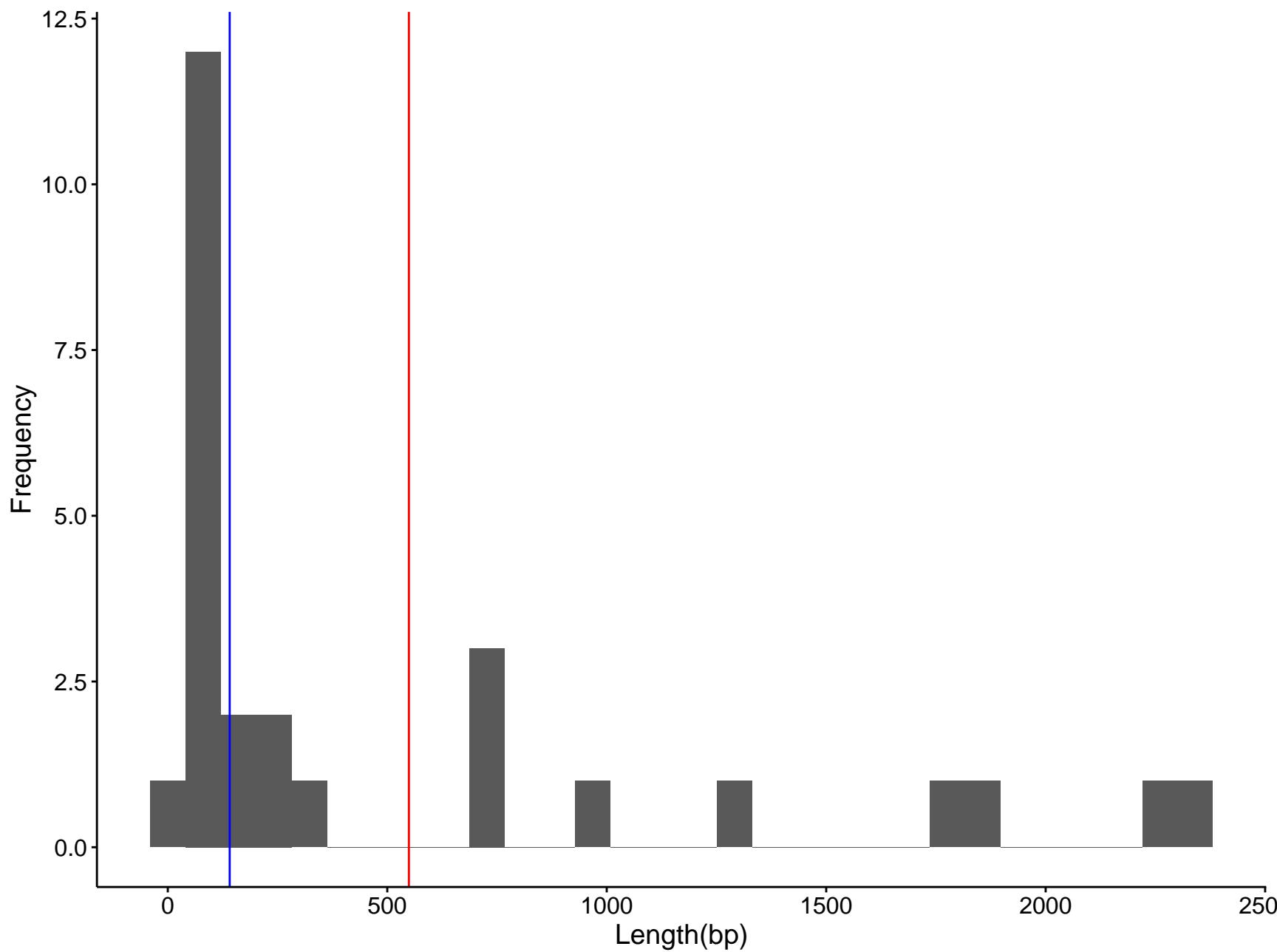
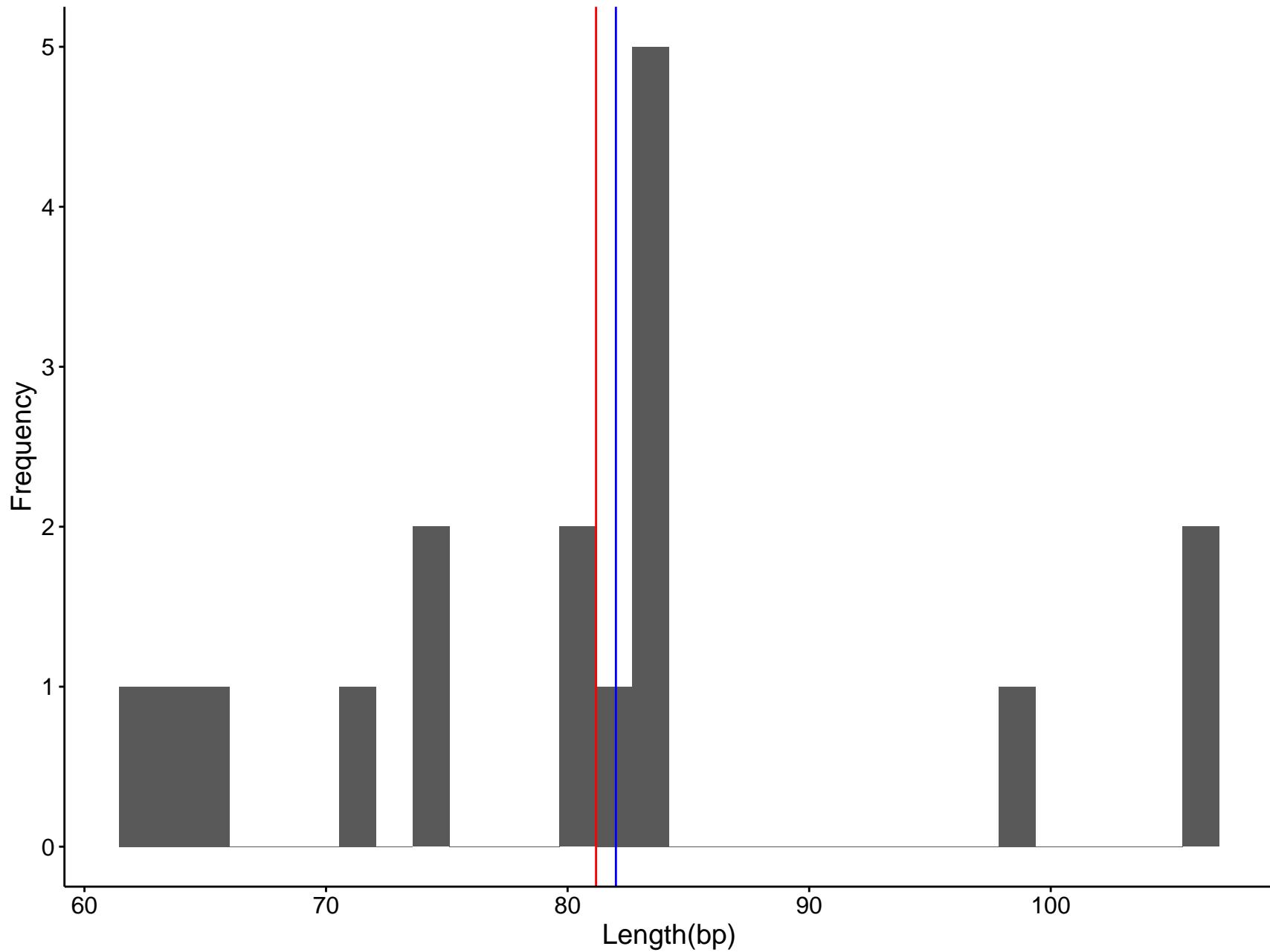


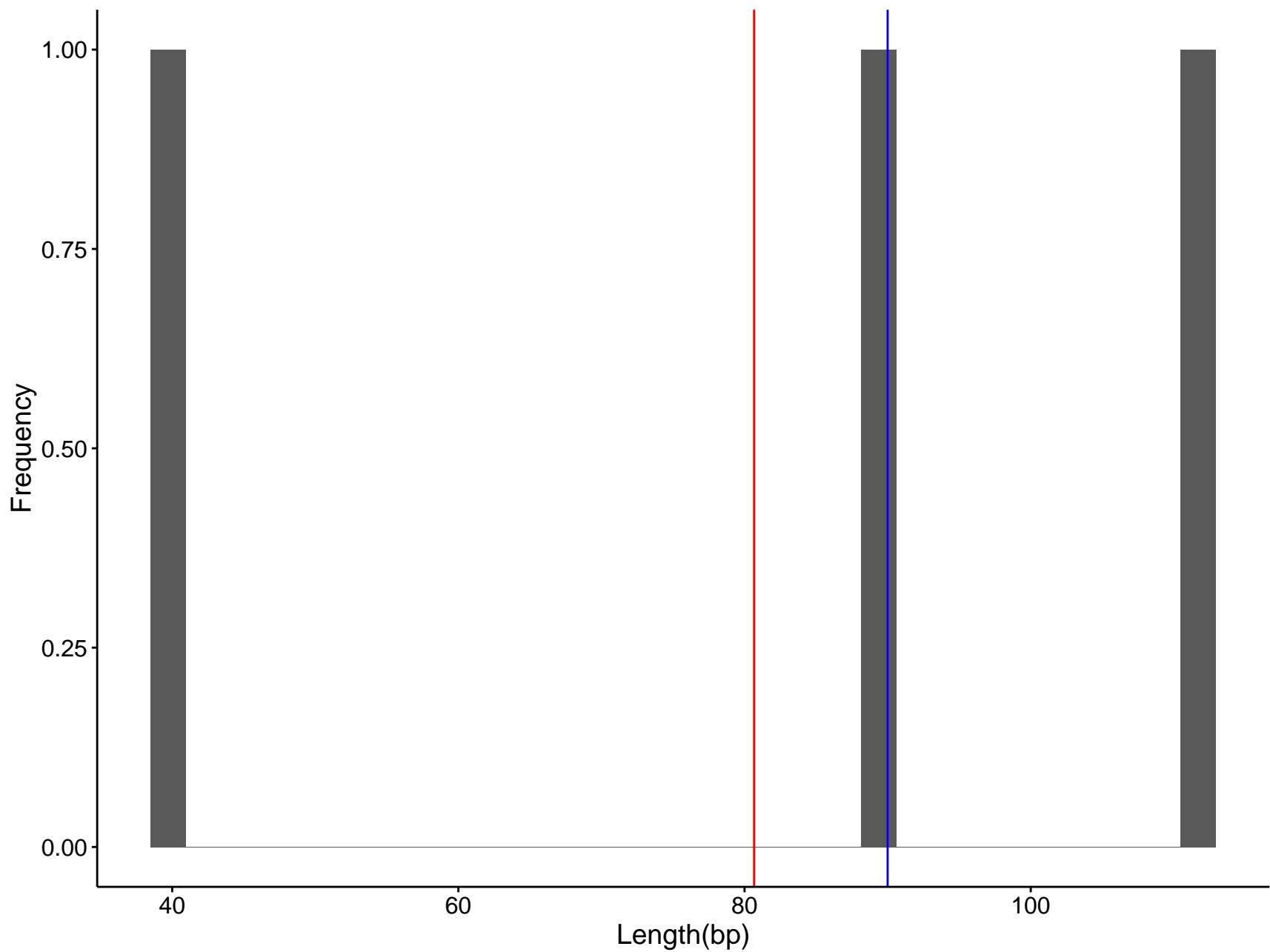
Cluster1001



Cluster1005



Cluster1006



Cluster1007

Frequency

44.950

44.975

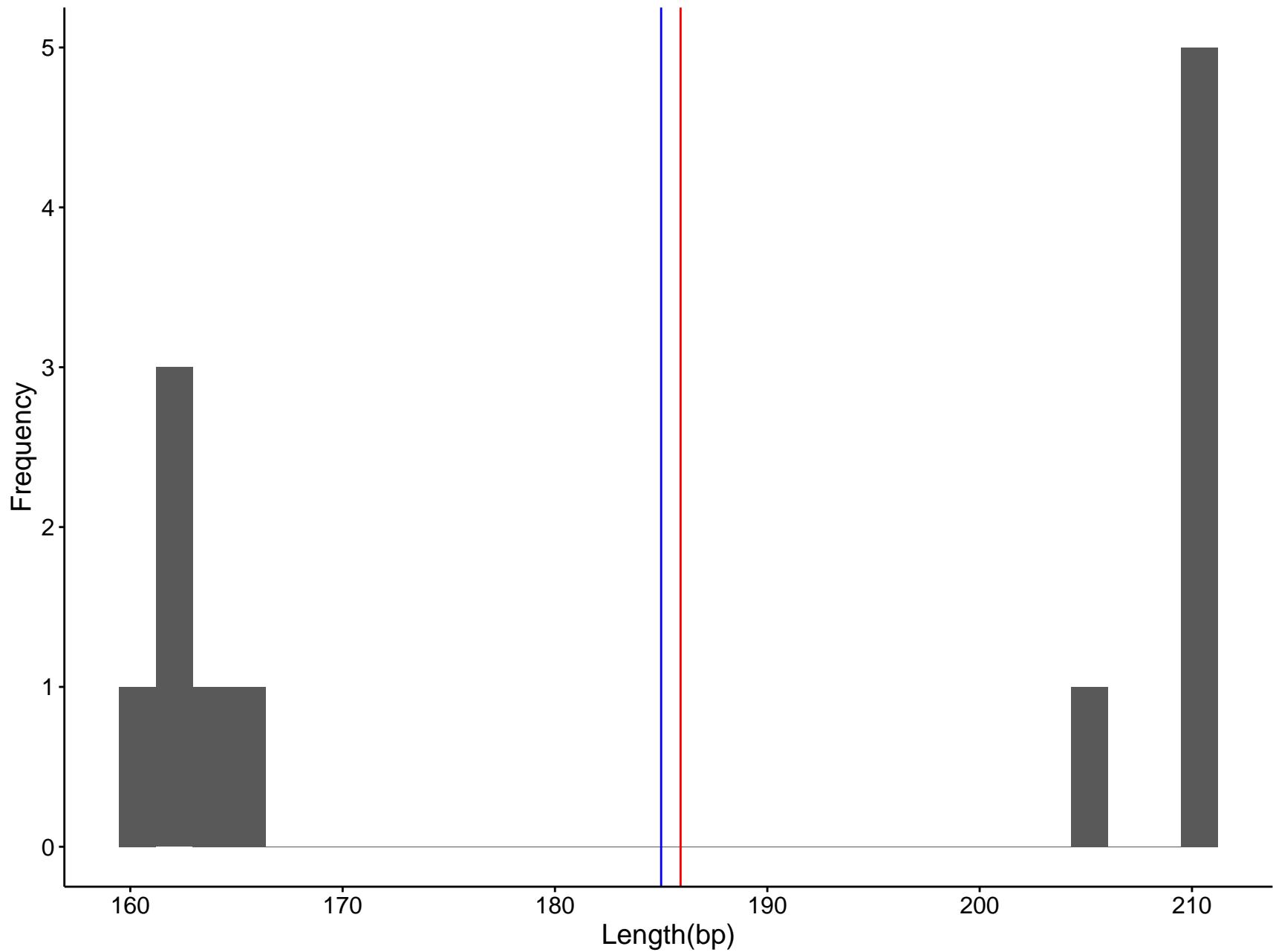
45.000

45.025

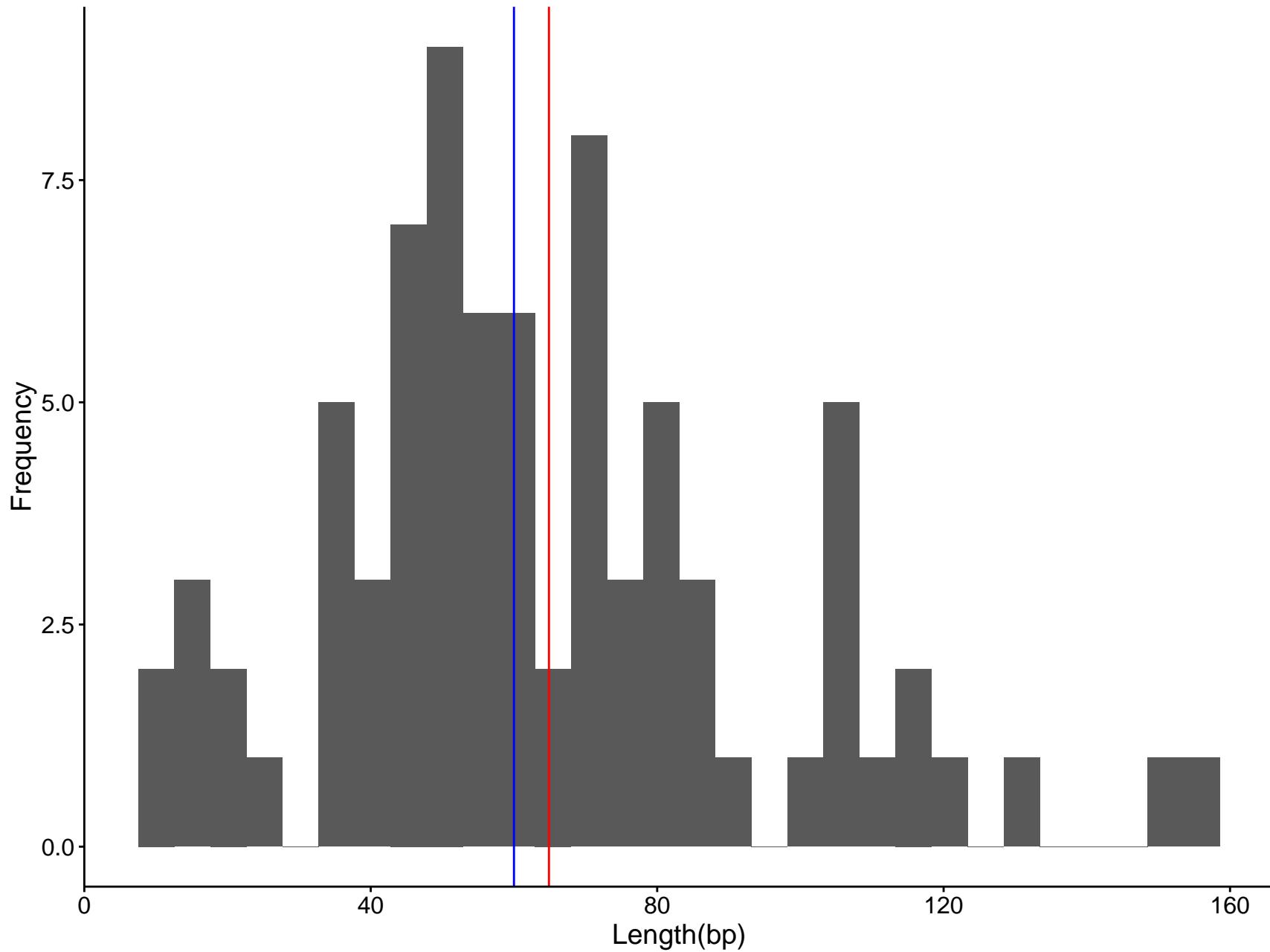
Length(bp)



Cluster100



Cluster1011



Cluster1012

Frequency

89.950

89.975

90.000

90.025

90.0

Length(bp)



Cluster1013

Frequency

78.950

78.975

79.000

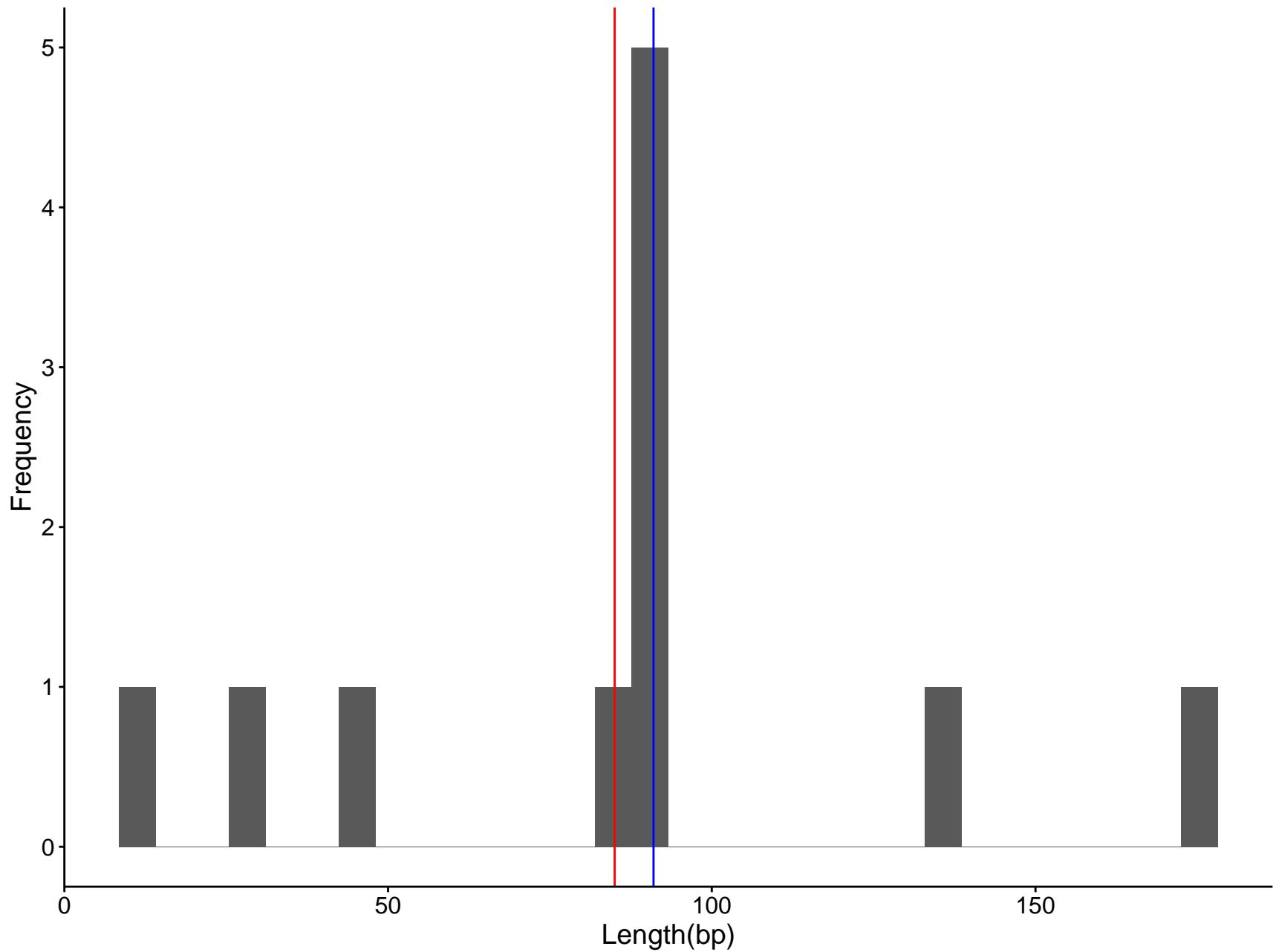
79.025

79.0

Length(bp)



Cluster1015



Cluster1016

Frequency

48.950

48.975

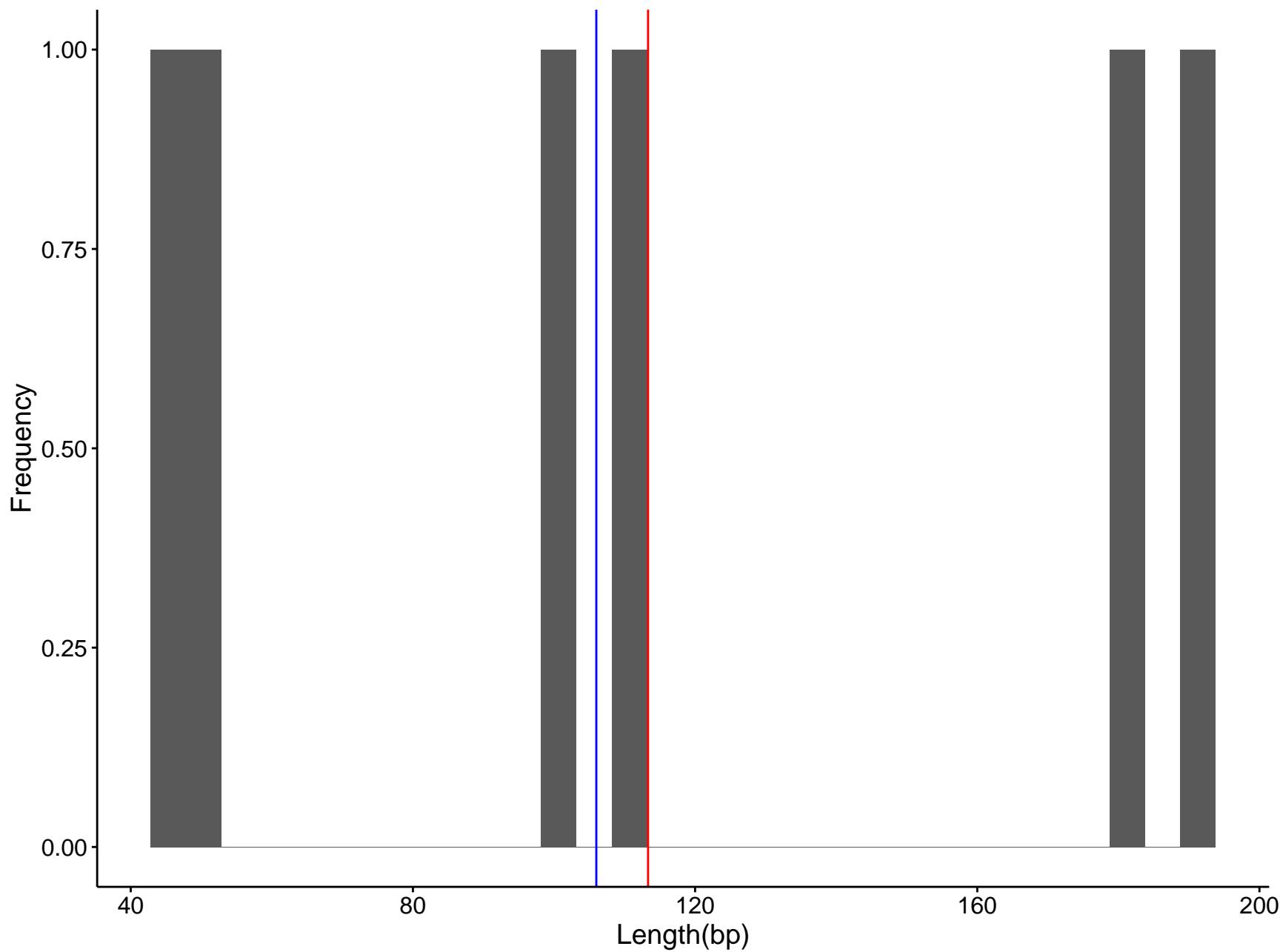
49.000

49.025

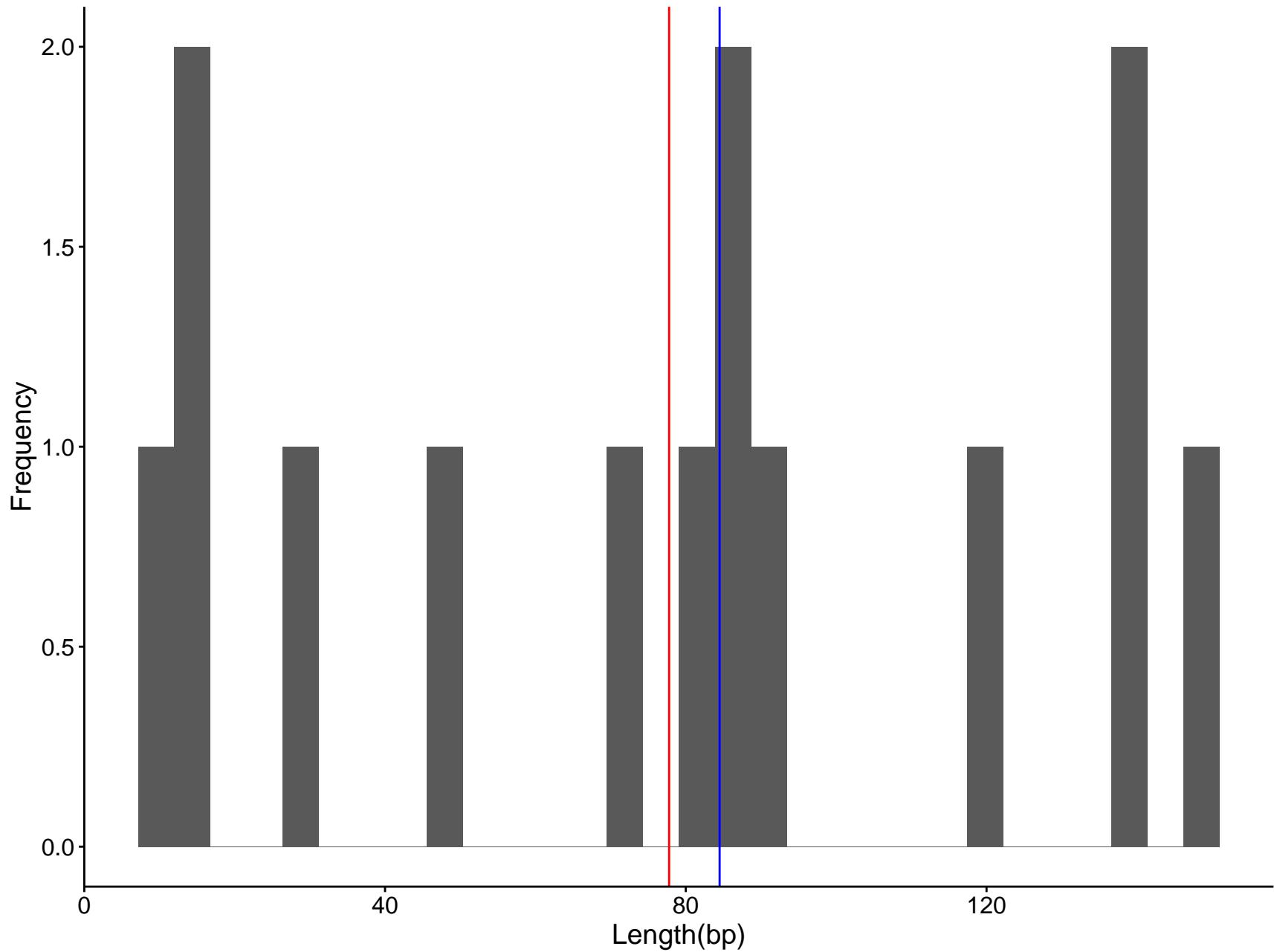
Length(bp)



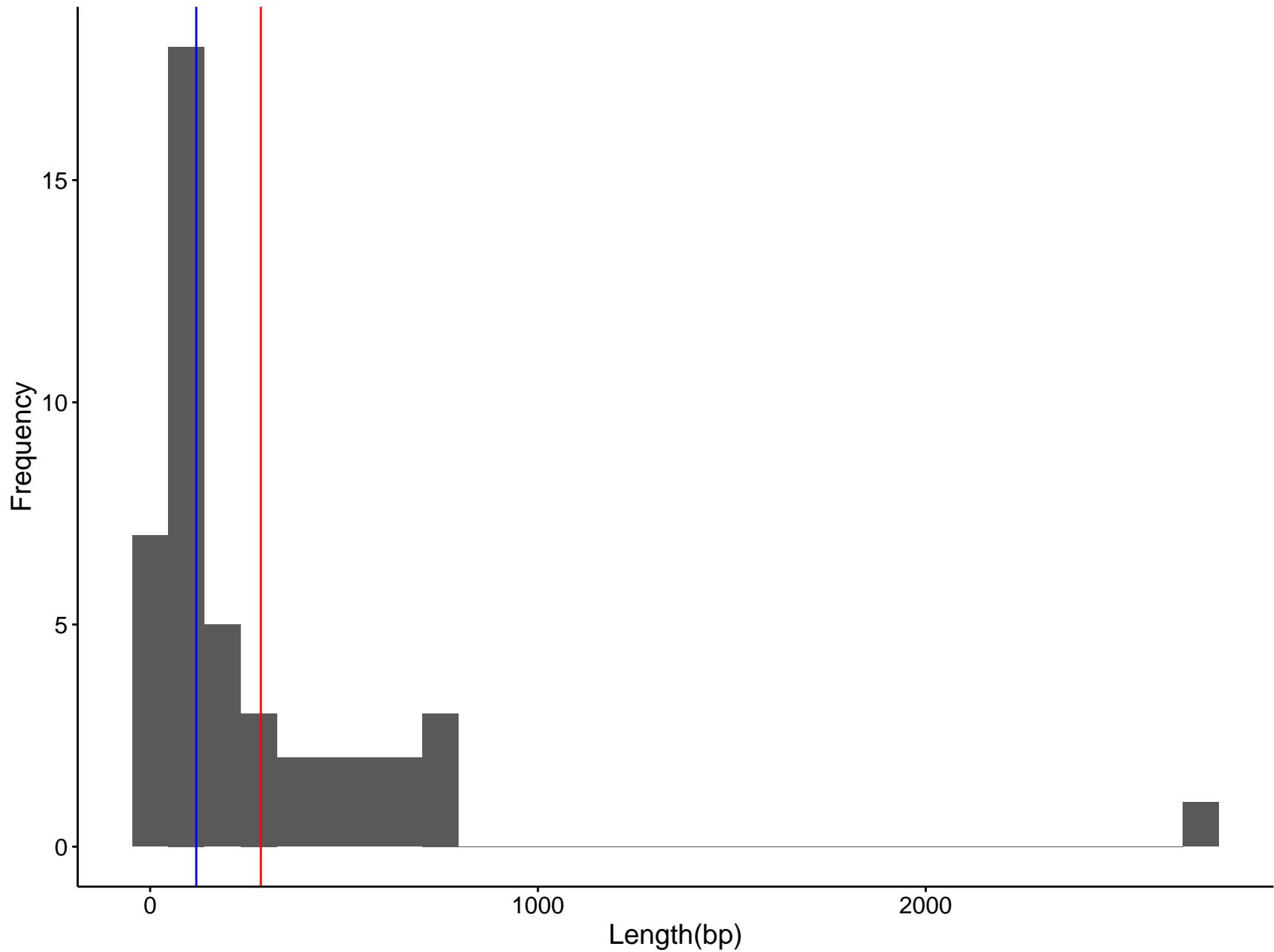
Cluster1021



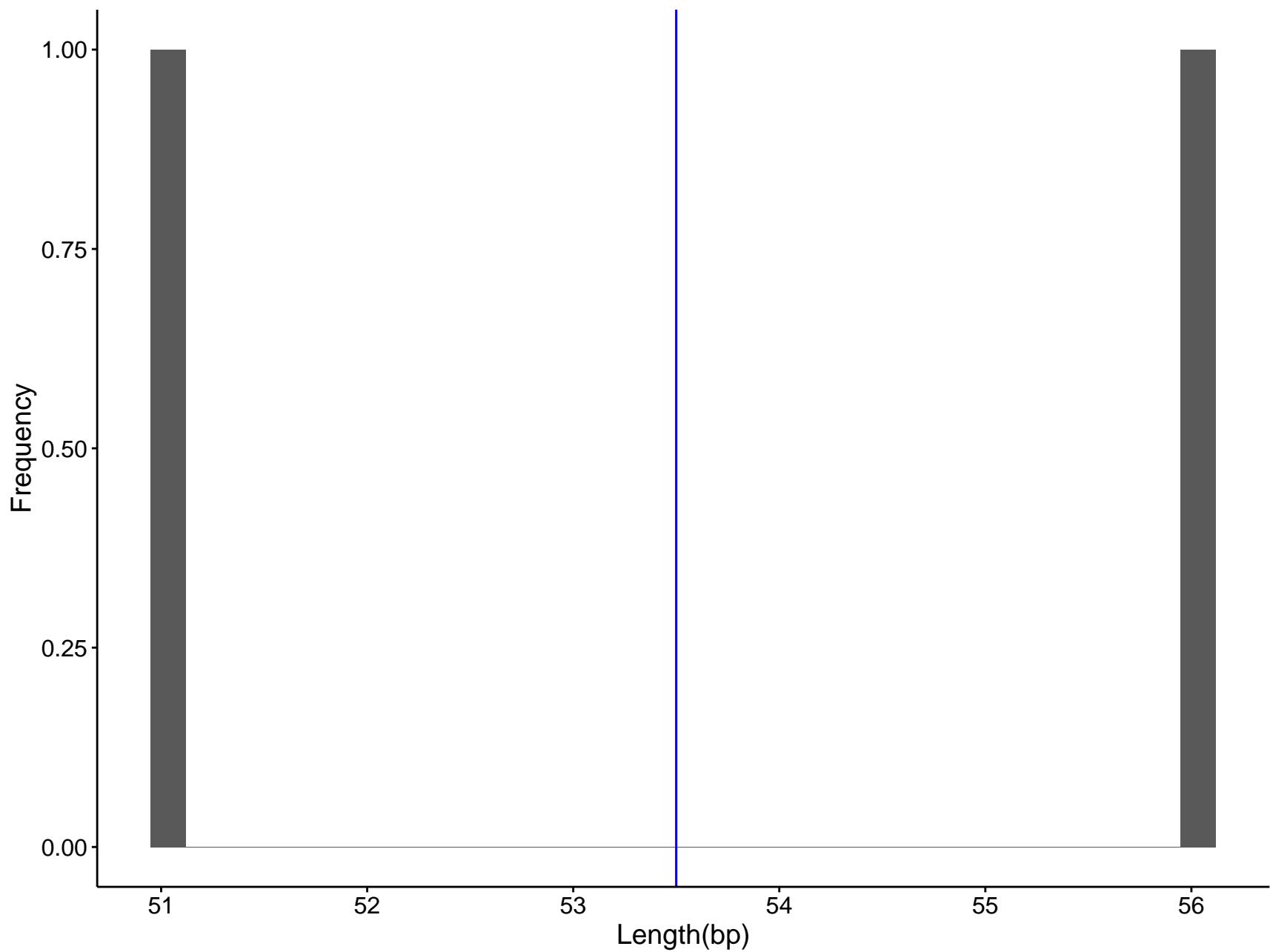
Cluster1022

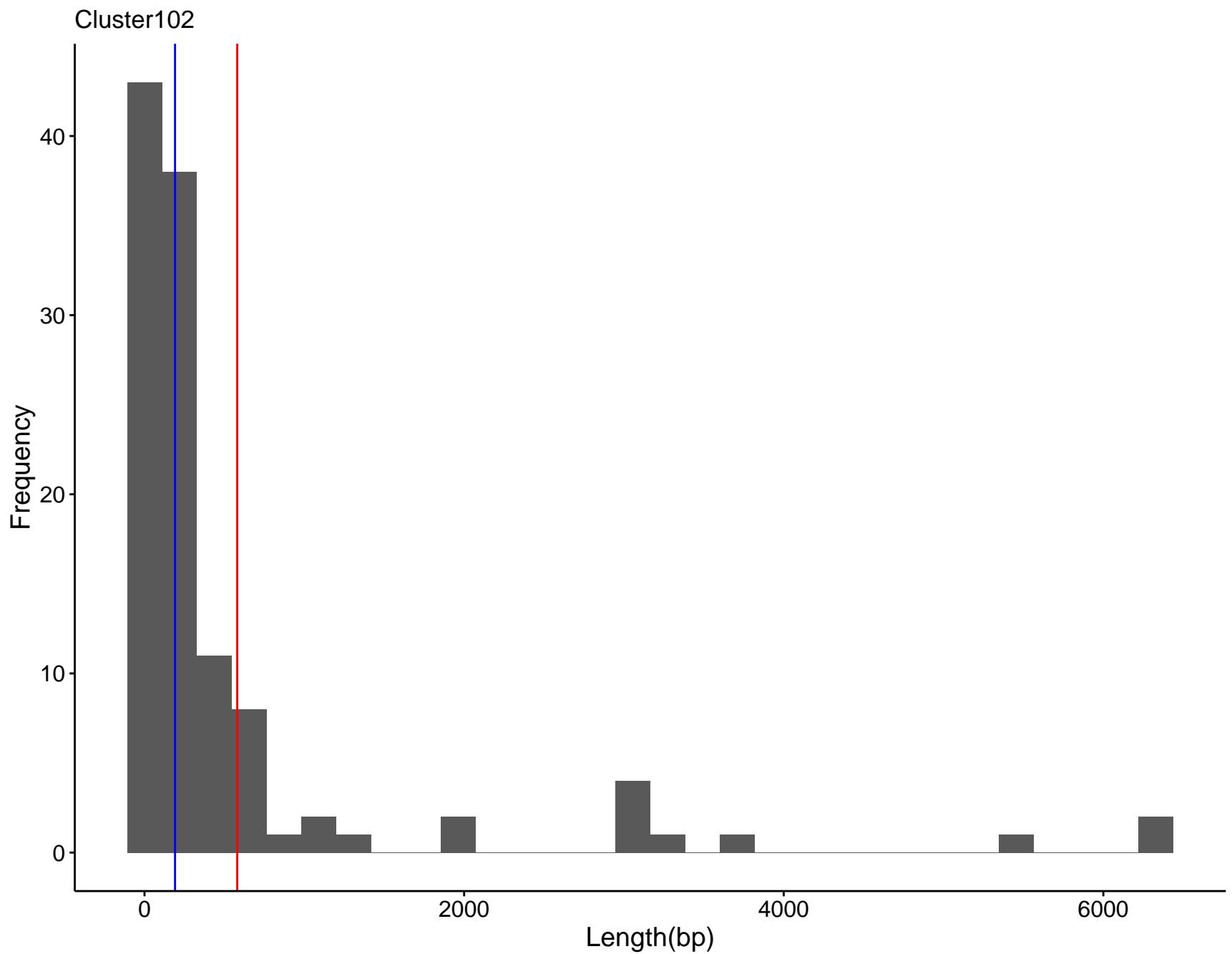


Cluster1026



Cluster1029





Cluster1030

Frequency

35.950

35.975

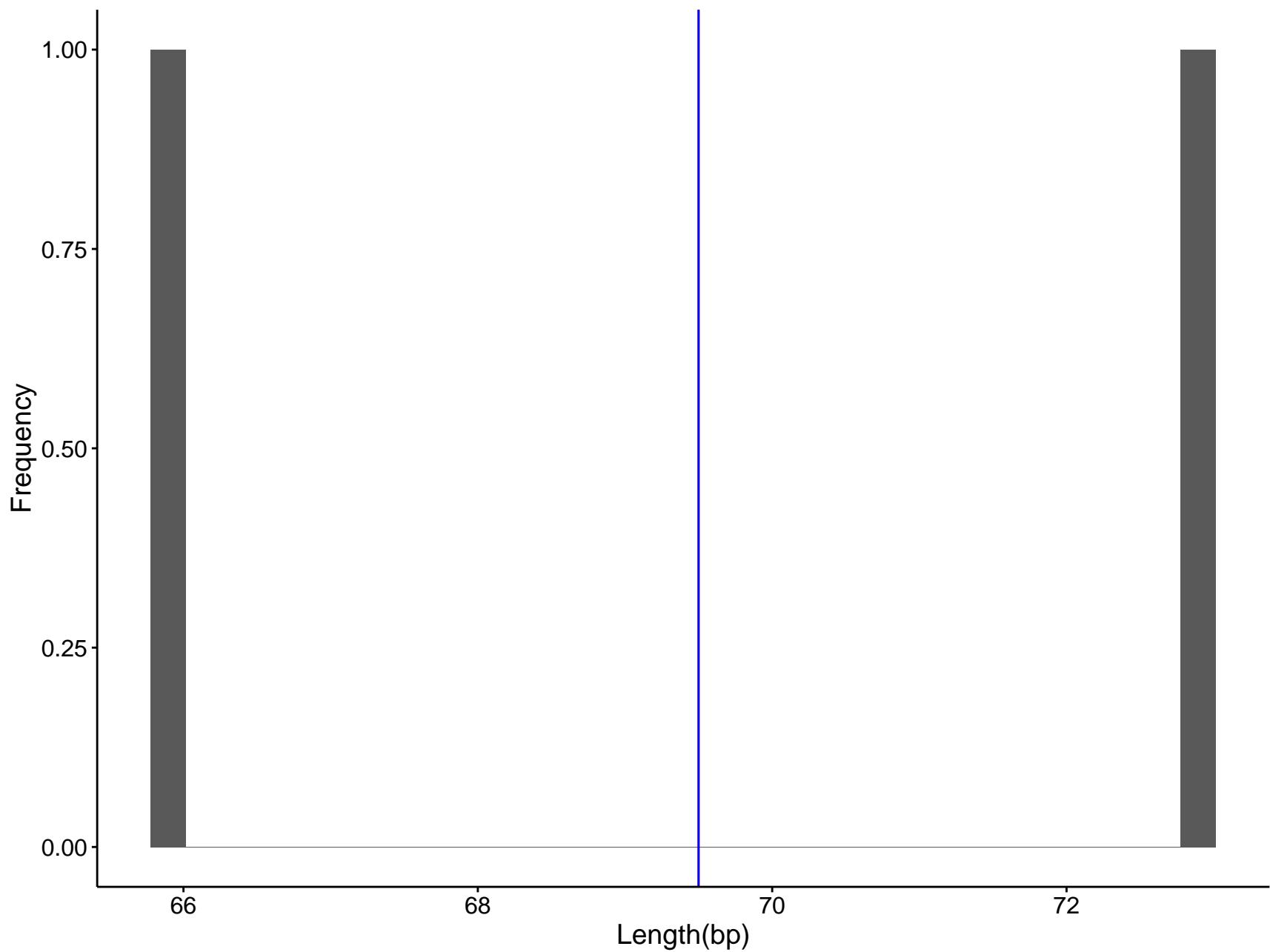
36.000

36.025

Length(bp)



Cluster1033



Cluster1034

Frequency

107.950

107.975

108.000

108.025

108.050

Length(bp)



Cluster1035

Frequency

24.950

24.975

25.000

25.025

Length(bp)



Cluster1037

Frequency

46.950

46.975

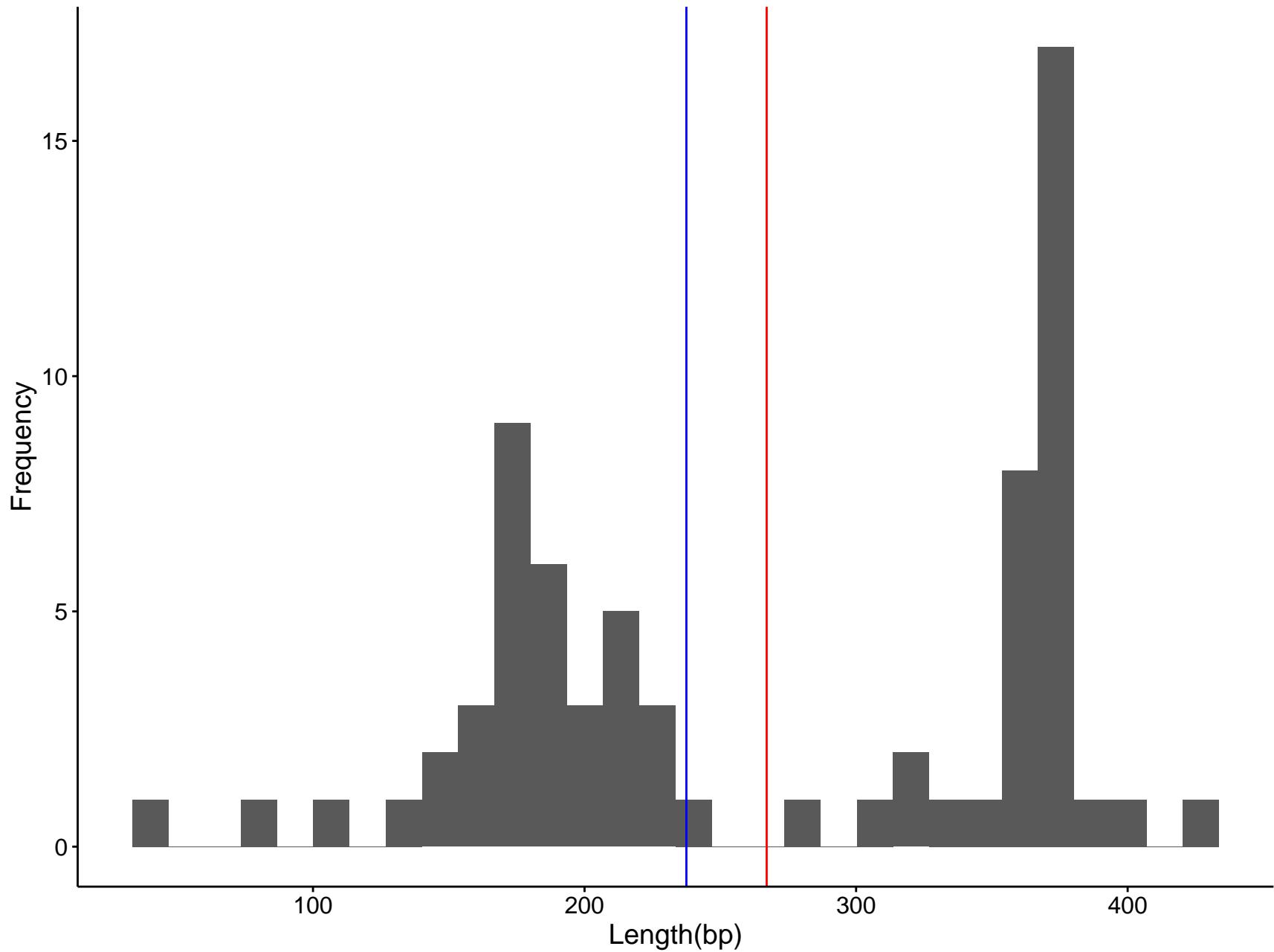
47.000

47.025

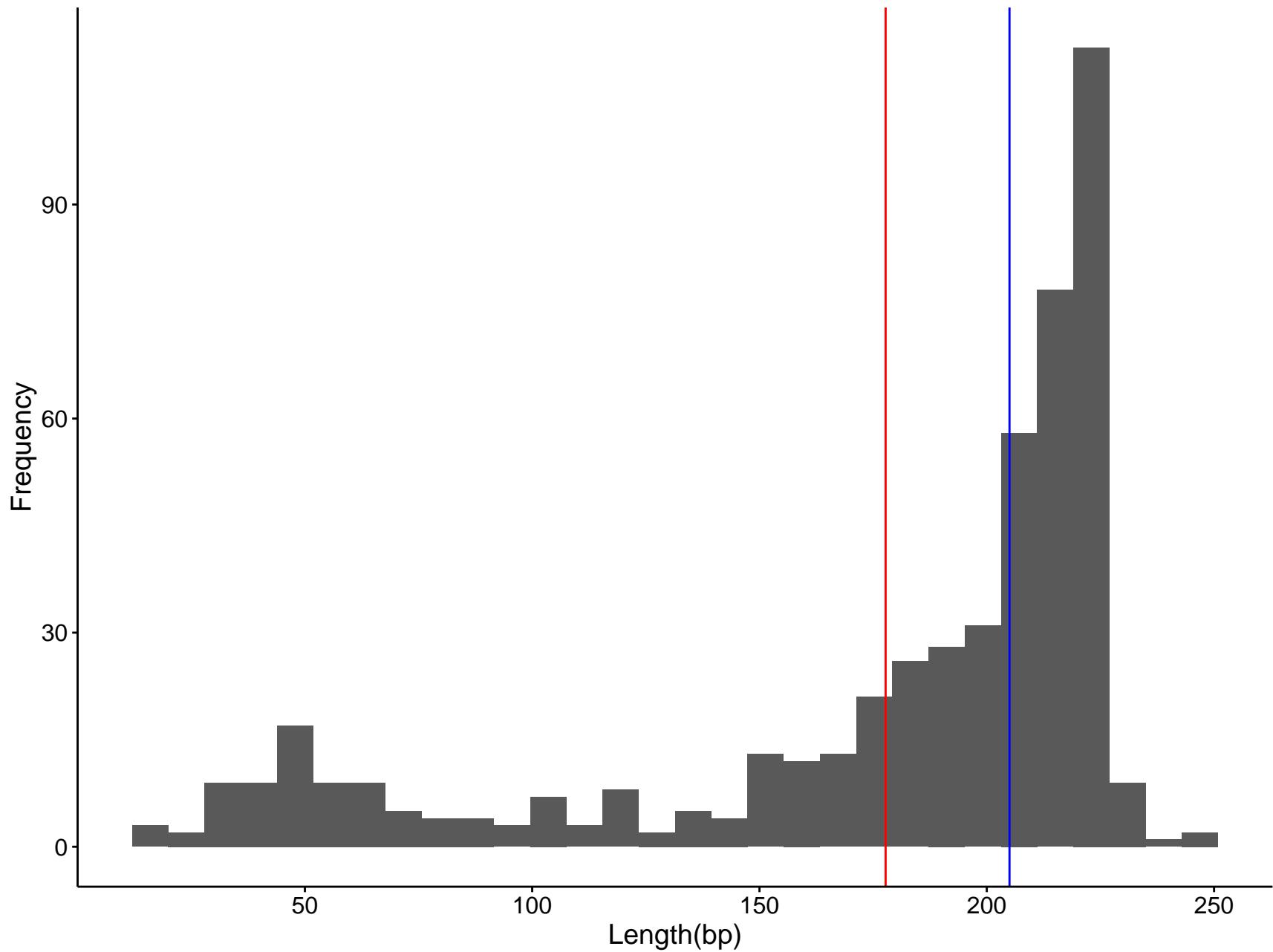
Length(bp)



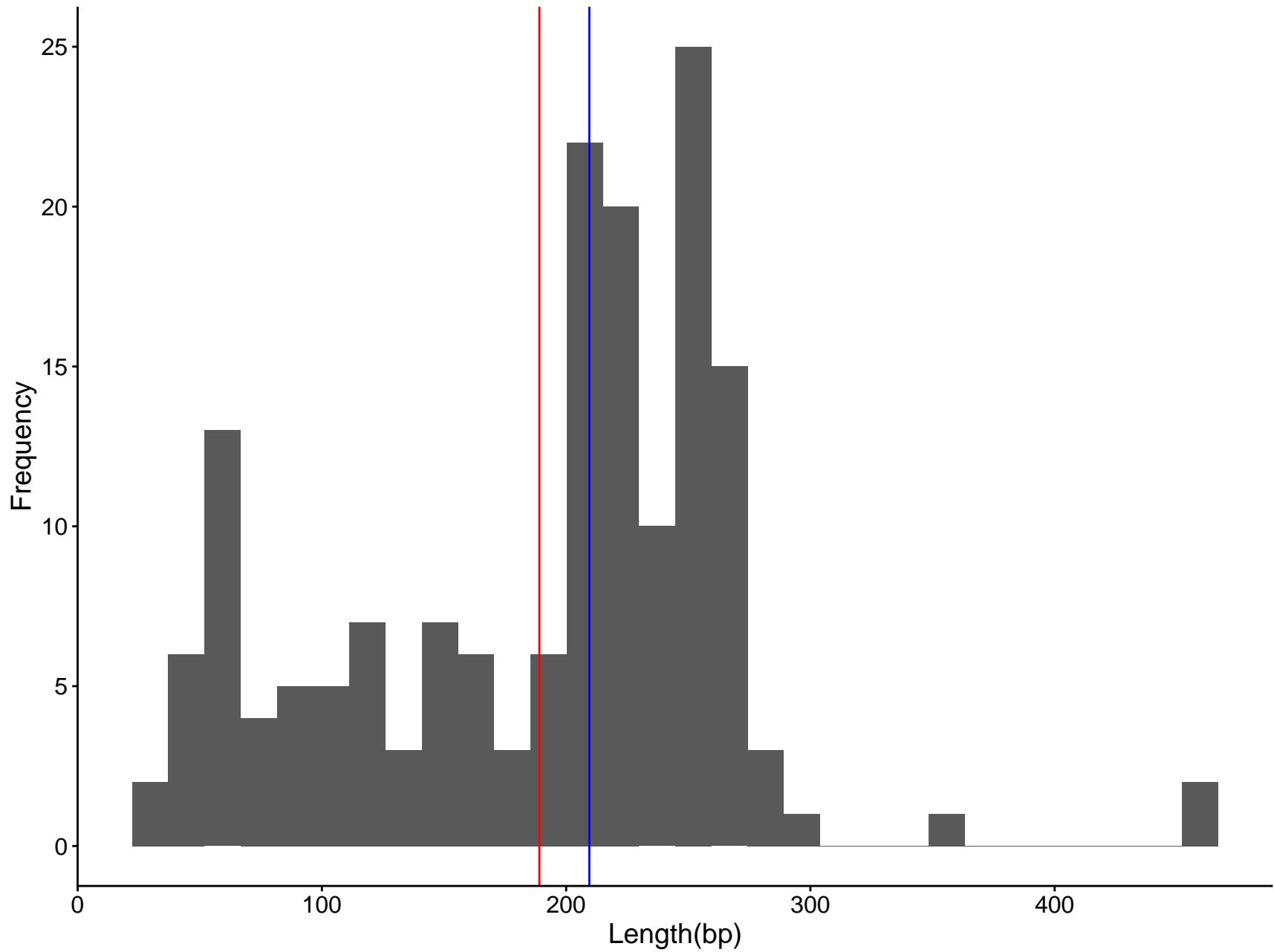
Cluster1038



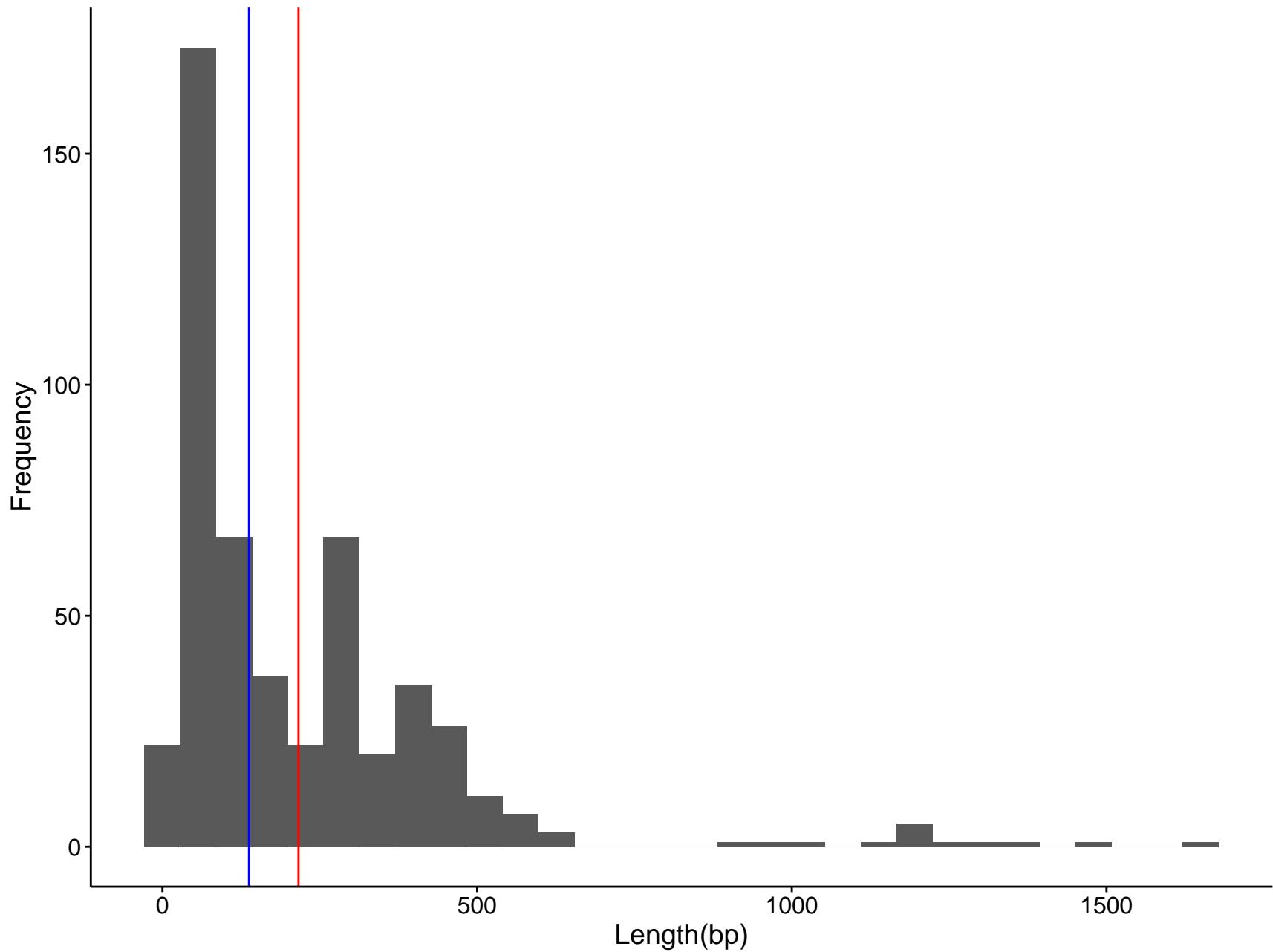
Cluster1039



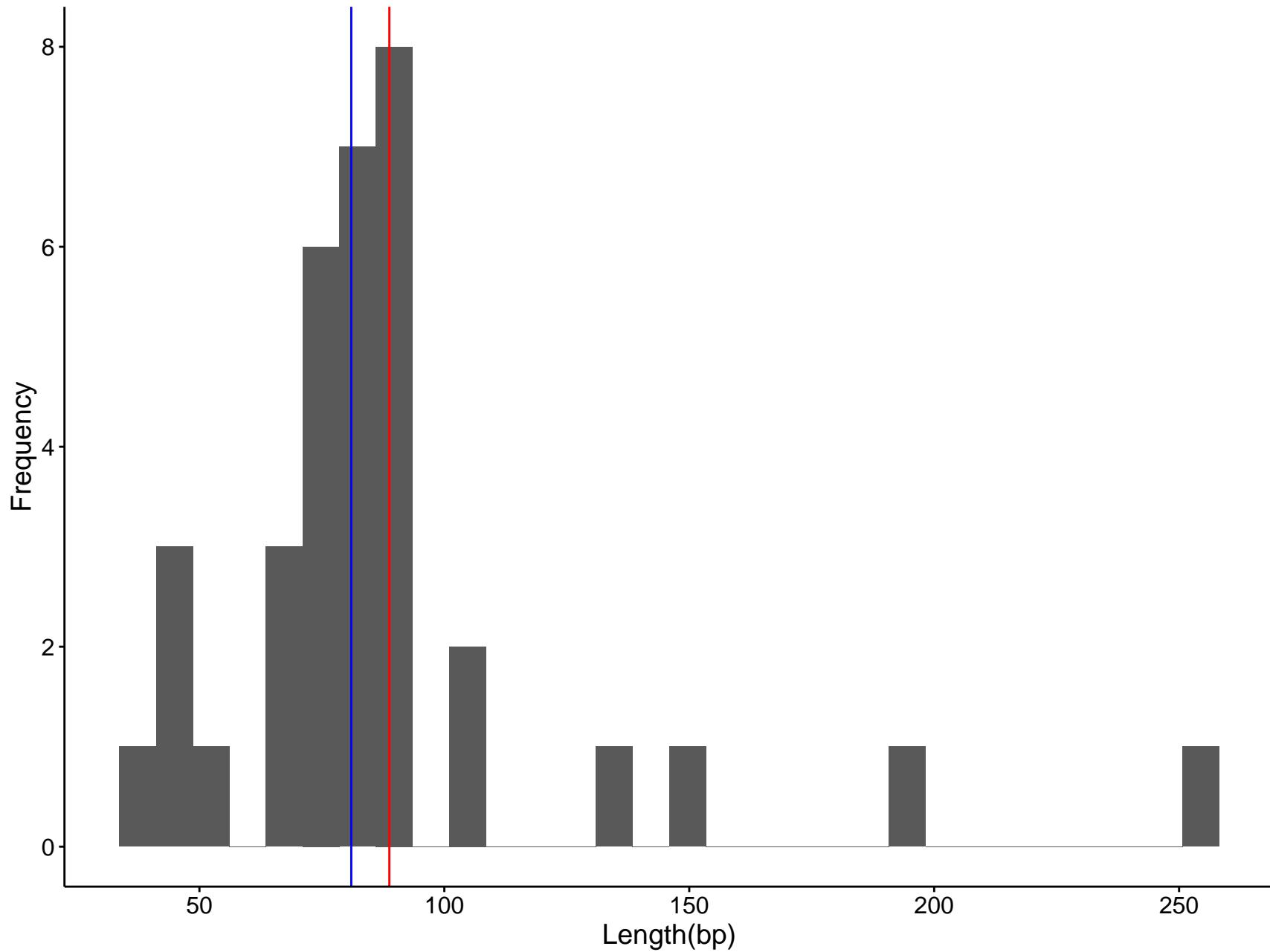
Cluster1040



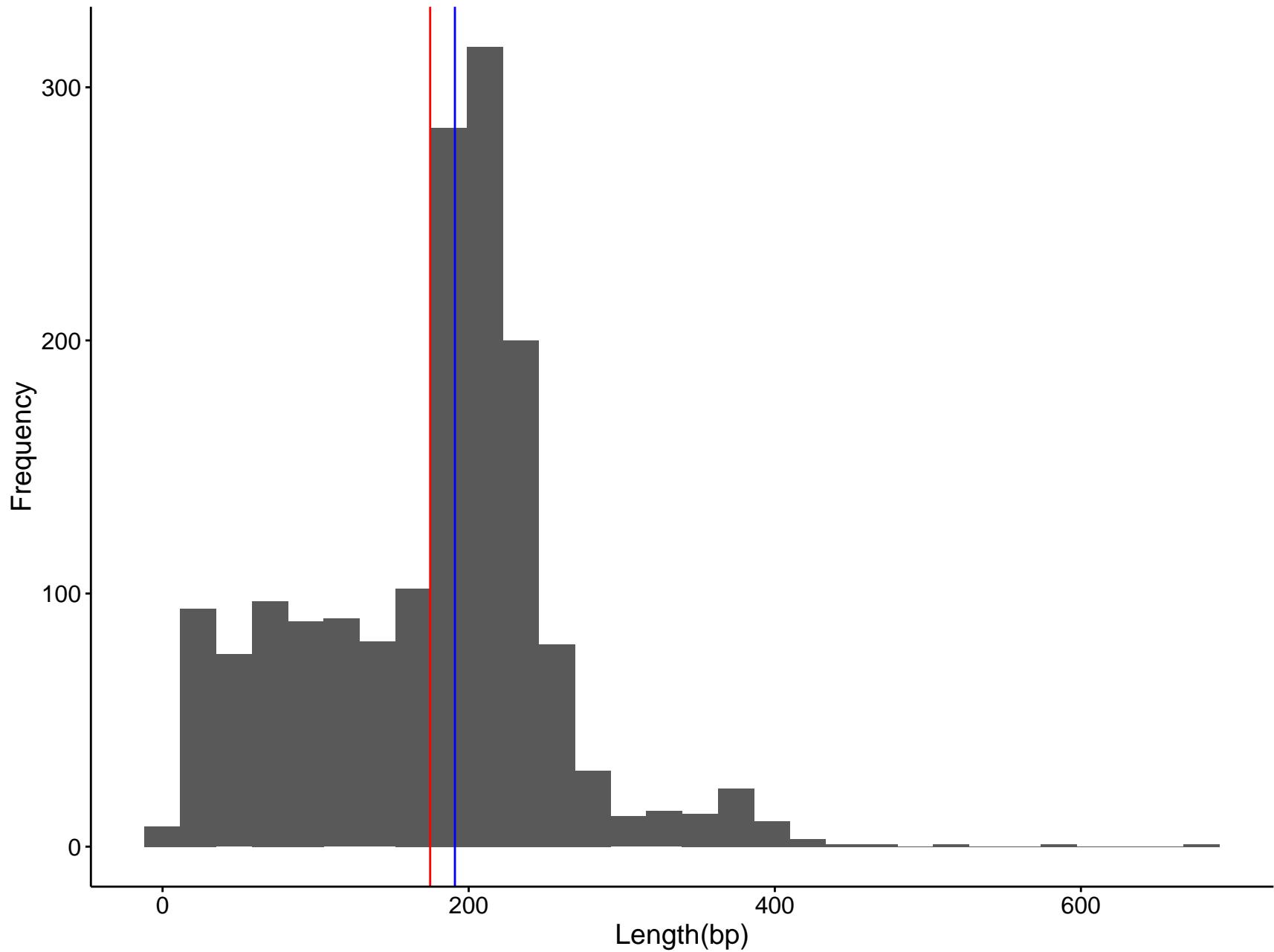
Cluster1041



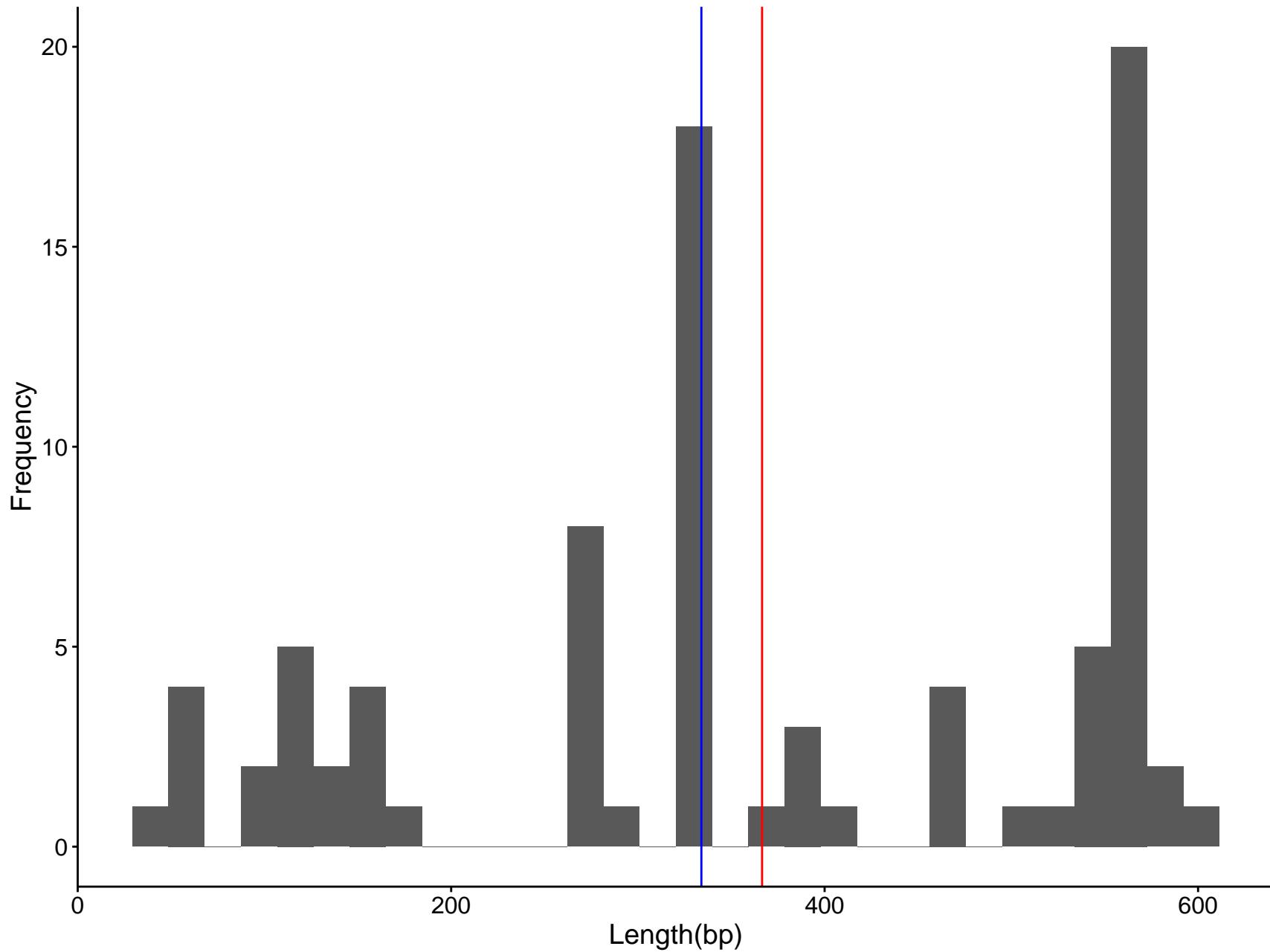
Cluster1042



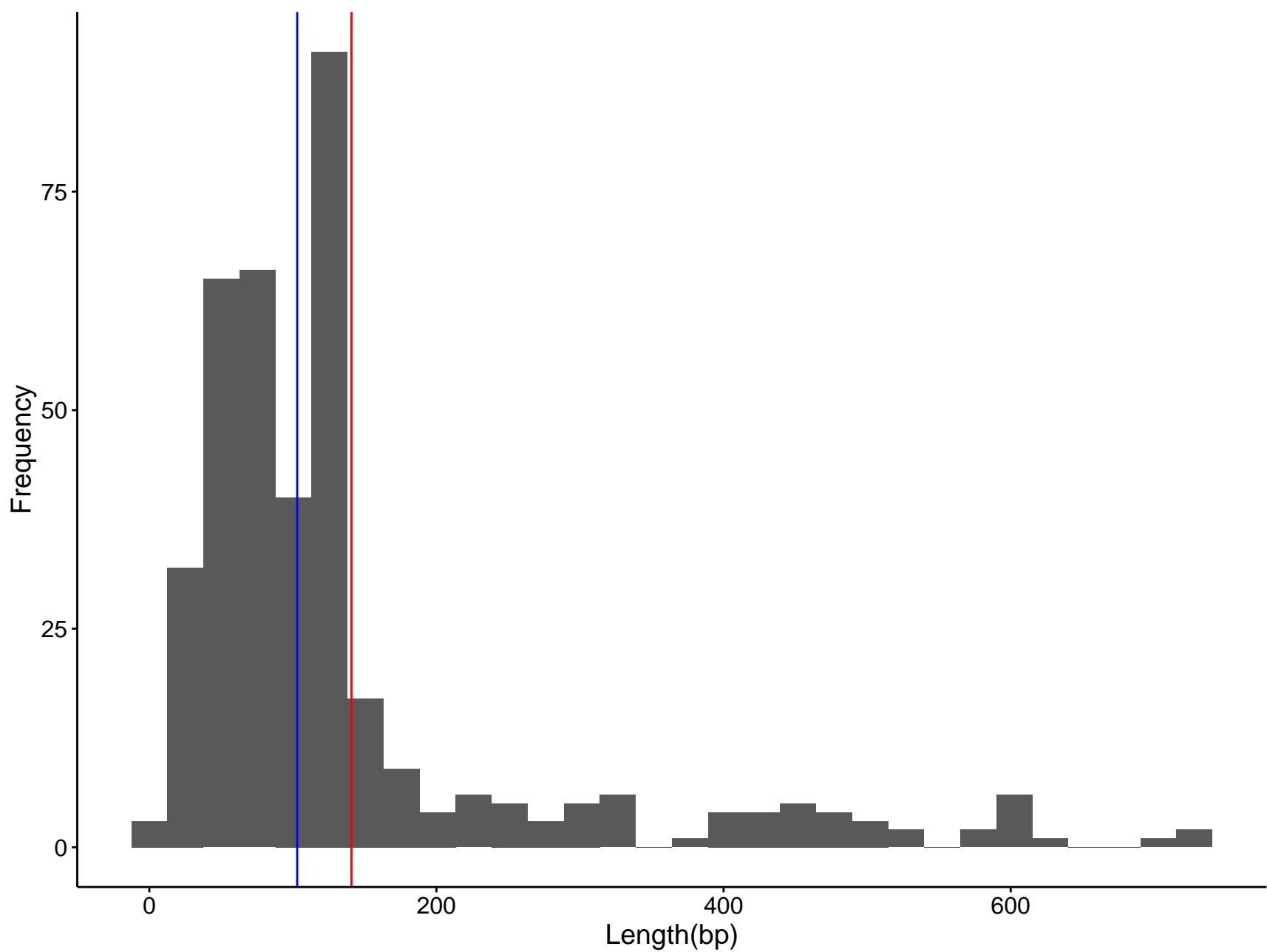
Cluster1043



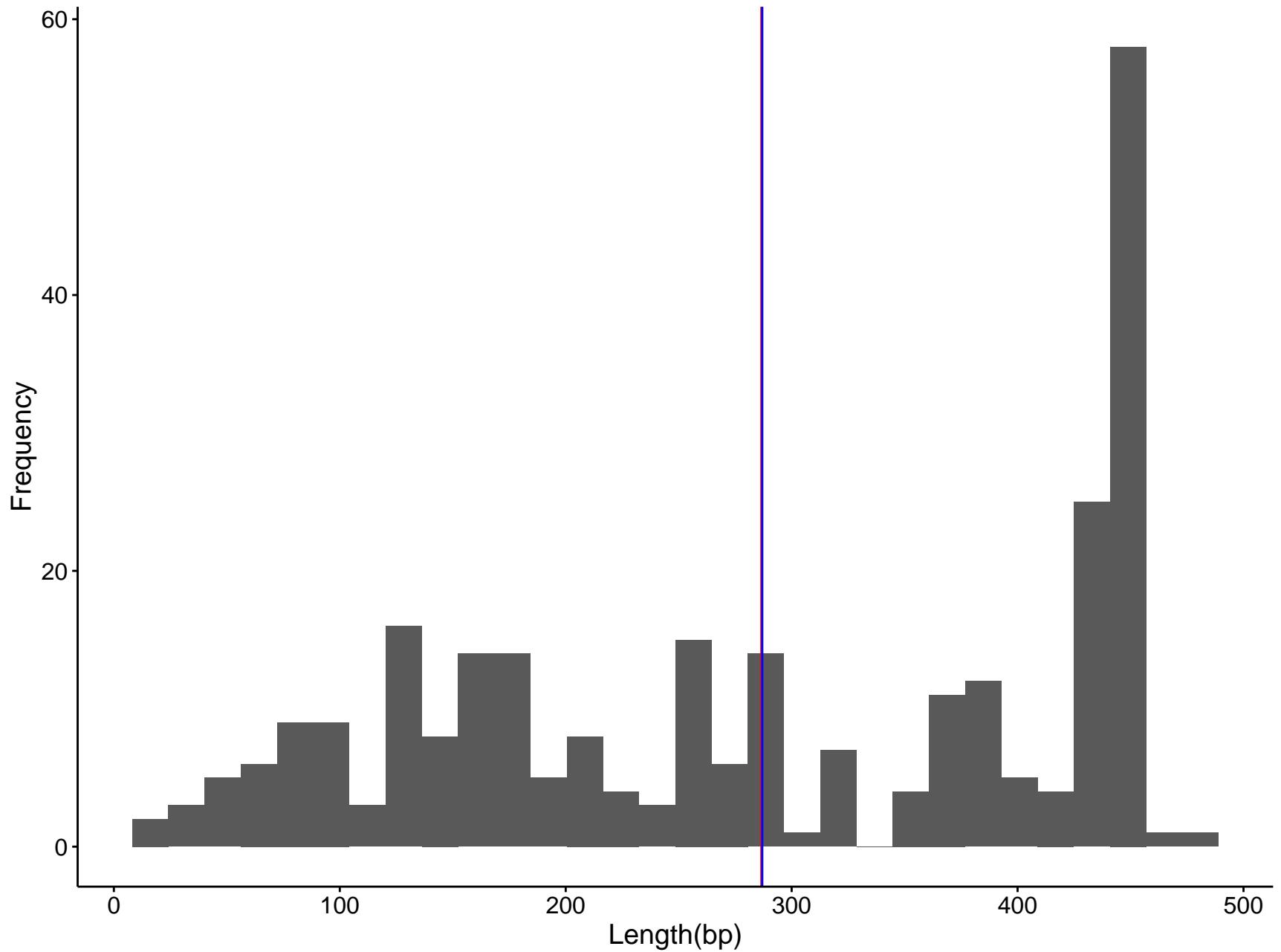
Cluster1044



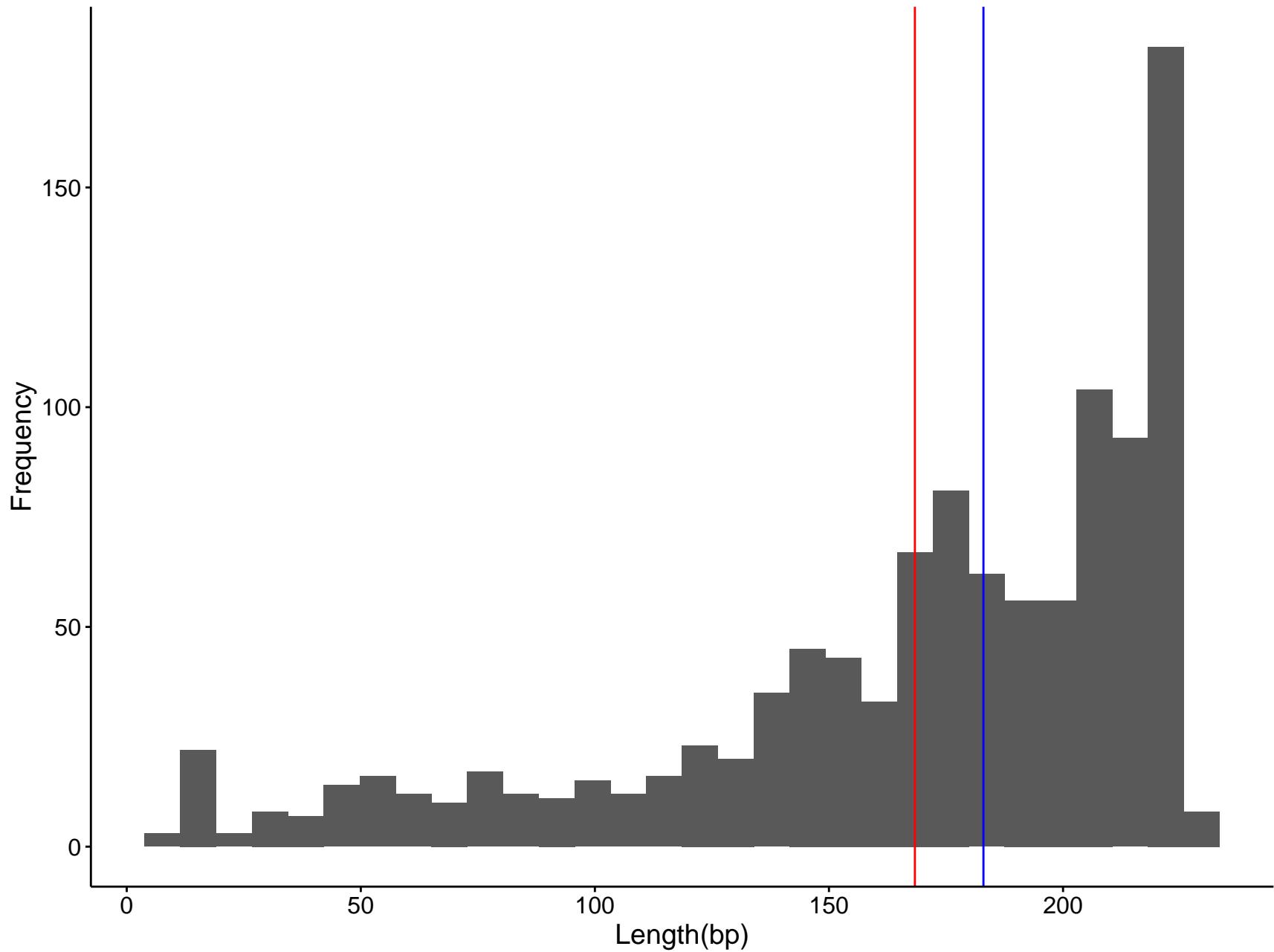
Cluster1045



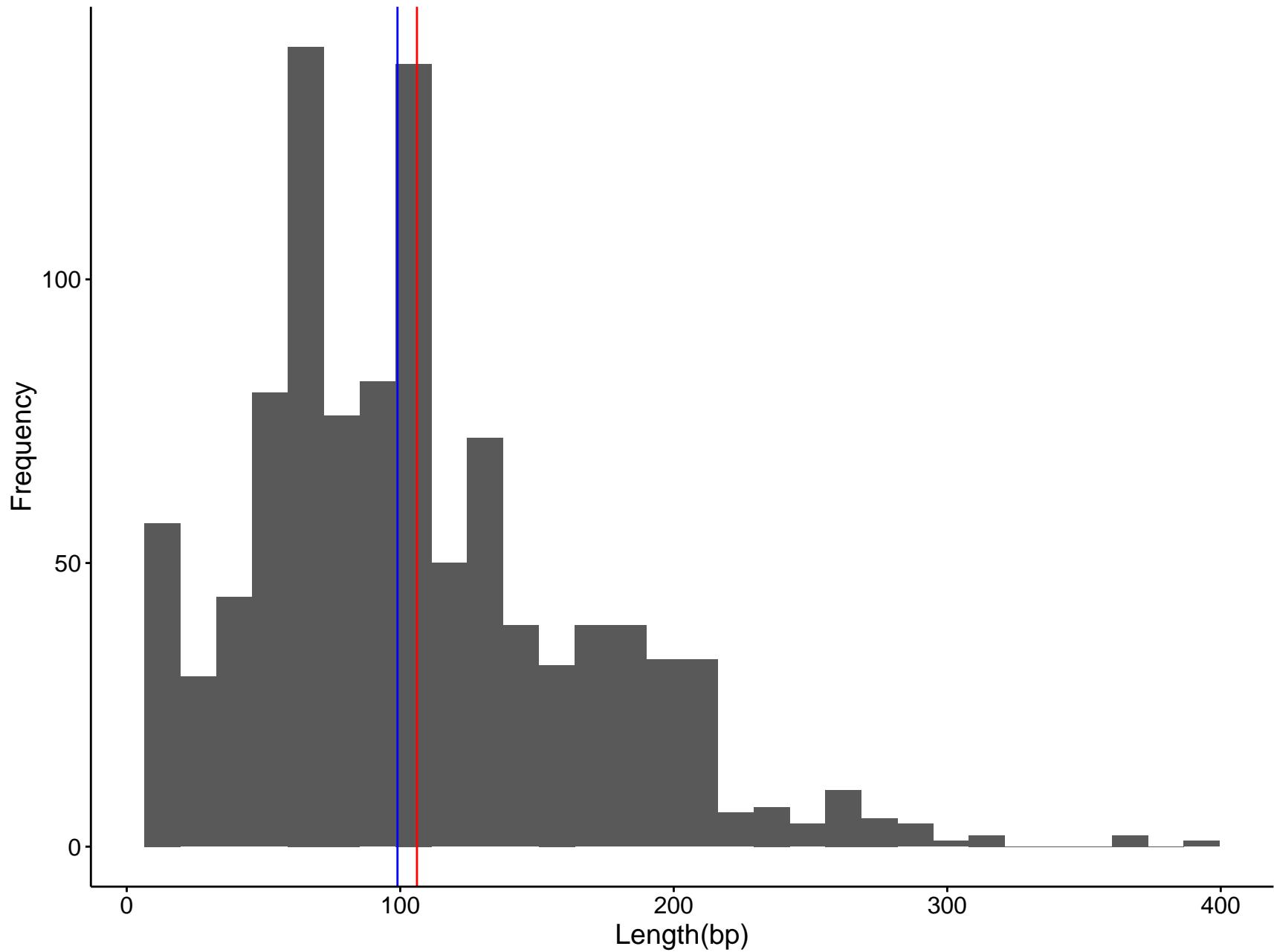
Cluster1046



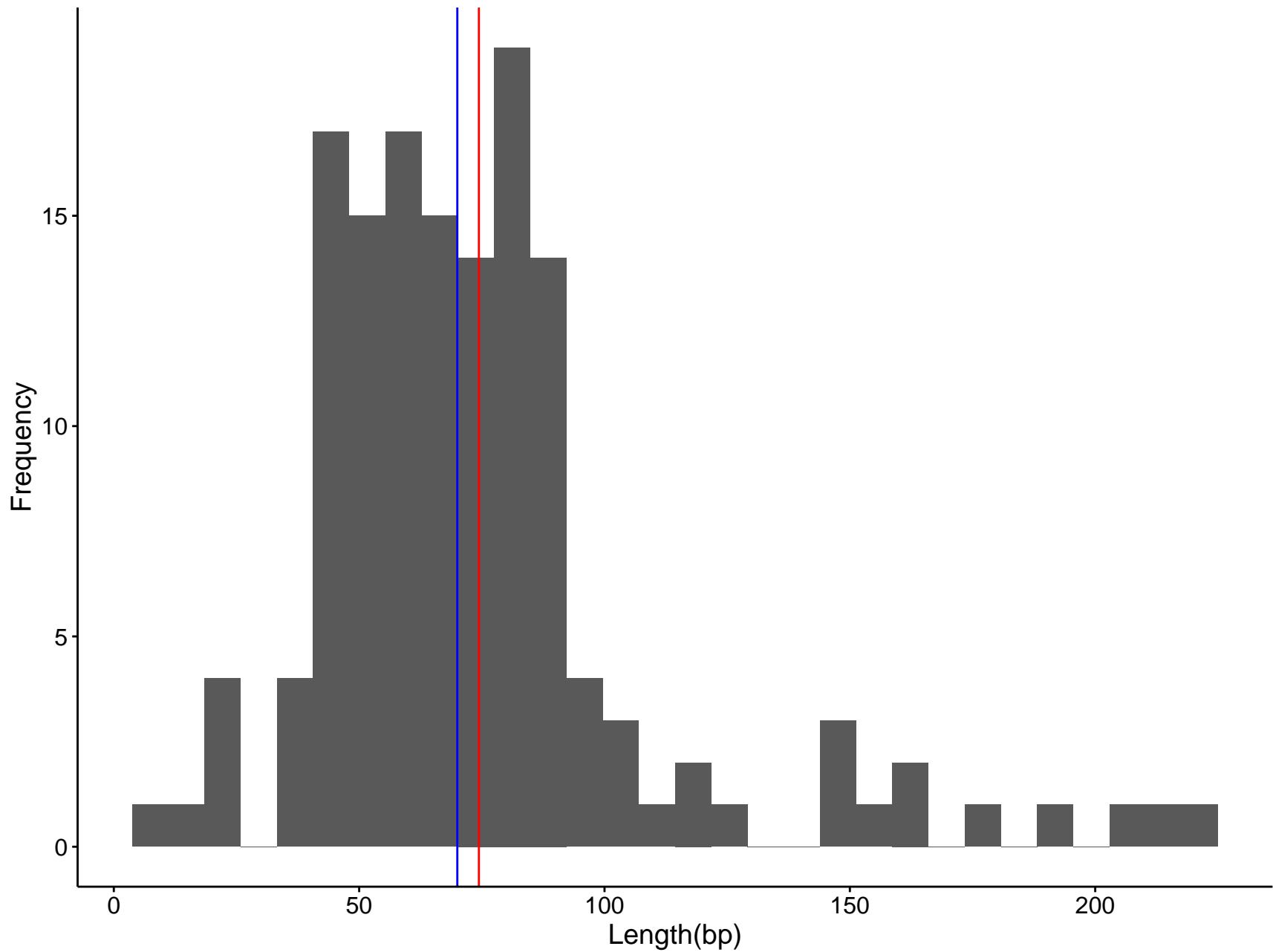
Cluster1047



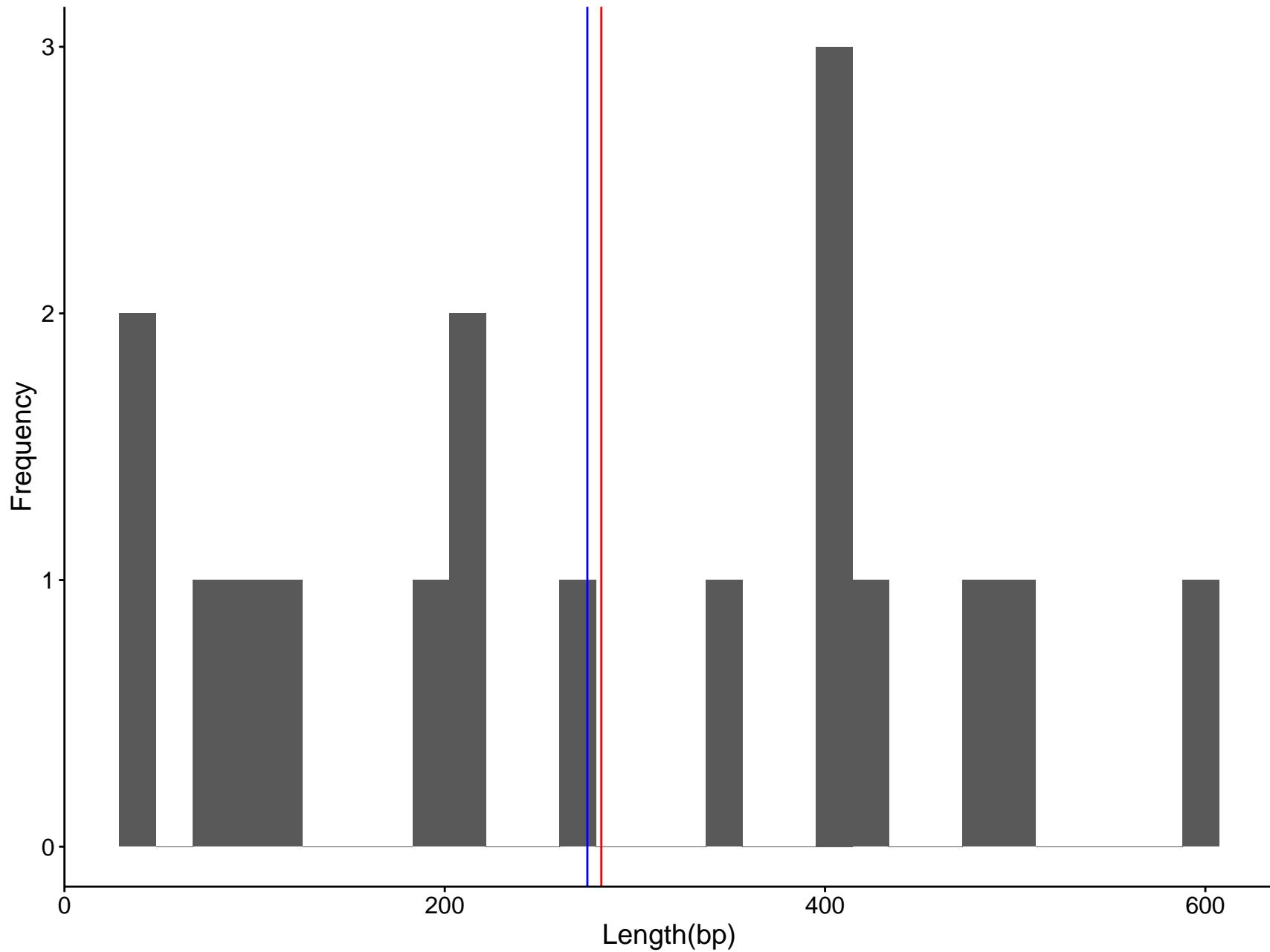
Cluster1048



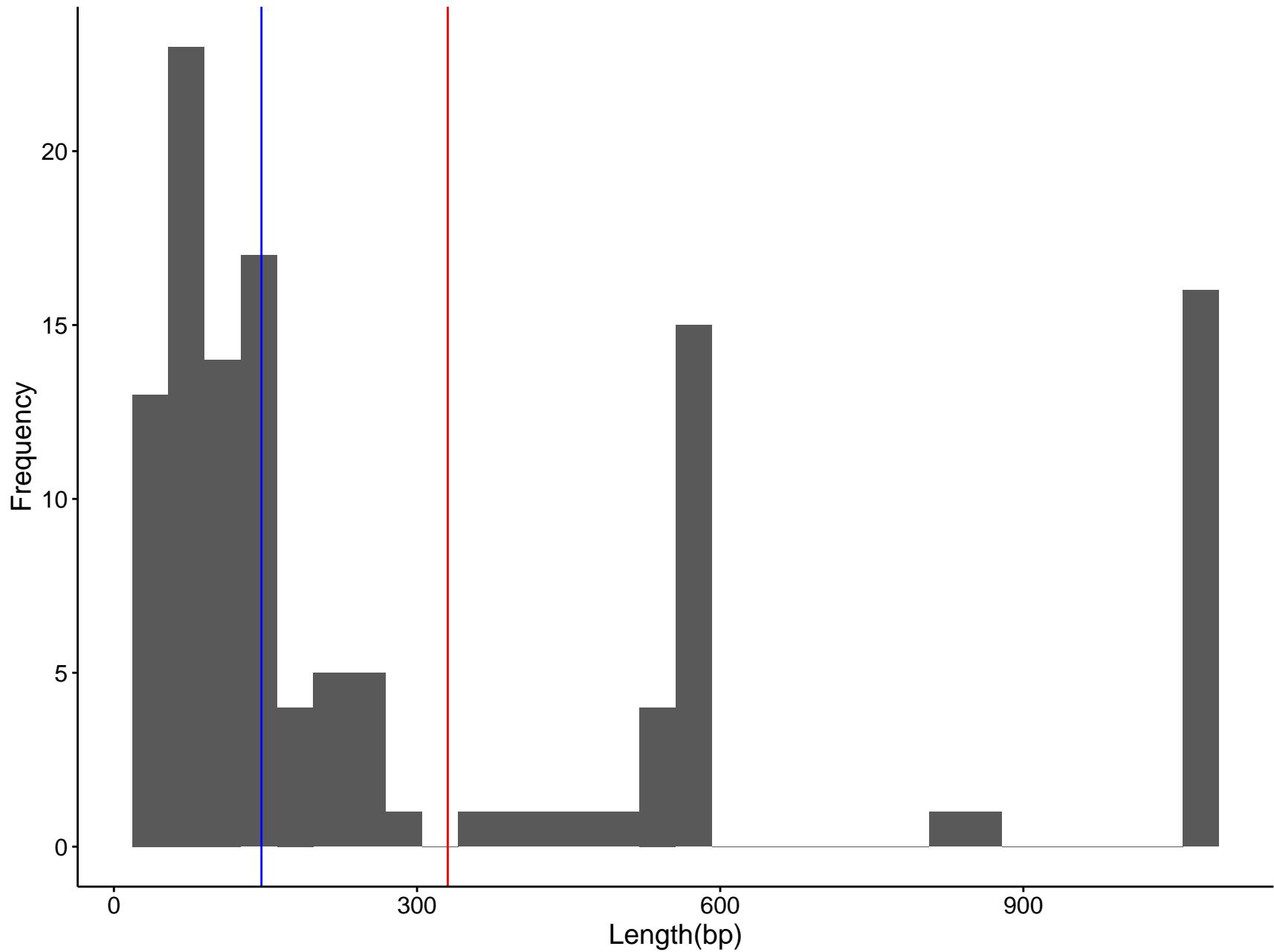
Cluster1049



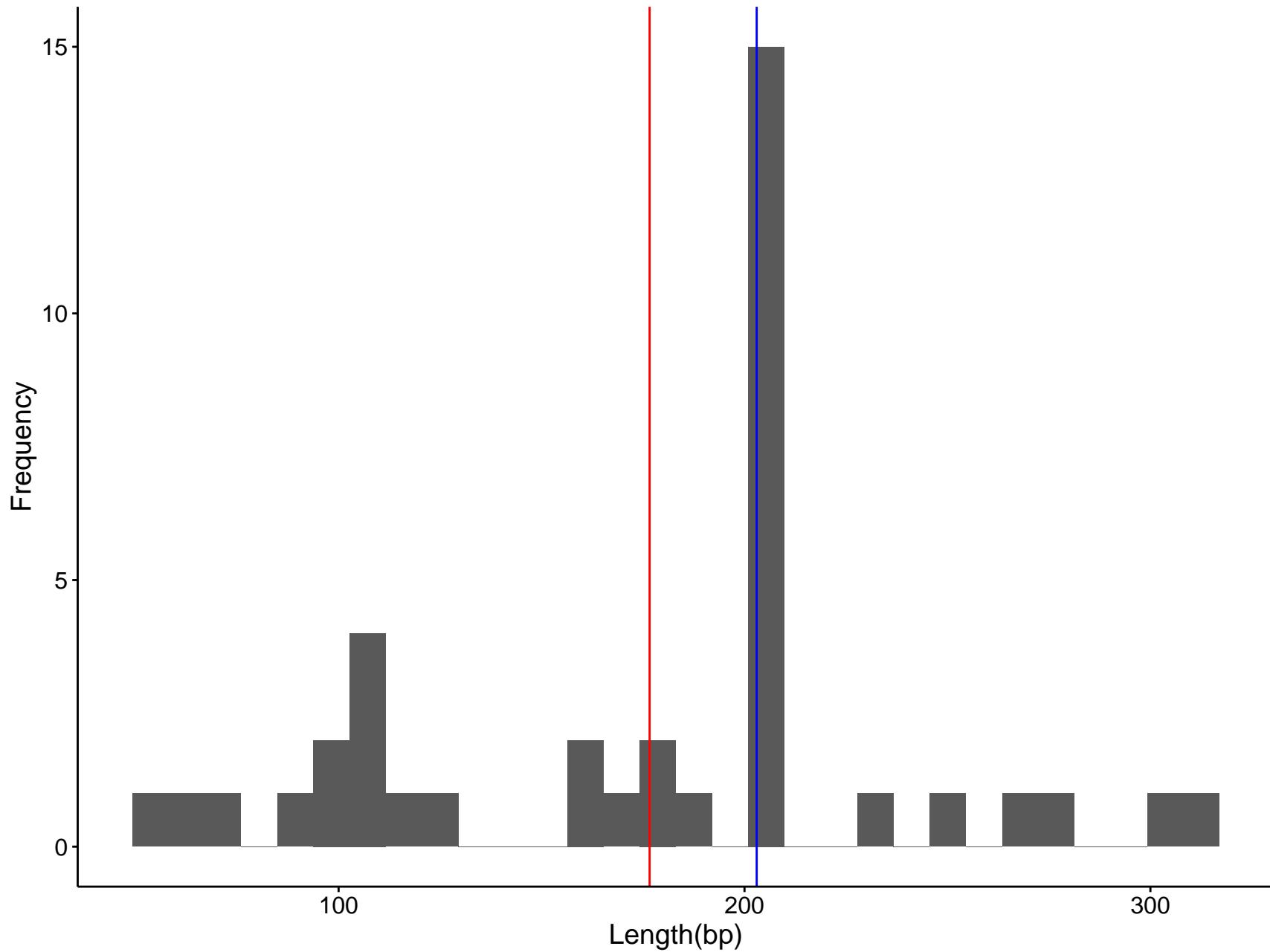
Cluster104



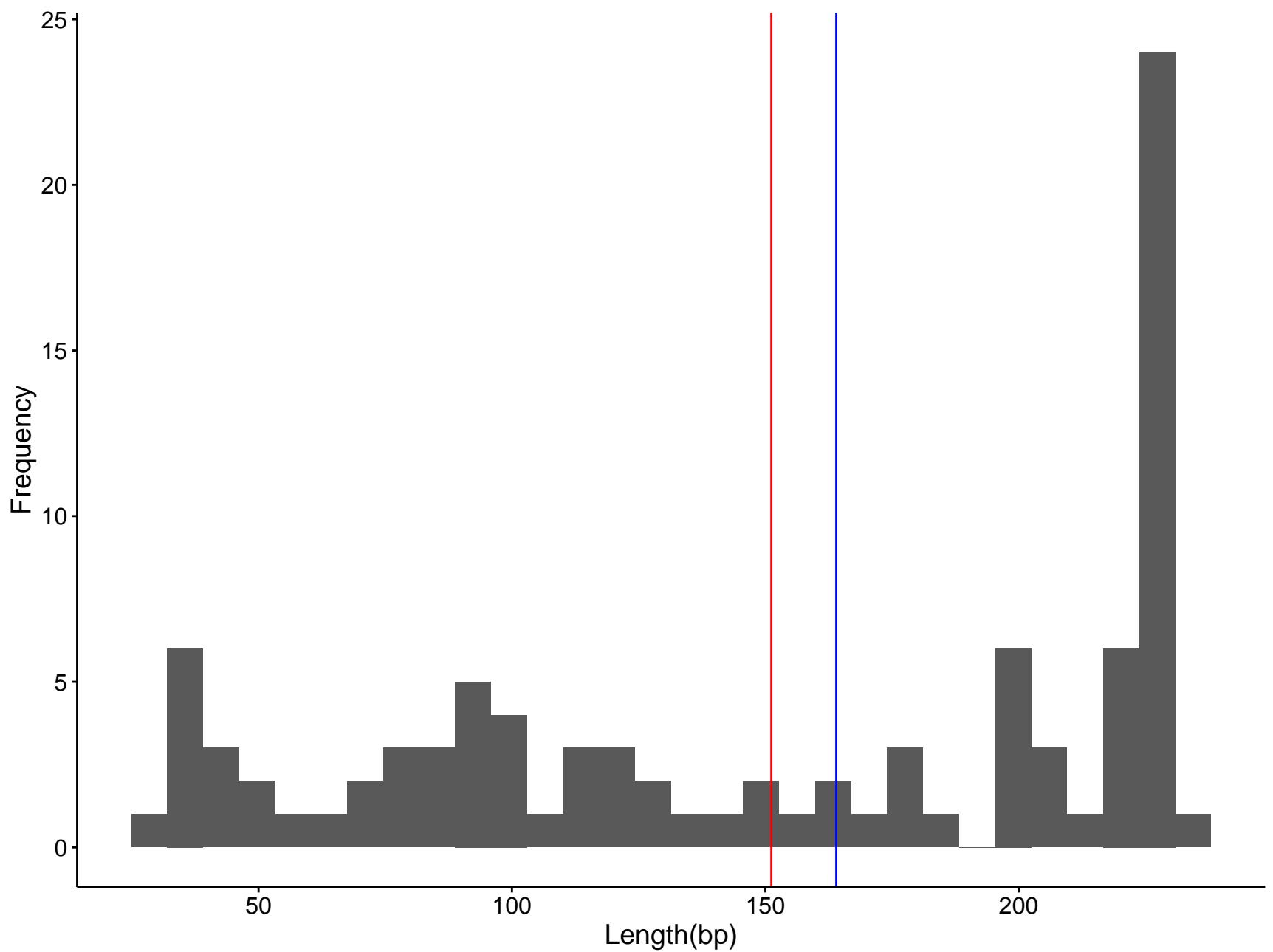
Cluster1051



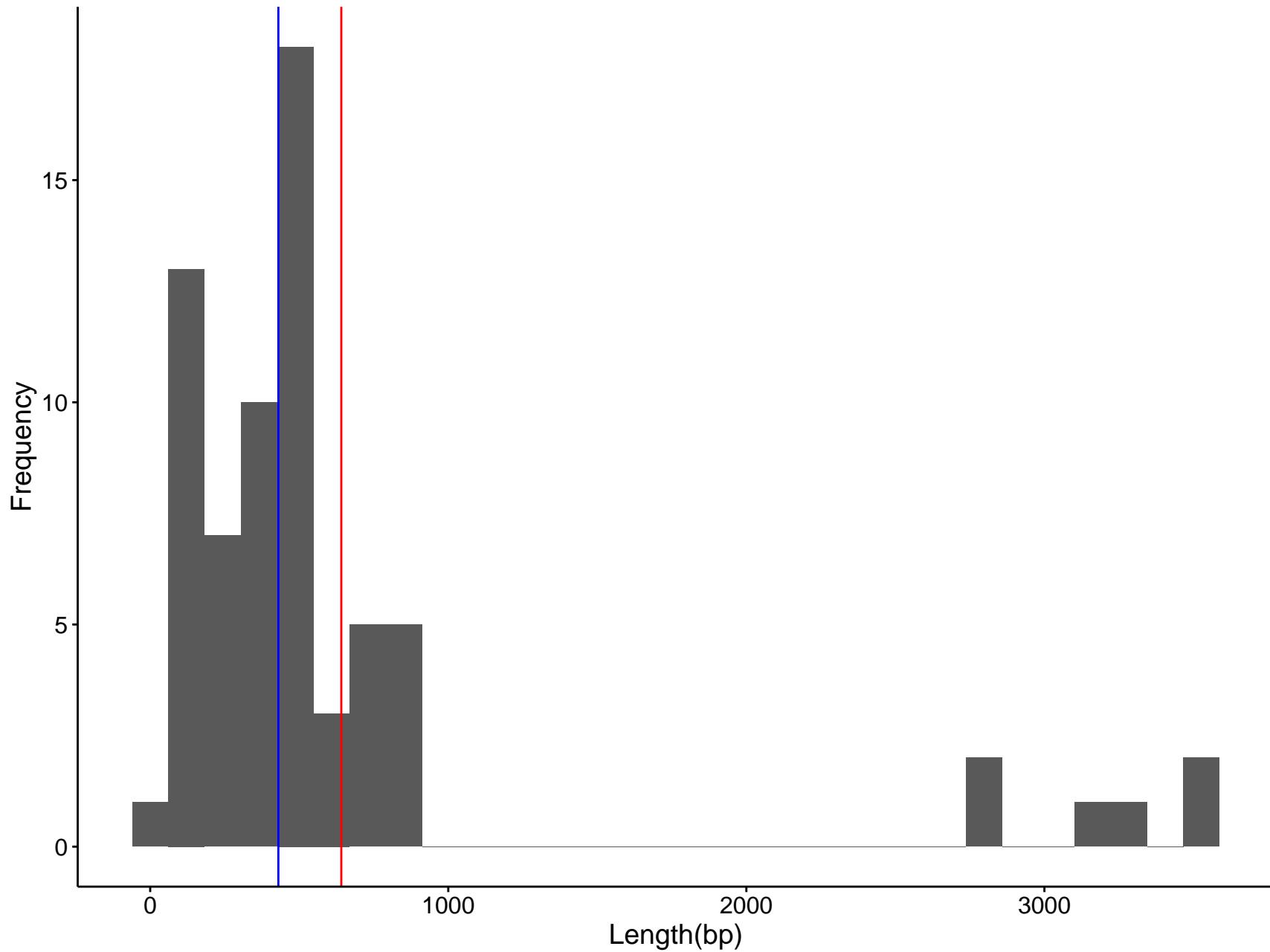
Cluster1052



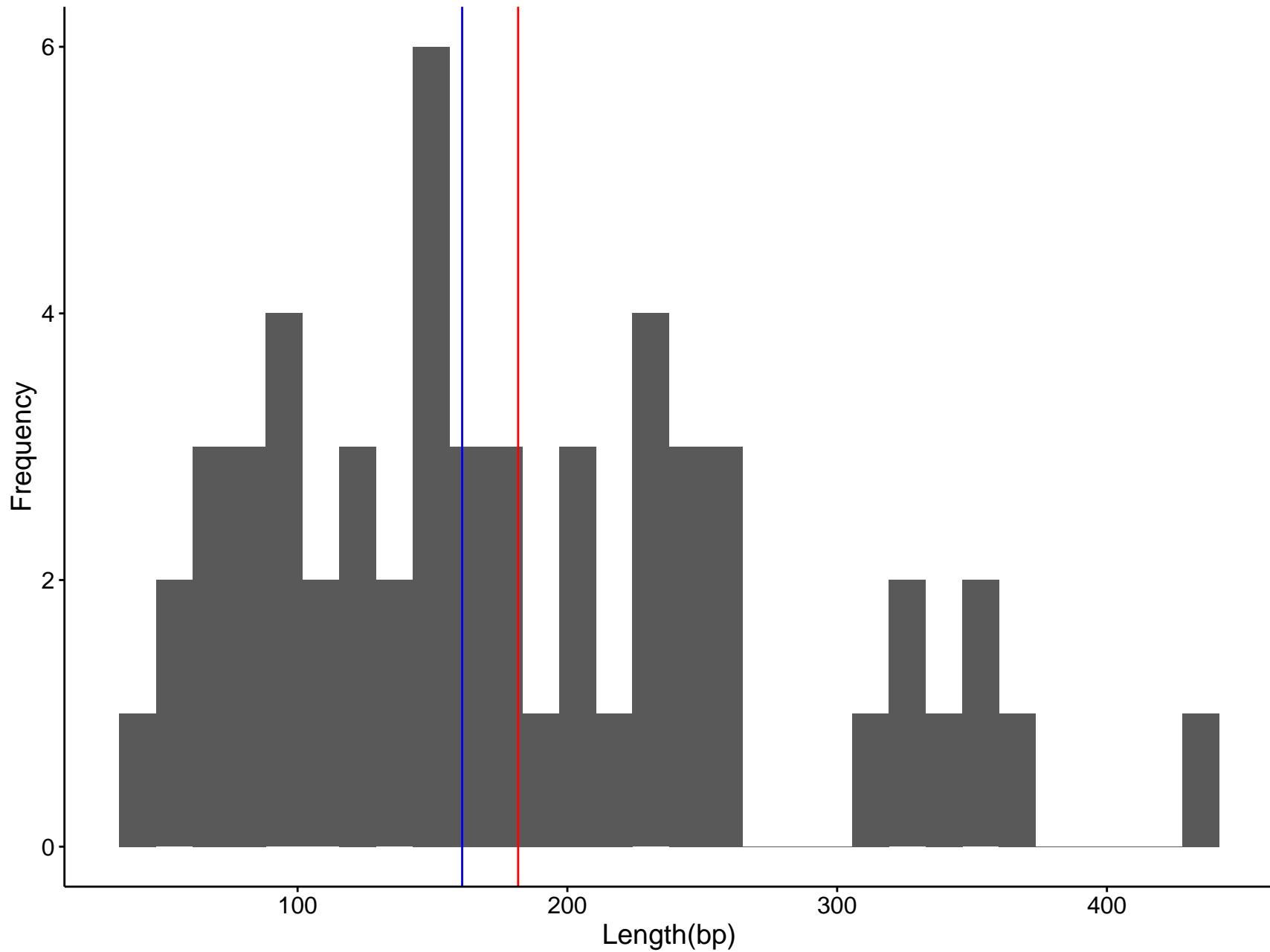
Cluster1053



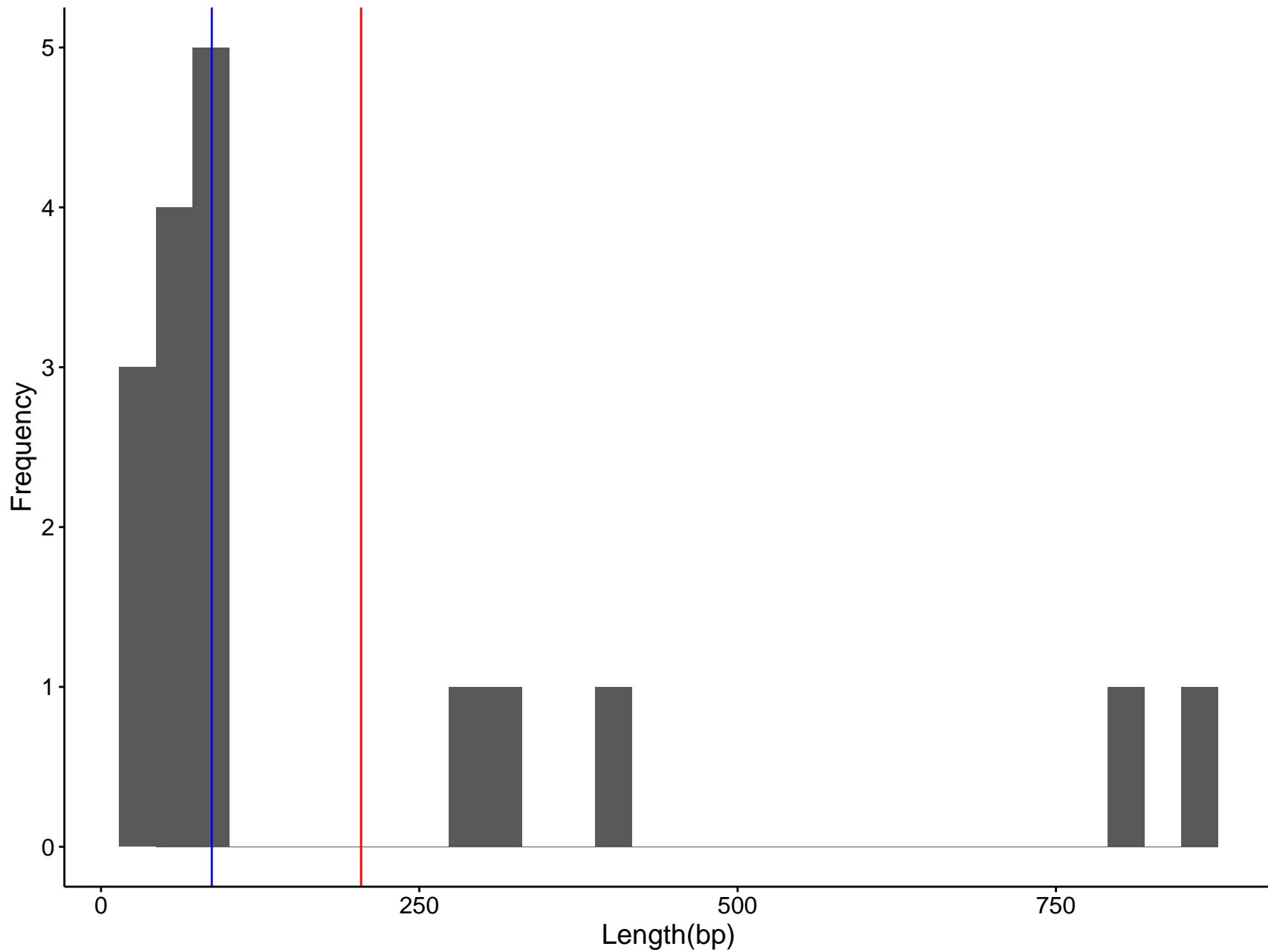
Cluster1054



Cluster1055



Cluster1056



Cluster1057

Frequency

34.950

34.975

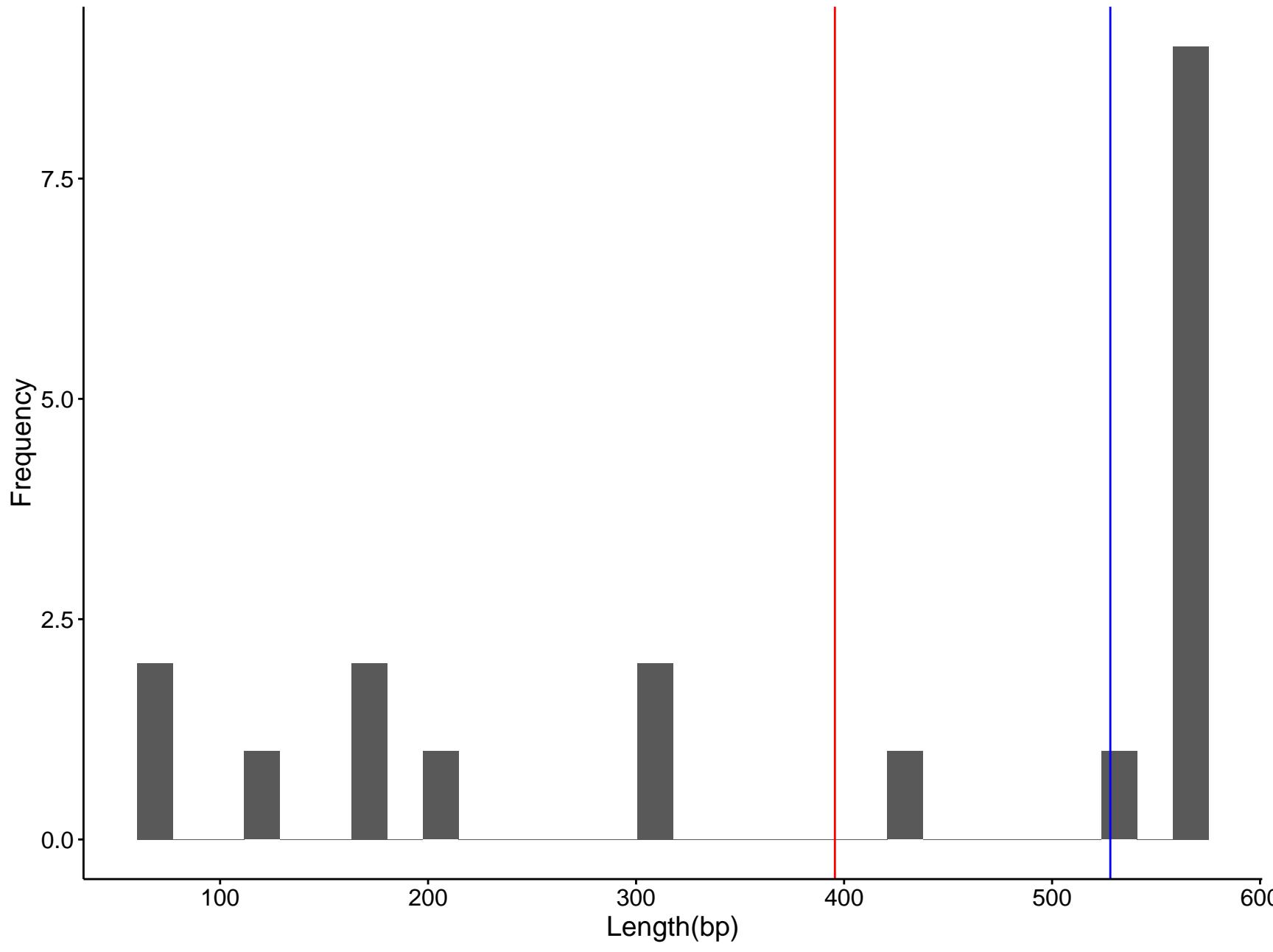
35.000

35.025

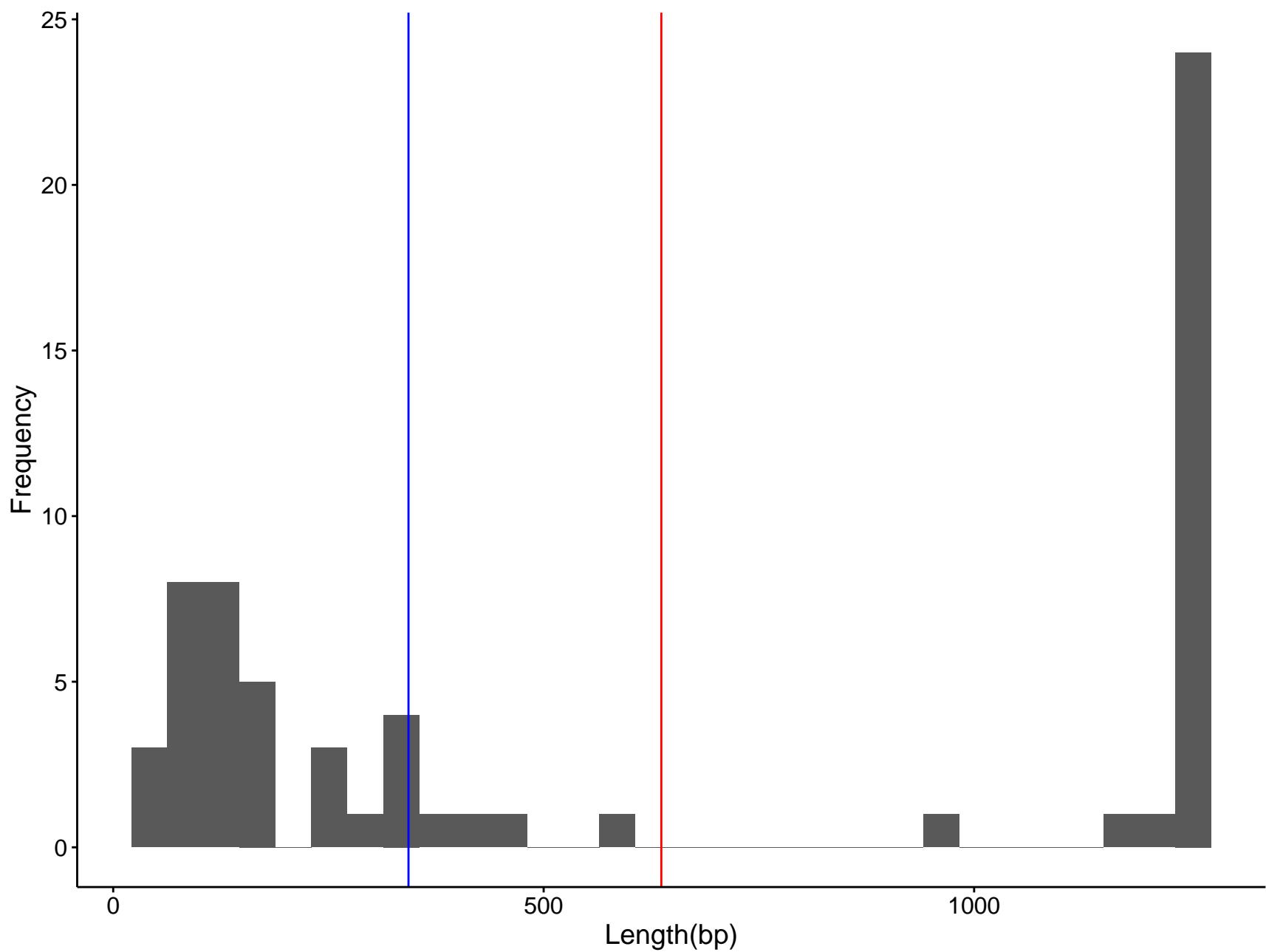
Length(bp)



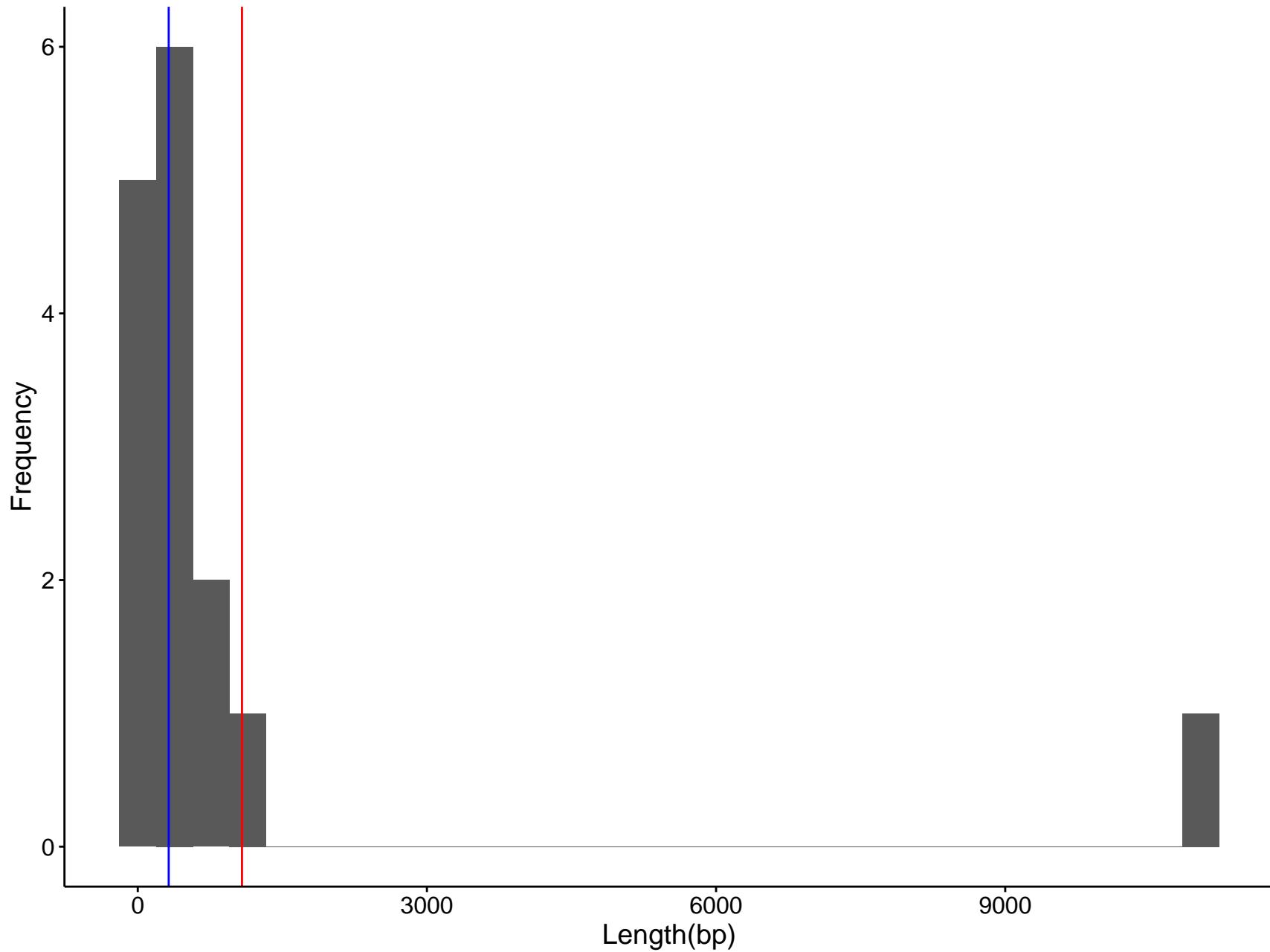
Cluster1058



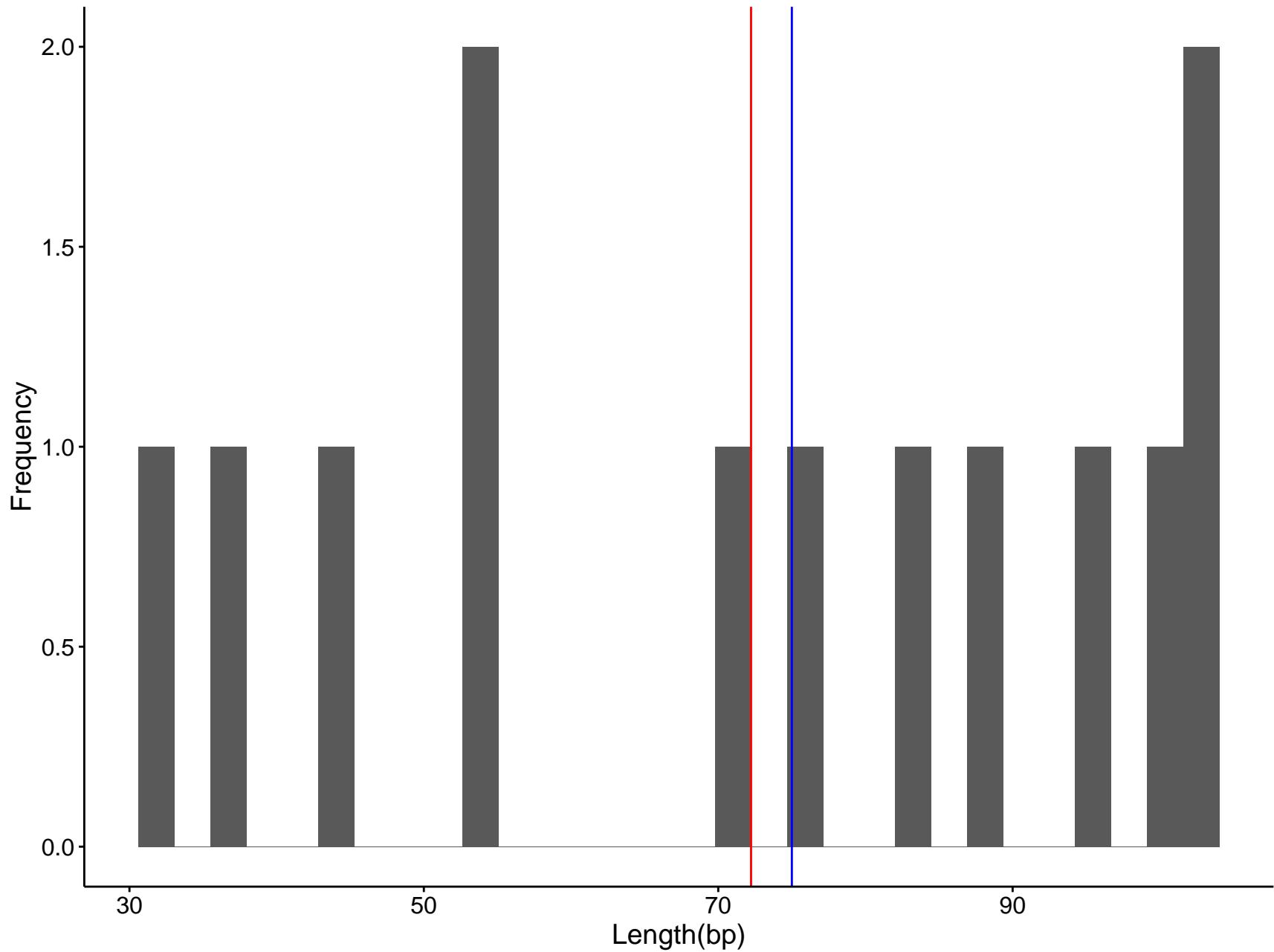
Cluster1059



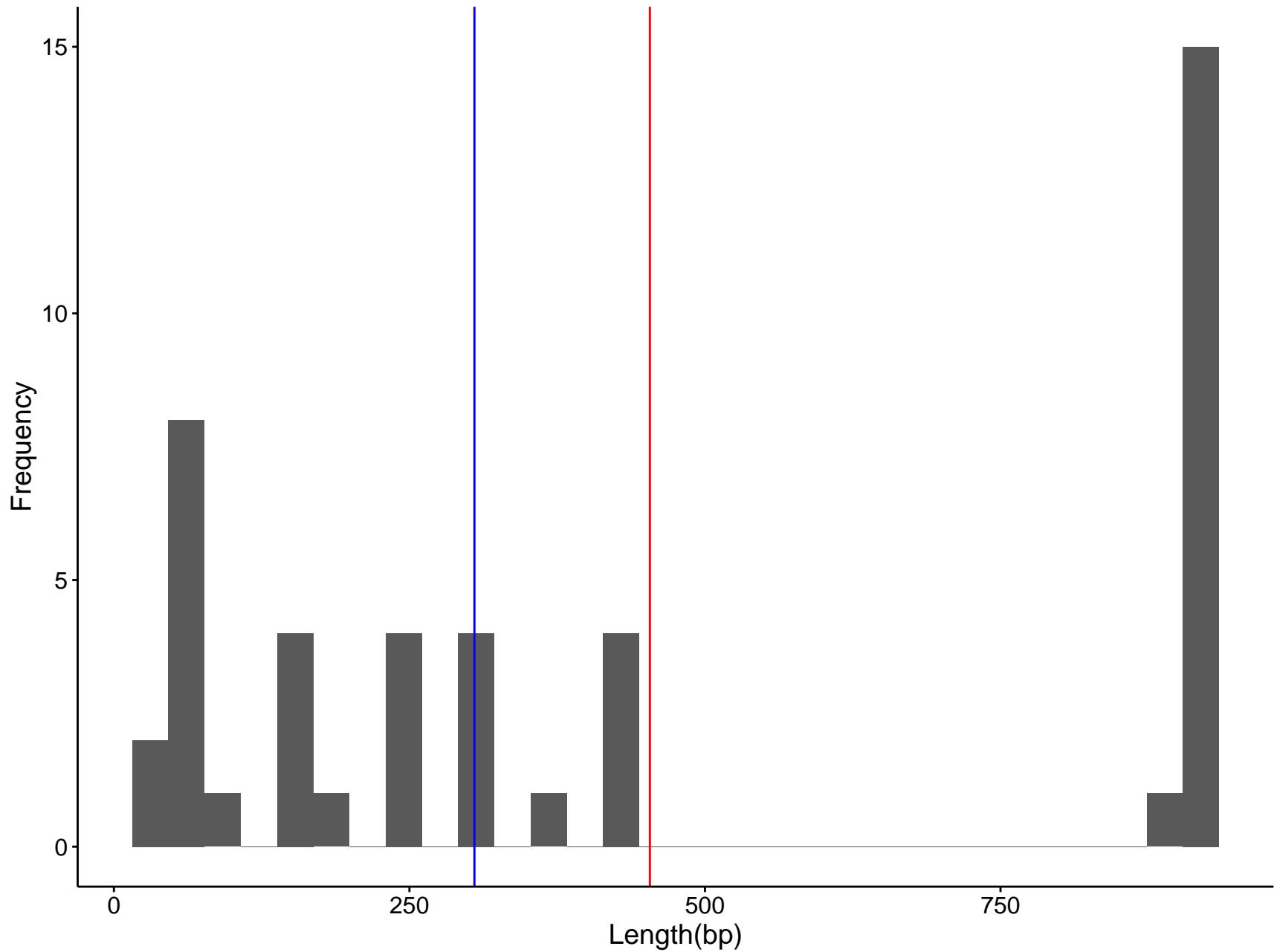
Cluster105



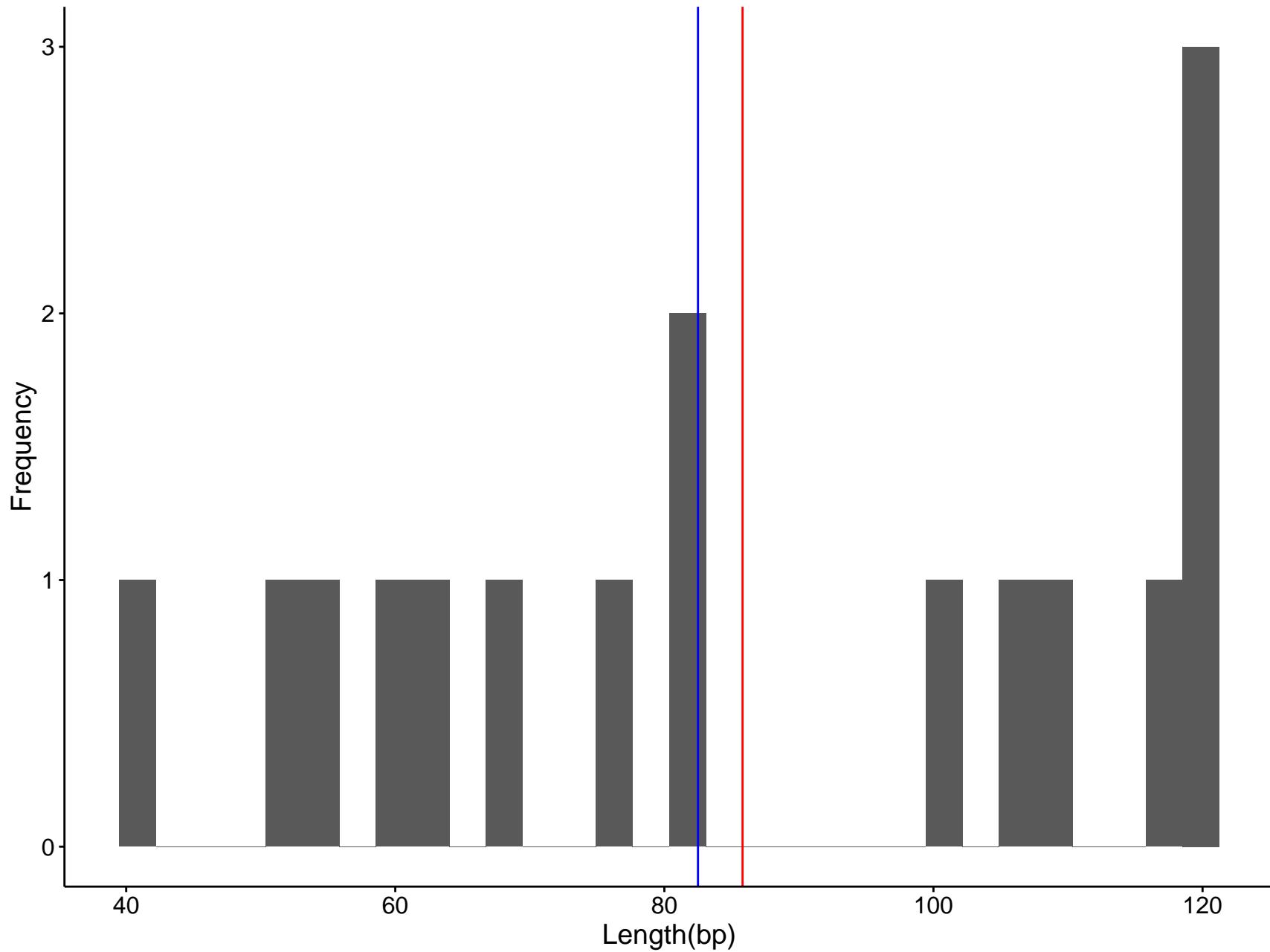
Cluster1060



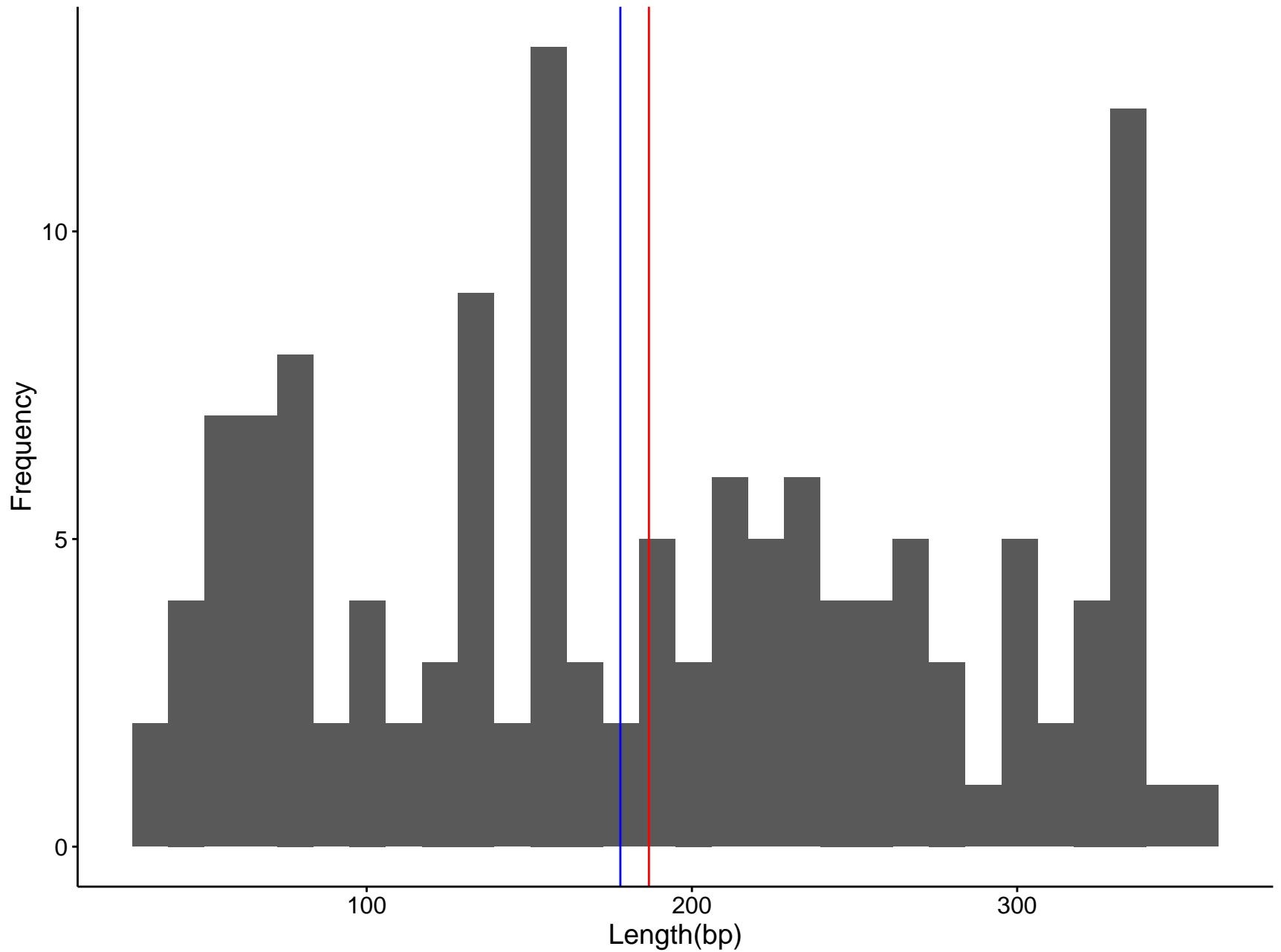
Cluster1061



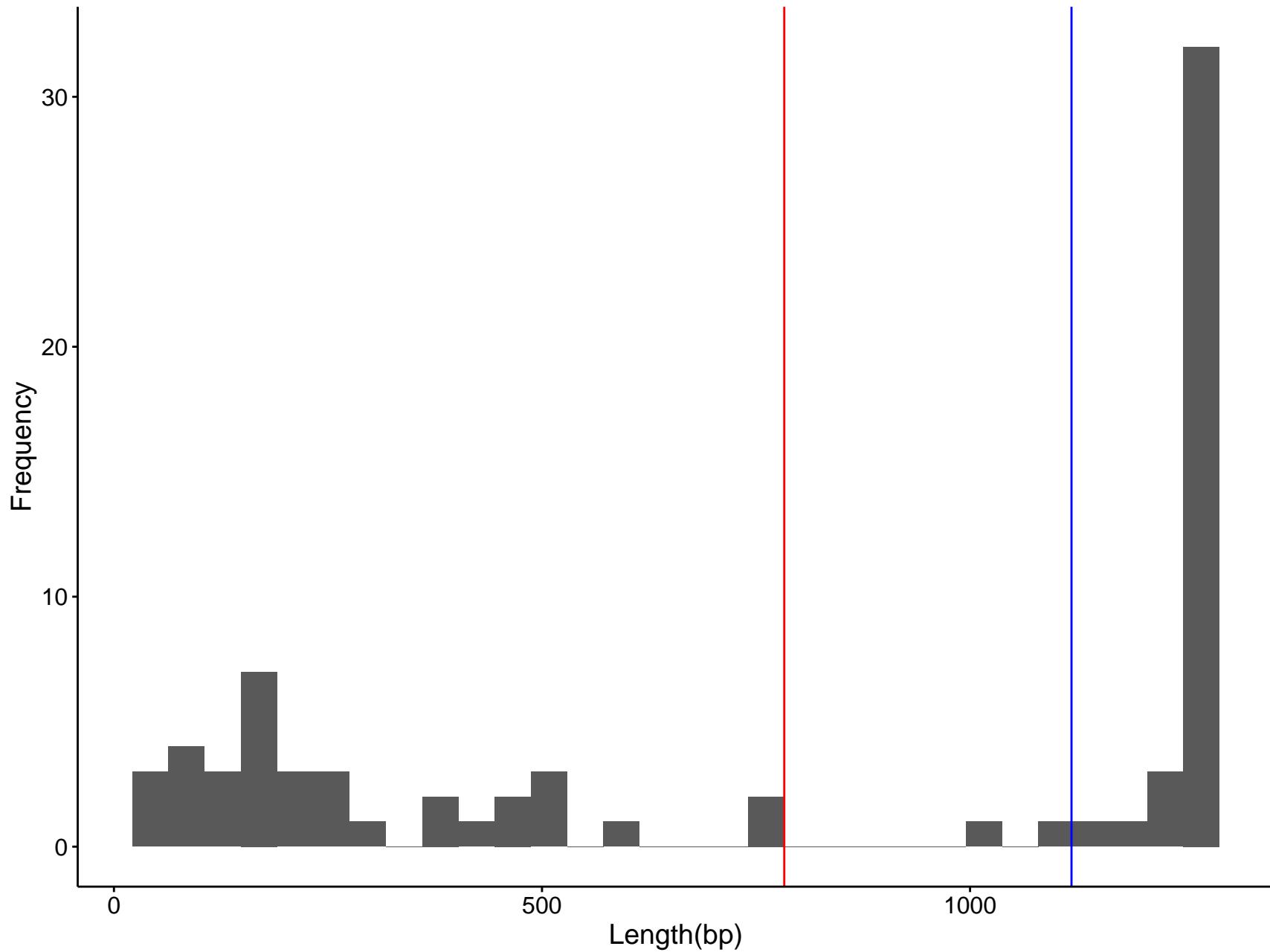
Cluster1062



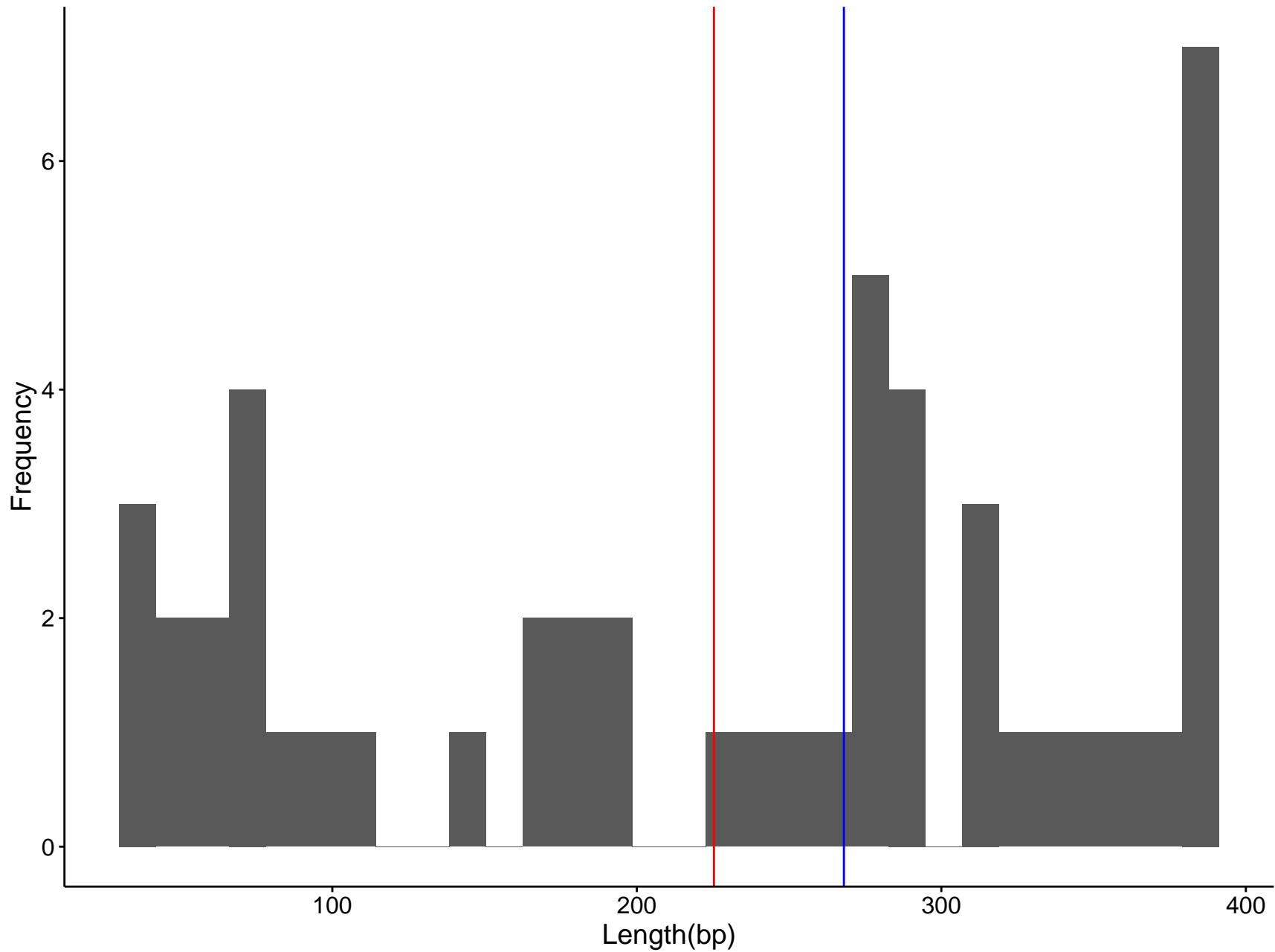
Cluster1063



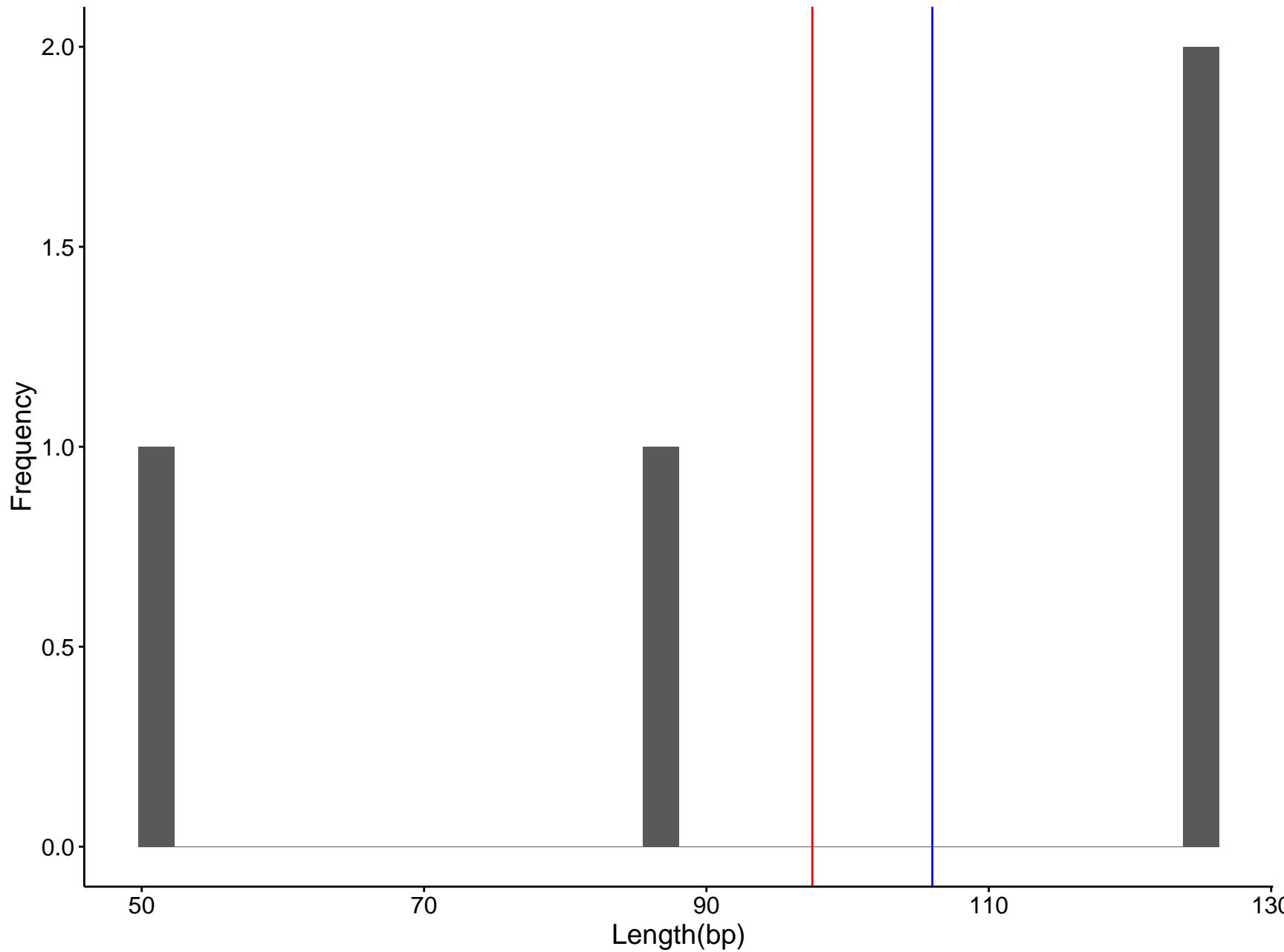
Cluster1064



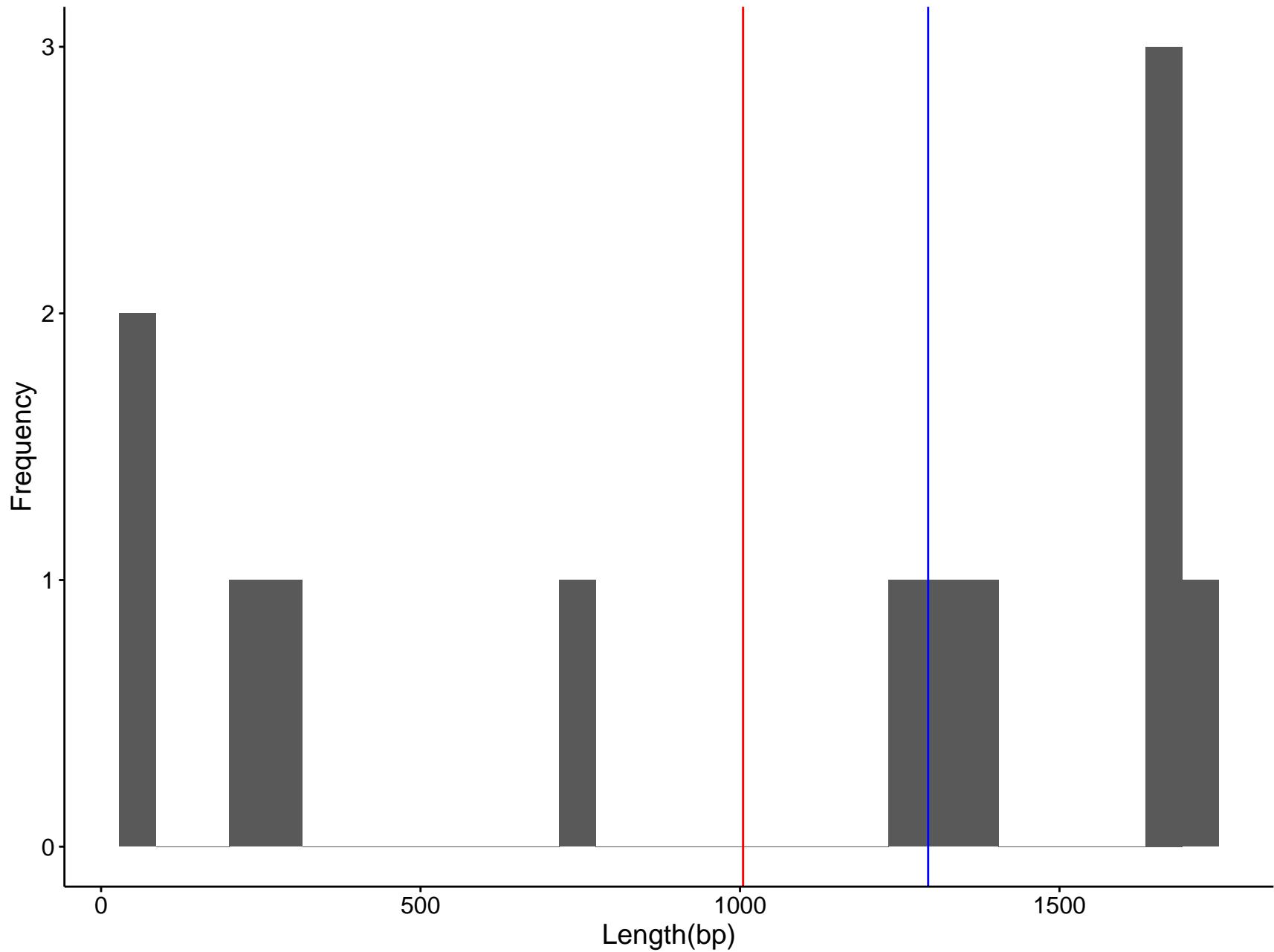
Cluster1065



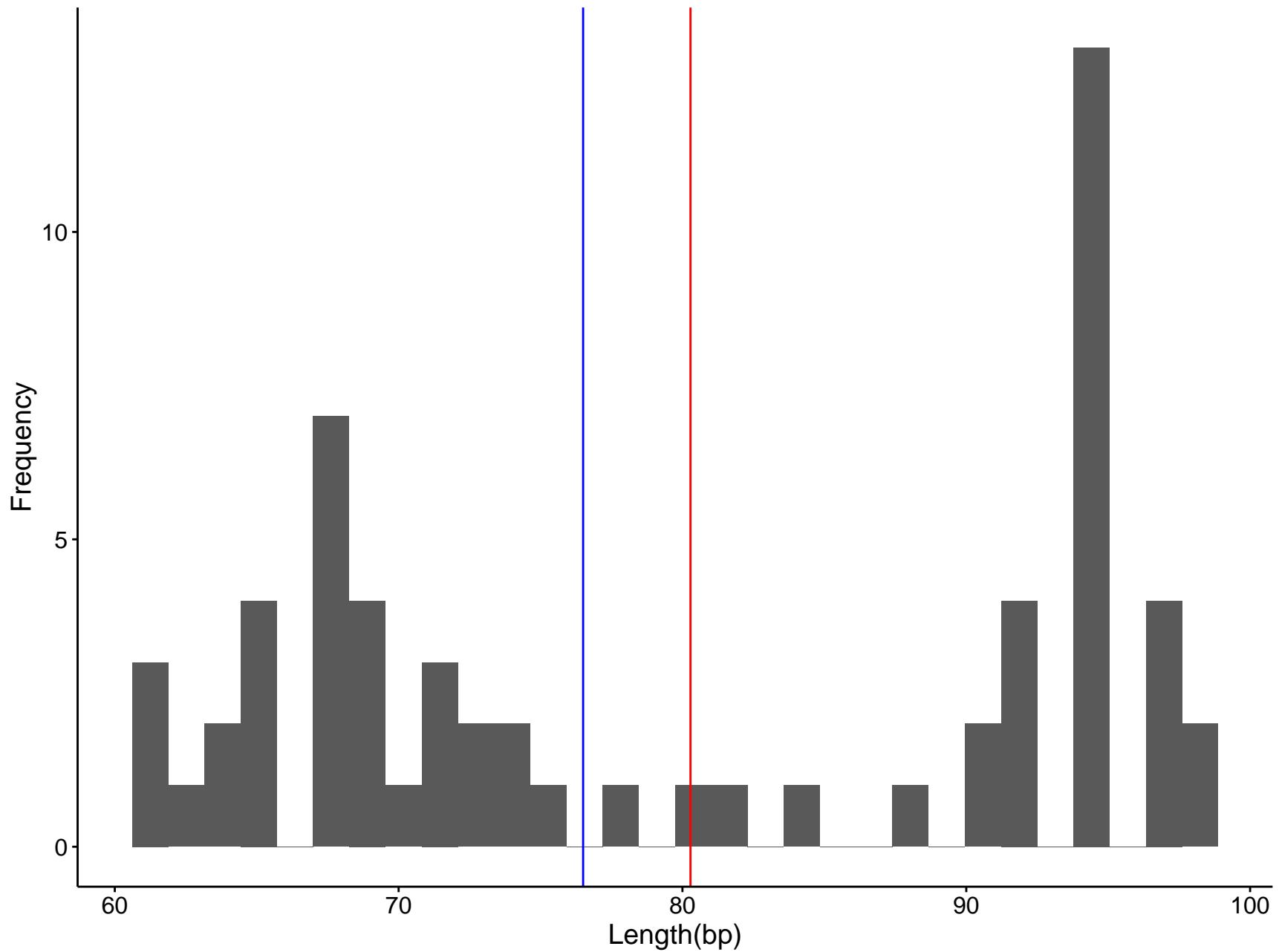
Cluster1066



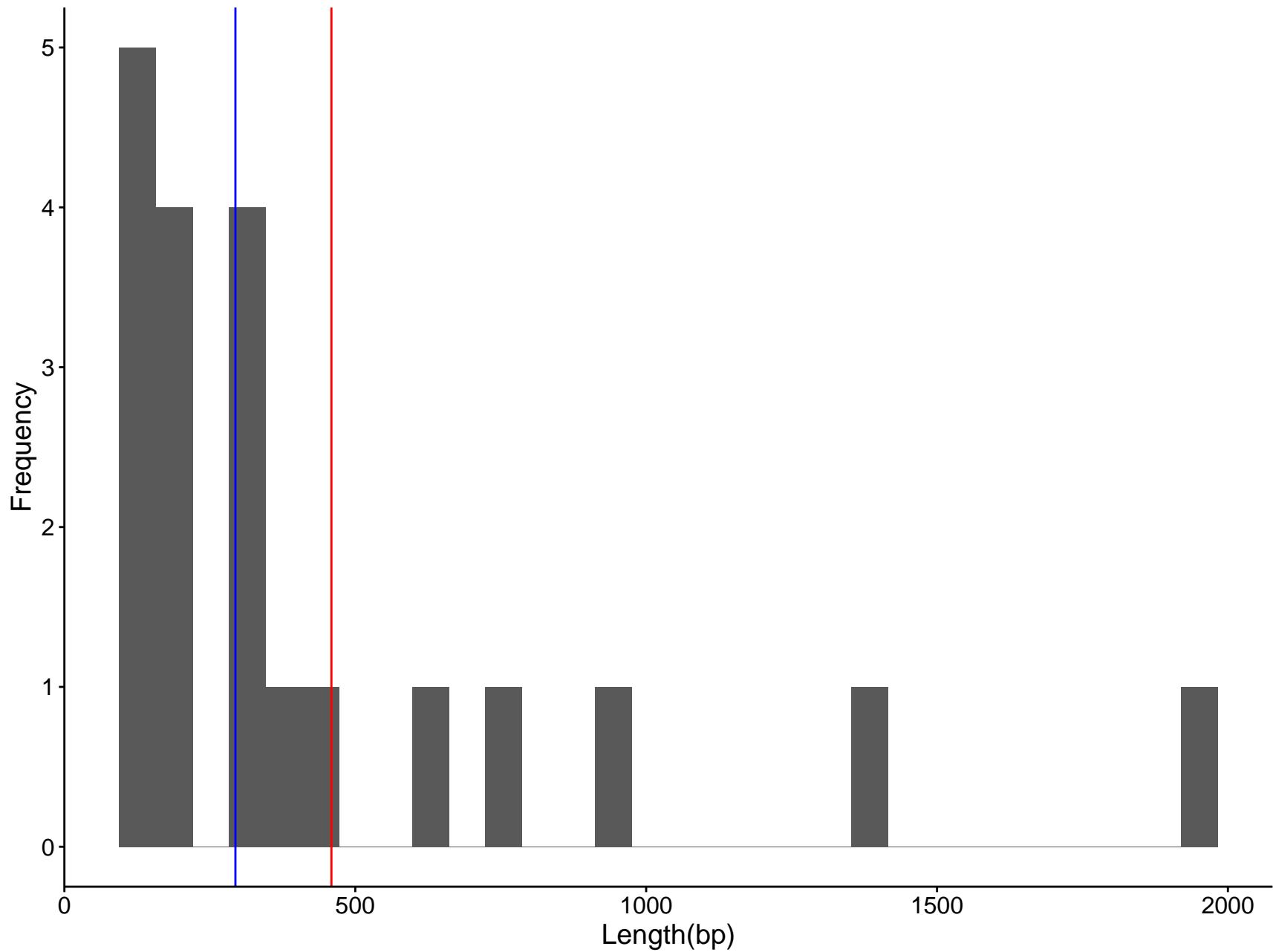
Cluster1068



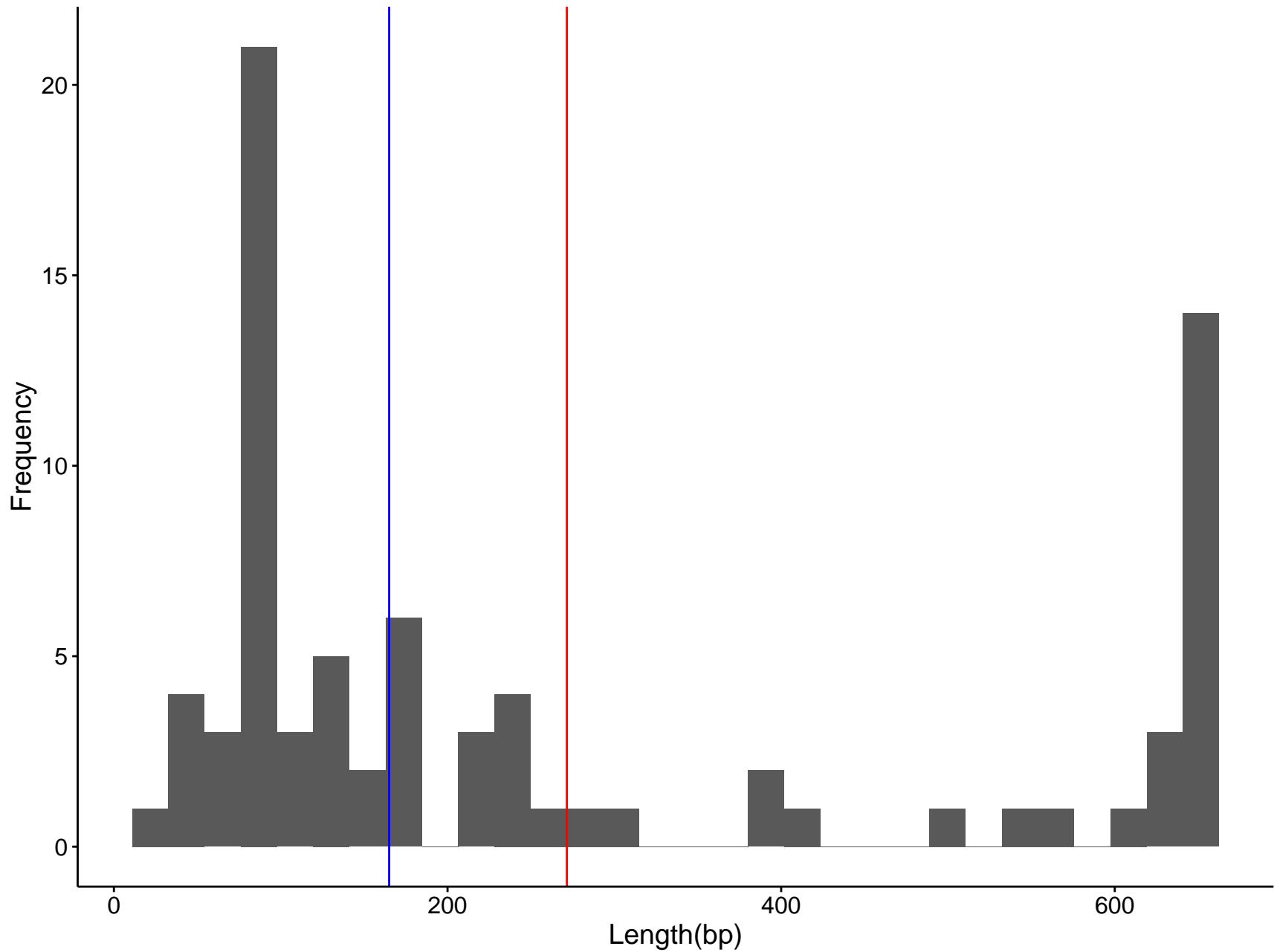
Cluster1069



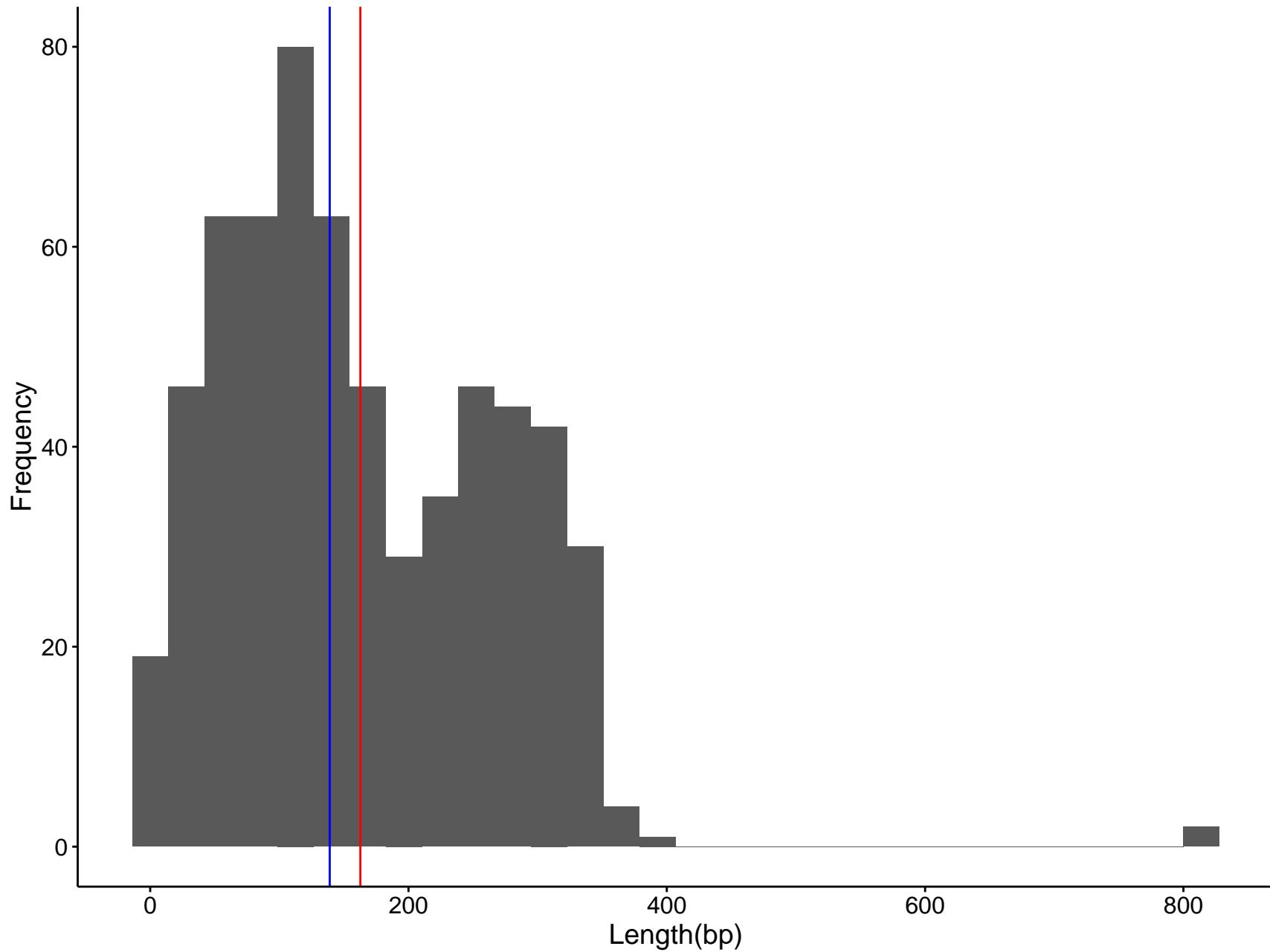
Cluster106



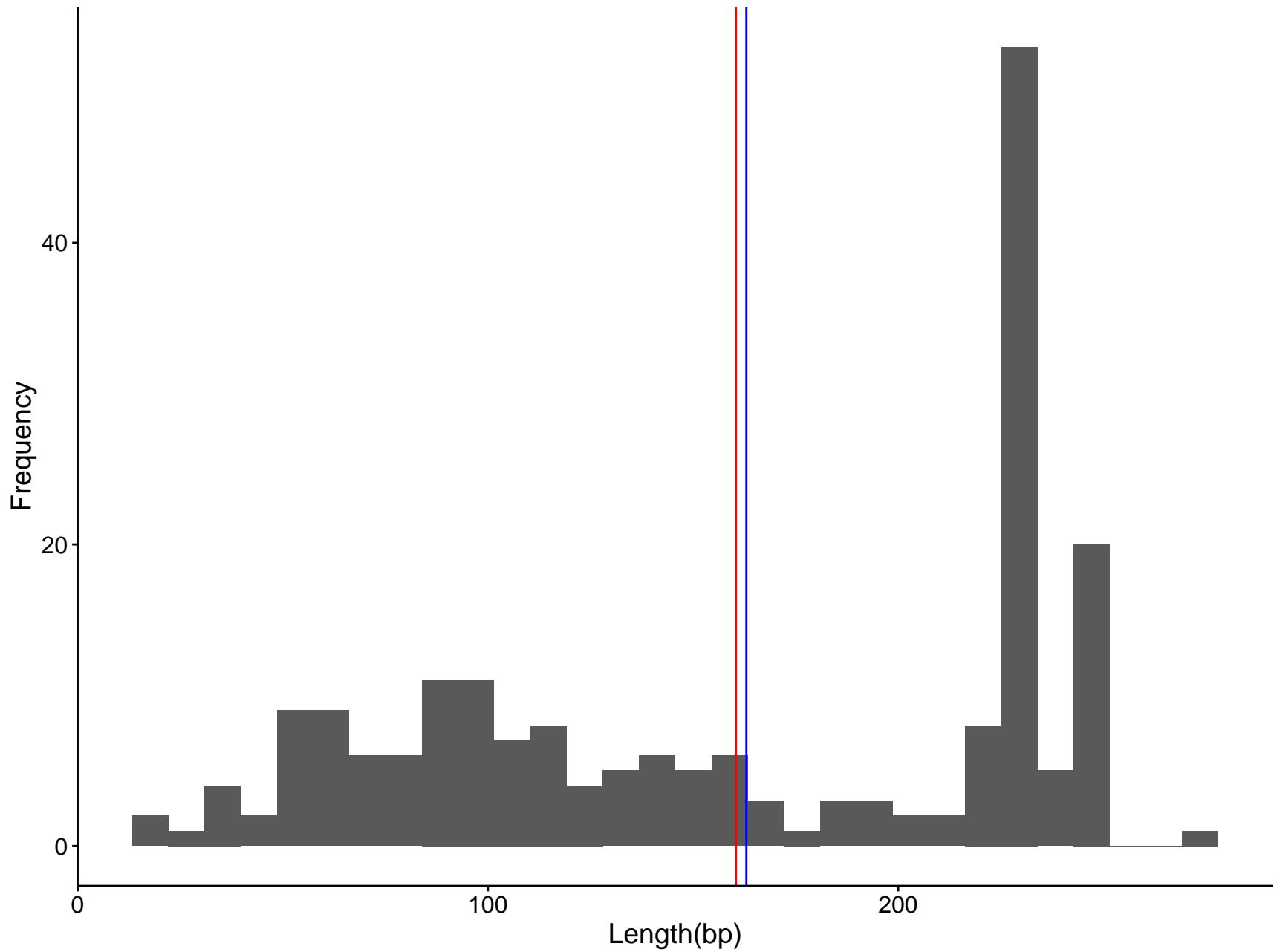
Cluster1071



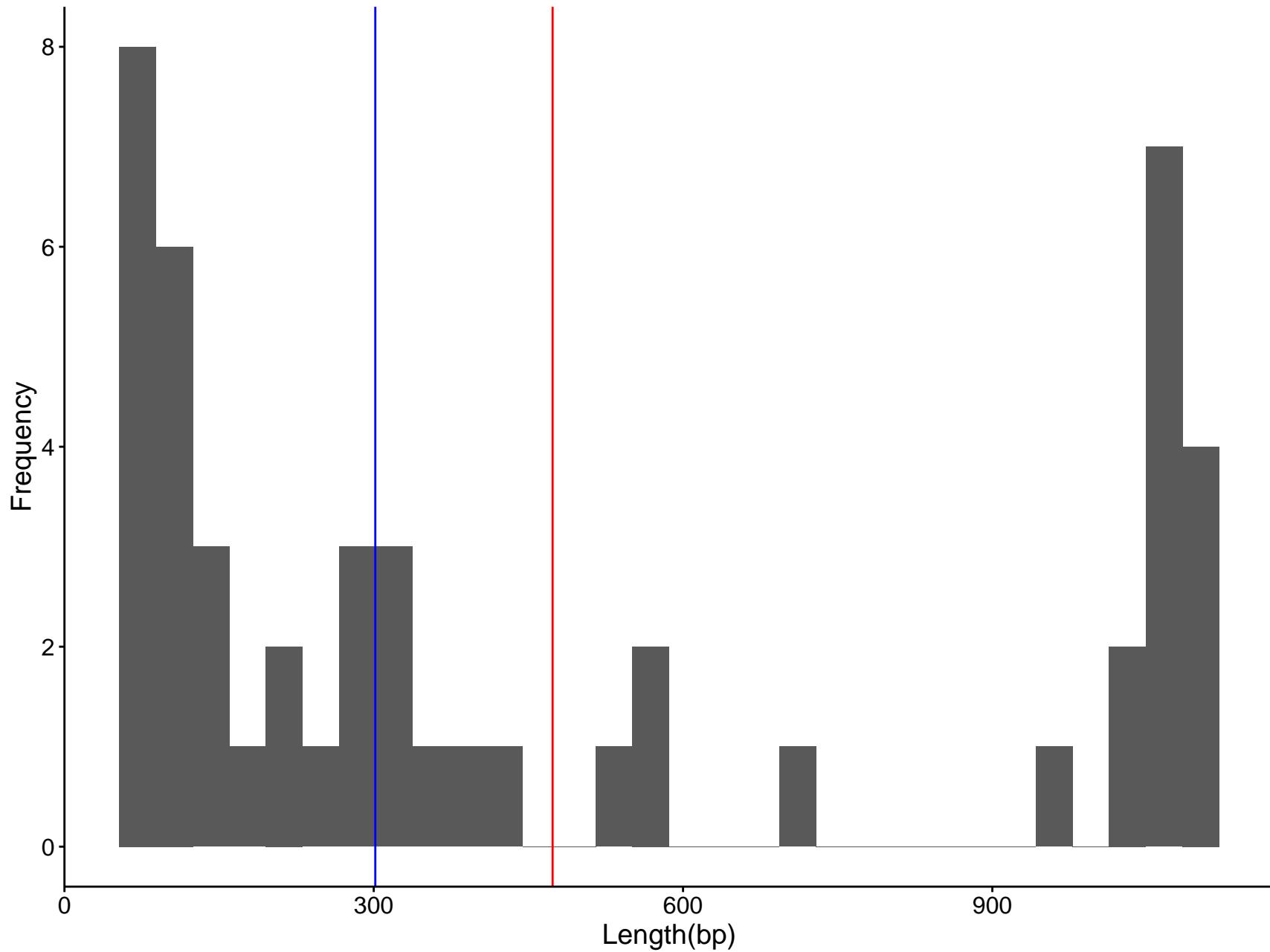
Cluster1072



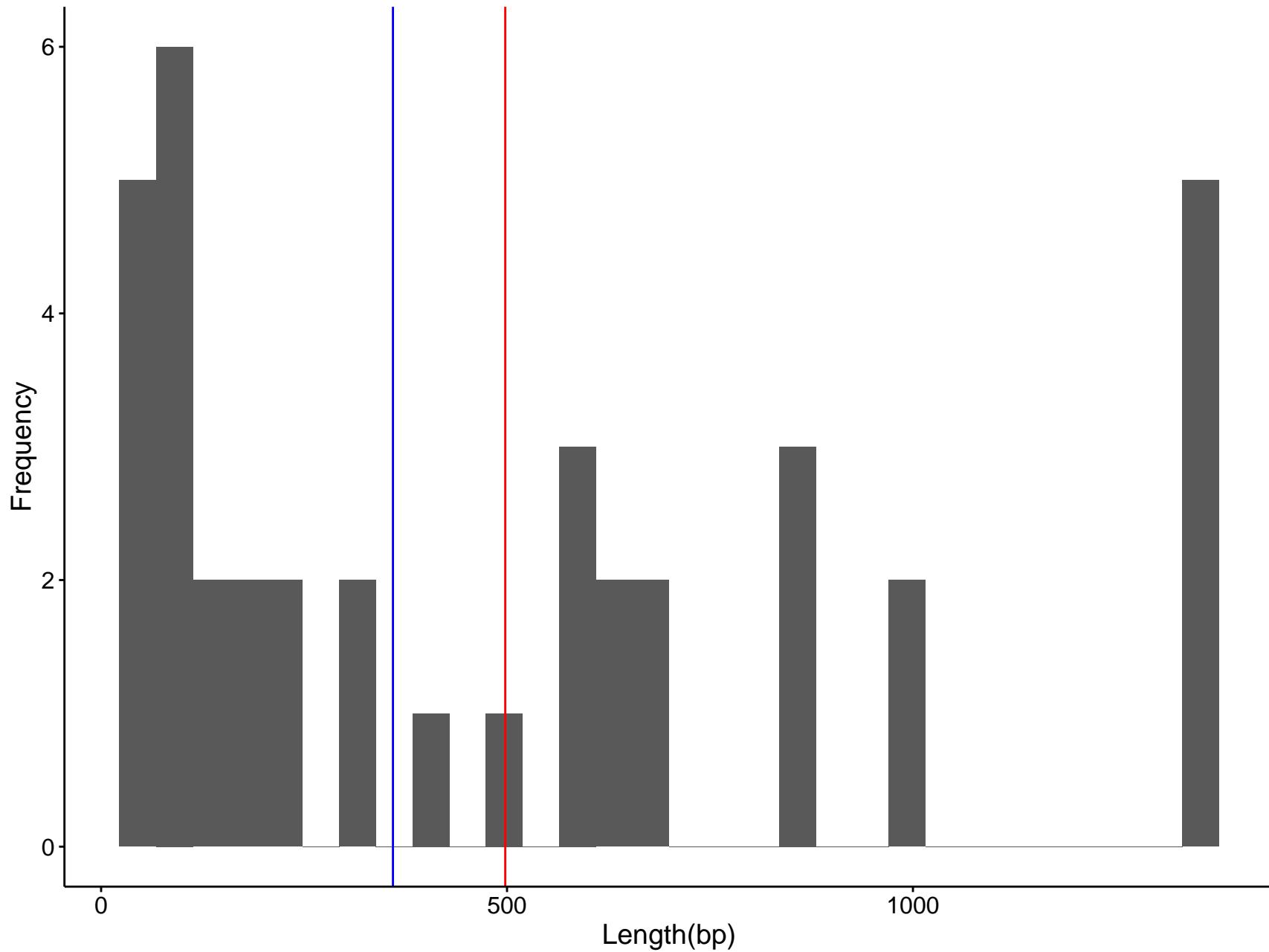
Cluster1073



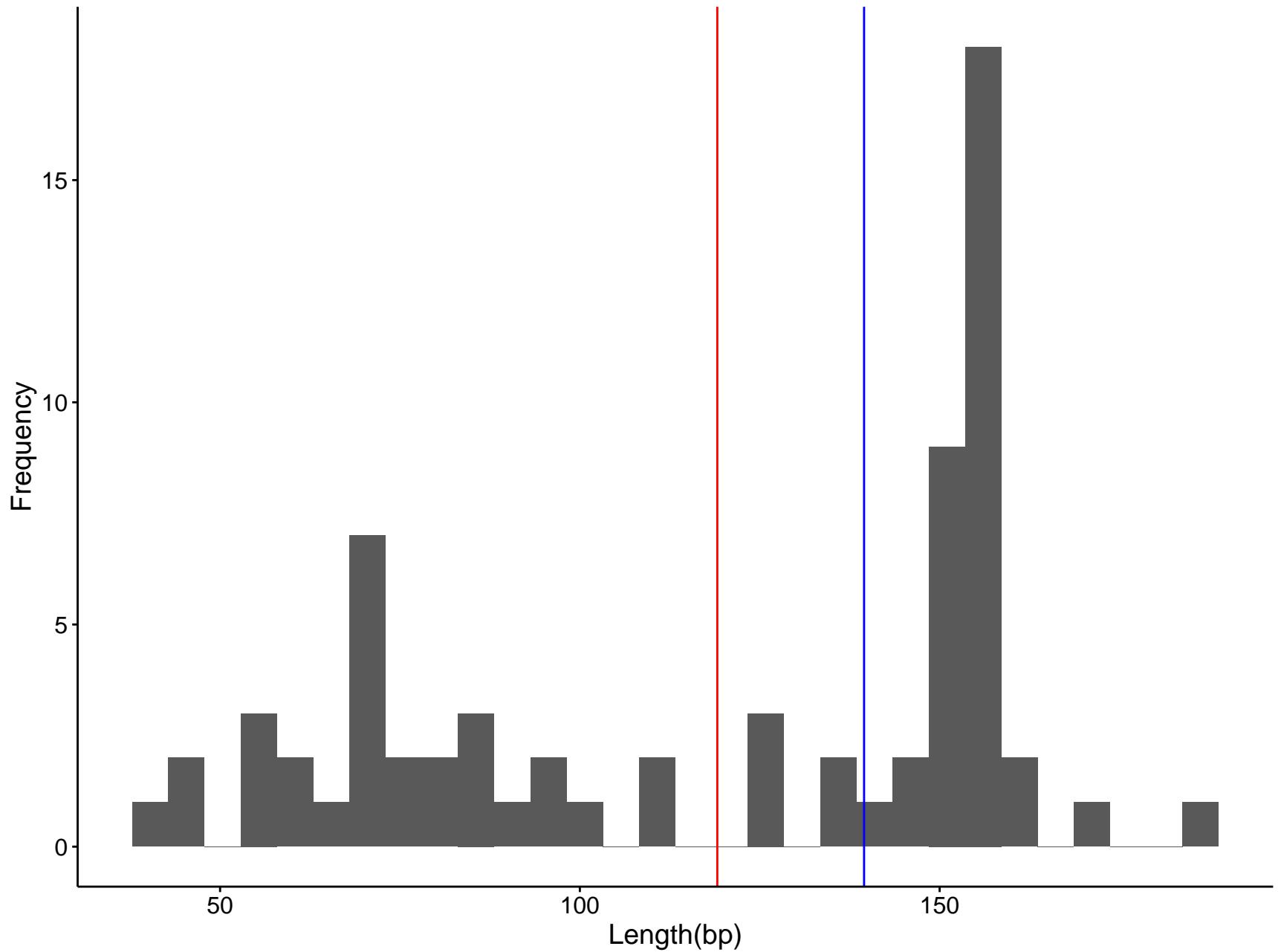
Cluster1074

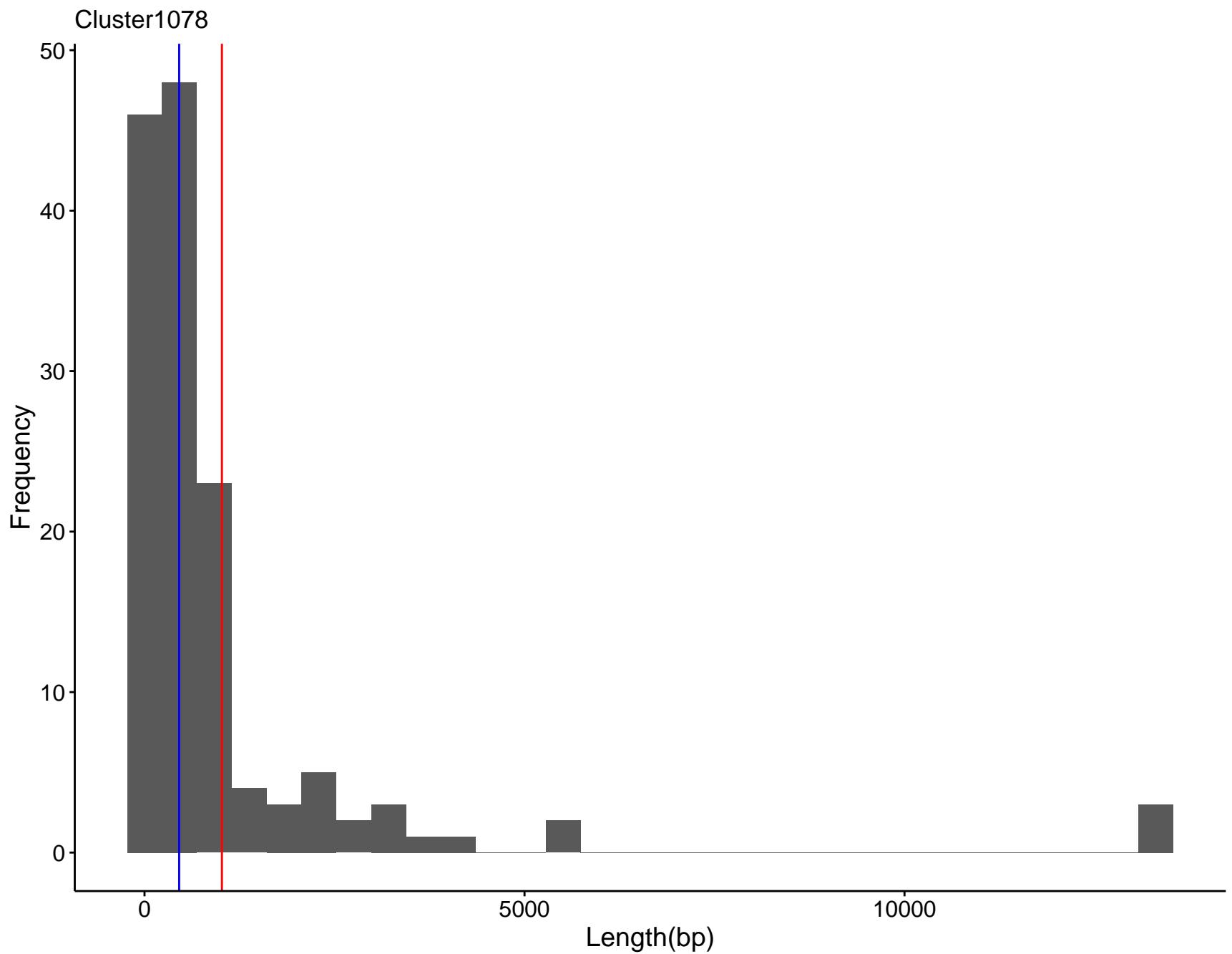


Cluster1075

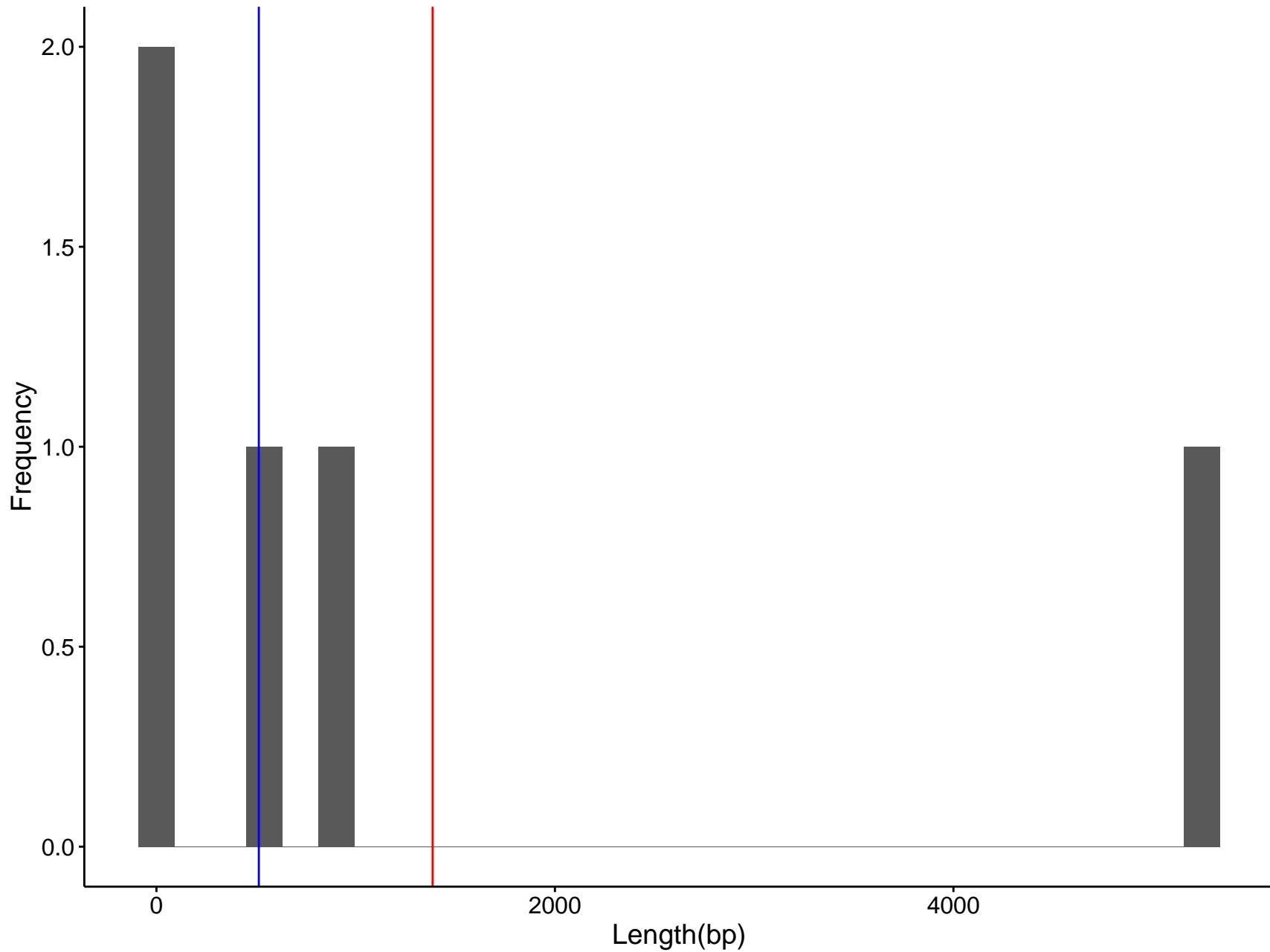


Cluster1077

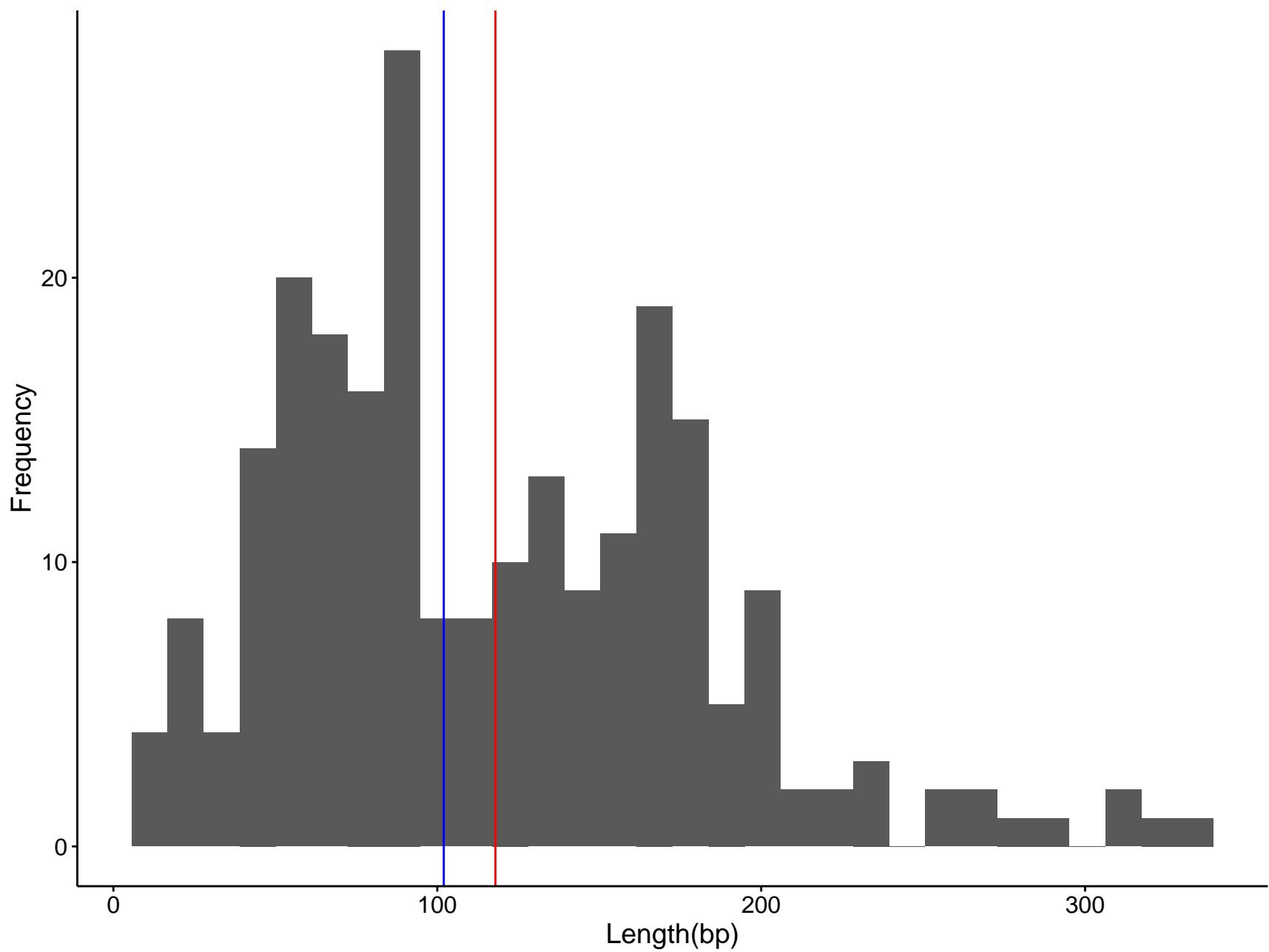




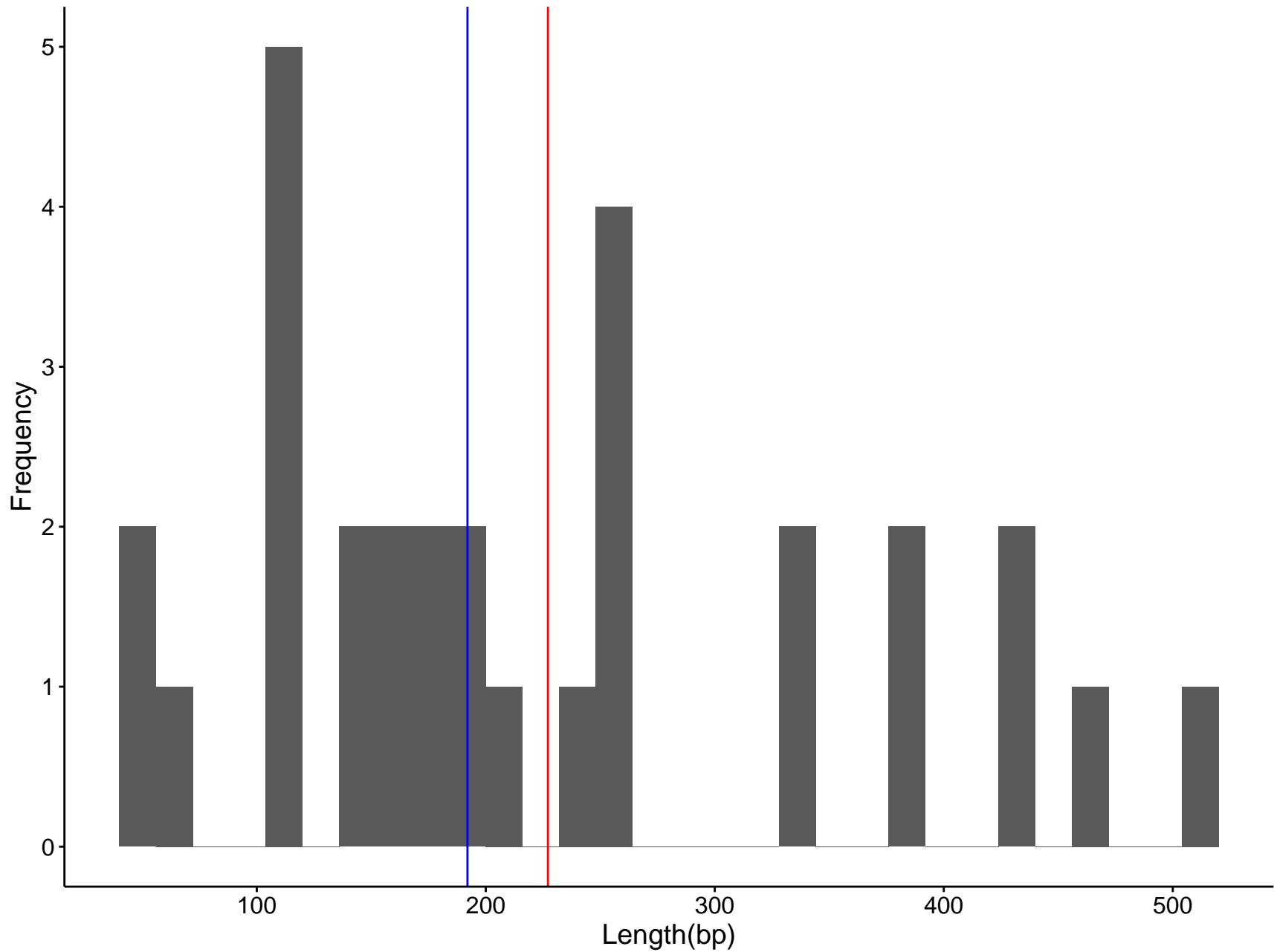
Cluster107



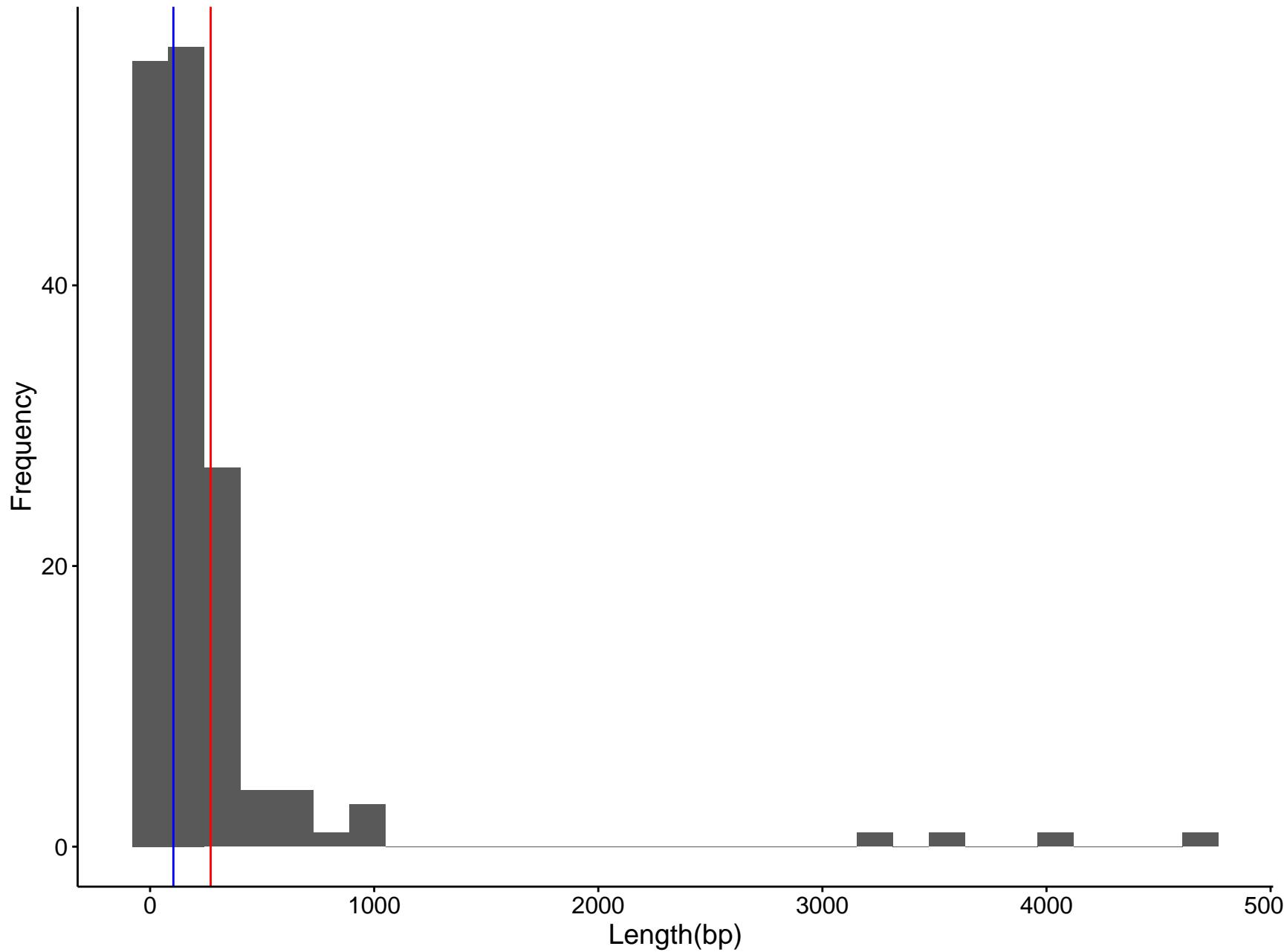
Cluster1081



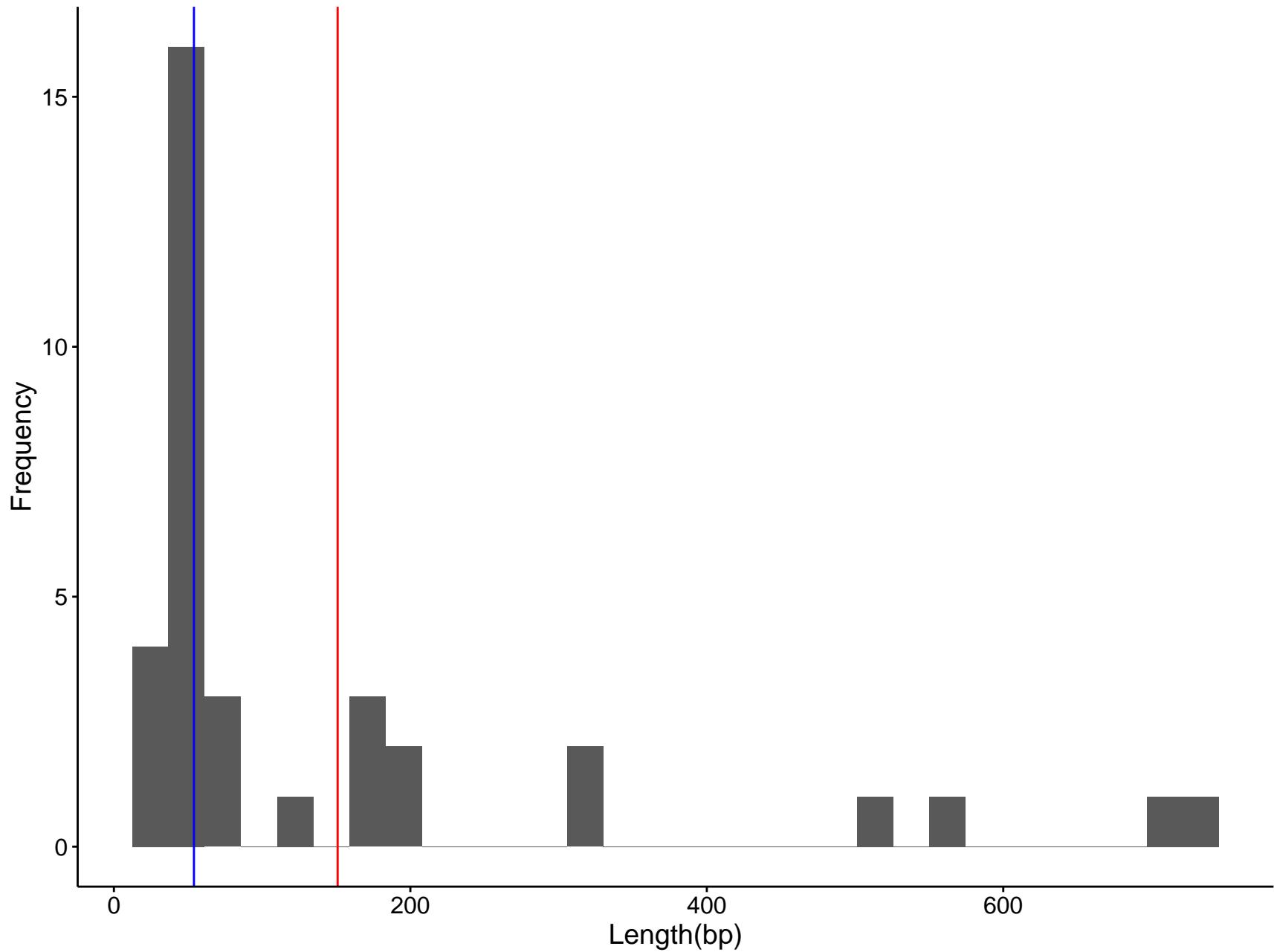
Cluster1084



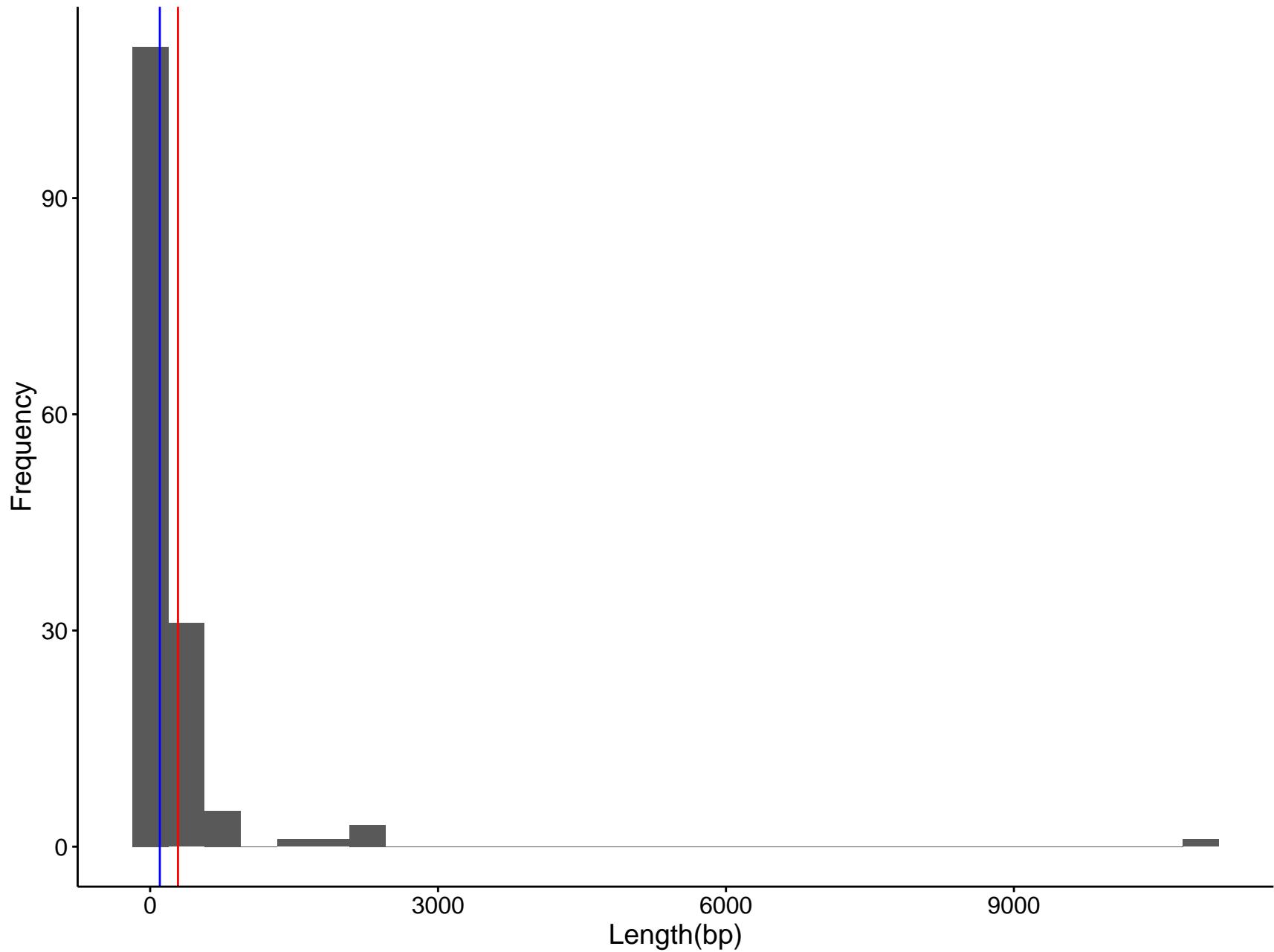
Cluster1085



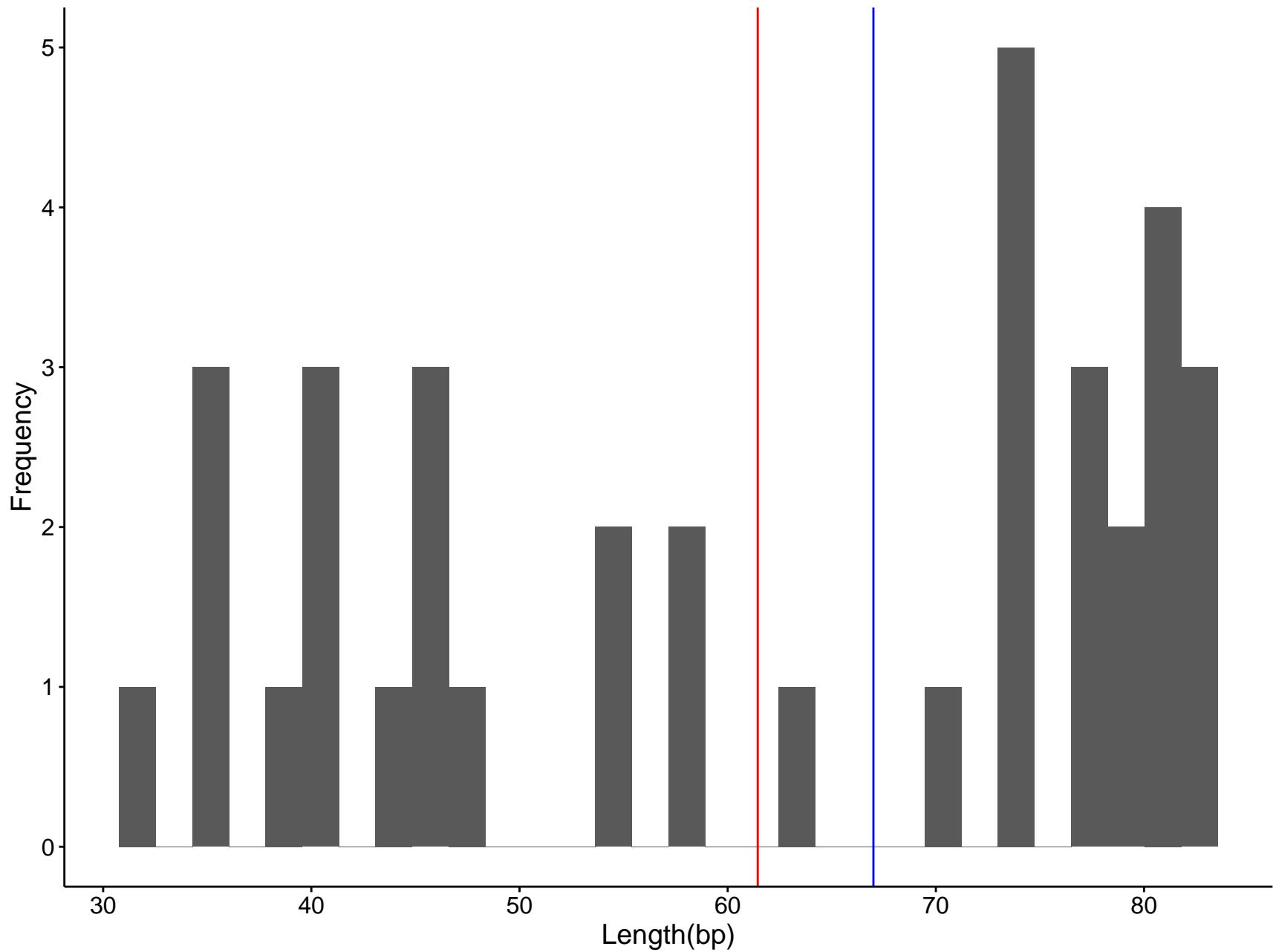
Cluster1089



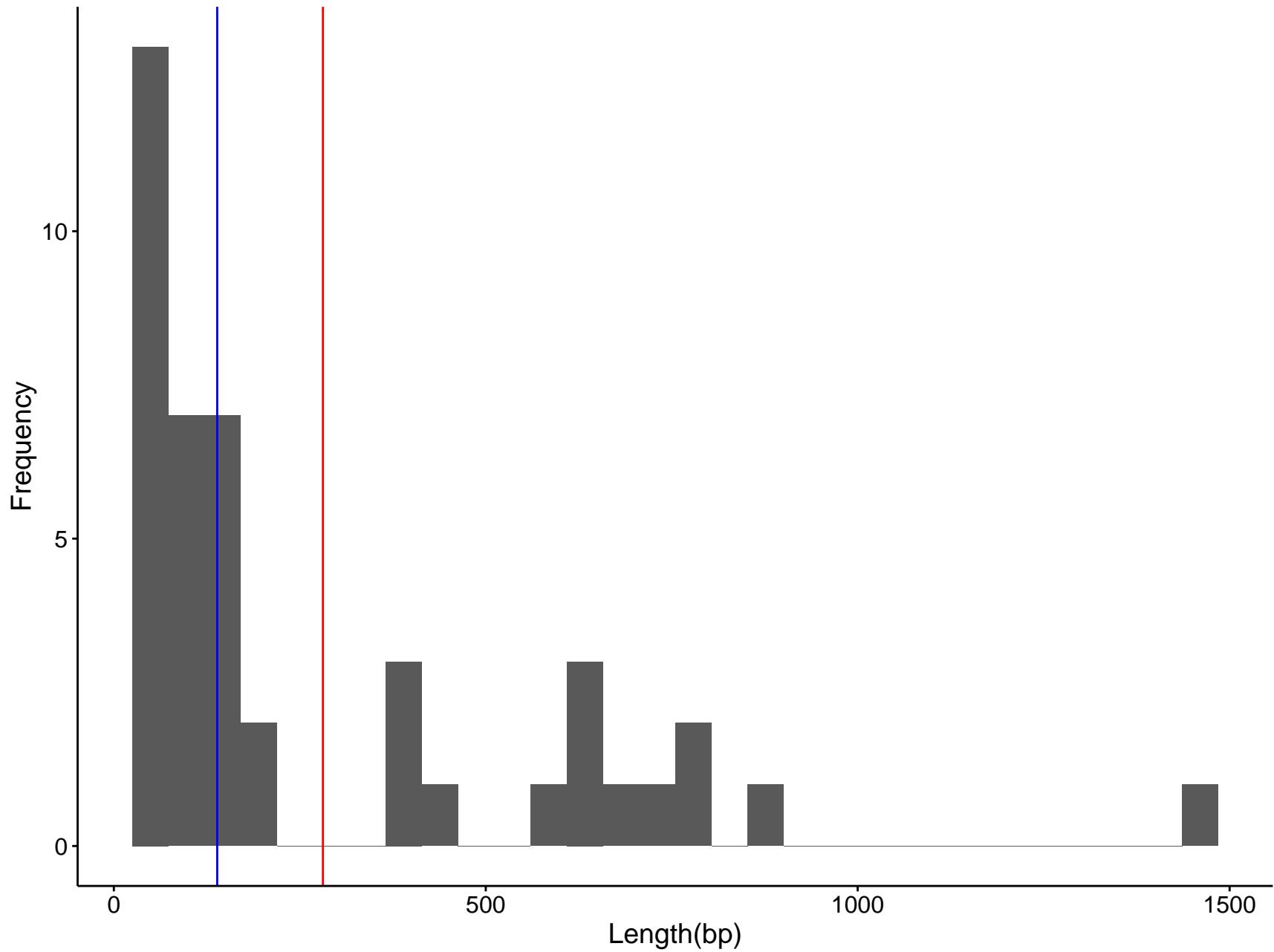
Cluster108



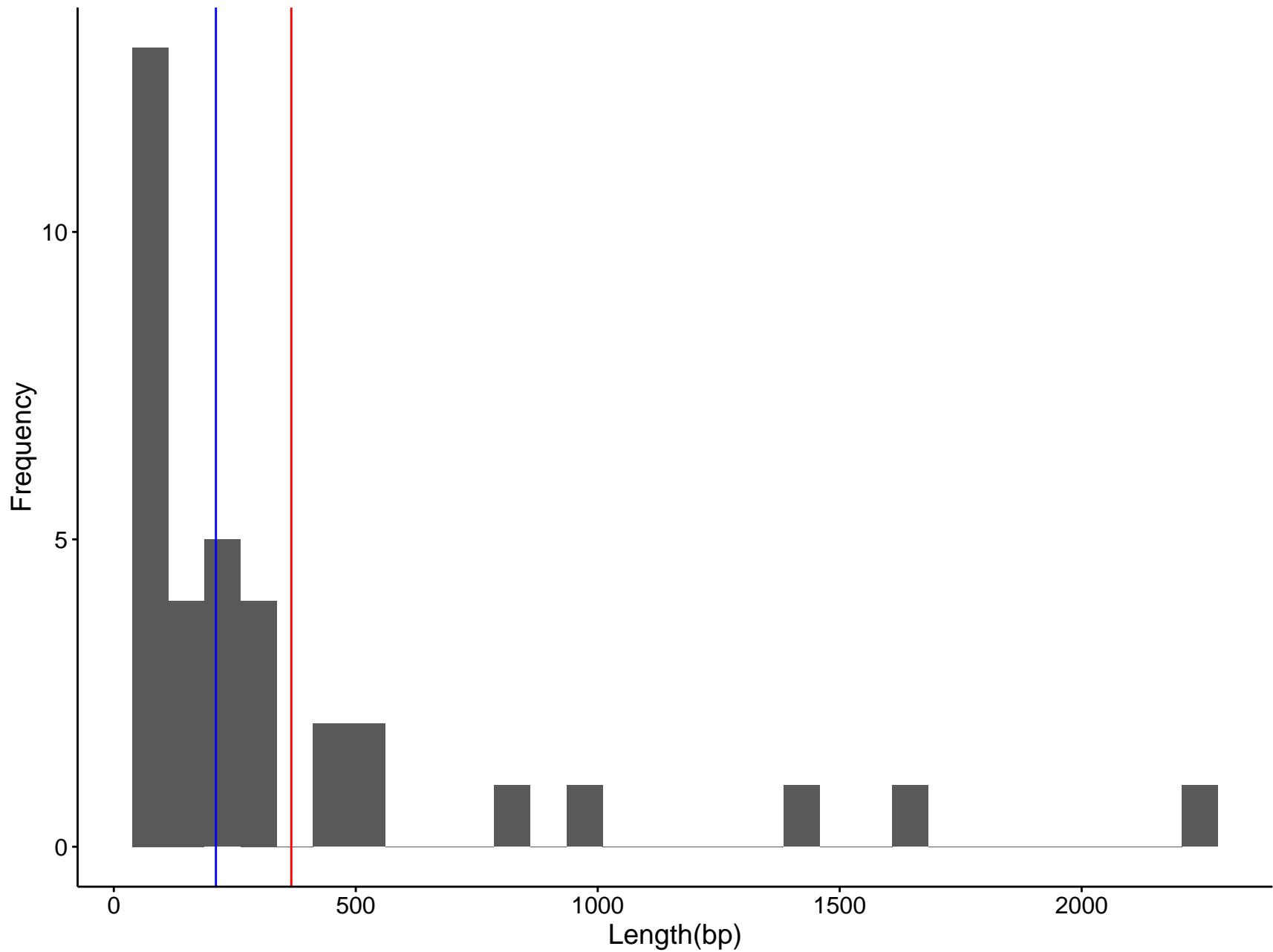
Cluster1090



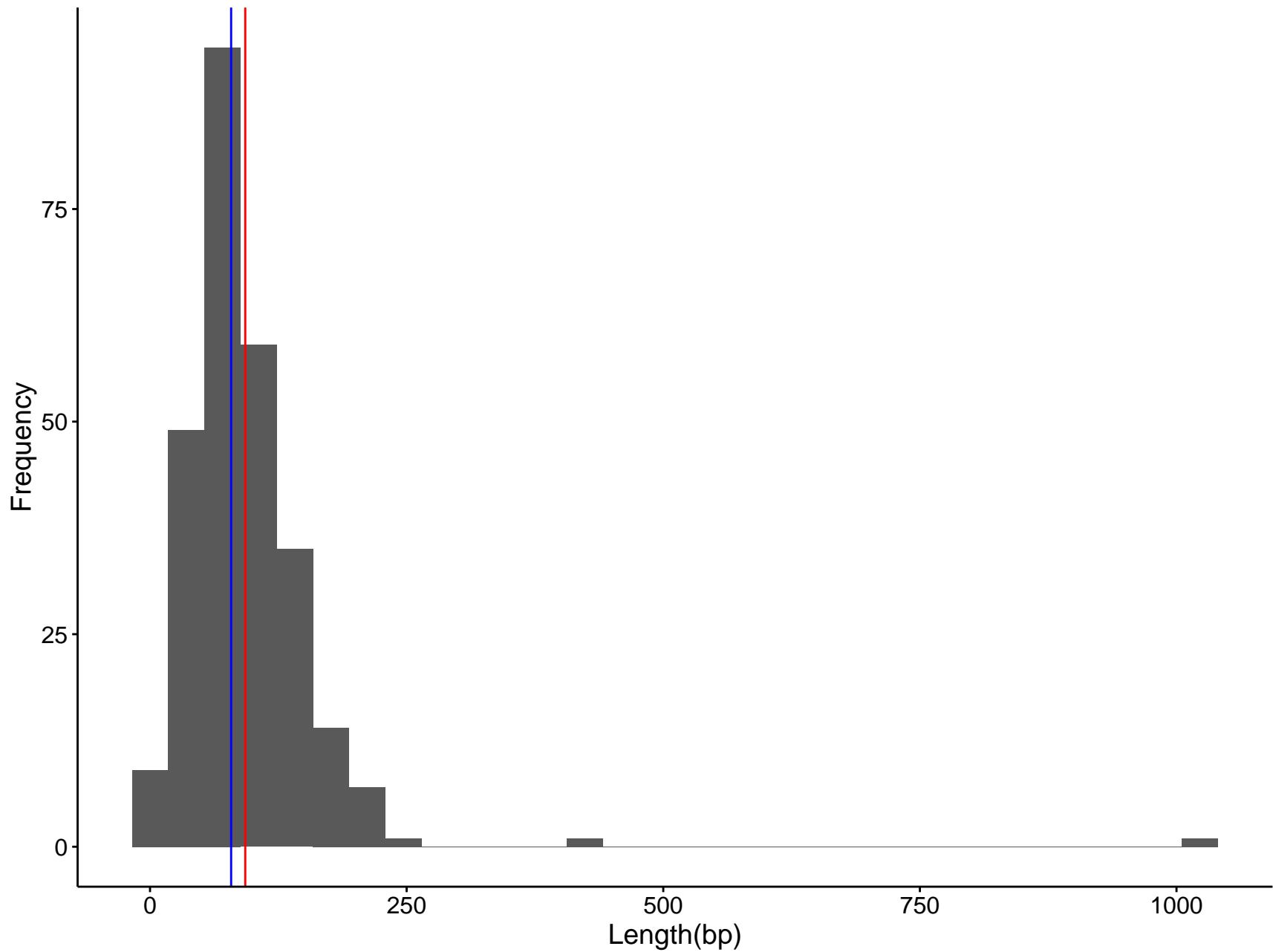
Cluster1091



Cluster1092



Cluster1093



Cluster1094

Frequency

5004.950

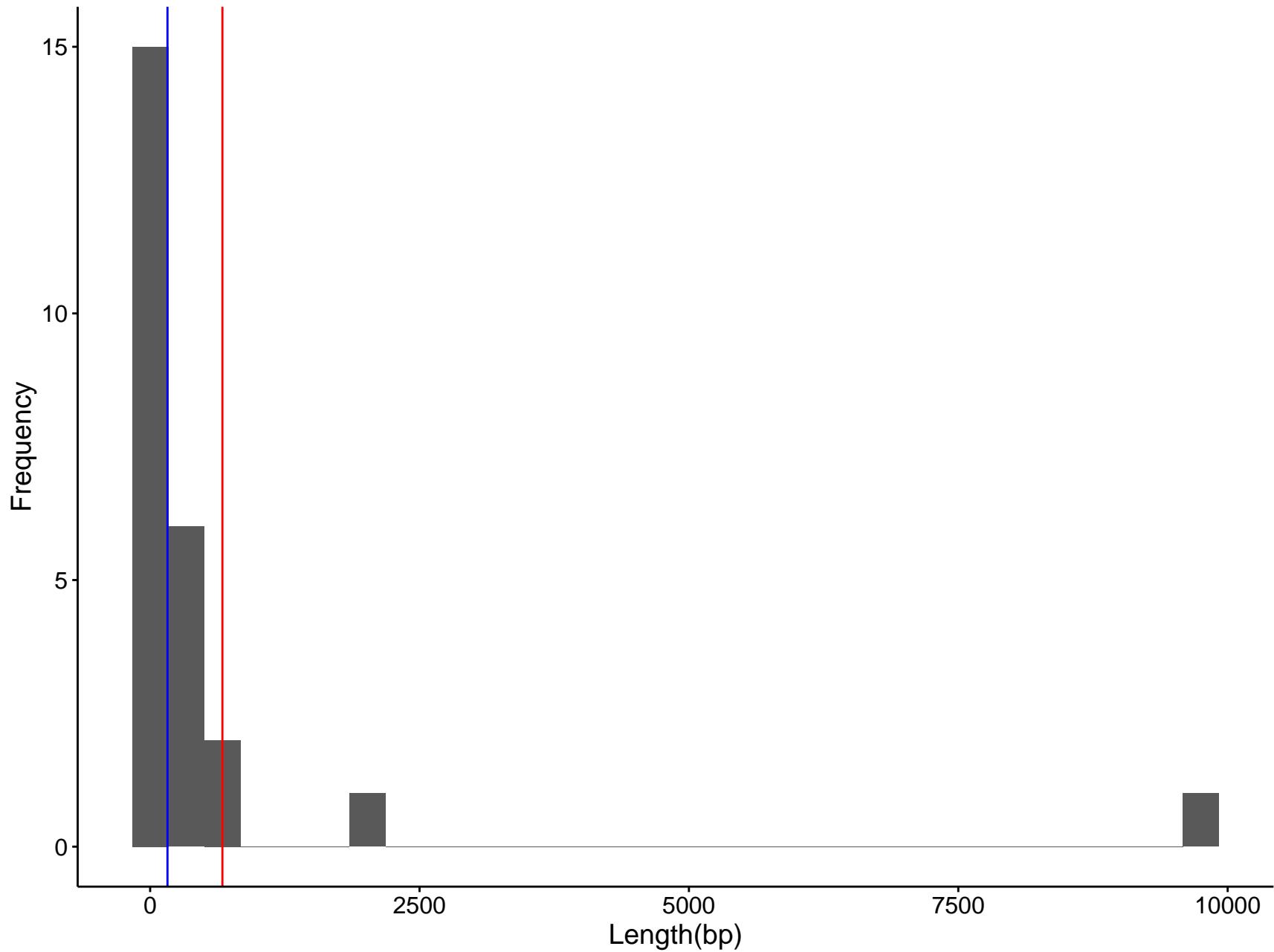
5004.975

5005.000
Length(bp)

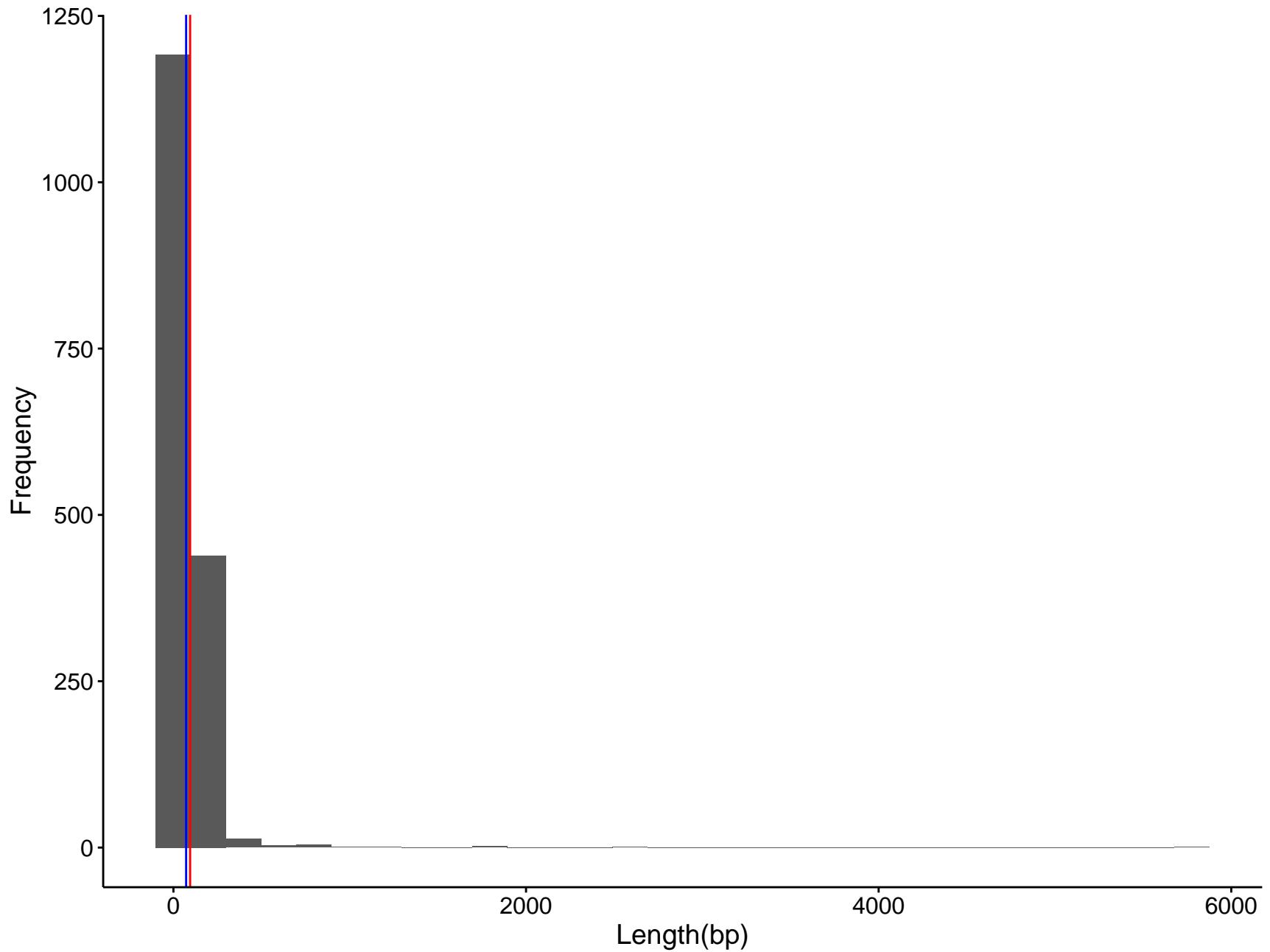
5005.025



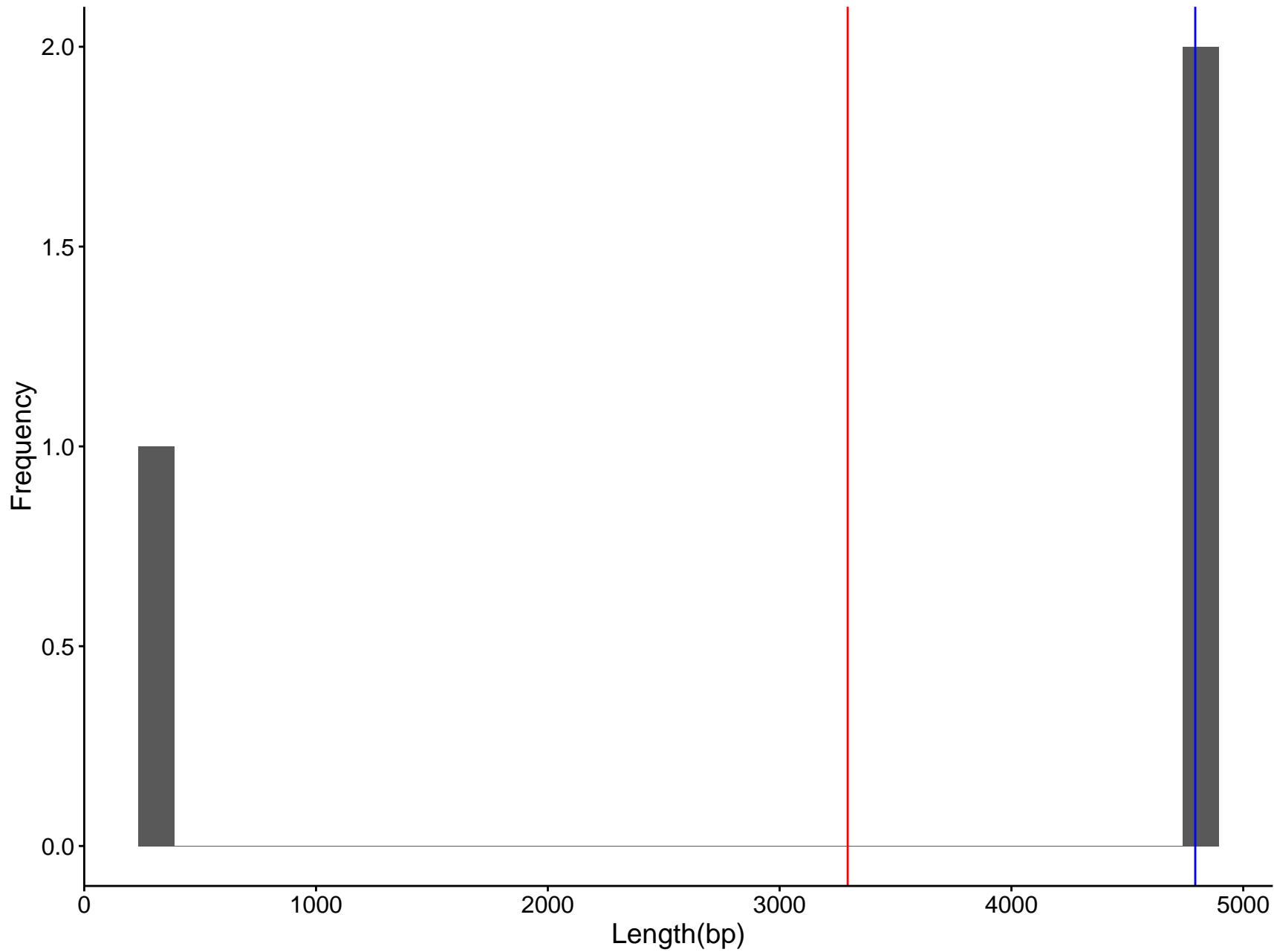
Cluster1095



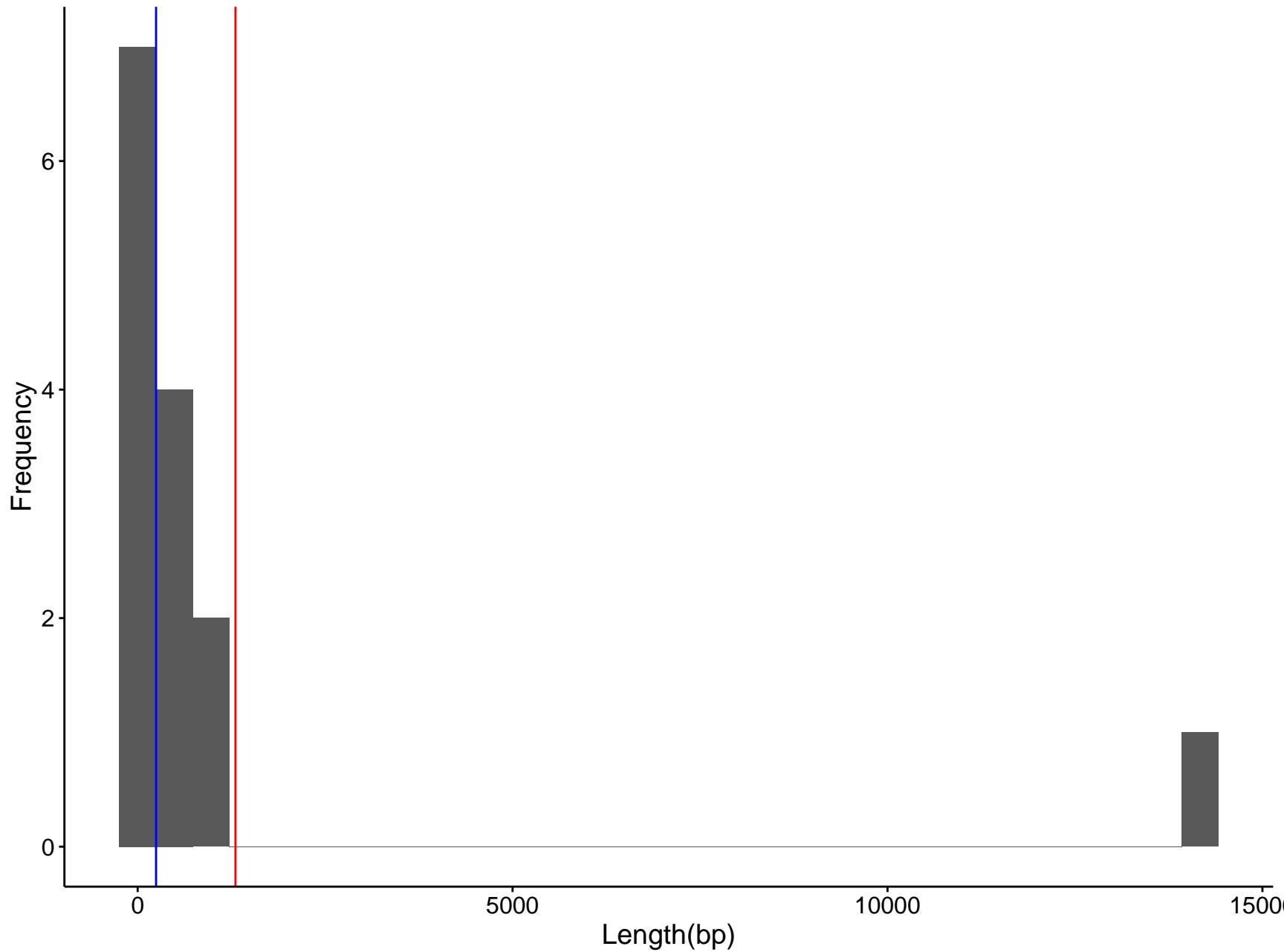
Cluster1096



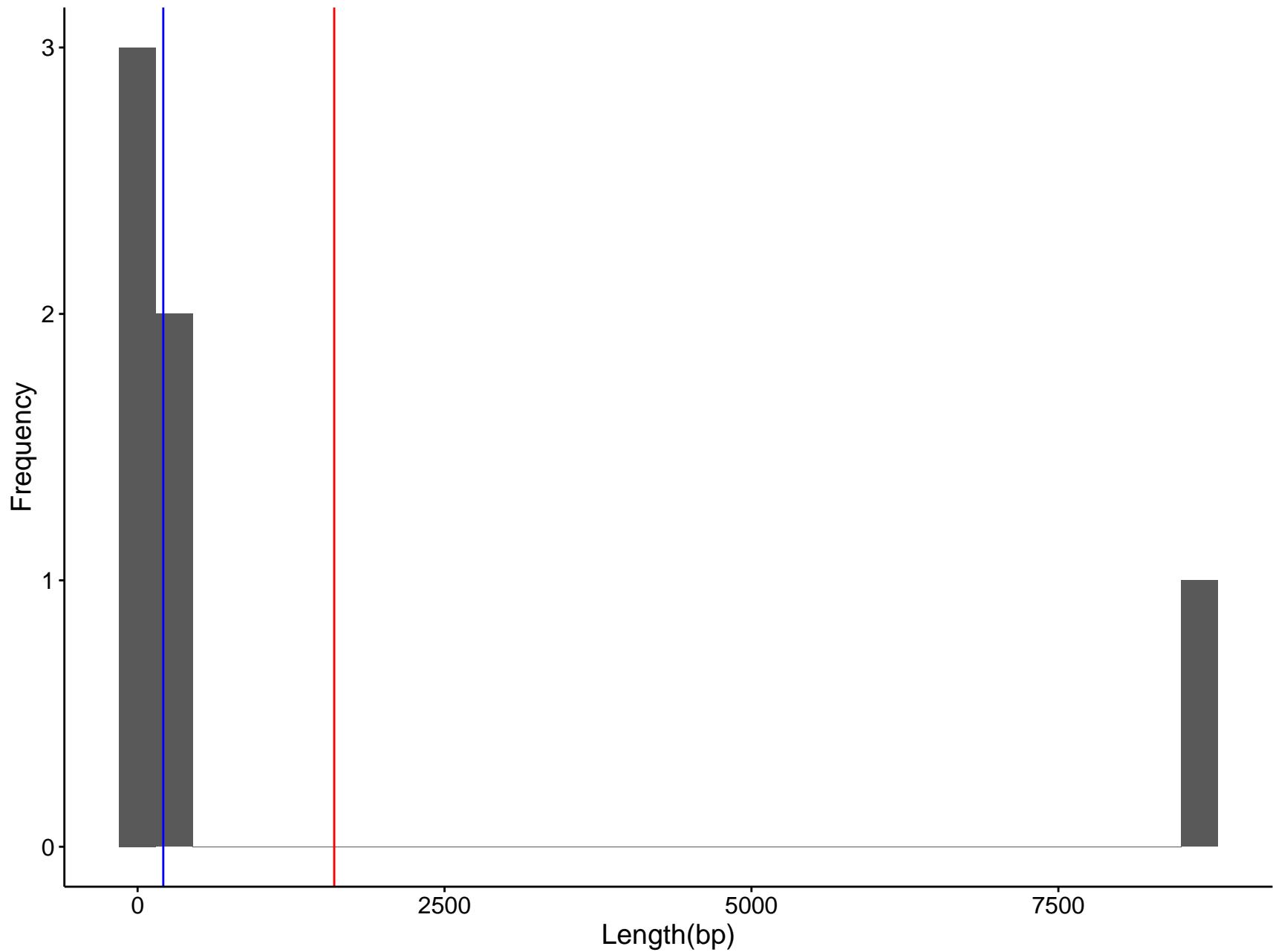
Cluster1097



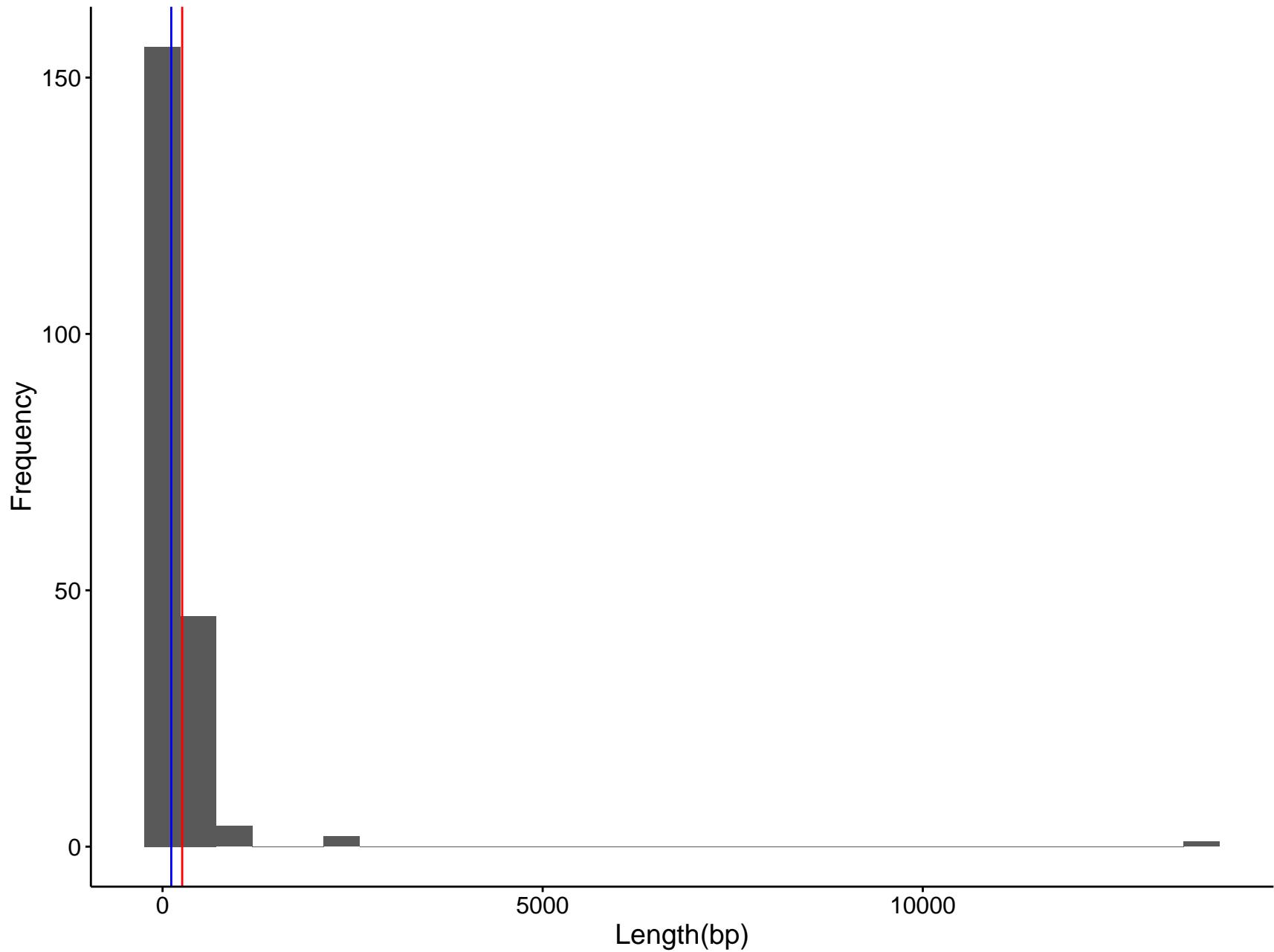
Cluster1098



Cluster1099



Cluster109



Cluster10

Frequency

272.950

272.975

273.000

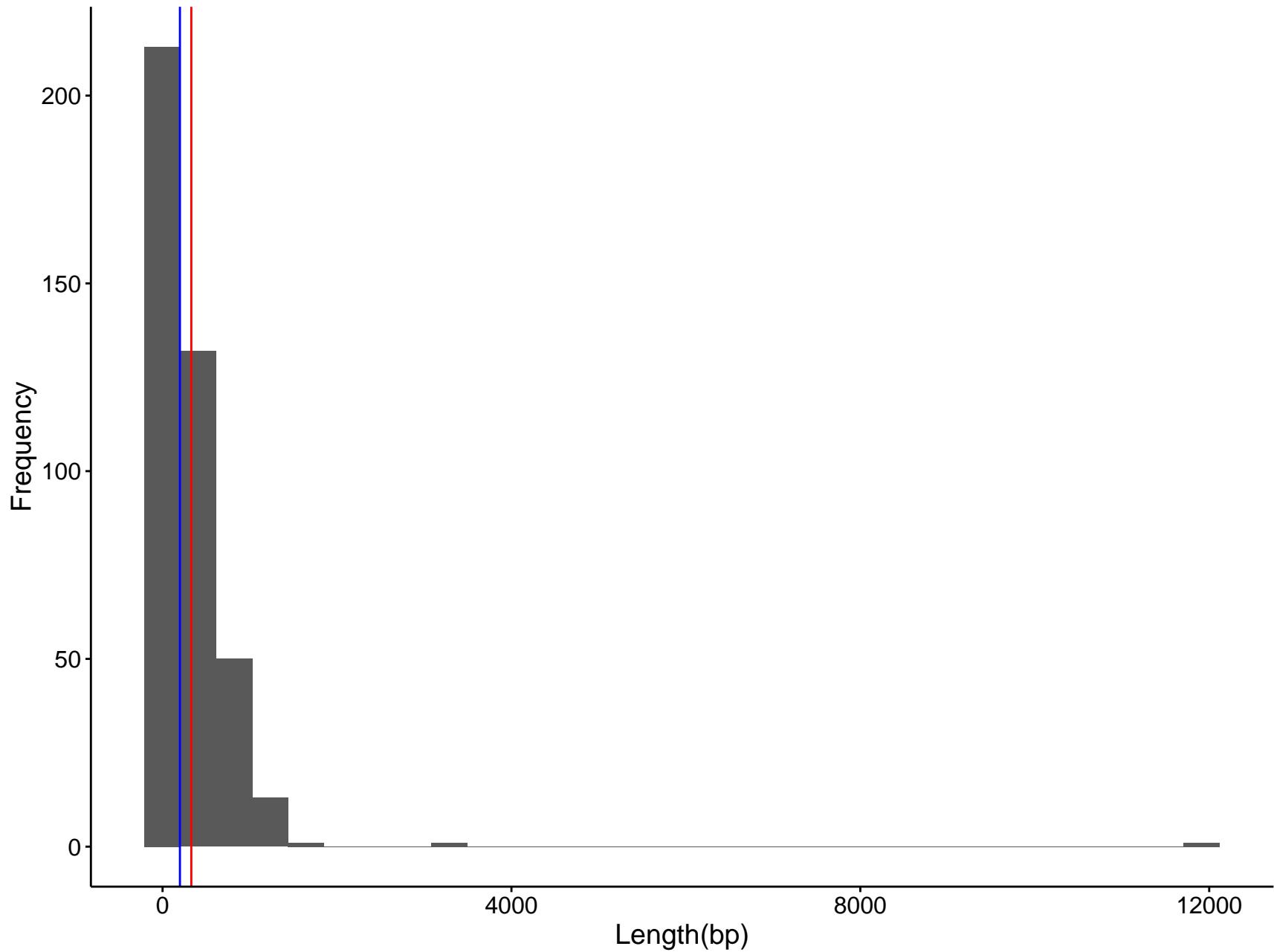
273.025

273.0

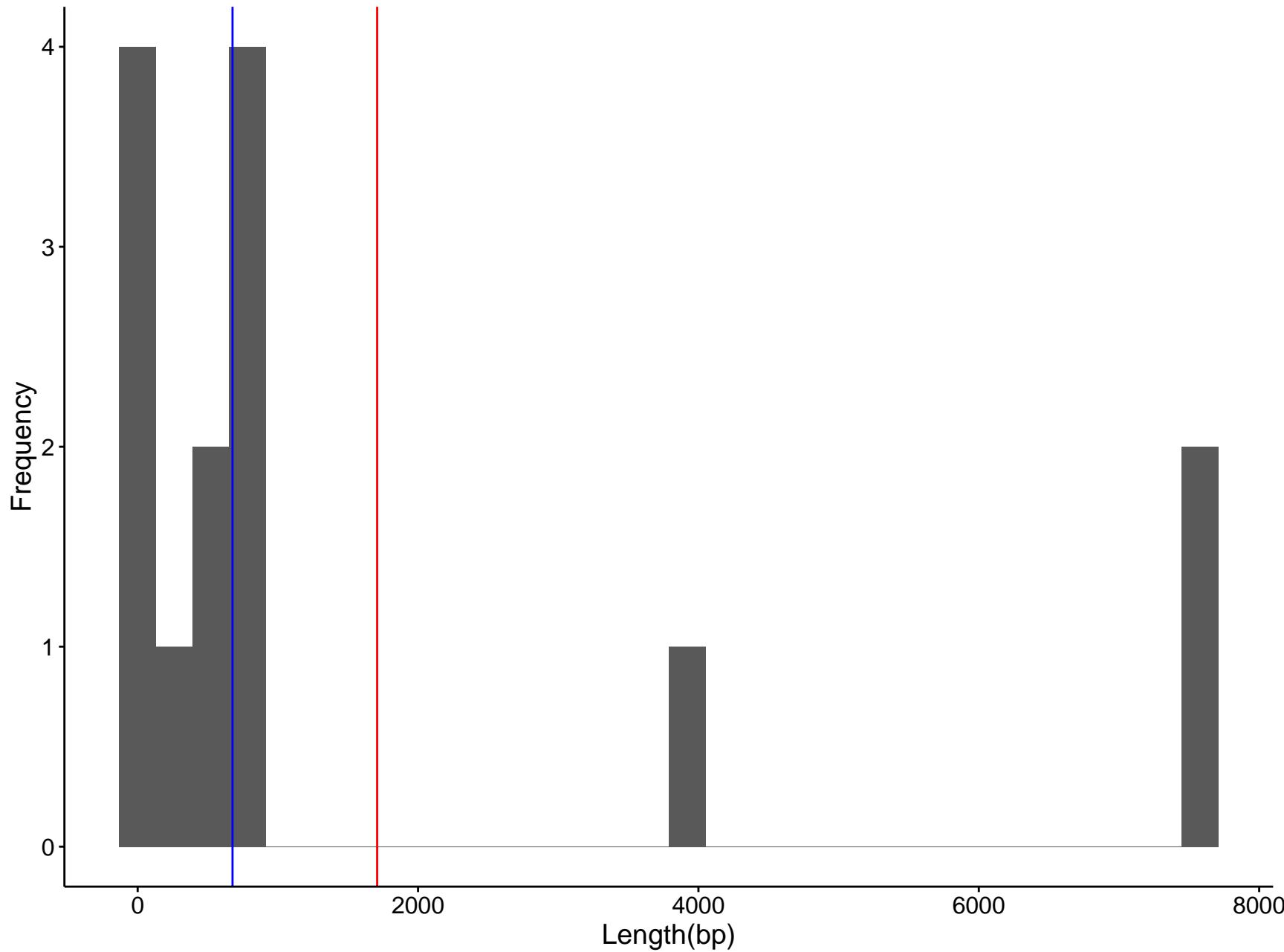
Length(bp)



