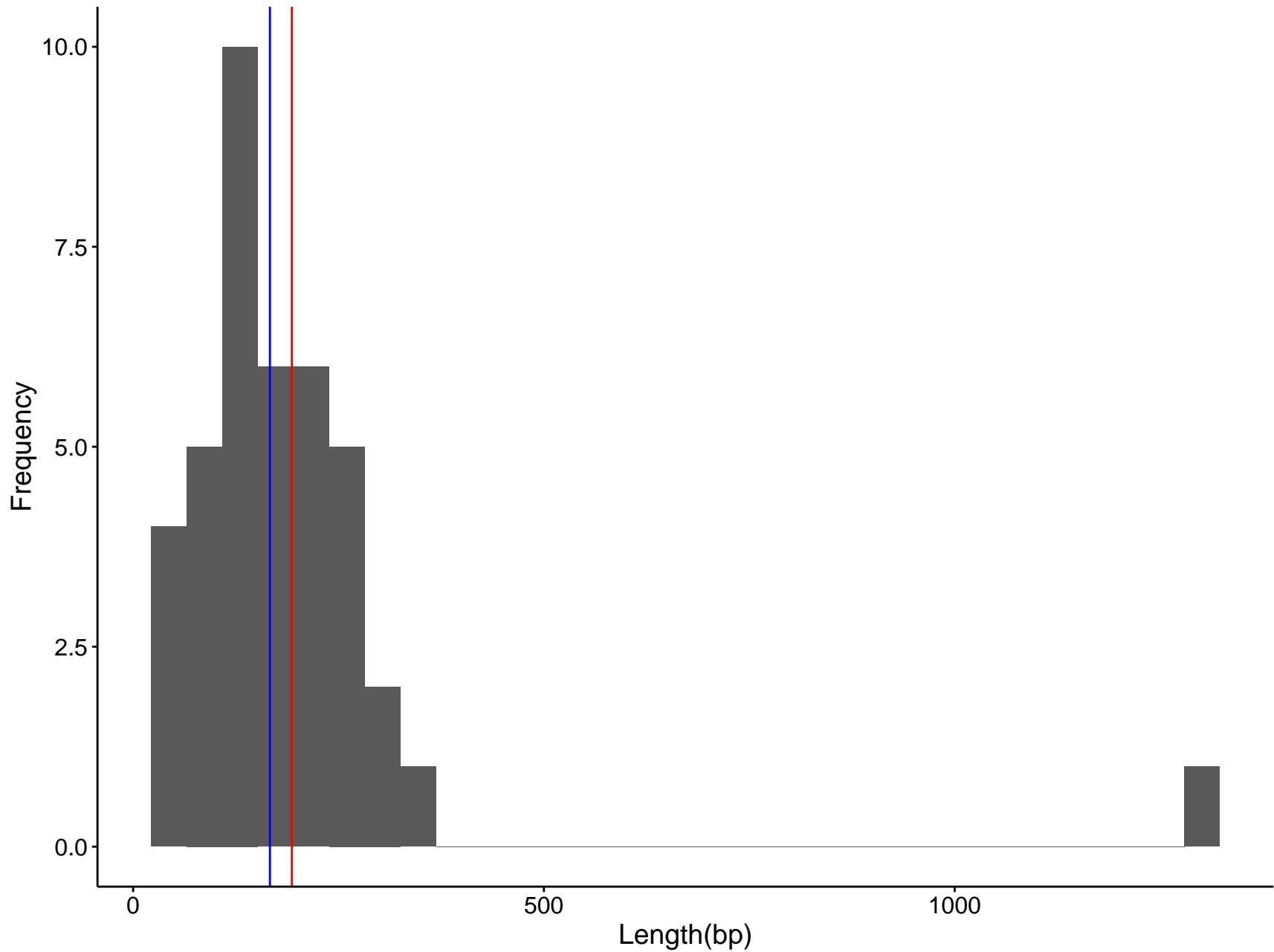
35.000

35.025

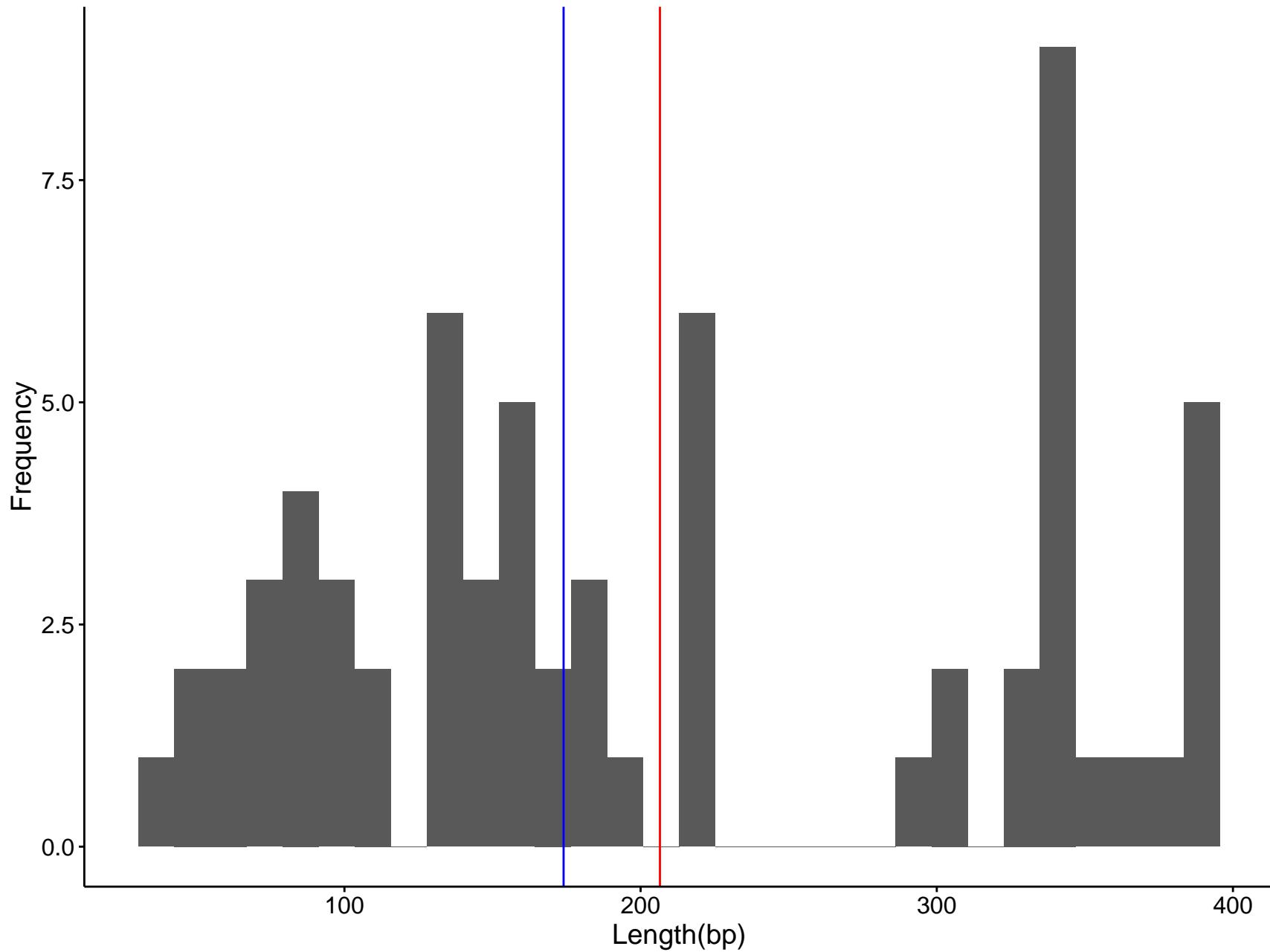
Length(bp)



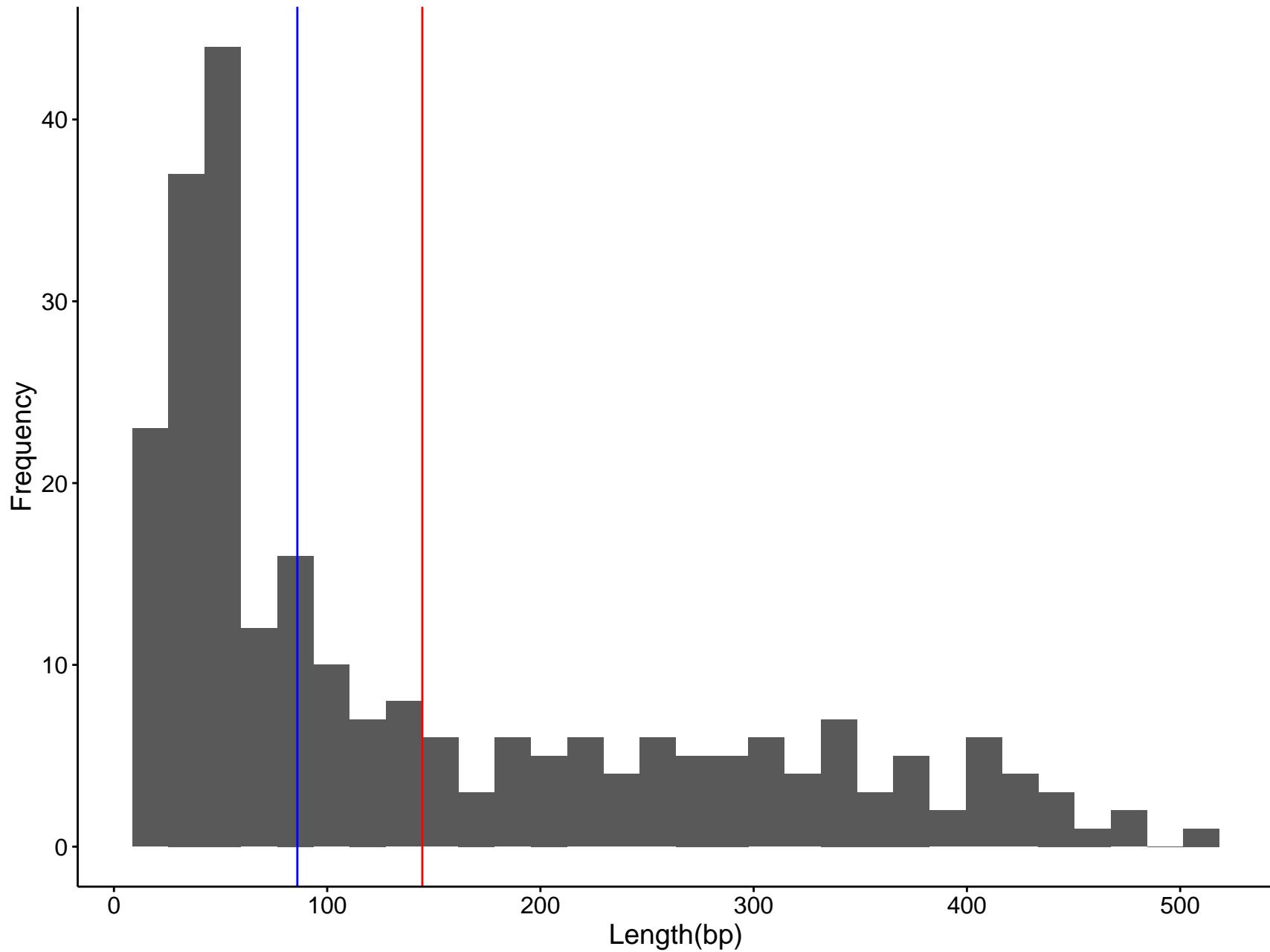
Cluster263



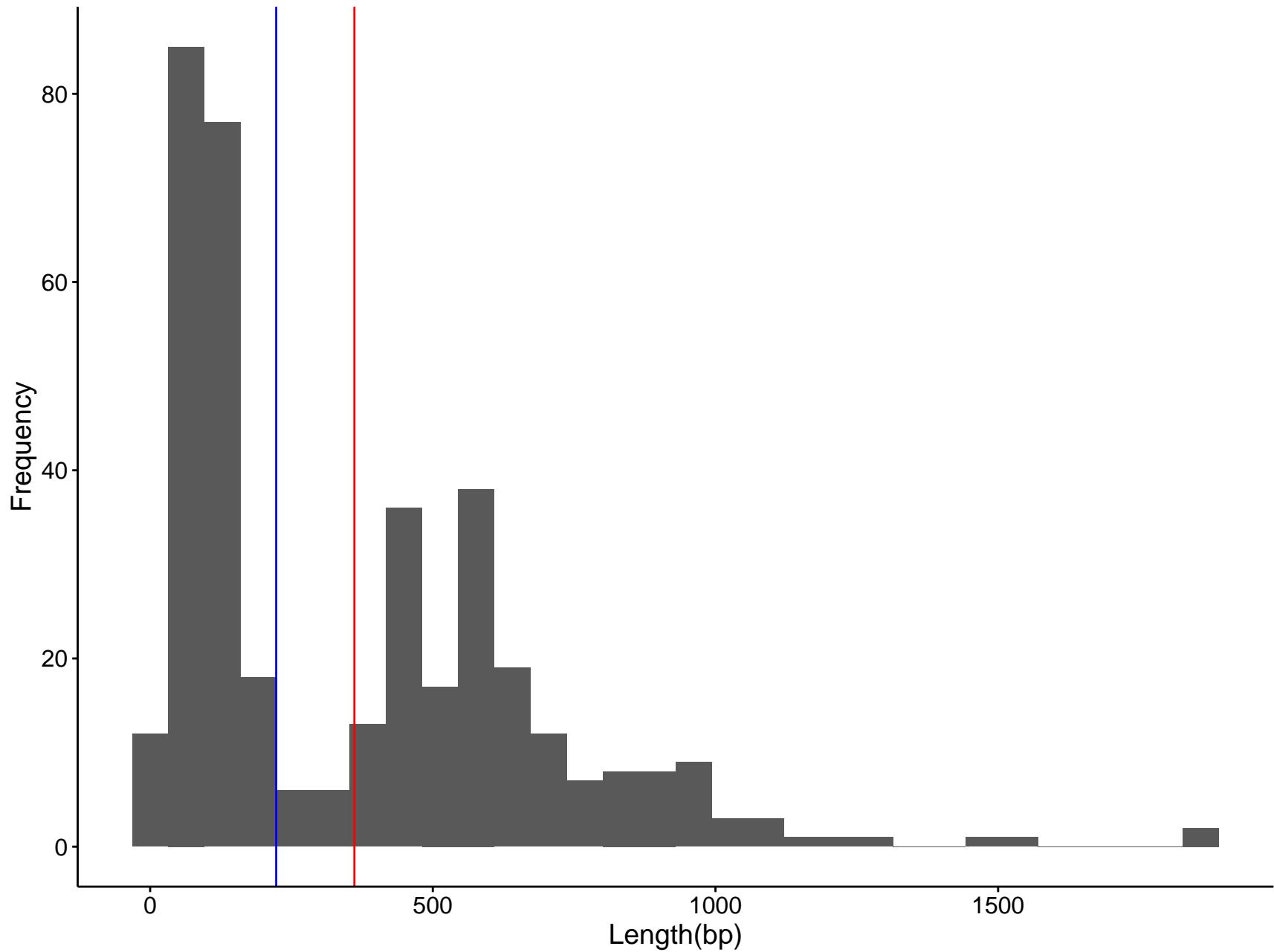
Cluster264



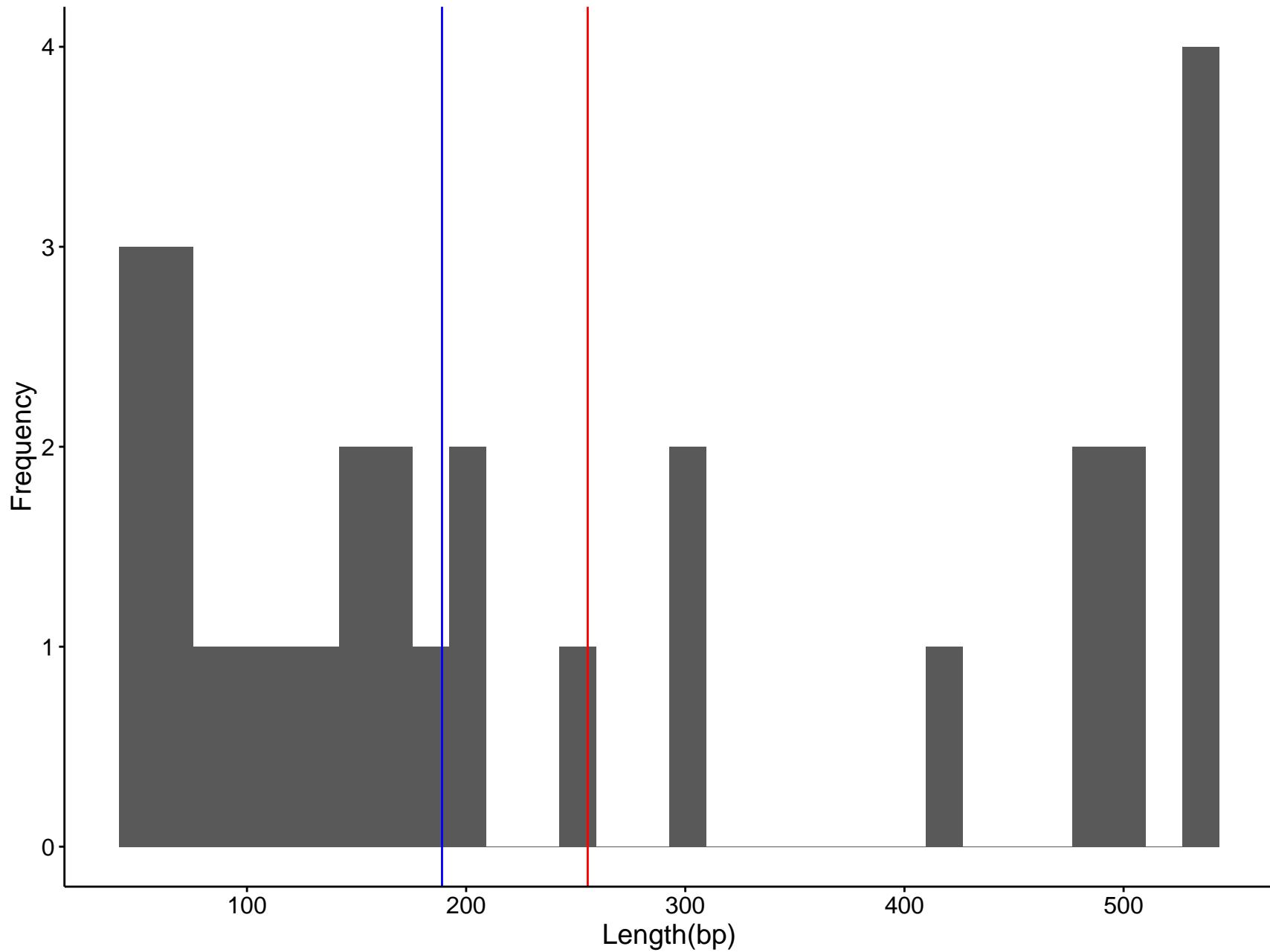
Cluster265



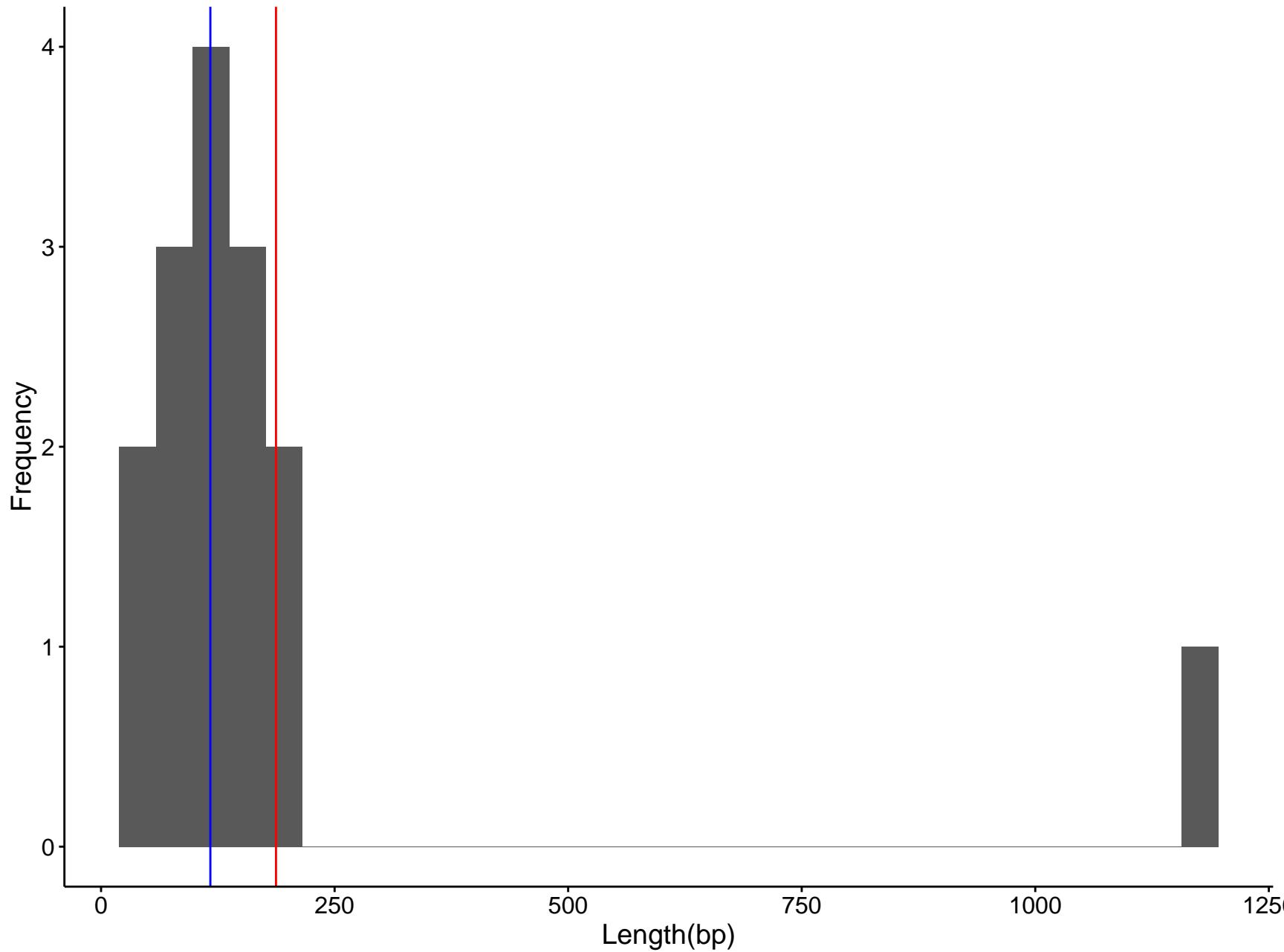
Cluster266



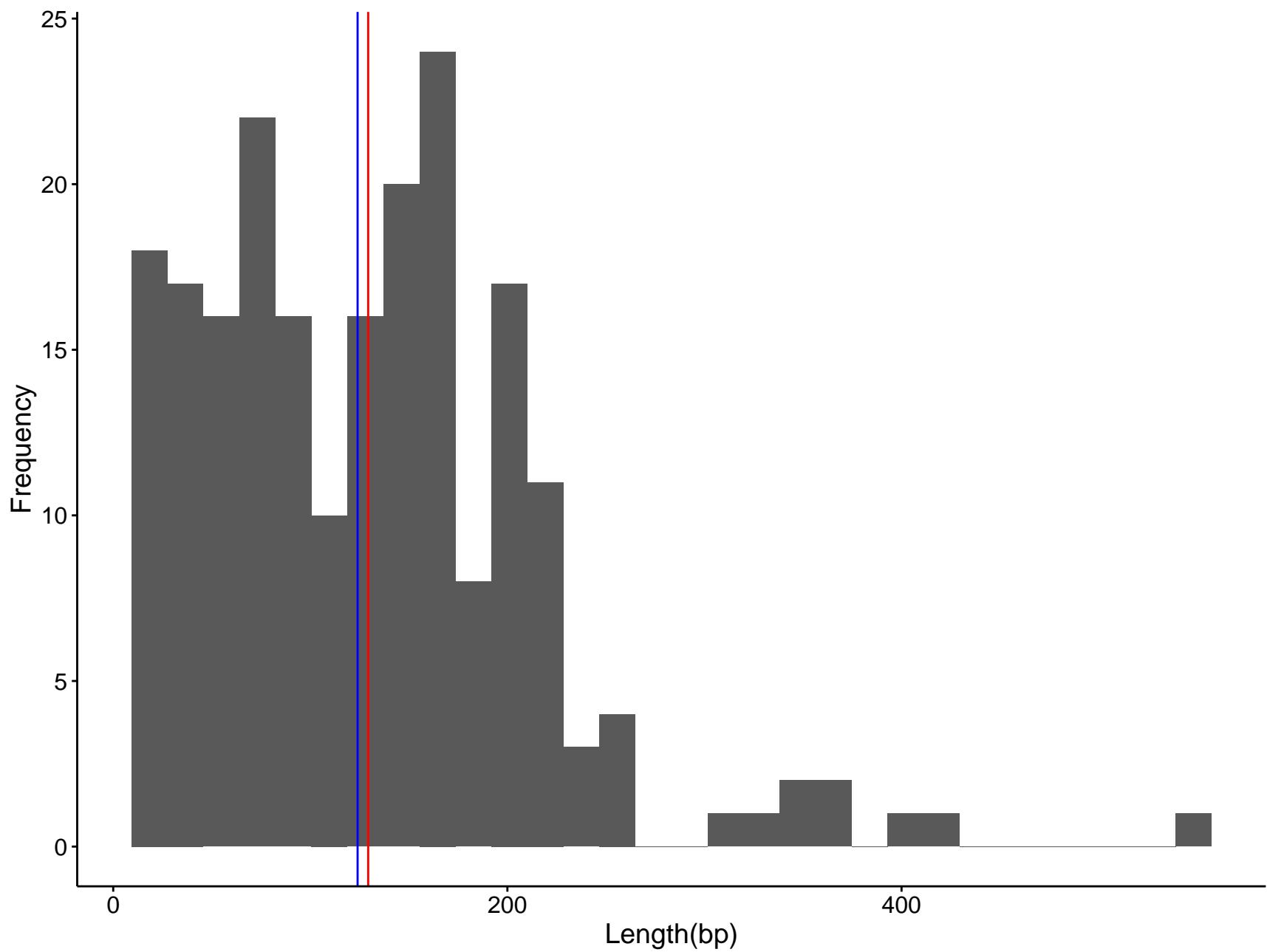
Cluster267



Cluster268



Cluster269



Cluster26

Frequency

122.950

122.975

123.000

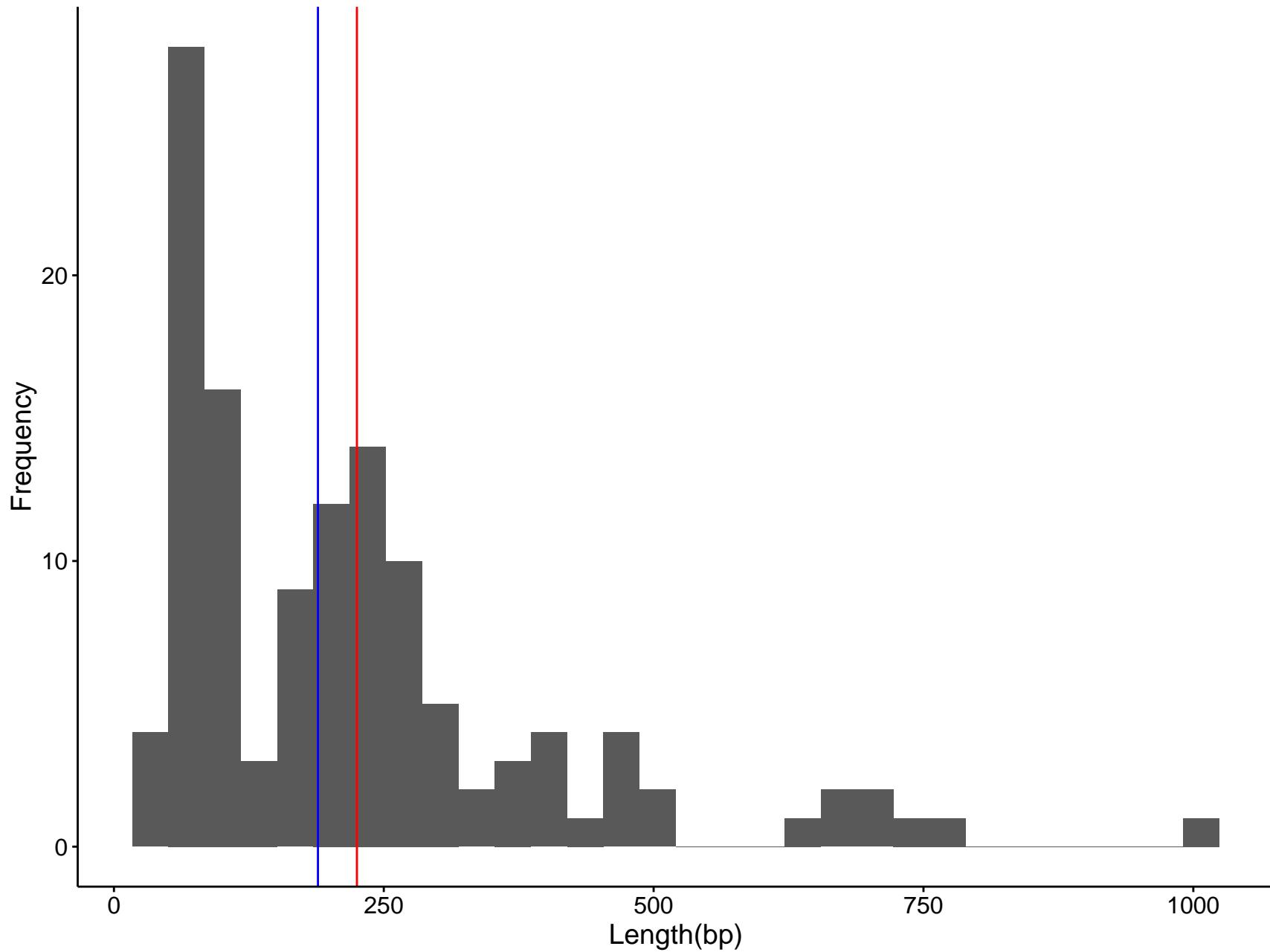
123.025

123.050

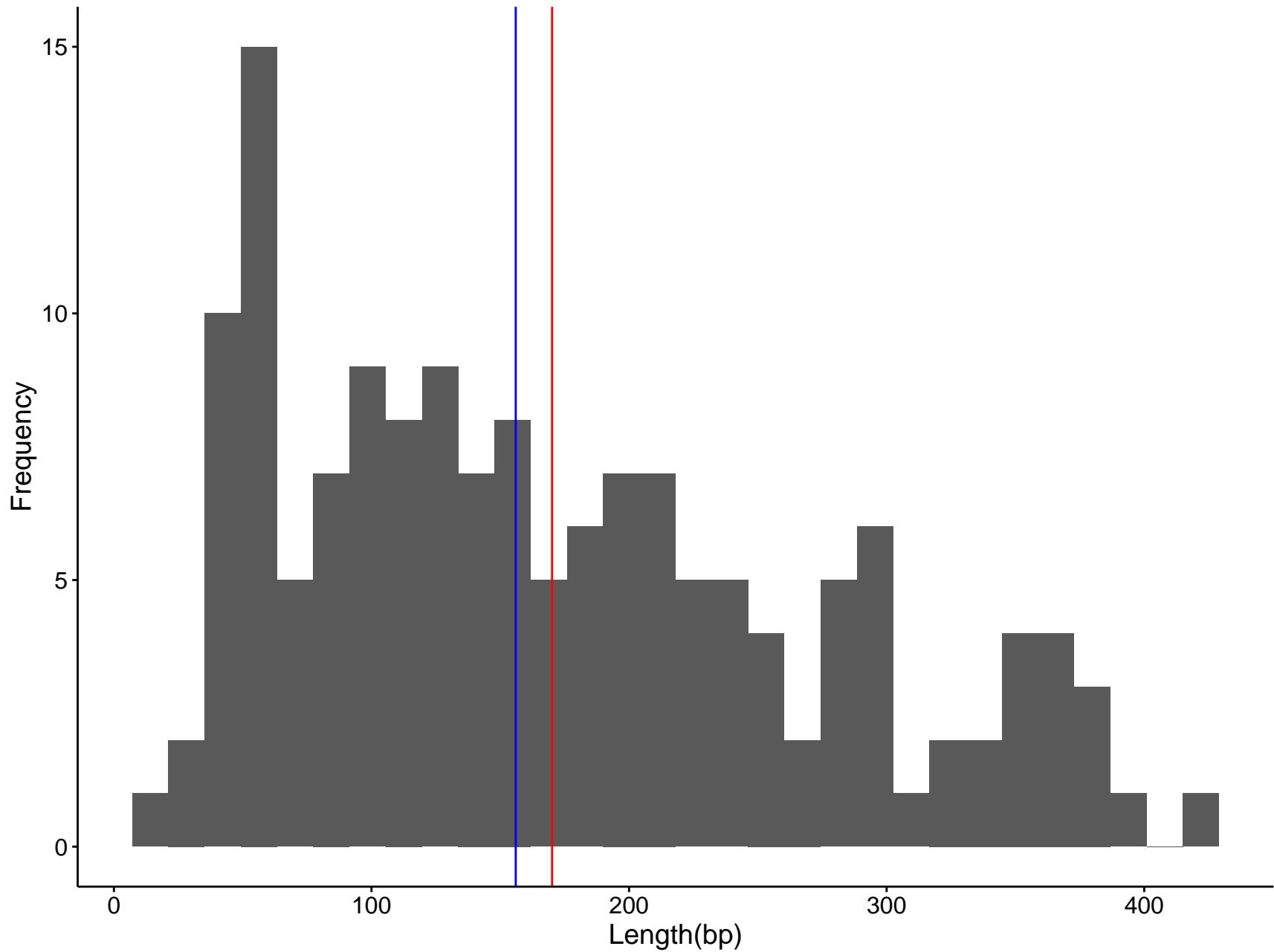
Length(bp)



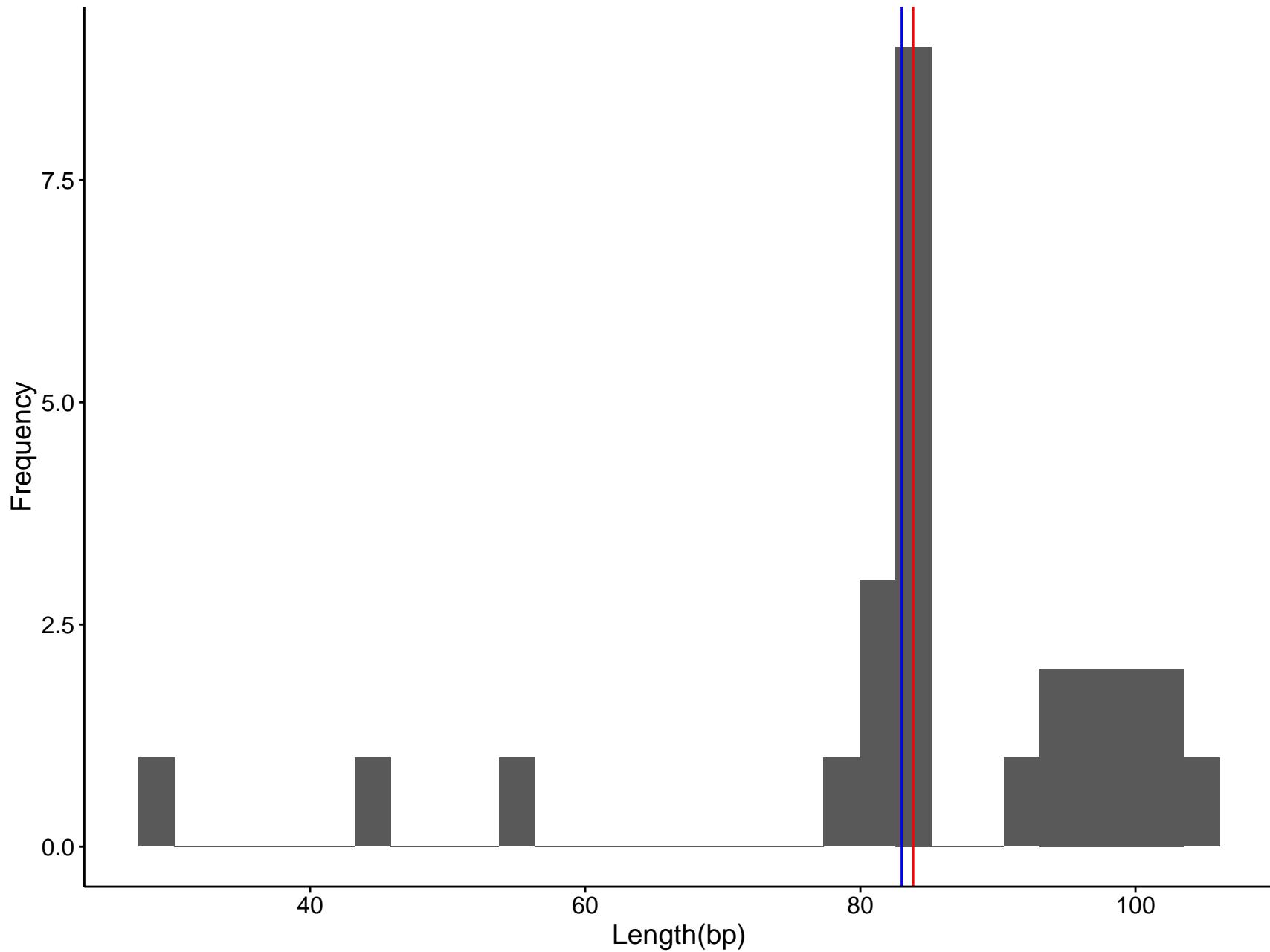
Cluster270



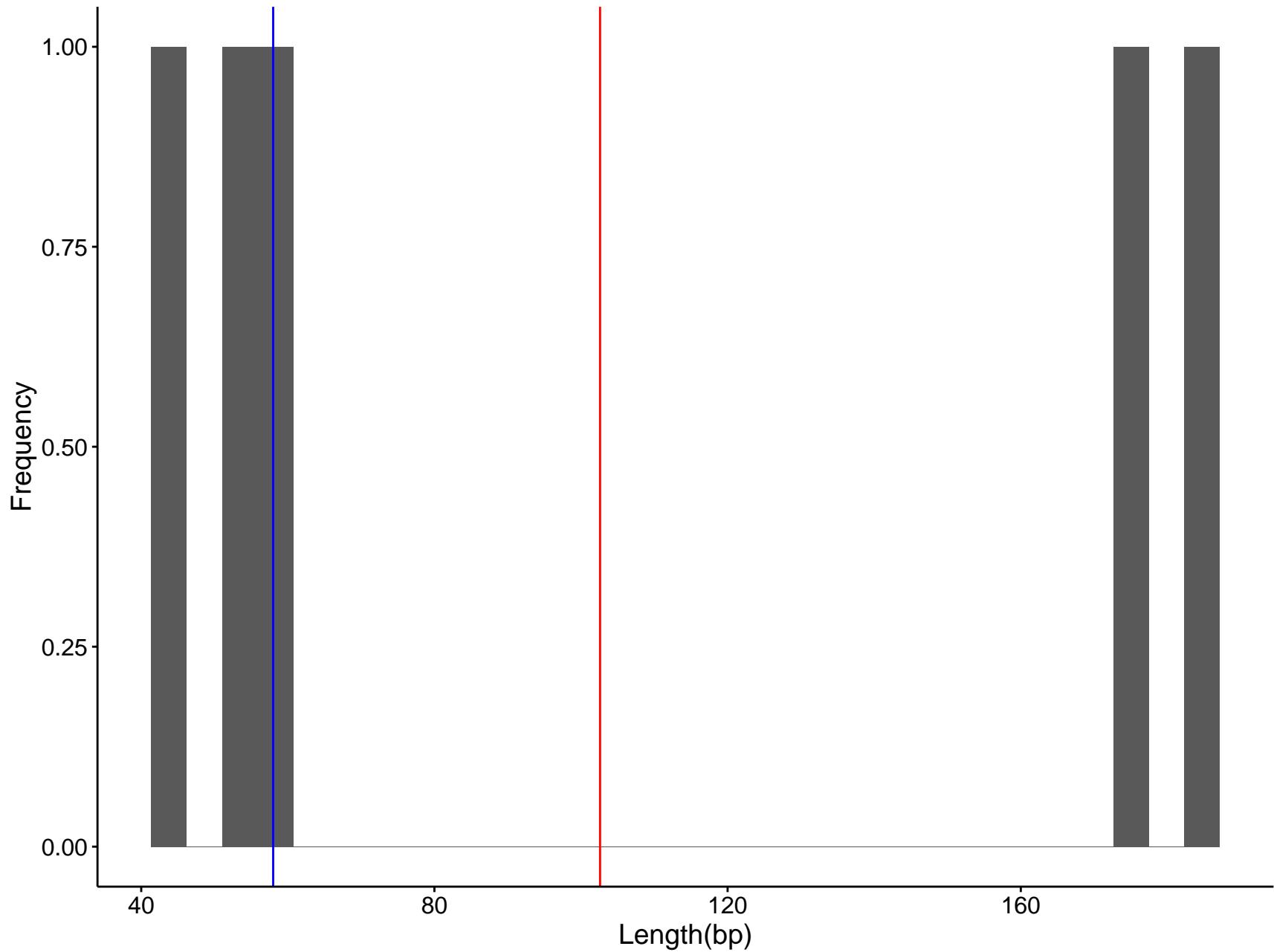
Cluster271



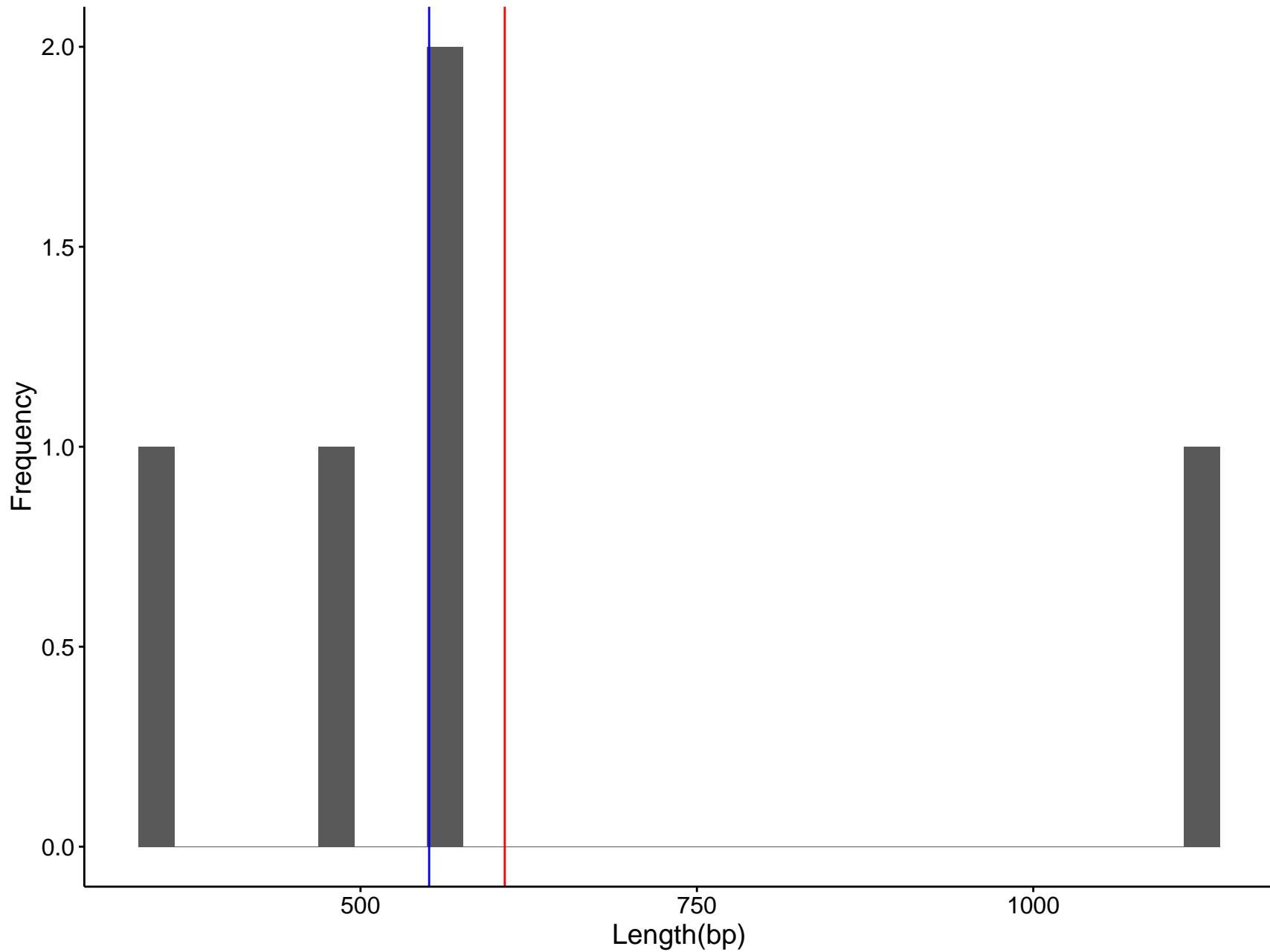
Cluster272



Cluster275



Cluster276



Cluster277

Frequency

74.950

74.975

75.000

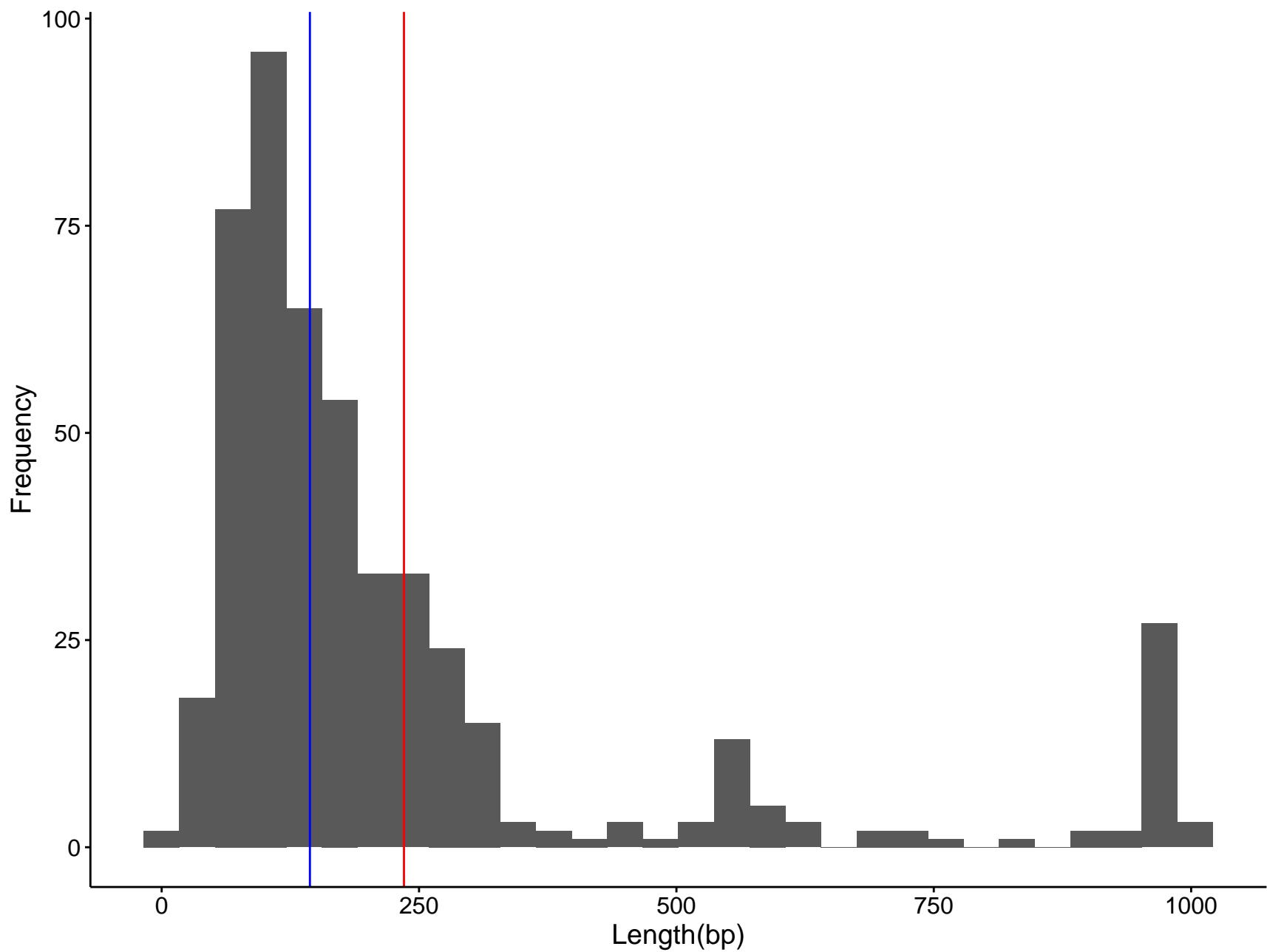
75.025

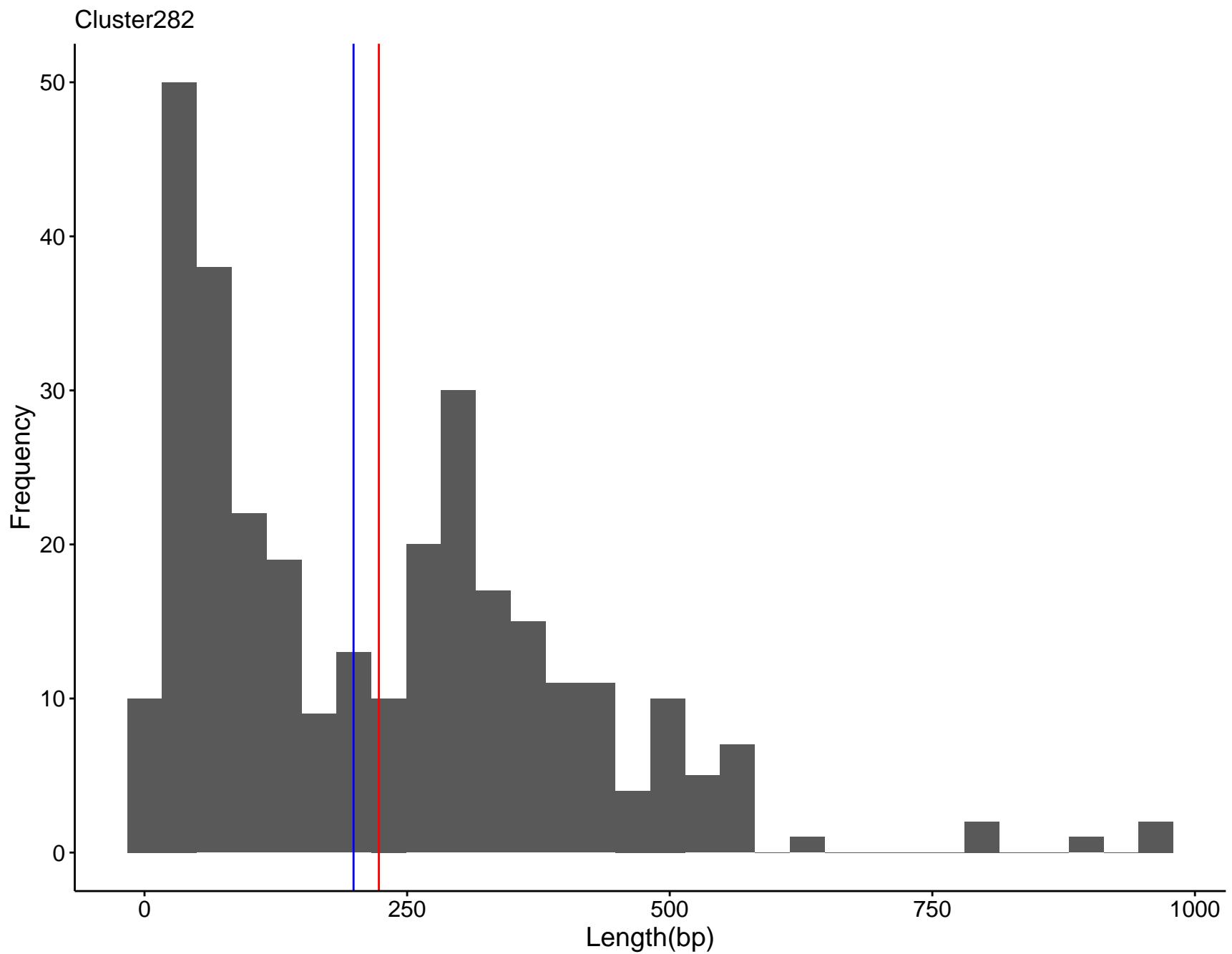
75.0

Length(bp)

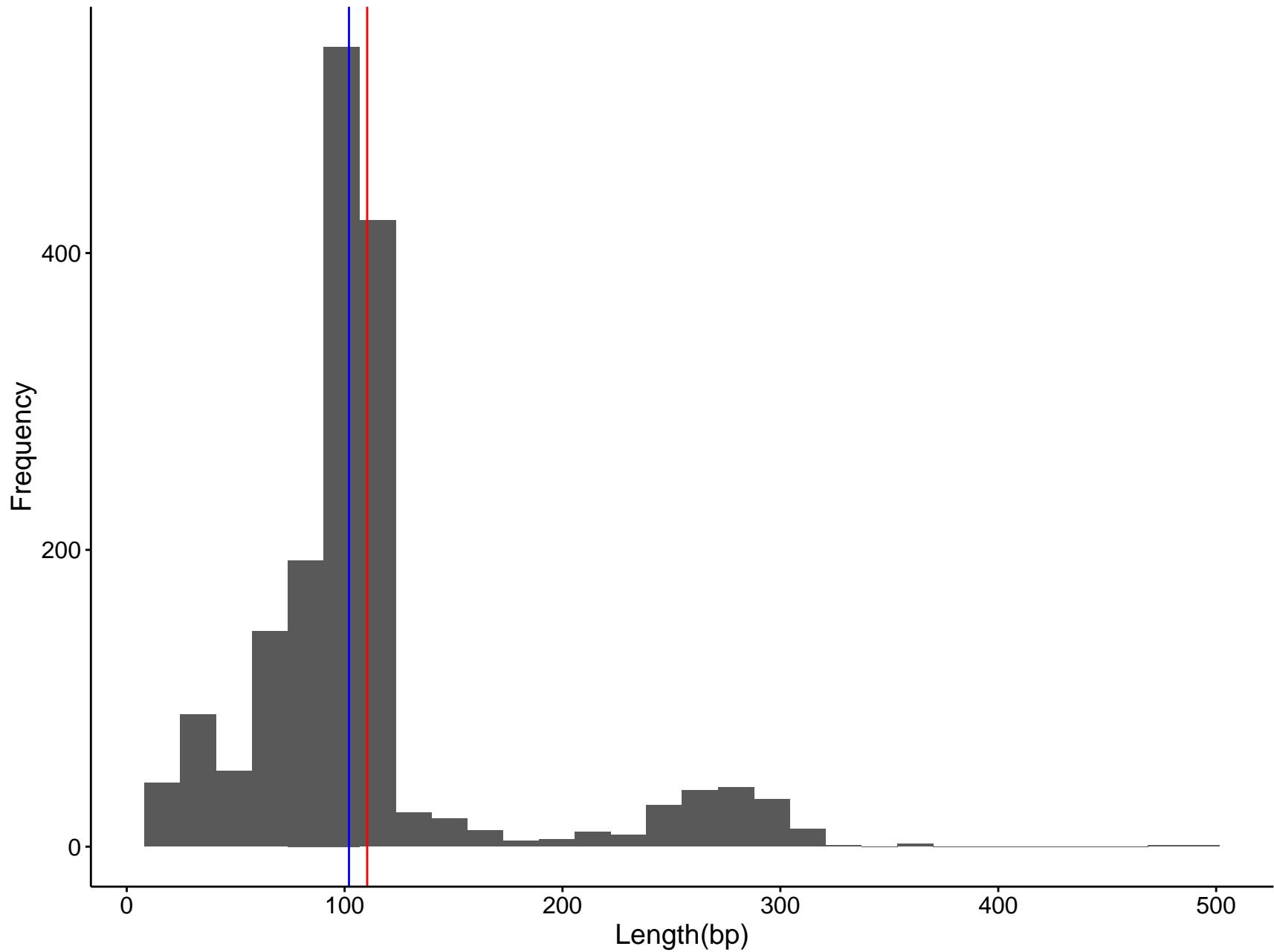


Cluster281

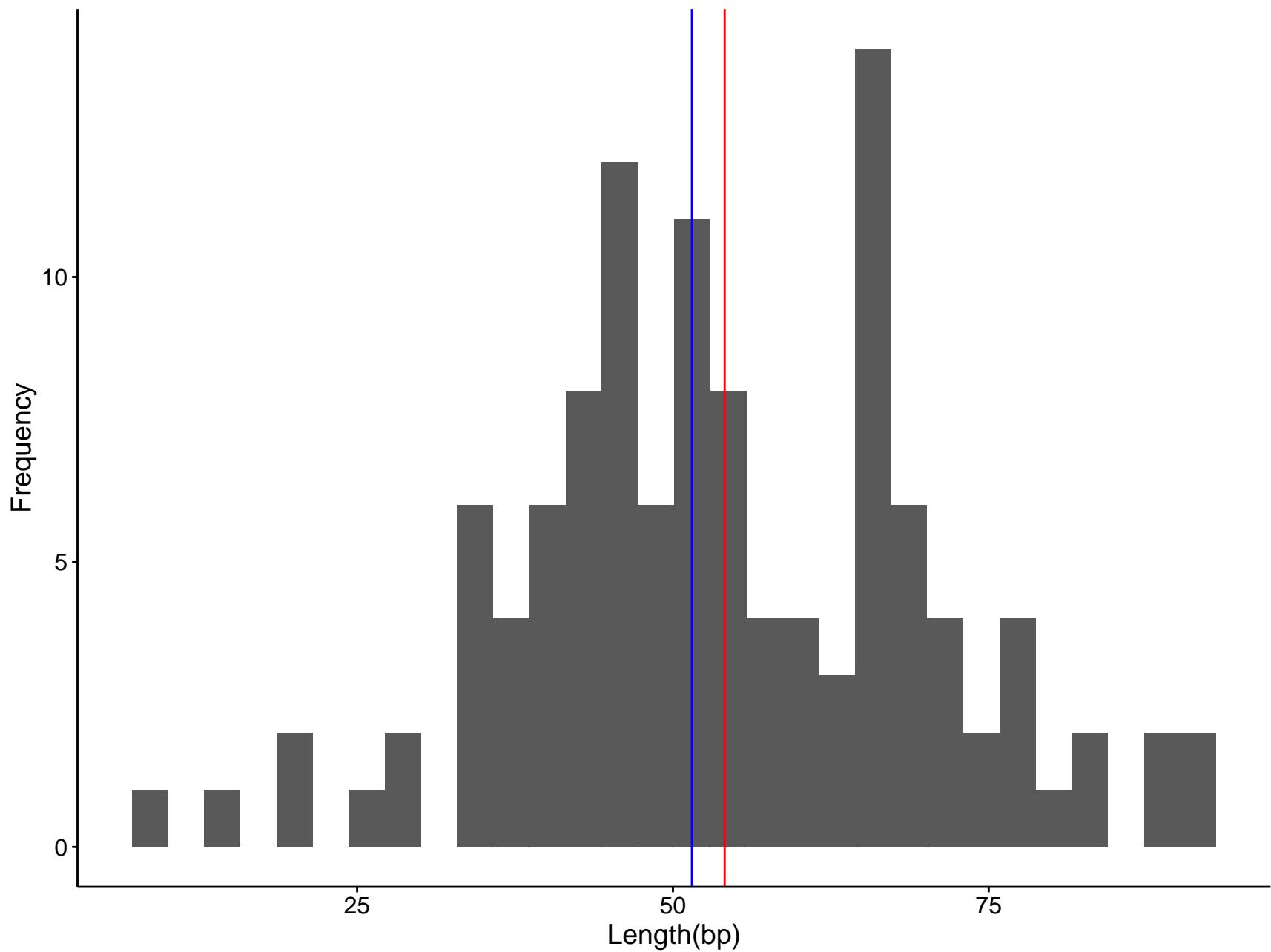




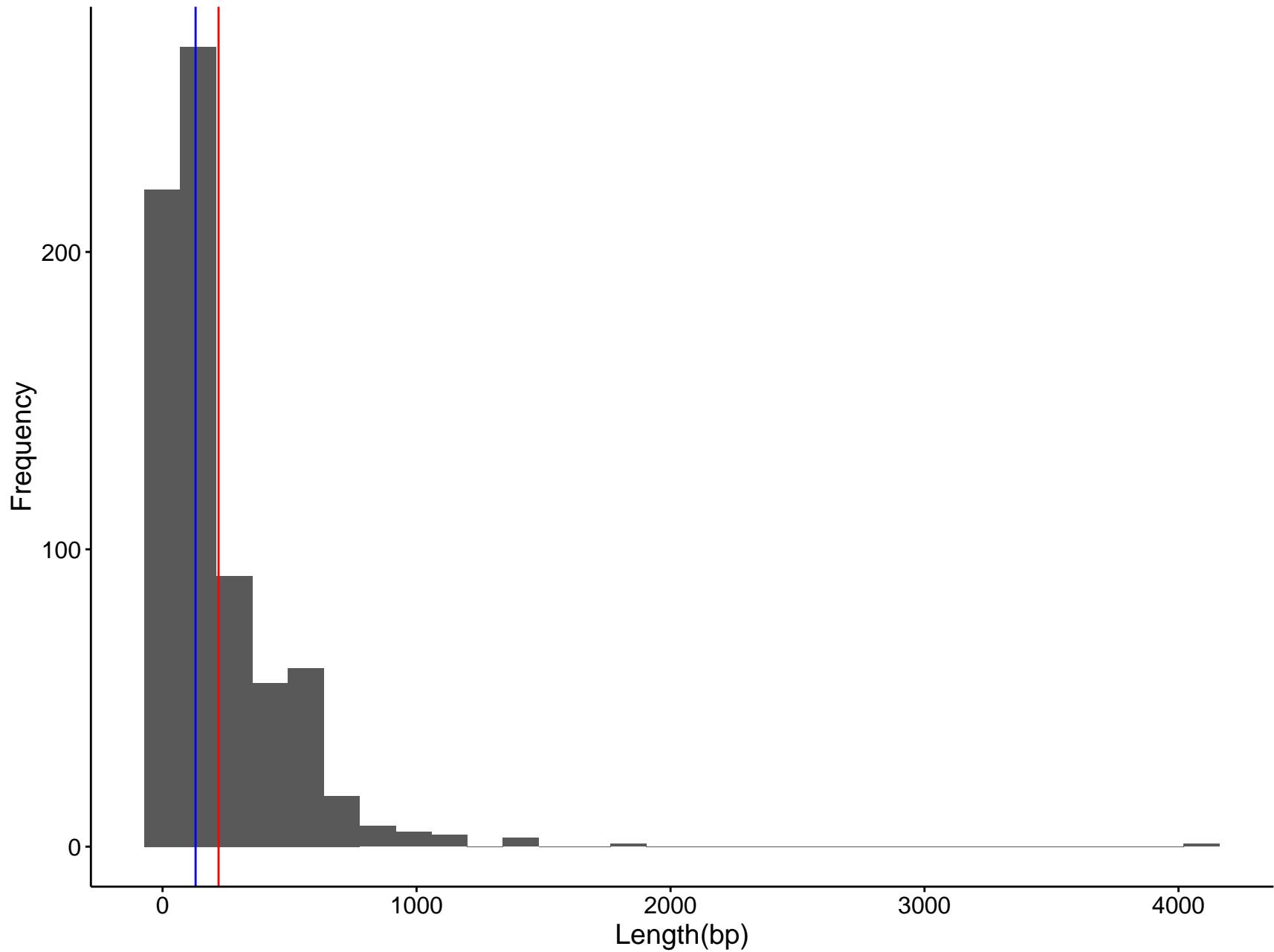
Cluster283



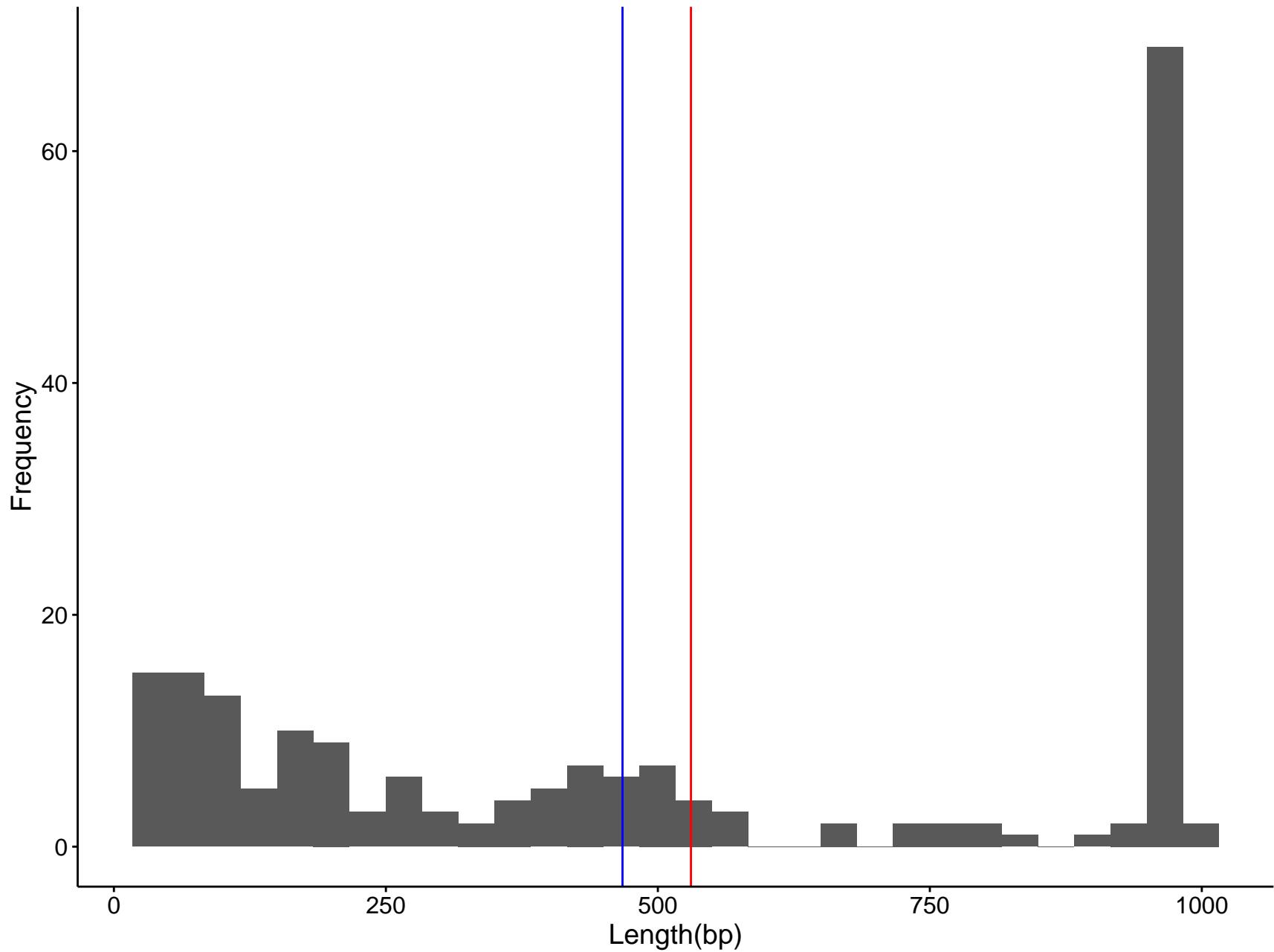
Cluster284



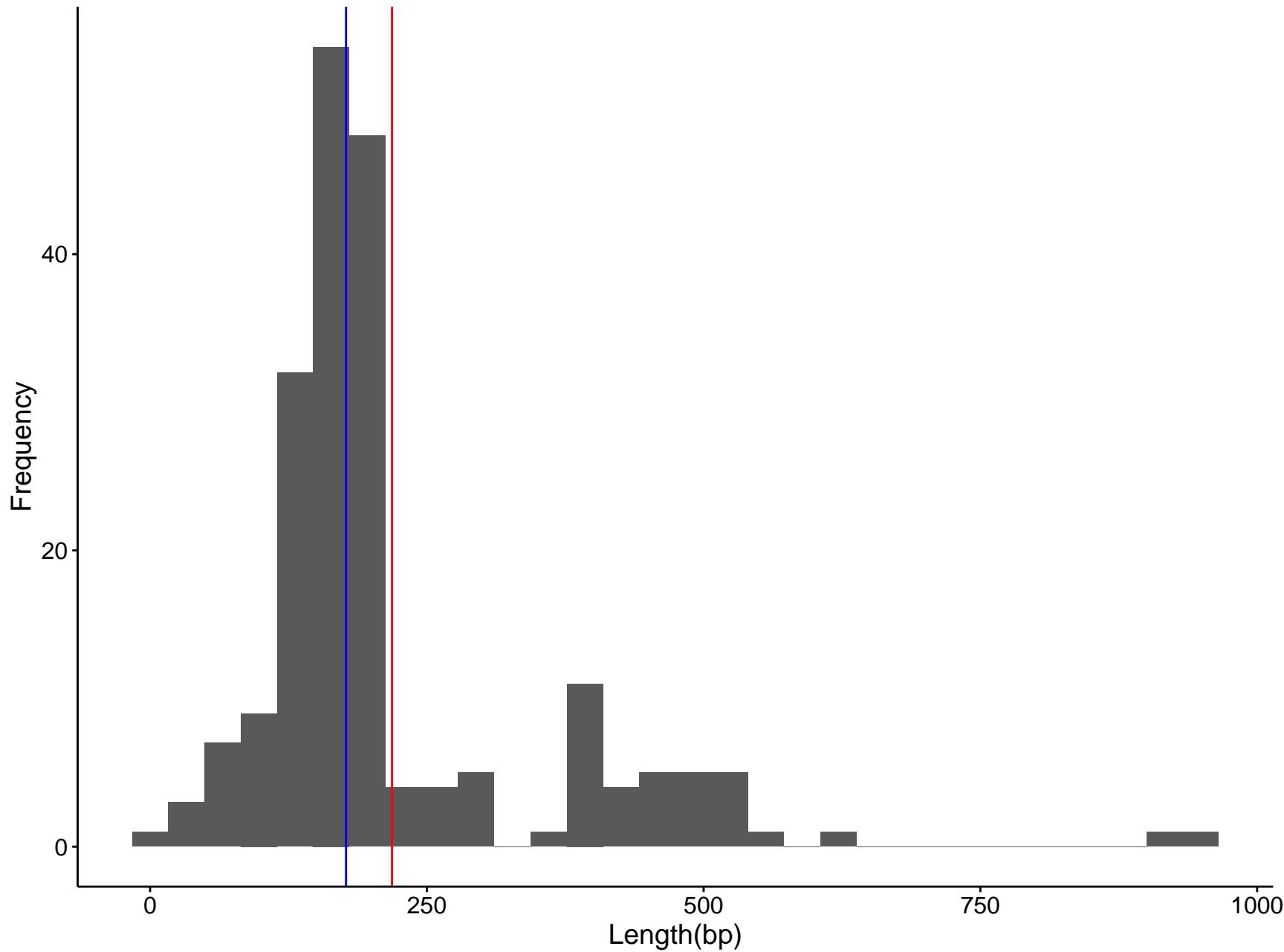
Cluster285



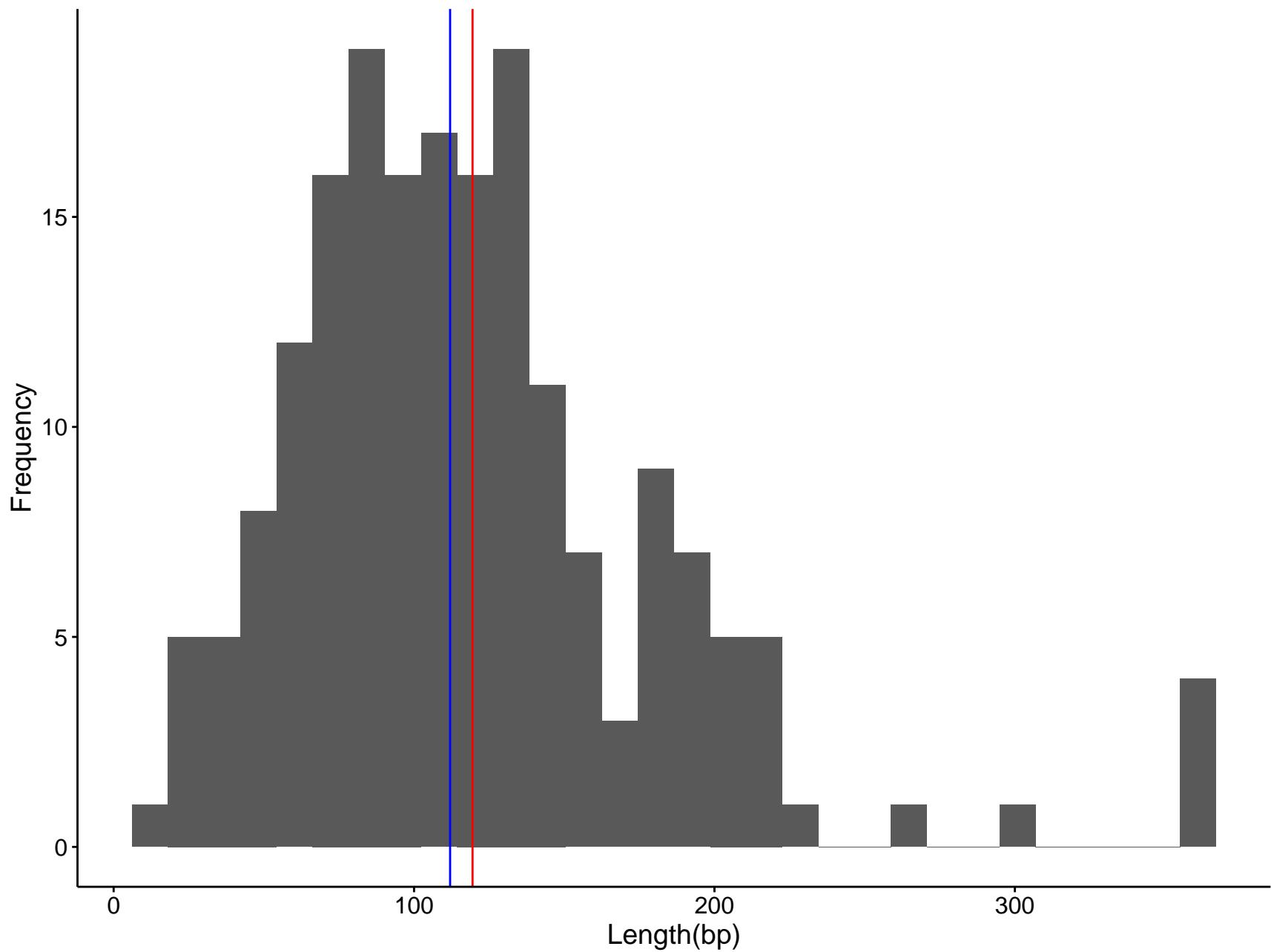
Cluster286



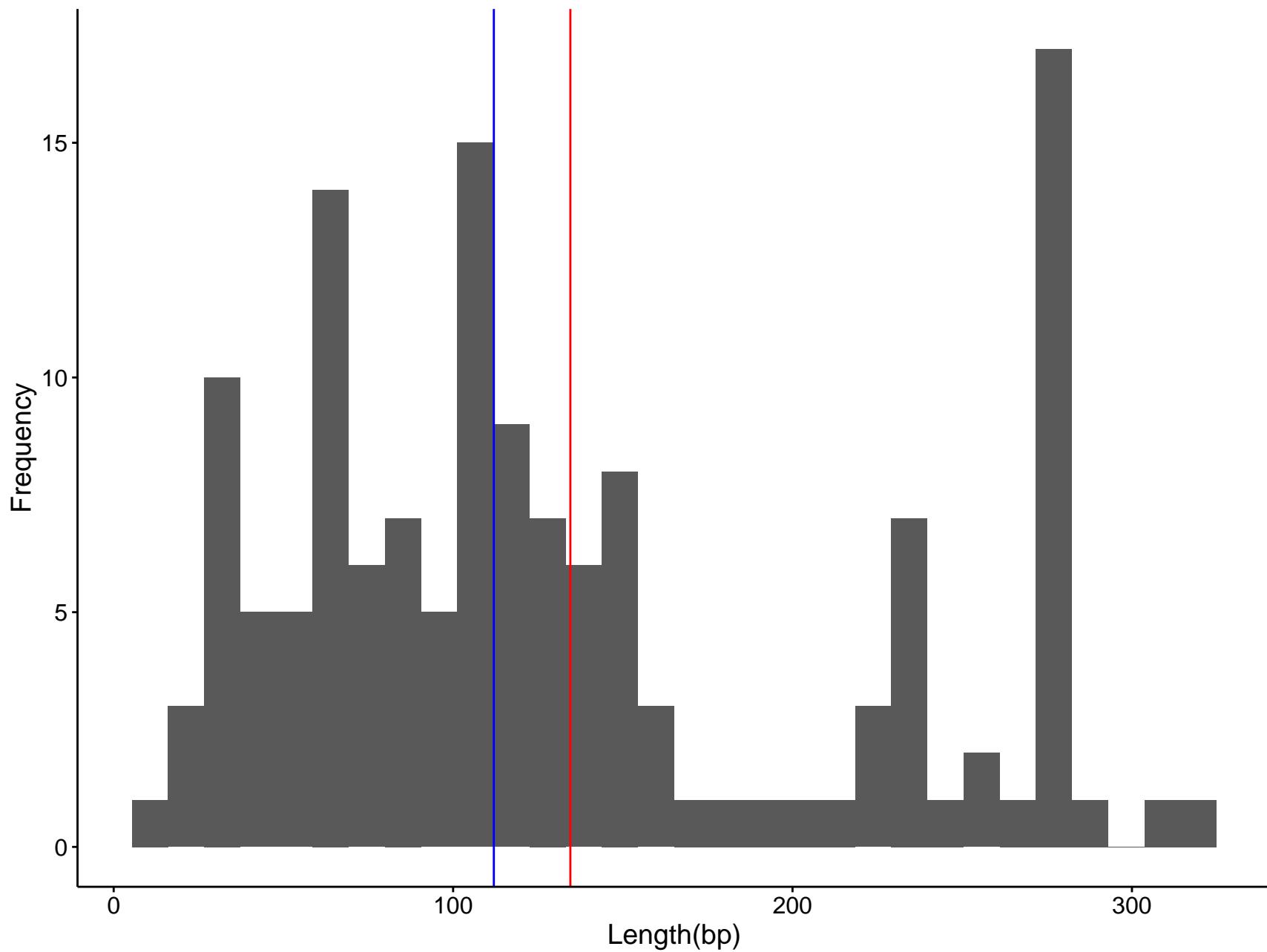
Cluster288



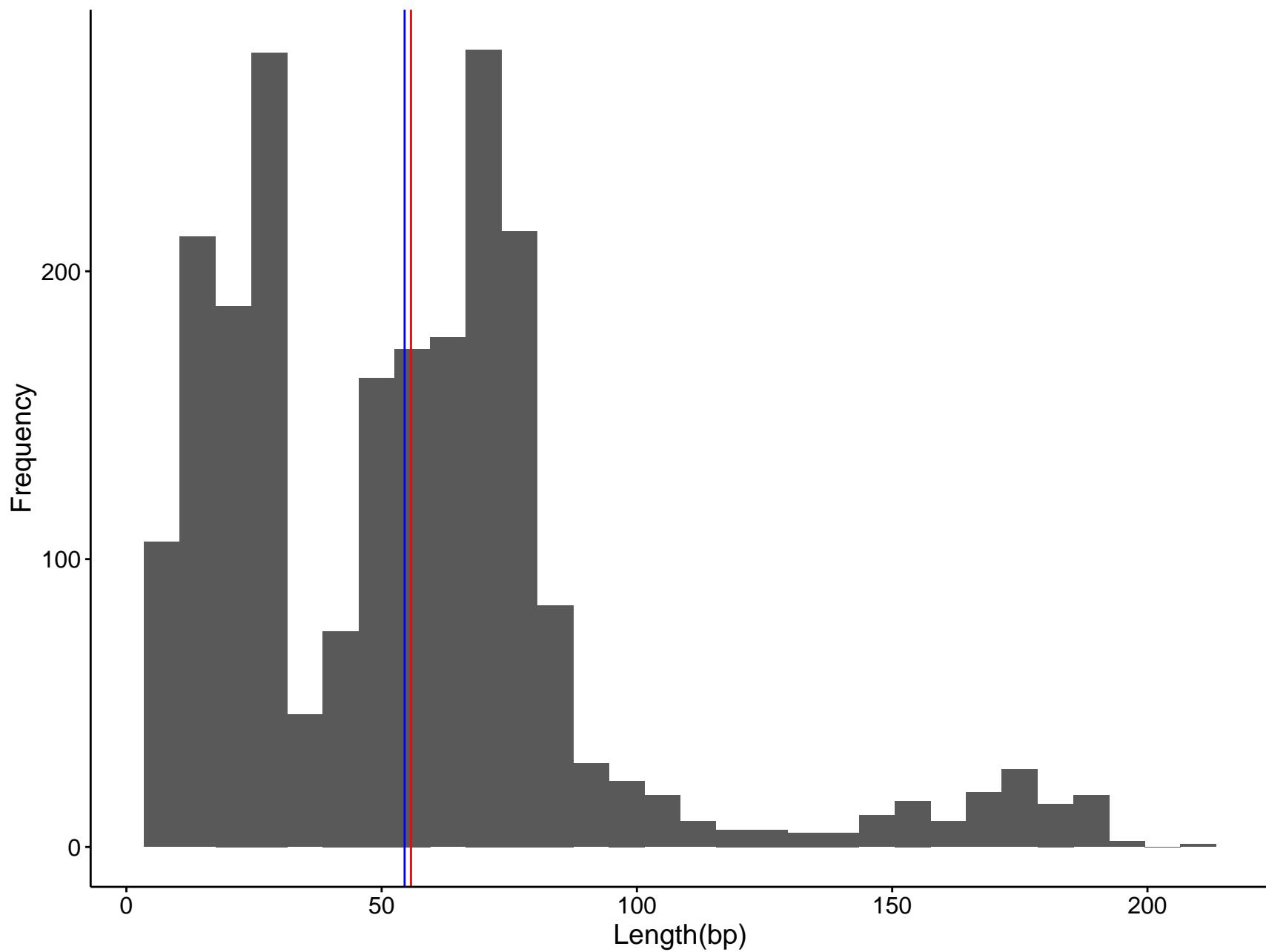
Cluster289



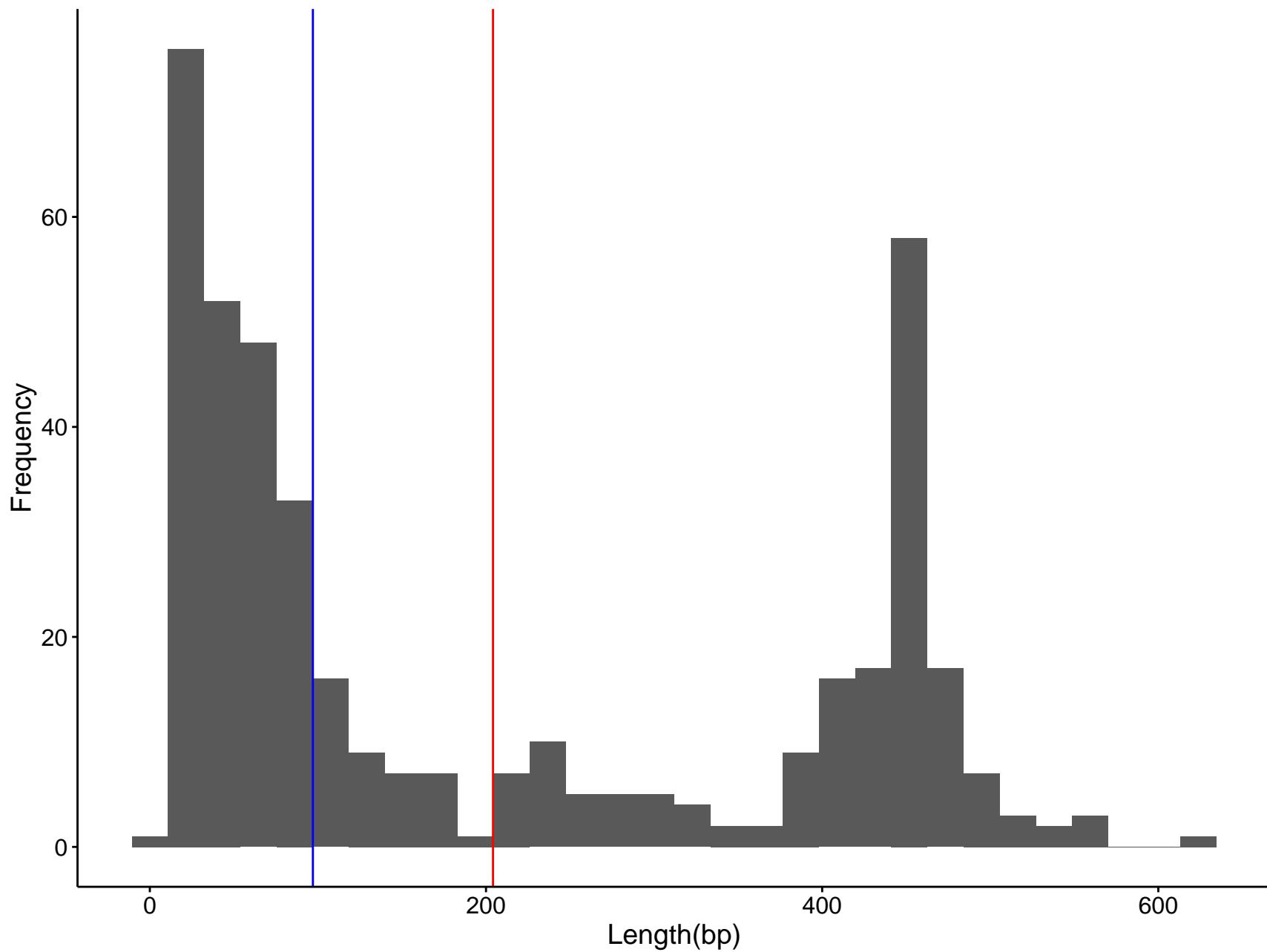
Cluster290



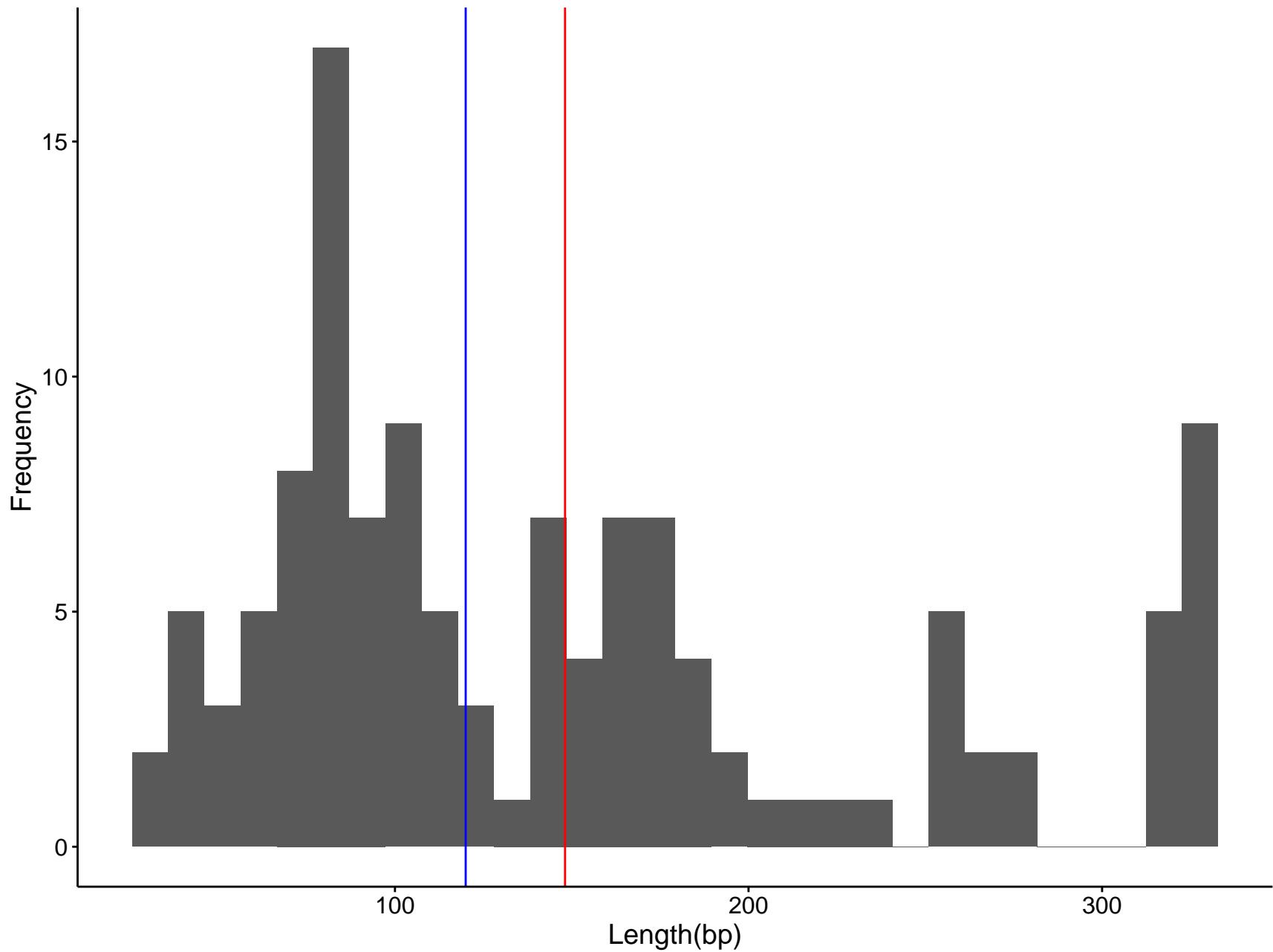
Cluster291



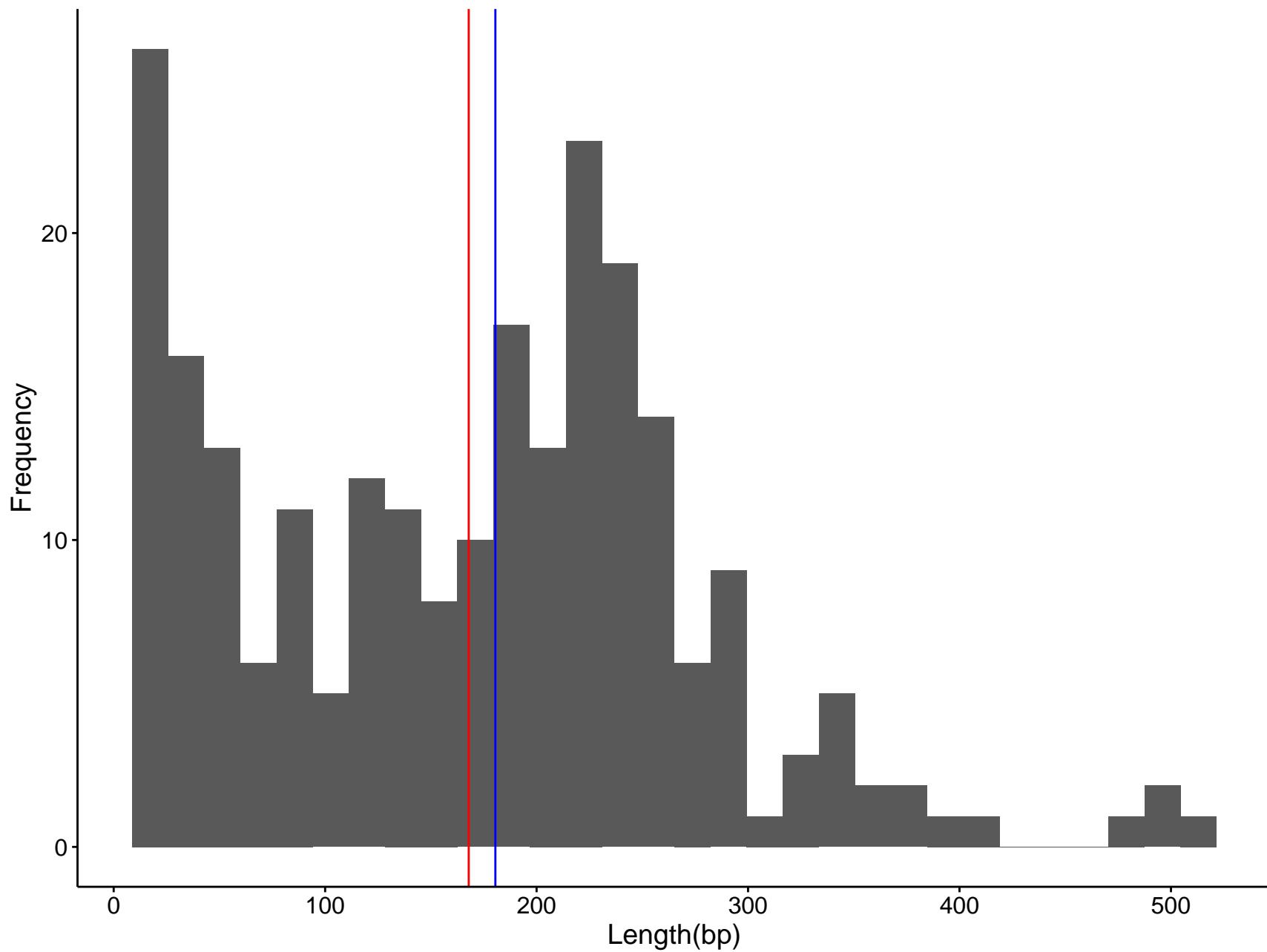
Cluster292



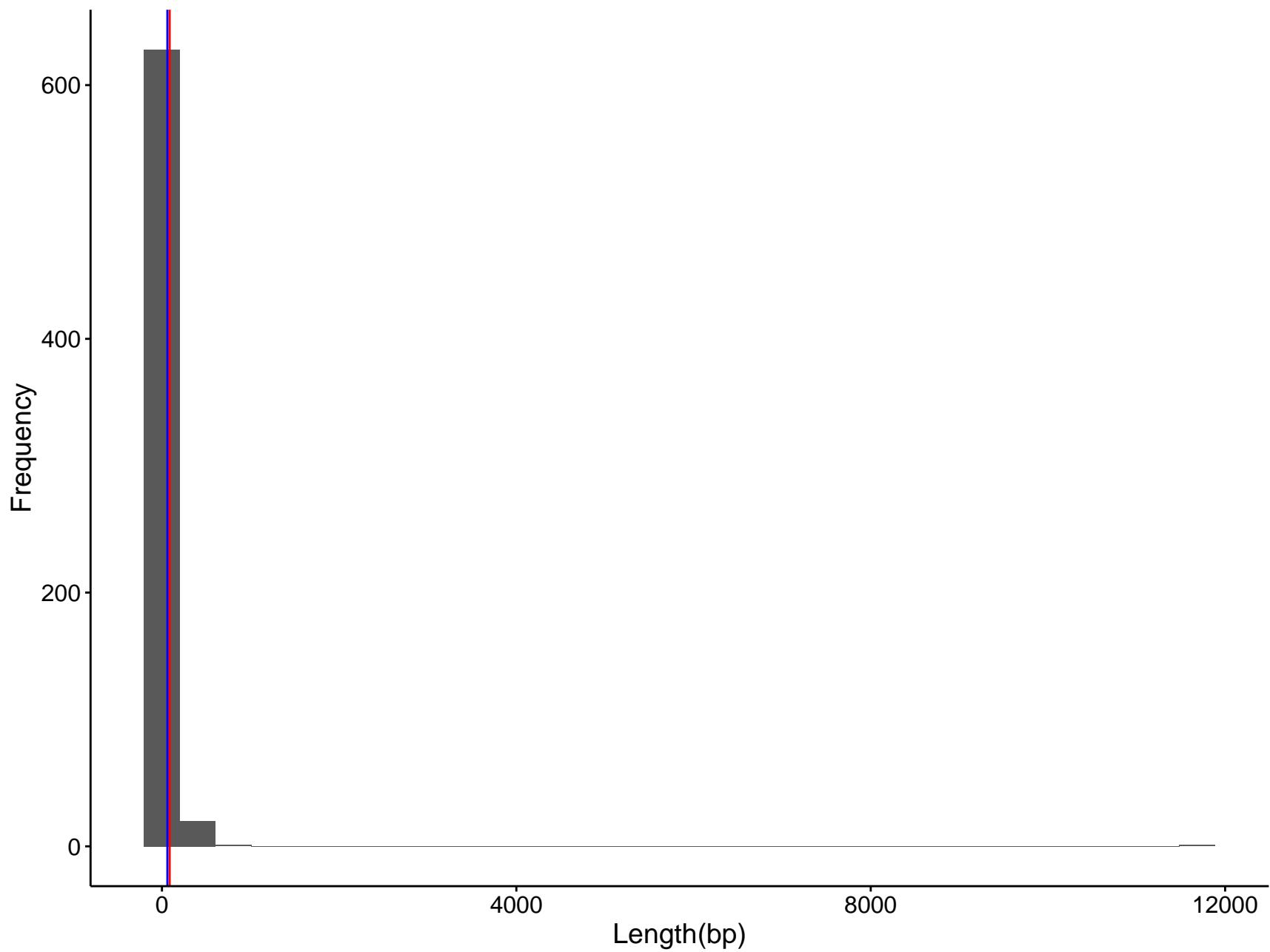
Cluster293



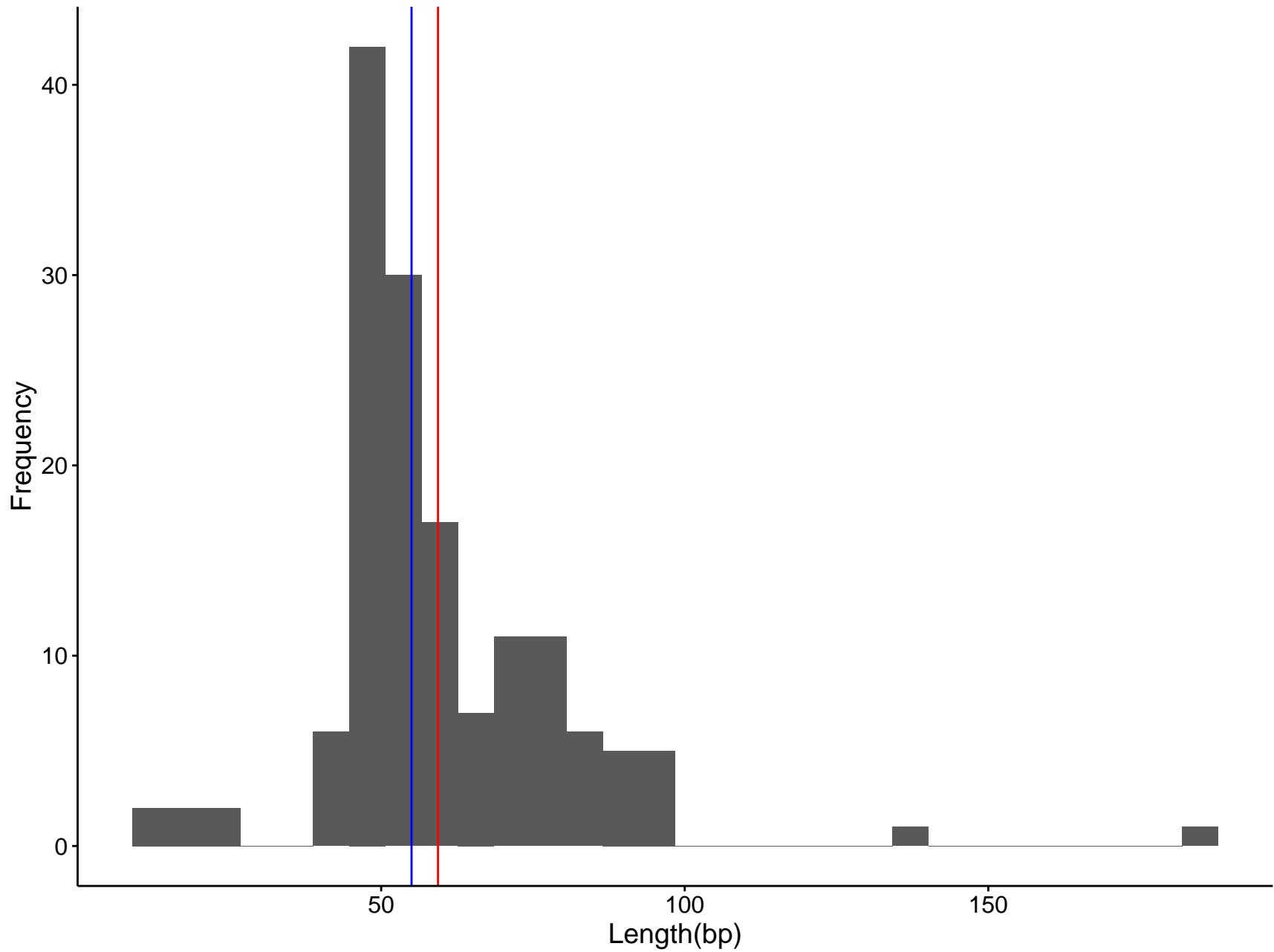
Cluster295



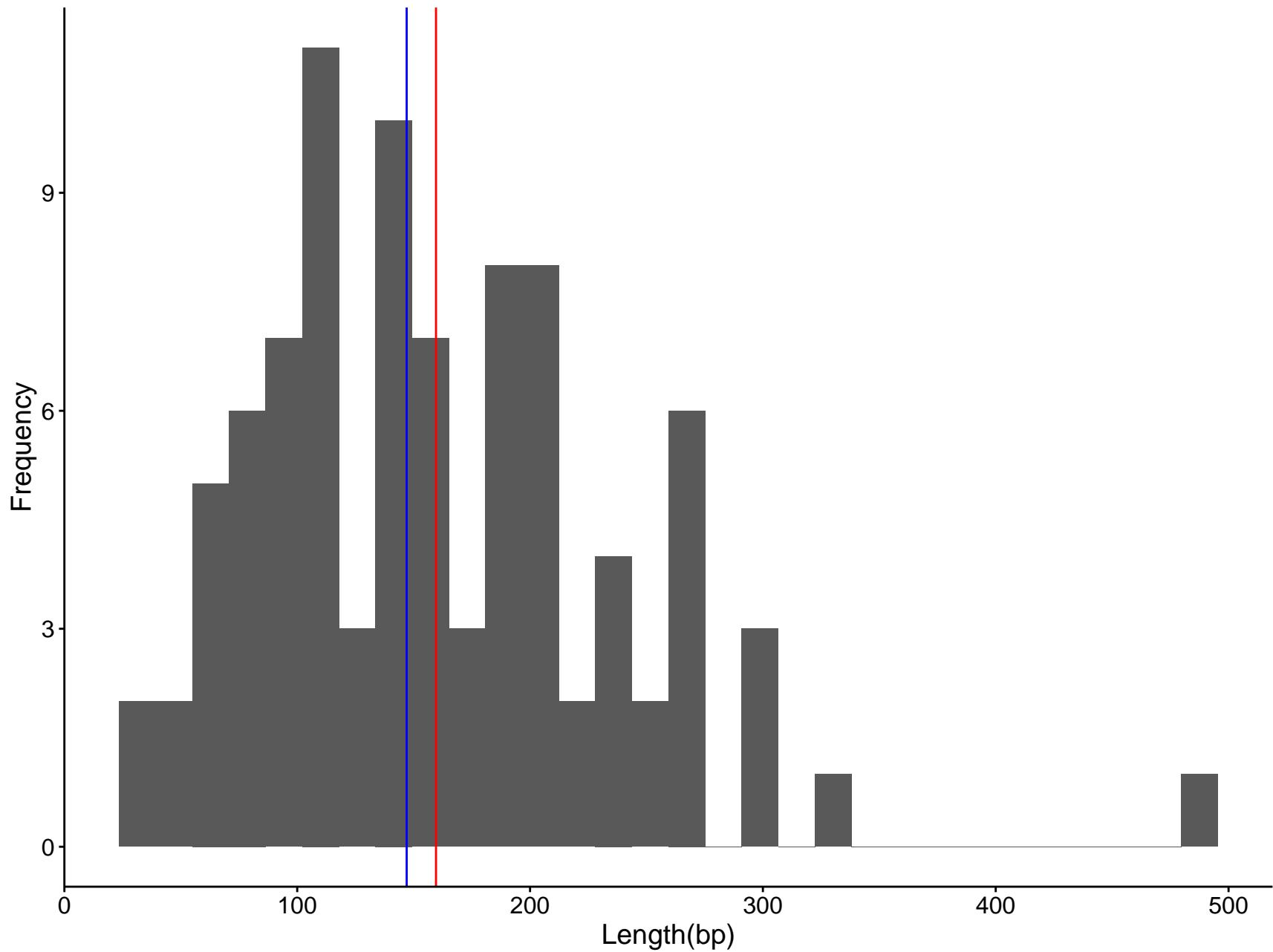
Cluster296

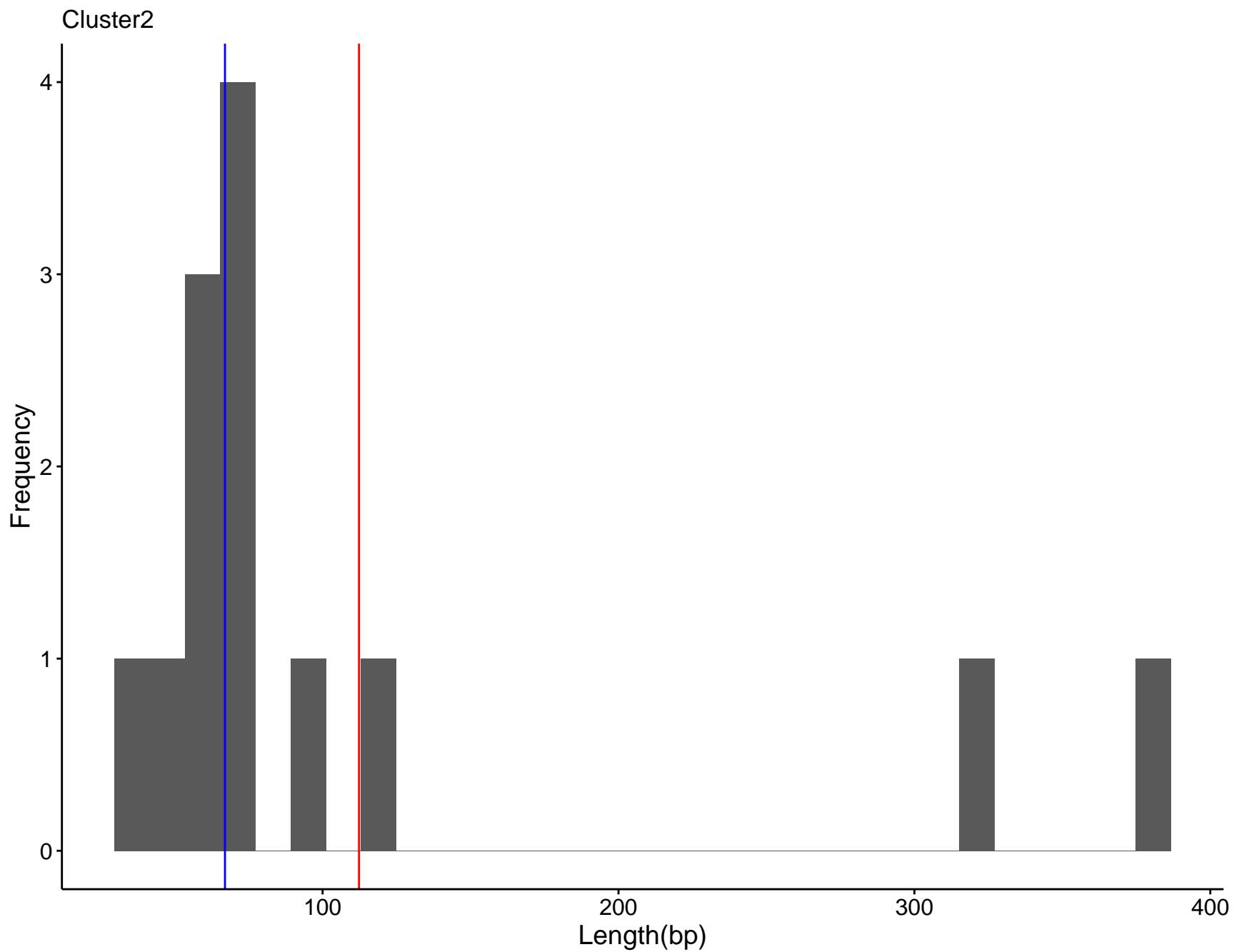


Cluster298

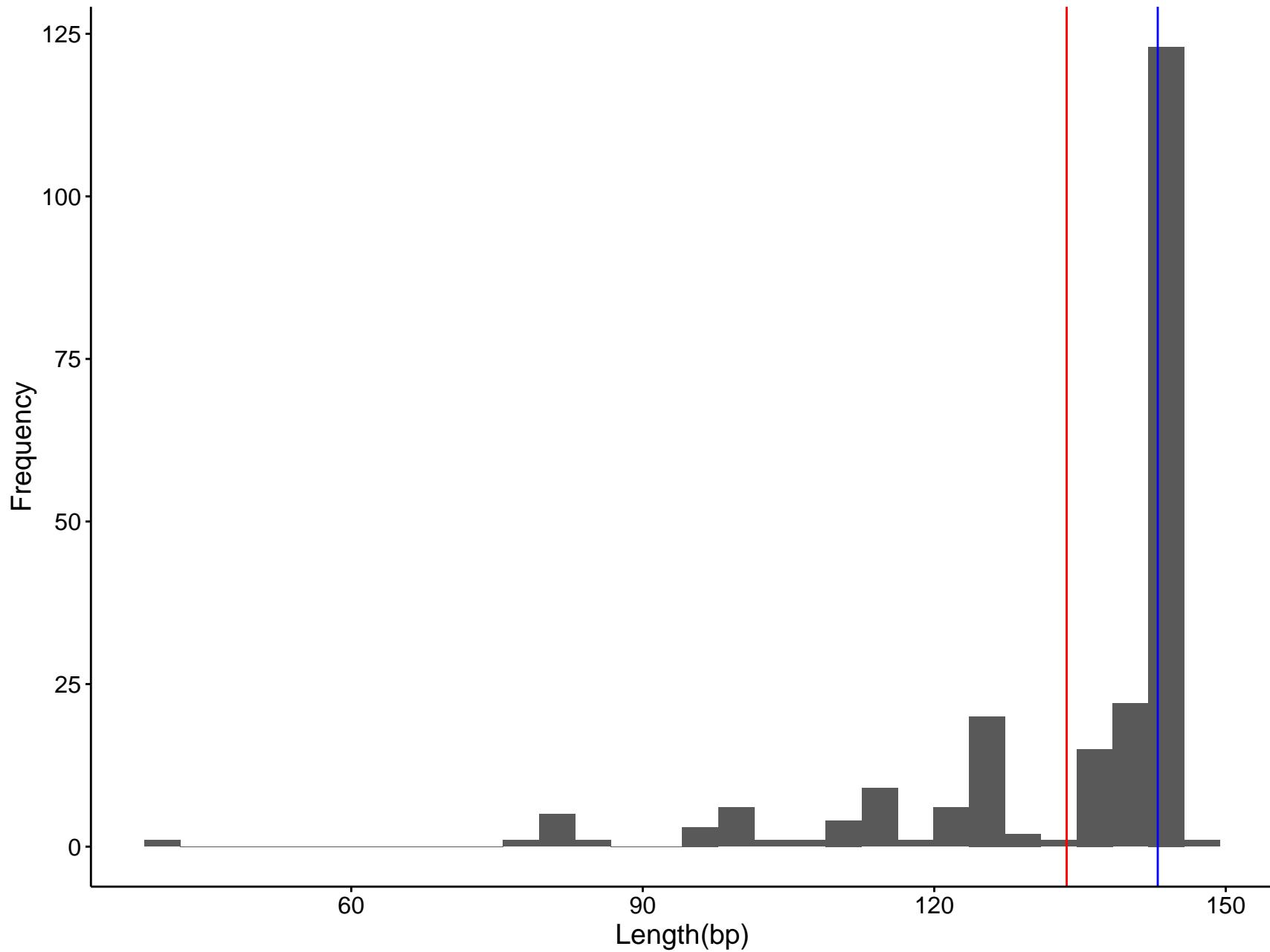


Cluster299

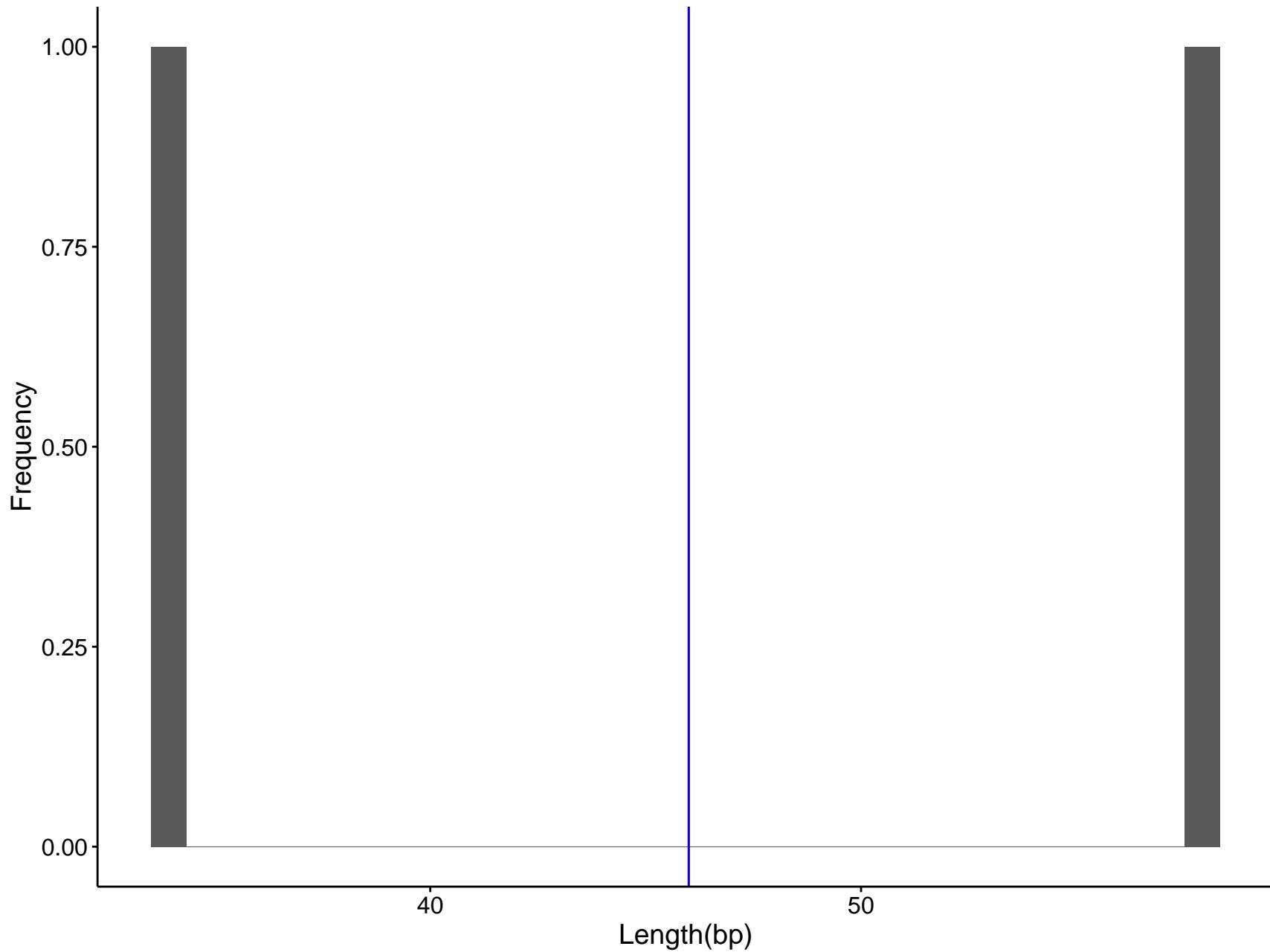




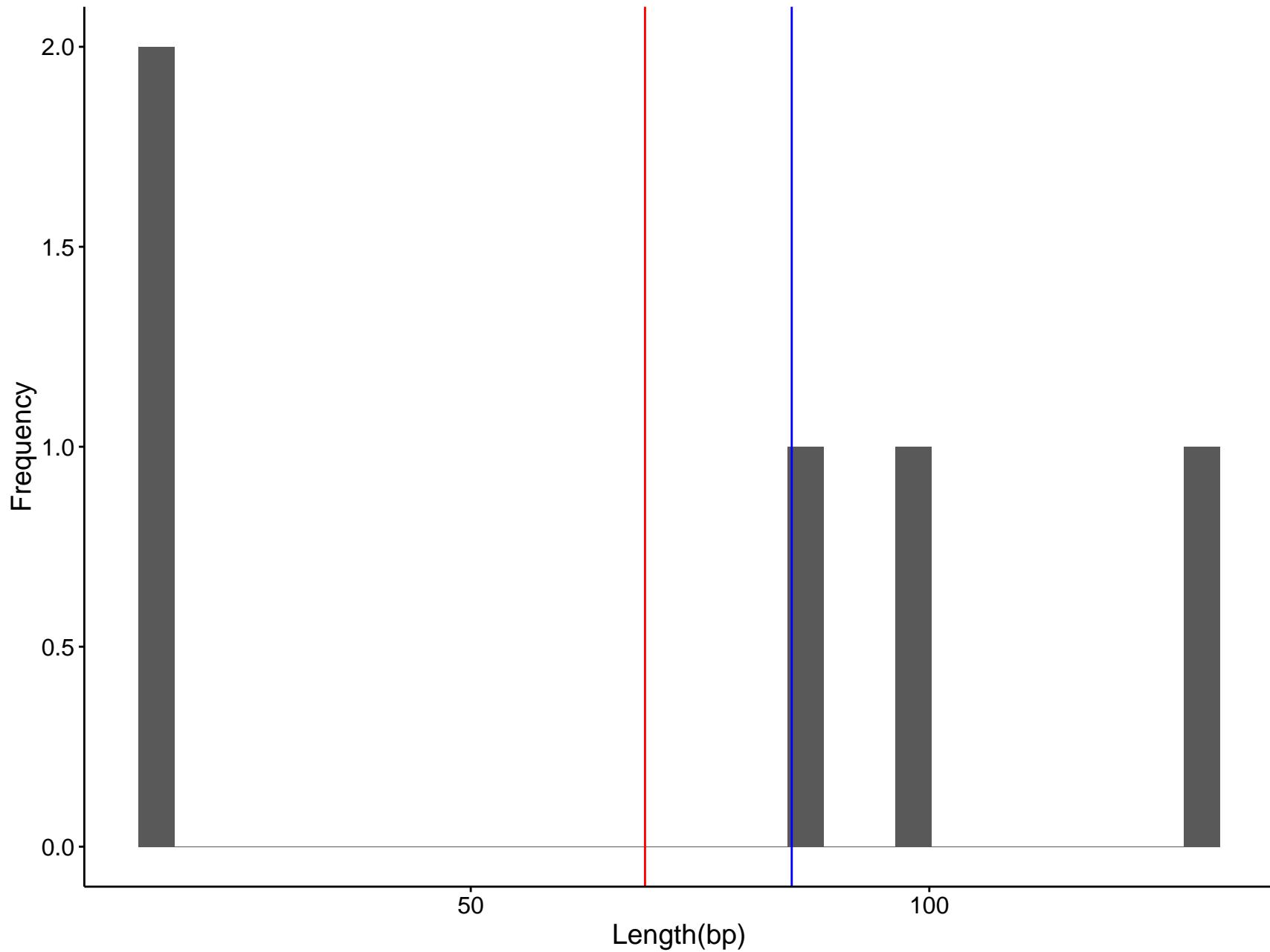
Cluster300



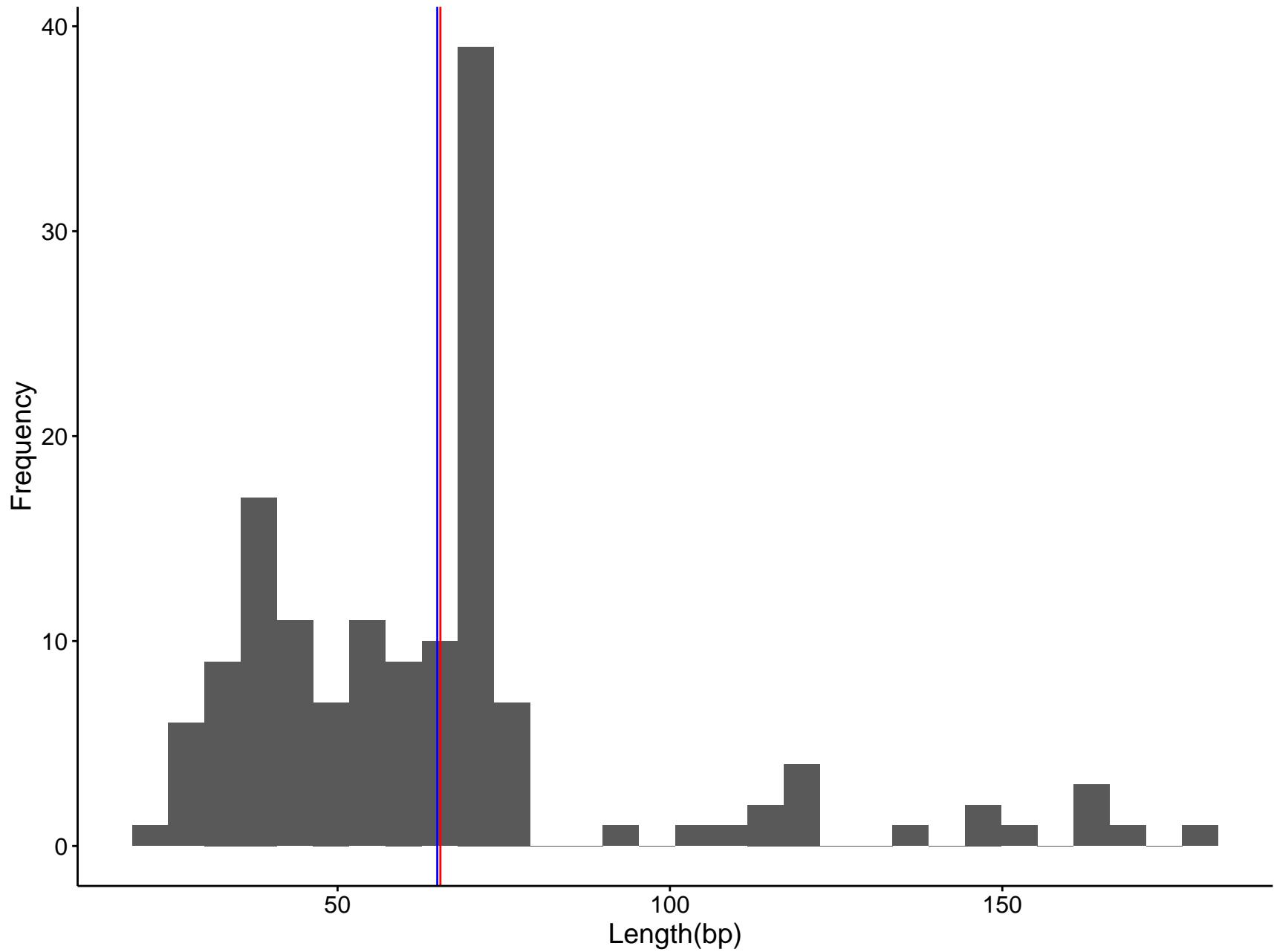
Cluster301



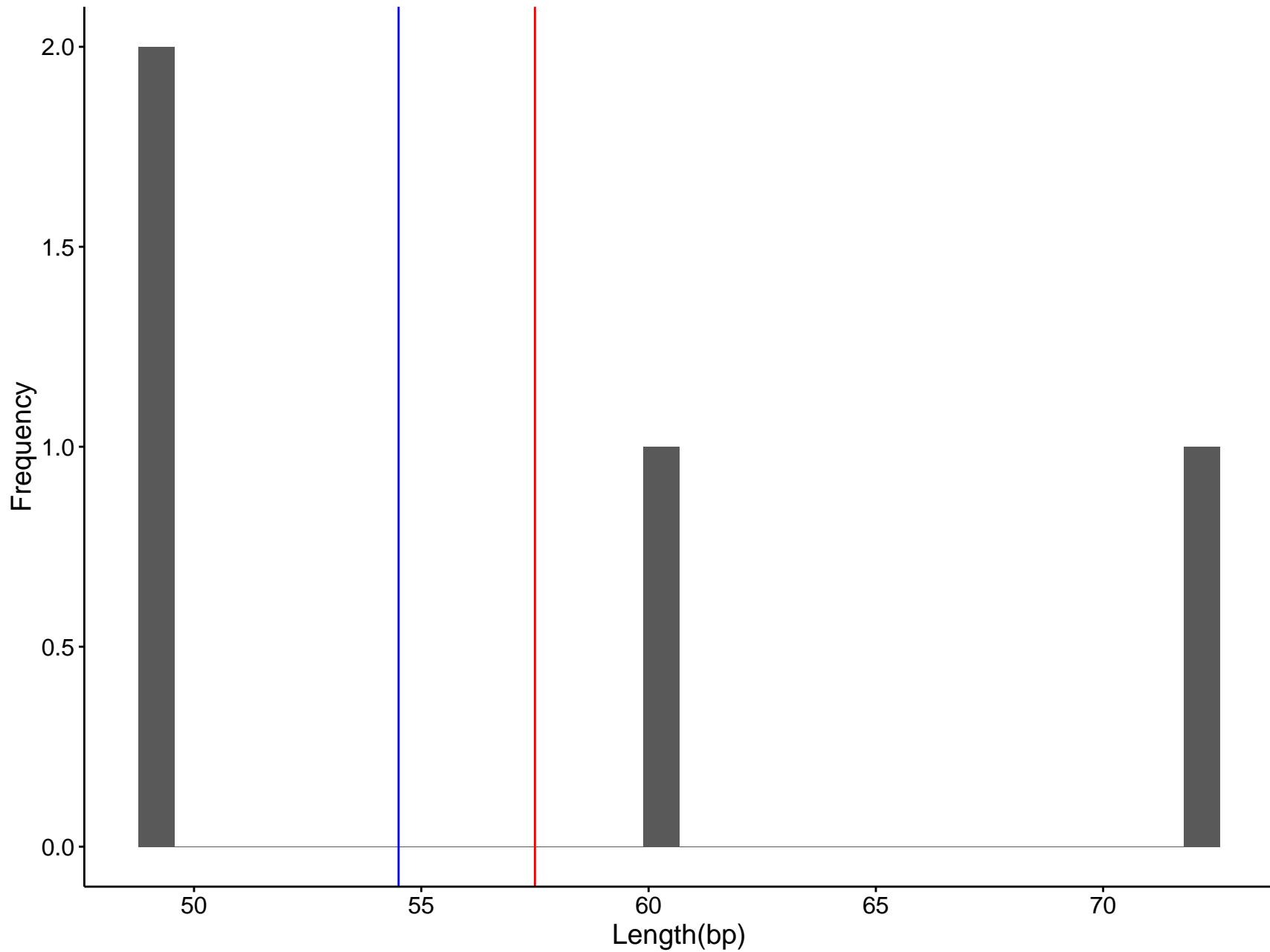
Cluster302



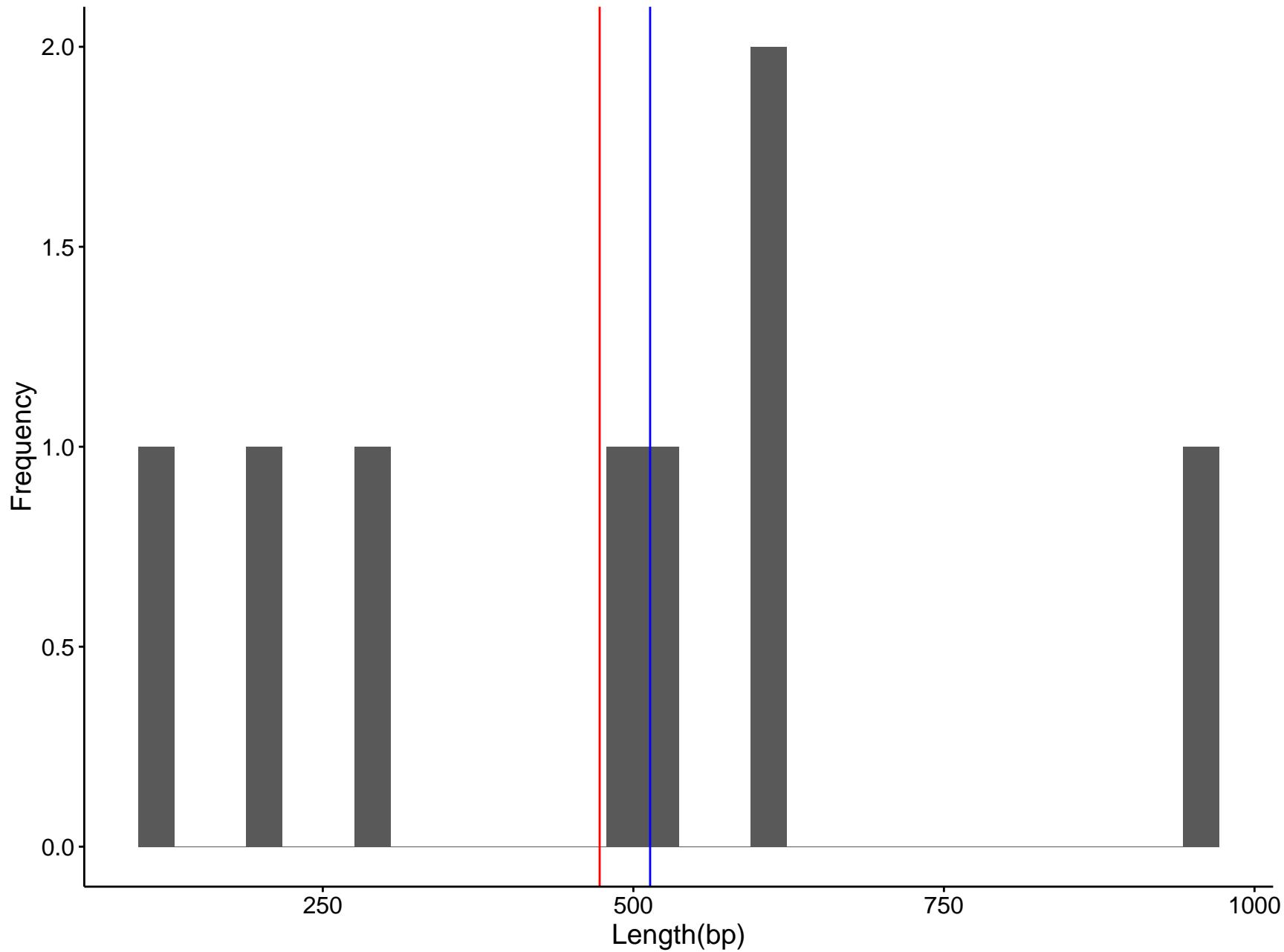
Cluster303



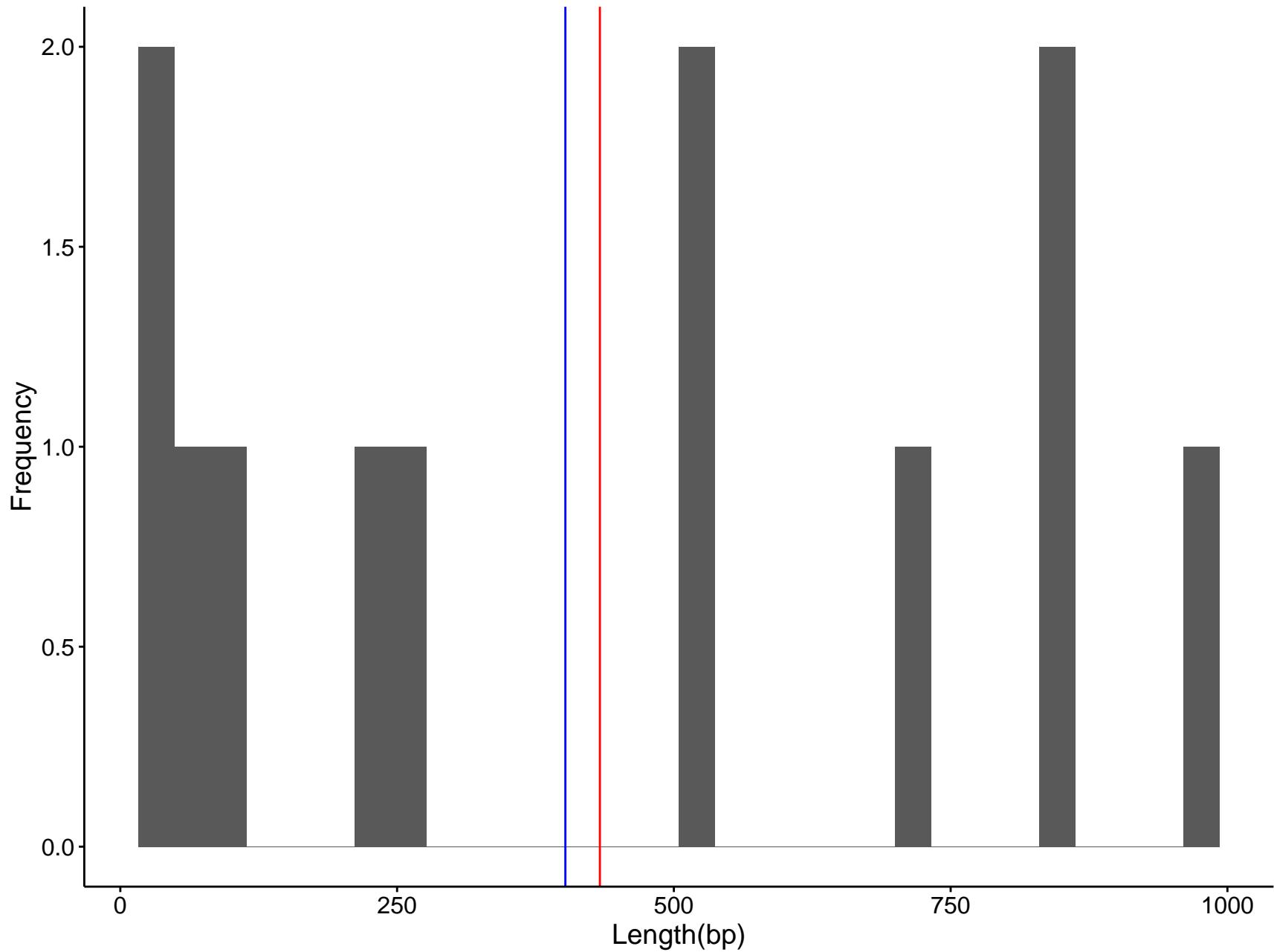
Cluster305



Cluster307



Cluster308



Cluster30

Frequency

750

500

250

0

0

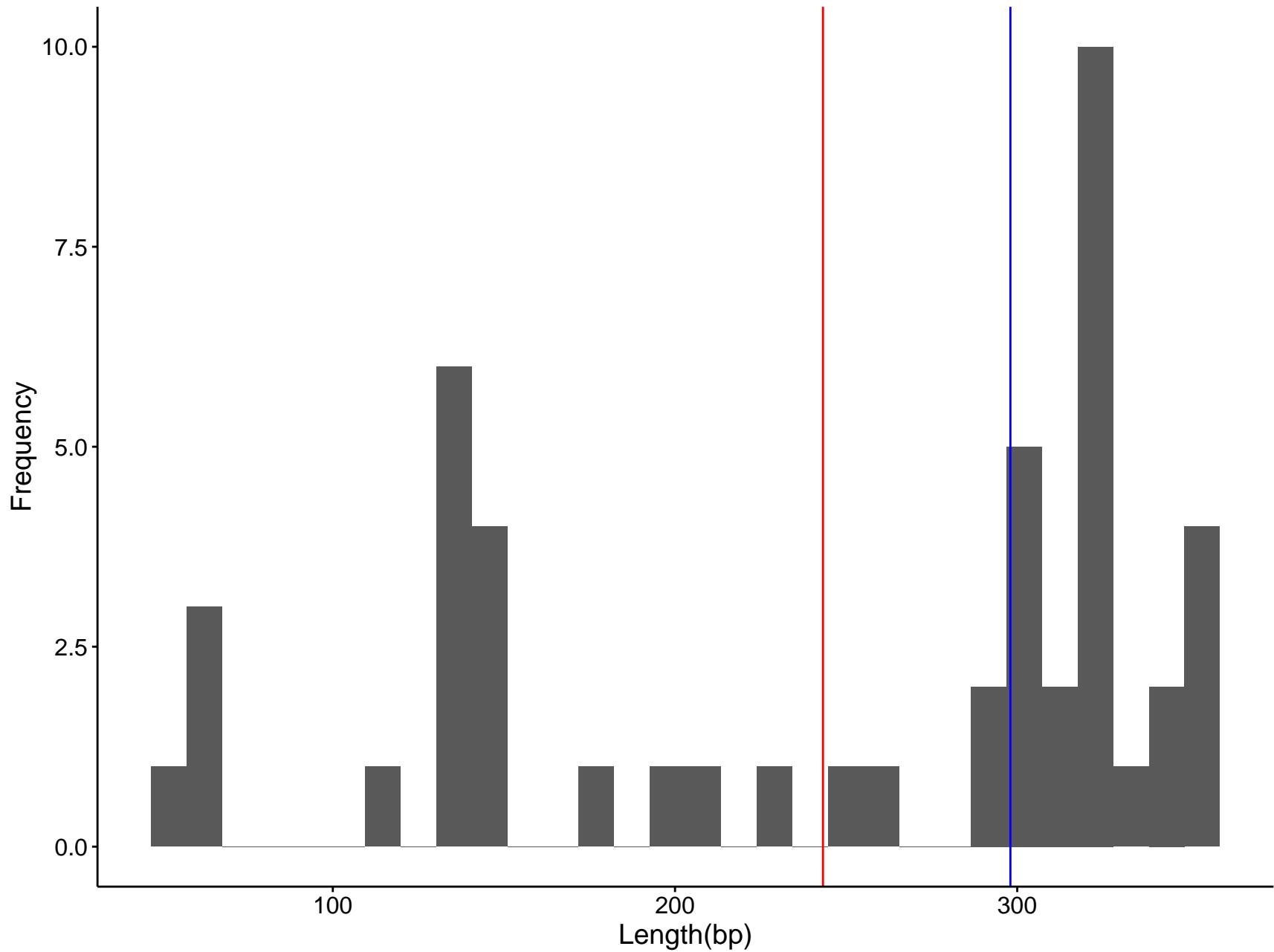
200

400

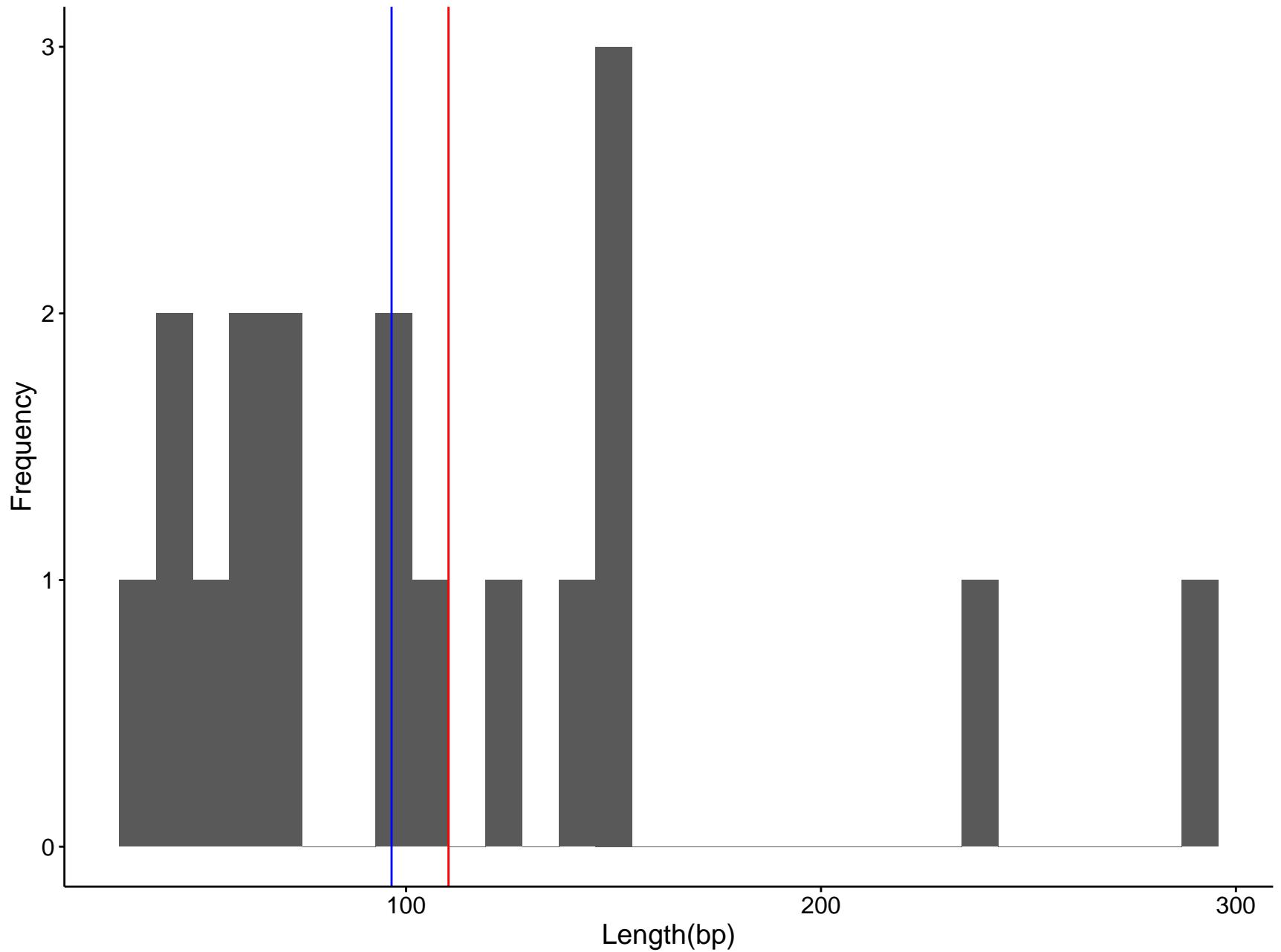
Length(bp)



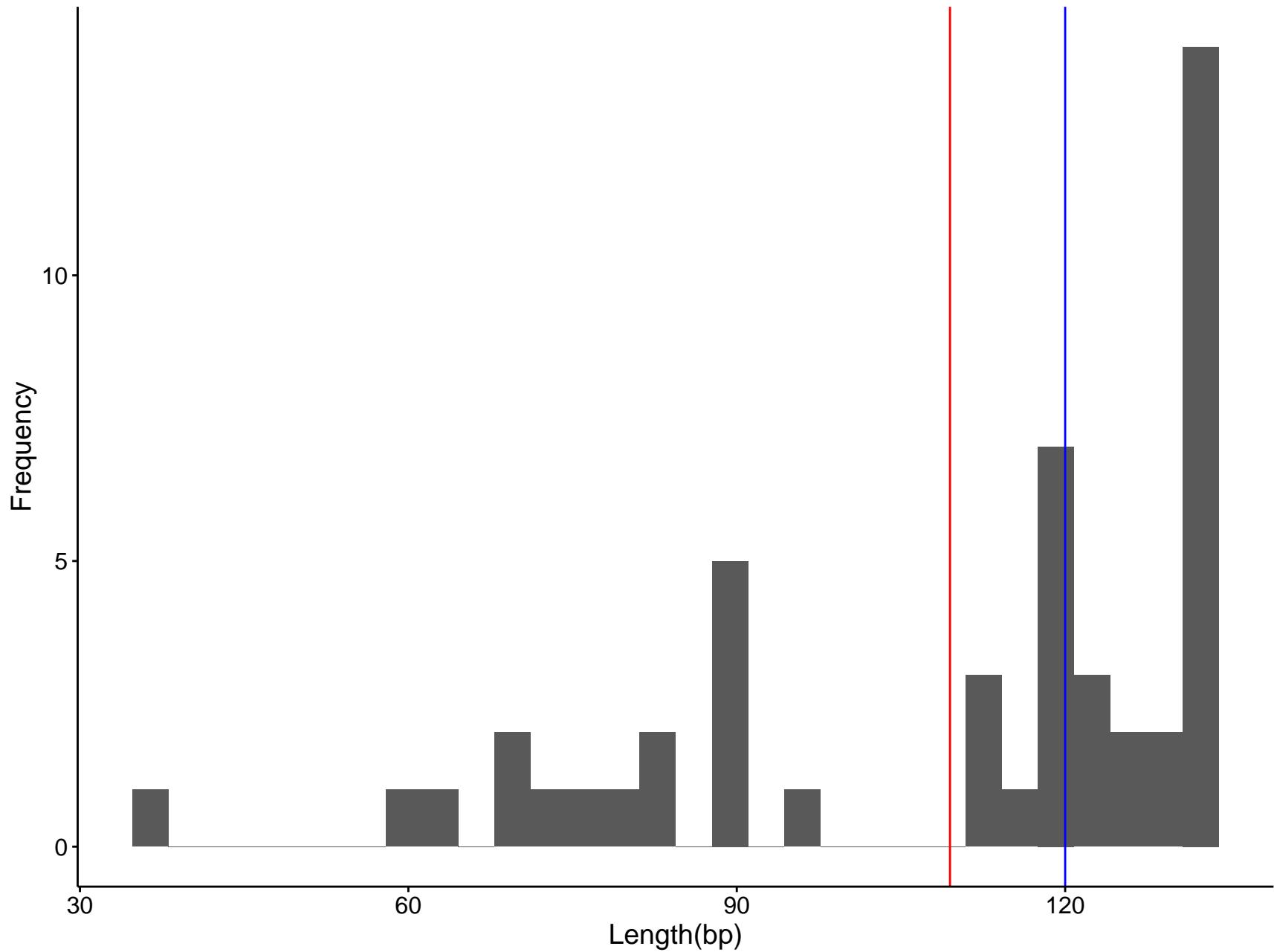
Cluster314



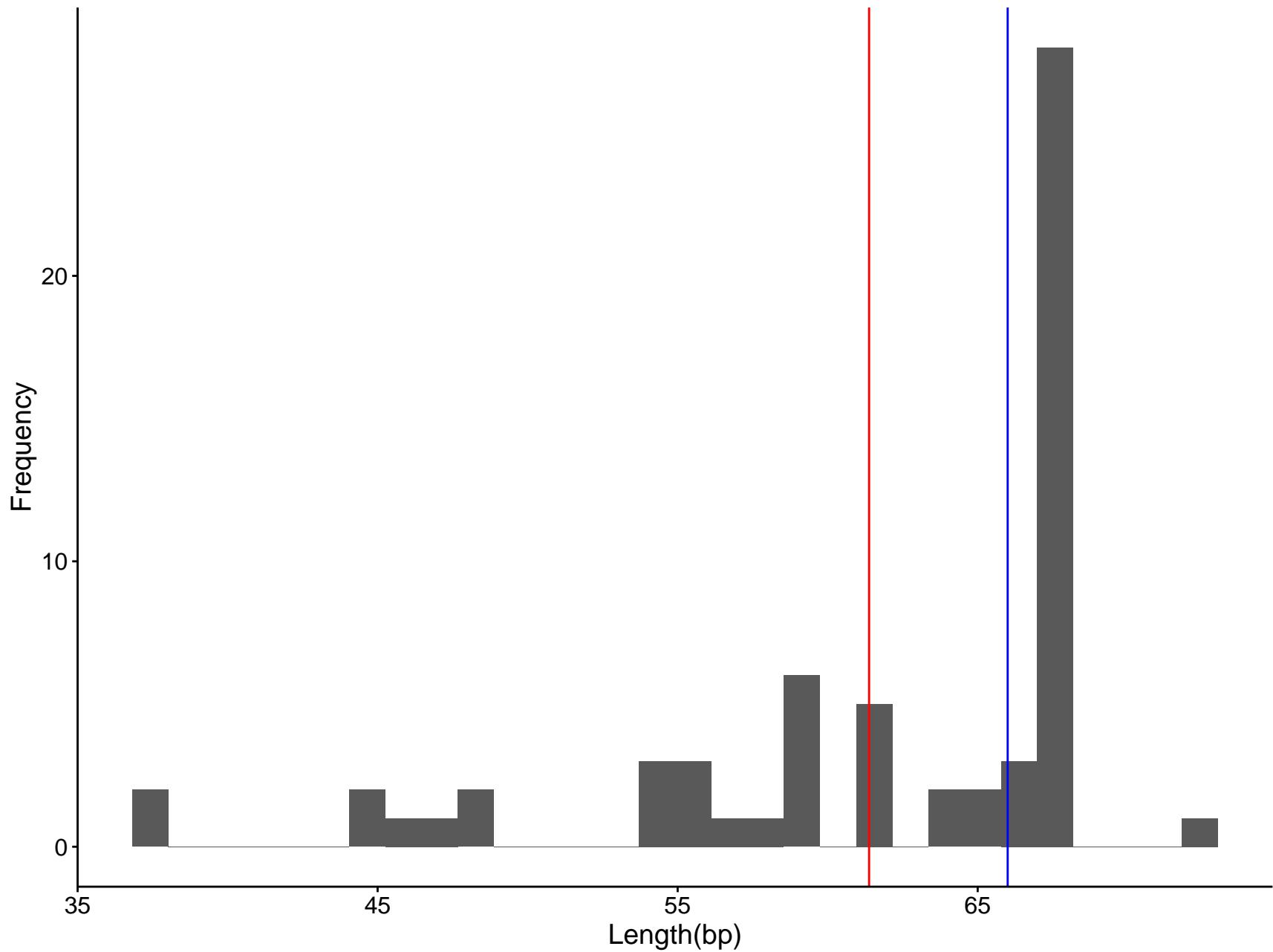
Cluster316



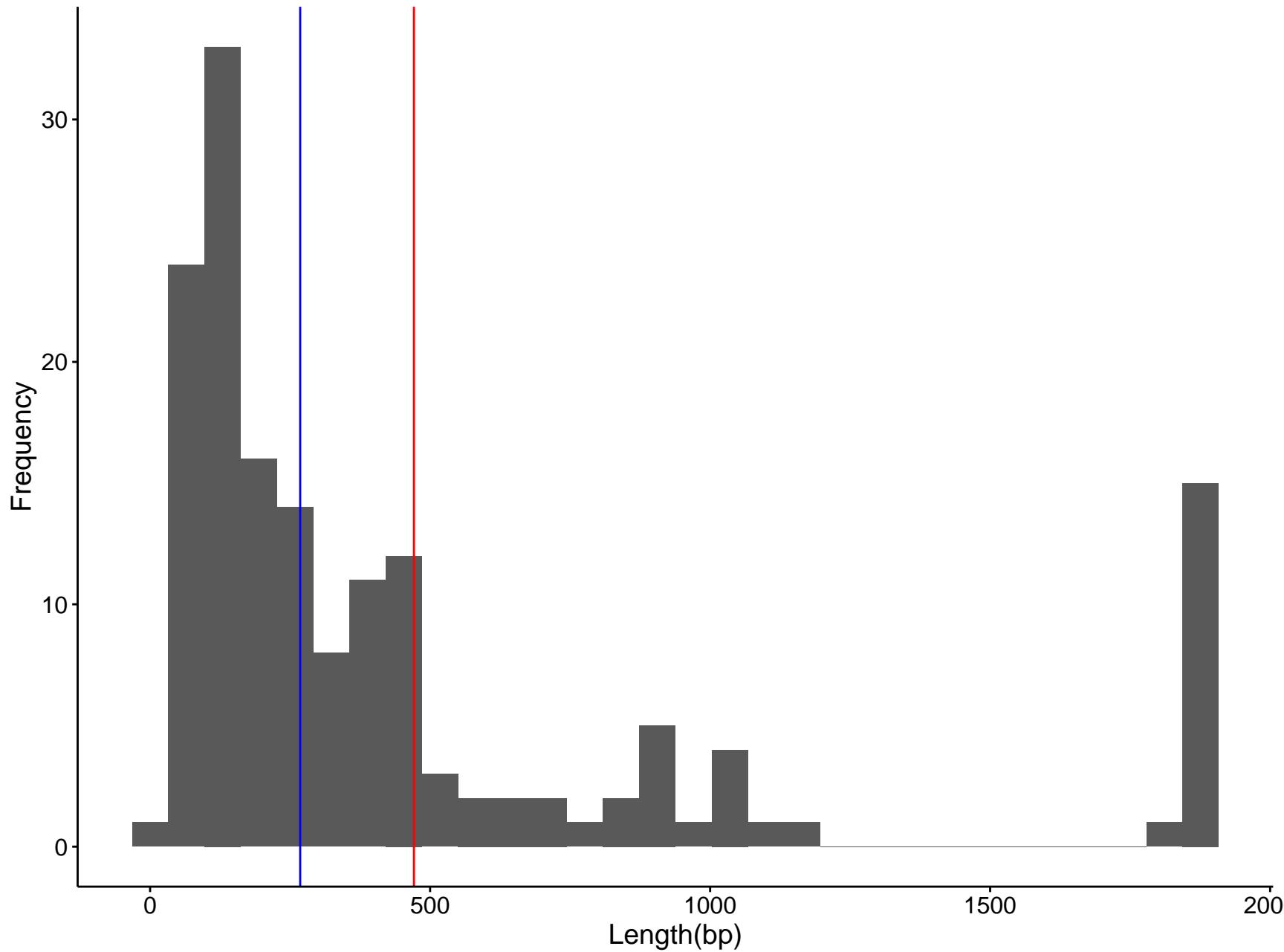
Cluster318



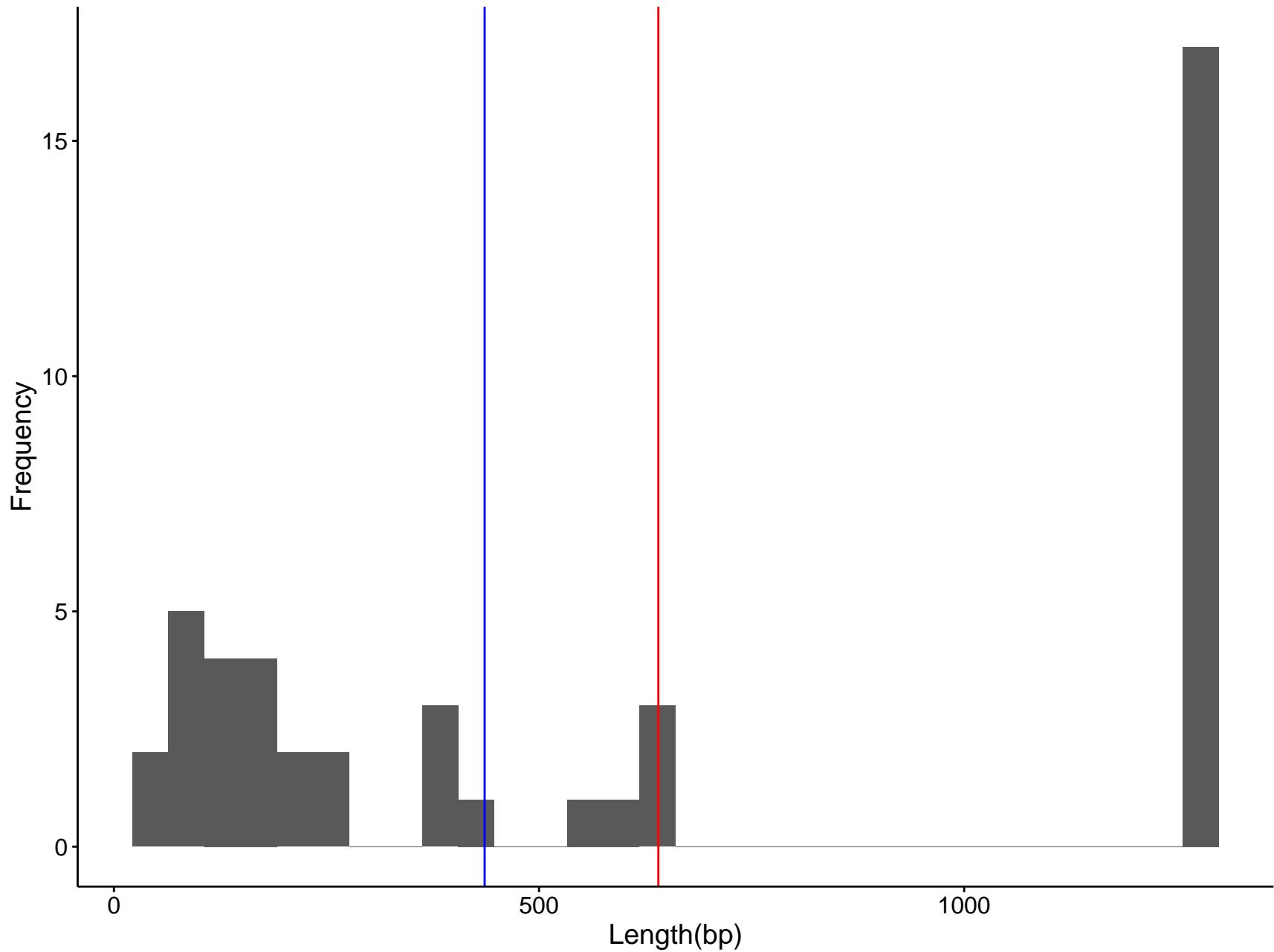
Cluster319



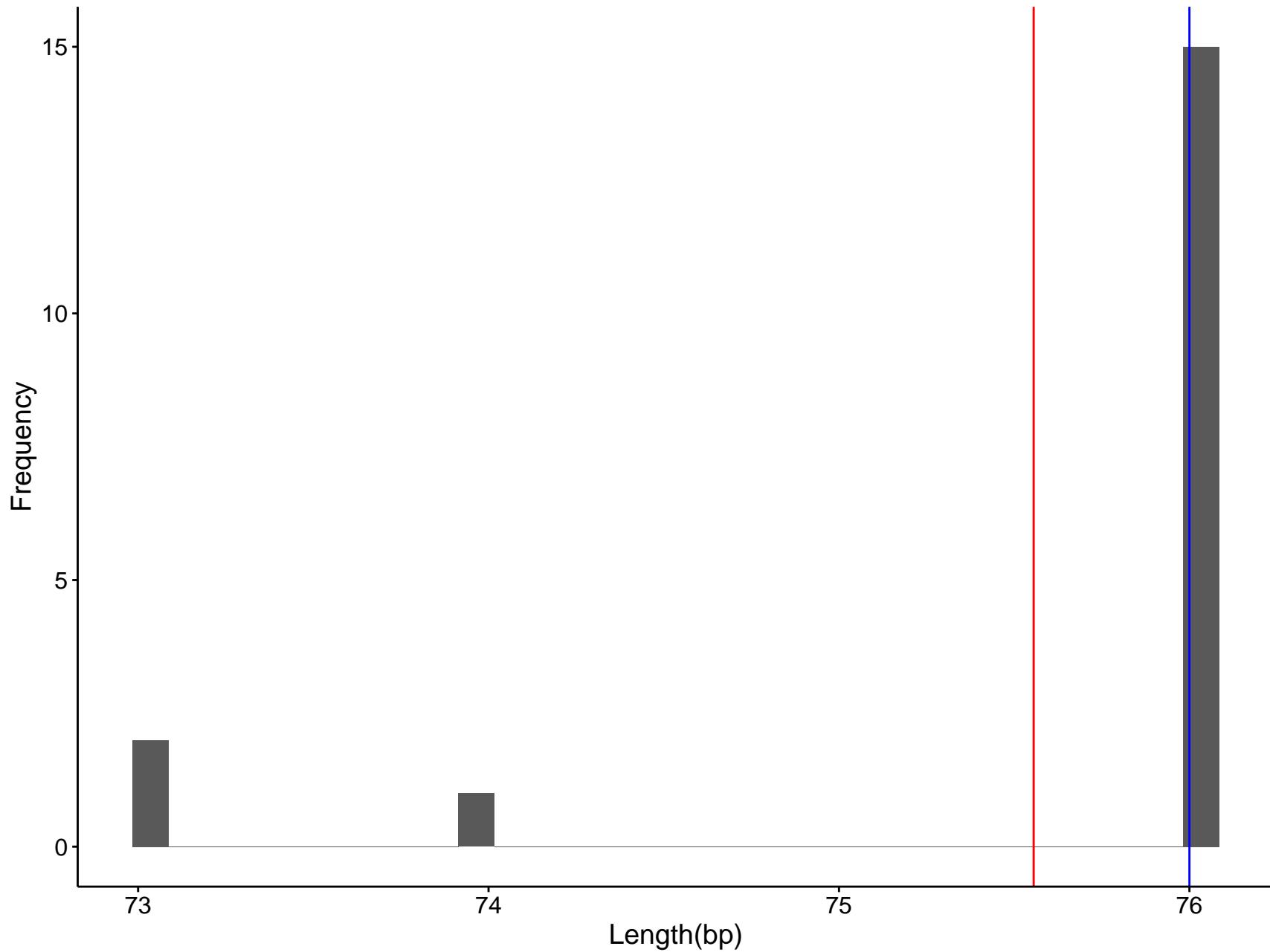
Cluster31



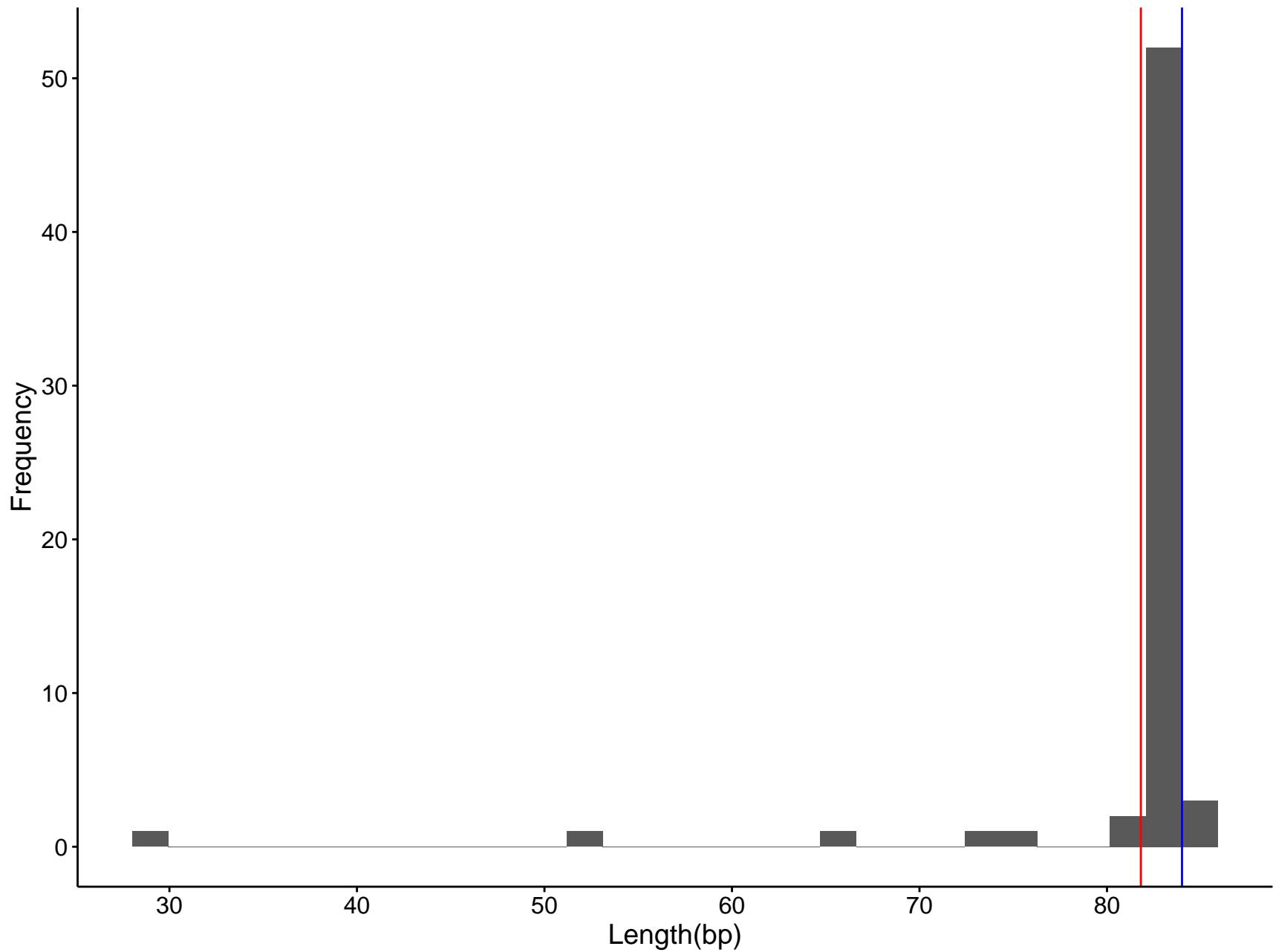
Cluster321



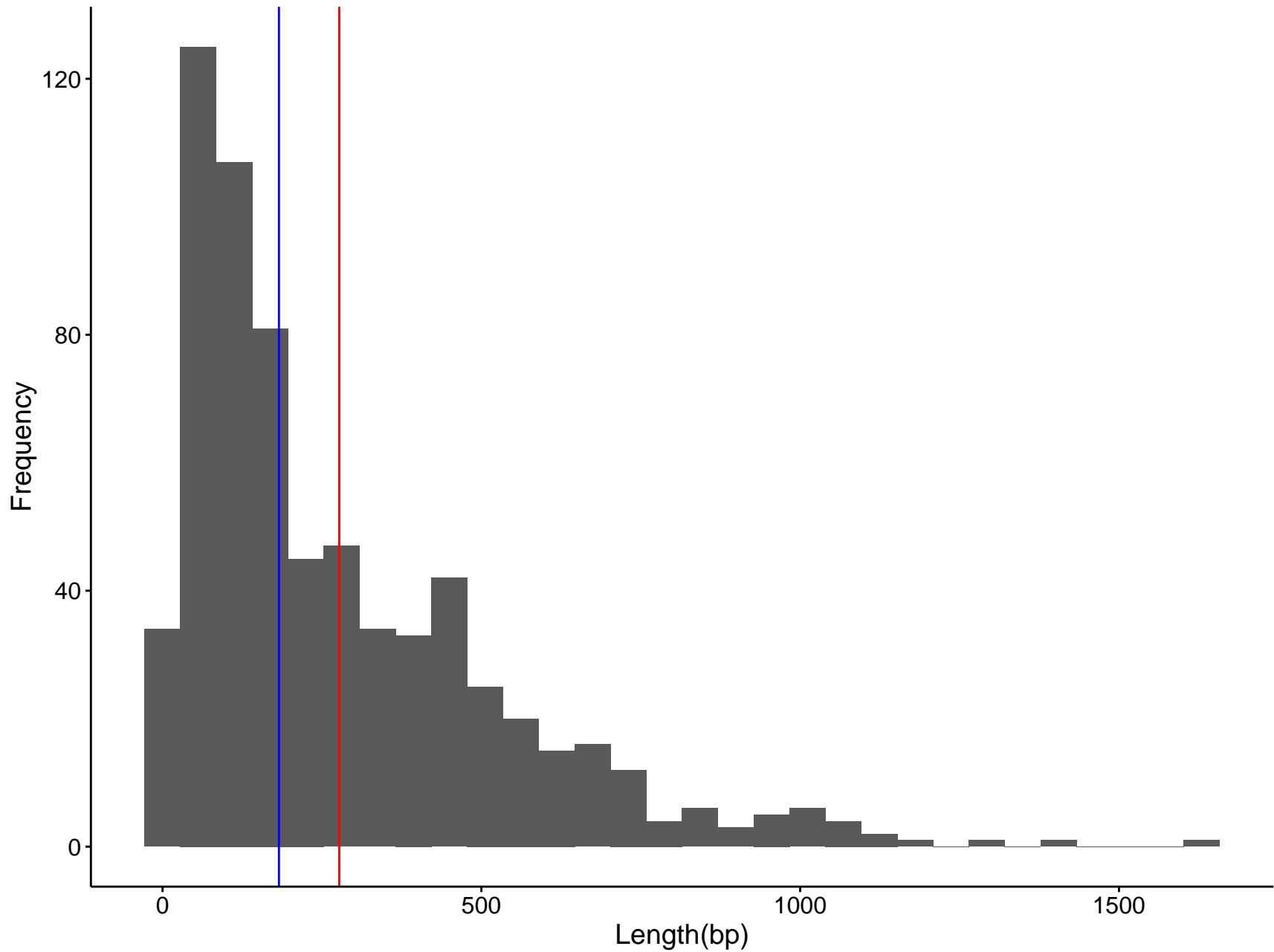
Cluster324



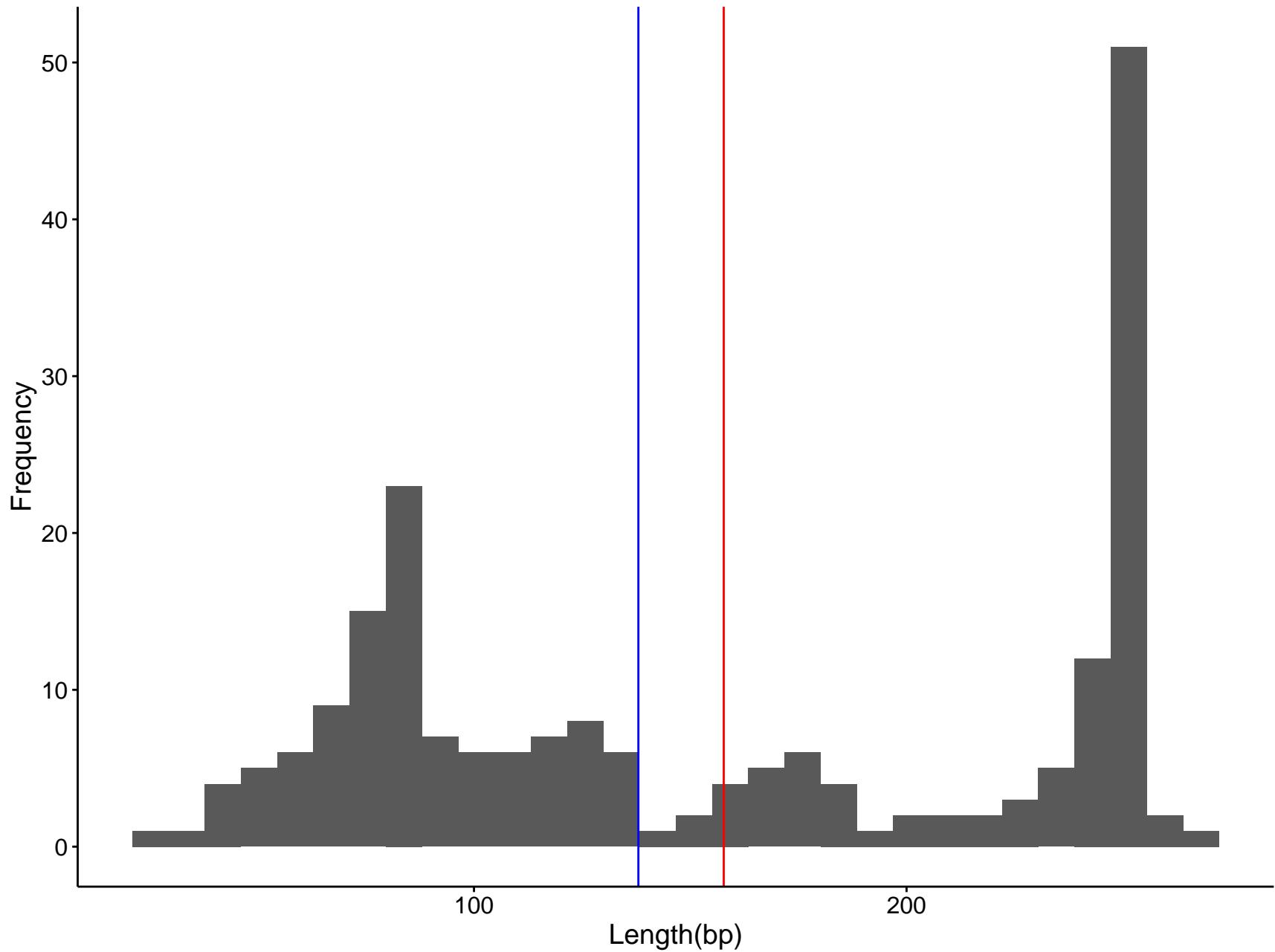
Cluster325



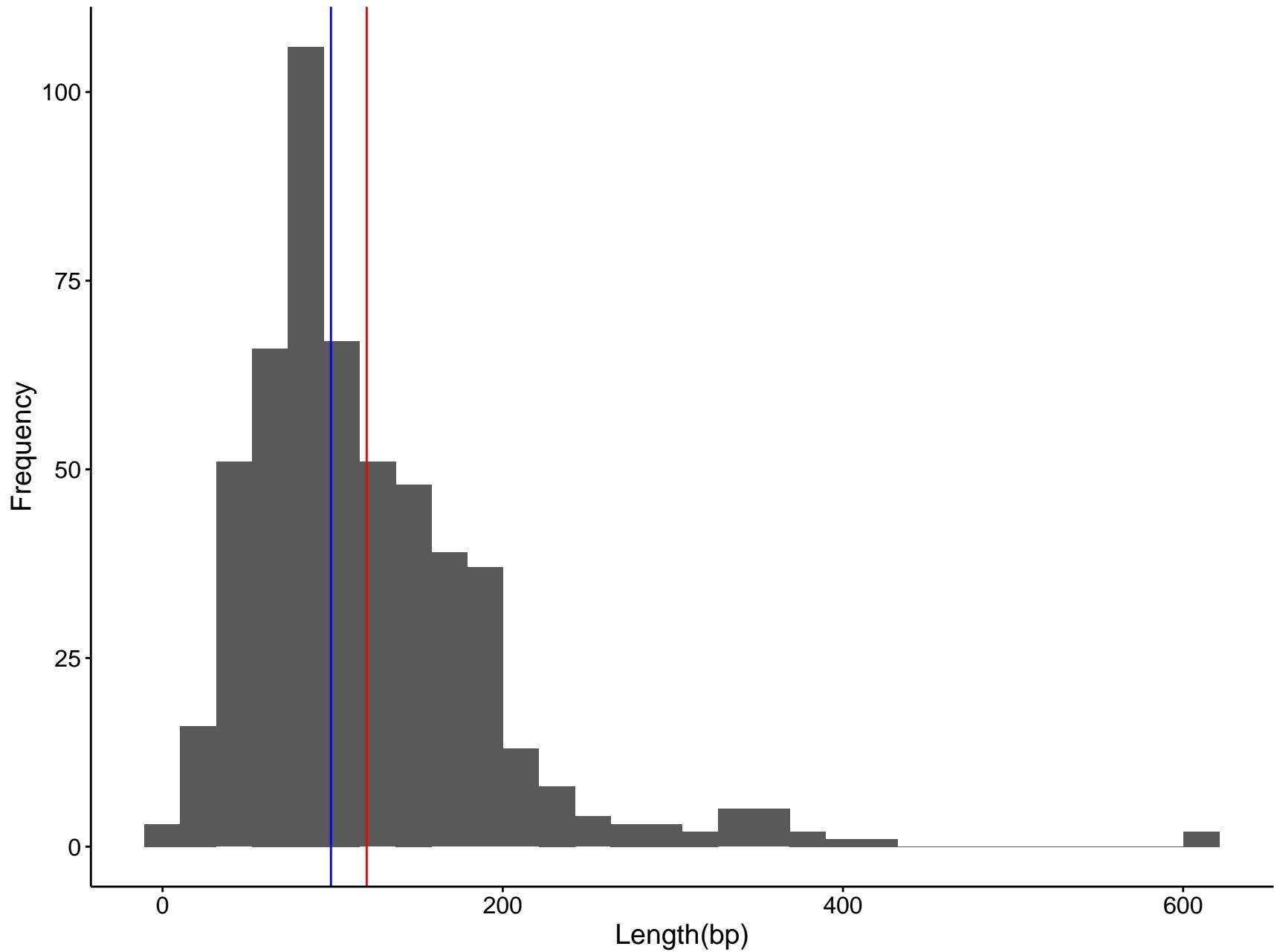
Cluster327



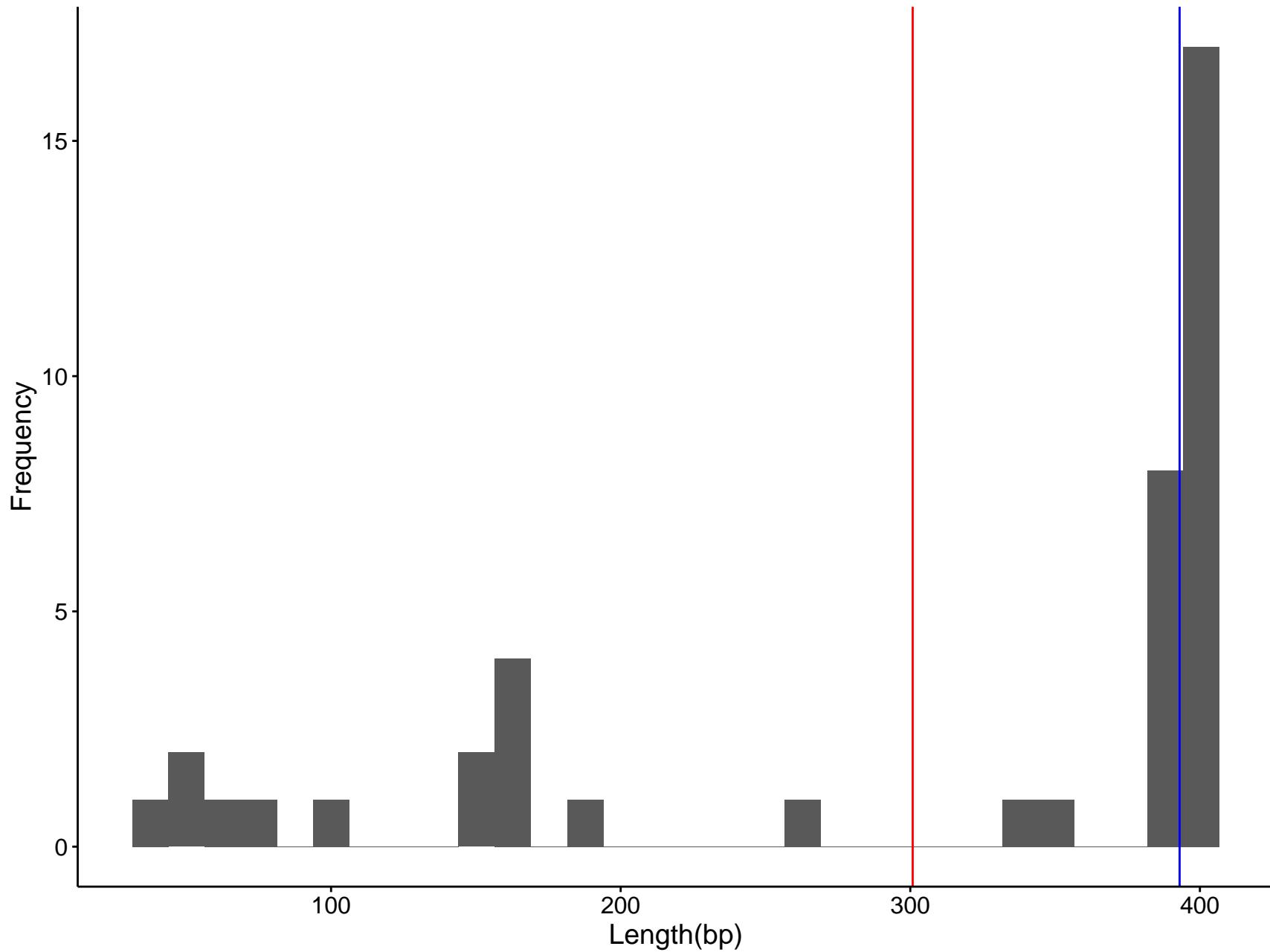
Cluster328



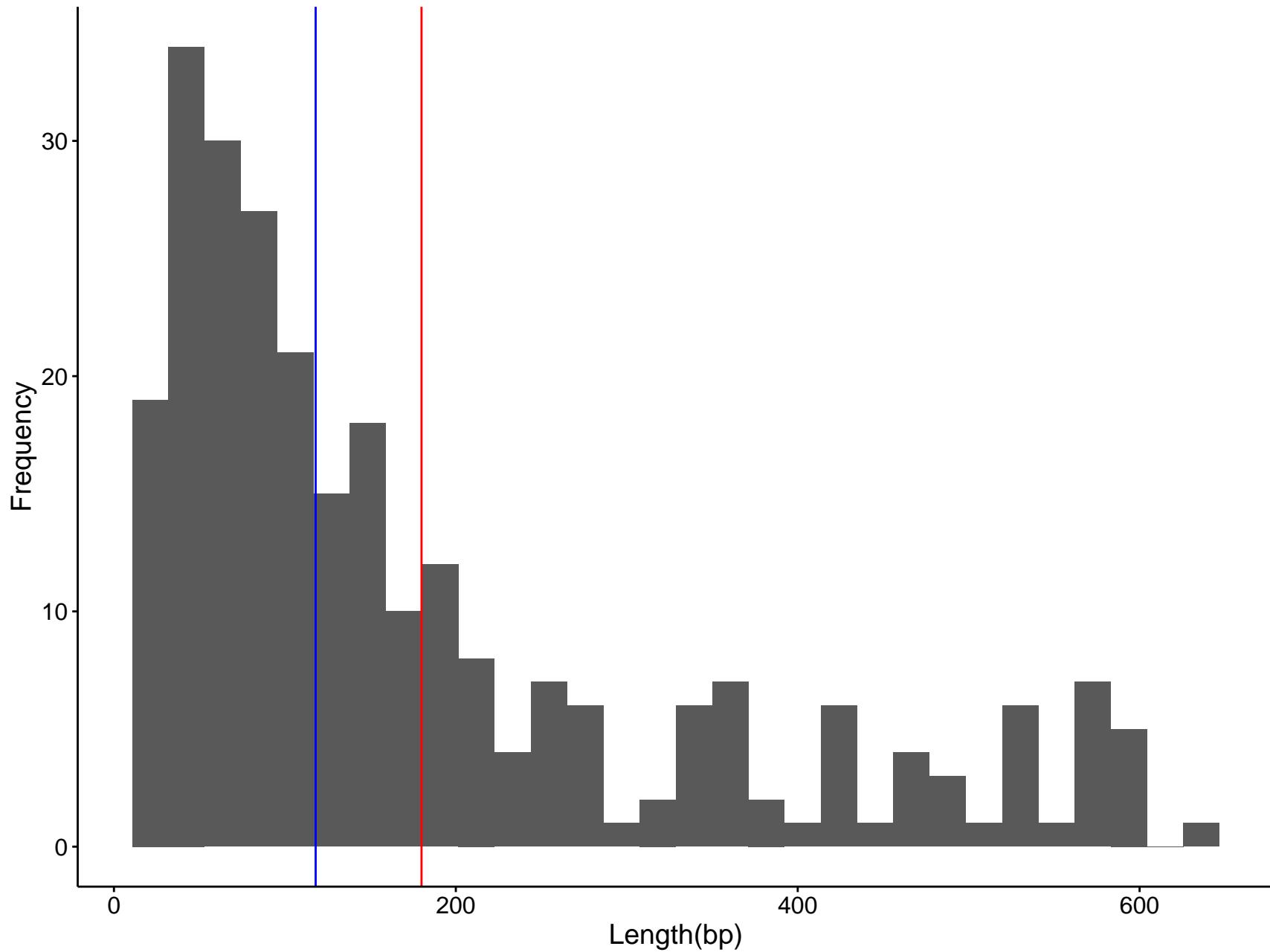
Cluster329



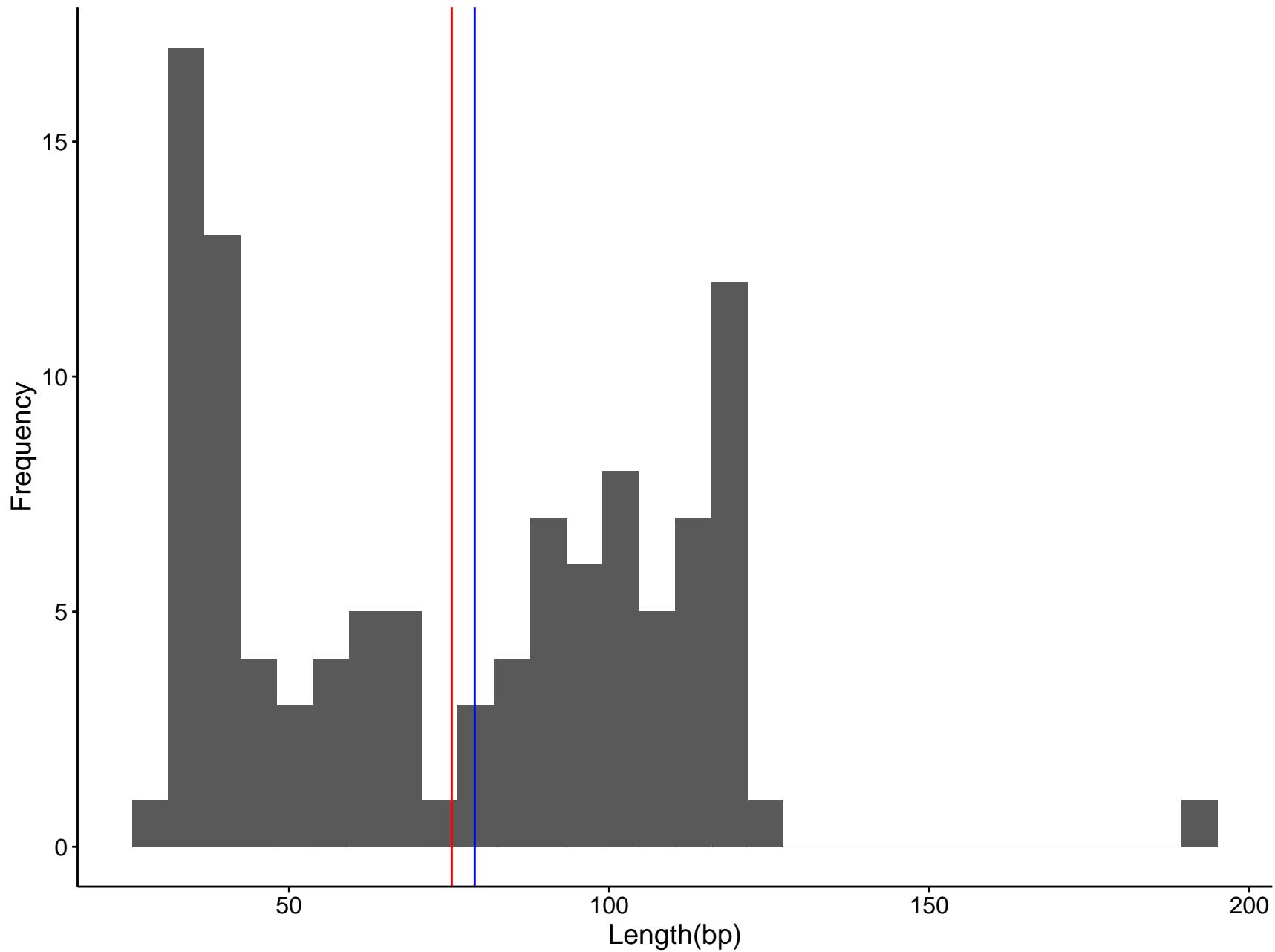
Cluster32



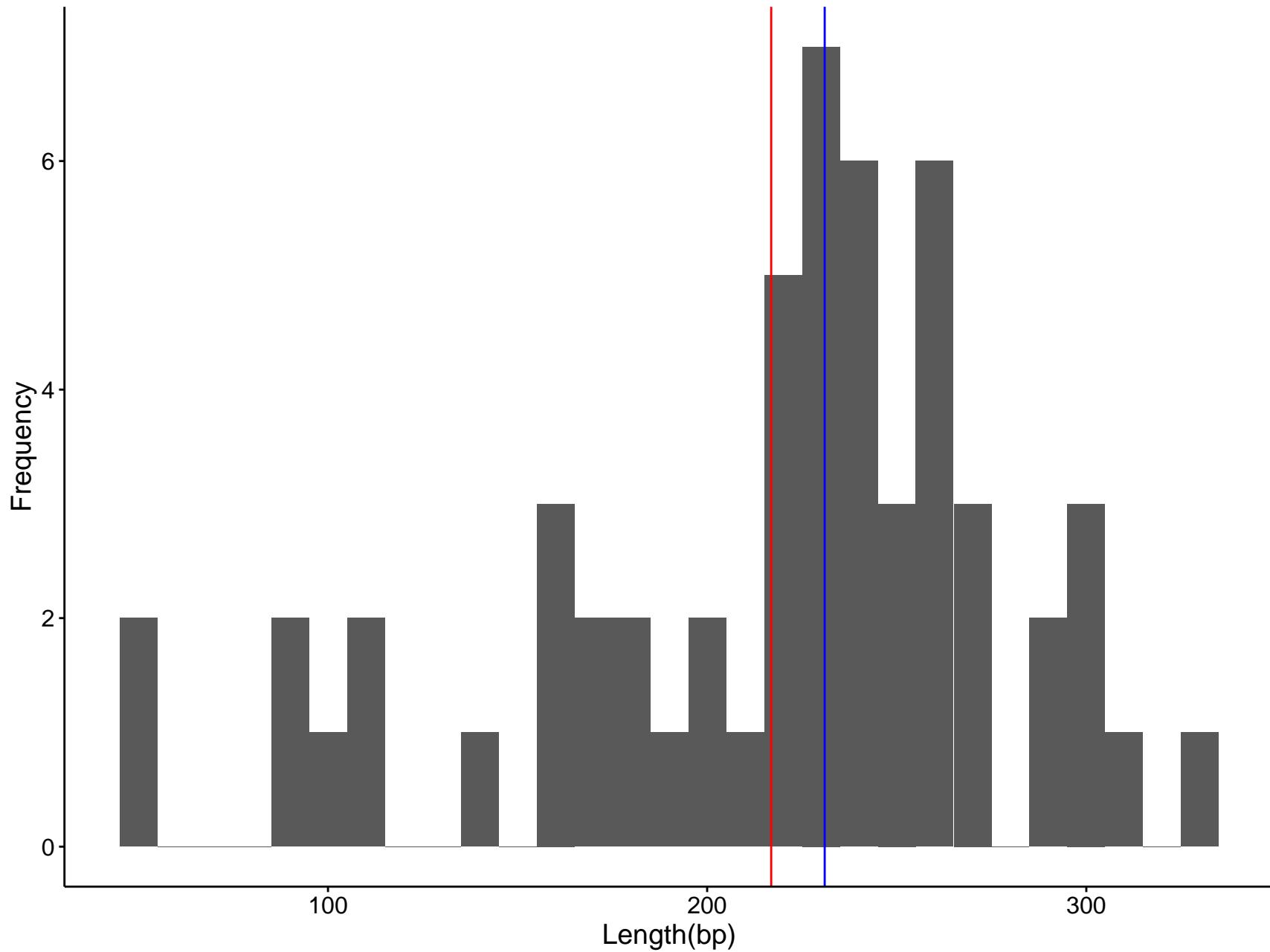
Cluster330



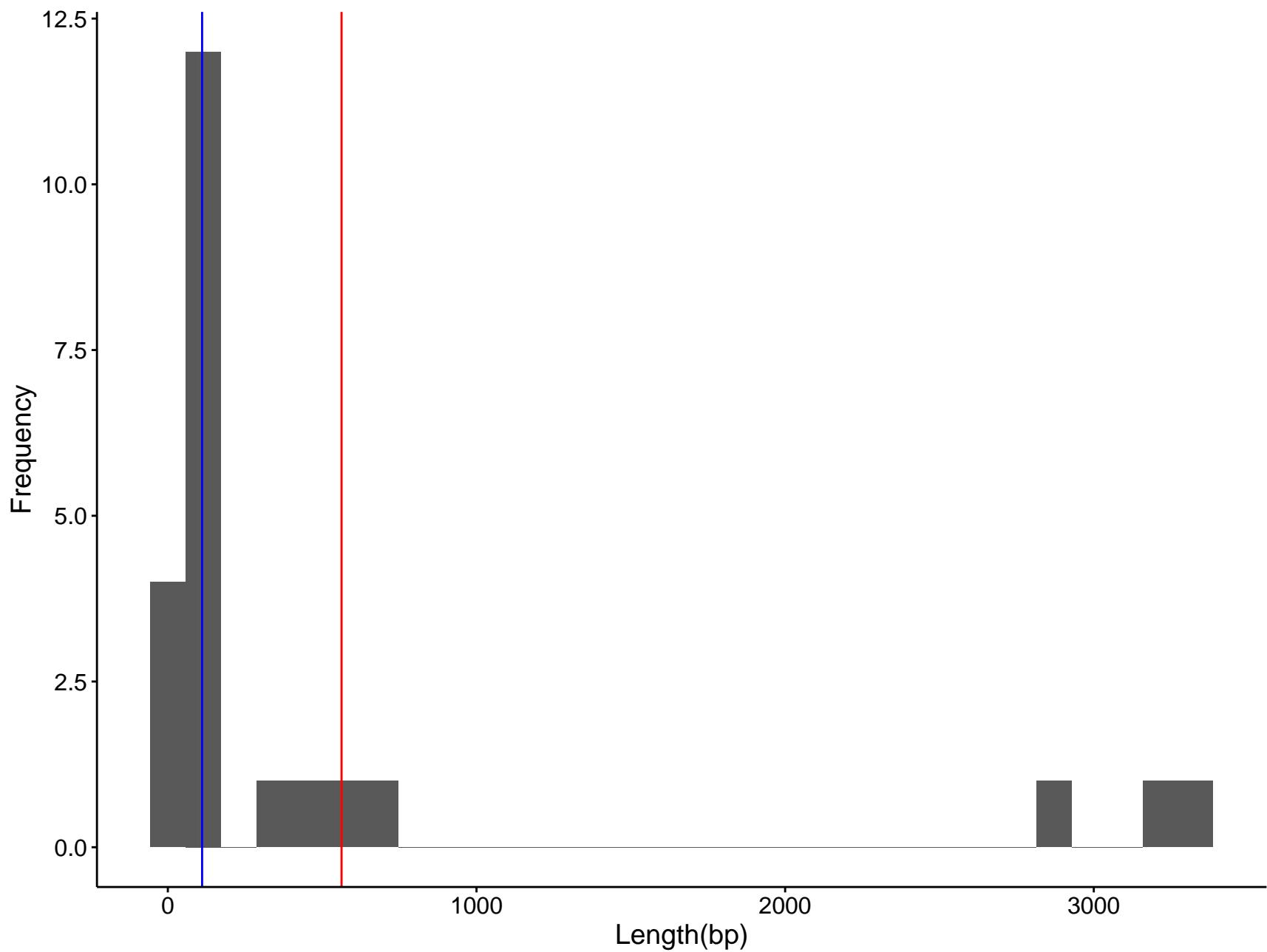
Cluster331



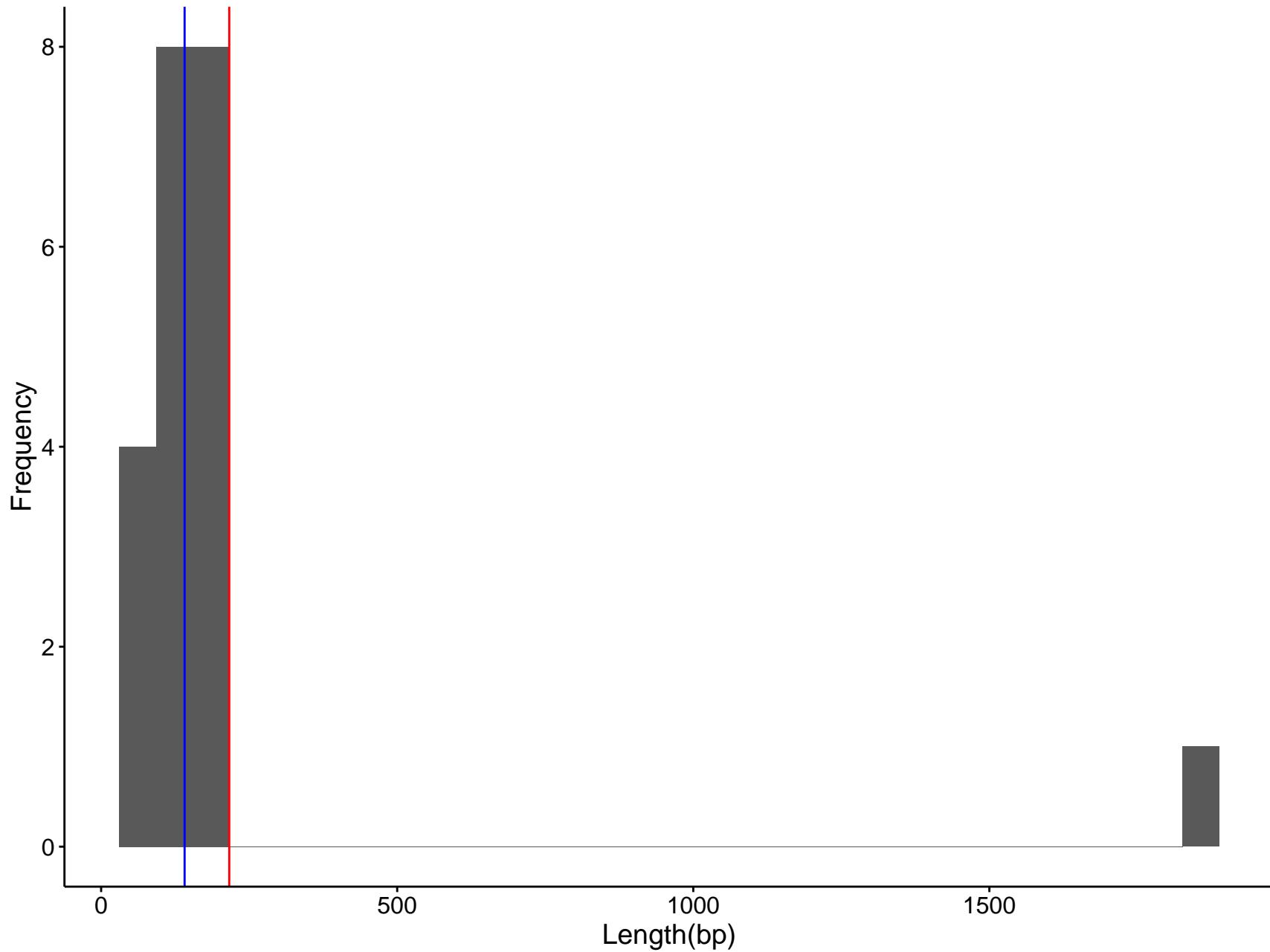
Cluster332



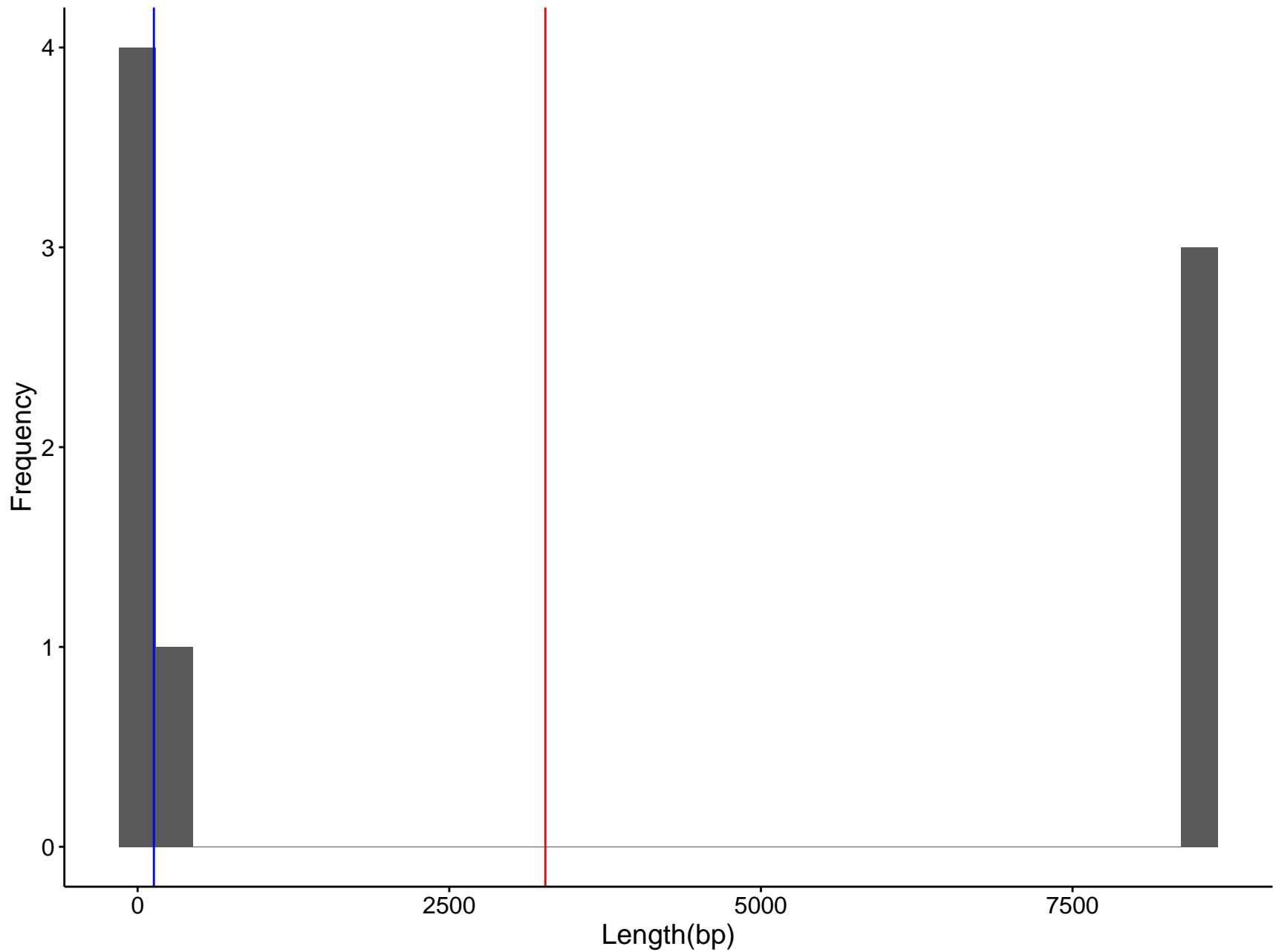
Cluster333



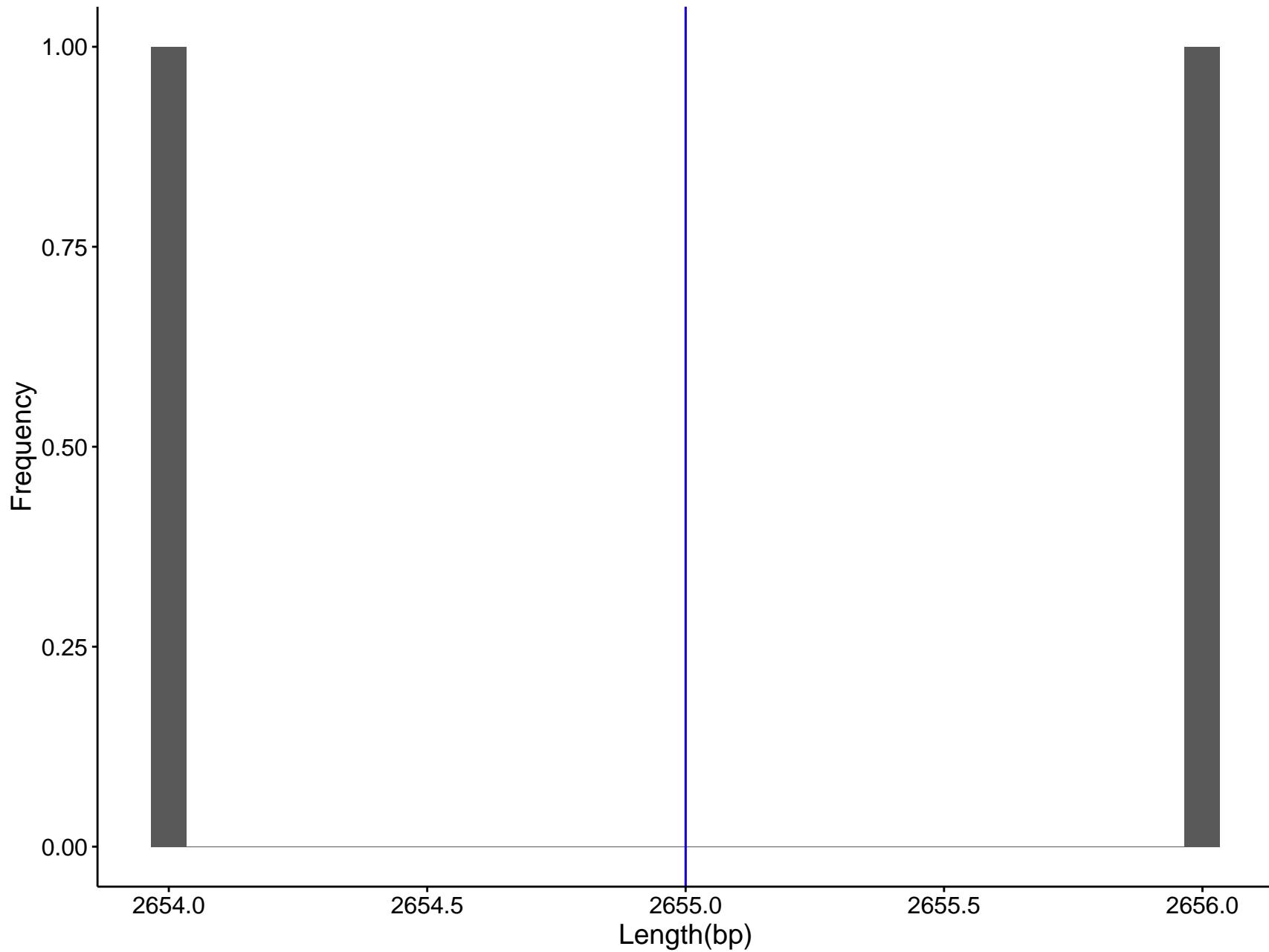
Cluster335



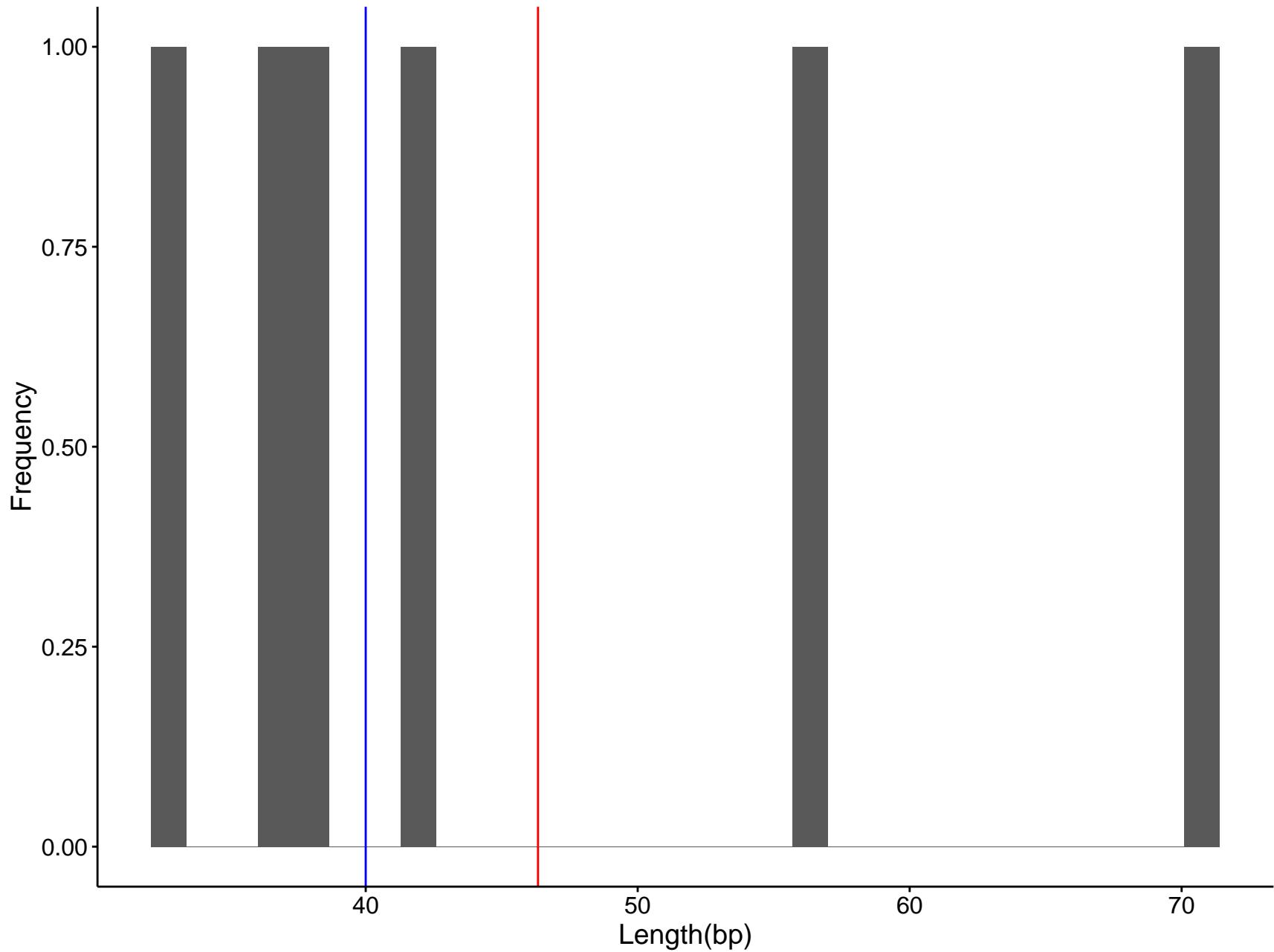
Cluster336



Cluster337



Cluster33



Cluster340

Frequency

321.950

321.975

322.000

322.025

Length(bp)



Cluster341

Frequency

188.950

188.975

189.000

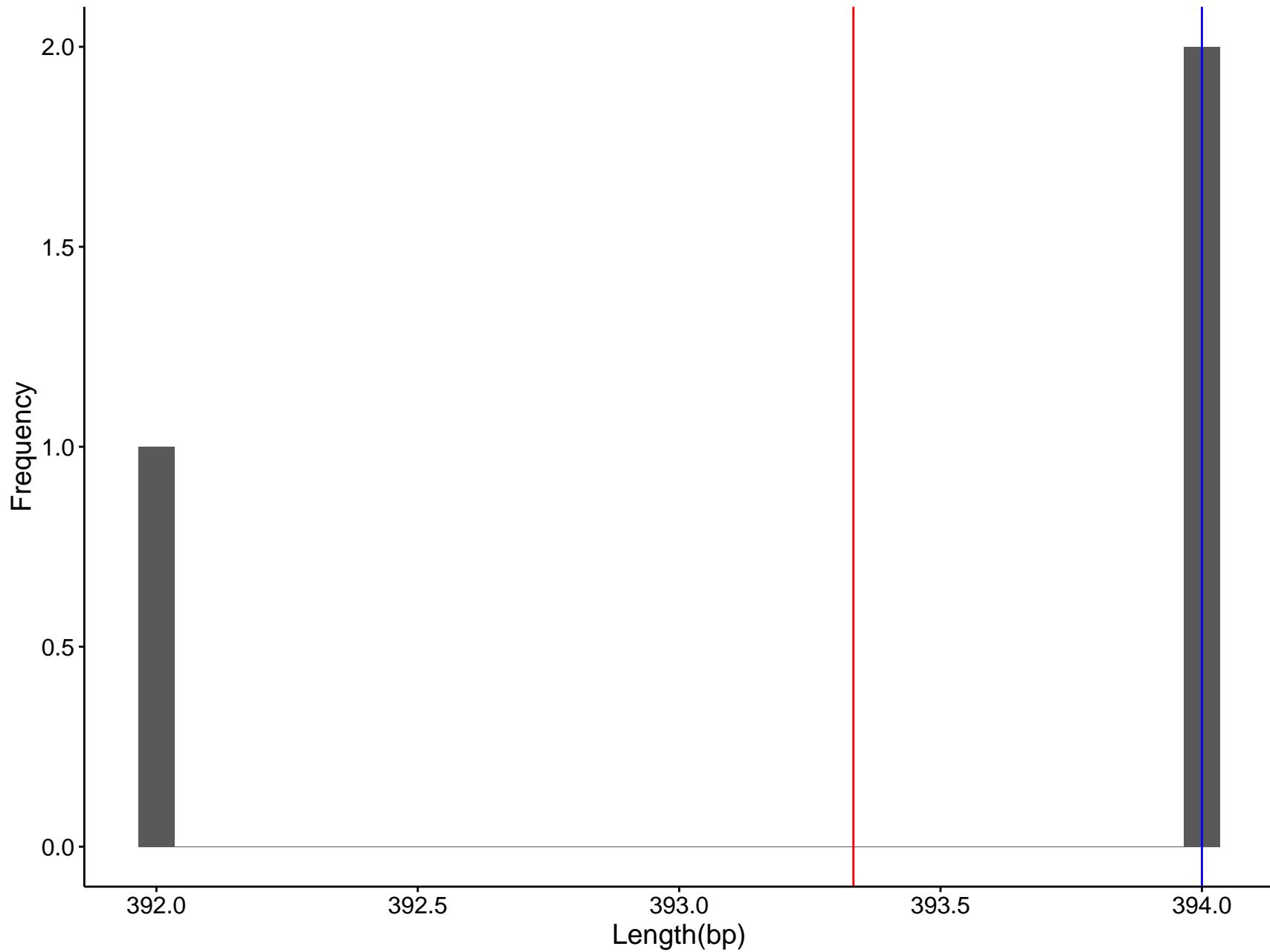
189.025

189.050

Length(bp)



Cluster345



Cluster346

Frequency

405.950

405.975

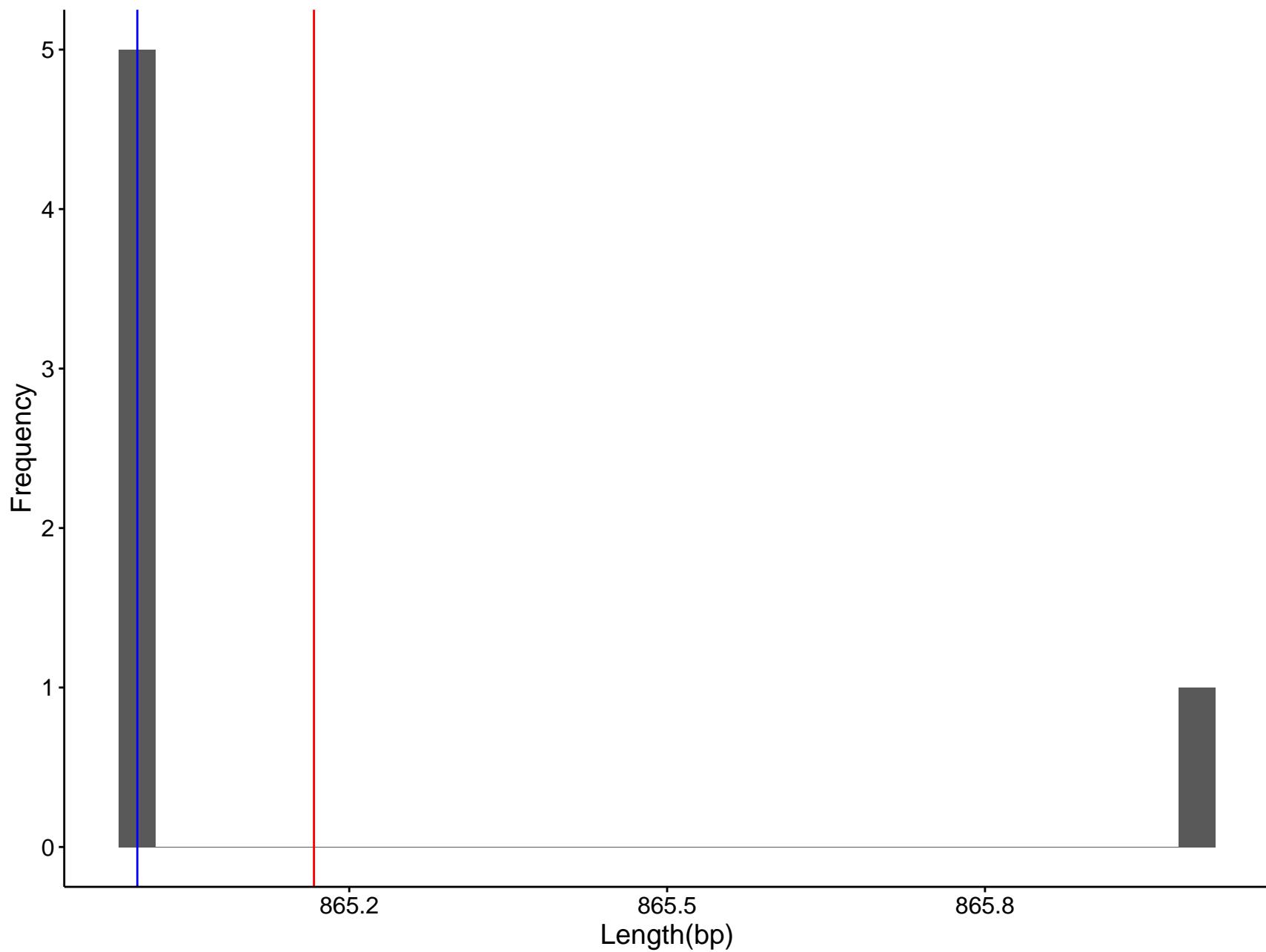
406.000

406.025

Length(bp)

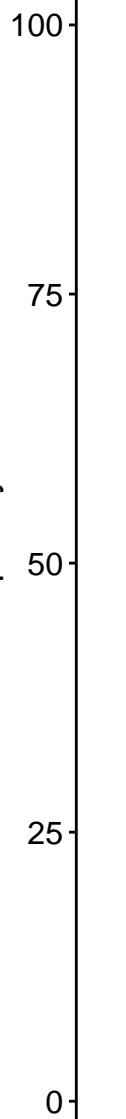


Cluster349



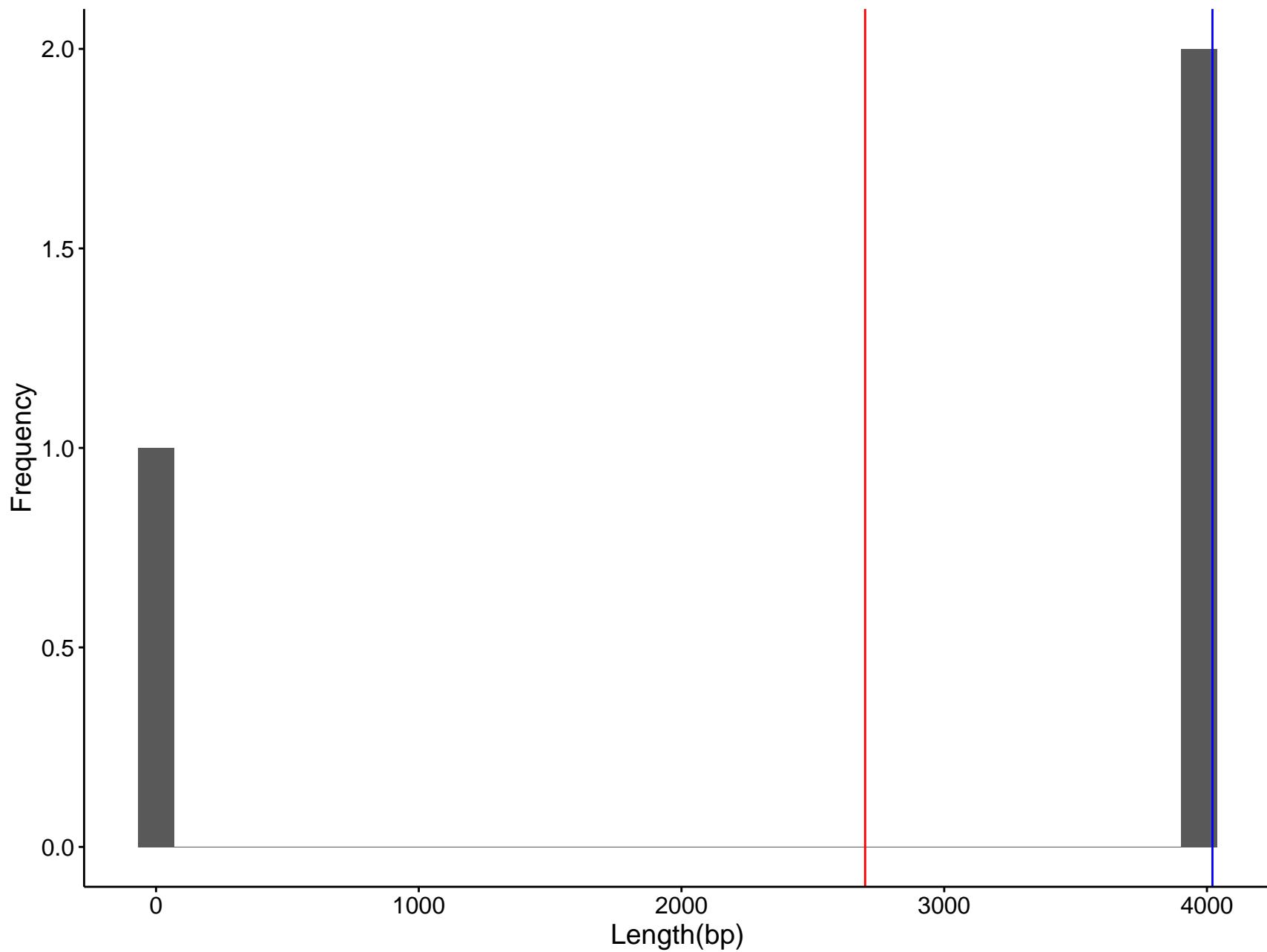
Cluster34

Frequency



Length(bp)

Cluster352



Cluster353

Frequency

621.950

621.975

622.000

622.025

Length(bp)



Cluster354

Frequency

351.950

351.975

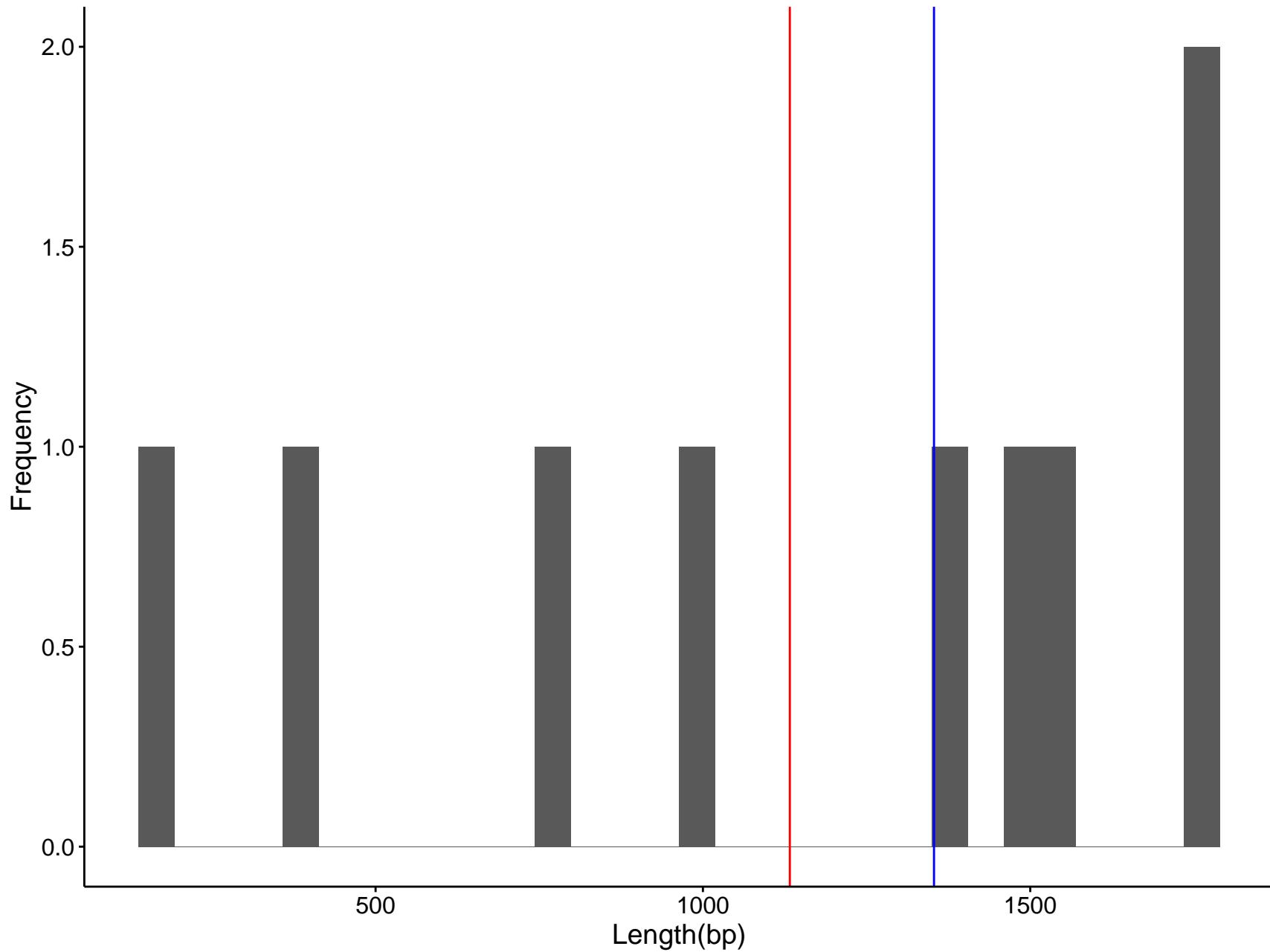
352.000

352.025

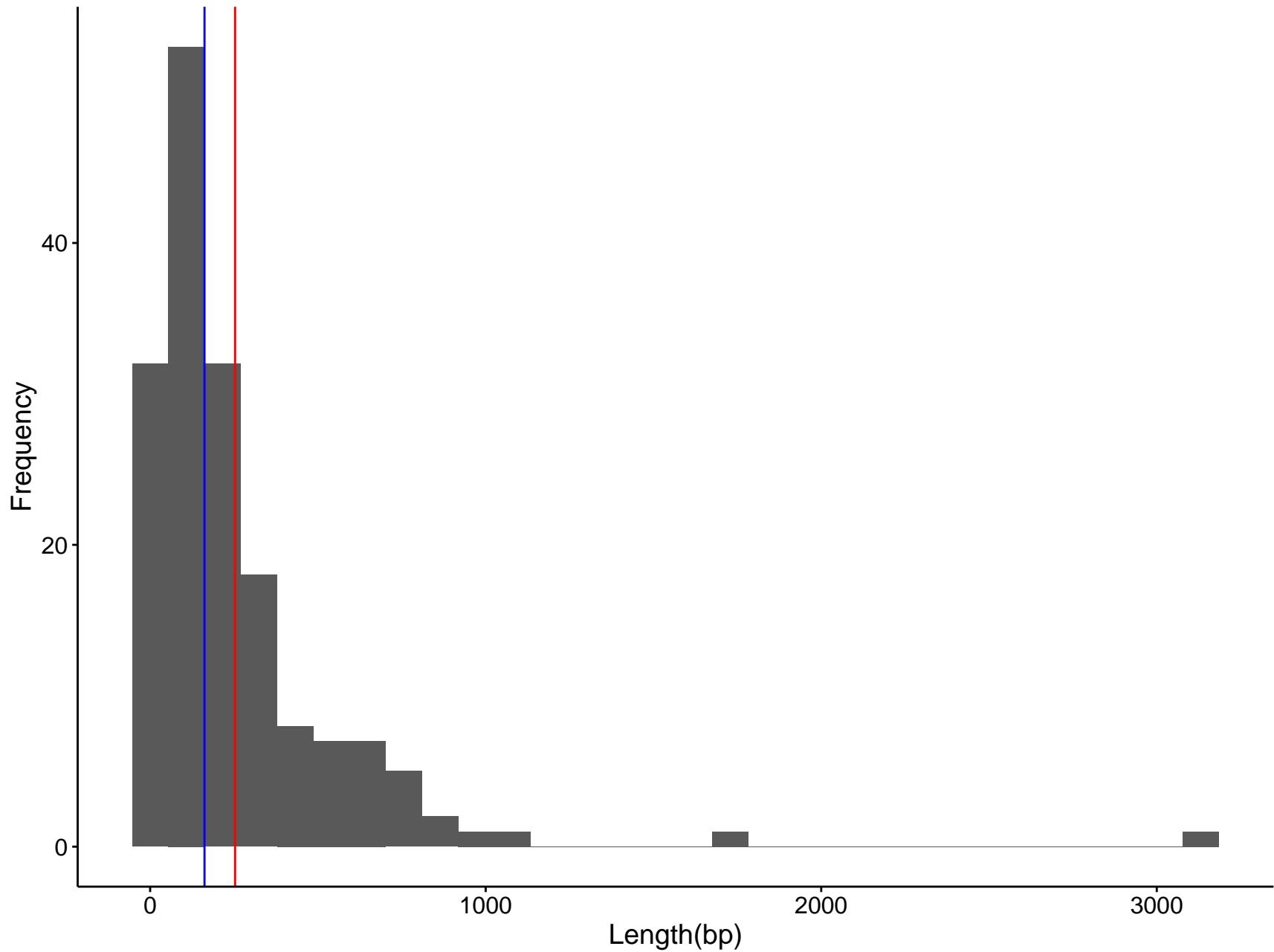
Length(bp)



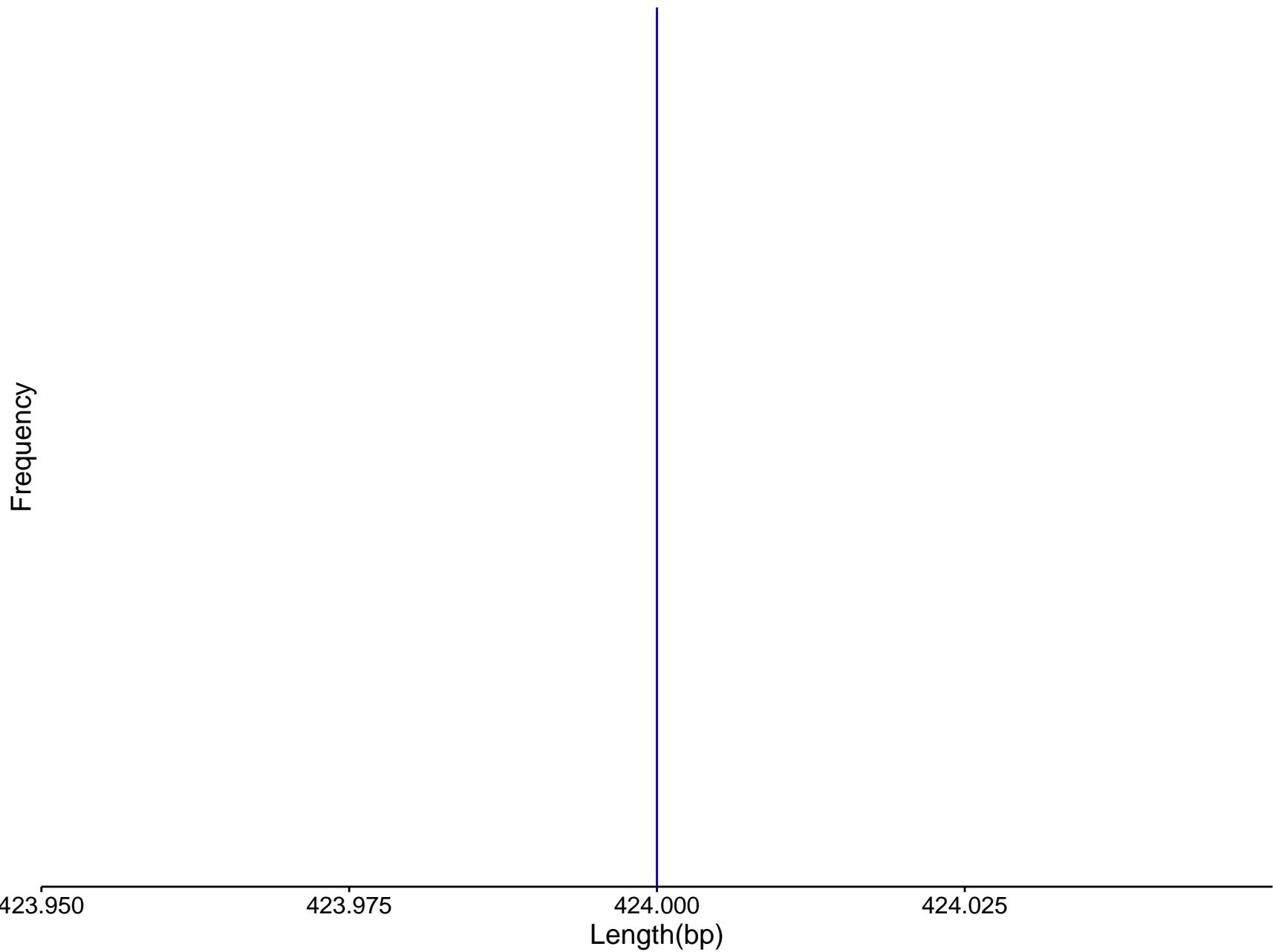
Cluster355



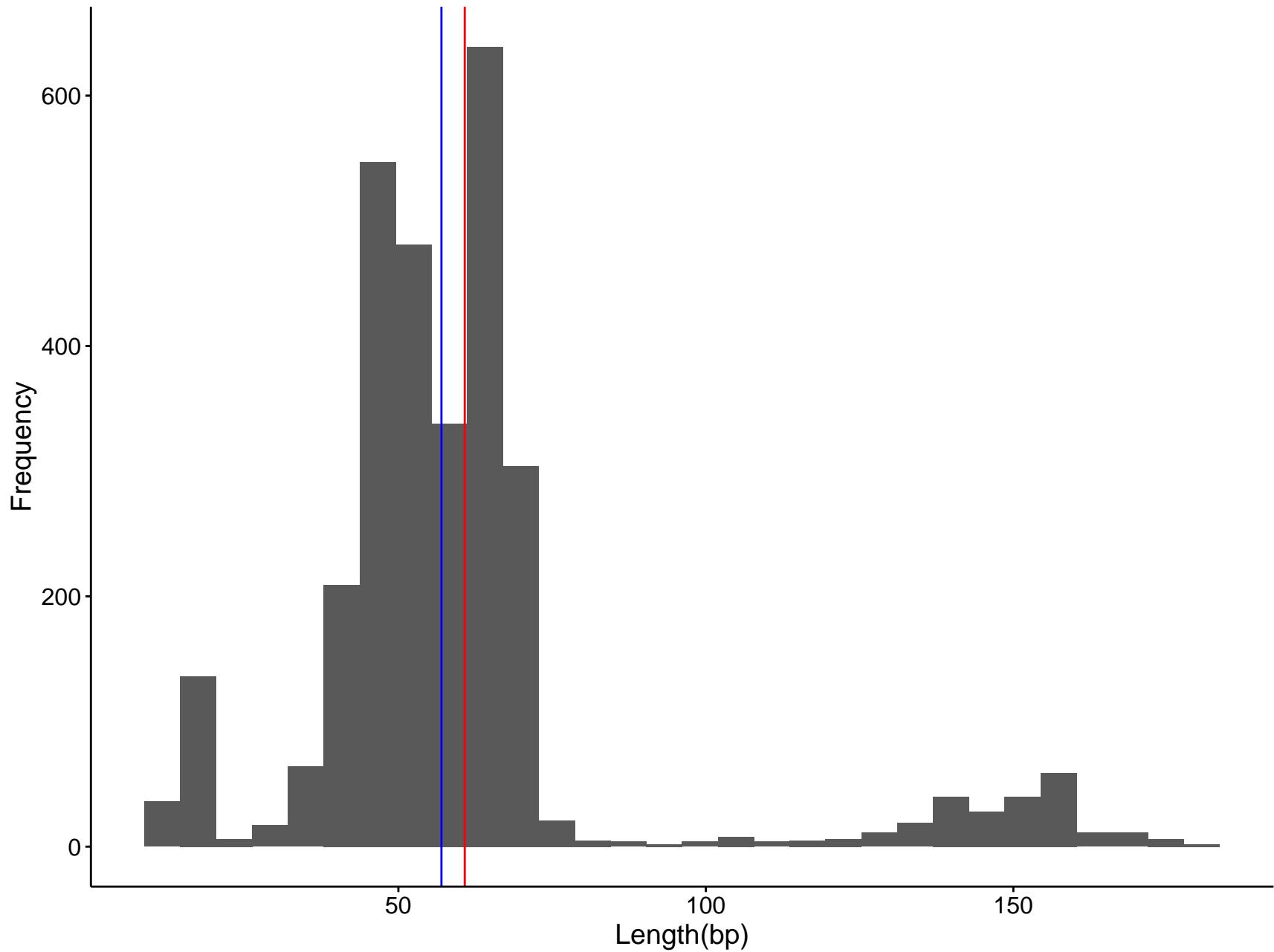
Cluster358



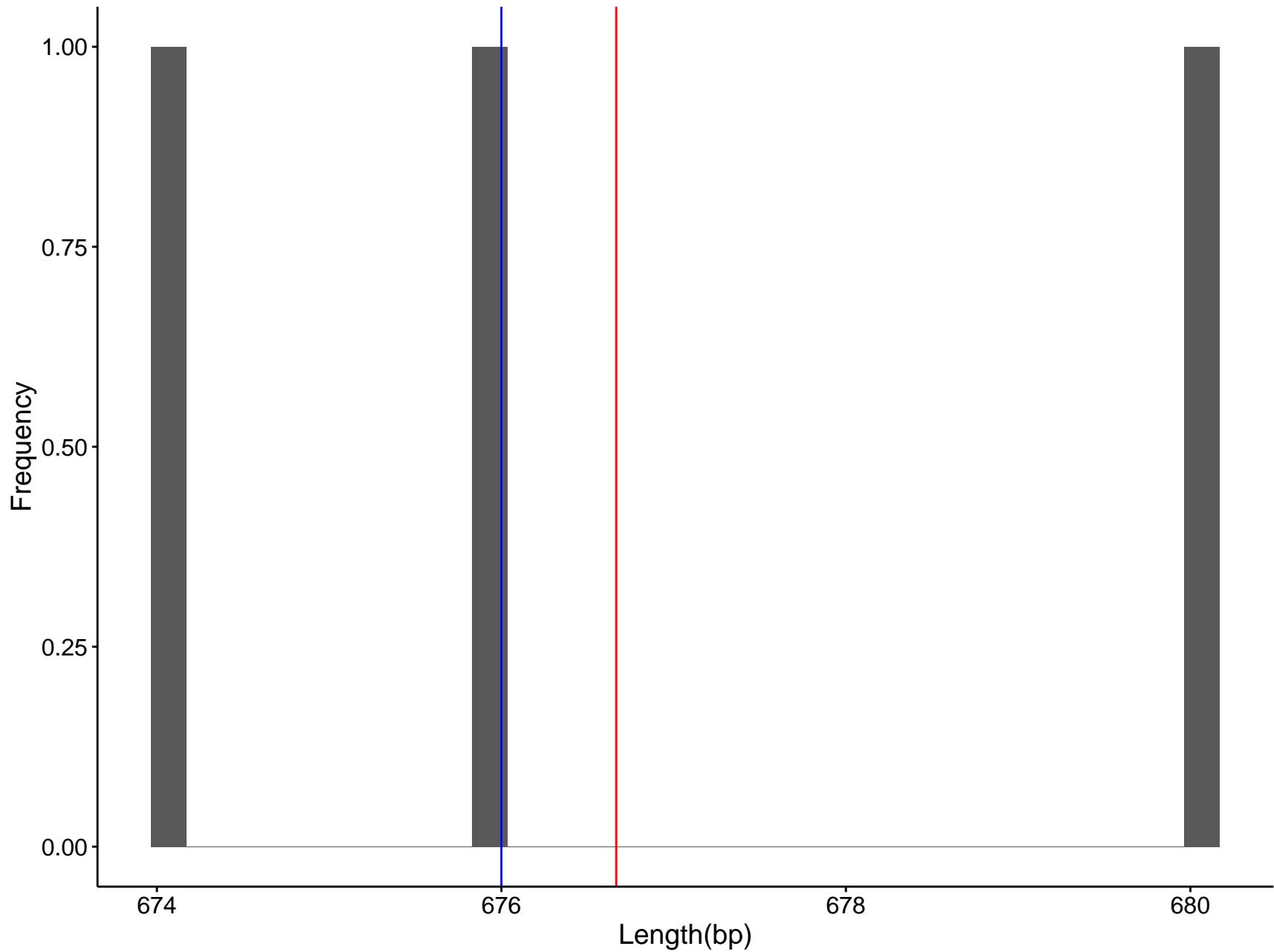
Cluster359



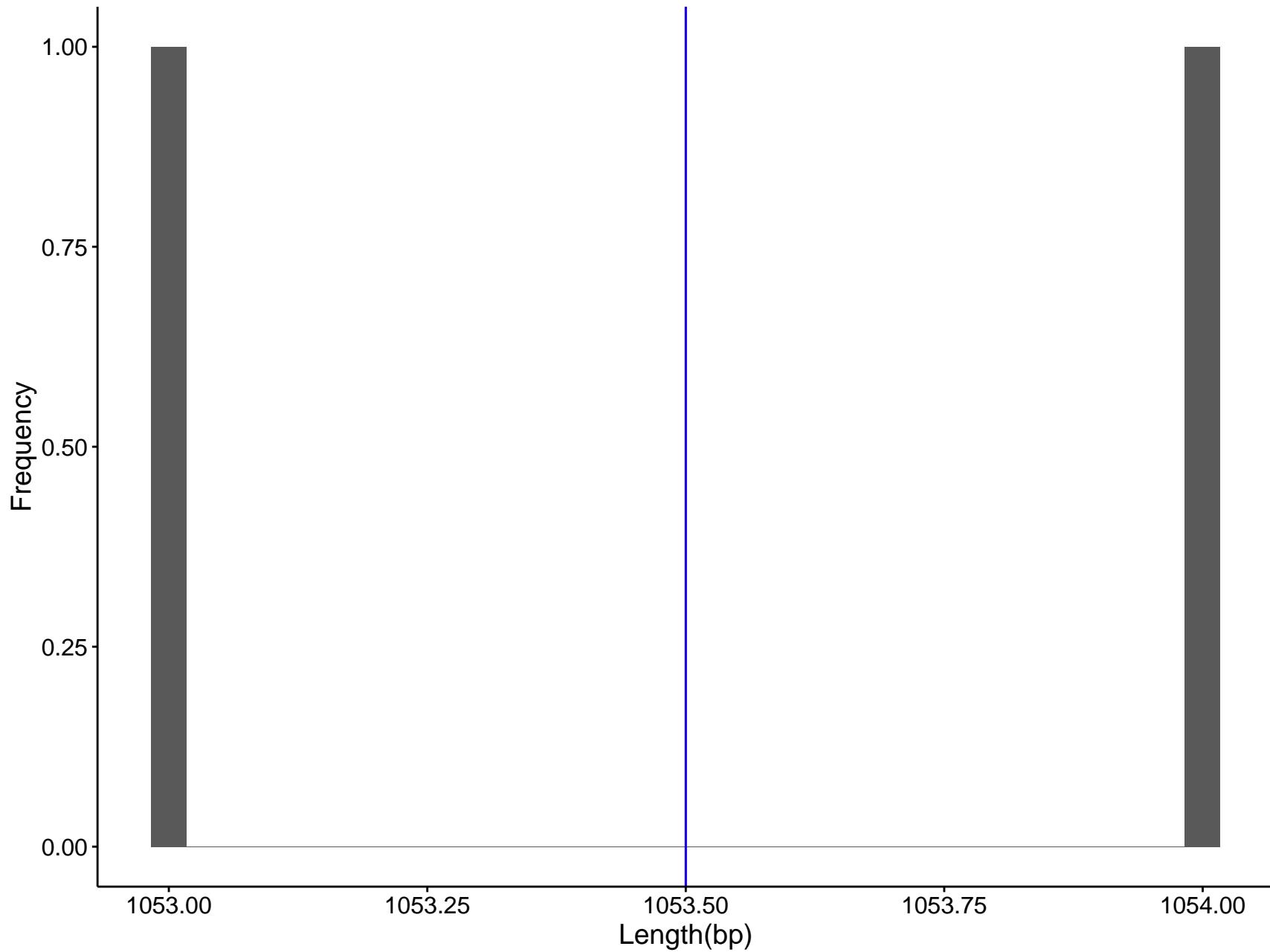
Cluster35



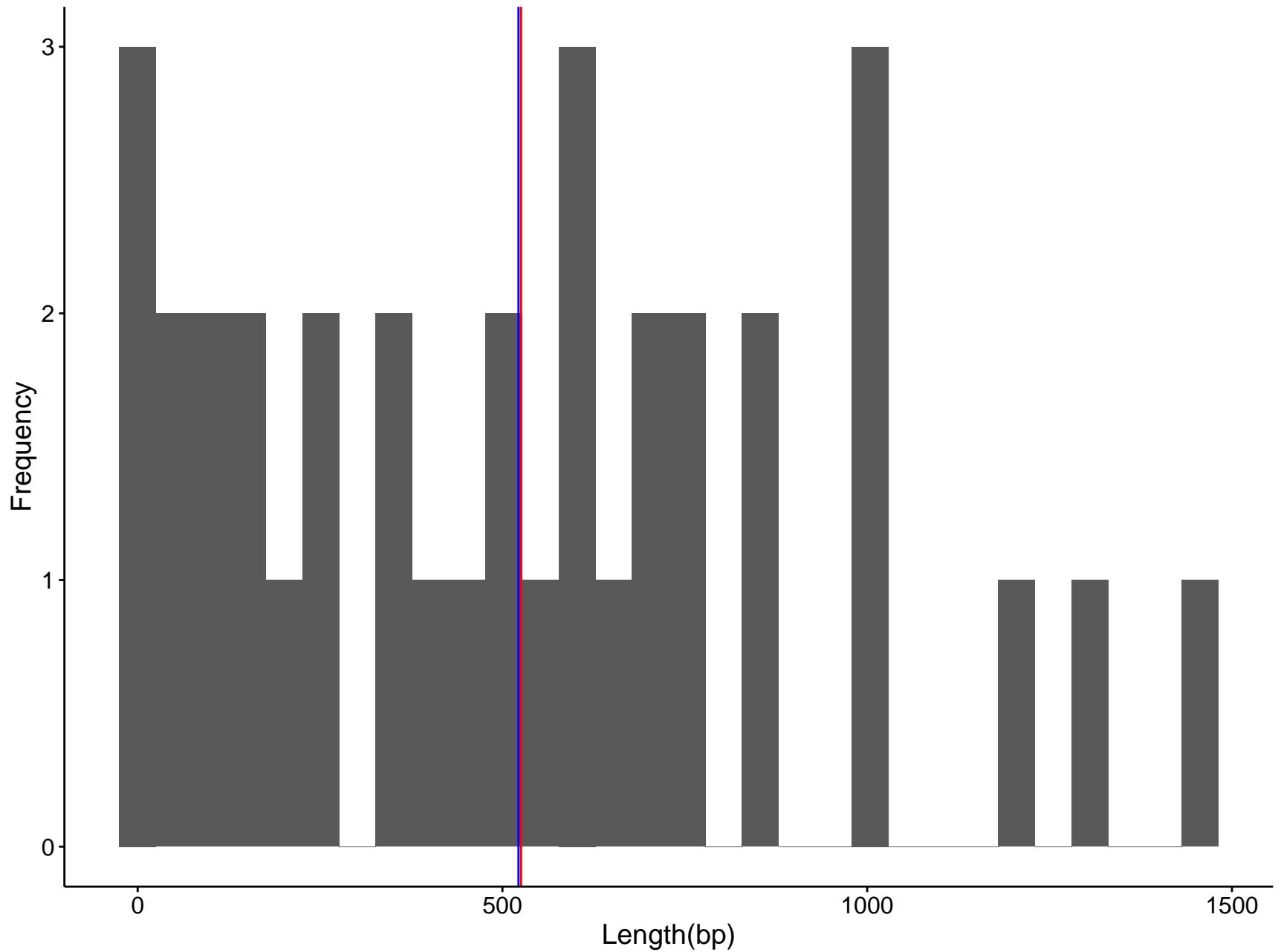
Cluster360



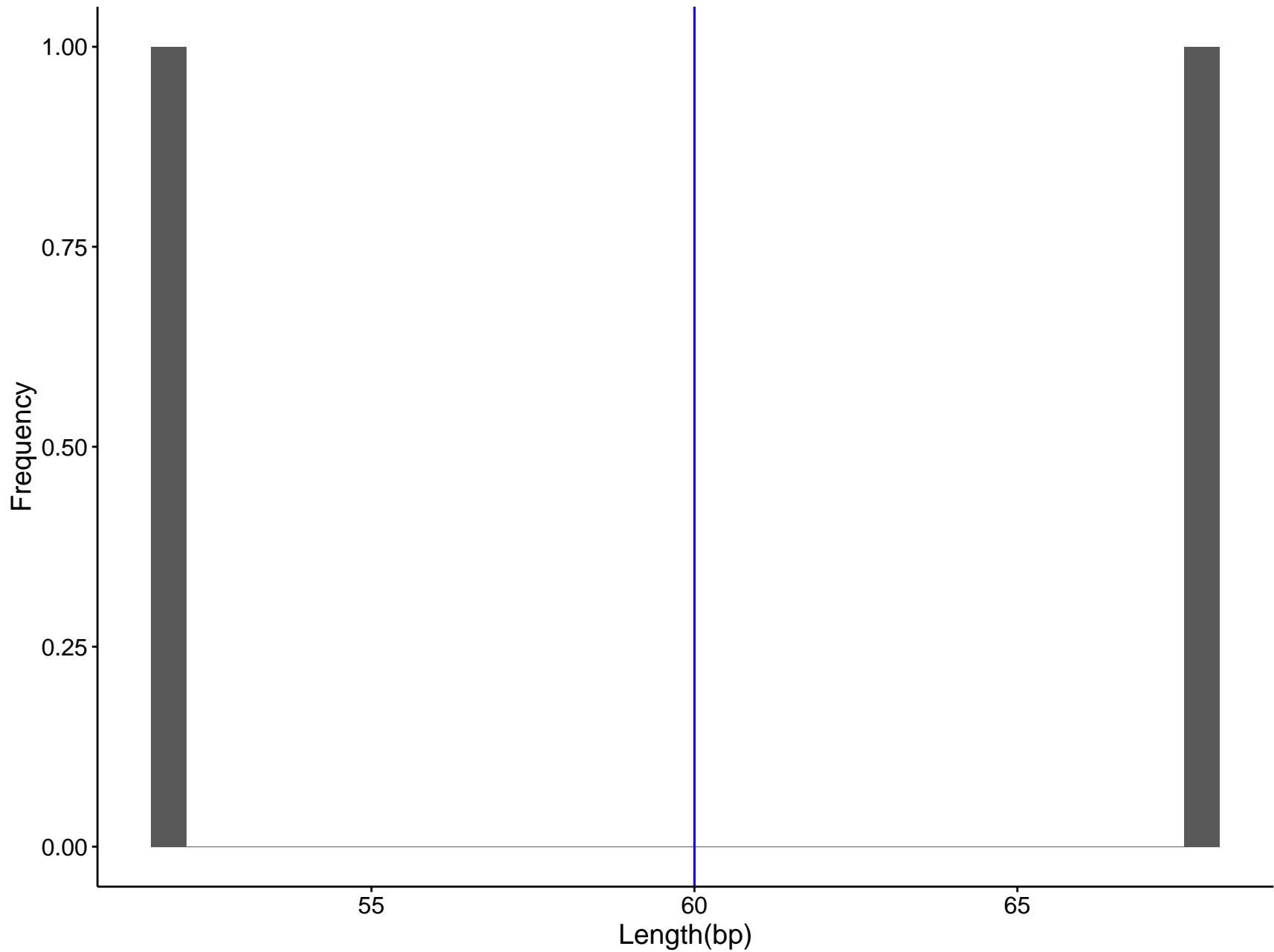
Cluster361



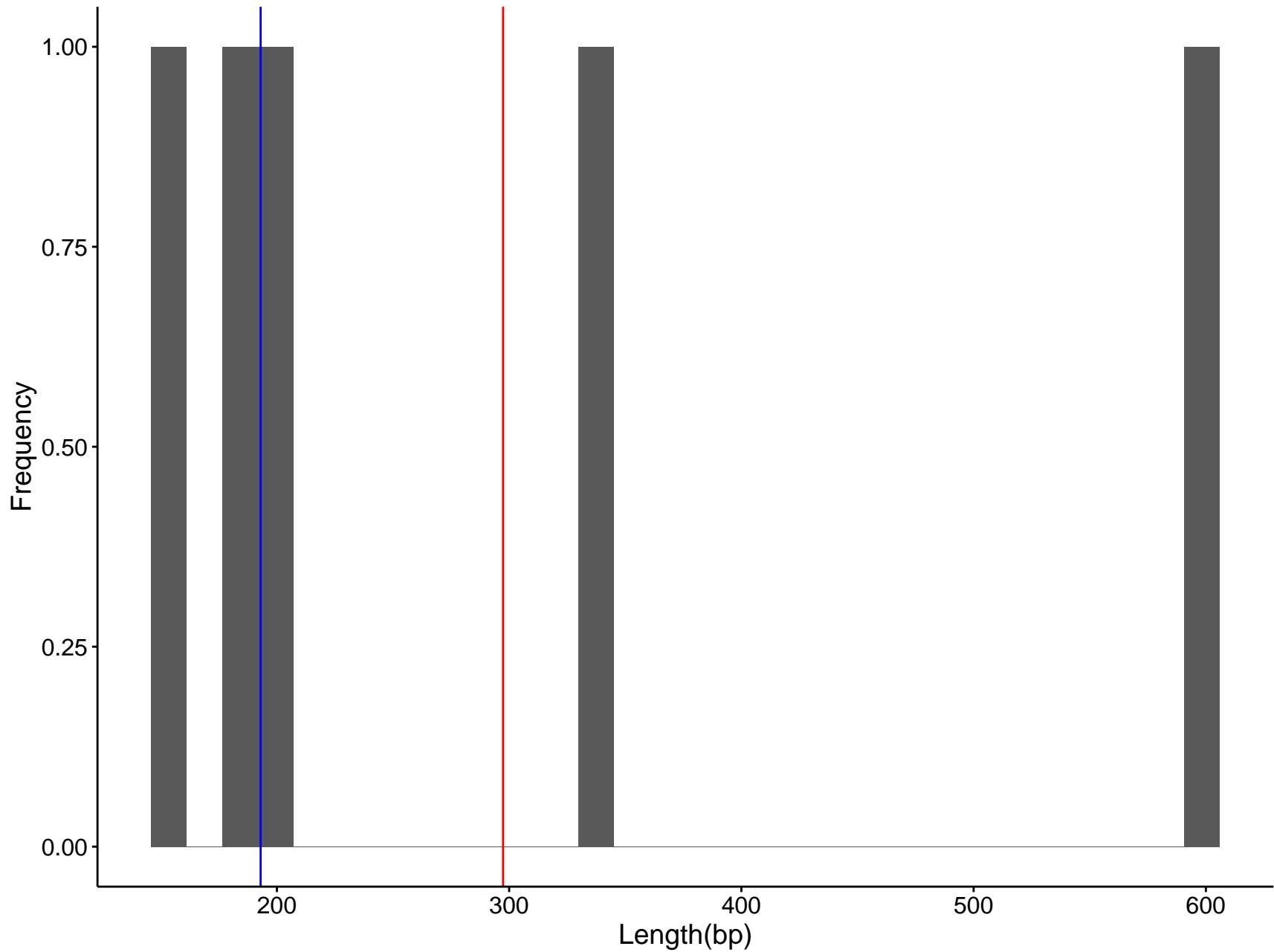
Cluster362



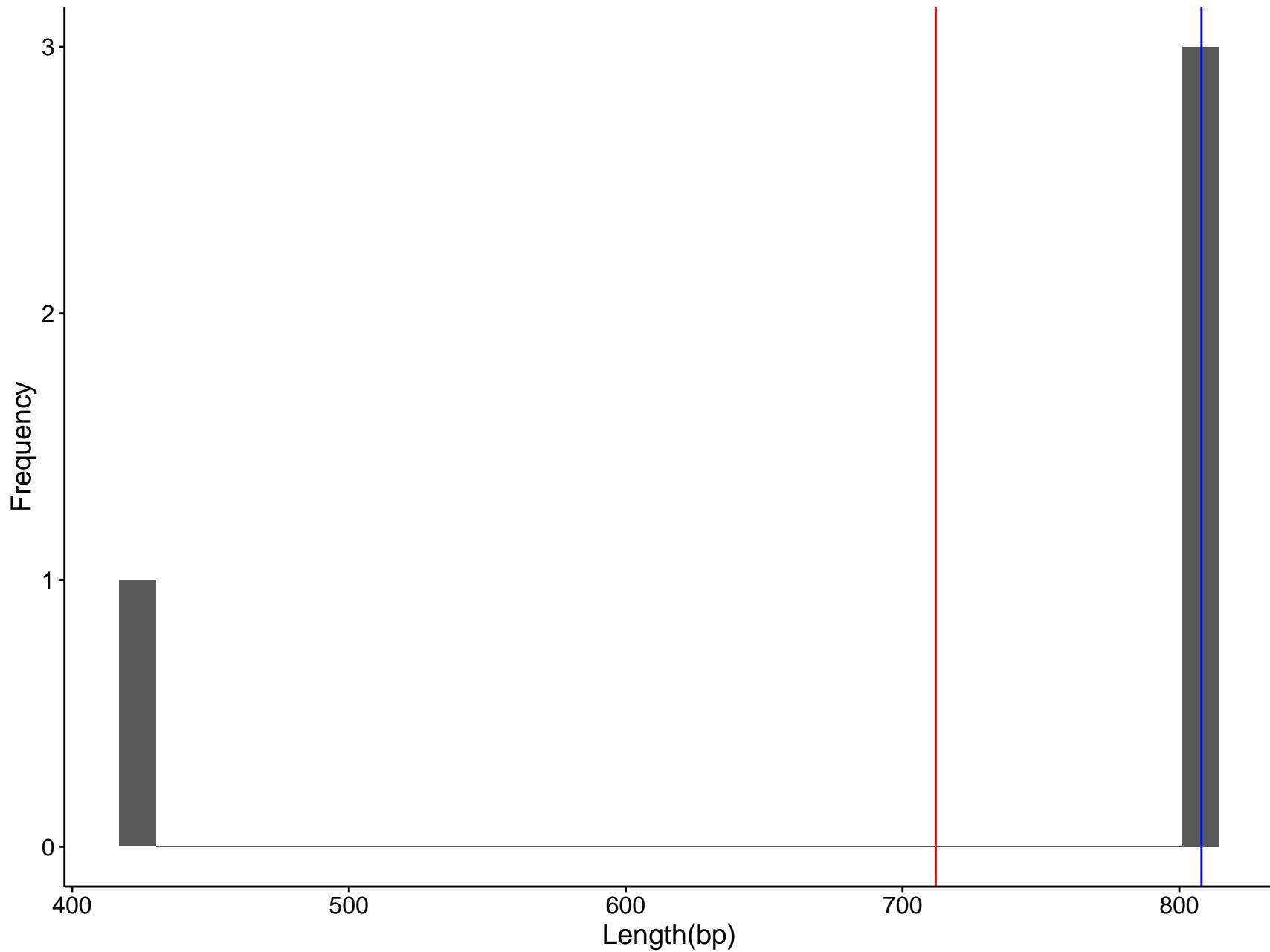
Cluster363



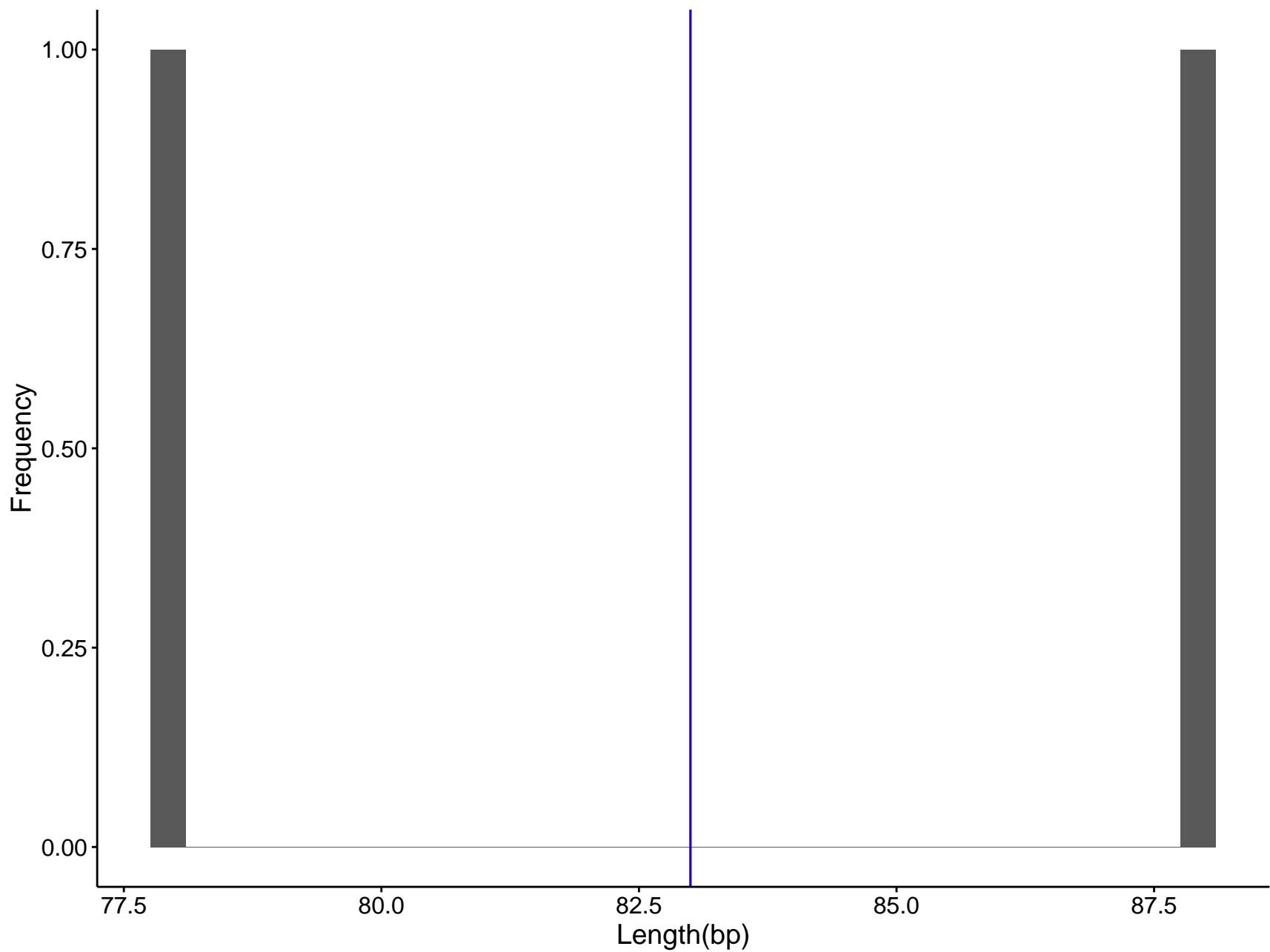
Cluster365



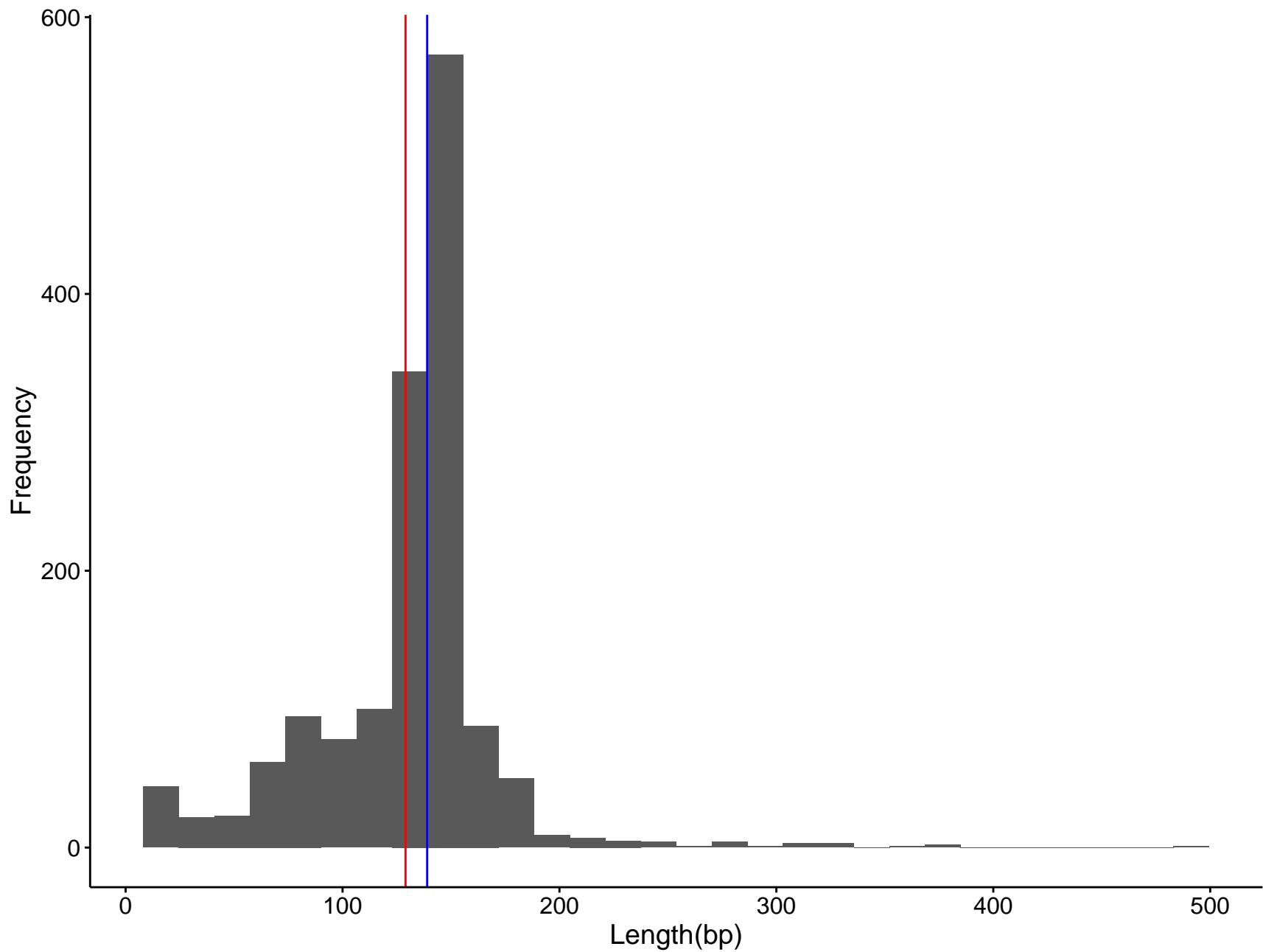
Cluster366



Cluster369



Cluster36



Cluster372

Frequency

135.950

135.975

136.000

136.025

136.050

Length(bp)



Cluster373

Frequency

456.950

456.975

457.000

457.025

Length(bp)



Cluster376

Frequency

46.950

46.975

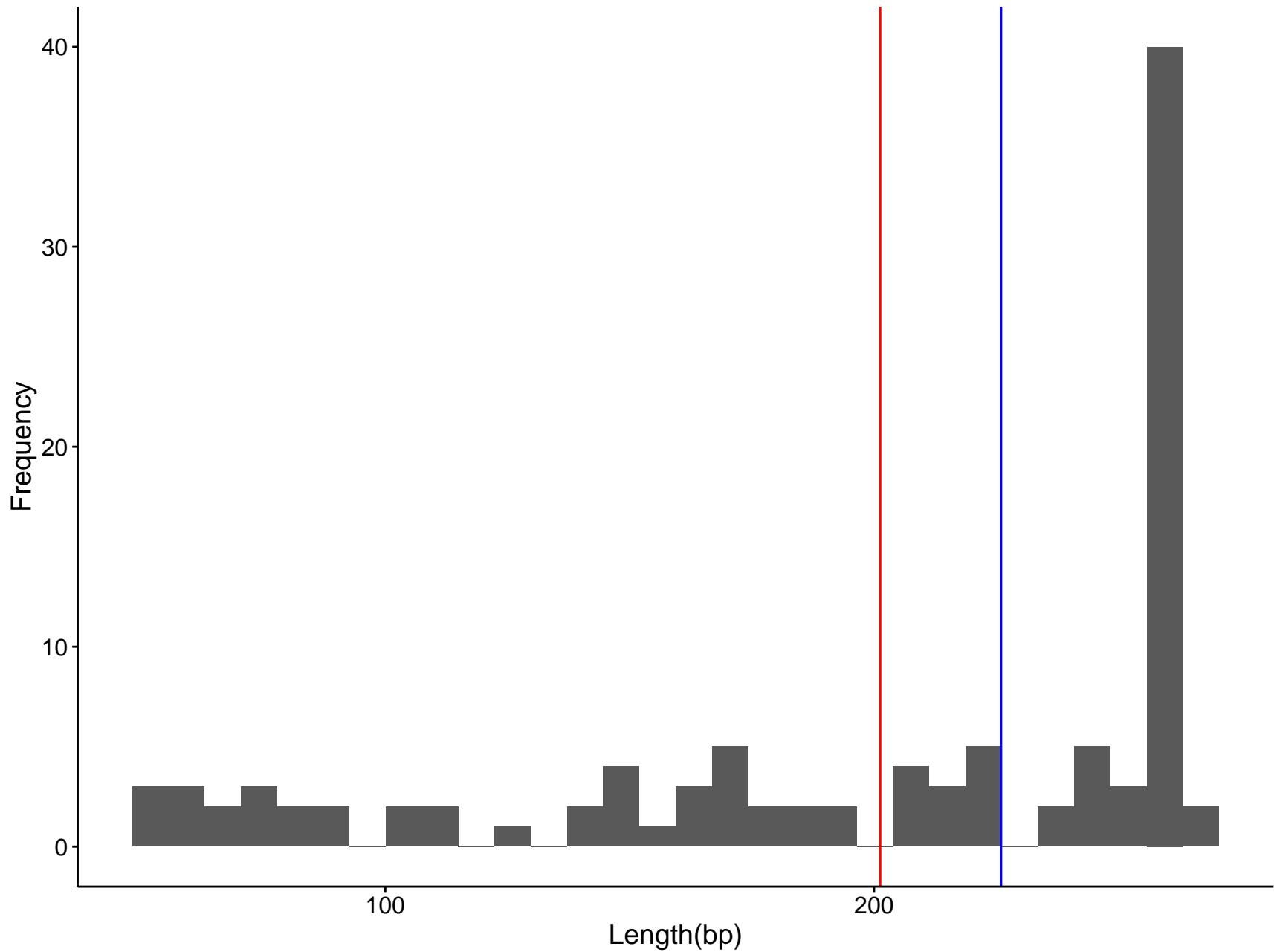
47.000

47.025

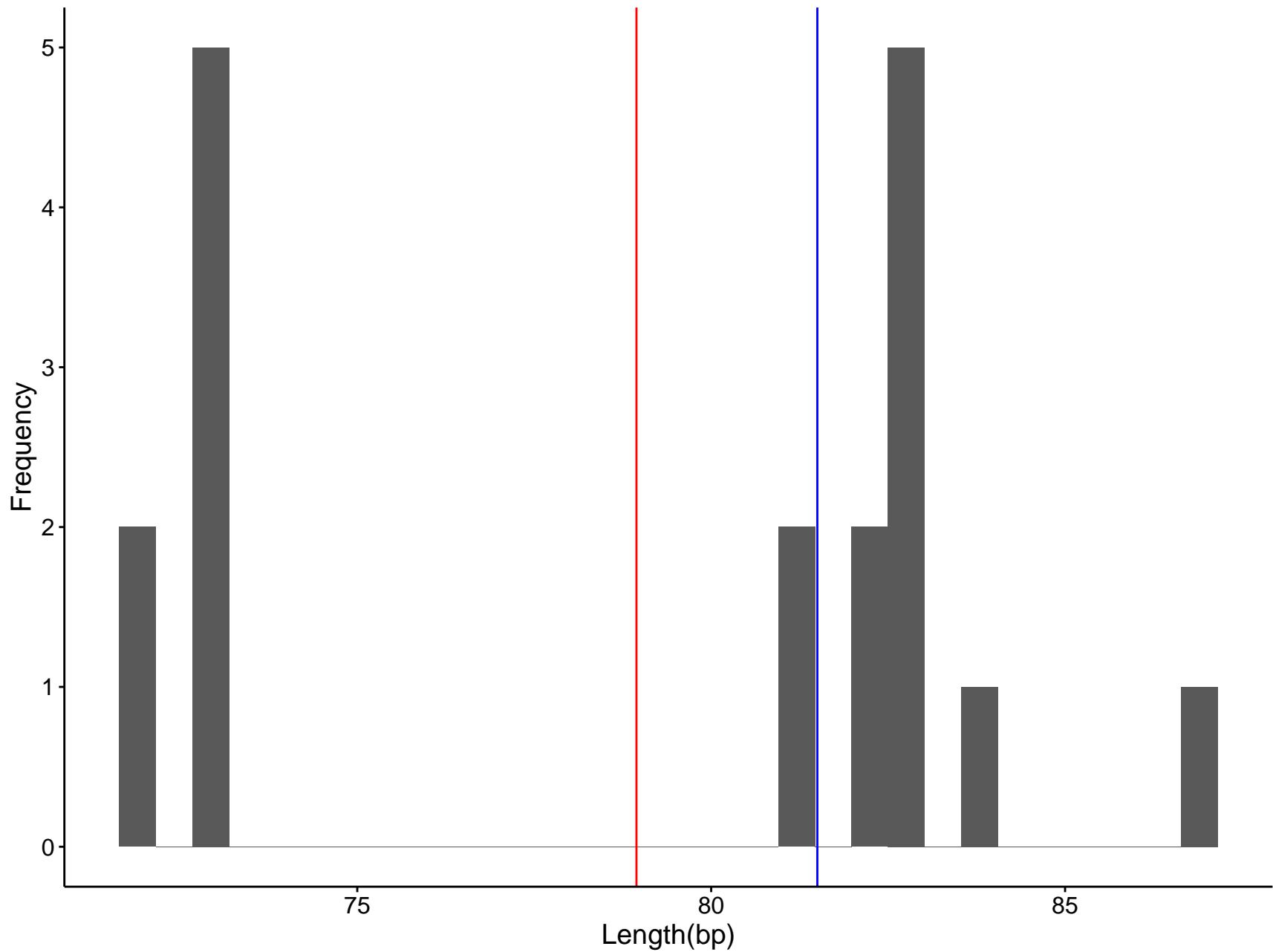
Length(bp)



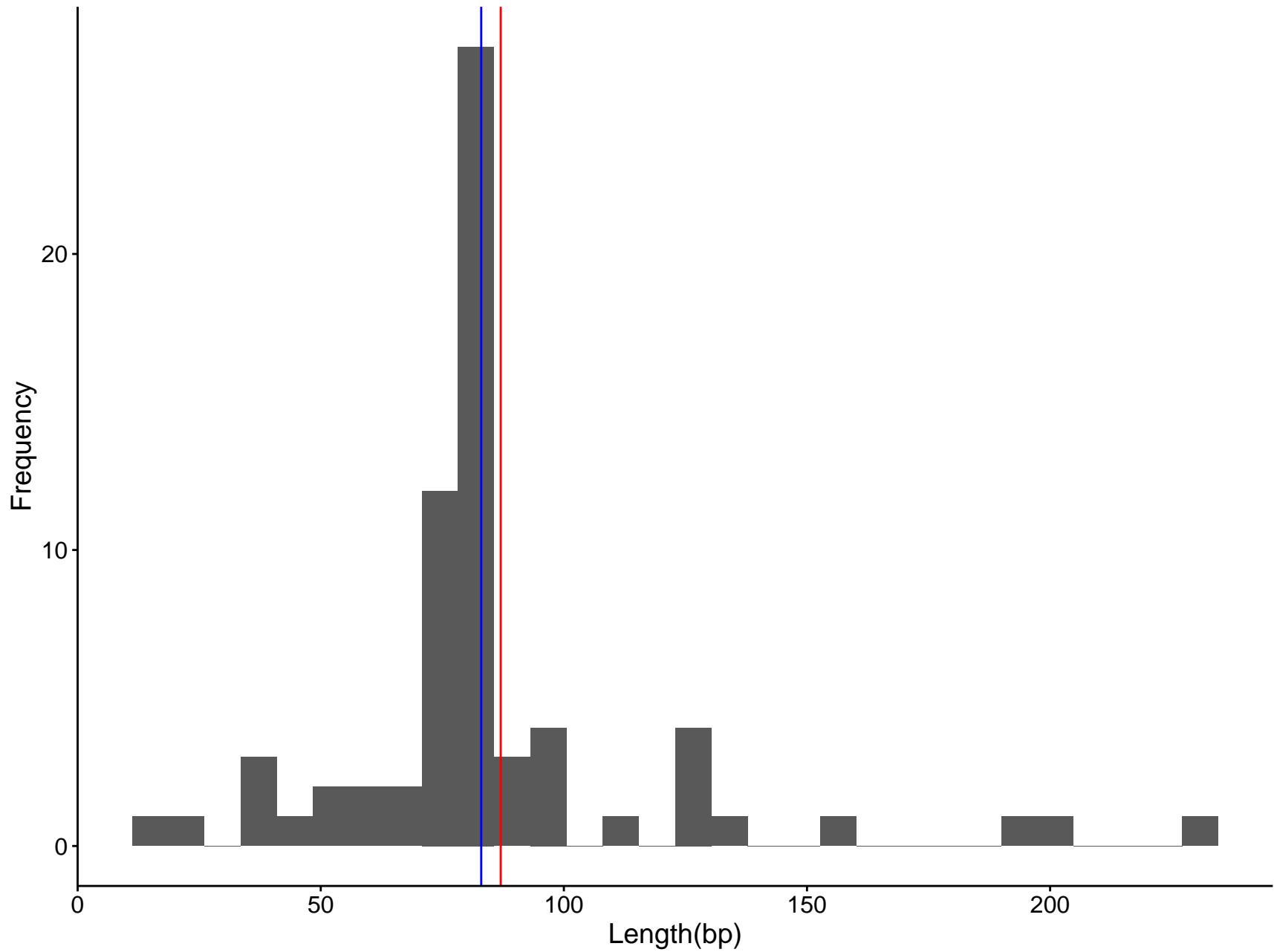
Cluster378



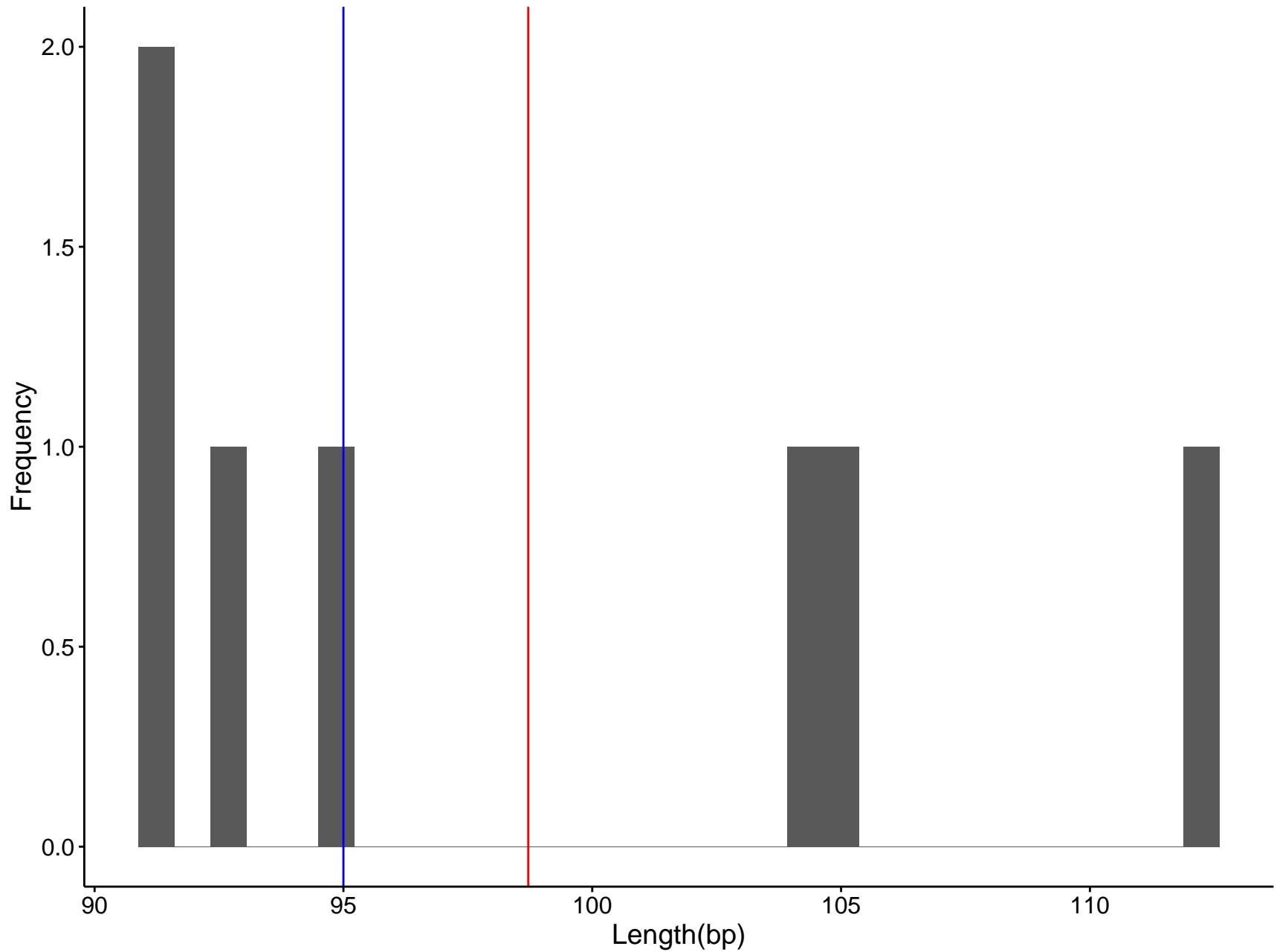
Cluster379



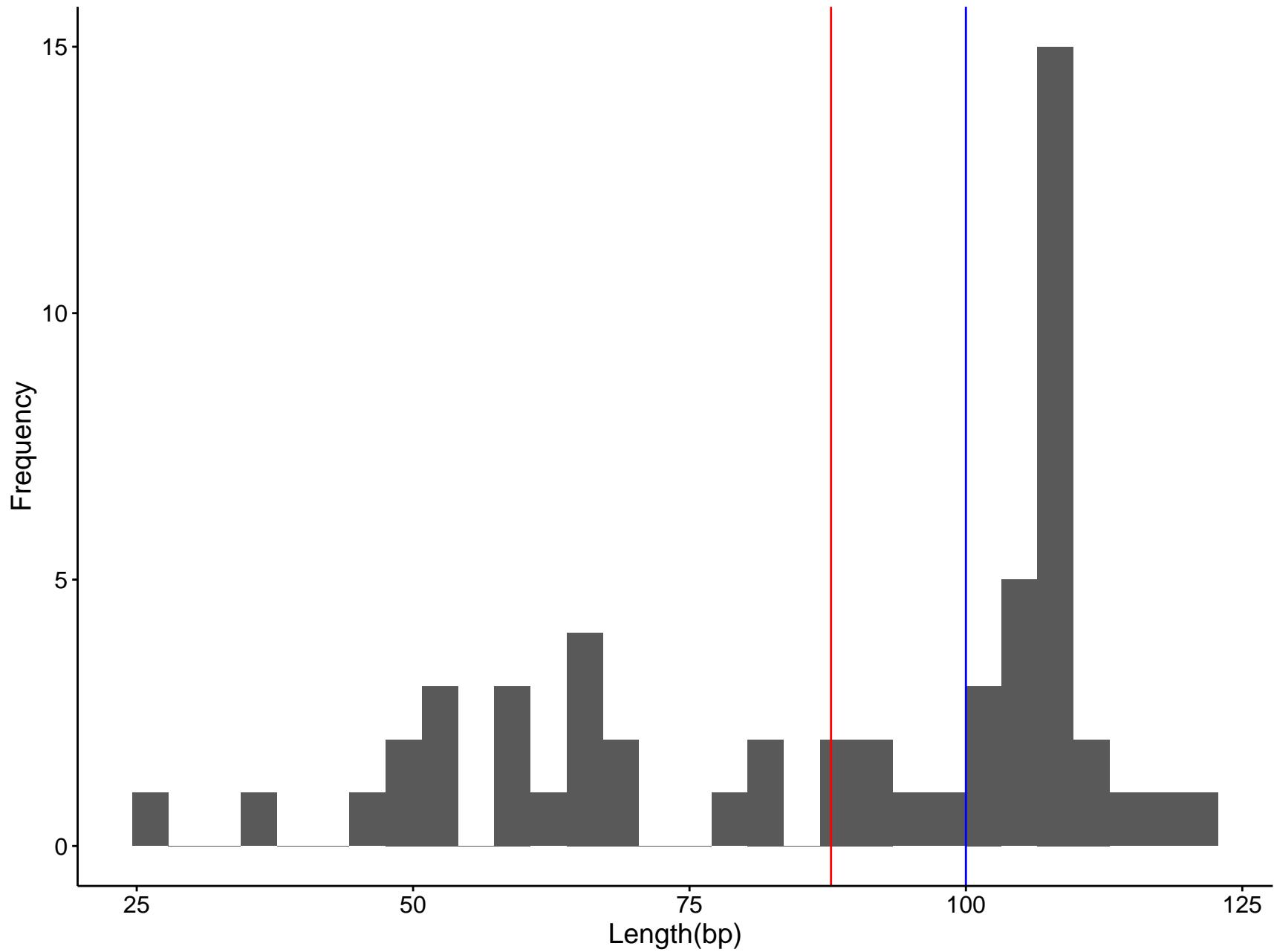
Cluster37



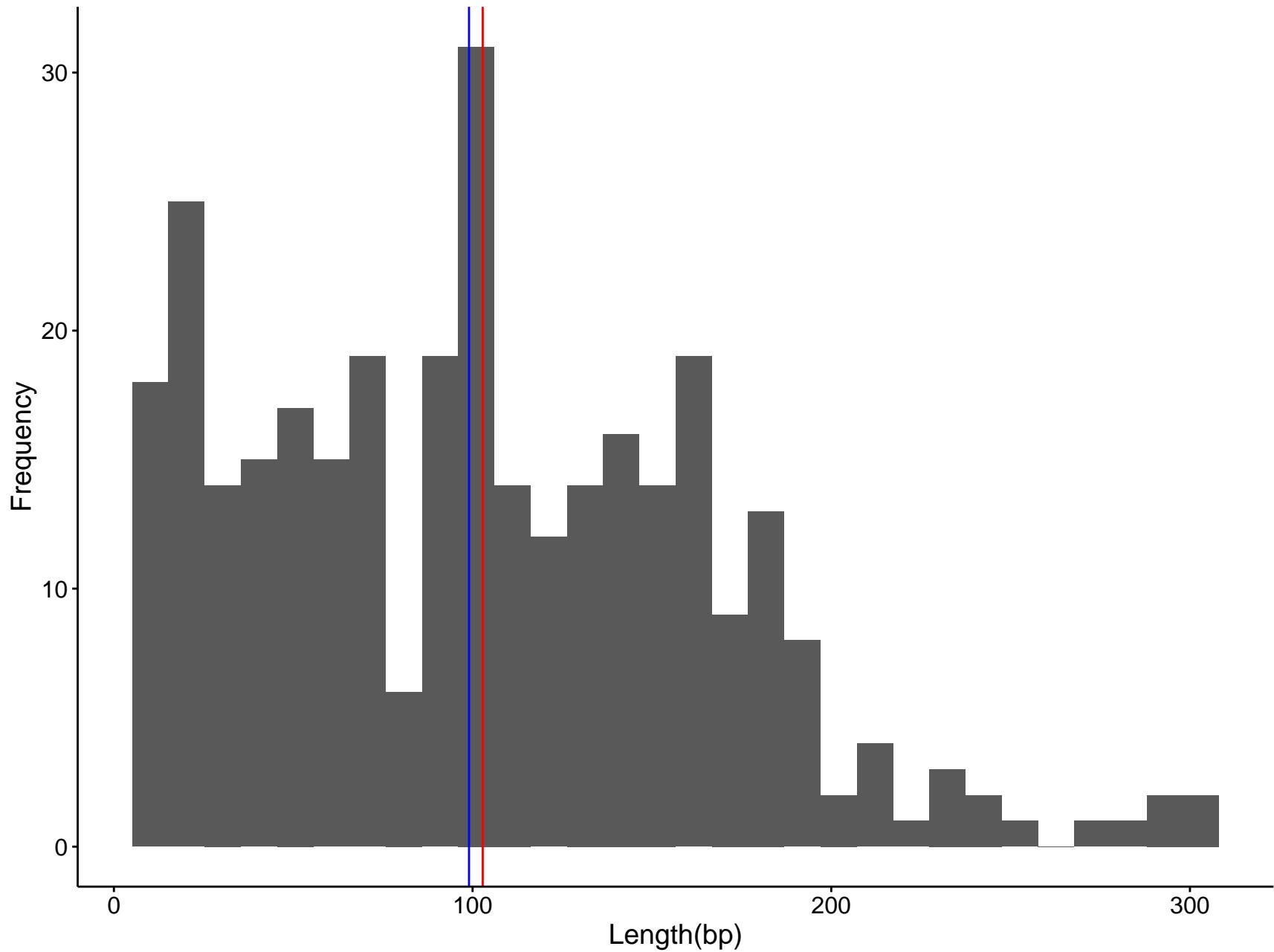
Cluster380



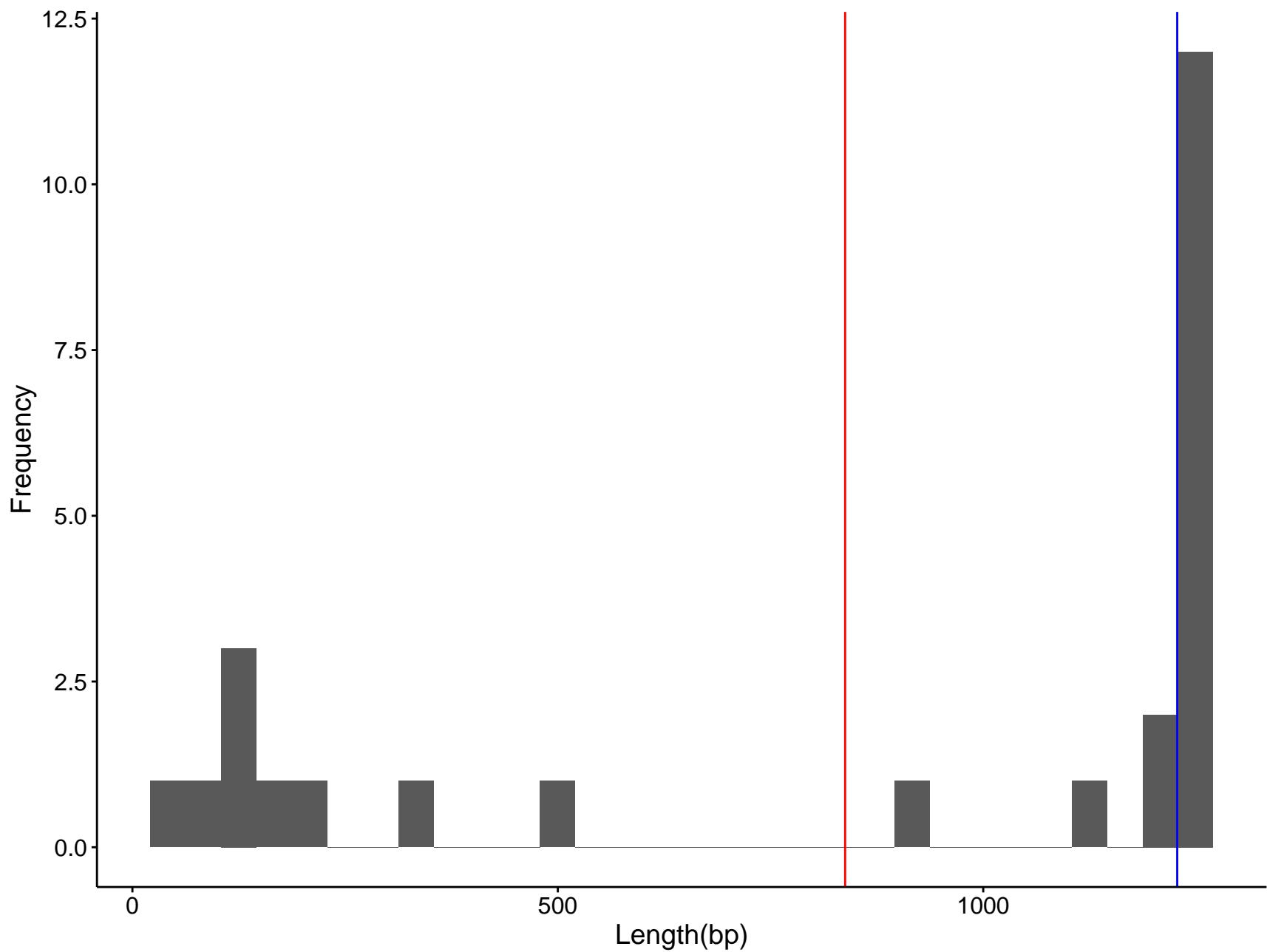
Cluster383

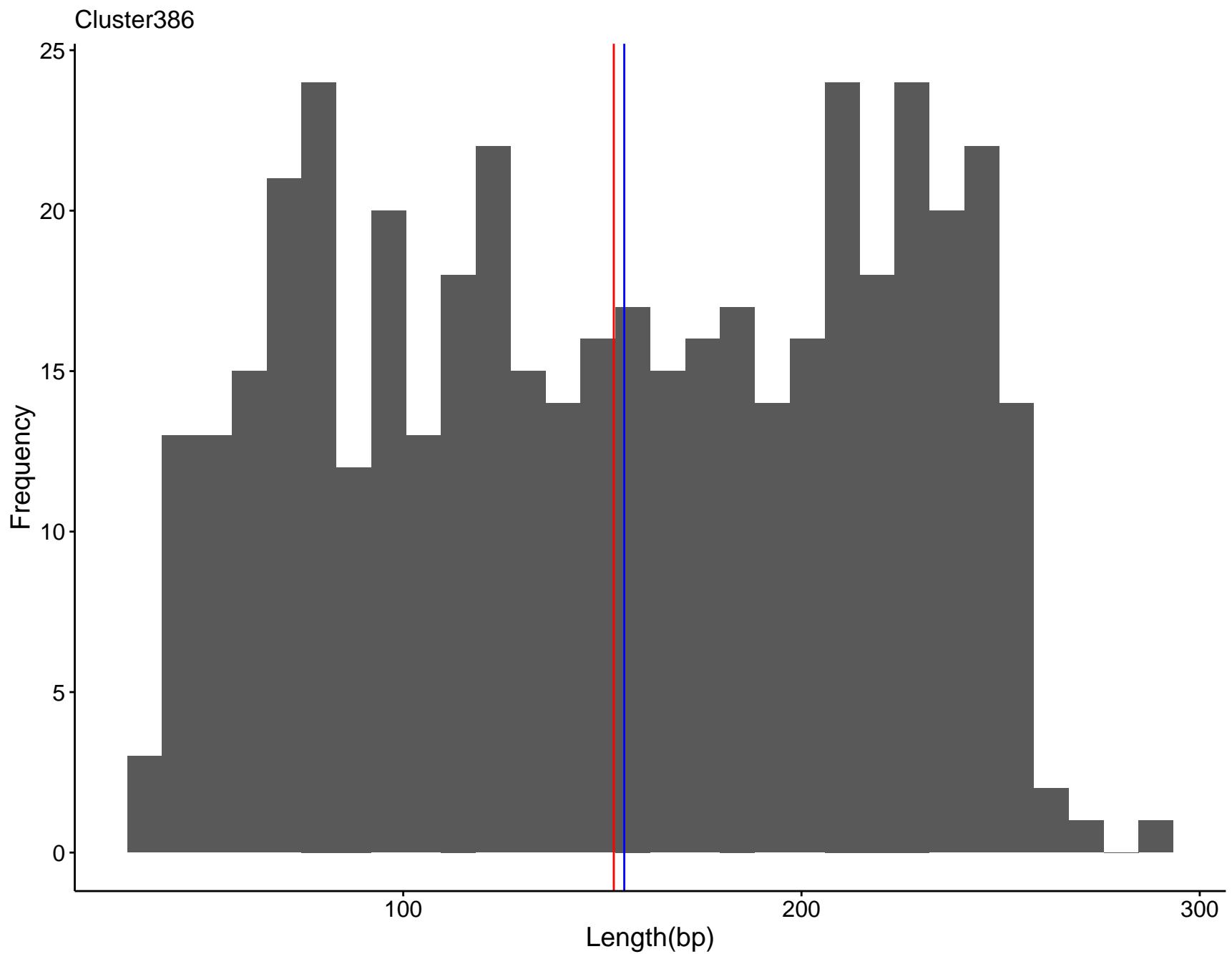


Cluster384

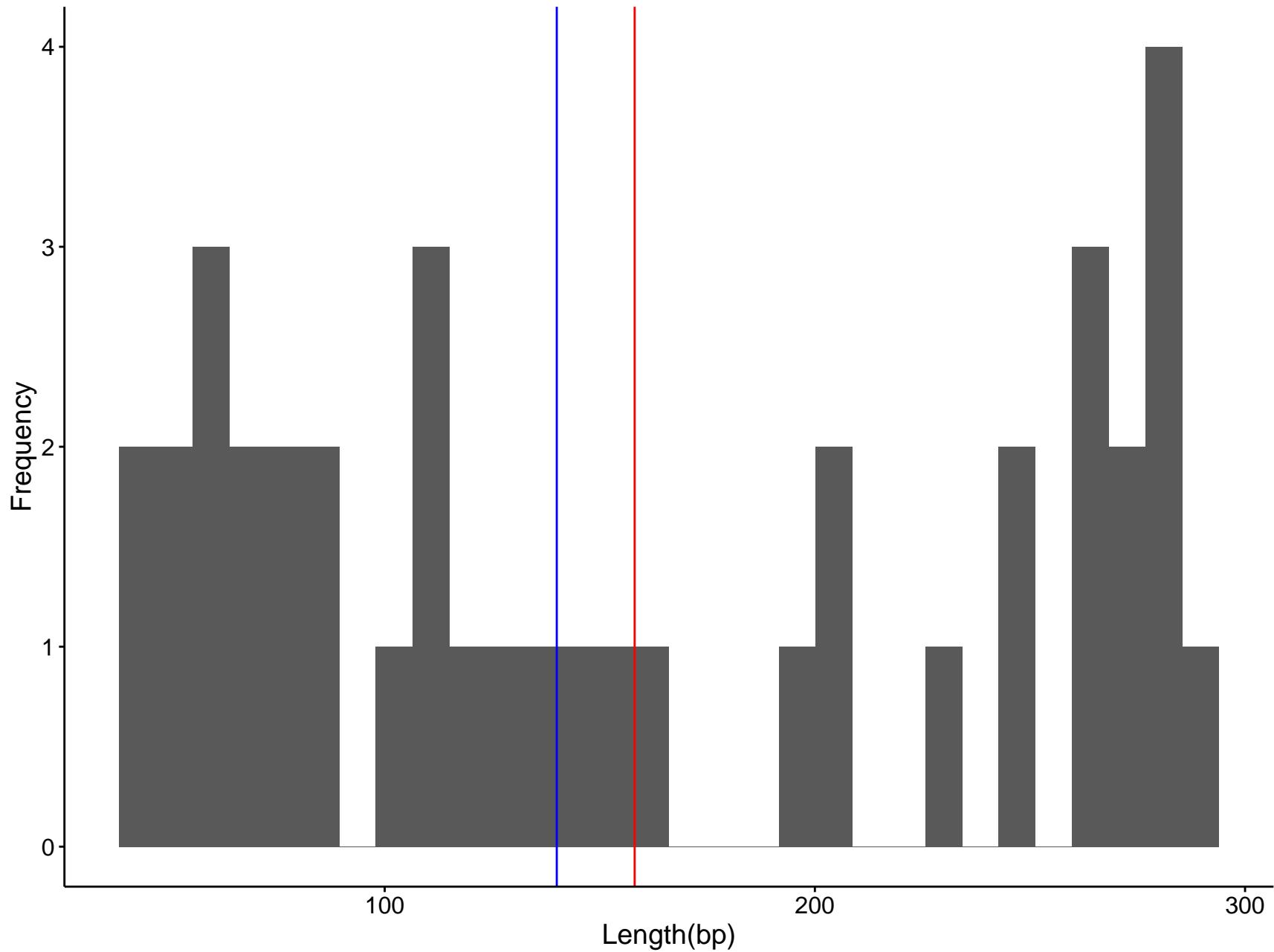


Cluster385

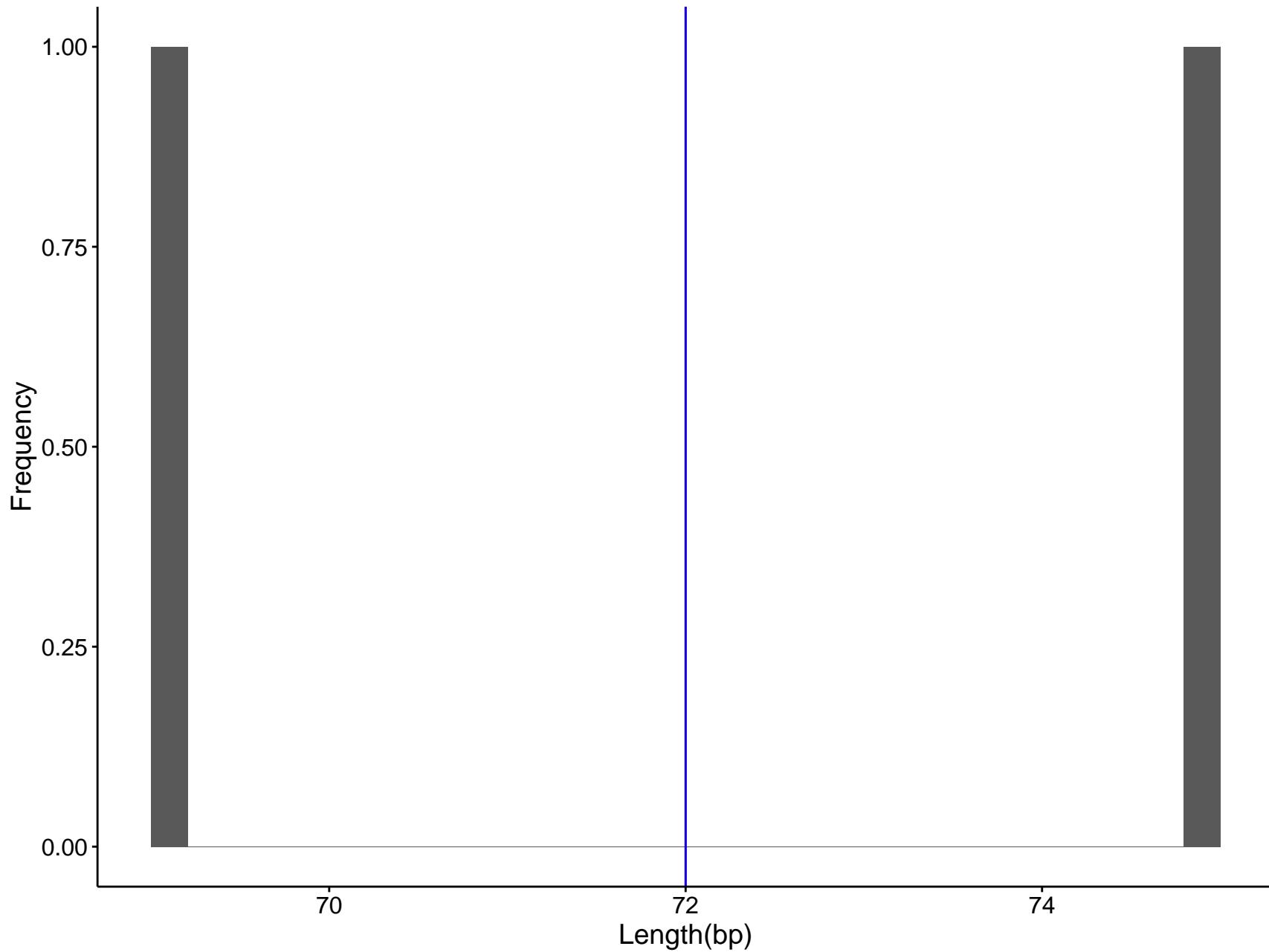




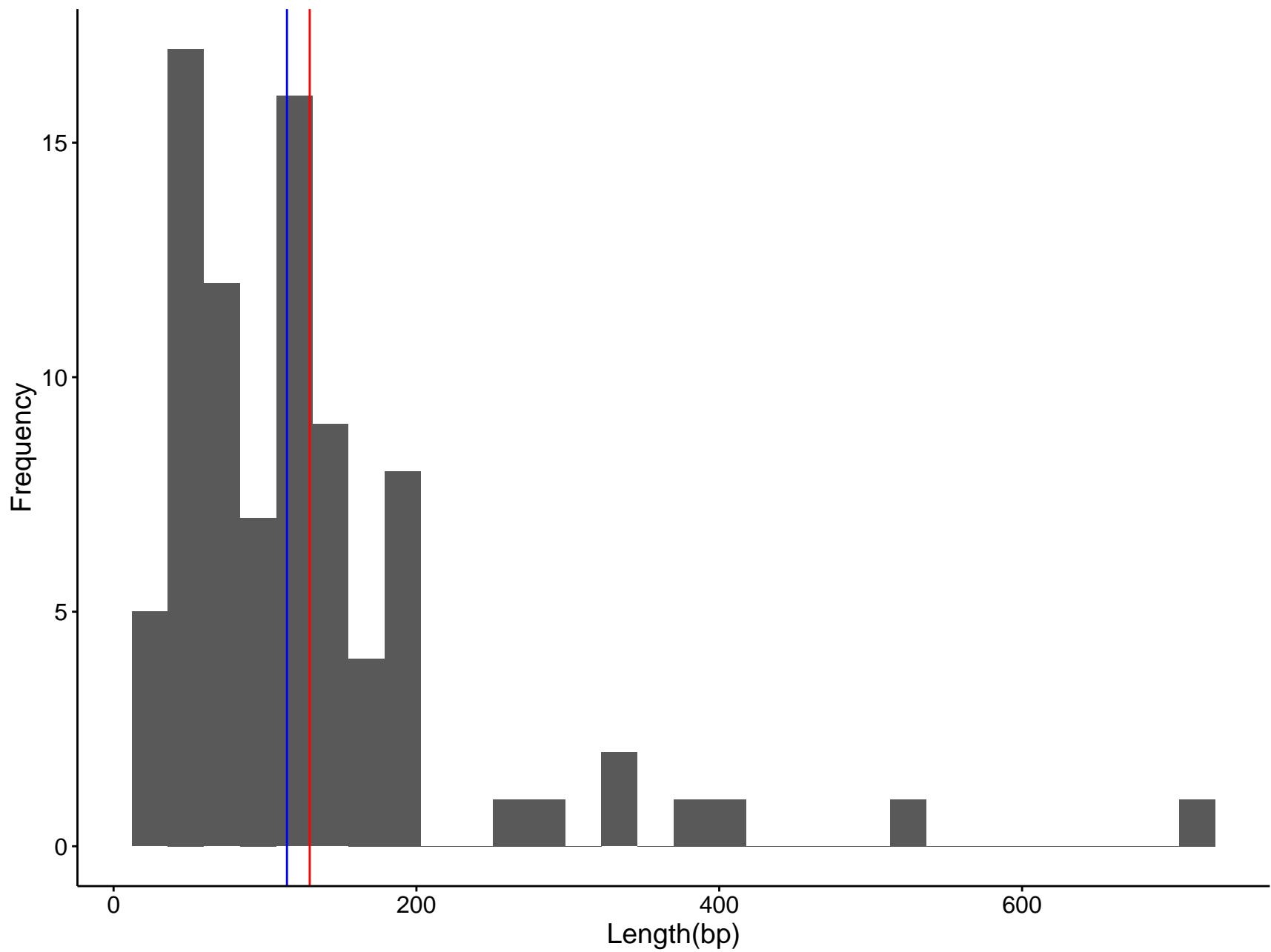
Cluster387



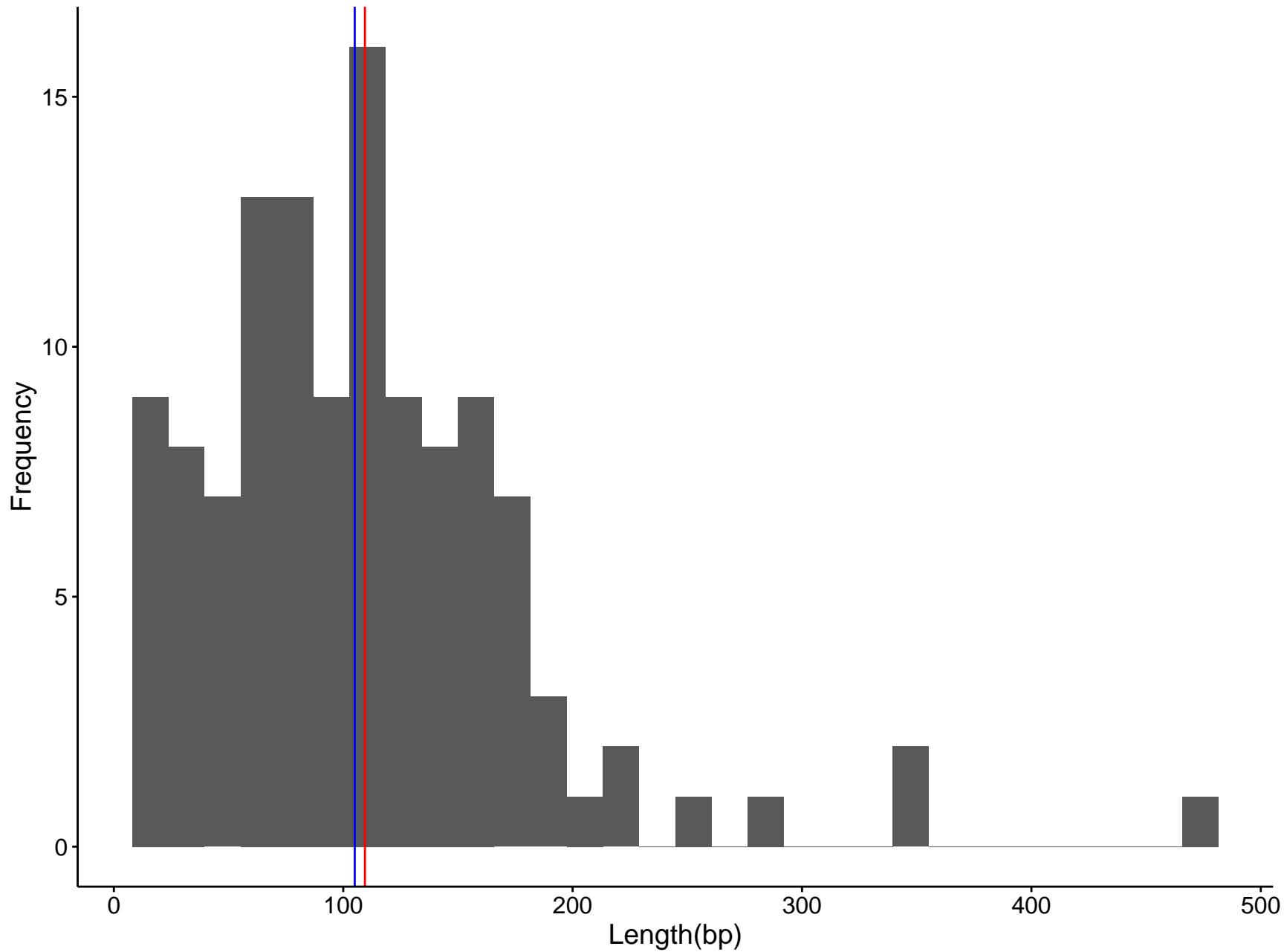
Cluster388



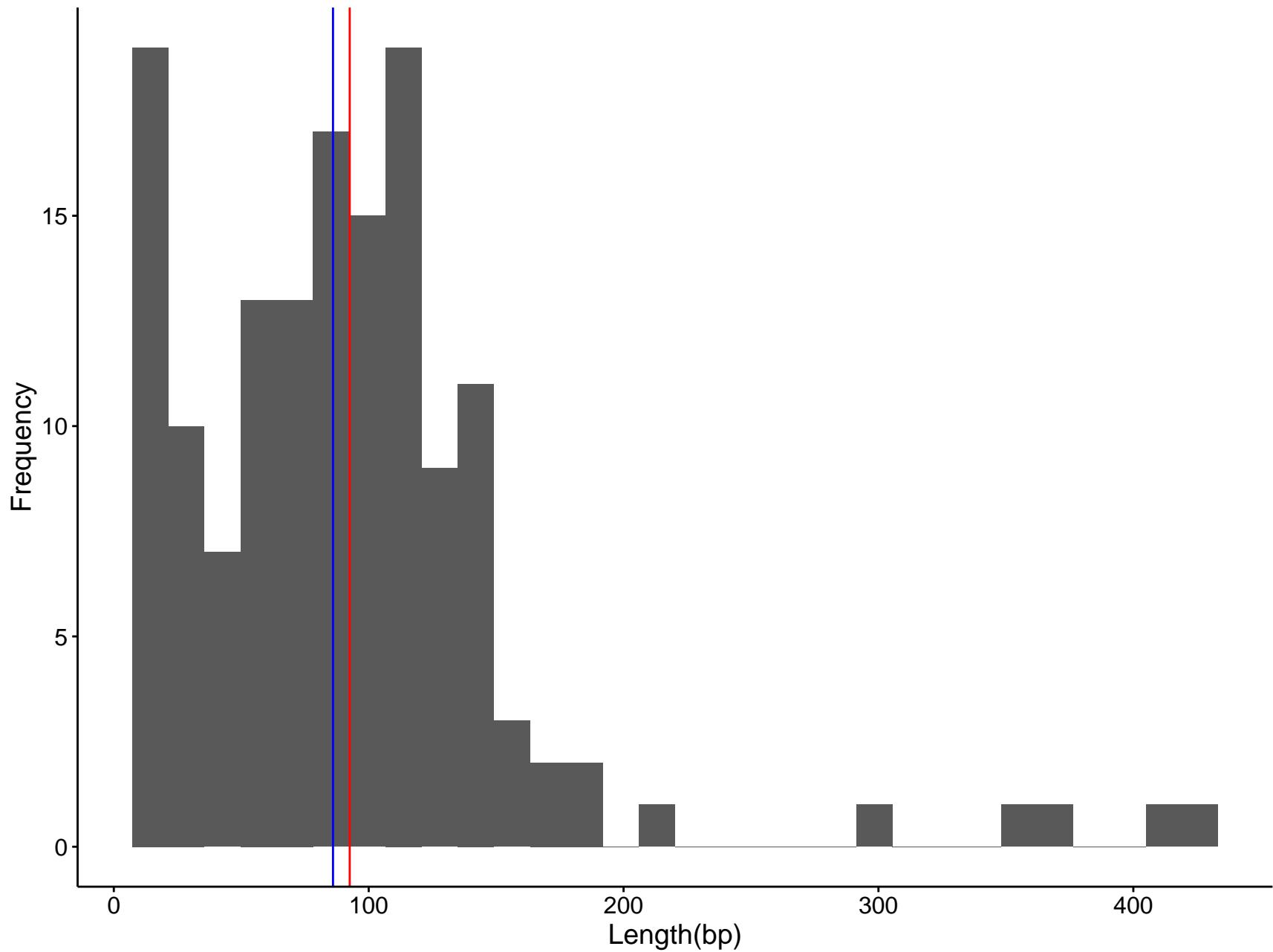
Cluster389



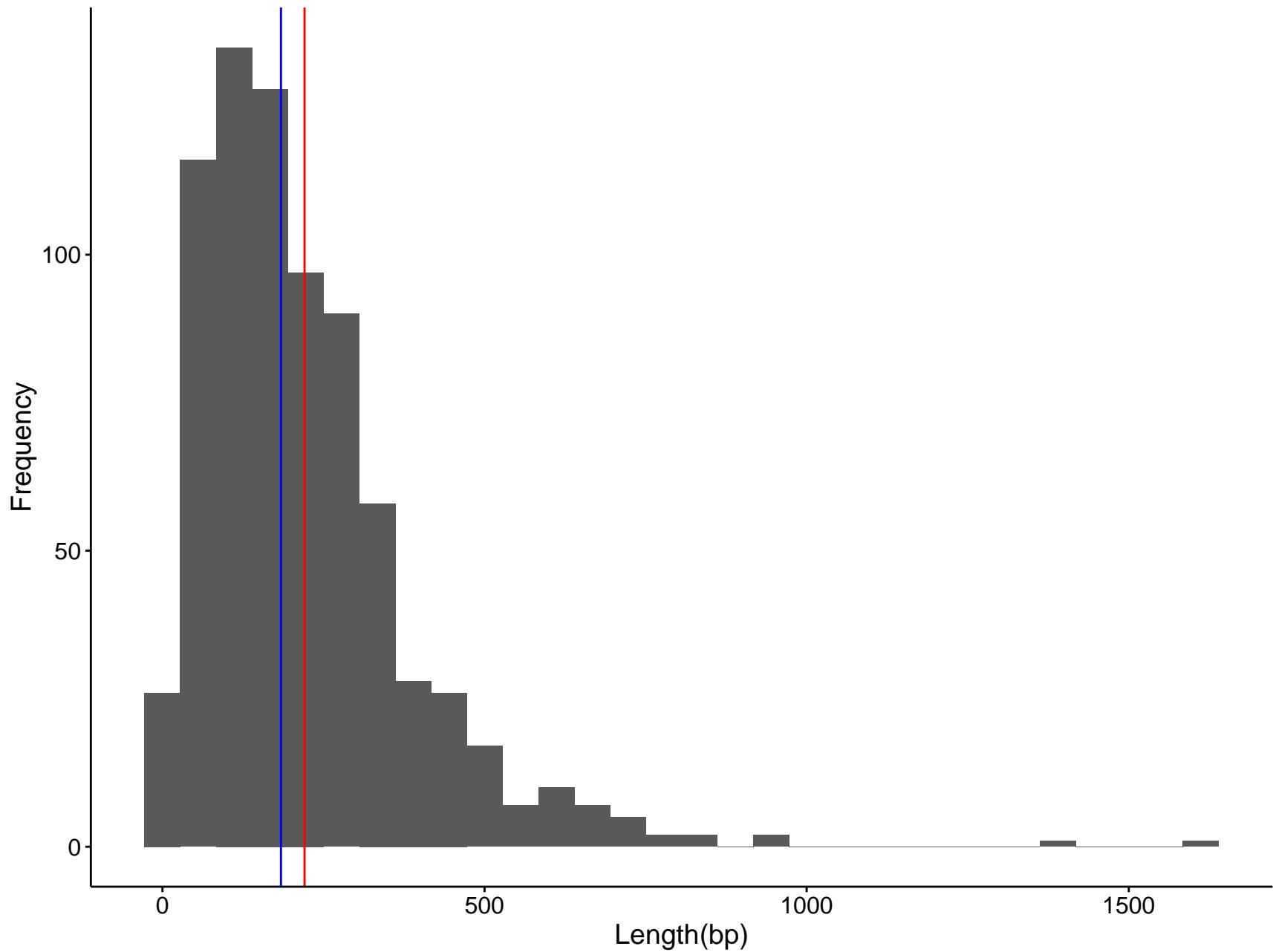
Cluster38



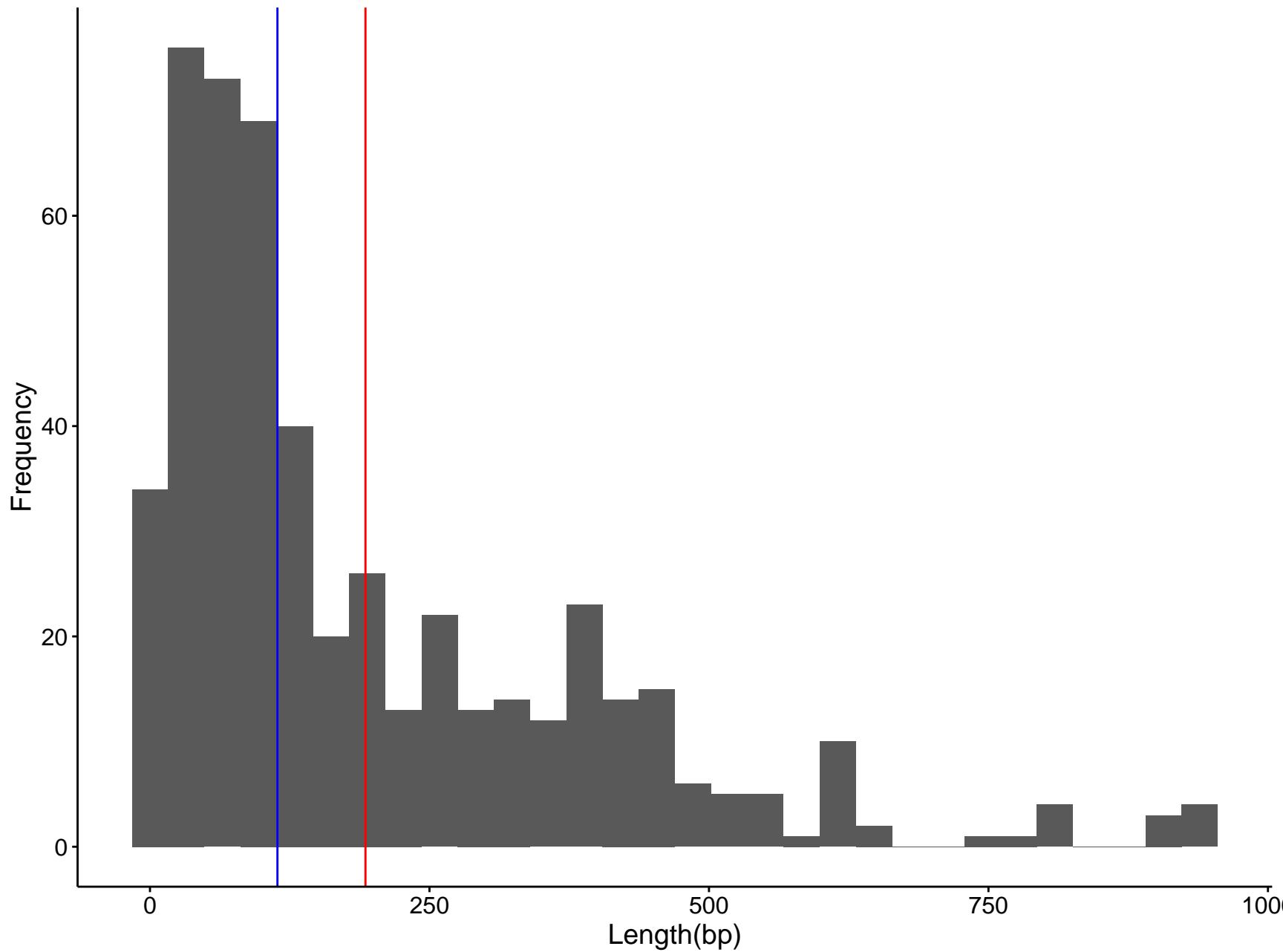
Cluster390



Cluster391



Cluster393



Cluster394

Frequency

79.950

79.975

80.000

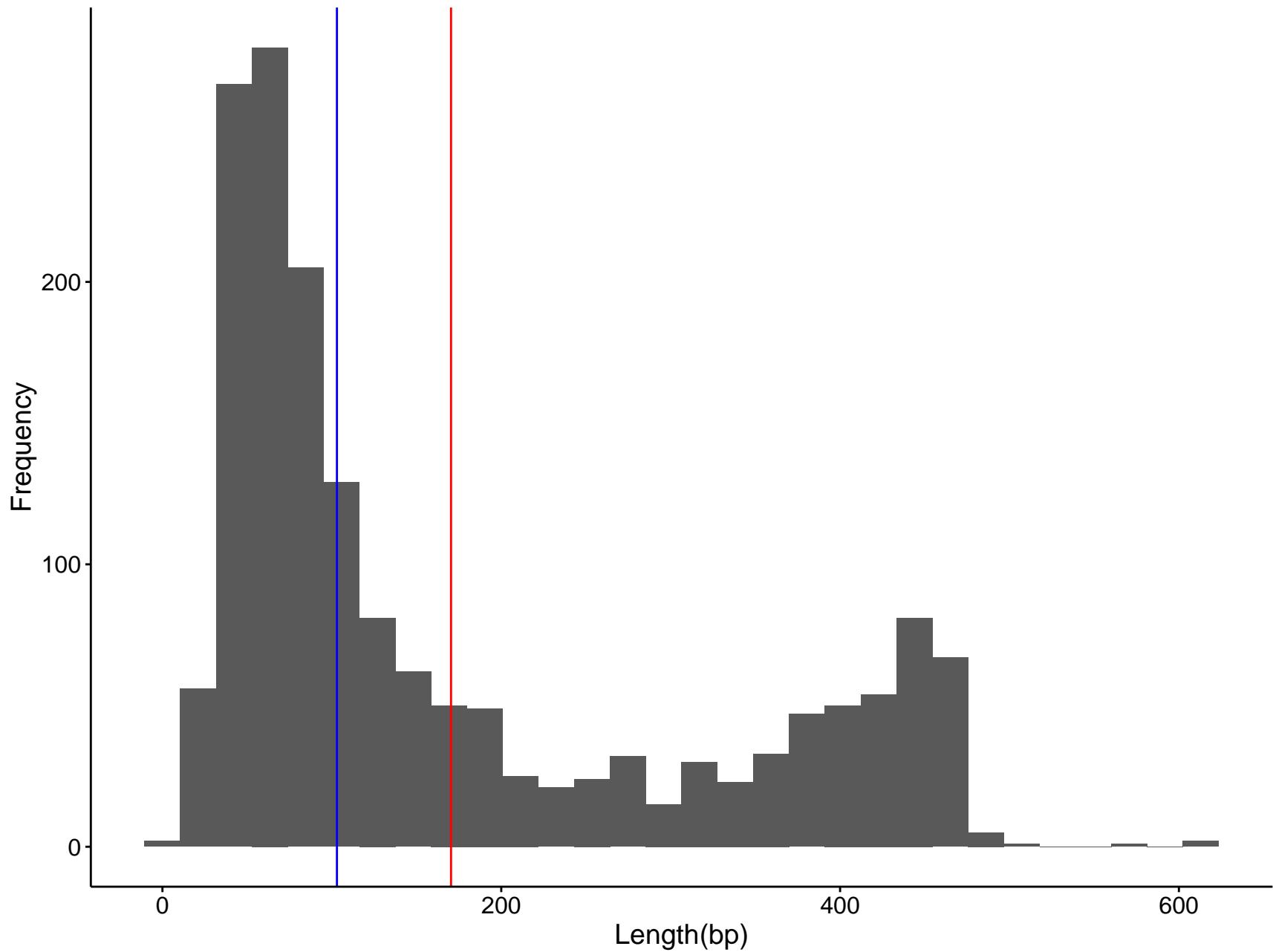
80.025

80.0

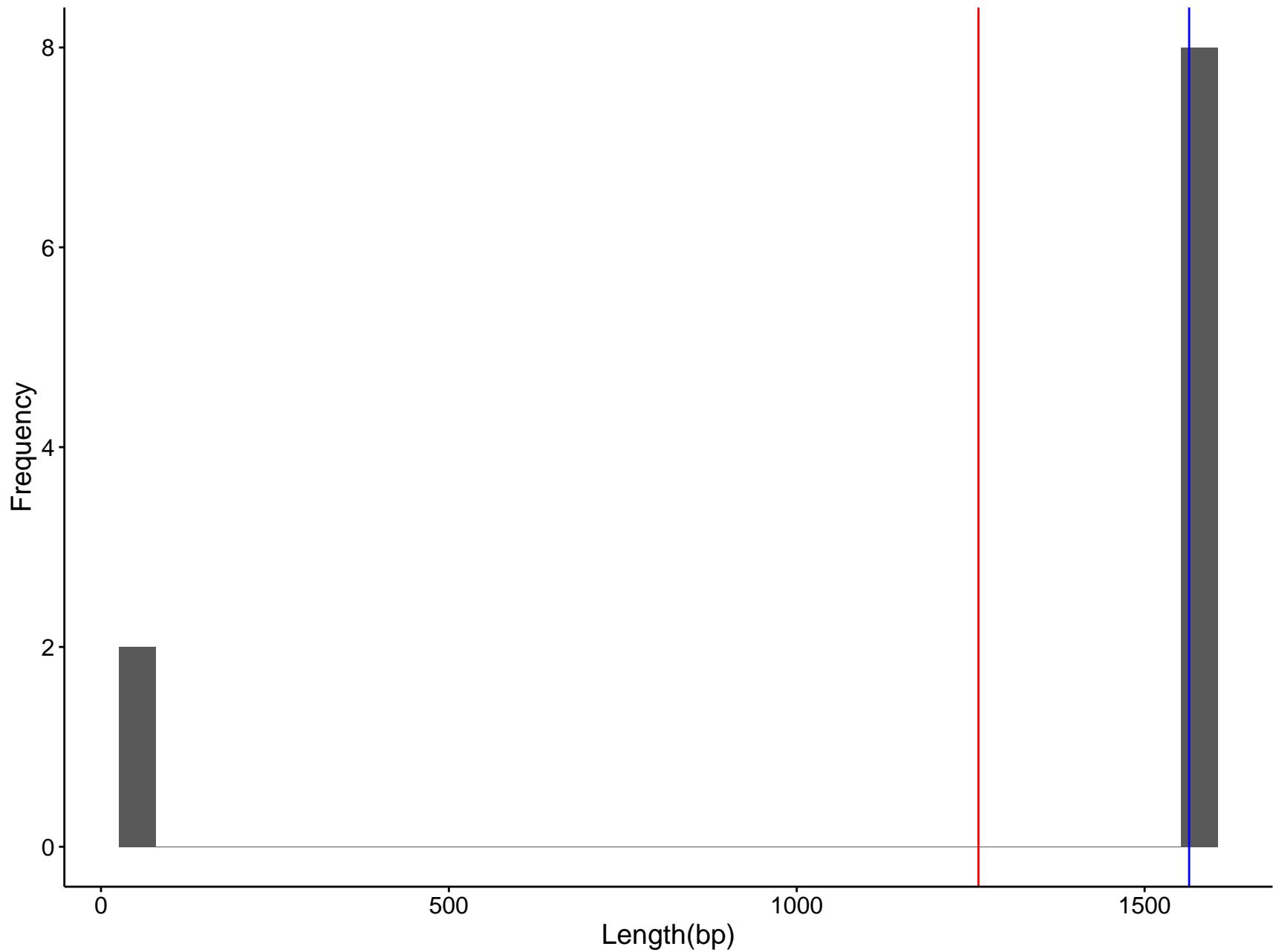
Length(bp)