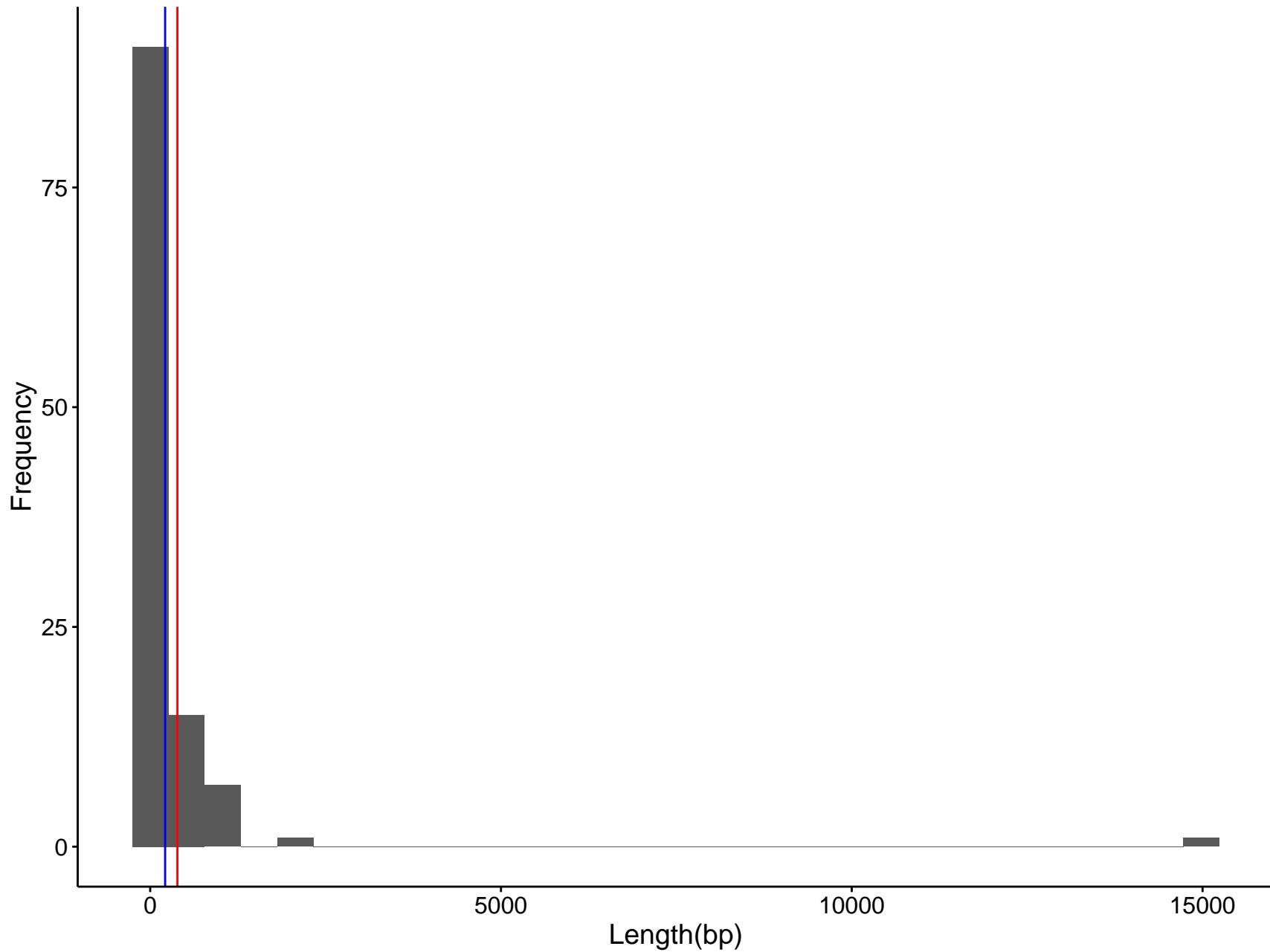
Cluster1100



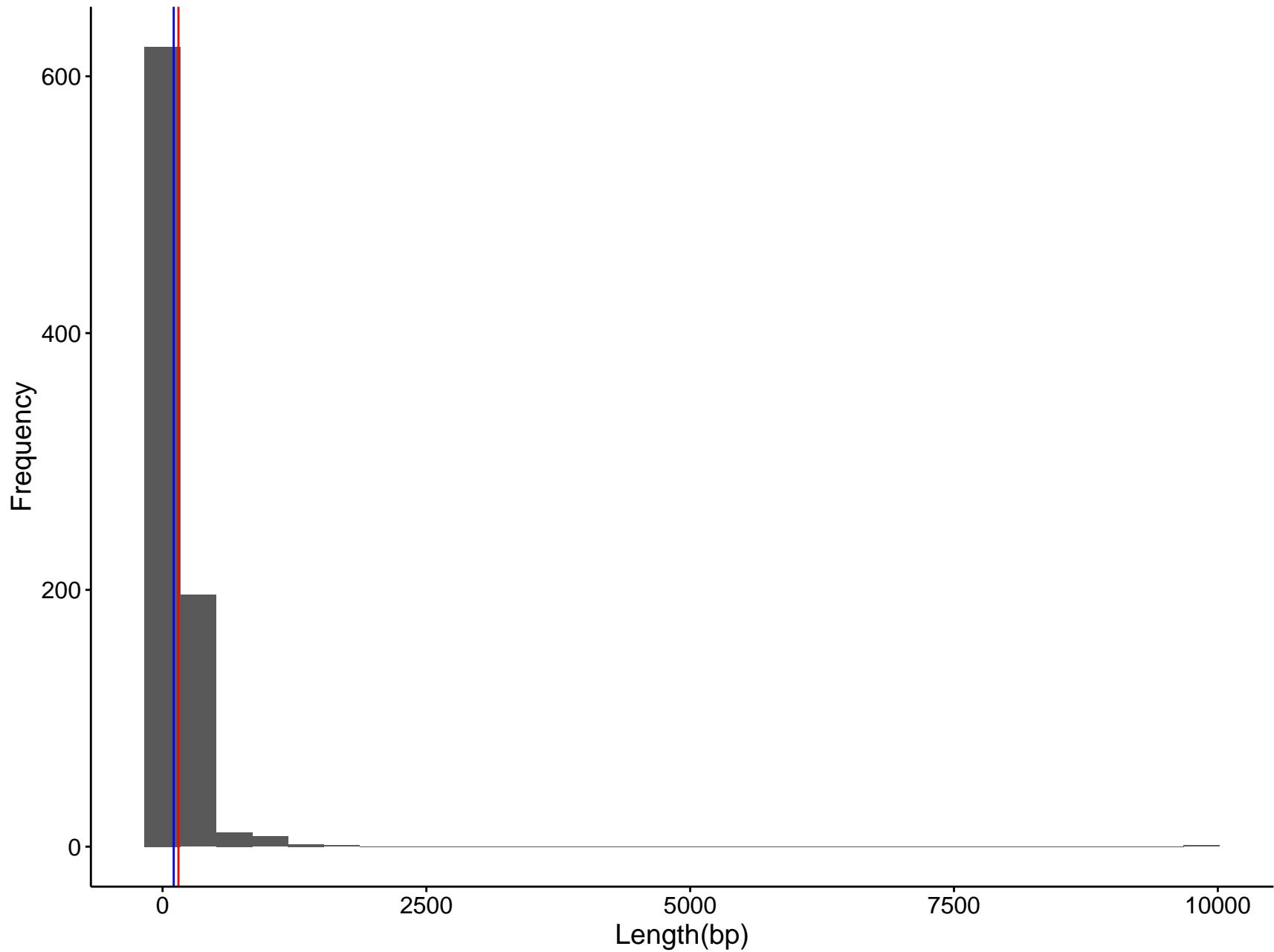
Cluster1101



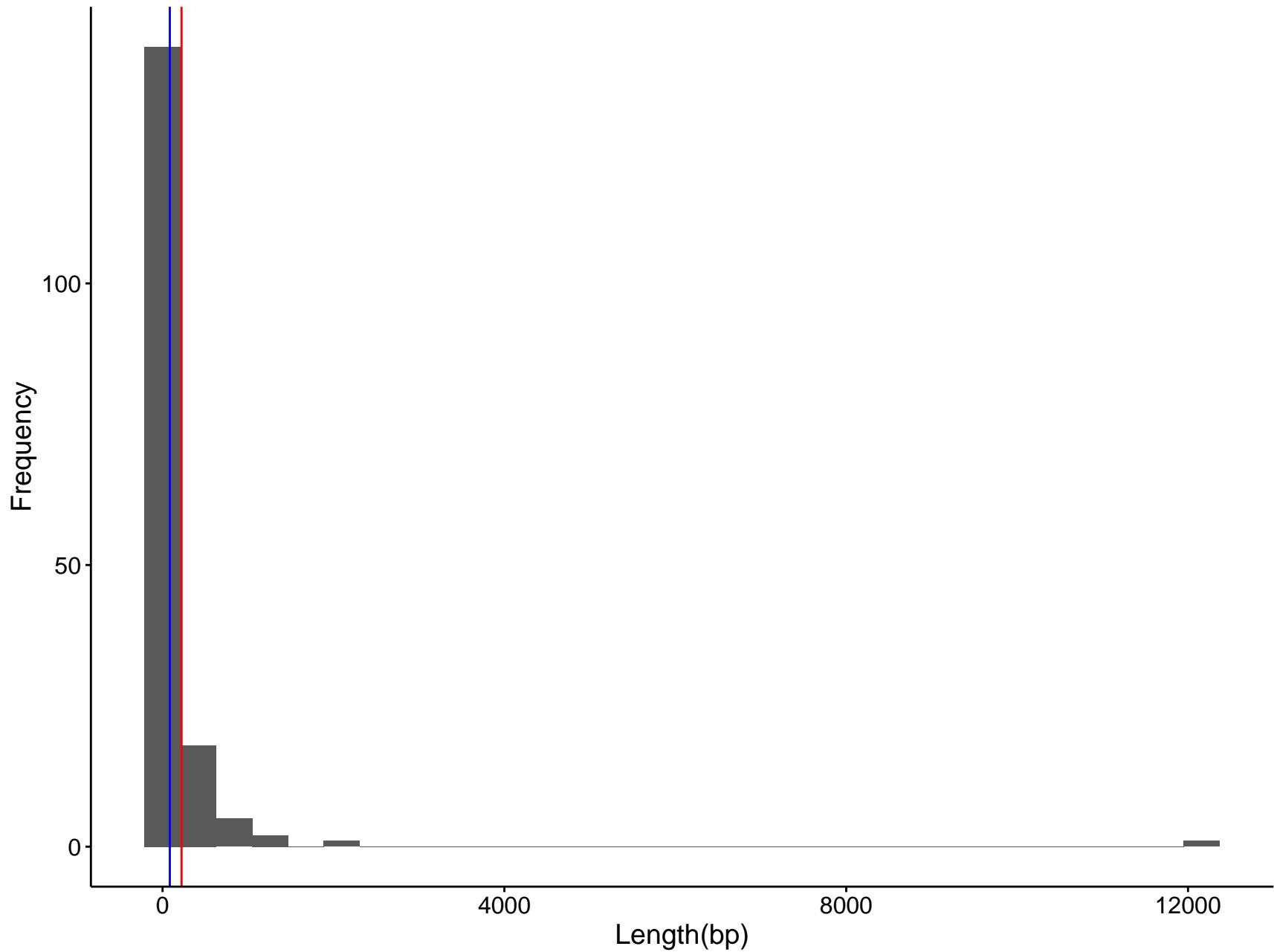
Cluster1102



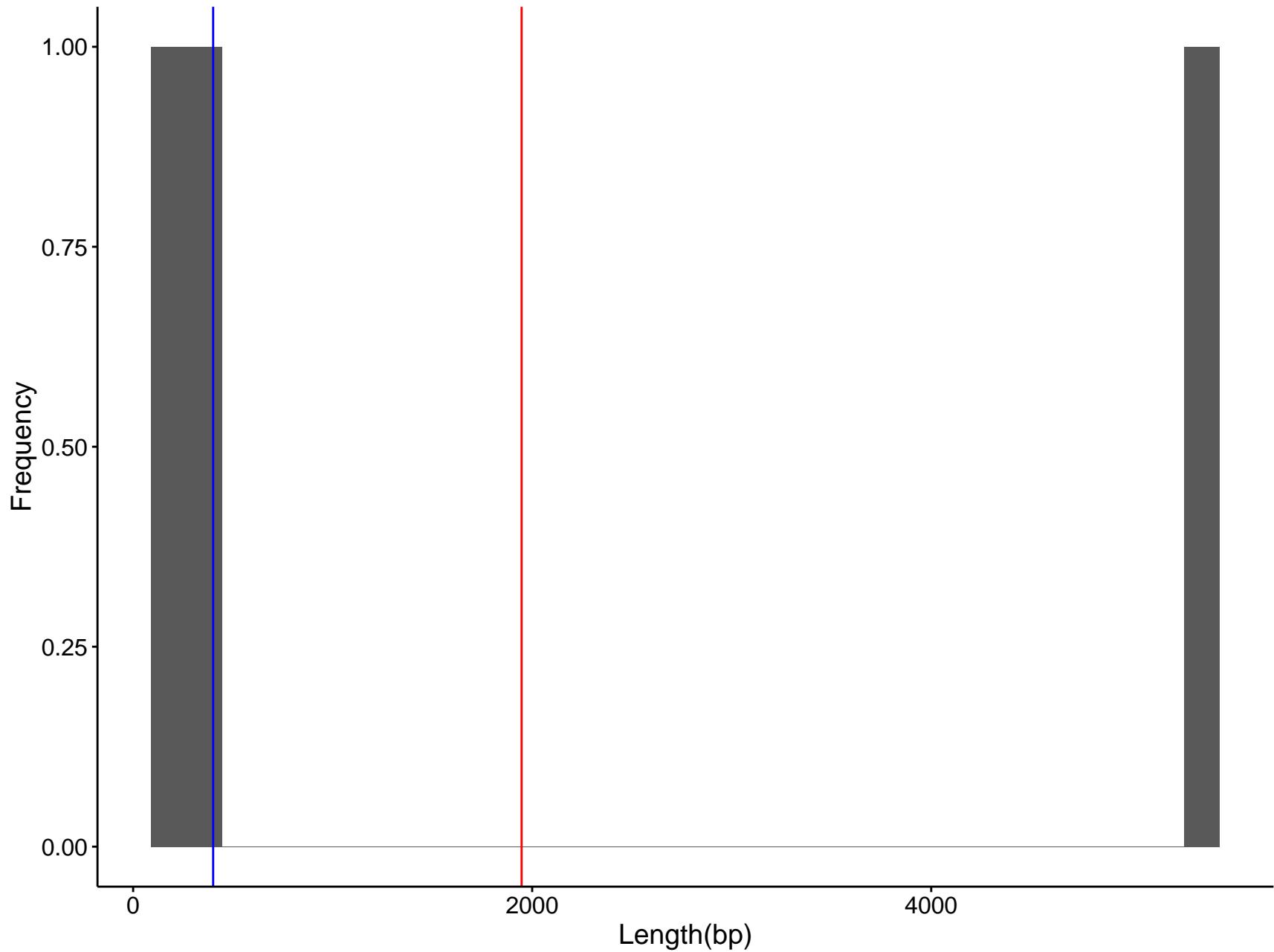
Cluster1104



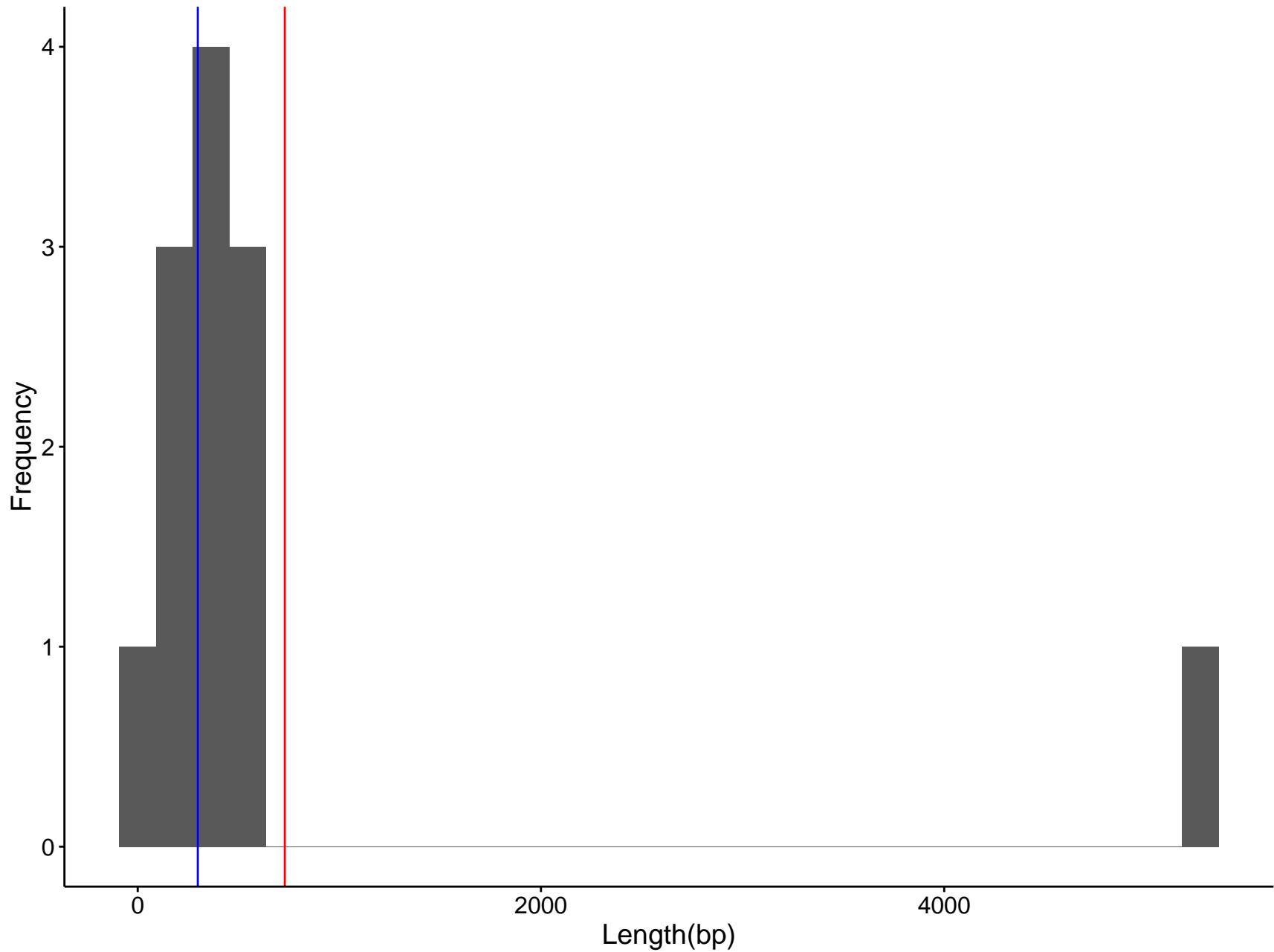
Cluster1106



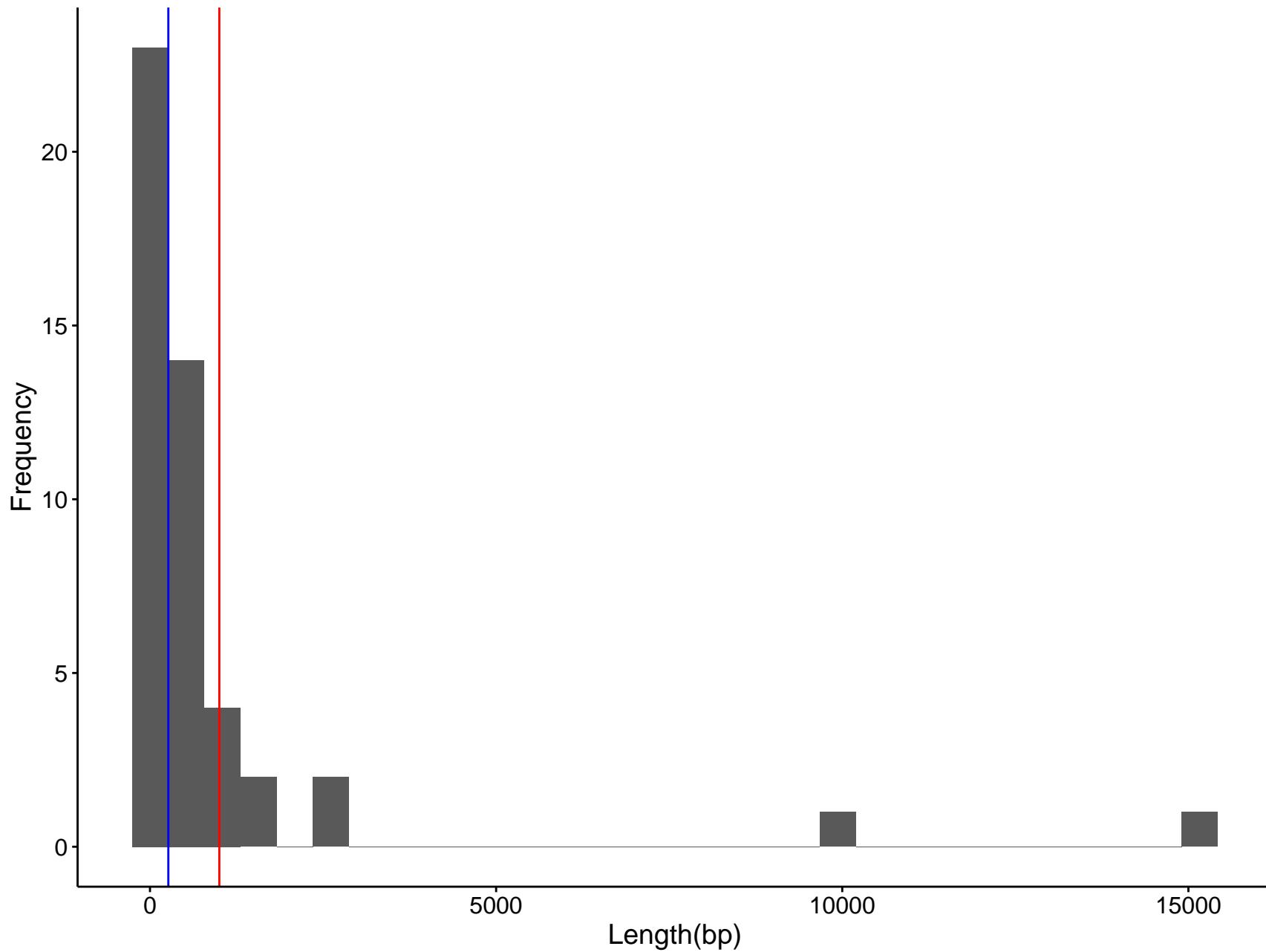
Cluster1107



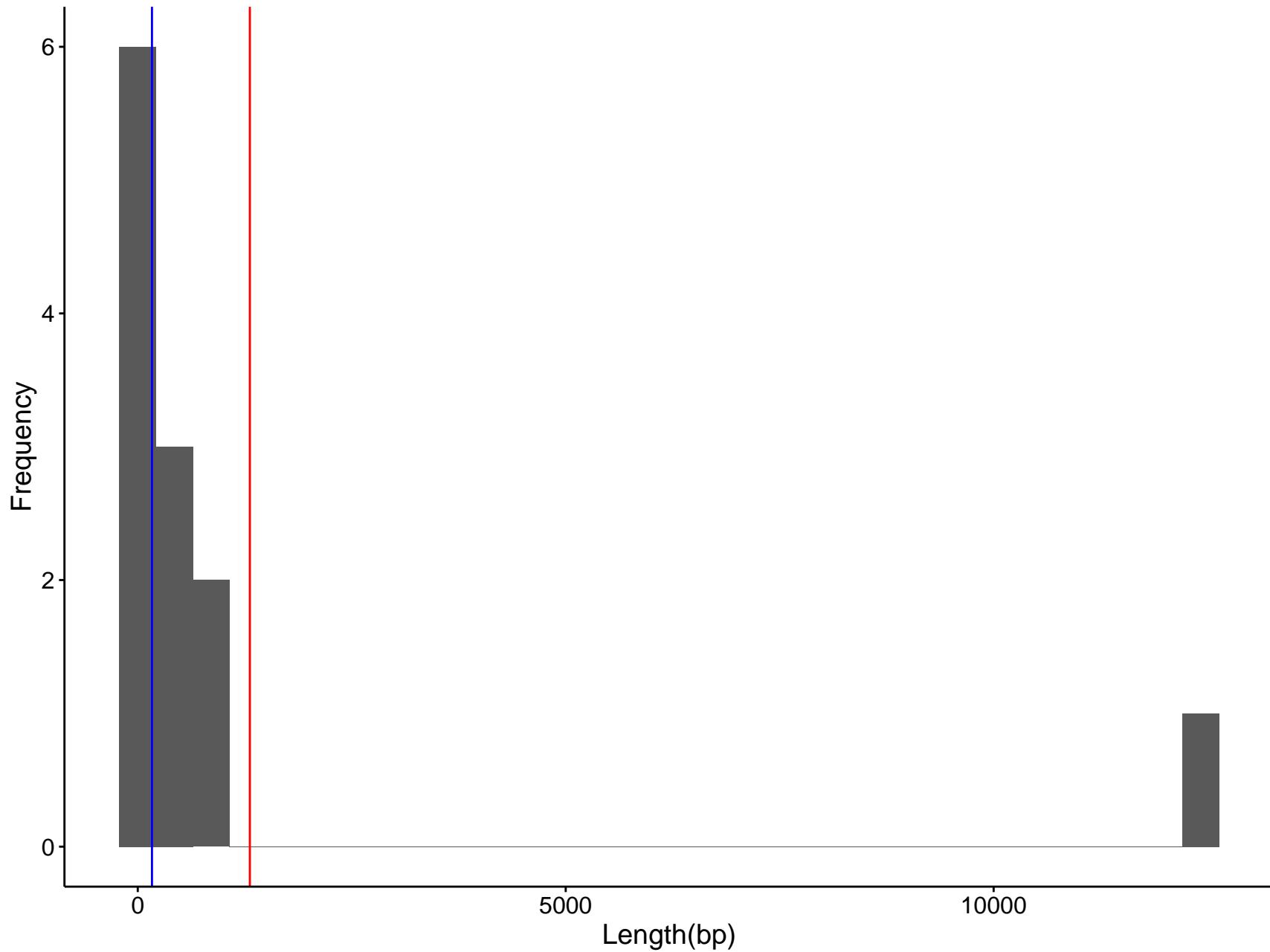
Cluster1108



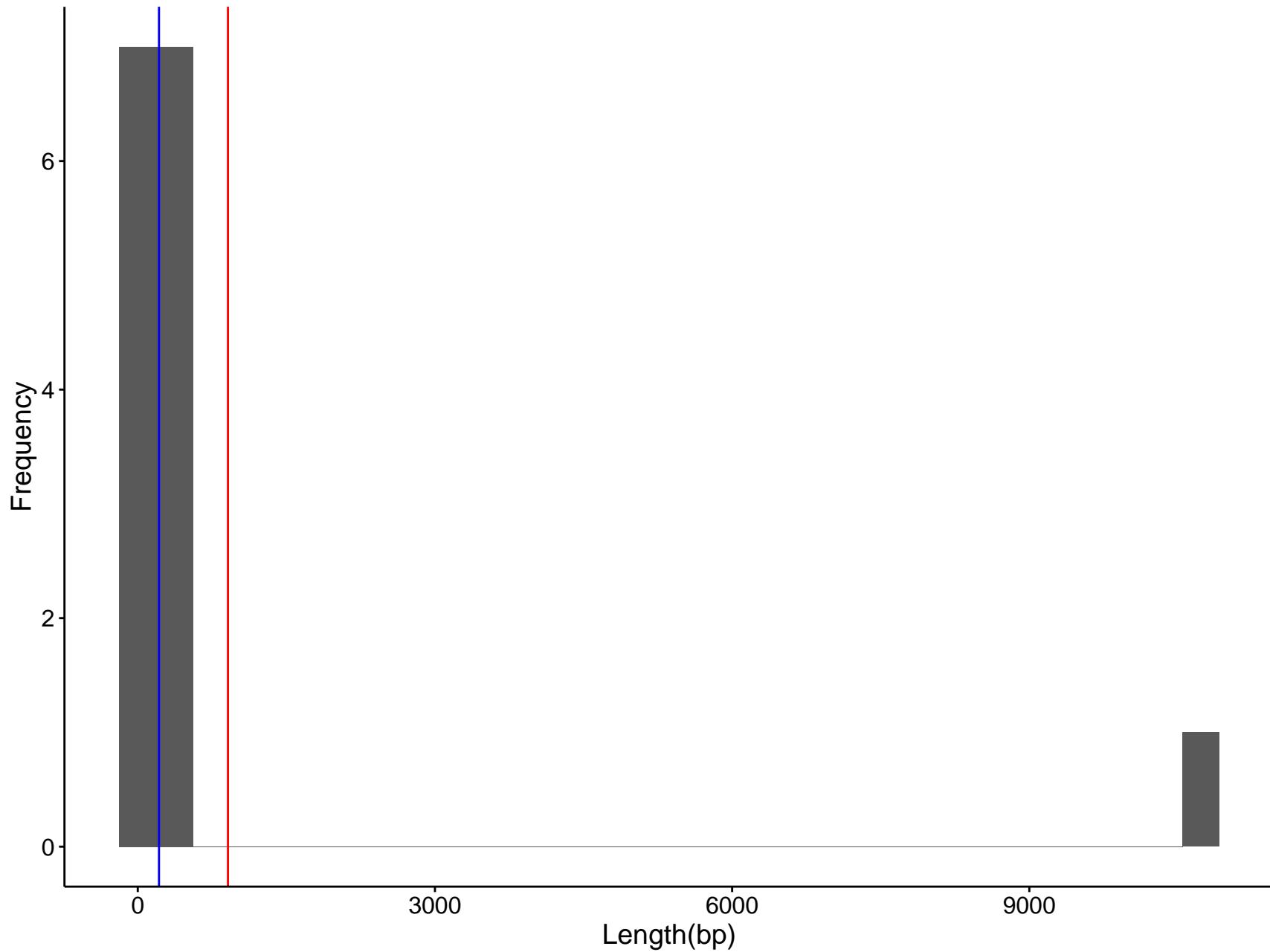
Cluster1109



Cluster110



Cluster1110



Cluster1112

Frequency

3786.950

3786.975

3787.000
Length(bp)

3787.025

3787.

Cluster1114

Frequency

507.950

507.975

508.000

508.025

Length(bp)



Cluster1116

Frequency

387.950

387.975

388.000

388.025

Length(bp)



Cluster1117

Frequency

309.950

309.975

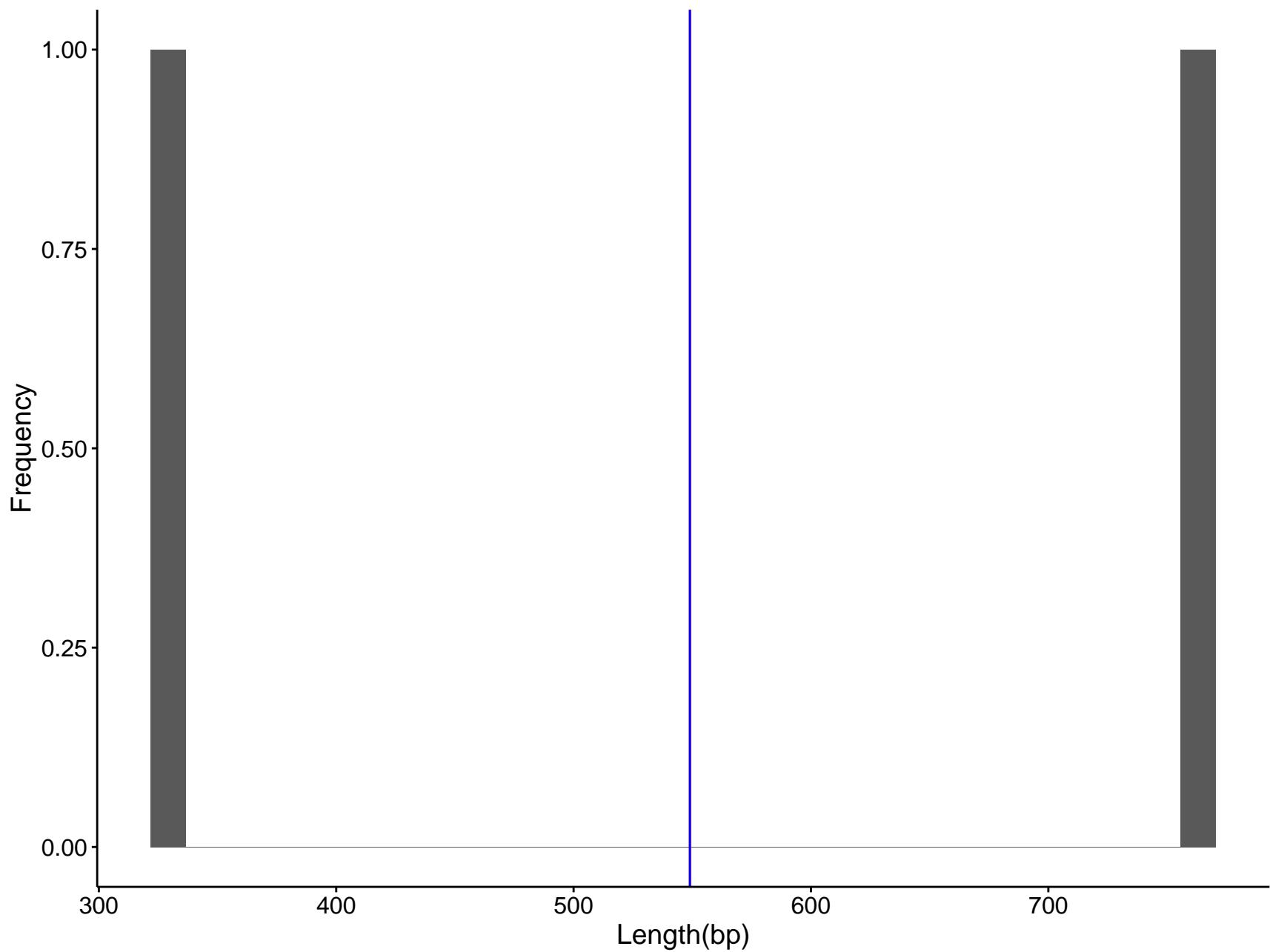
310.000

310.025

Length(bp)



Cluster1118



Cluster1119

Frequency

136.950

136.975

137.000

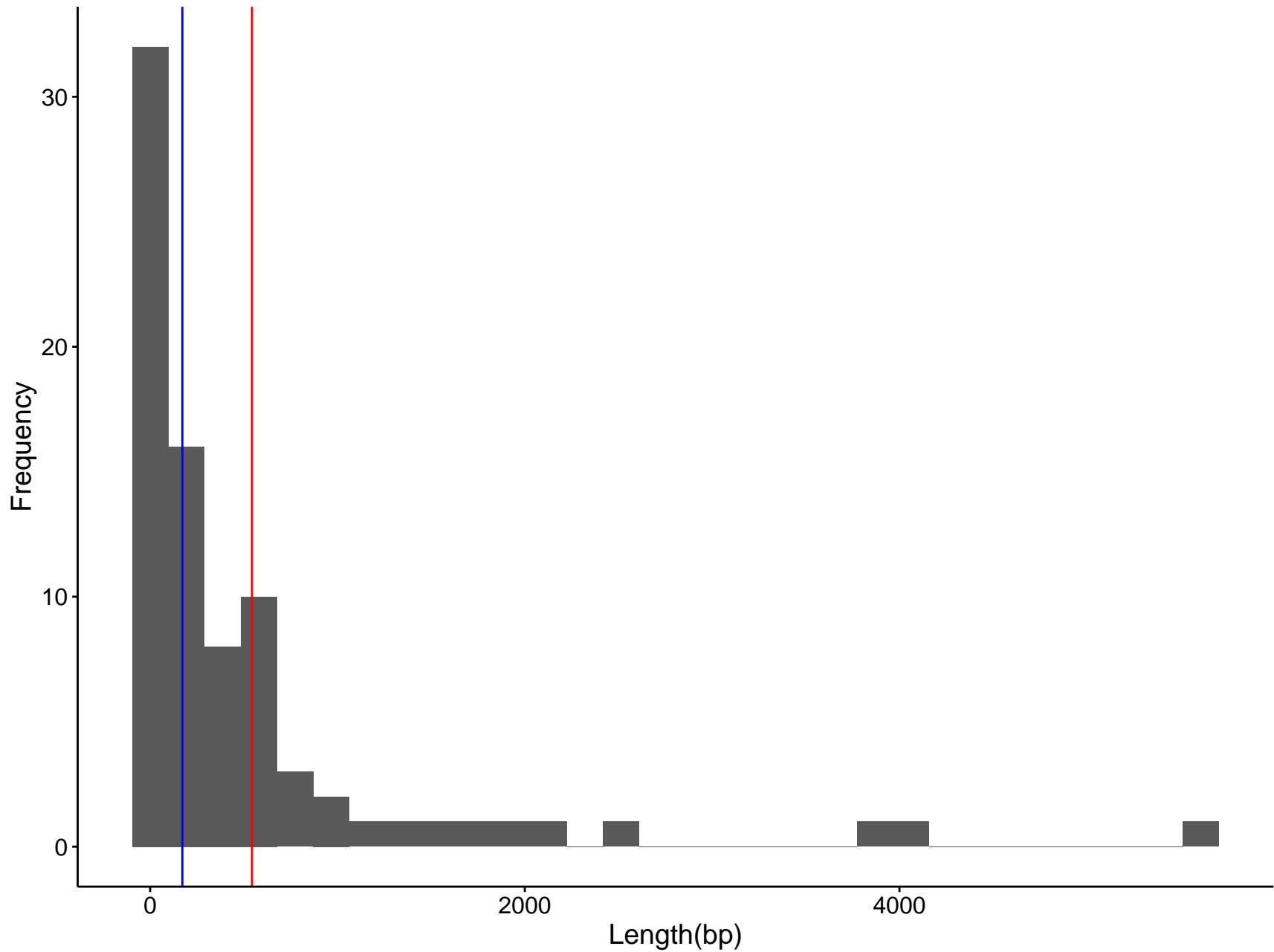
137.025

137.050

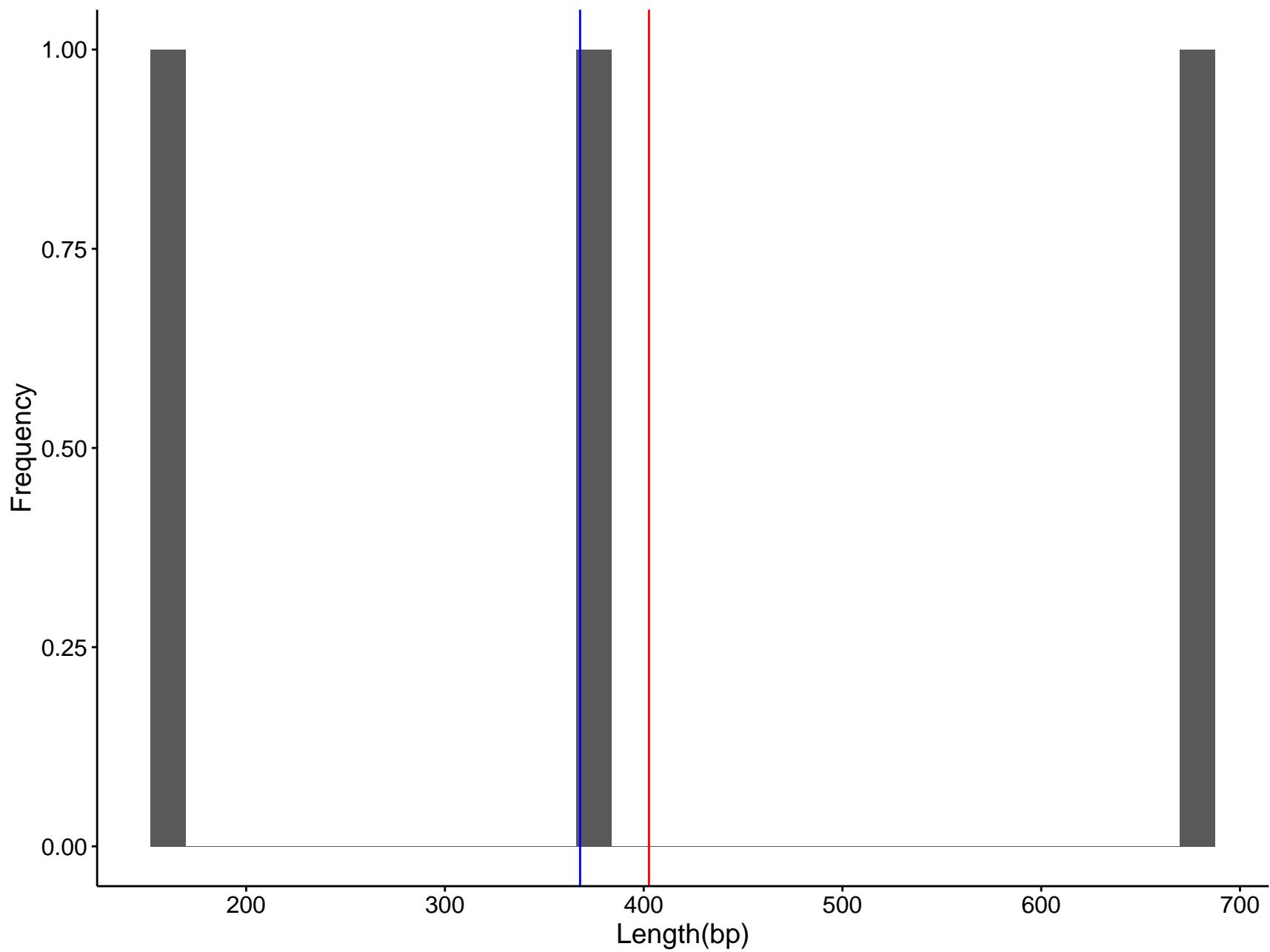
Length(bp)



Cluster111



Cluster1120



Cluster1124

Frequency

444.950

444.975

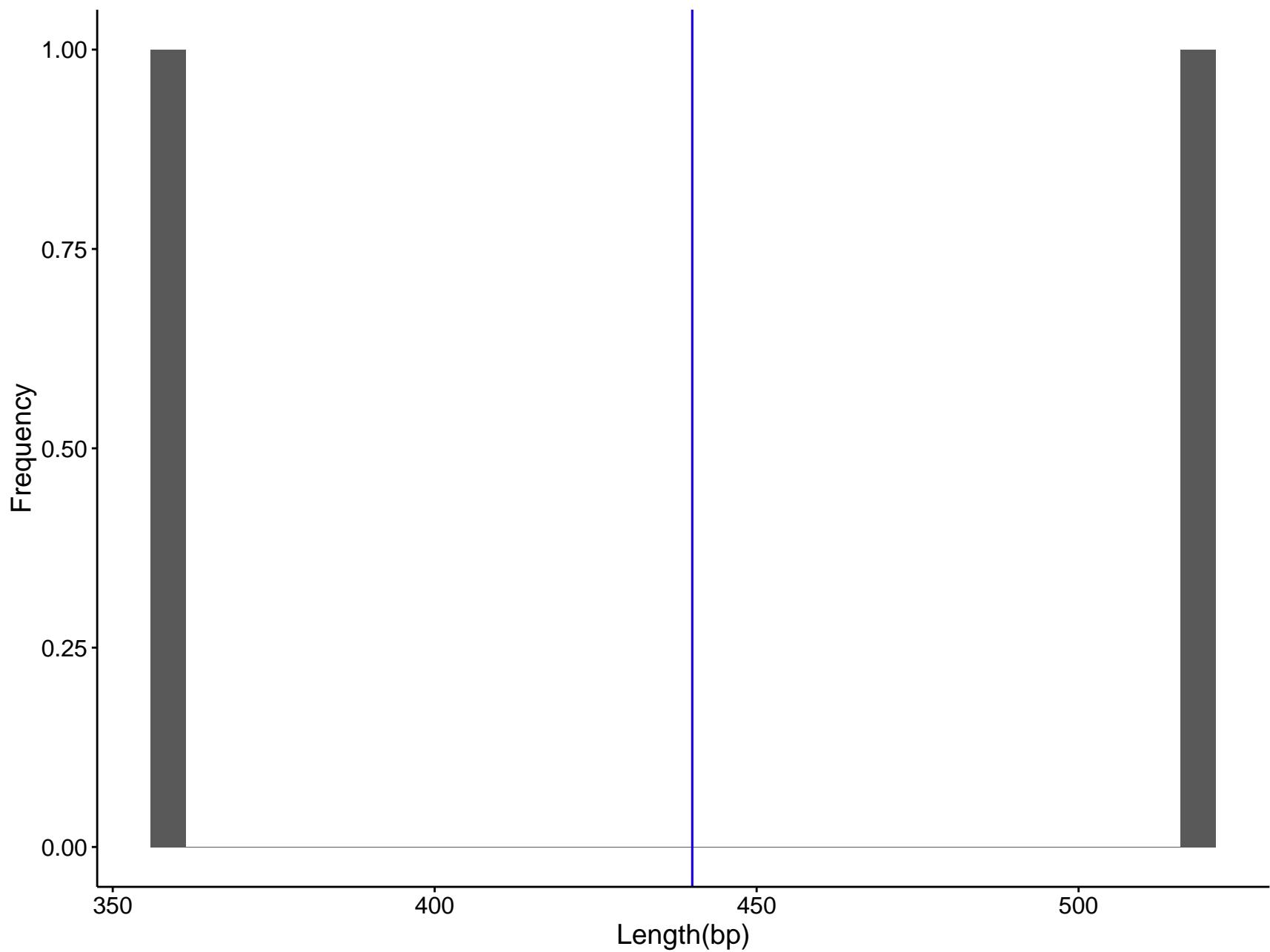
445.000

445.025

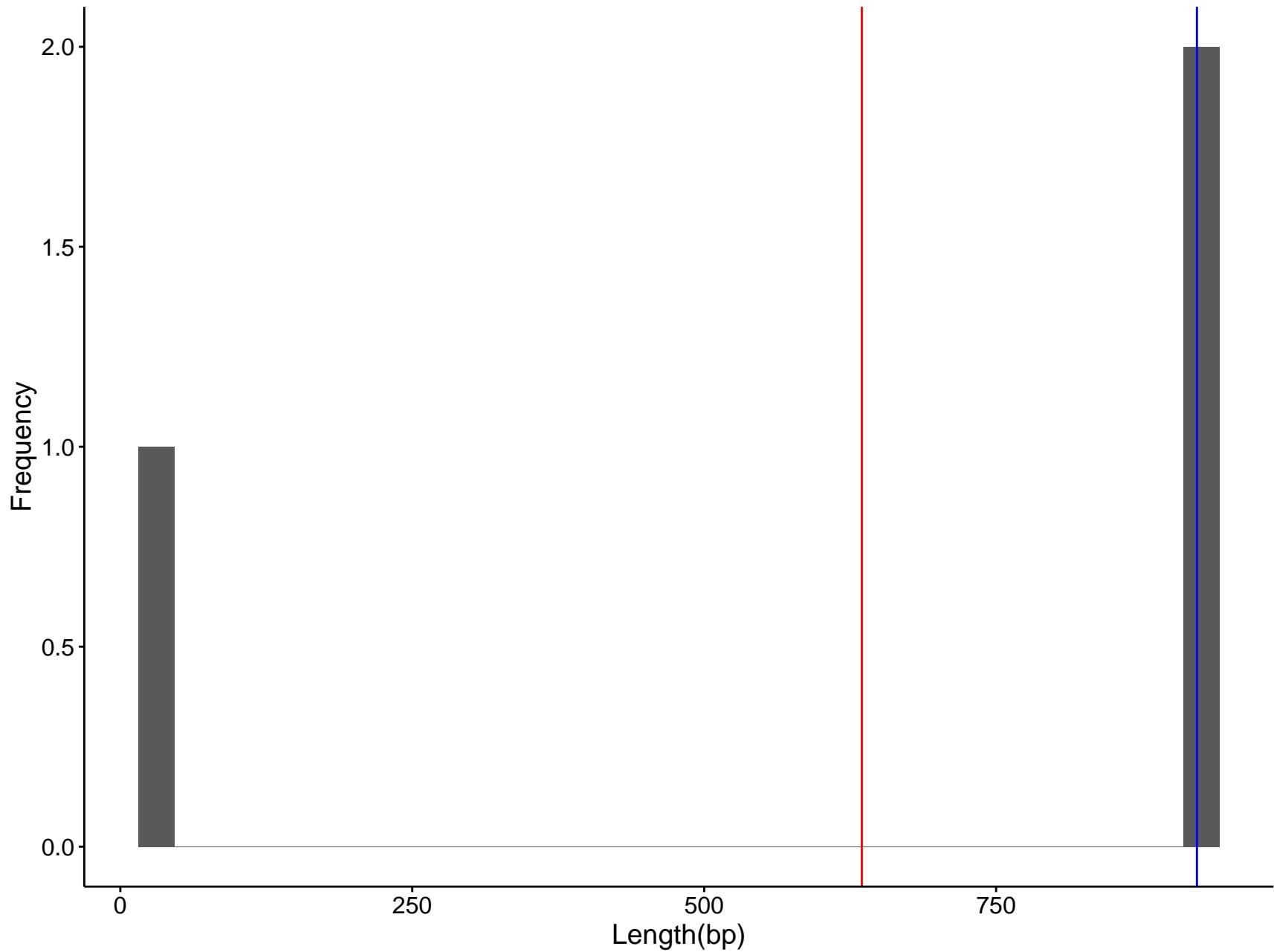
Length(bp)



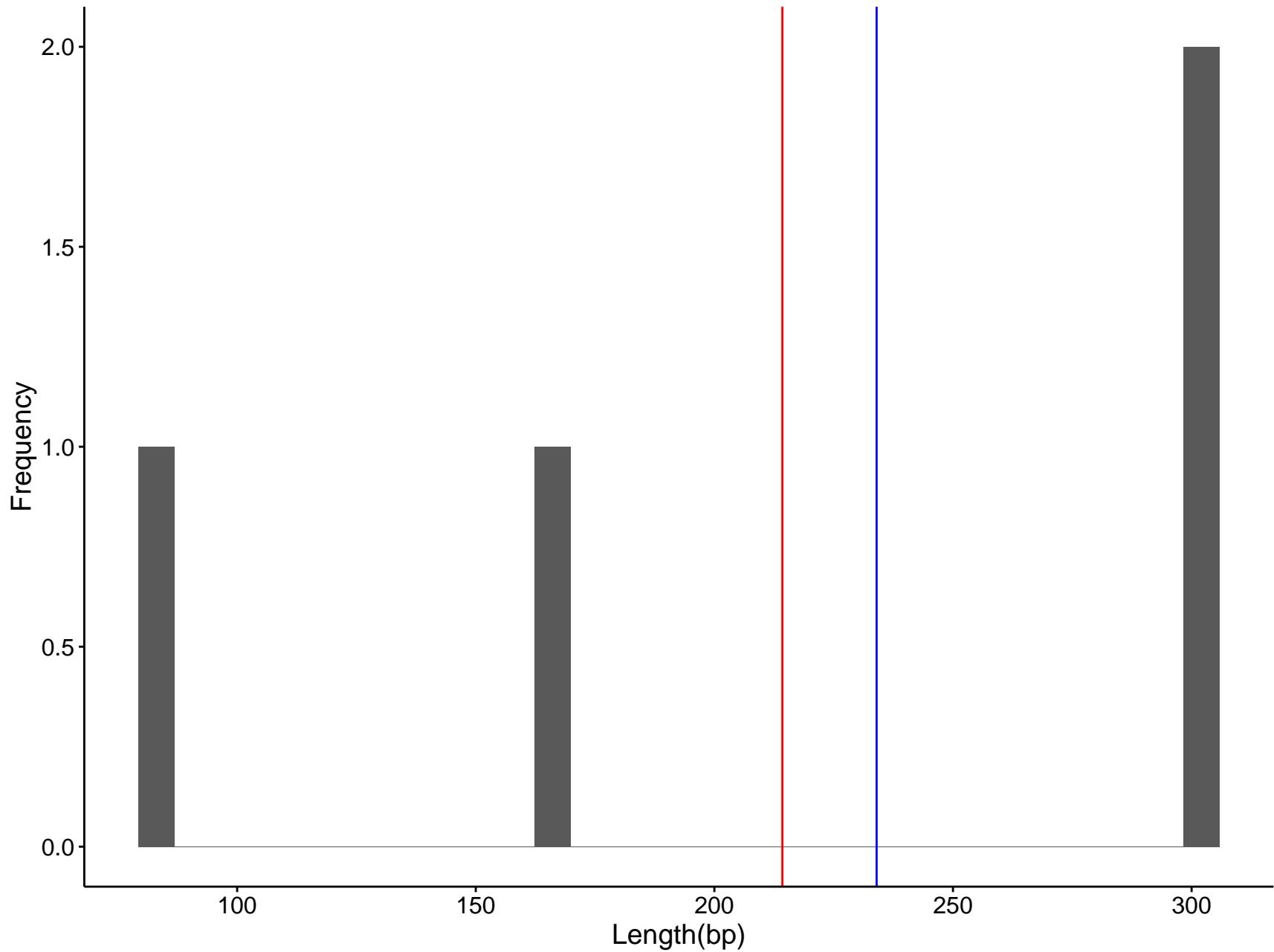
Cluster1126



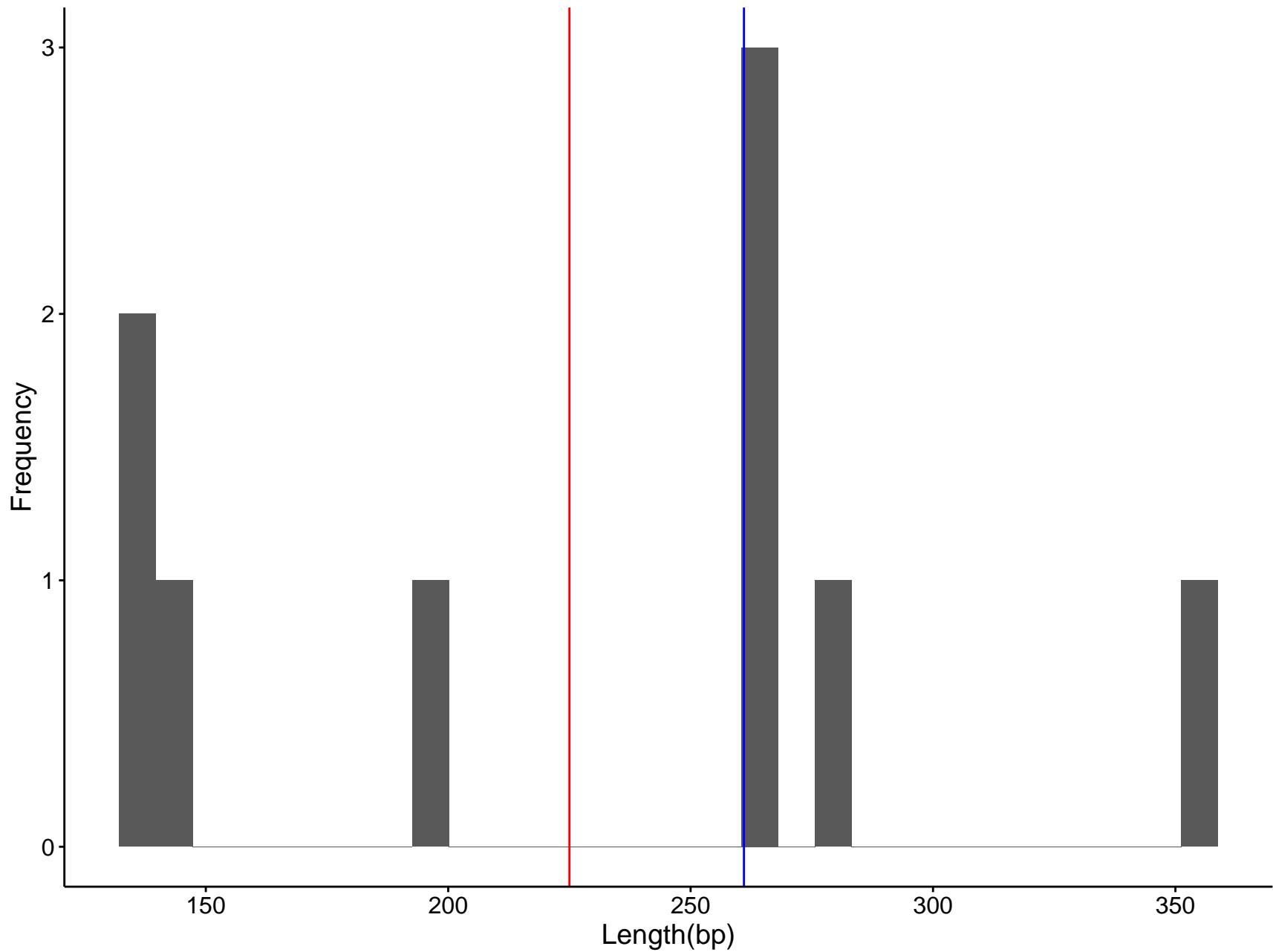
Cluster1127



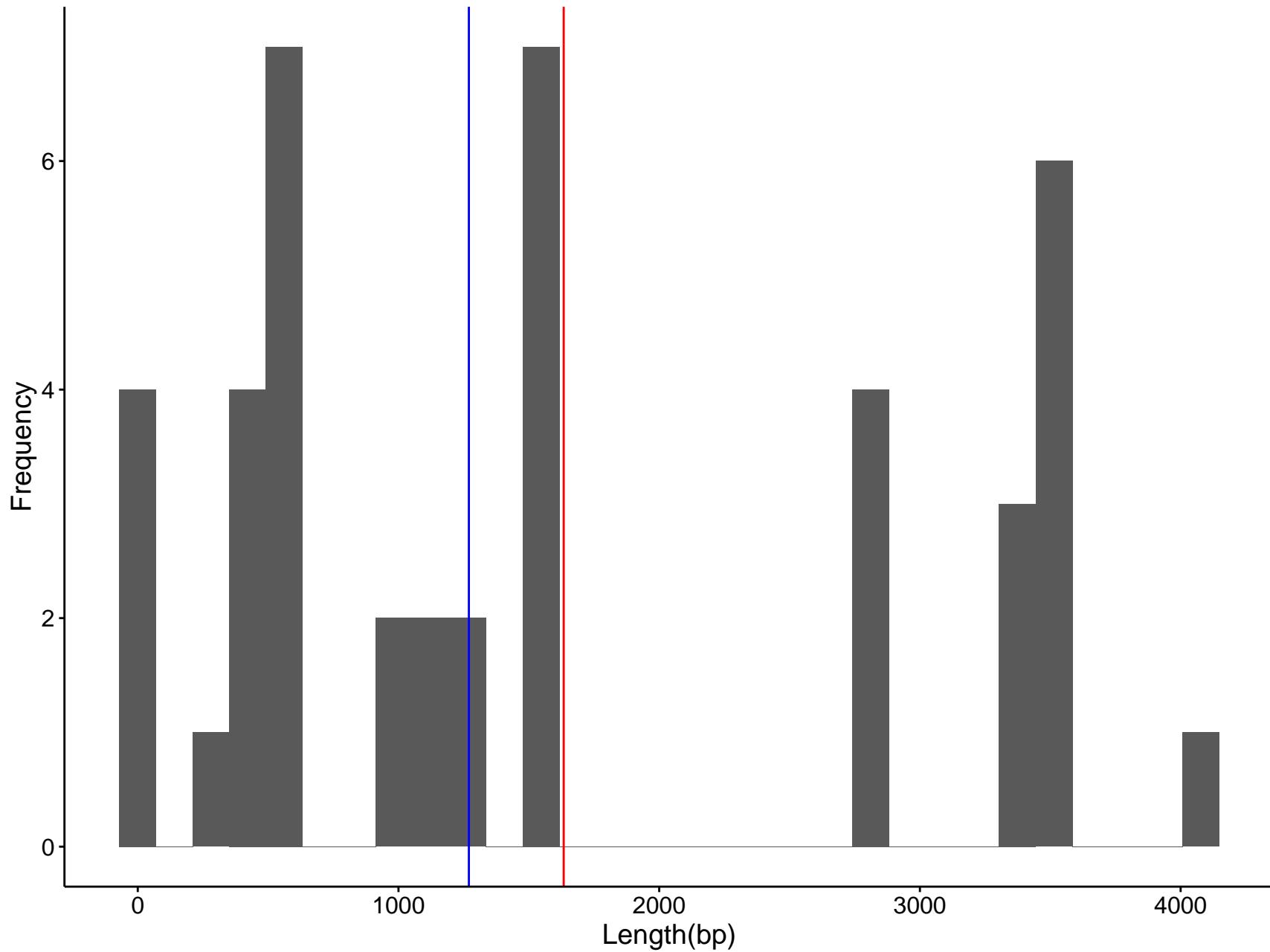
Cluster1128



Cluster1129



Cluster112



Cluster1132

Frequency

473.950

473.975

474.000

474.025

Length(bp)



Cluster1133

Frequency

288.950

288.975

289.000

289.025

289.050

Length(bp)



Cluster1135

Frequency

111.950

111.975

112.000

112.025

112.050

Length(bp)



Cluster1136

Frequency

477.950

477.975

478.000

478.025

Length(bp)



Cluster1139

Frequency

1152.950

1152.975

1153.000
Length(bp)

1153.025

1153.

Cluster1140

Frequency

291.950

291.975

292.000

292.025

292.050

Length(bp)



Cluster1141

Frequency

548.950

548.975

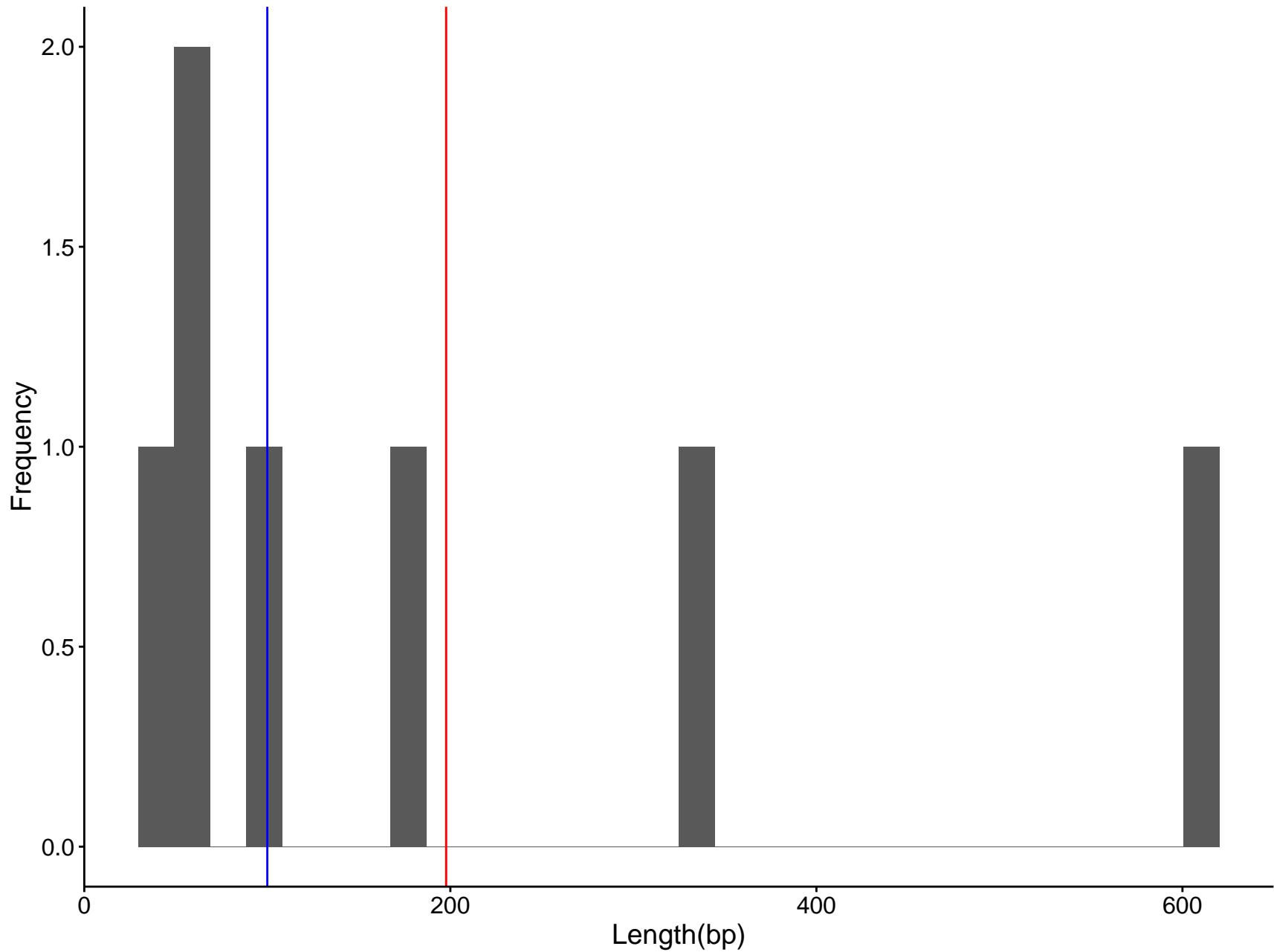
549.000

549.025

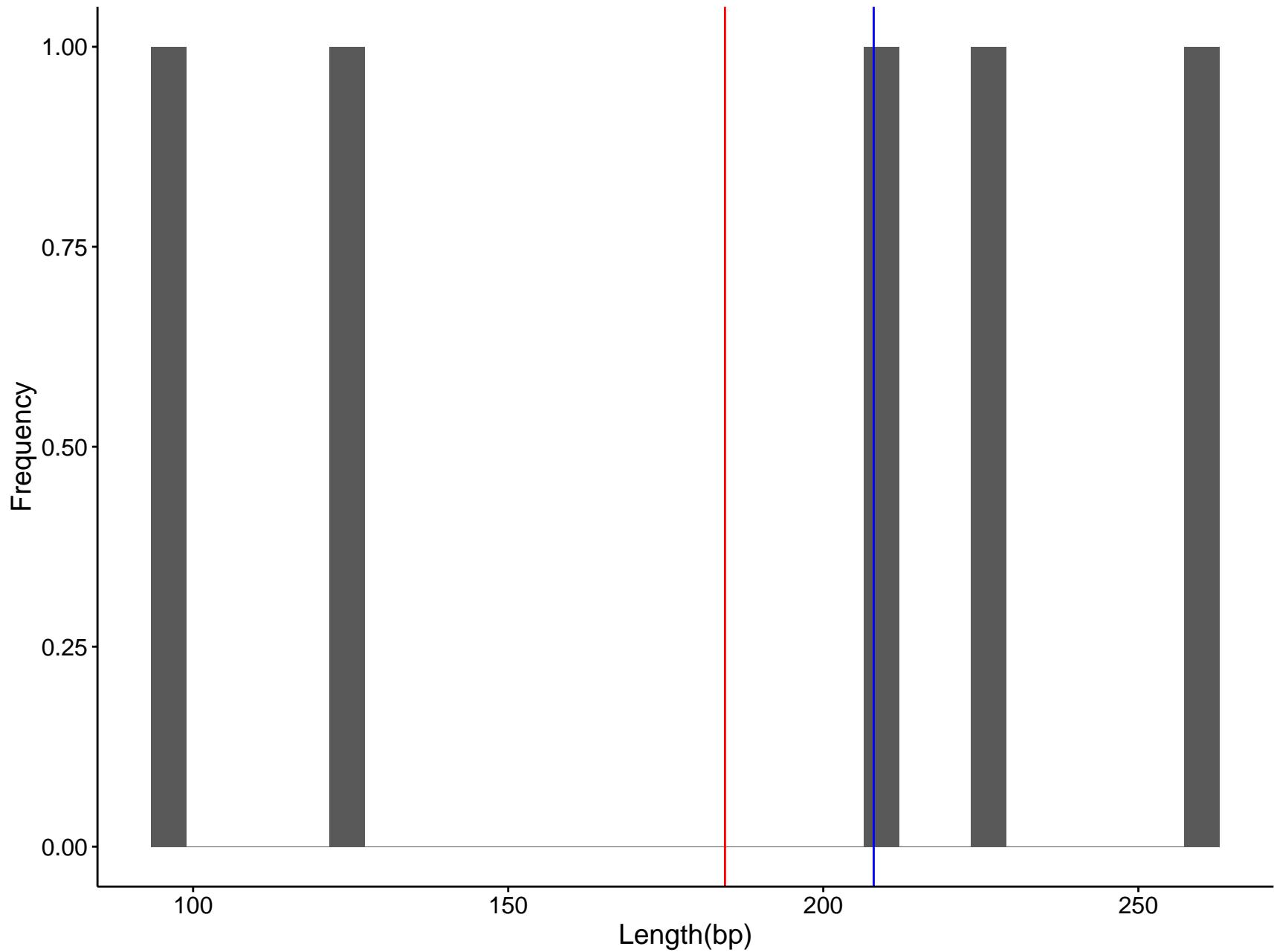
Length(bp)



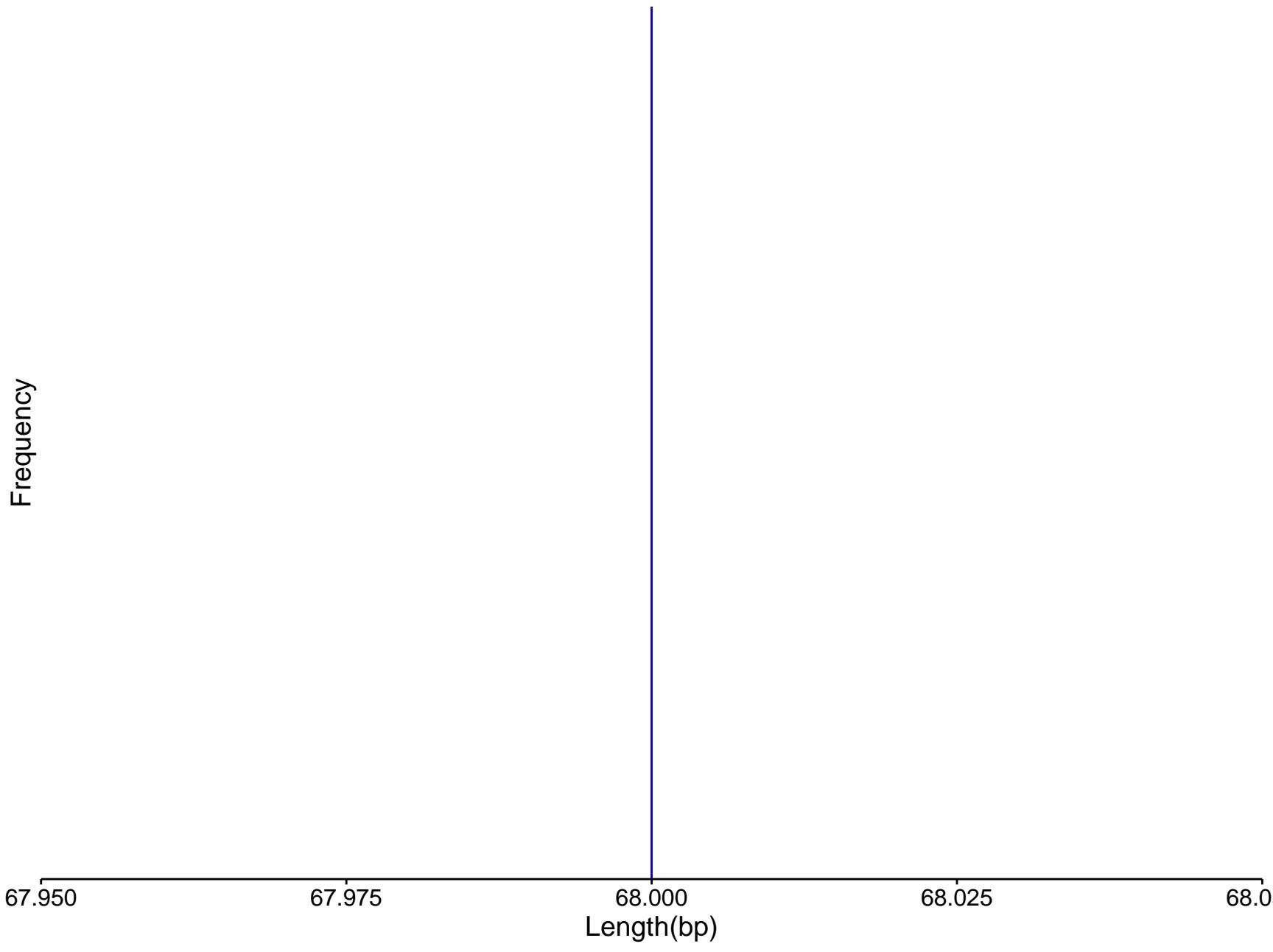
Cluster1142



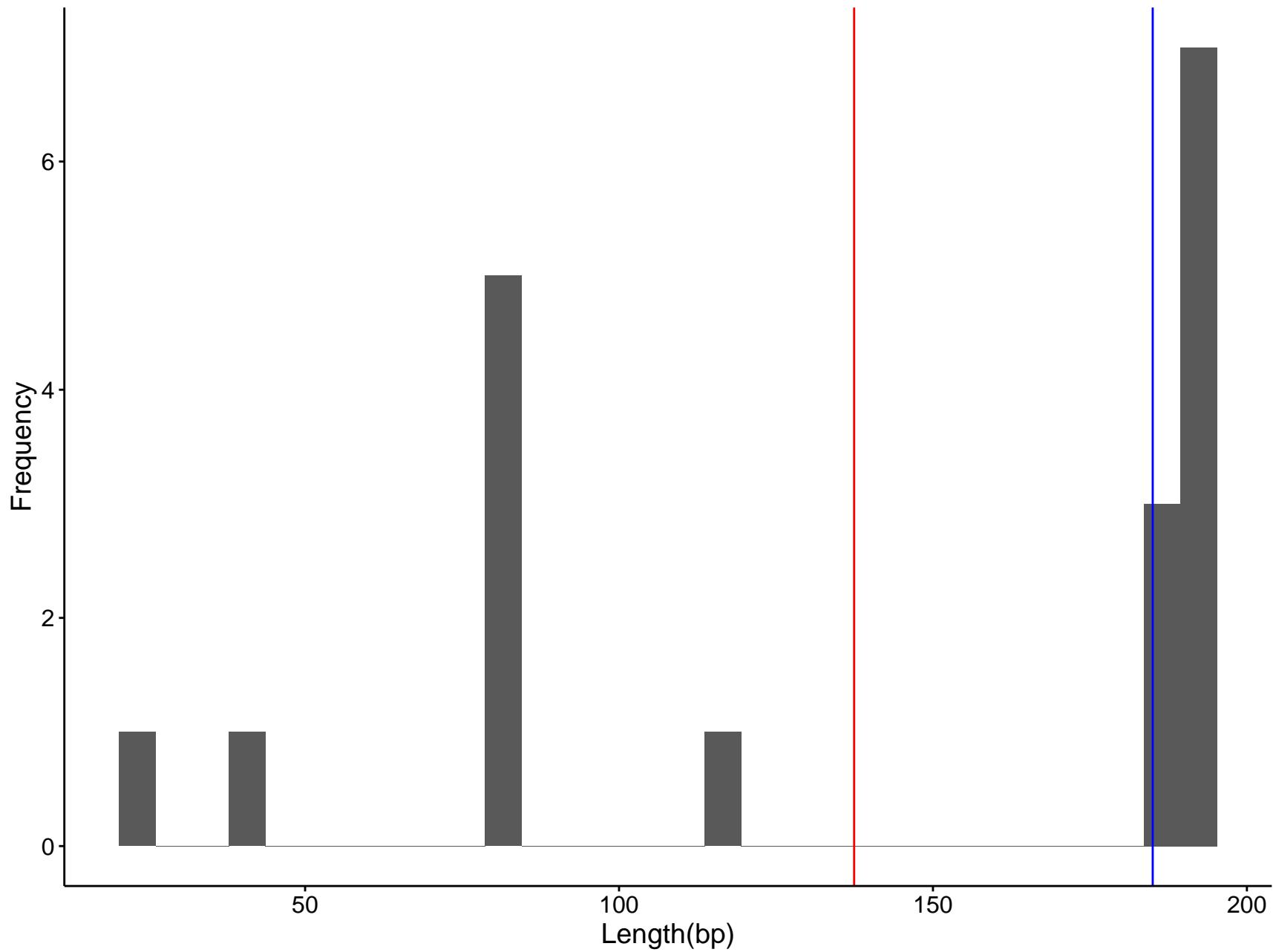
Cluster1145



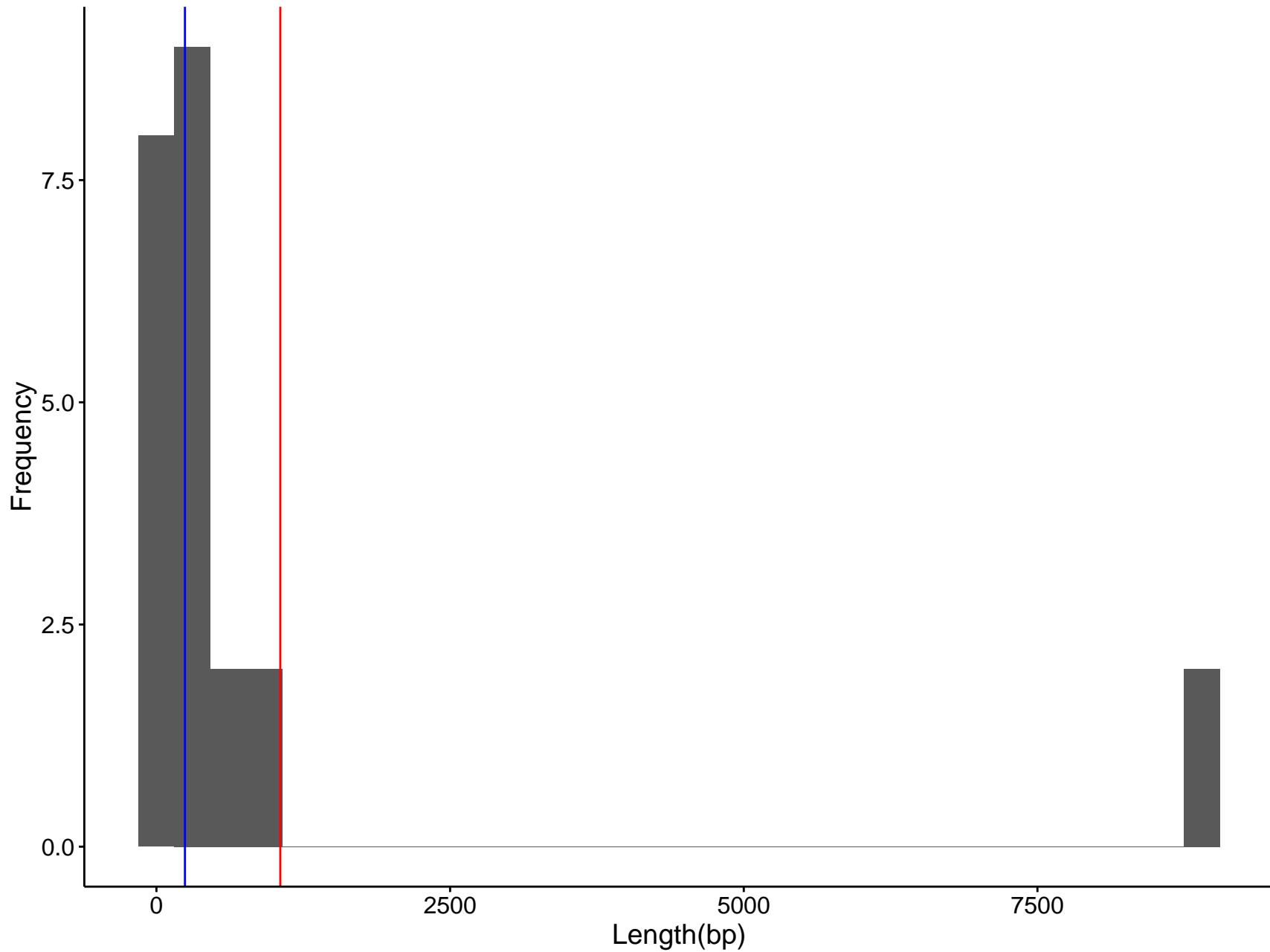
Cluster1148



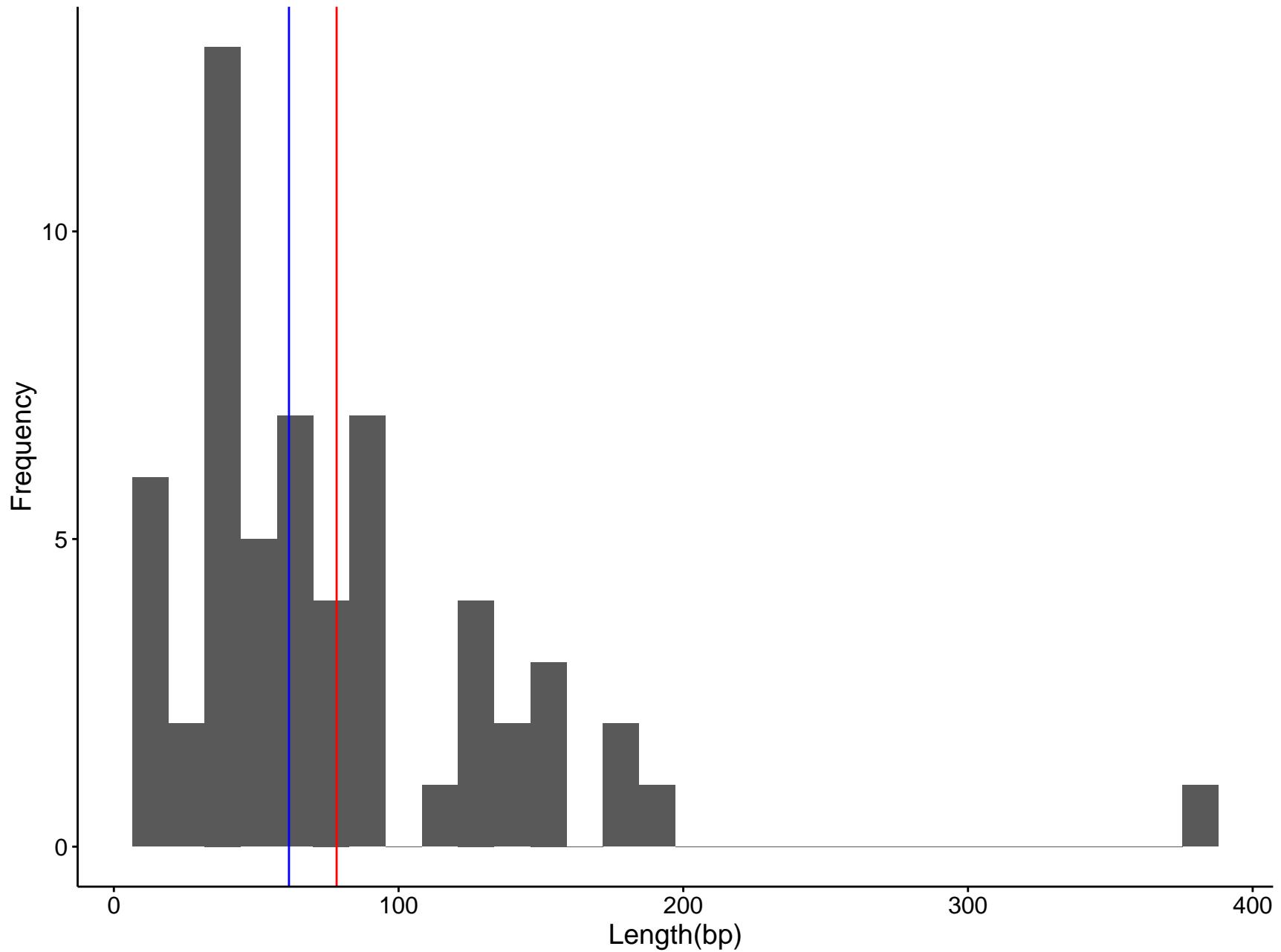
Cluster1149



Cluster114



Cluster1150



Cluster1151

Frequency

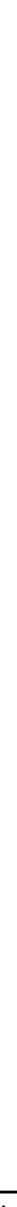
50.950

50.975

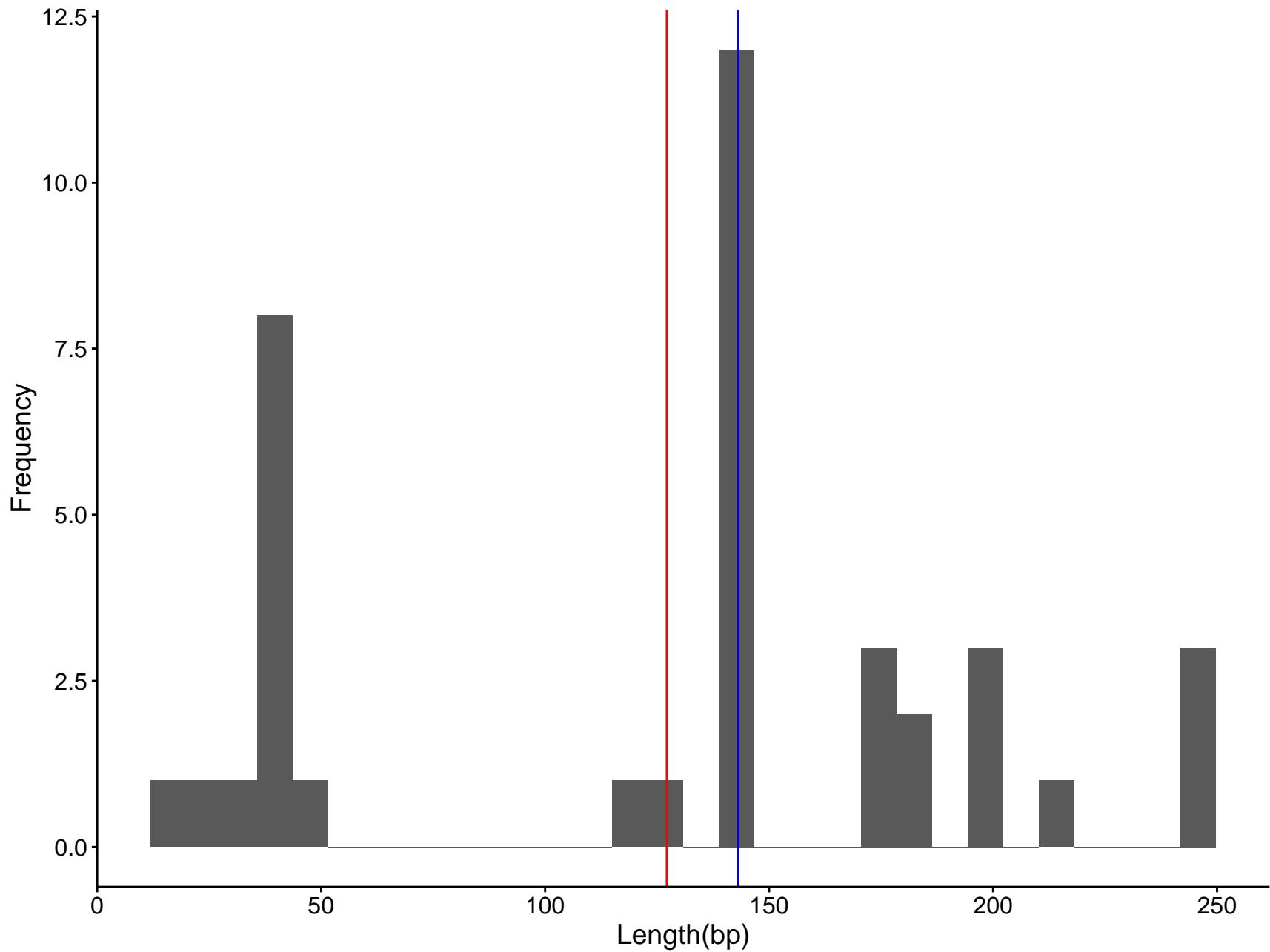
51.000

51.025

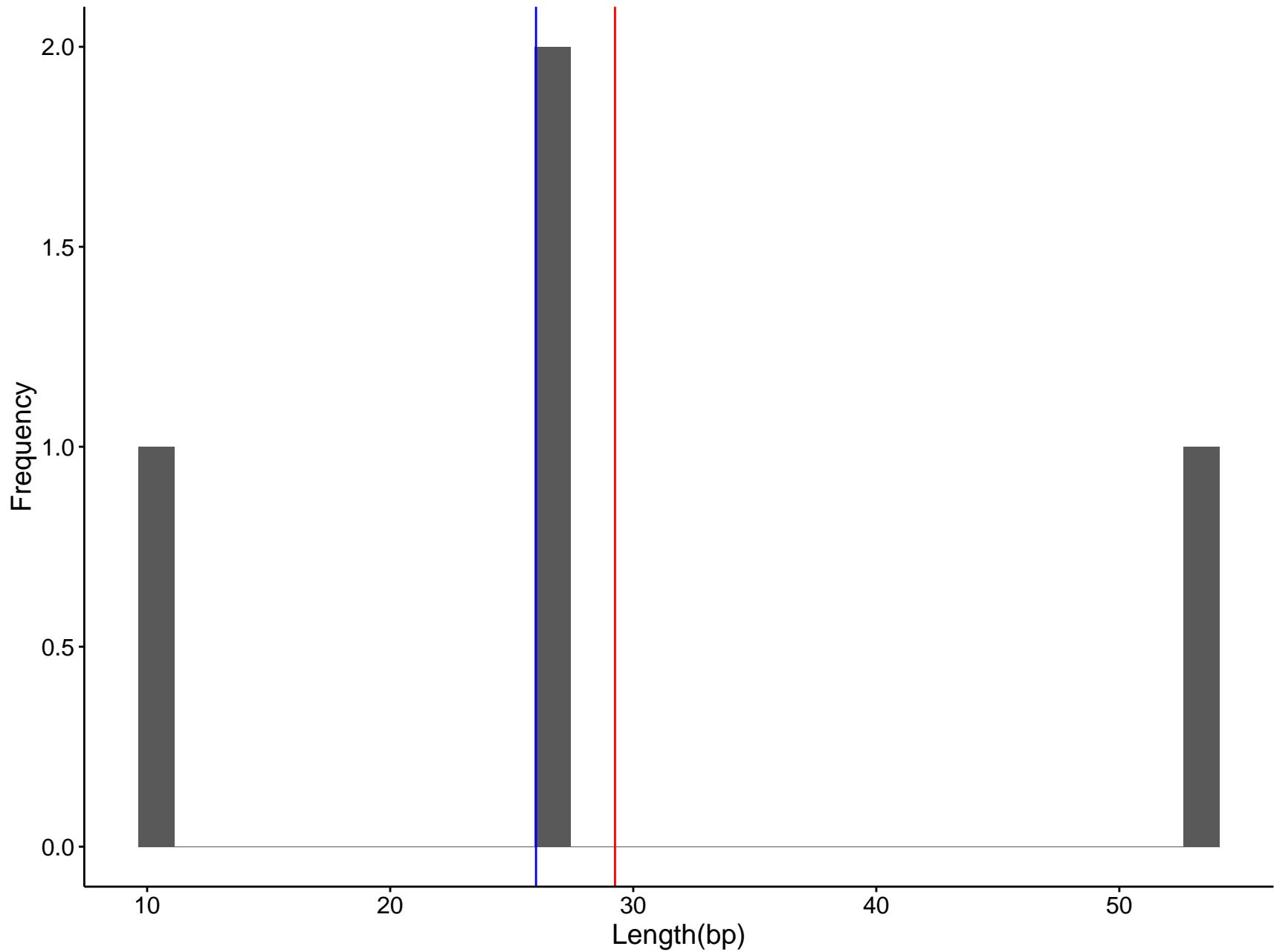
Length(bp)



Cluster1152



Cluster1153



Cluster1156

Frequency

46.950

46.975

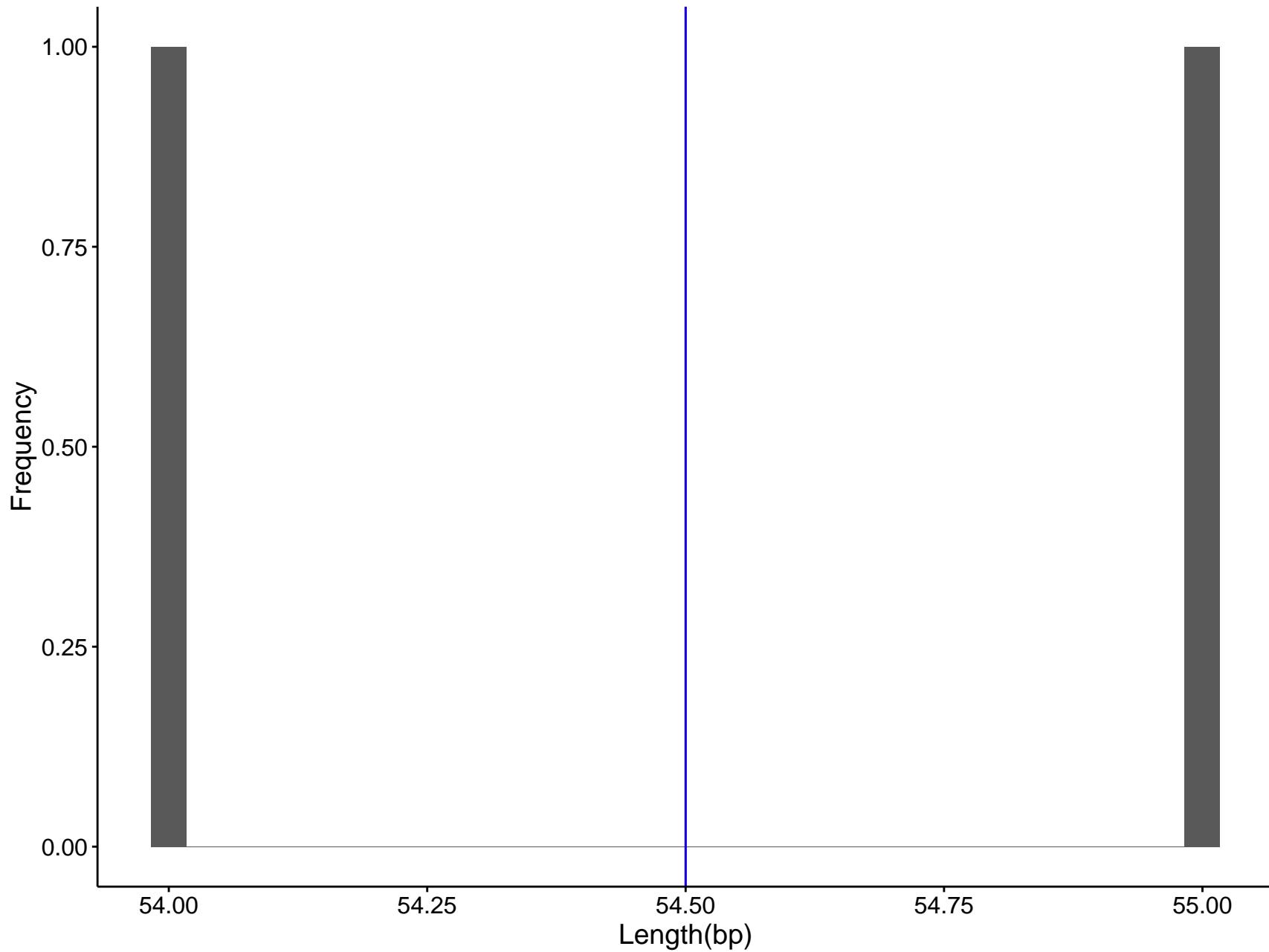
47.000

47.025

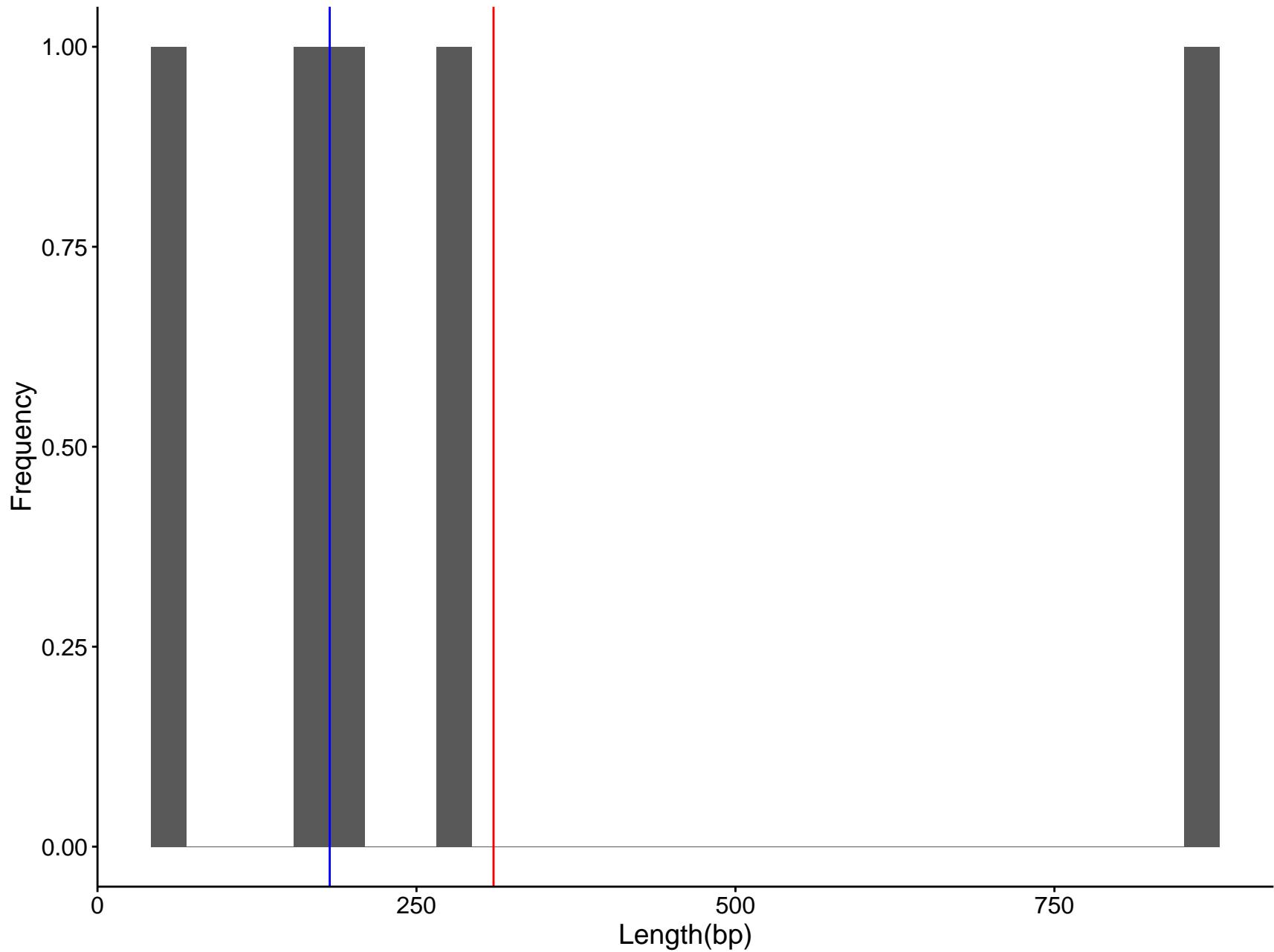
Length(bp)



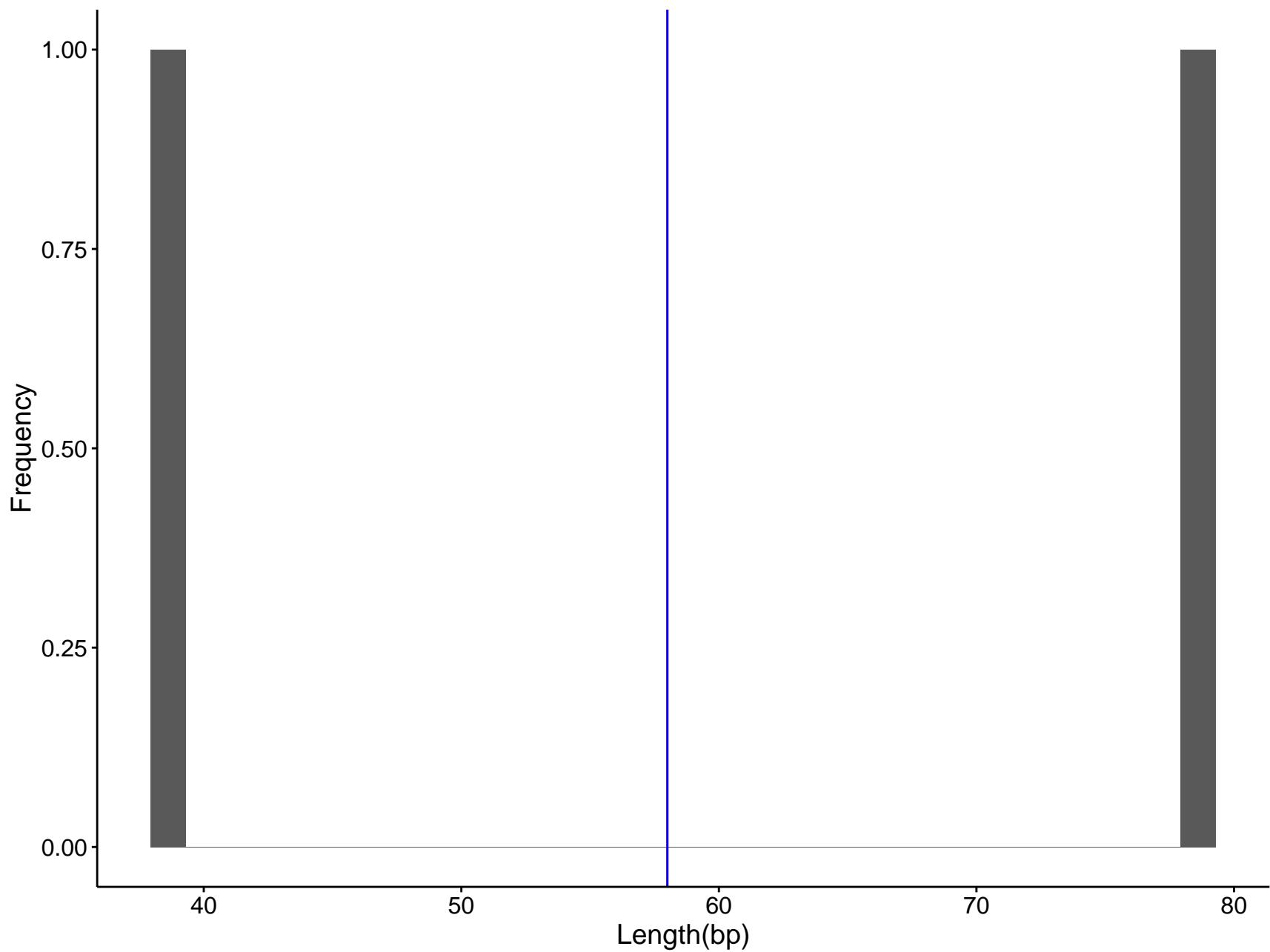
Cluster1157



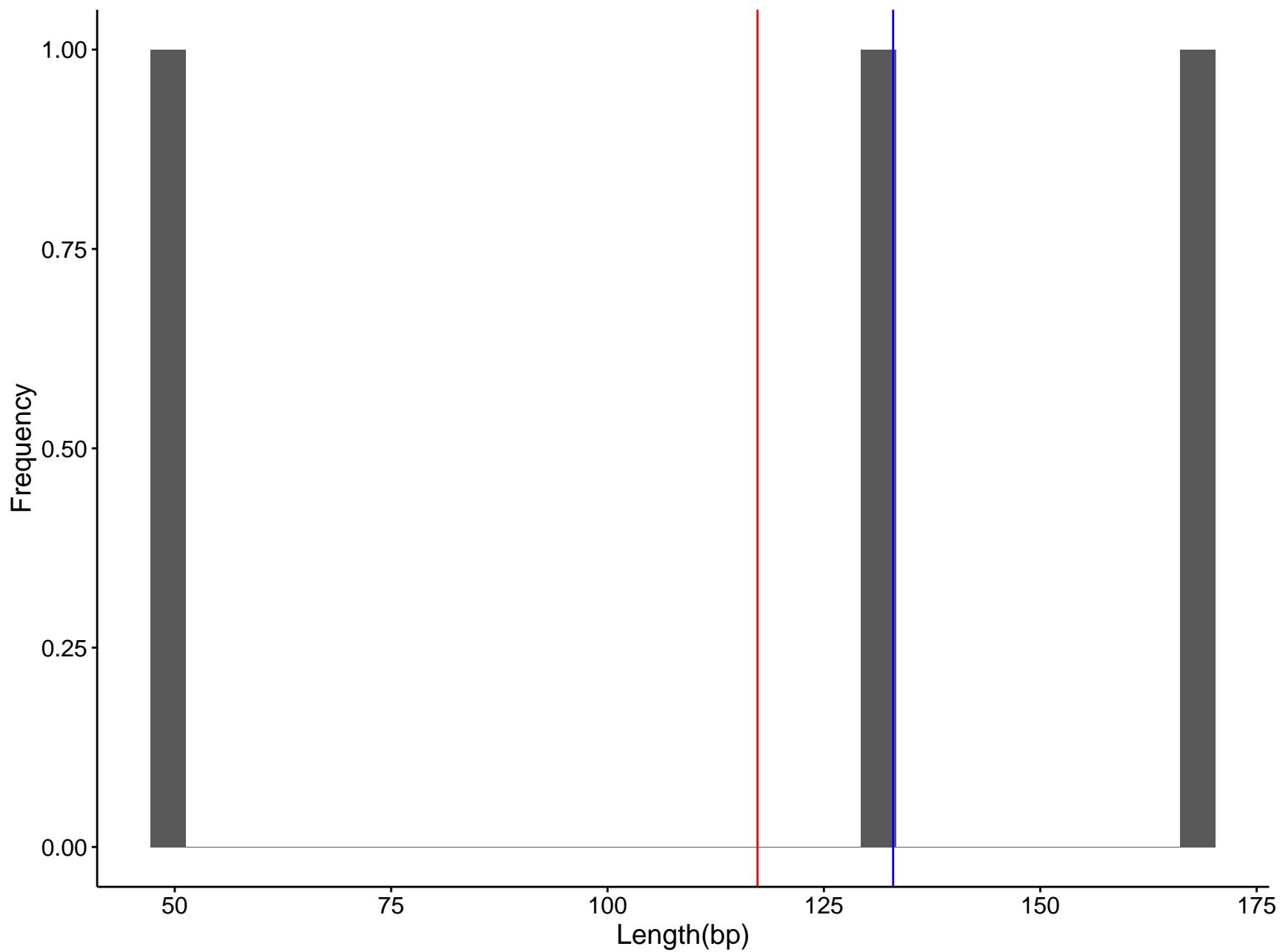
Cluster115



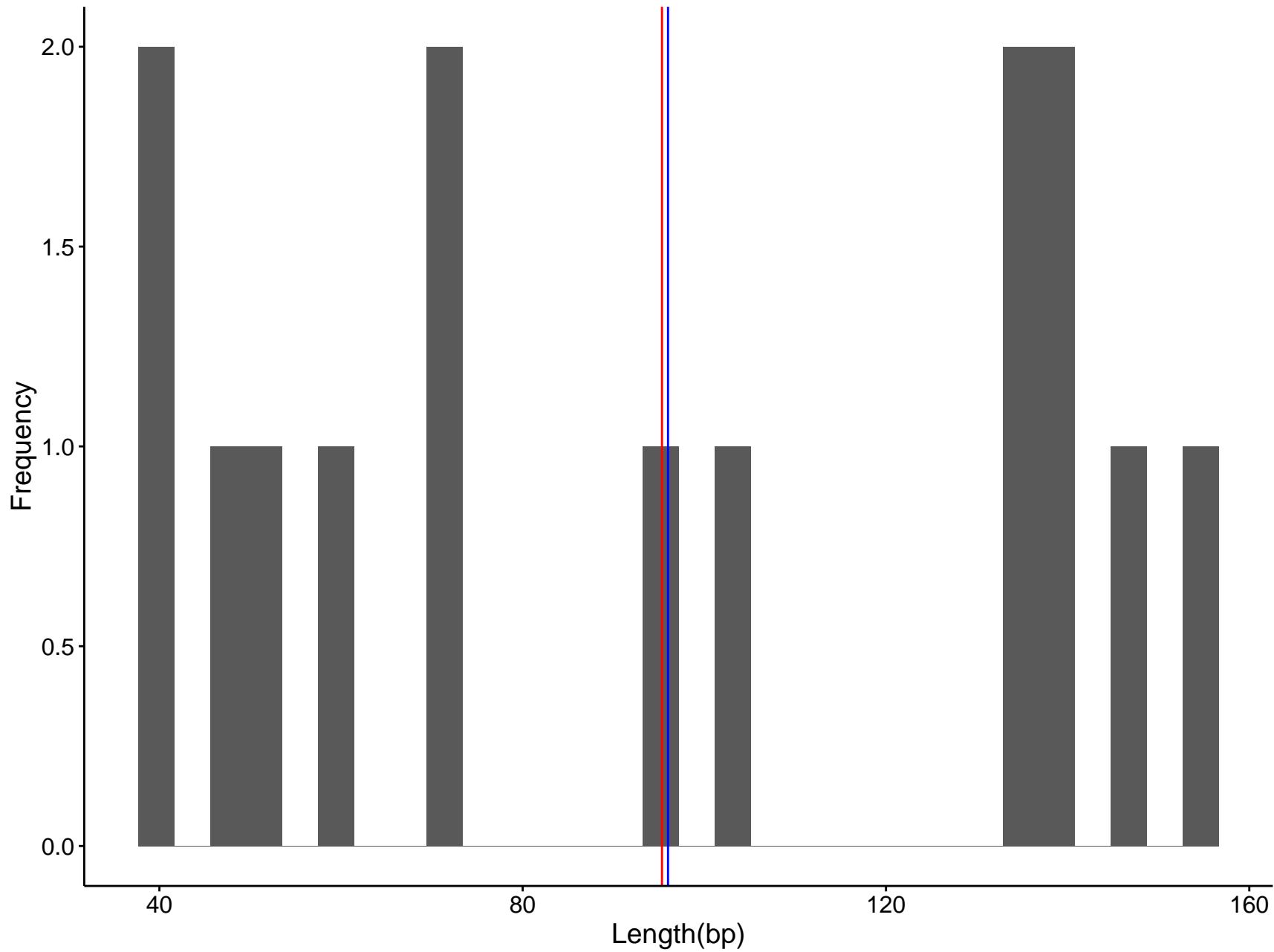
Cluster1162



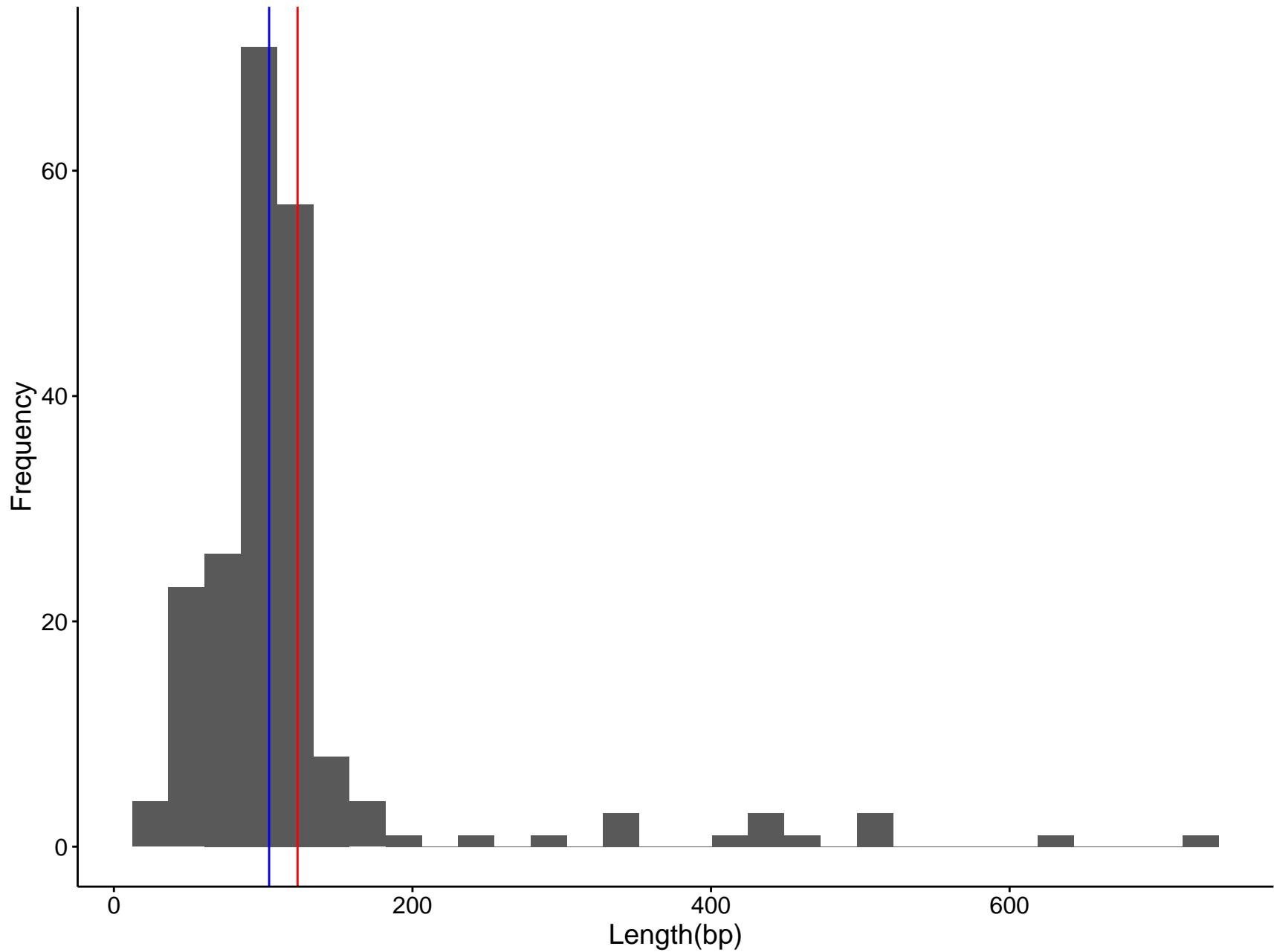
Cluster1163



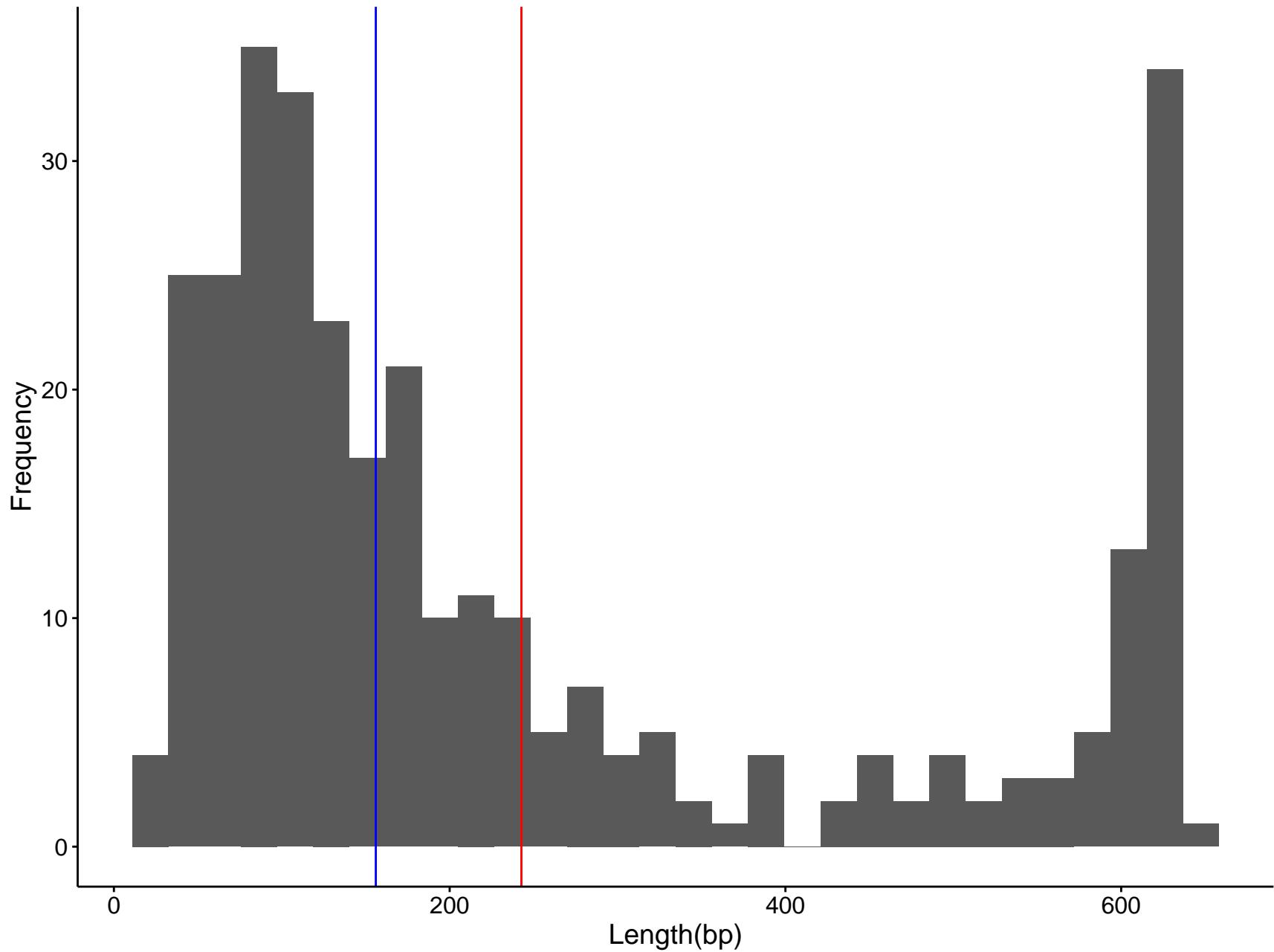
Cluster1166



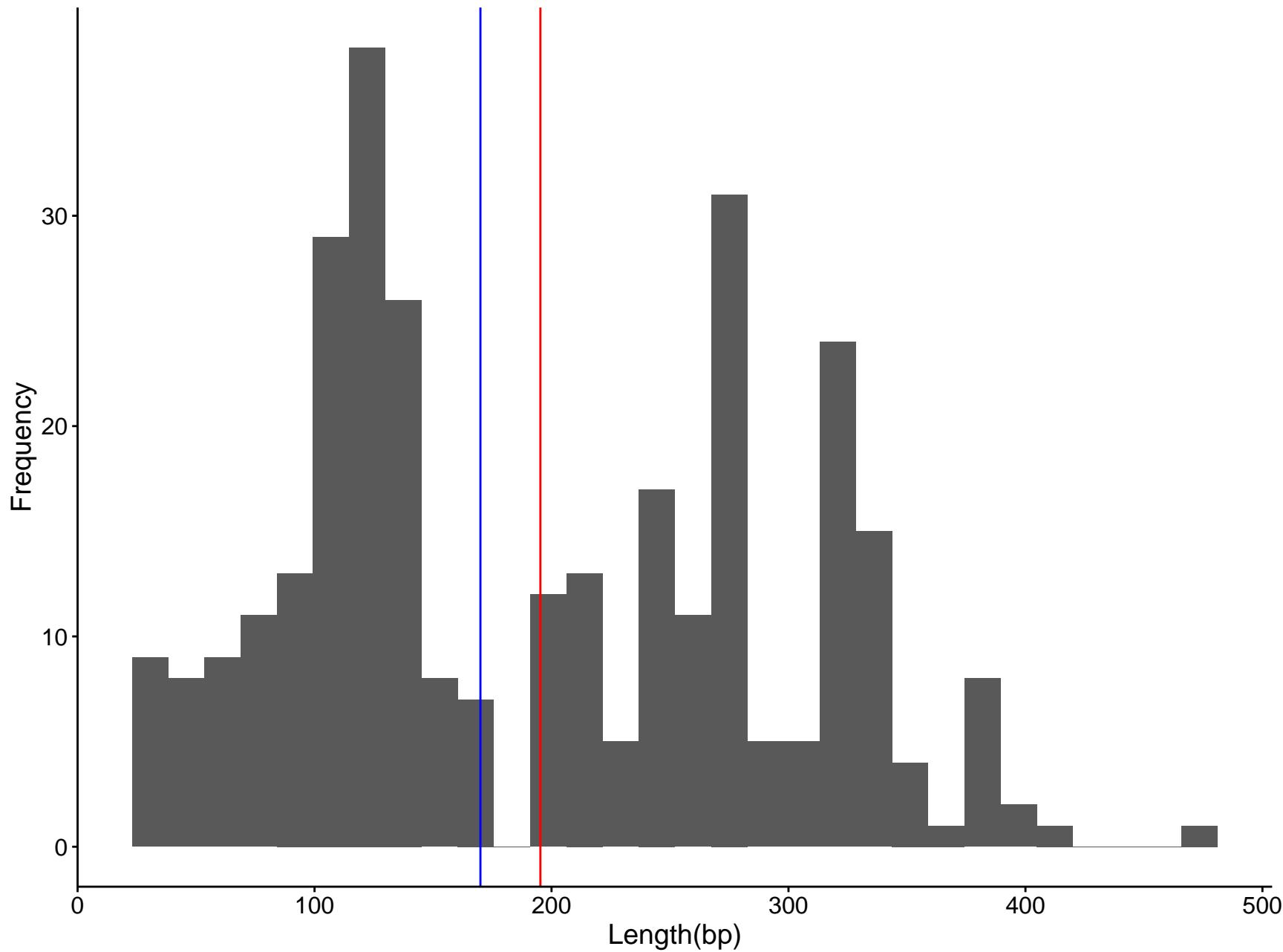
Cluster1167



Cluster1168



Cluster1169



Cluster116

Frequency

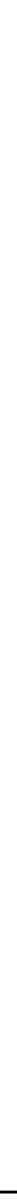
1696.950

1696.975

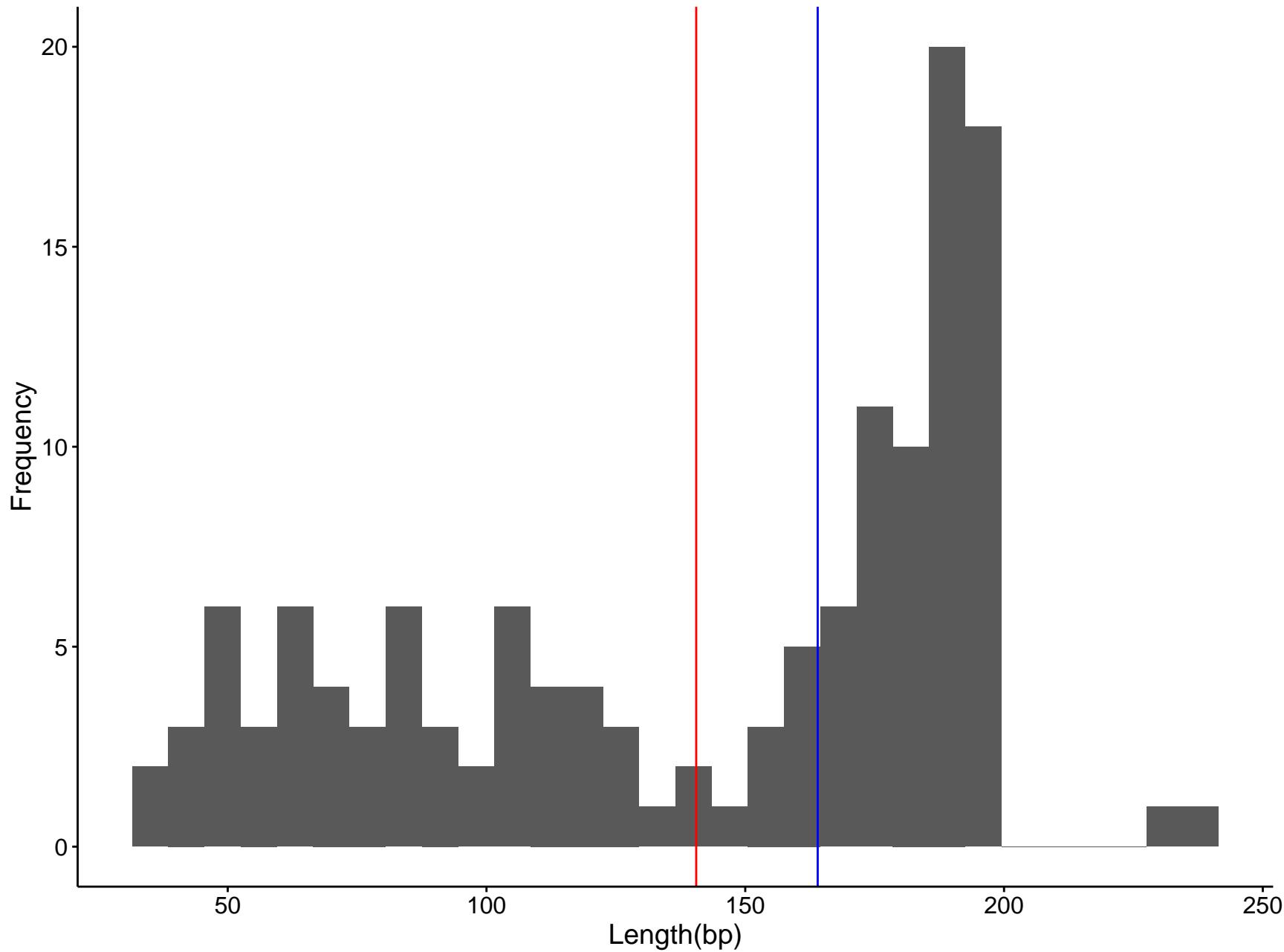
1697.000
Length(bp)

1697.025

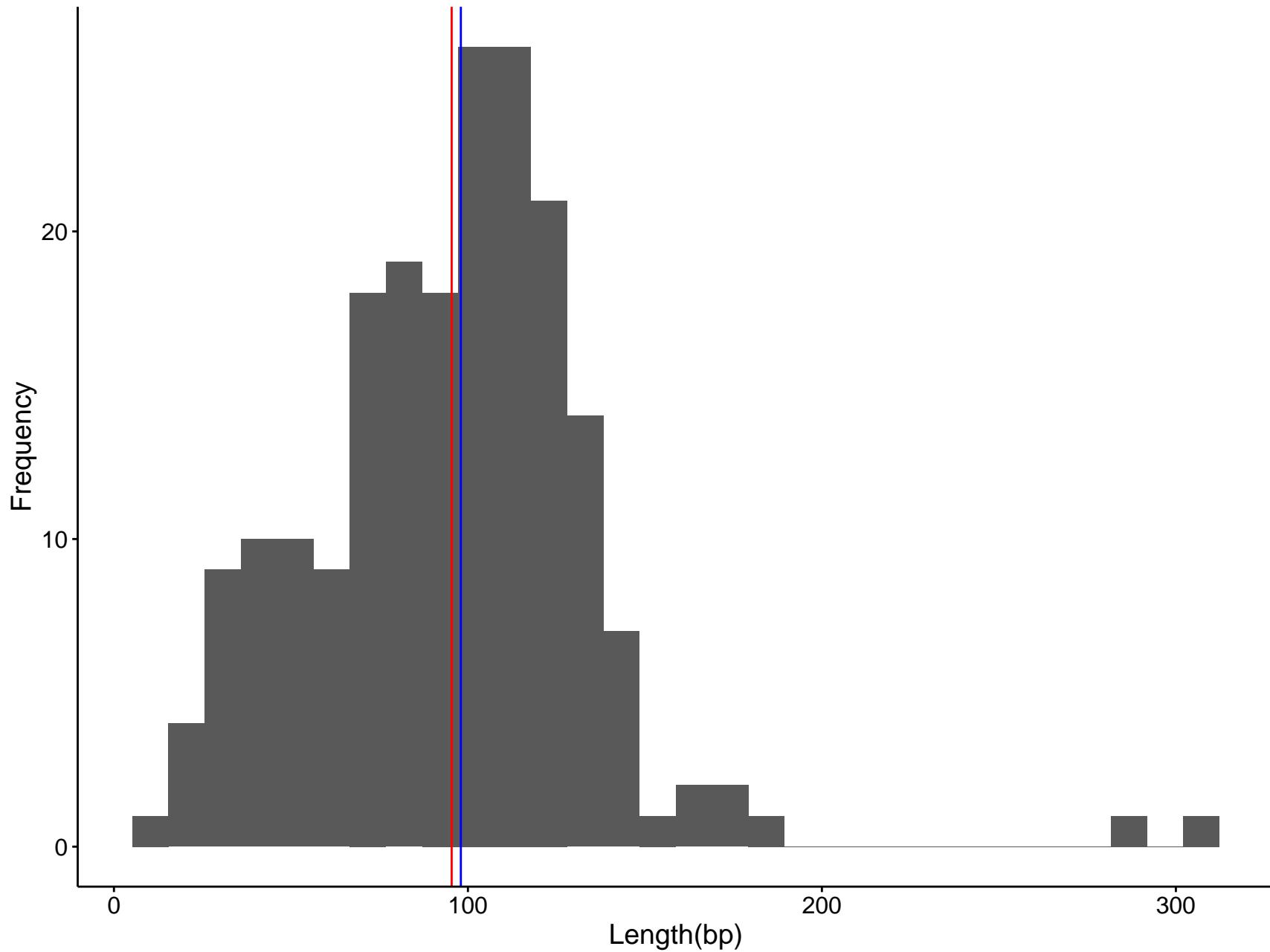
1697.



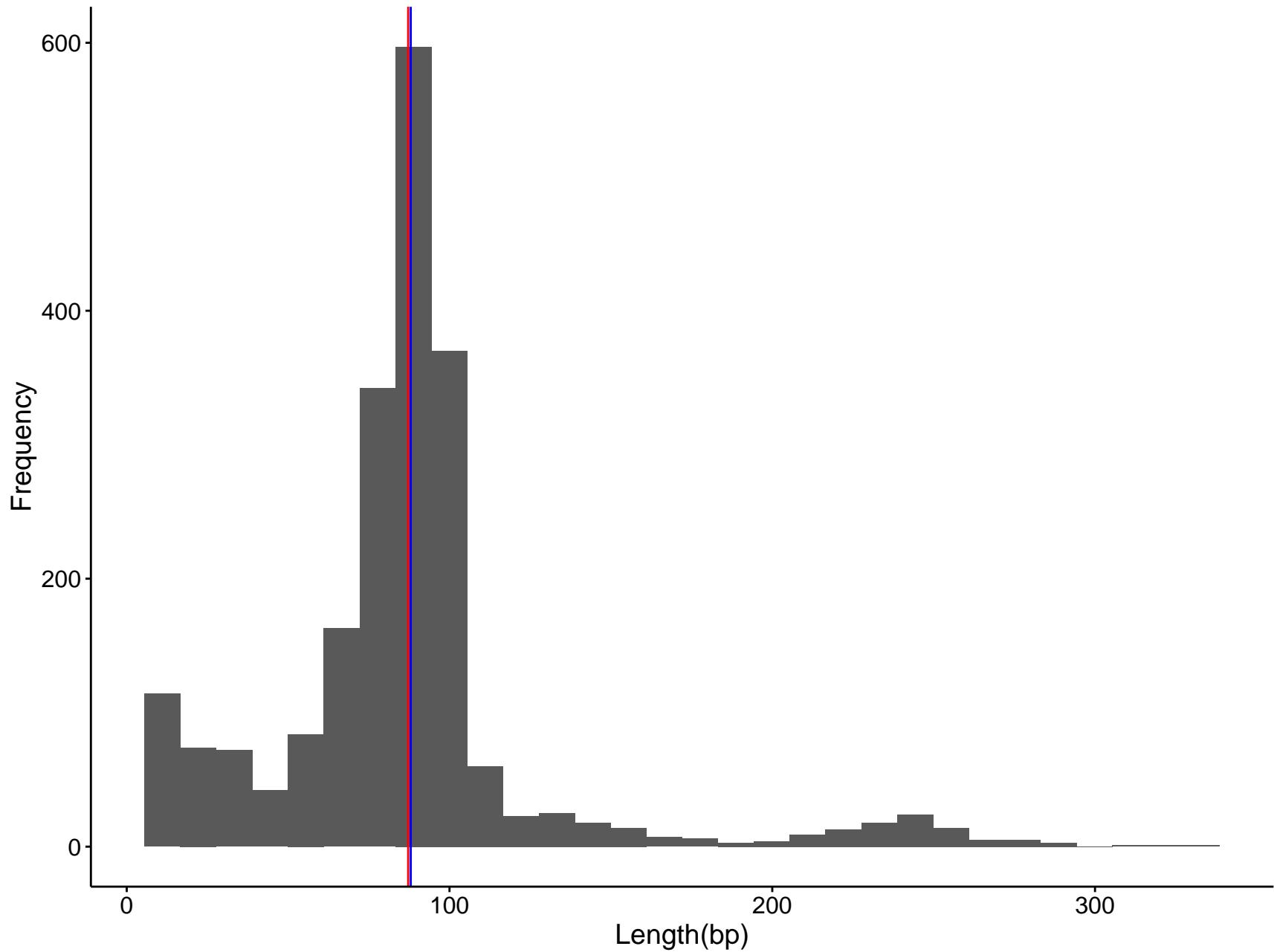
Cluster1170



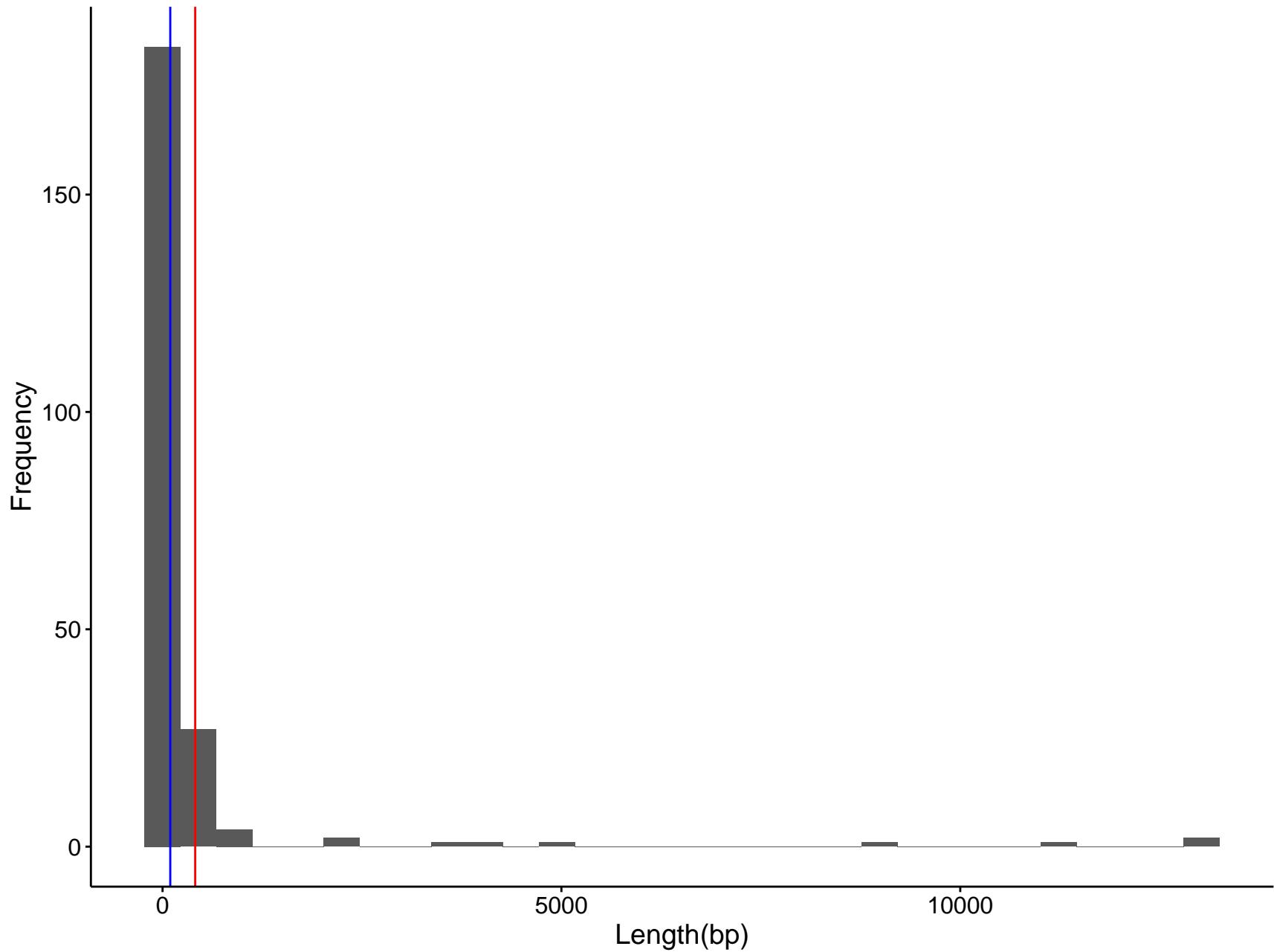
Cluster1171



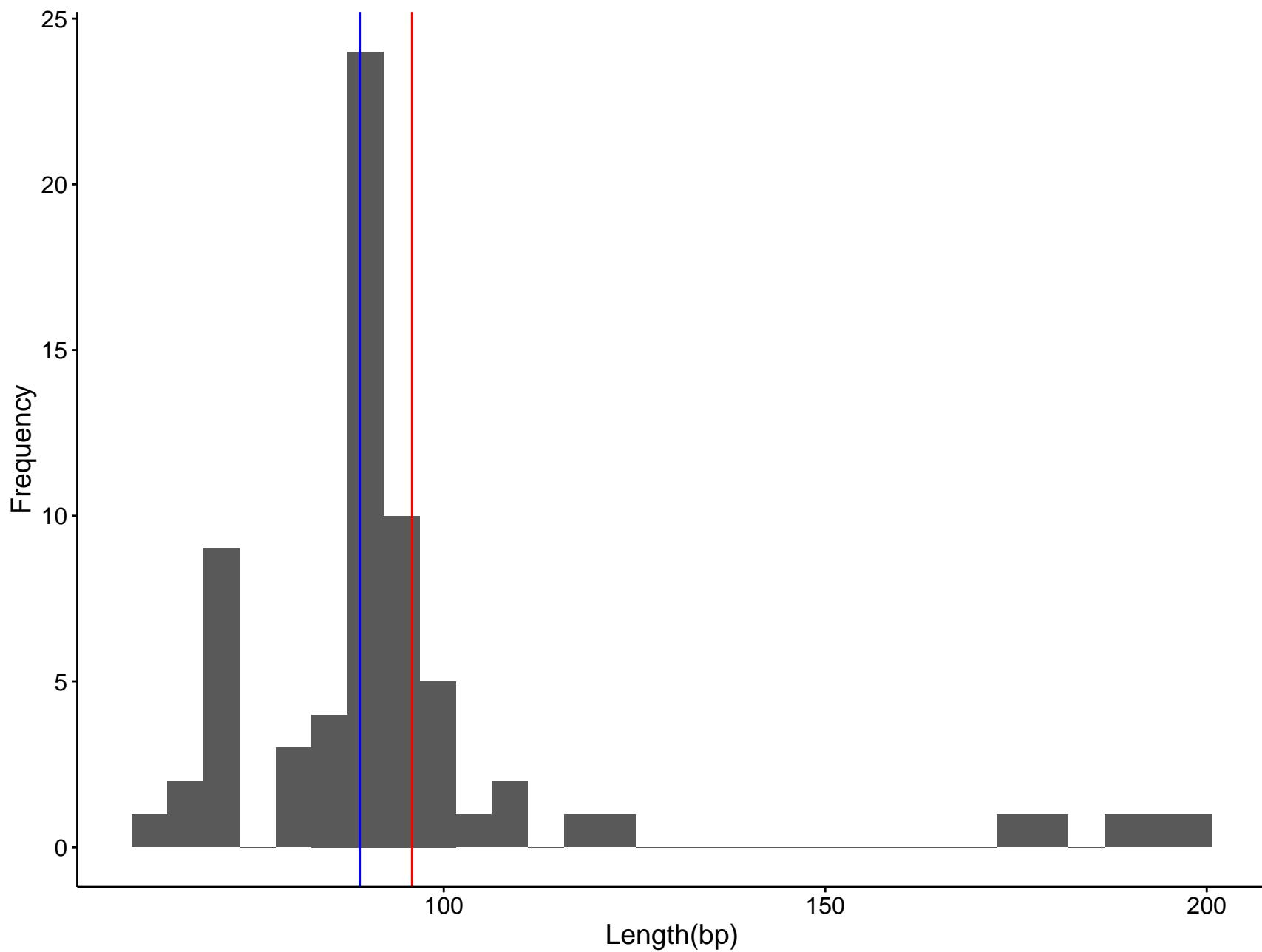
Cluster1172



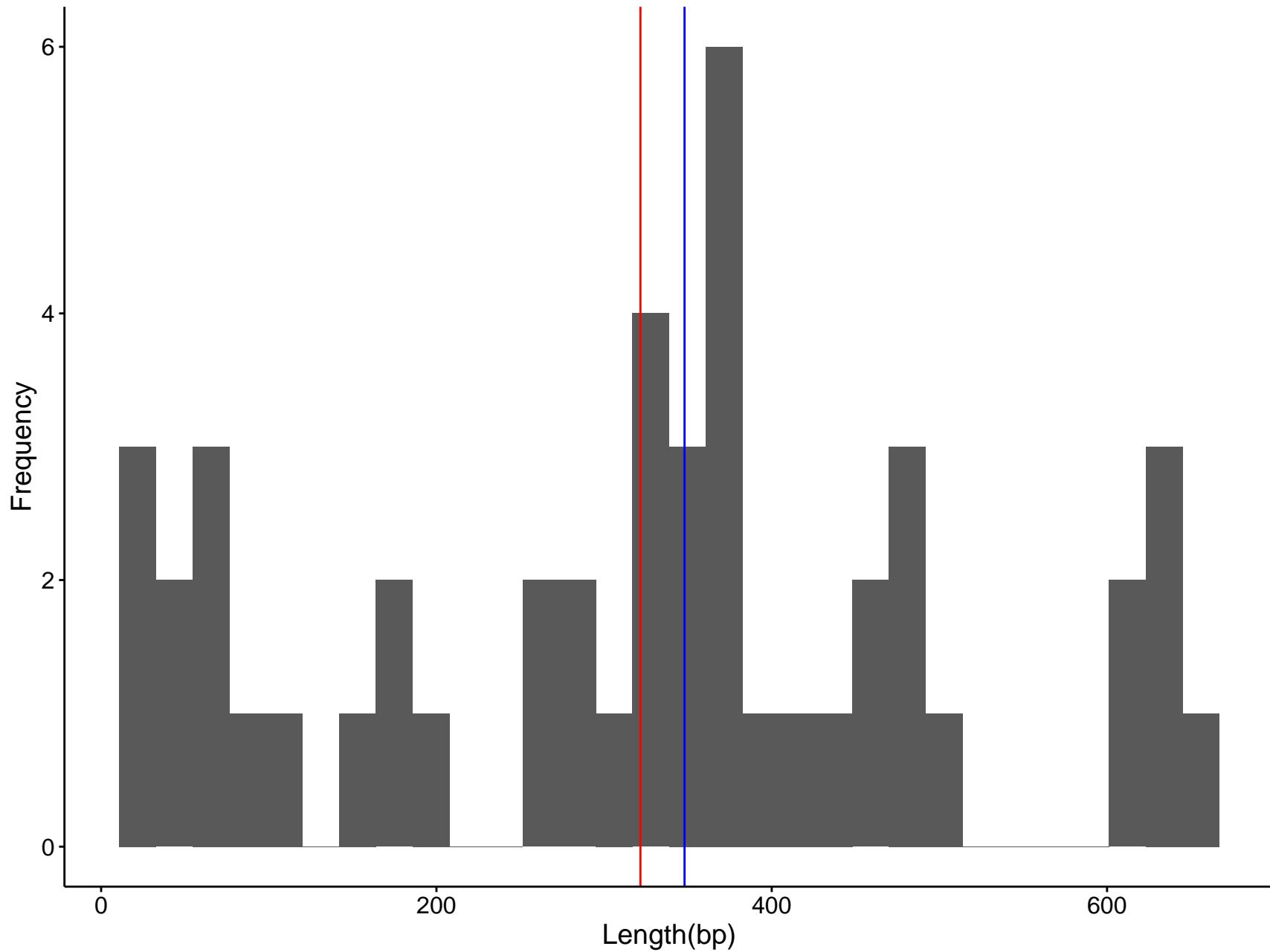
Cluster1173



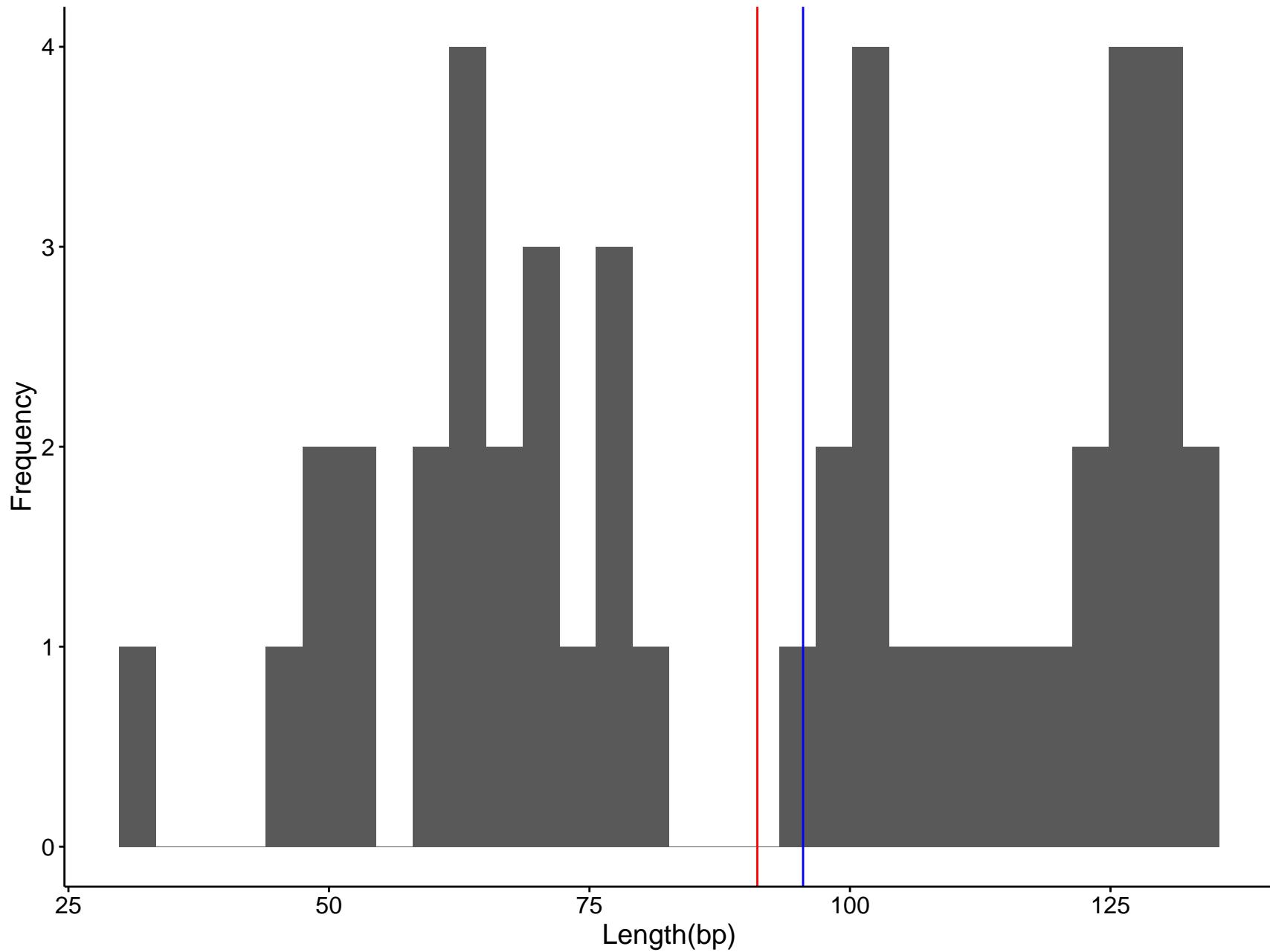
Cluster1174



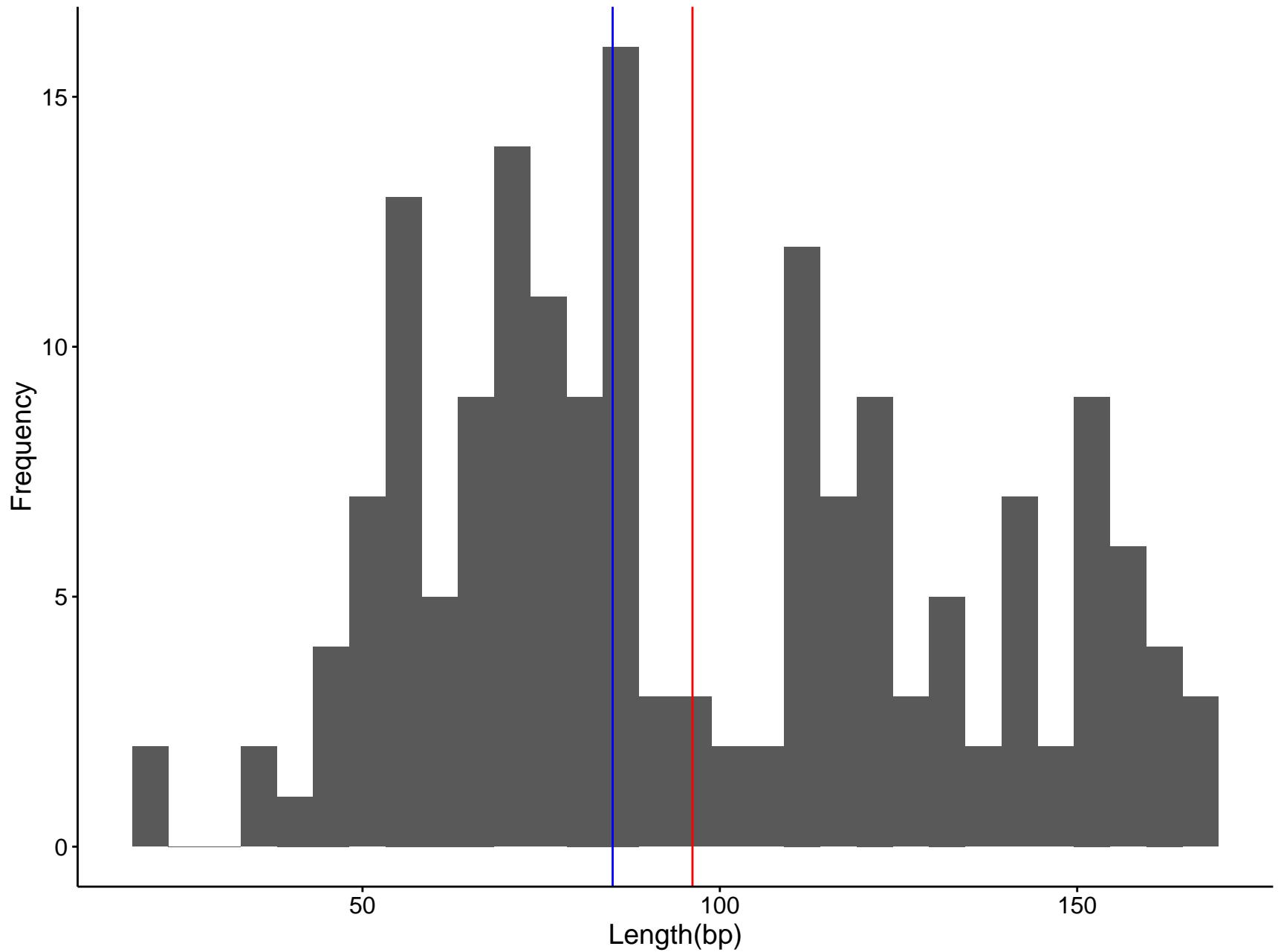
Cluster1175



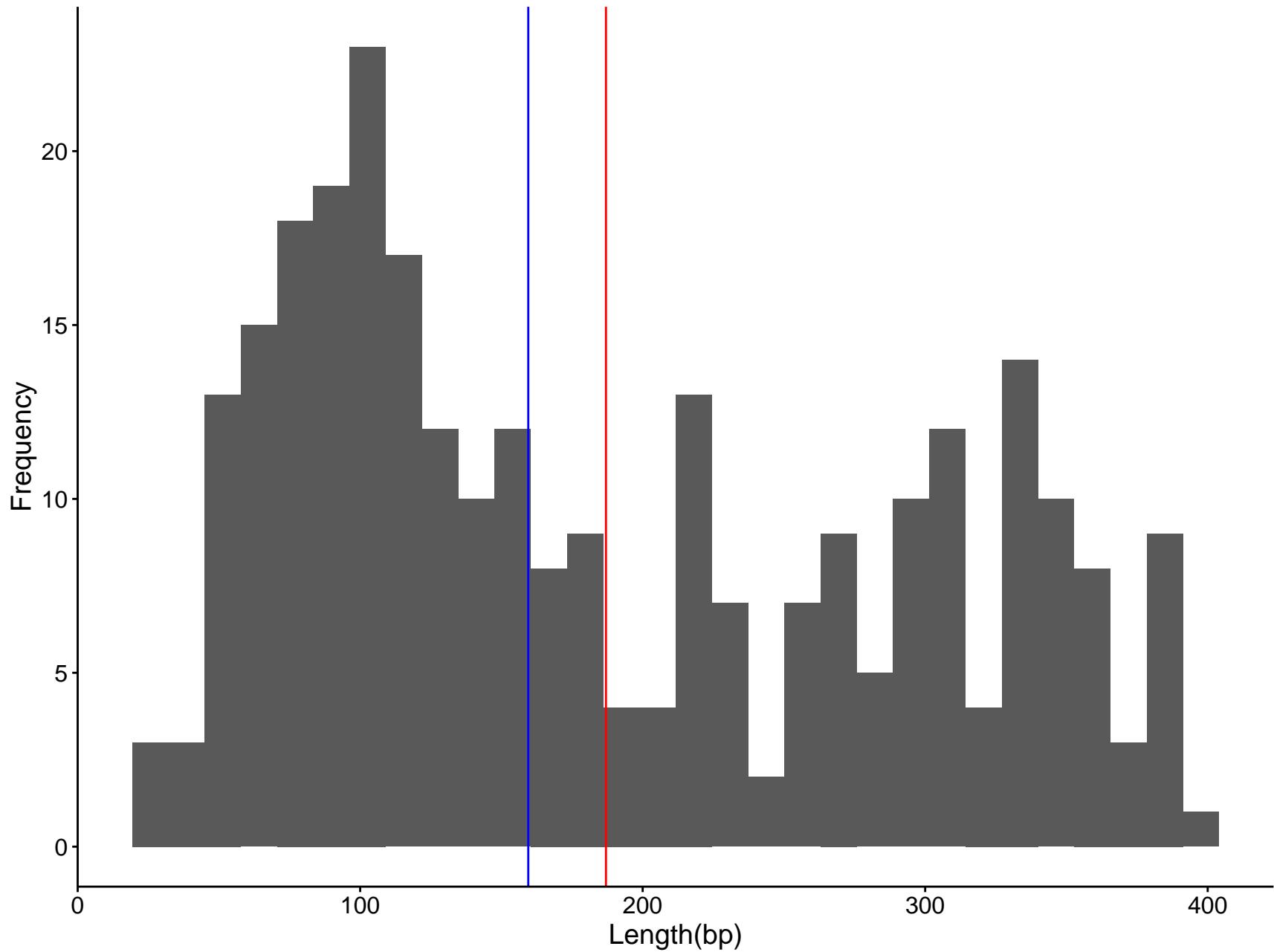
Cluster1176



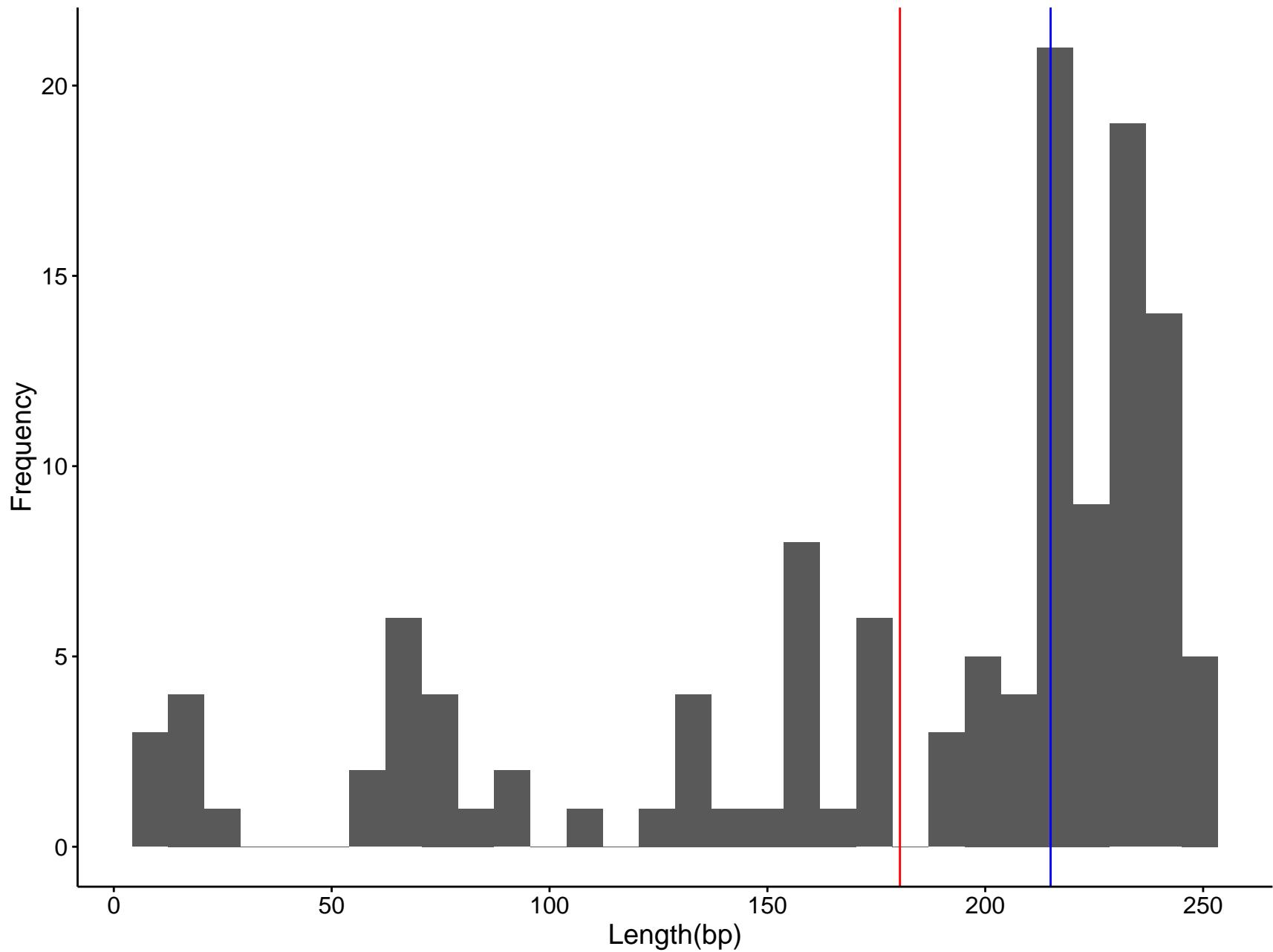
Cluster1177



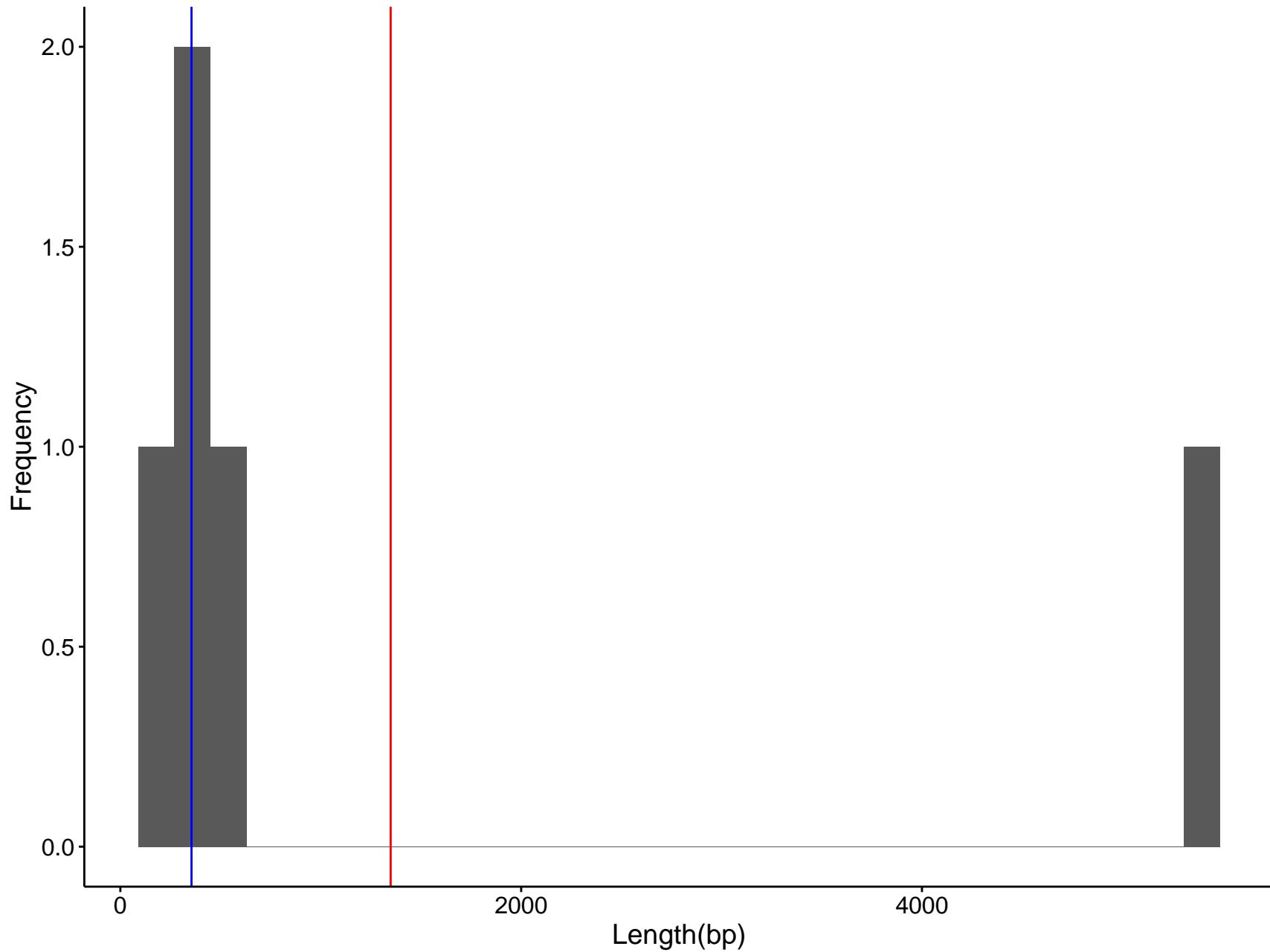
Cluster1178



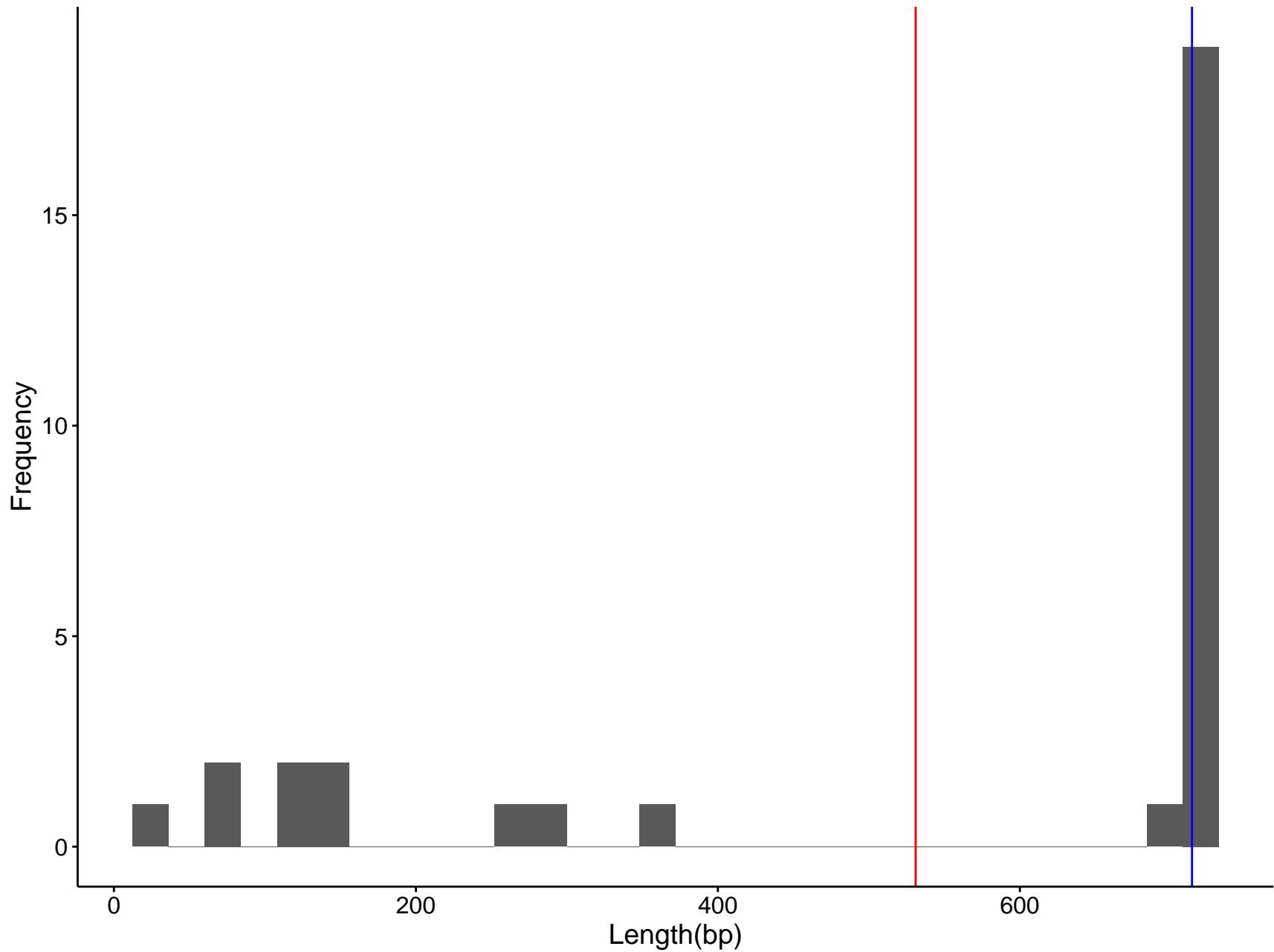
Cluster1179



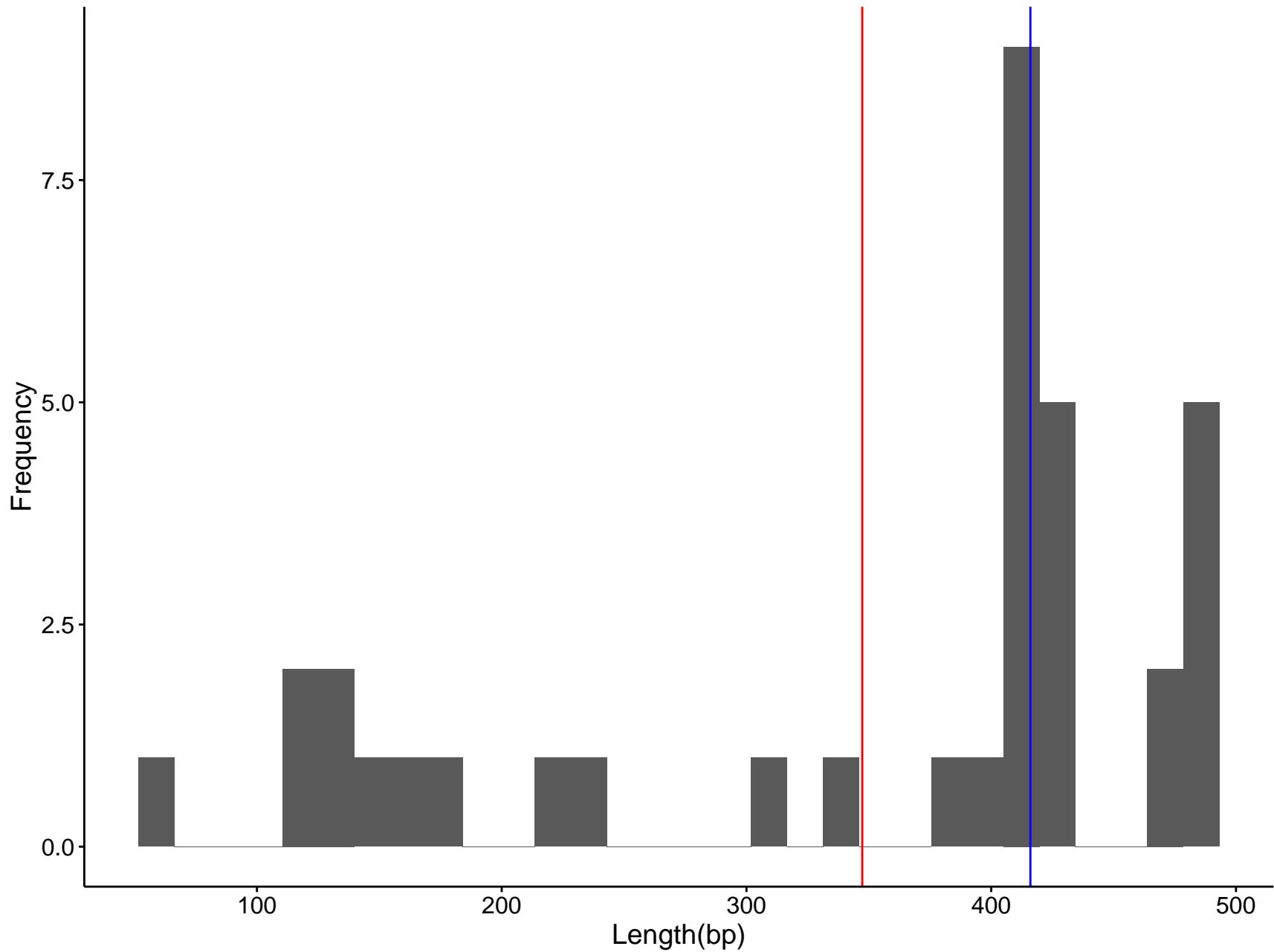
Cluster117



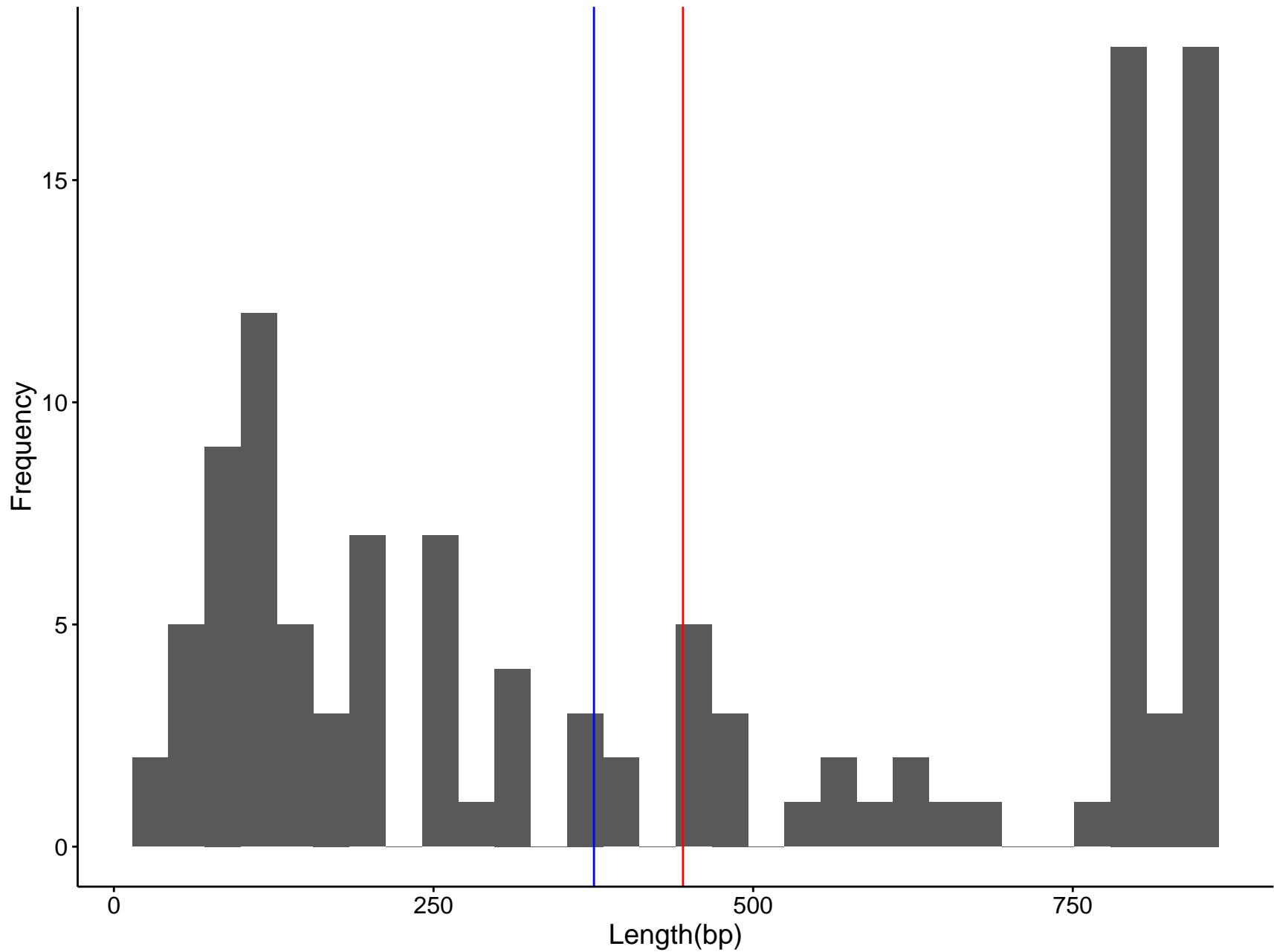
Cluster1180



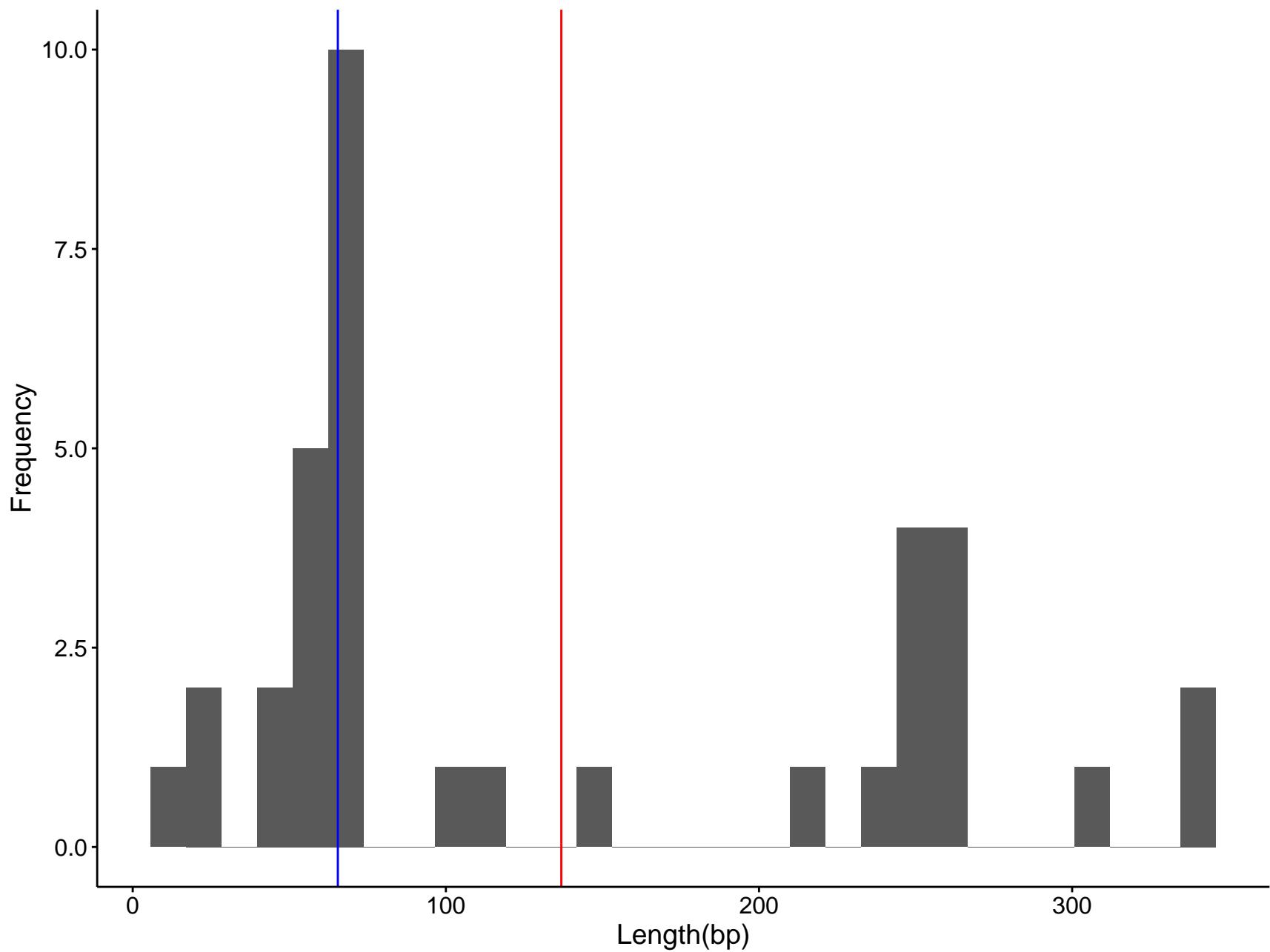
Cluster1181



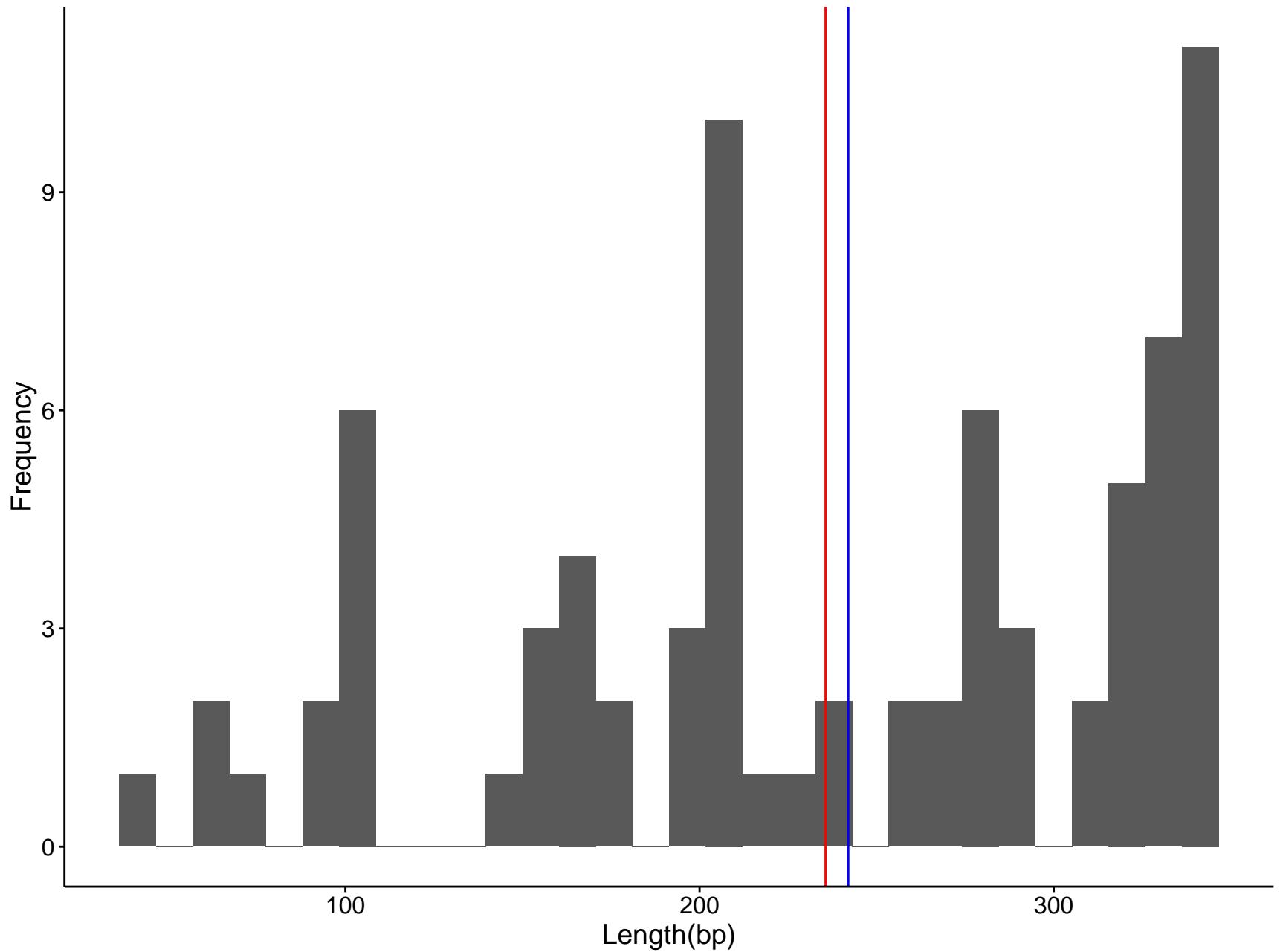
Cluster1182



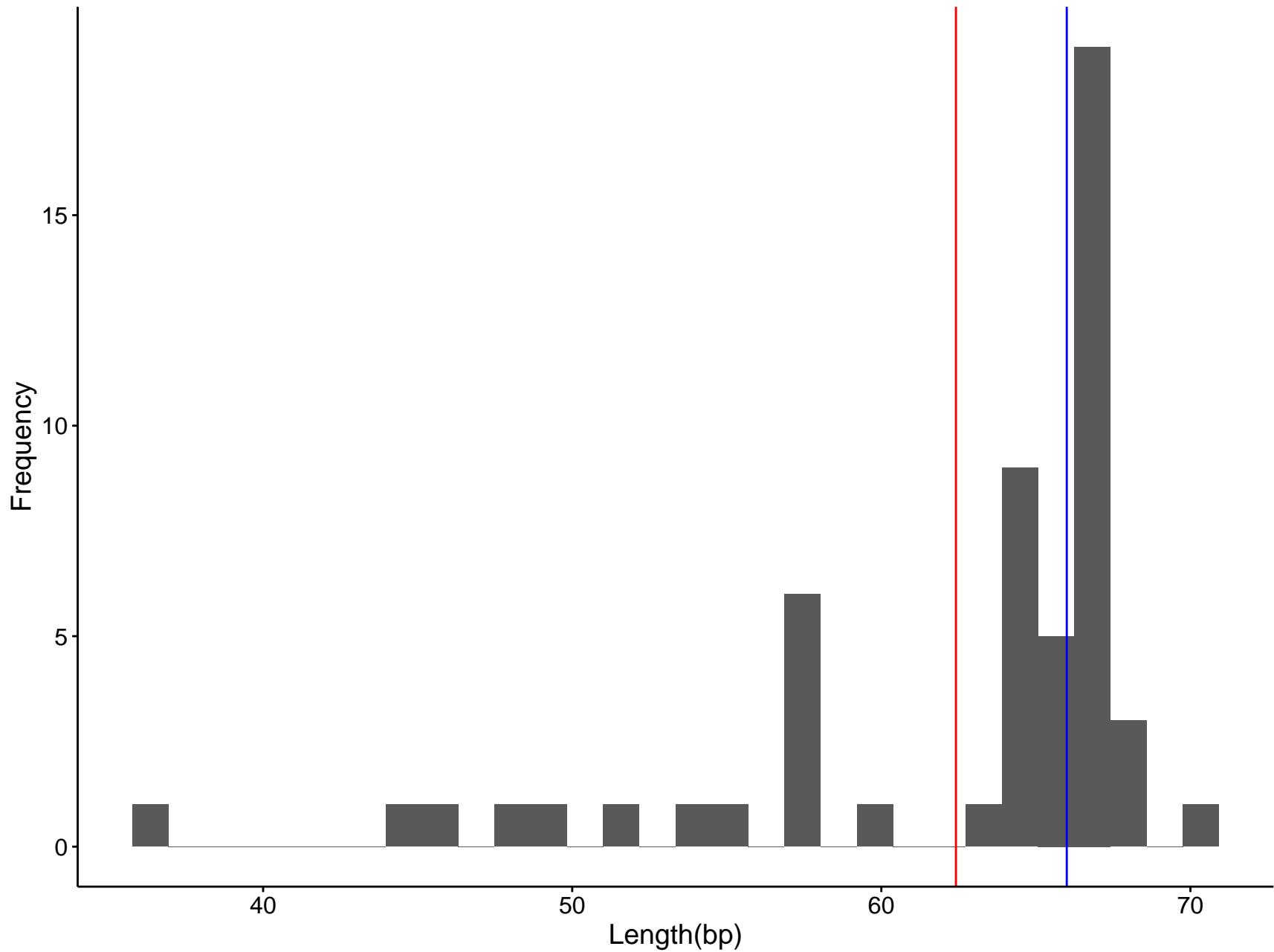
Cluster1183



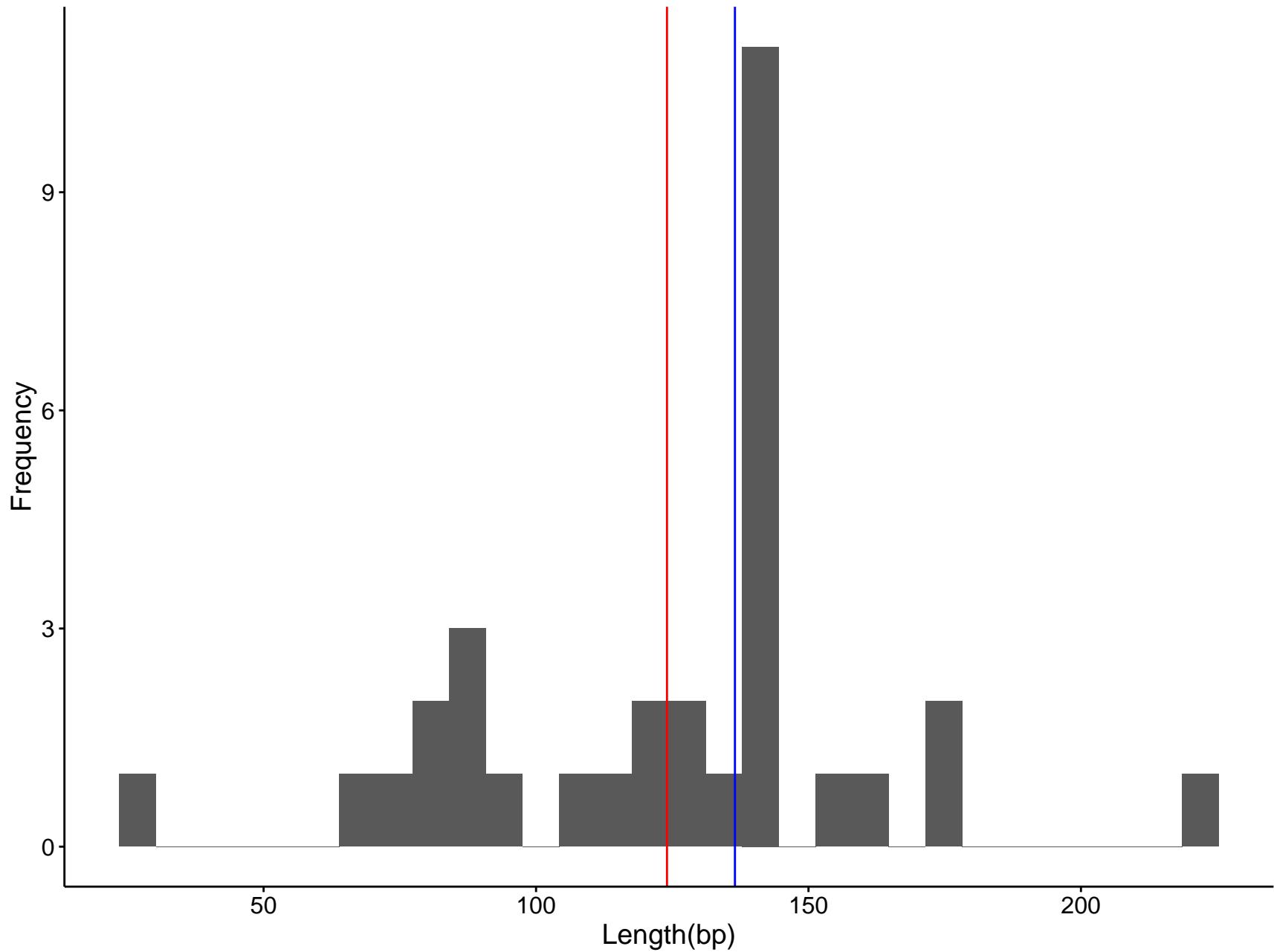
Cluster1184



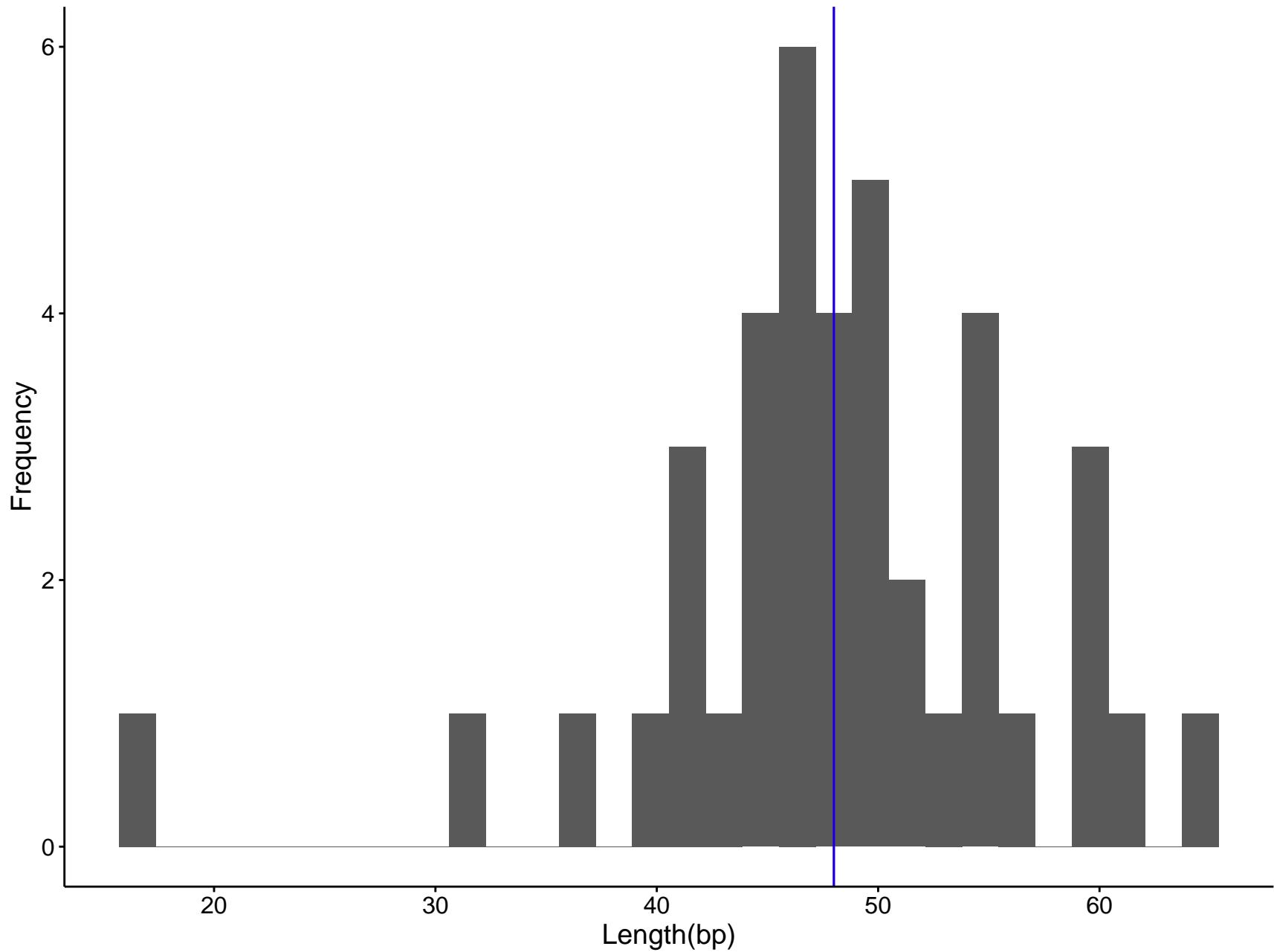
Cluster1185



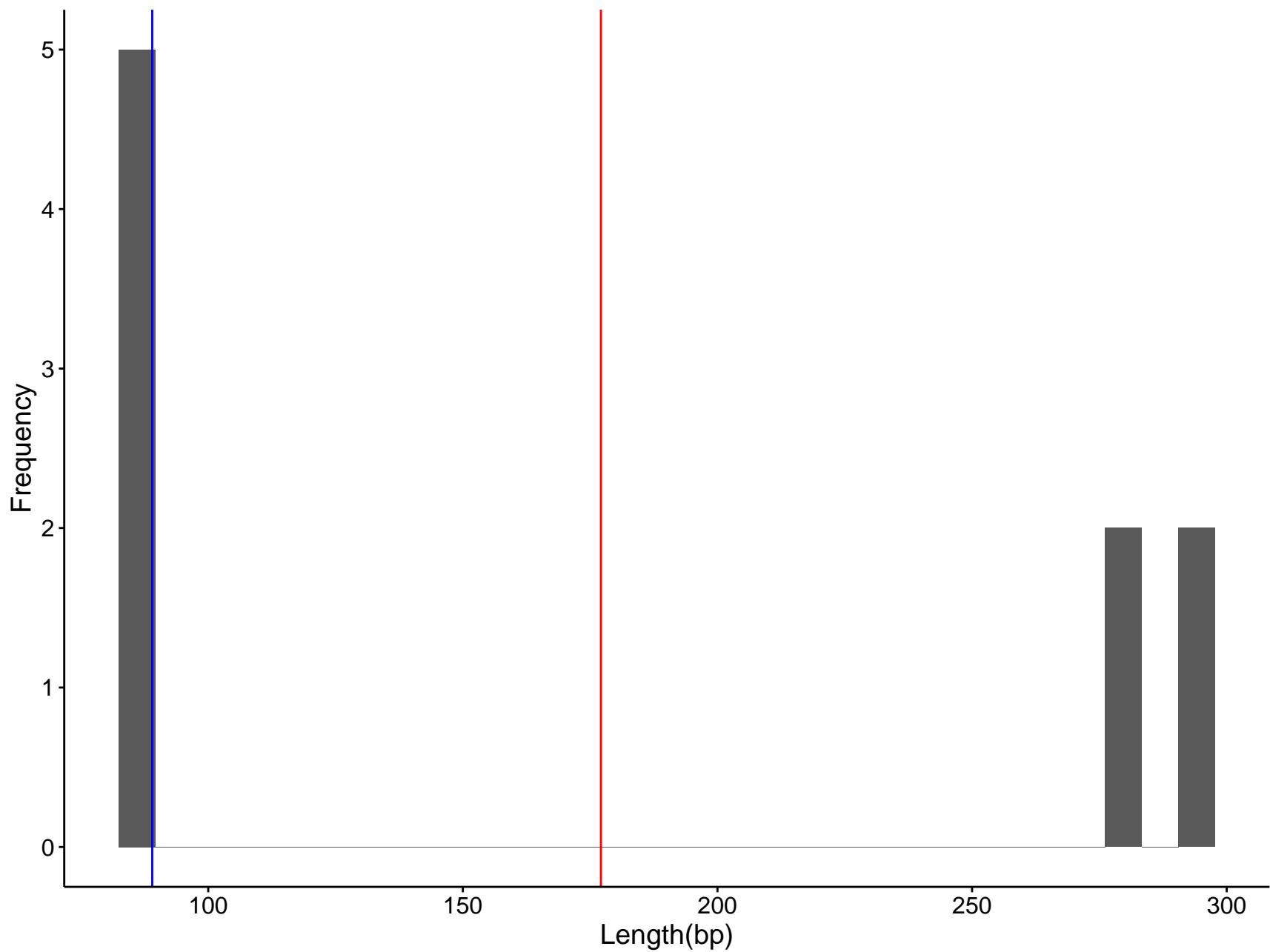
Cluster1186



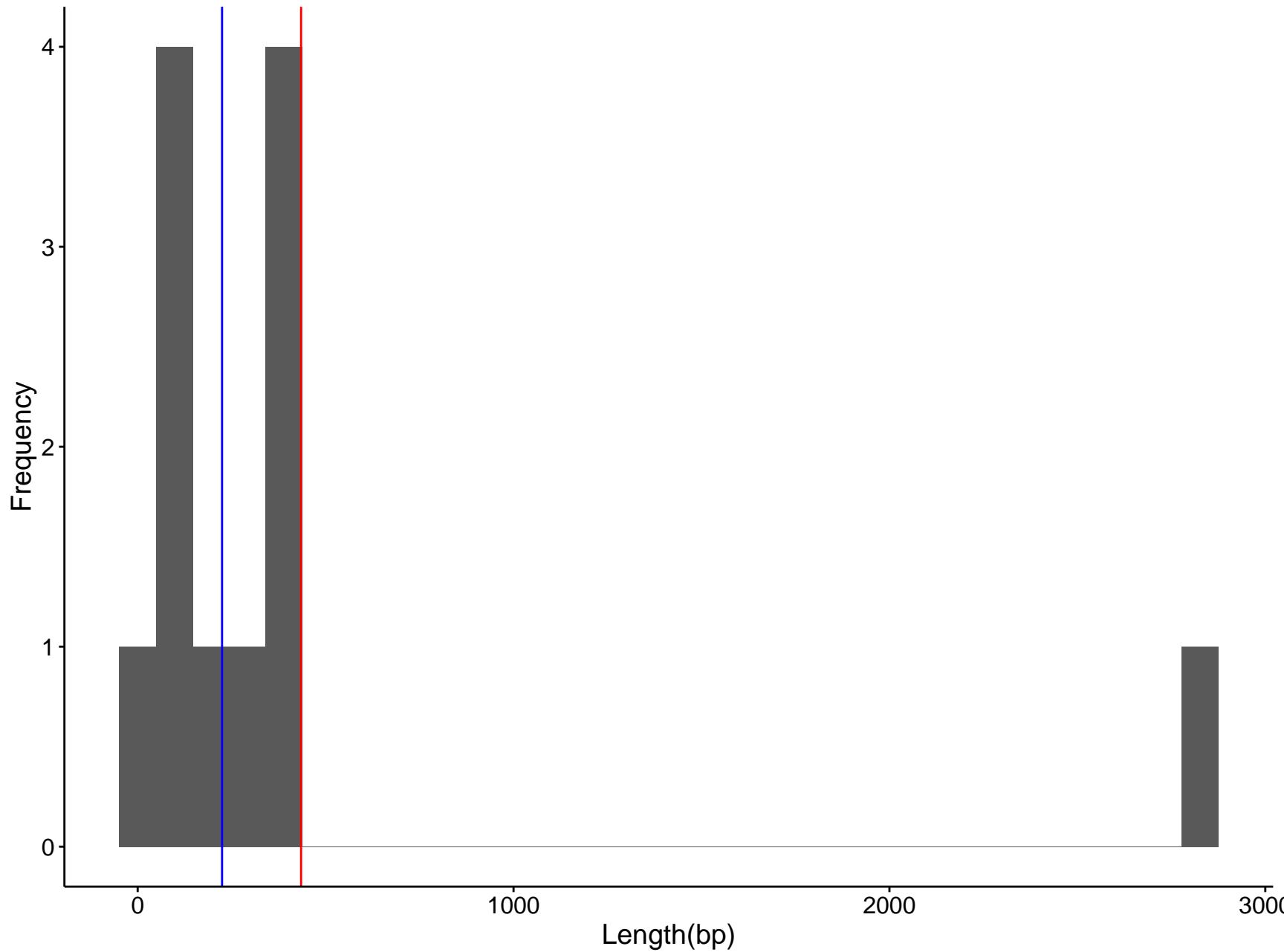
Cluster1188



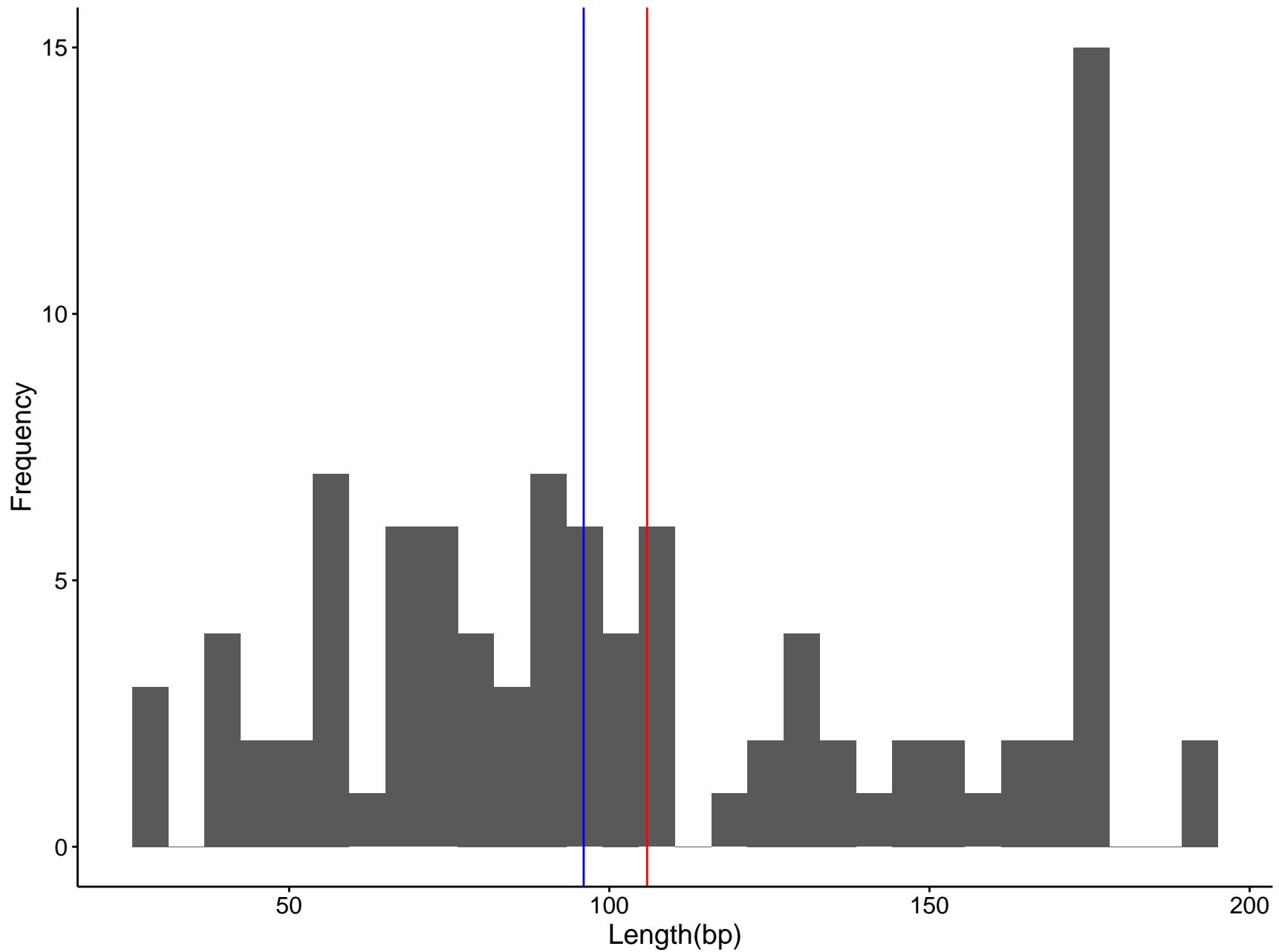
Cluster1189



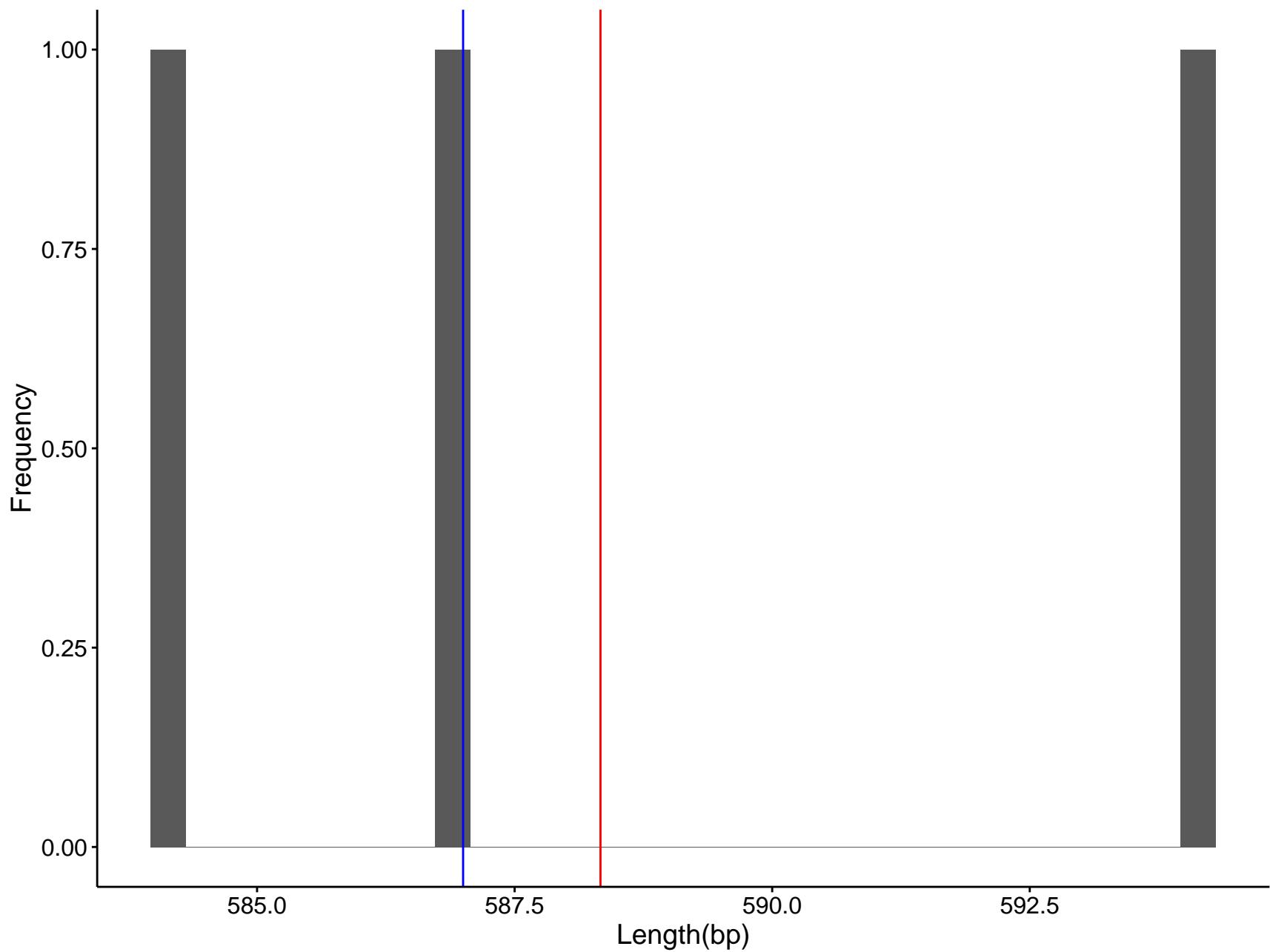
Cluster118



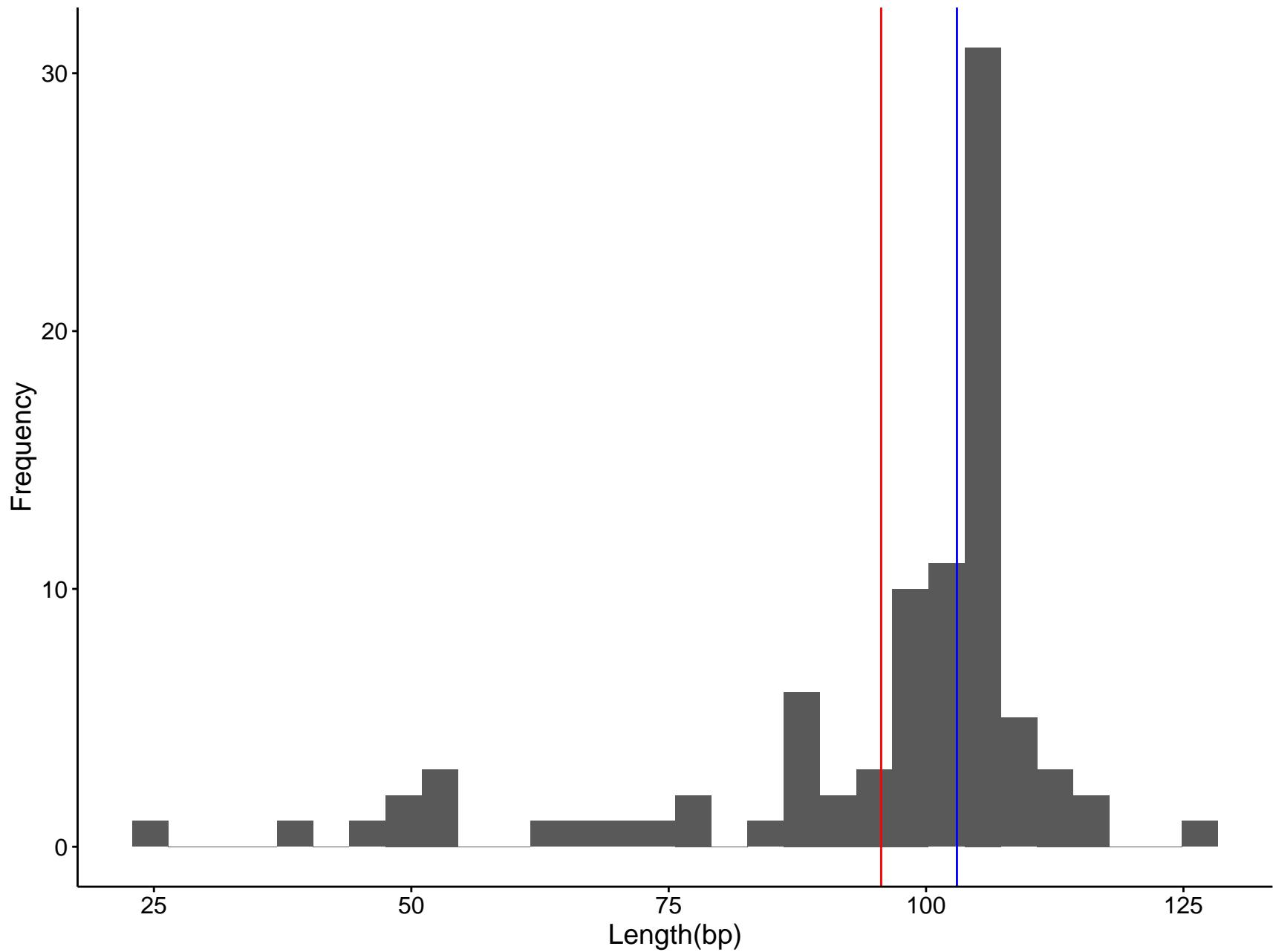
Cluster1190



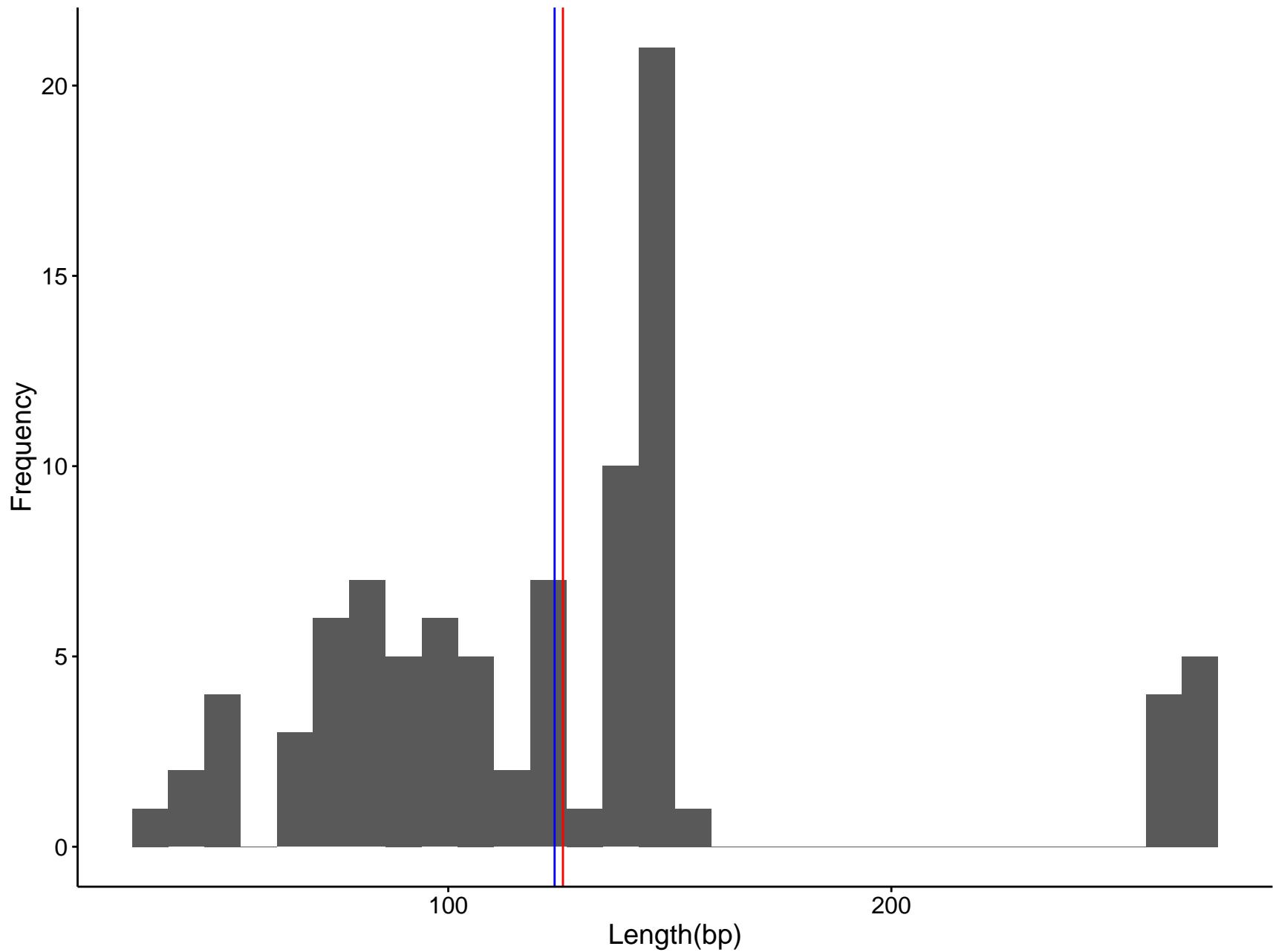
Cluster1191



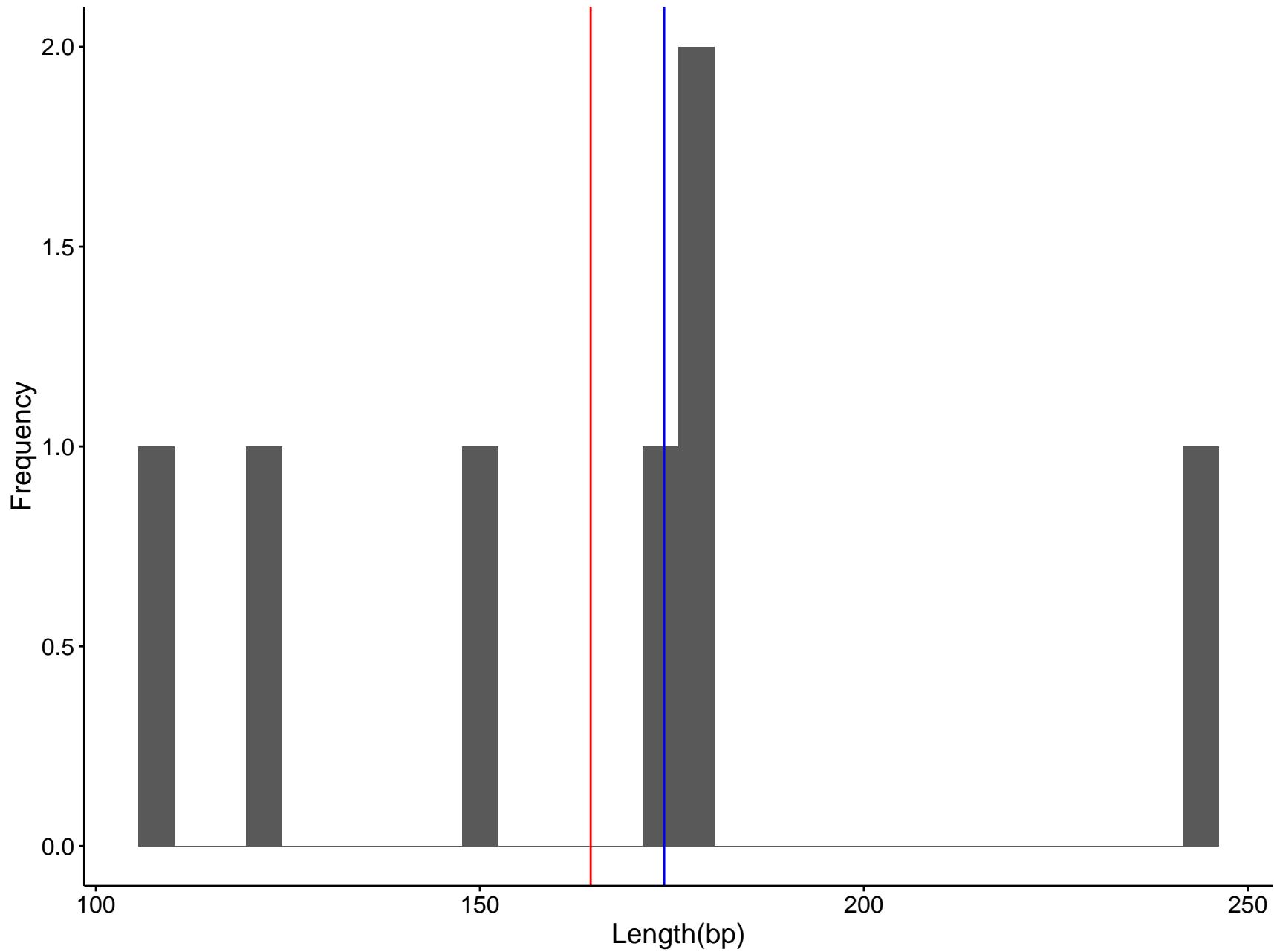
Cluster1192



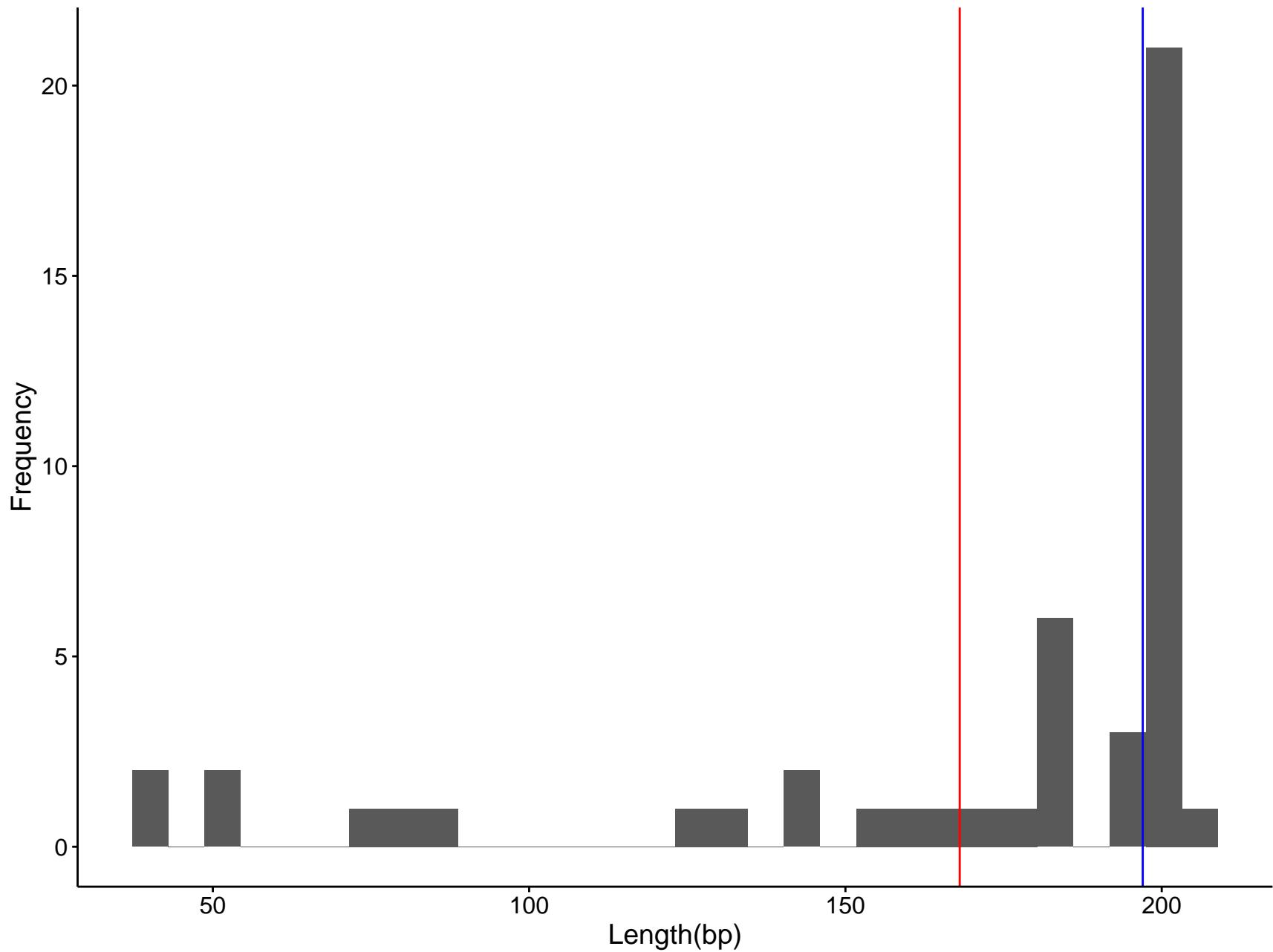
Cluster1193



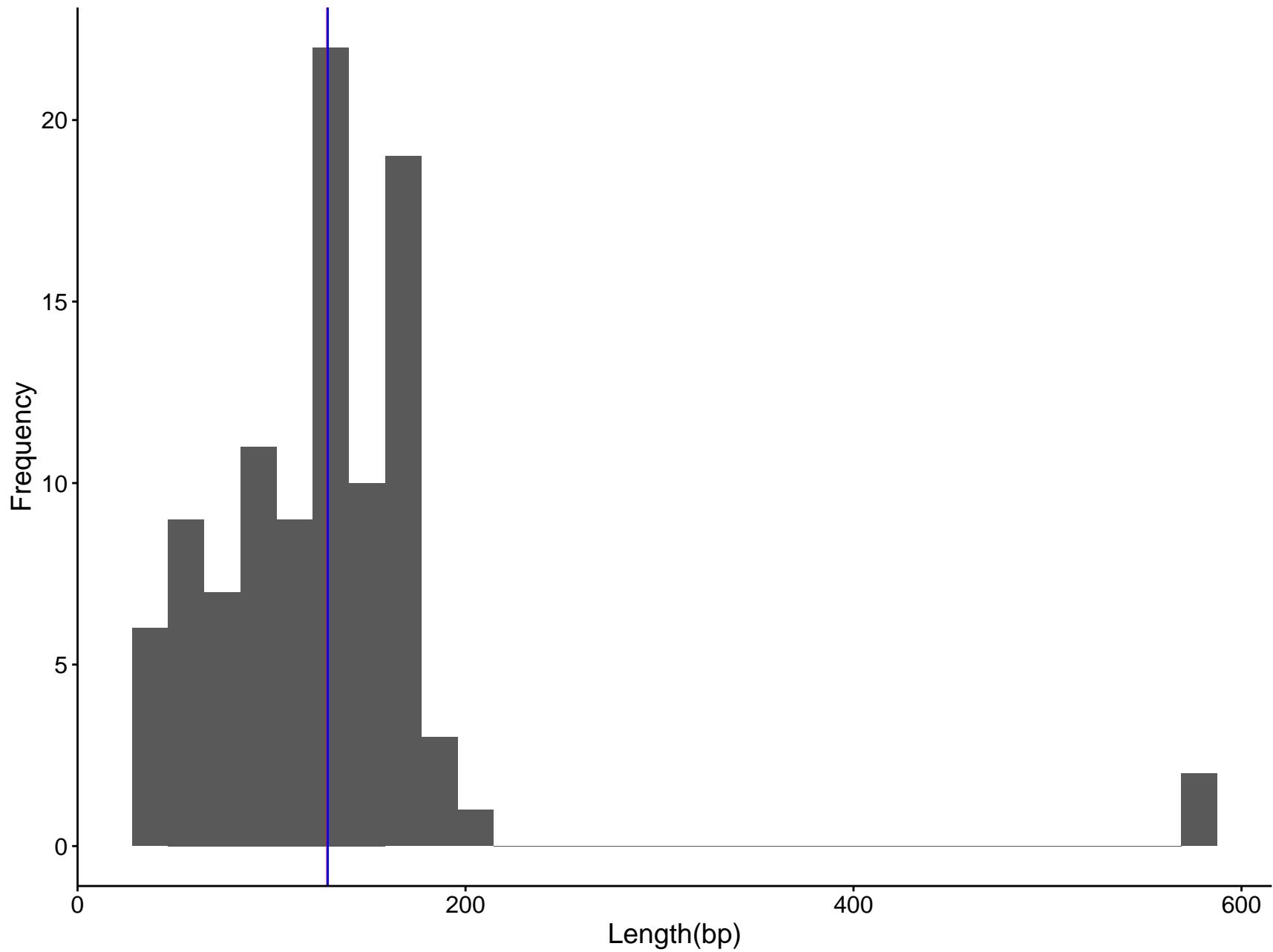
Cluster1194



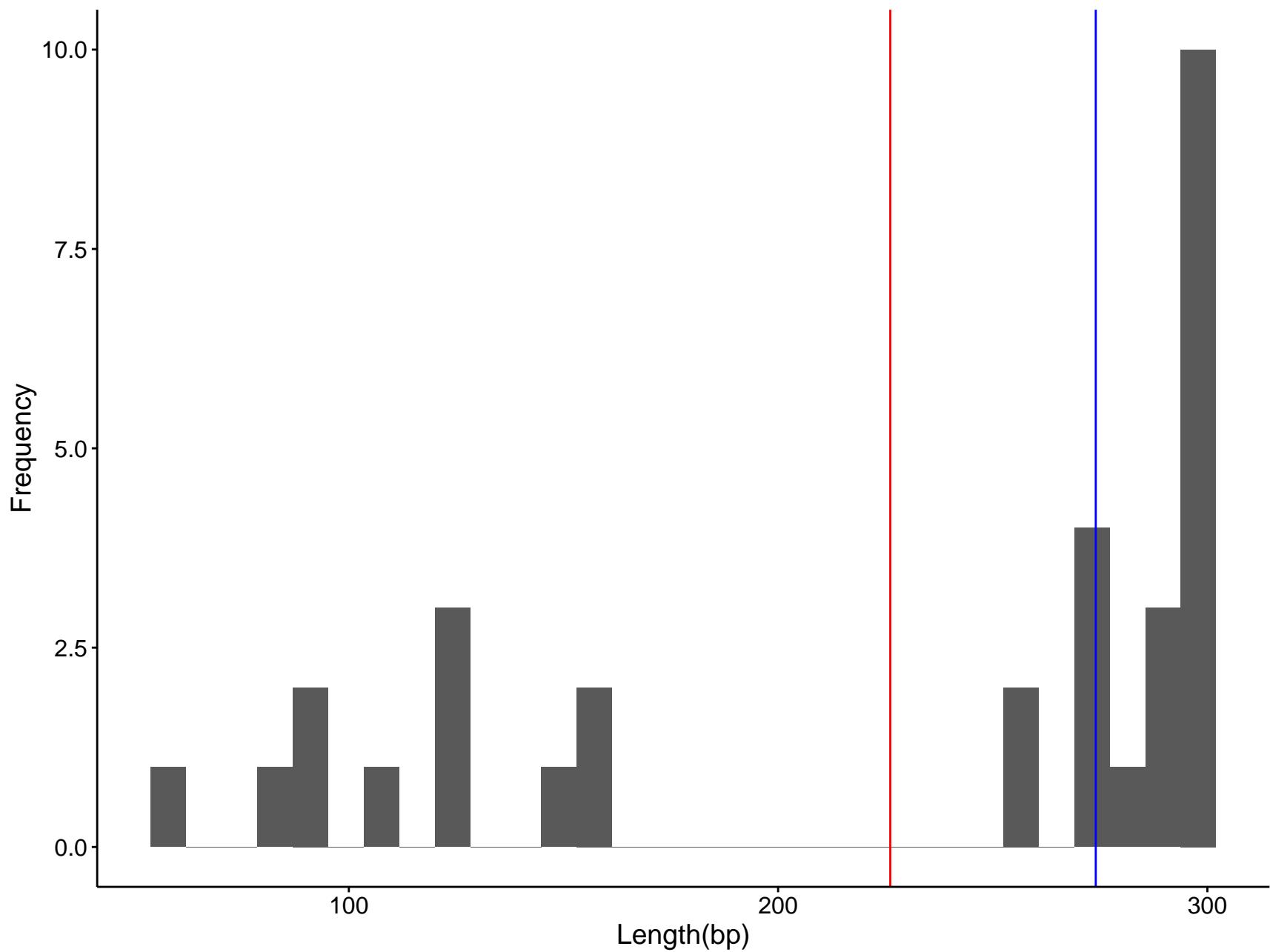
Cluster1195



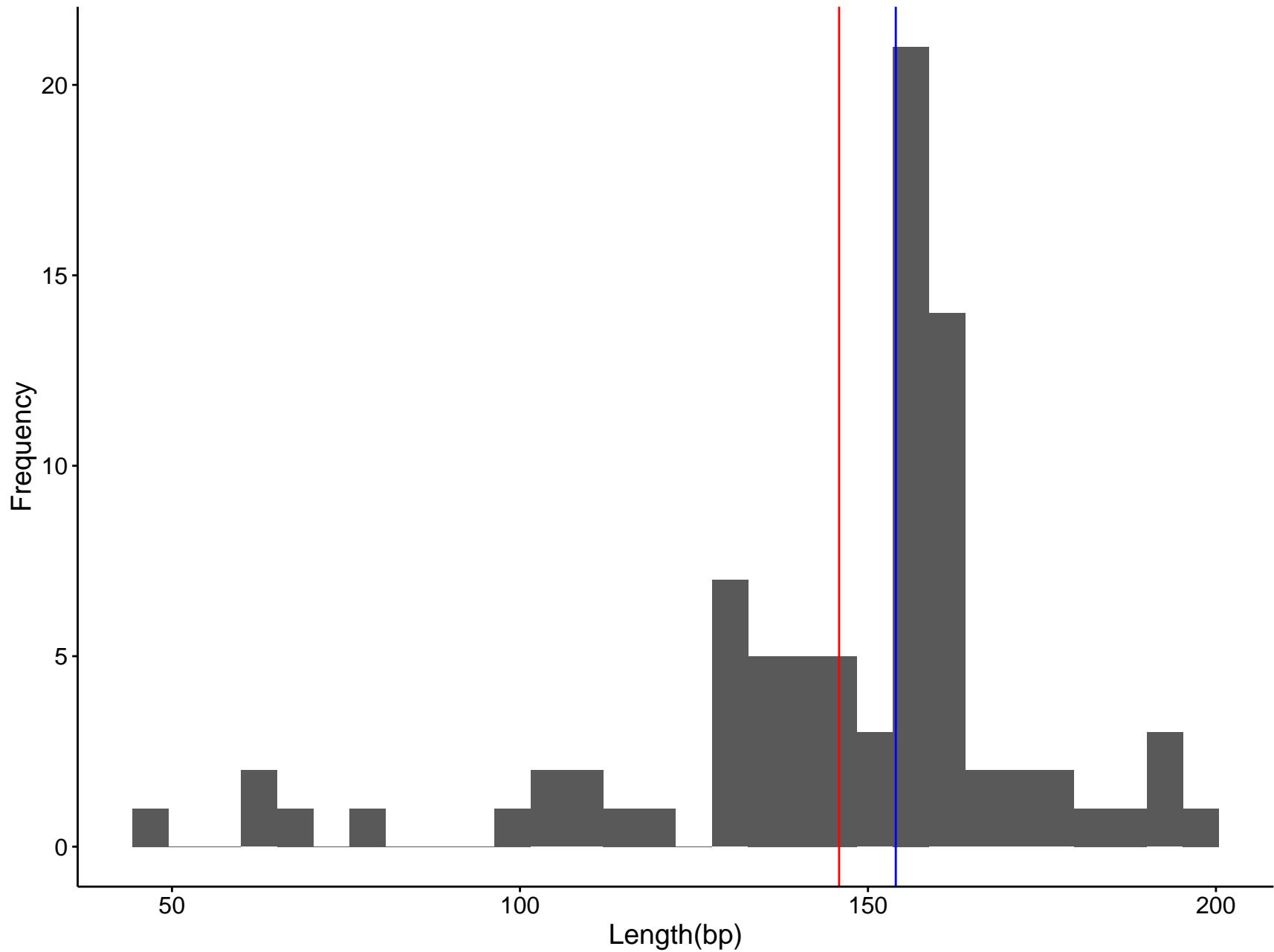
Cluster1196



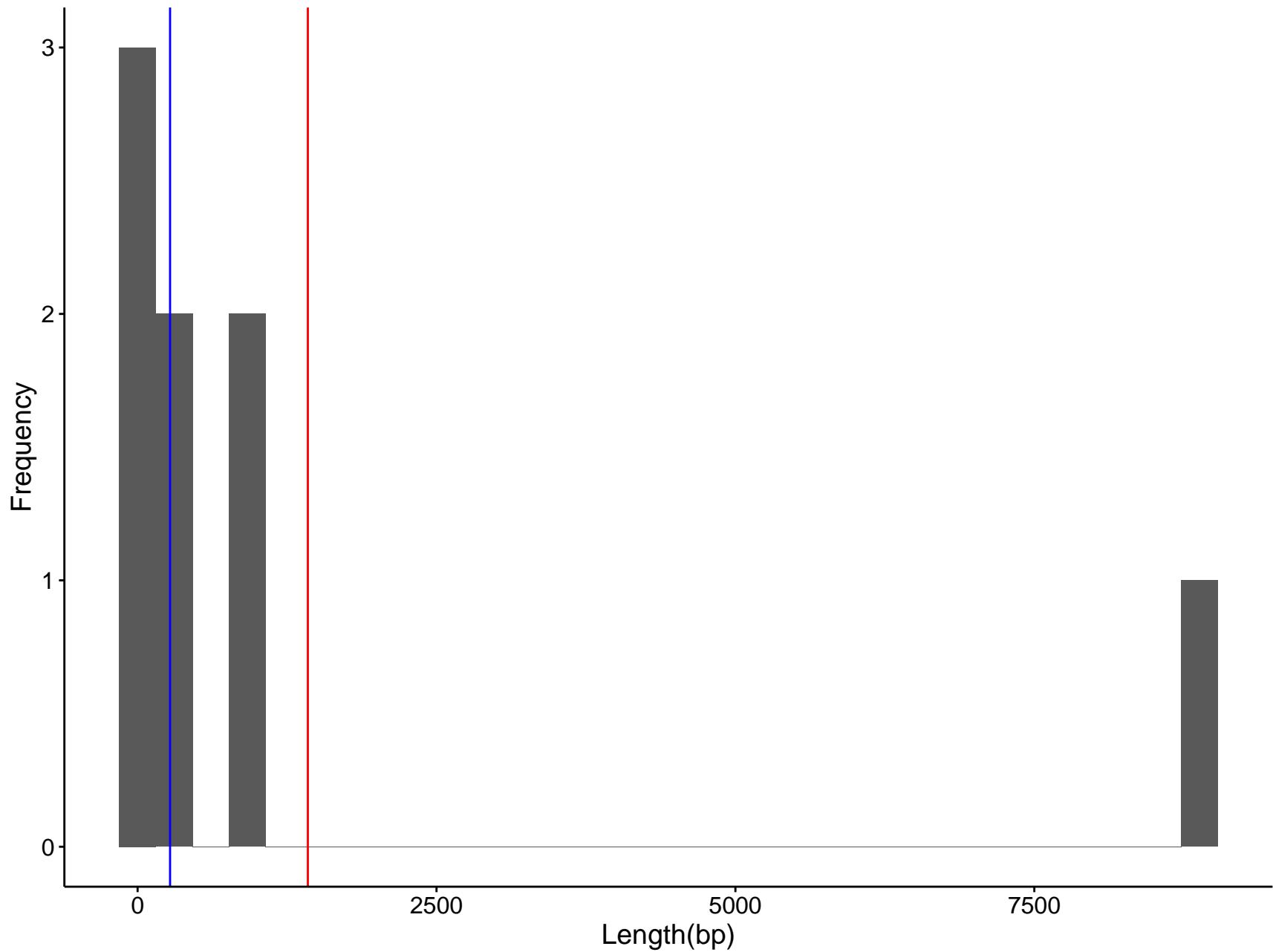
Cluster1197



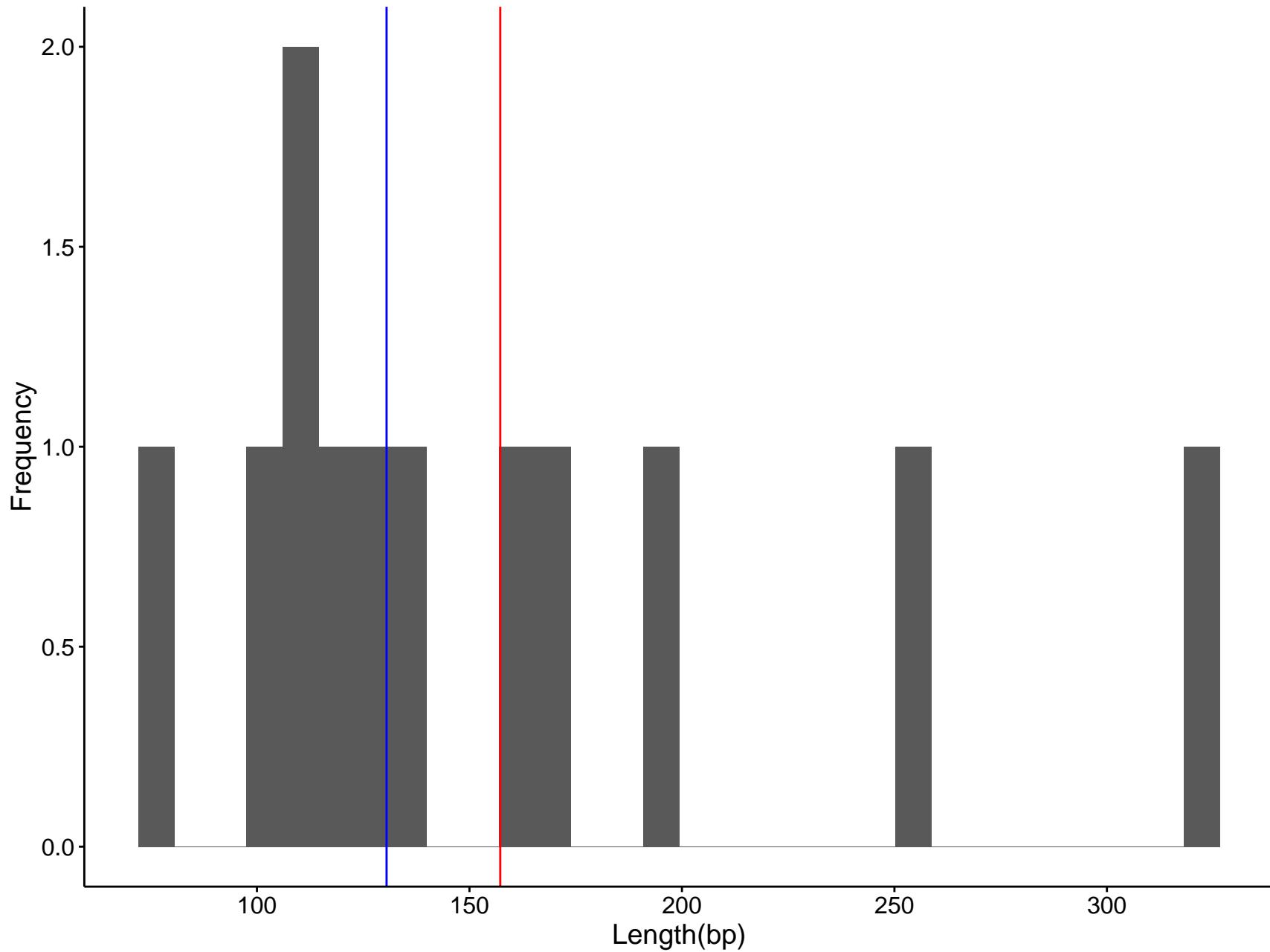
Cluster1198



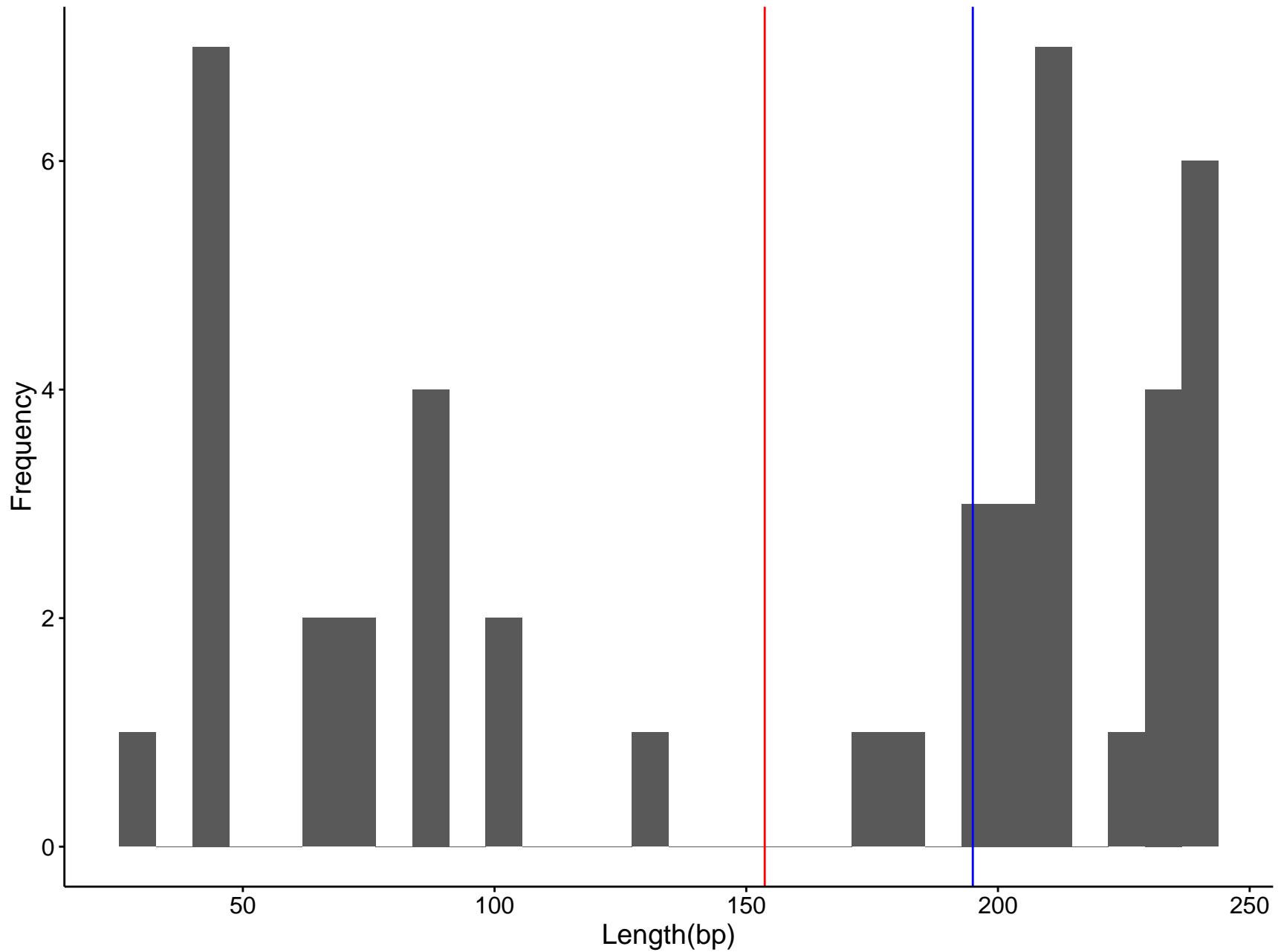
Cluster119



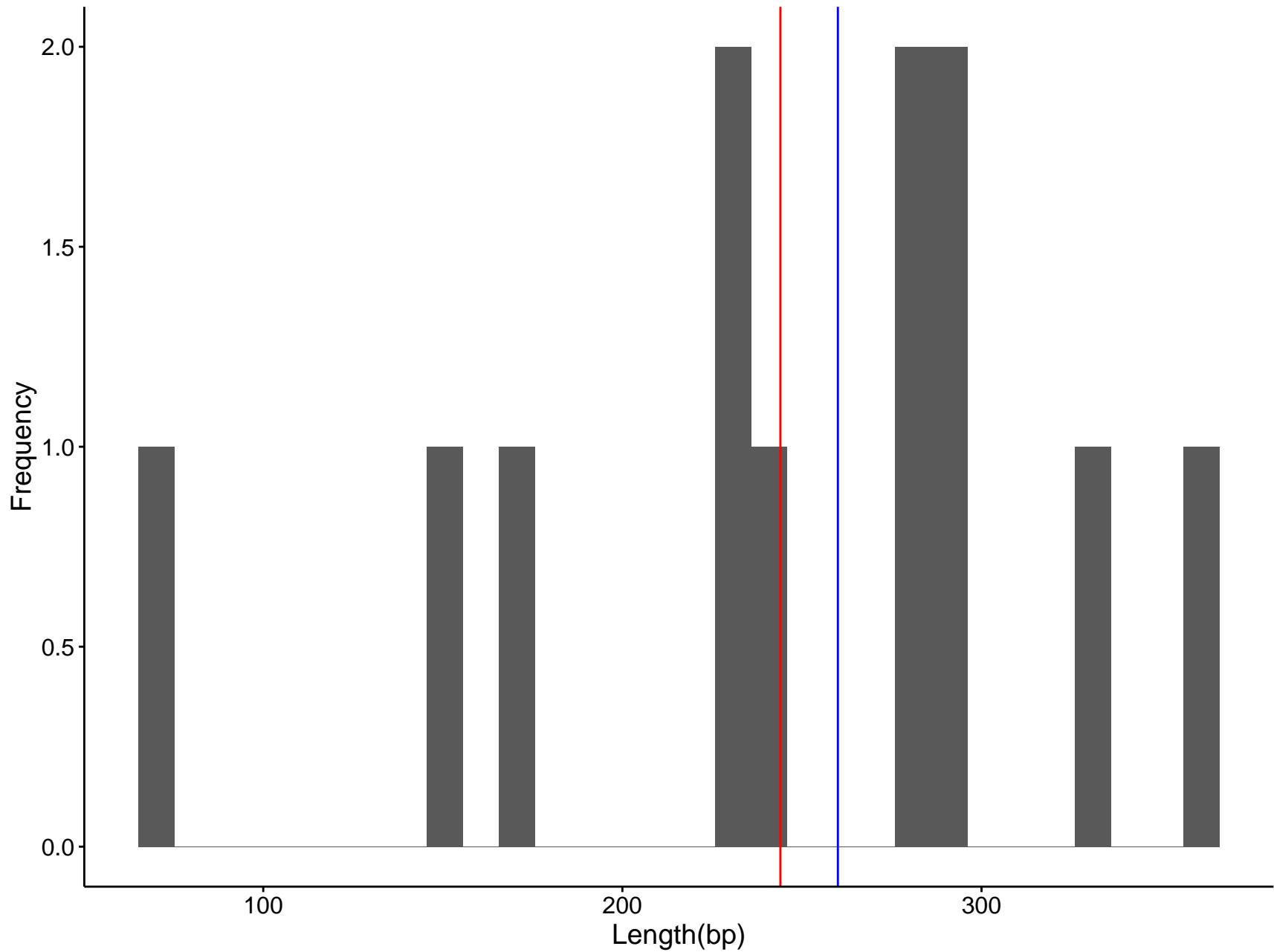
Cluster11



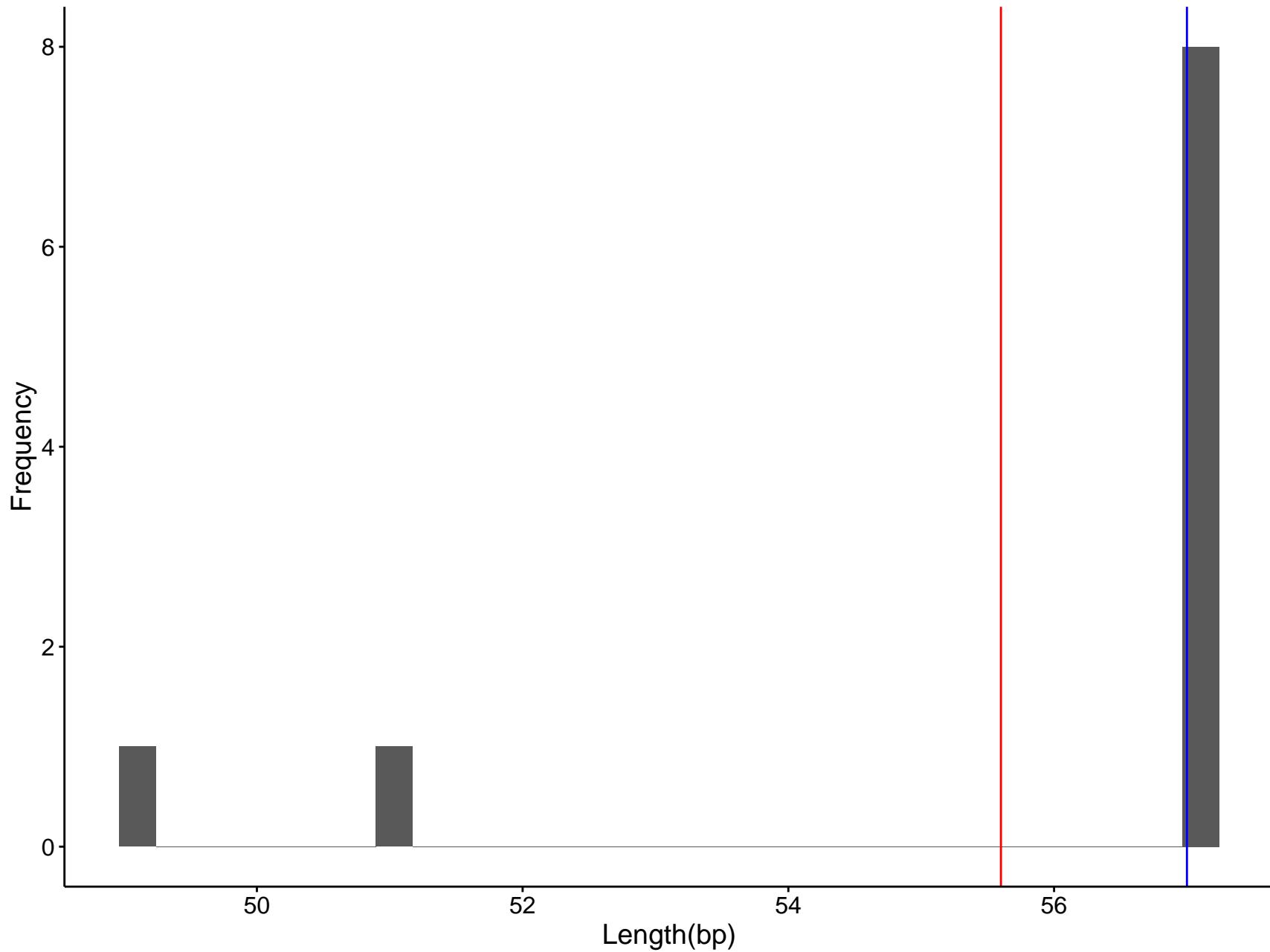
Cluster1201



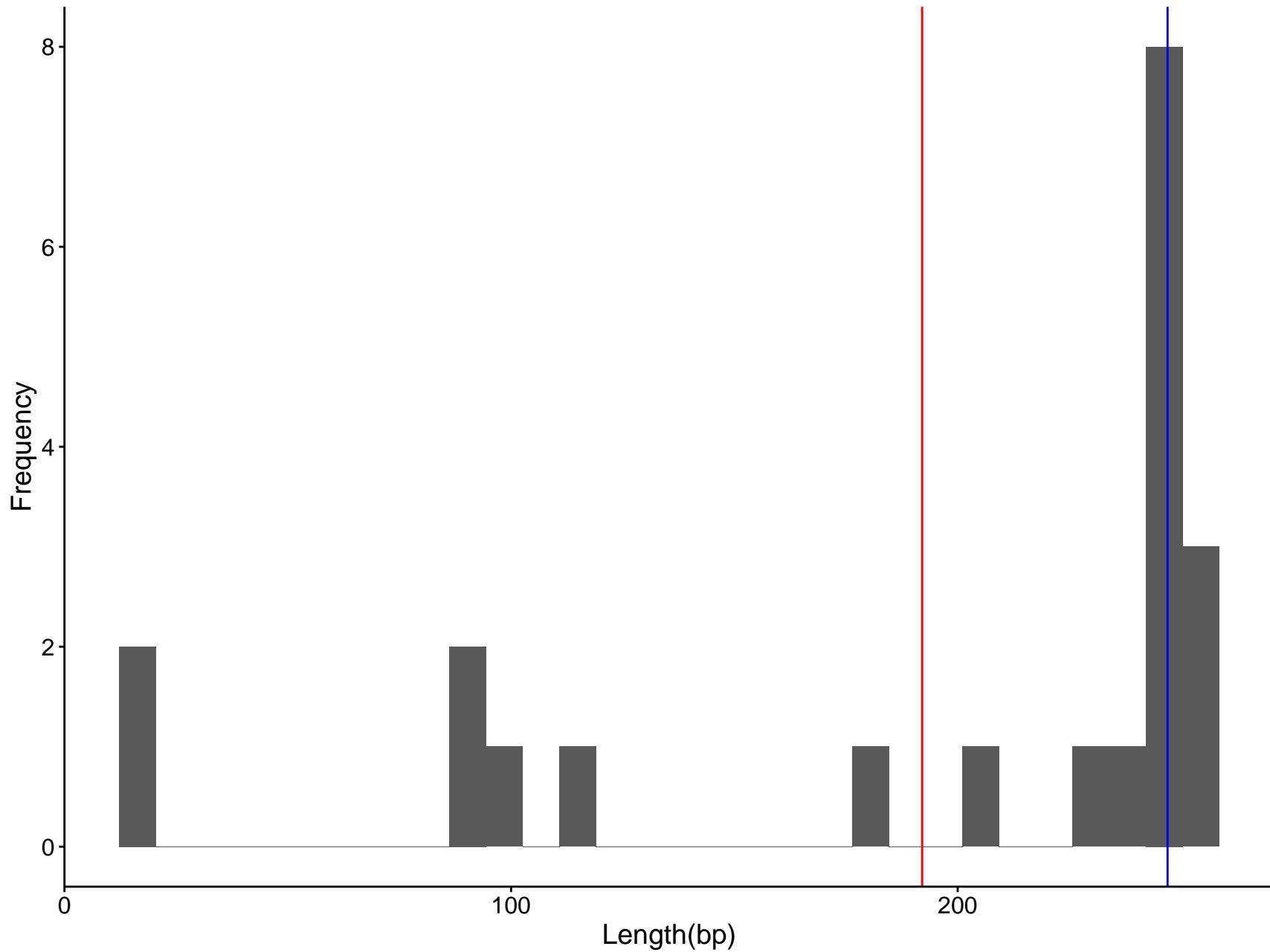
Cluster1204



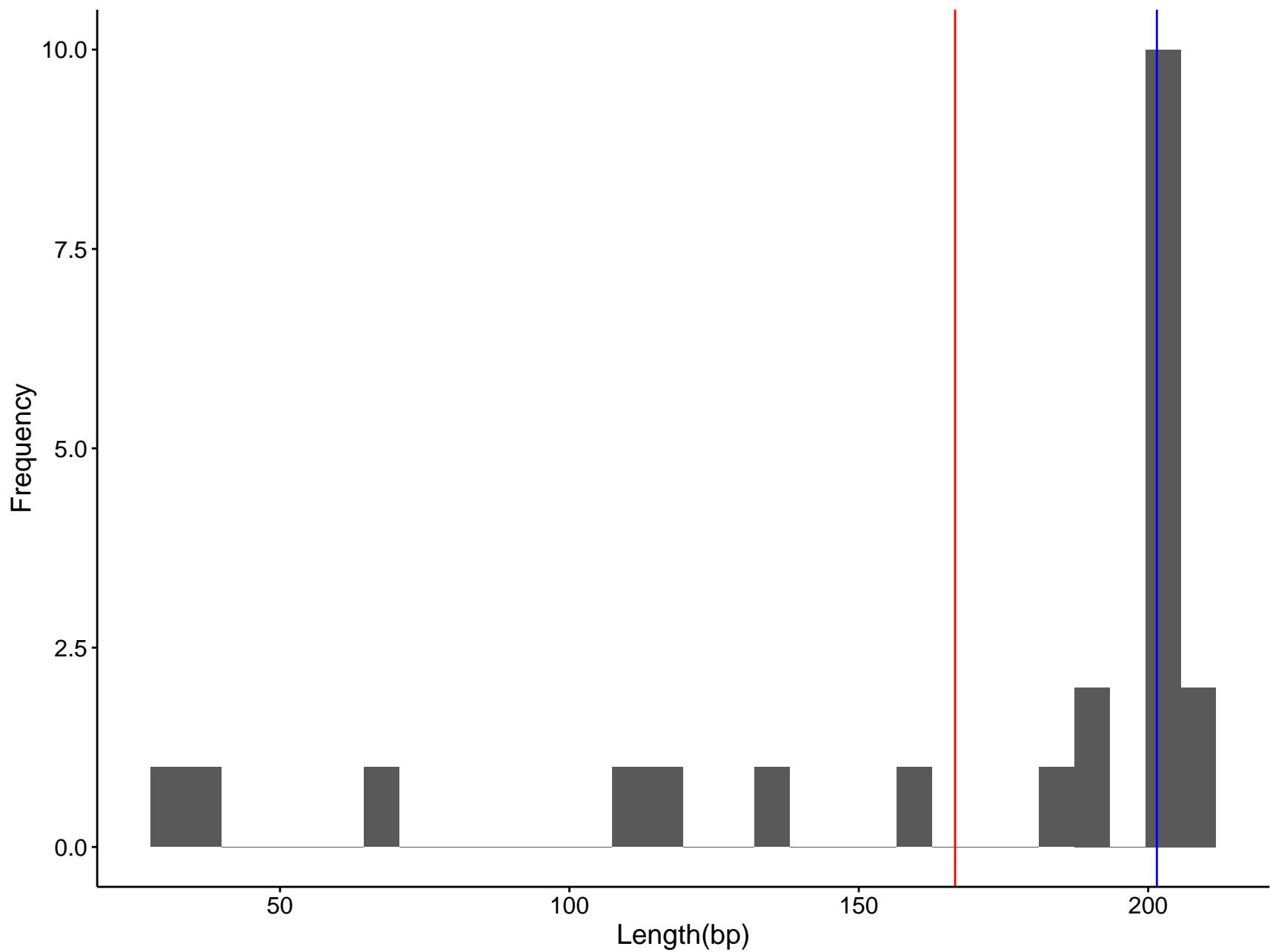
Cluster1205



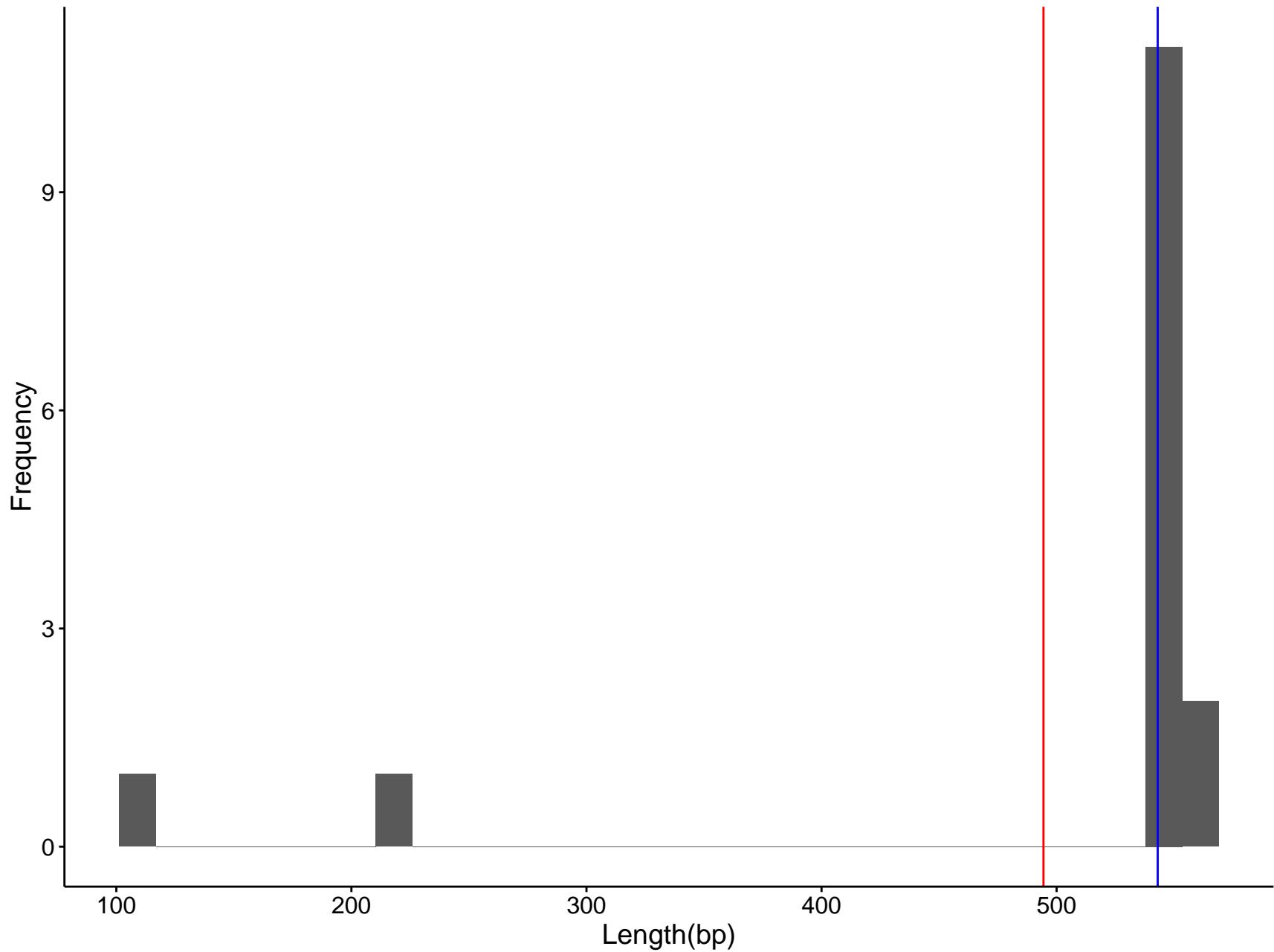
Cluster1206



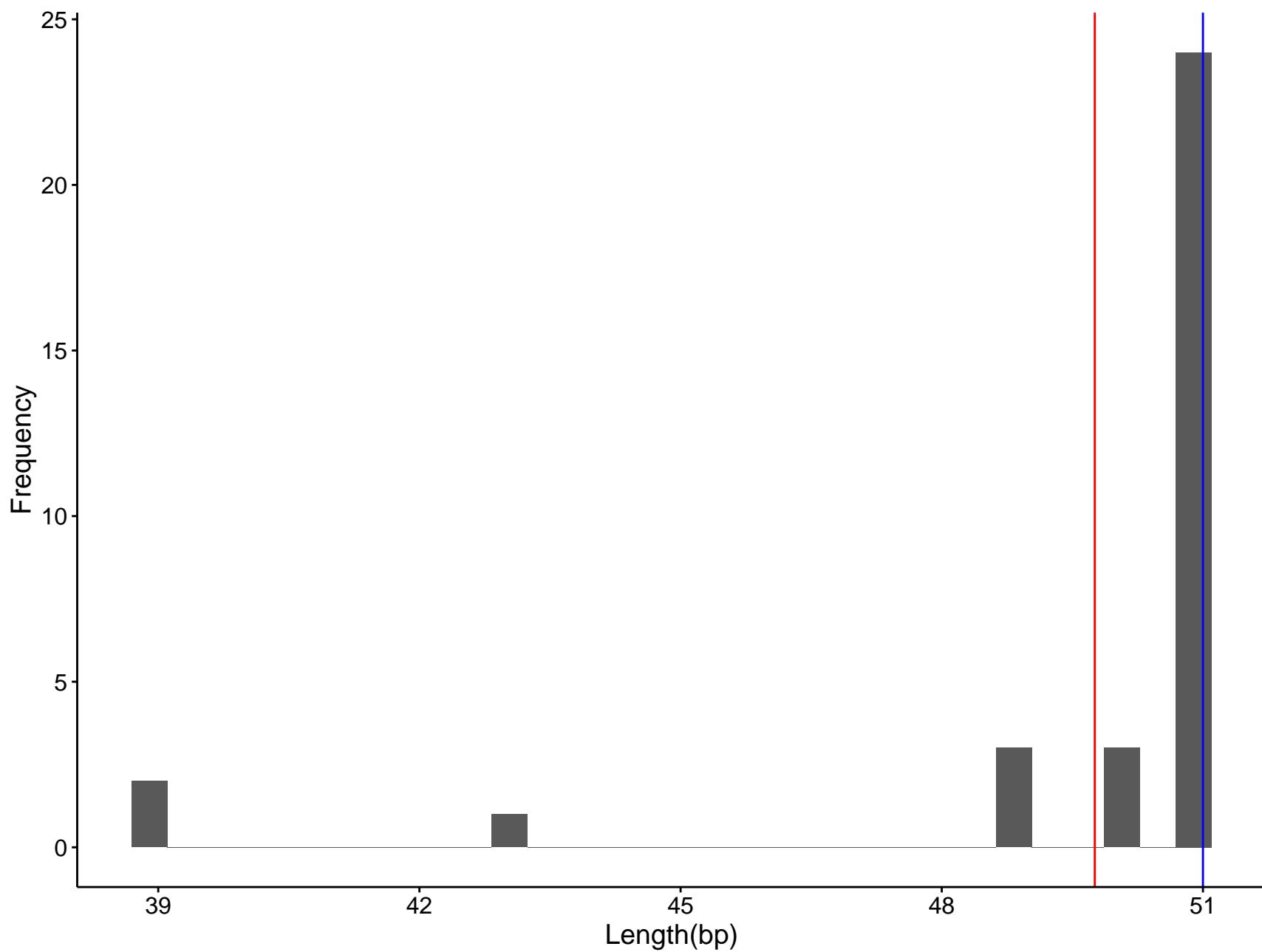
Cluster1207



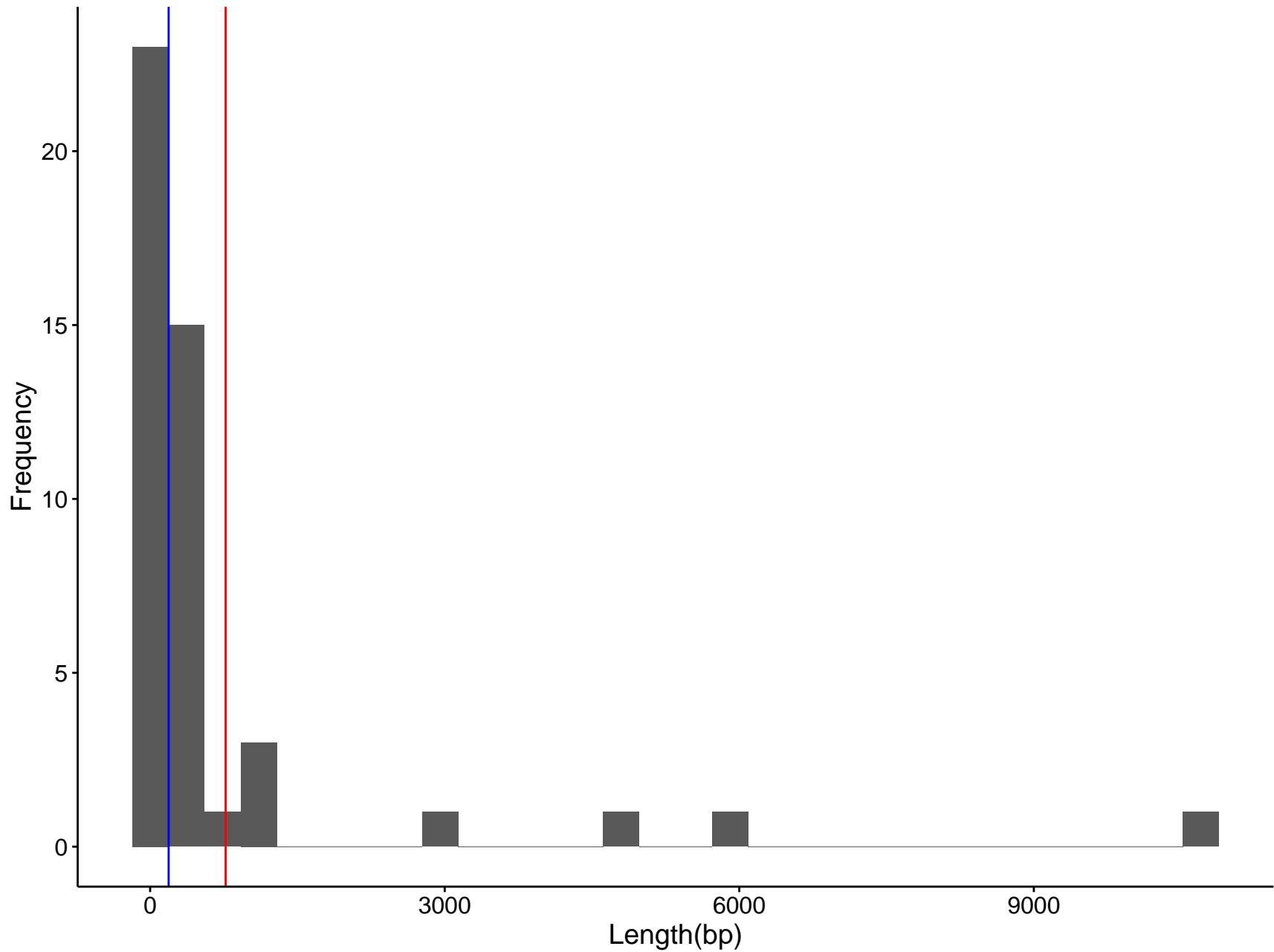
Cluster1208



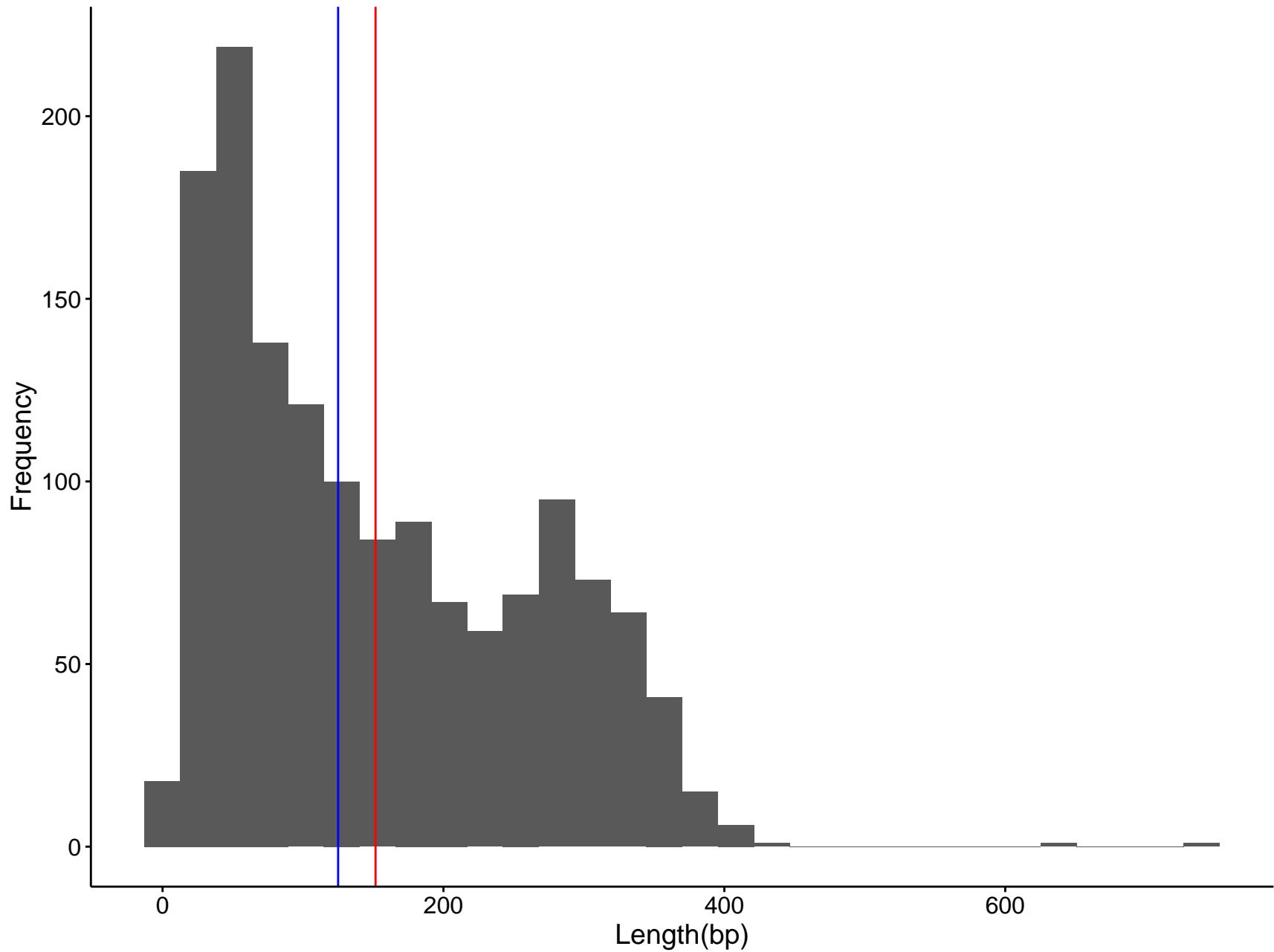
Cluster1209



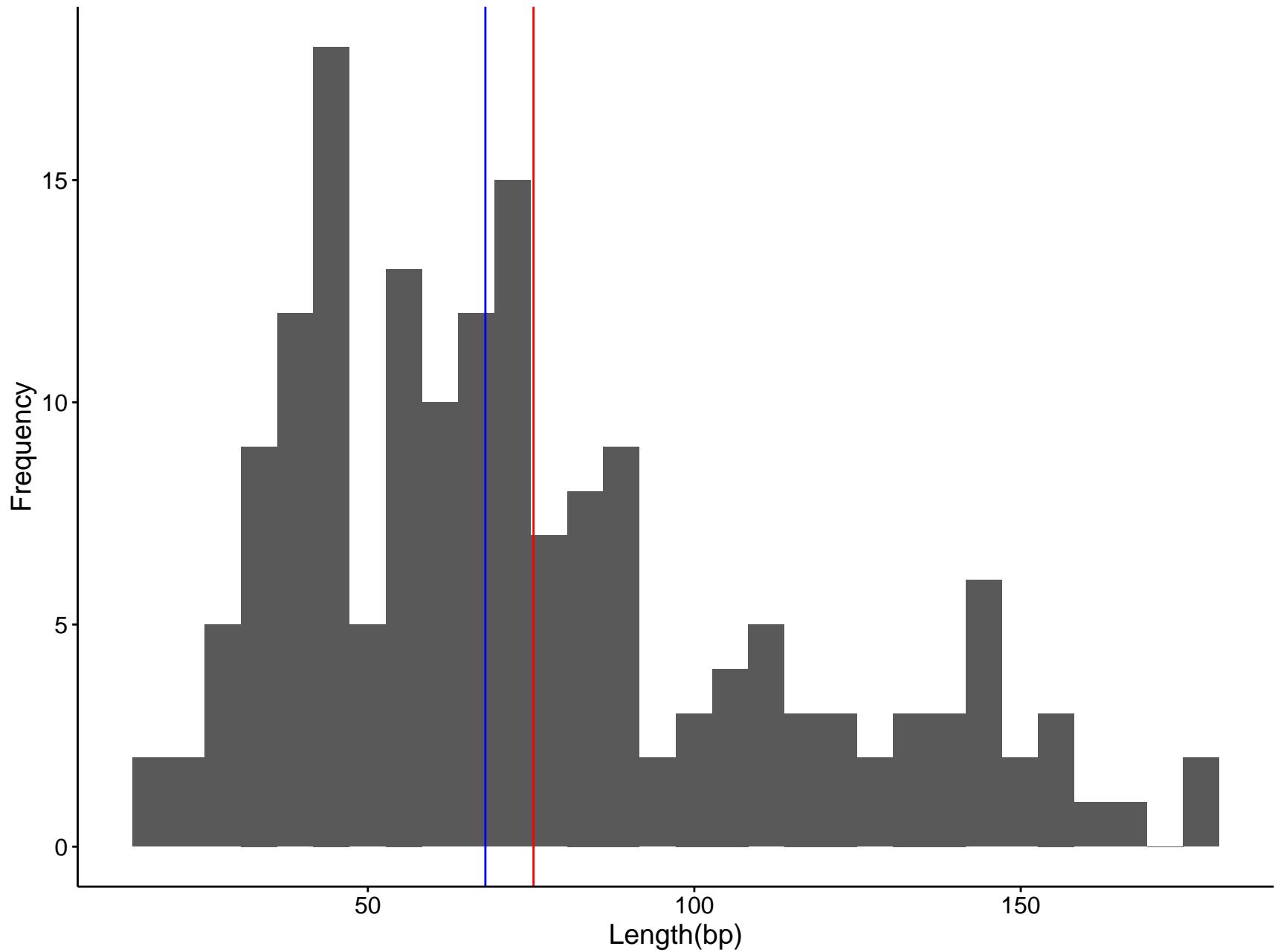
Cluster120



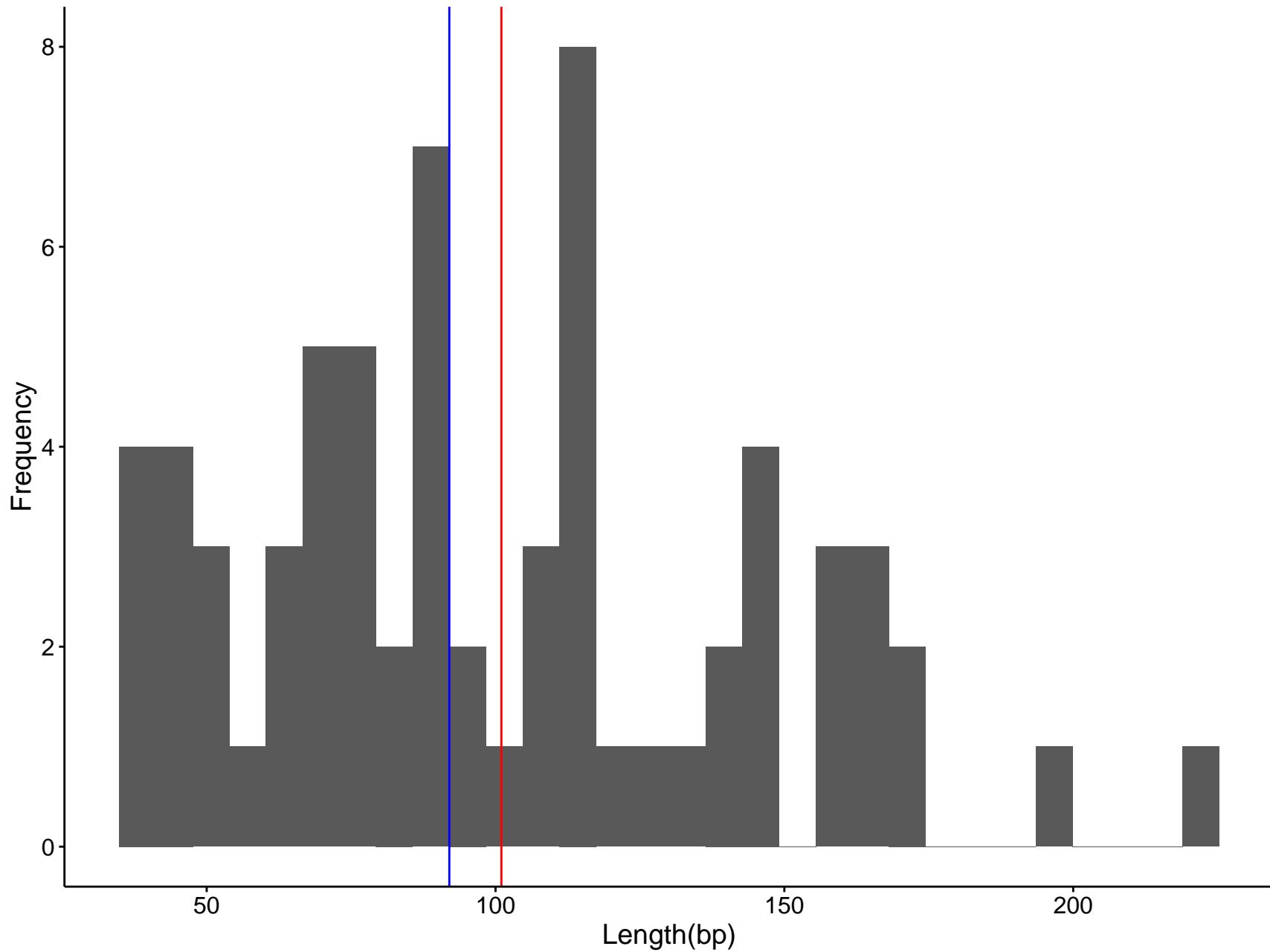
Cluster1212



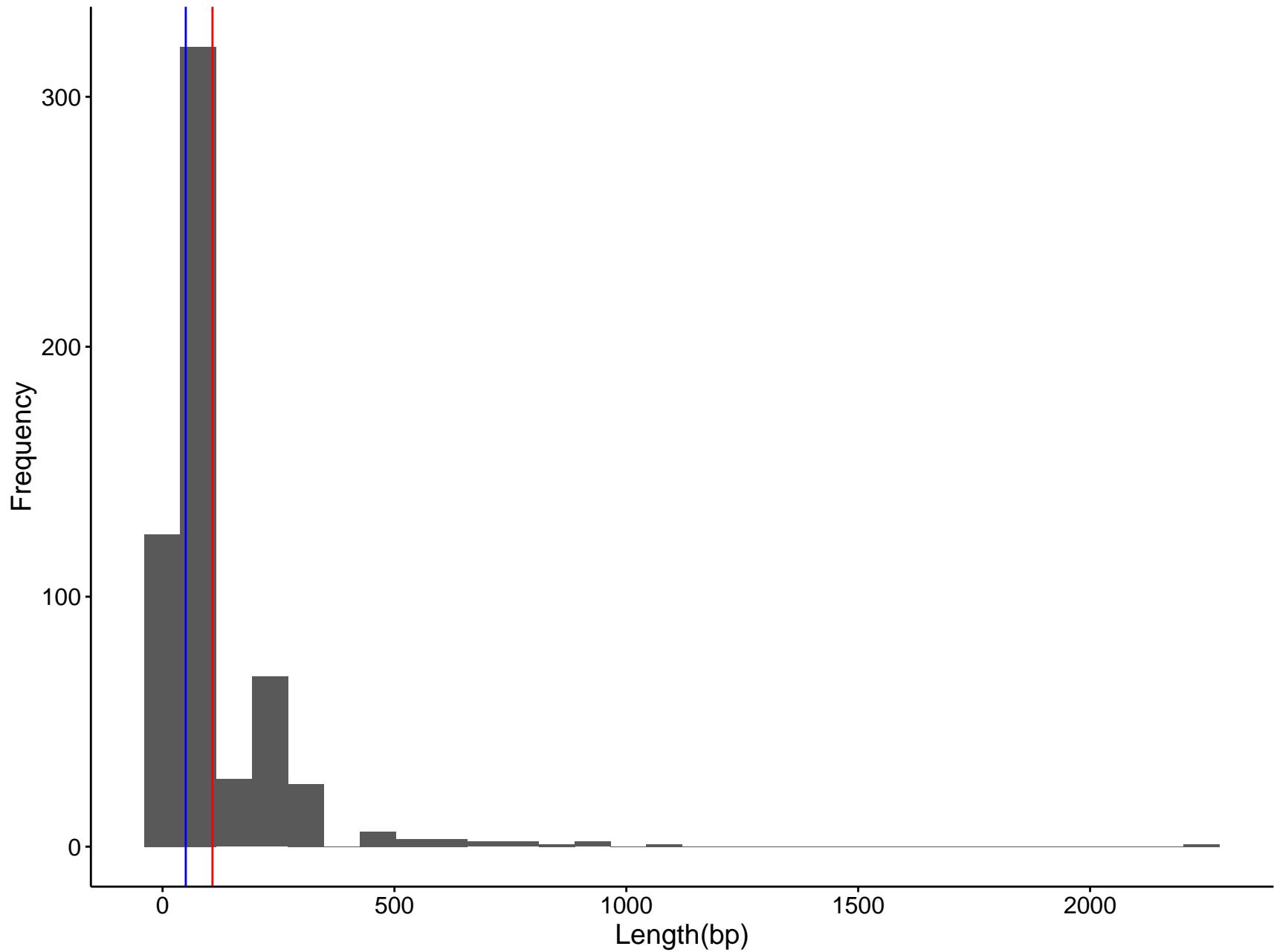
Cluster1214



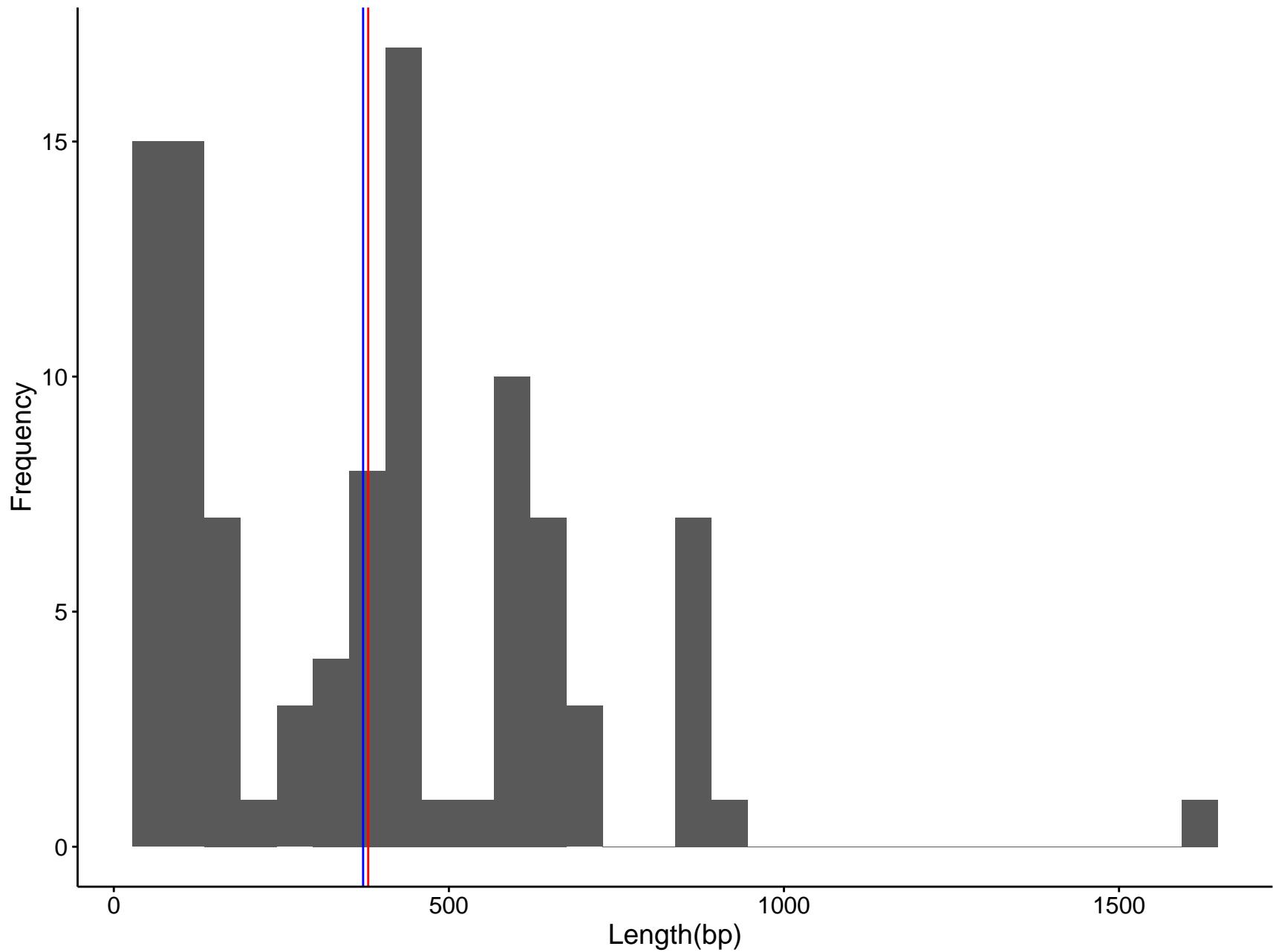
Cluster1217



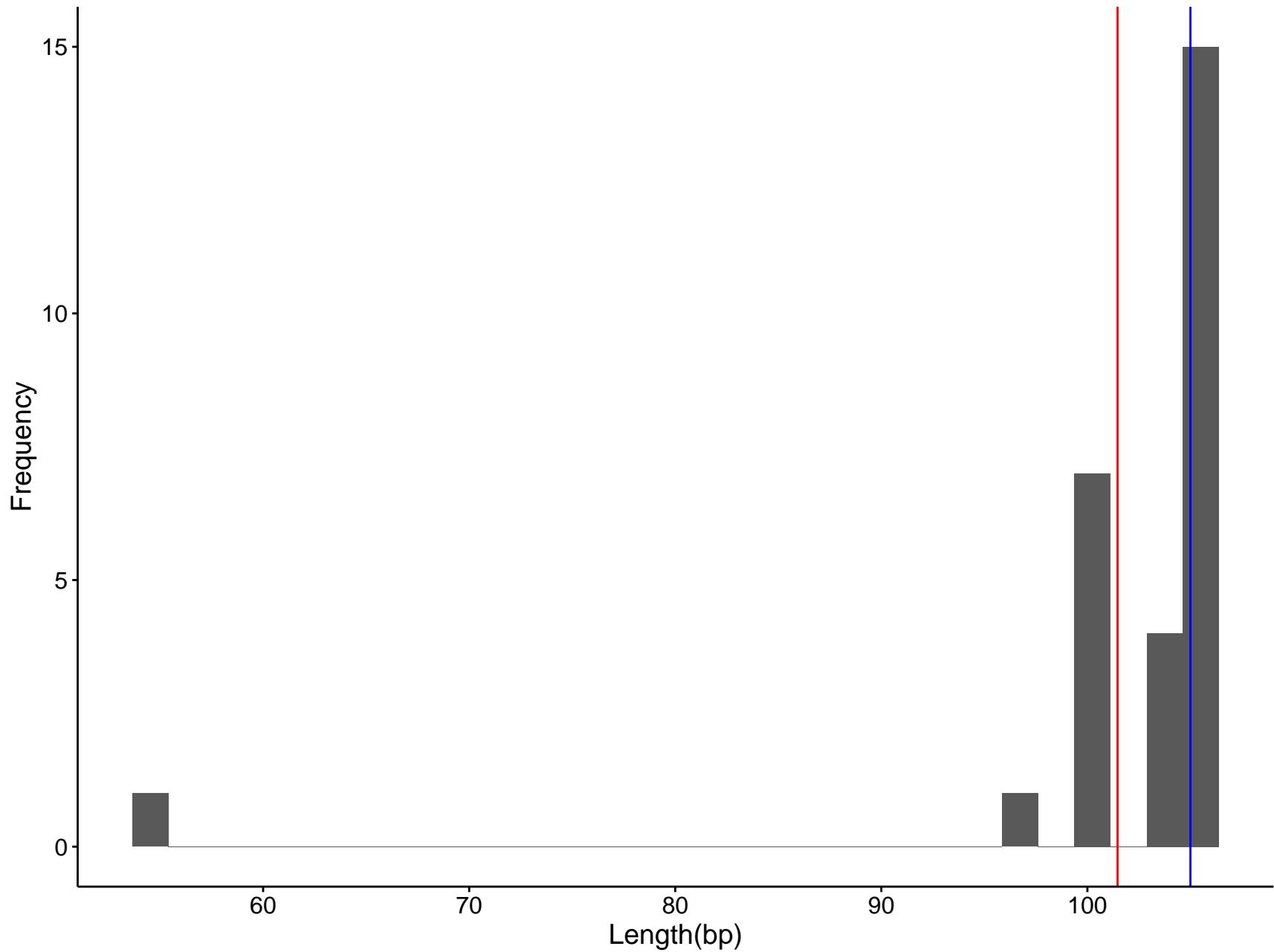
Cluster1219



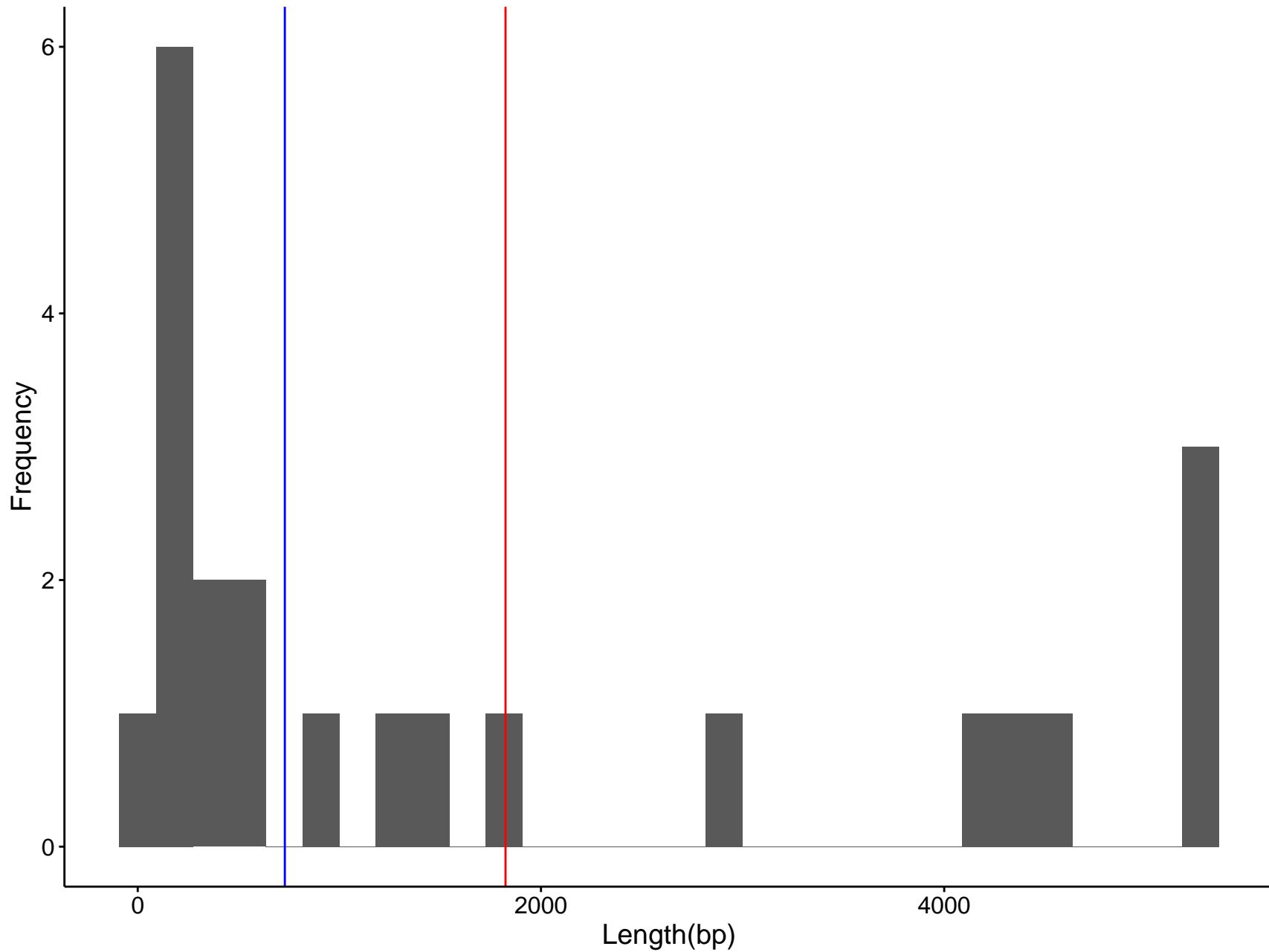
Cluster1220



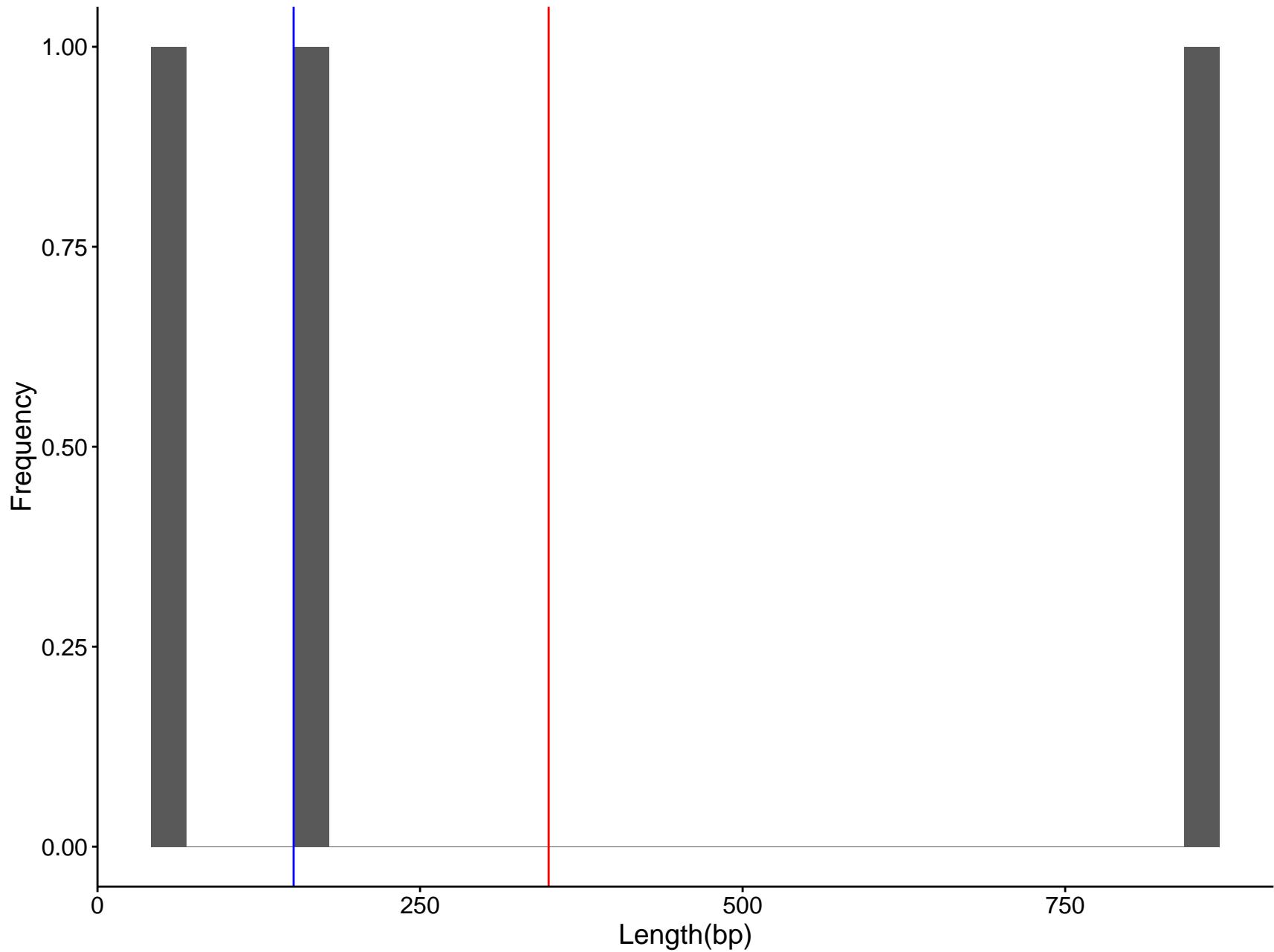
Cluster1223



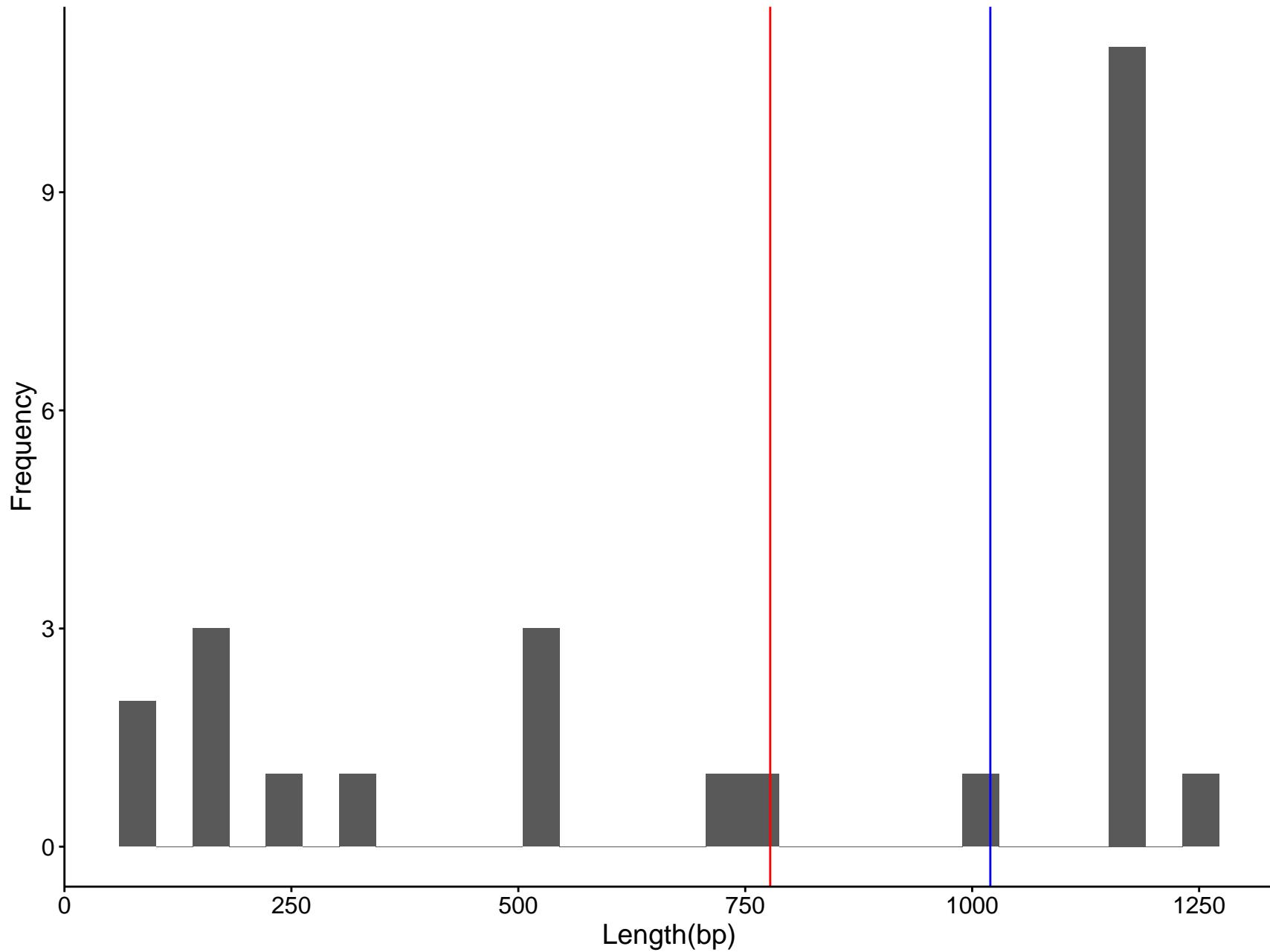
Cluster1224



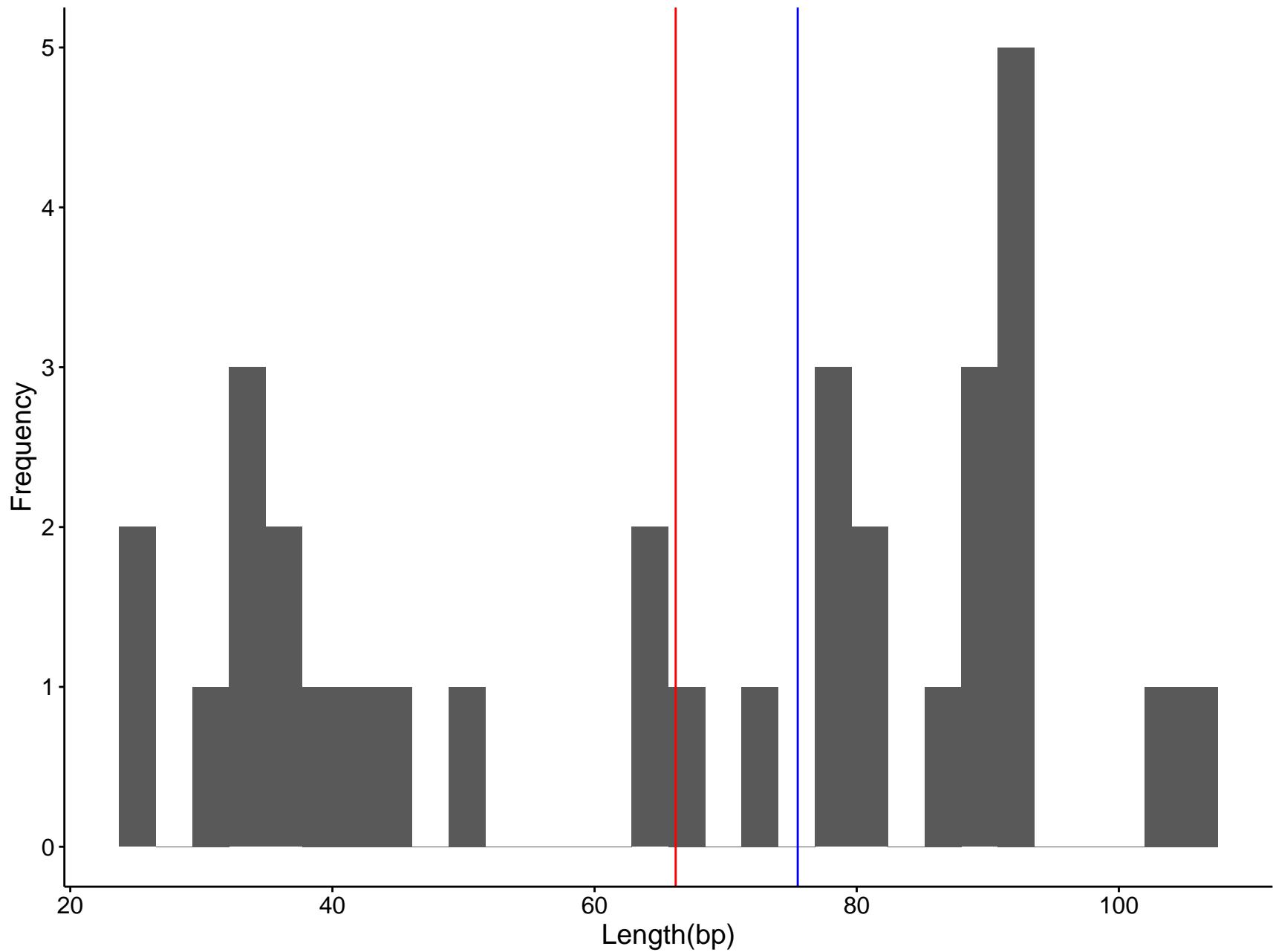
Cluster1225



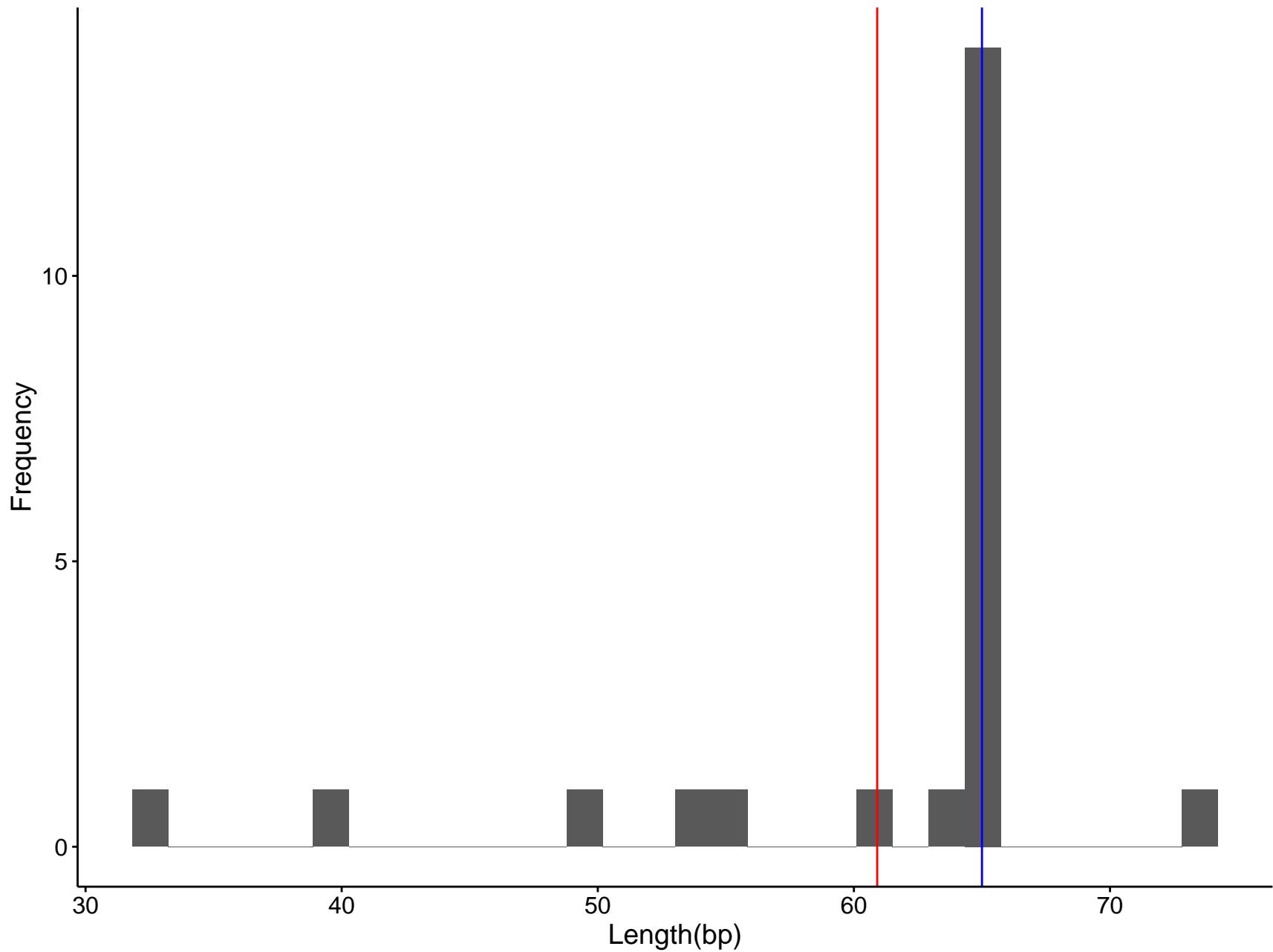
Cluster1226



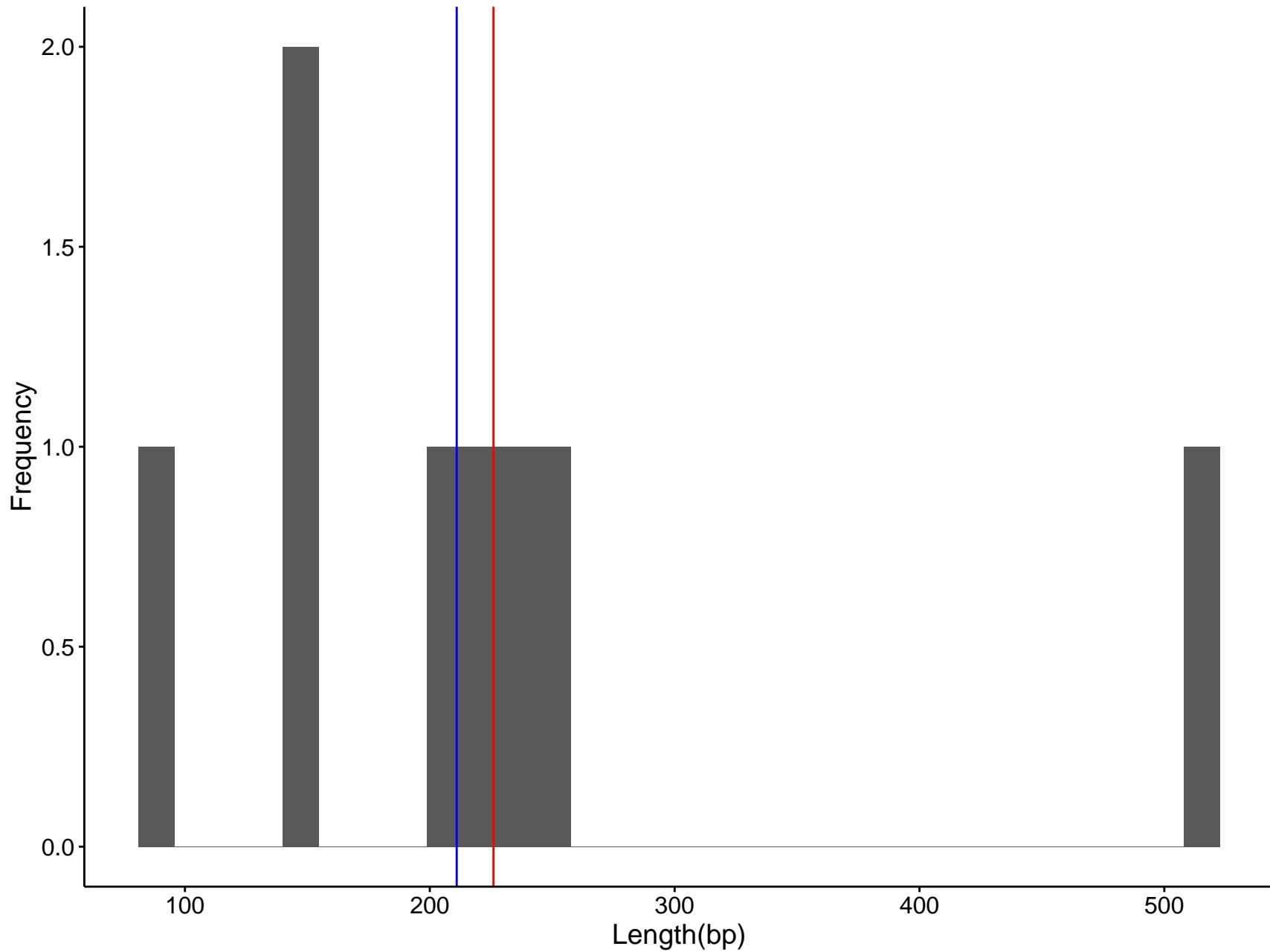
Cluster1227



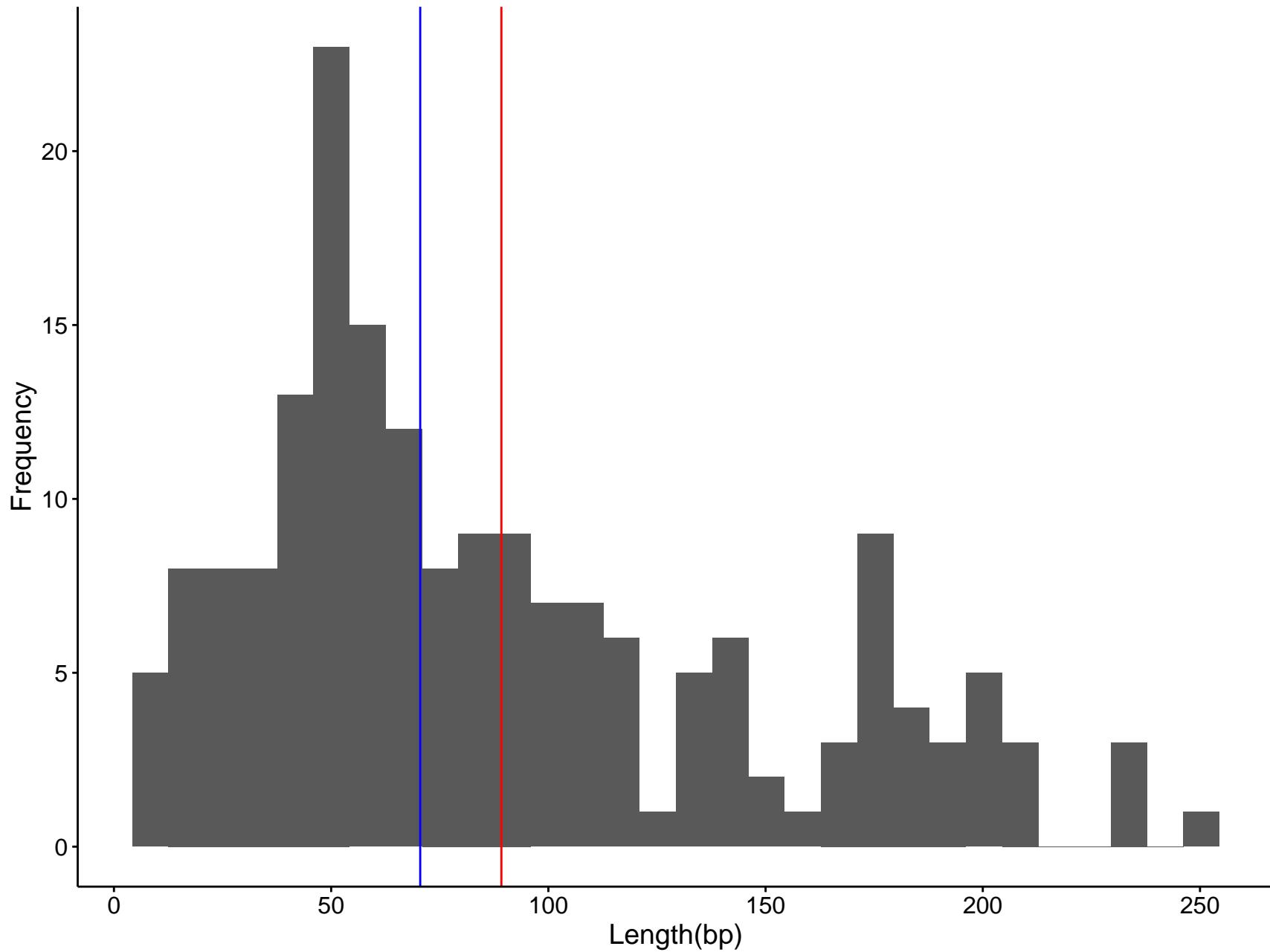
Cluster1229



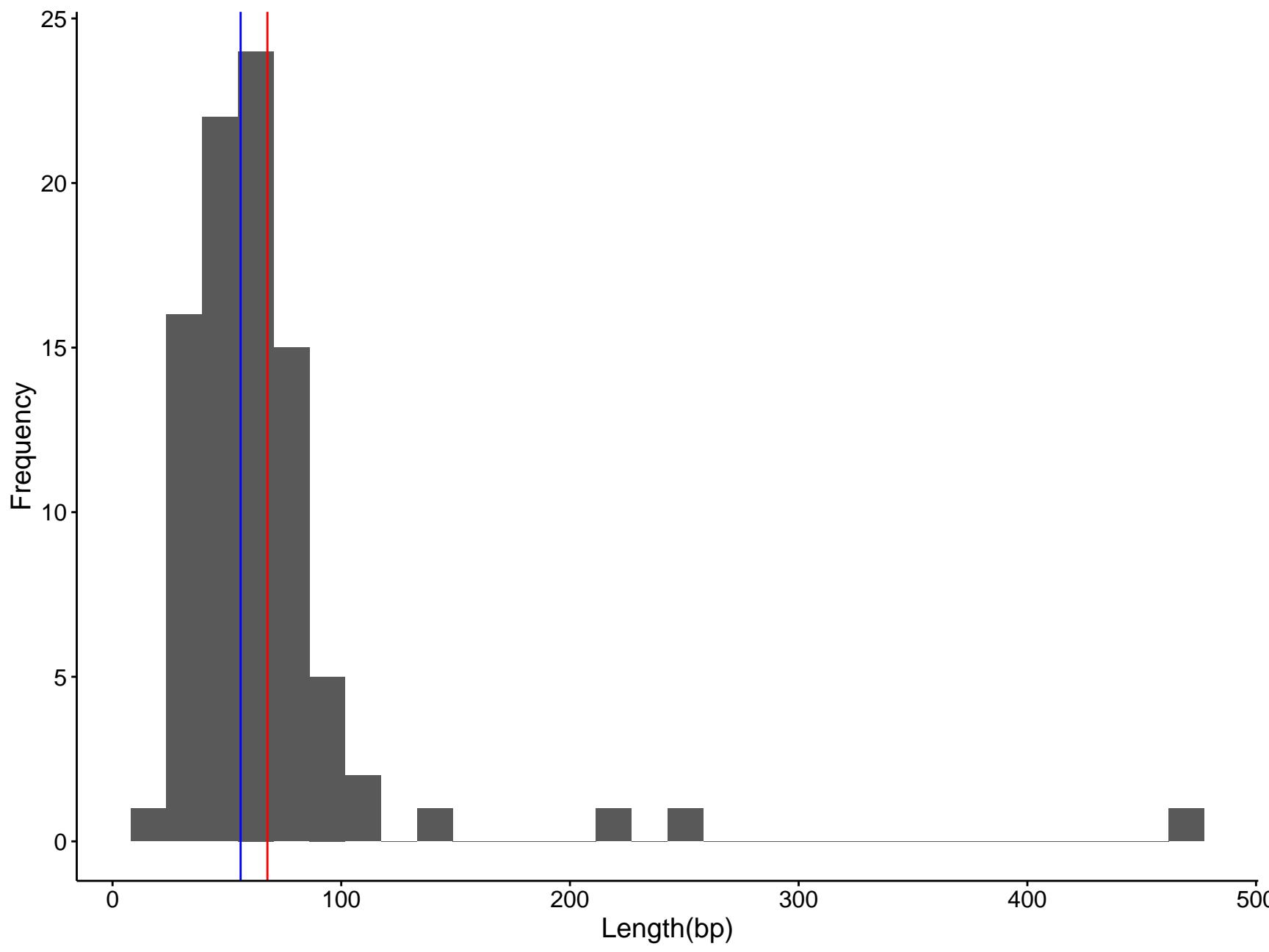
Cluster122



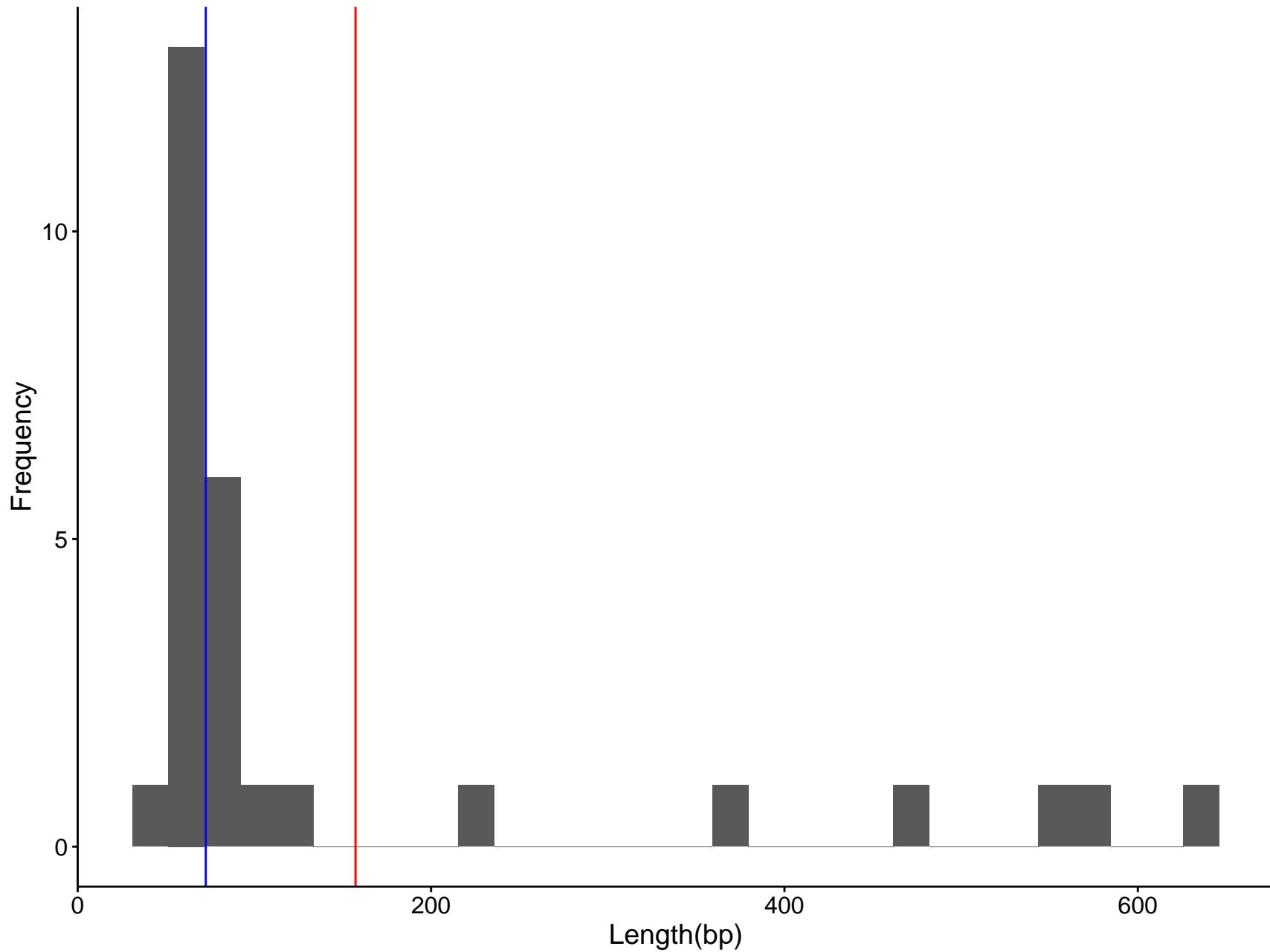
Cluster1230



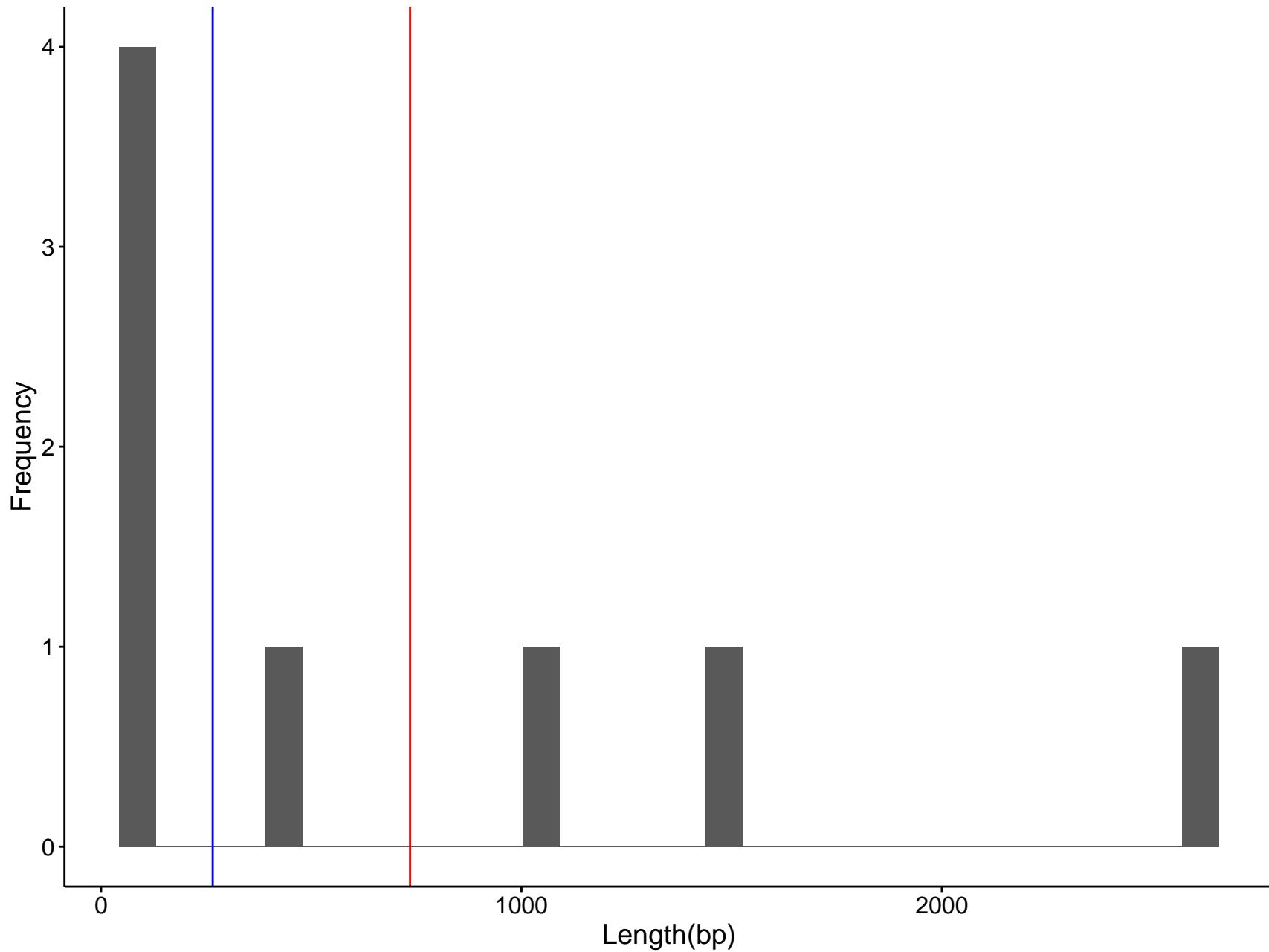
Cluster1231



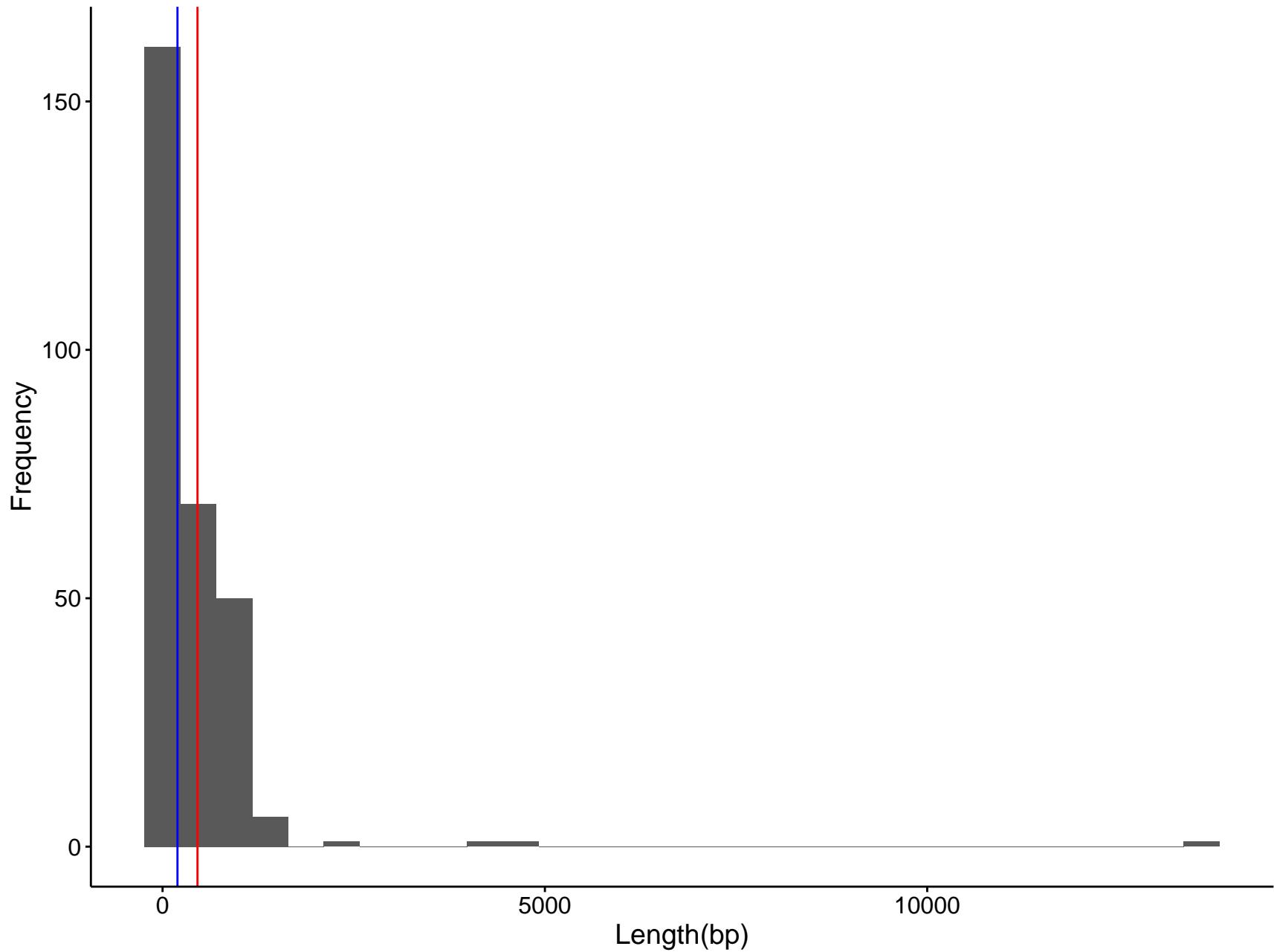
Cluster1232



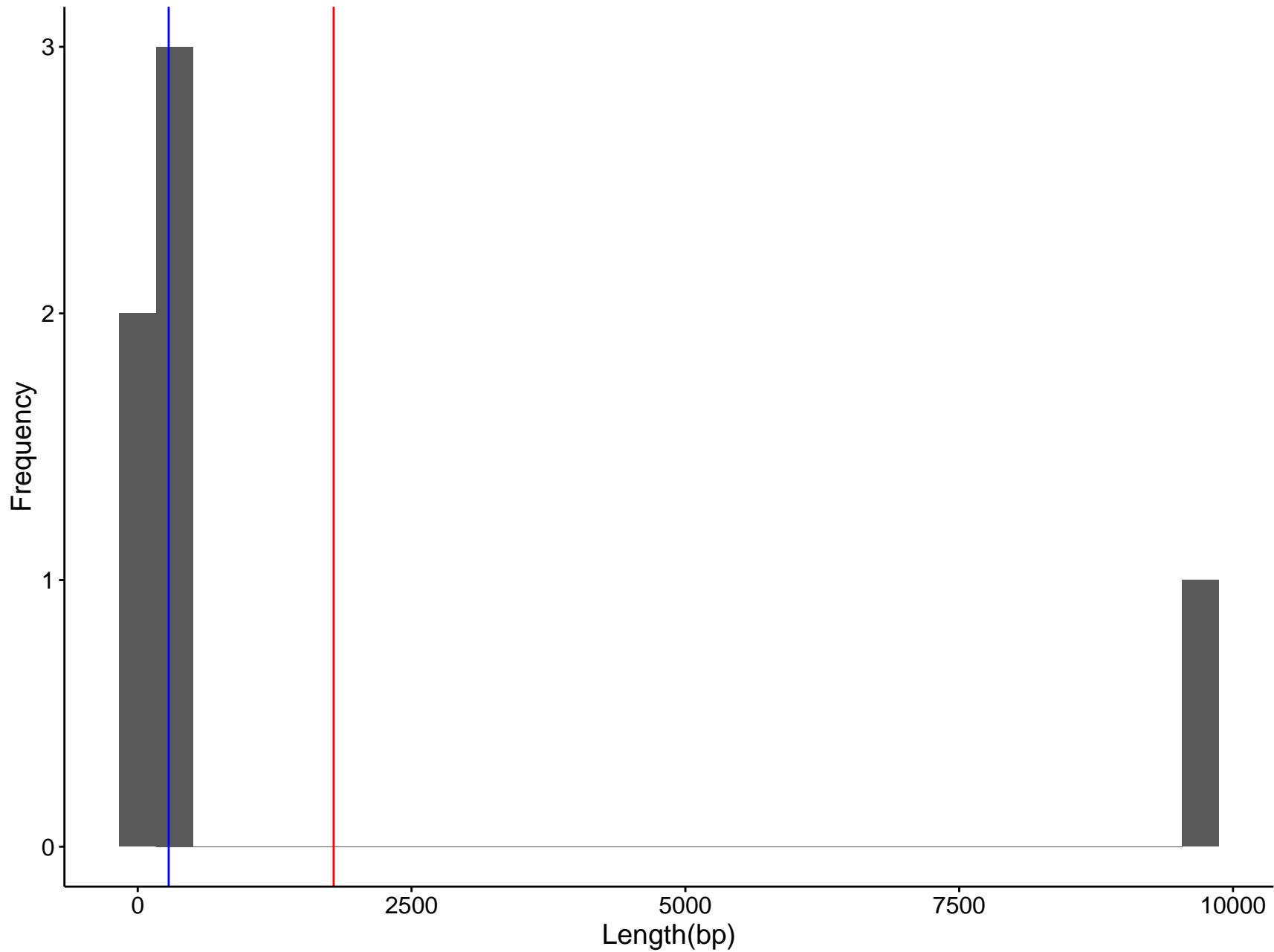
Cluster1233



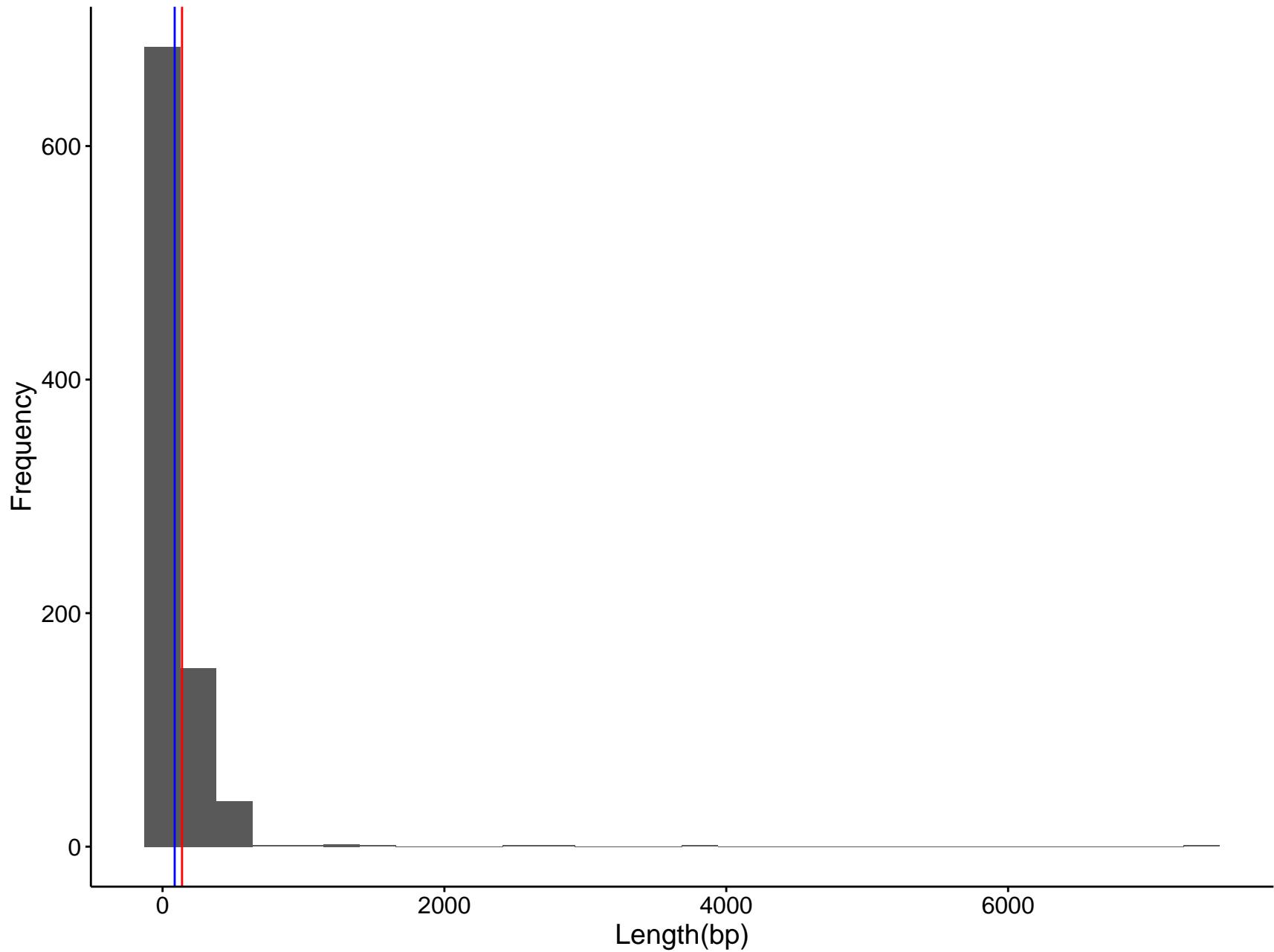
Cluster1234



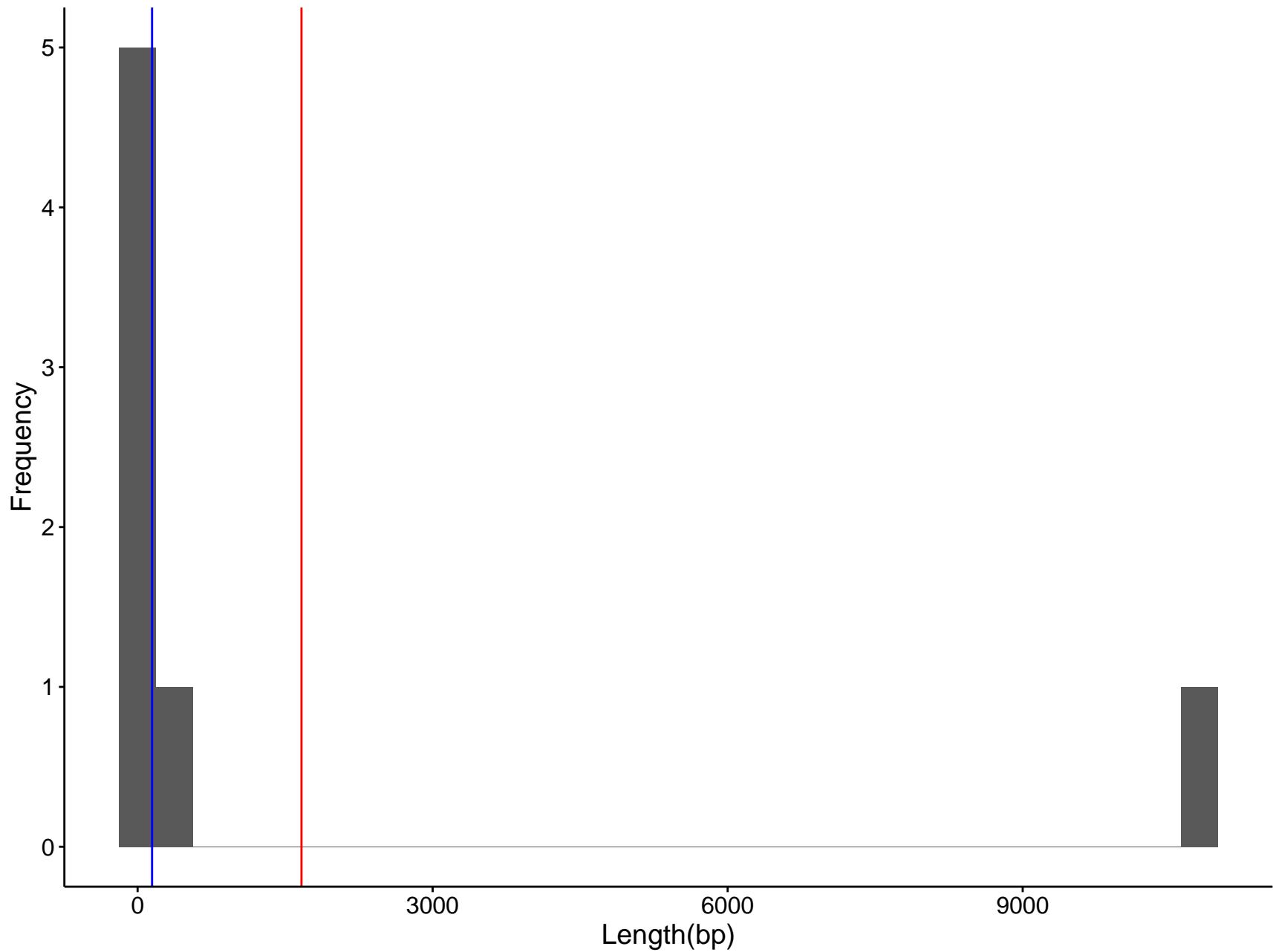
Cluster1235



Cluster1236



Cluster1237



Cluster123

Frequency

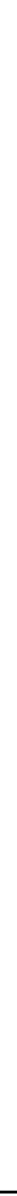
456.950

456.975

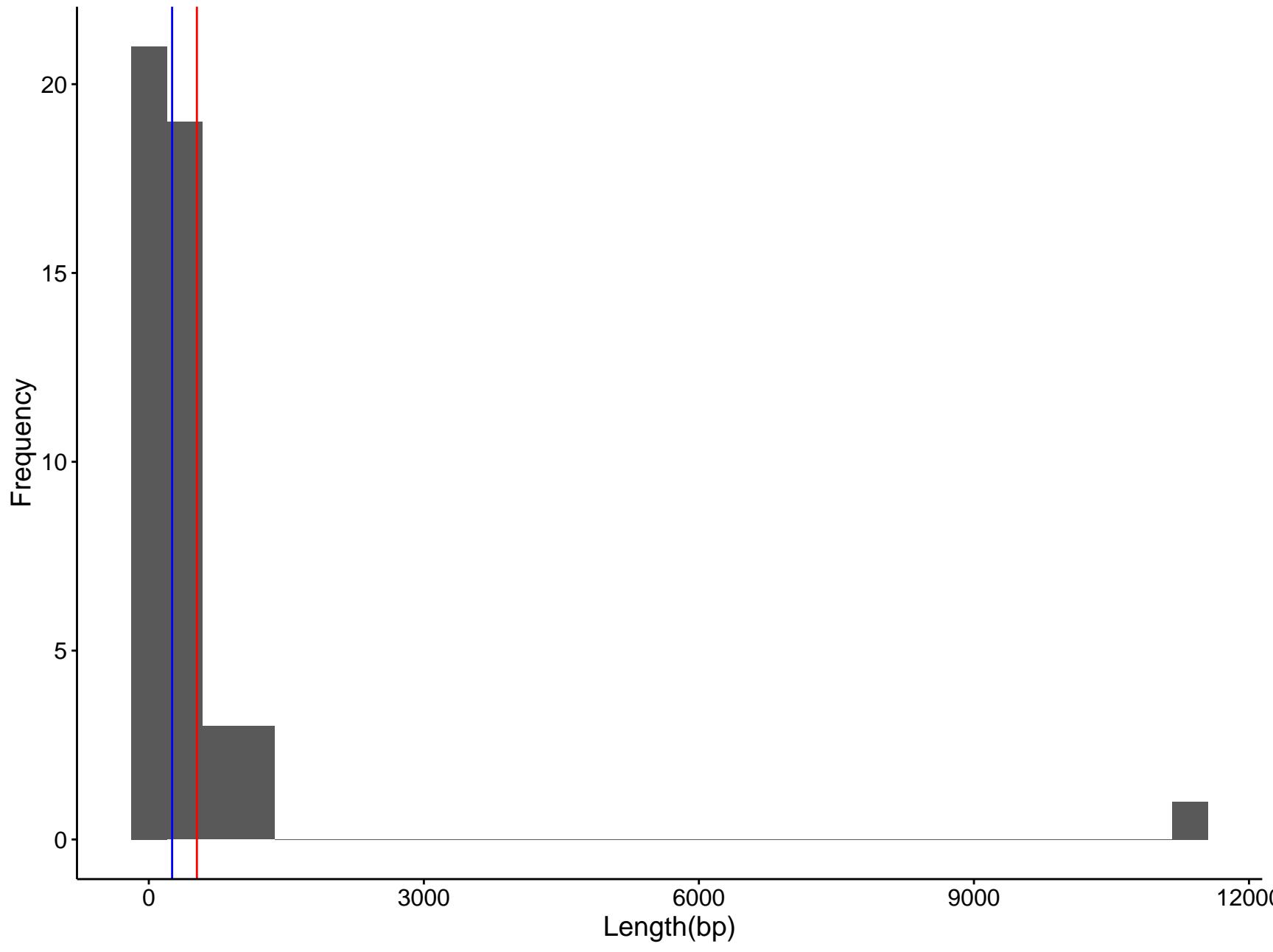
457.000

457.025

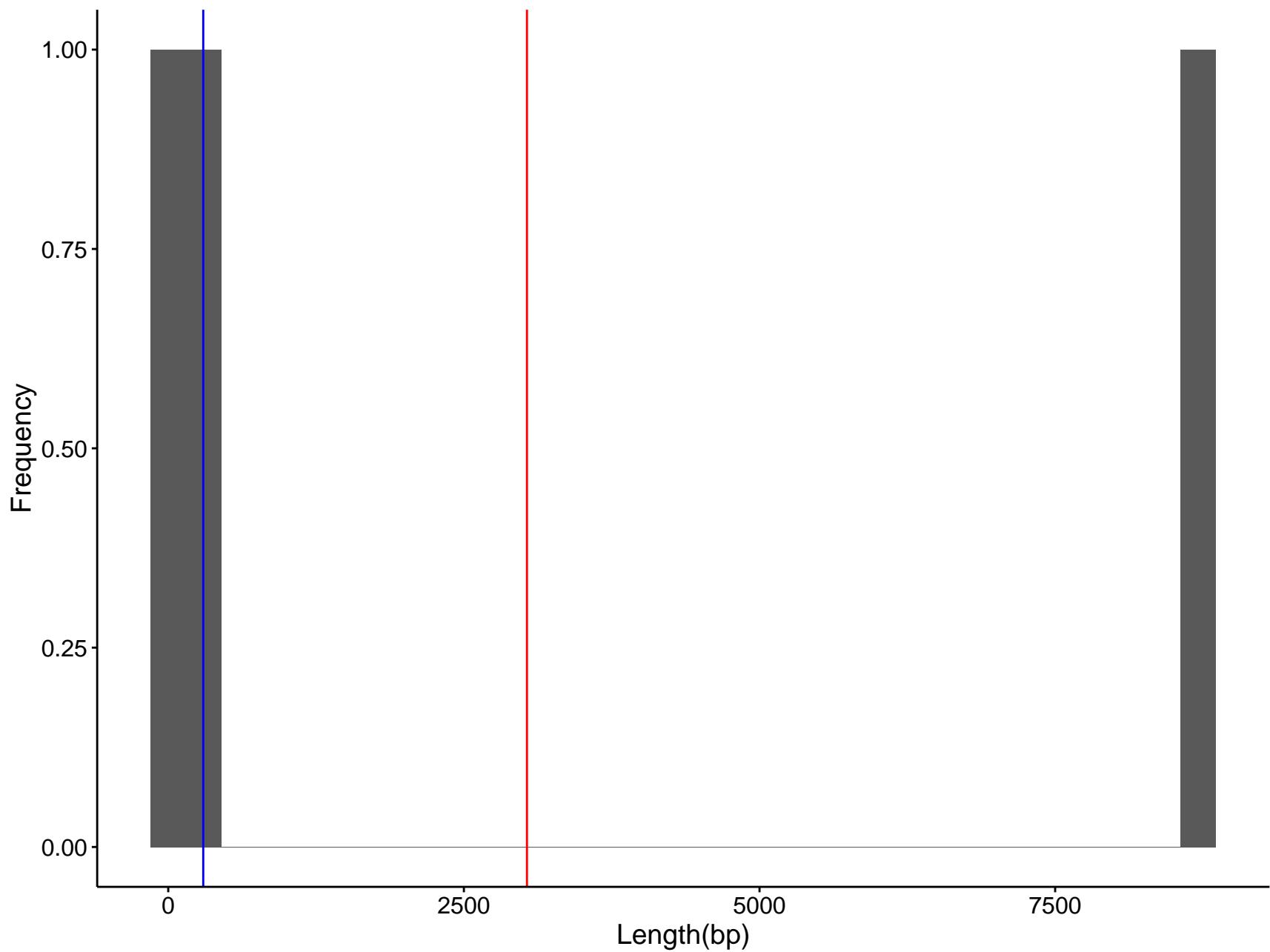
Length(bp)



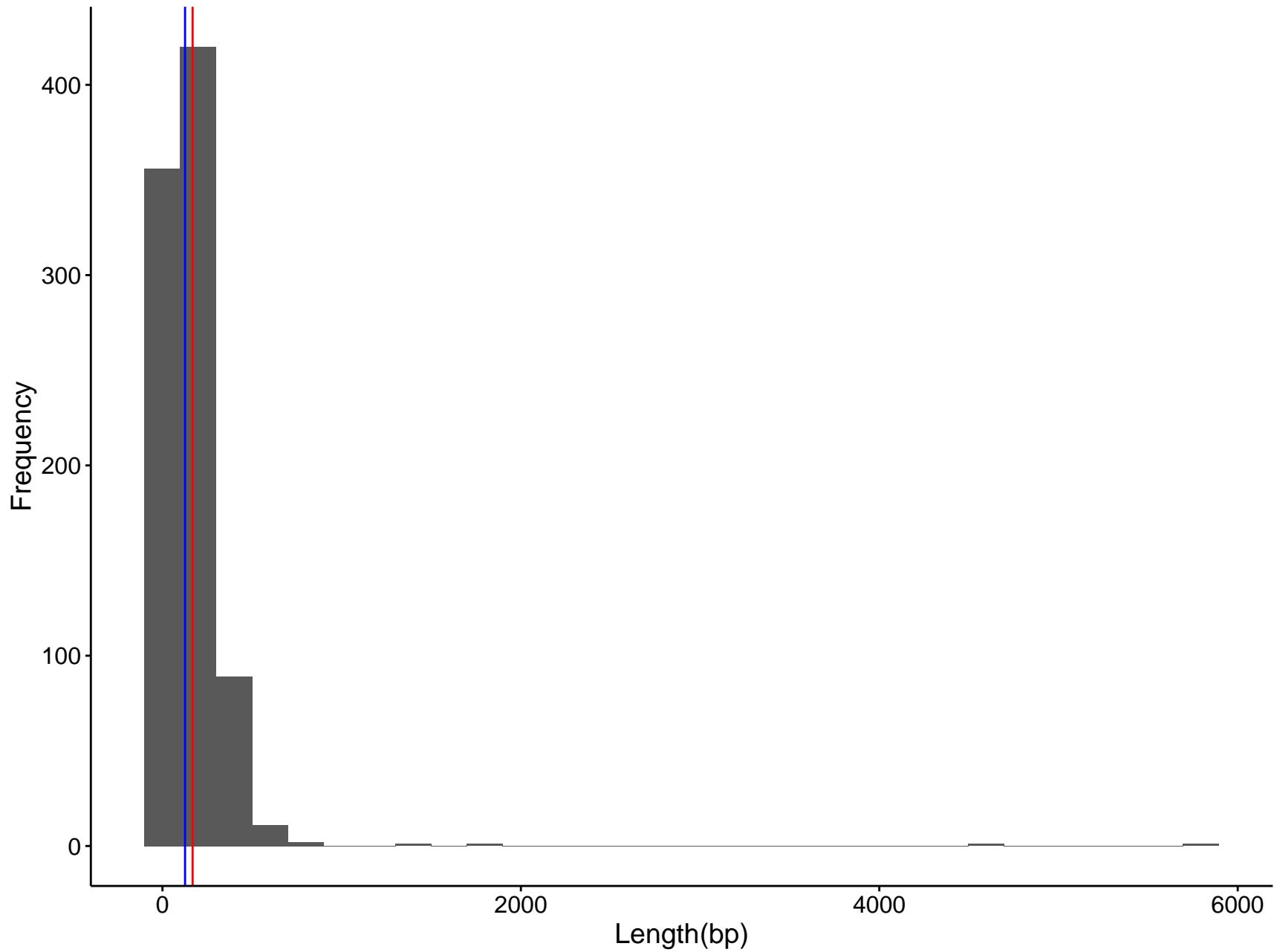
Cluster1240



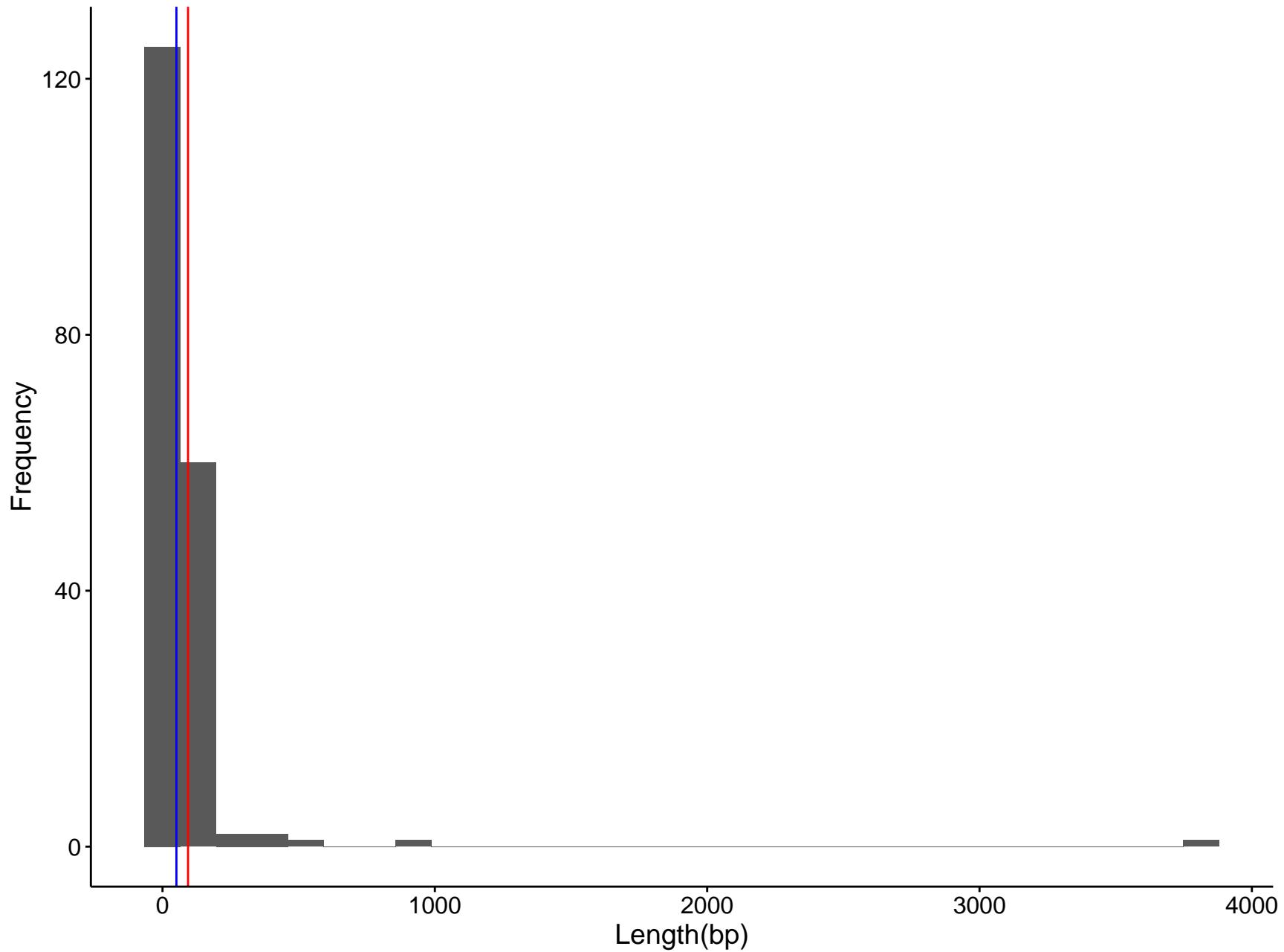
Cluster1241



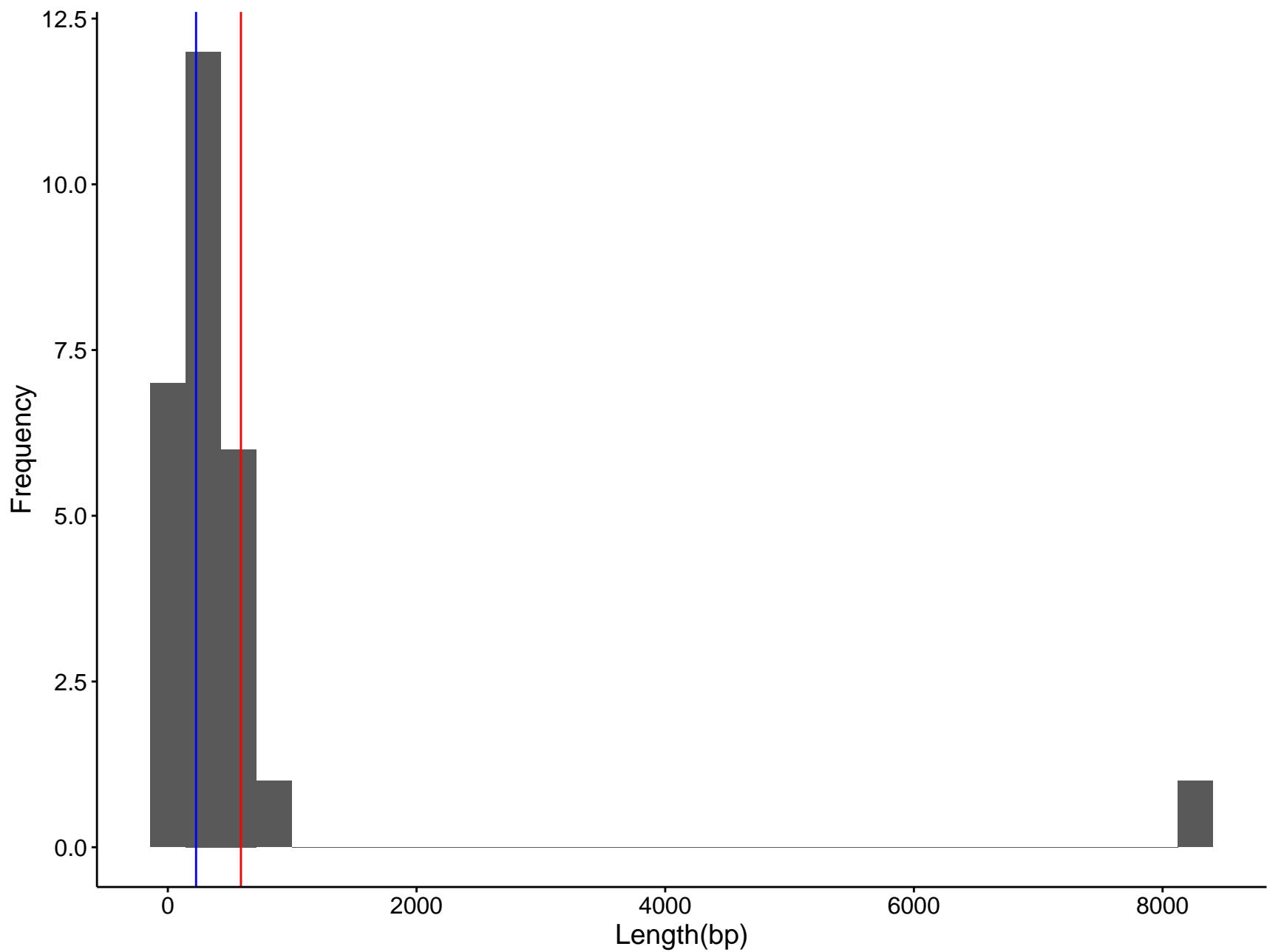
Cluster1242



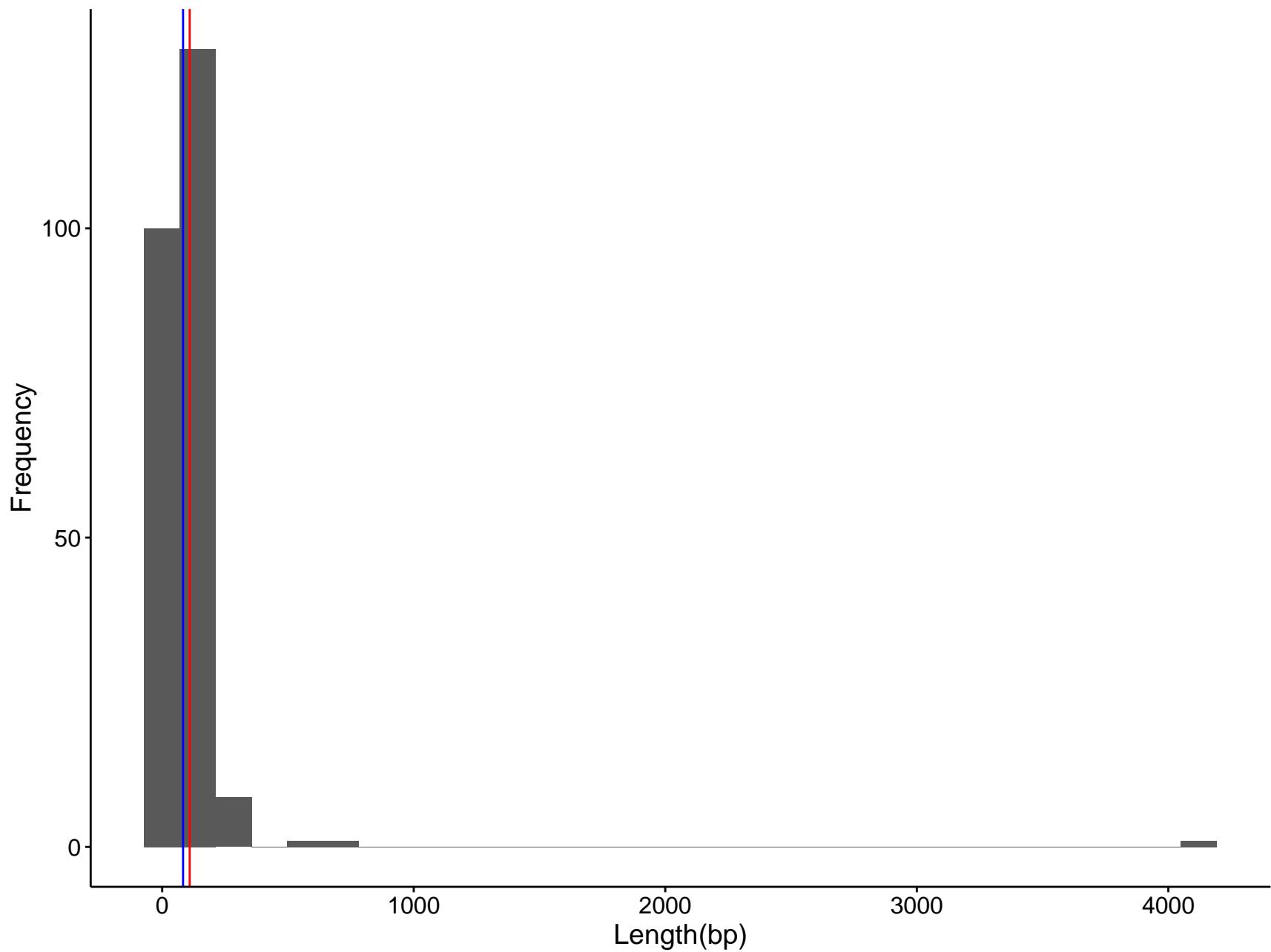
Cluster1244



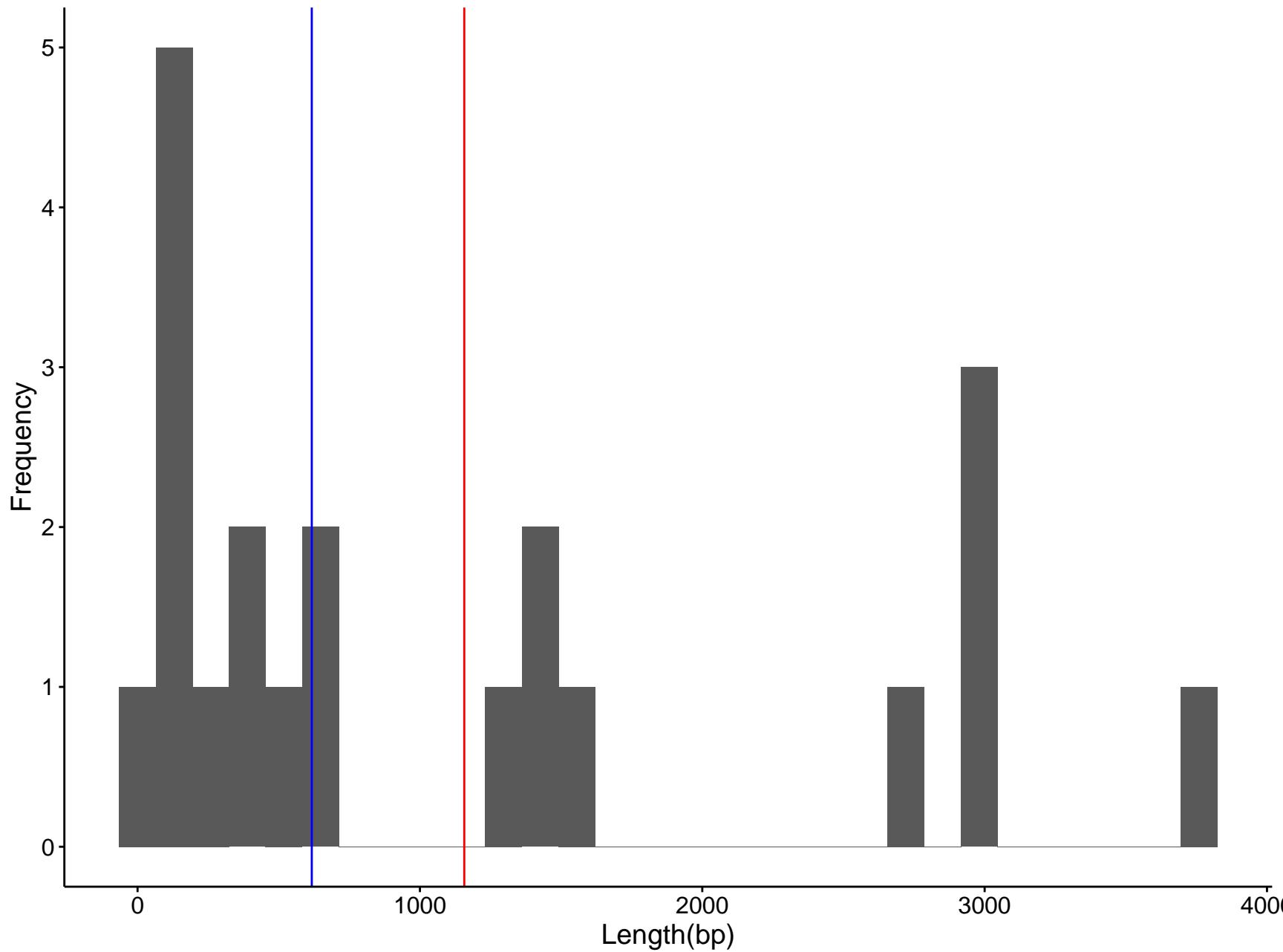
Cluster1245



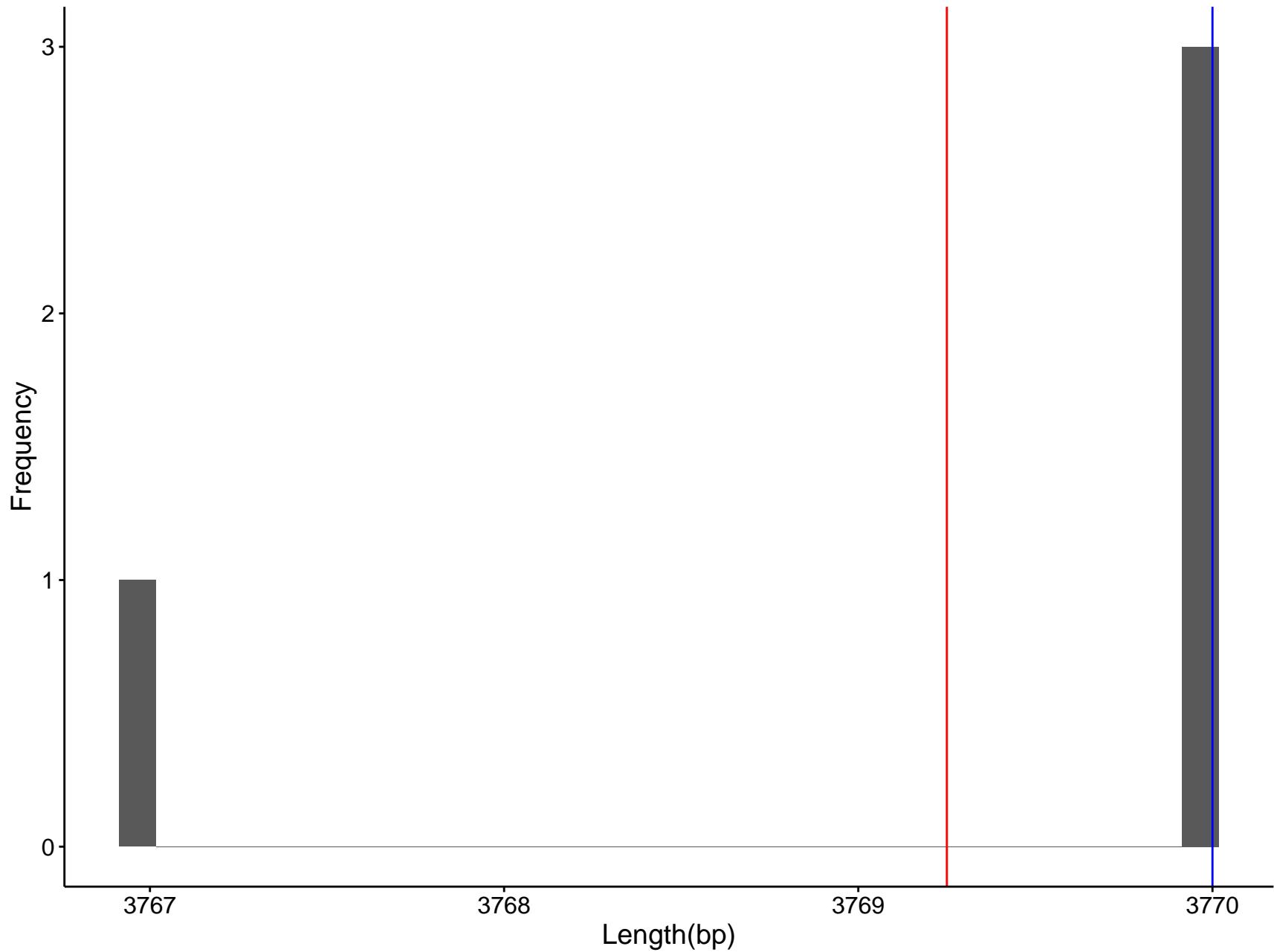
Cluster1246



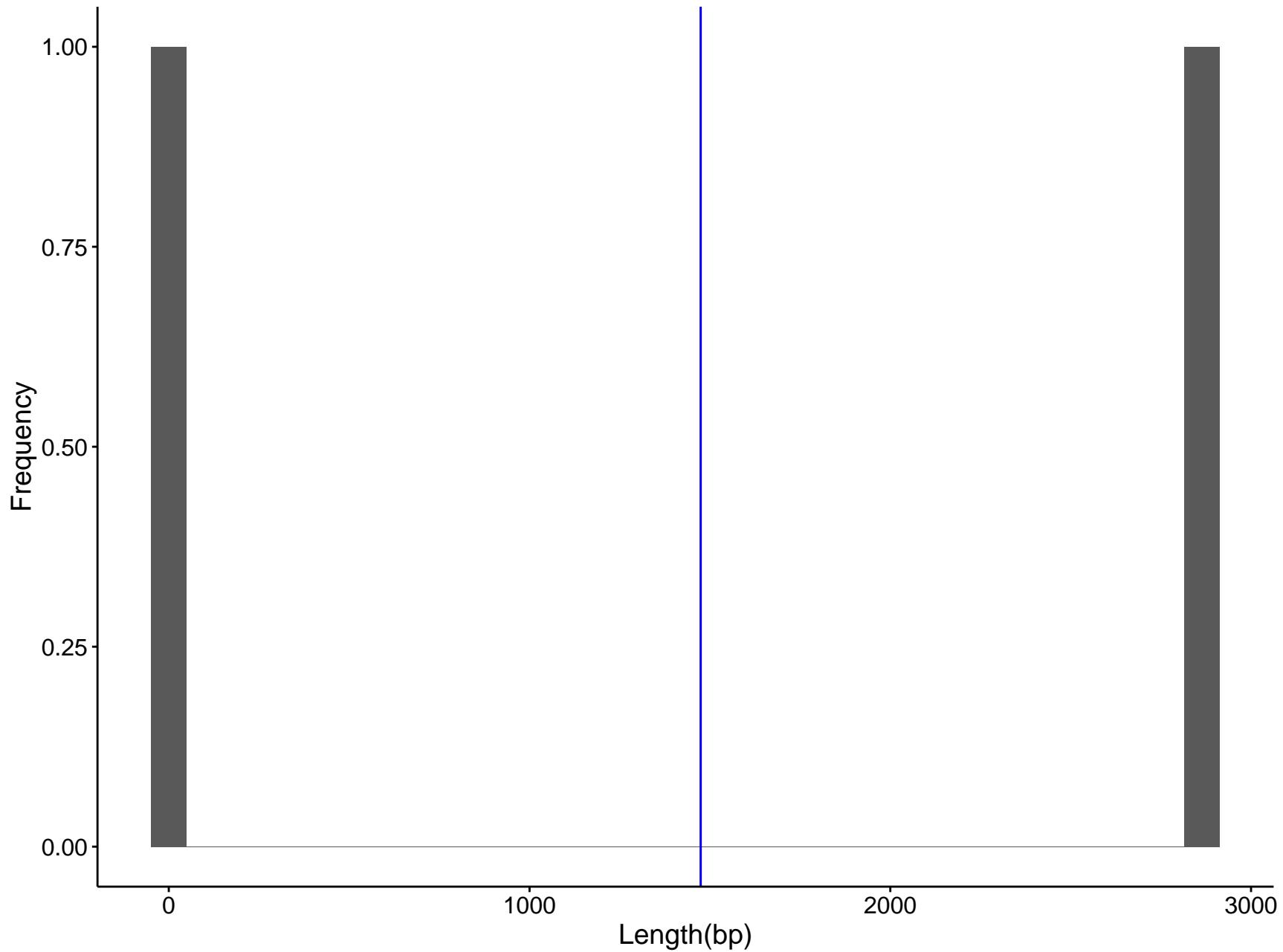
Cluster1247



Cluster1248



Cluster1249



Cluster124

Frequency

219.950

219.975

220.000

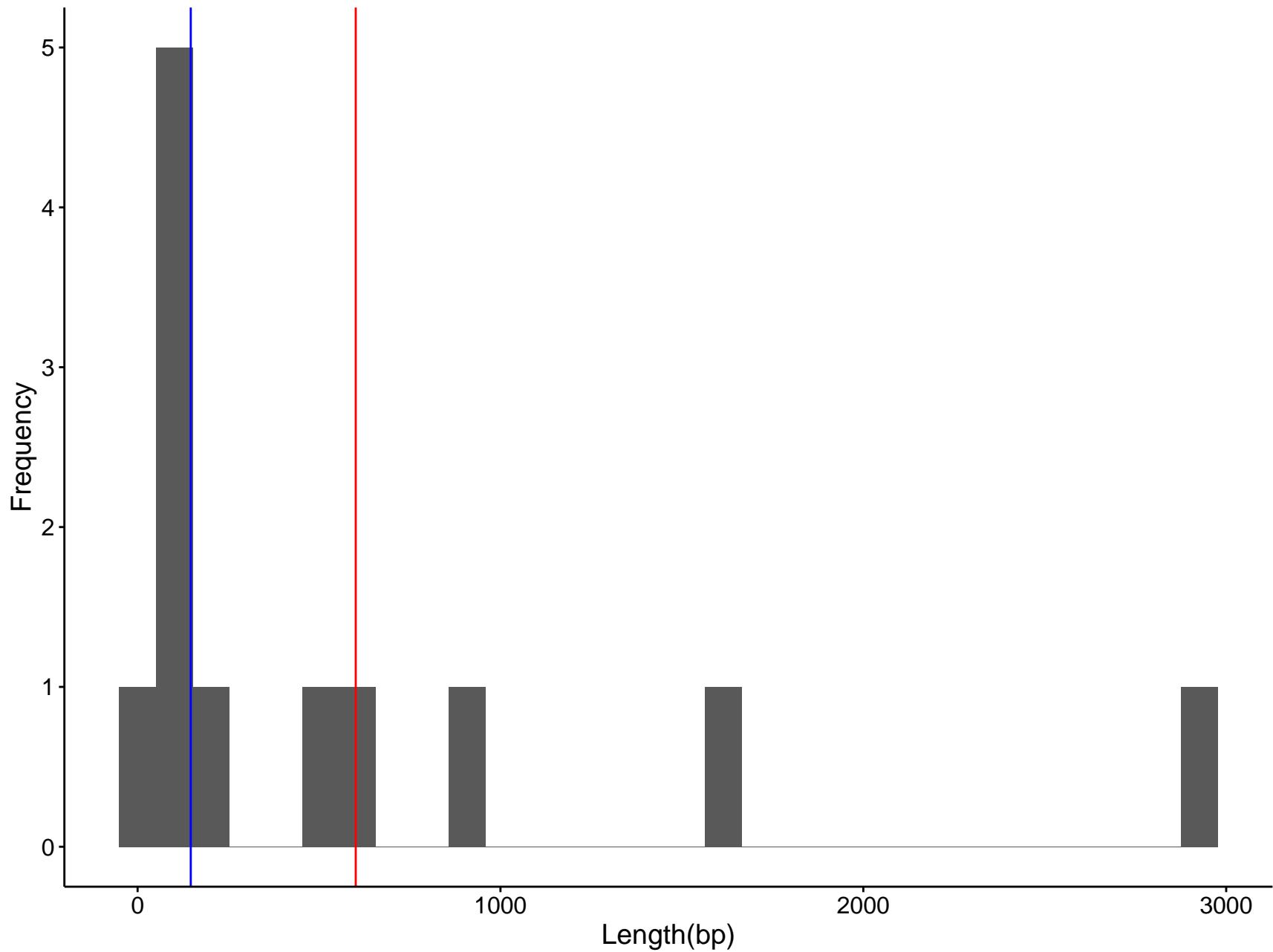
220.025

220.050

Length(bp)



Cluster1250



Cluster1252

Frequency

1268.950

1268.975

1269.000
Length(bp)

1269.025

1269.



Cluster1253

Frequency

606.950

606.975

607.000

607.025

Length(bp)



Cluster1255

Frequency

705.950

705.975

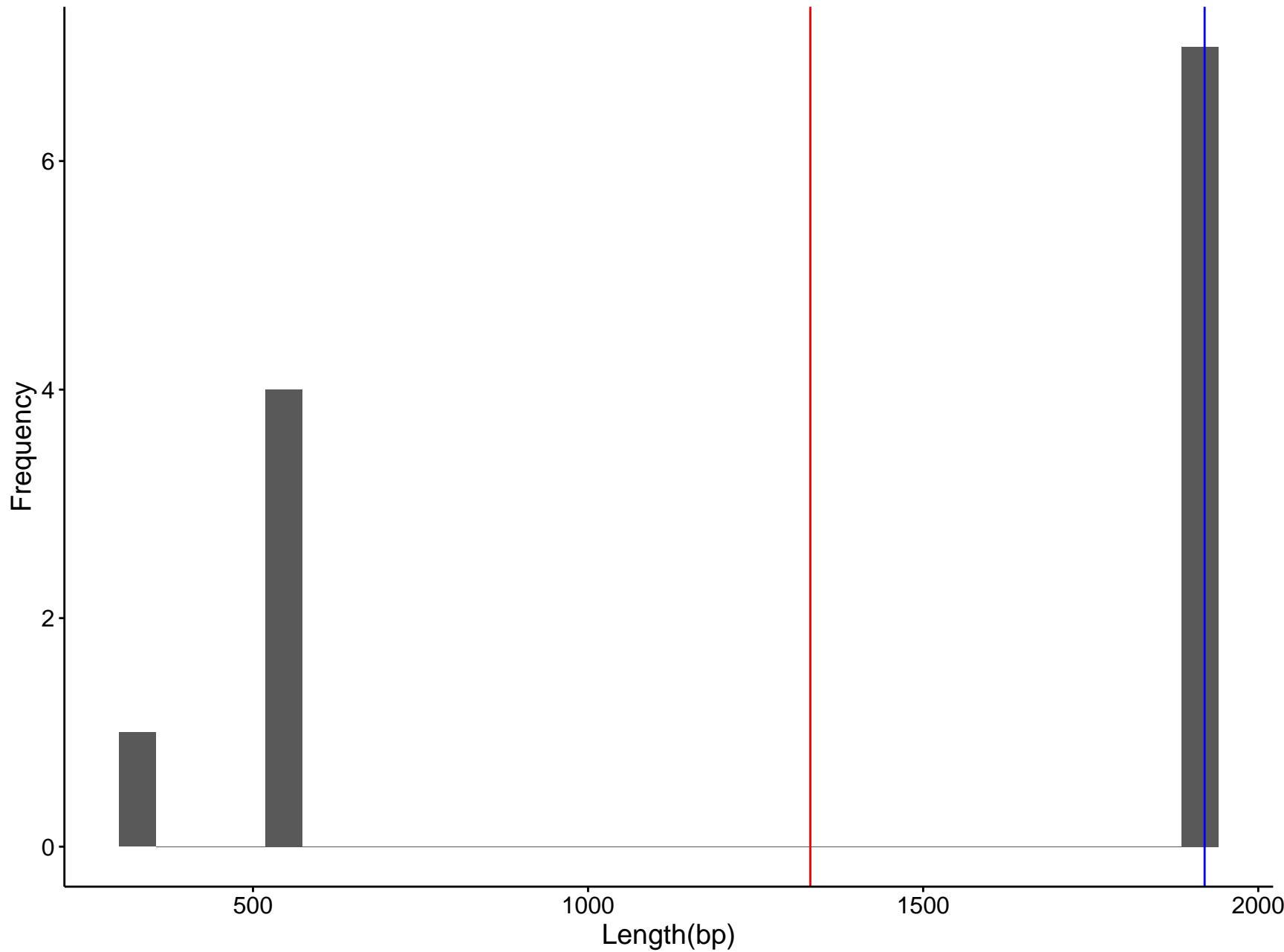
706.000

706.025

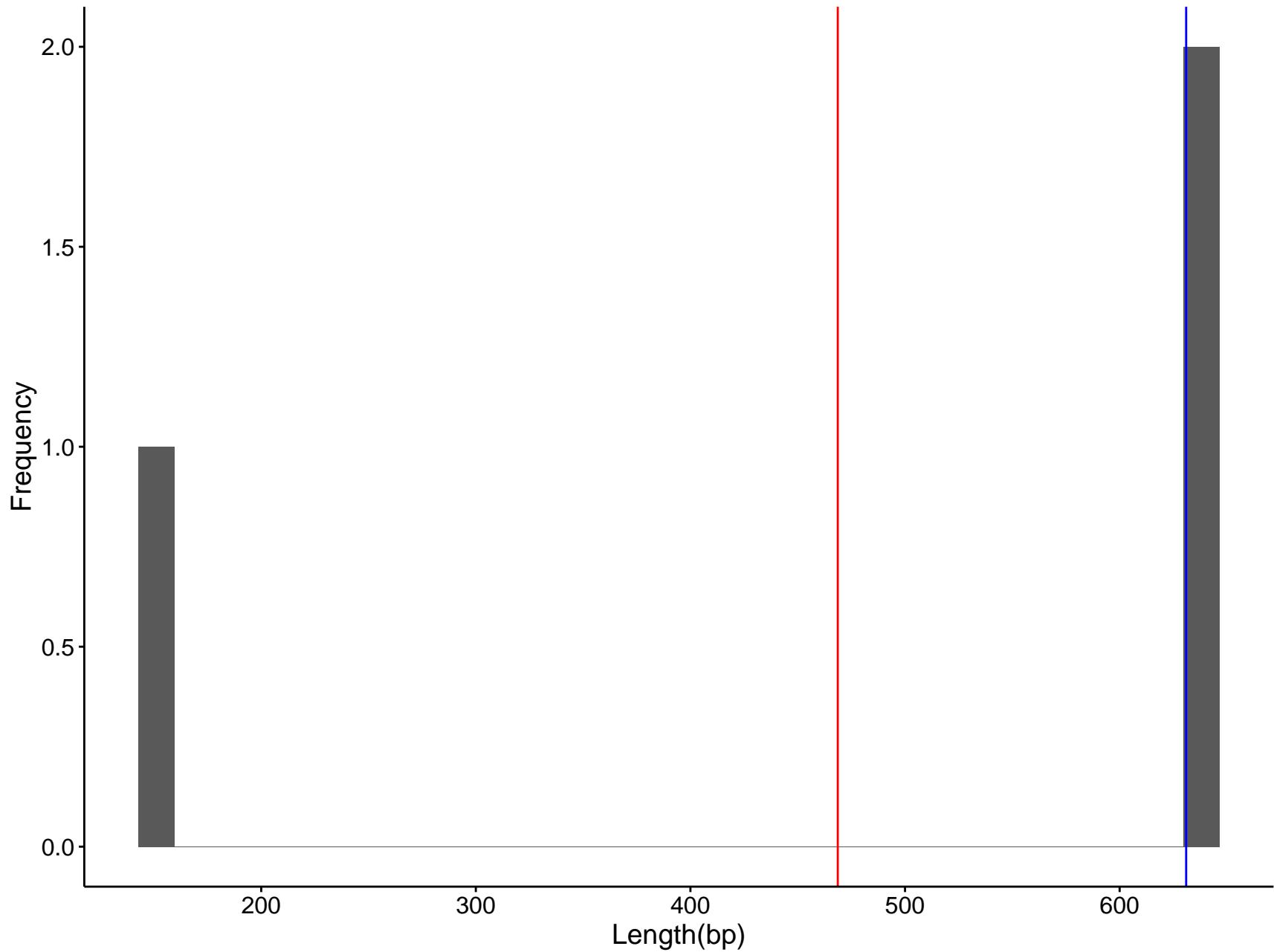
Length(bp)



Cluster1256



Cluster1259



Cluster125

Frequency

690.950

690.975

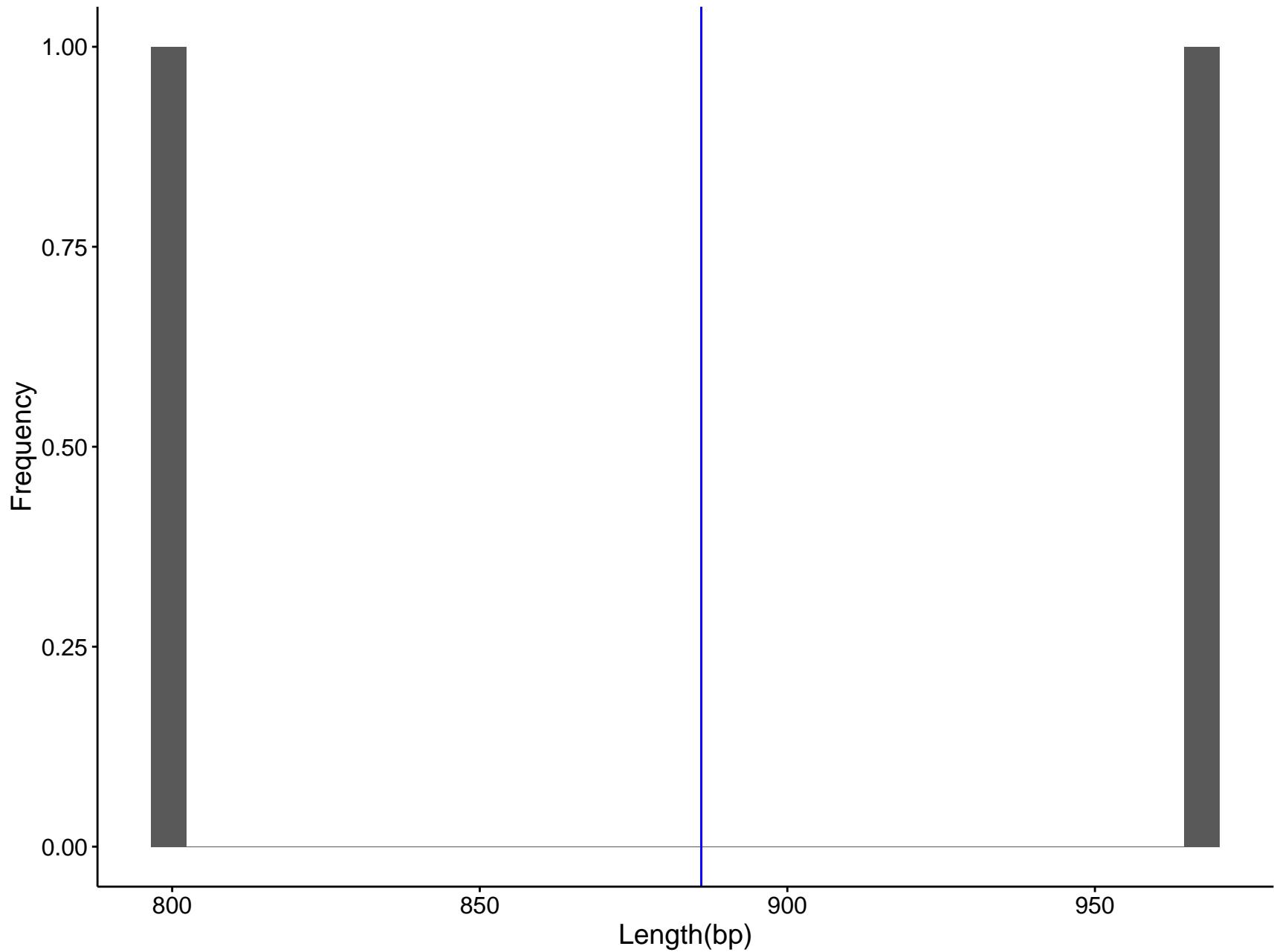
691.000

691.025

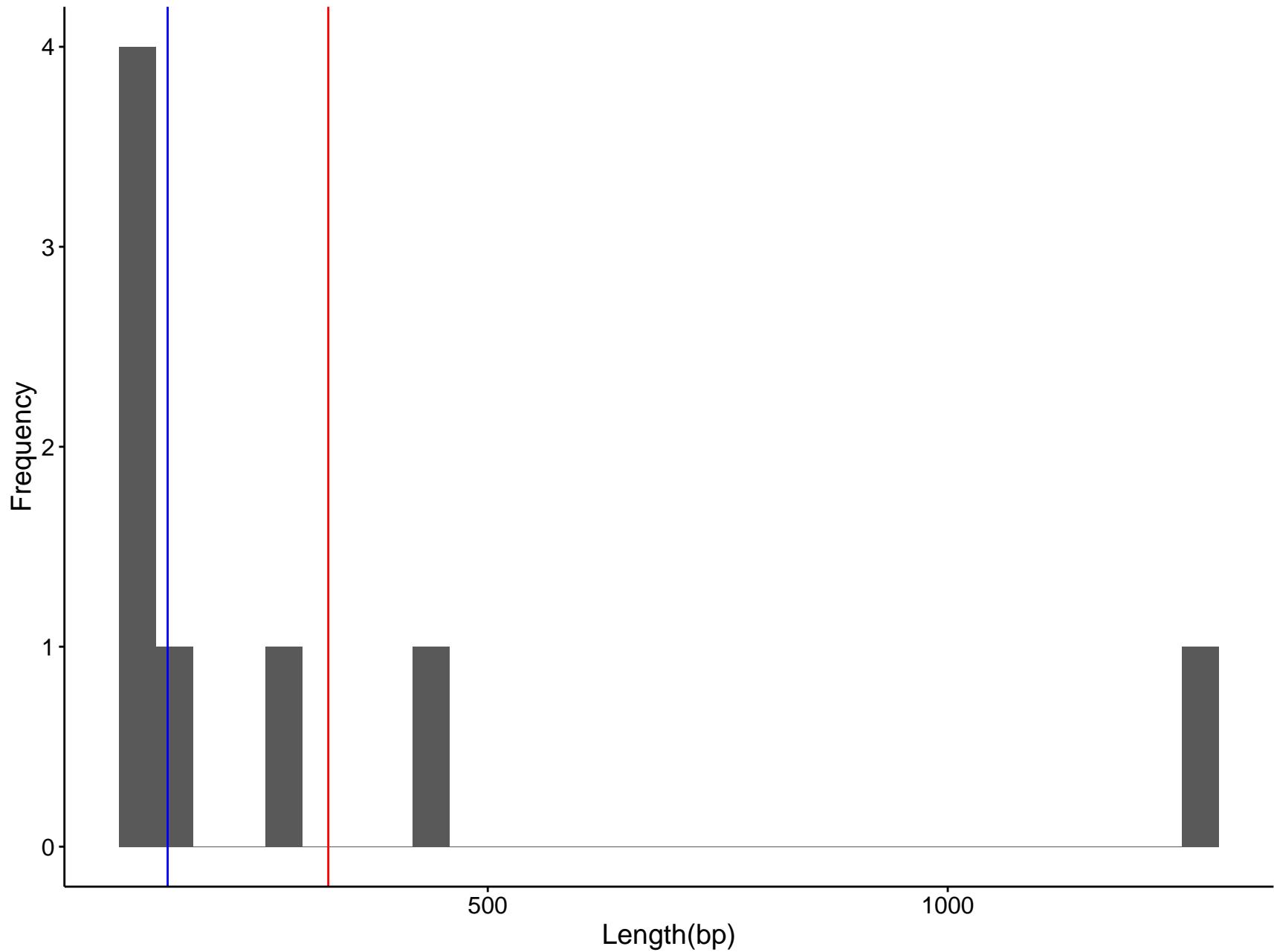
Length(bp)



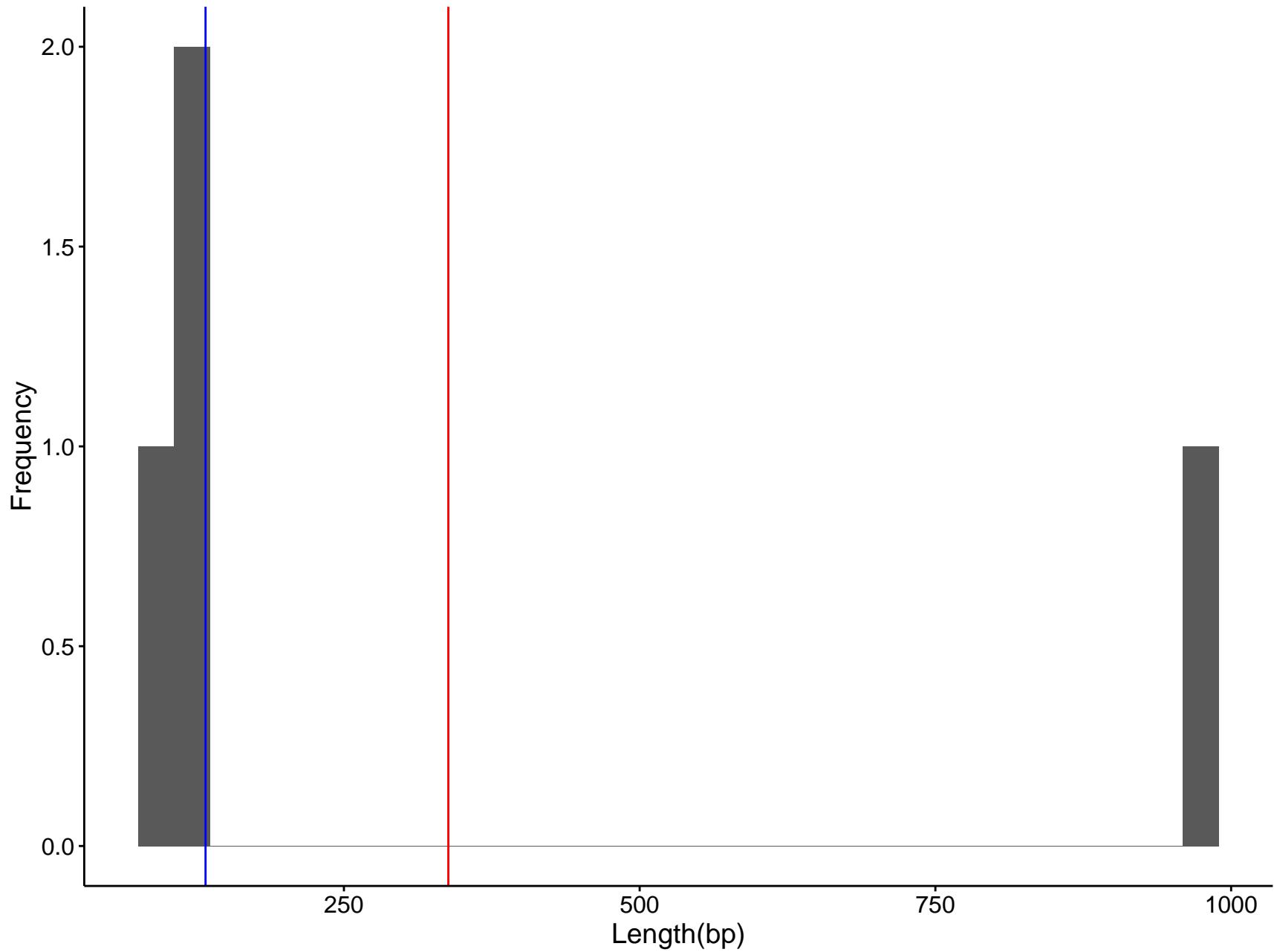
Cluster1260



Cluster1261



Cluster1262



Cluster1264

Frequency

2337.950

2337.975

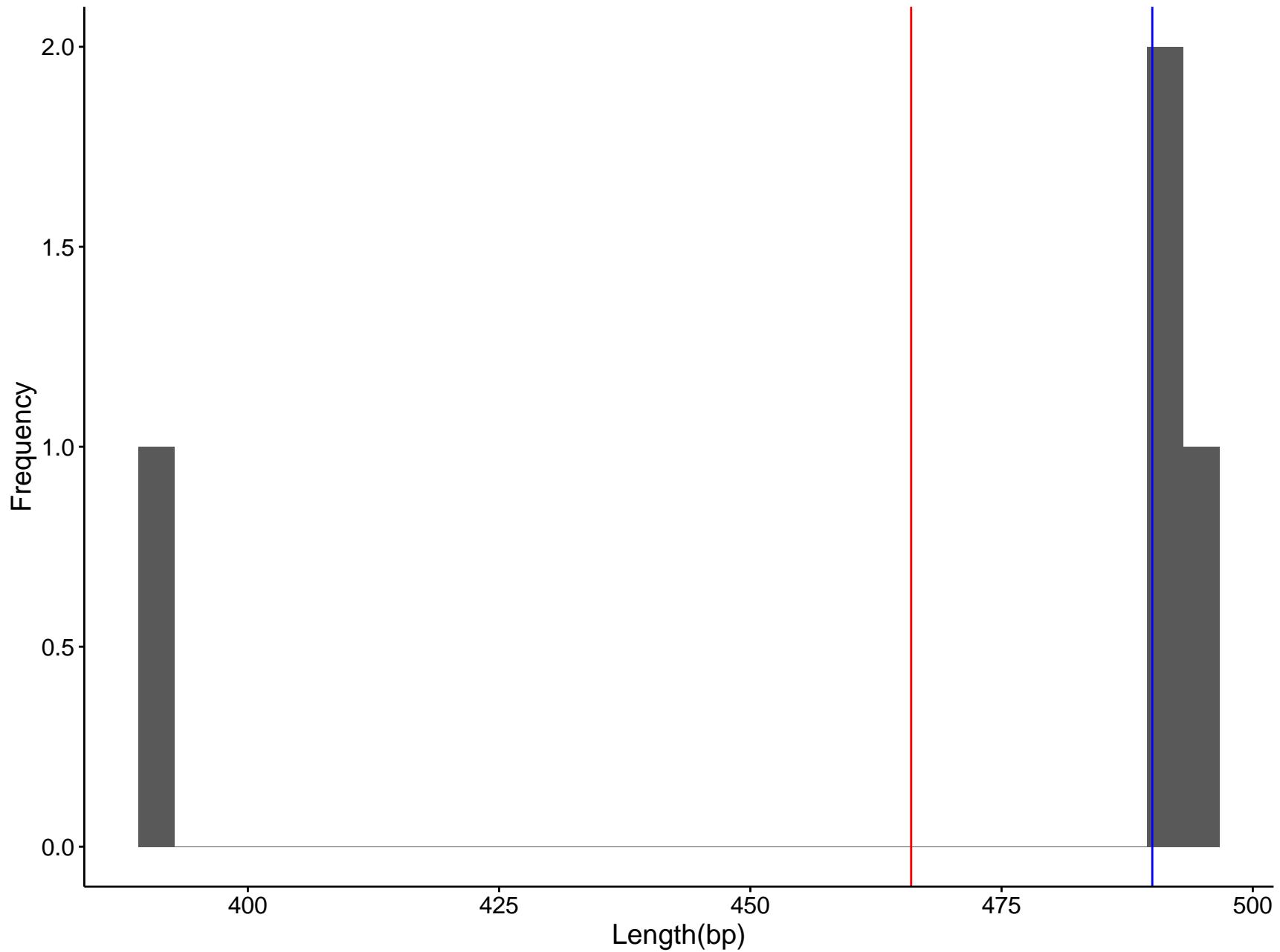
2338.000
Length(bp)

2338.025

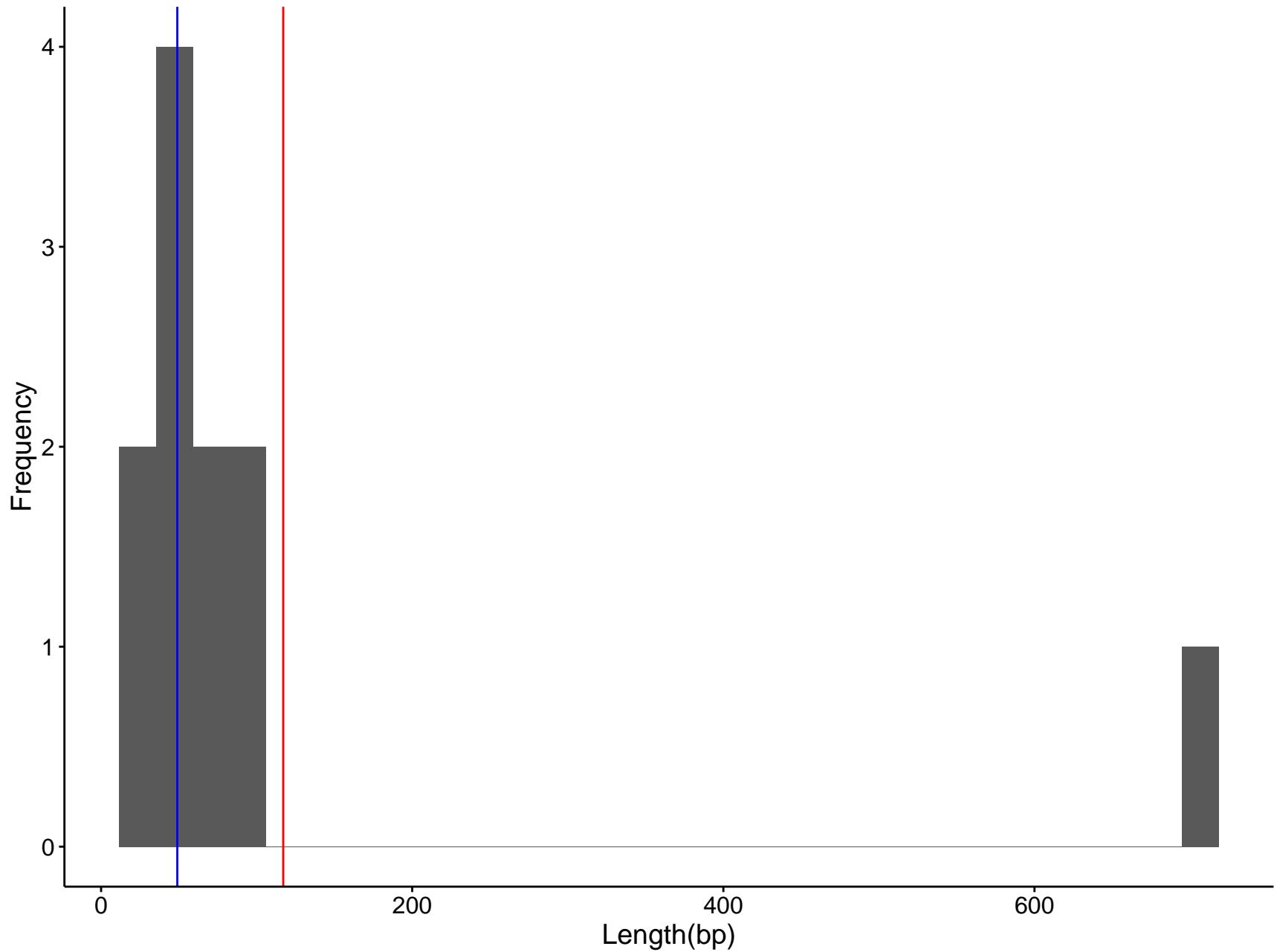
2338.



Cluster1267



Cluster1268



Cluster1269

Frequency

1047.950

1047.975

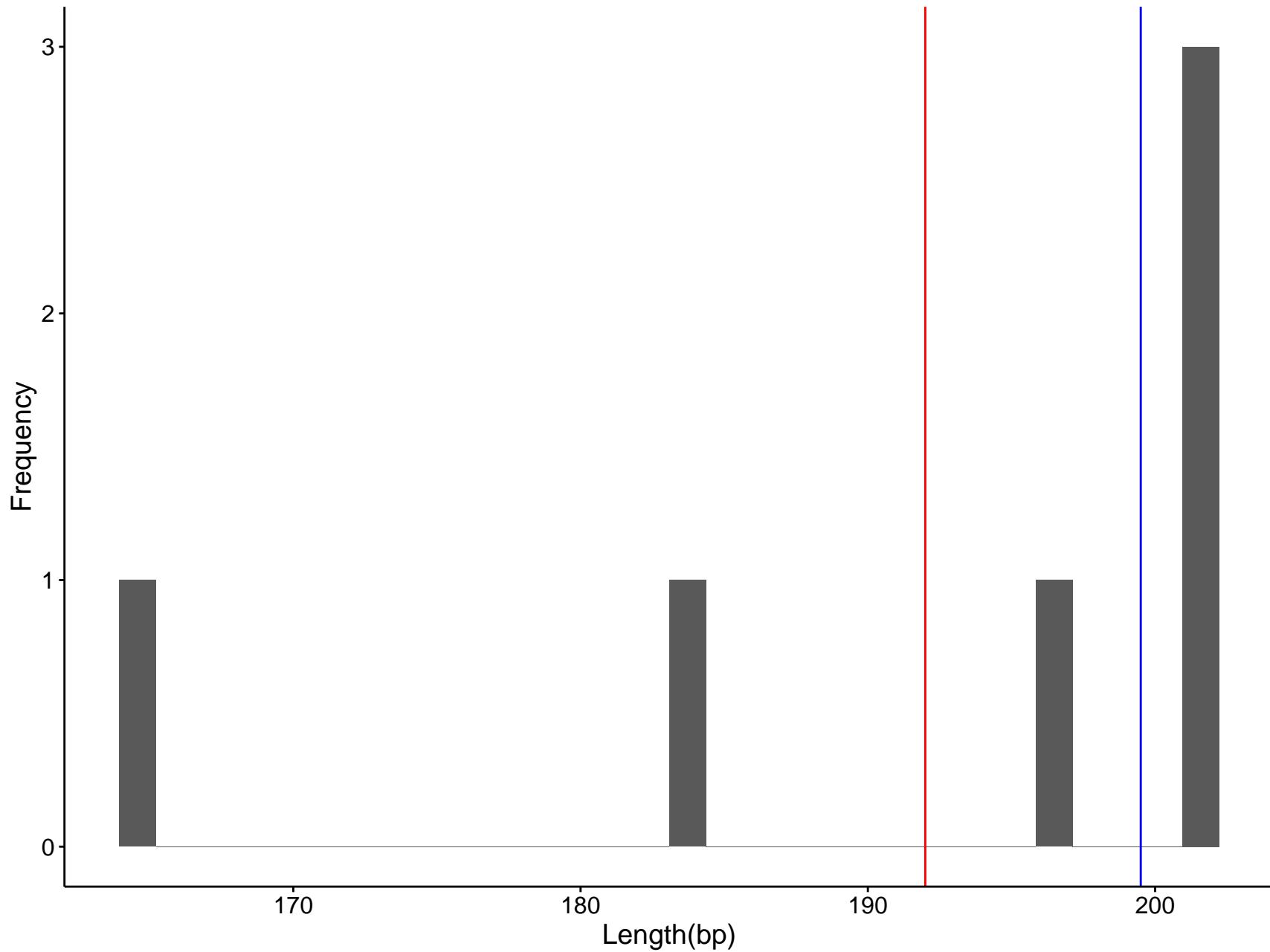
1048.000
Length(bp)

1048.025

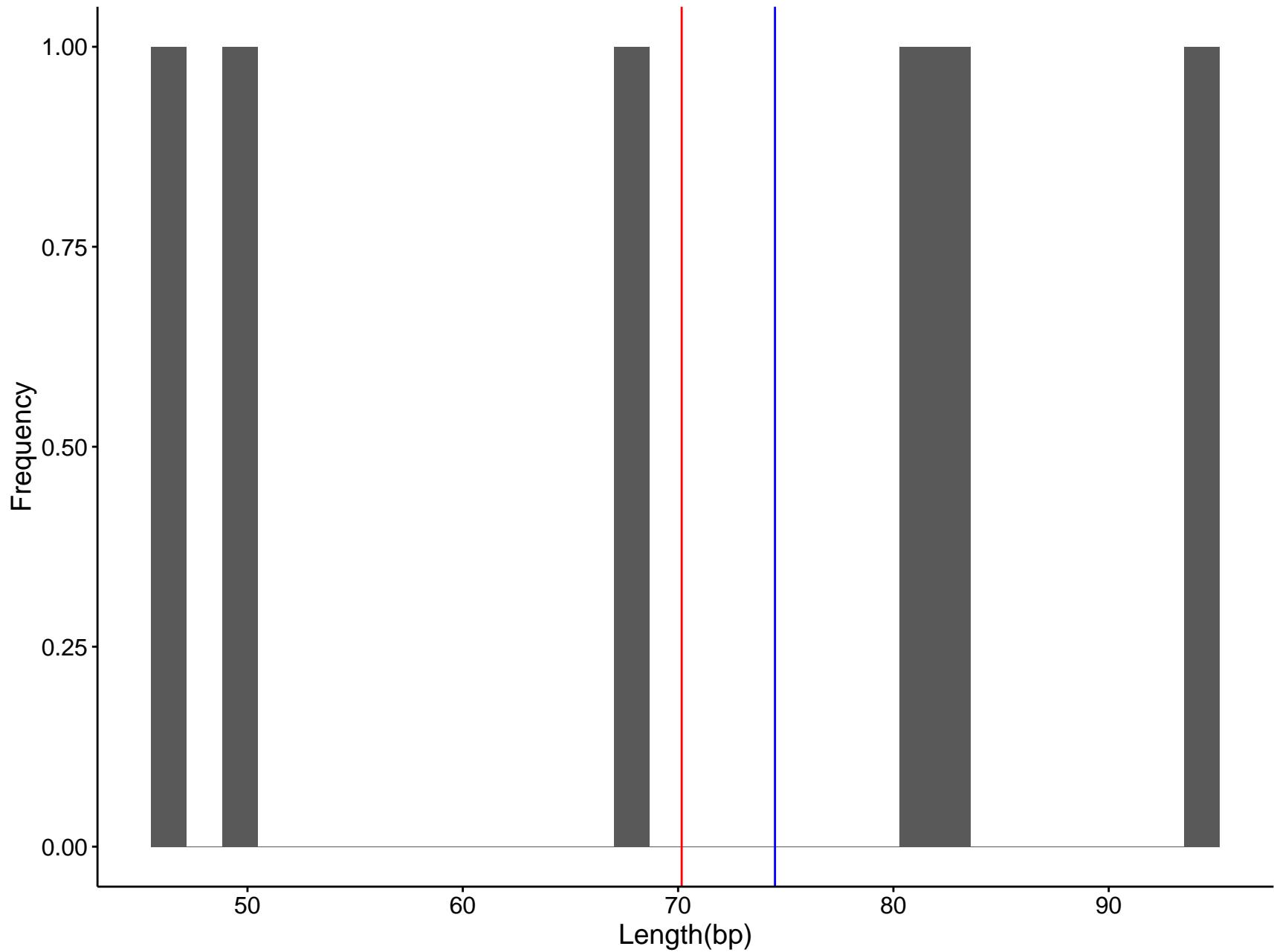
1048.