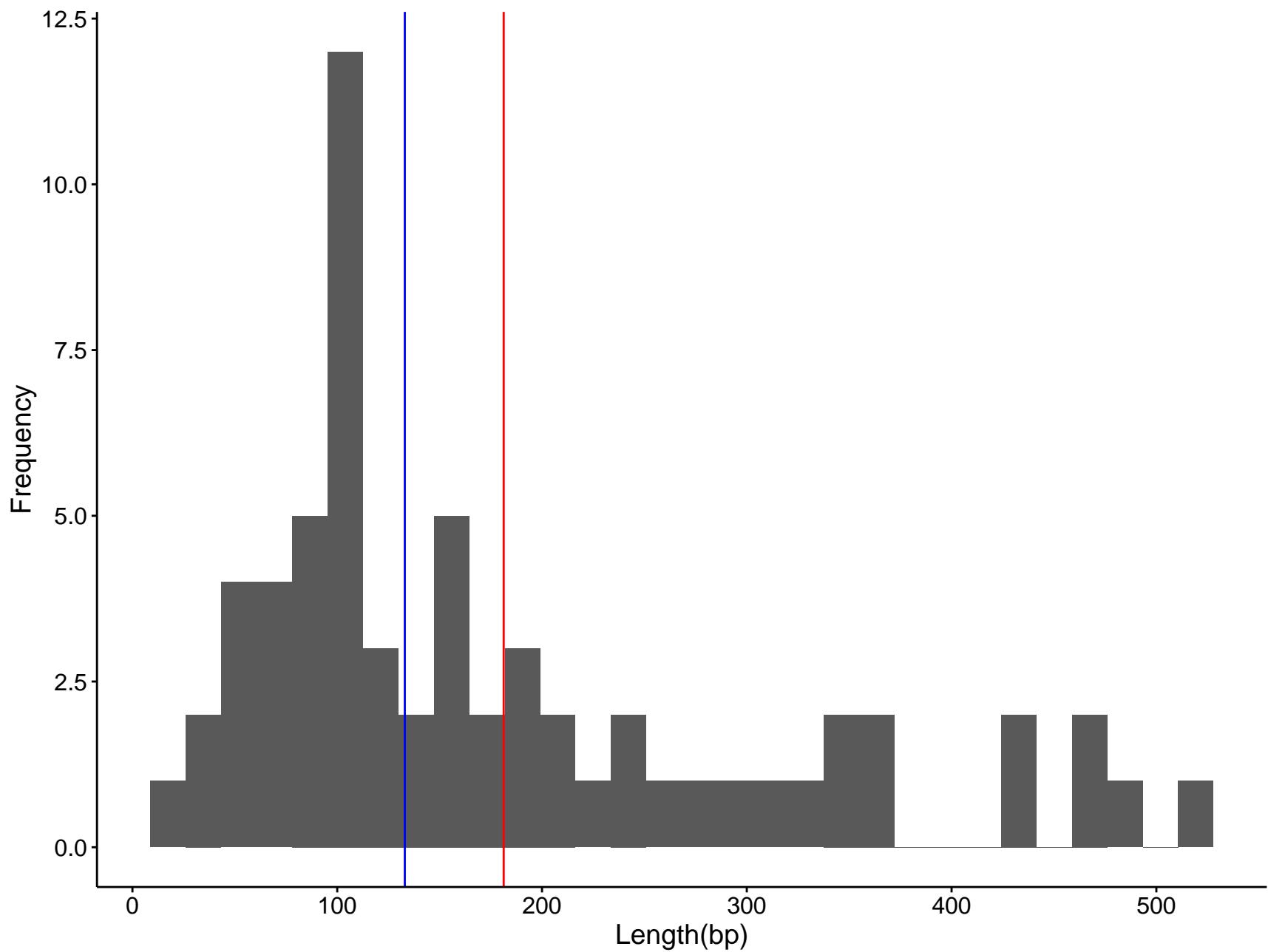
Cluster395



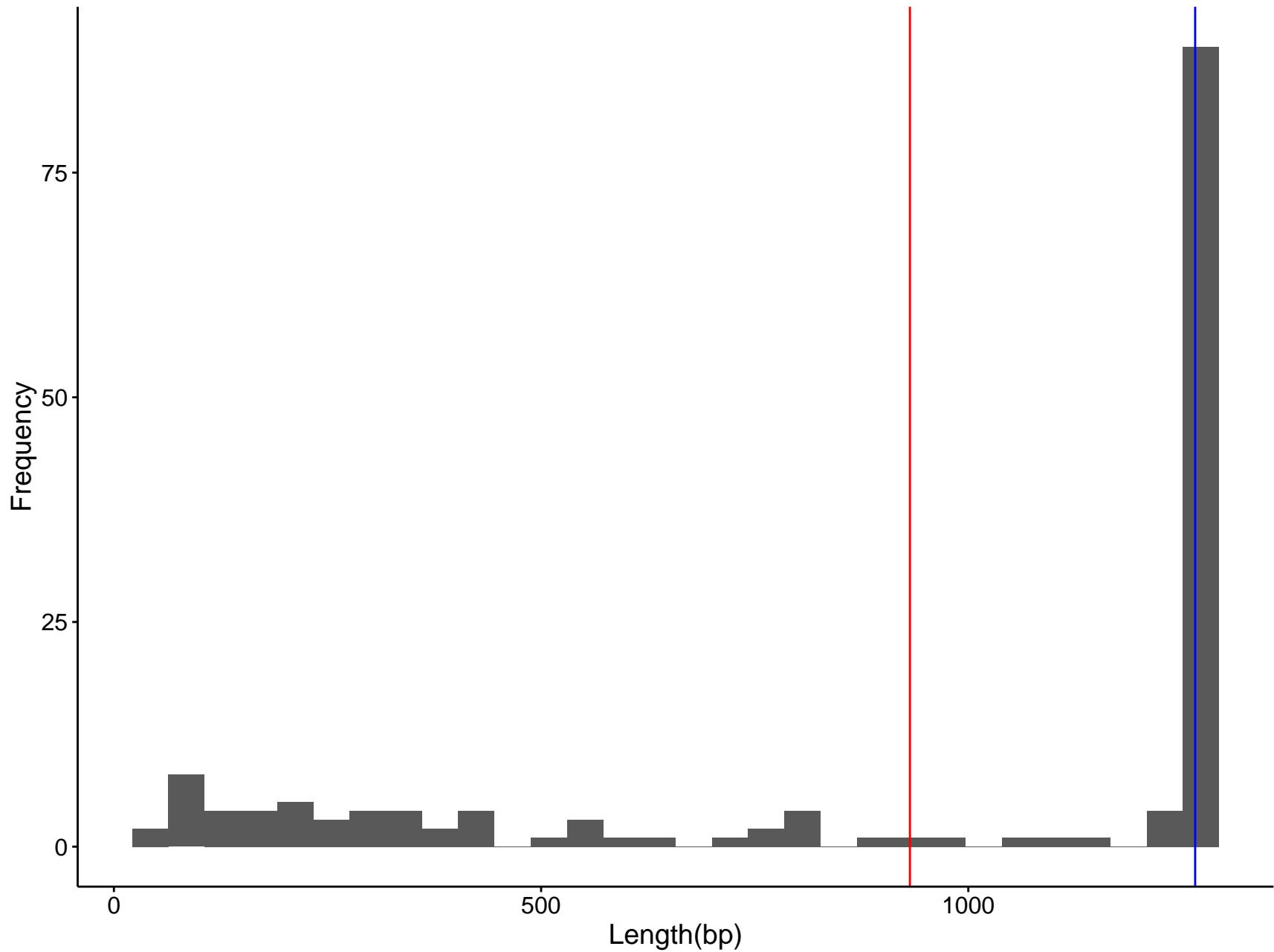
Cluster396



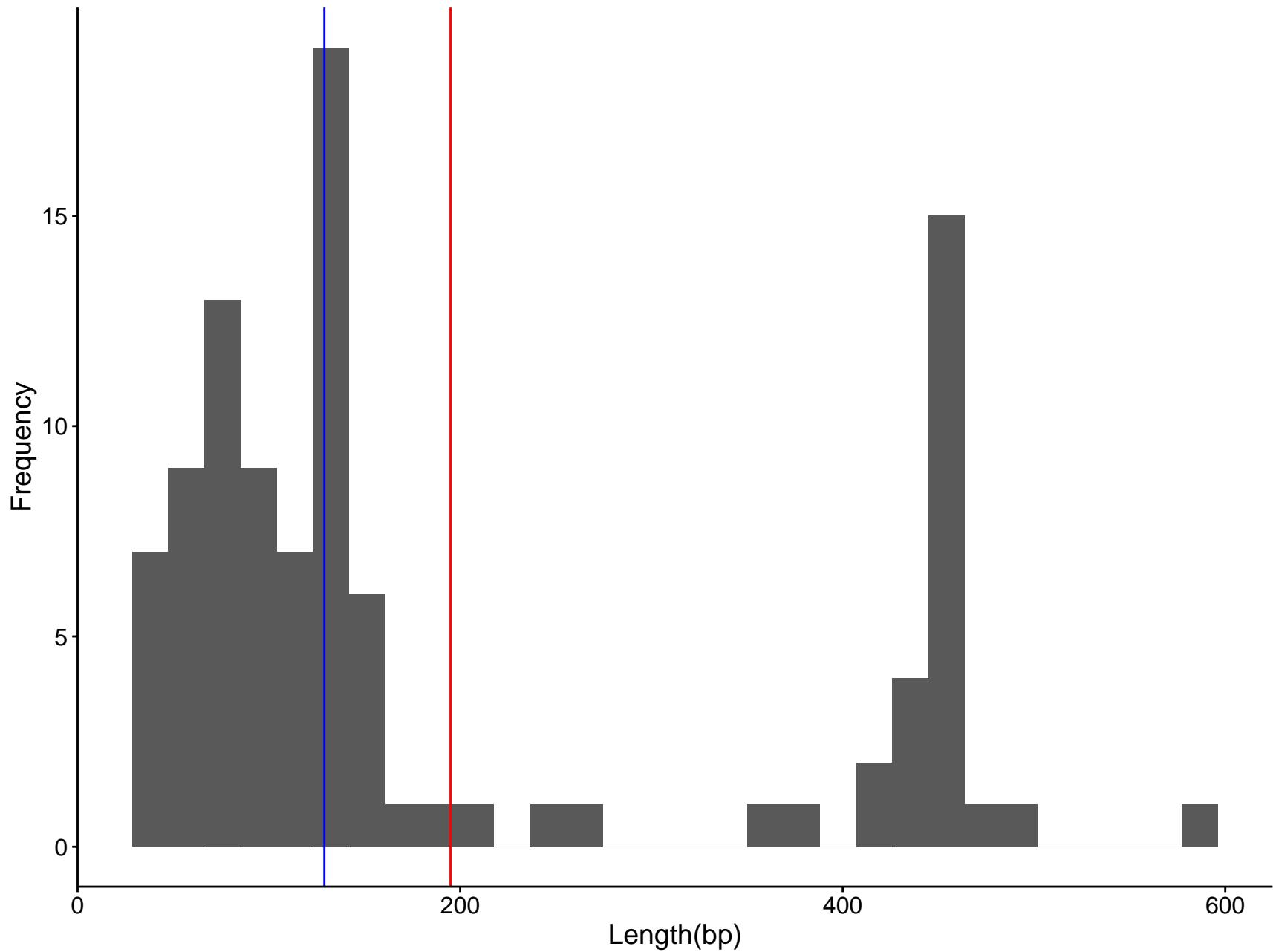
Cluster397



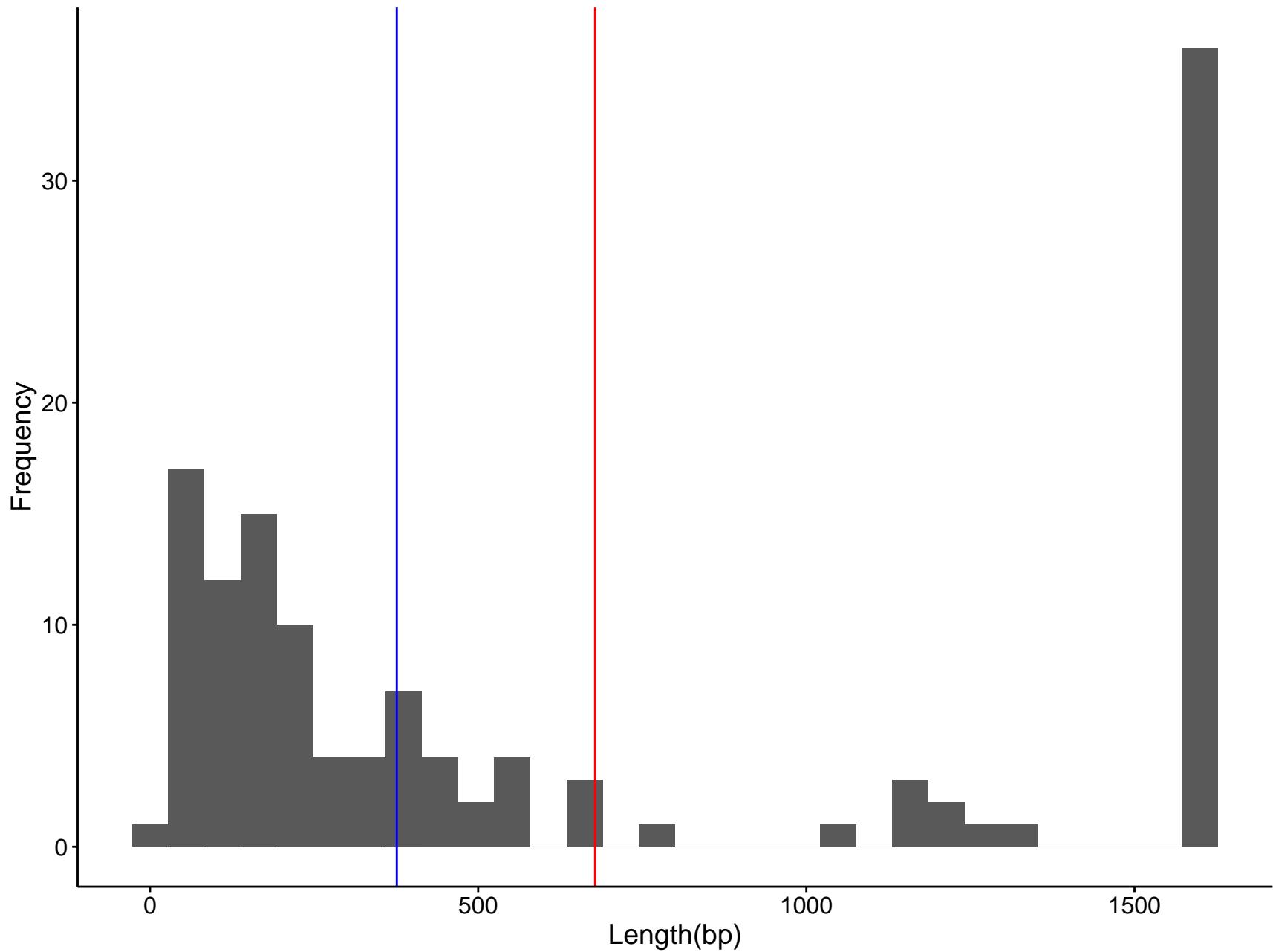
Cluster398



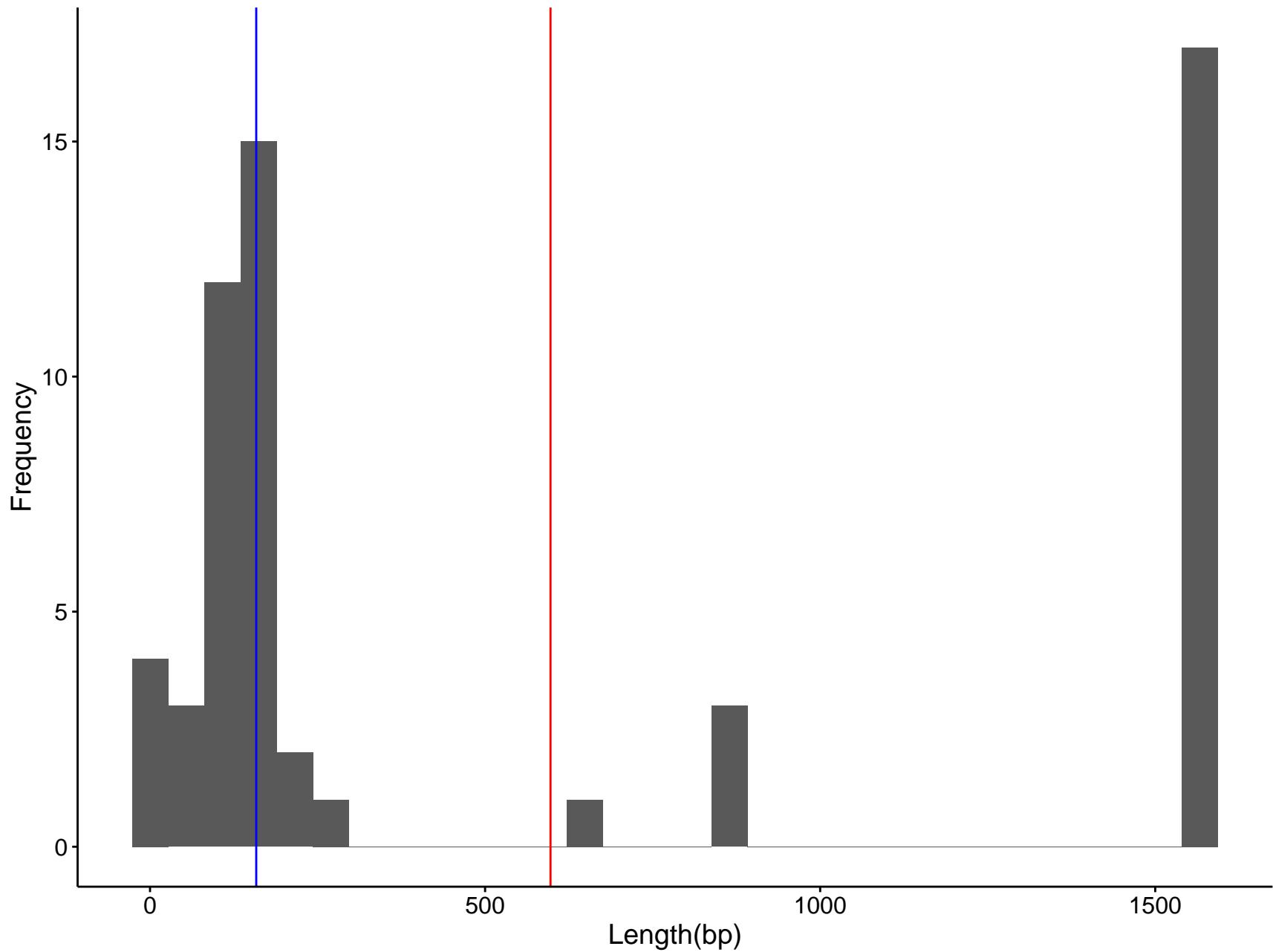
Cluster399



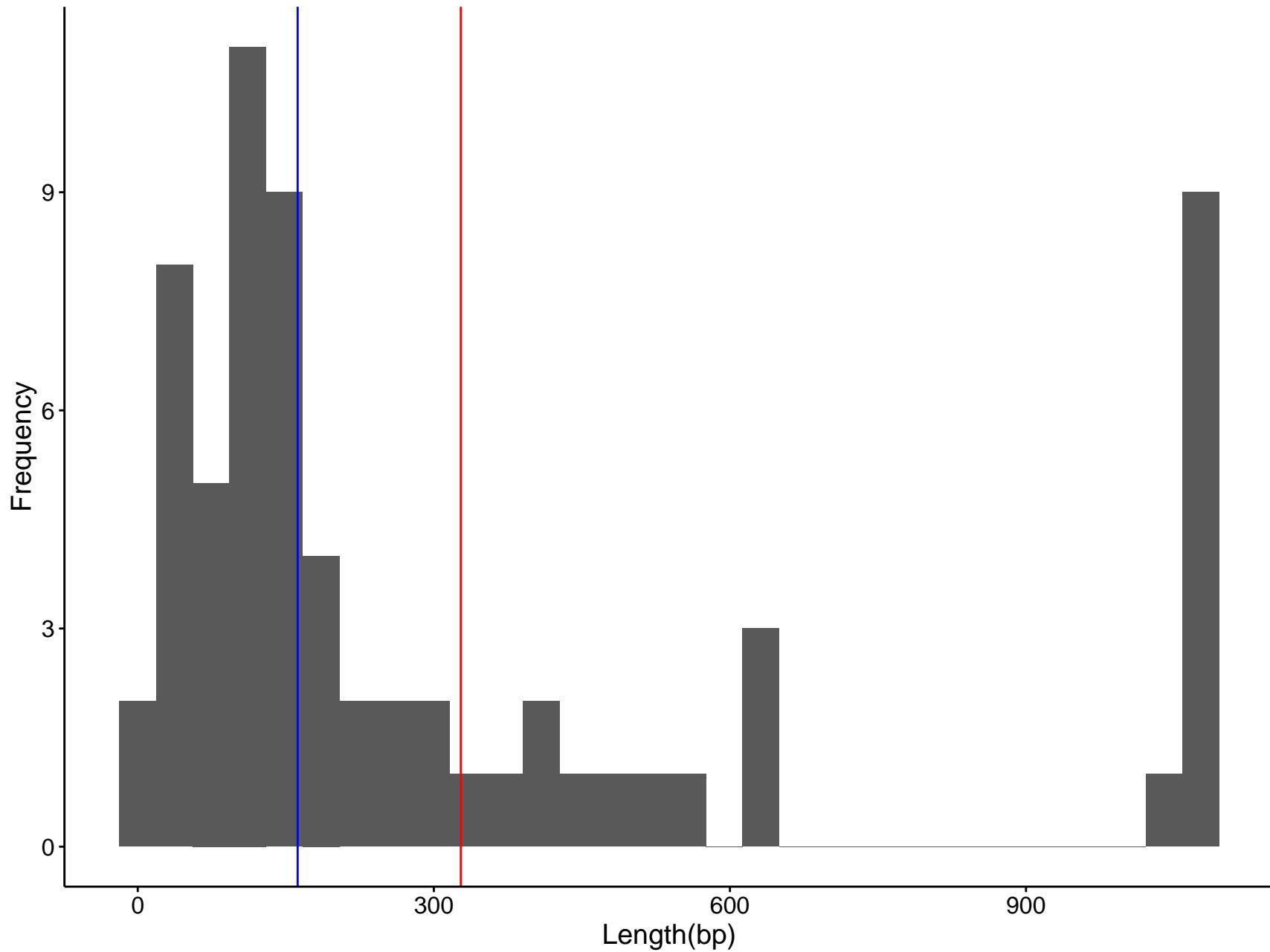
Cluster39



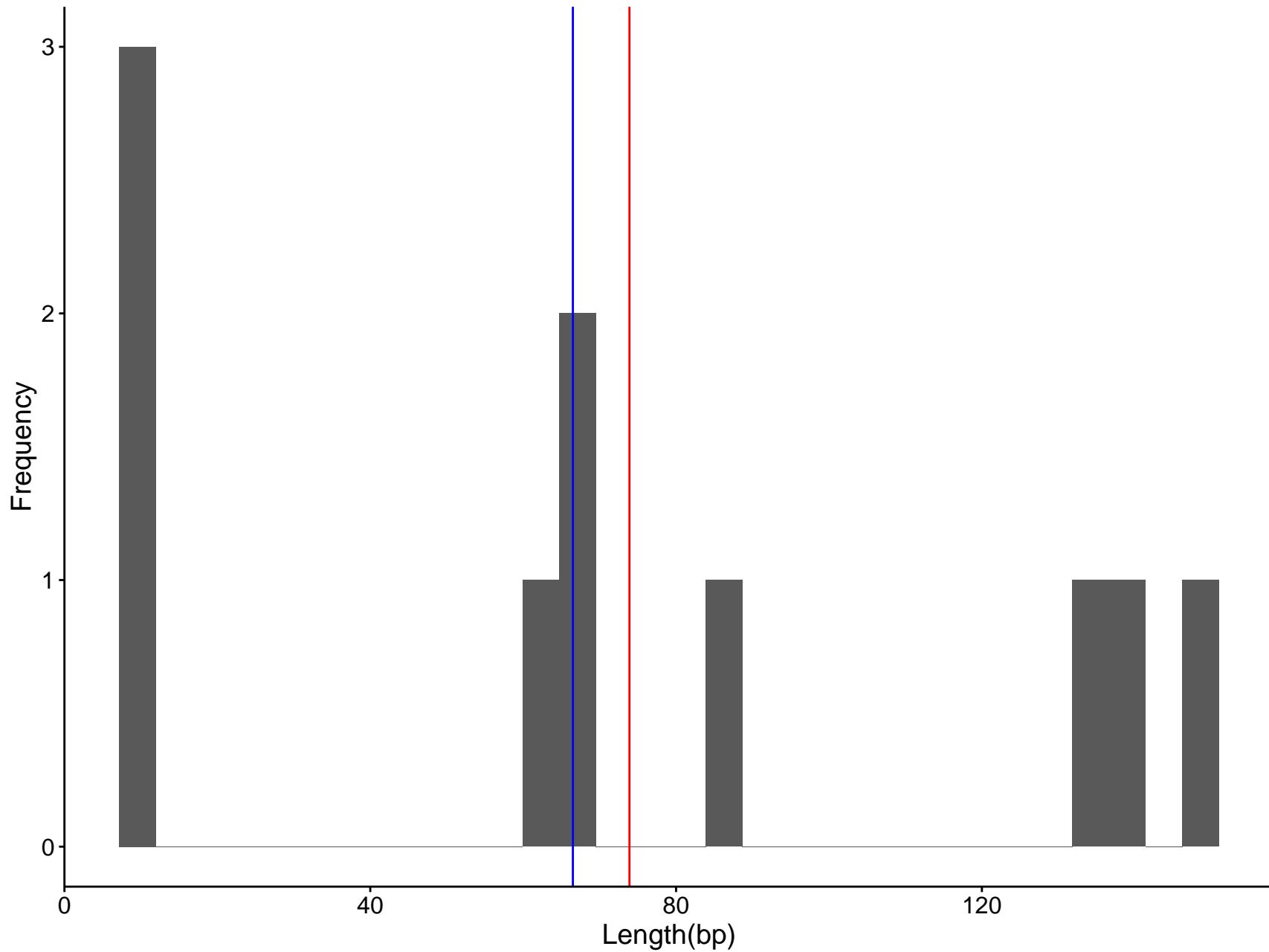
Cluster3



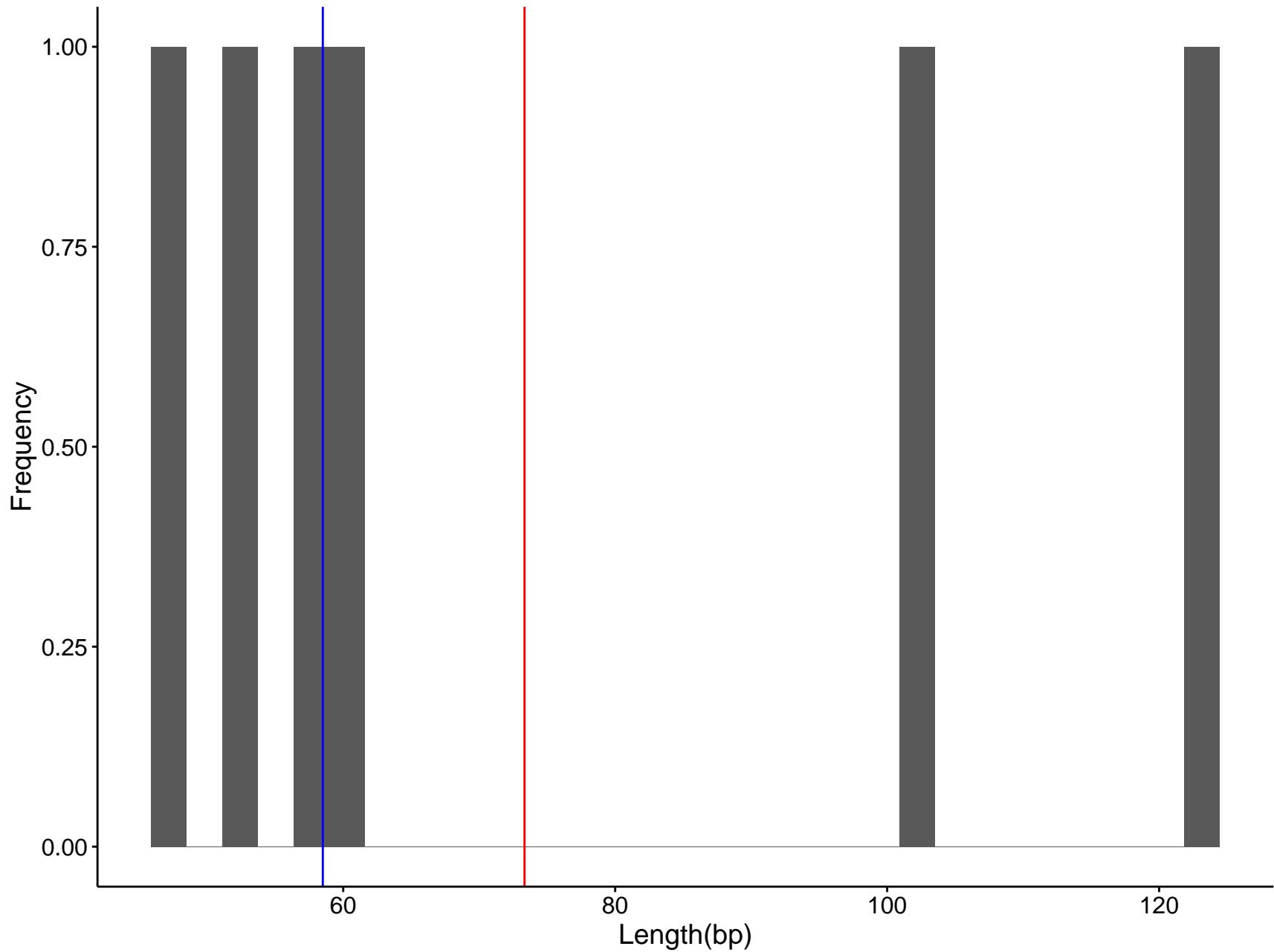
Cluster400



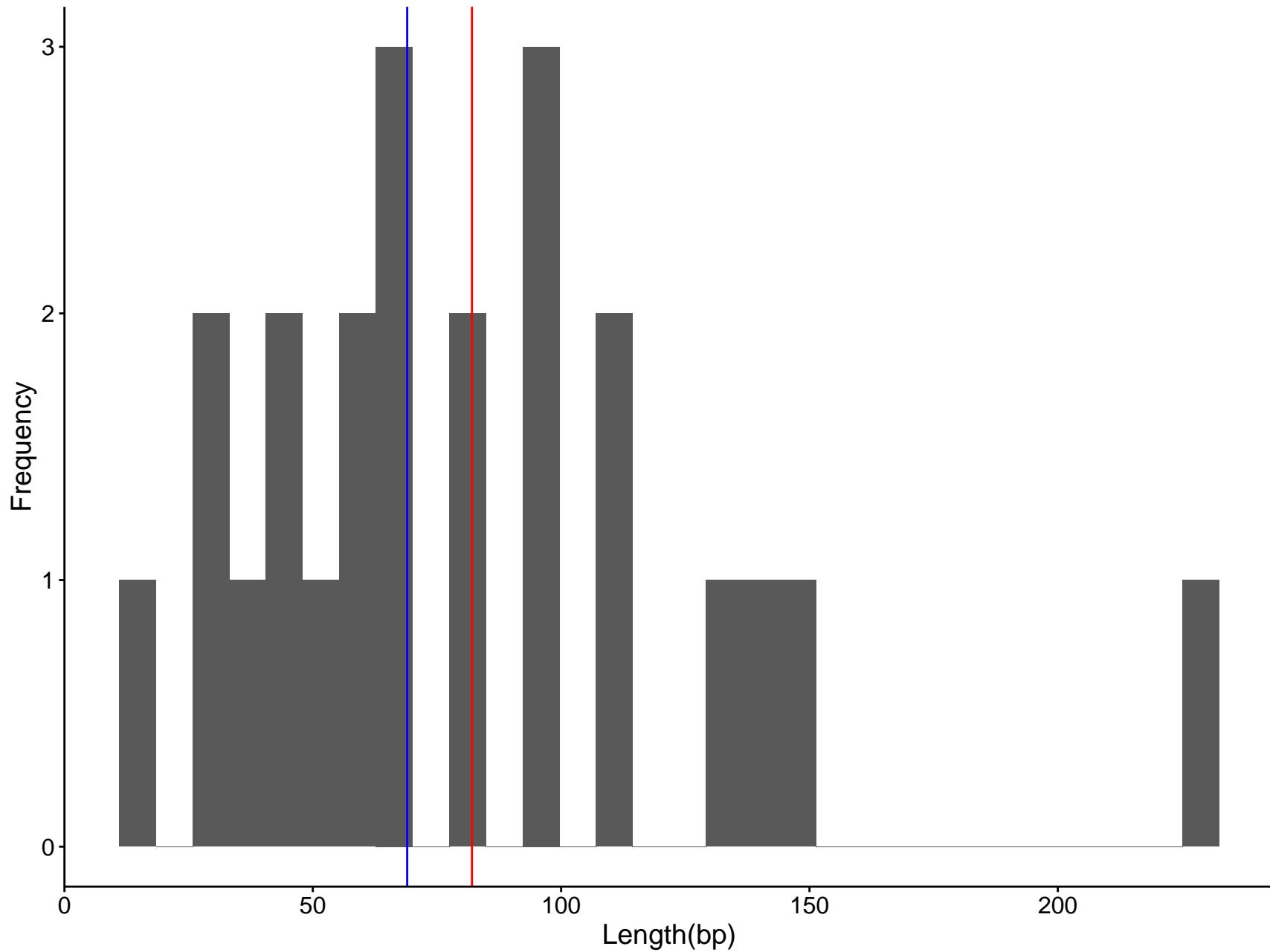
Cluster402



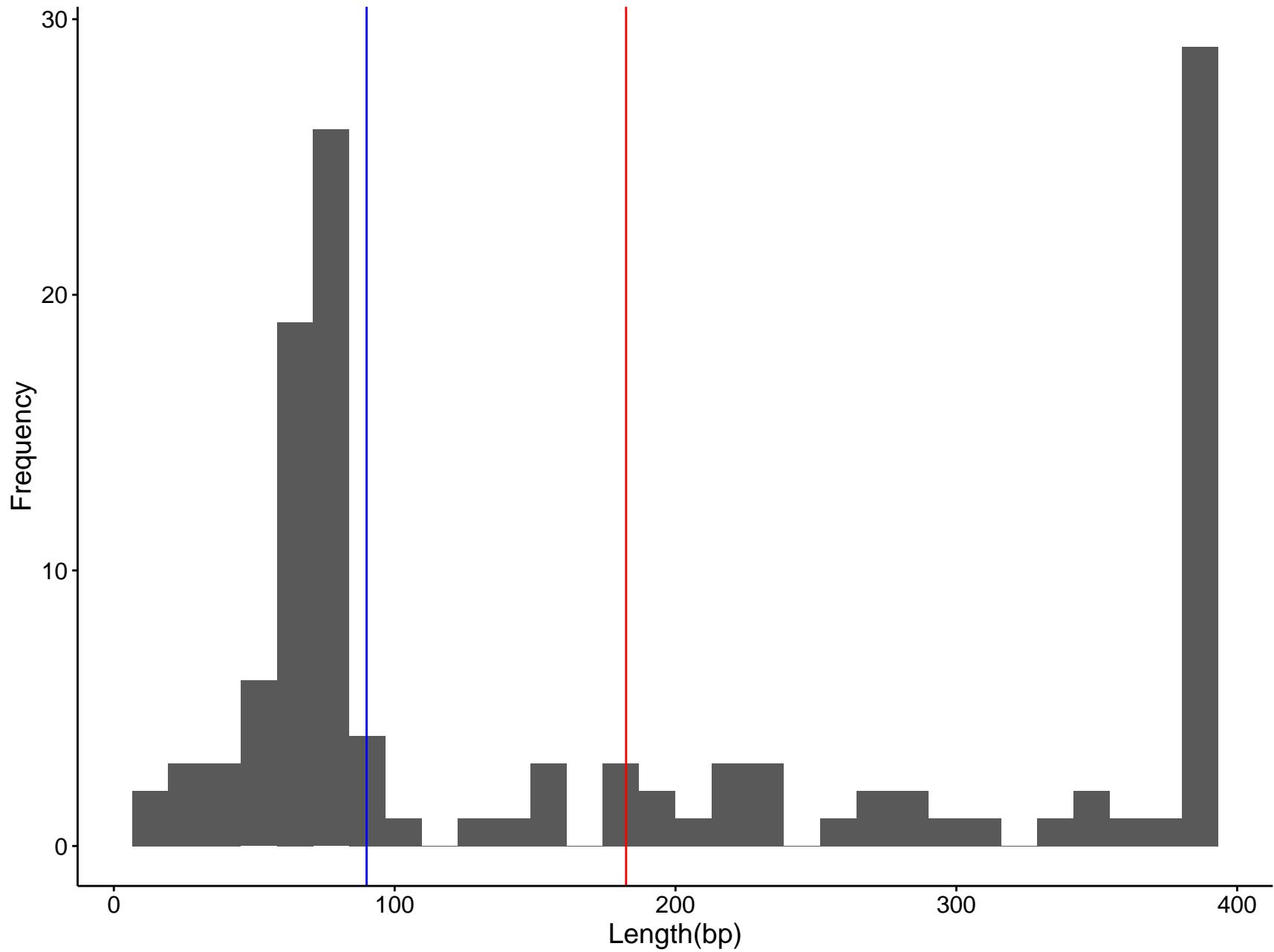
Cluster403



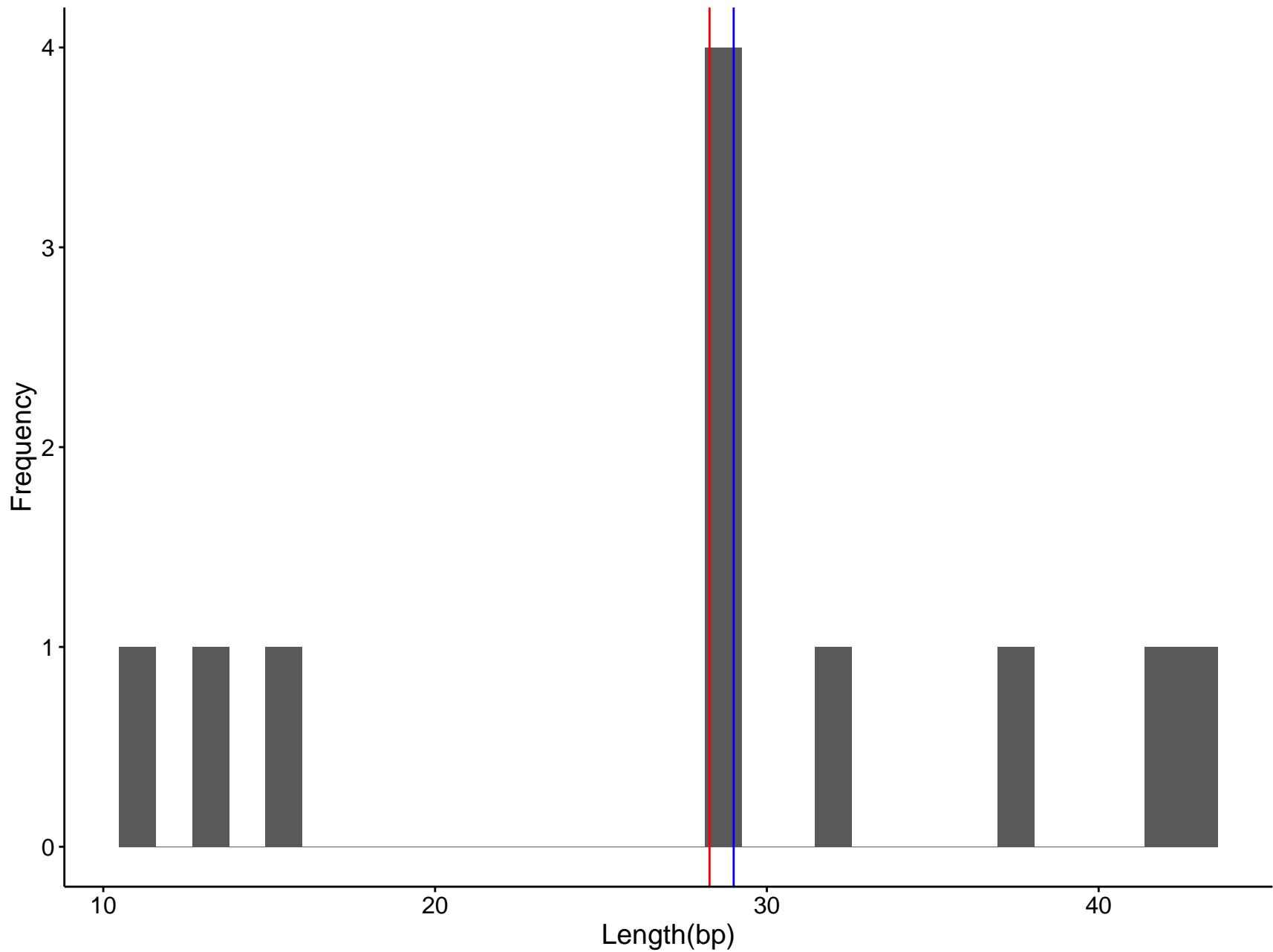
Cluster405



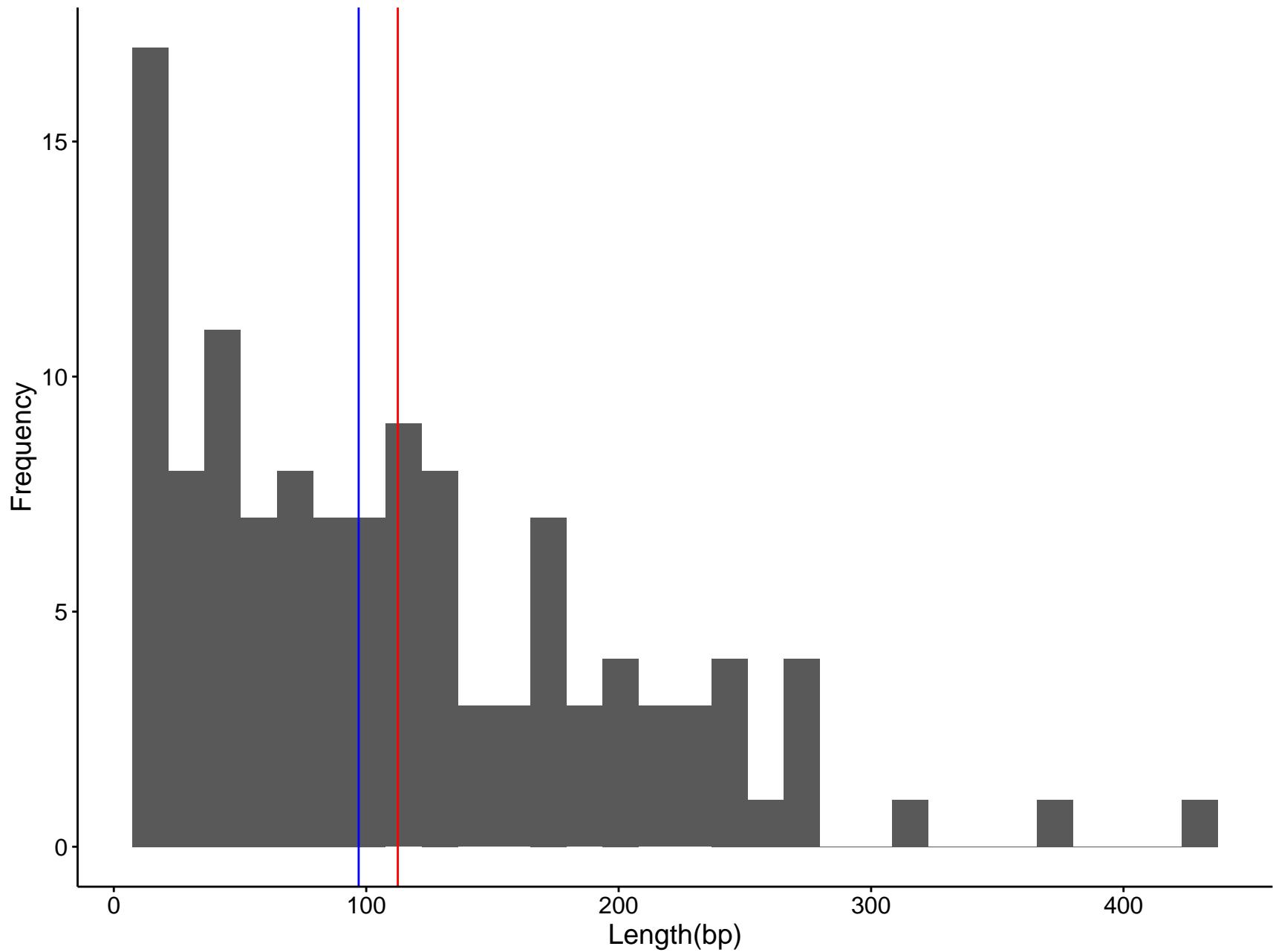
Cluster40



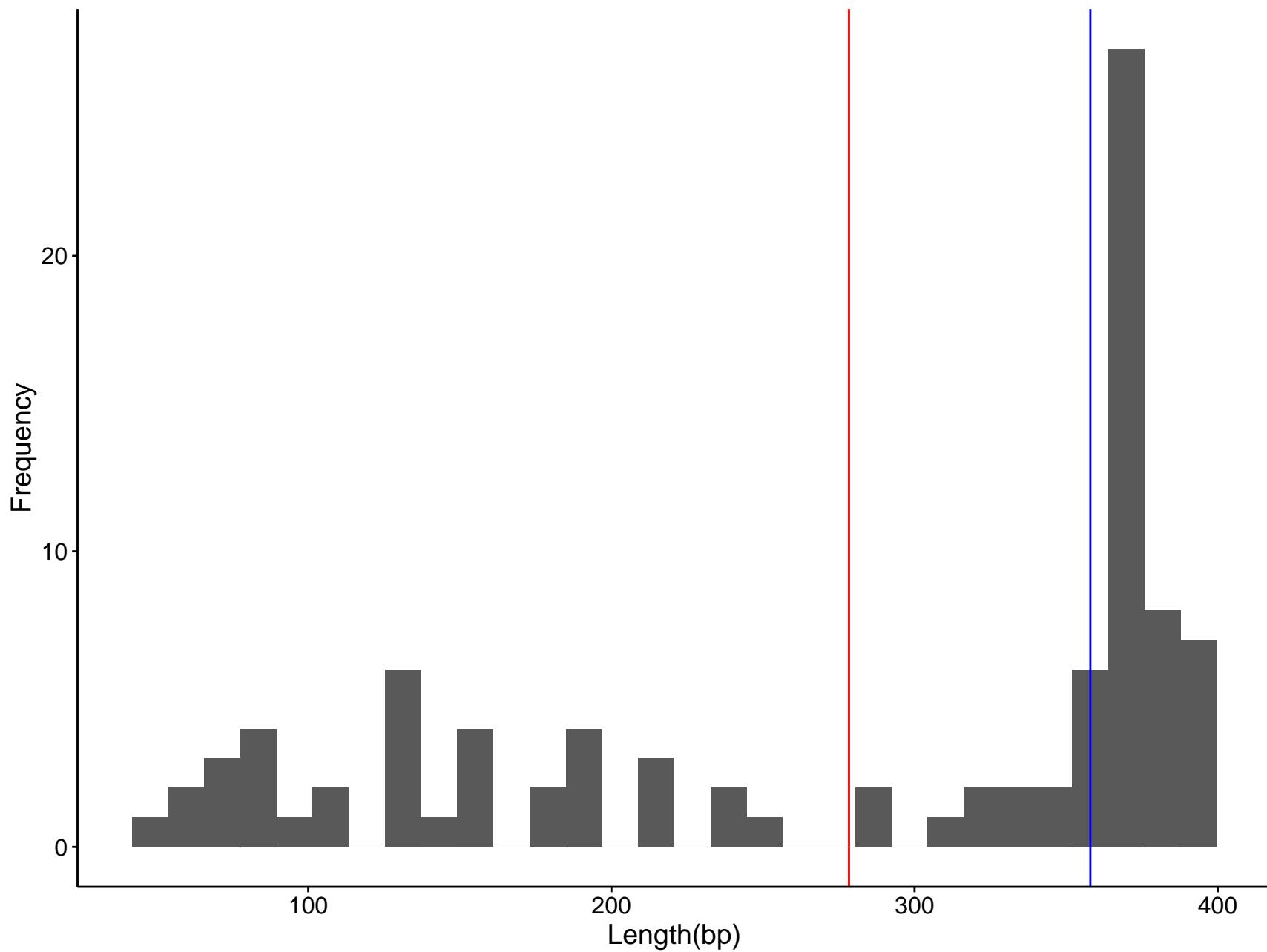
Cluster411



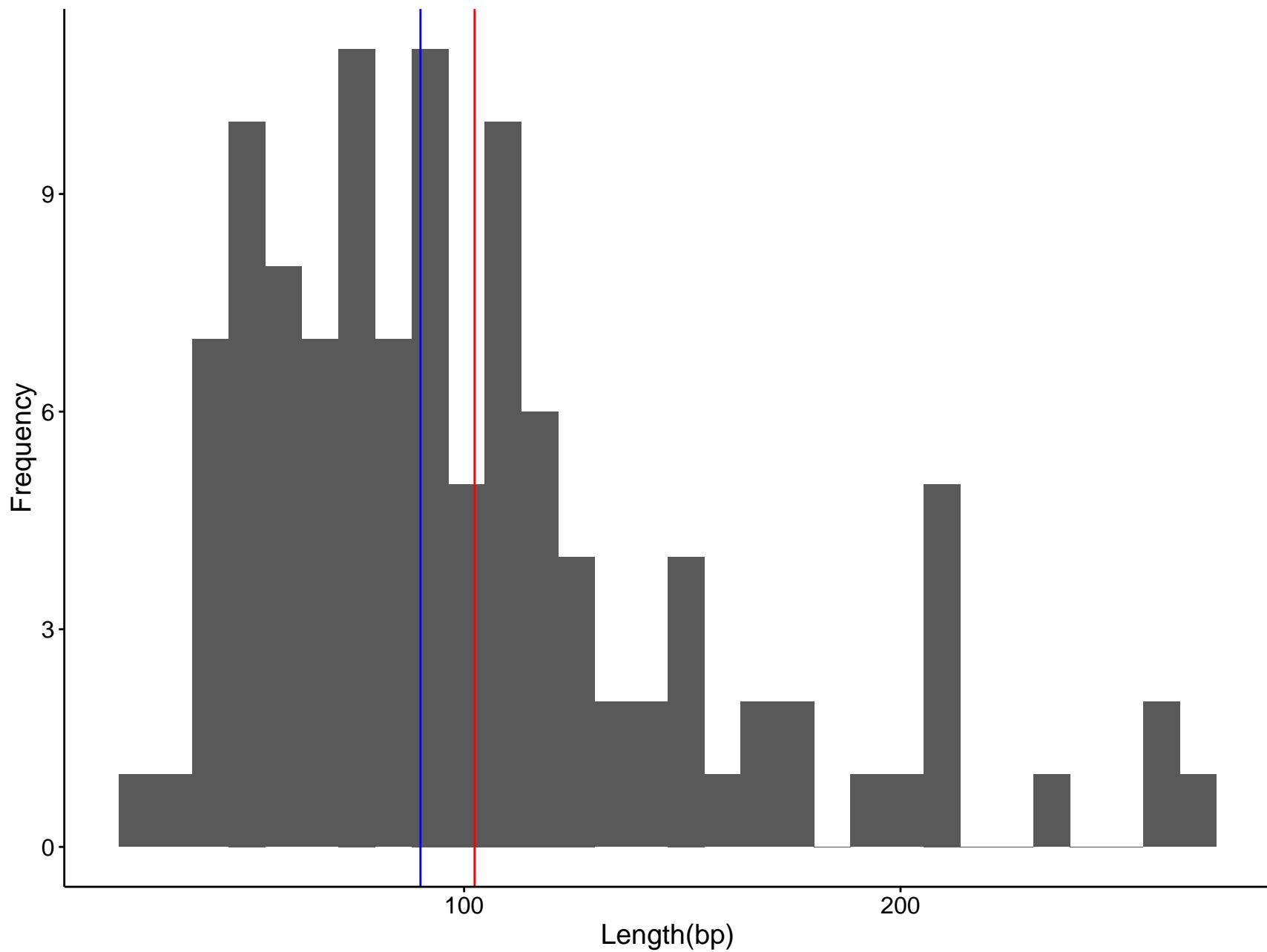
Cluster412



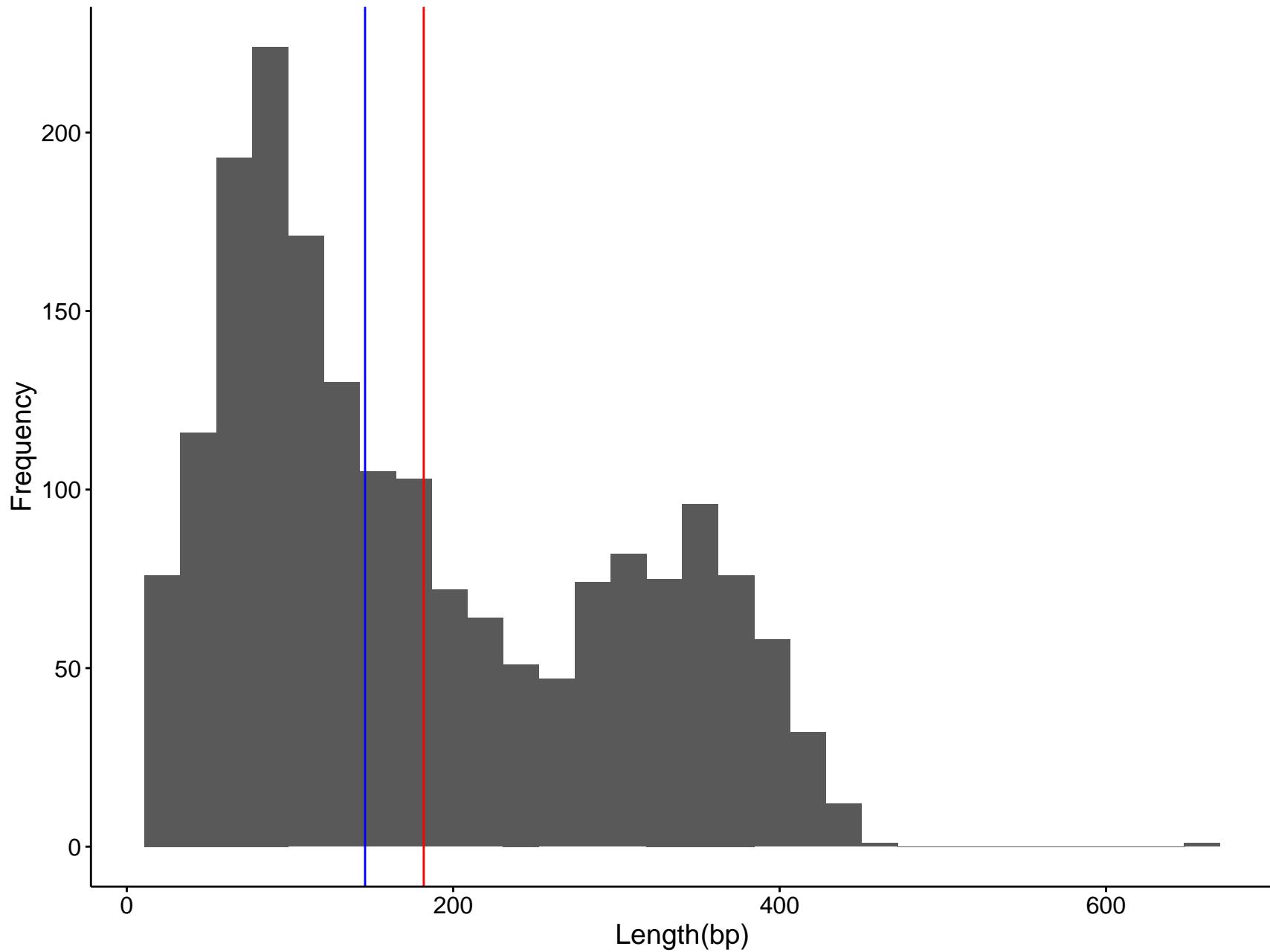
Cluster413



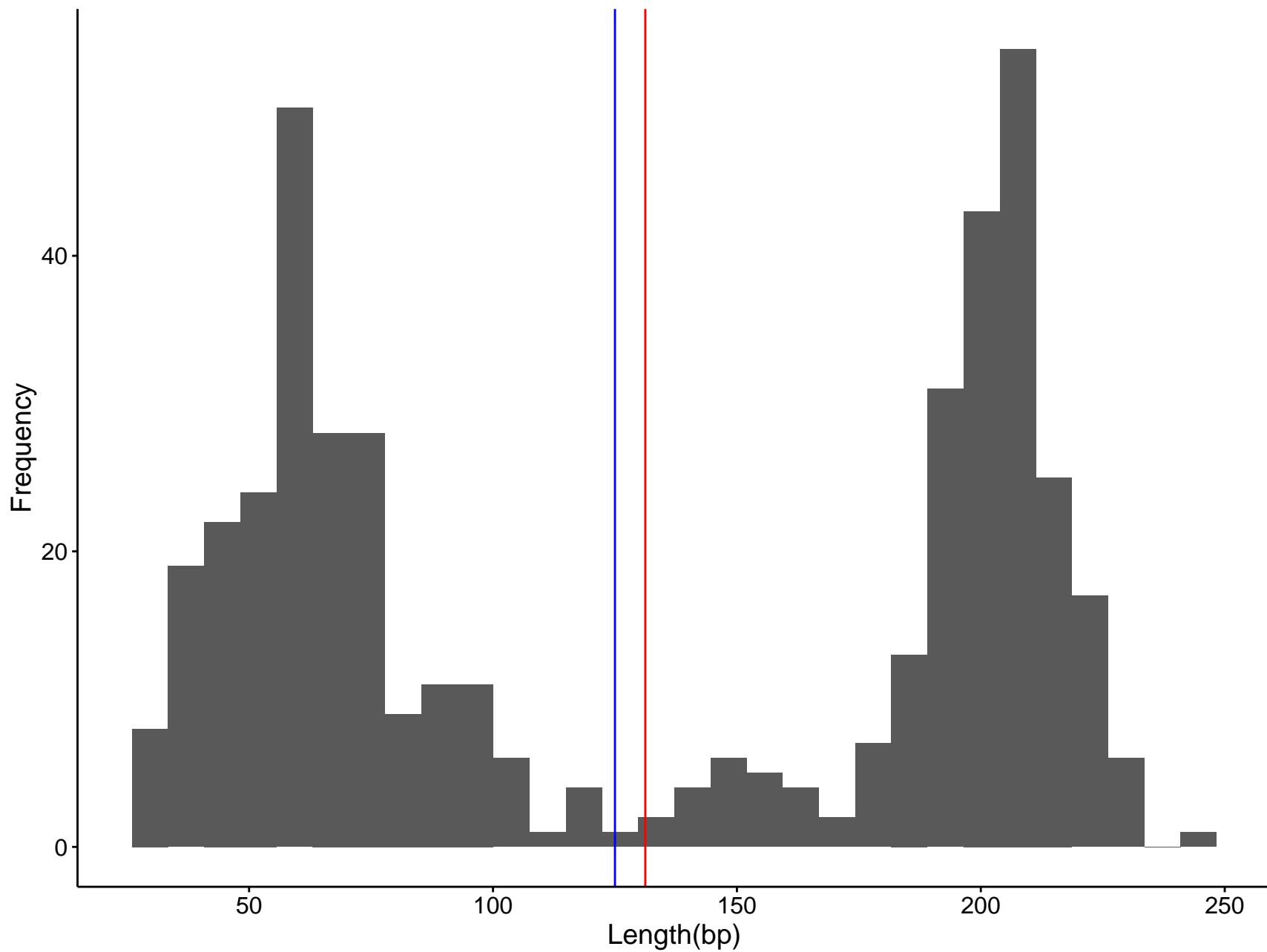
Cluster414



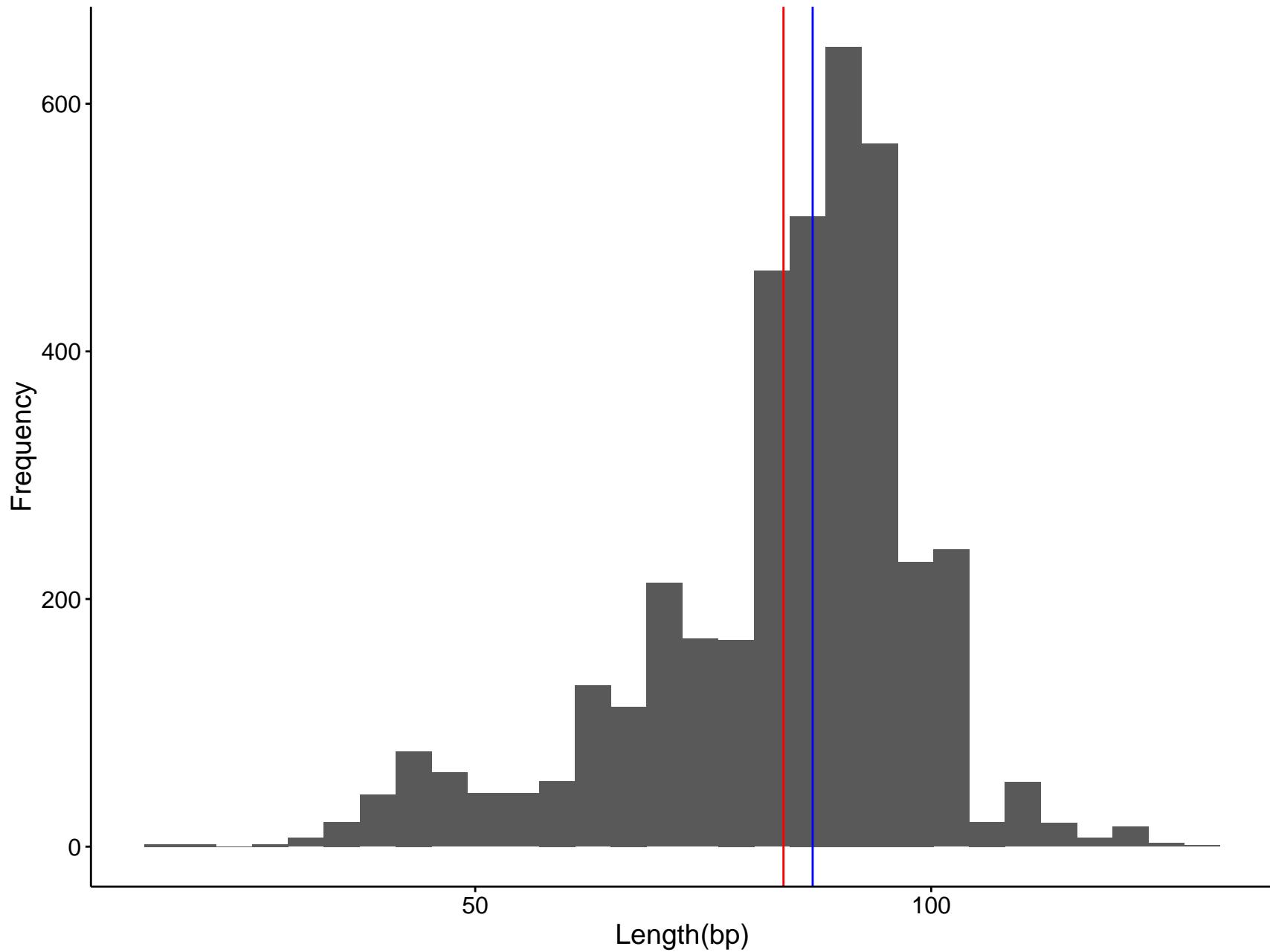
Cluster415



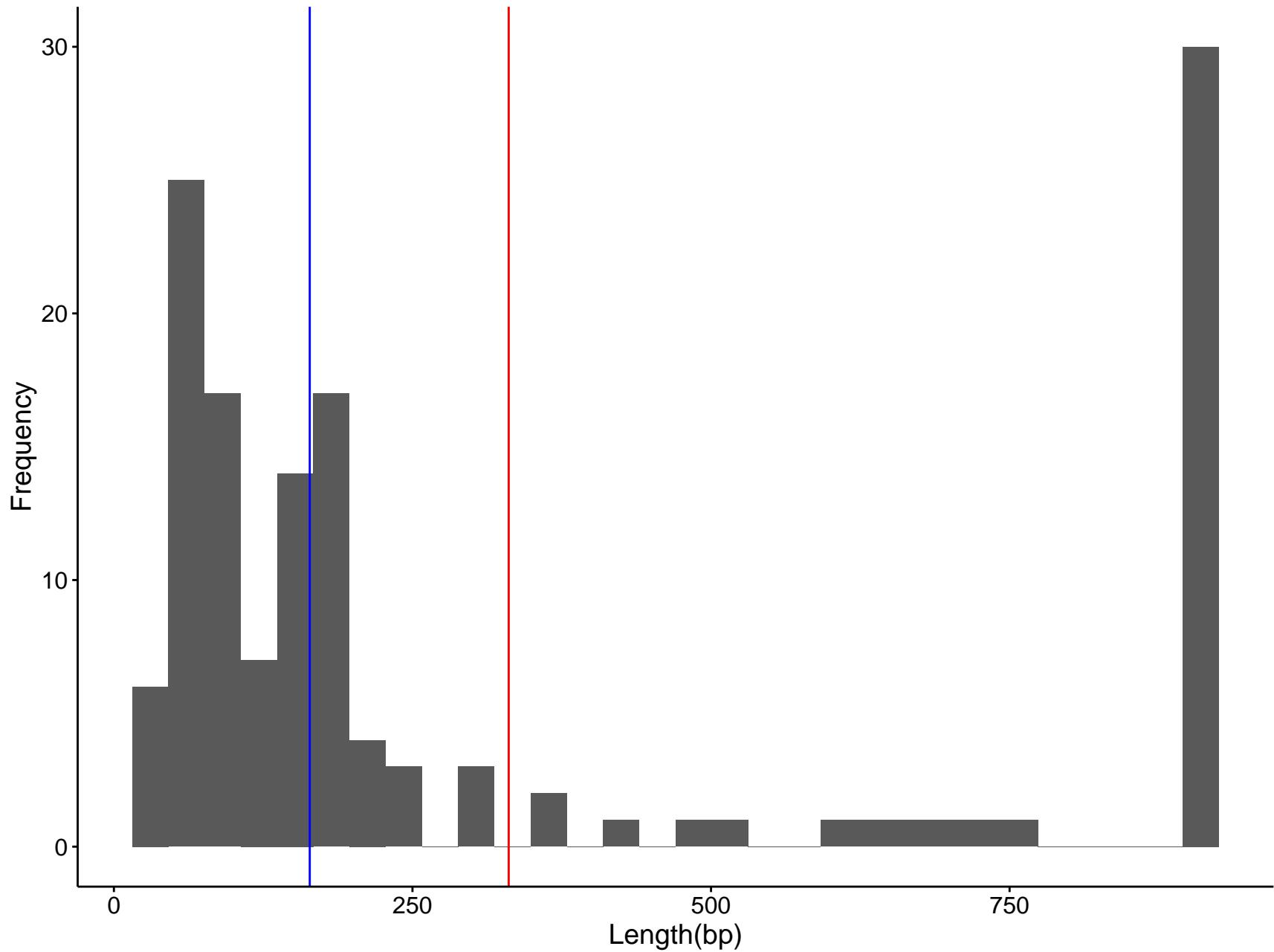
Cluster416



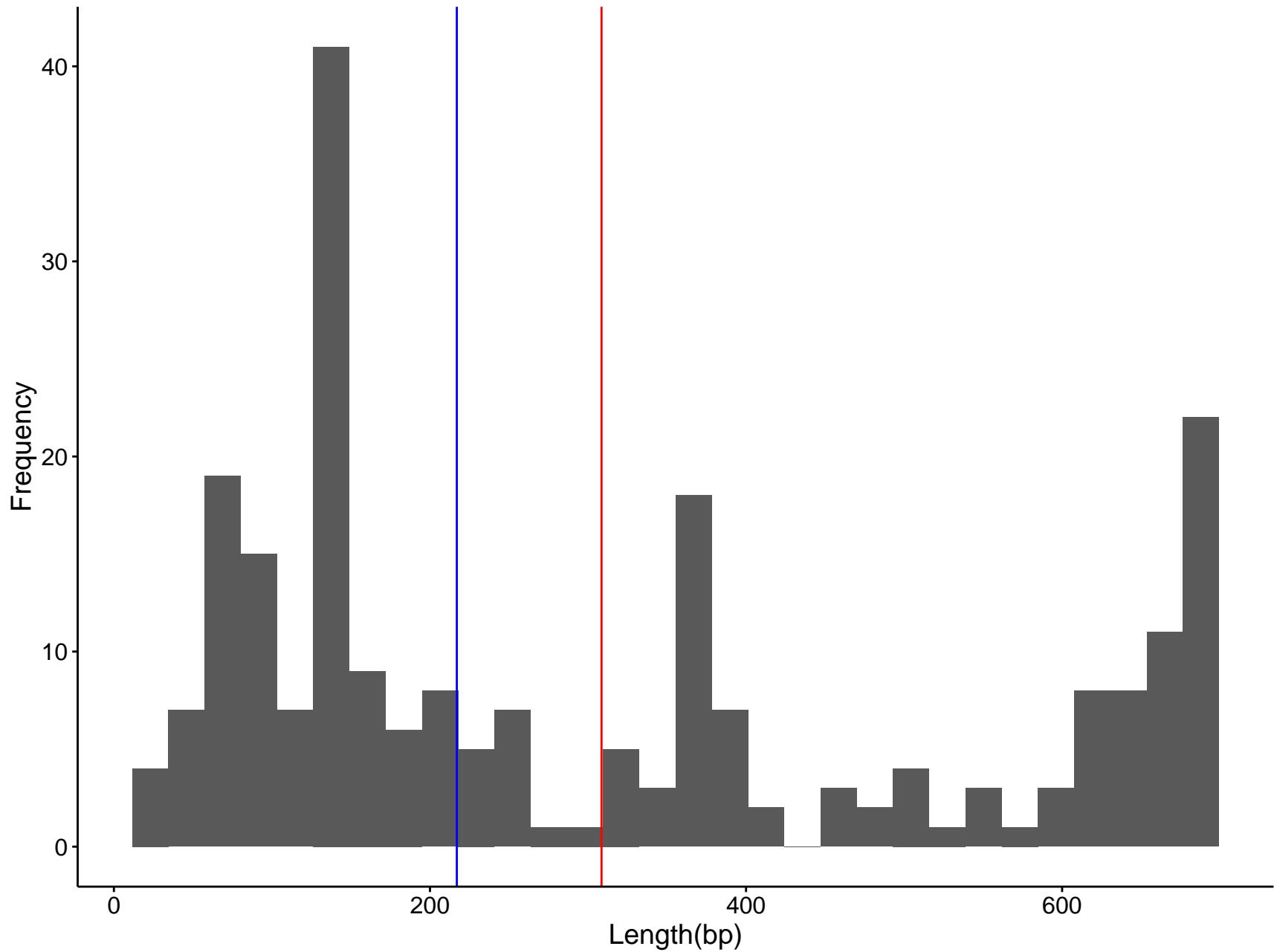
Cluster417



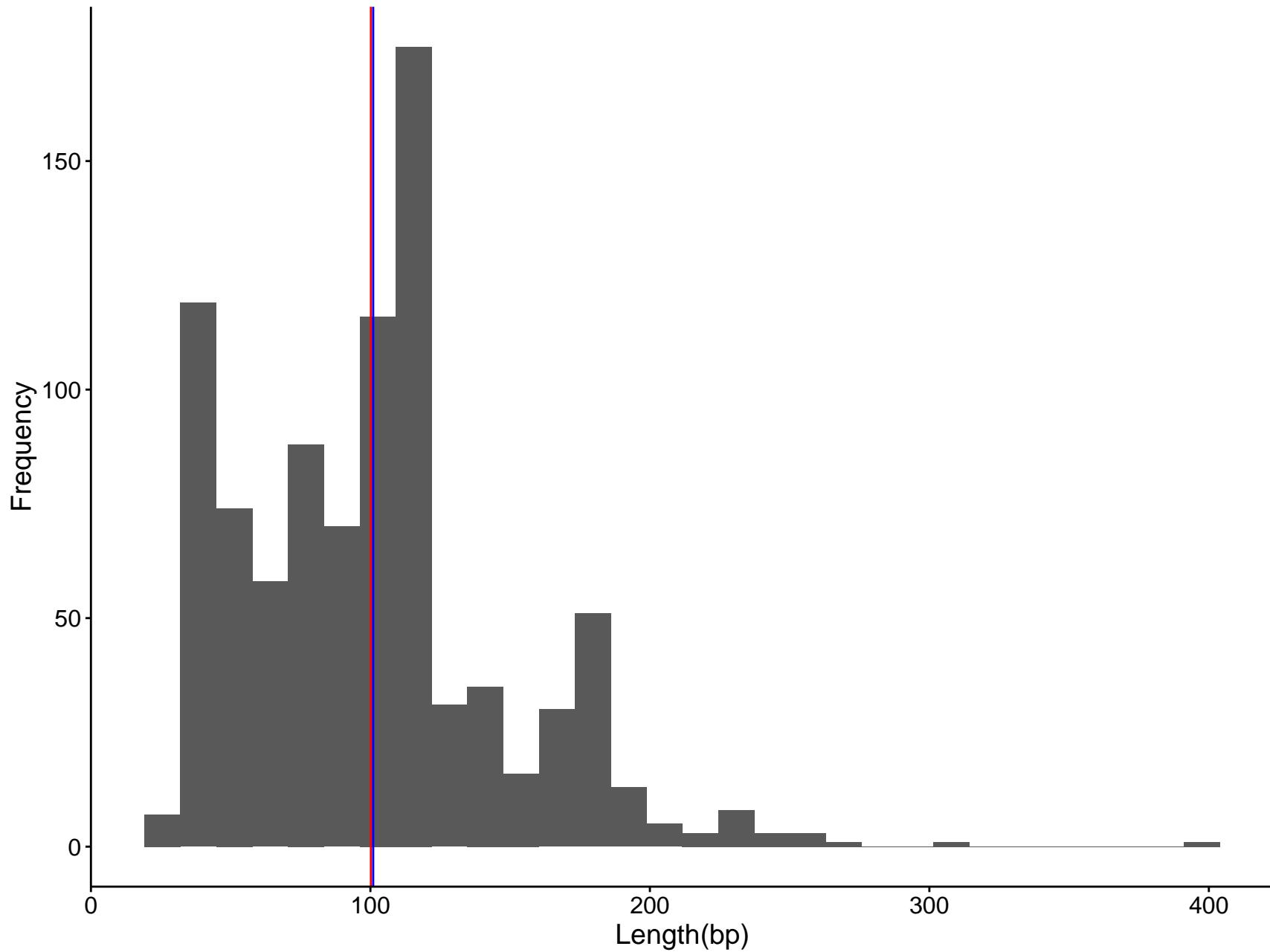
Cluster418



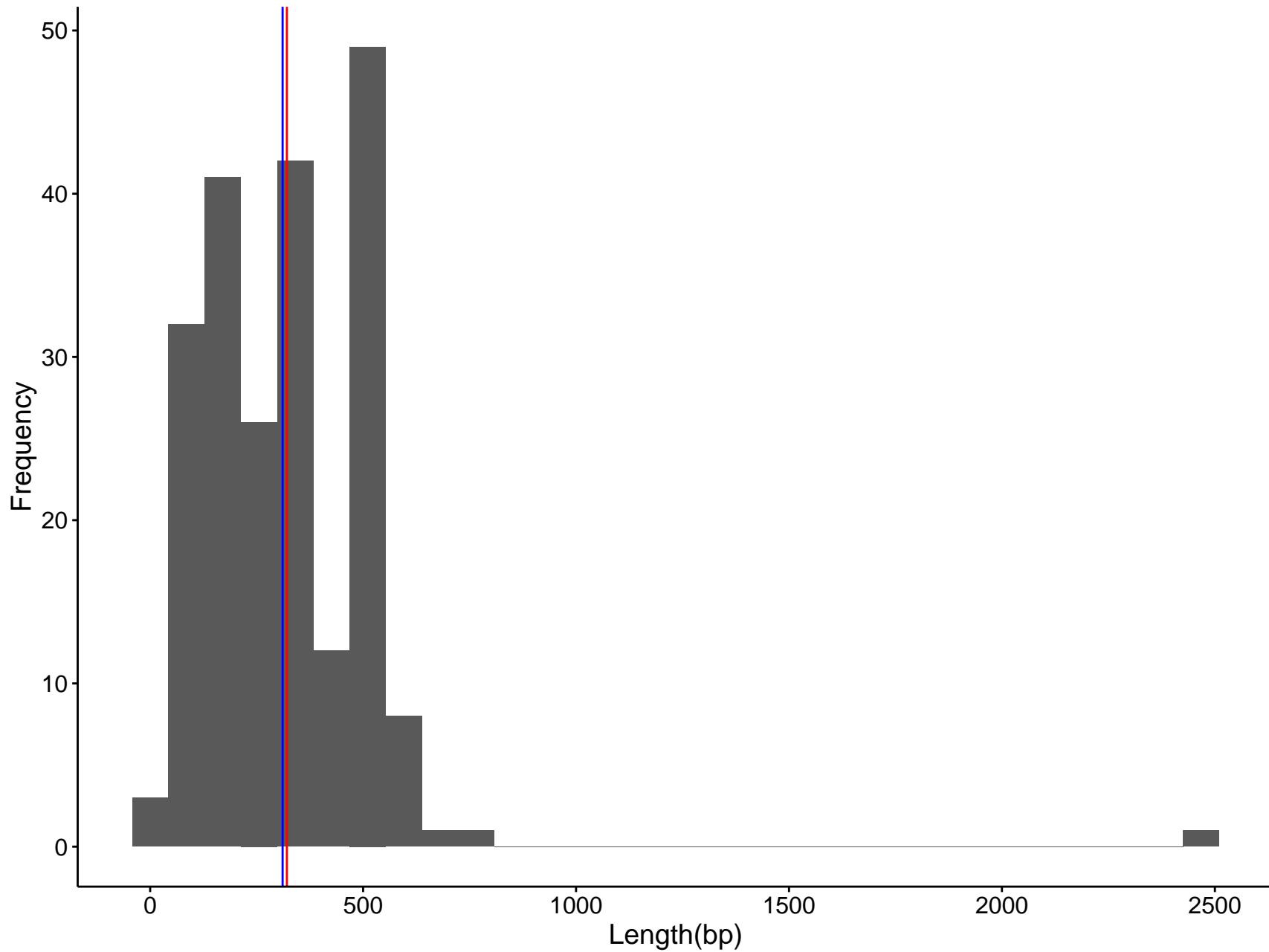
Cluster41



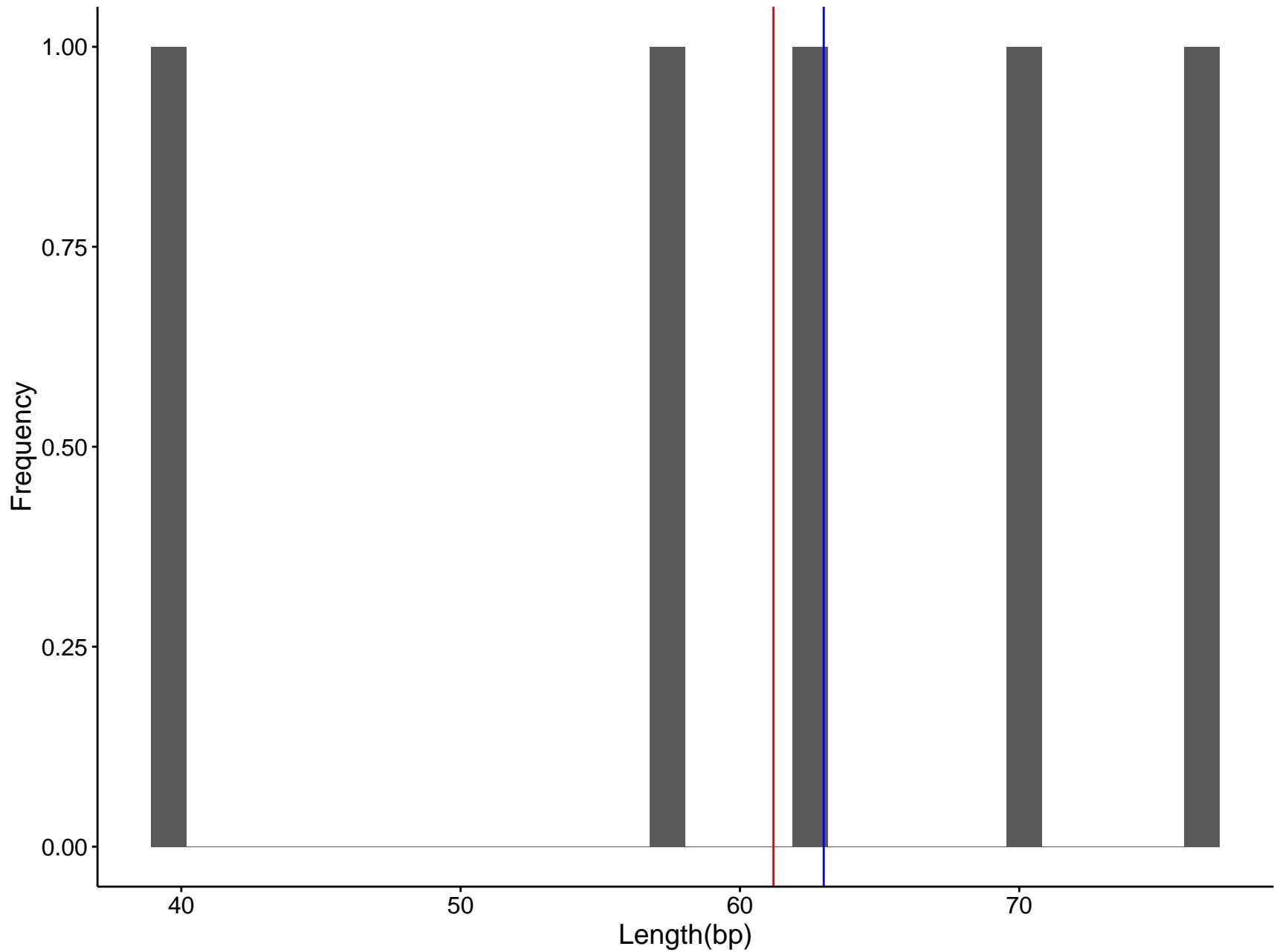
Cluster420



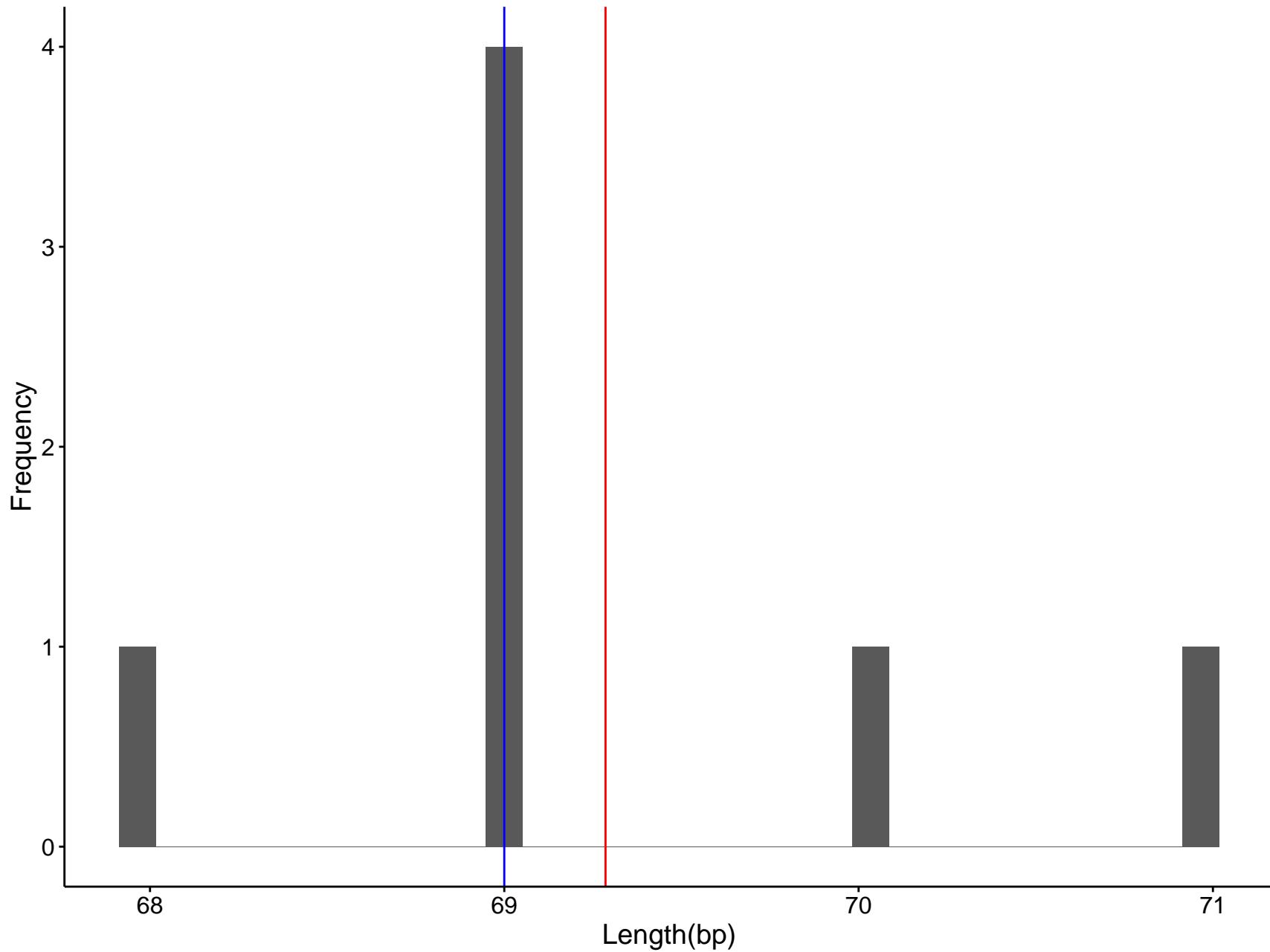
Cluster421



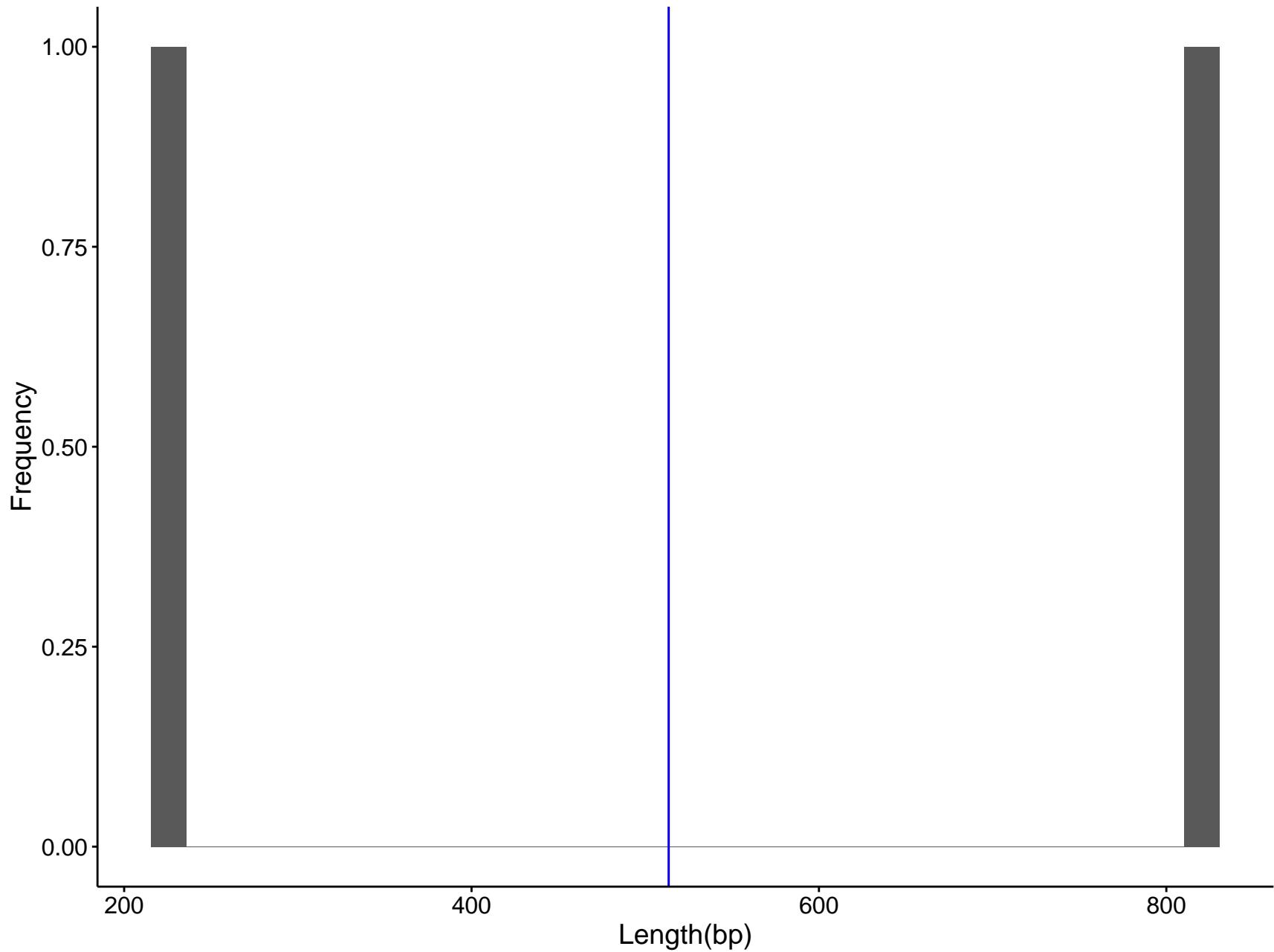
Cluster422



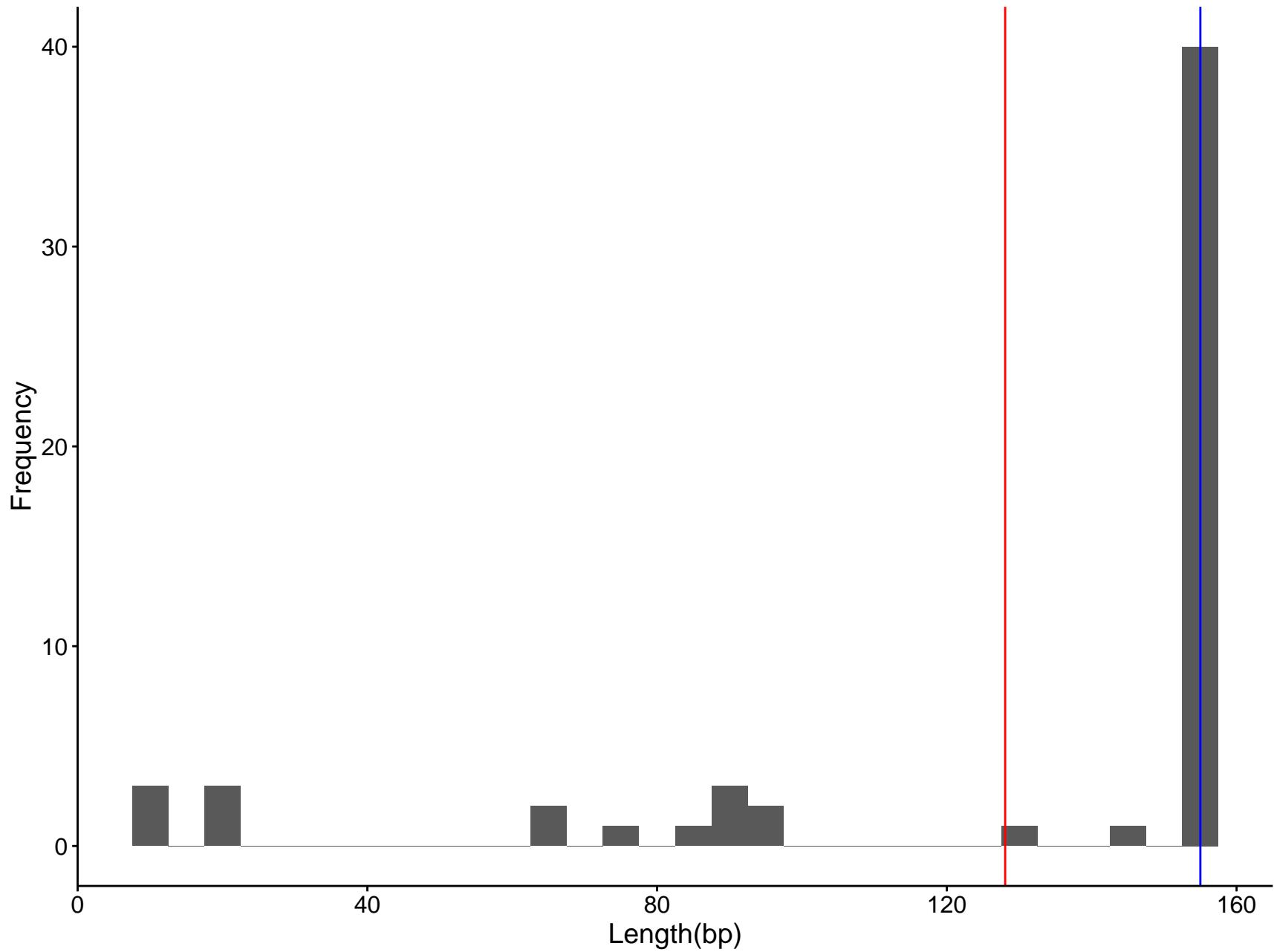
Cluster423



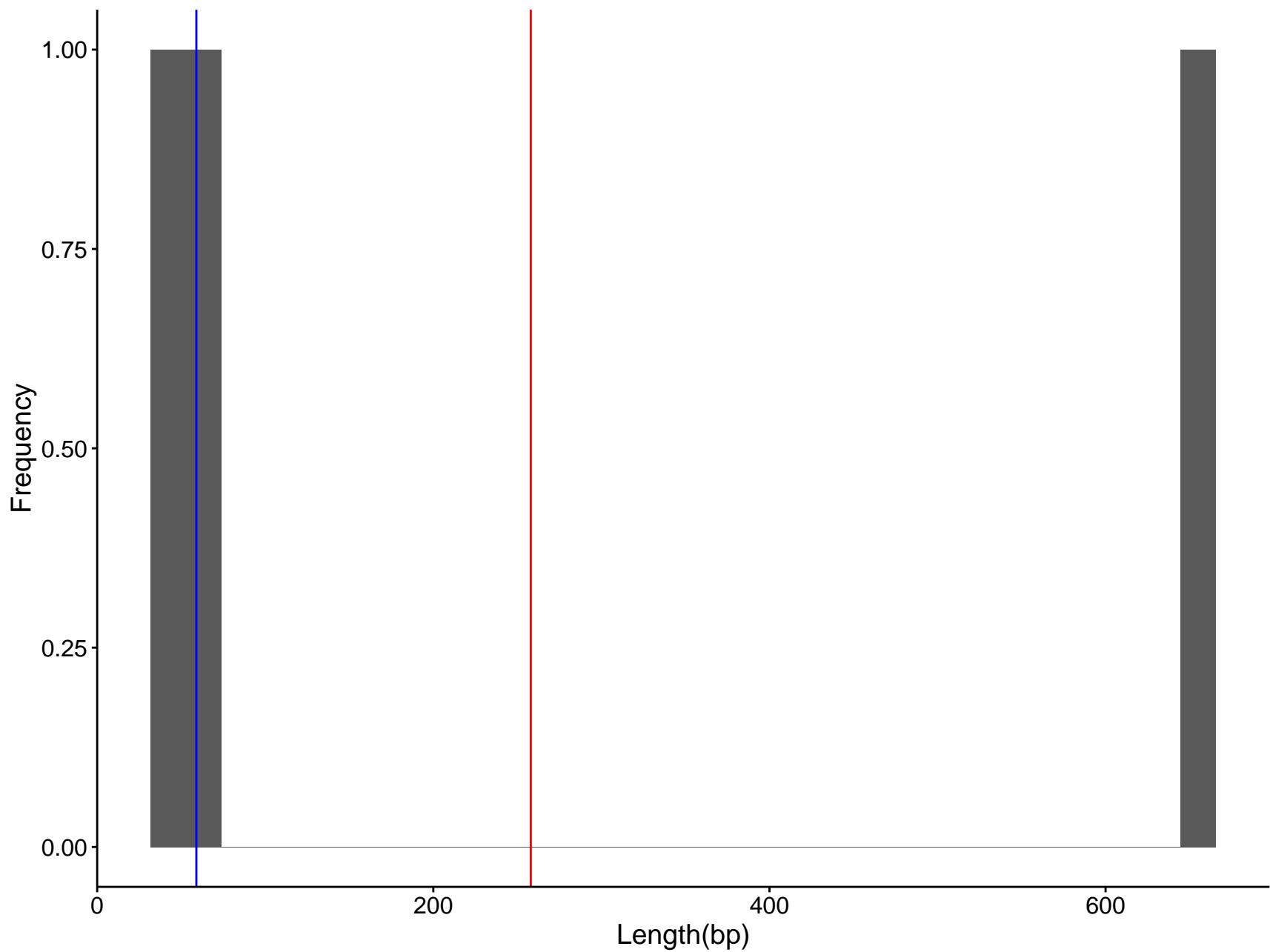
Cluster427



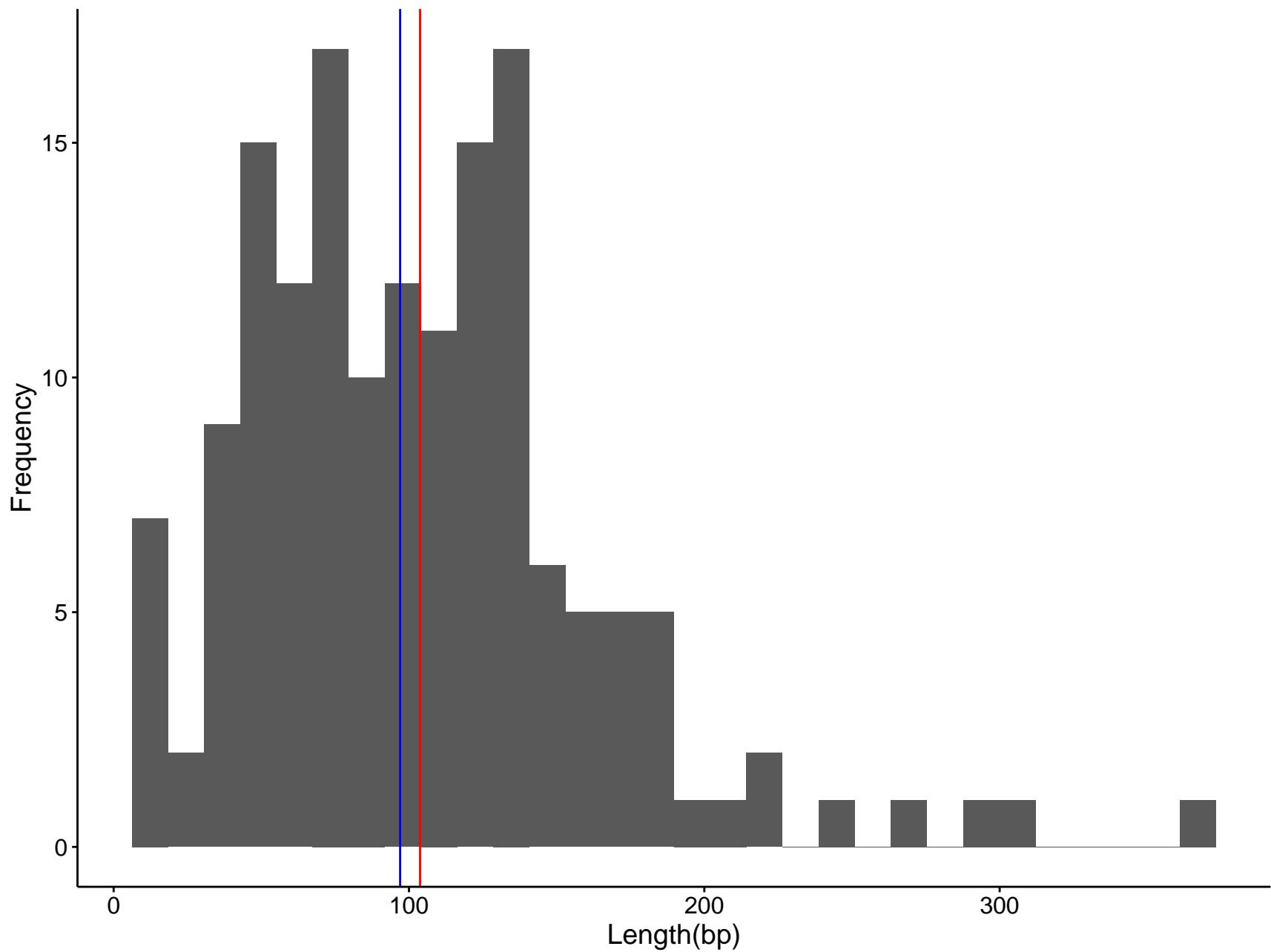
Cluster428



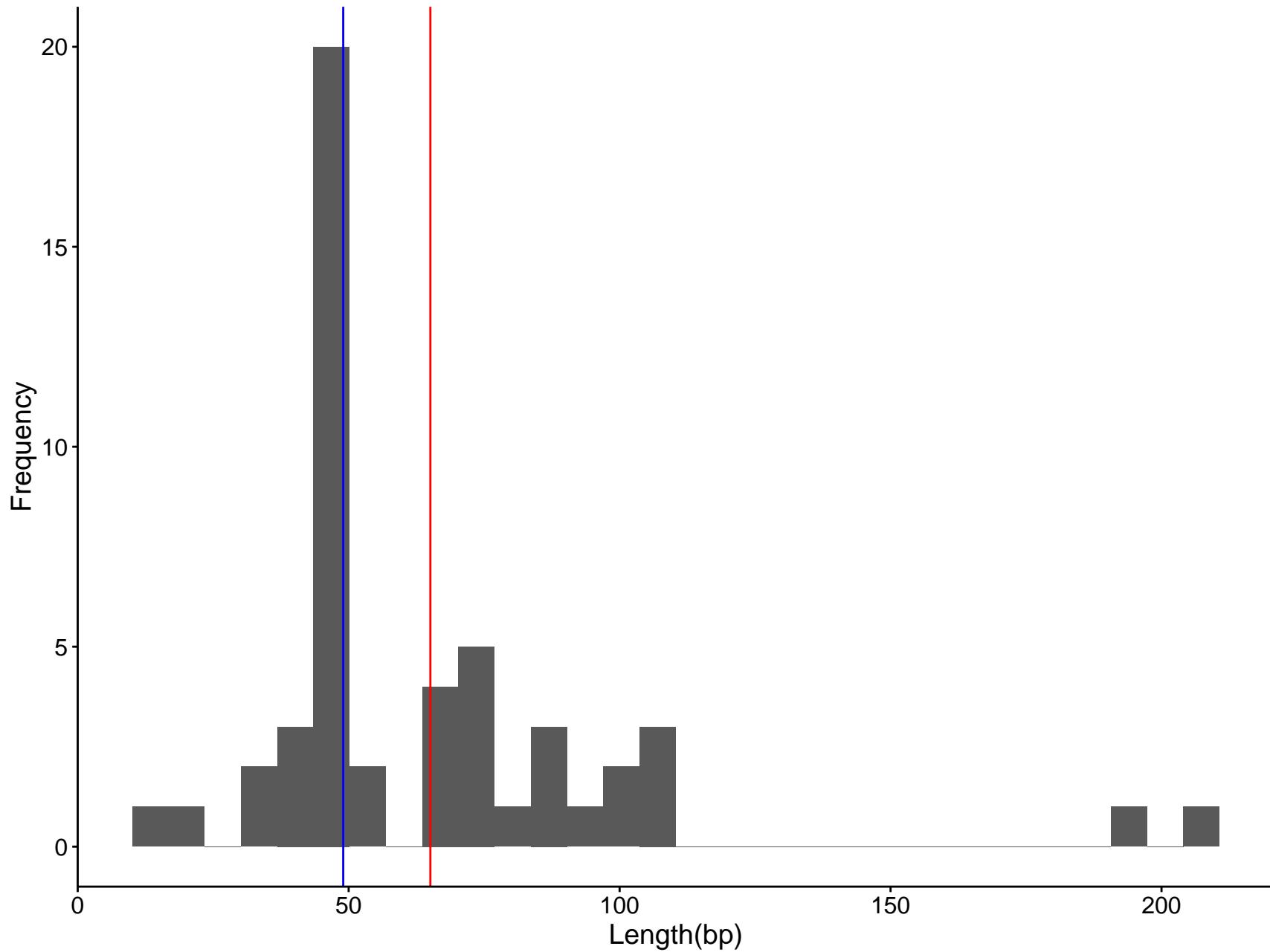
Cluster429



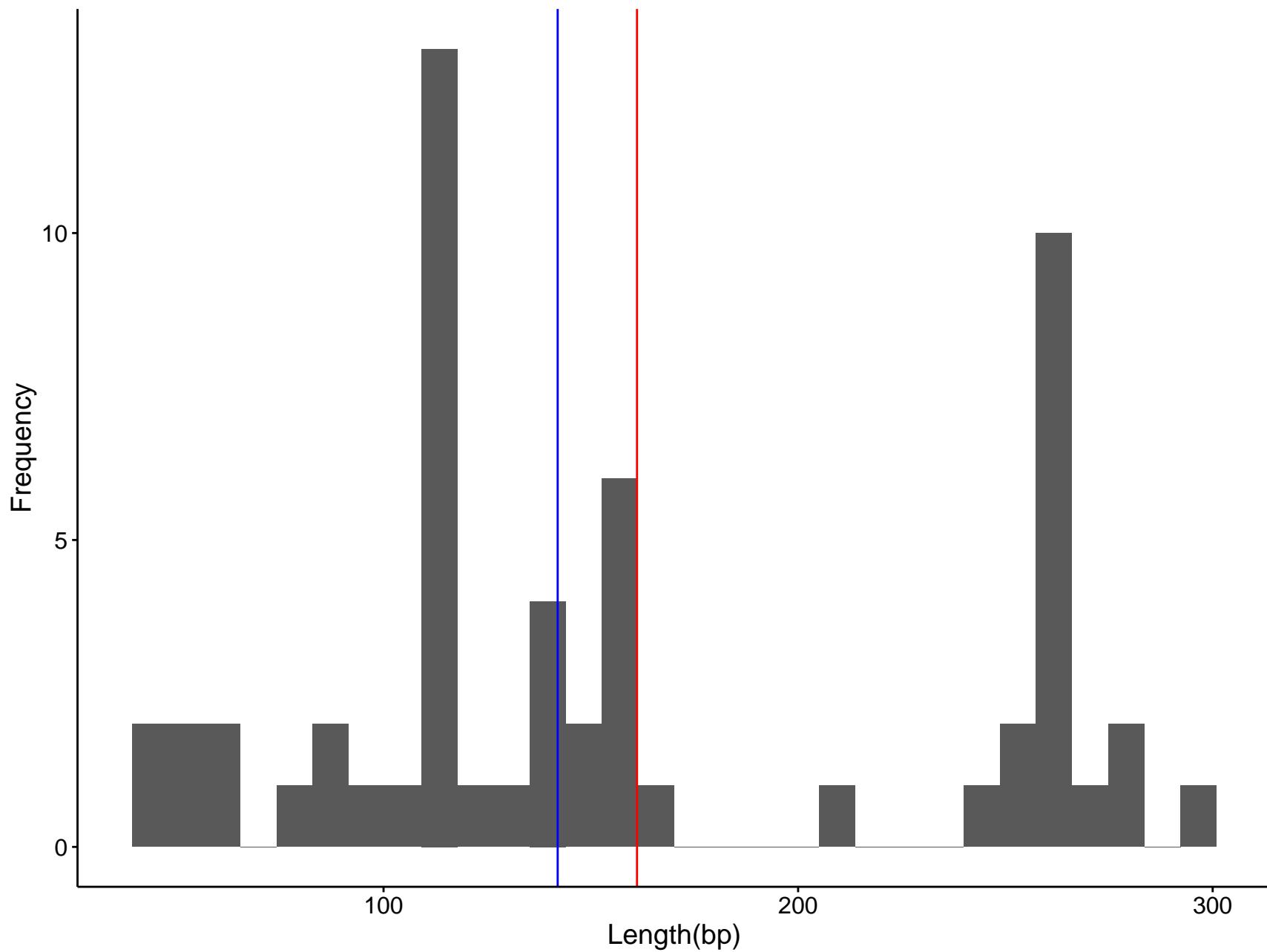
Cluster42



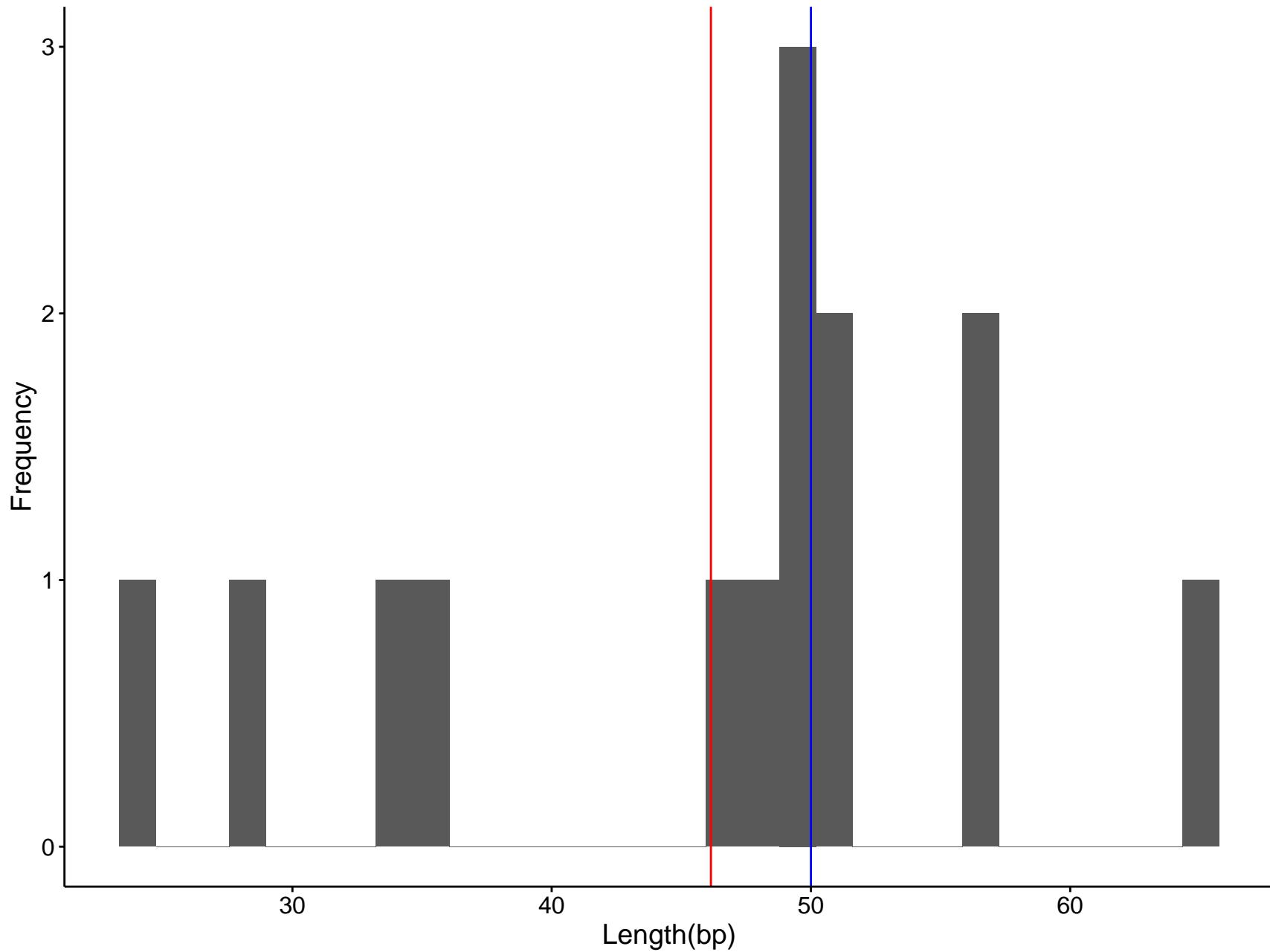
Cluster431



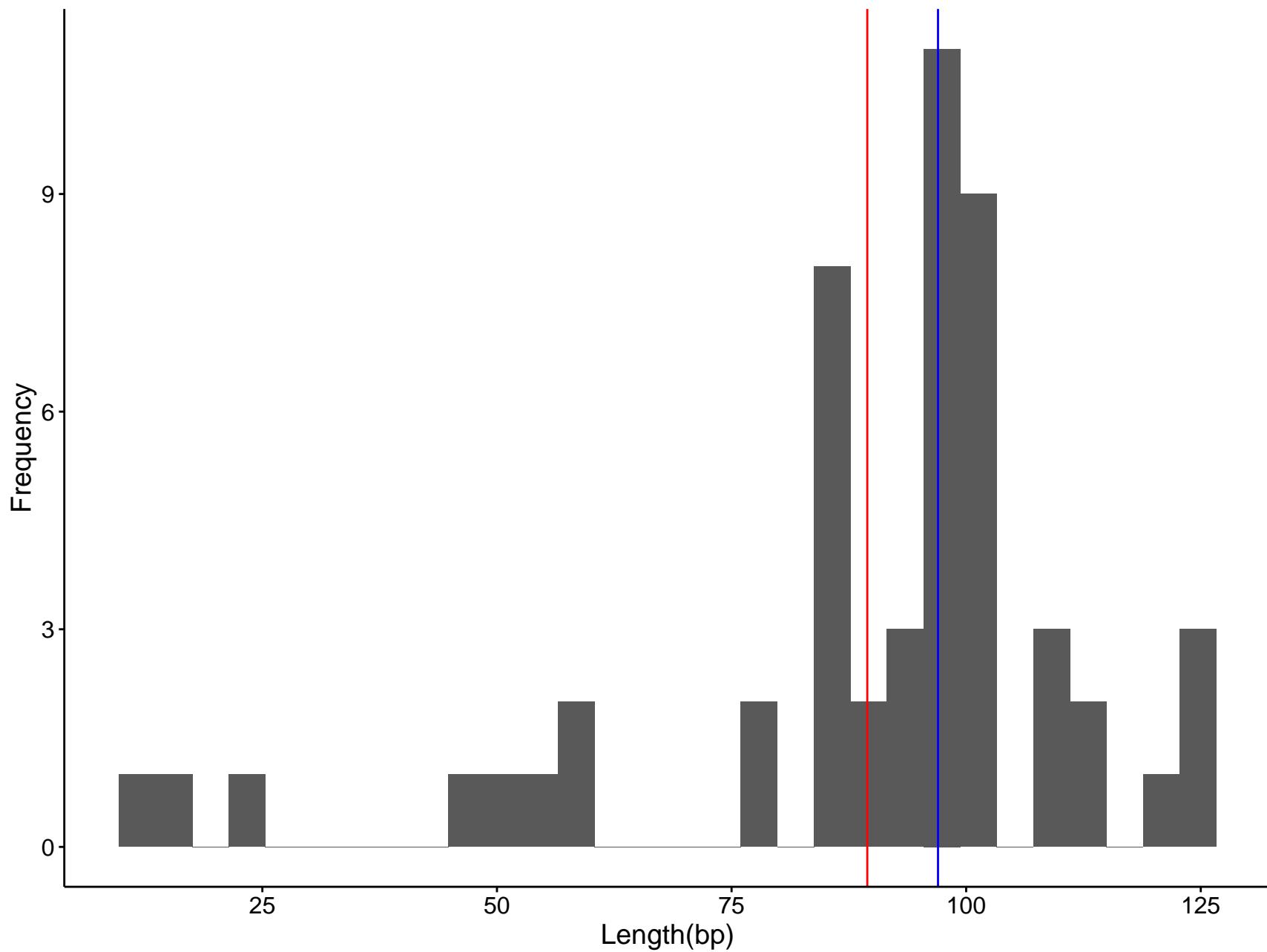
Cluster432



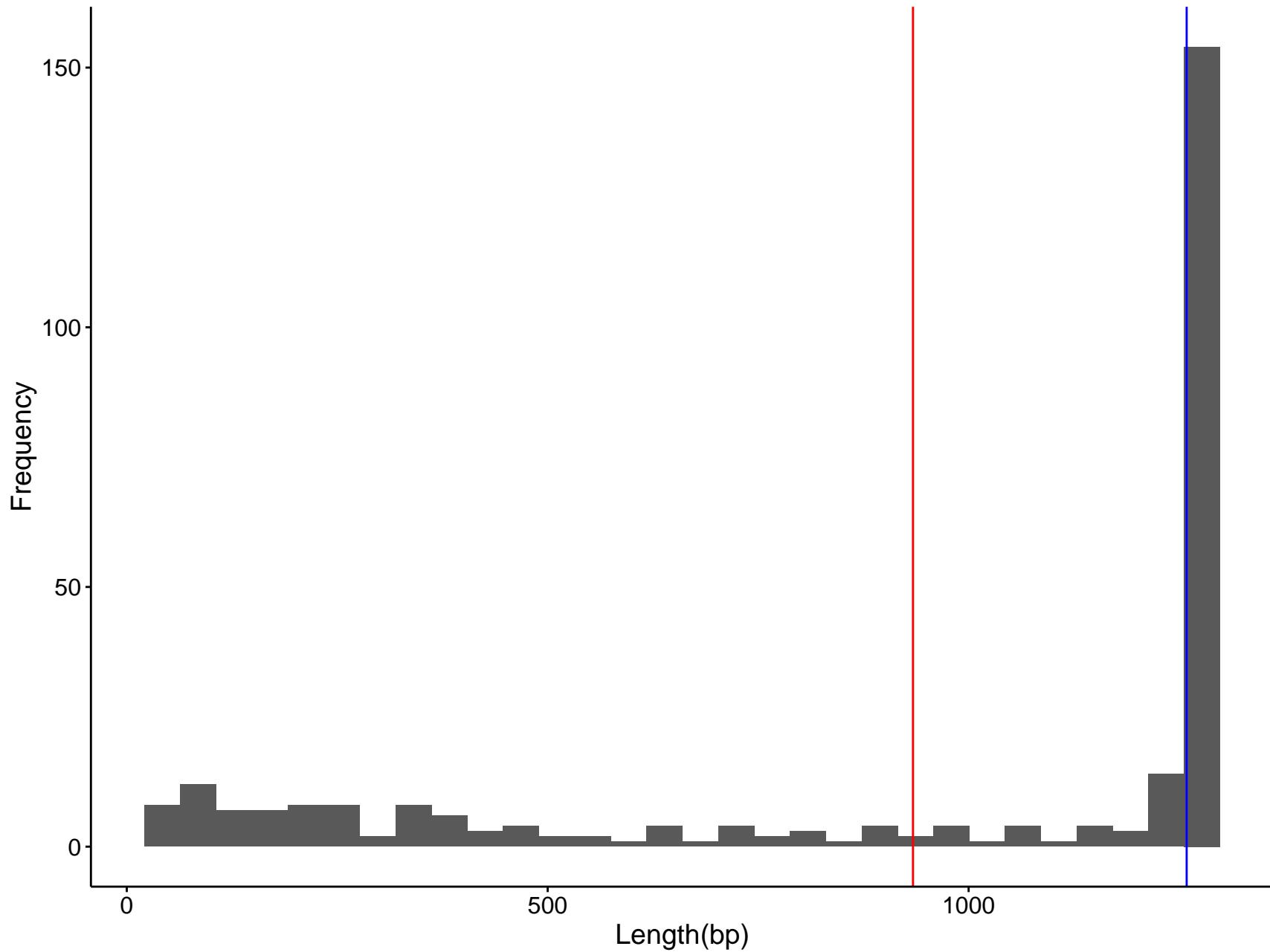
Cluster433



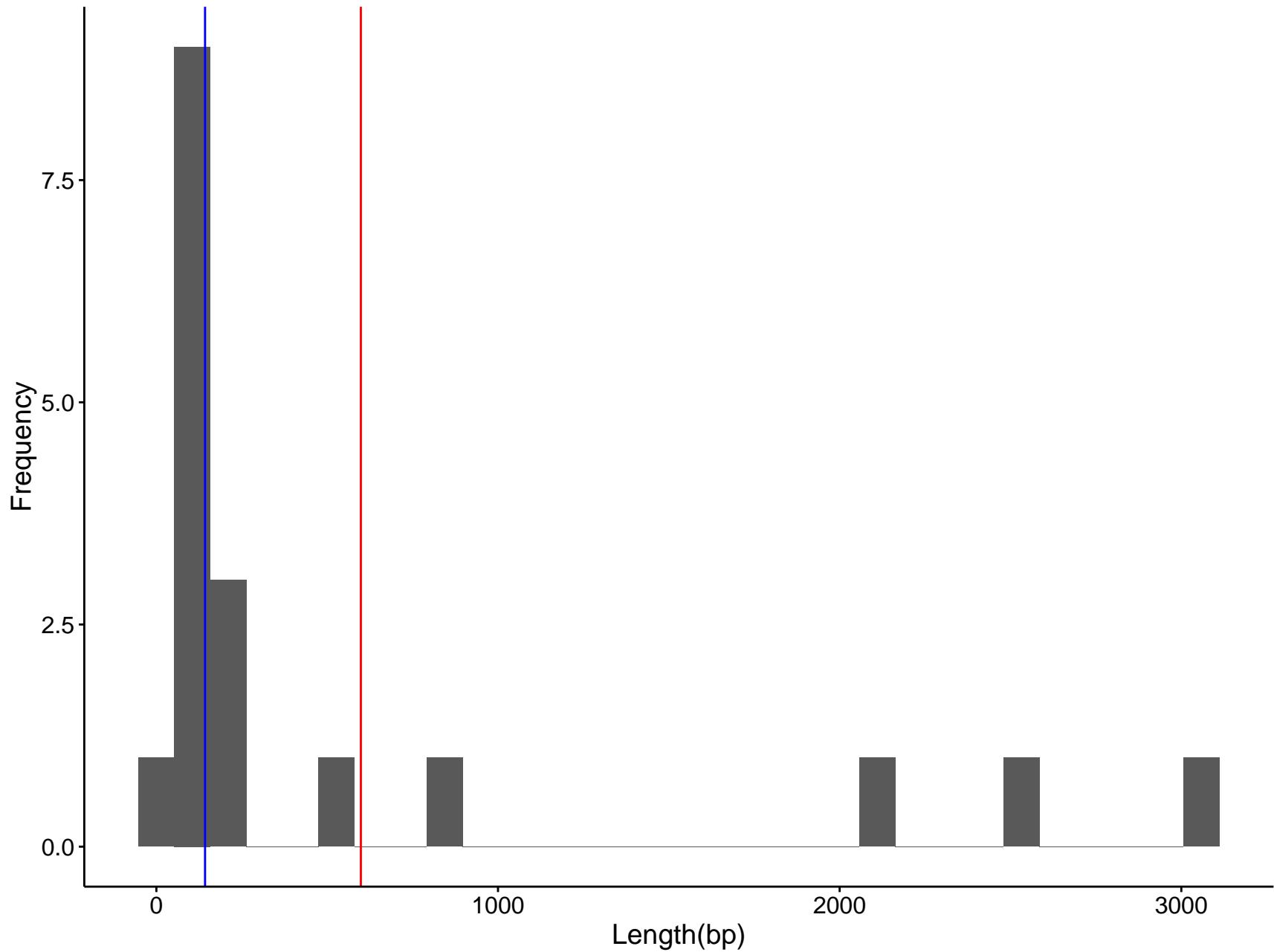
Cluster434



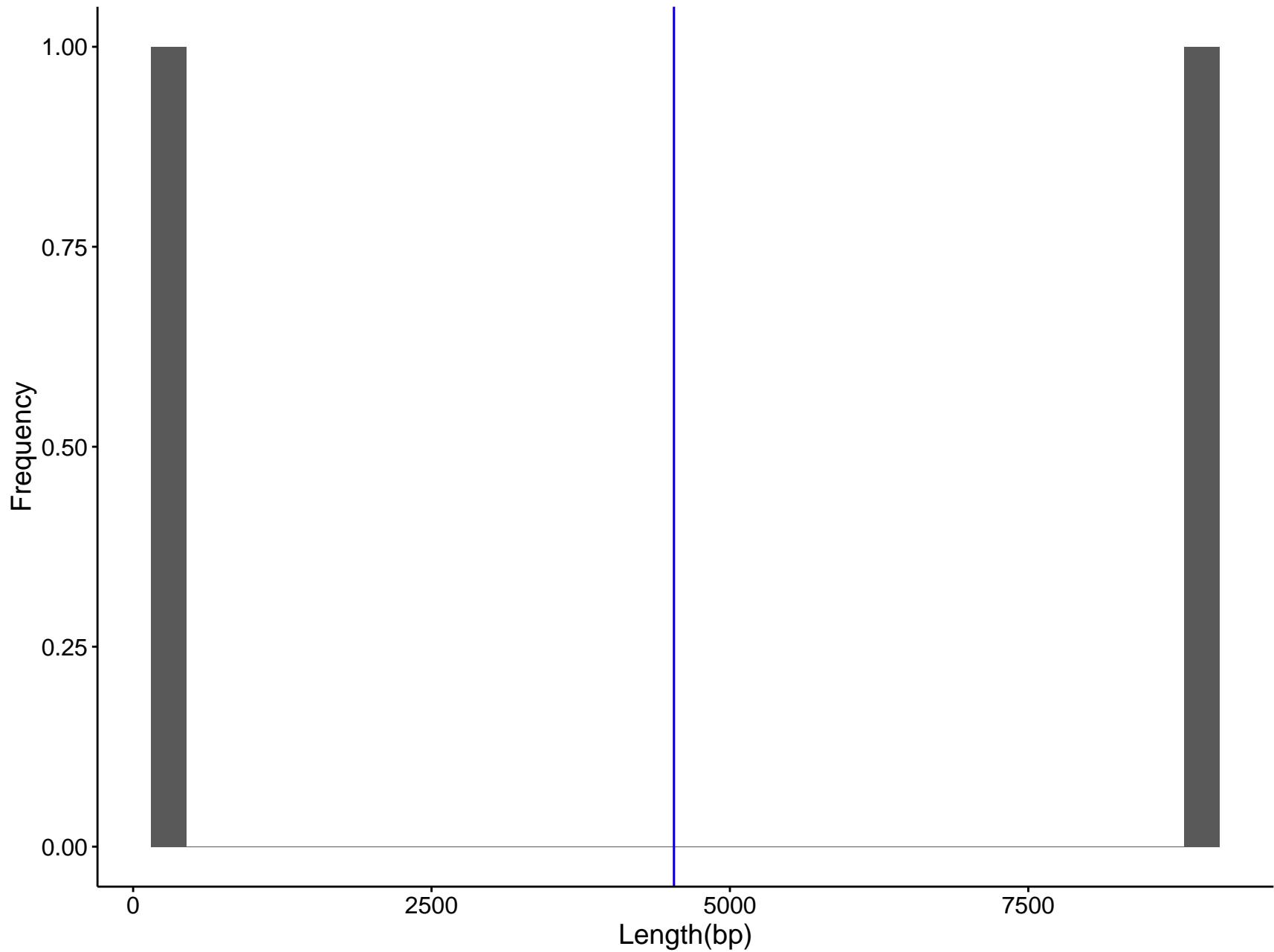
Cluster444



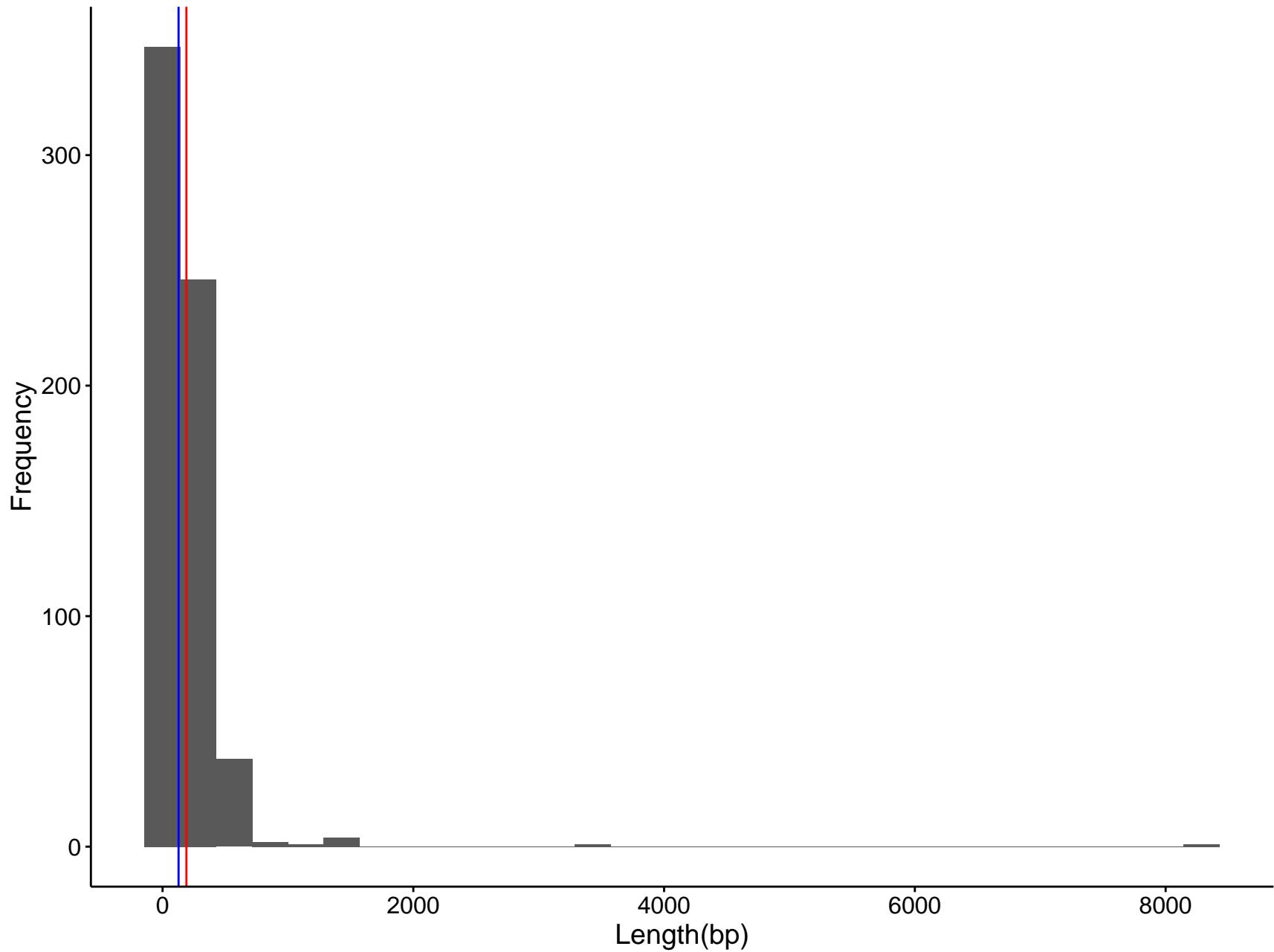
Cluster445



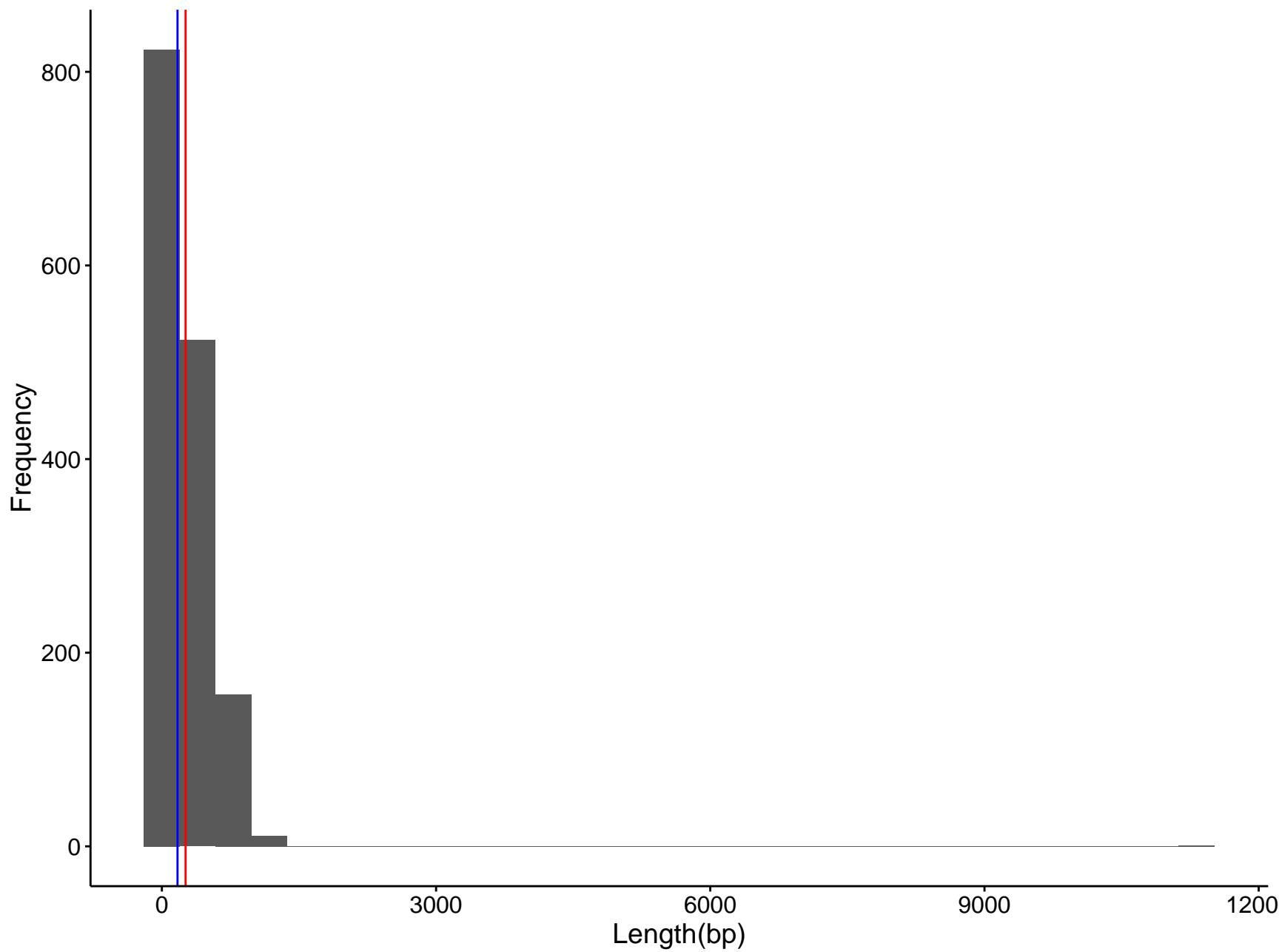
Cluster447



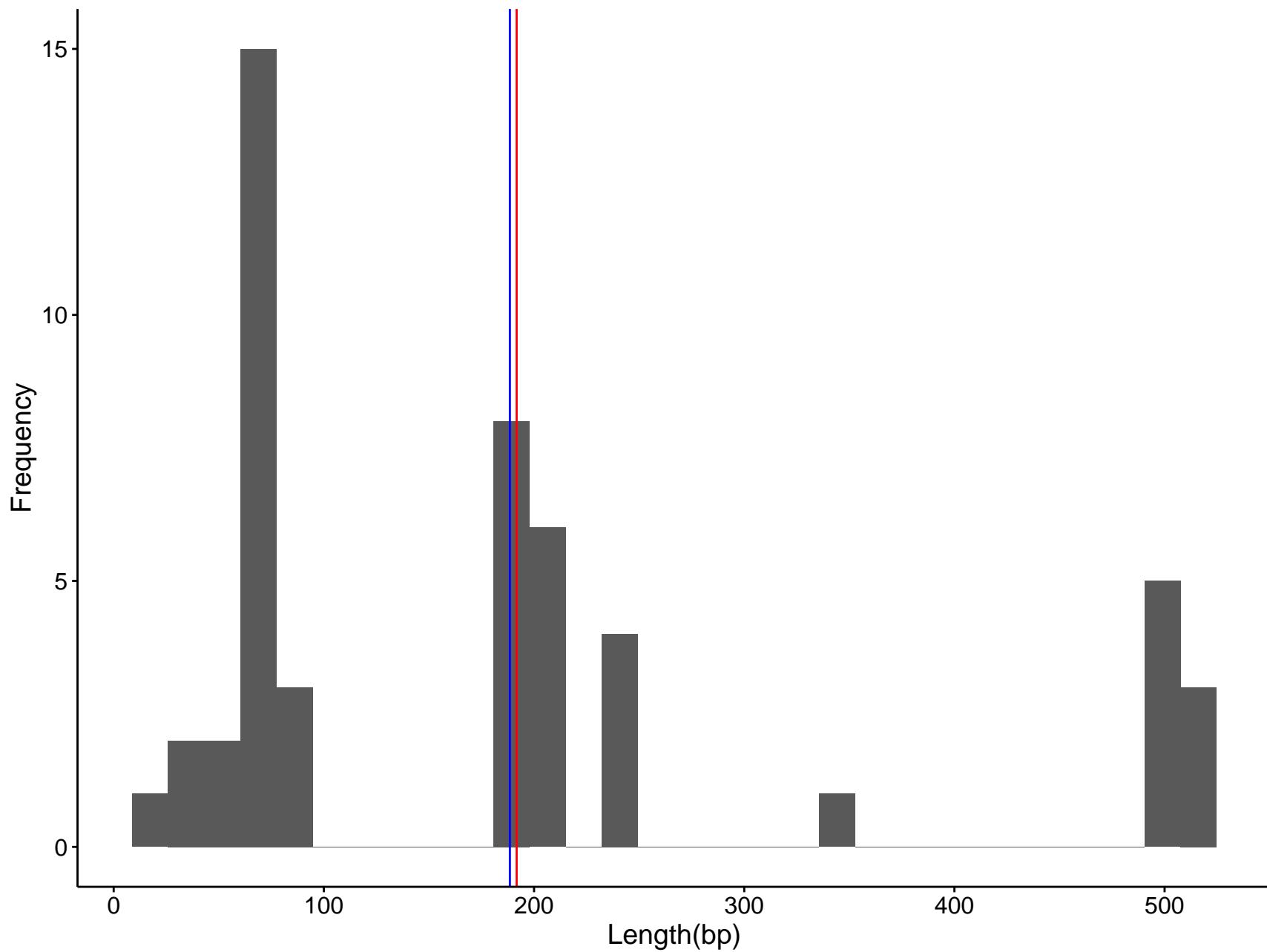
Cluster448



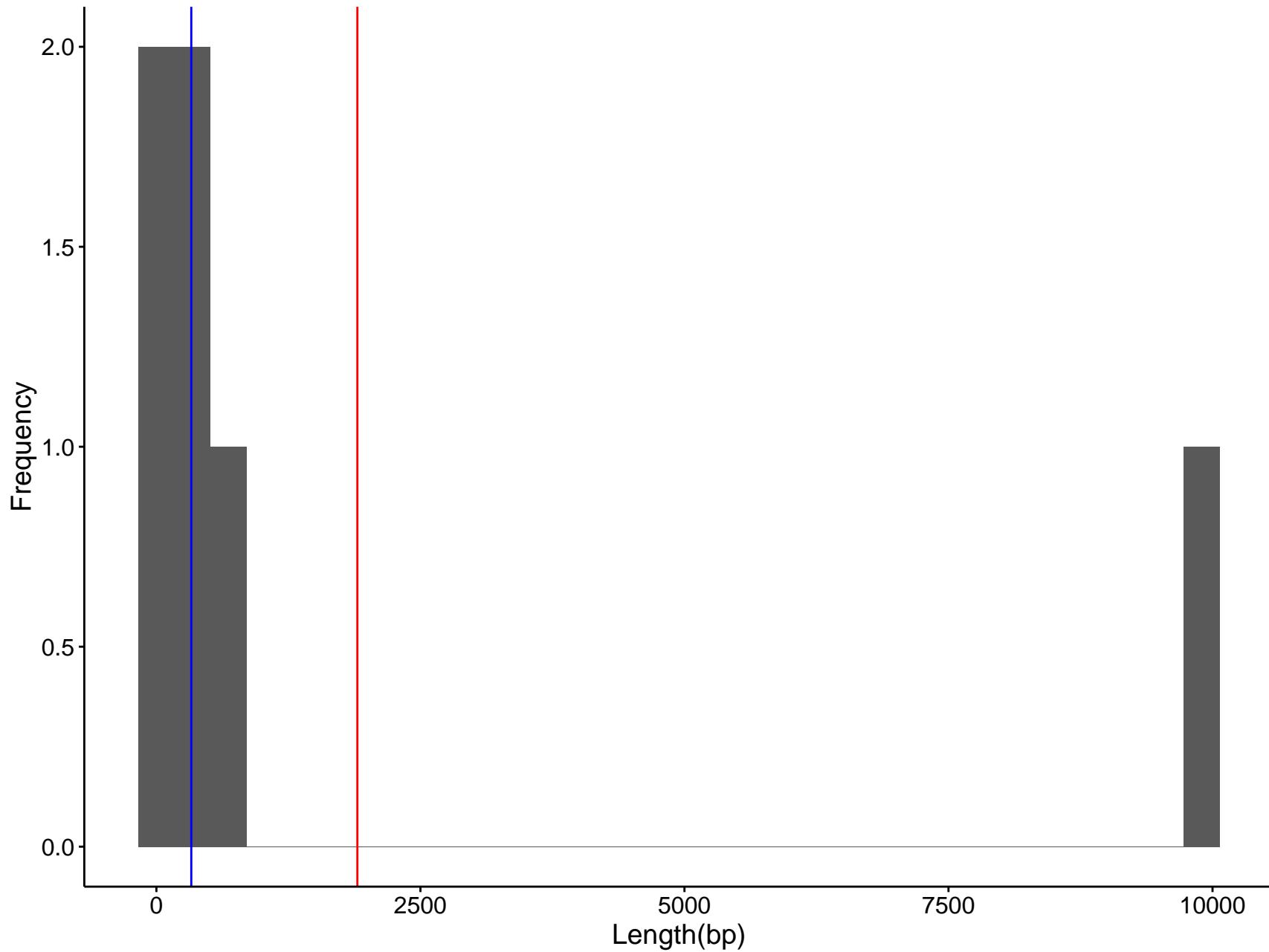
Cluster449



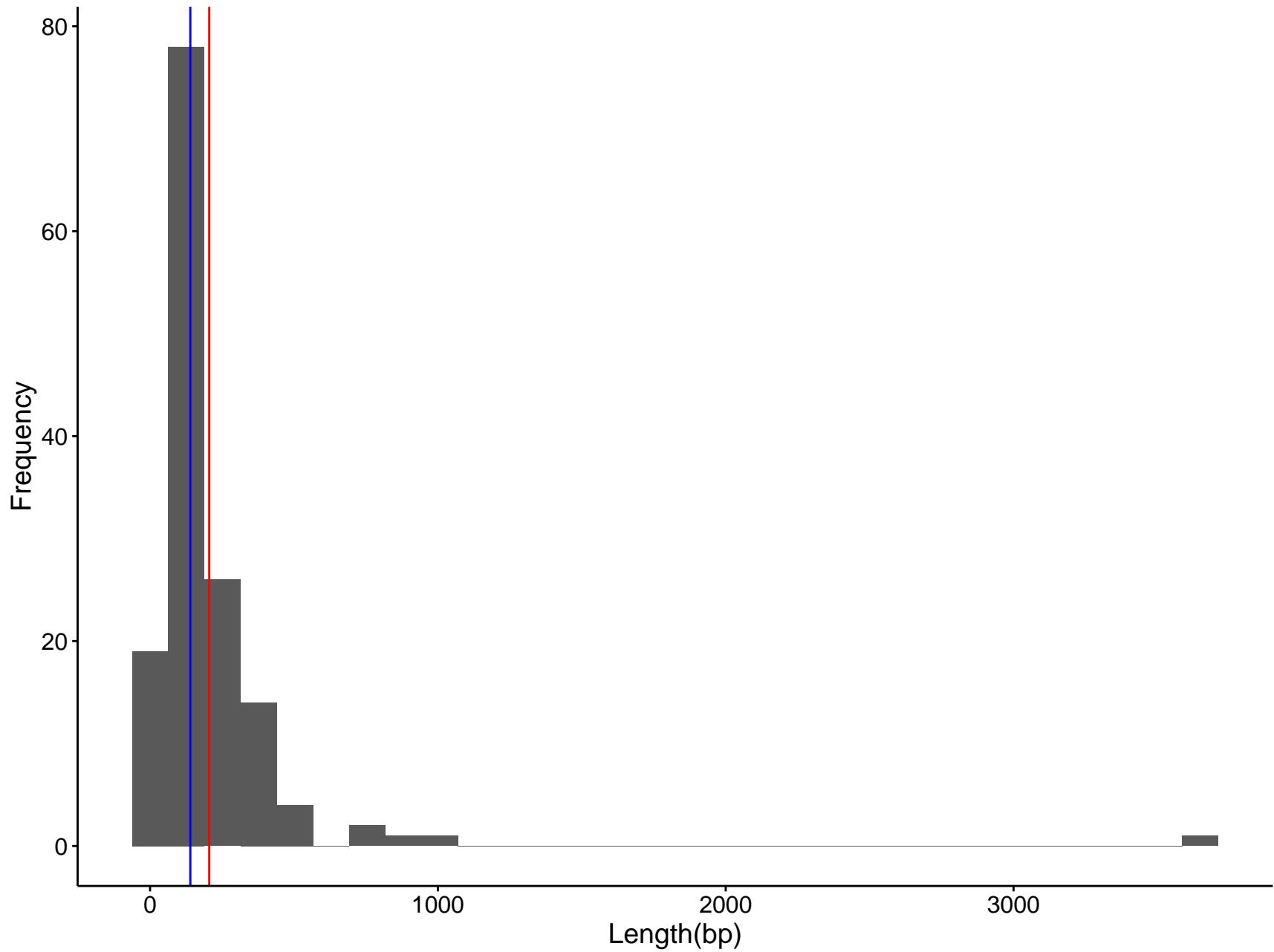
Cluster44

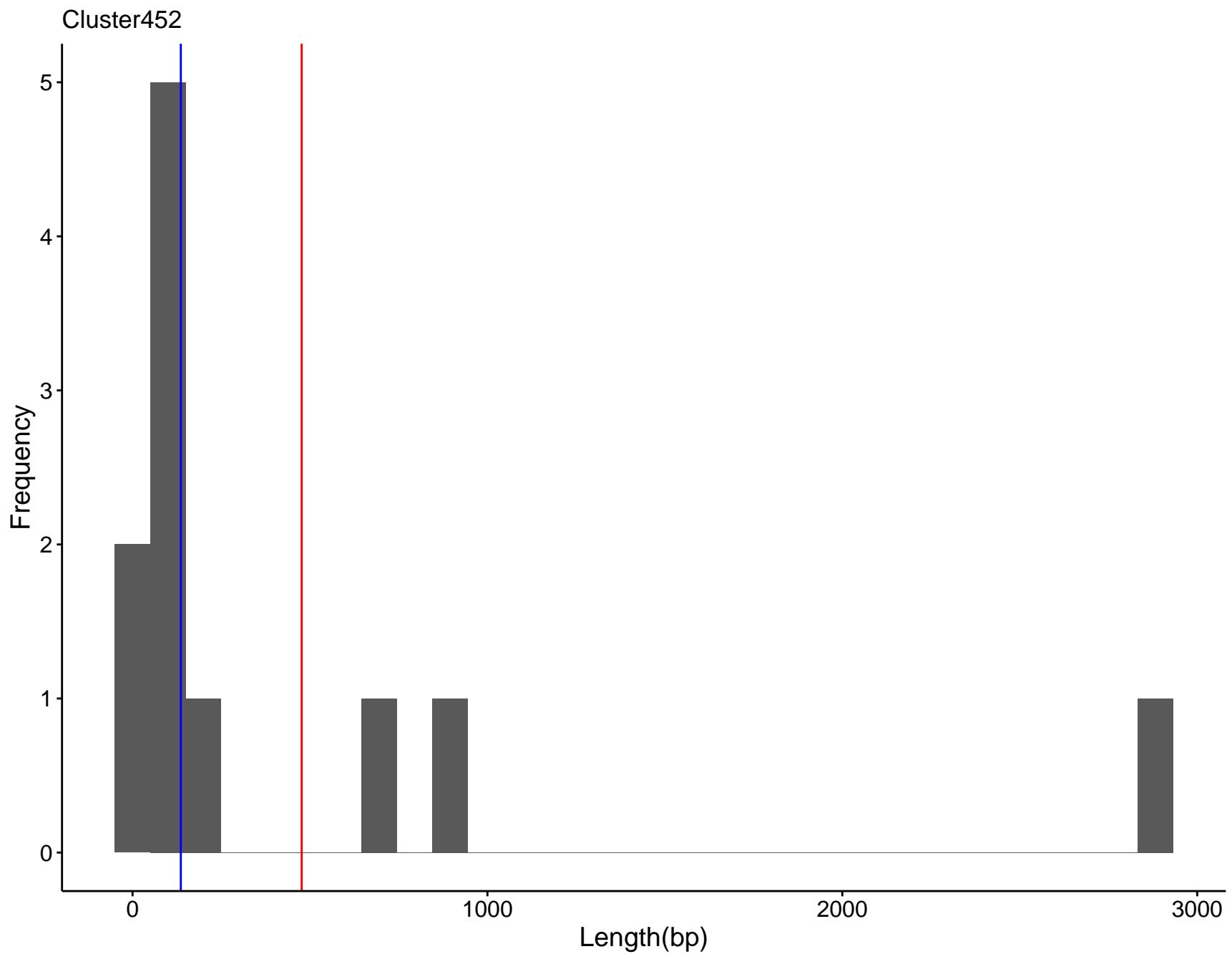


Cluster450

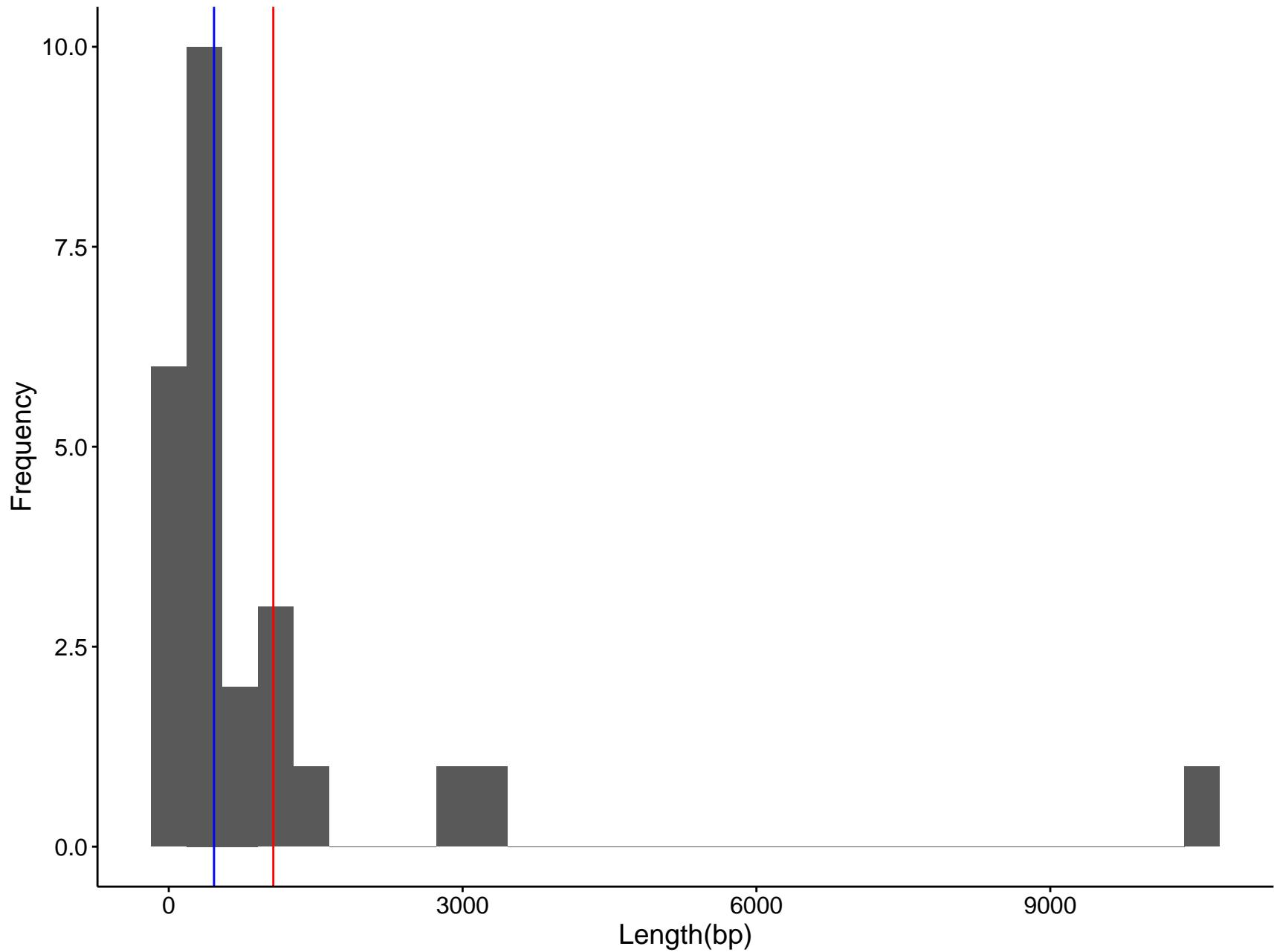


Cluster451

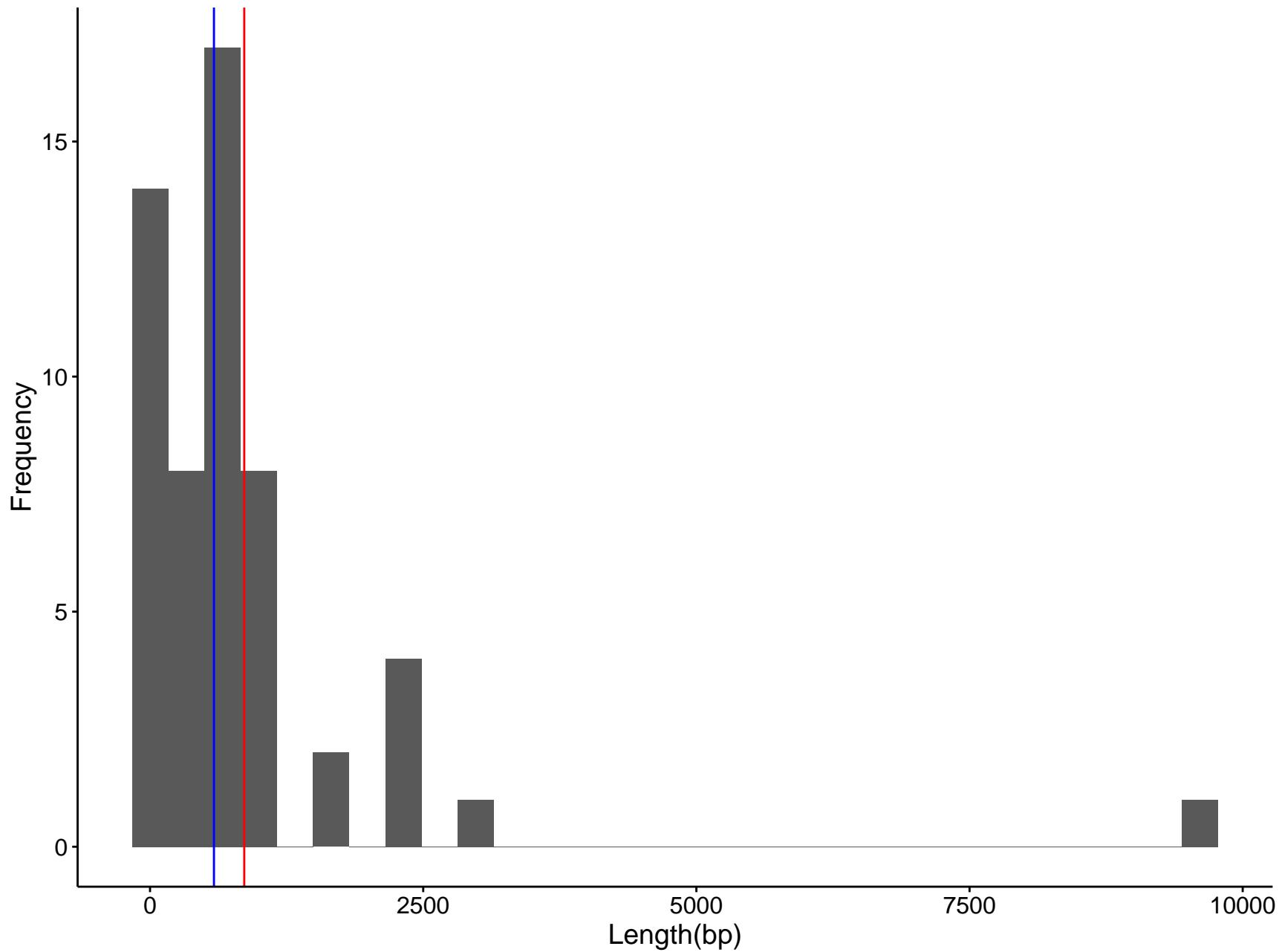


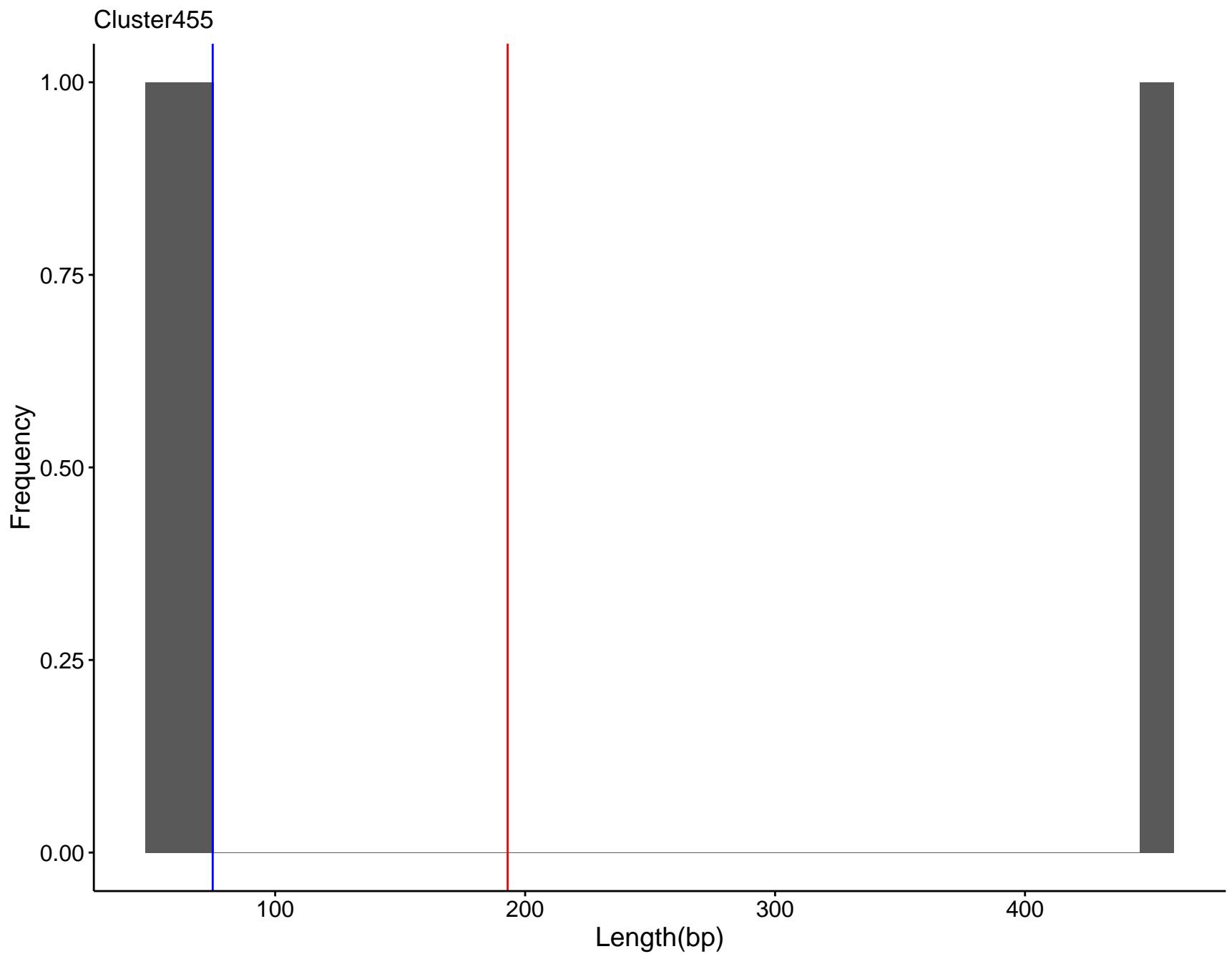


Cluster453



Cluster454





Cluster456

Frequency

304.950

304.975

305.000

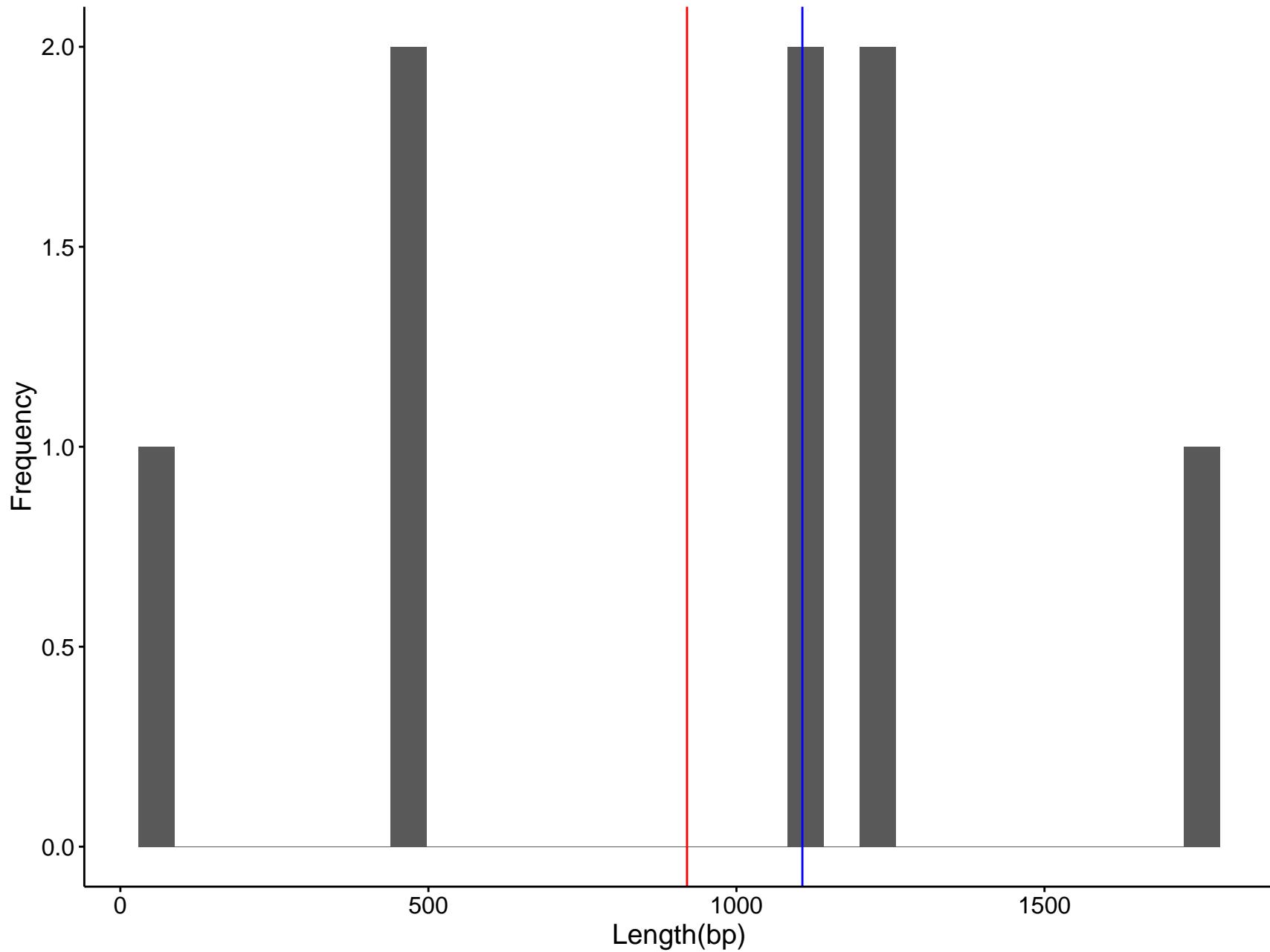
305.025

305.050

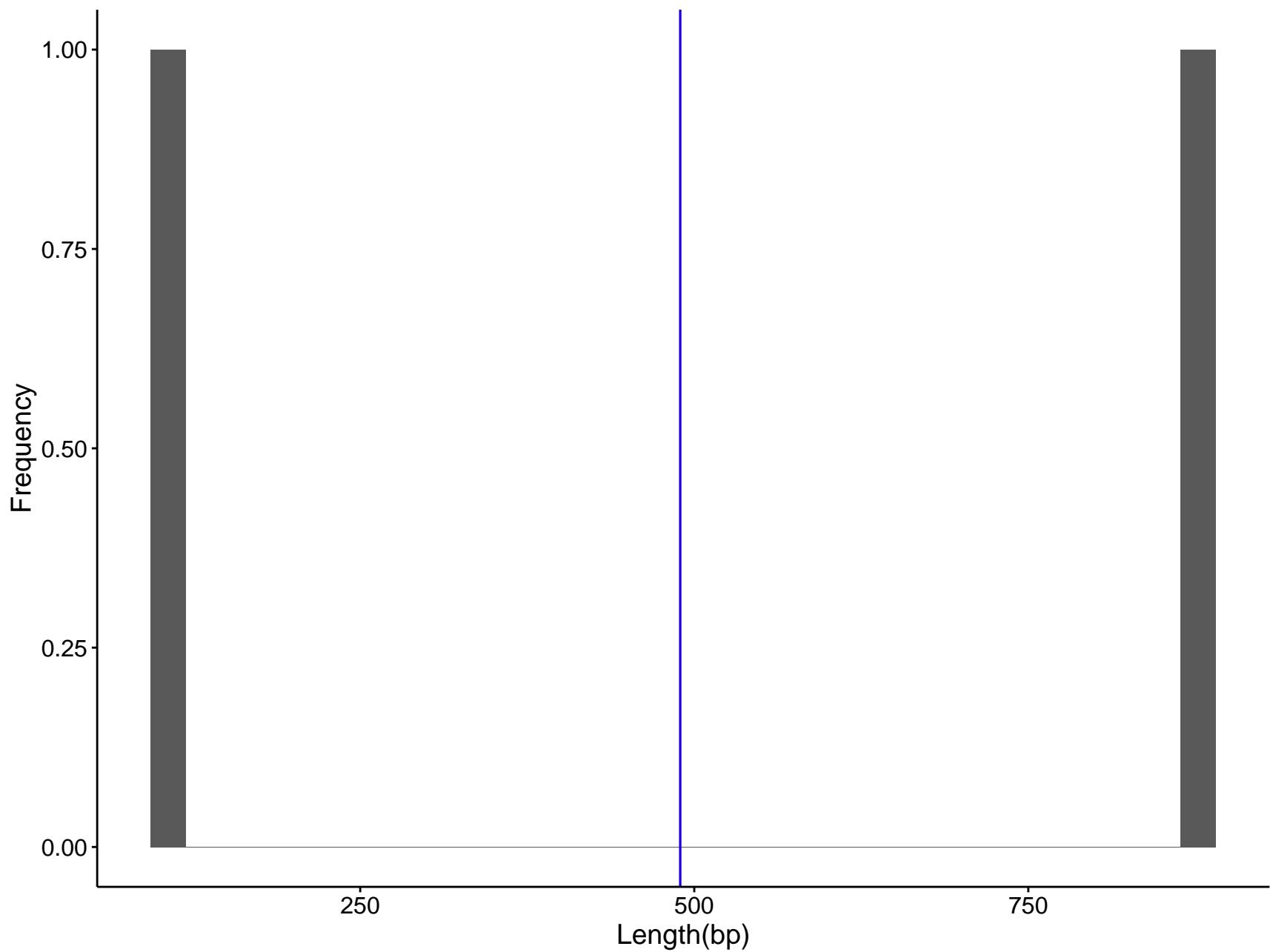
Length(bp)



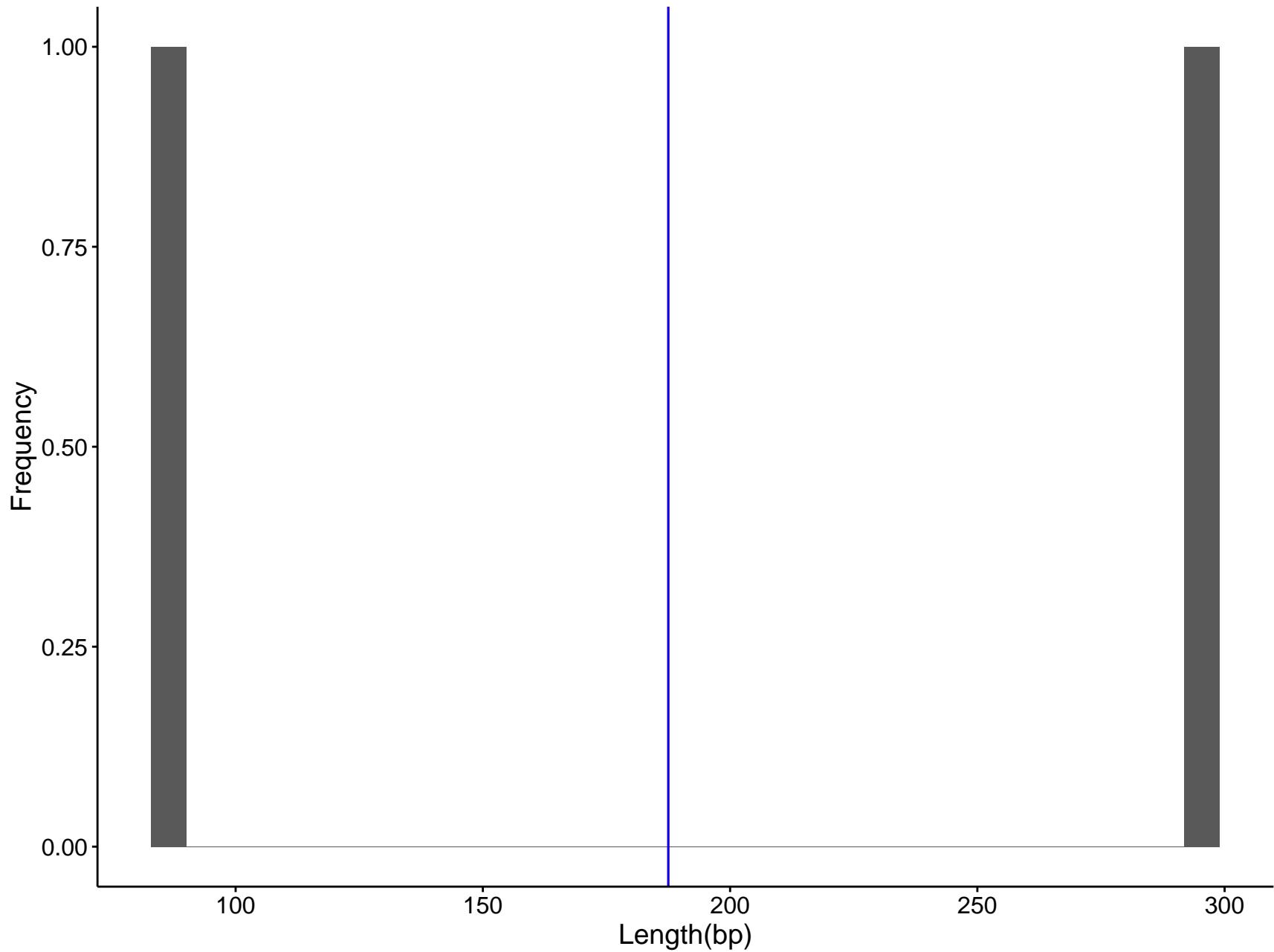
Cluster457



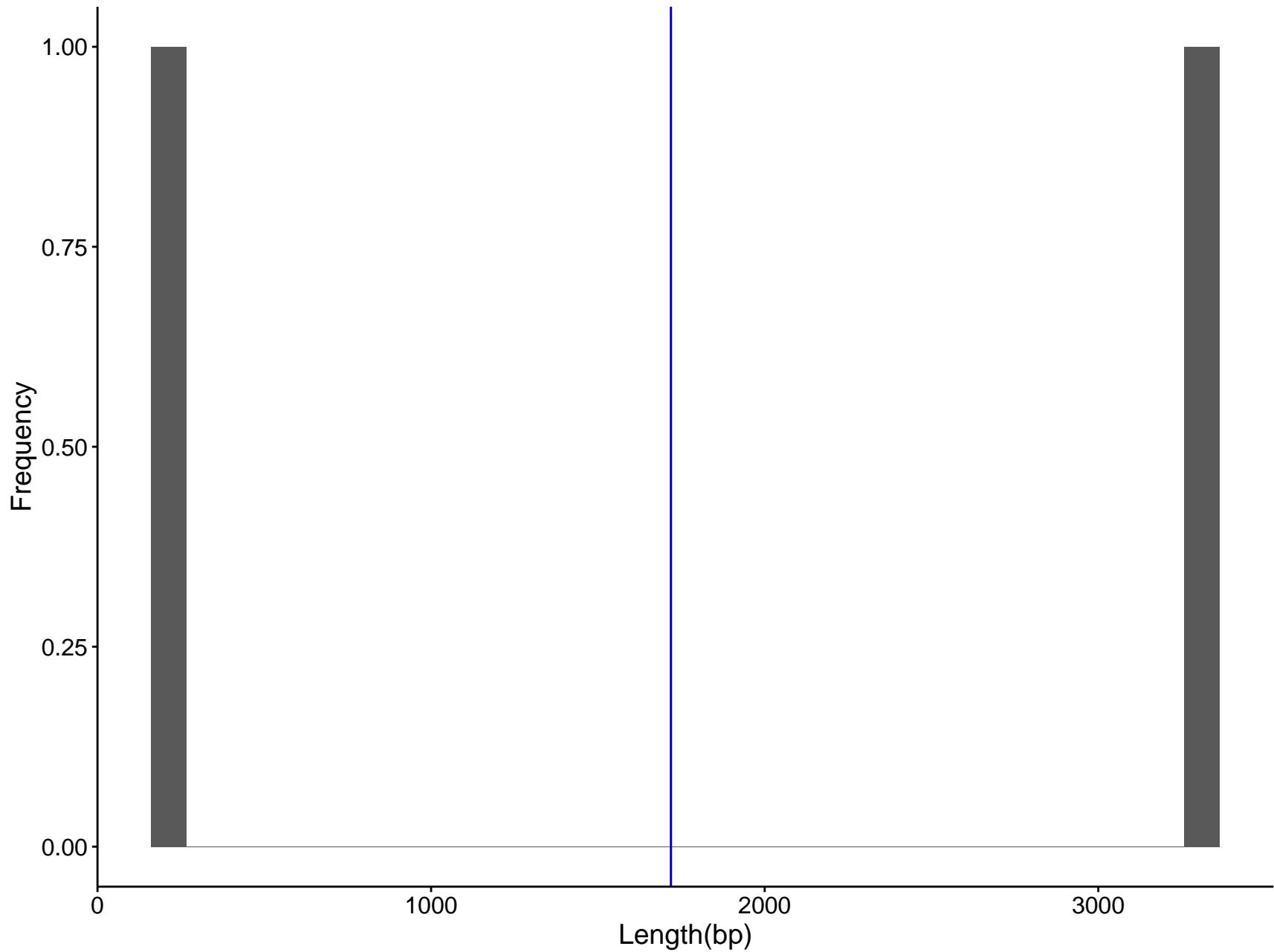
Cluster459



Cluster460



Cluster461



Cluster463

Frequency

279.950

279.975

280.000

280.025

280.050

Length(bp)



Cluster465

Frequency

977.950

977.975

978.000

978.025

Length(bp)



Cluster466

Frequency

138.950

138.975

139.000

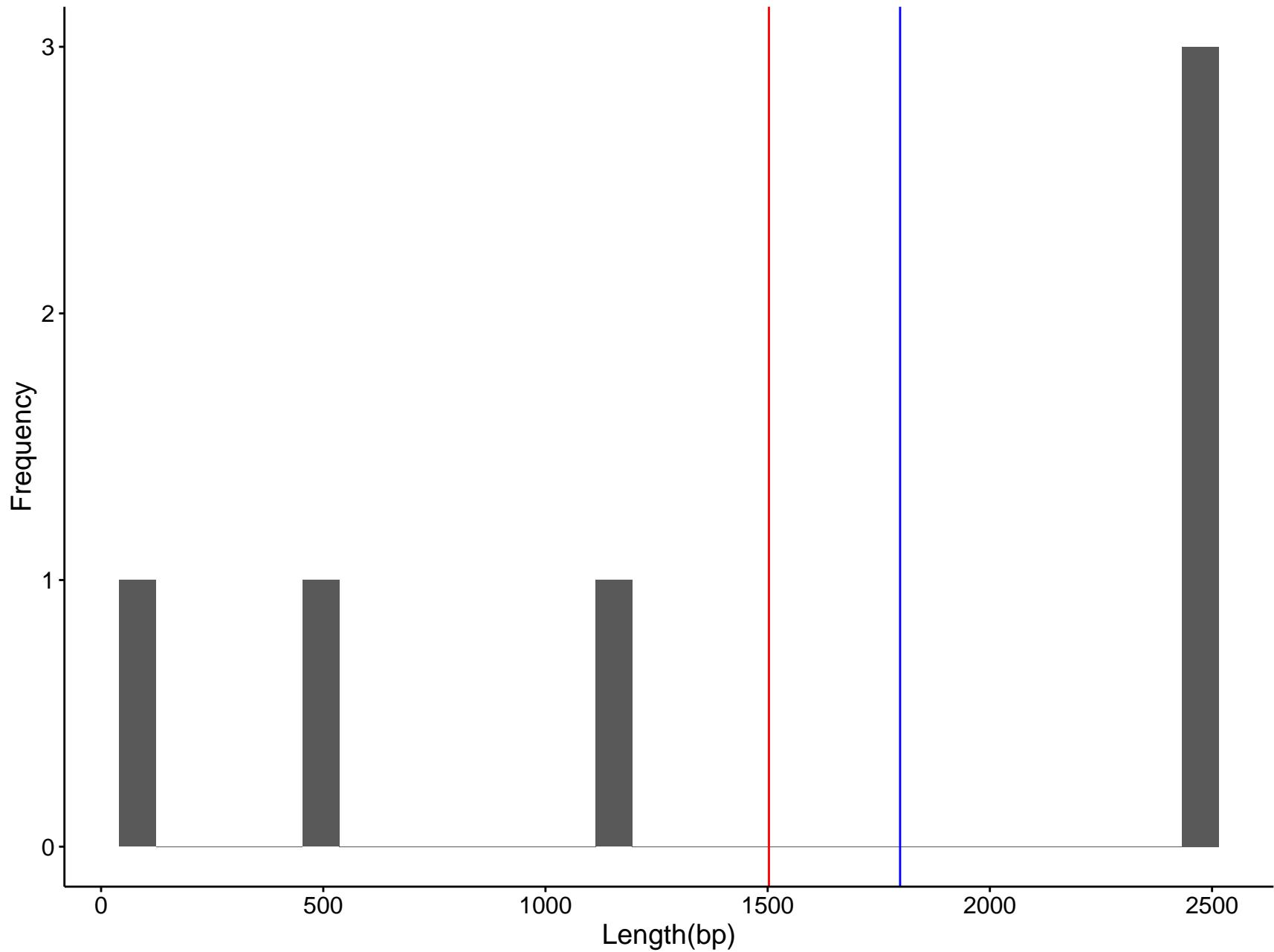
139.025

139.050

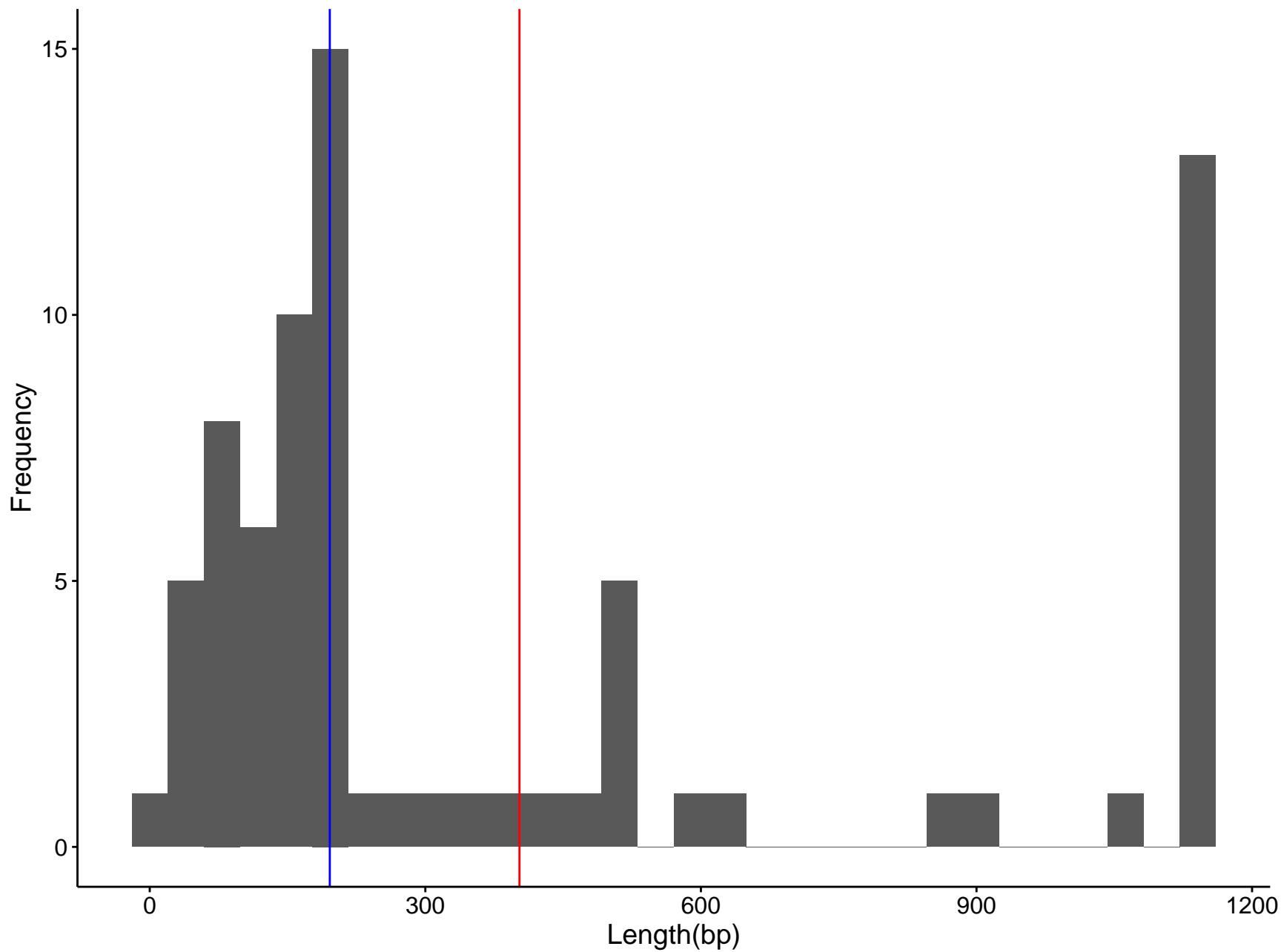
Length(bp)



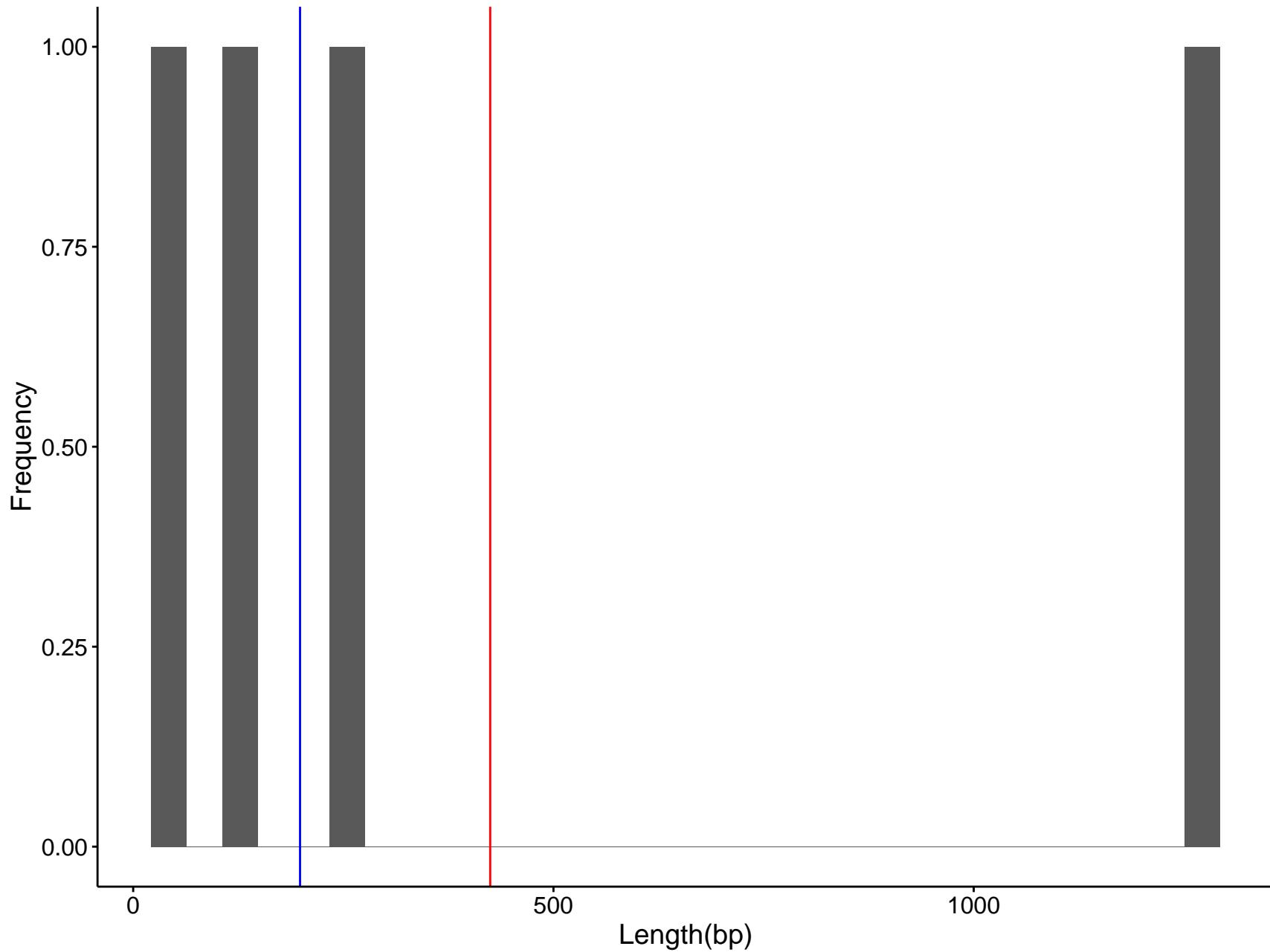
Cluster468



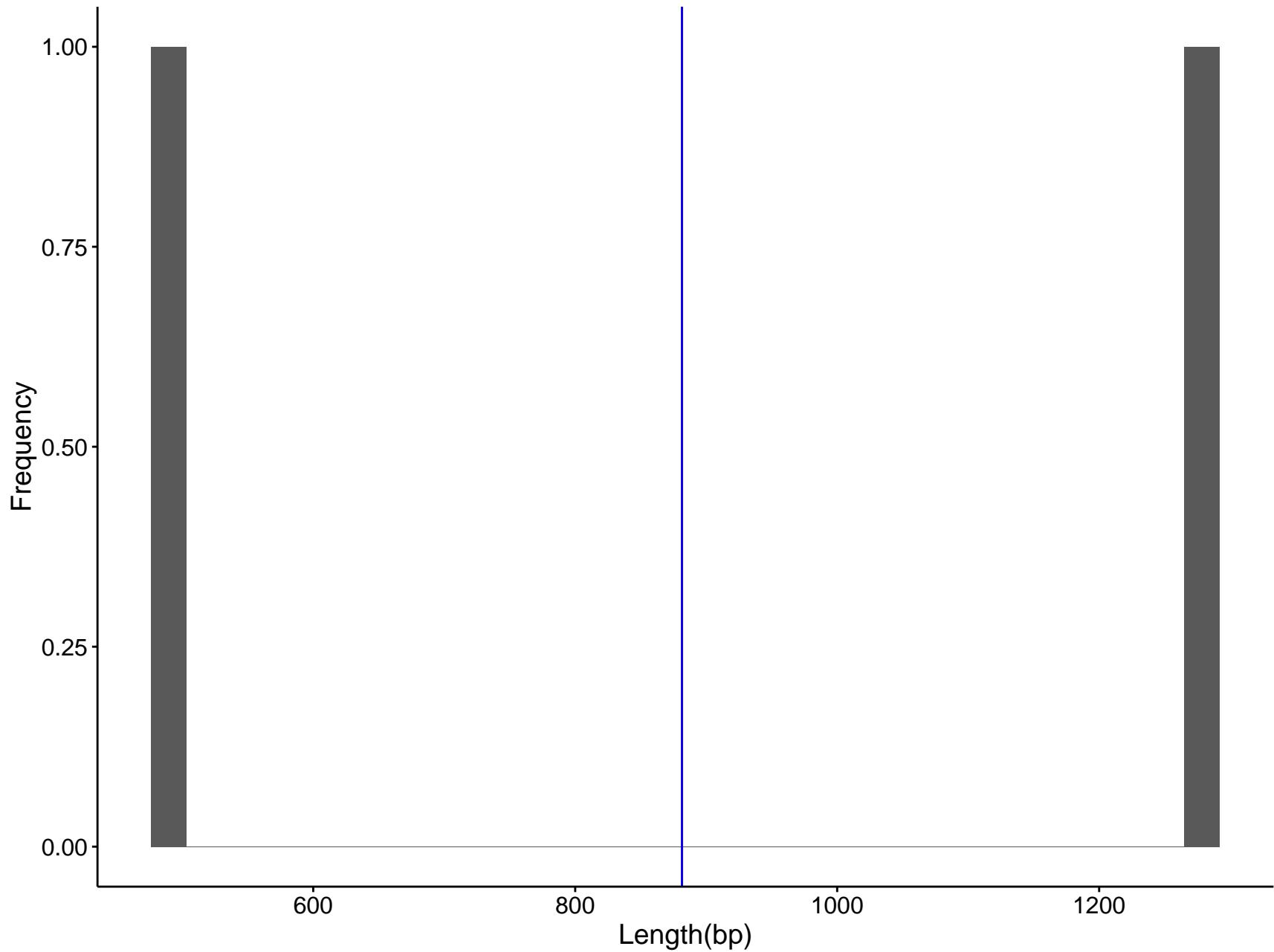
Cluster46



Cluster471



Cluster472



Cluster473

Frequency

294.950

294.975

295.000

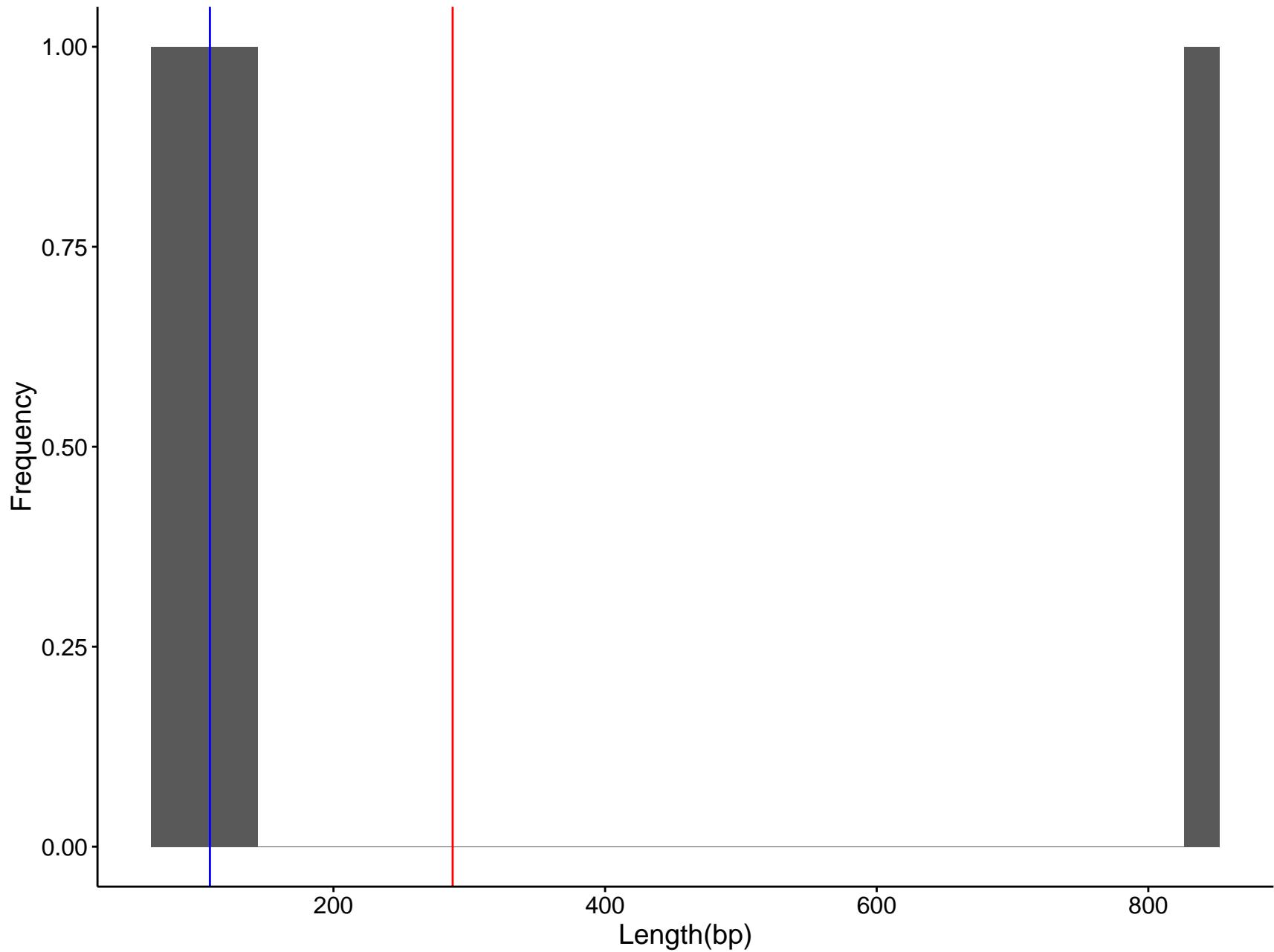
295.025

295.050

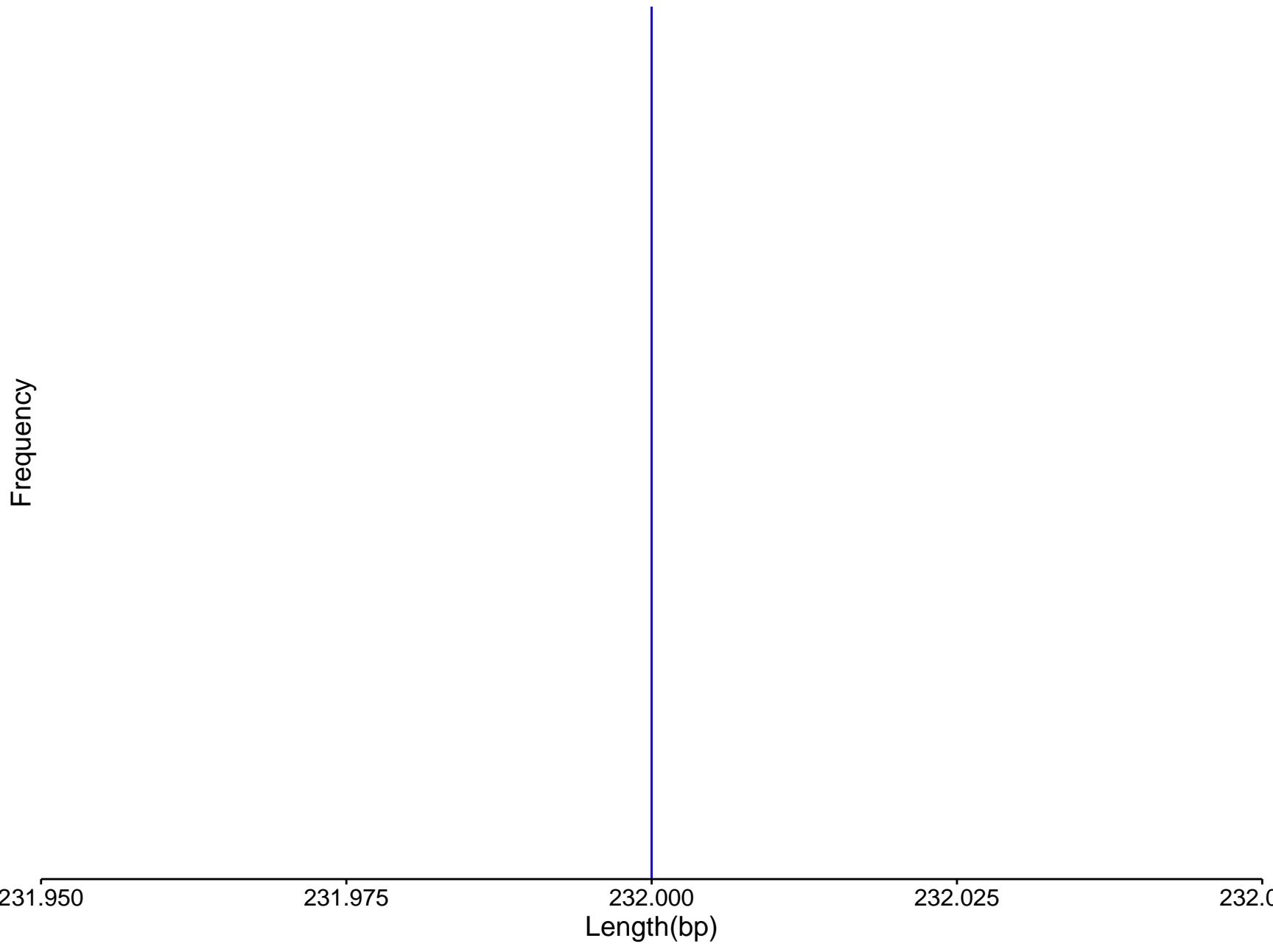
Length(bp)



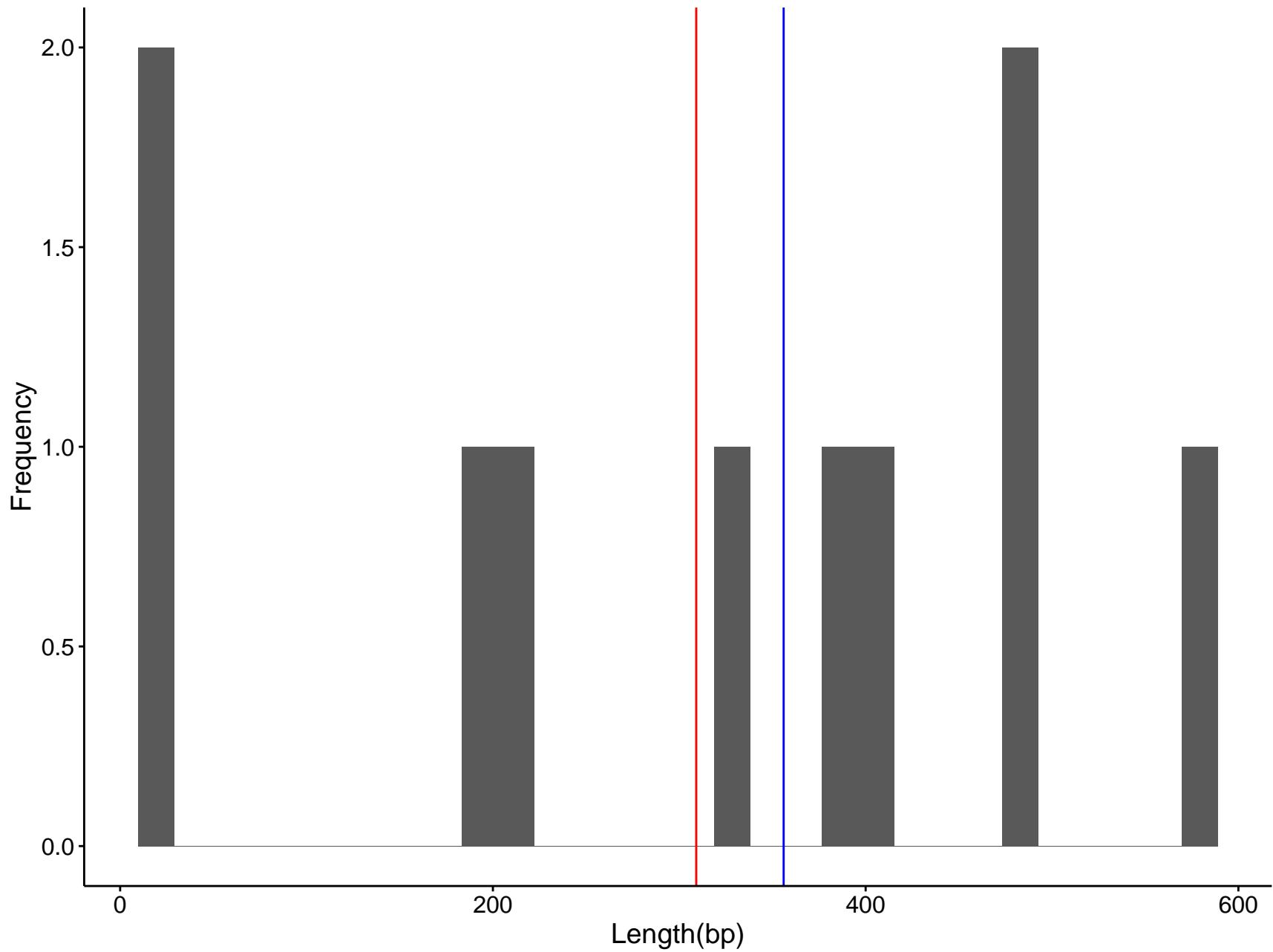
Cluster476



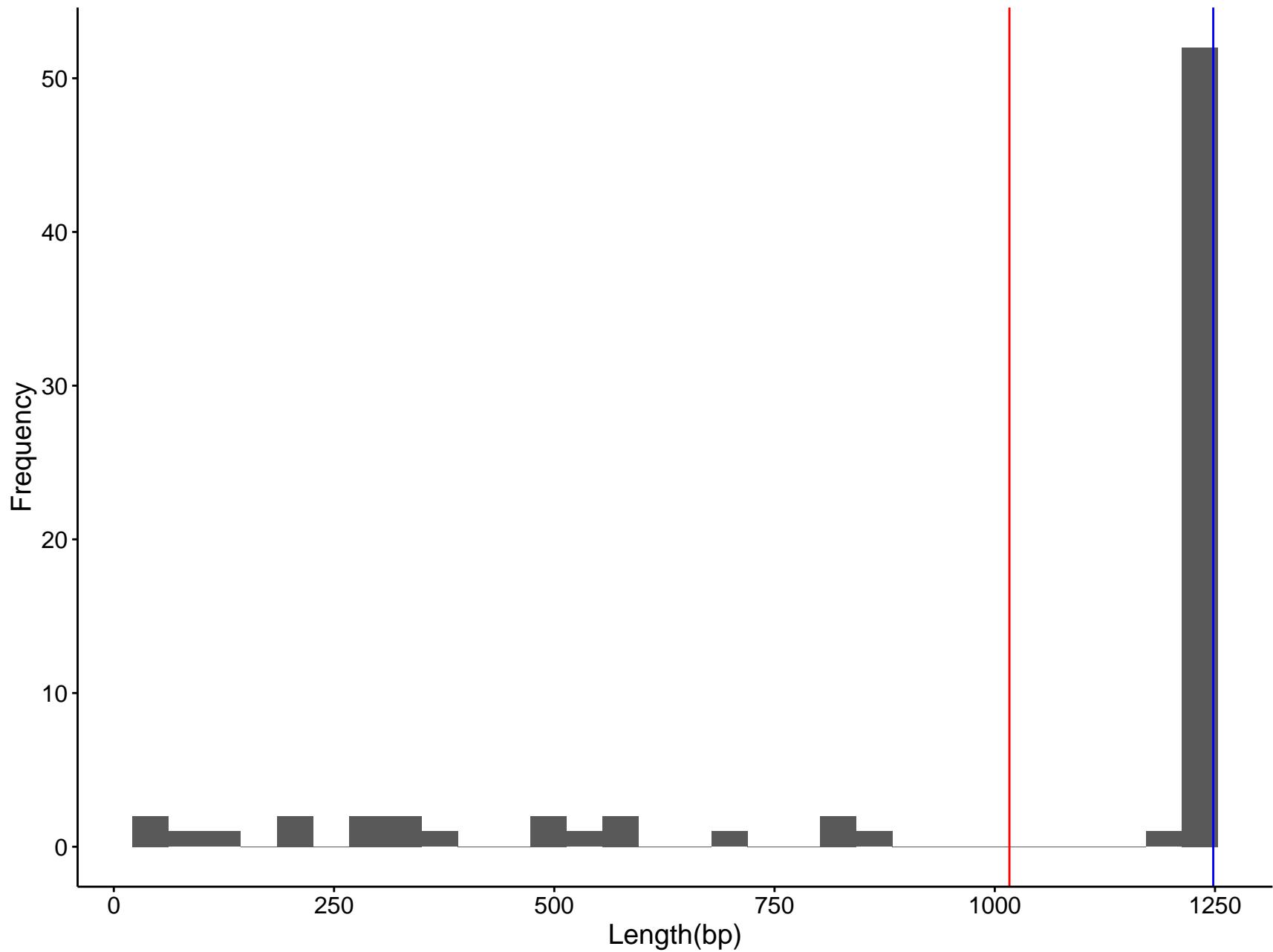
Cluster478



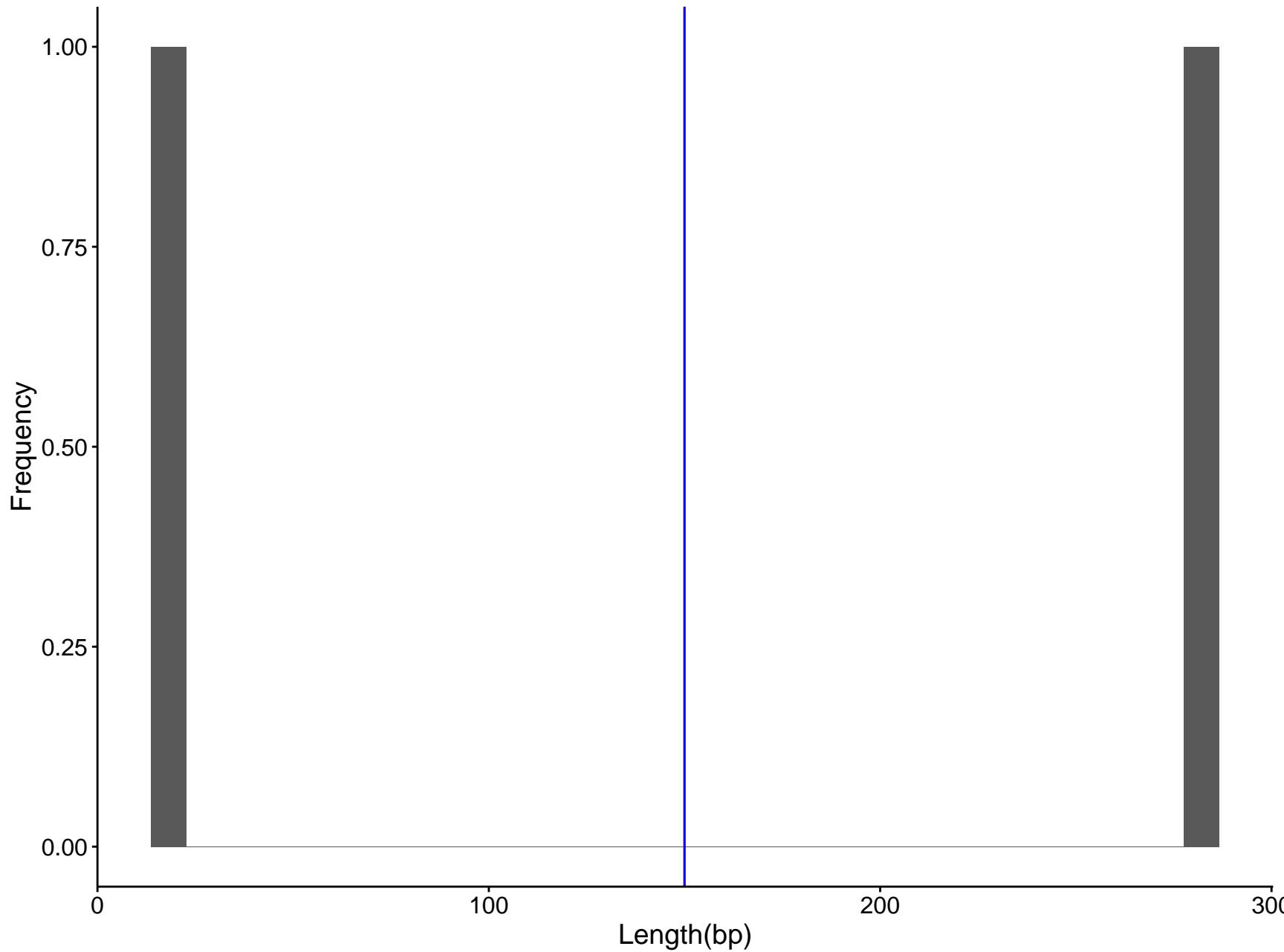
Cluster479



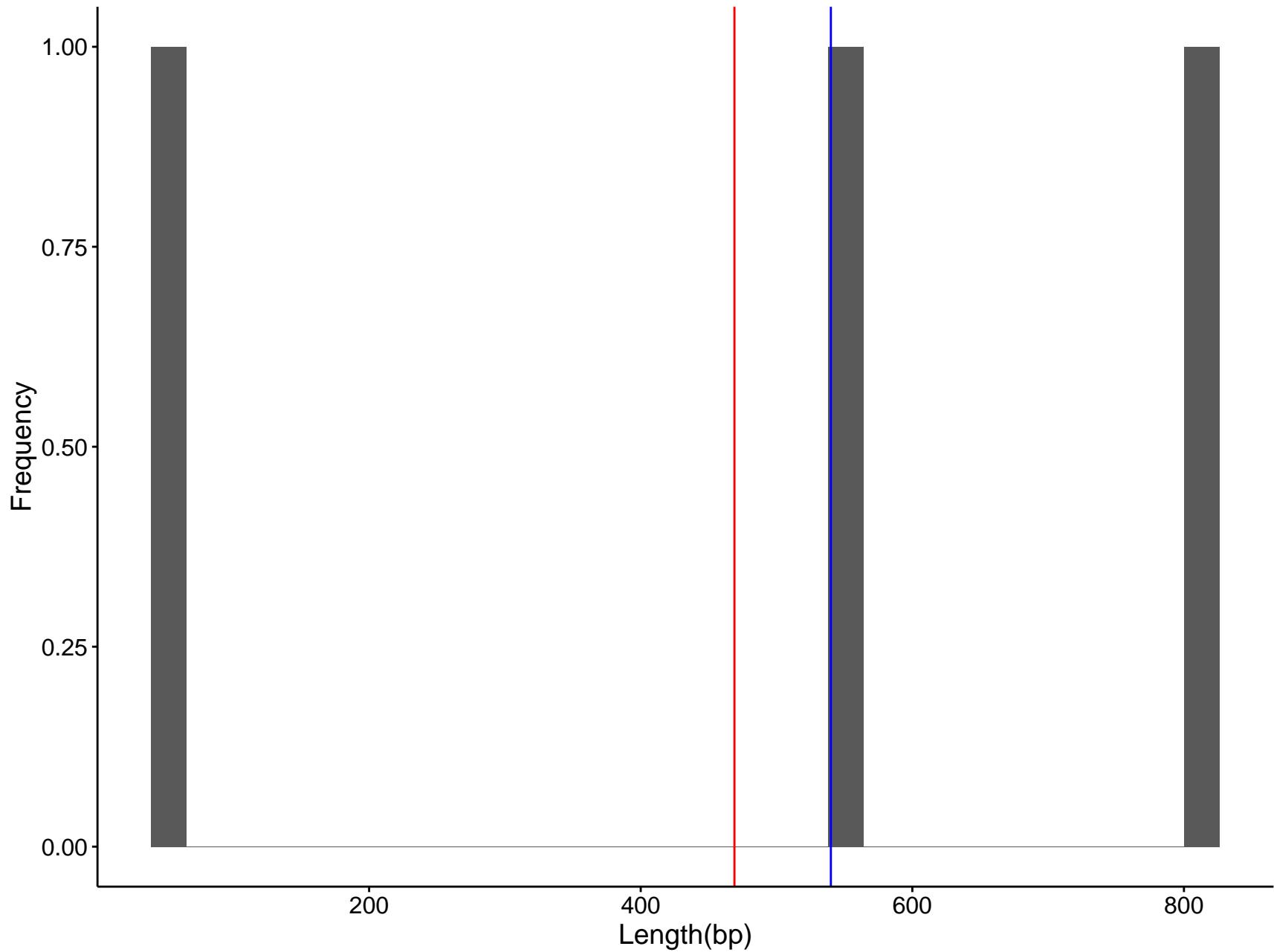
Cluster47



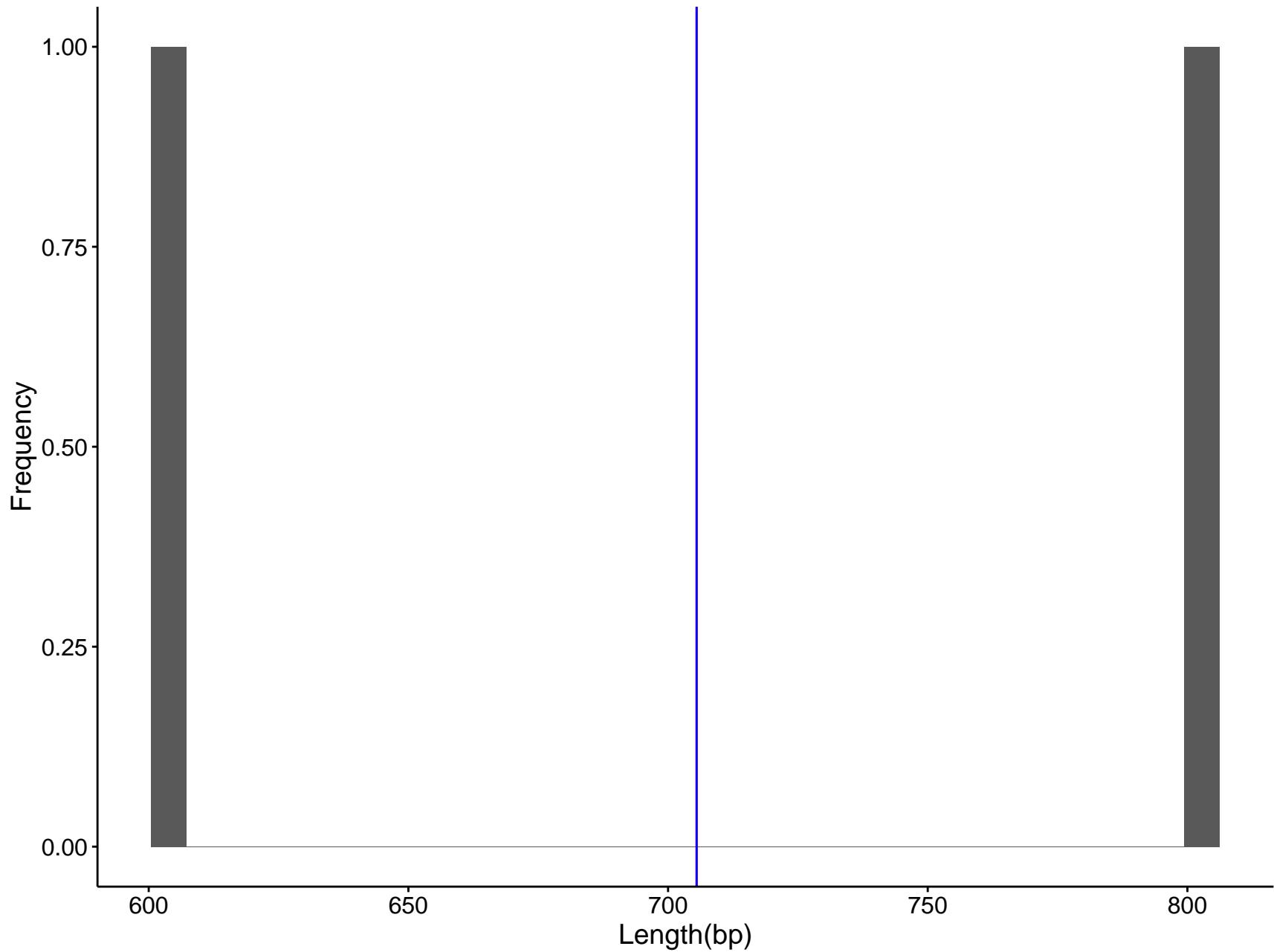
Cluster480



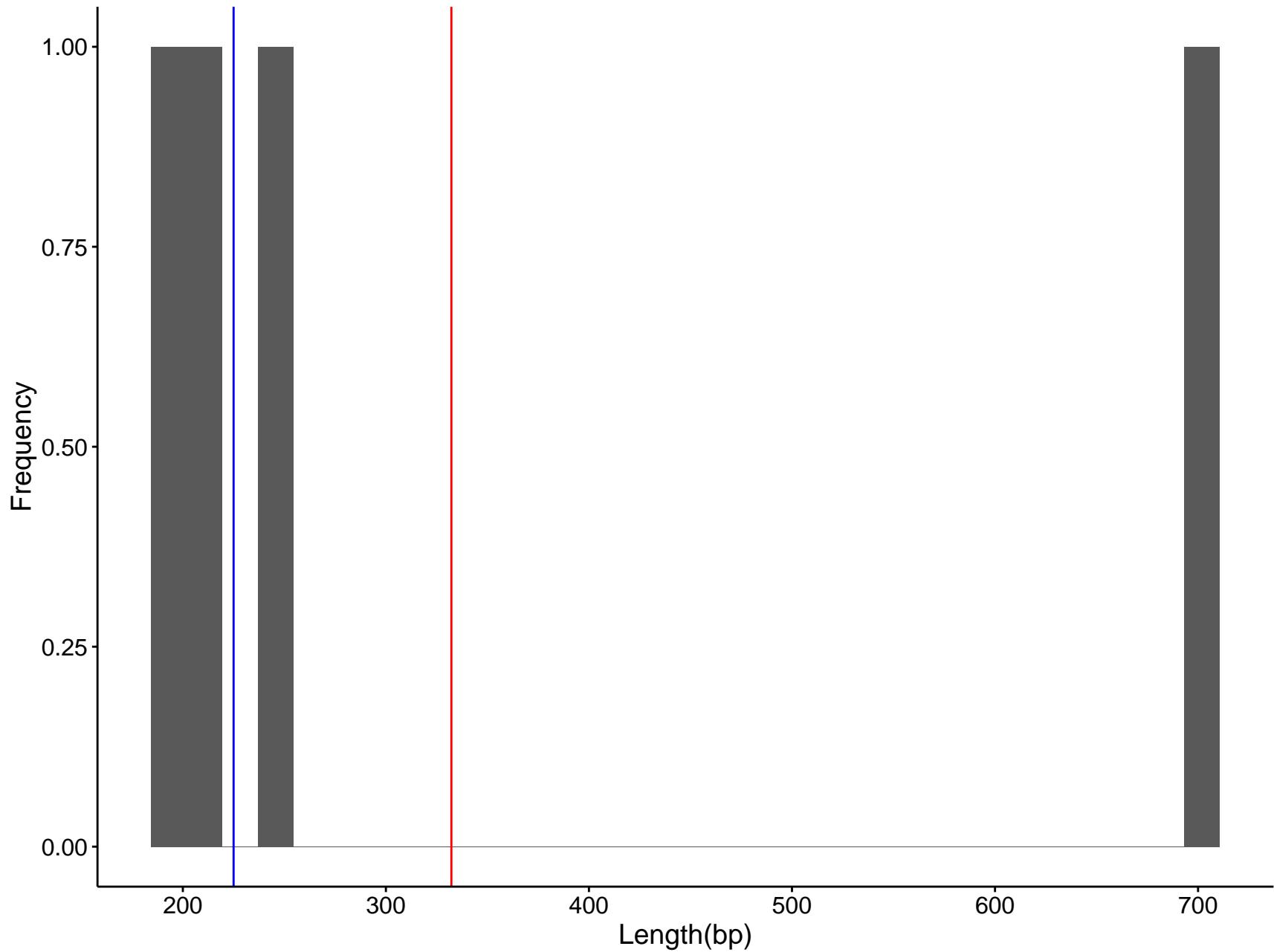
Cluster481



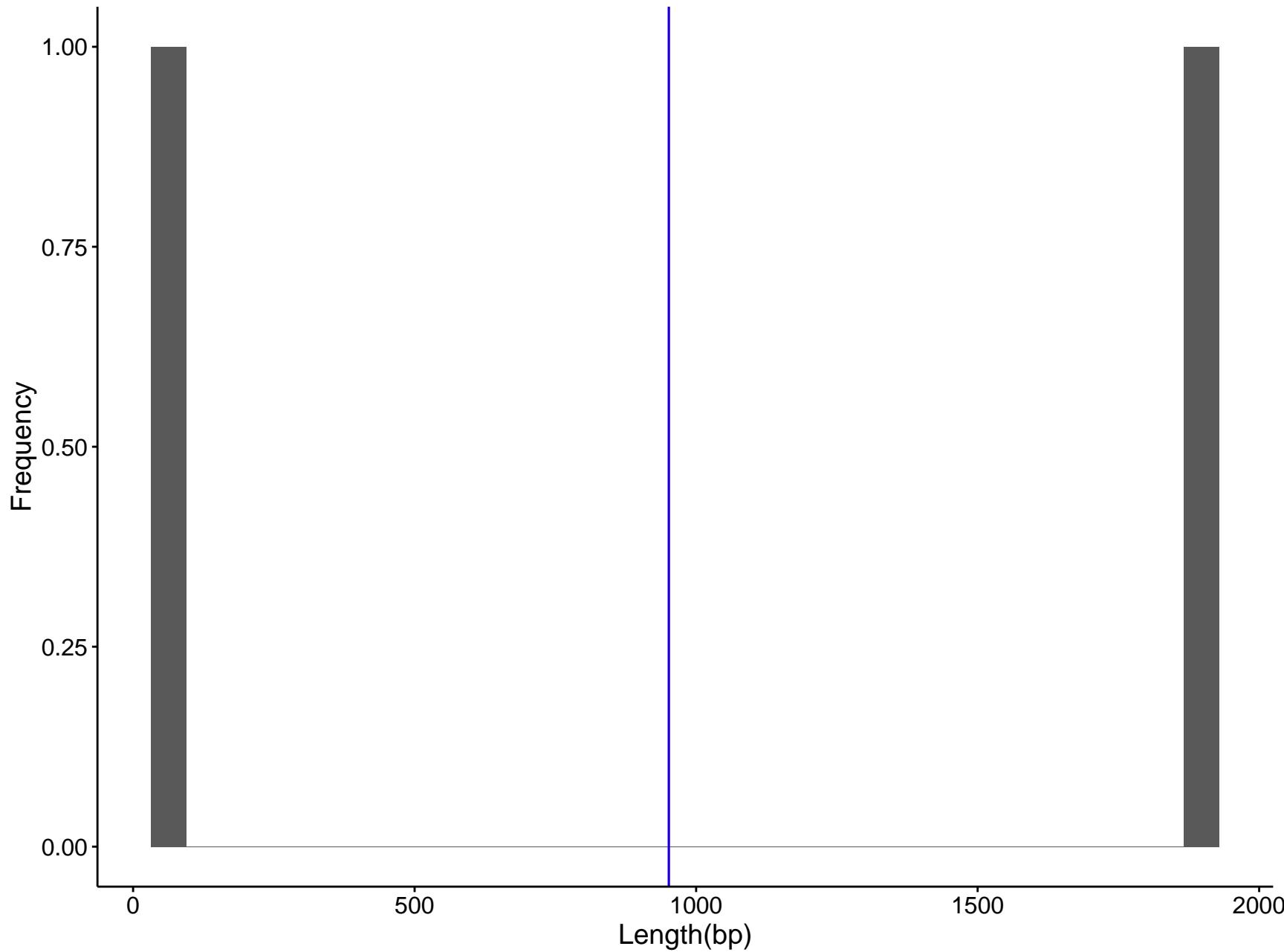
Cluster482



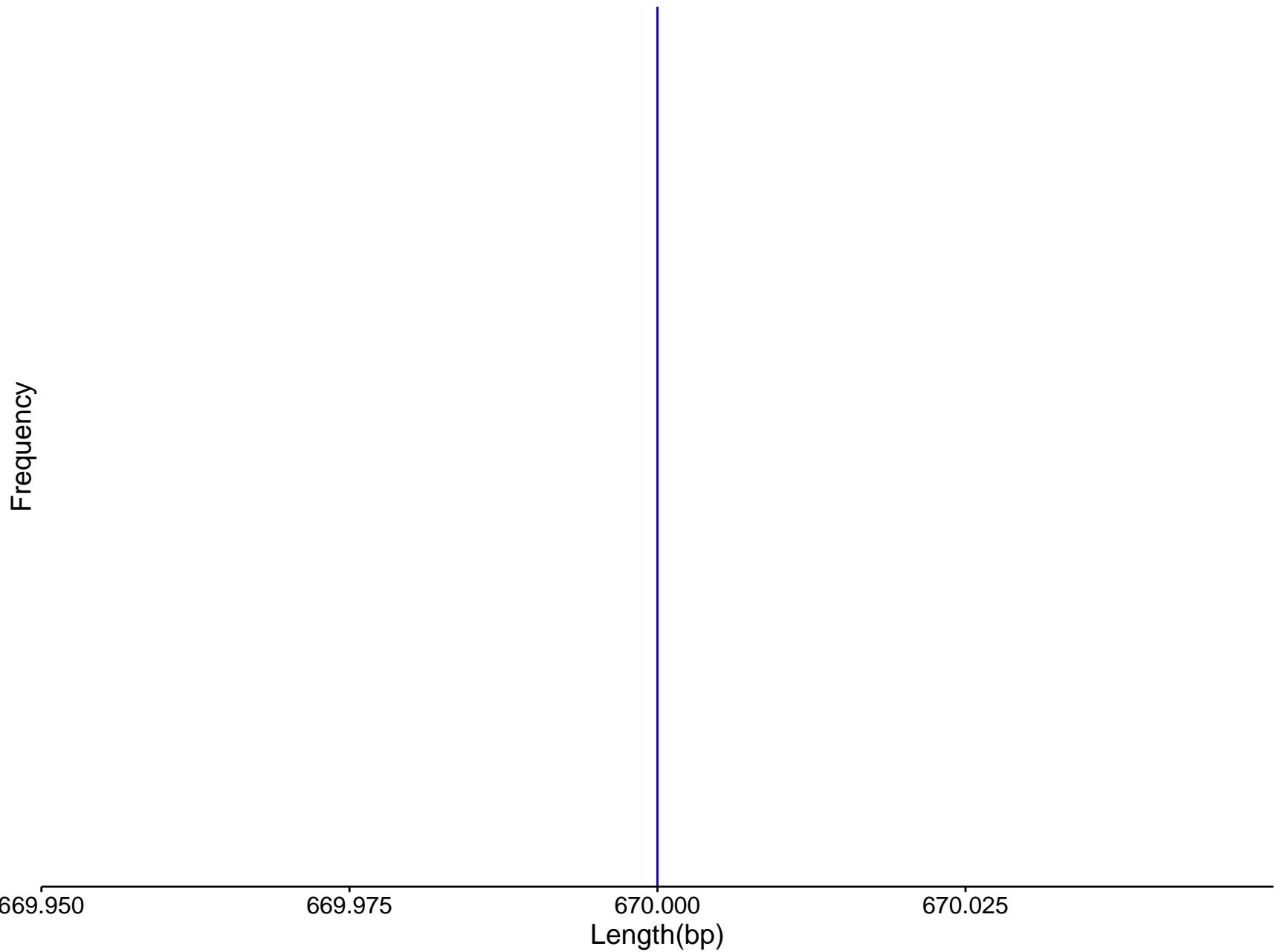
Cluster484



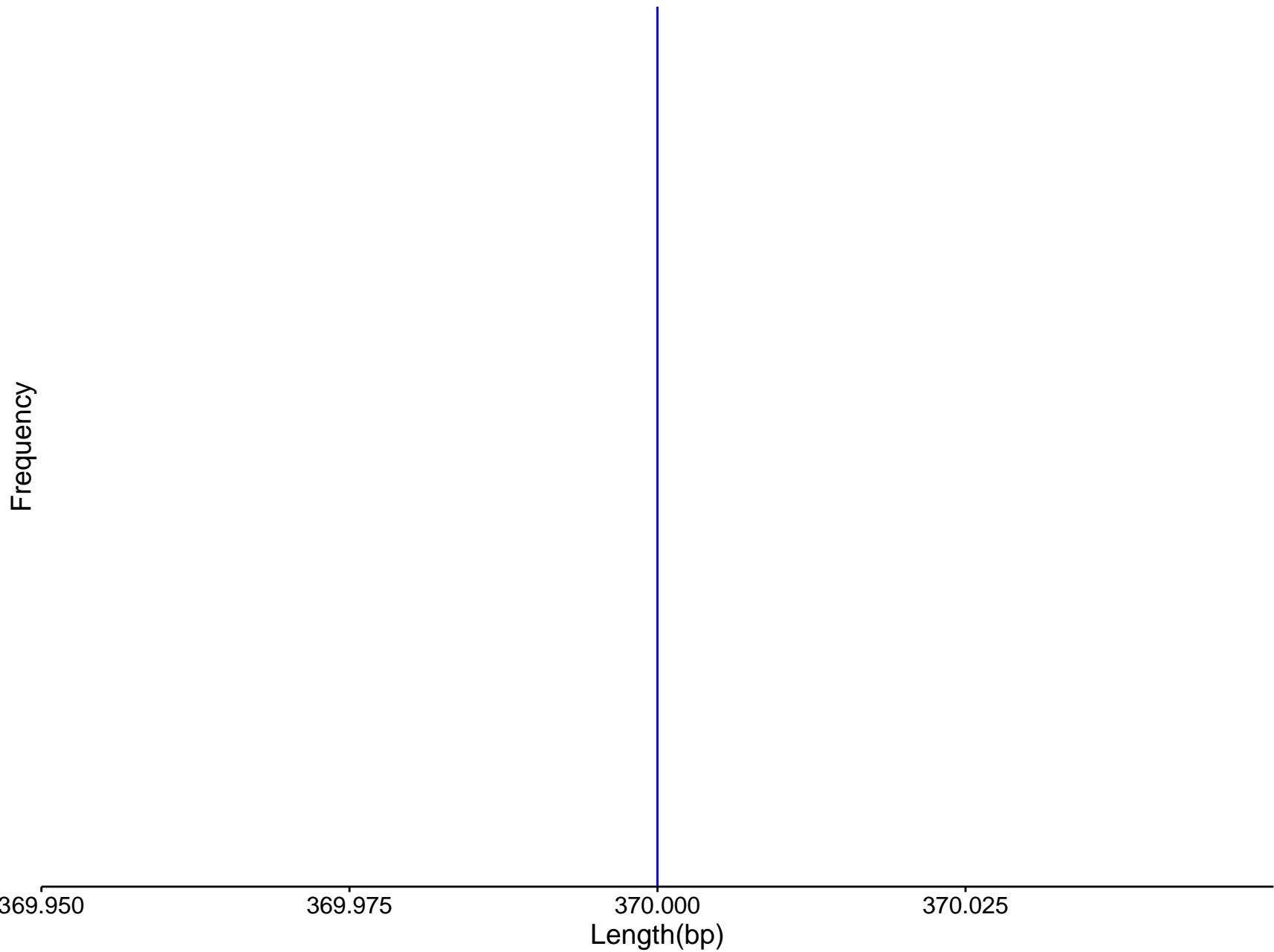
Cluster485



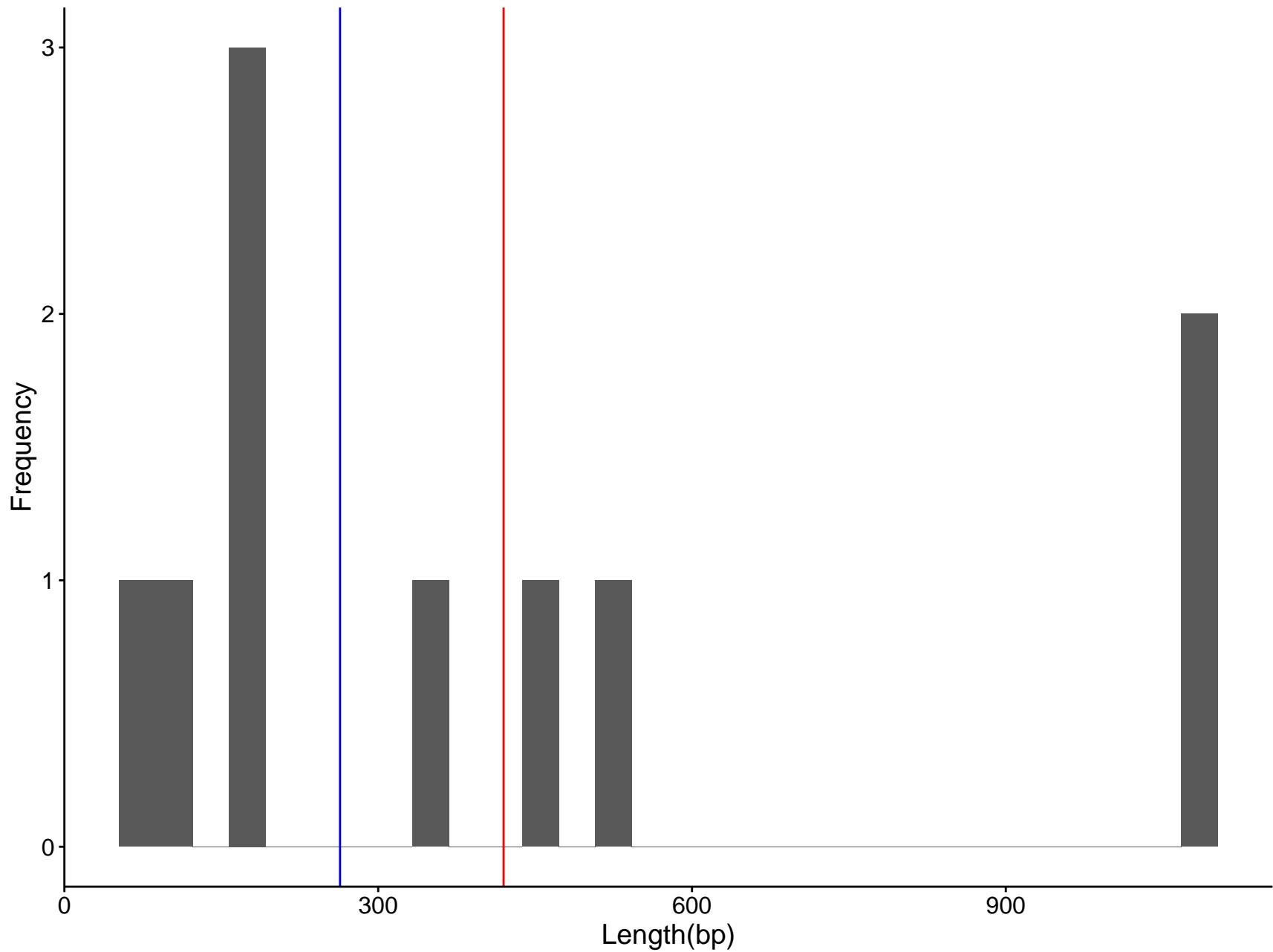
Cluster486



Cluster489



Cluster490



Cluster491

Frequency

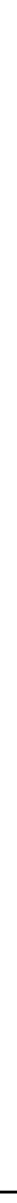
42.950

42.975

43.000

43.025

Length(bp)



Cluster492

Frequency

55.950

55.975

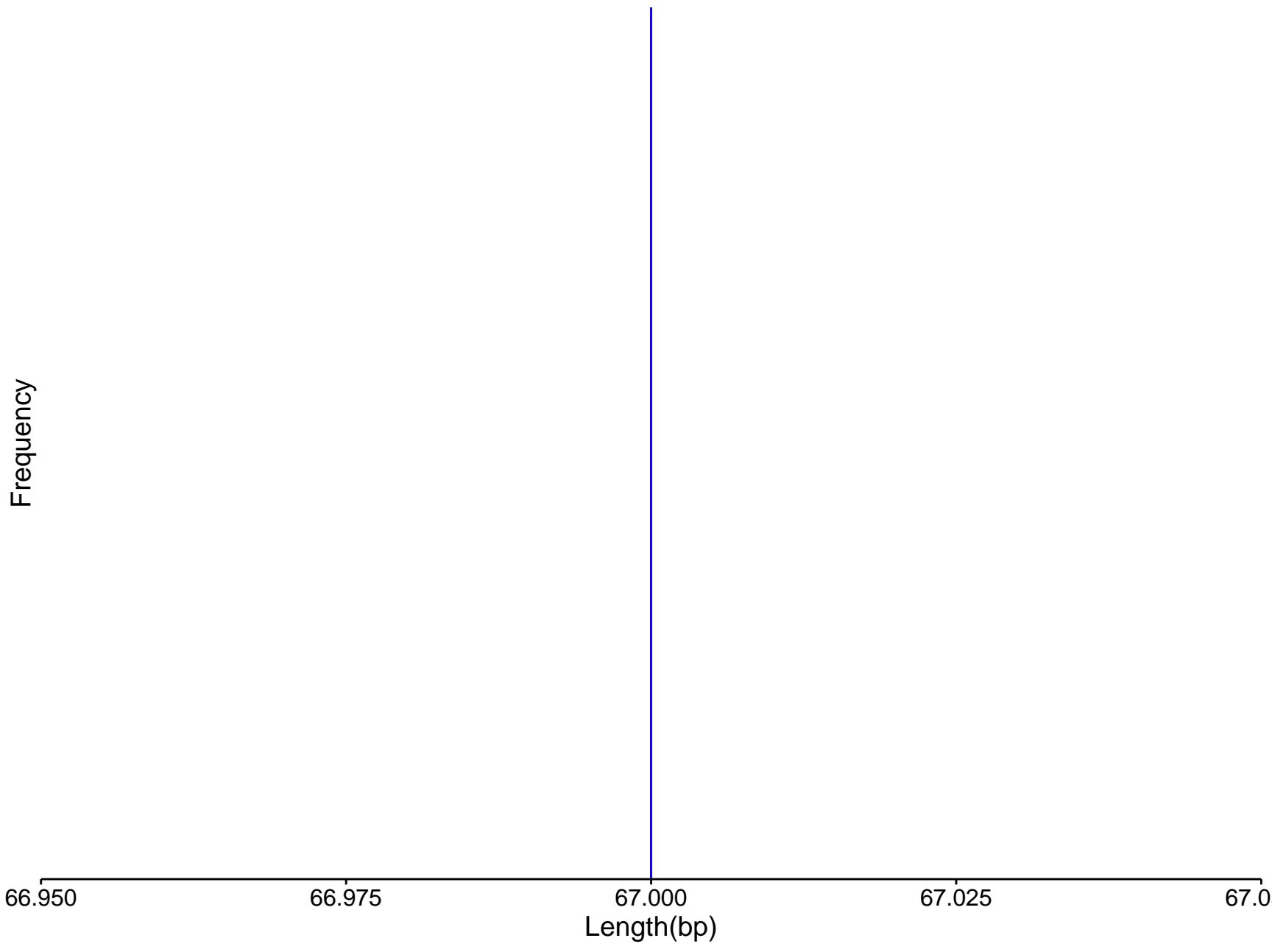
56.000

56.025

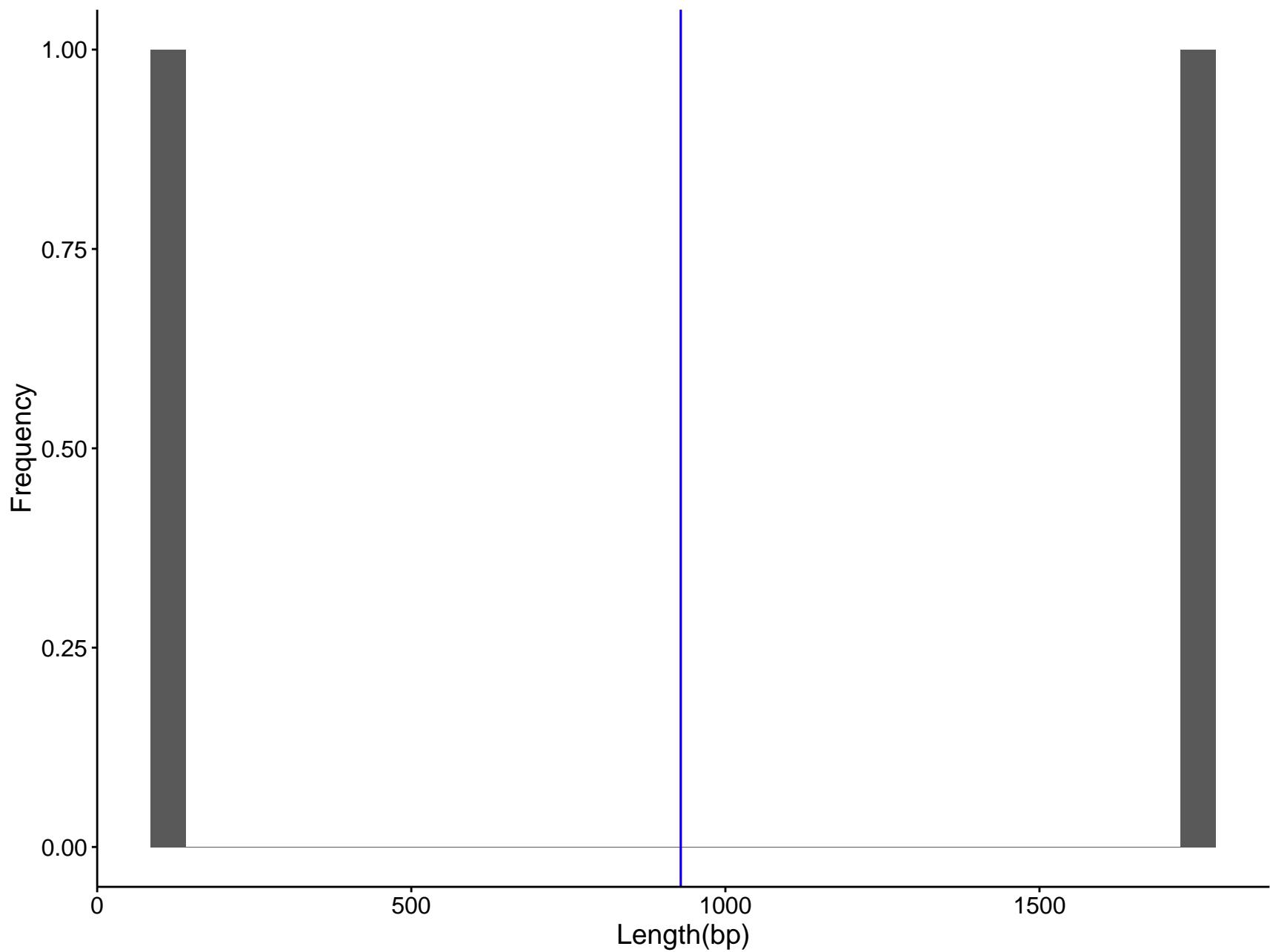
Length(bp)



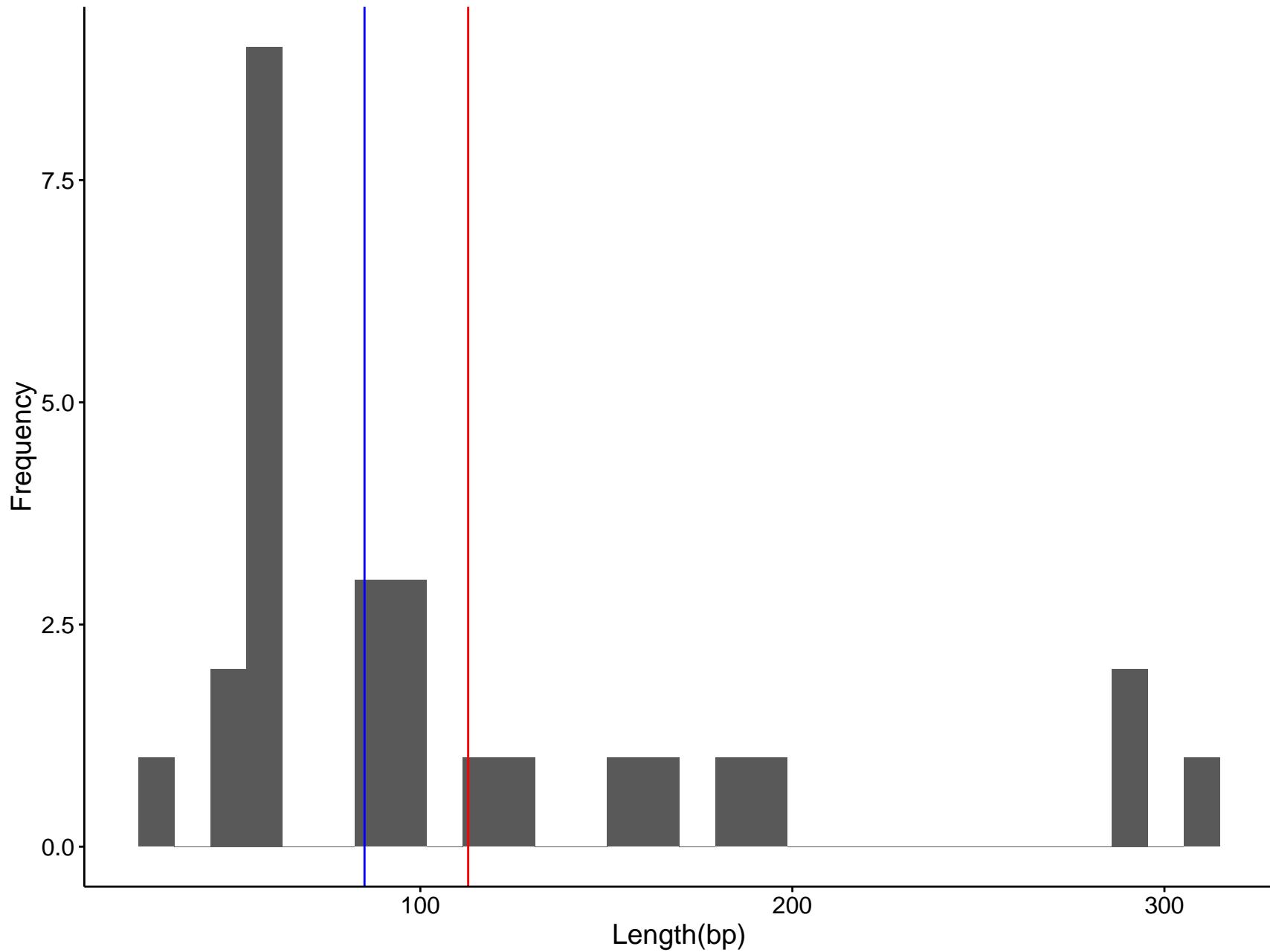
Cluster496



Cluster499



Cluster4



Cluster500

Frequency

90.950

90.975

91.000

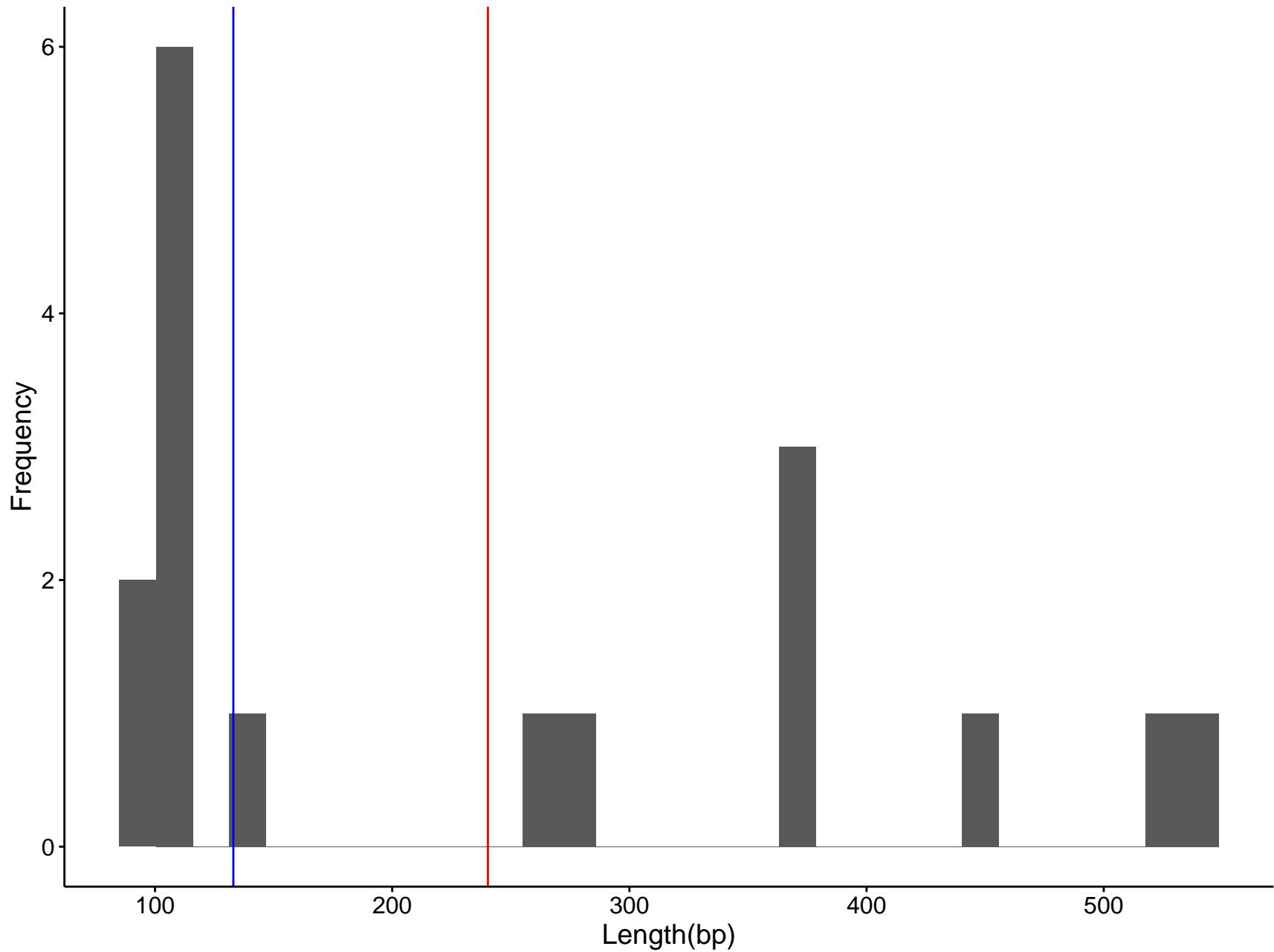
91.025

91.0

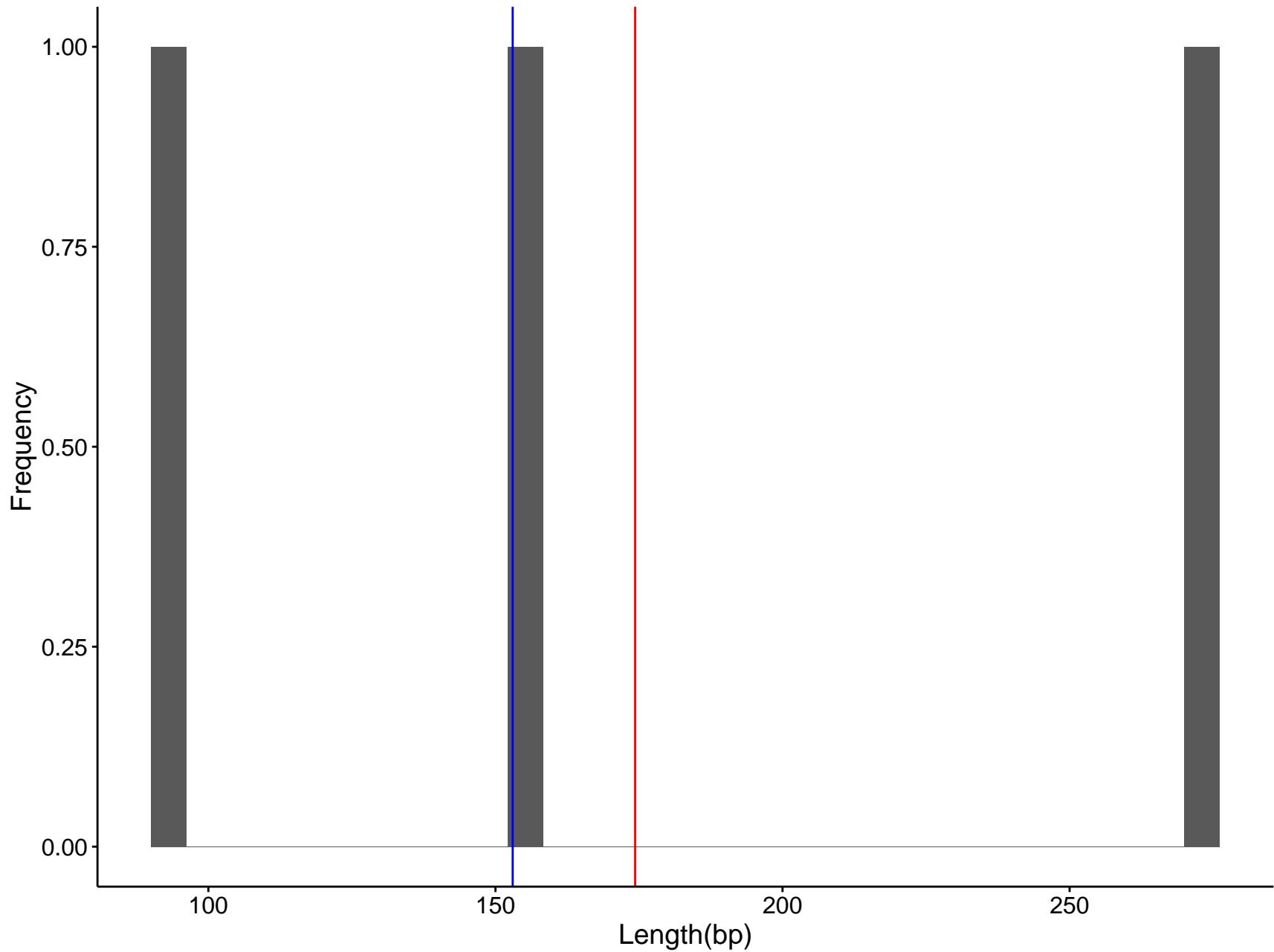
Length(bp)

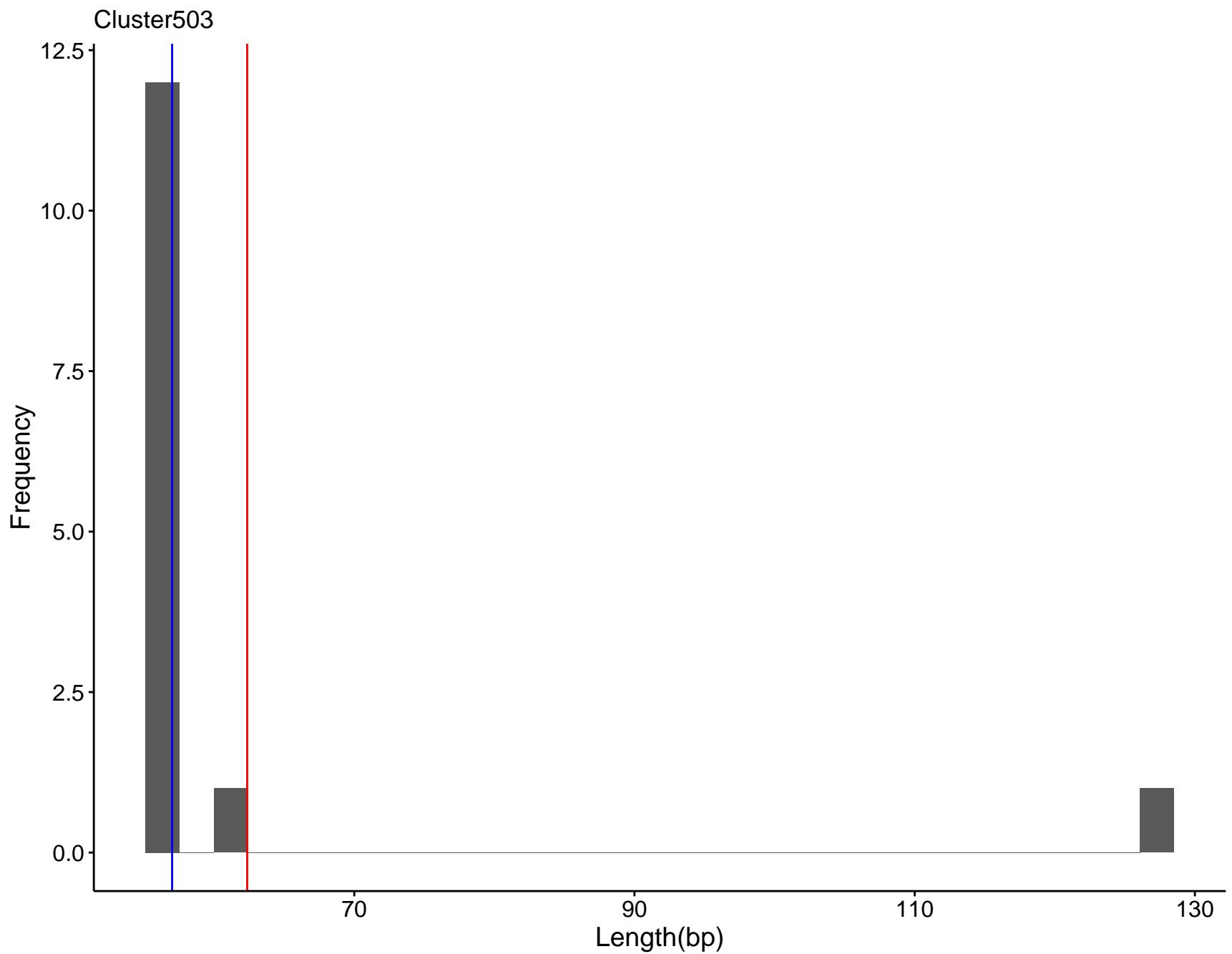


Cluster501

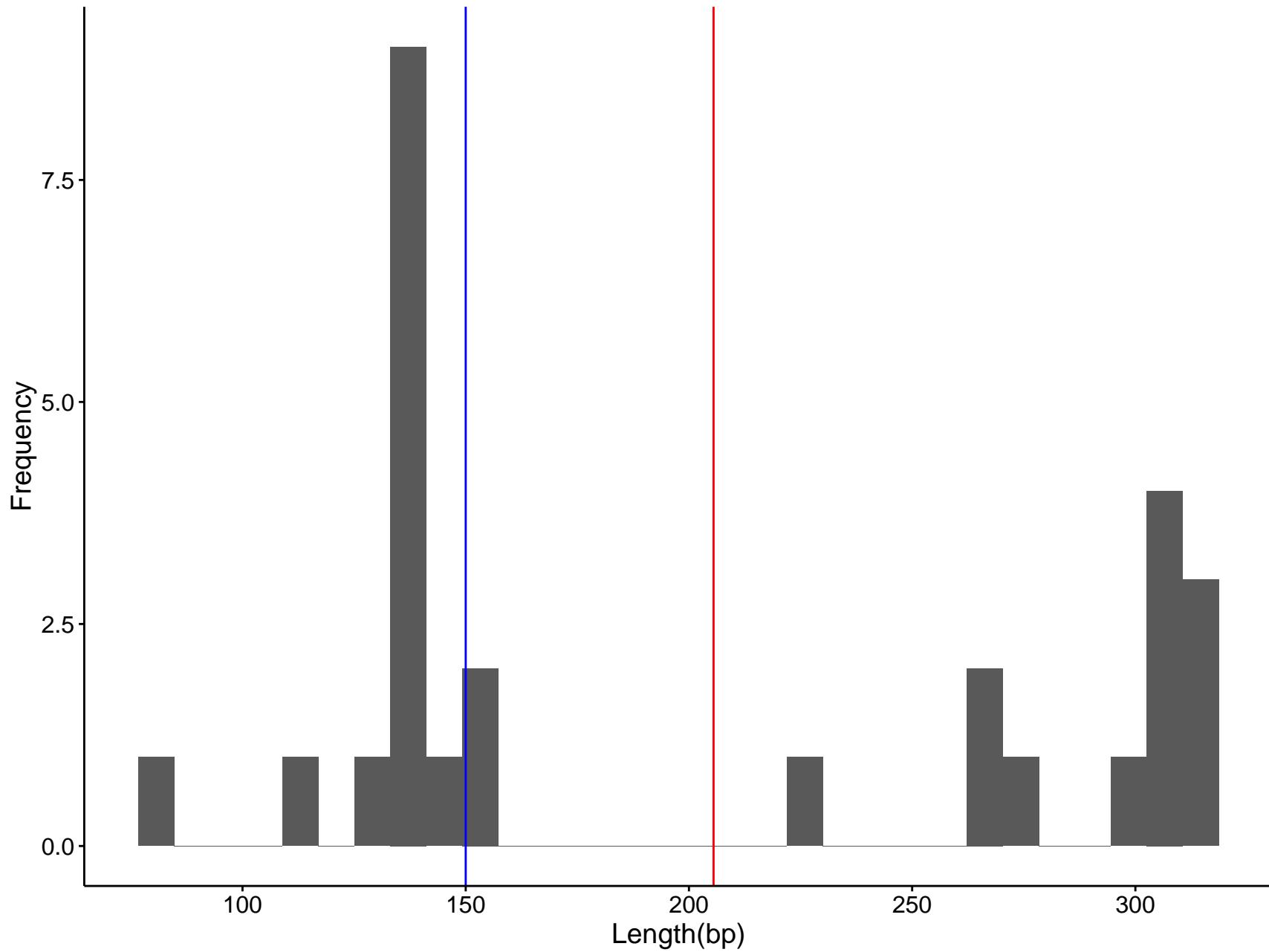


Cluster502

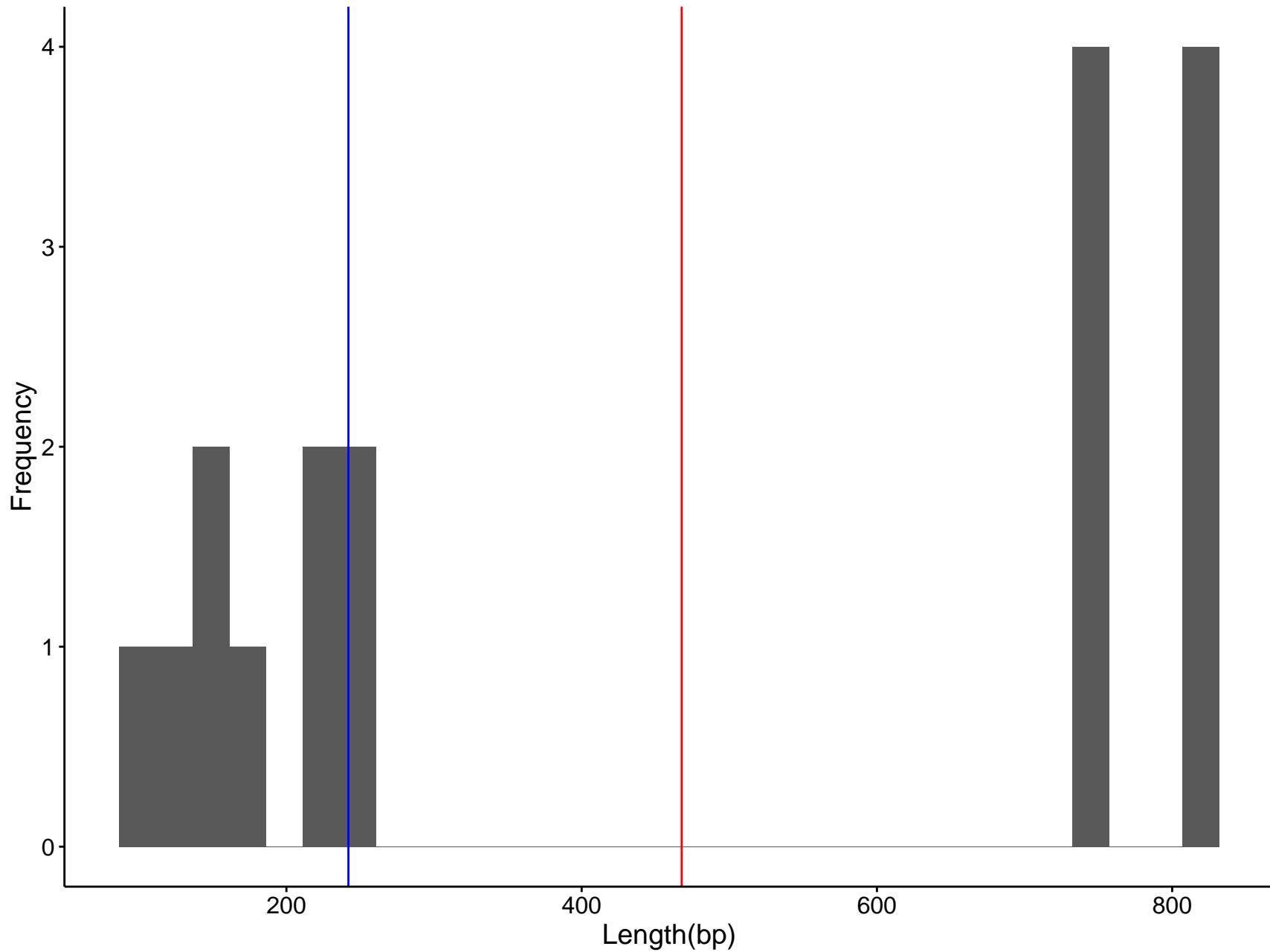




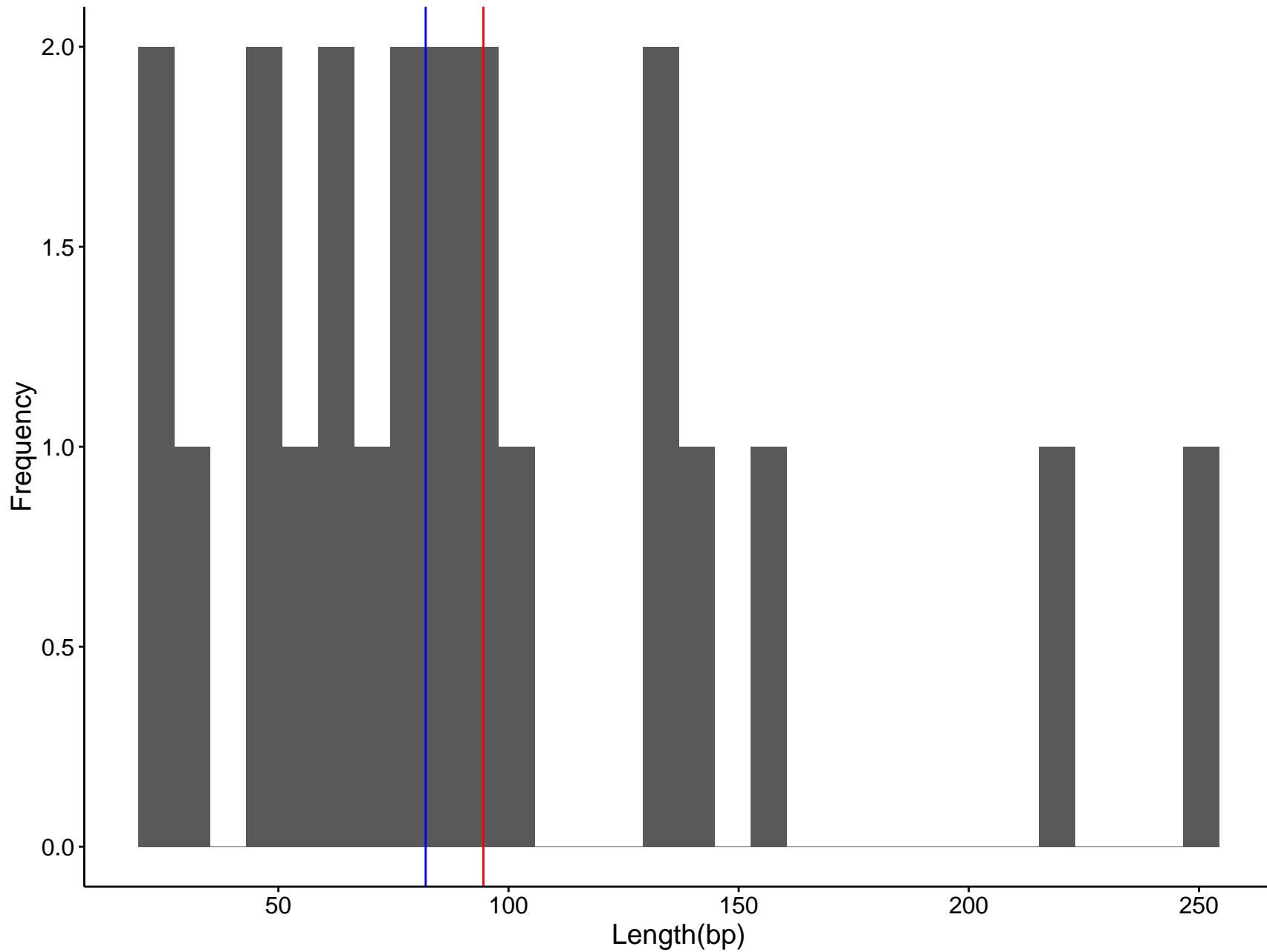
Cluster504



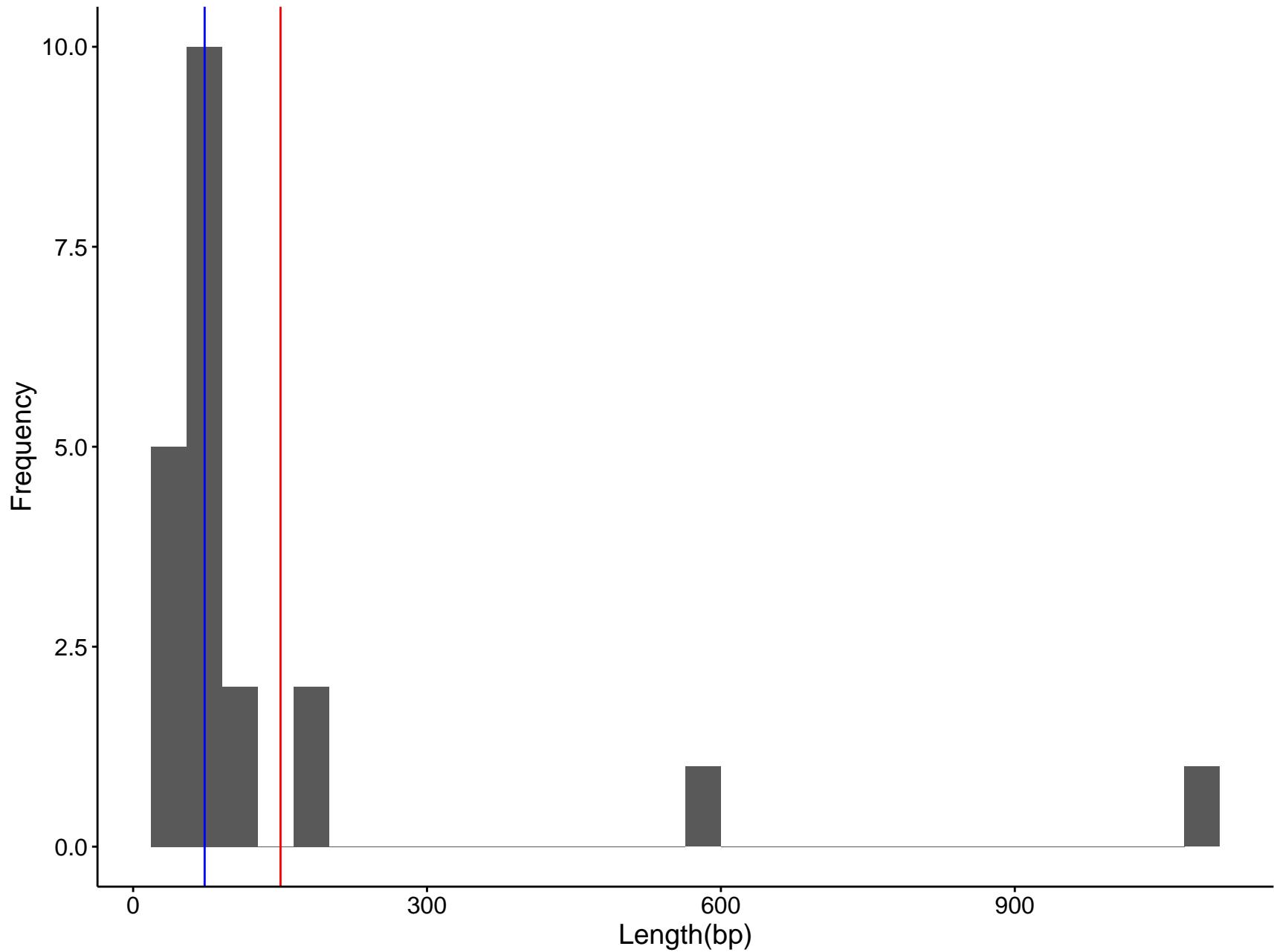
Cluster505



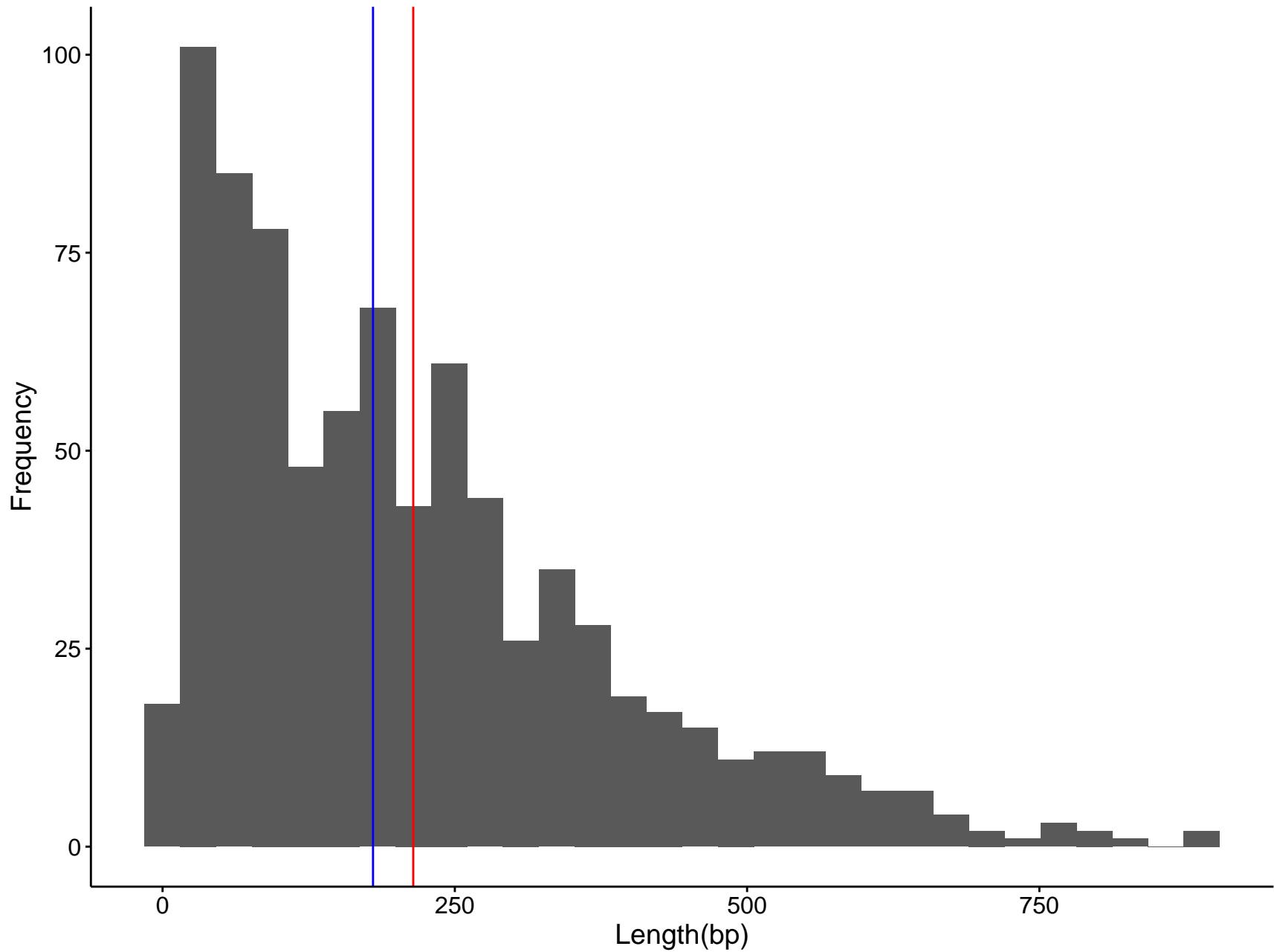
Cluster506



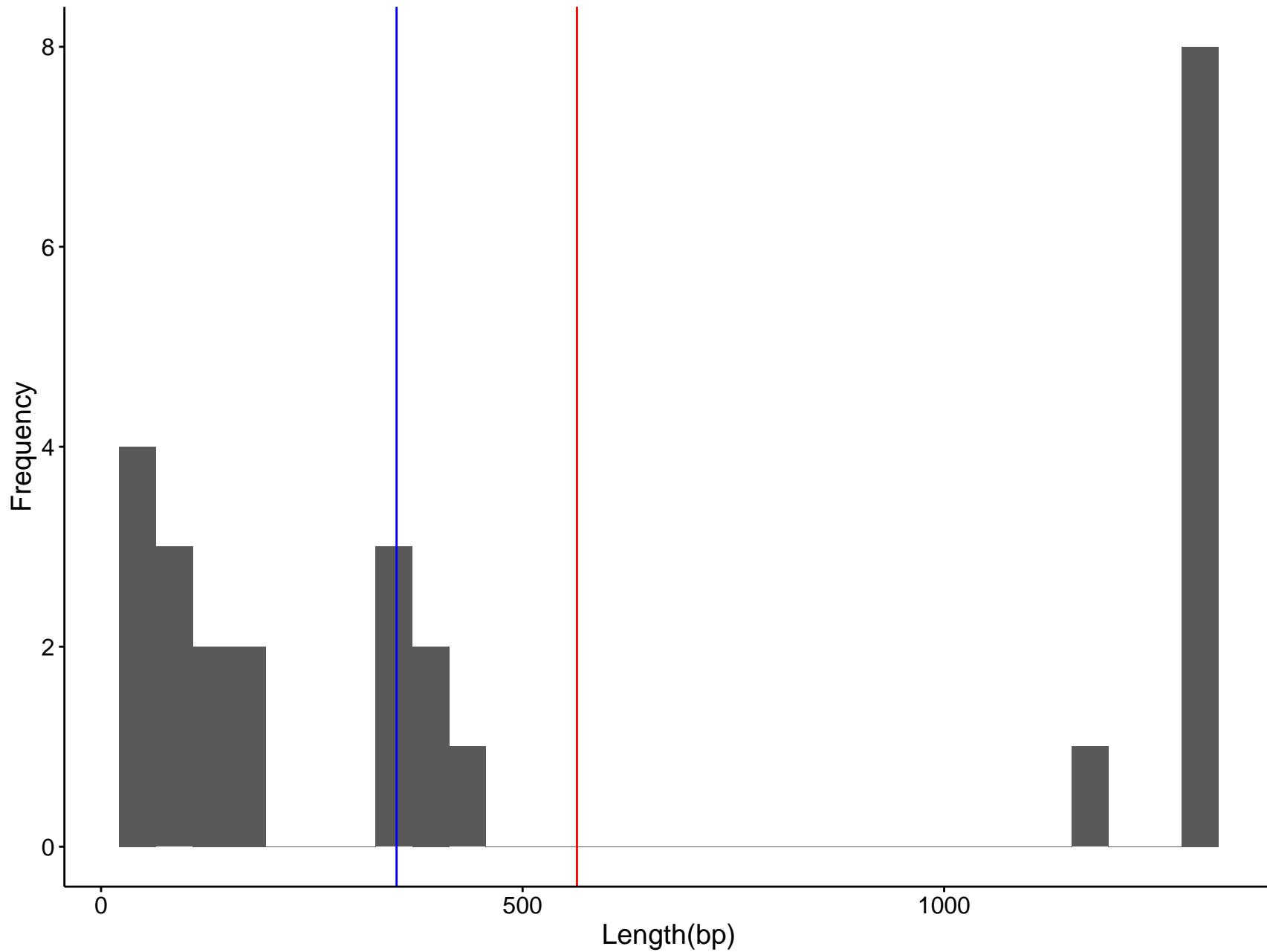
Cluster507



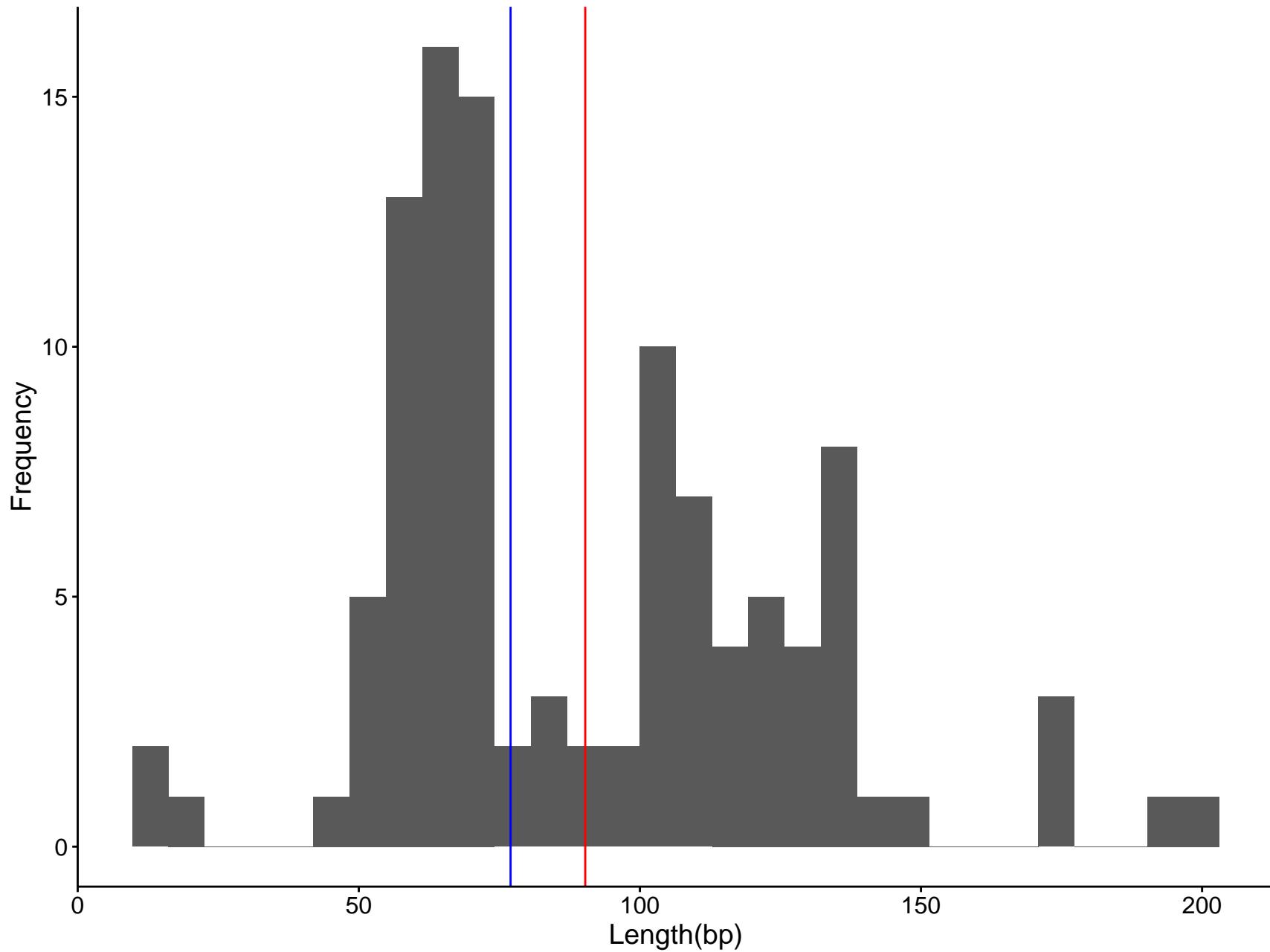
Cluster508



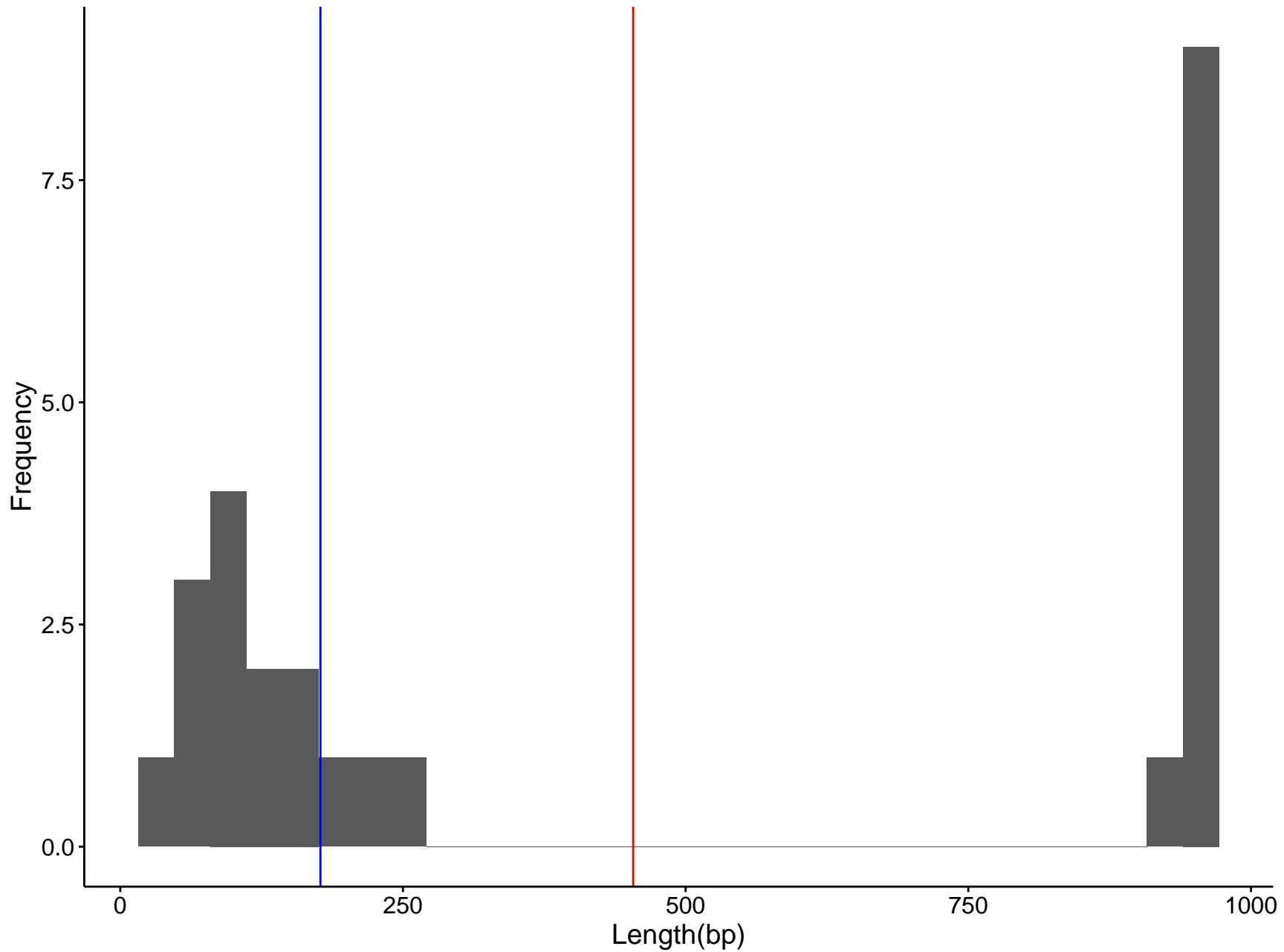
Cluster509



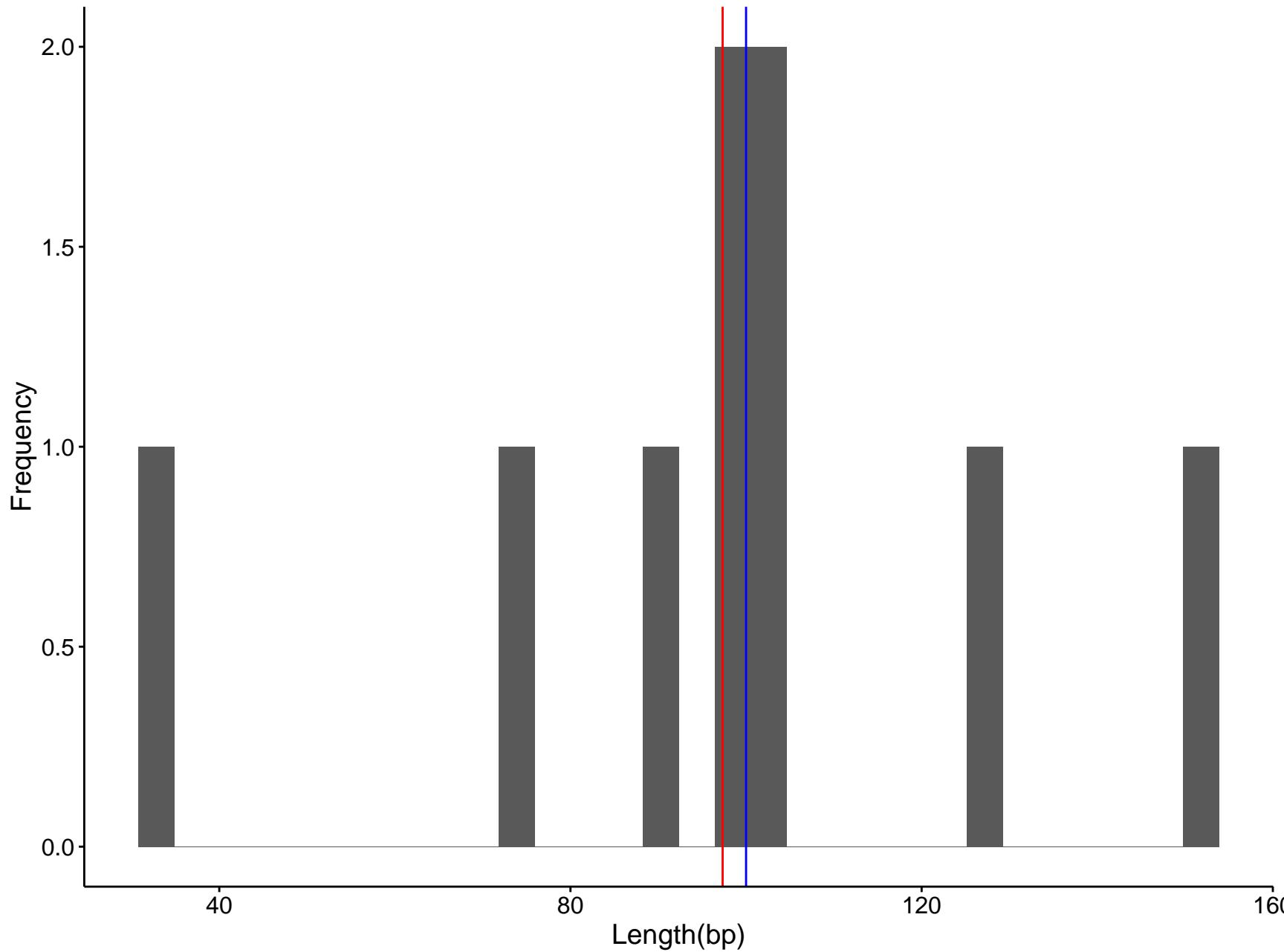
Cluster50



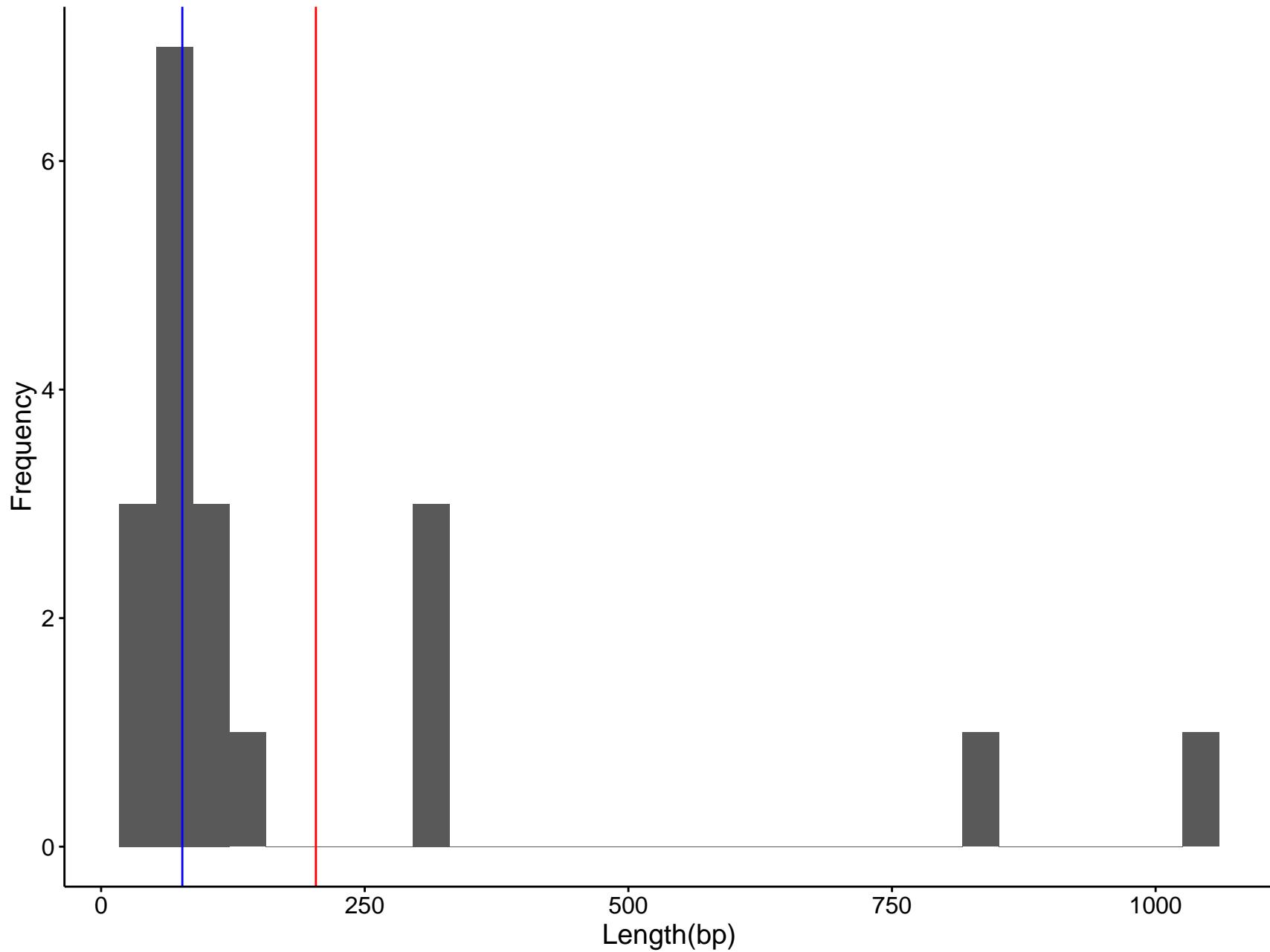
Cluster510



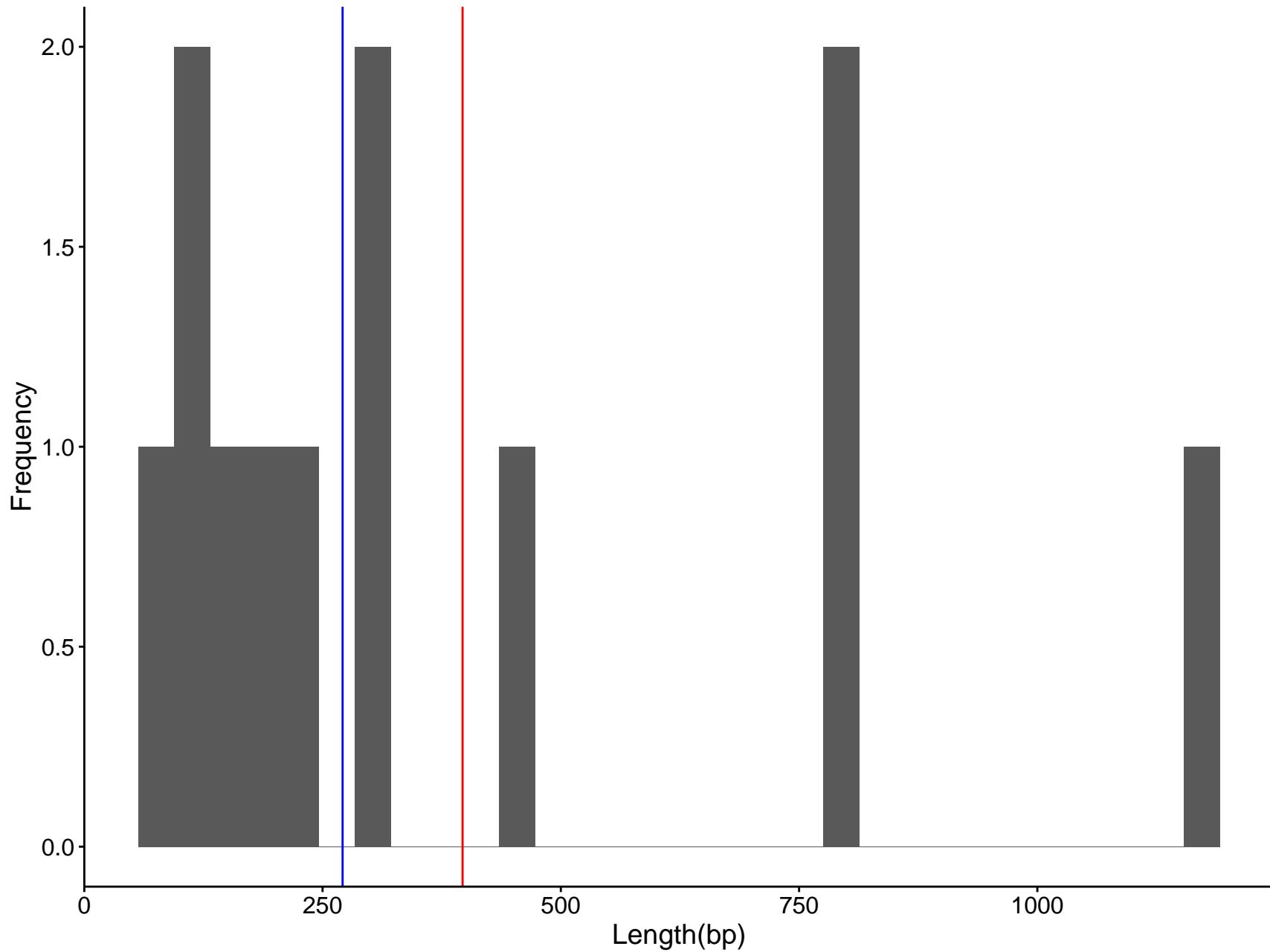
Cluster511



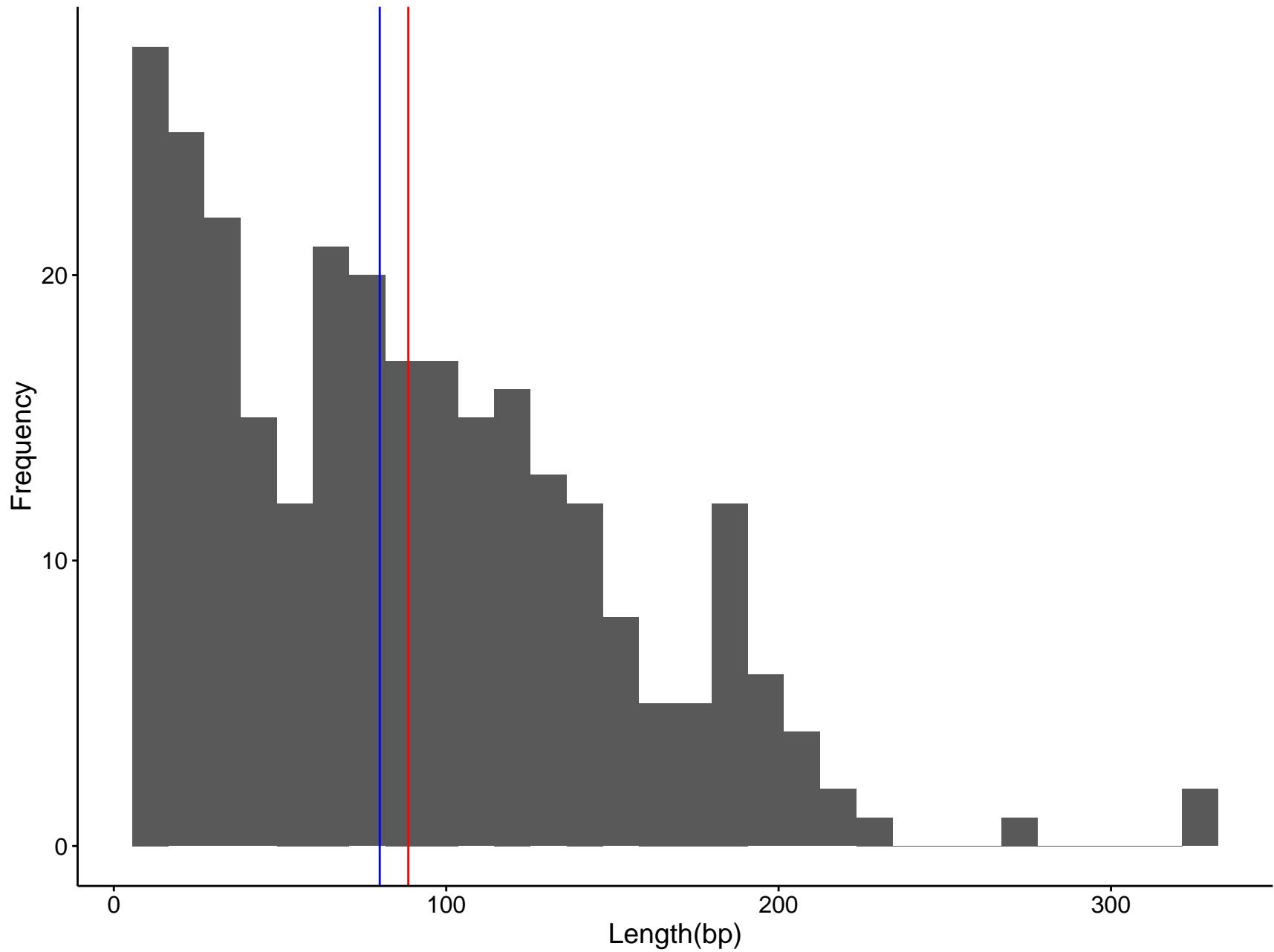
Cluster512



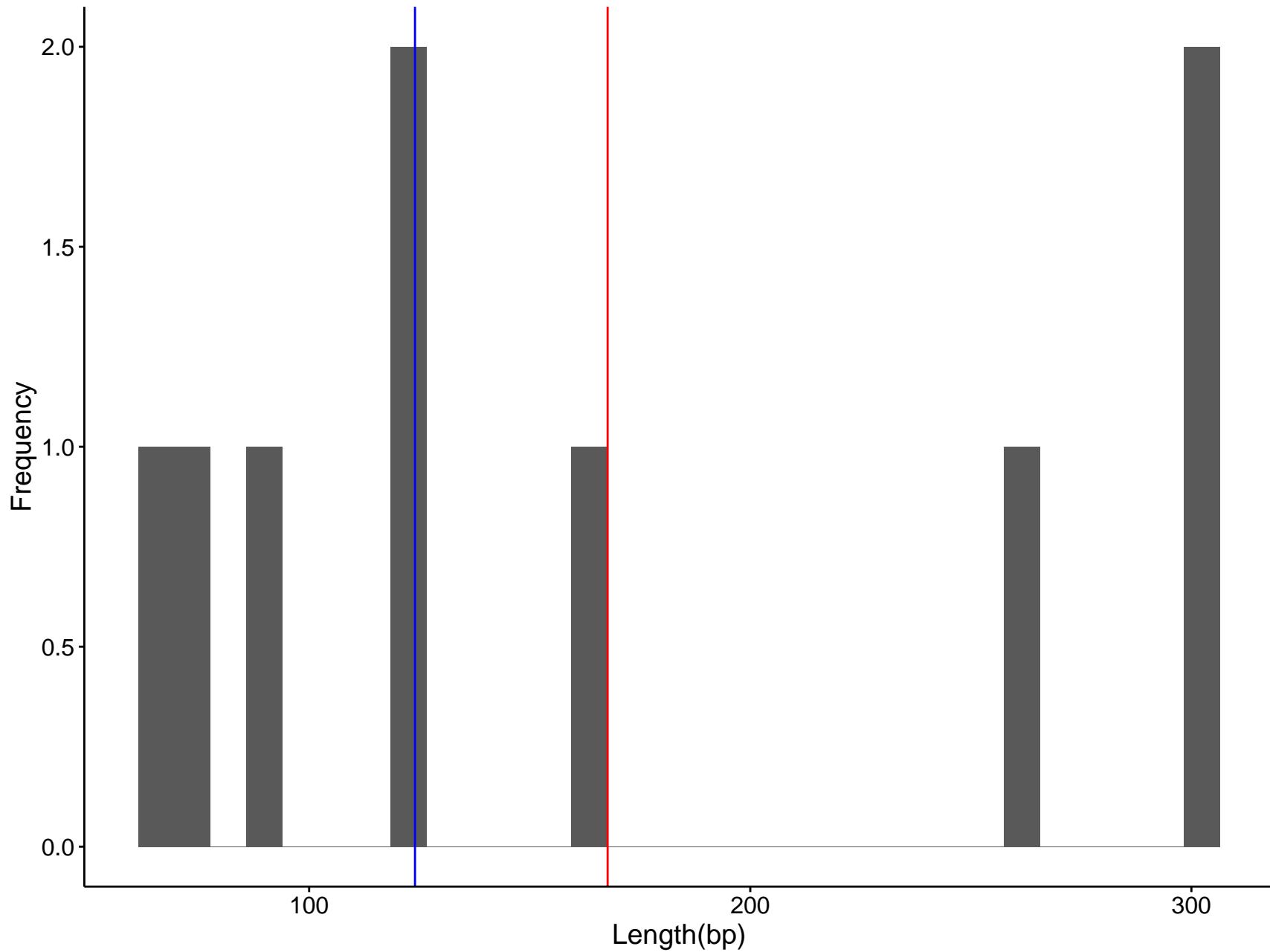
Cluster513



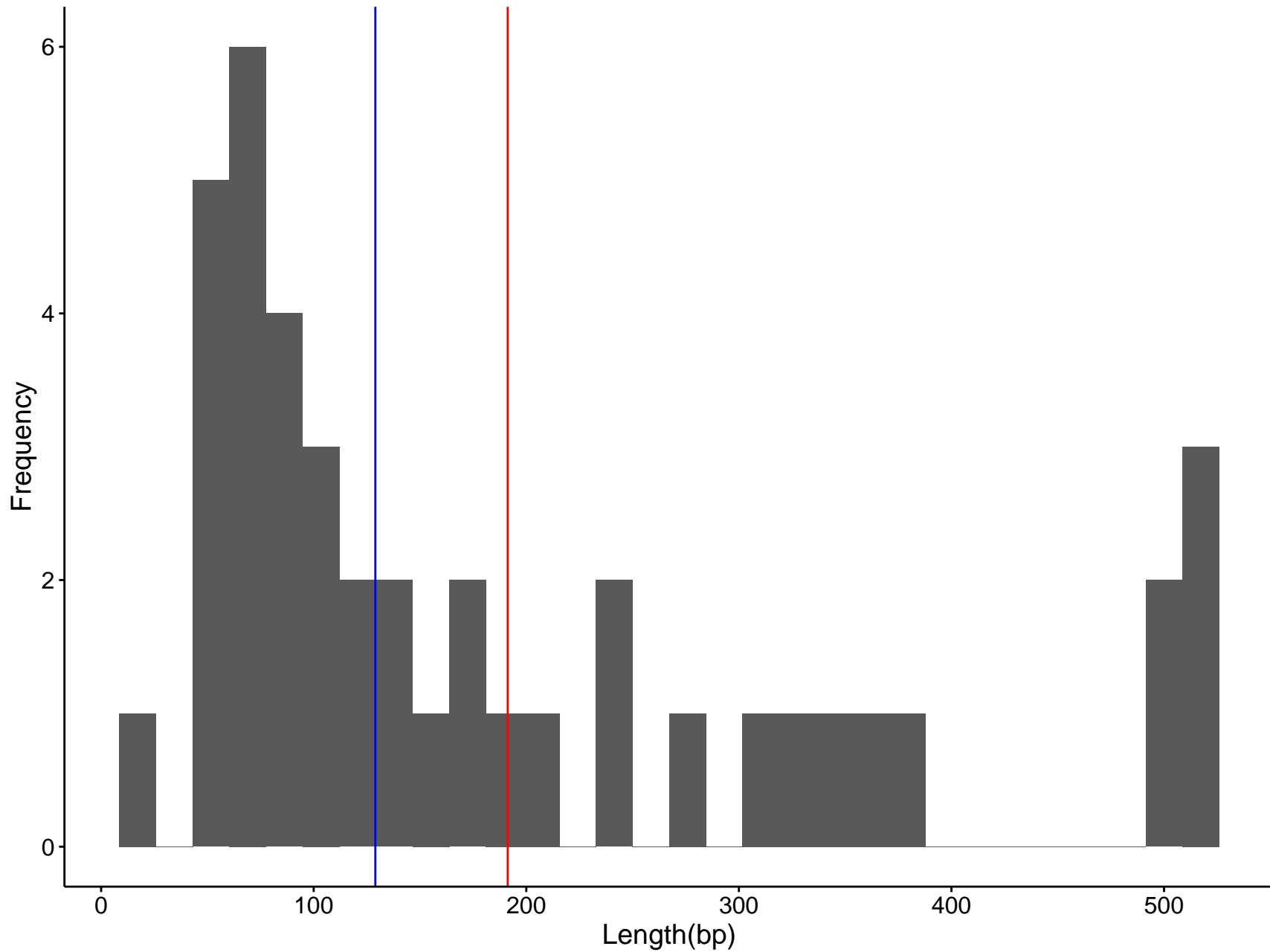
Cluster514



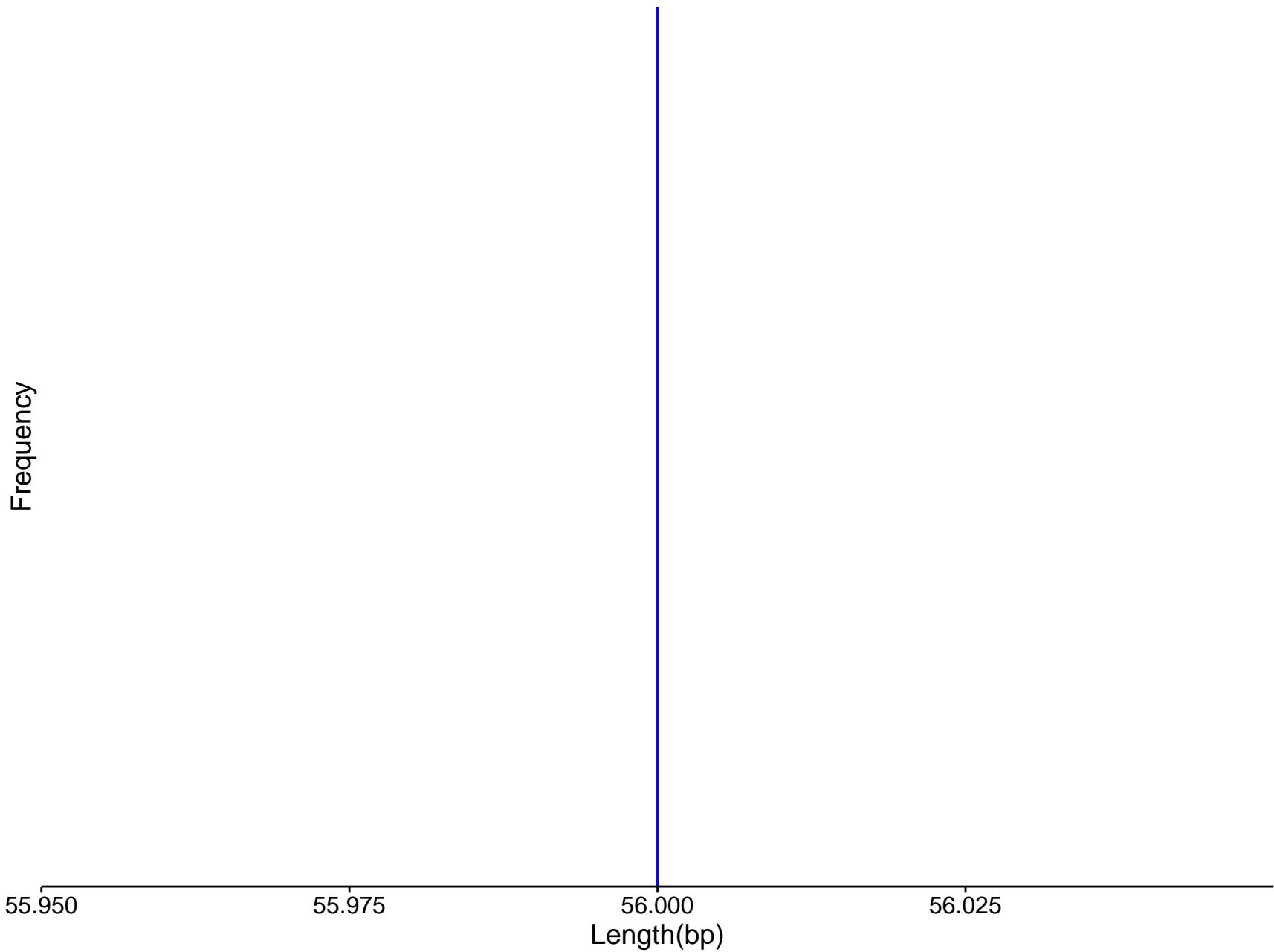
Cluster515



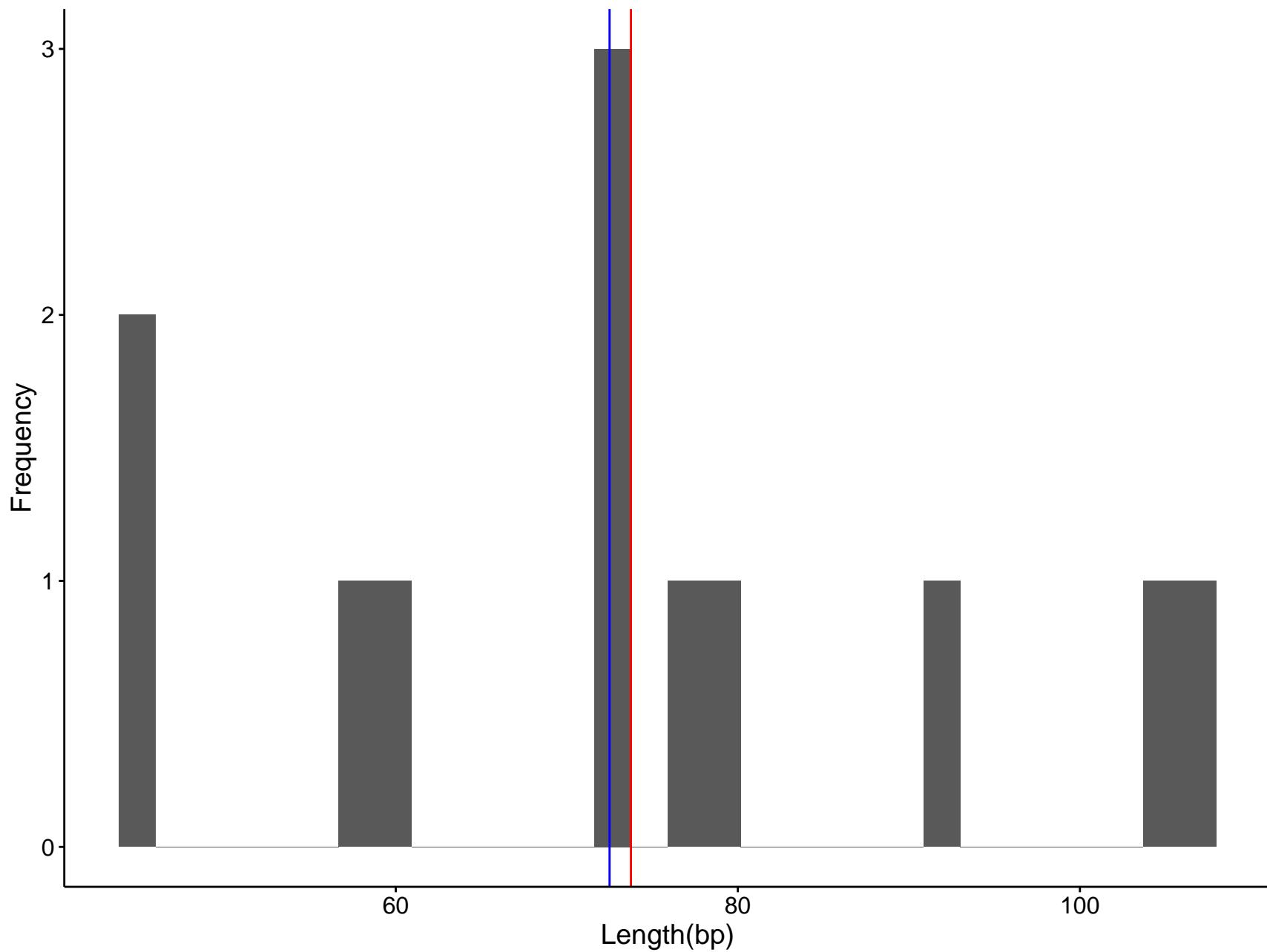
Cluster516



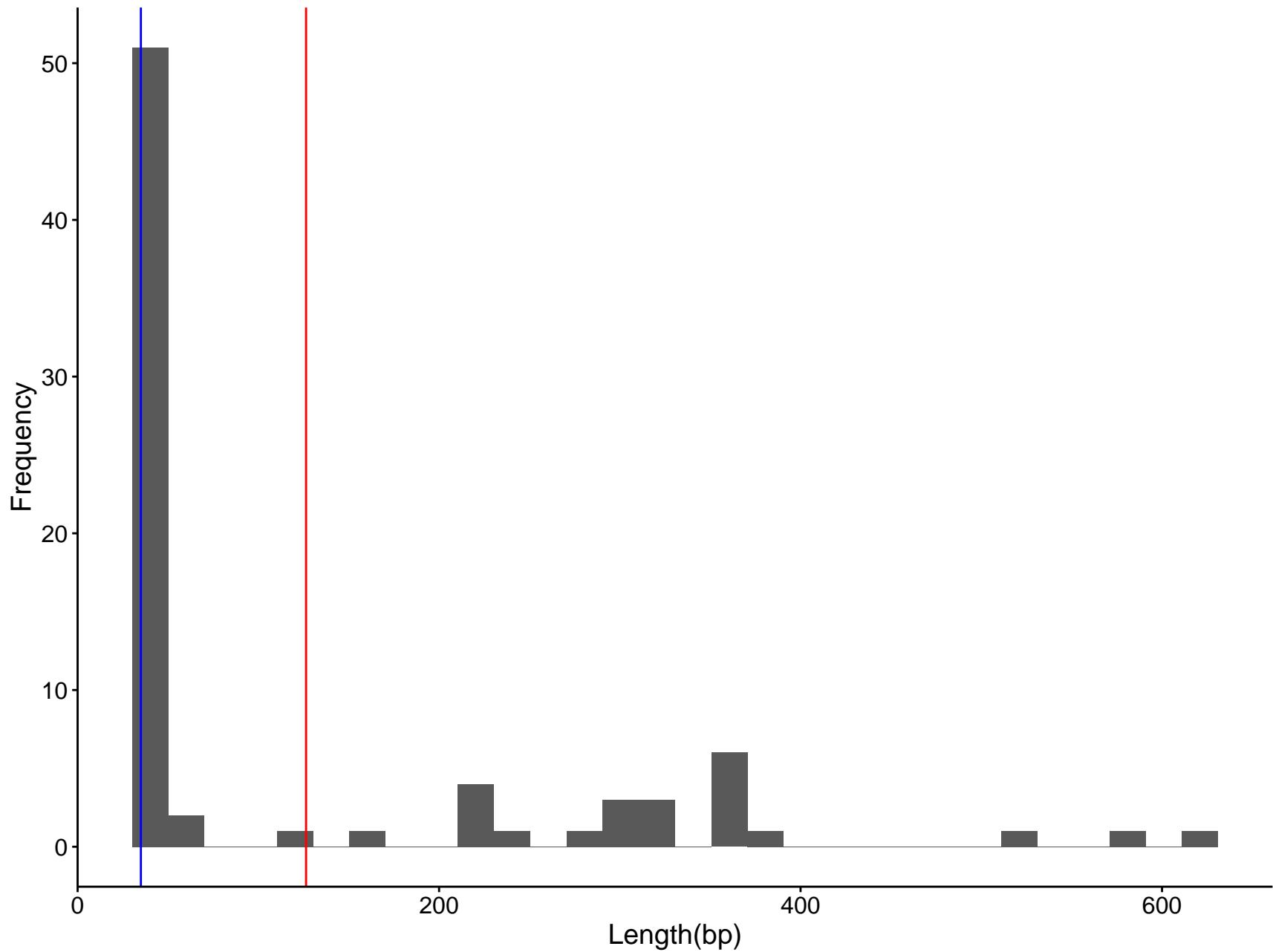
Cluster518



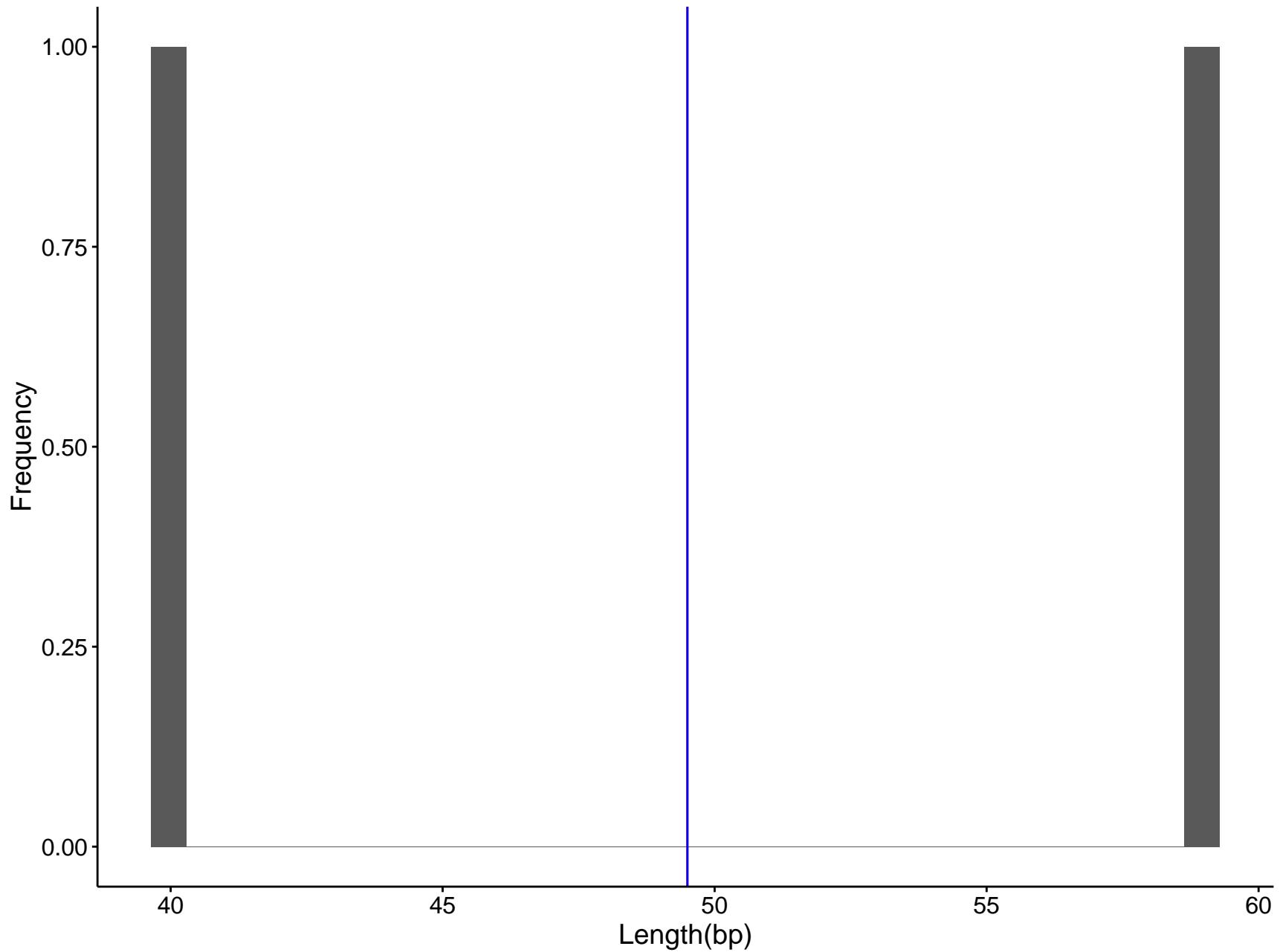
Cluster519



Cluster51



Cluster520



Cluster521

Frequency

66.950

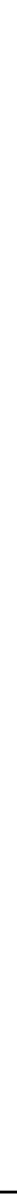
66.975

67.000

67.025

67.0

Length(bp)



Cluster527

Frequency

140.950

140.975

141.000

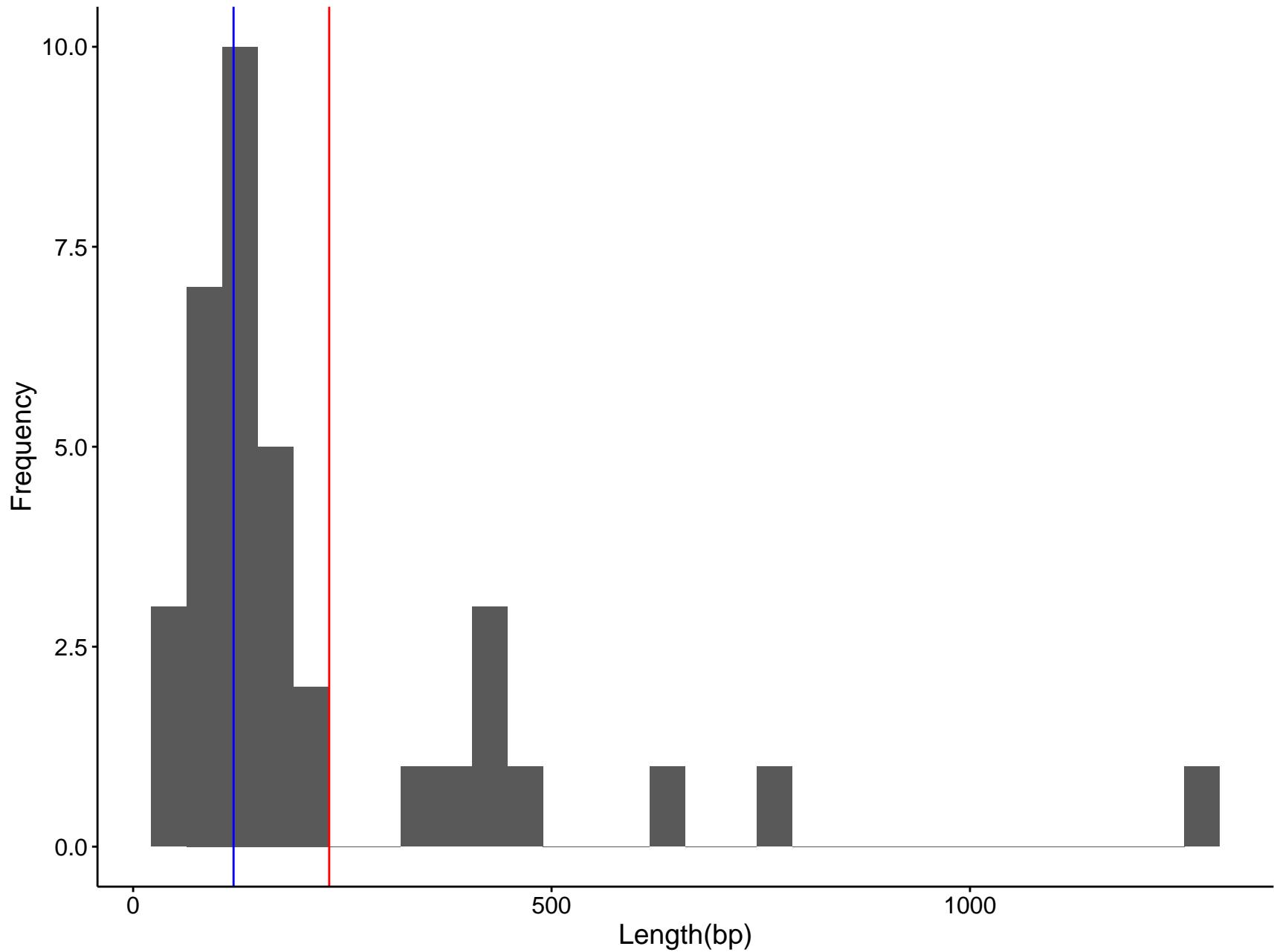
141.025

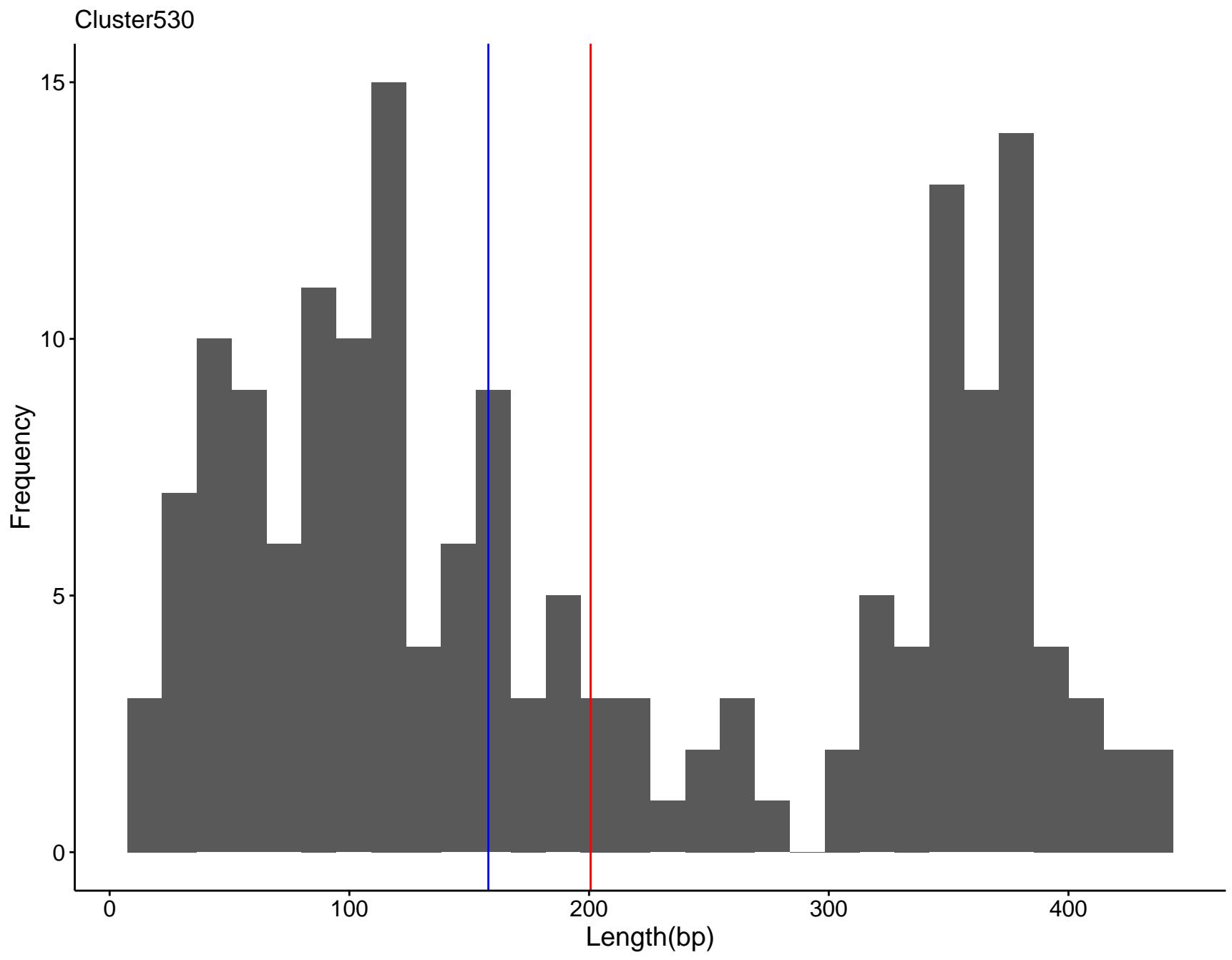
141.050

Length(bp)

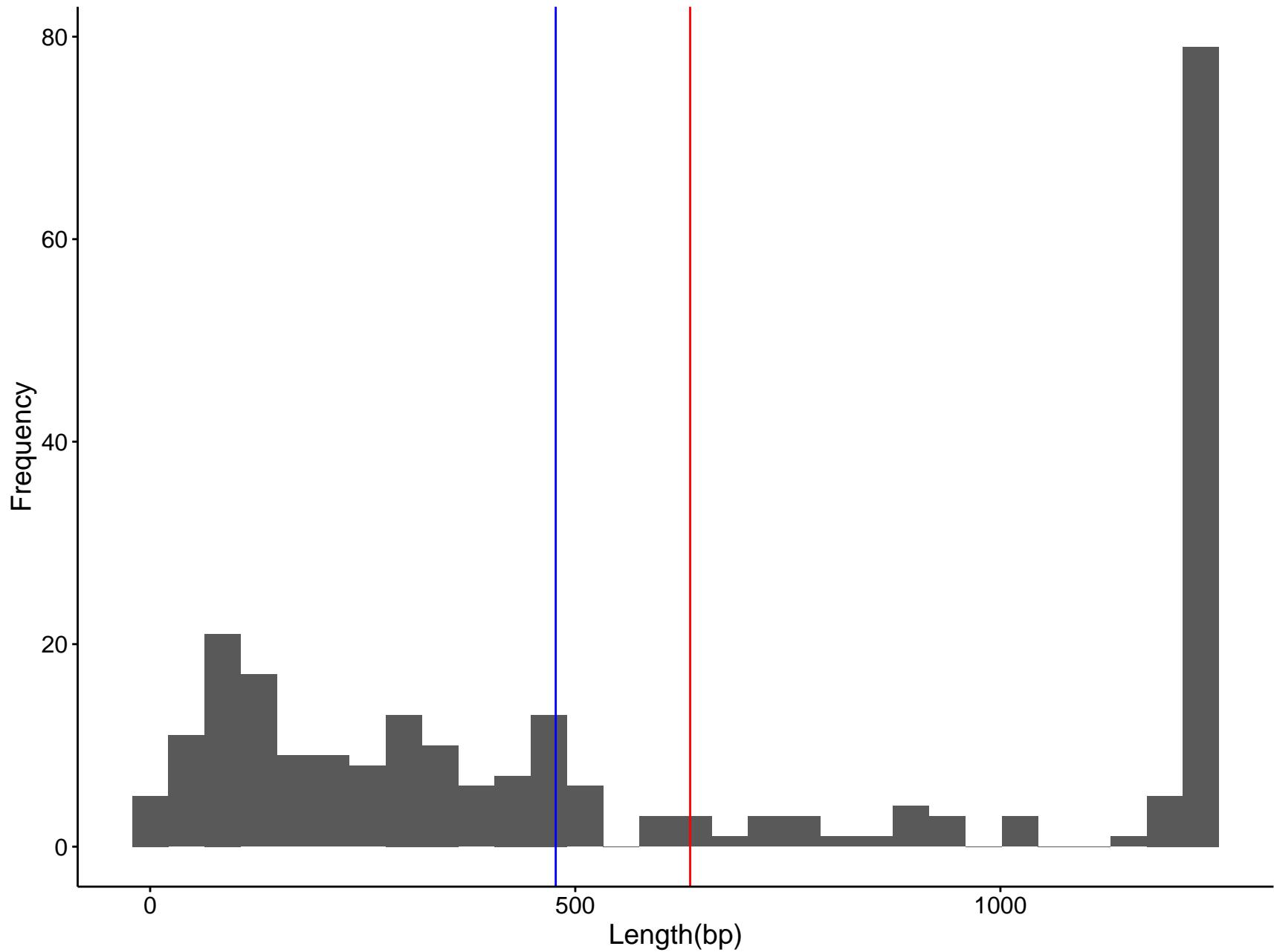


Cluster528

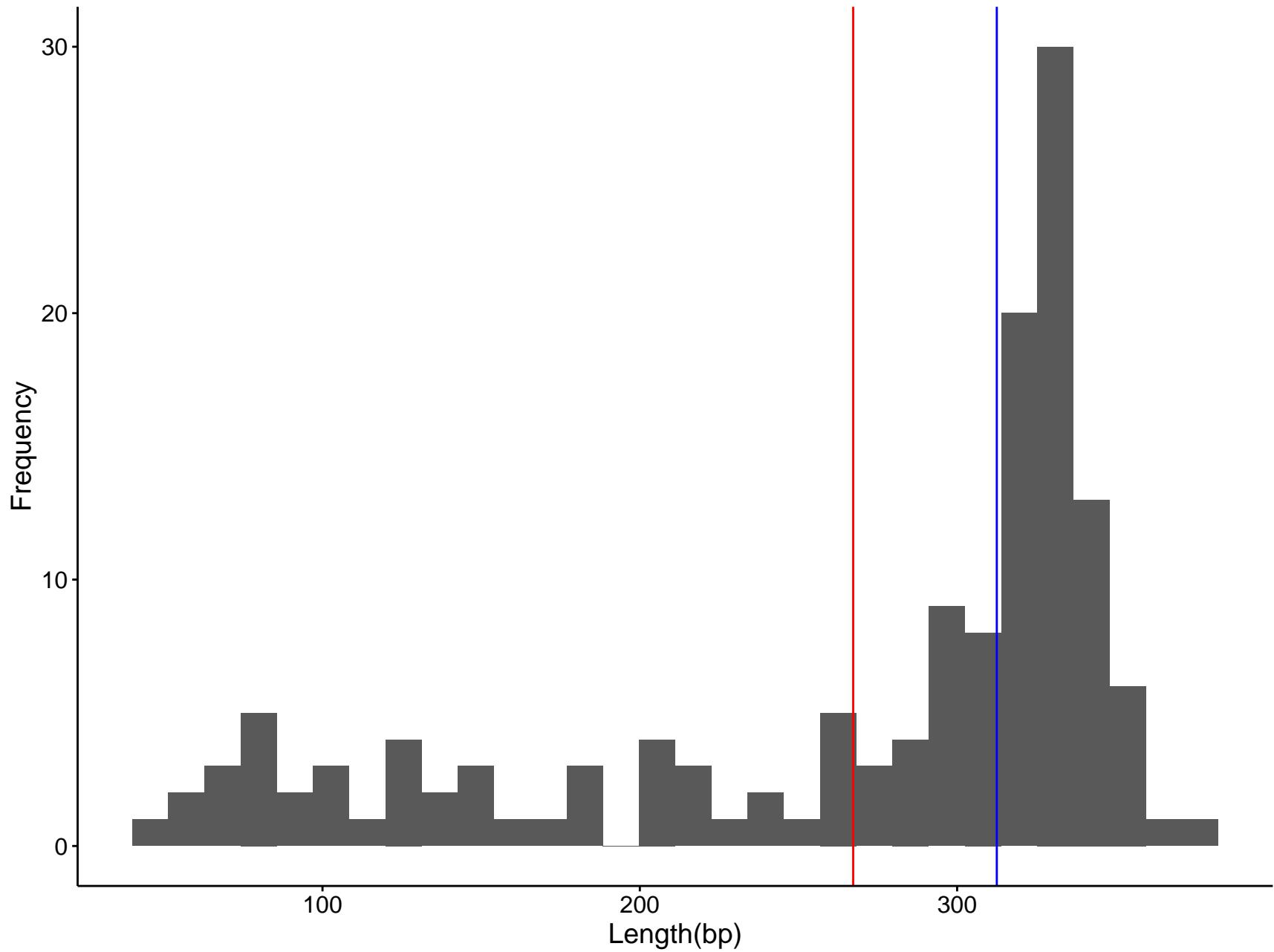




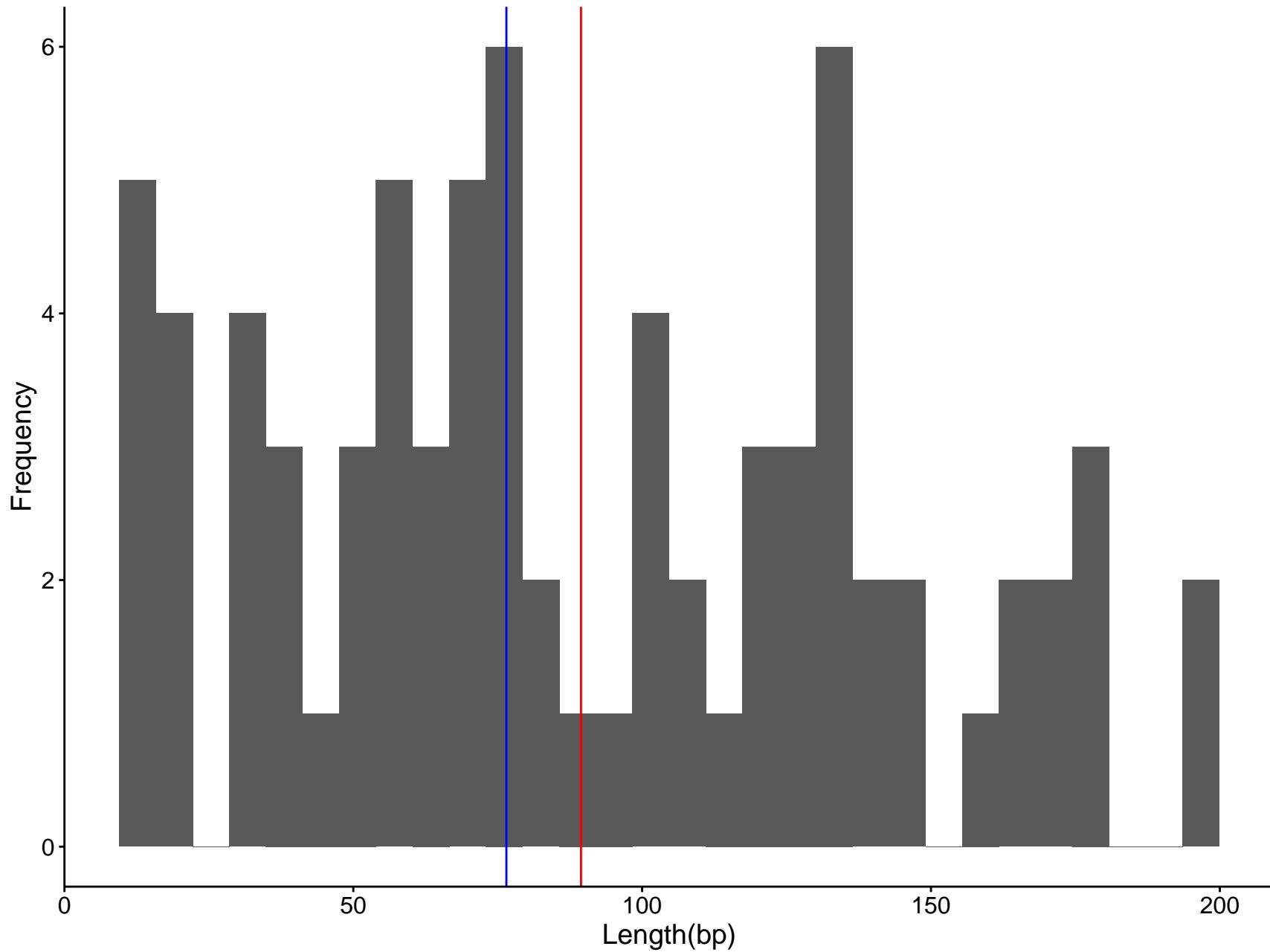
Cluster531



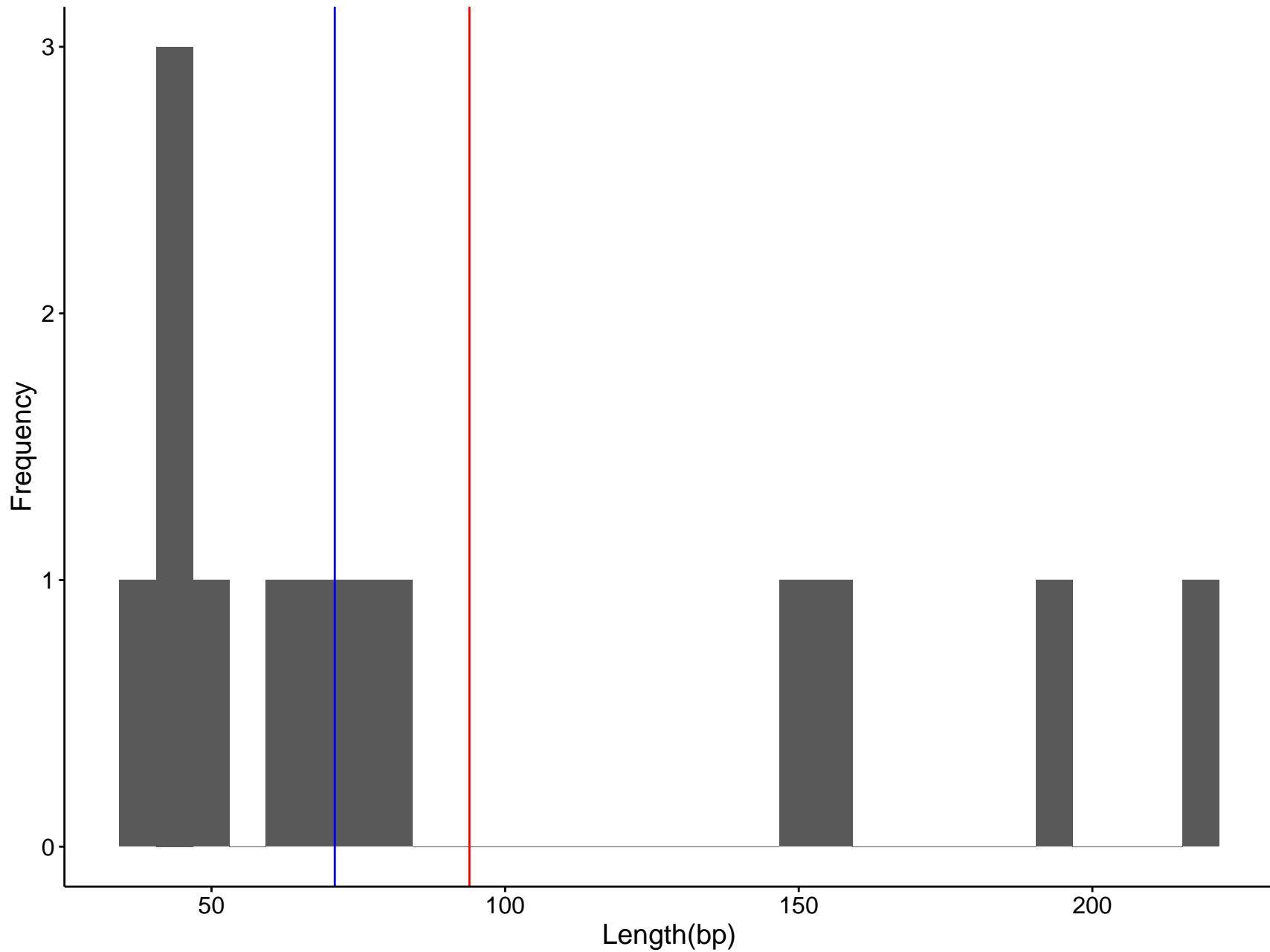
Cluster532



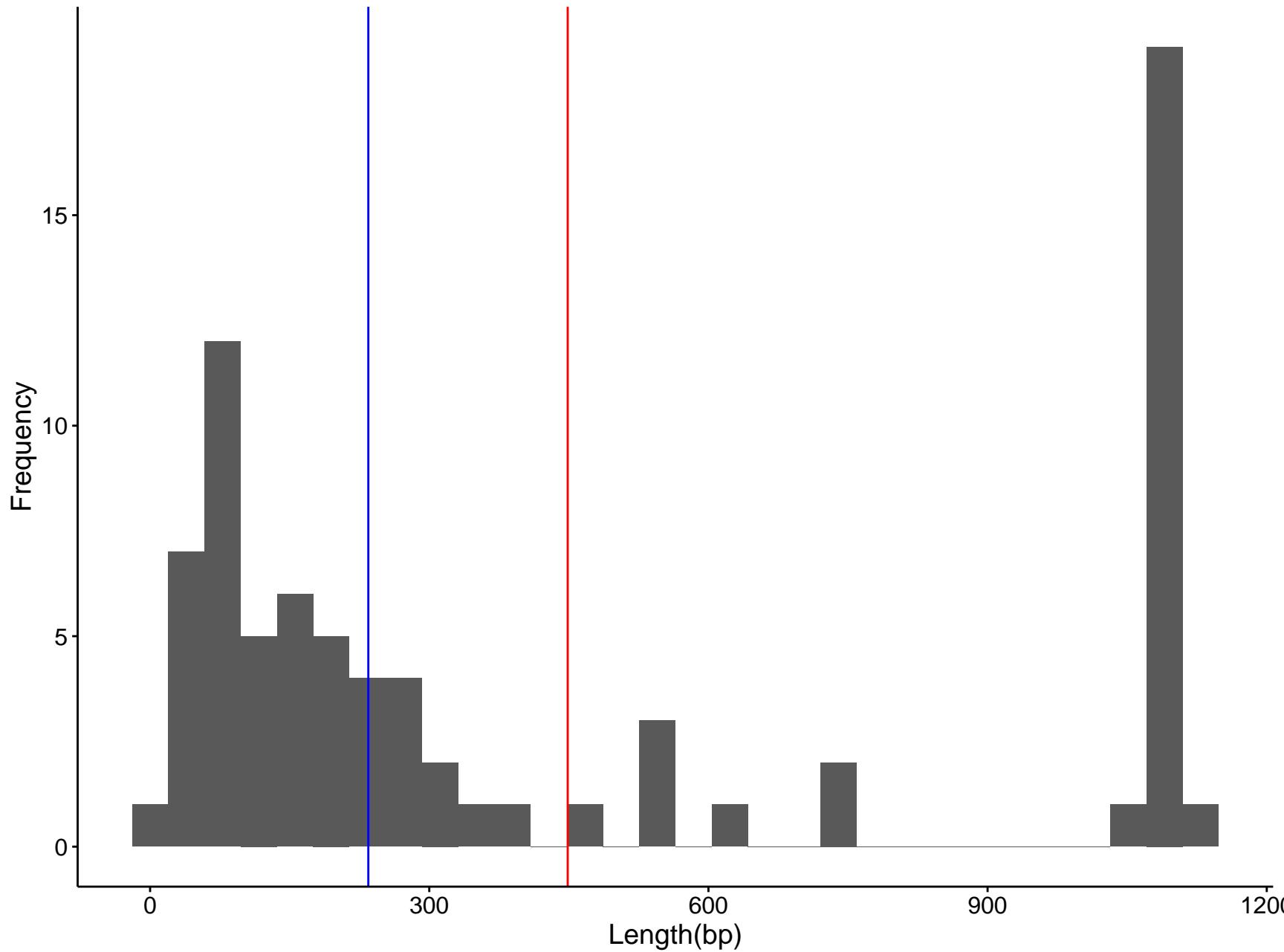
Cluster533



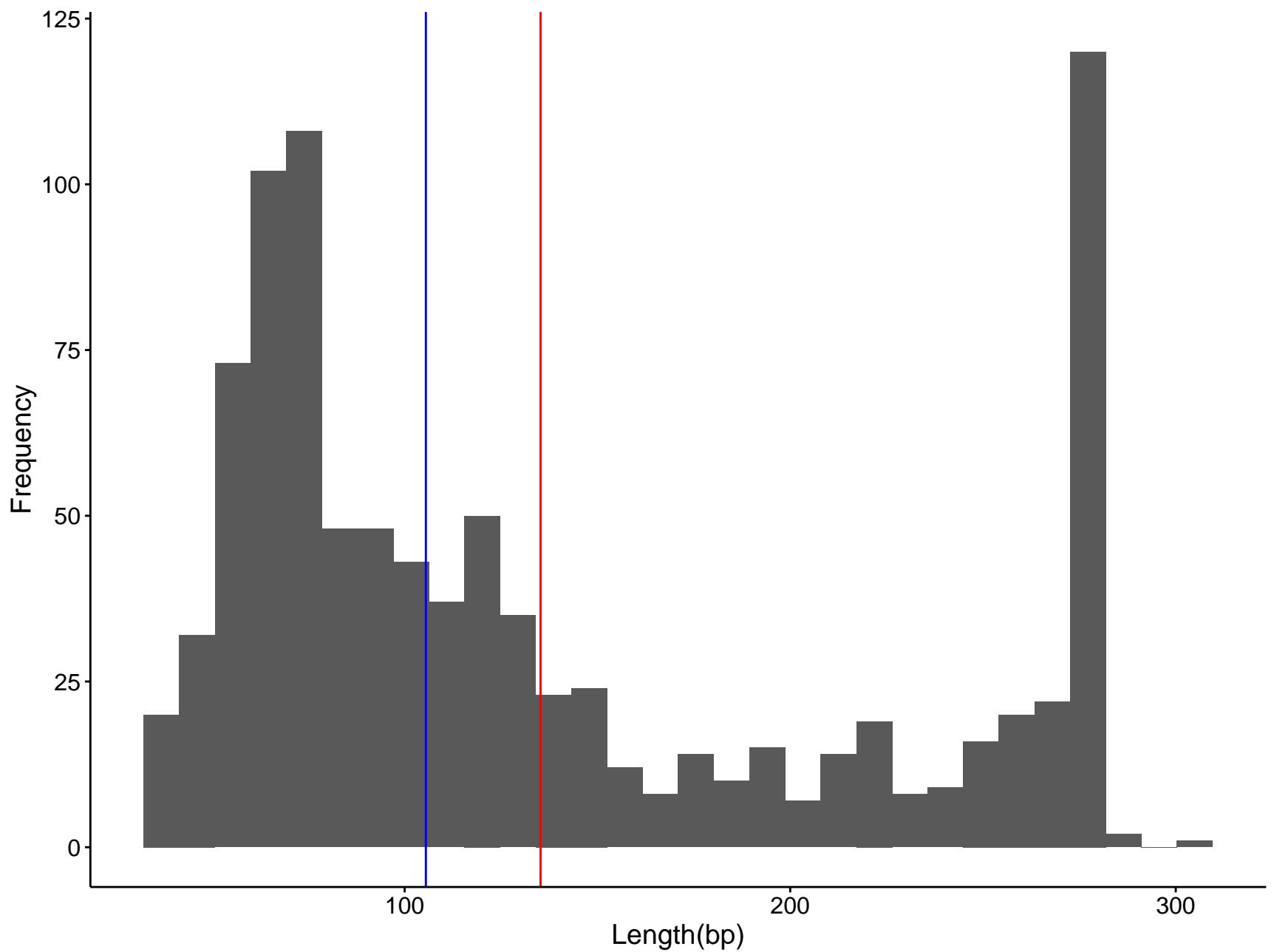
Cluster534



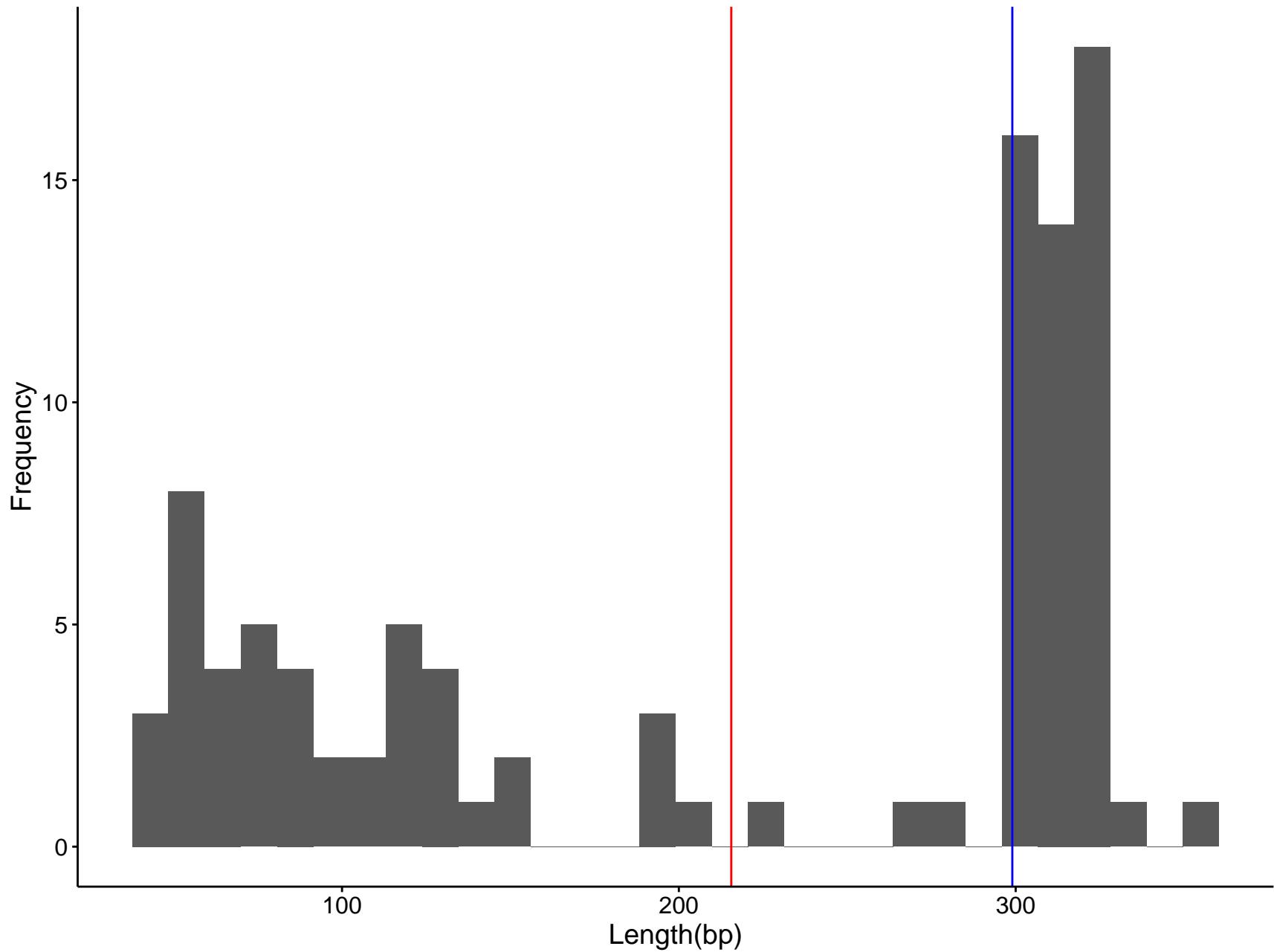
Cluster535



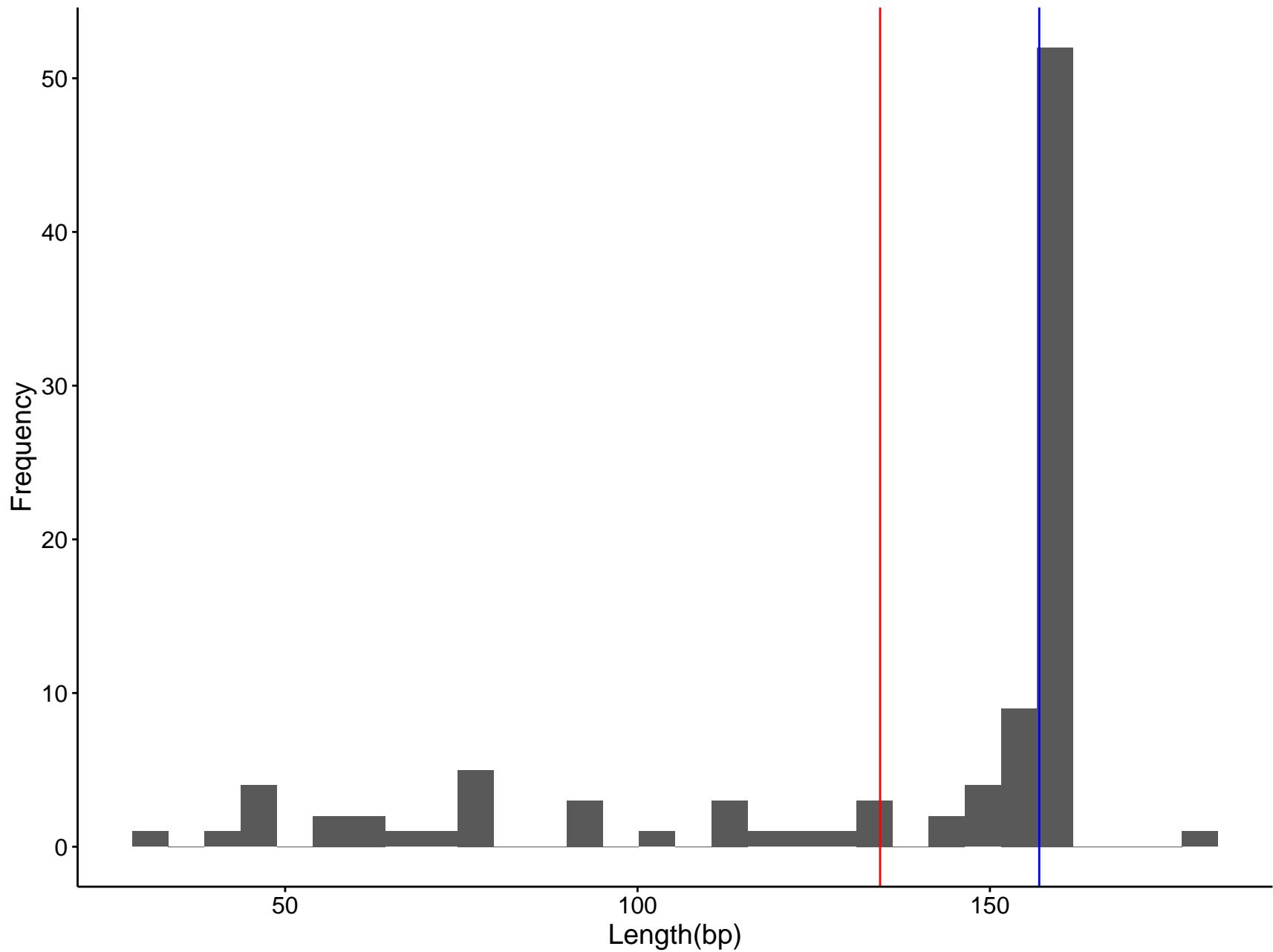
Cluster536



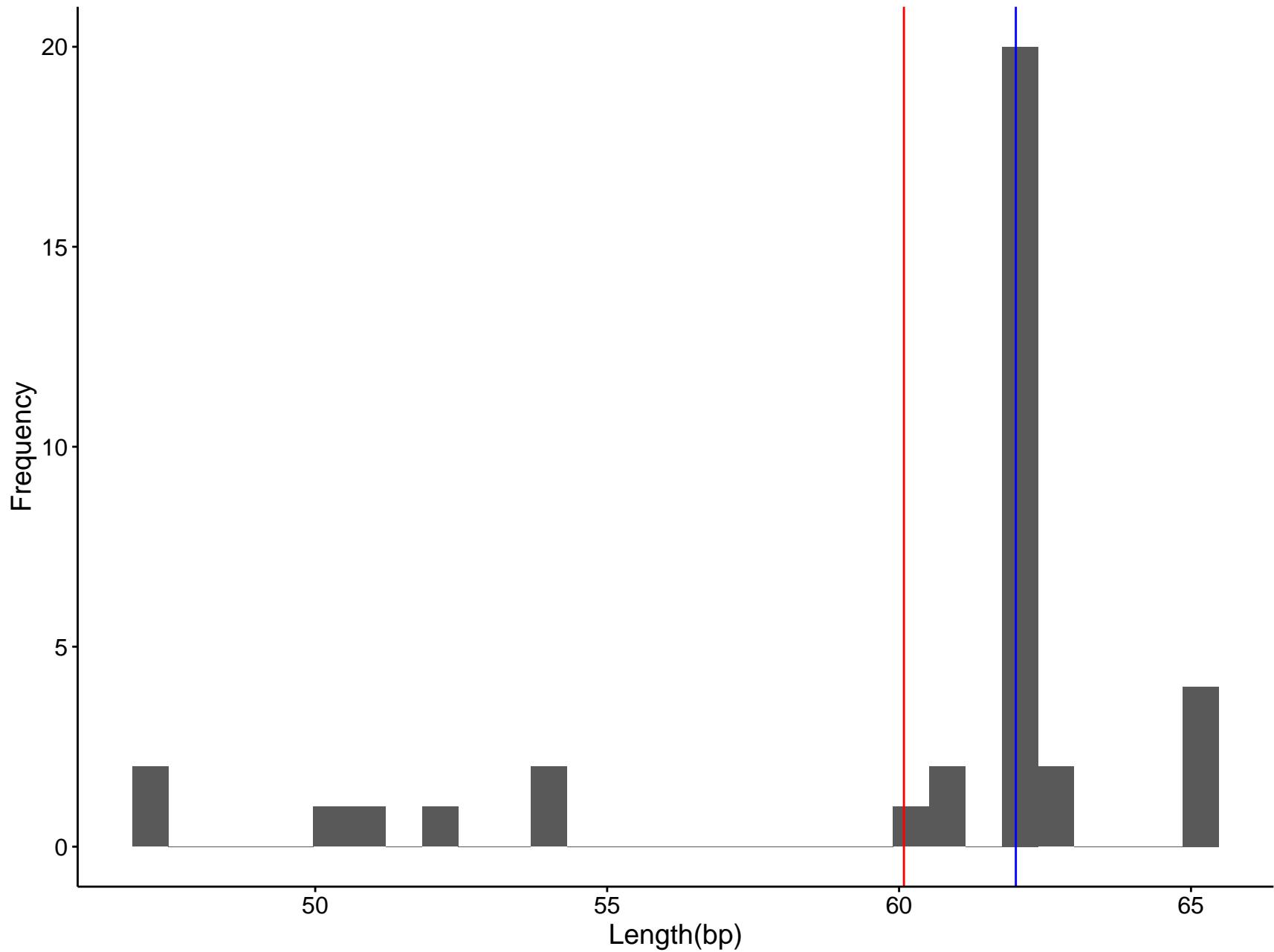
Cluster538



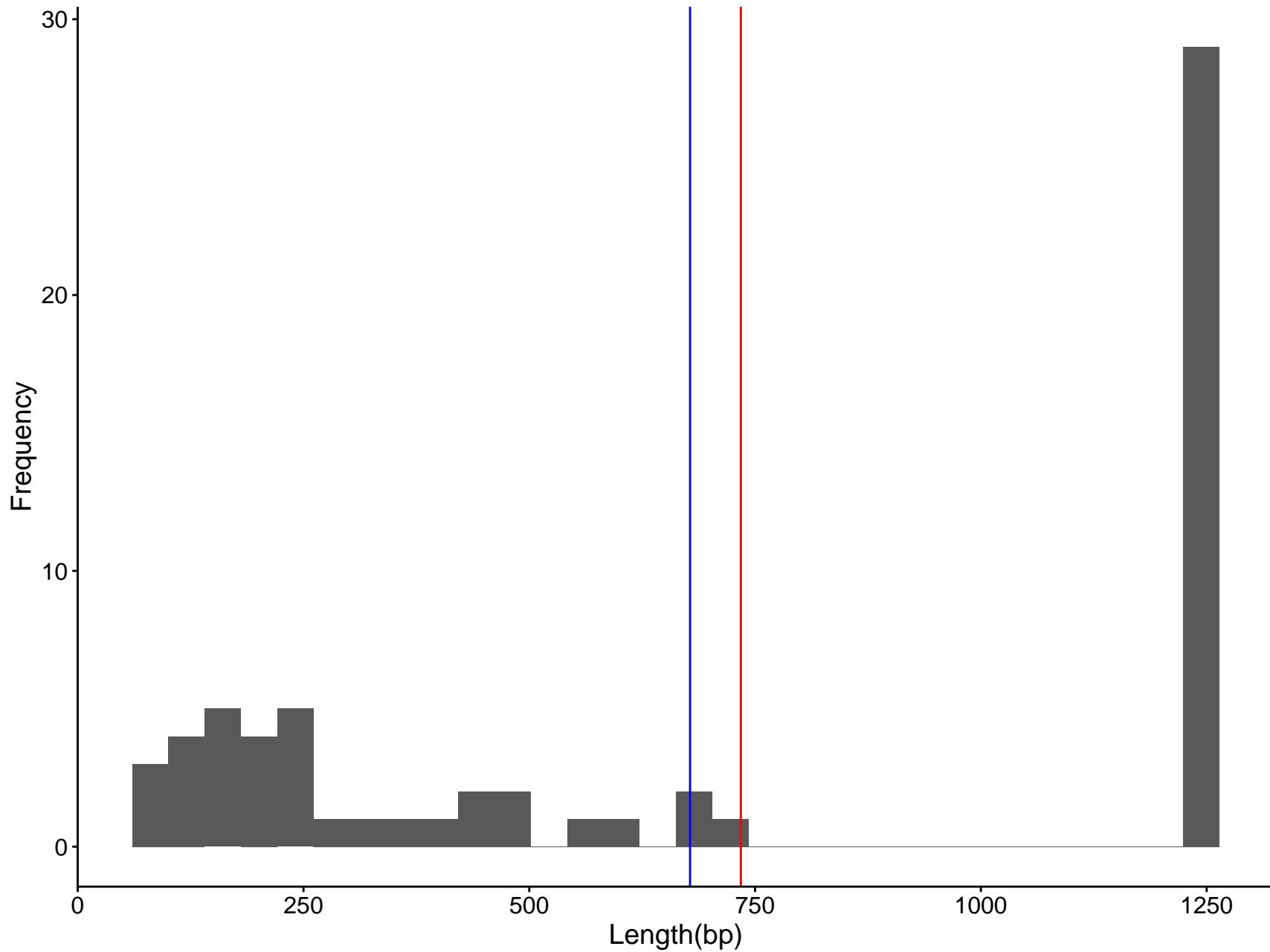
Cluster539



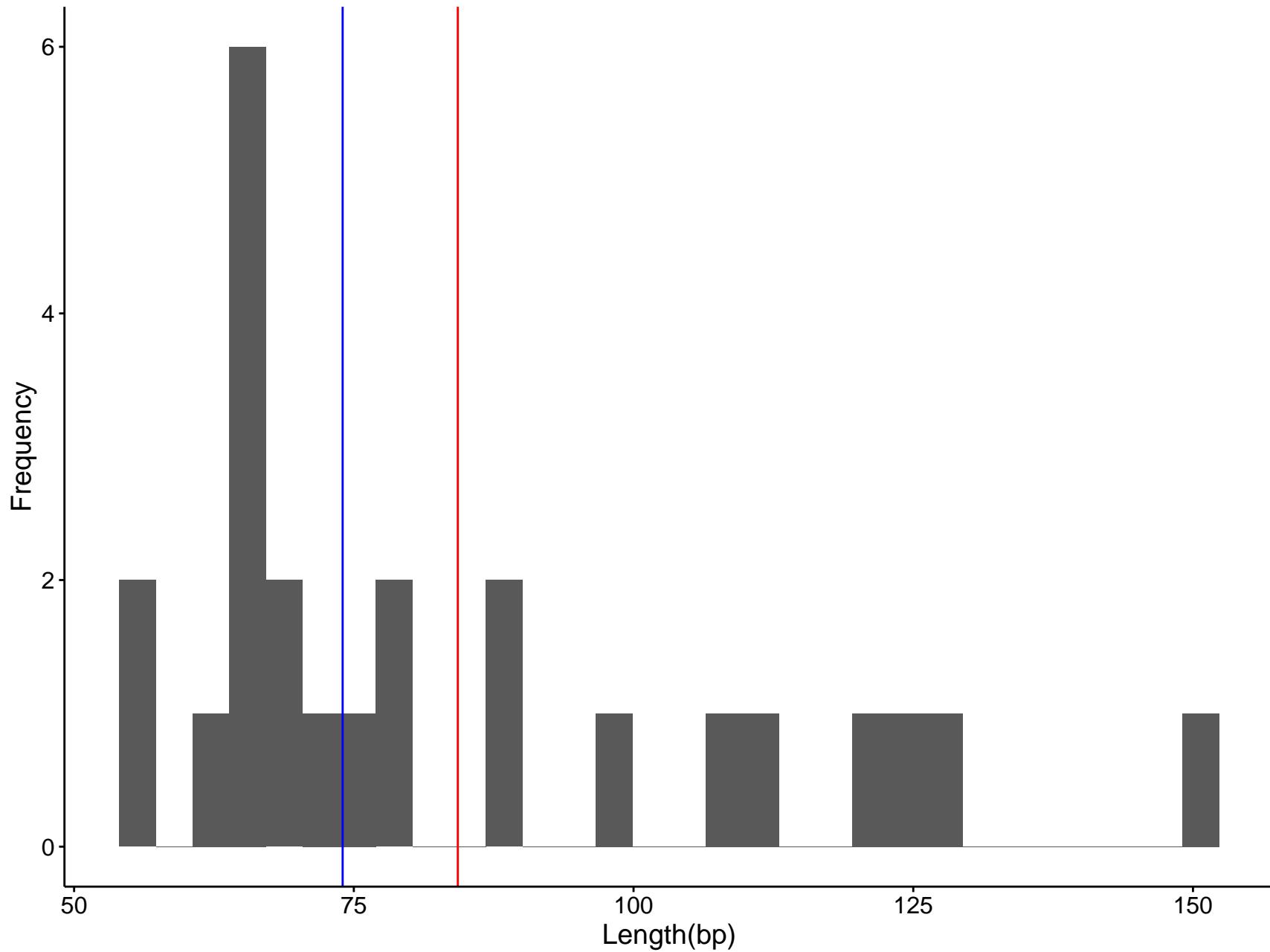
Cluster541



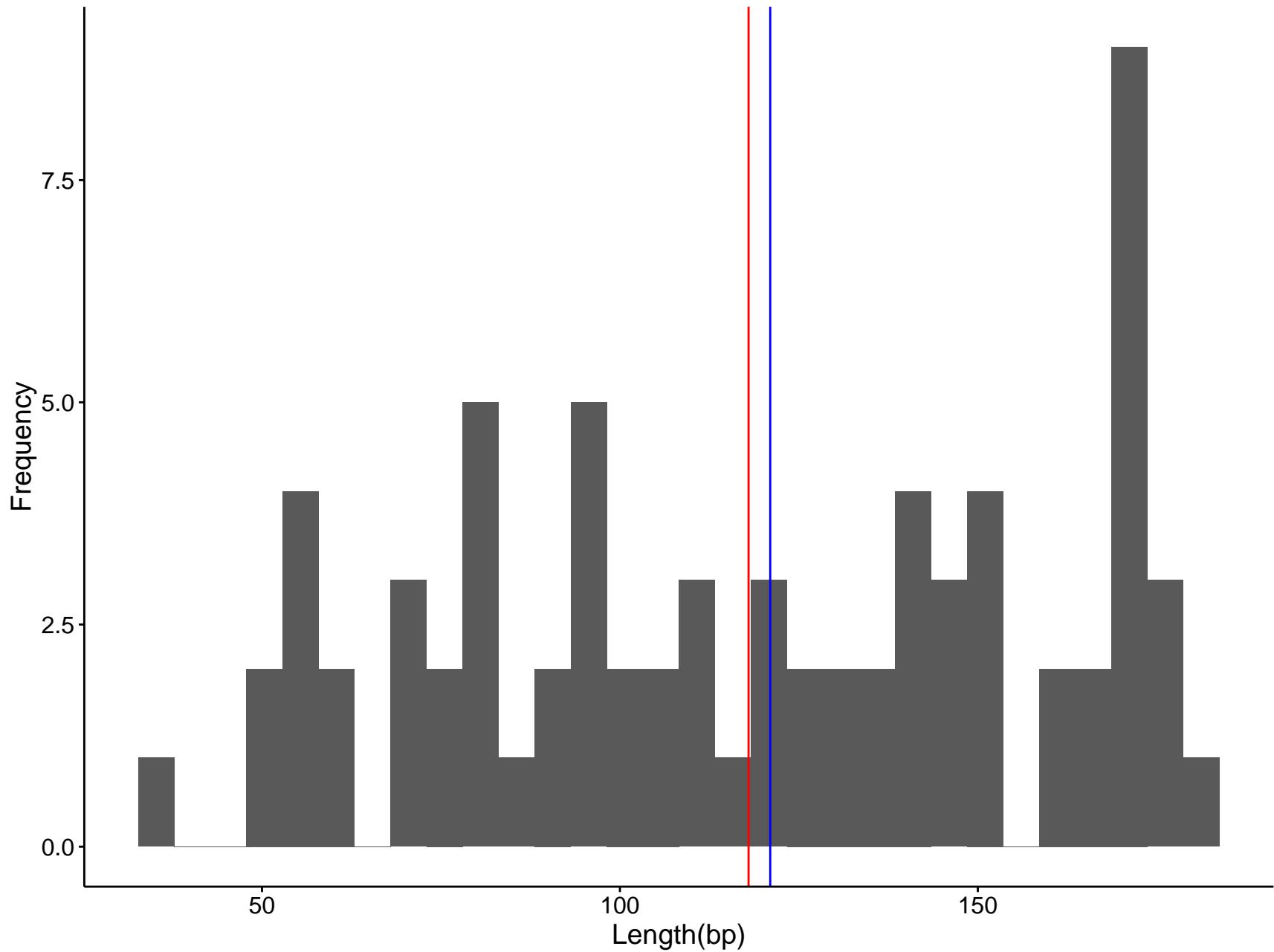
Cluster545



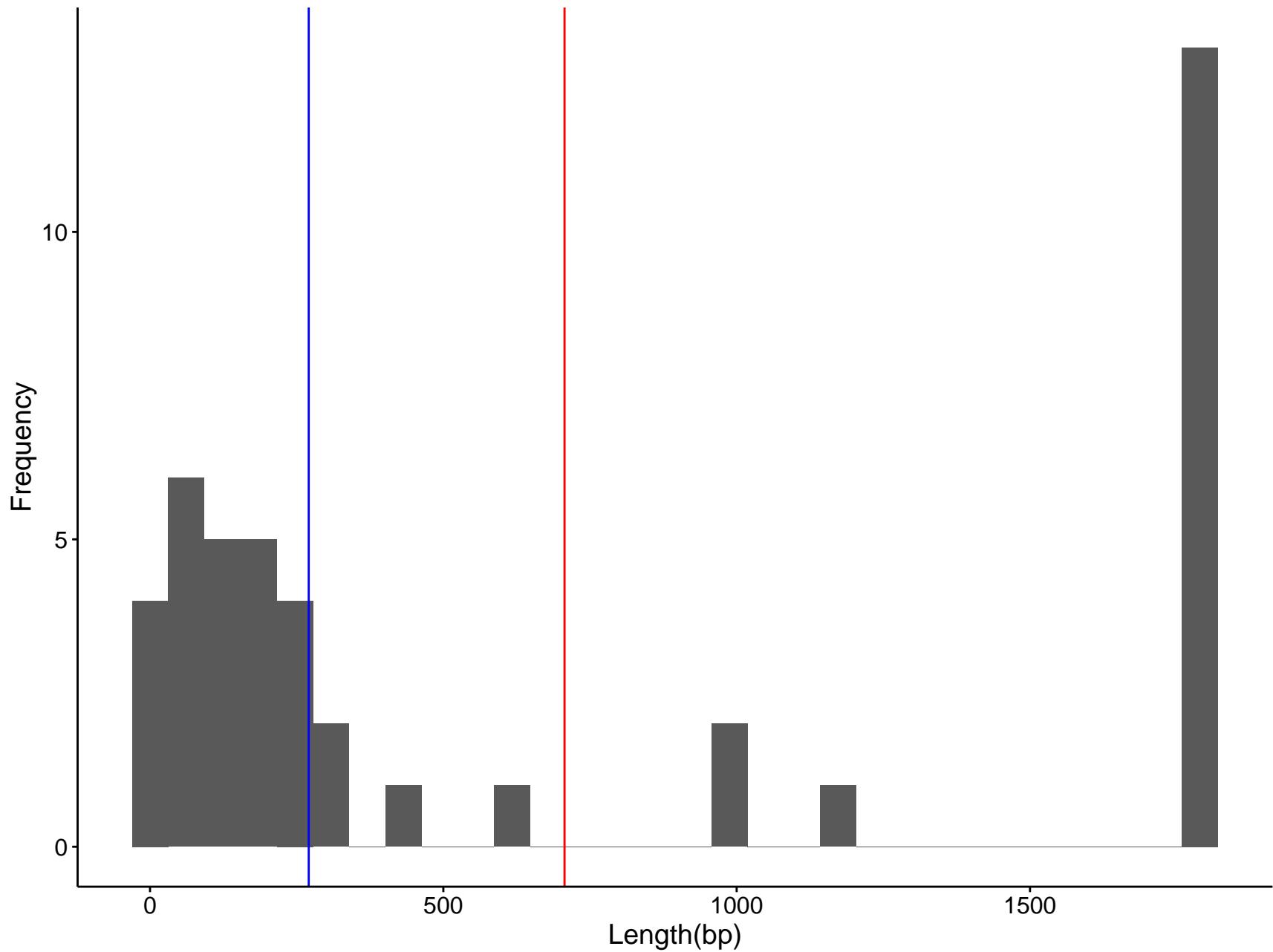
Cluster546



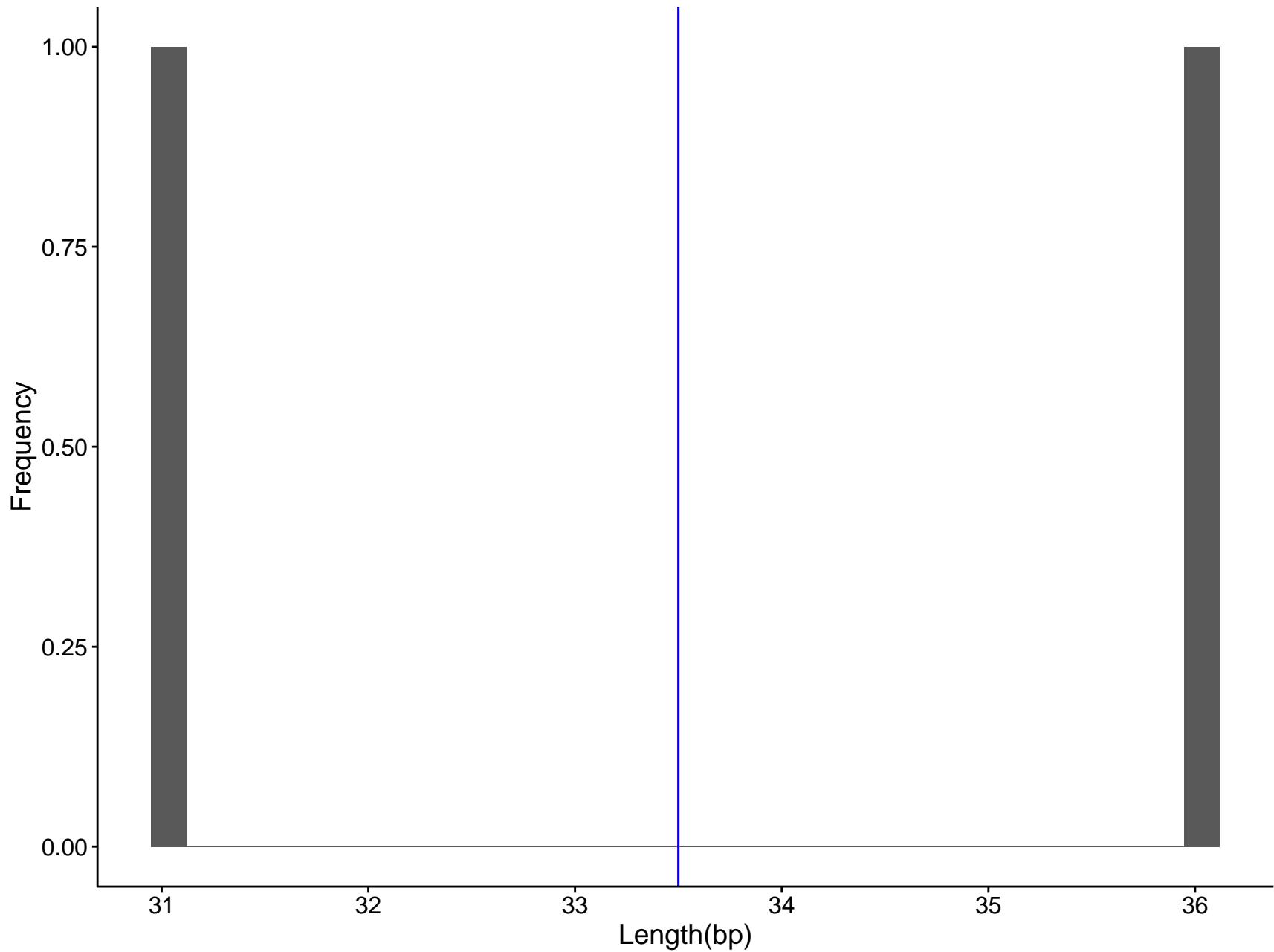
Cluster548



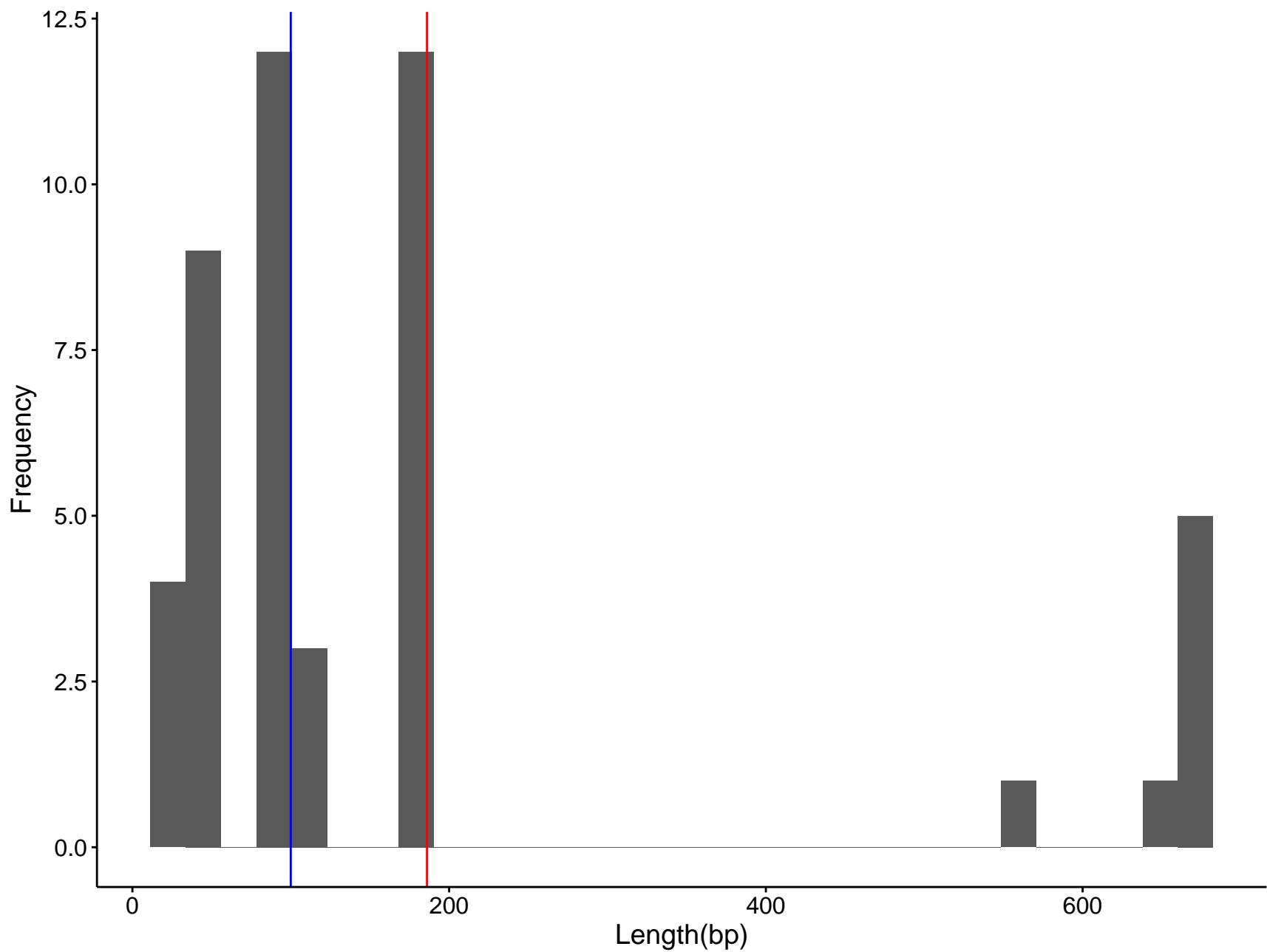
Cluster549



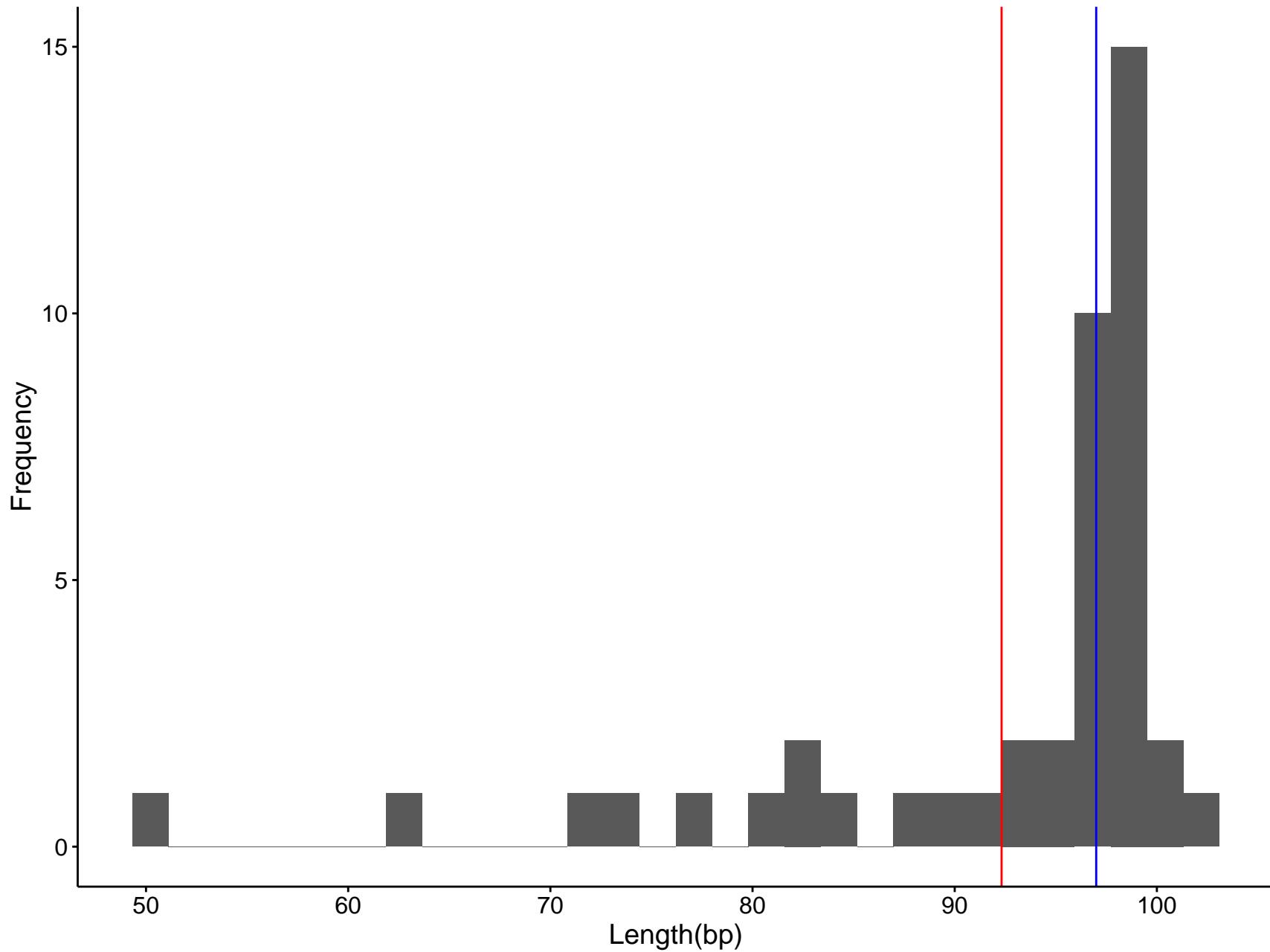
Cluster54



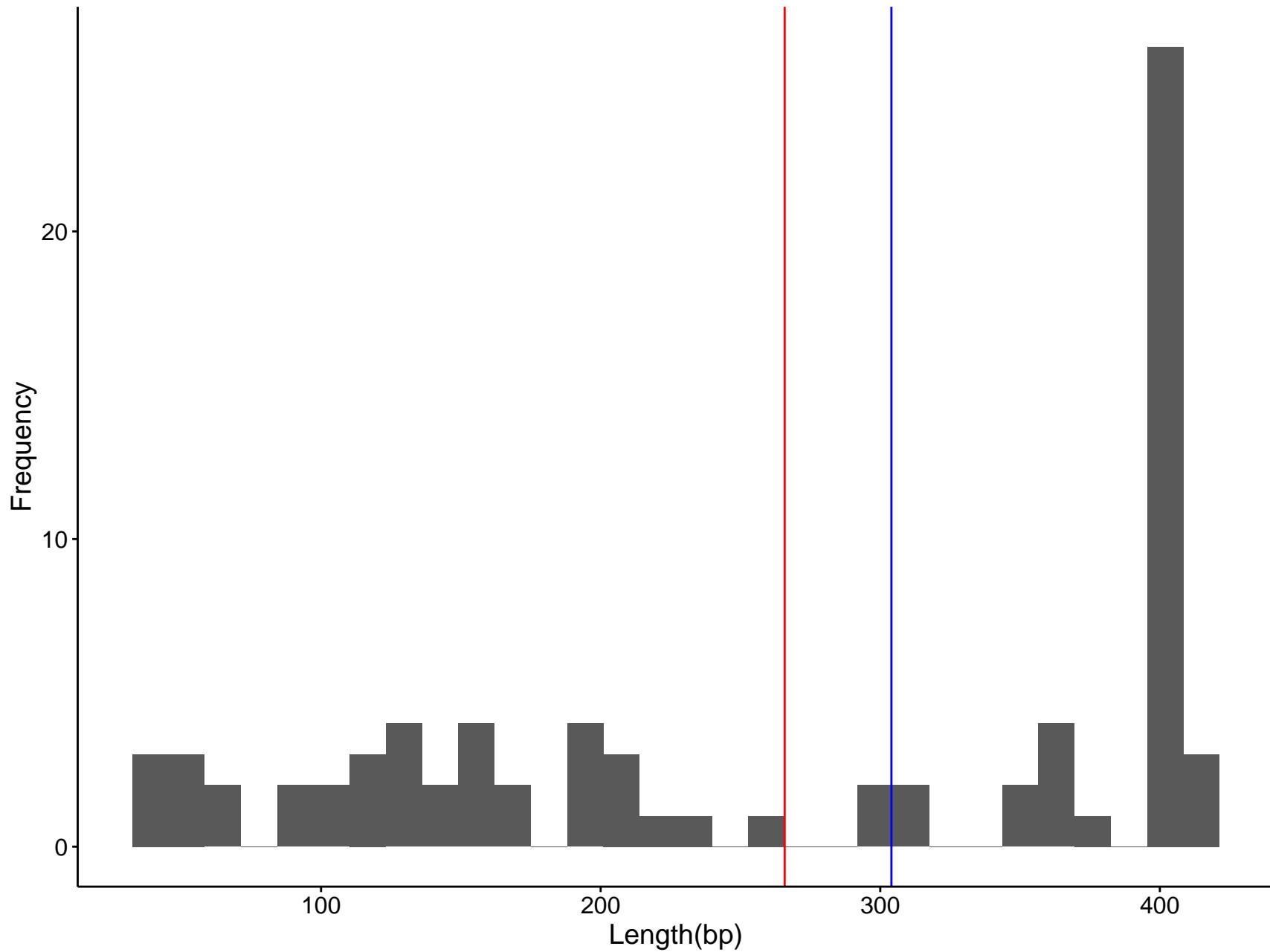
Cluster550



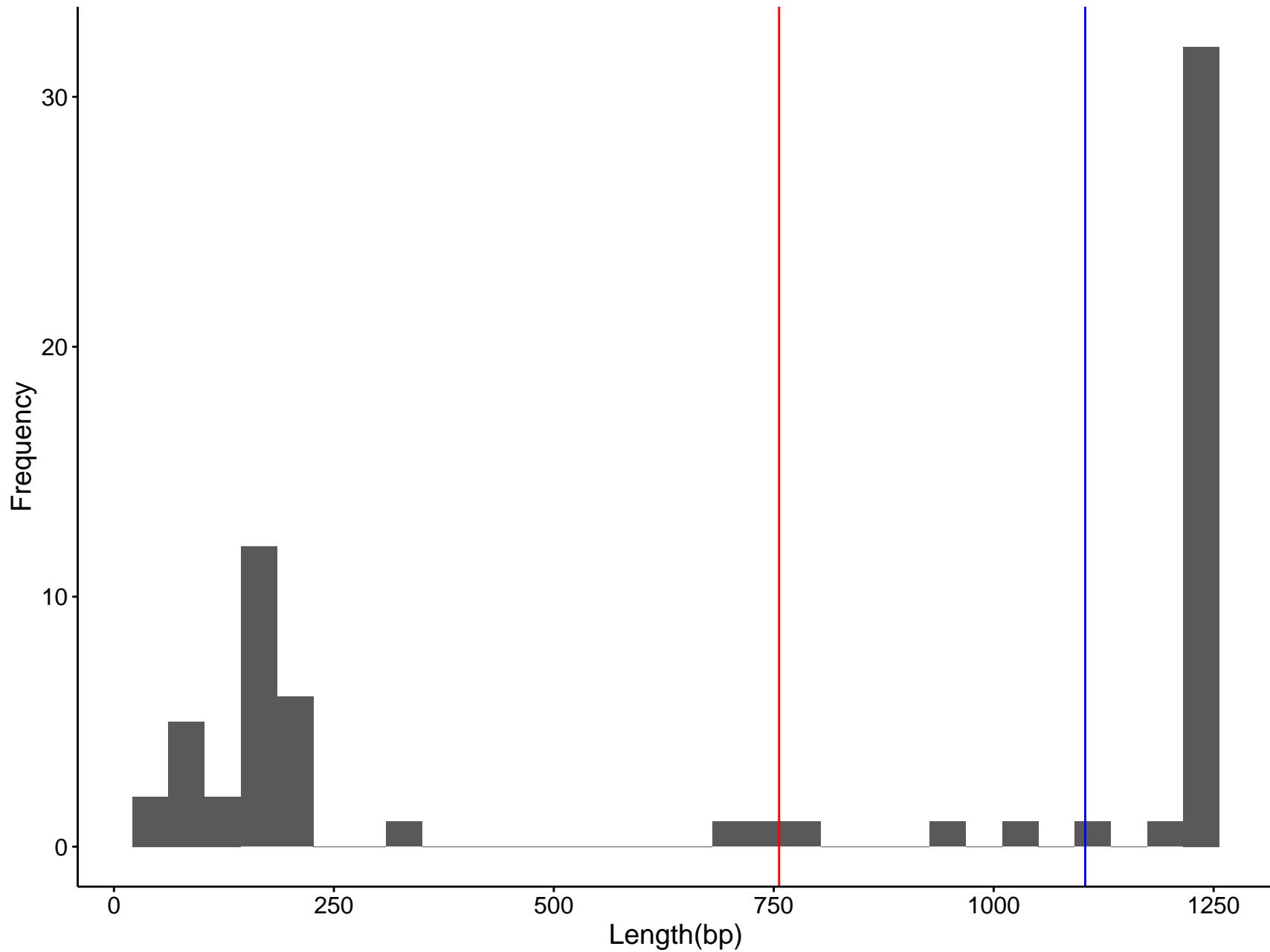
Cluster552

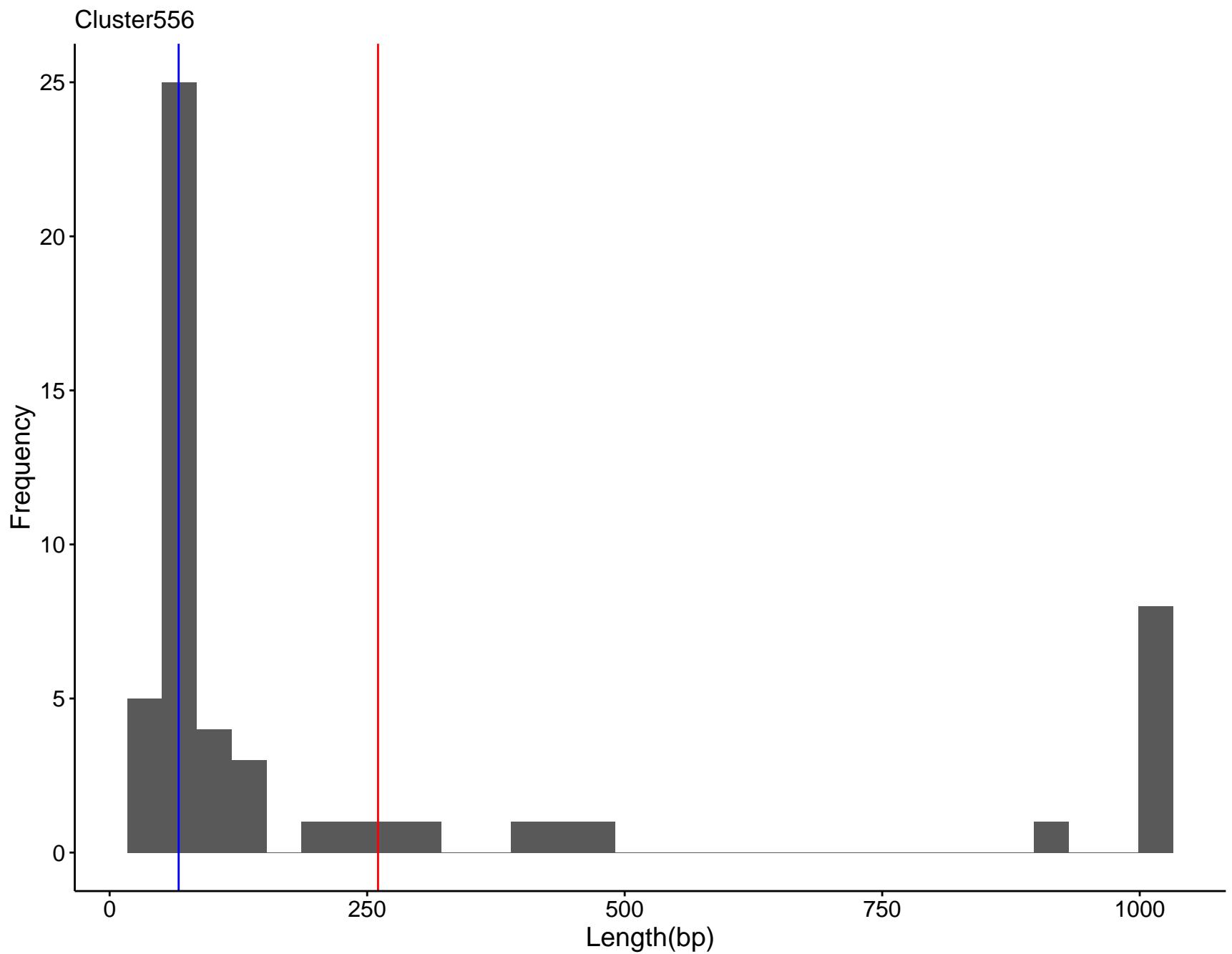


Cluster554

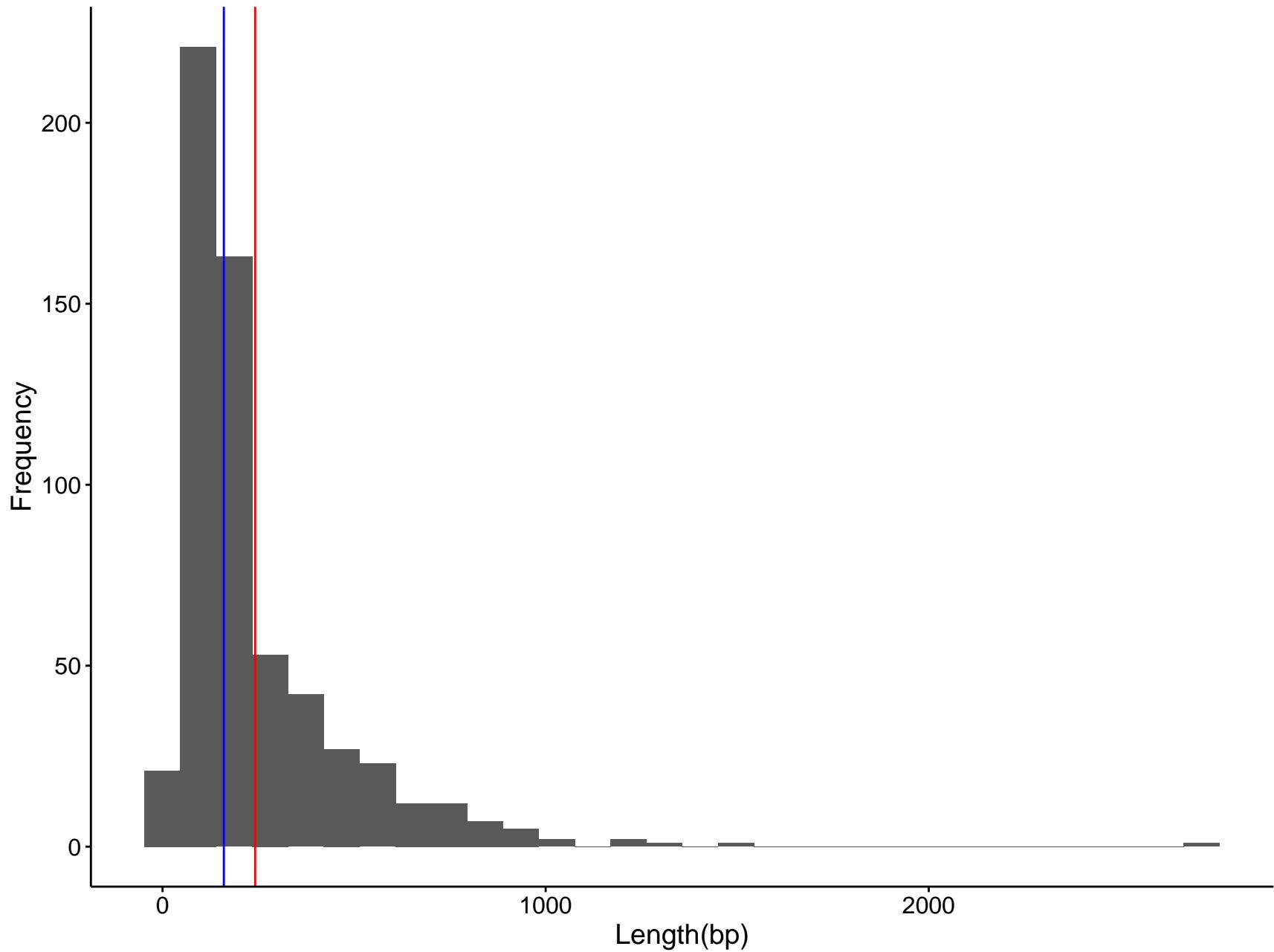


Cluster555

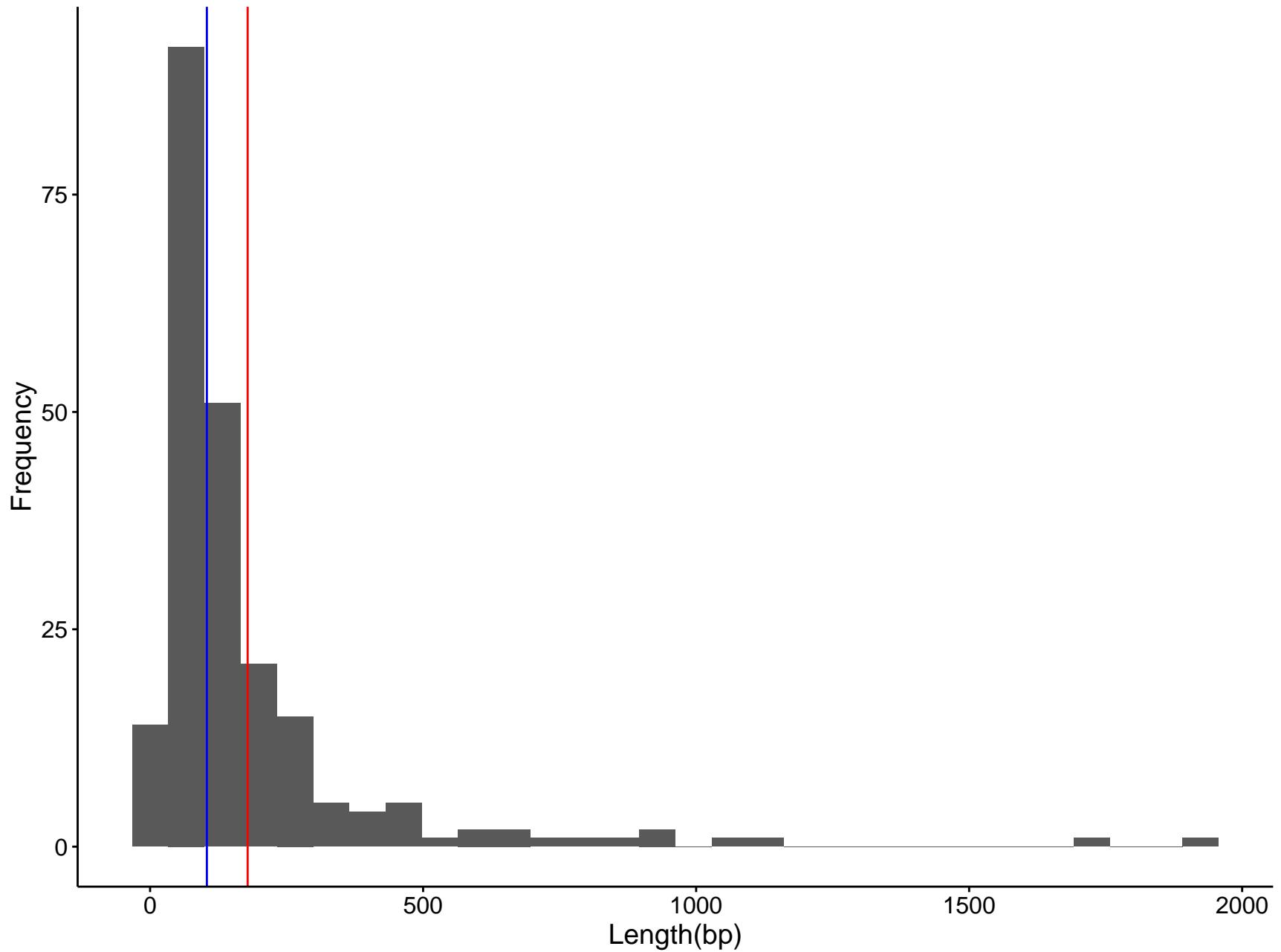




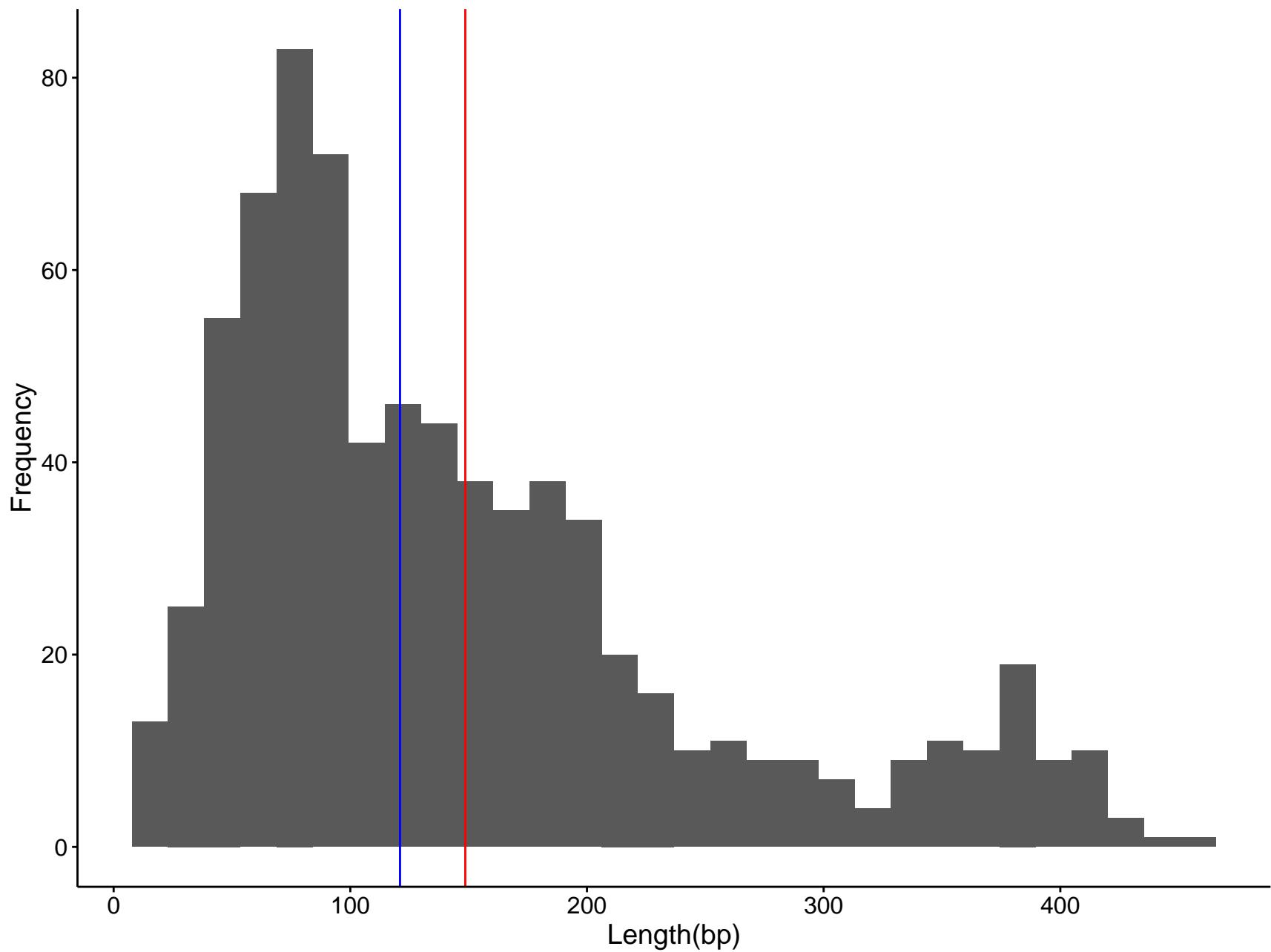
Cluster561



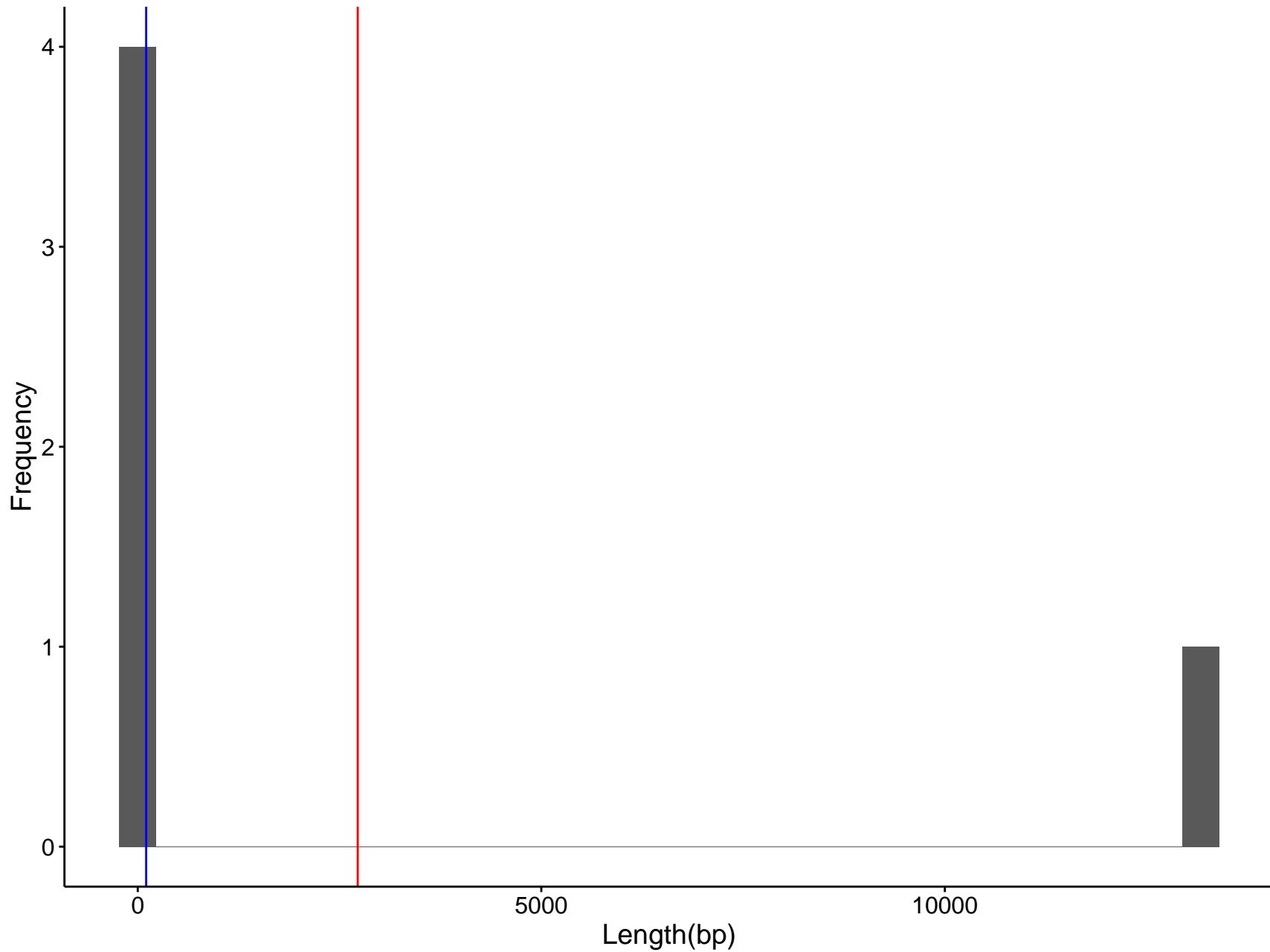
Cluster562



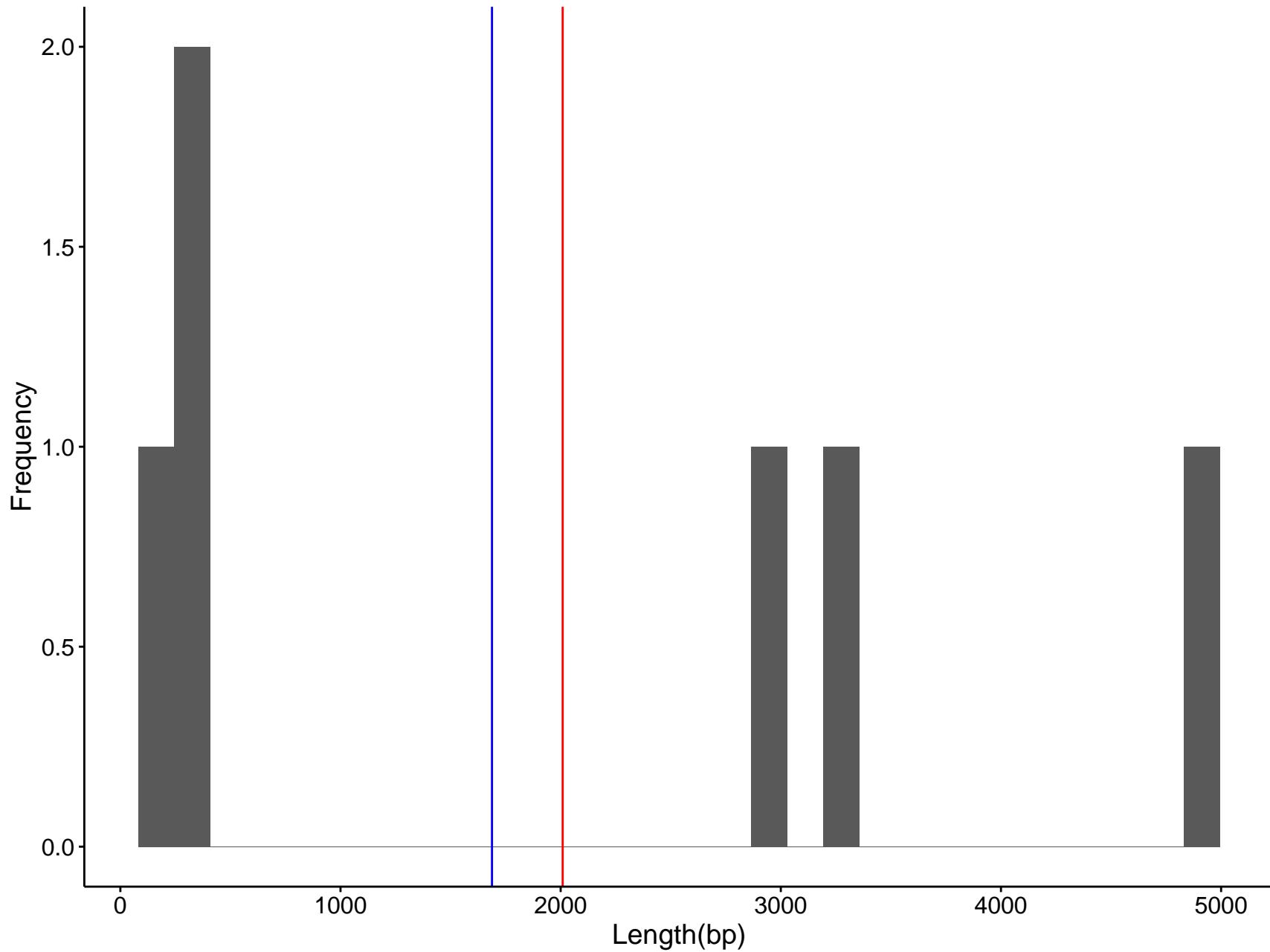
Cluster564



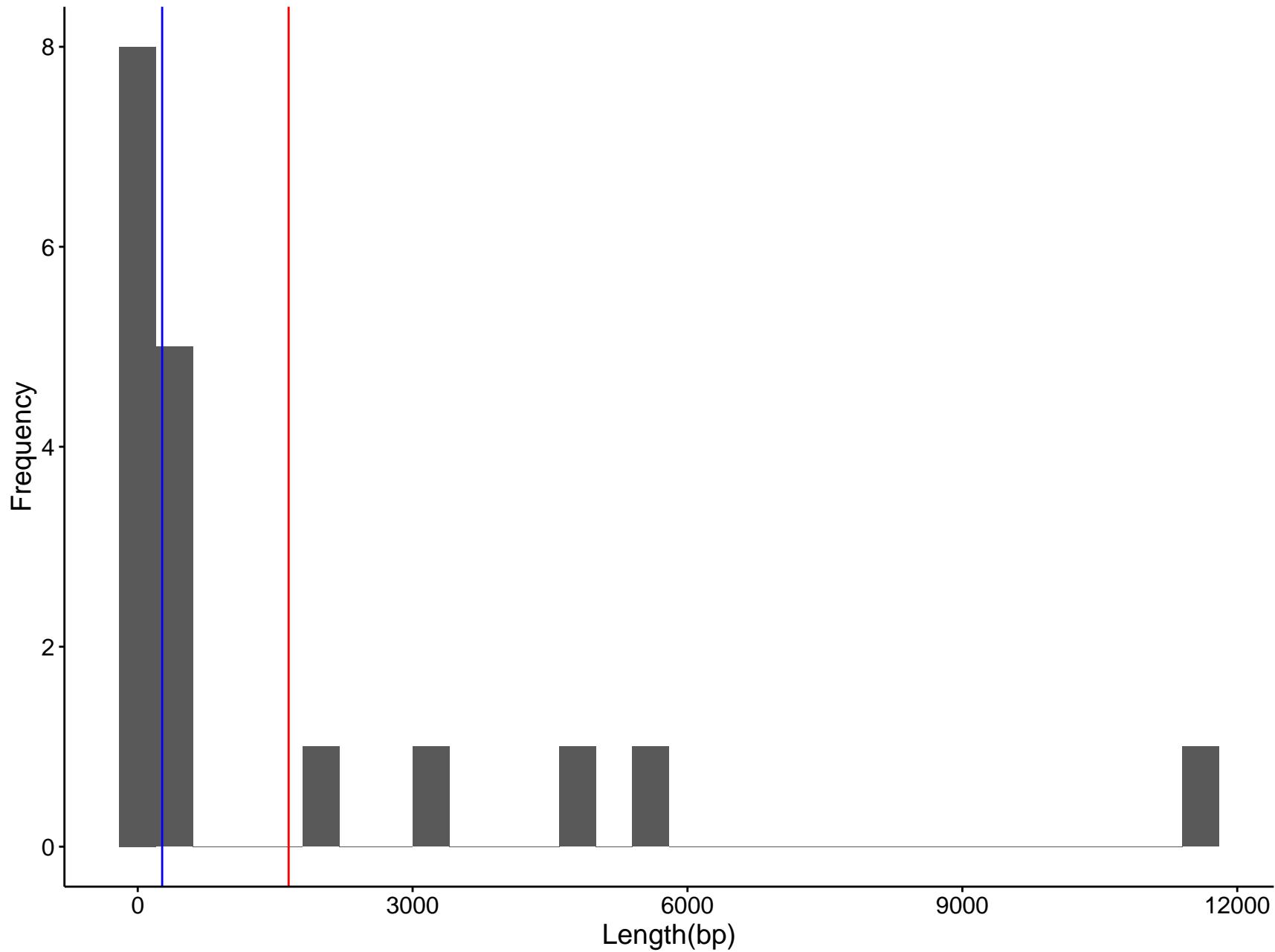
Cluster565



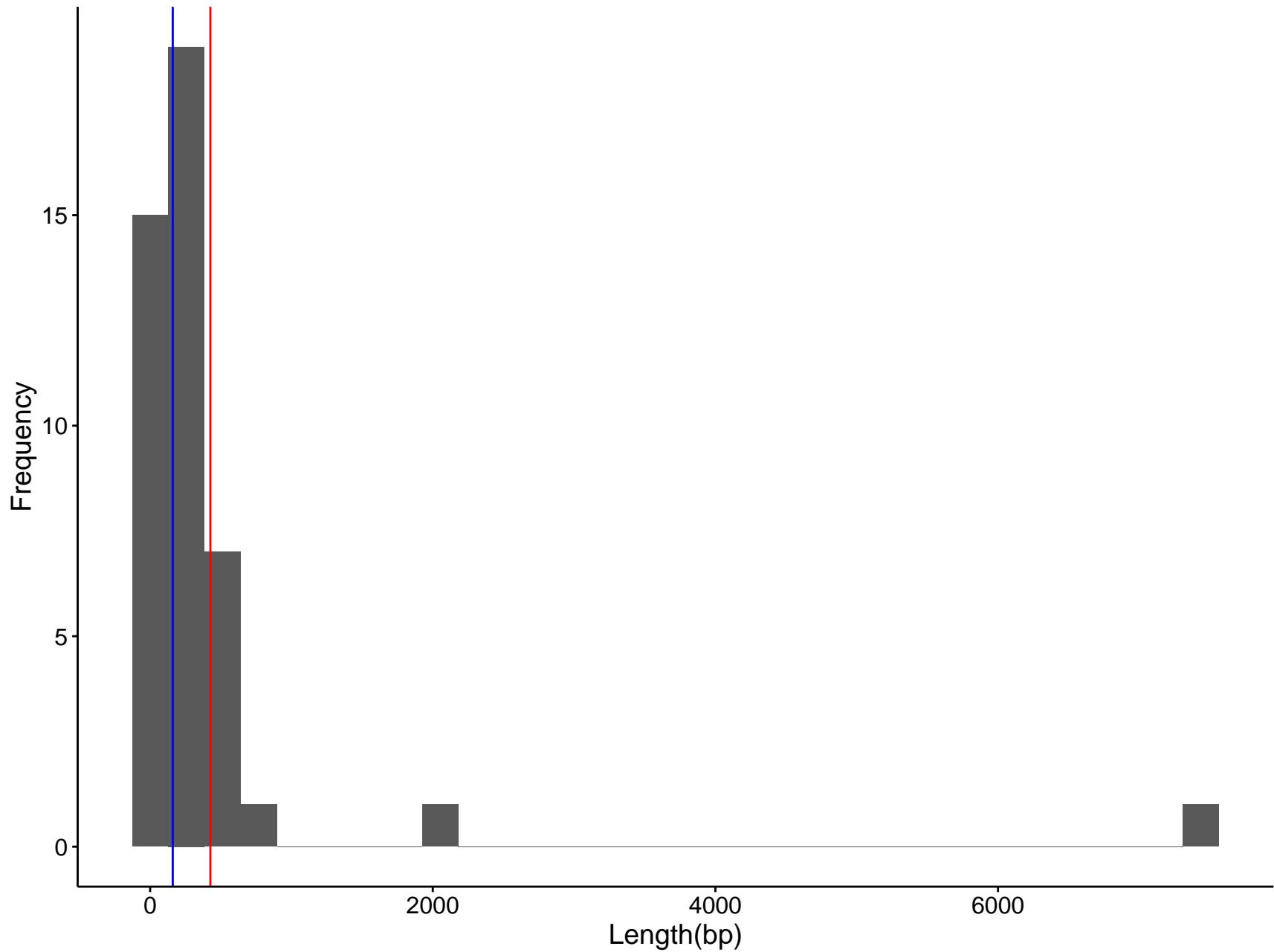
Cluster566



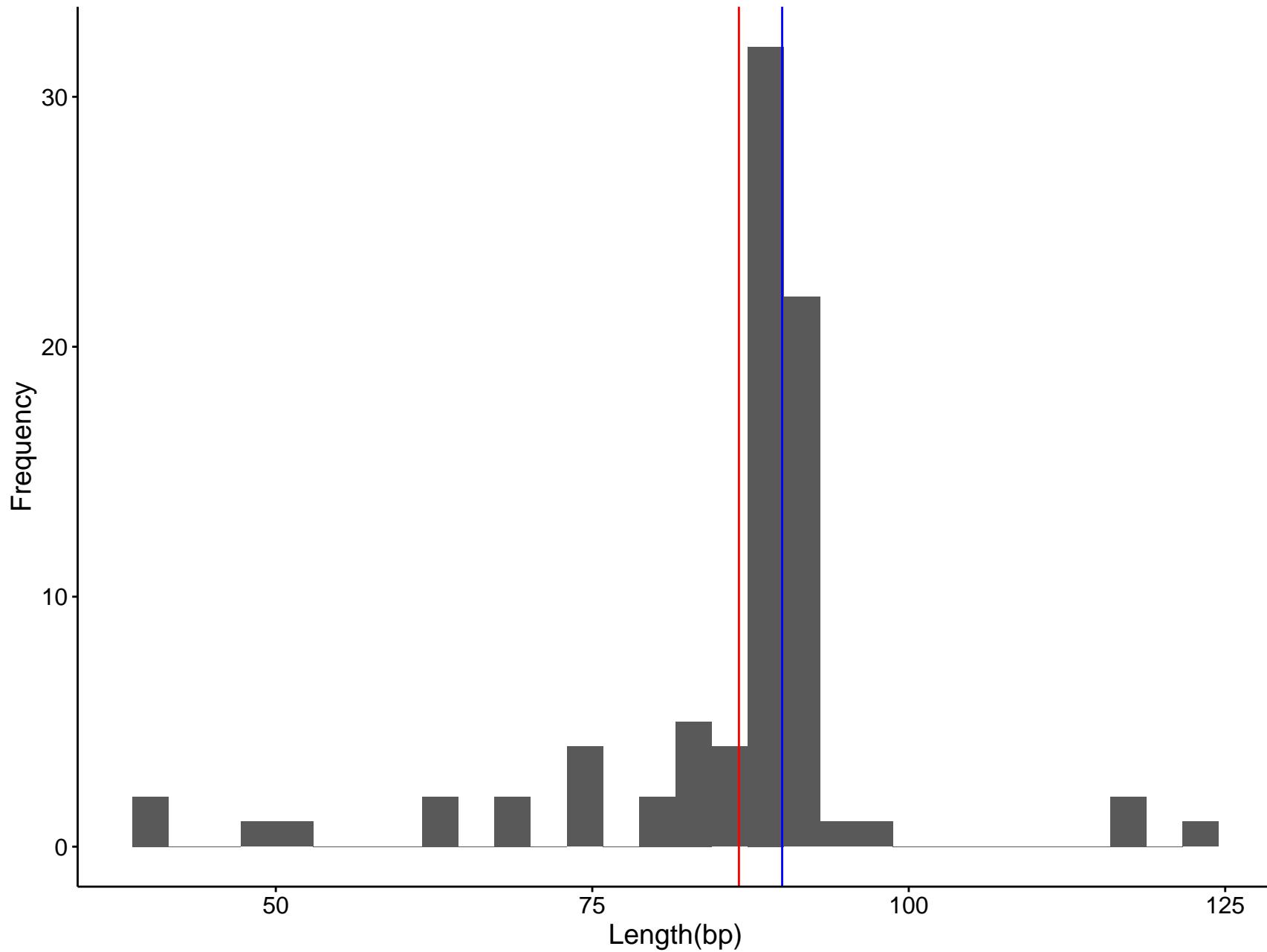
Cluster567



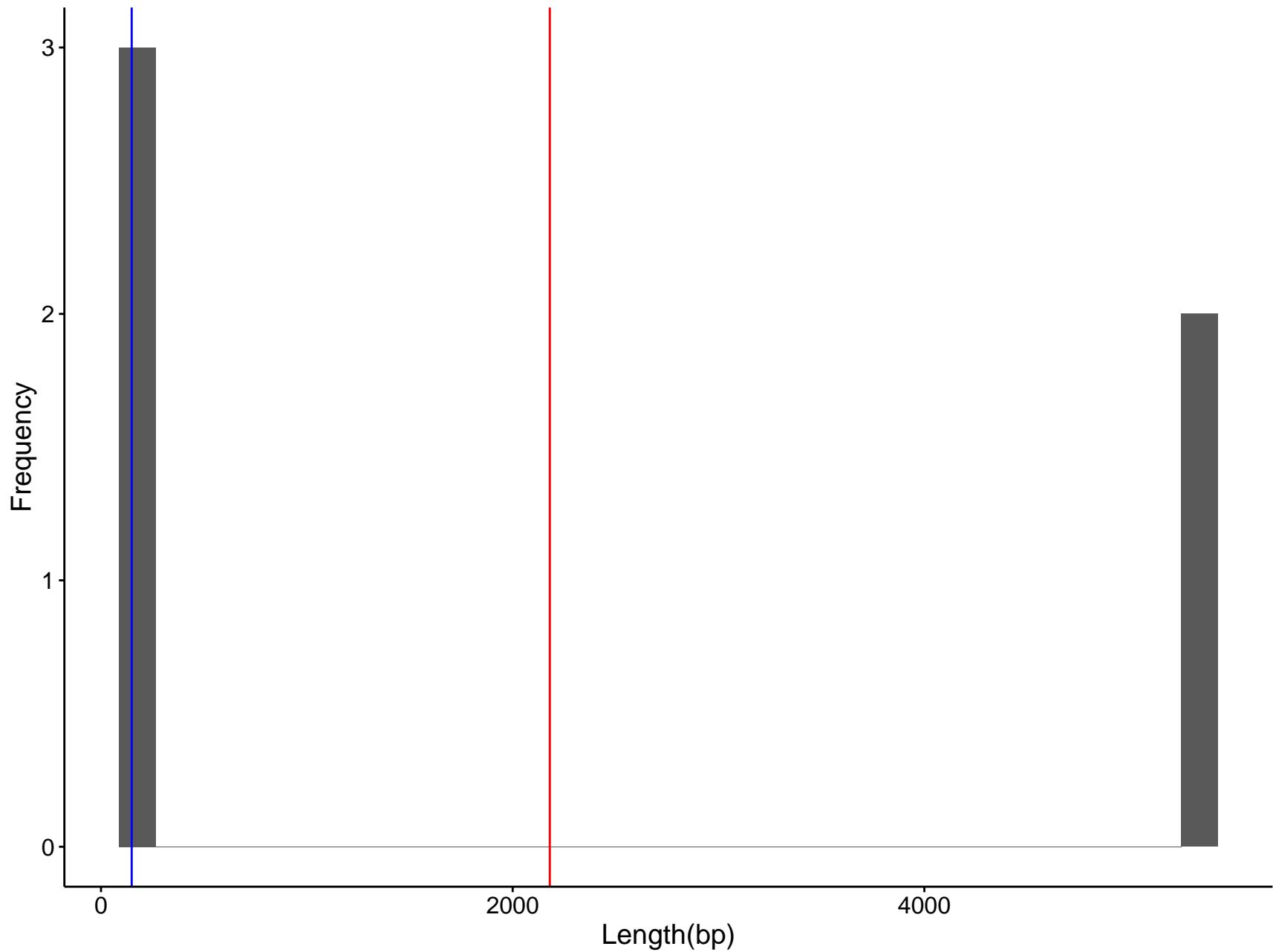
Cluster568



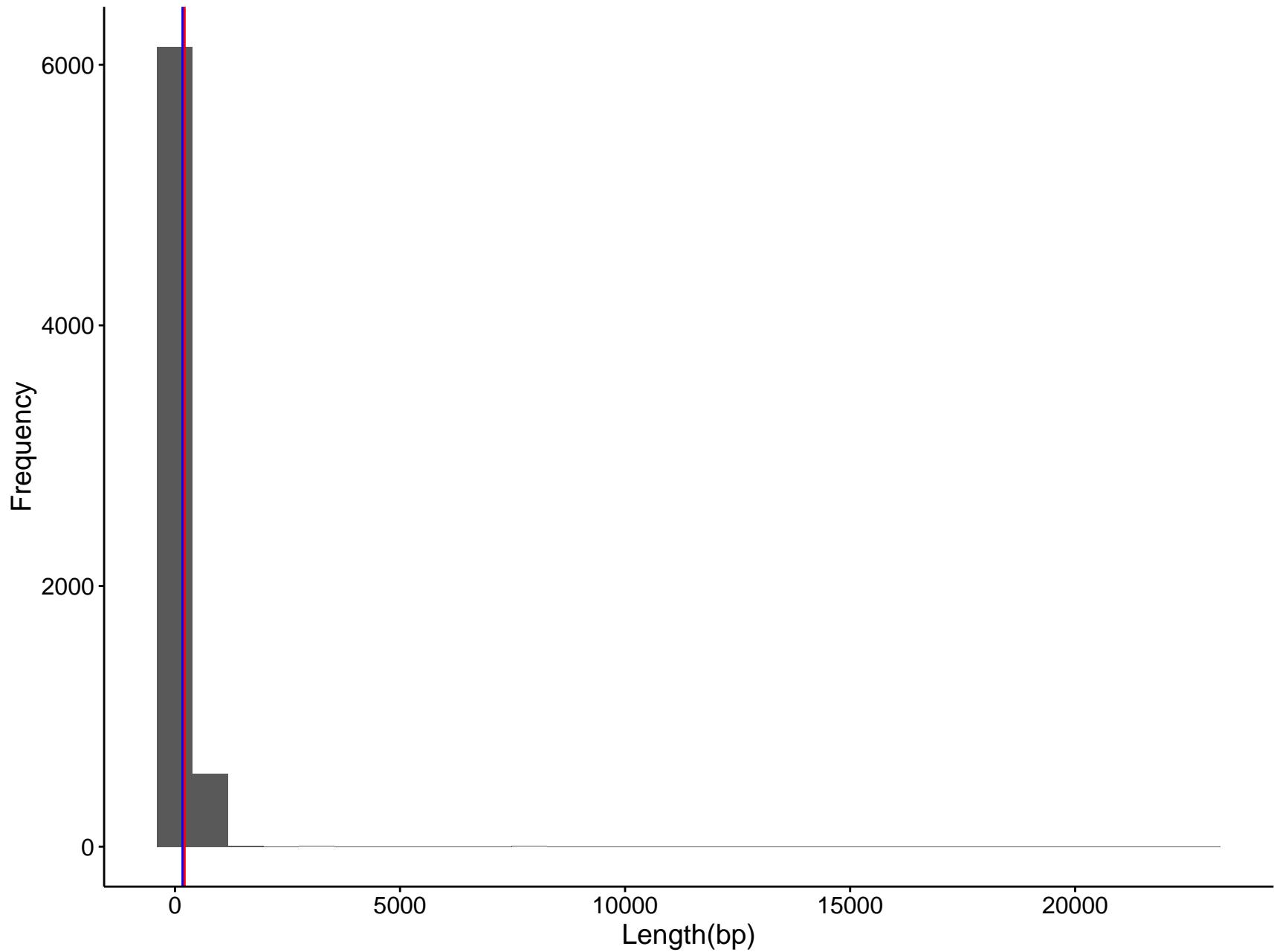
Cluster56



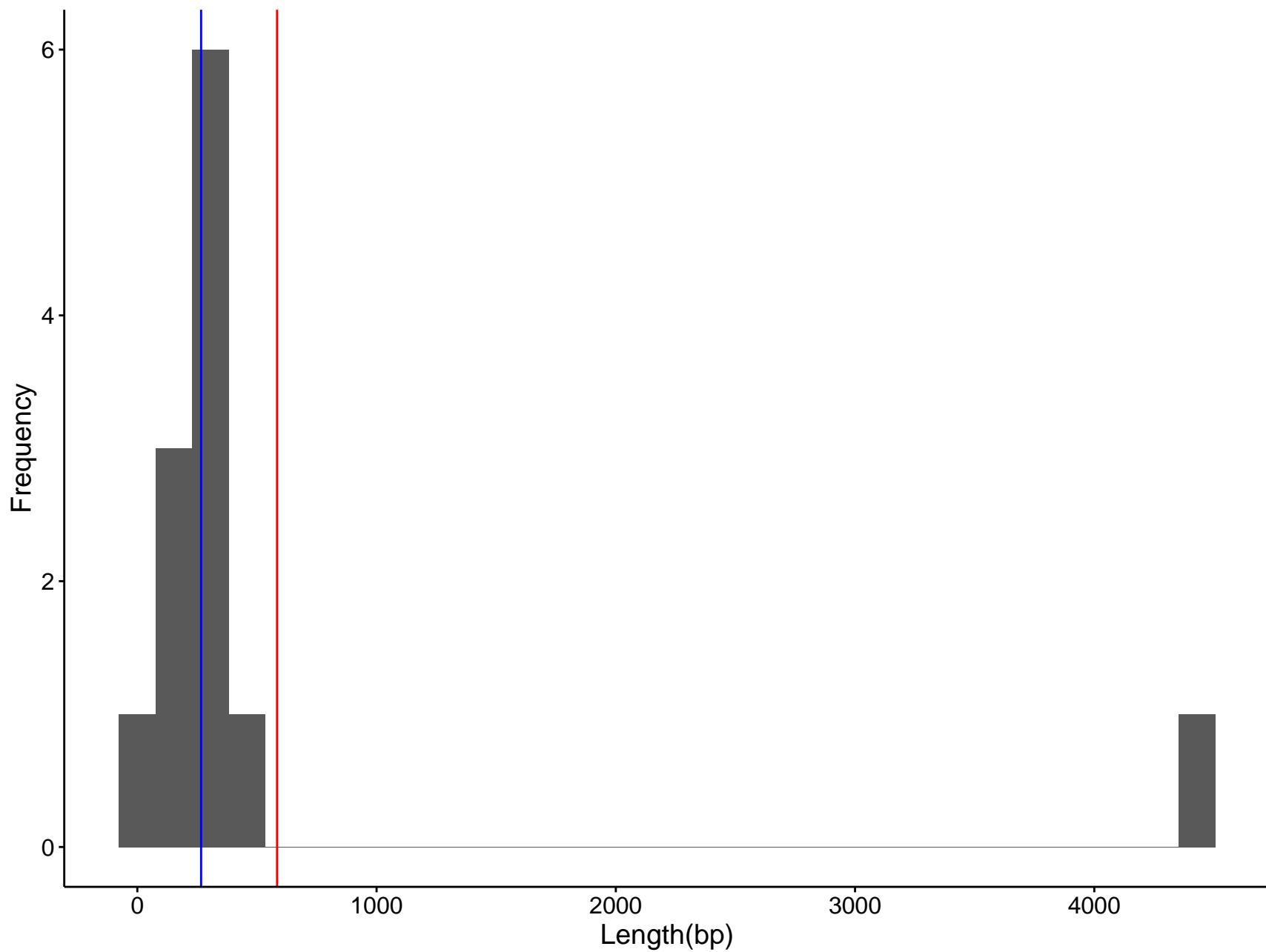
Cluster570



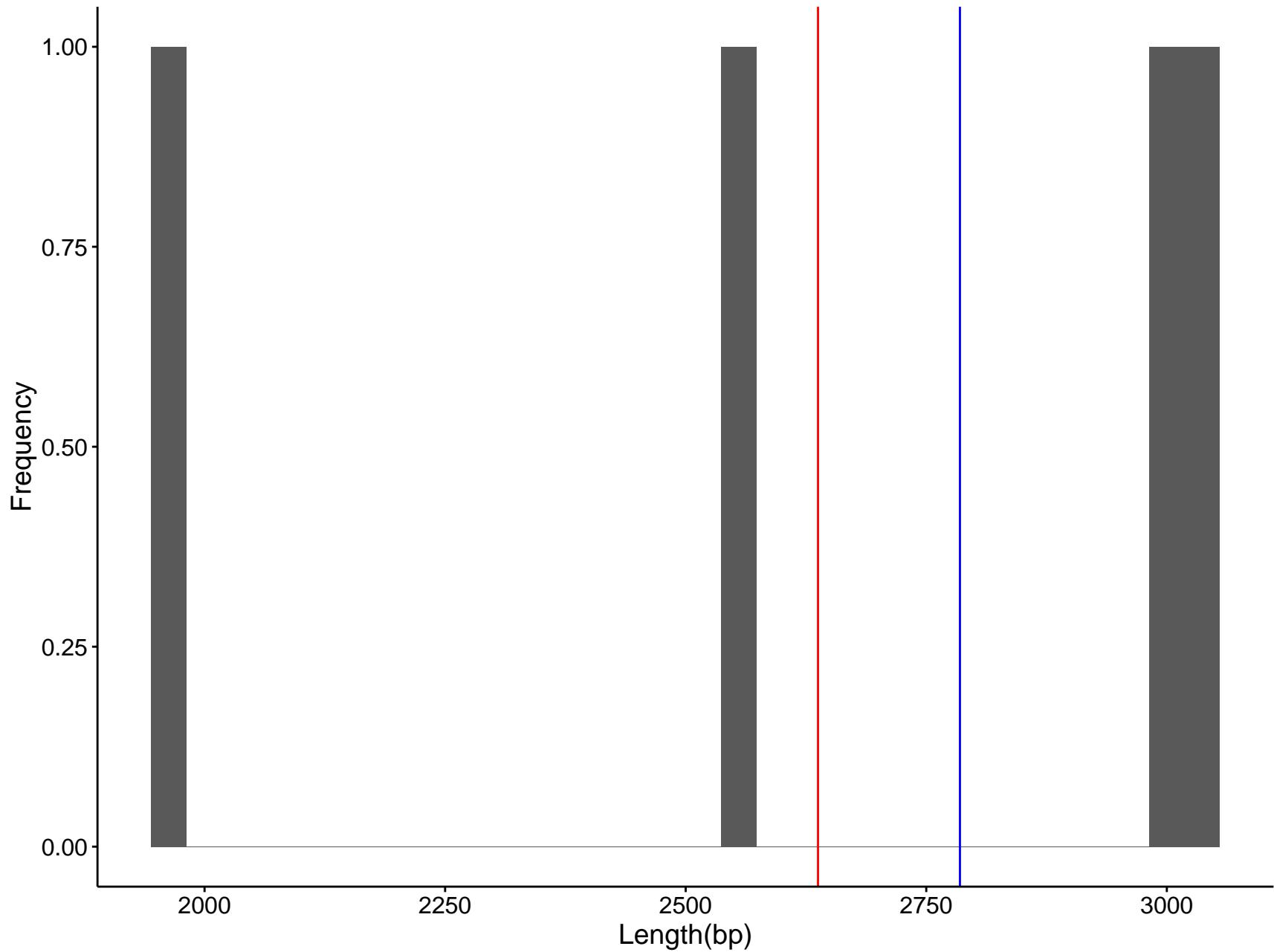
Cluster571



Cluster572



Cluster575



Cluster576

Frequency

384.950

384.975

385.000

385.025

Length(bp)



Cluster577

Frequency

384.950

384.975

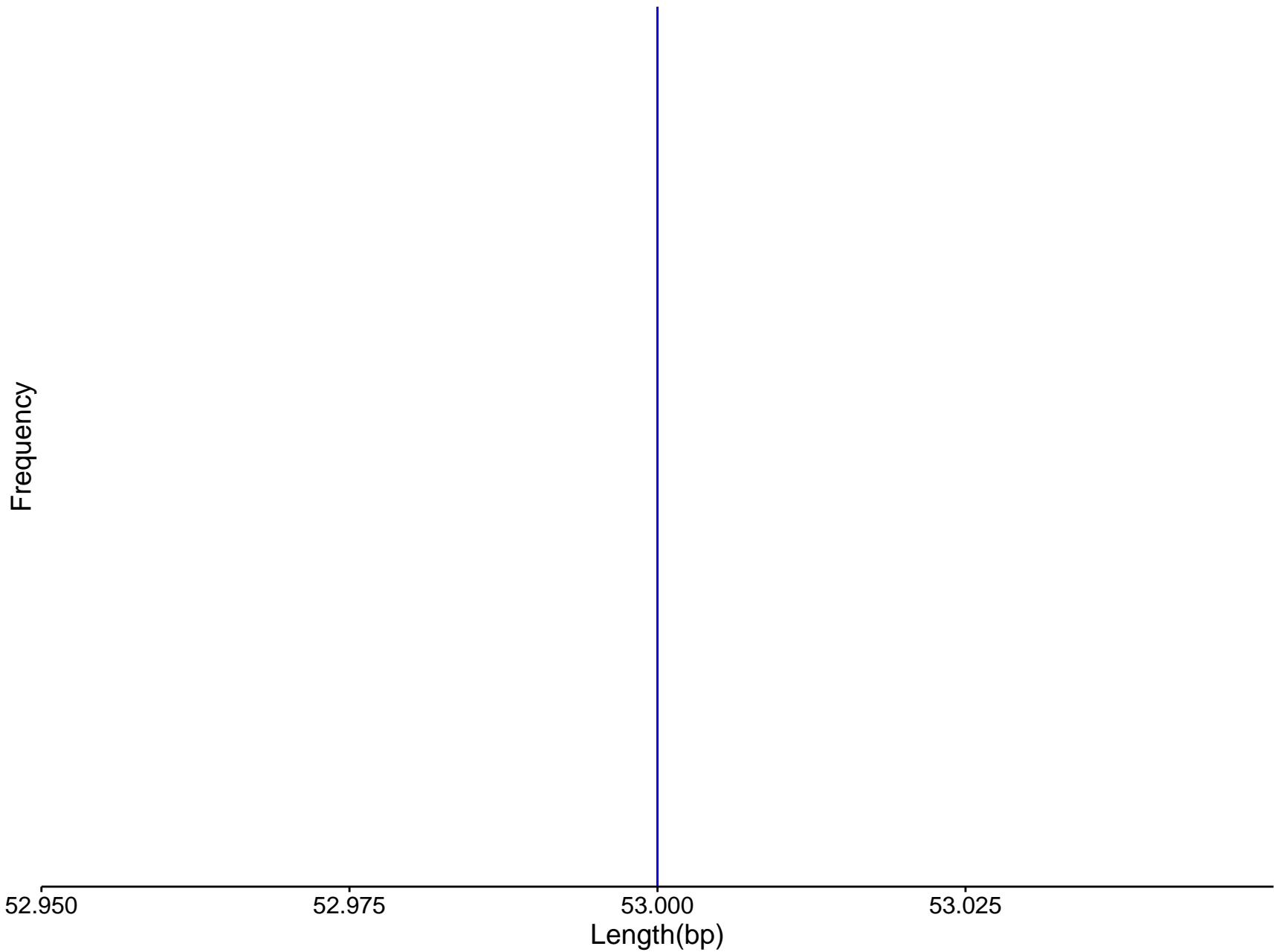
385.000

385.025

Length(bp)



Cluster578



Cluster579

Frequency

455.950

455.975

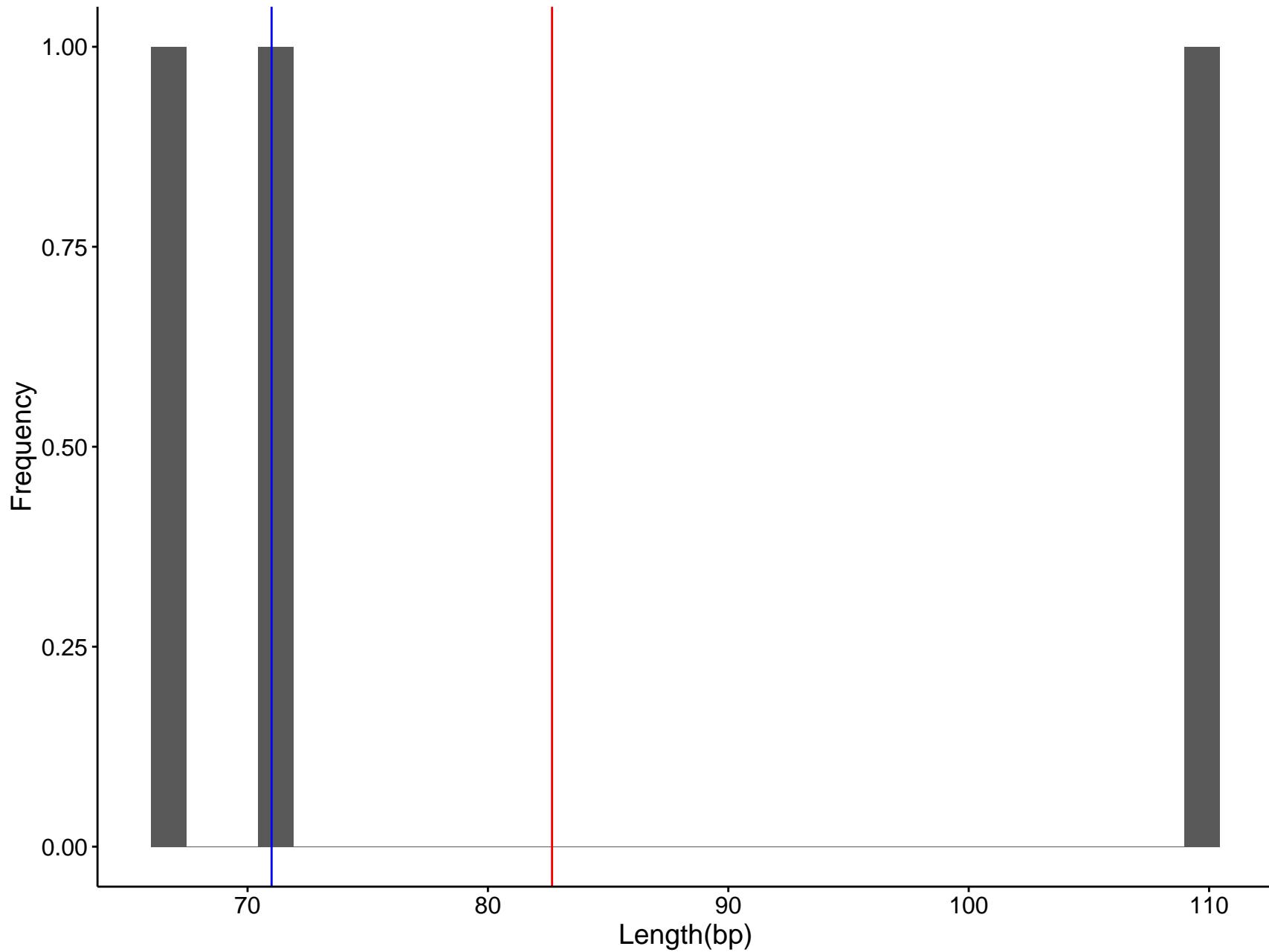
456.000

456.025

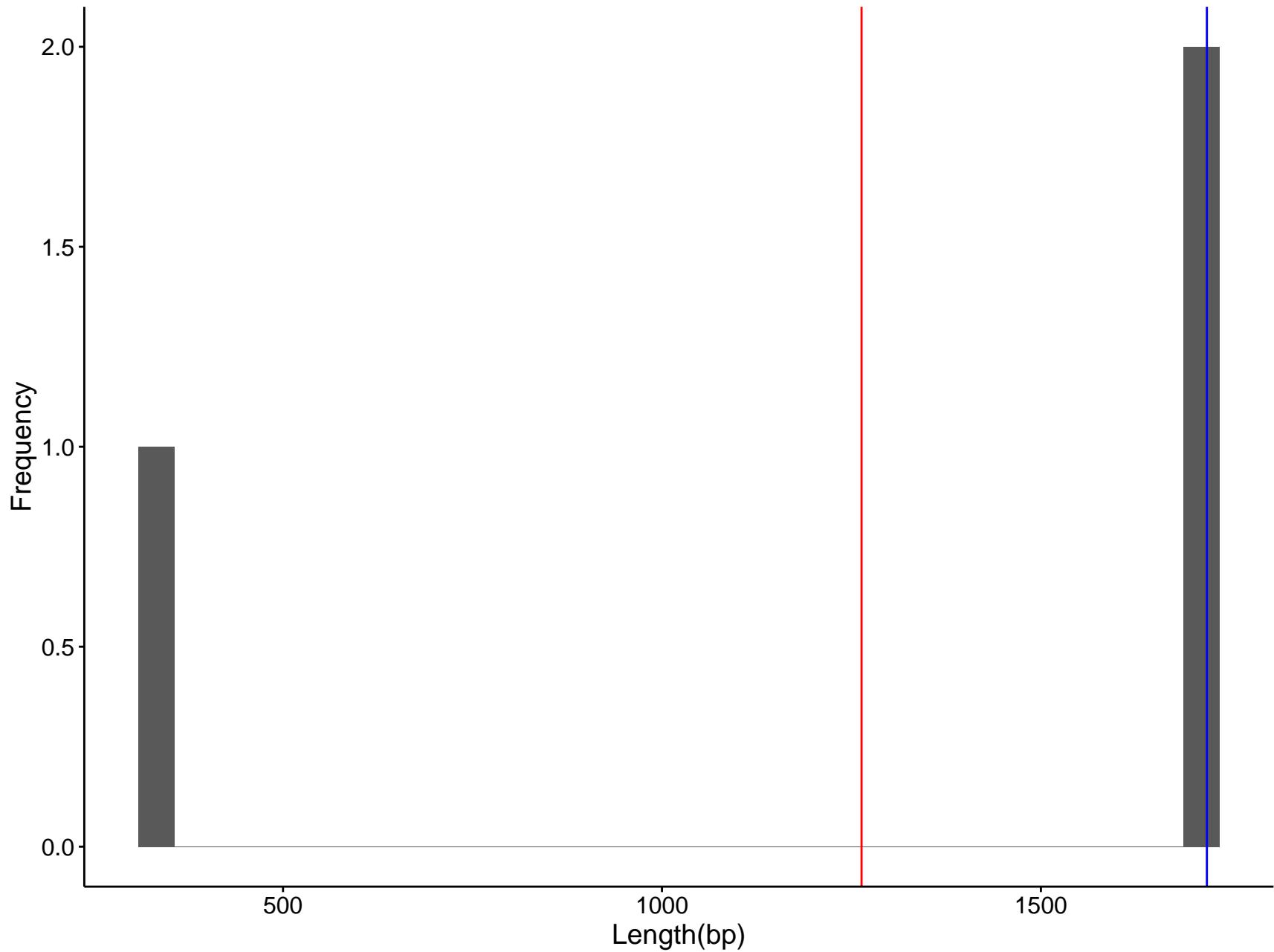
Length(bp)



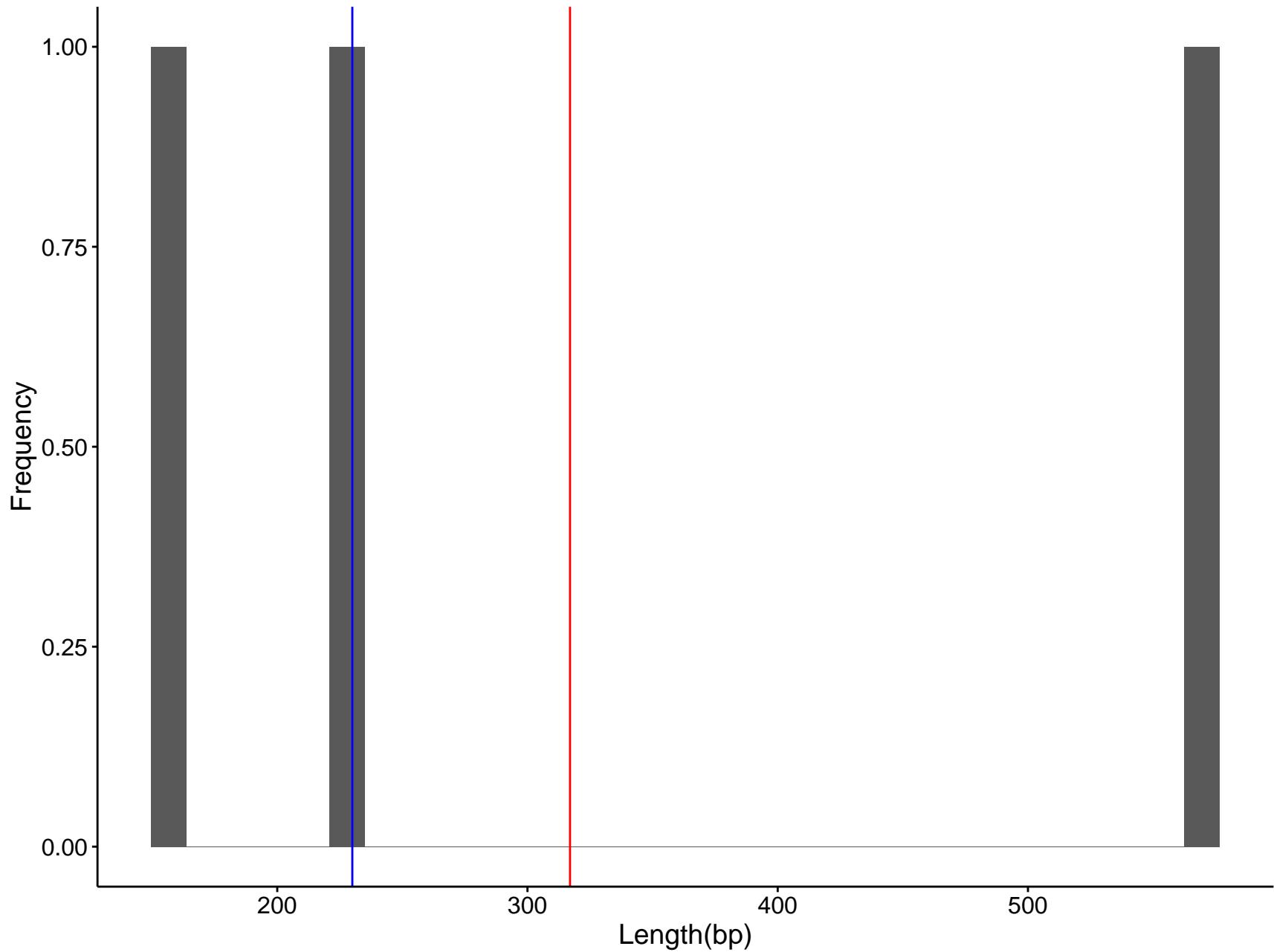
Cluster580



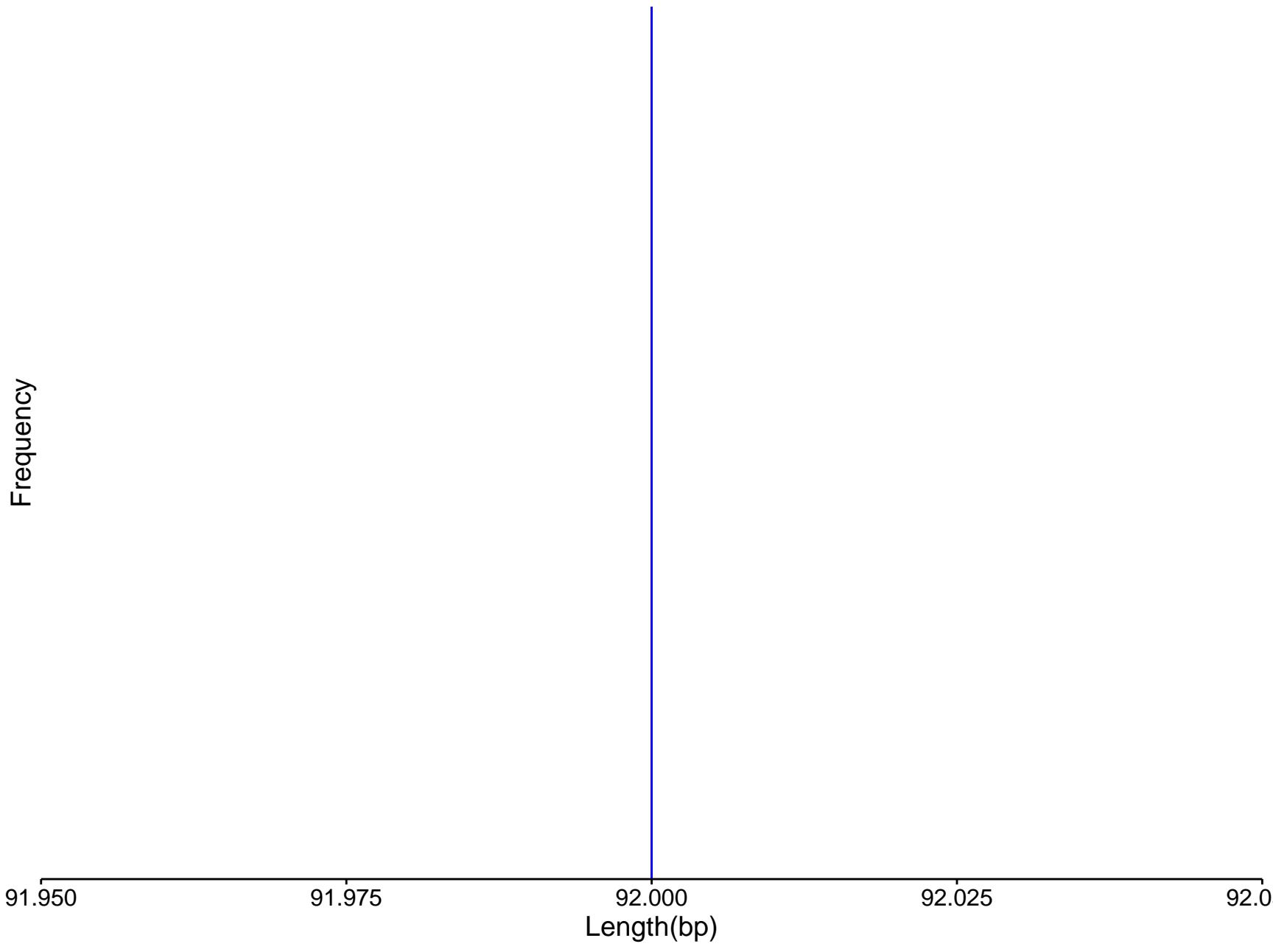
Cluster582



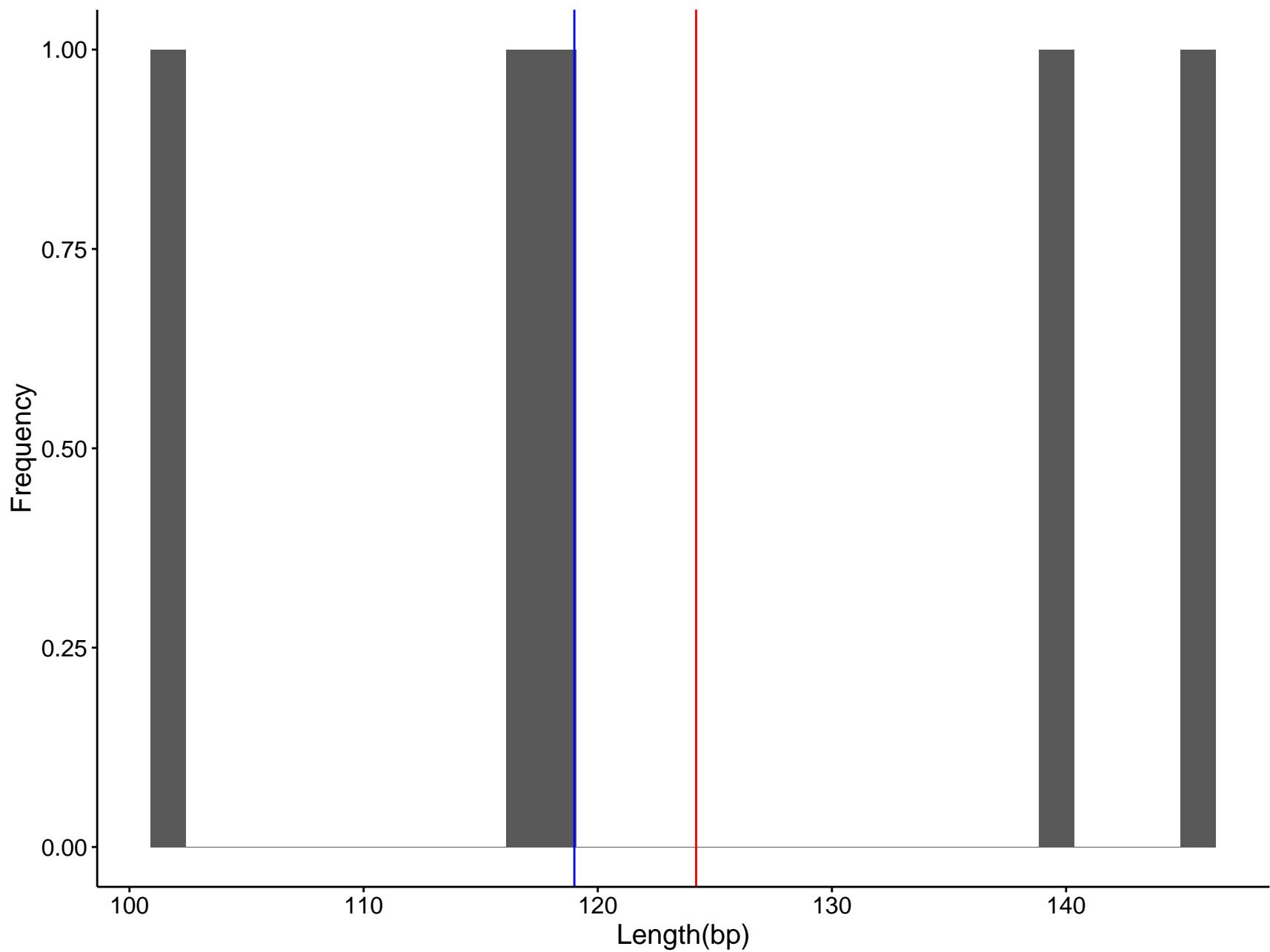
Cluster585



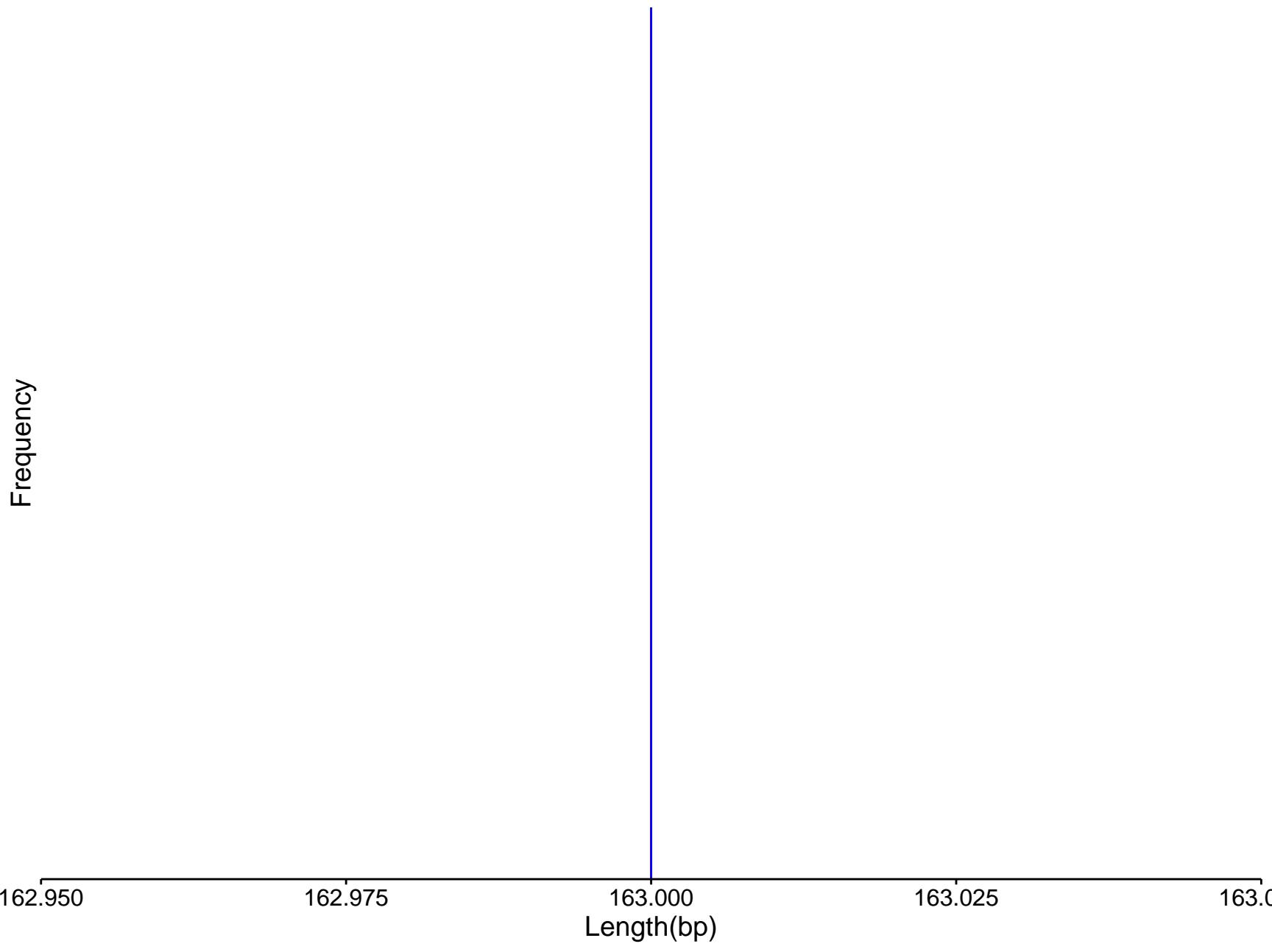
Cluster586



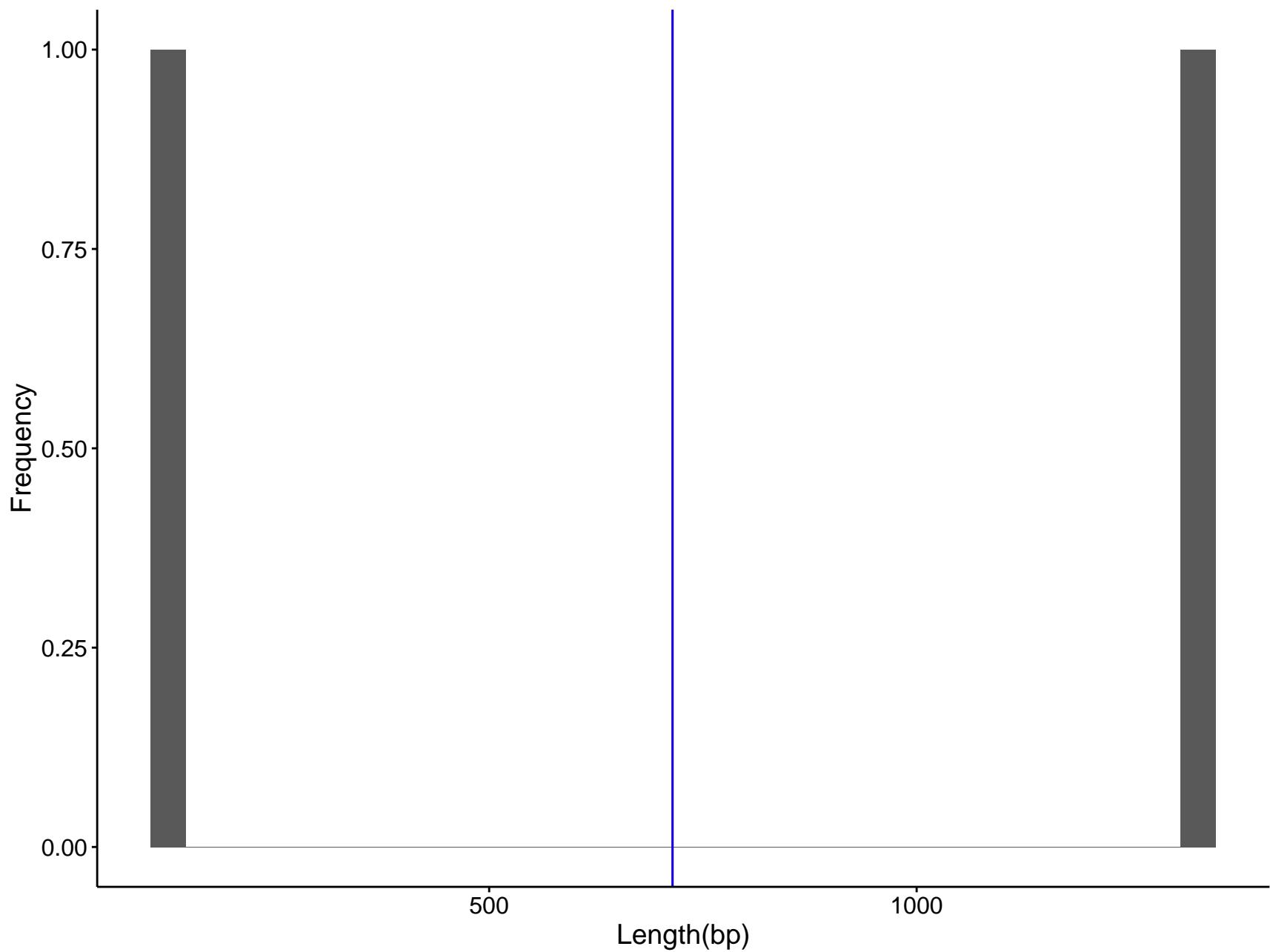
Cluster594



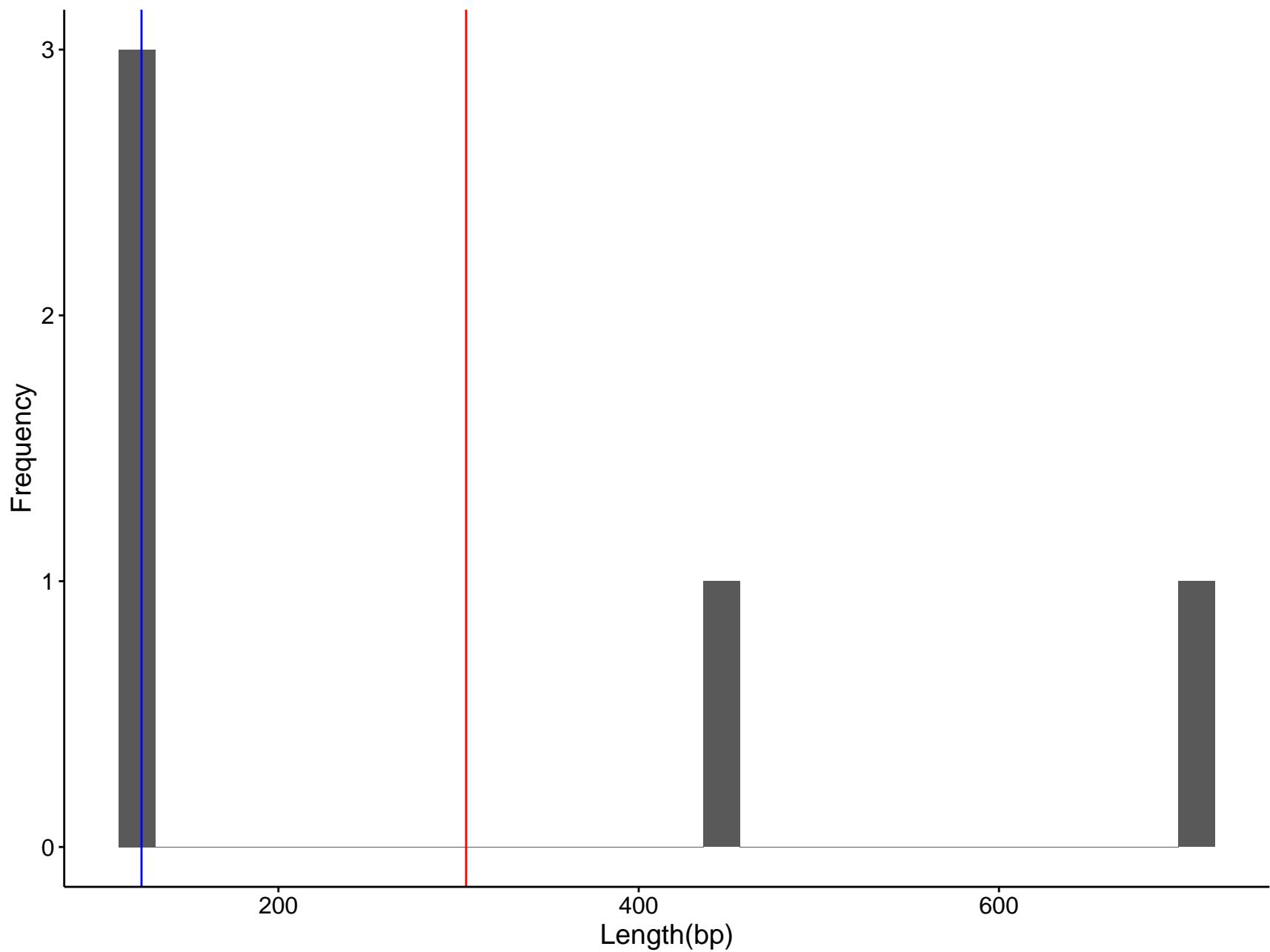
Cluster595



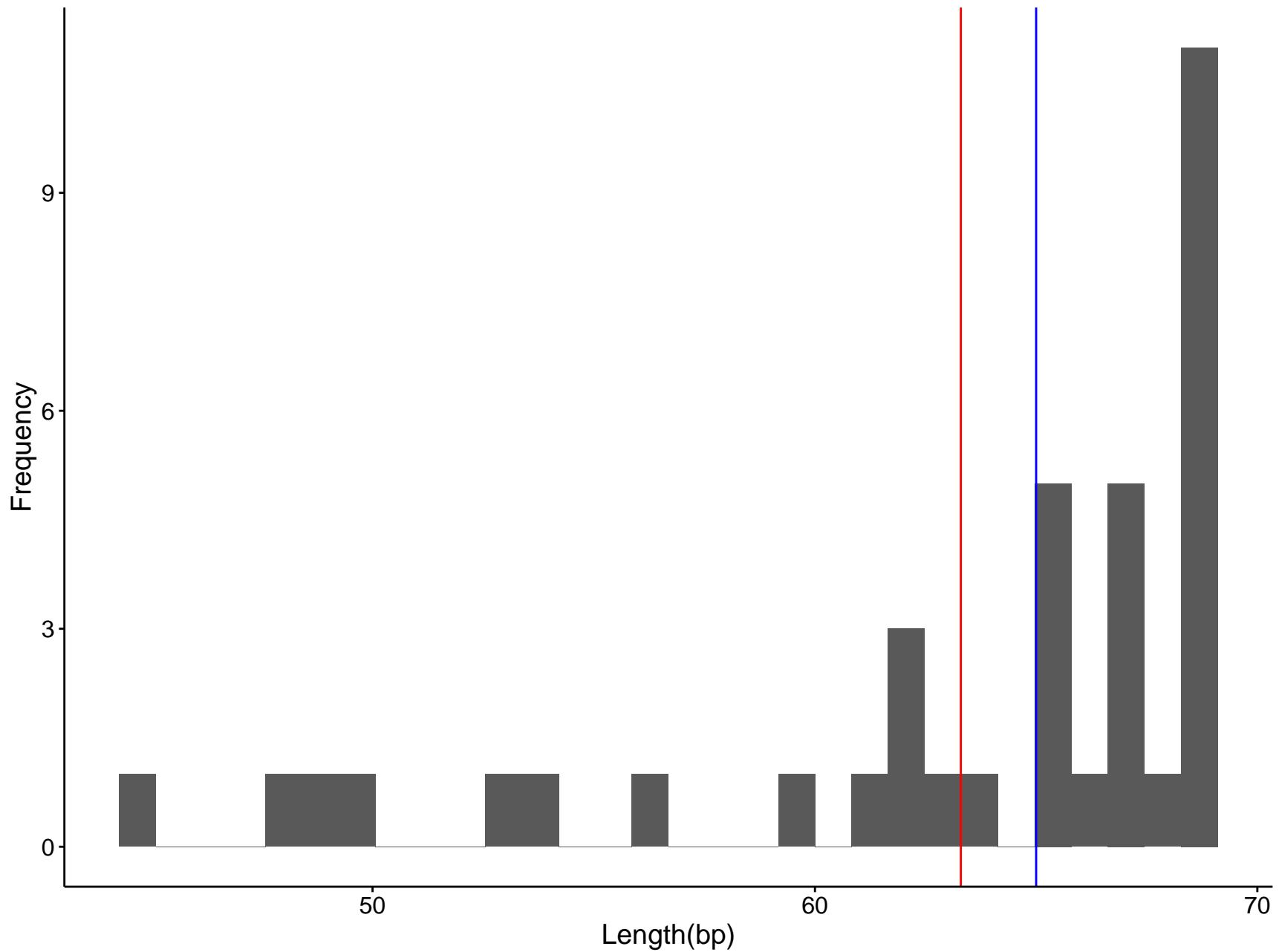
Cluster597



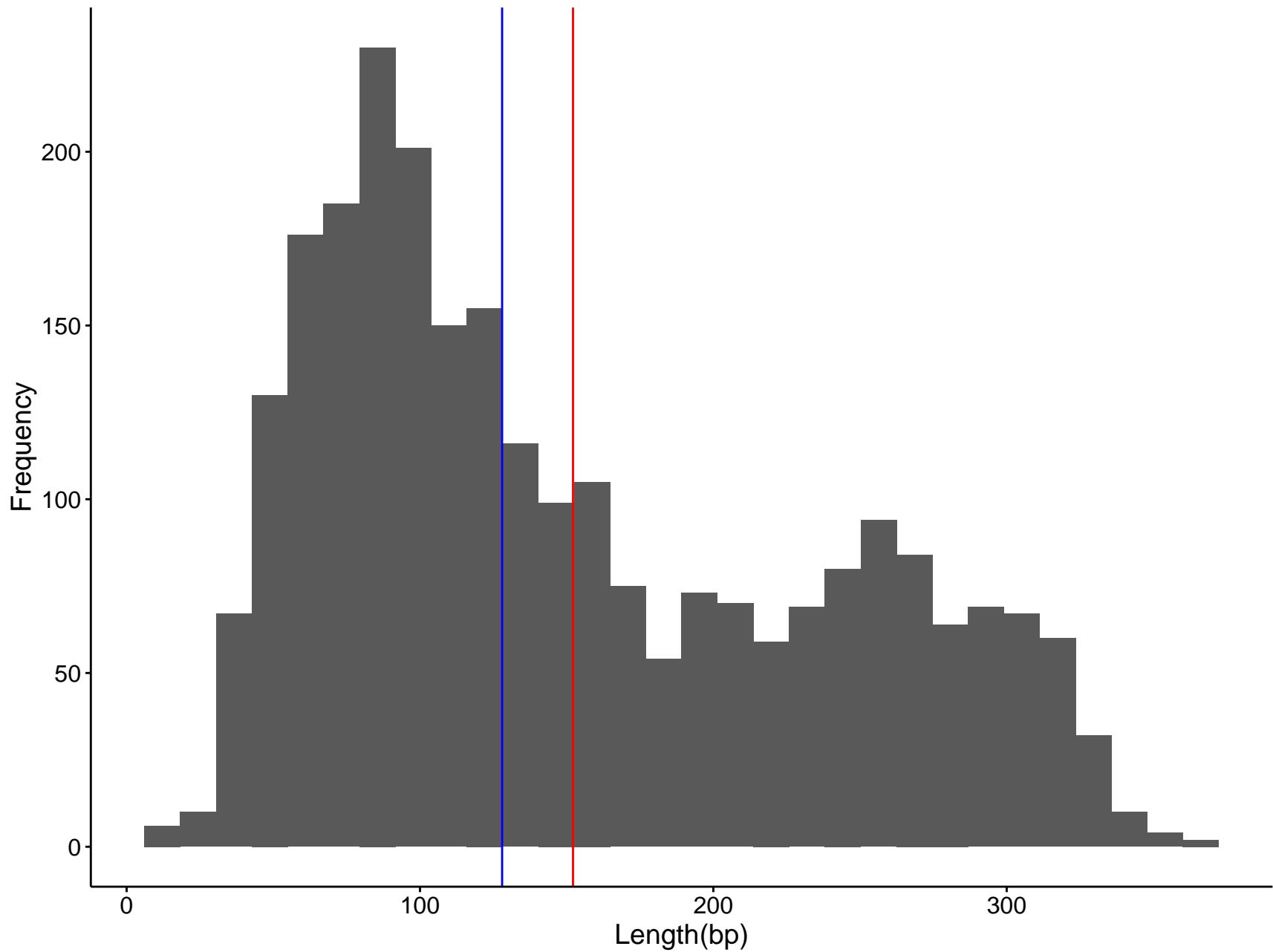
Cluster598



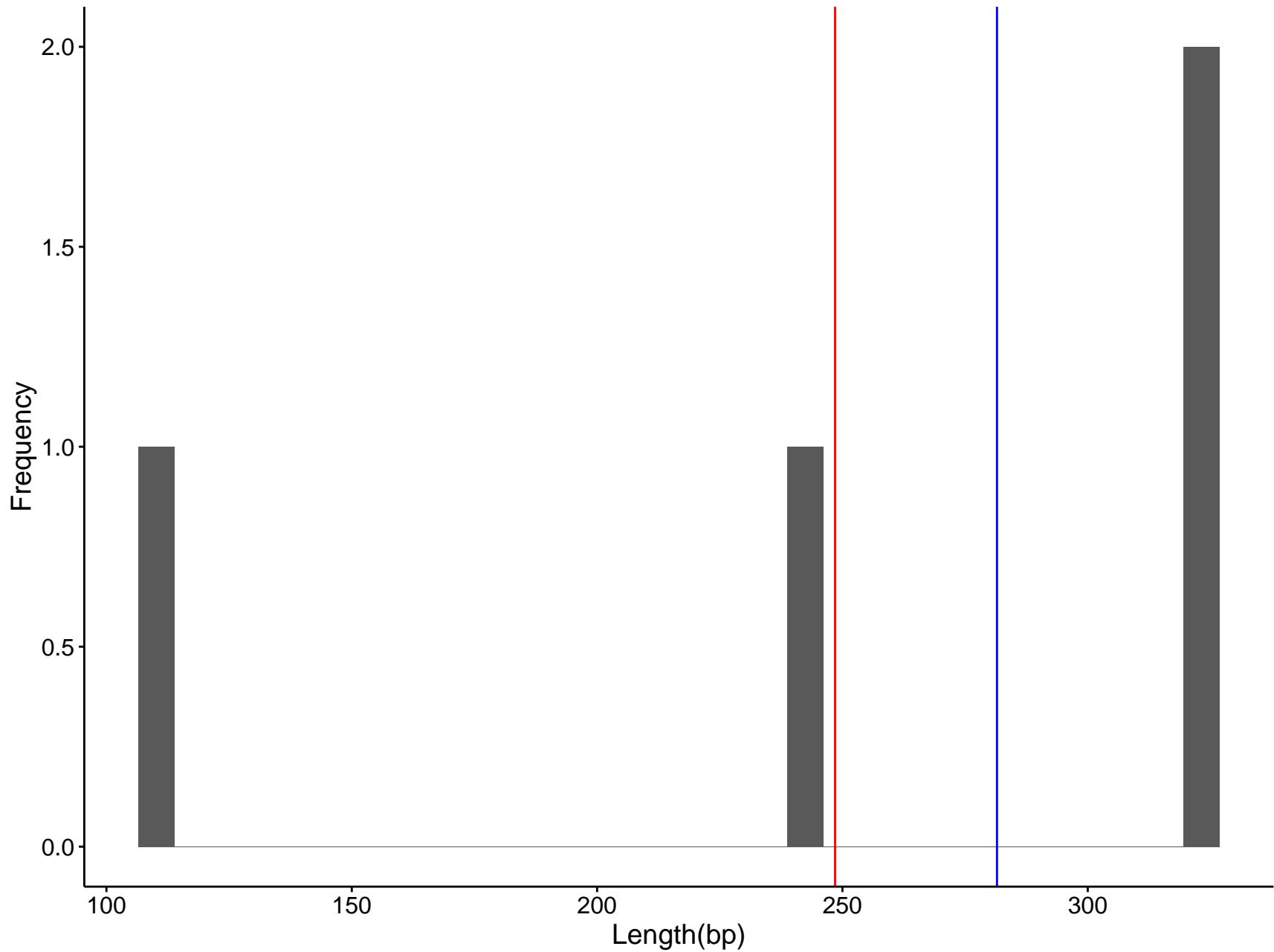
Cluster59



Cluster5



Cluster600



Cluster601

Frequency

1611.950

1611.975

1612.000
Length(bp)

1612.025

1612.



Cluster605

Frequency

62.950

62.975

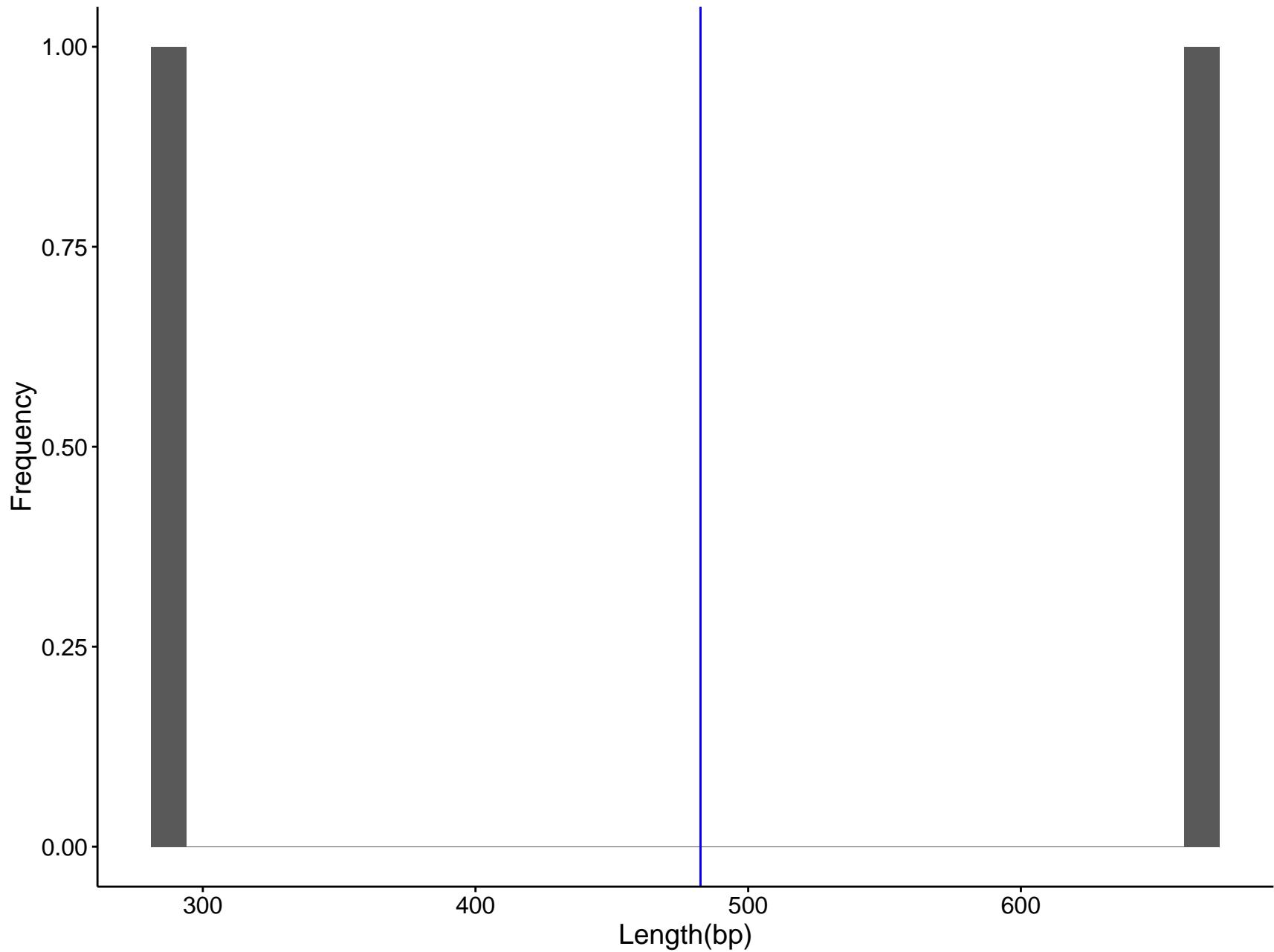
63.000

63.025

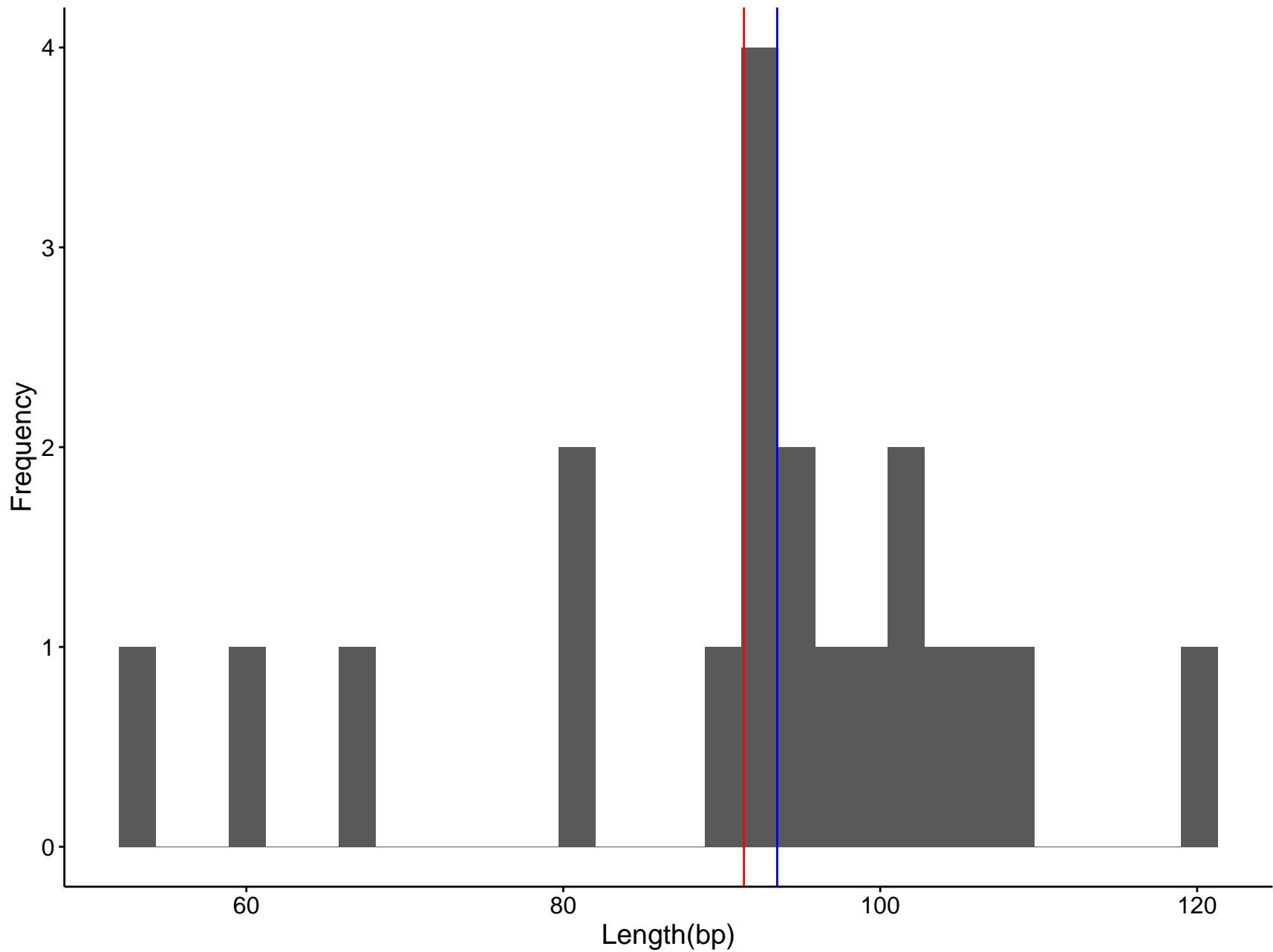
Length(bp)