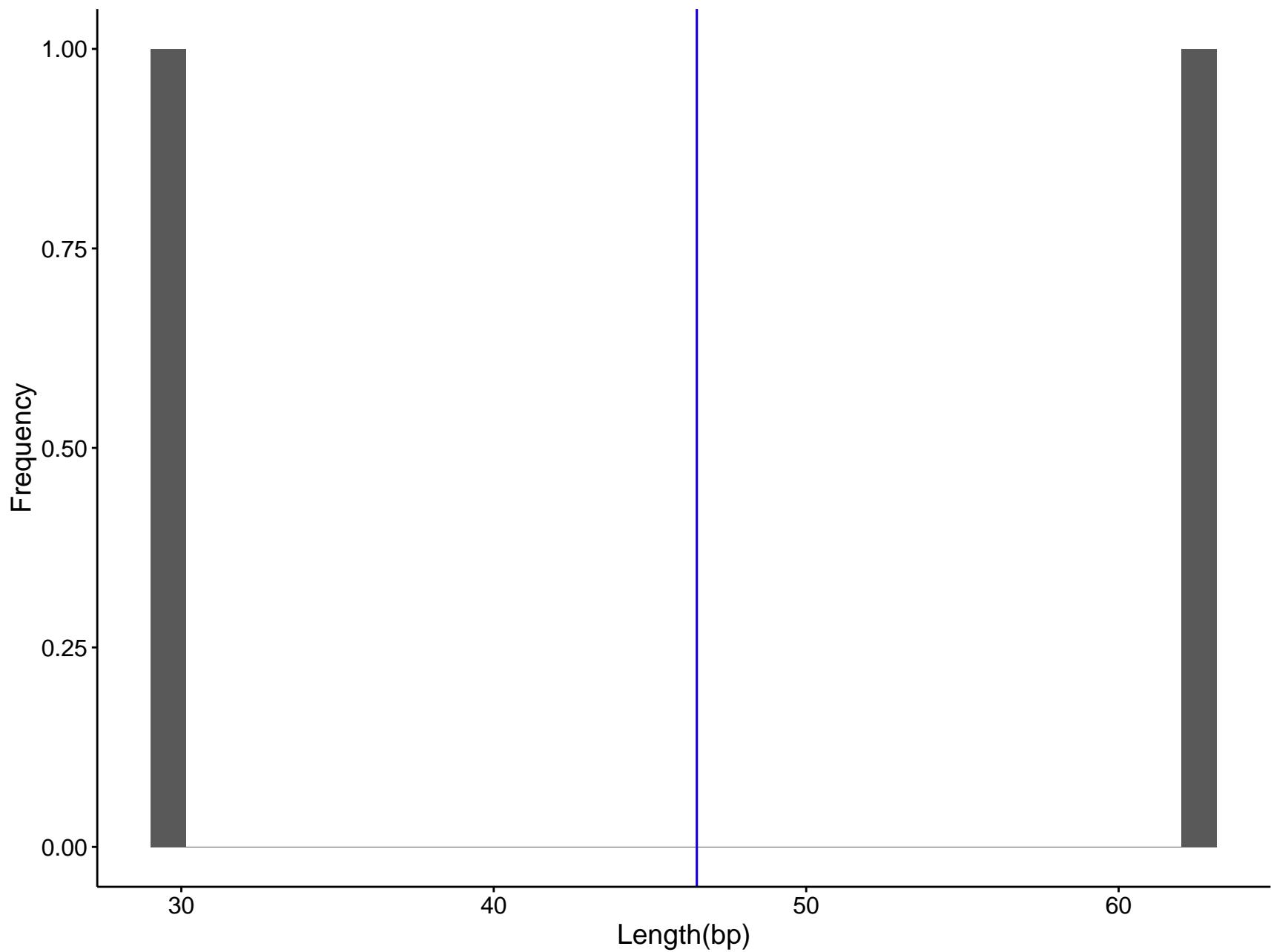
Cluster126



Cluster1275



Cluster1276



Cluster1279

Frequency

522.950

522.975

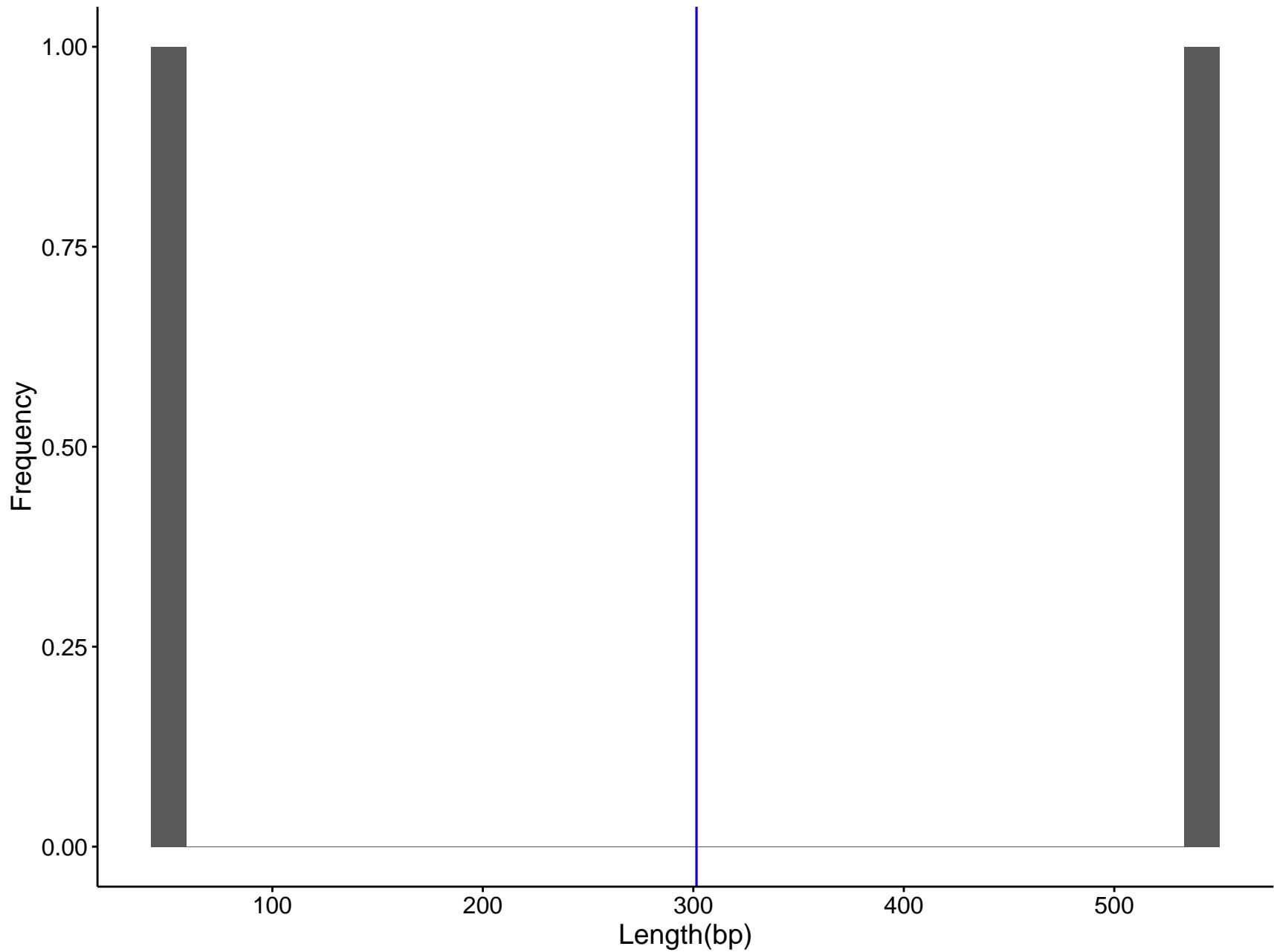
523.000

523.025

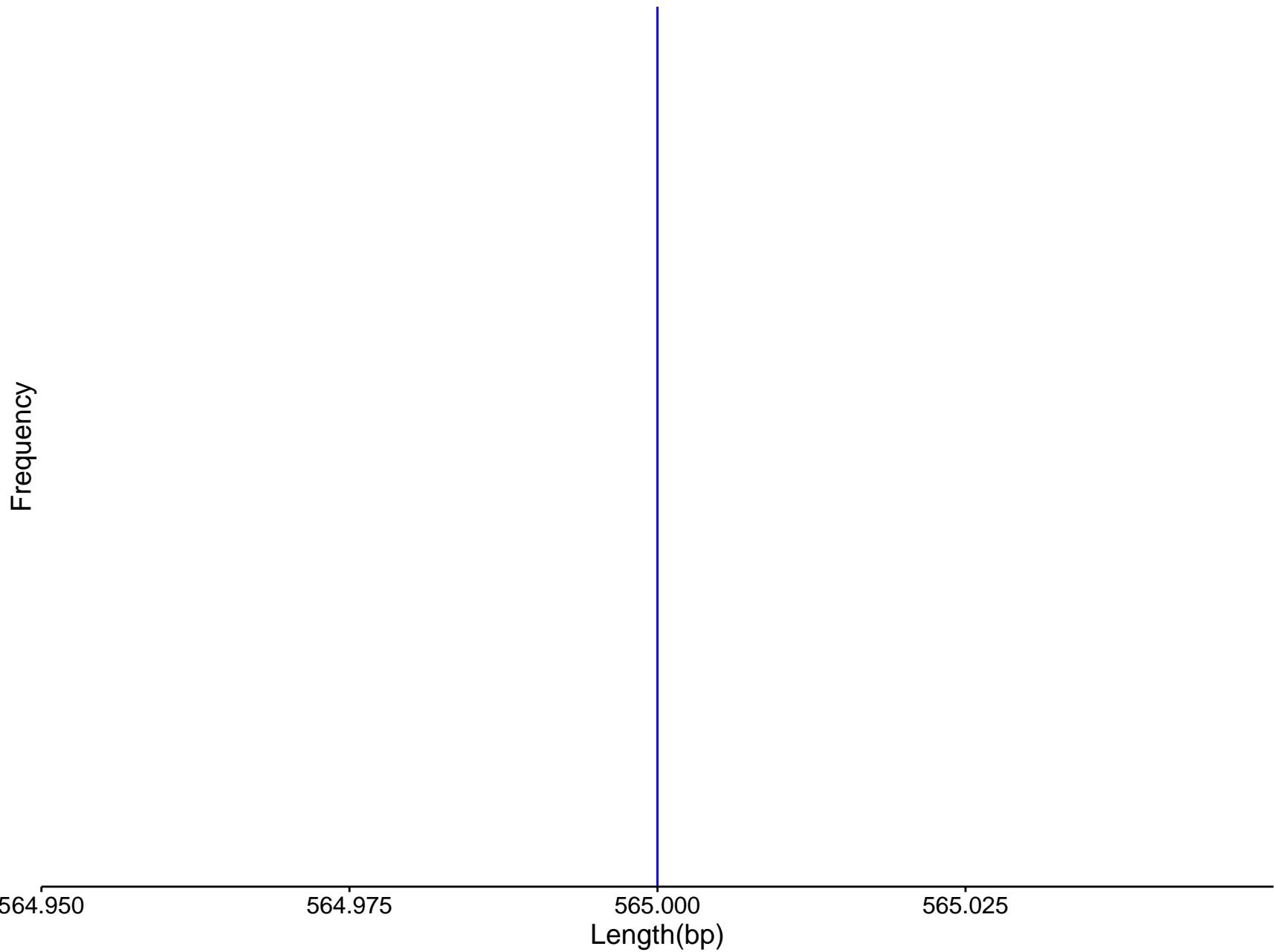
Length(bp)



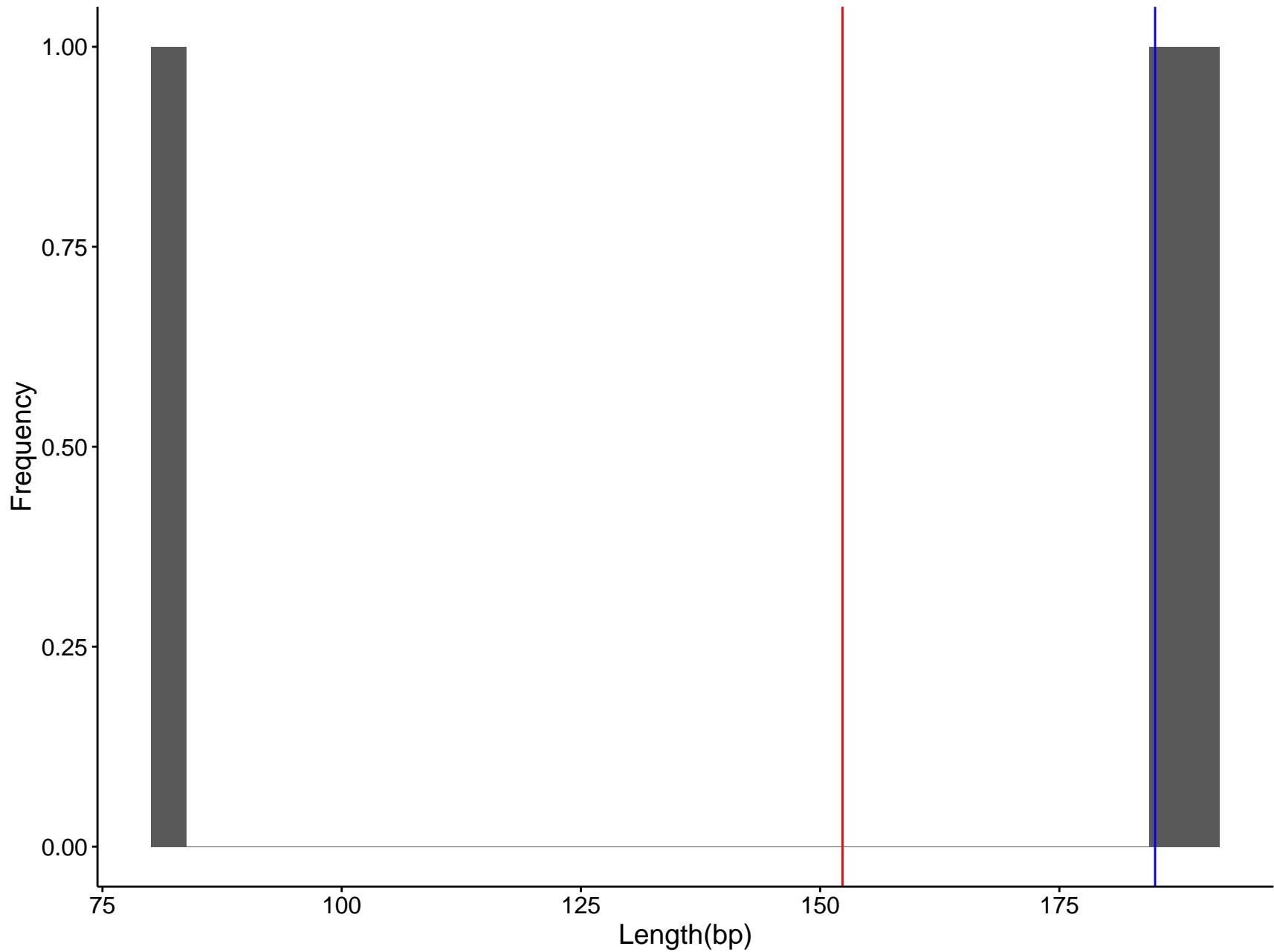
Cluster1283



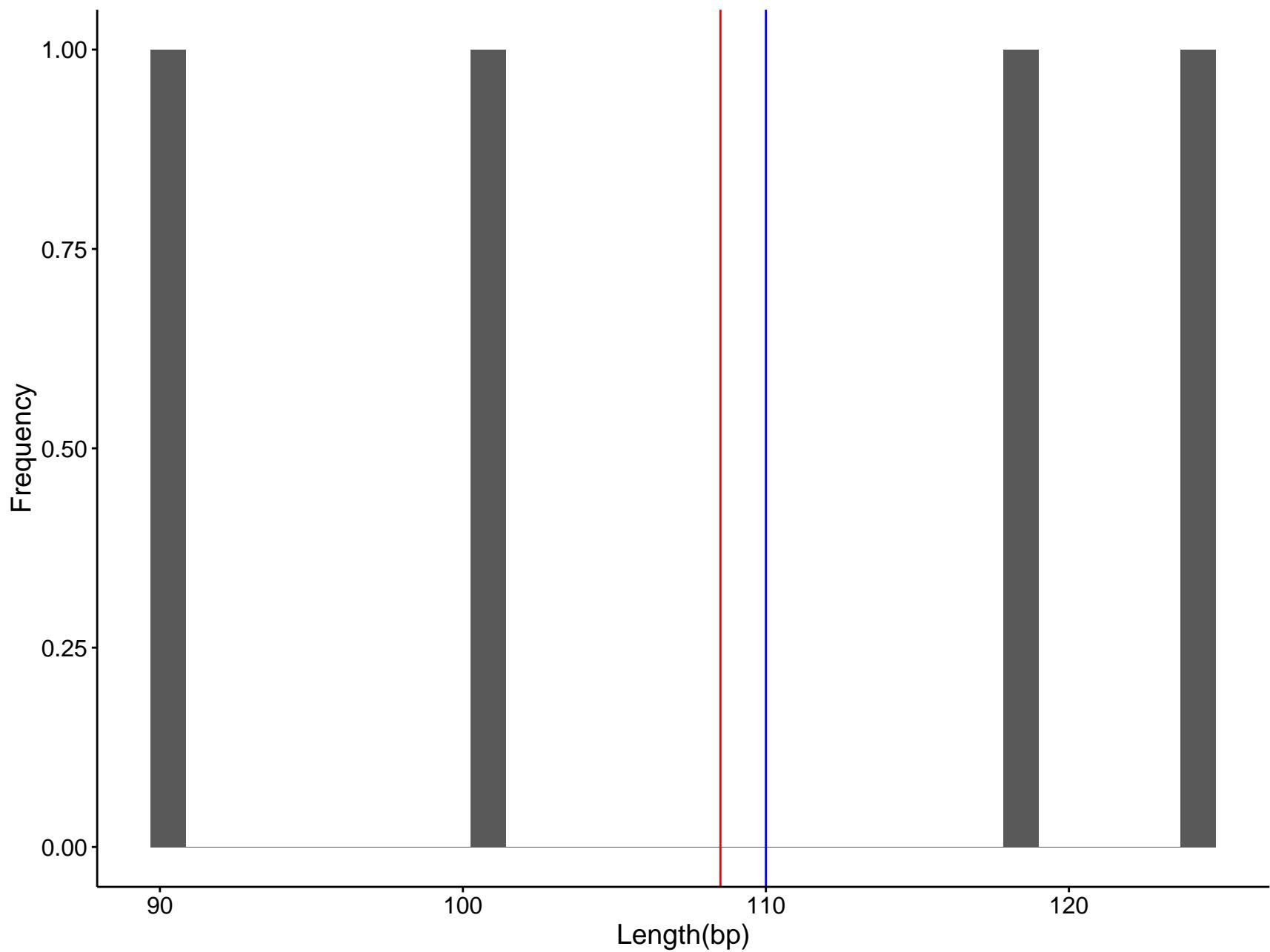
Cluster1284



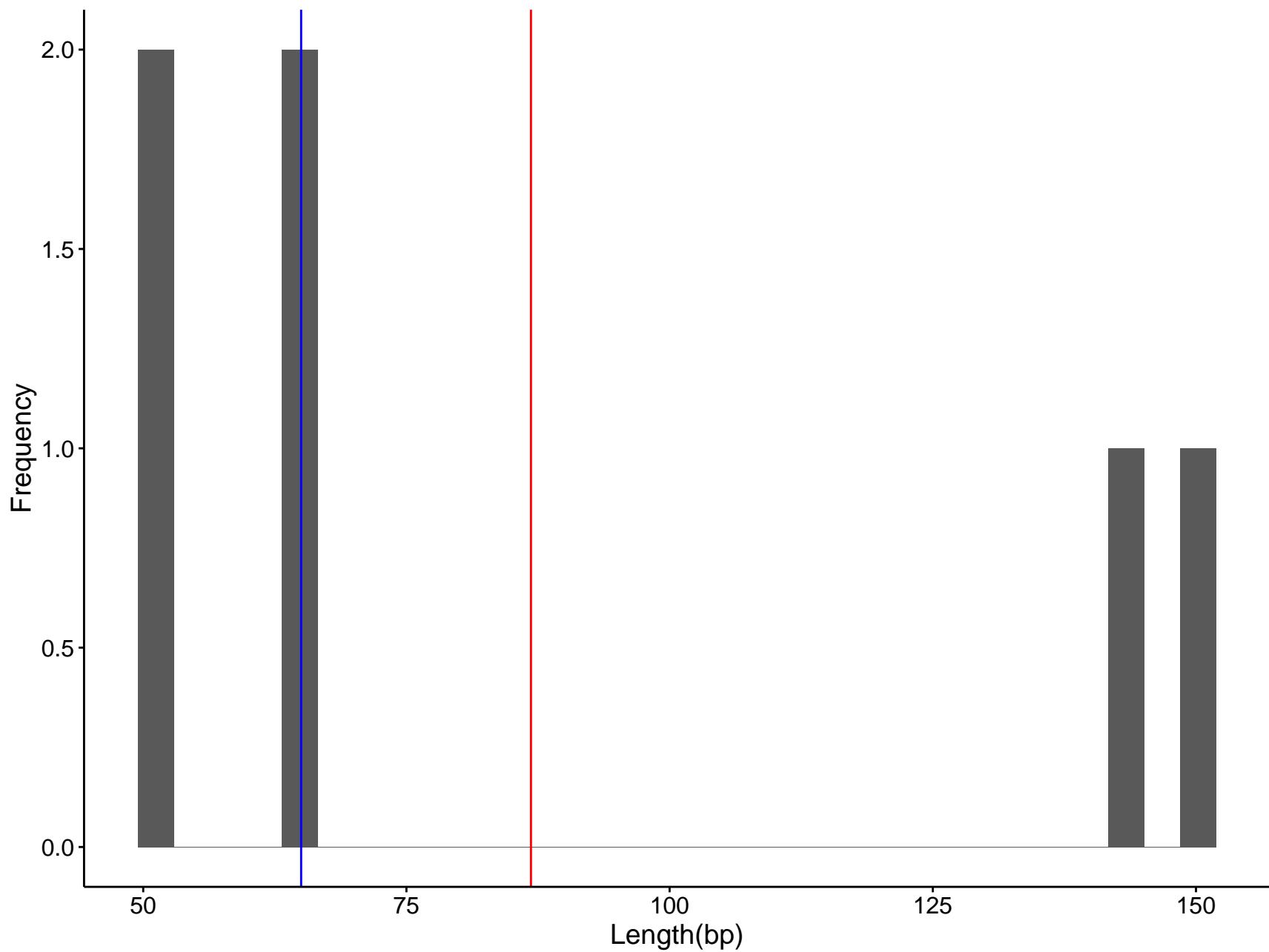
Cluster128



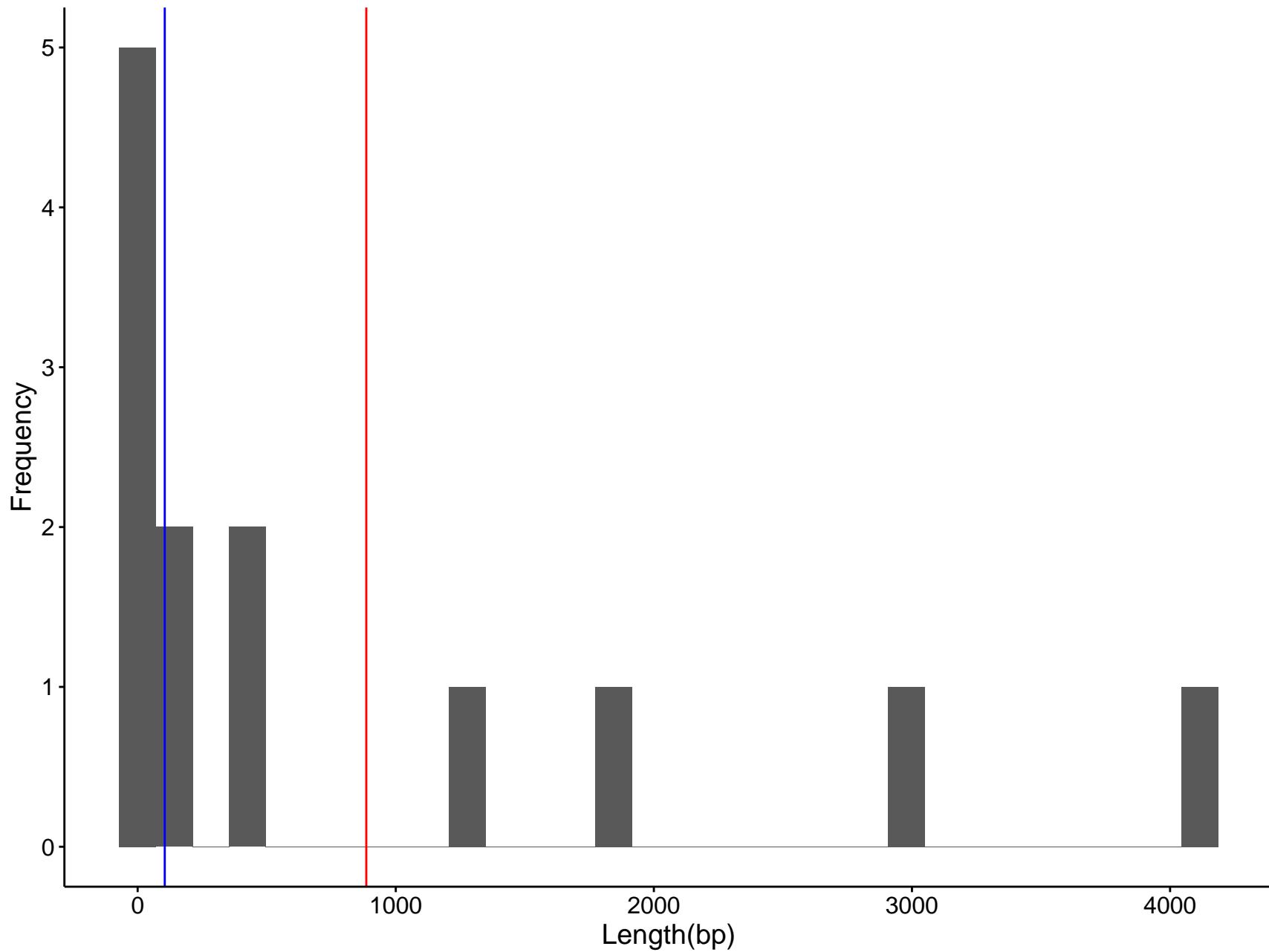
Cluster1290



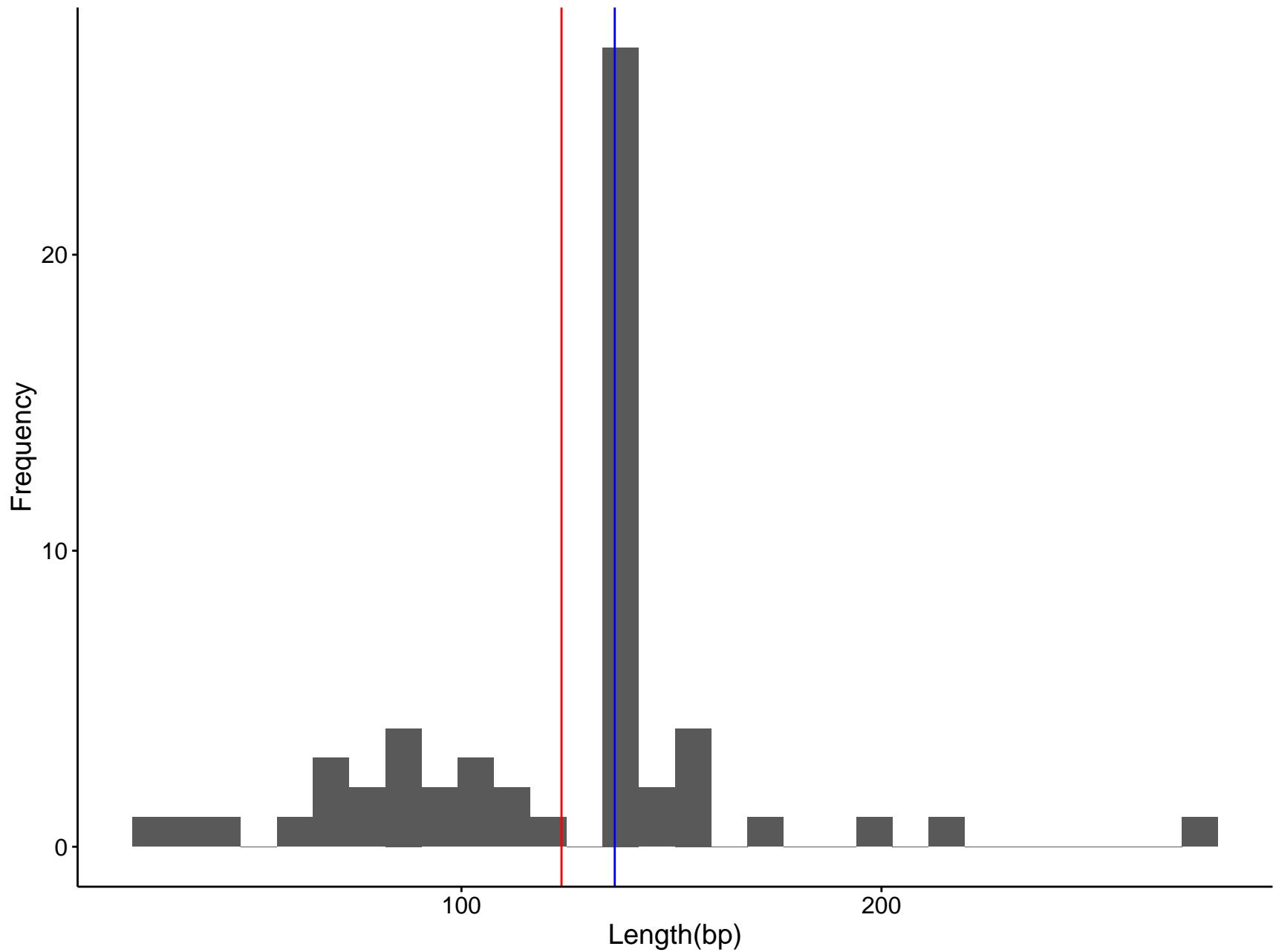
Cluster1292



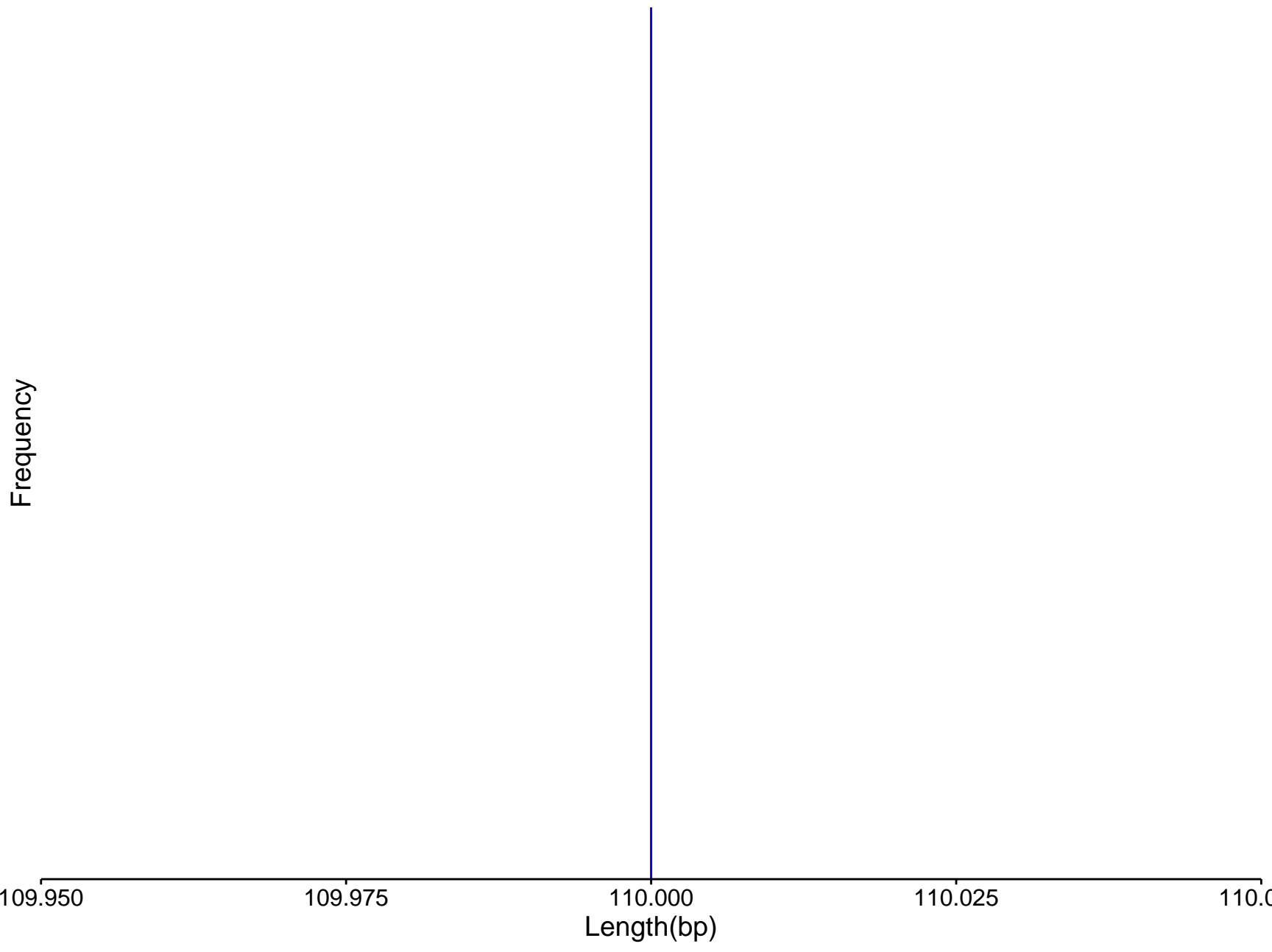
Cluster1293



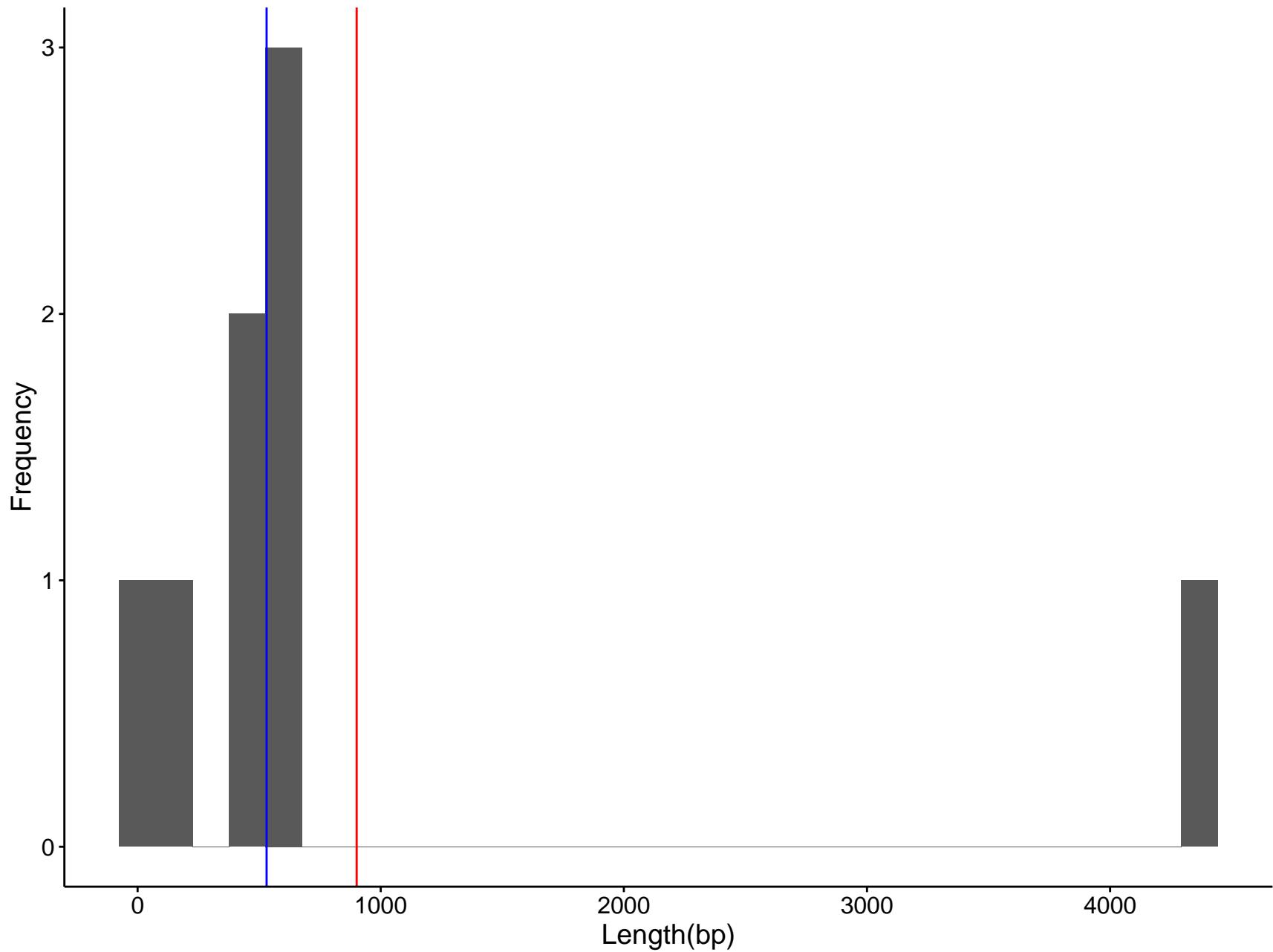
Cluster1294



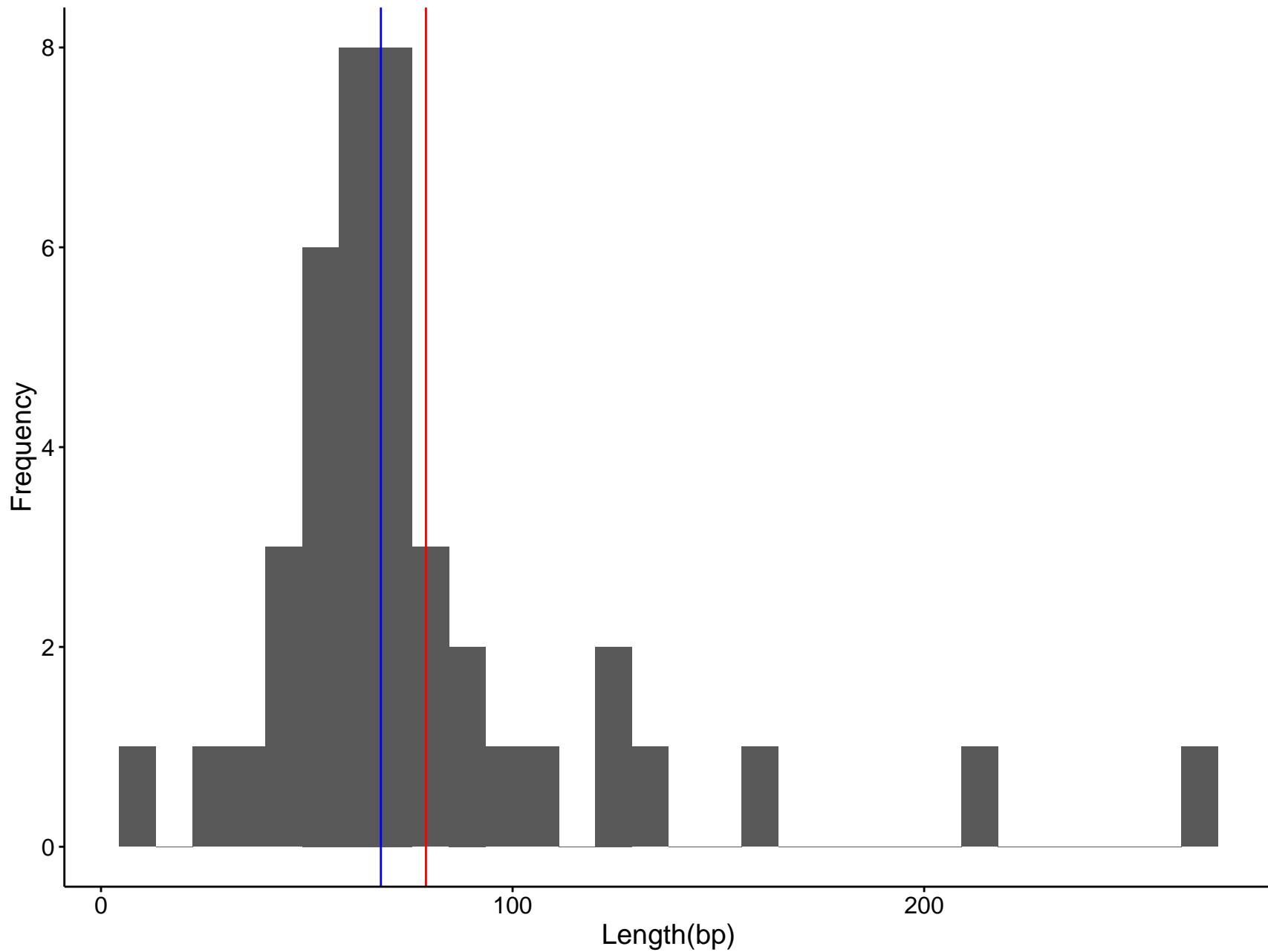
Cluster1295



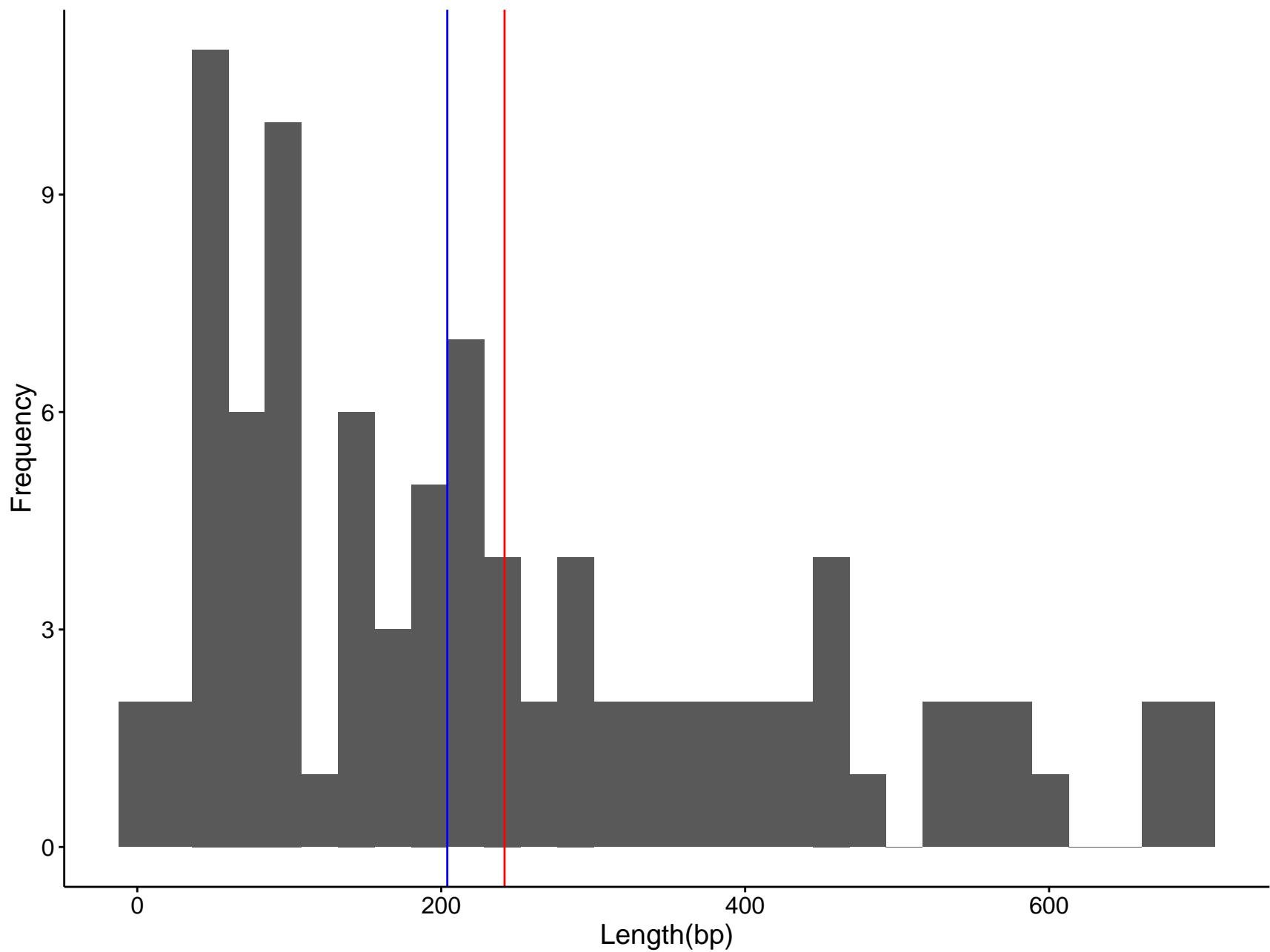
Cluster1296



Cluster1297



Cluster1298



Cluster129

Frequency

686.950

686.975

687.000

687.025

Length(bp)



Cluster12

Frequency

55.950

55.975

56.000

56.025

Length(bp)



Cluster1300

Frequency

112.950

112.975

113.000

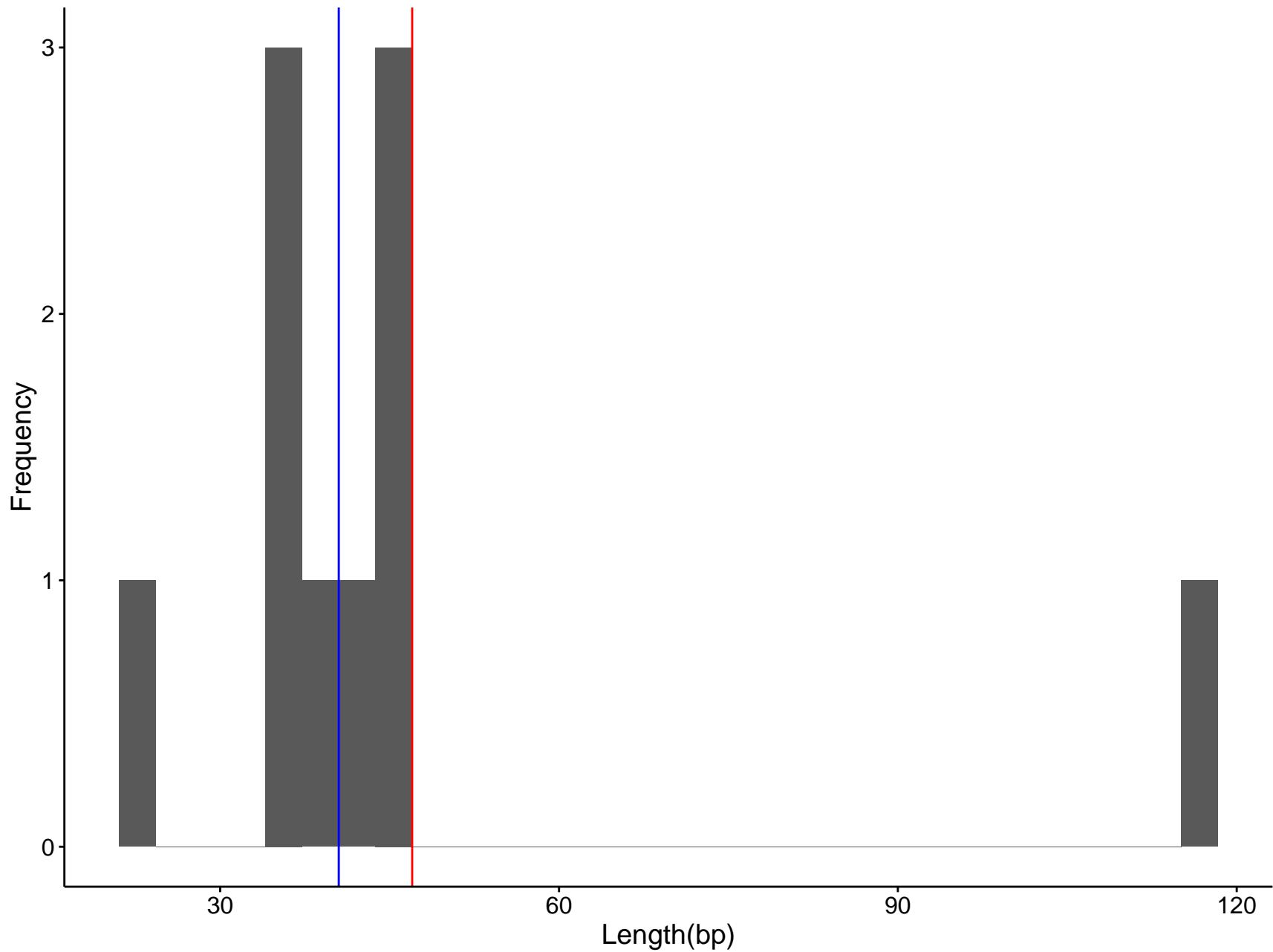
113.025

113.050

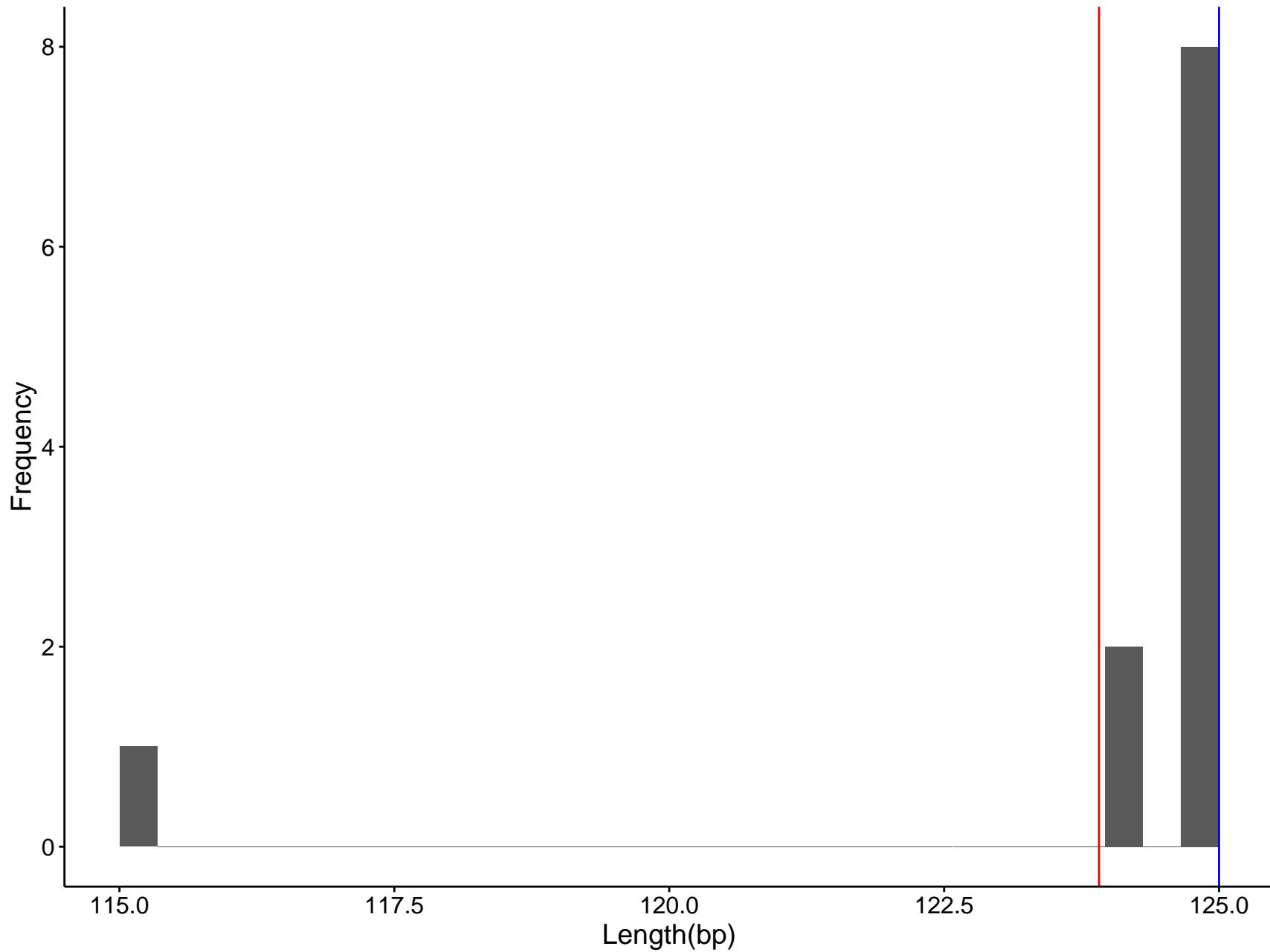
Length(bp)



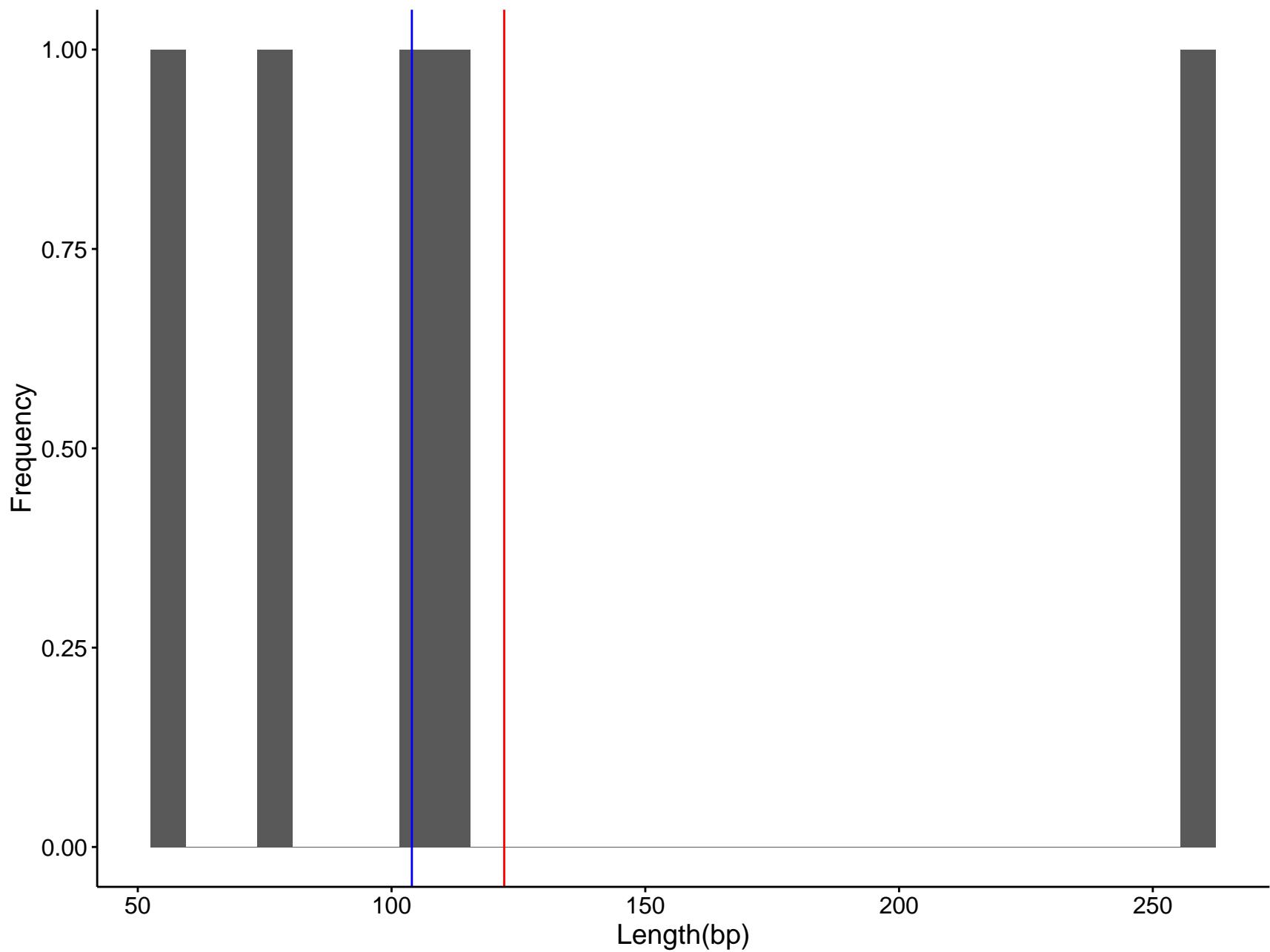
Cluster1301



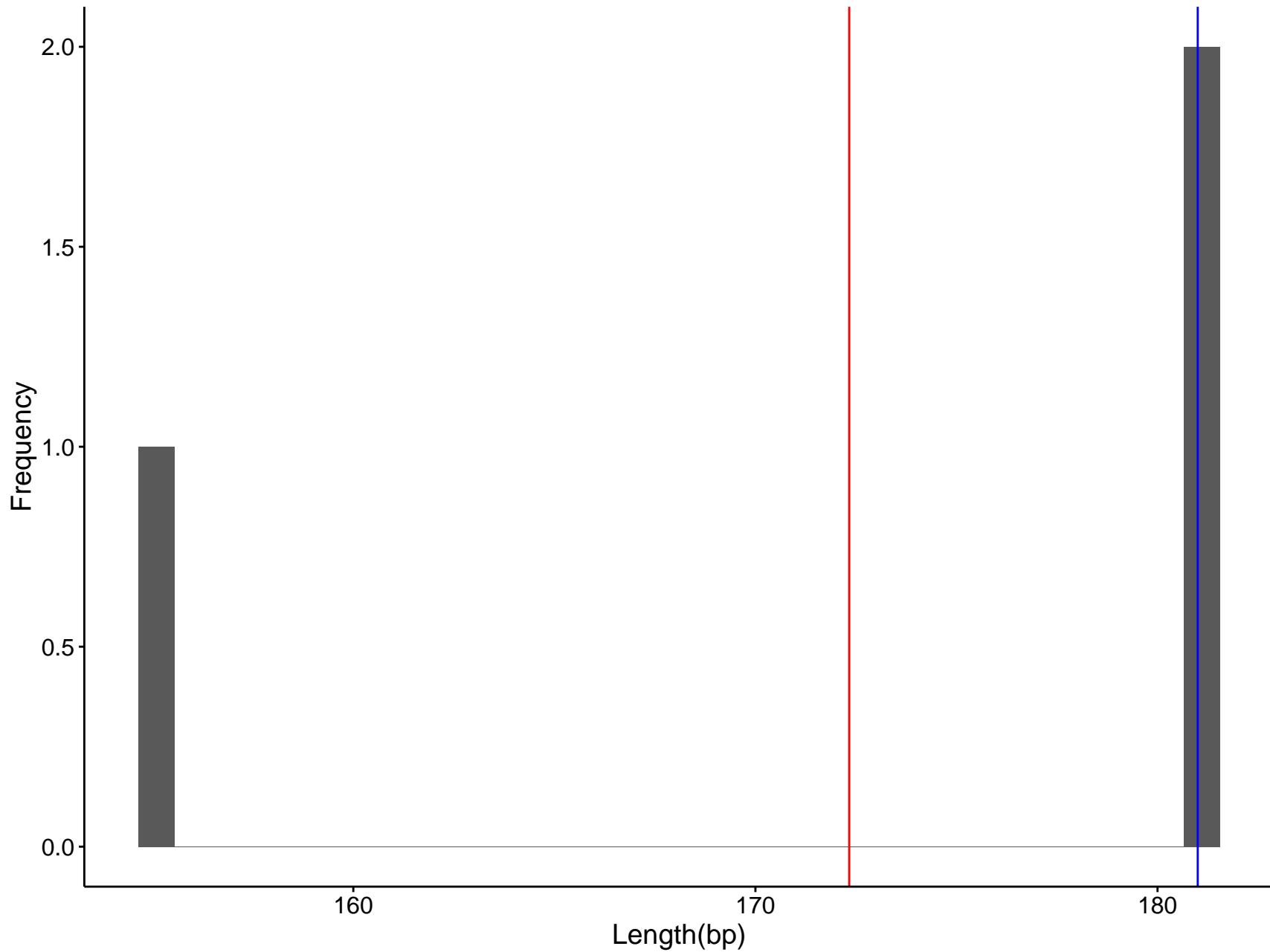
Cluster1302



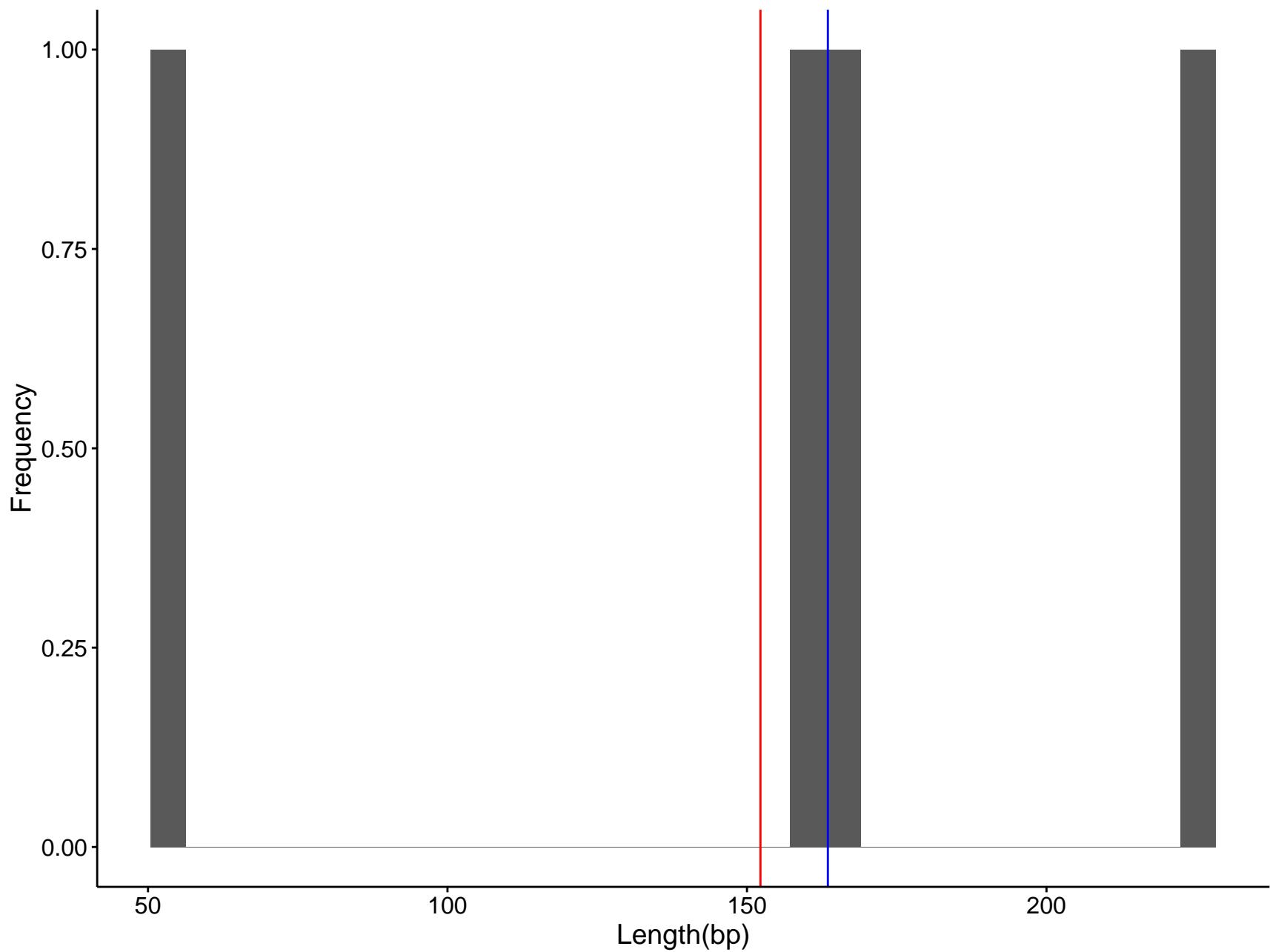
Cluster1307



Cluster130



Cluster1311



Cluster1313

Frequency

119.950

119.975

120.000

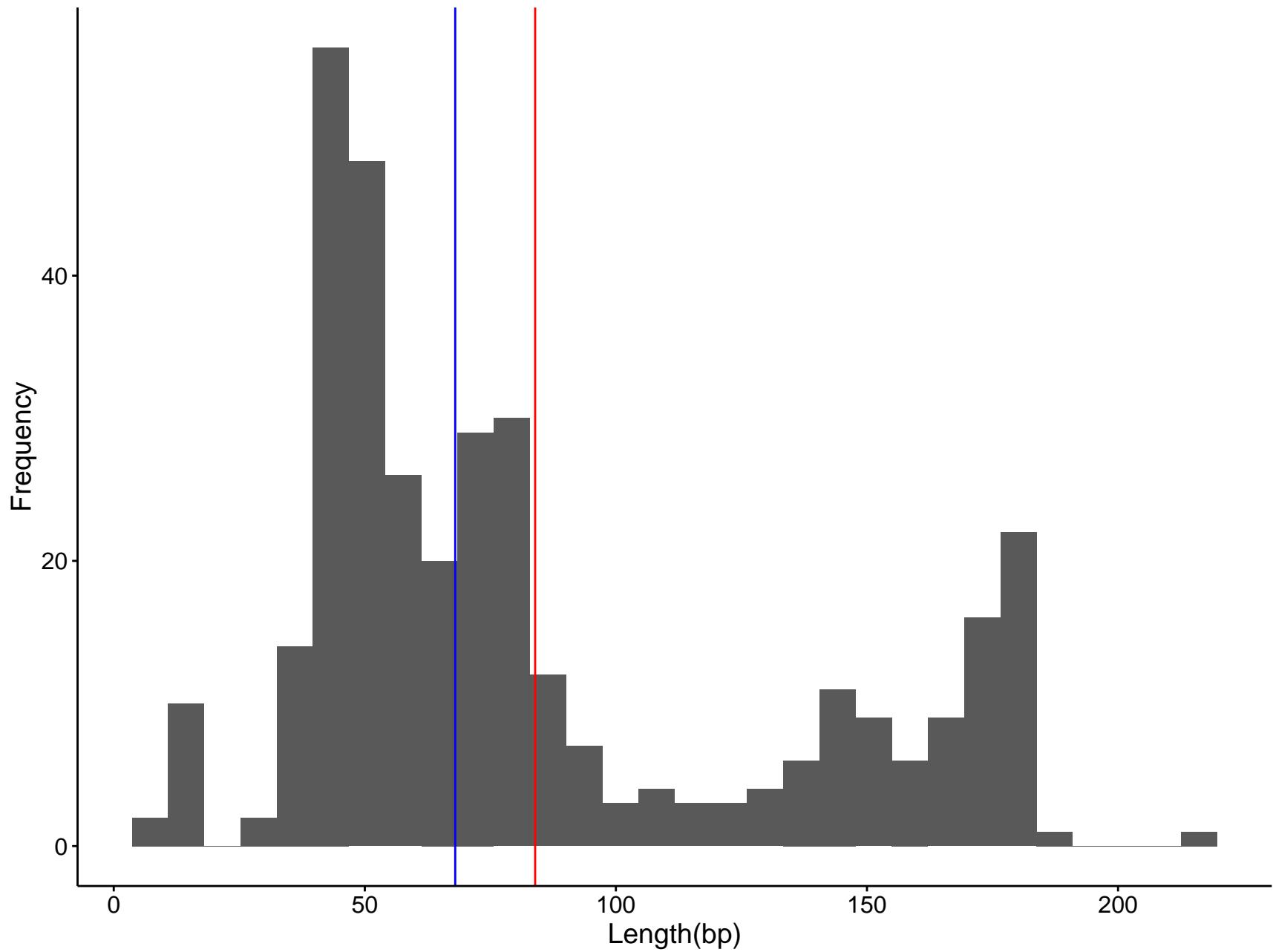
120.025

120.050

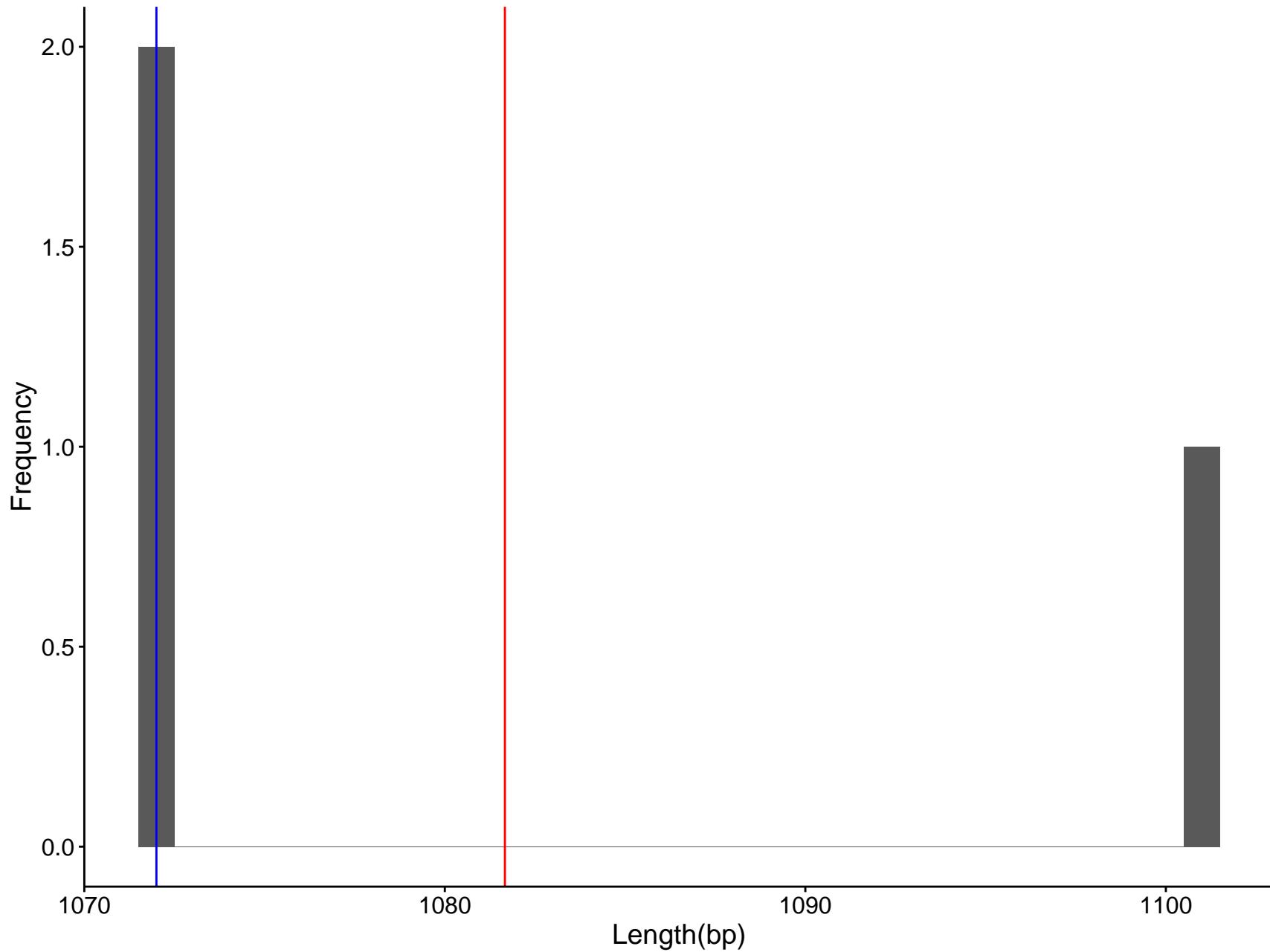
Length(bp)



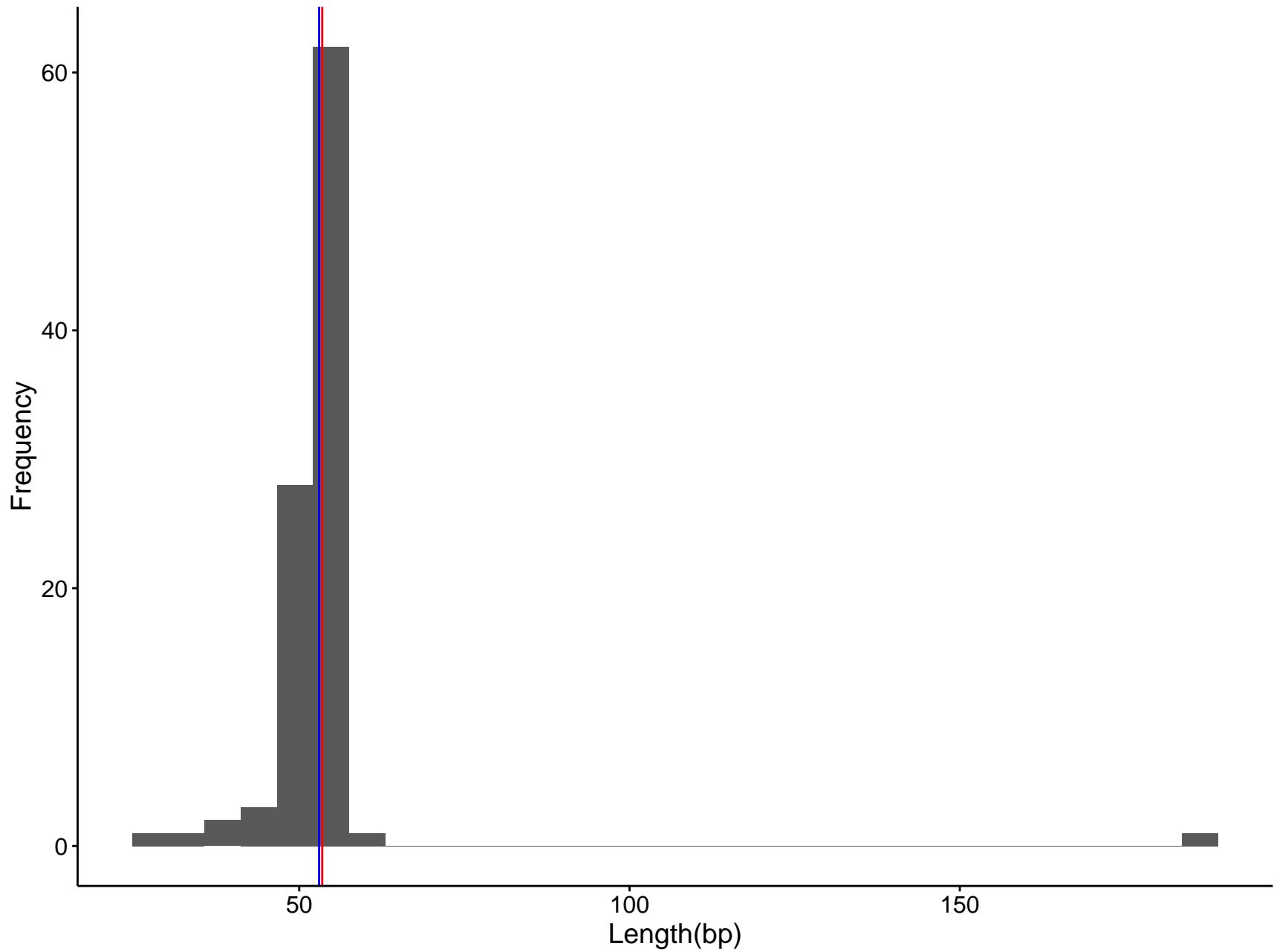
Cluster1319



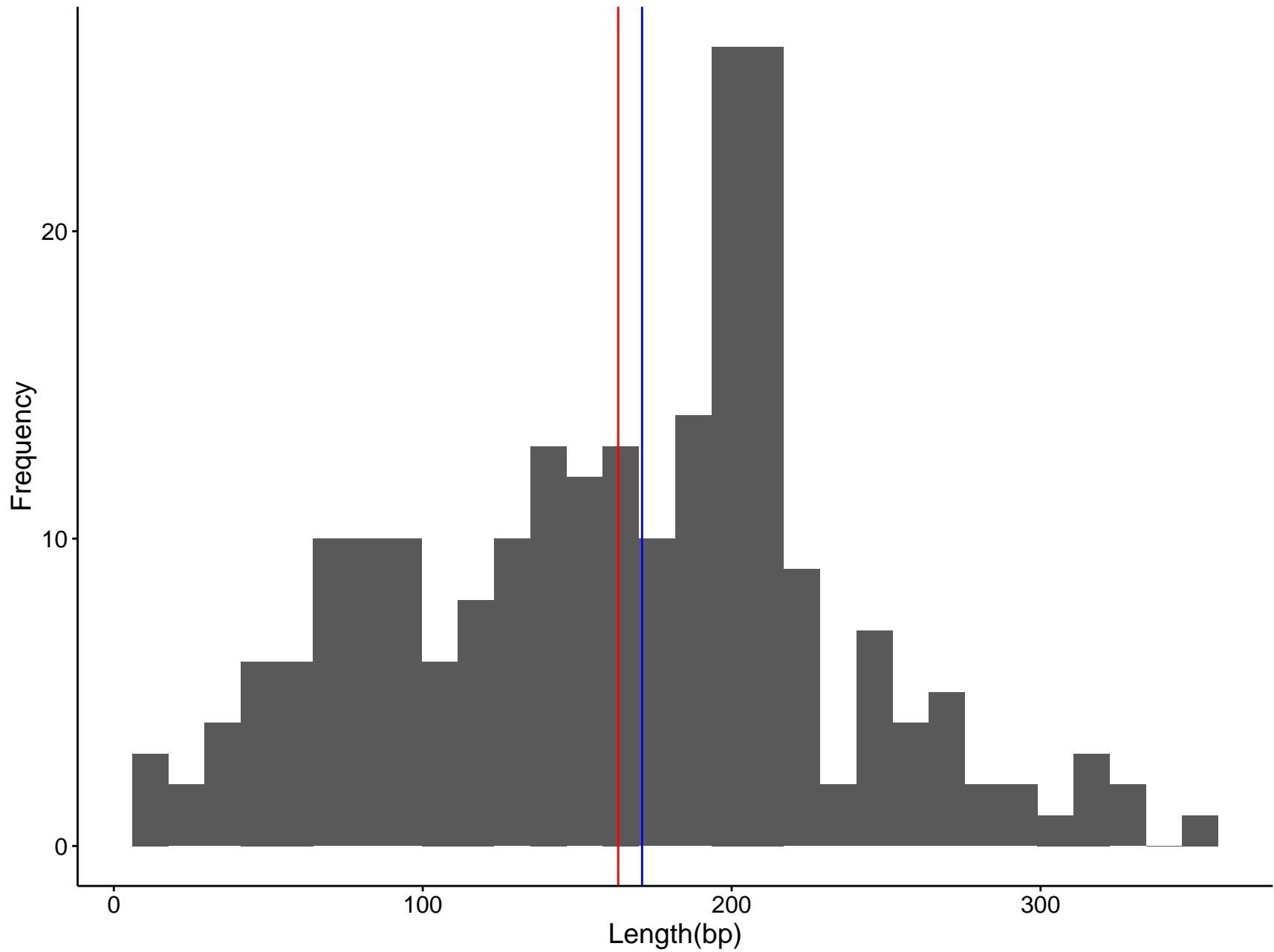
Cluster131



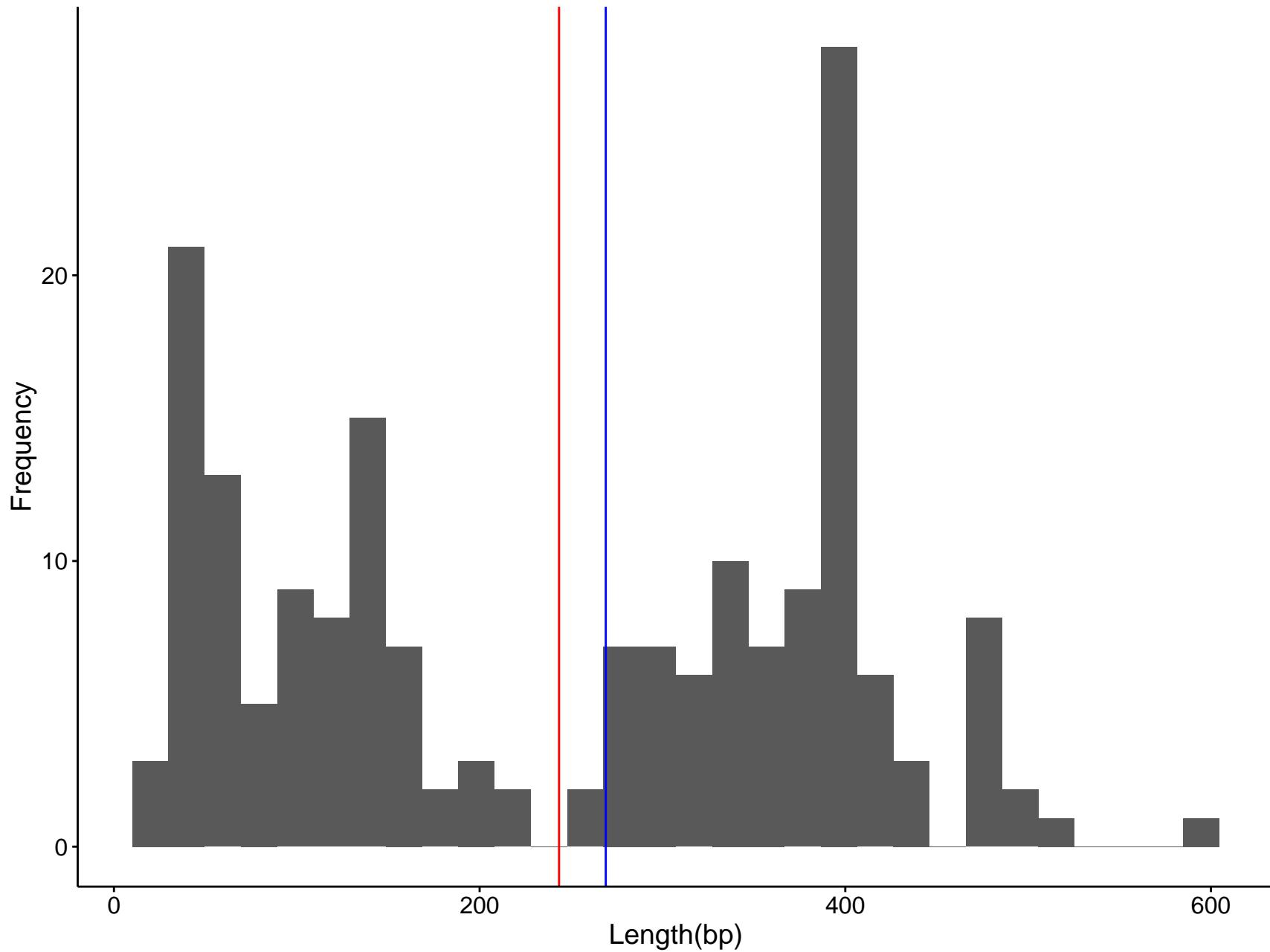
Cluster1320



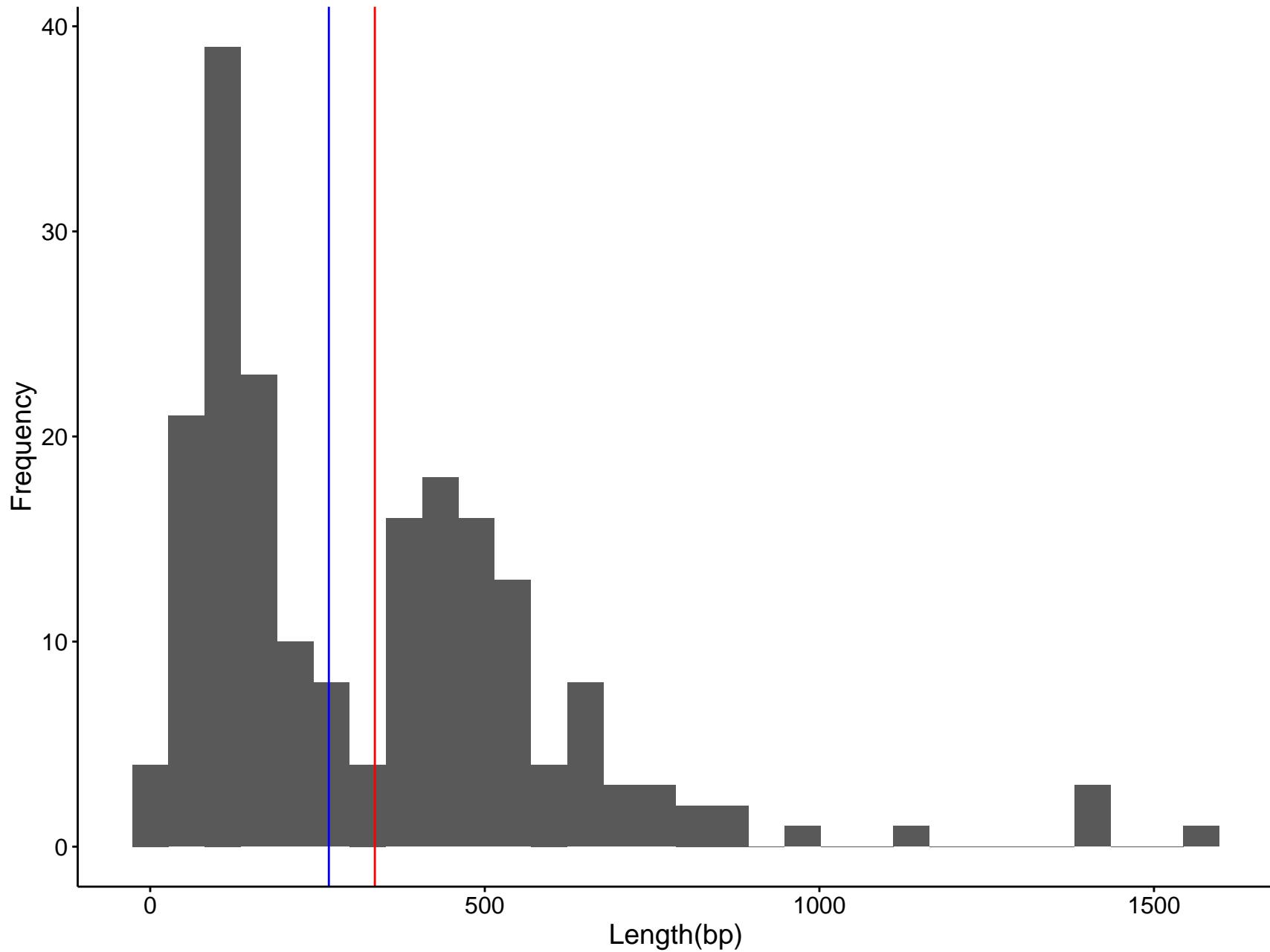
Cluster1321



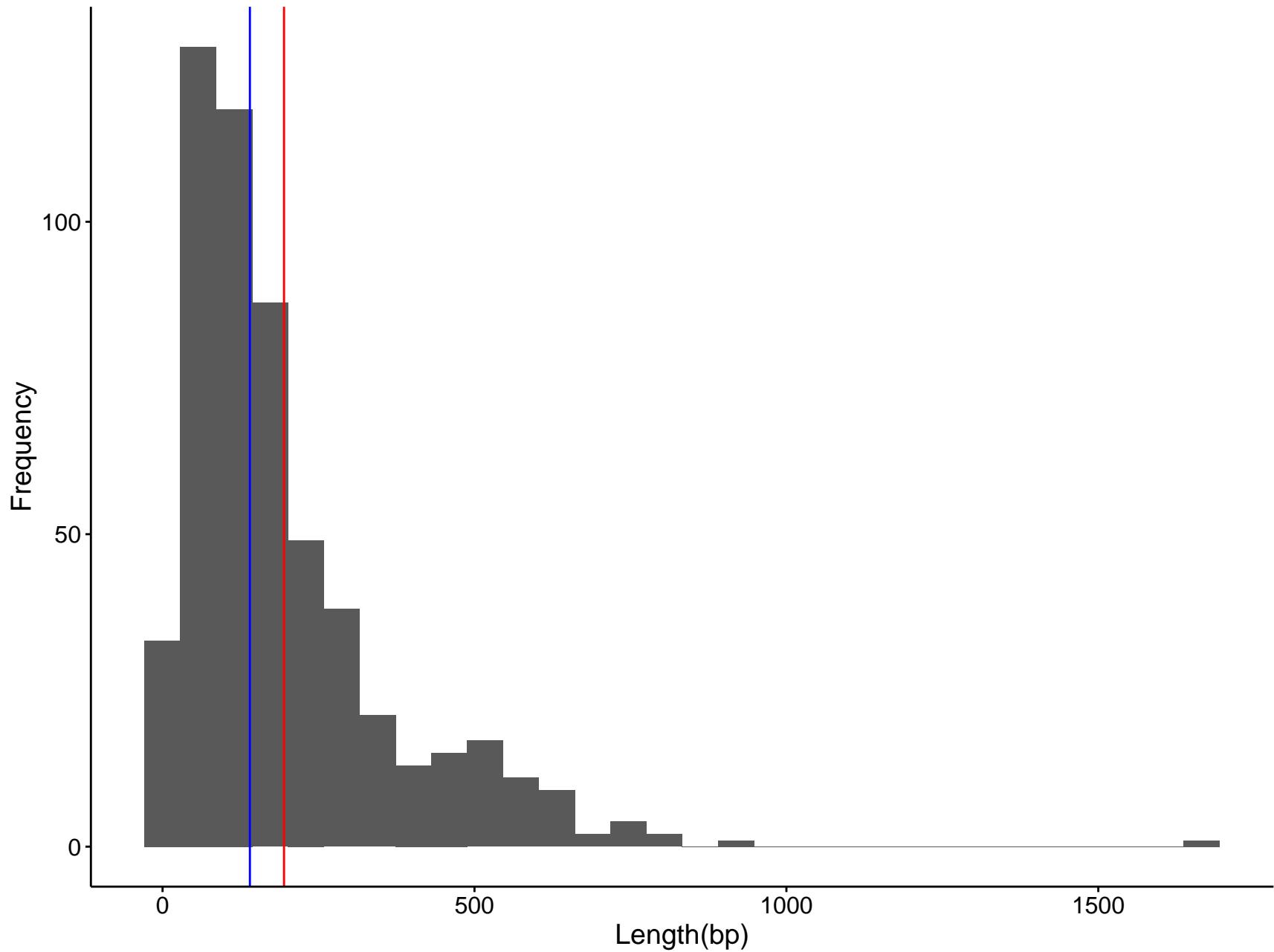
Cluster1322



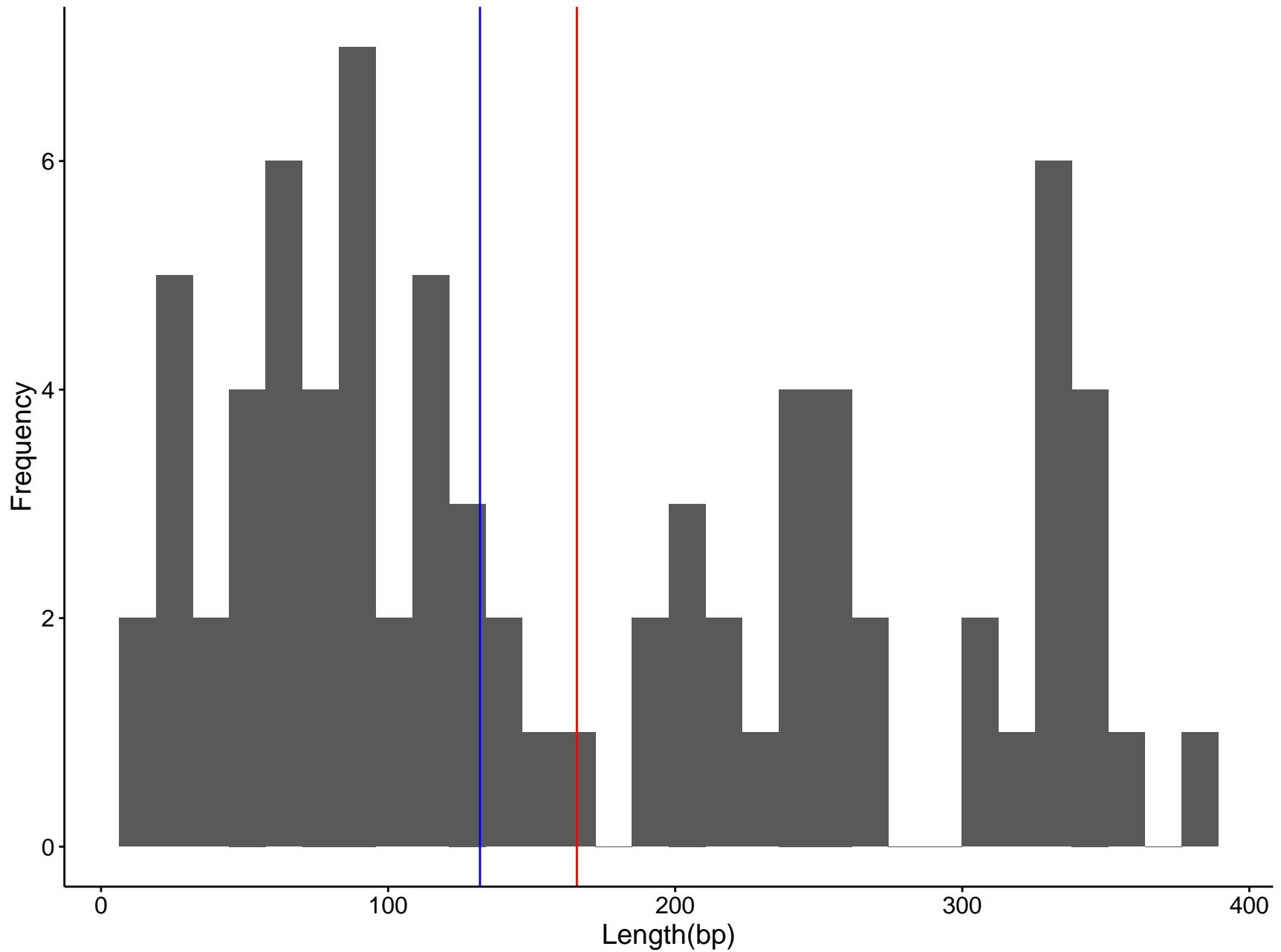
Cluster1323



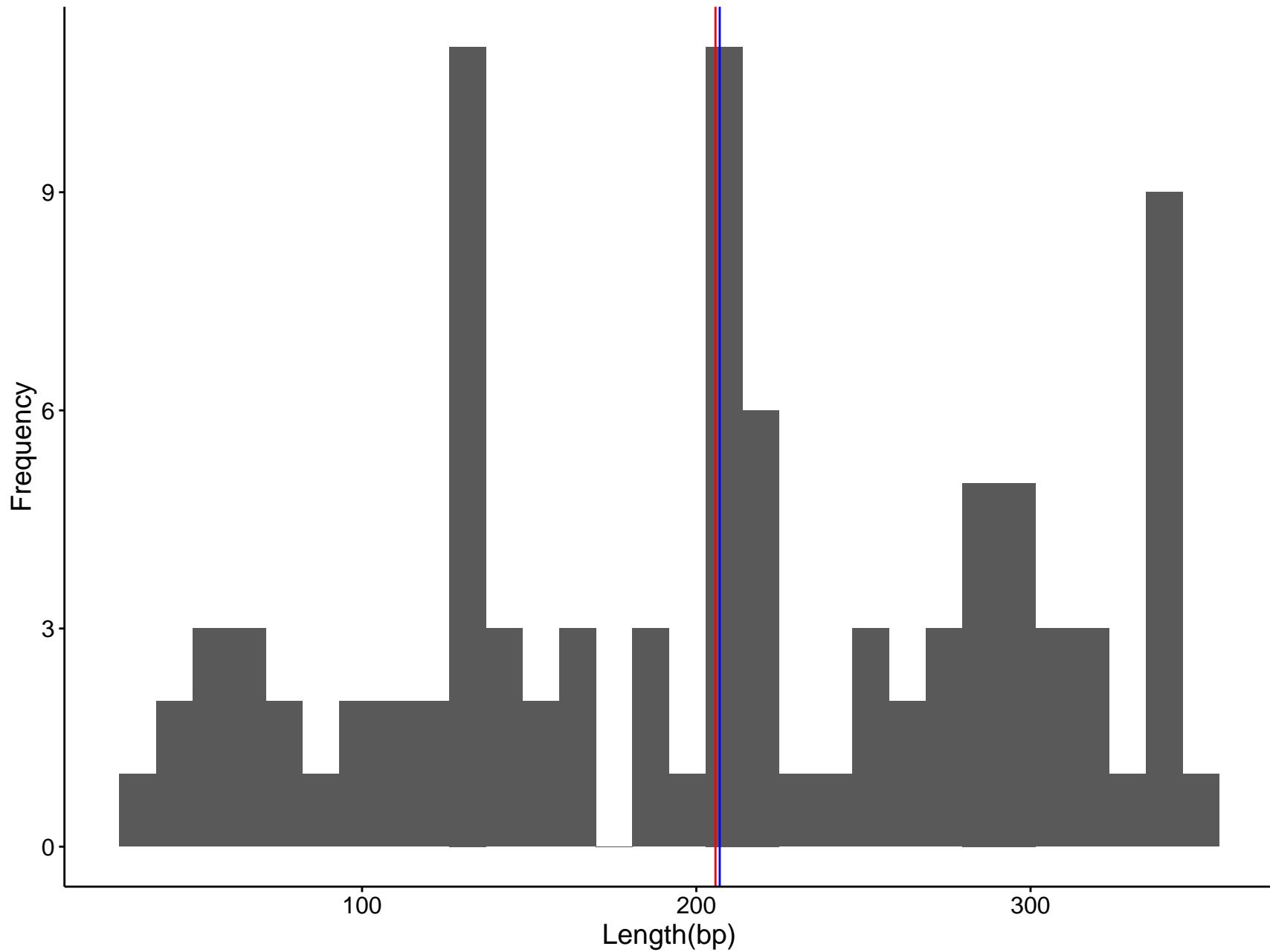
Cluster1324



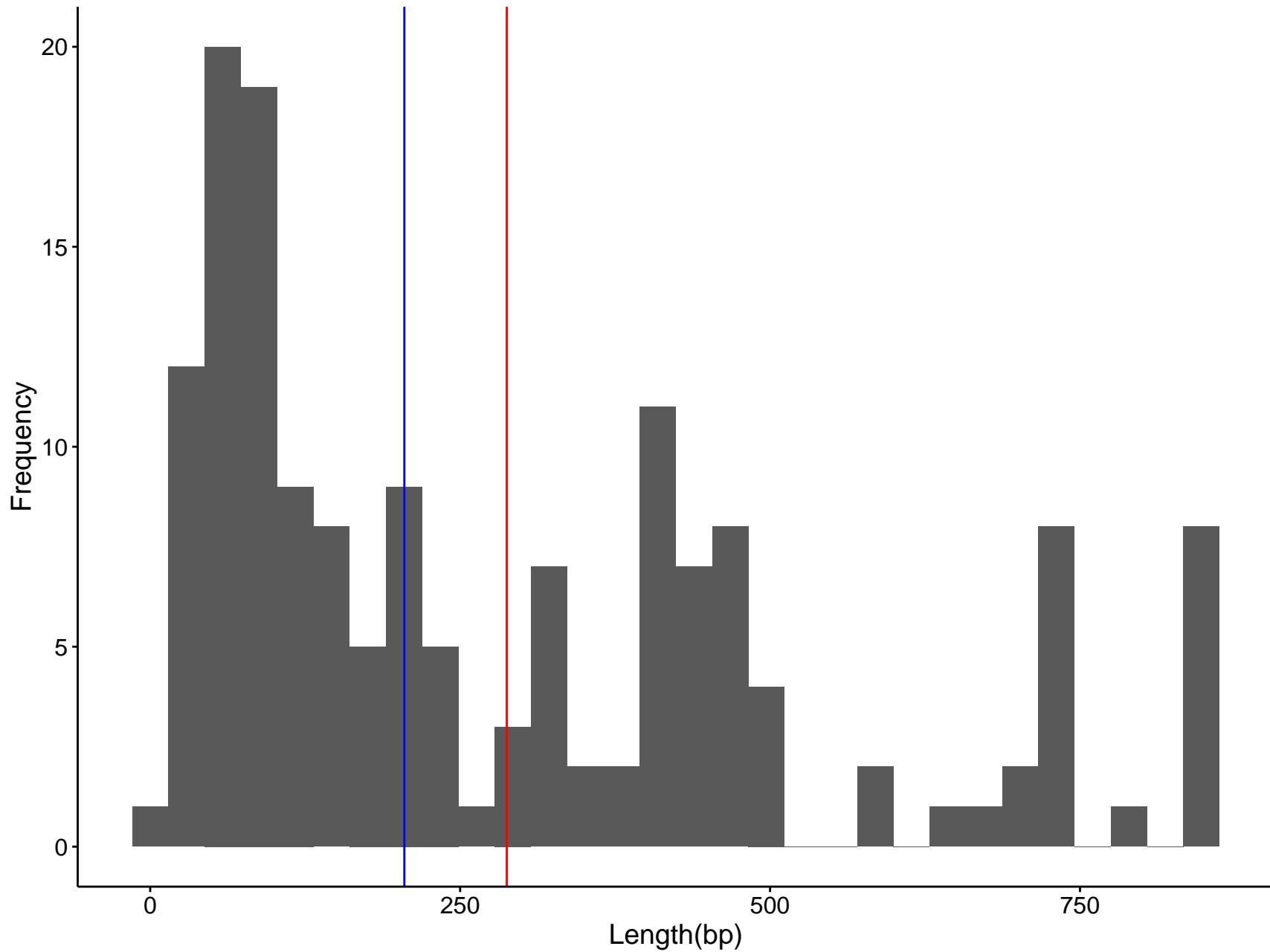
Cluster1325



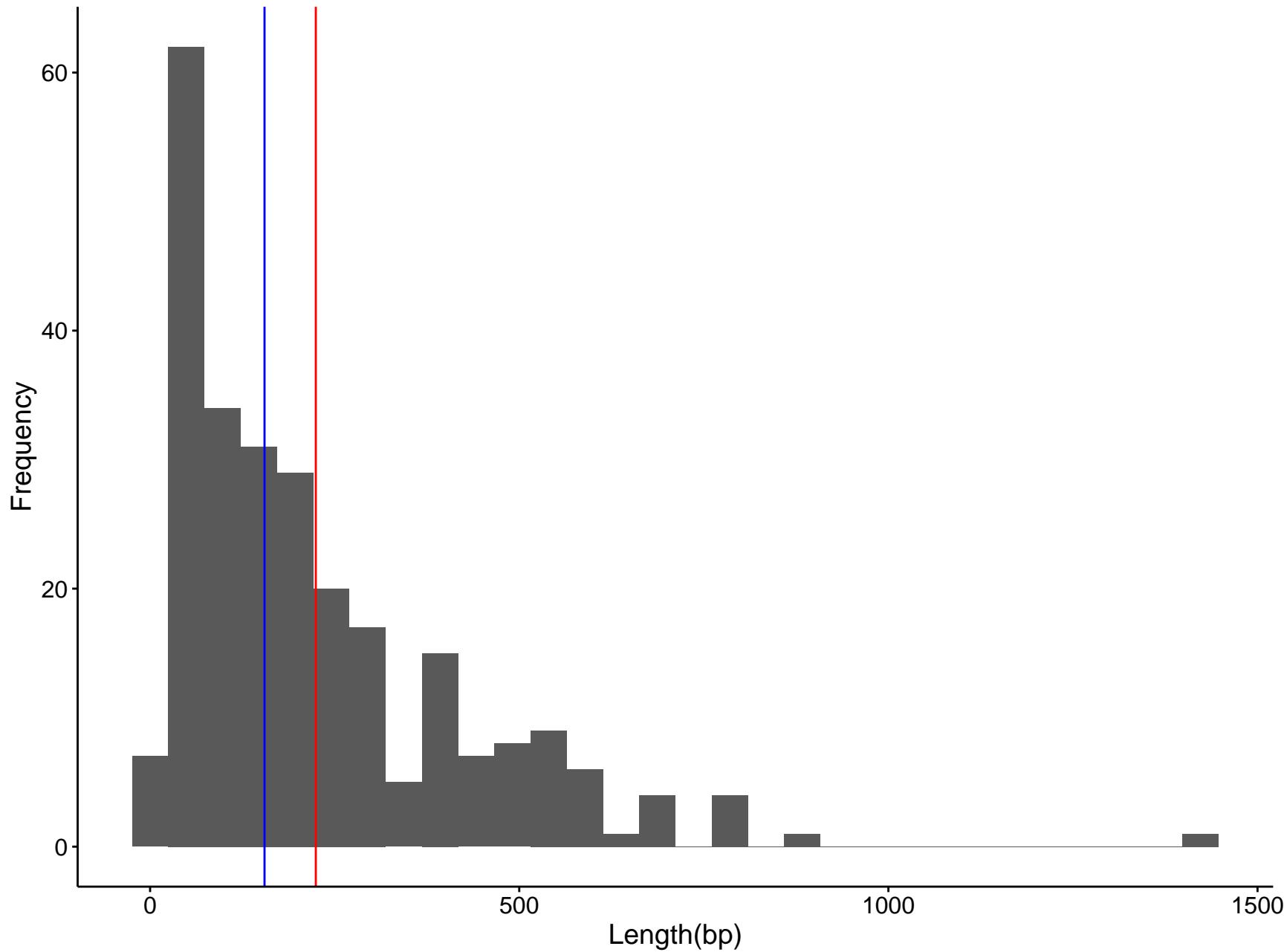
Cluster1326



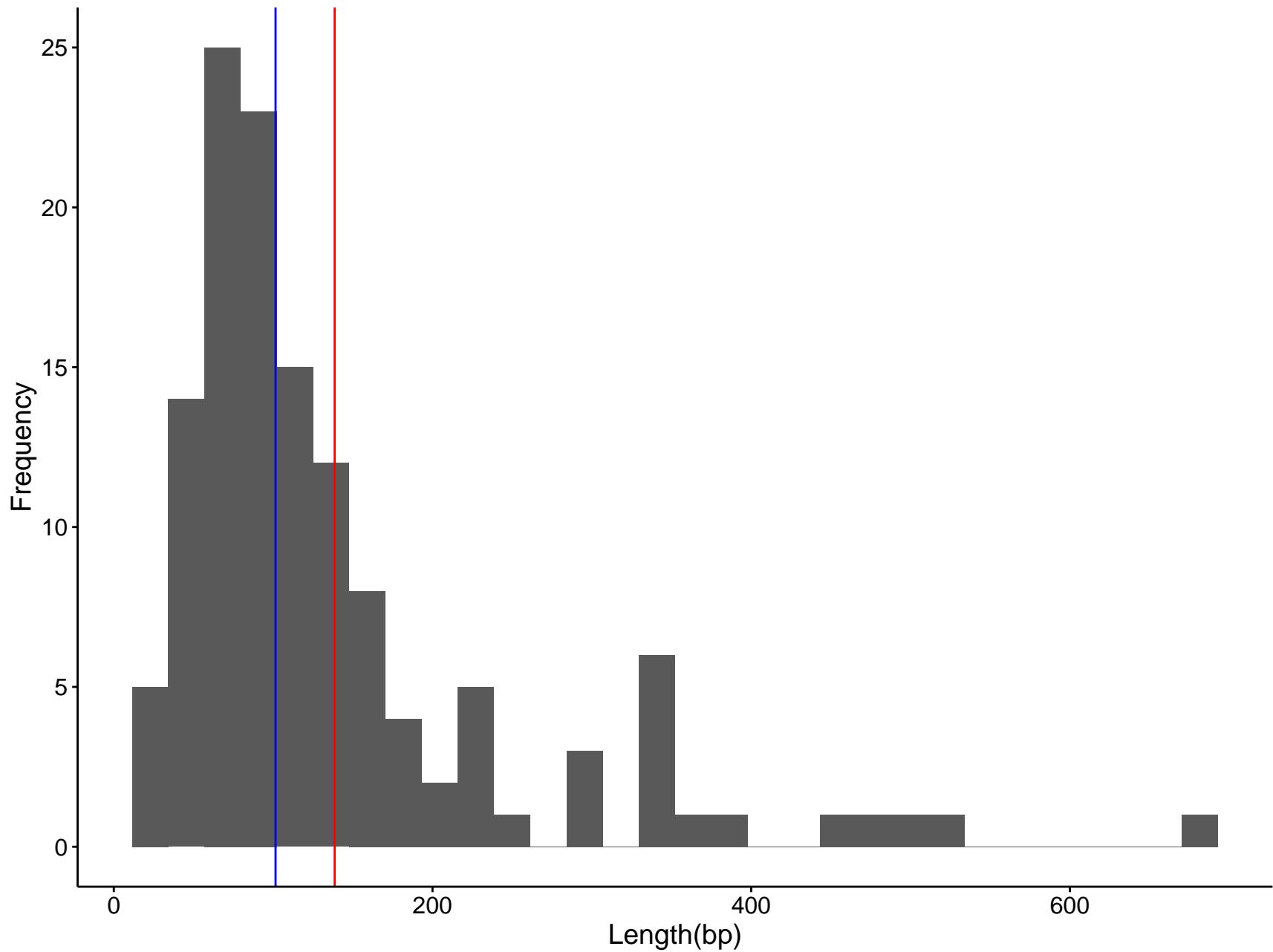
Cluster1327



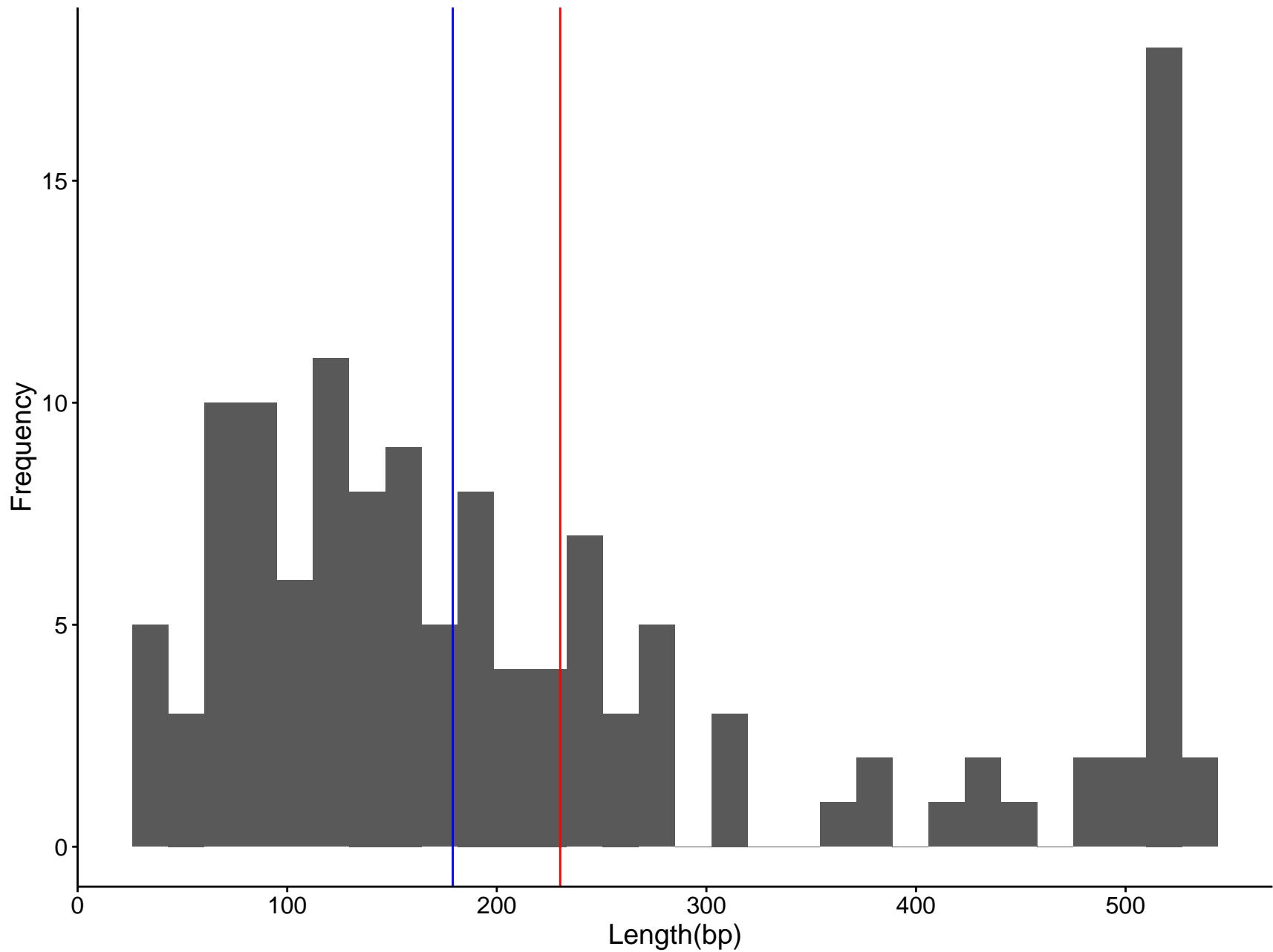
Cluster1328



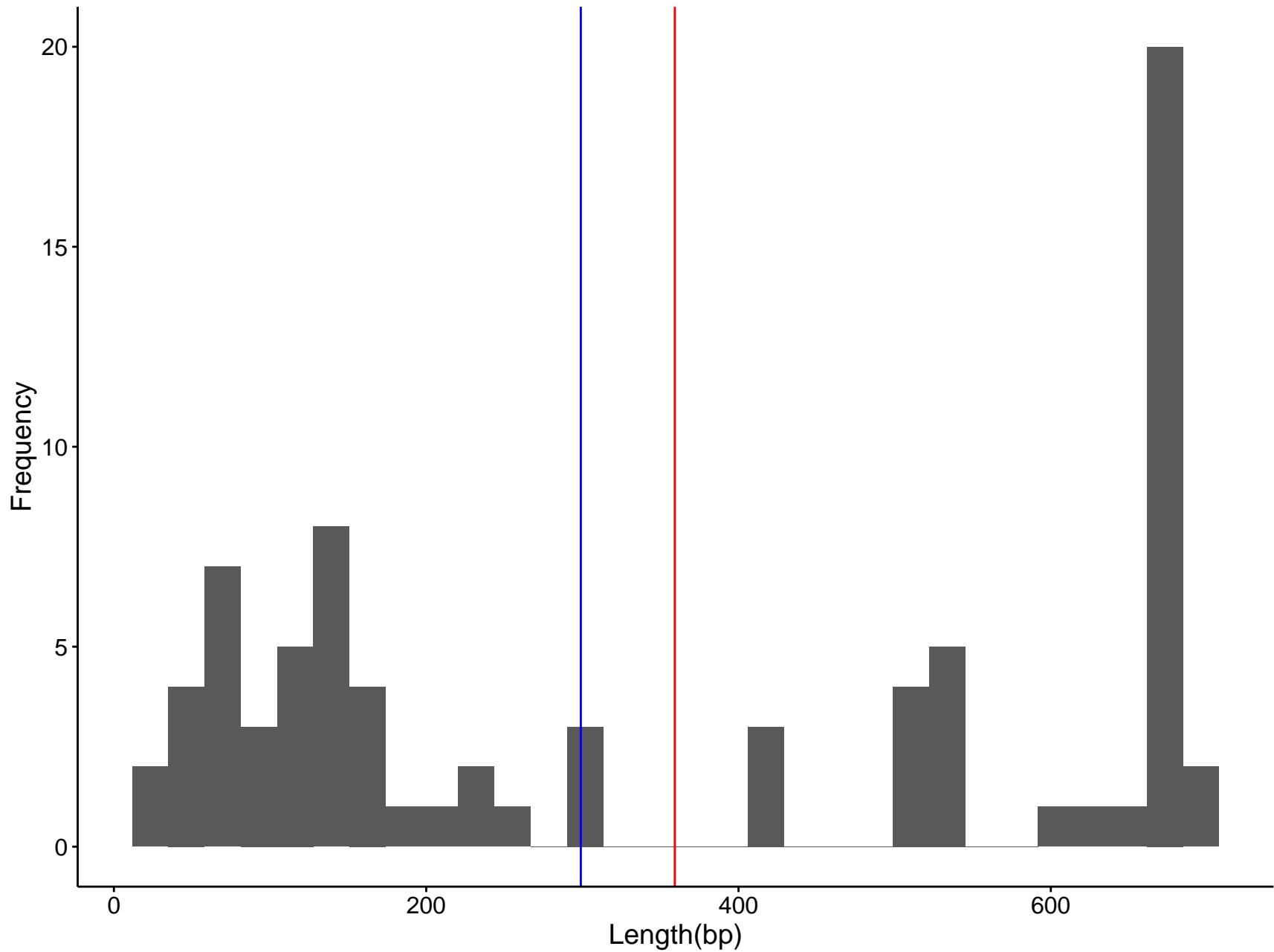
Cluster1329



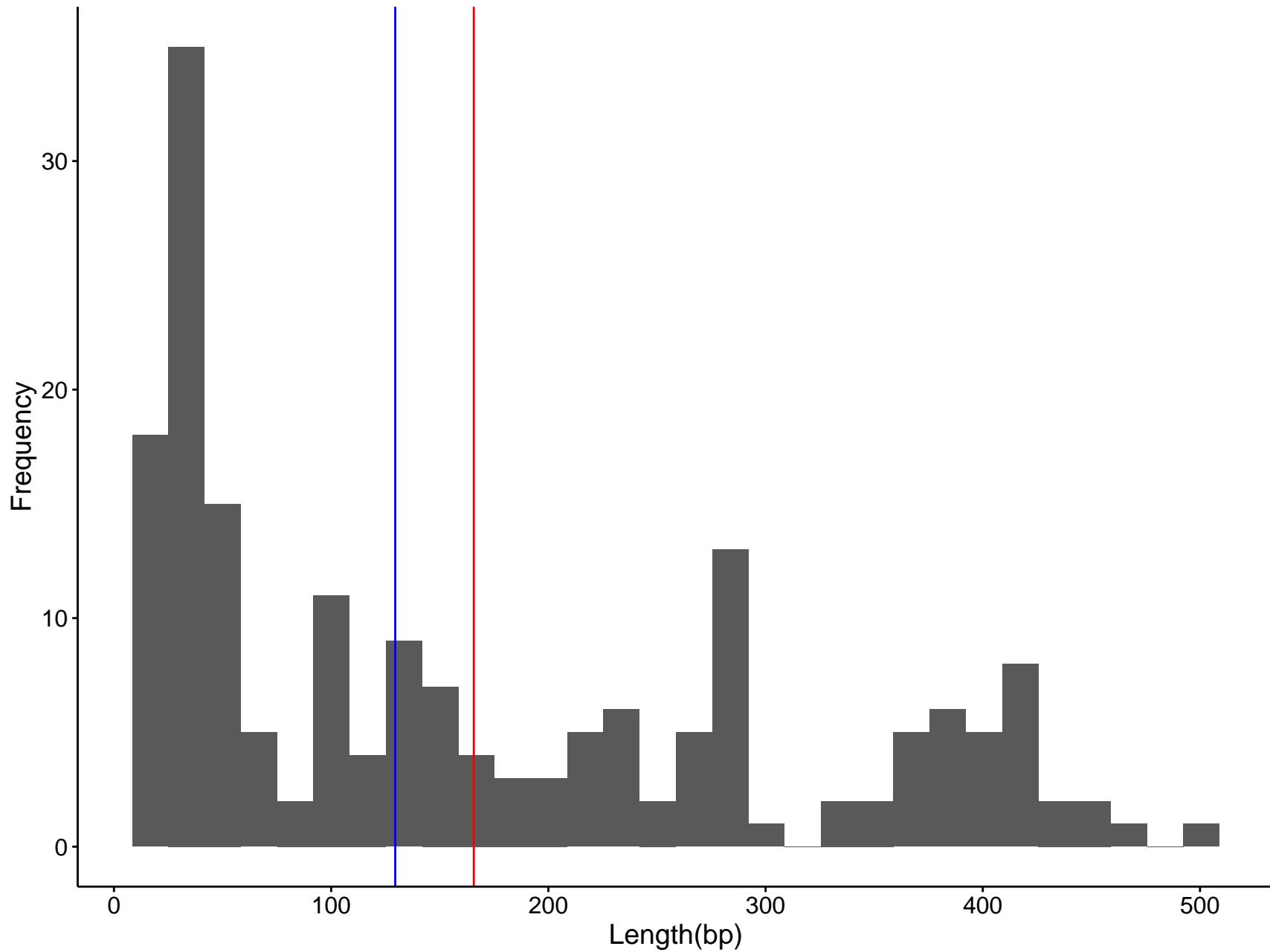
Cluster1330



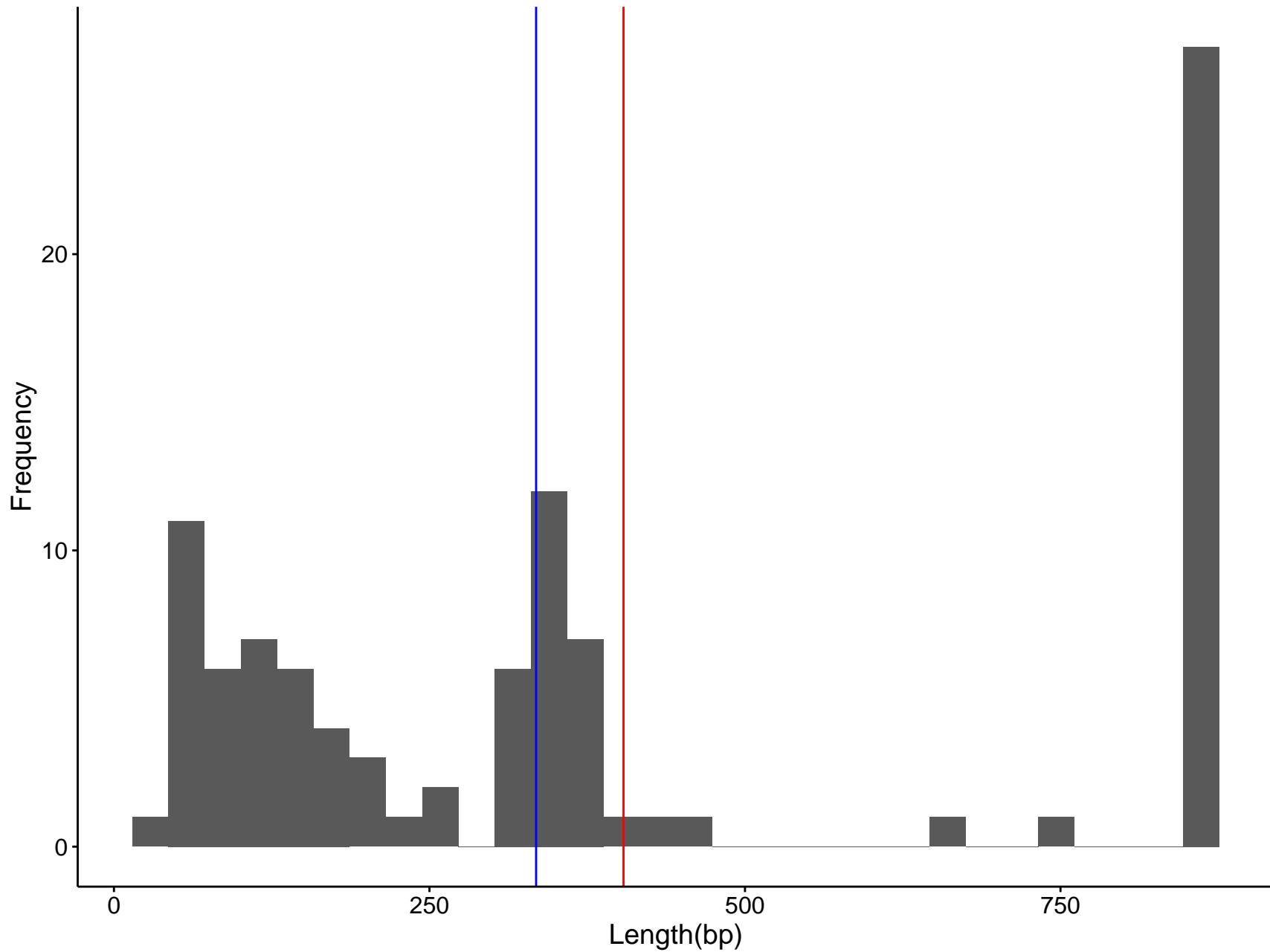
Cluster1331



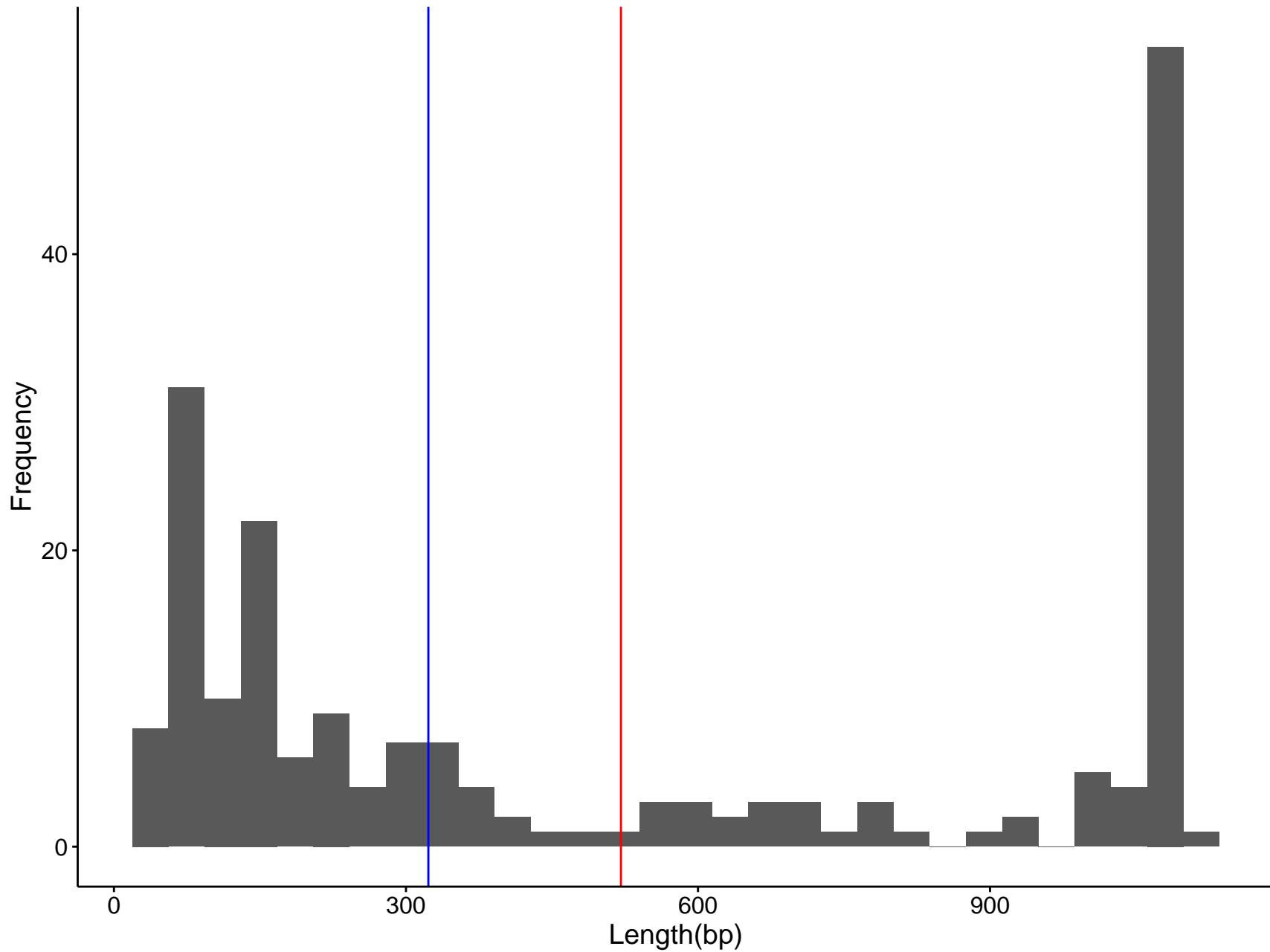
Cluster1332



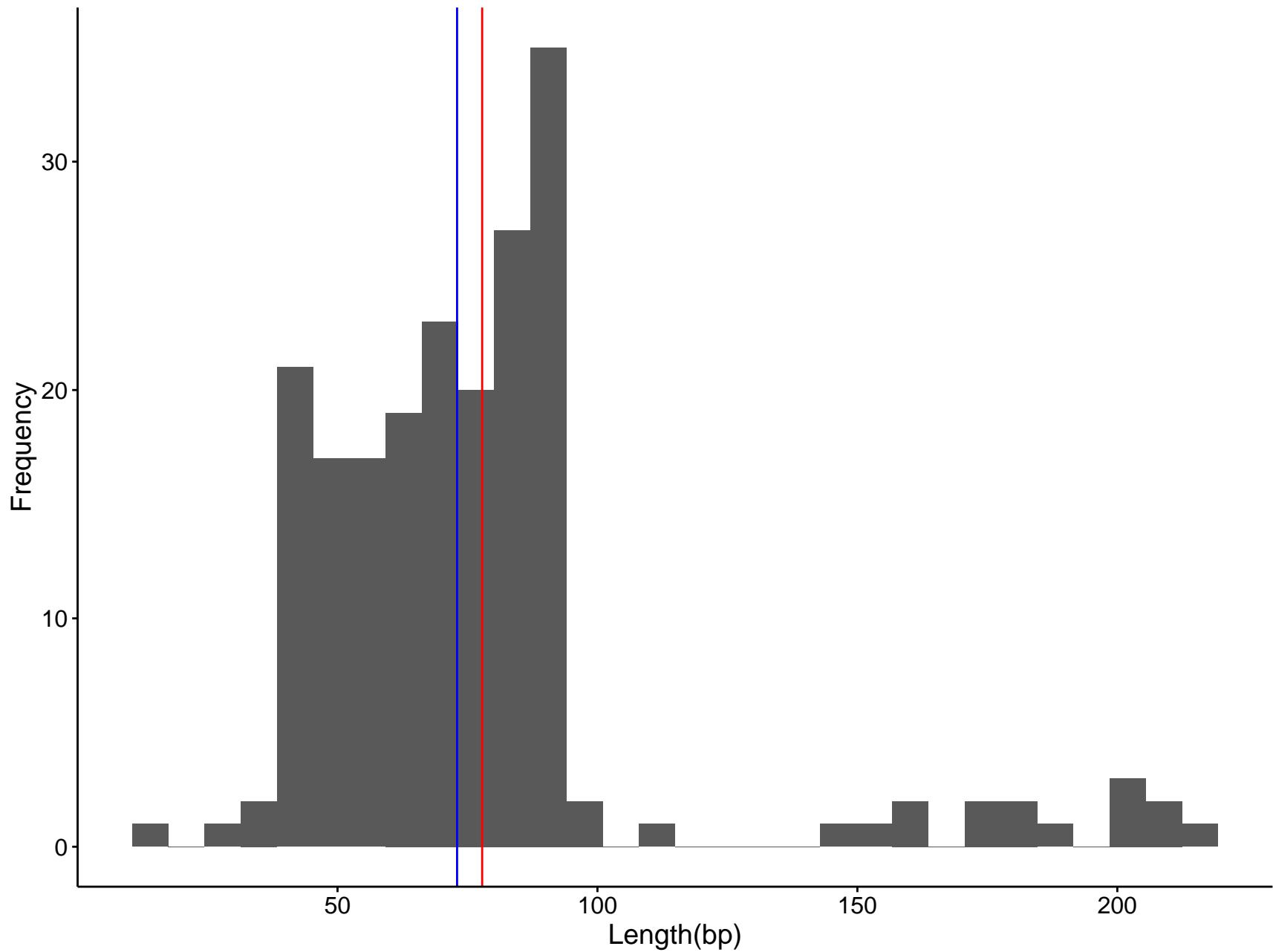
Cluster1333



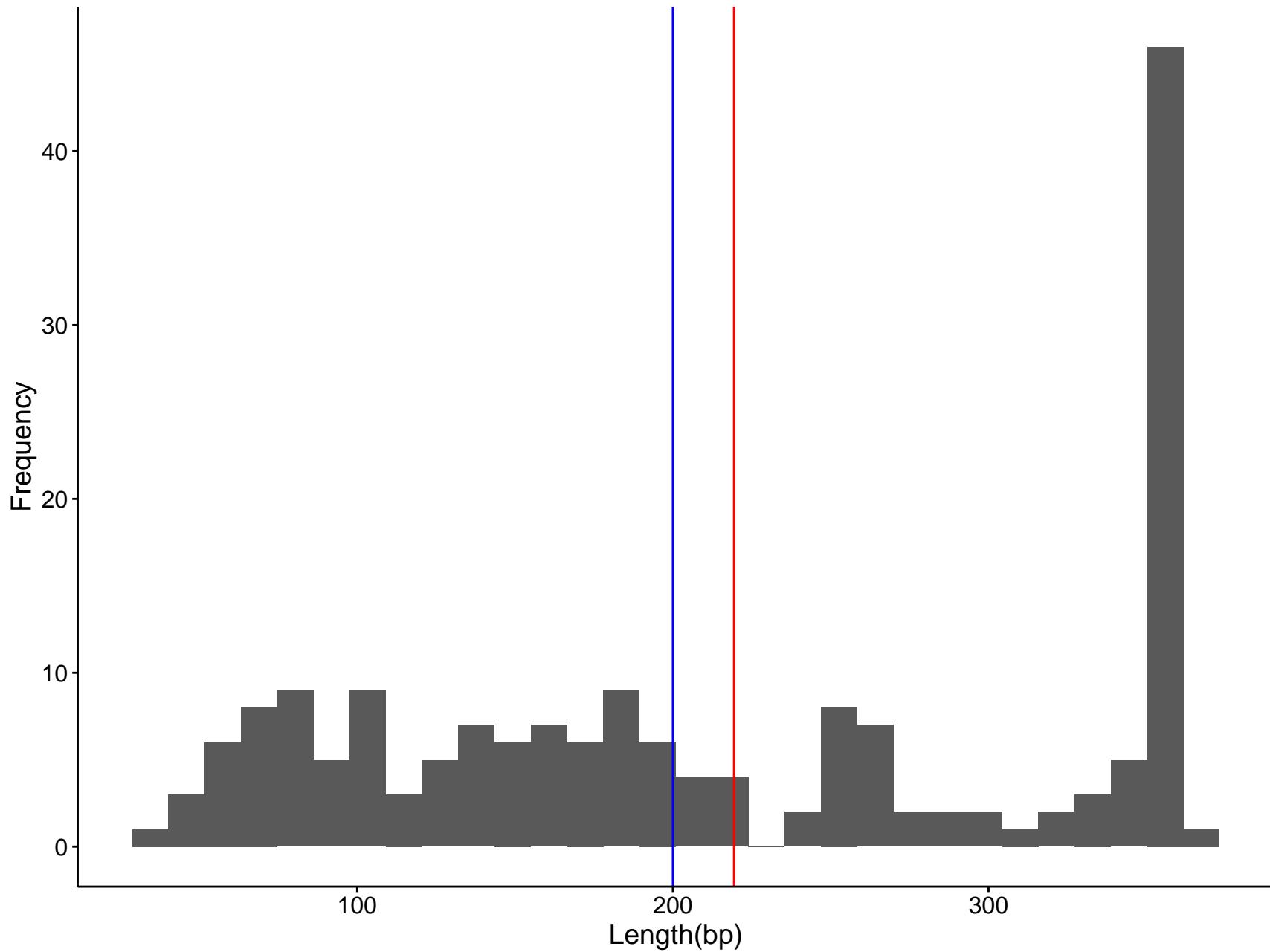
Cluster1334



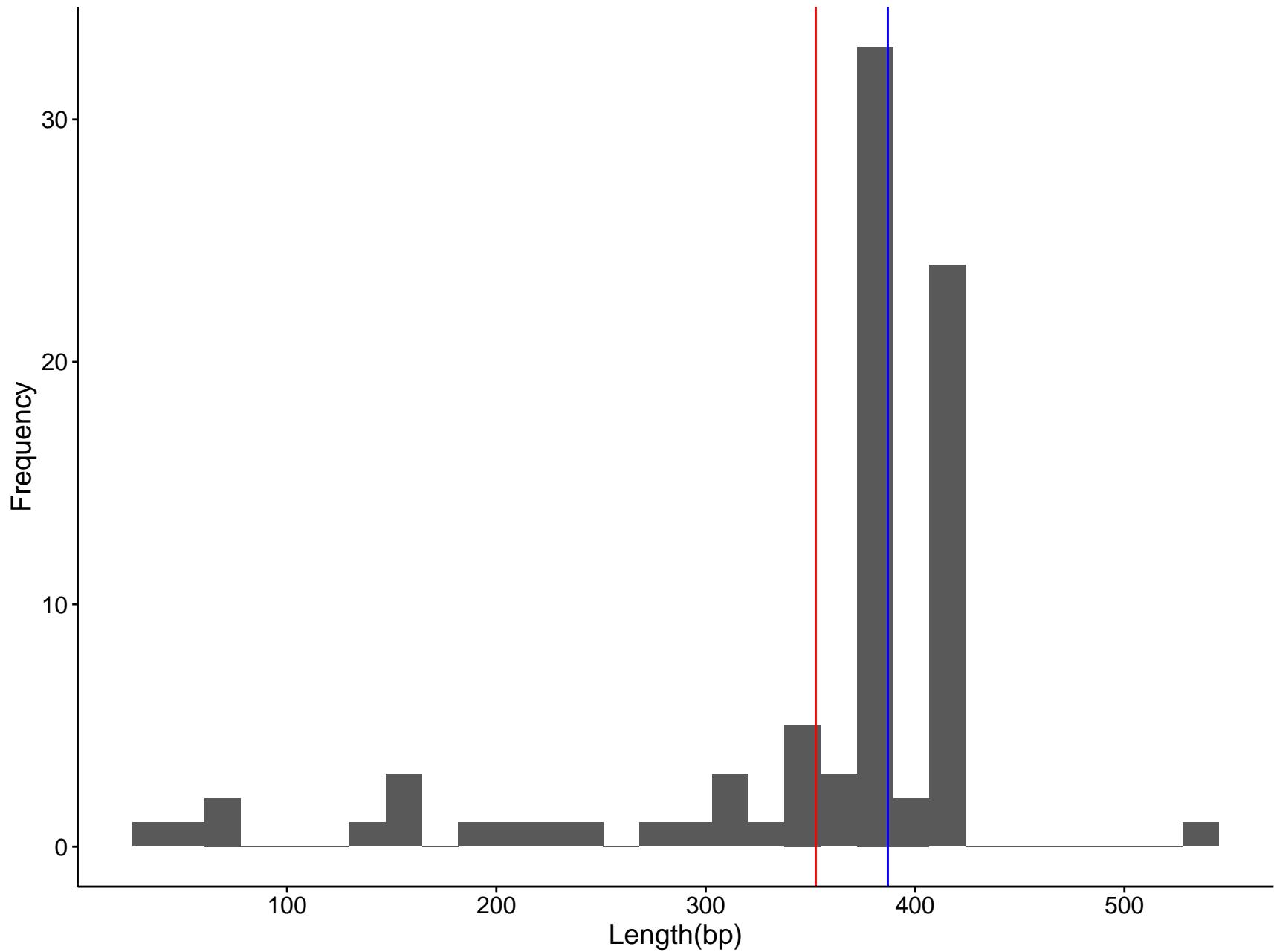
Cluster1336



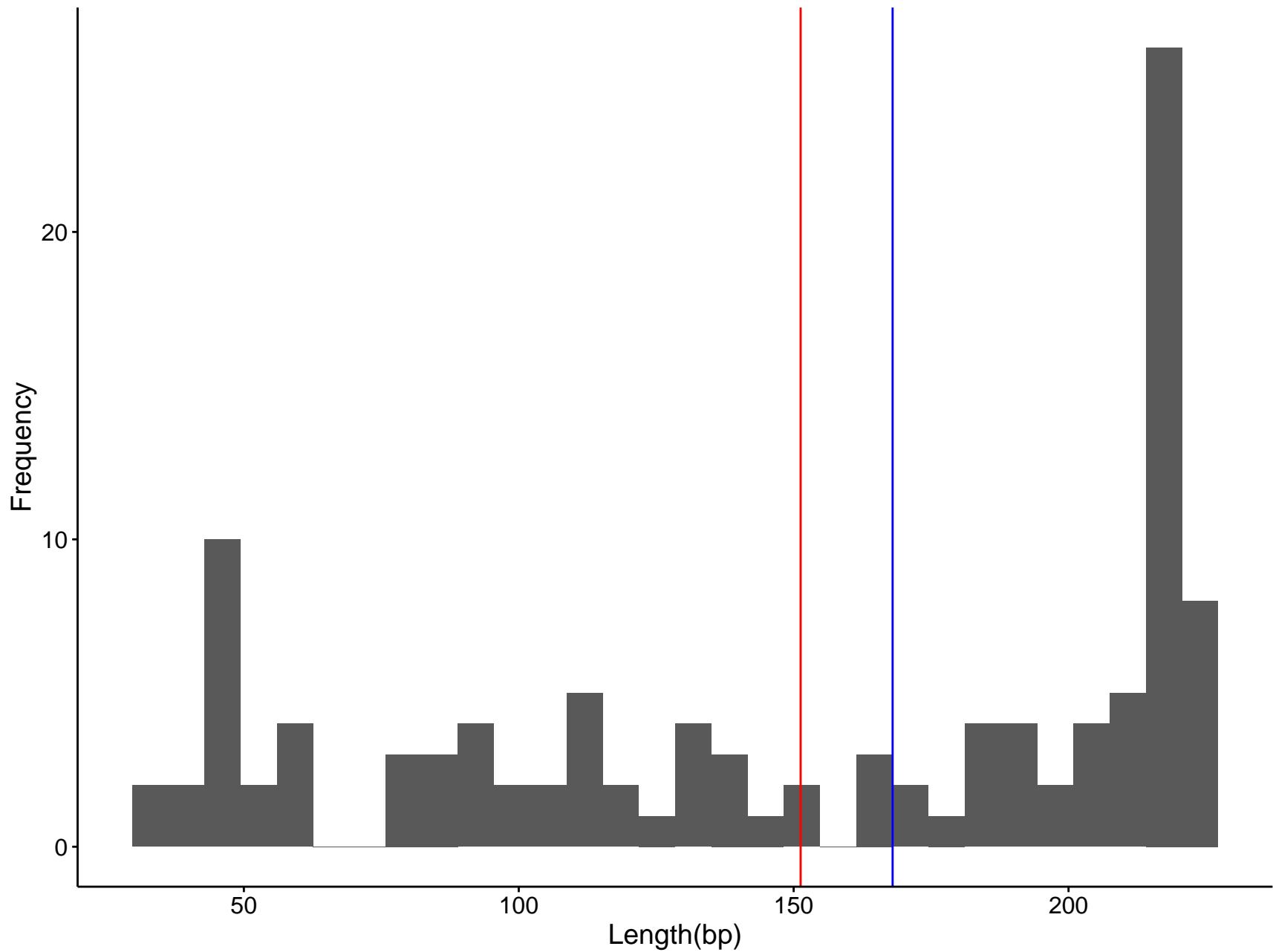
Cluster1337



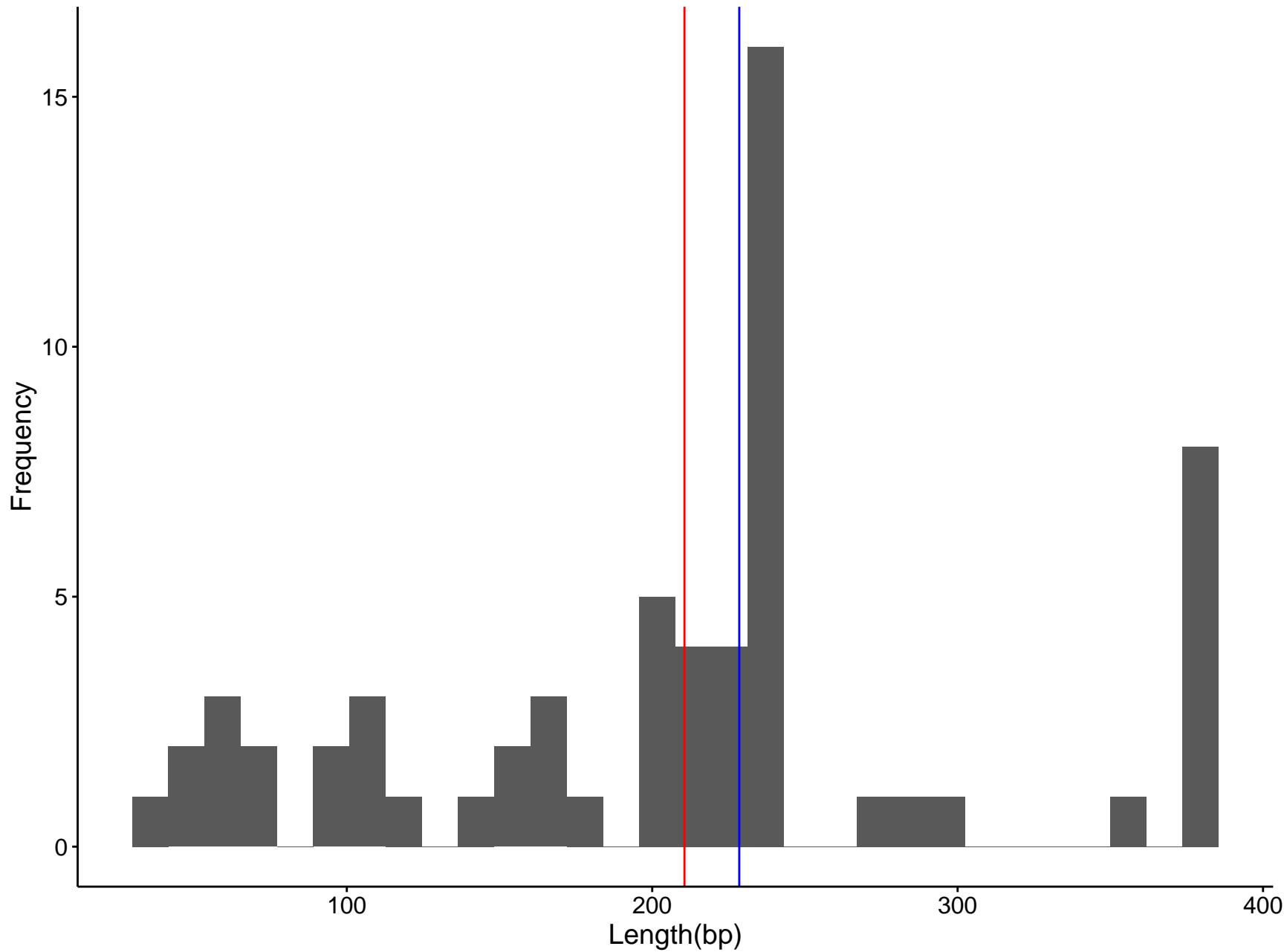
Cluster1338



Cluster1339



Cluster1340



Cluster1341

Frequency

86.950

86.975

87.000

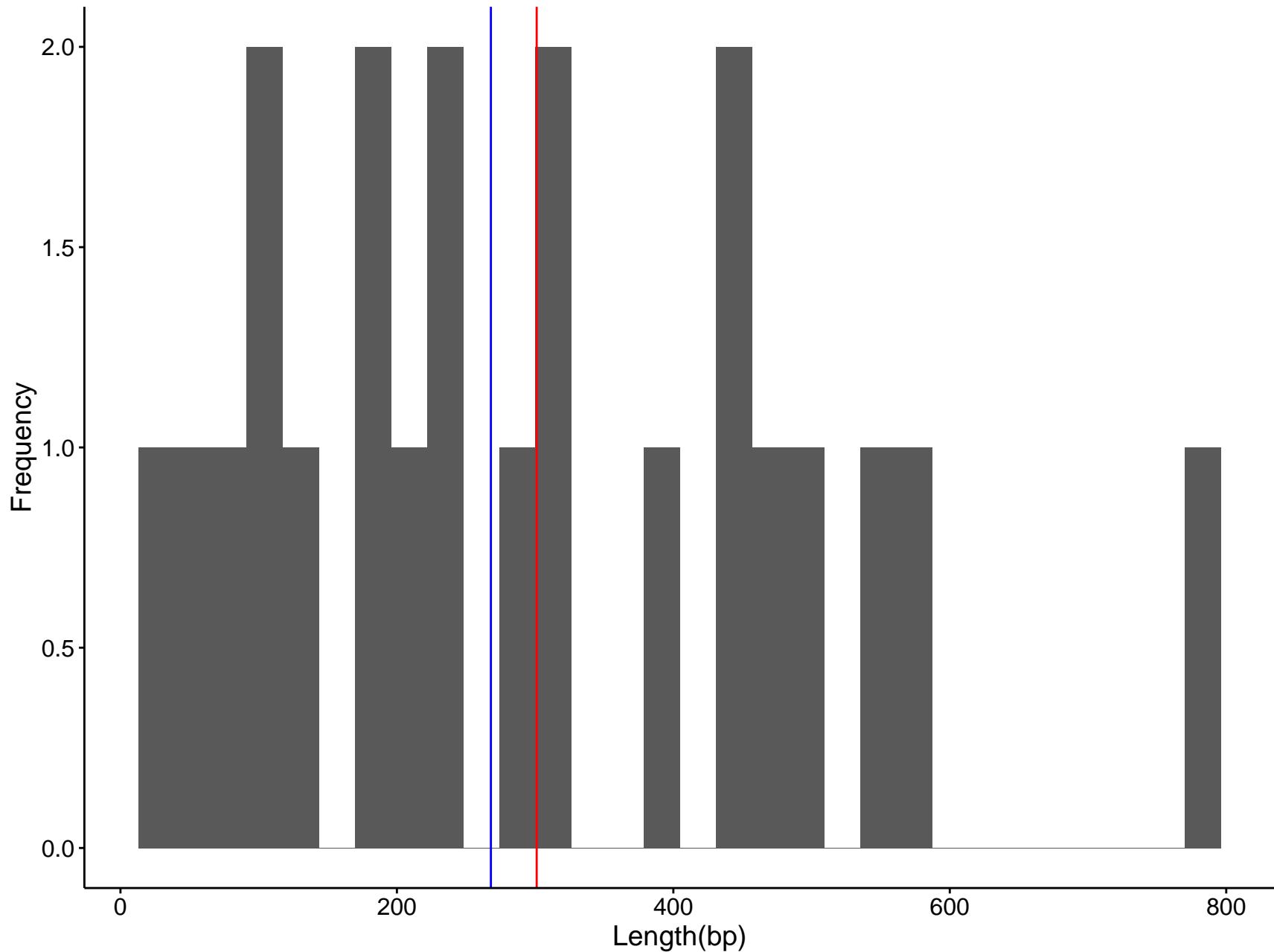
87.025

87.0

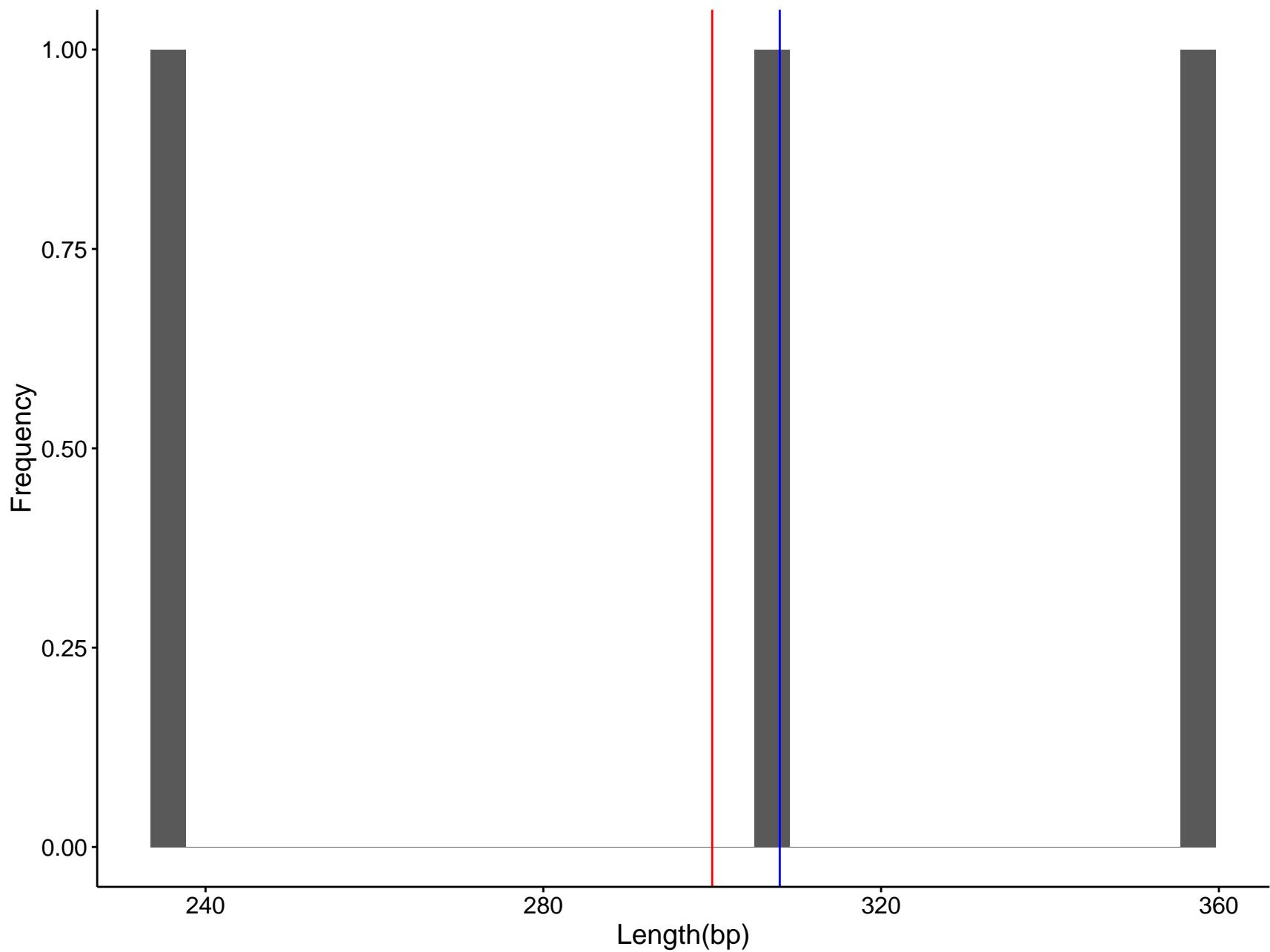
Length(bp)



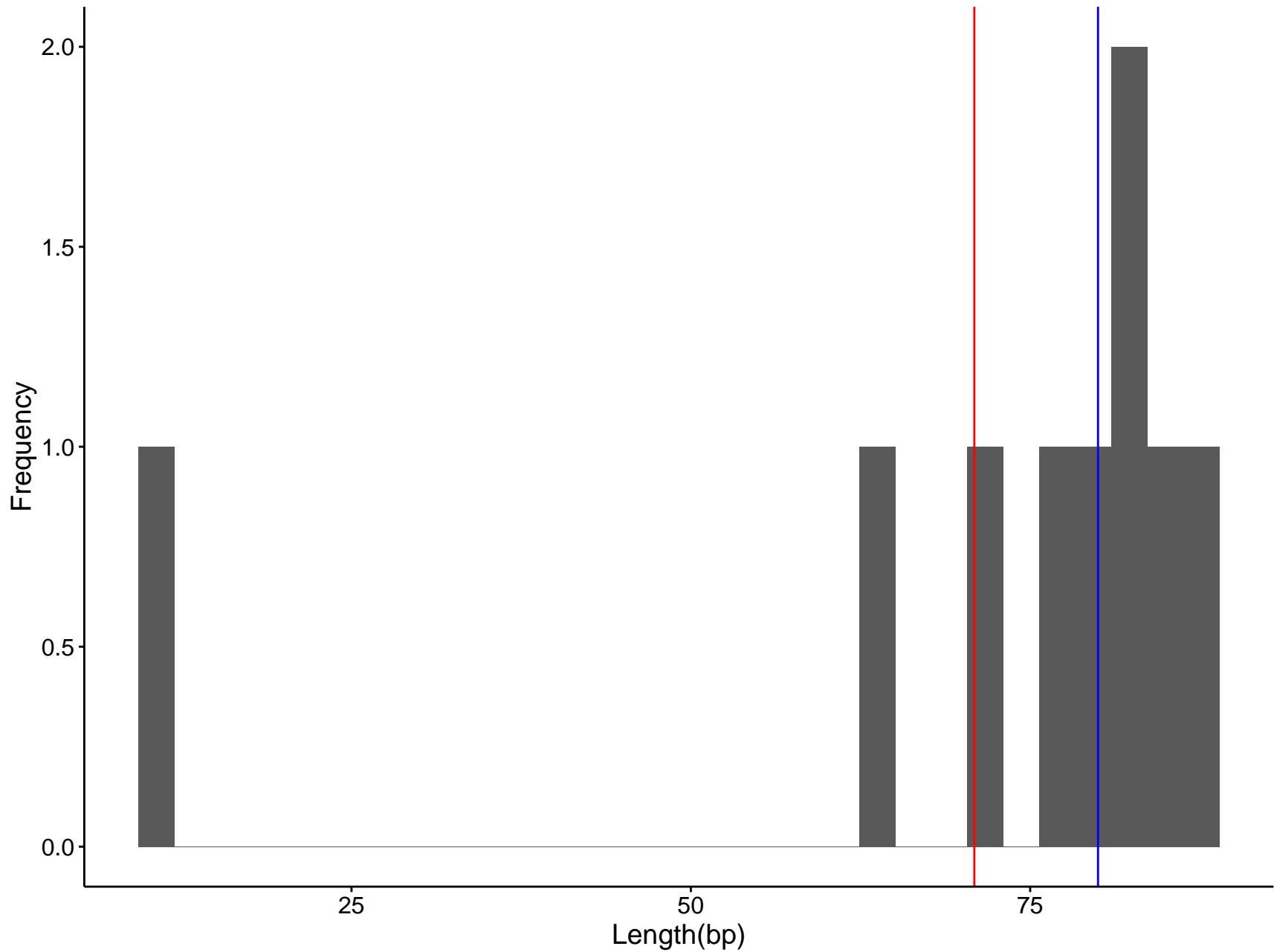
Cluster1342



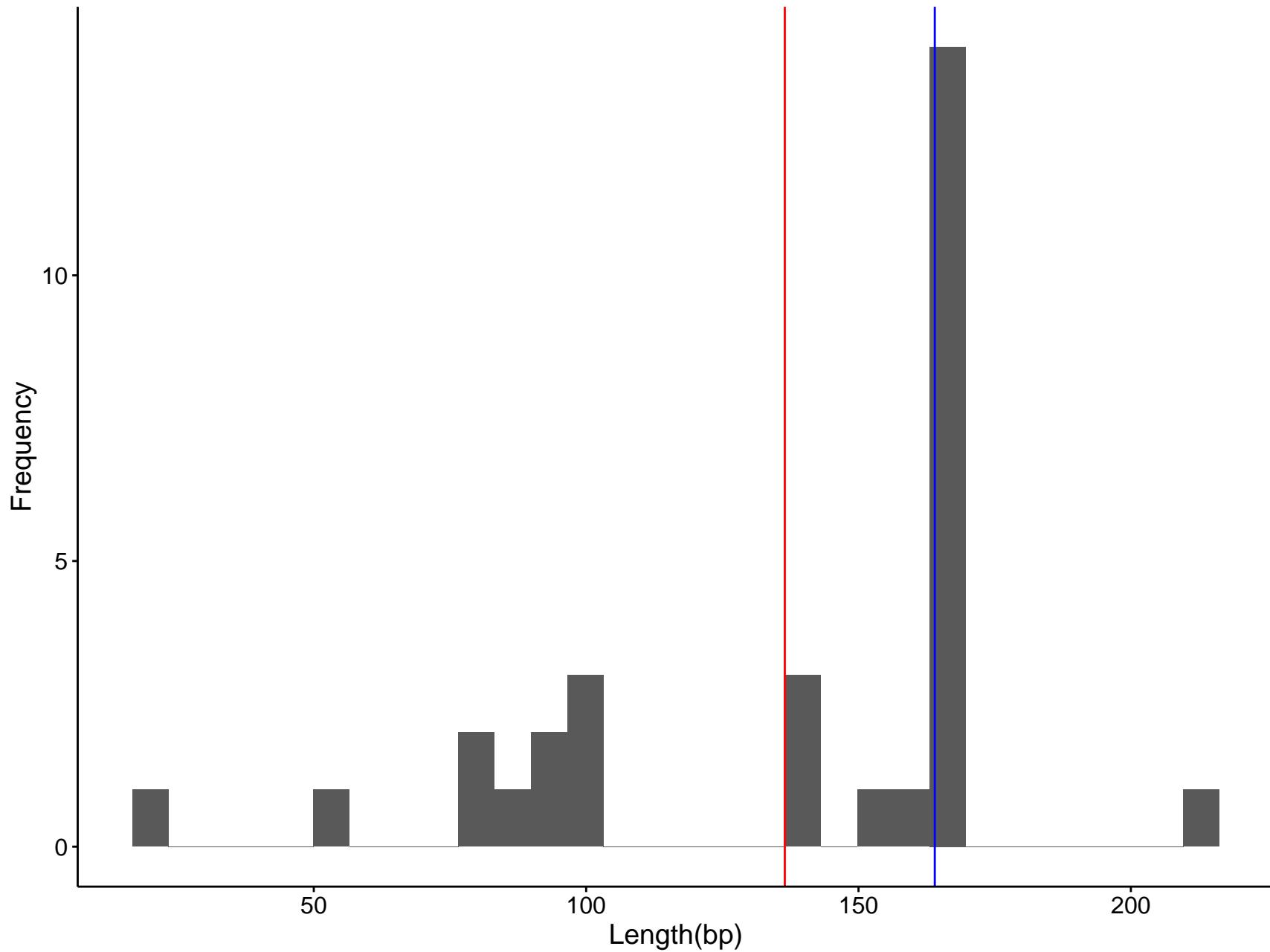
Cluster1344



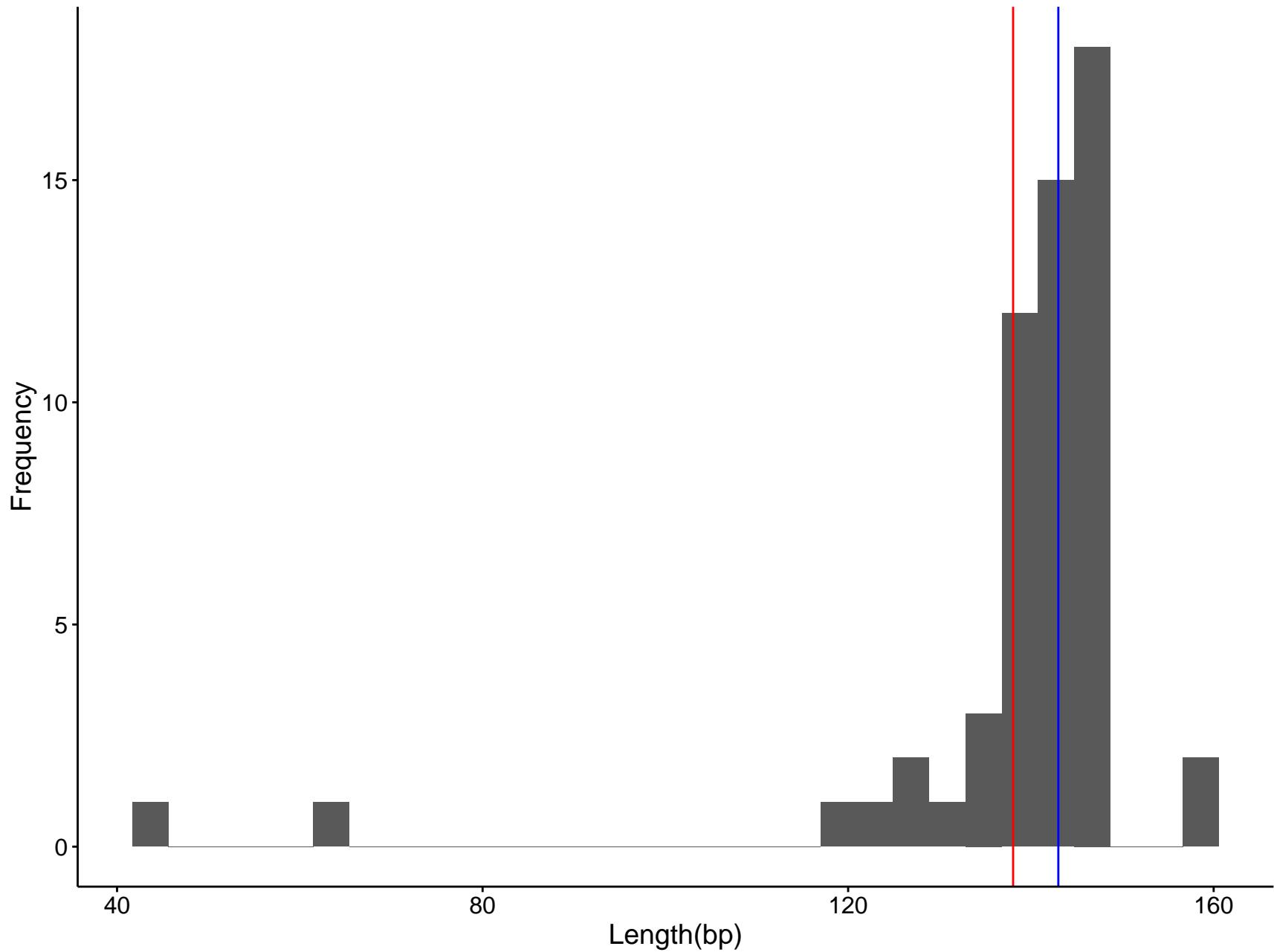
Cluster1345



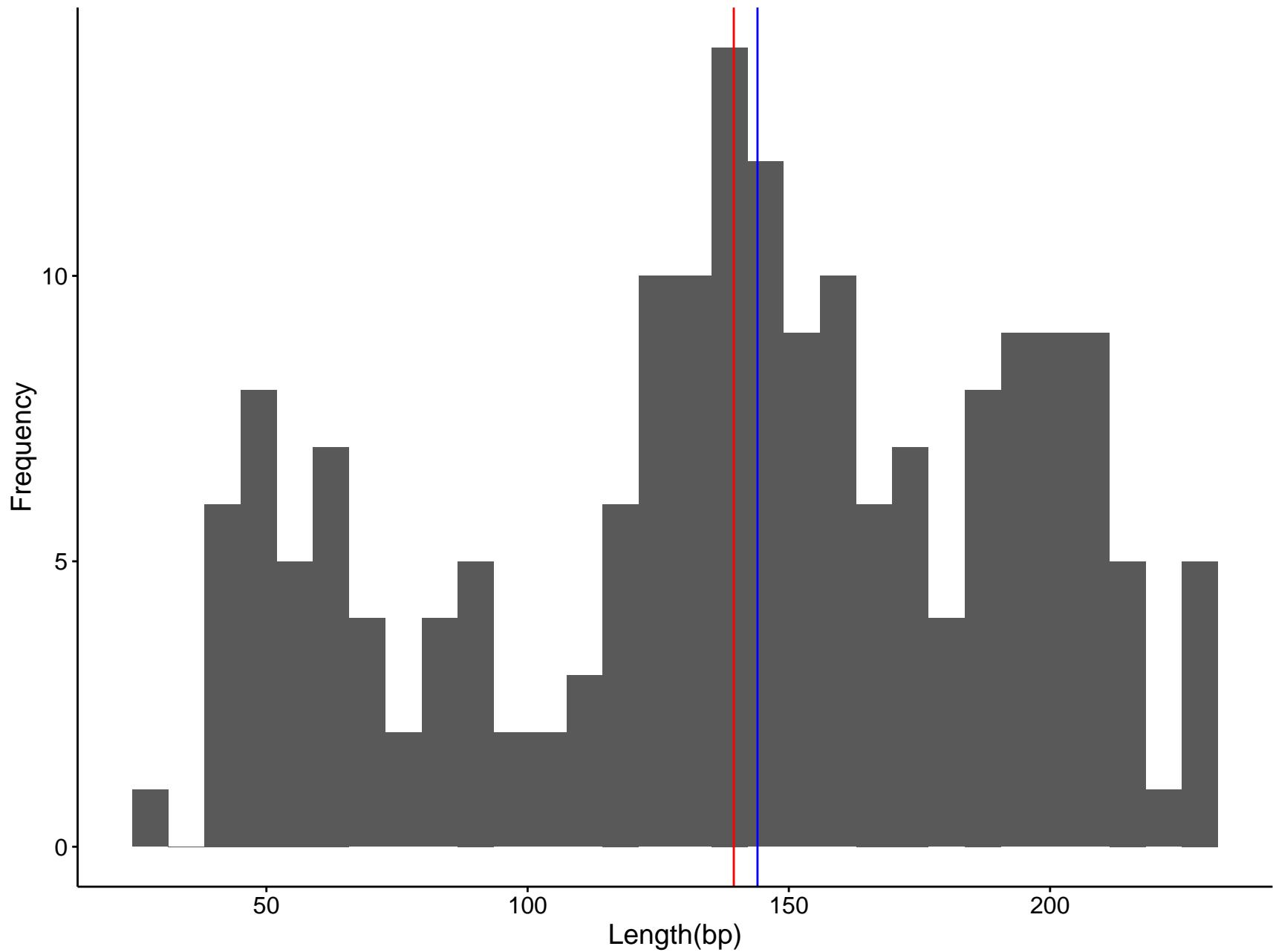
Cluster1347



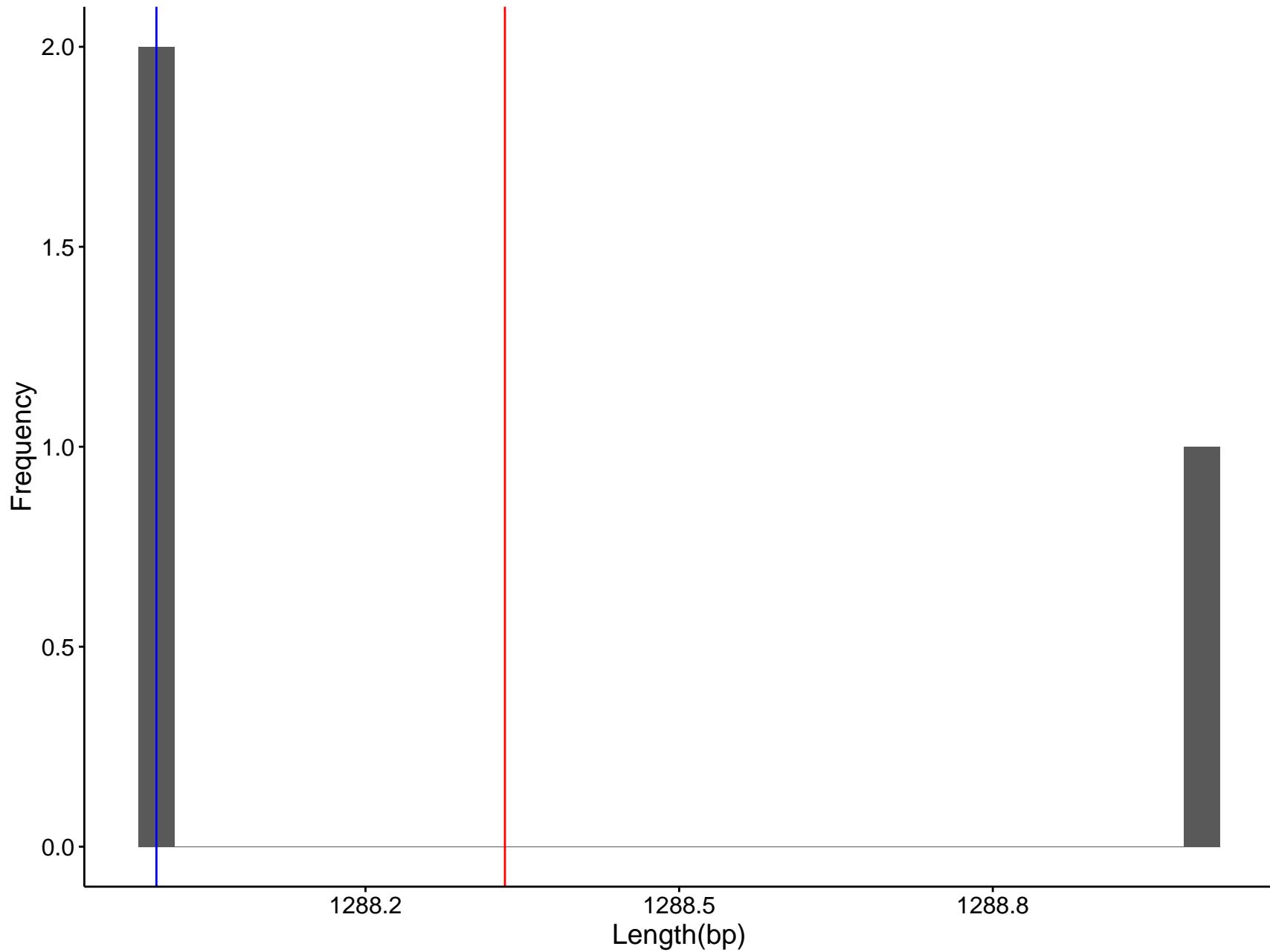
Cluster1348

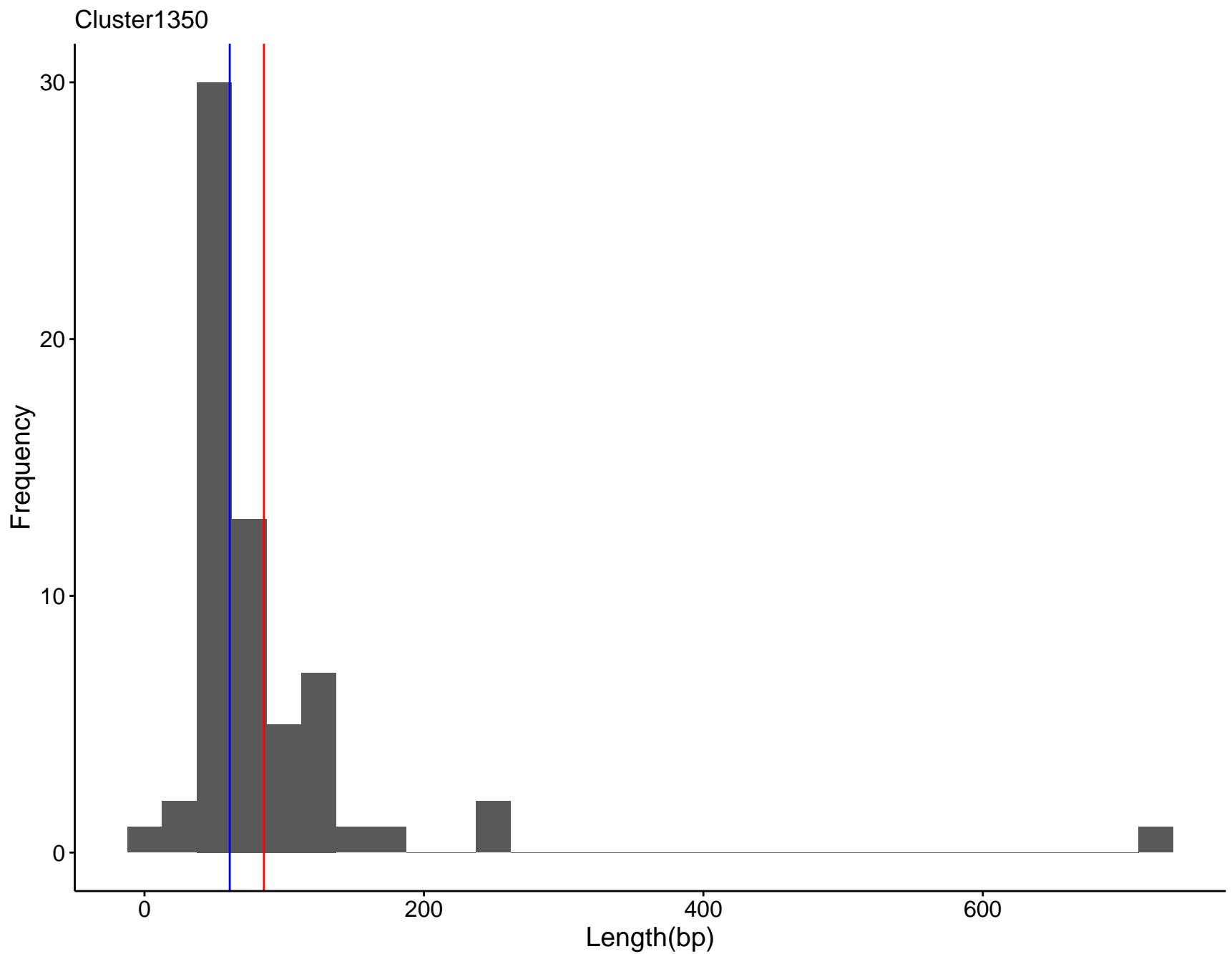


Cluster1349

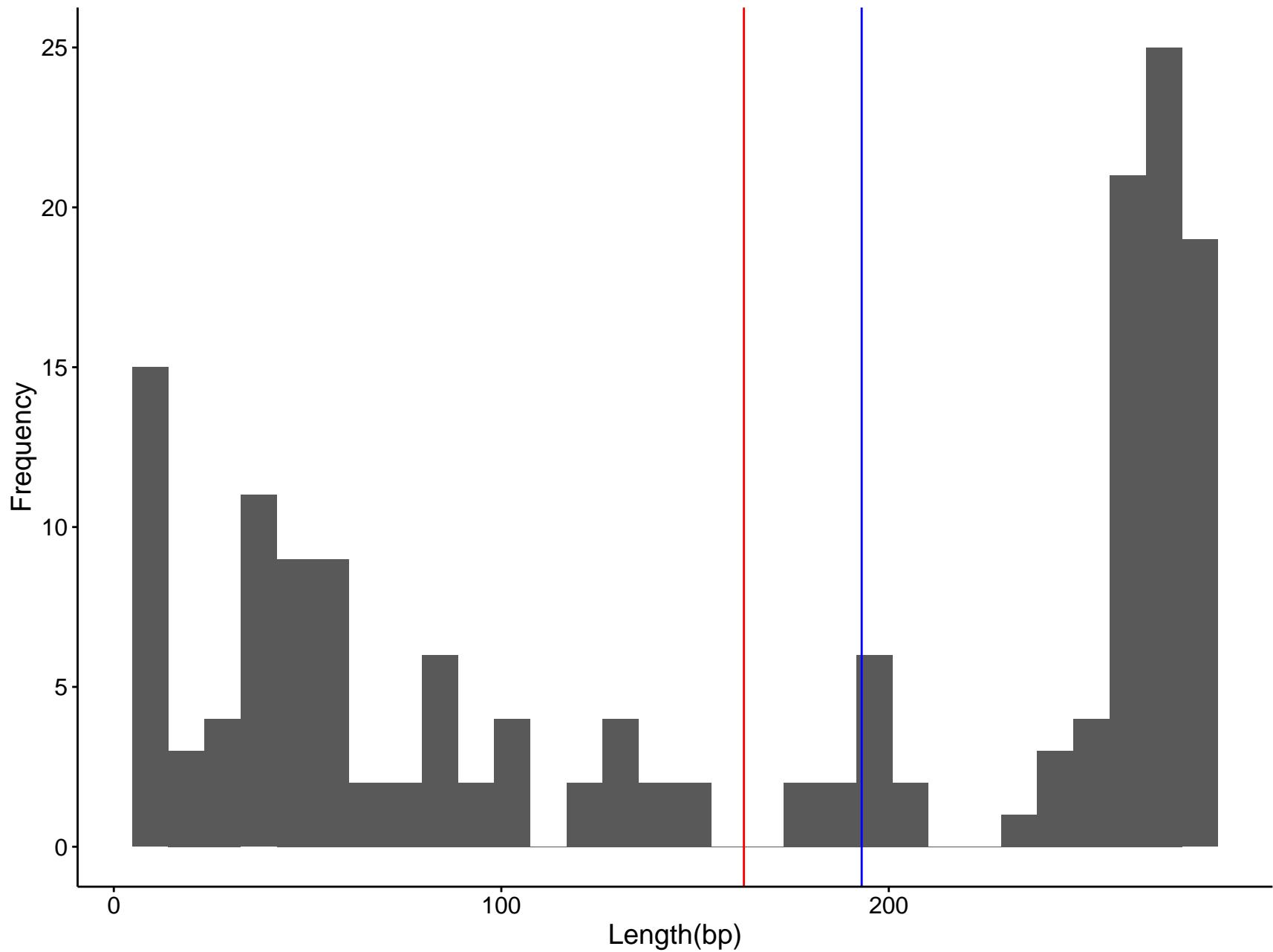


Cluster134

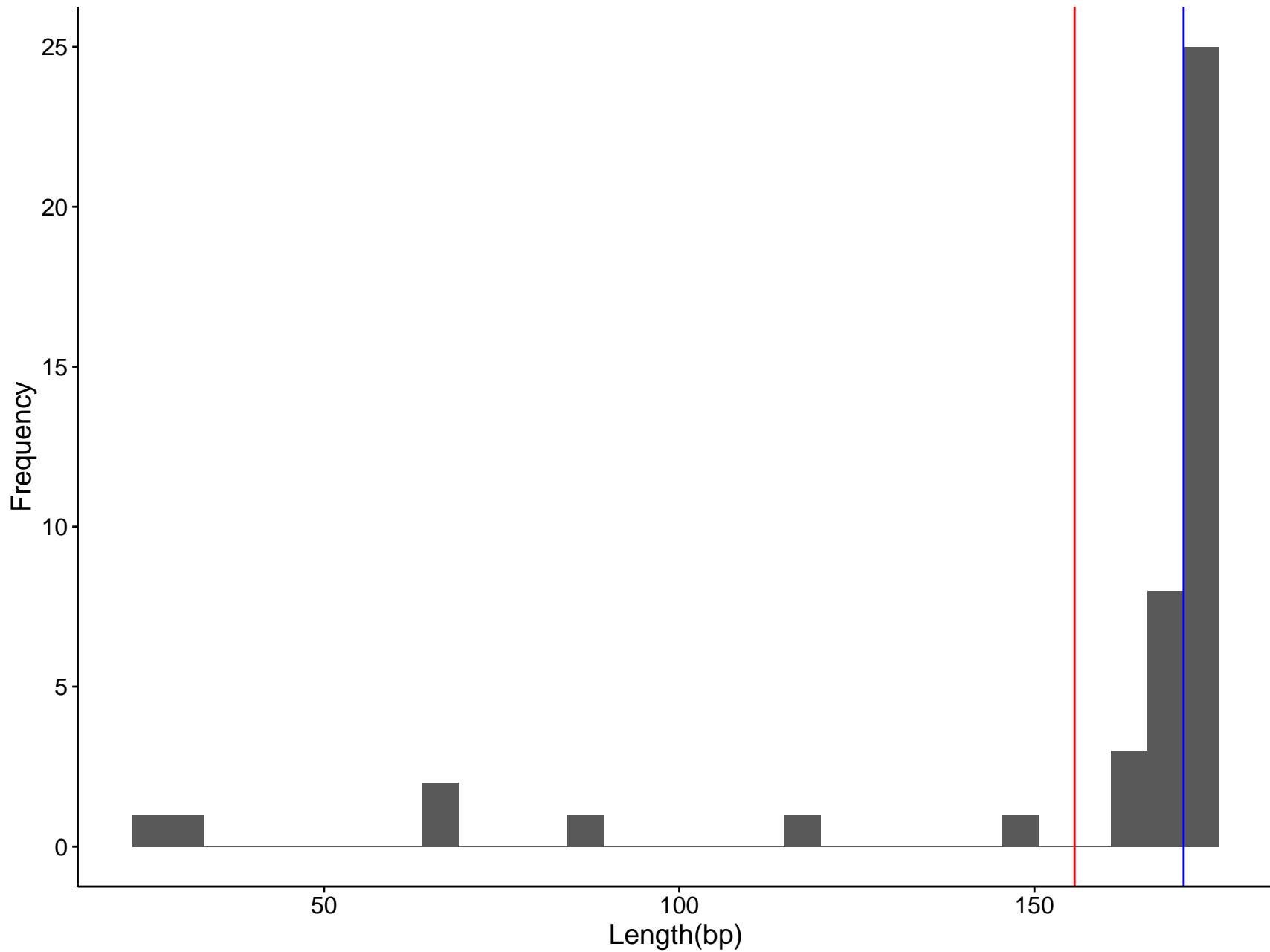




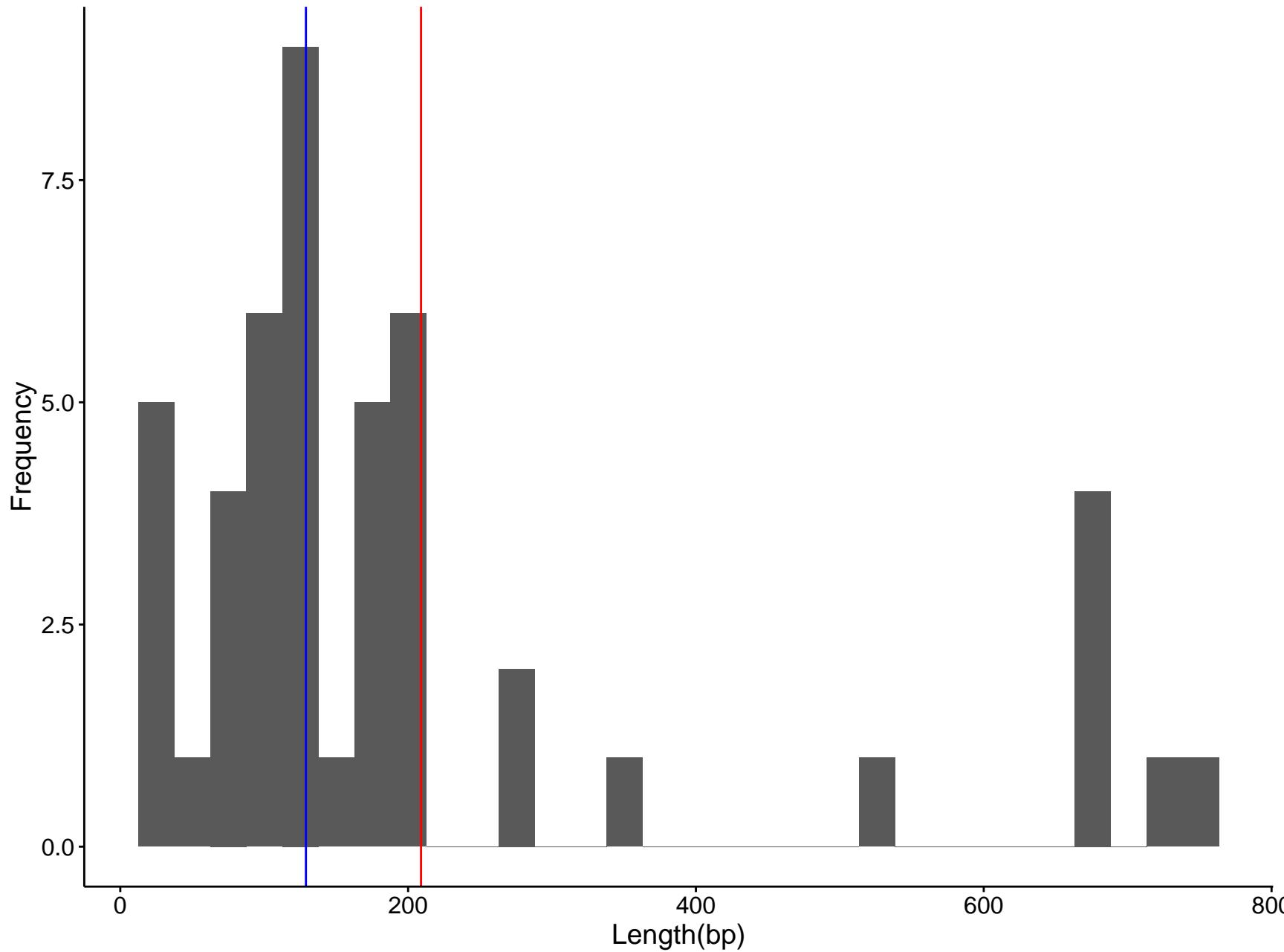
Cluster1352



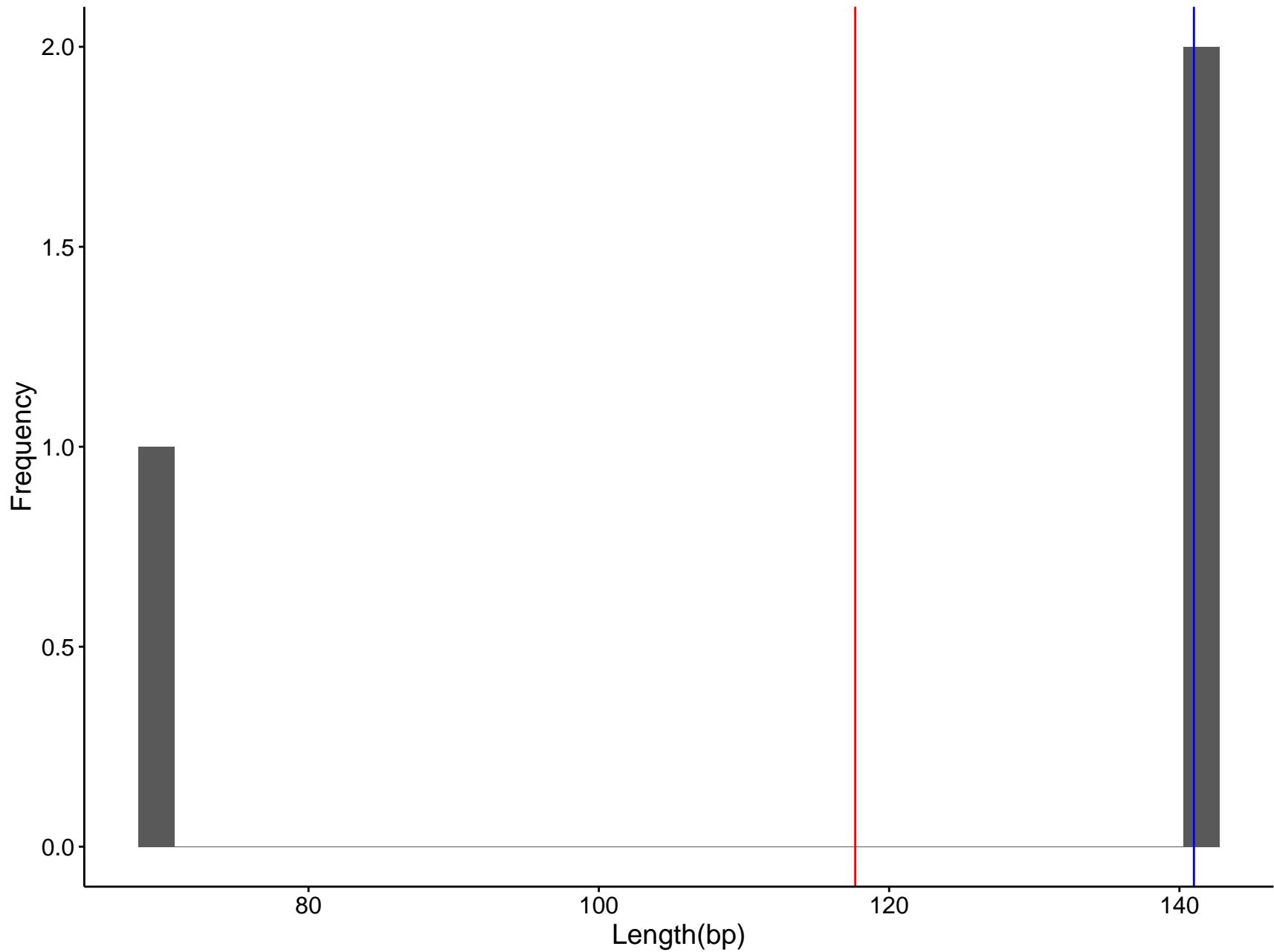
Cluster1354



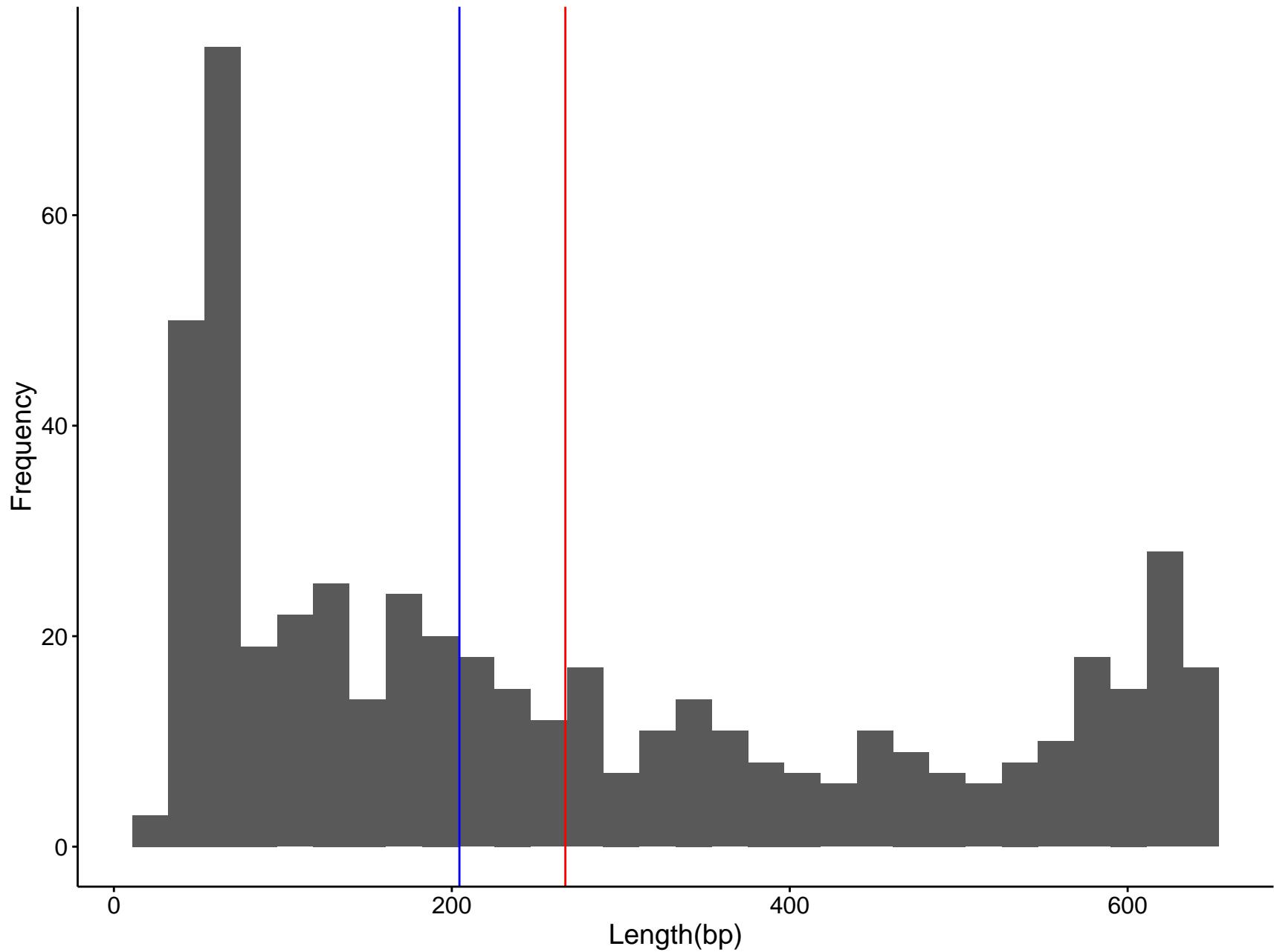
Cluster1355



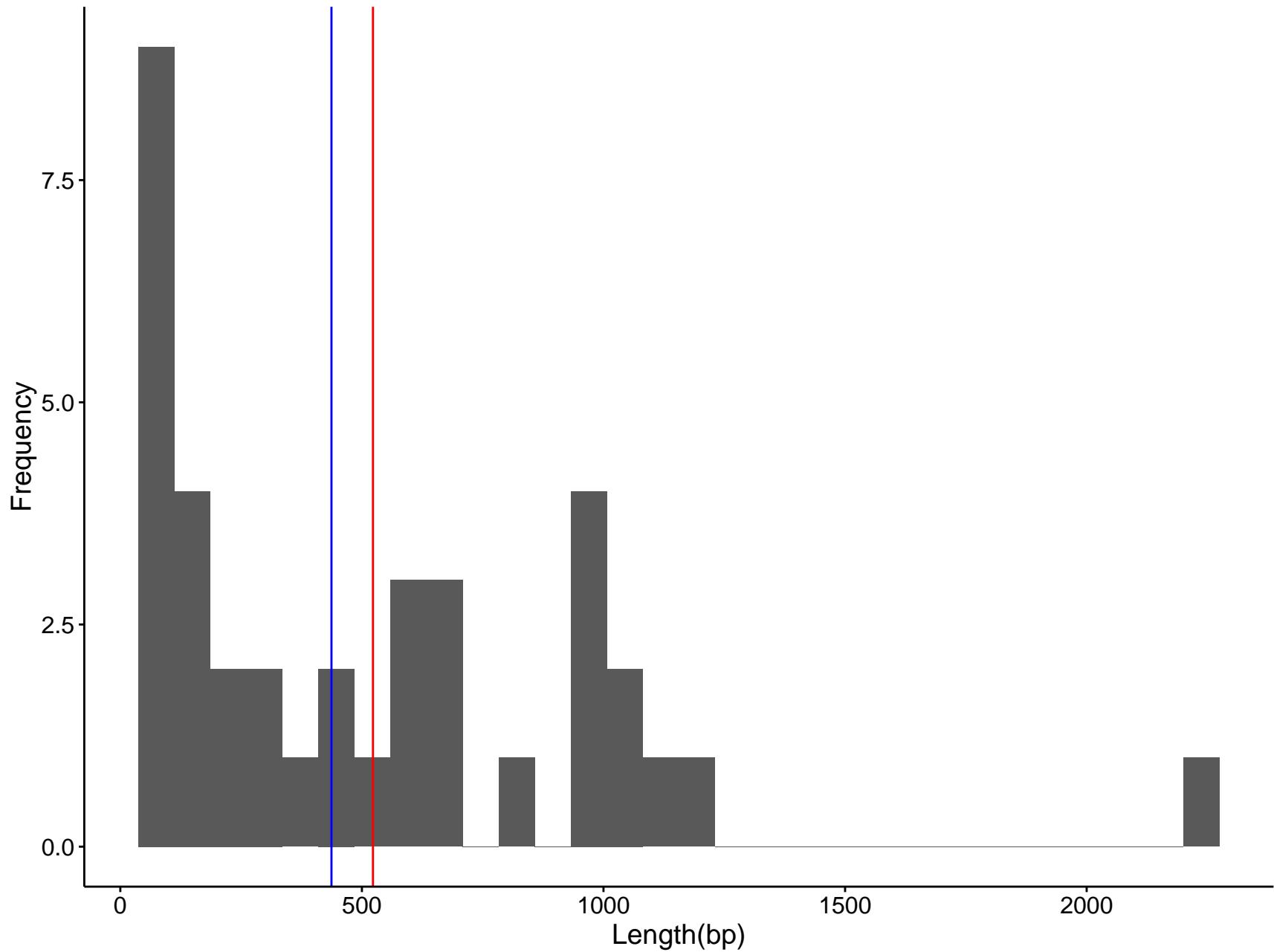
Cluster1356



Cluster1357



Cluster1358



Cluster135

Frequency

73.950

73.975

74.000

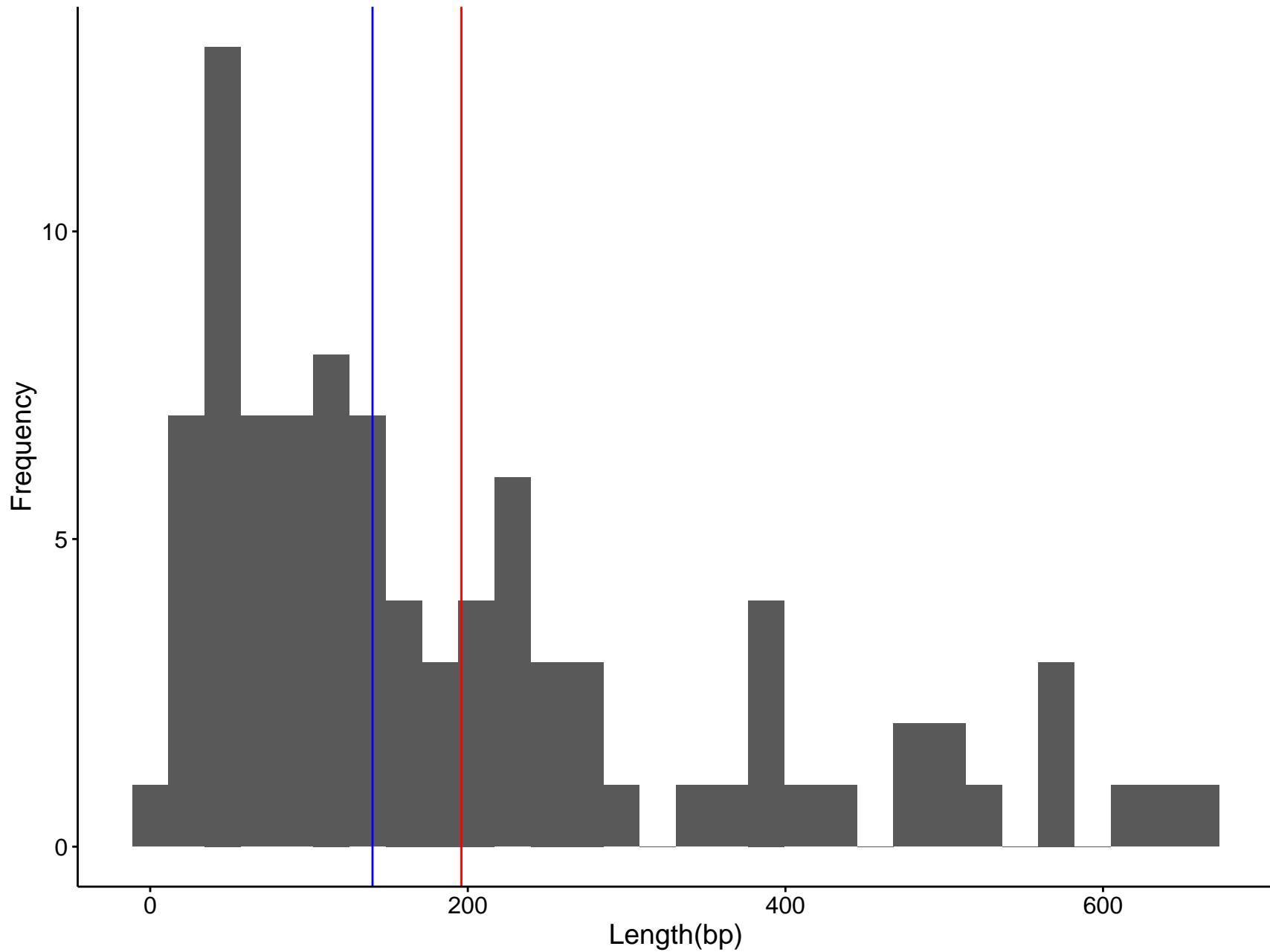
74.025

74.0

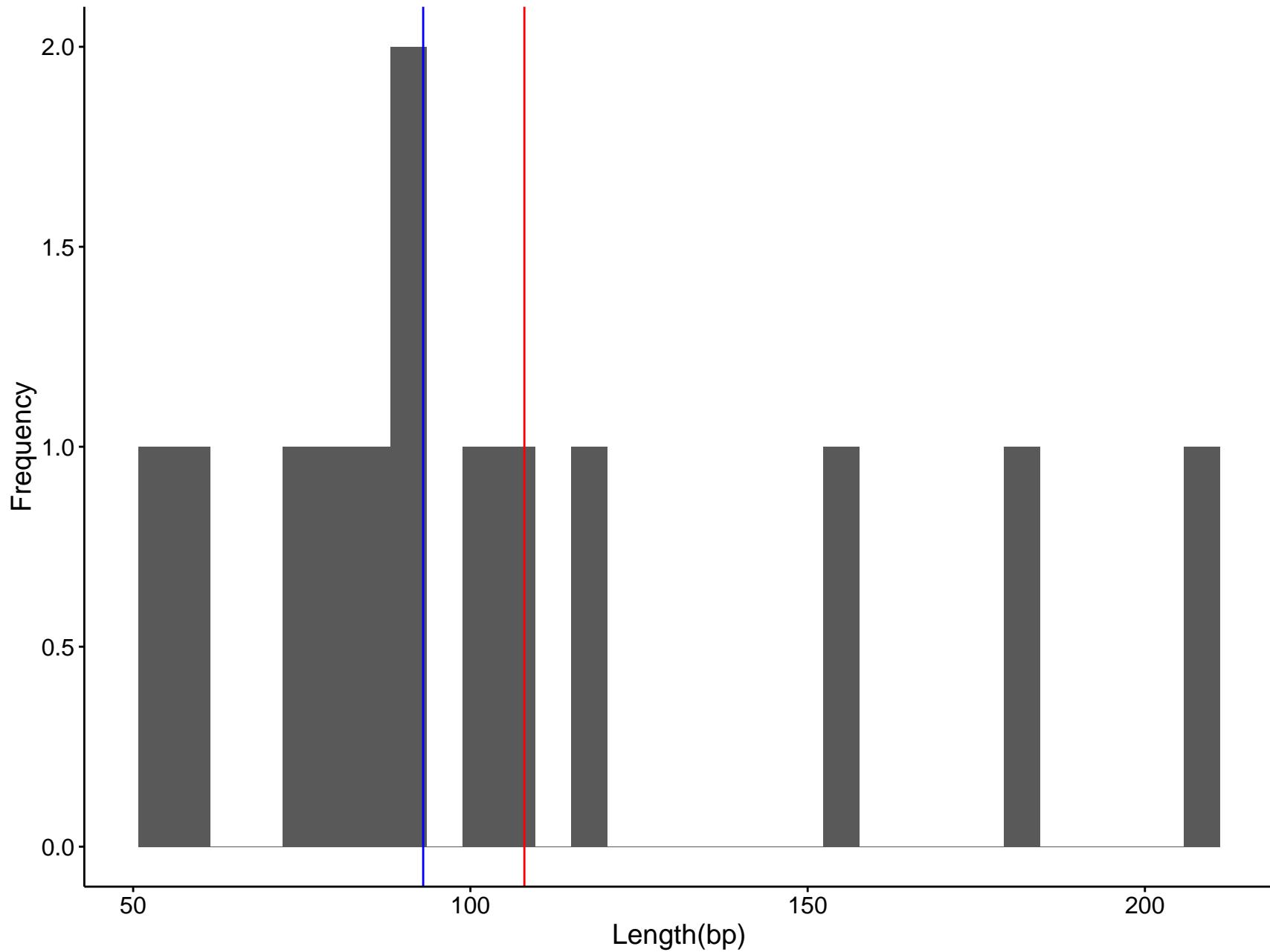
Length(bp)