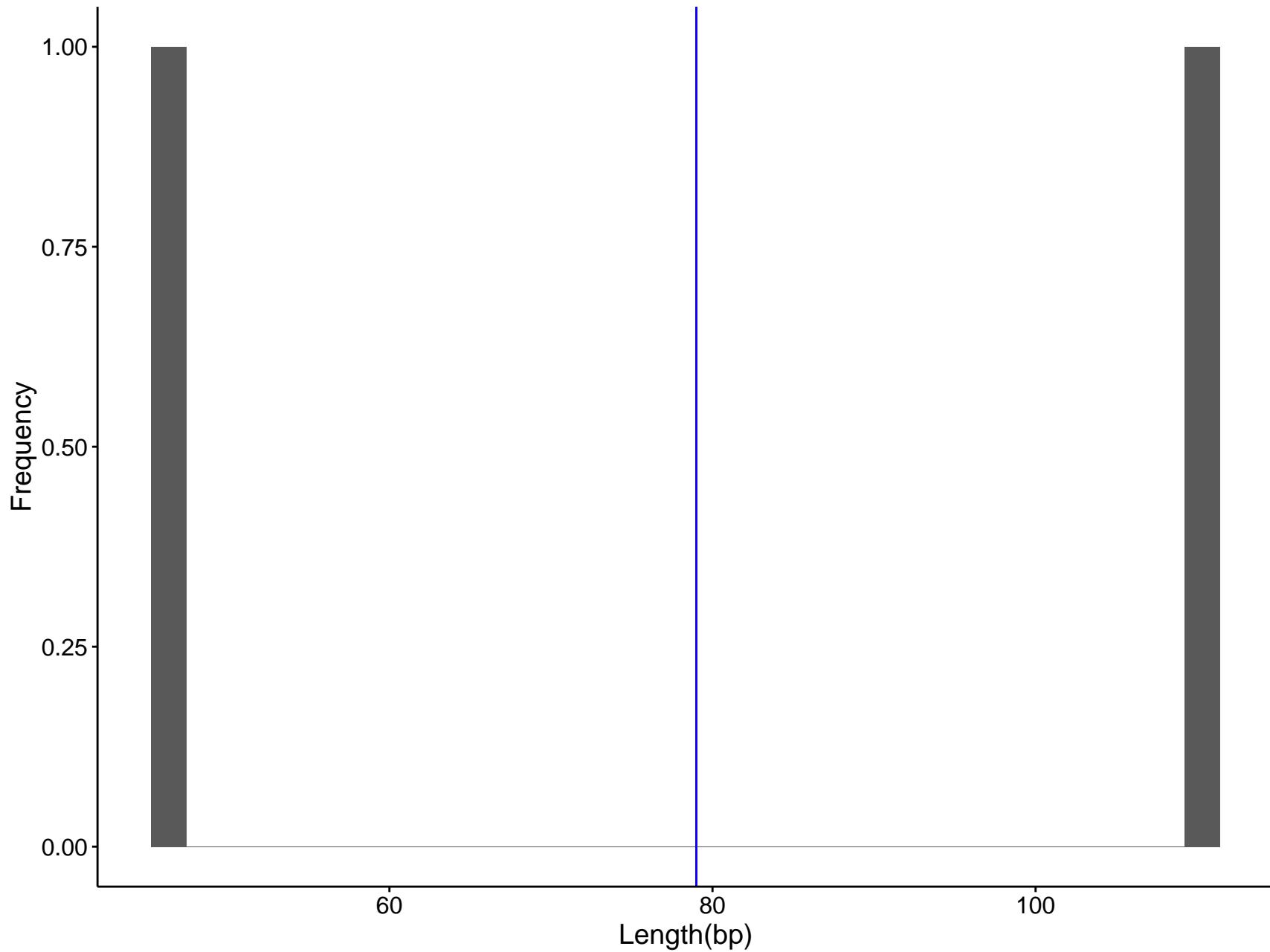
Cluster607



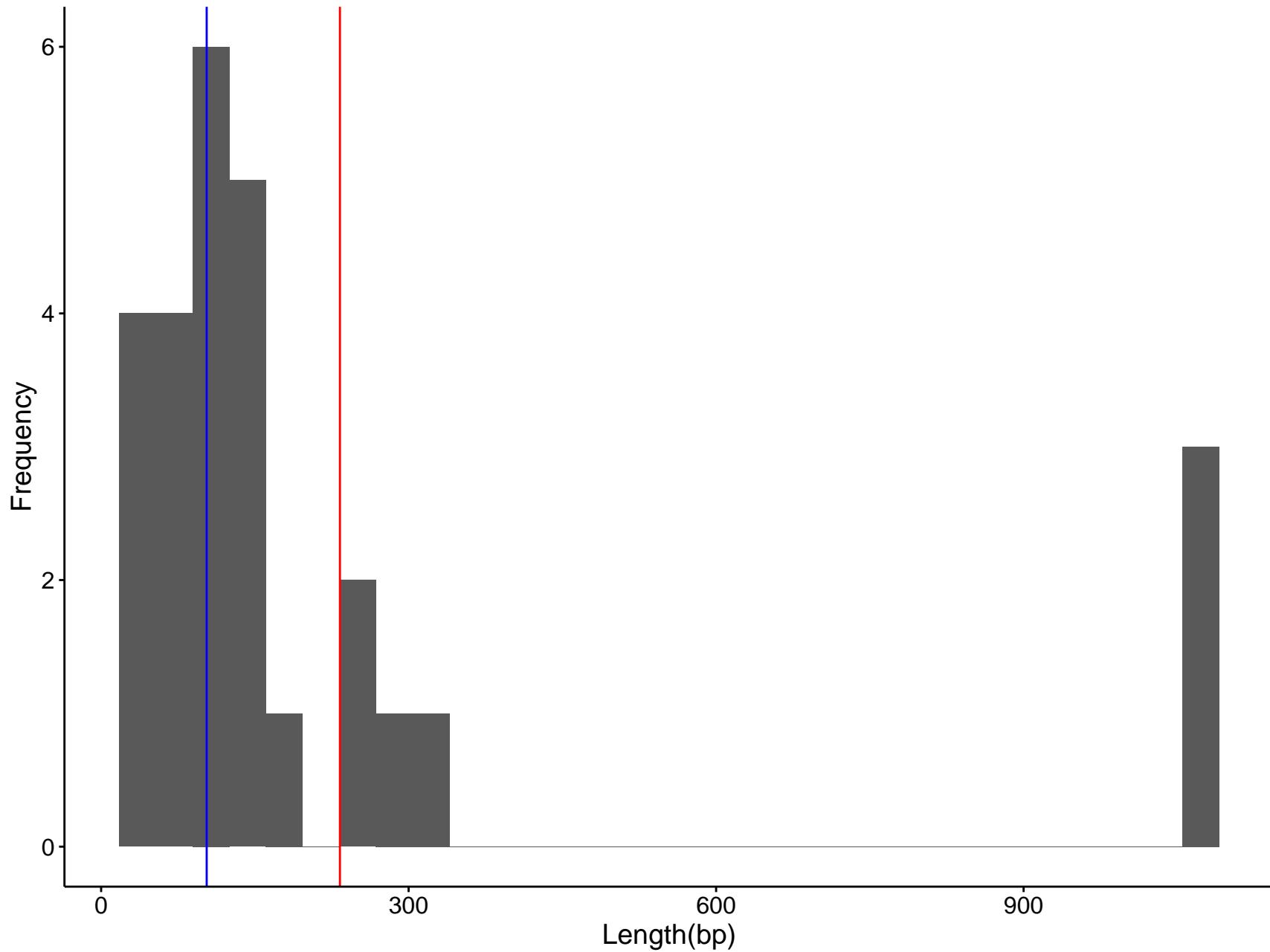
Cluster609



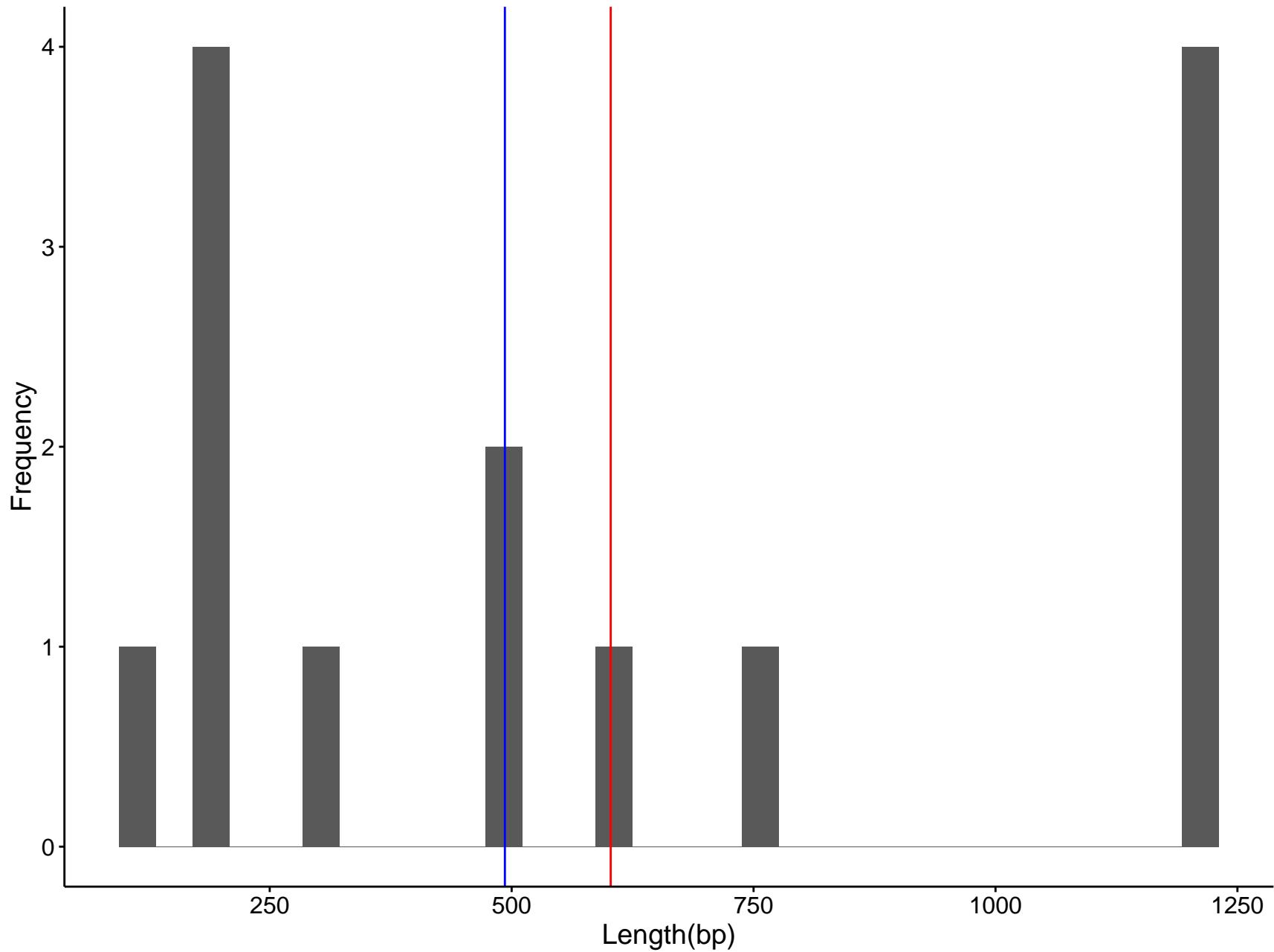
Cluster611



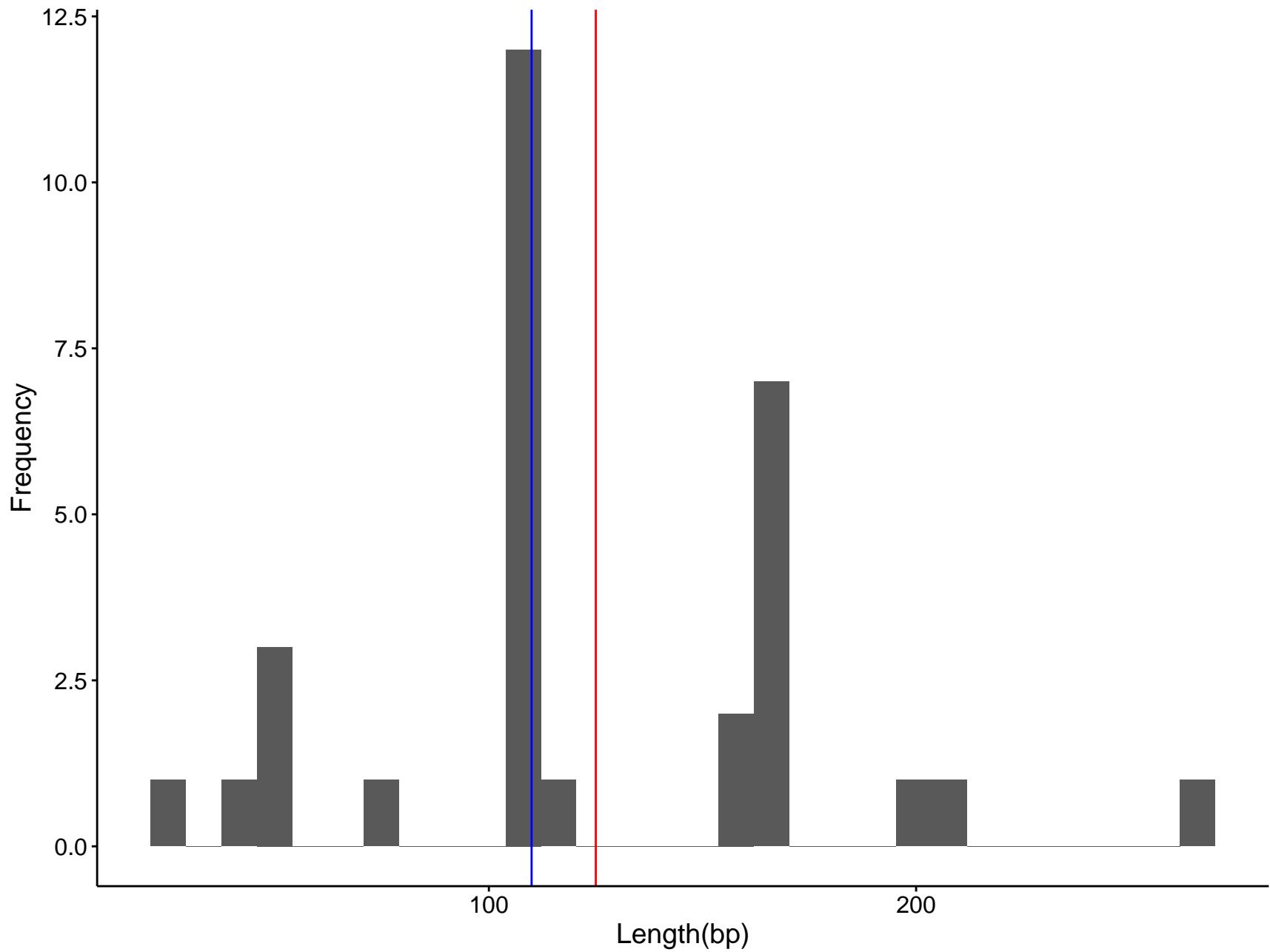
Cluster612



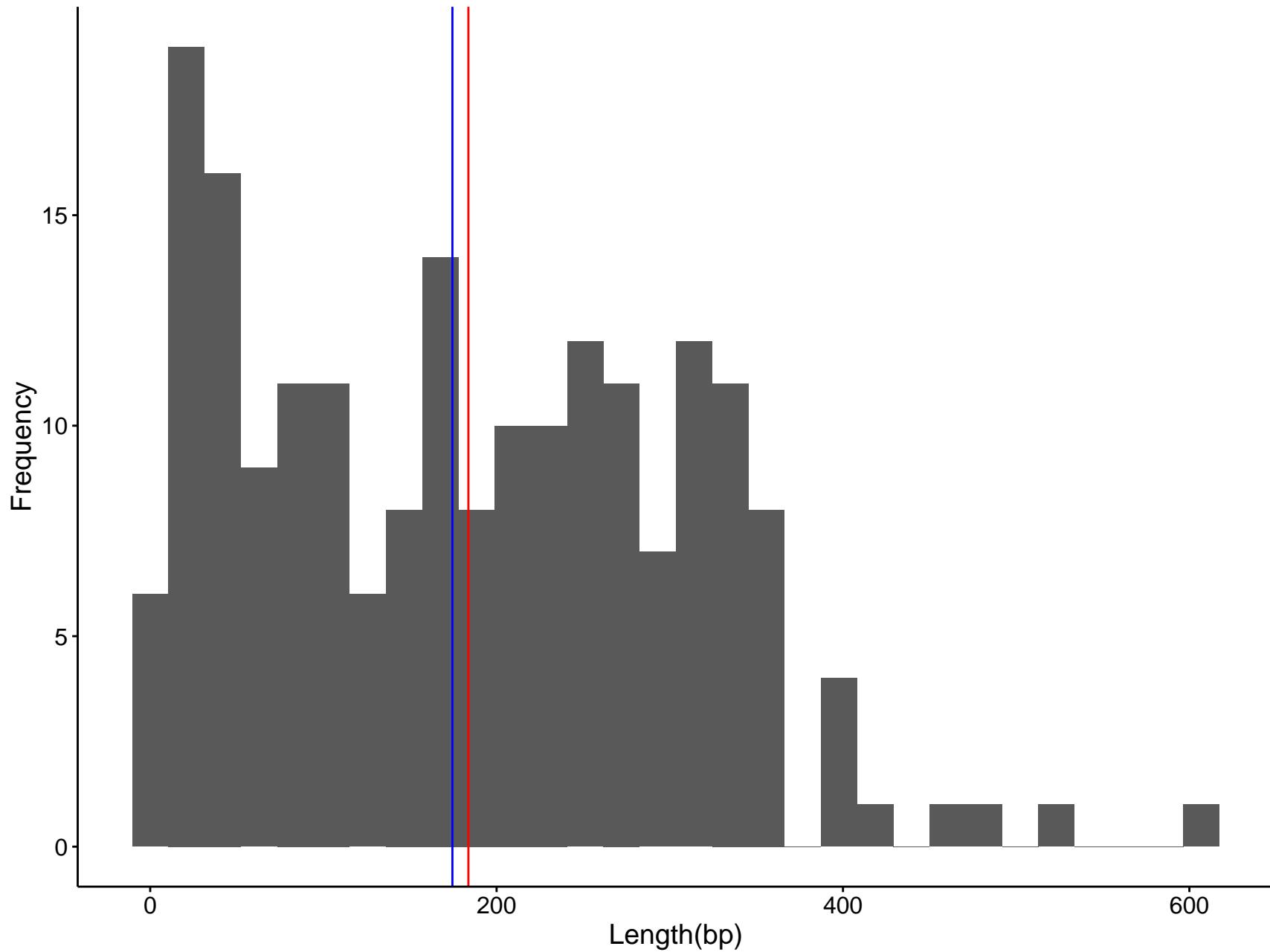
Cluster614



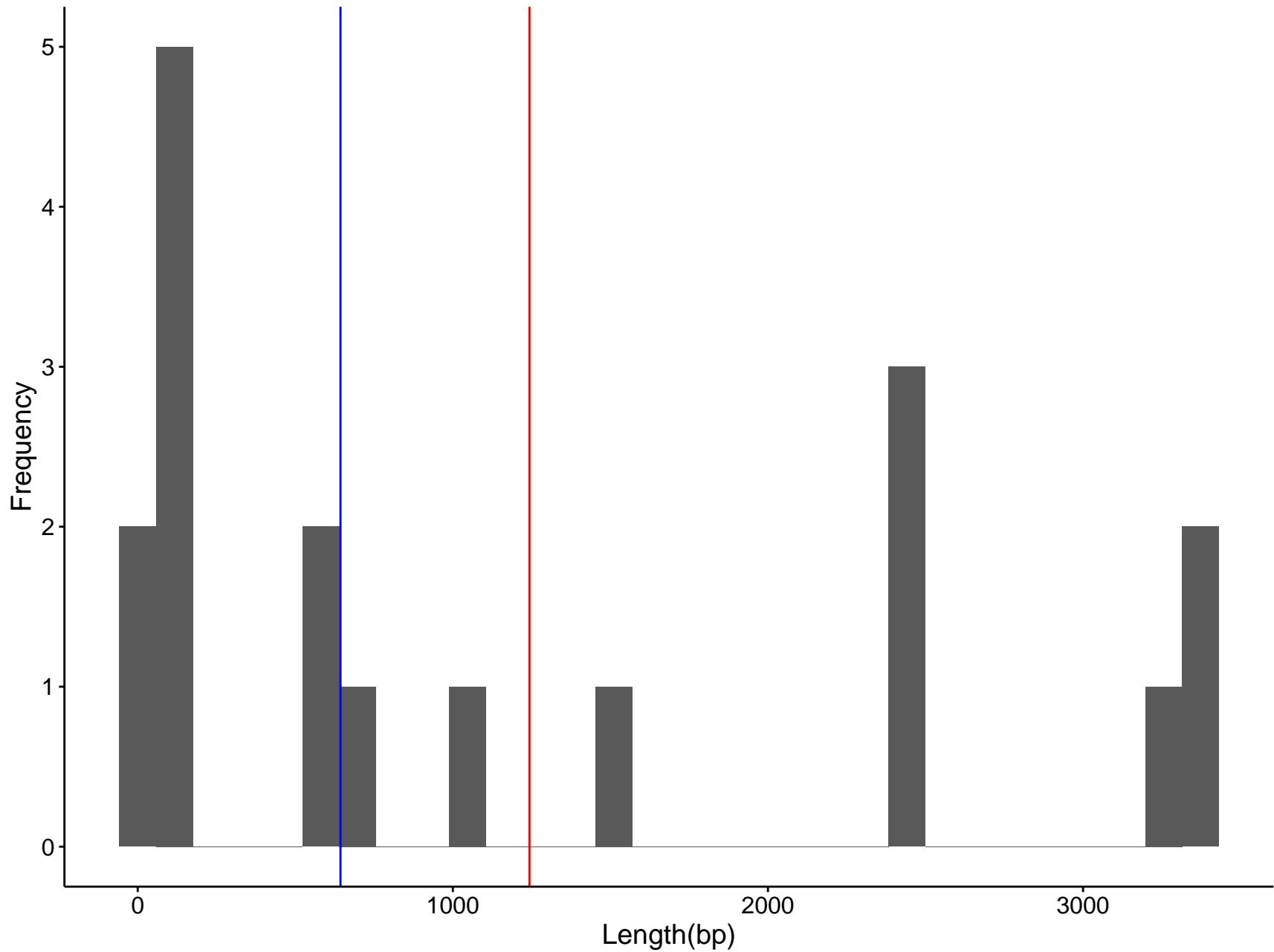
Cluster615



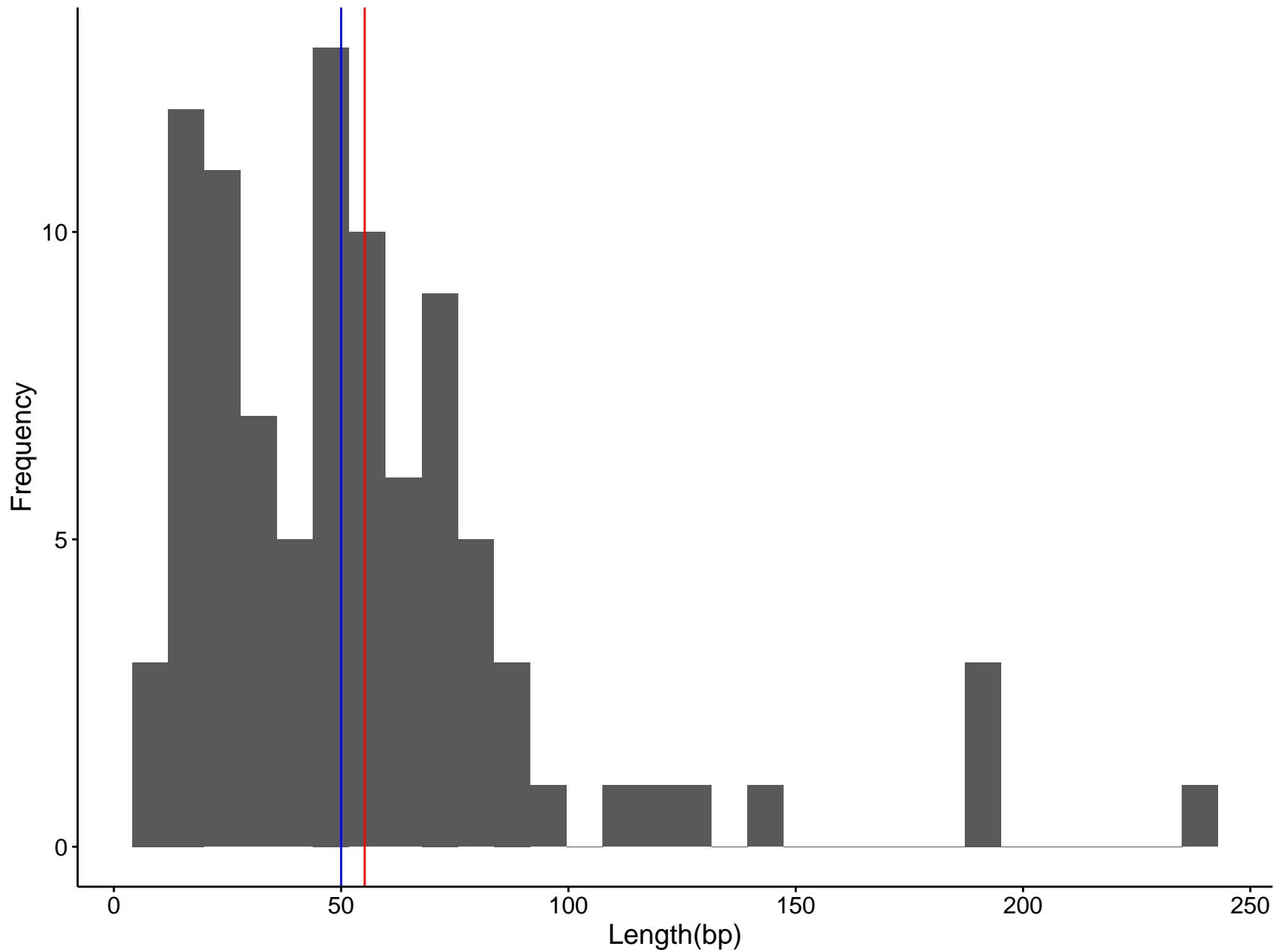
Cluster617



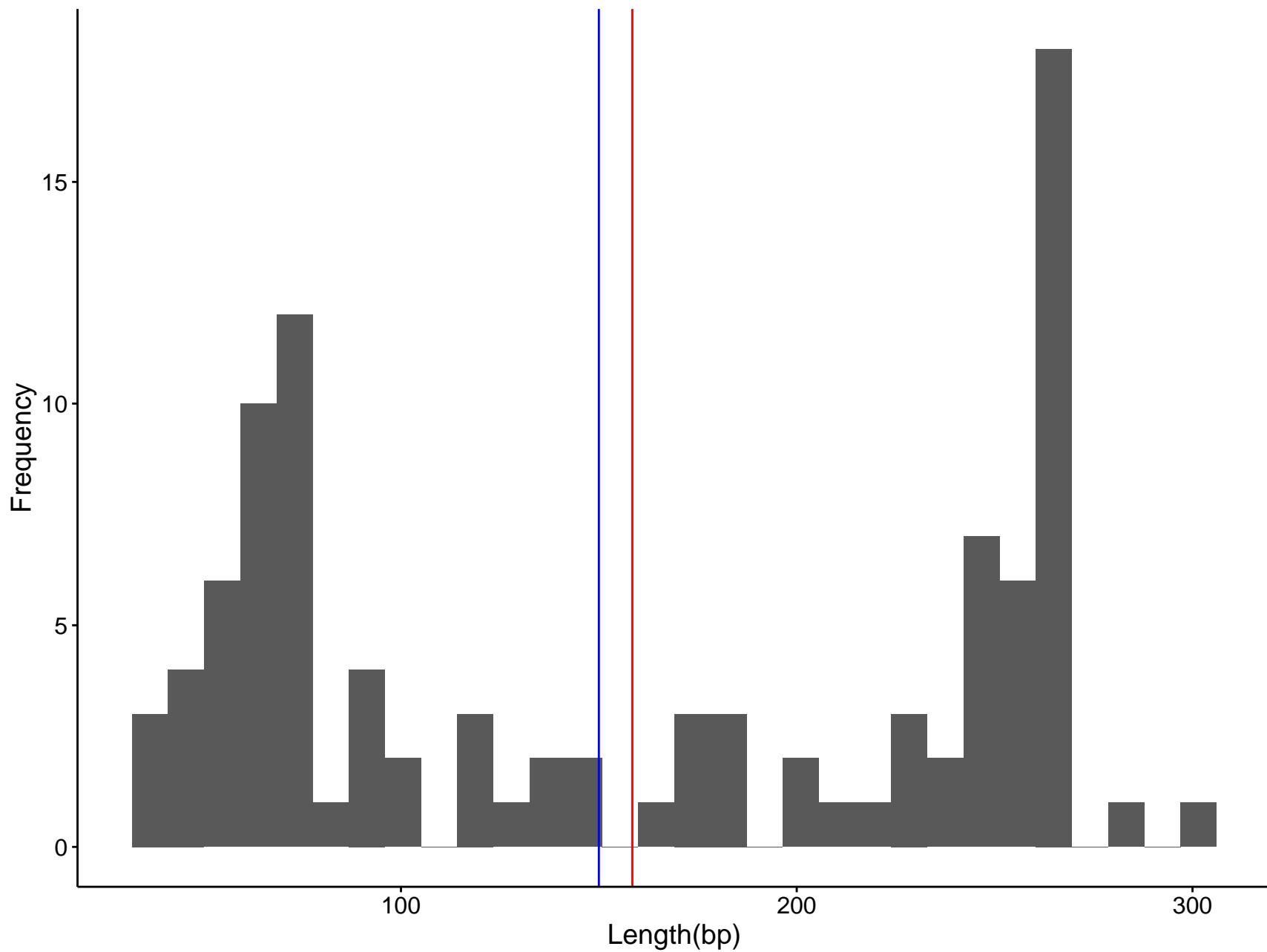
Cluster618



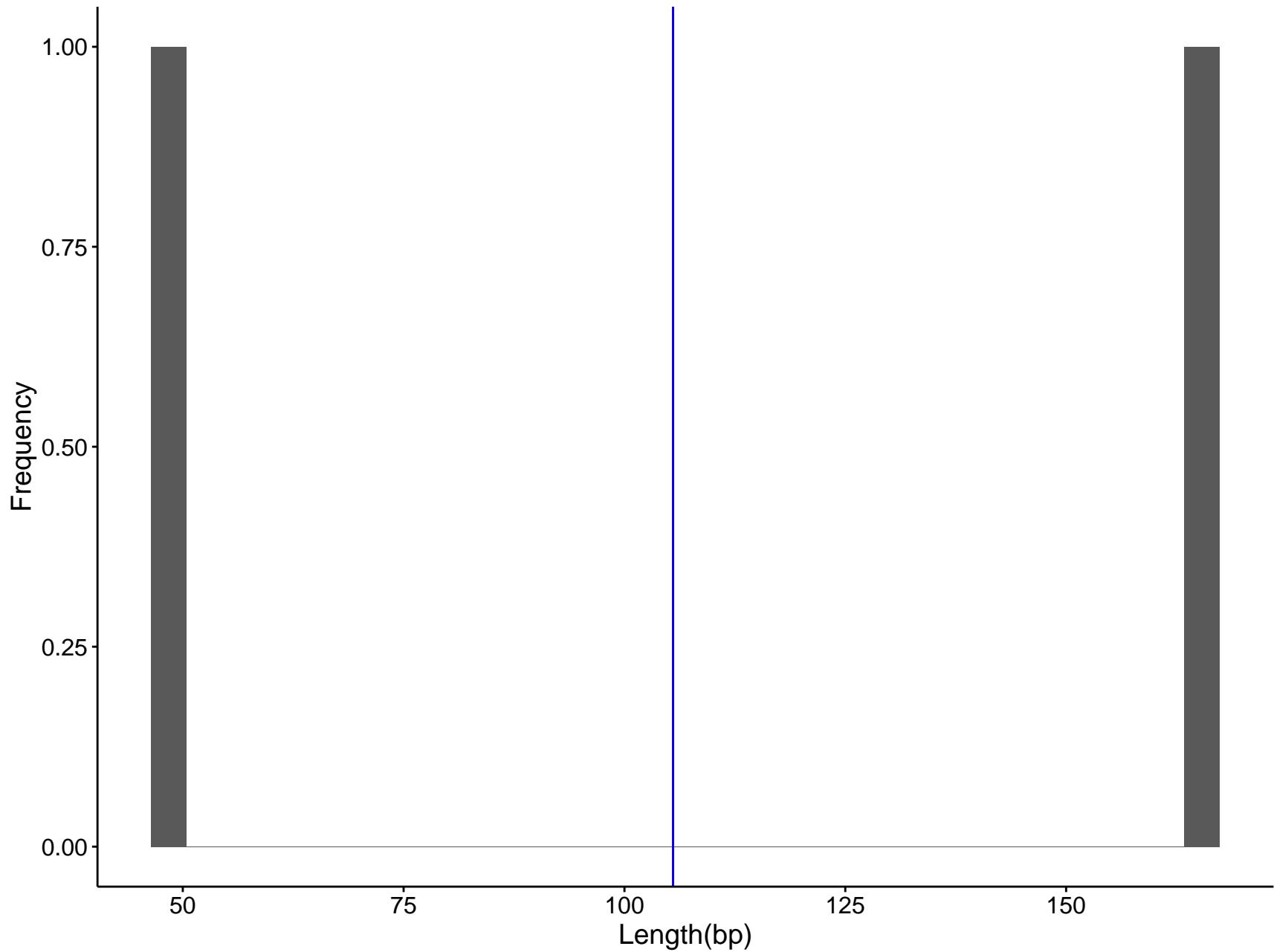
Cluster619



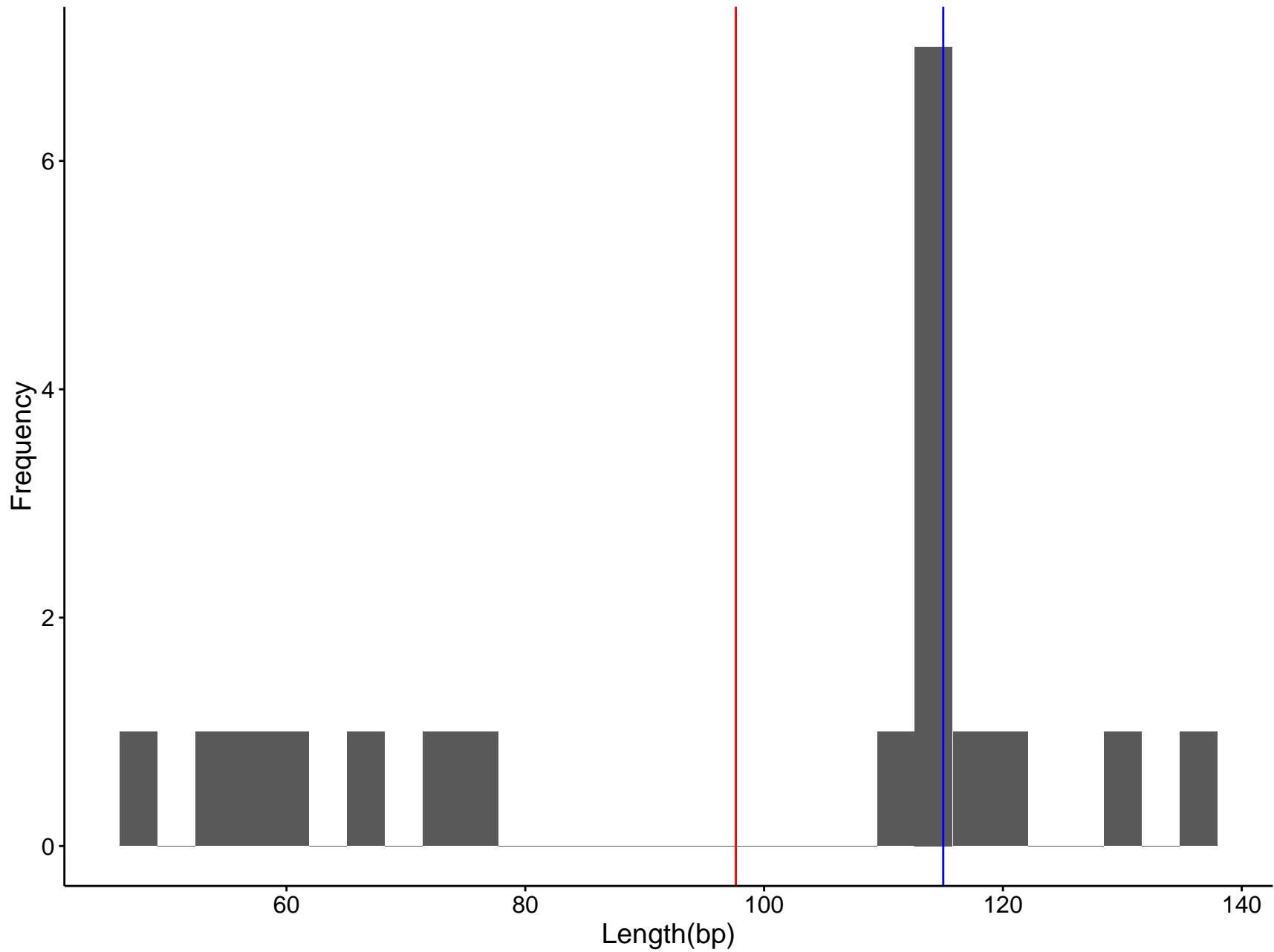
Cluster620



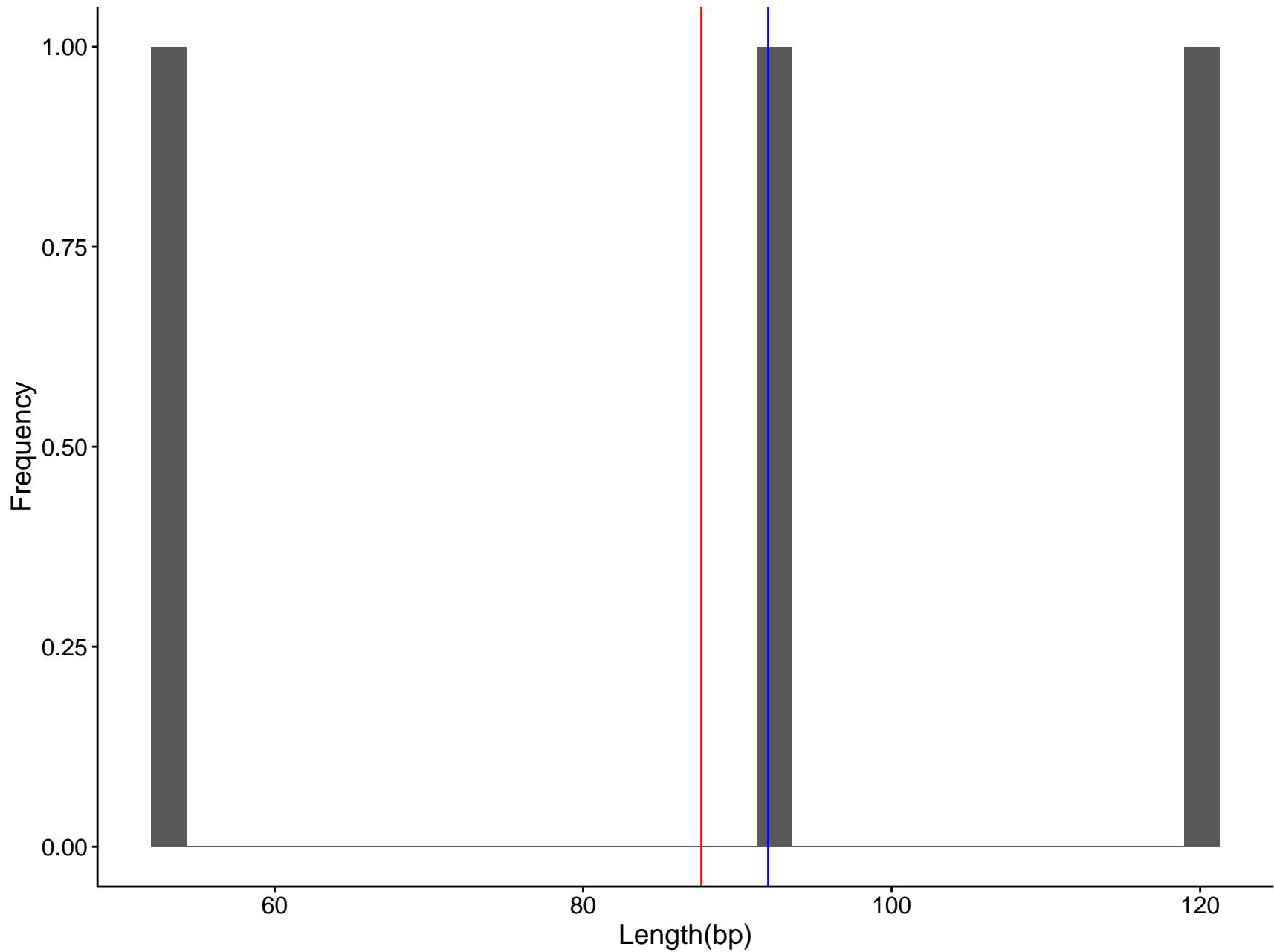
Cluster621



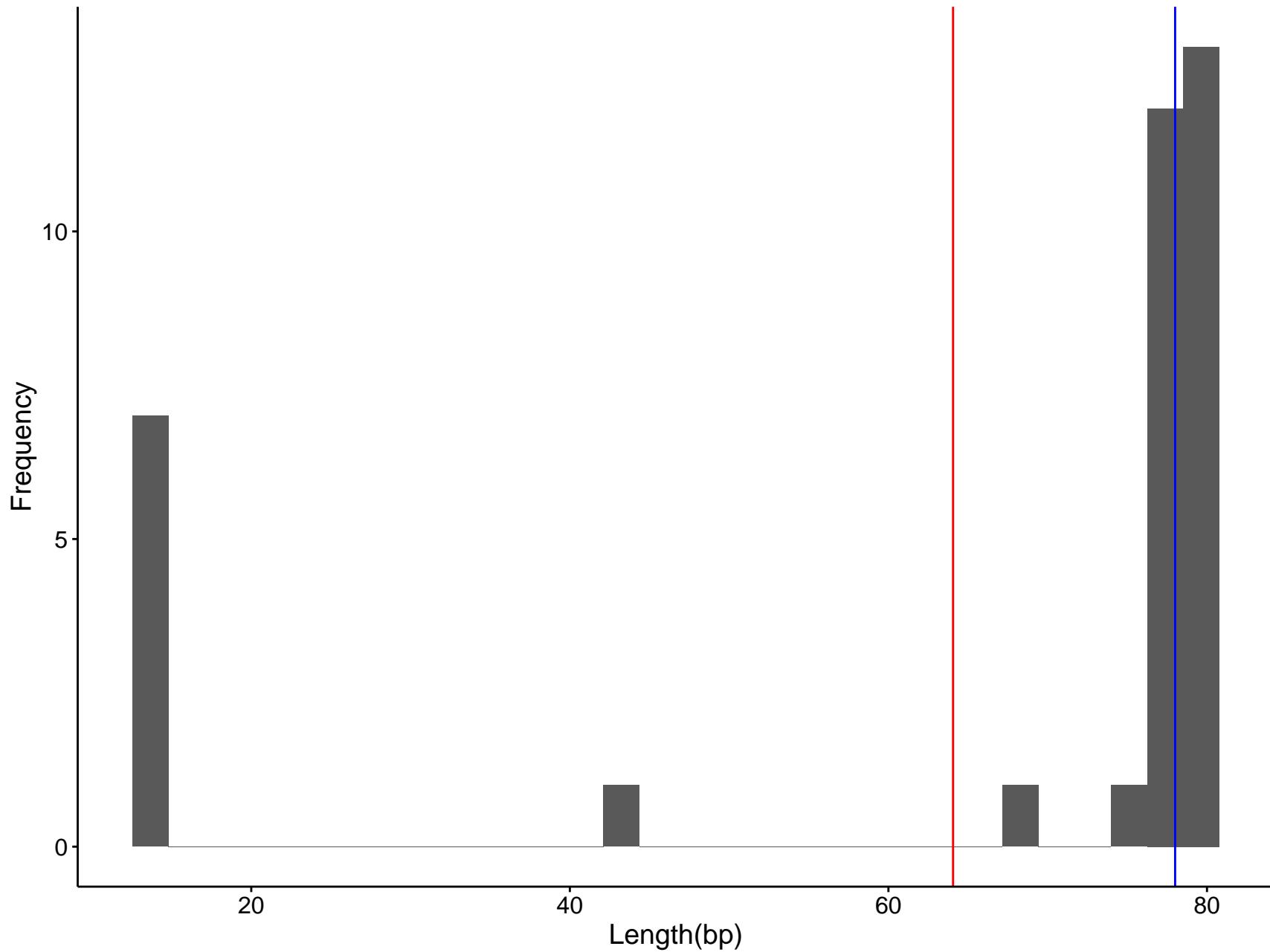
Cluster622

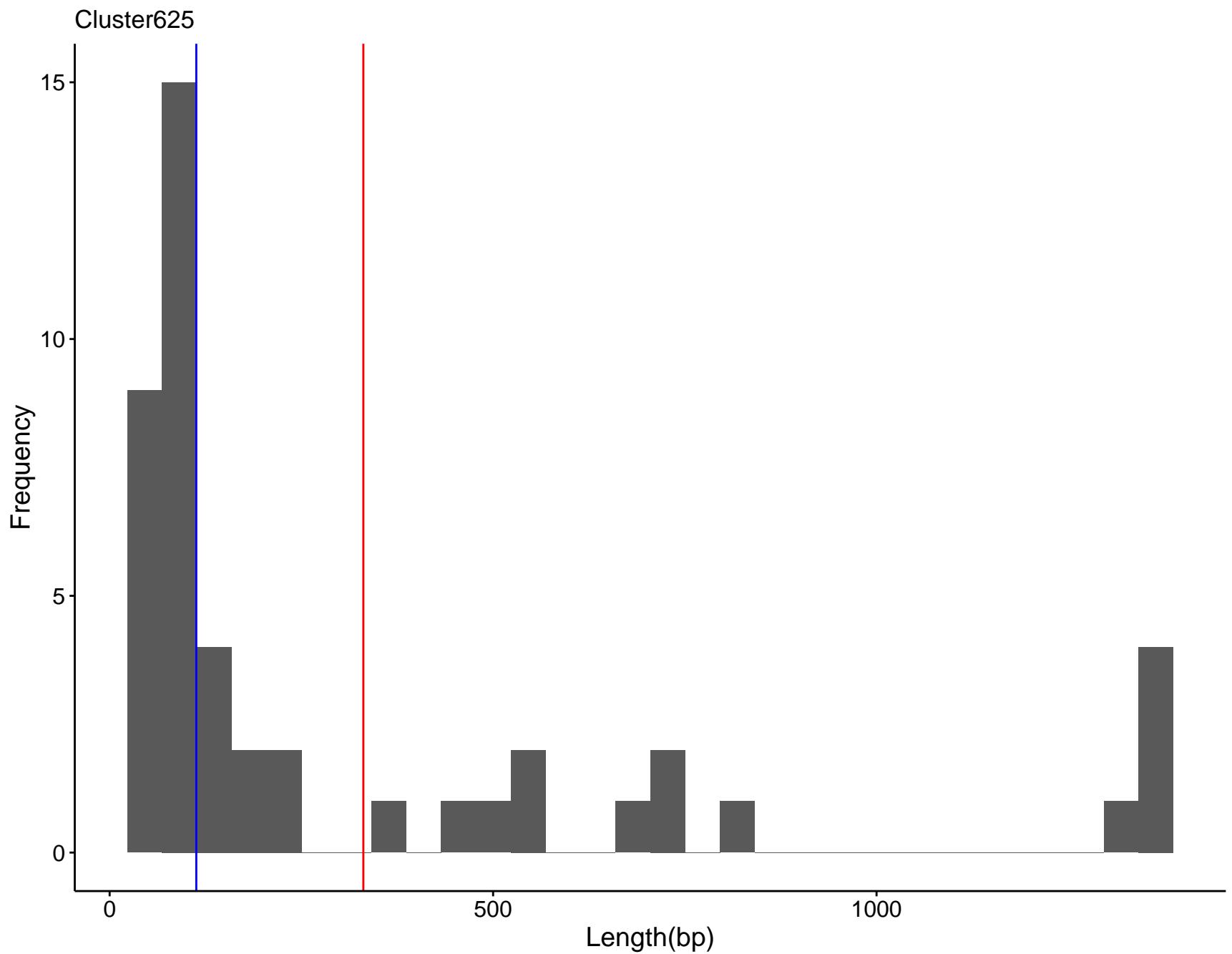


Cluster623

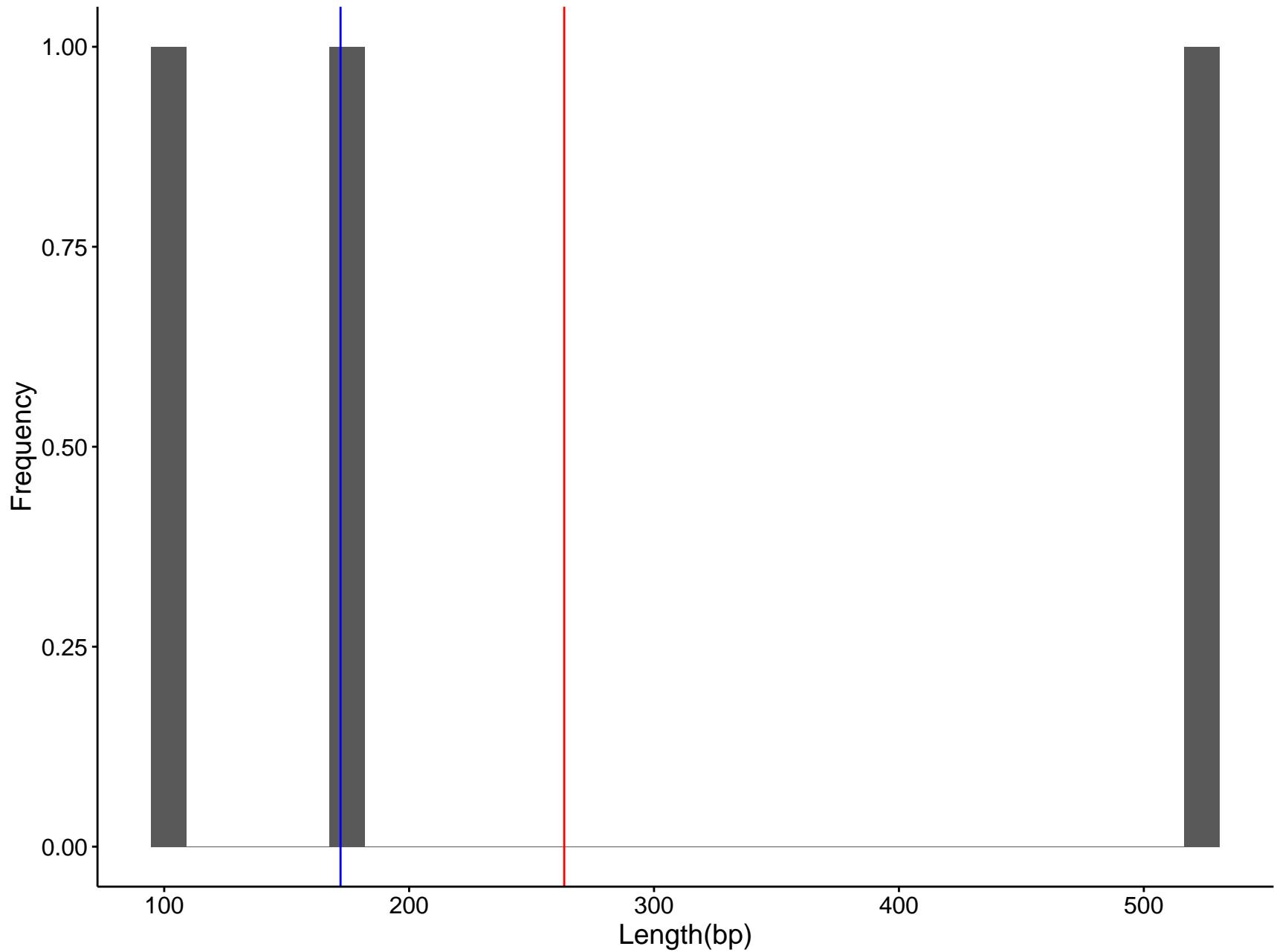


Cluster624

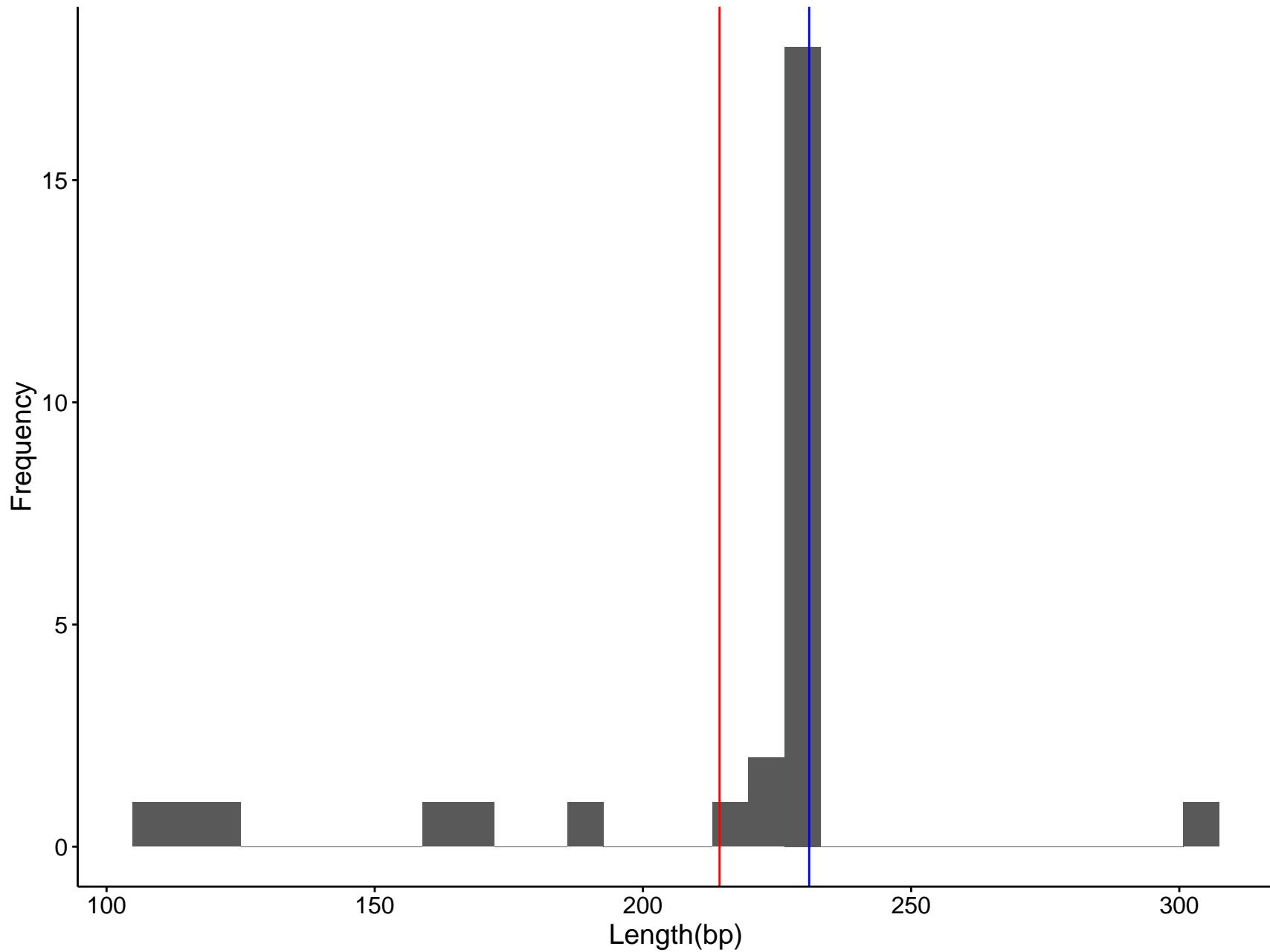




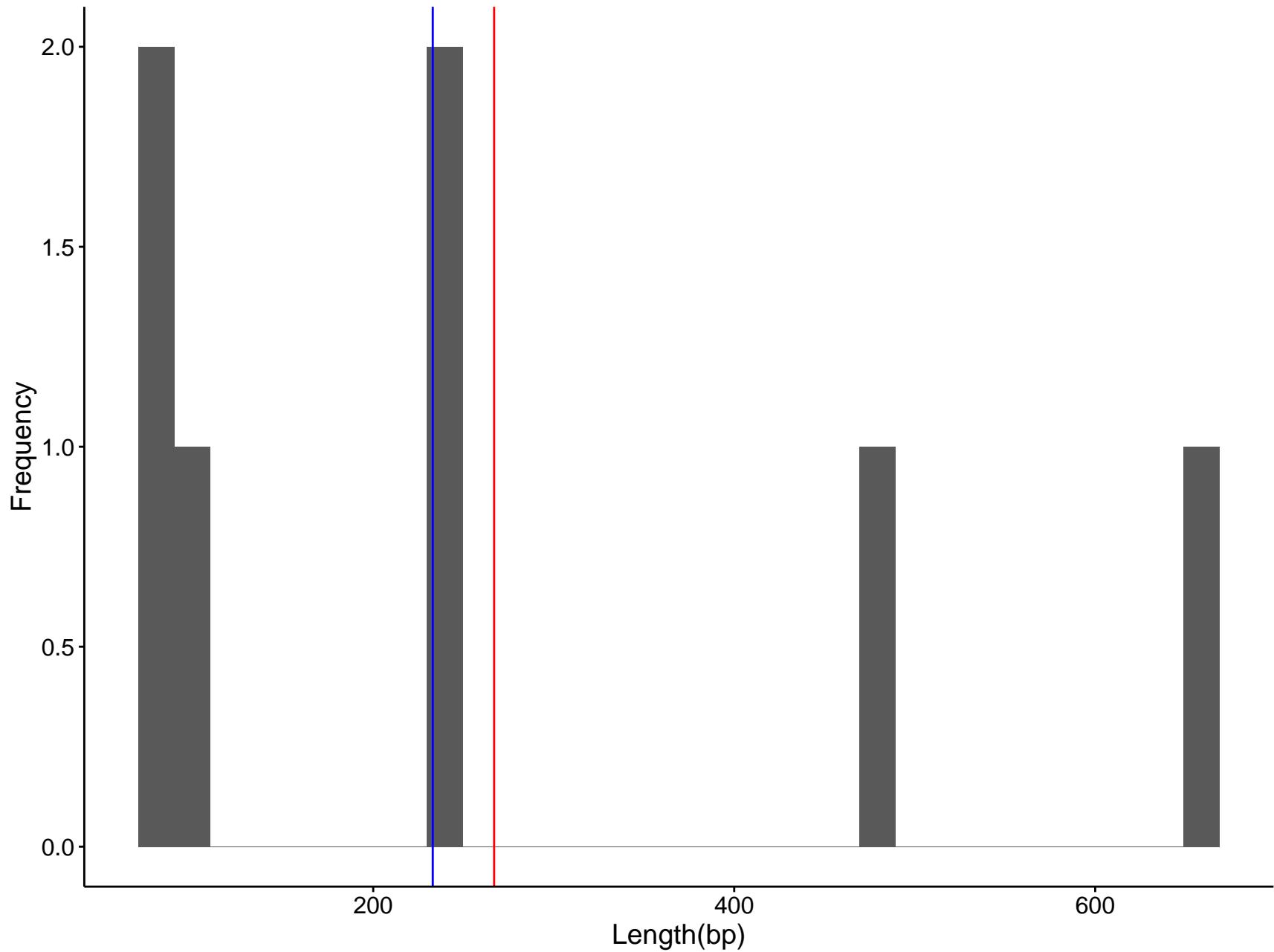
Cluster626



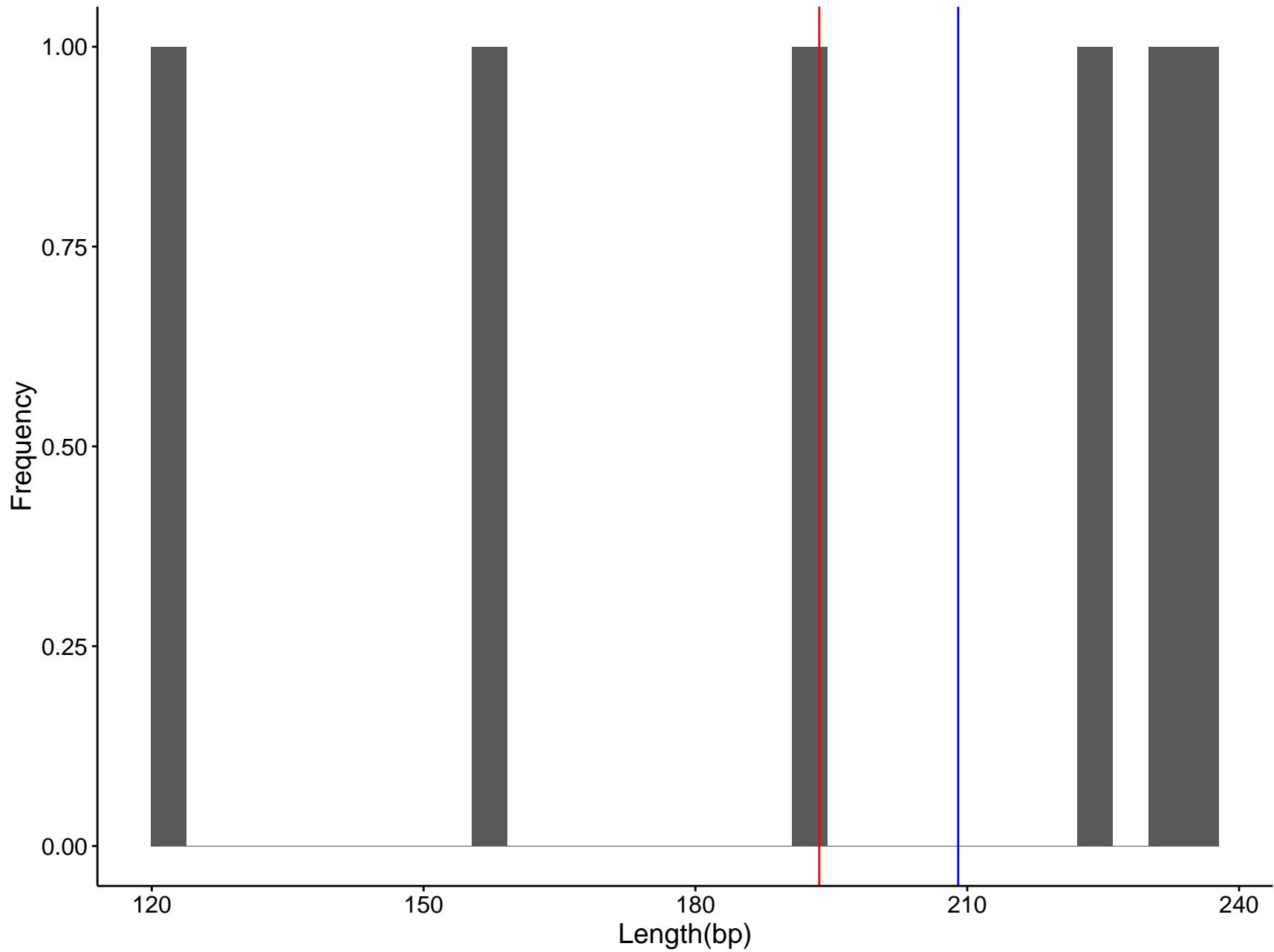
Cluster627



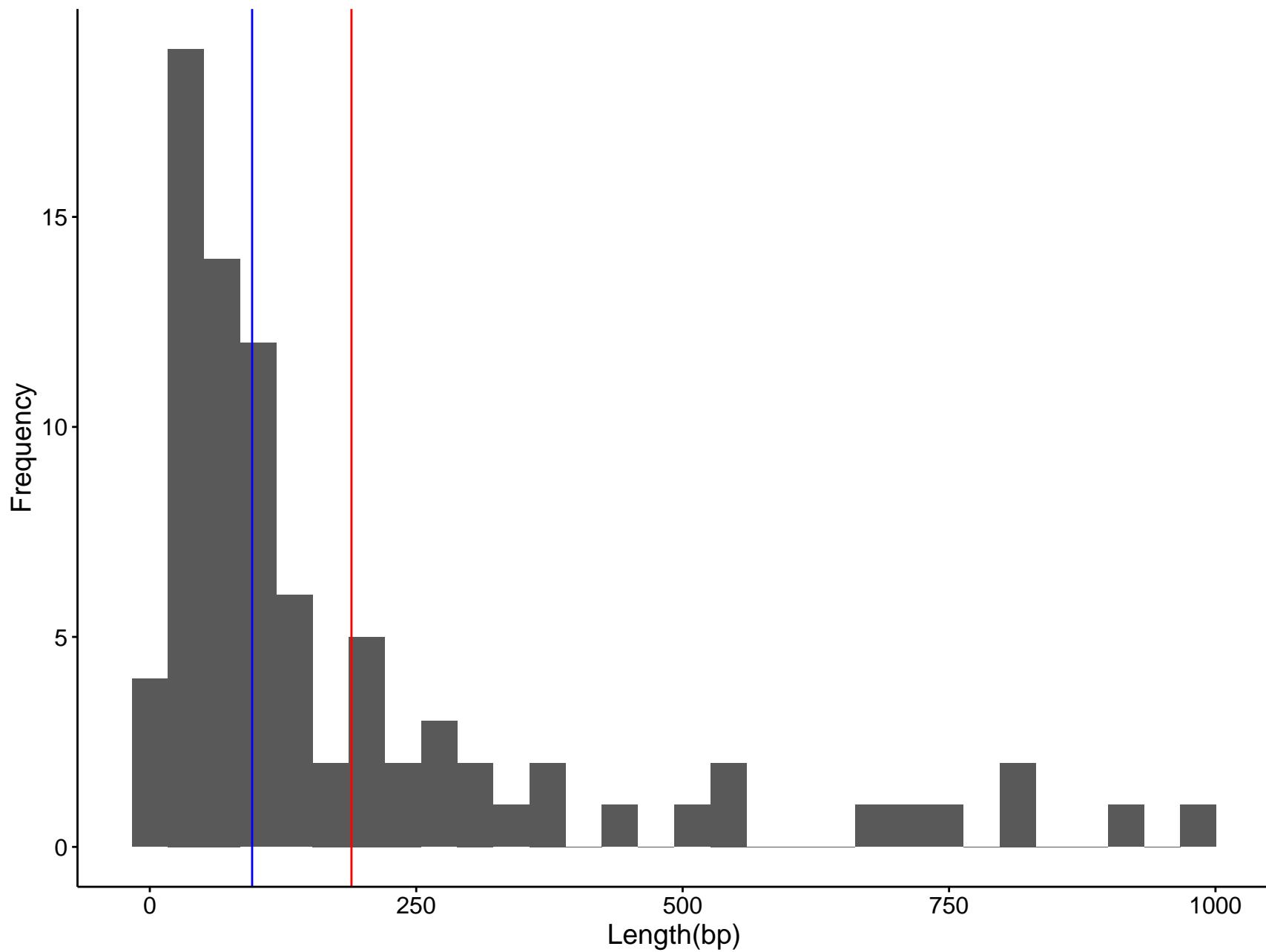
Cluster628



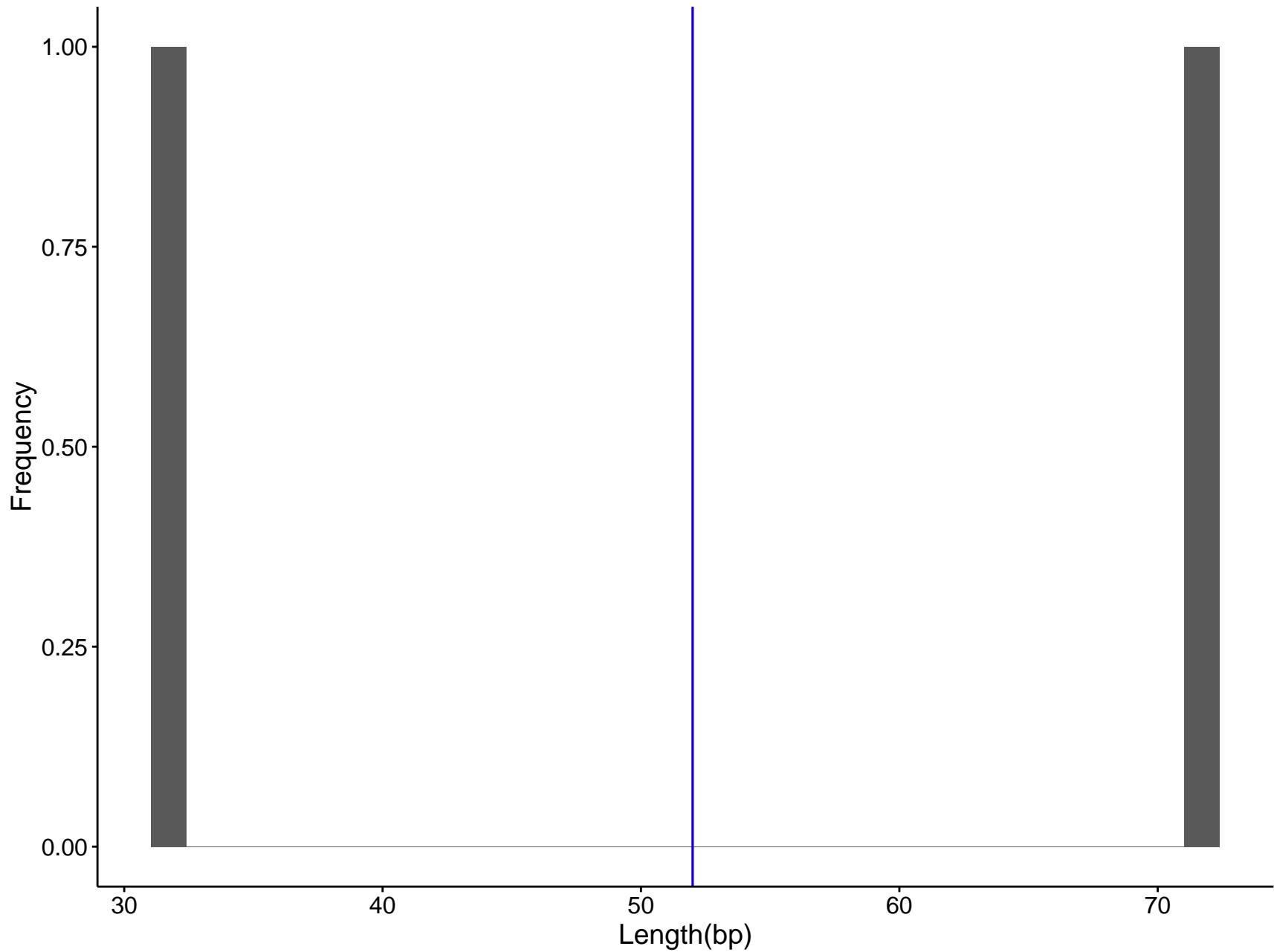
Cluster633



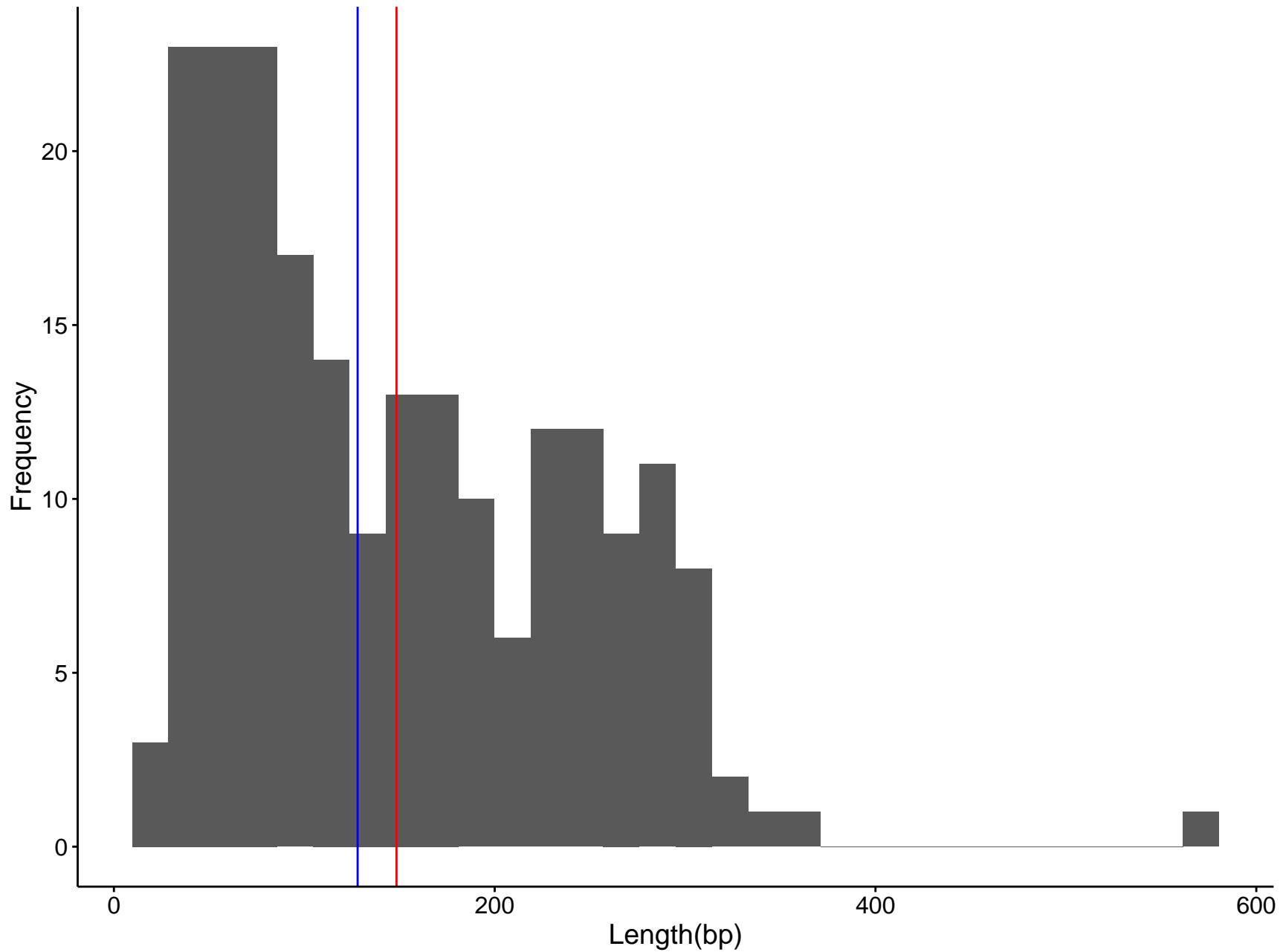
Cluster635



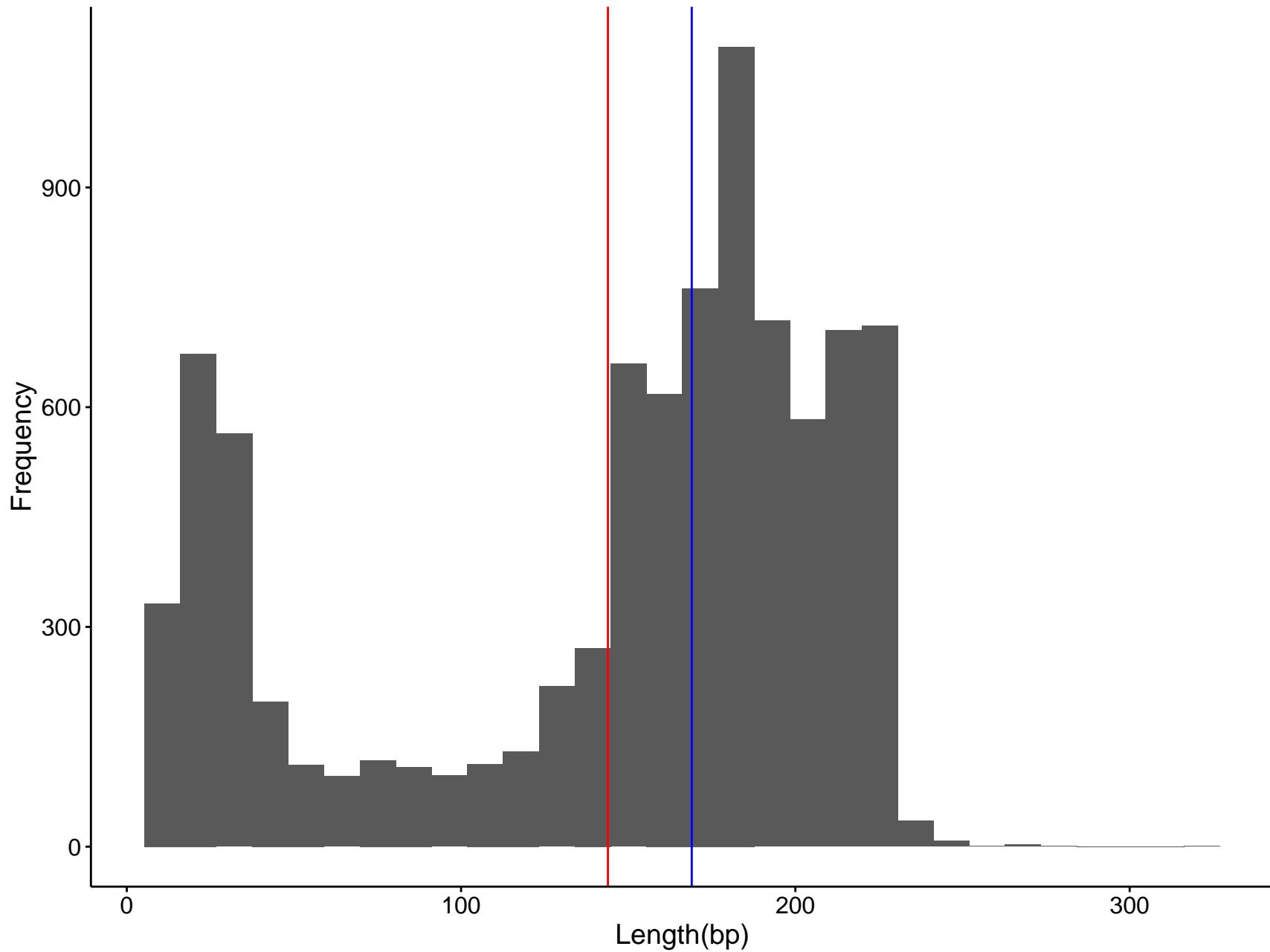
Cluster636



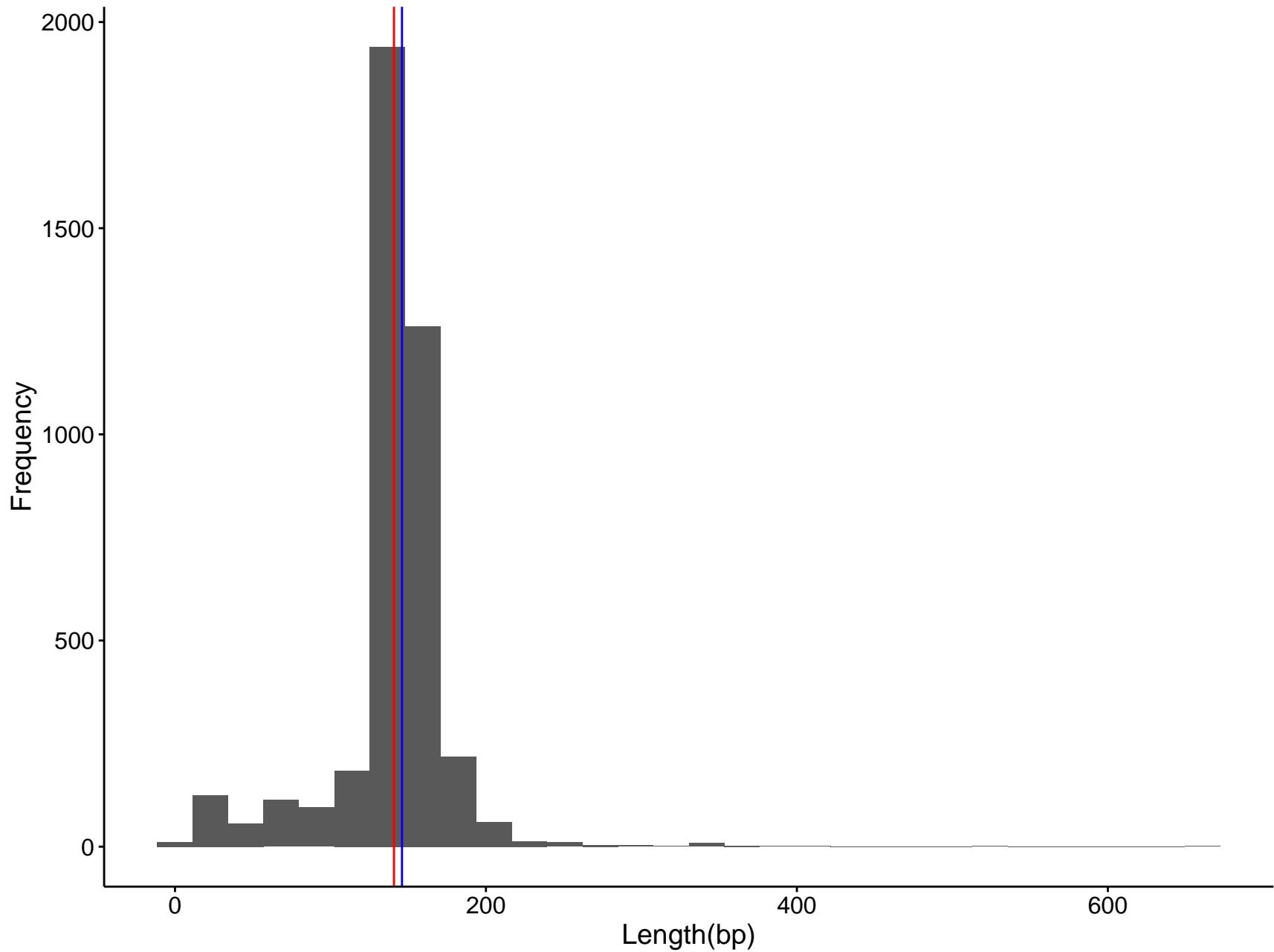
Cluster638



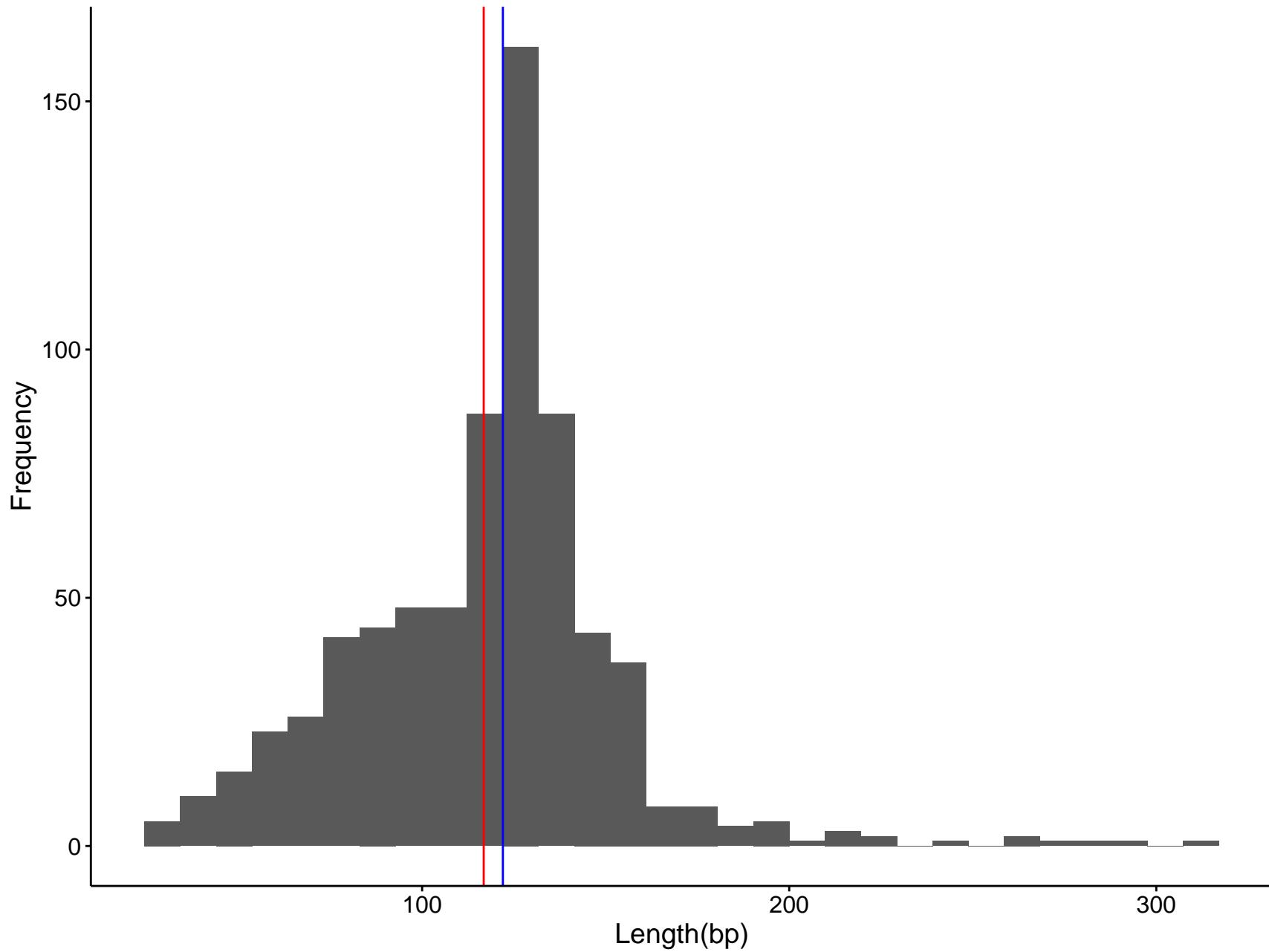
Cluster640



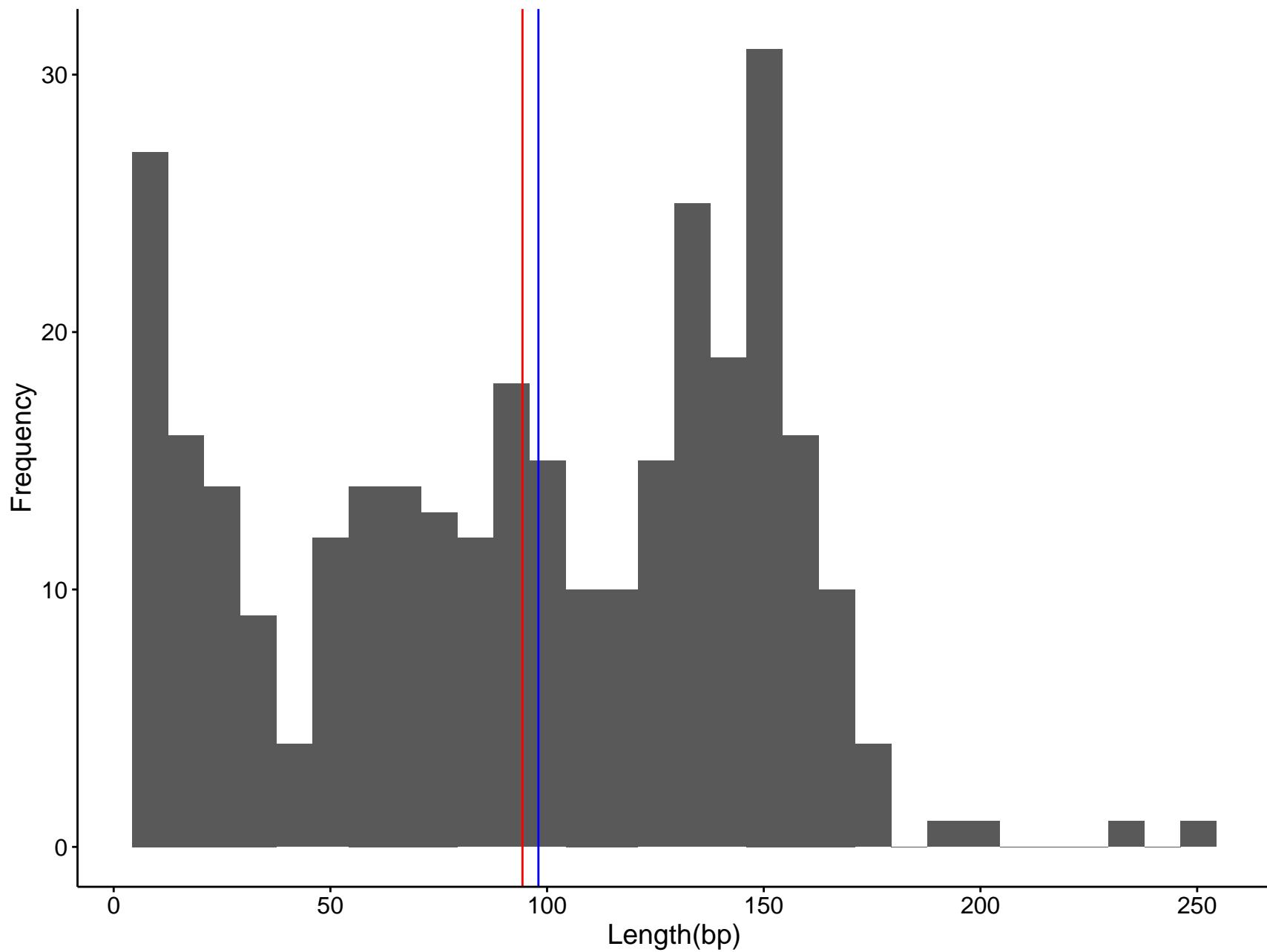
Cluster641



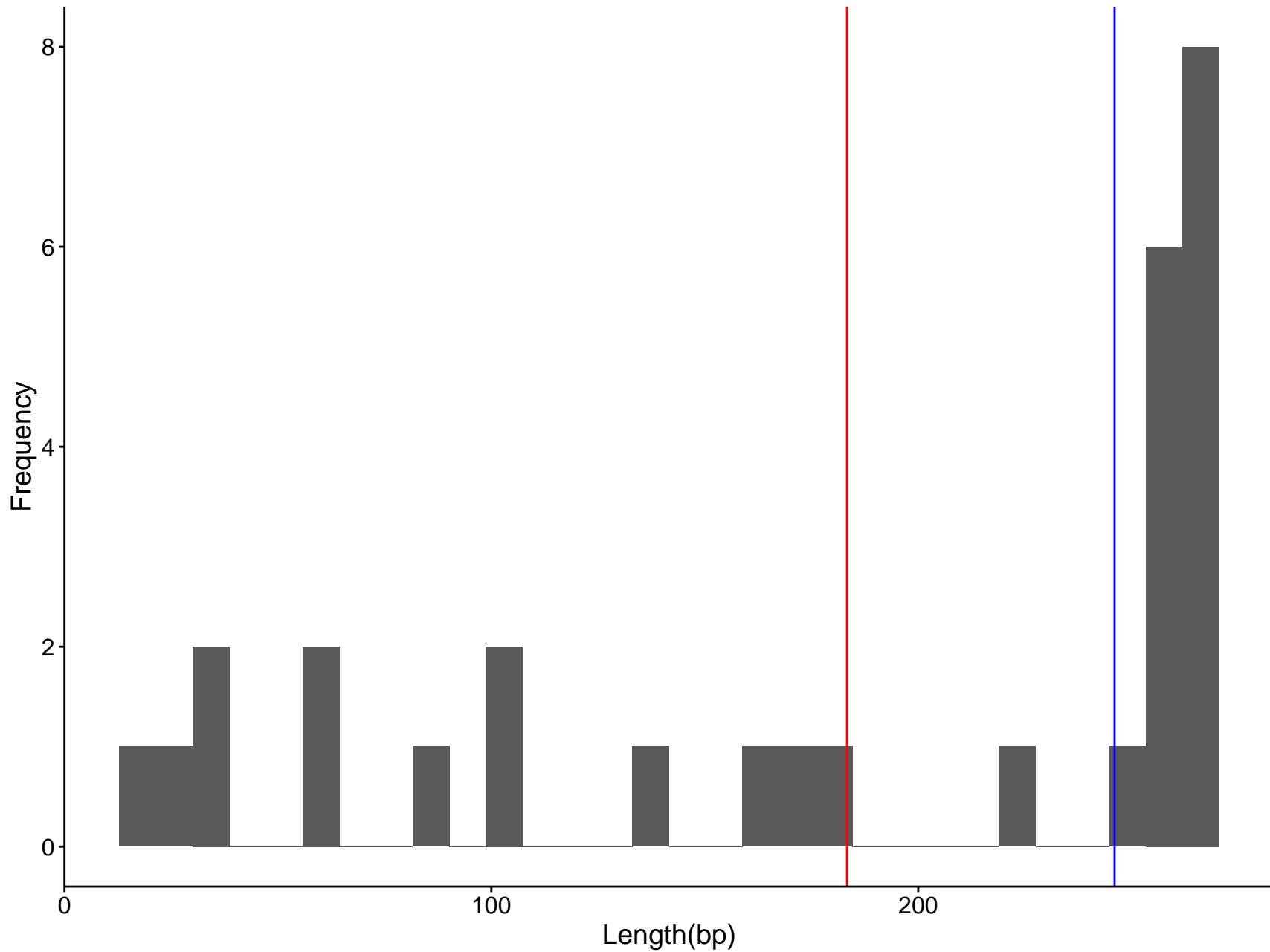
Cluster642



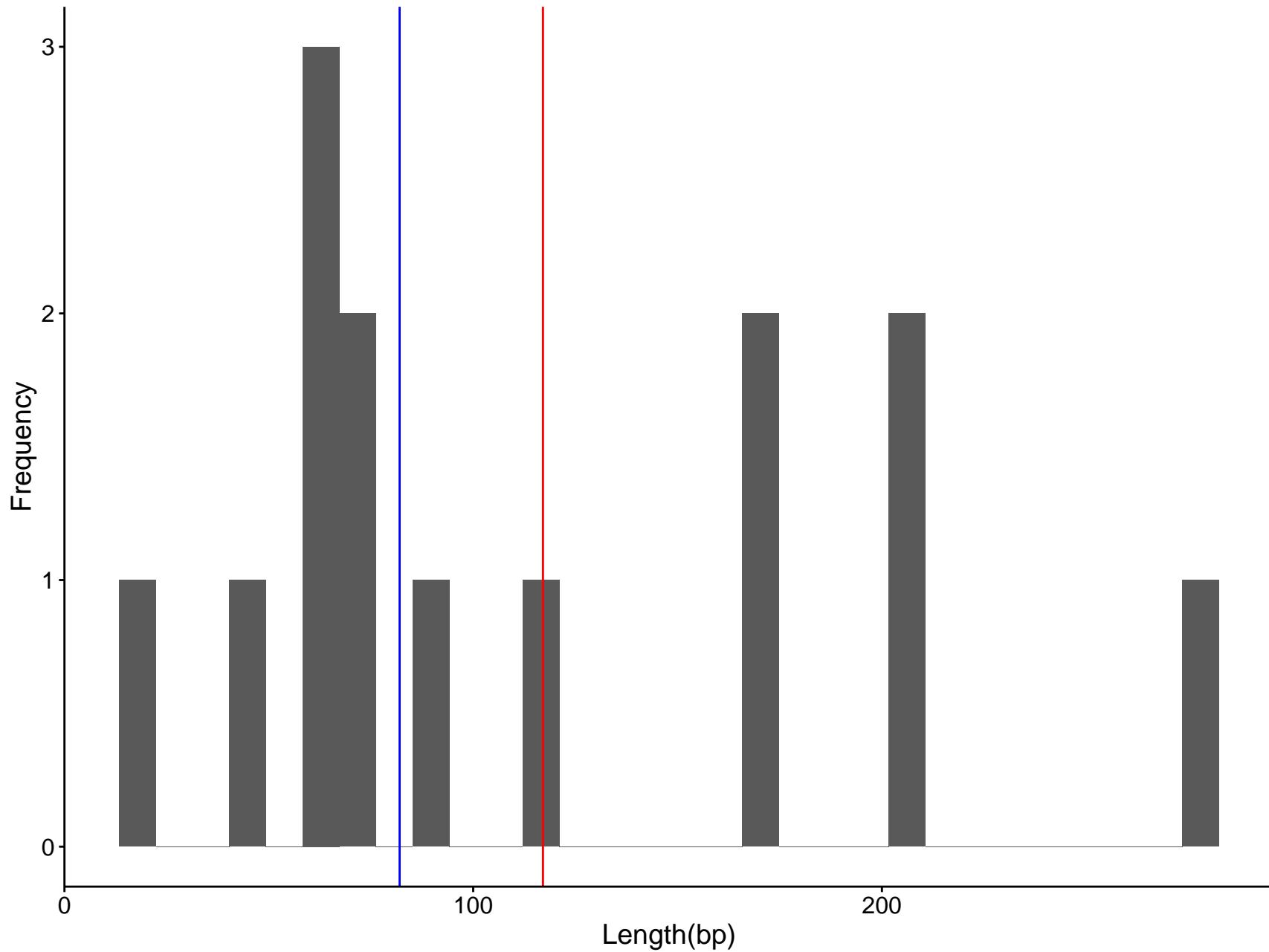
Cluster644



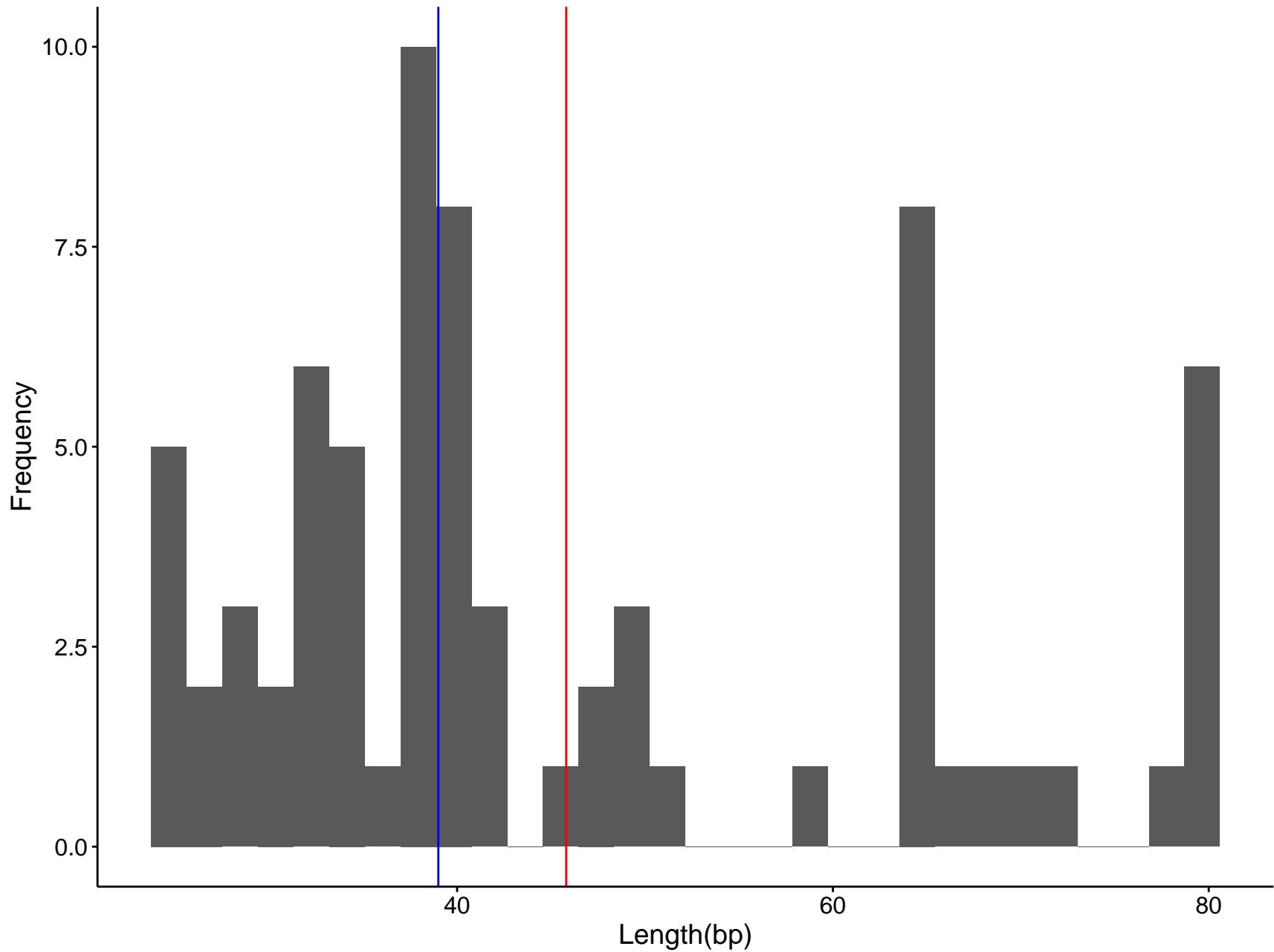
Cluster645



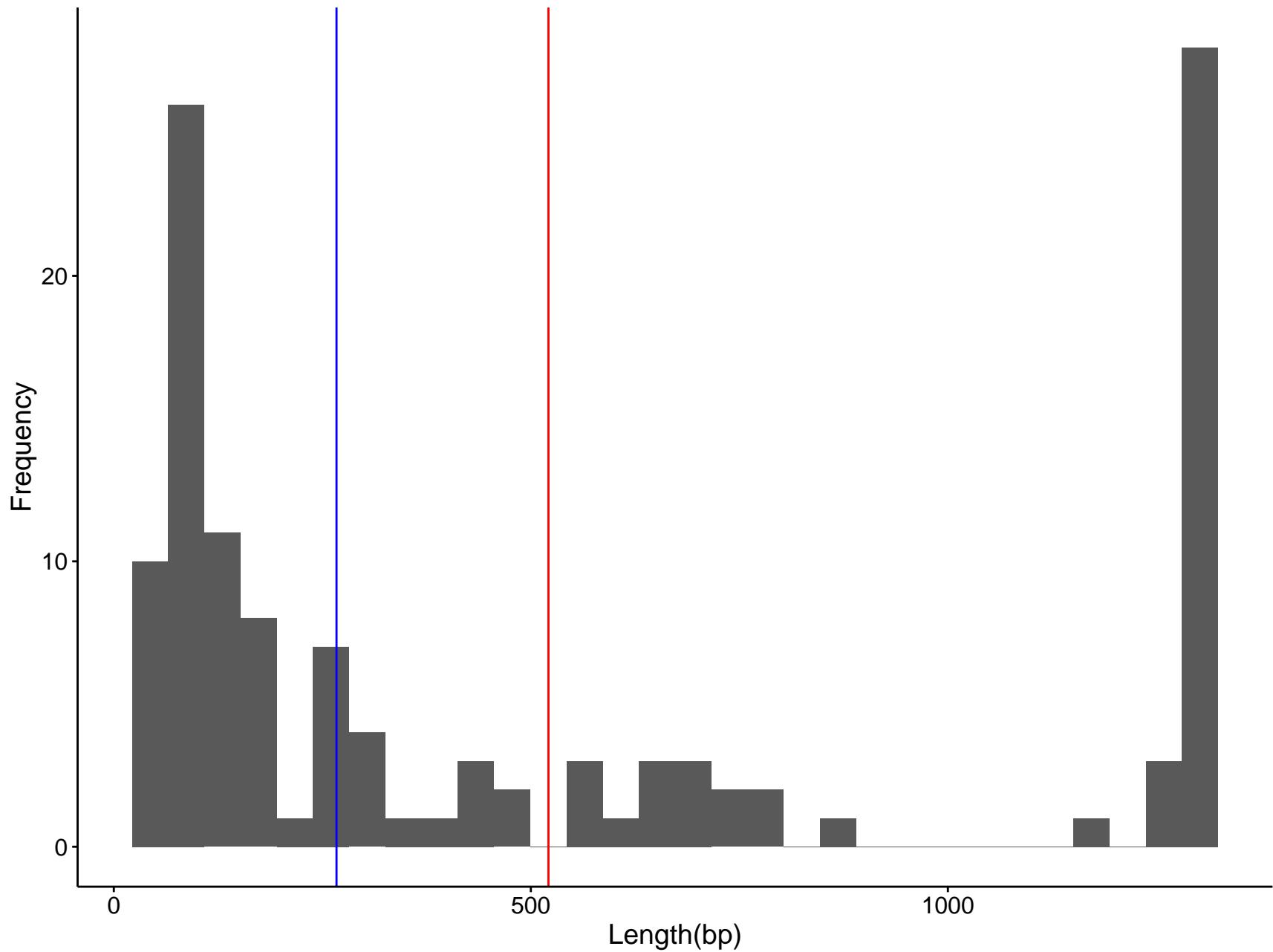
Cluster647



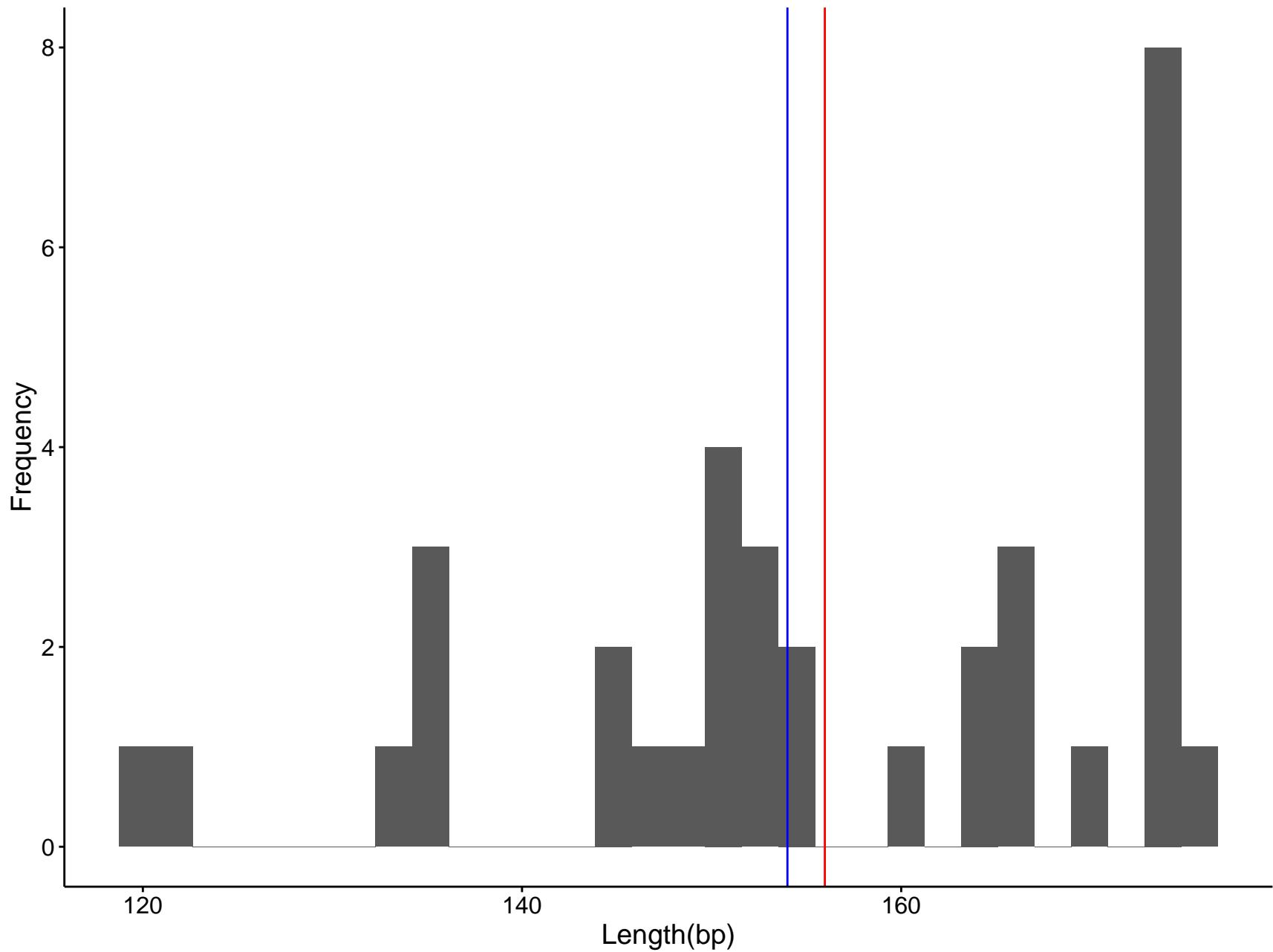
Cluster648



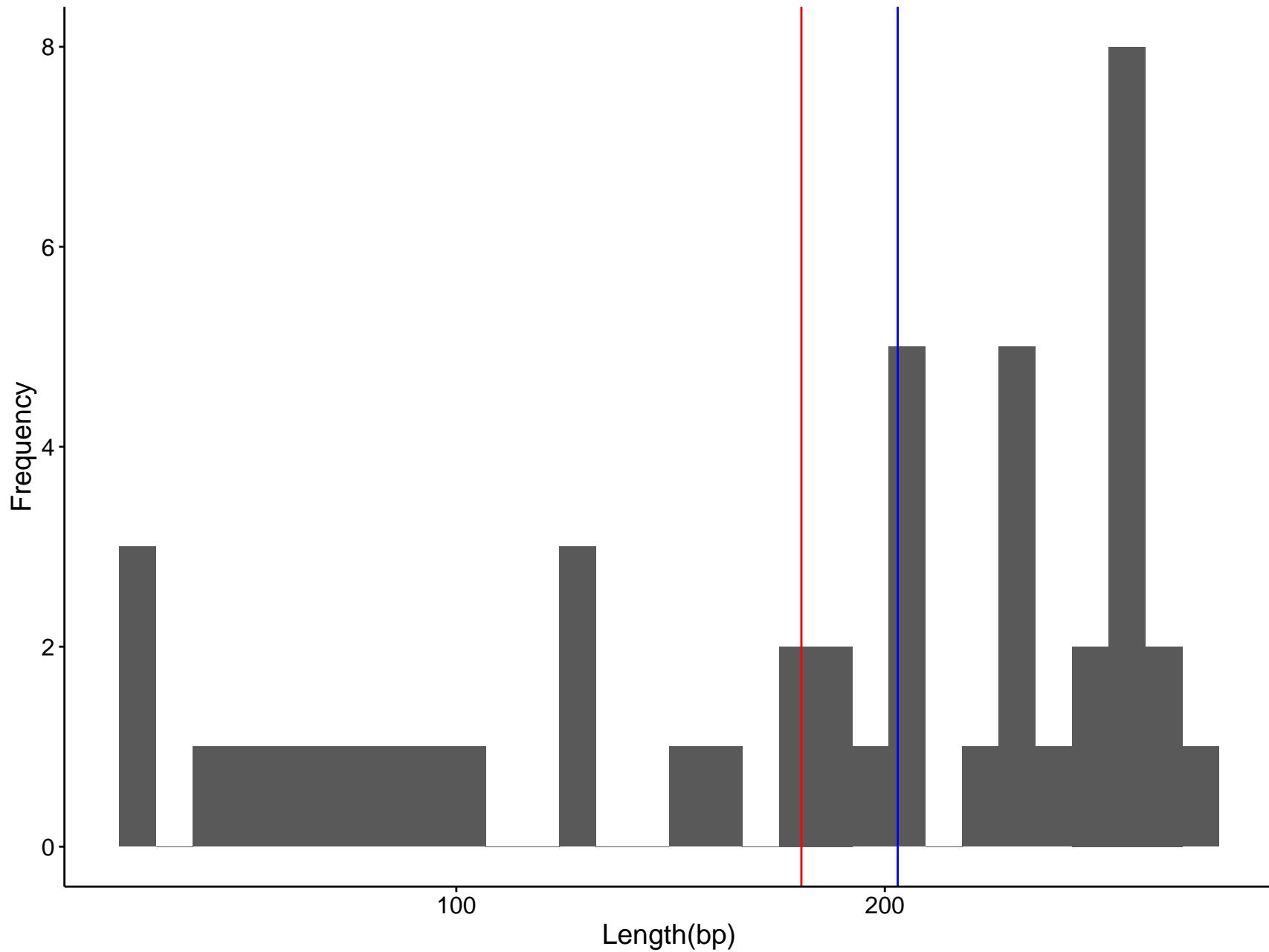
Cluster649



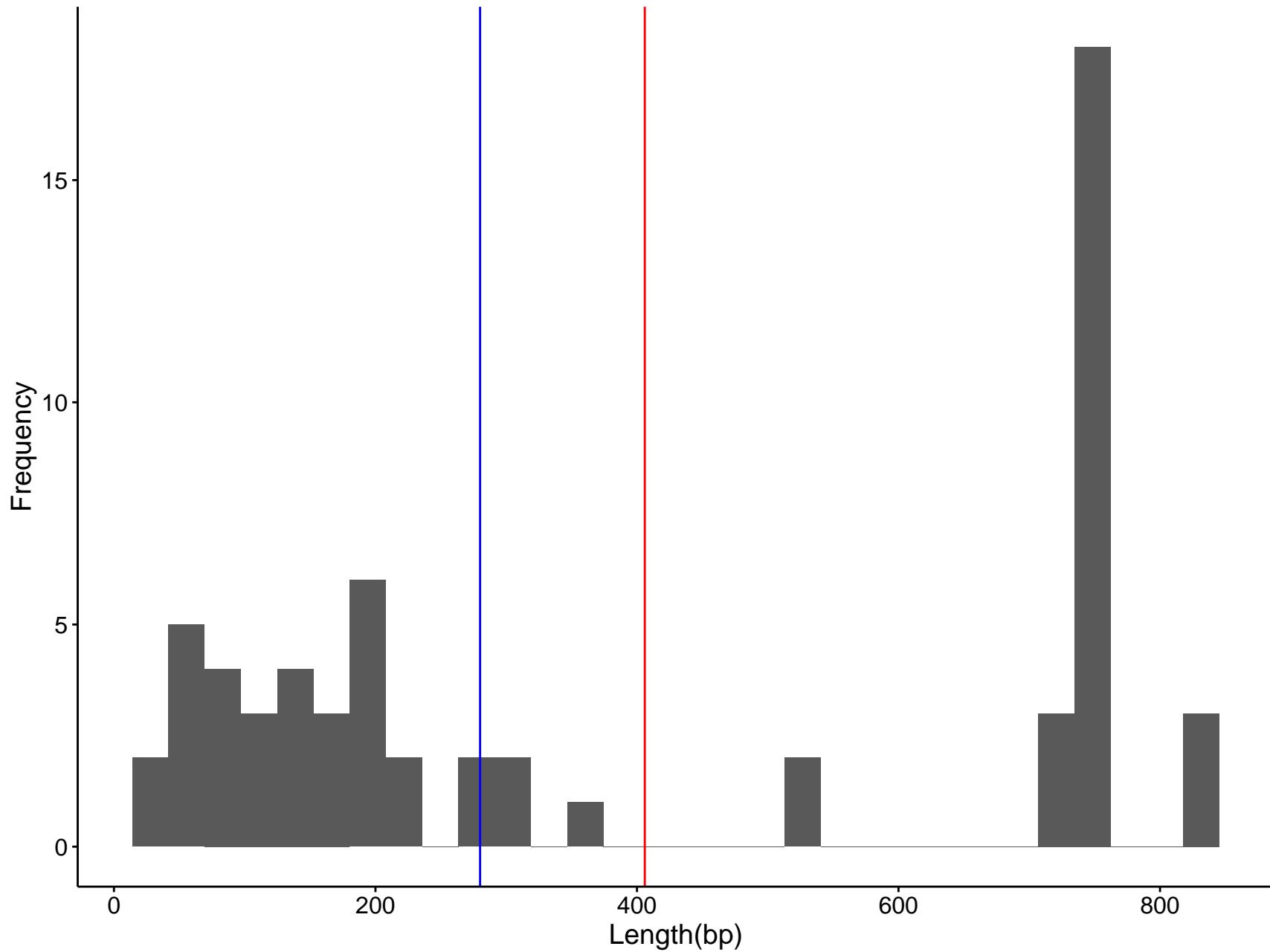
Cluster64



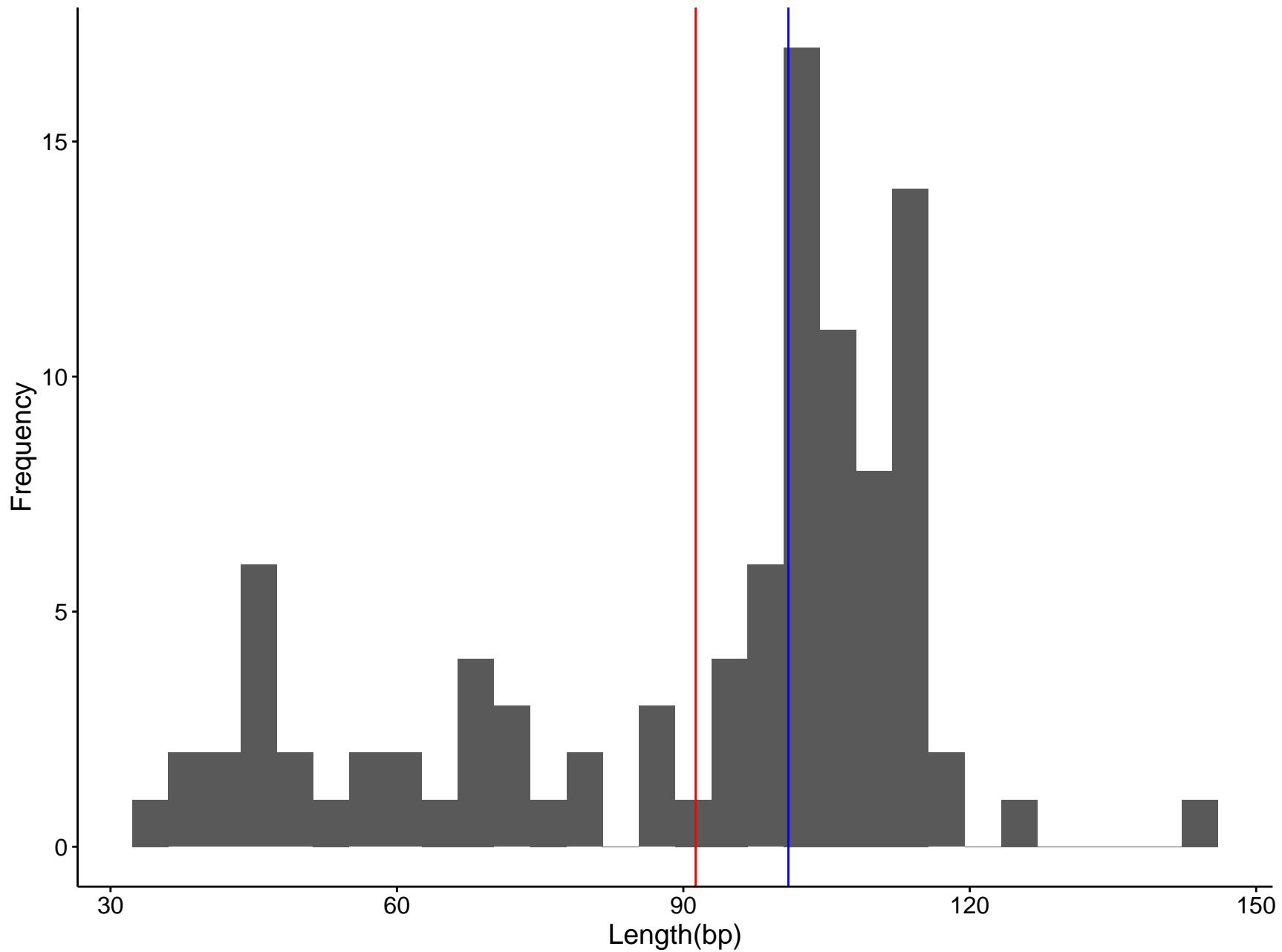
Cluster650



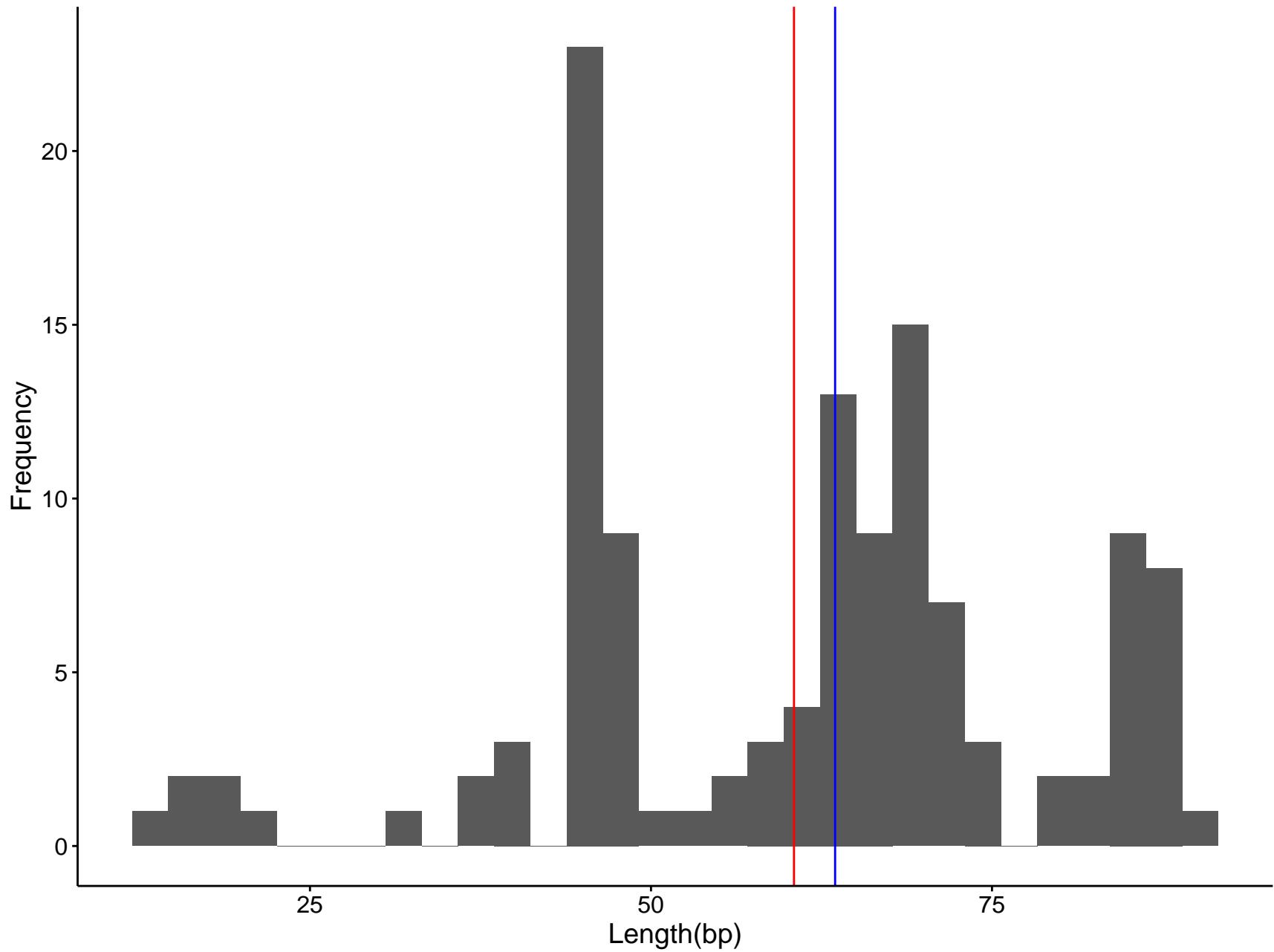
Cluster652



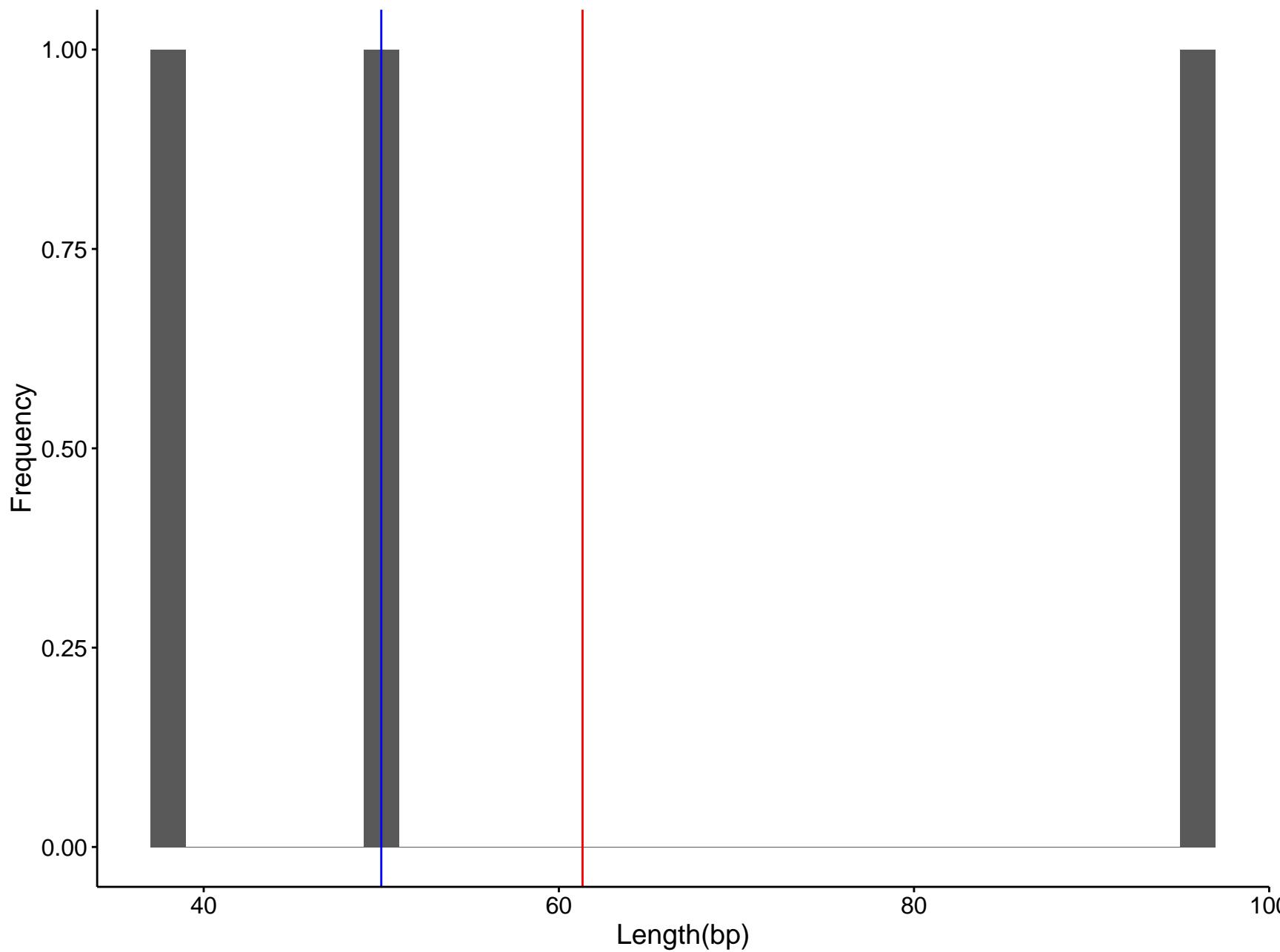
Cluster655



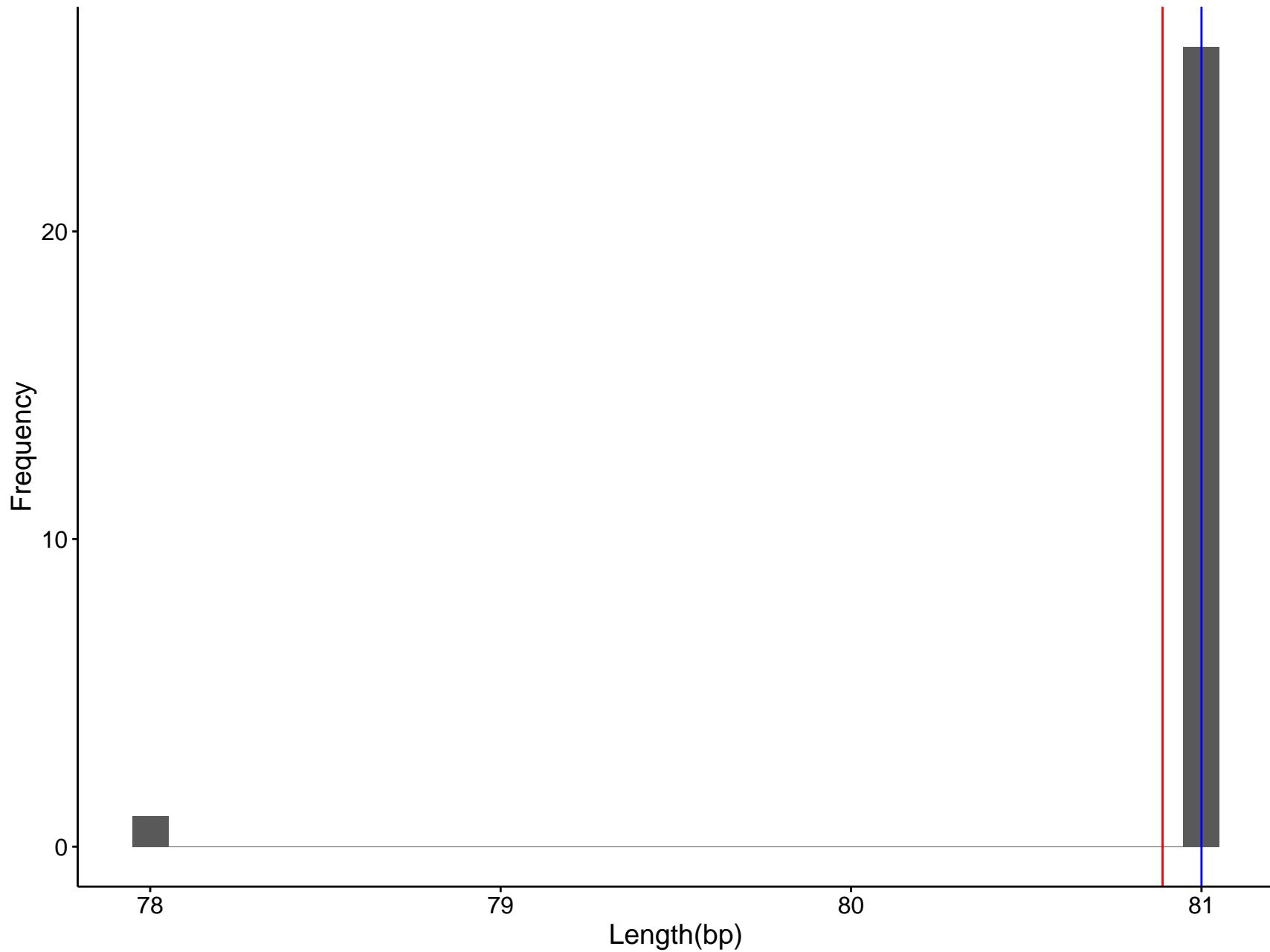
Cluster657



Cluster659



Cluster660



Cluster662

Frequency

53.950

53.975

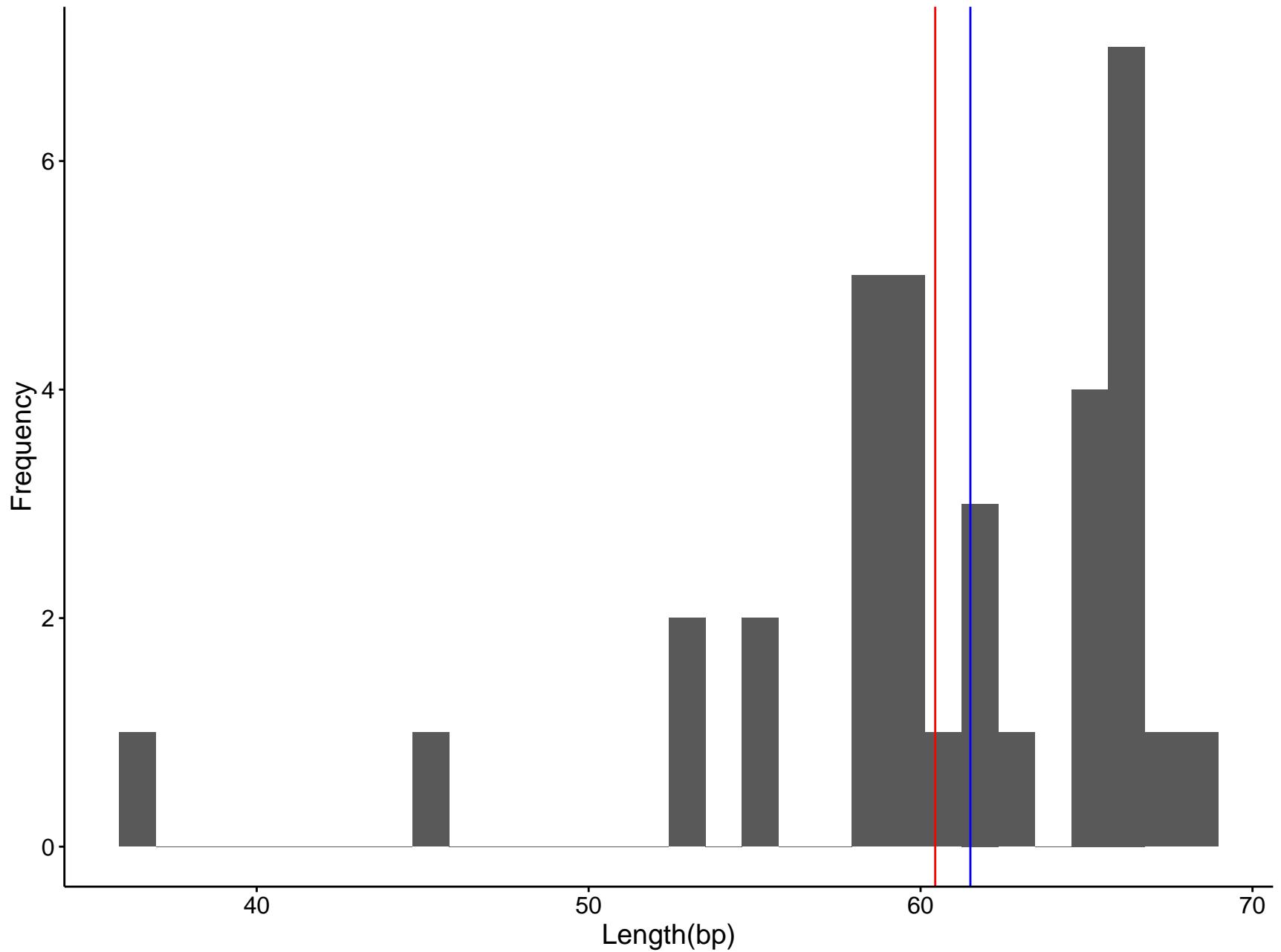
54.000

54.025

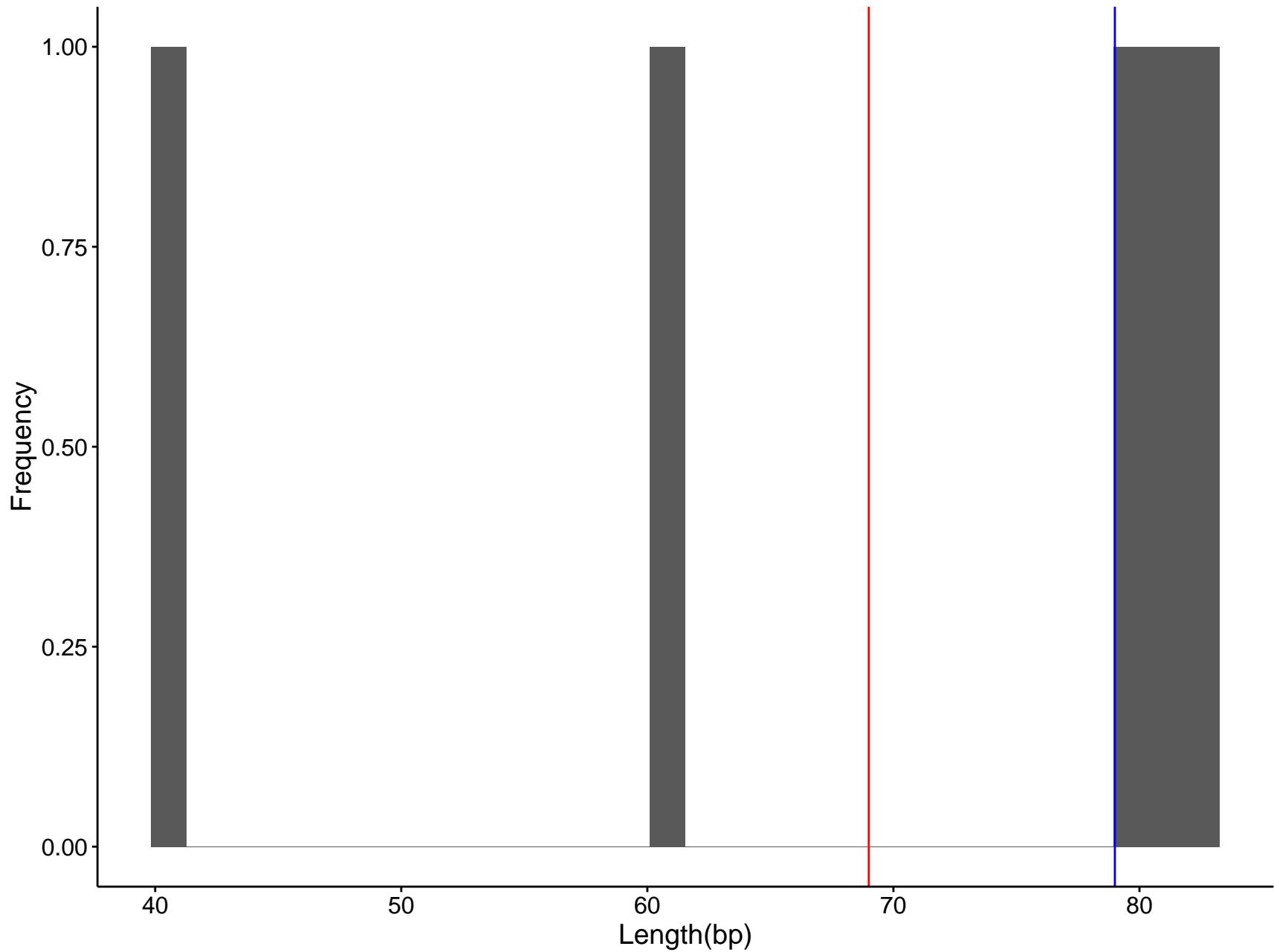
Length(bp)



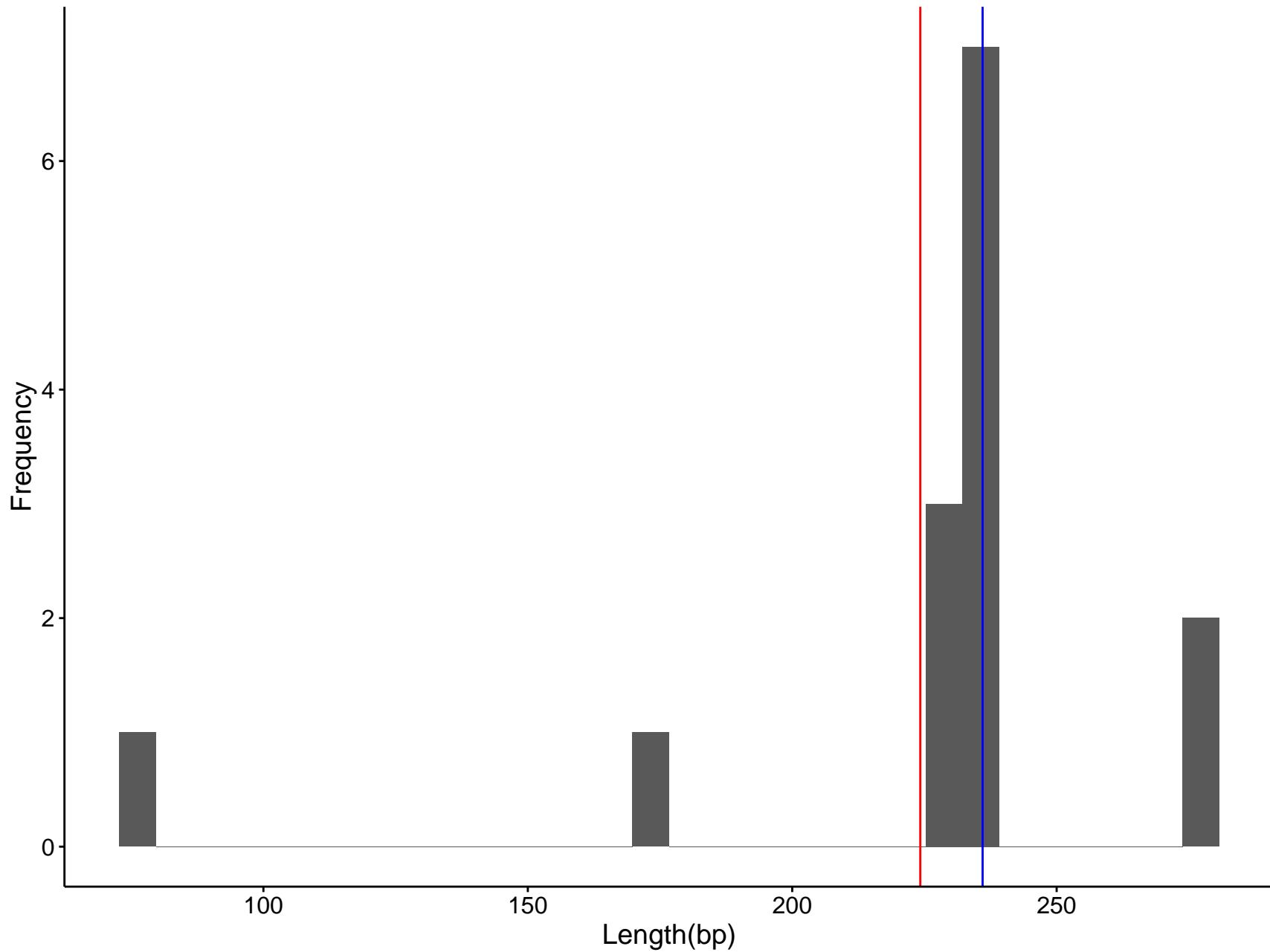
Cluster664



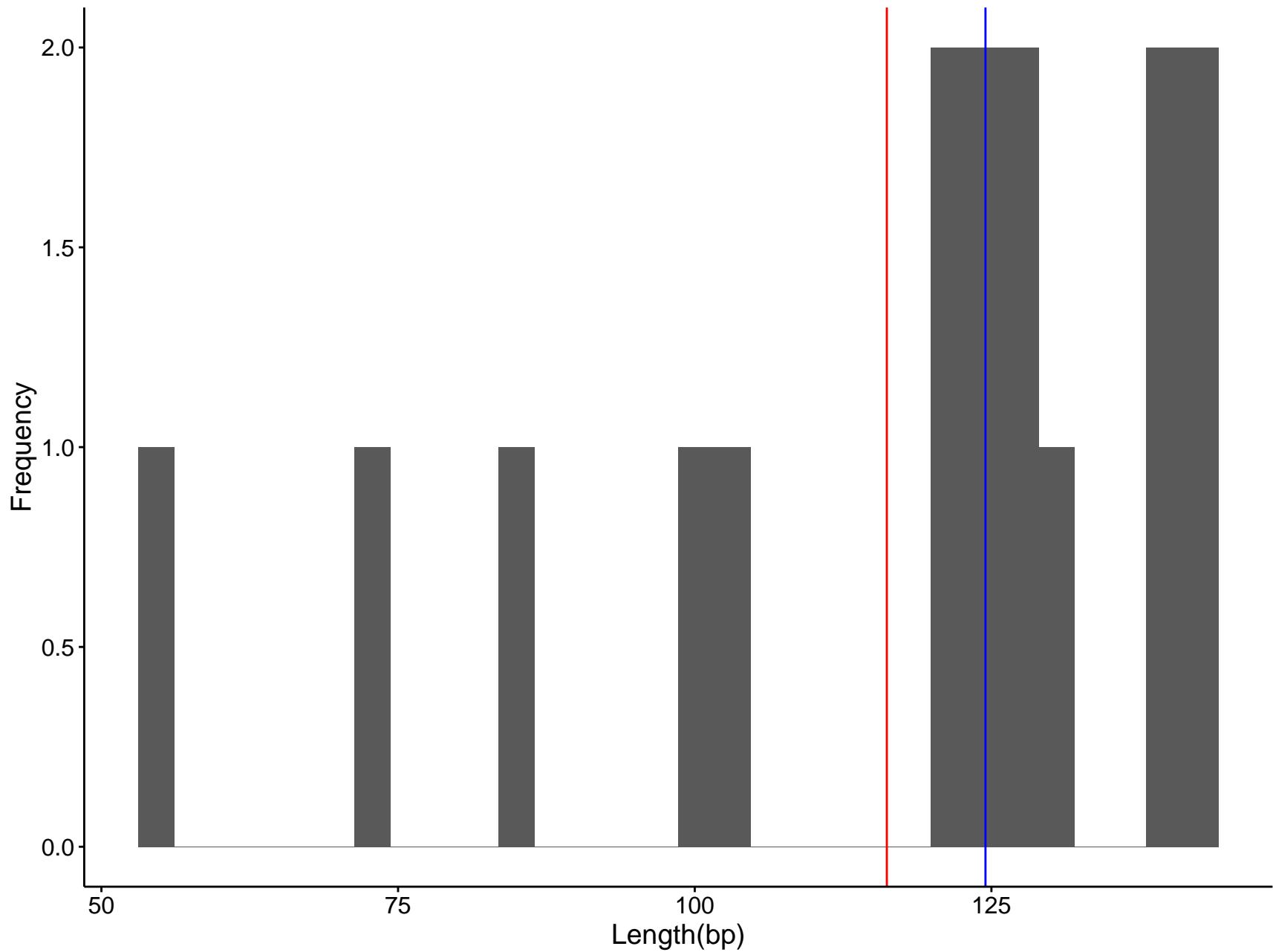
Cluster666



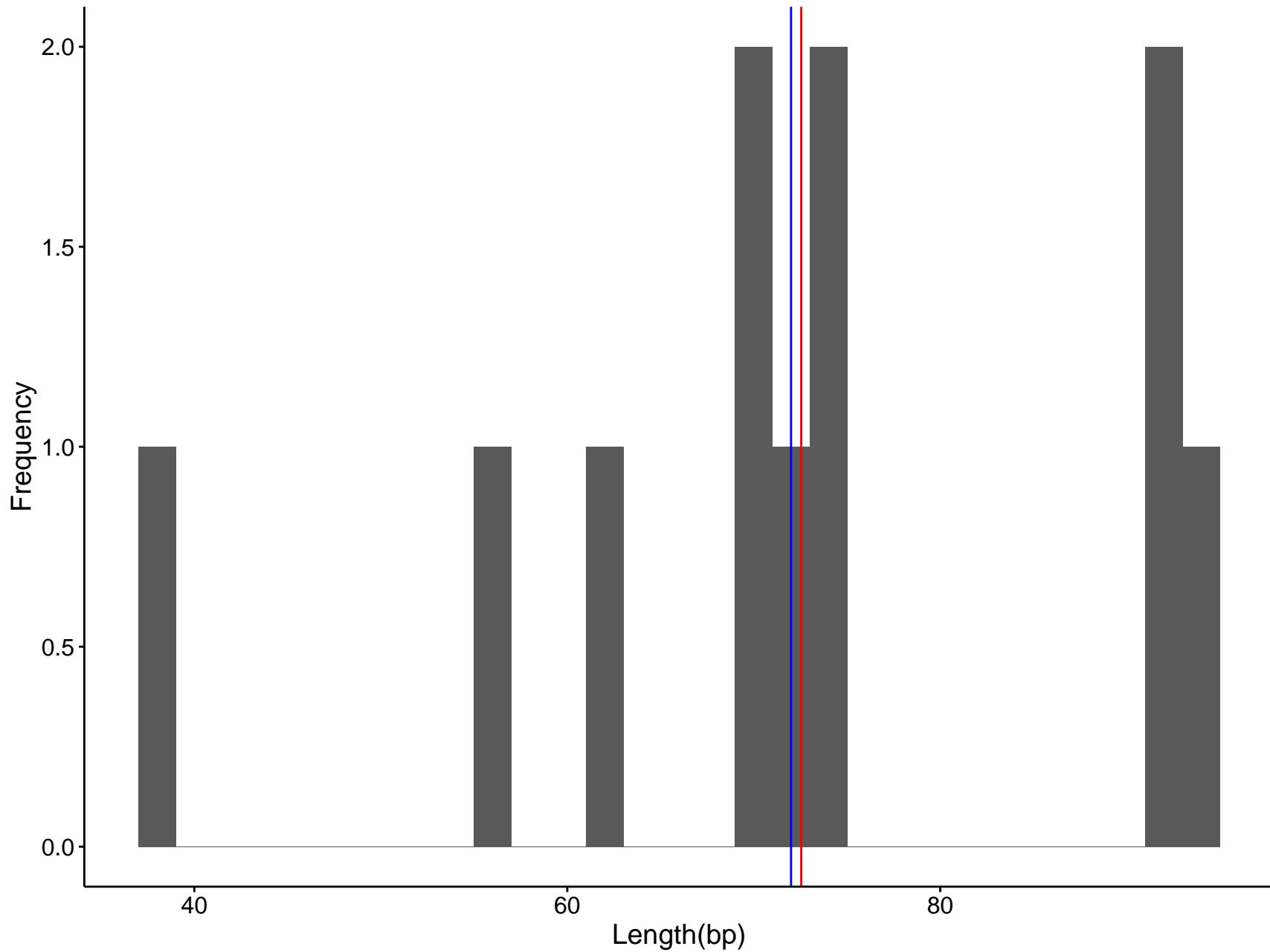
Cluster667



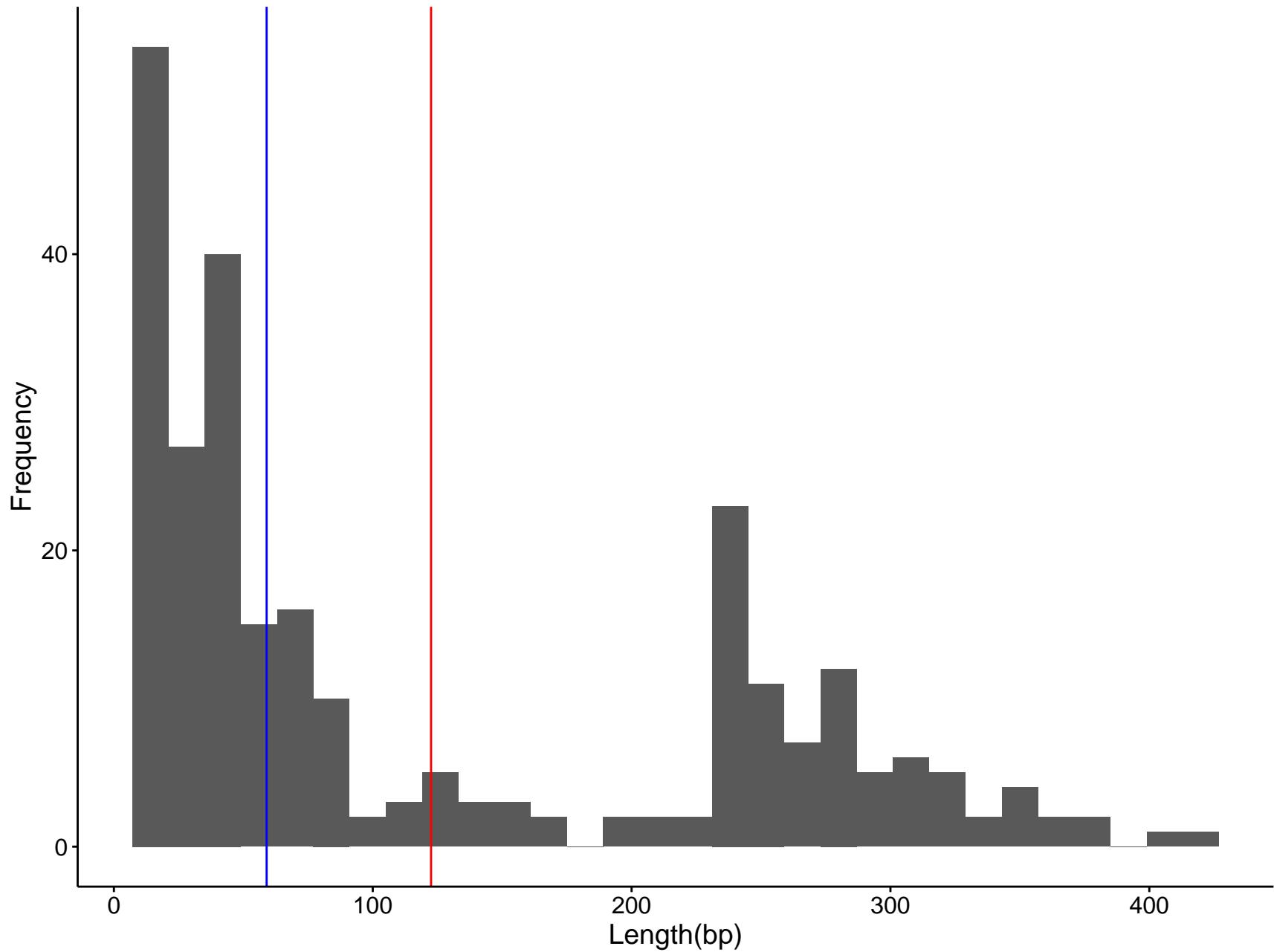
Cluster669



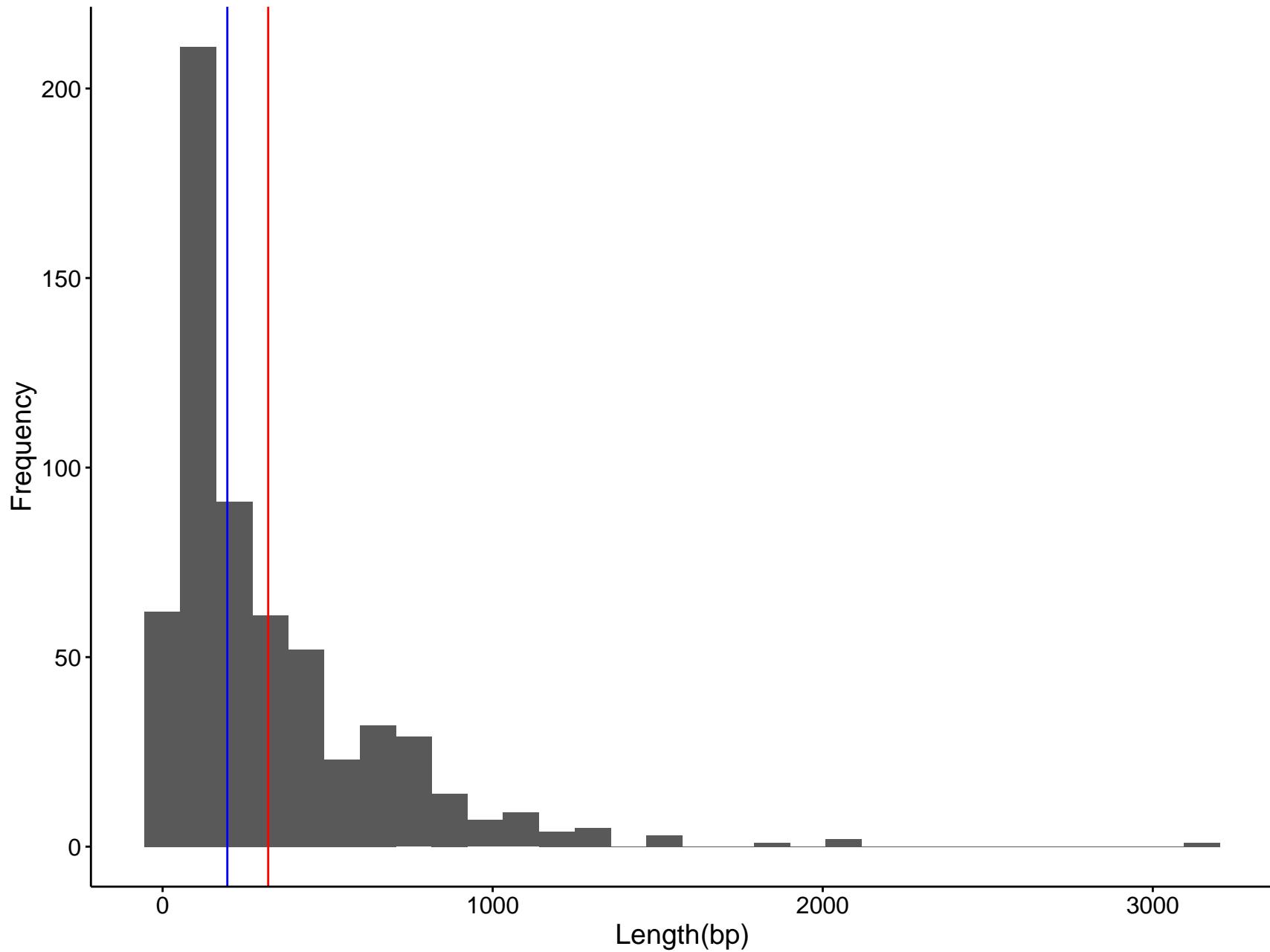
Cluster66



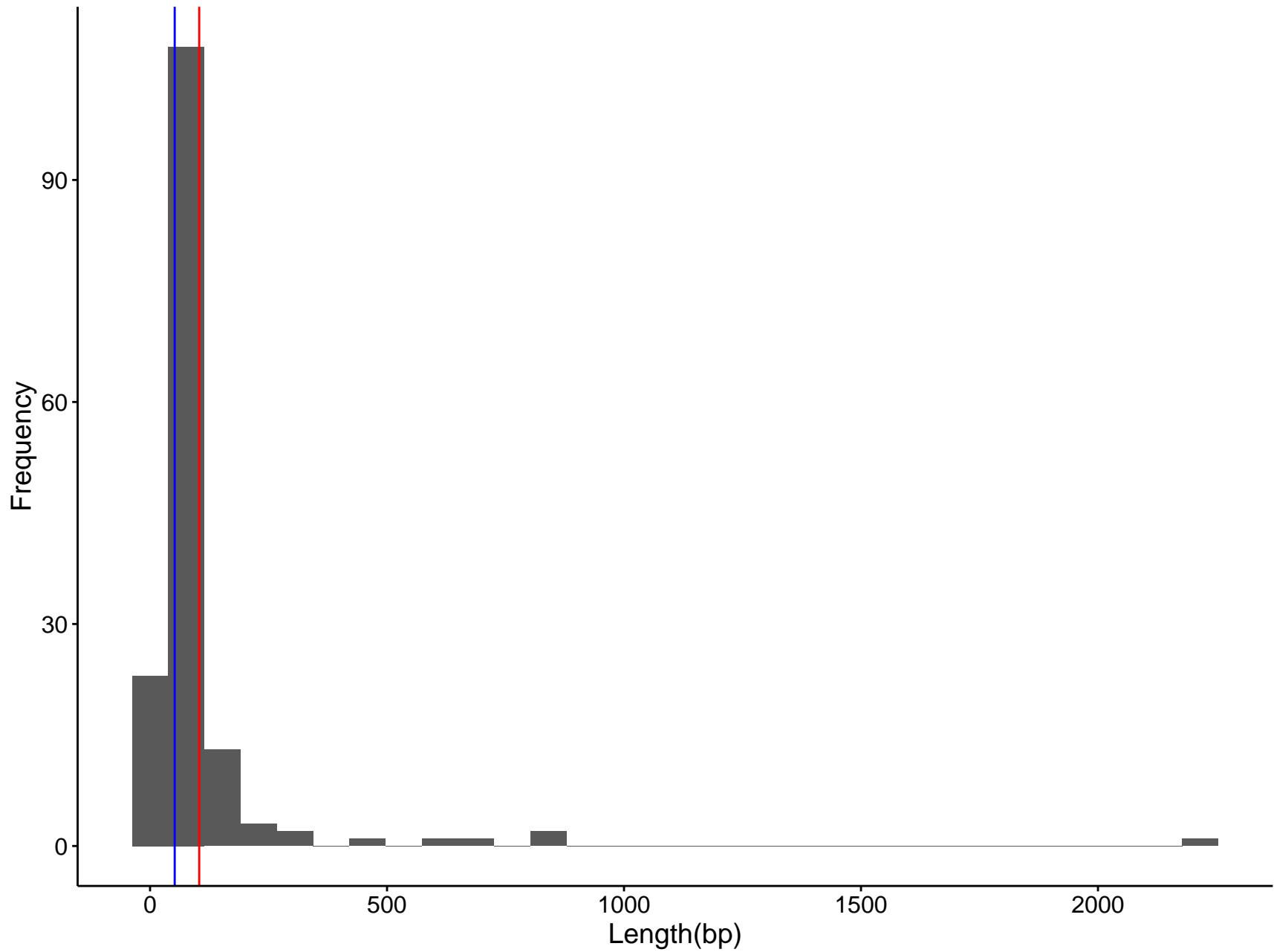
Cluster671



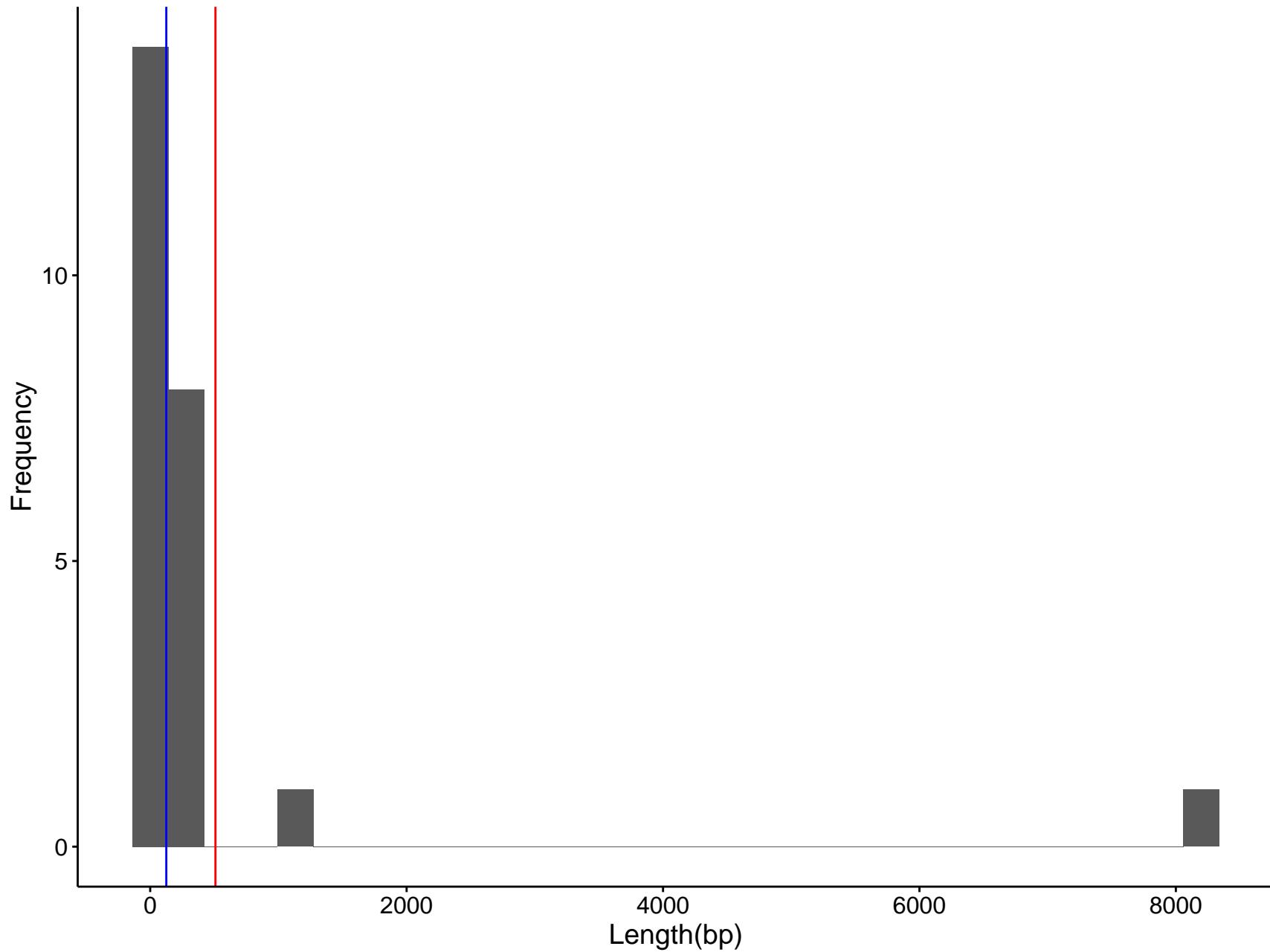
Cluster672



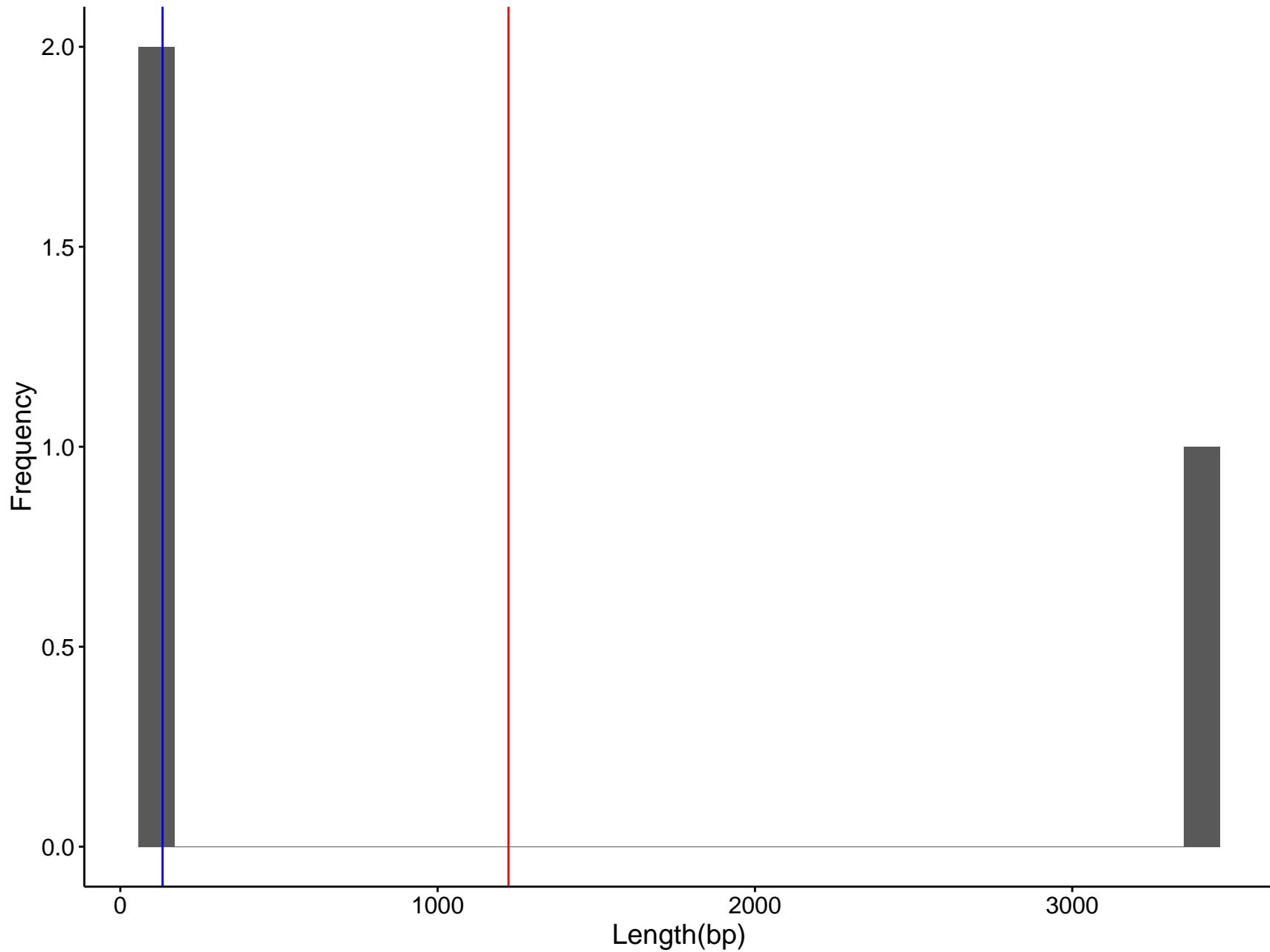
Cluster673



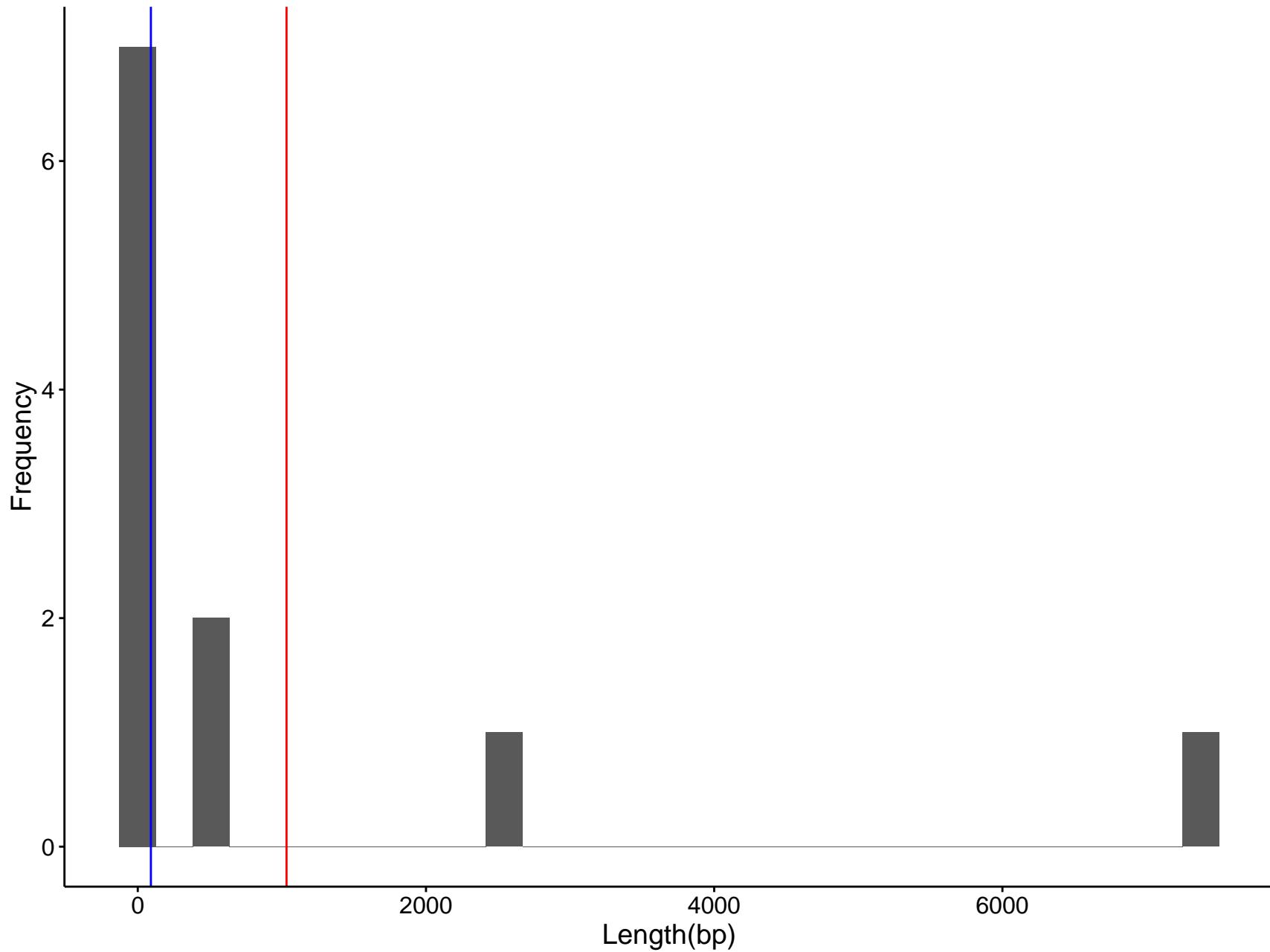
Cluster674



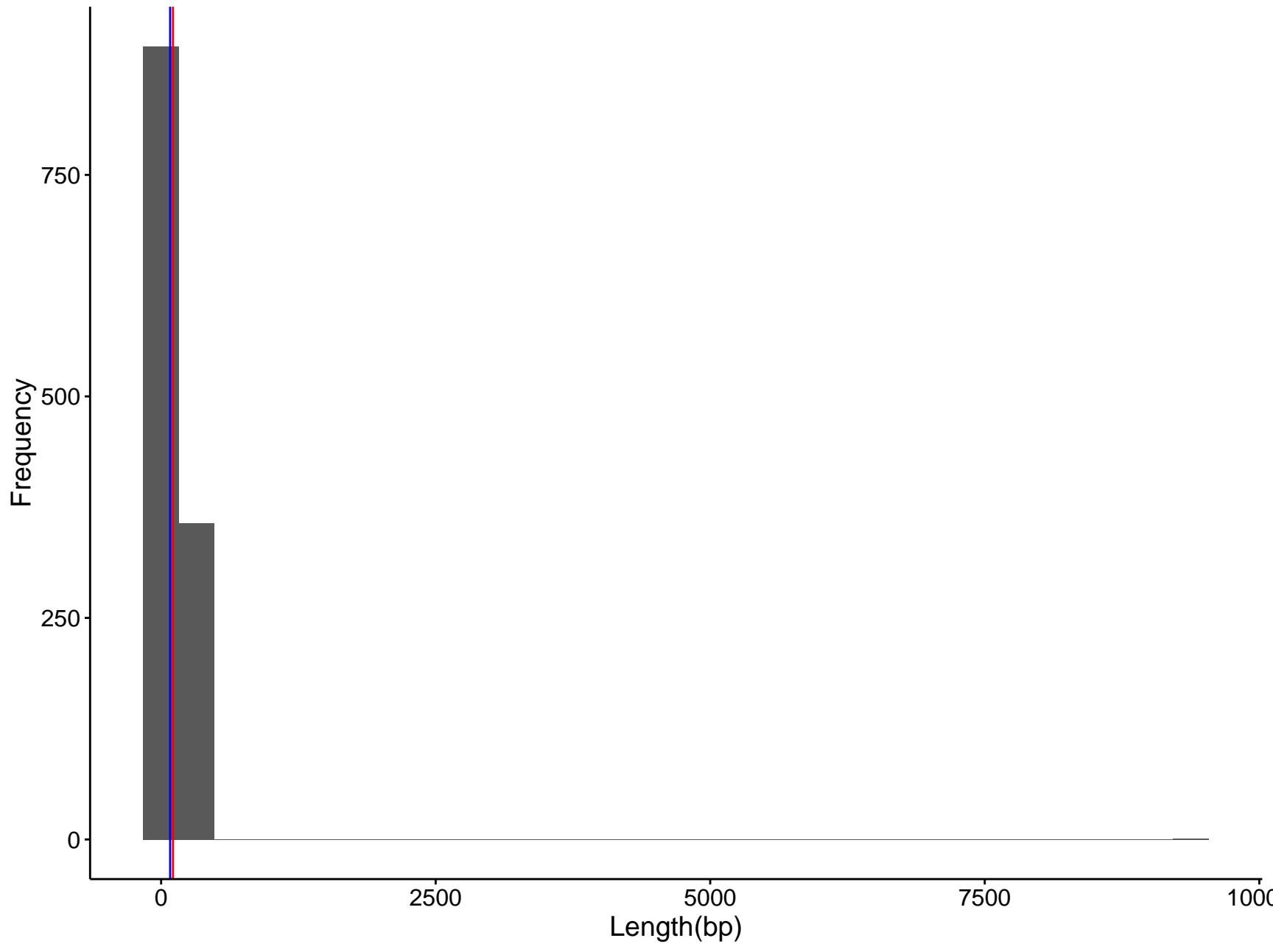
Cluster675



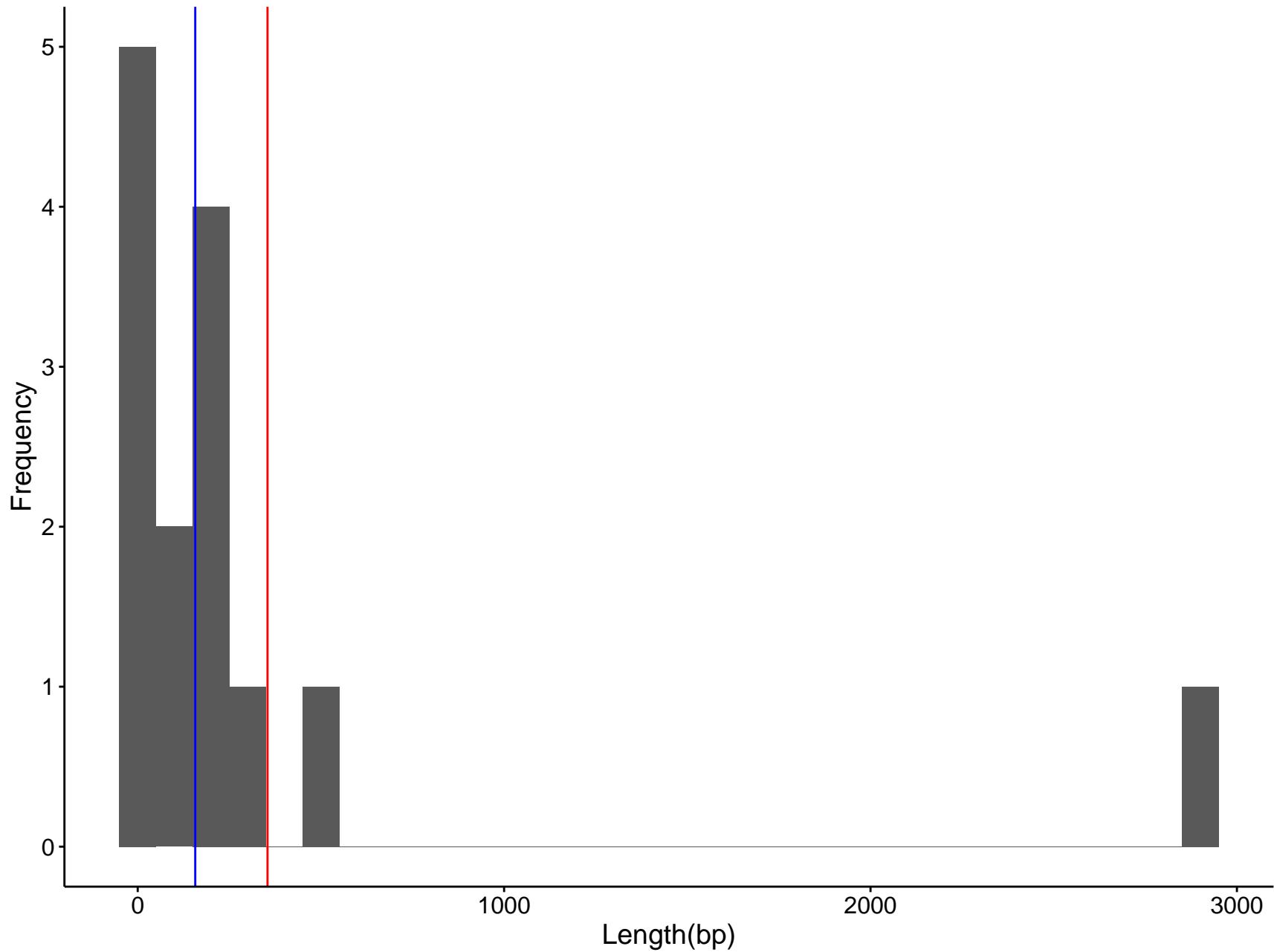
Cluster676



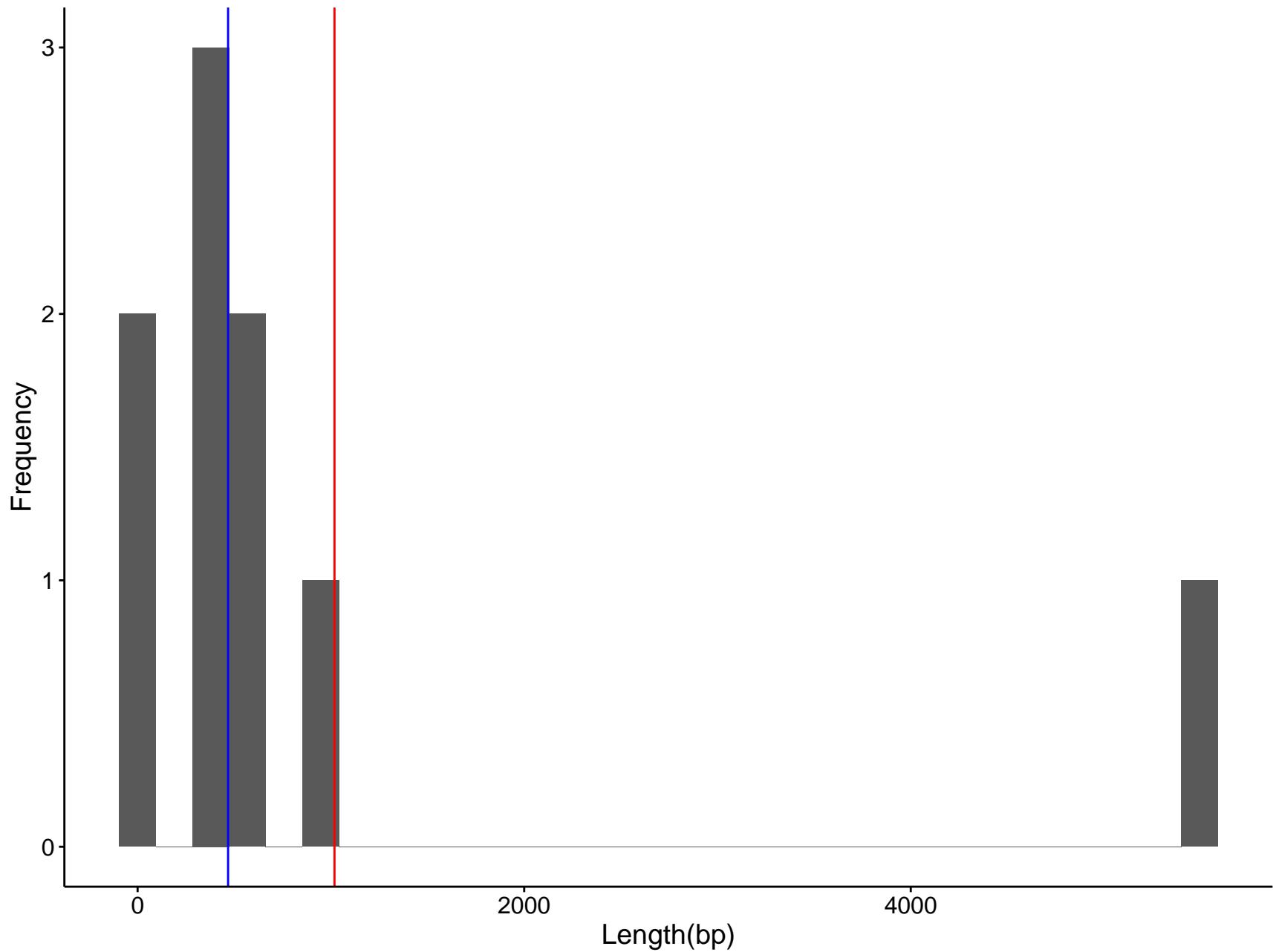
Cluster677



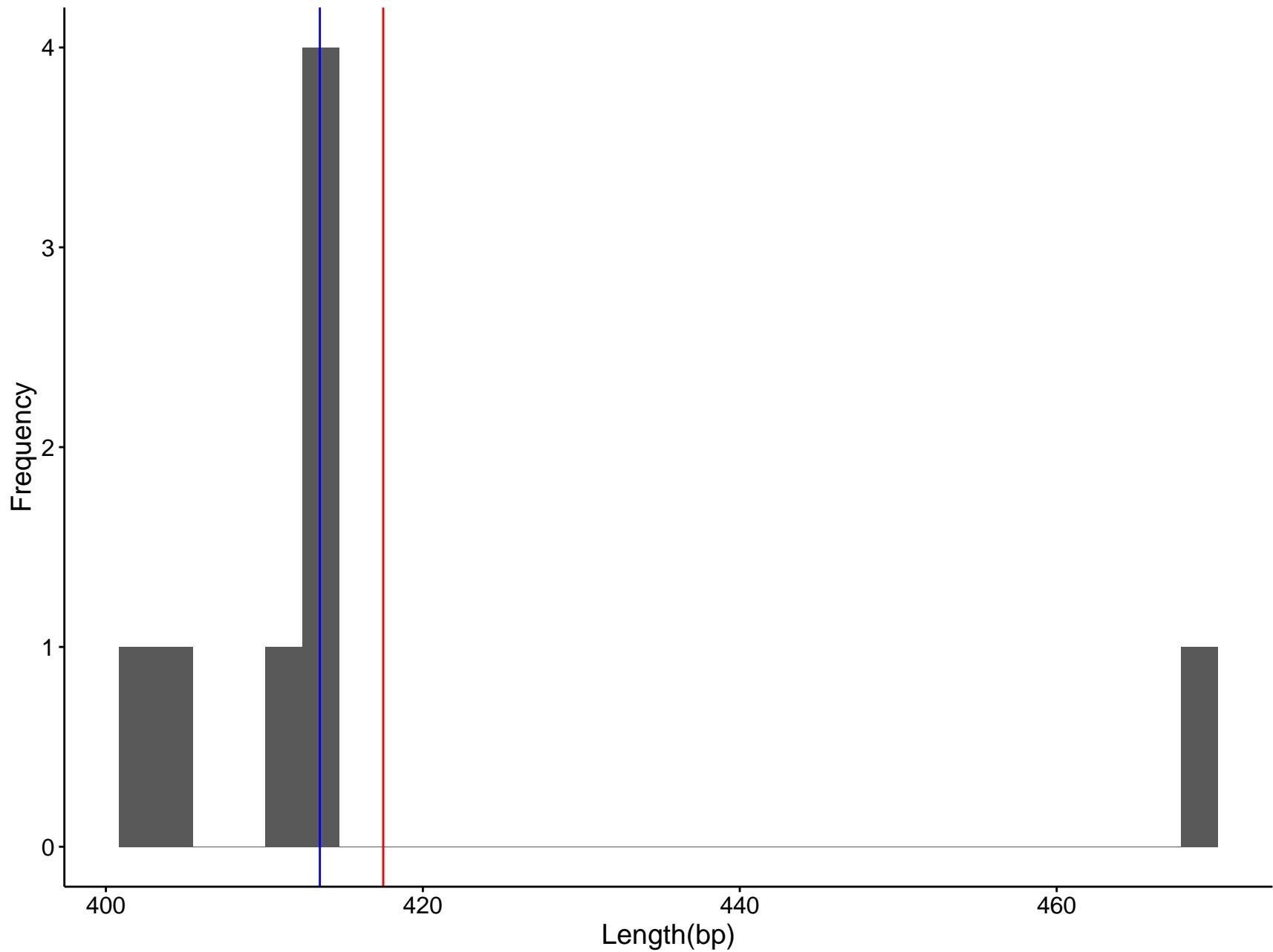
Cluster678



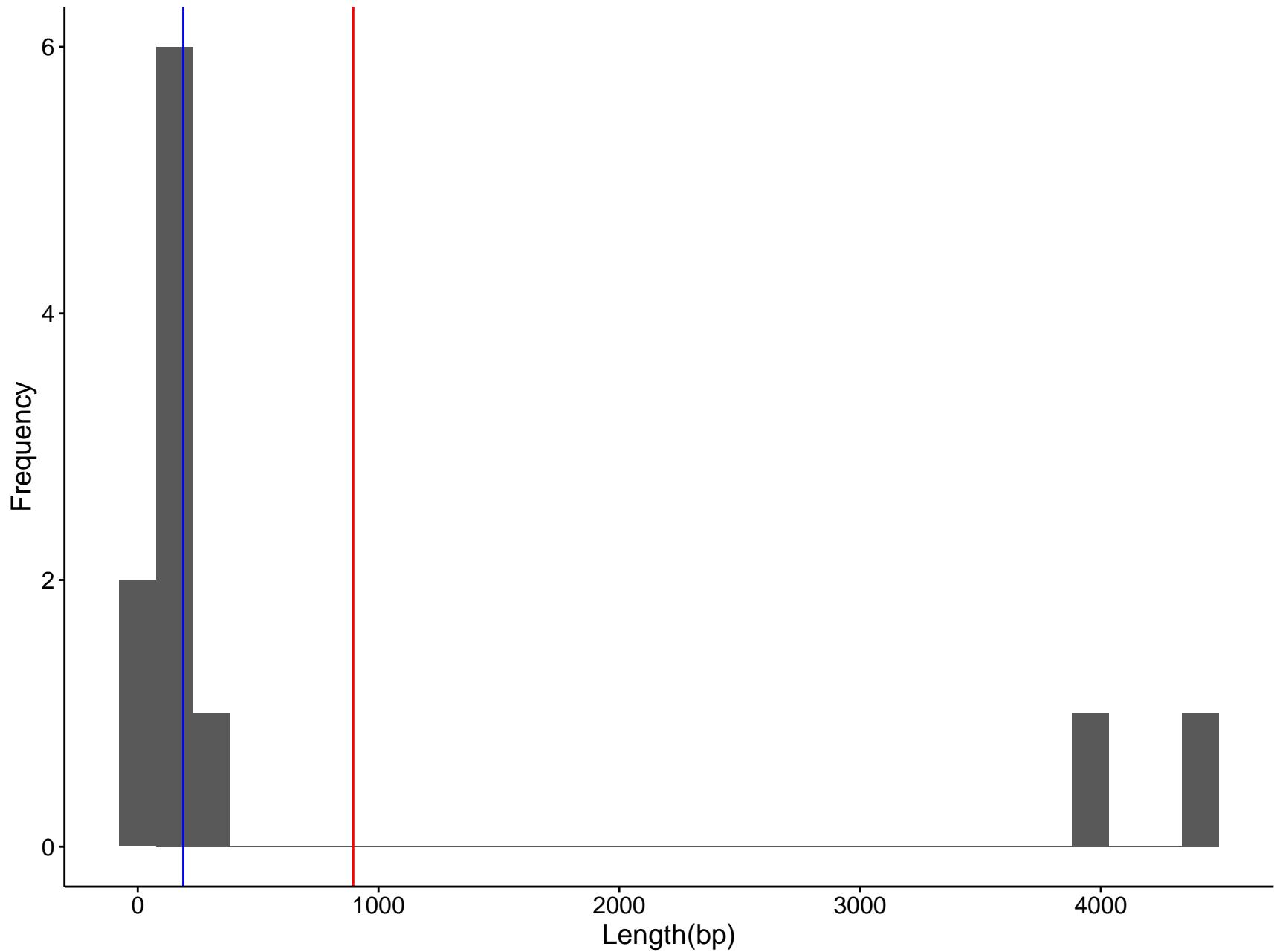
Cluster679



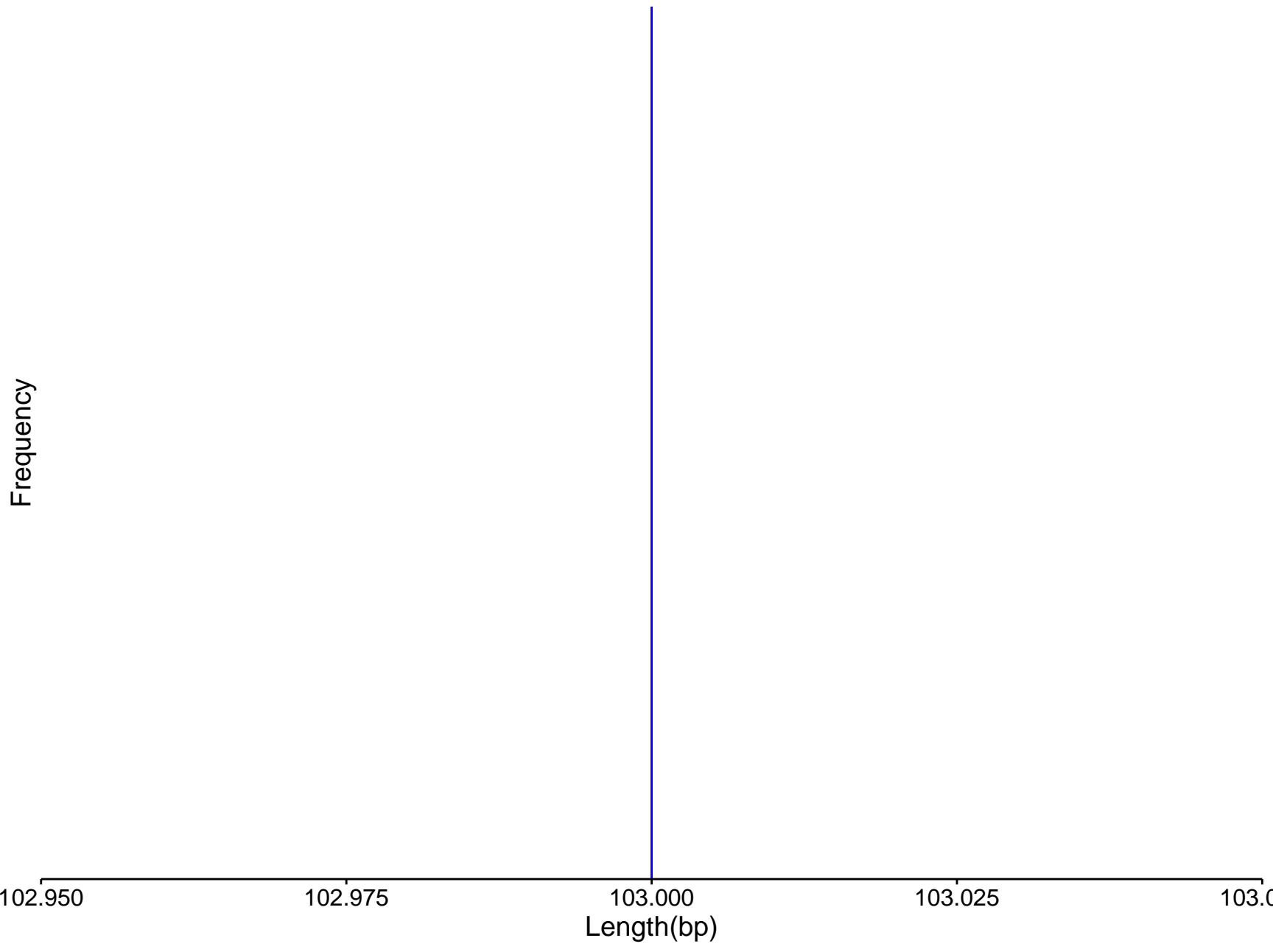
Cluster67



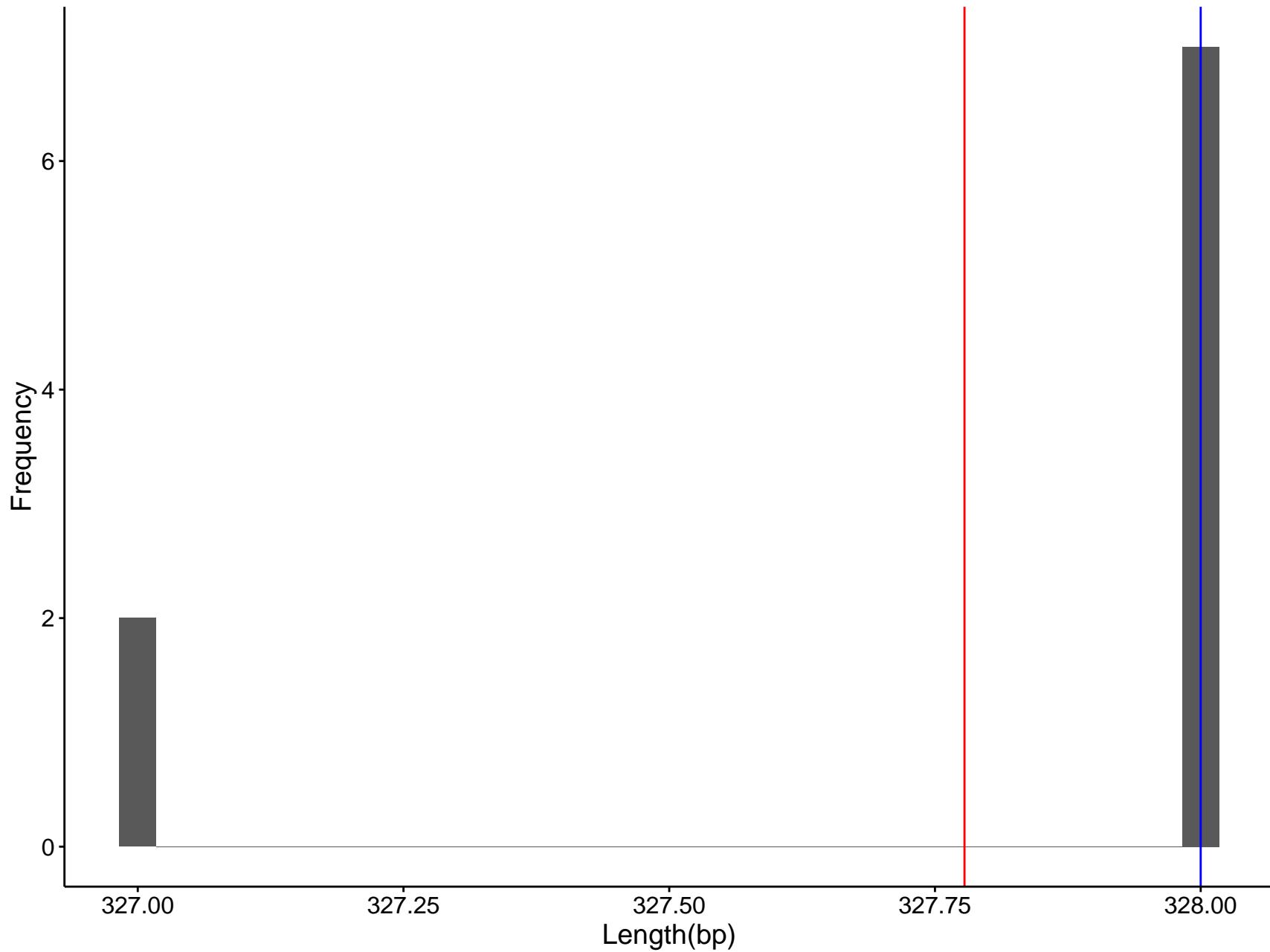
Cluster681



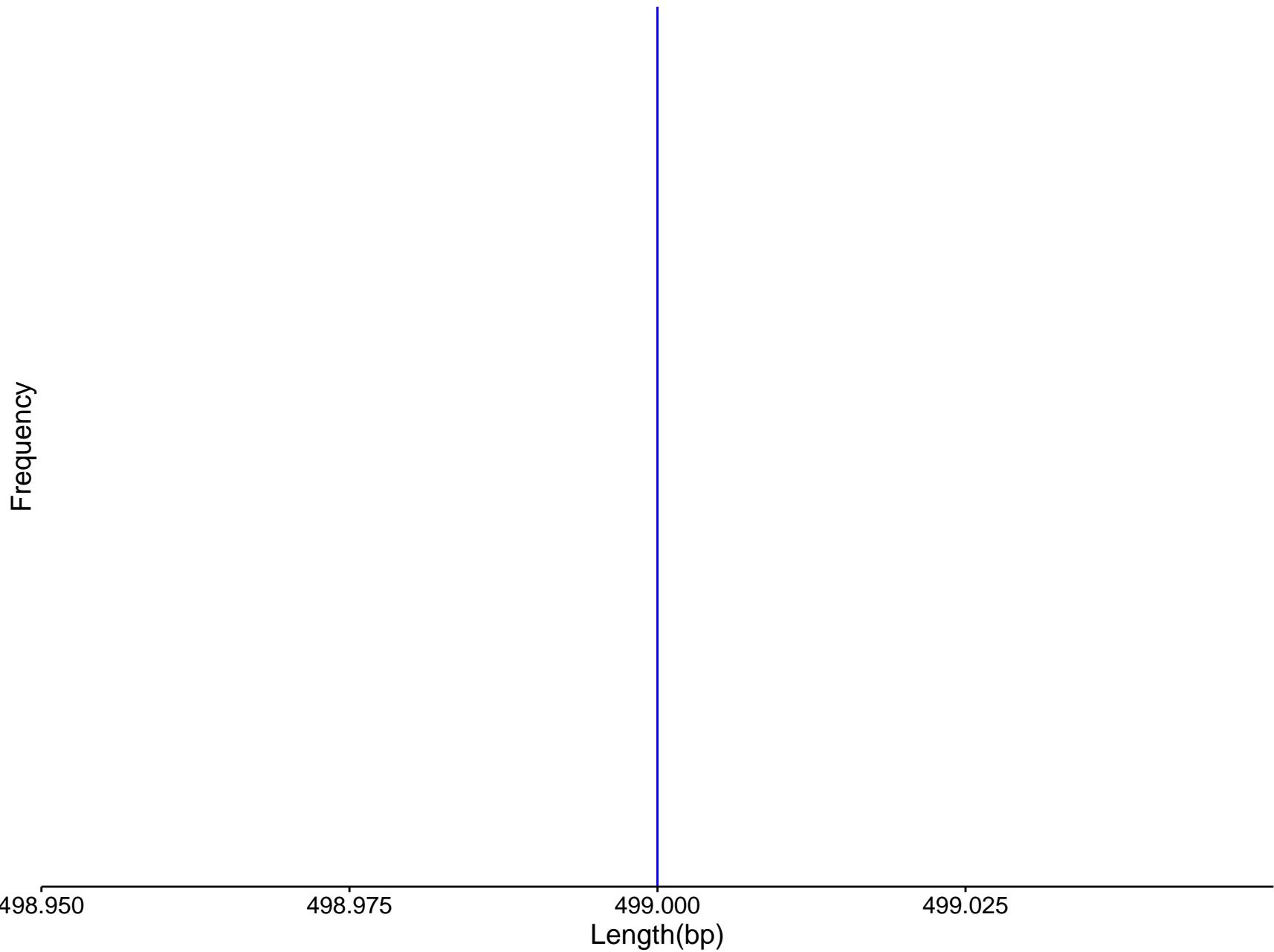
Cluster682



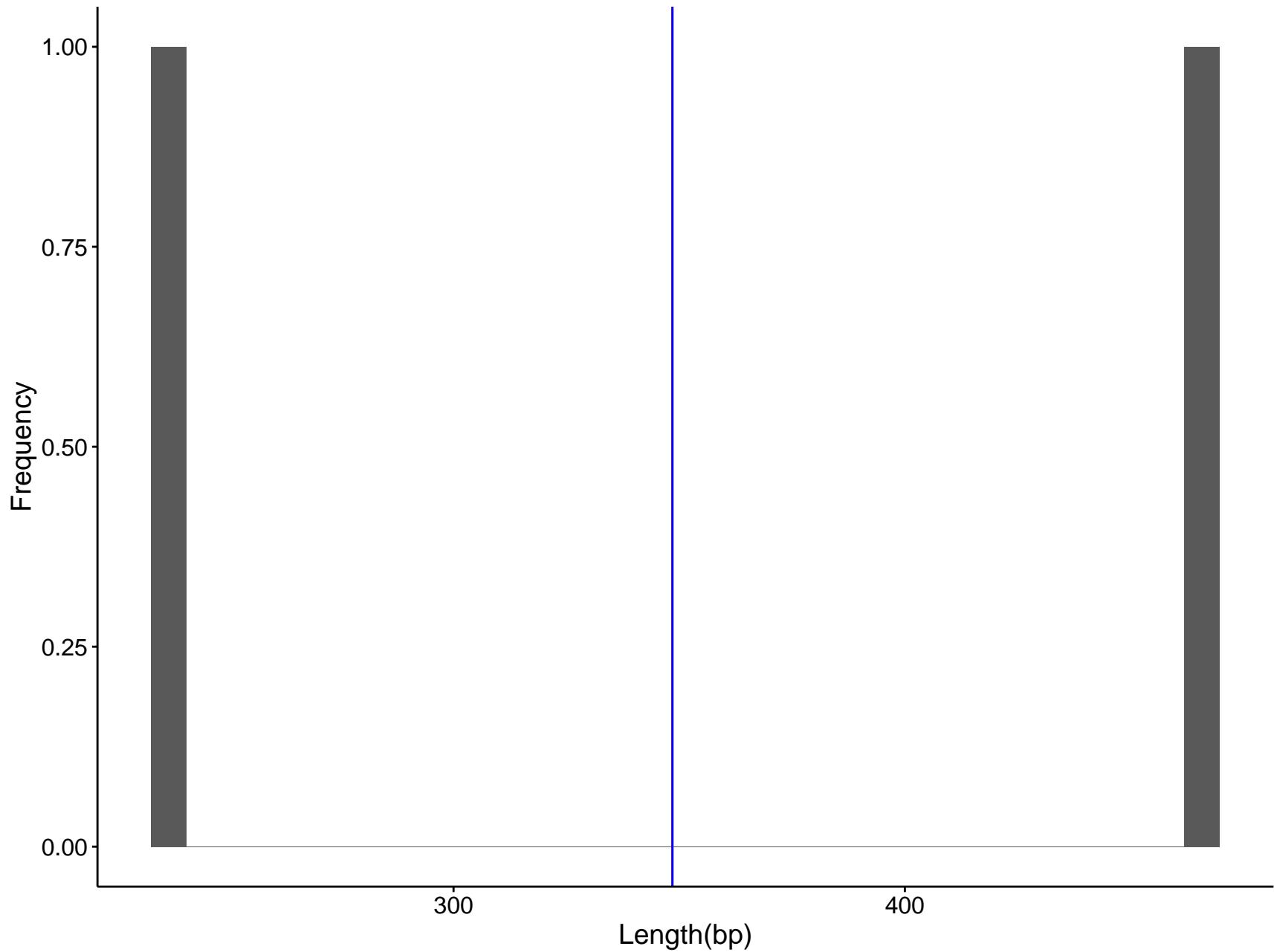
Cluster683



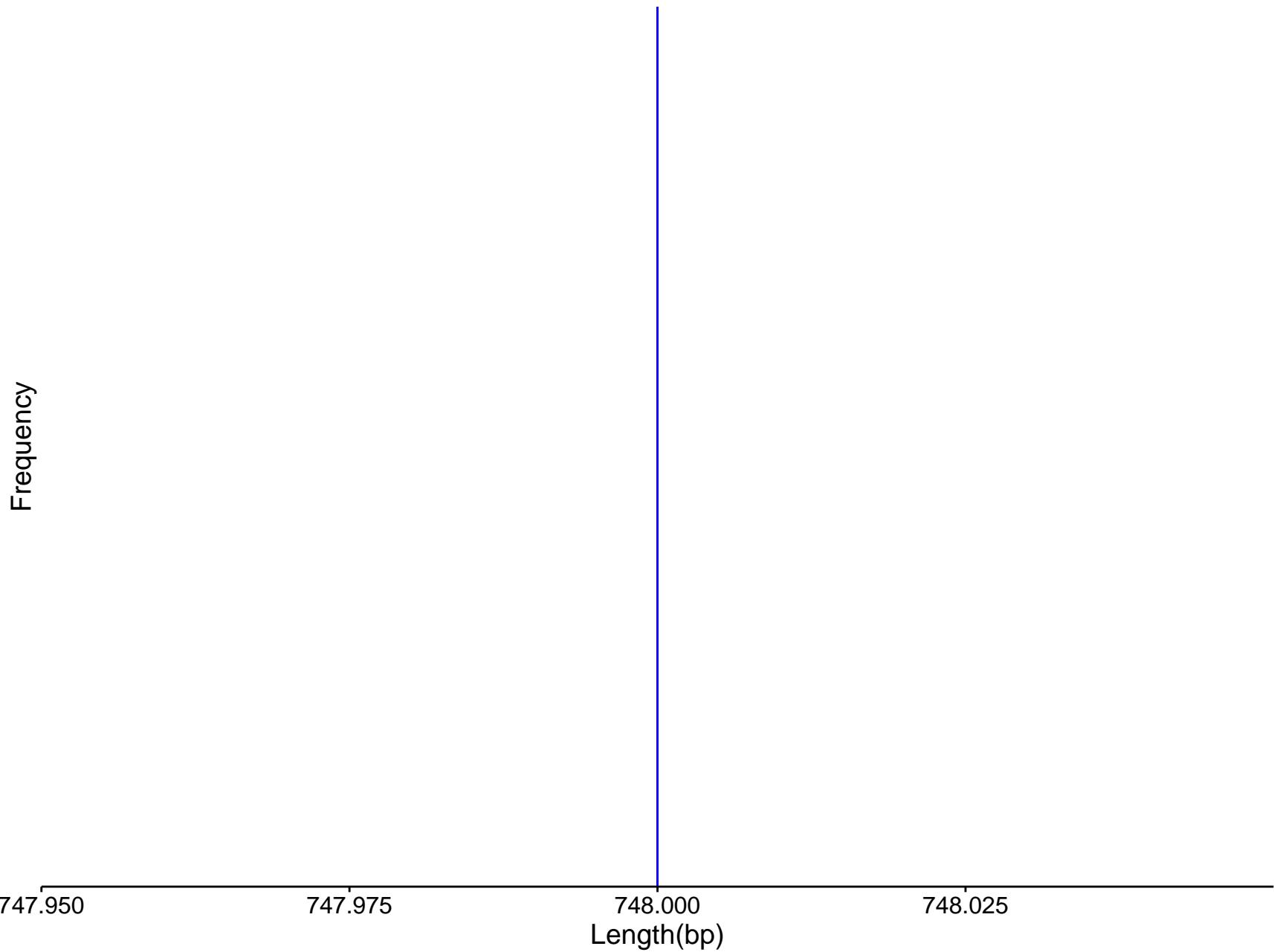
Cluster684



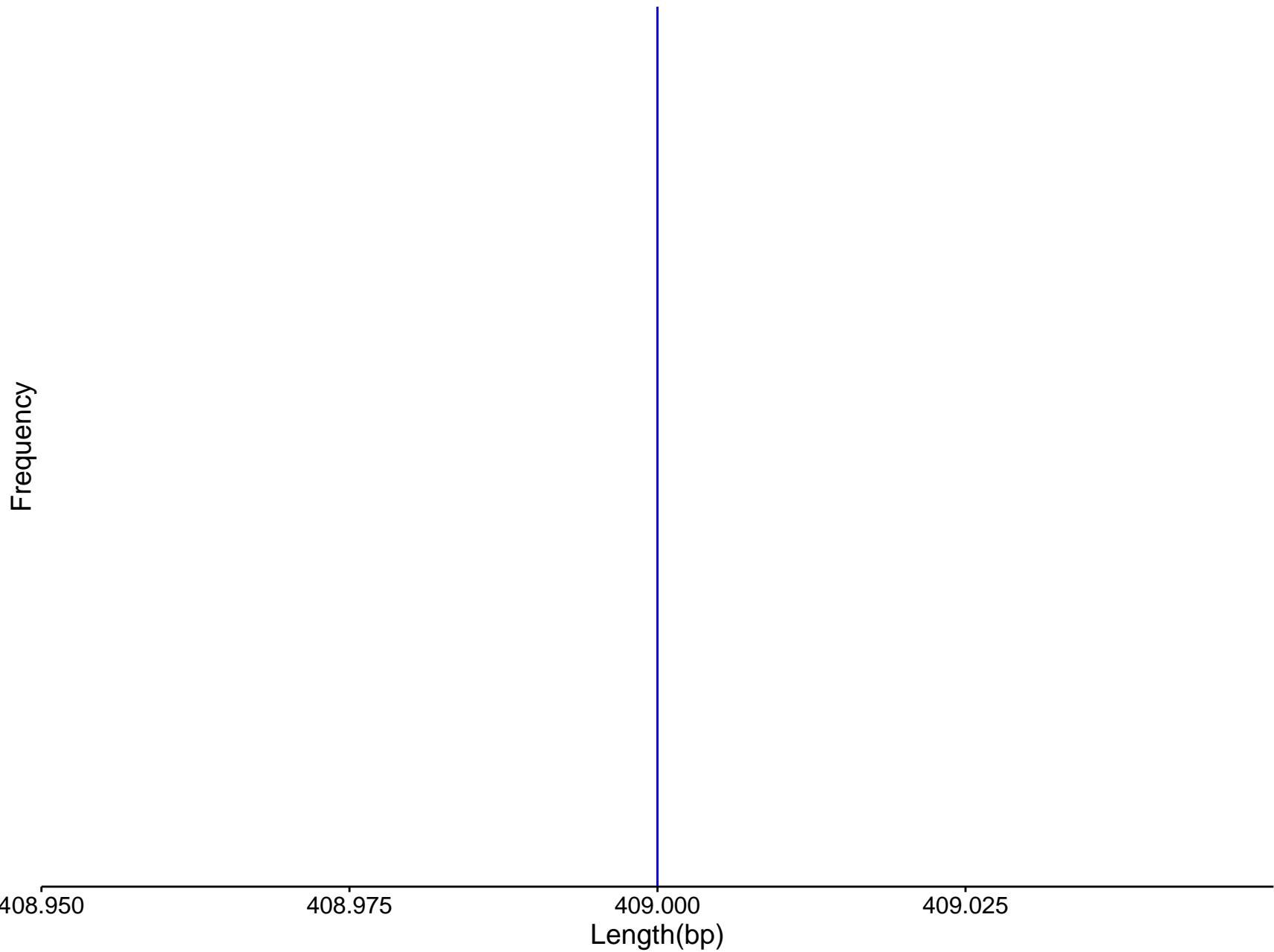
Cluster686



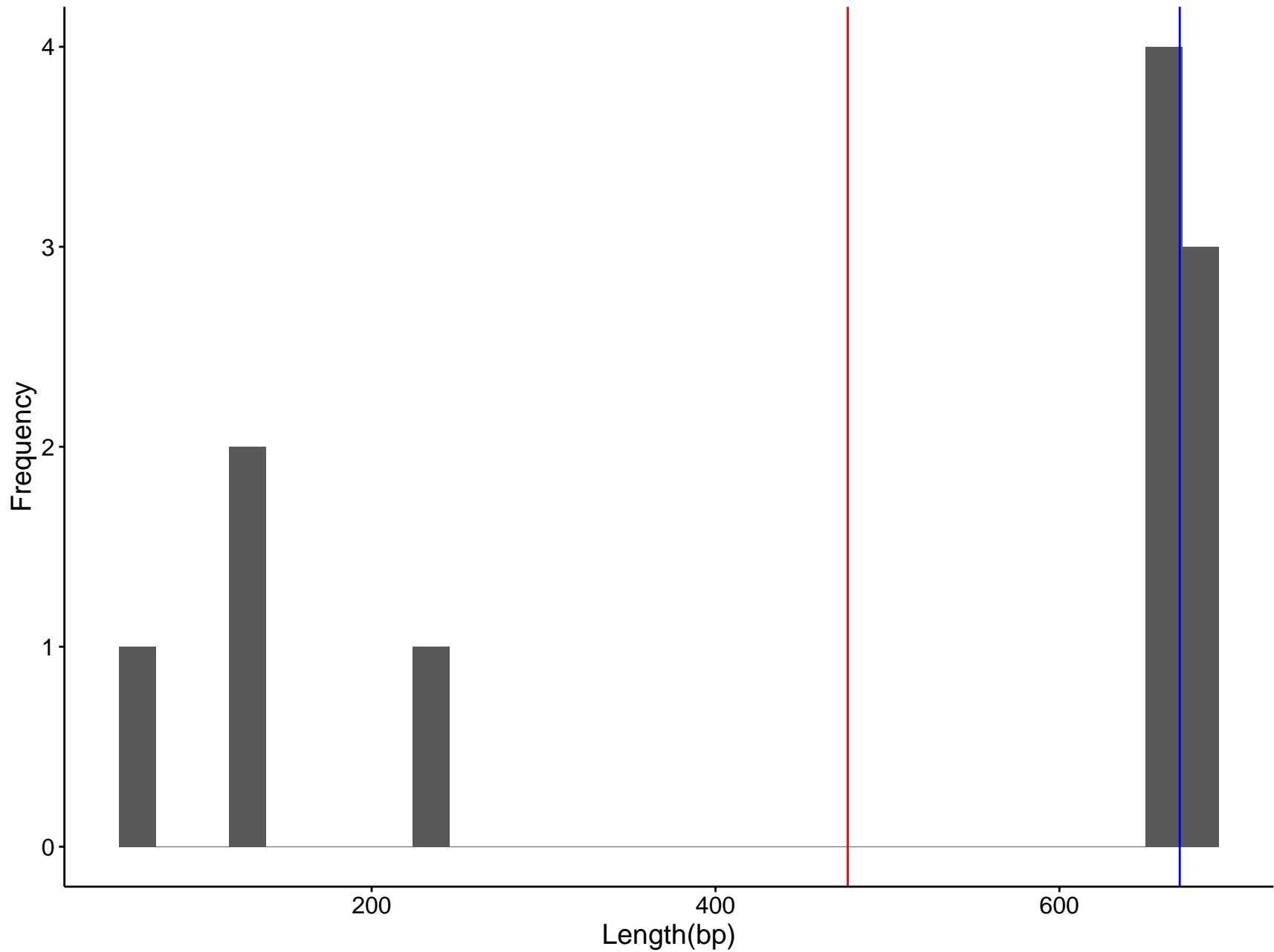
Cluster687



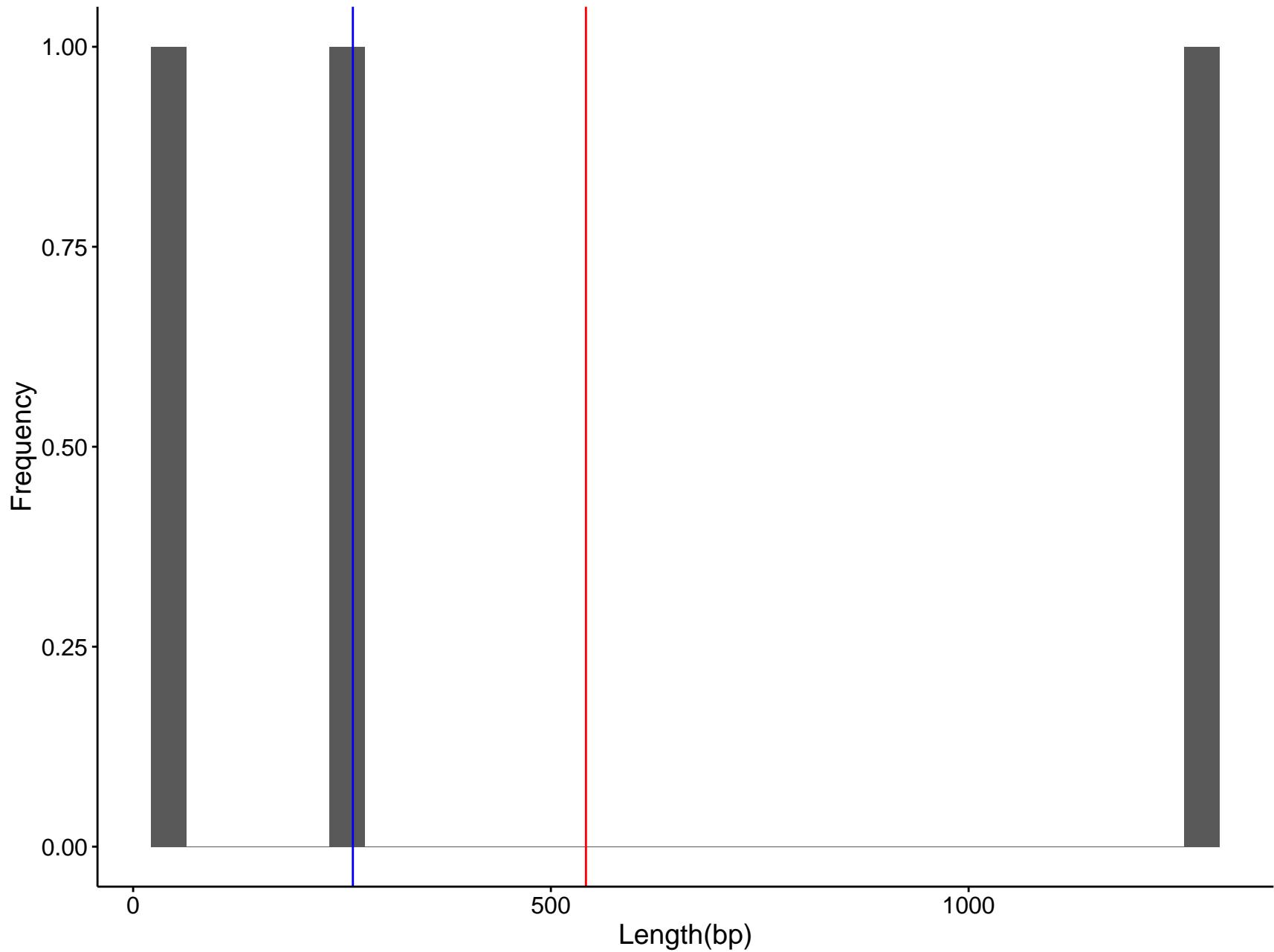
Cluster689



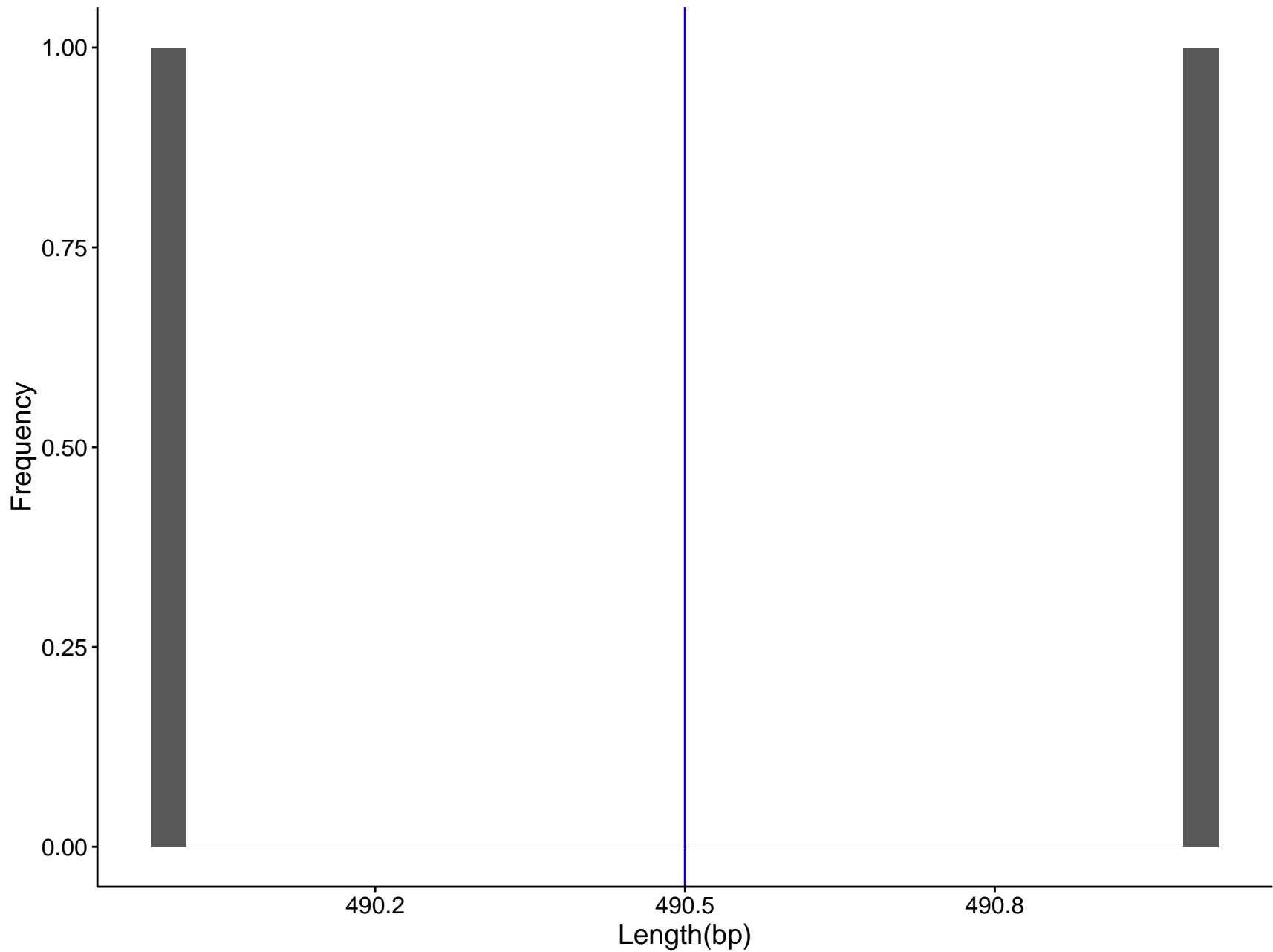
Cluster68



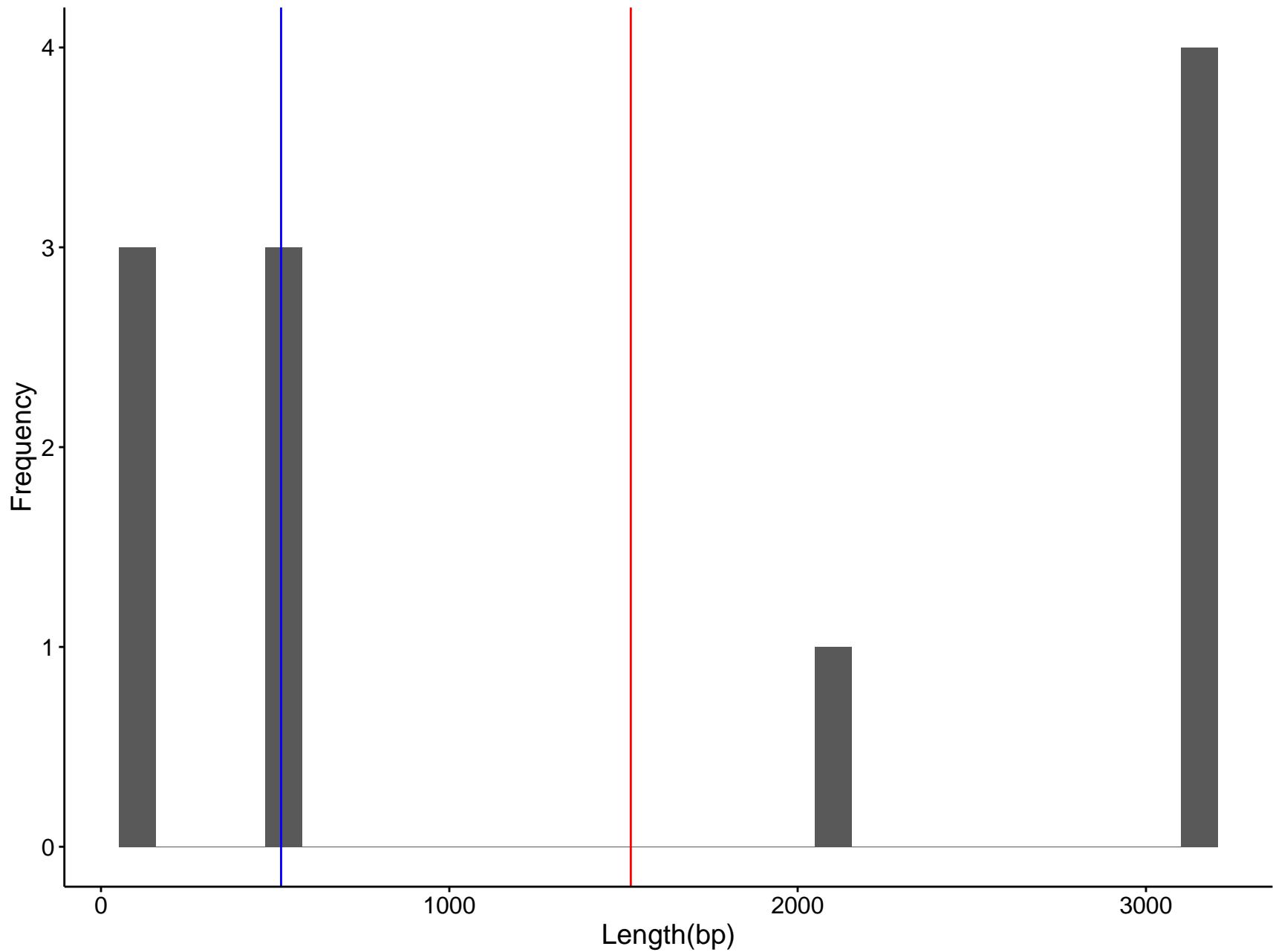
Cluster690



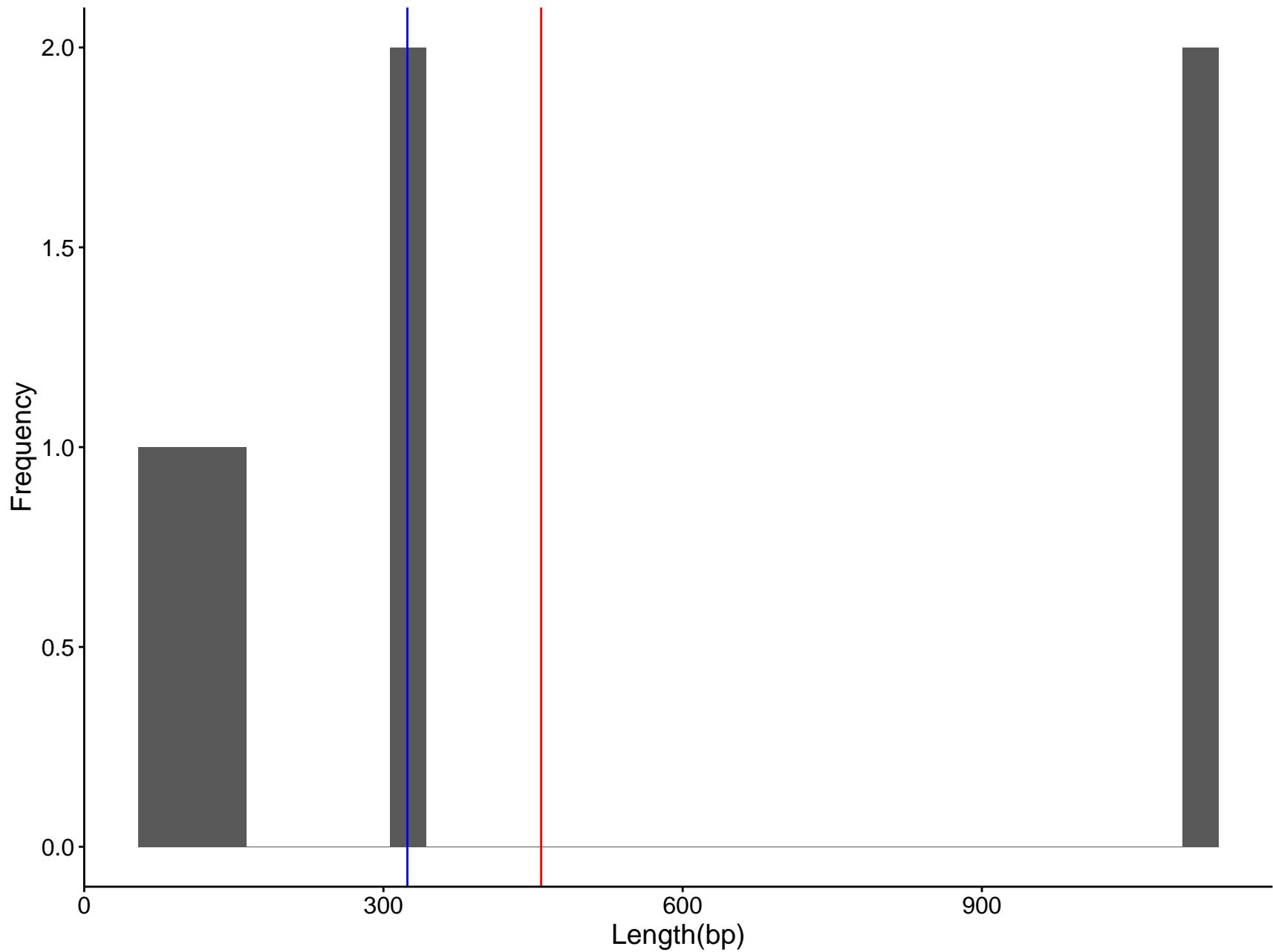
Cluster691



Cluster692



Cluster693



Cluster694

Frequency

1011.950

1011.975

1012.000
Length(bp)

1012.025



Cluster696

Frequency

456.950

456.975

457.000

457.025

Length(bp)



Cluster697

Frequency

309.950

309.975

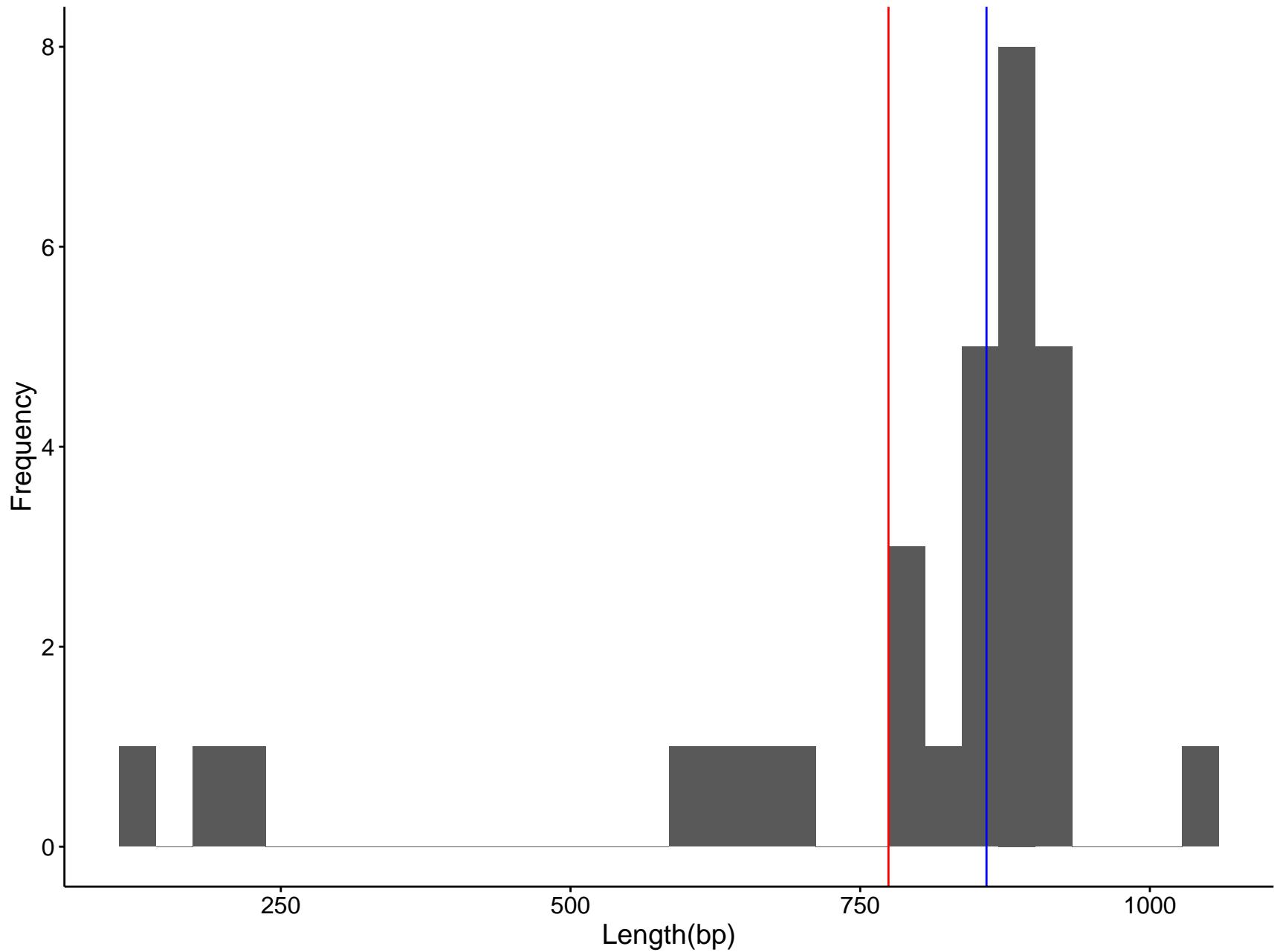
310.000

310.025

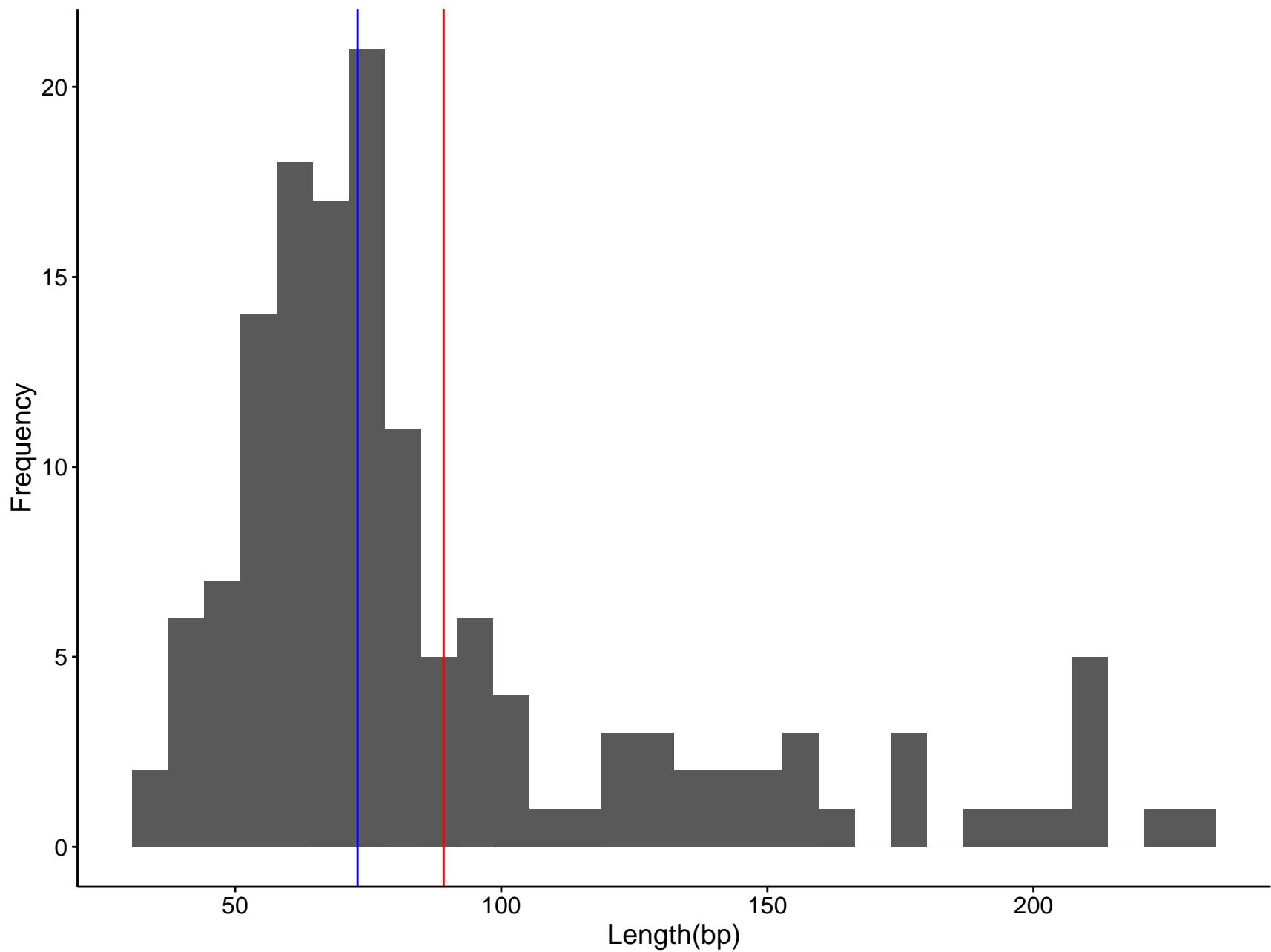
Length(bp)

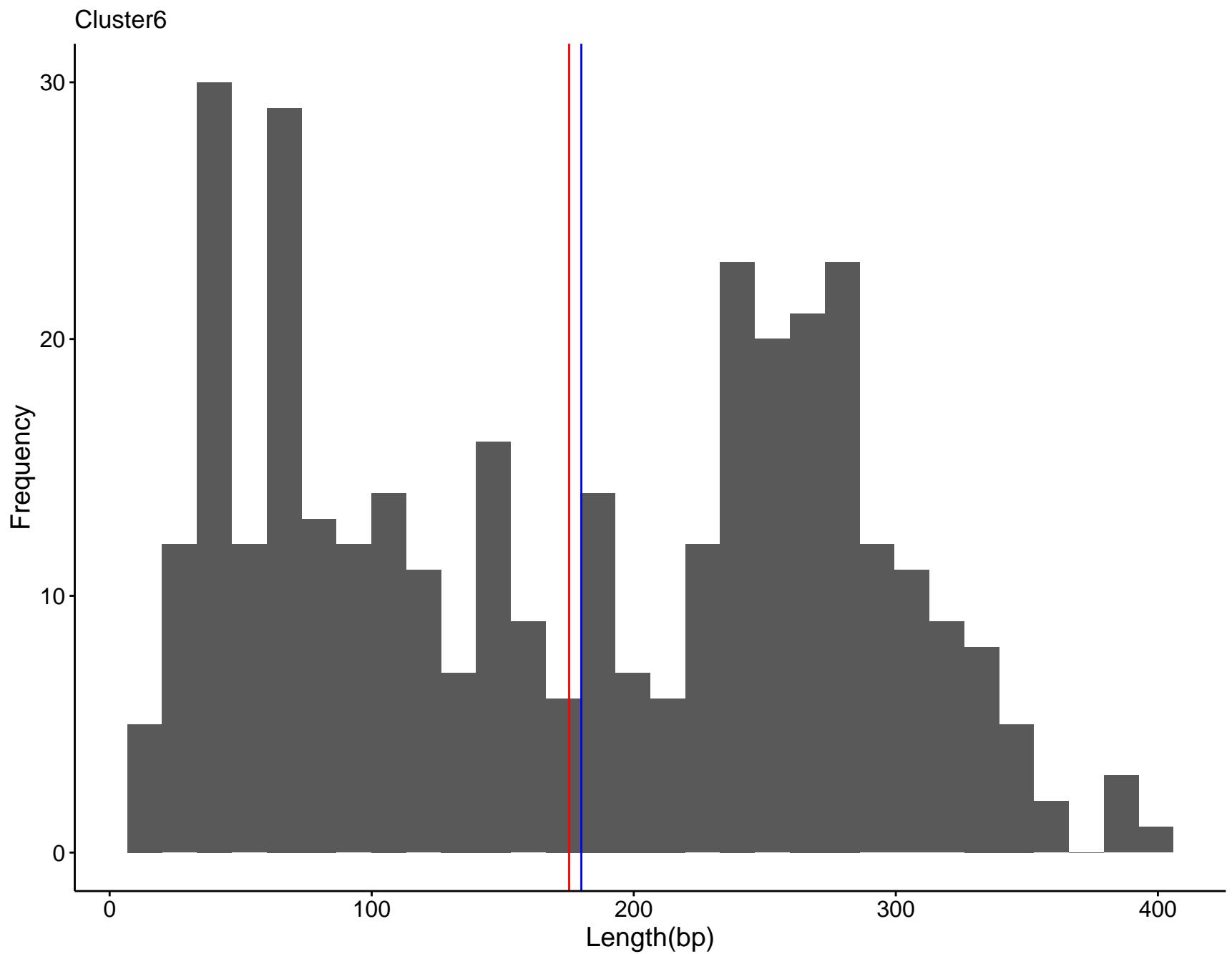


Cluster698

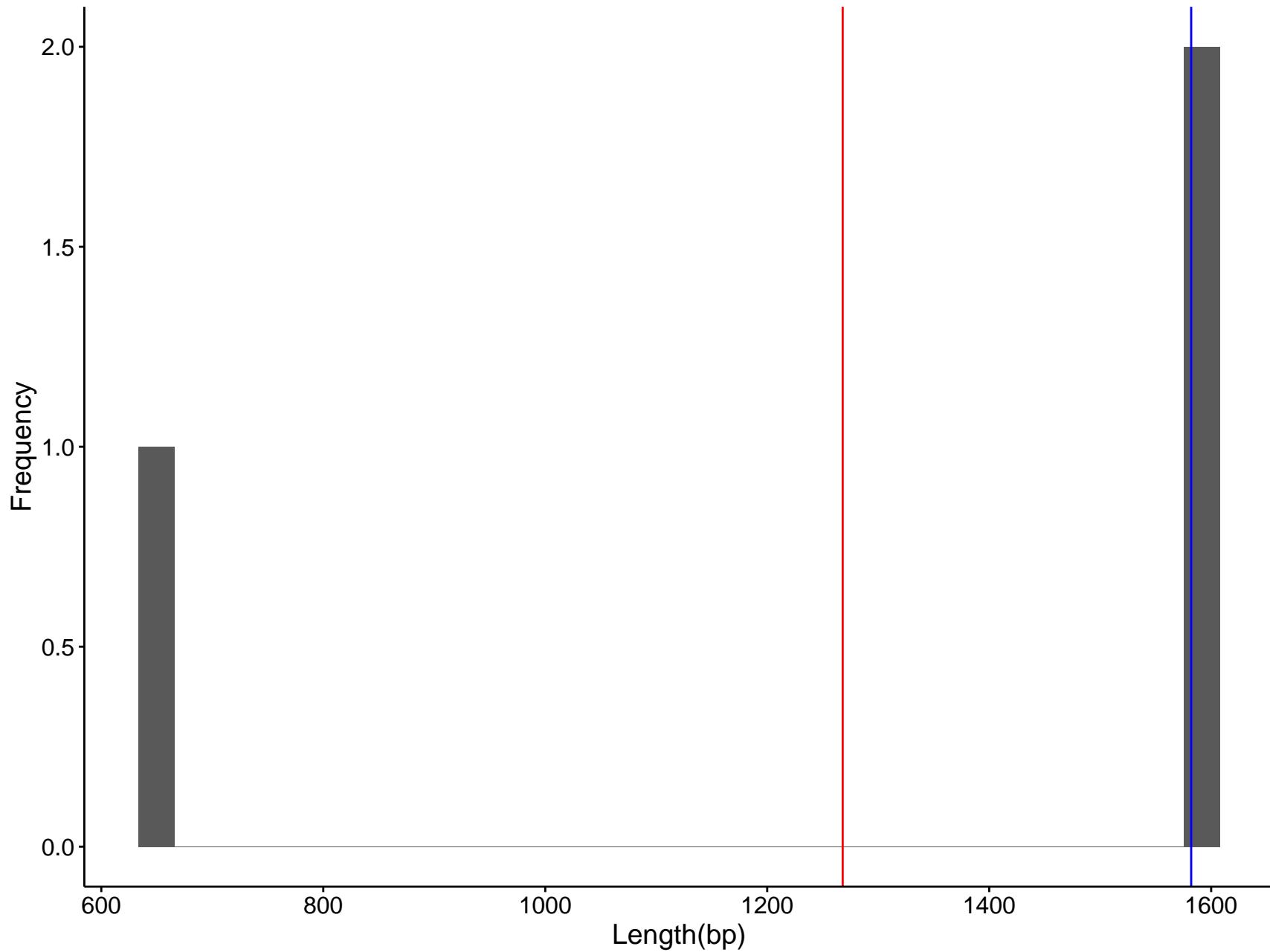


Cluster69

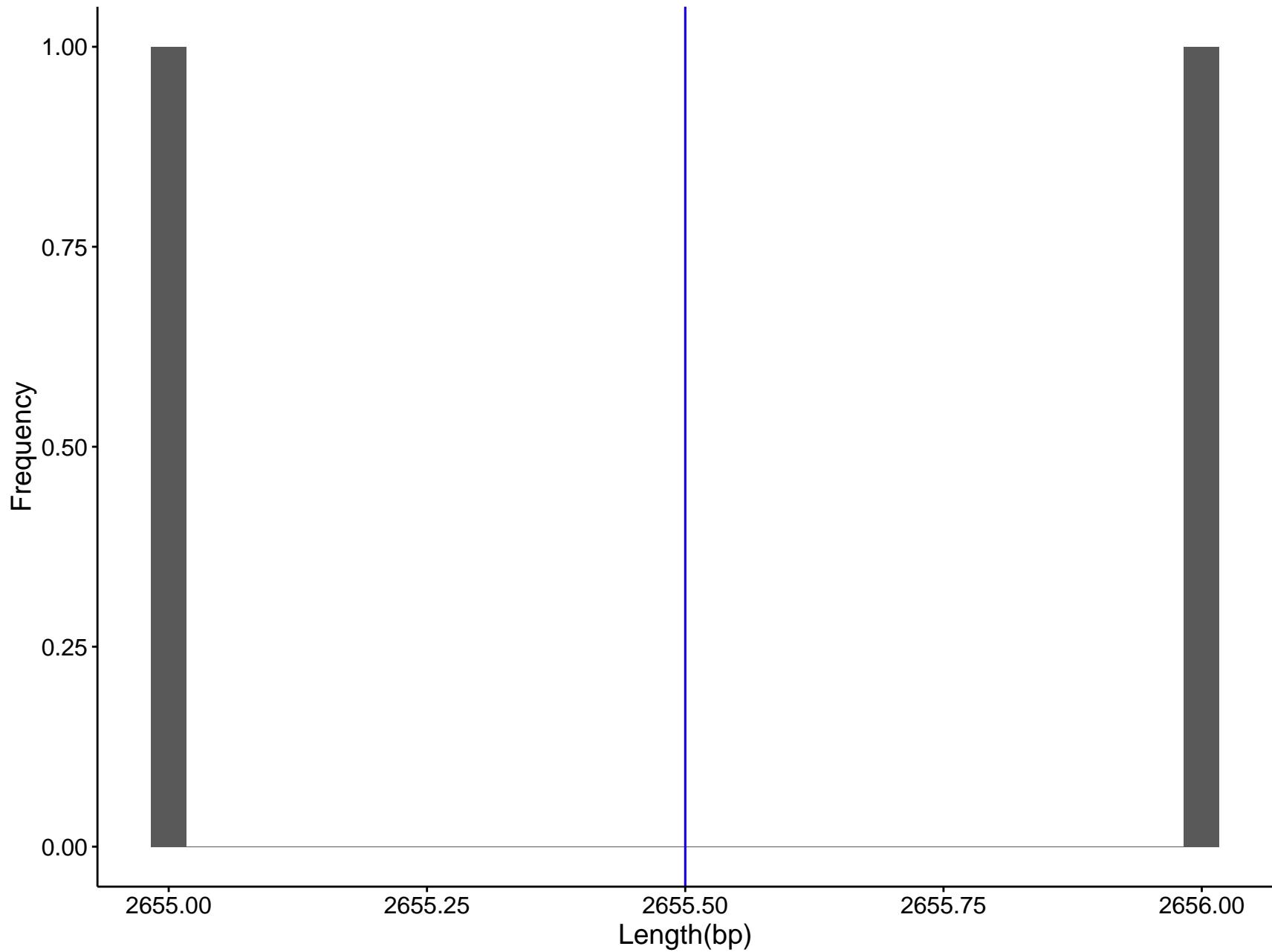




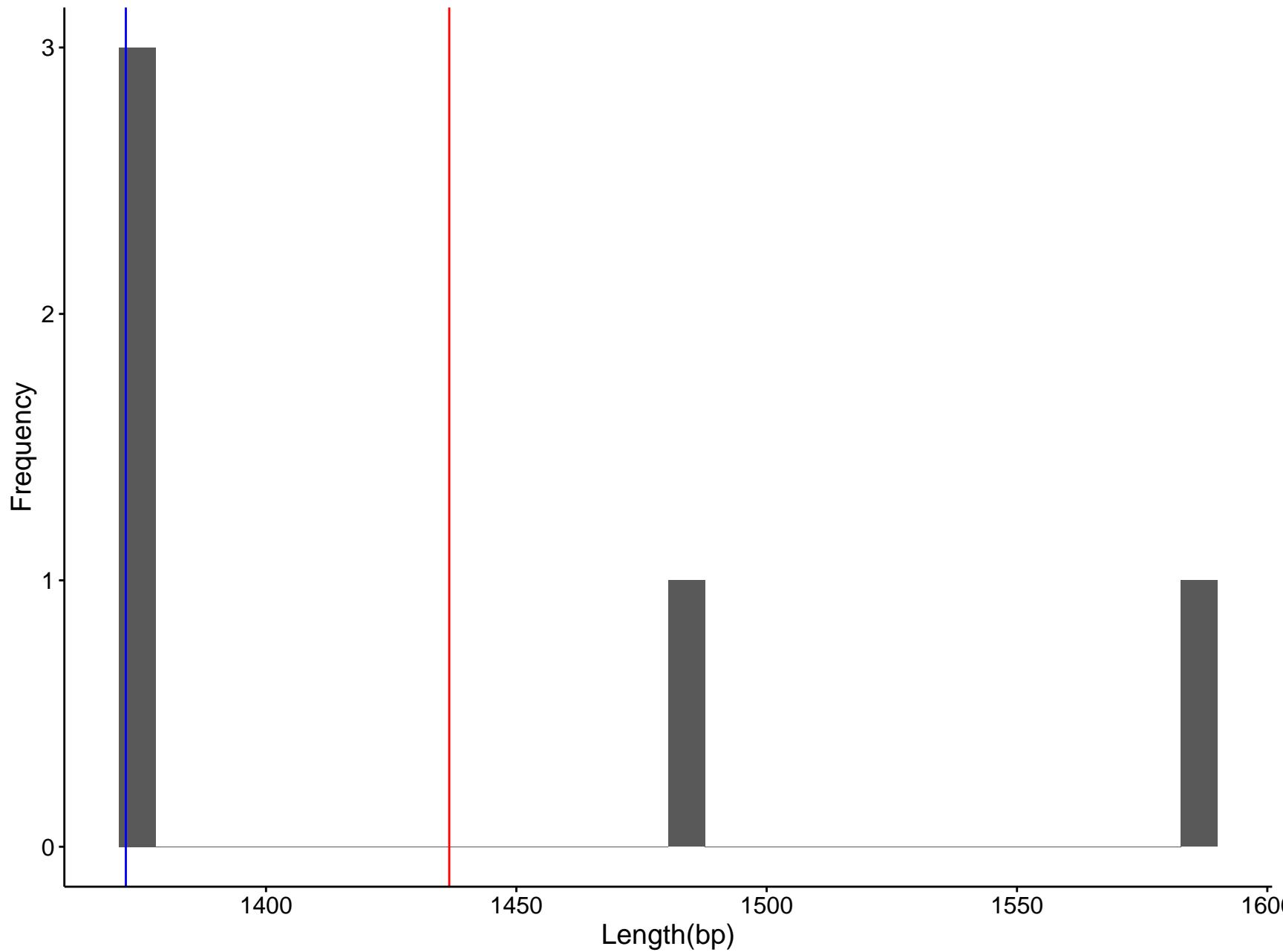
Cluster703



Cluster704



Cluster706



Cluster707

Frequency

330.950

330.975

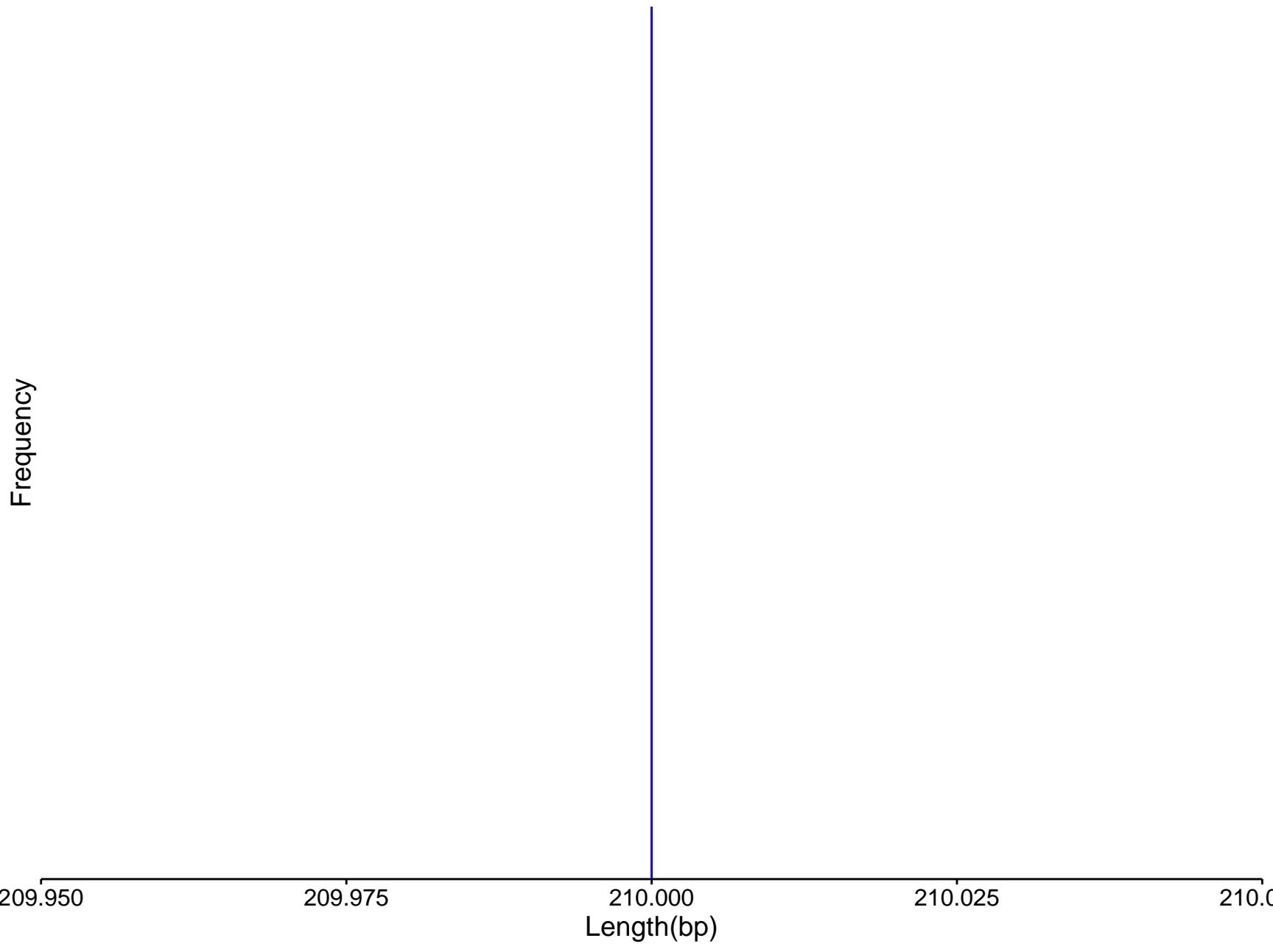
331.000

331.025

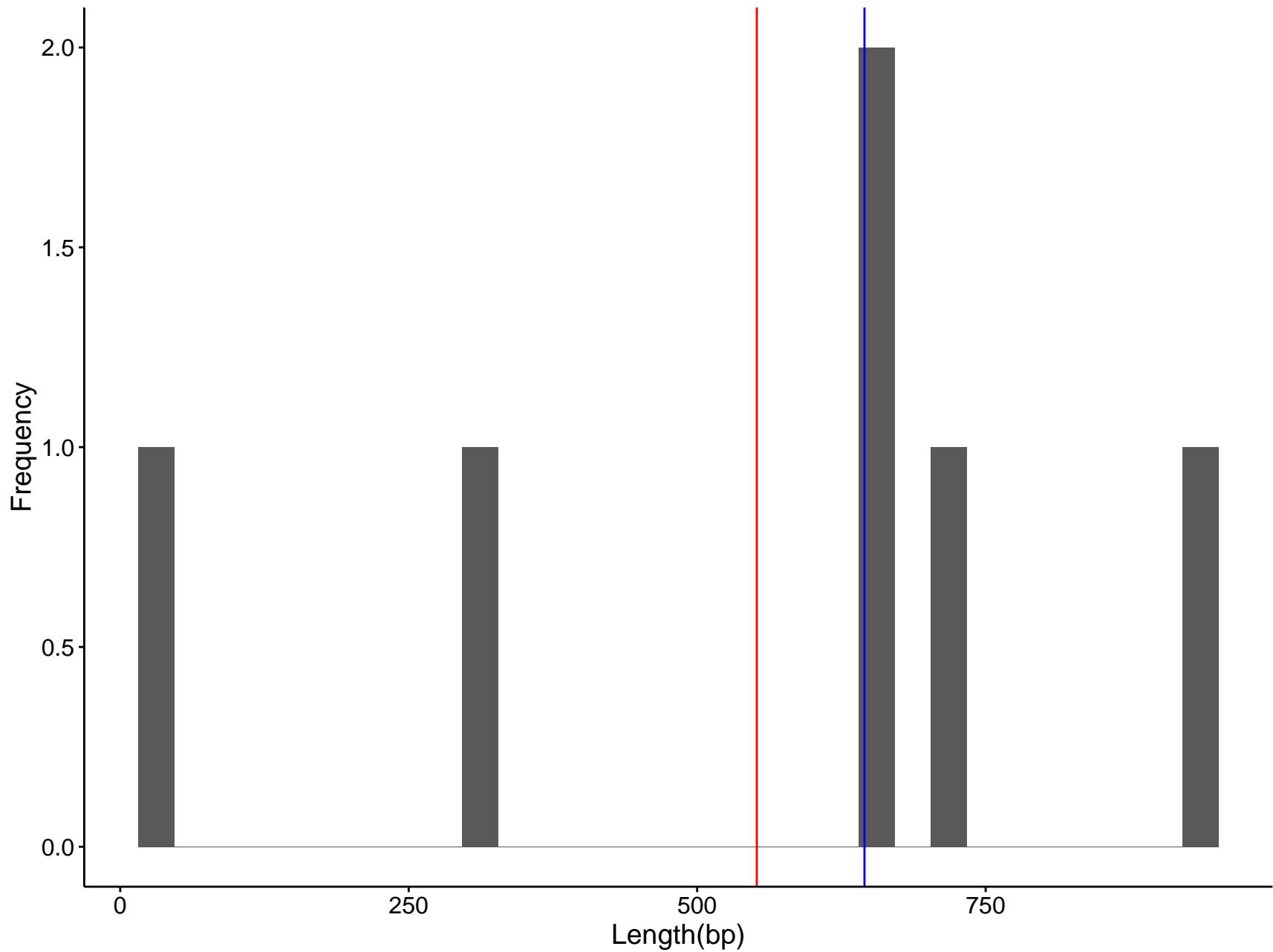
Length(bp)



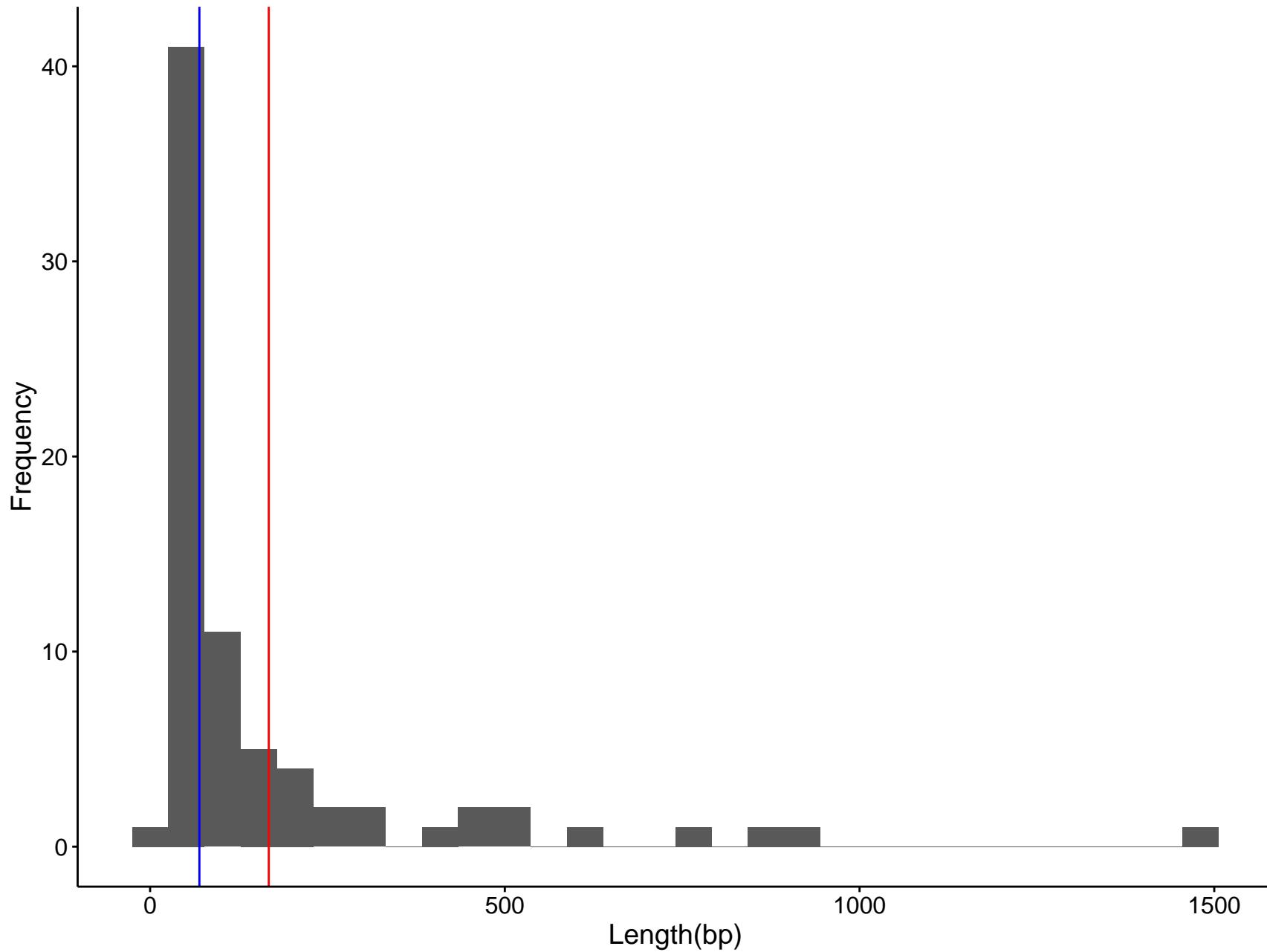
Cluster708



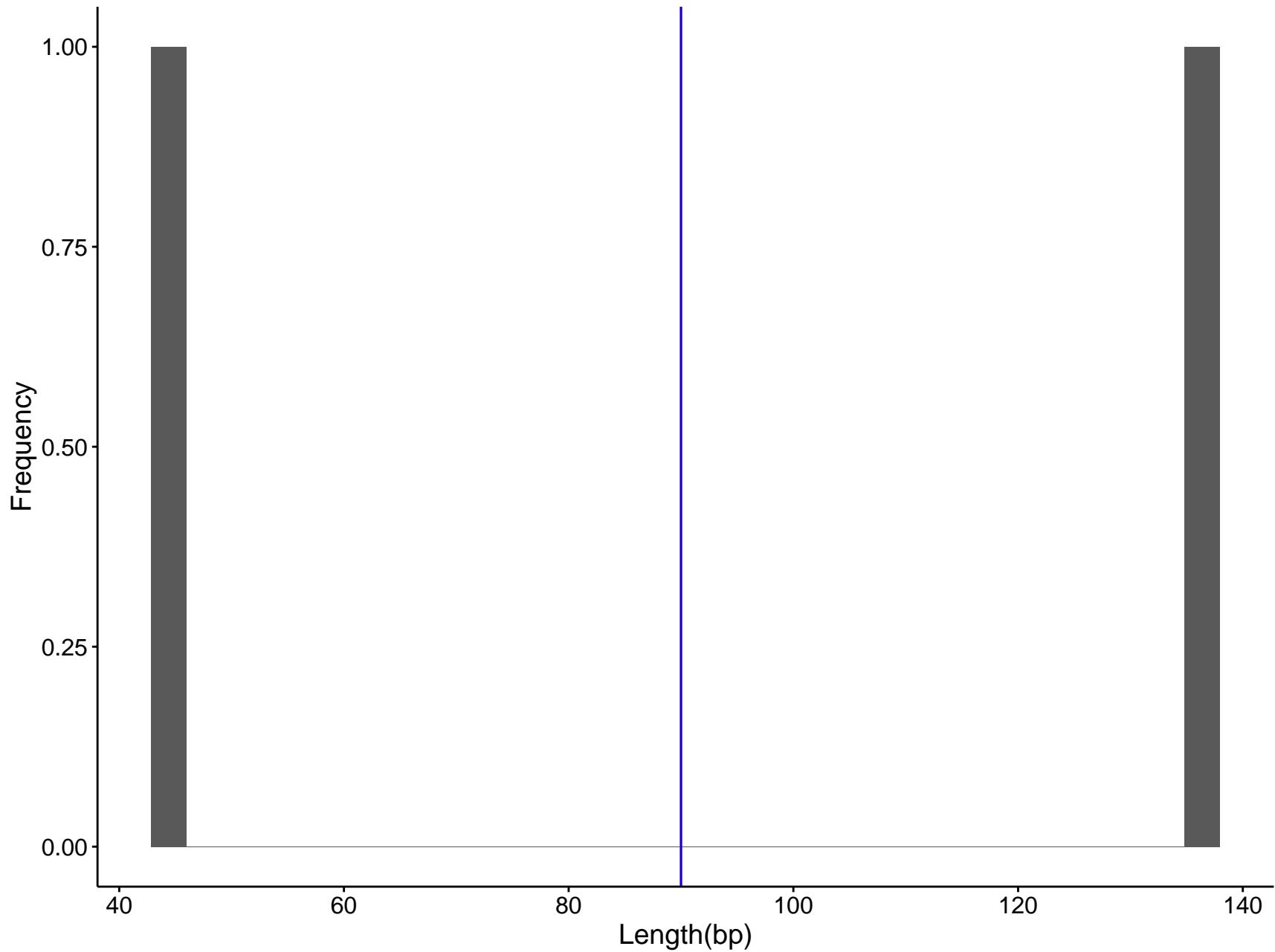
Cluster709



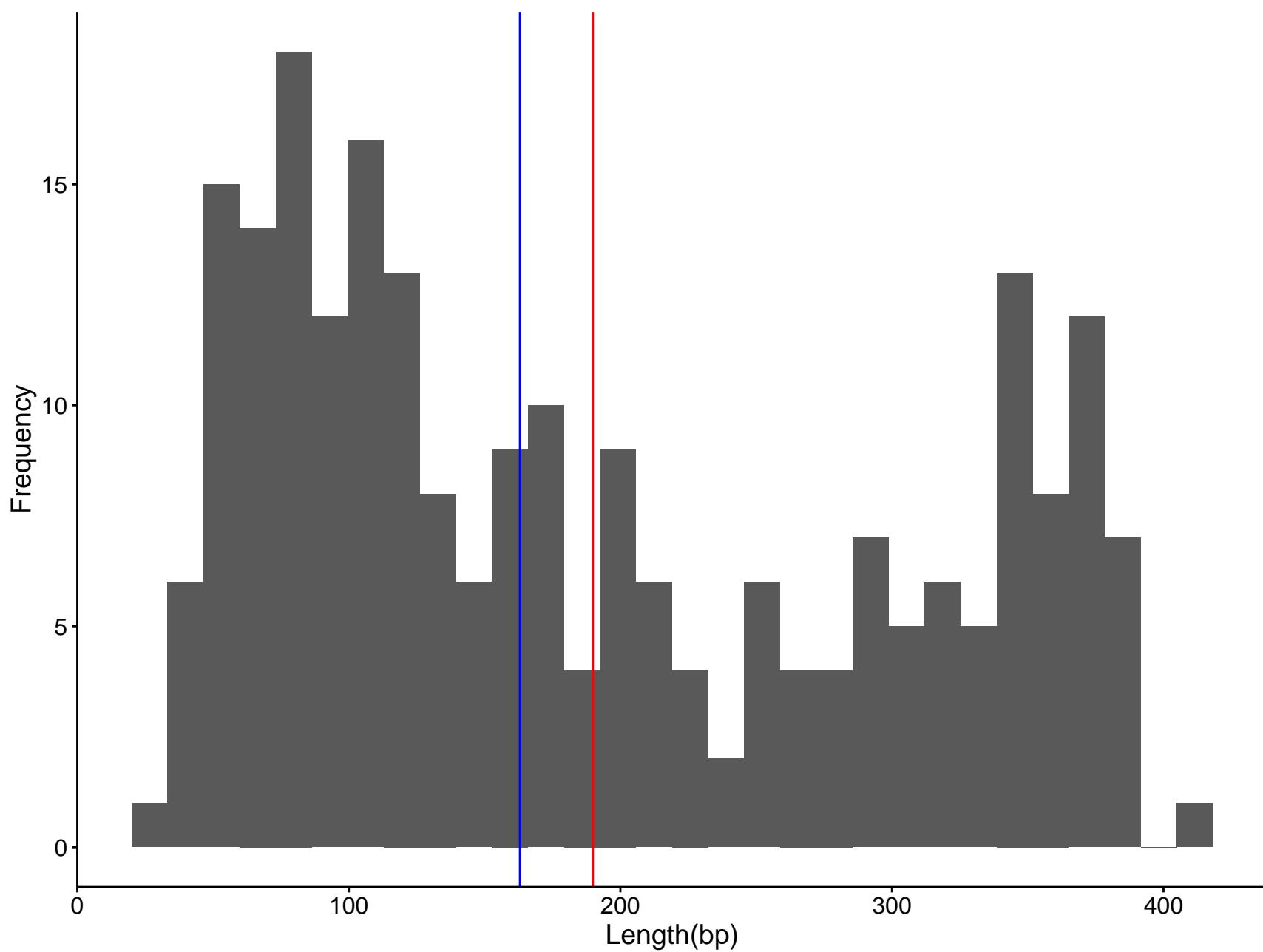
Cluster70



Cluster712



Cluster715



Cluster716

Frequency

82.950

82.975

83.000

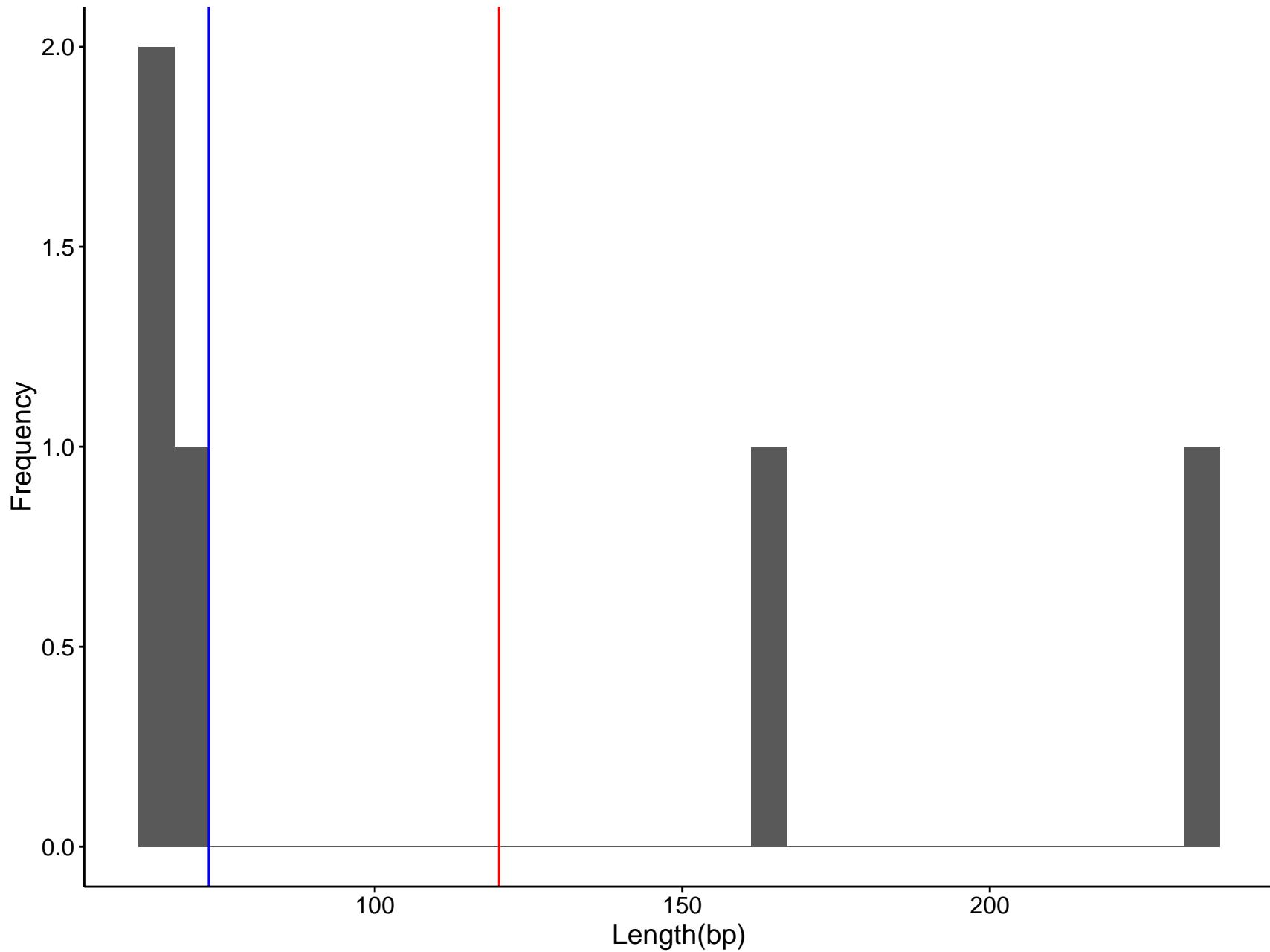
83.025

83.0

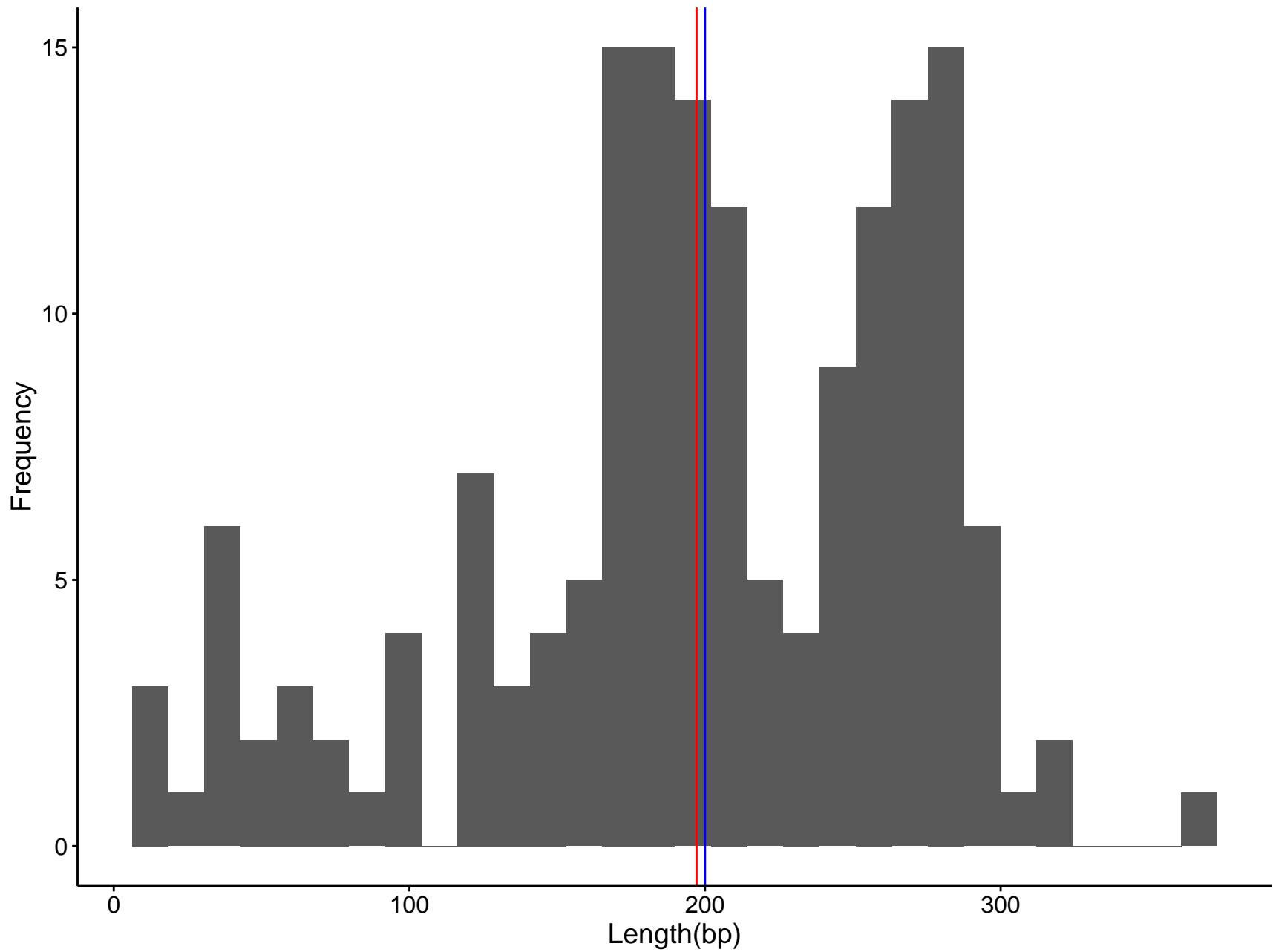
Length(bp)



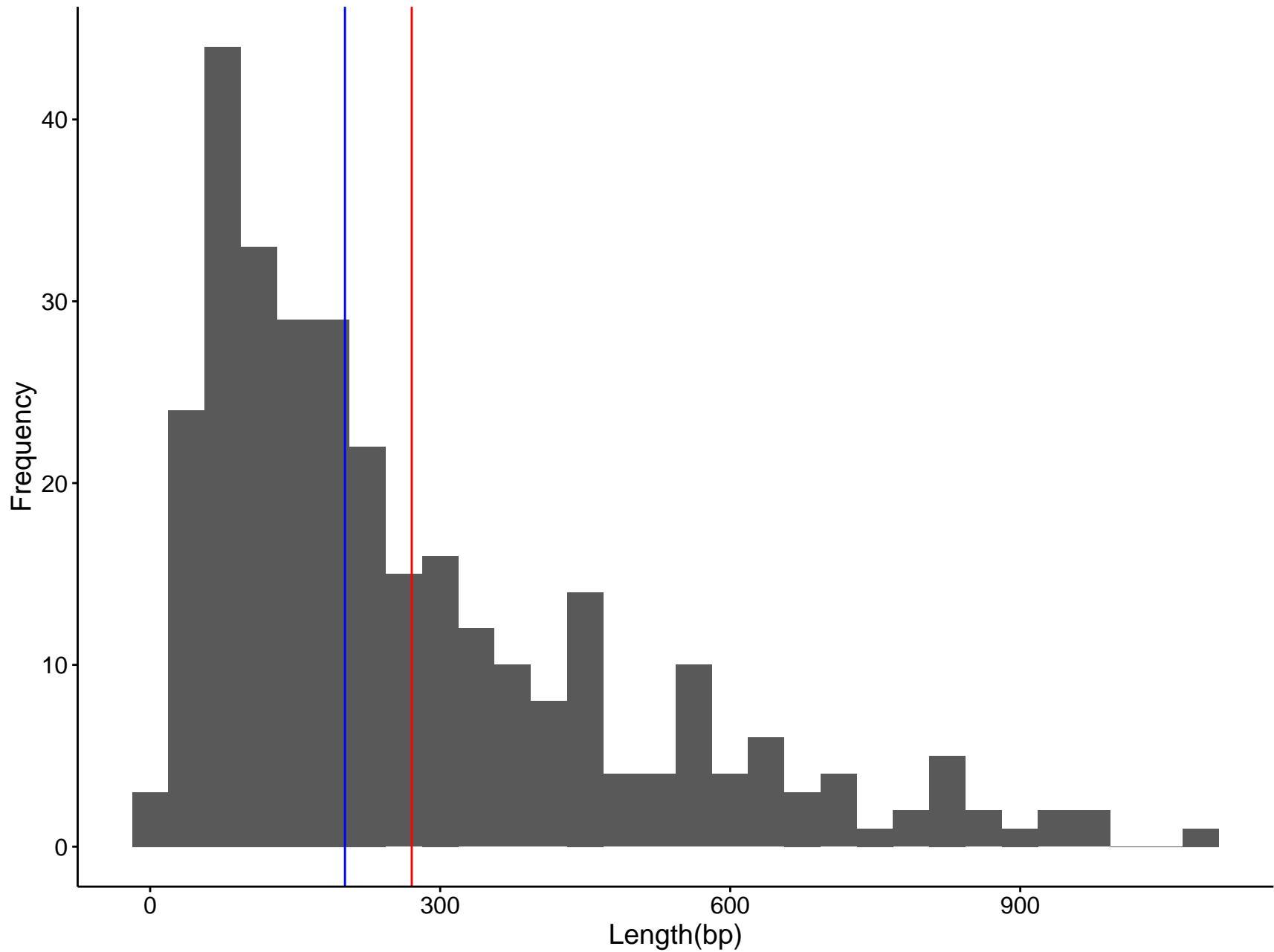
Cluster717



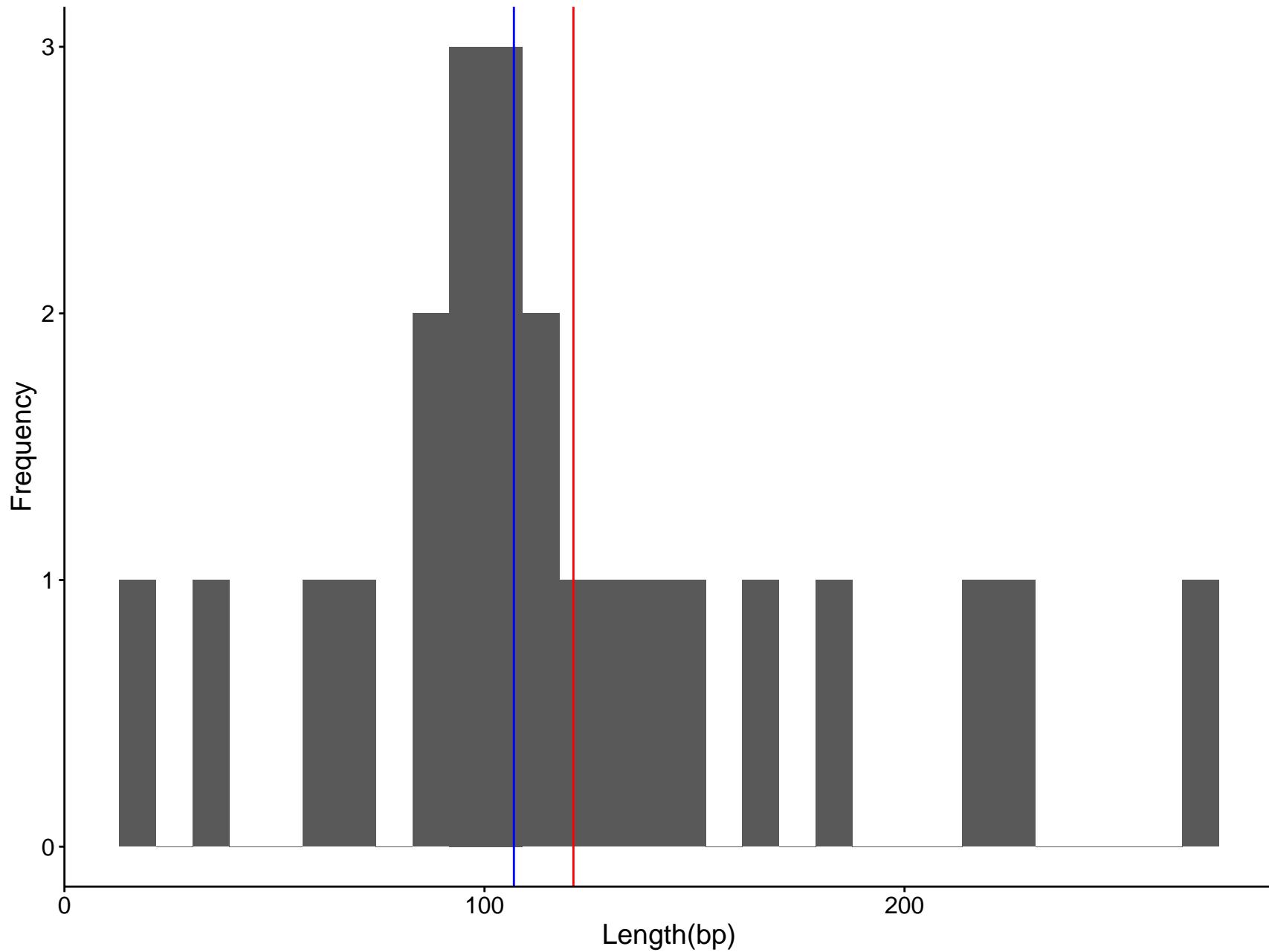
Cluster719



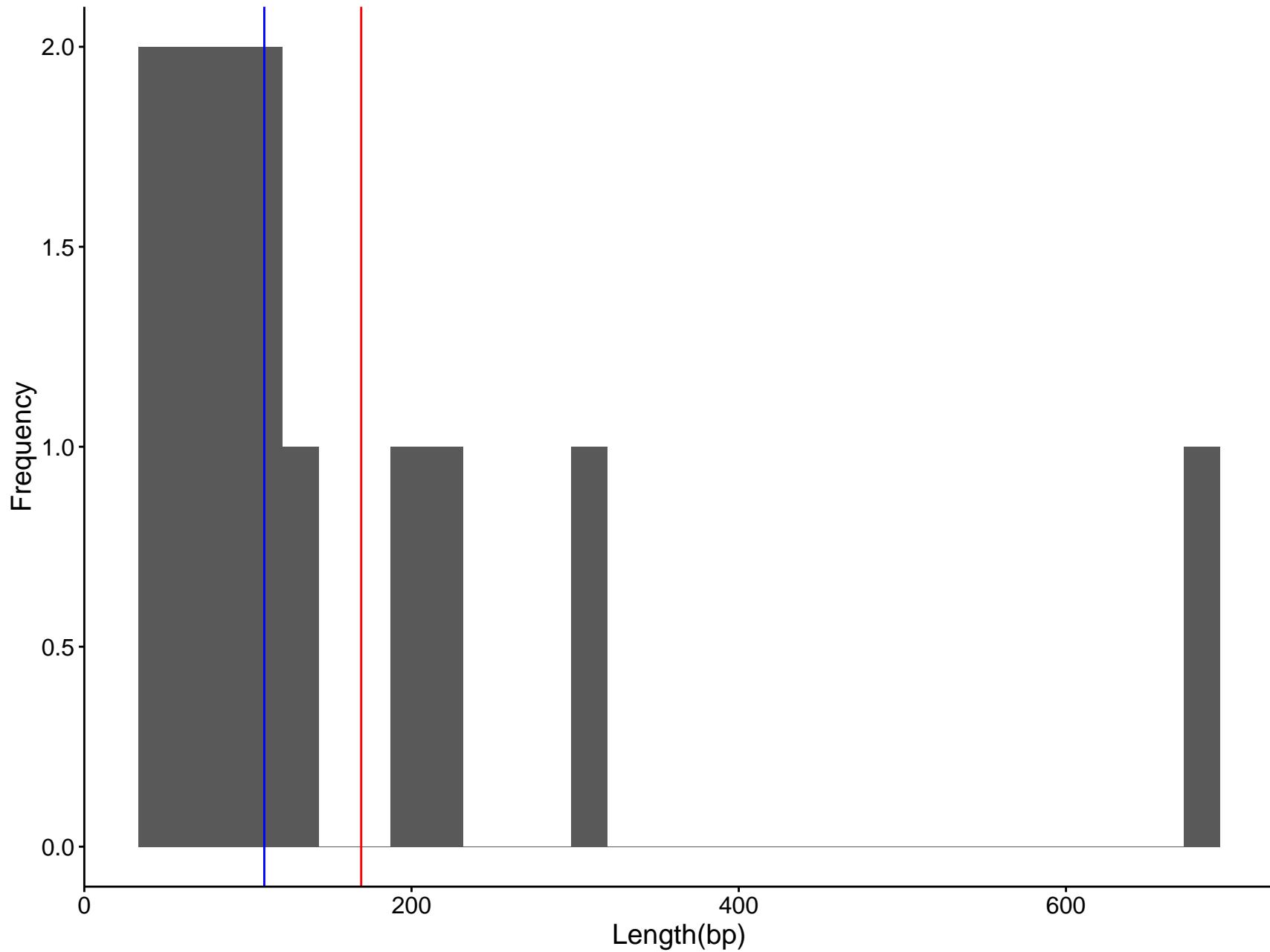
Cluster71



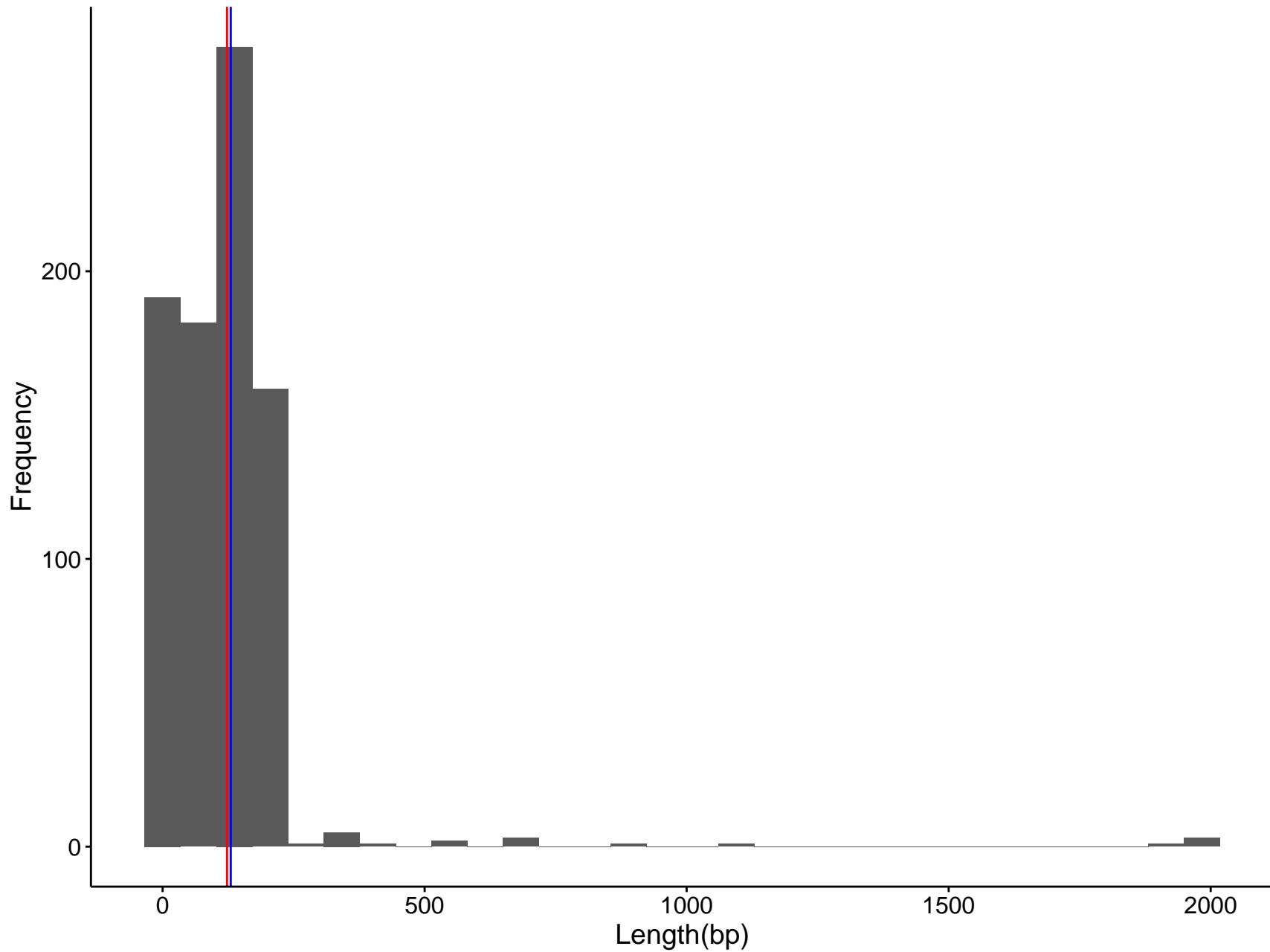
Cluster720



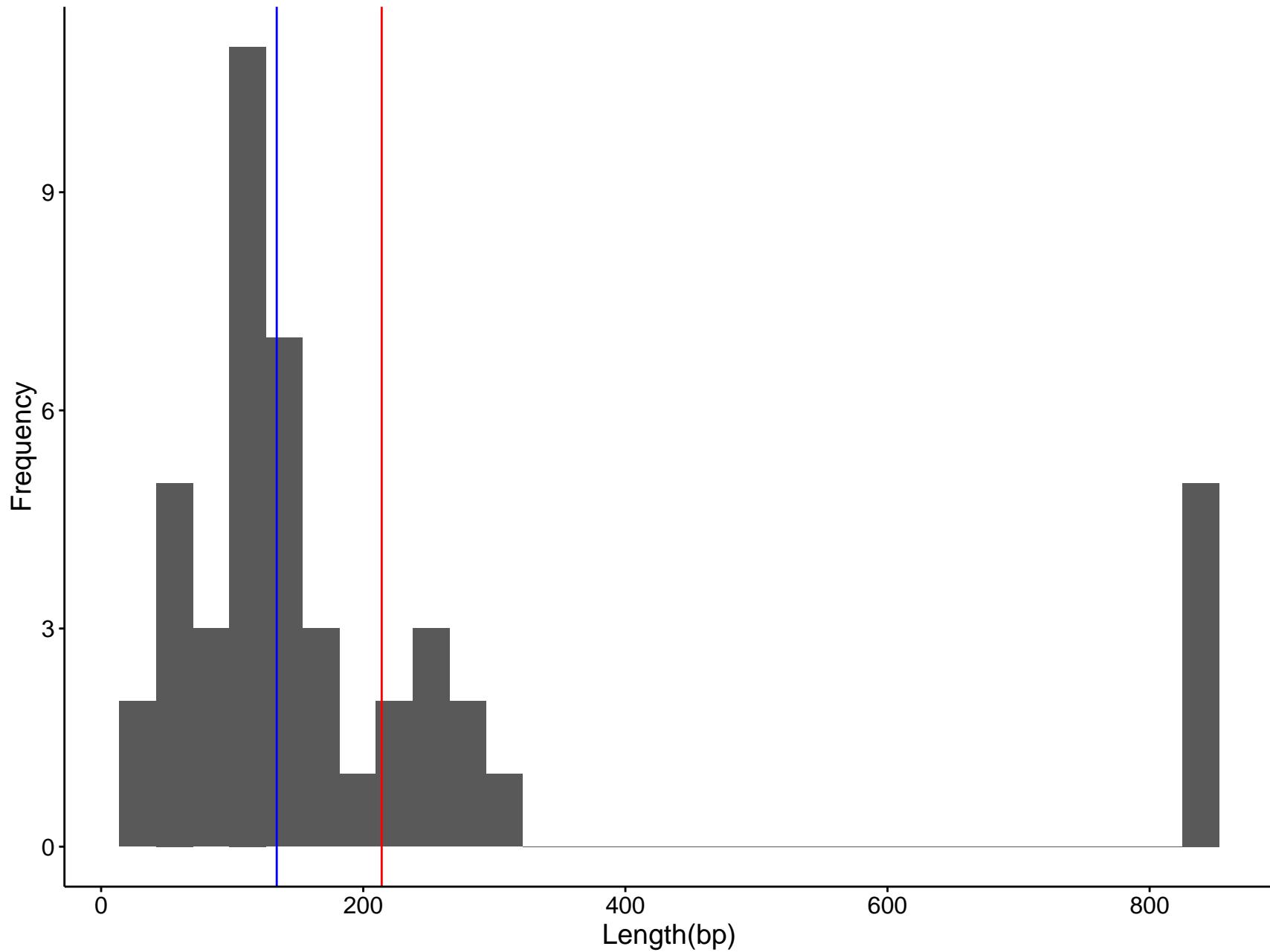
Cluster721



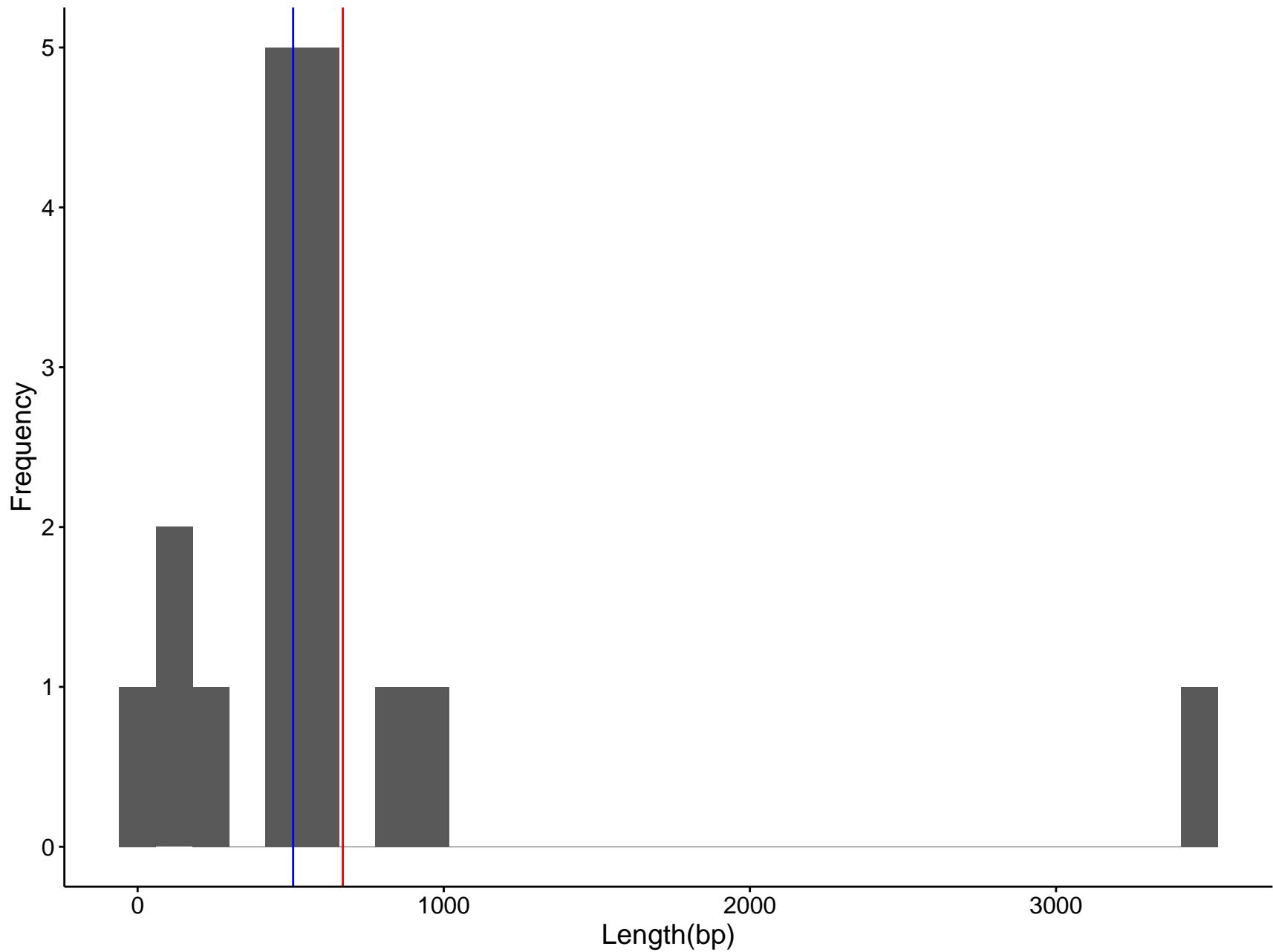
Cluster722



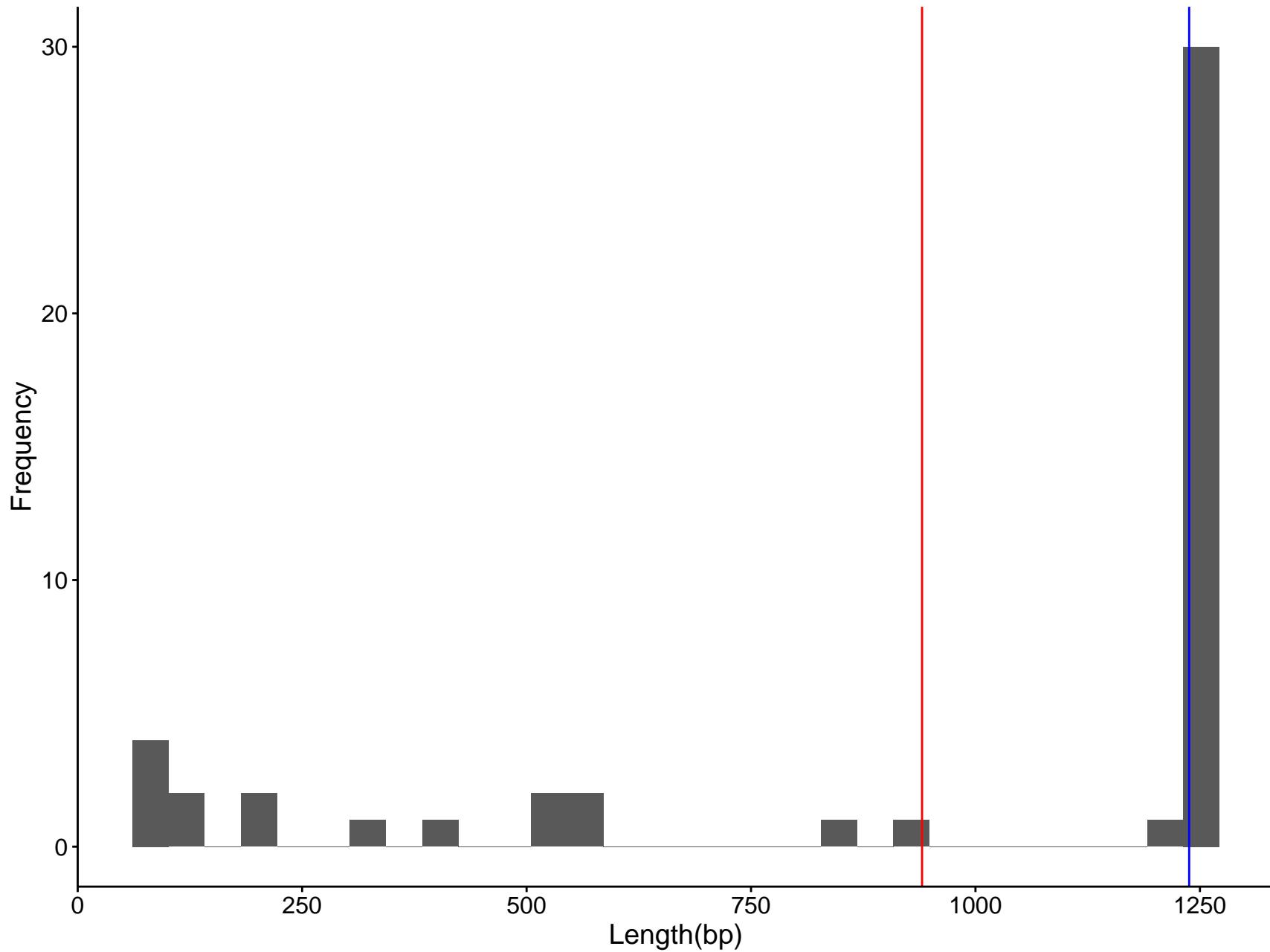
Cluster723



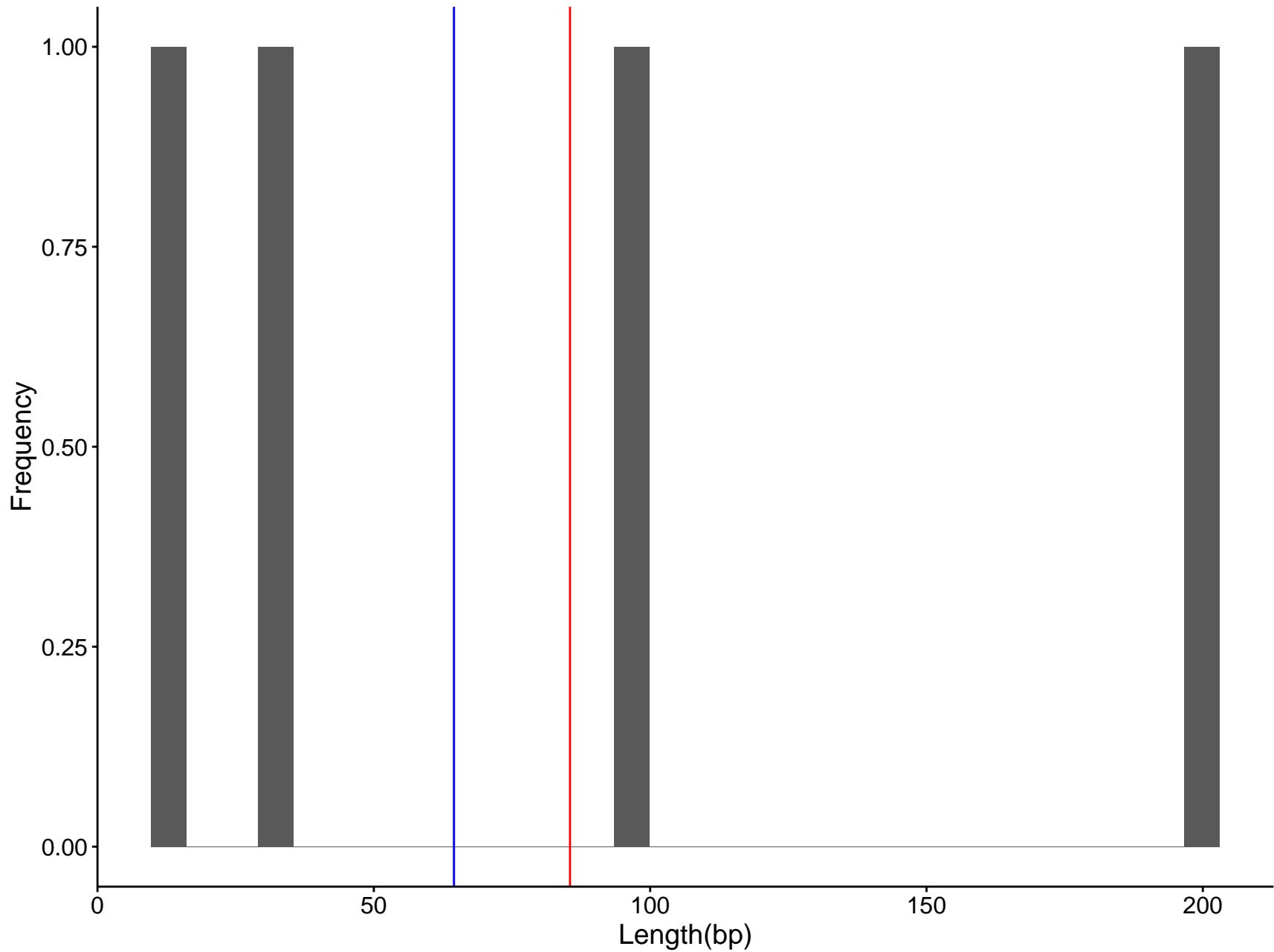
Cluster724



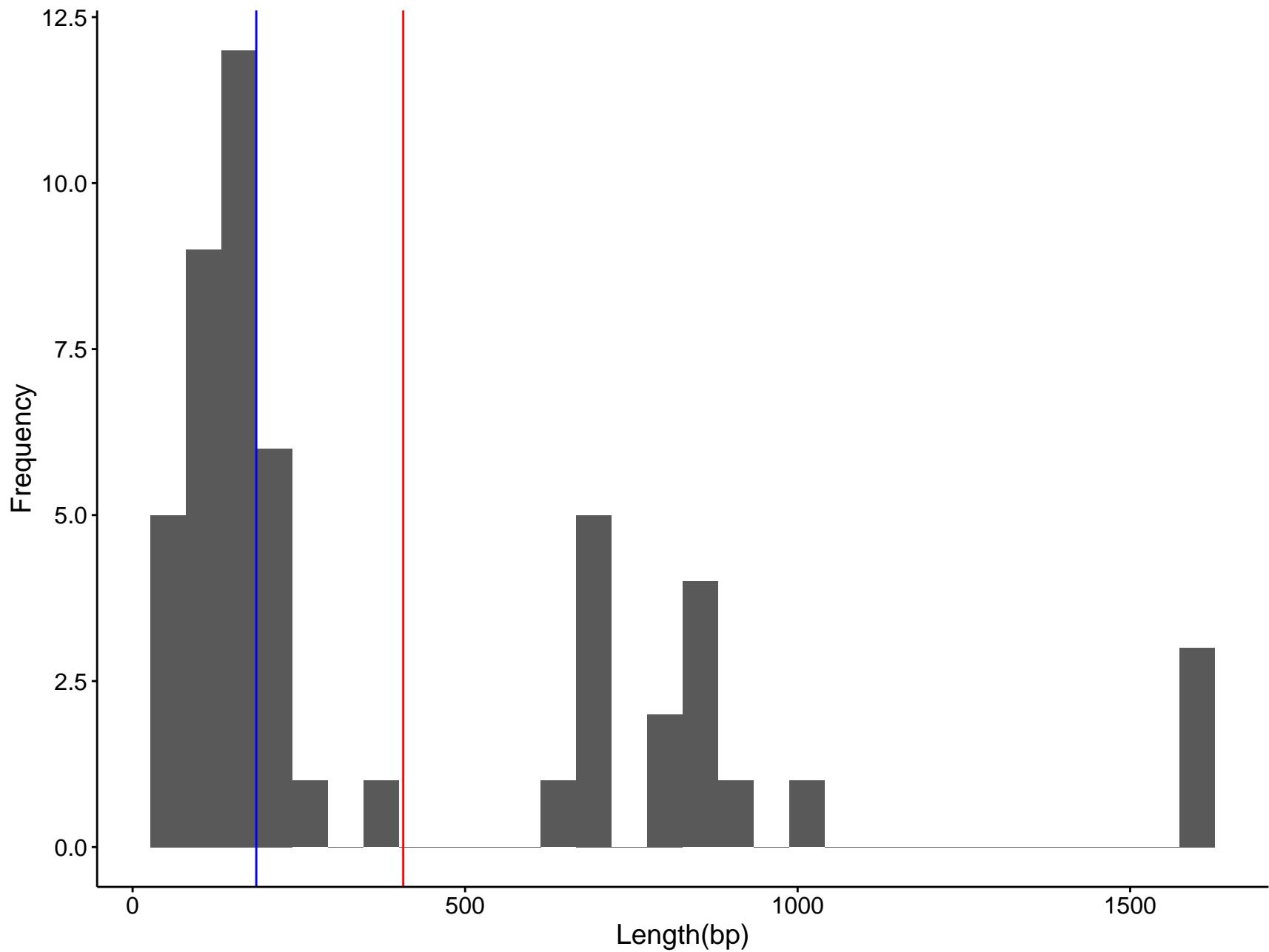
Cluster725



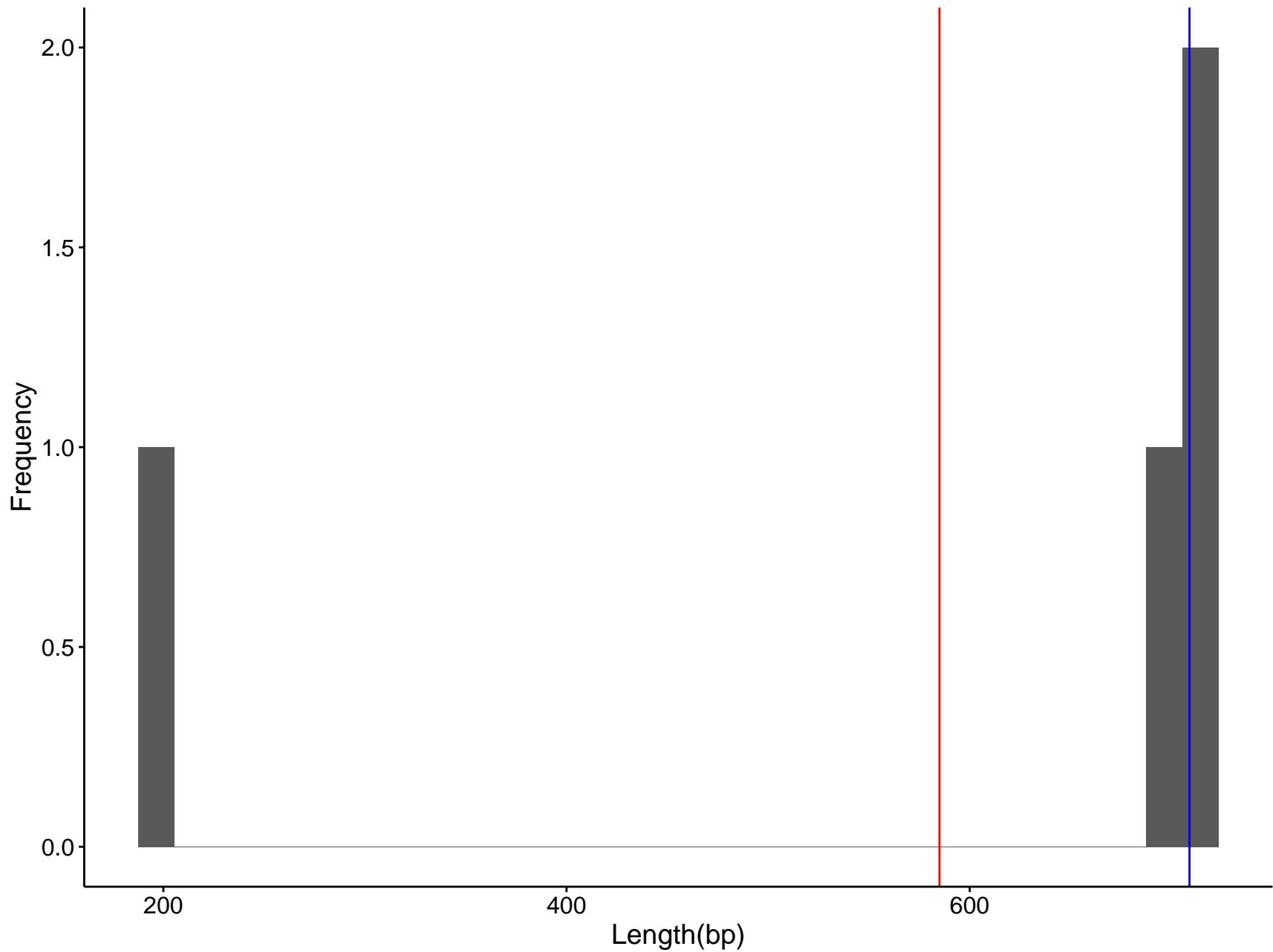
Cluster726

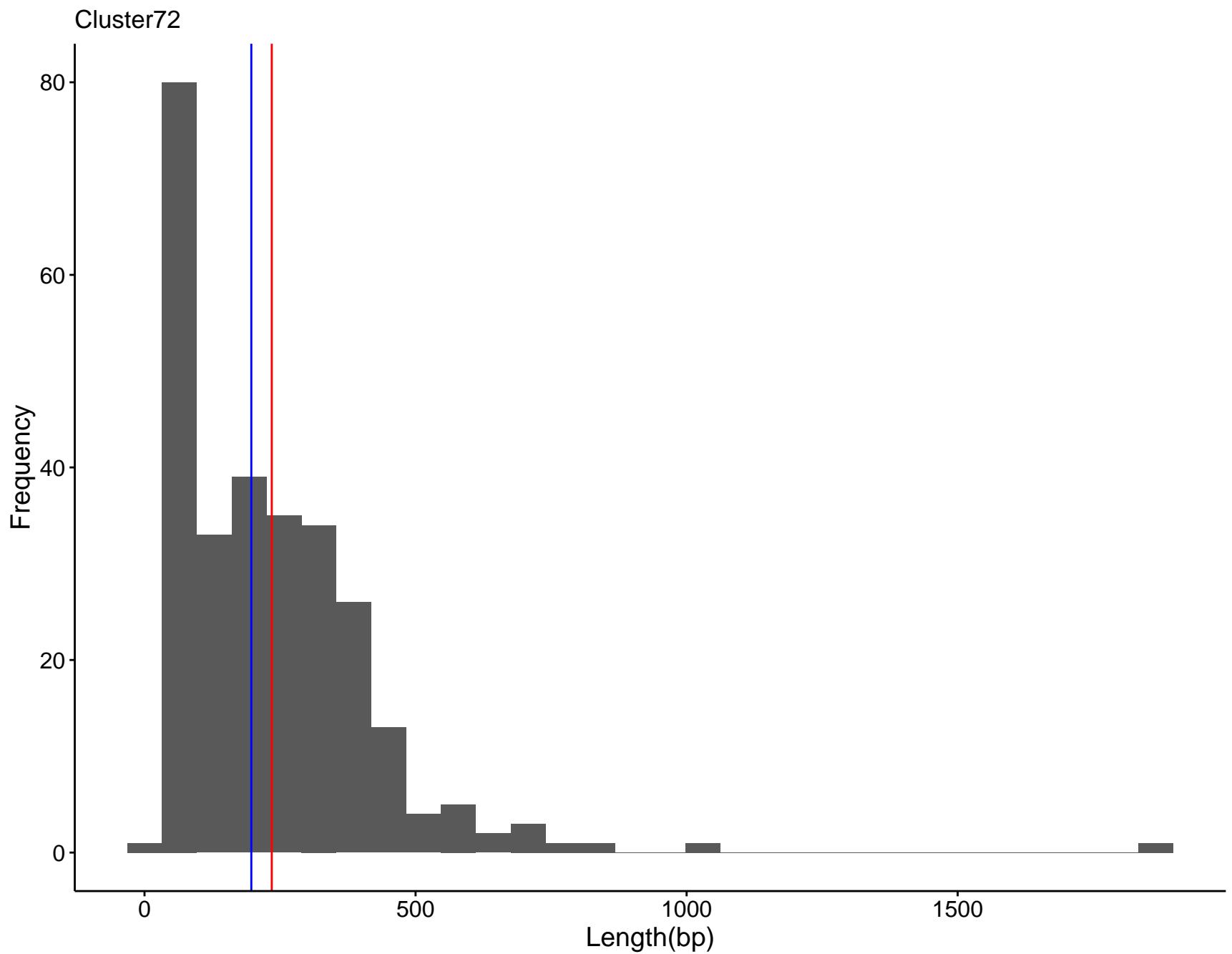


Cluster727

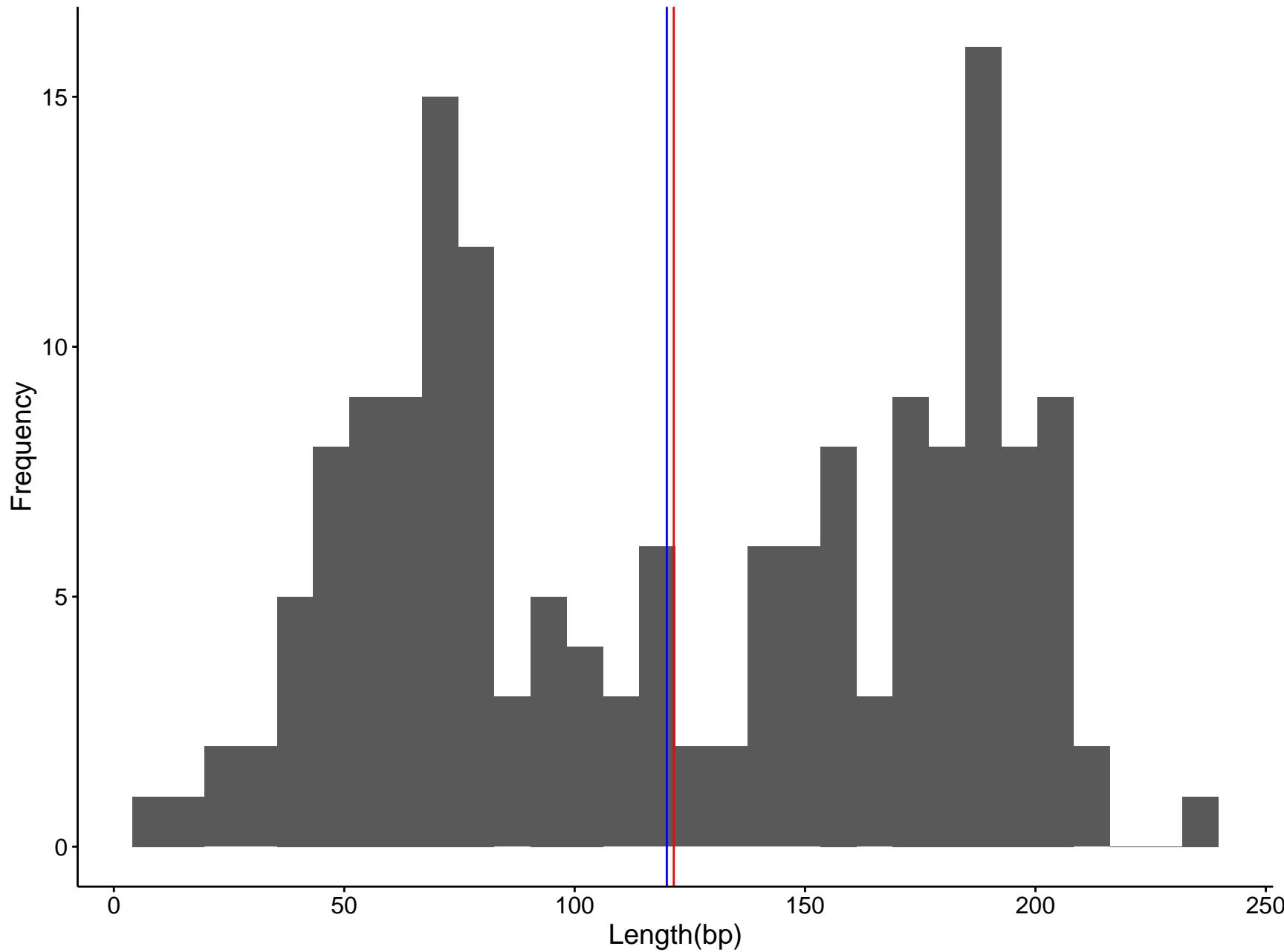


Cluster729

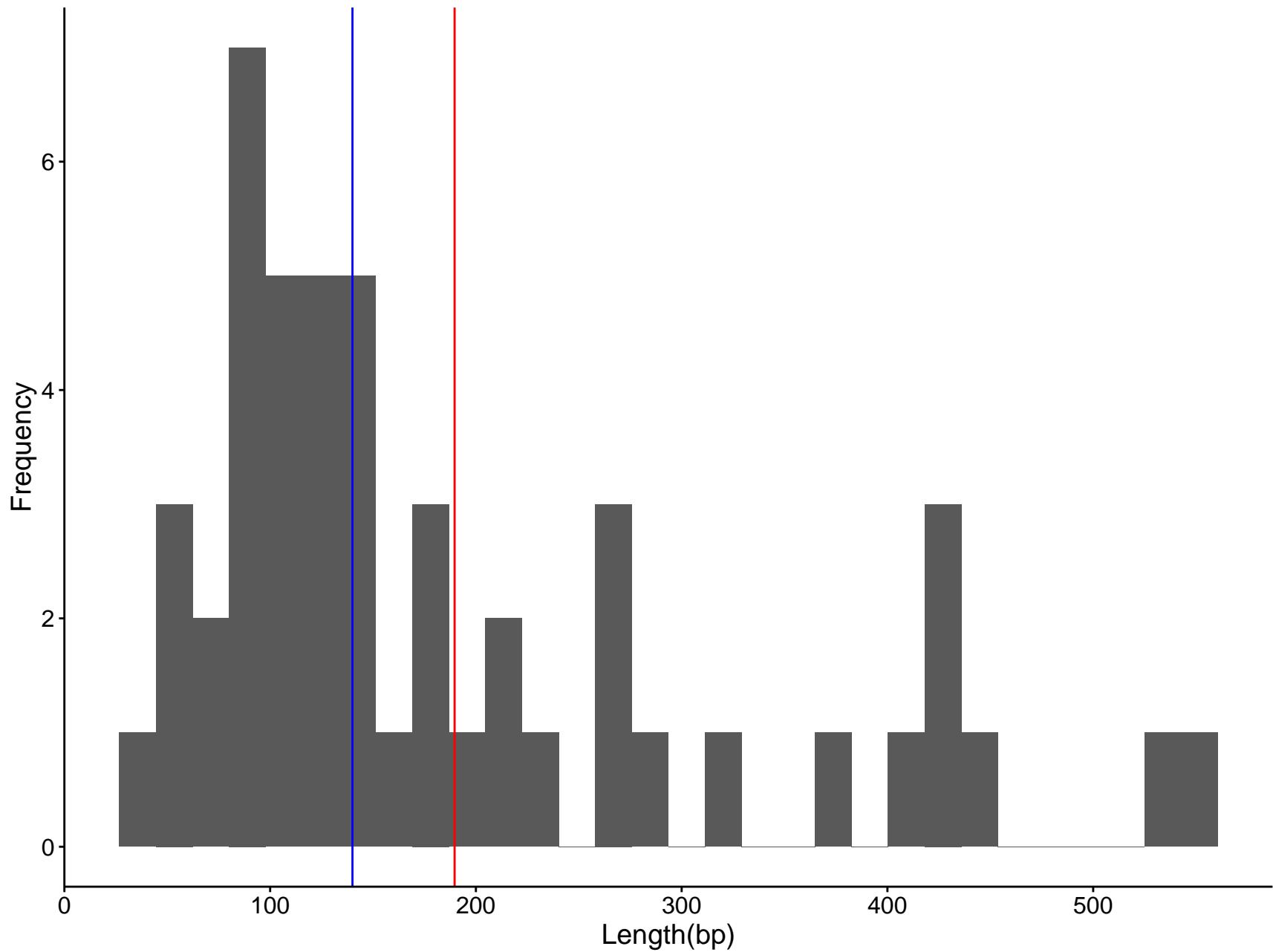




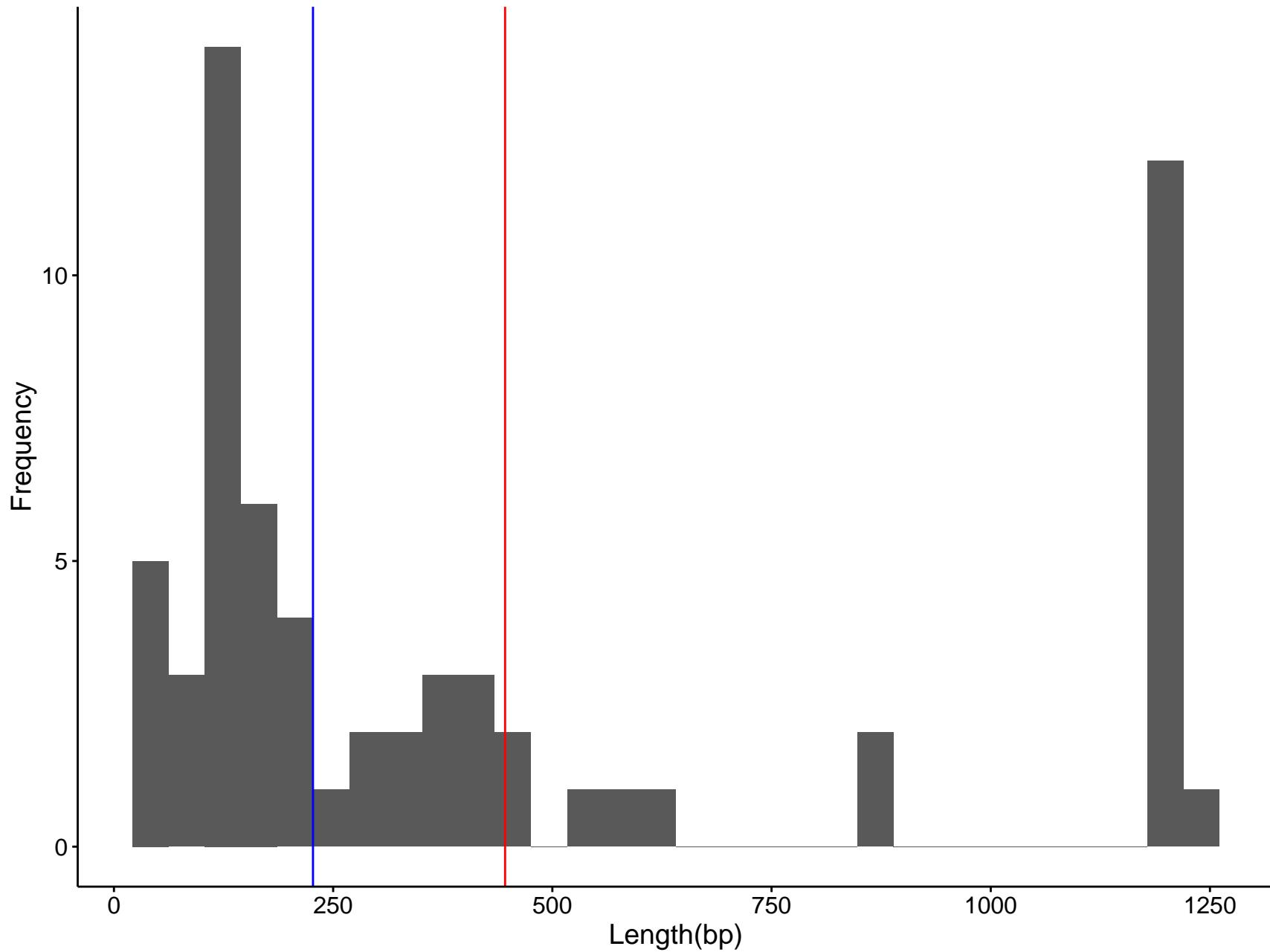
Cluster730



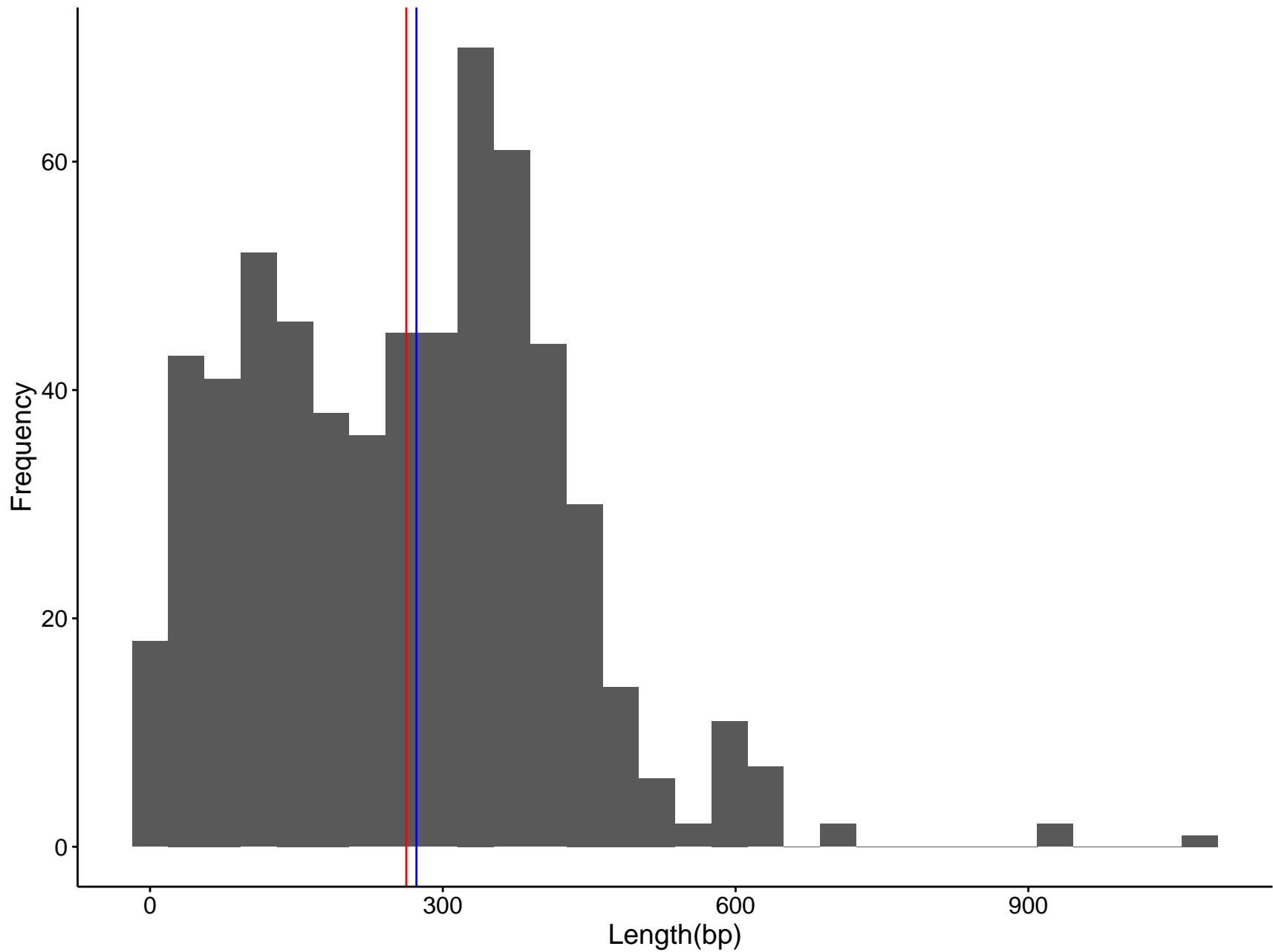
Cluster731



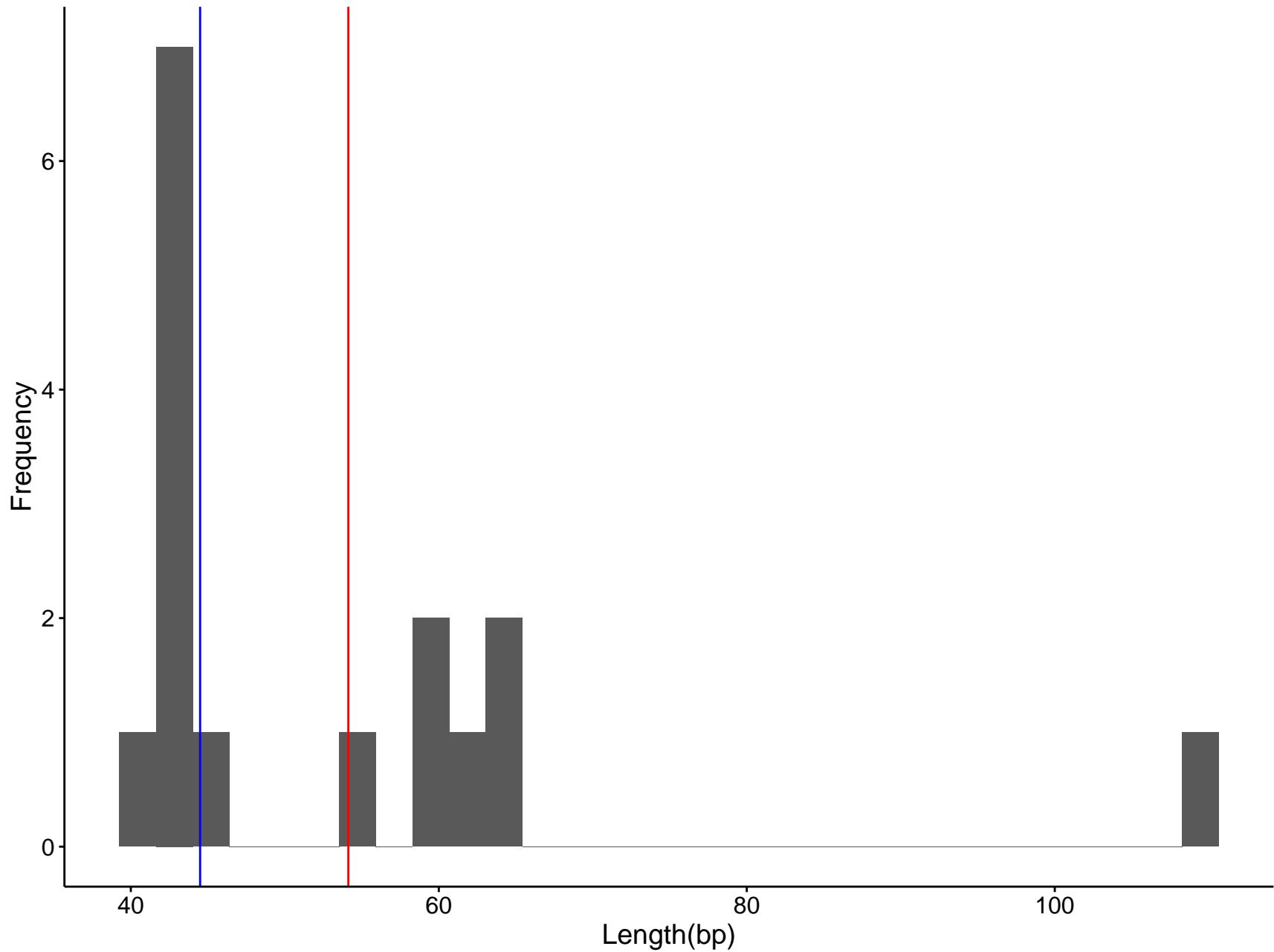
Cluster732



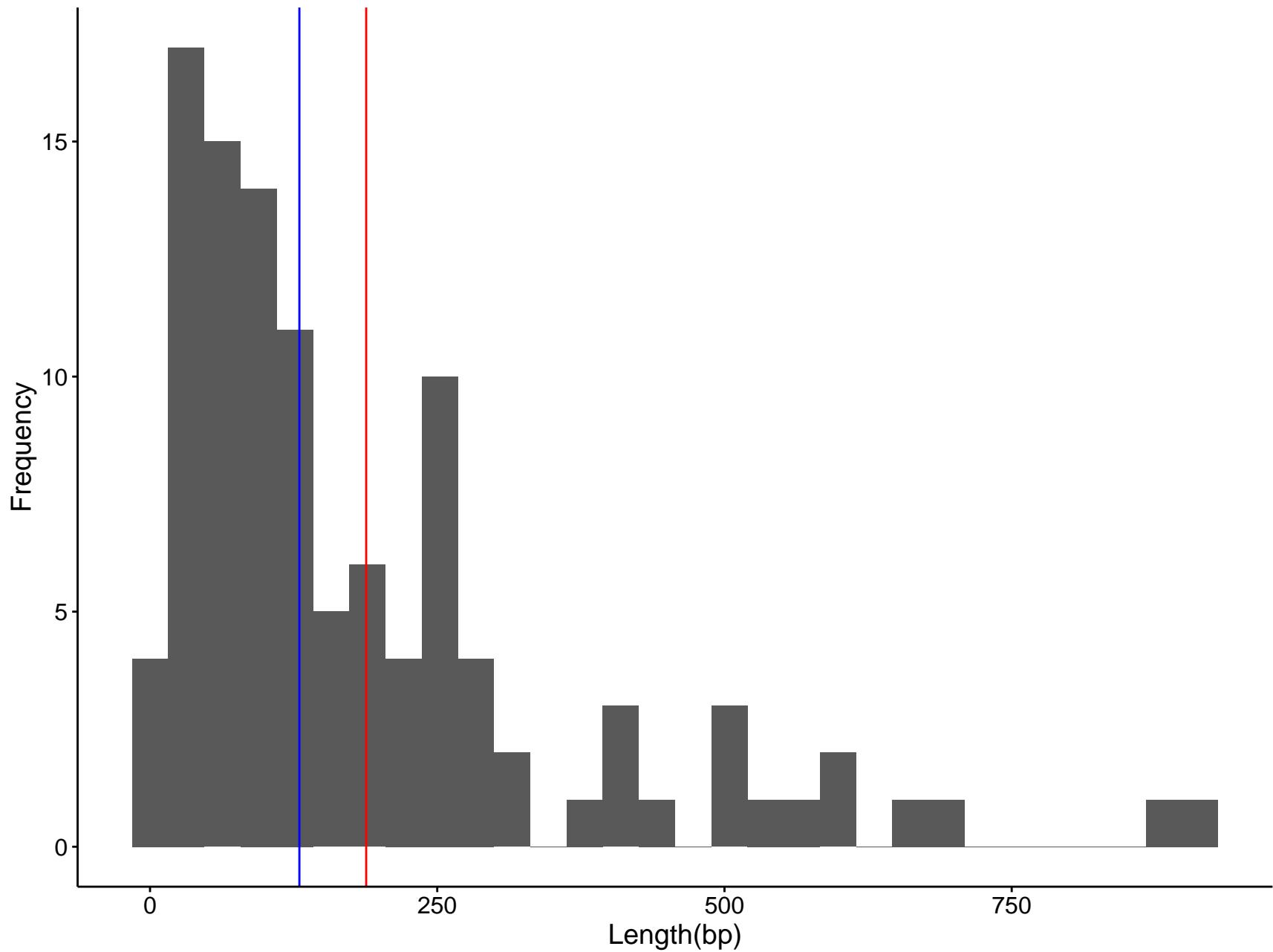
Cluster733



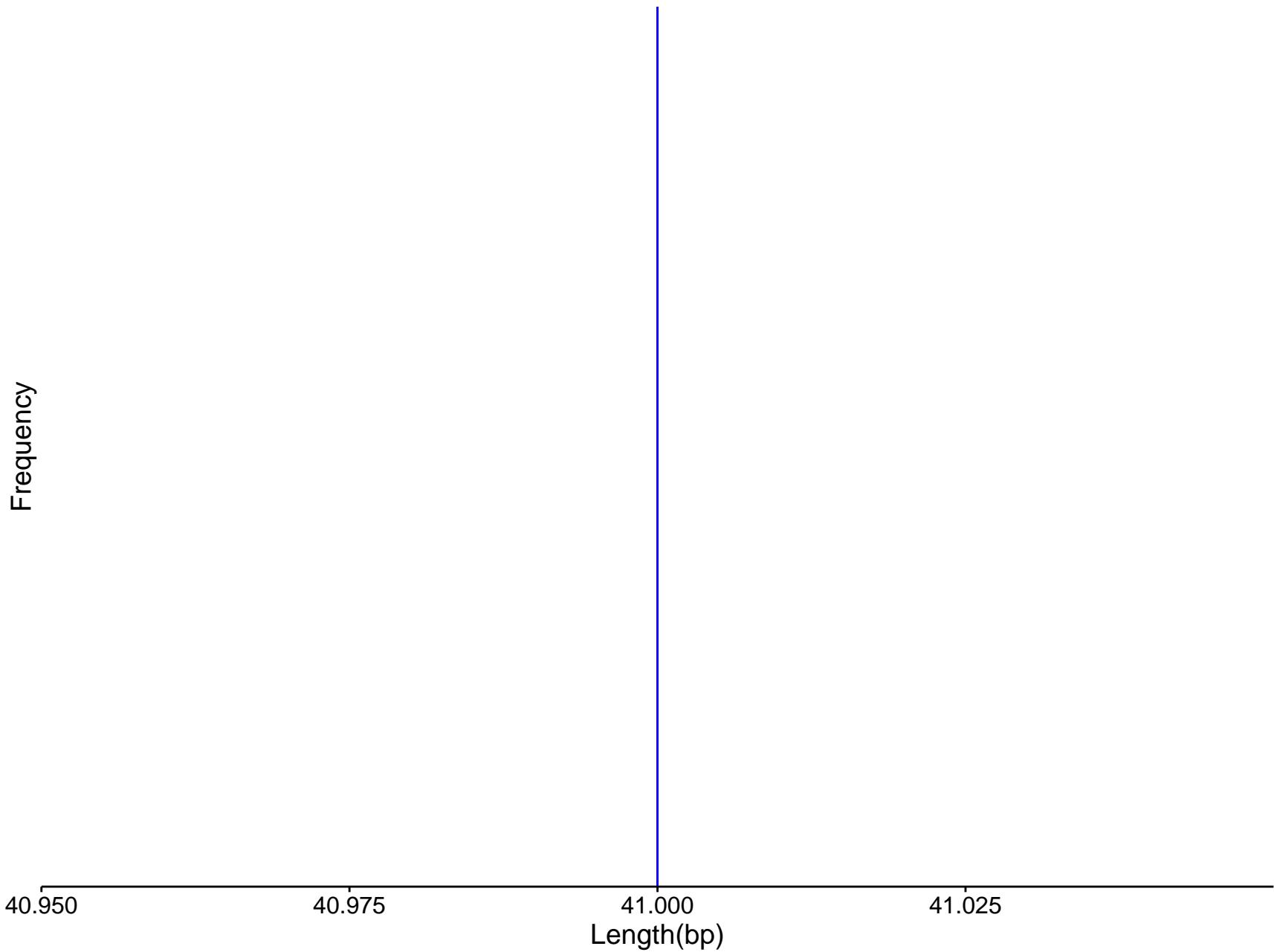
Cluster734



Cluster737



Cluster738



Cluster740

Frequency

50.950

50.975

51.000

51.025

Length(bp)



Cluster741

Frequency

50.950

50.975

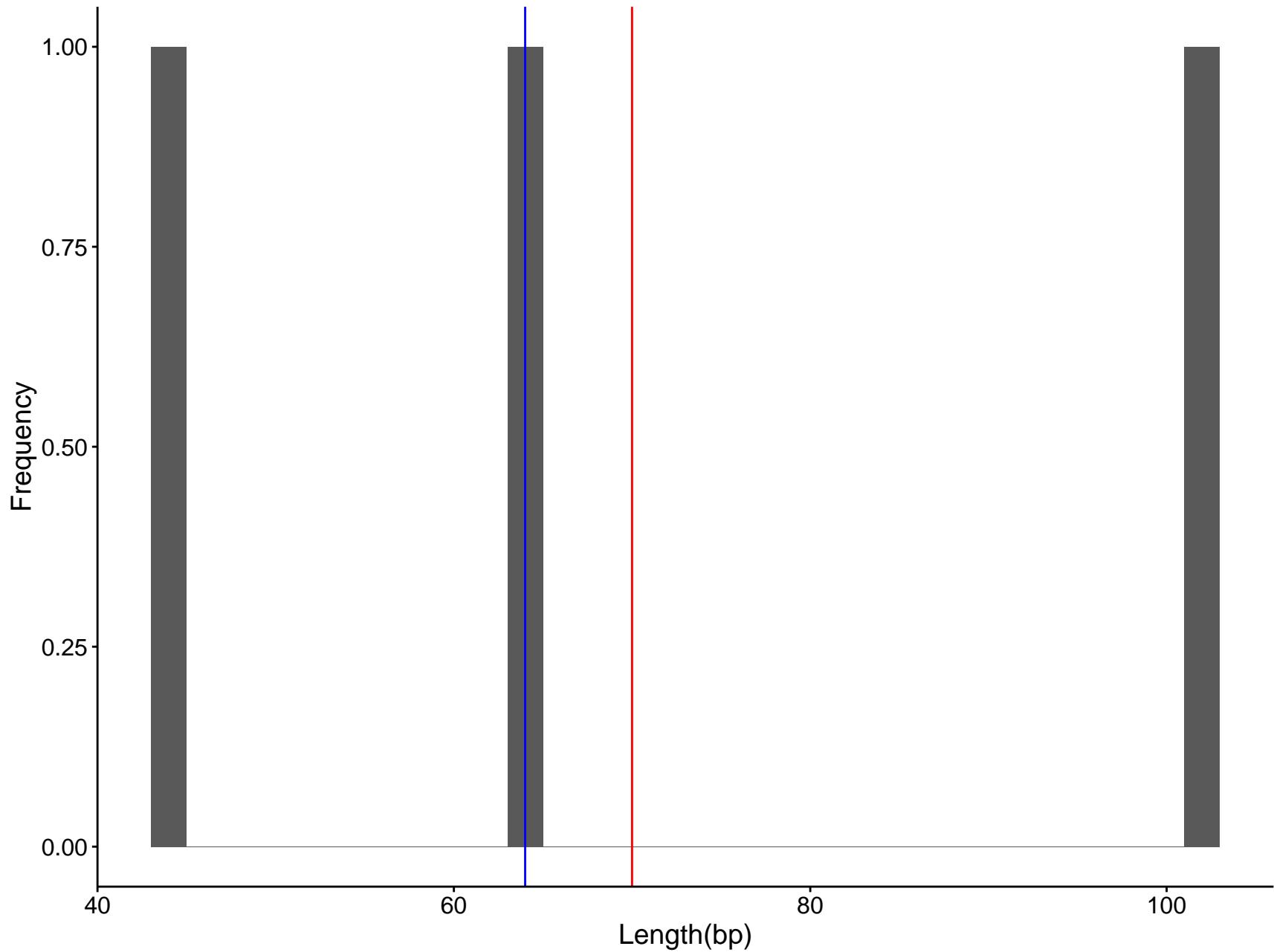
51.000

51.025

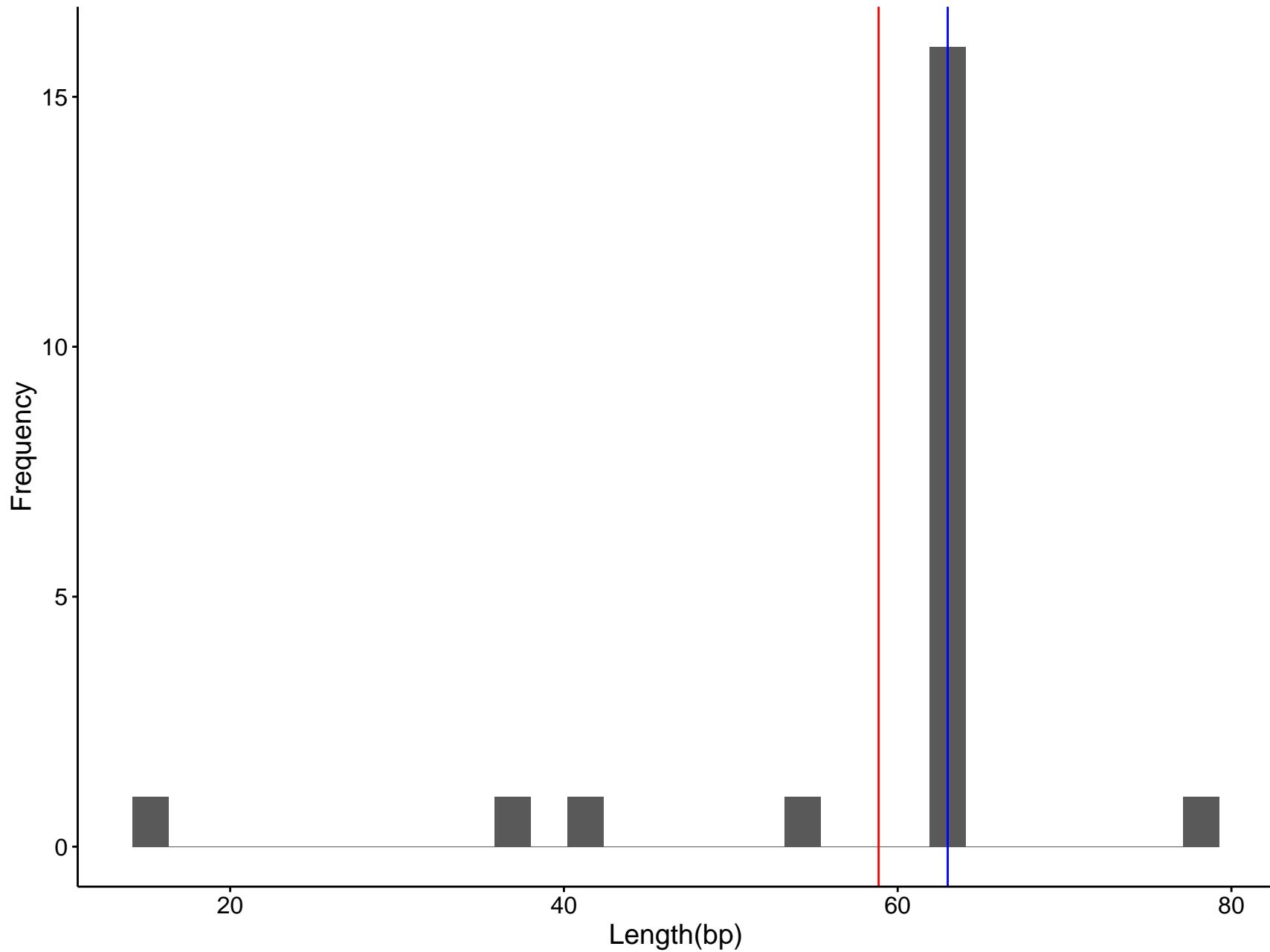
Length(bp)



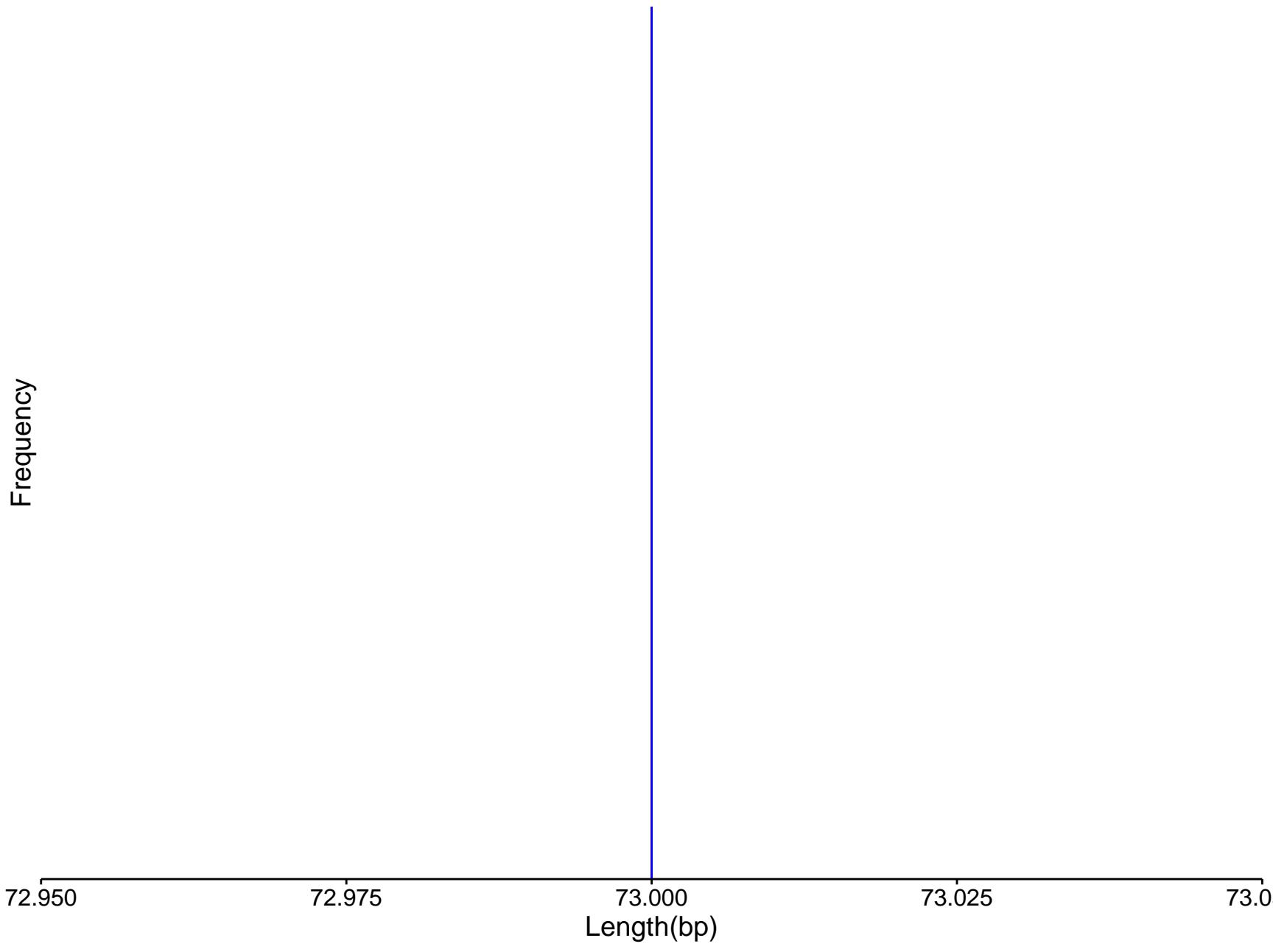
Cluster743



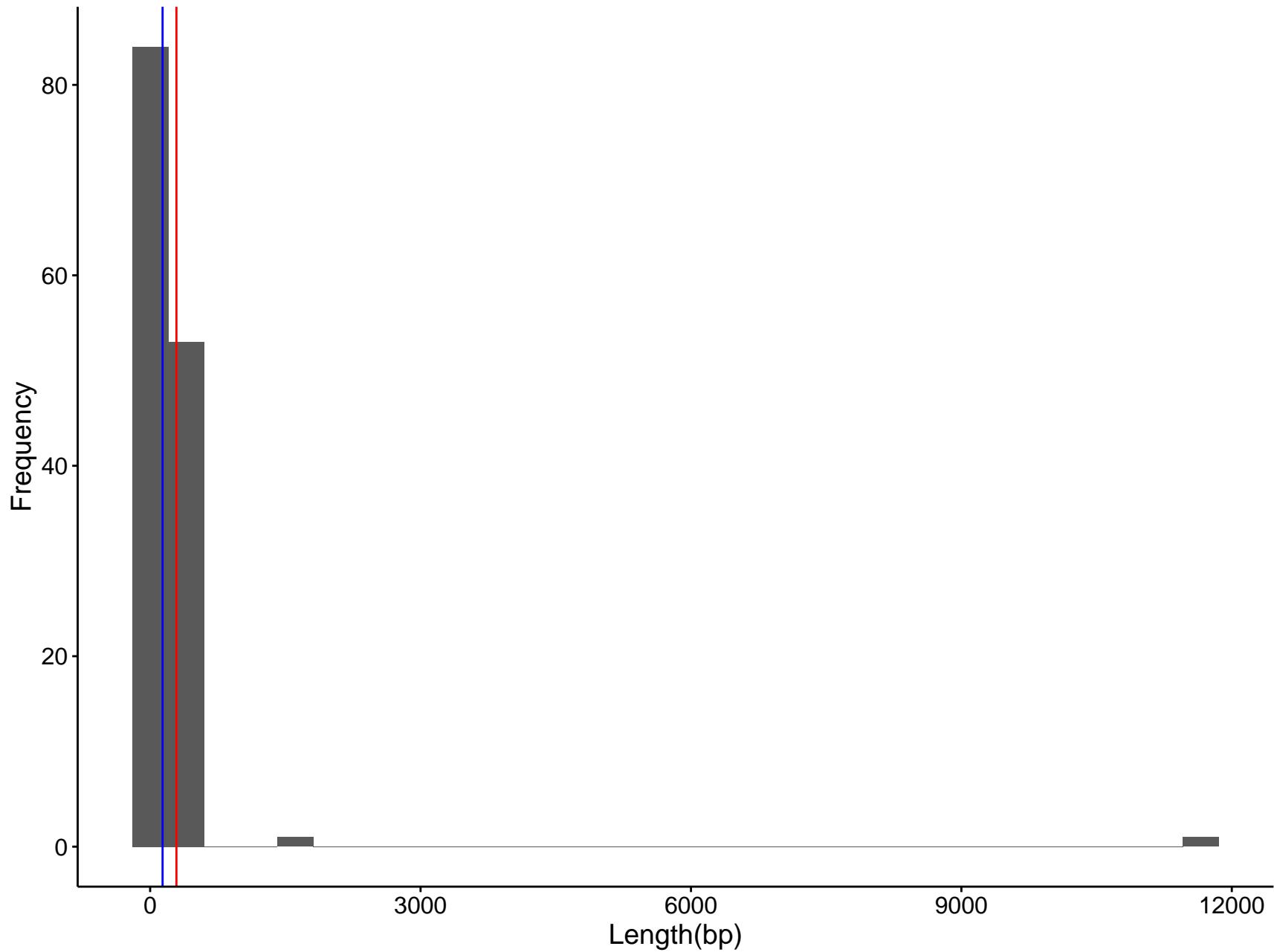
Cluster744



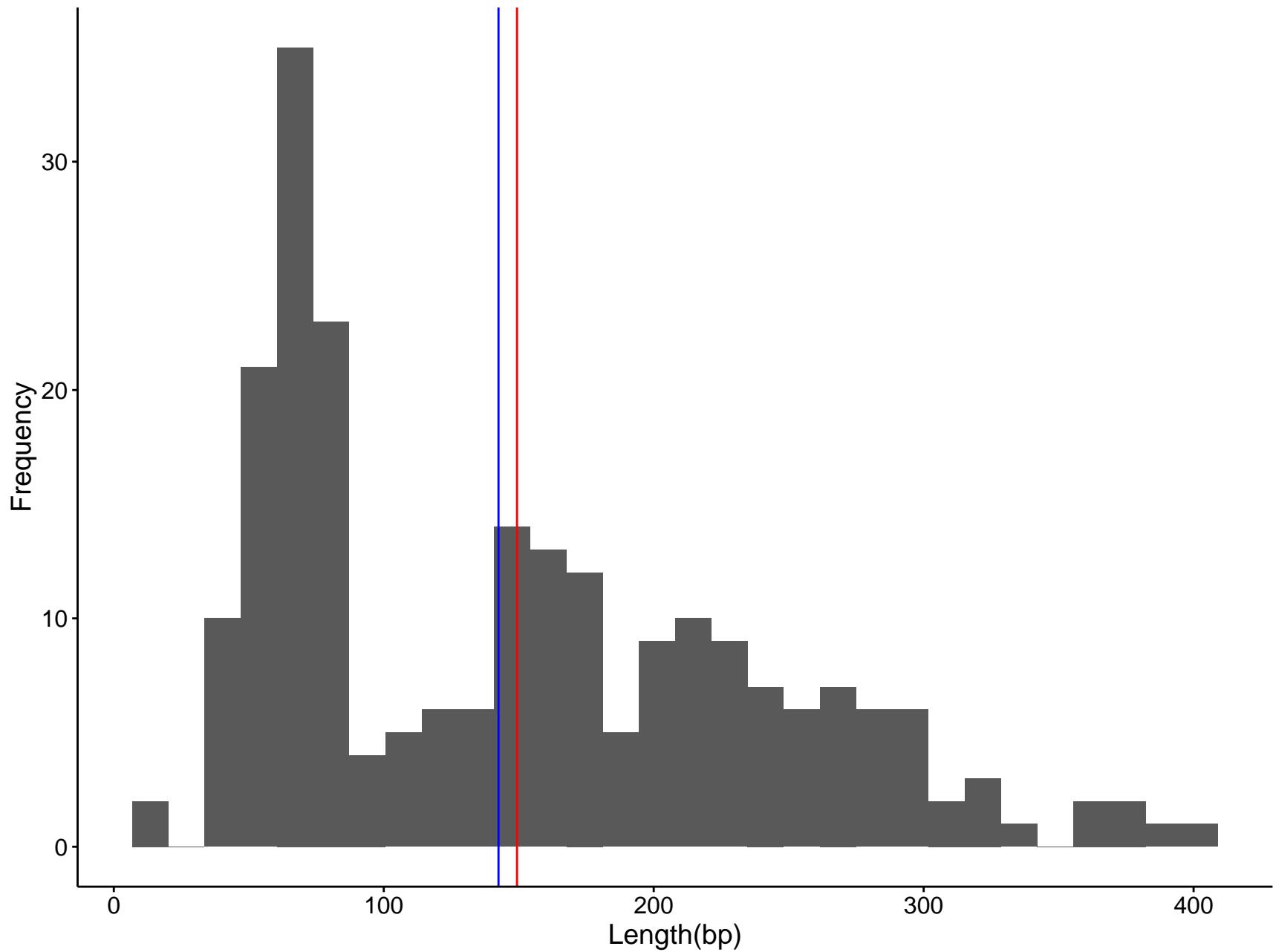
Cluster748



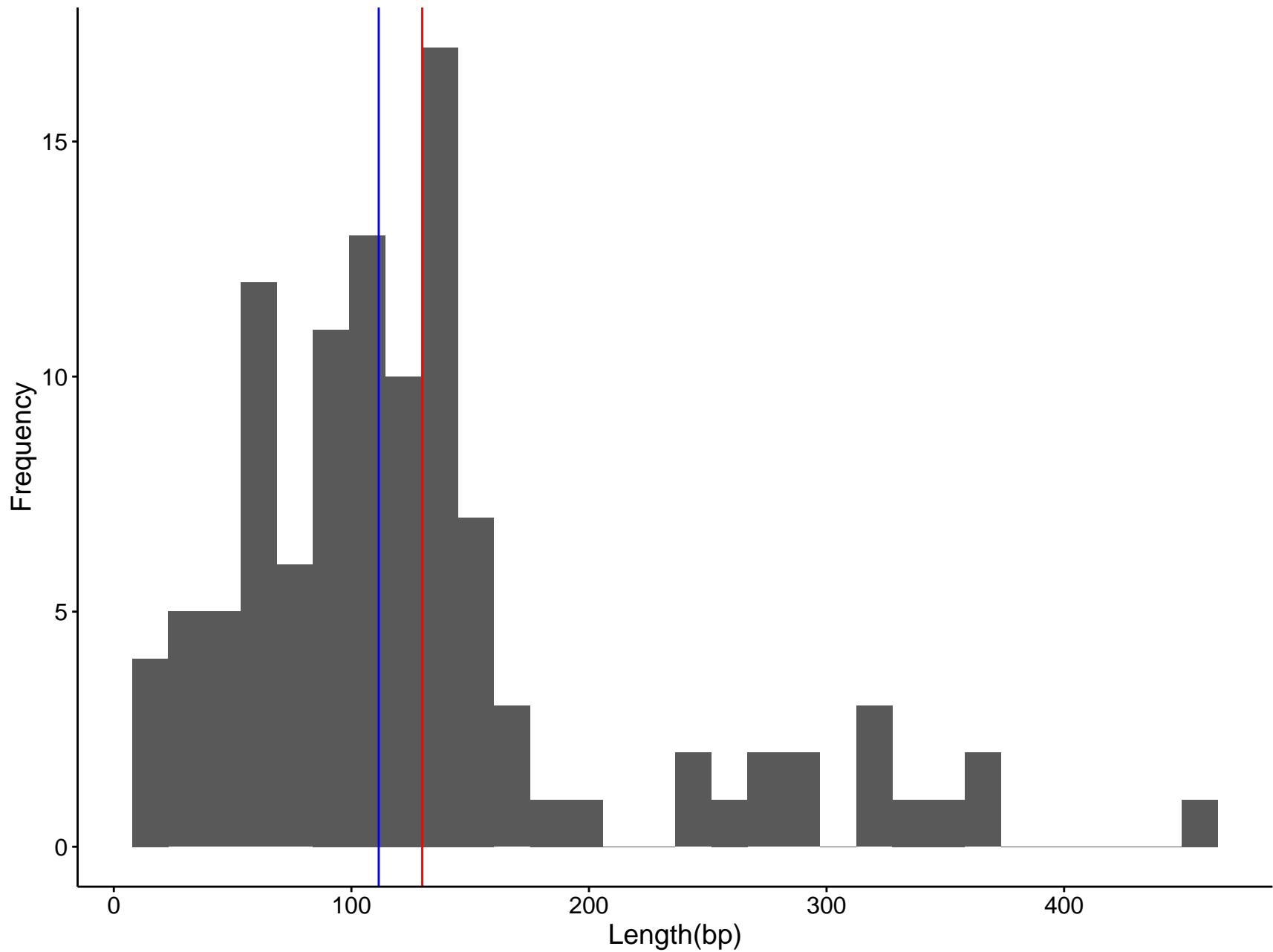
Cluster74



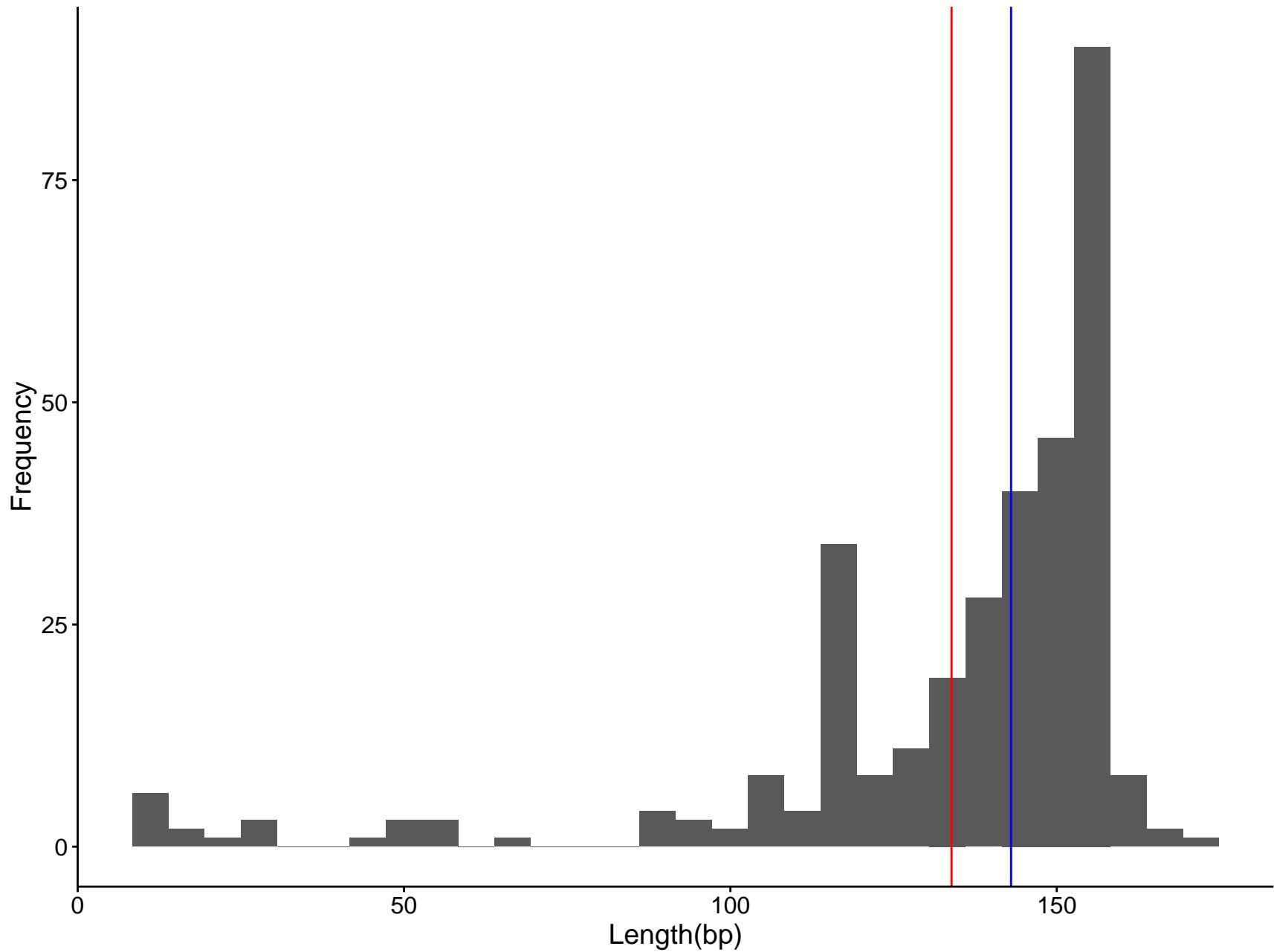
Cluster750



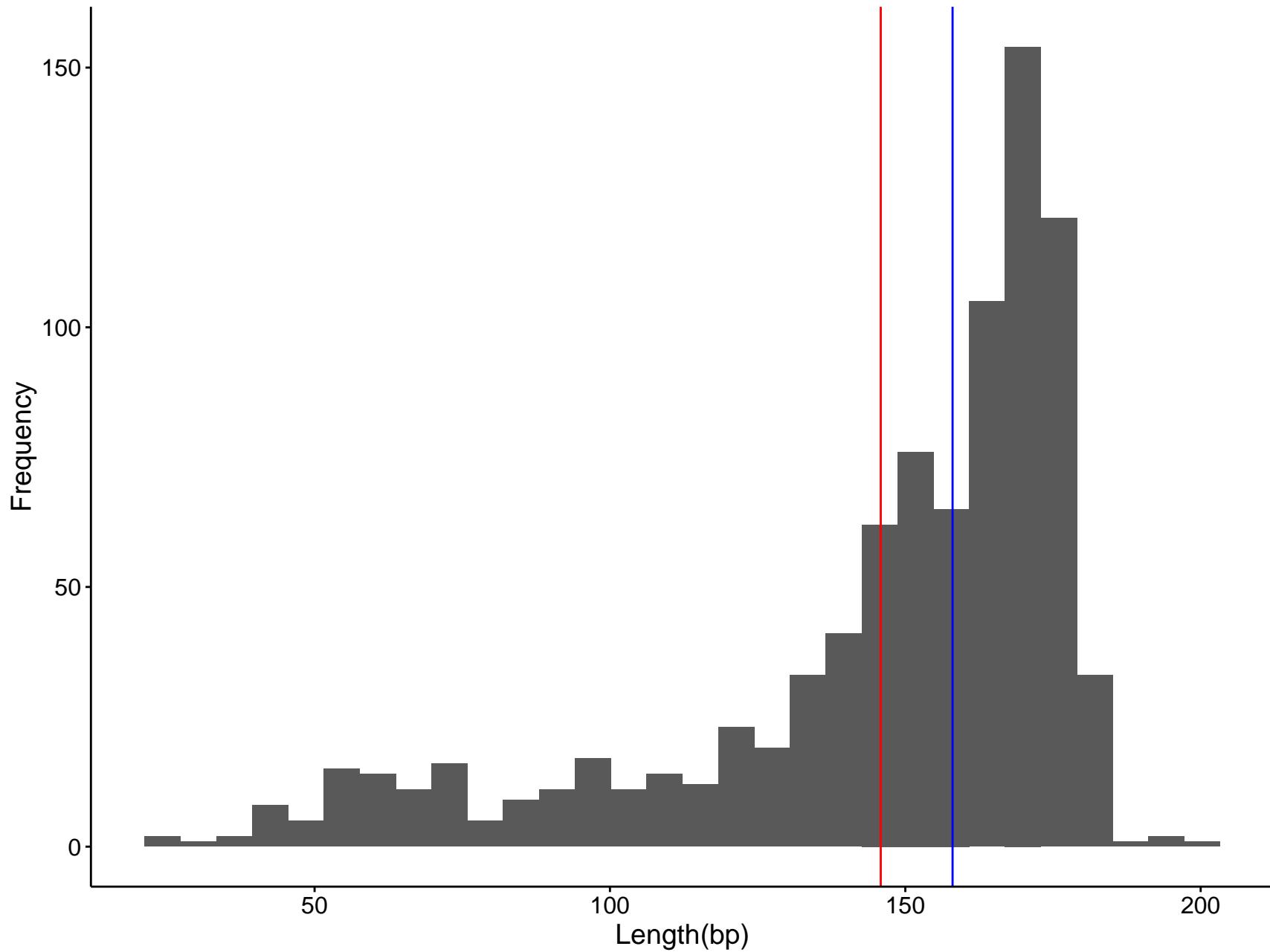
Cluster752



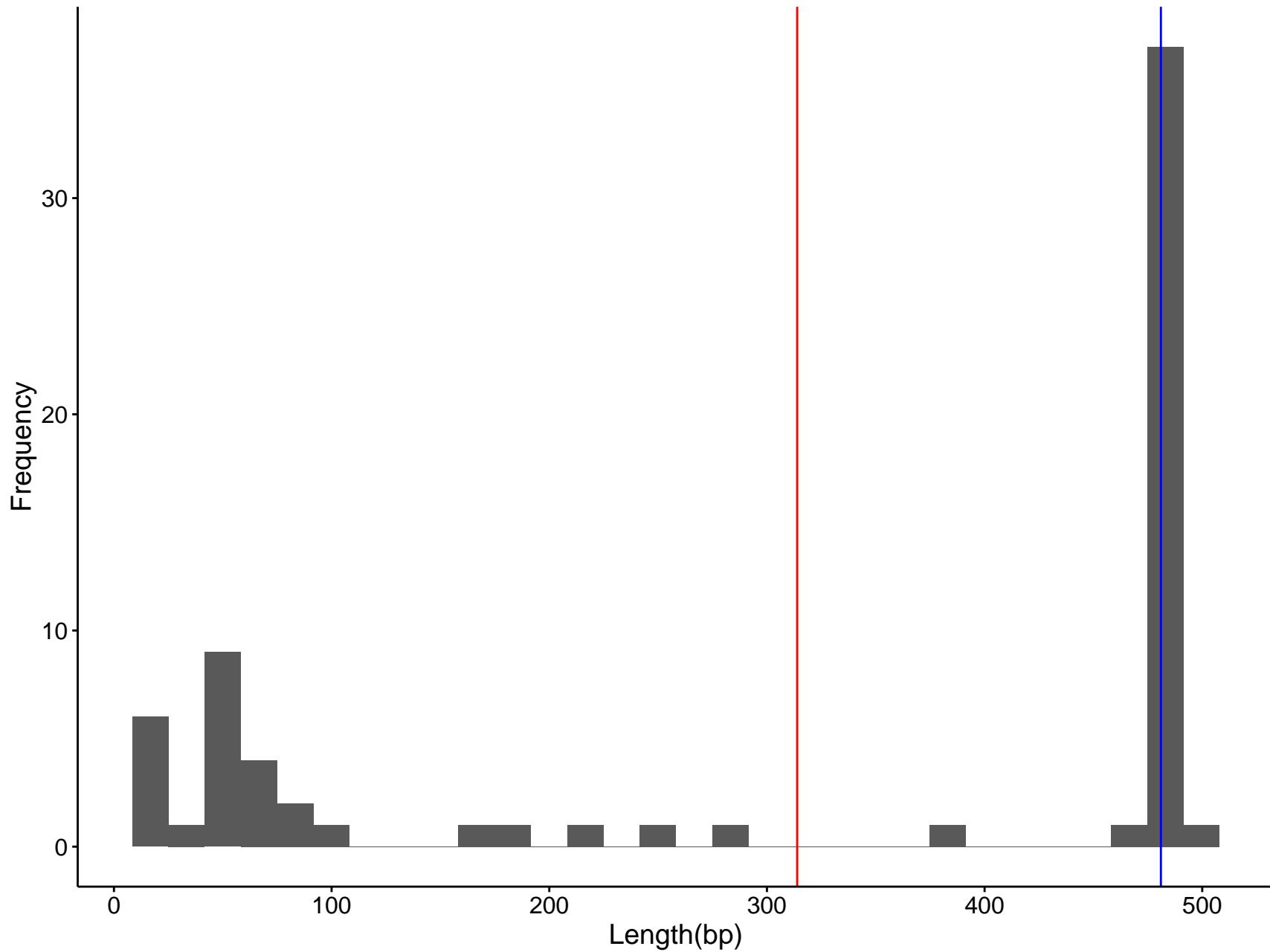
Cluster753



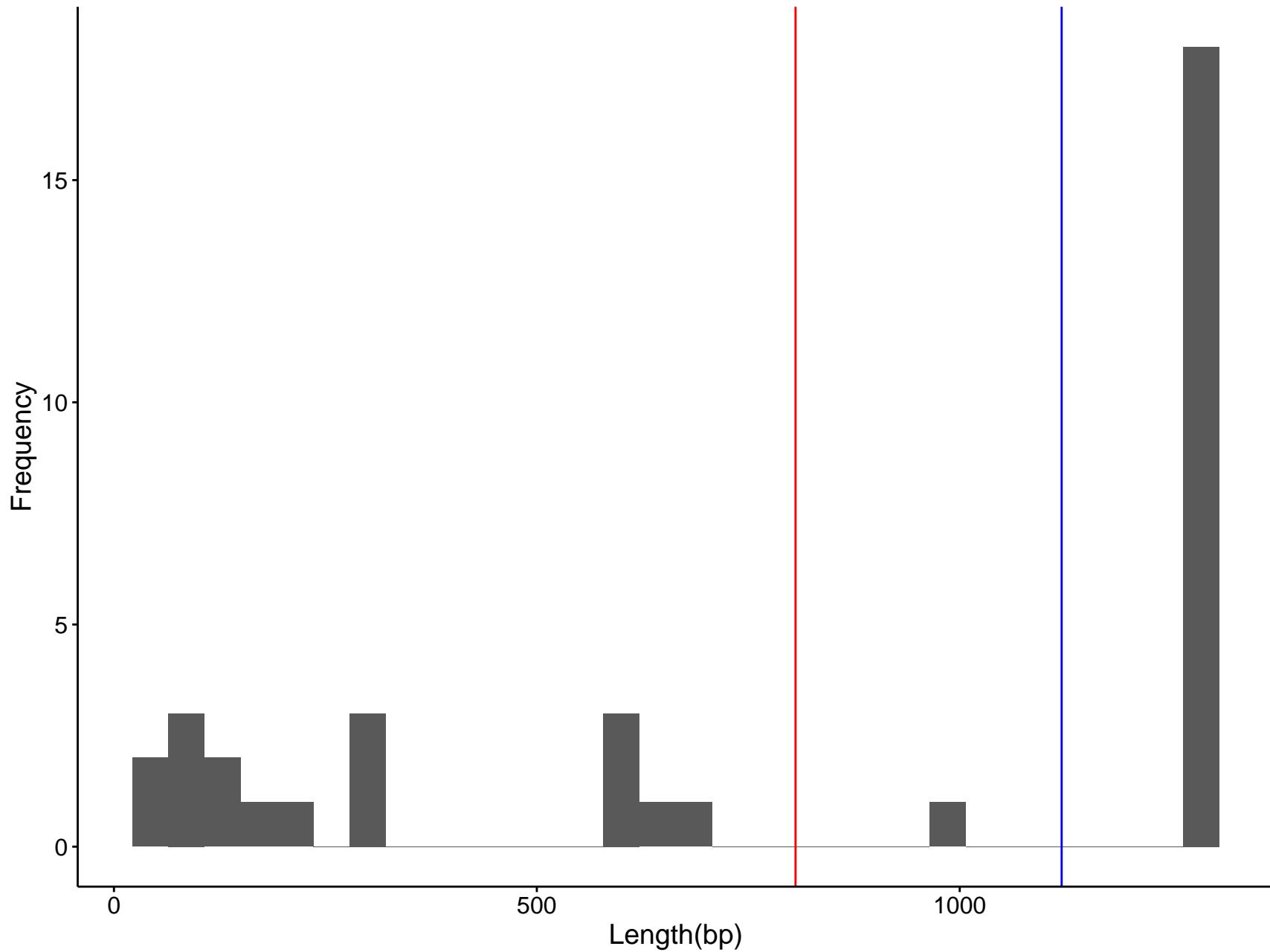
Cluster754



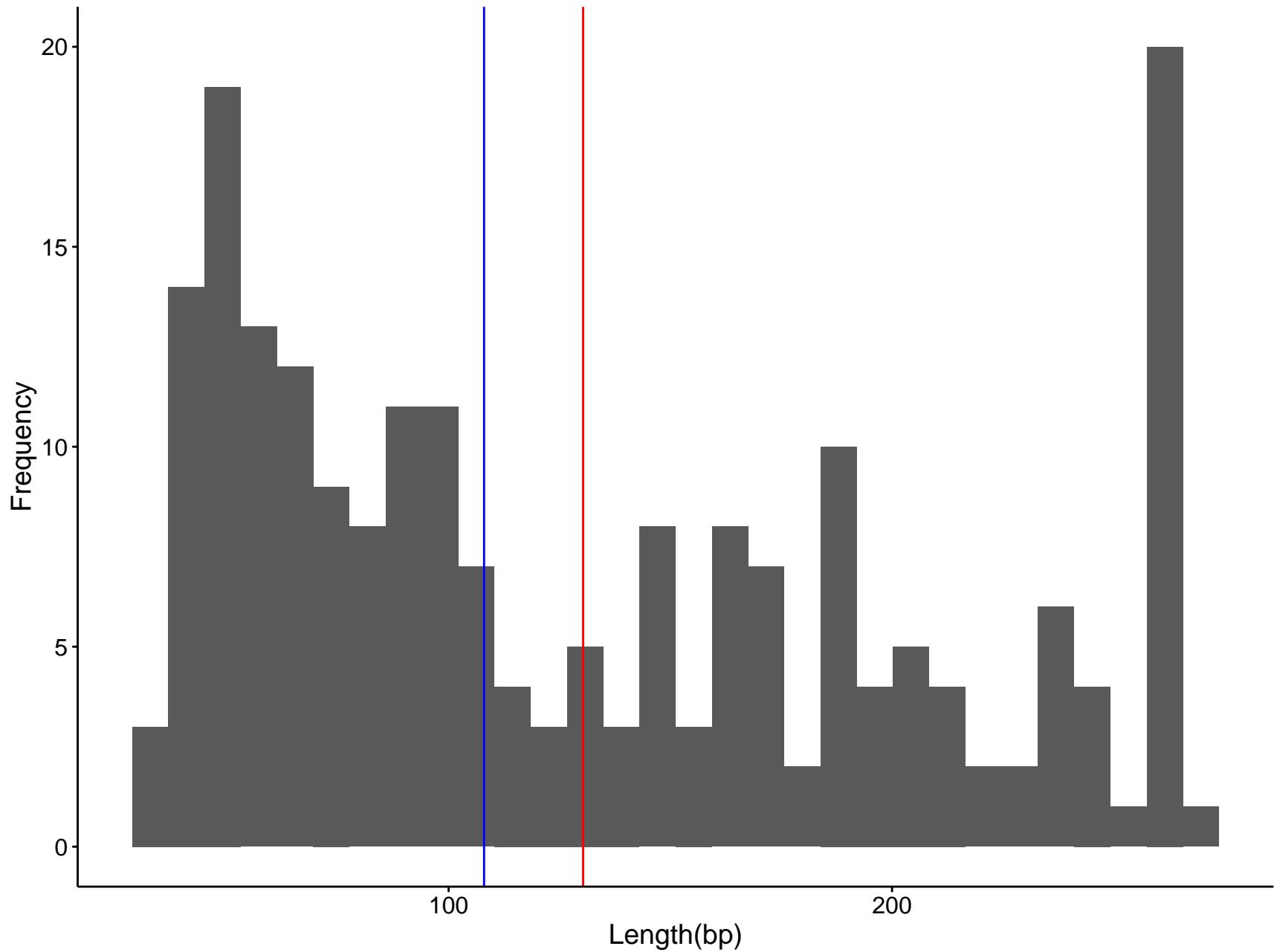
Cluster756



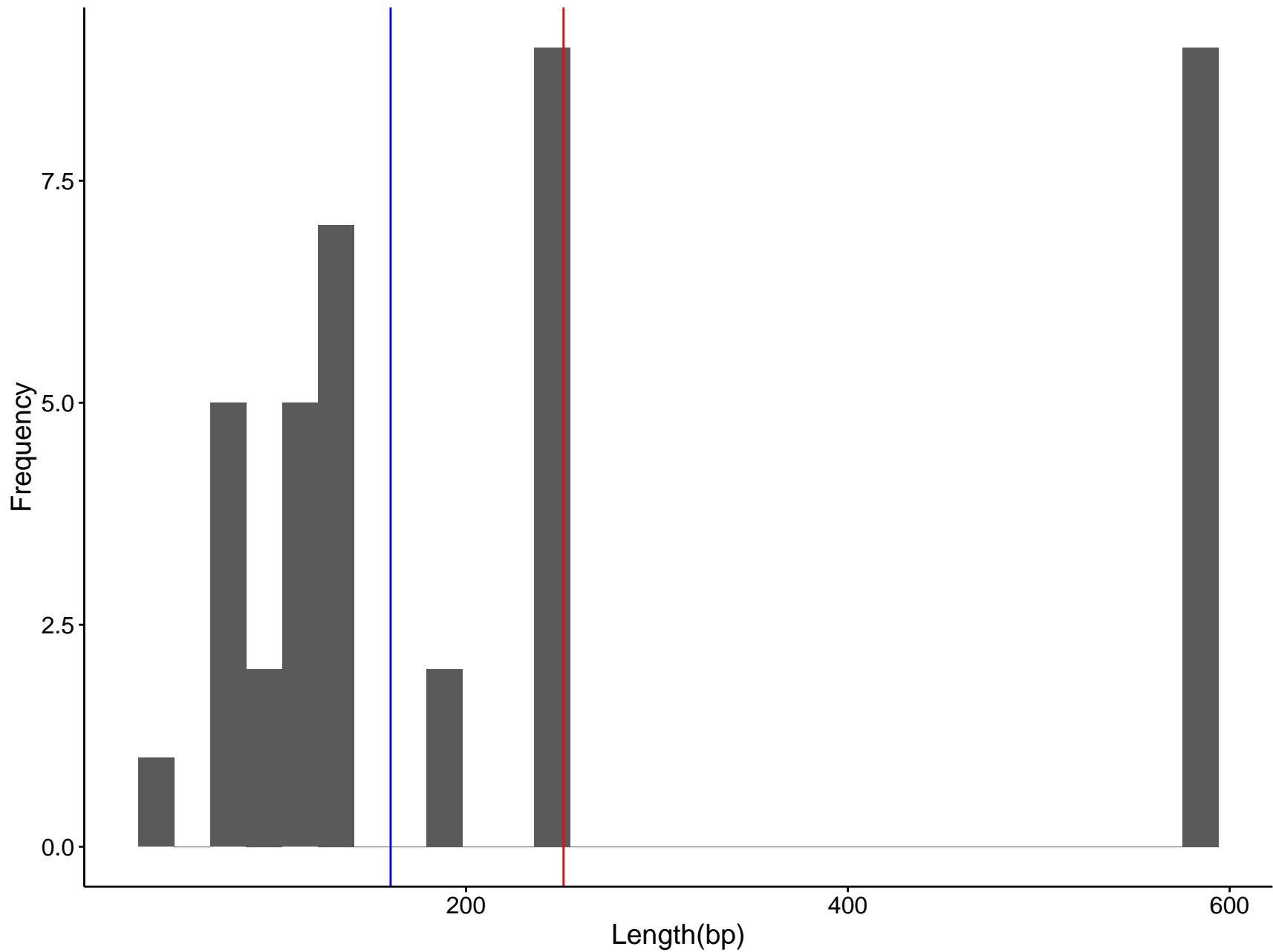
Cluster757

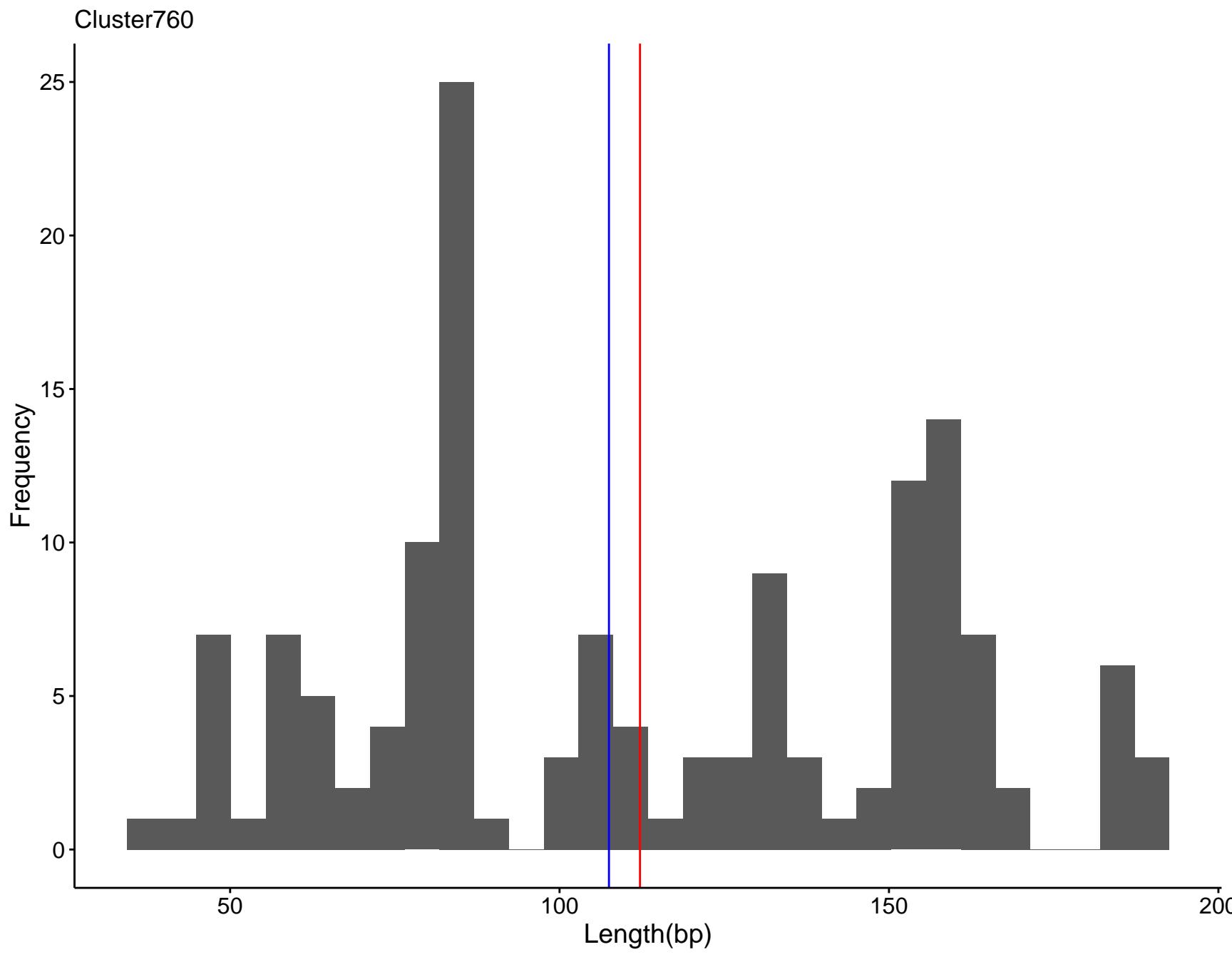


Cluster758

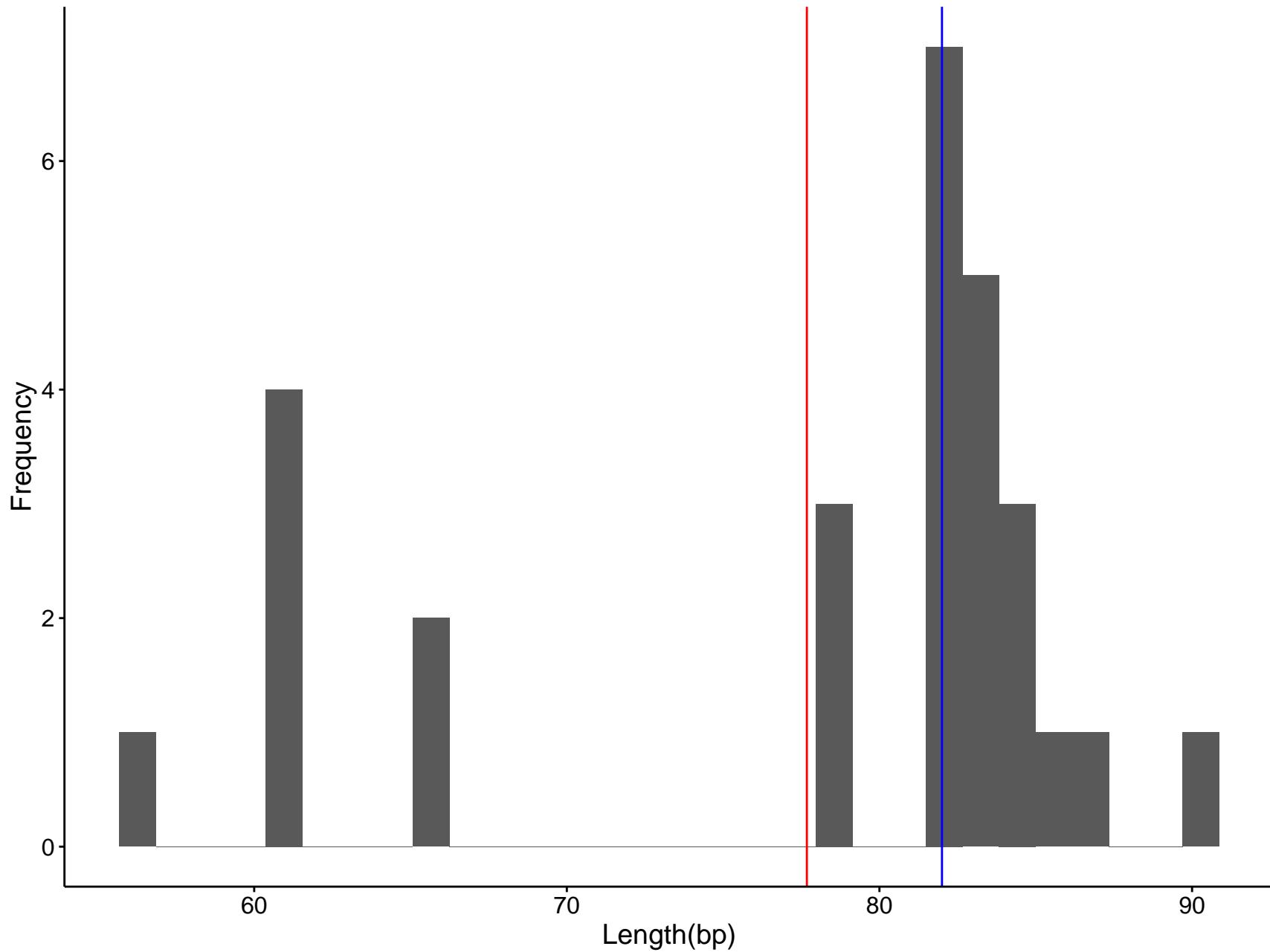


Cluster759

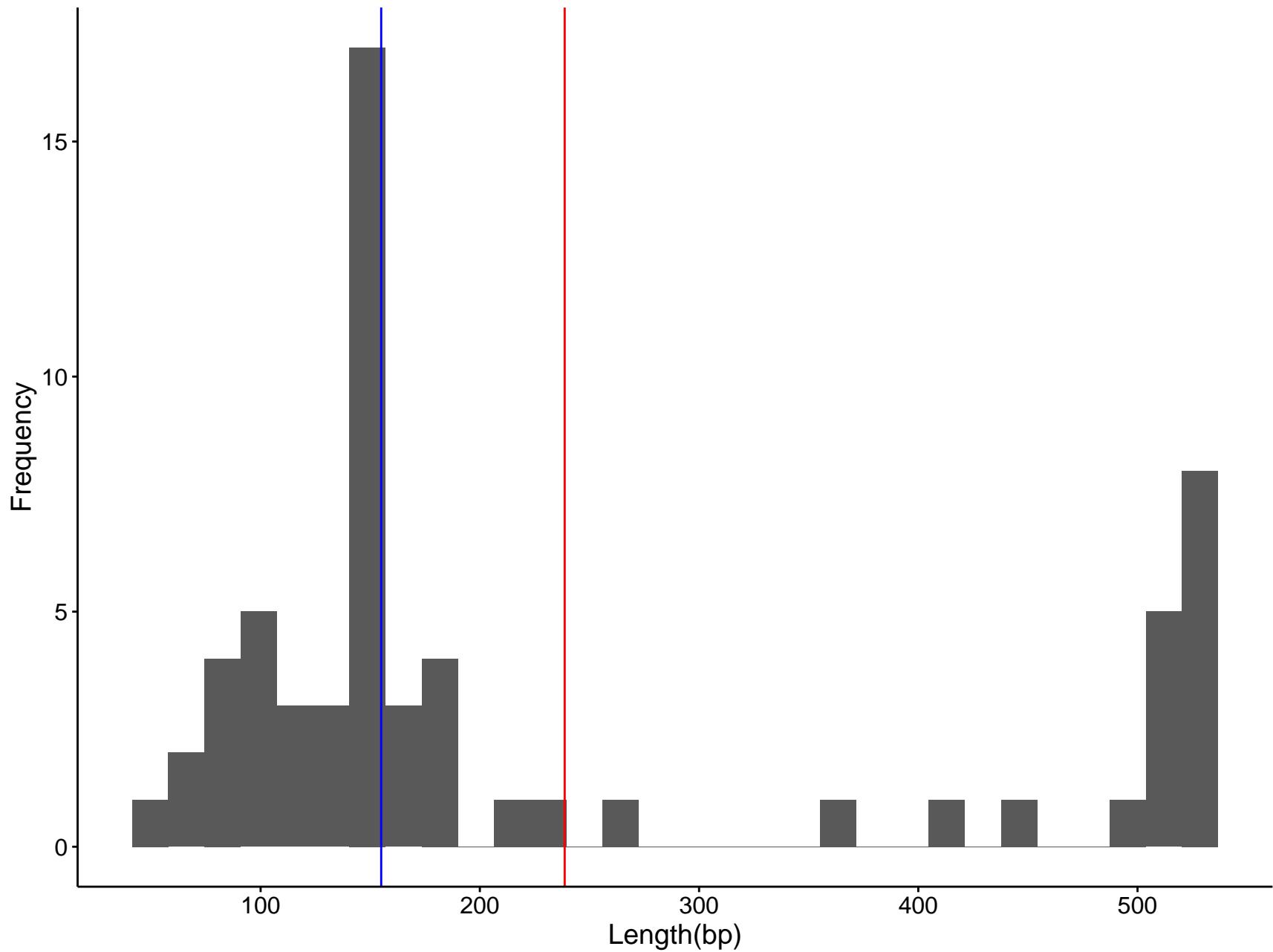




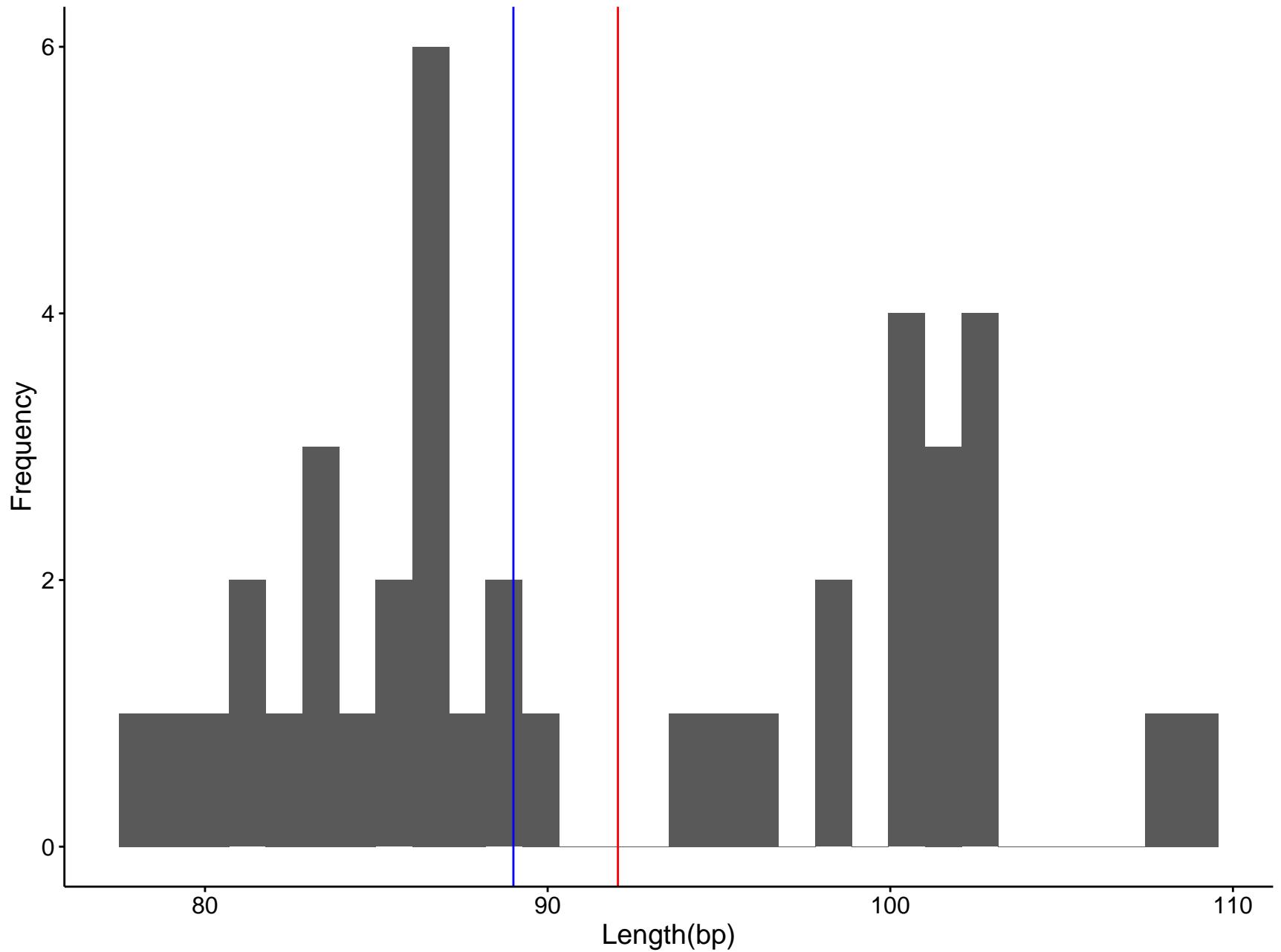
Cluster761



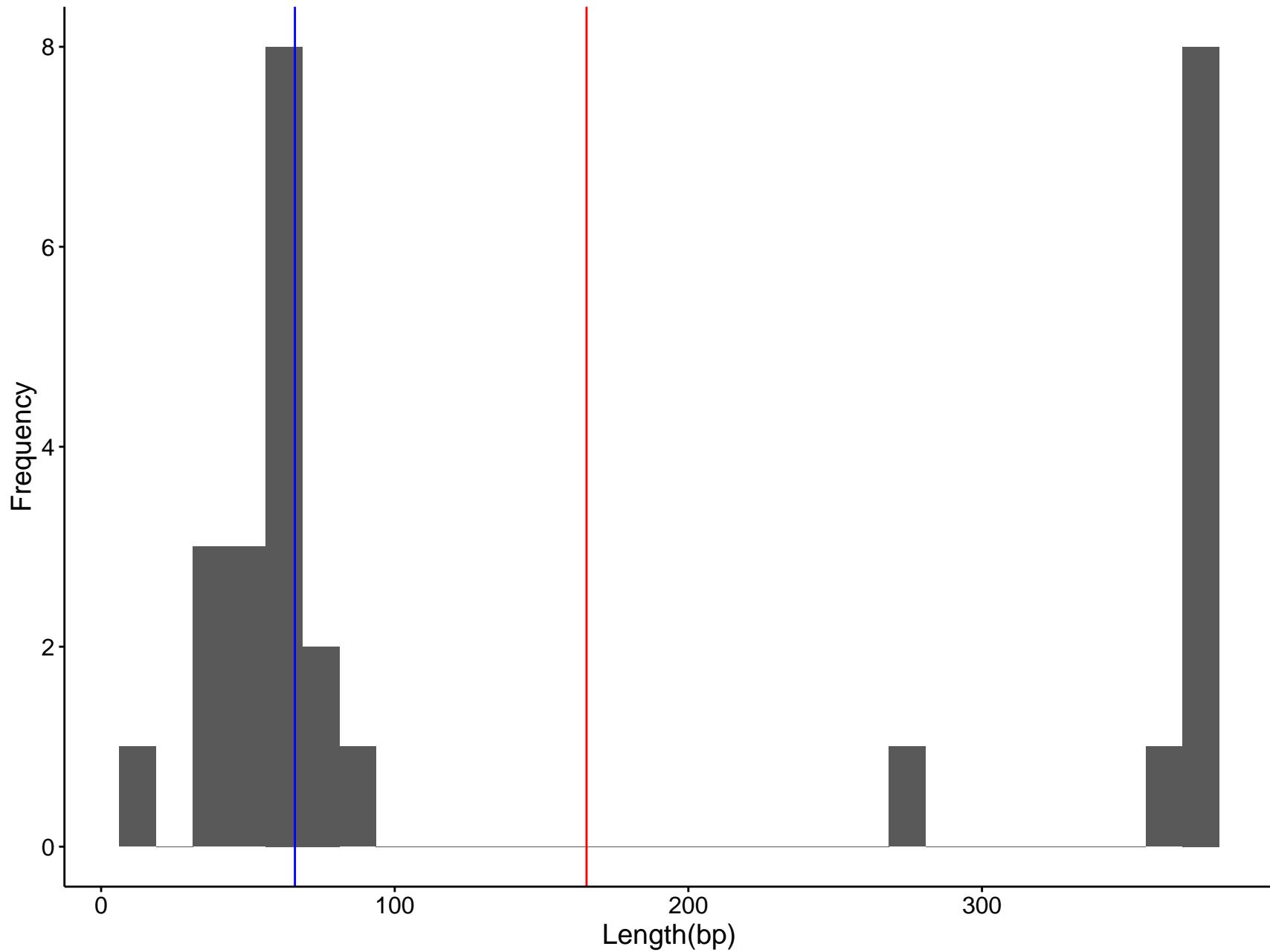
Cluster762



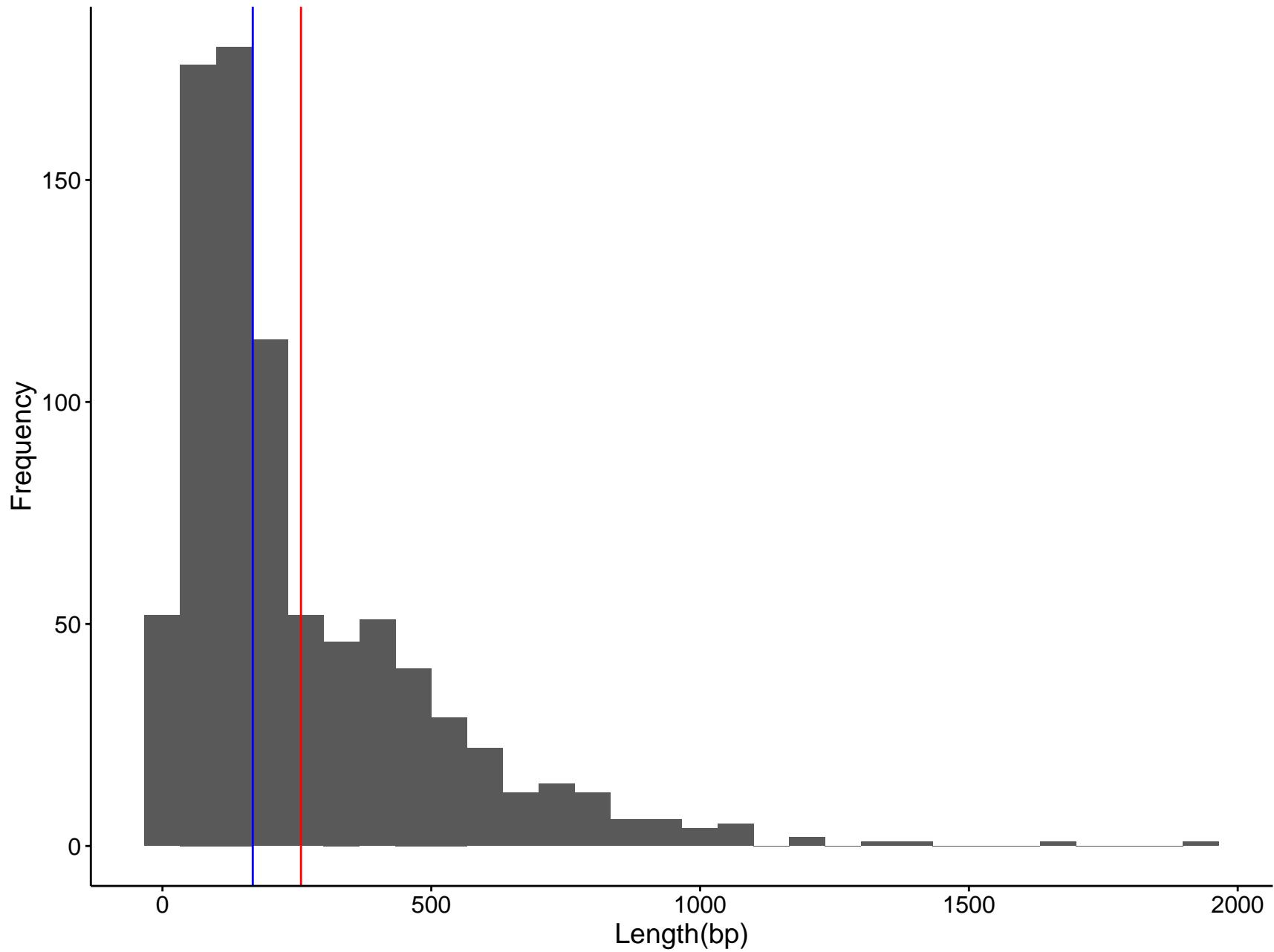
Cluster766



Cluster767



Cluster768



Cluster769

Frequency

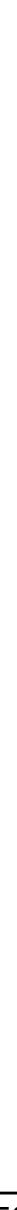
4649.950

4649.975

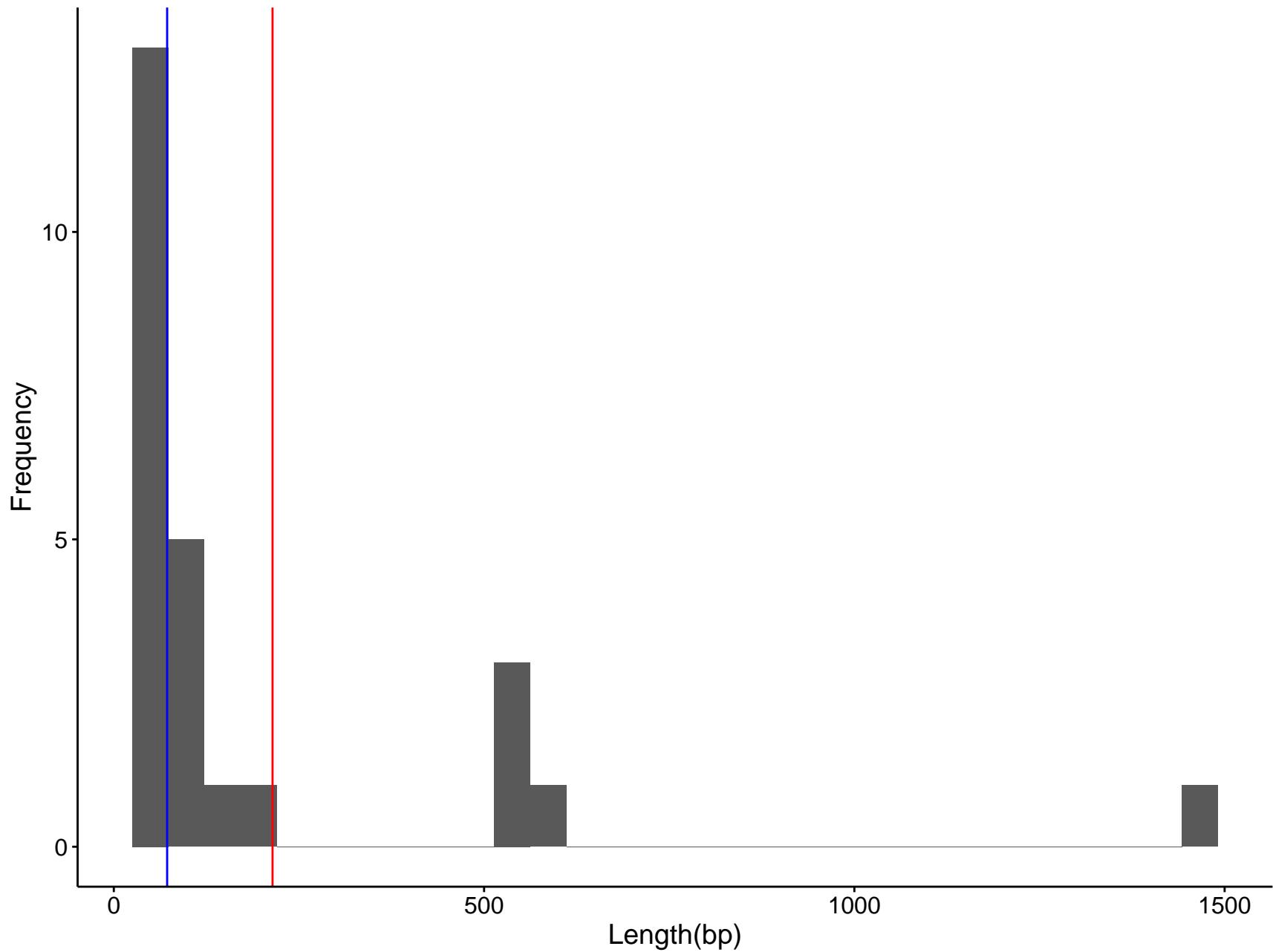
4650.000
Length(bp)

4650.025

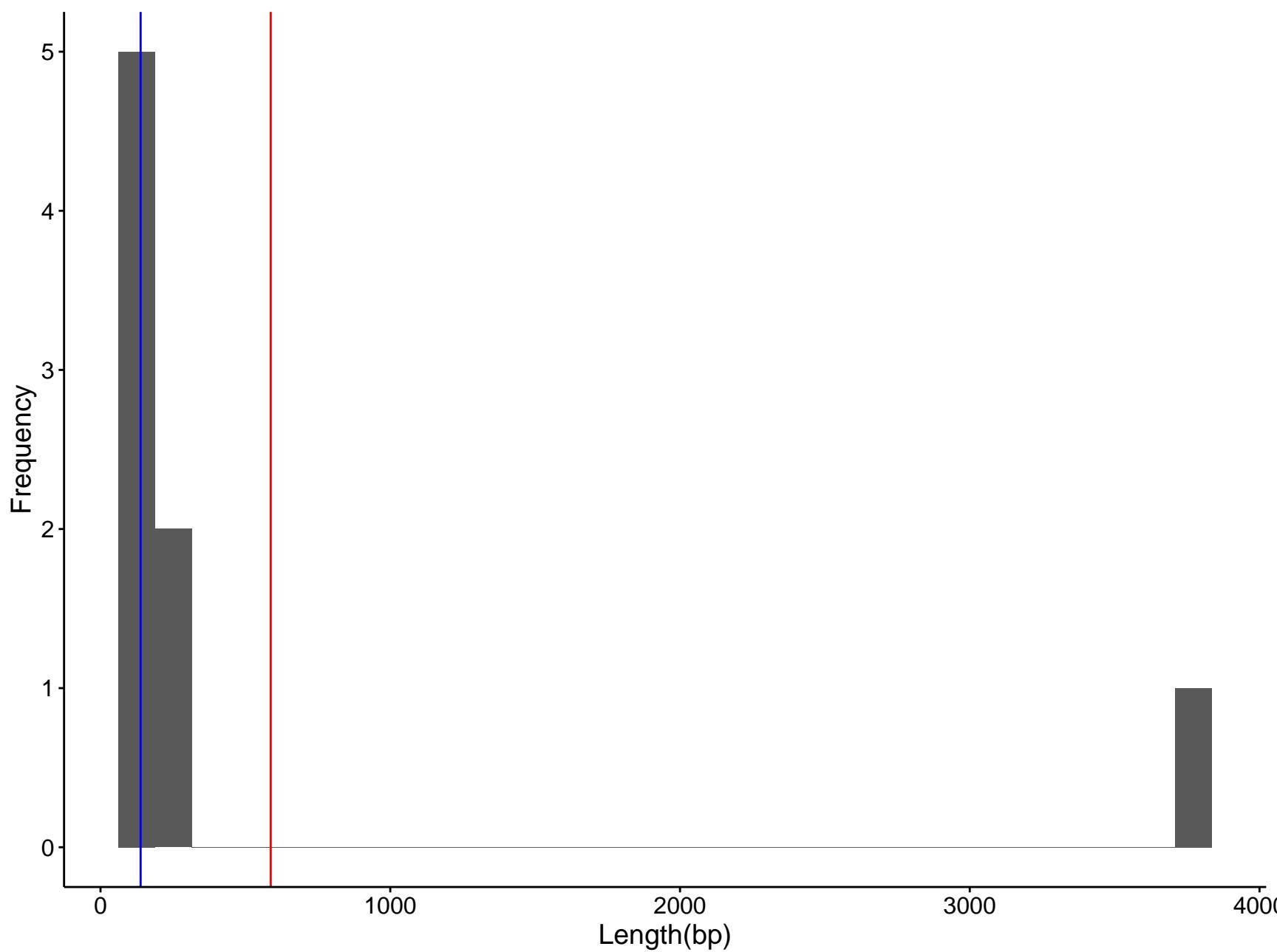
4650.



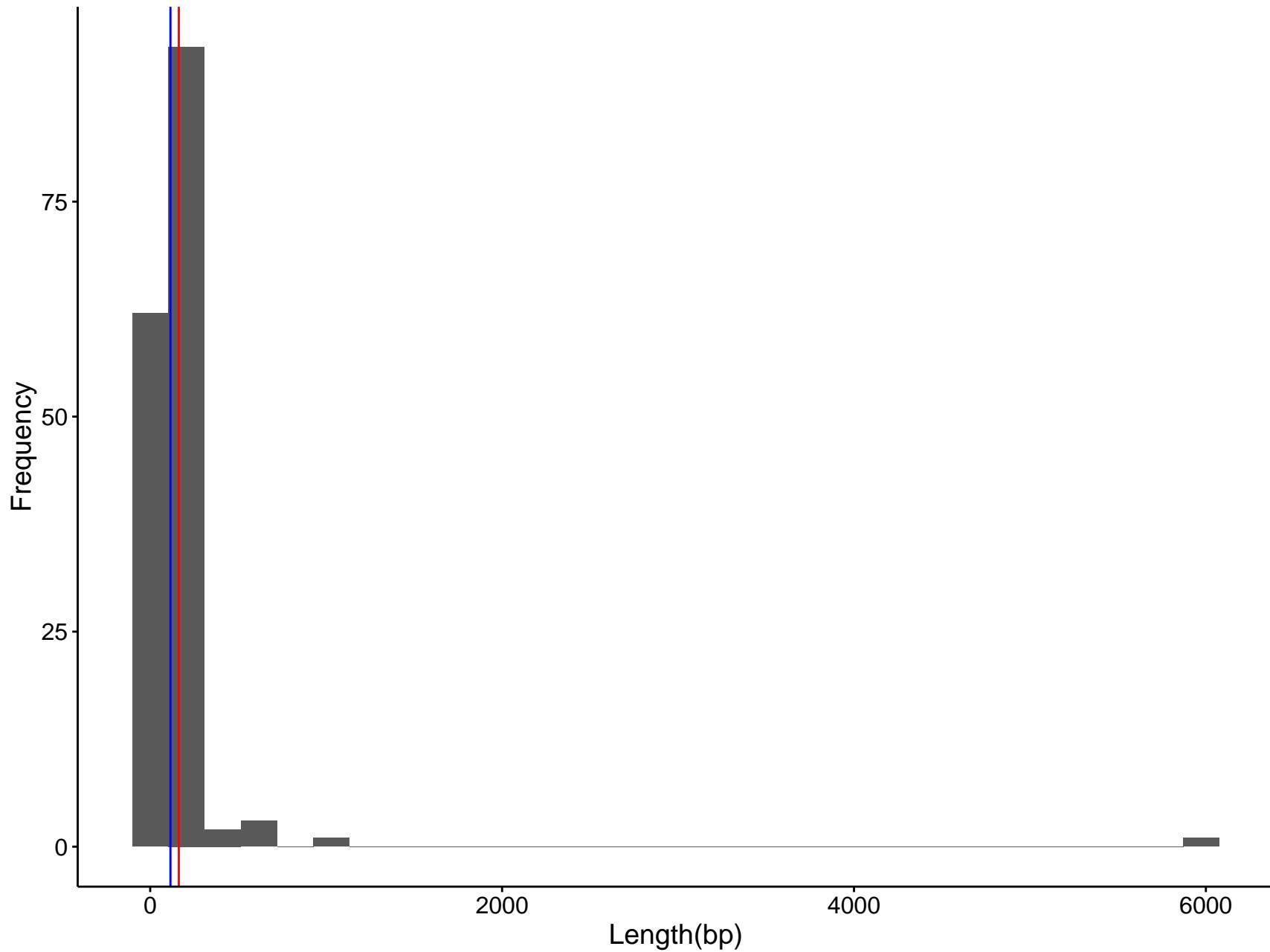
Cluster76



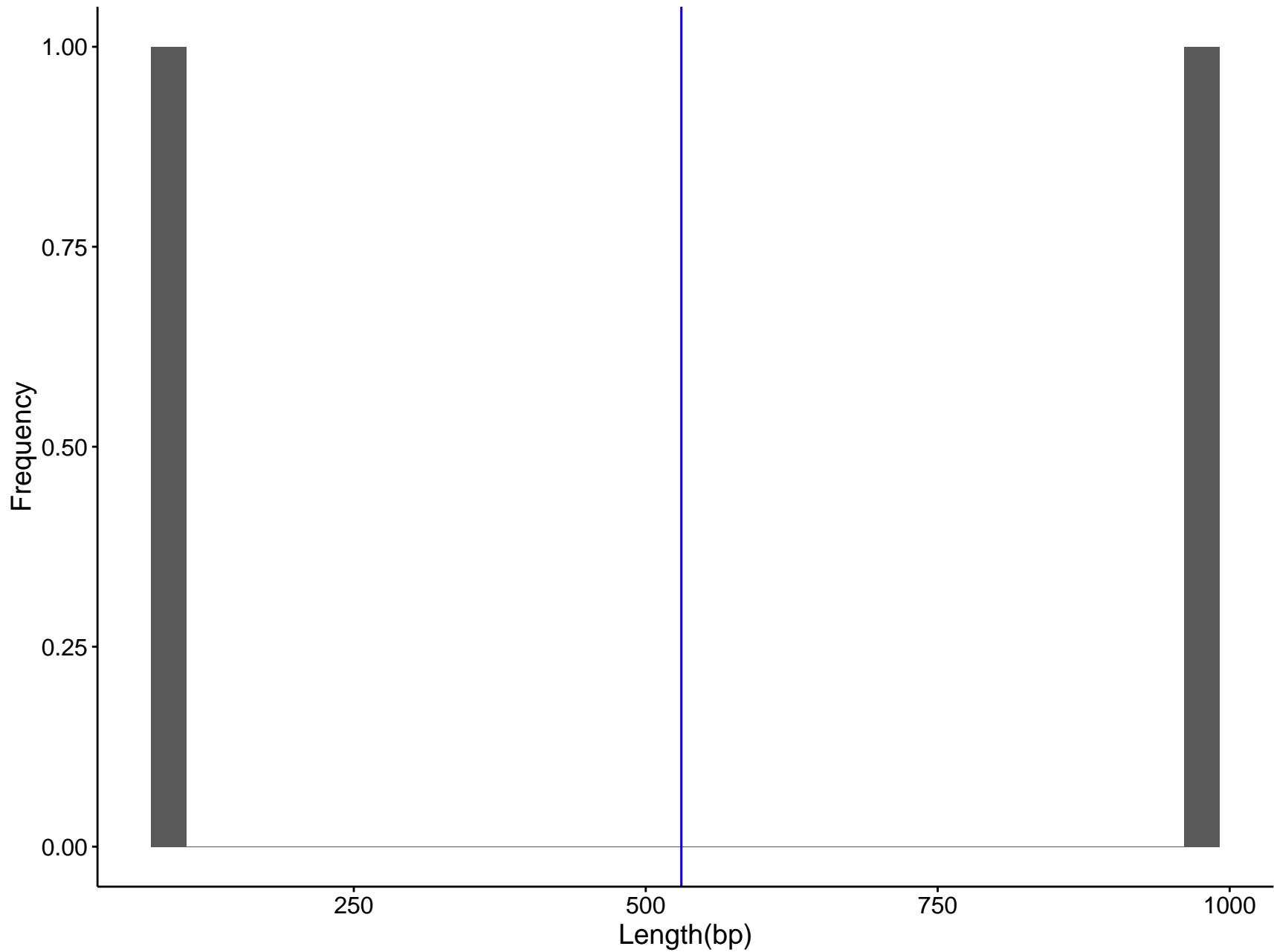
Cluster770



Cluster772



Cluster773



Cluster776

Frequency

612.950

612.975

613.000

613.025

Length(bp)



Cluster777

Frequency

276.950

276.975

277.000

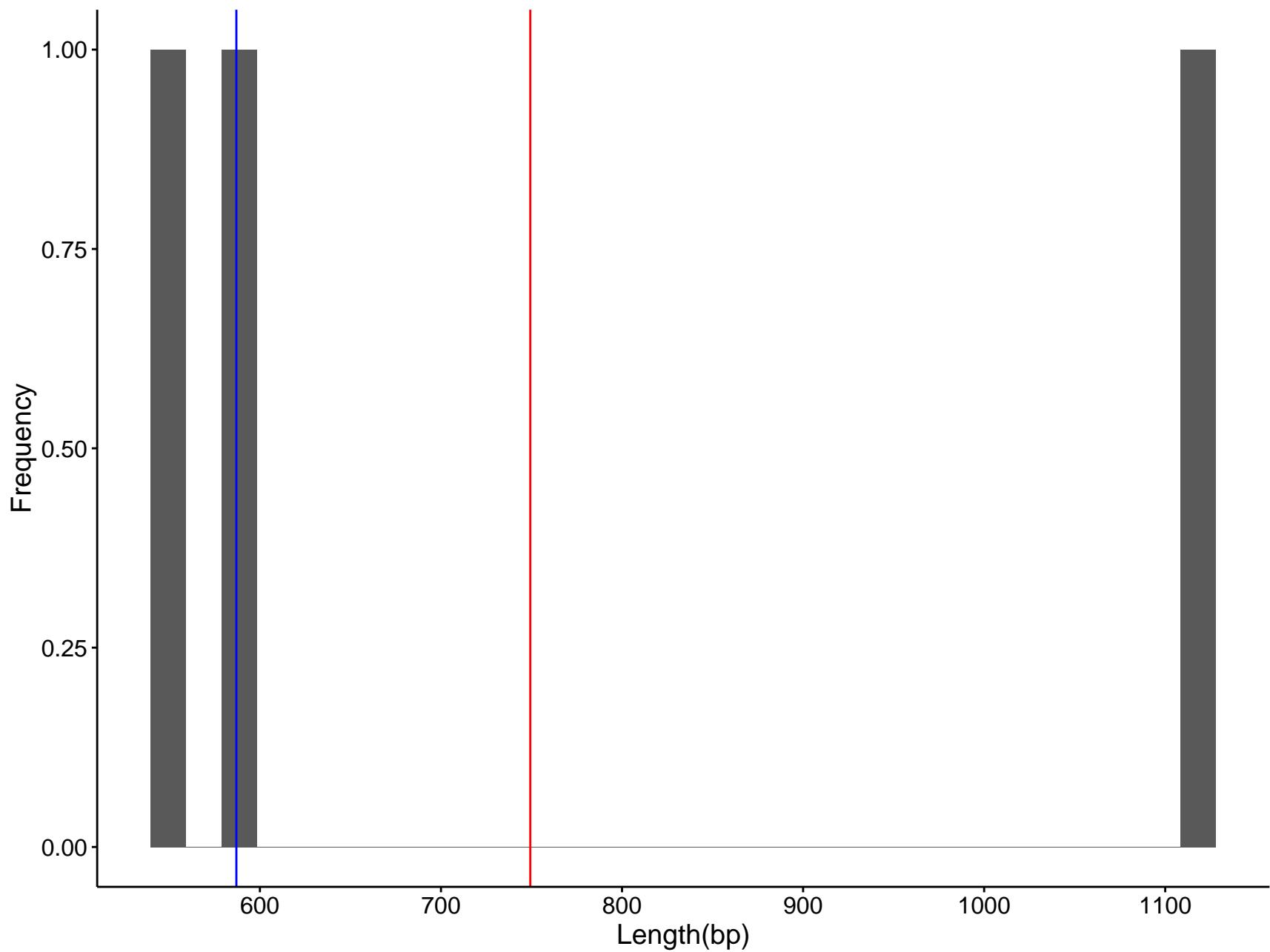
277.025

277.050

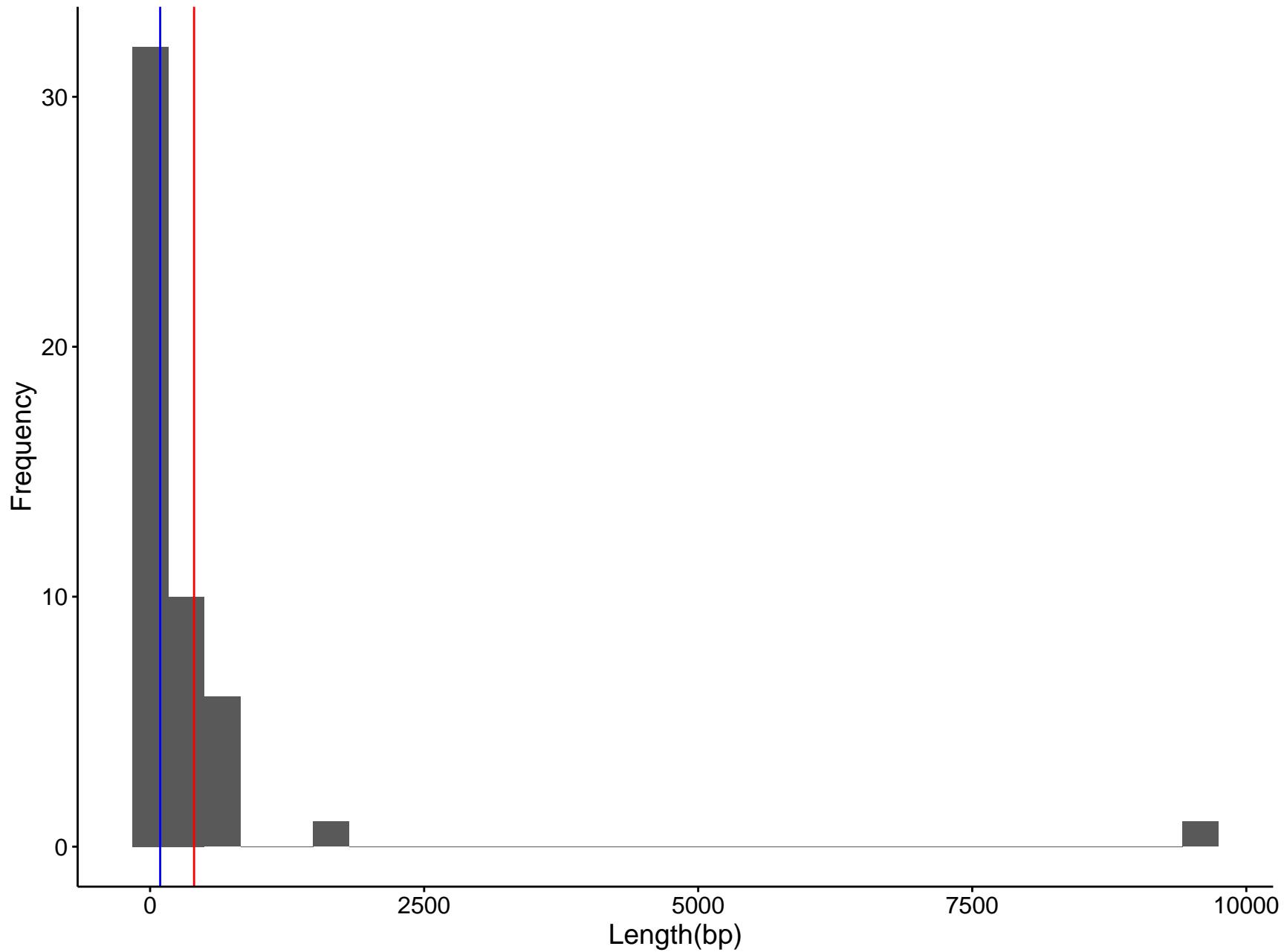
Length(bp)



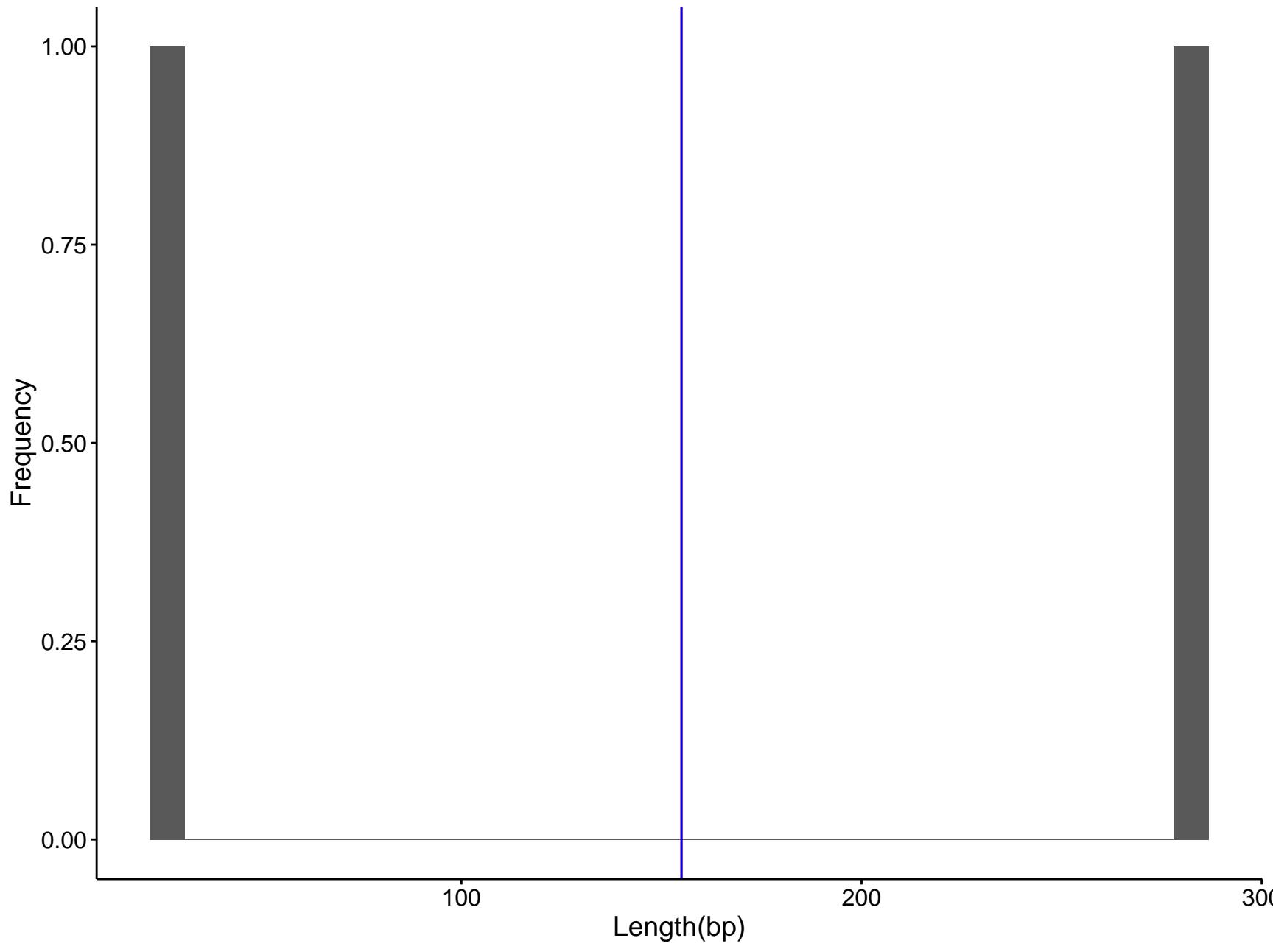
Cluster779



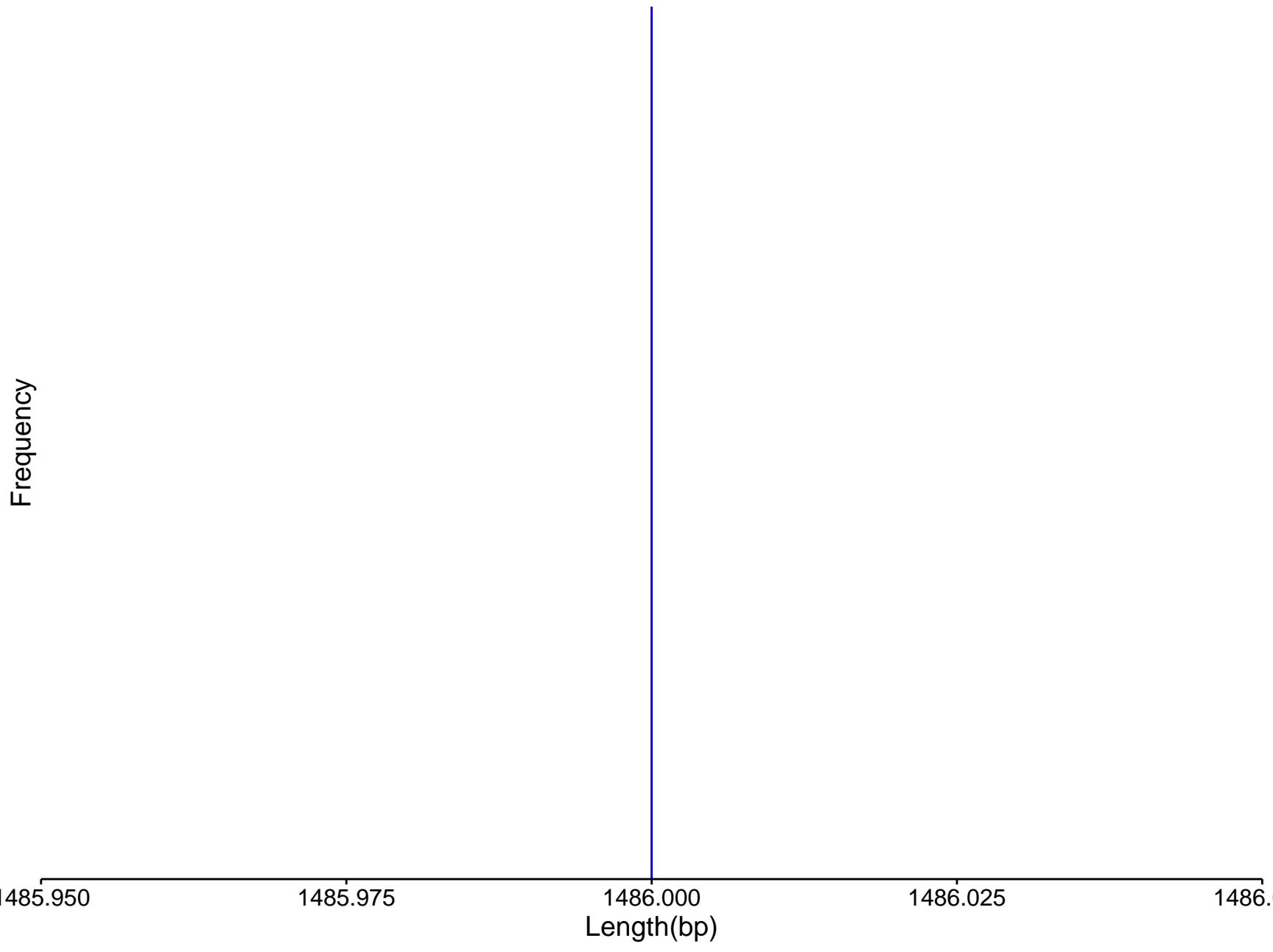
Cluster77



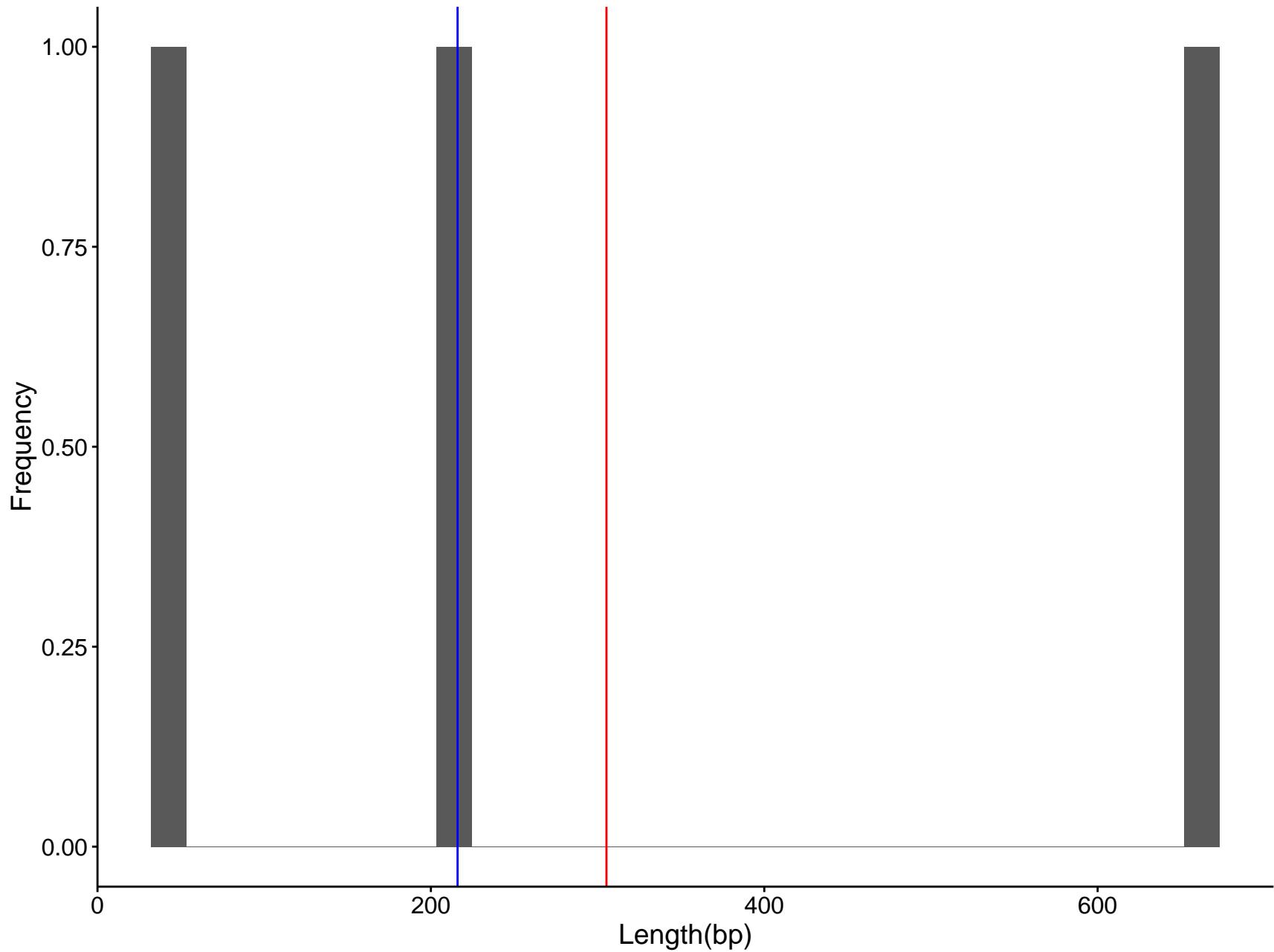
Cluster780



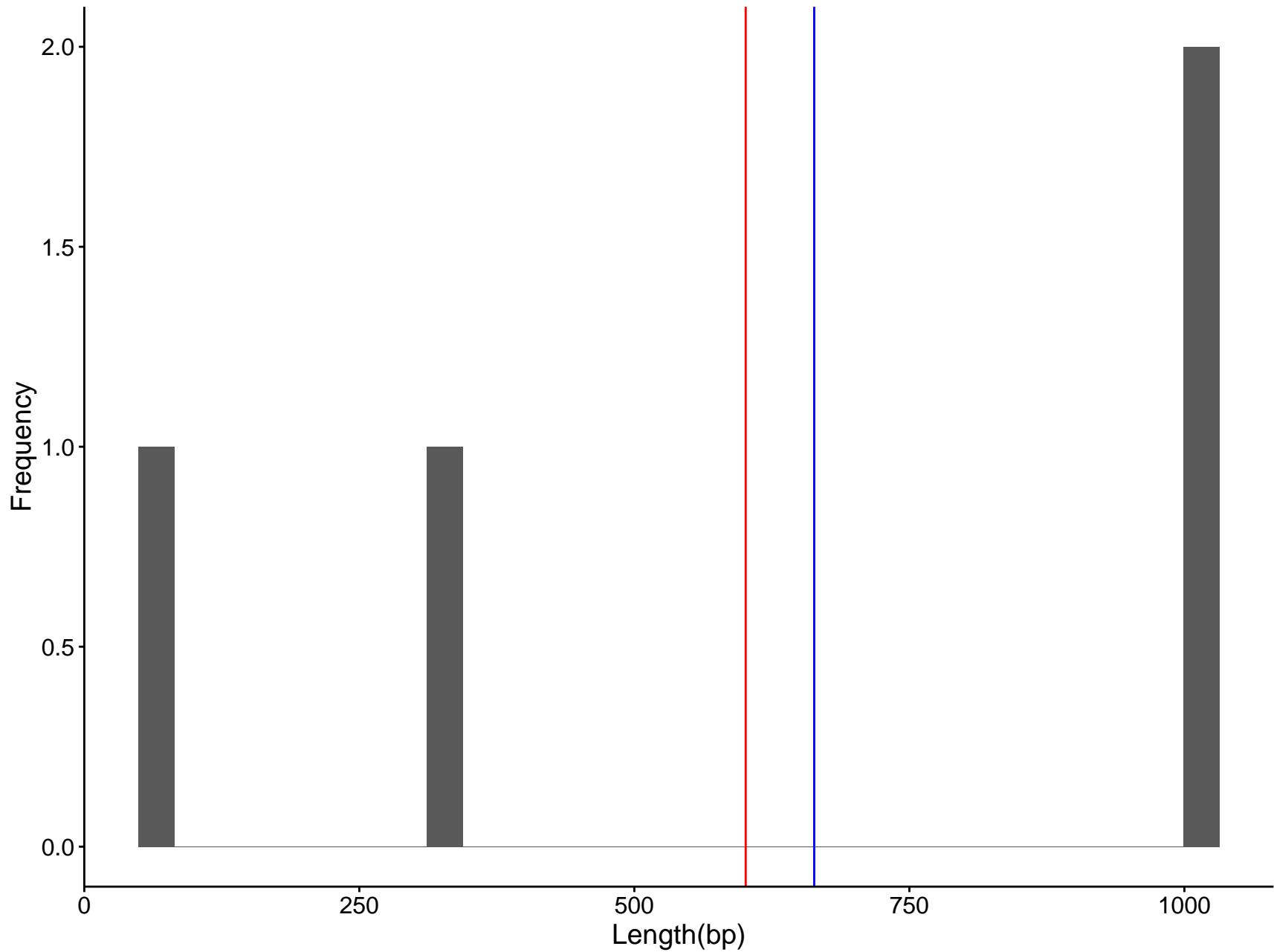
Cluster782



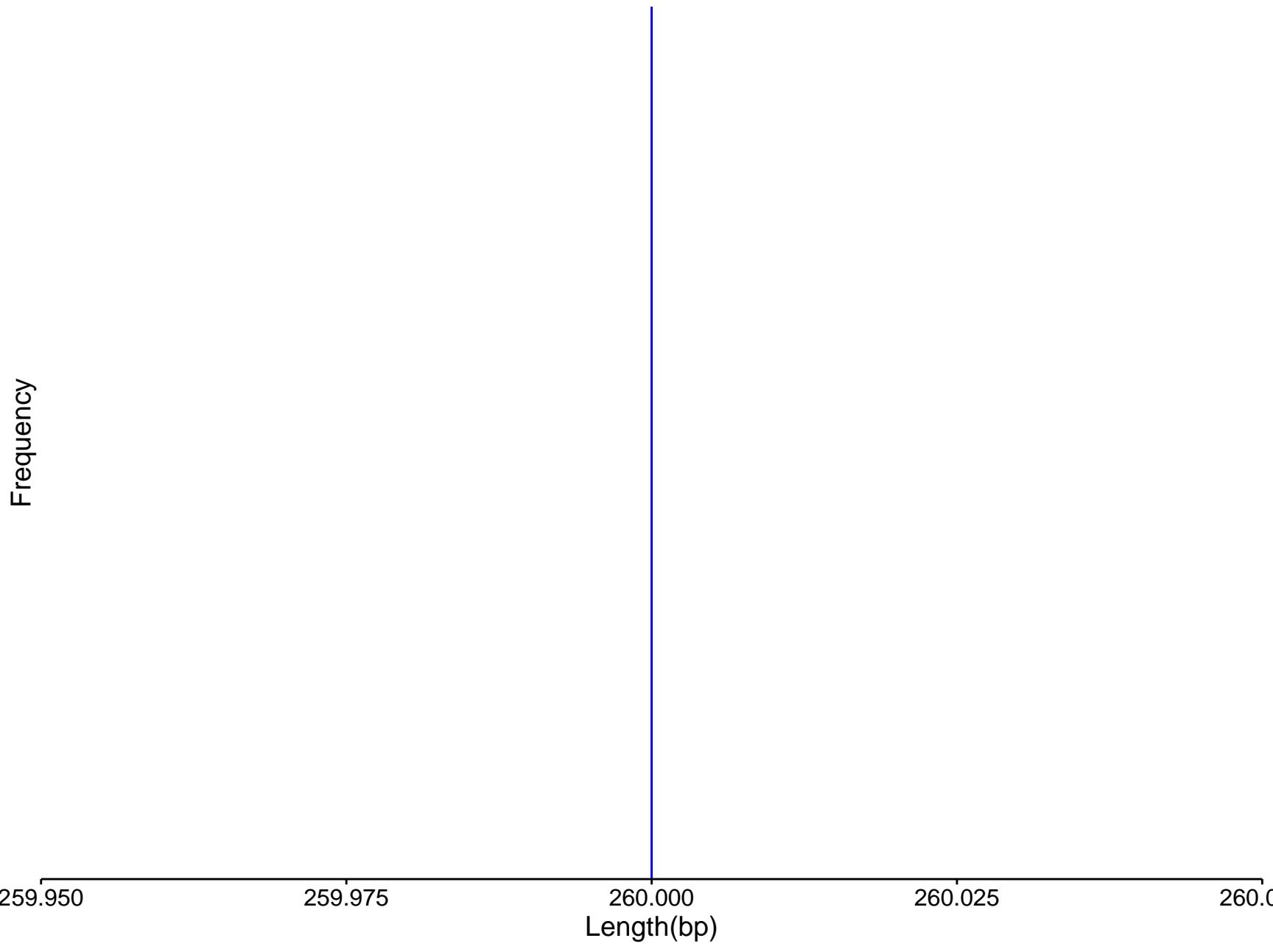
Cluster783



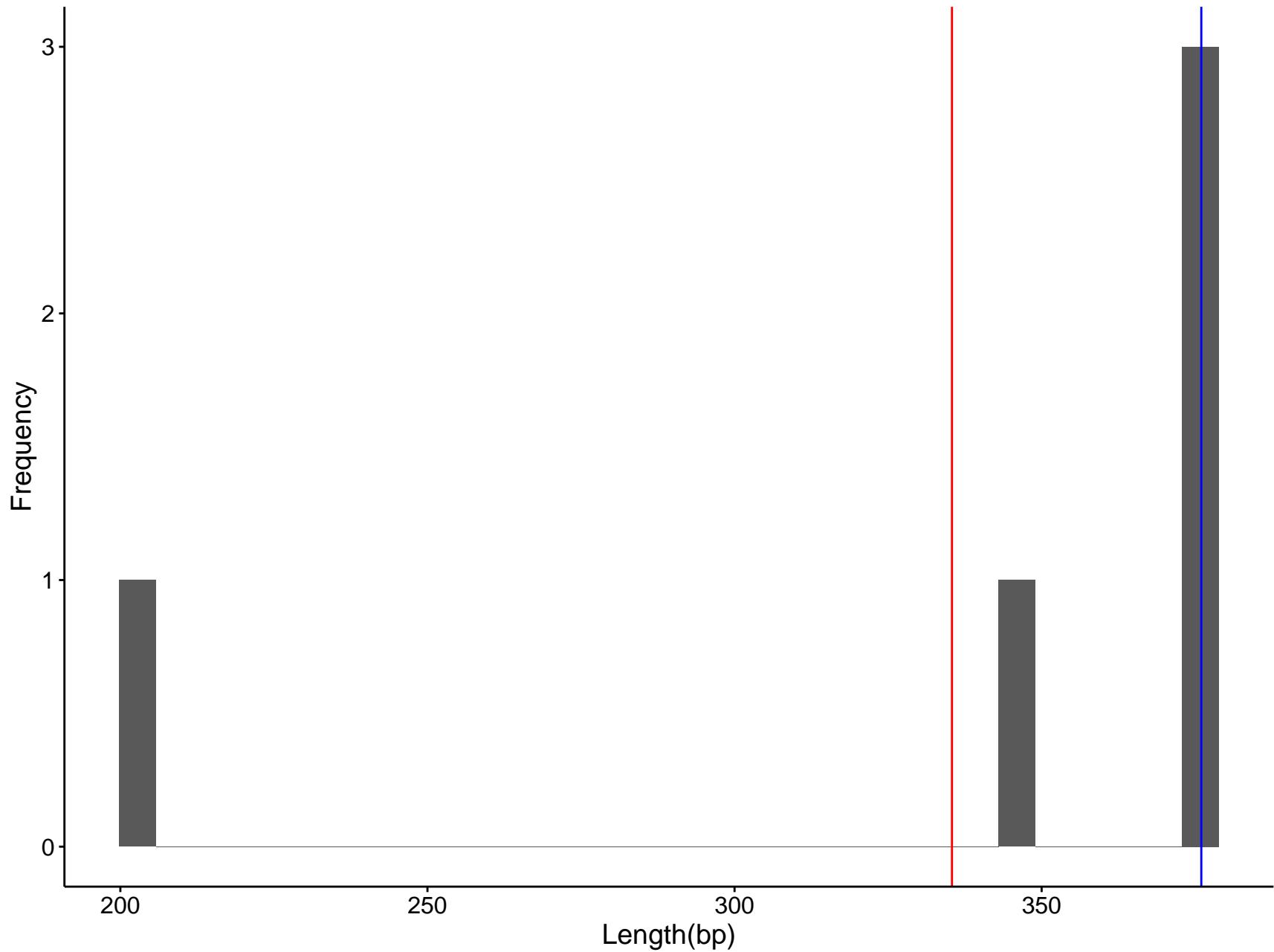
Cluster784



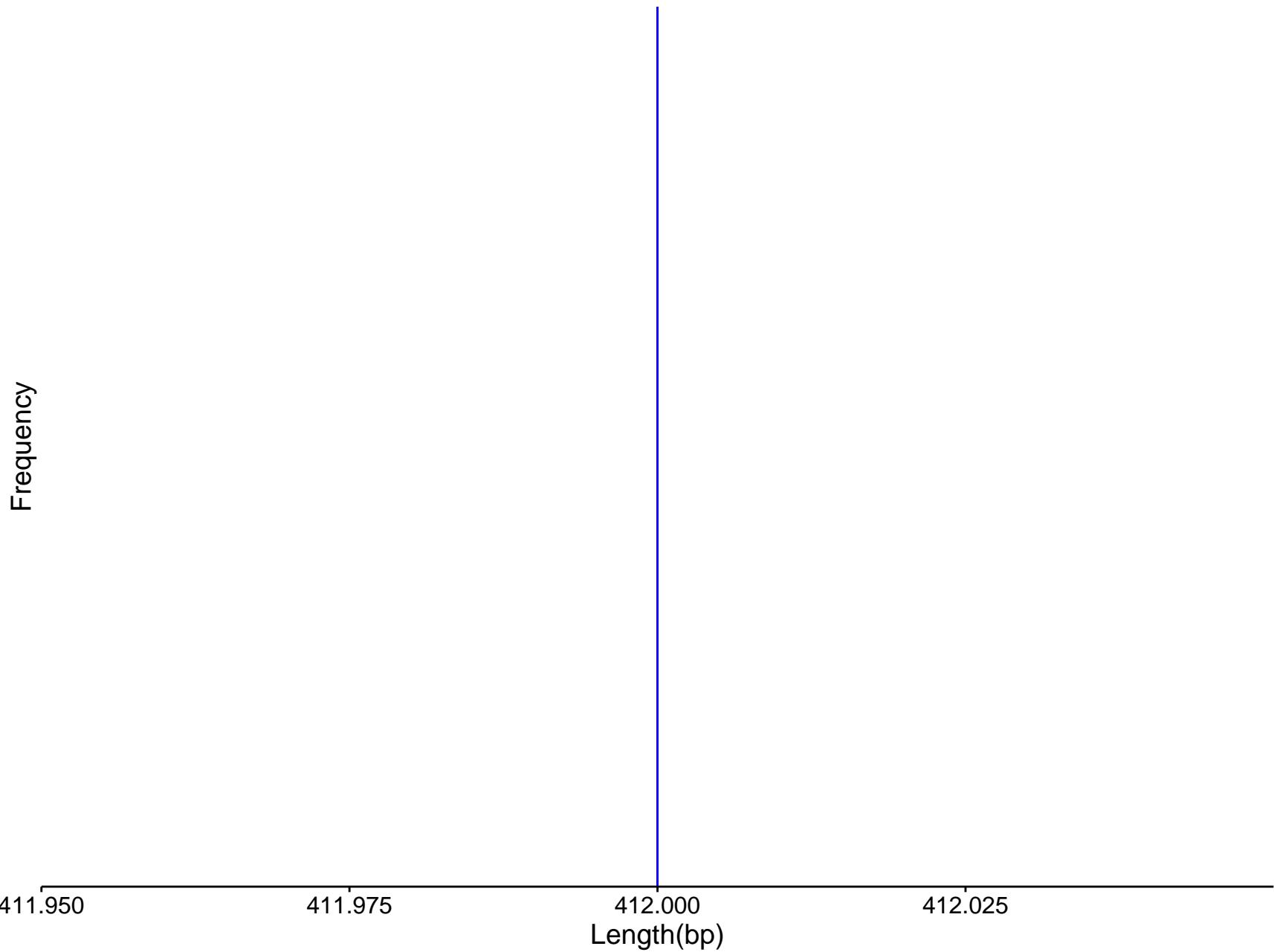
Cluster786



Cluster787



Cluster788



Cluster789

Frequency

174.950

174.975

175.000

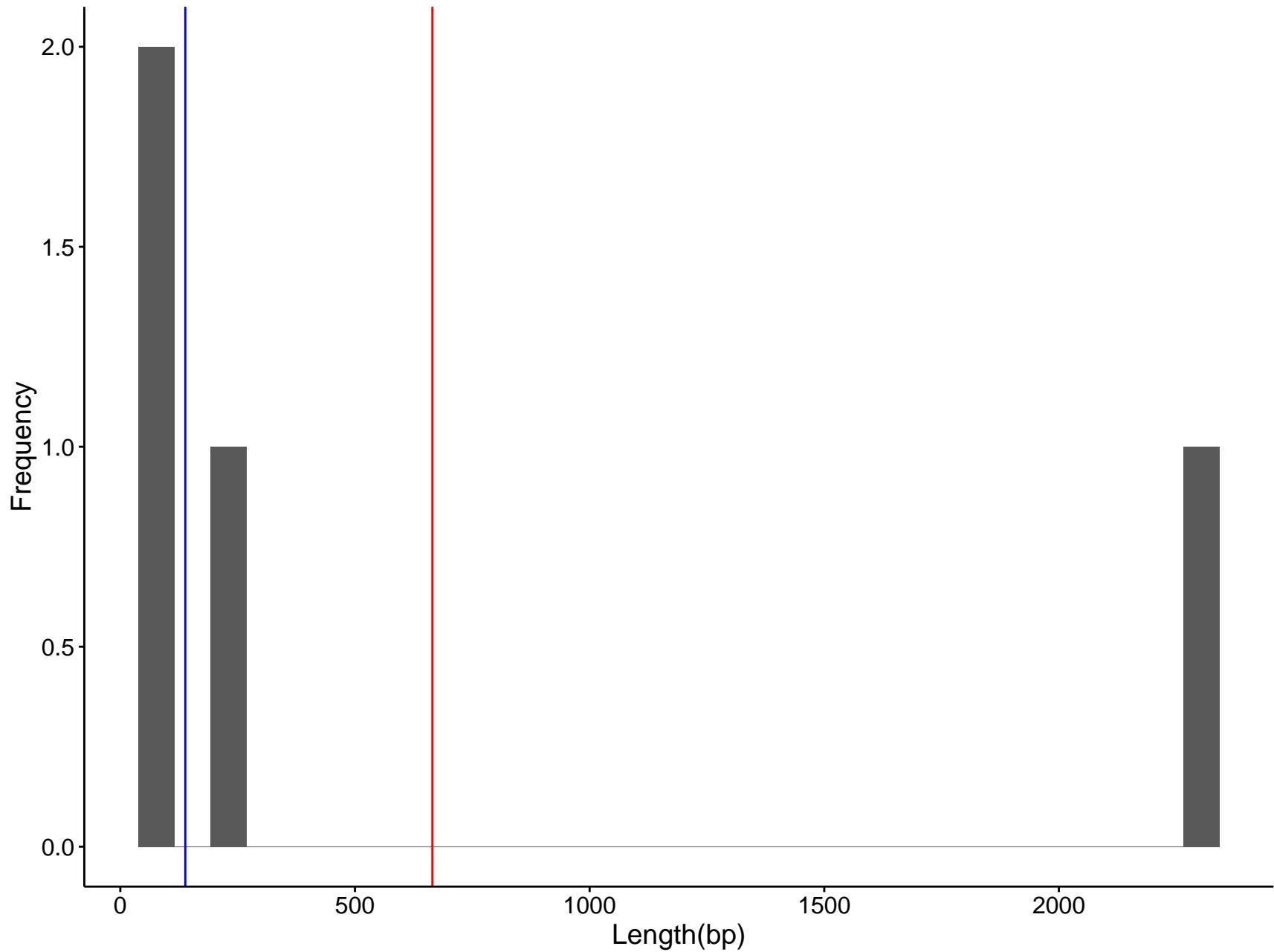
175.025

175.050

Length(bp)



Cluster78



Cluster790

Frequency

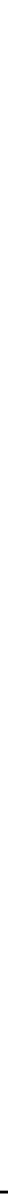
348.950

348.975

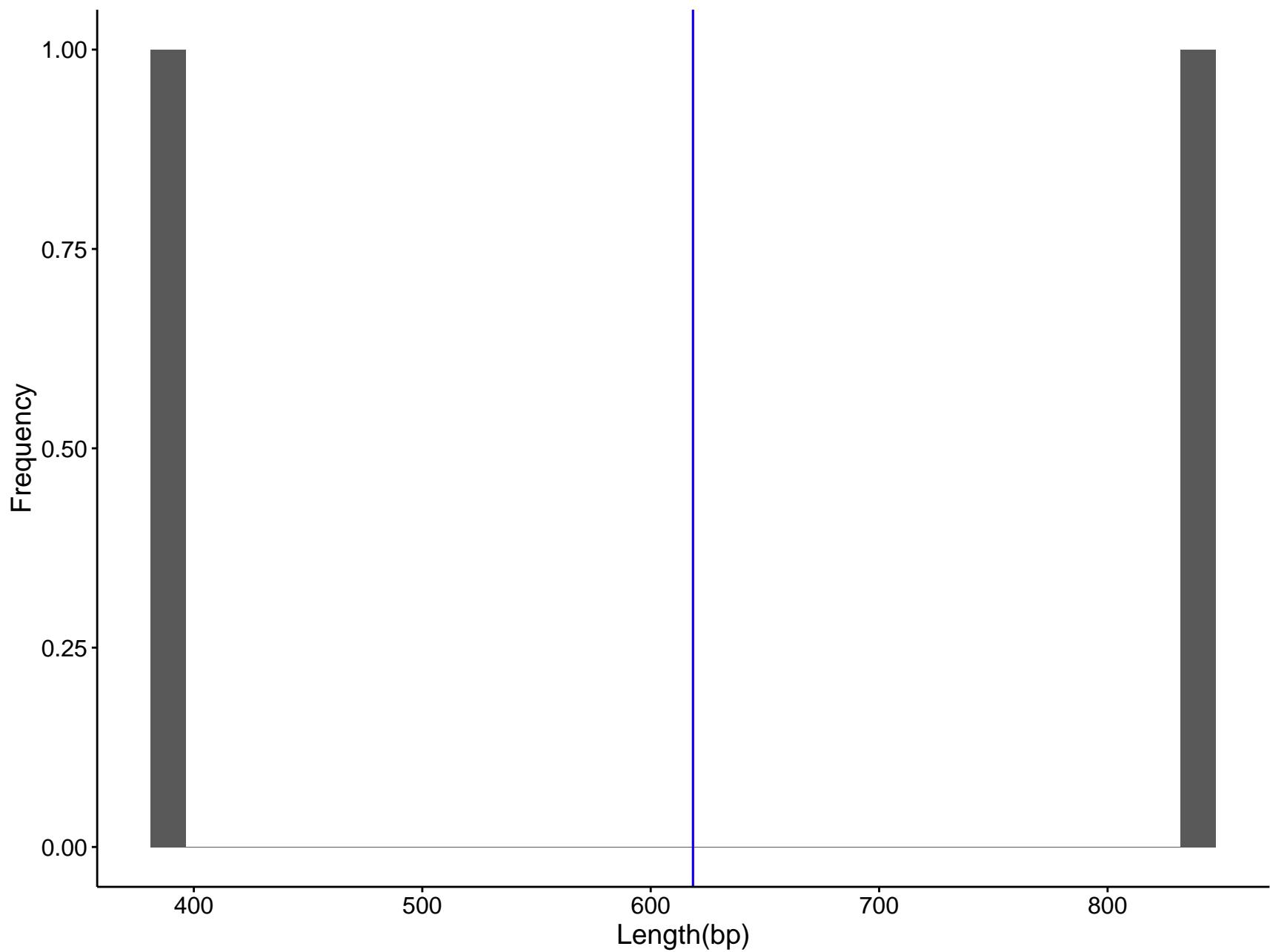
349.000

349.025

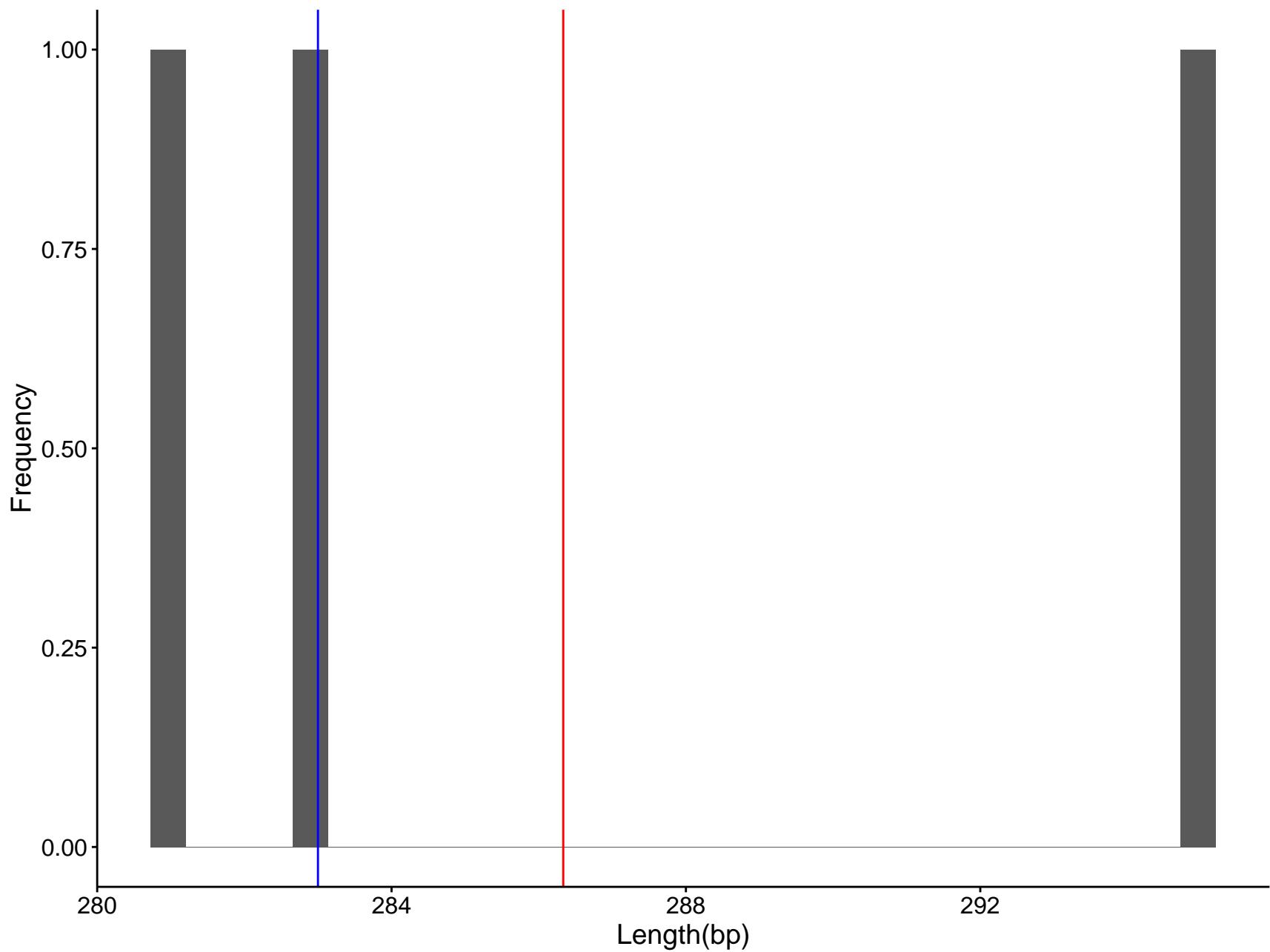
Length(bp)