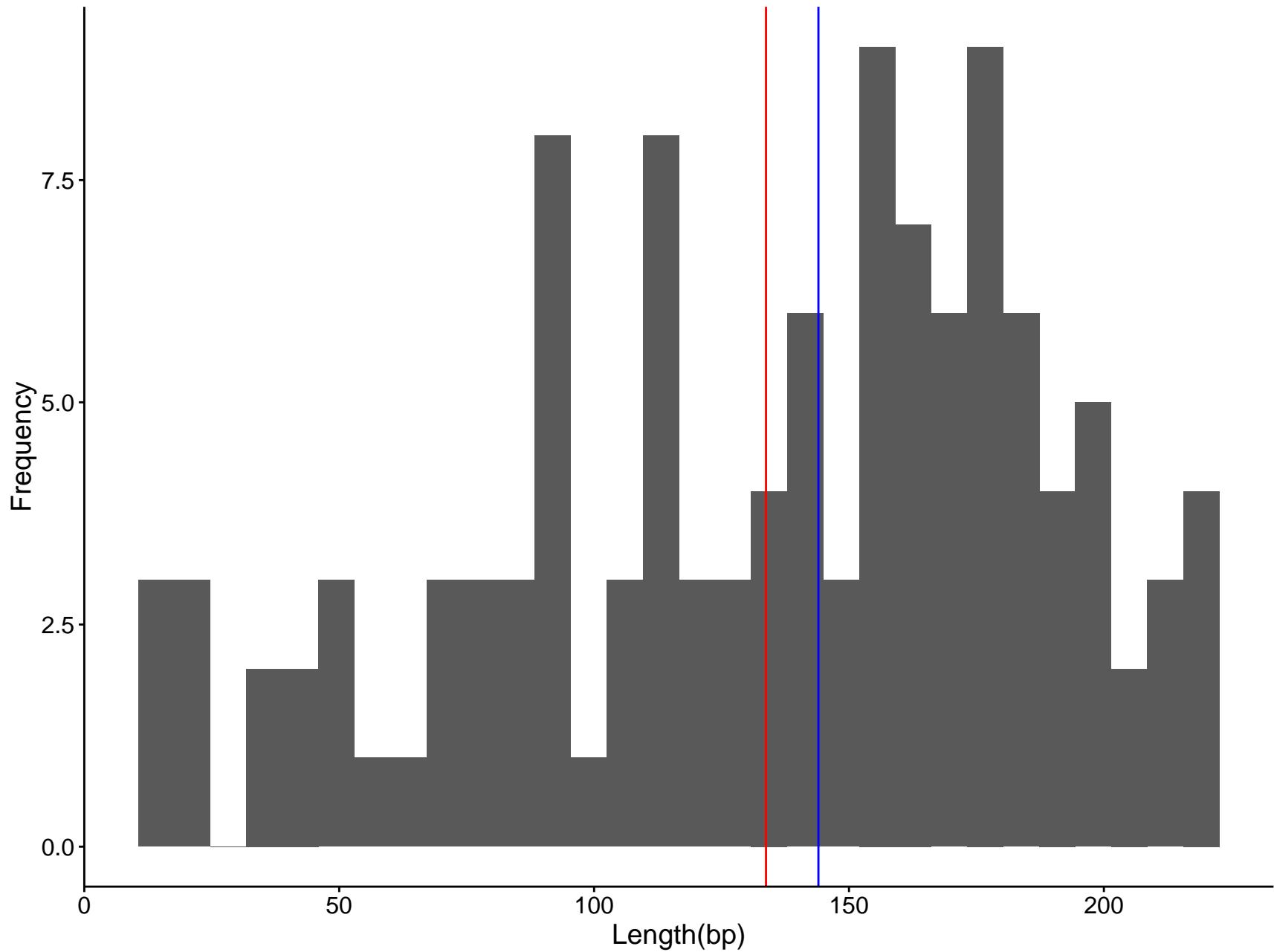
Cluster1360



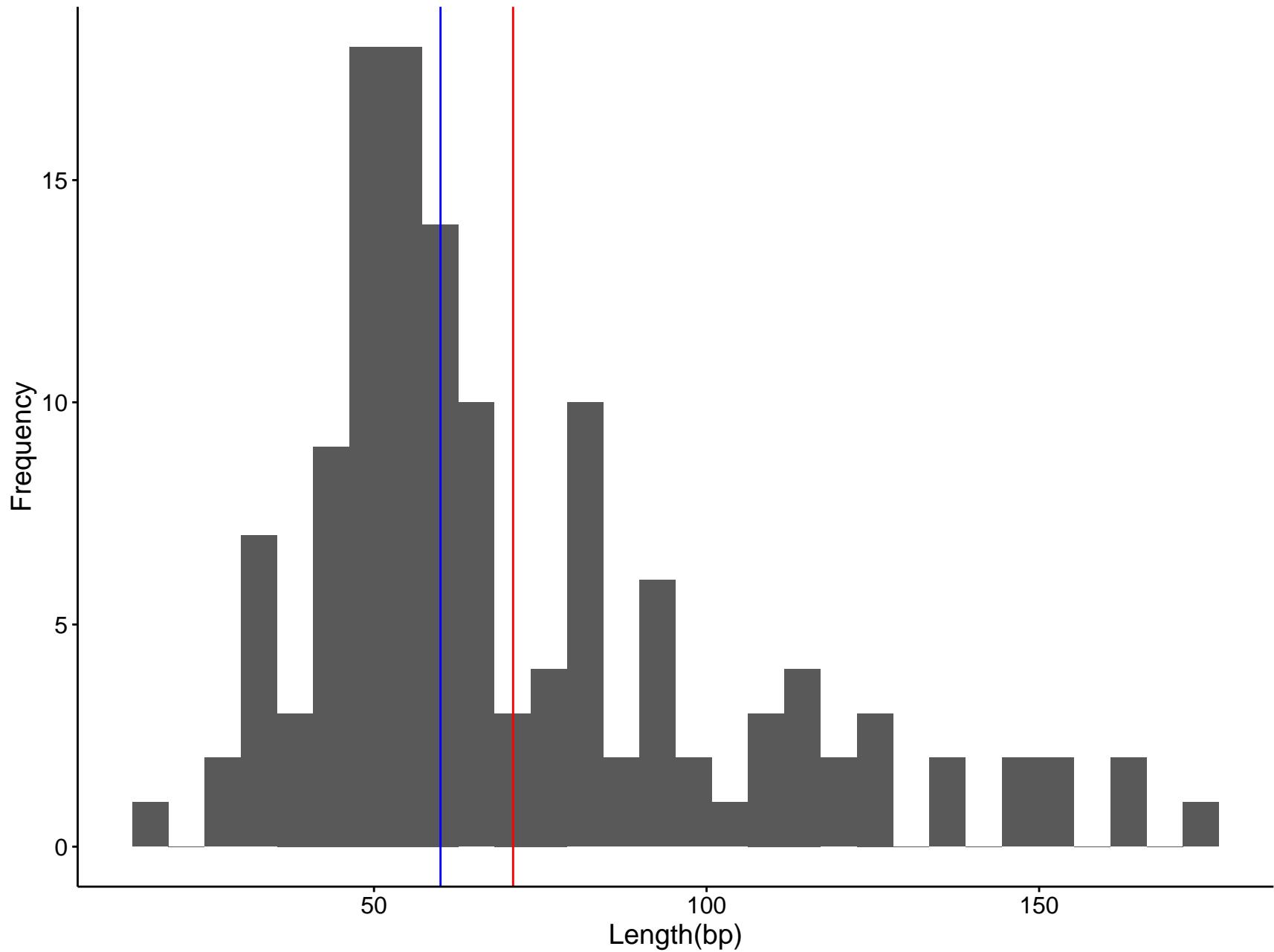
Cluster1361



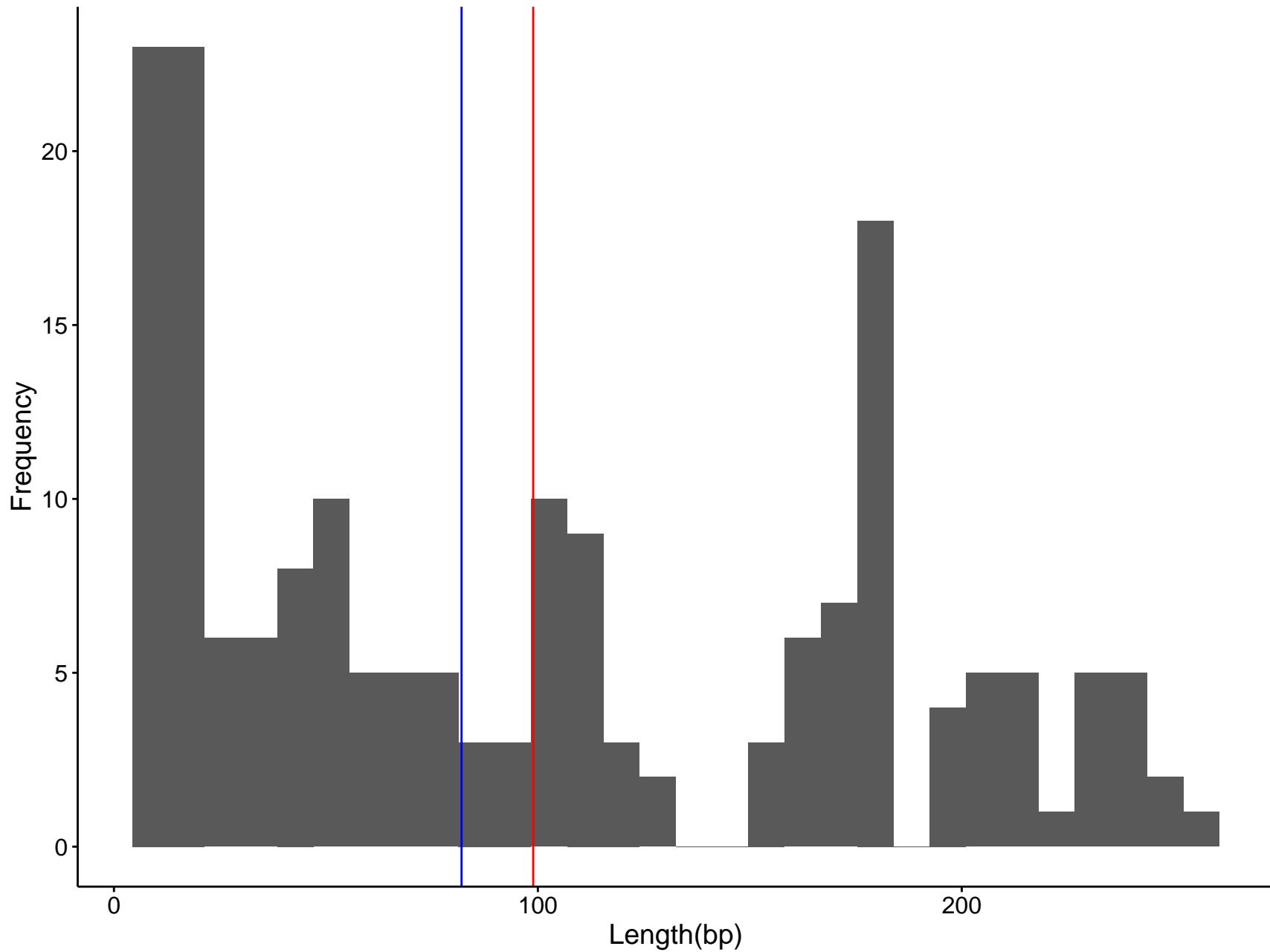
Cluster1362



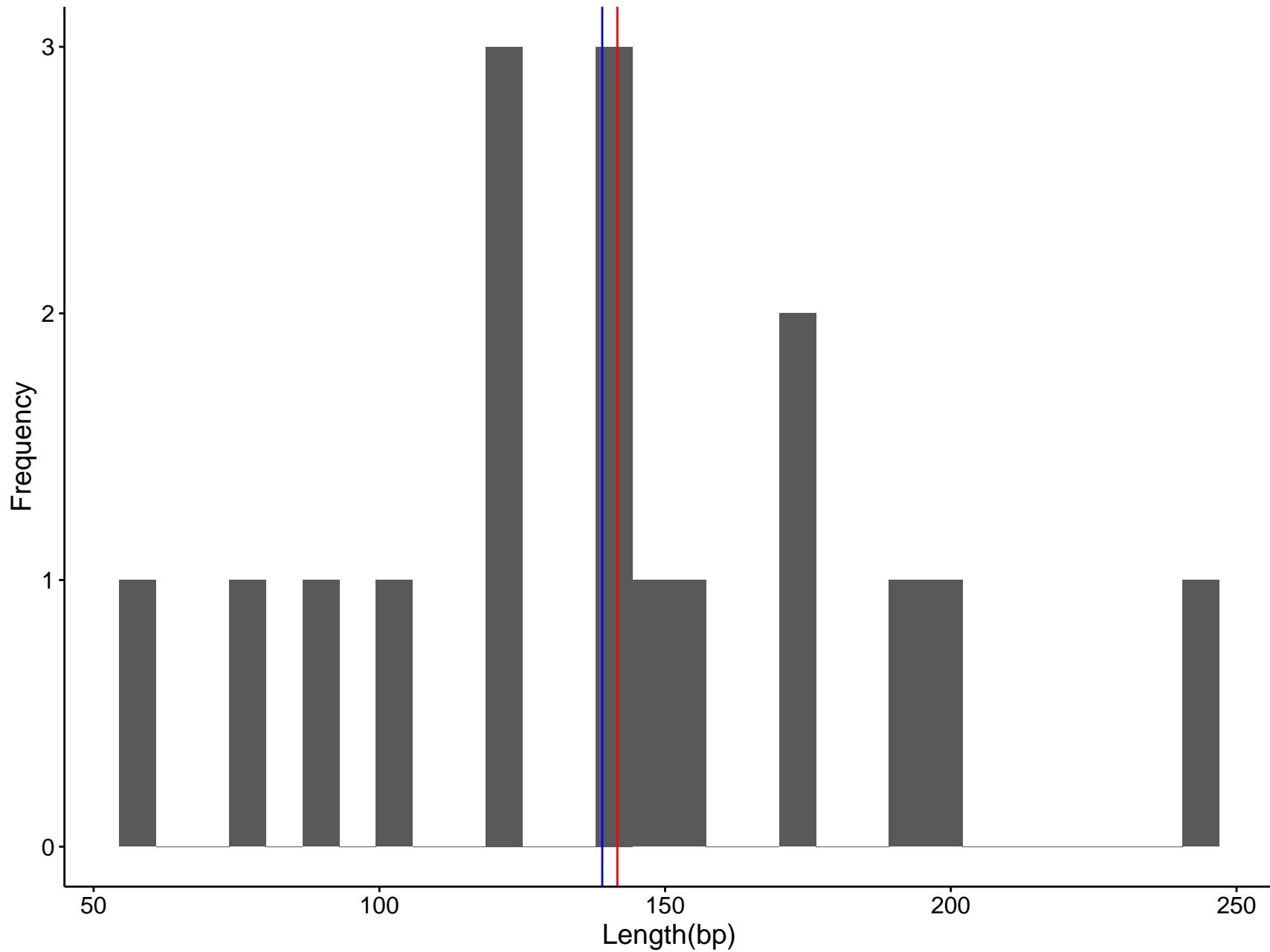
Cluster1363



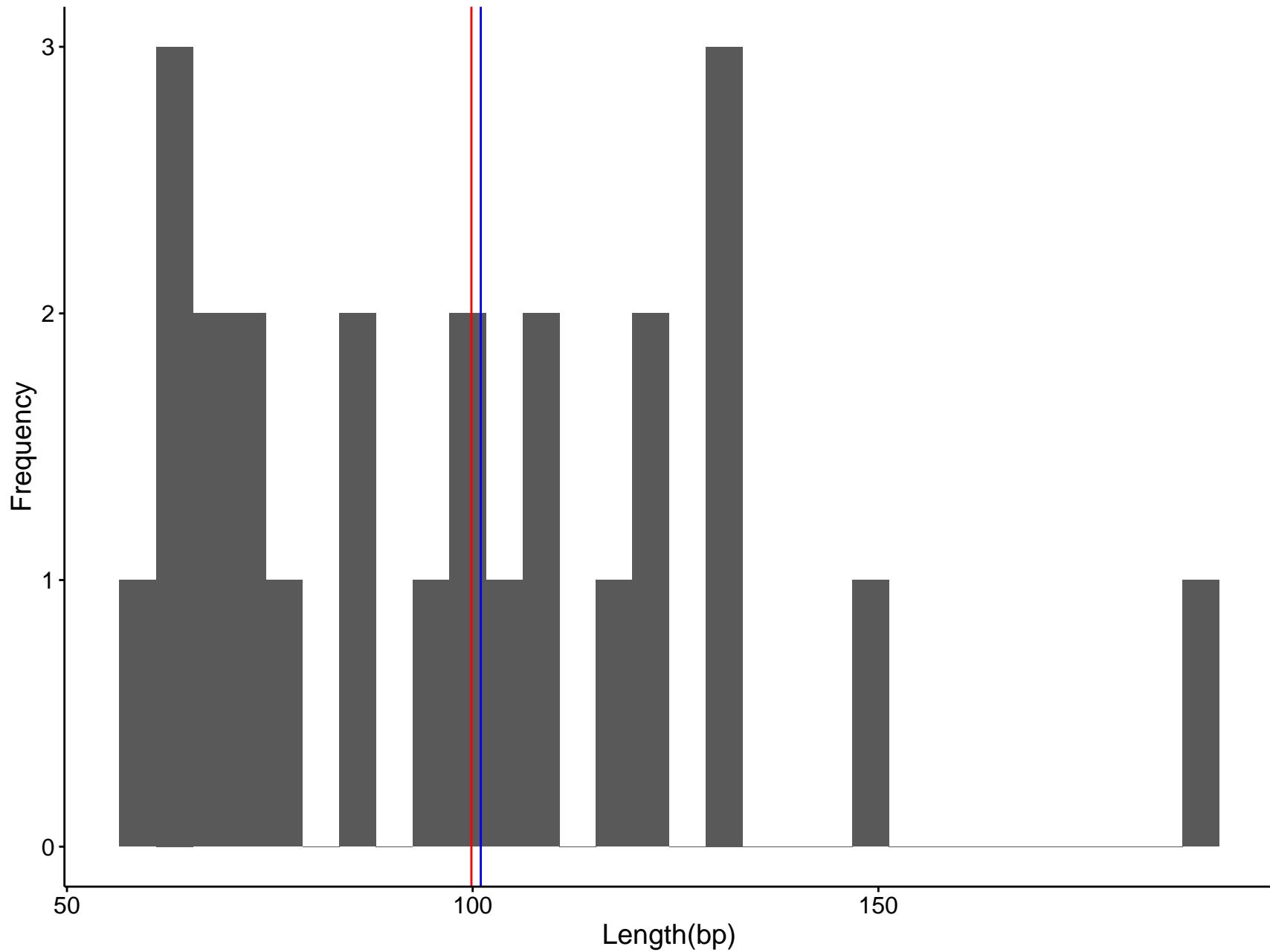
Cluster1365



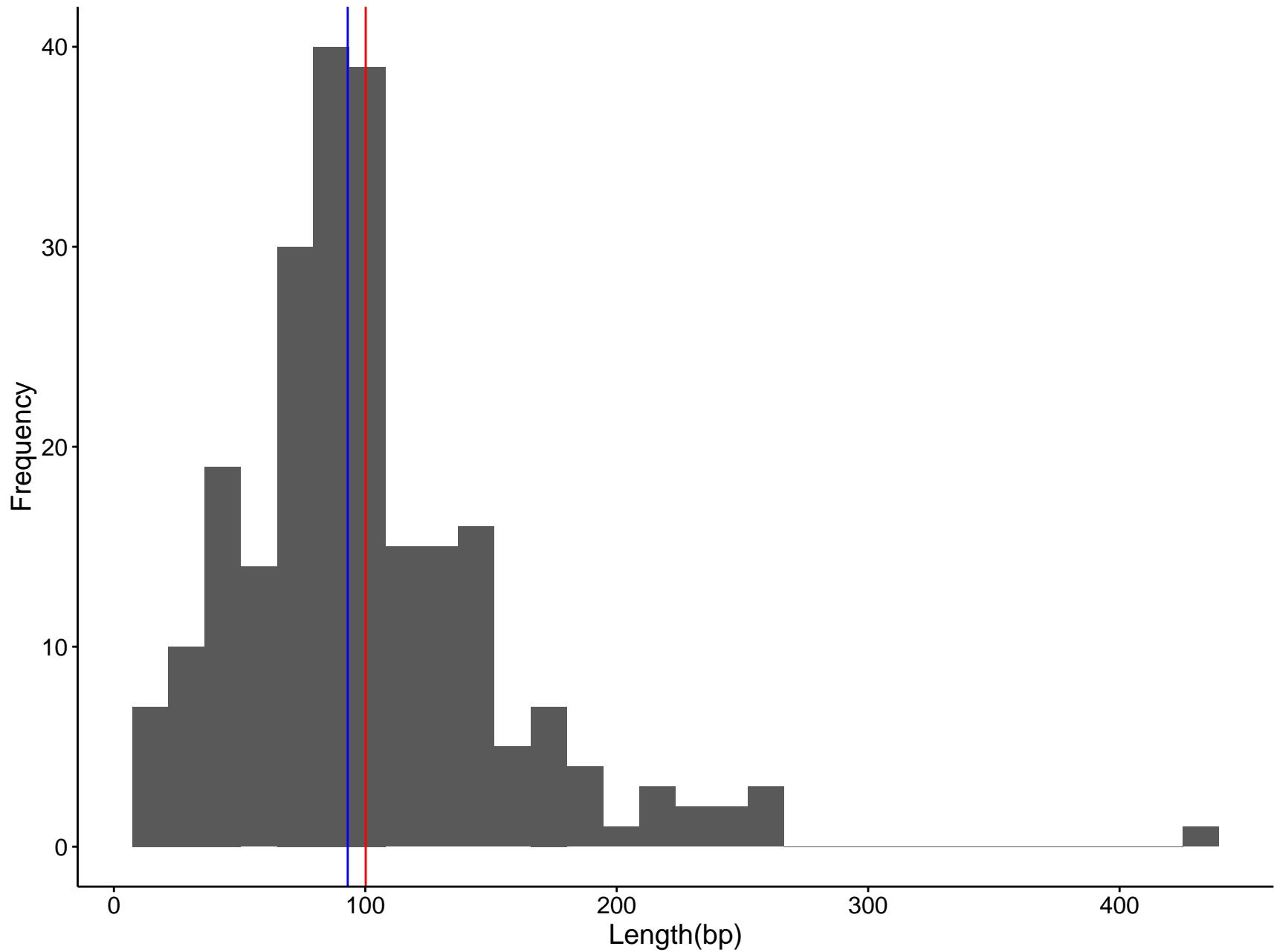
Cluster1366



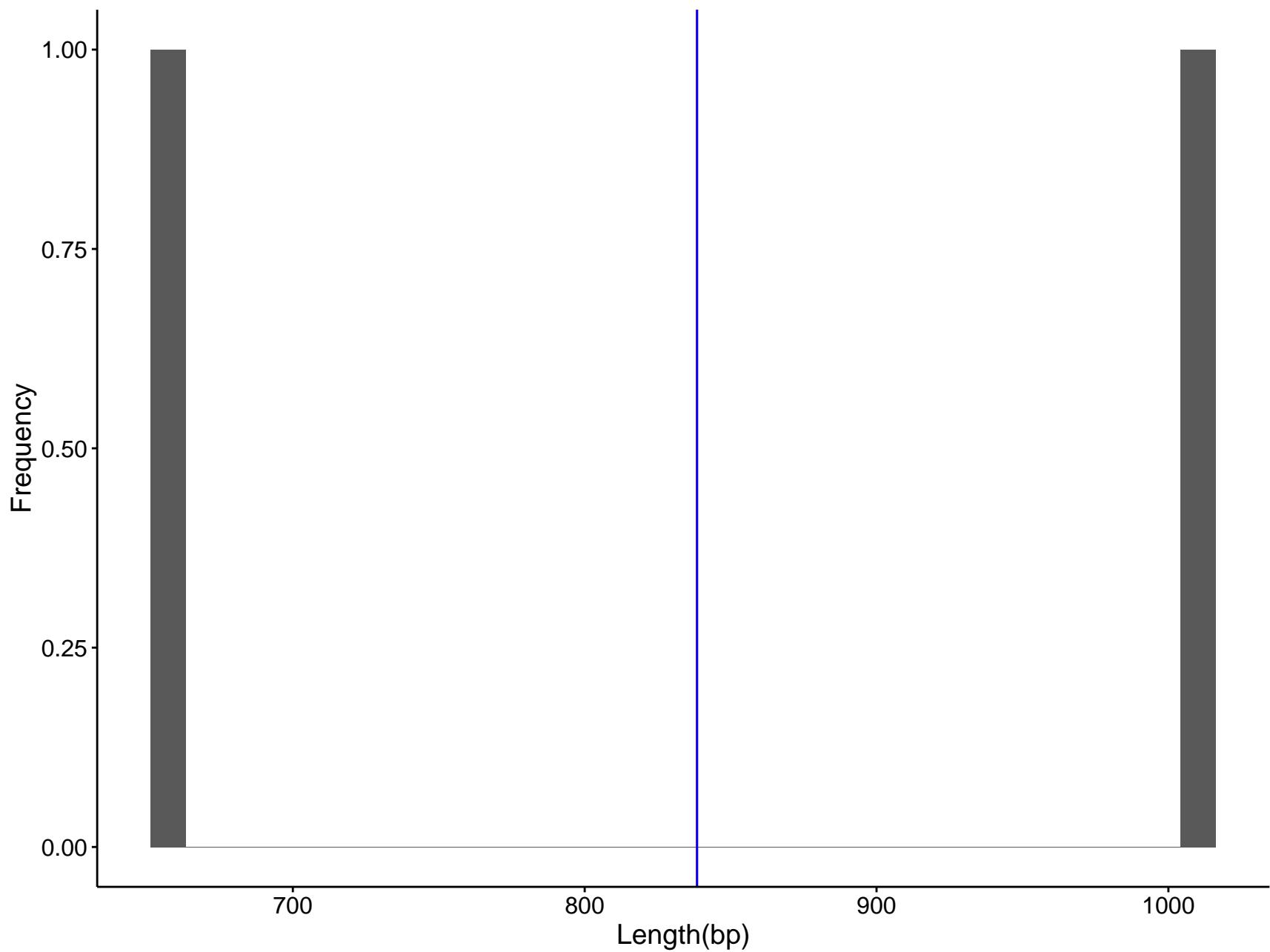
Cluster1370



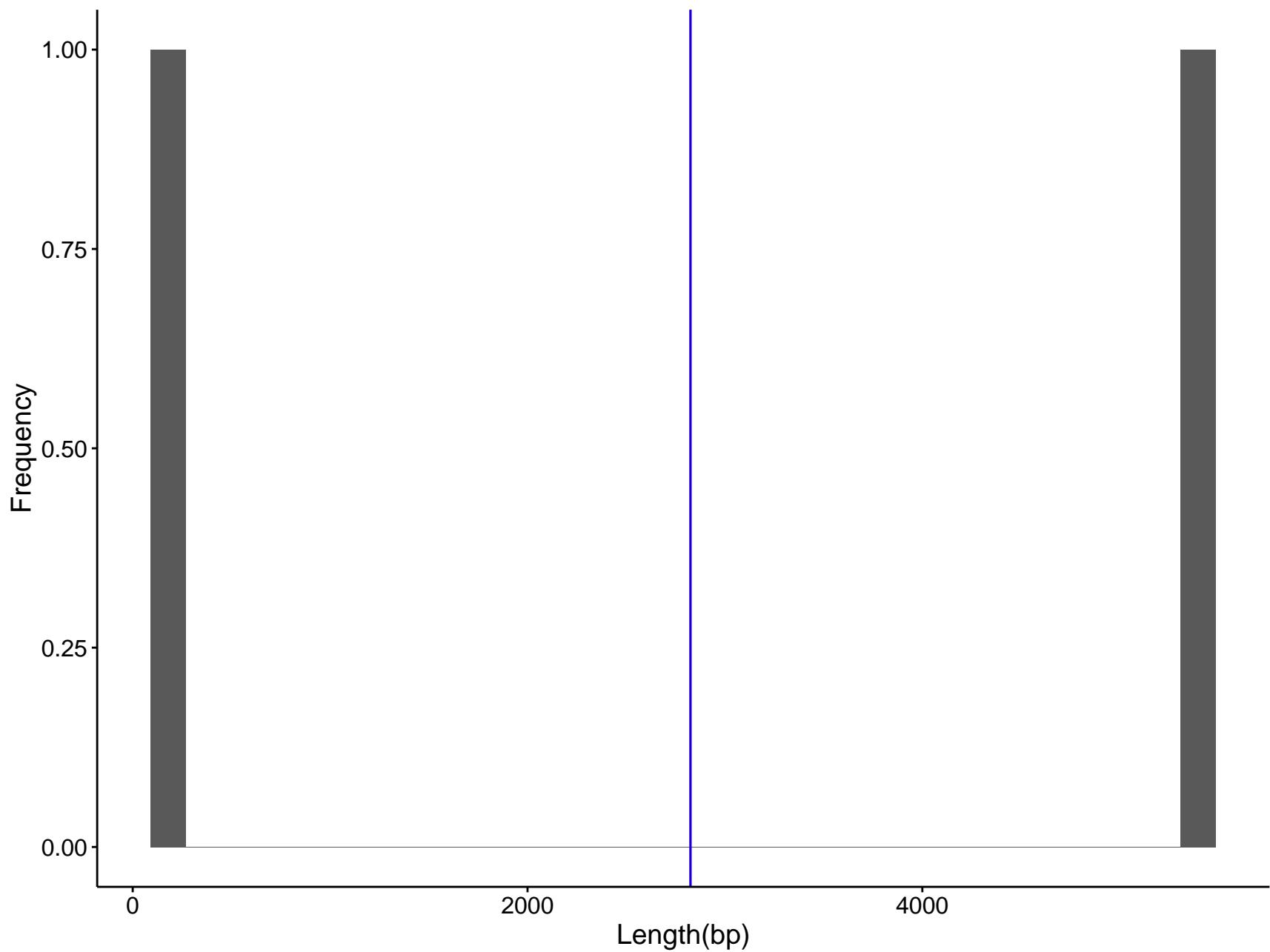
Cluster1371



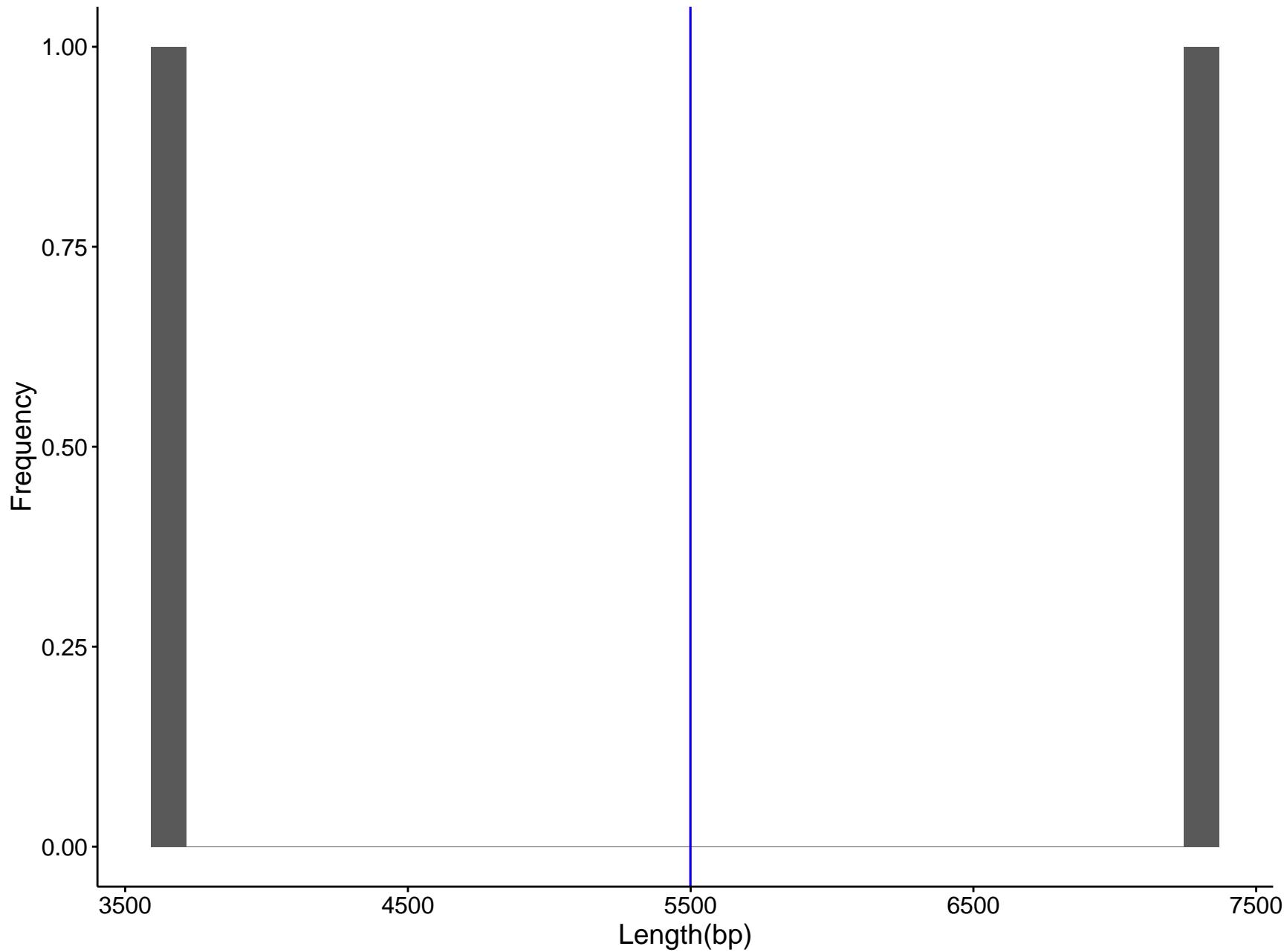
Cluster1372



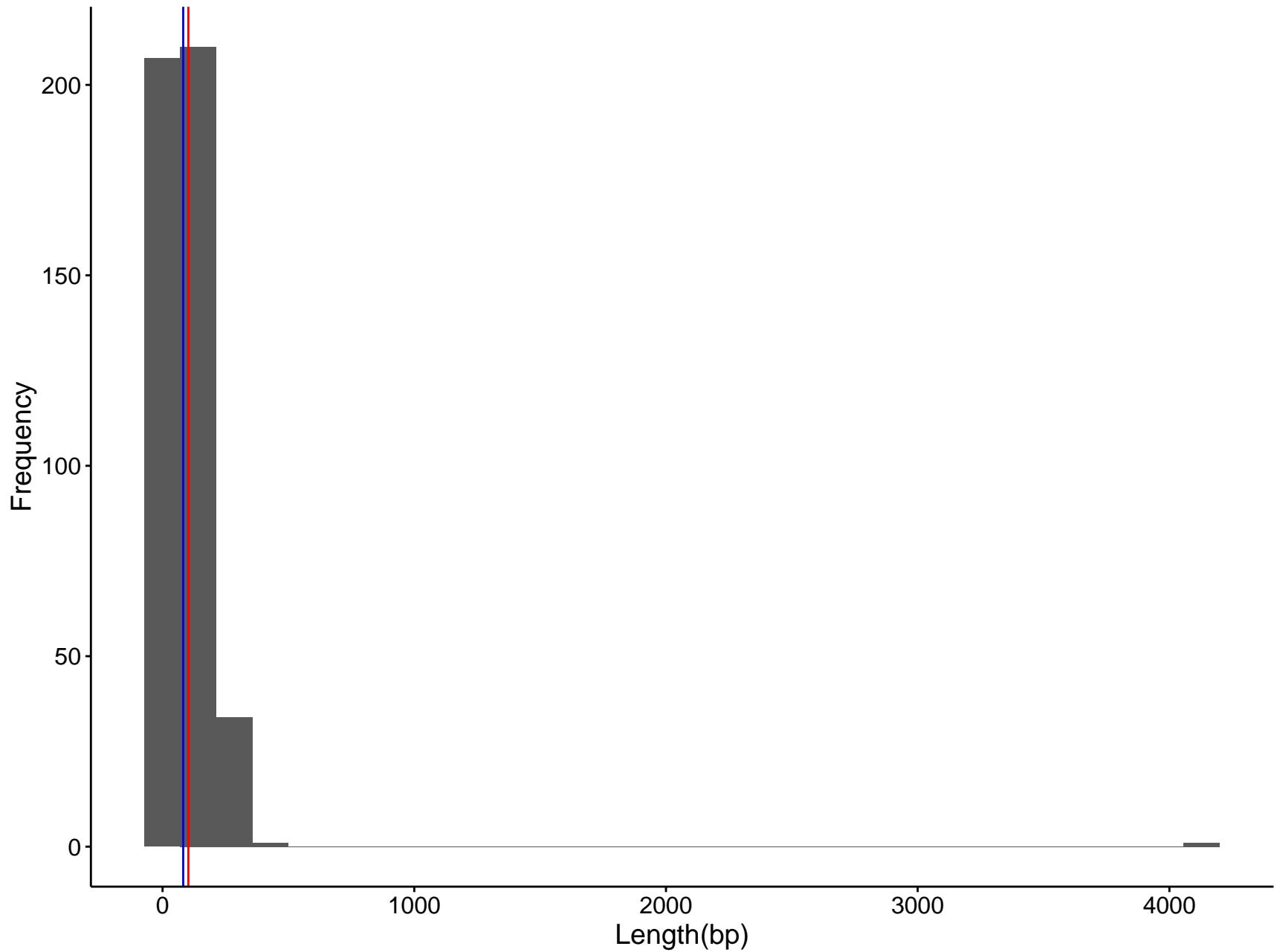
Cluster1373



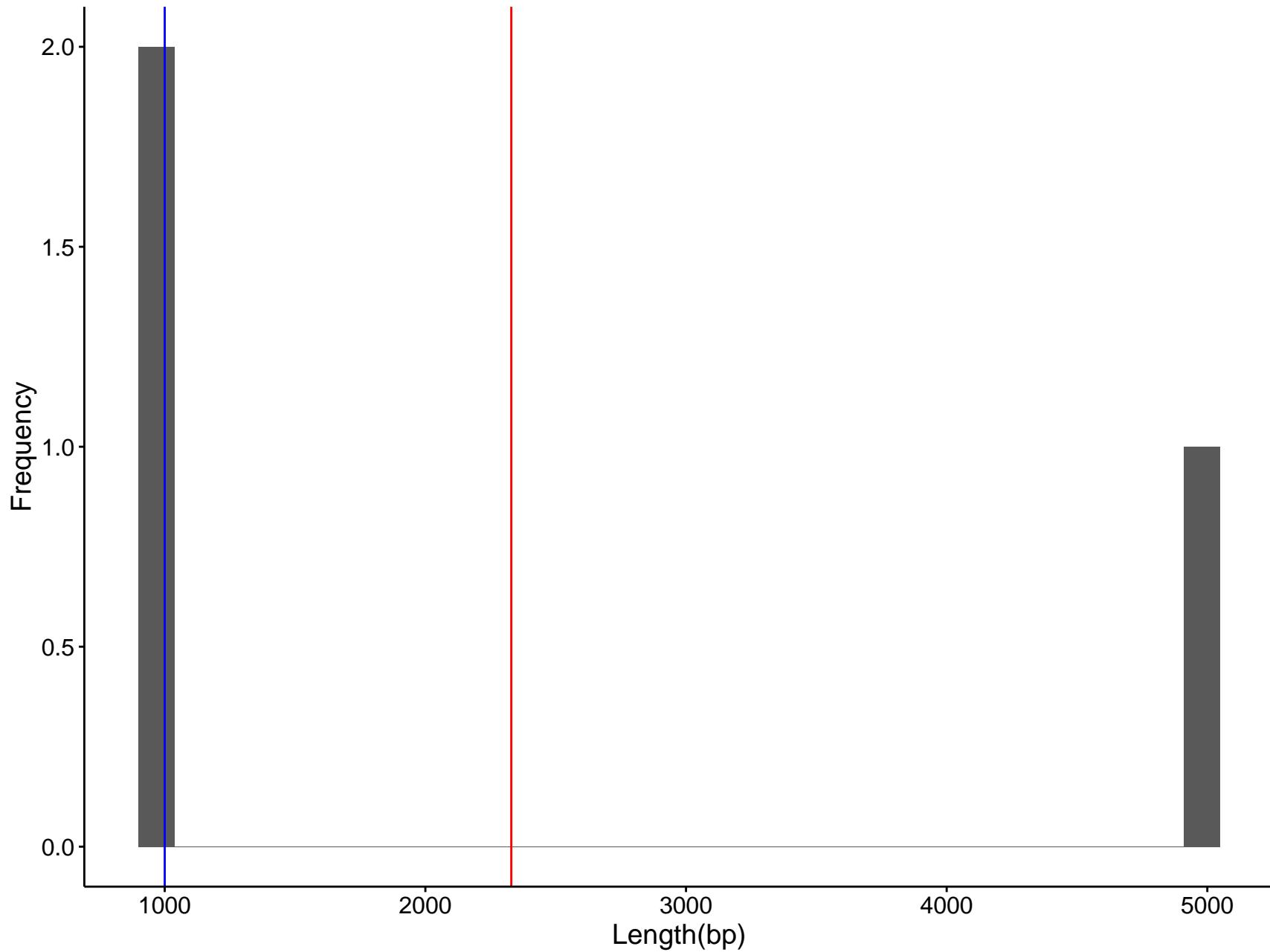
Cluster1374



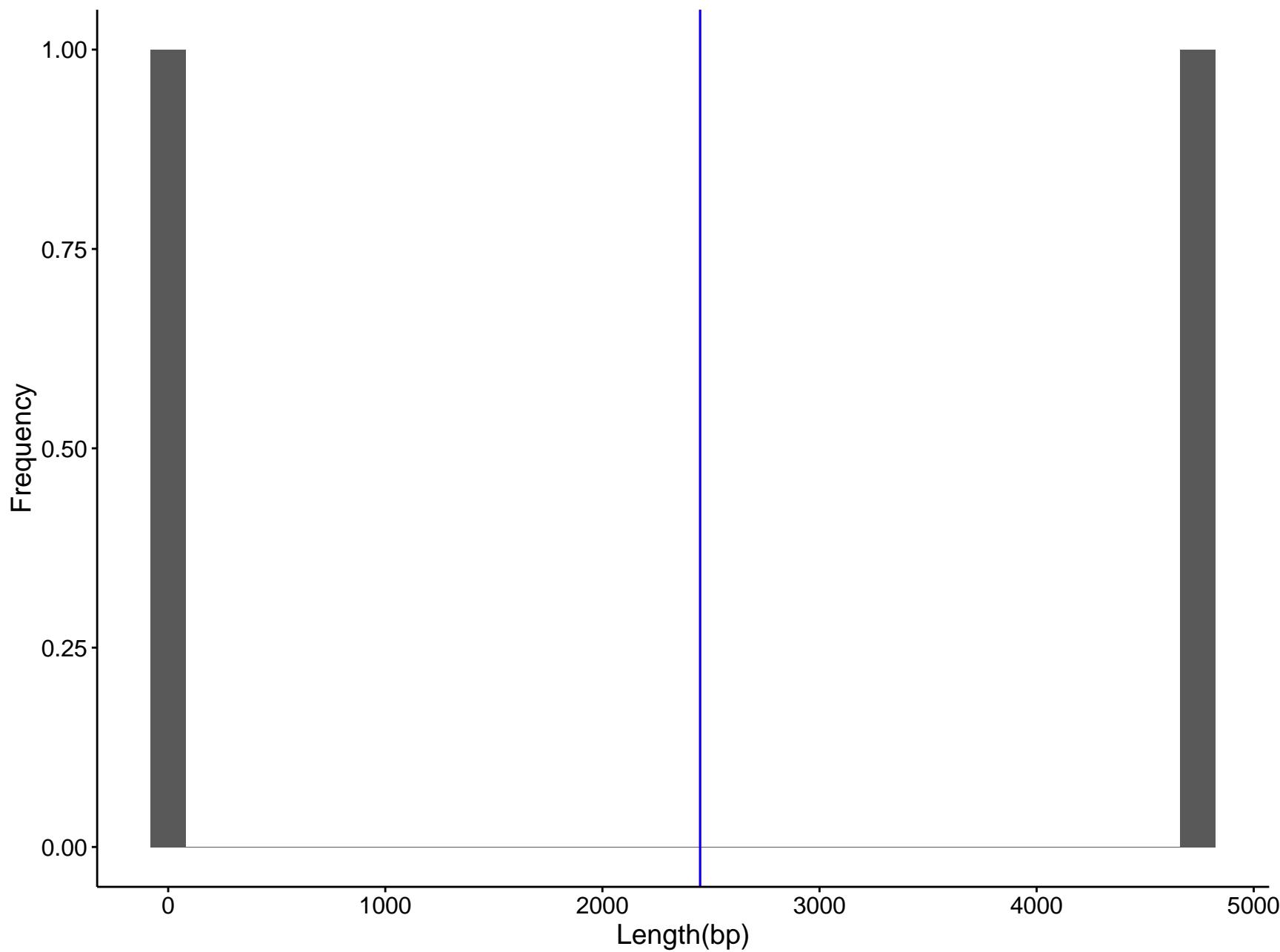
Cluster1377

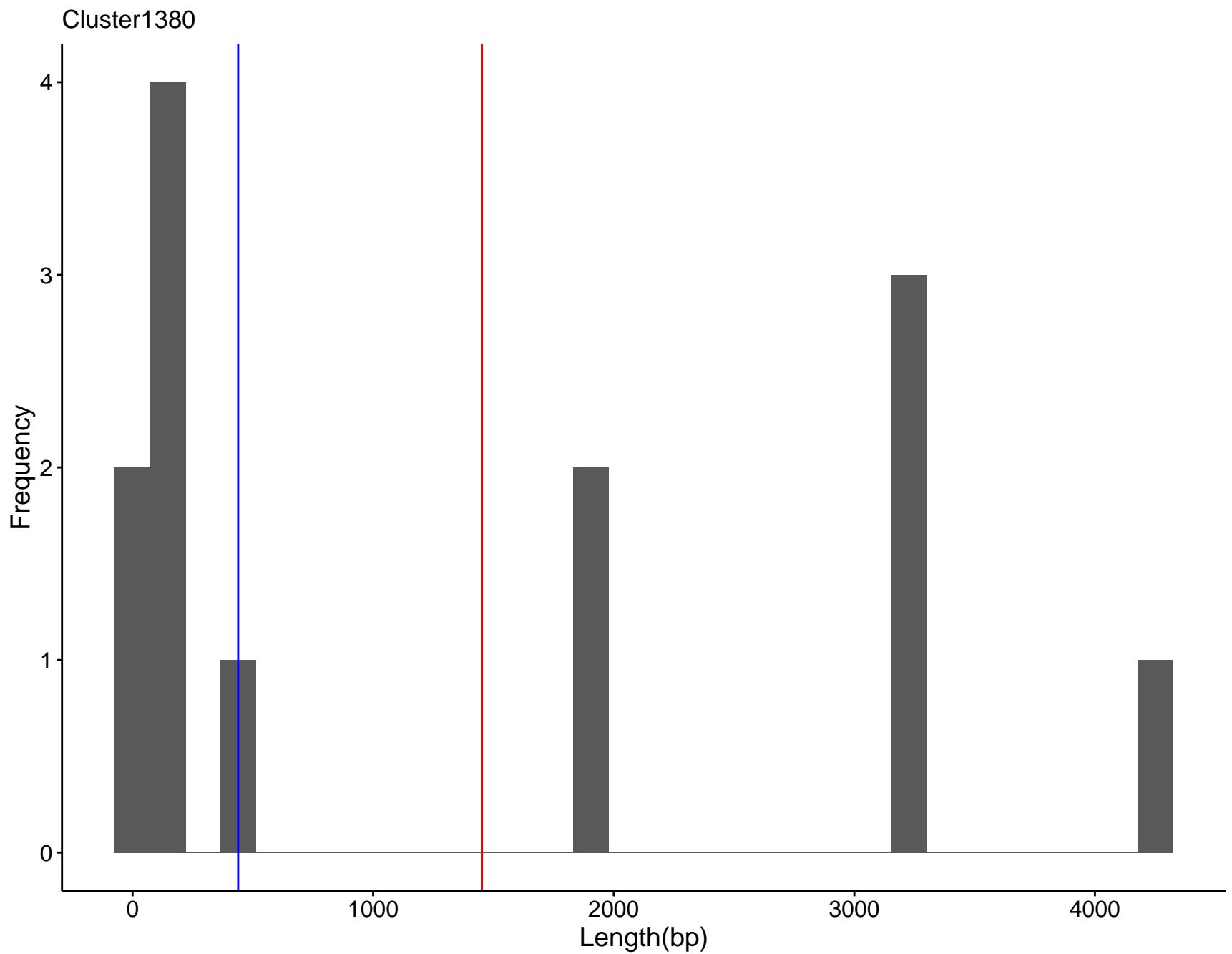


Cluster1378

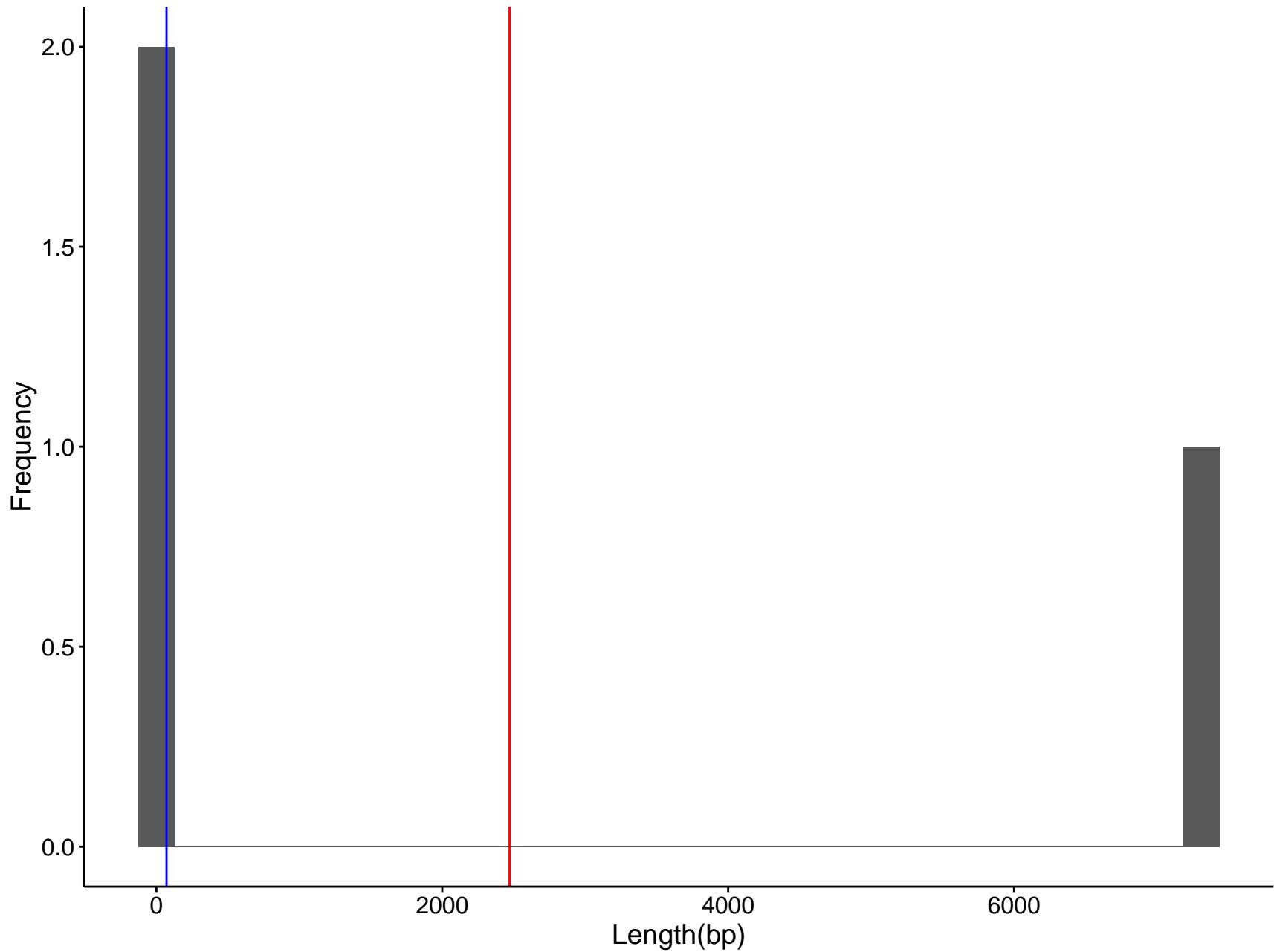


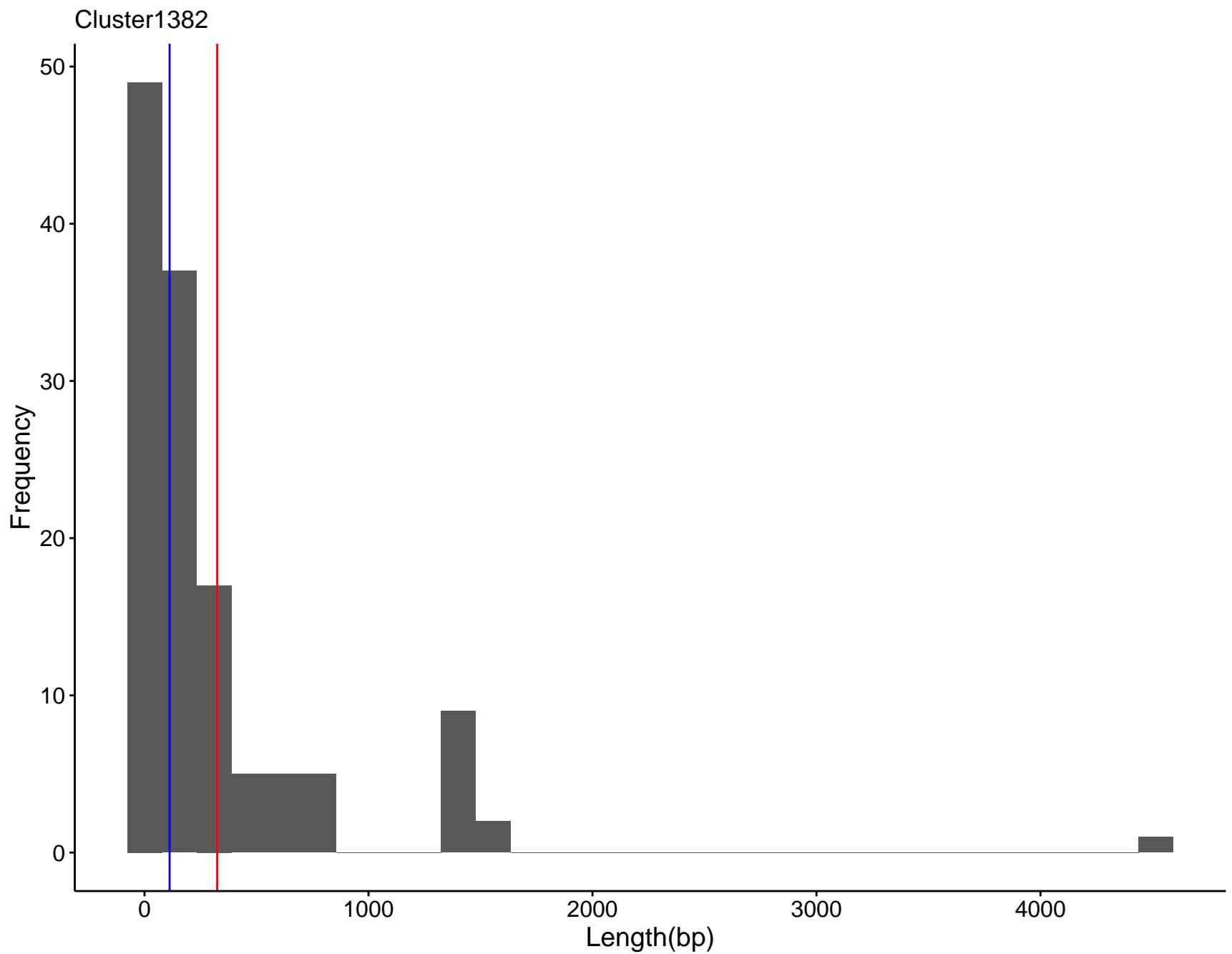
Cluster1379



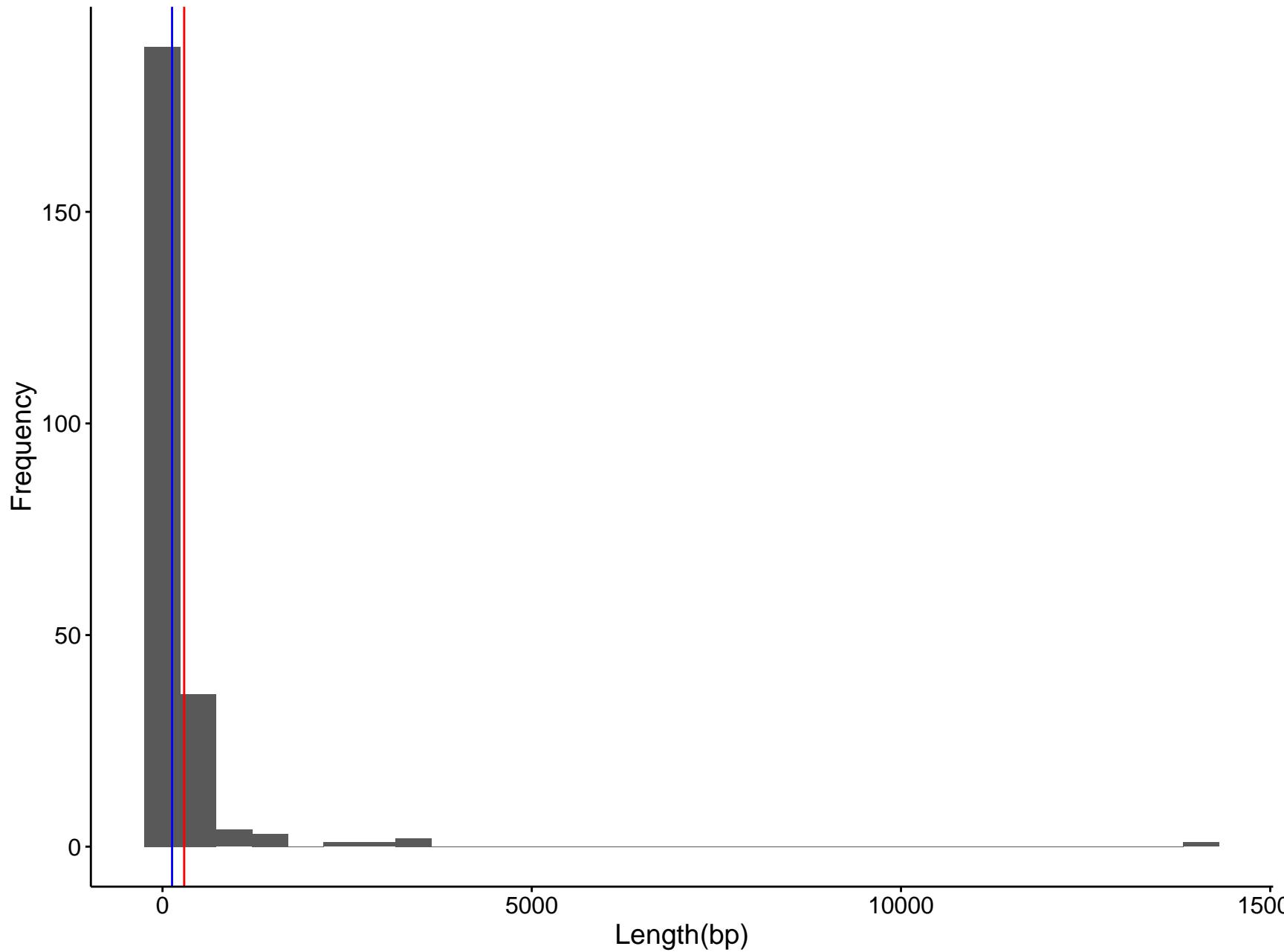


Cluster1381

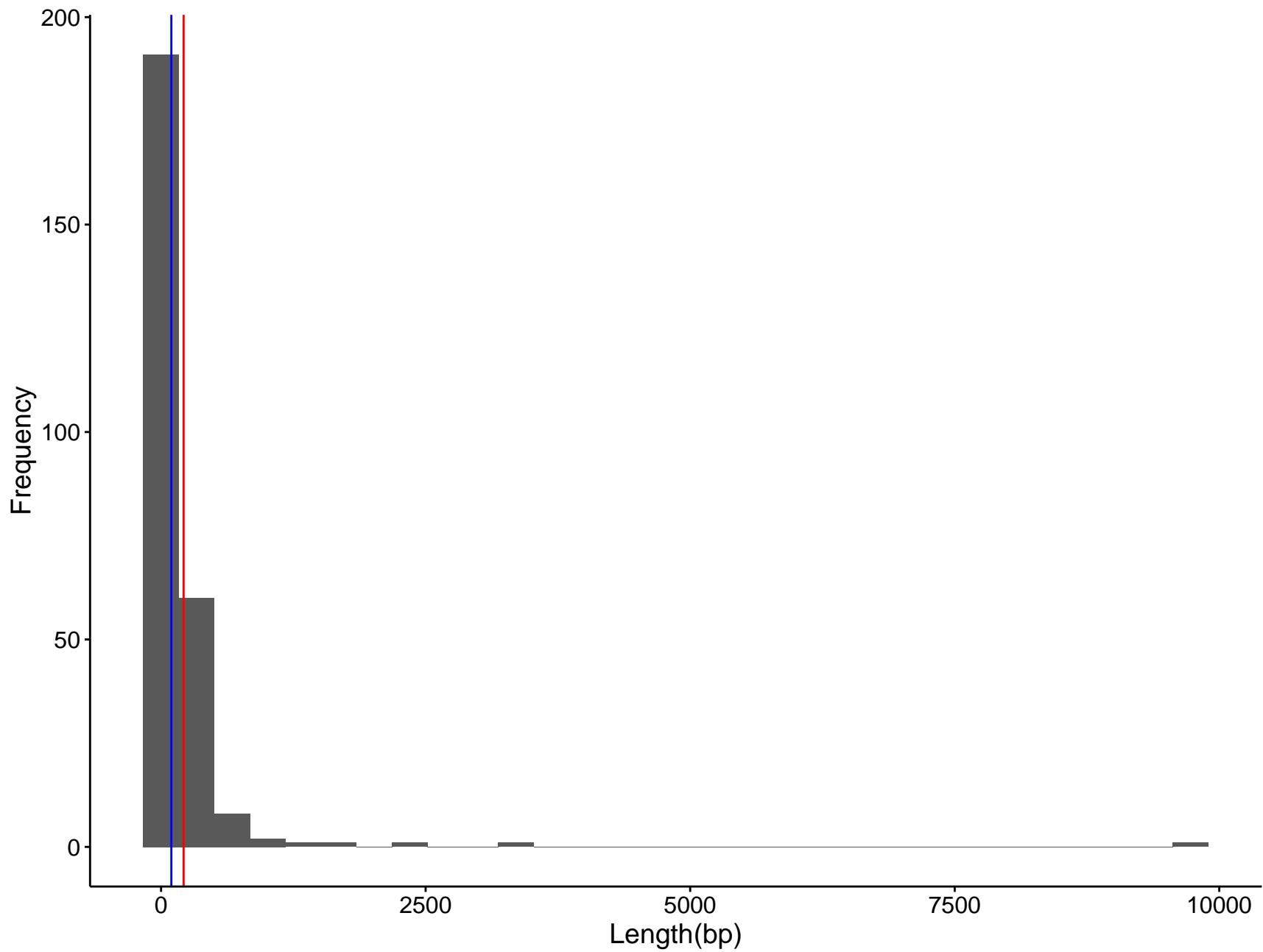




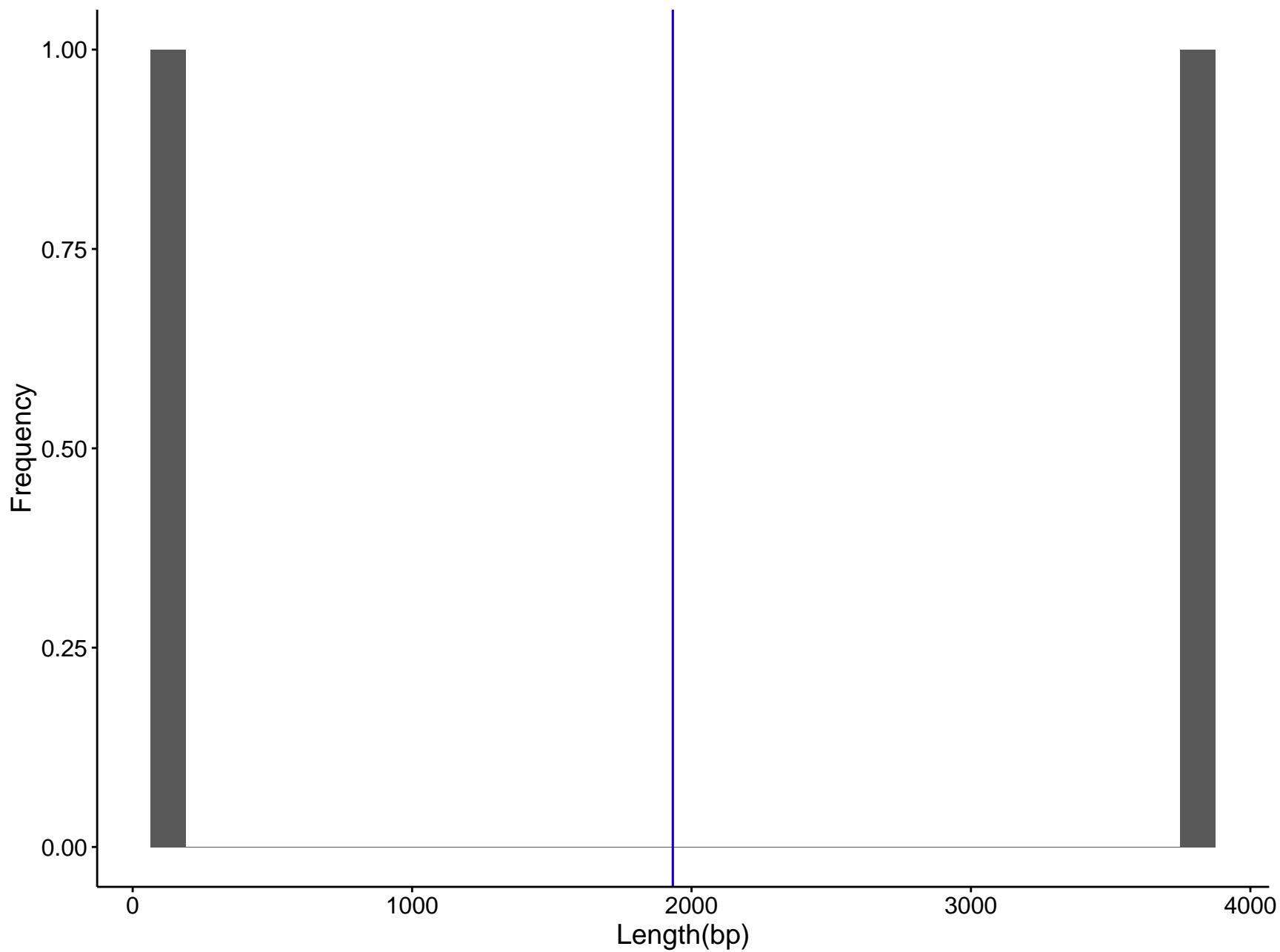
Cluster1383



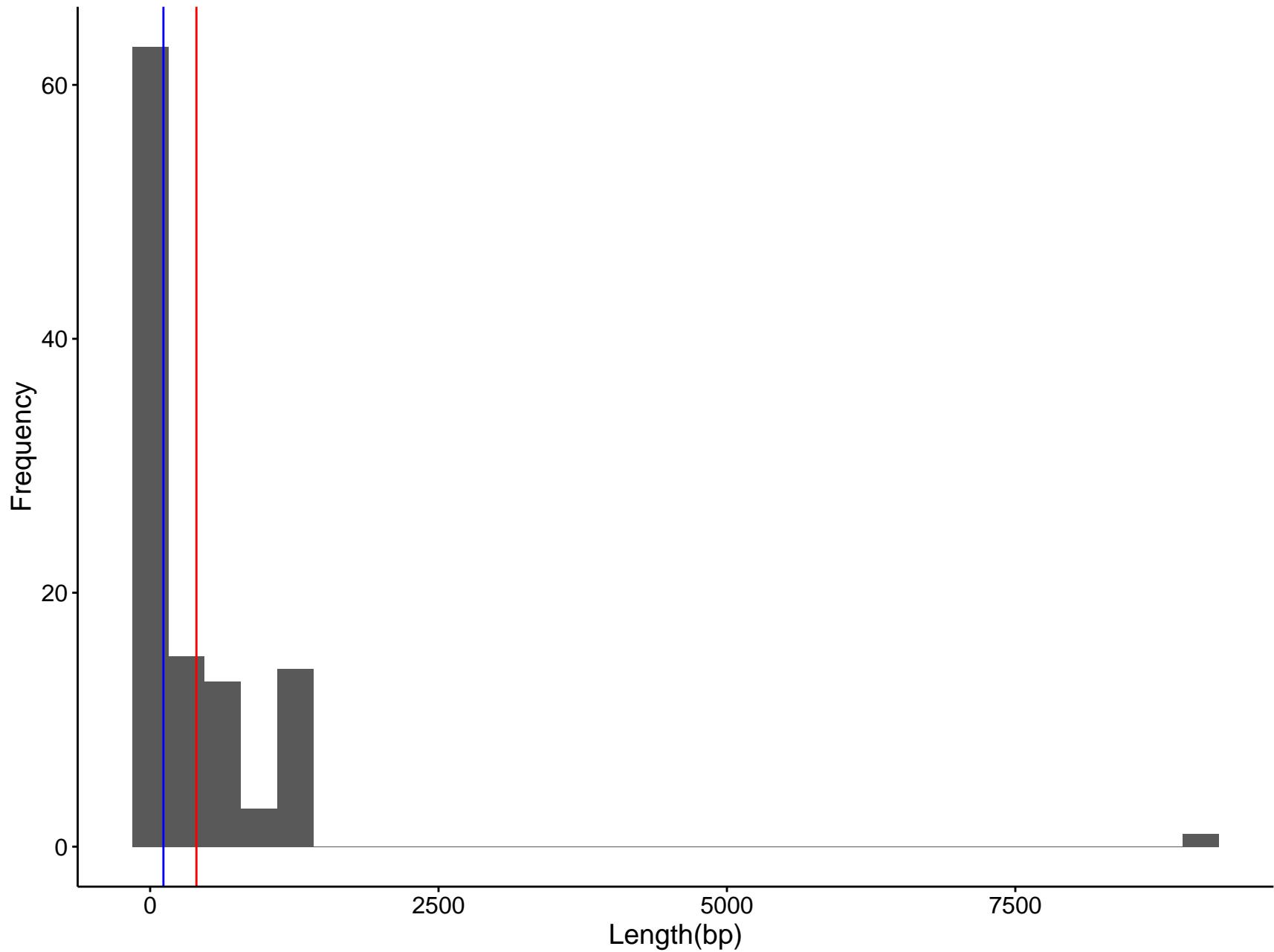
Cluster1384



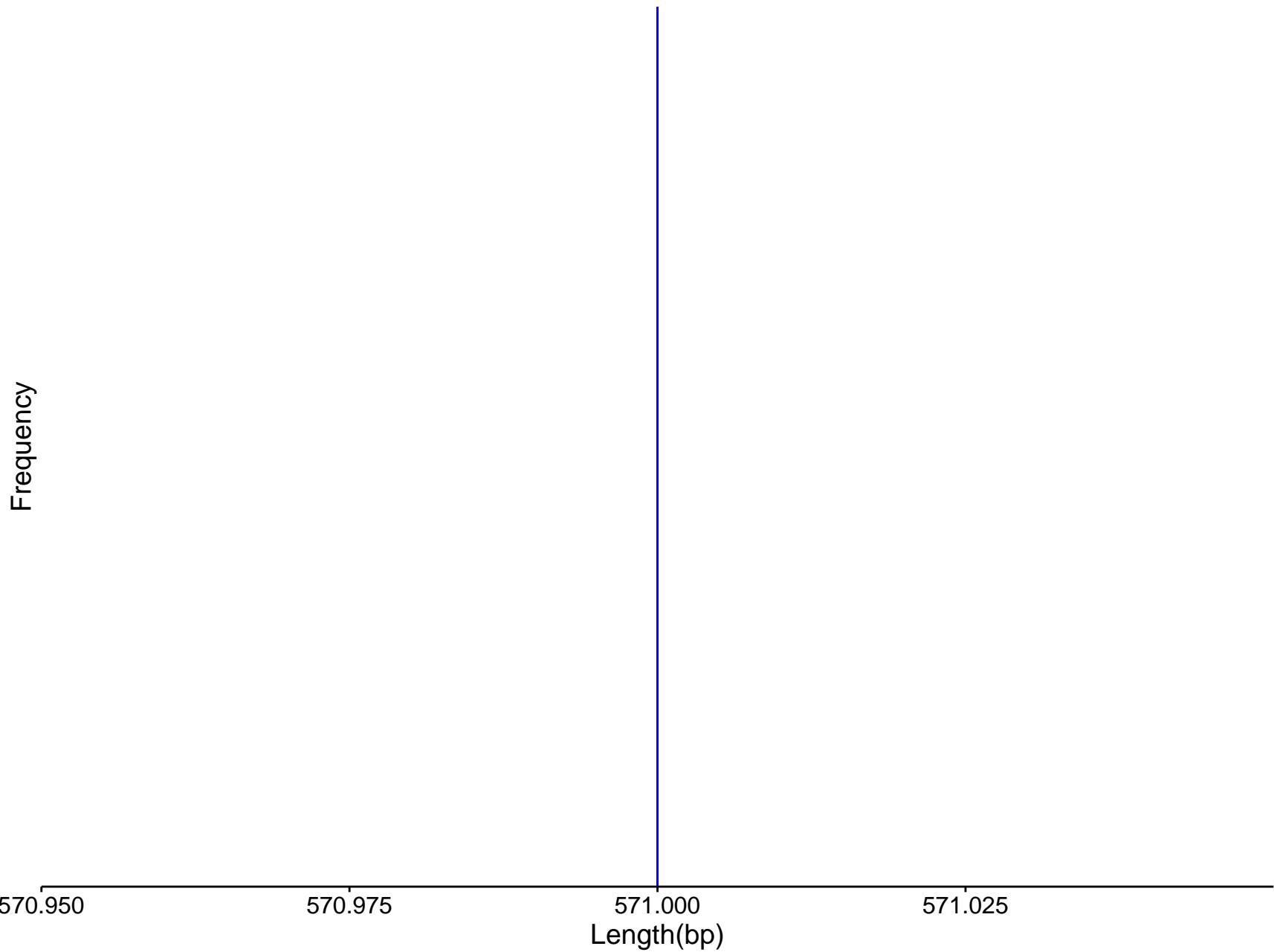
Cluster1385



Cluster1386



Cluster1387



Cluster1389

Frequency

484.950

484.975

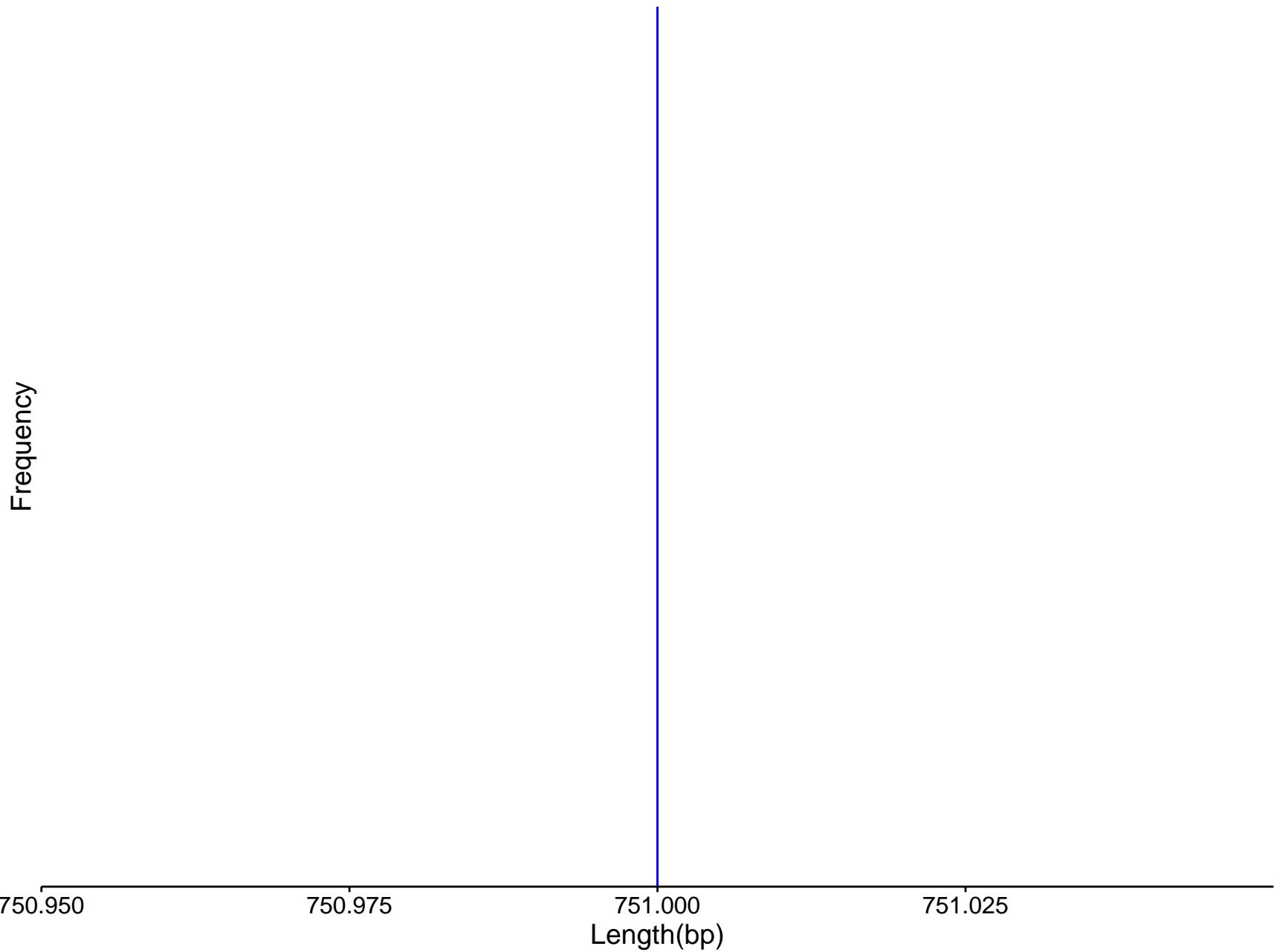
485.000

485.025

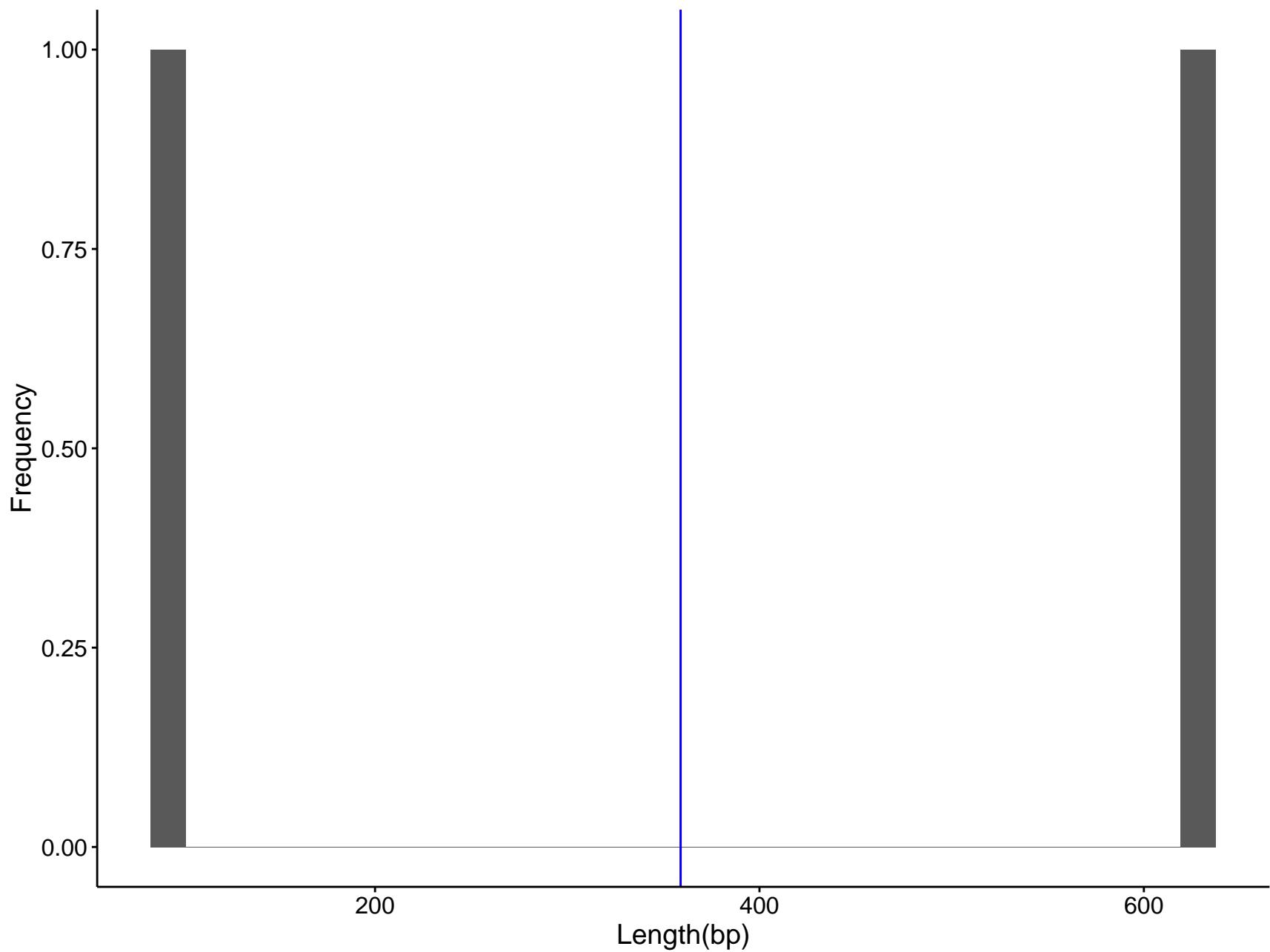
Length(bp)



Cluster138



Cluster1390



Cluster1393

Frequency

587.950

587.975

588.000

588.025

Length(bp)



Cluster1394

Frequency

867.950

867.975

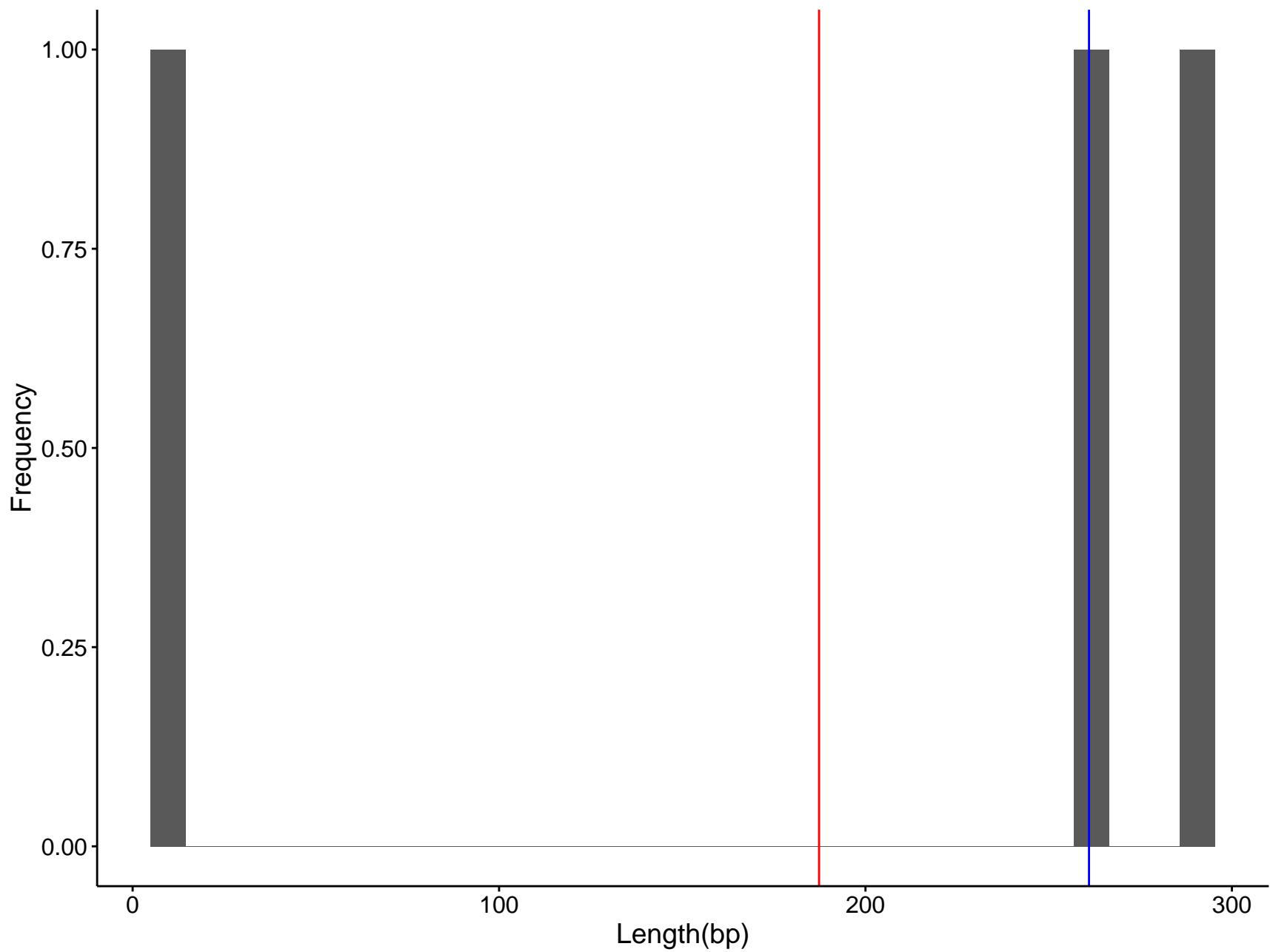
868.000

868.025

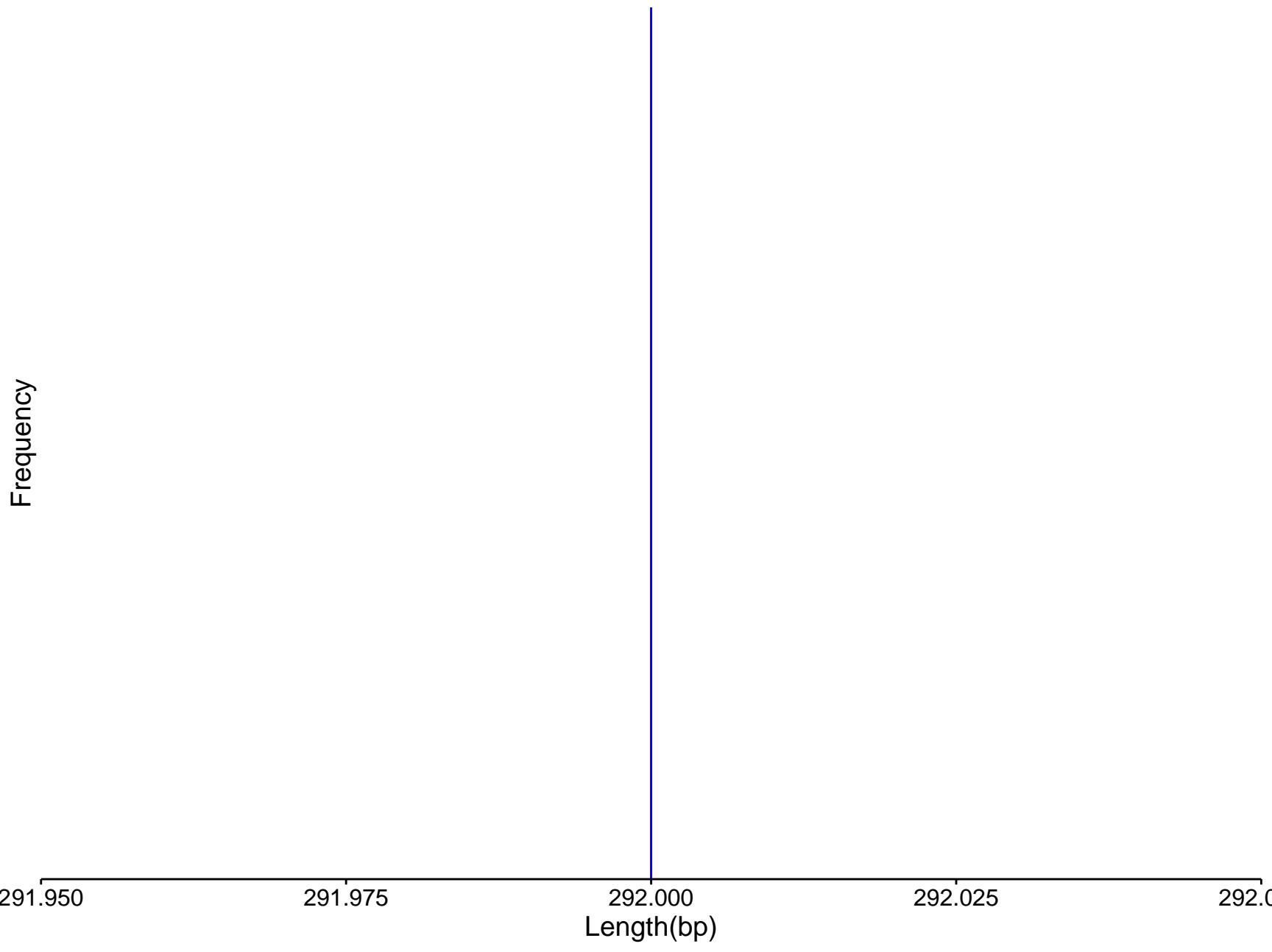
Length(bp)



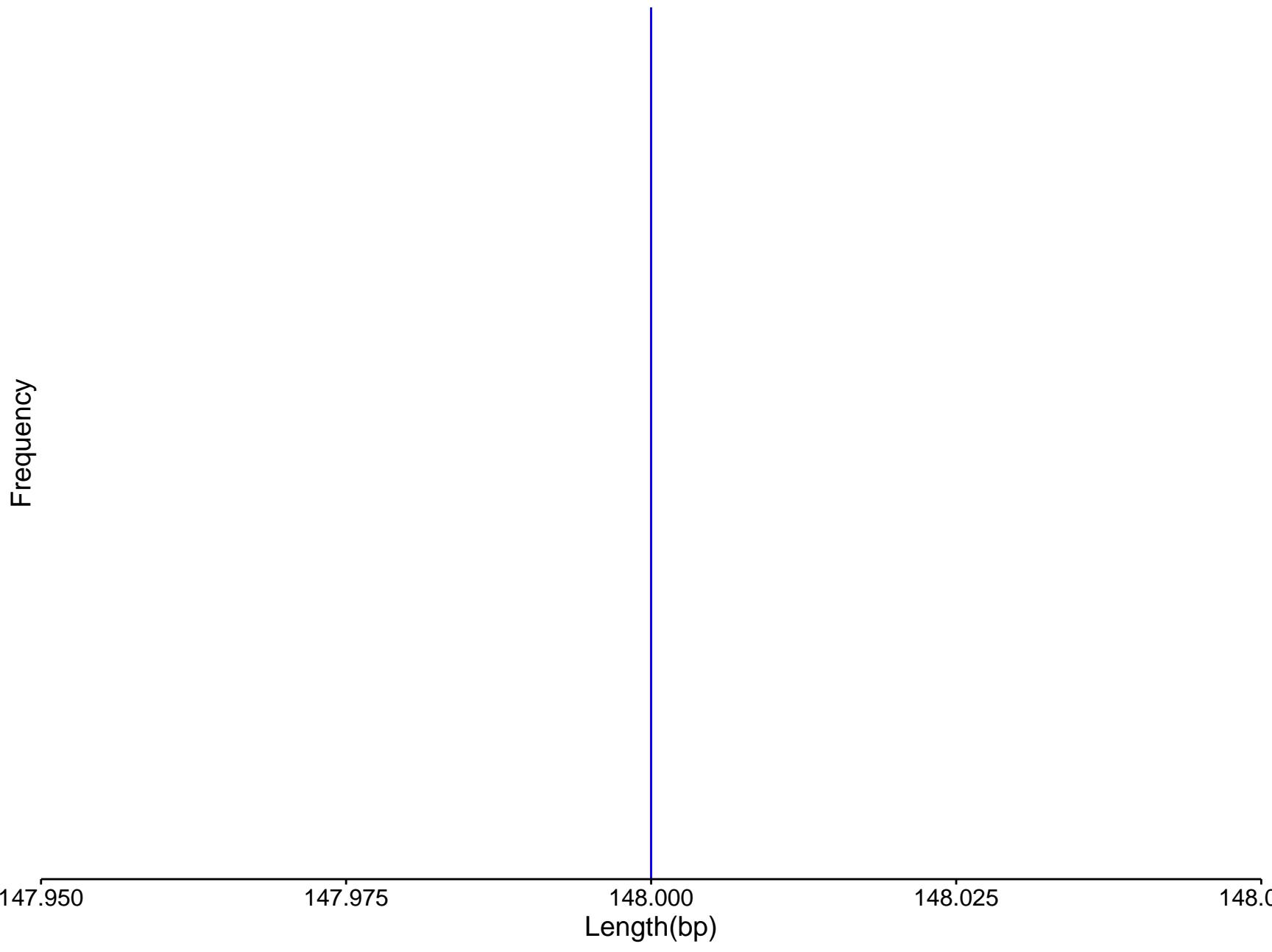
Cluster1395



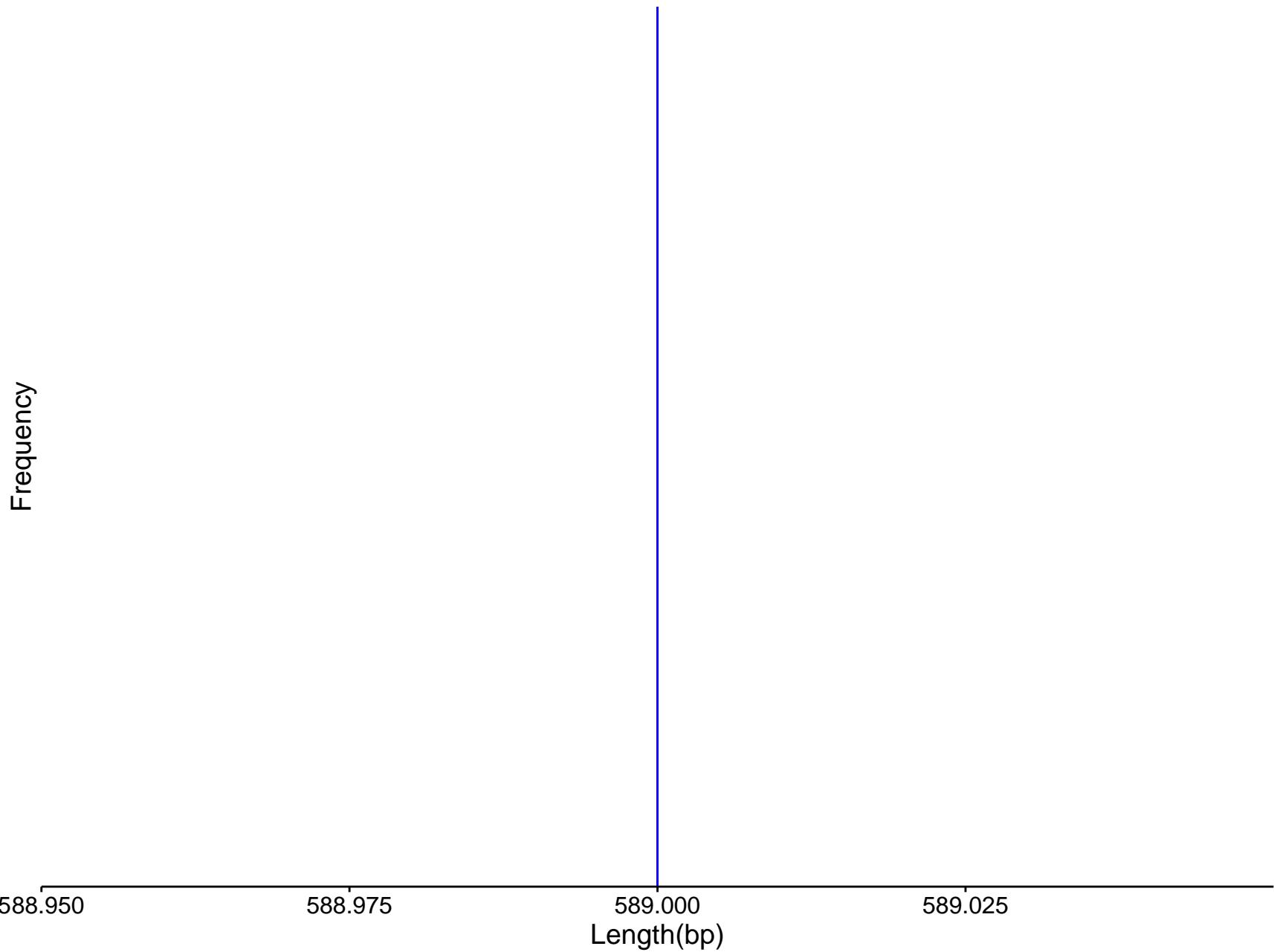
Cluster1396



Cluster1397



Cluster1398



Cluster1399

Frequency

528.950

528.975

529.000

529.025

Length(bp)



Cluster1400

Frequency

765.950

765.975

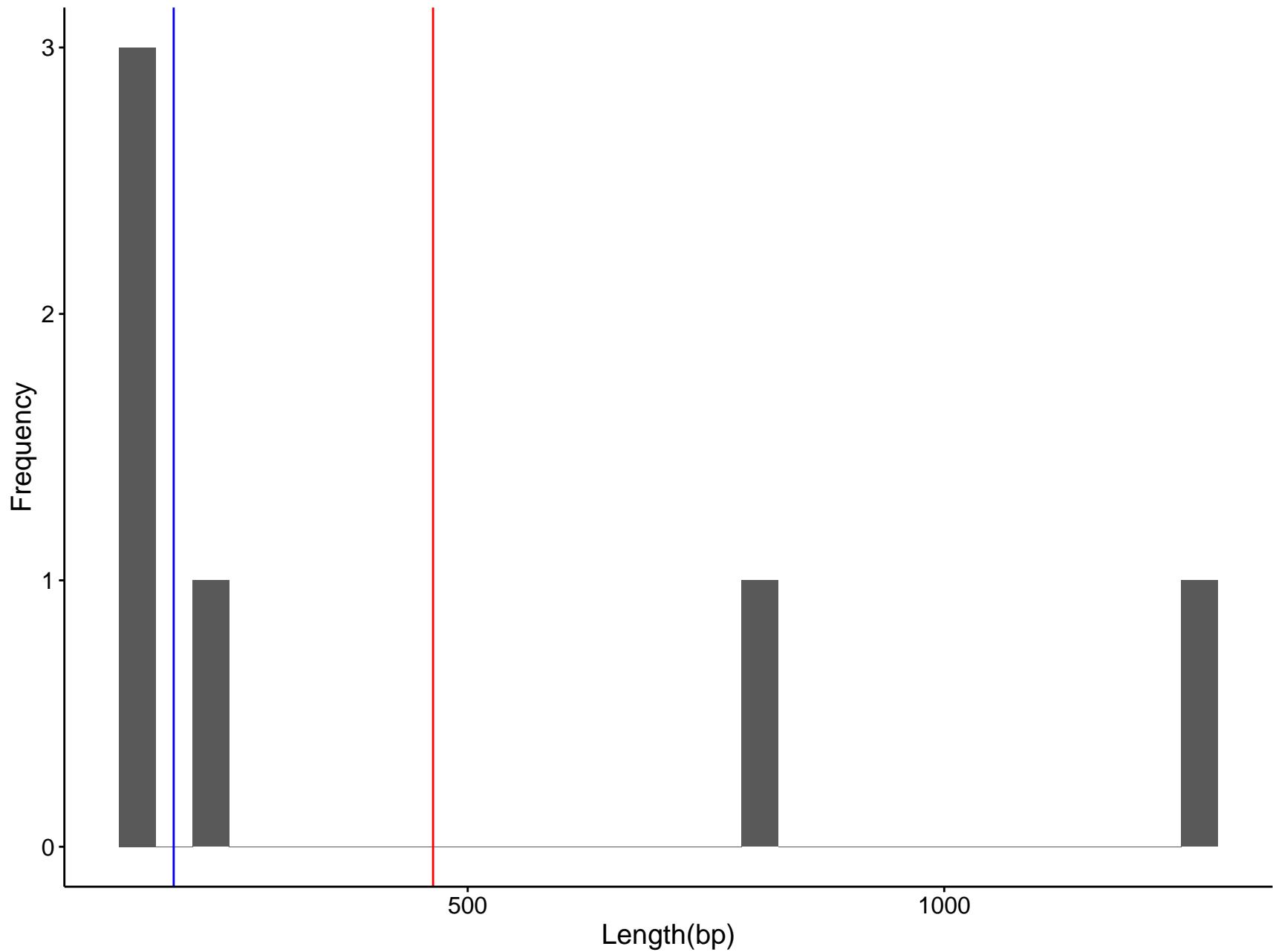
766.000

766.025

Length(bp)



Cluster1402



Cluster1405

Frequency

213.950

213.975

214.000

214.025

214.050

Length(bp)



Cluster1412

Frequency

489.950

489.975

490.000

490.025

Length(bp)



Cluster1413

Frequency

424.950

424.975

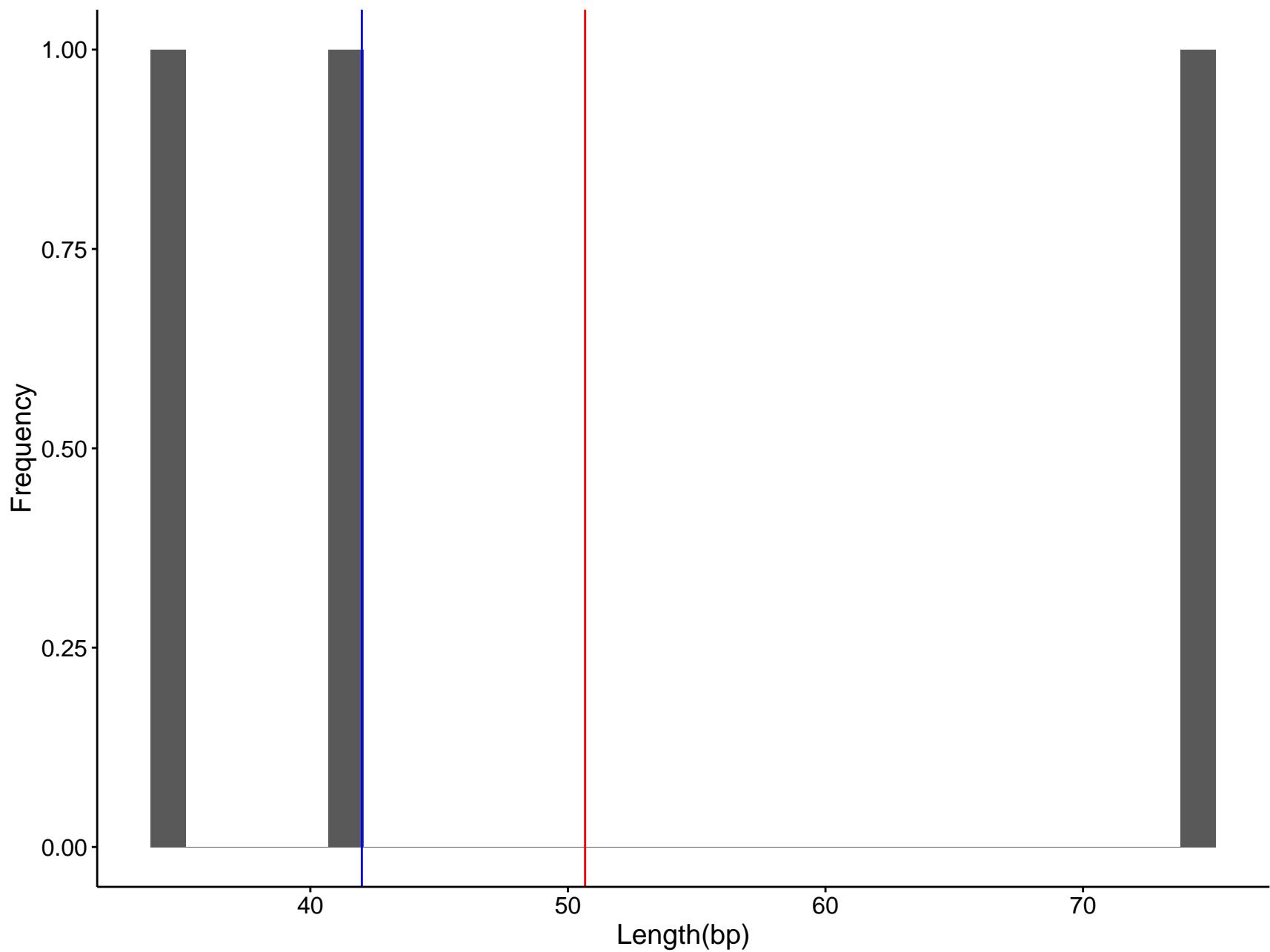
425.000

425.025

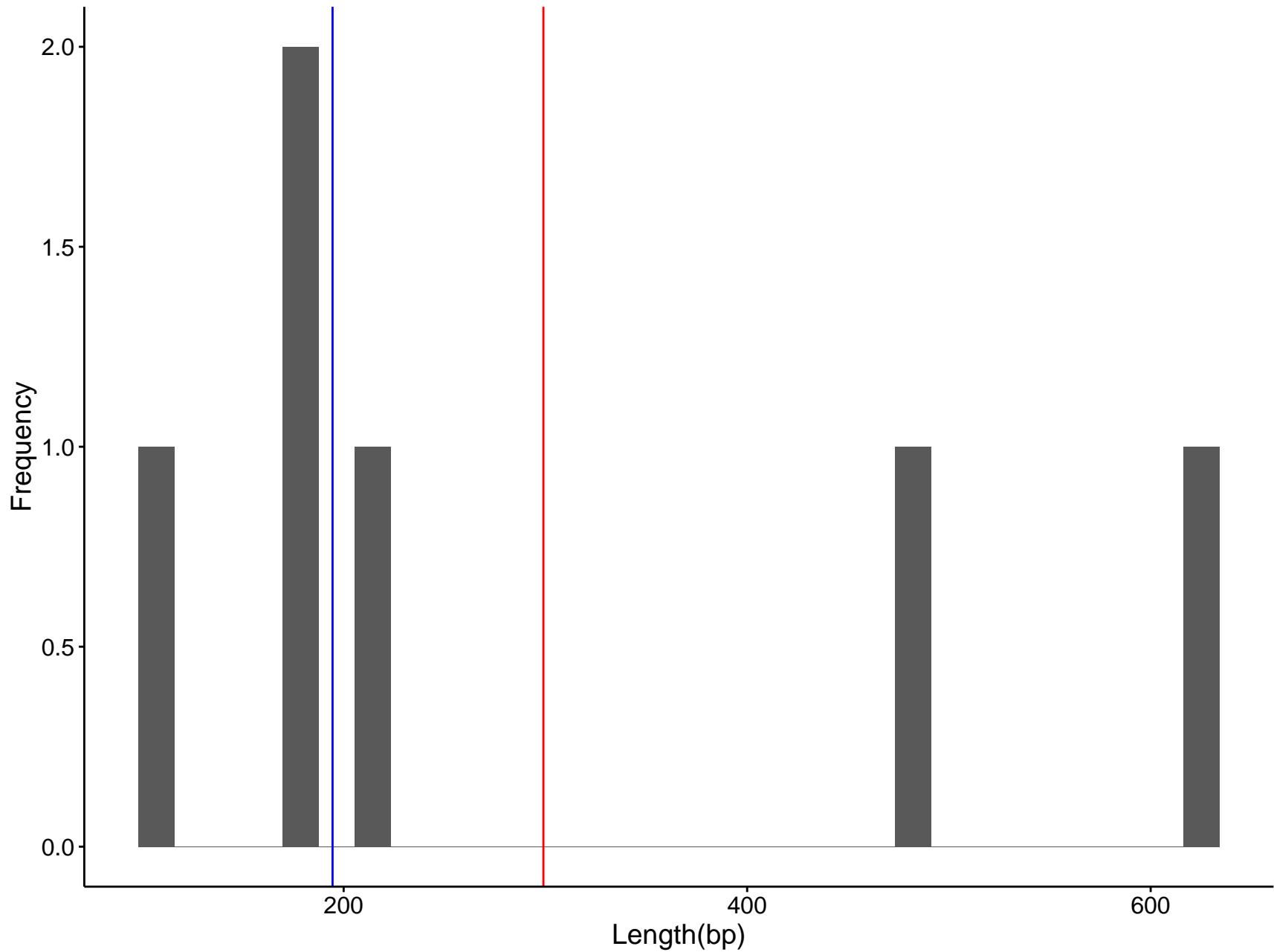
Length(bp)



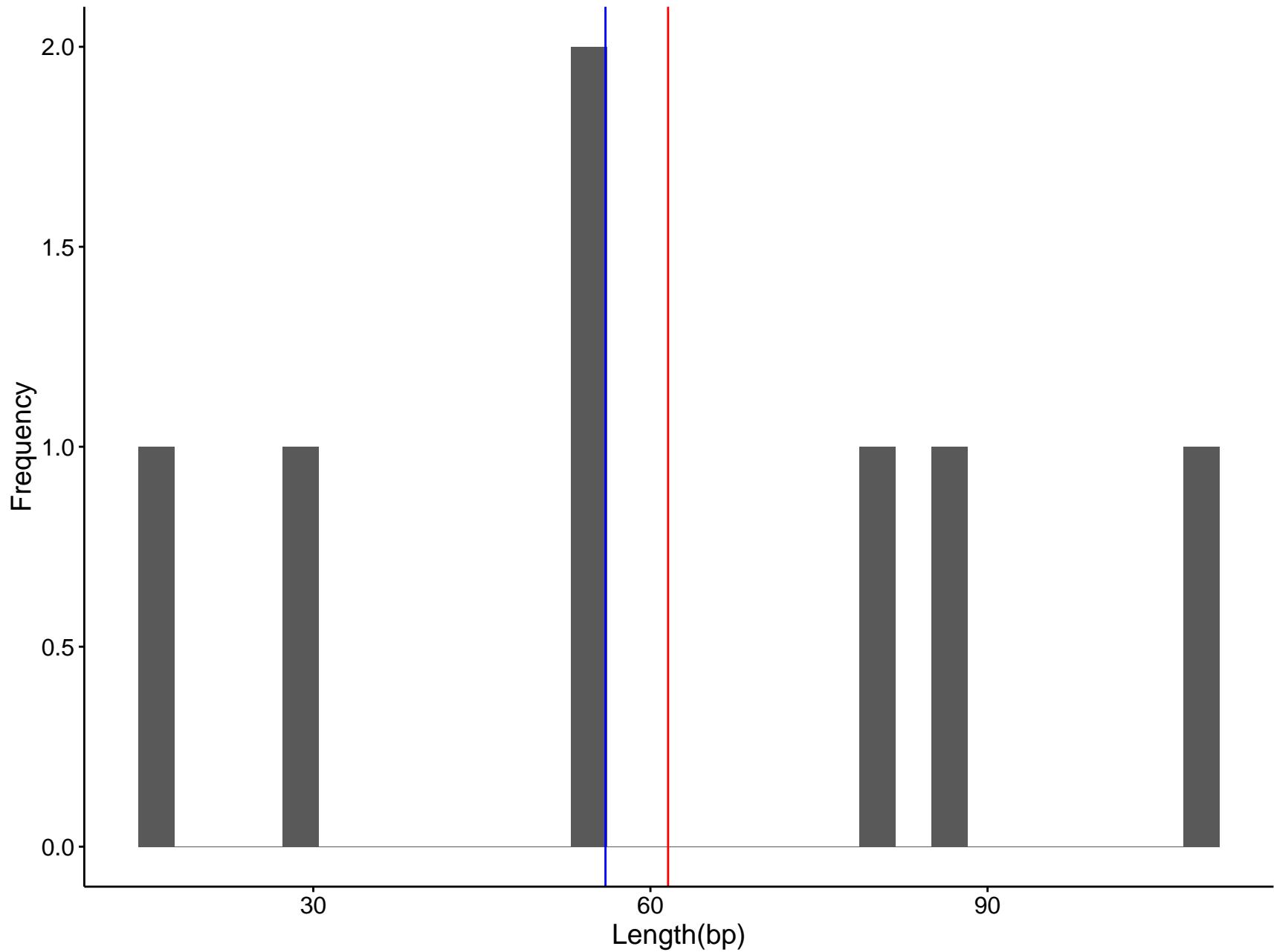
Cluster1414



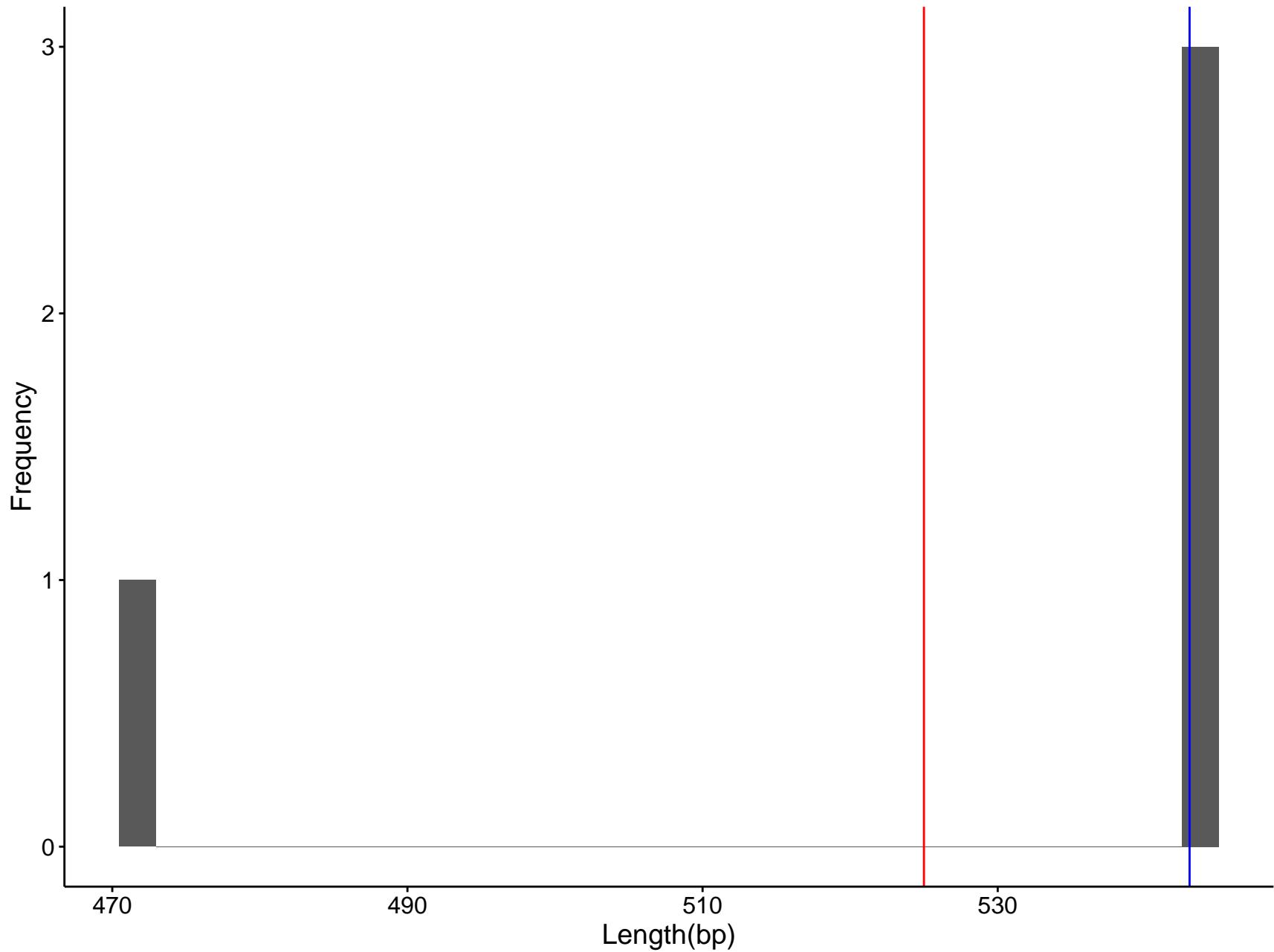
Cluster1416



Cluster1417



Cluster1418



Cluster1421

Frequency

93.950

93.975

94.000

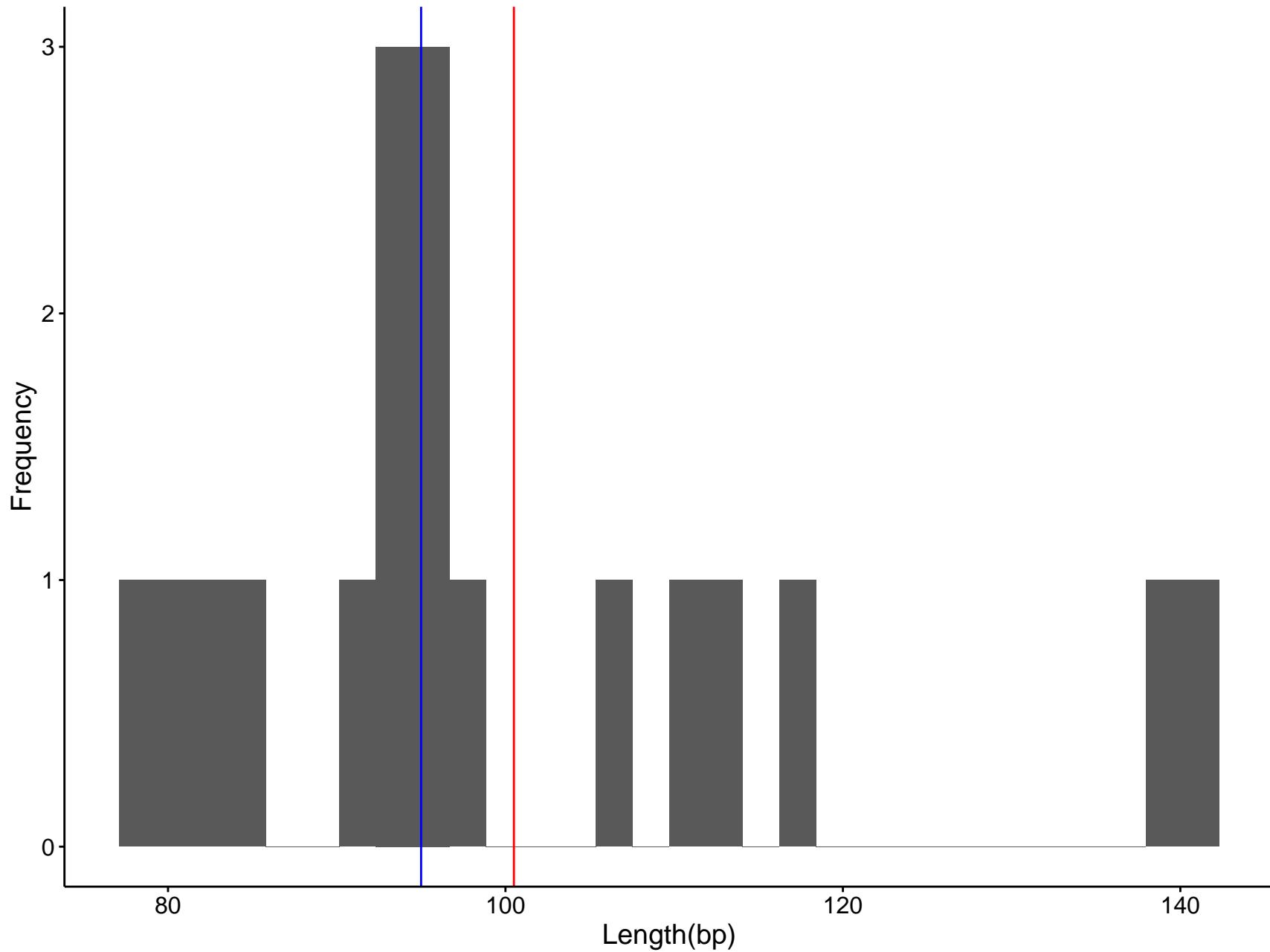
94.025

94.0

Length(bp)



Cluster1423



Cluster1425

Frequency

76.950

76.975

77.000

77.025

77.0

Length(bp)



Cluster1426

Frequency

48.950

48.975

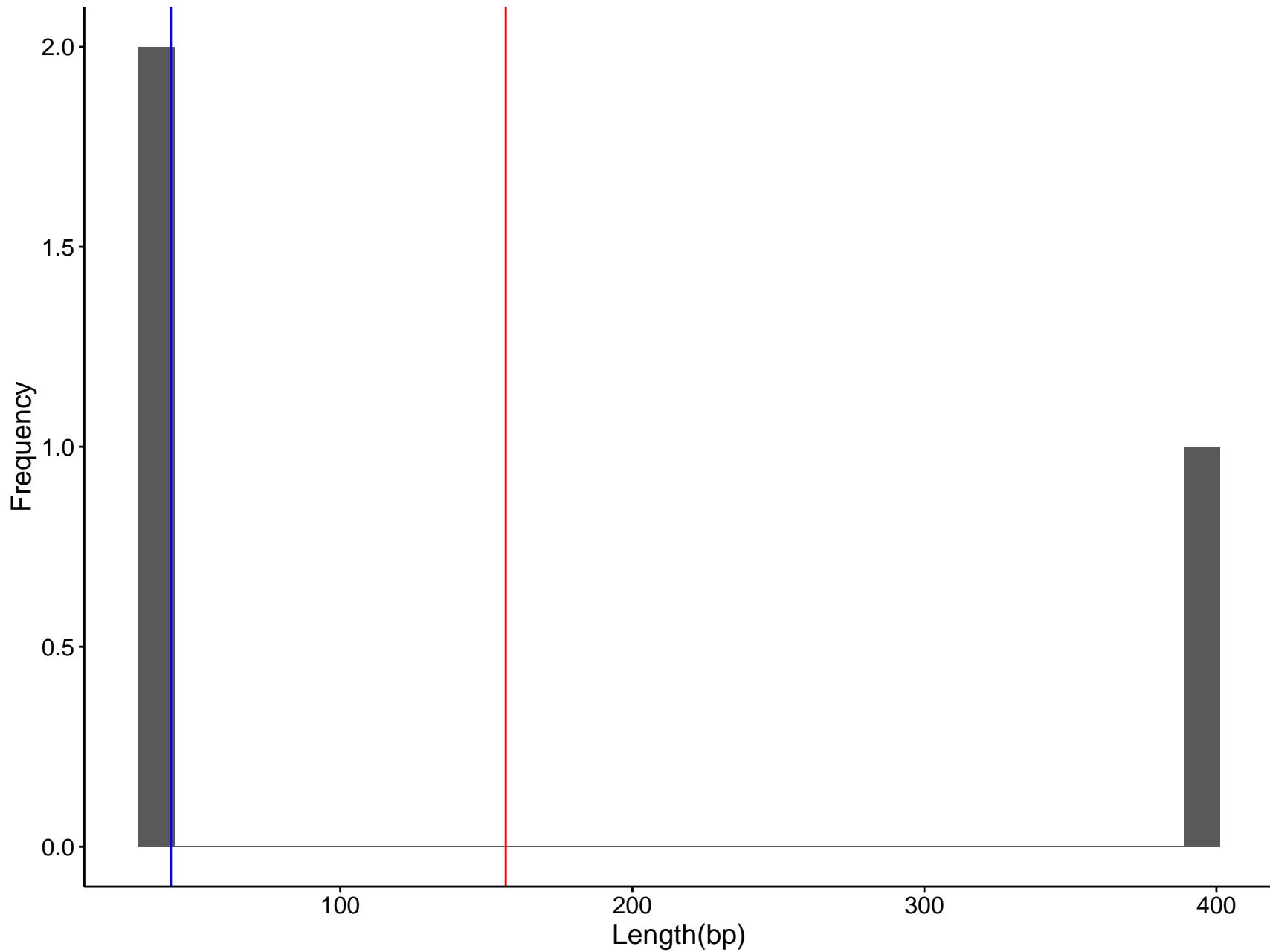
49.000

49.025

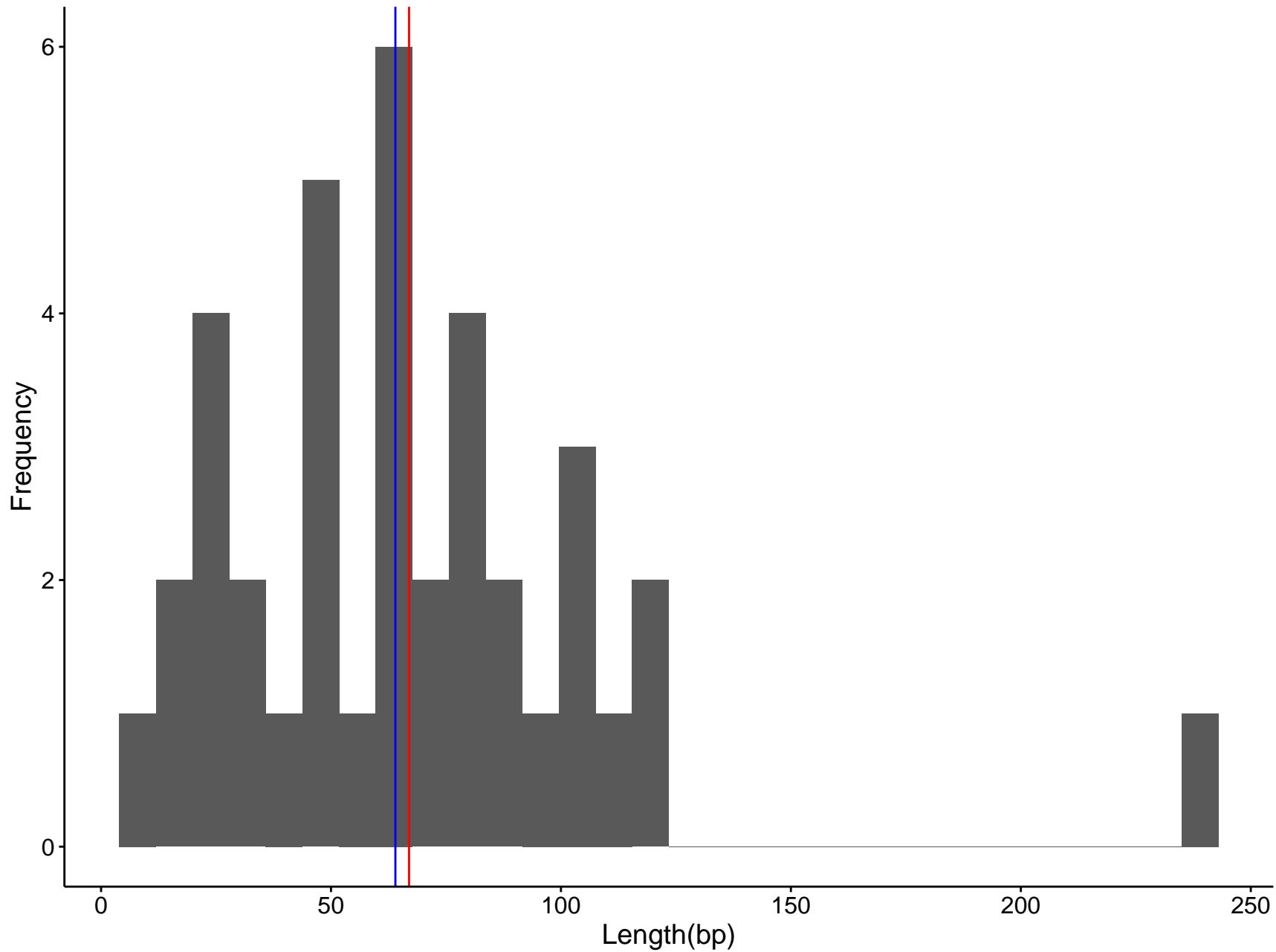
Length(bp)



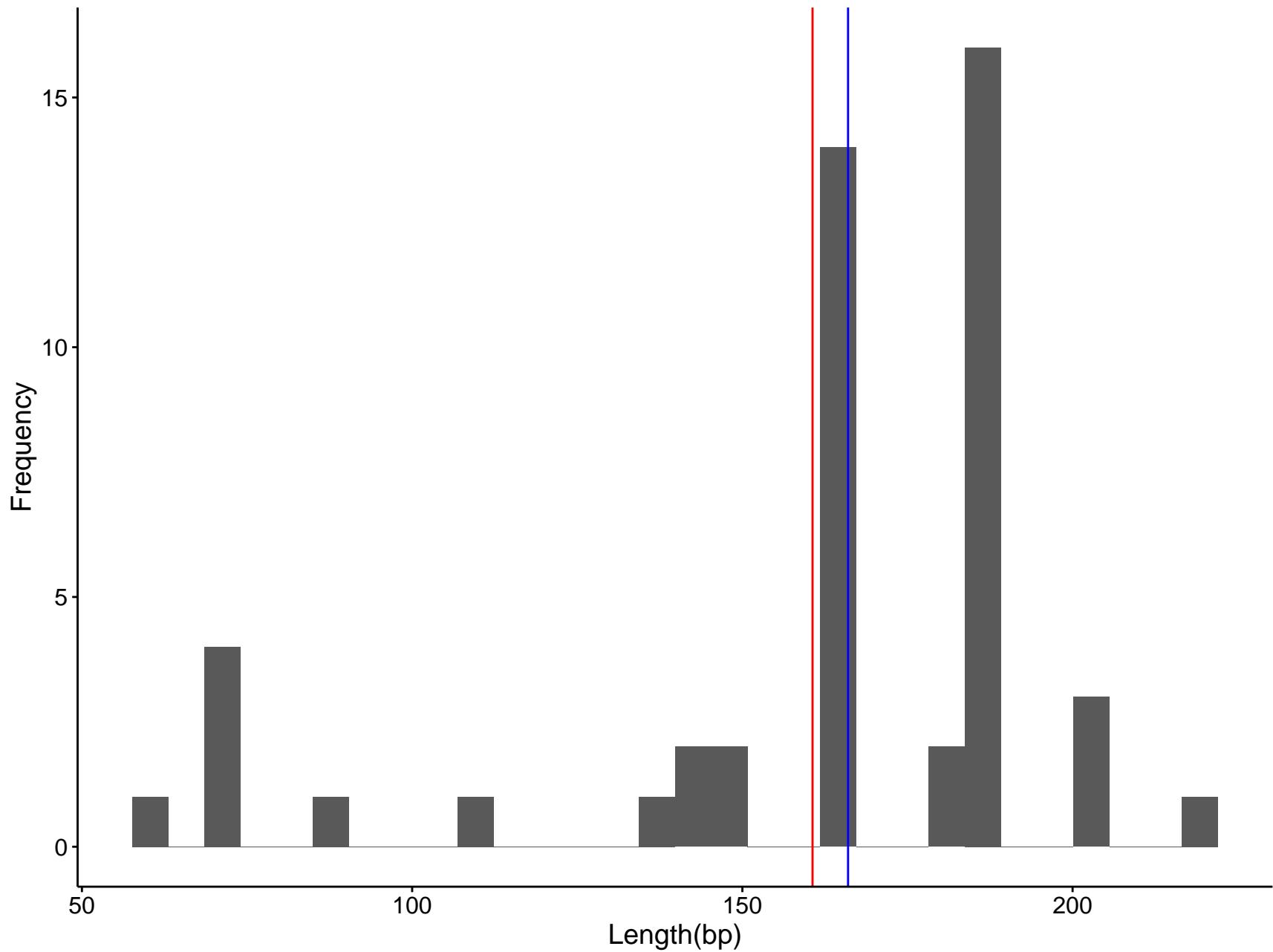
Cluster1427



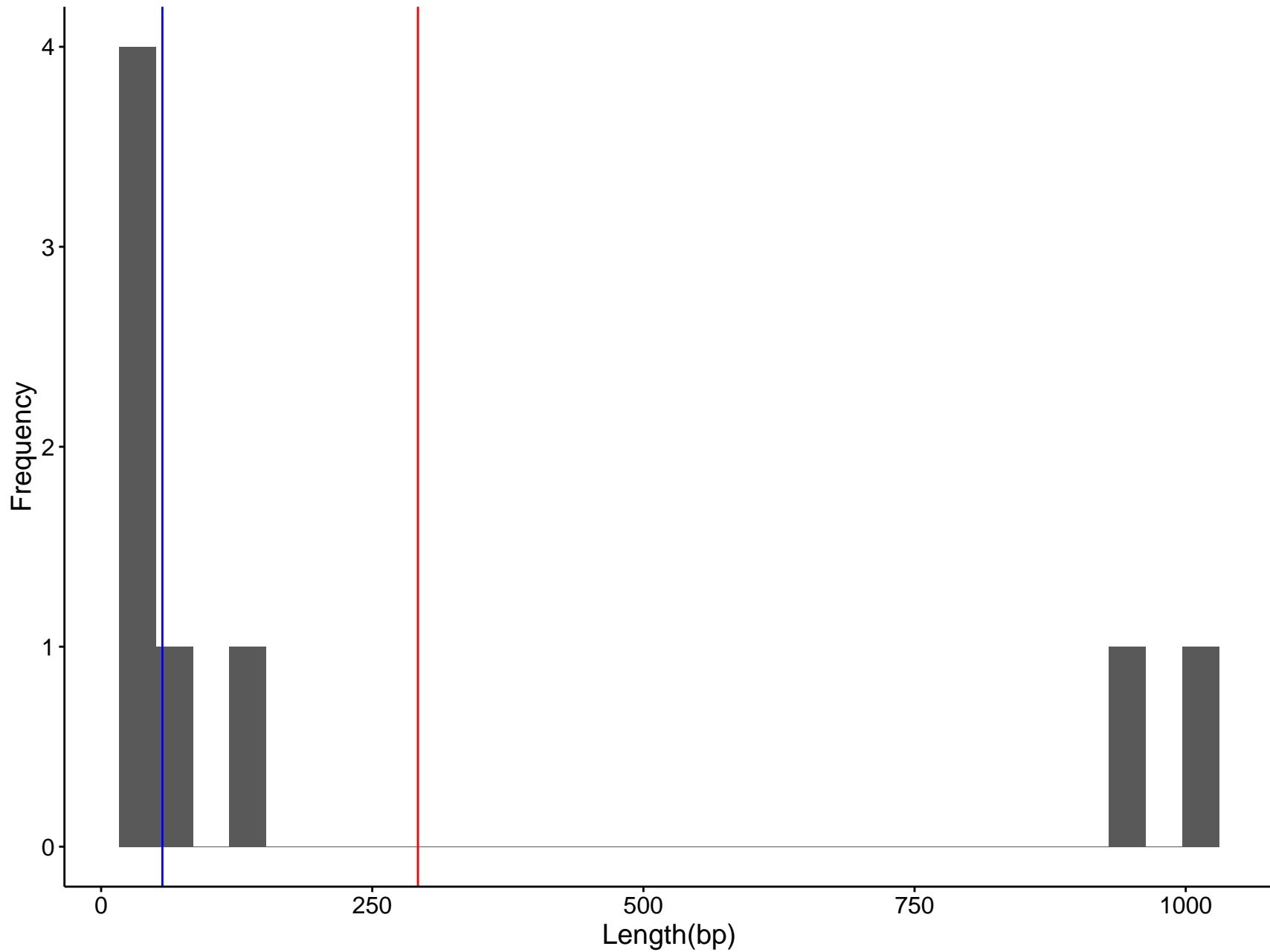
Cluster1428



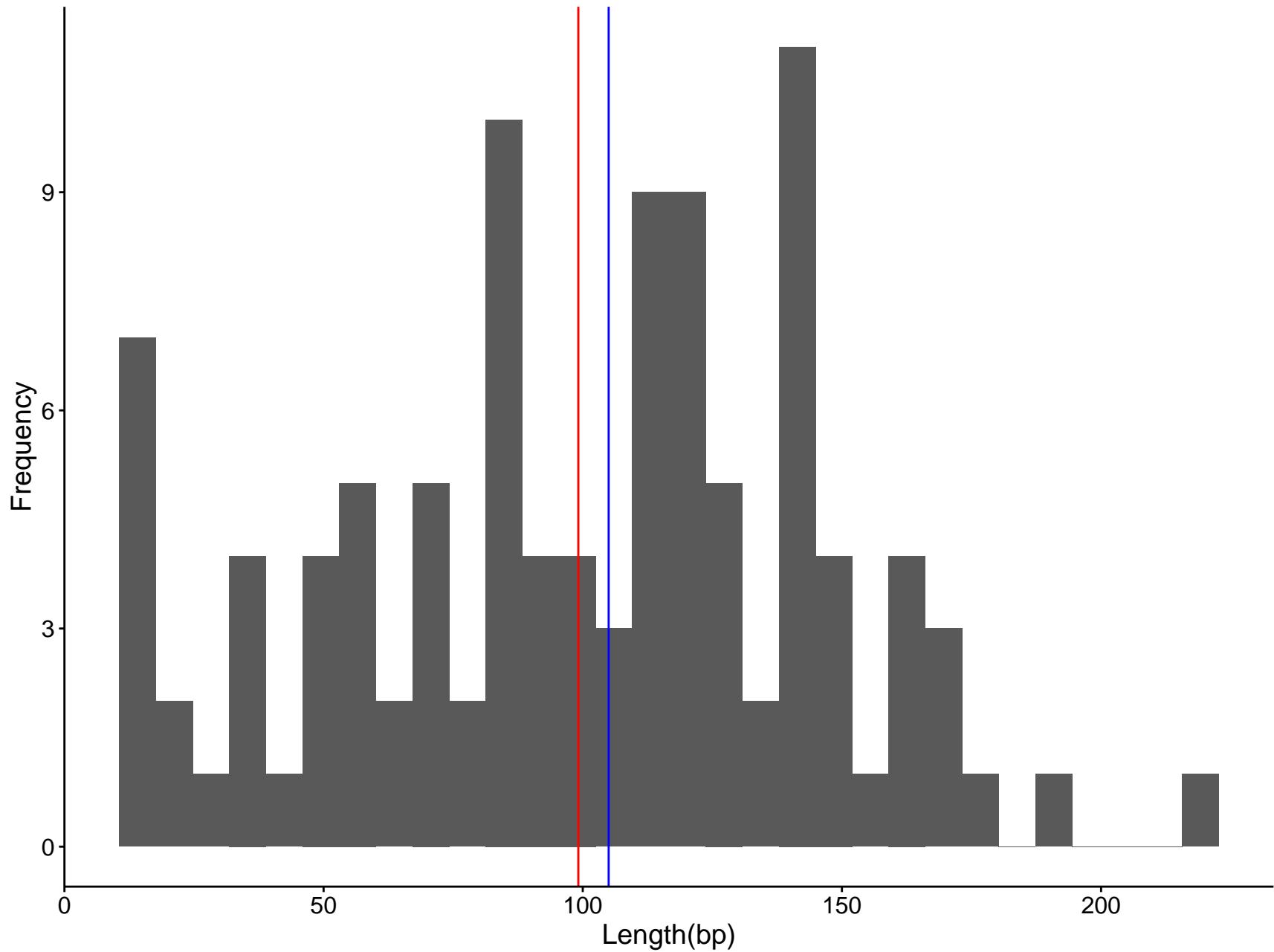
Cluster1429



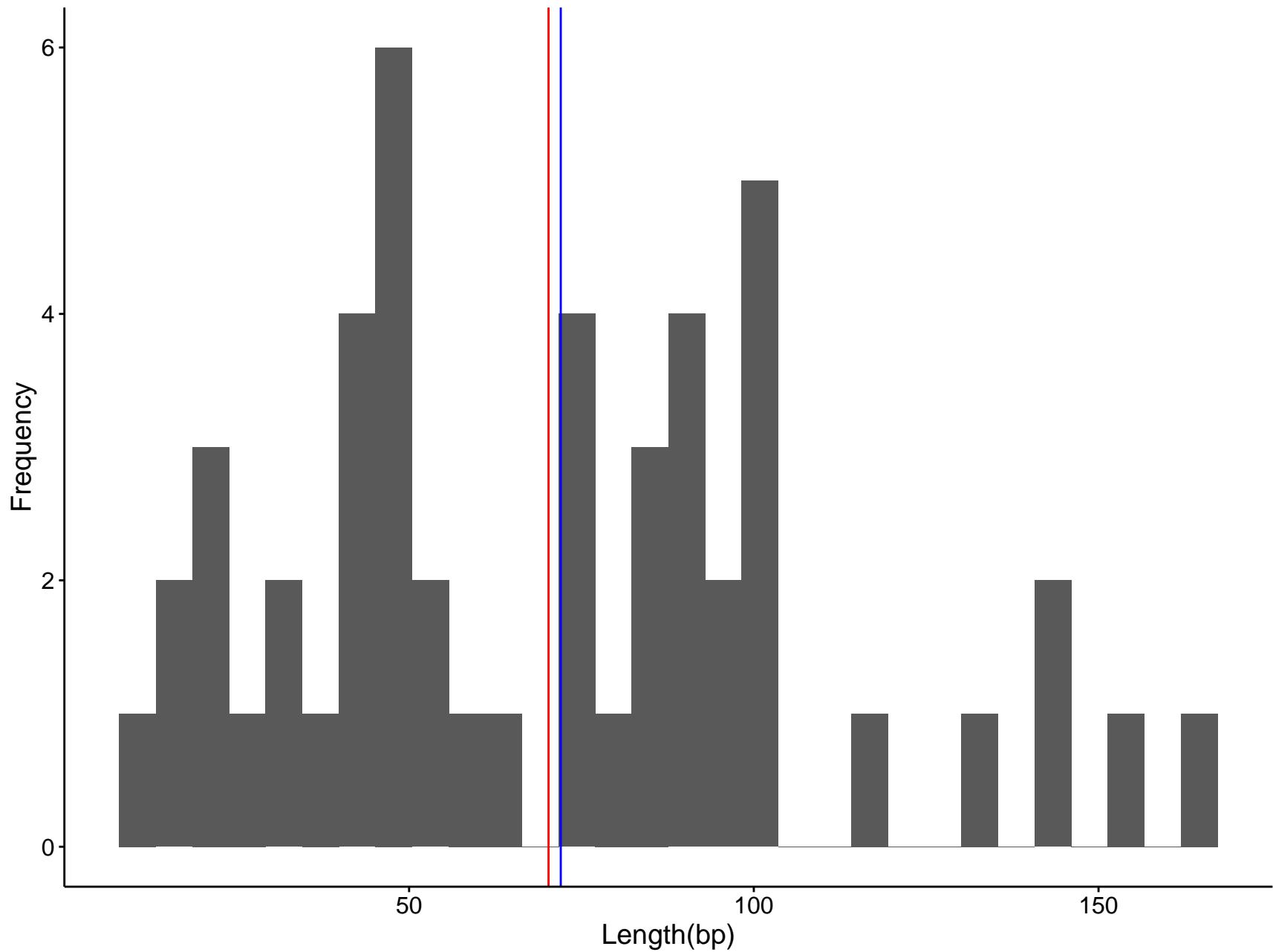
Cluster142



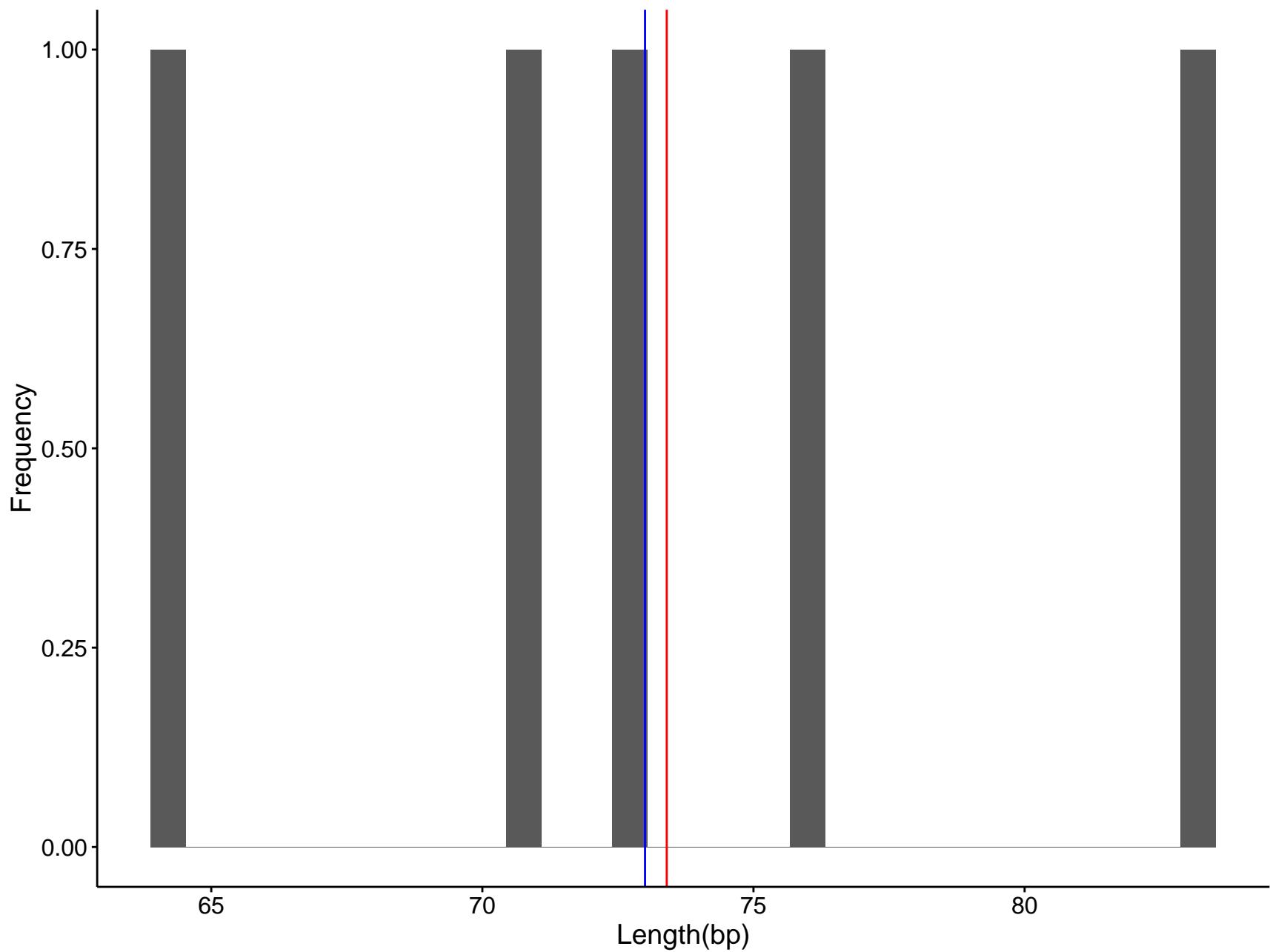
Cluster1430



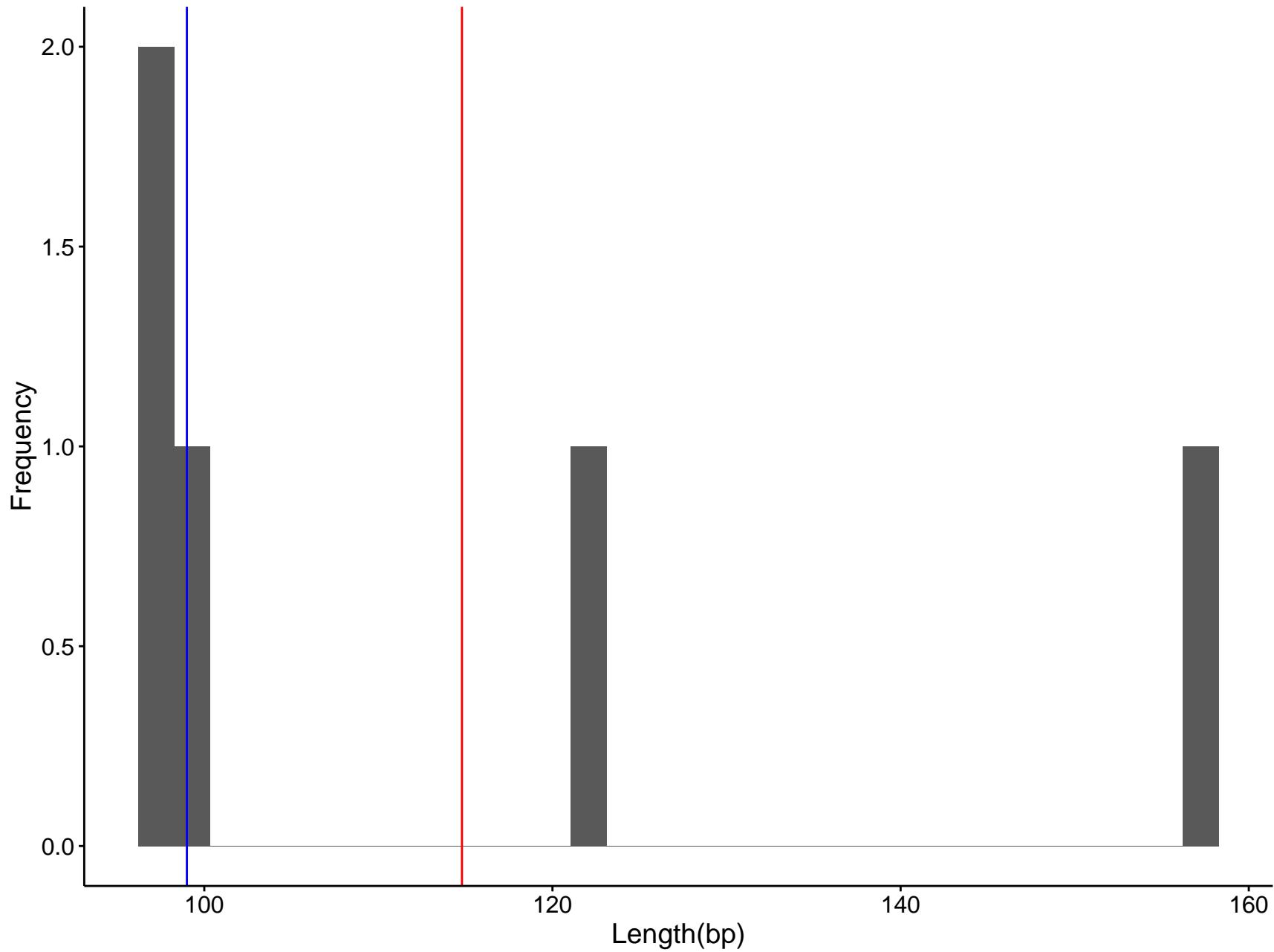
Cluster1431



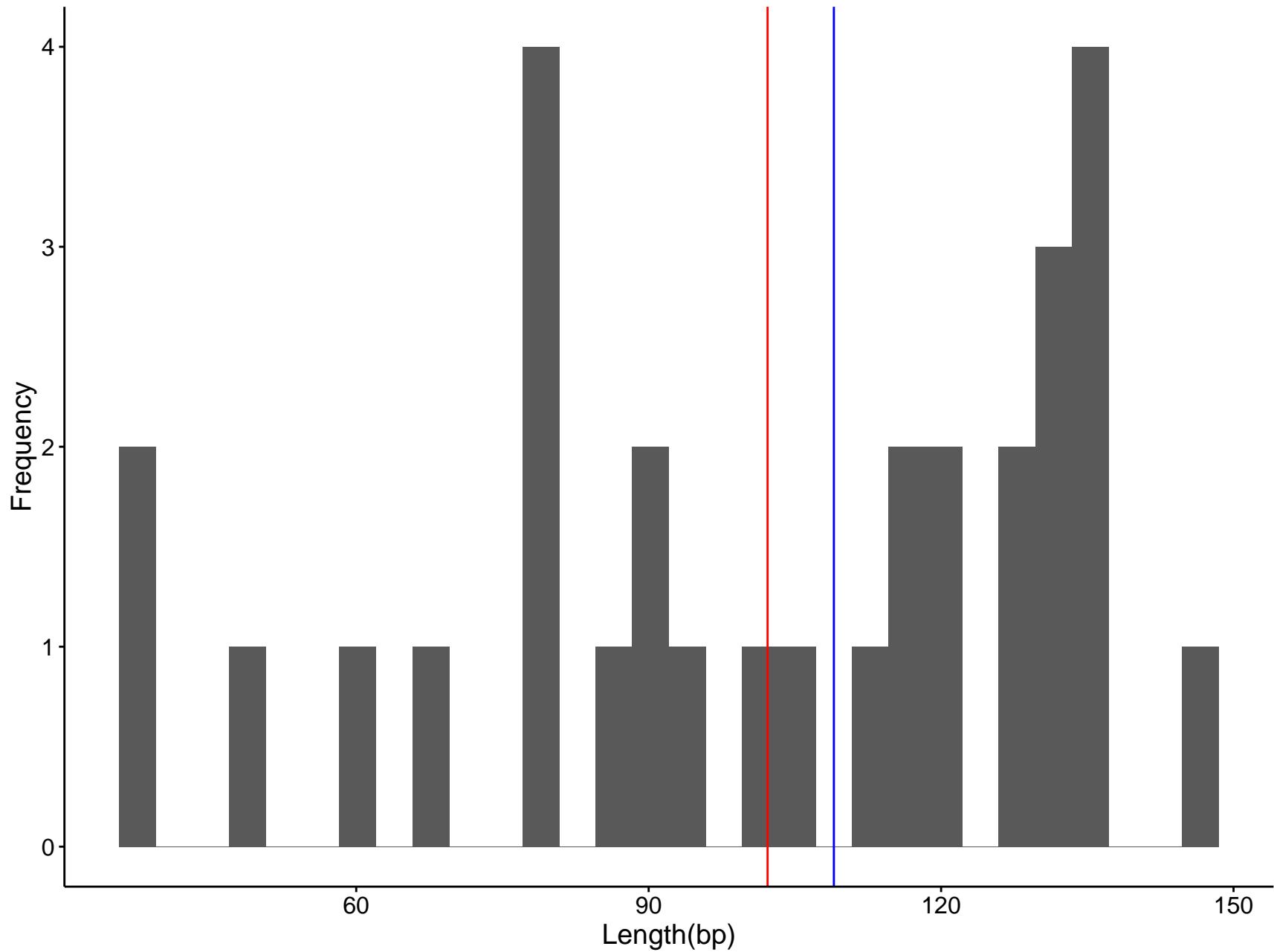
Cluster1434



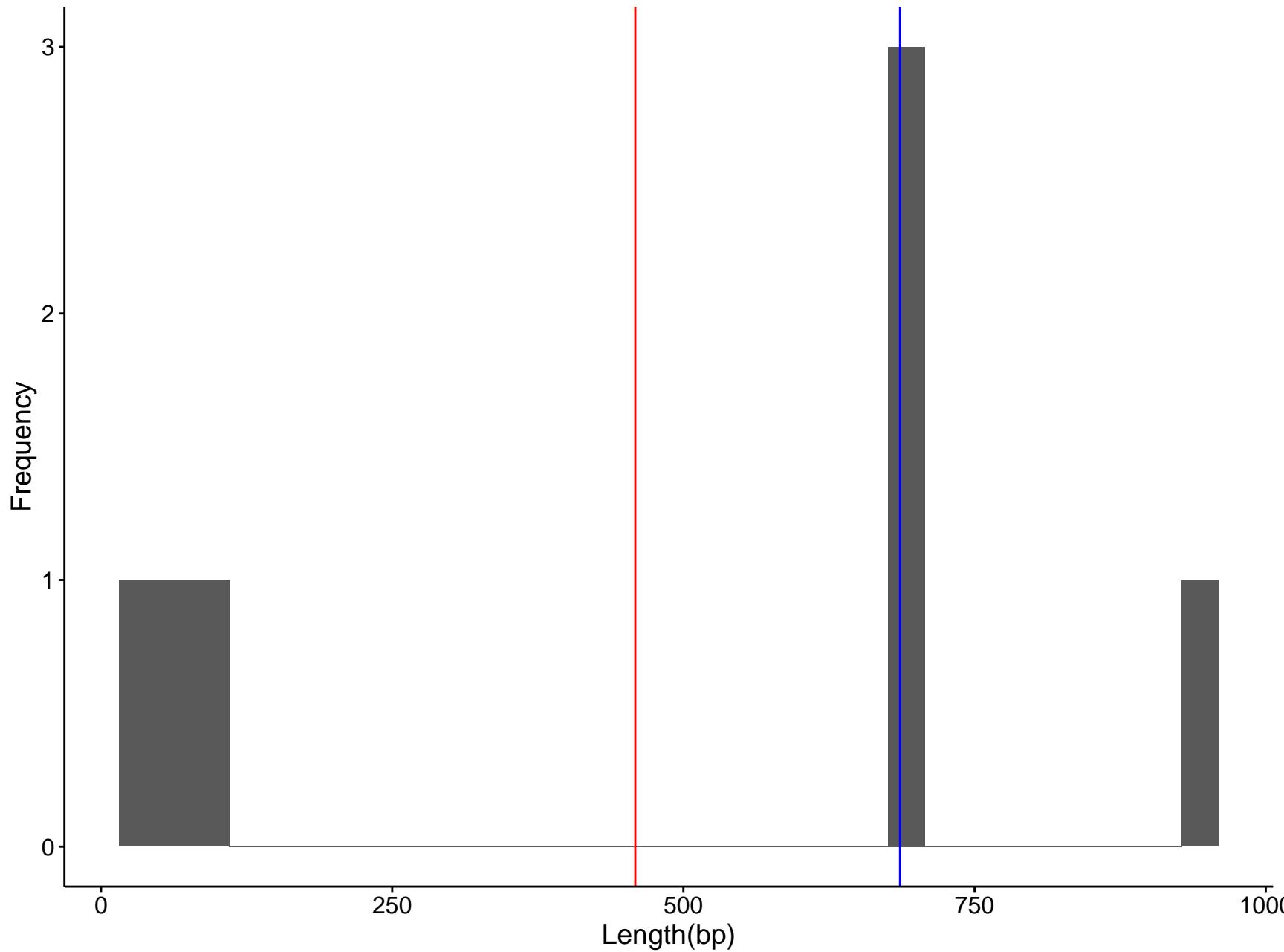
Cluster1437



Cluster1438



Cluster143



Cluster1442

Frequency

111.950

111.975

112.000

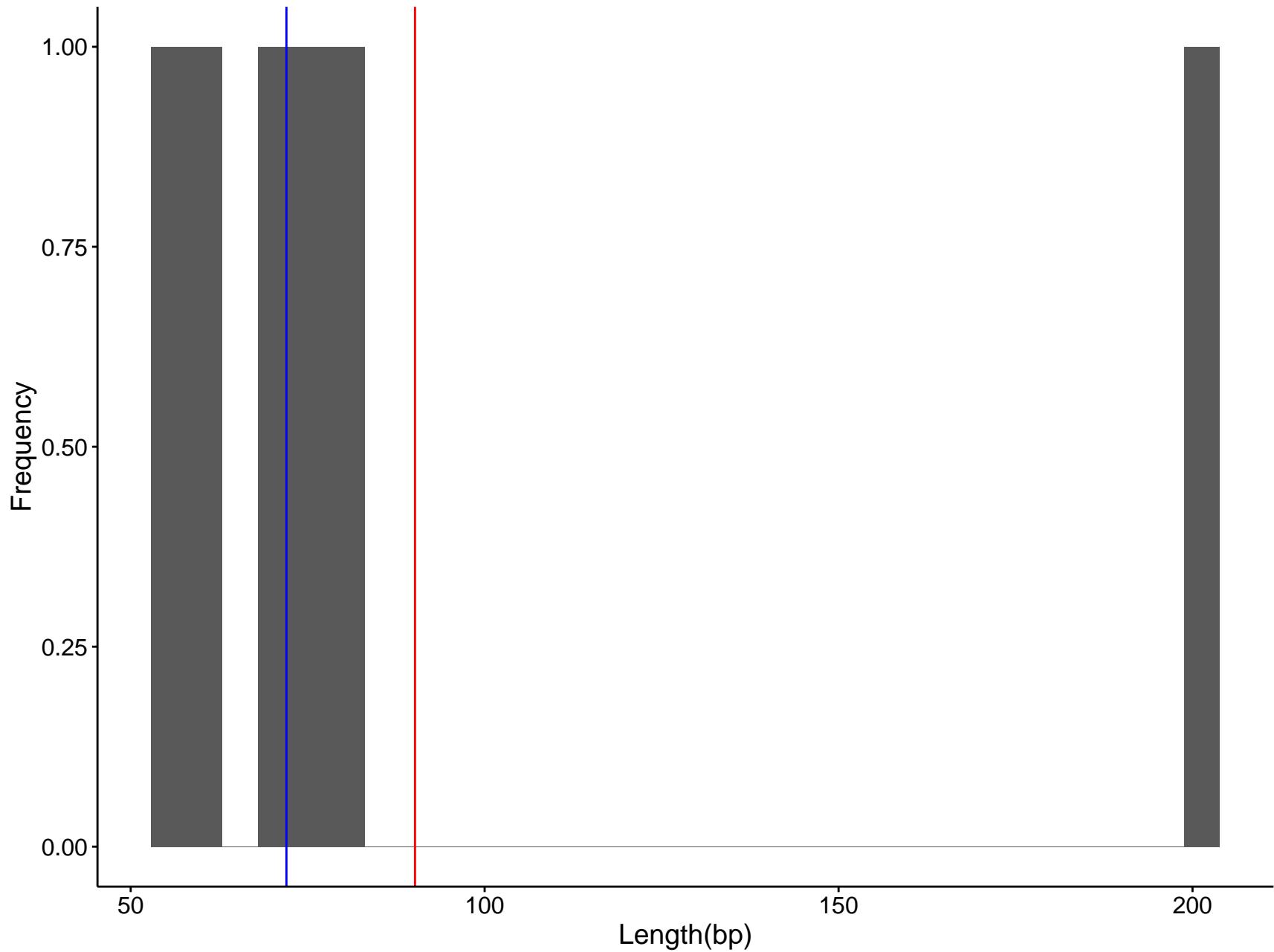
112.025

112.050

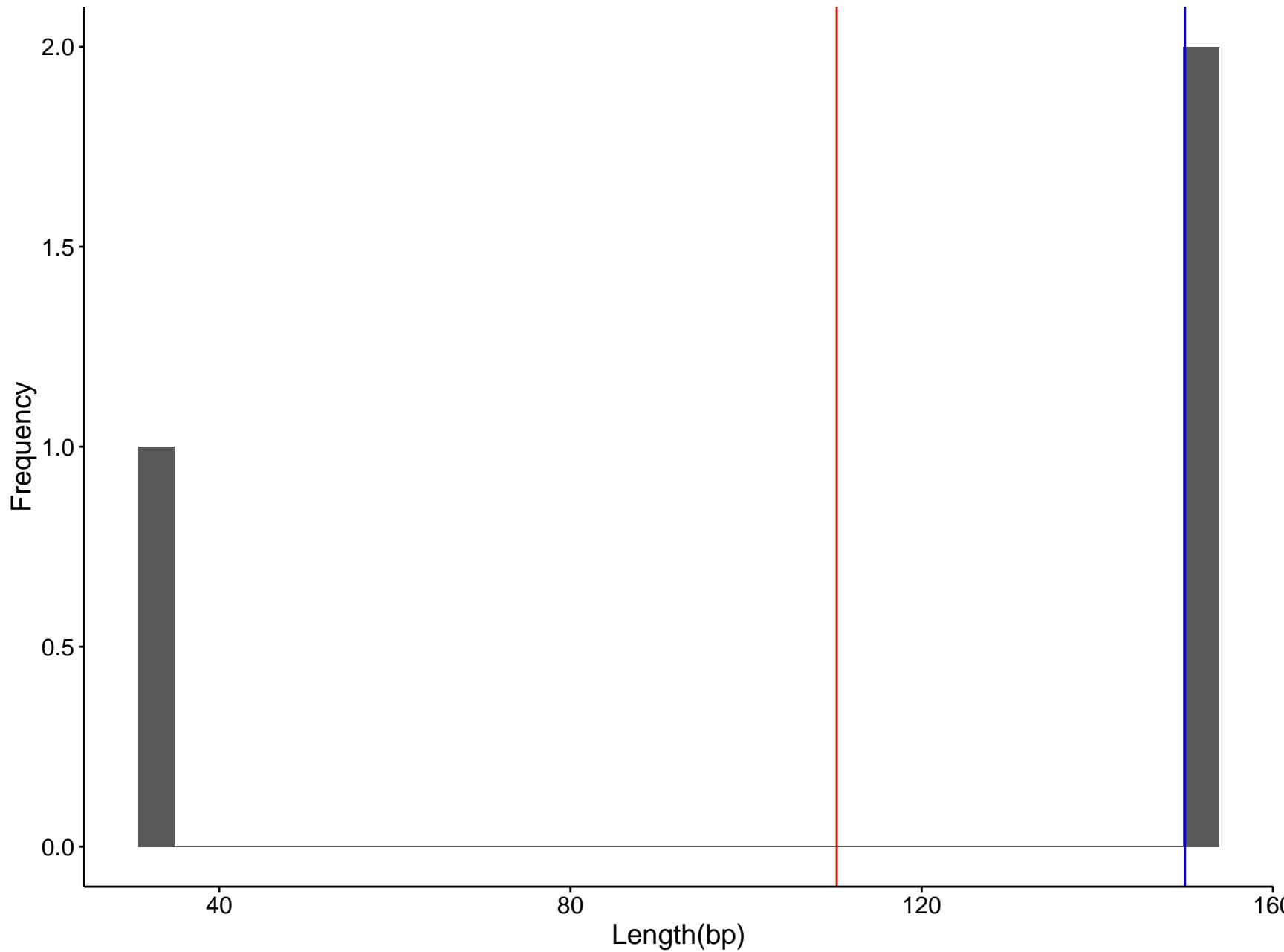
Length(bp)



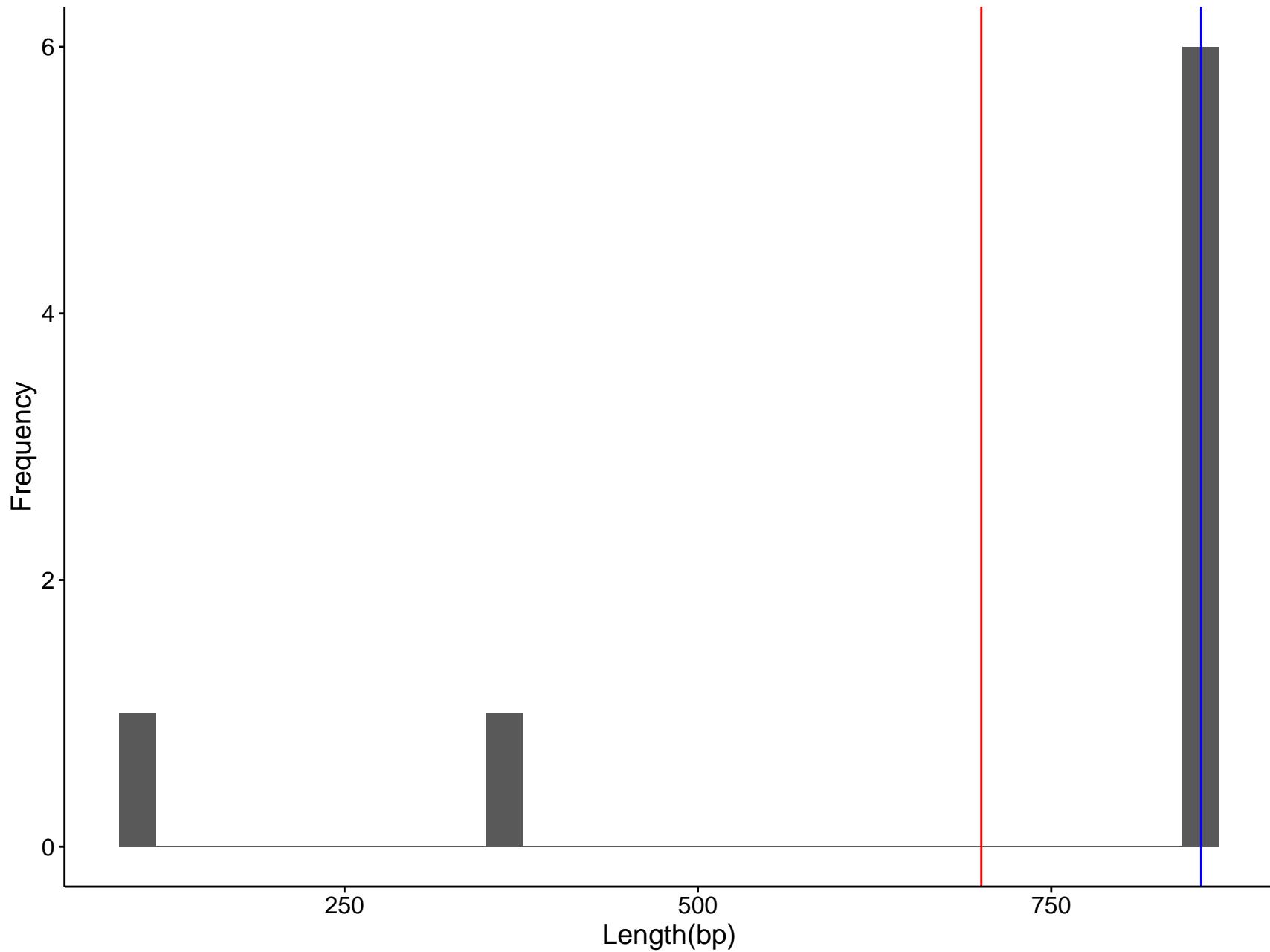
Cluster1443



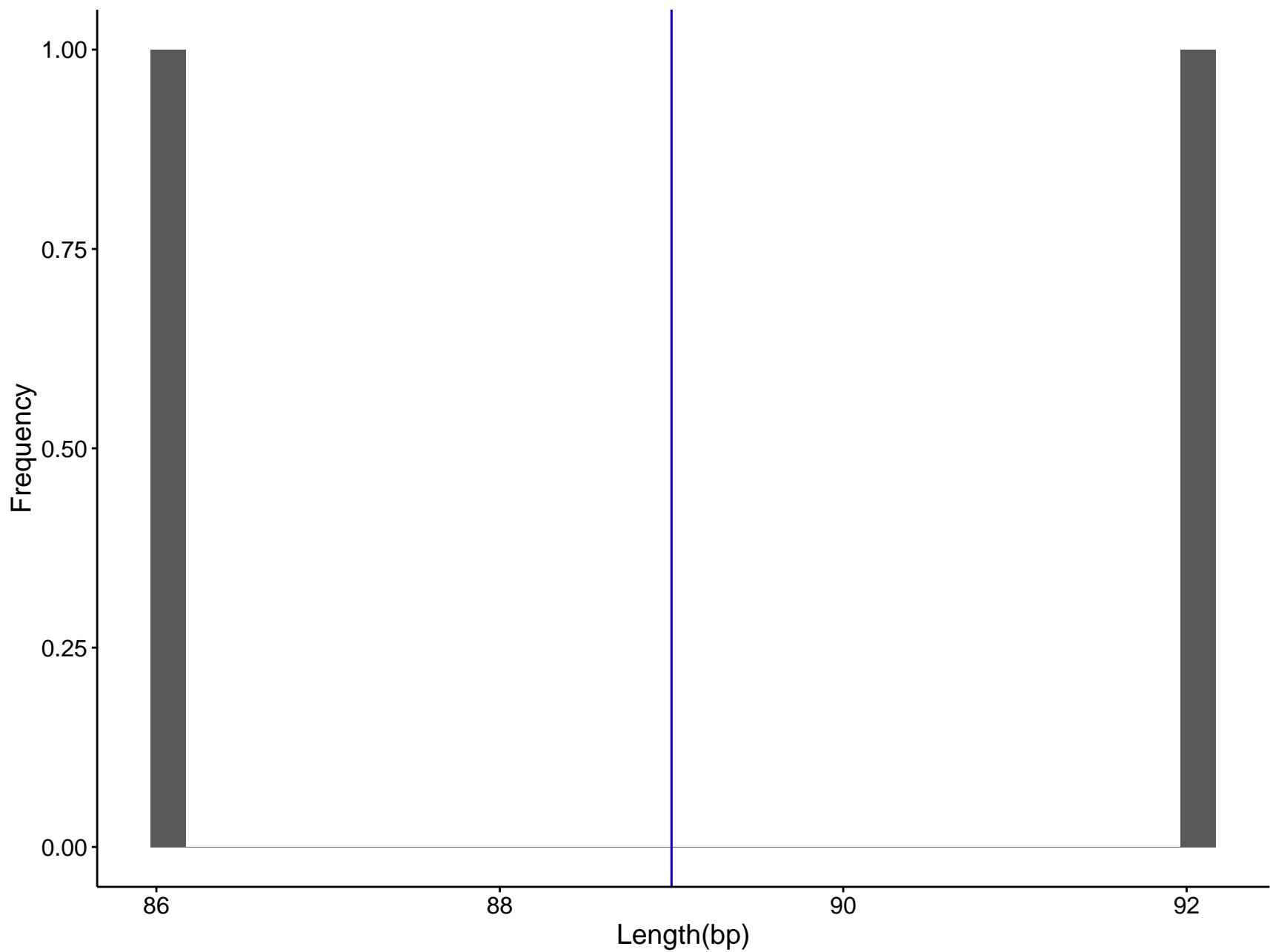
Cluster1445



Cluster144



Cluster1451



Cluster1453

Frequency

11.950

11.975

12.000

12.025

12.0

Length(bp)



Cluster1454

Frequency

101.950

101.975

102.000

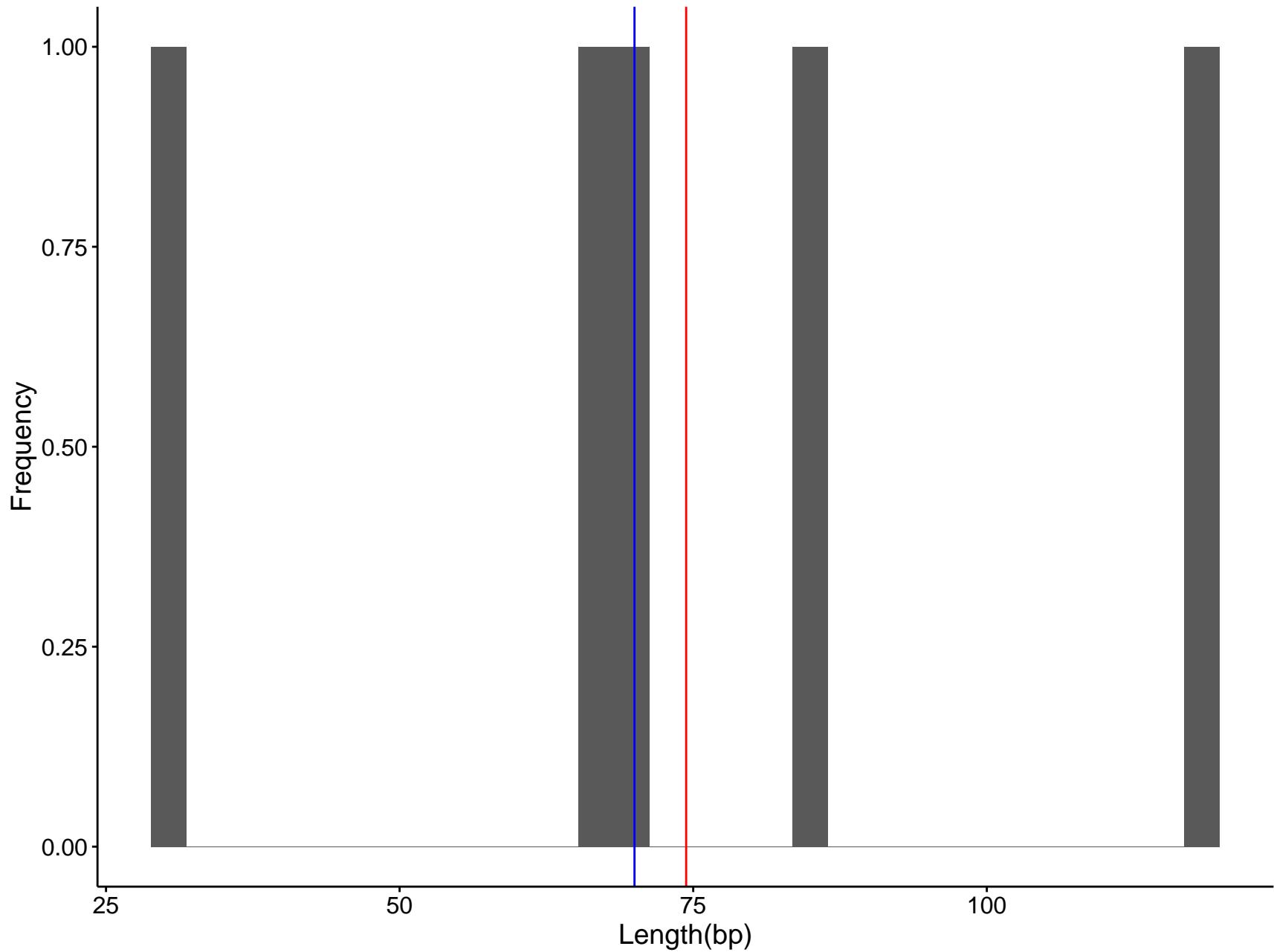
102.025

102.050

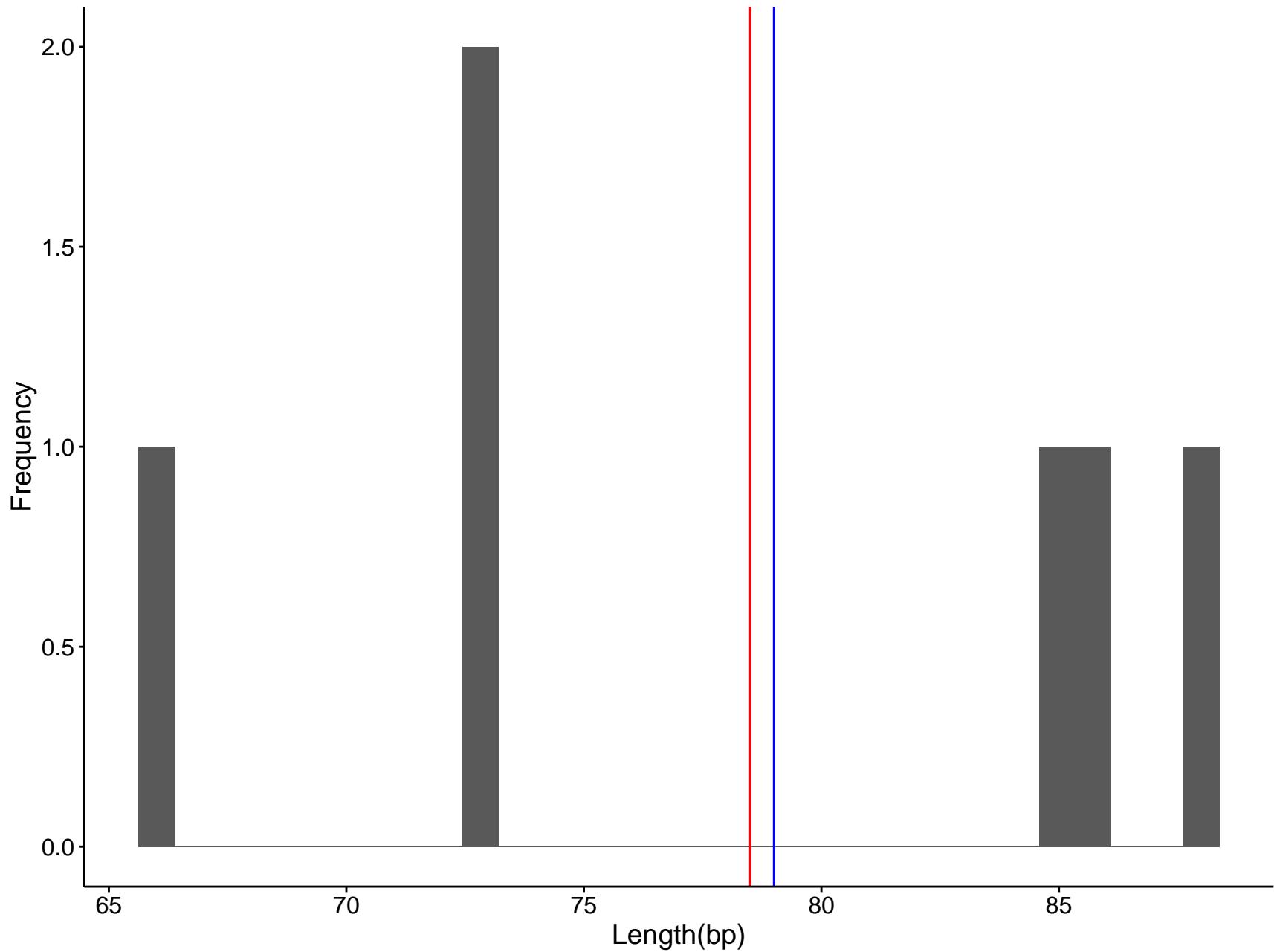
Length(bp)



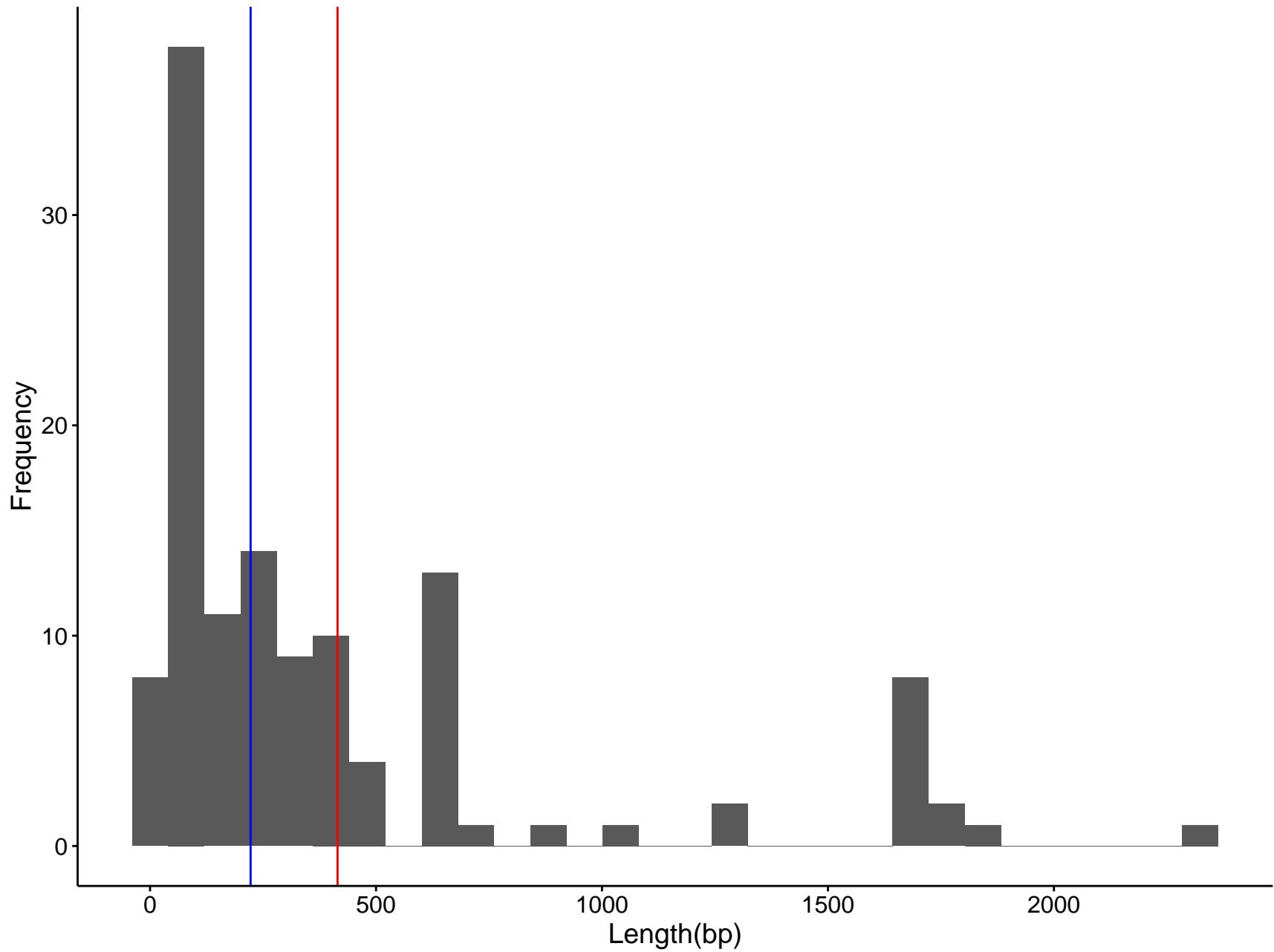
Cluster1455



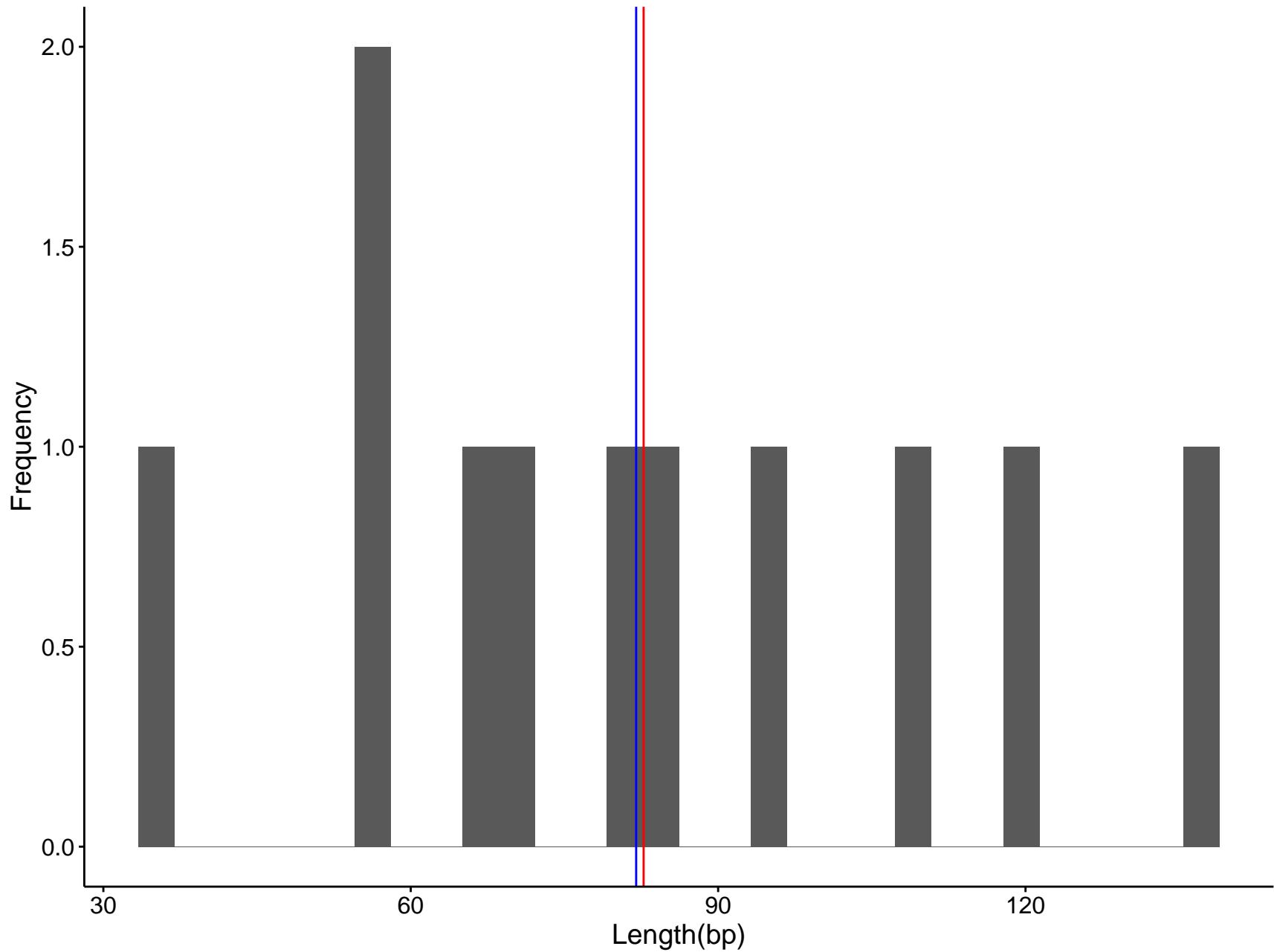
Cluster1456



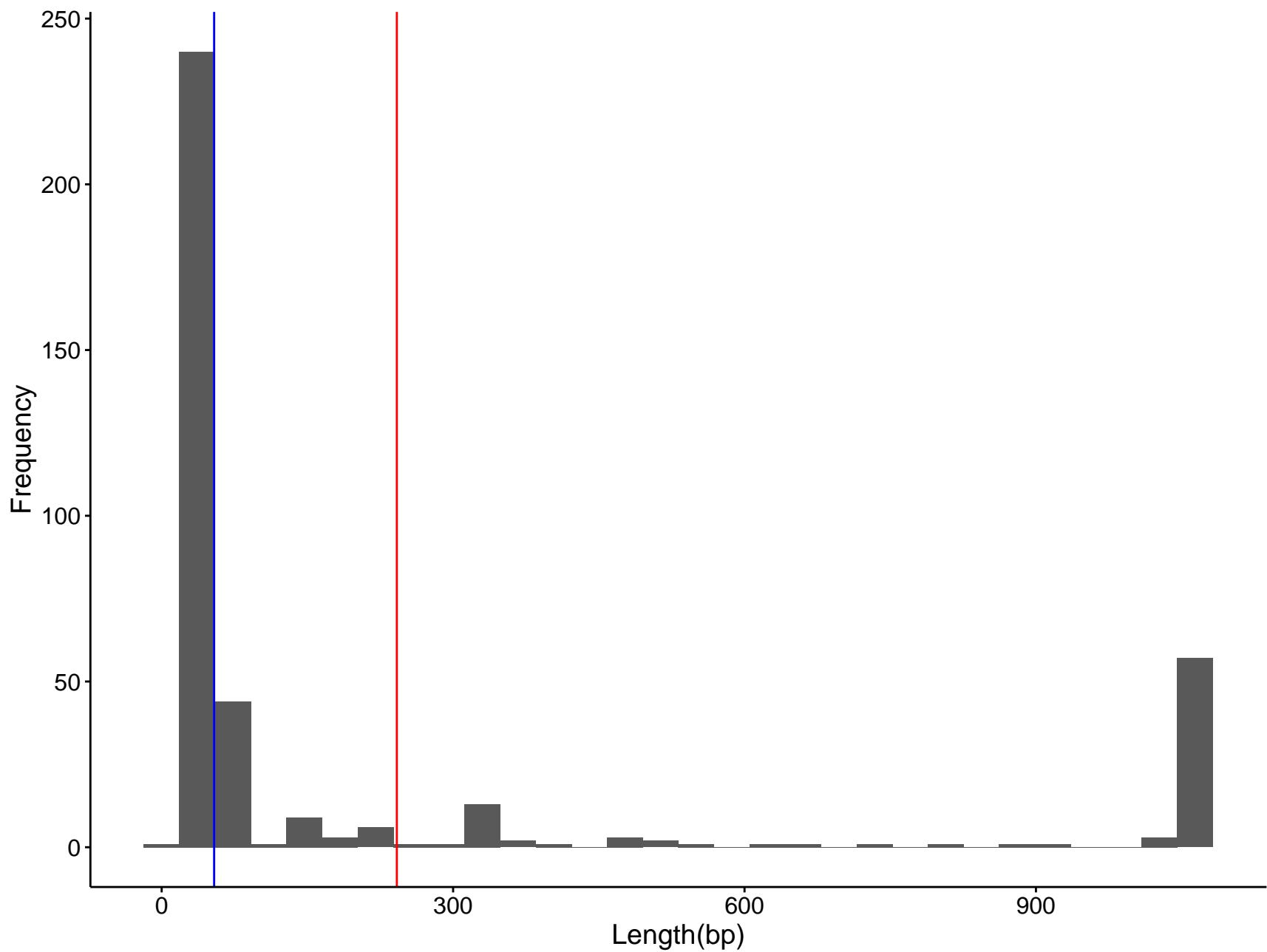
Cluster1457



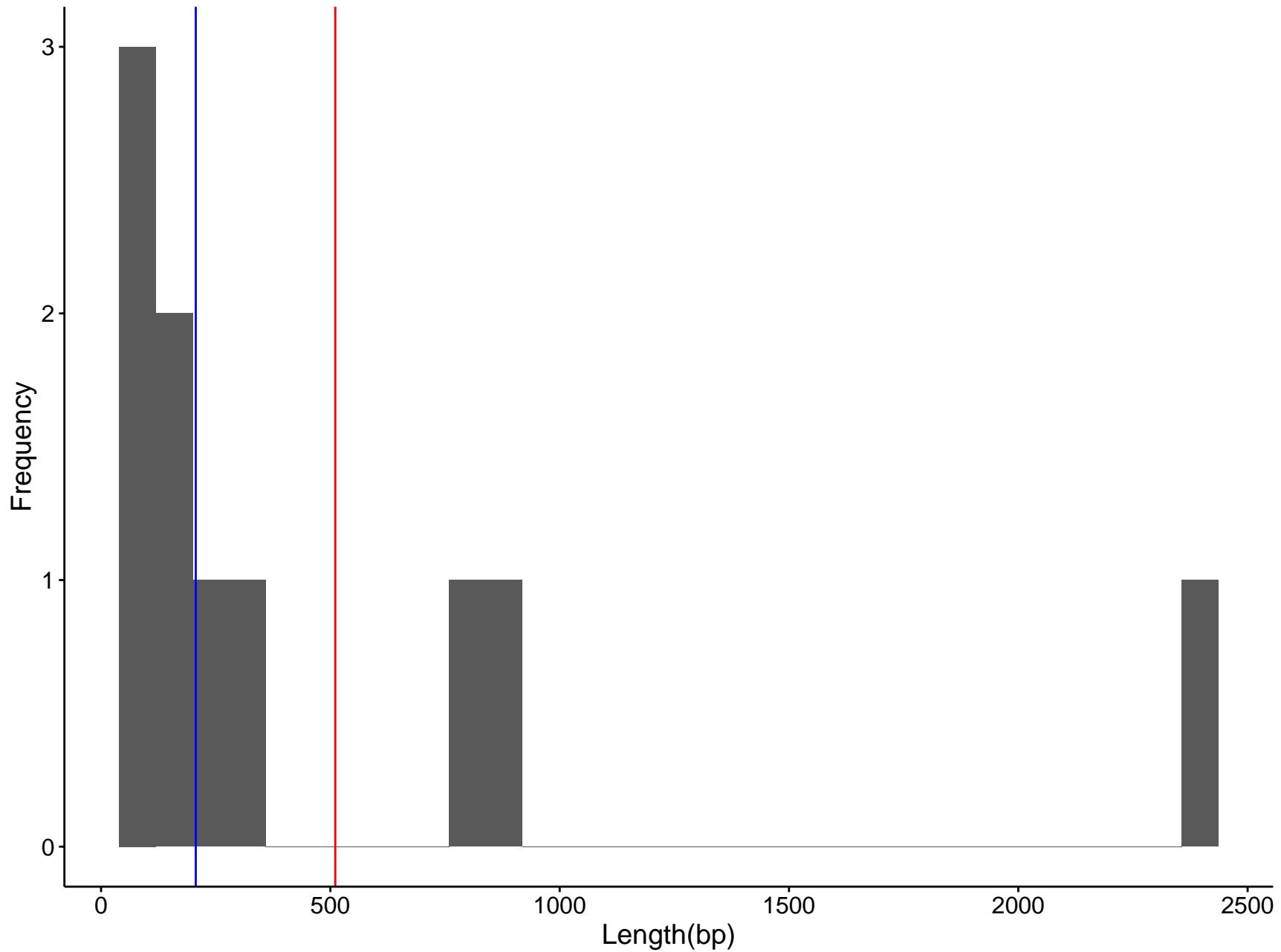
Cluster1458



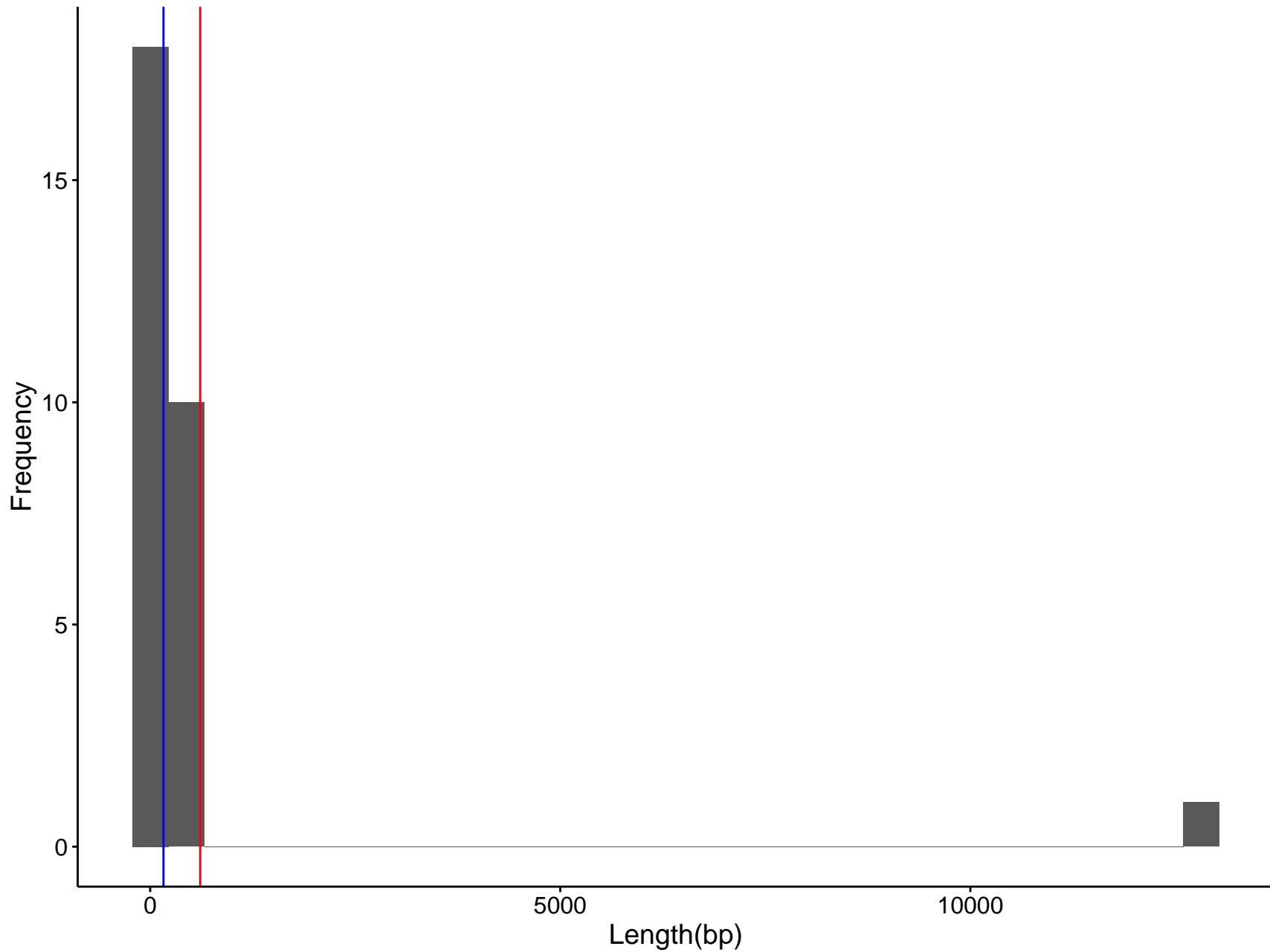
Cluster1459



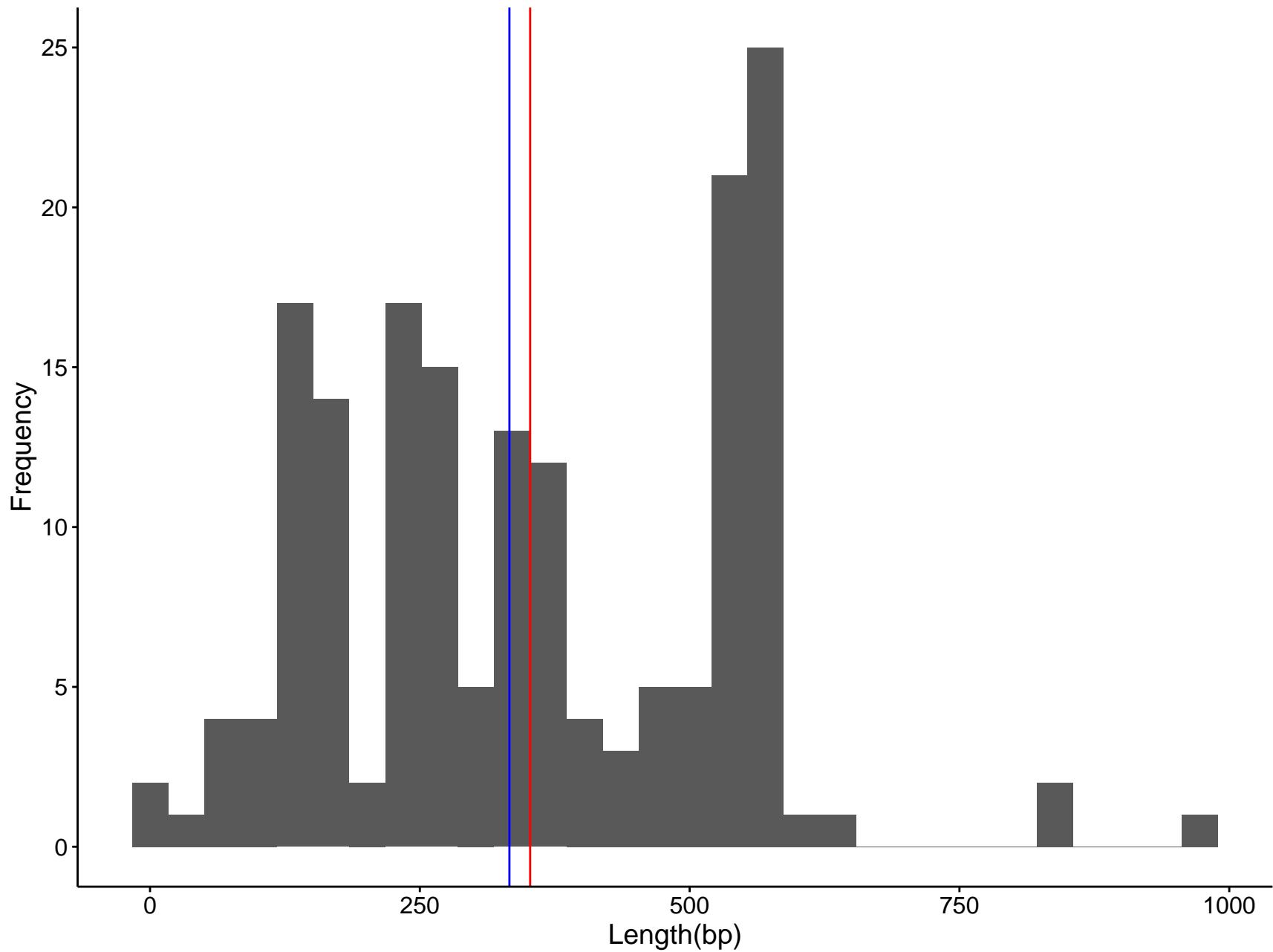
Cluster145



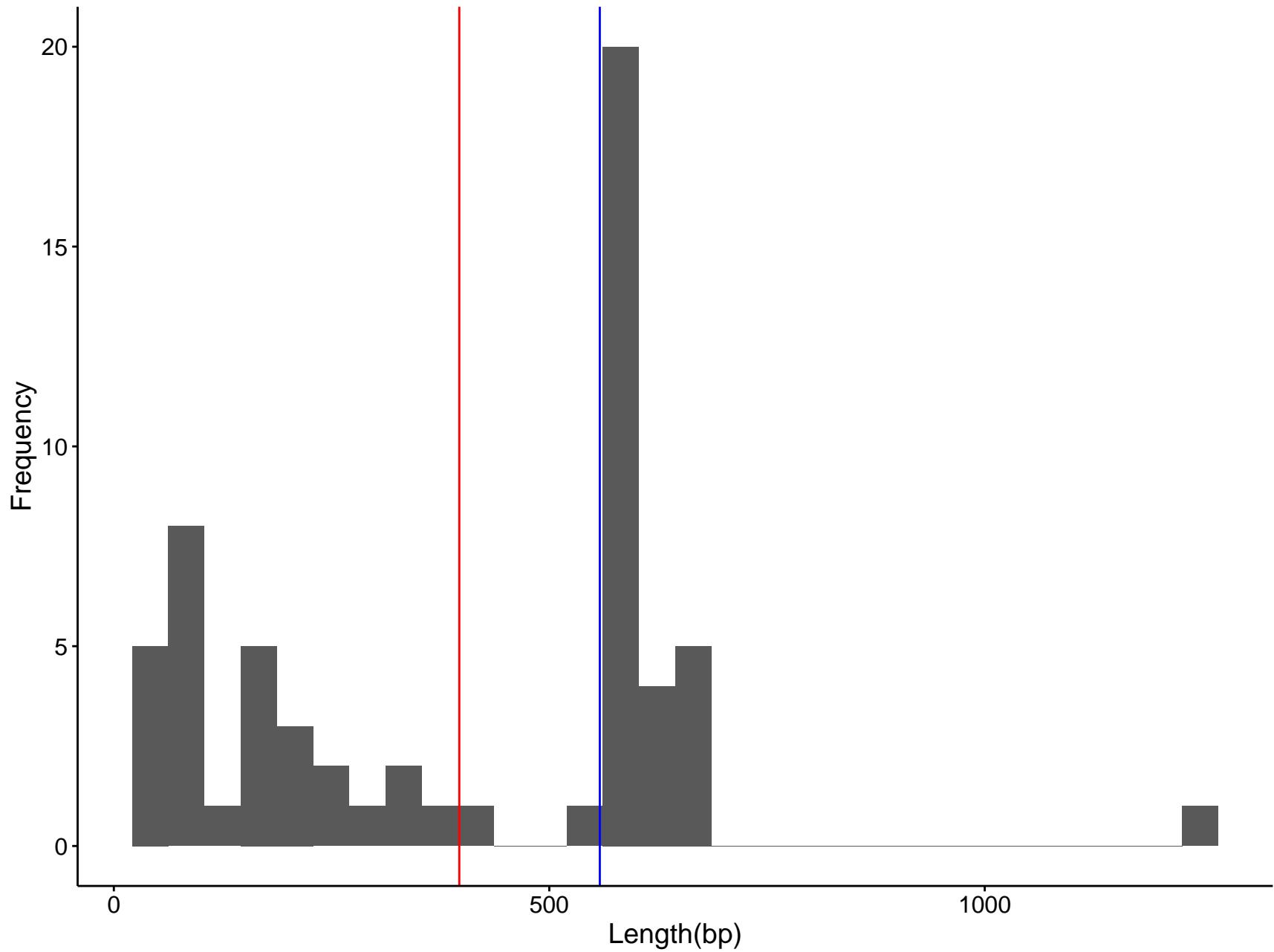
Cluster1460



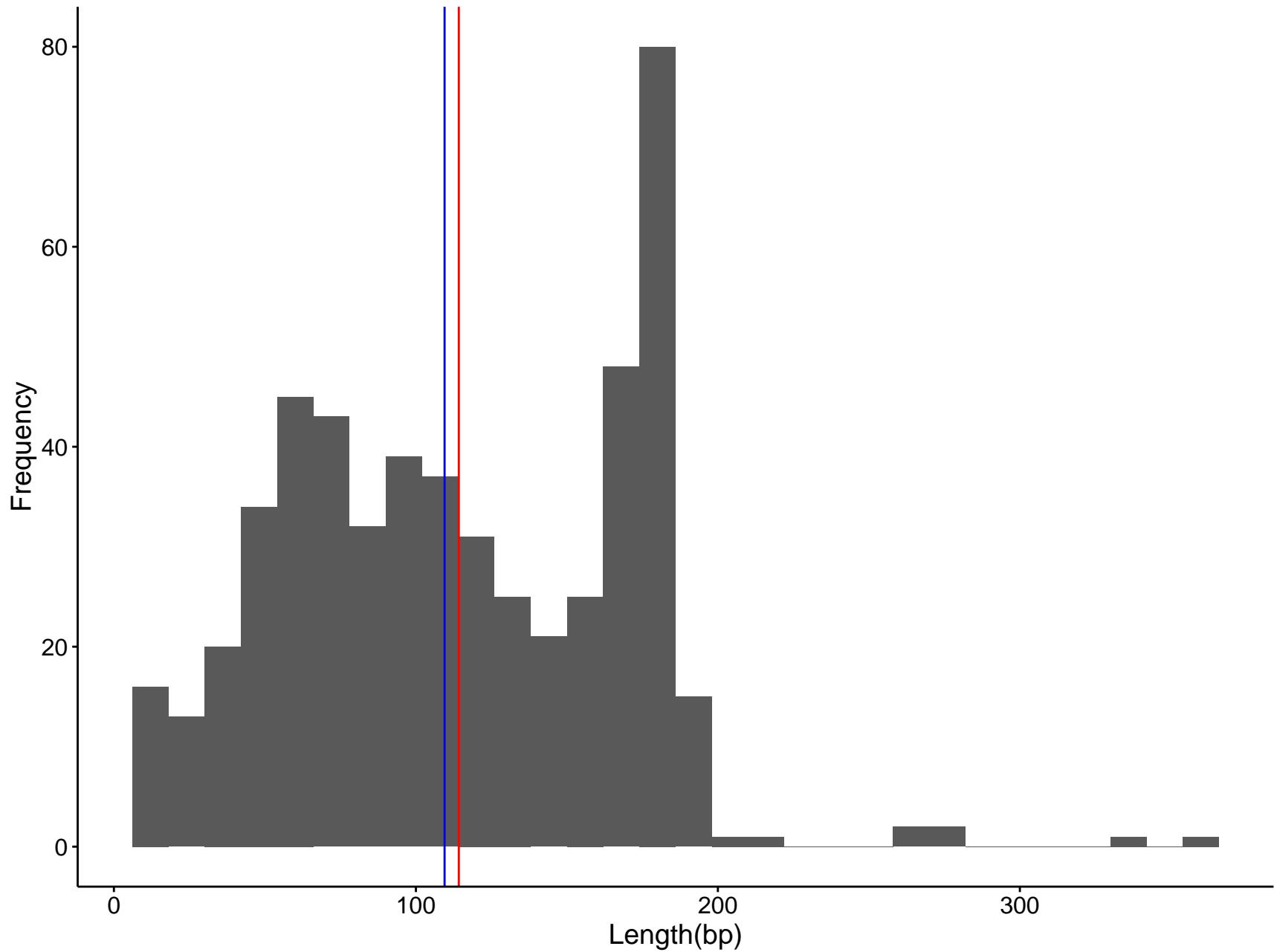
Cluster1462



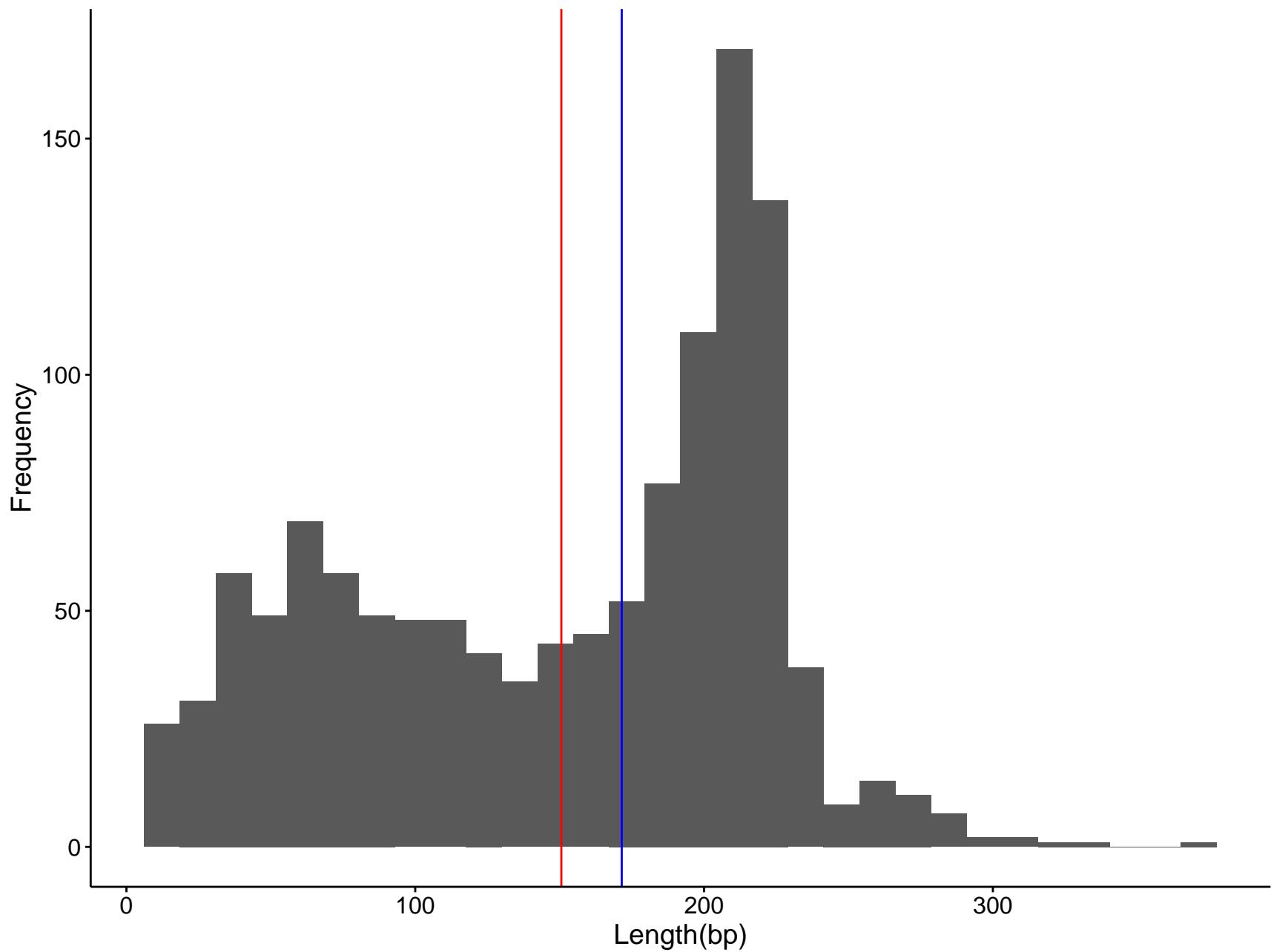
Cluster1463



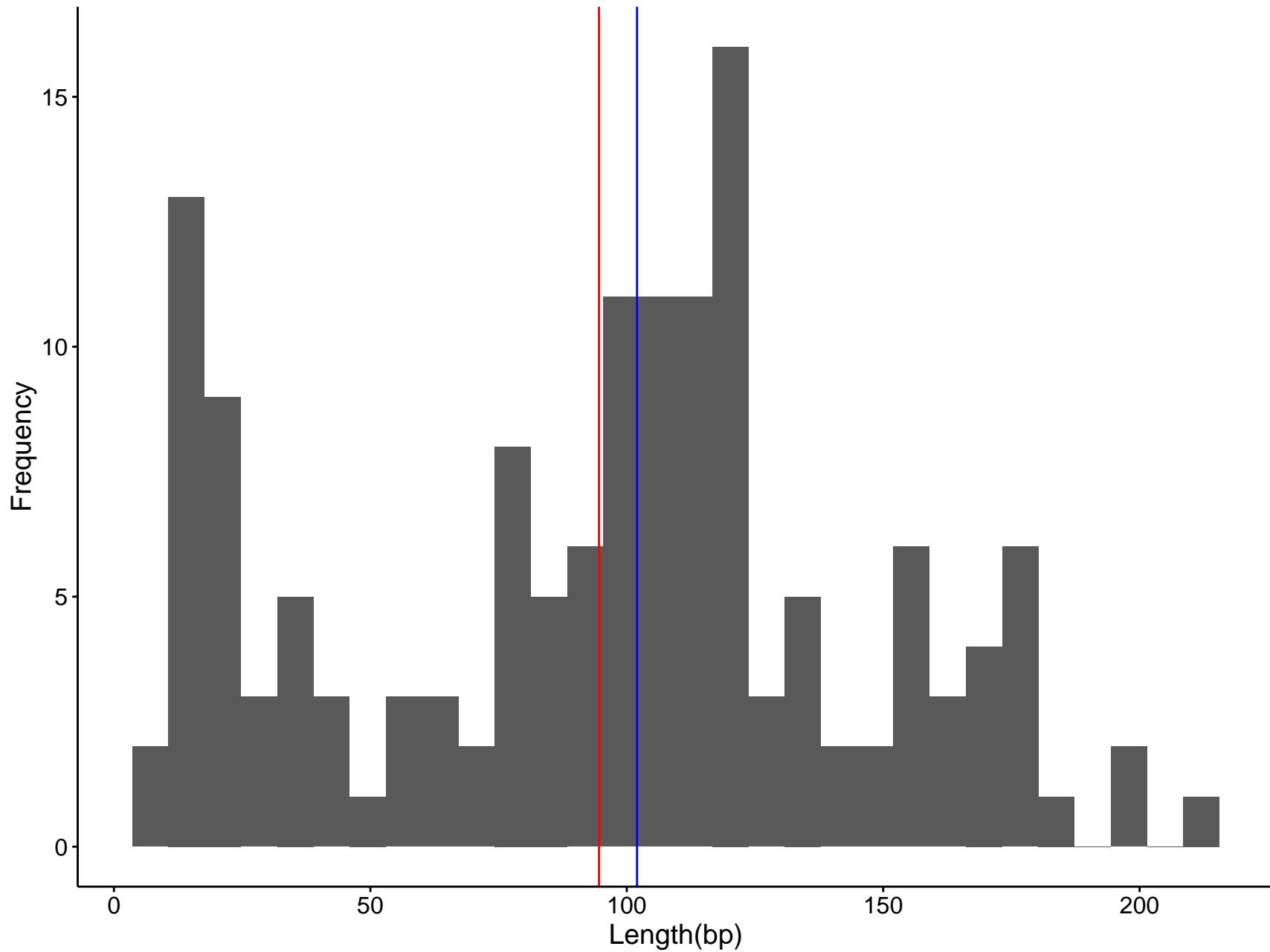
Cluster1464



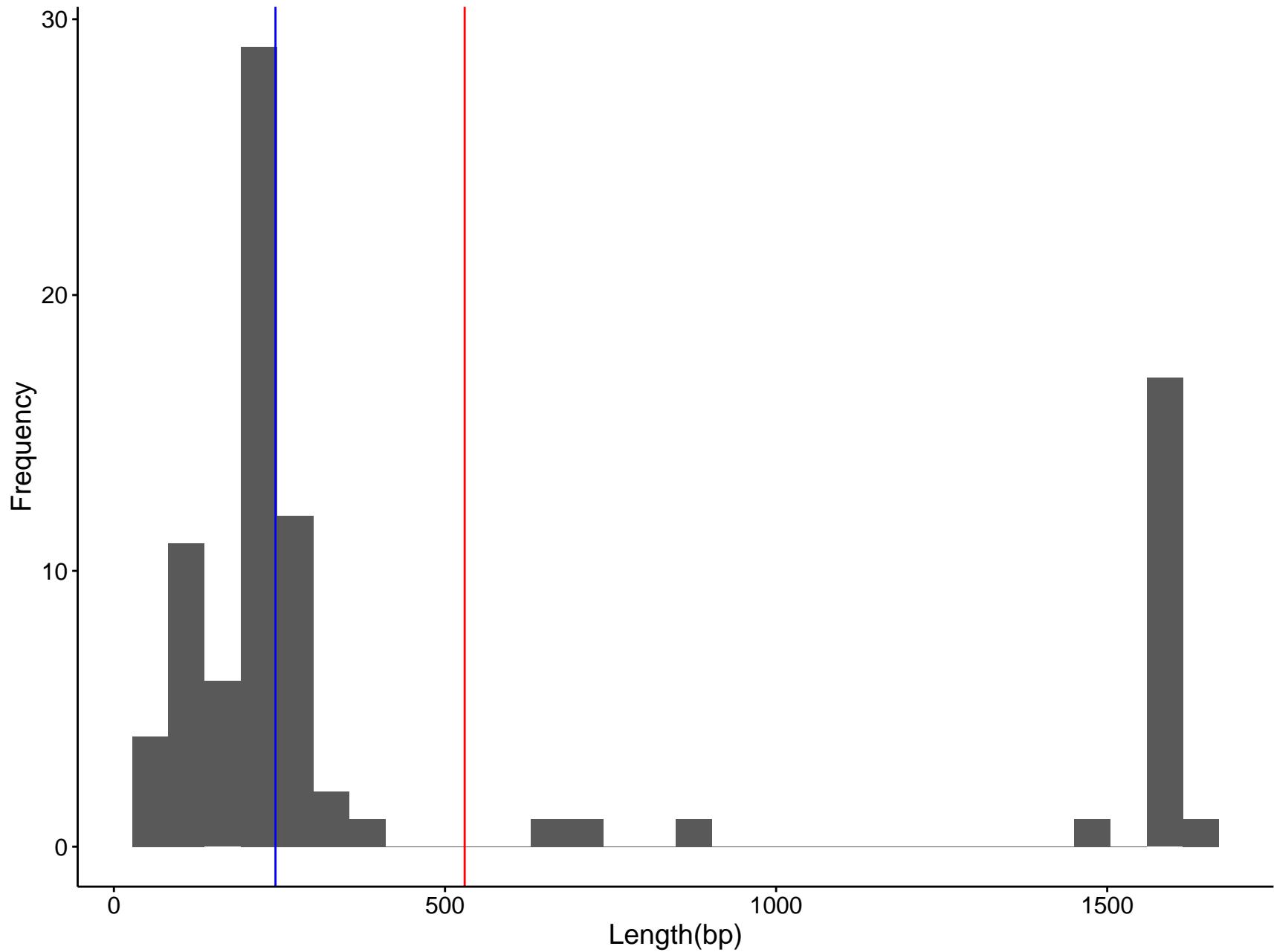
Cluster1466



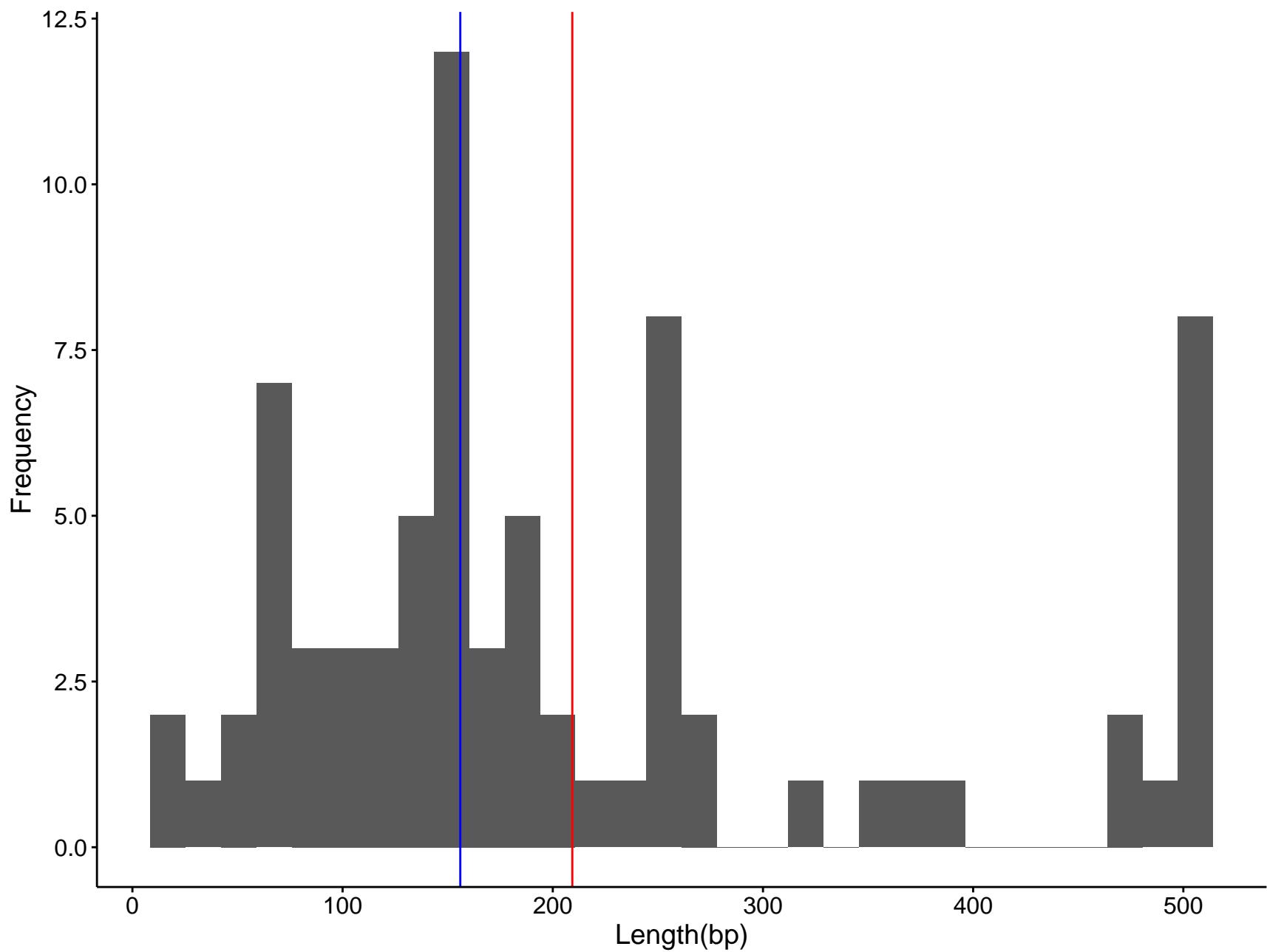
Cluster1467



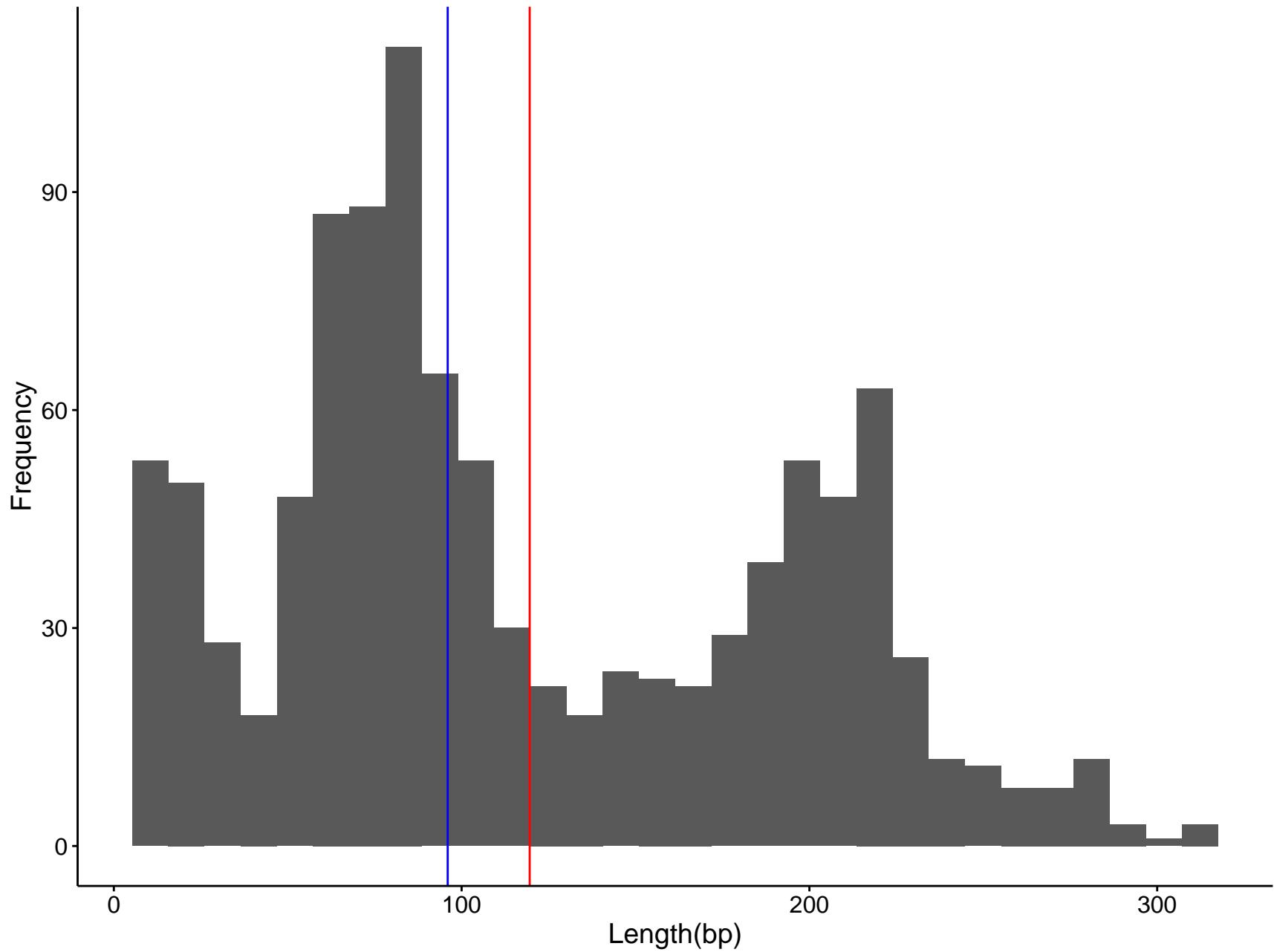
Cluster1468



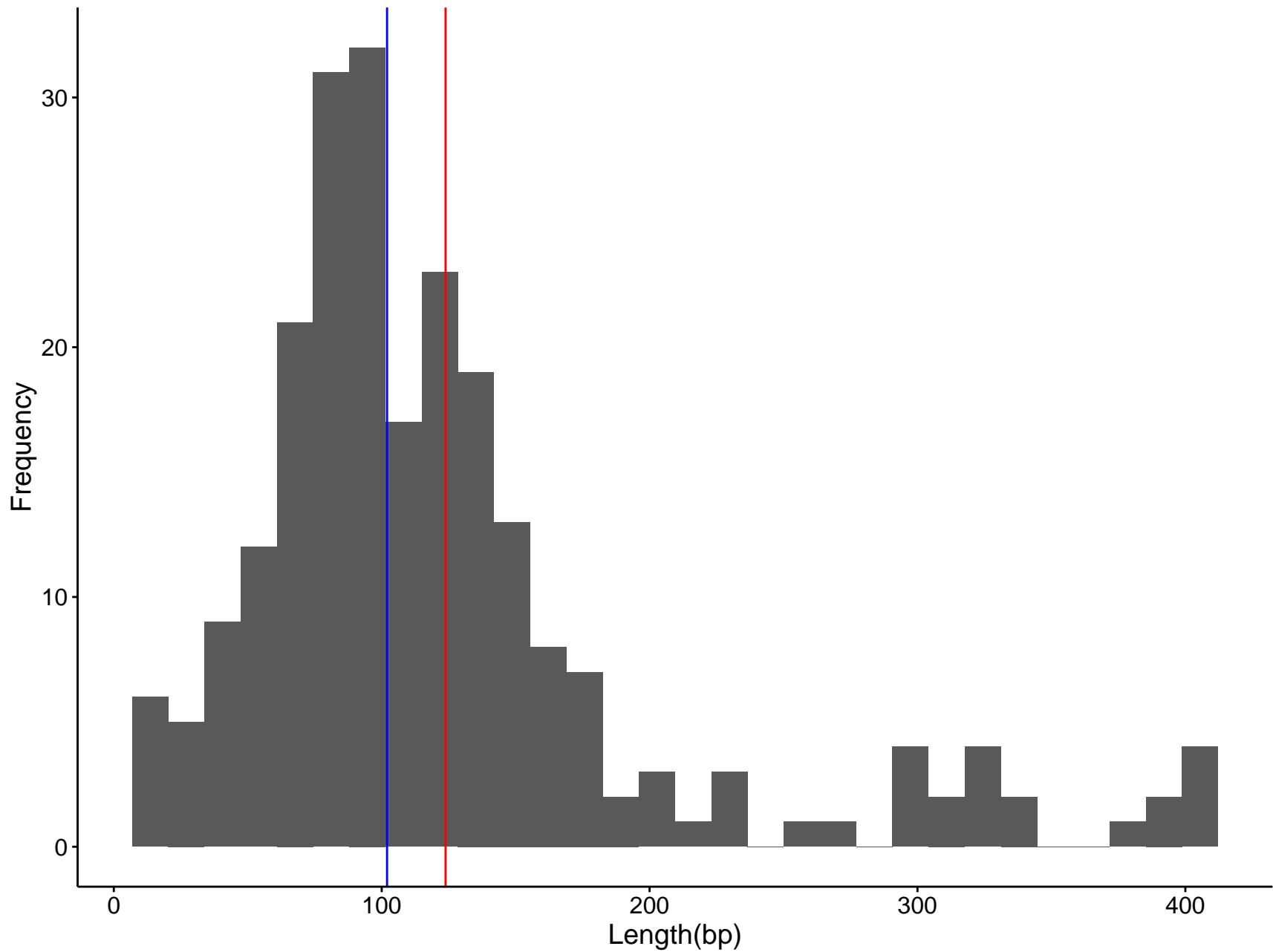
Cluster1469



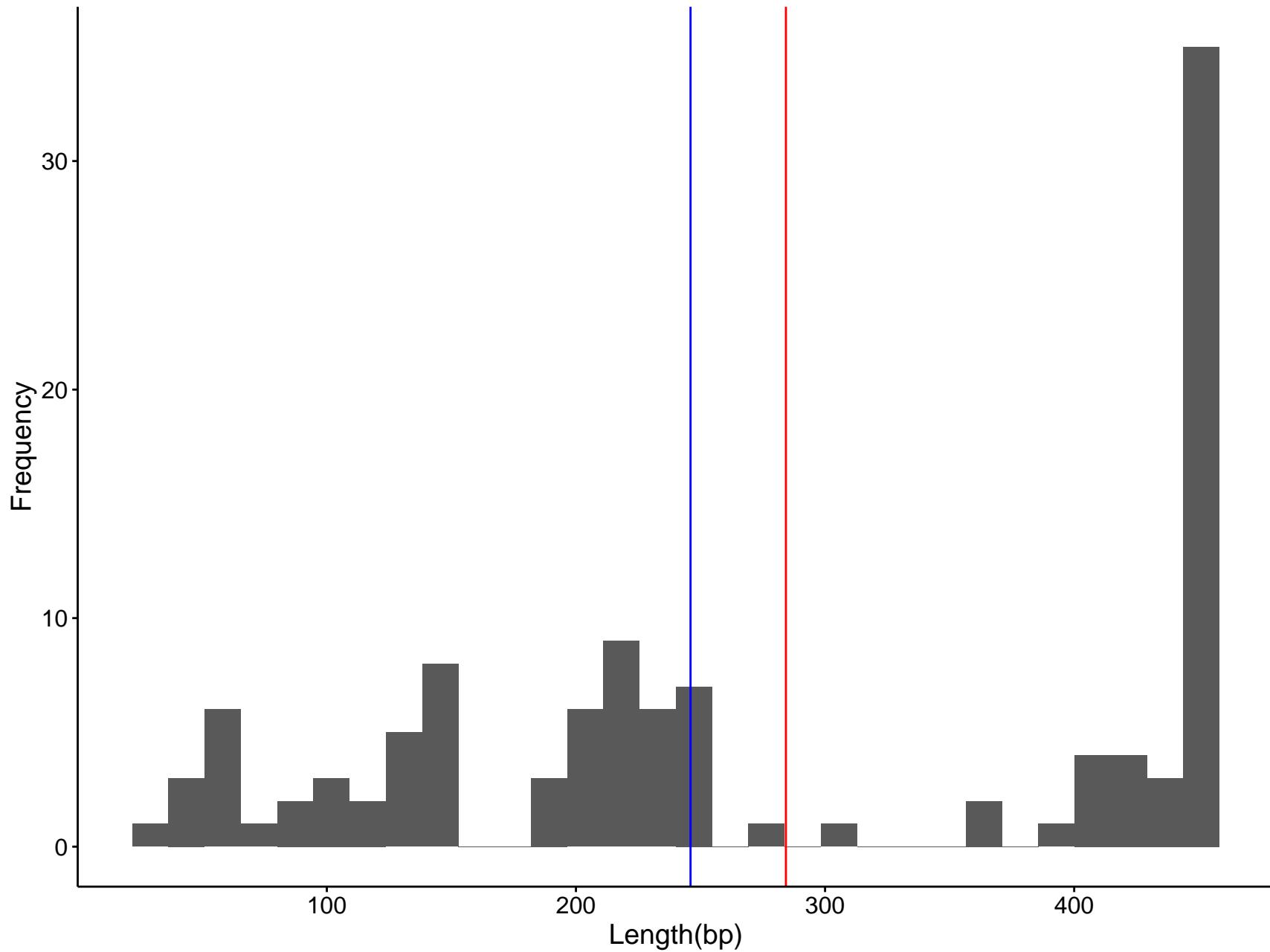
Cluster1470



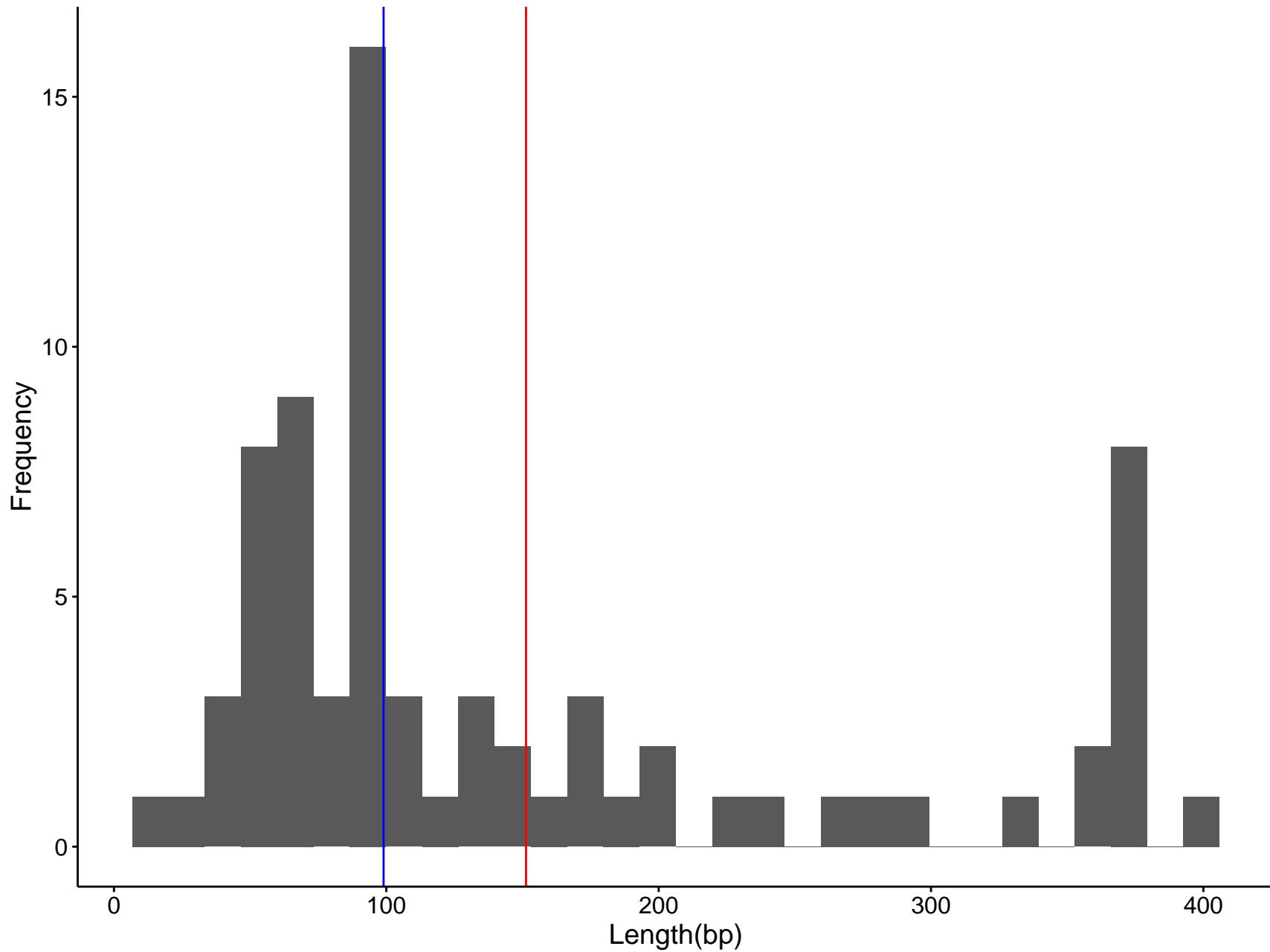
Cluster1471



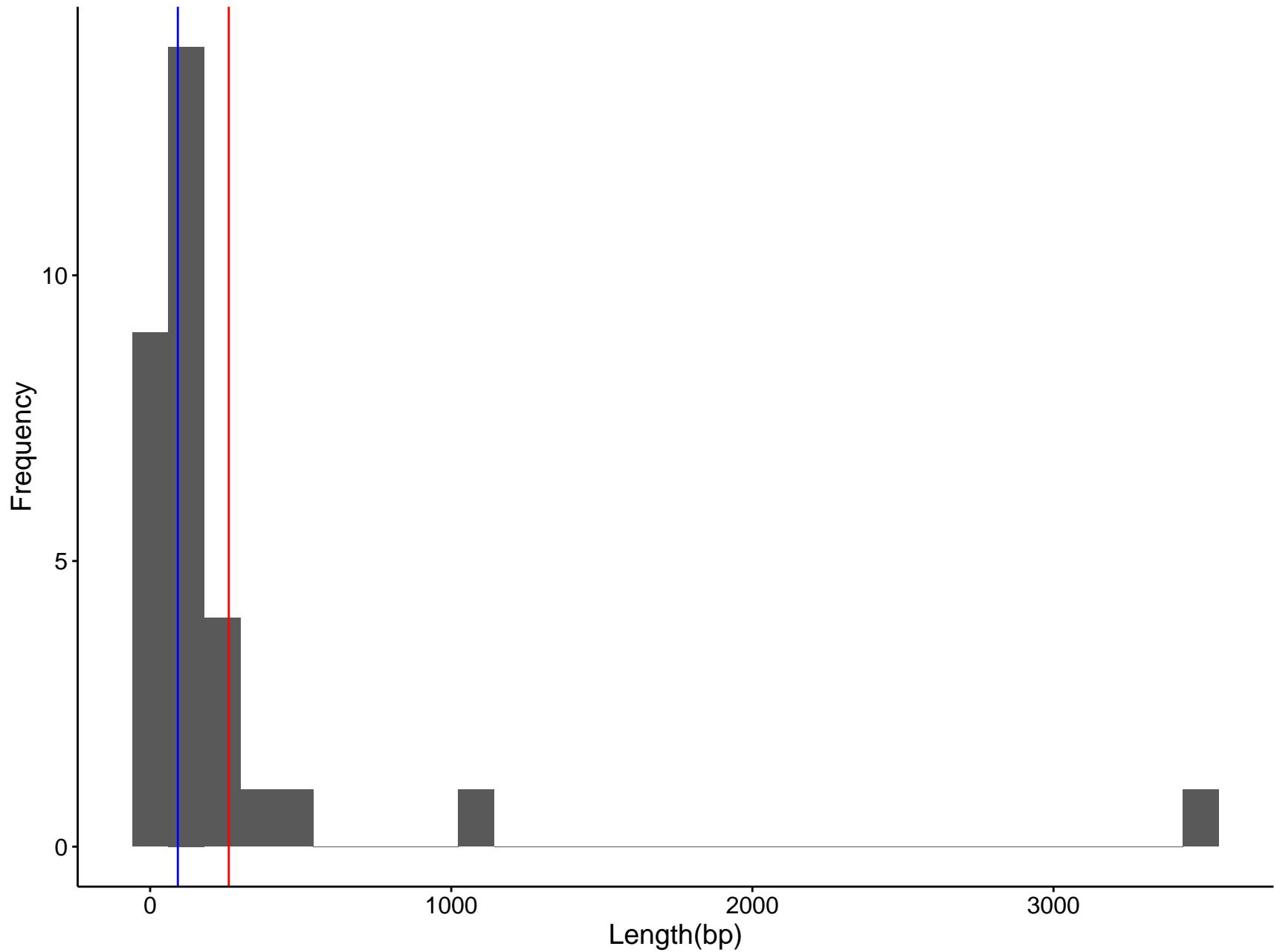
Cluster1472



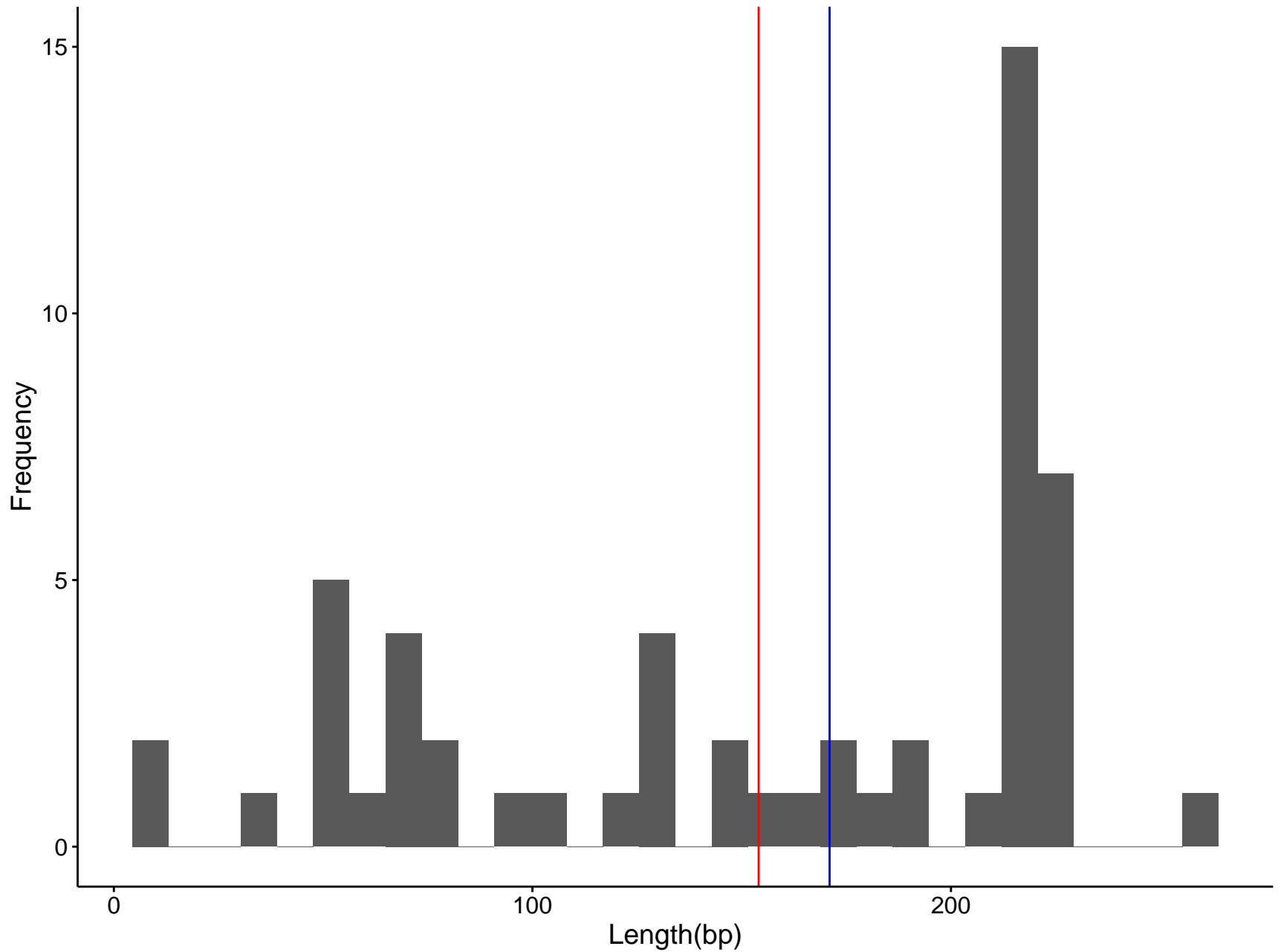
Cluster1473



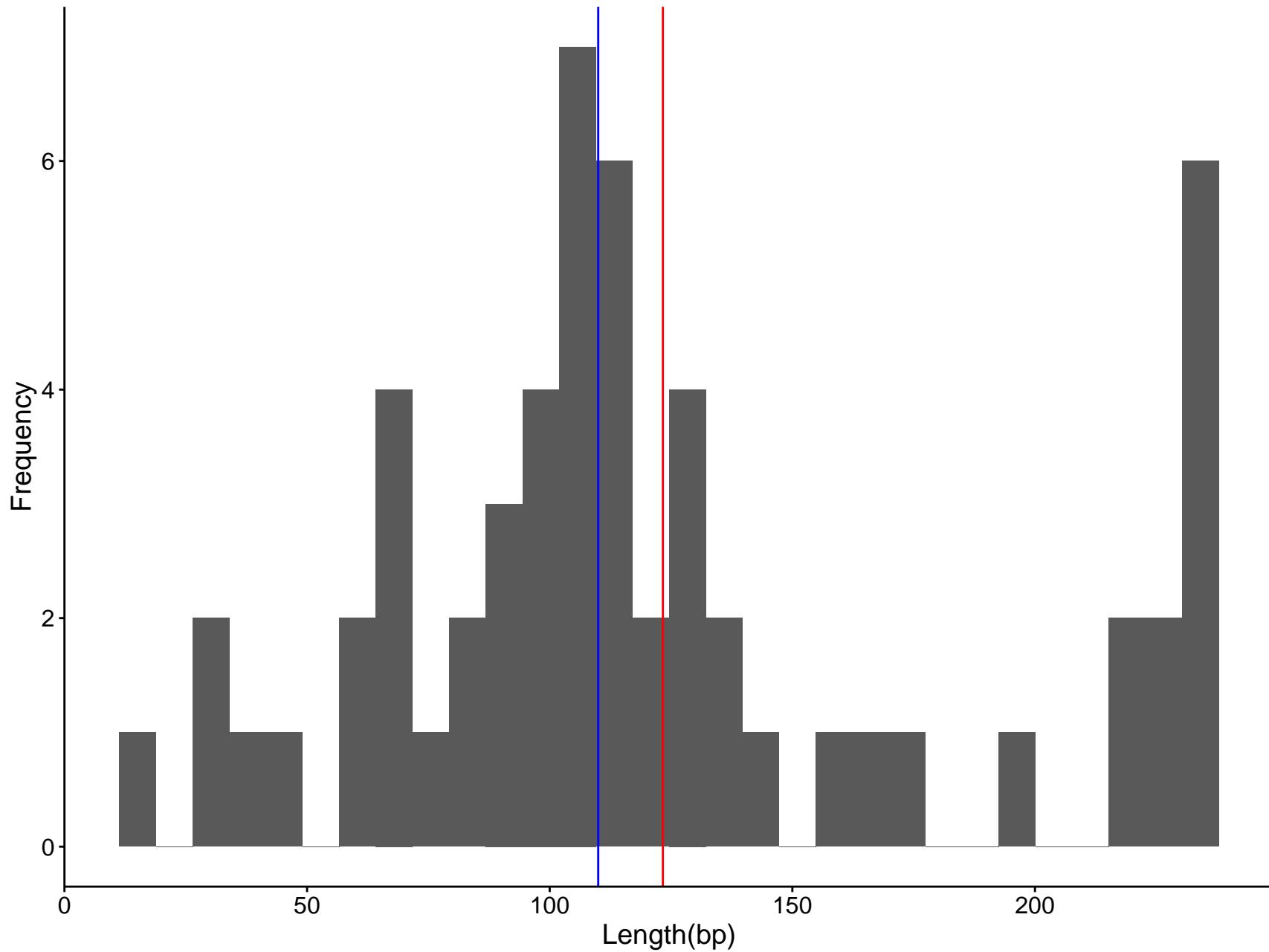
Cluster1474



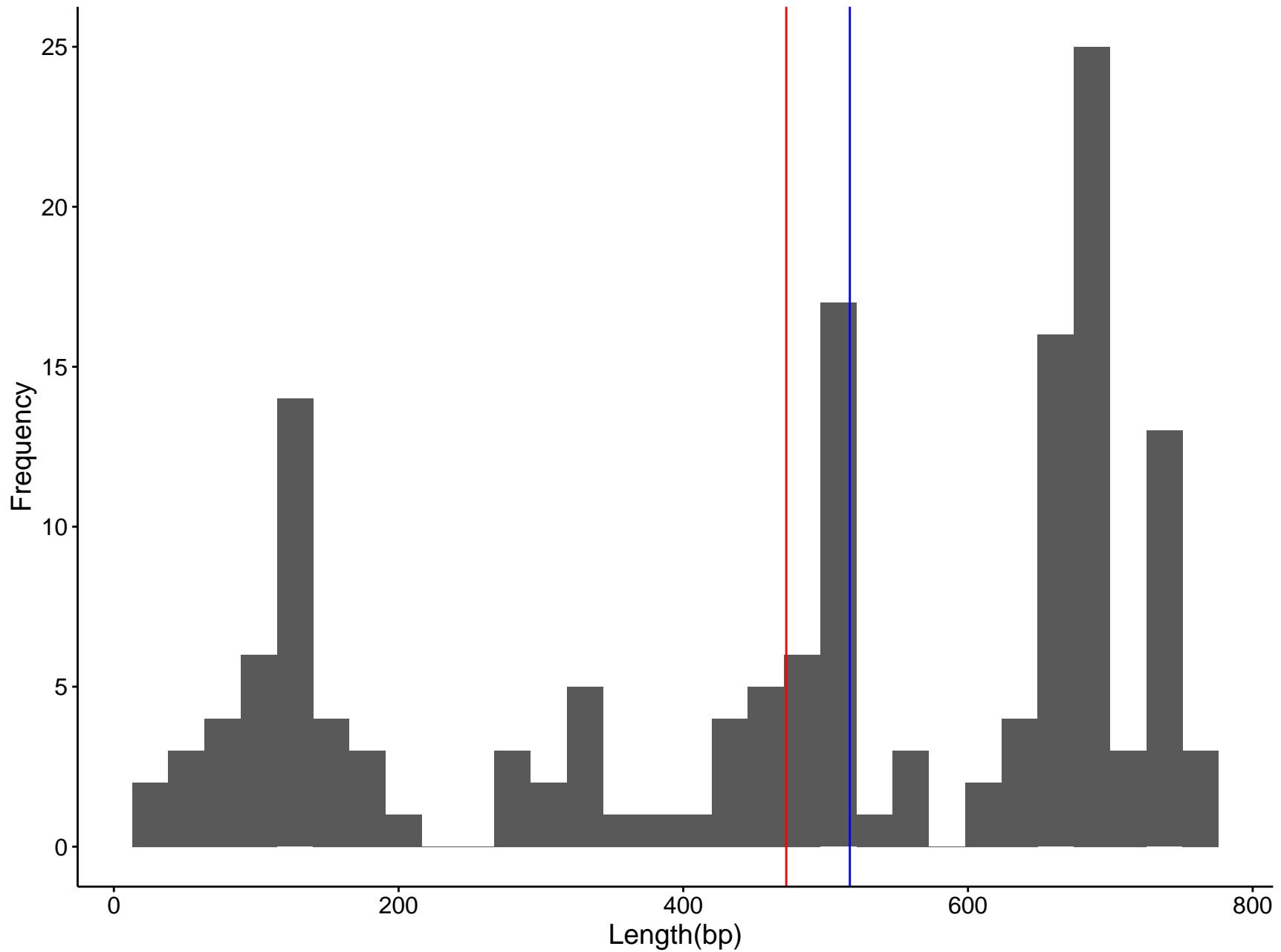
Cluster1475



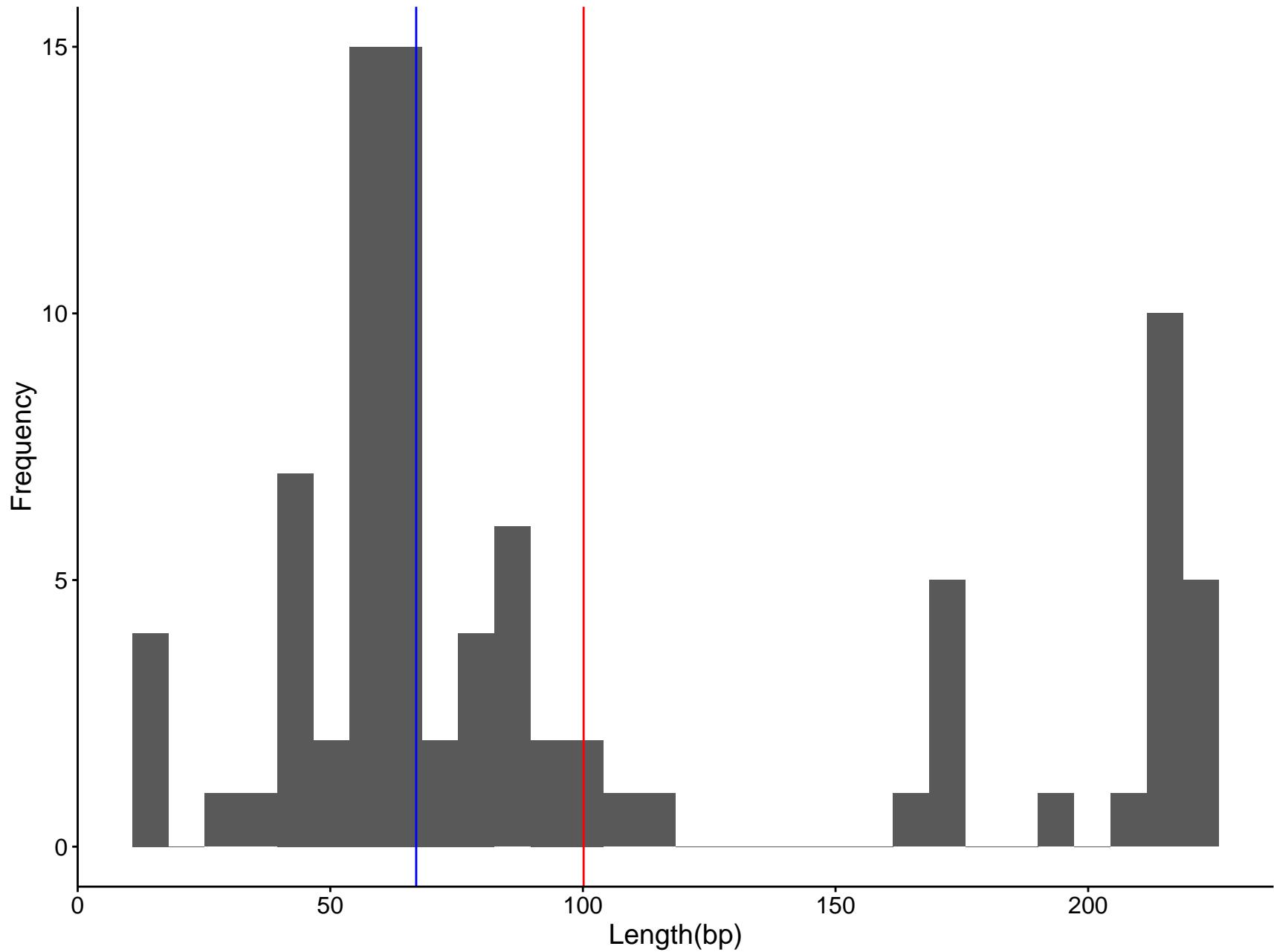
Cluster1476



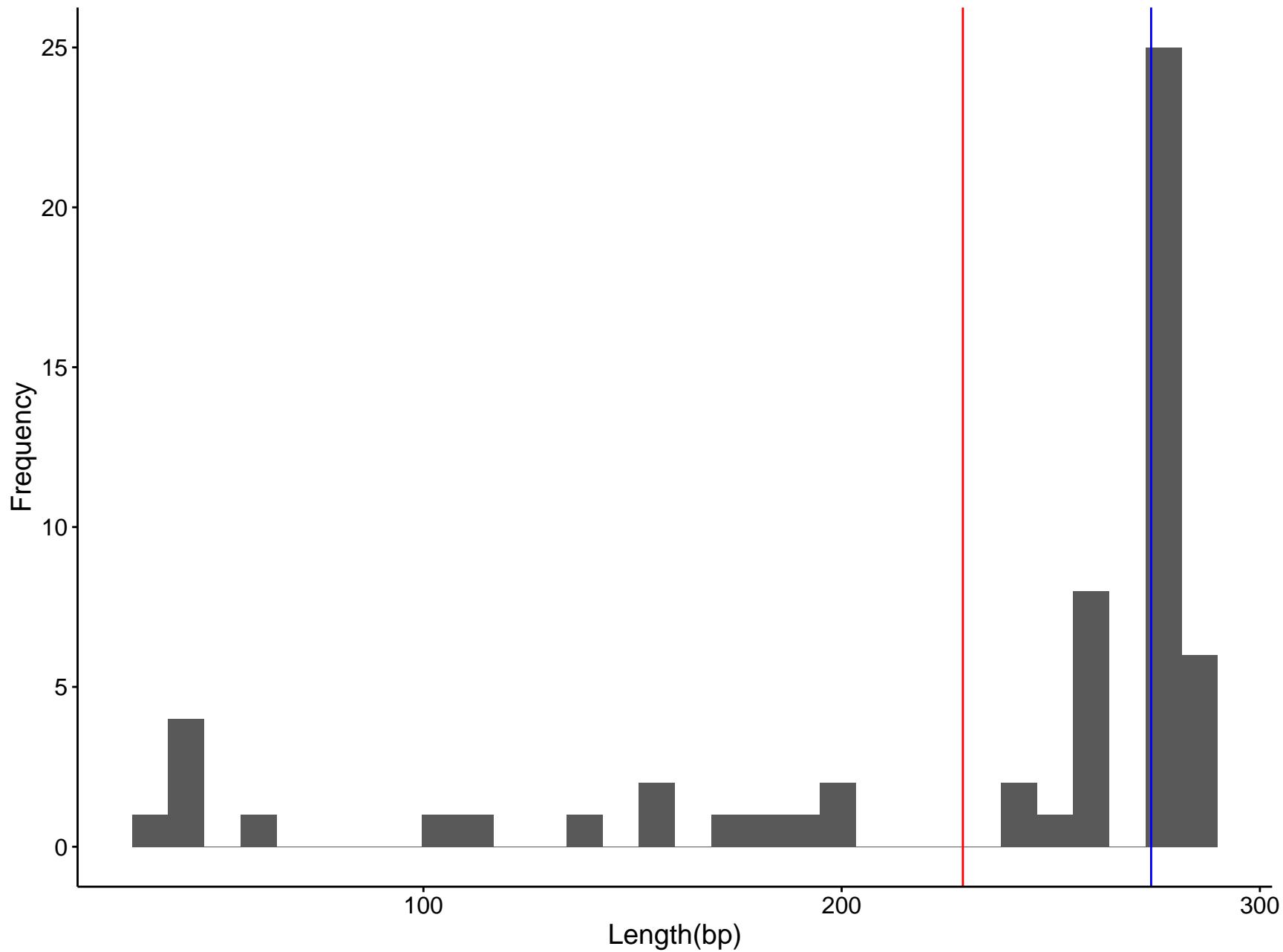
Cluster1477



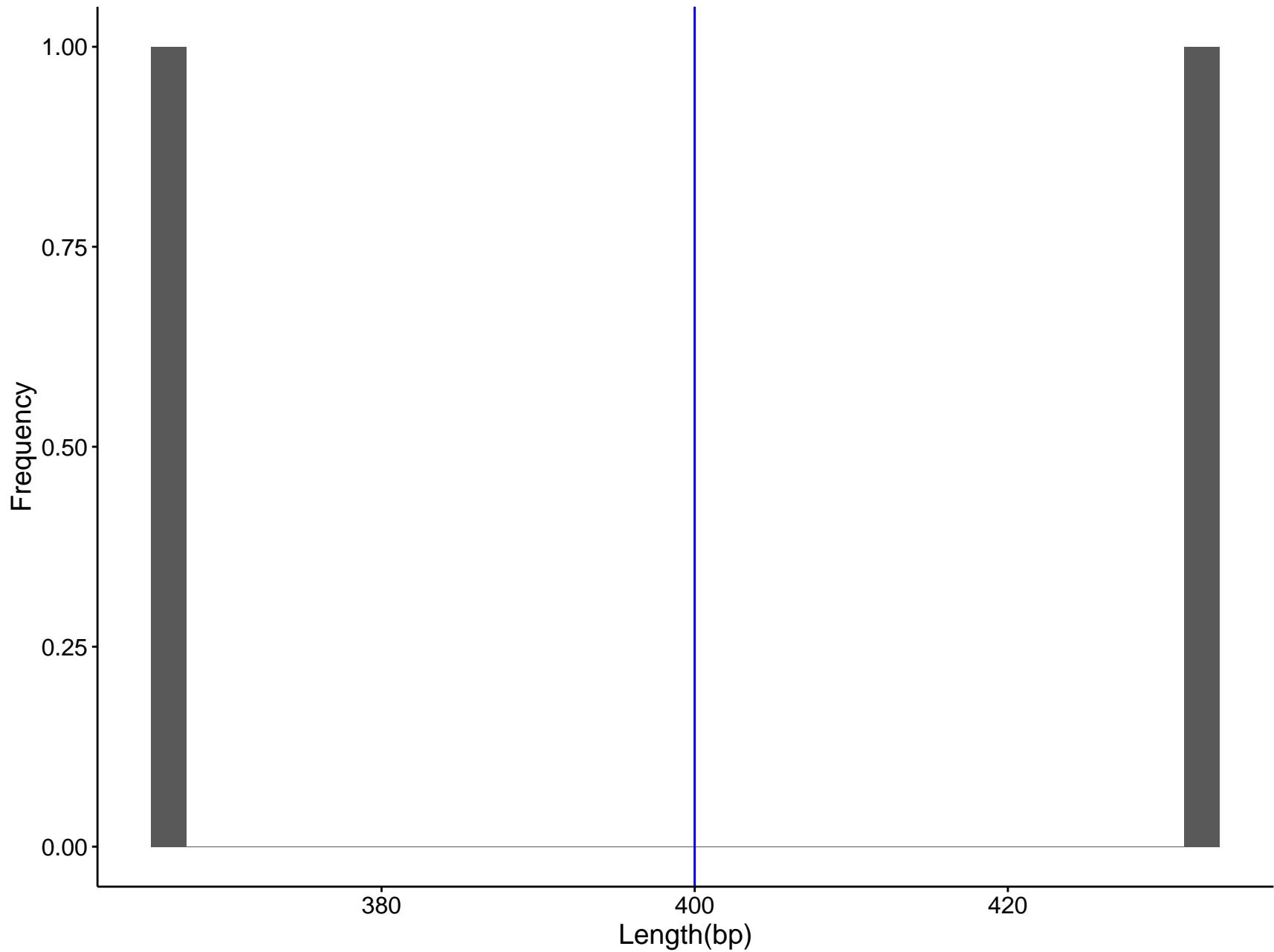
Cluster1478



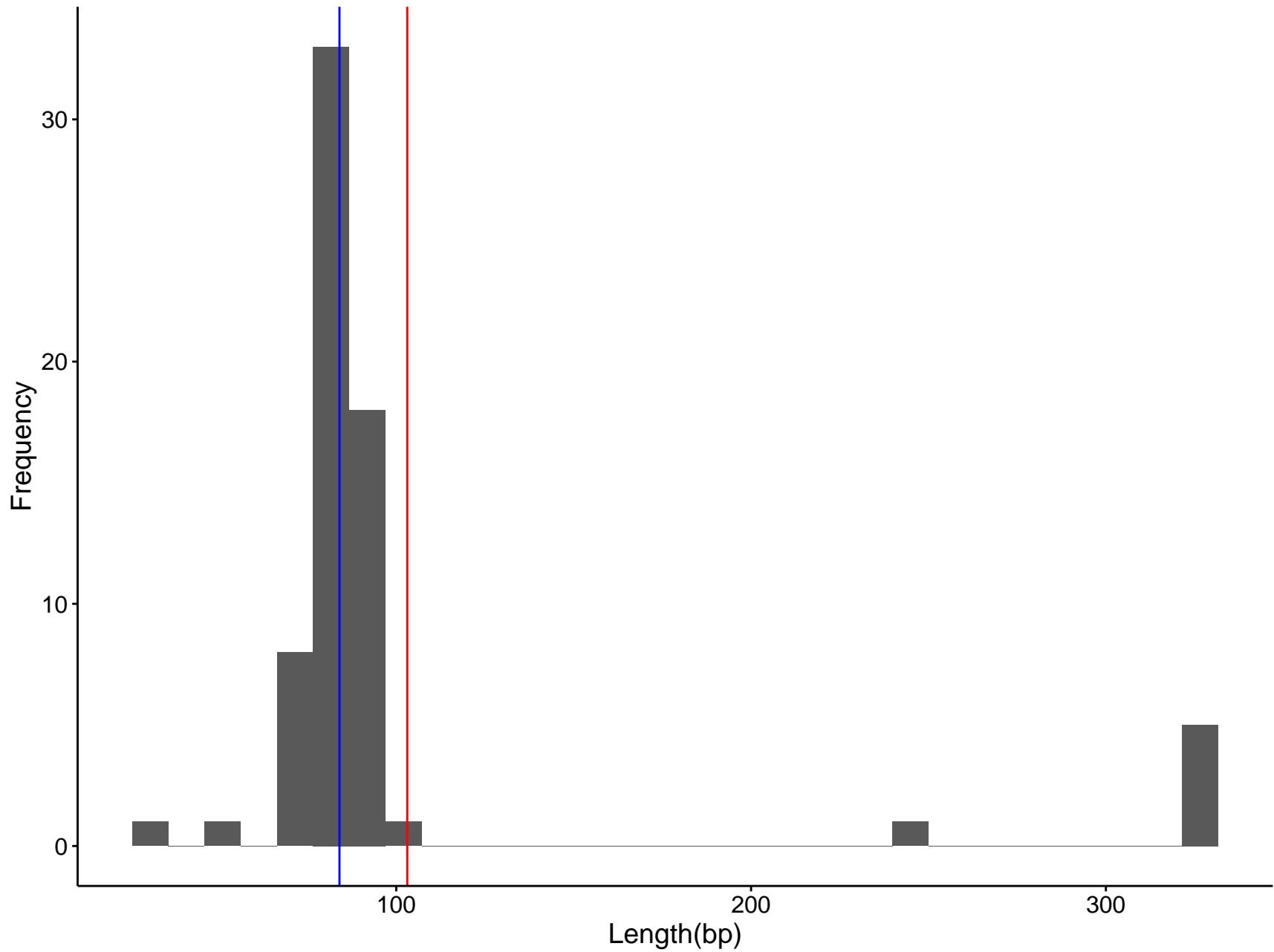
Cluster1479



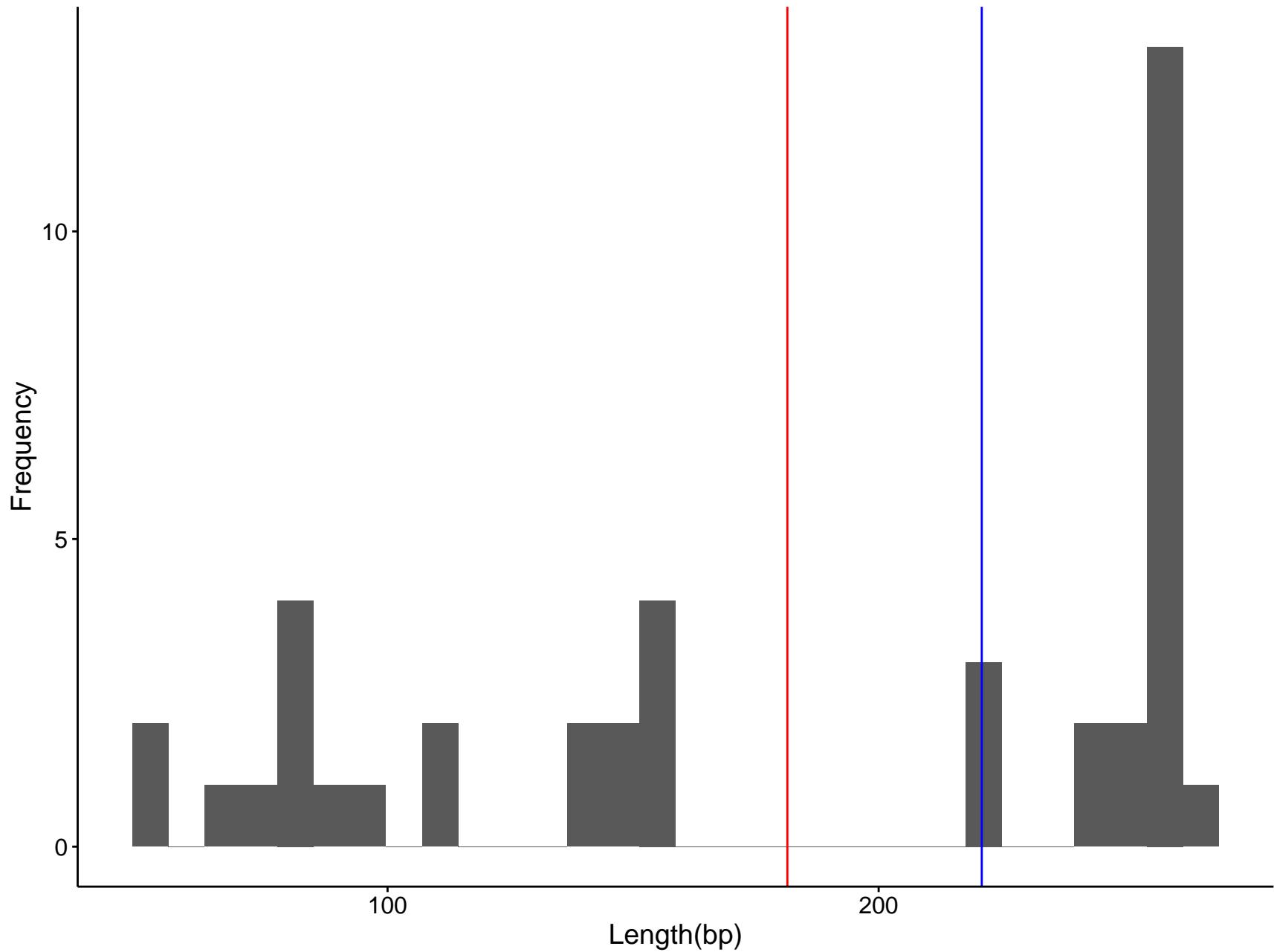
Cluster147



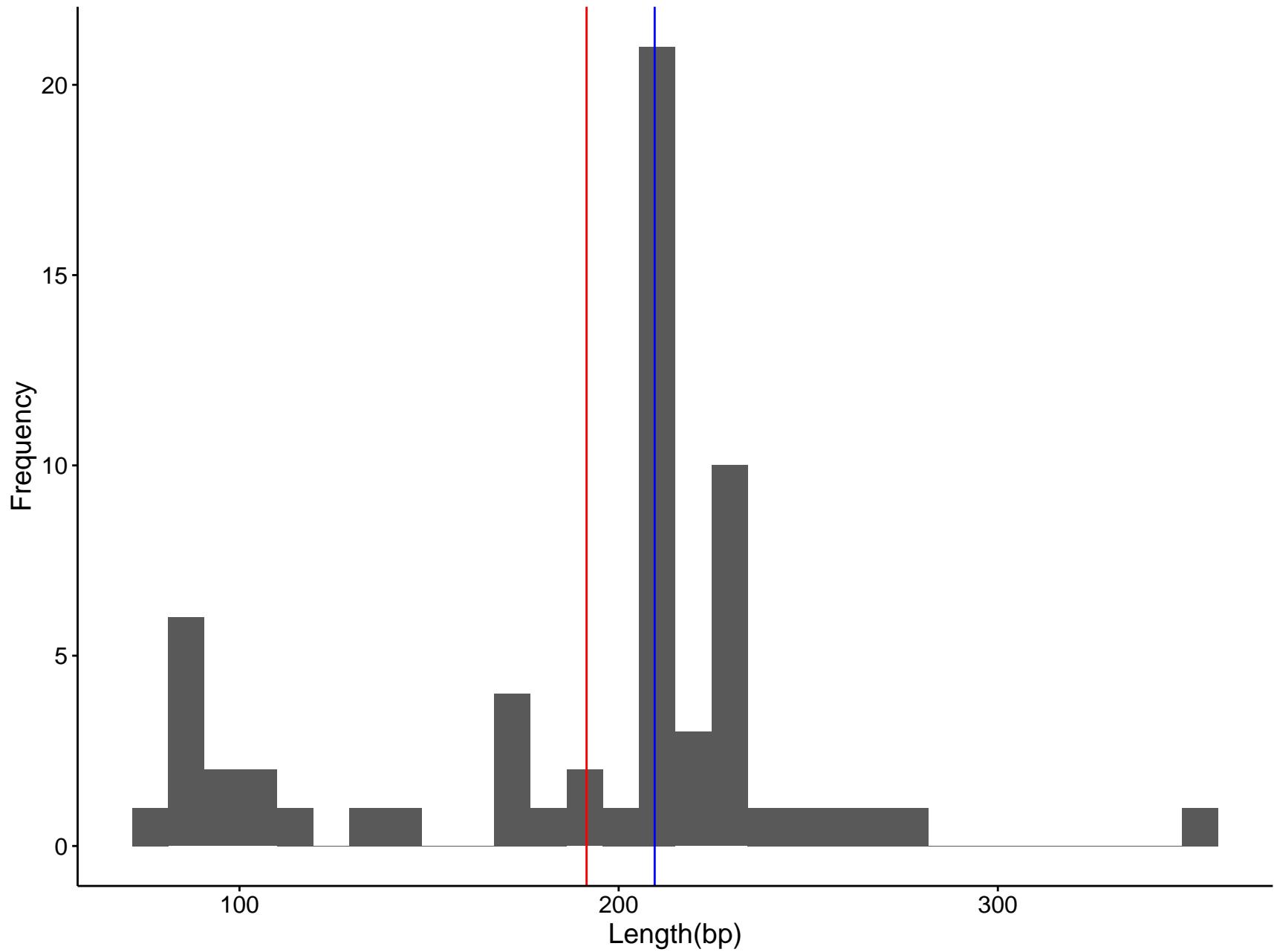
Cluster1480



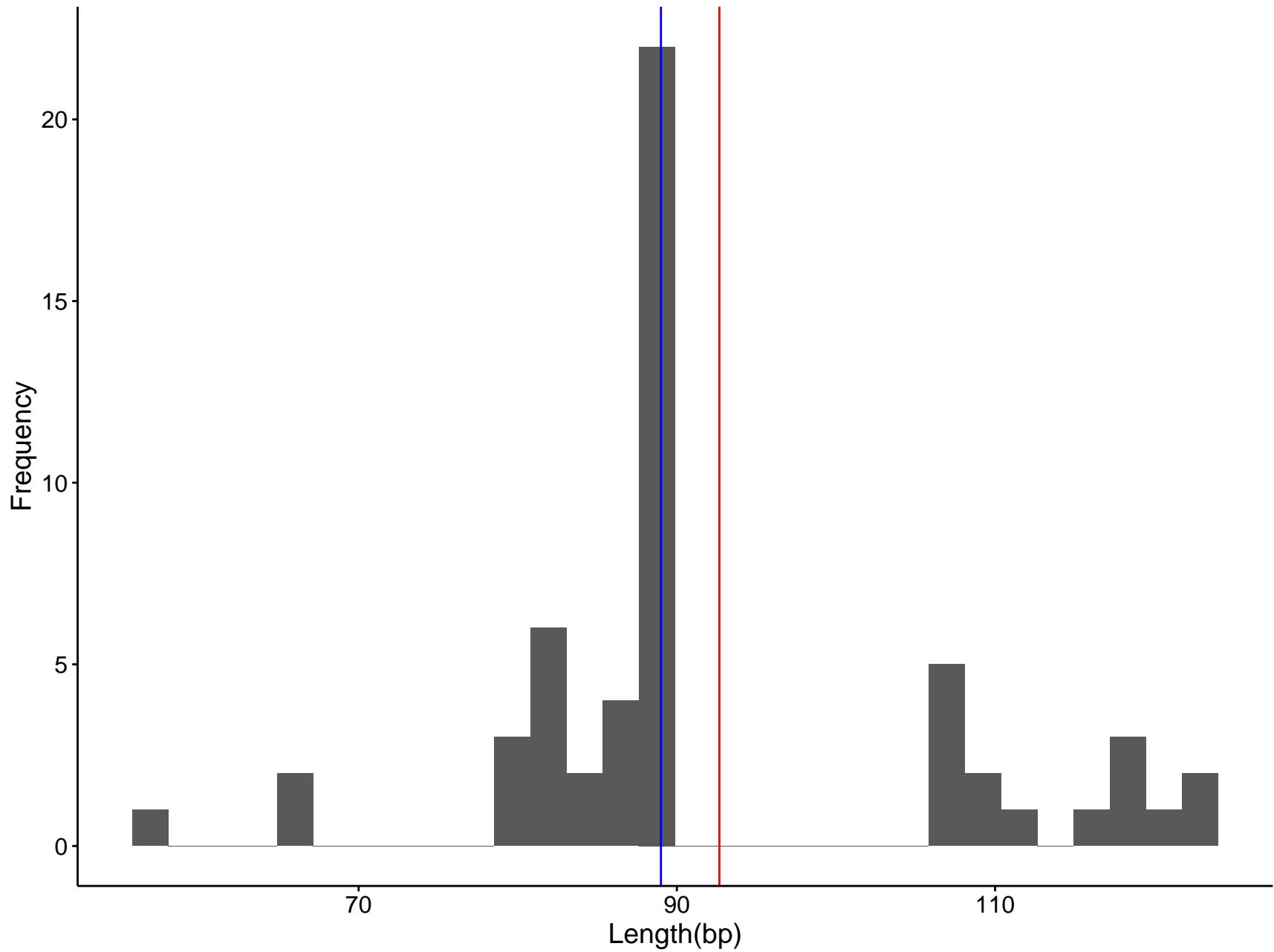
Cluster1481



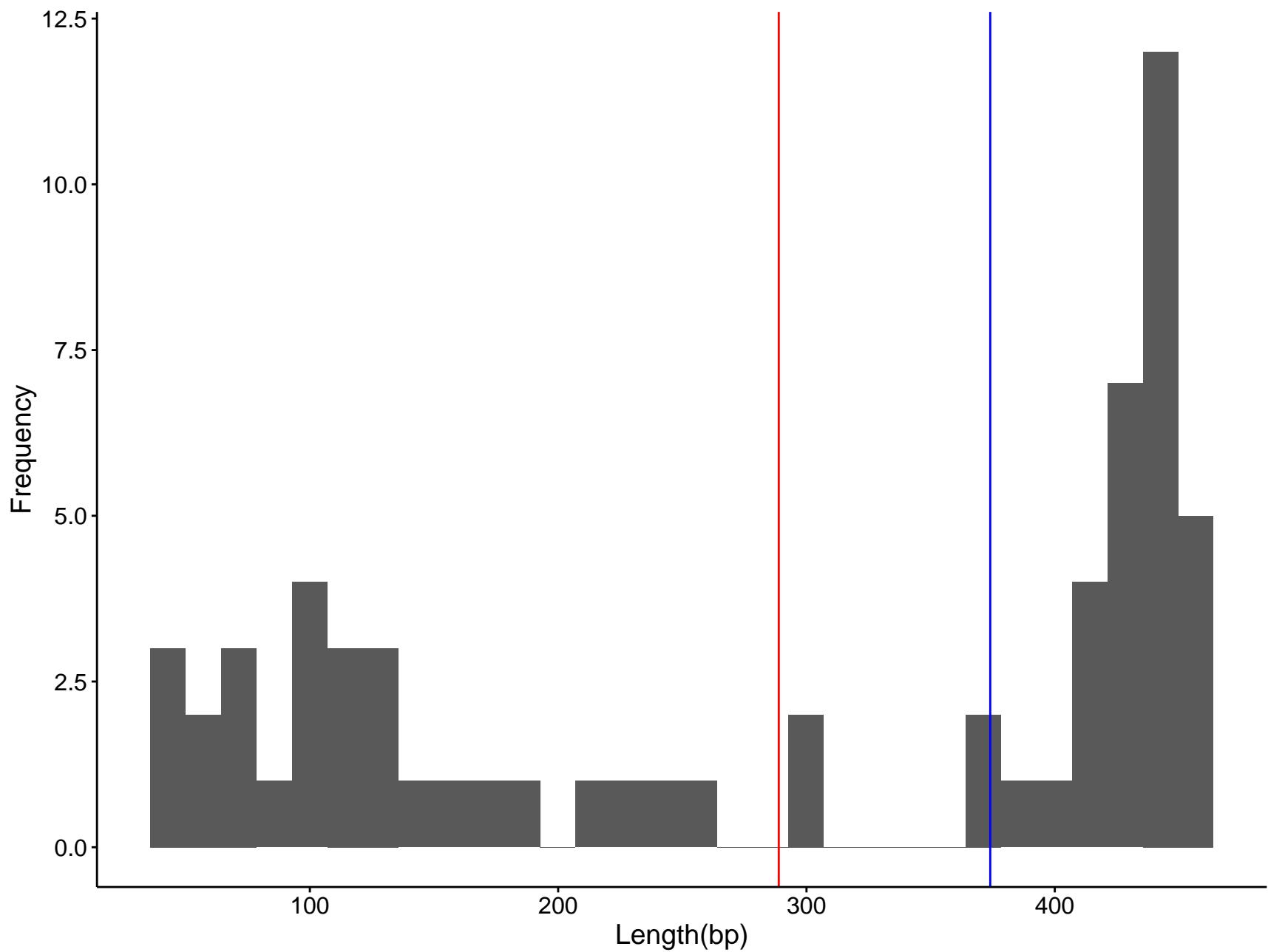
Cluster1484



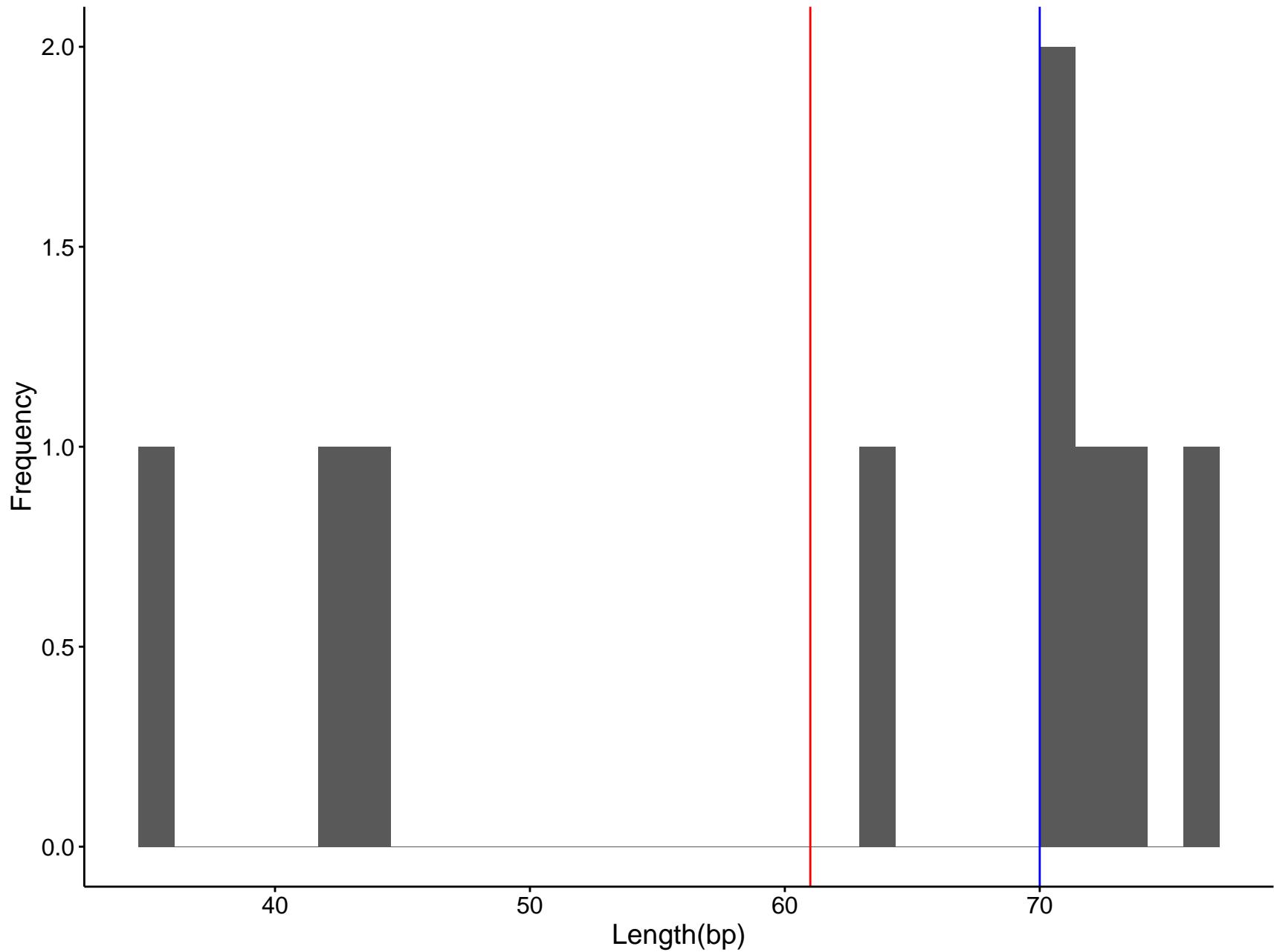
Cluster1485



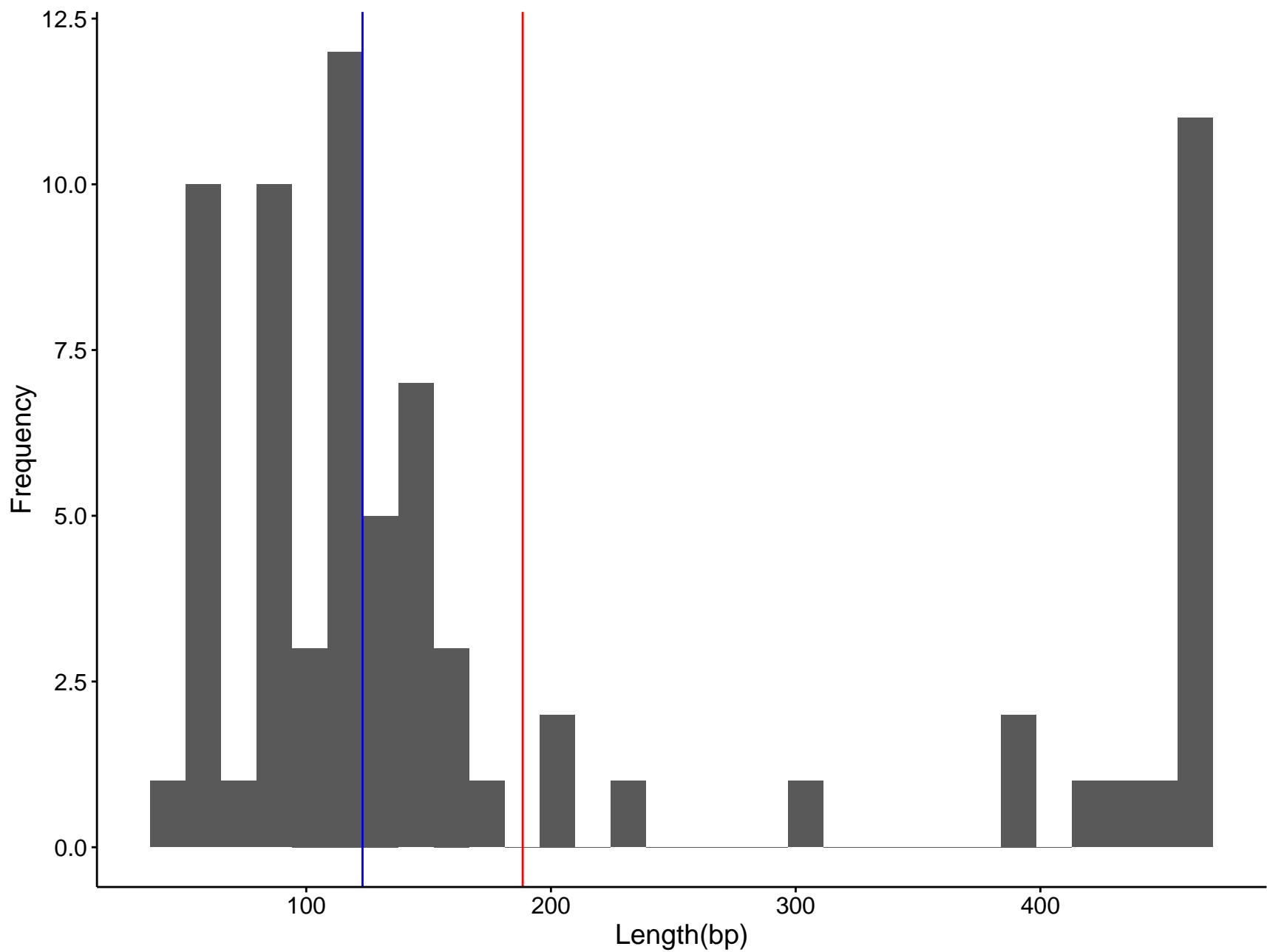
Cluster1486



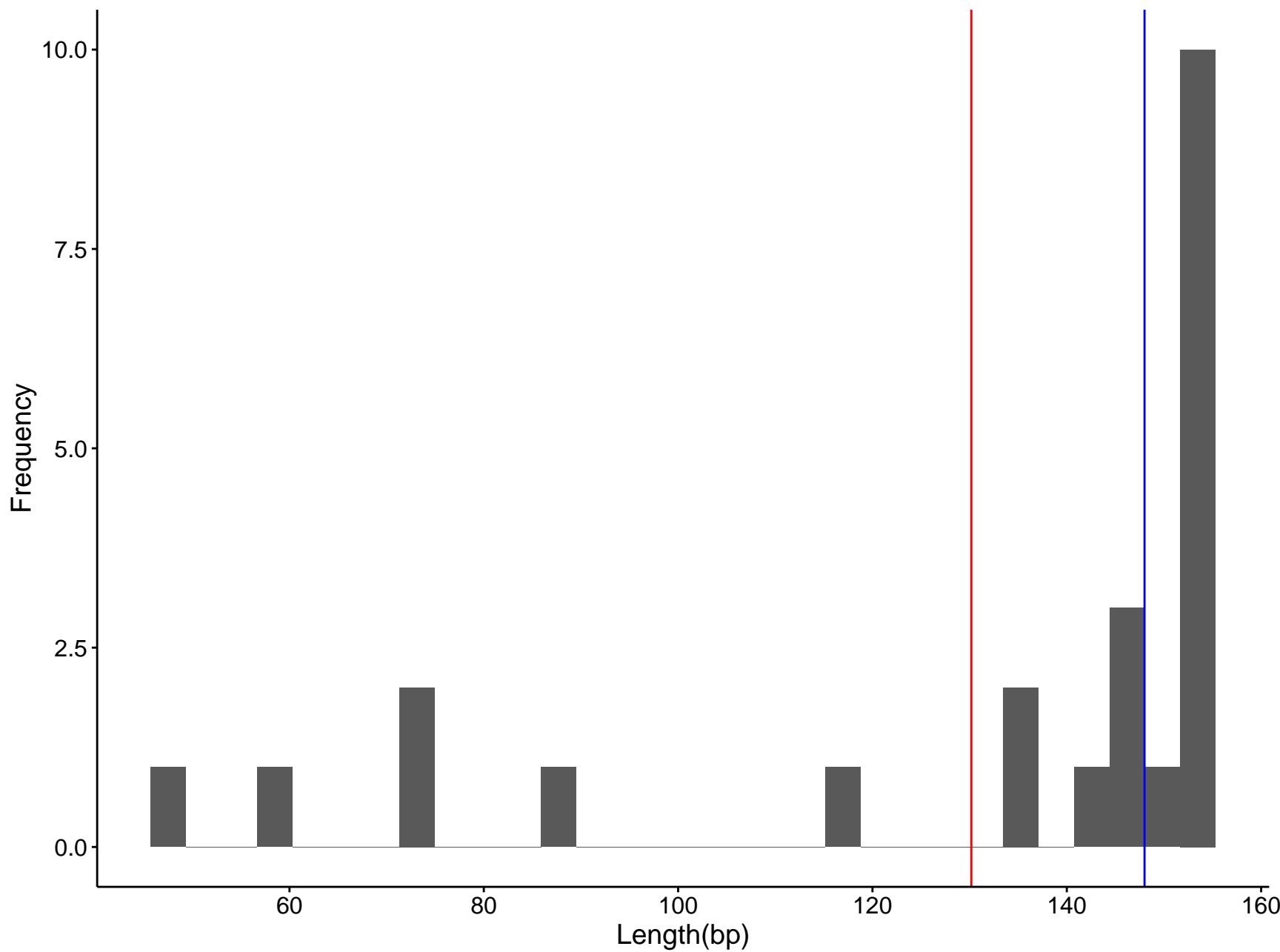
Cluster1487



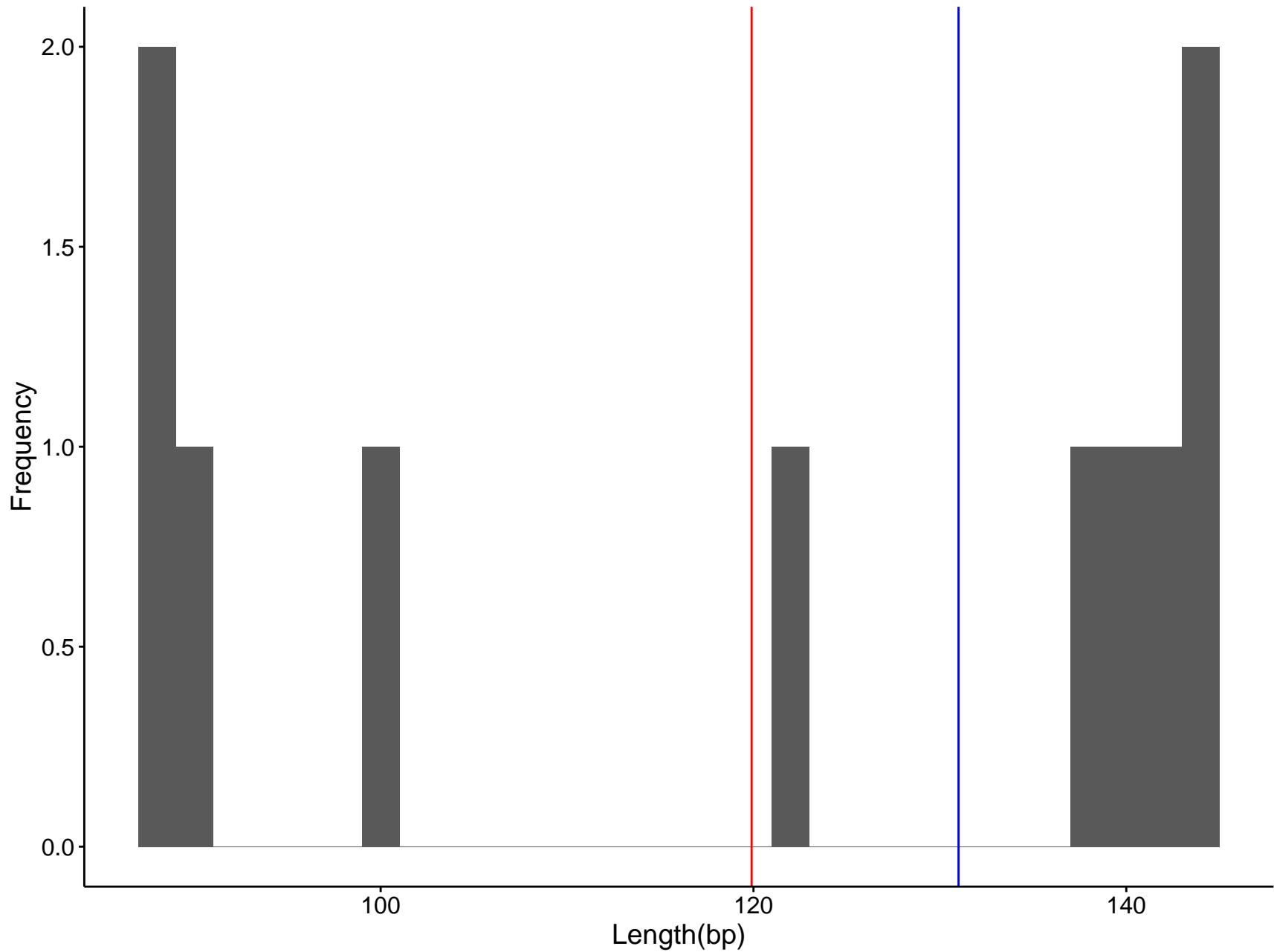
Cluster1488



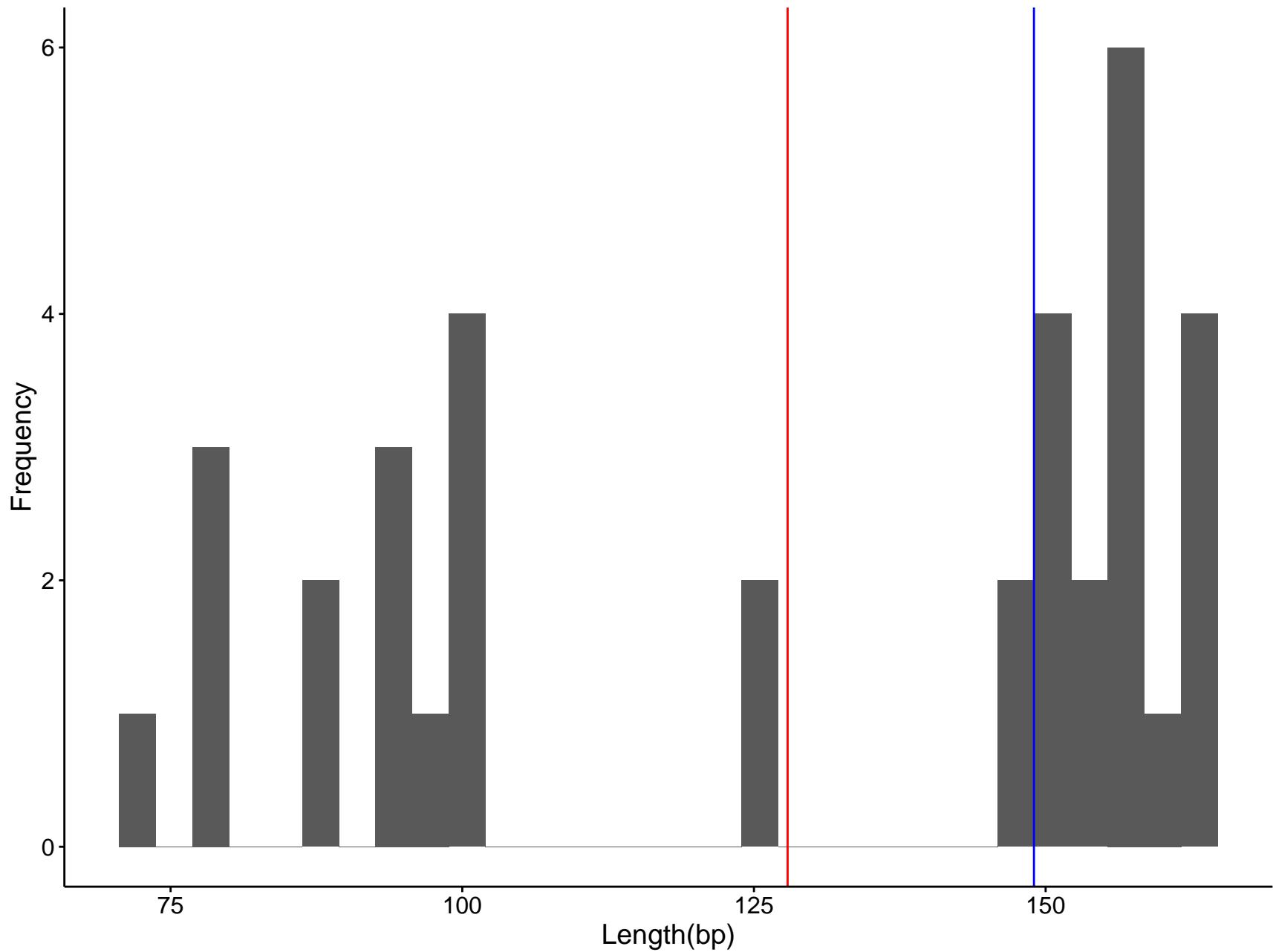
Cluster1489



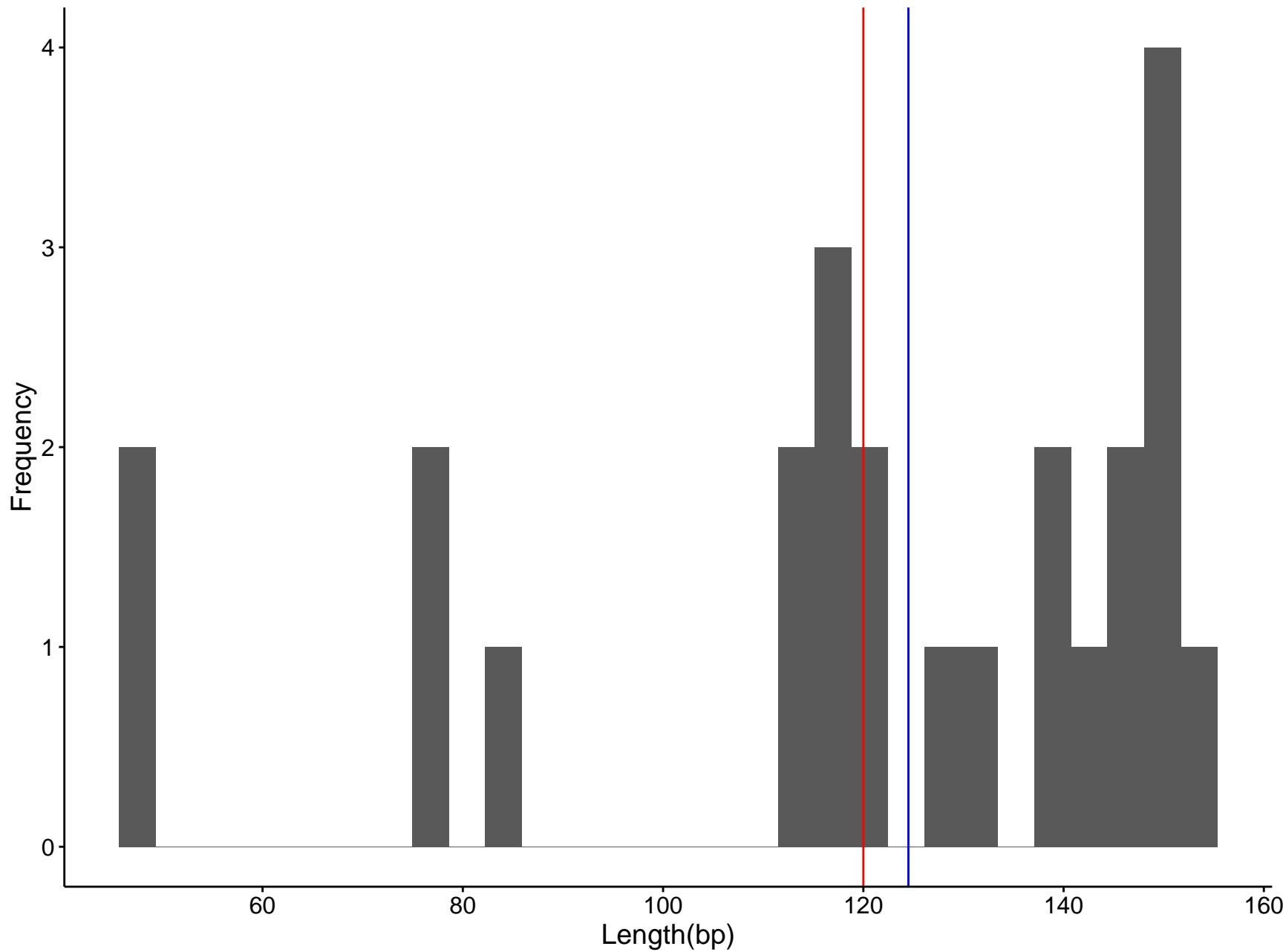
Cluster1490



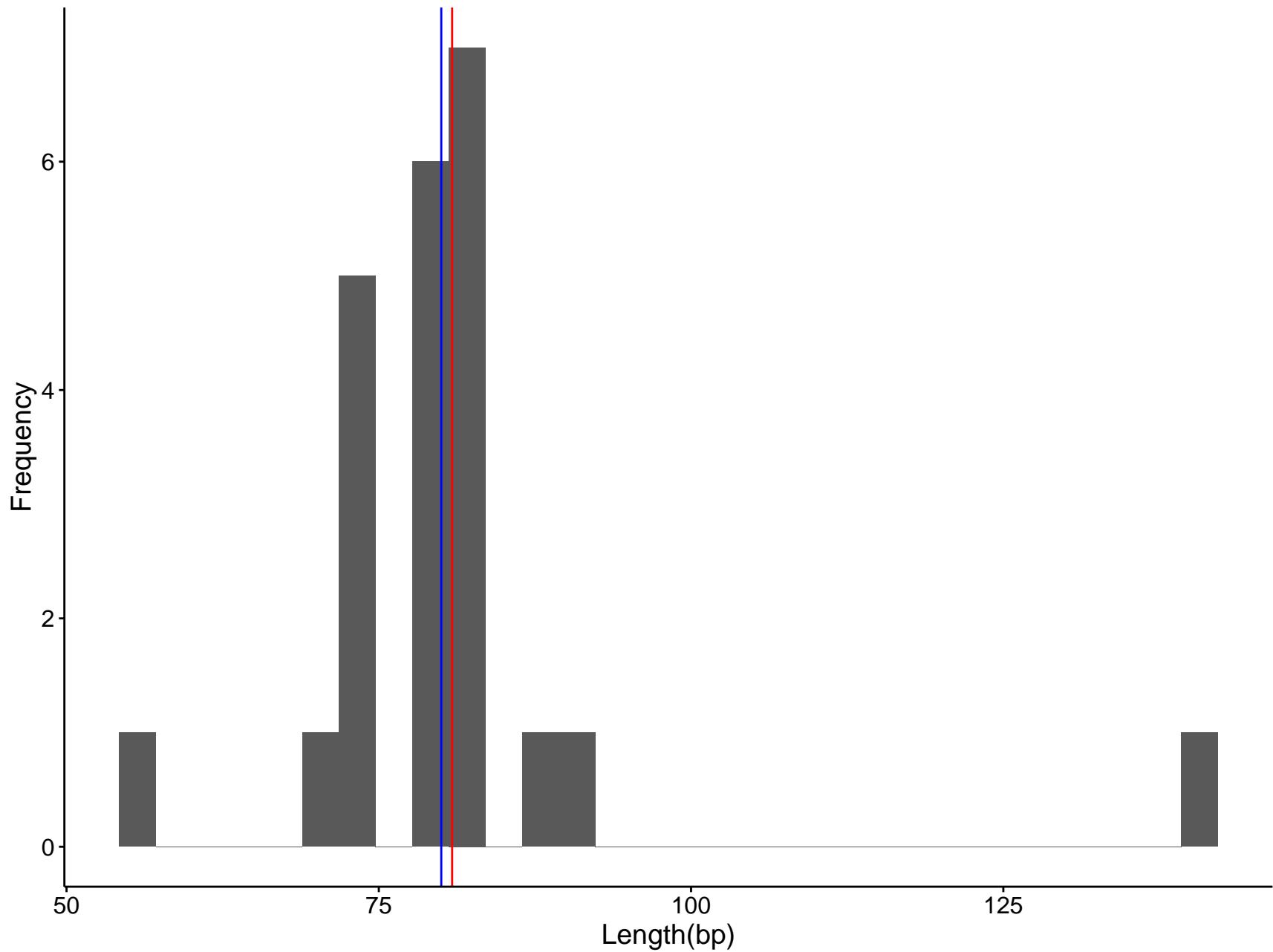
Cluster1491



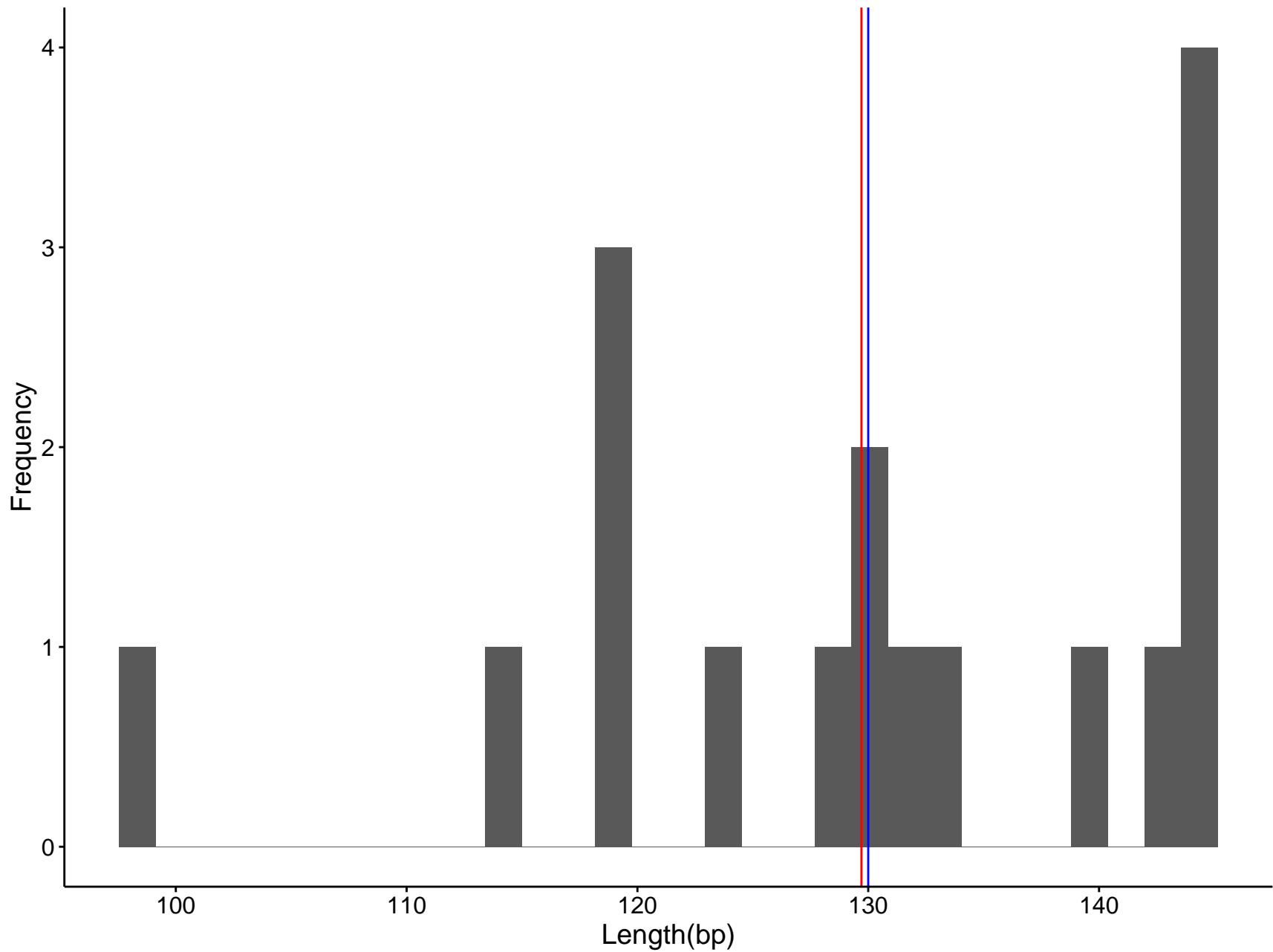
Cluster1492



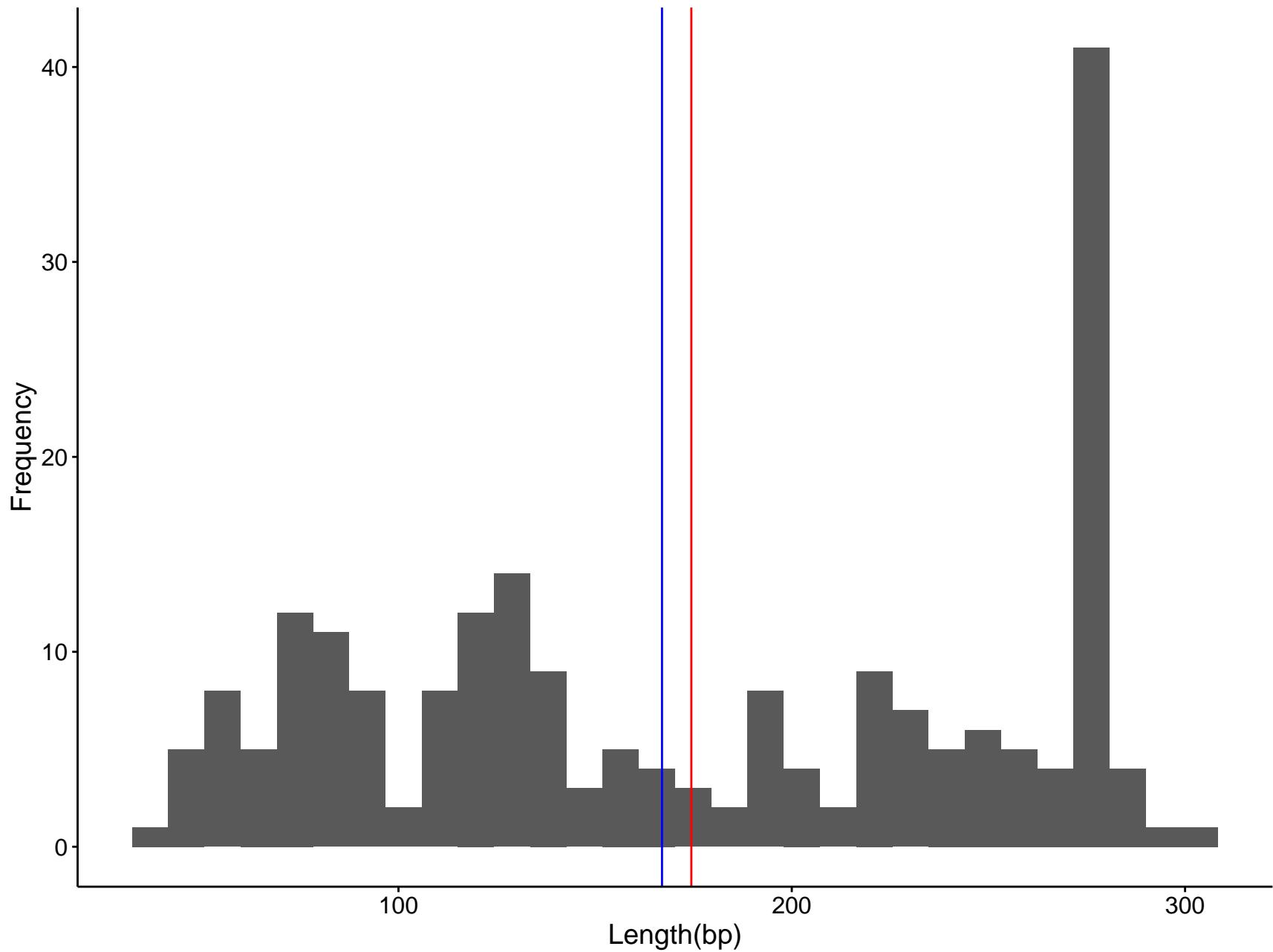
Cluster1493



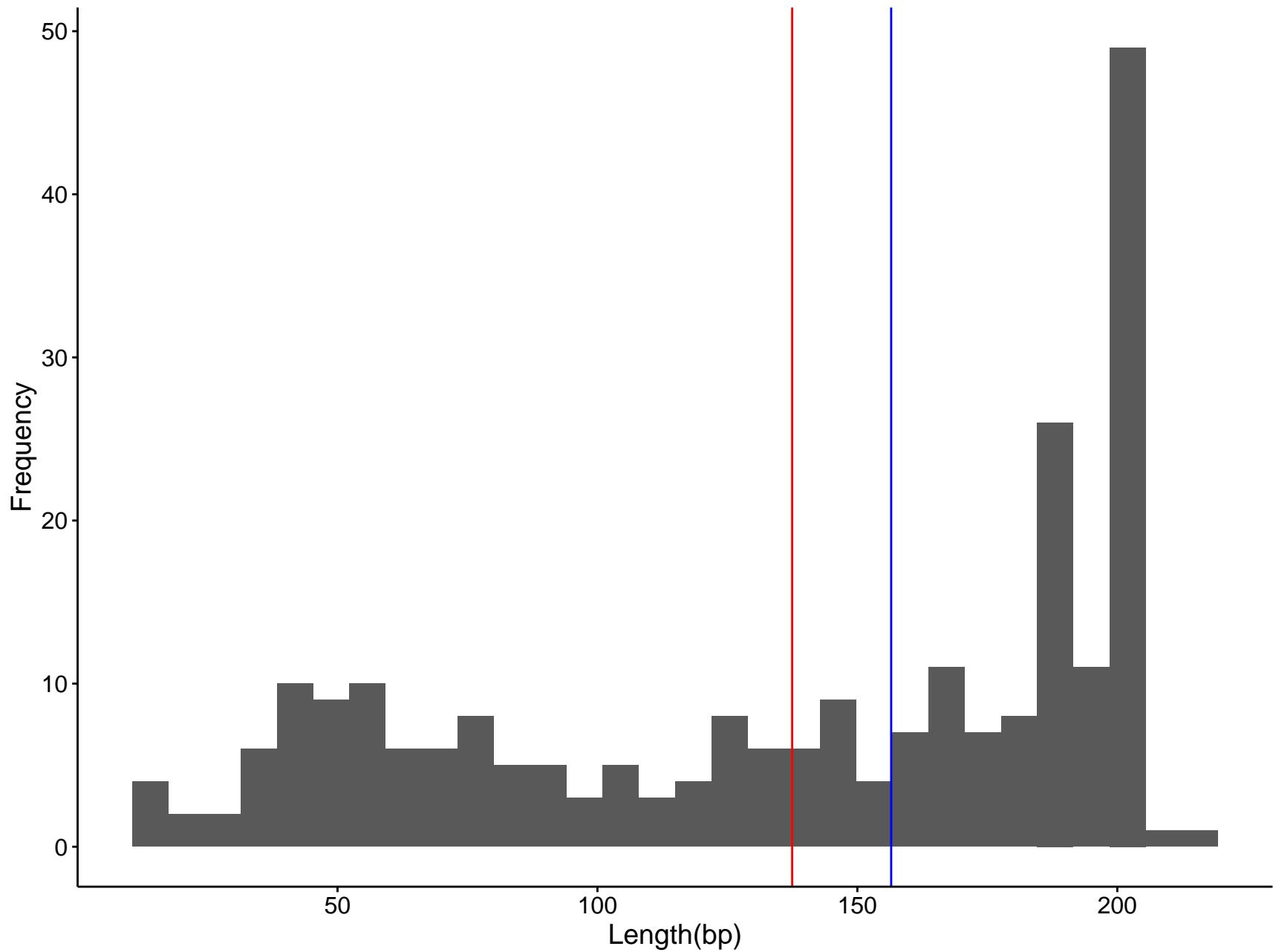
Cluster1494



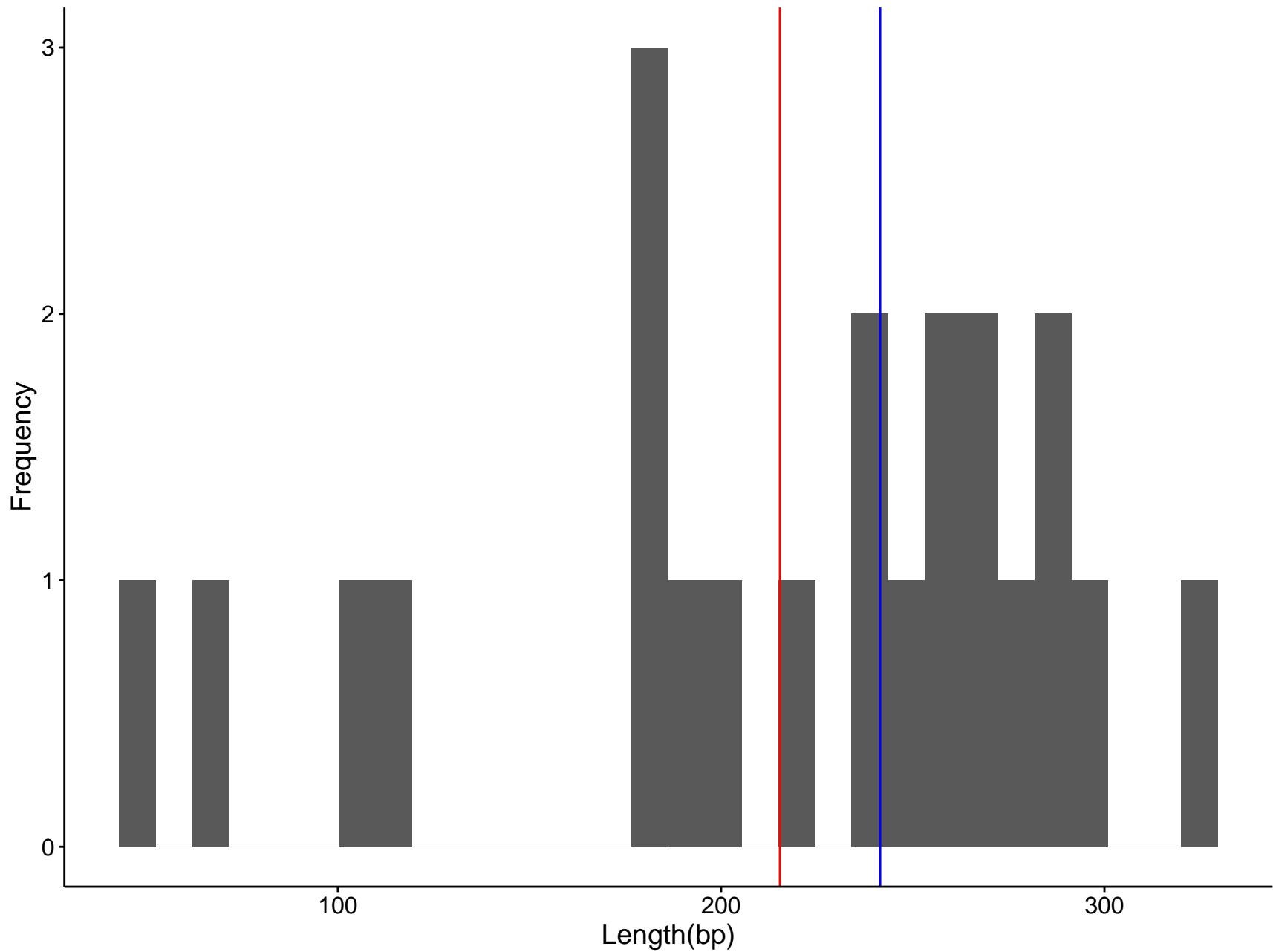
Cluster1495



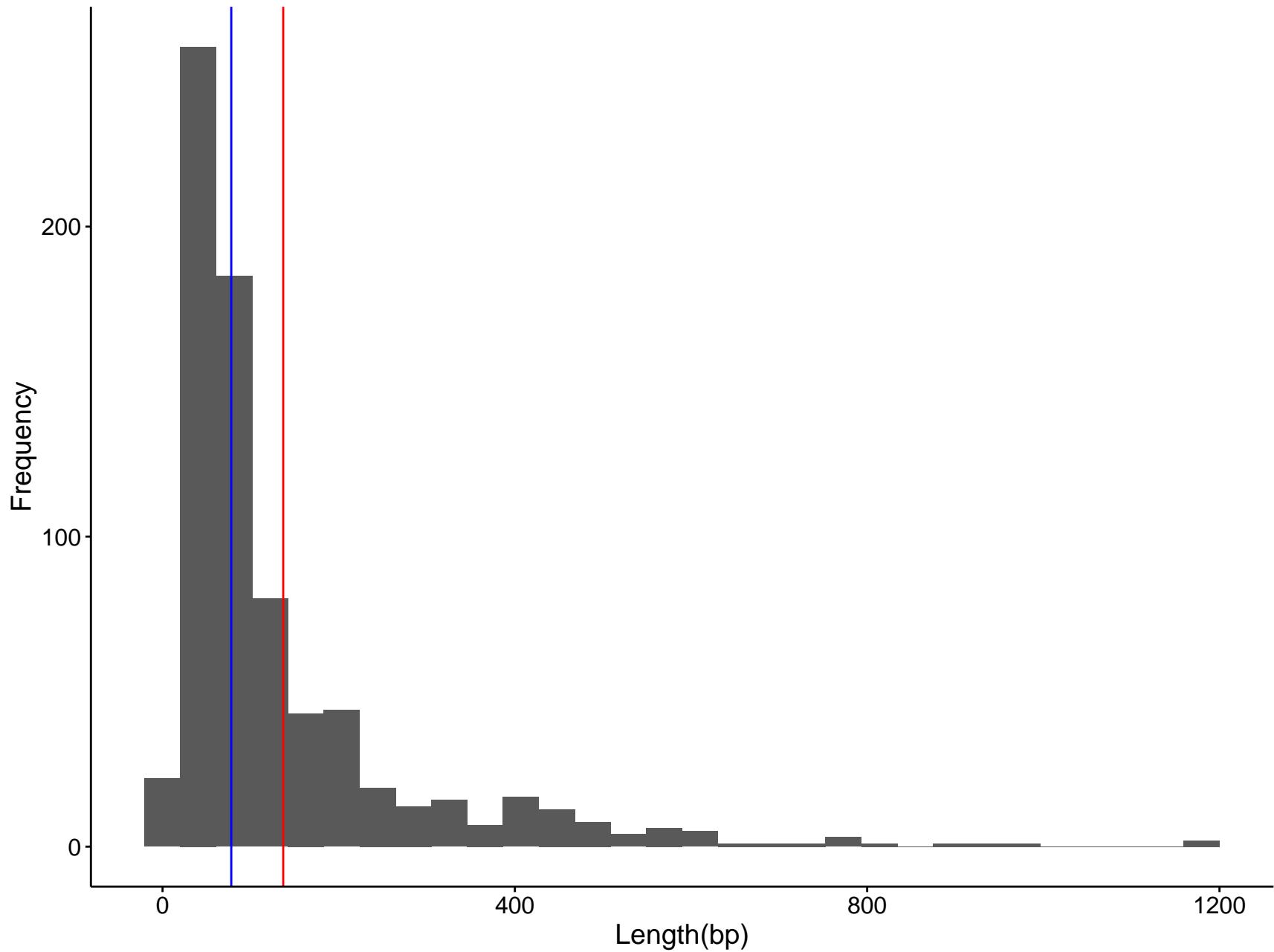
Cluster1496



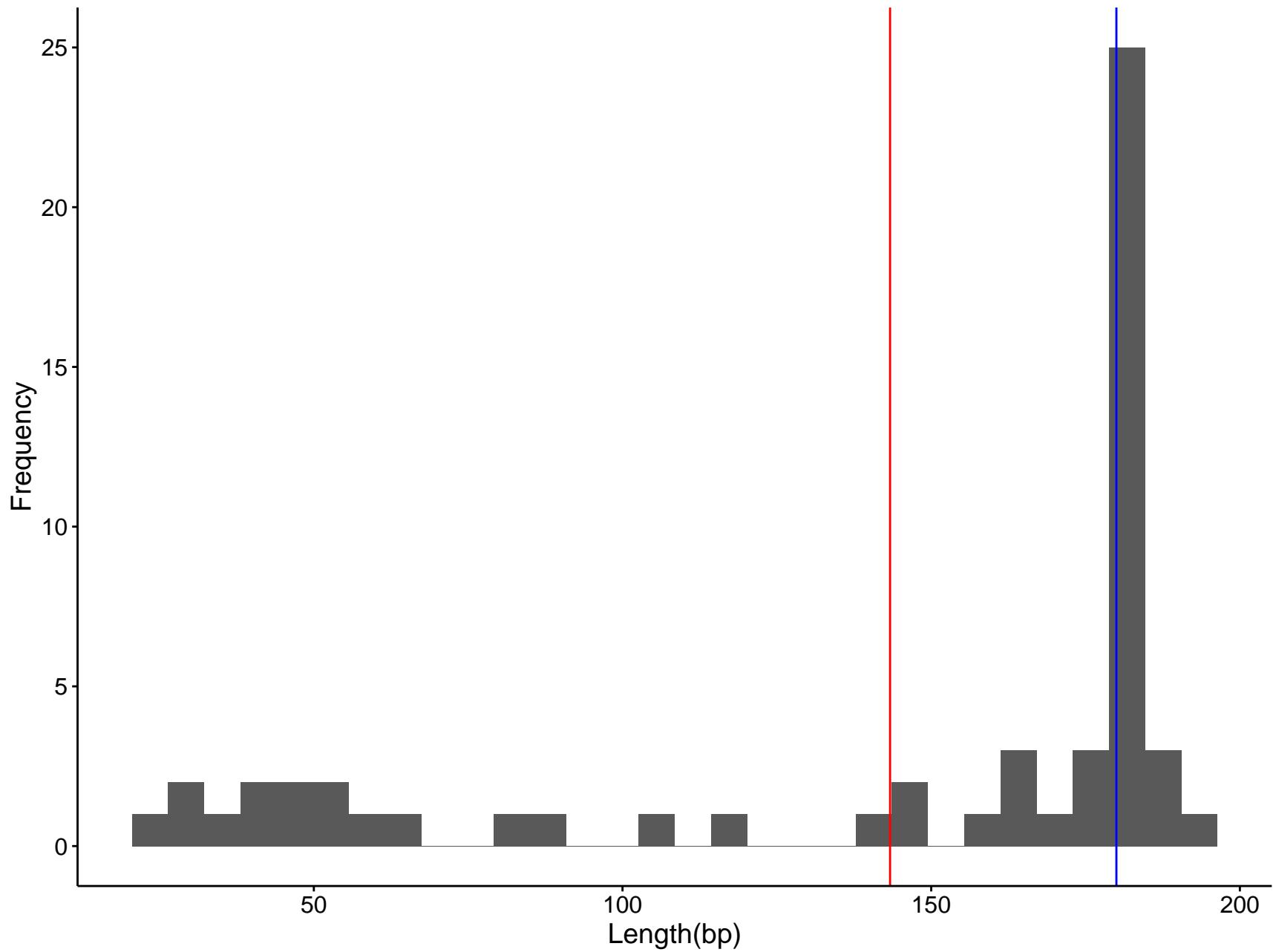
Cluster1497



Cluster1498



Cluster1499



Cluster149

Frequency

188.950

188.975

189.000

189.025

189.050

Length(bp)



Cluster14

Frequency

62.950

62.975

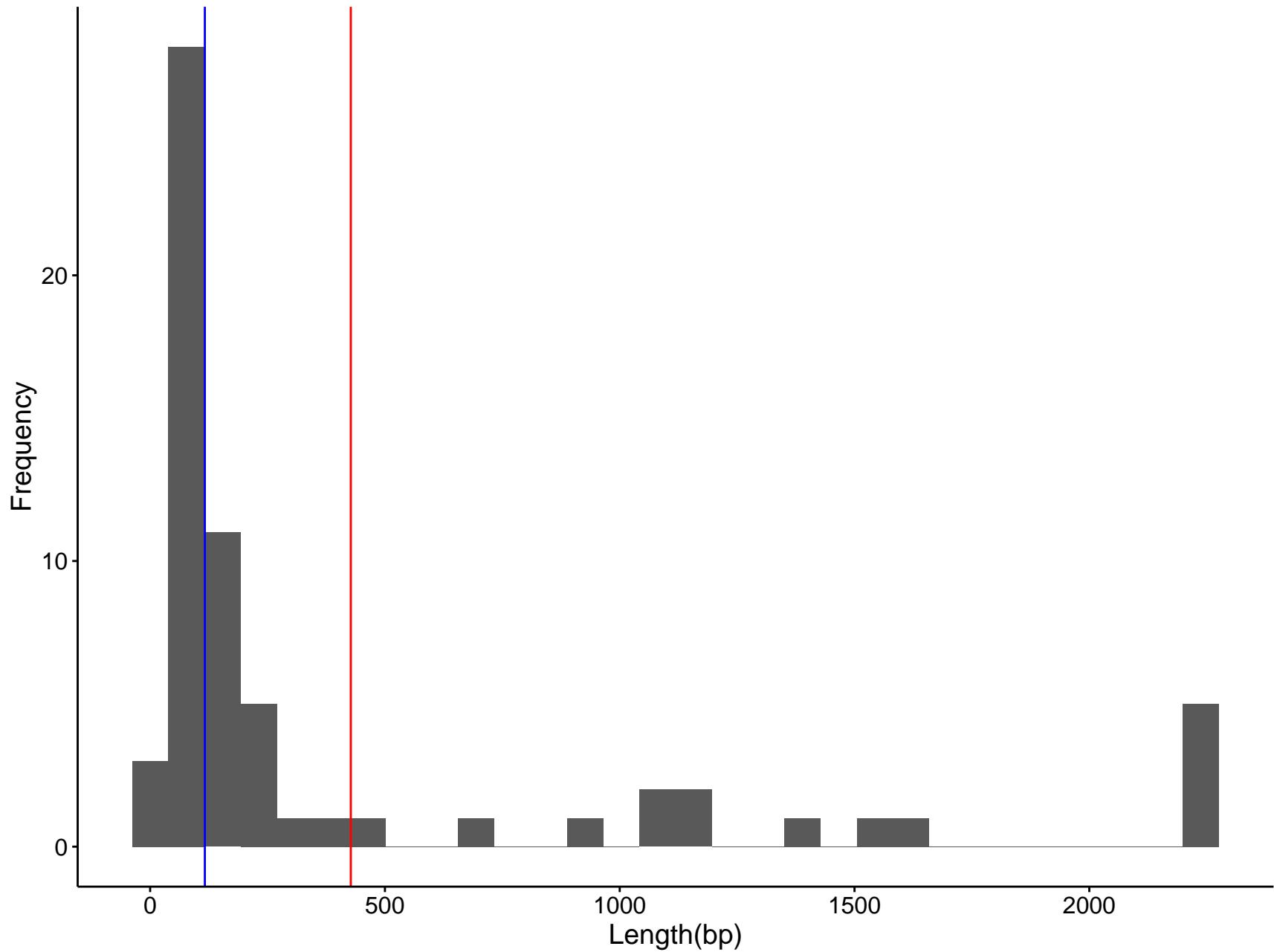
63.000

63.025

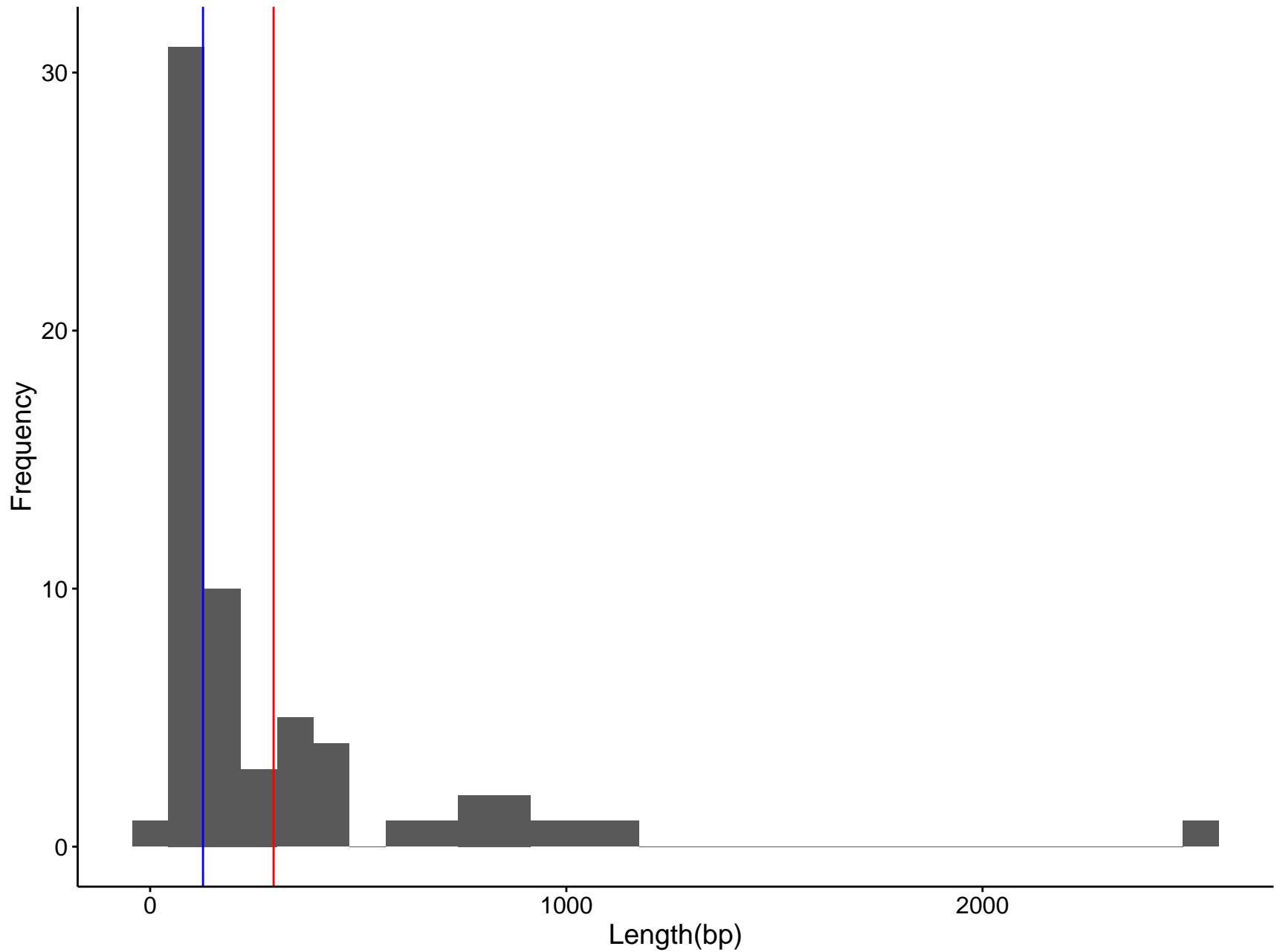
Length(bp)



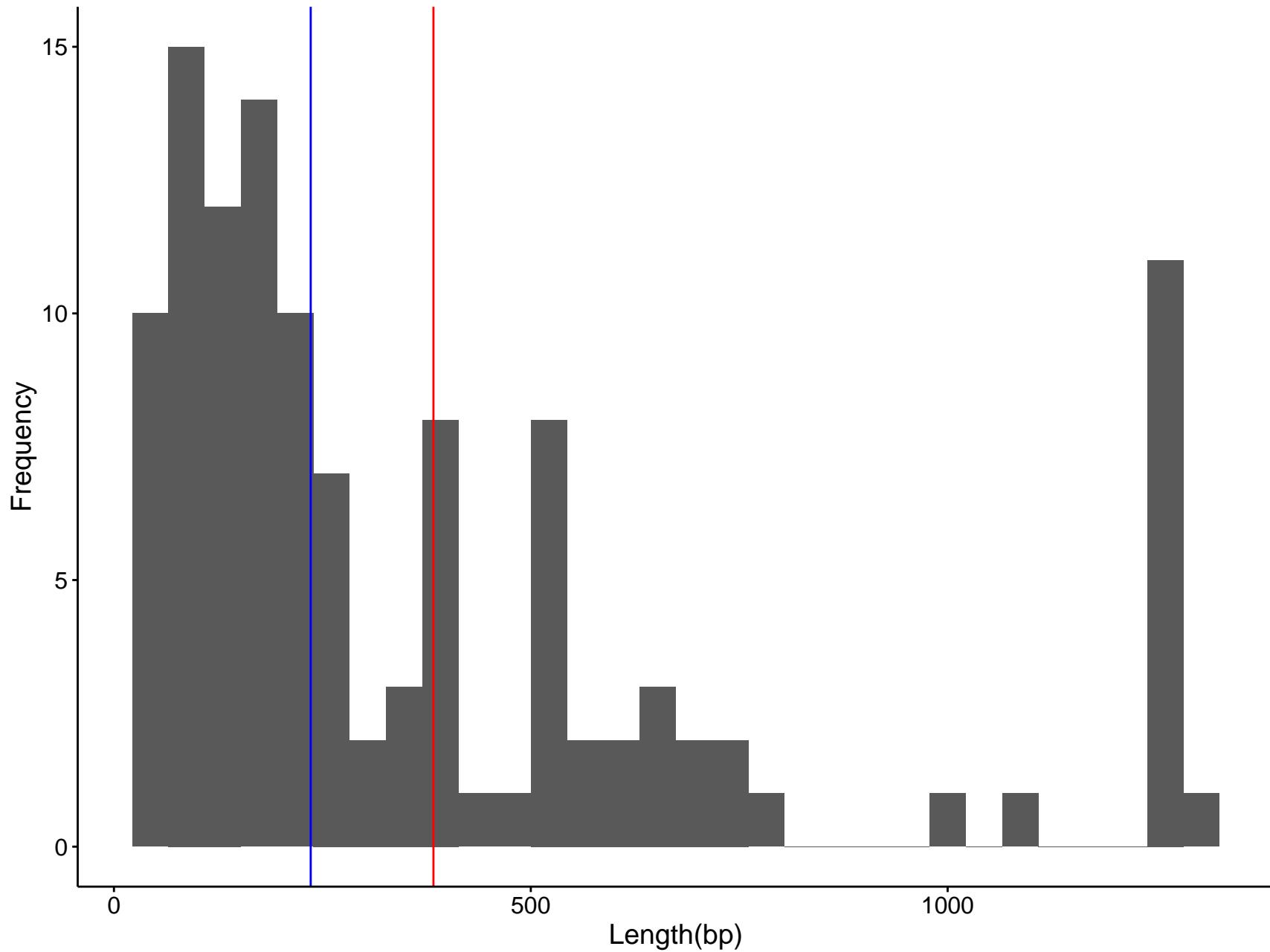
Cluster1500



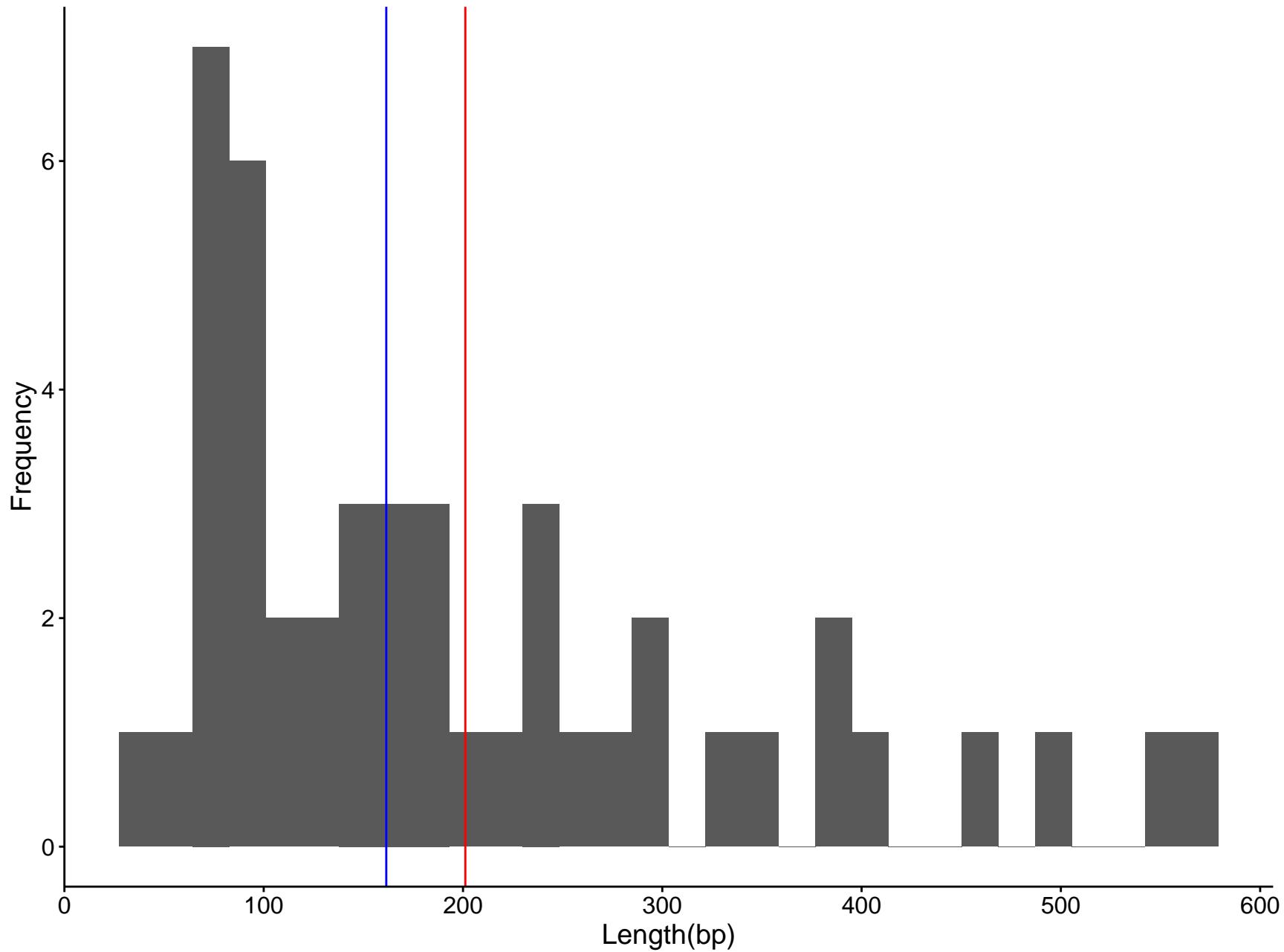
Cluster1502



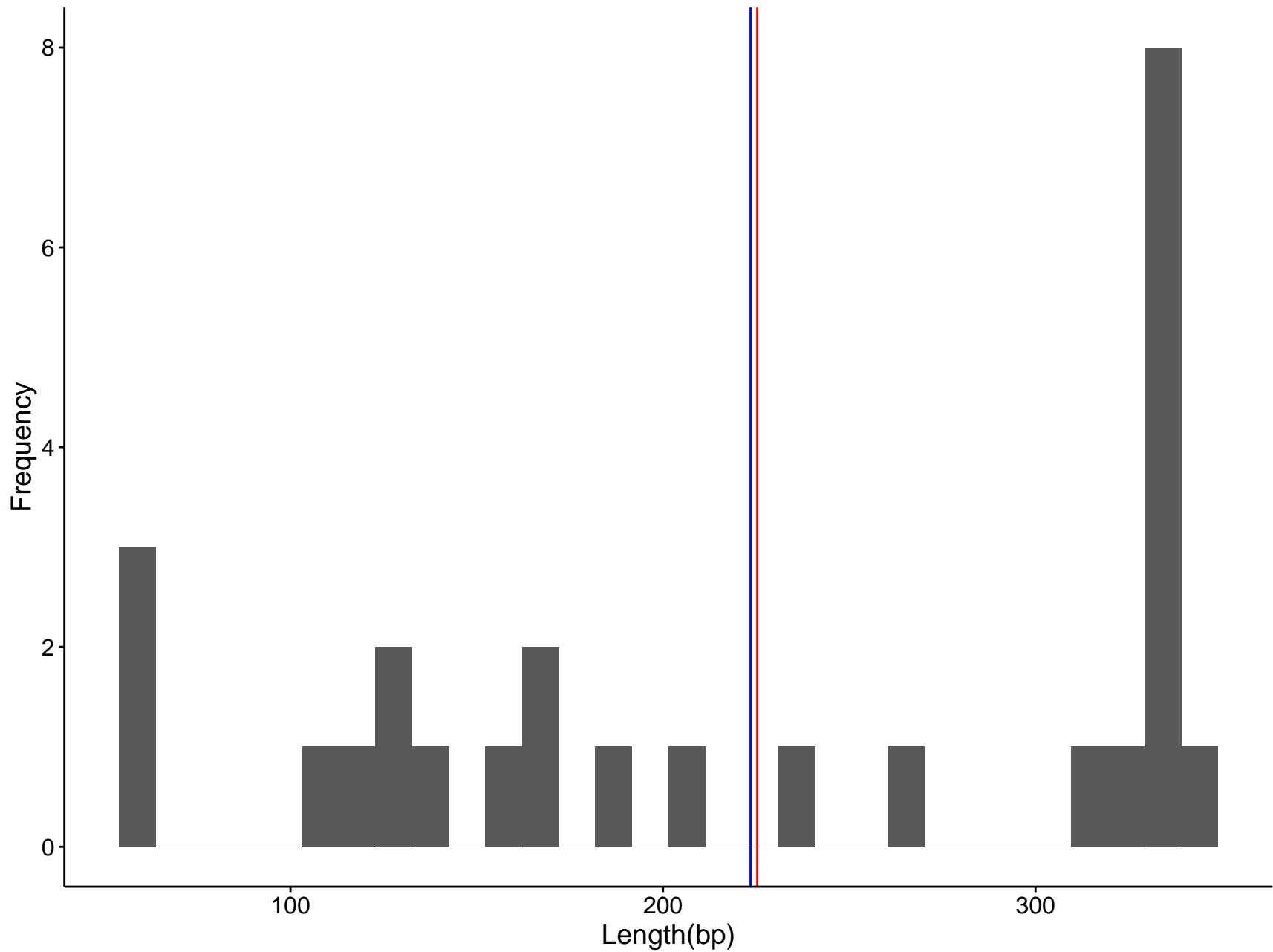
Cluster1504



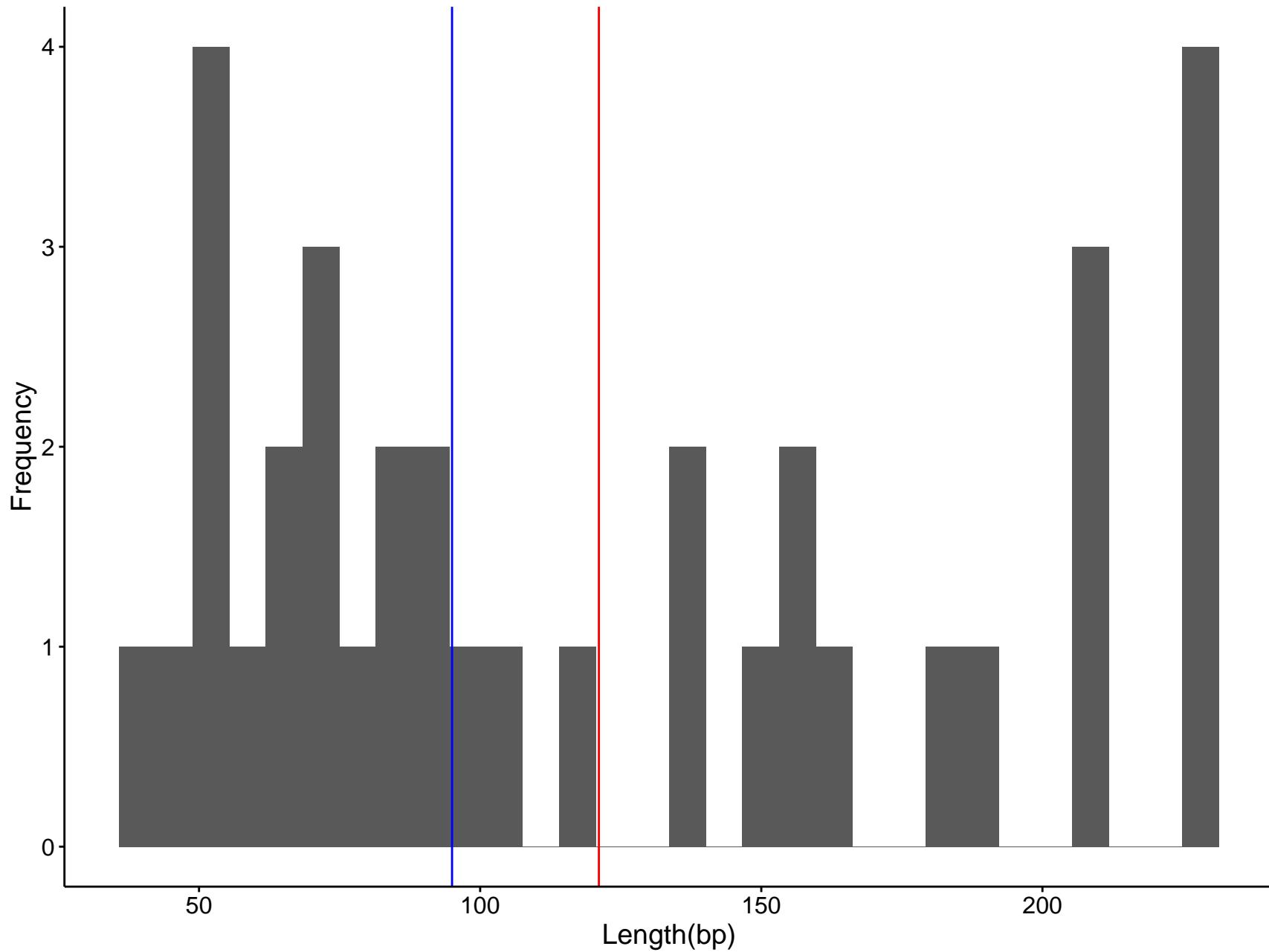
Cluster1506



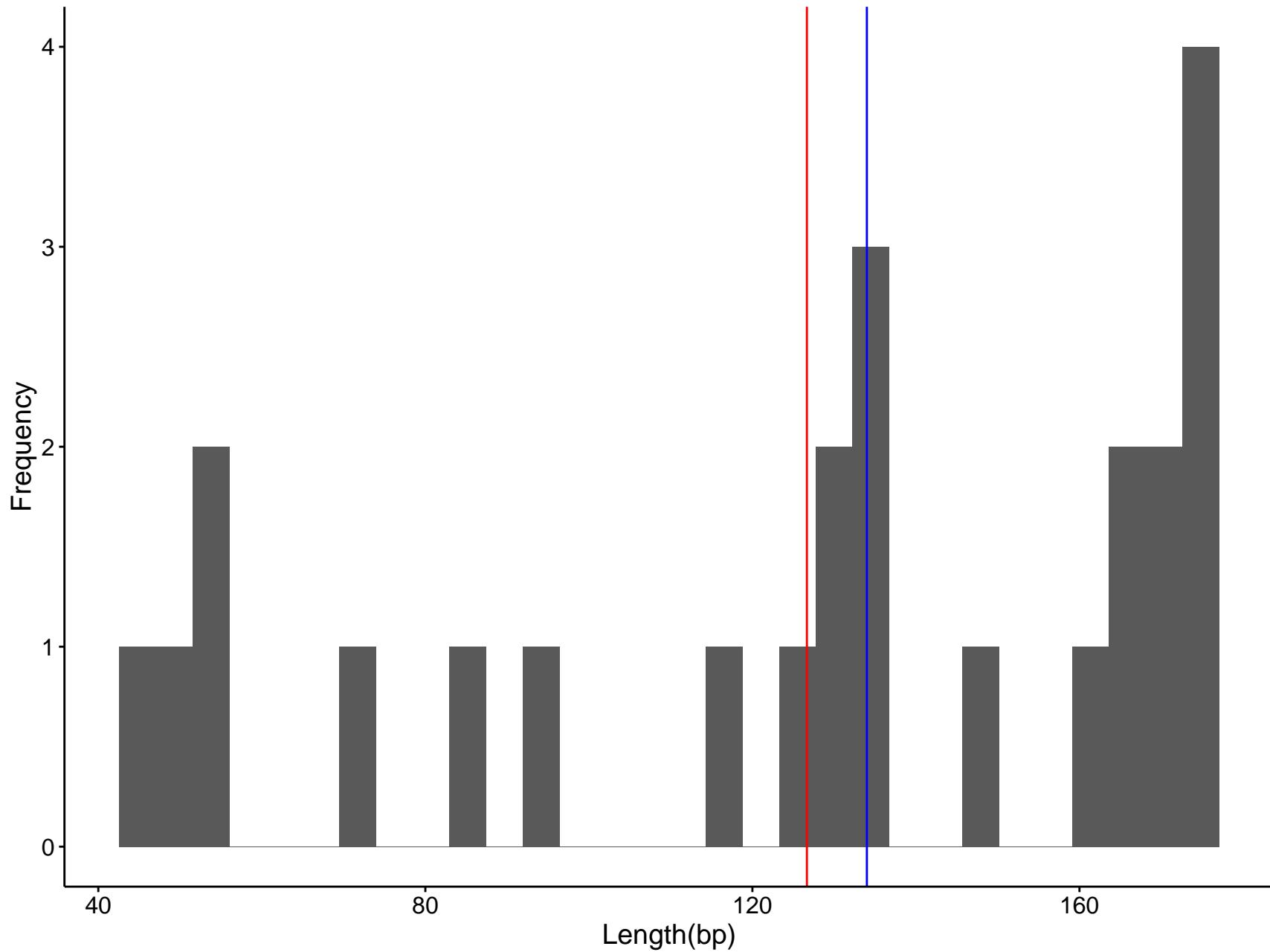
Cluster1509



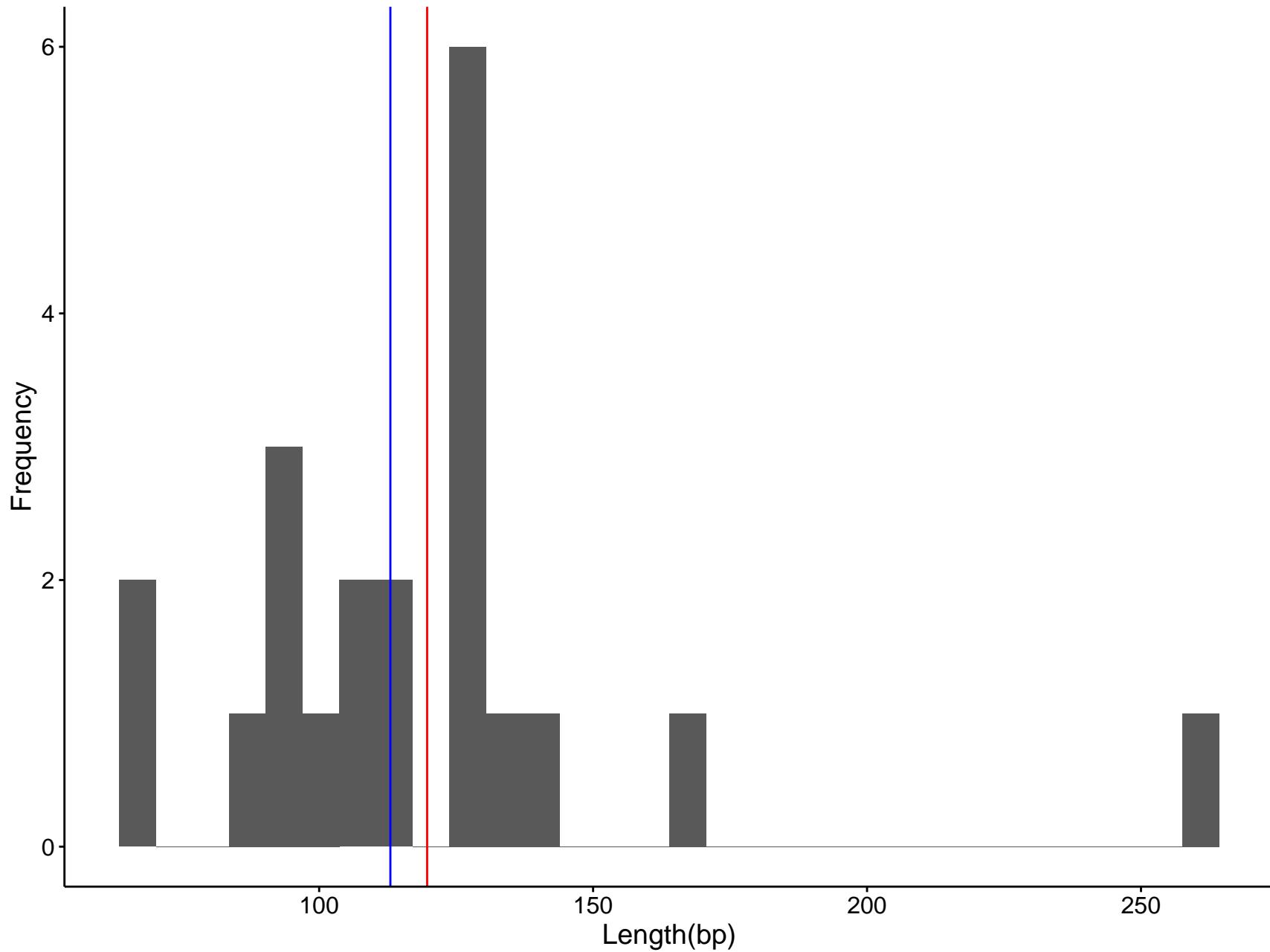
Cluster1511



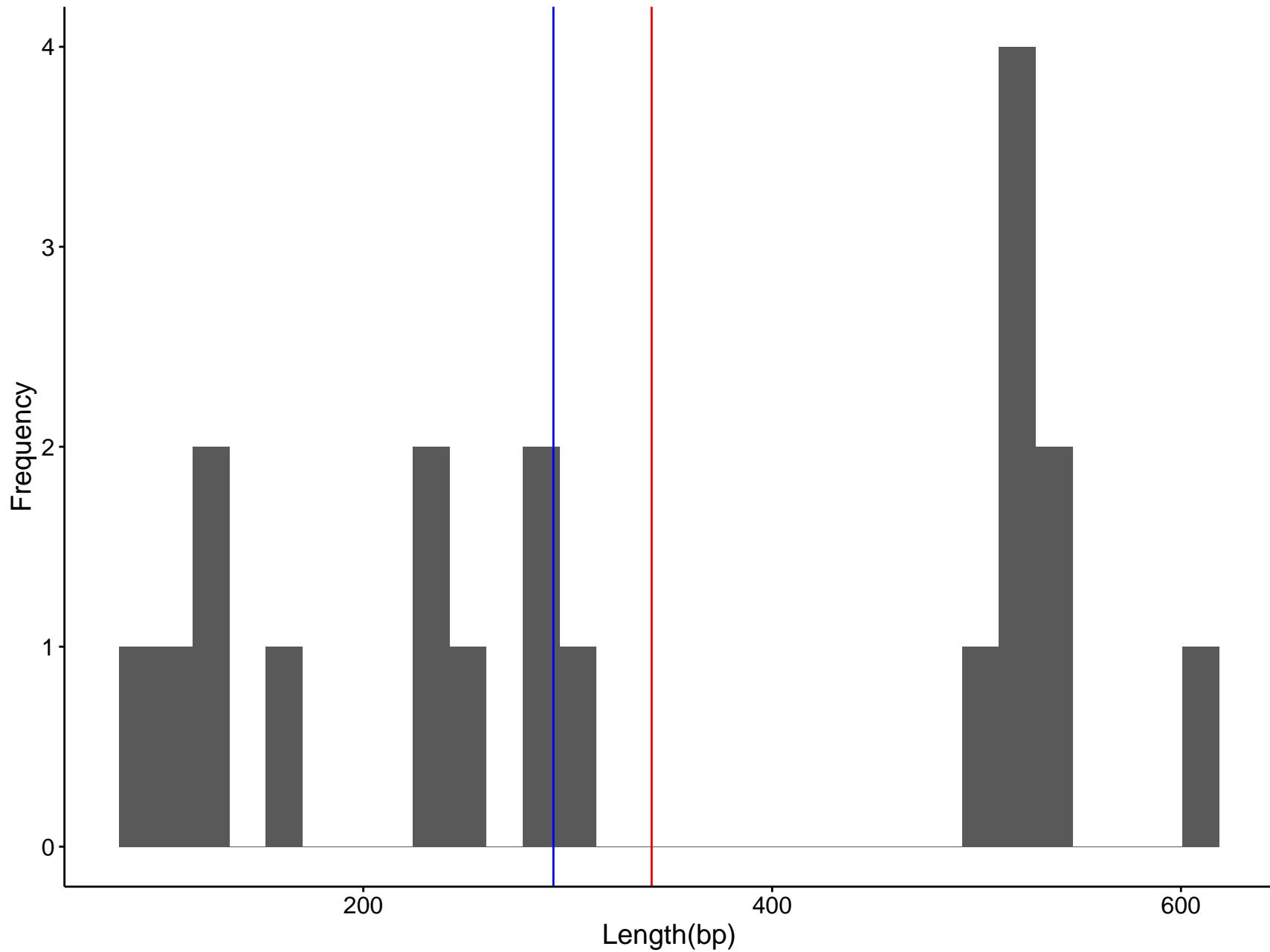
Cluster1512



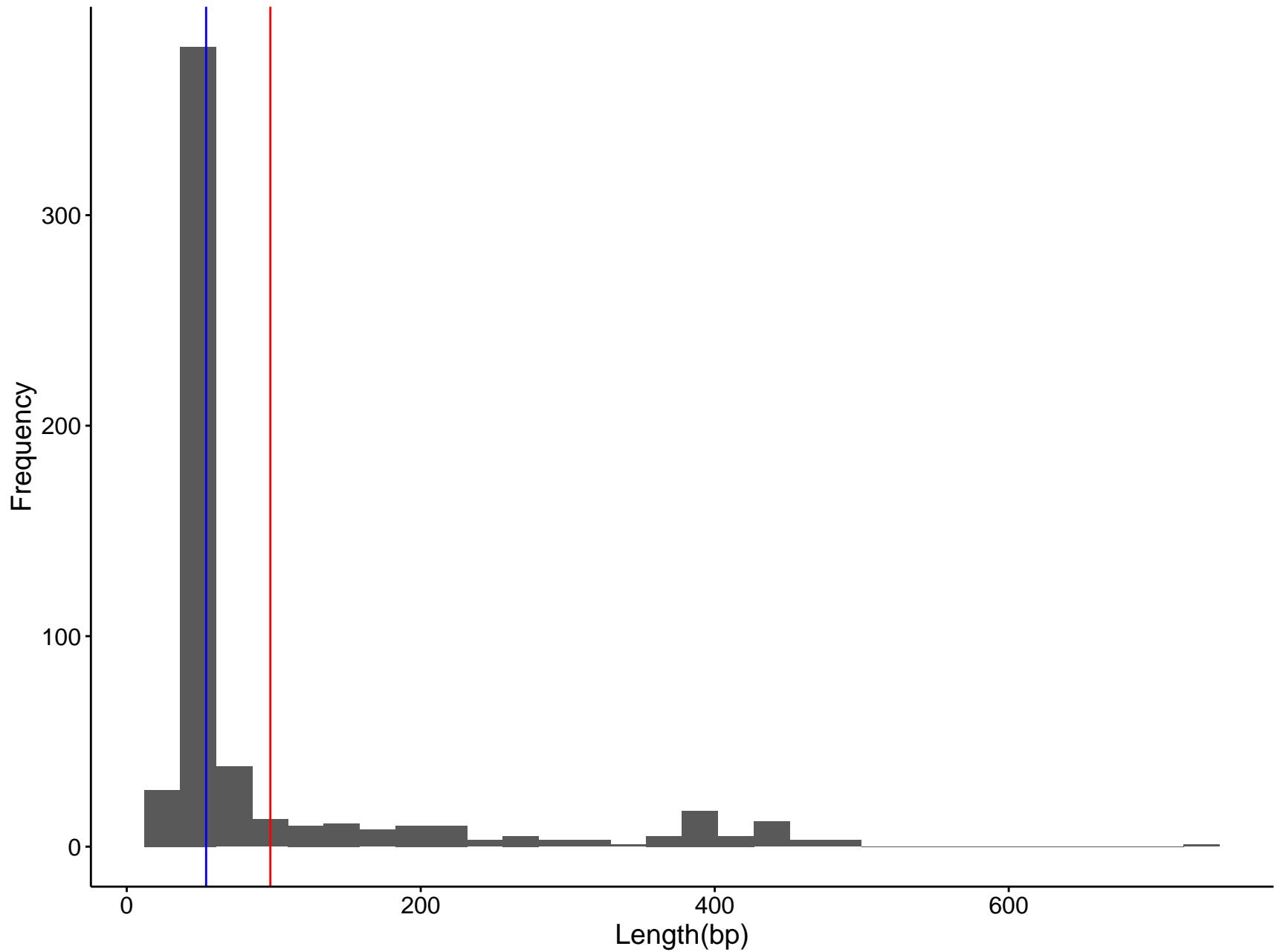
Cluster1513



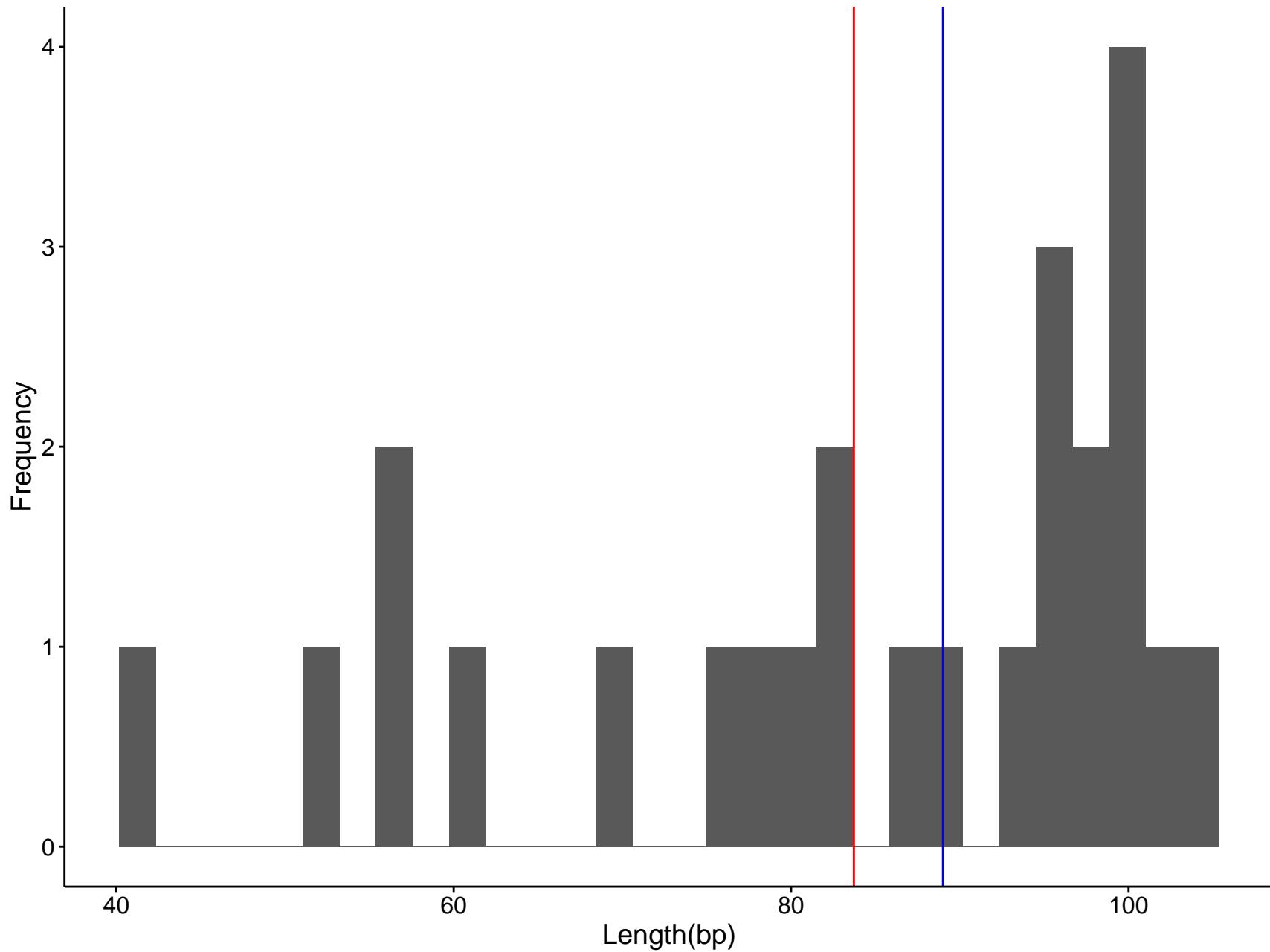
Cluster1514



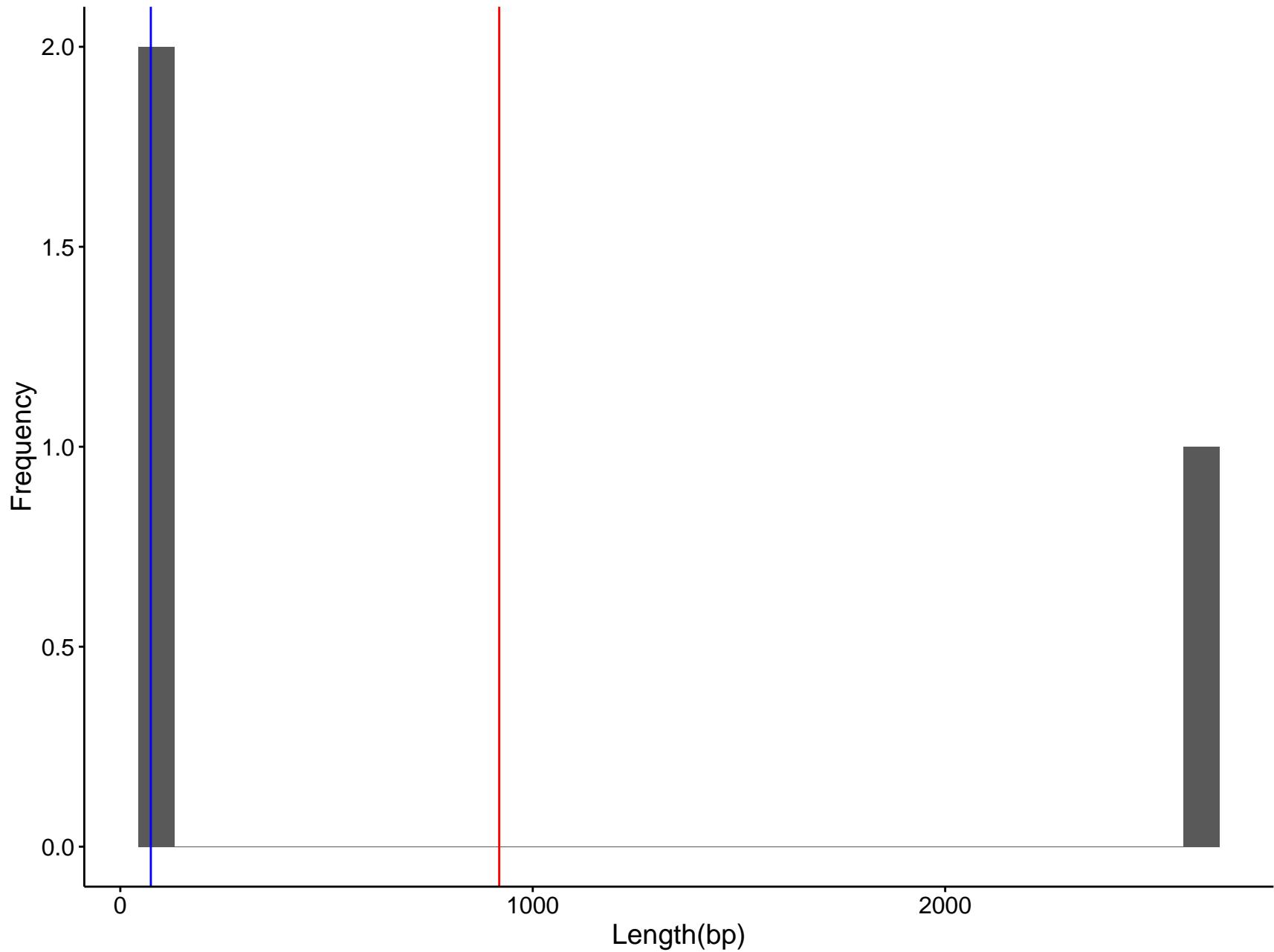
Cluster1515



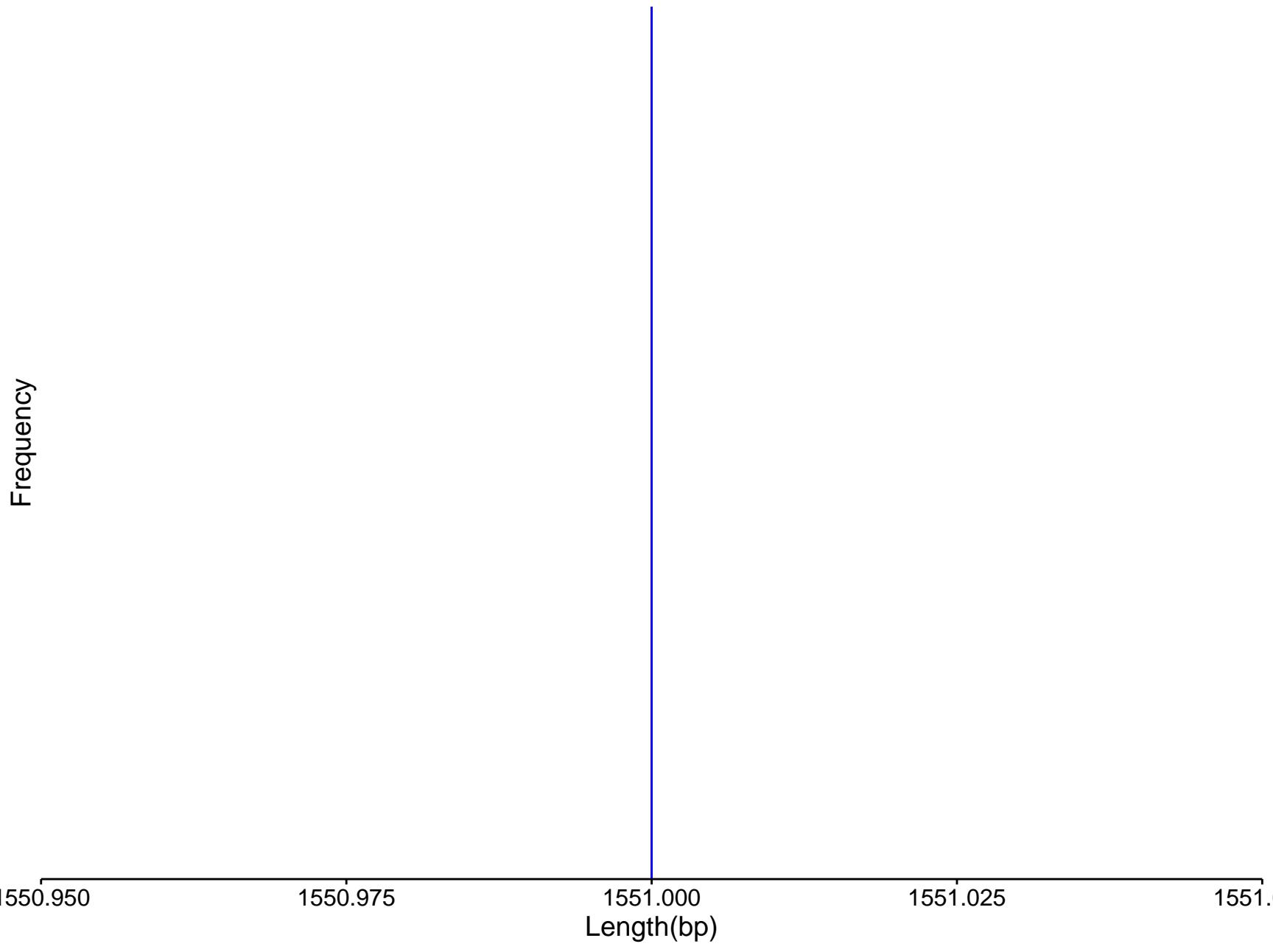
Cluster1516



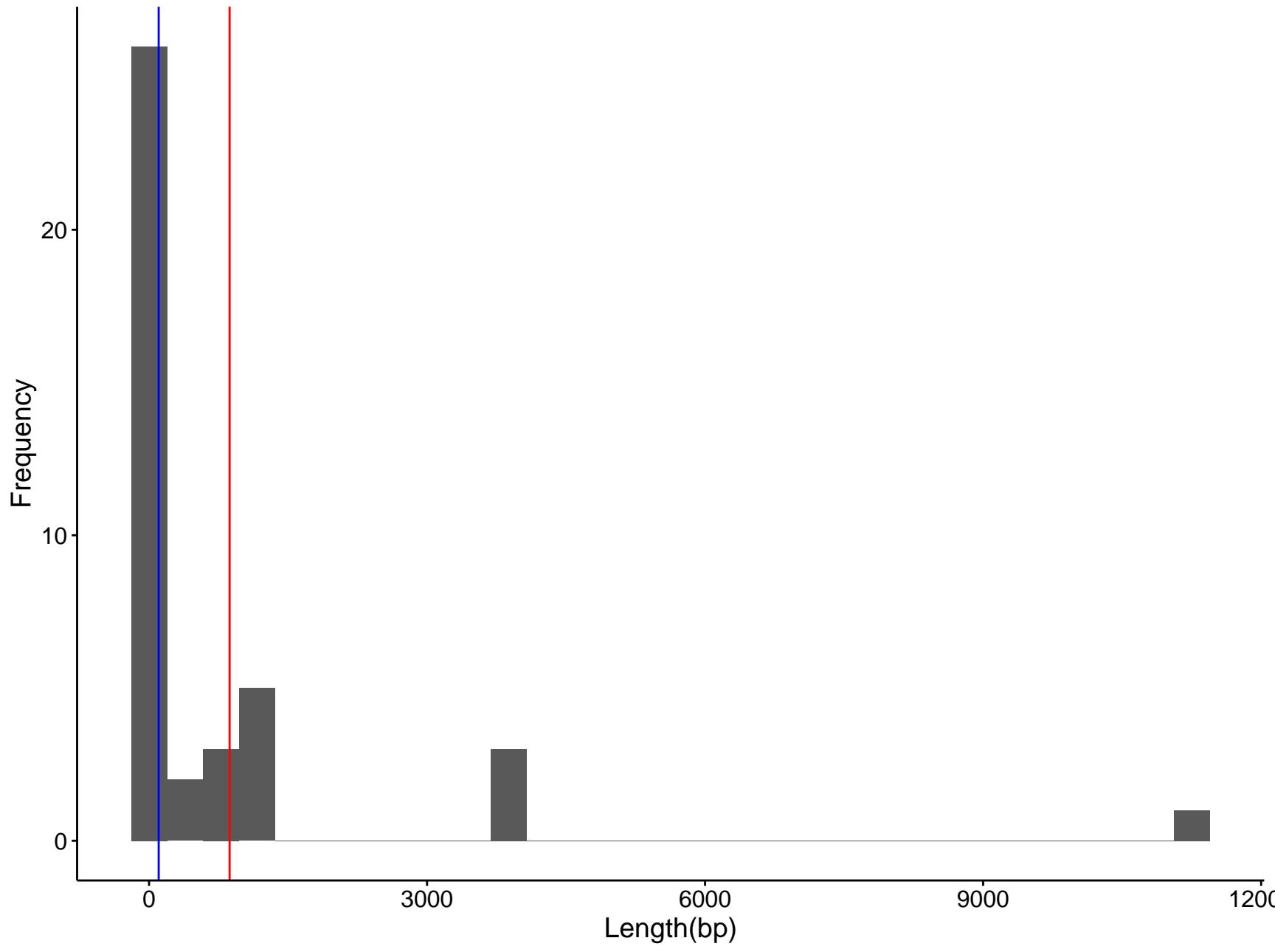
Cluster1517



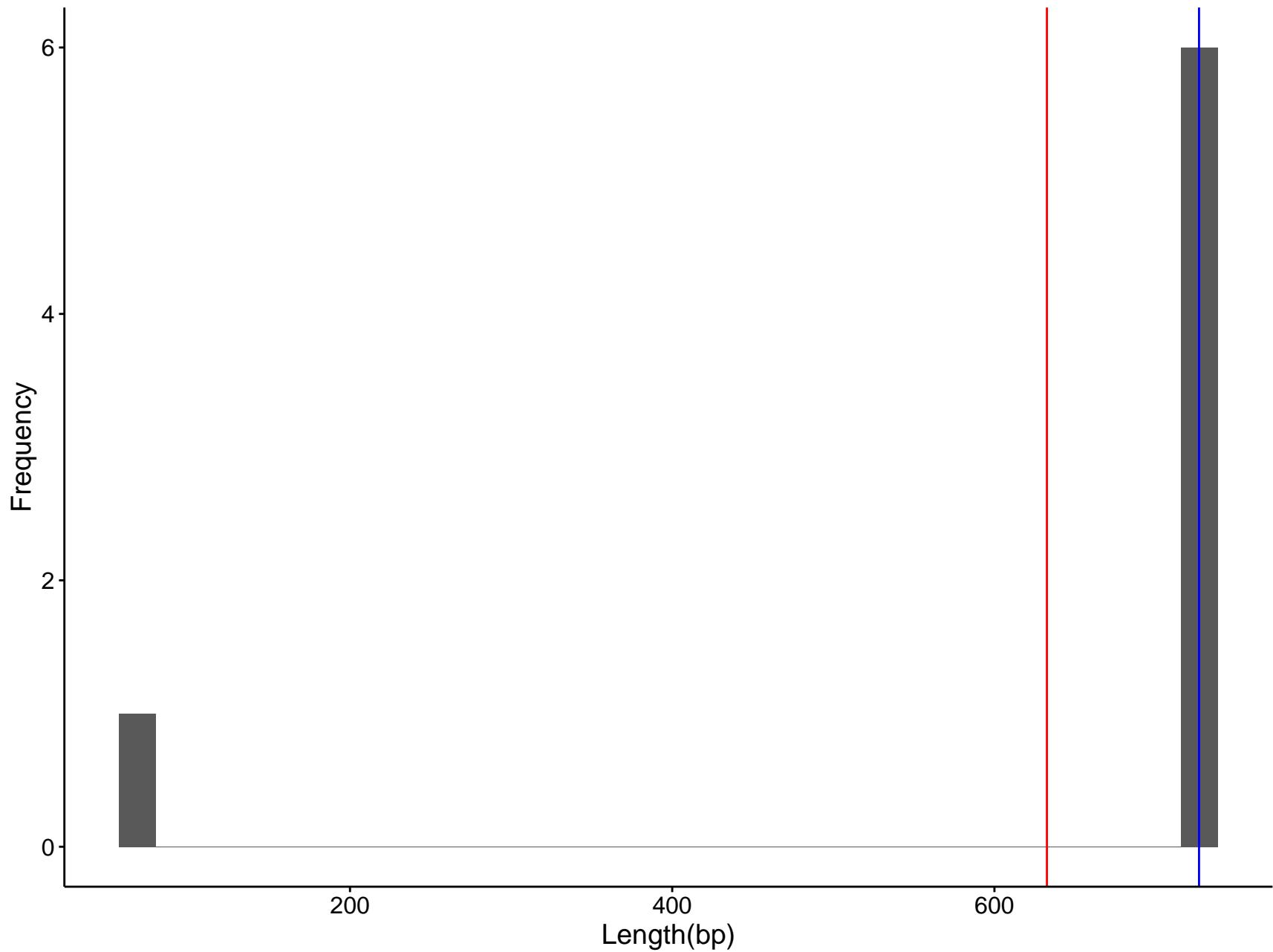
Cluster1518



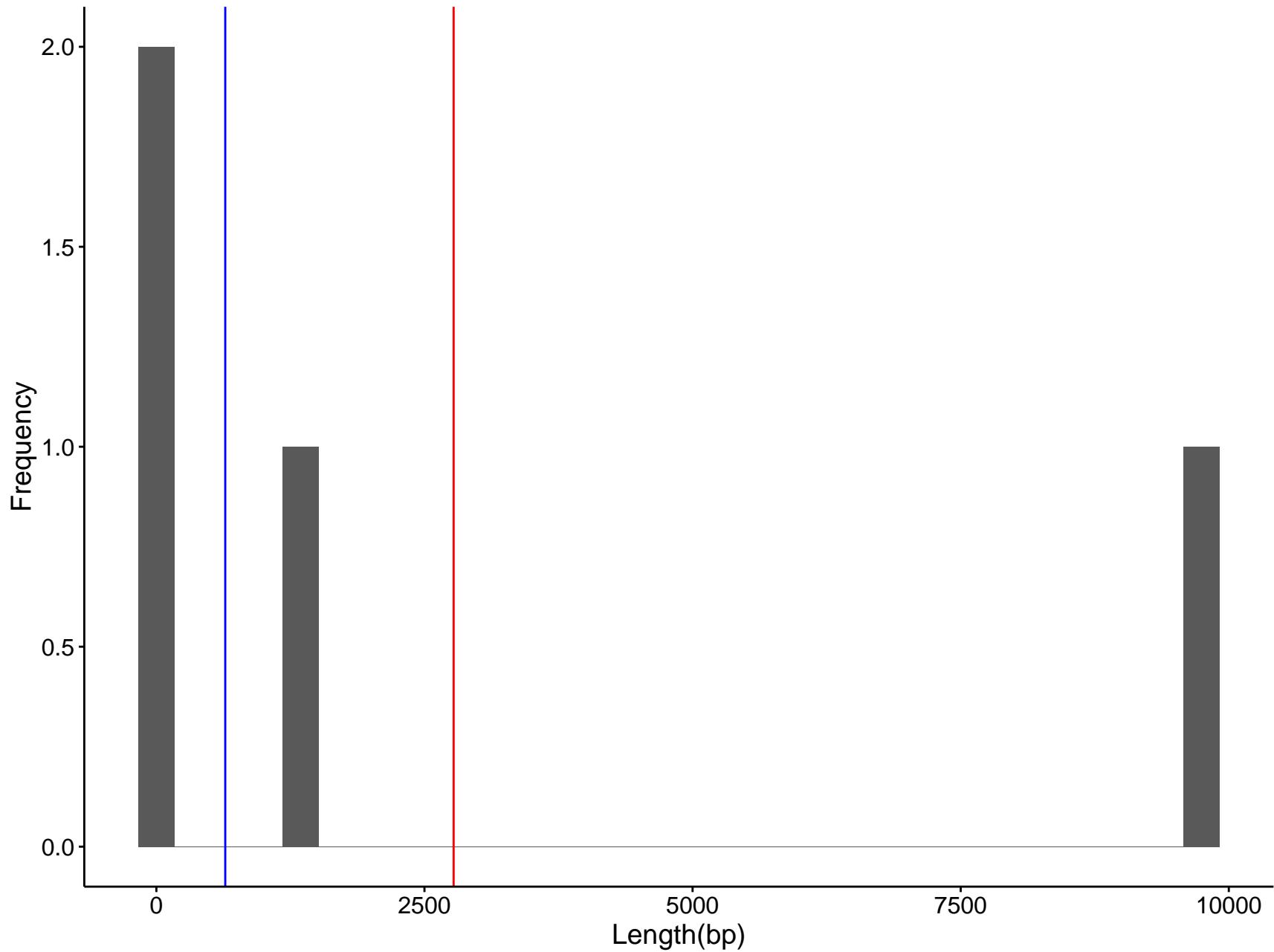
Cluster1519



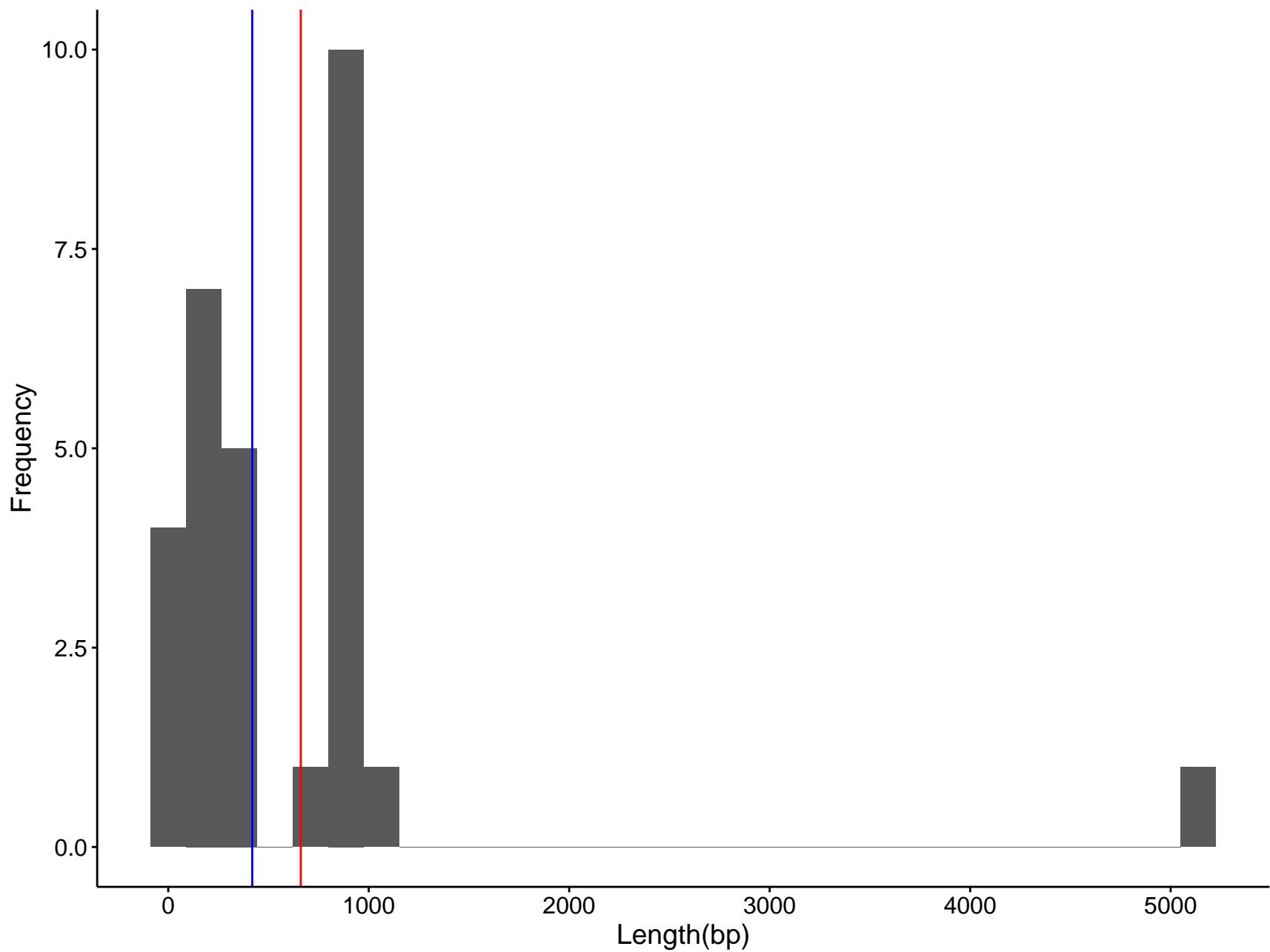
Cluster151



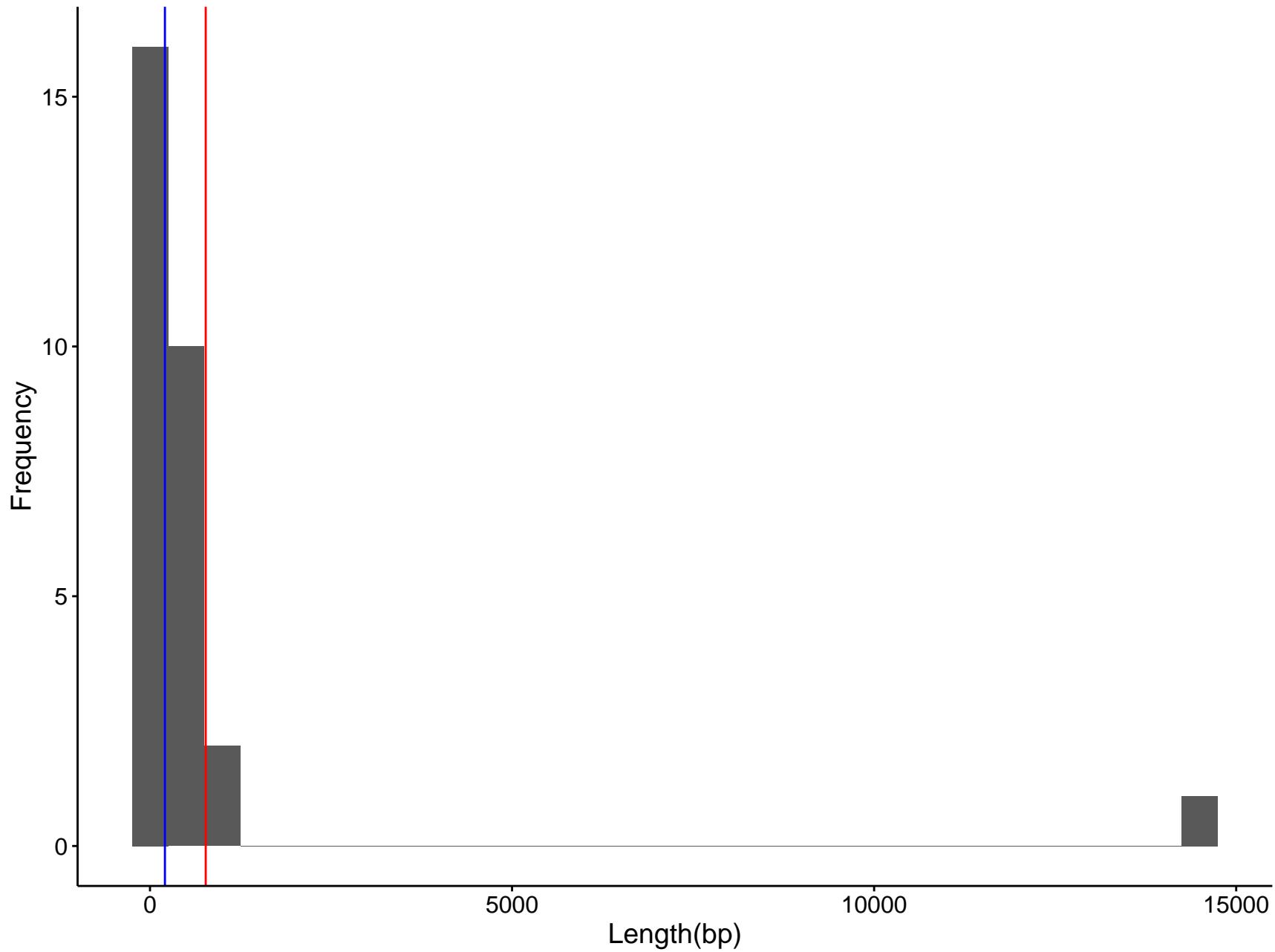
Cluster1520



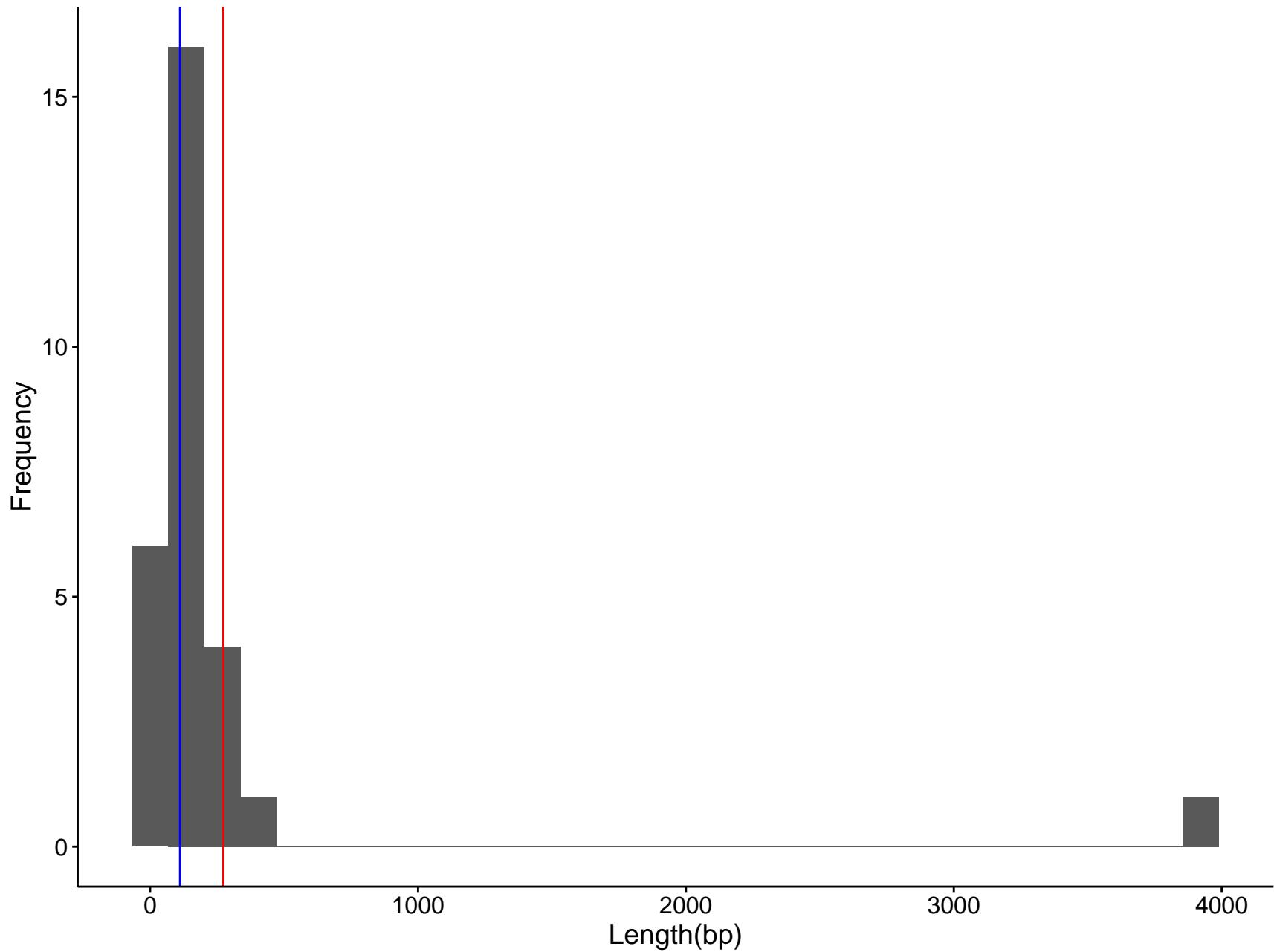
Cluster1521



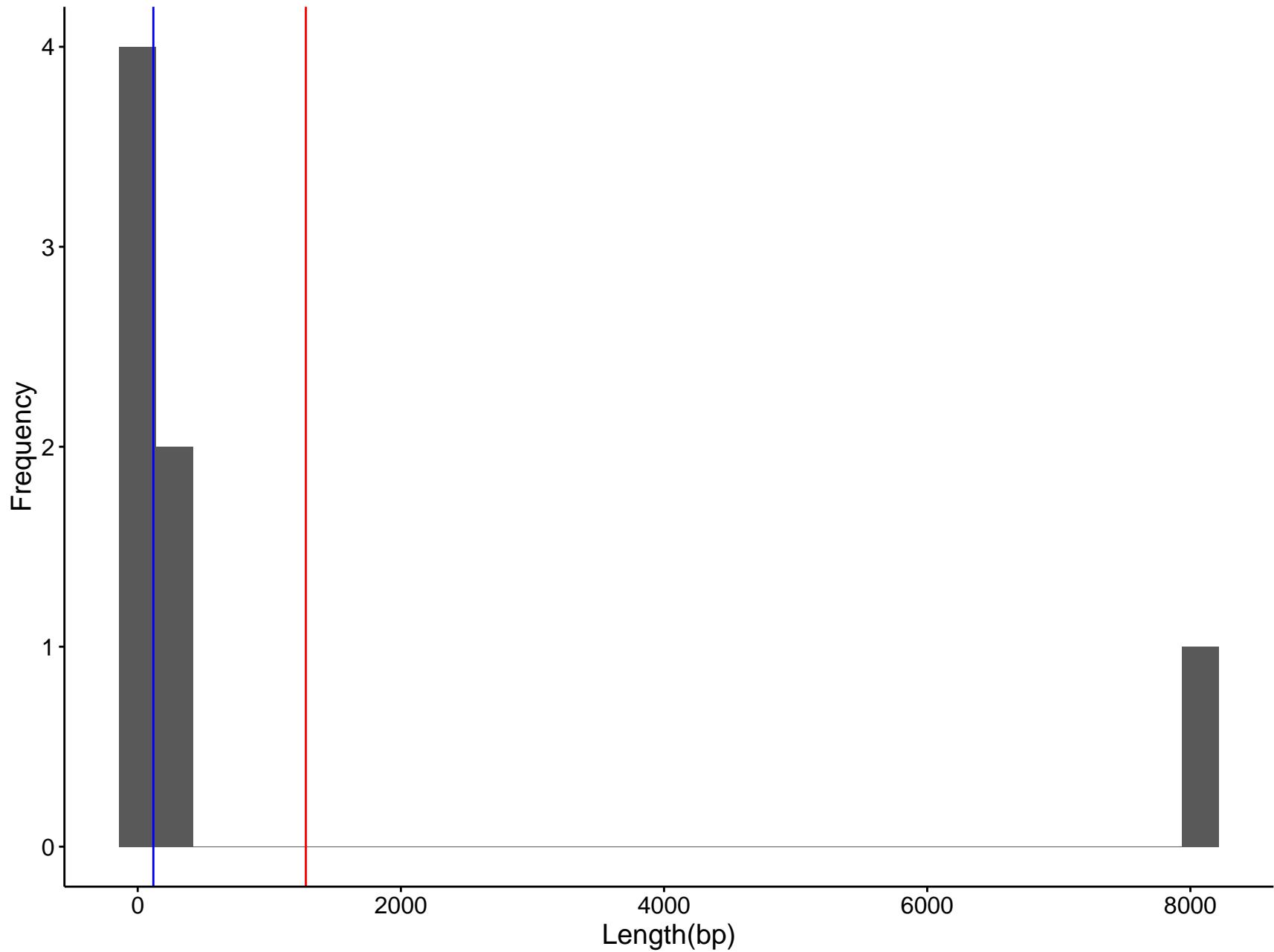
Cluster1522



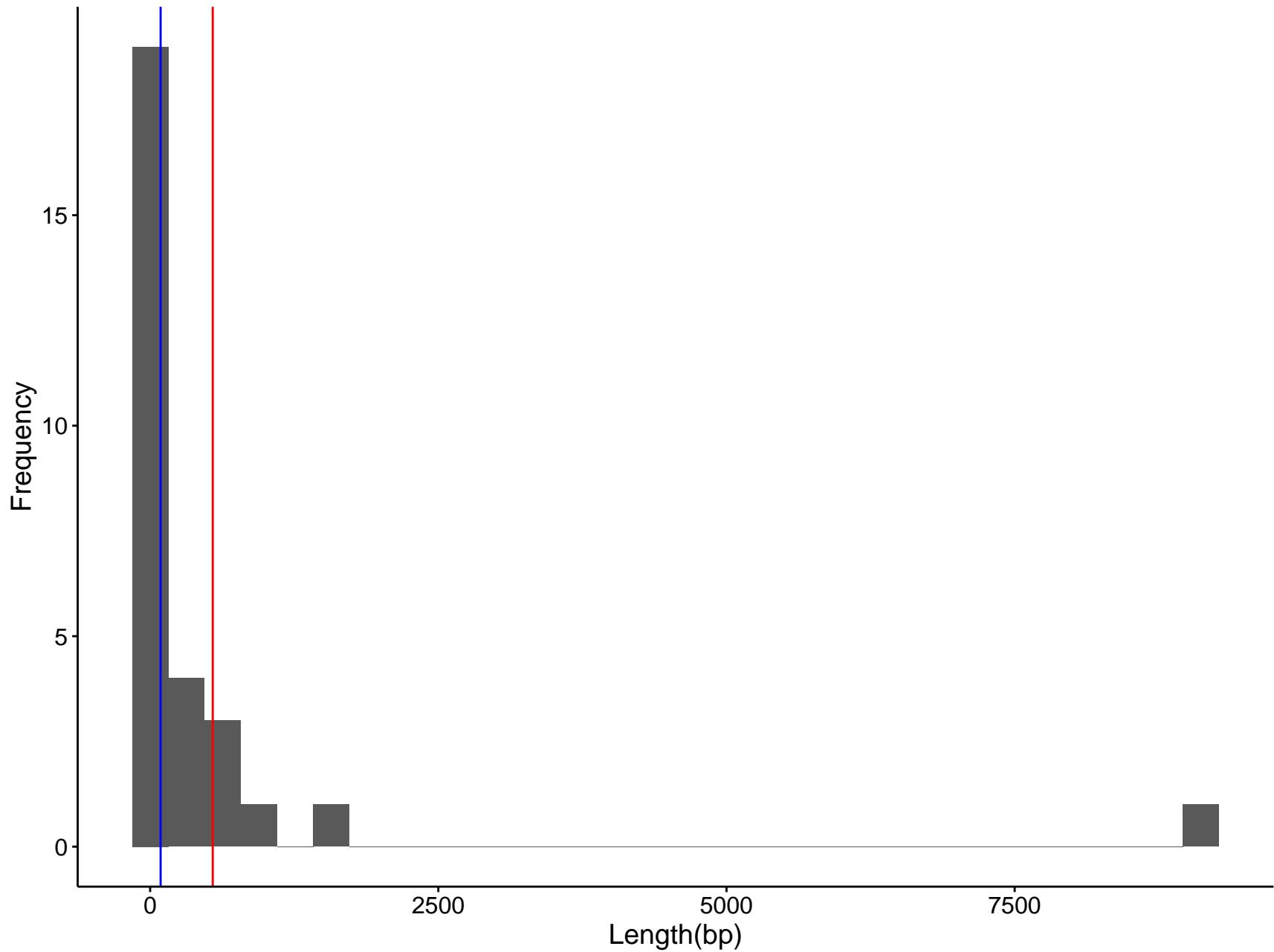
Cluster1524



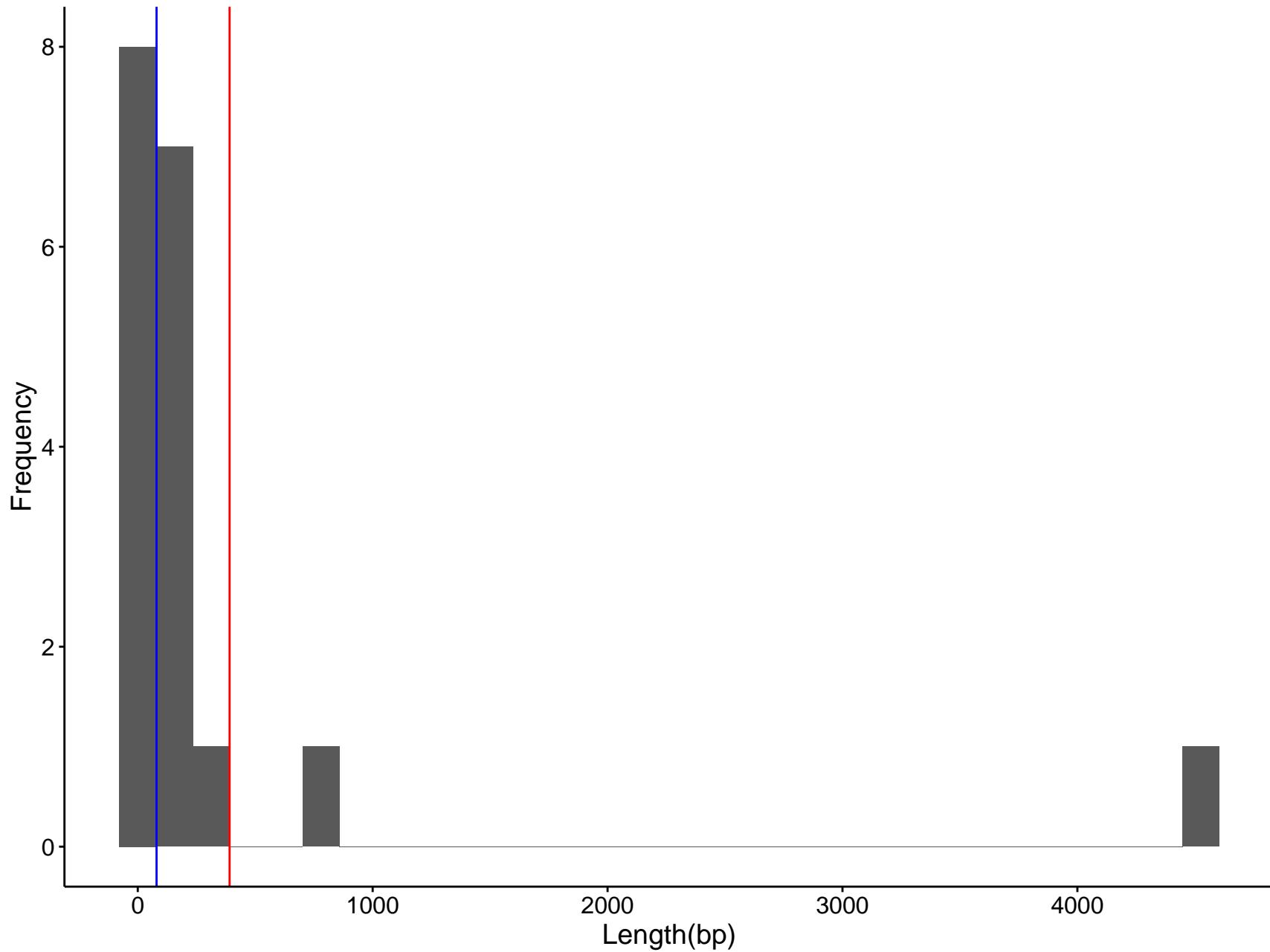
Cluster1525



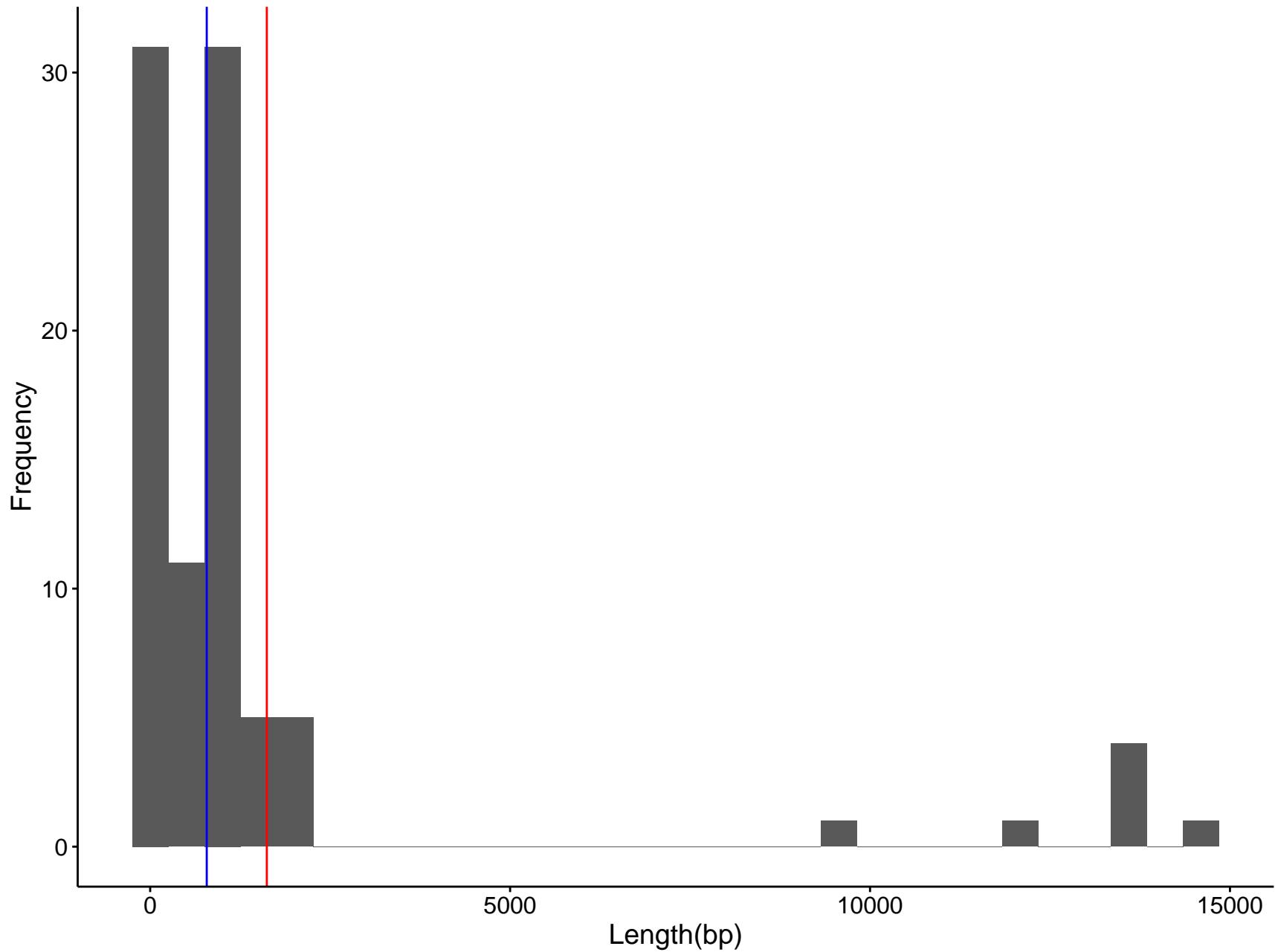
Cluster1526



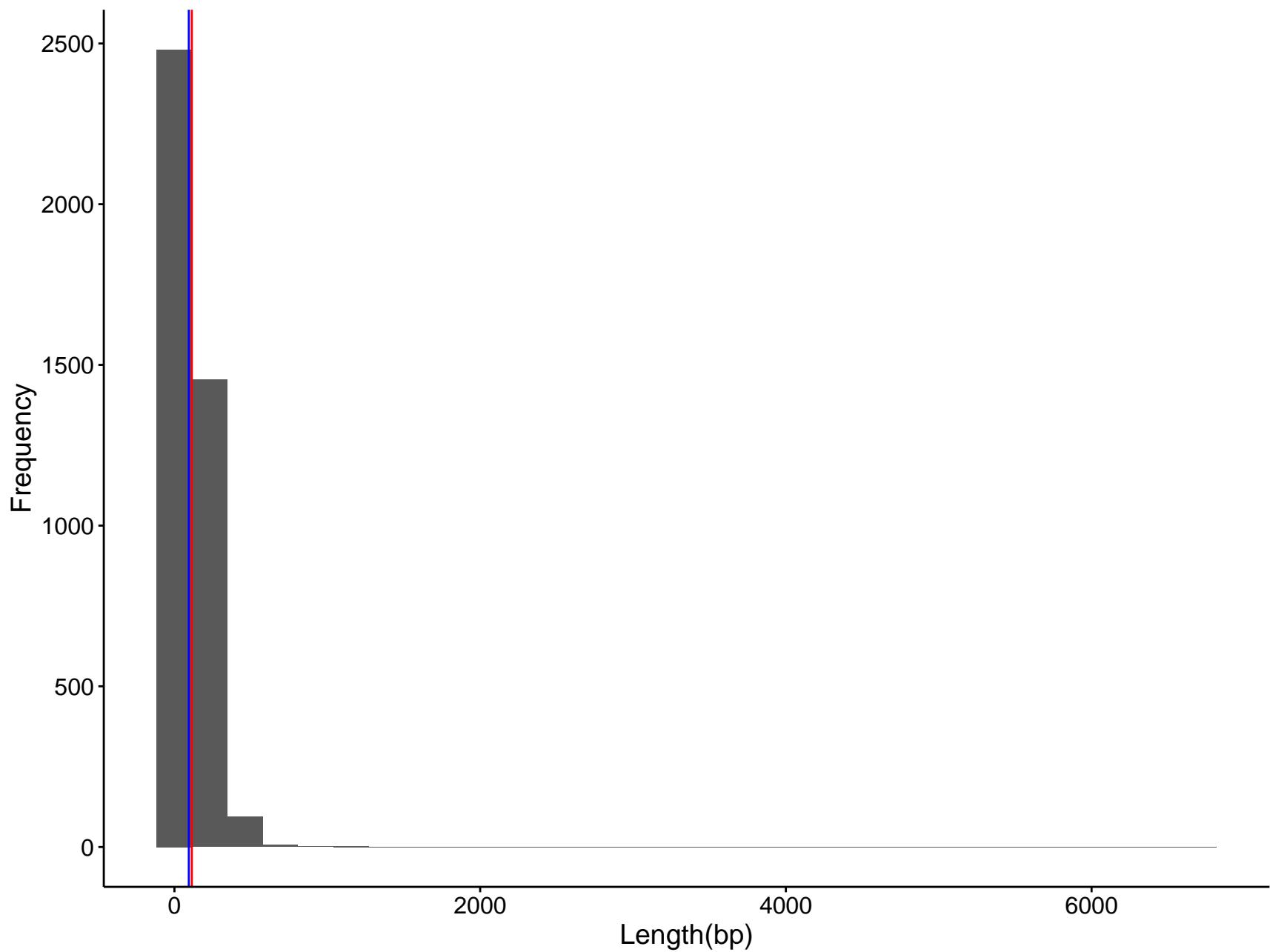
Cluster1527

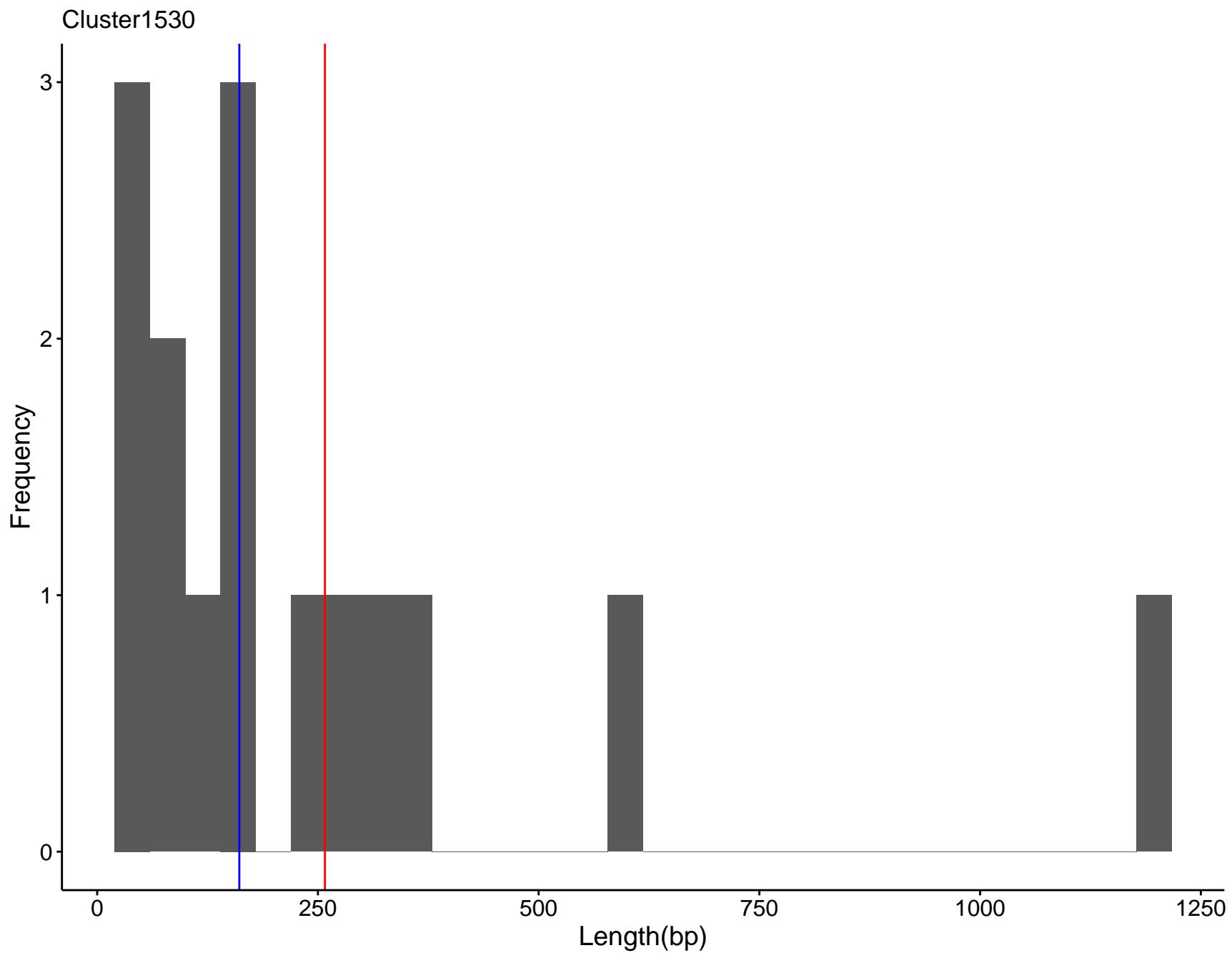


Cluster1528

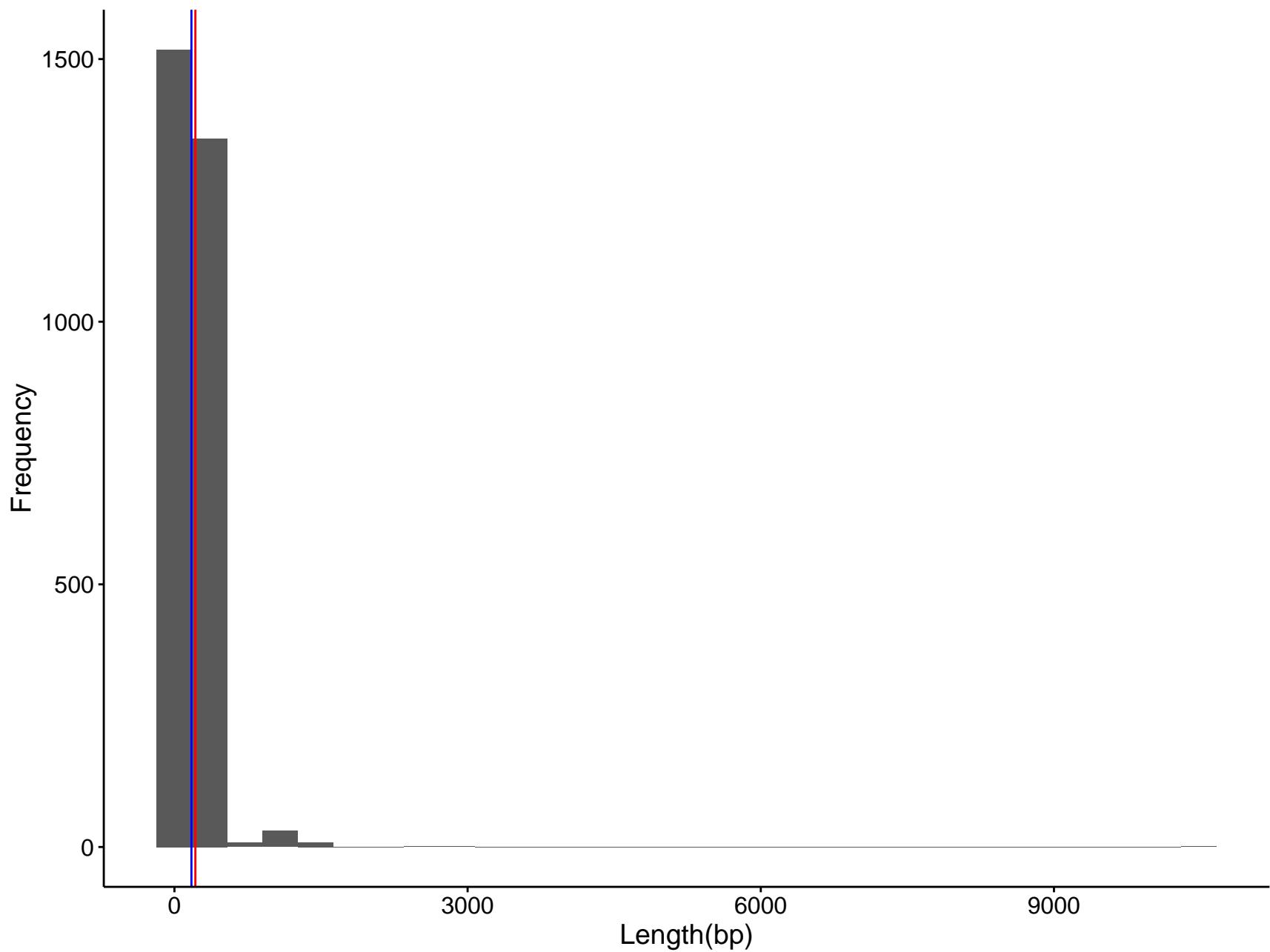


Cluster1529





Cluster1531



Cluster1532

Frequency

451.950

451.975

452.000

452.025

Length(bp)



Cluster1533

Frequency

399.950

399.975

400.000

400.025

Length(bp)



Cluster1534

Frequency

402.950

402.975

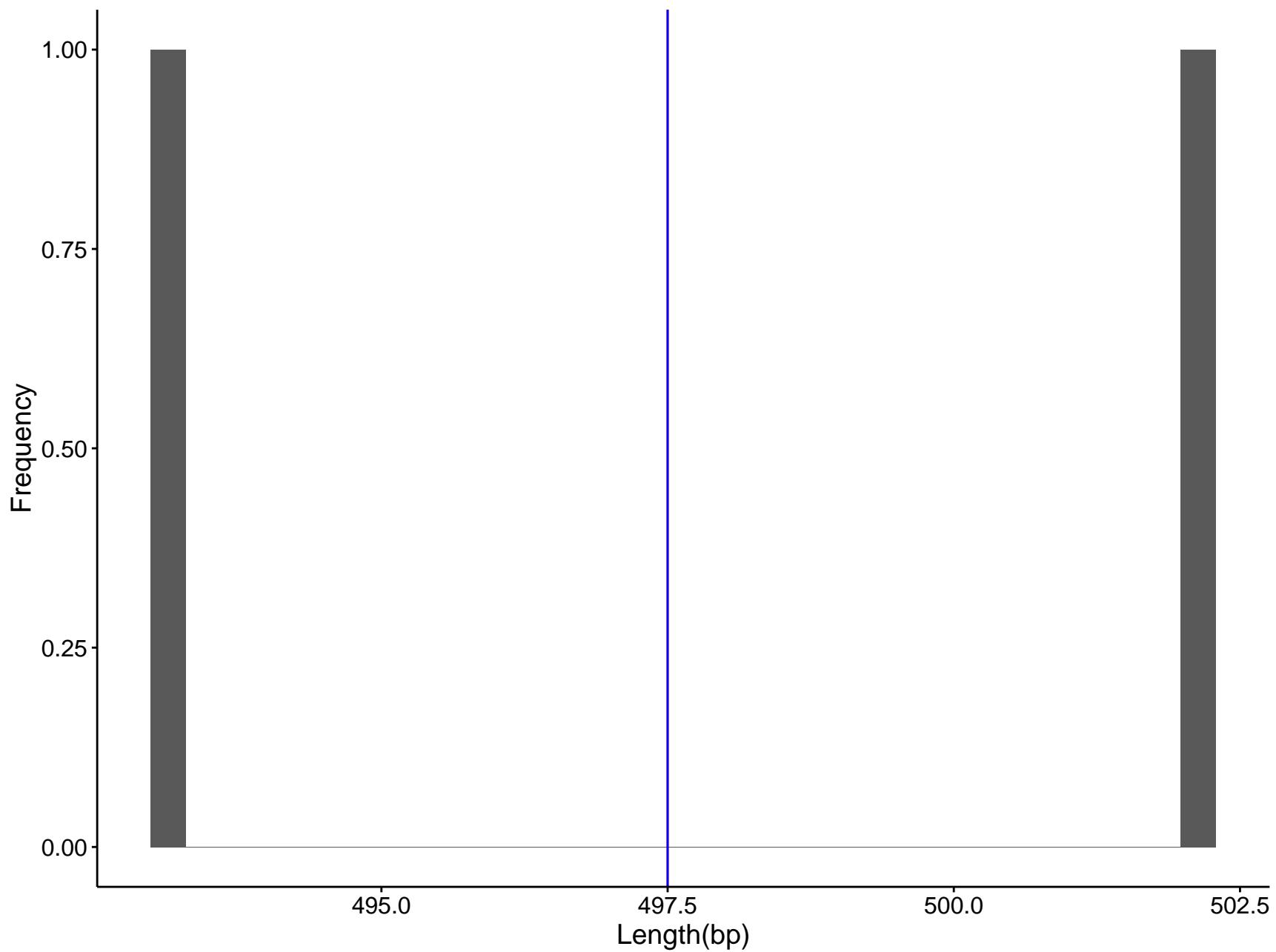
403.000

403.025

Length(bp)



Cluster1535



Cluster1536

Frequency

130.950

130.975

131.000

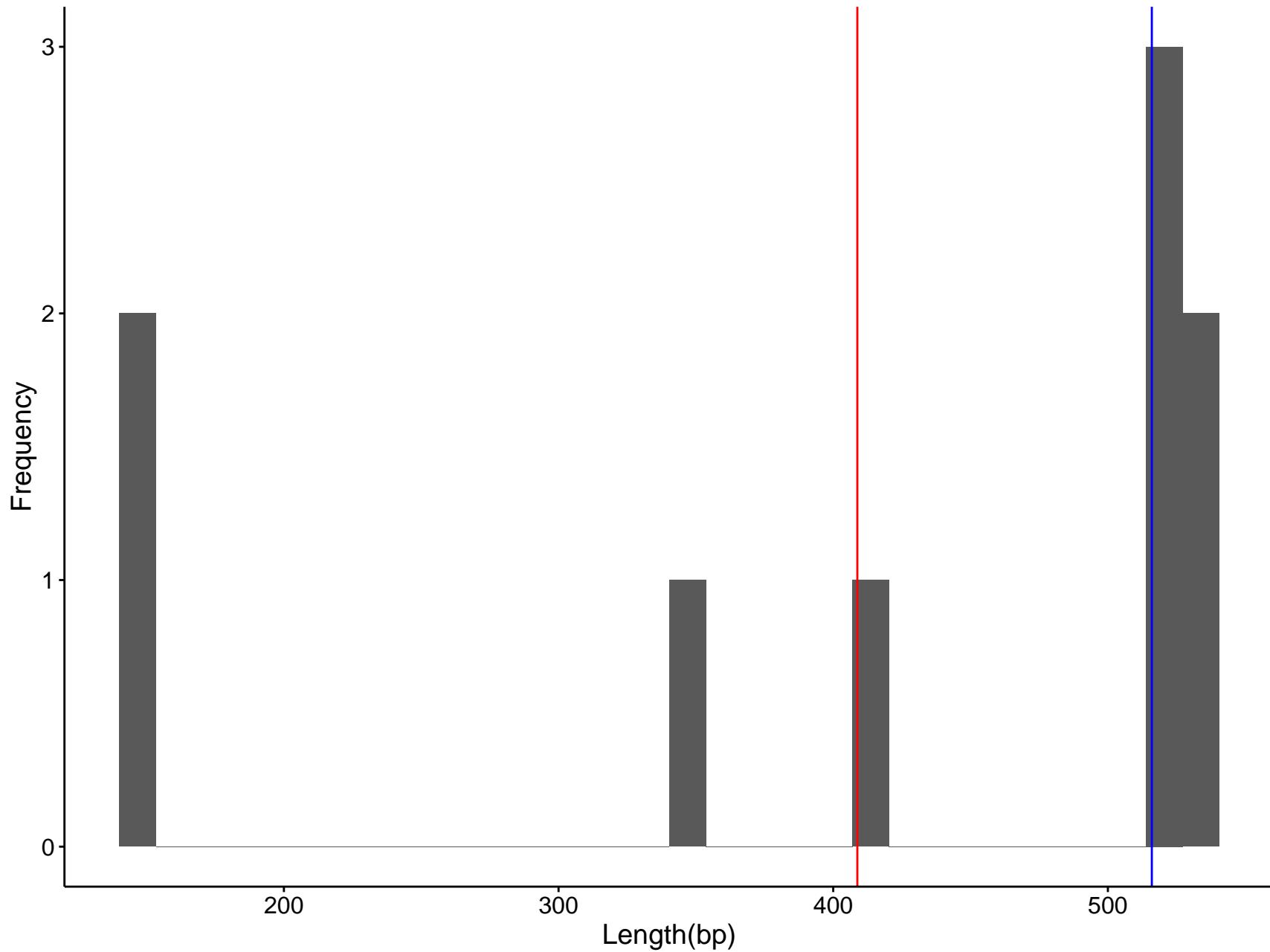
131.025

131.0

Length(bp)



Cluster1537



Cluster1538

Frequency

418.950

418.975

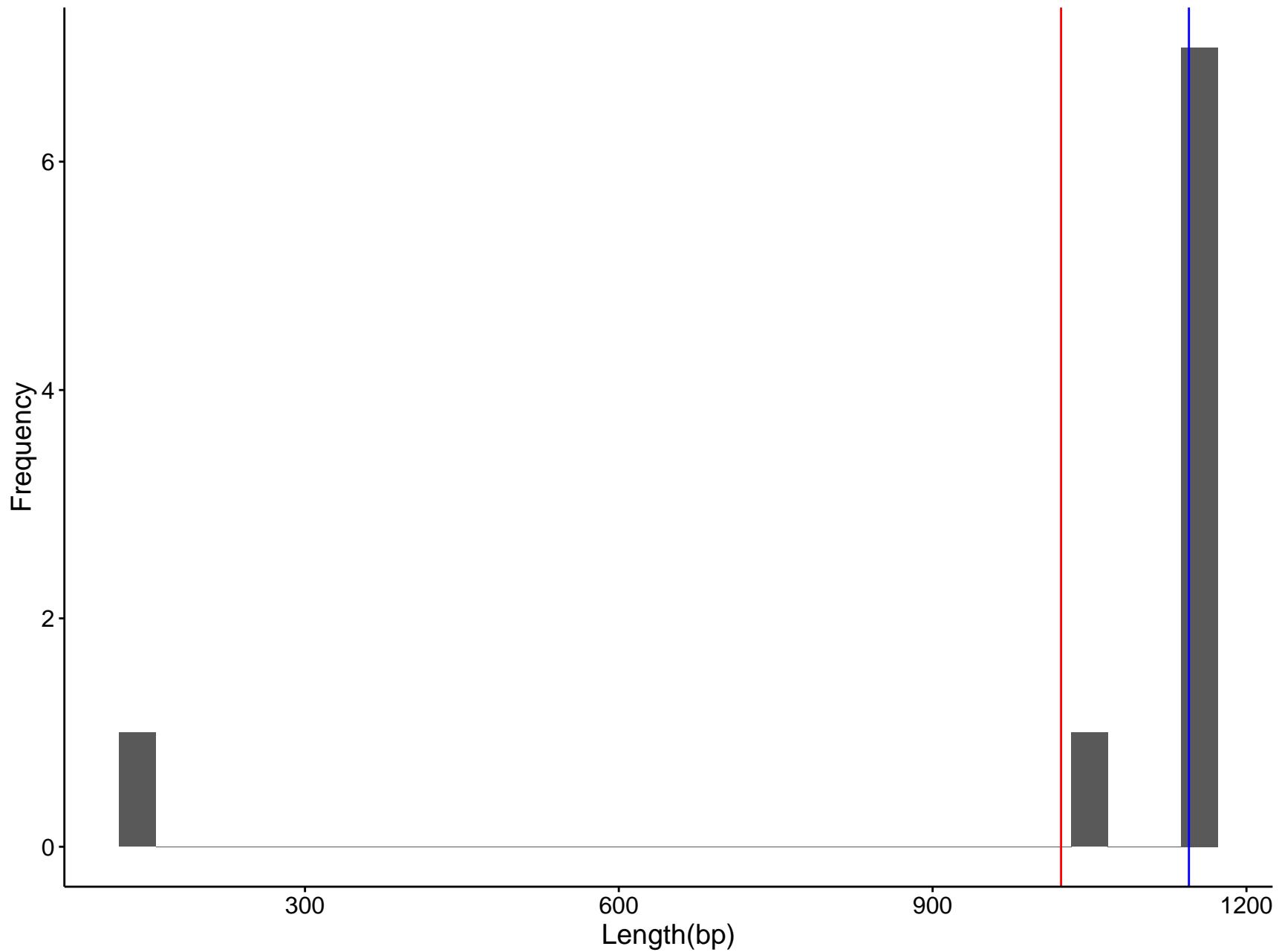
419.000

419.025

Length(bp)



Cluster1539



Cluster153

Frequency

672.950

672.975

673.000

673.025

Length(bp)



Cluster1540

Frequency

354.950

354.975

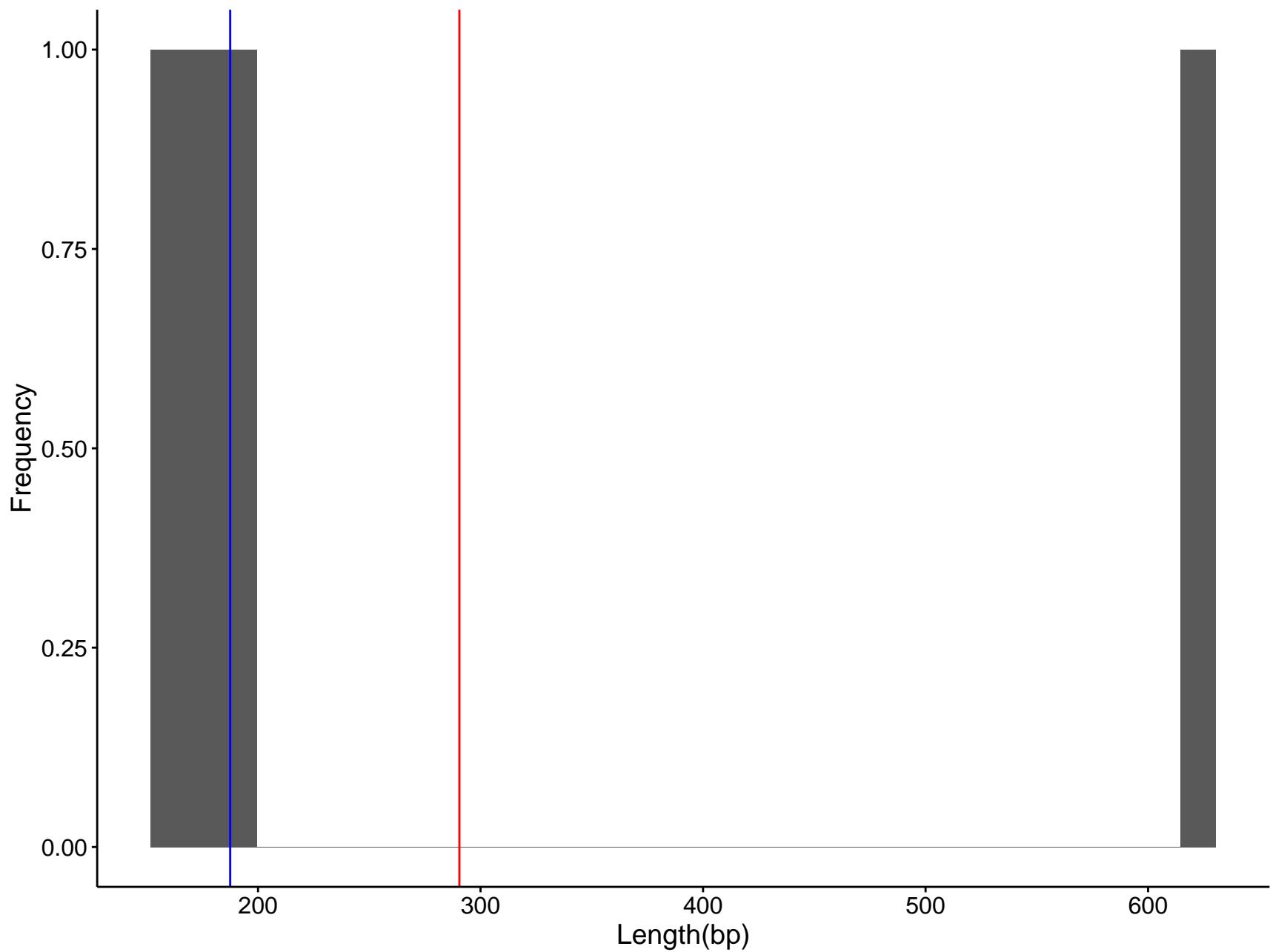
355.000

355.025

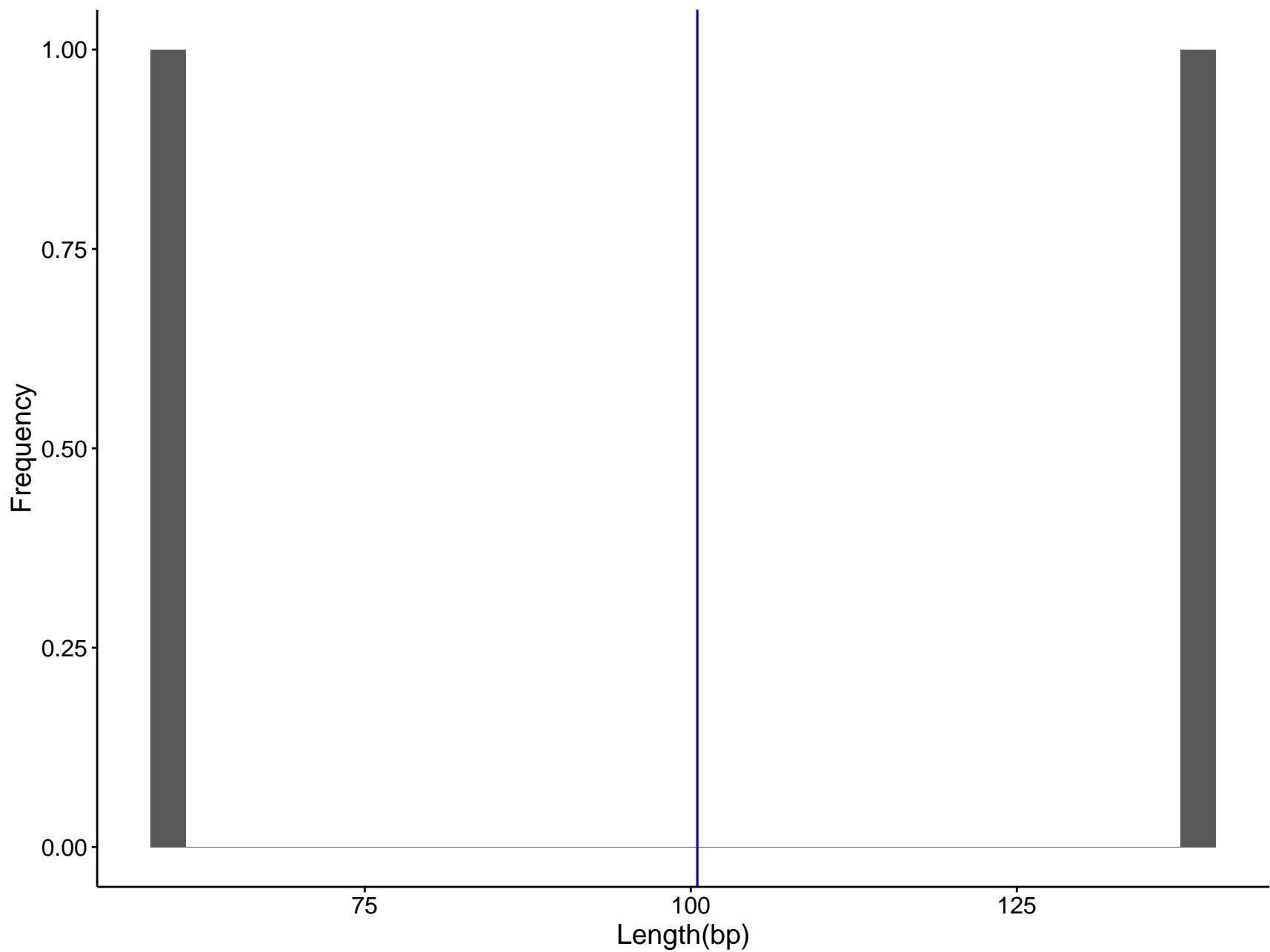
Length(bp)



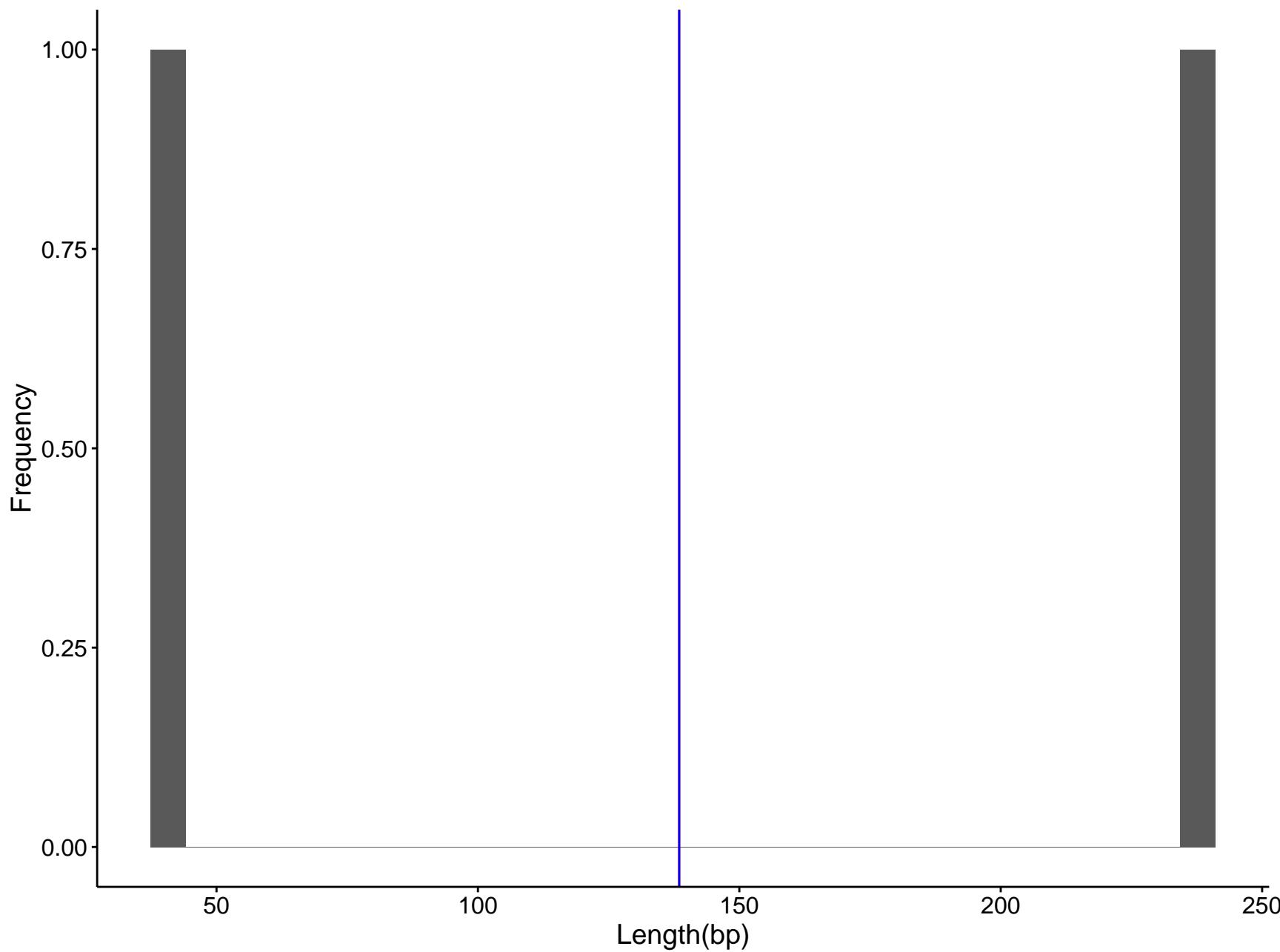
Cluster1541



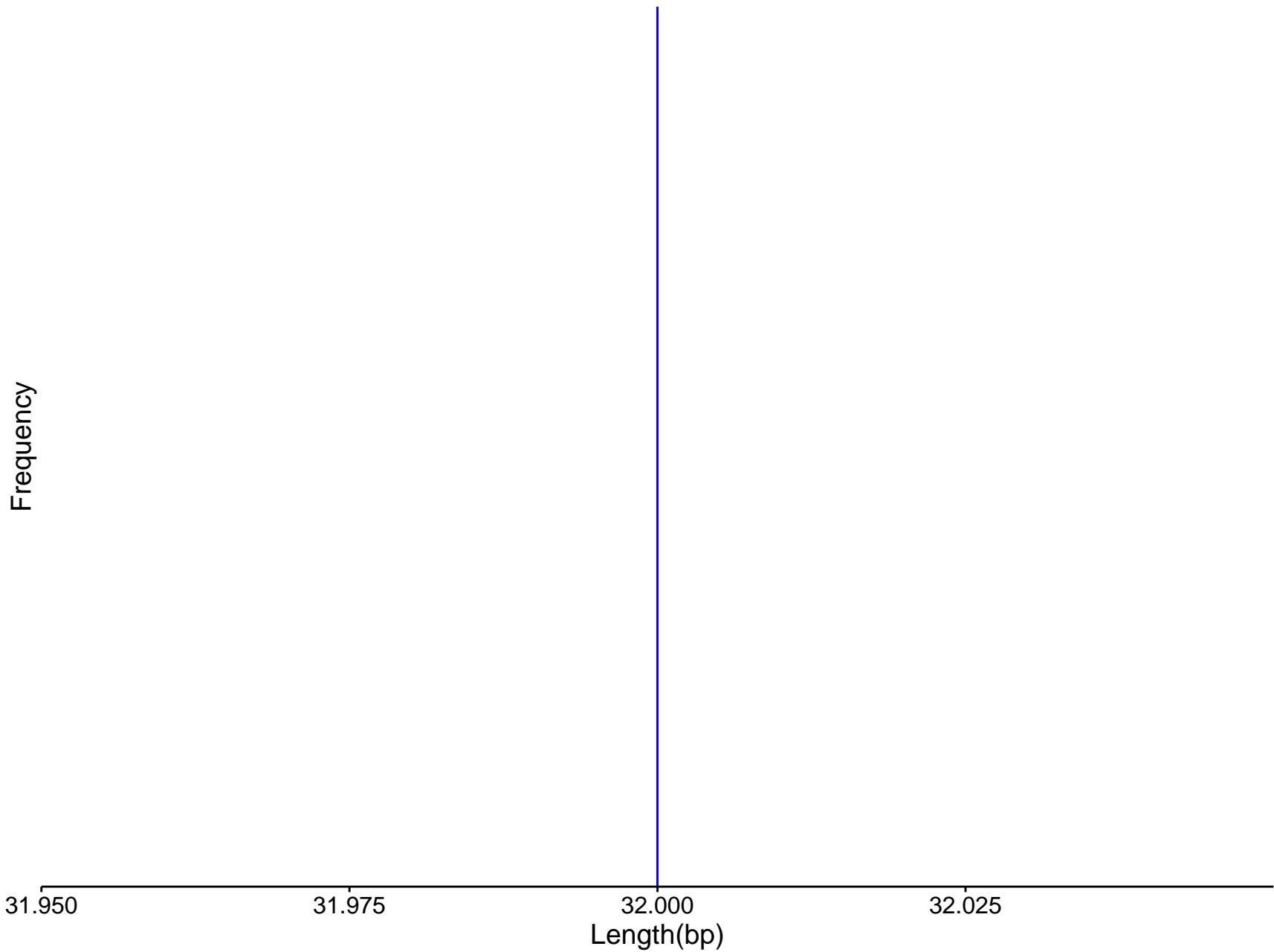
Cluster1544



Cluster1546



Cluster1548



Cluster1549

Frequency

249.950

249.975

250.000

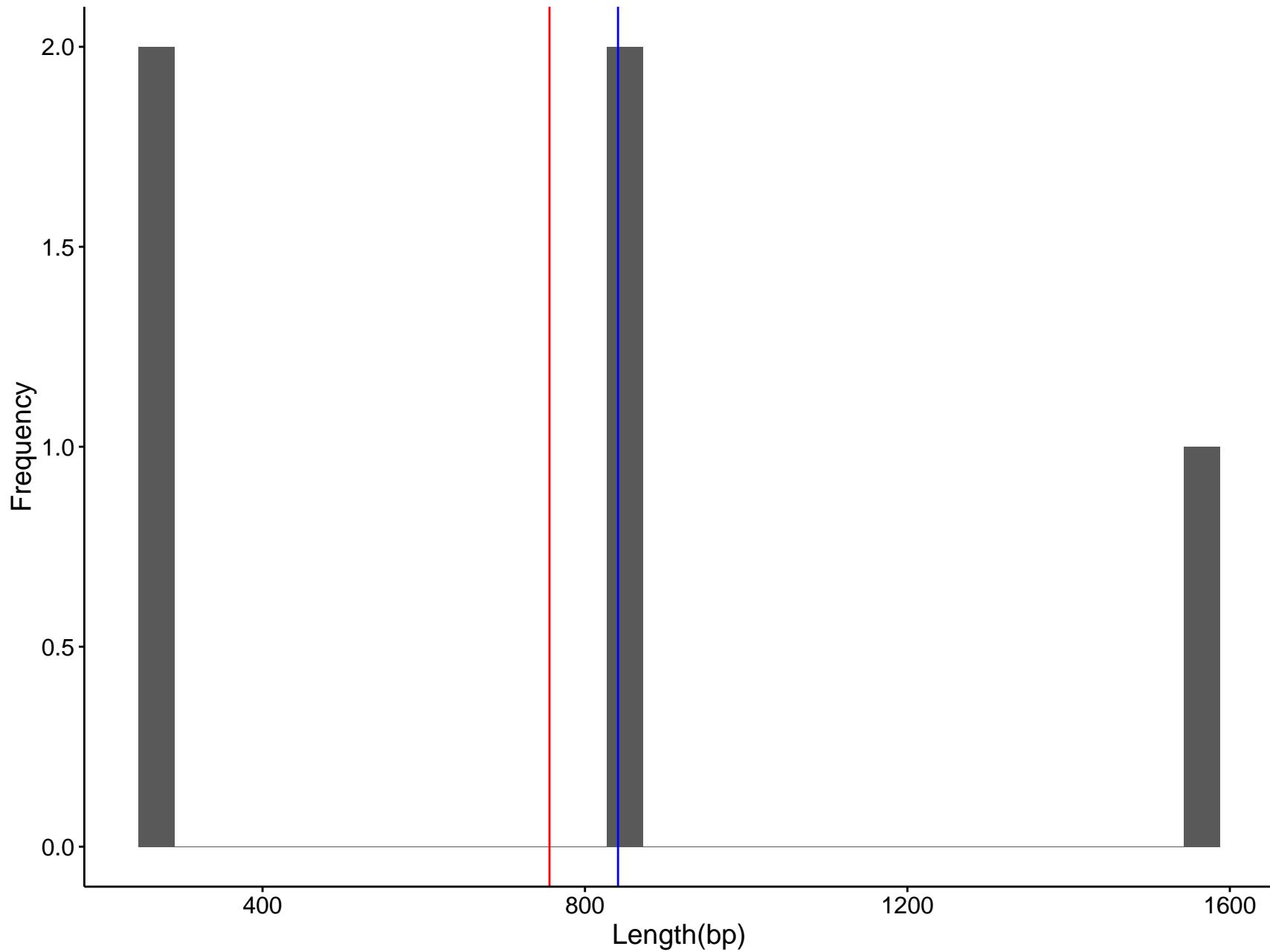
250.025

250.0

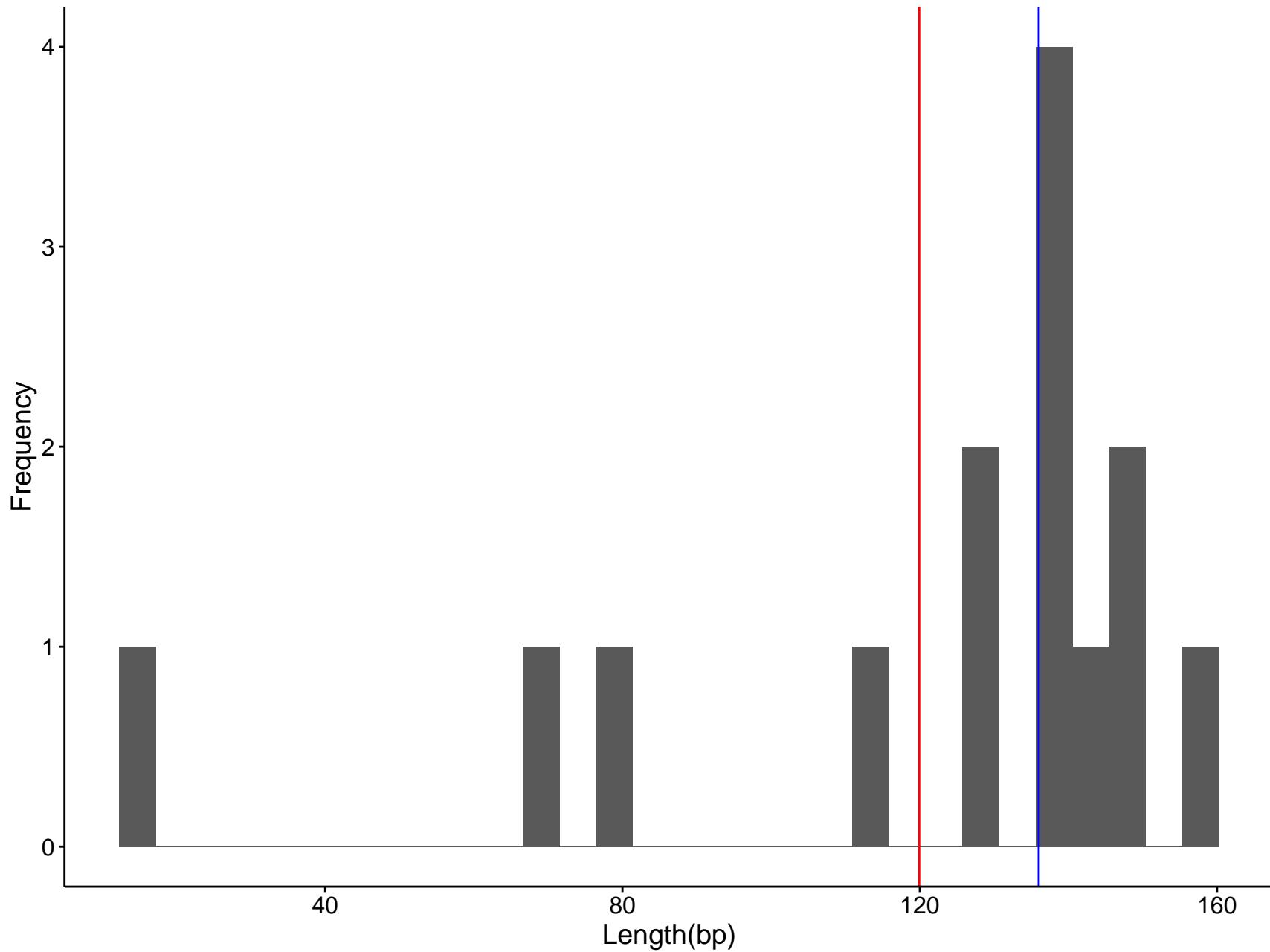
Length(bp)



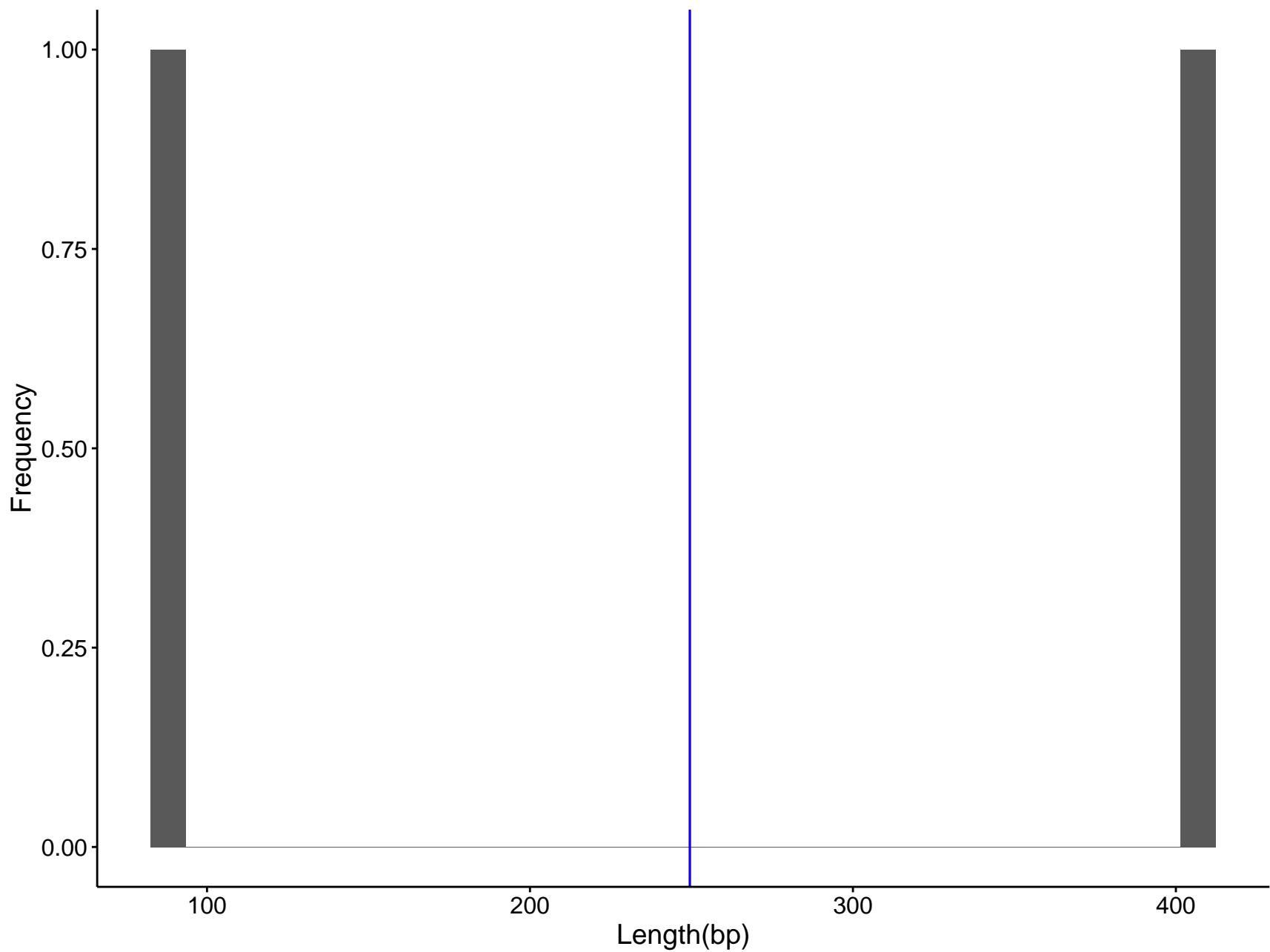
Cluster154



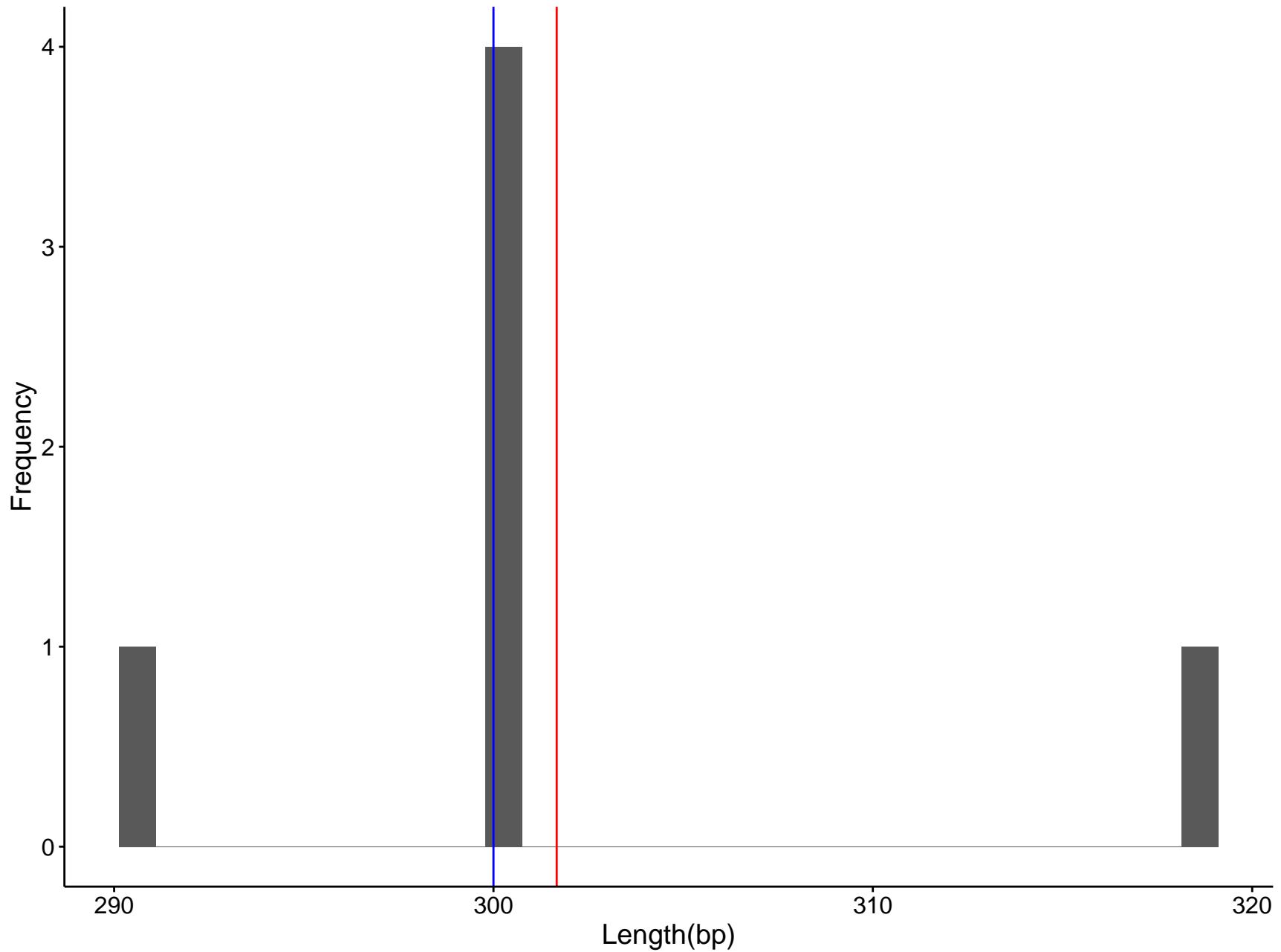
Cluster1550



Cluster1553



Cluster1556



Cluster1559

Frequency

45.950

45.975

46.000

46.025

Length(bp)