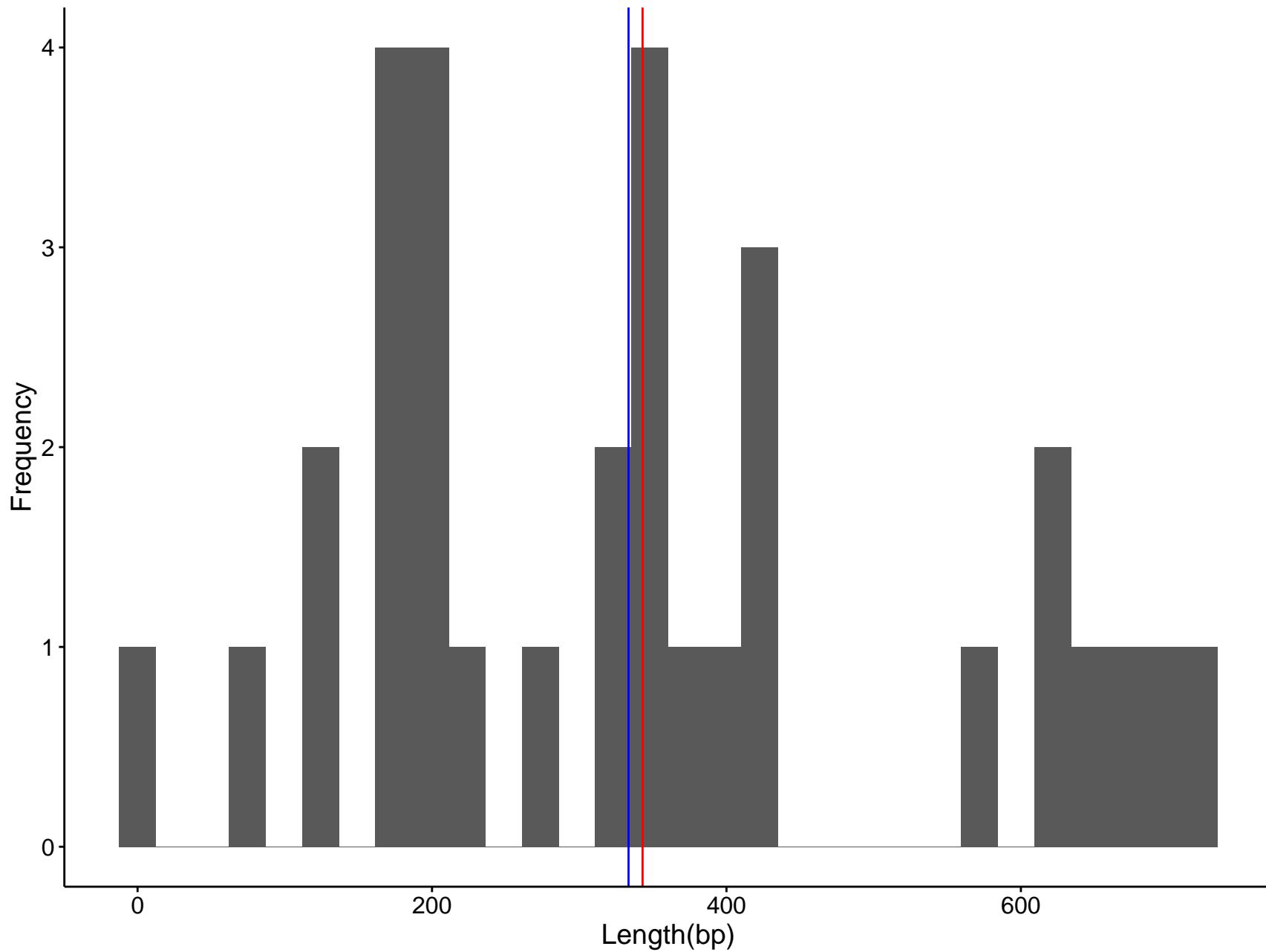
Cluster793



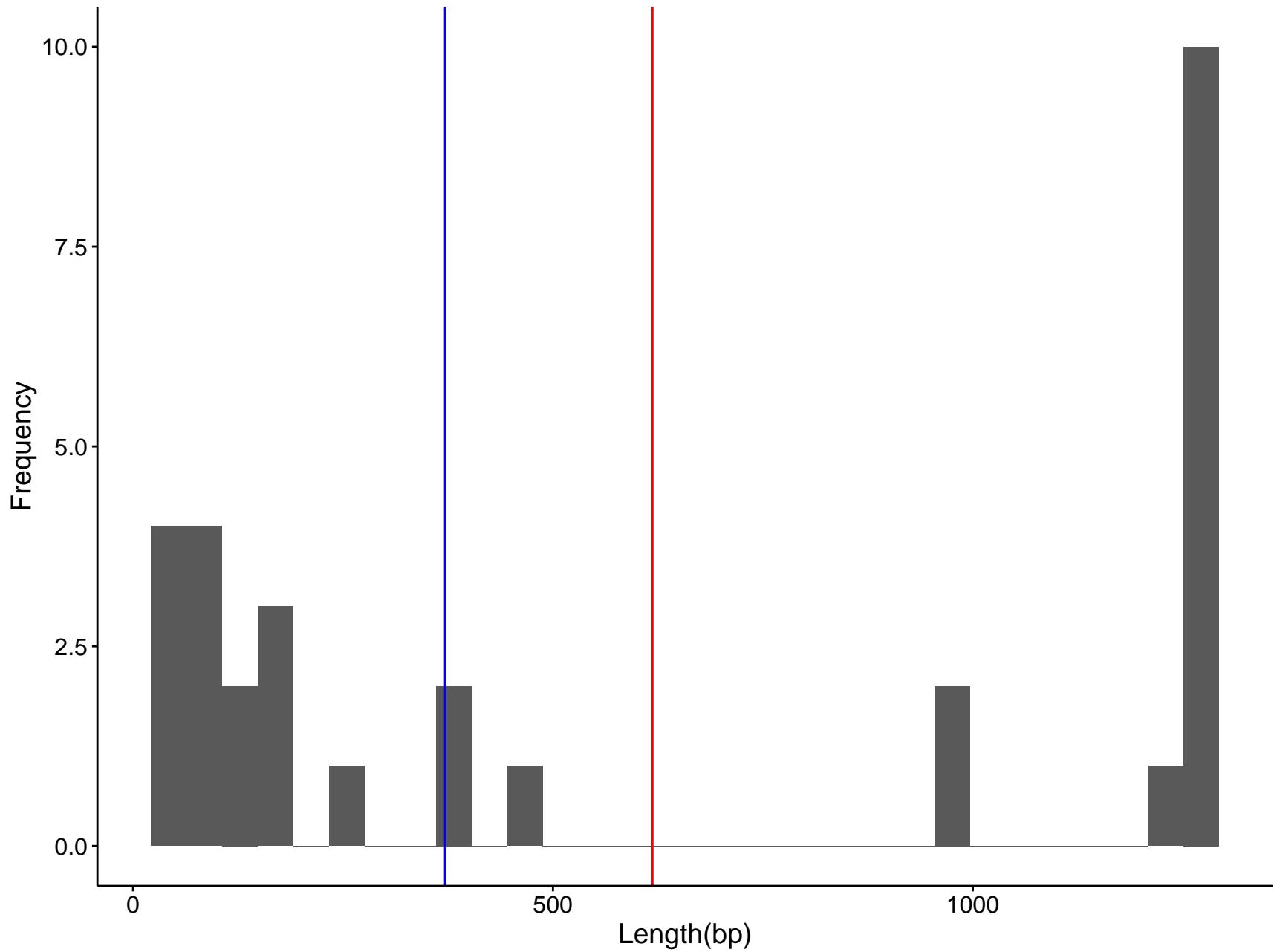
Cluster796



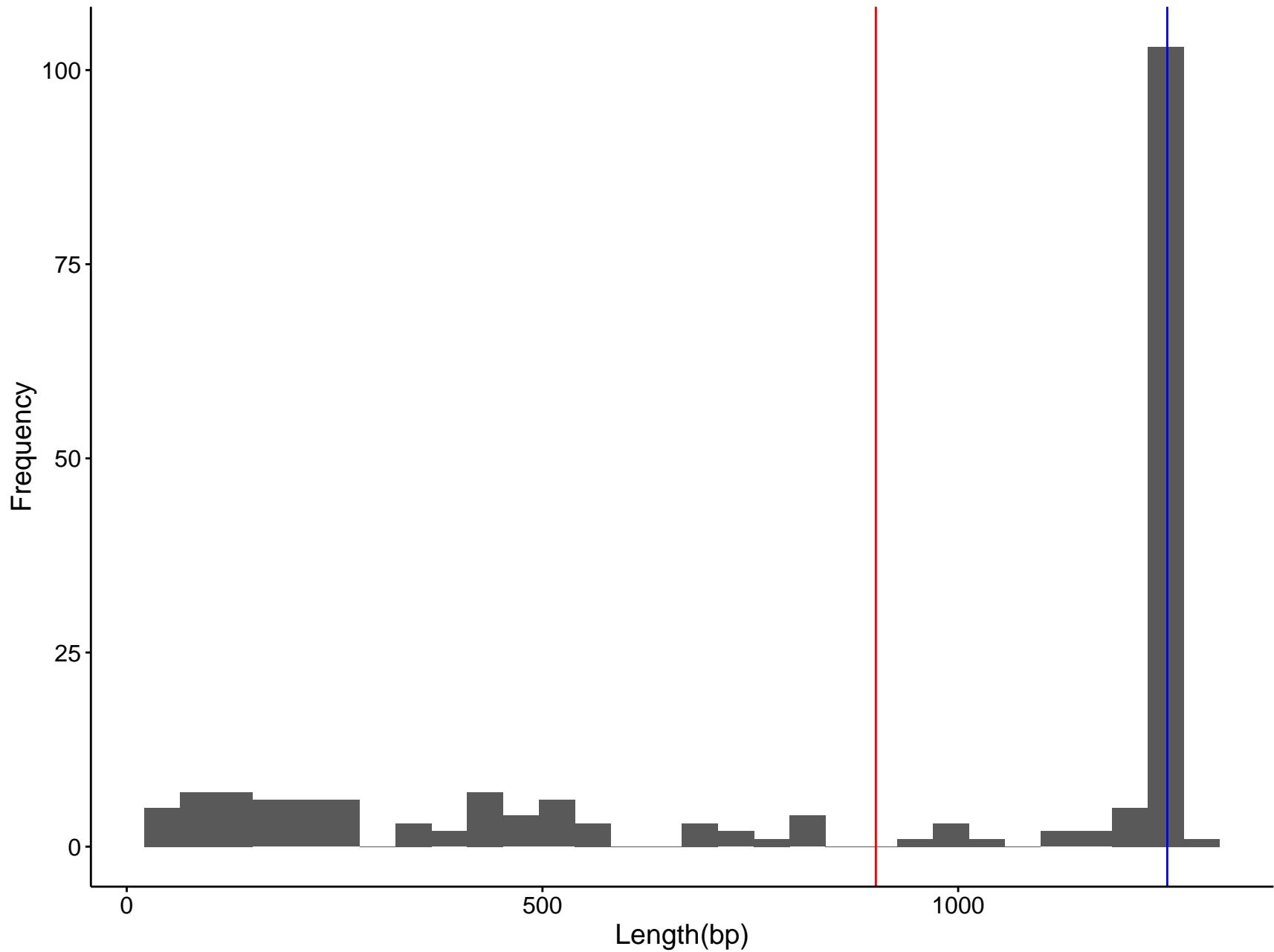
Cluster799



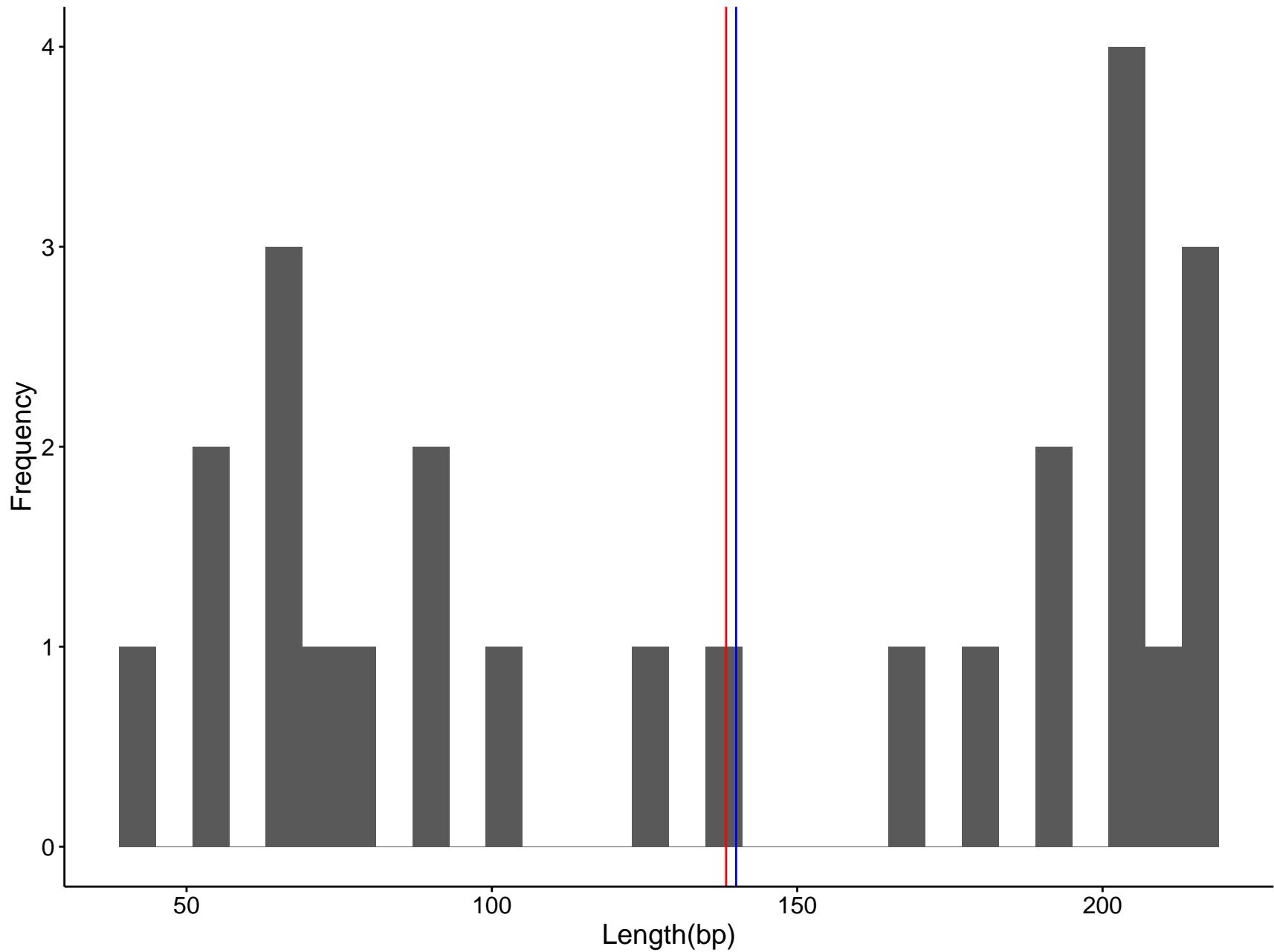
Cluster7



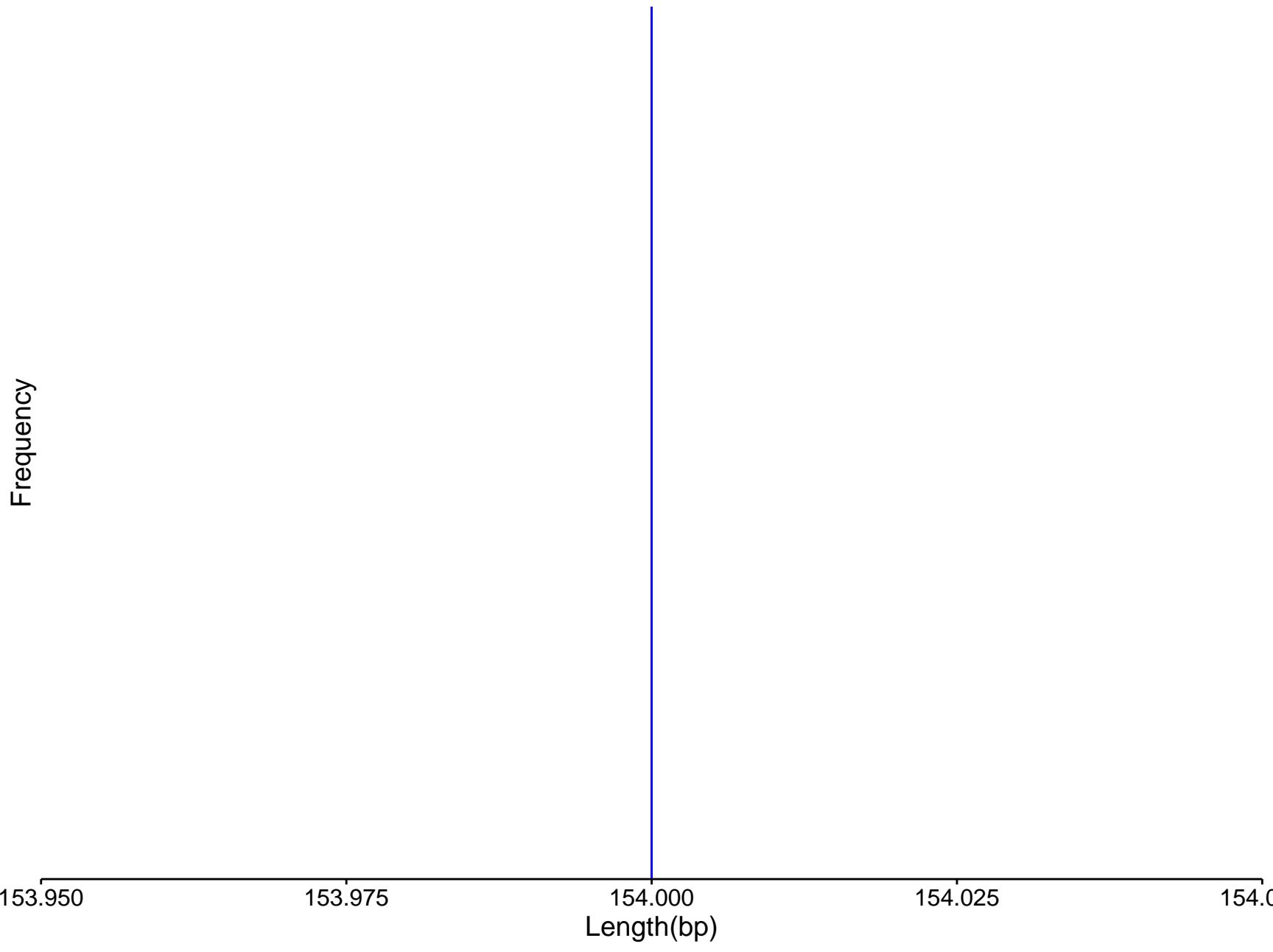
Cluster800



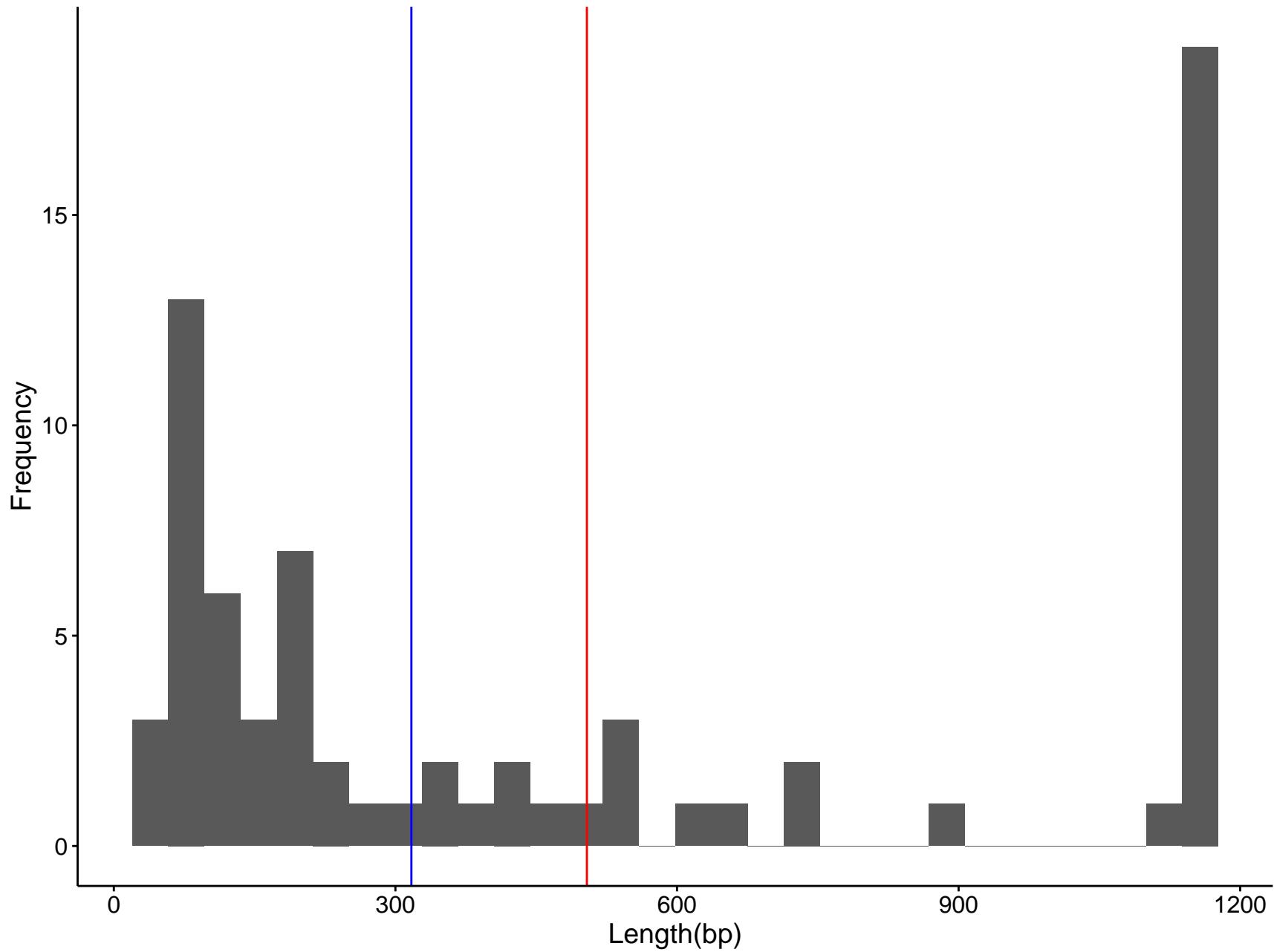
Cluster801



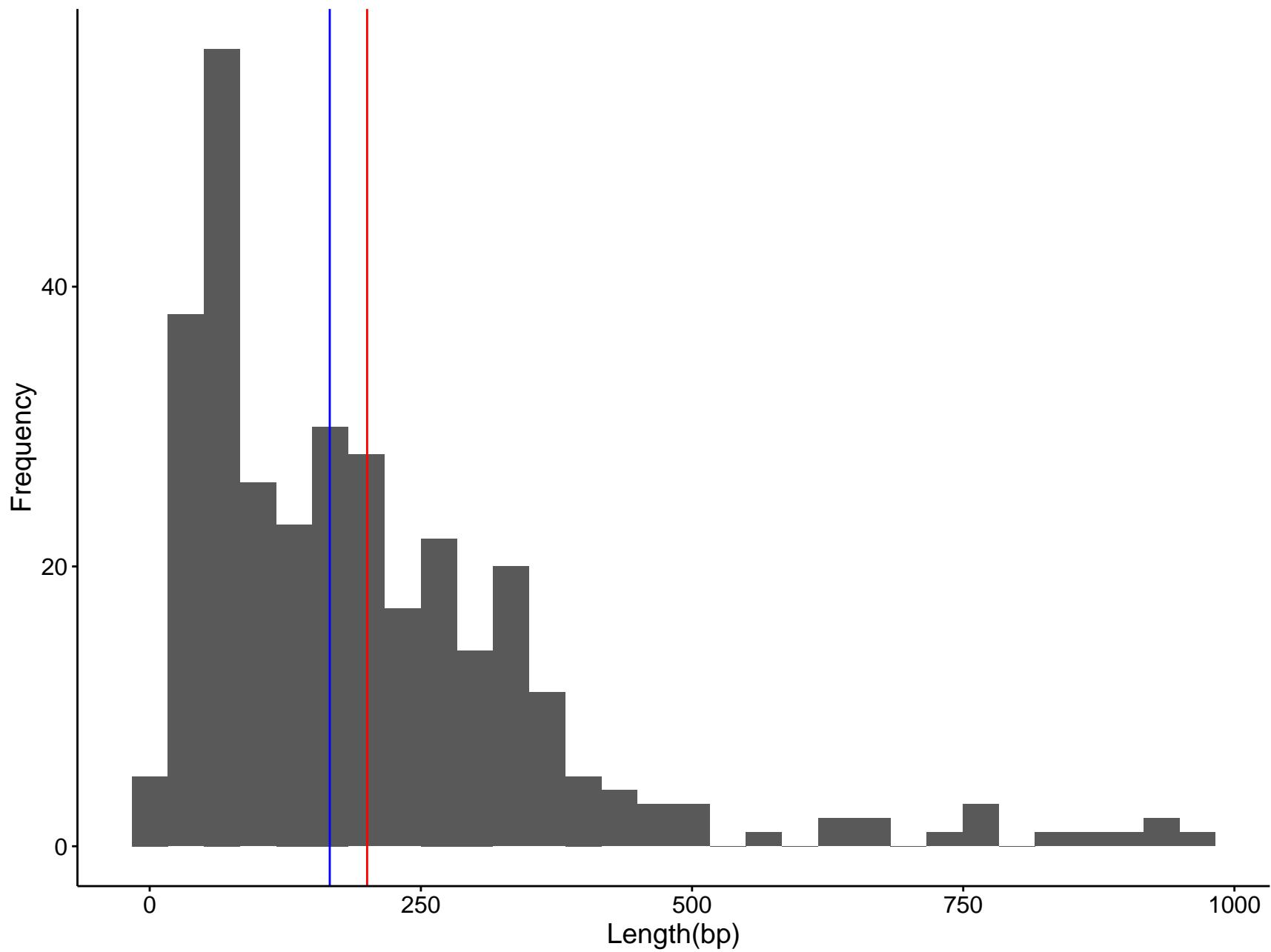
Cluster802



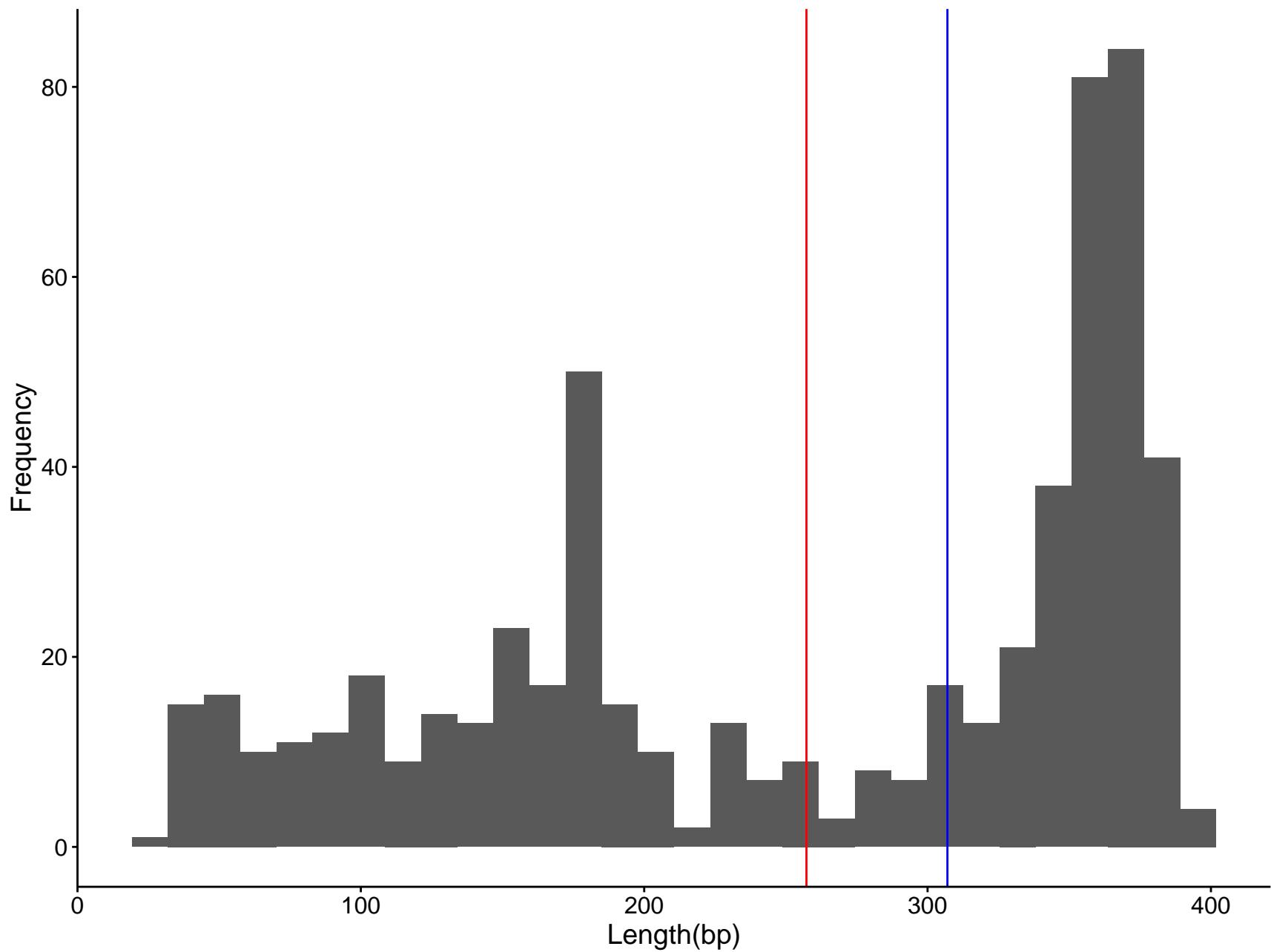
Cluster803



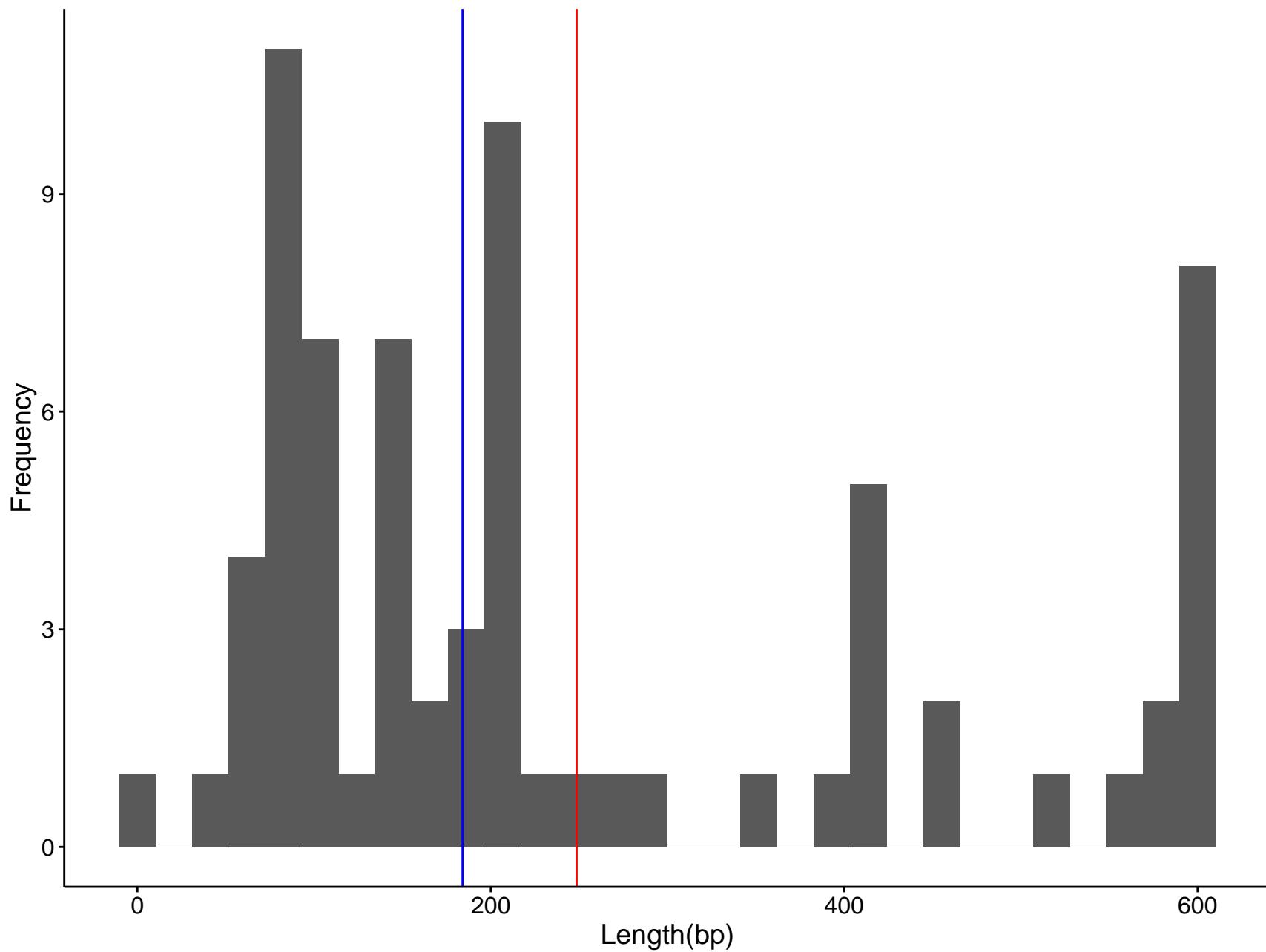
Cluster804



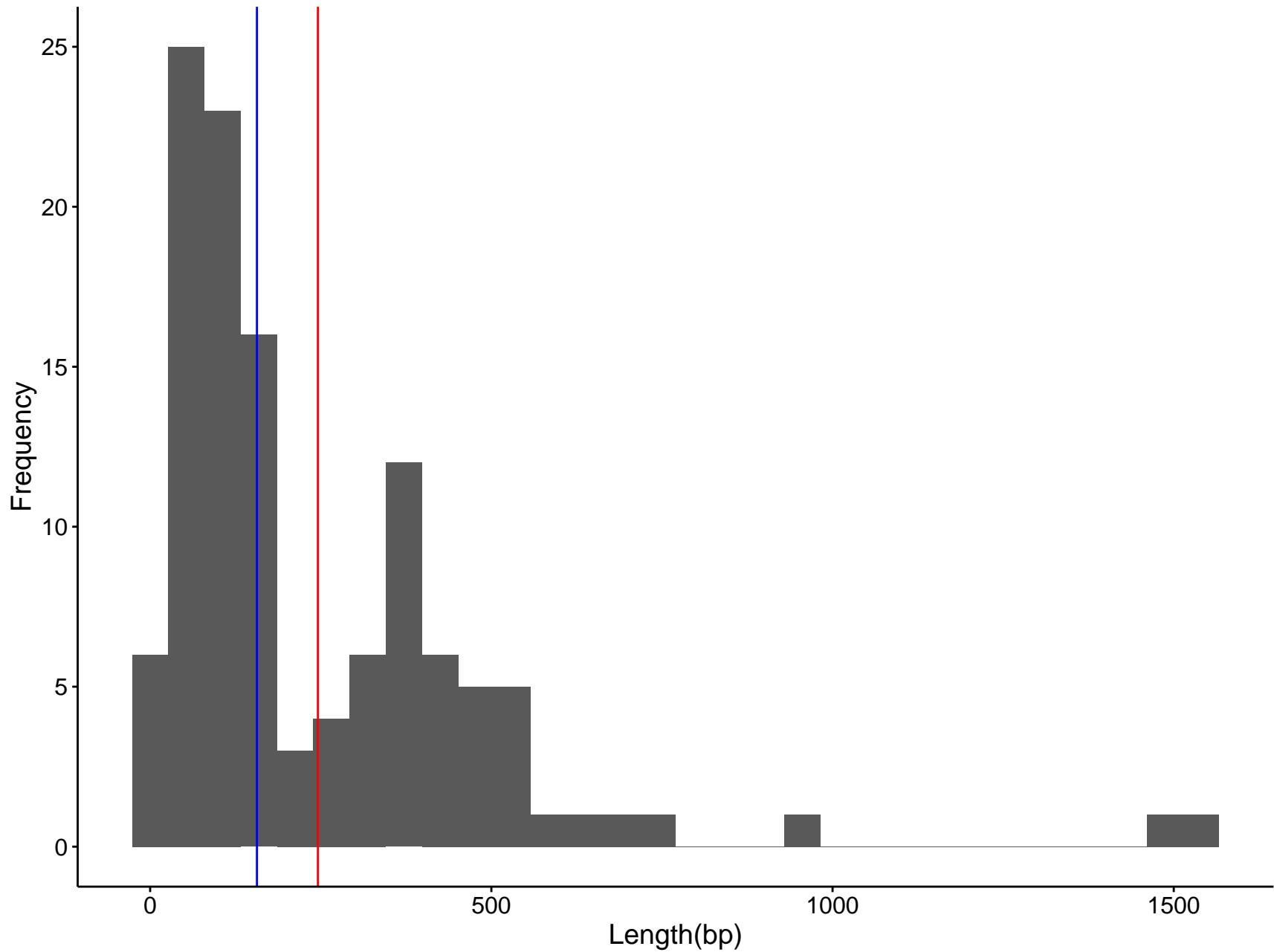
Cluster805



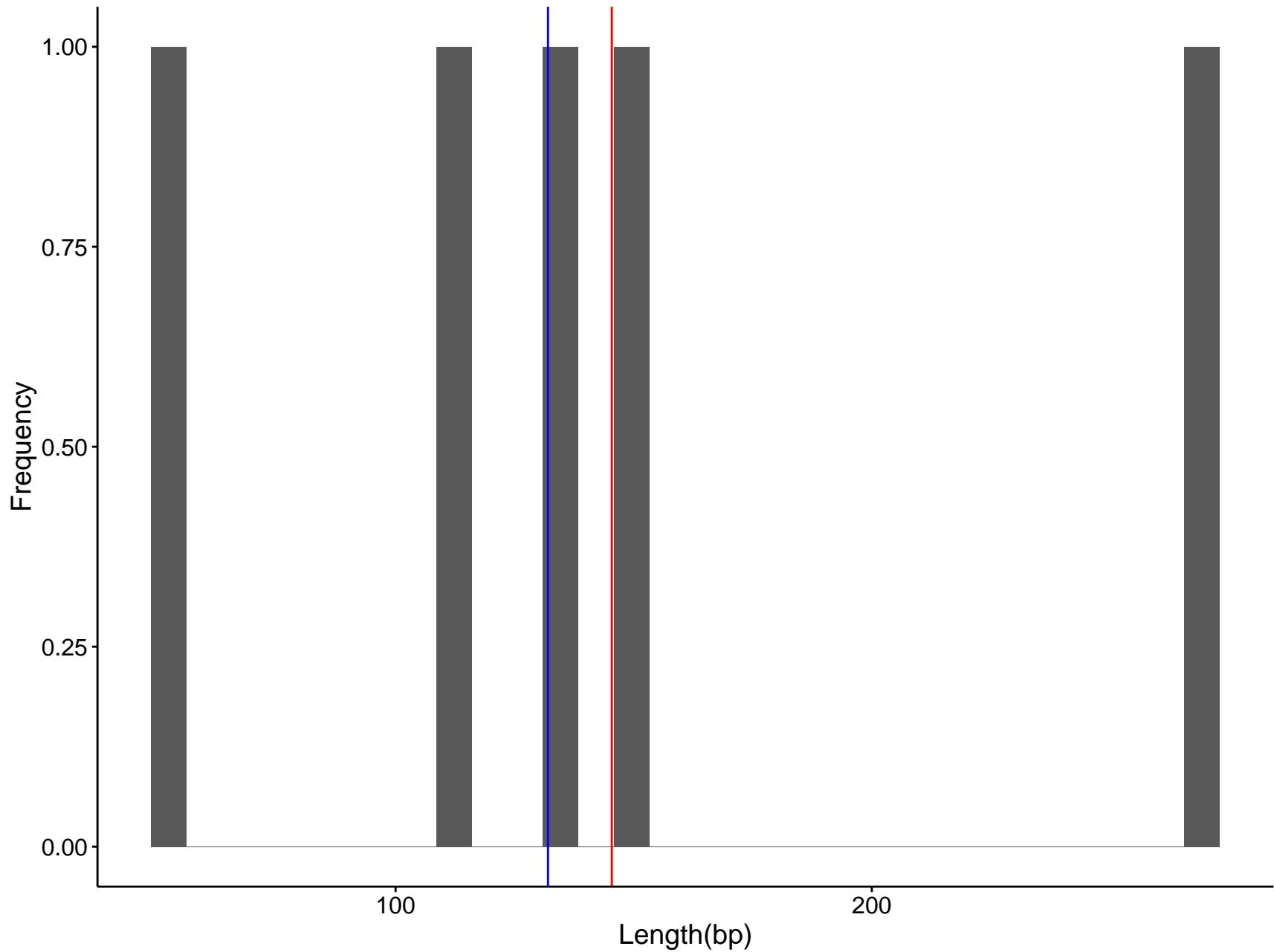
Cluster806



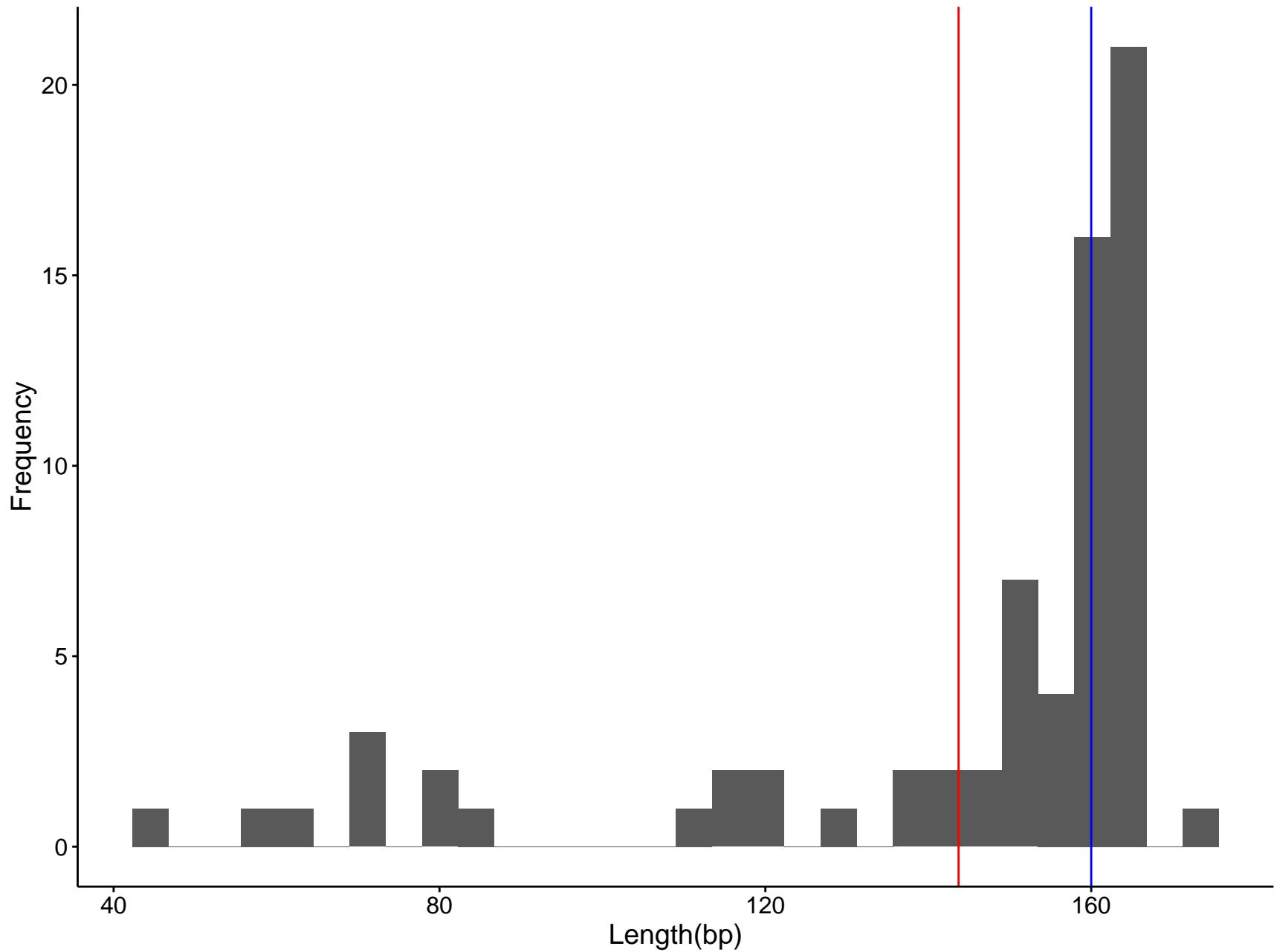
Cluster807



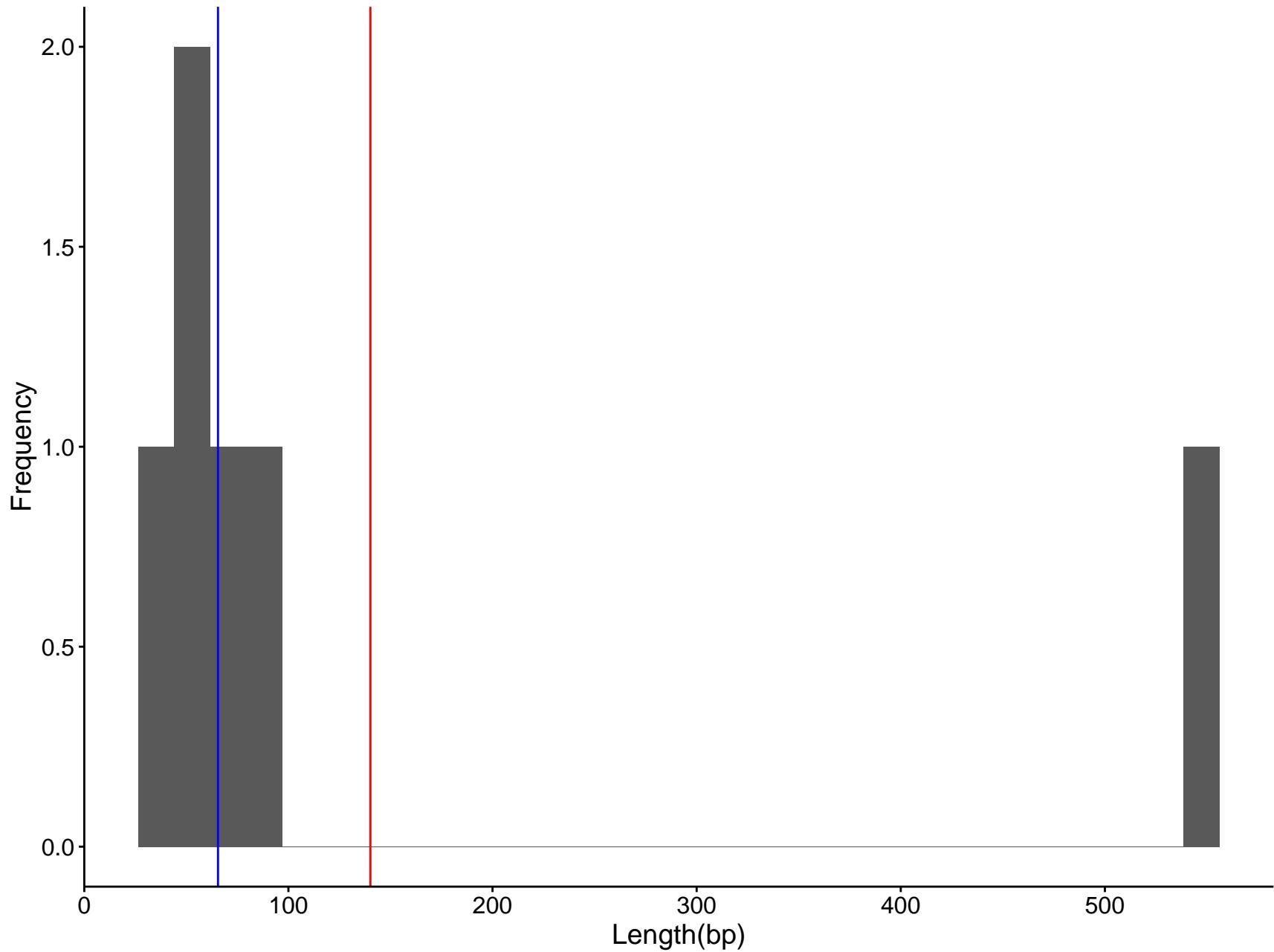
Cluster808



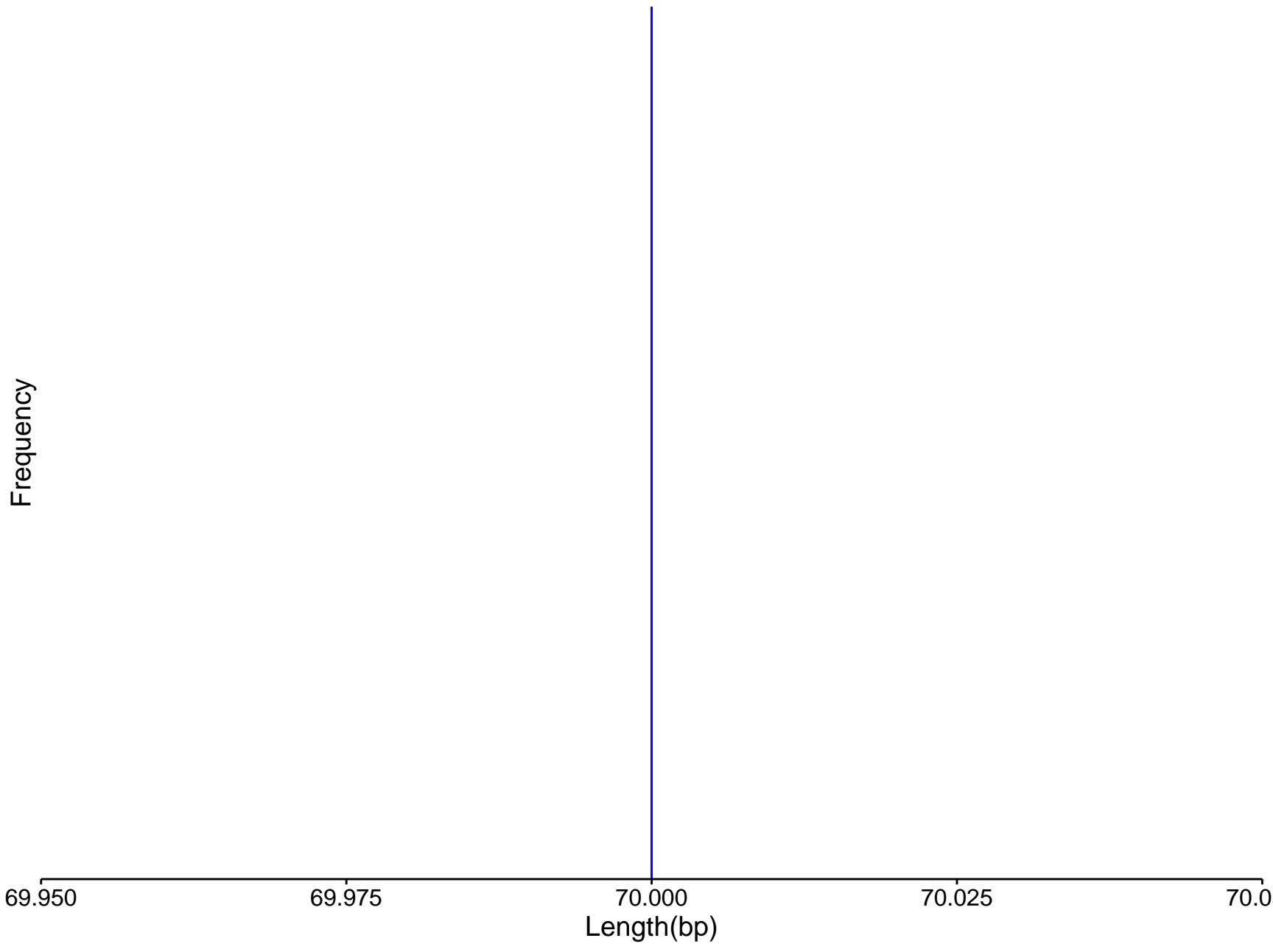
Cluster809



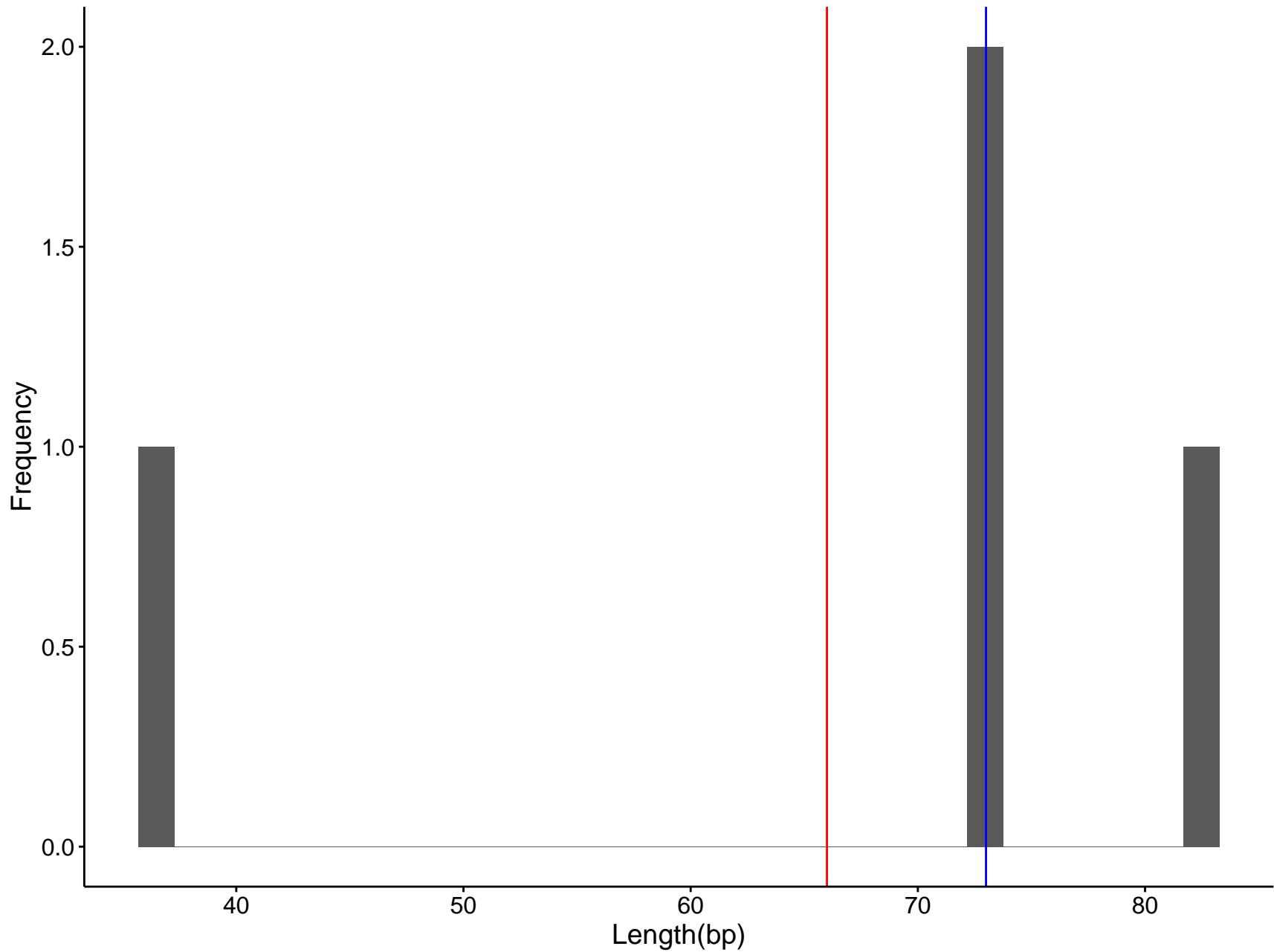
Cluster80



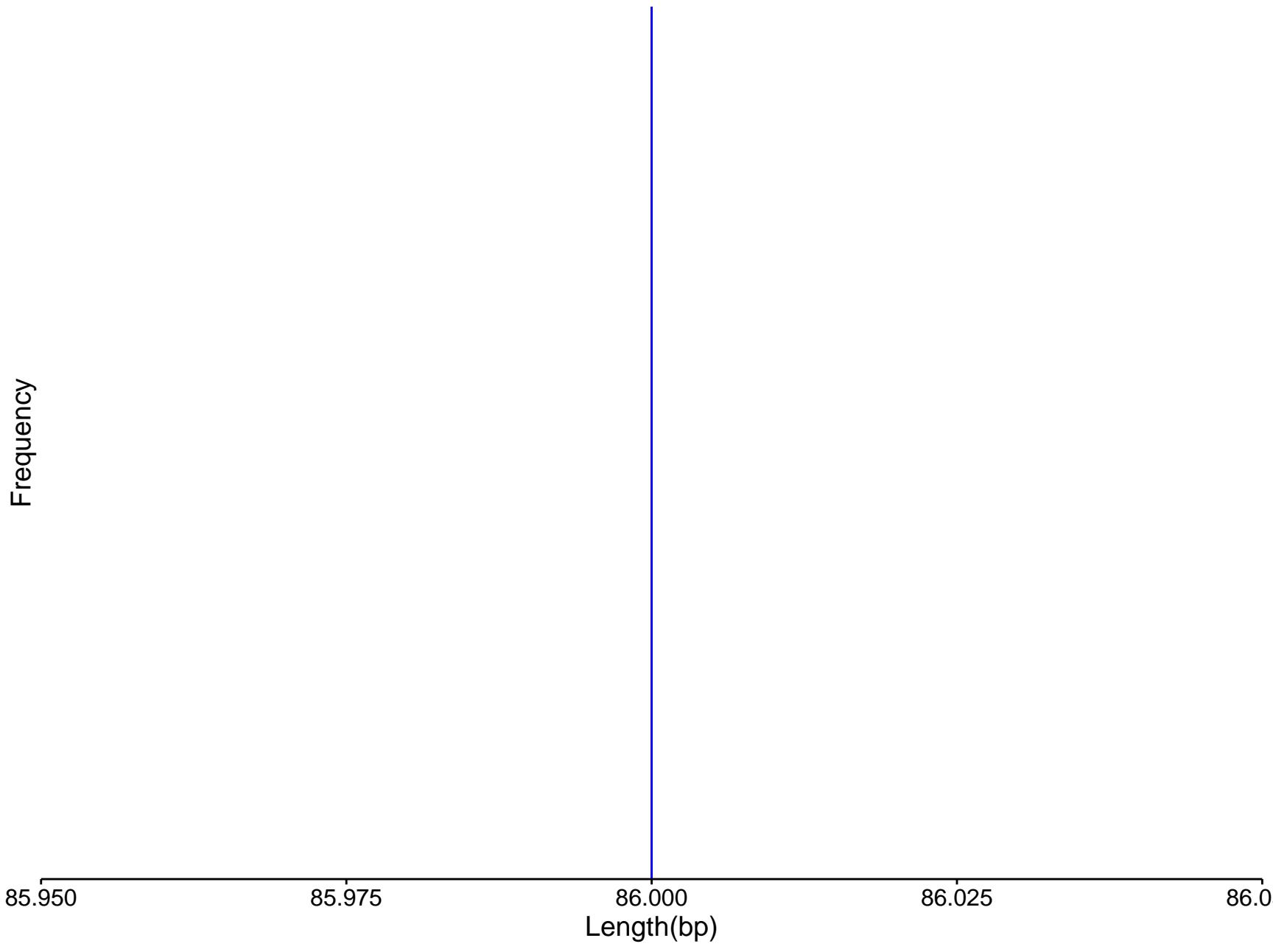
Cluster810



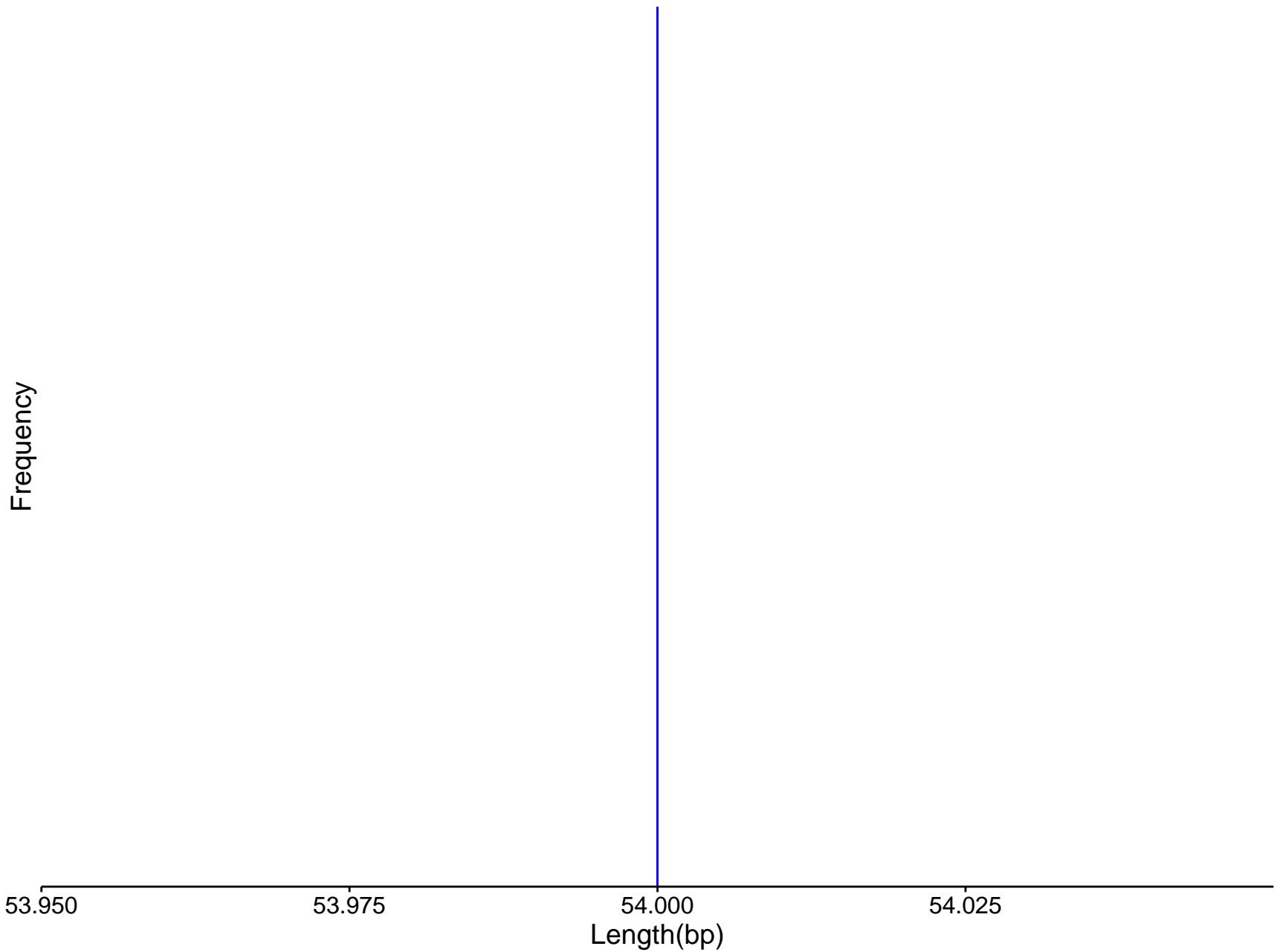
Cluster811



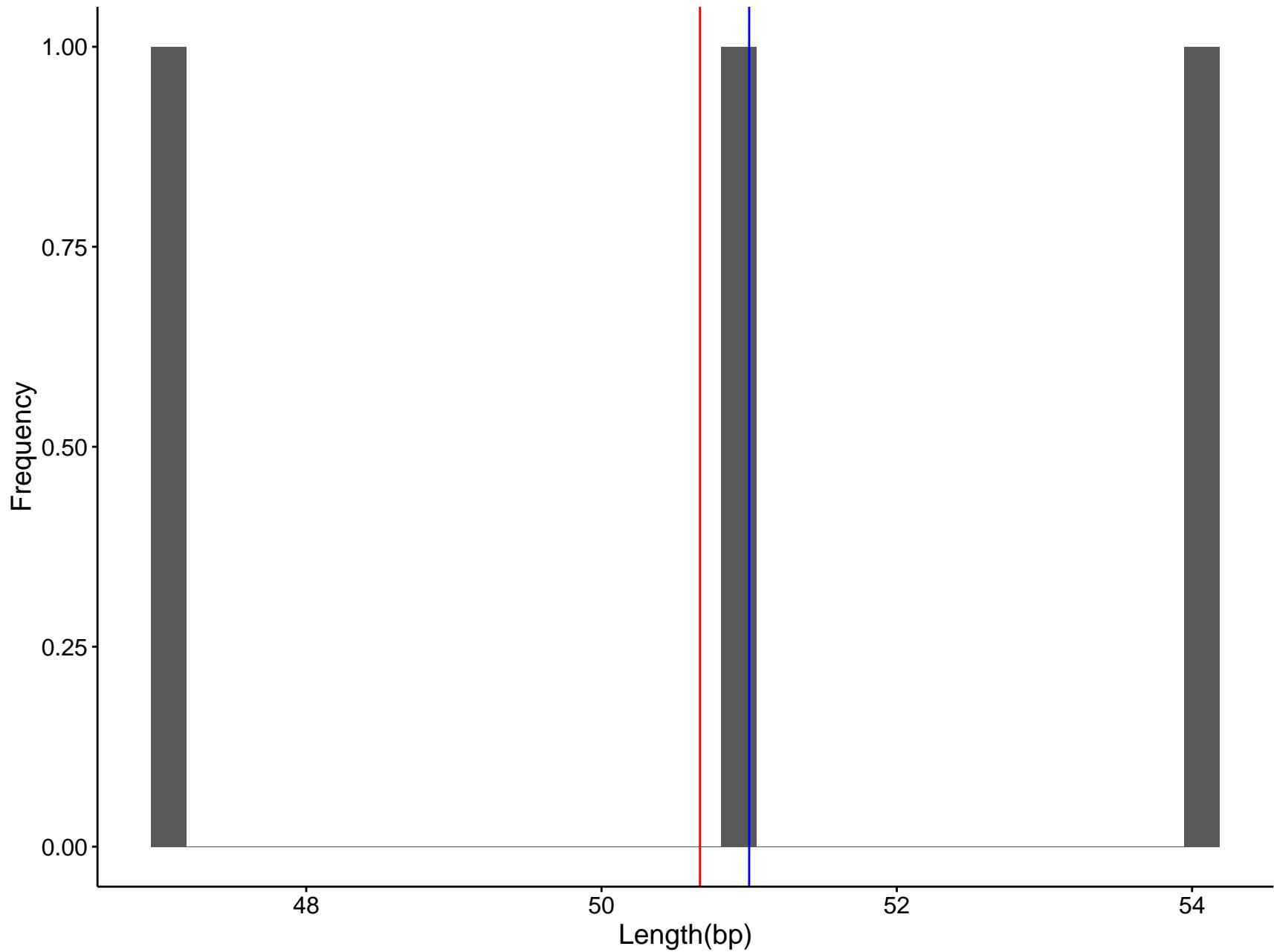
Cluster812



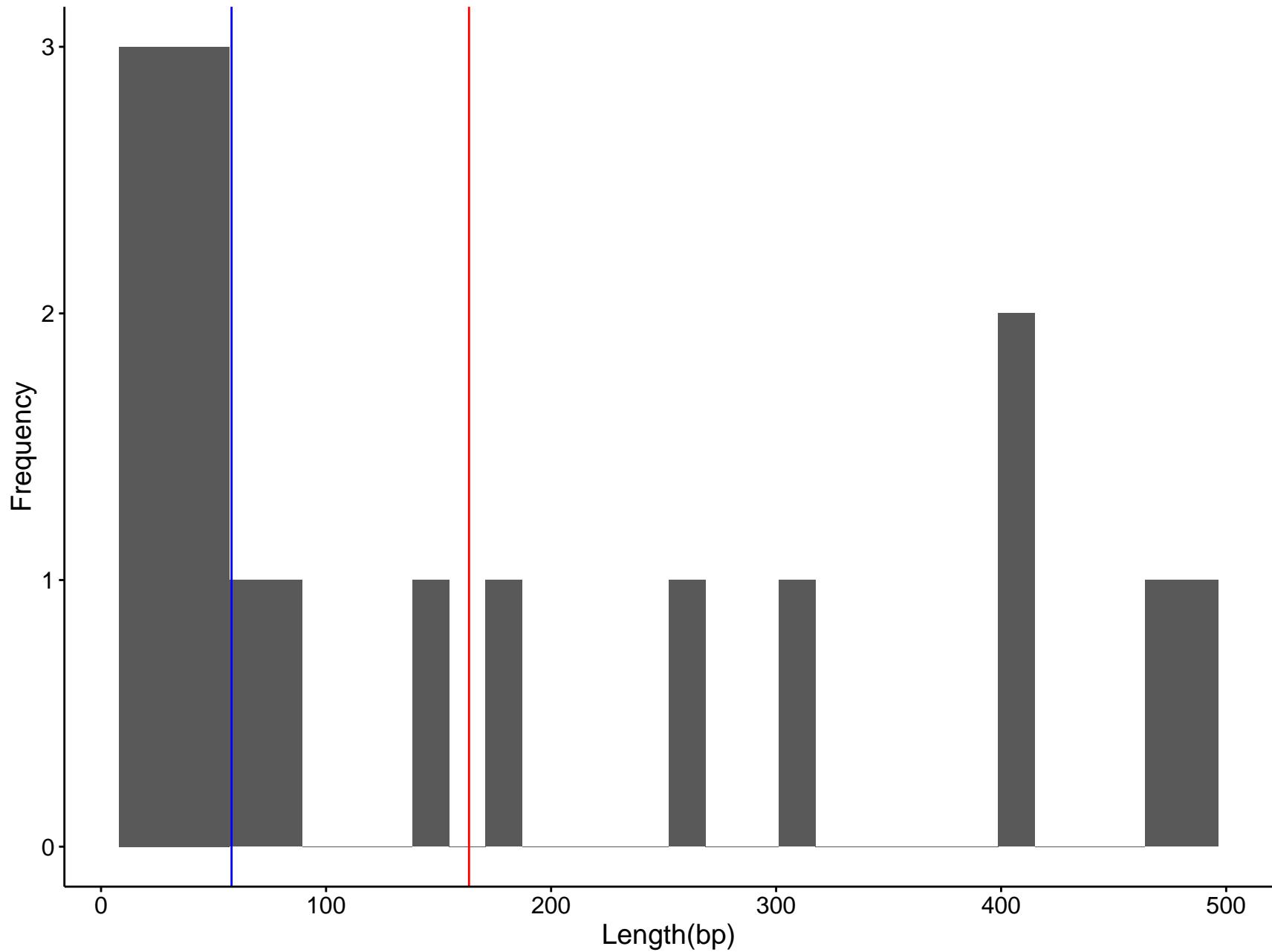
Cluster815



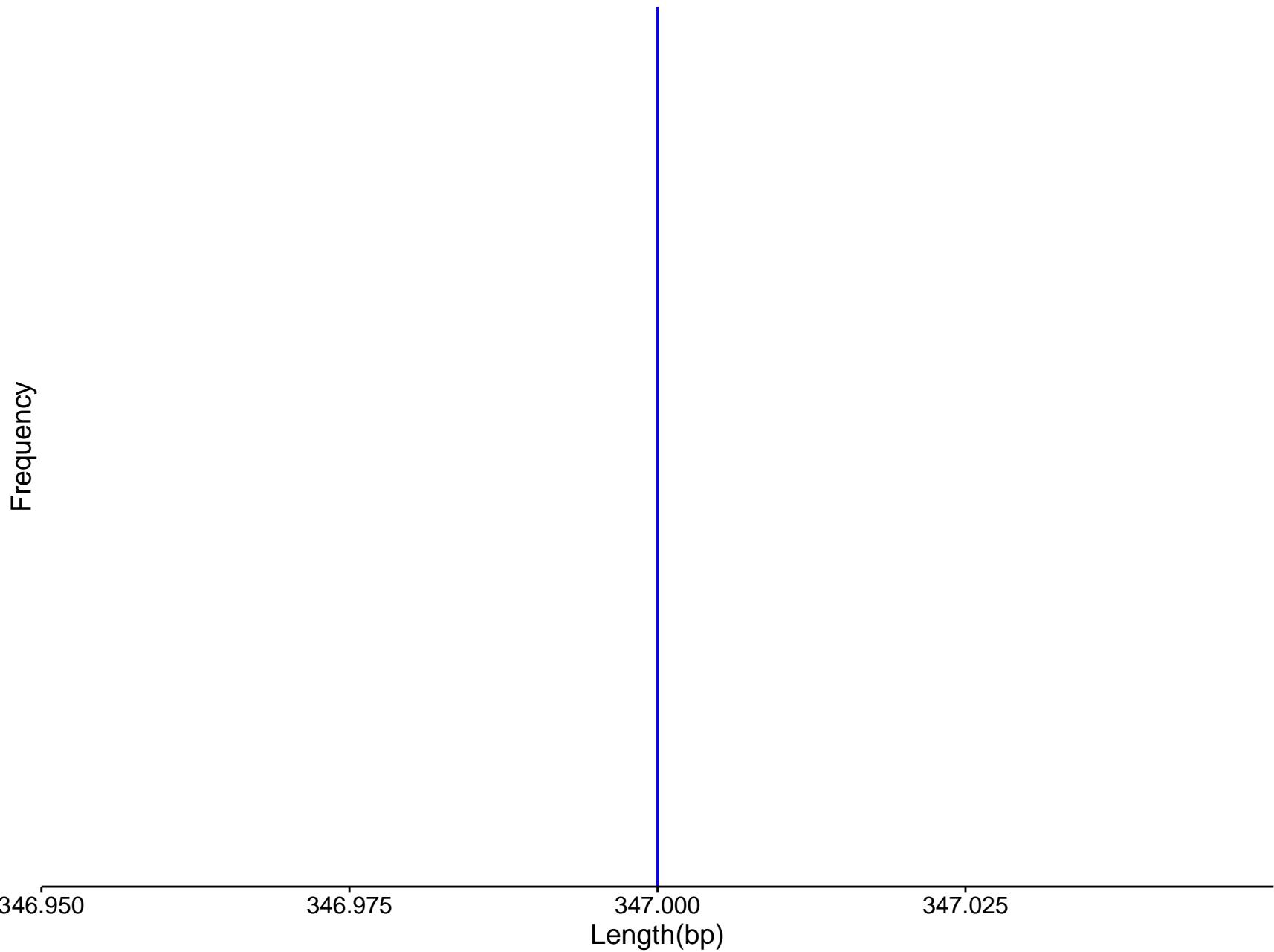
Cluster816



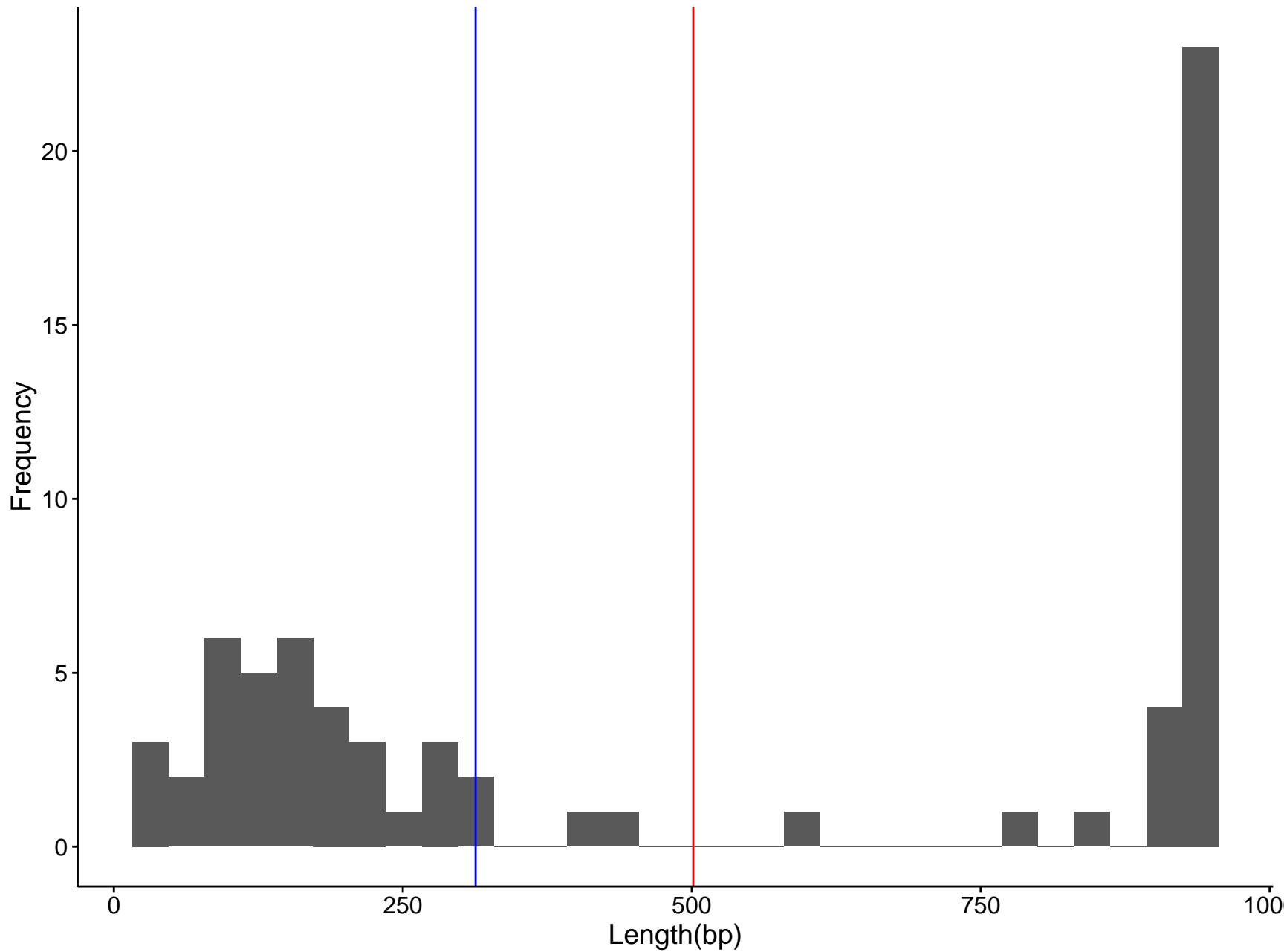
Cluster817



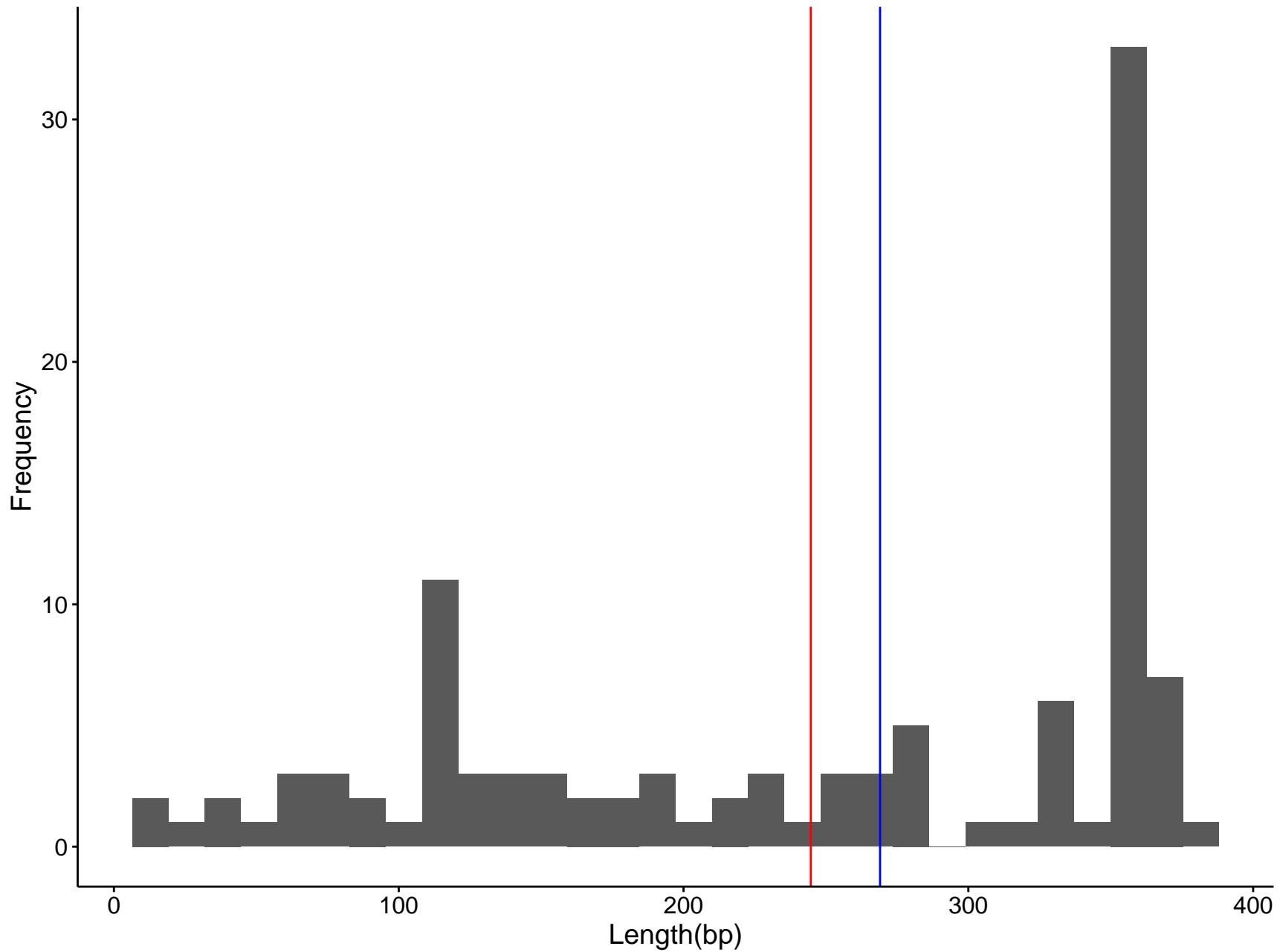
Cluster81



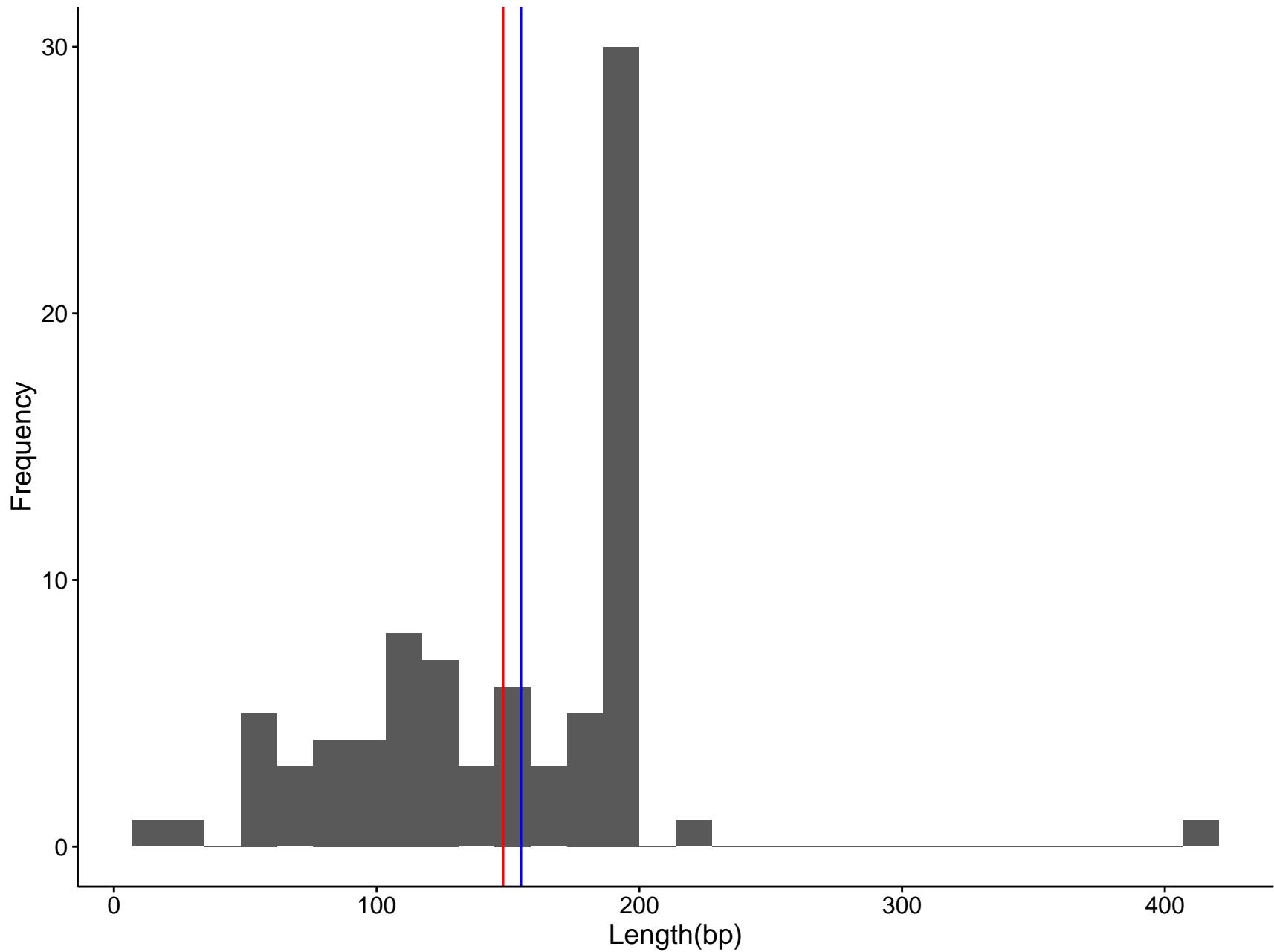
Cluster820



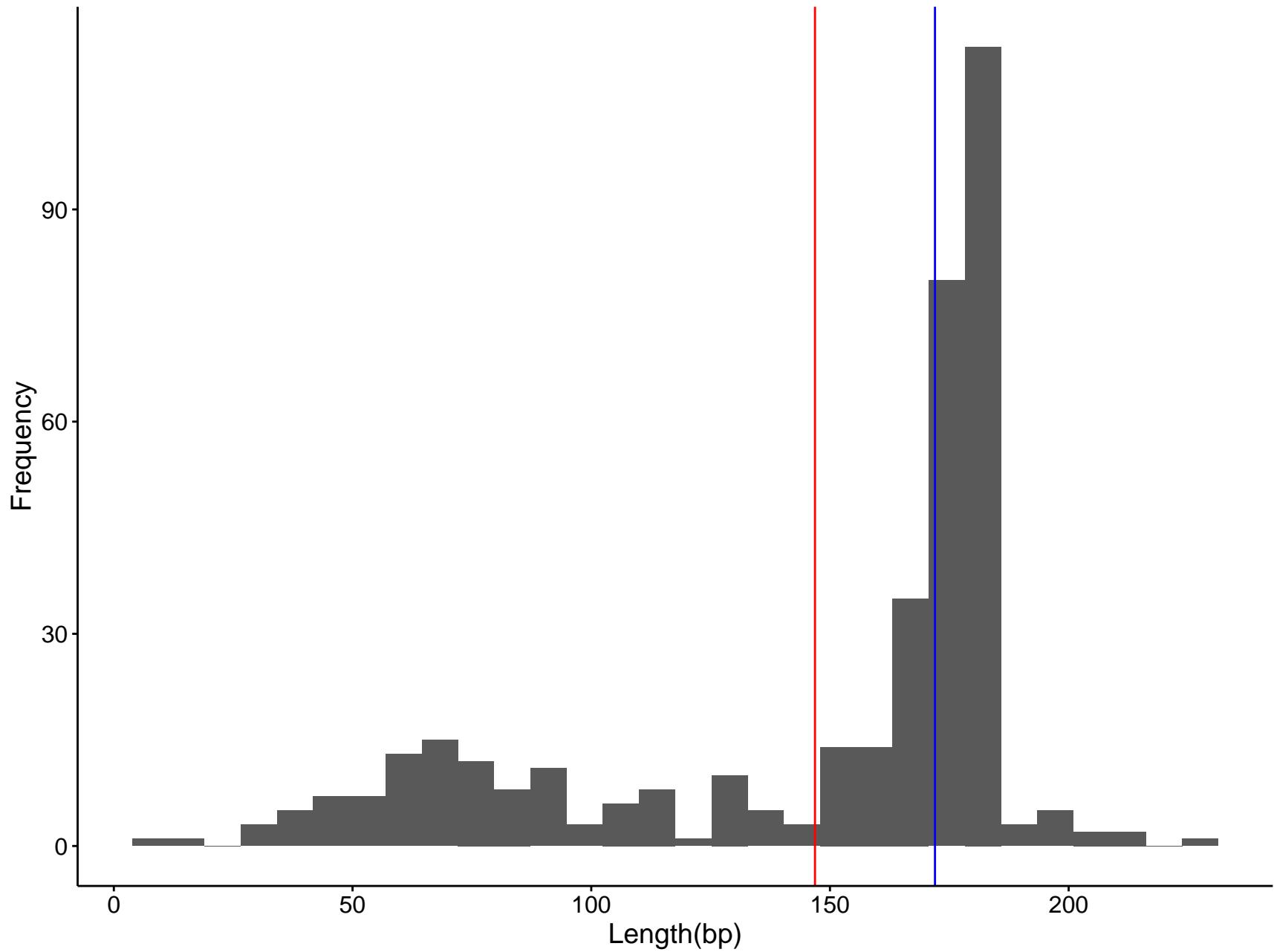
Cluster821



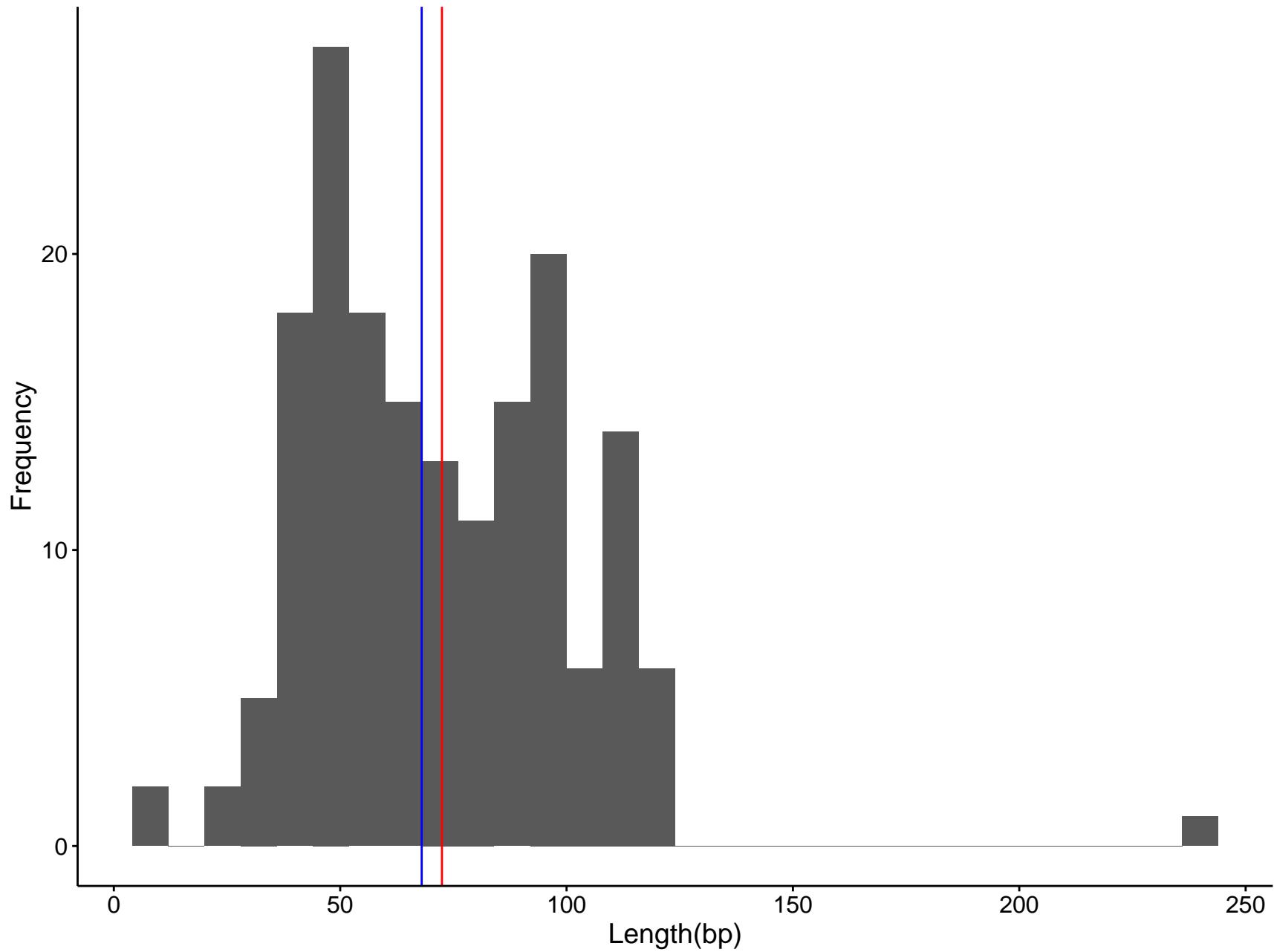
Cluster822



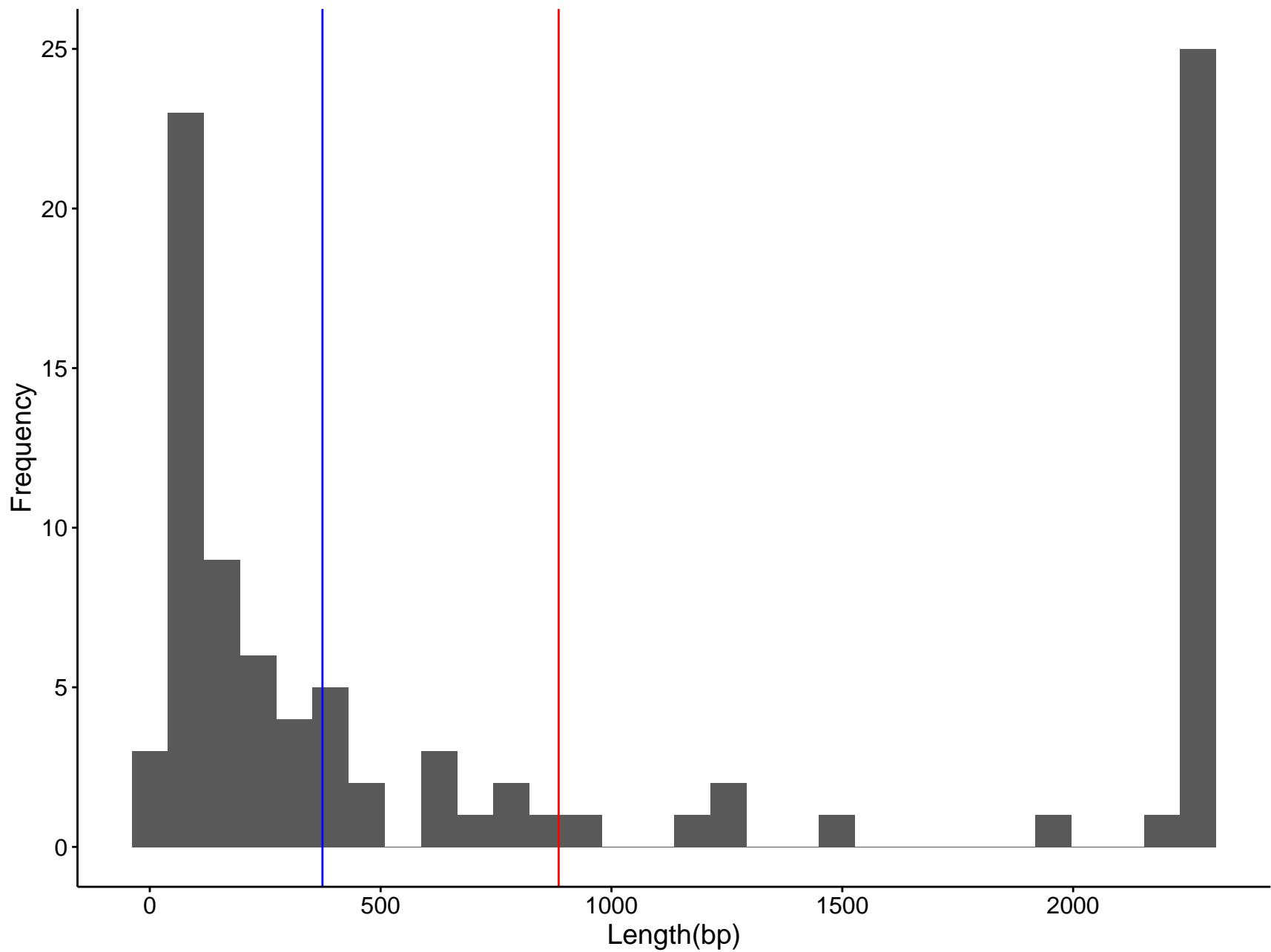
Cluster823



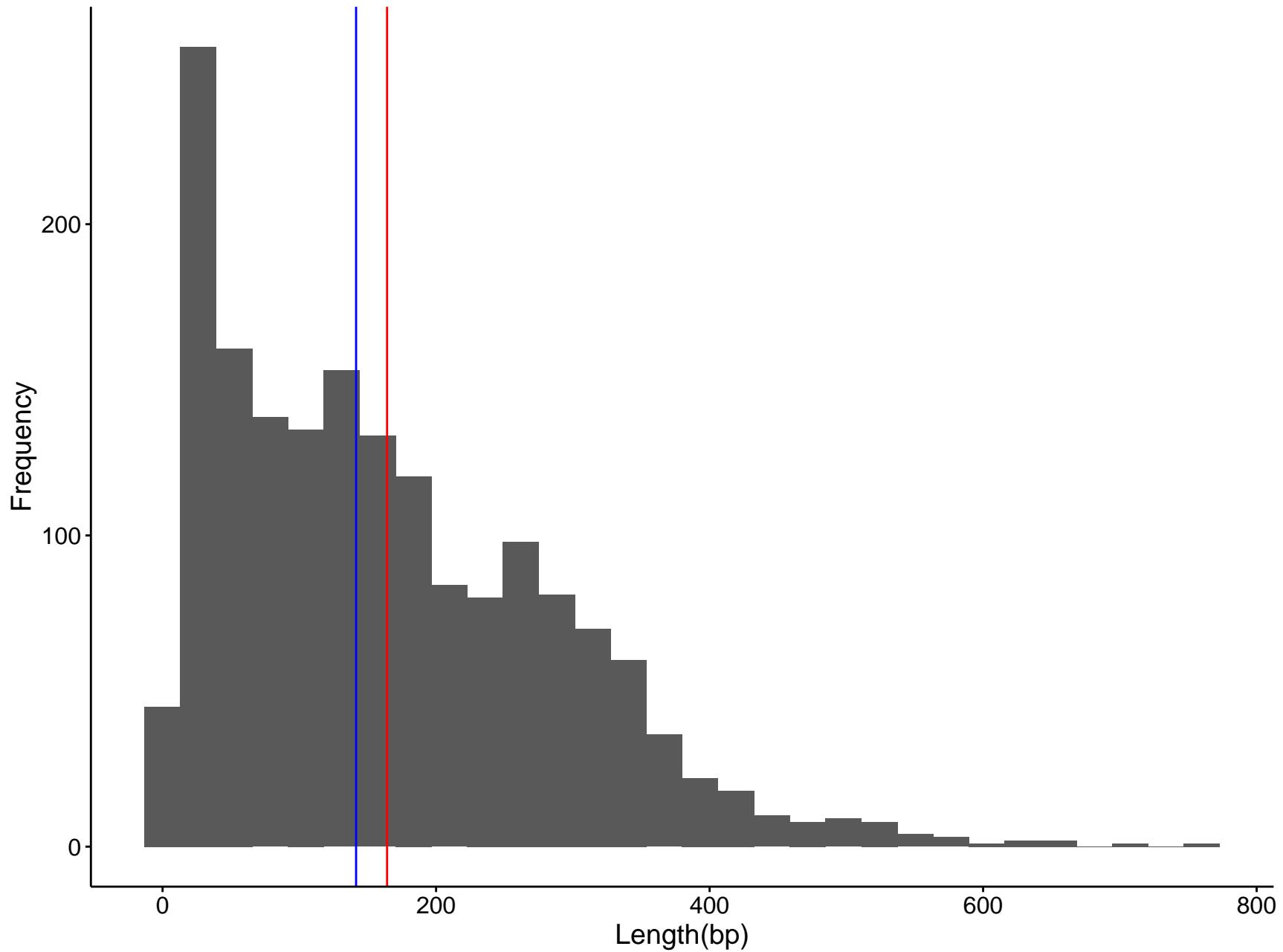
Cluster824



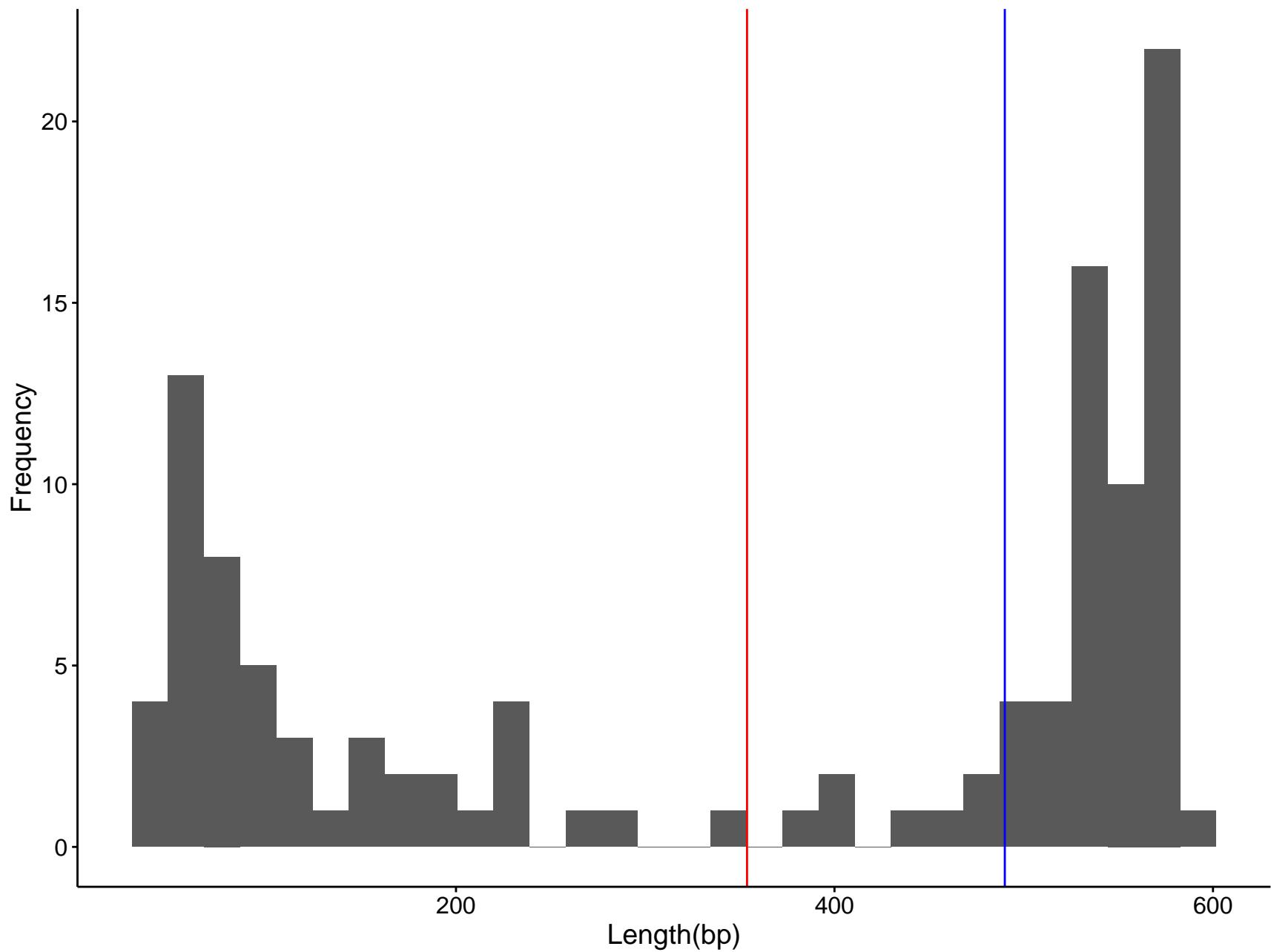
Cluster825

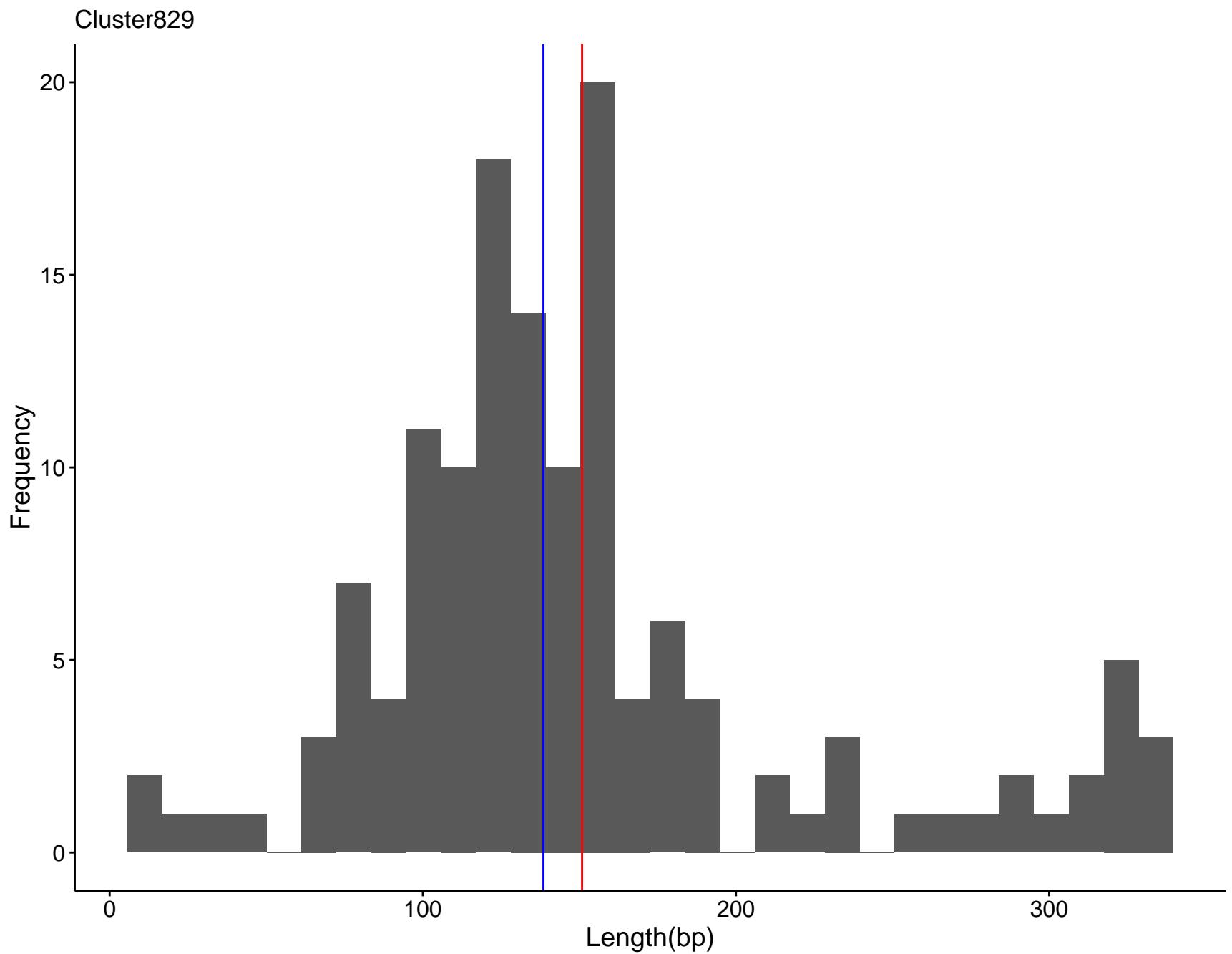


Cluster827



Cluster828





Cluster82

Frequency

655.950

655.975

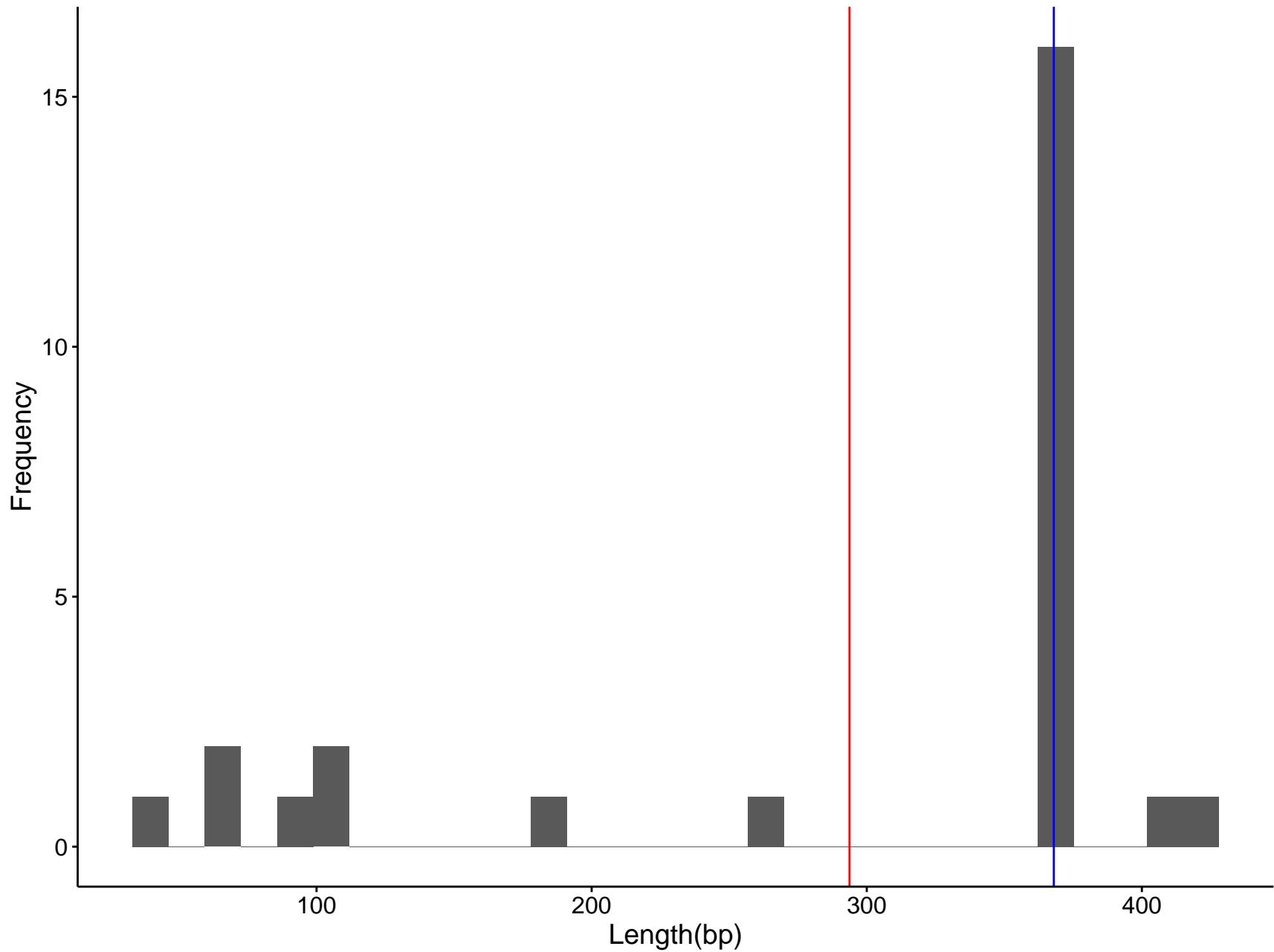
656.000

656.025

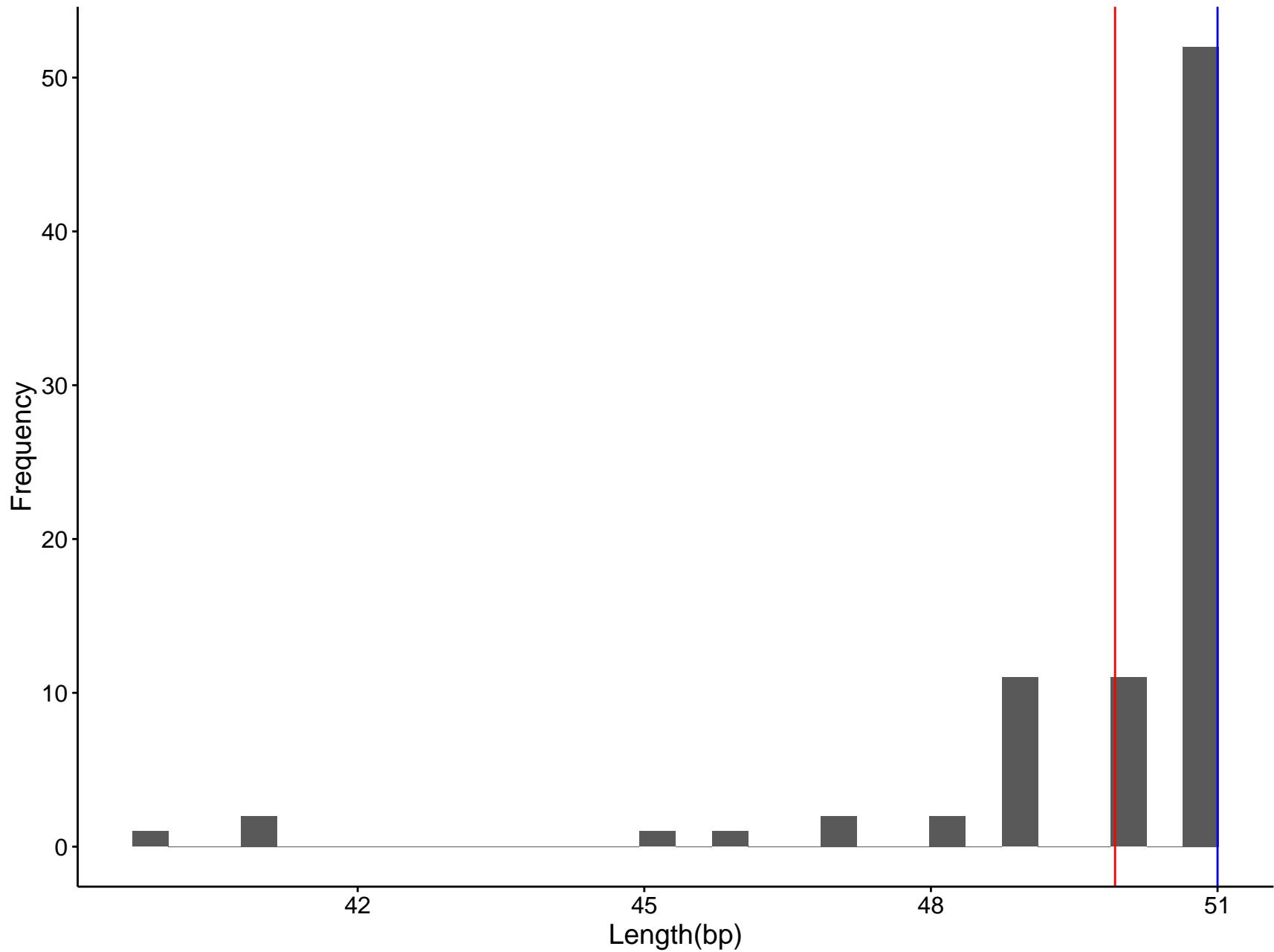
Length(bp)

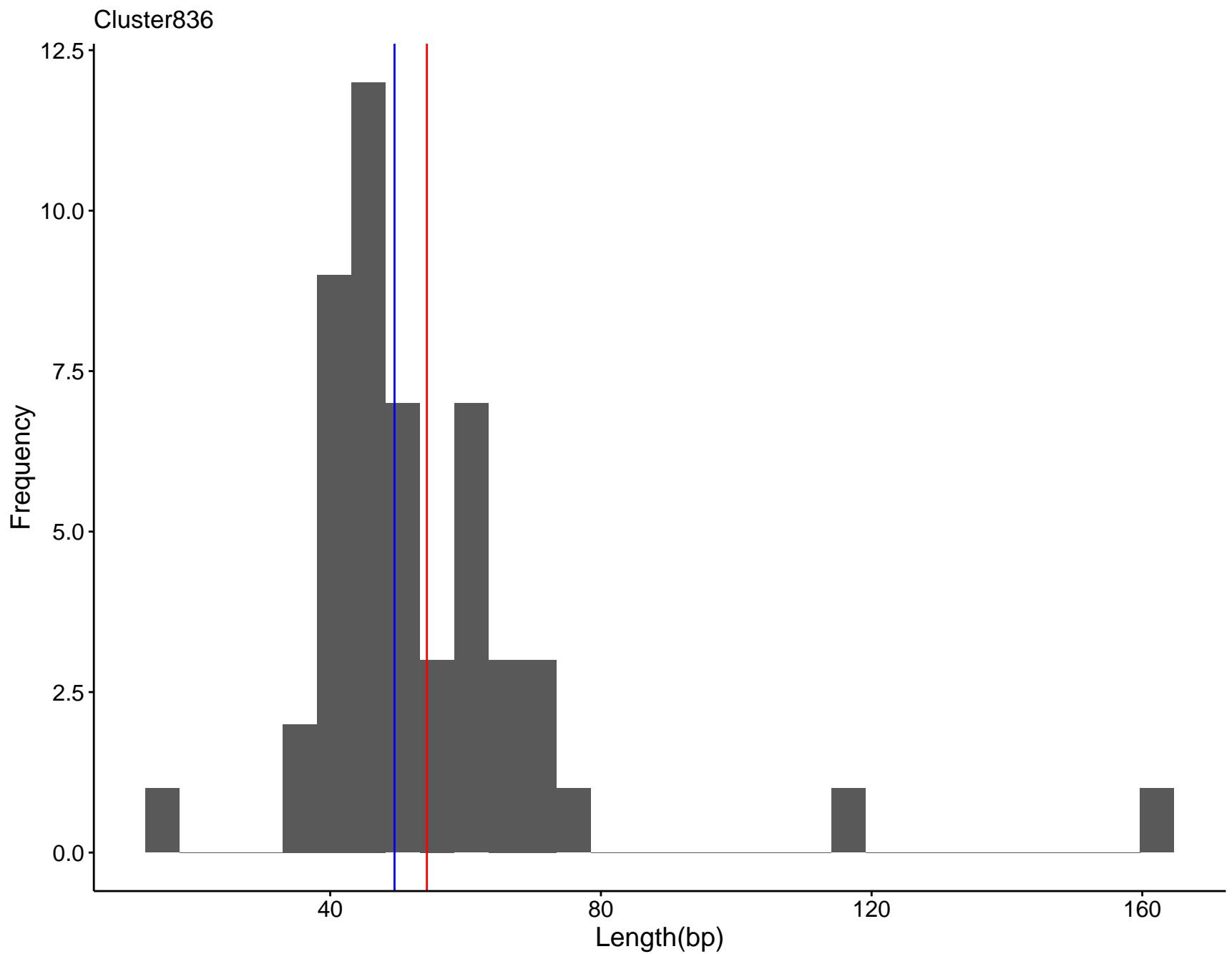


Cluster833

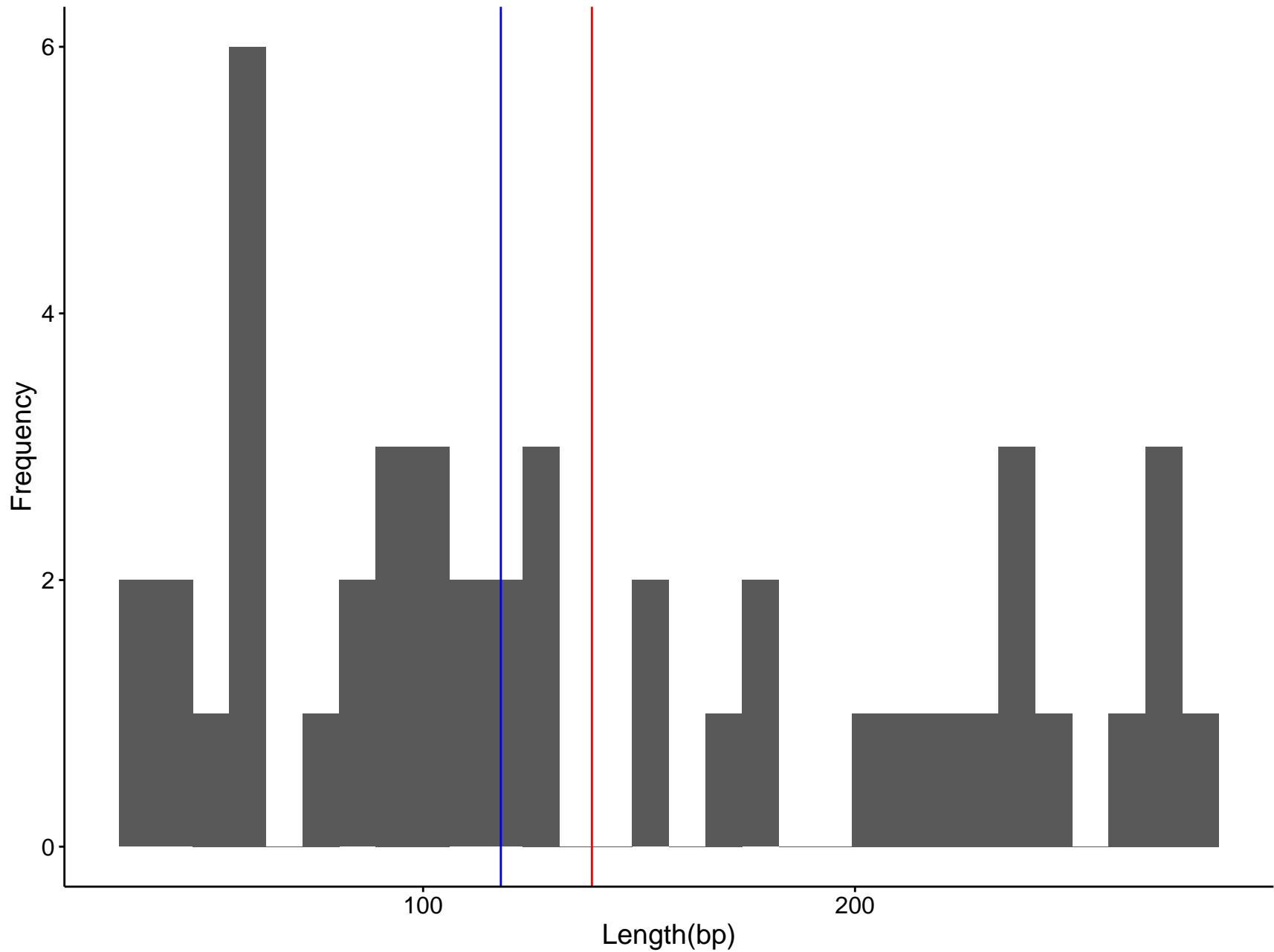


Cluster835

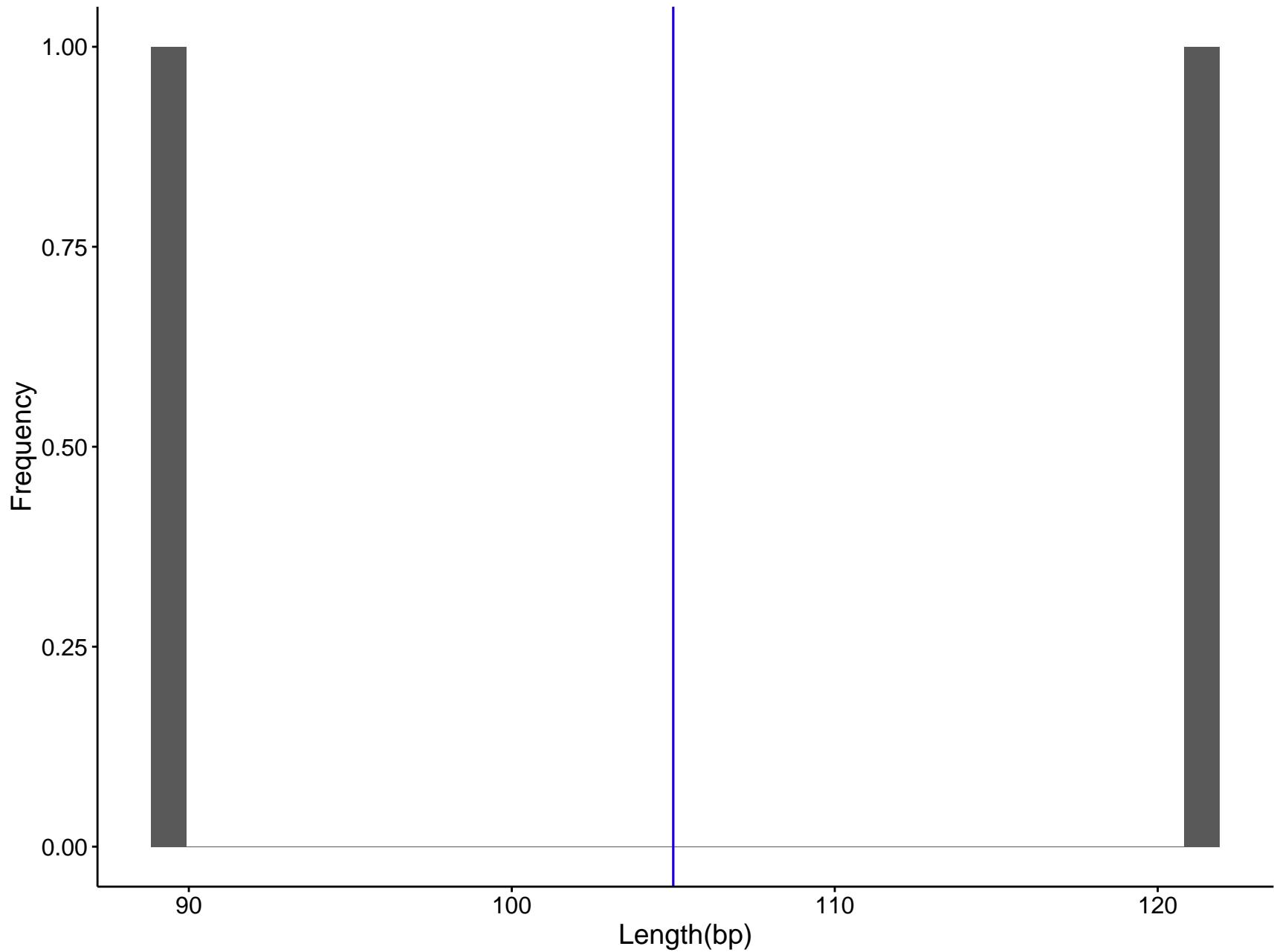




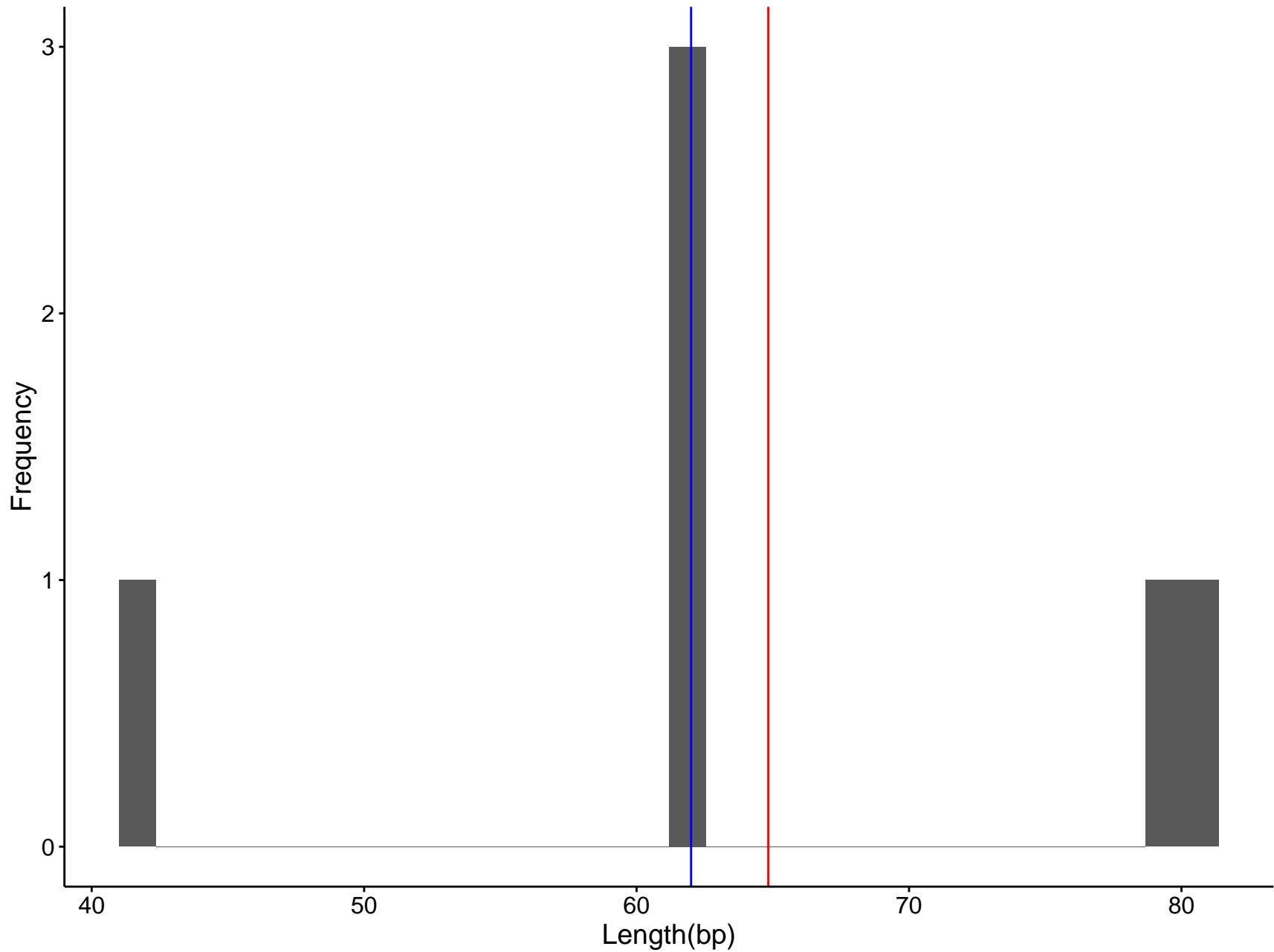
Cluster838



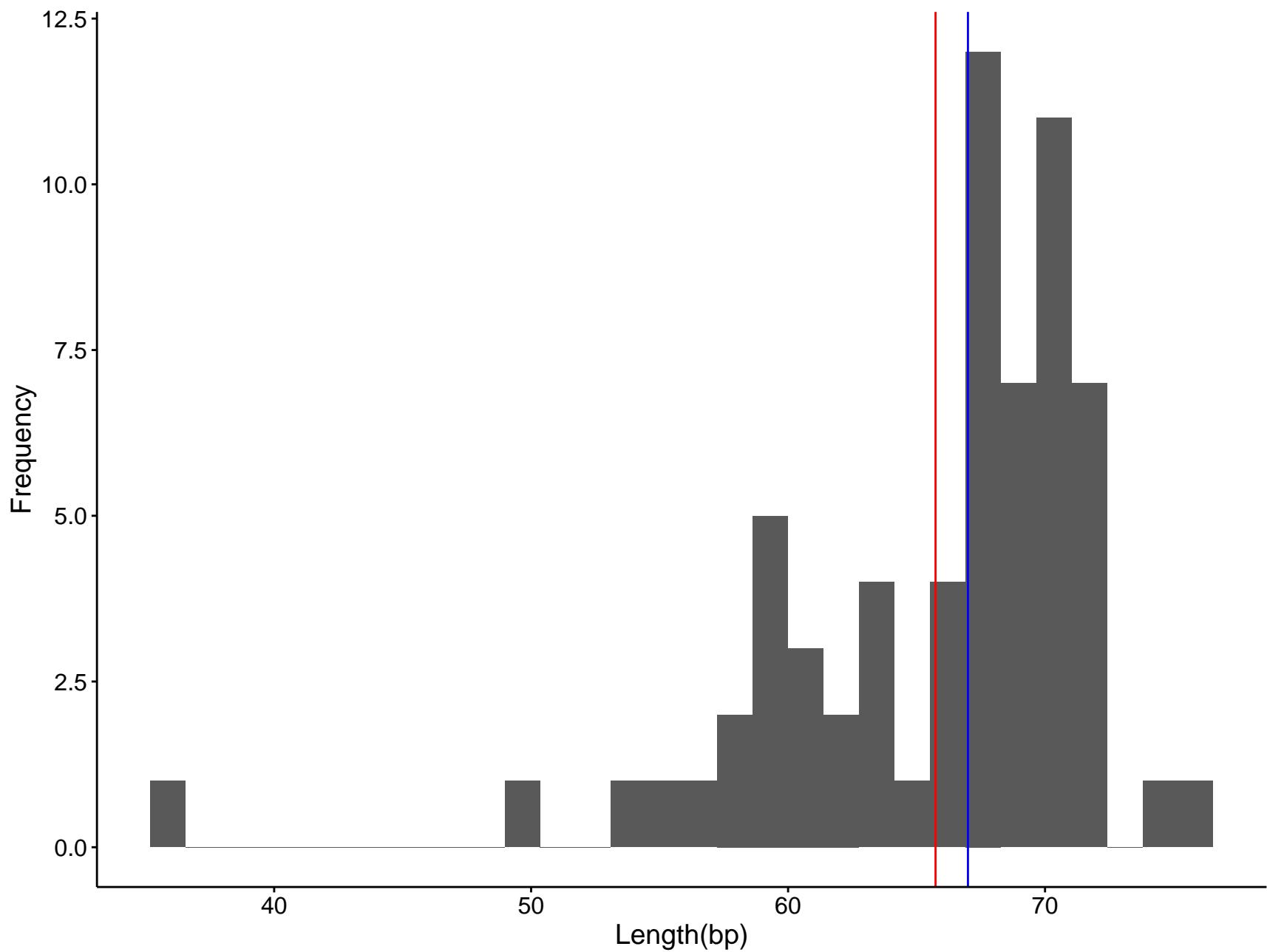
Cluster83



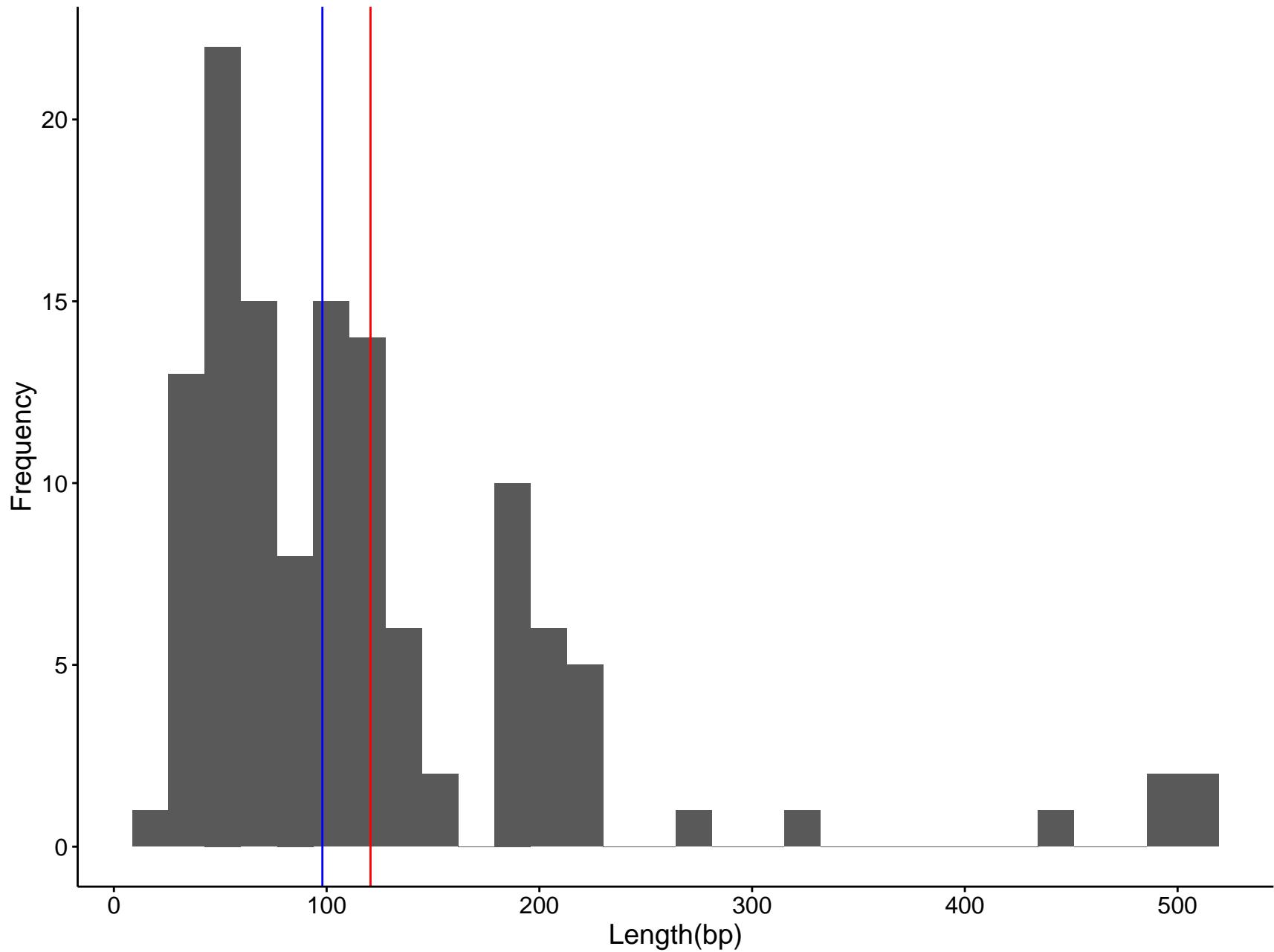
Cluster842



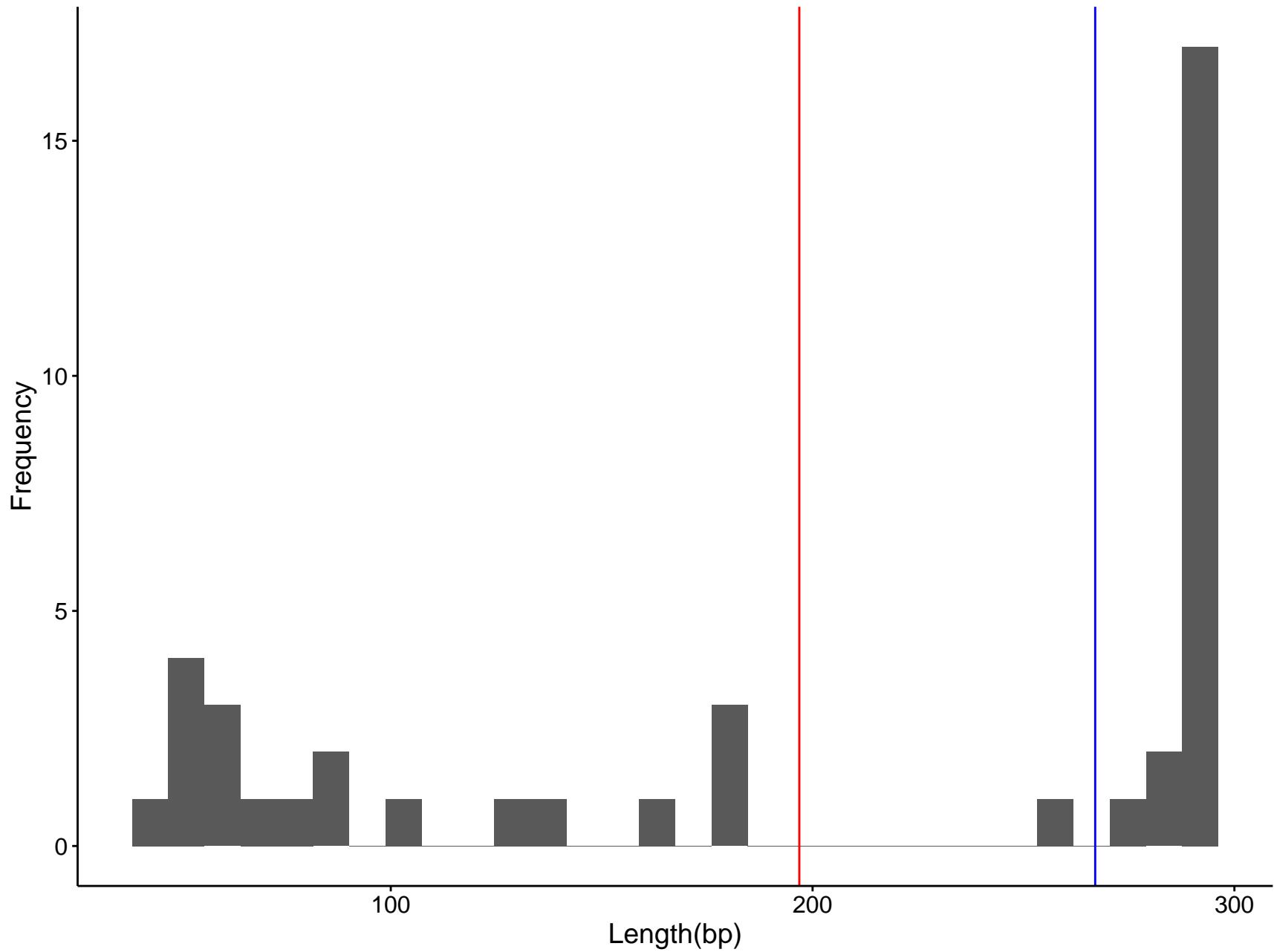
Cluster844



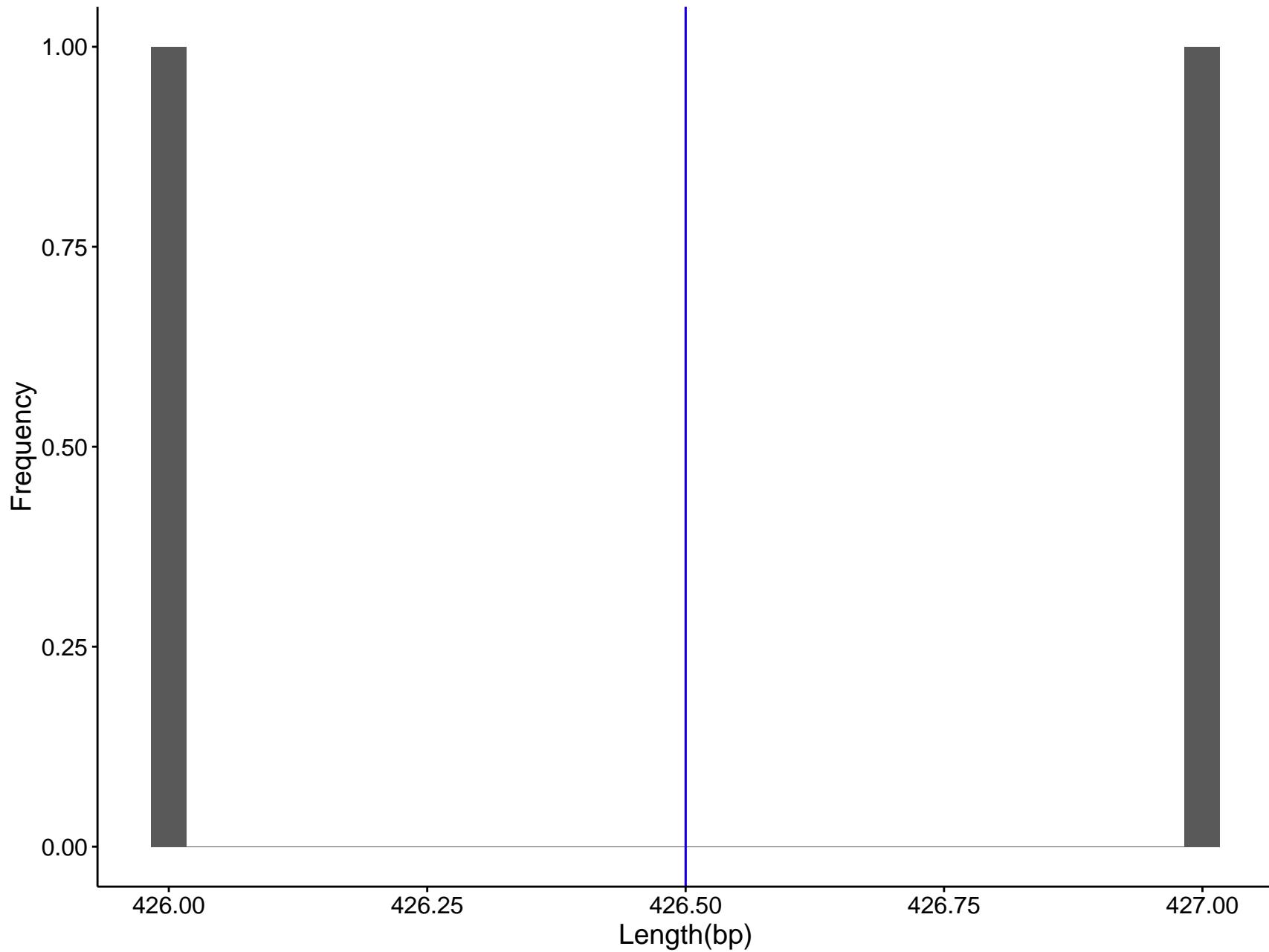
Cluster845



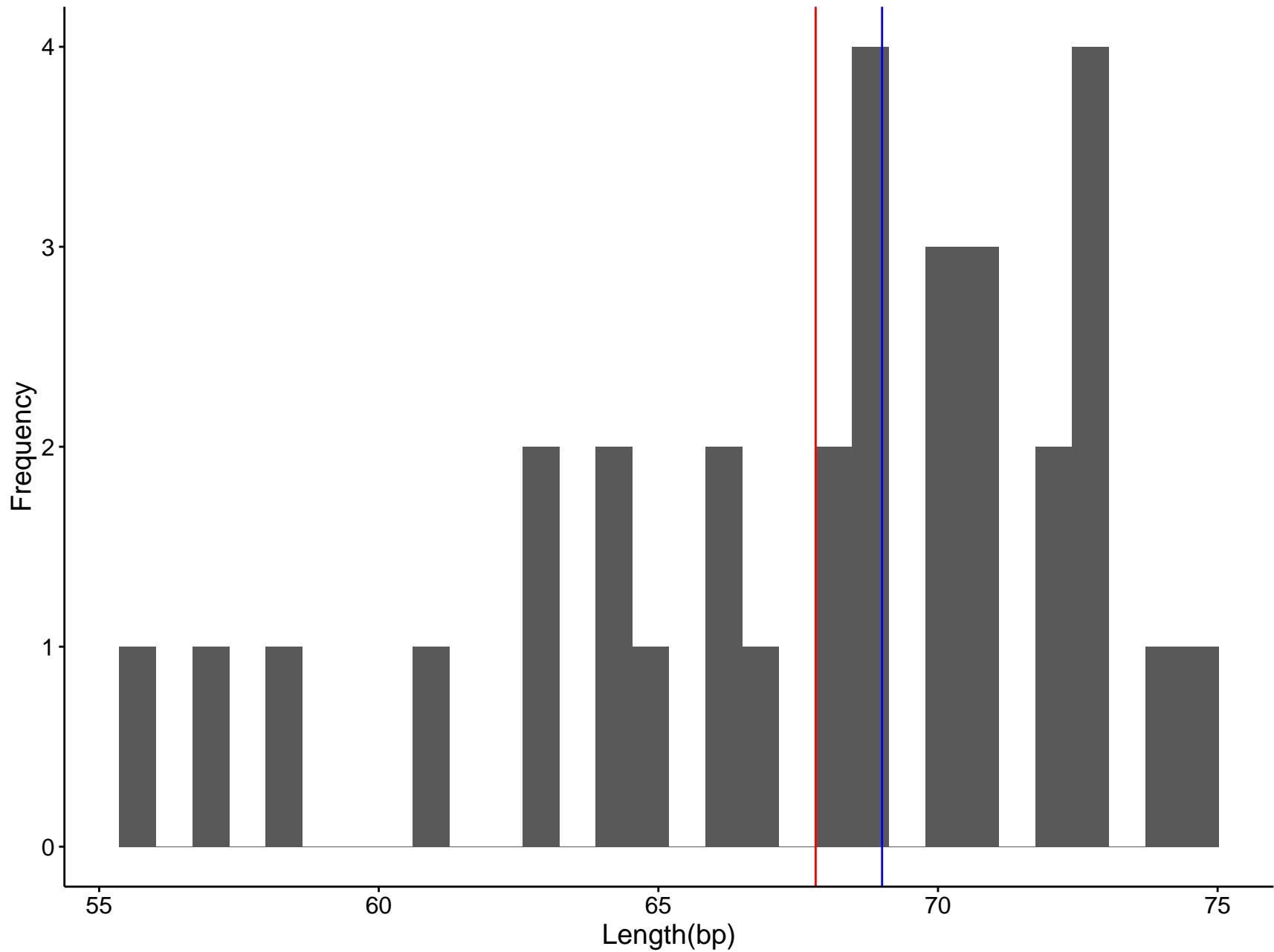
Cluster846



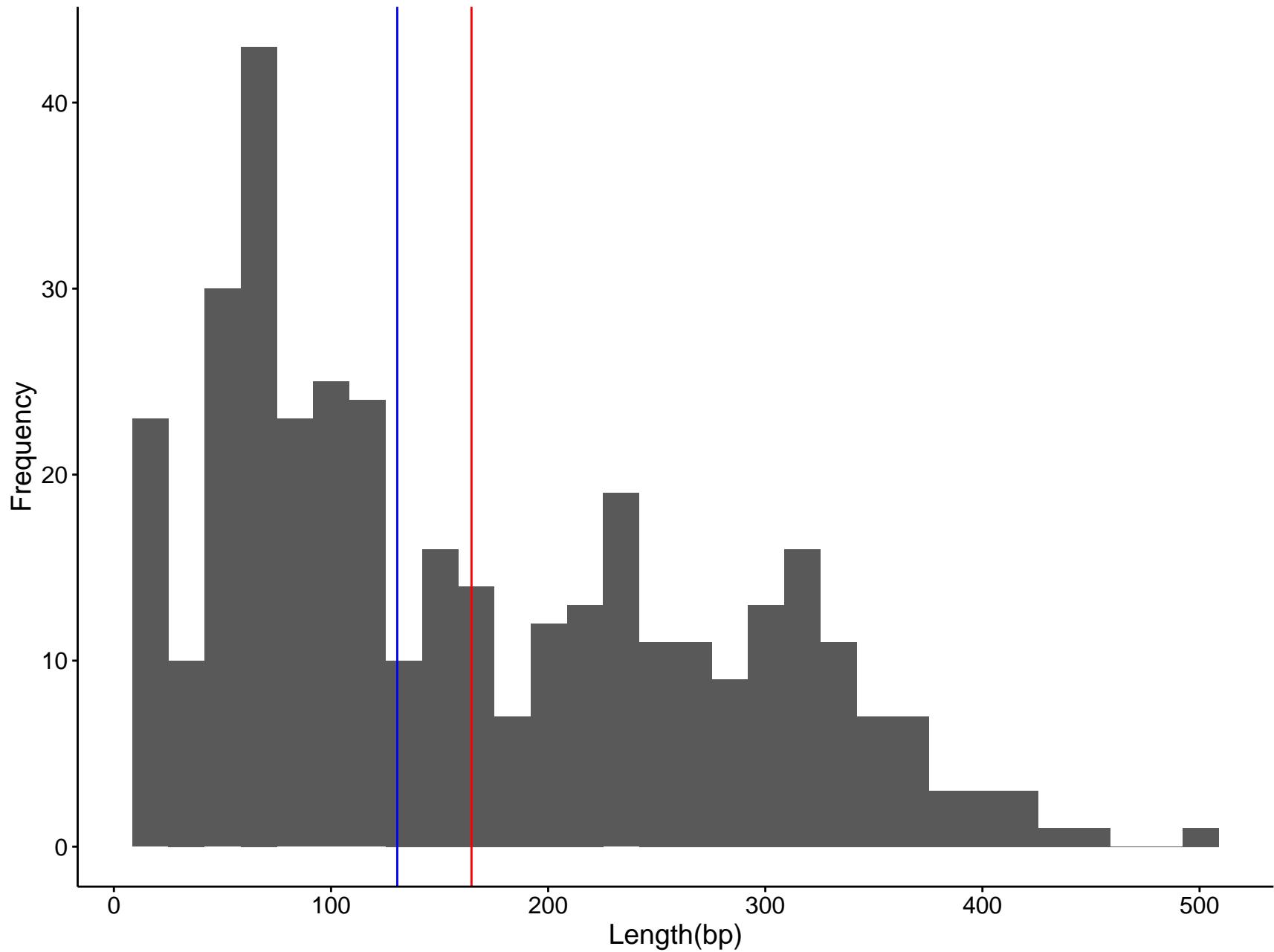
Cluster84



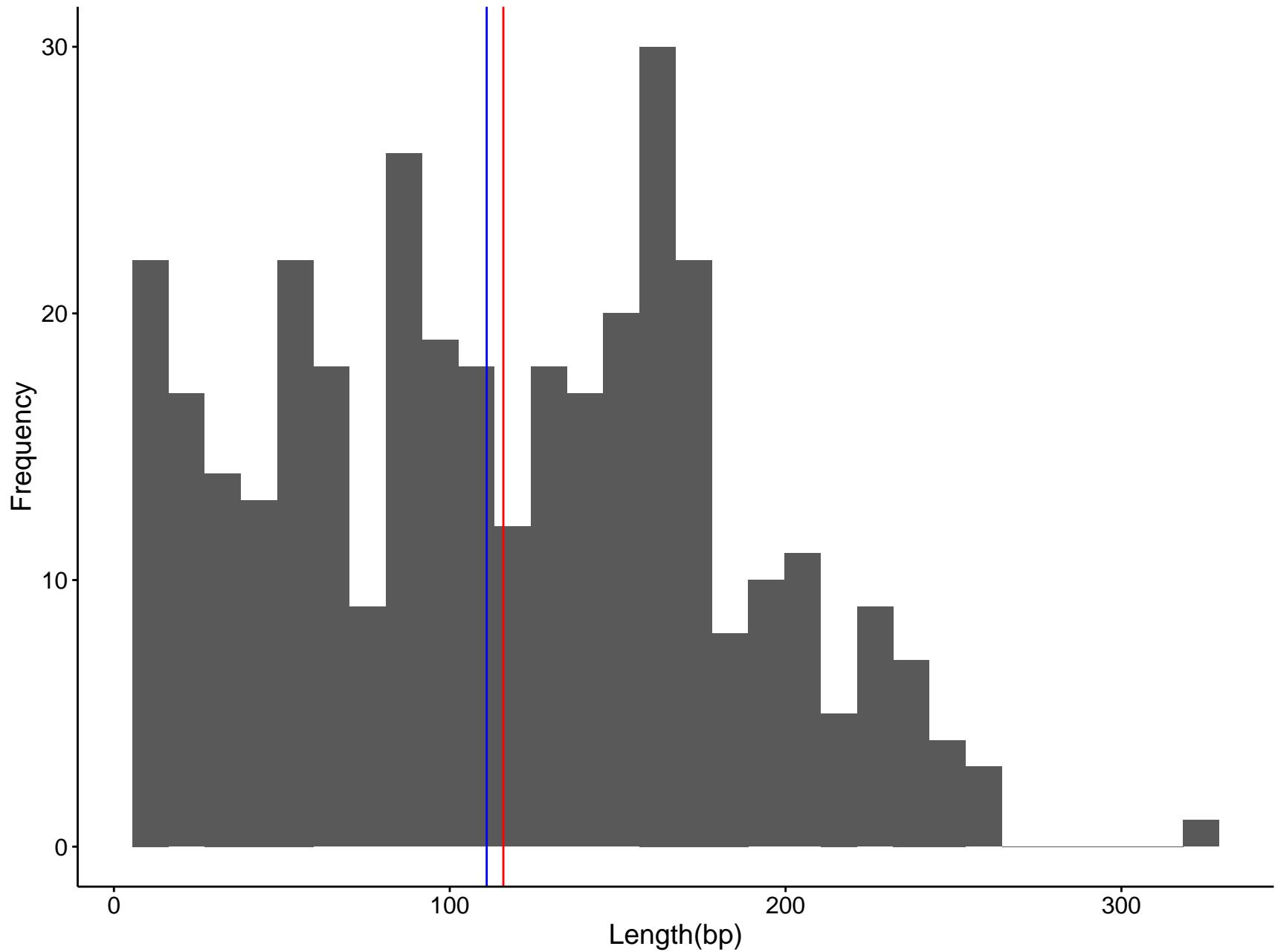
Cluster852



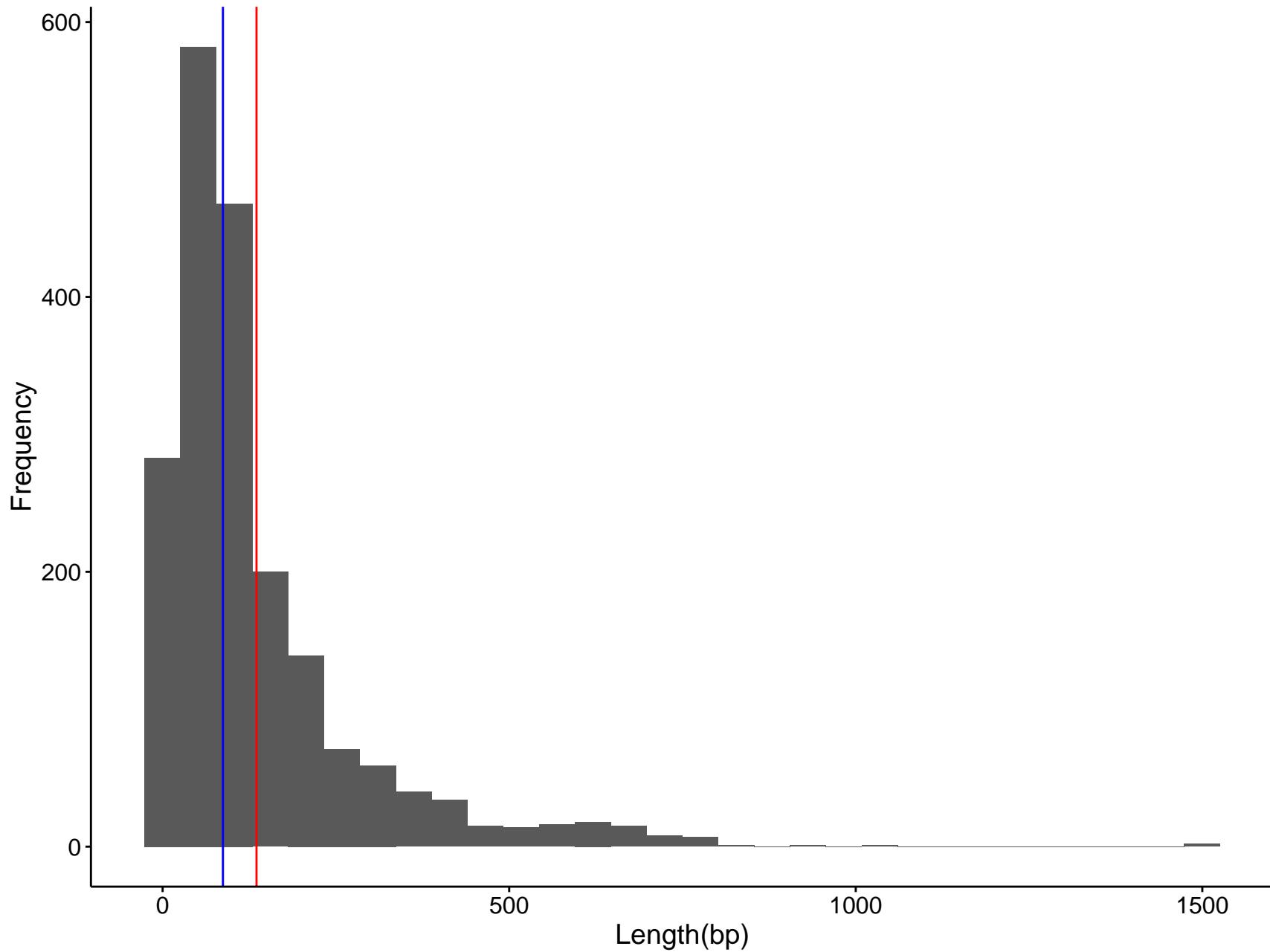
Cluster853



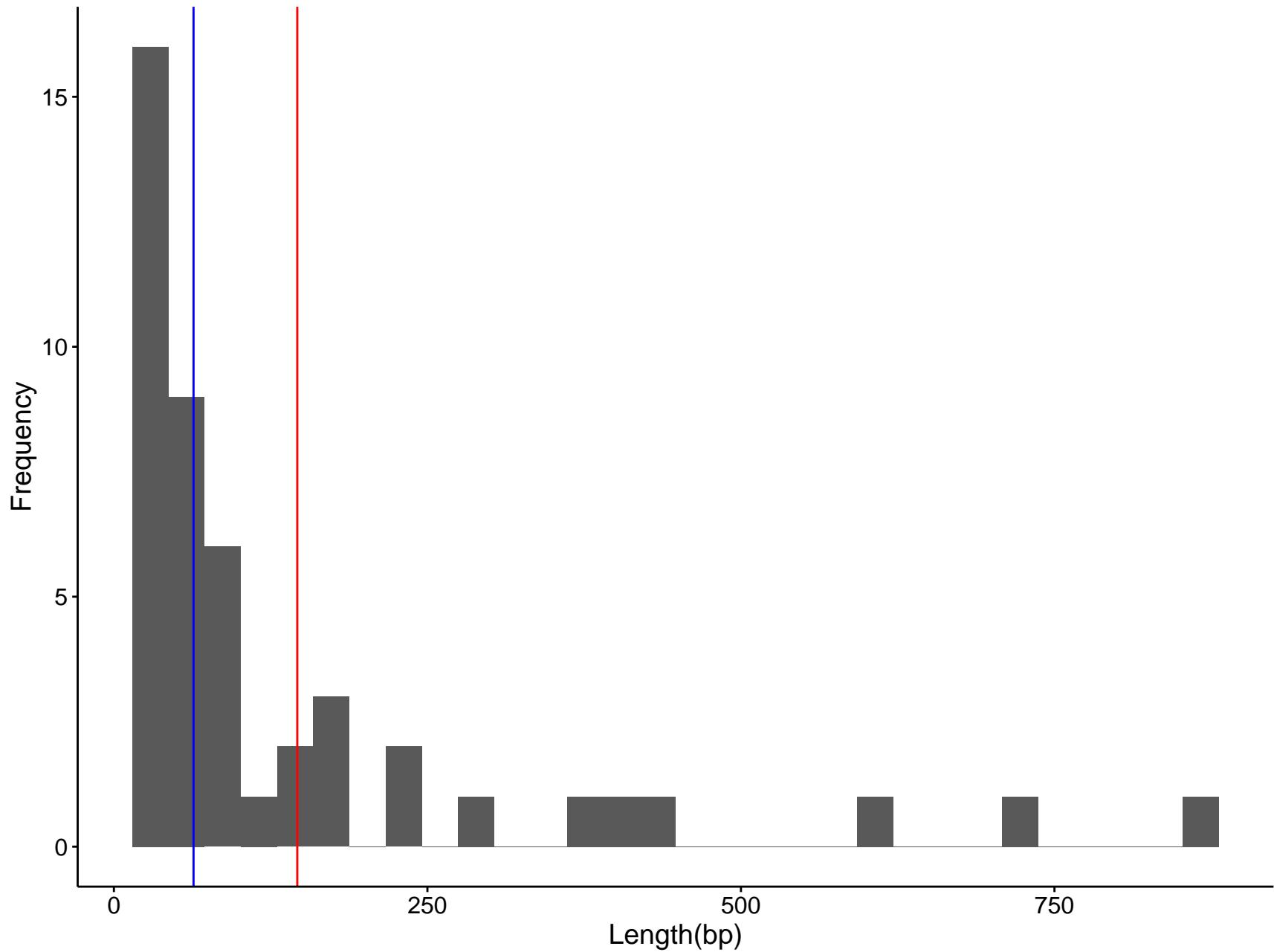
Cluster855



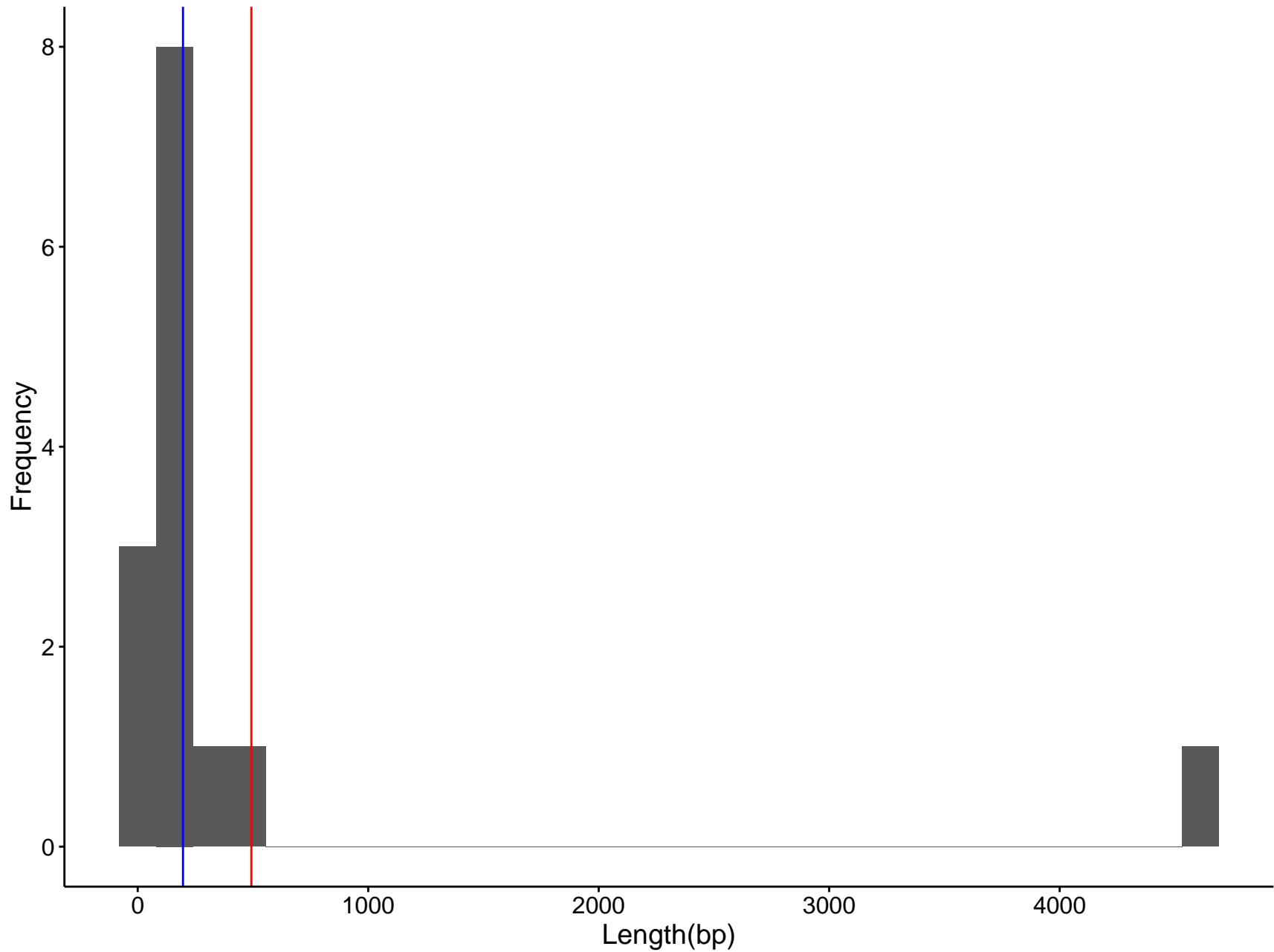
Cluster856



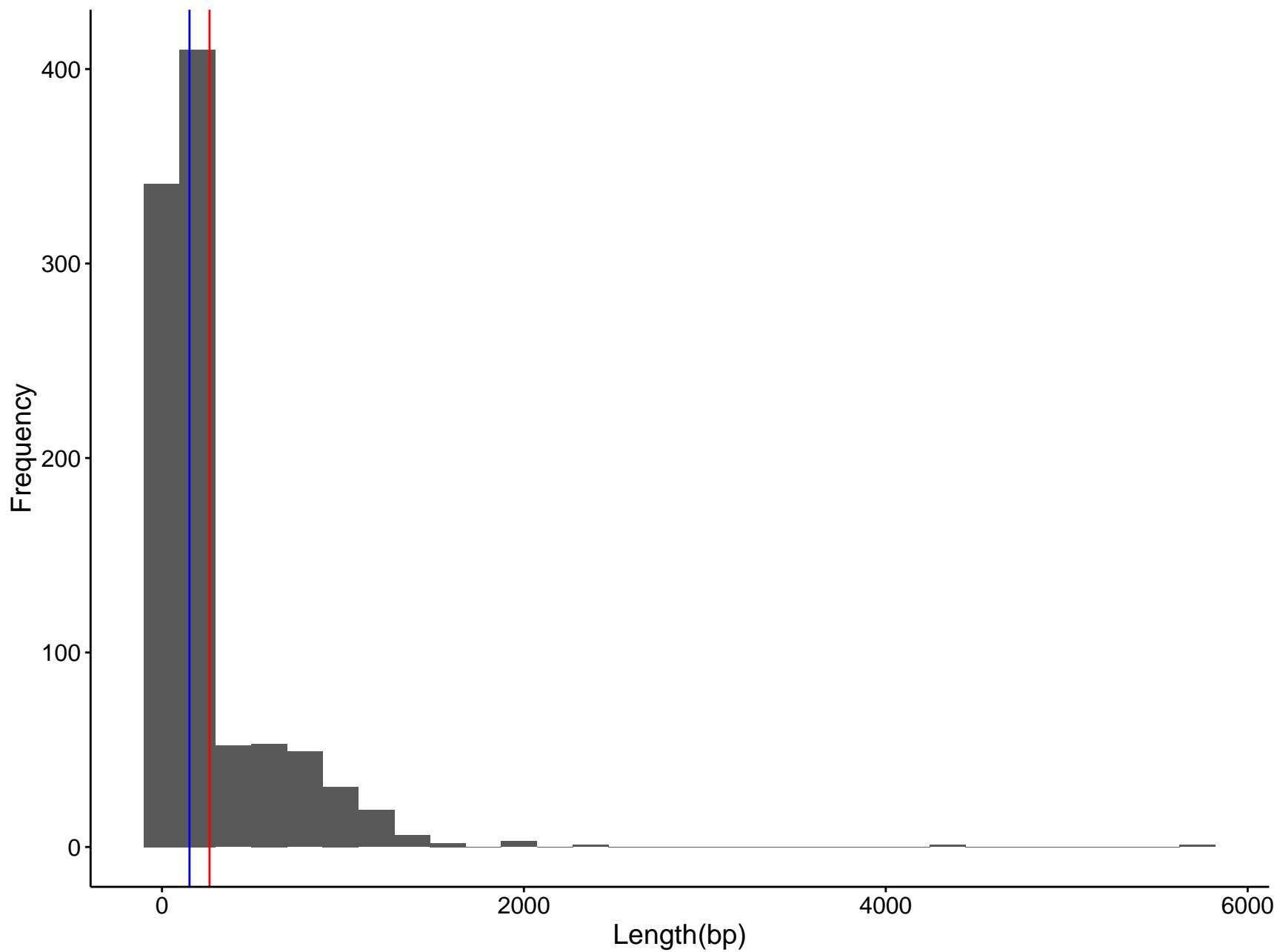
Cluster857



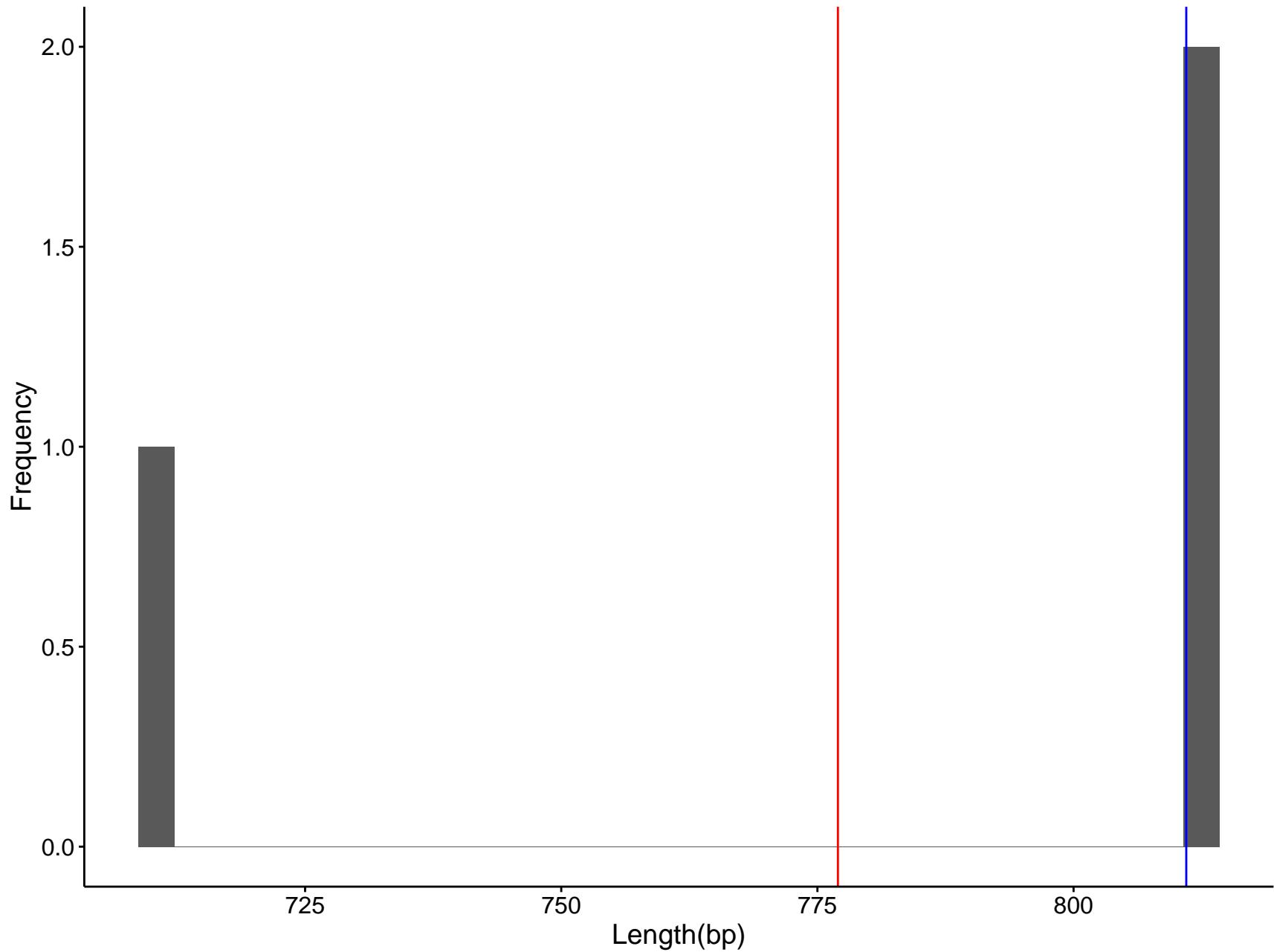
Cluster858



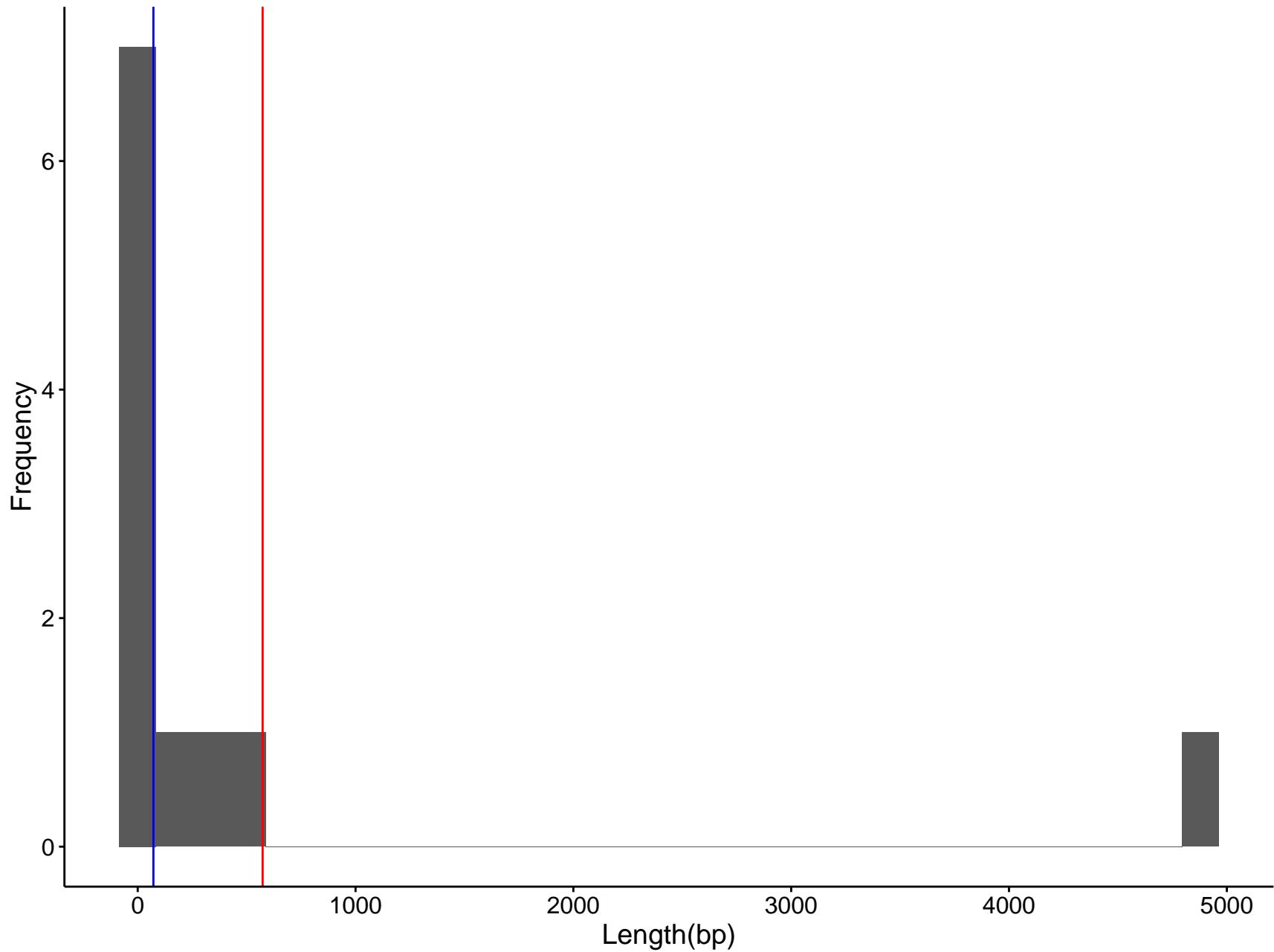
Cluster859



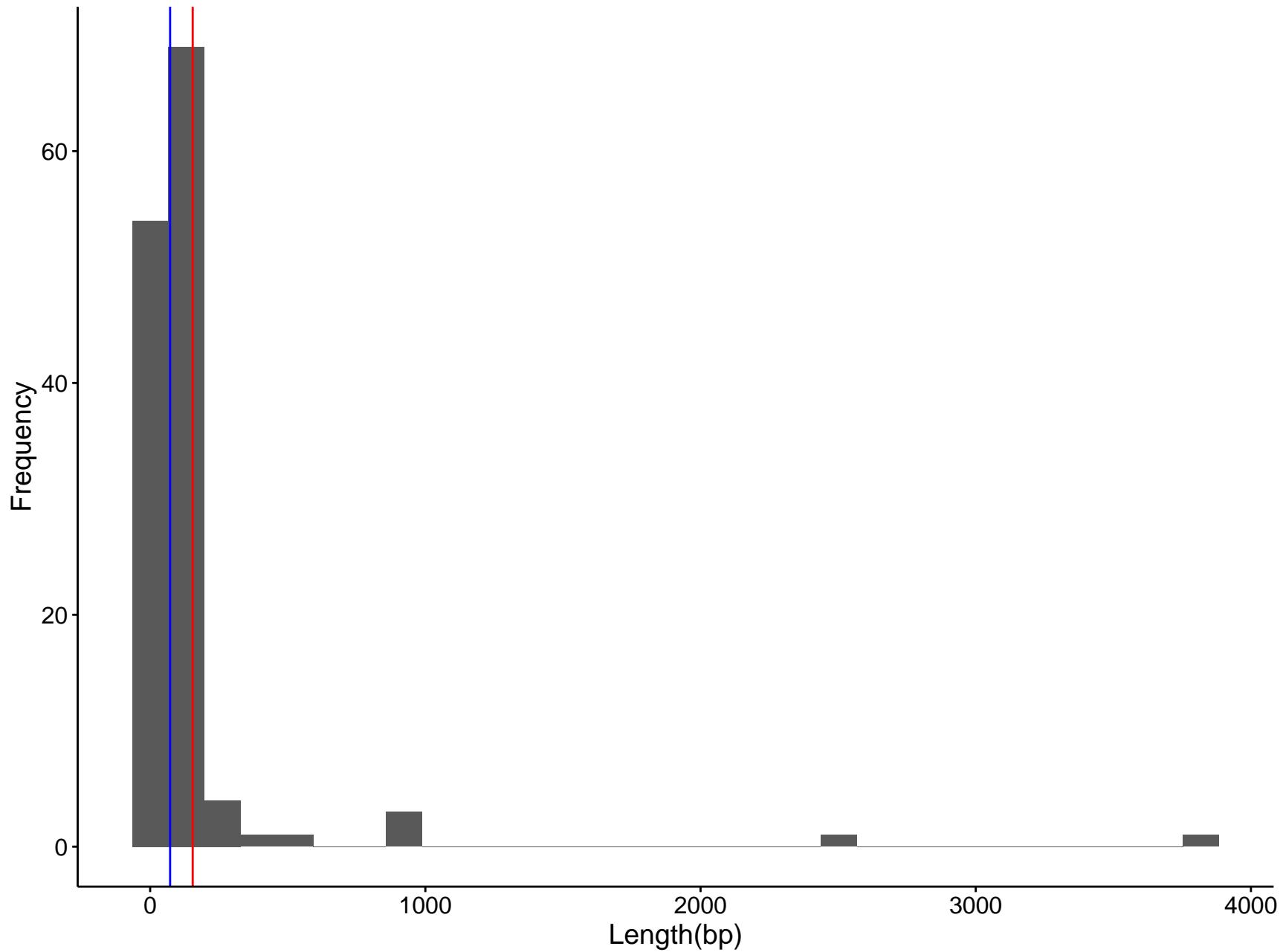
Cluster85



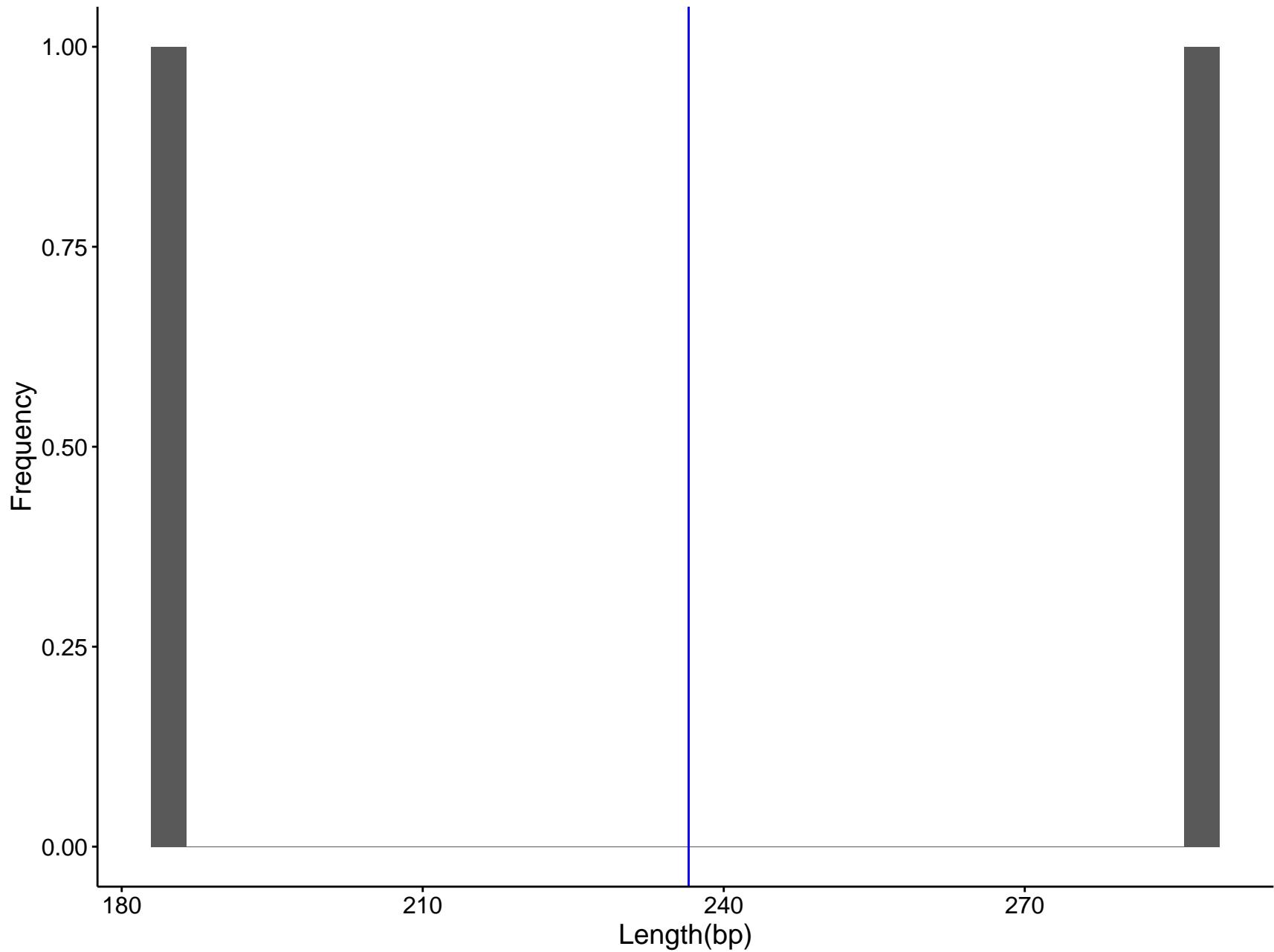
Cluster860



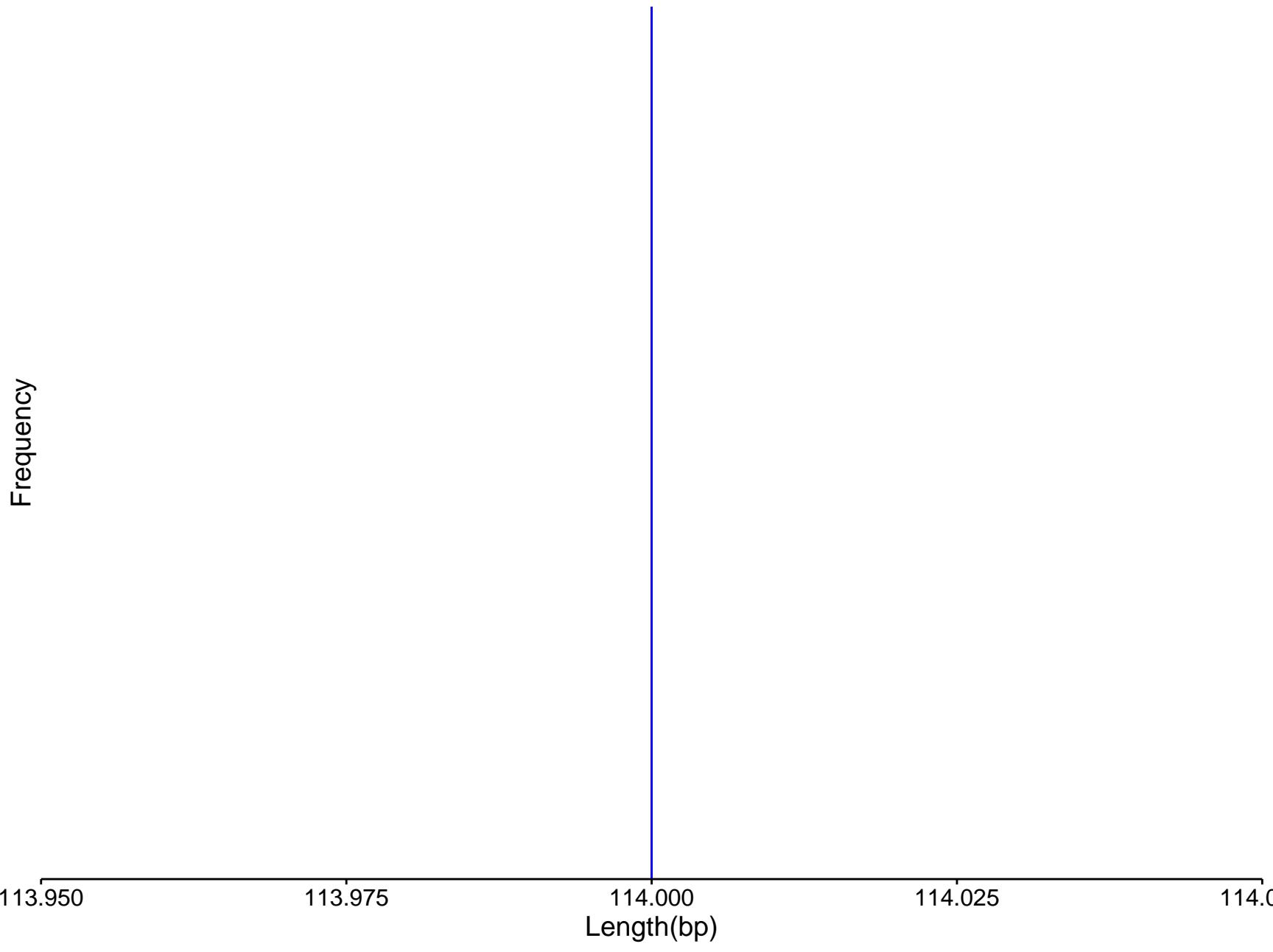
Cluster861



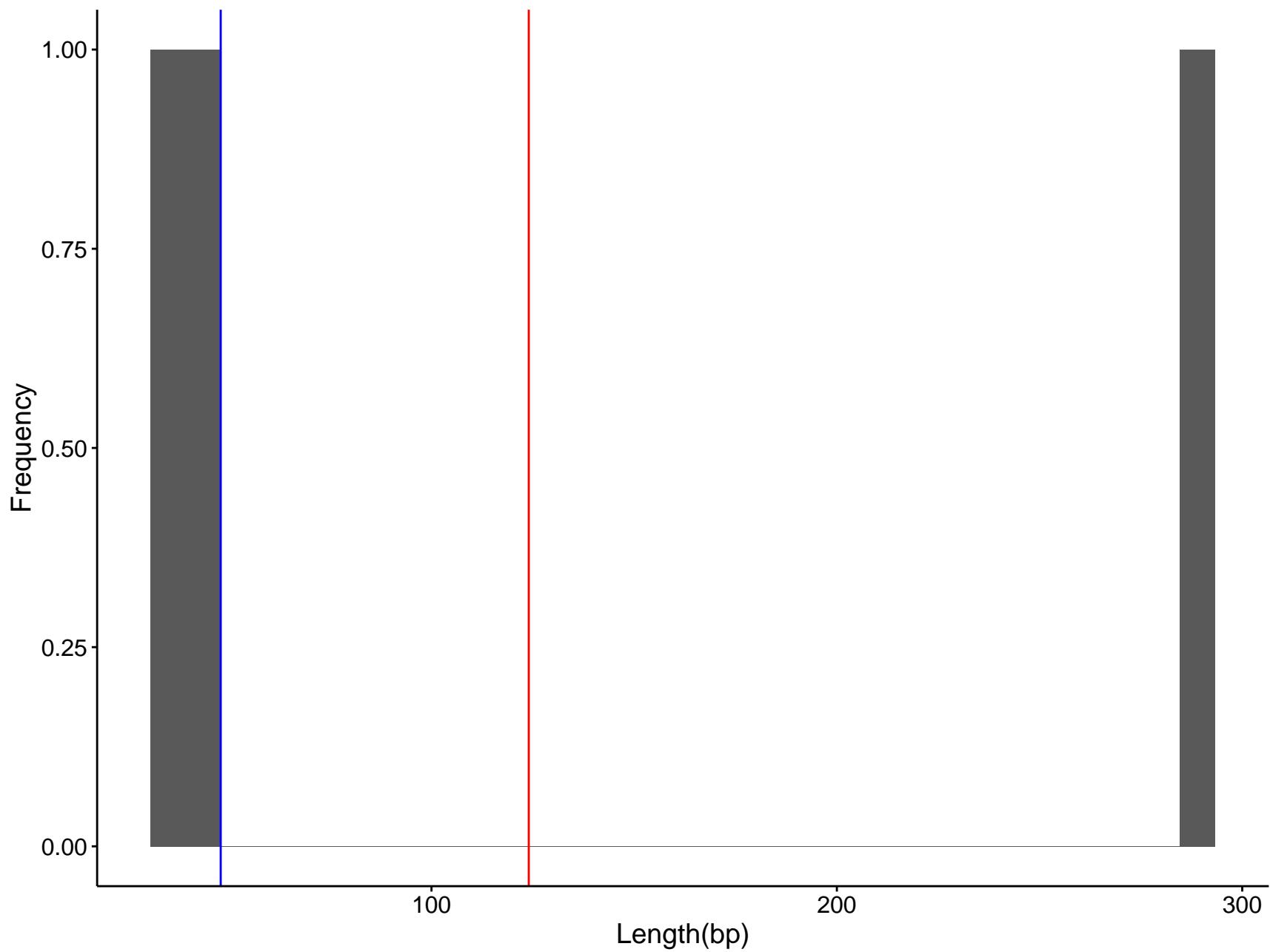
Cluster863



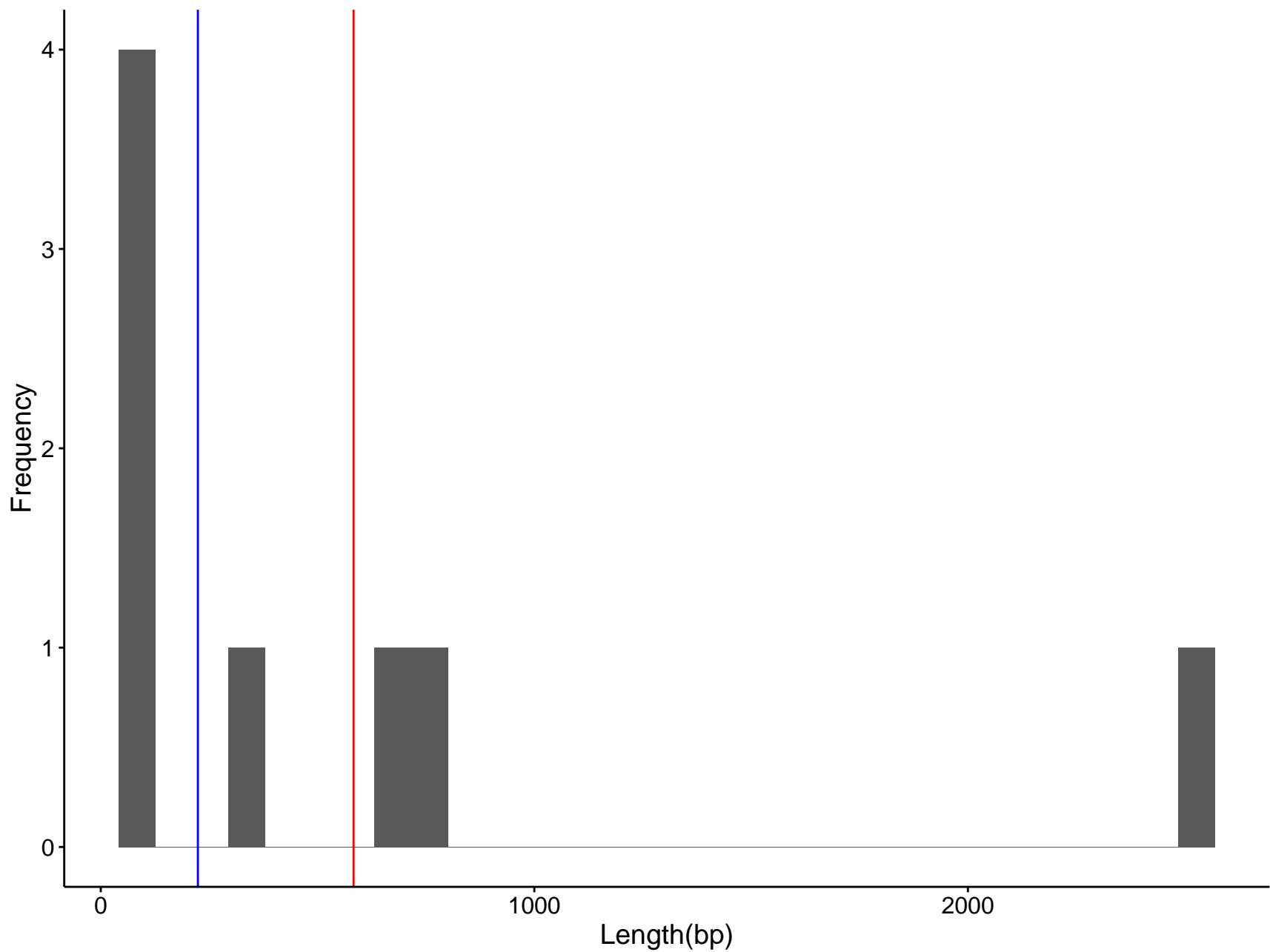
Cluster865



Cluster869



Cluster86



Cluster870

Frequency

205.950

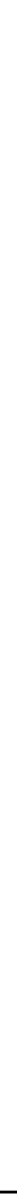
205.975

206.000

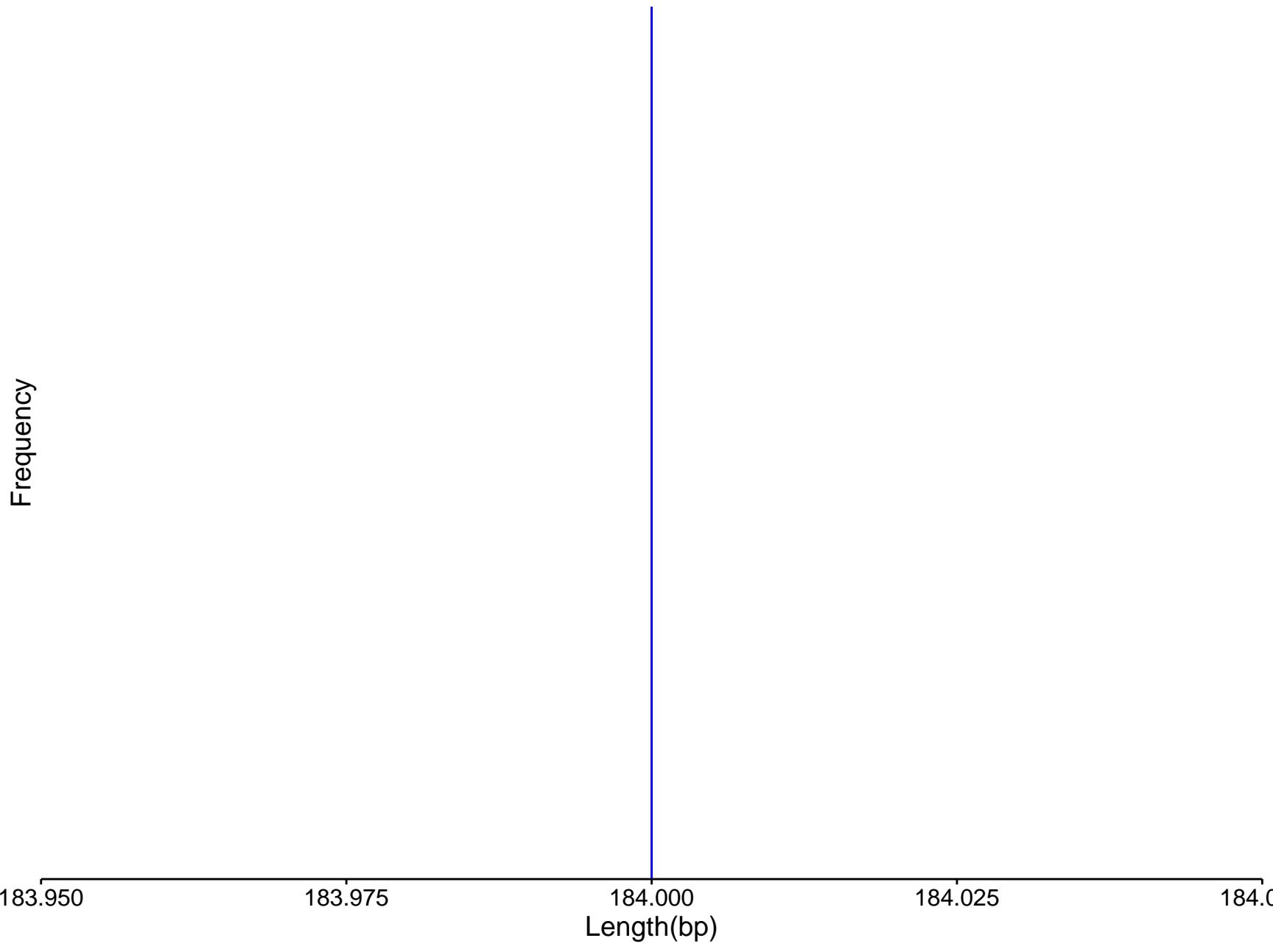
206.025

206.050

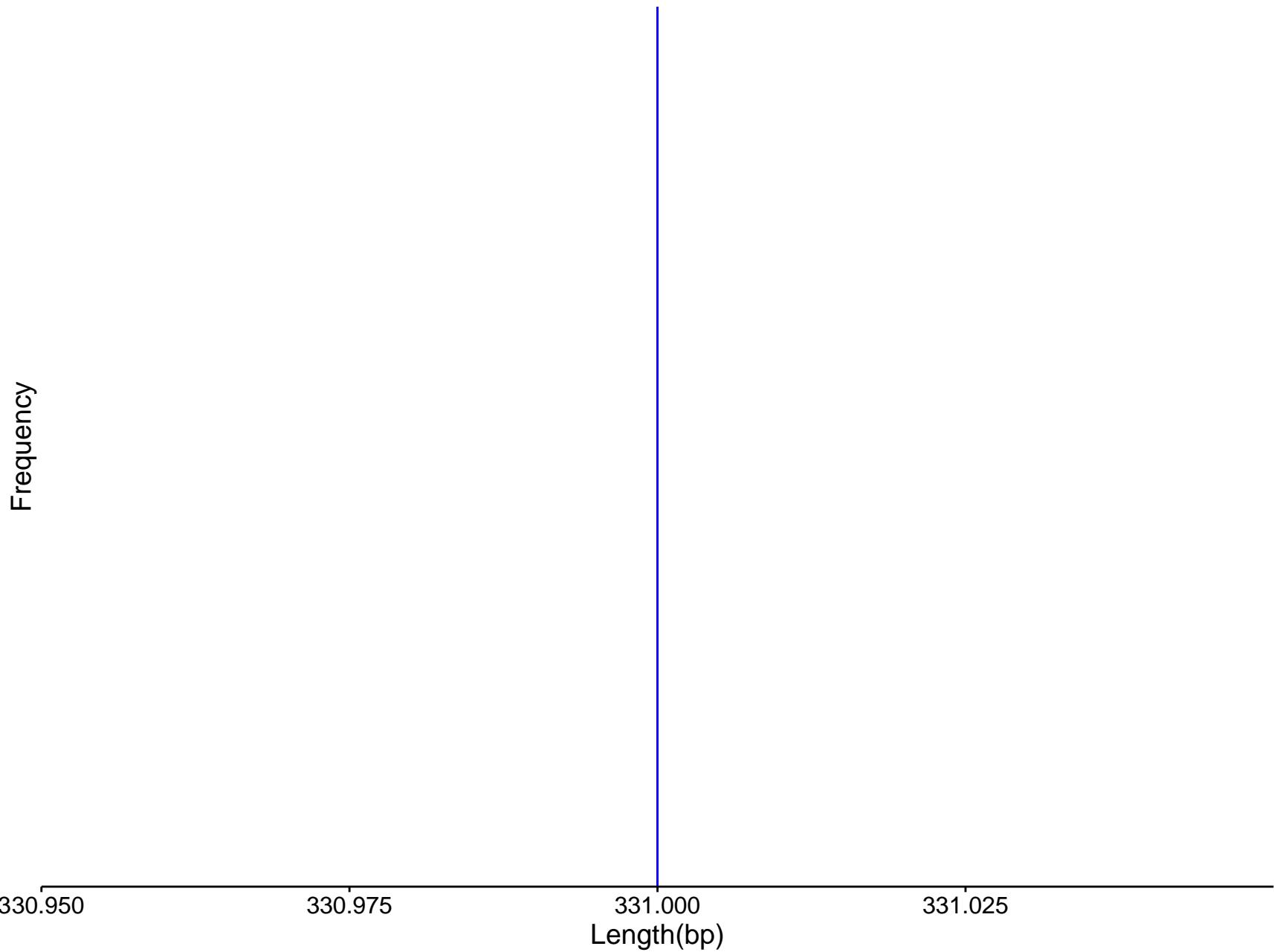
Length(bp)



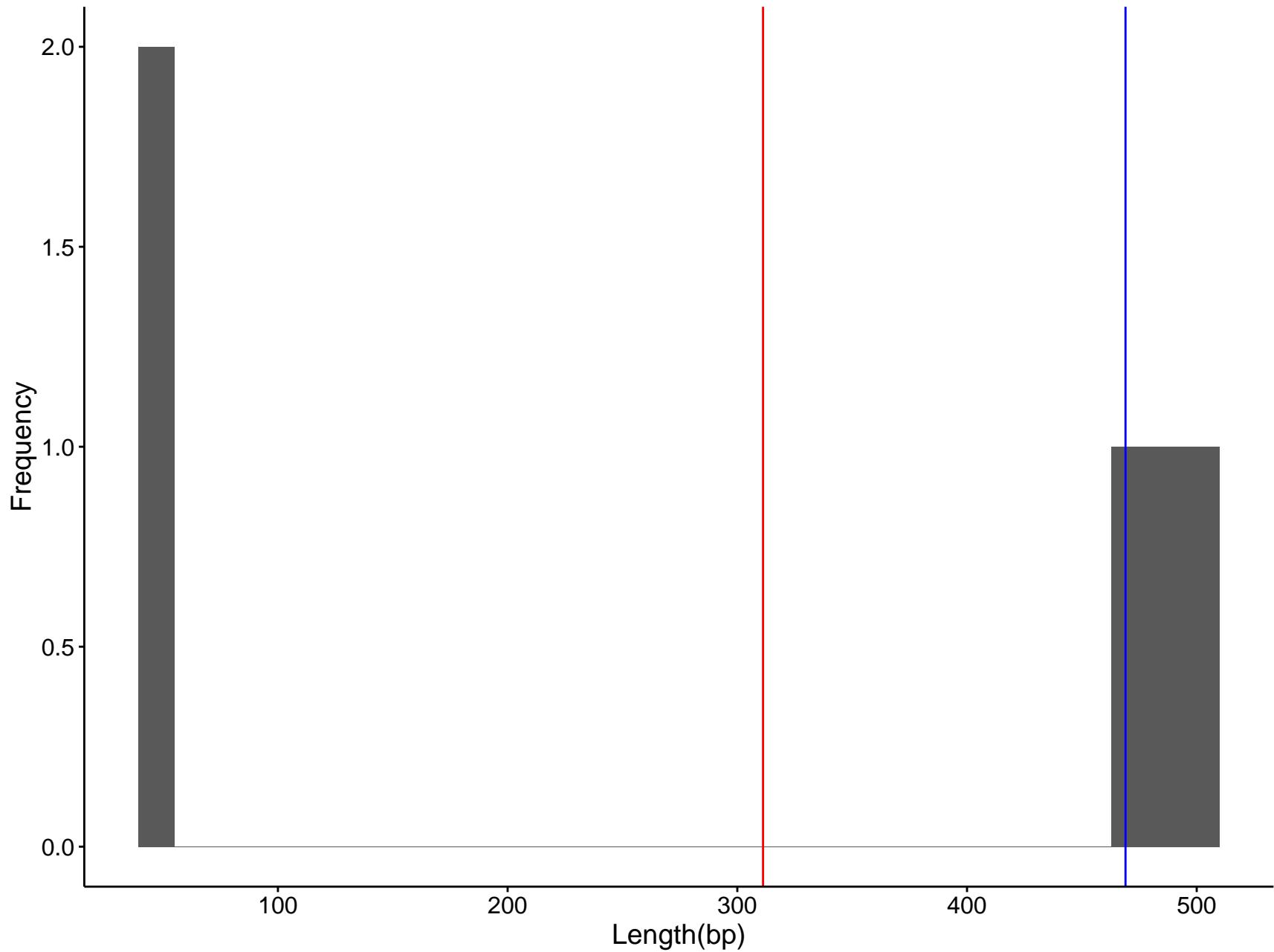
Cluster873



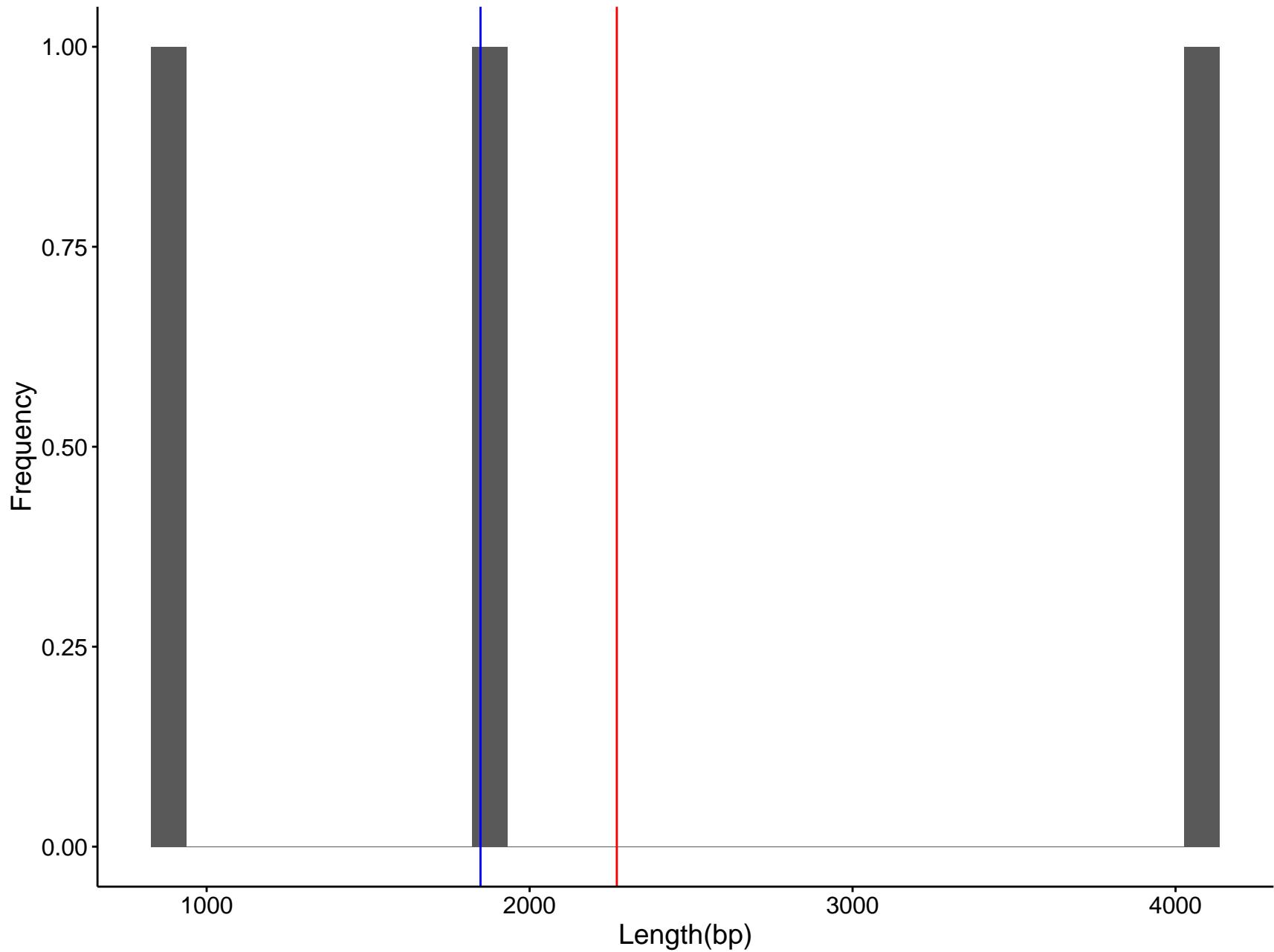
Cluster874



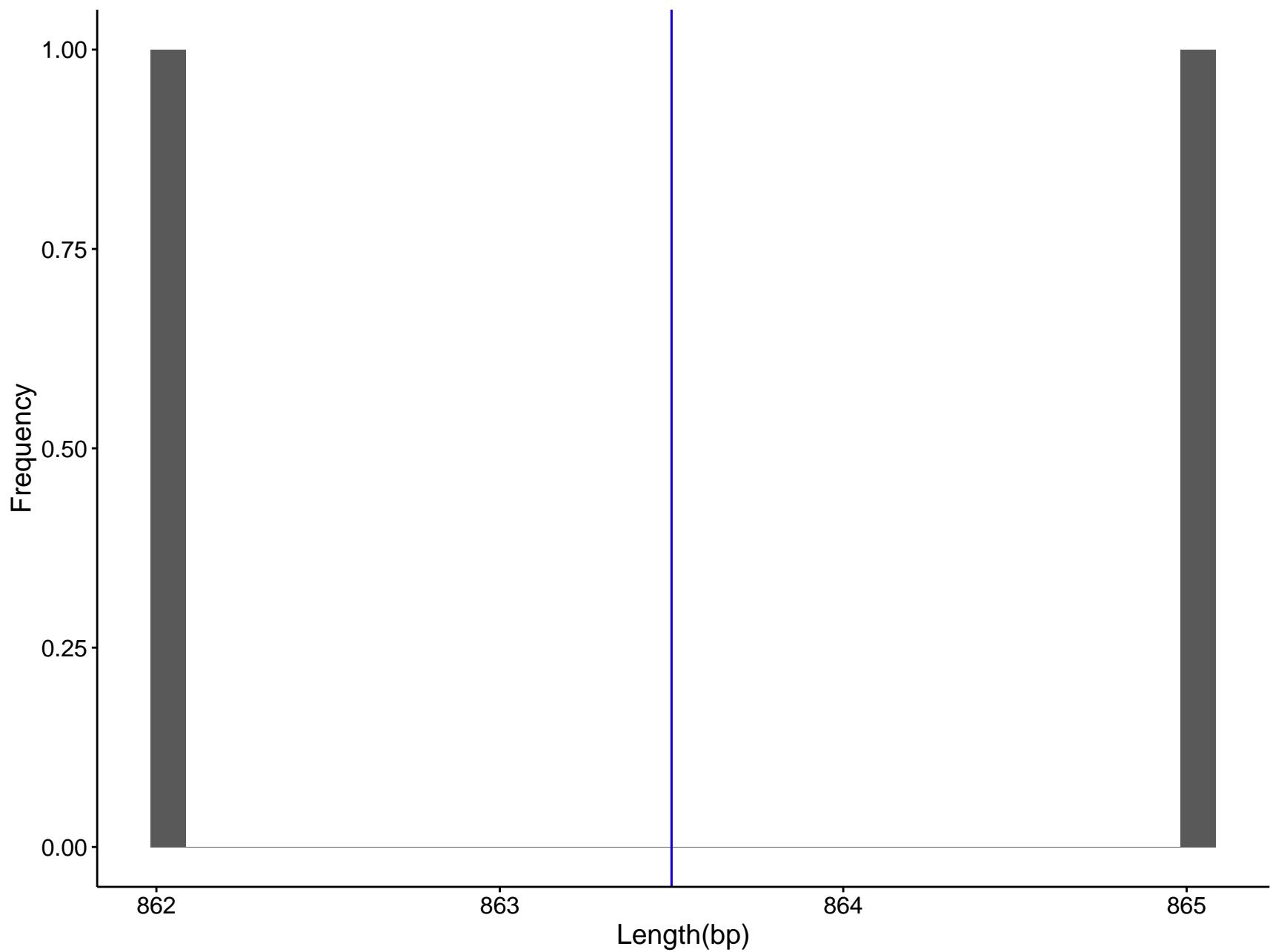
Cluster875



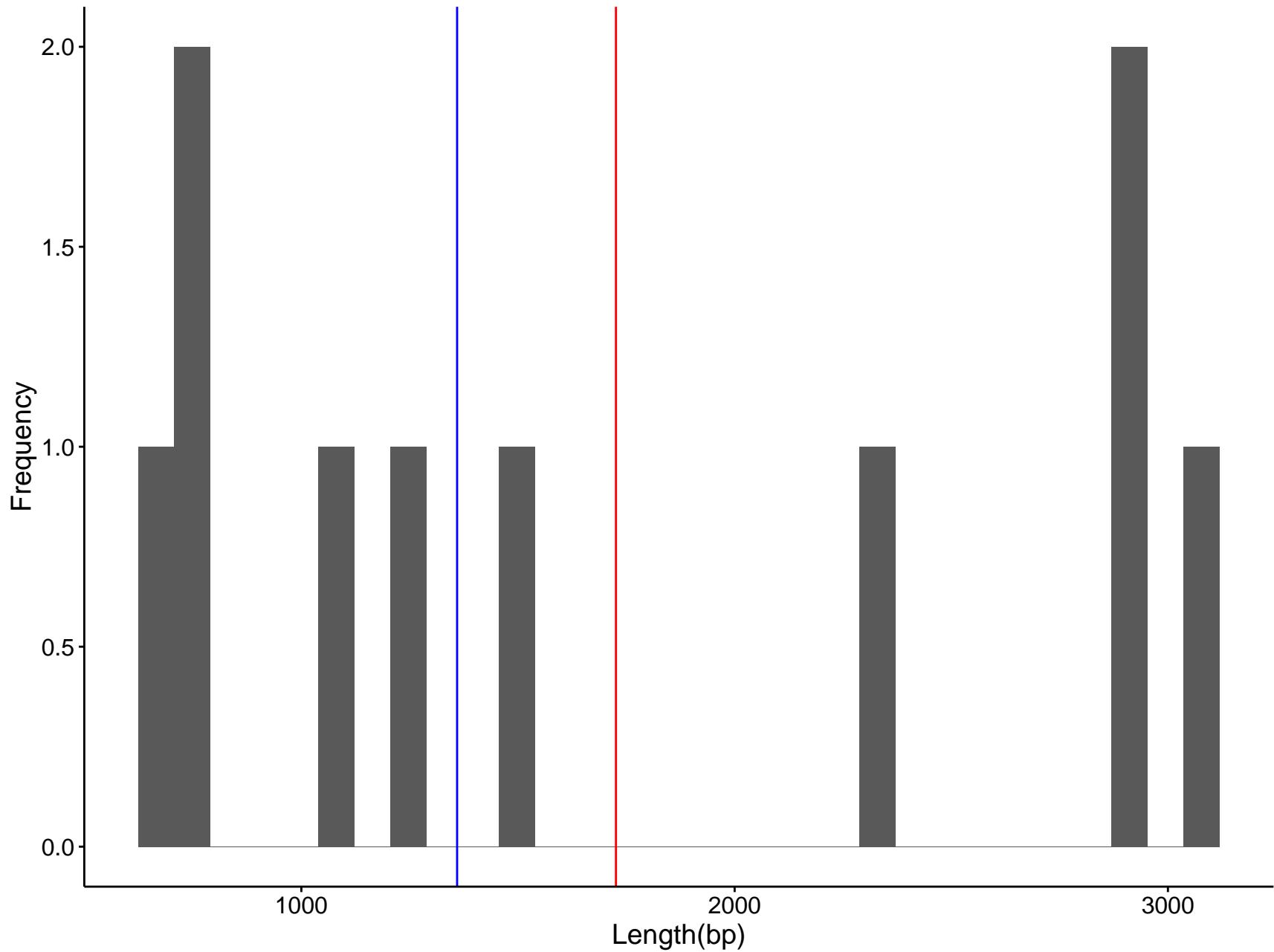
Cluster876



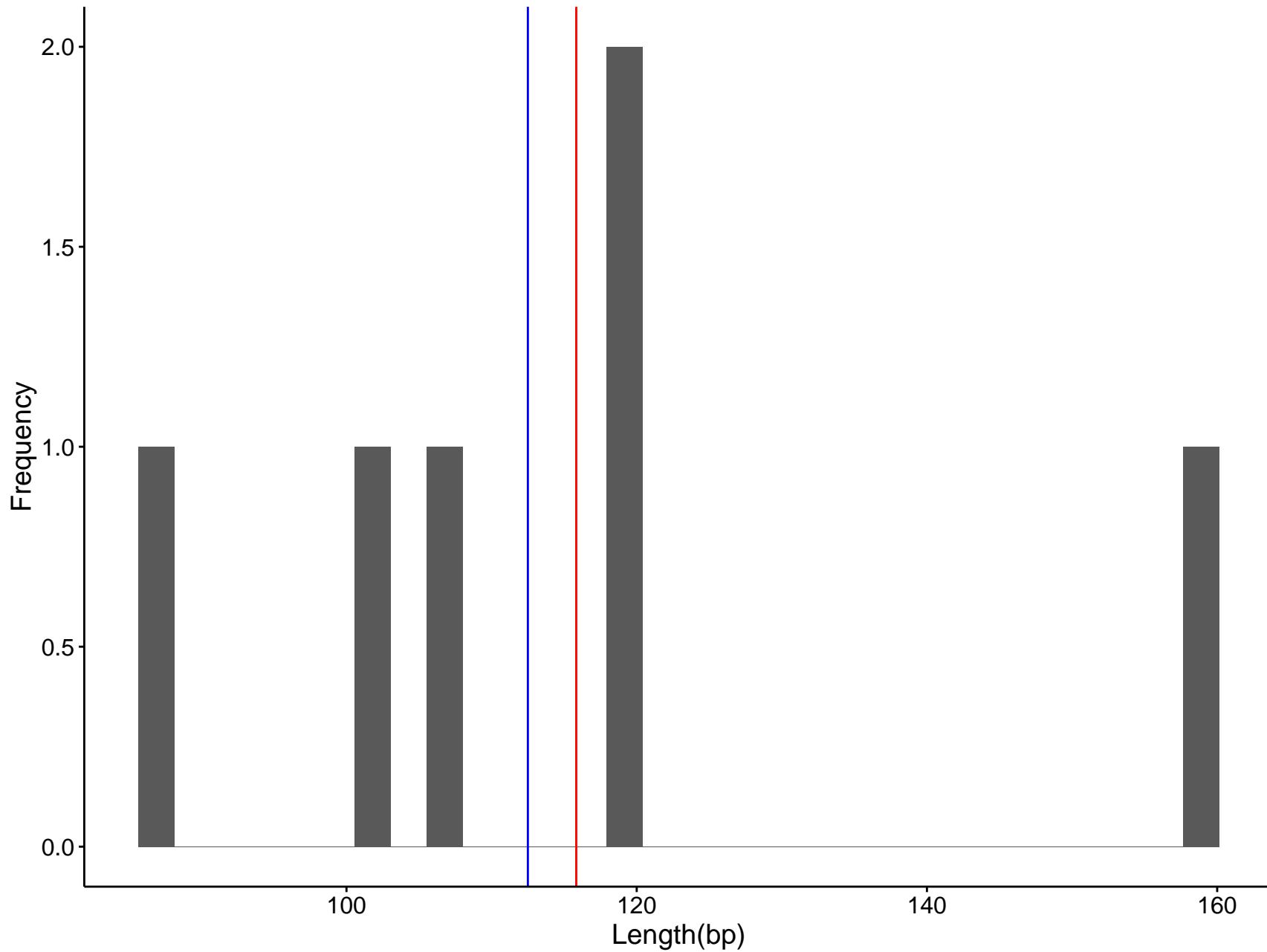
Cluster879



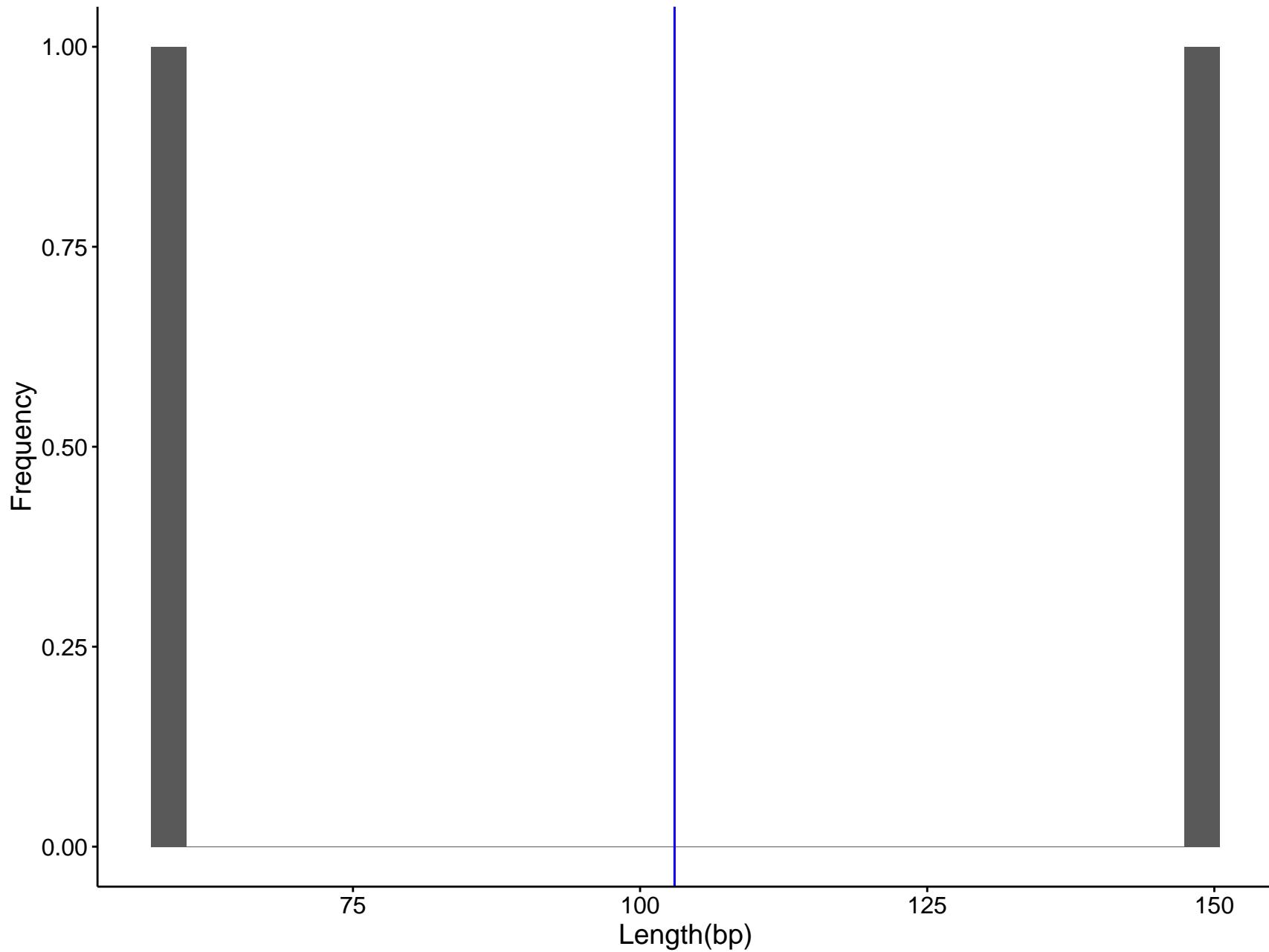
Cluster87



Cluster881



Cluster884



Cluster886

Frequency

387.950

387.975

388.000

388.025

Length(bp)



Cluster888

Frequency

377.950

377.975

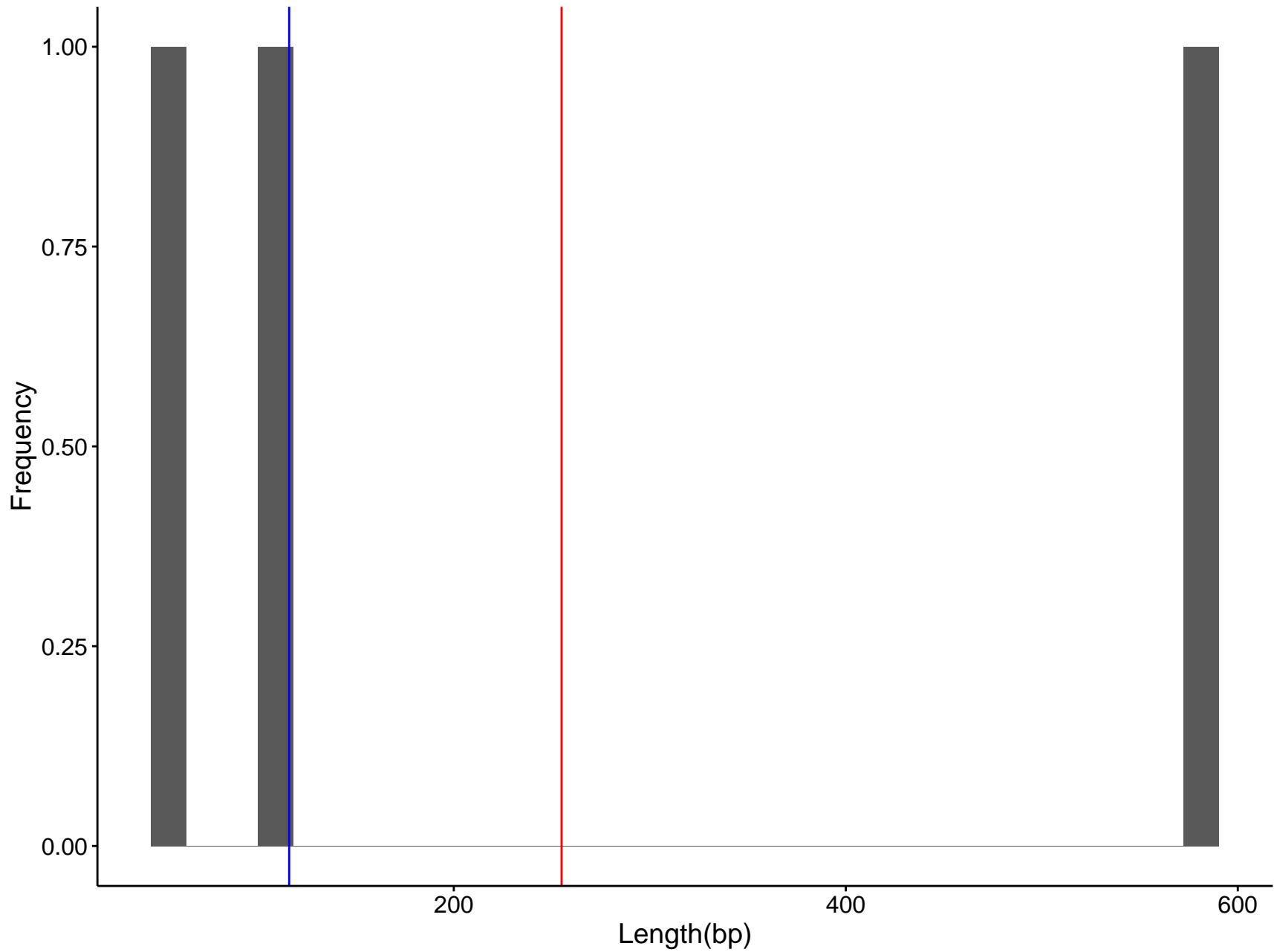
378.000

378.025

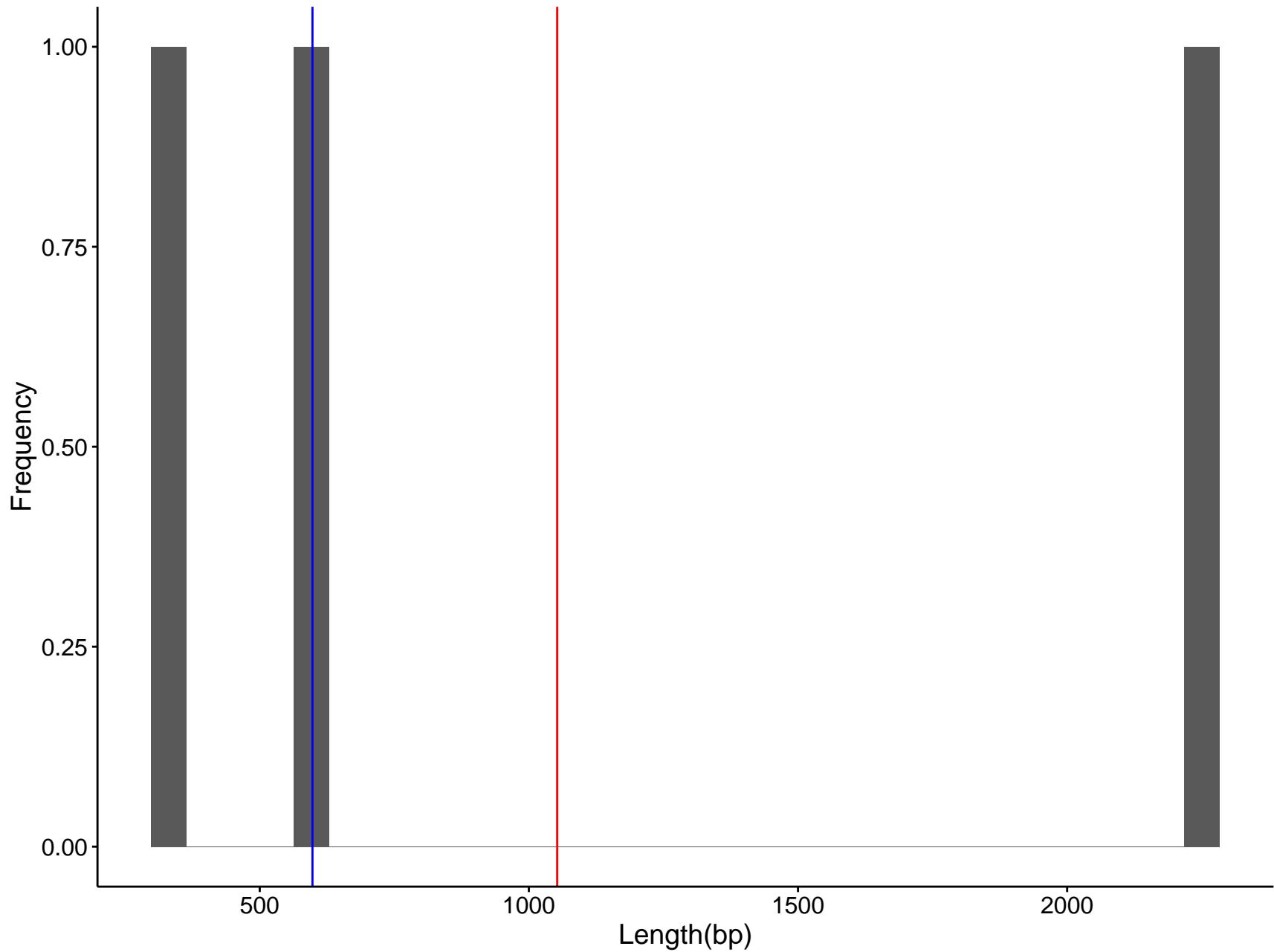
Length(bp)



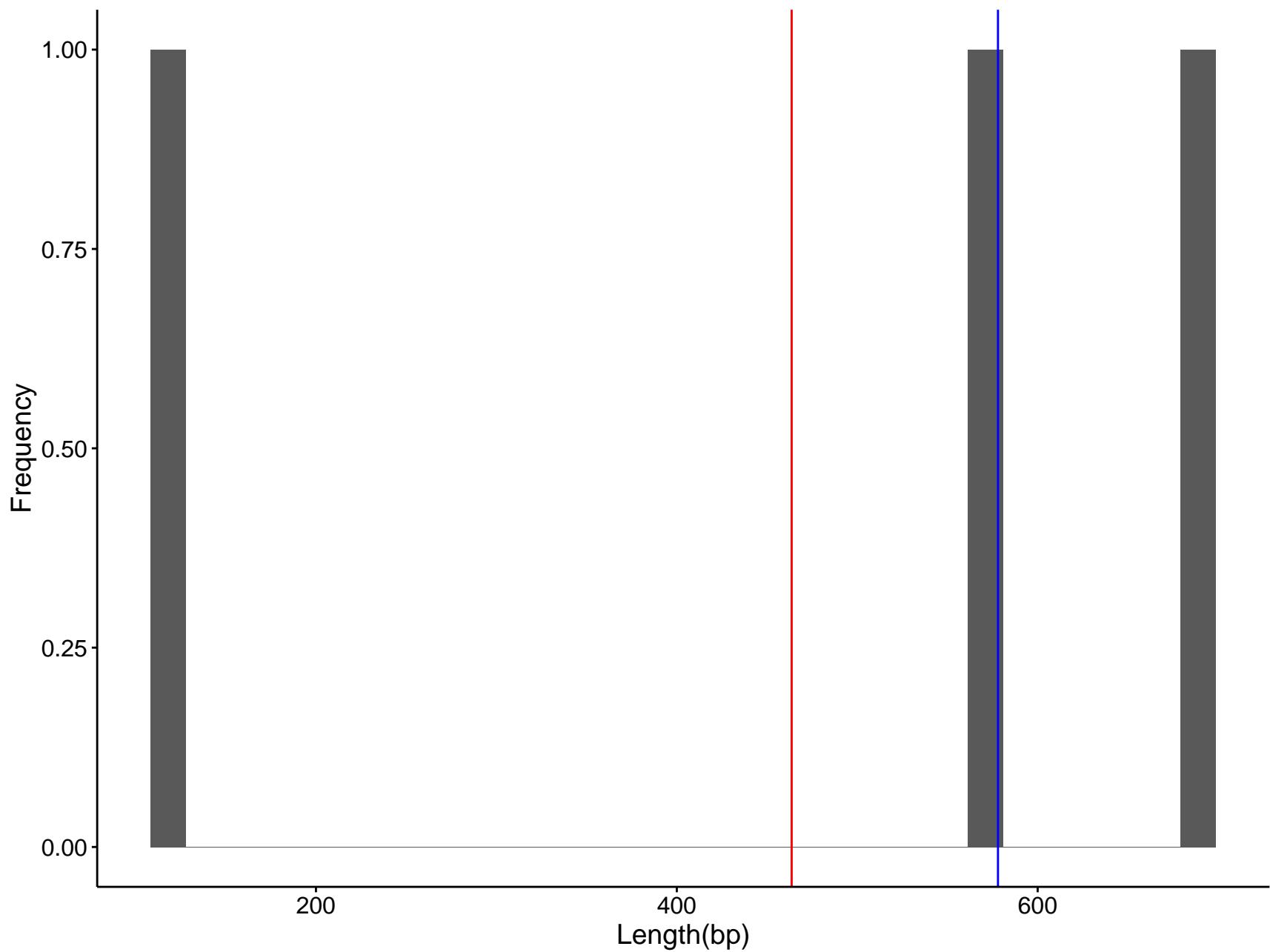
Cluster889



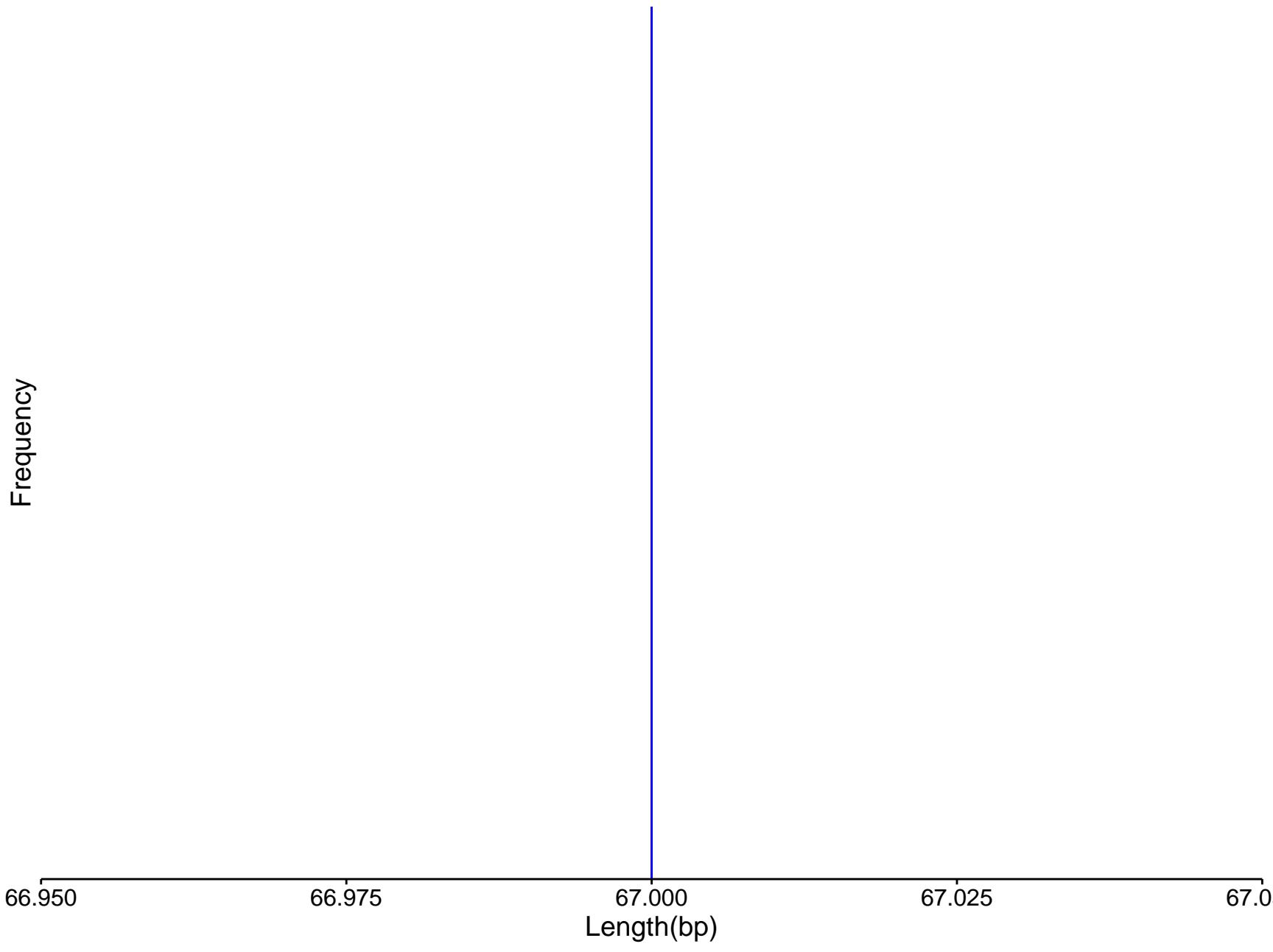
Cluster891



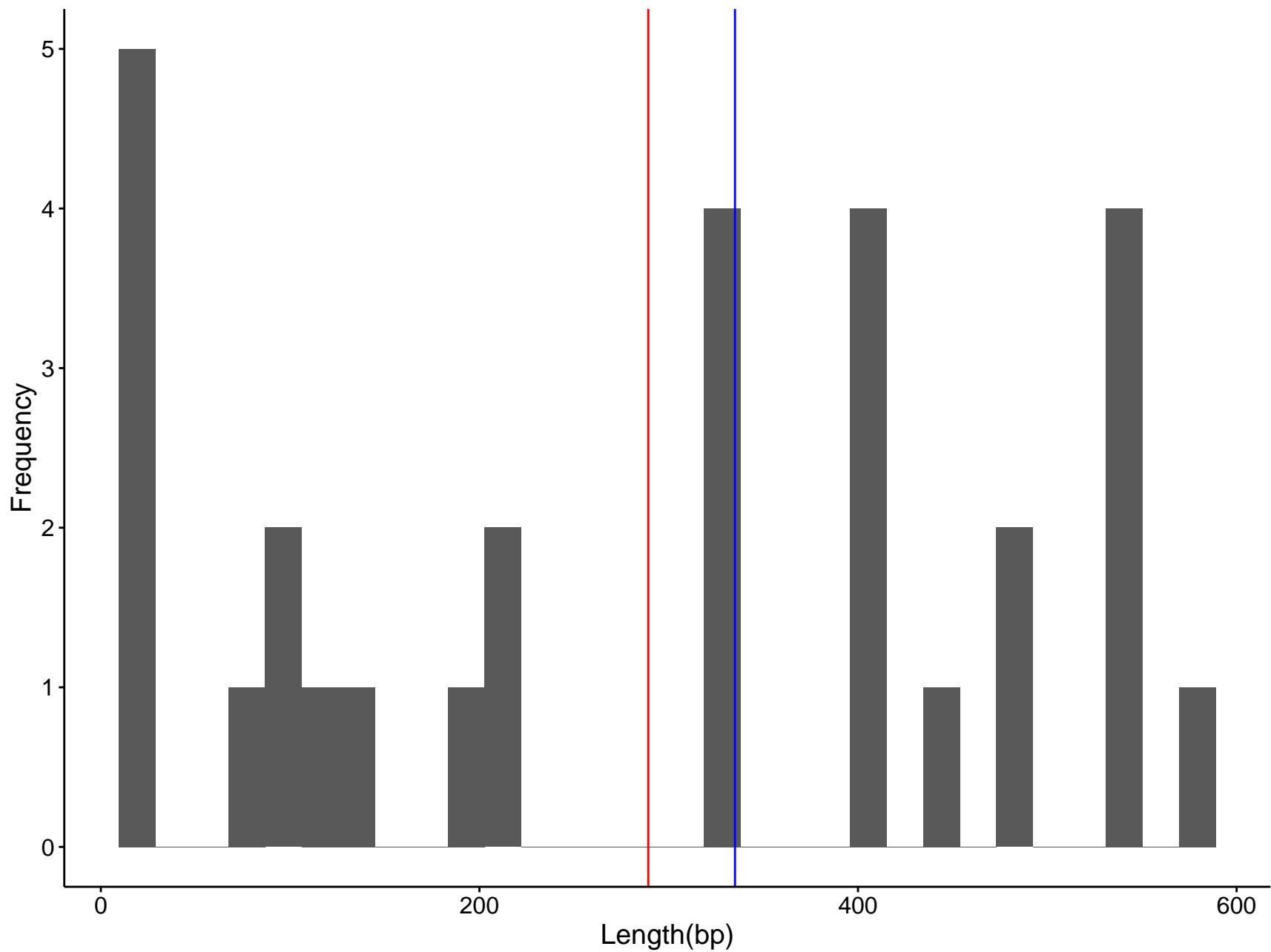
Cluster892



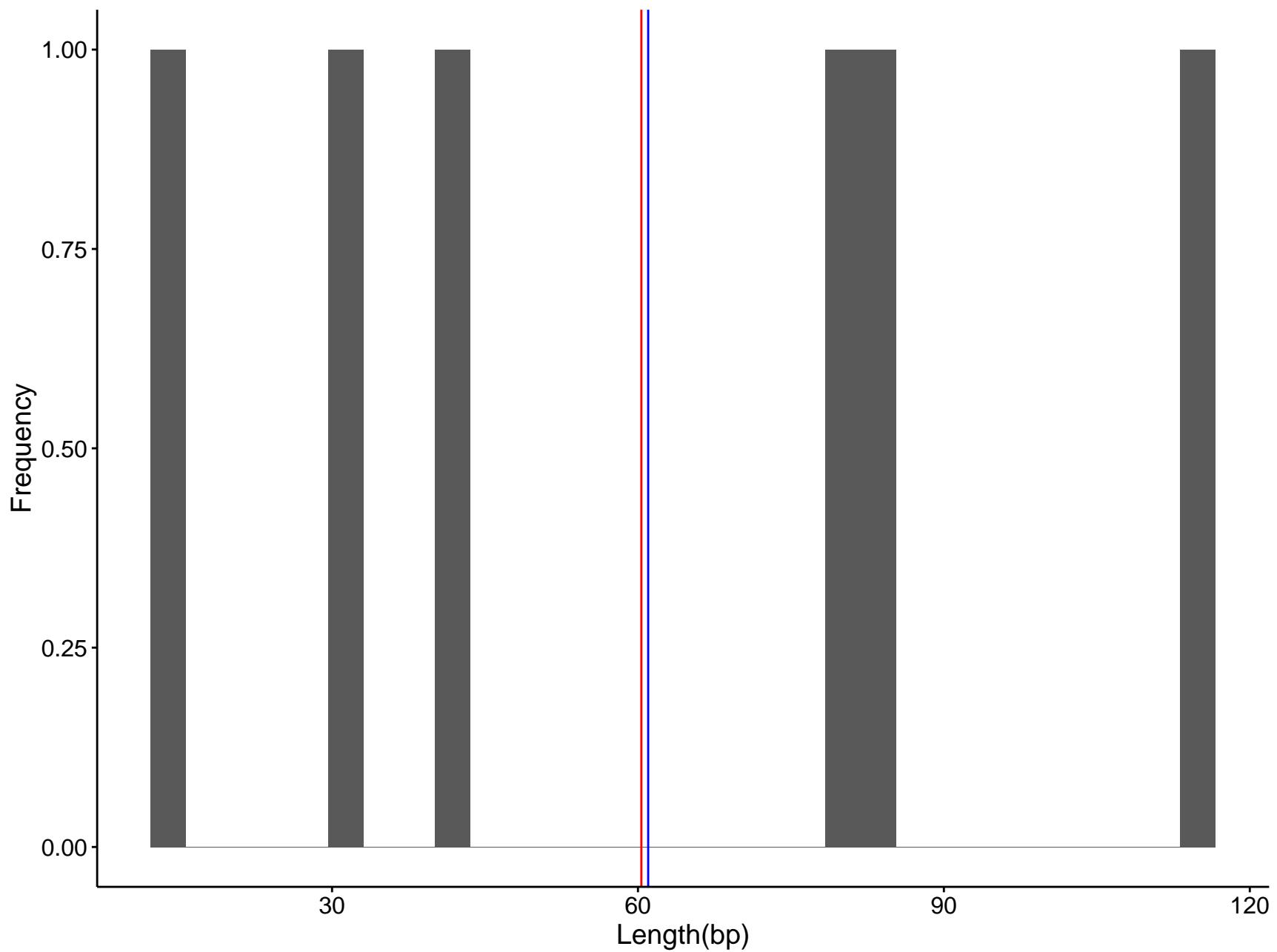
Cluster894



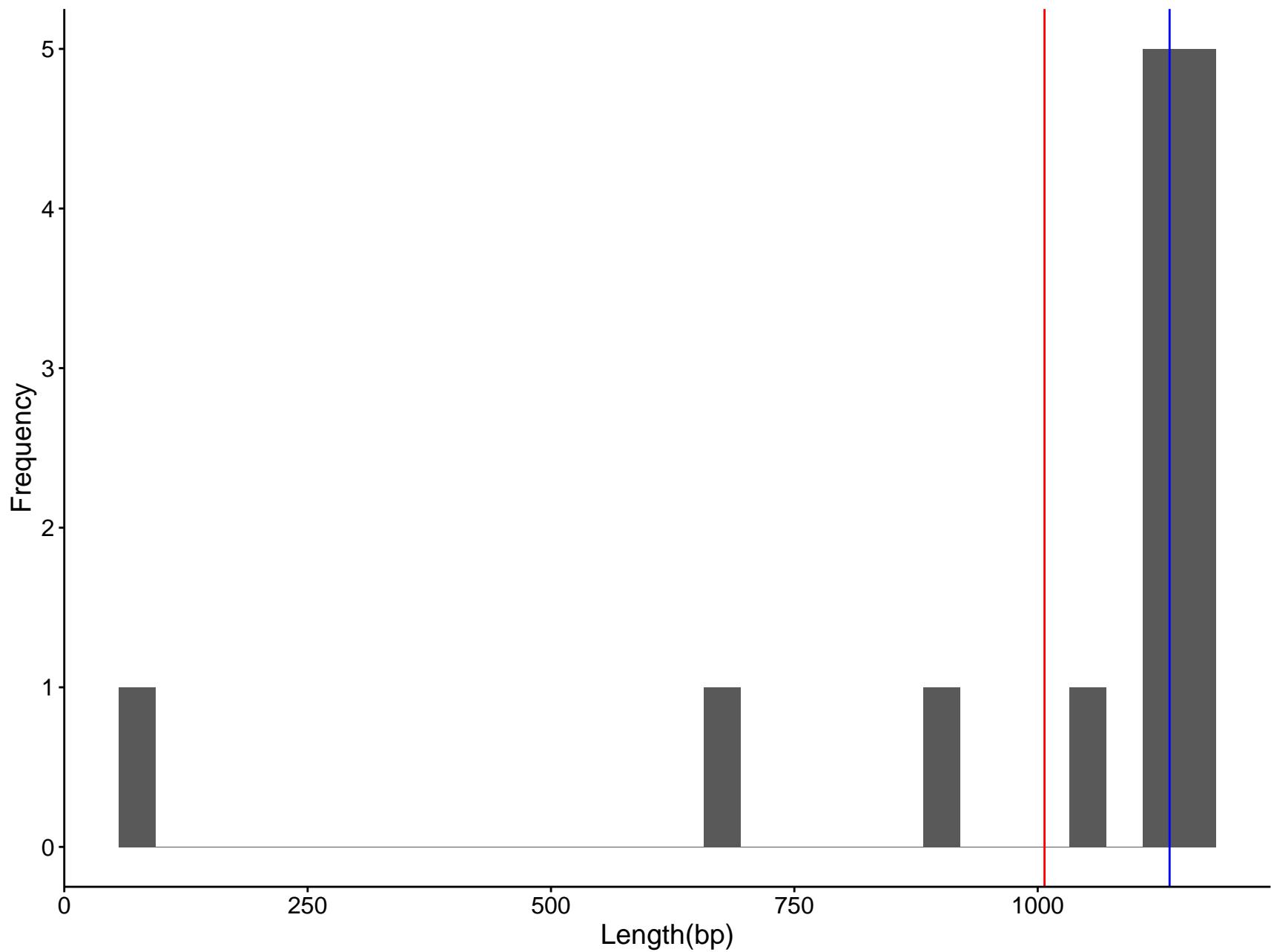
Cluster896



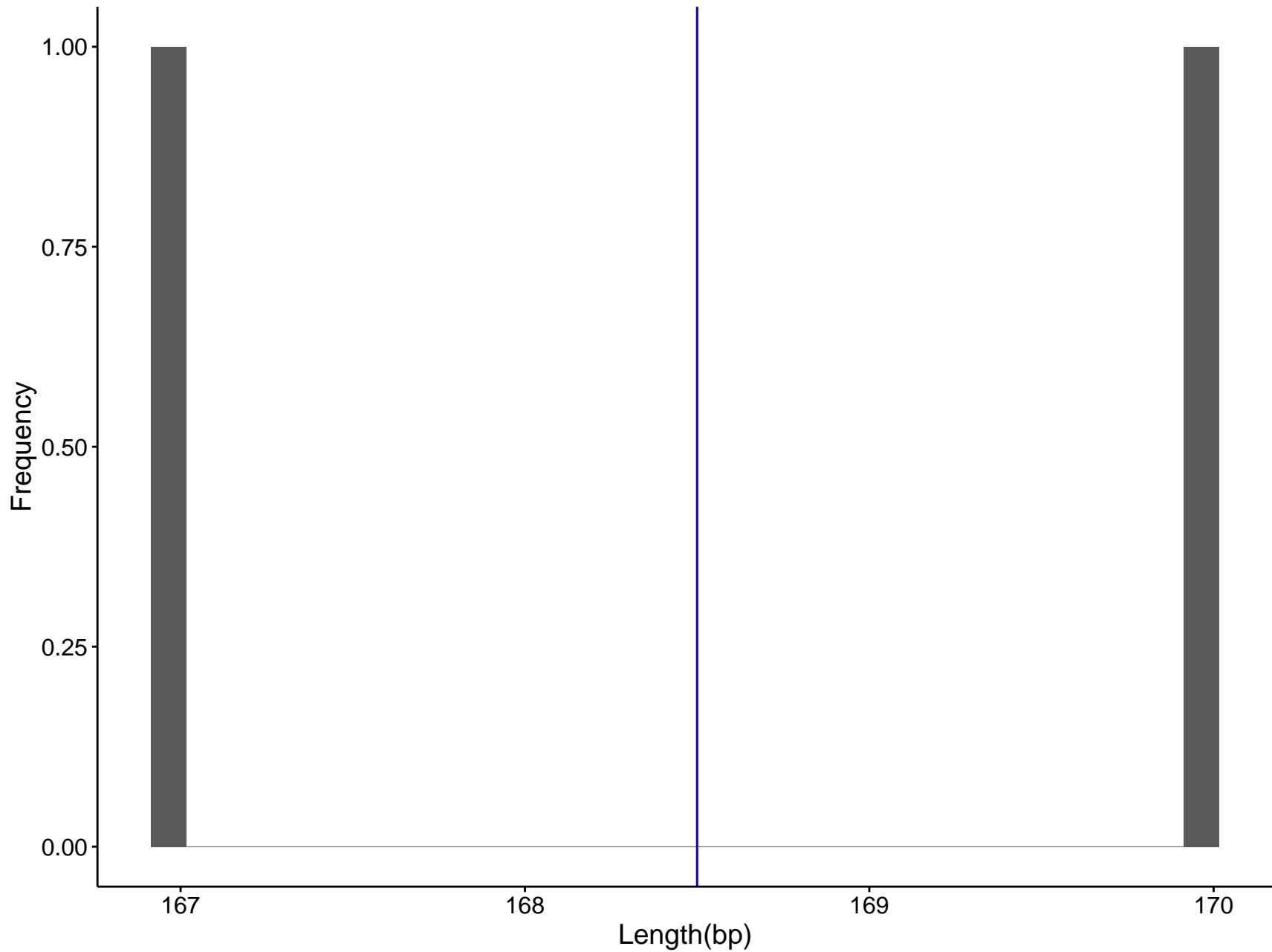
Cluster898



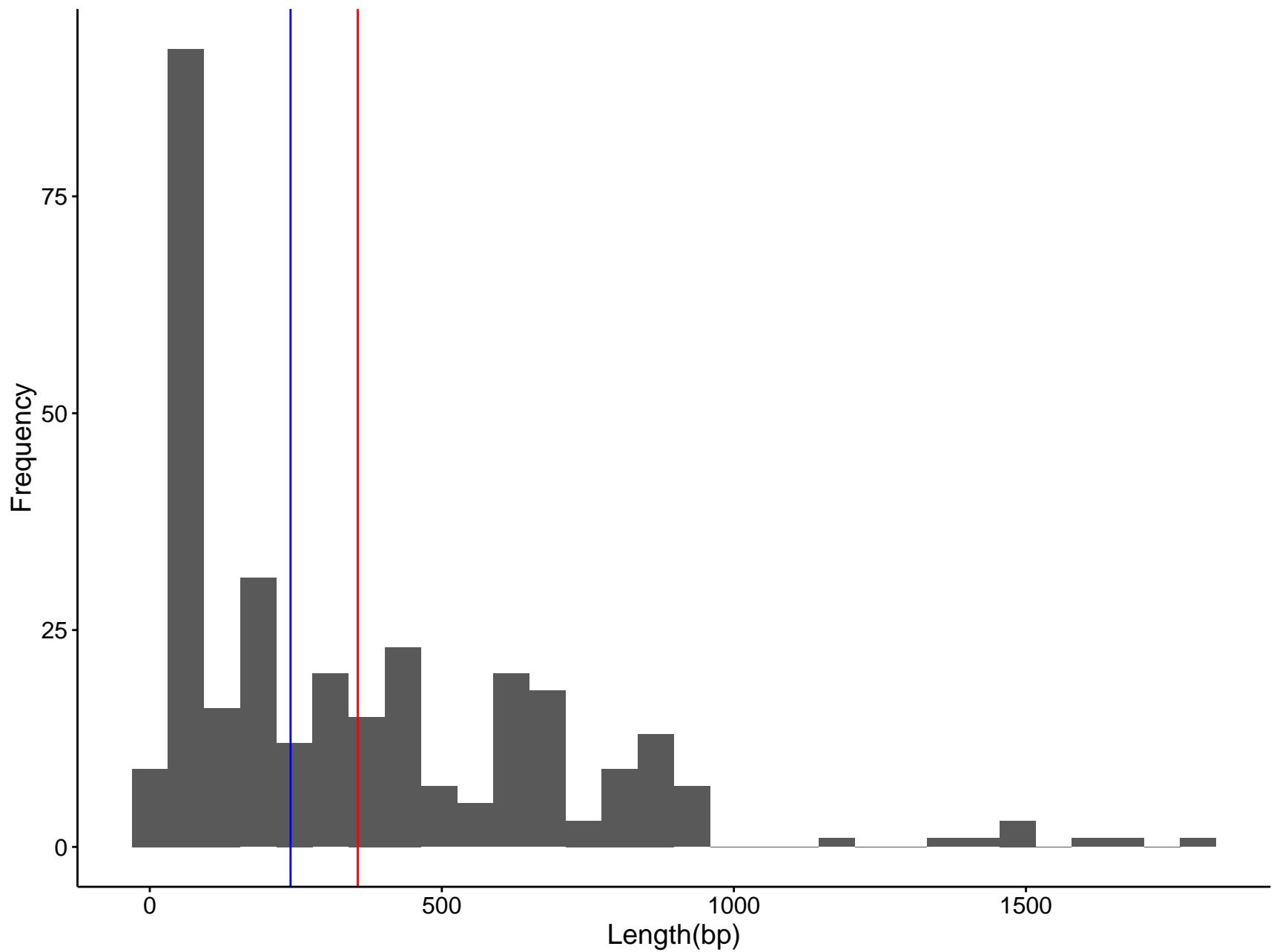
Cluster899



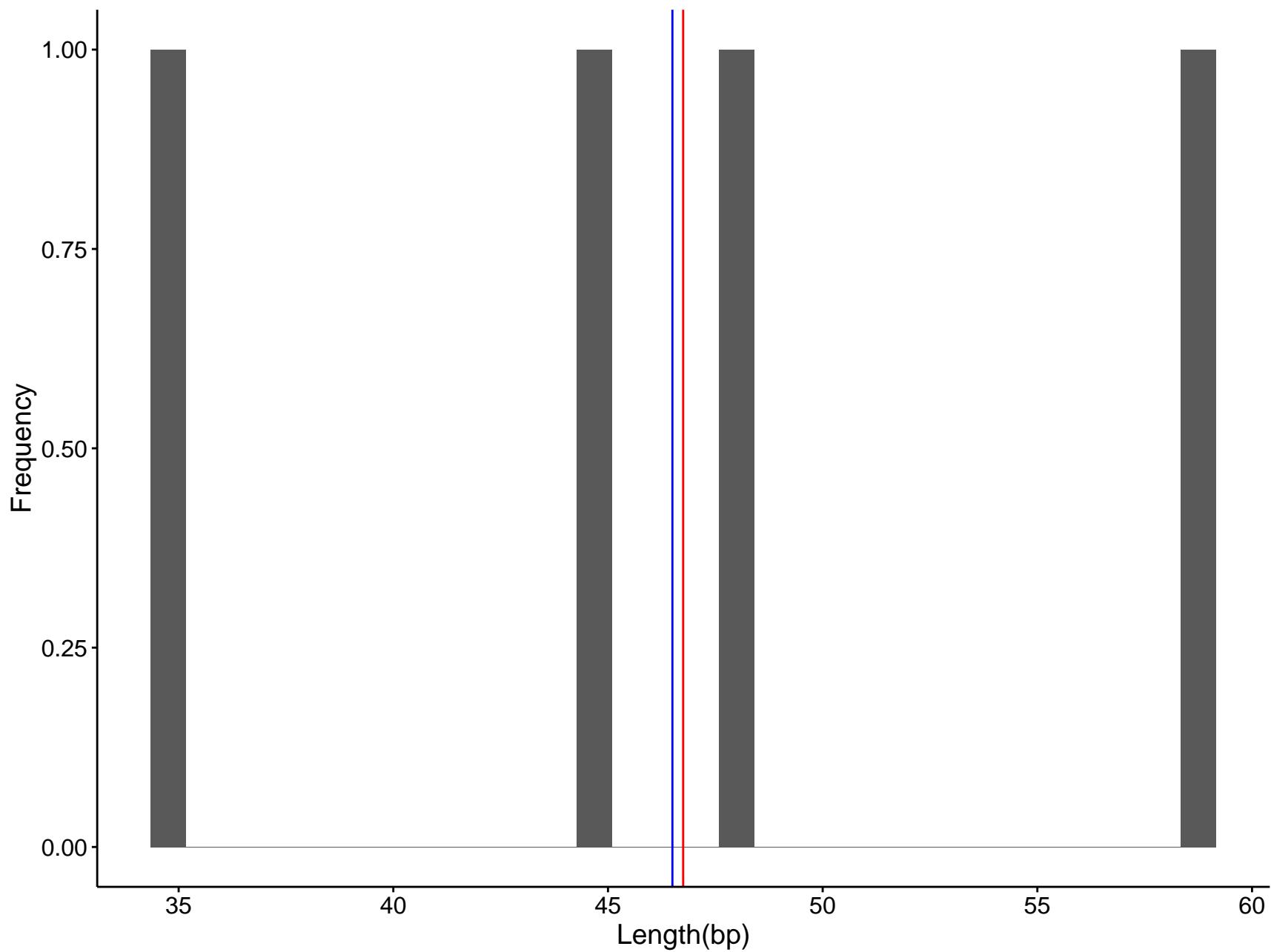
Cluster89

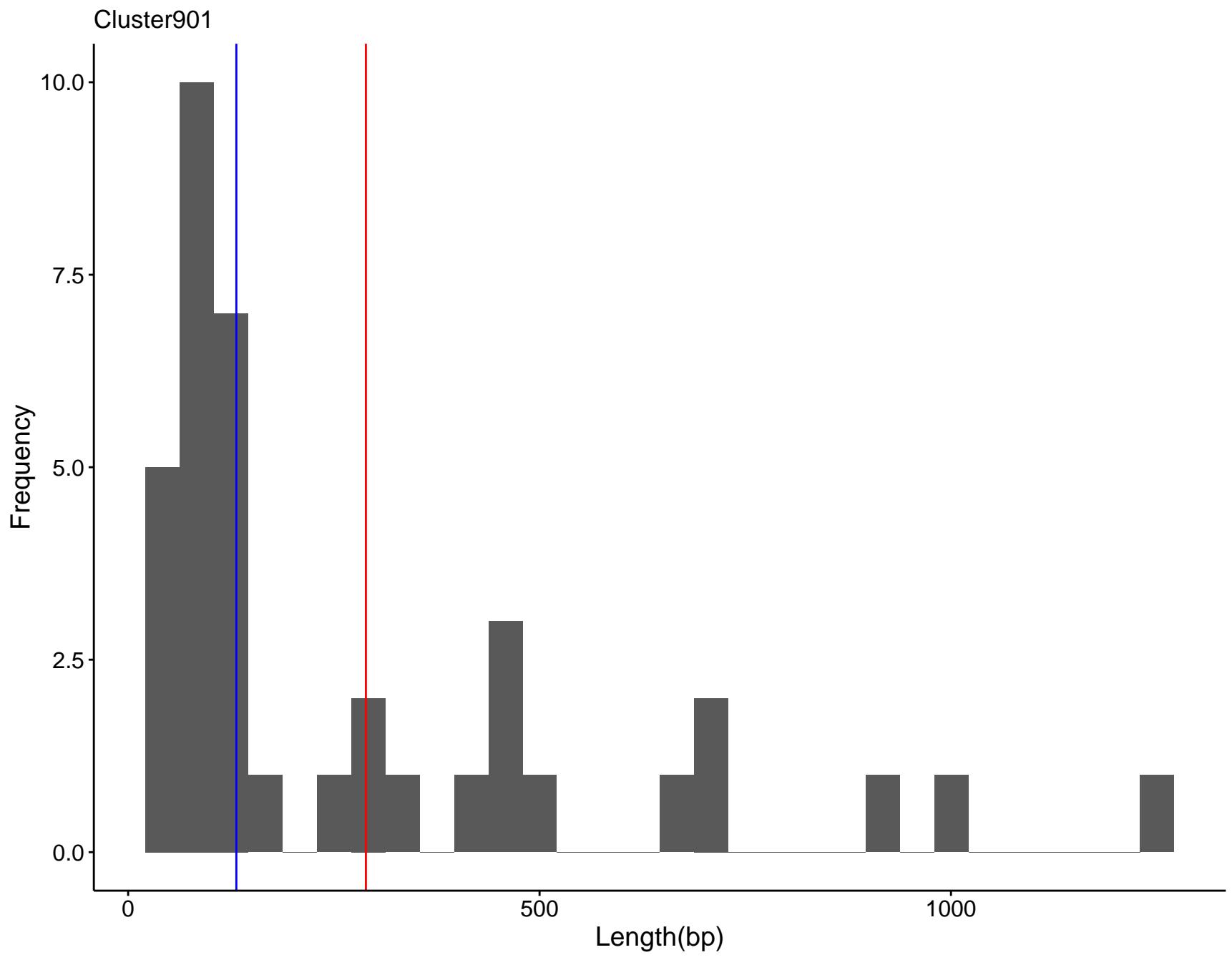


Cluster8

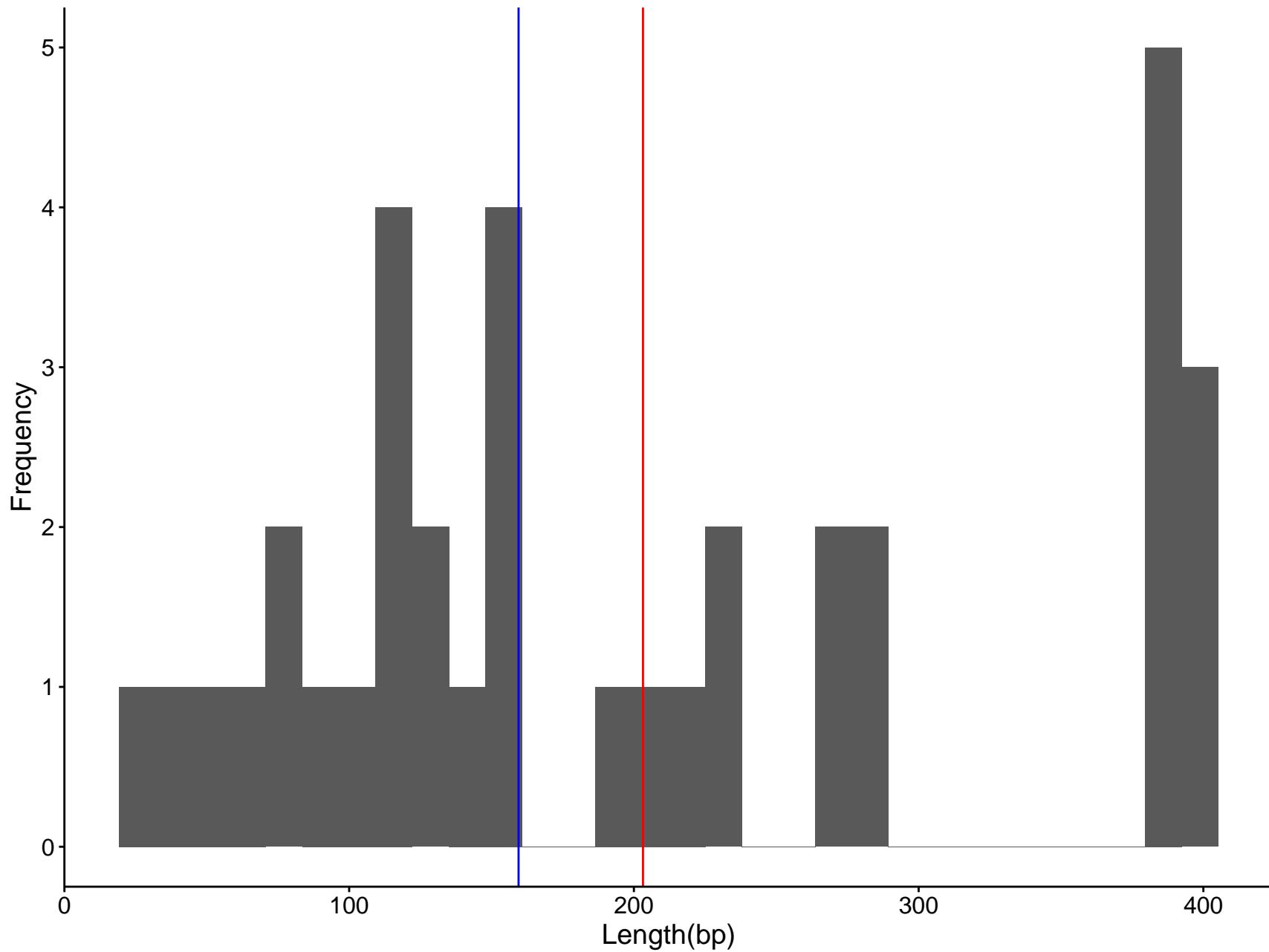


Cluster900

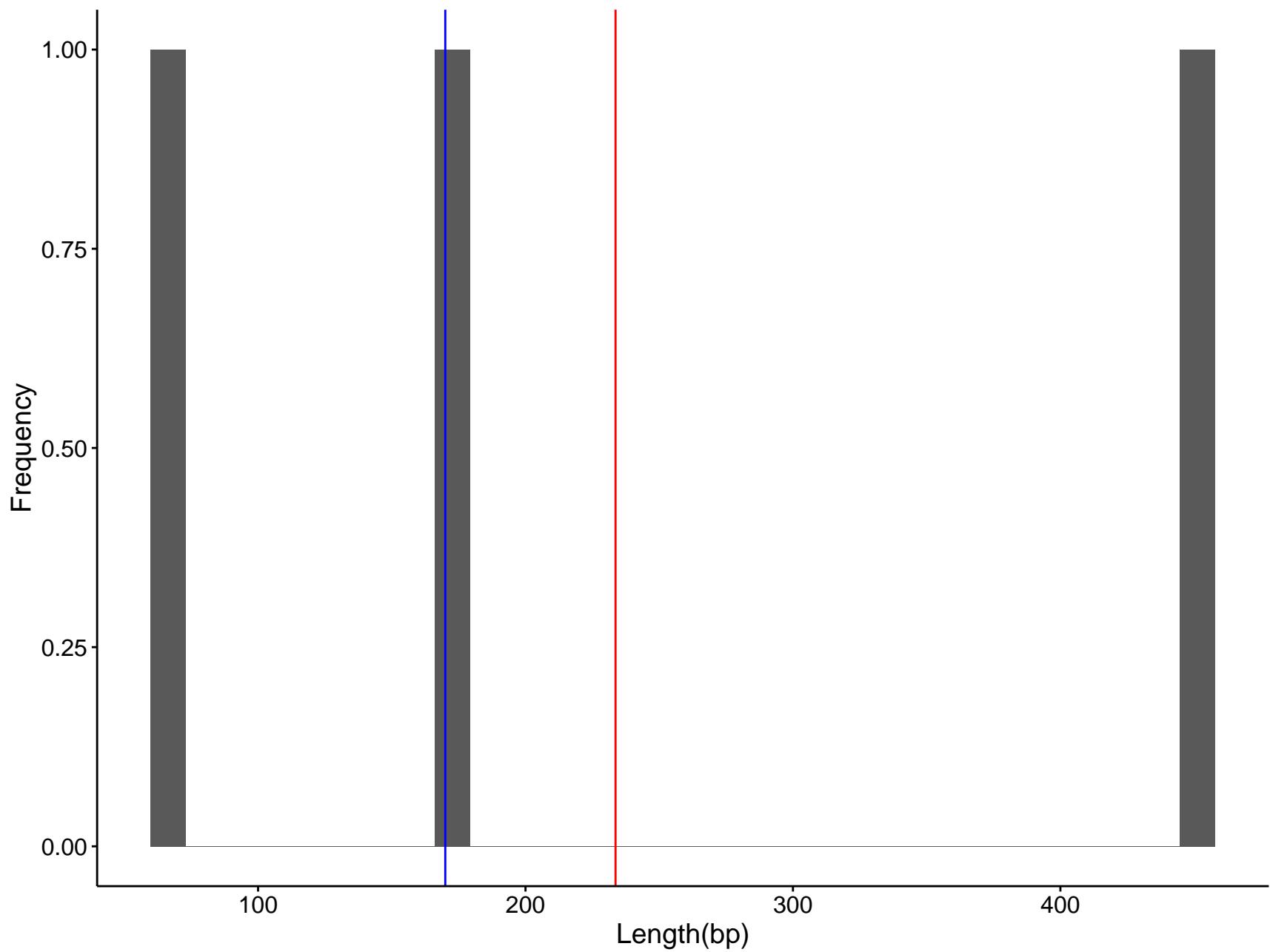




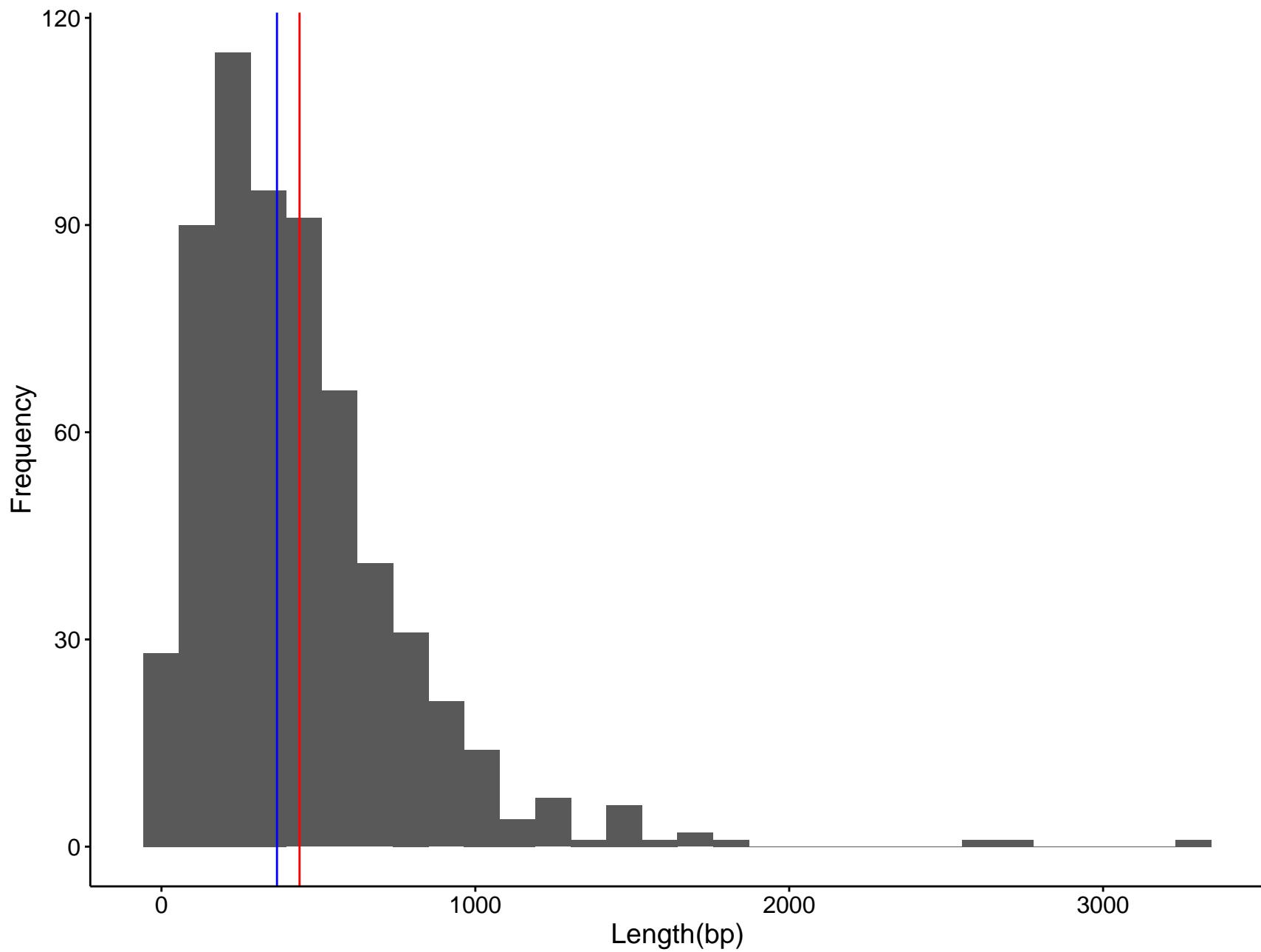
Cluster902

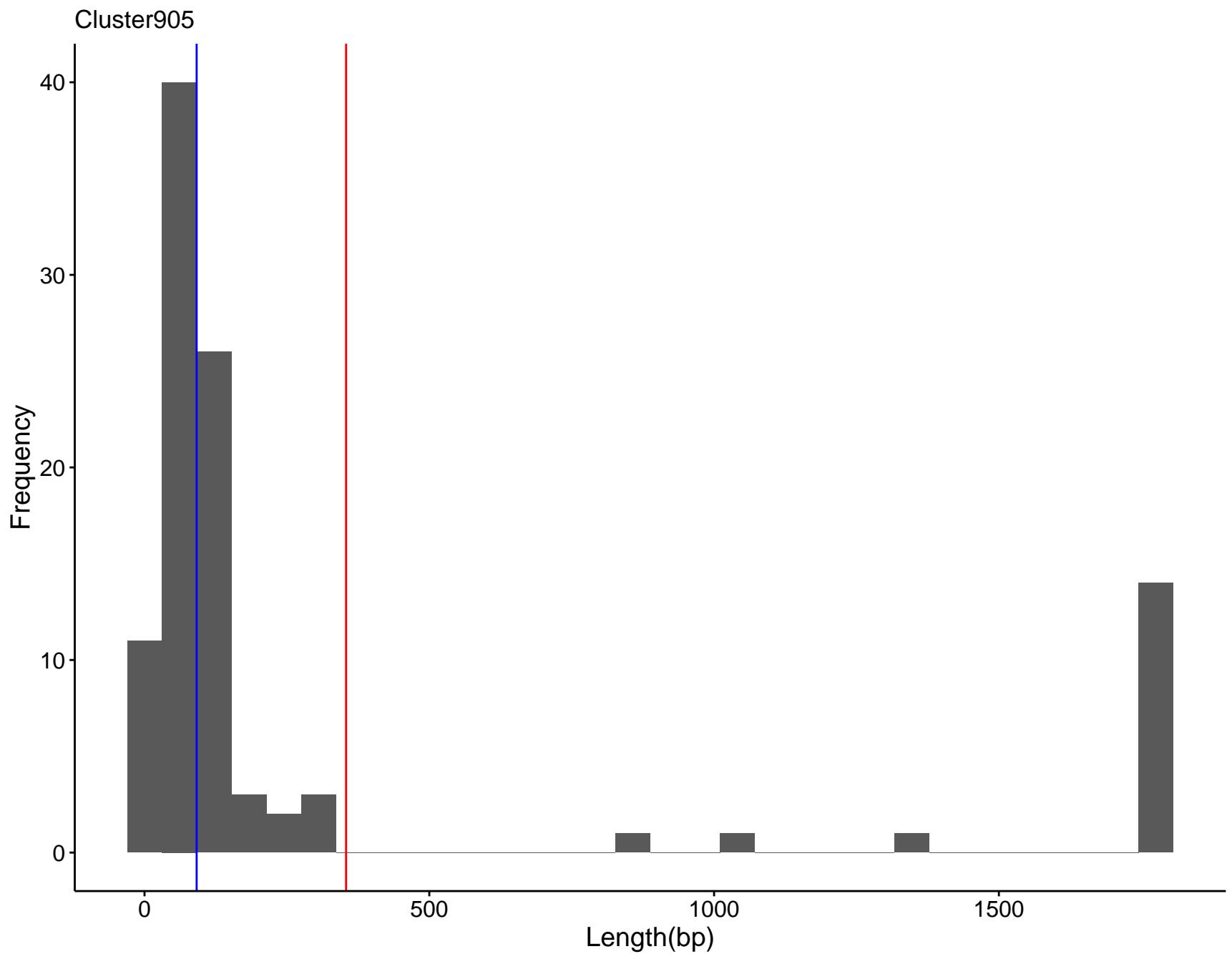


Cluster903

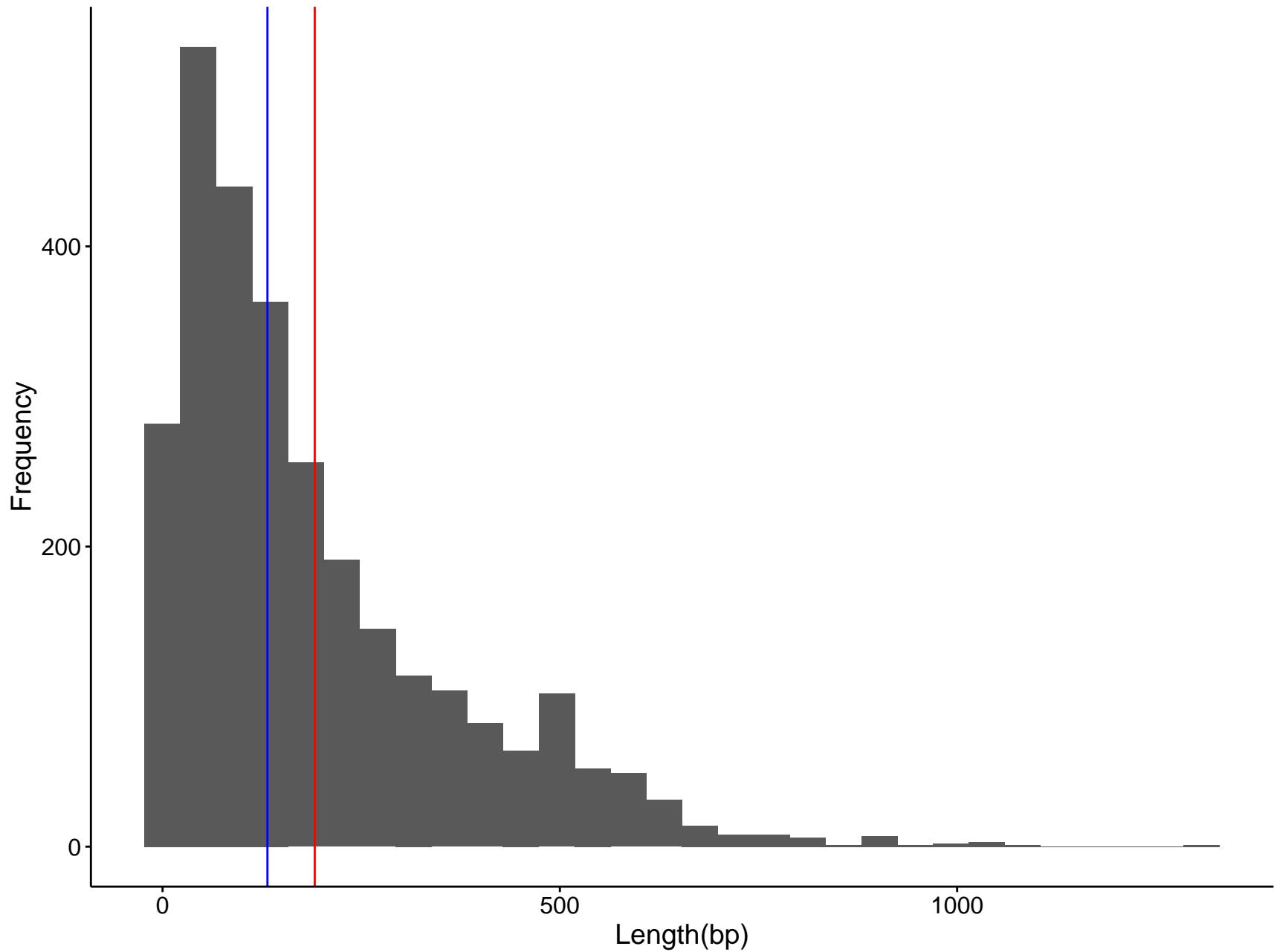


Cluster904

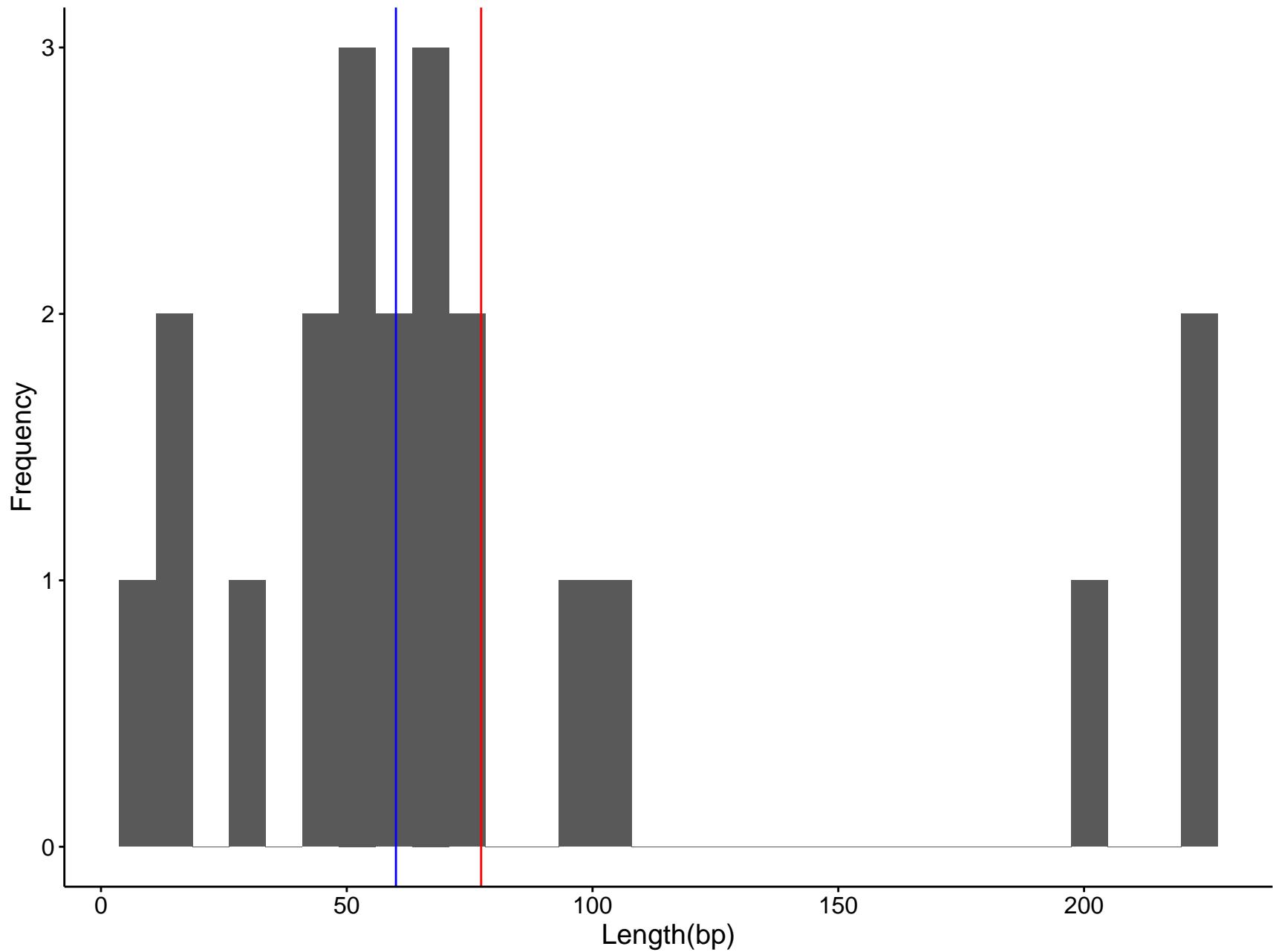




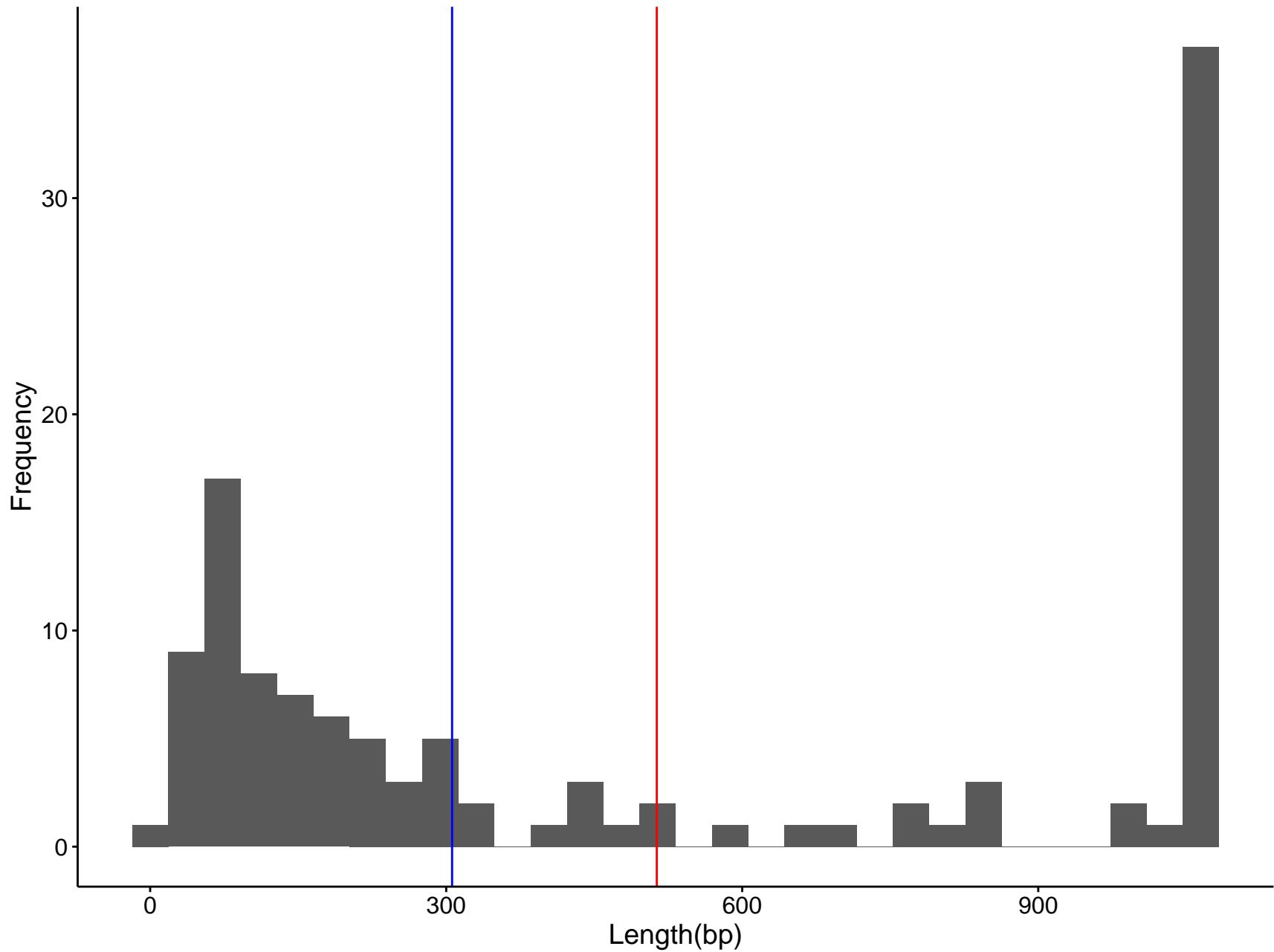
Cluster906

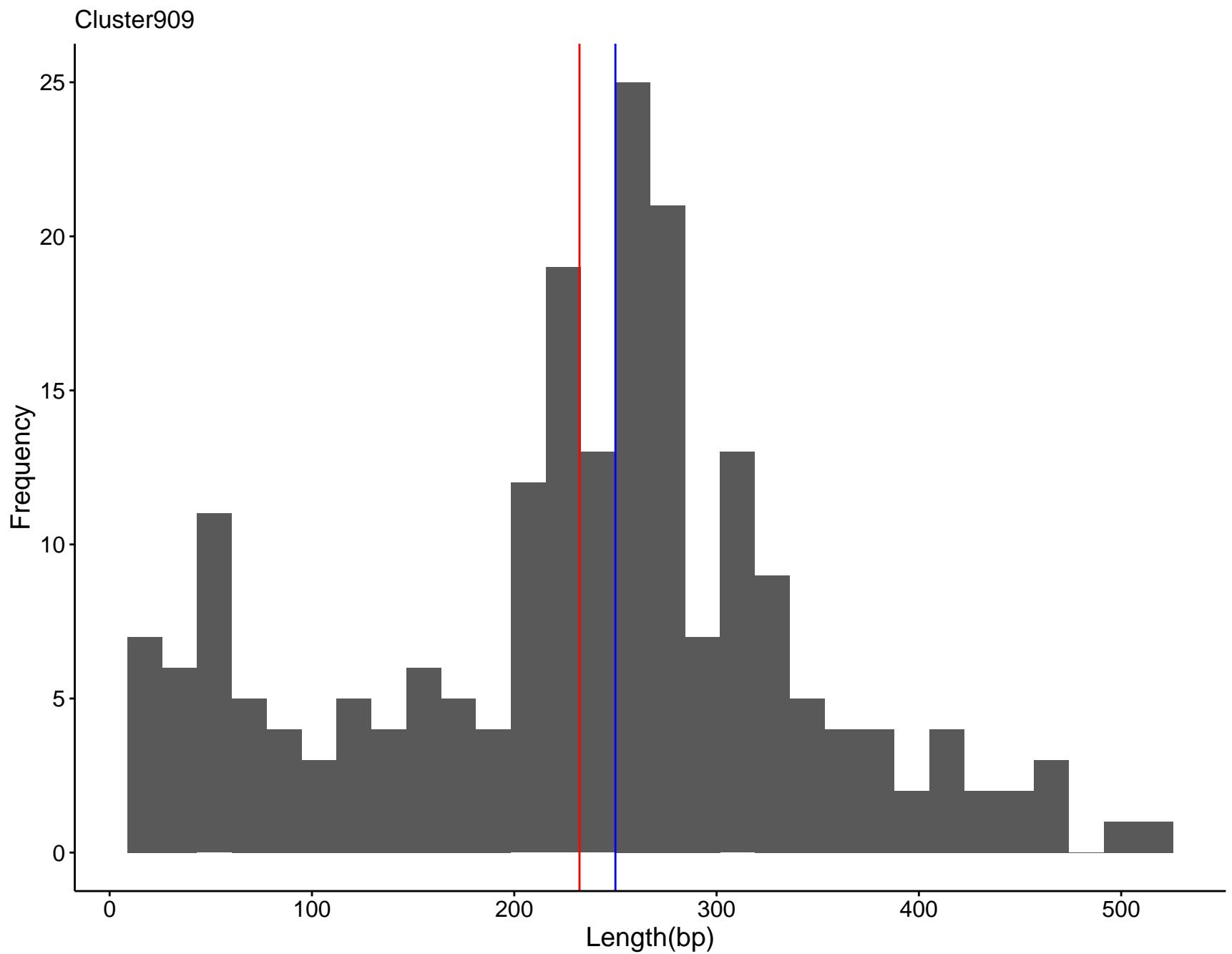


Cluster907



Cluster908





Cluster90

Frequency

356.950

356.975

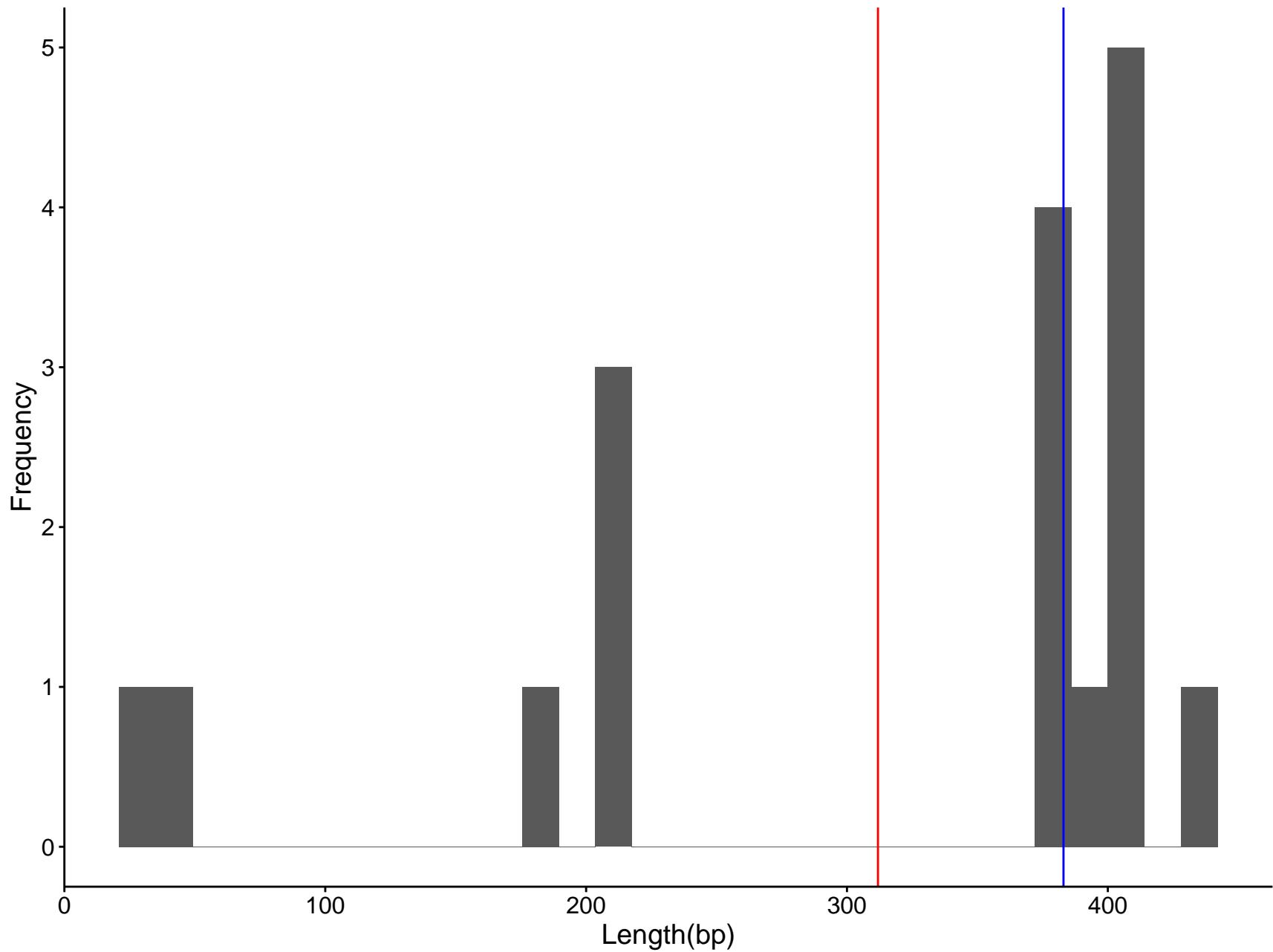
357.000

357.025

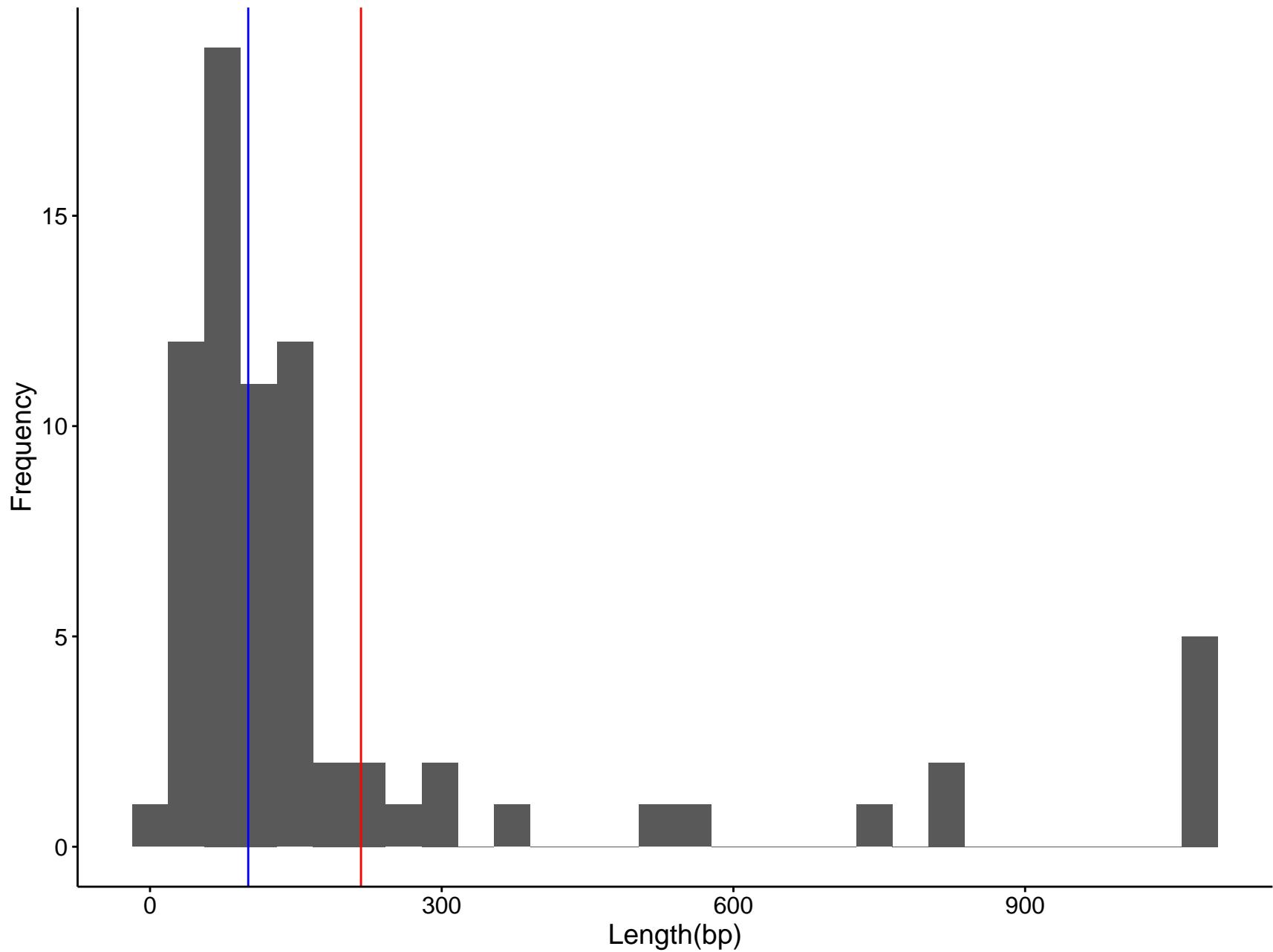
Length(bp)