Cluster1563

Frequency

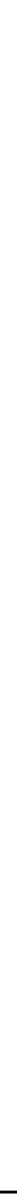
59.950

59.975

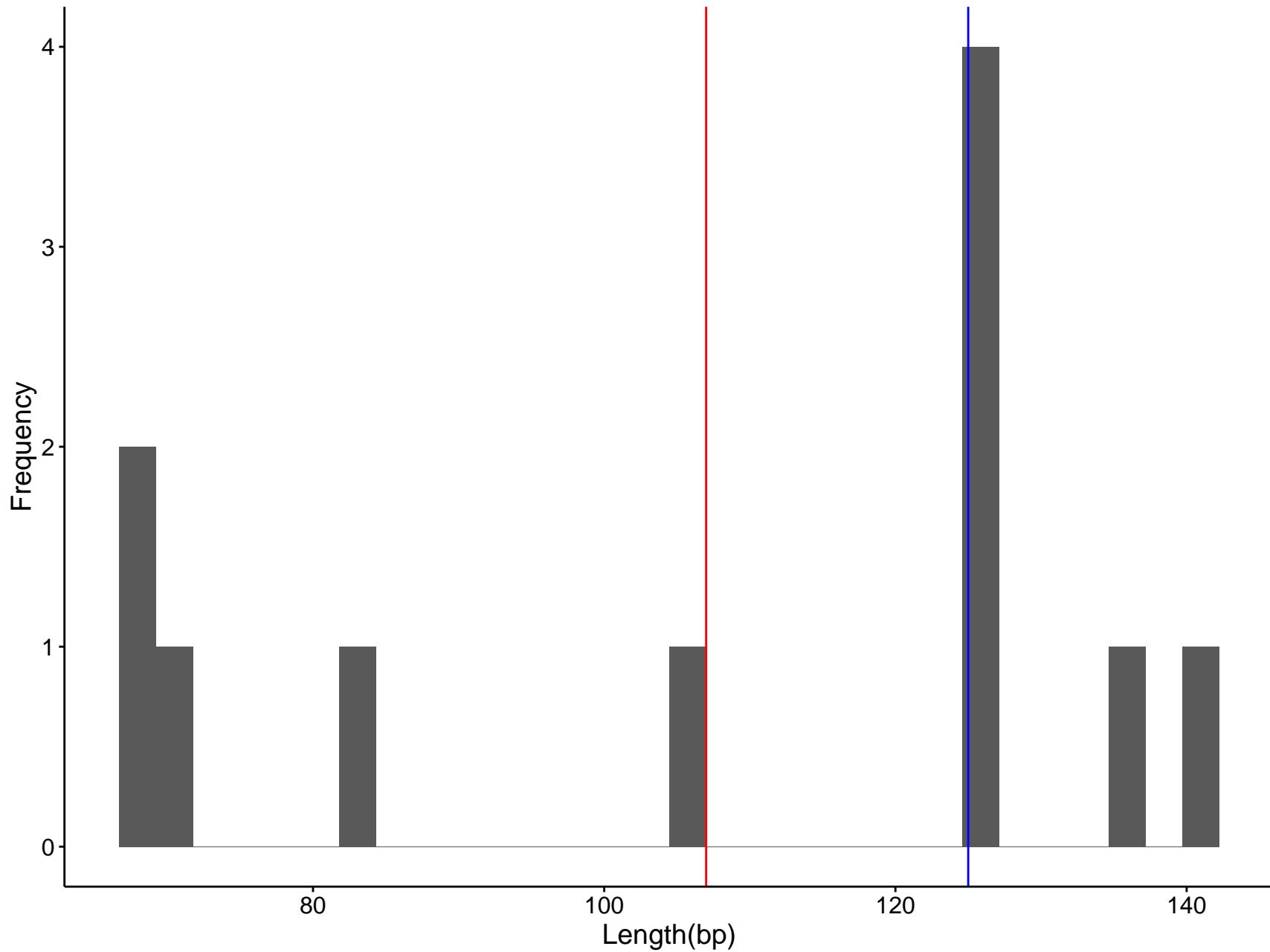
60.000

60.025

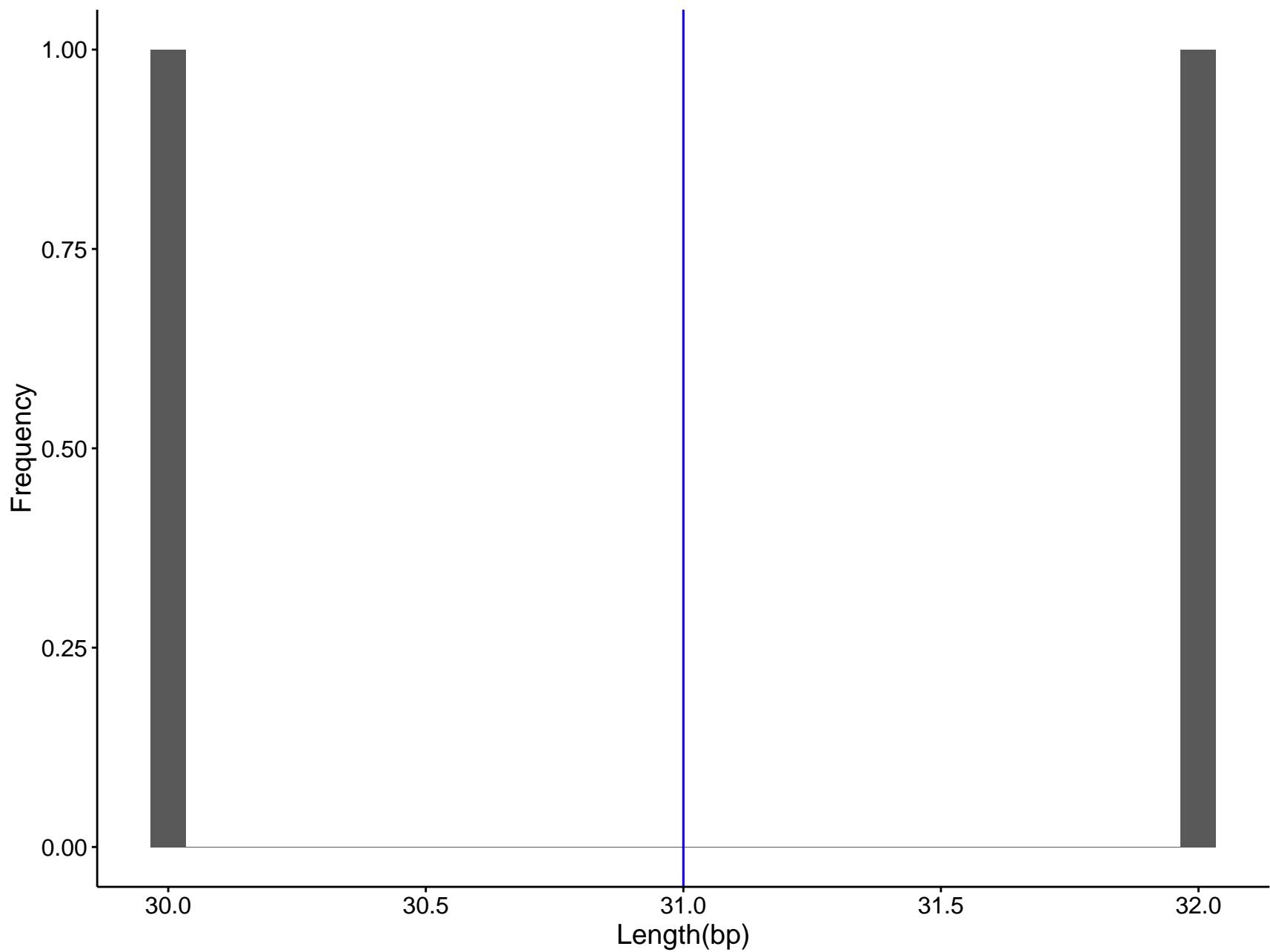
Length(bp)



Cluster1572



Cluster1573



Cluster1574

Frequency

37.950

37.975

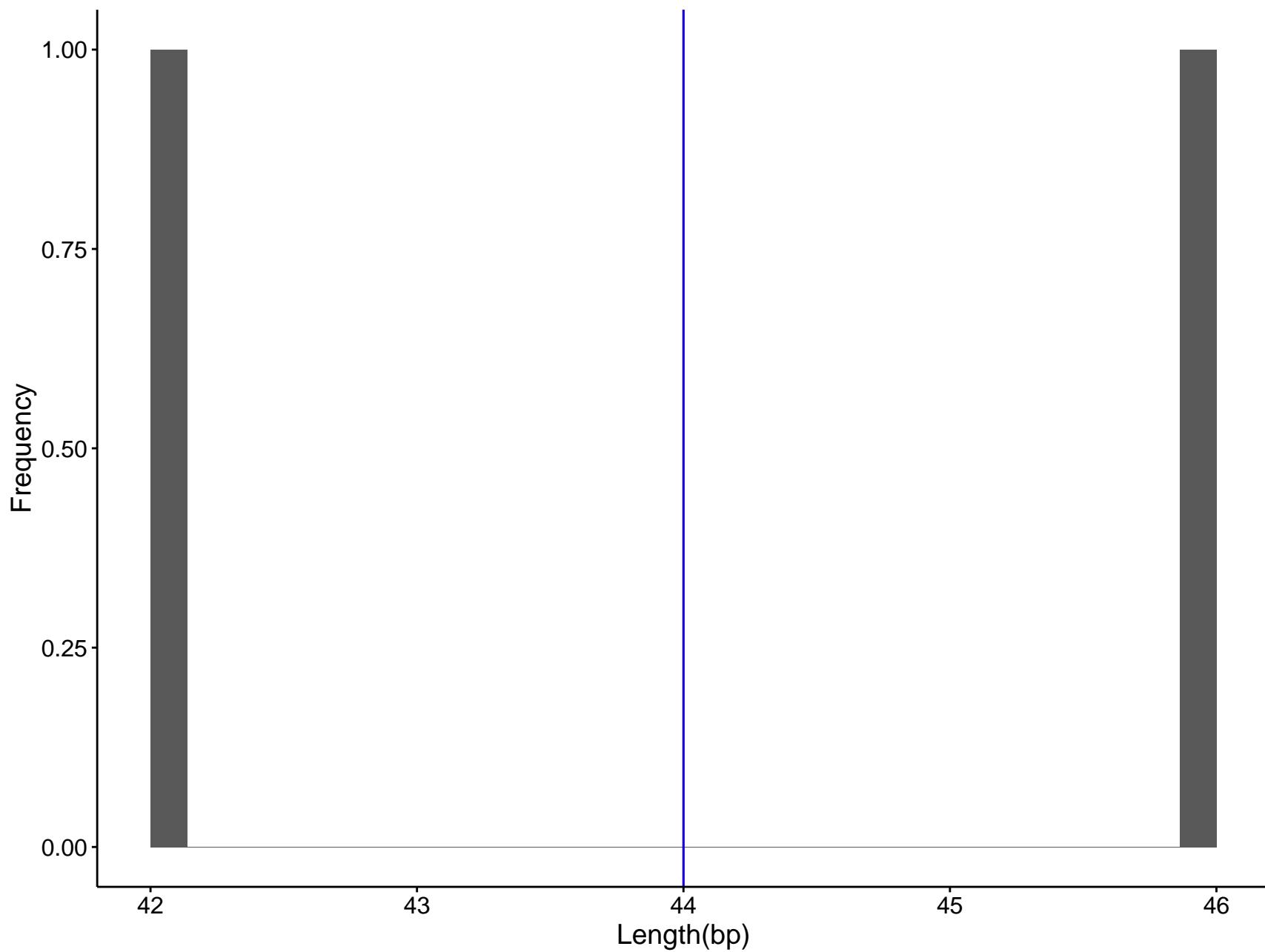
38.000

38.025

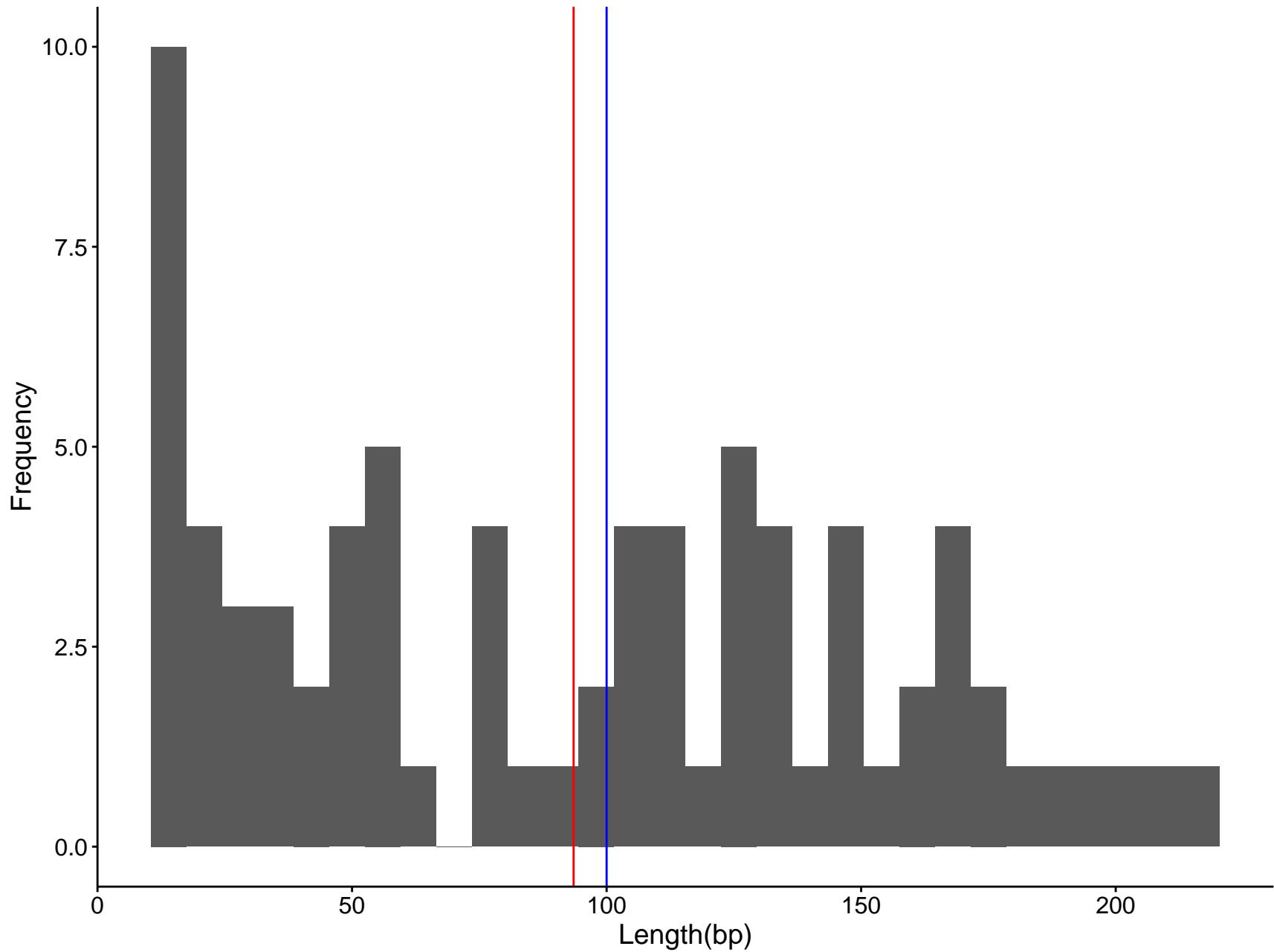
Length(bp)



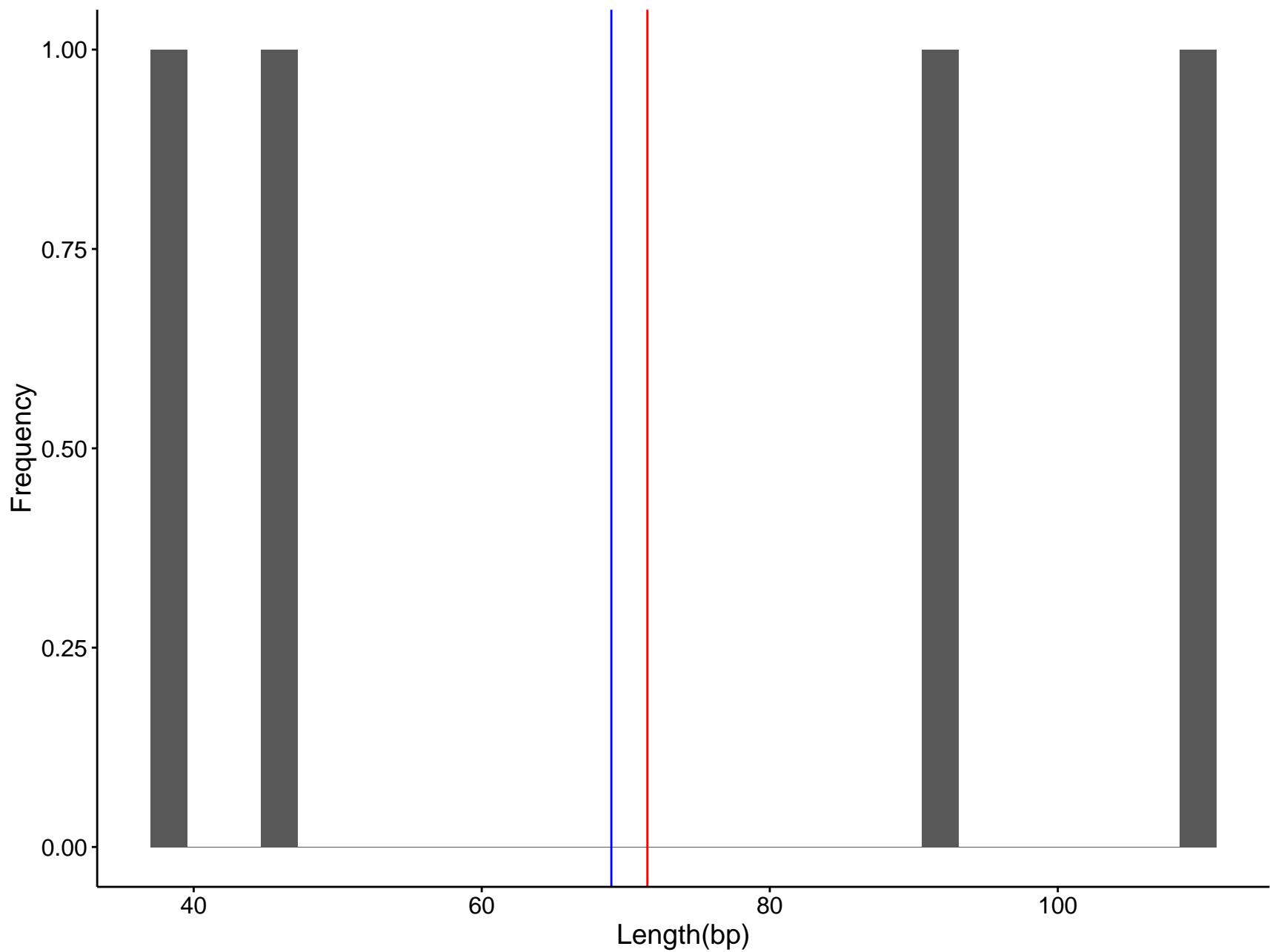
Cluster1575



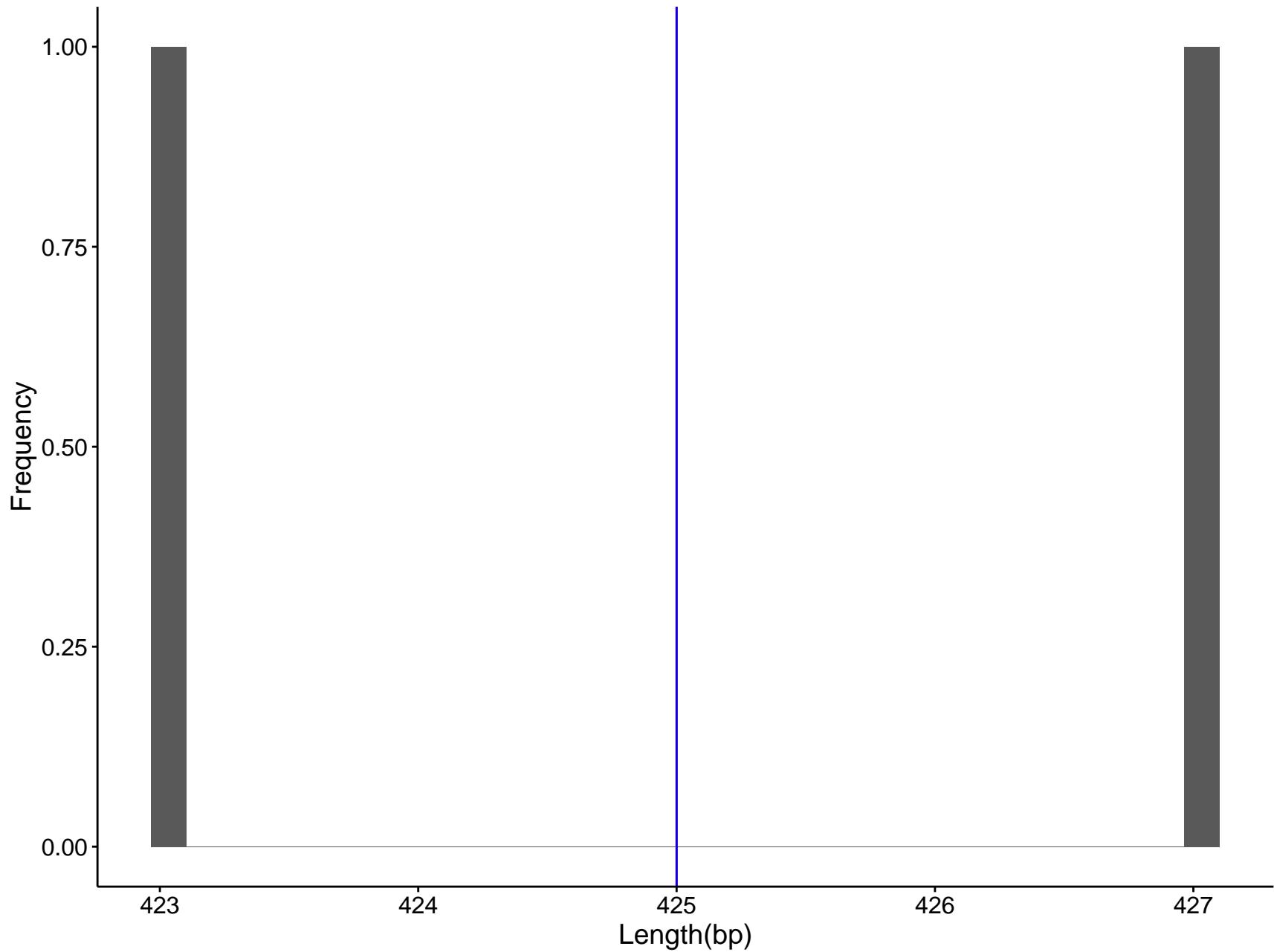
Cluster1576



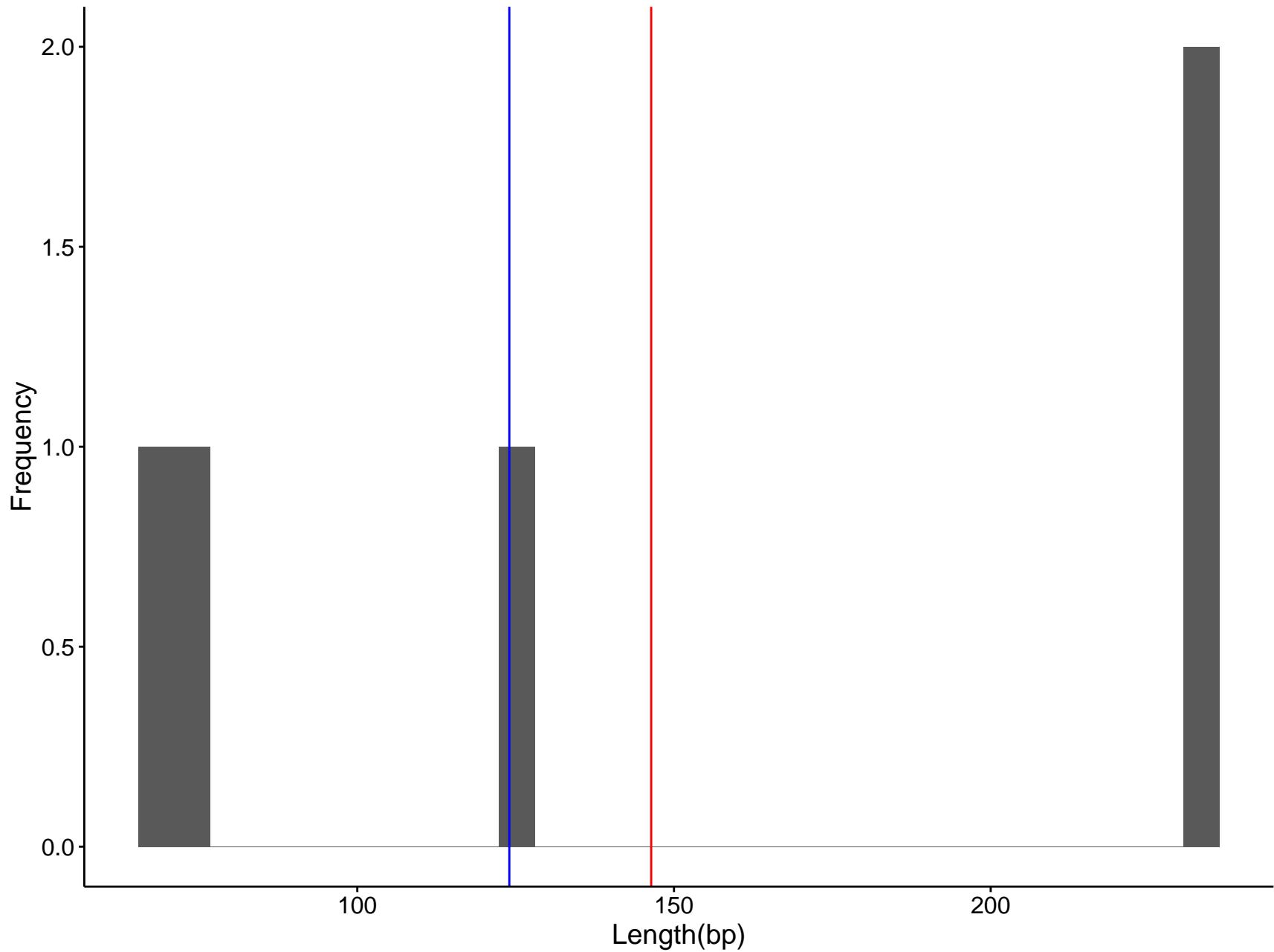
Cluster1578



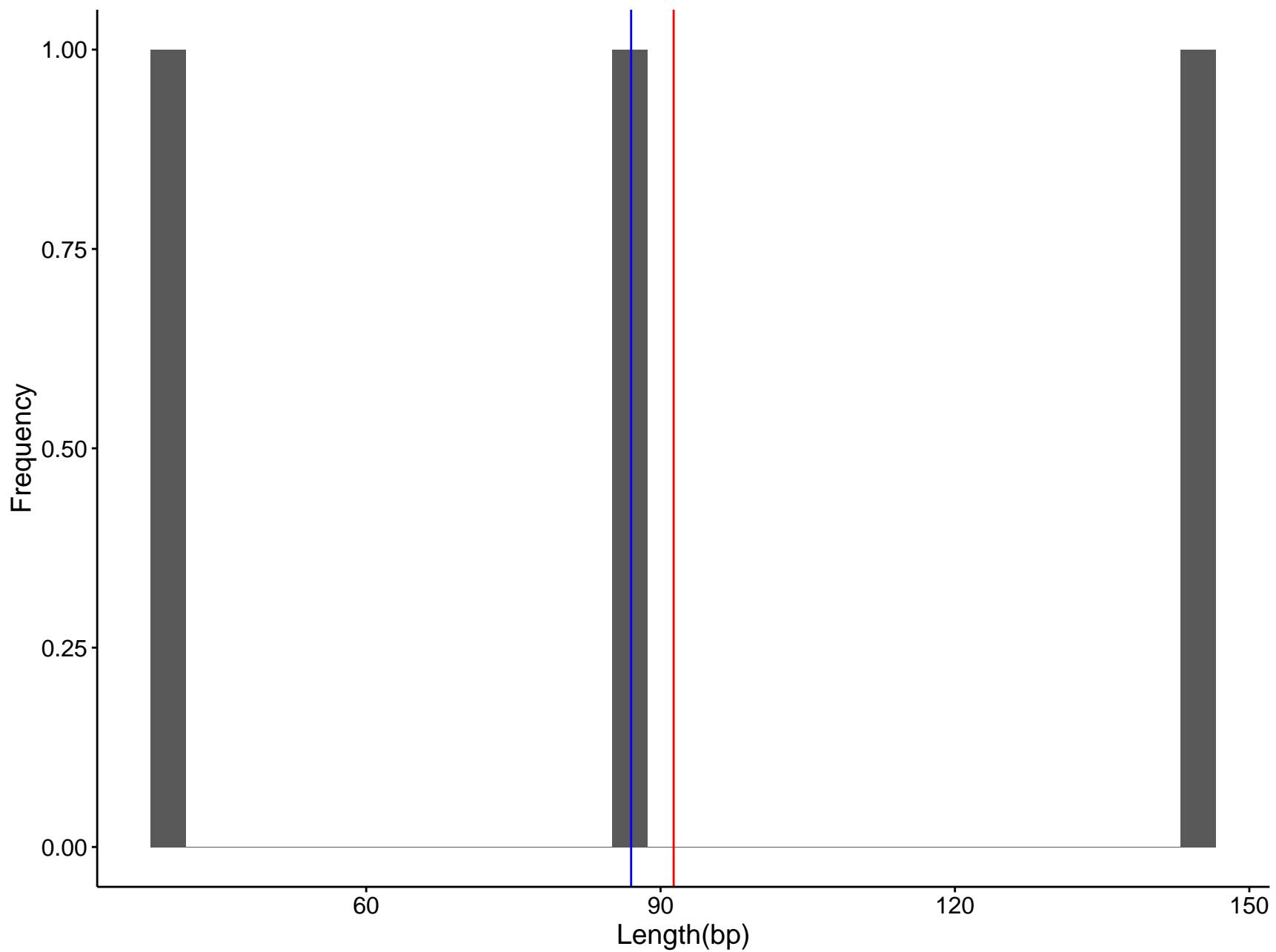
Cluster157



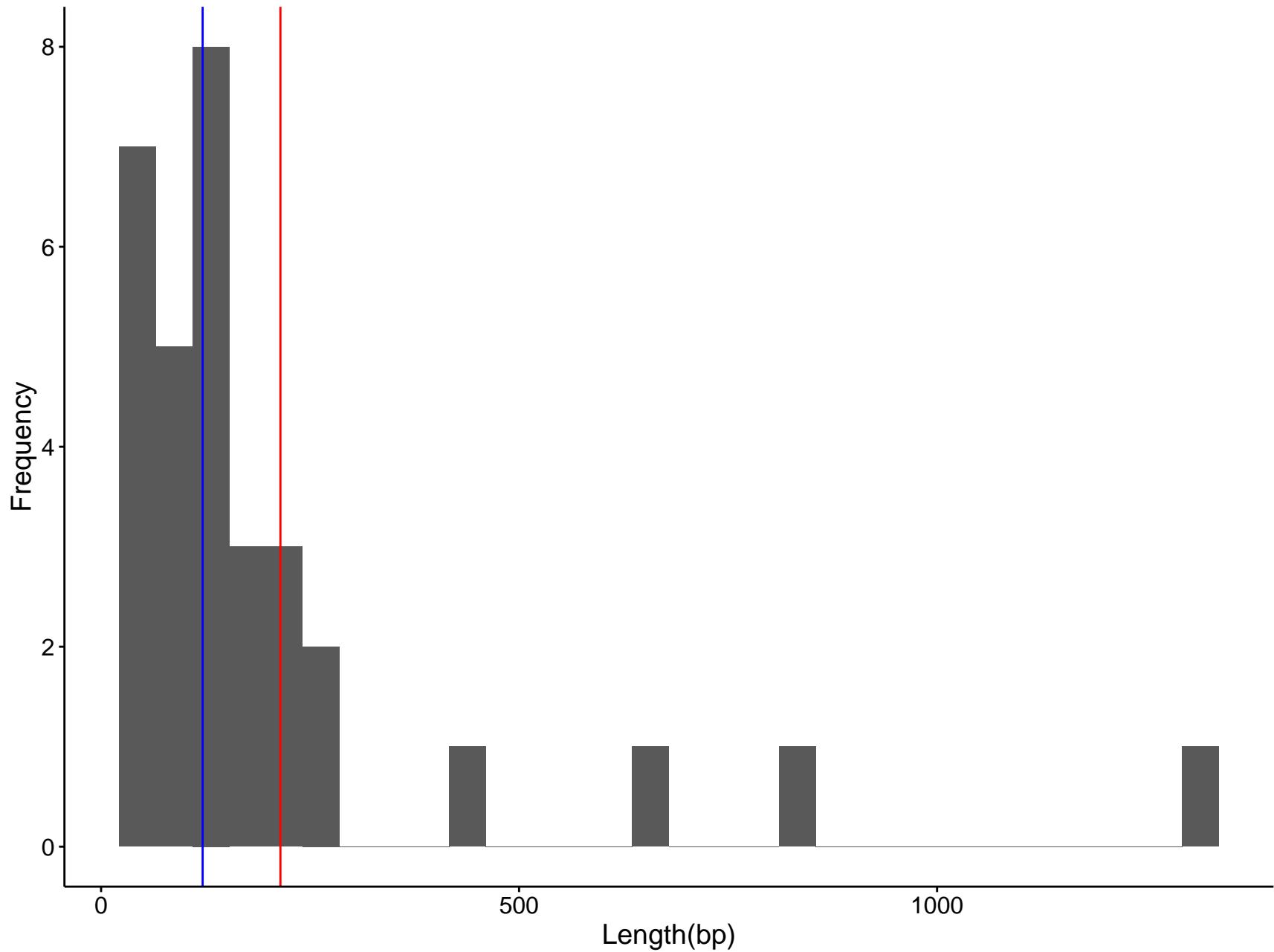
Cluster1585



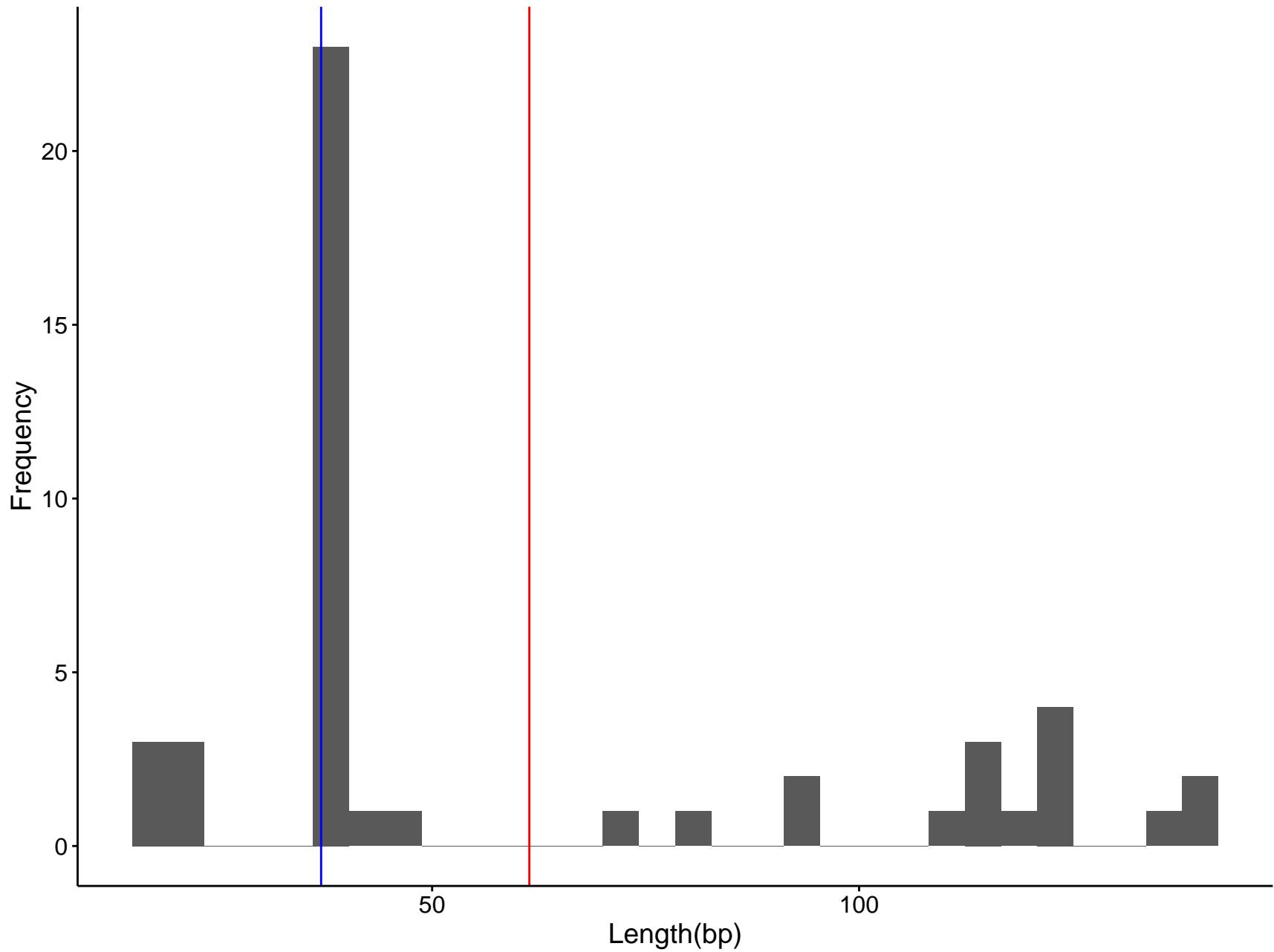
Cluster1586



Cluster1587



Cluster1588



Cluster1589

Frequency

160.950

160.975

161.000

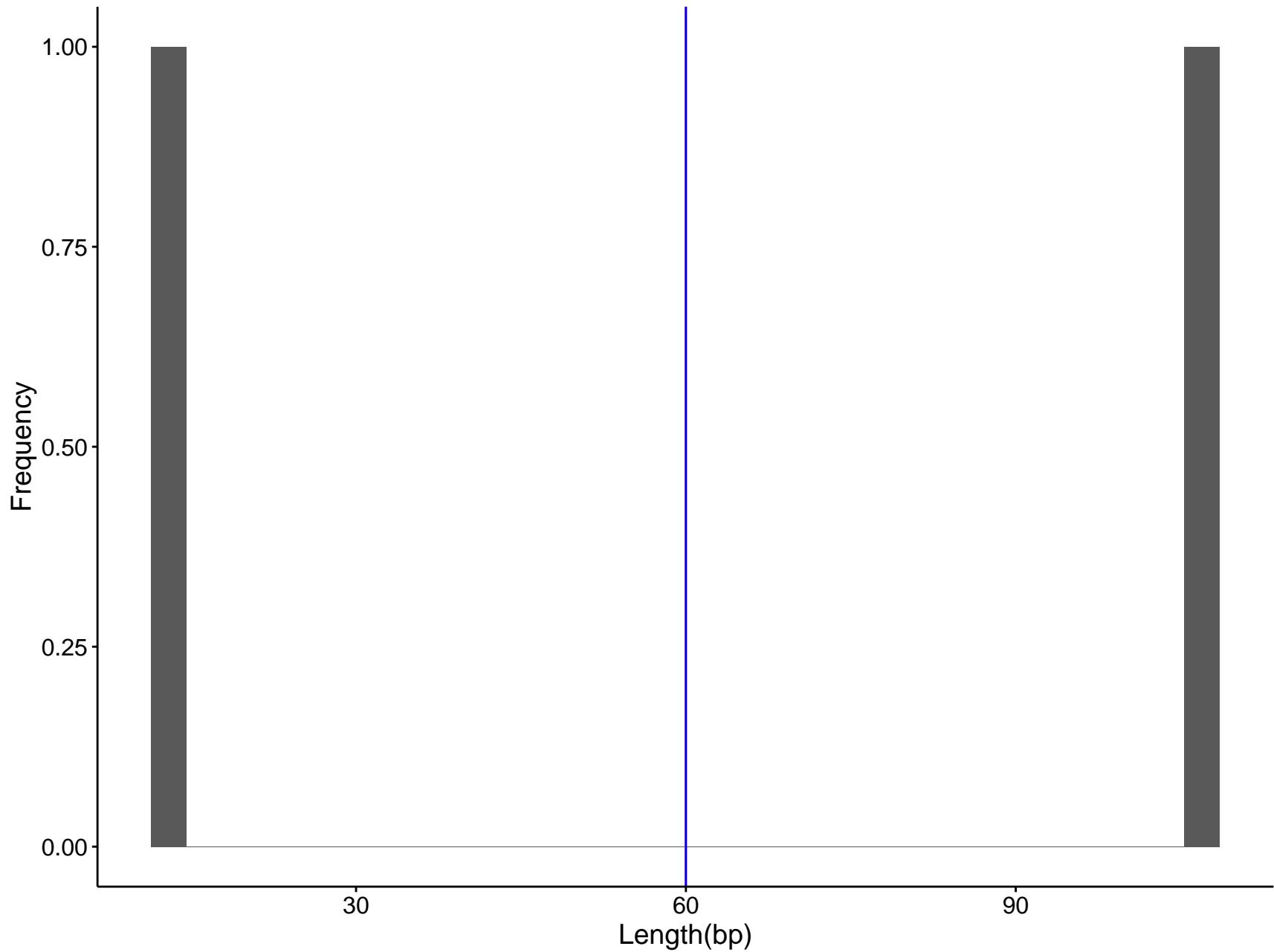
161.025

161.050

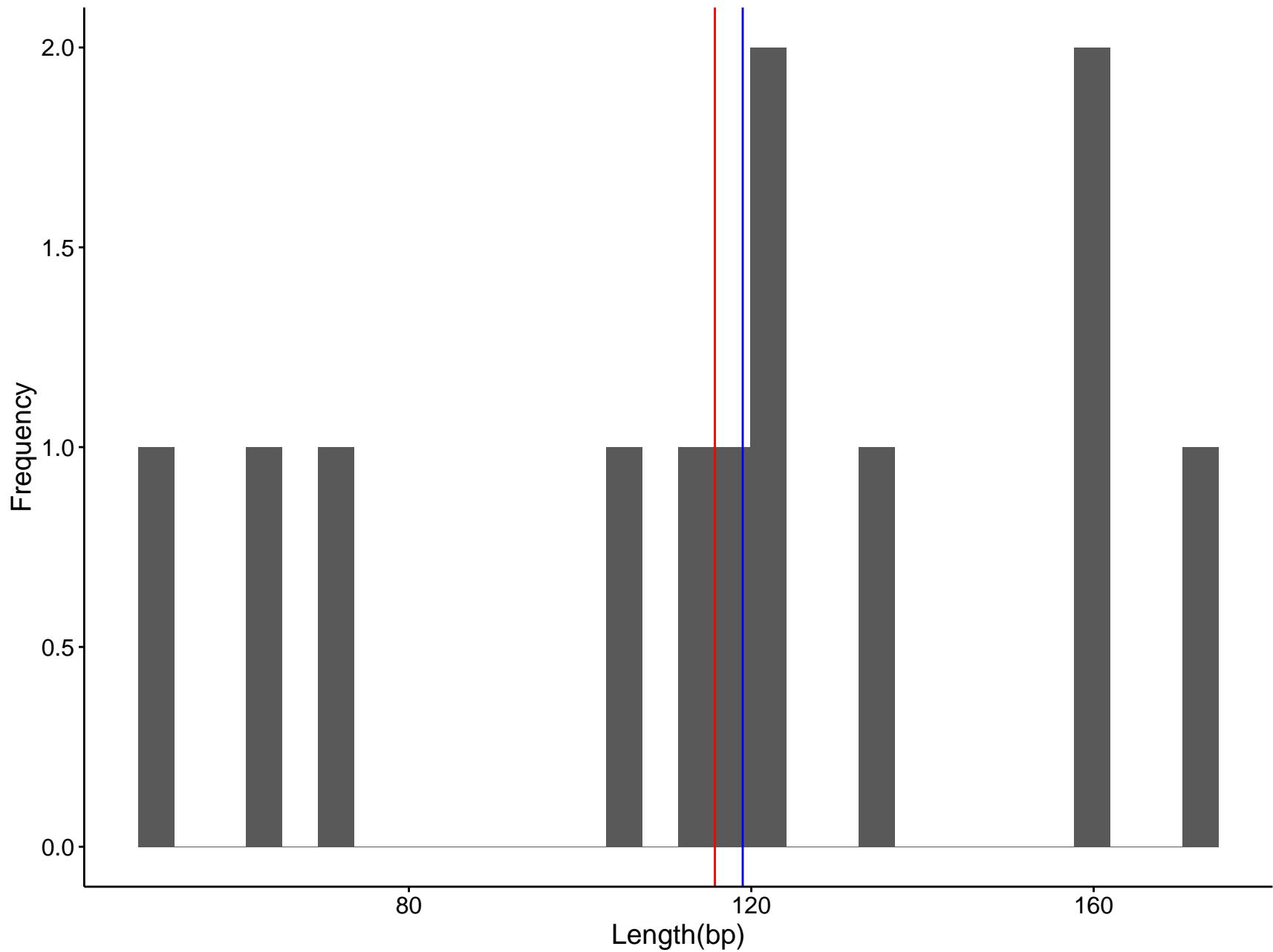
Length(bp)



Cluster1590



Cluster1591



Cluster1592

Frequency

75.950

75.975

76.000

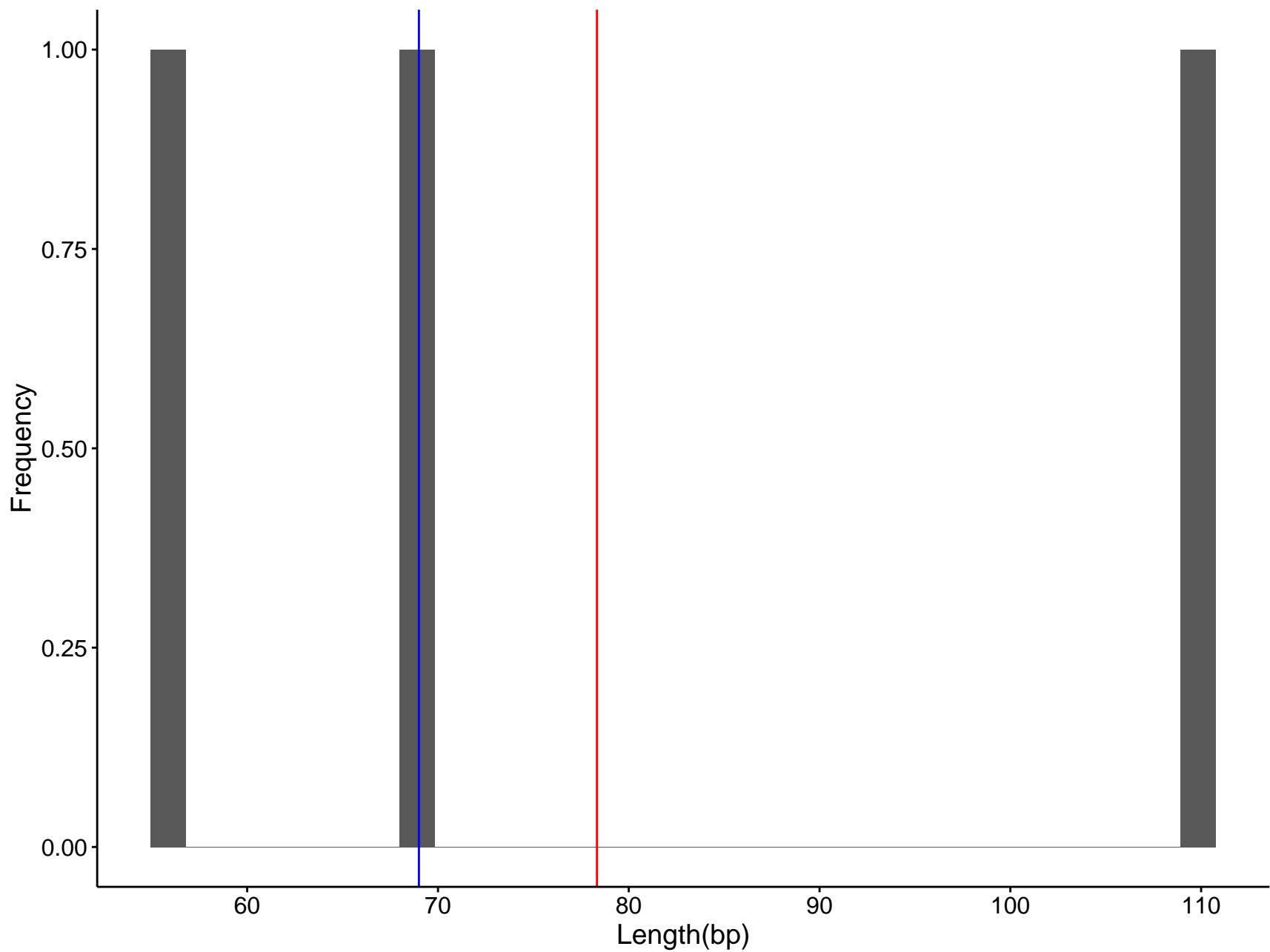
76.025

76.0

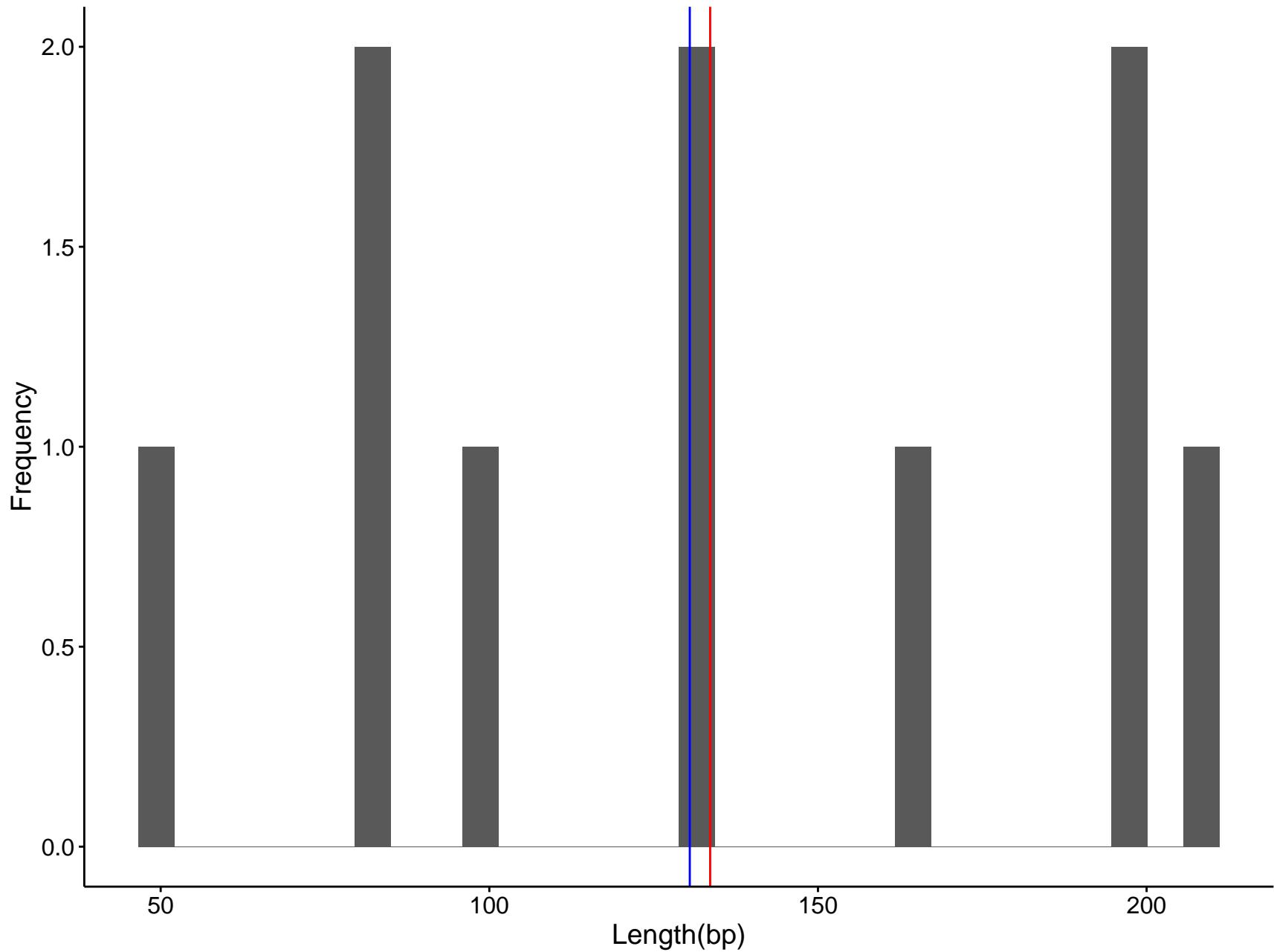
Length(bp)



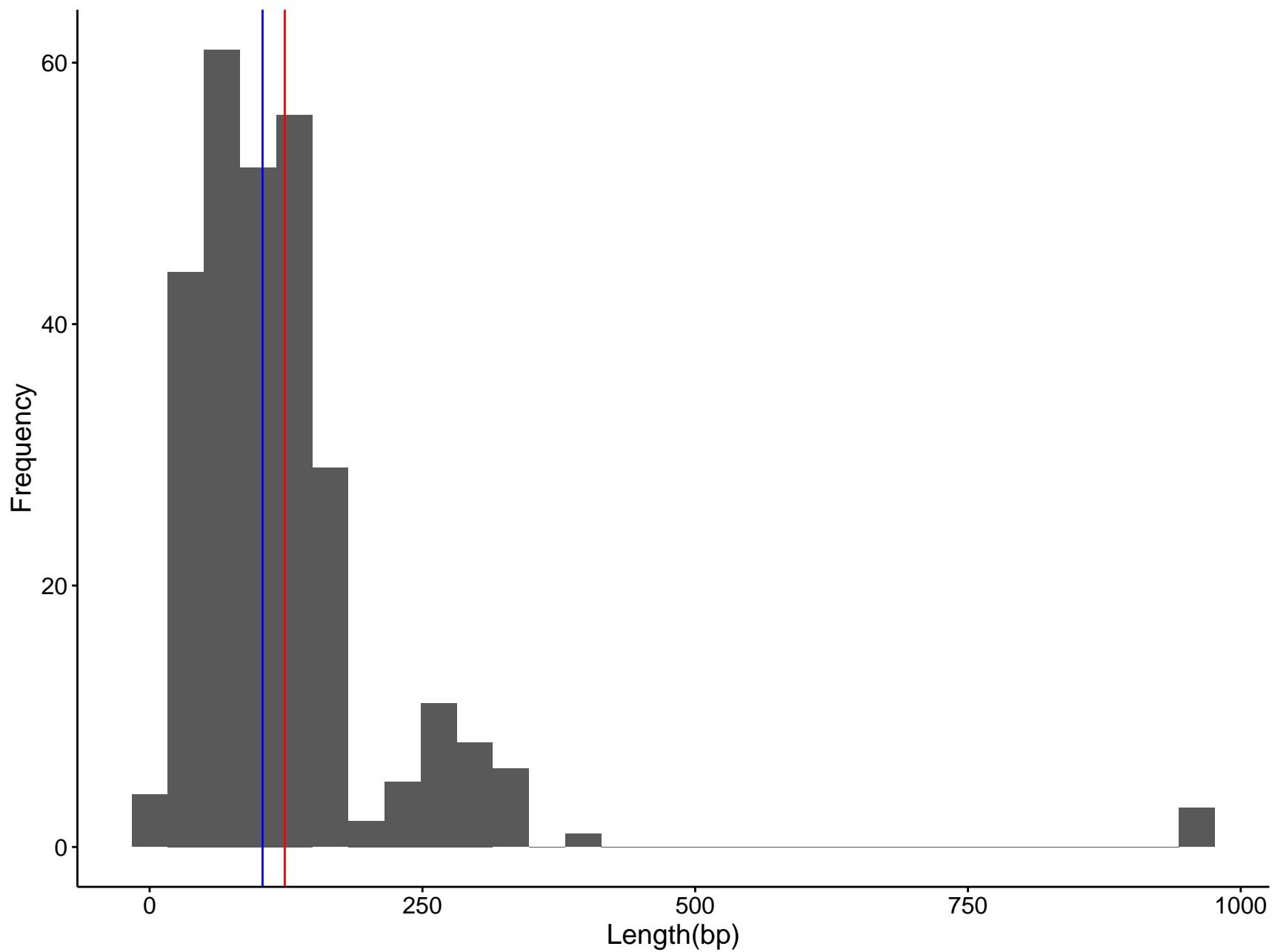
Cluster1593



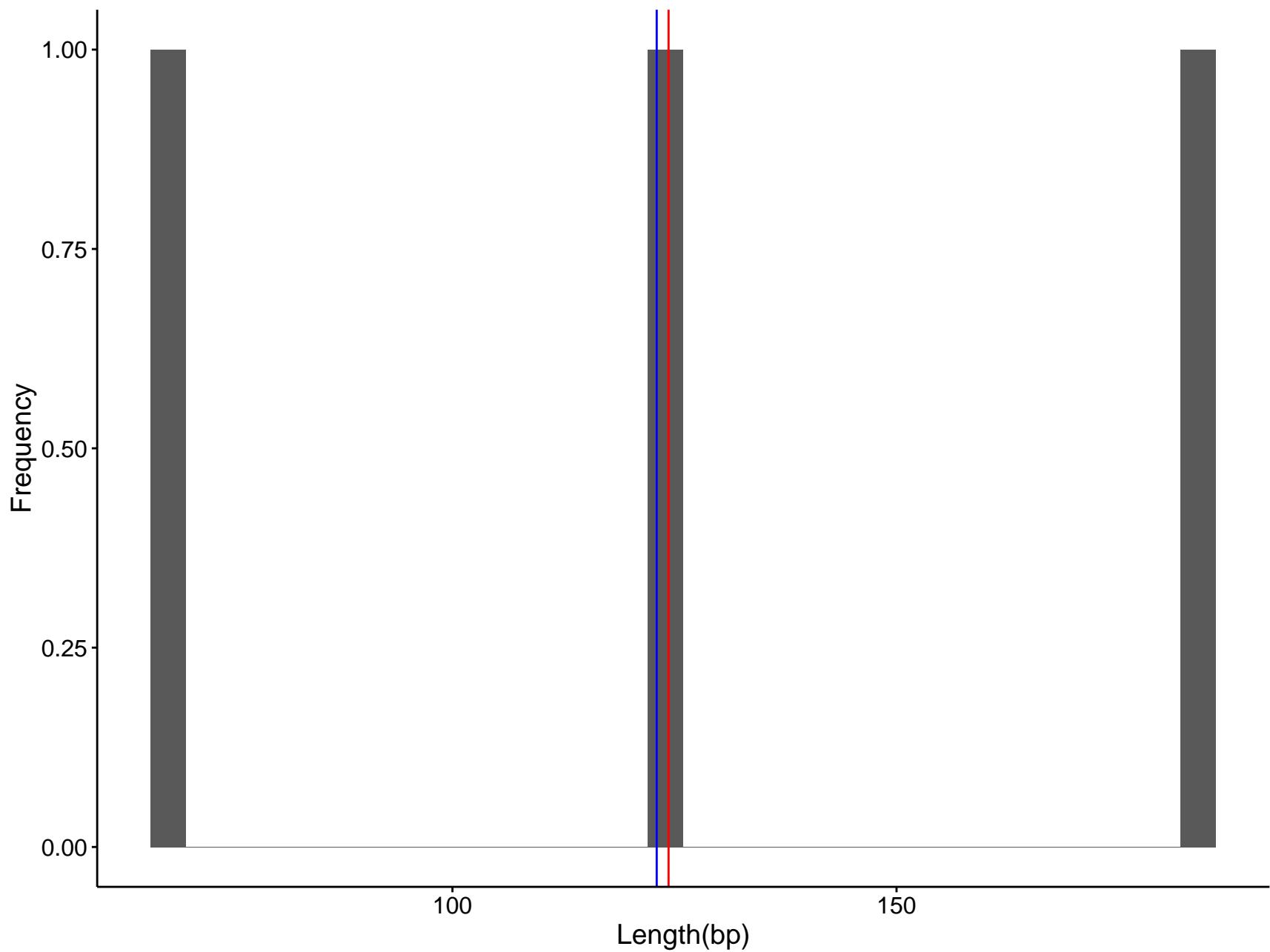
Cluster1597



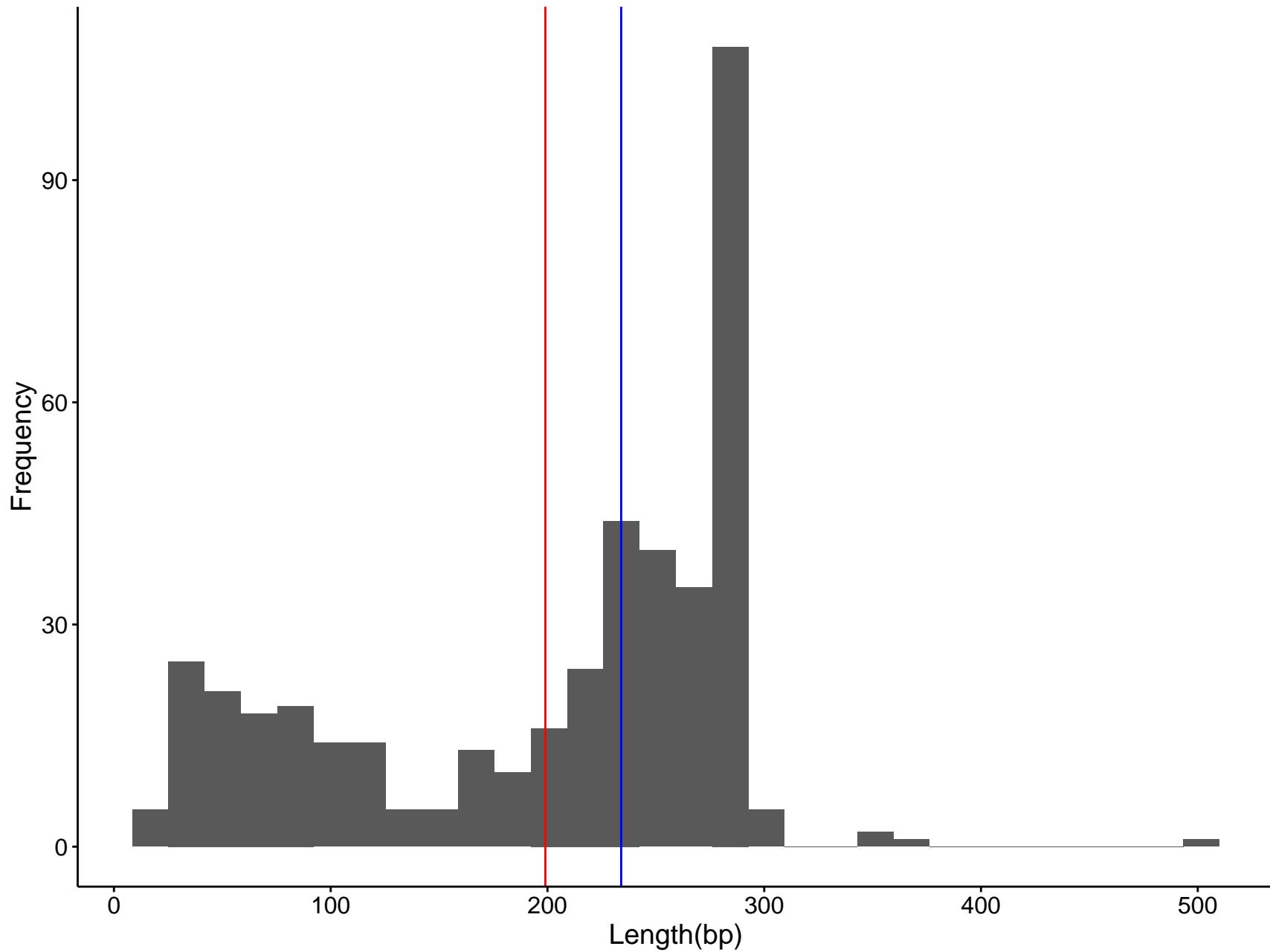
Cluster1599



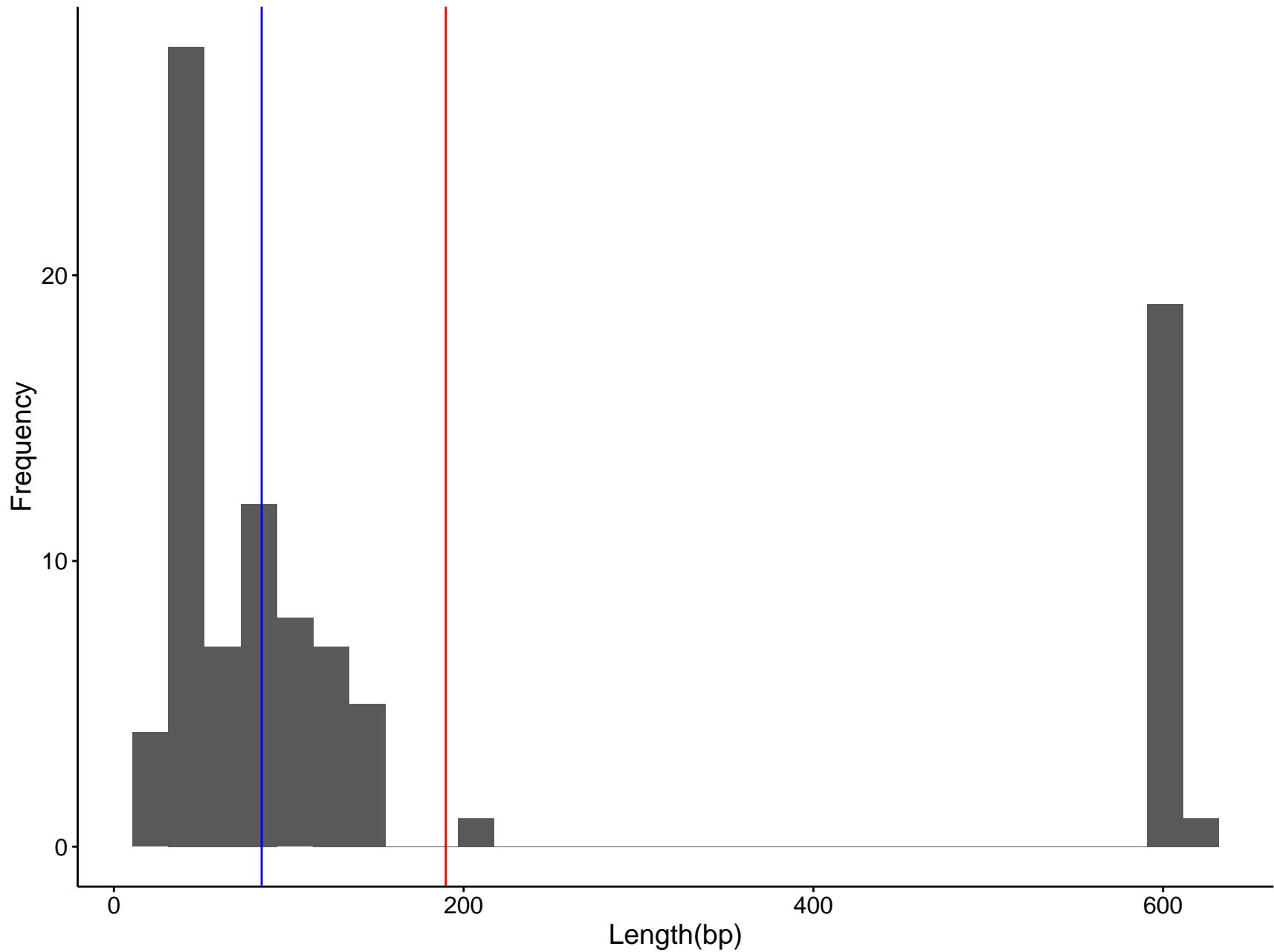
Cluster159



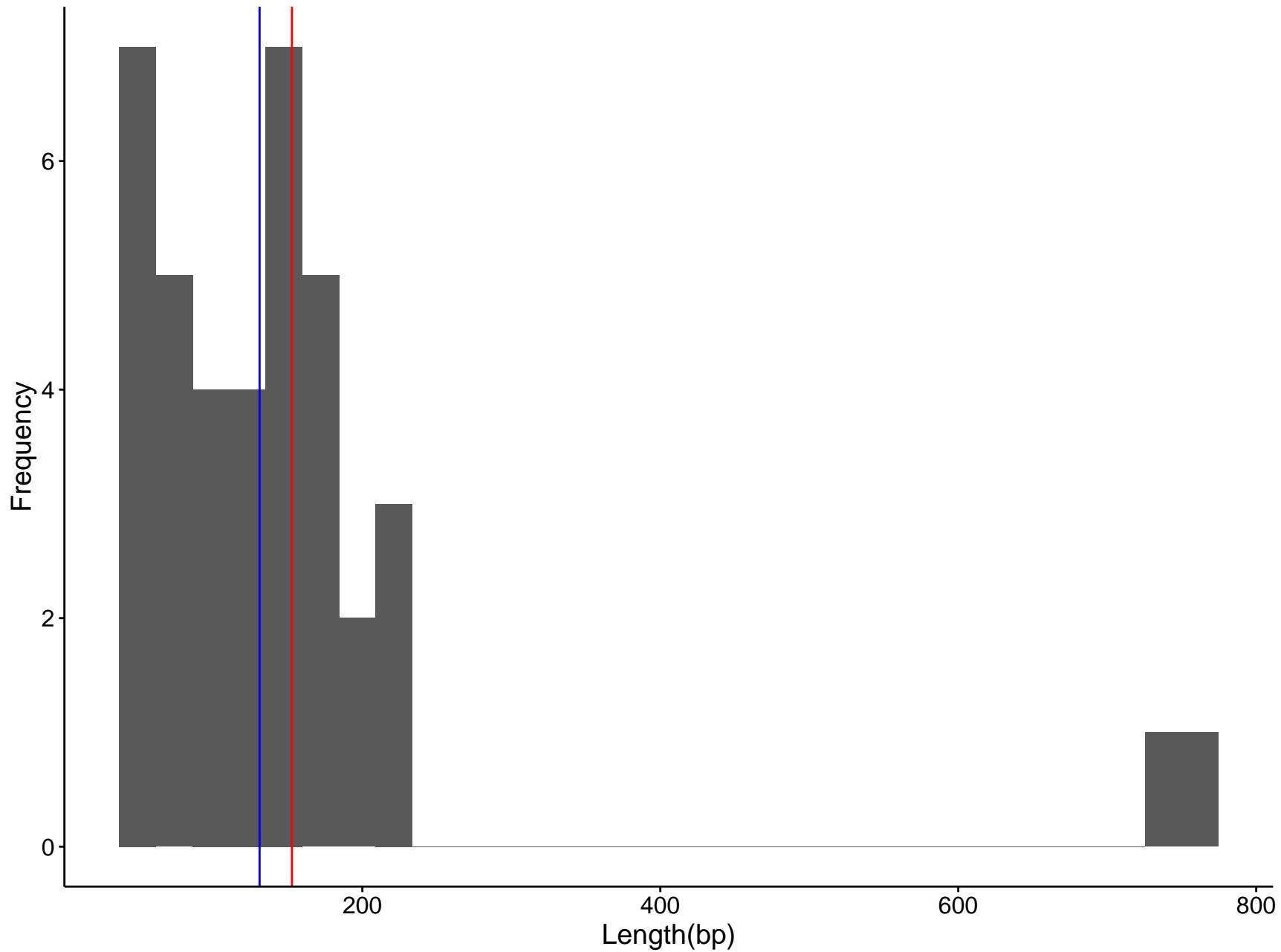
Cluster1600



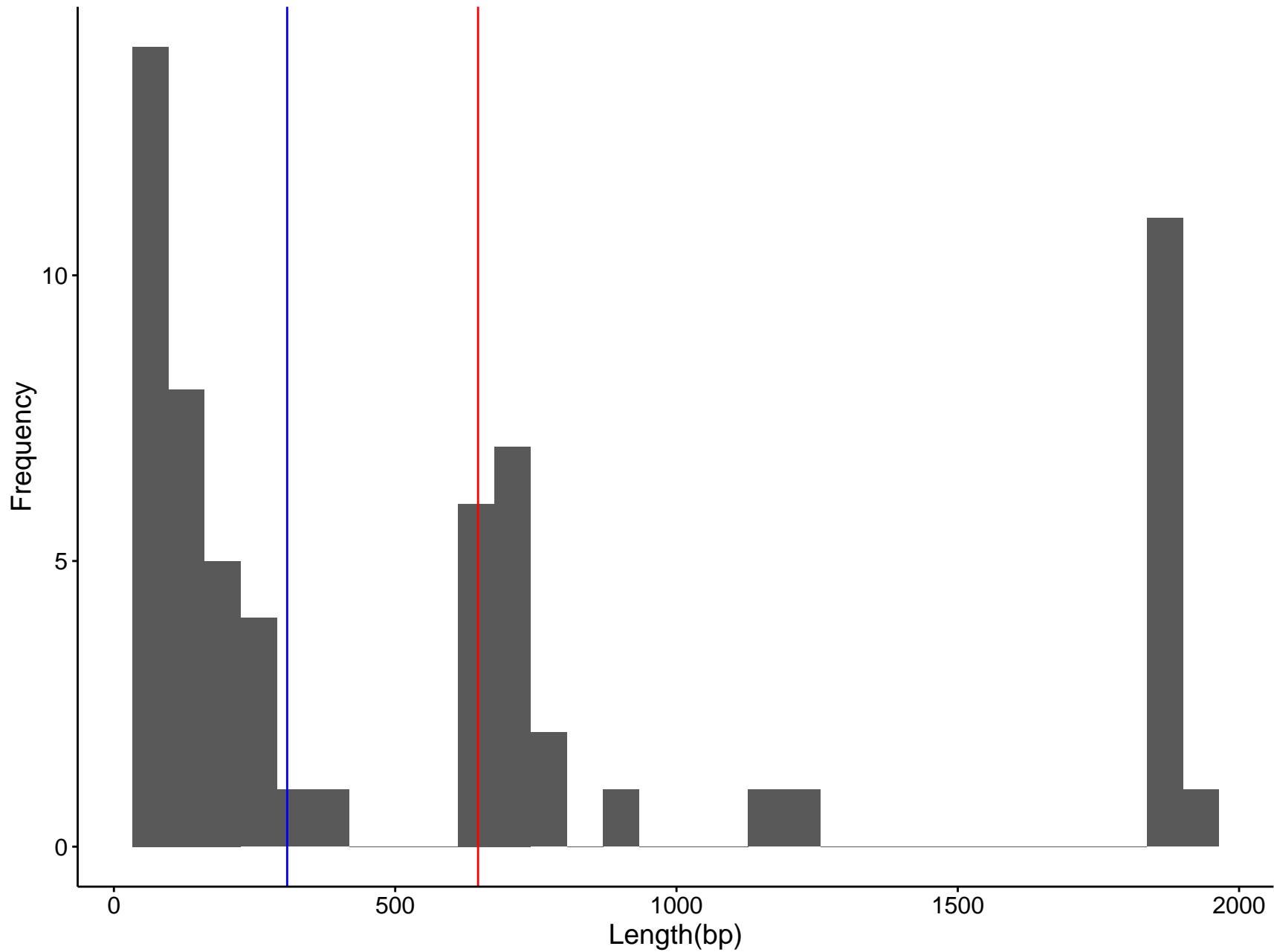
Cluster1601



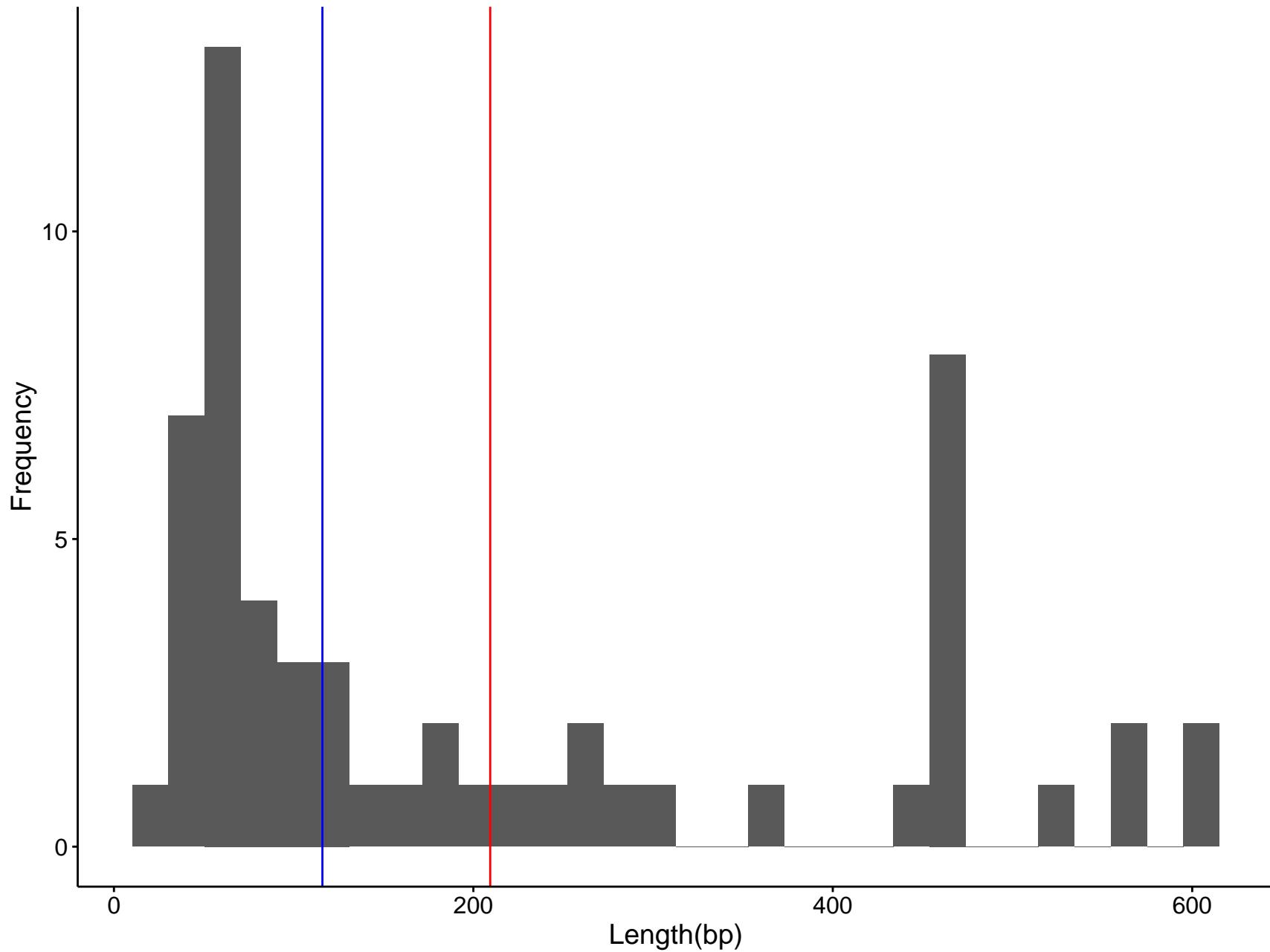
Cluster1602



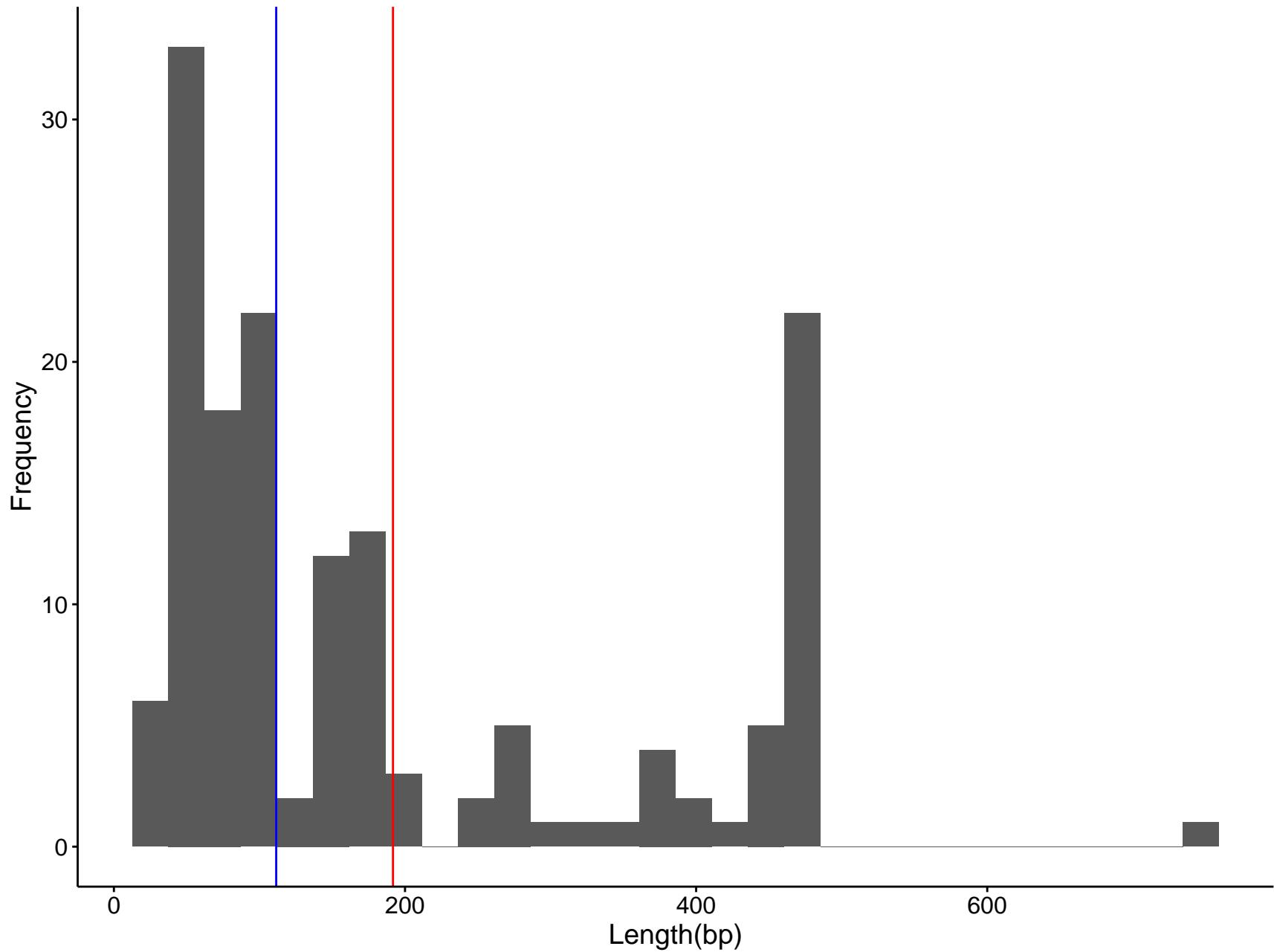
Cluster1603



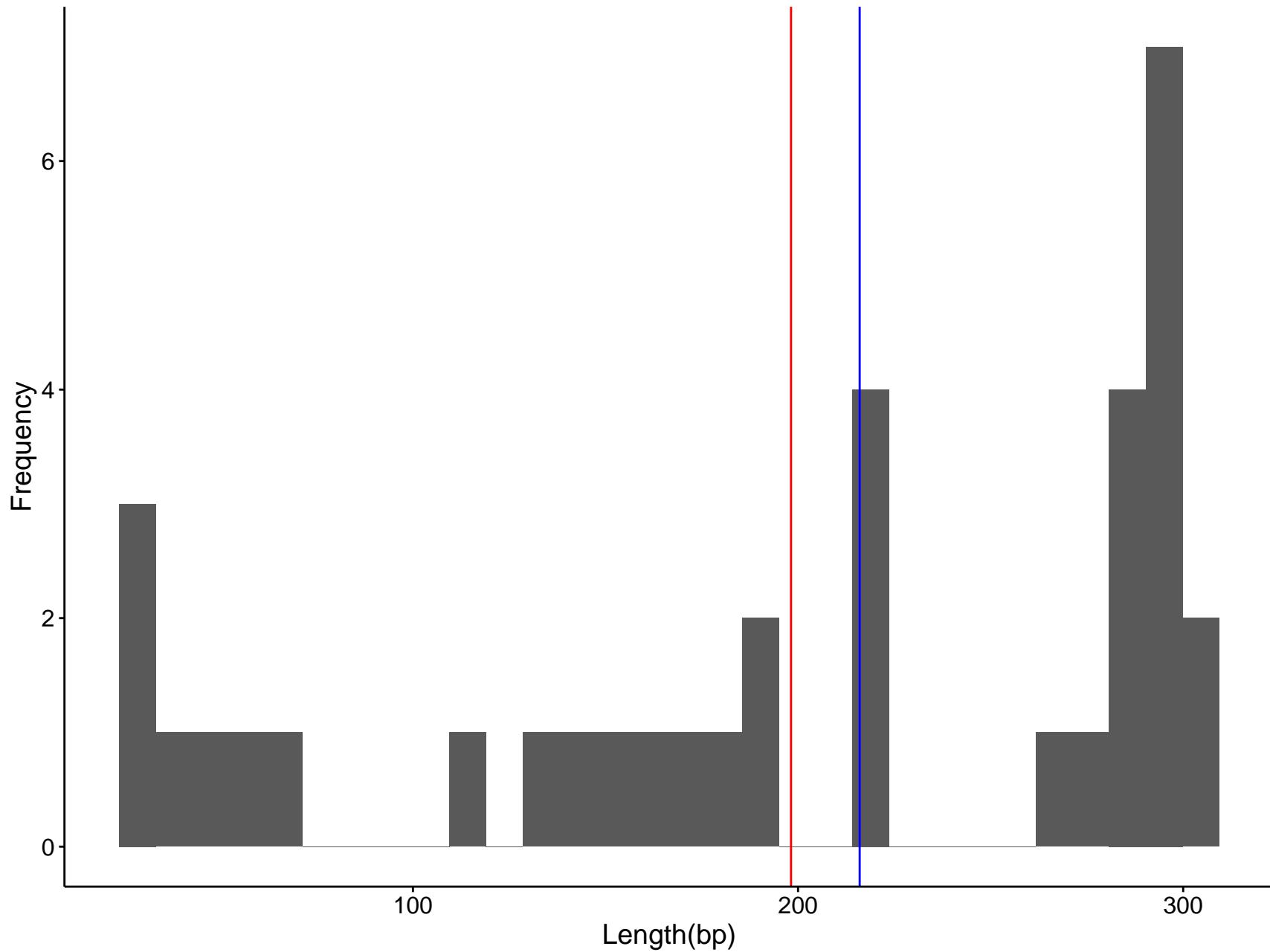
Cluster1604



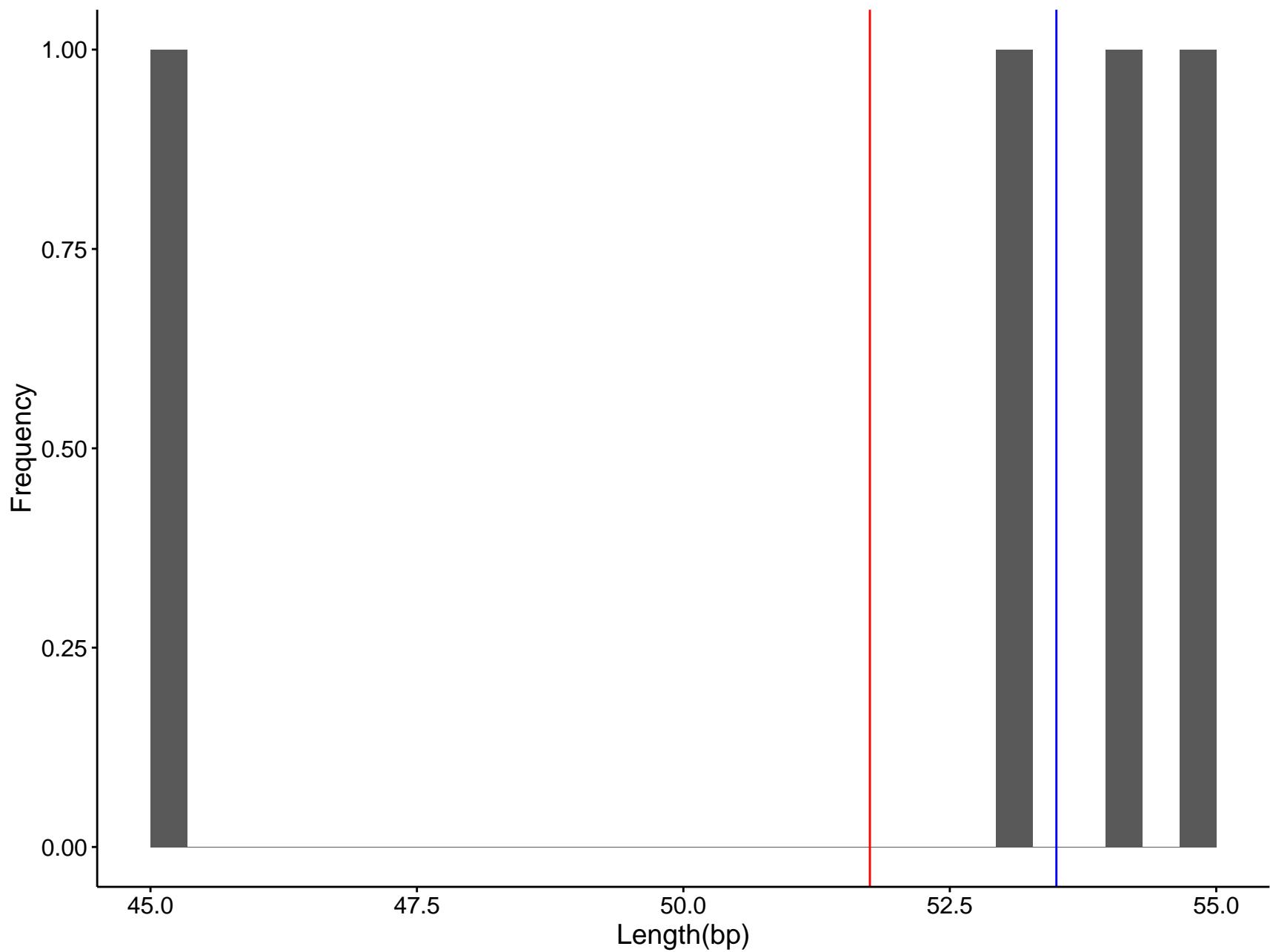
Cluster1605



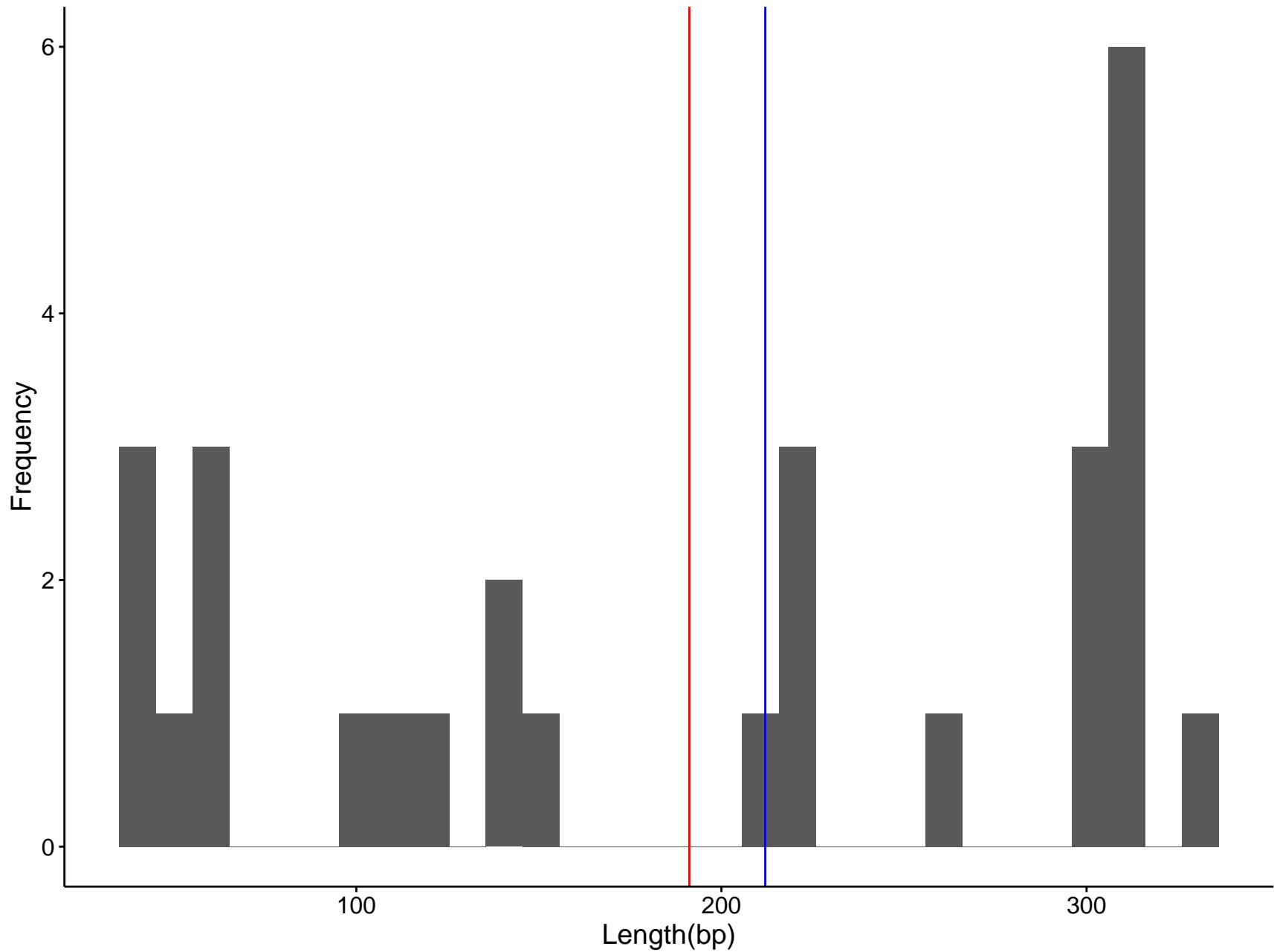
Cluster1606



Cluster1607



Cluster1608



Cluster1609

Frequency

311.950

311.975

312.000

312.025

Length(bp)



Cluster160

Frequency

96.950

96.975

97.000

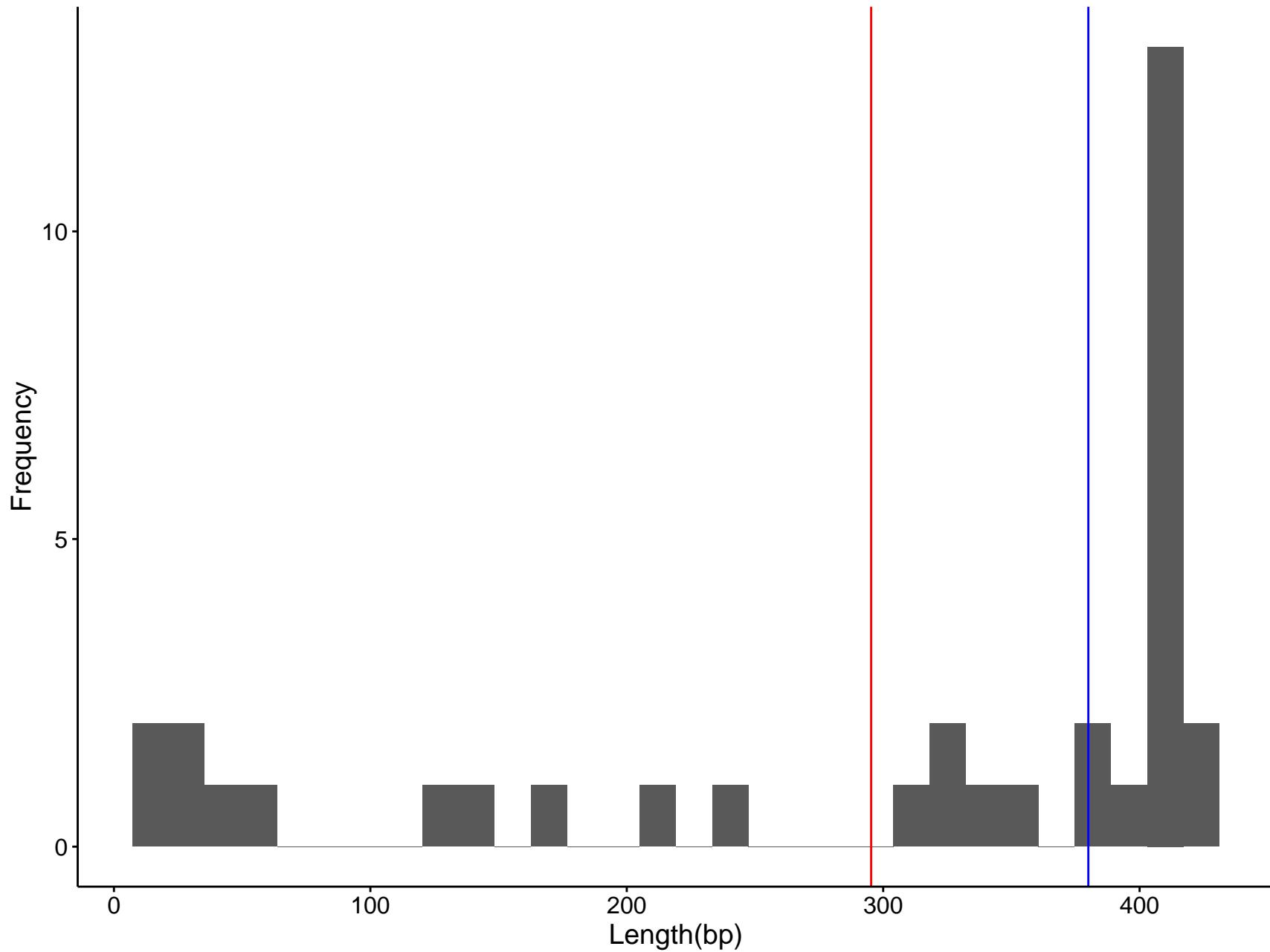
97.025

97.0

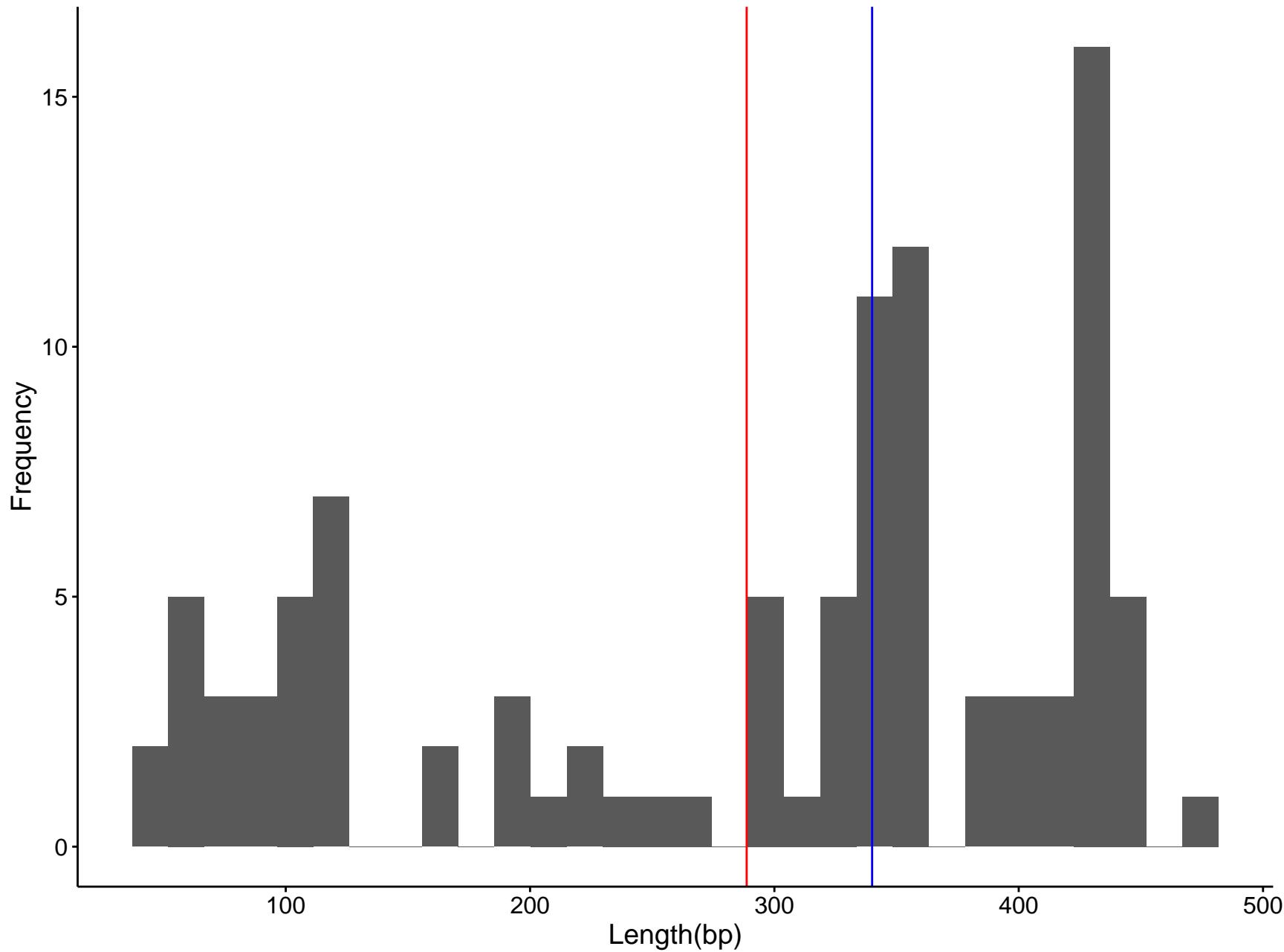
Length(bp)



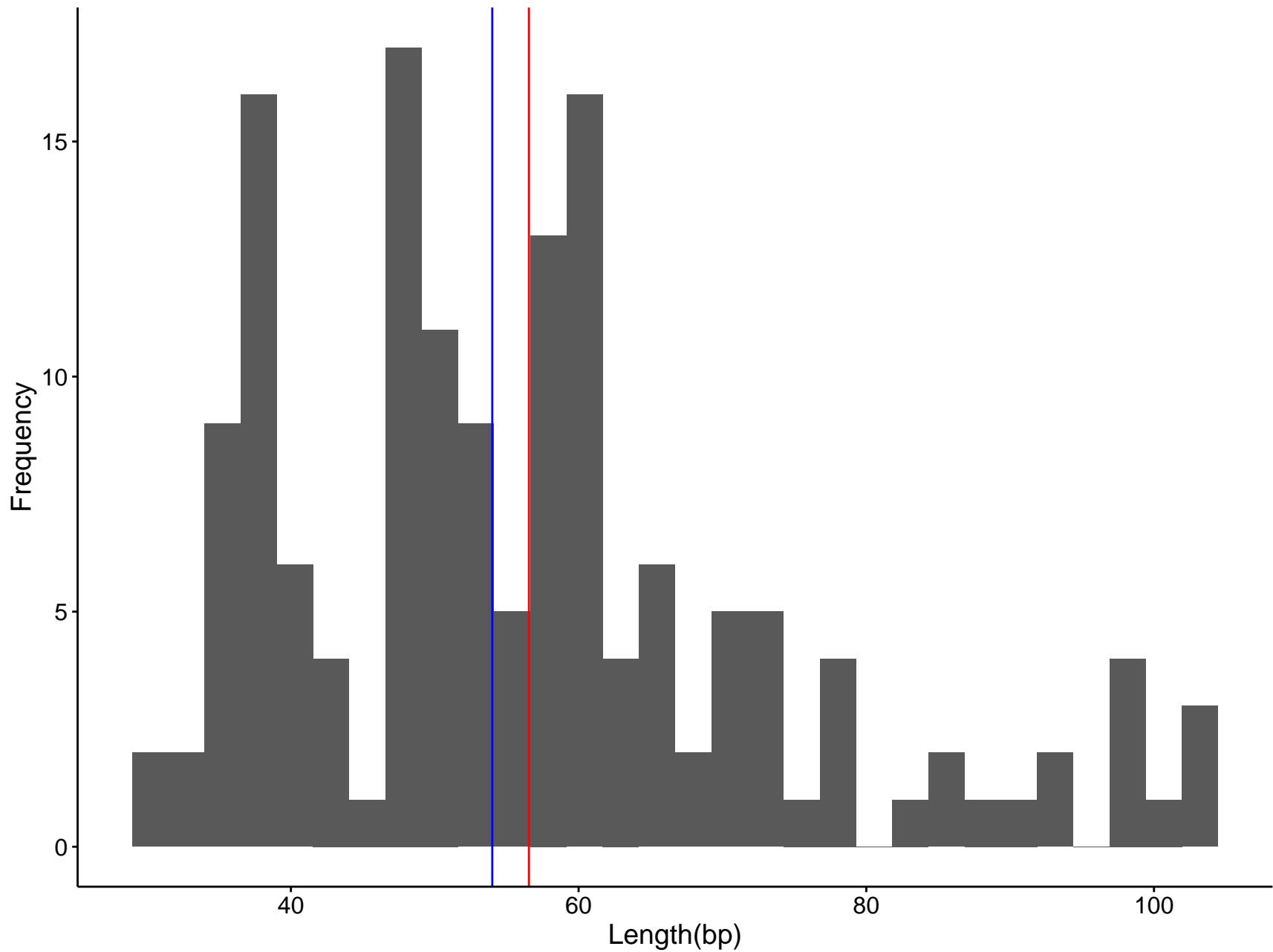
Cluster1610



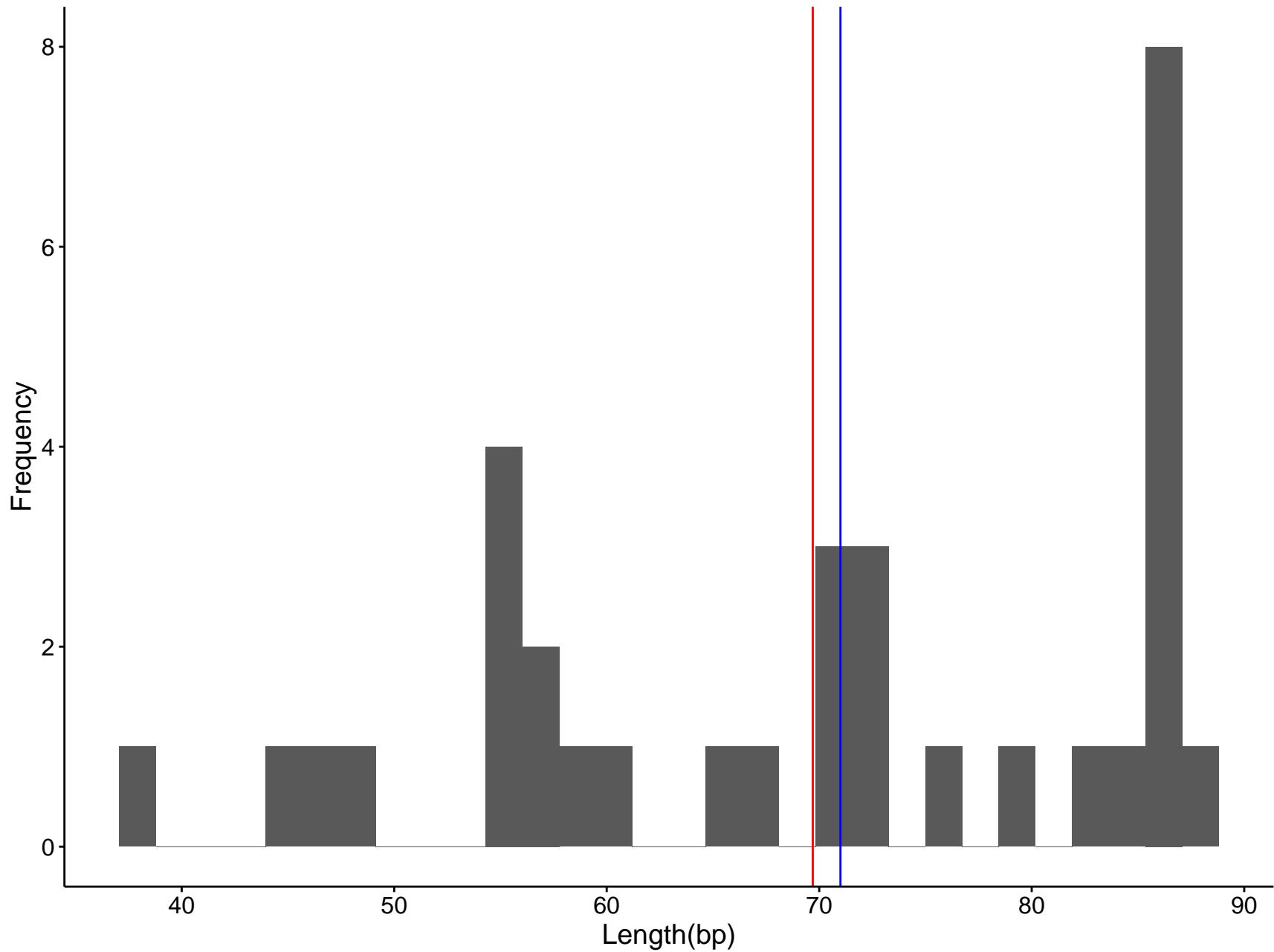
Cluster1612



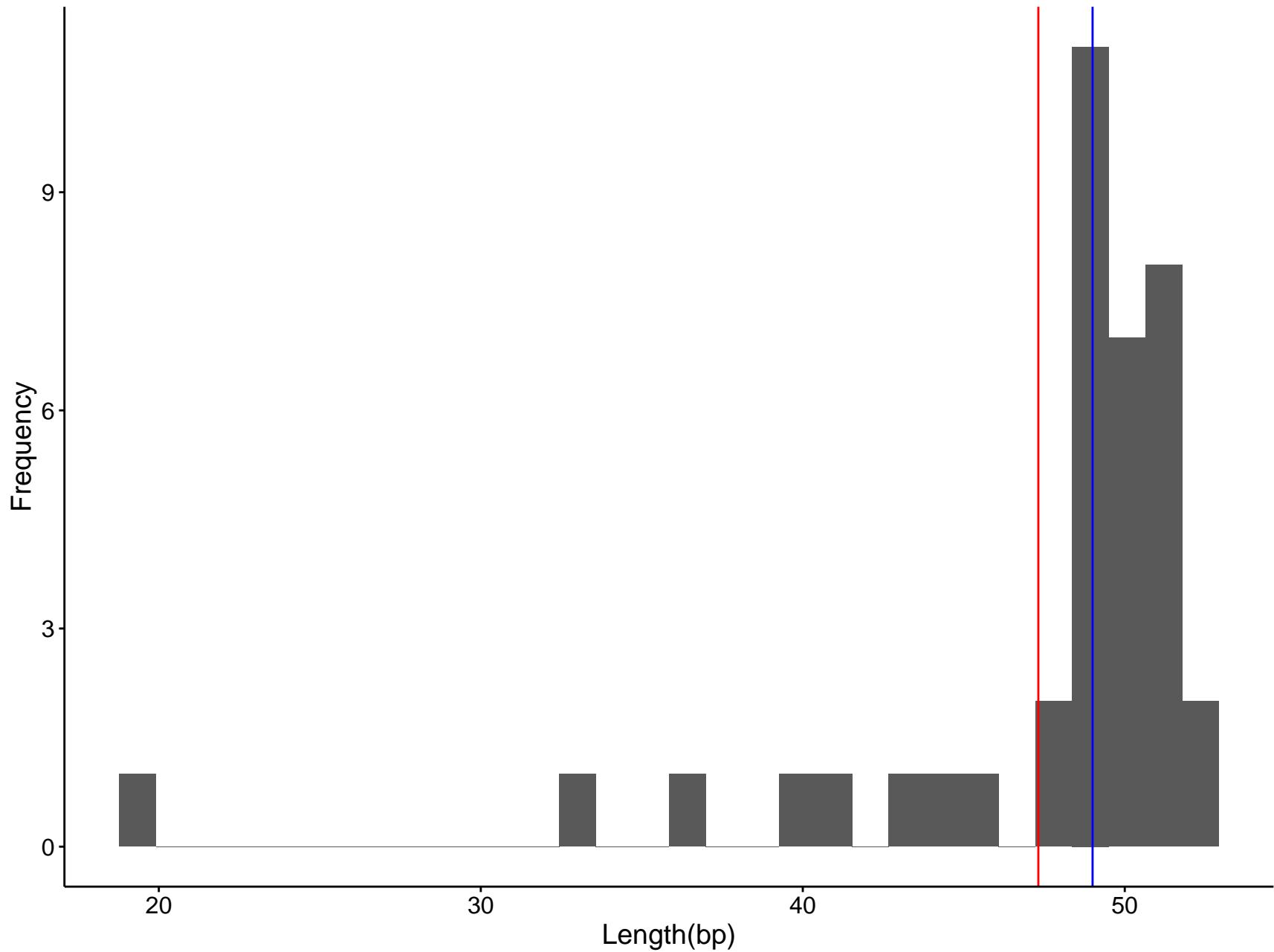
Cluster1613



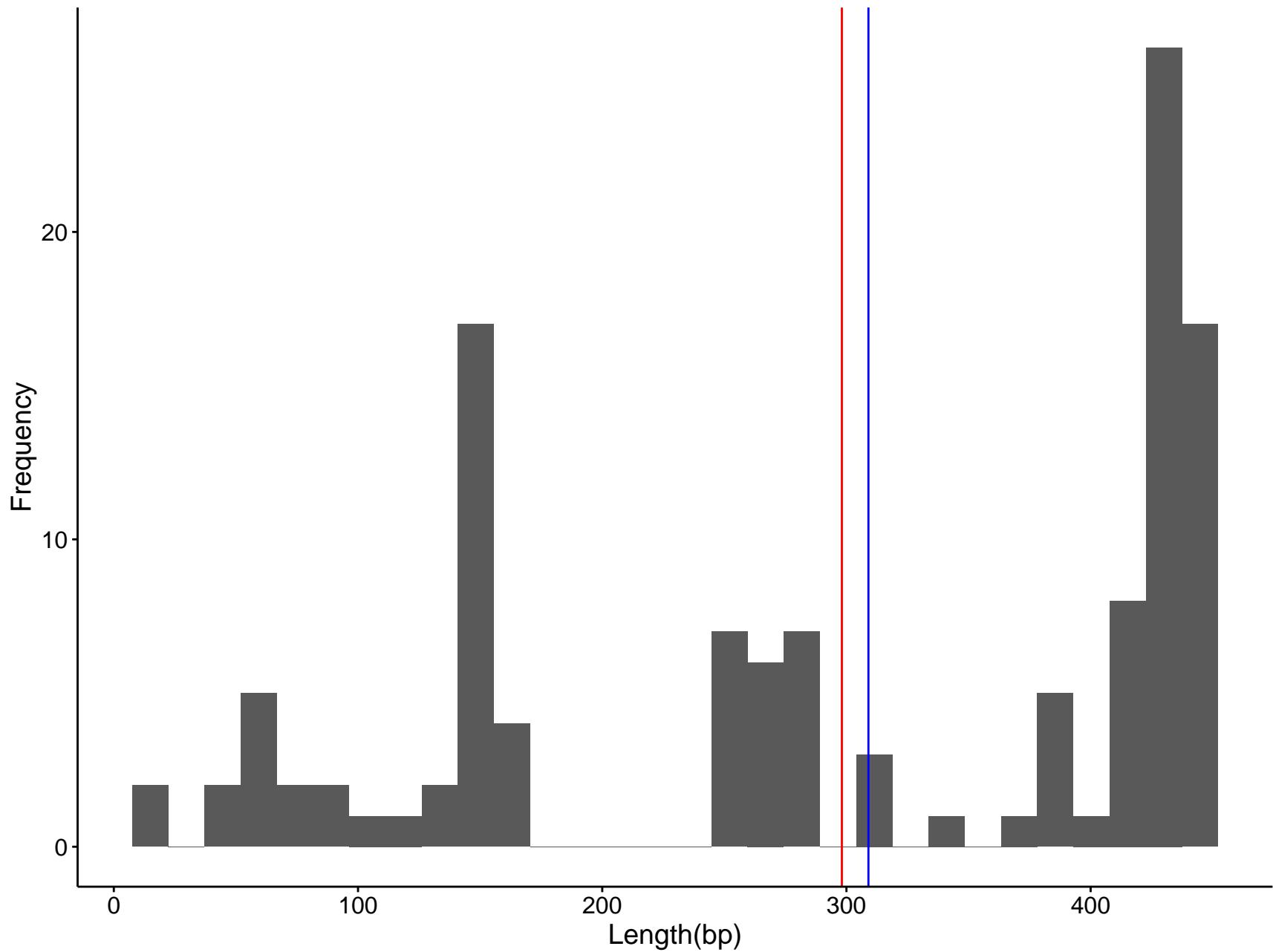
Cluster1614



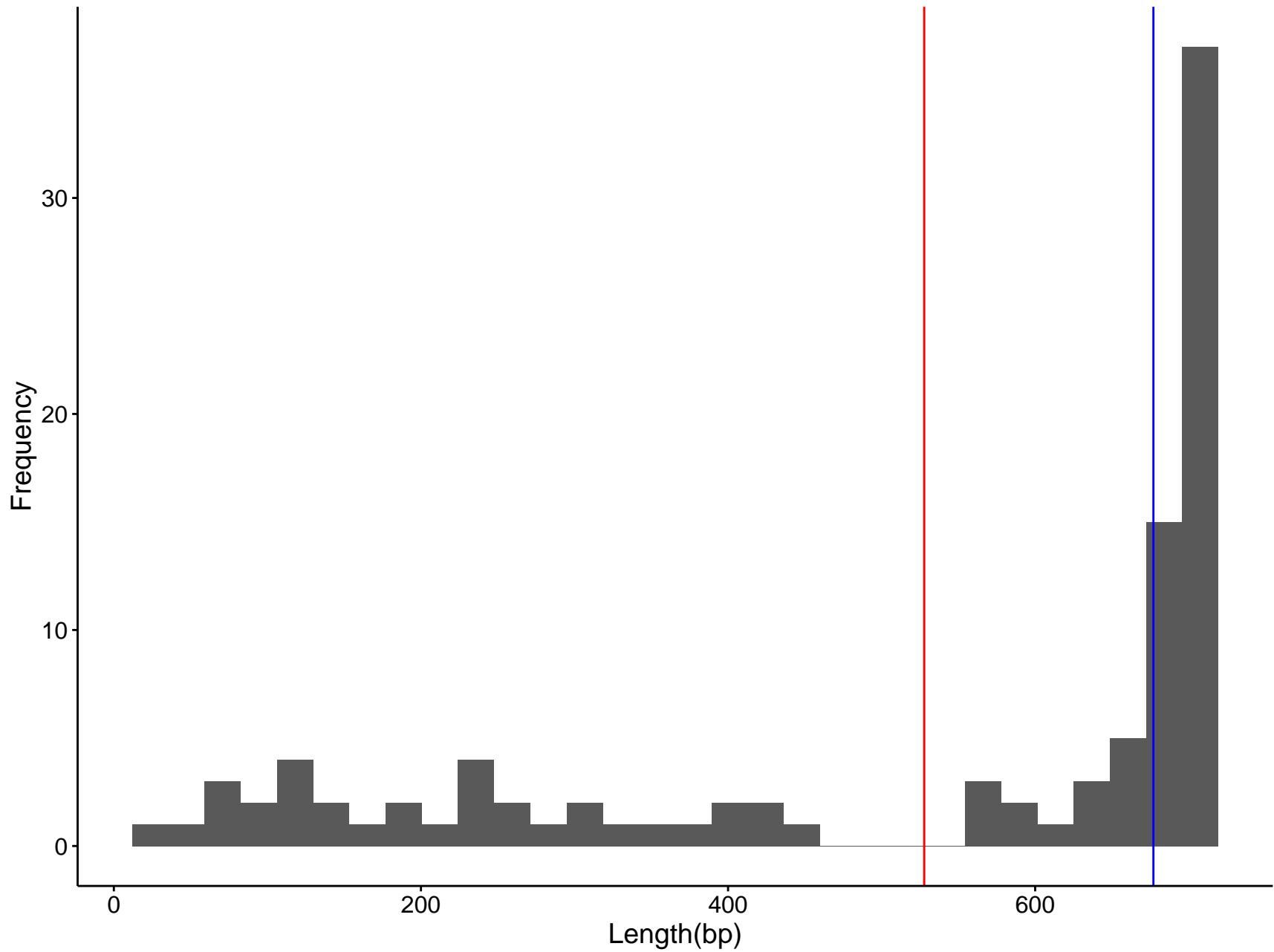
Cluster1618



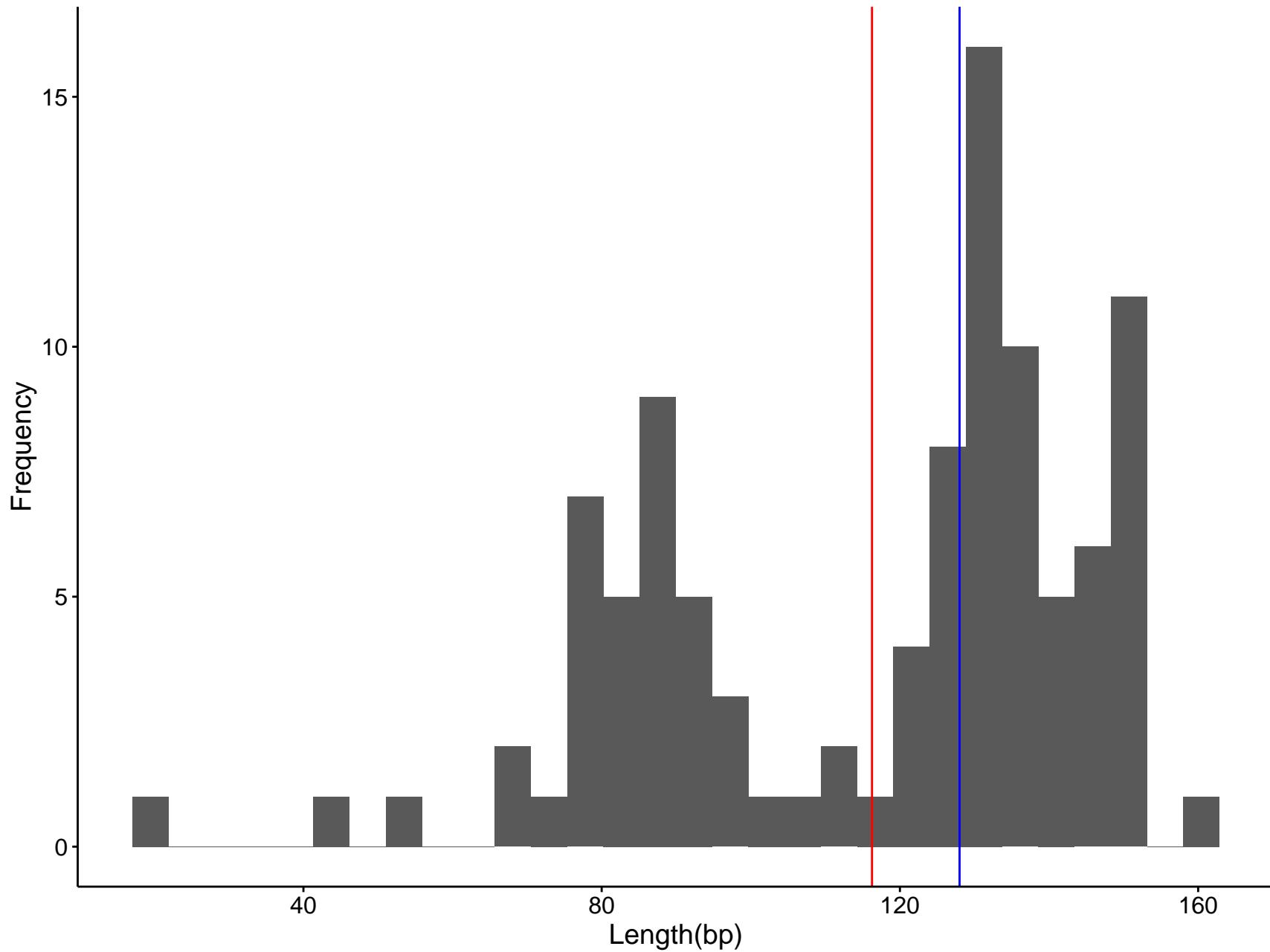
Cluster1619



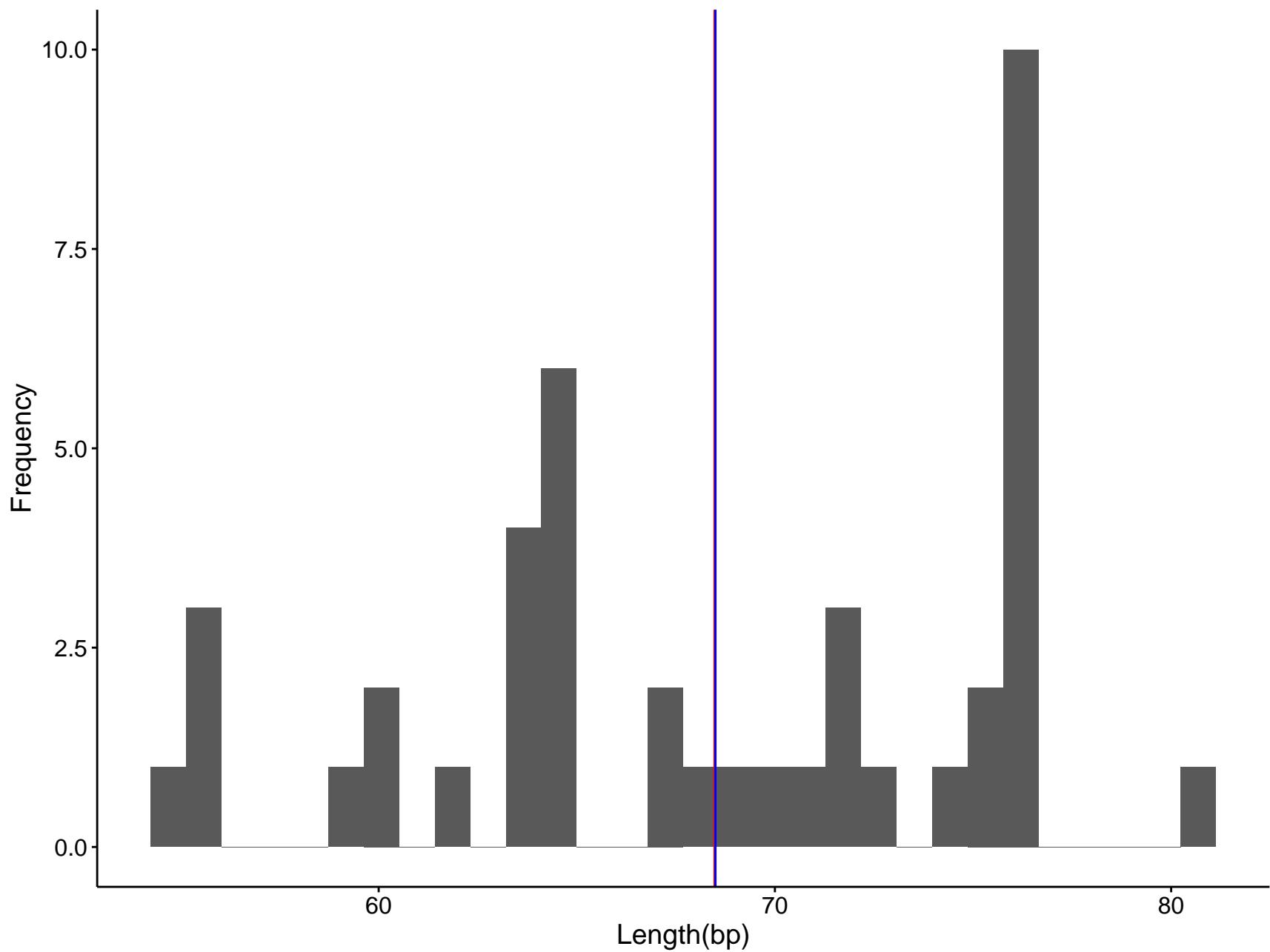
Cluster1620



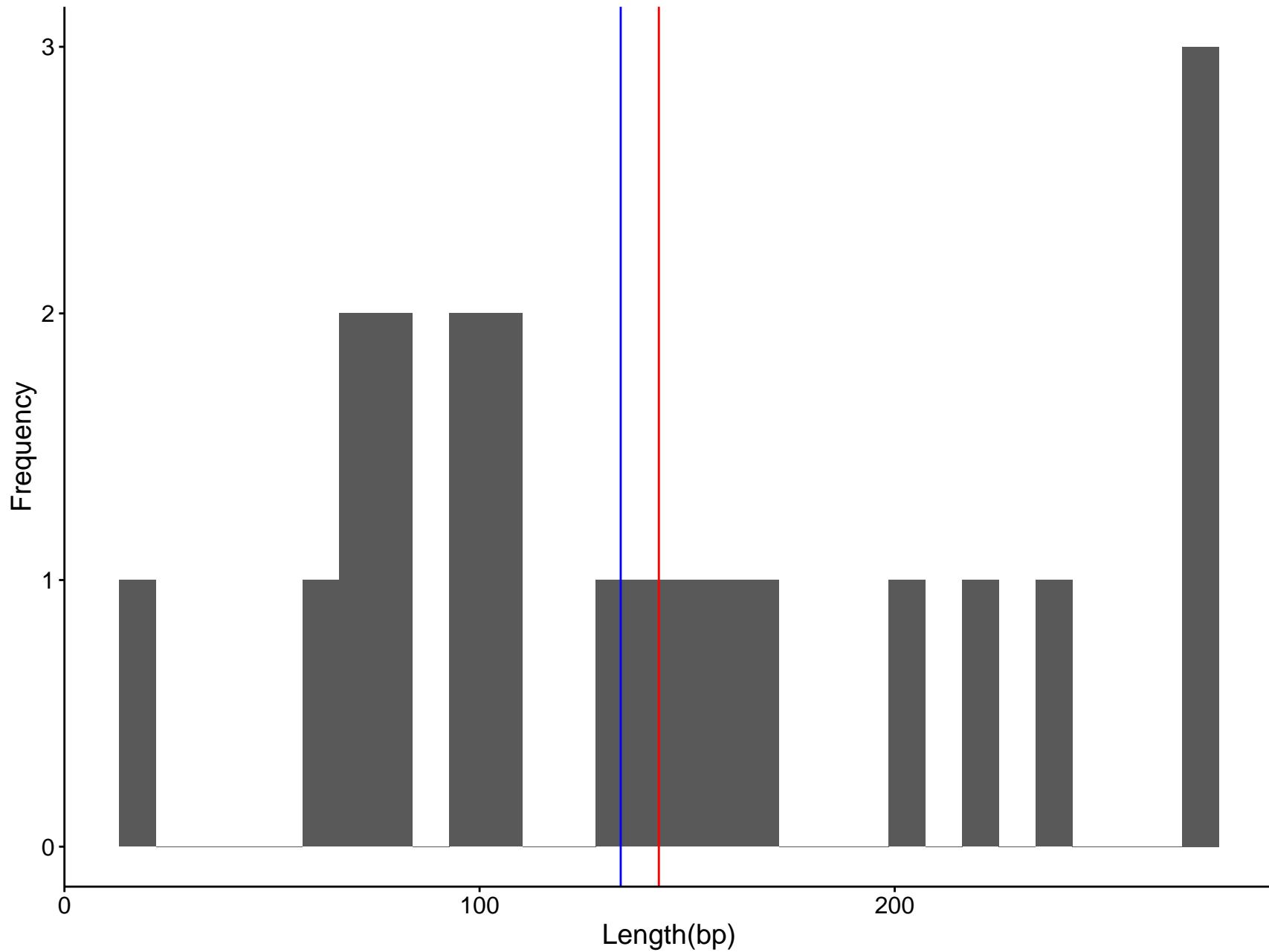
Cluster1621



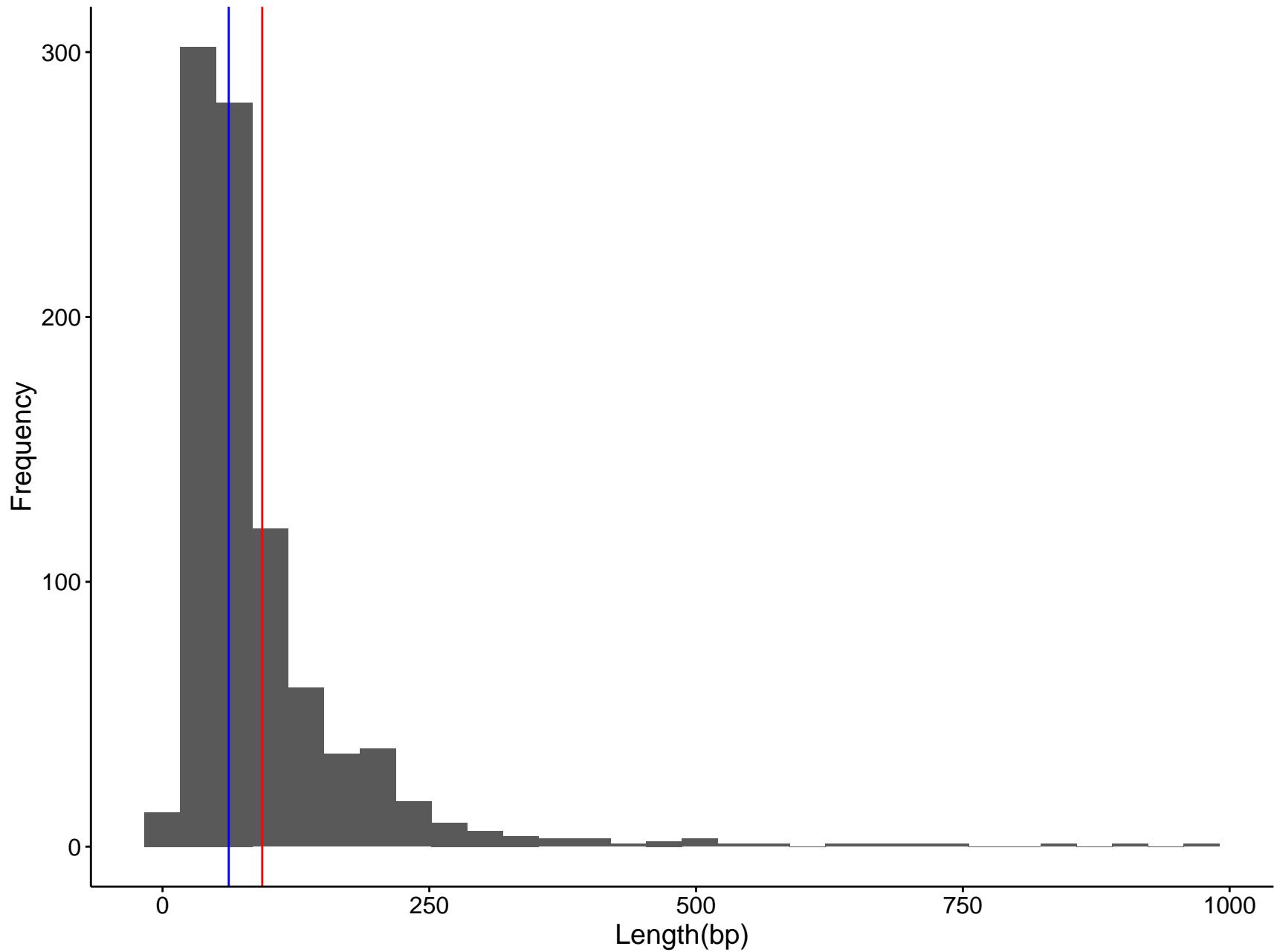
Cluster1624



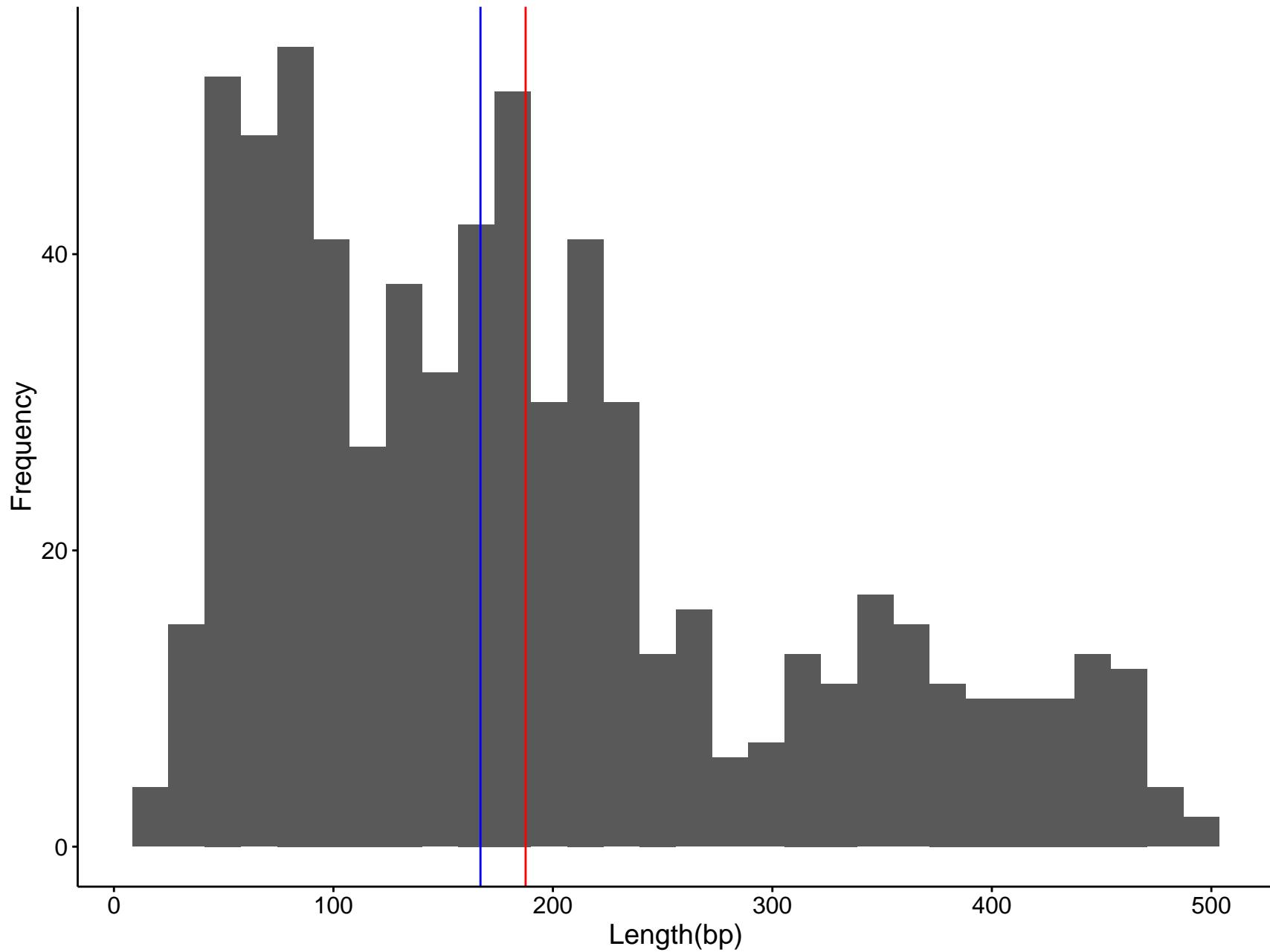
Cluster1625



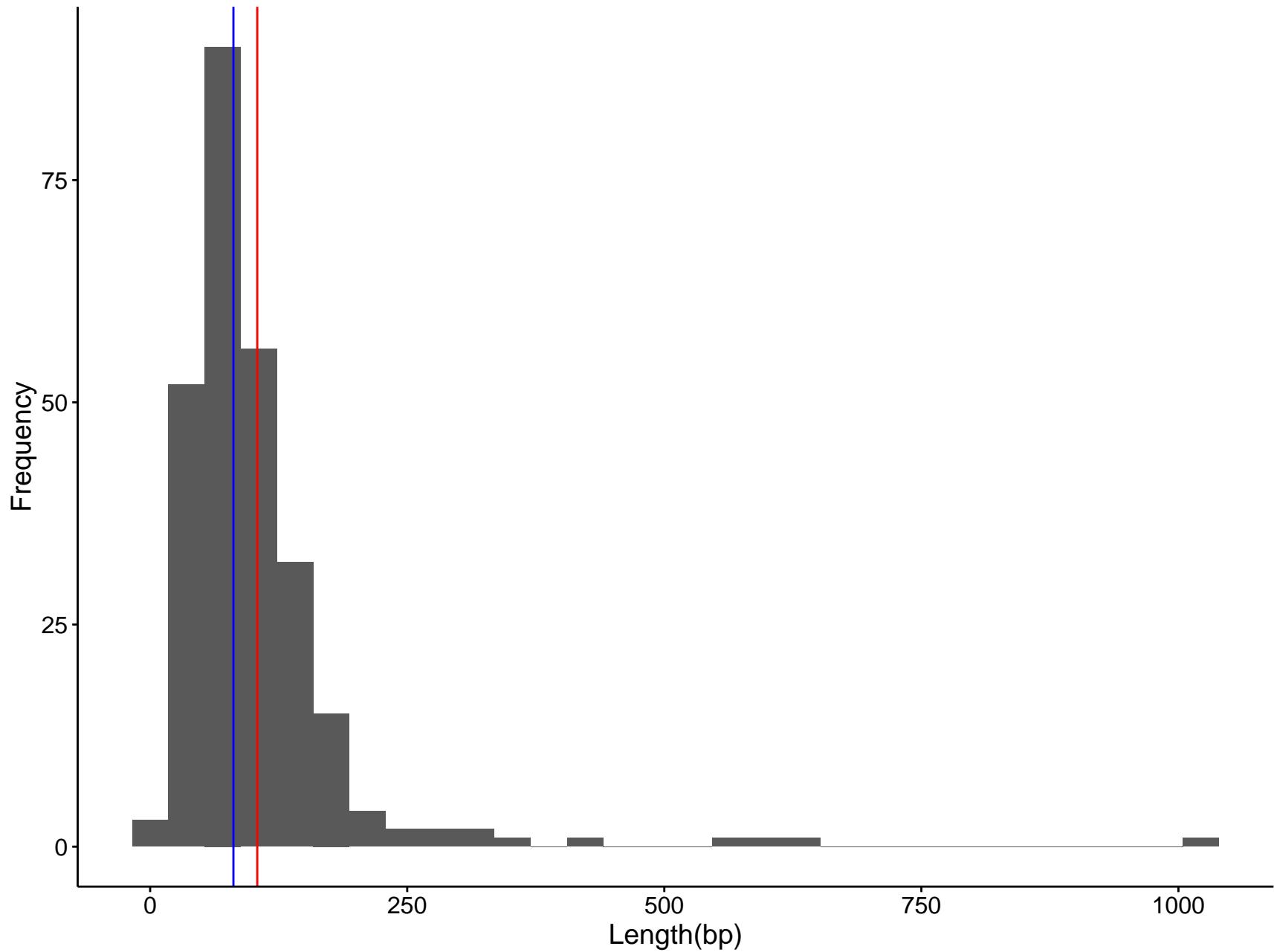
Cluster1626



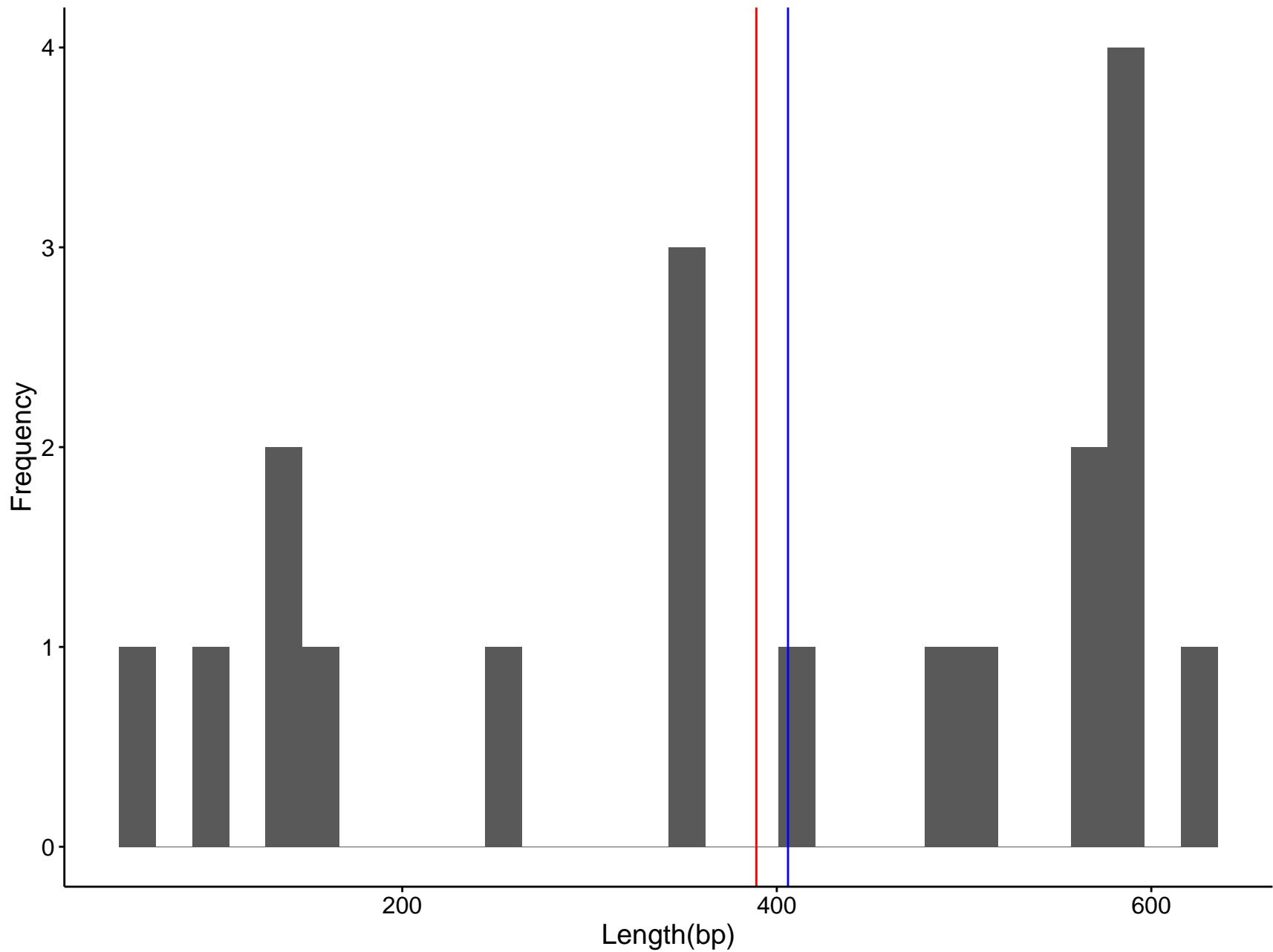
Cluster1627



Cluster1628



Cluster1629



Cluster162

Frequency

611.950

611.975

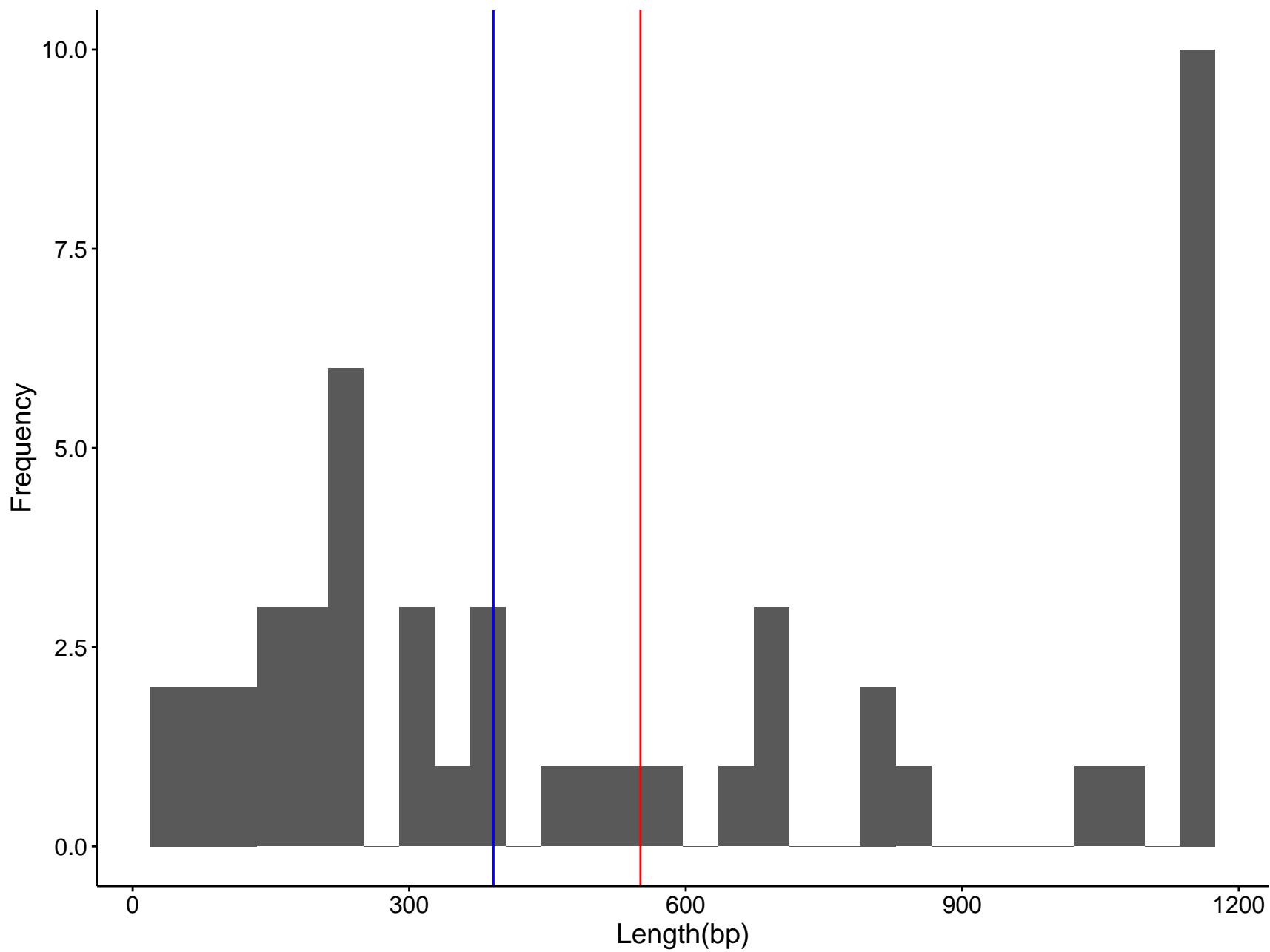
612.000

612.025

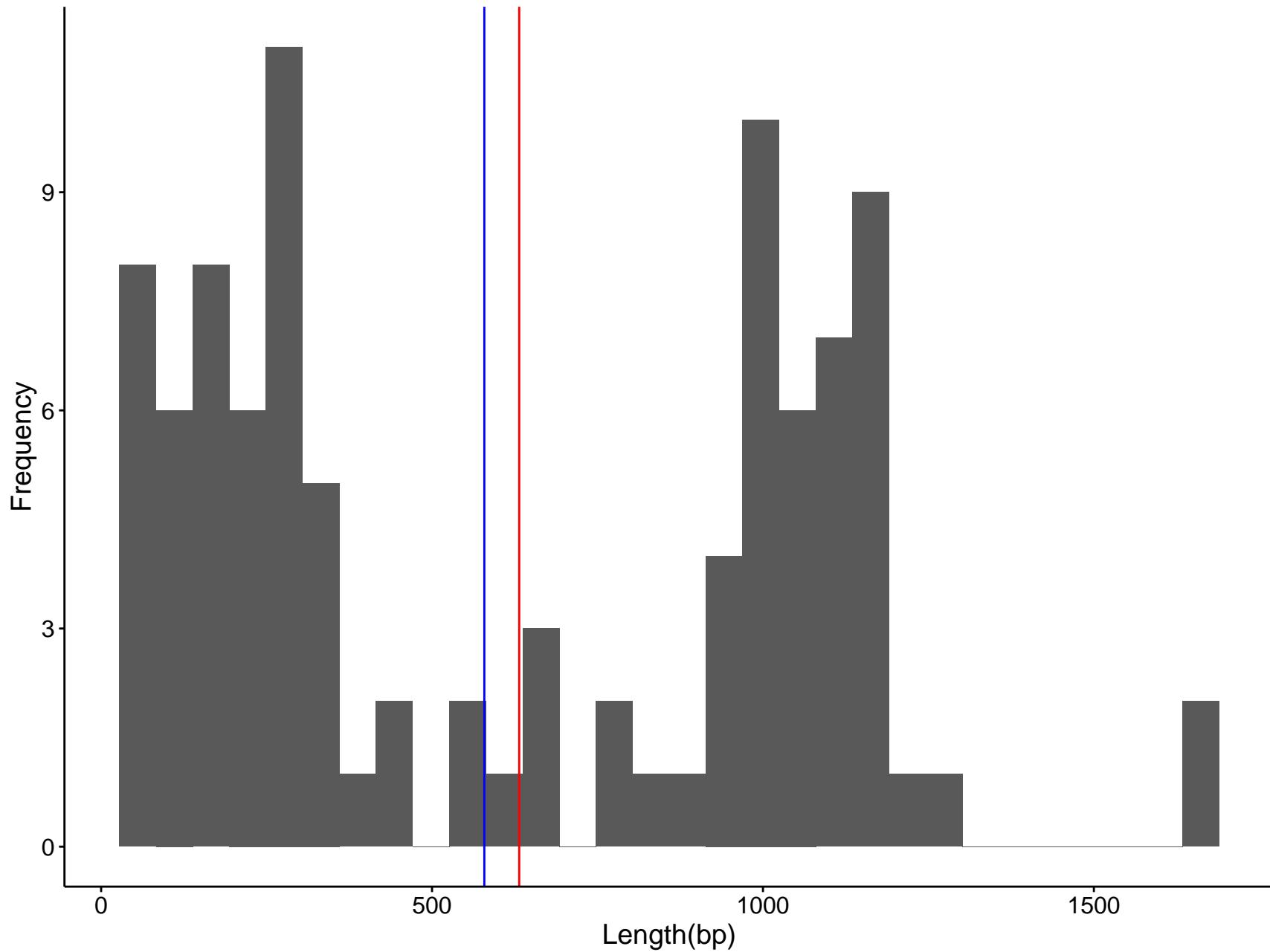
Length(bp)



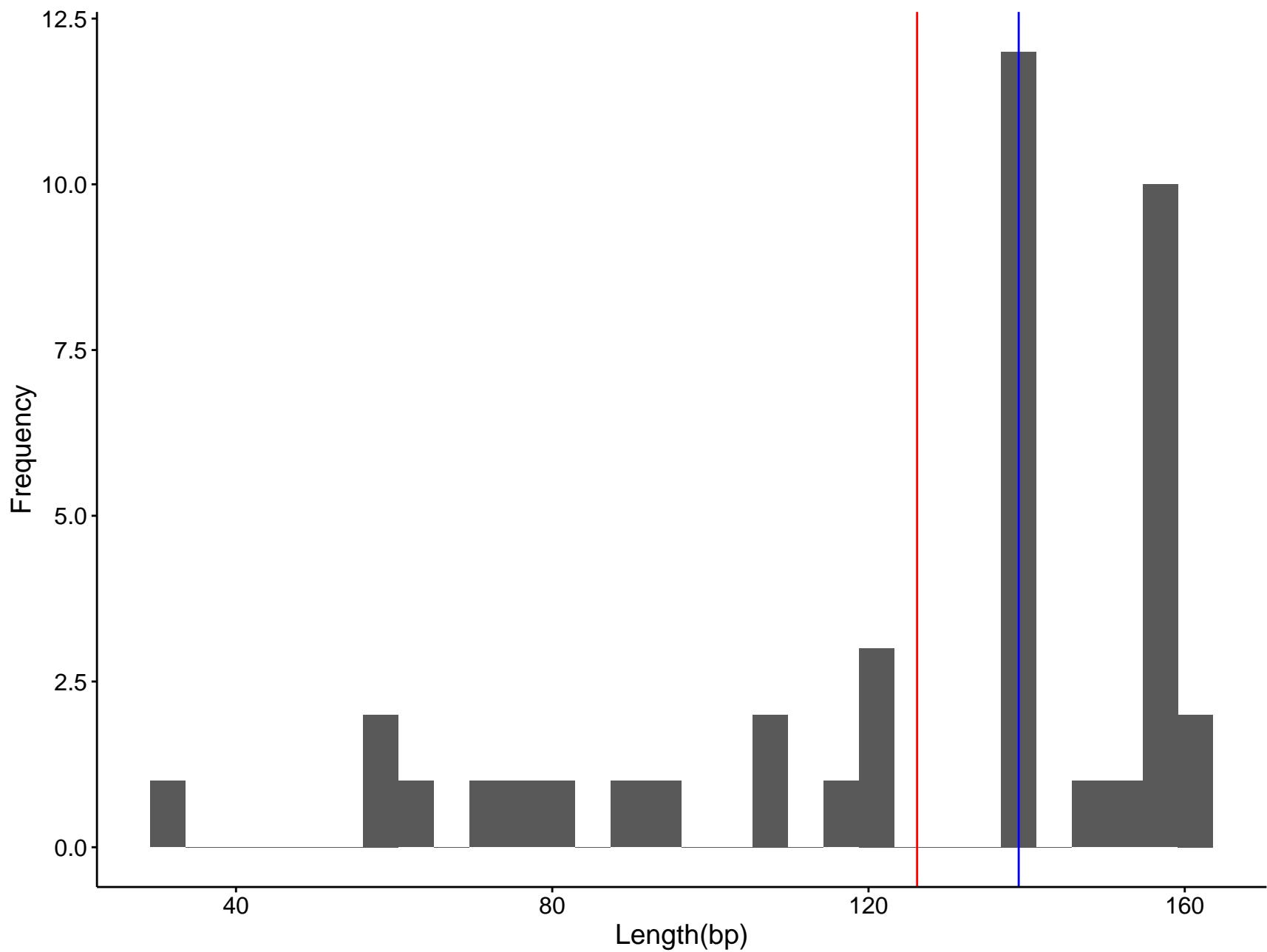
Cluster1630



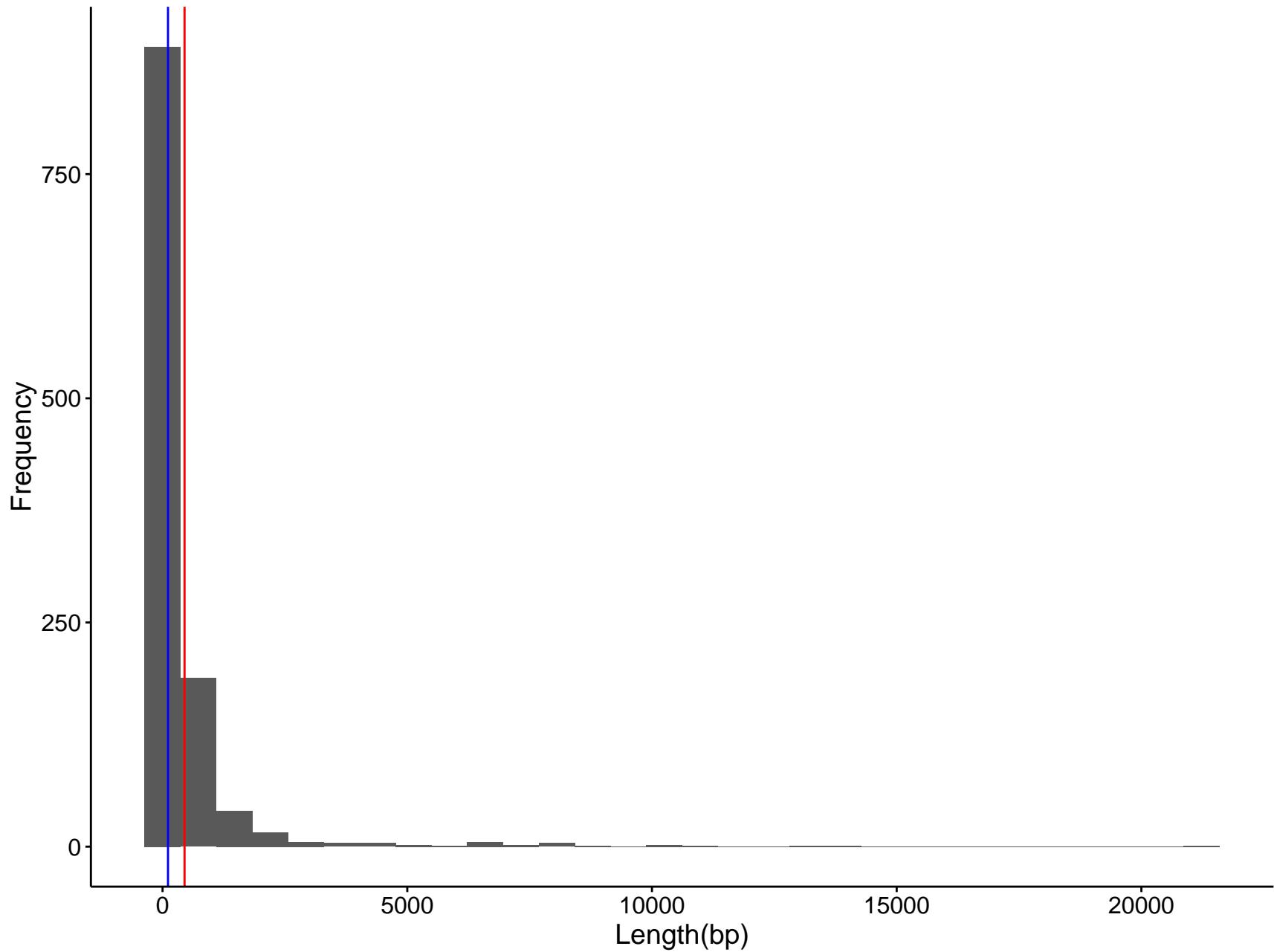
Cluster1631



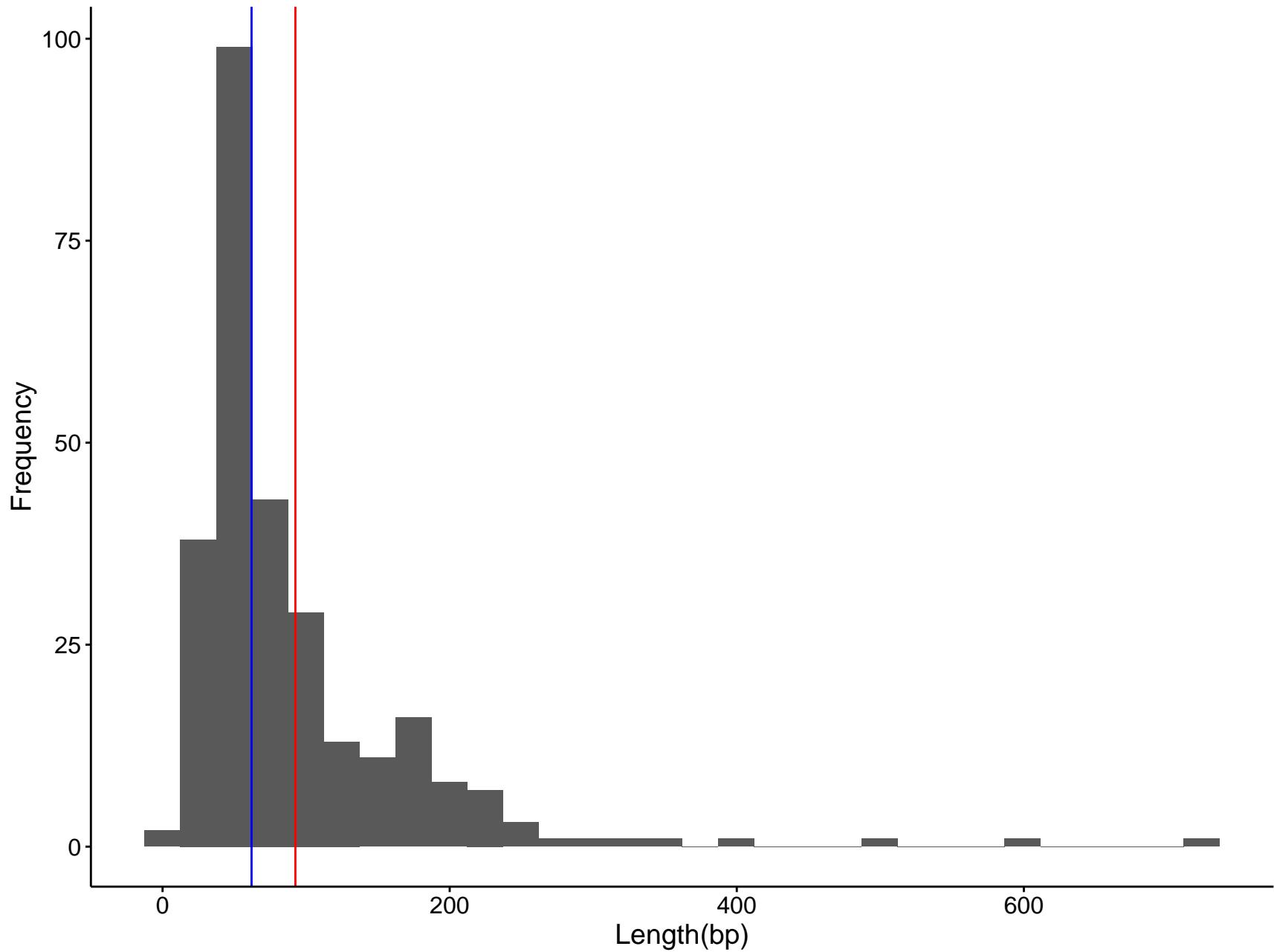
Cluster1632



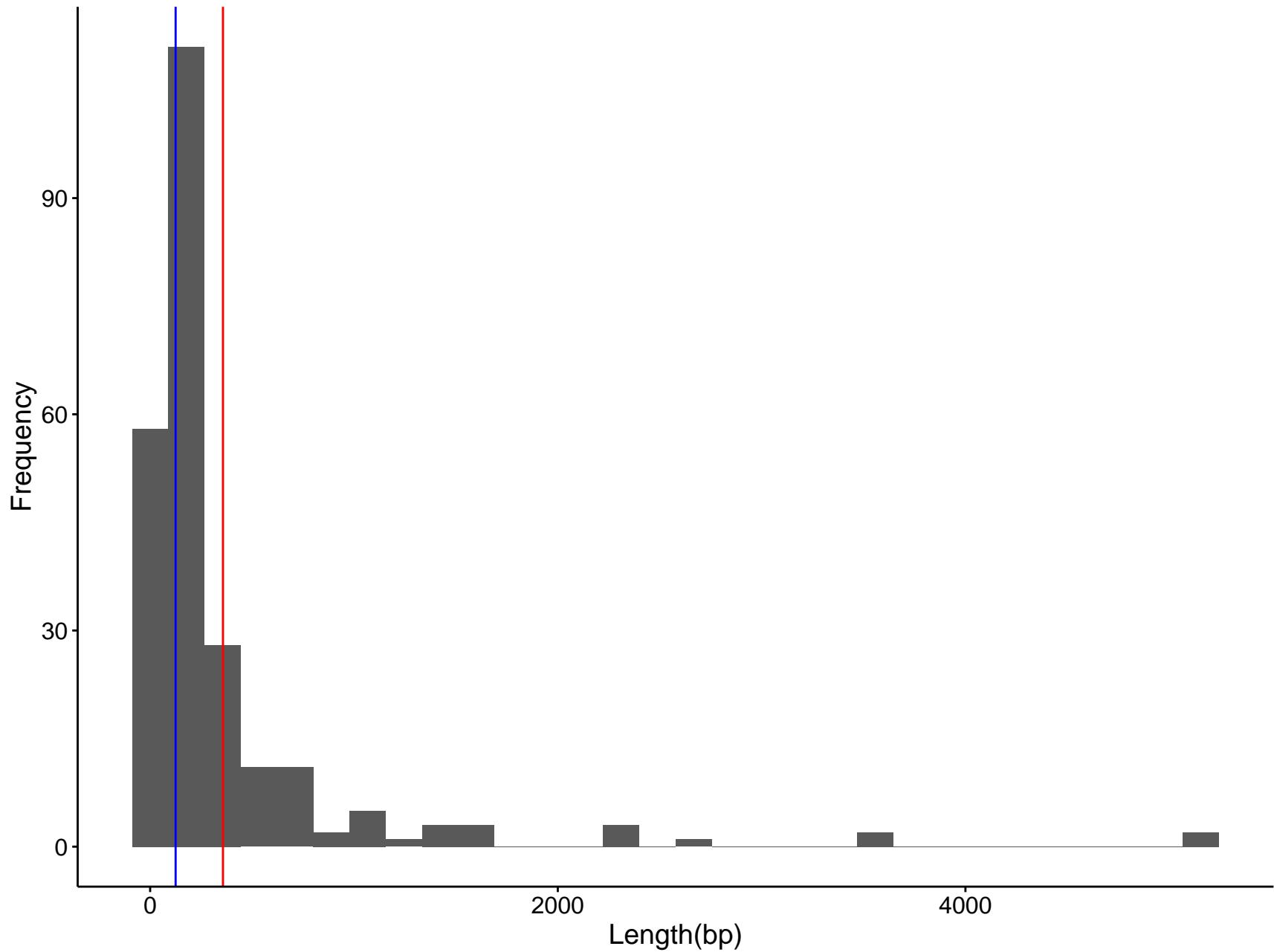
Cluster1633



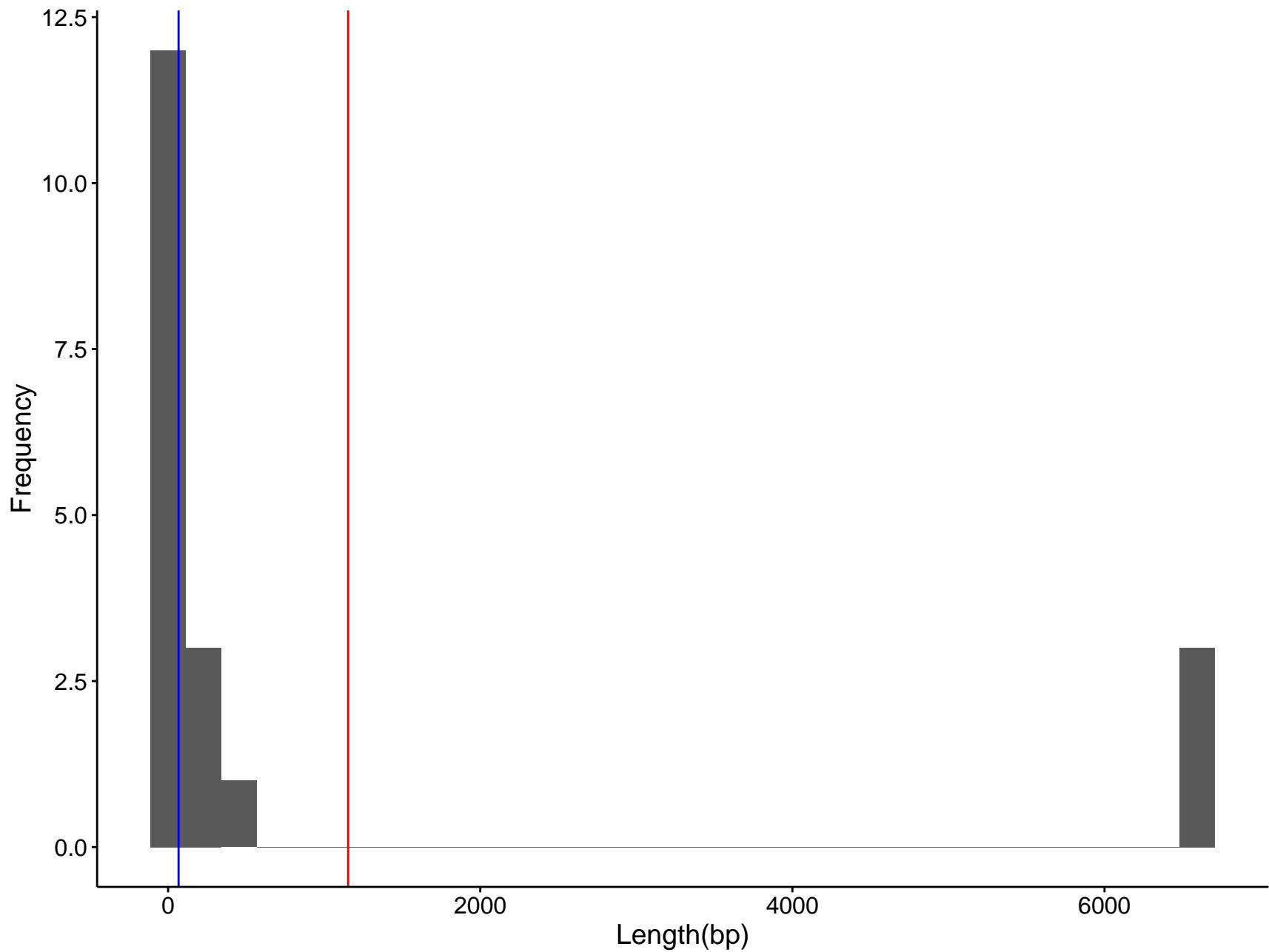
Cluster1634



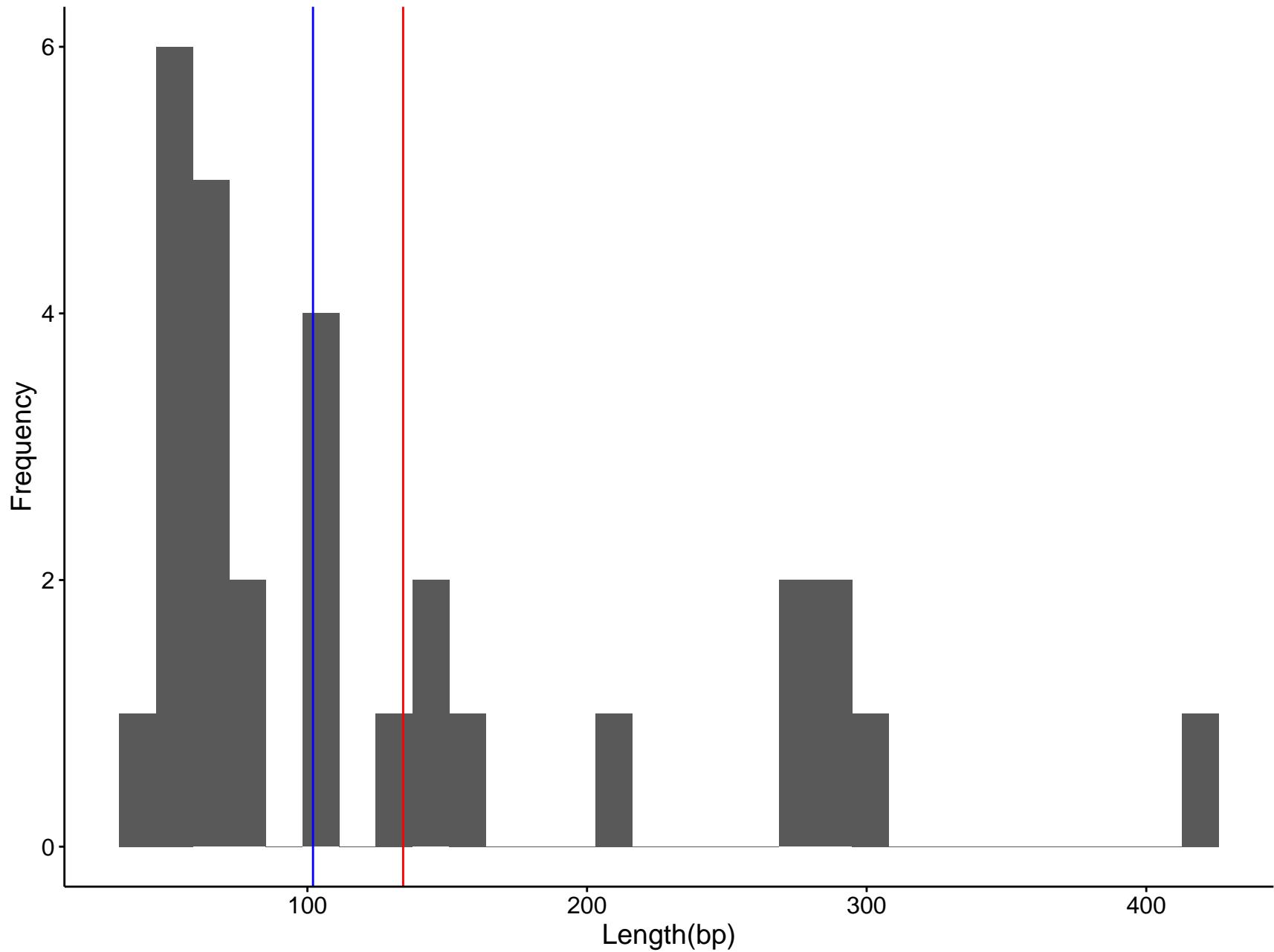
Cluster1635



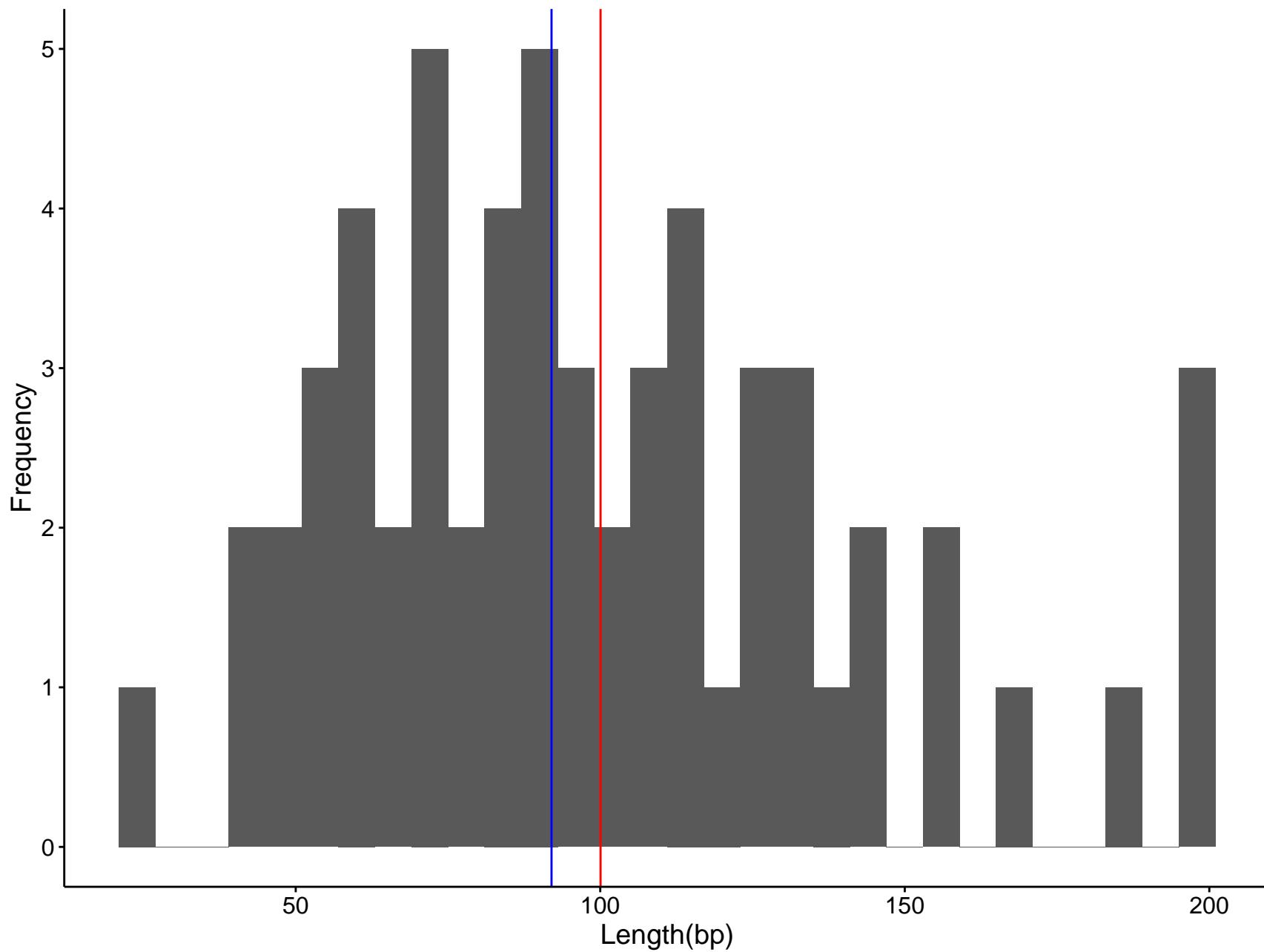
Cluster1636



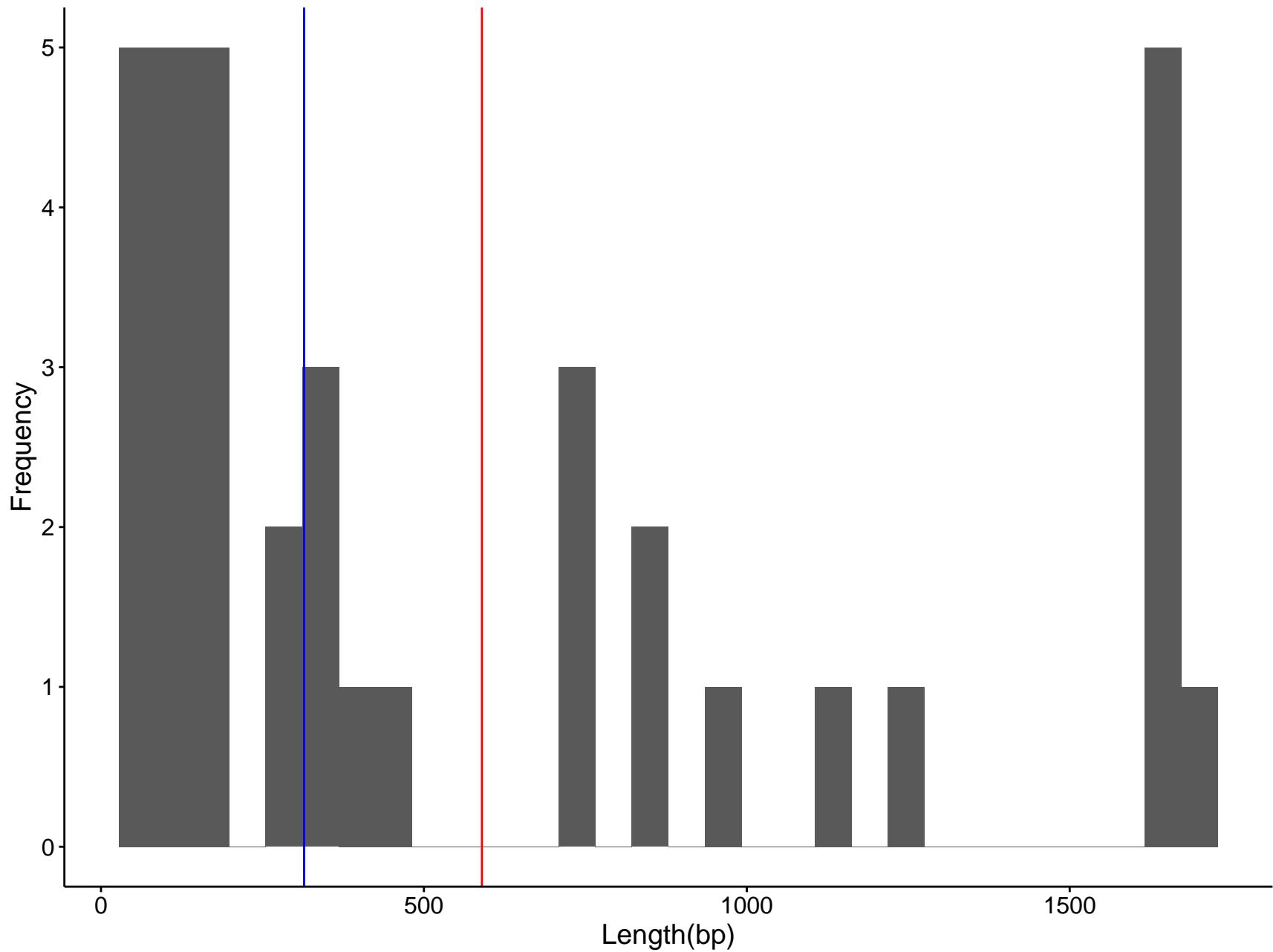
Cluster1638



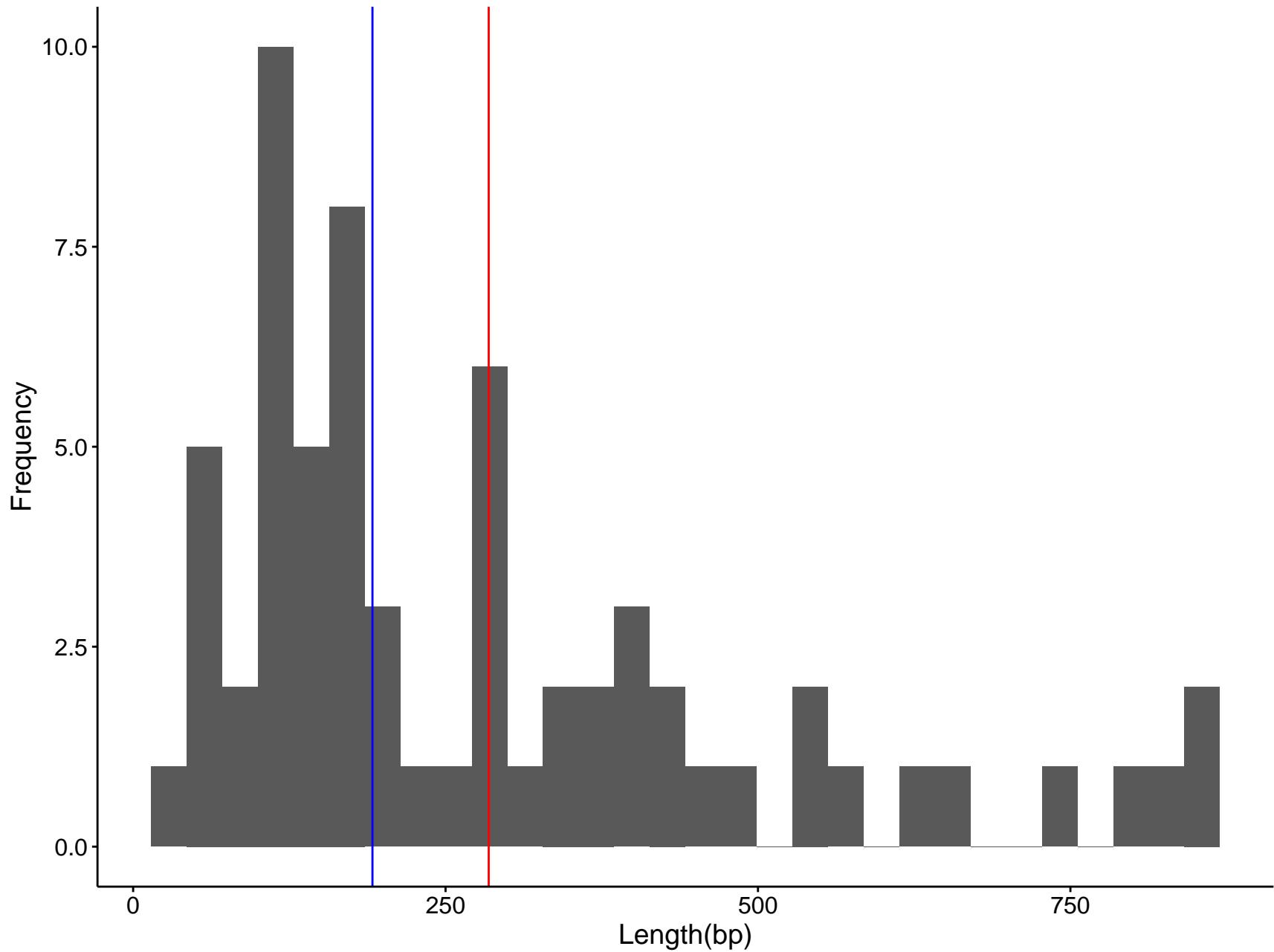
Cluster1639



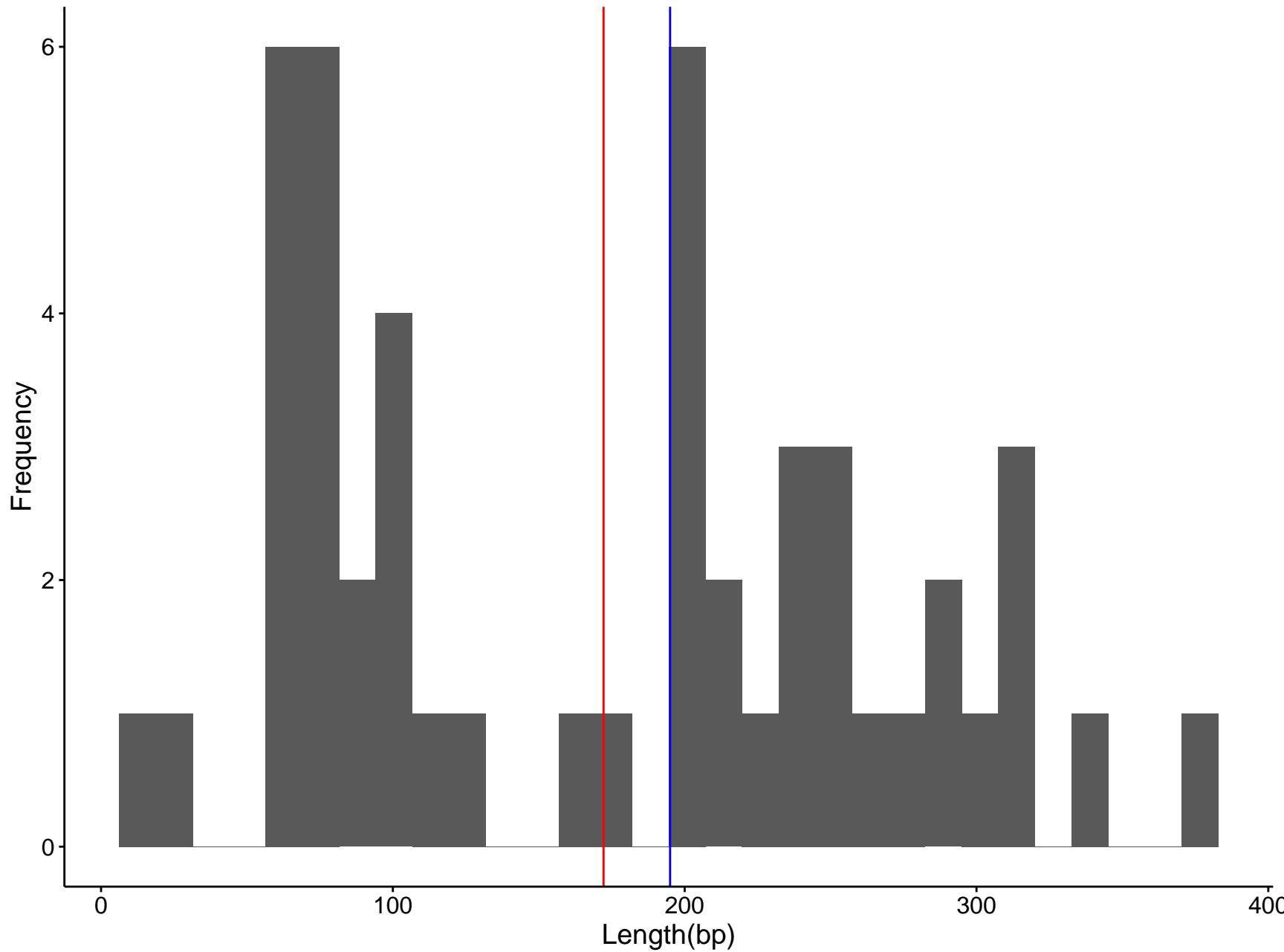
Cluster1640



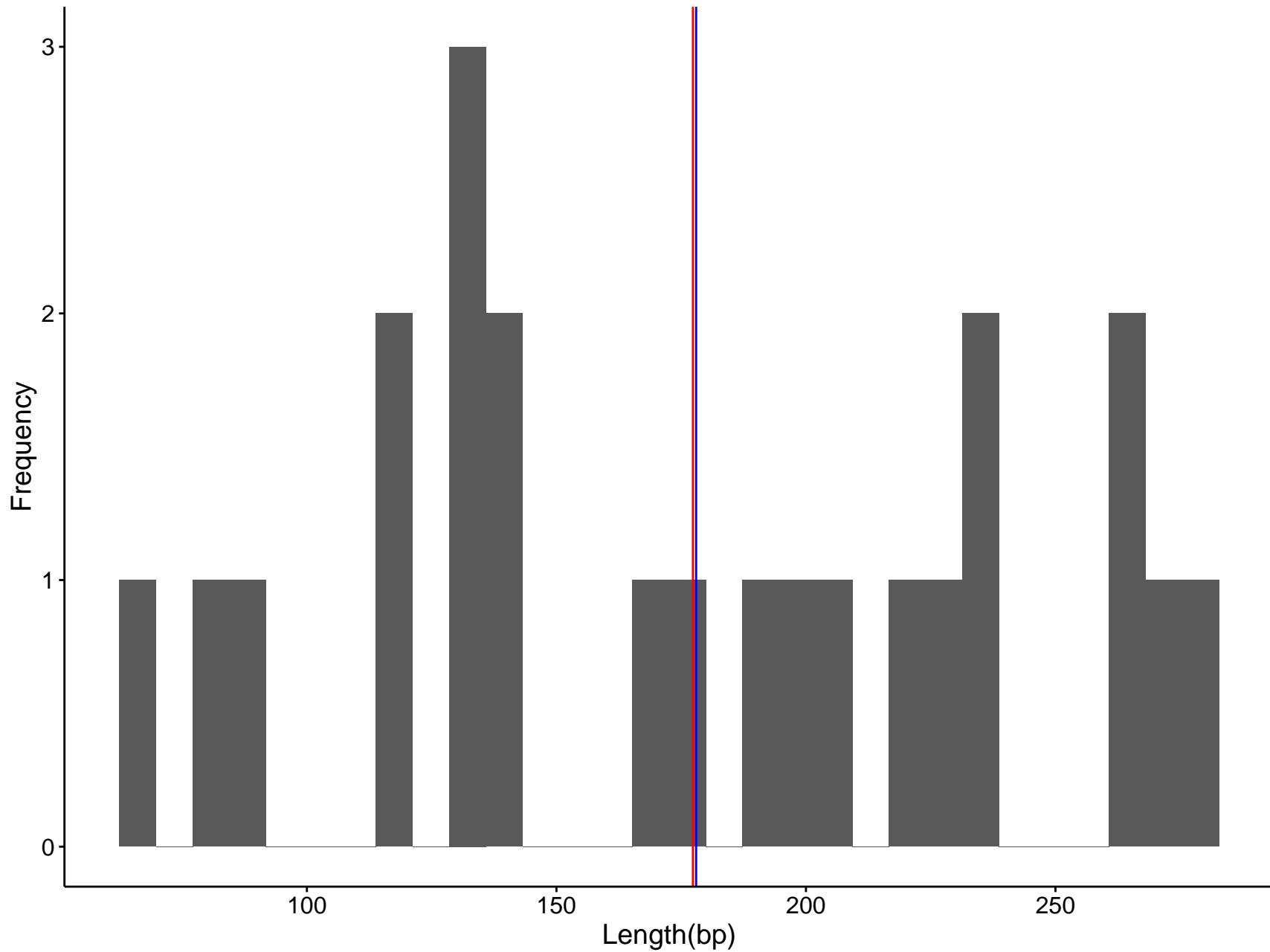
Cluster1641



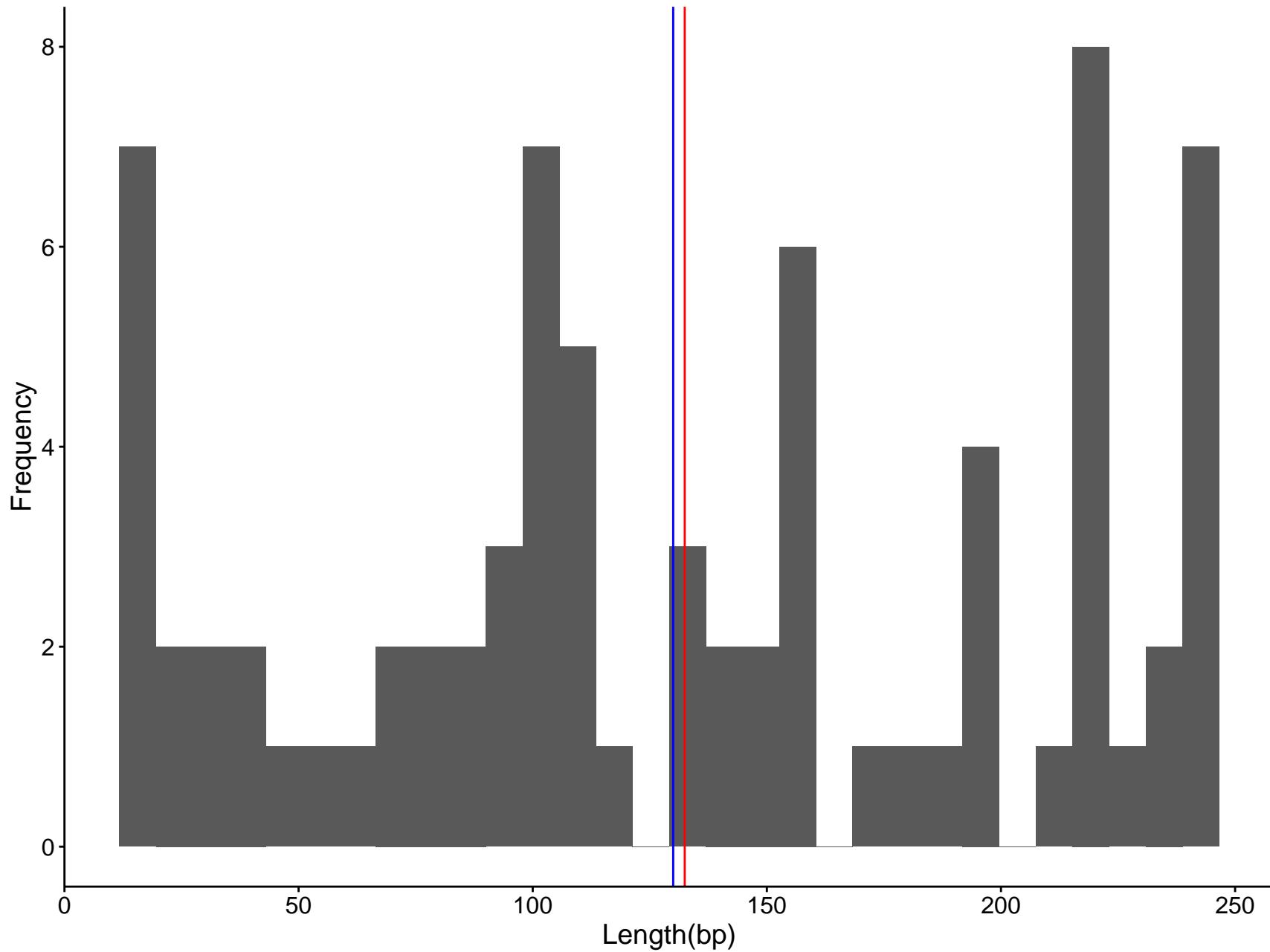
Cluster1642



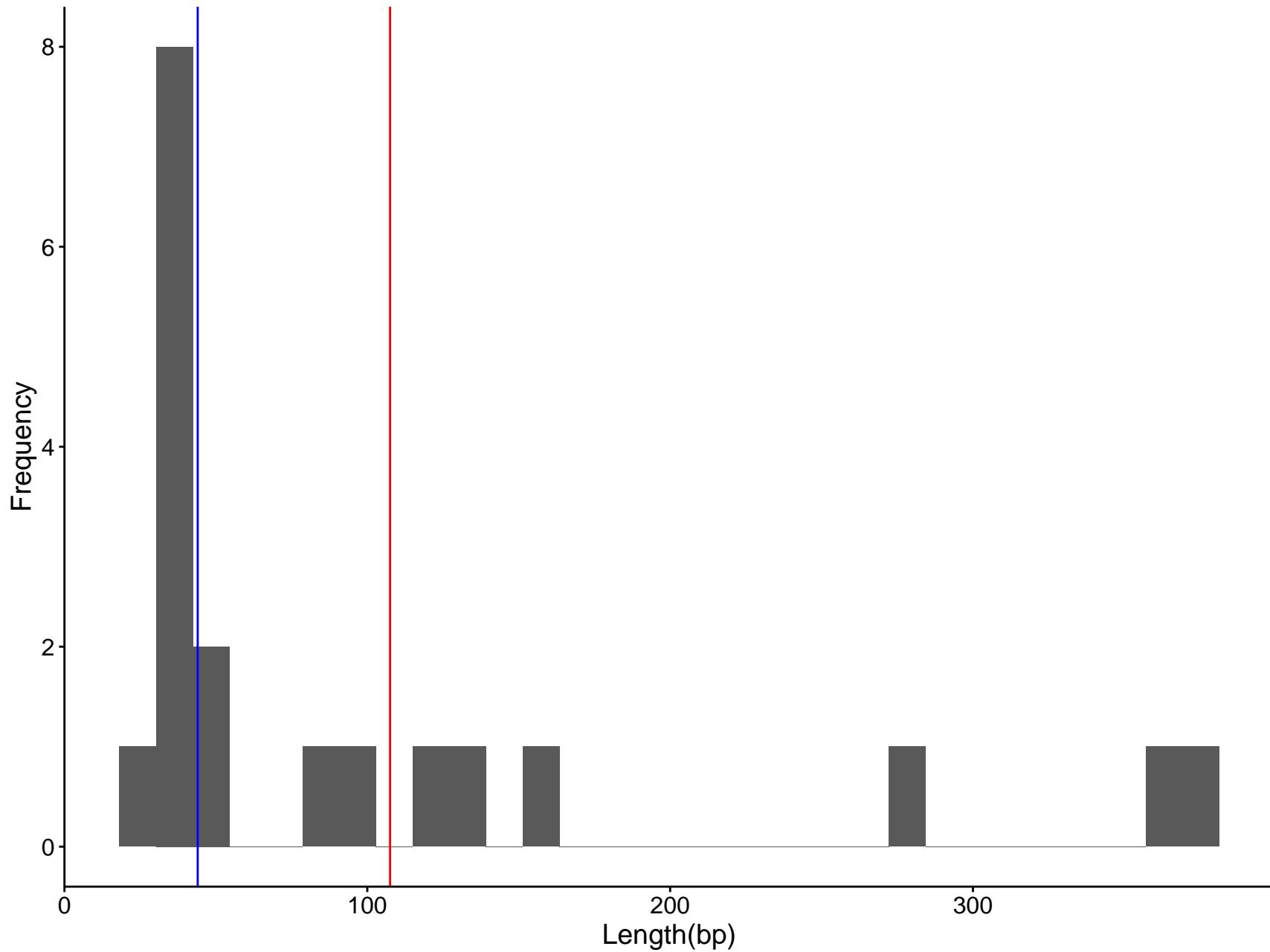
Cluster1643



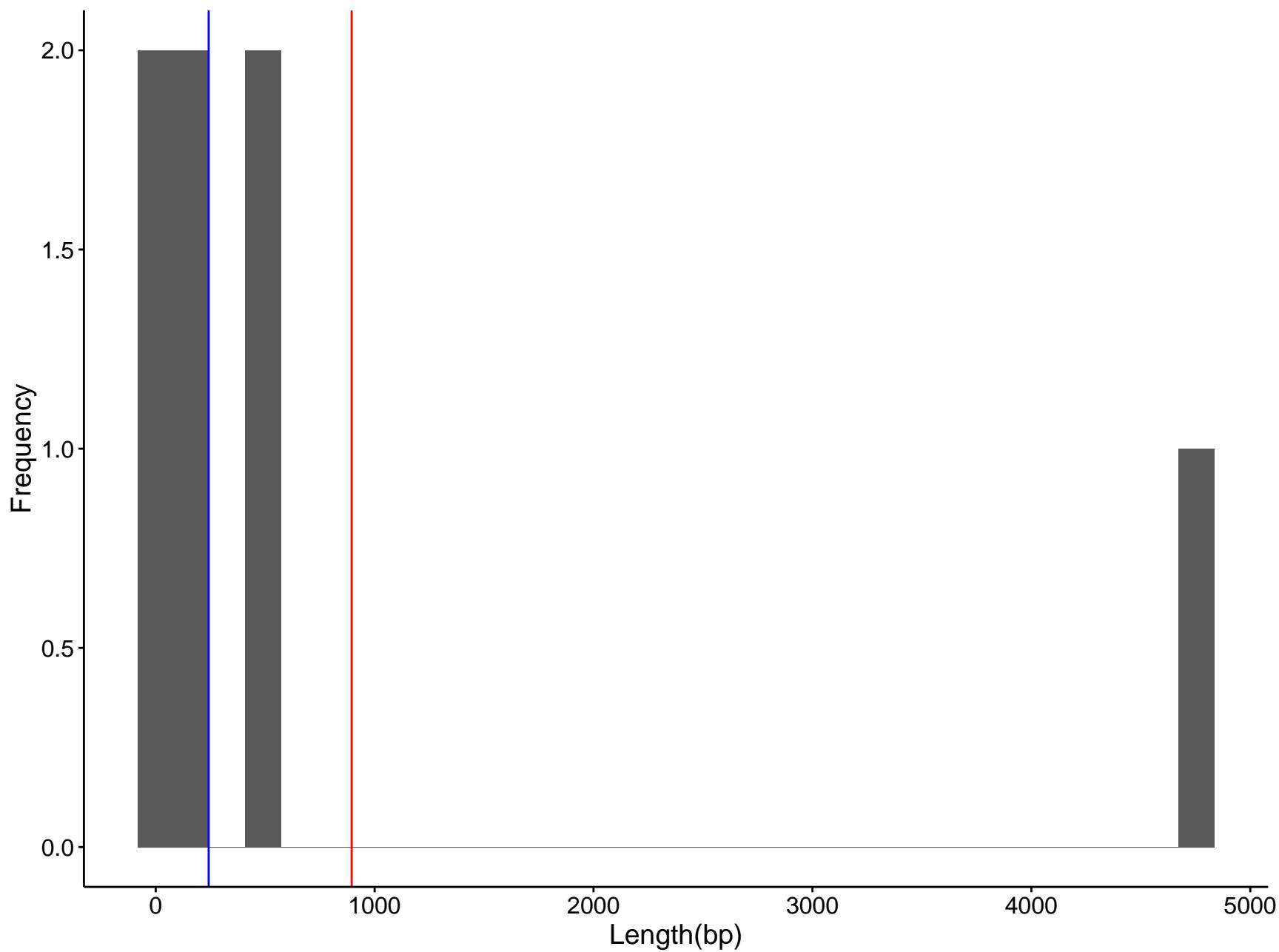
Cluster1645



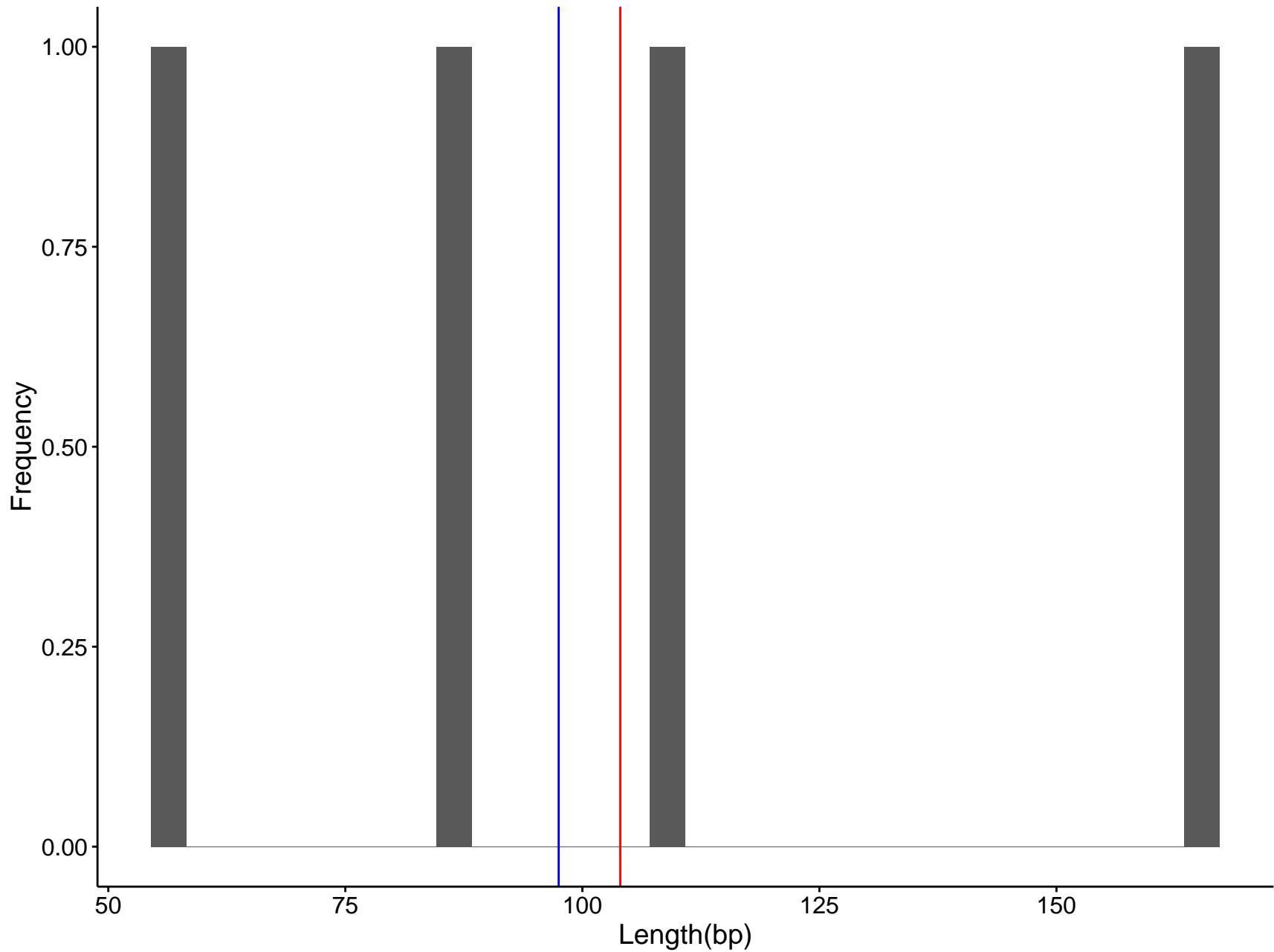
Cluster1646



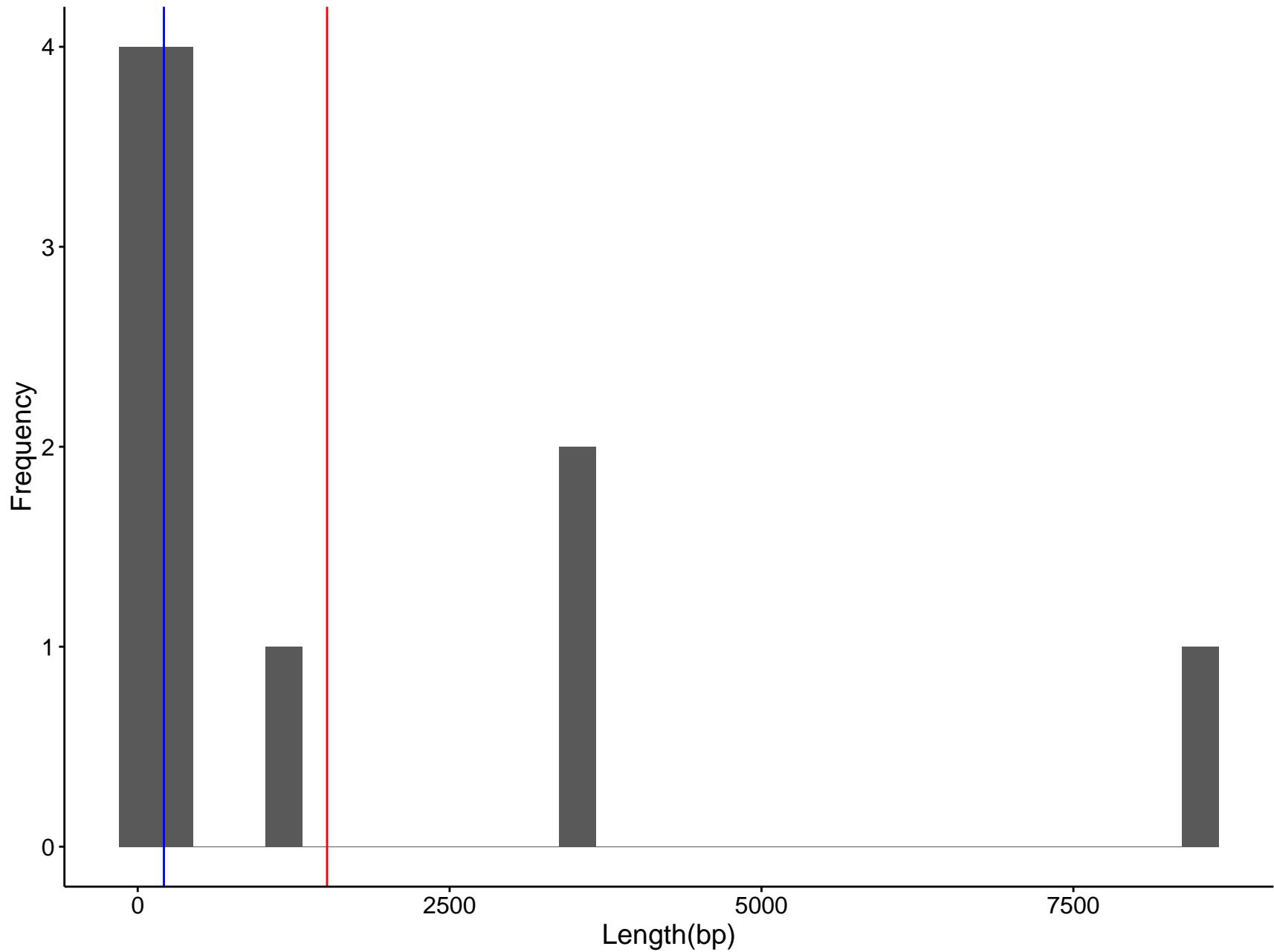
Cluster1649



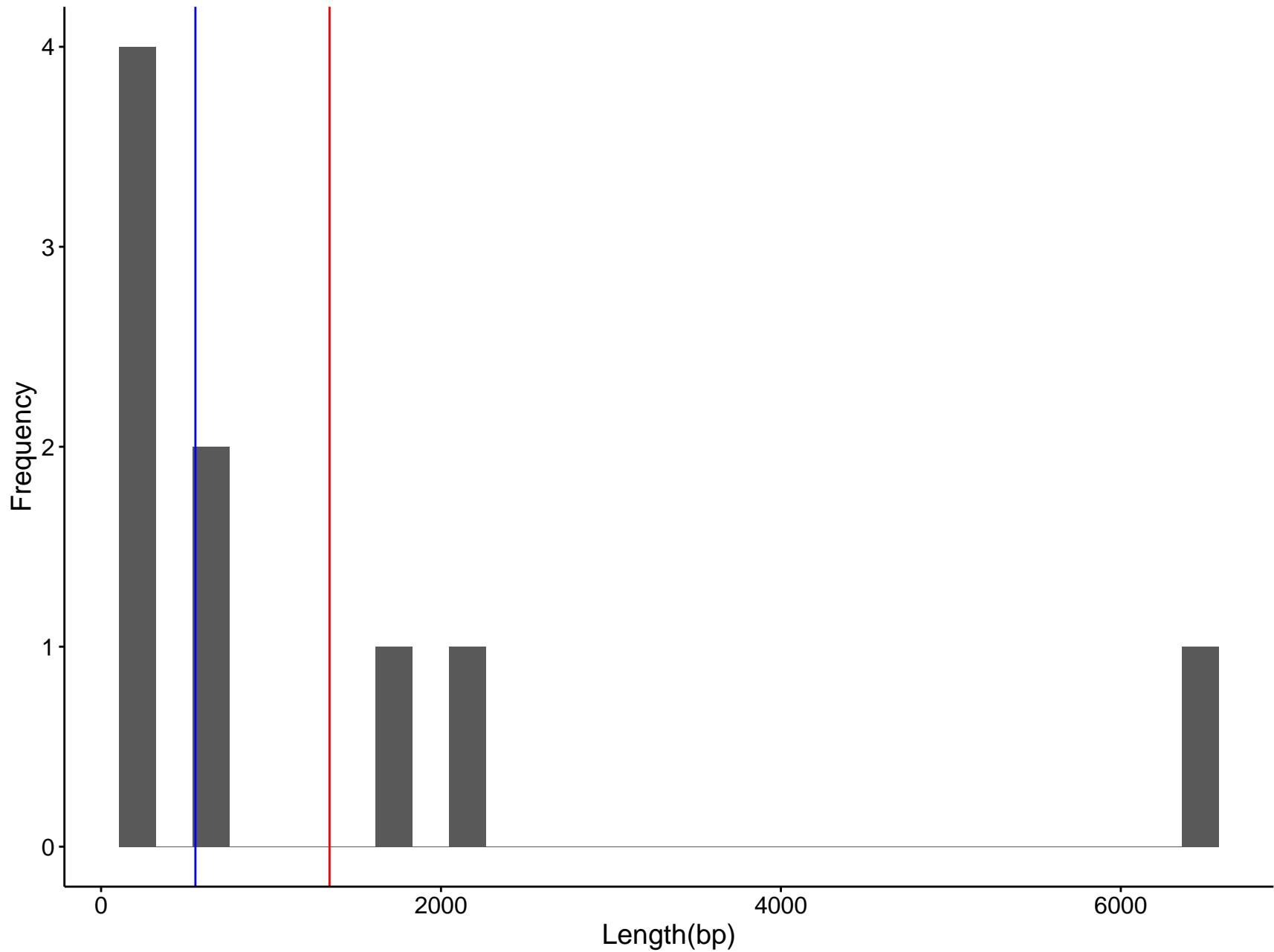
Cluster164



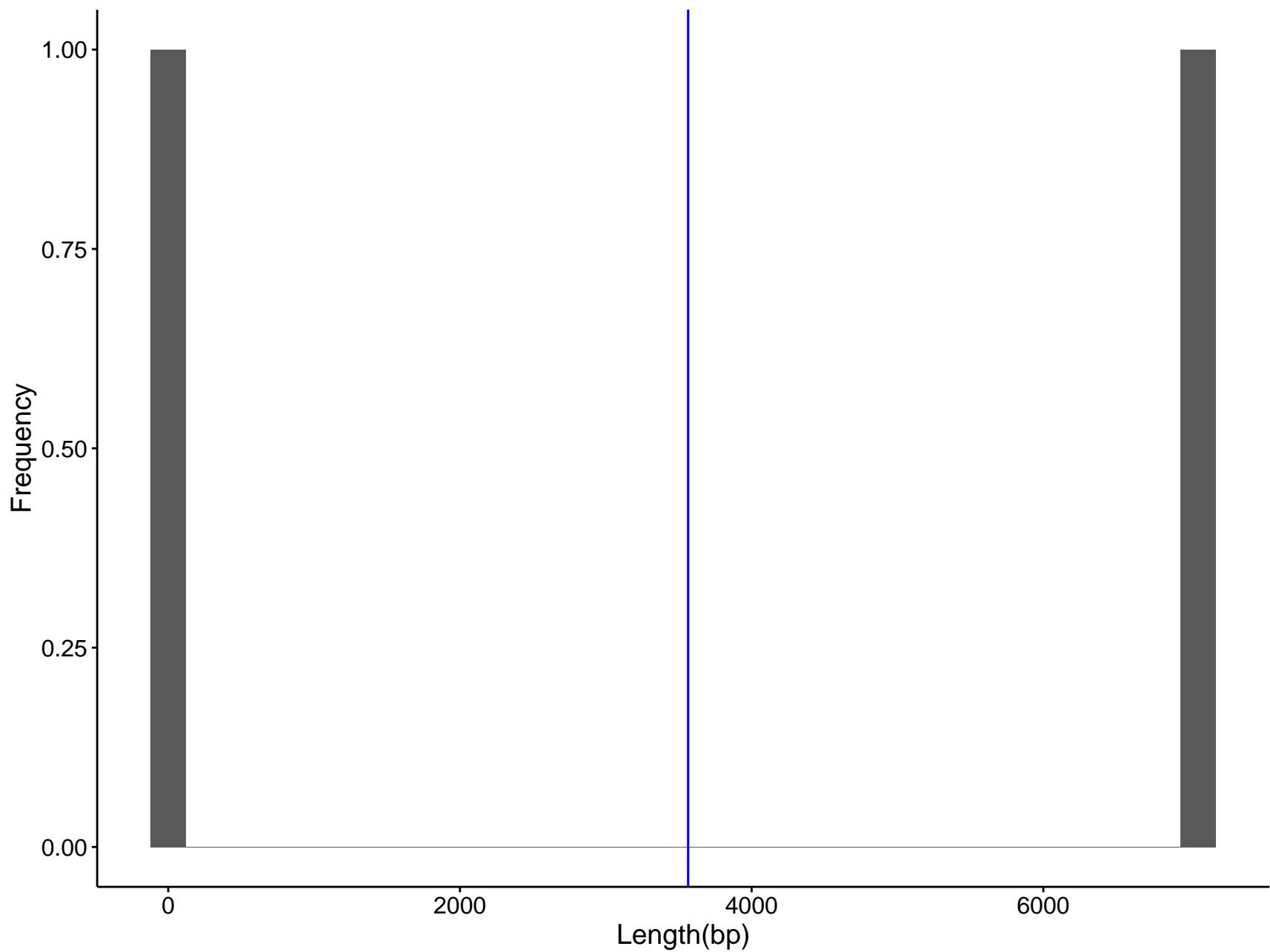
Cluster1650



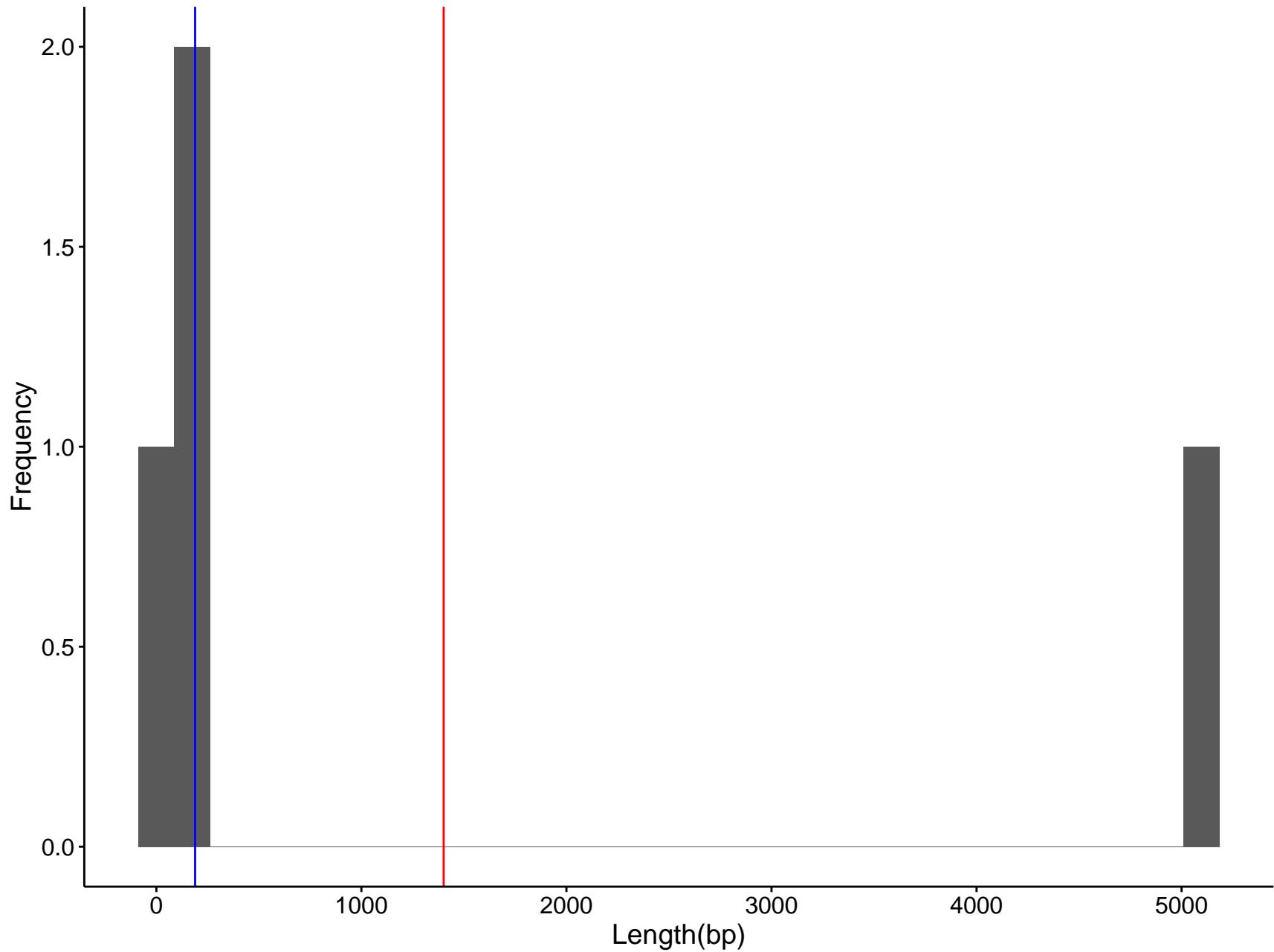
Cluster1651



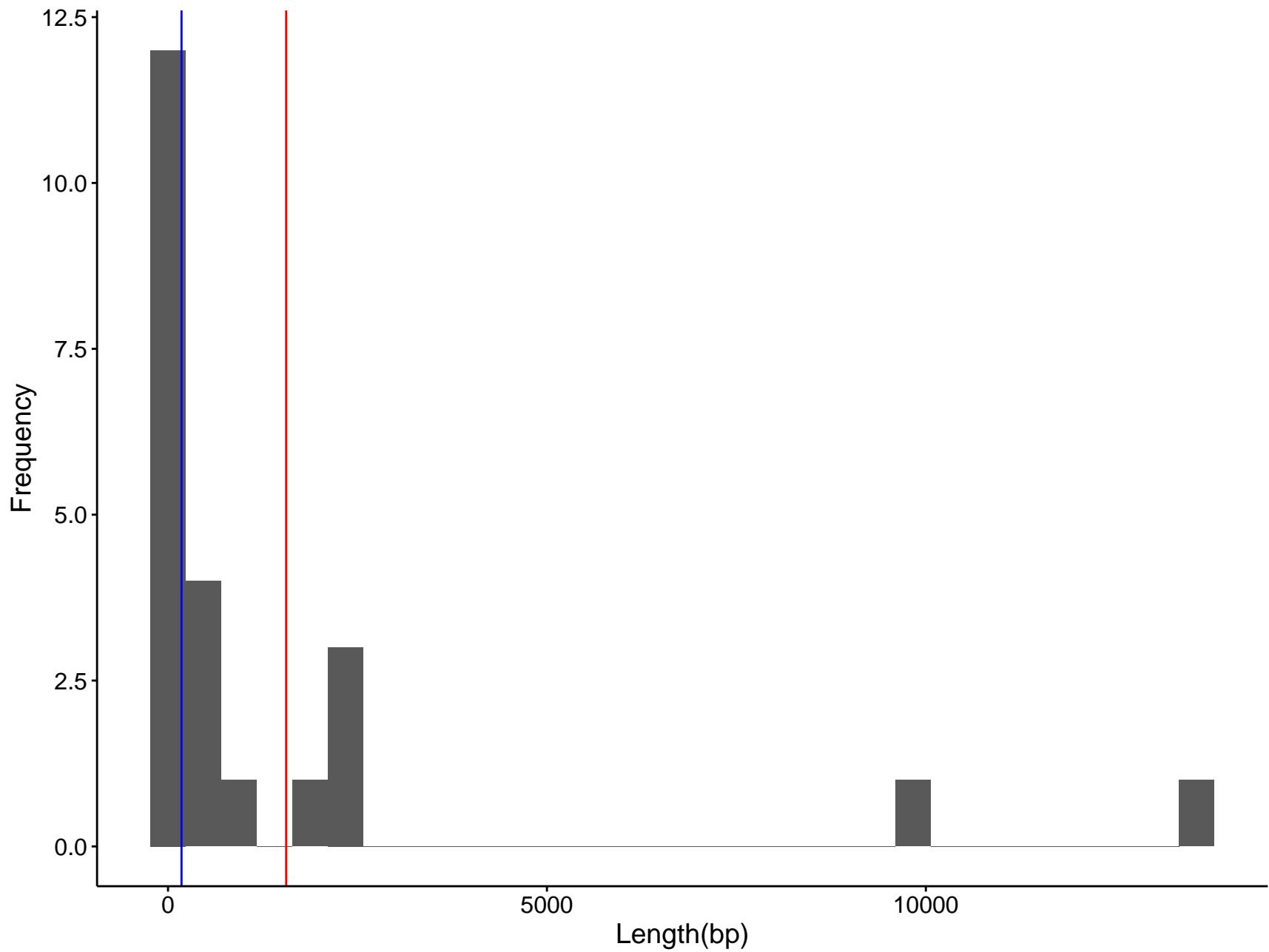
Cluster1652



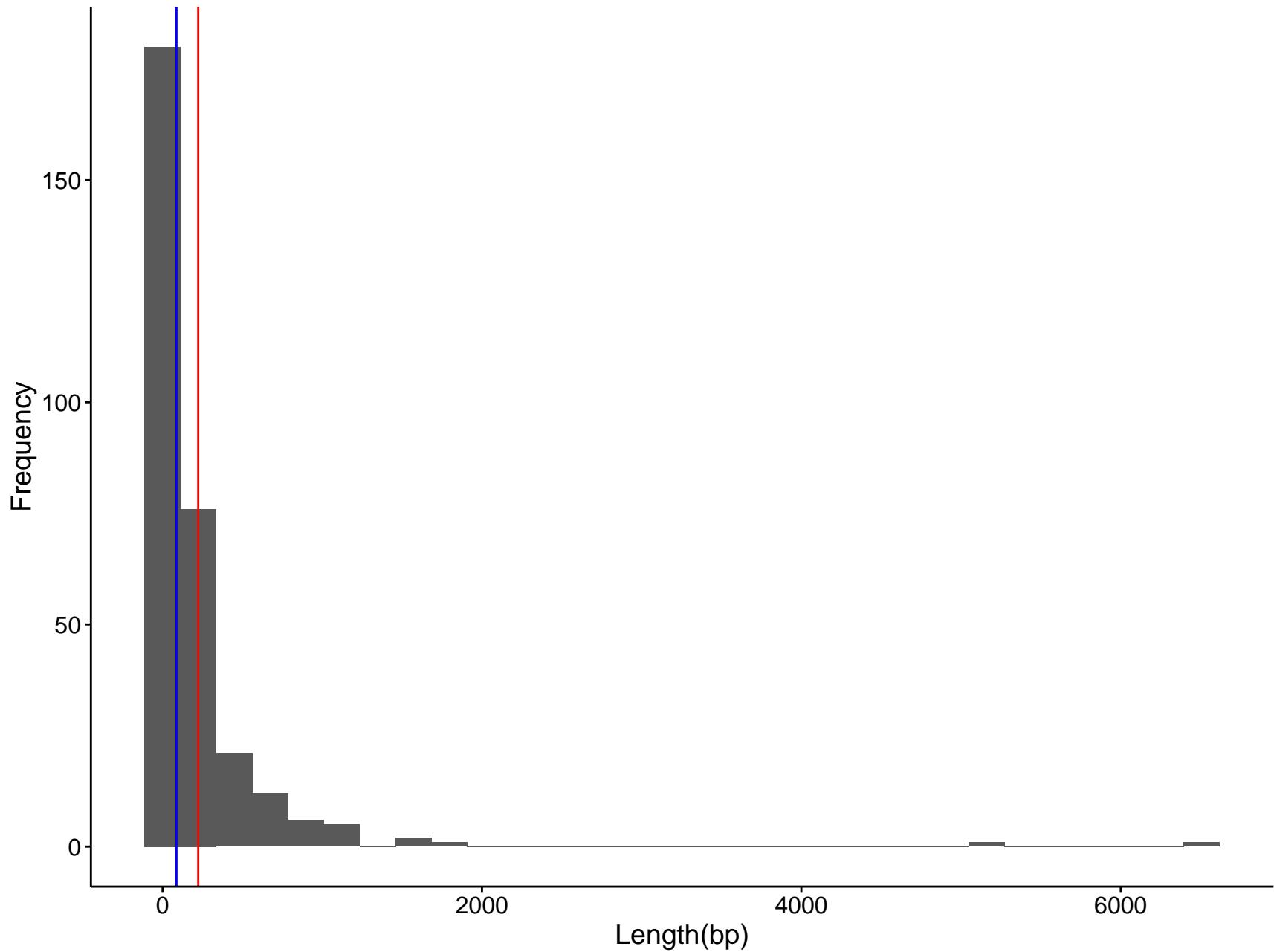
Cluster1653



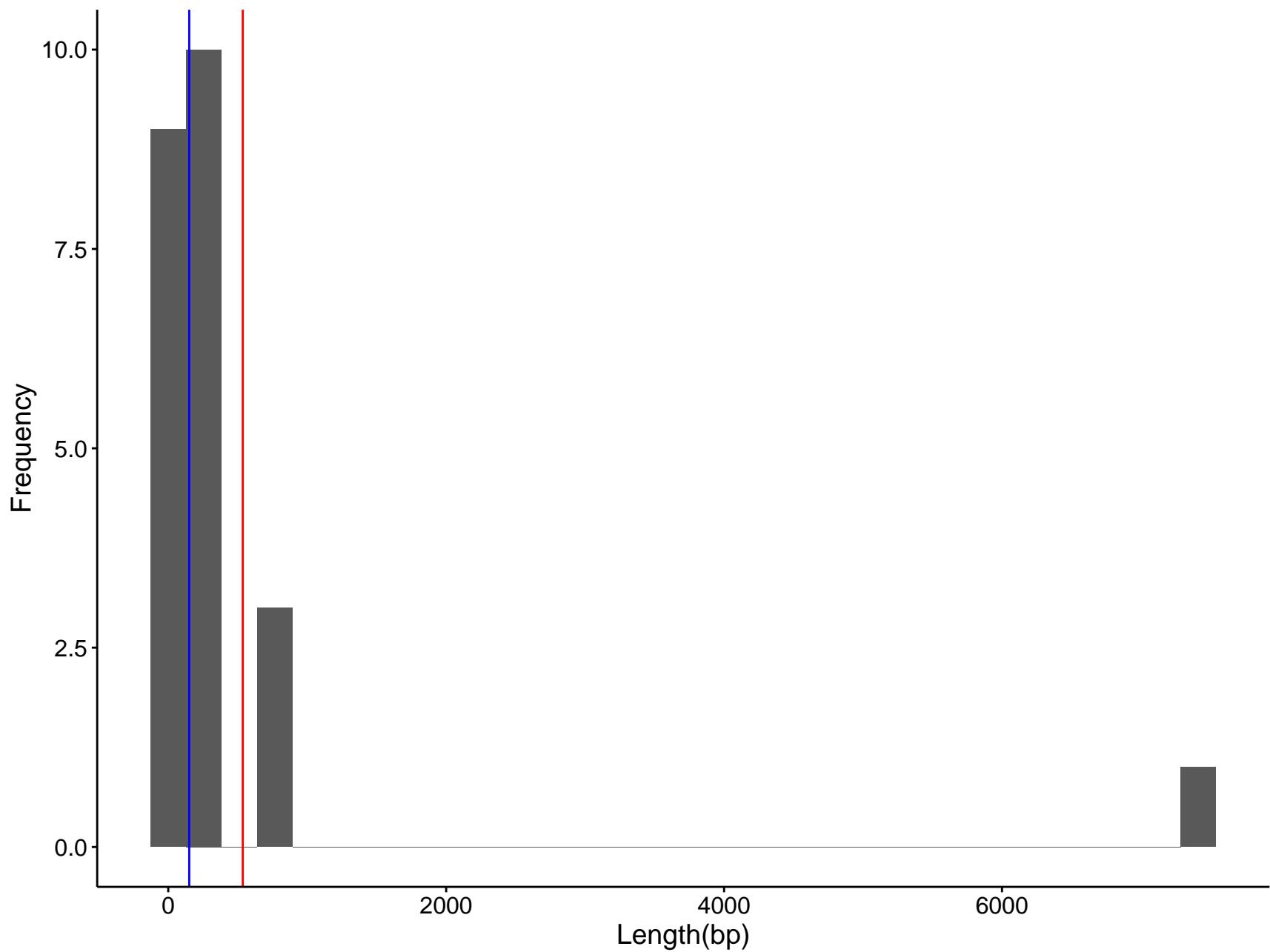
Cluster1654



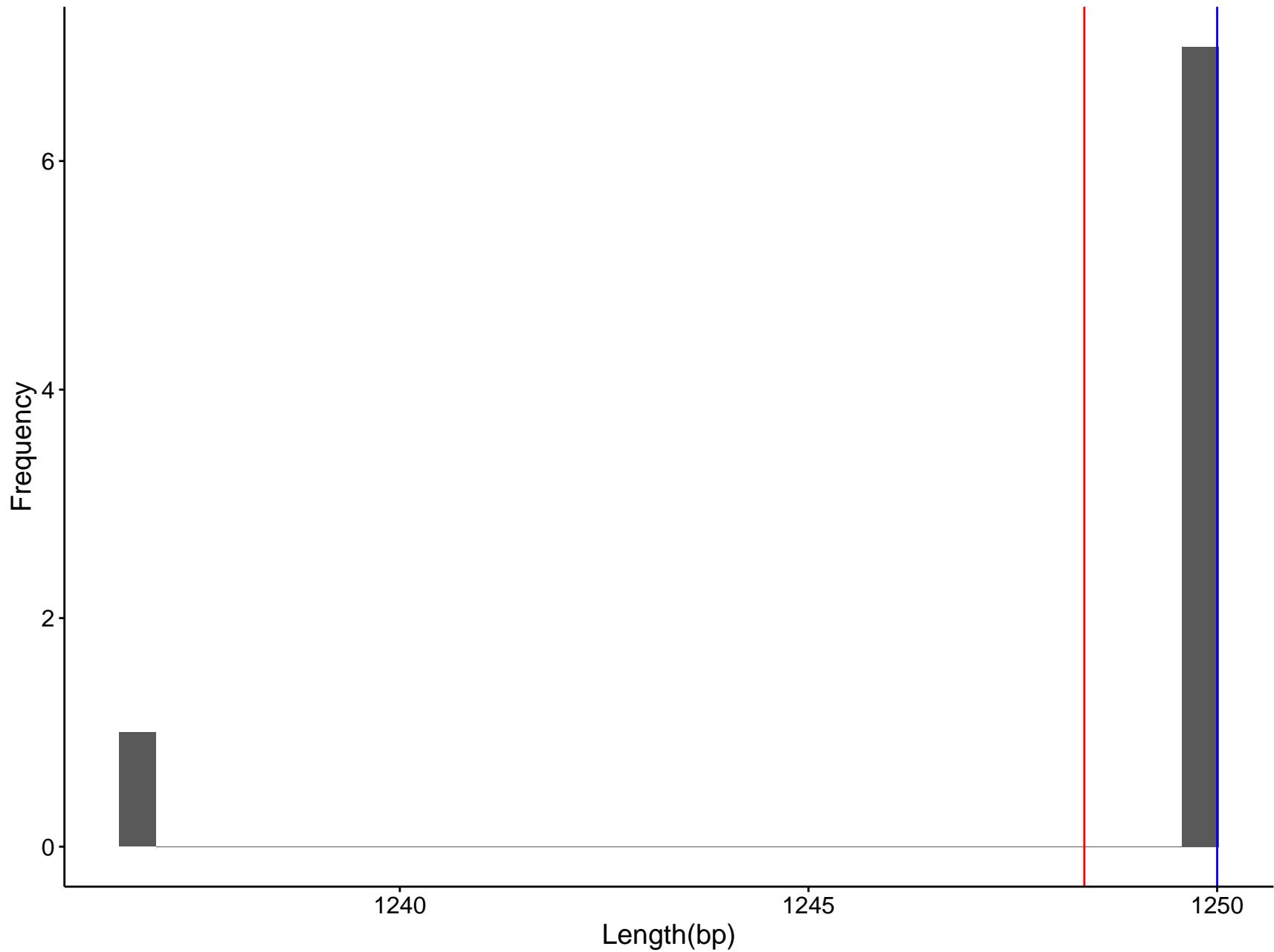
Cluster1655



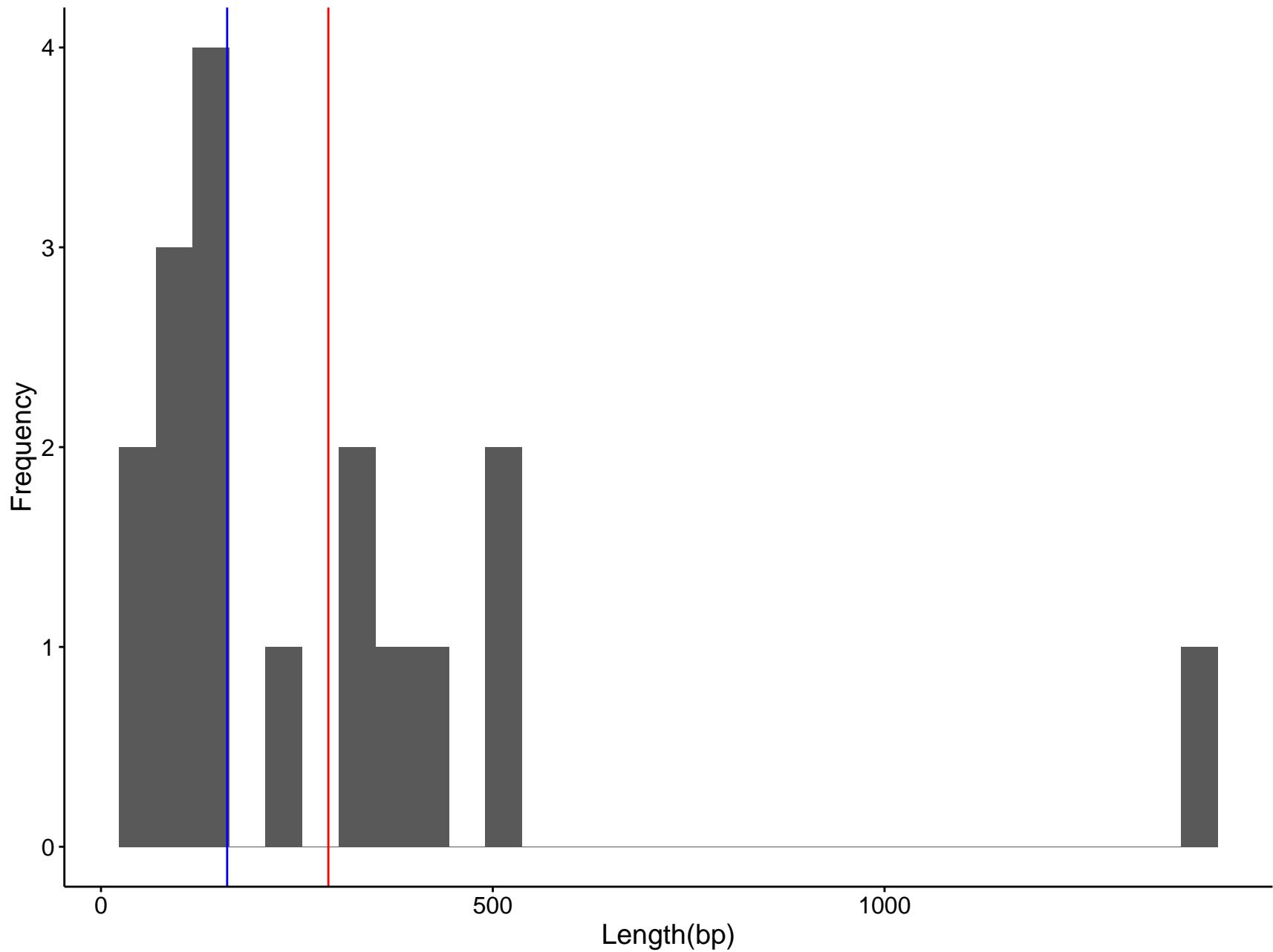
Cluster1656



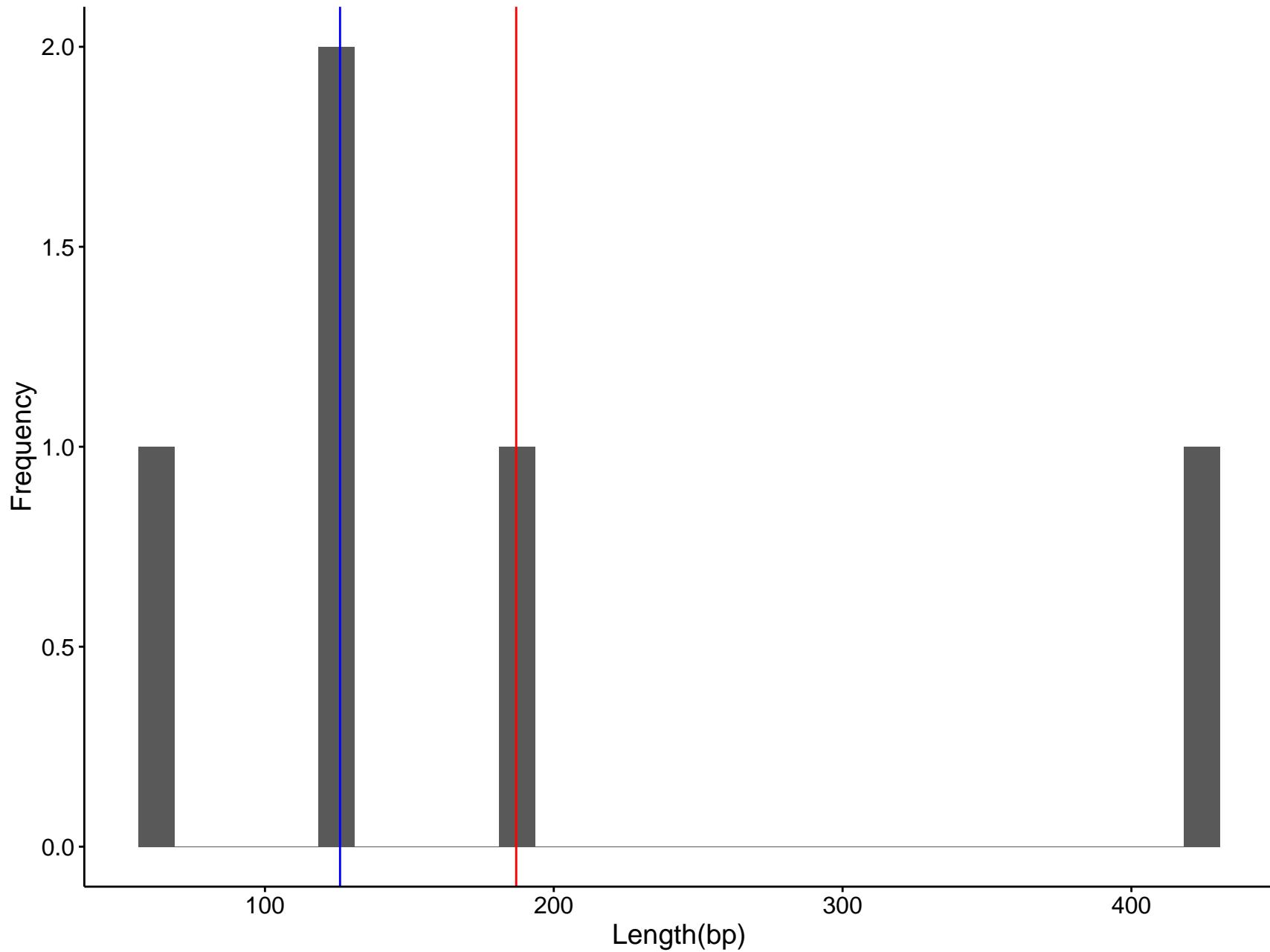
Cluster1658



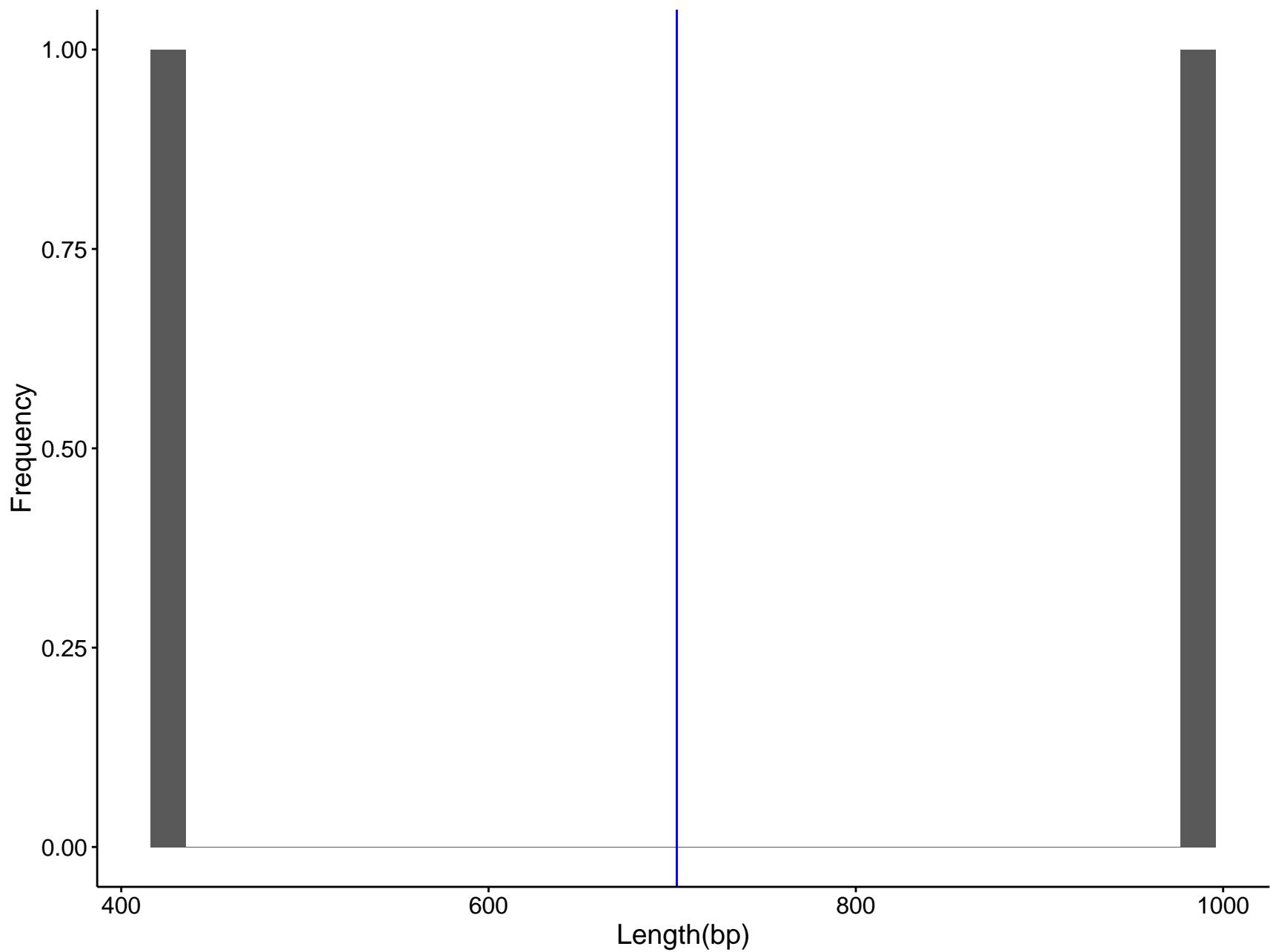
Cluster1659



Cluster1661



Cluster1662



Cluster1663

Frequency

1037.950

1037.975

1038.000

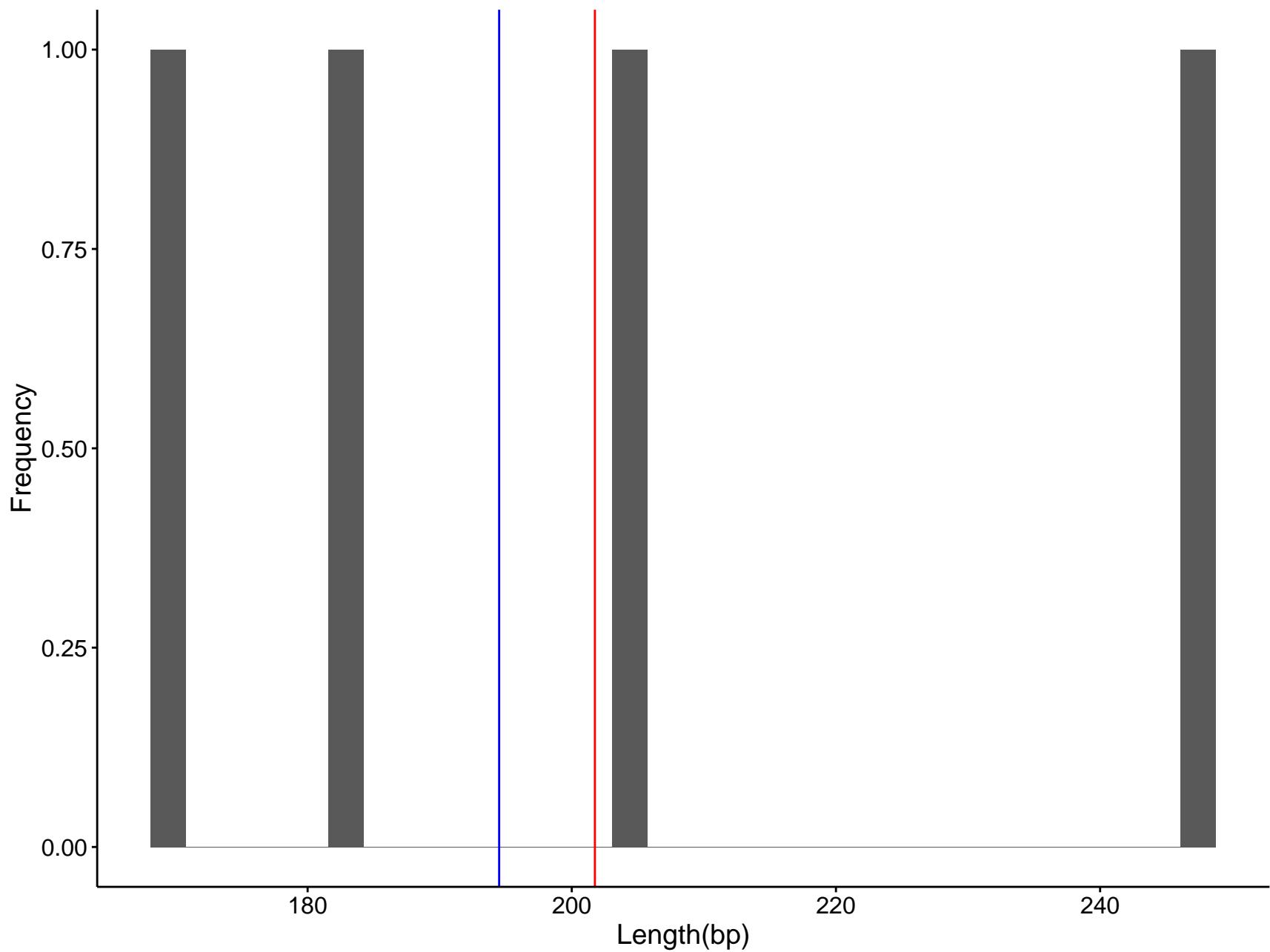
1038.025

1038.