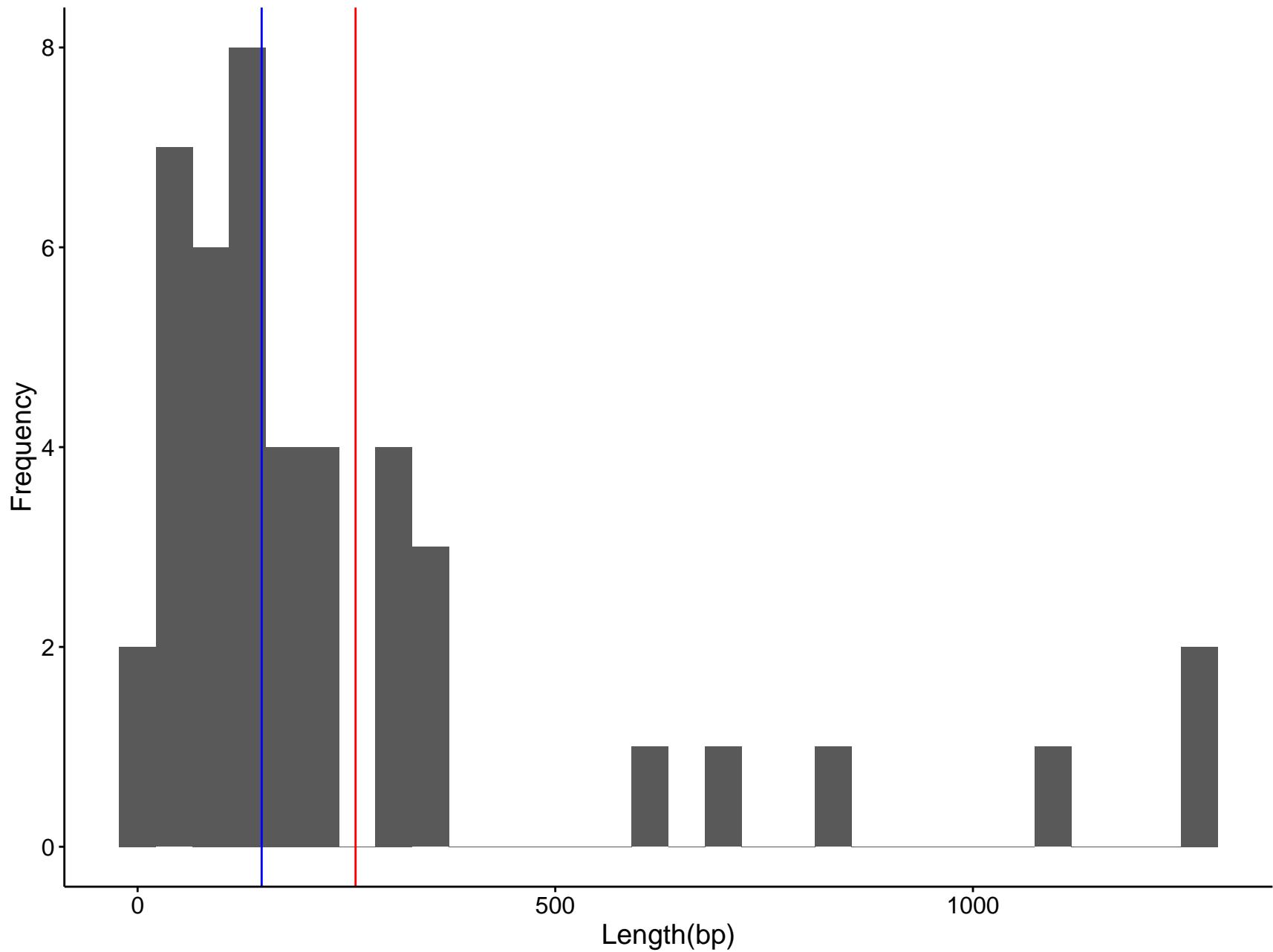
Cluster910



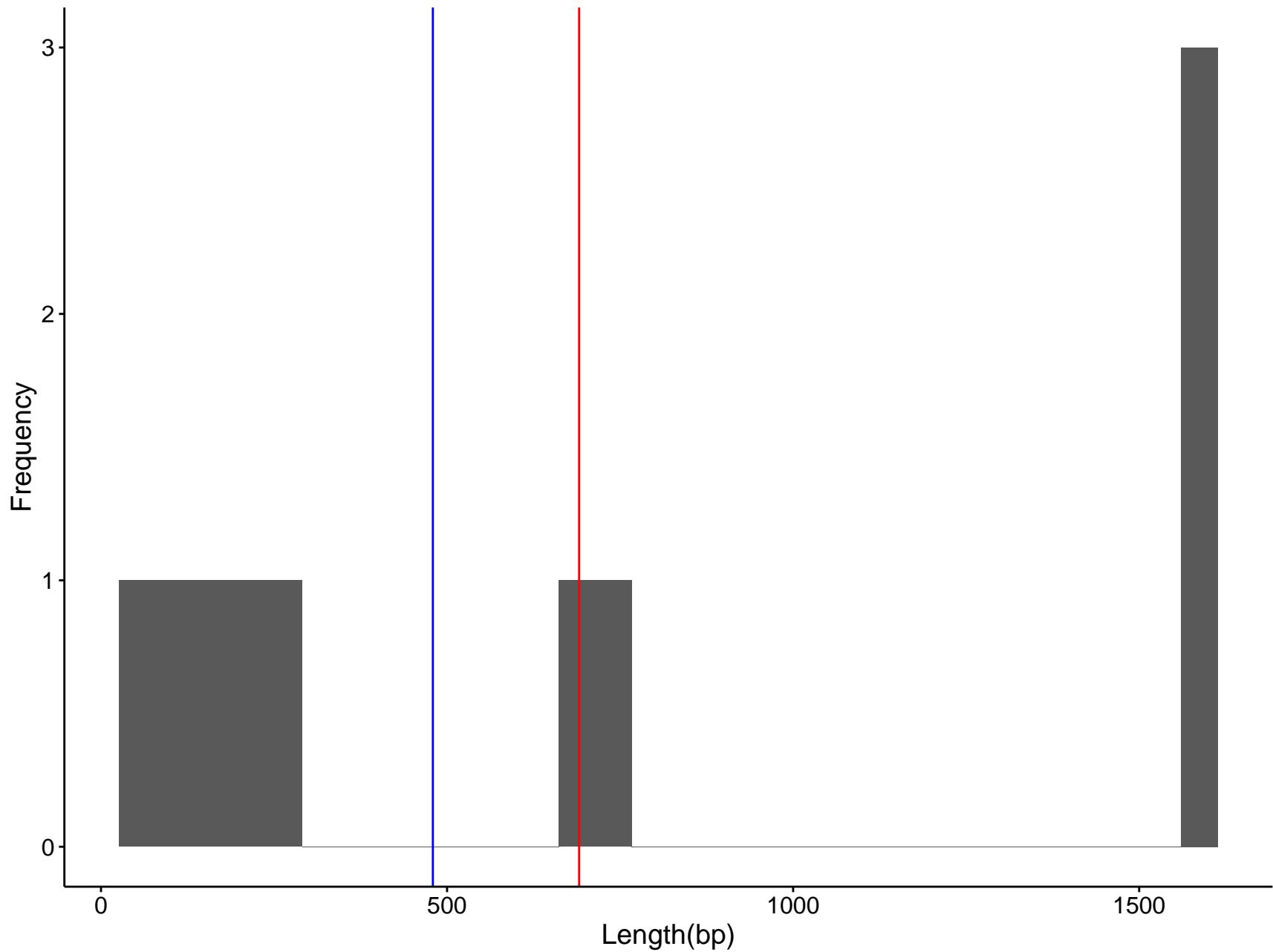
Cluster911



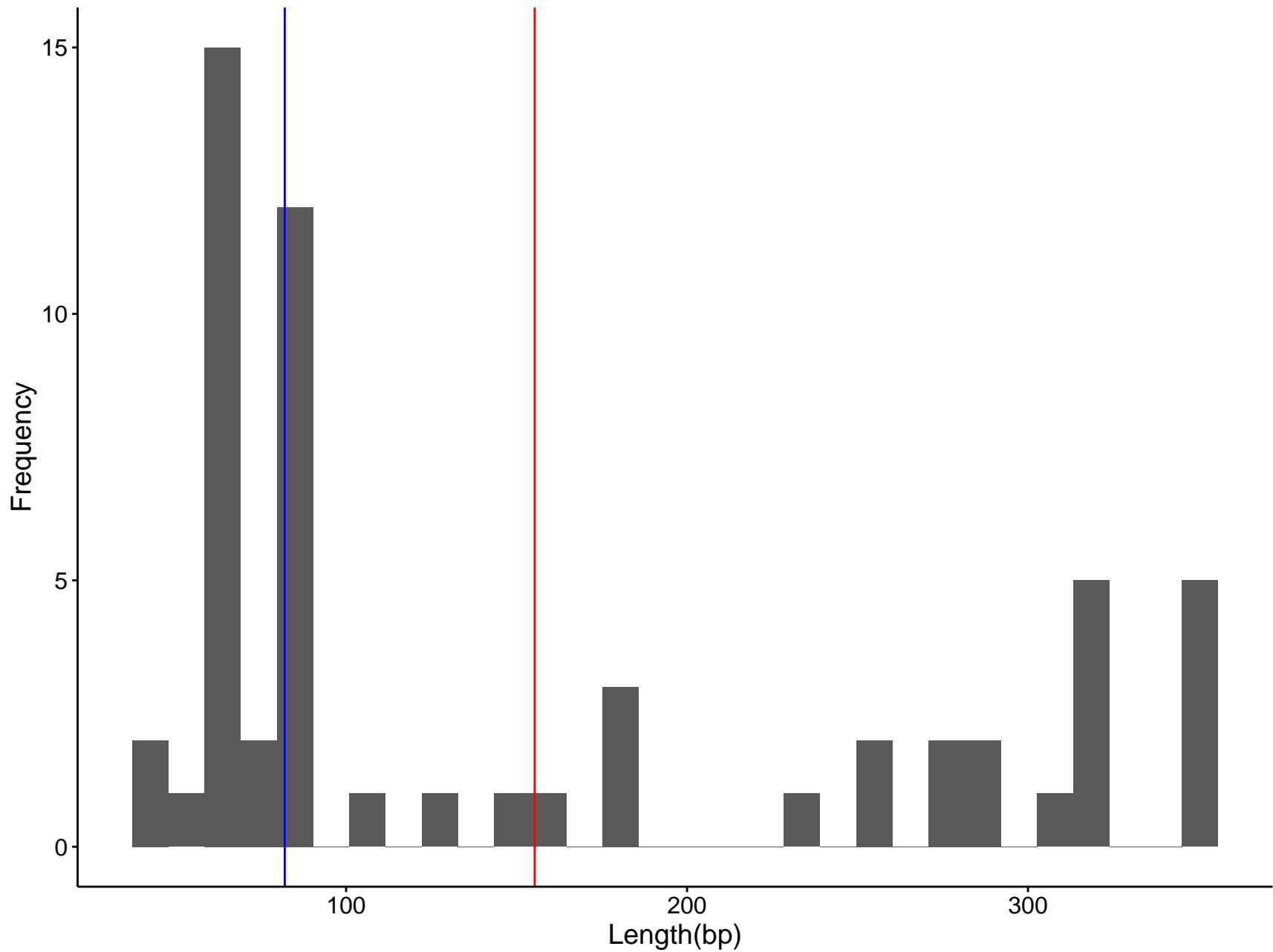
Cluster912

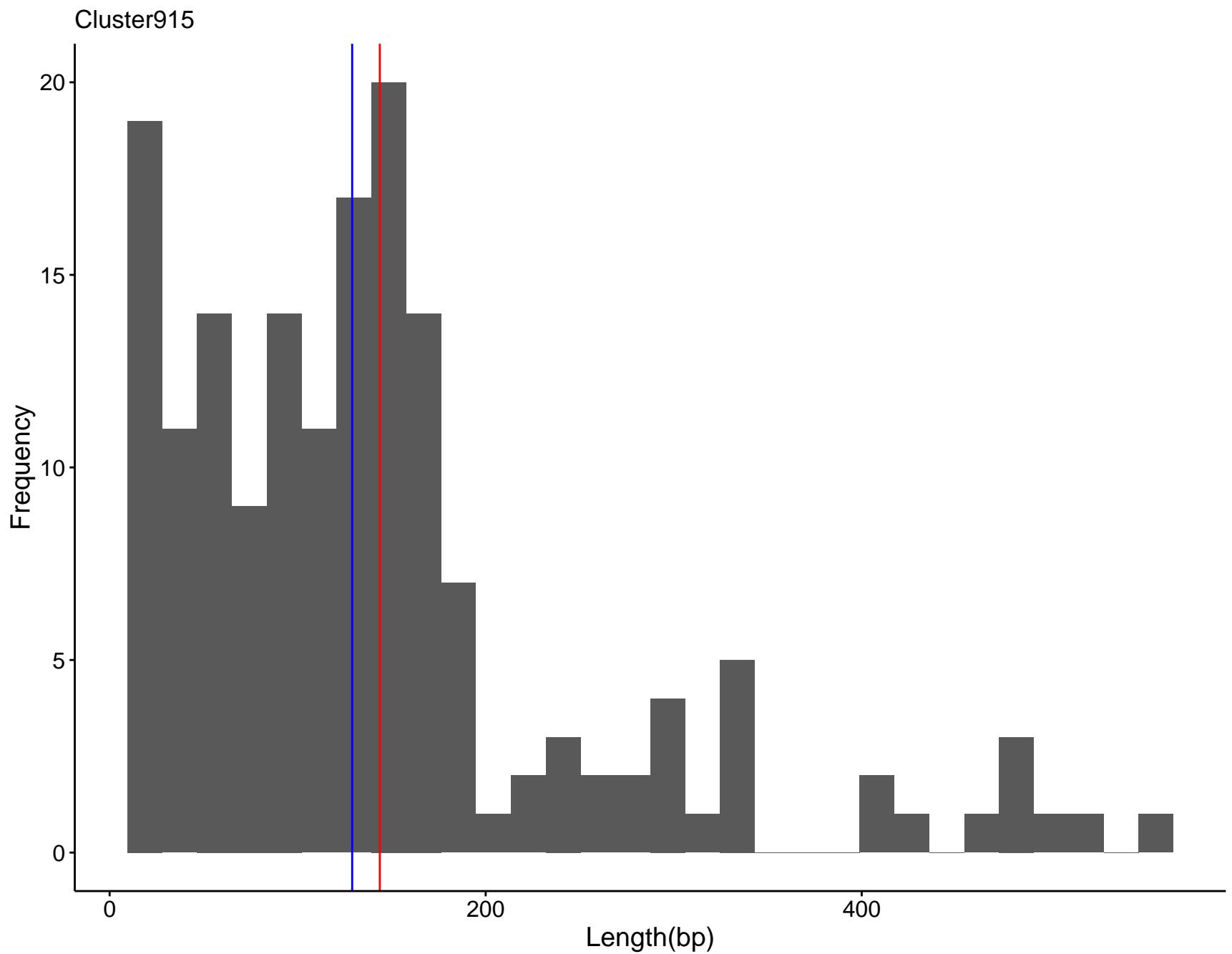


Cluster913

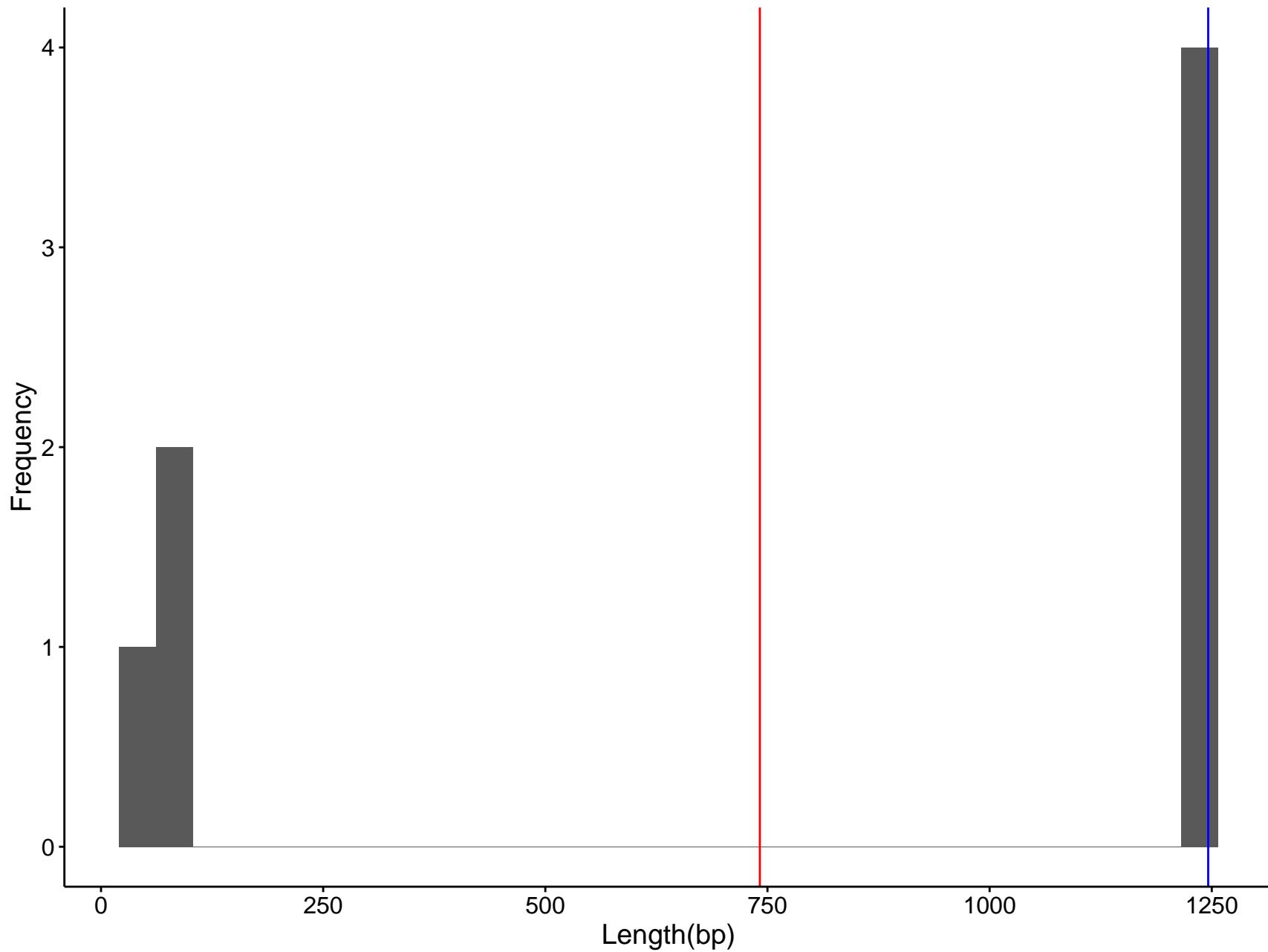


Cluster914

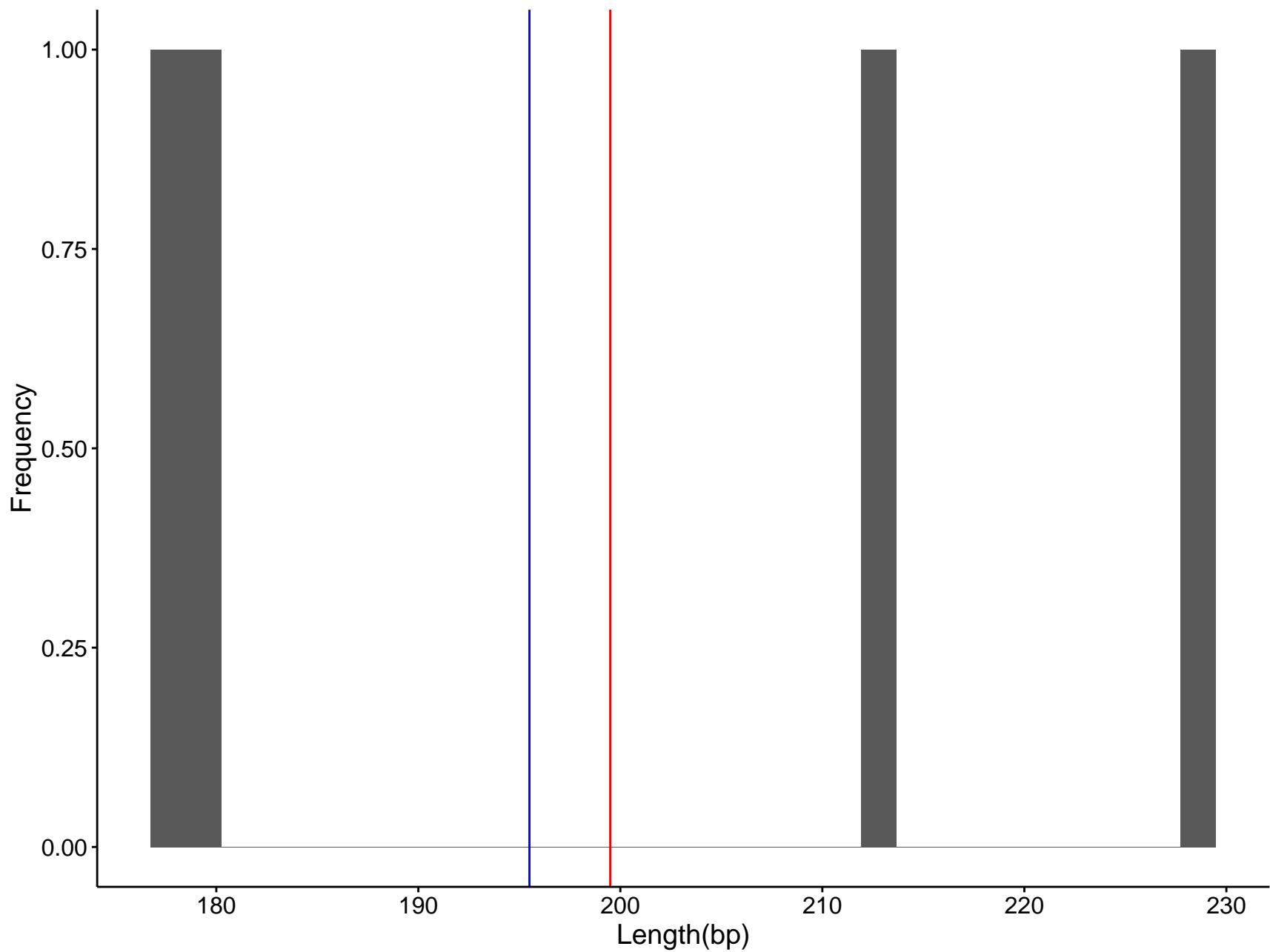




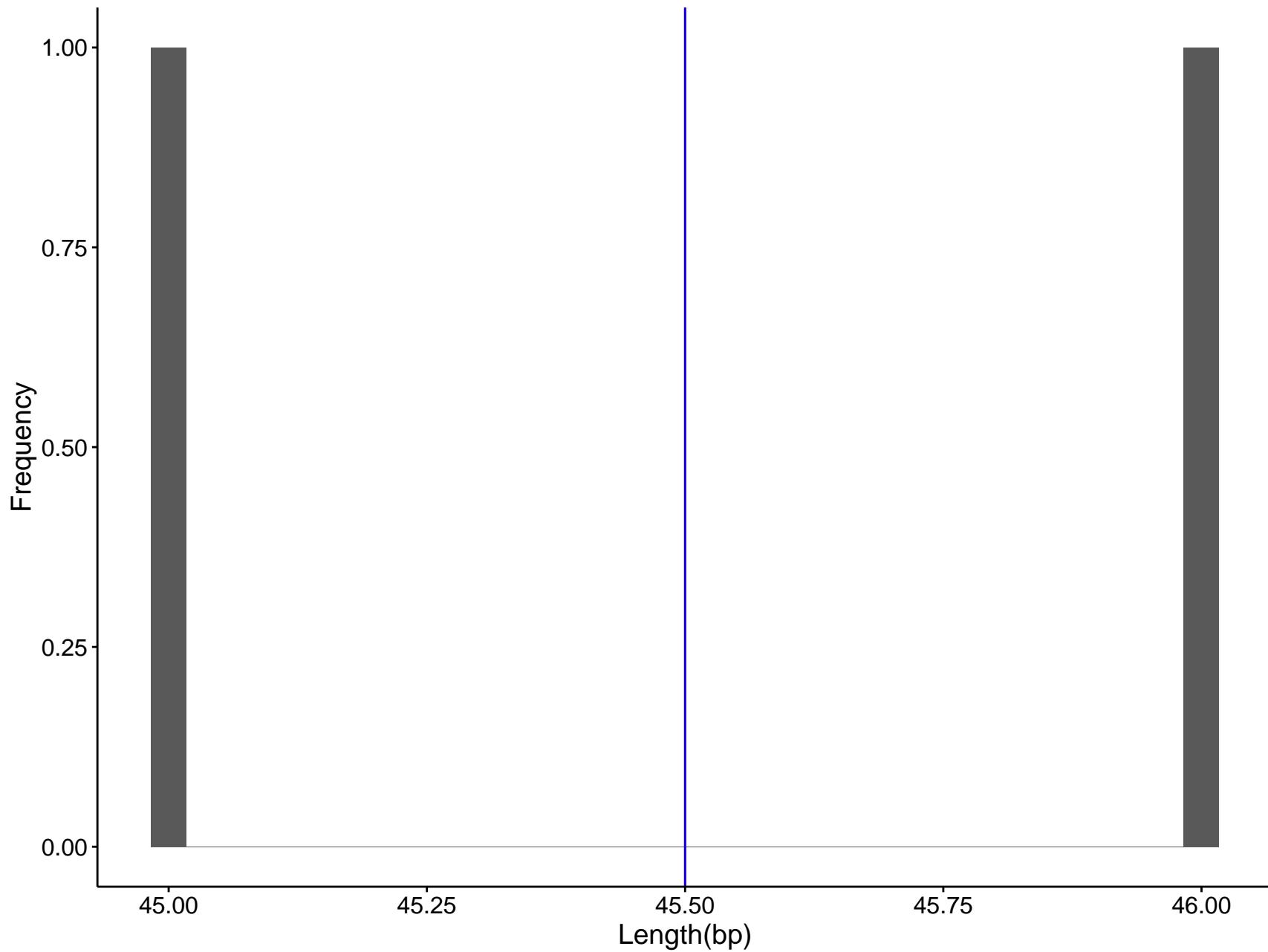
Cluster916



Cluster919



Cluster921



Cluster922

Frequency

94.950

94.975

95.000

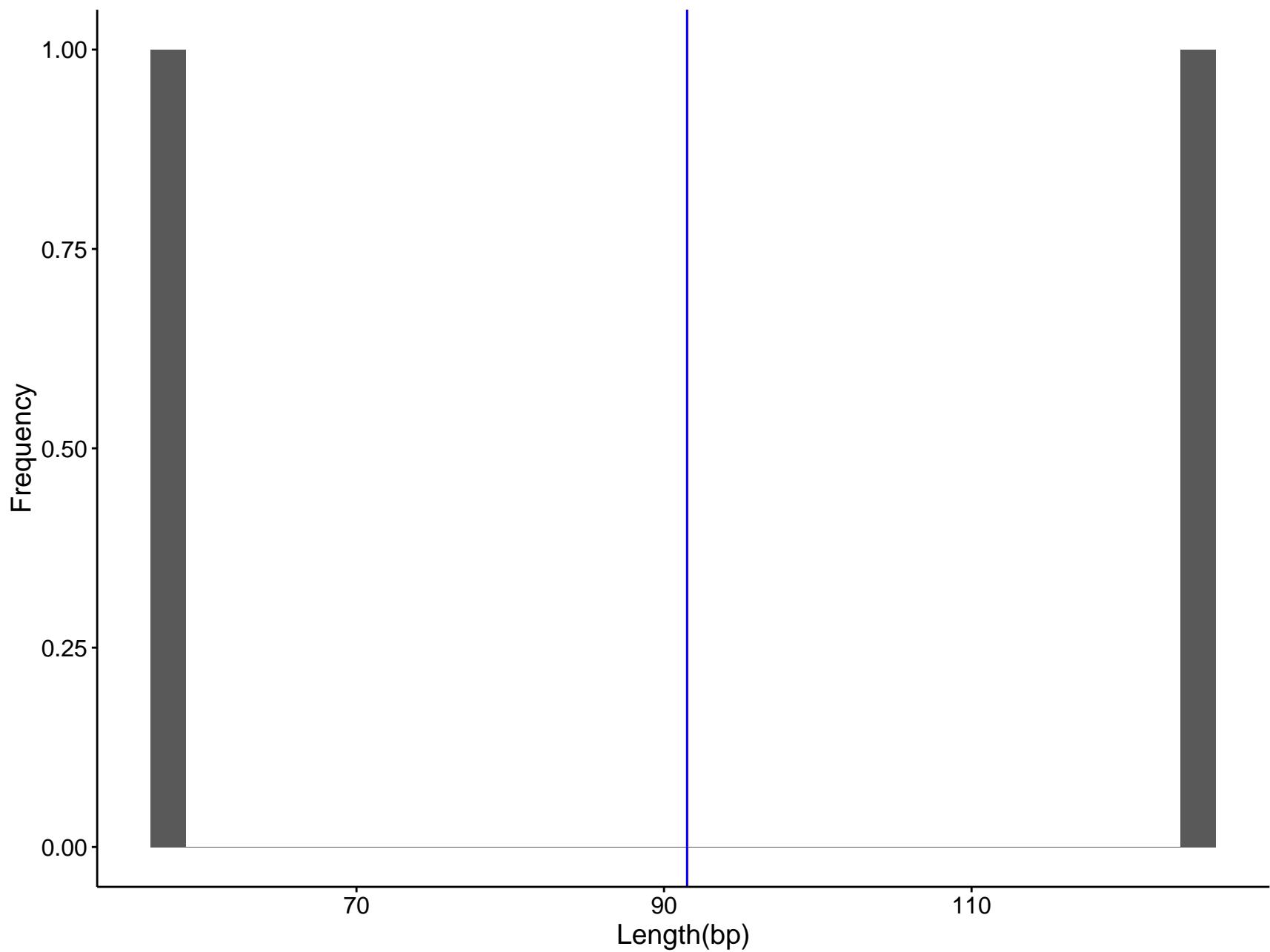
95.025

95.0

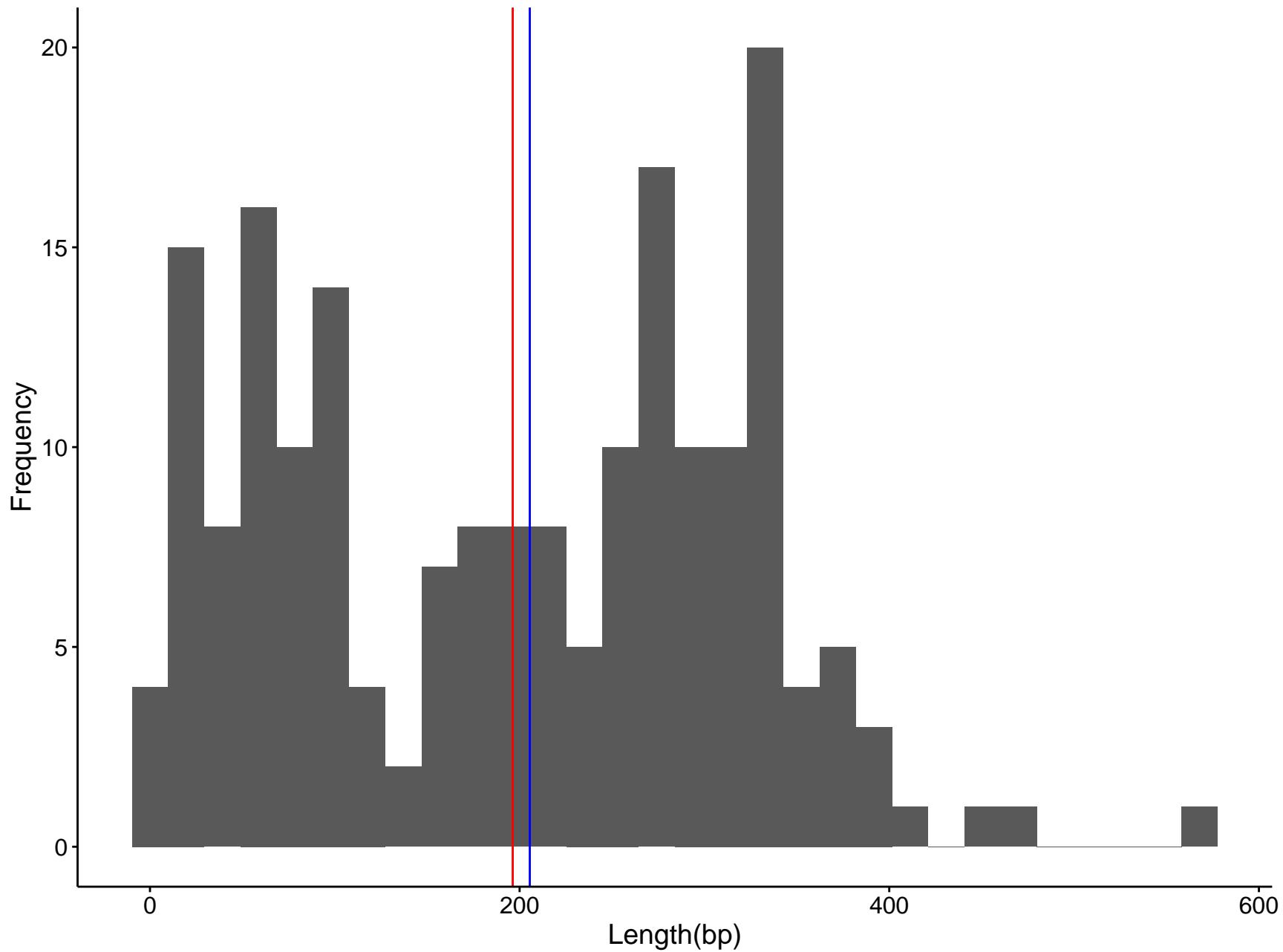
Length(bp)



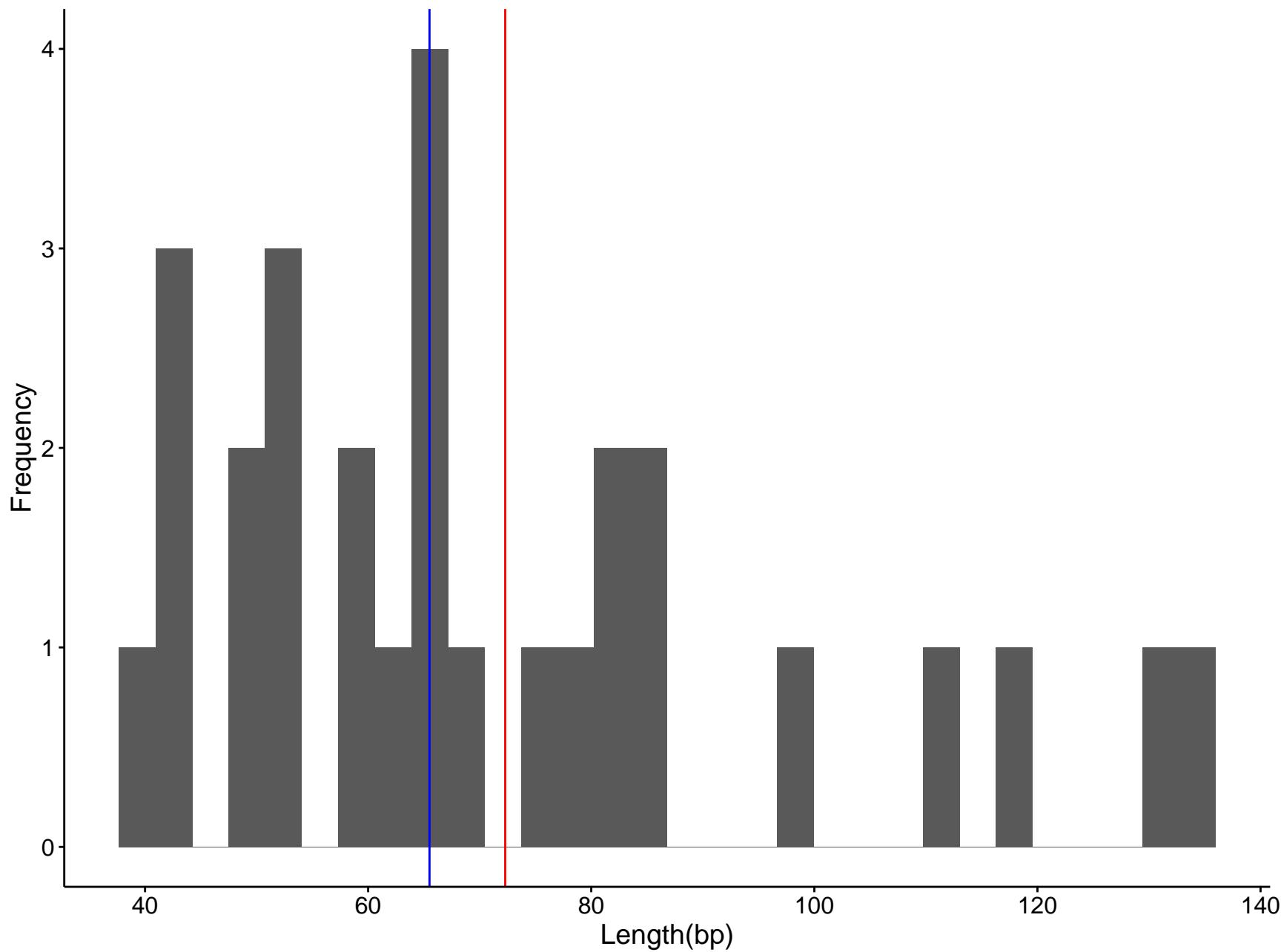
Cluster925



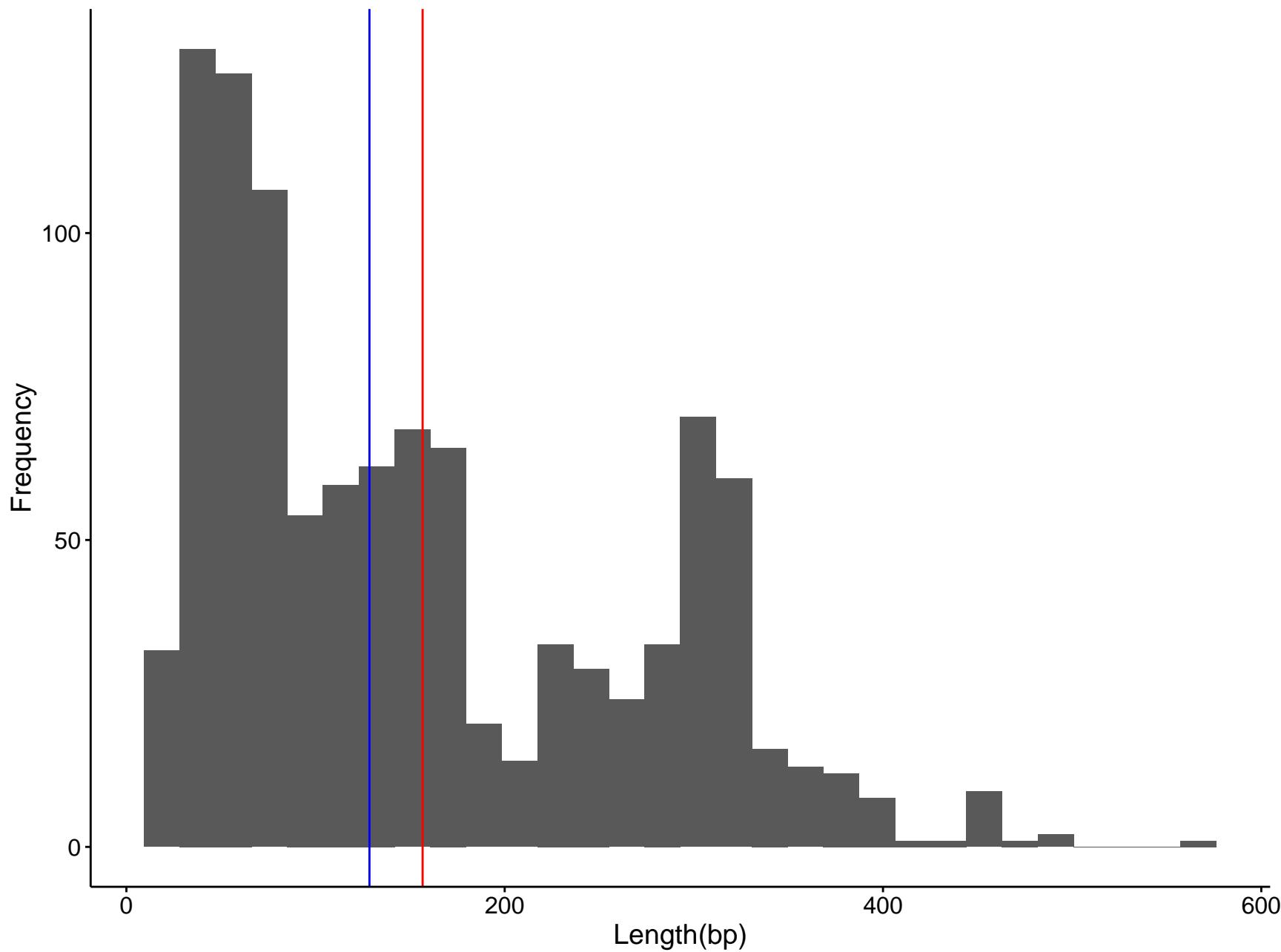
Cluster927



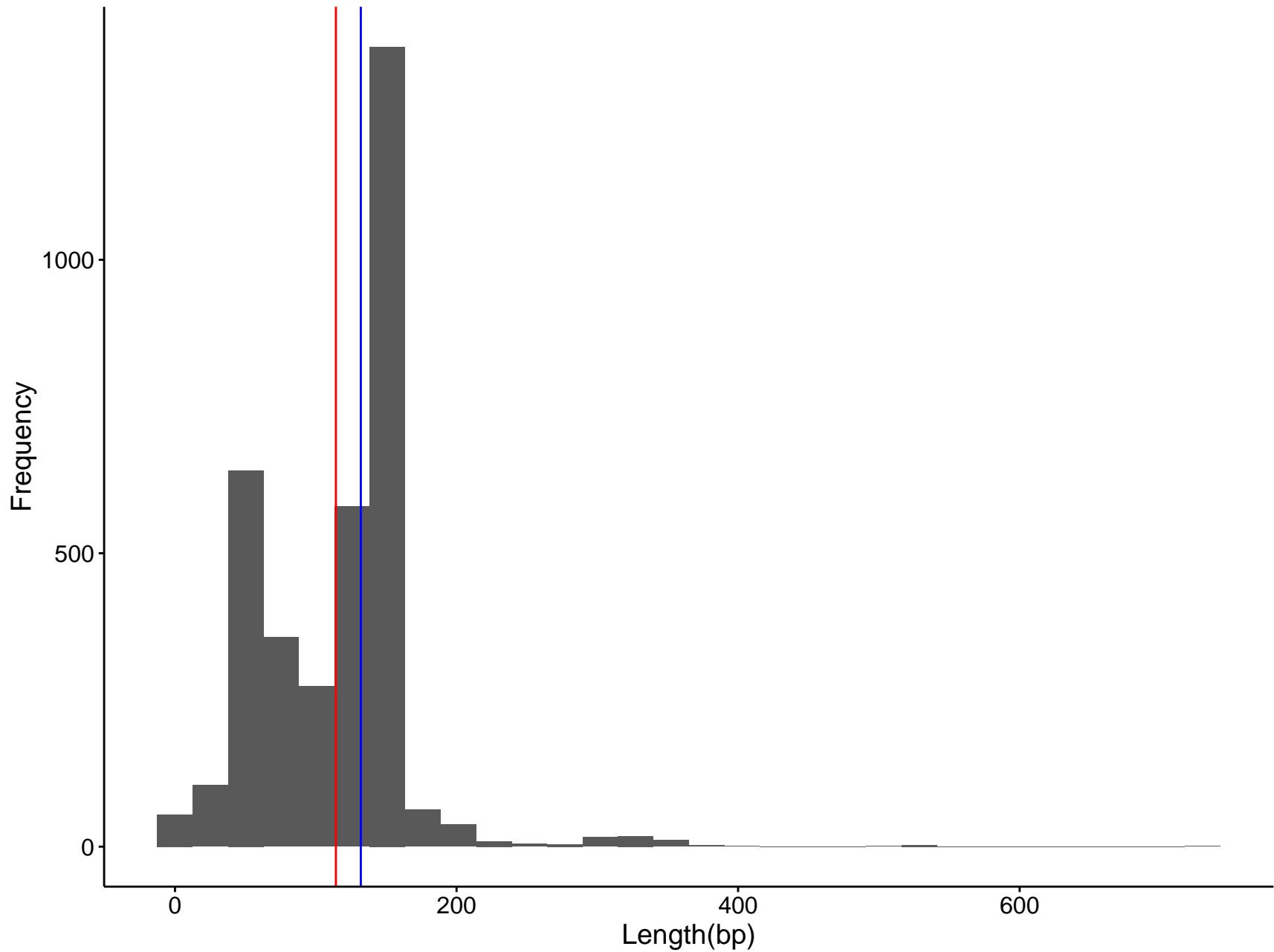
Cluster928



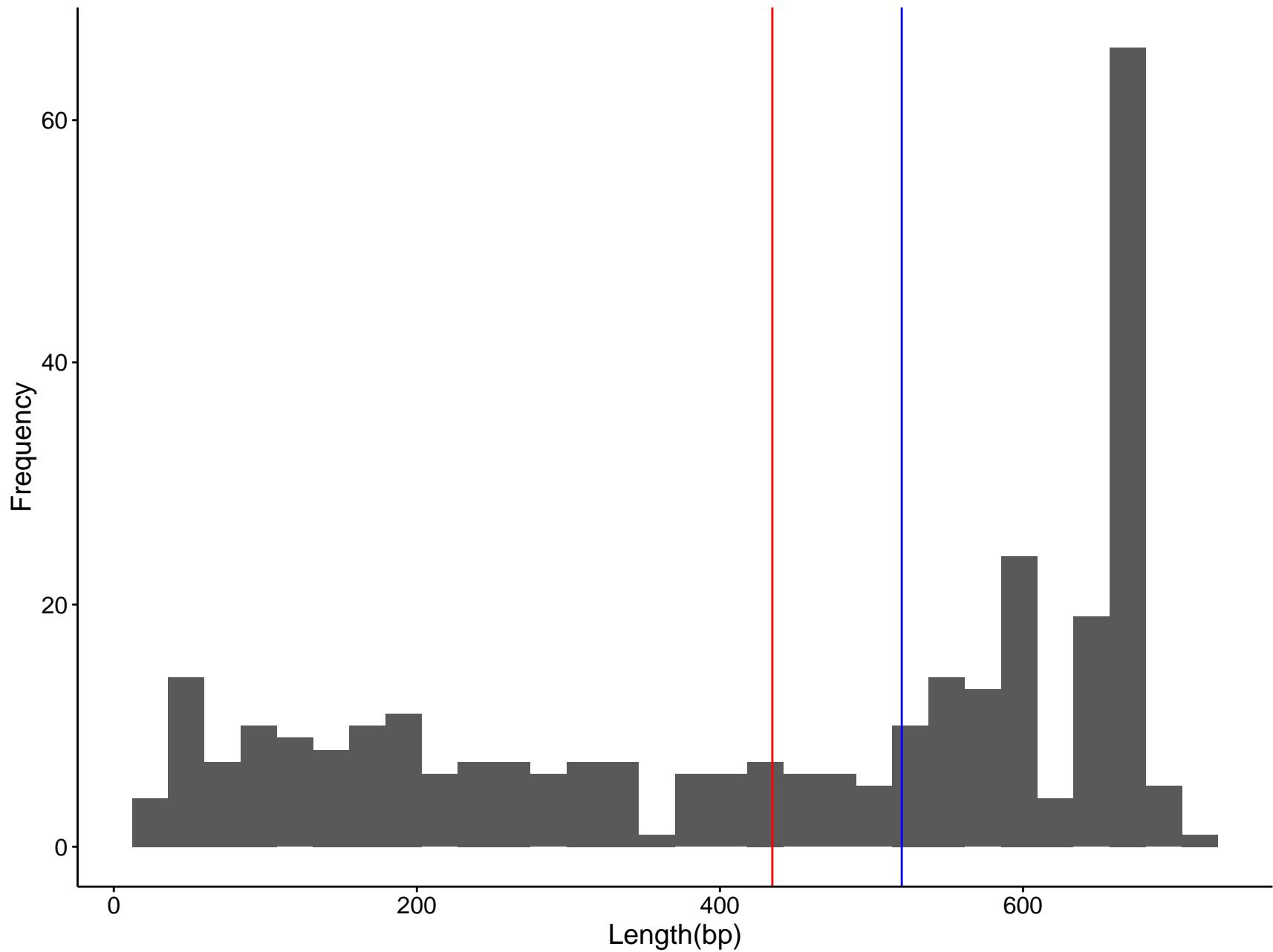
Cluster929



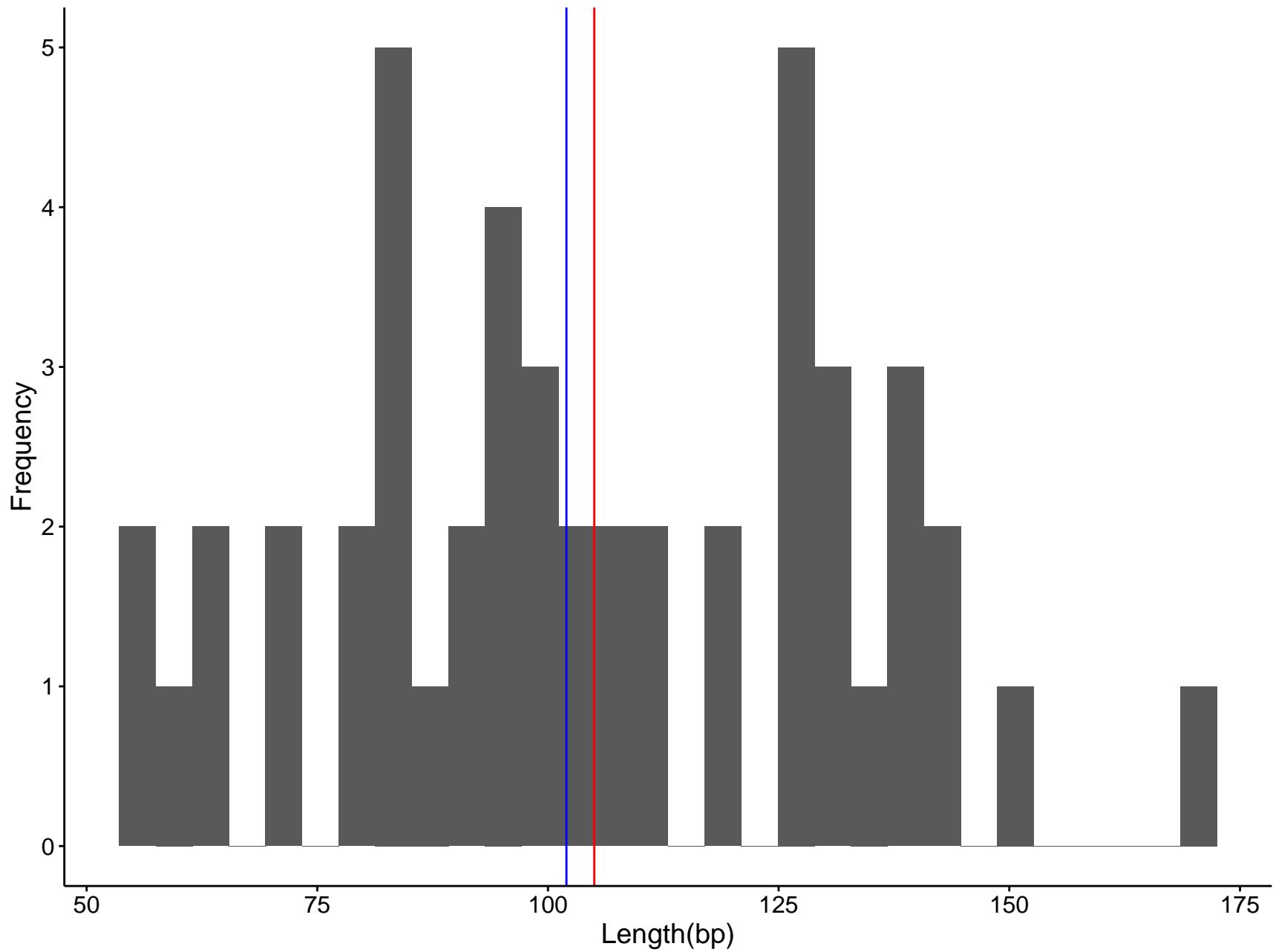
Cluster930



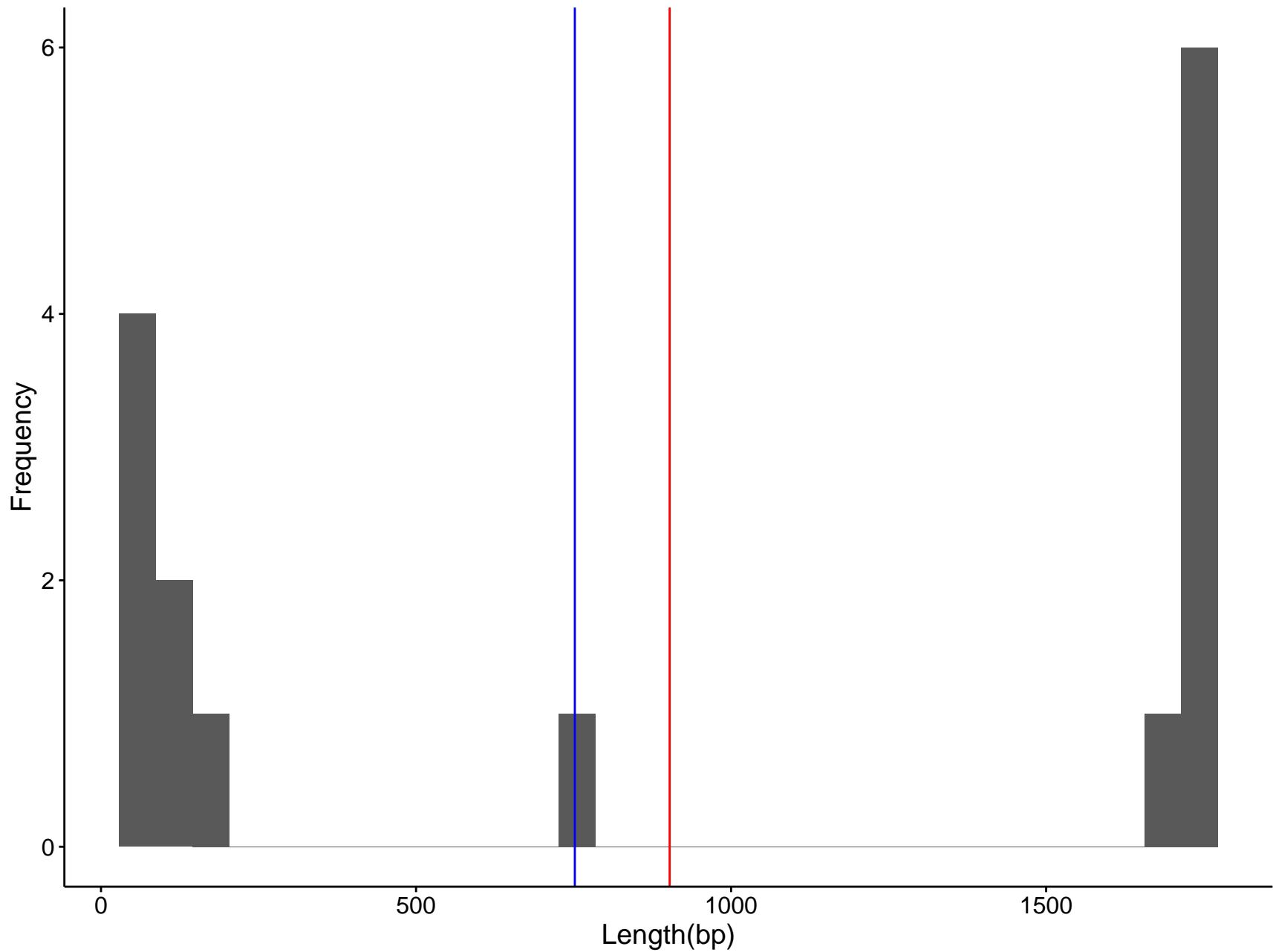
Cluster931



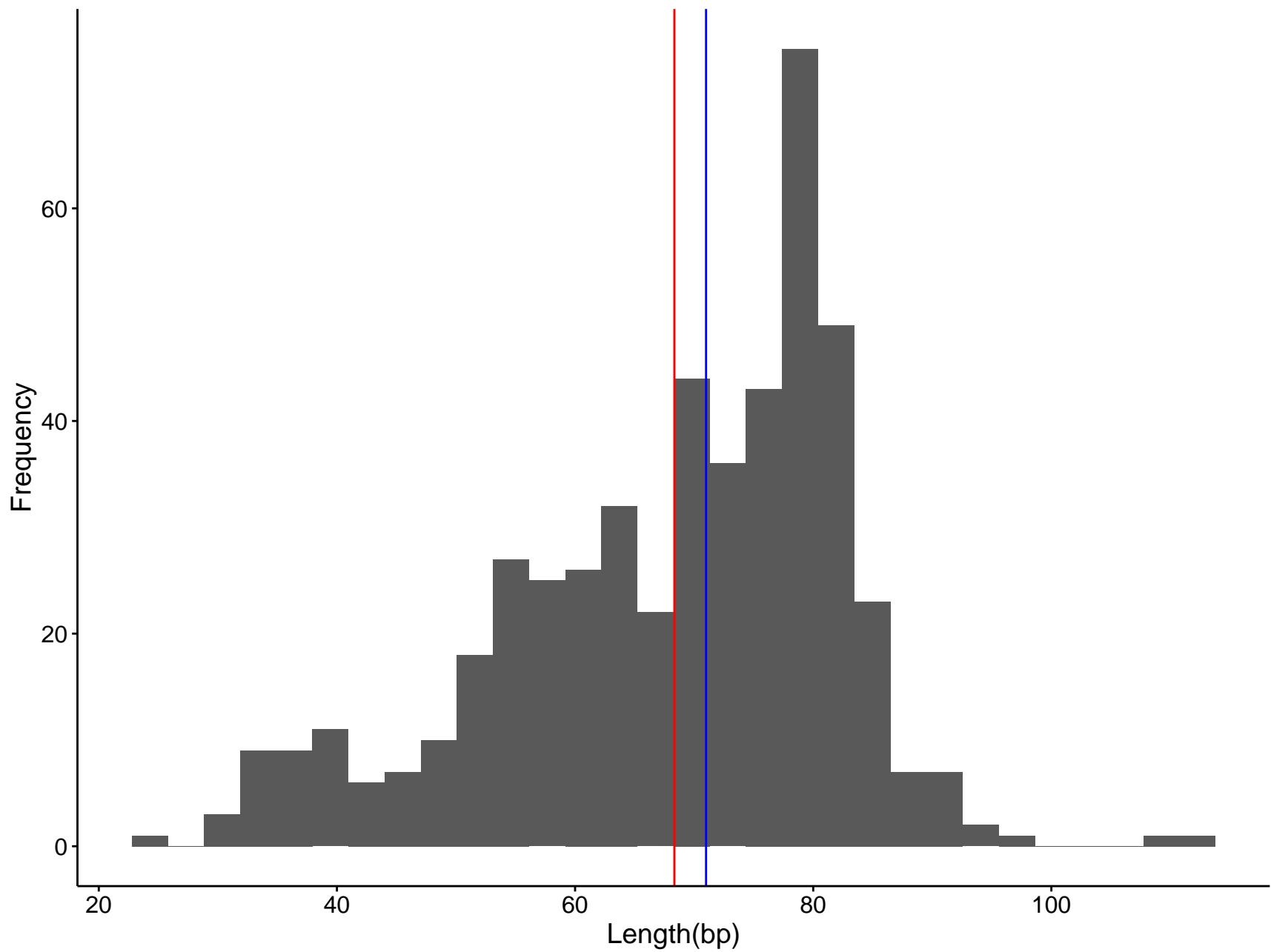
Cluster932



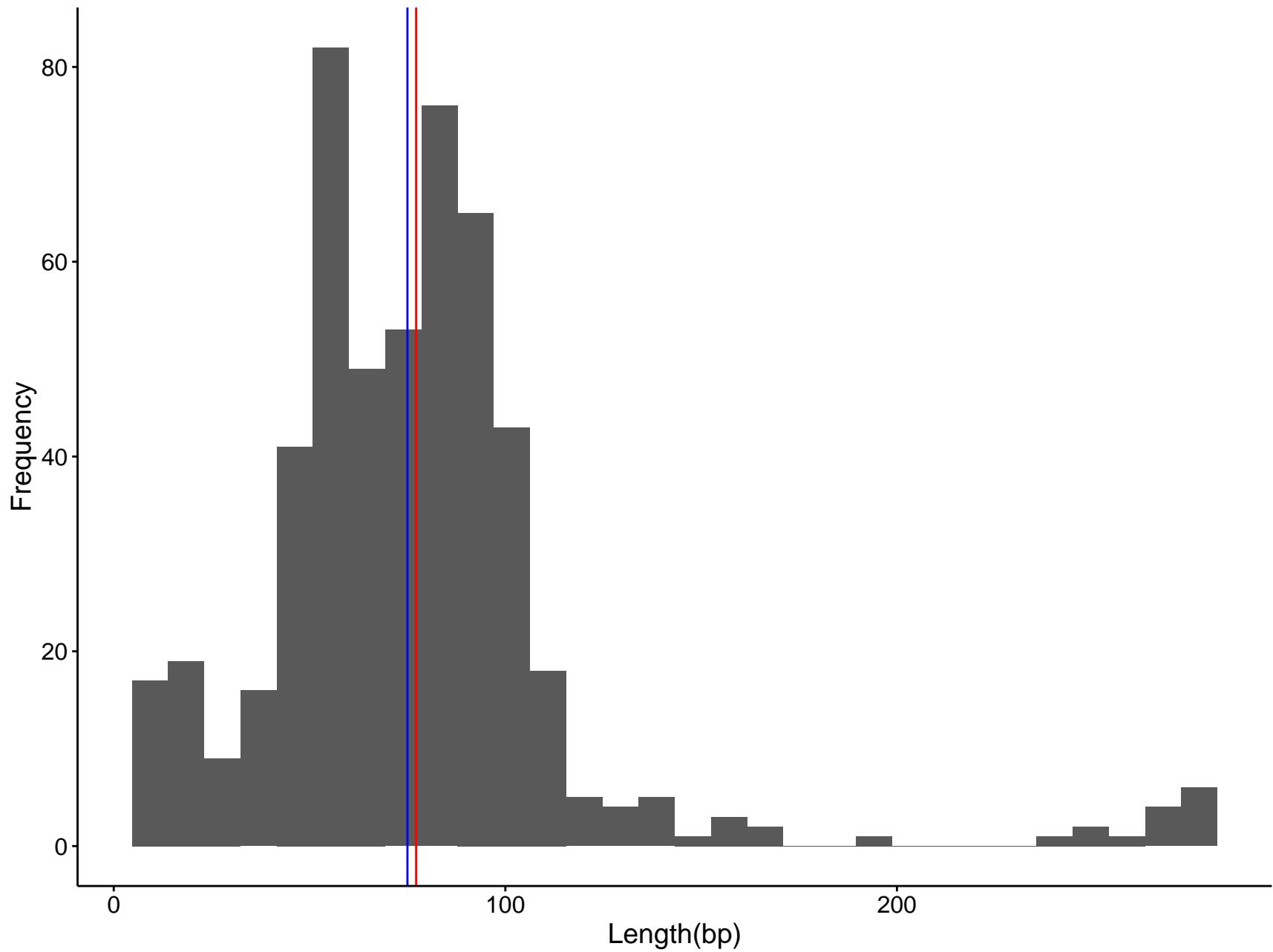
Cluster934



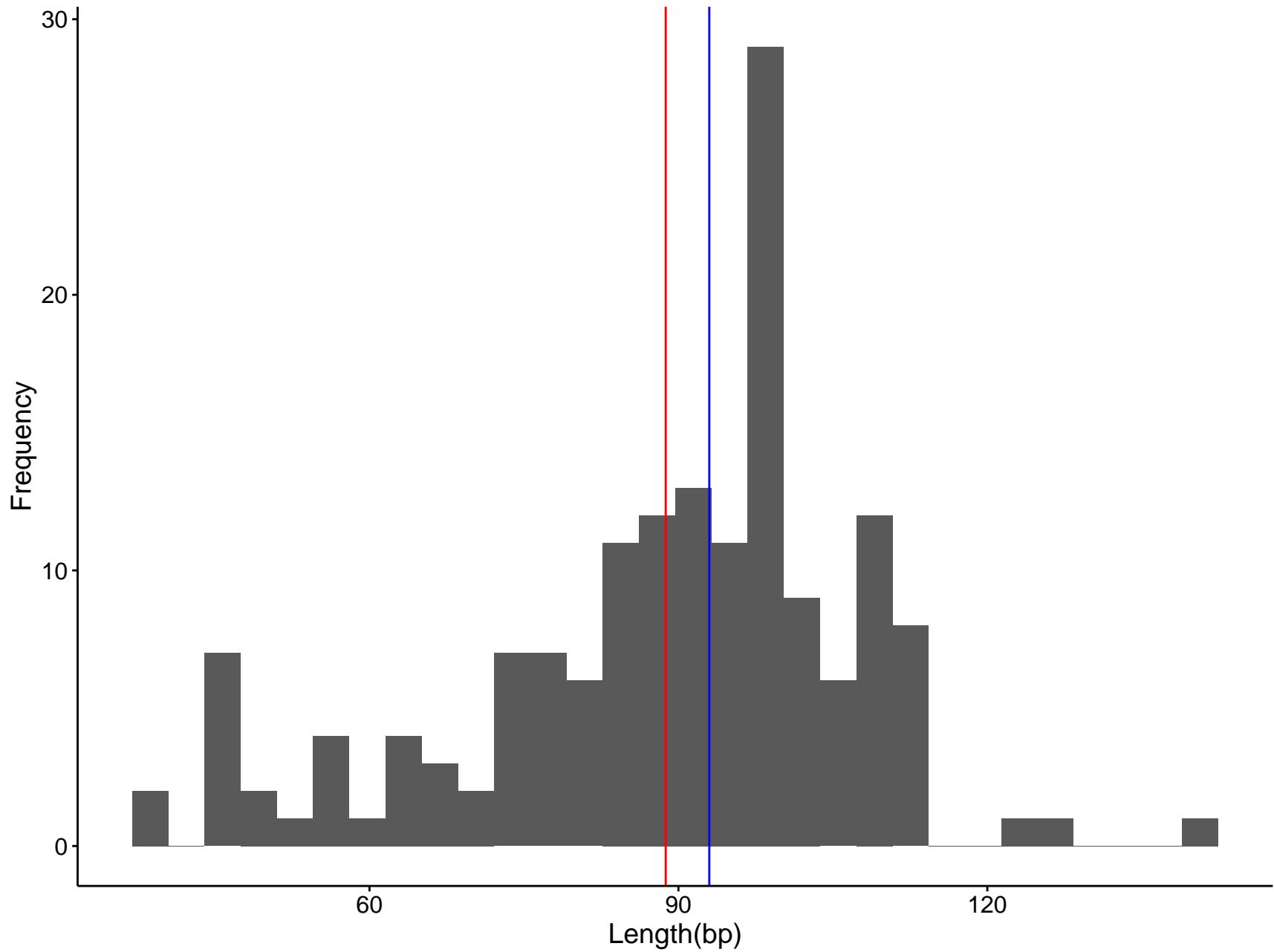
Cluster935



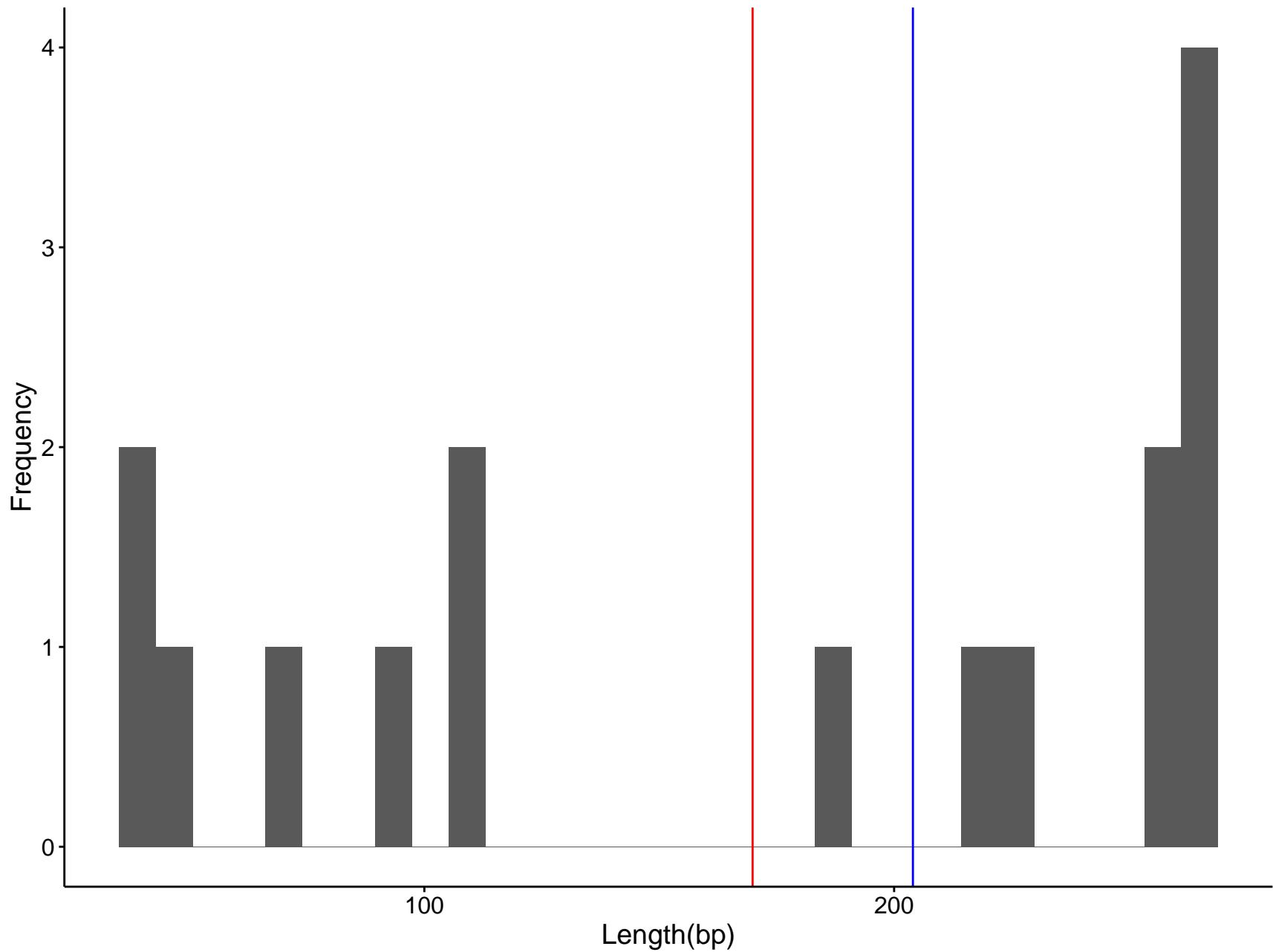
Cluster937



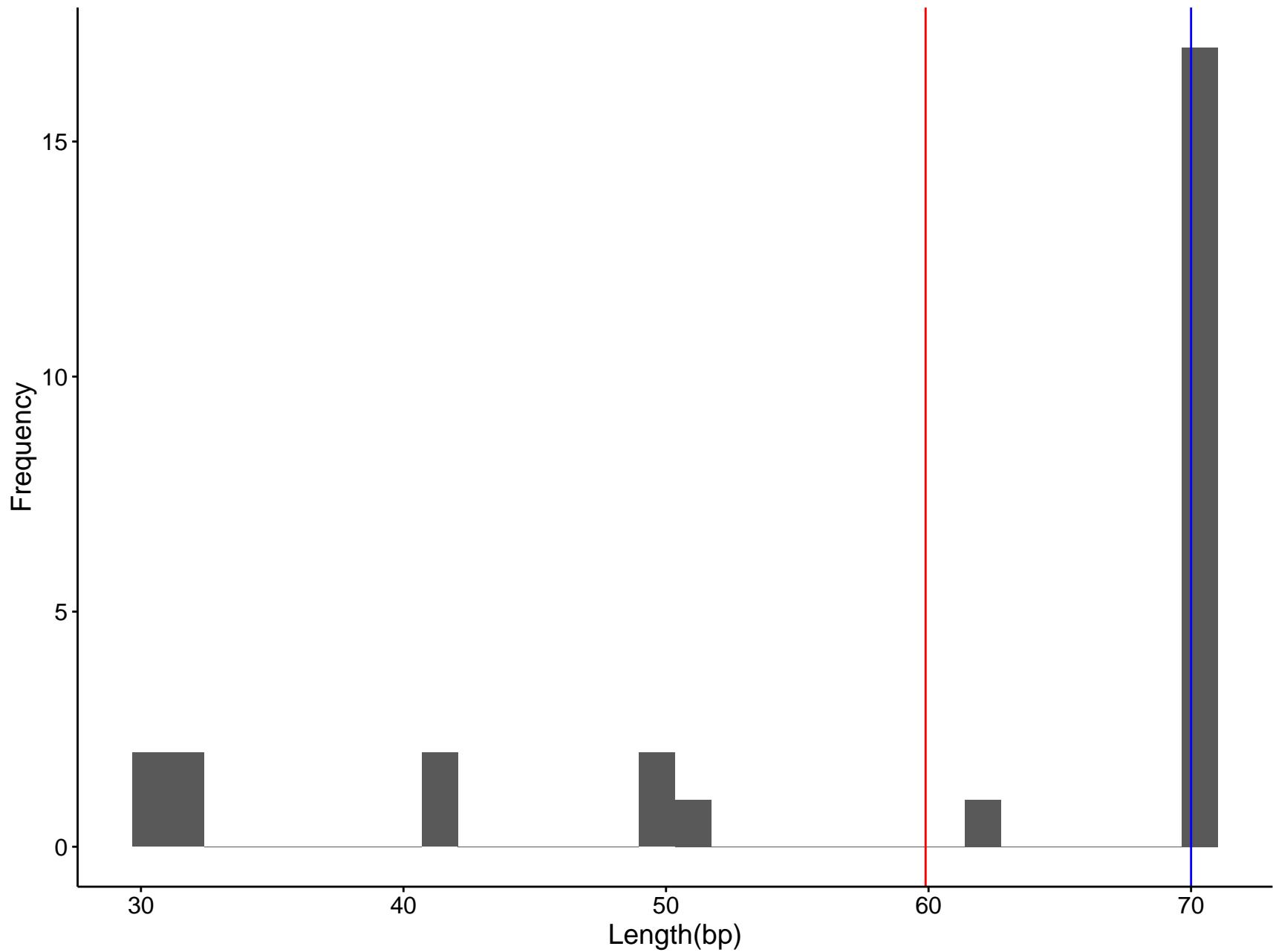
Cluster938



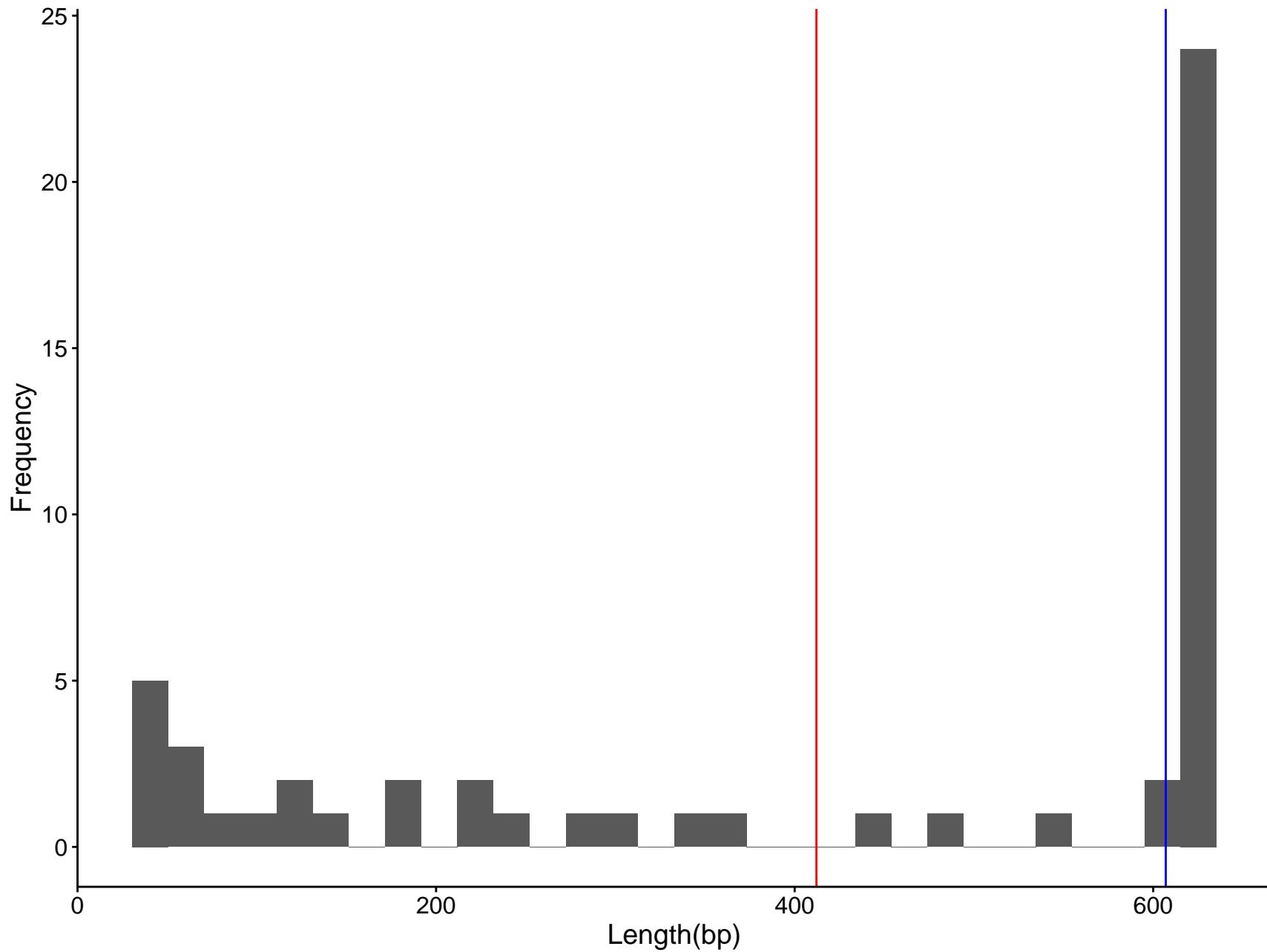
Cluster939



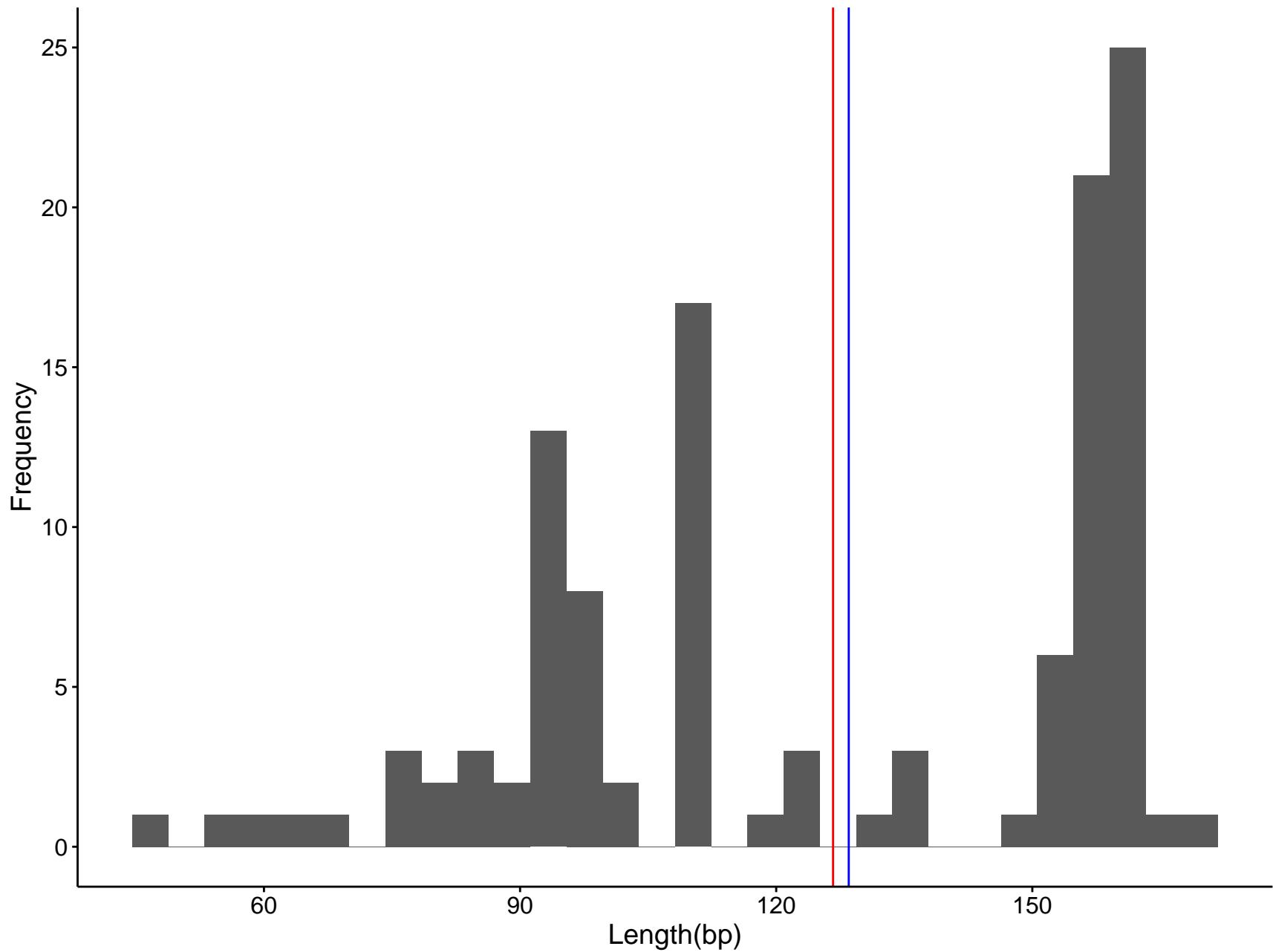
Cluster940



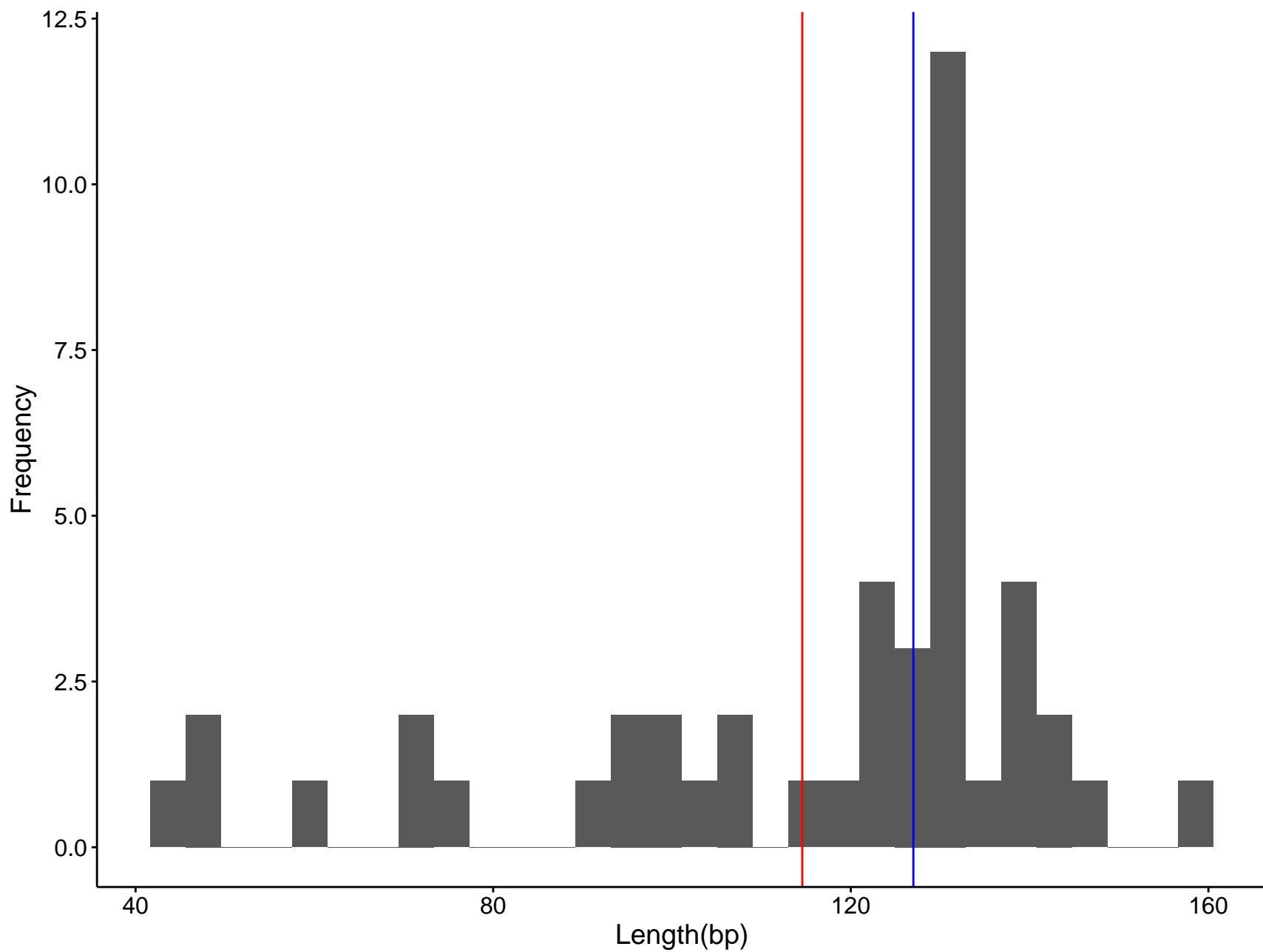
Cluster942



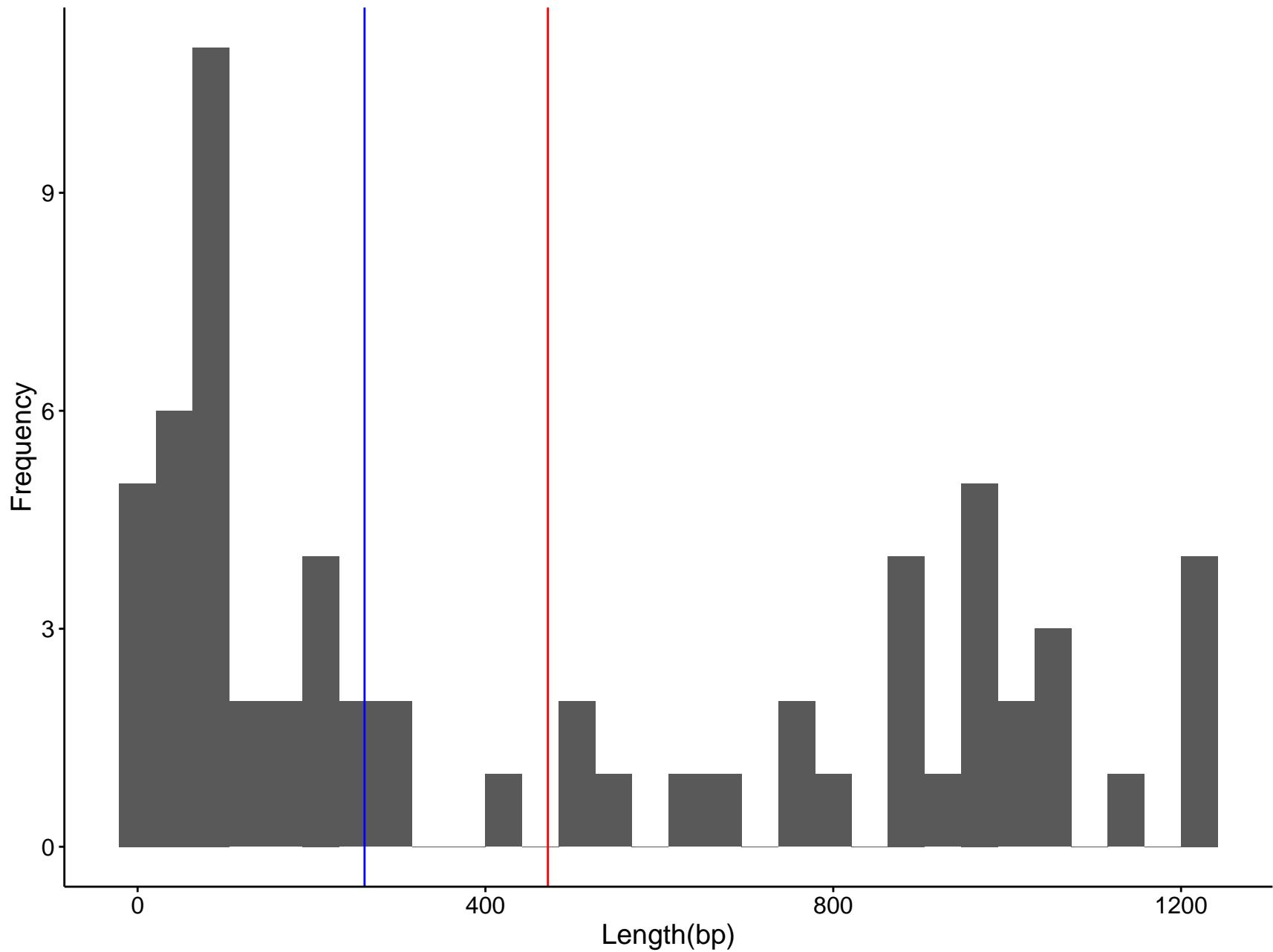
Cluster943



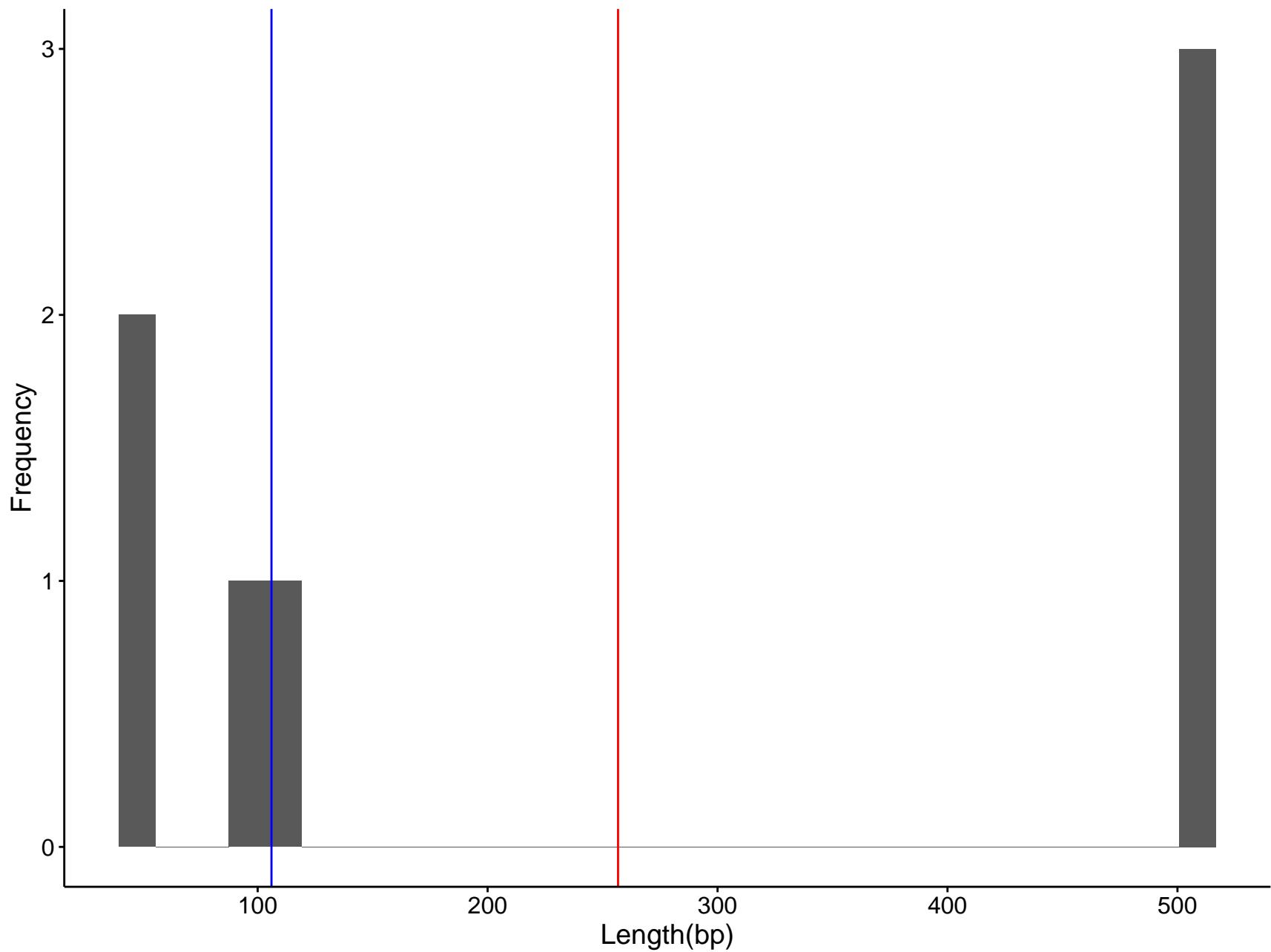
Cluster946



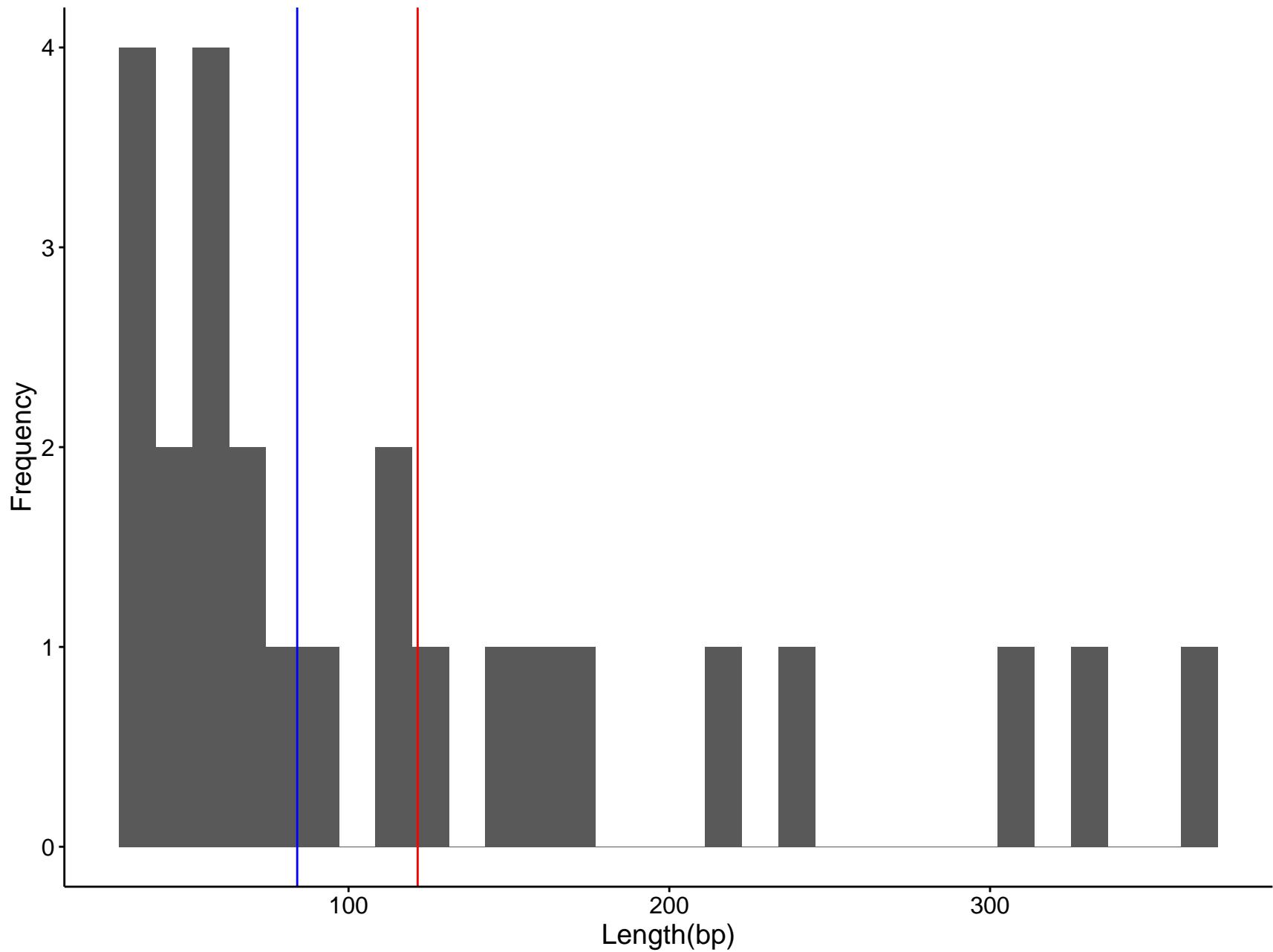
Cluster947



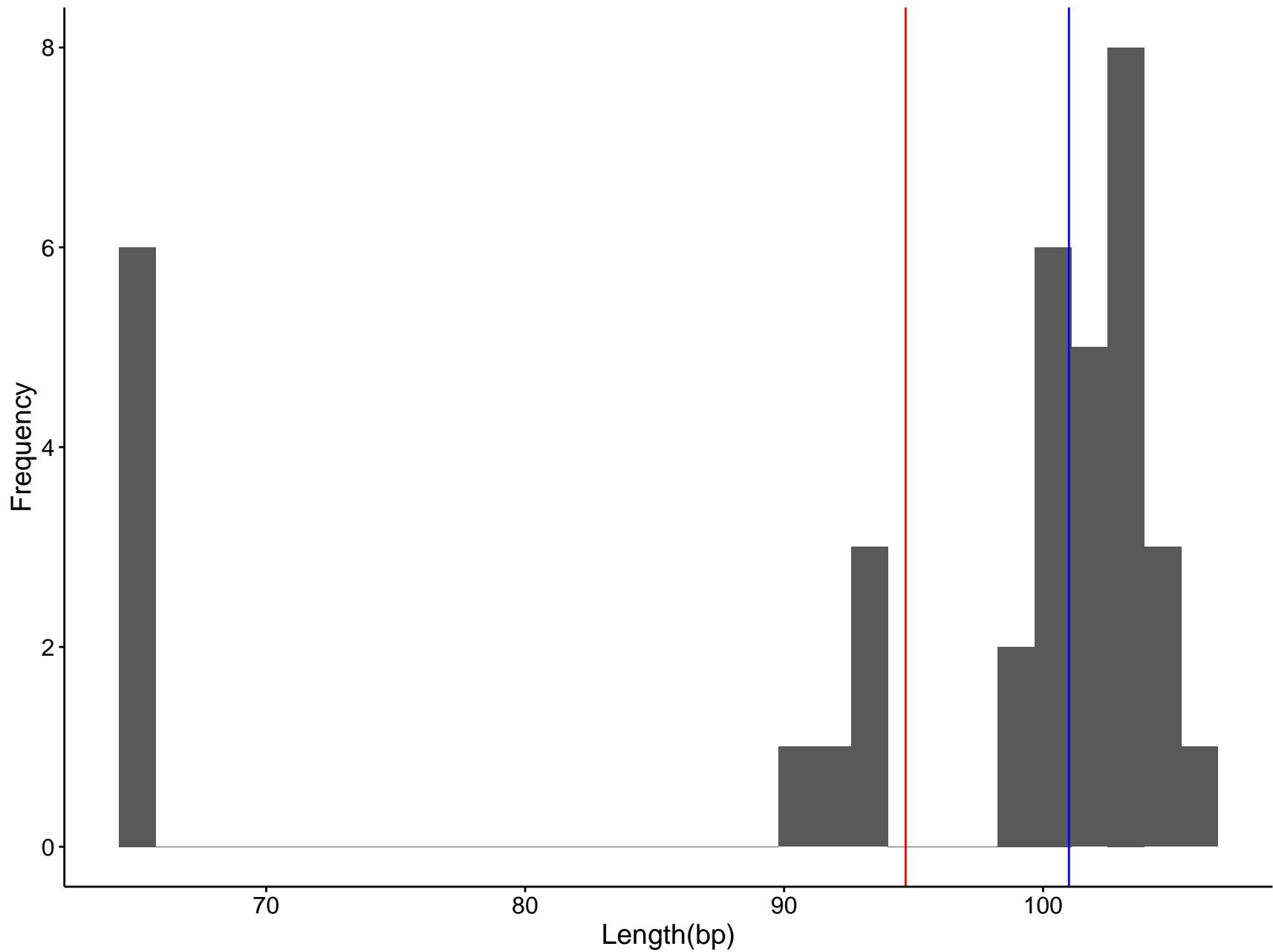
Cluster948



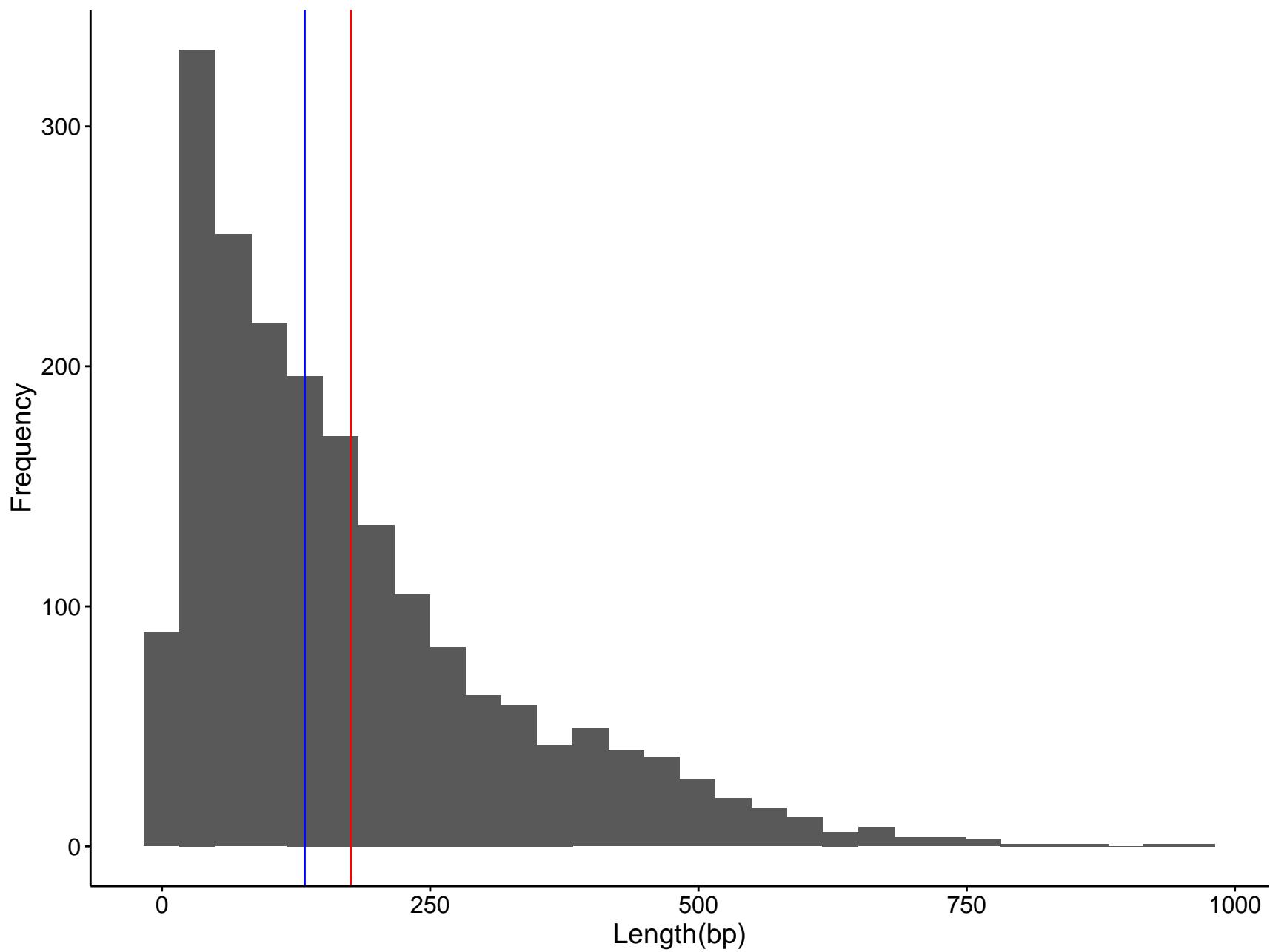
Cluster949



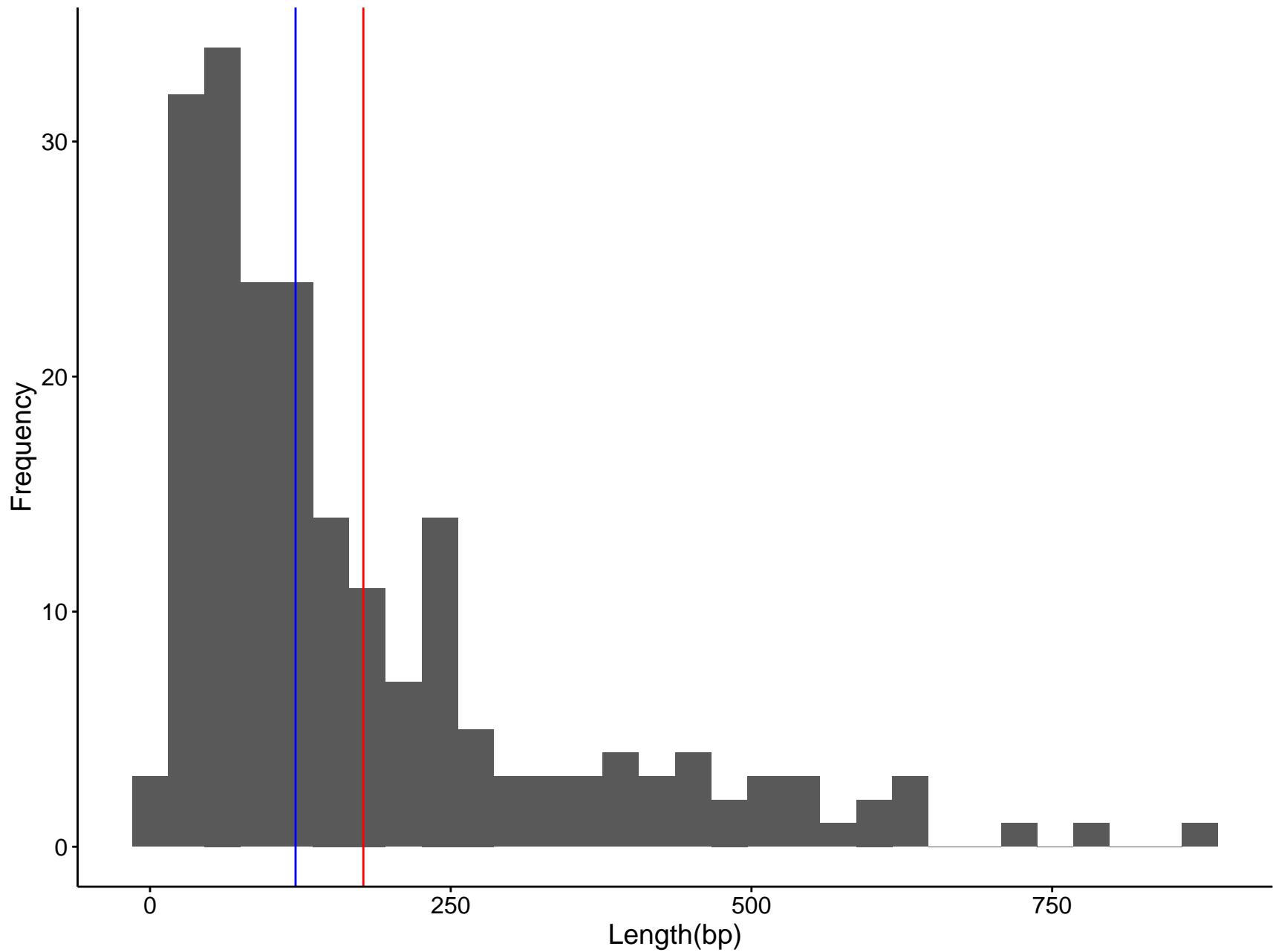
Cluster950



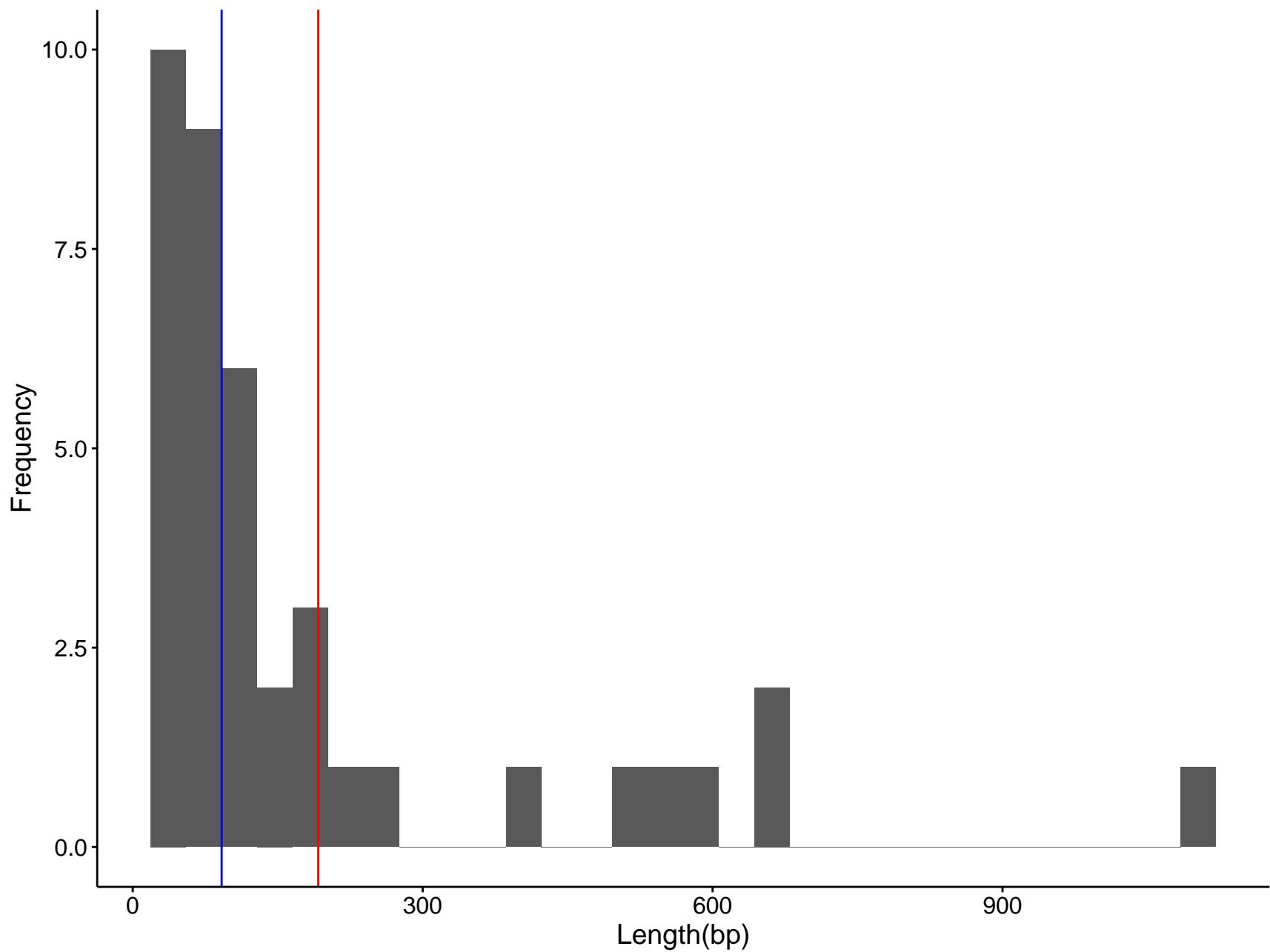
Cluster953



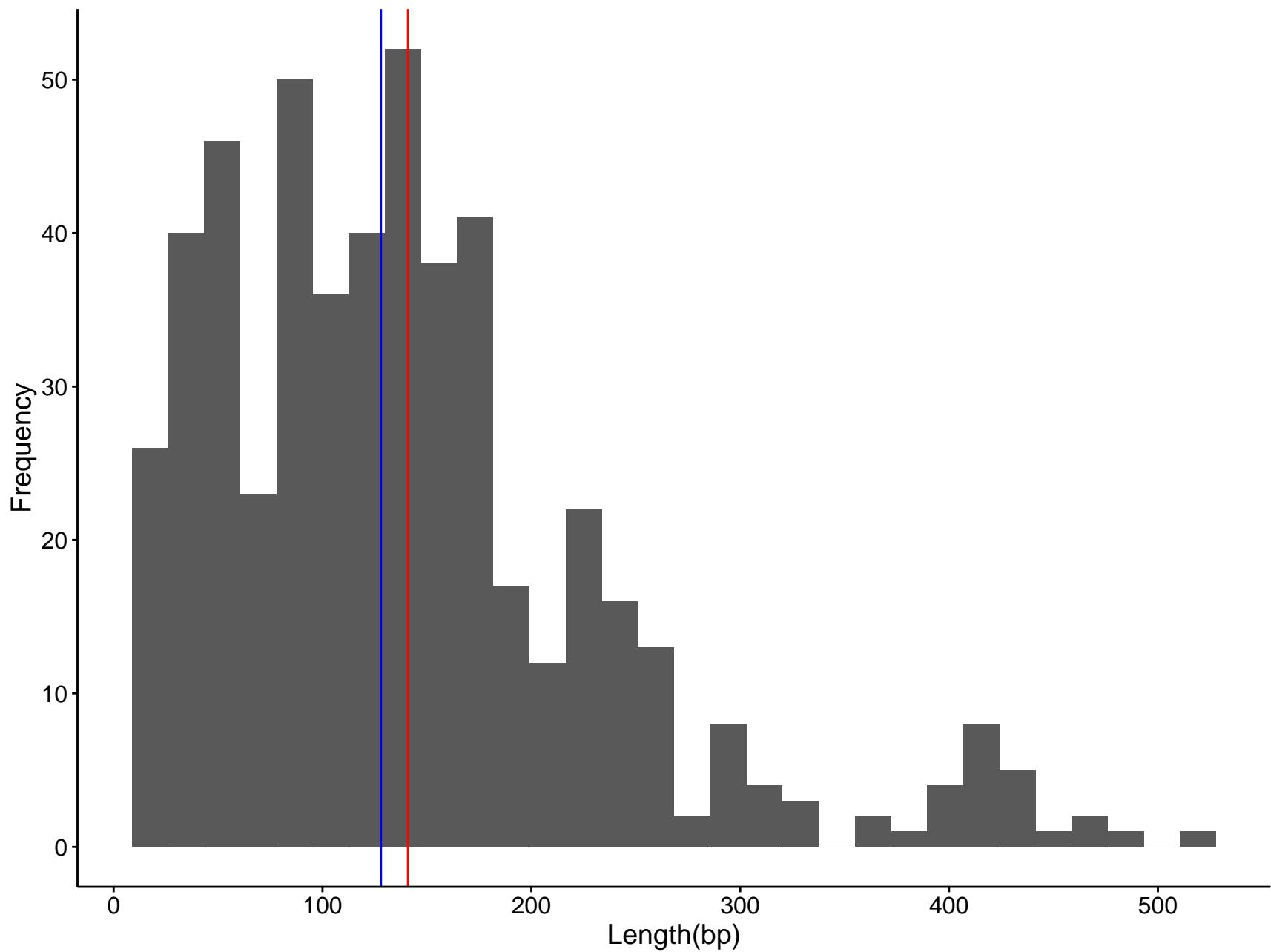
Cluster954



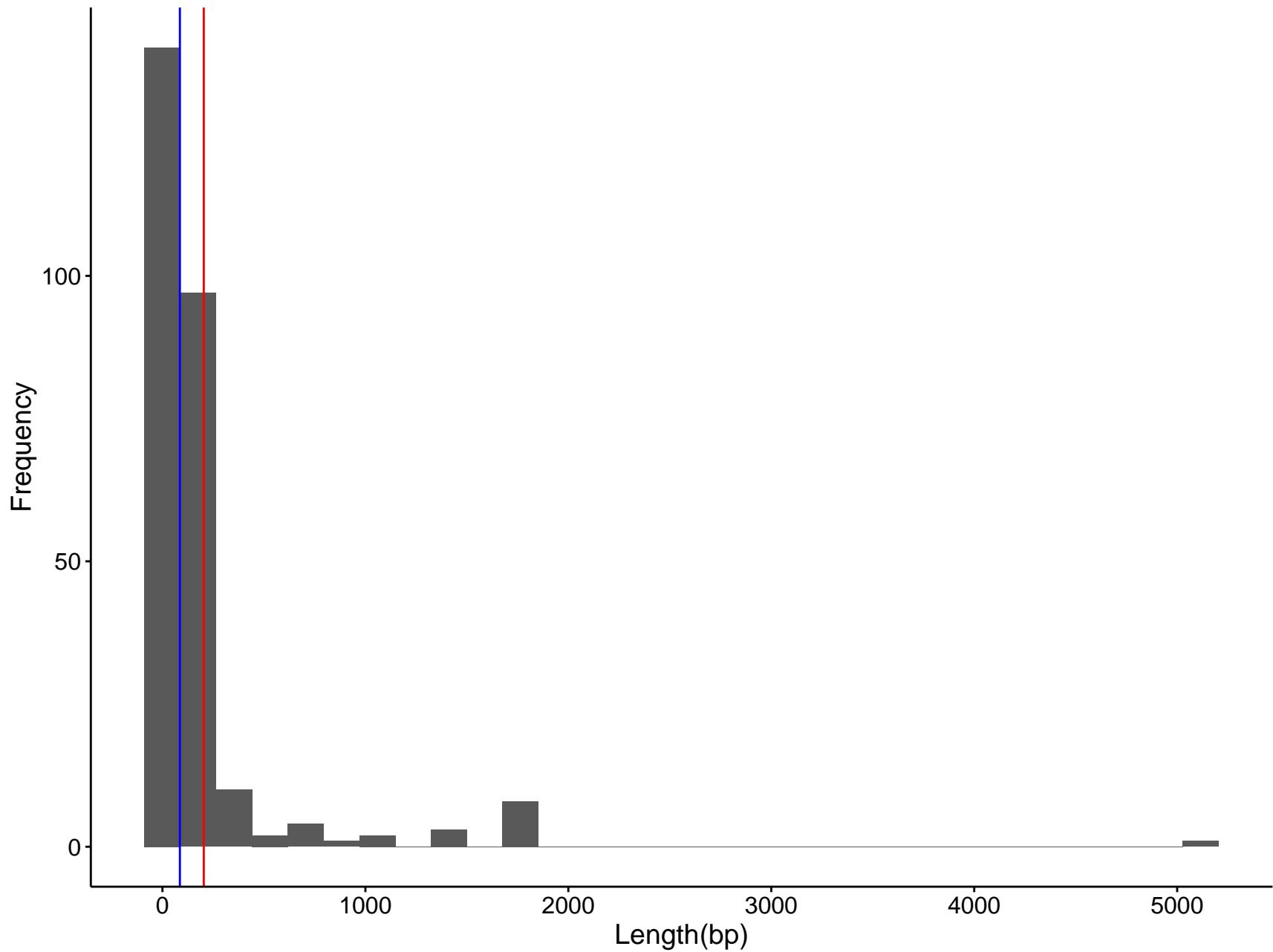
Cluster955



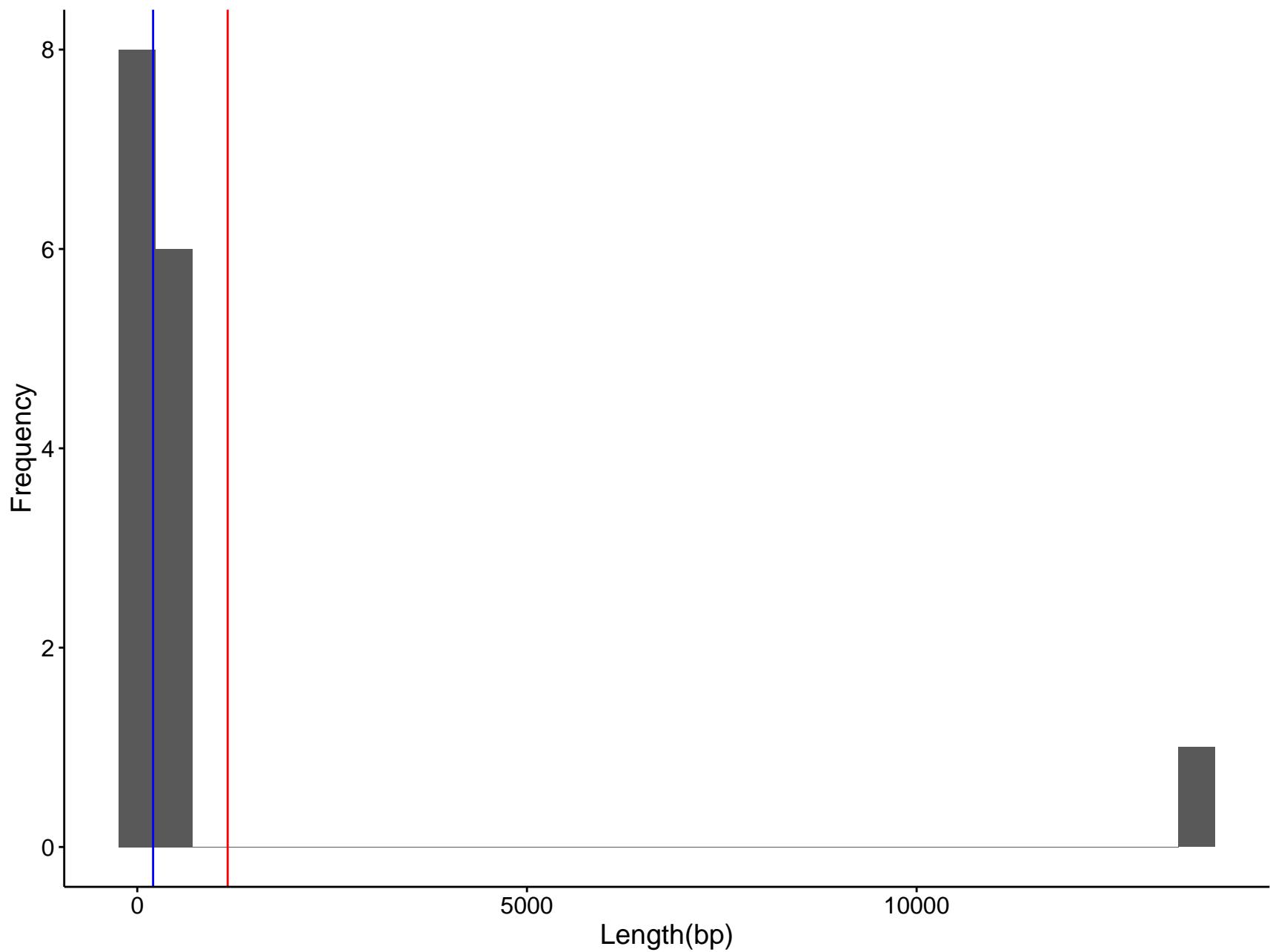
Cluster956



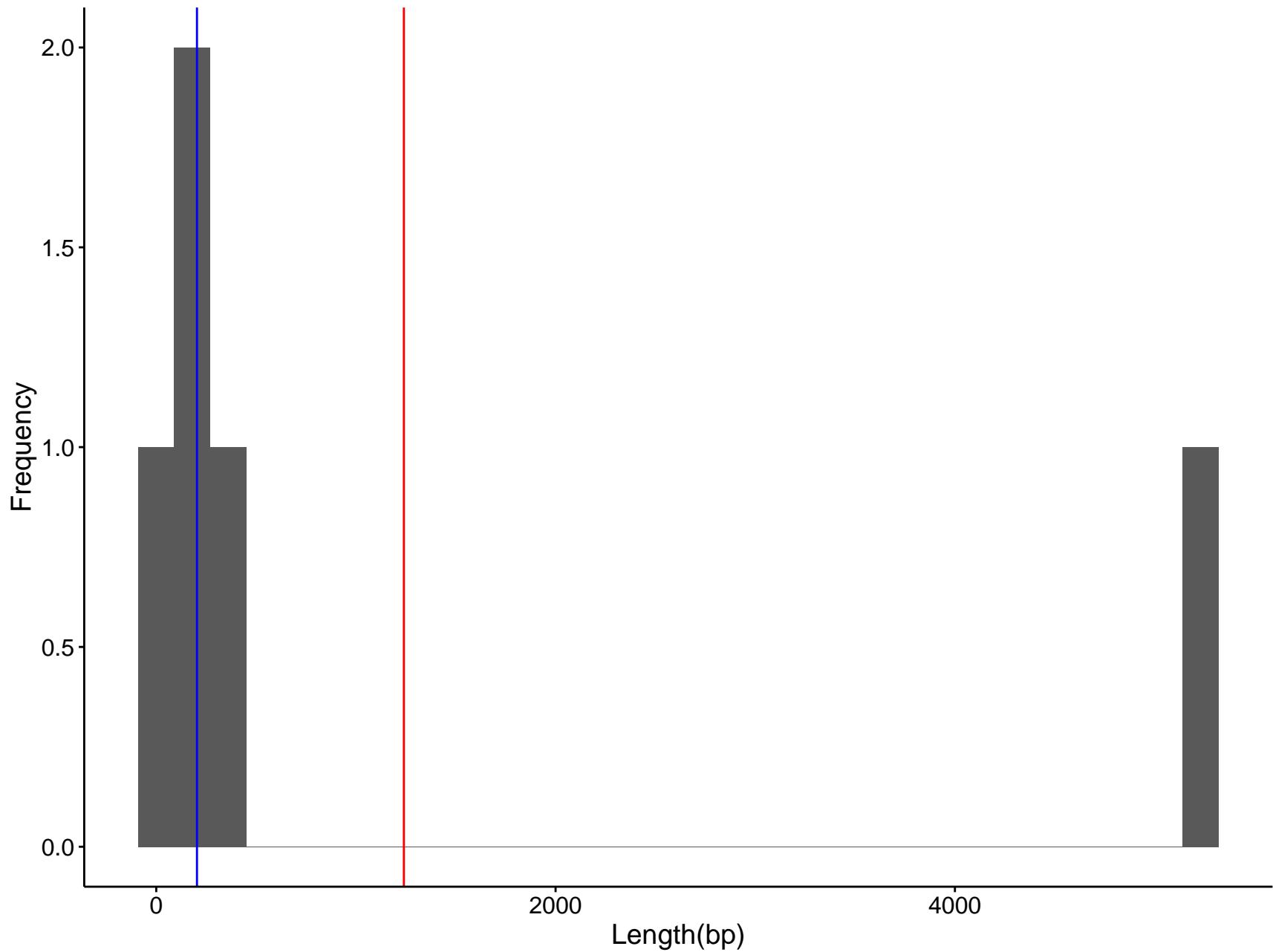
Cluster957



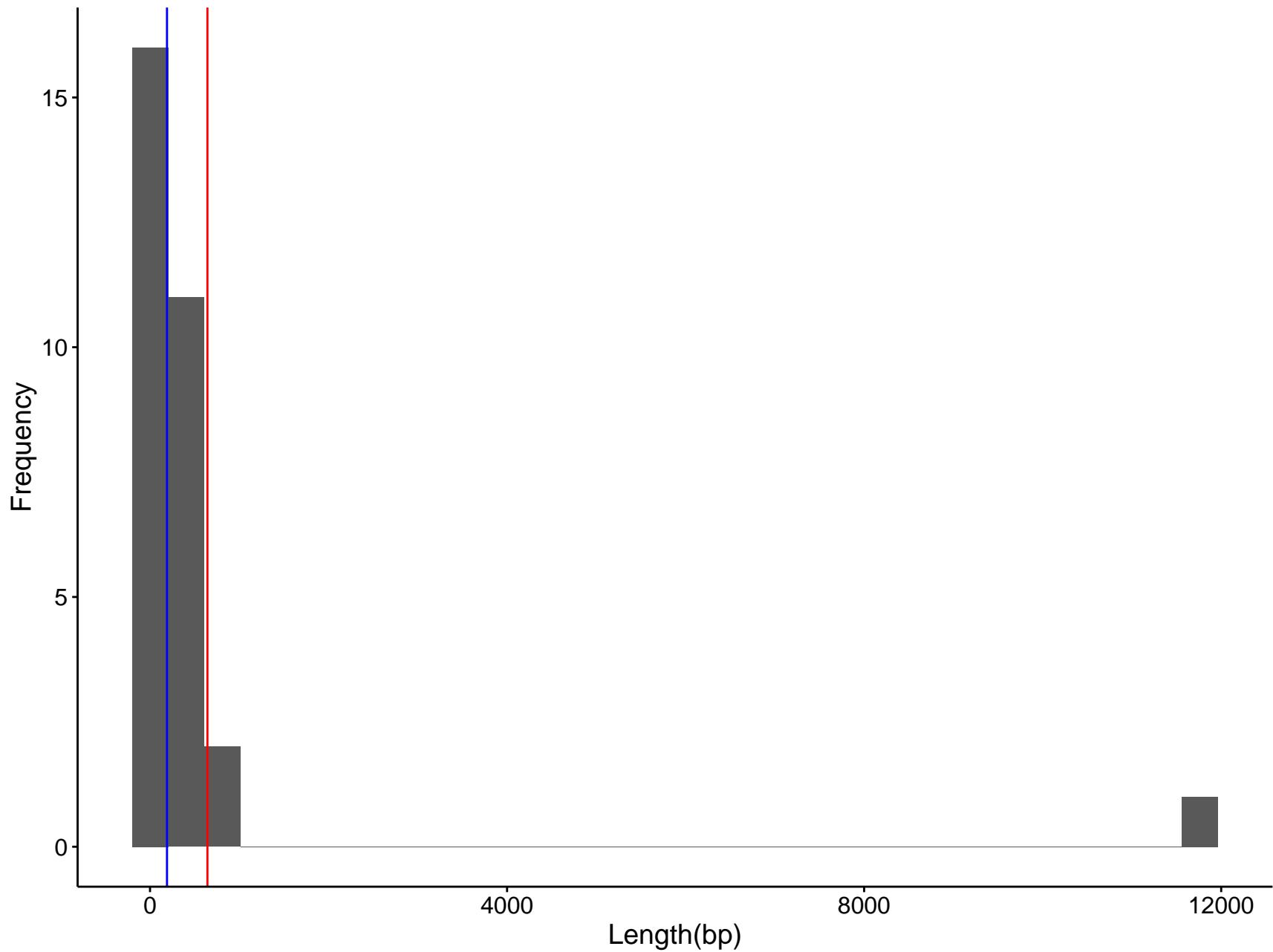
Cluster958



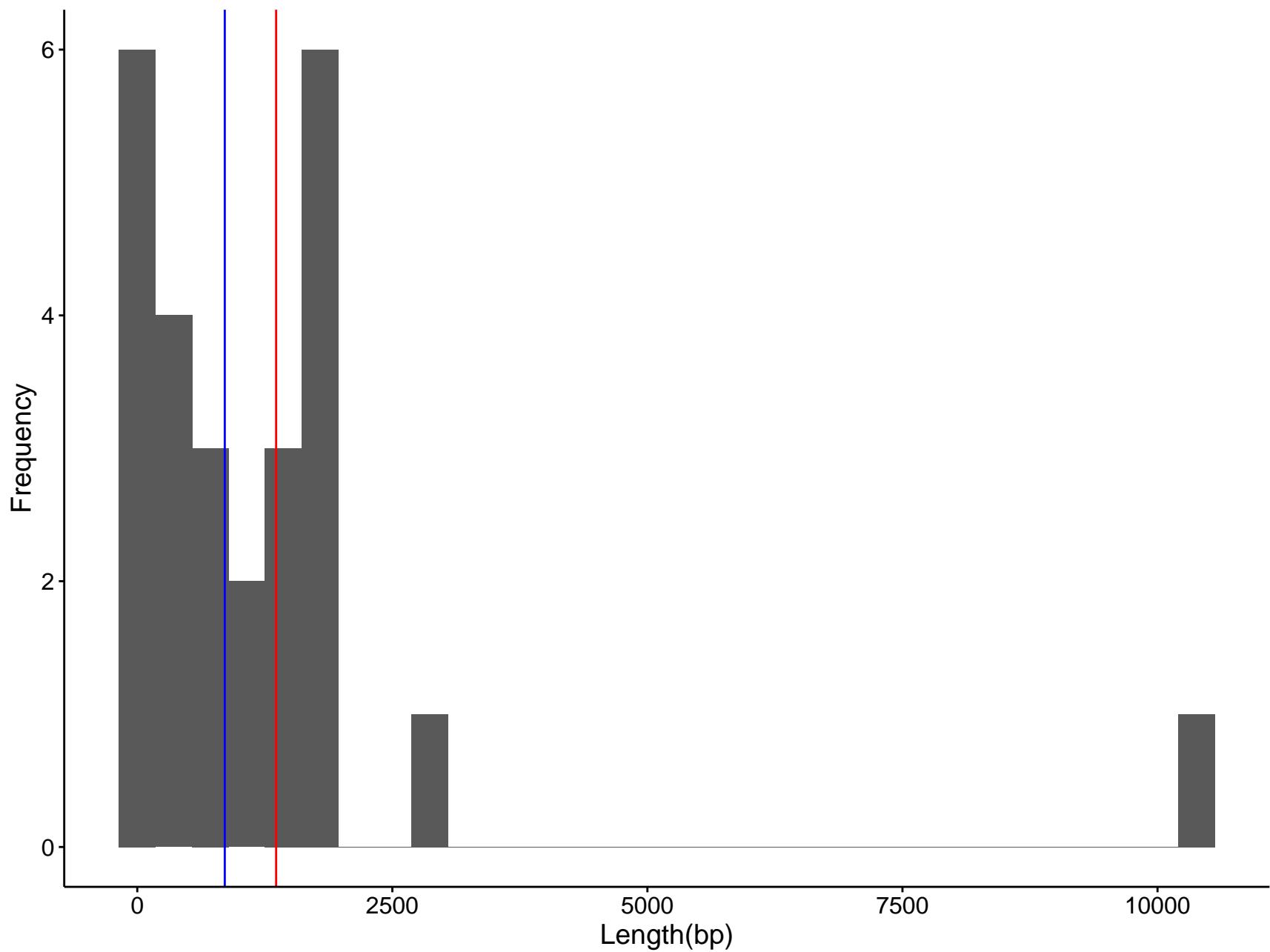
Cluster959



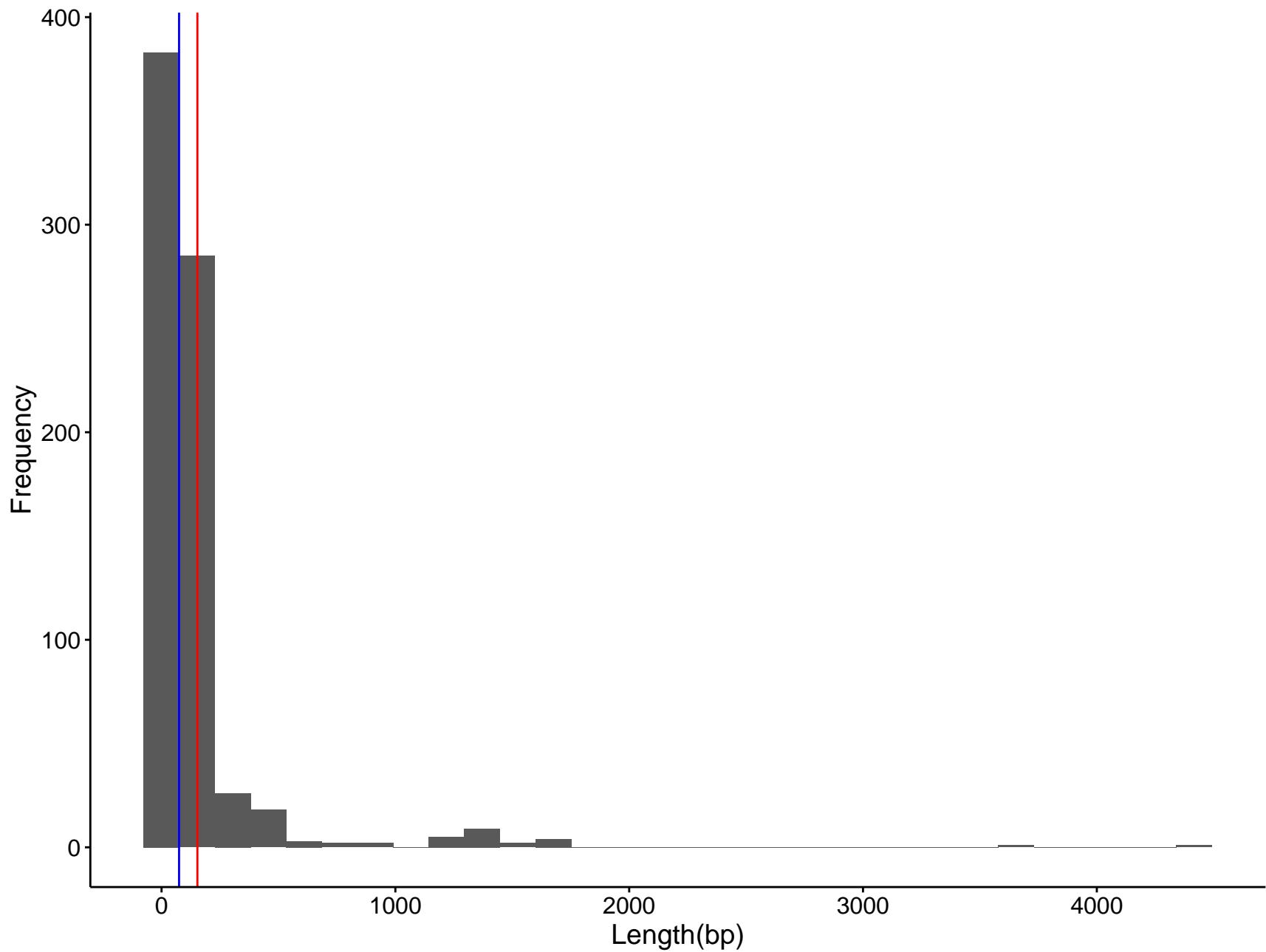
Cluster960



Cluster961



Cluster962



Cluster963

Frequency

315.950

315.975

316.000

316.025

Length(bp)



Cluster964

Frequency

138.950

138.975

139.000

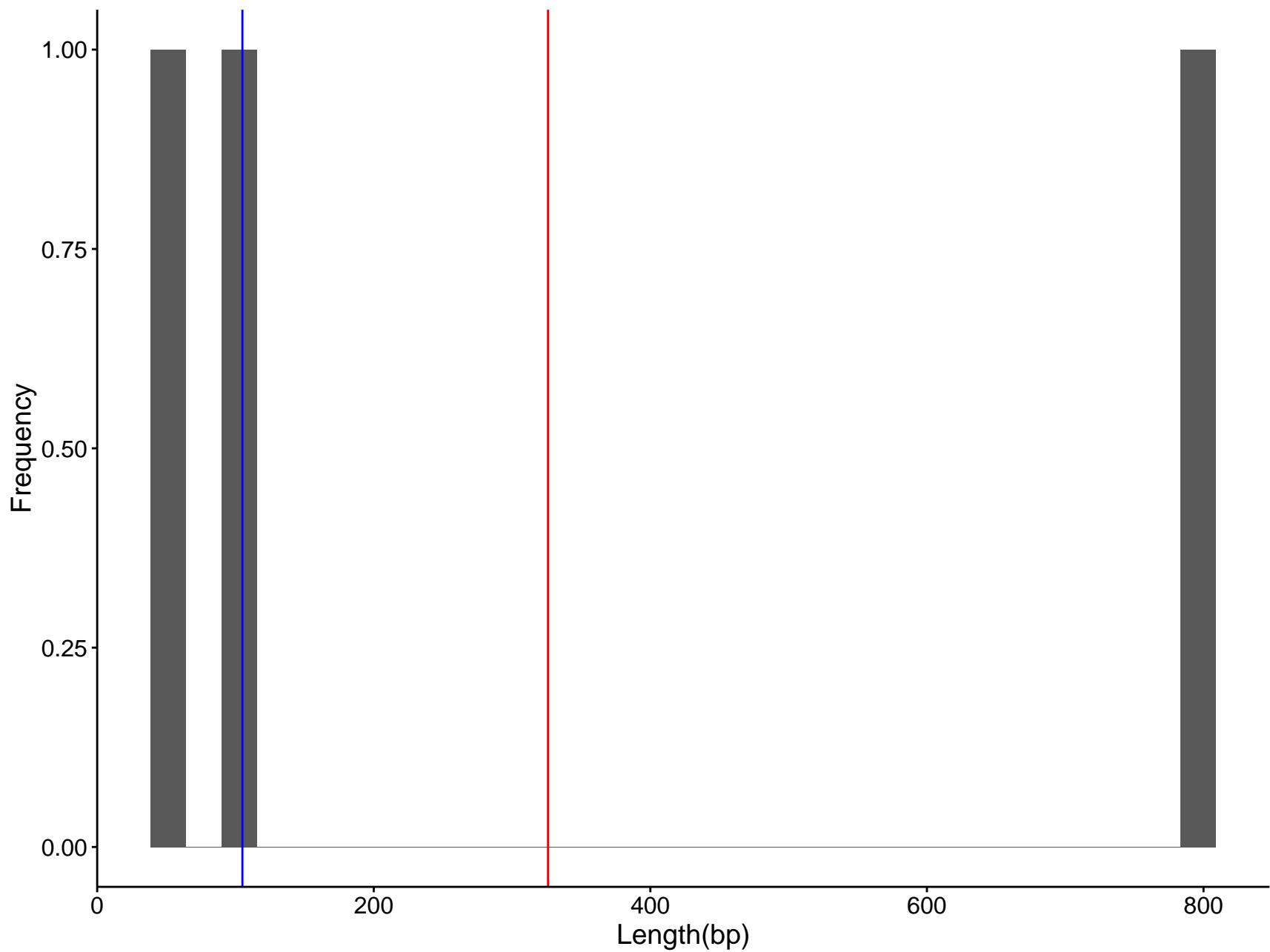
139.025

139.050

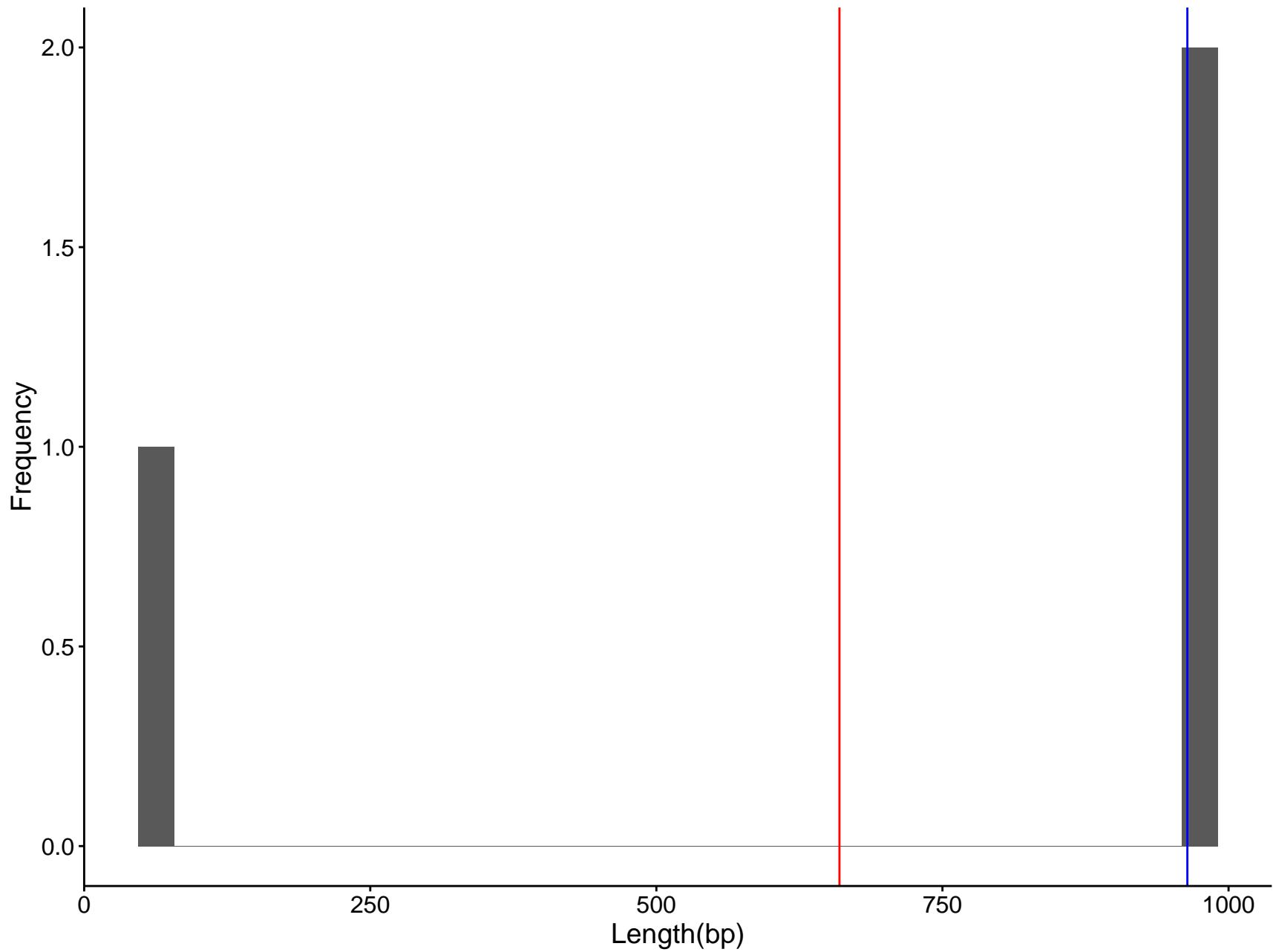
Length(bp)



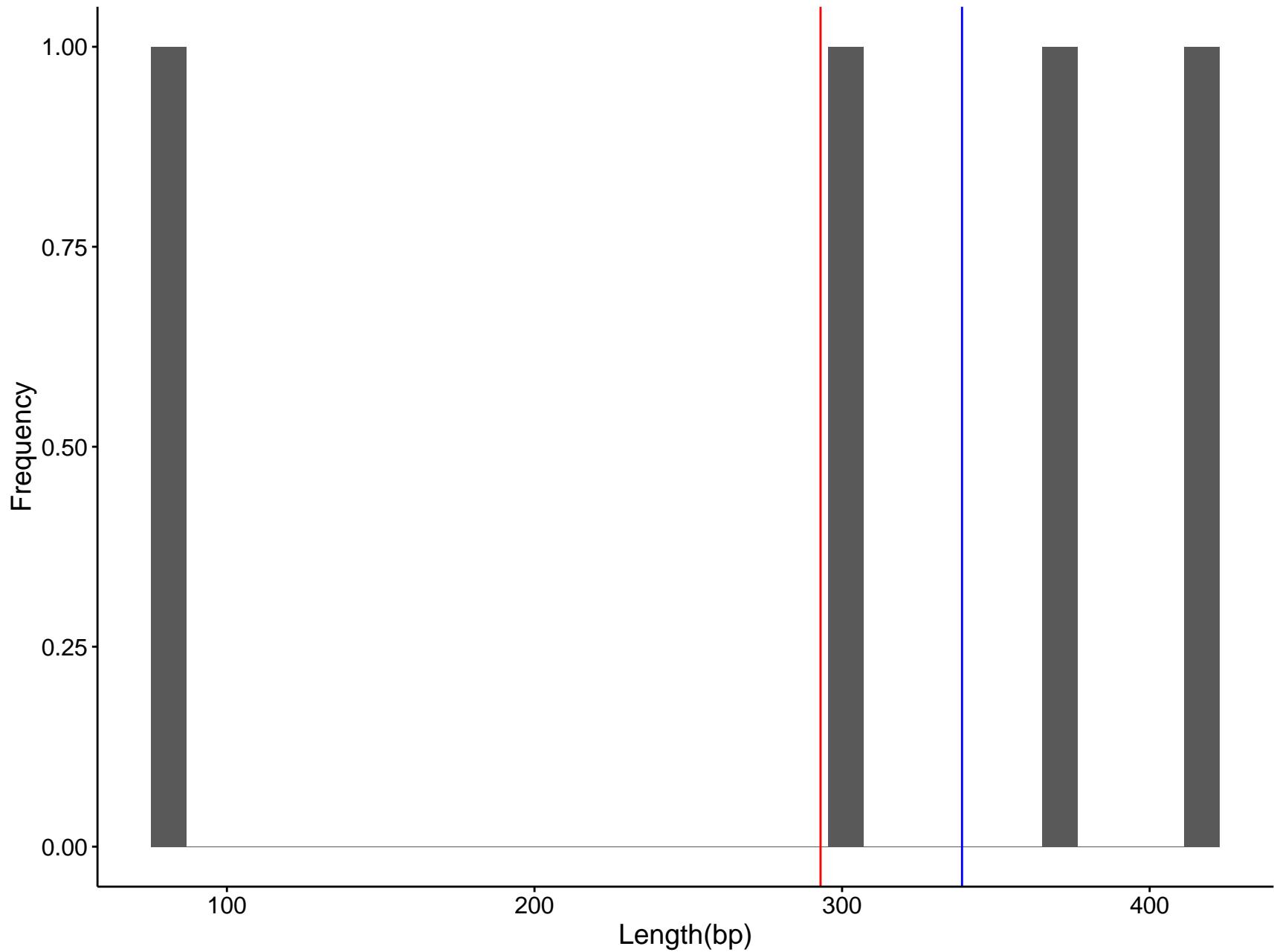
Cluster965



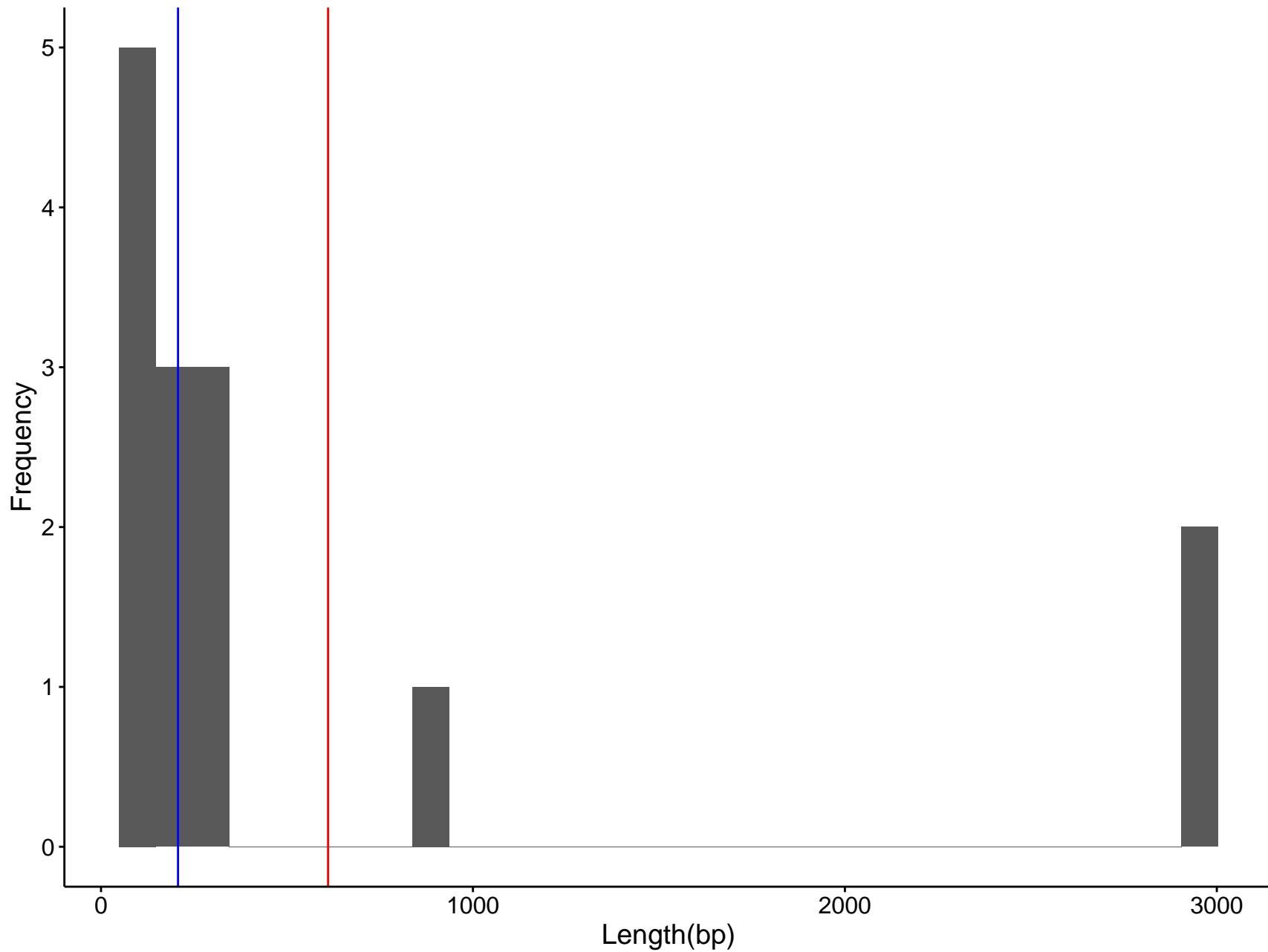
Cluster967



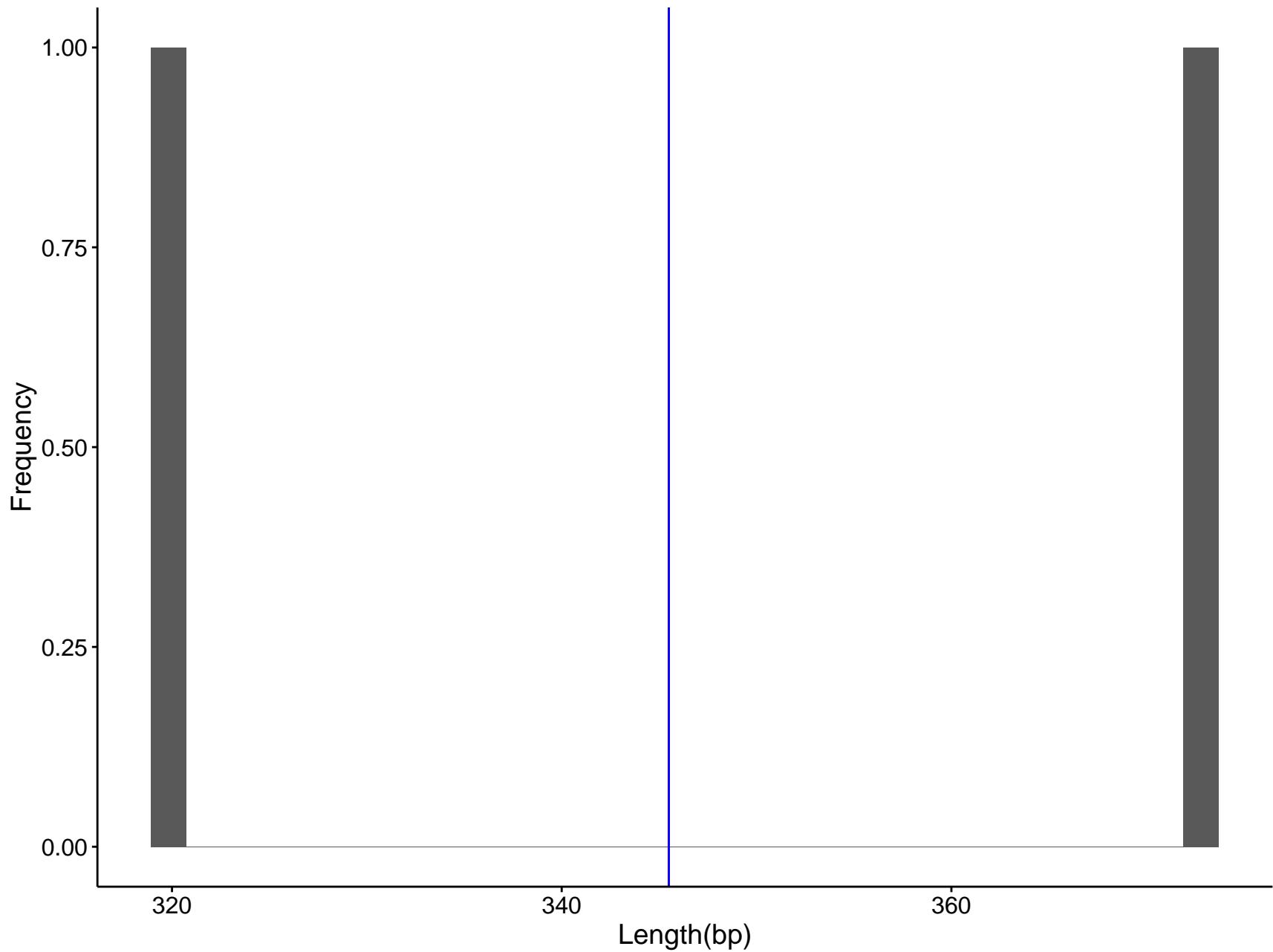
Cluster96



Cluster970



Cluster971



Cluster973

Frequency

553.950

553.975

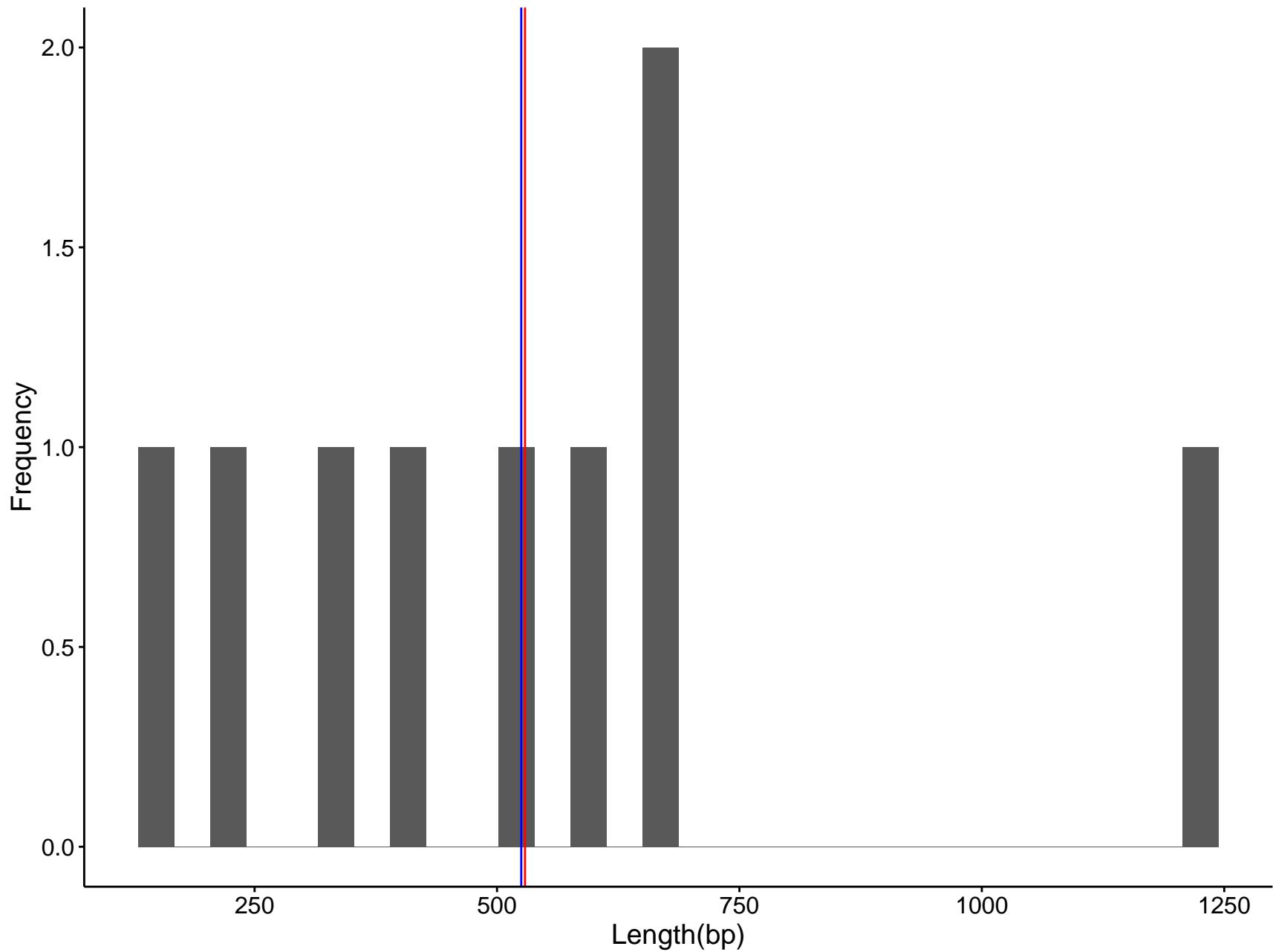
554.000

554.025

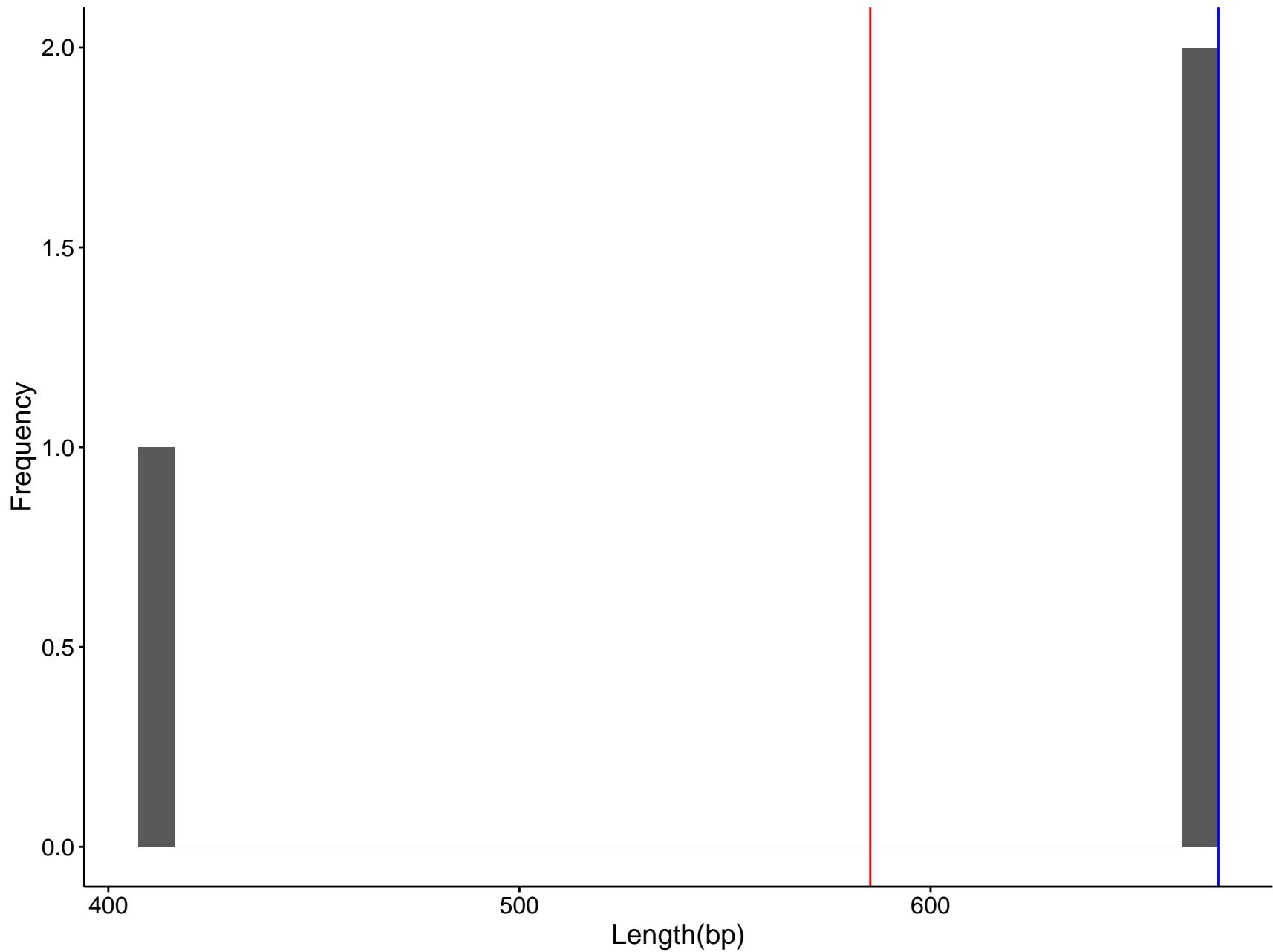
Length(bp)



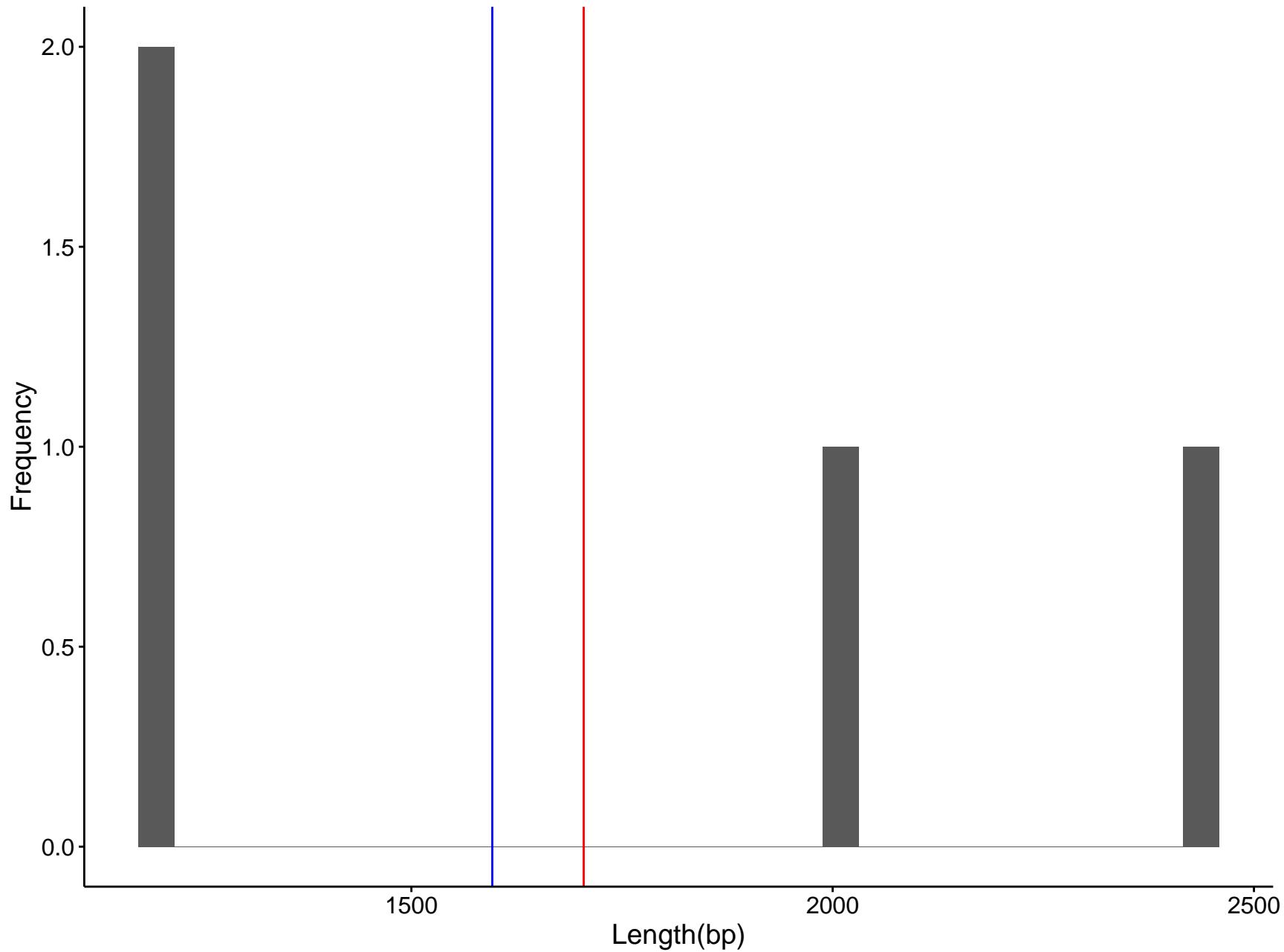
Cluster975



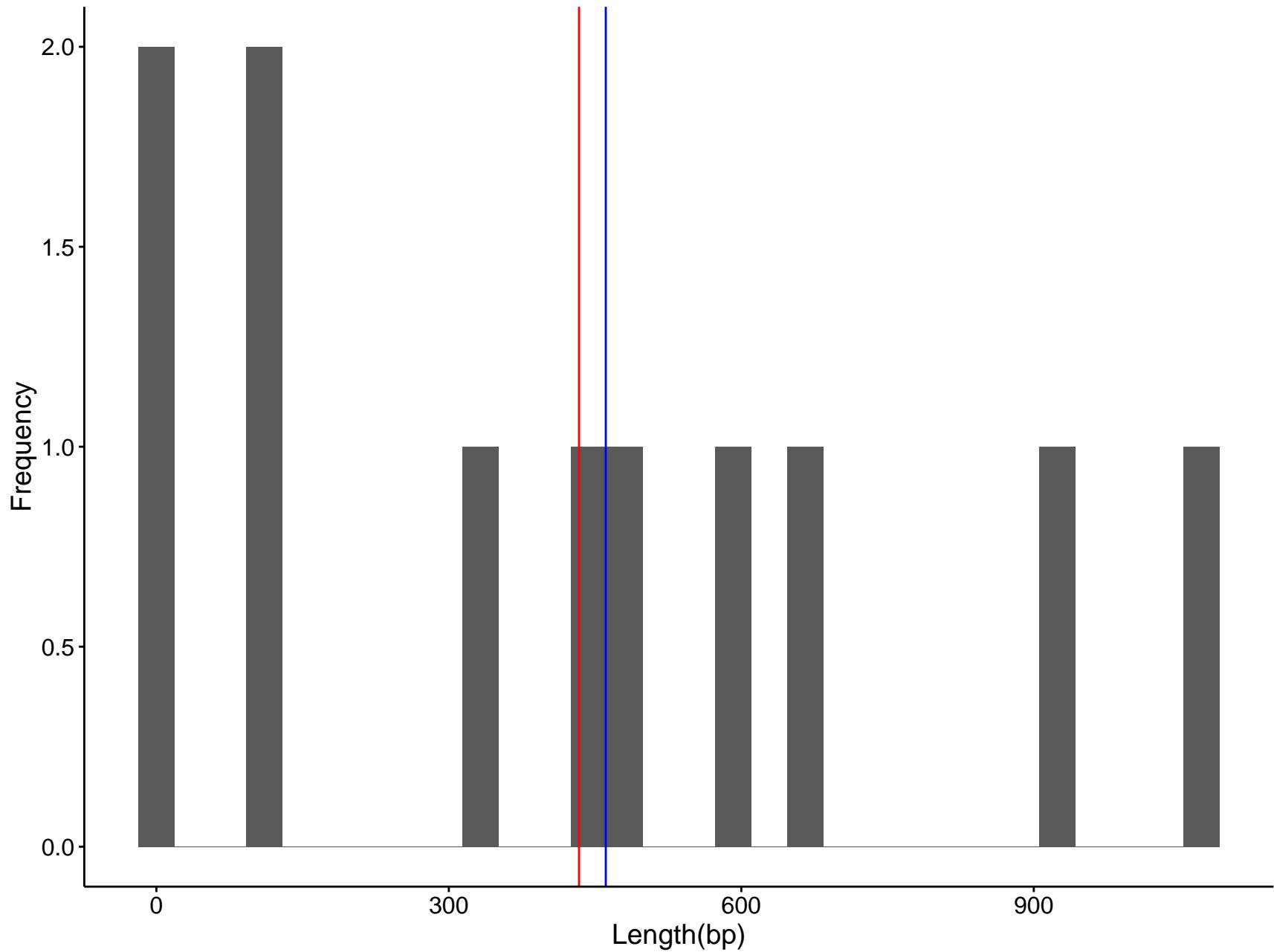
Cluster977



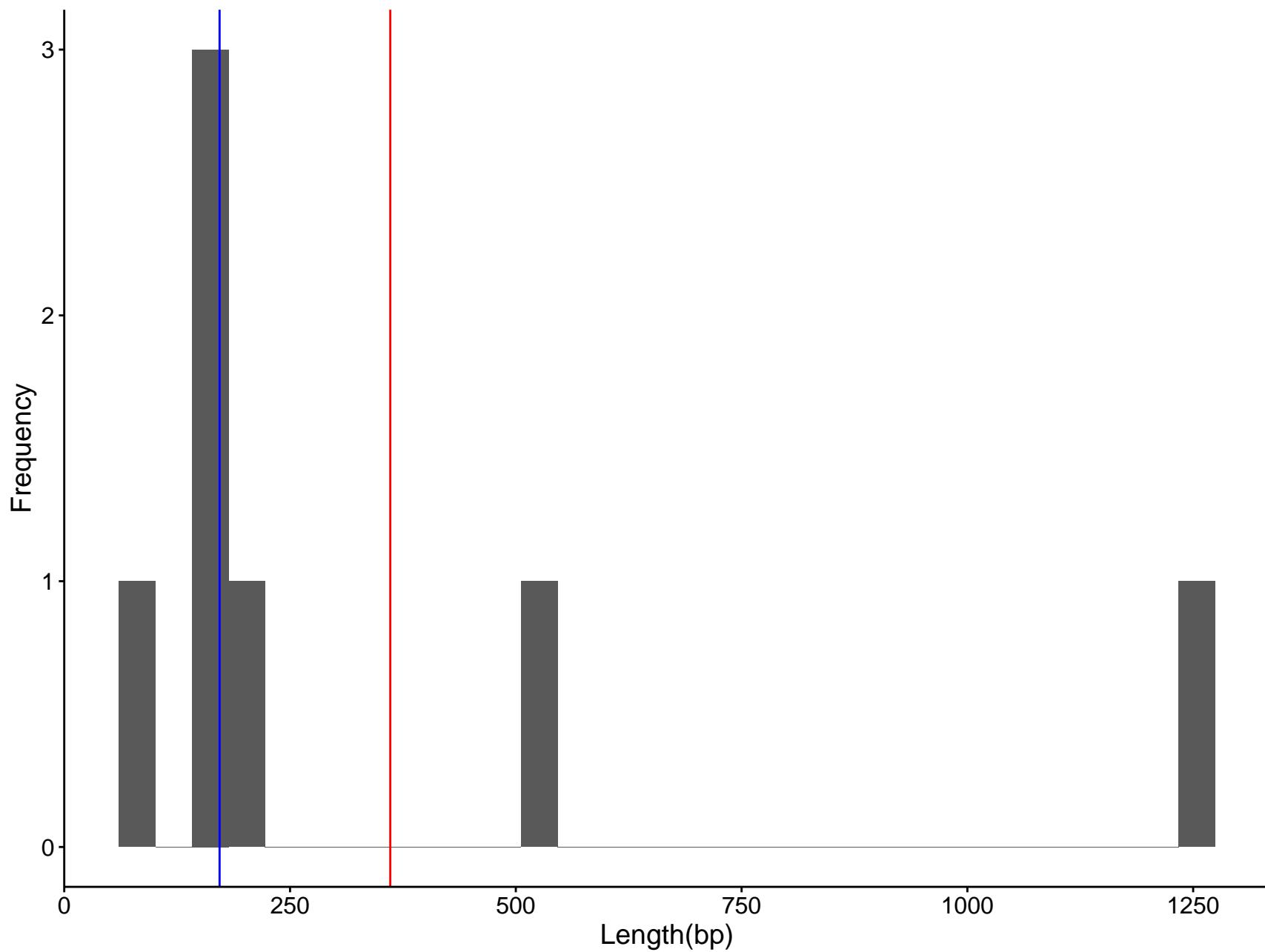
Cluster978



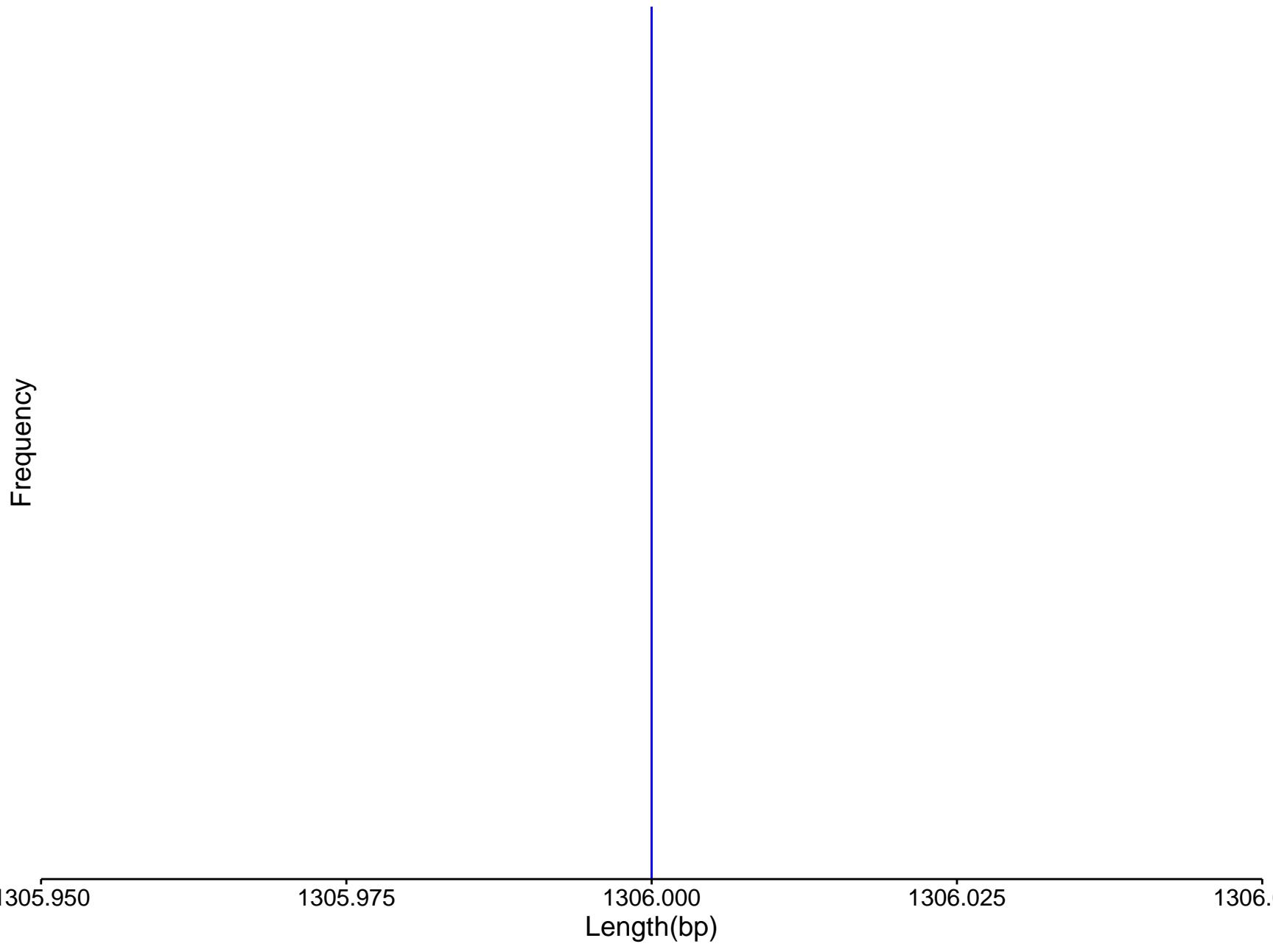
Cluster981



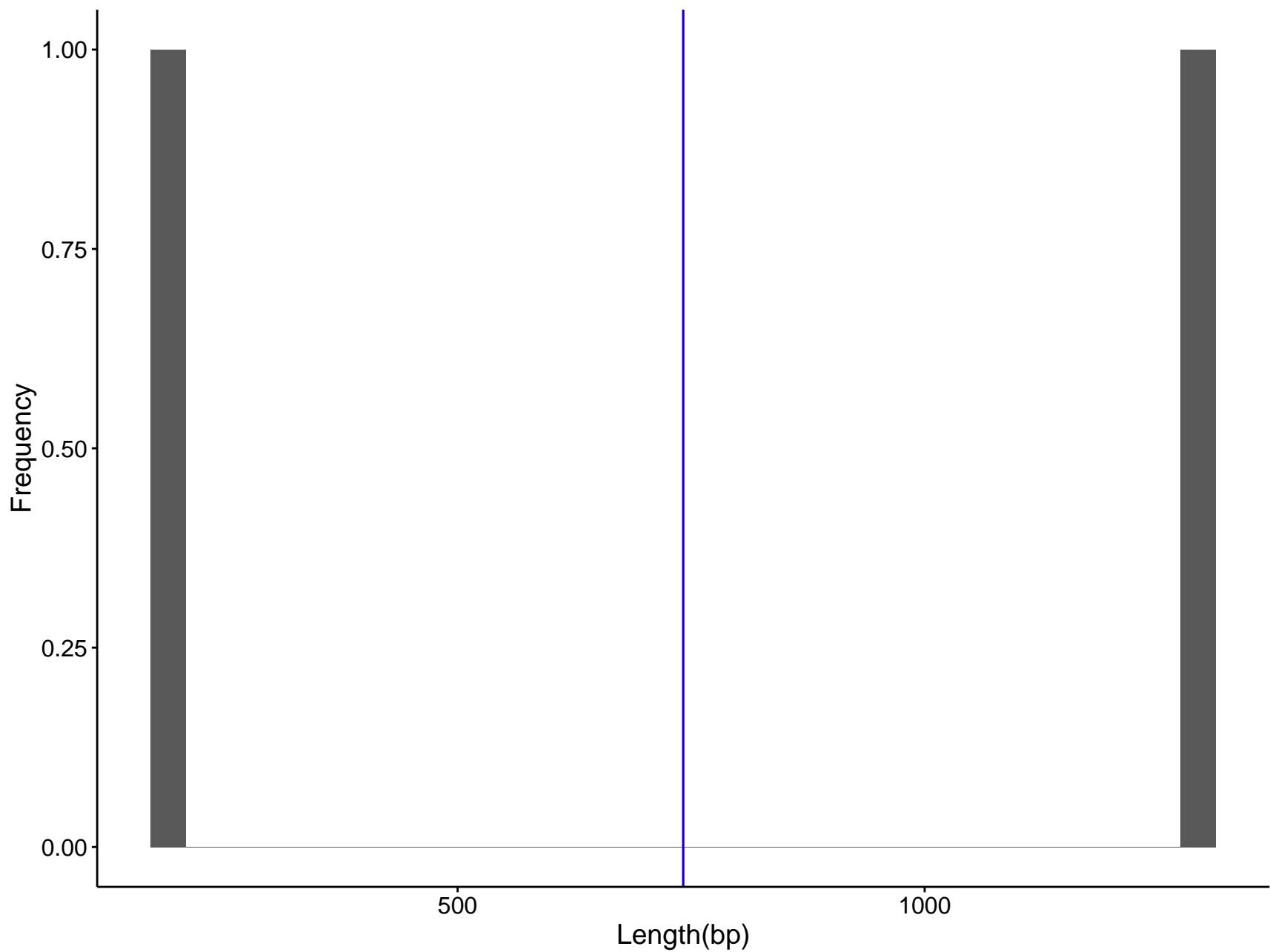
Cluster985



Cluster986



Cluster987



Cluster989

Frequency

539.950

539.975

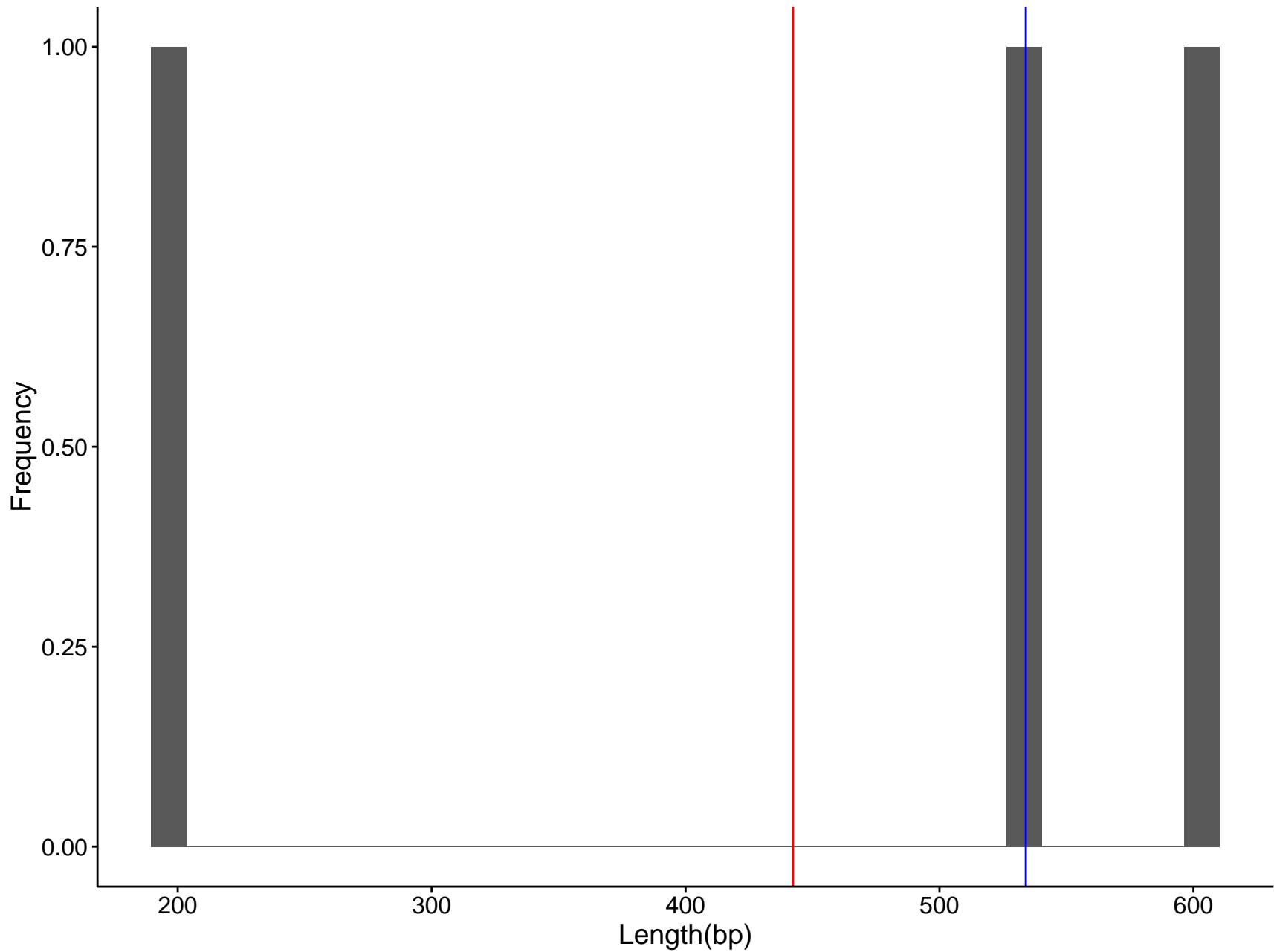
540.000

540.025

Length(bp)



Cluster98



Cluster990

Frequency

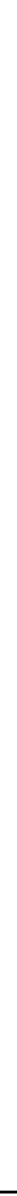
408.950

408.975

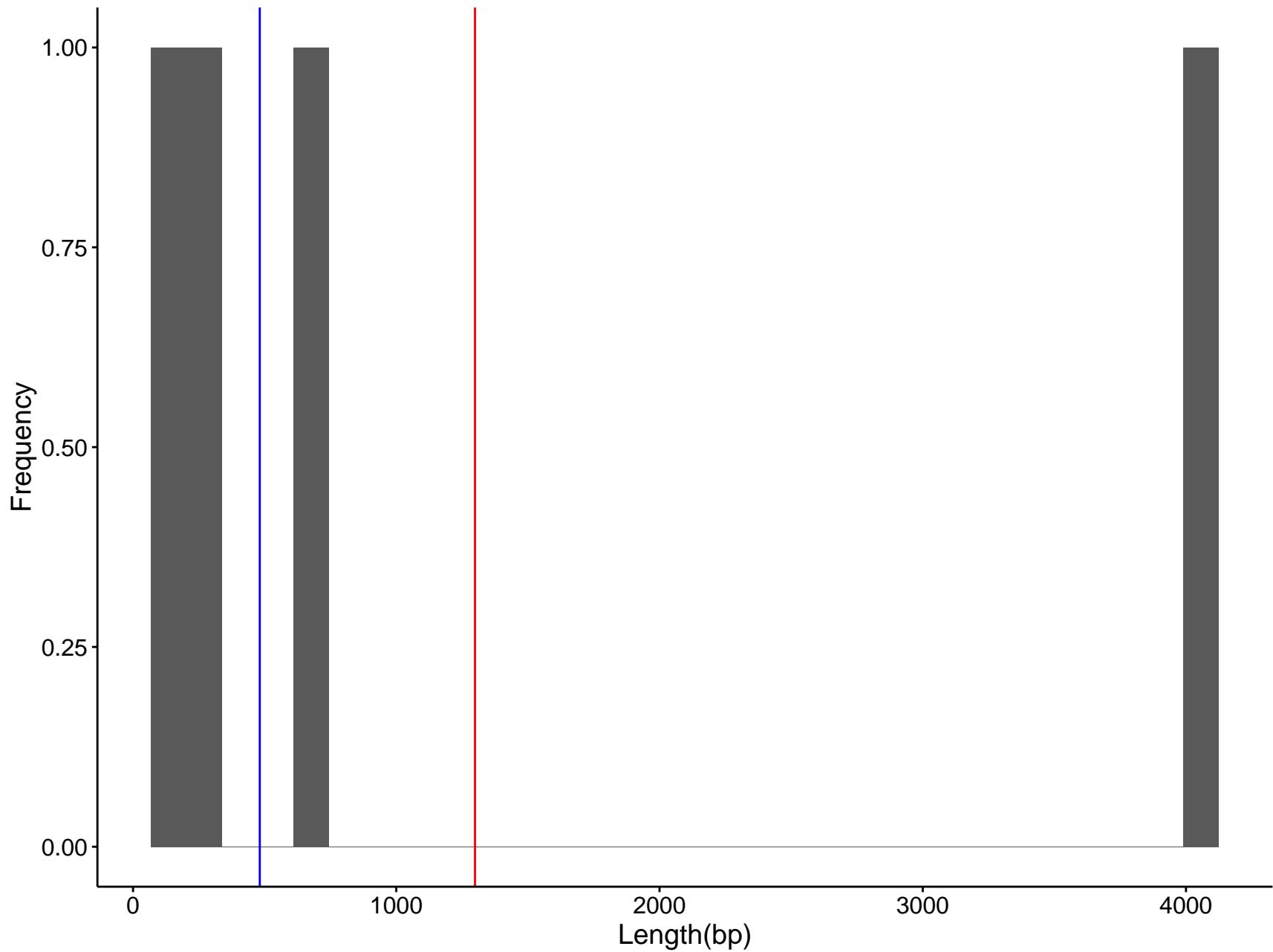
409.000

409.025

Length(bp)



Cluster991



Cluster995

Frequency

954.950

954.975

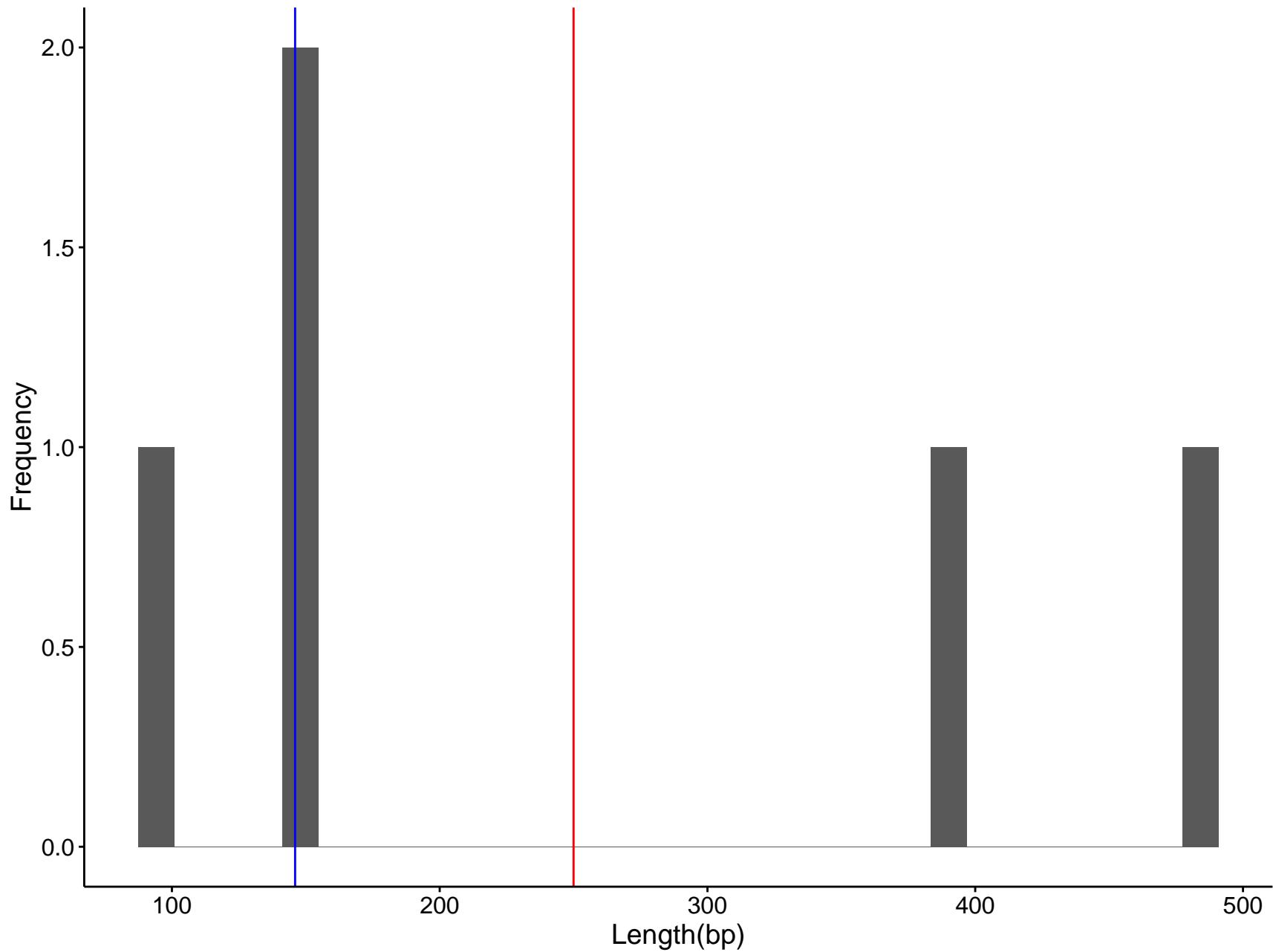
955.000

955.025

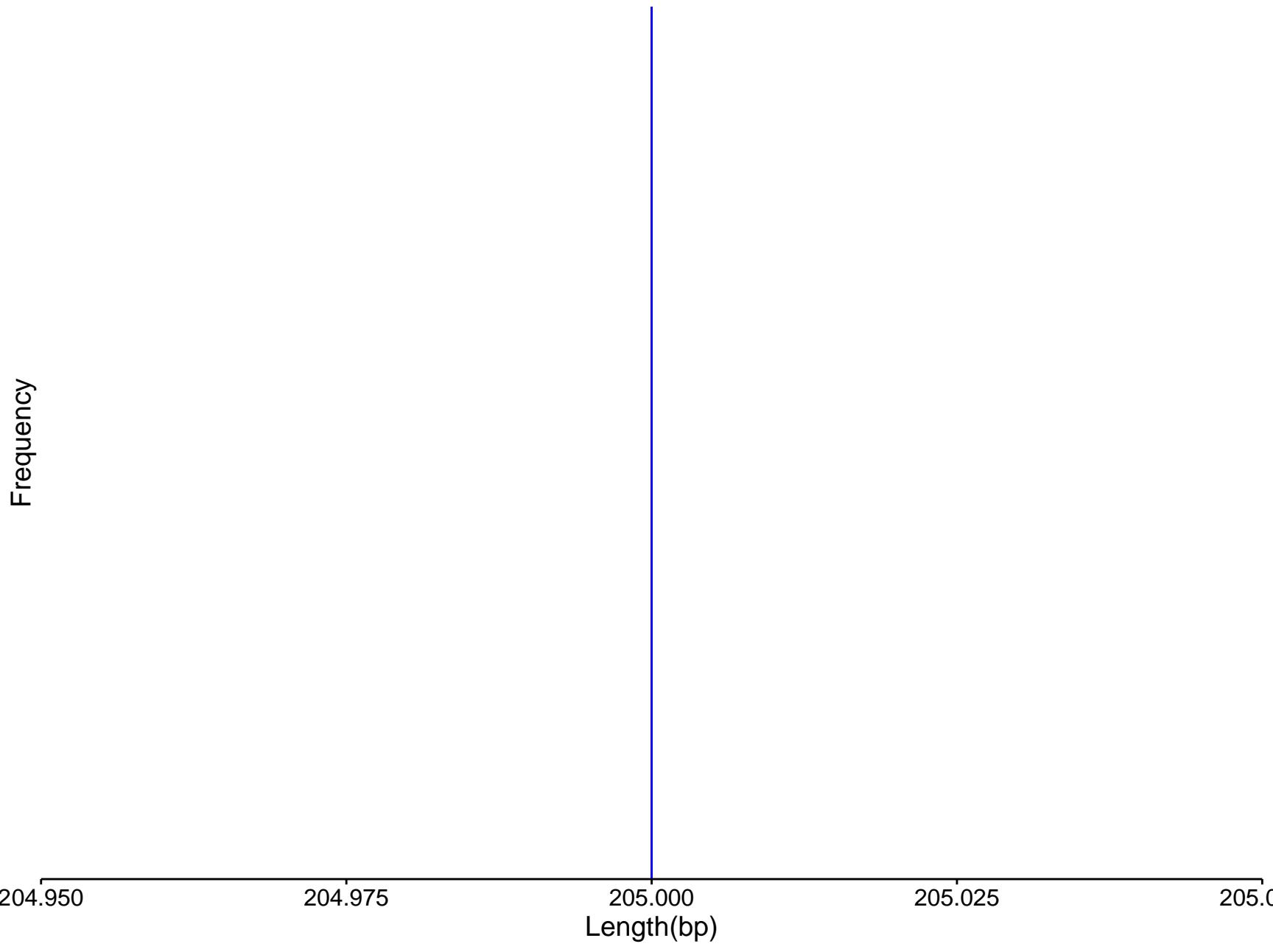
Length(bp)



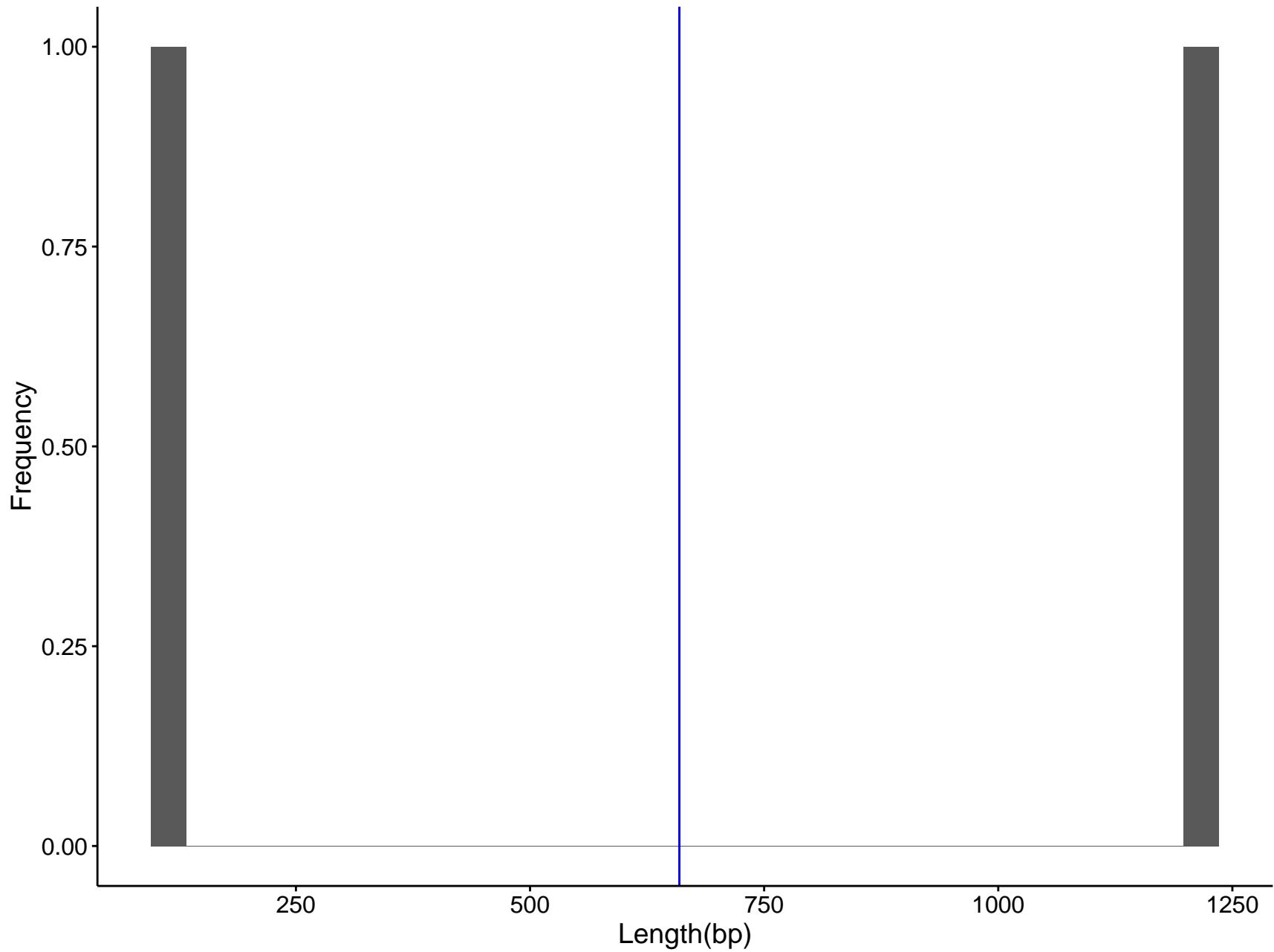
Cluster997



Cluster998



Cluster99



Cluster9