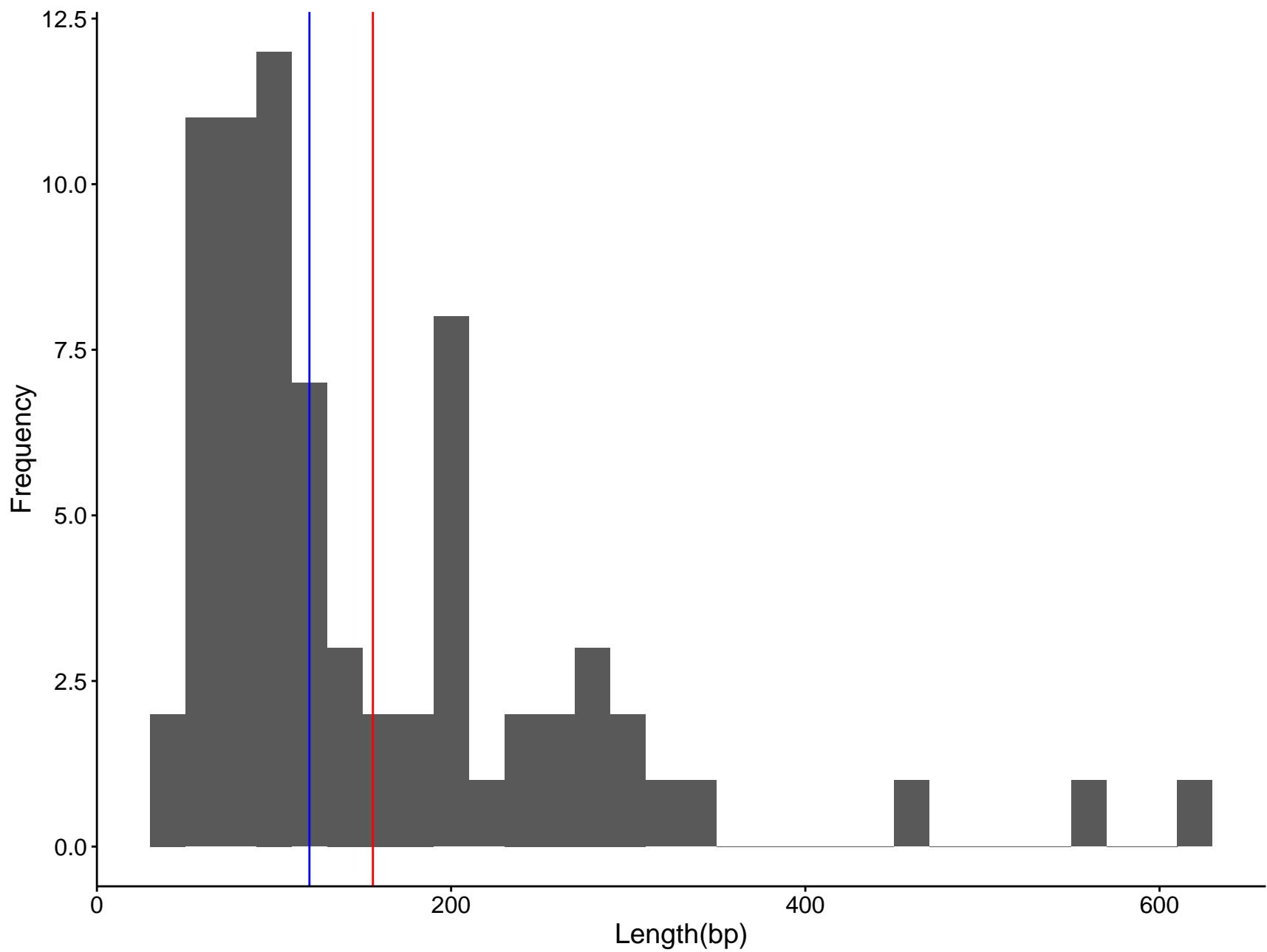
Length(bp)



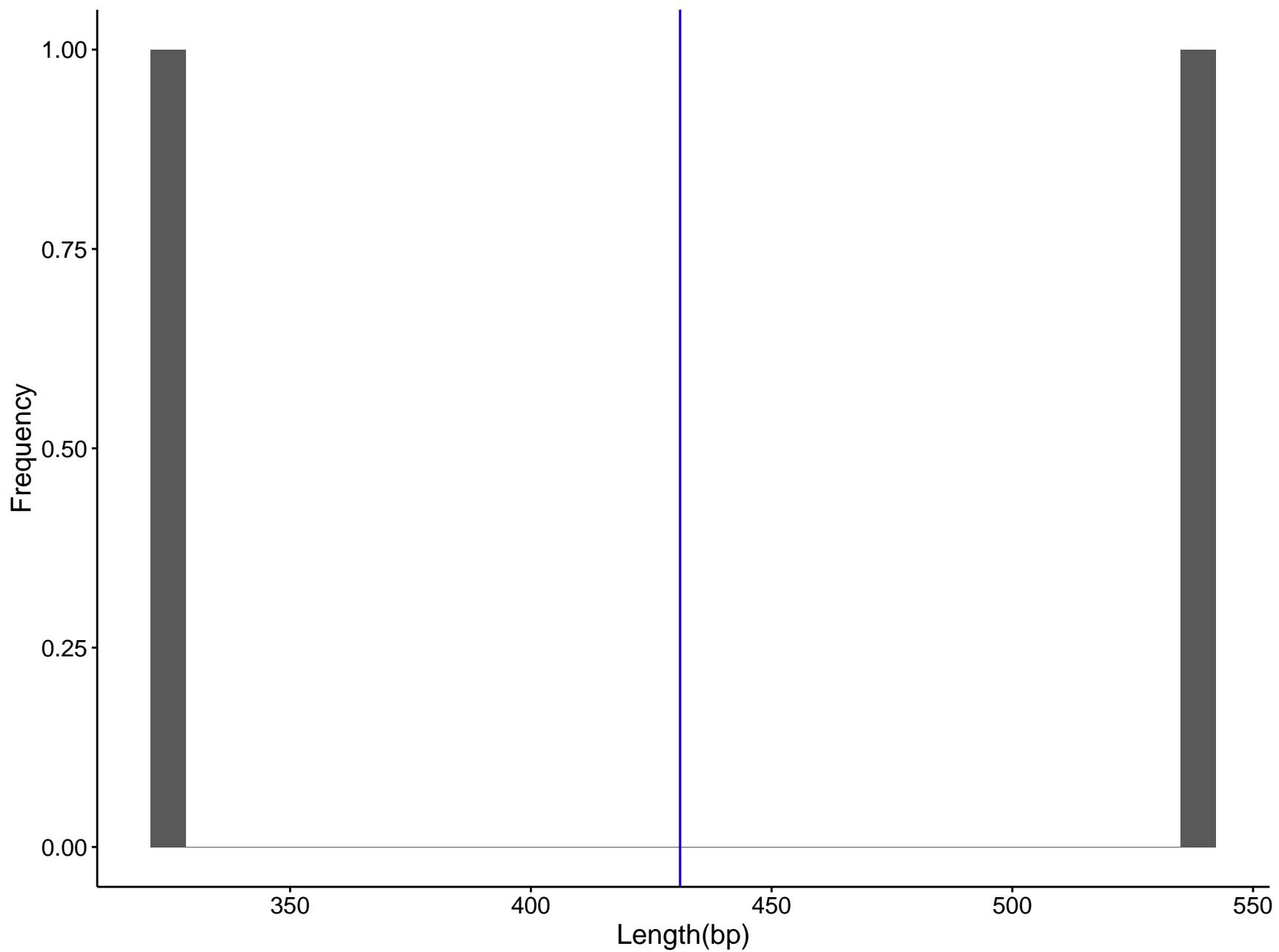
Cluster1665



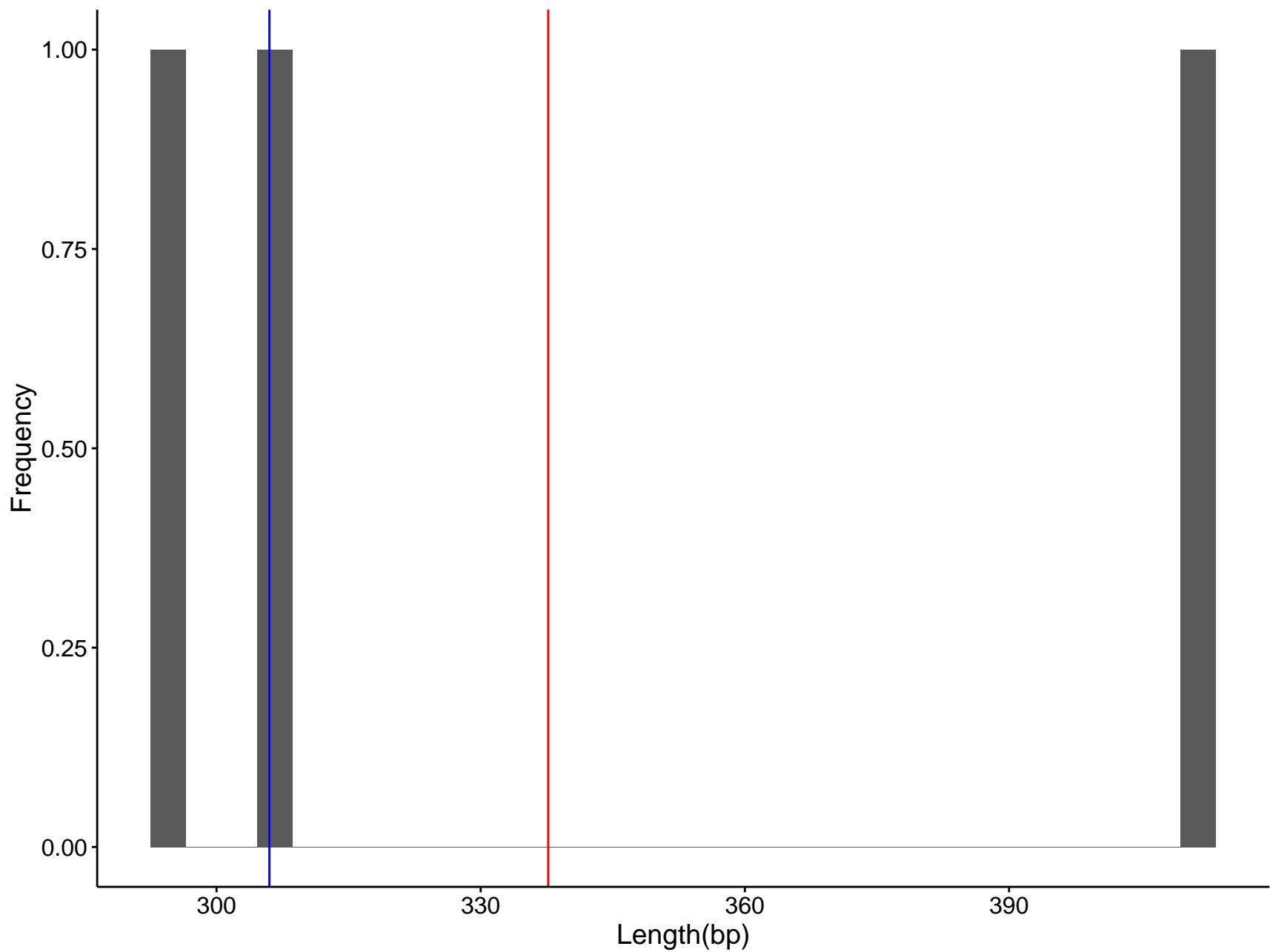
Cluster1667



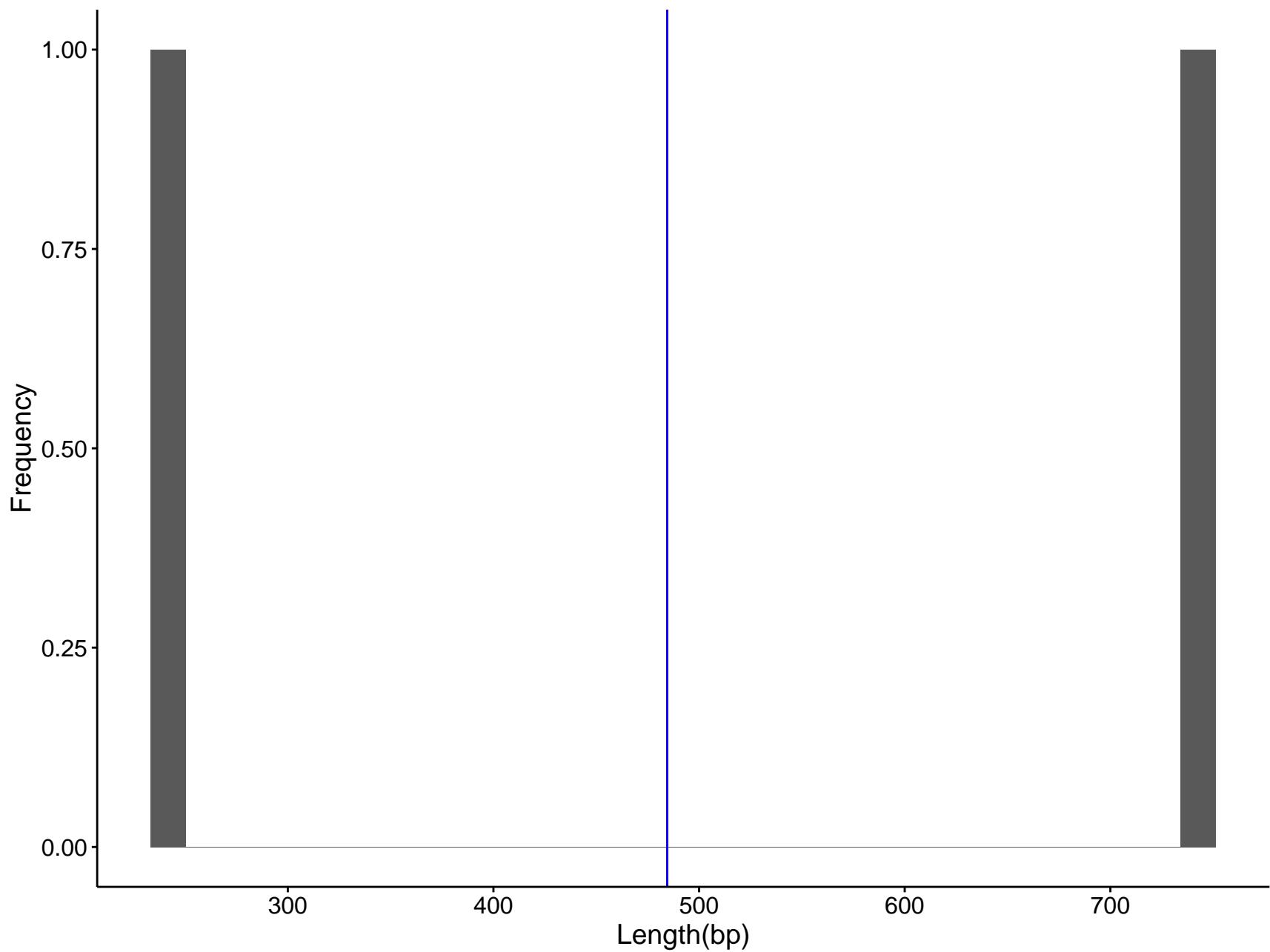
Cluster1669



Cluster1673



Cluster1675



Cluster1677

Frequency

334.950

334.975

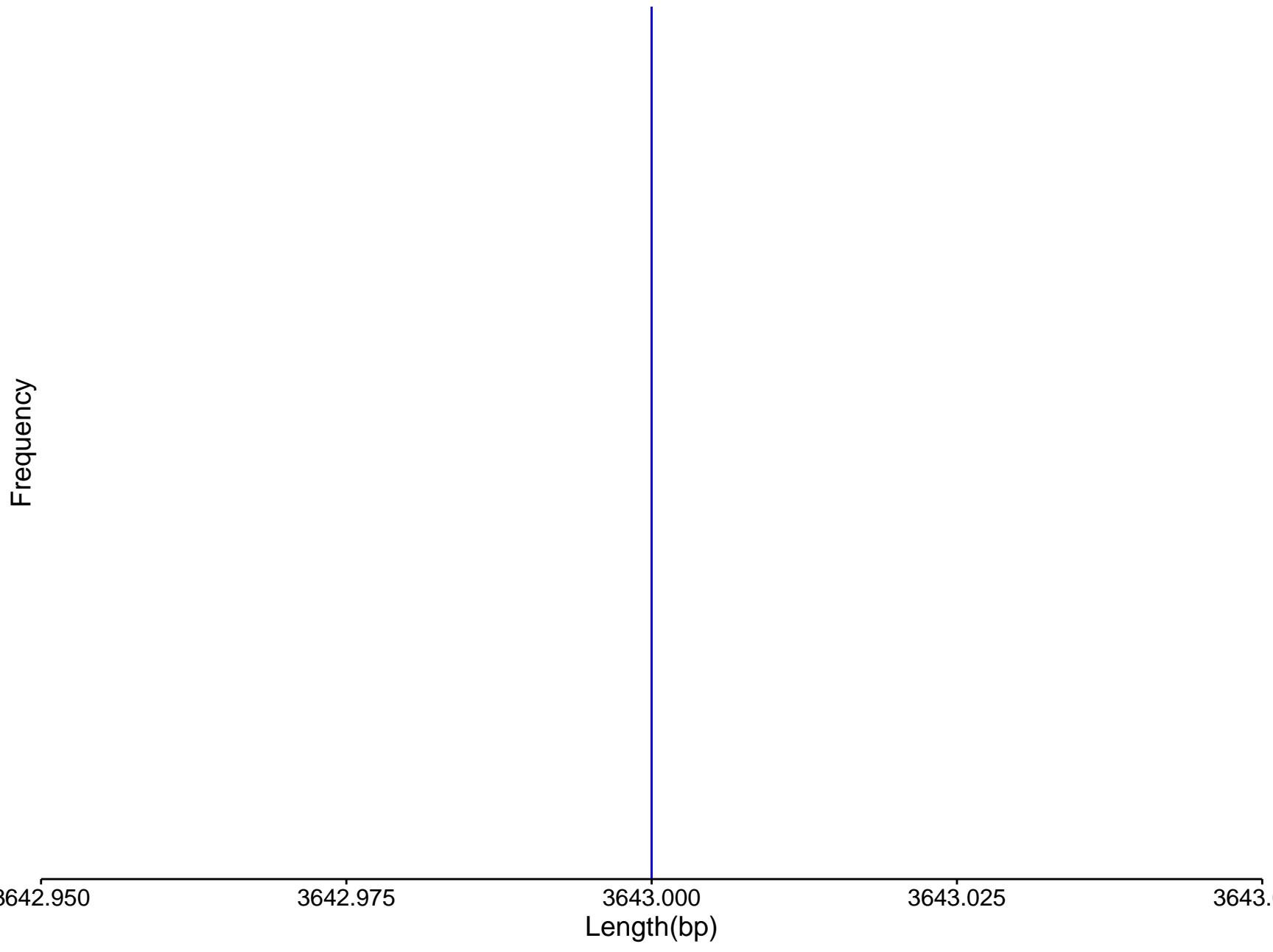
335.000

335.025

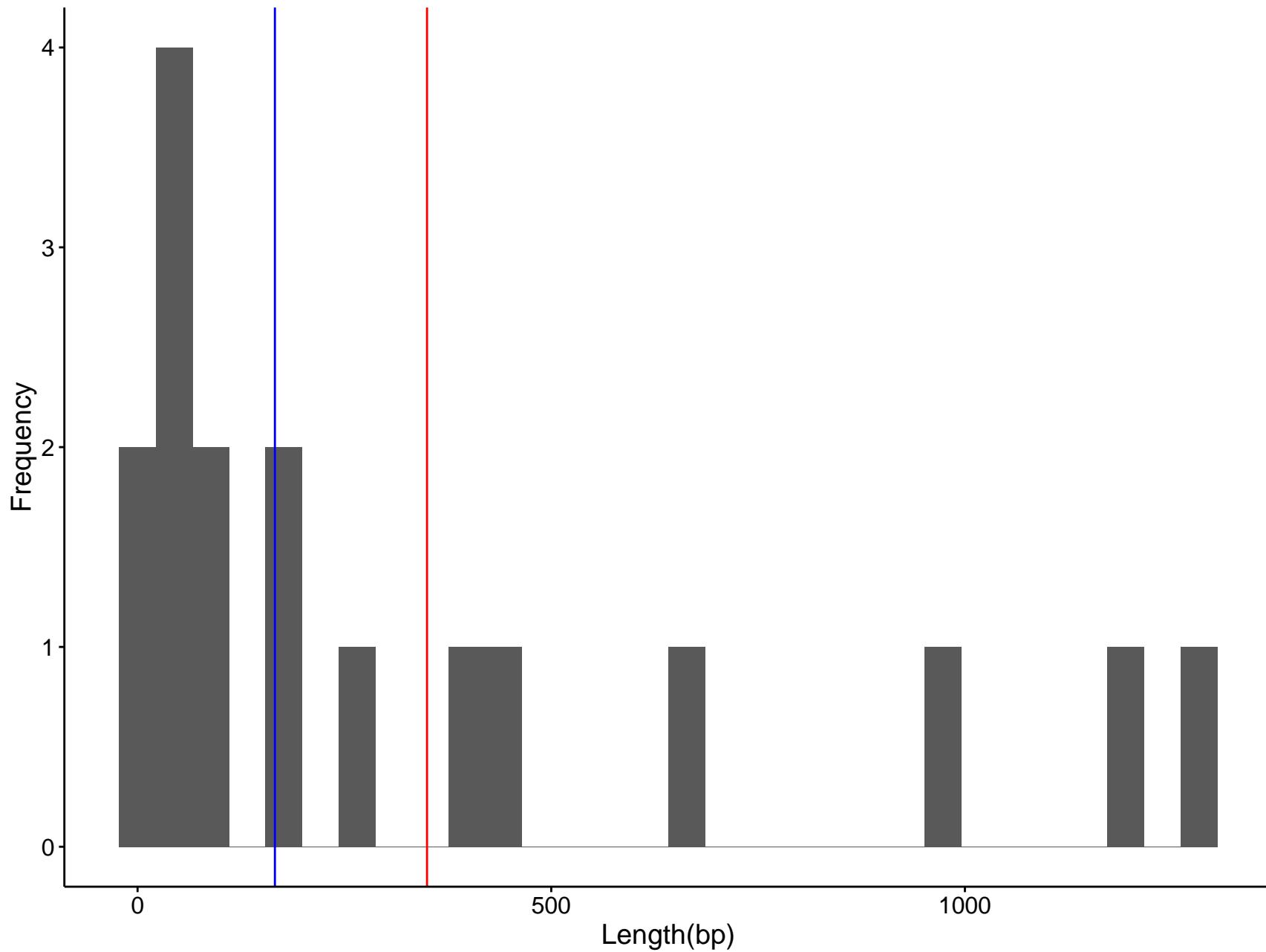
Length(bp)



Cluster1678



Cluster1679



Cluster167

Frequency

278.950

278.975

279.000

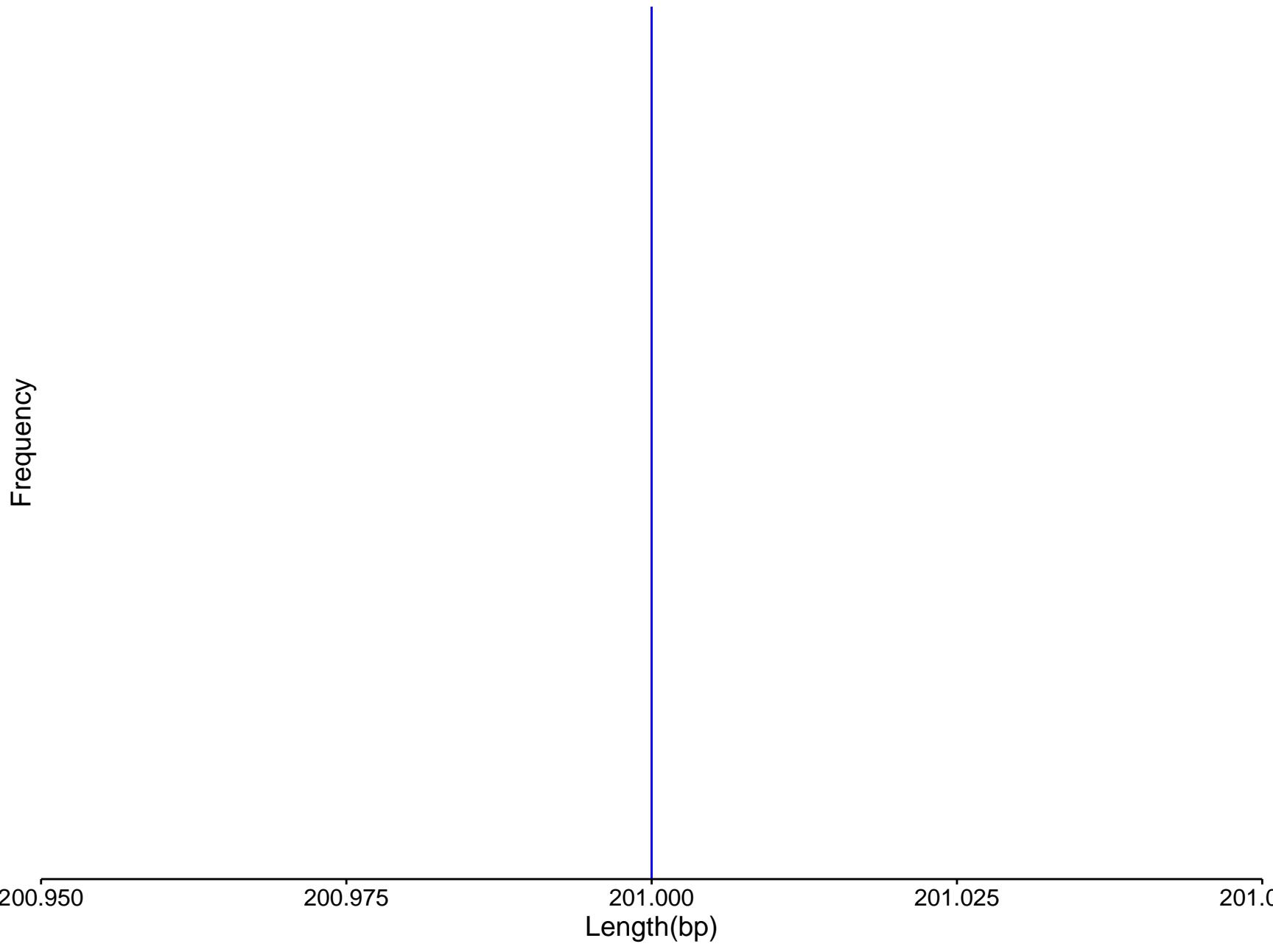
279.025

279.050

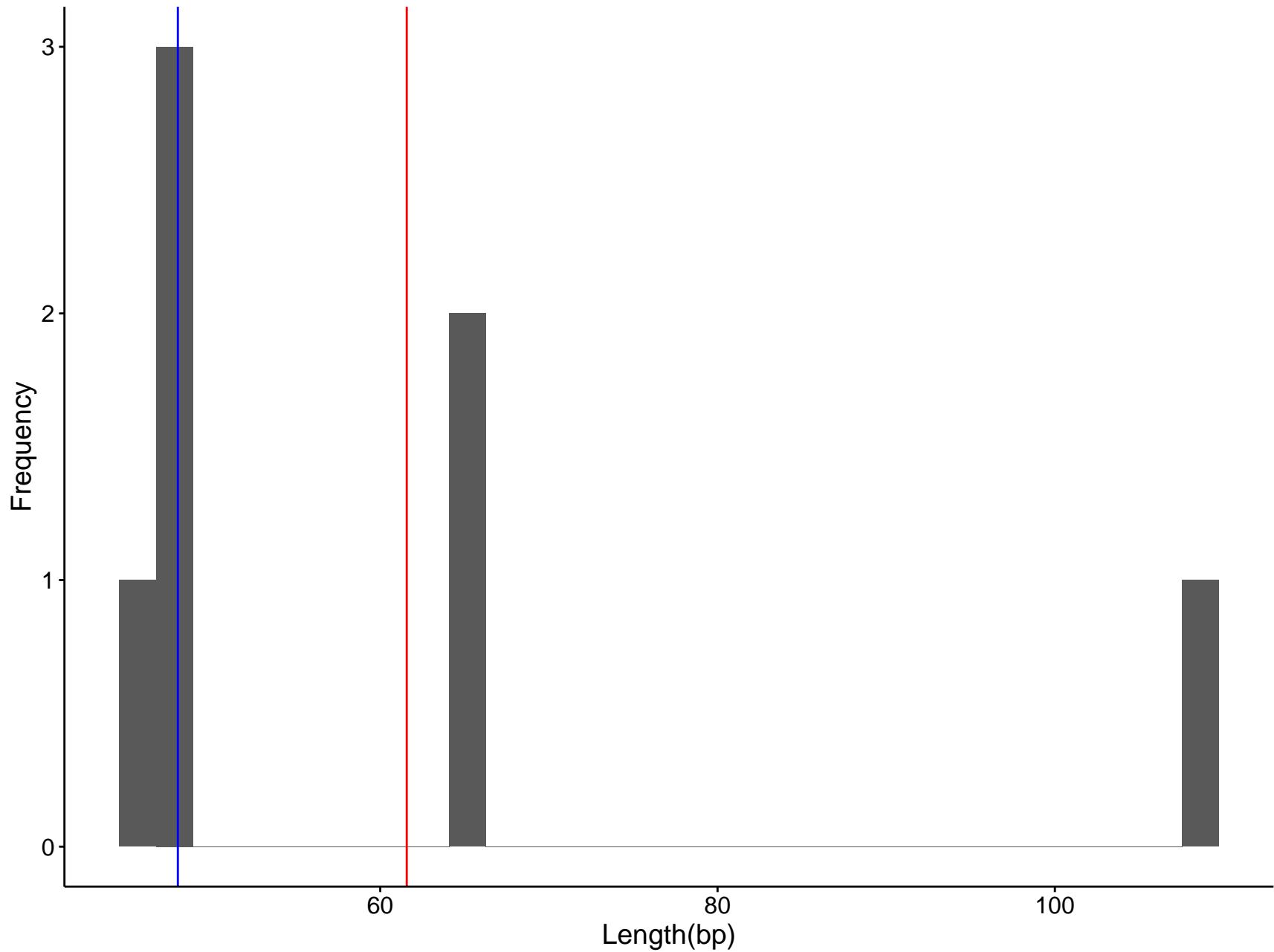
Length(bp)



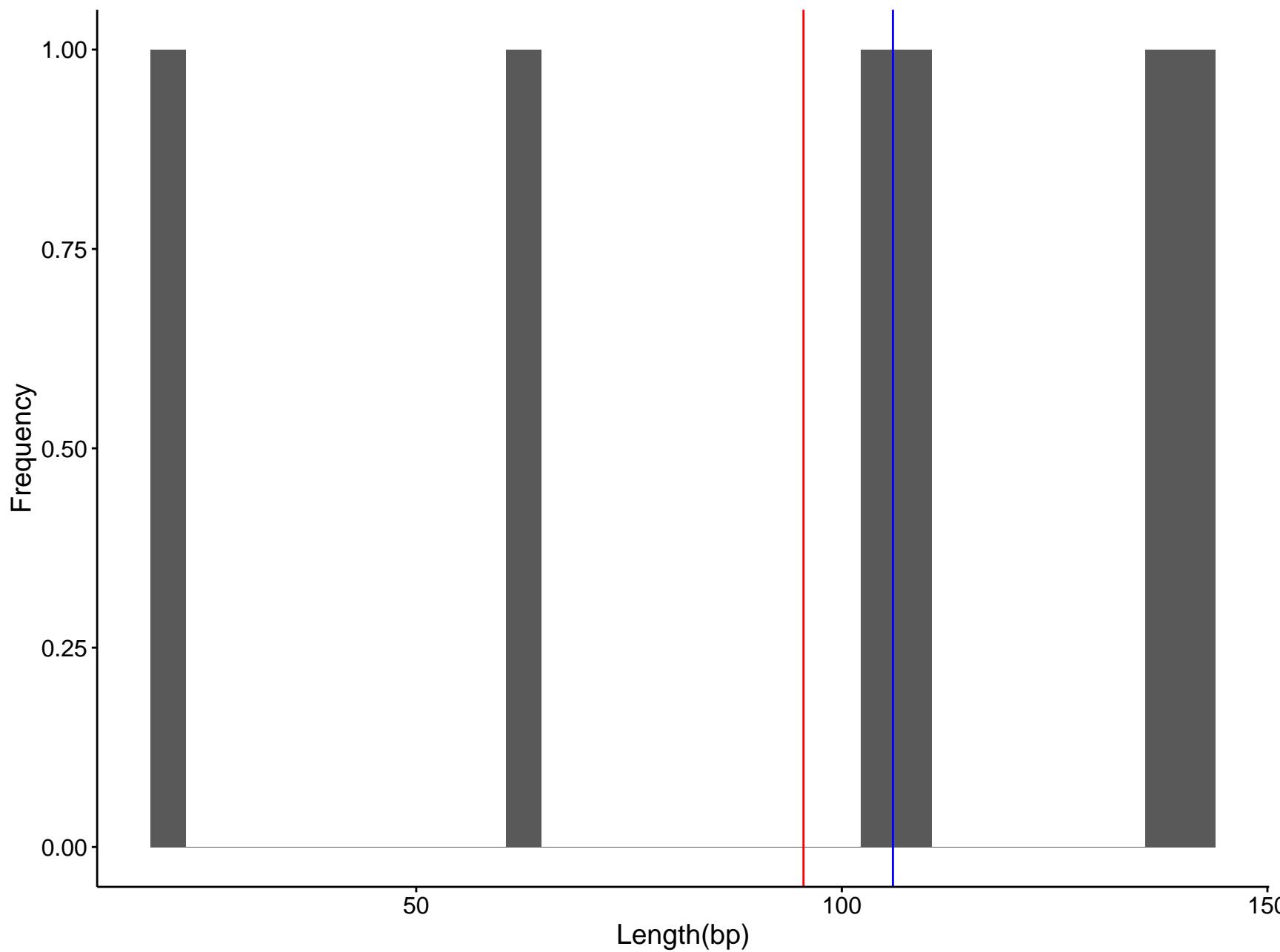
Cluster1685



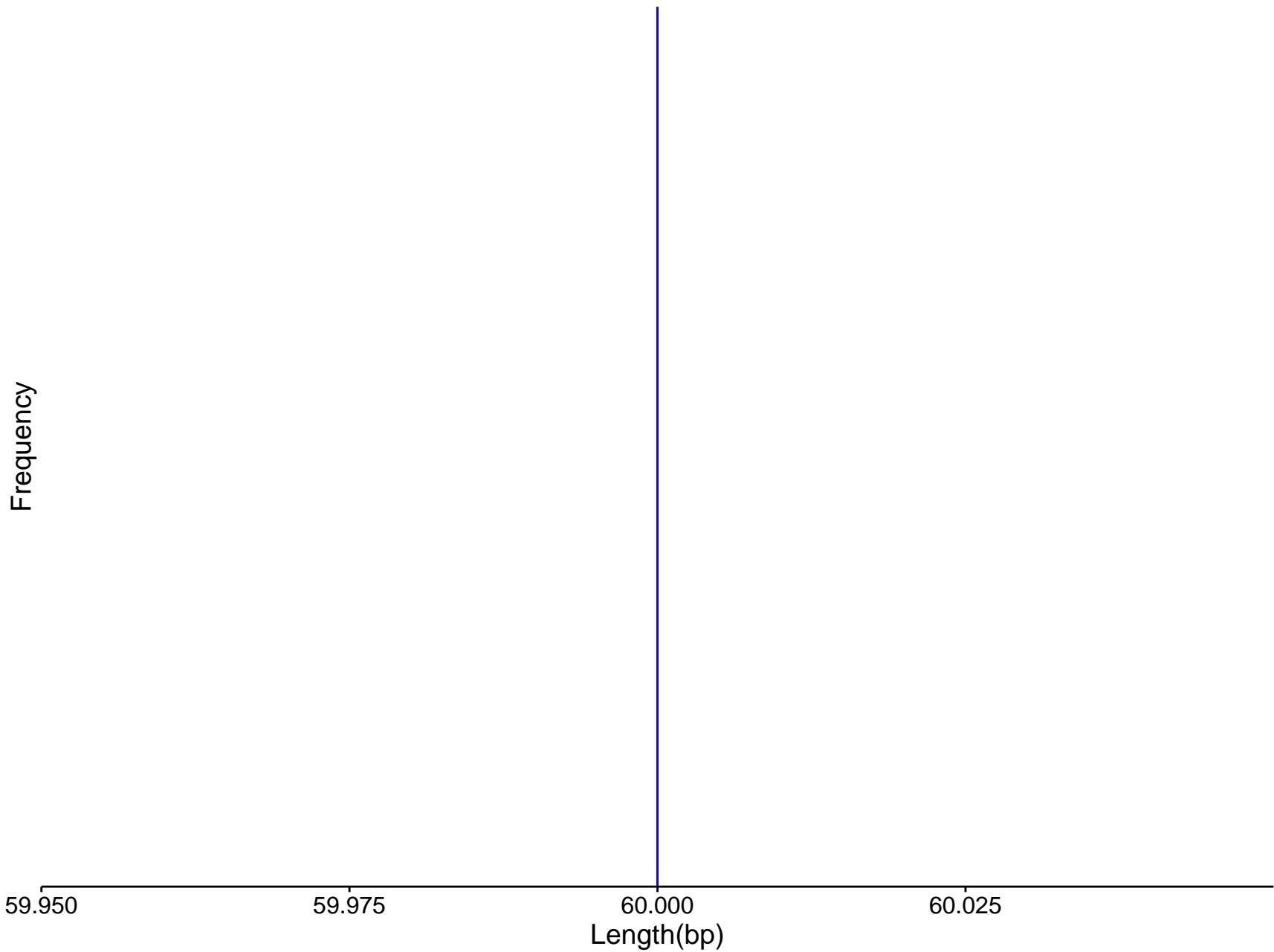
Cluster1687



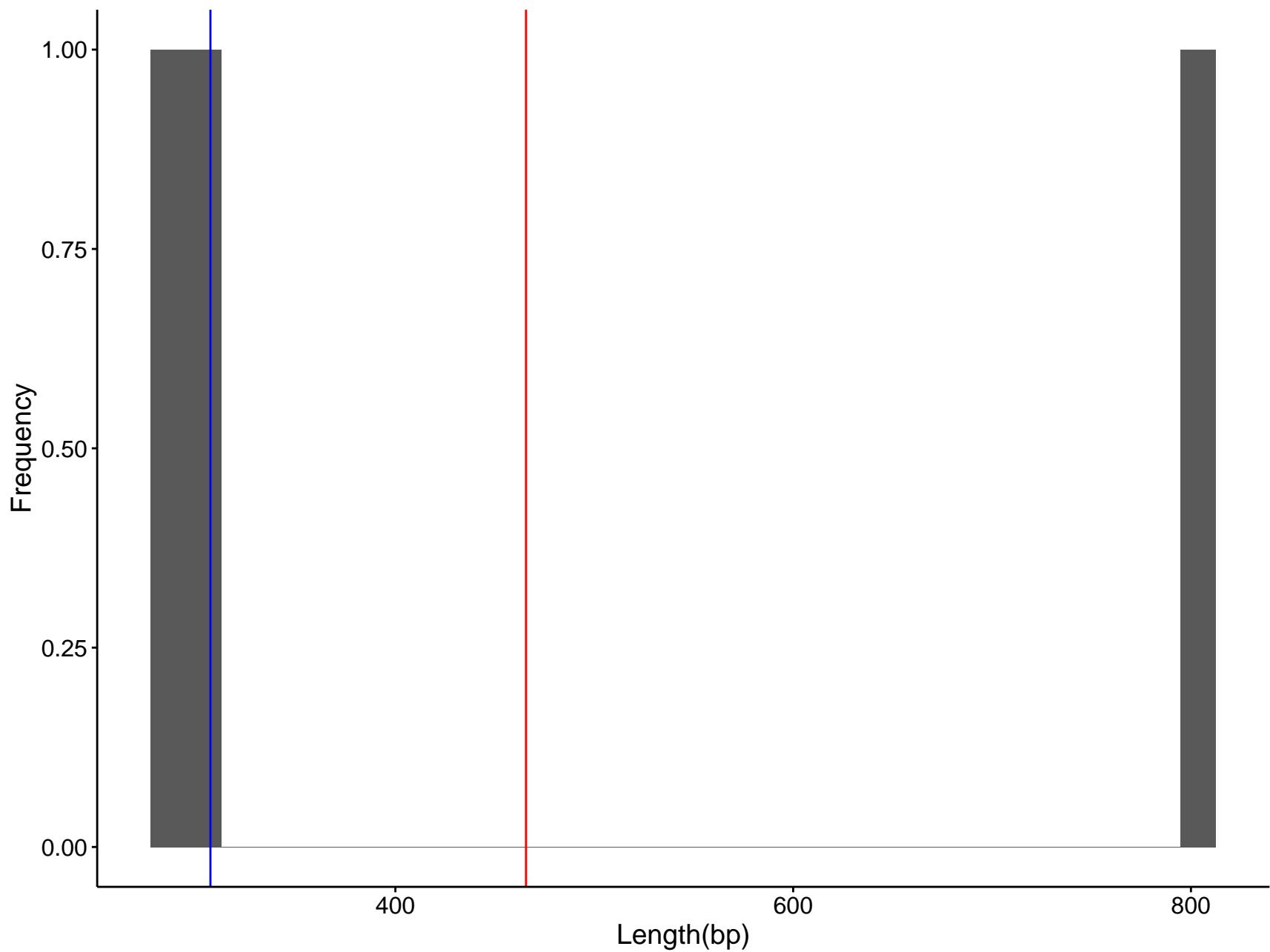
Cluster1688



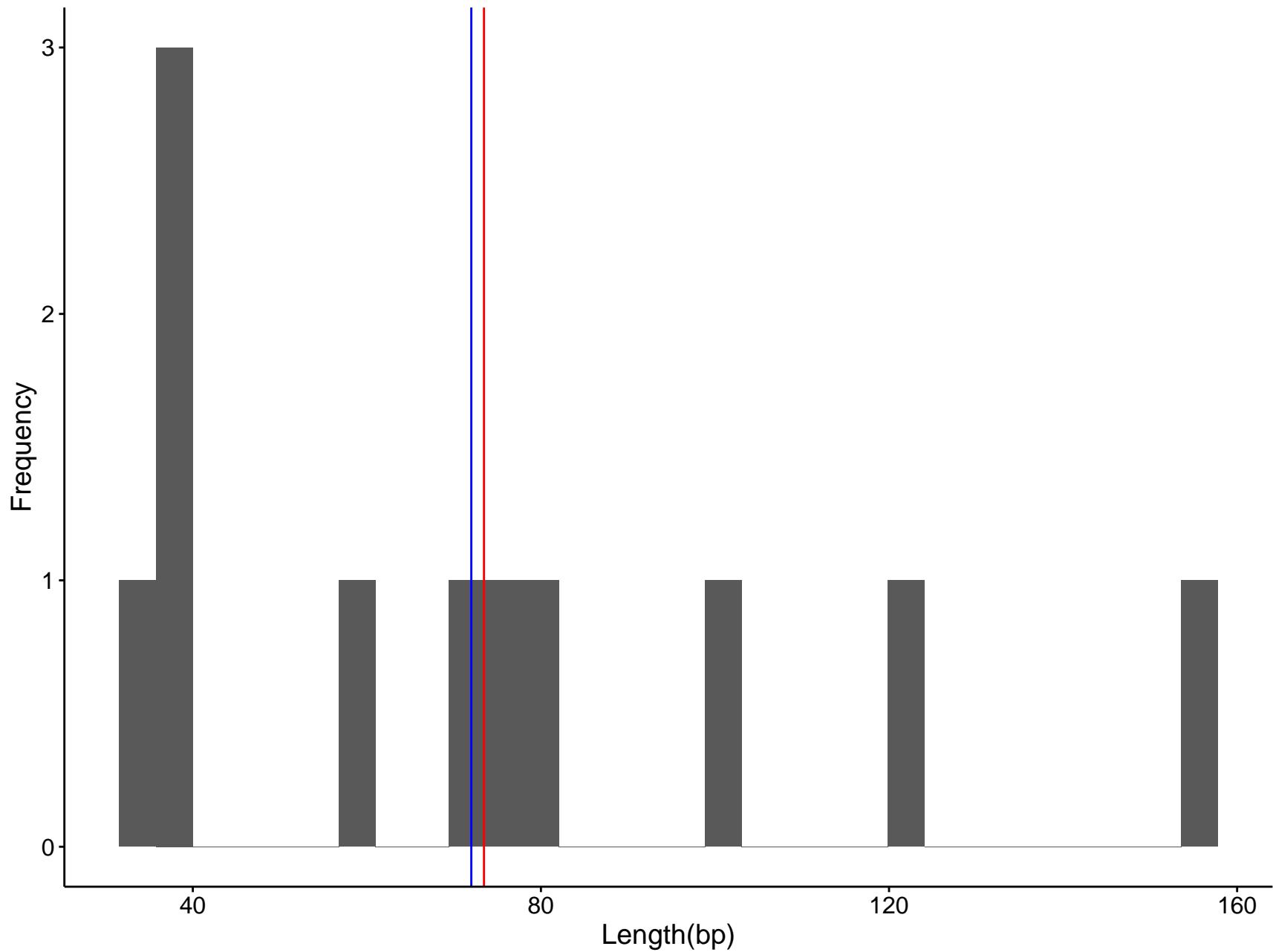
Cluster1689



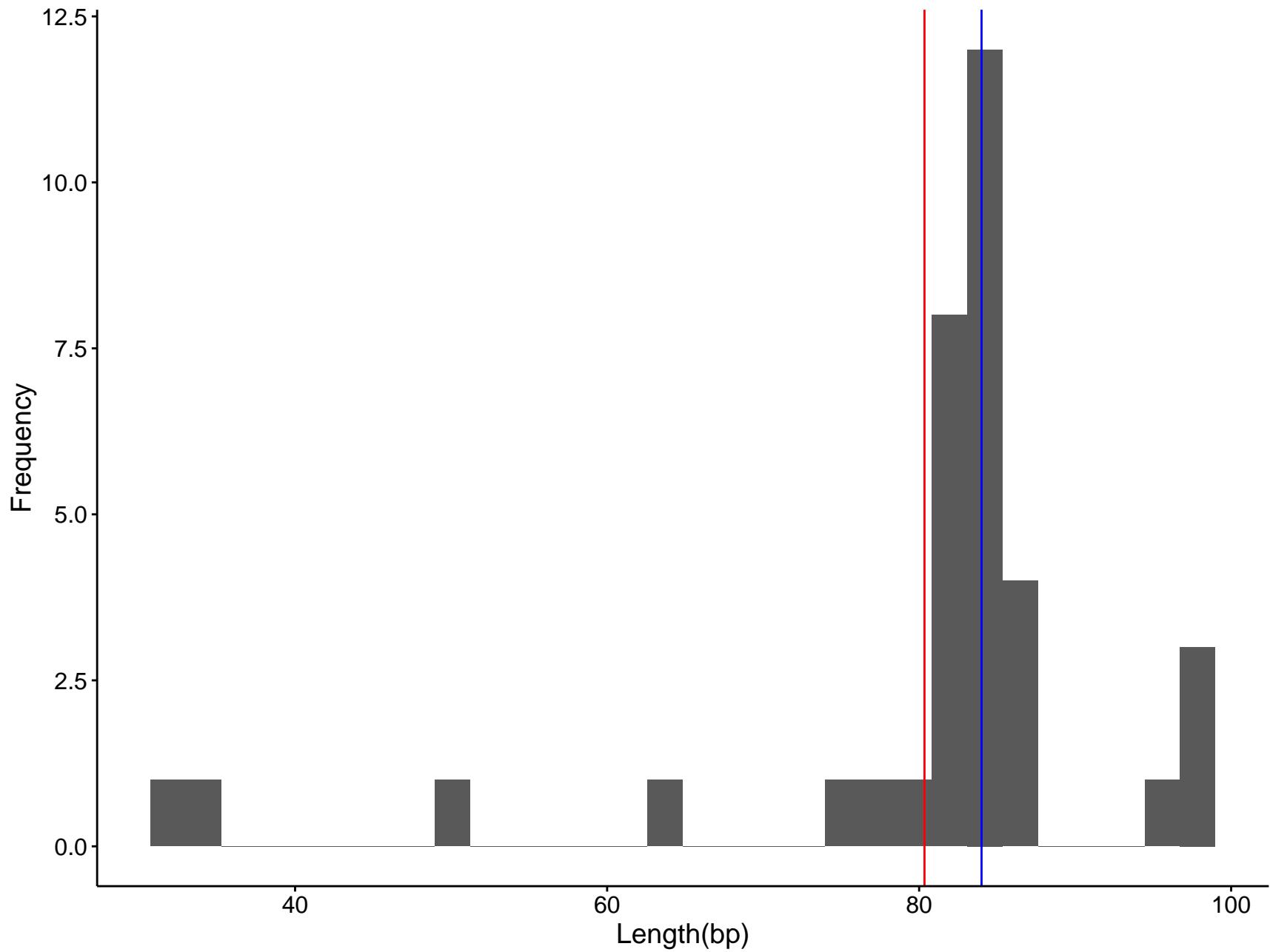
Cluster1690



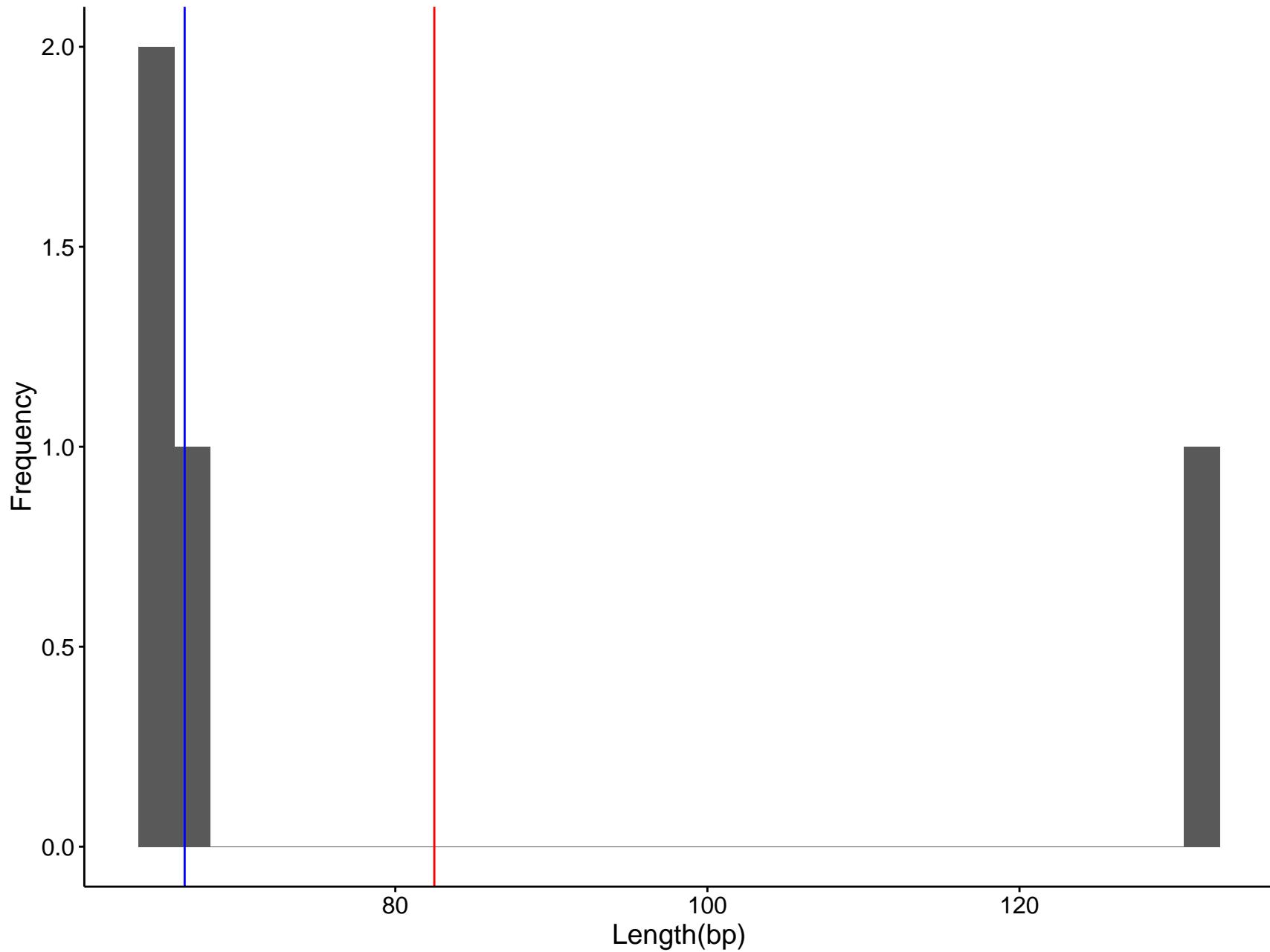
Cluster1693



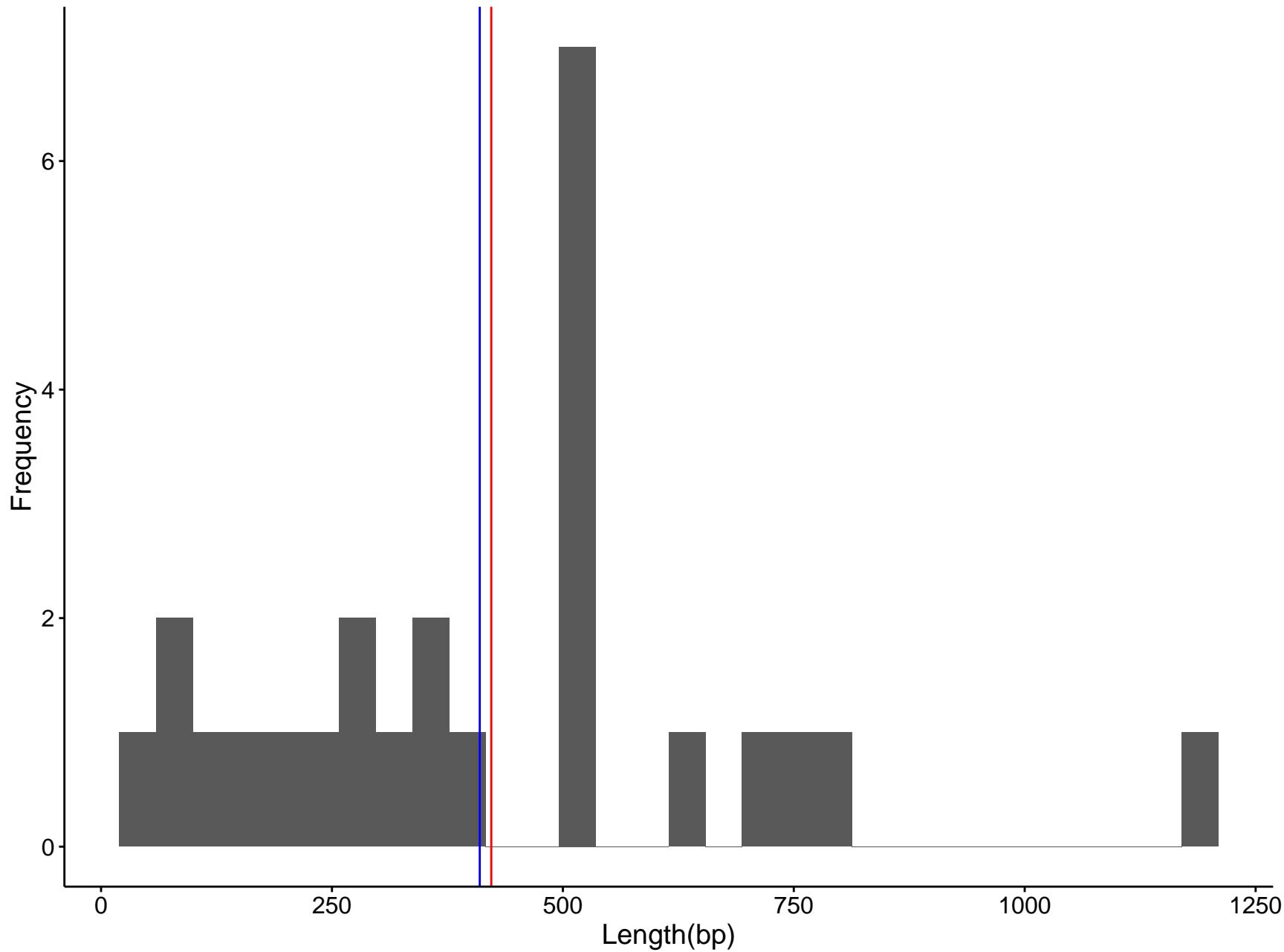
Cluster1694



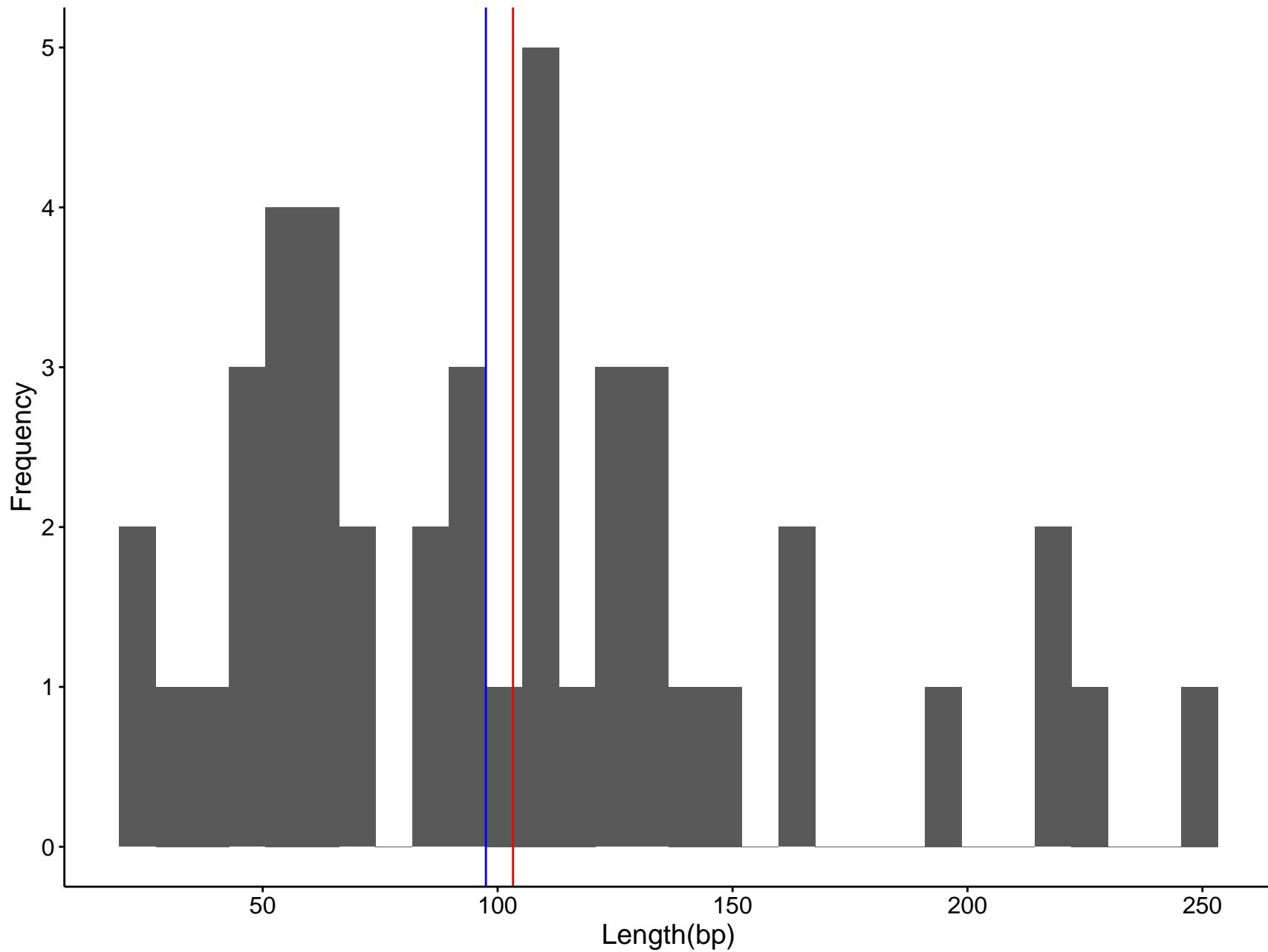
Cluster16



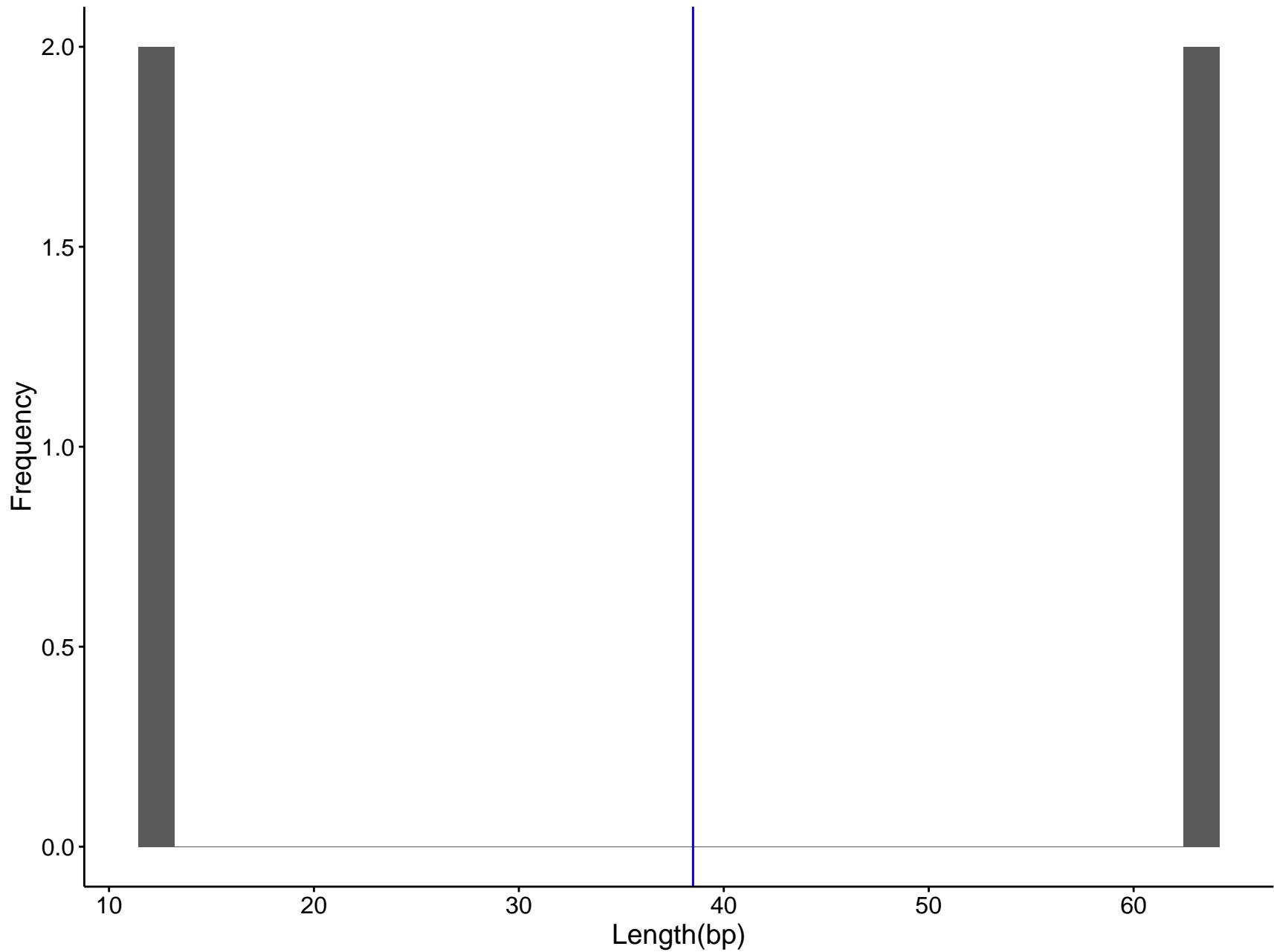
Cluster1700



Cluster1703



Cluster1705



Cluster1709

Frequency

28.950

28.975

29.000

29.025

Length(bp)



Cluster170

Frequency

345.950

345.975

346.000

346.025

Length(bp)



Cluster1710

Frequency

84.950

84.975

85.000

85.025

85.0

Length(bp)



Cluster1711

Frequency

60.950

60.975

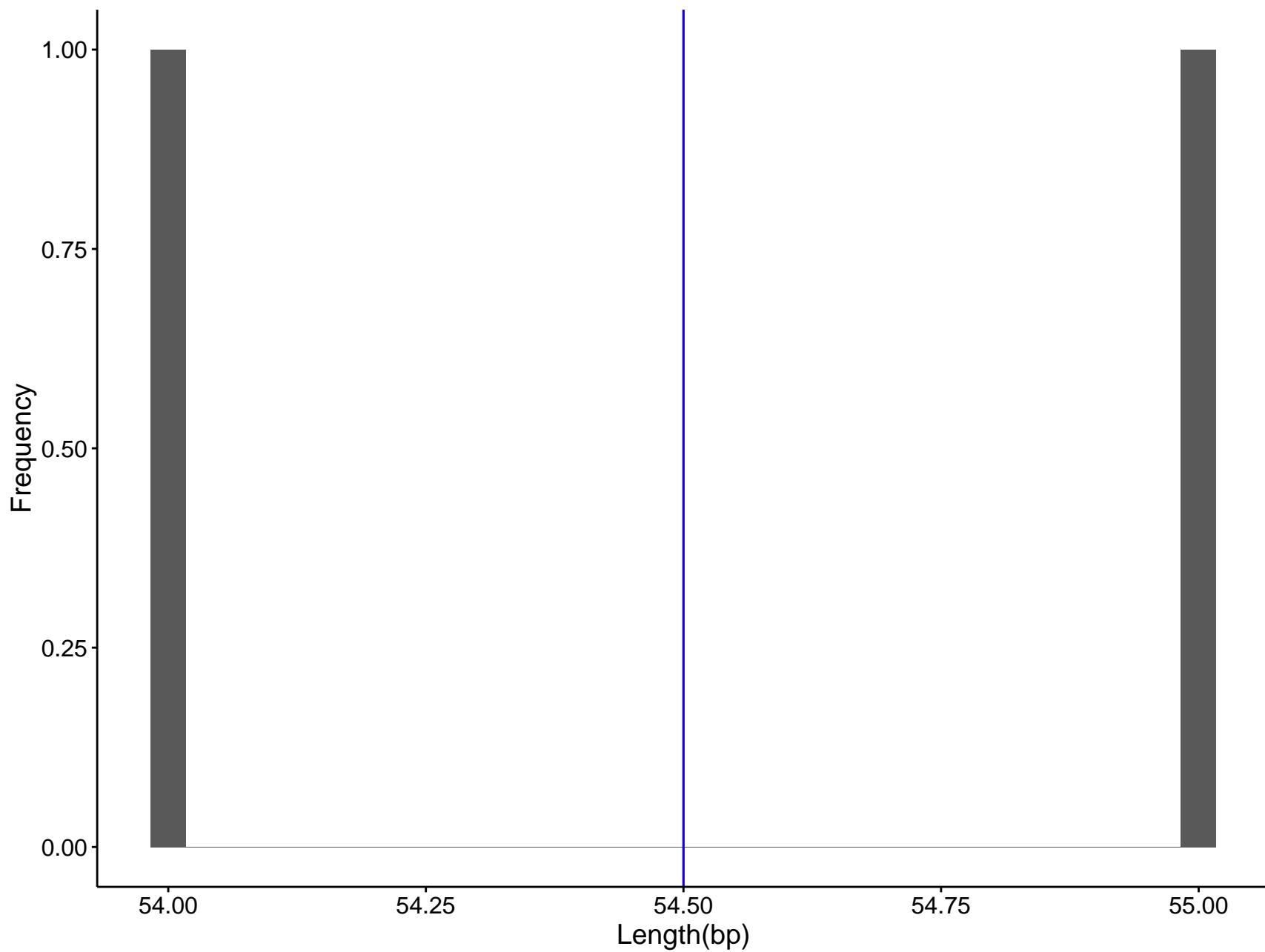
61.000

61.025

Length(bp)



Cluster1715



Cluster1716

Frequency

109.950

109.975

110.000

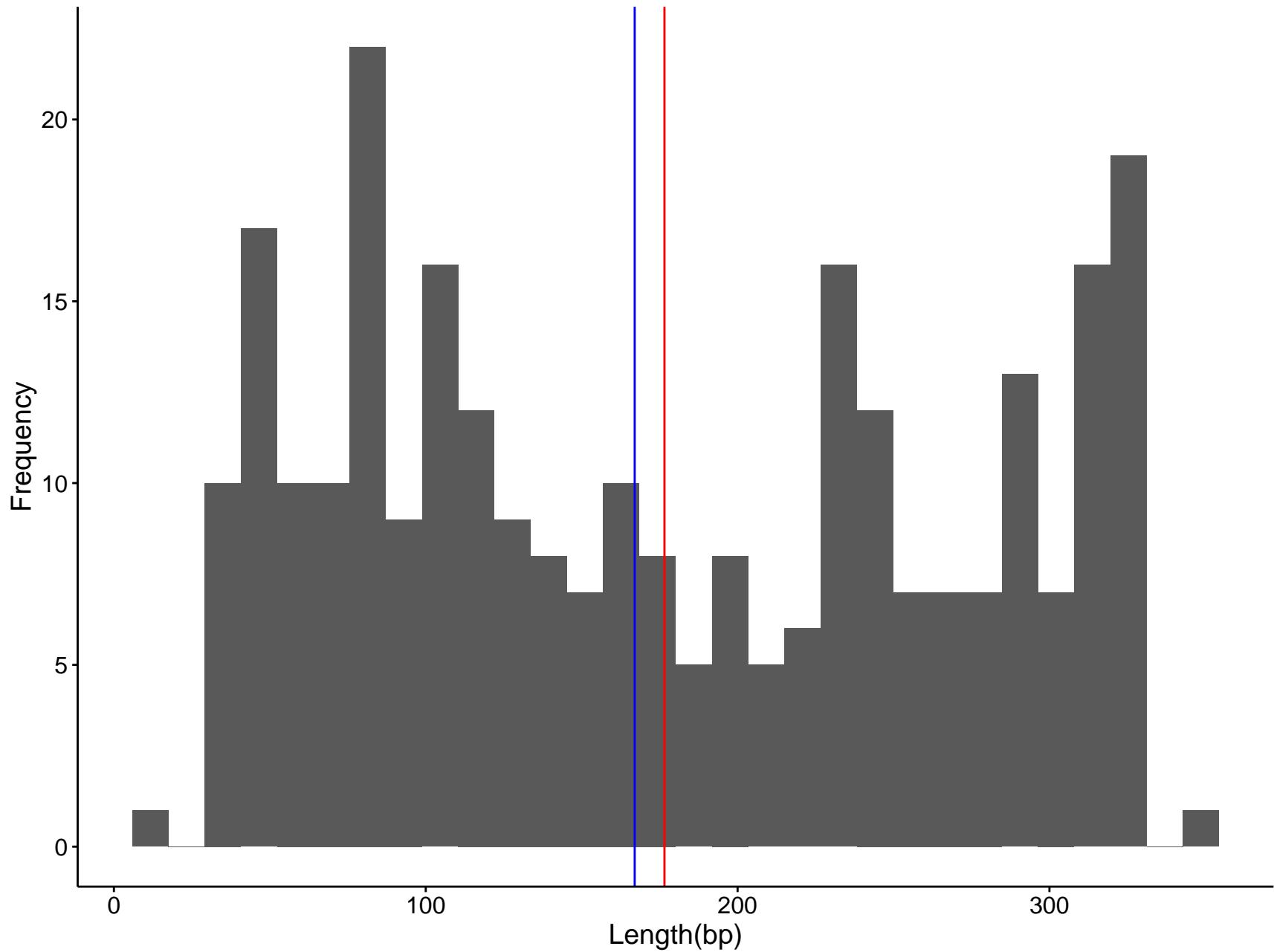
110.025

110.050

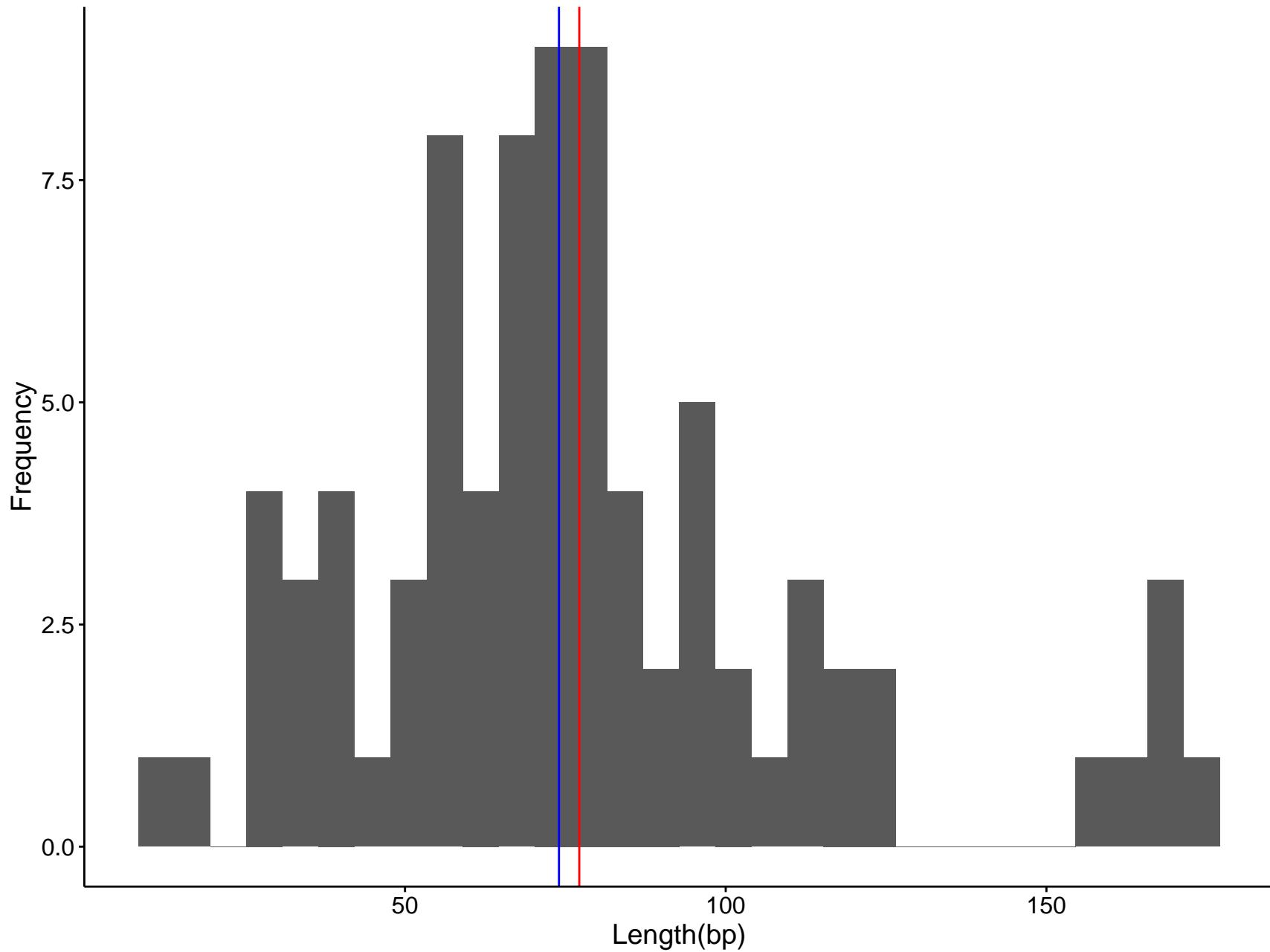
Length(bp)



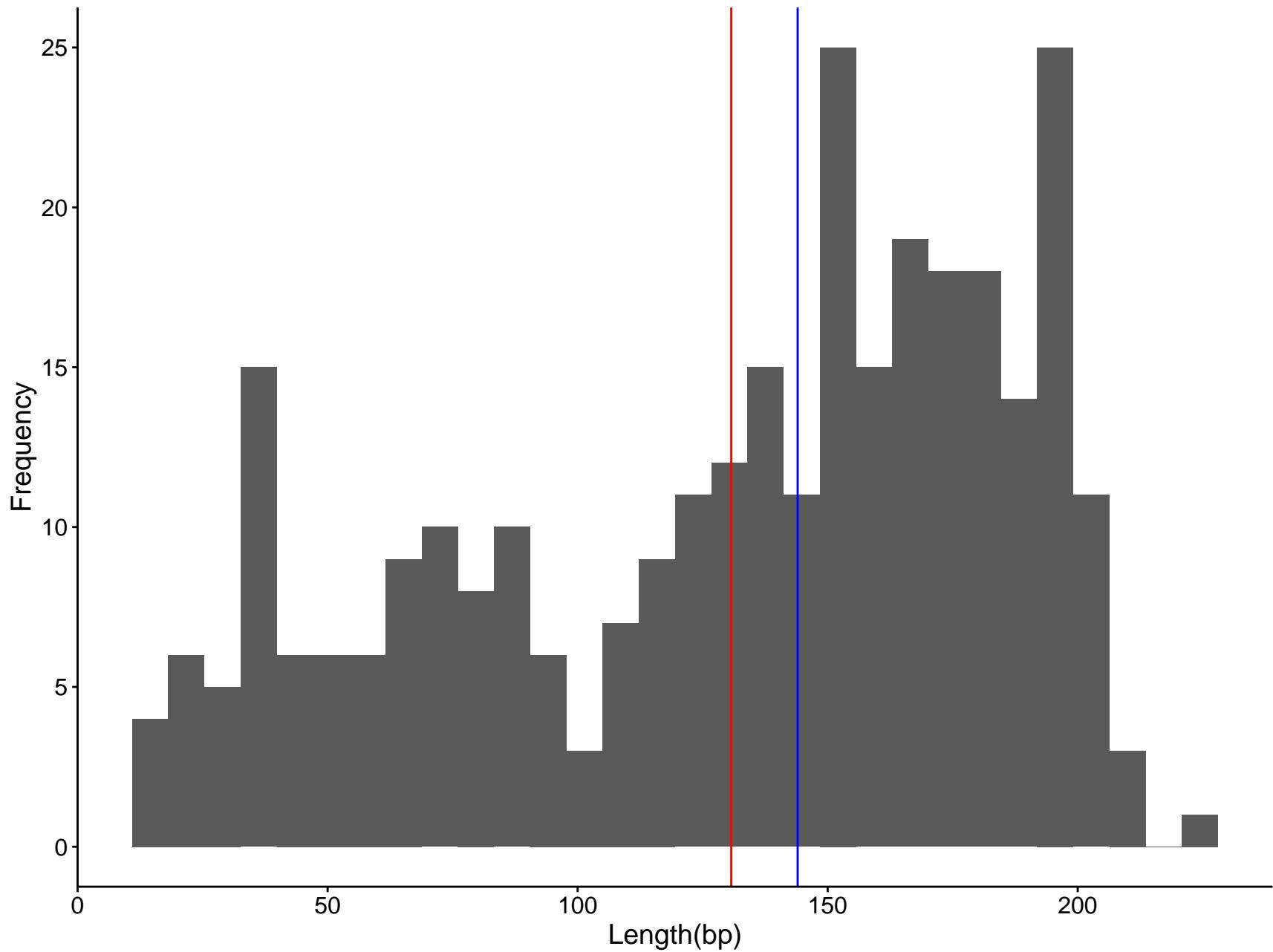
Cluster1717



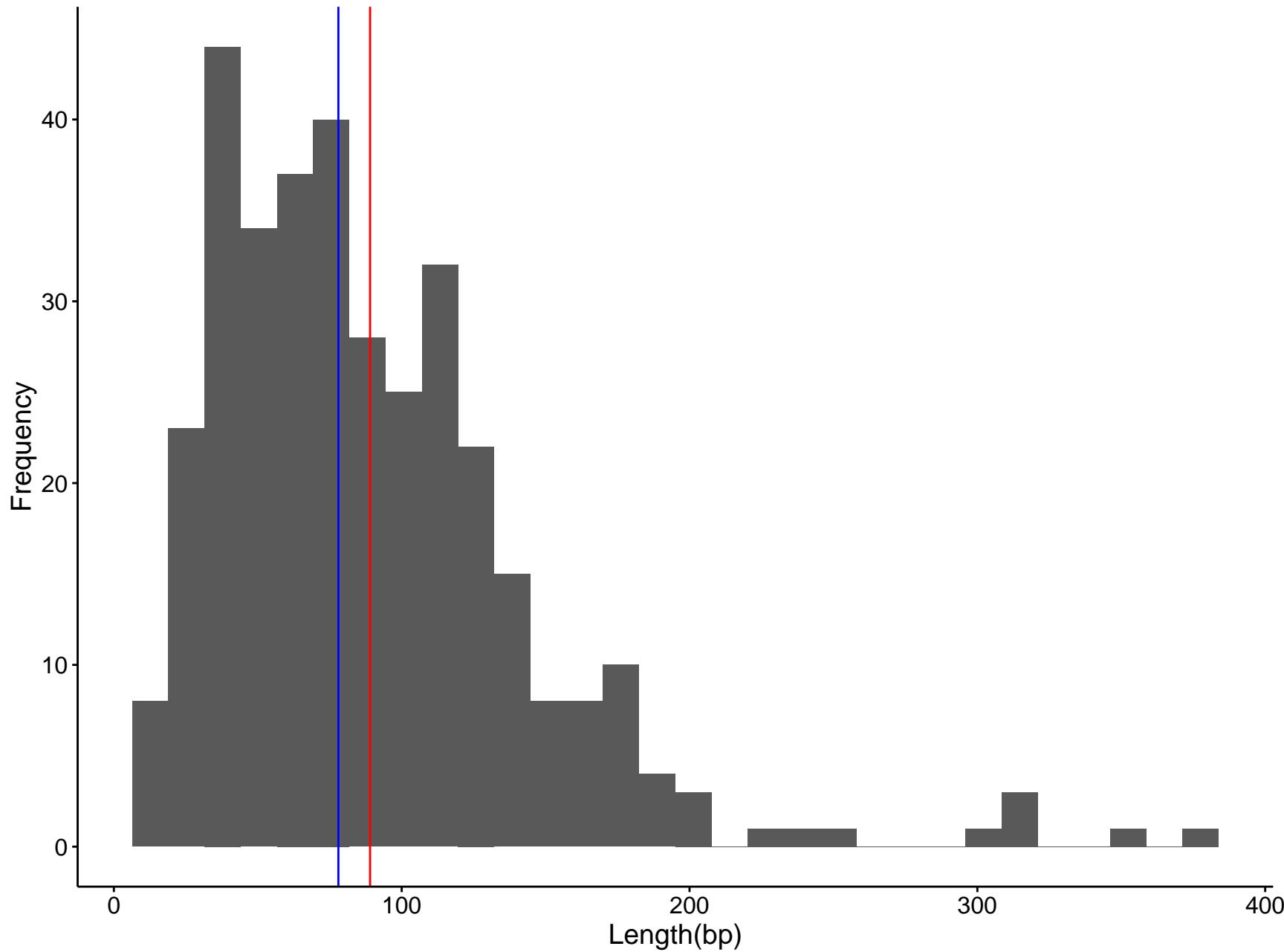
Cluster1718



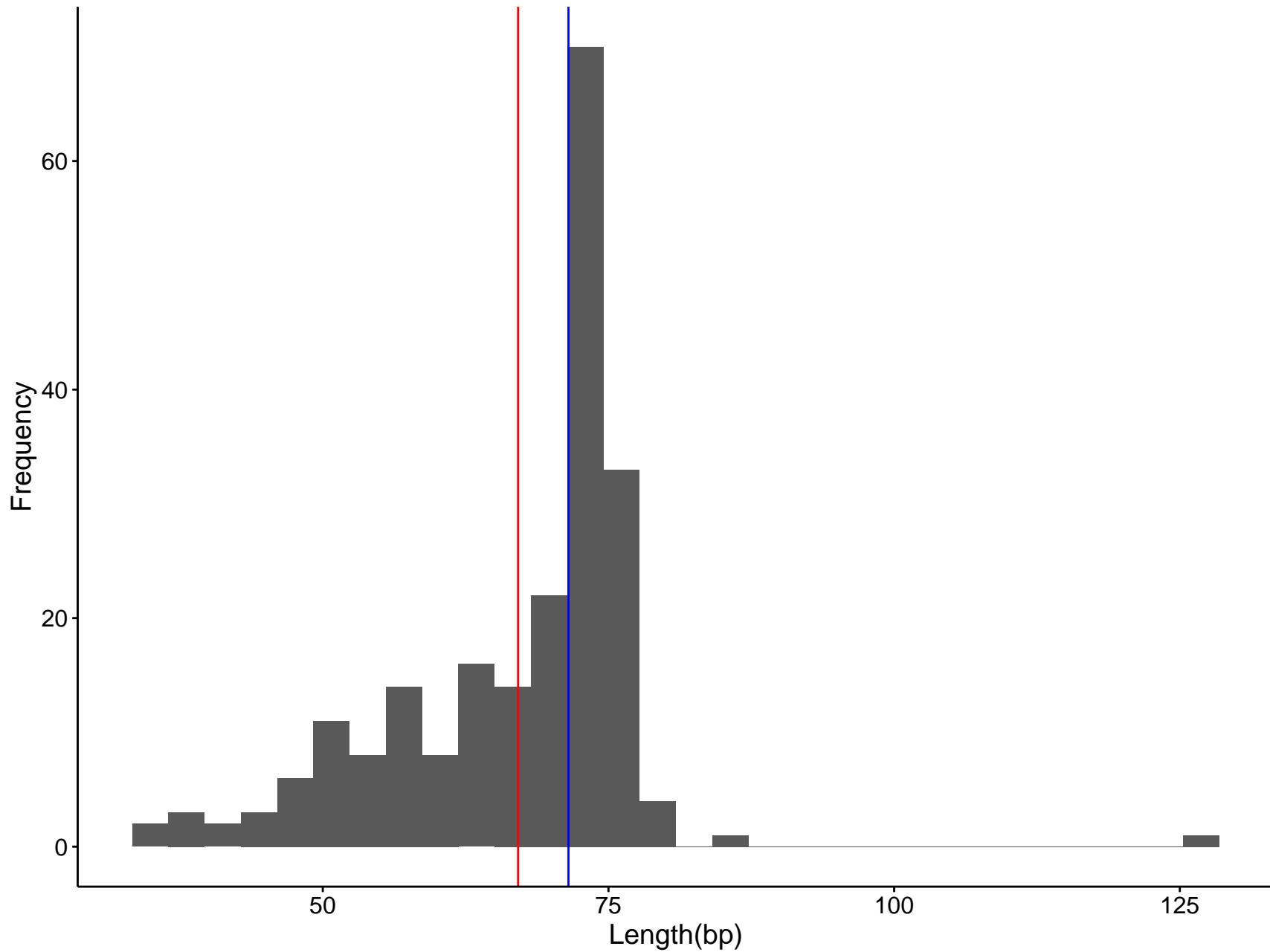
Cluster1719



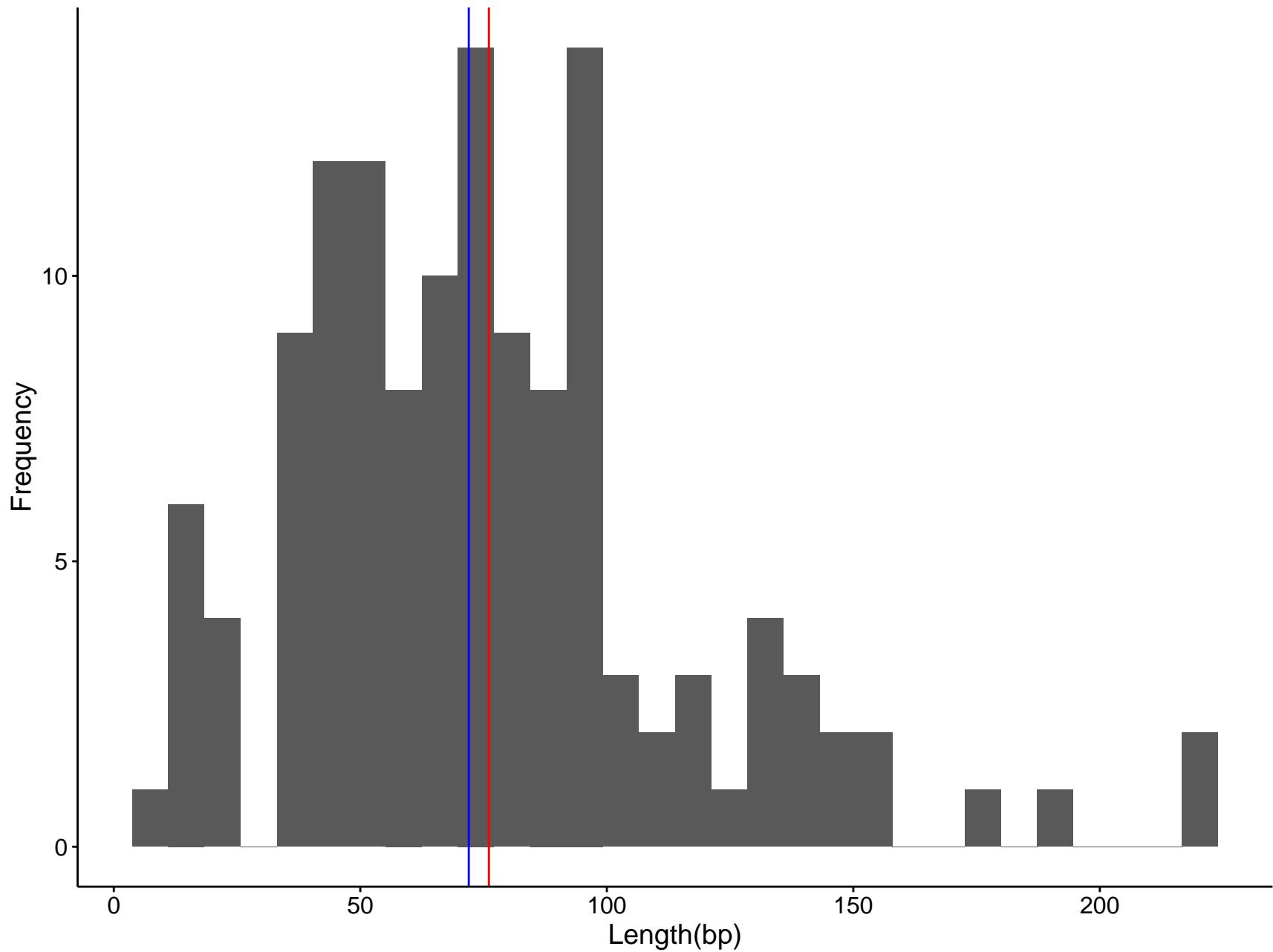
Cluster1720



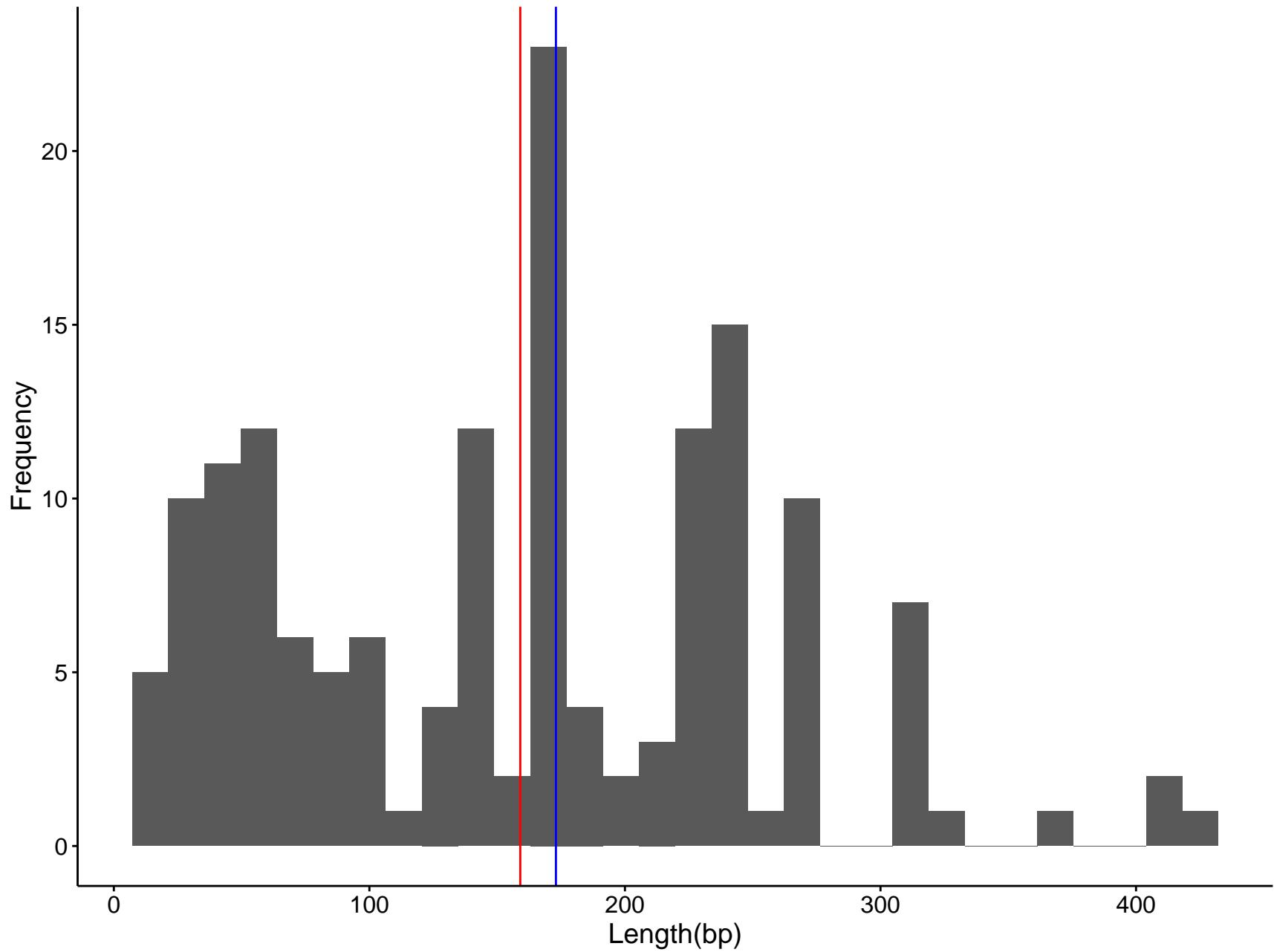
Cluster1721



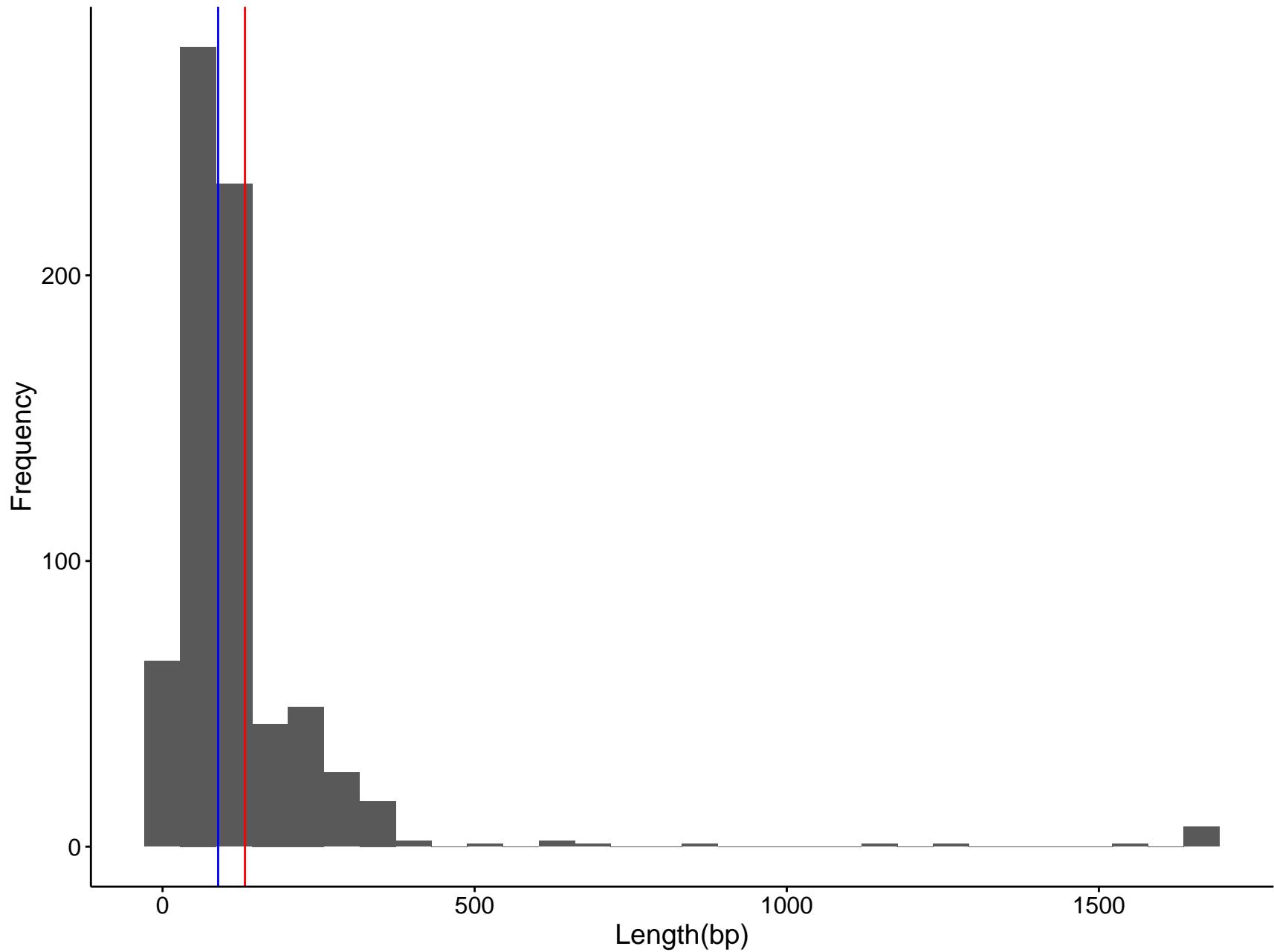
Cluster1722



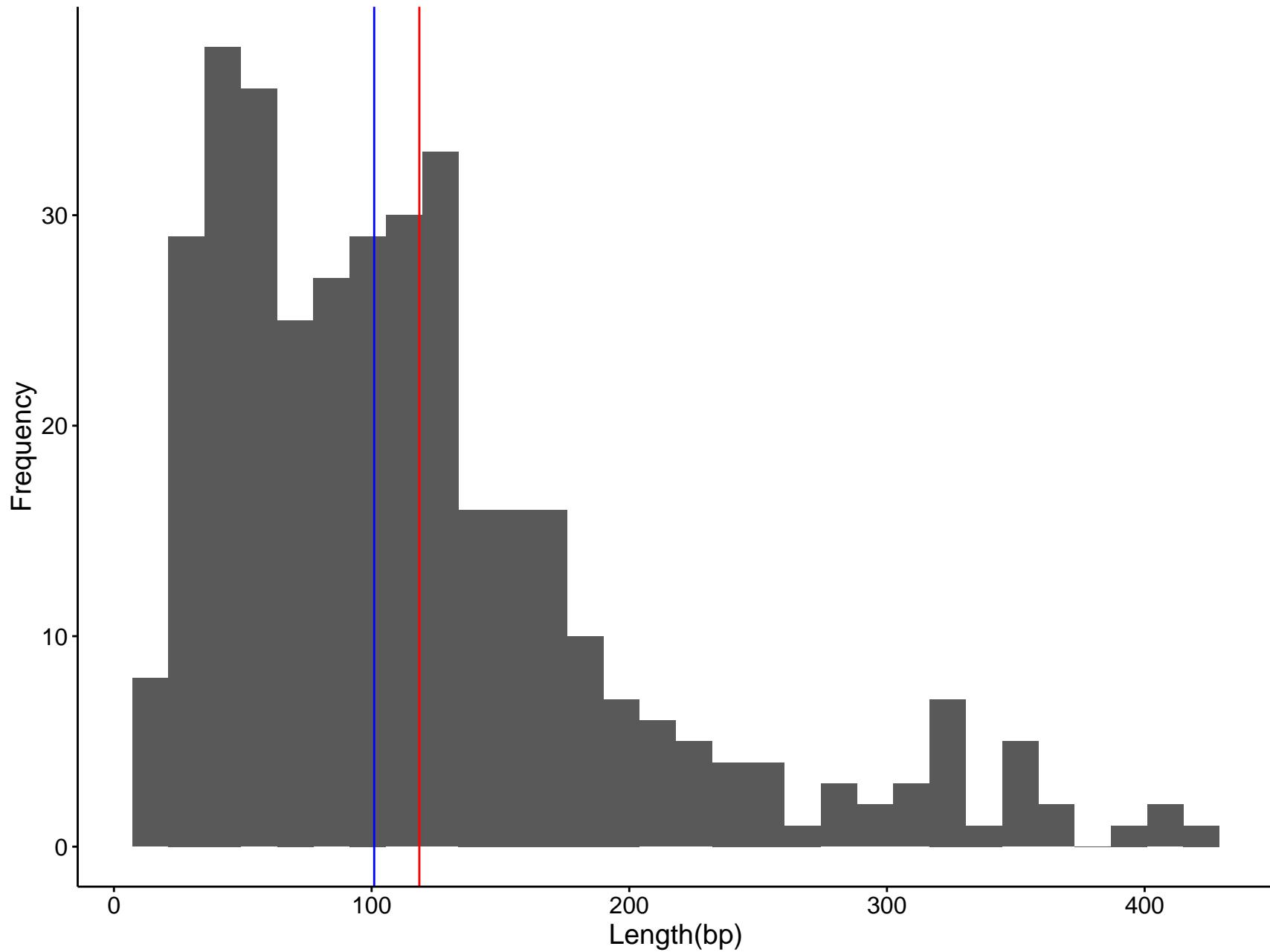
Cluster1723



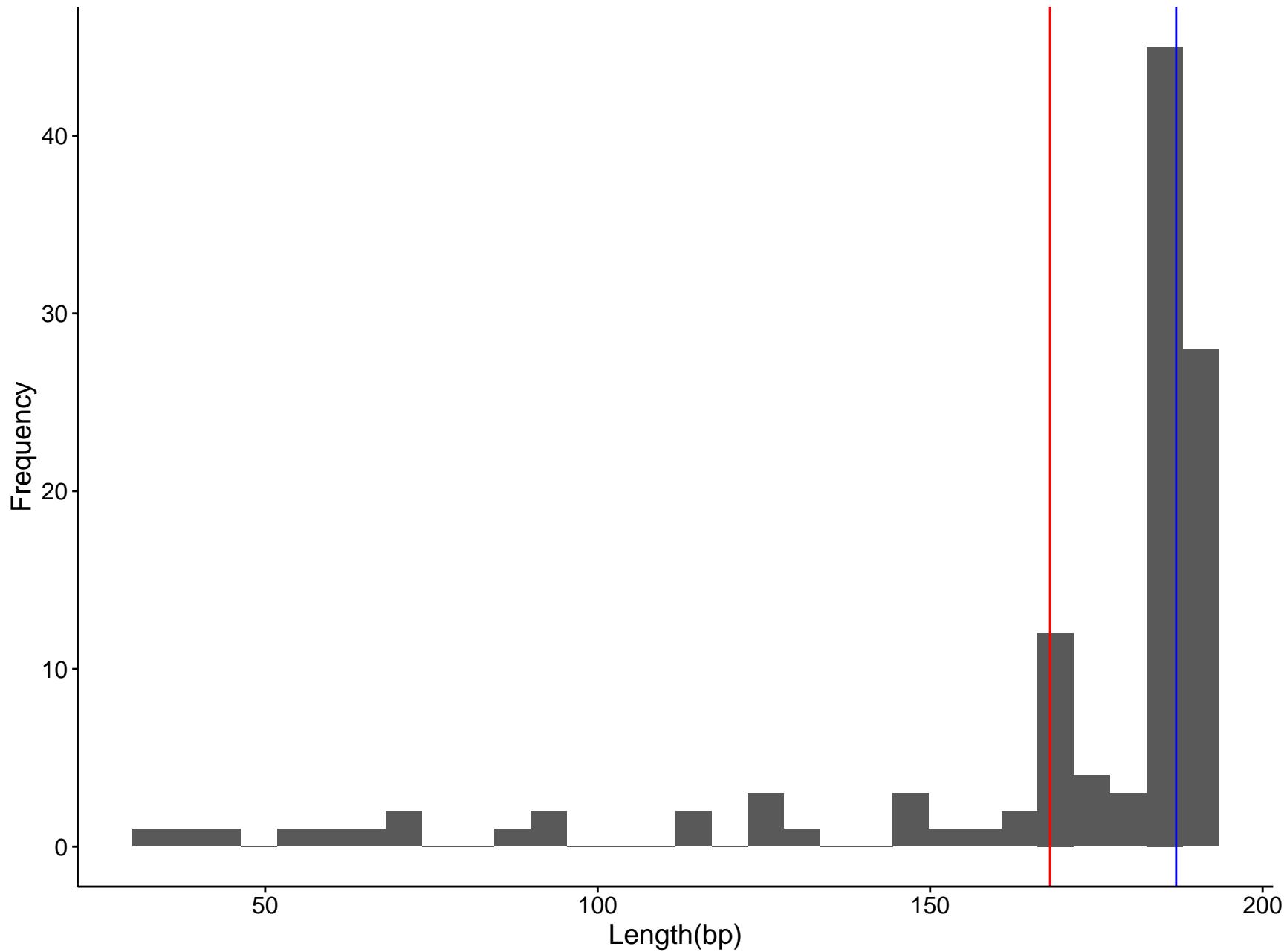
Cluster1724



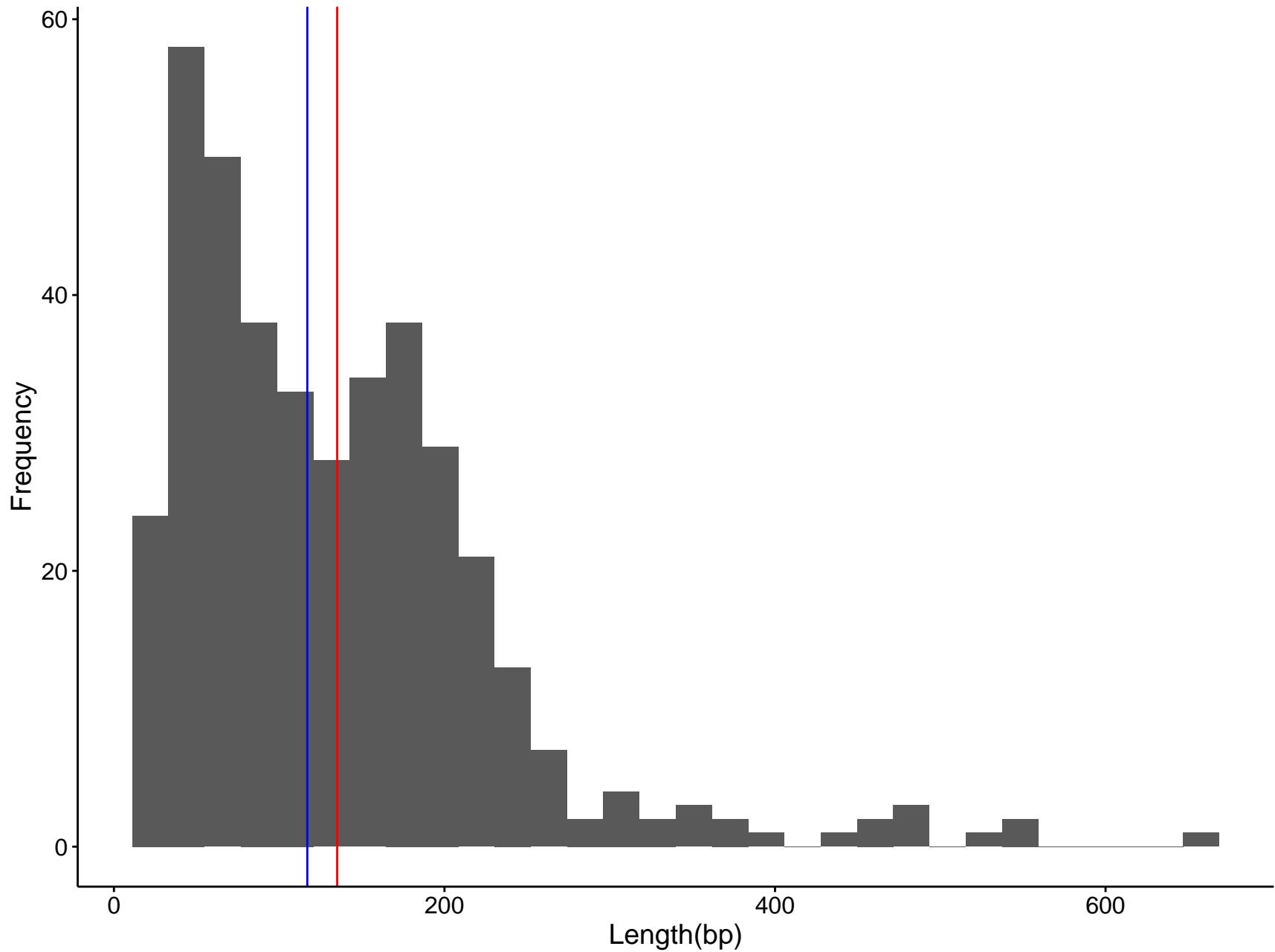
Cluster1725



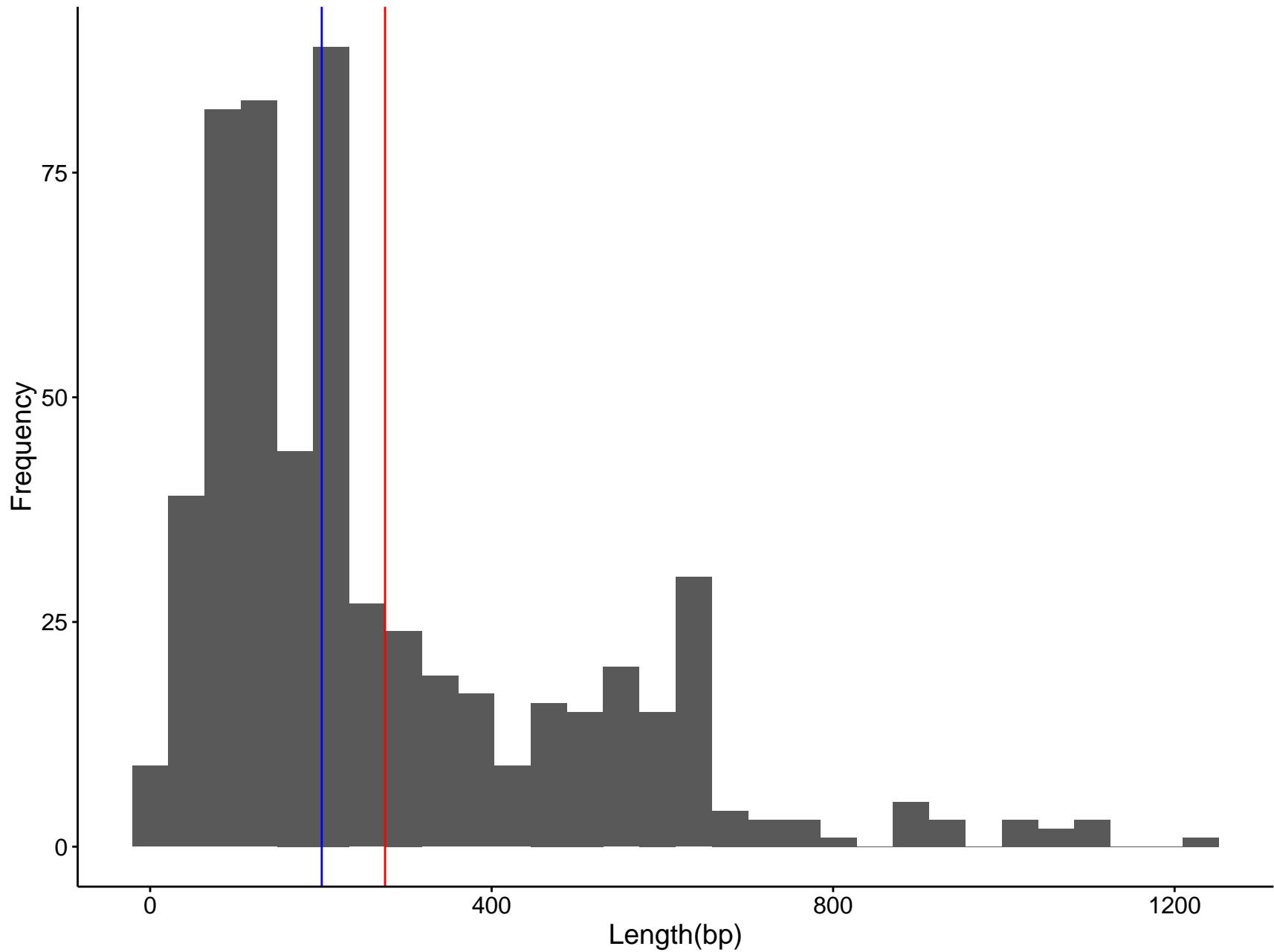
Cluster1726



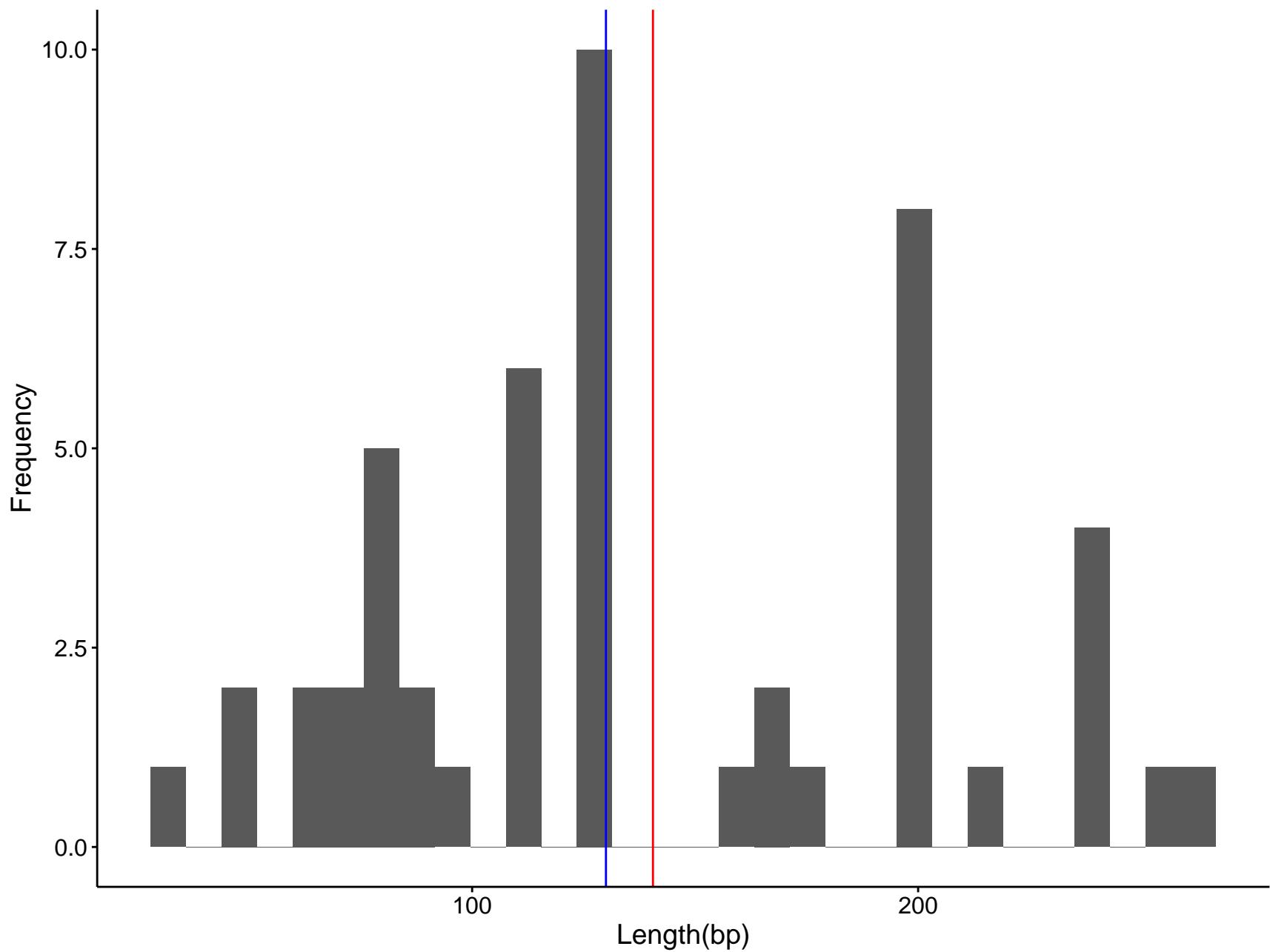
Cluster1727



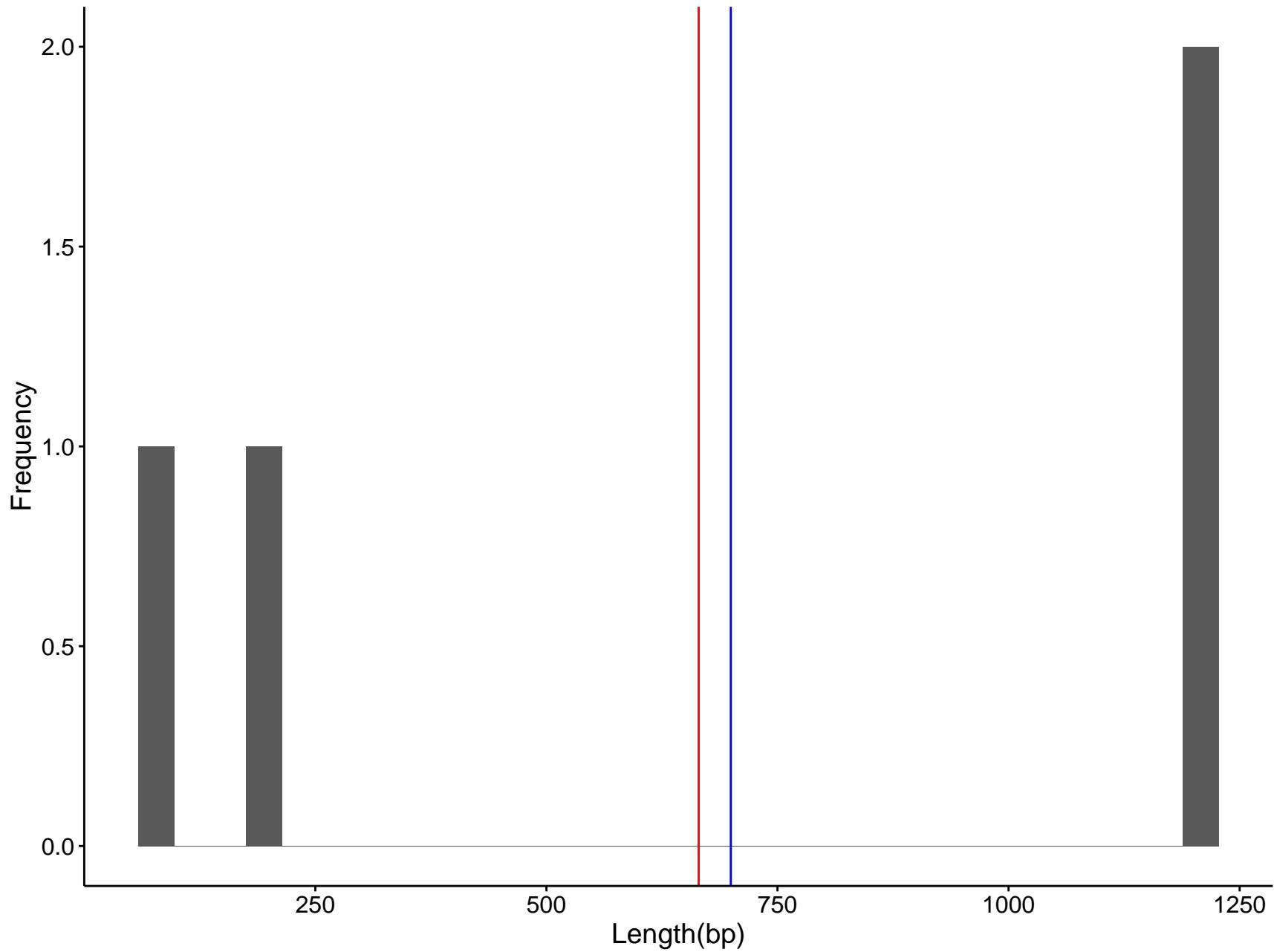
Cluster1728



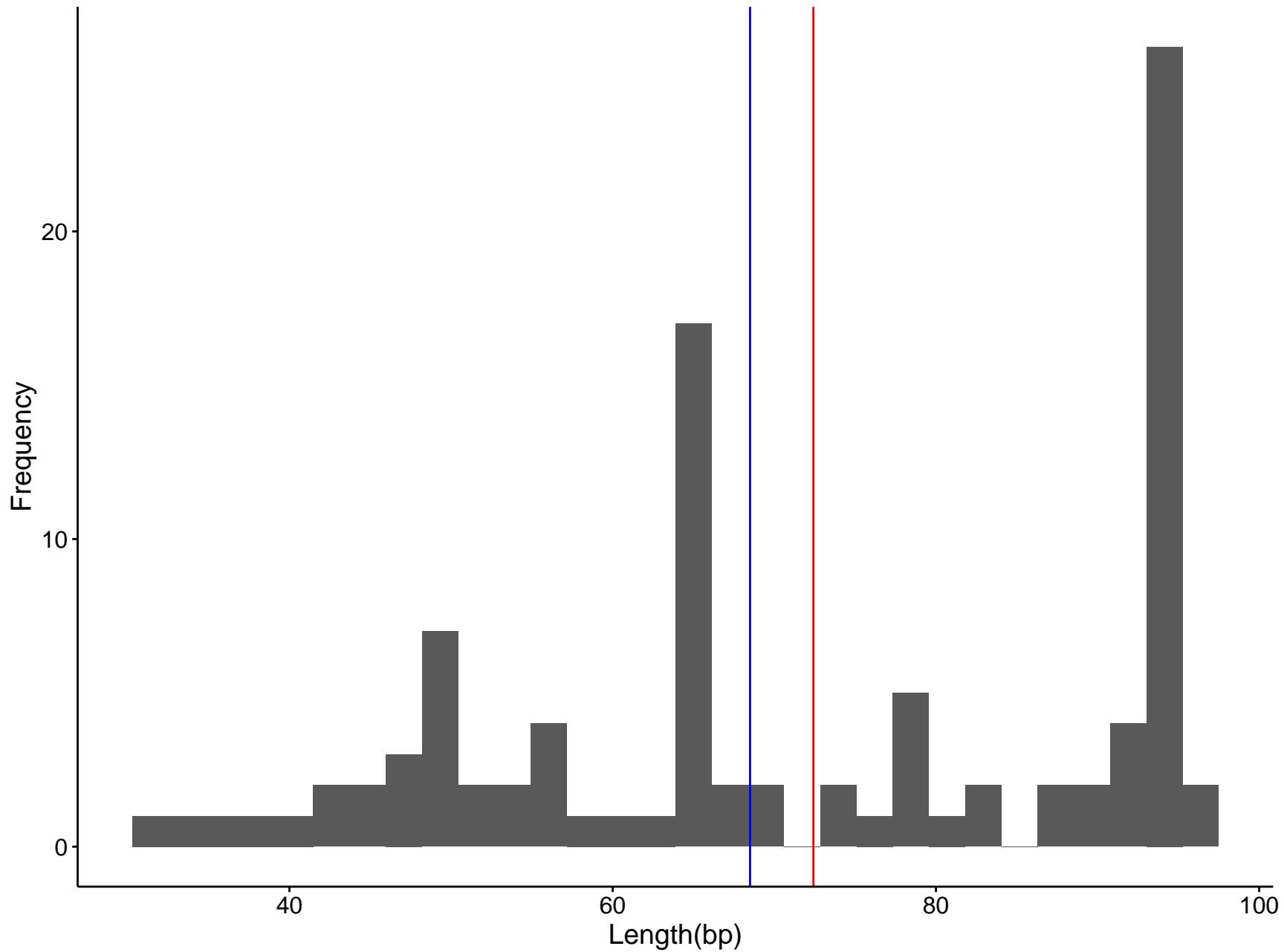
Cluster1729



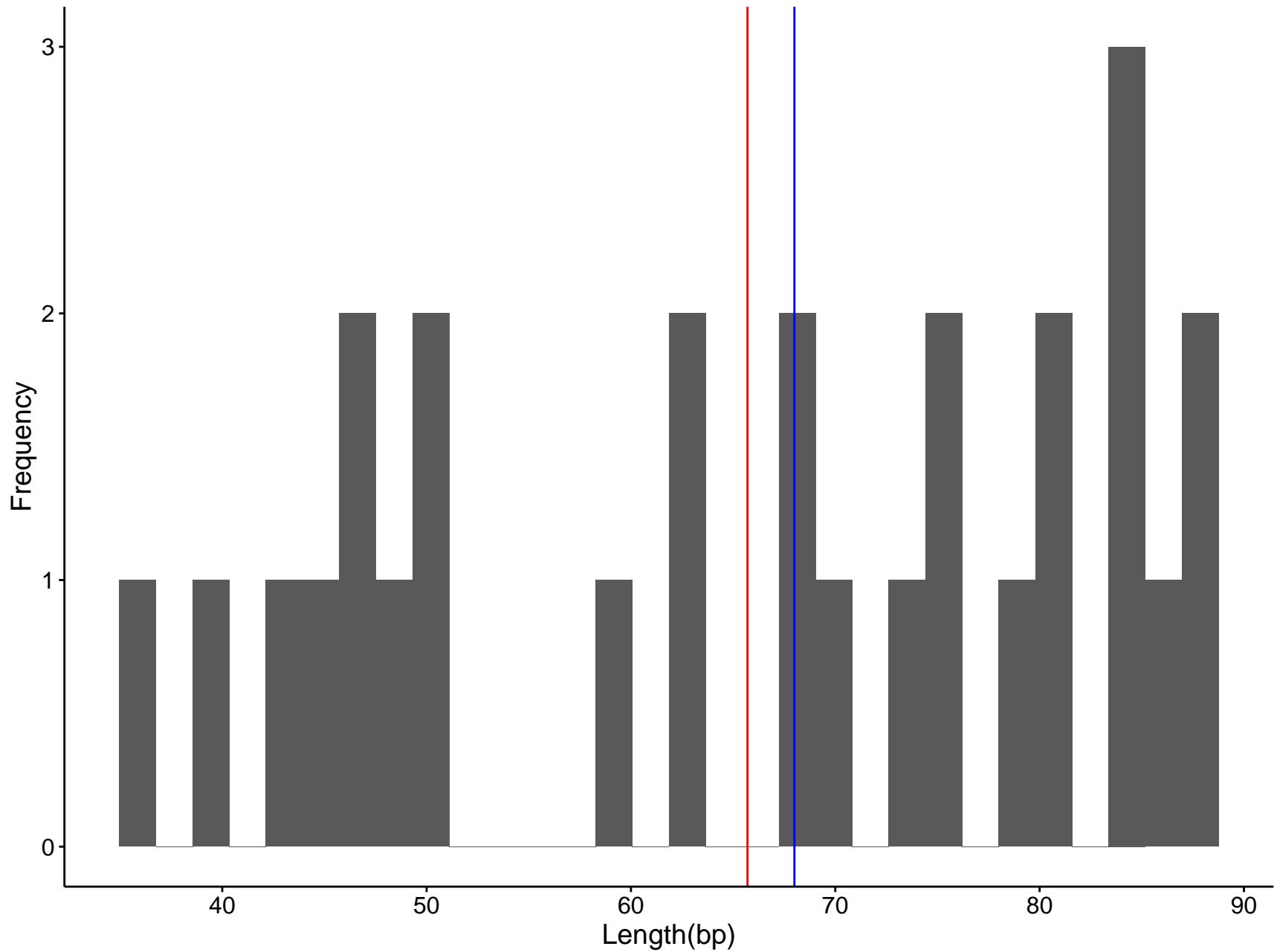
Cluster172



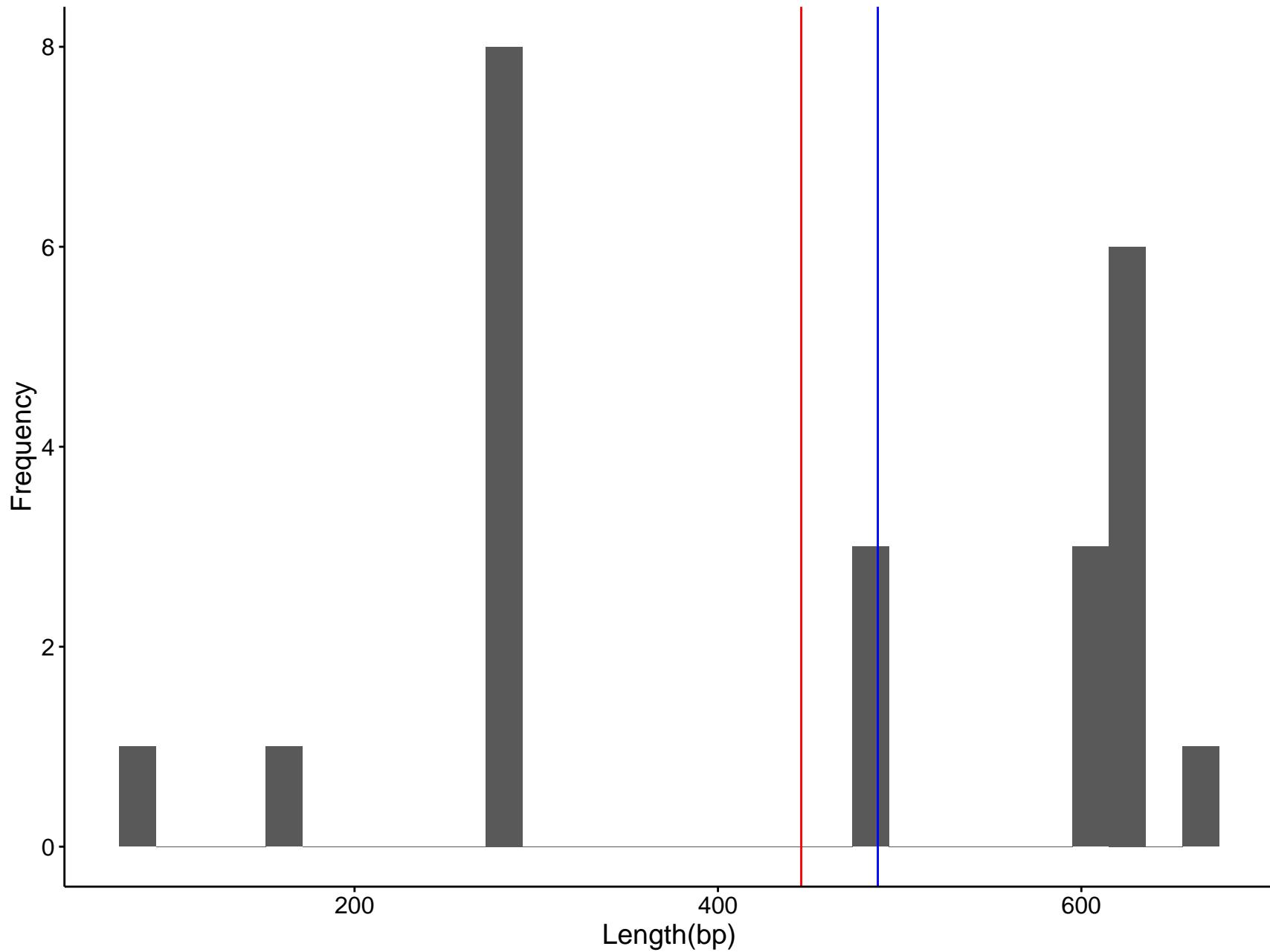
Cluster1730



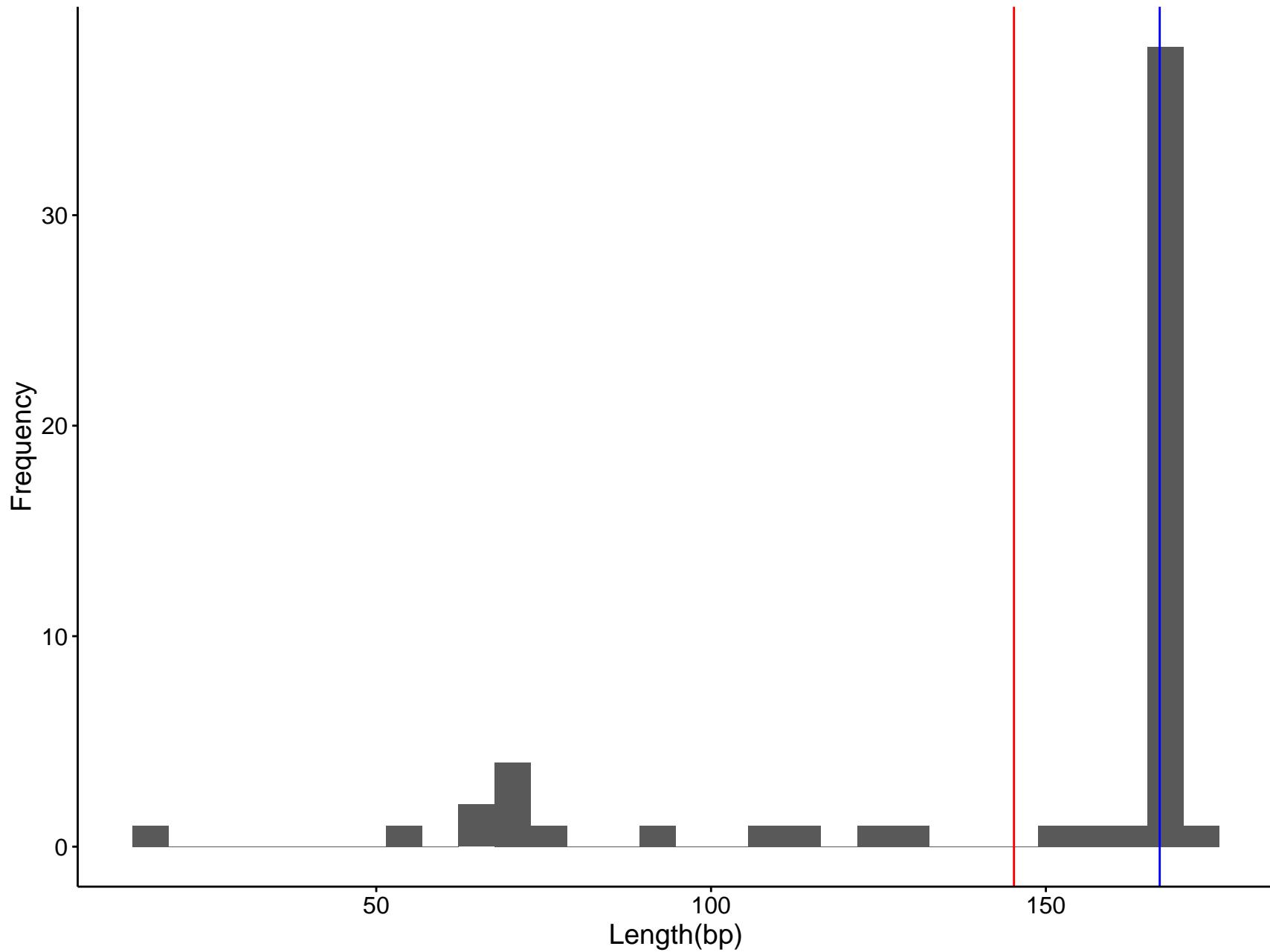
Cluster1731



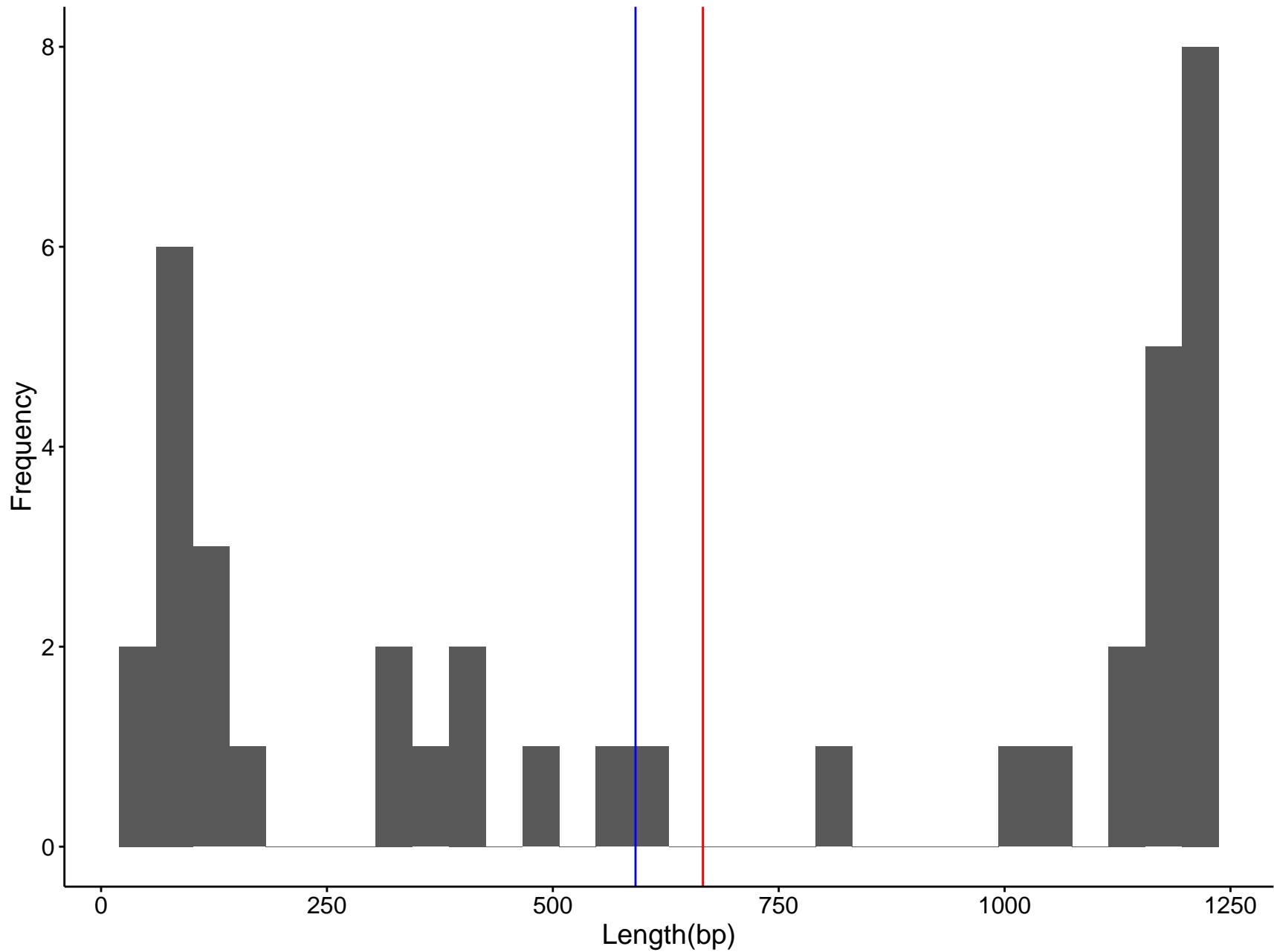
Cluster1732



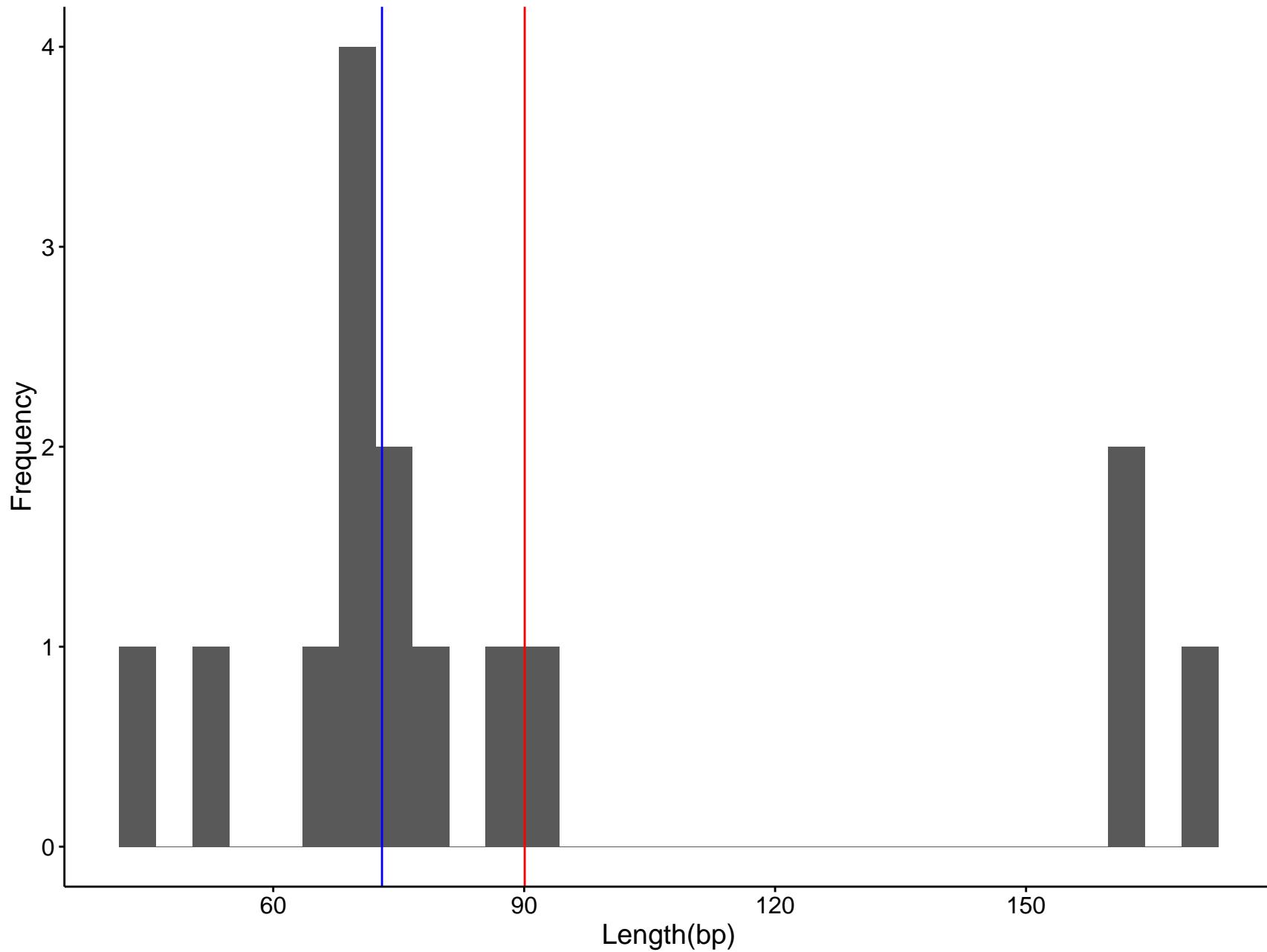
Cluster1734



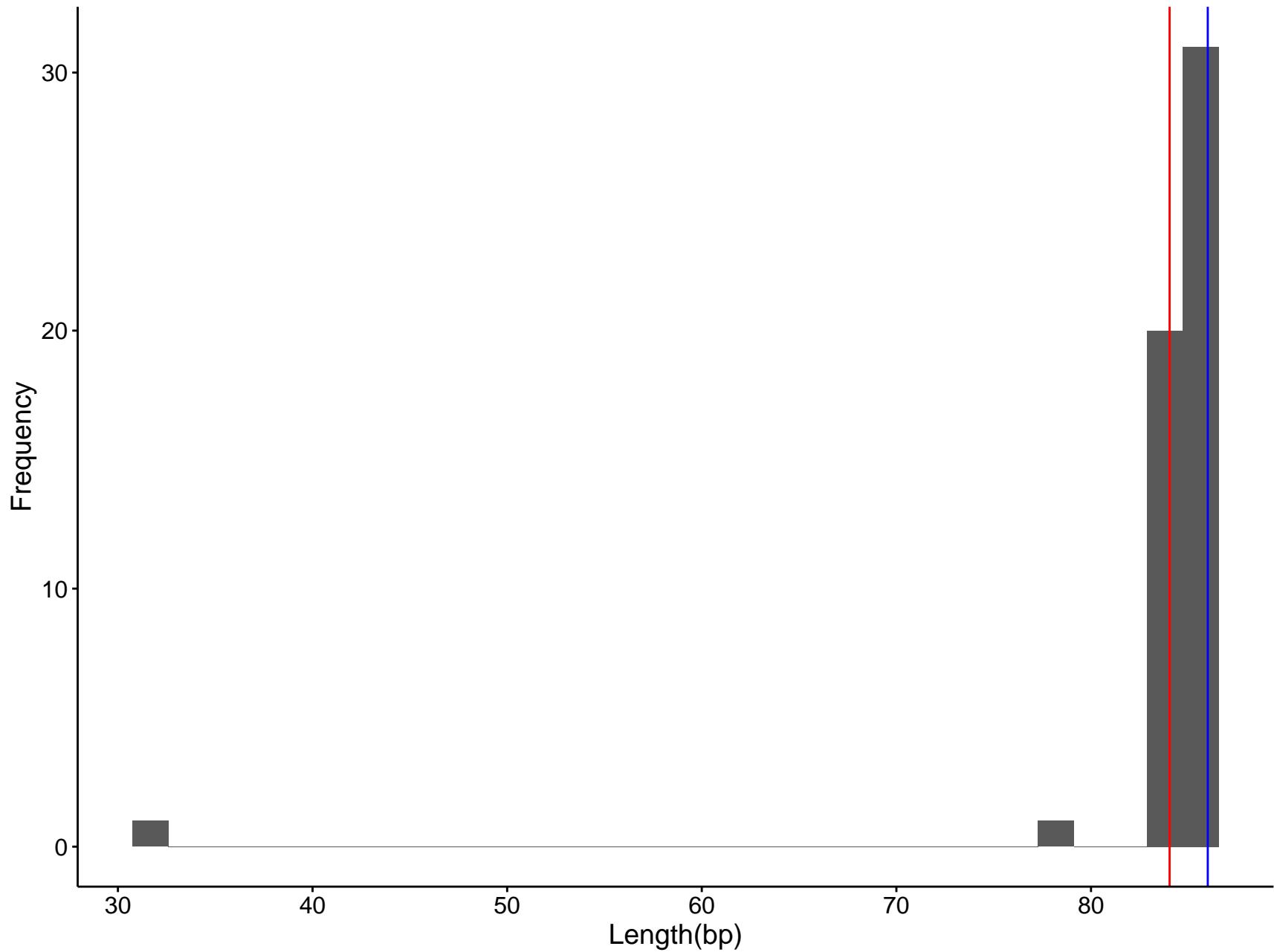
Cluster1735



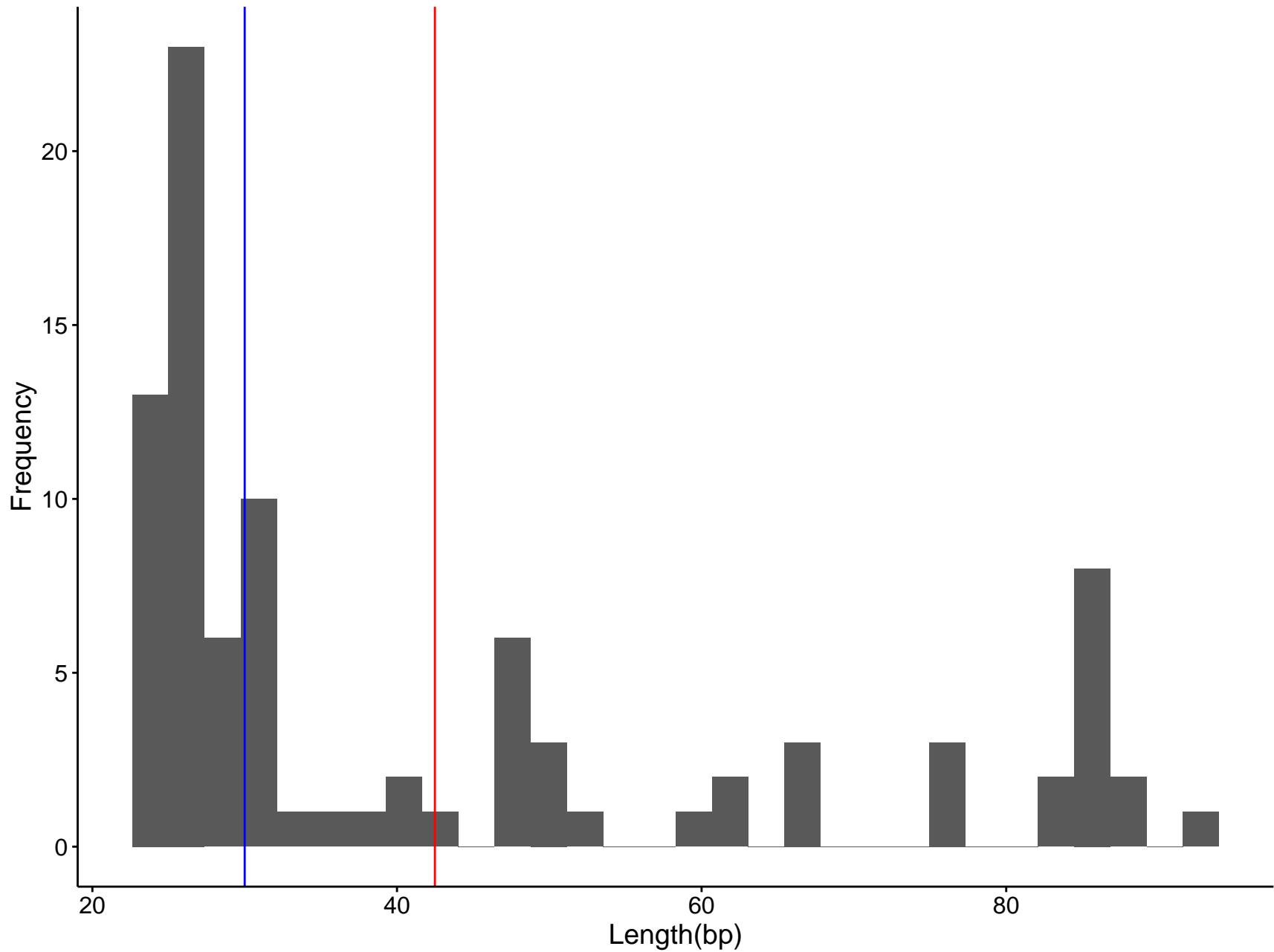
Cluster1736



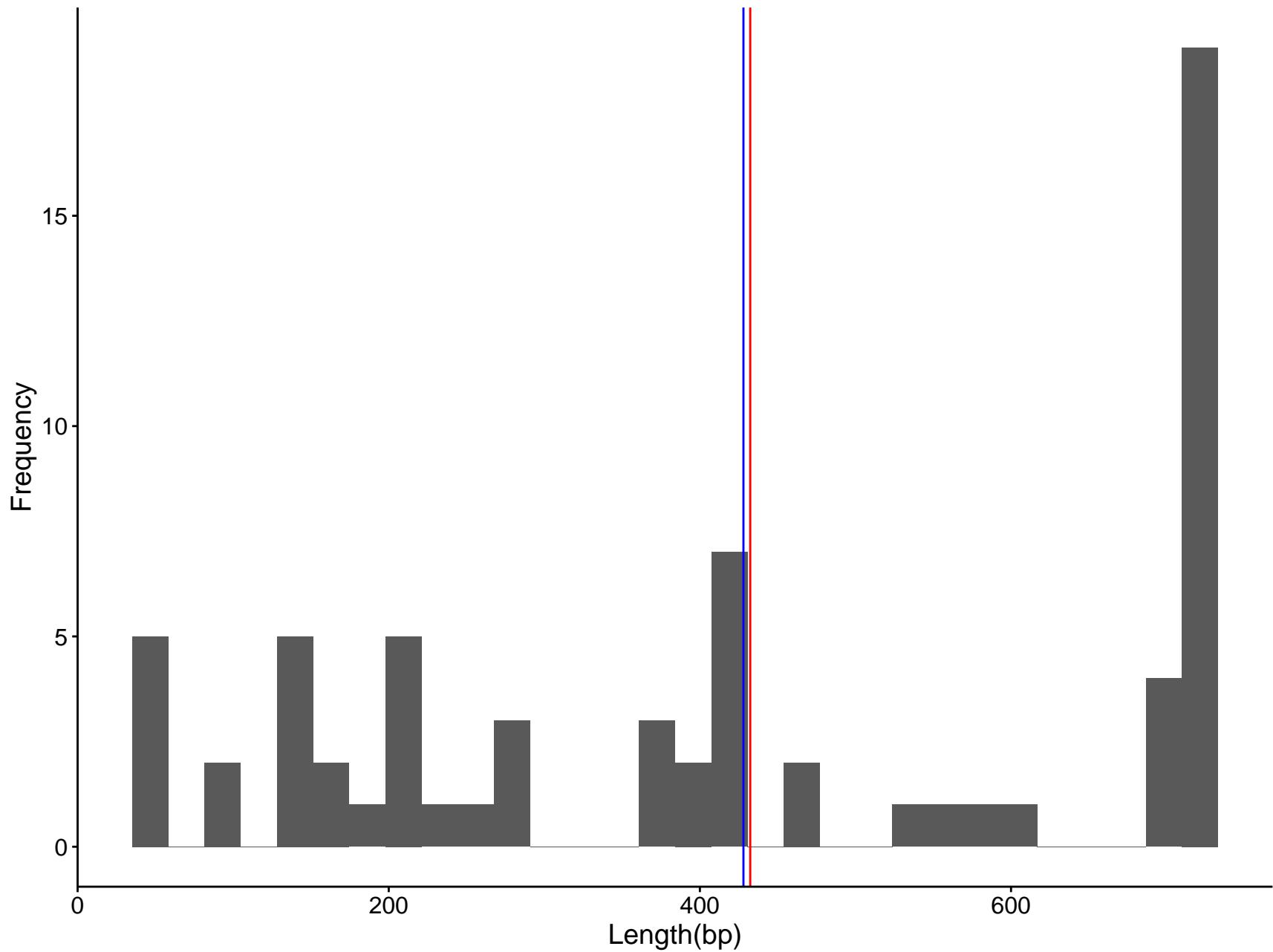
Cluster1737



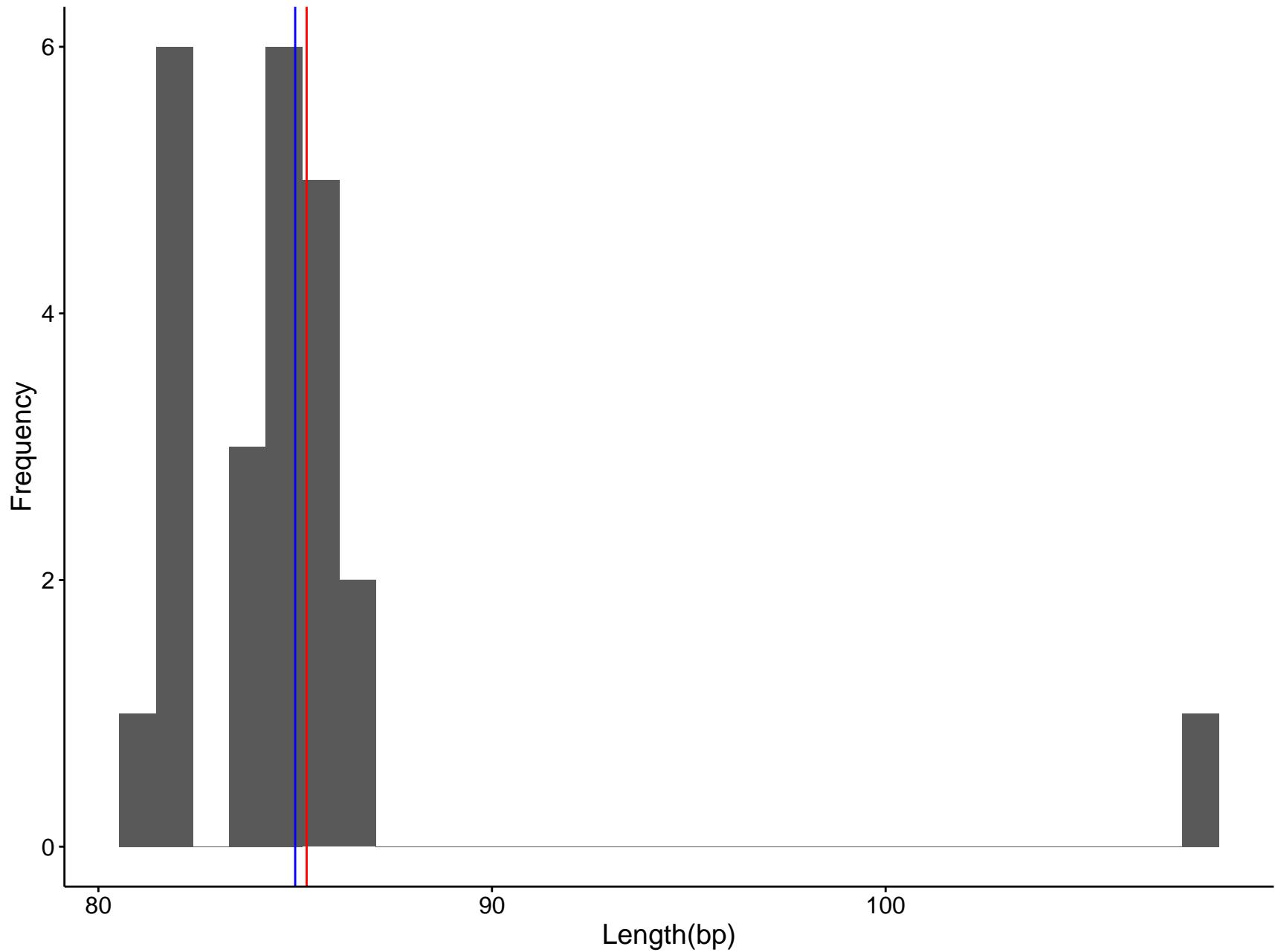
Cluster1738



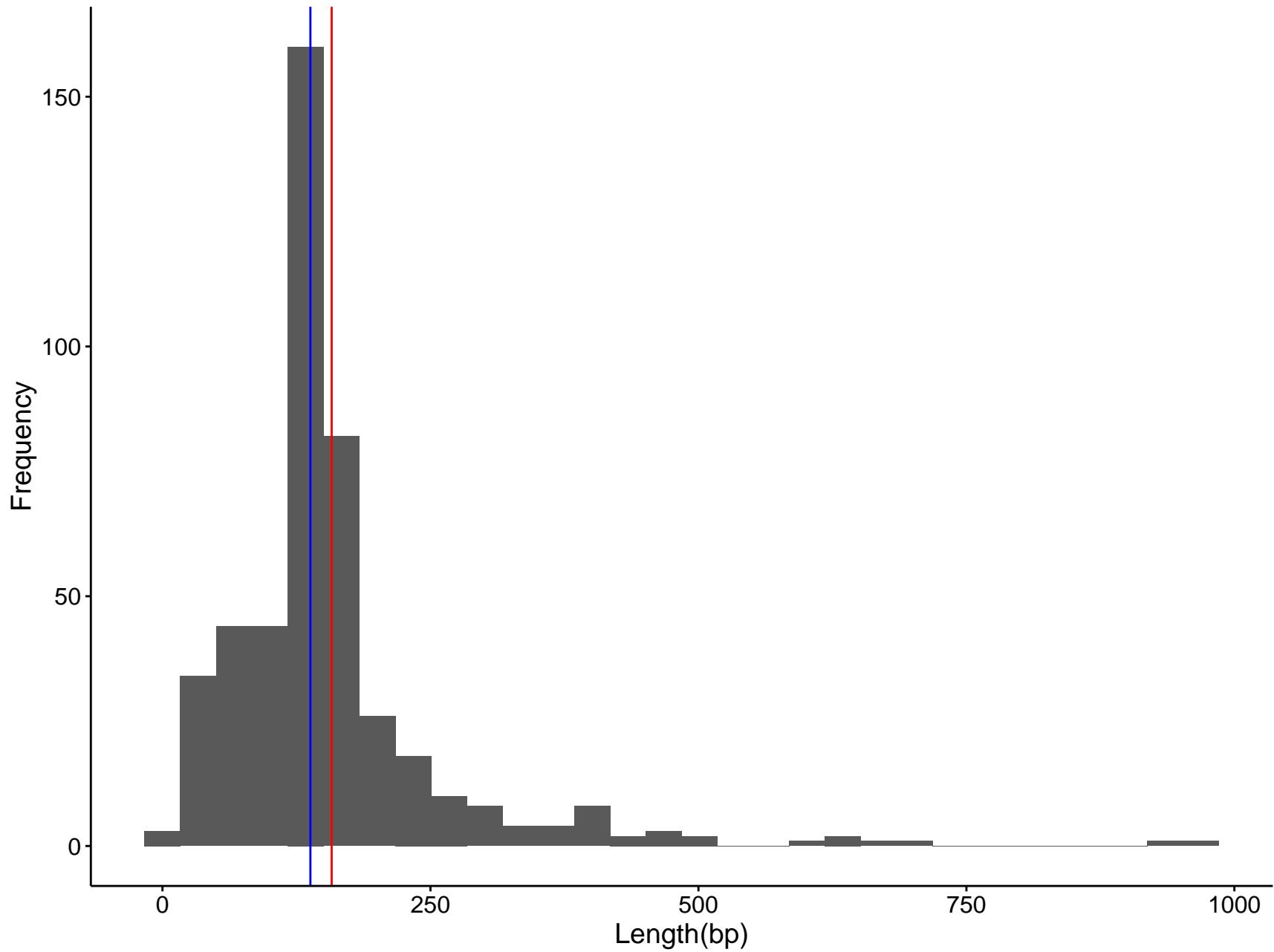
Cluster1739



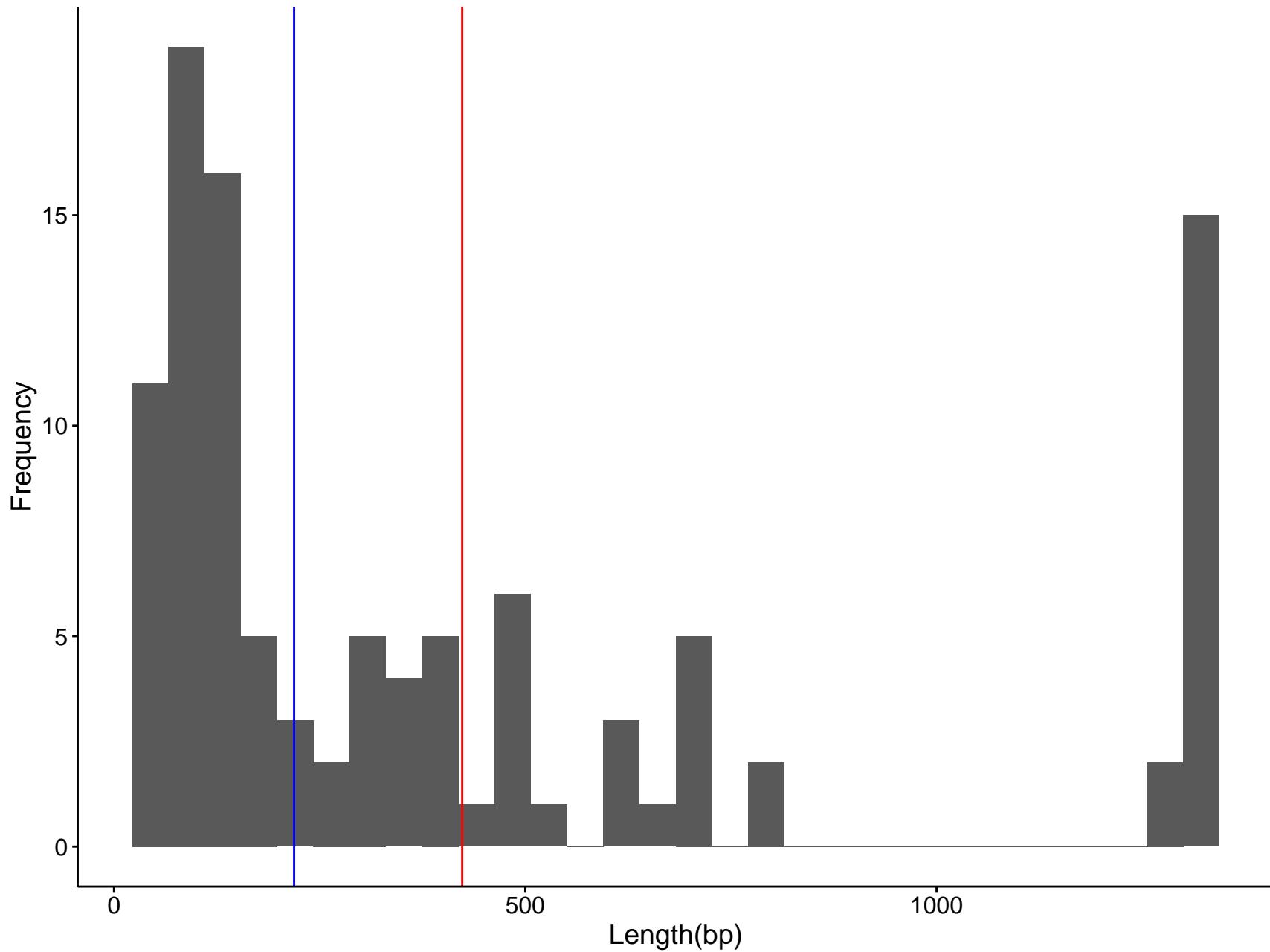
Cluster1741



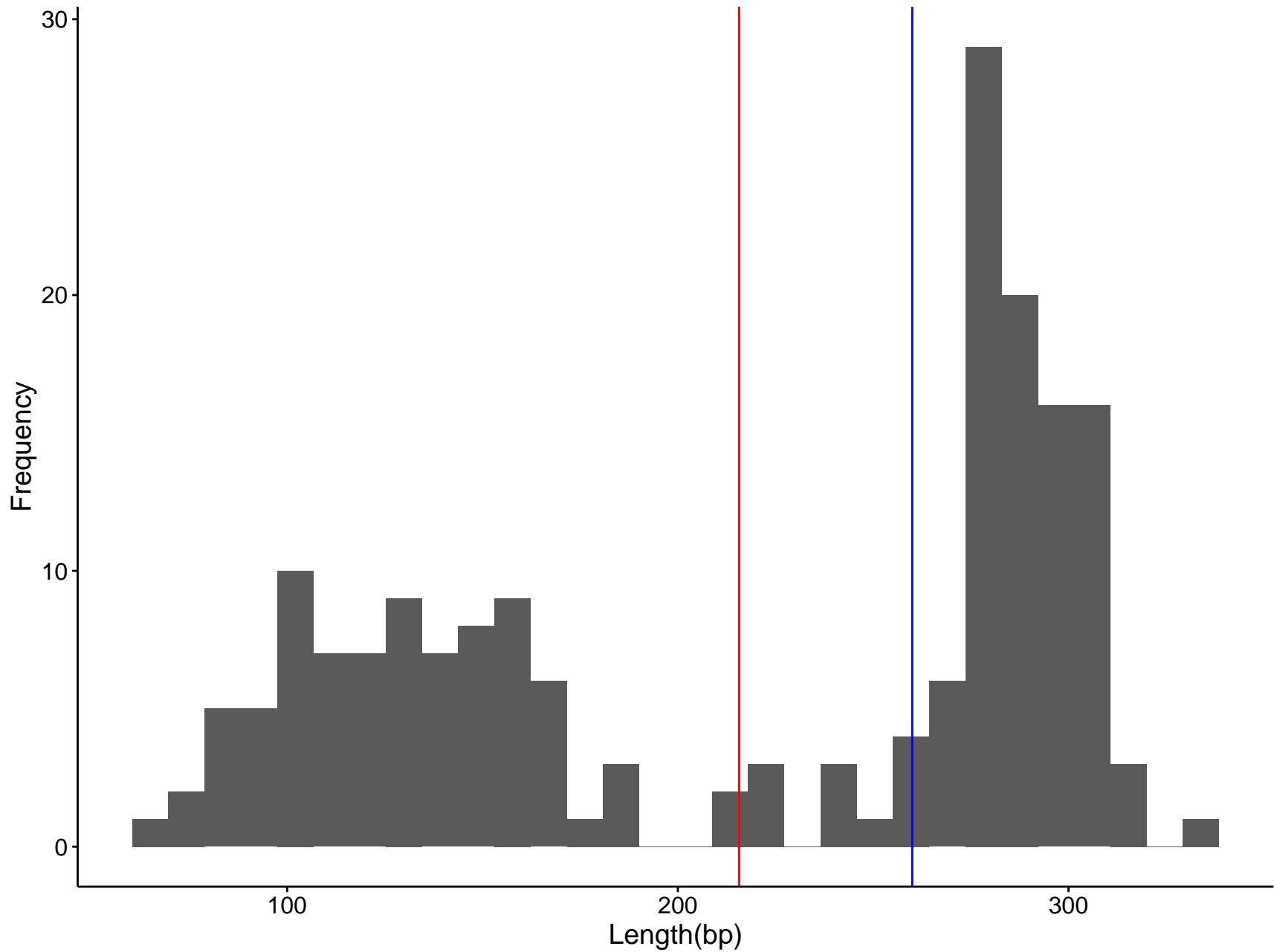
Cluster1743



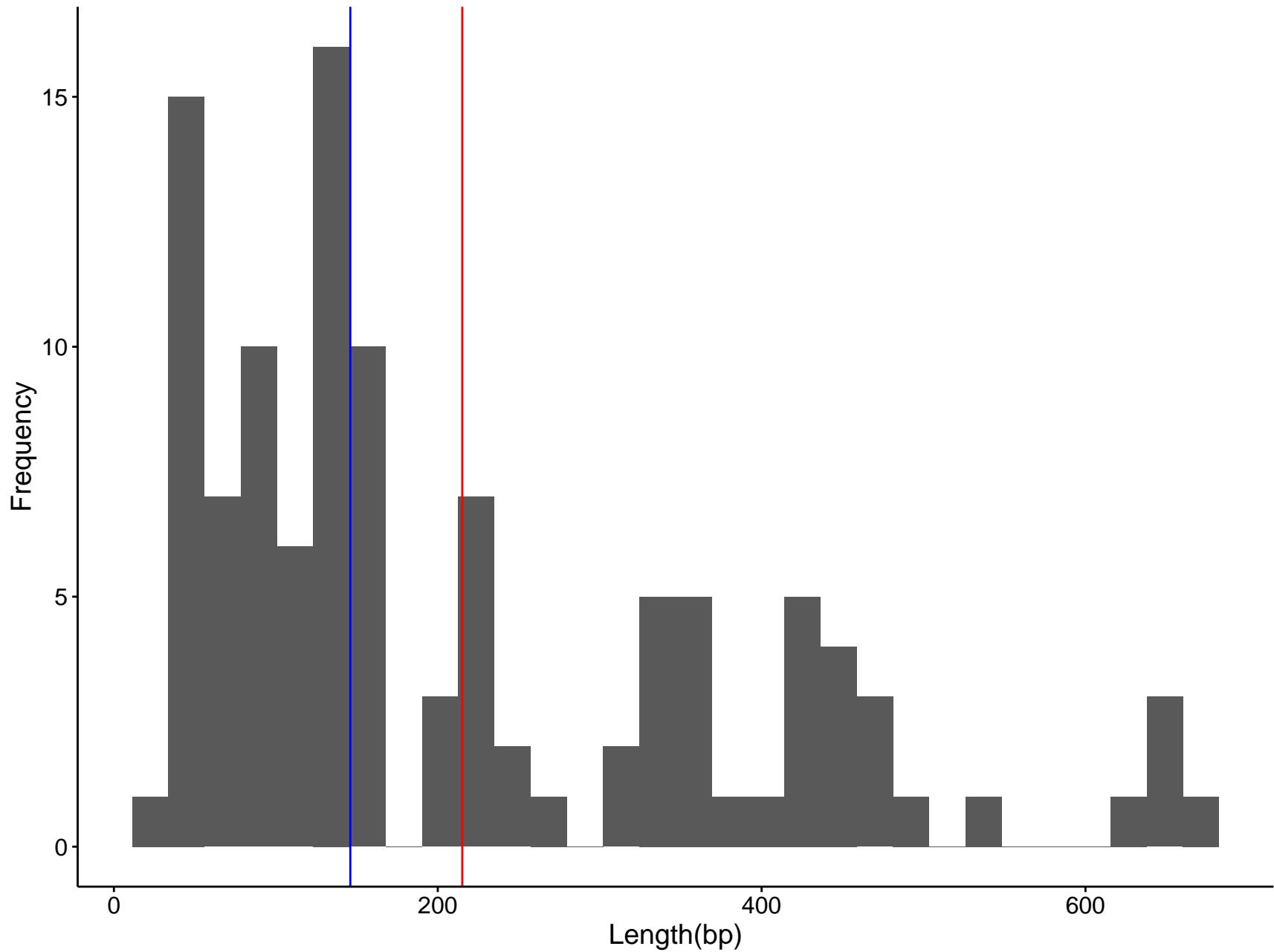
Cluster1745



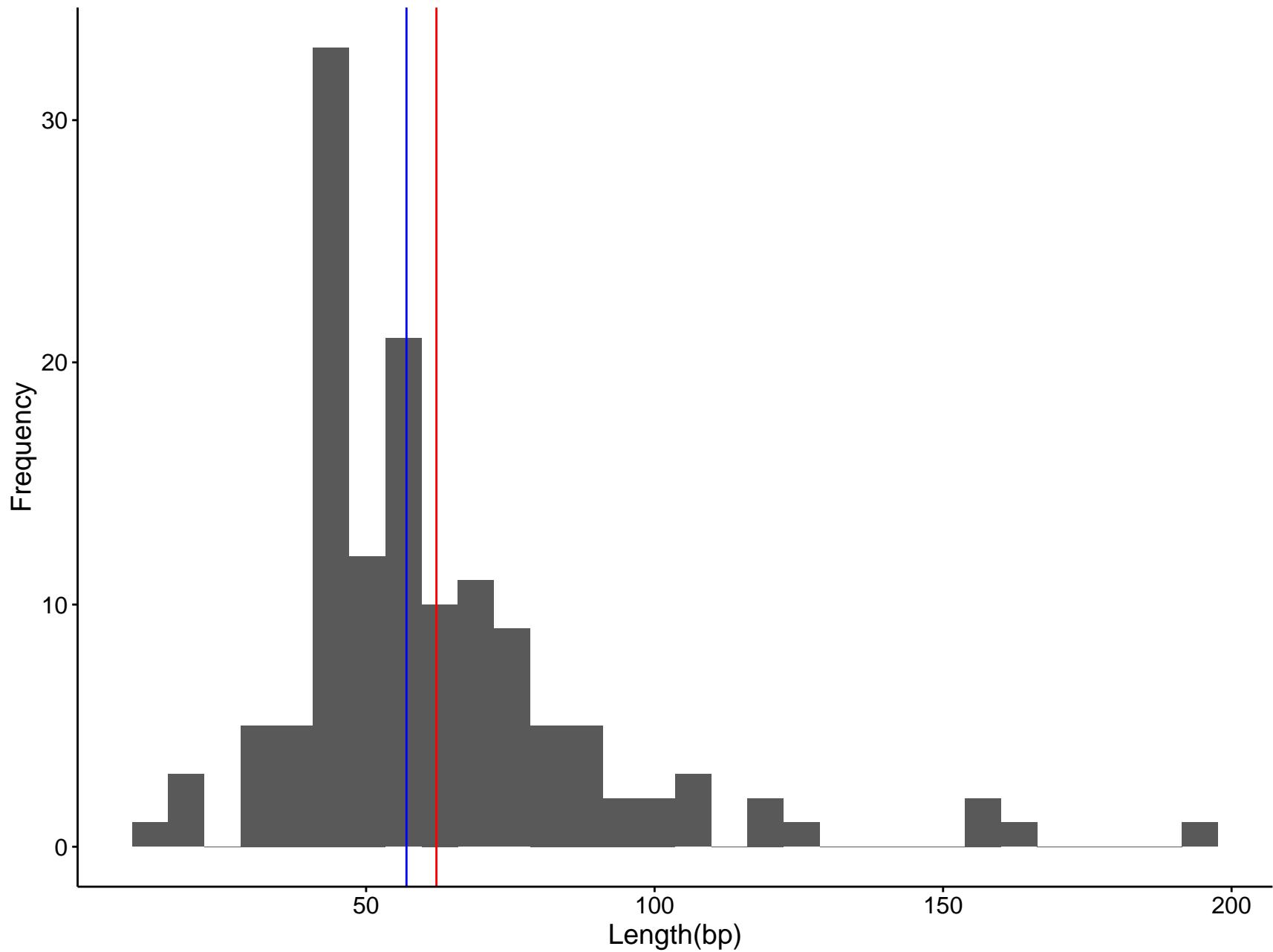
Cluster1746



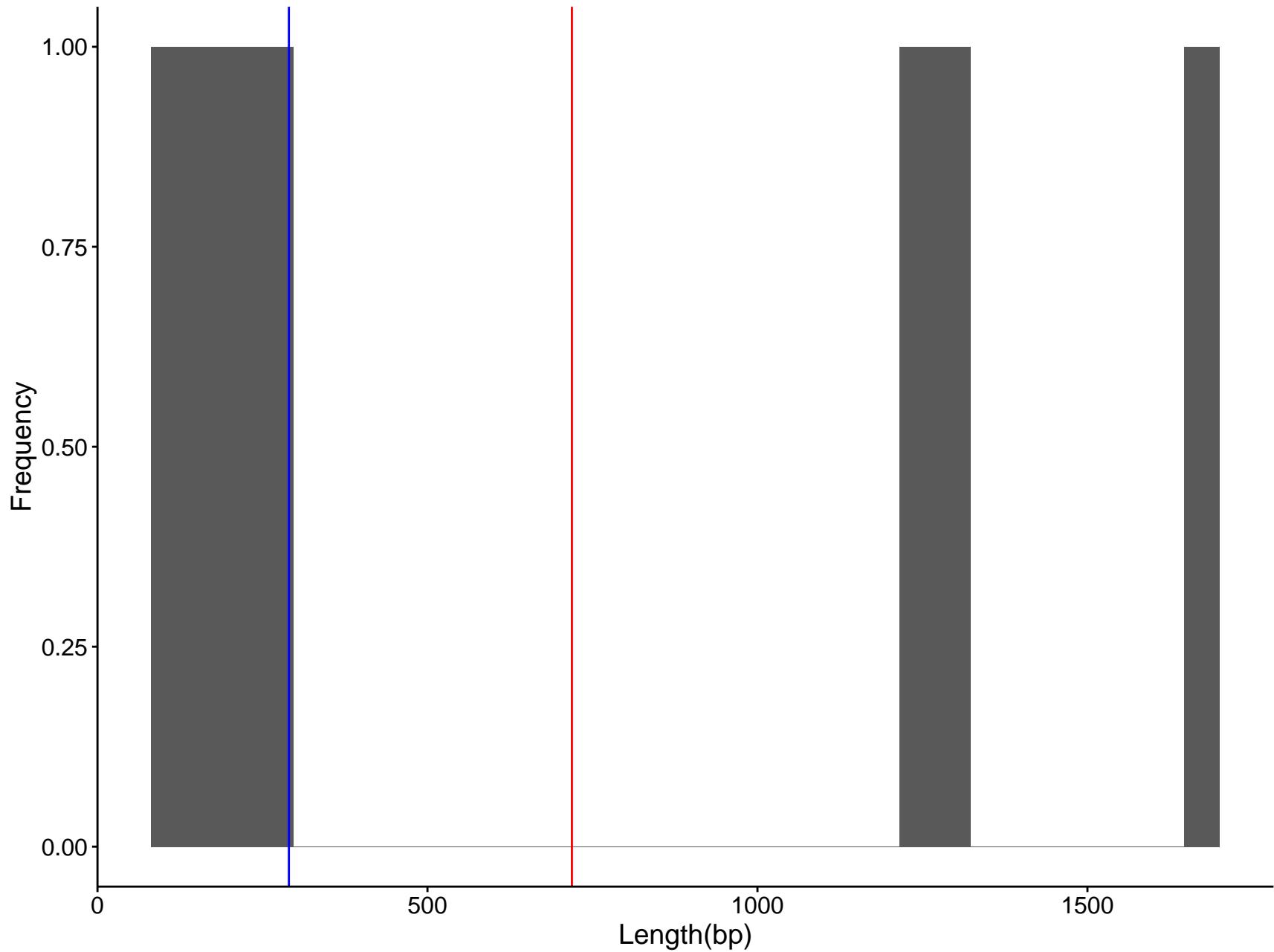
Cluster1747



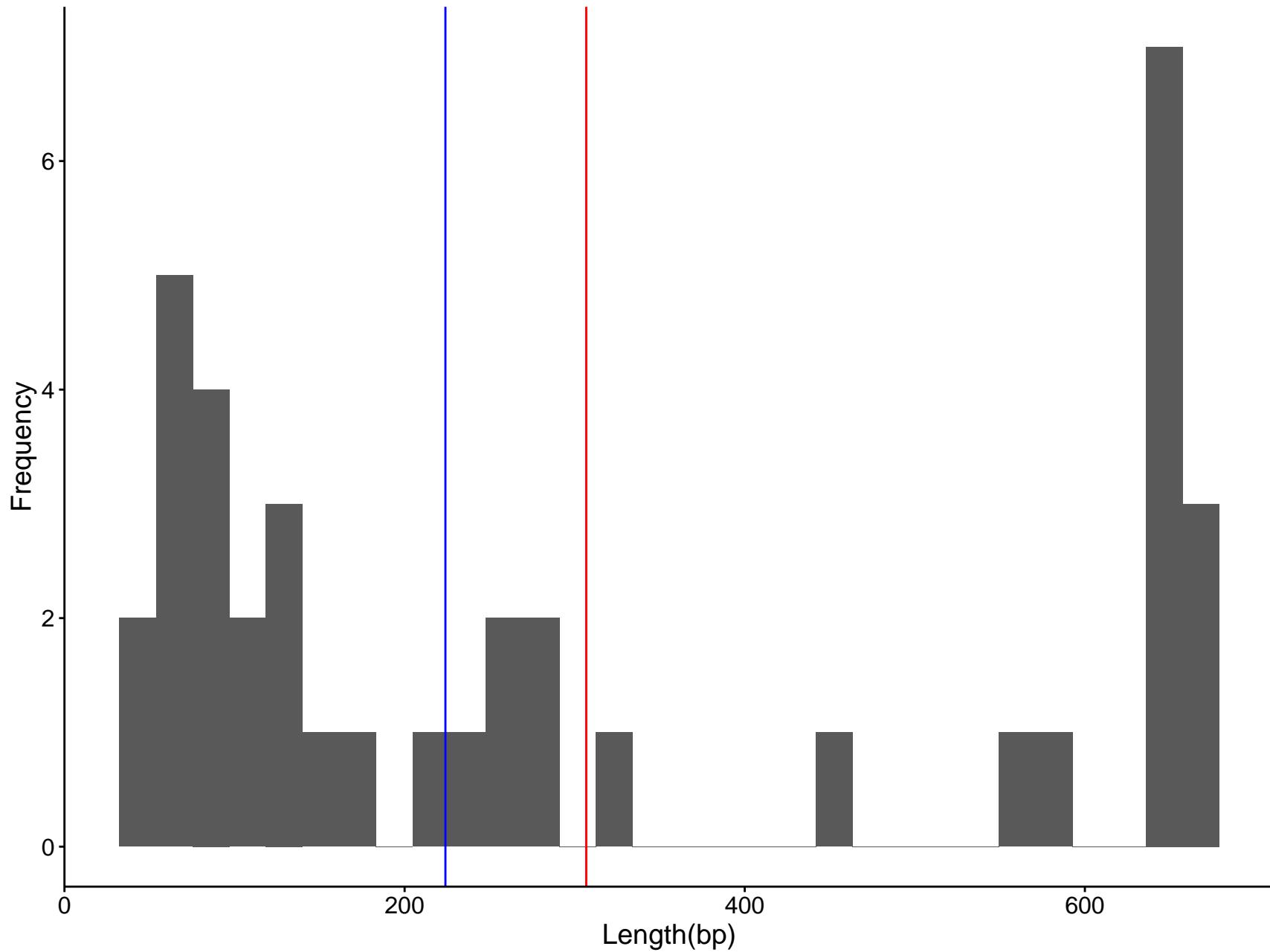
Cluster1749



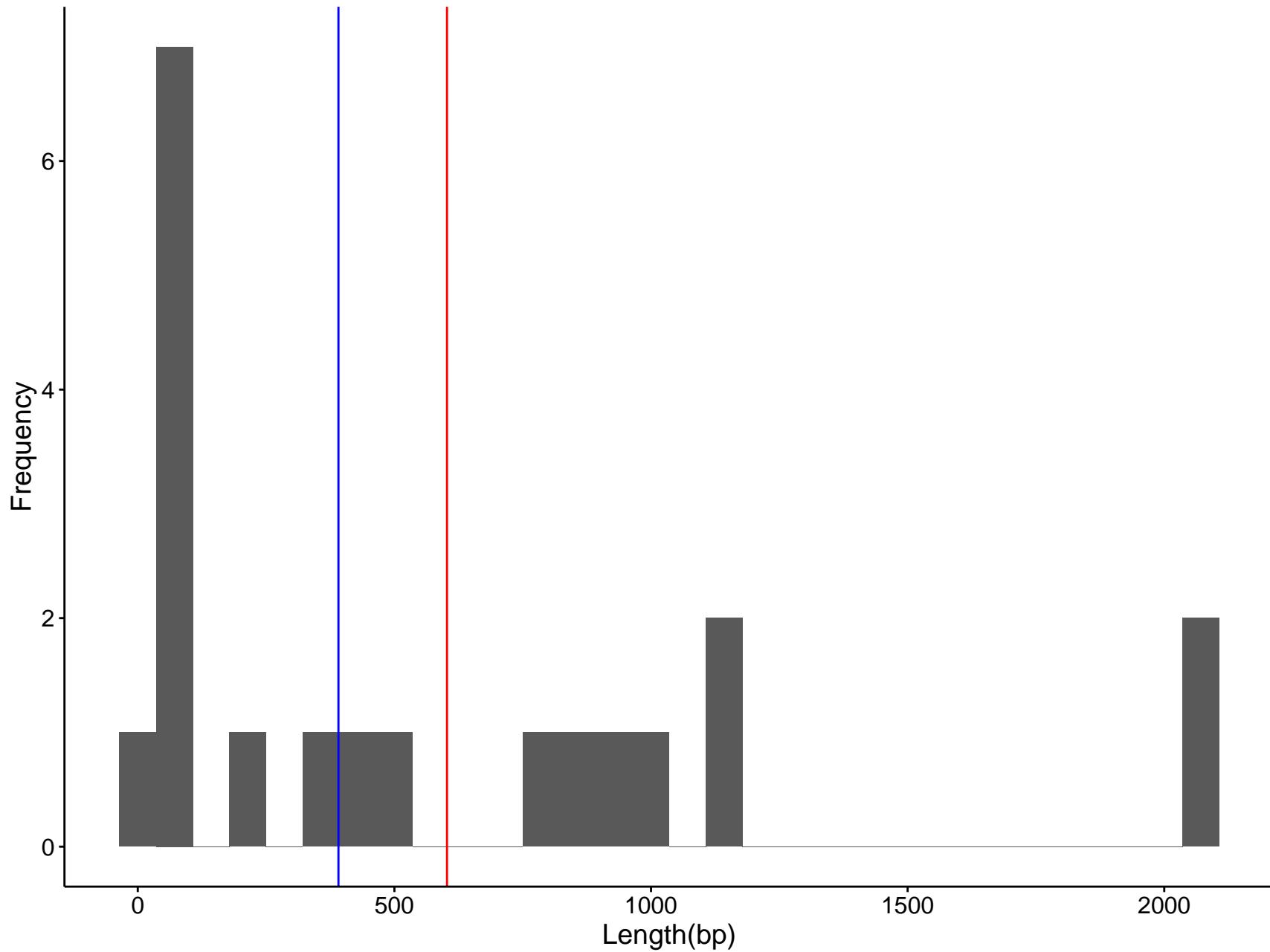
Cluster174

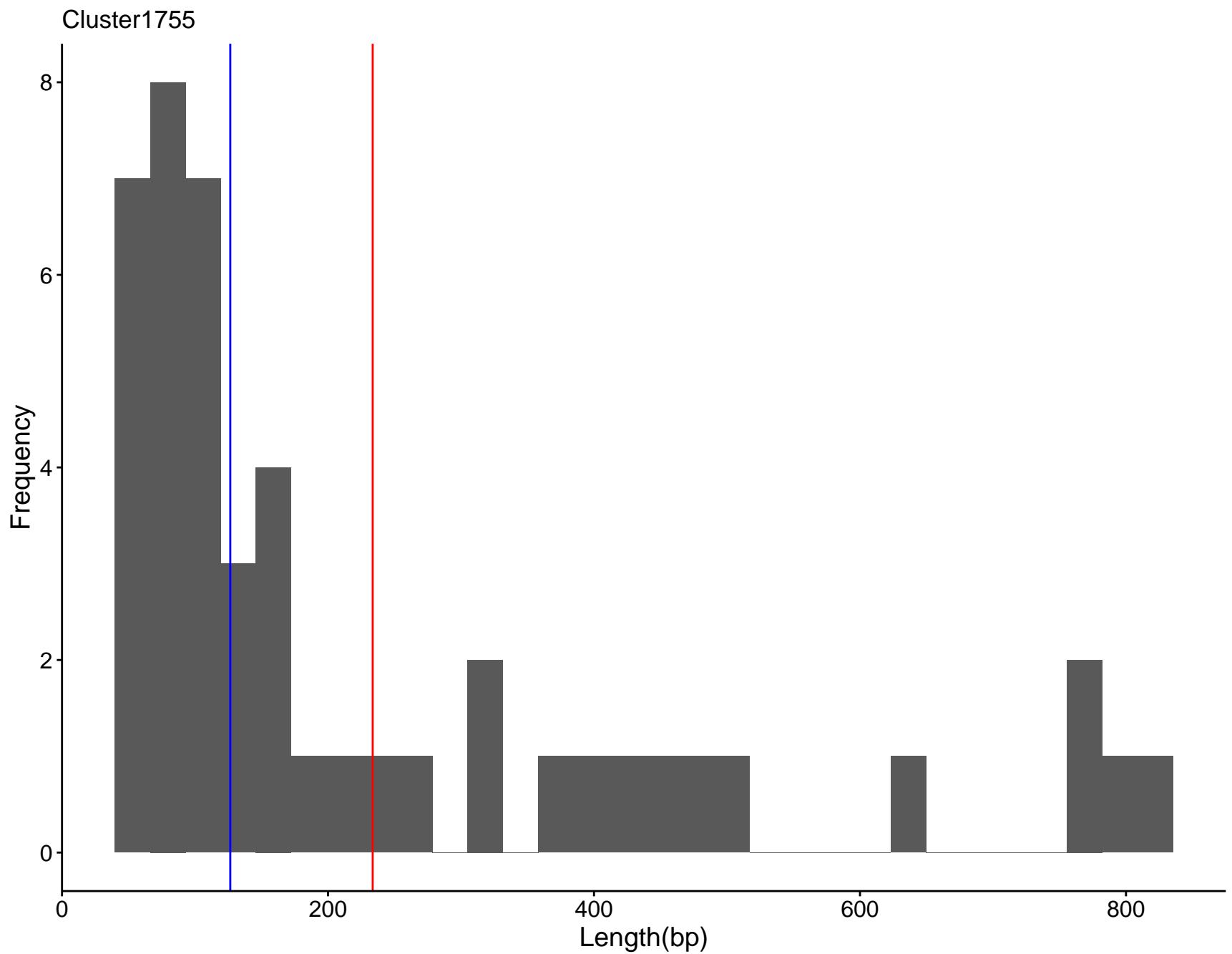


Cluster1753

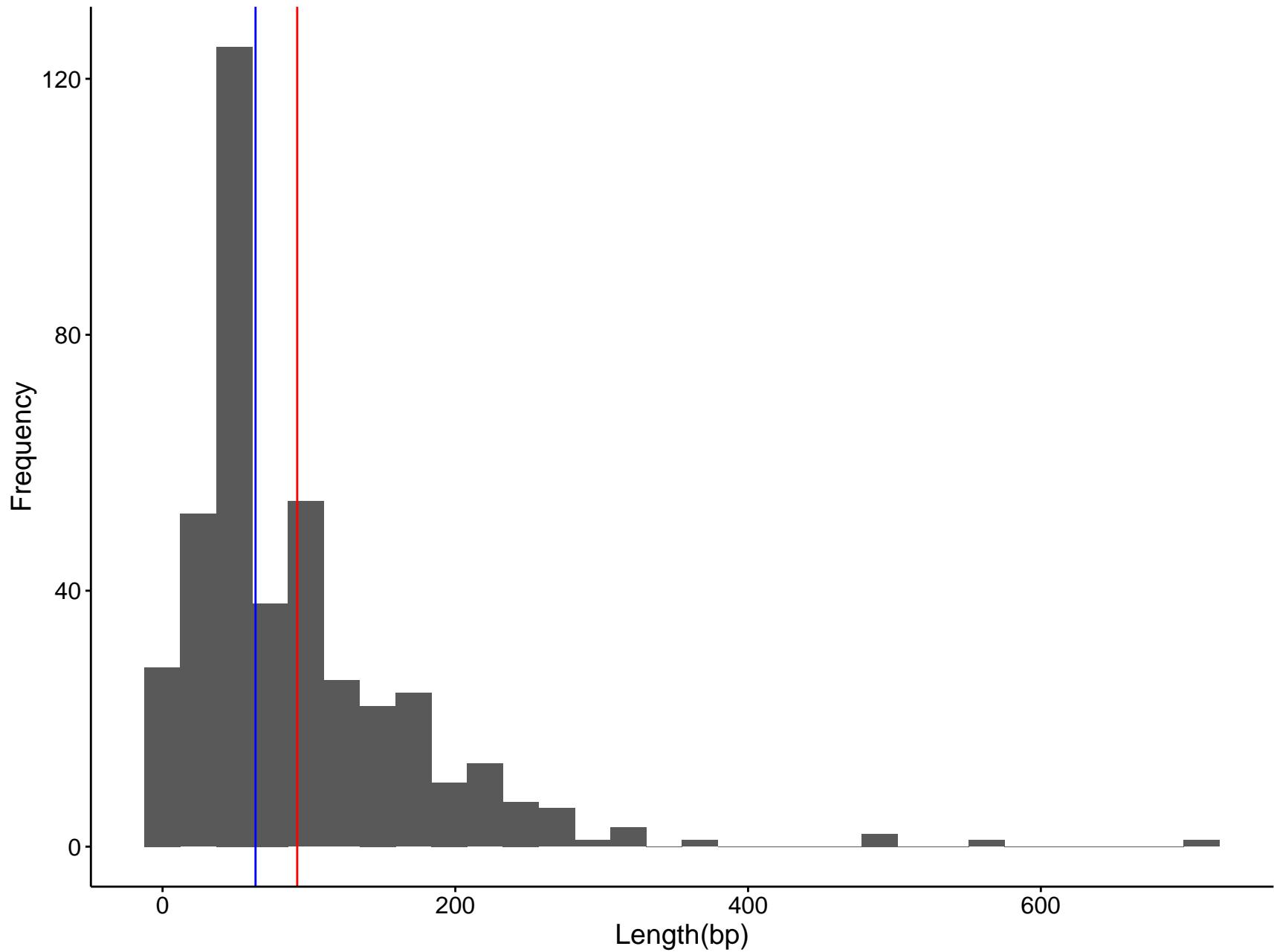


Cluster1754

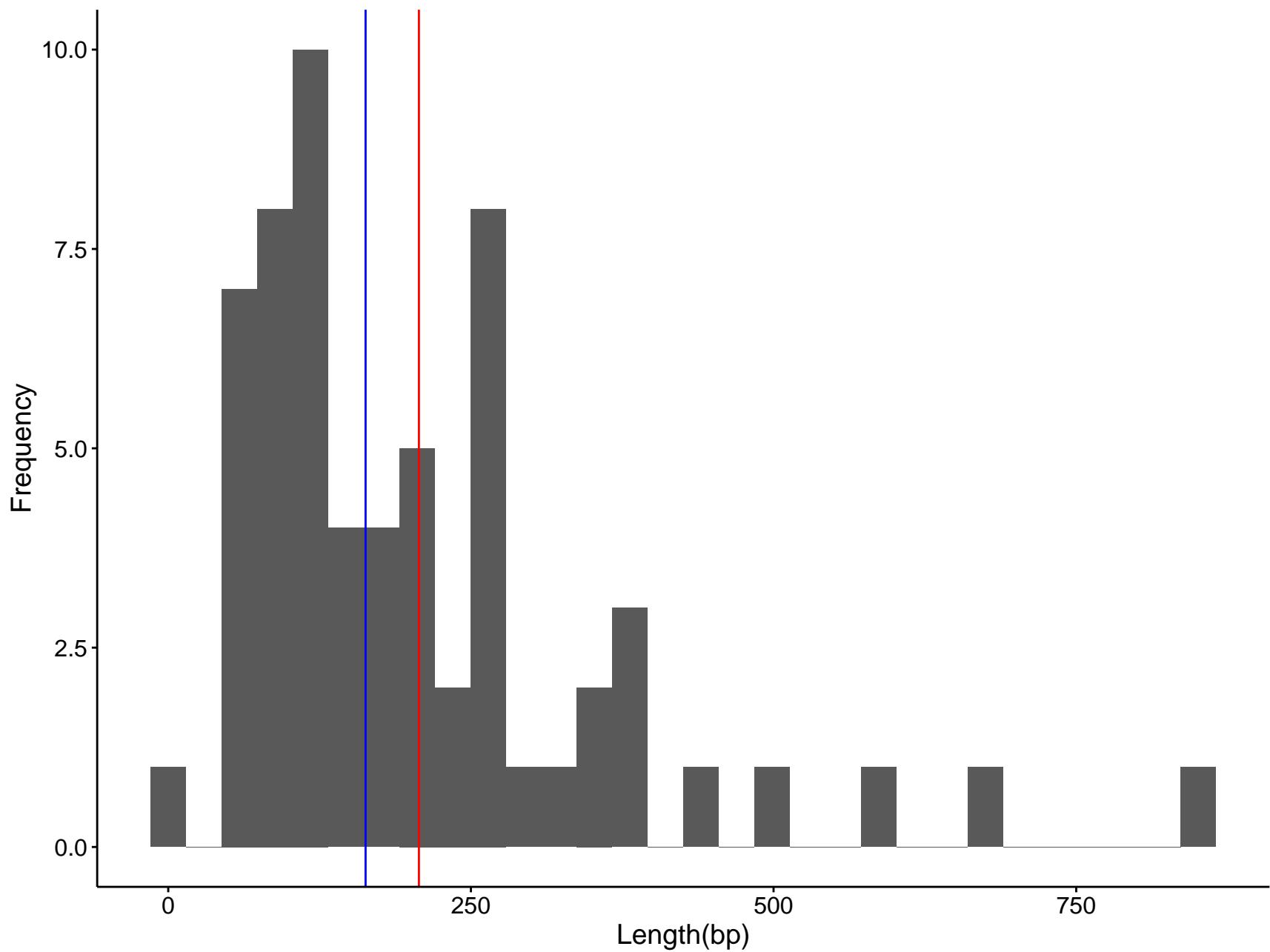




Cluster1756



Cluster1759



Cluster175

Frequency

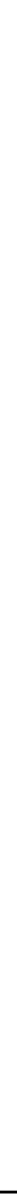
601.950

601.975

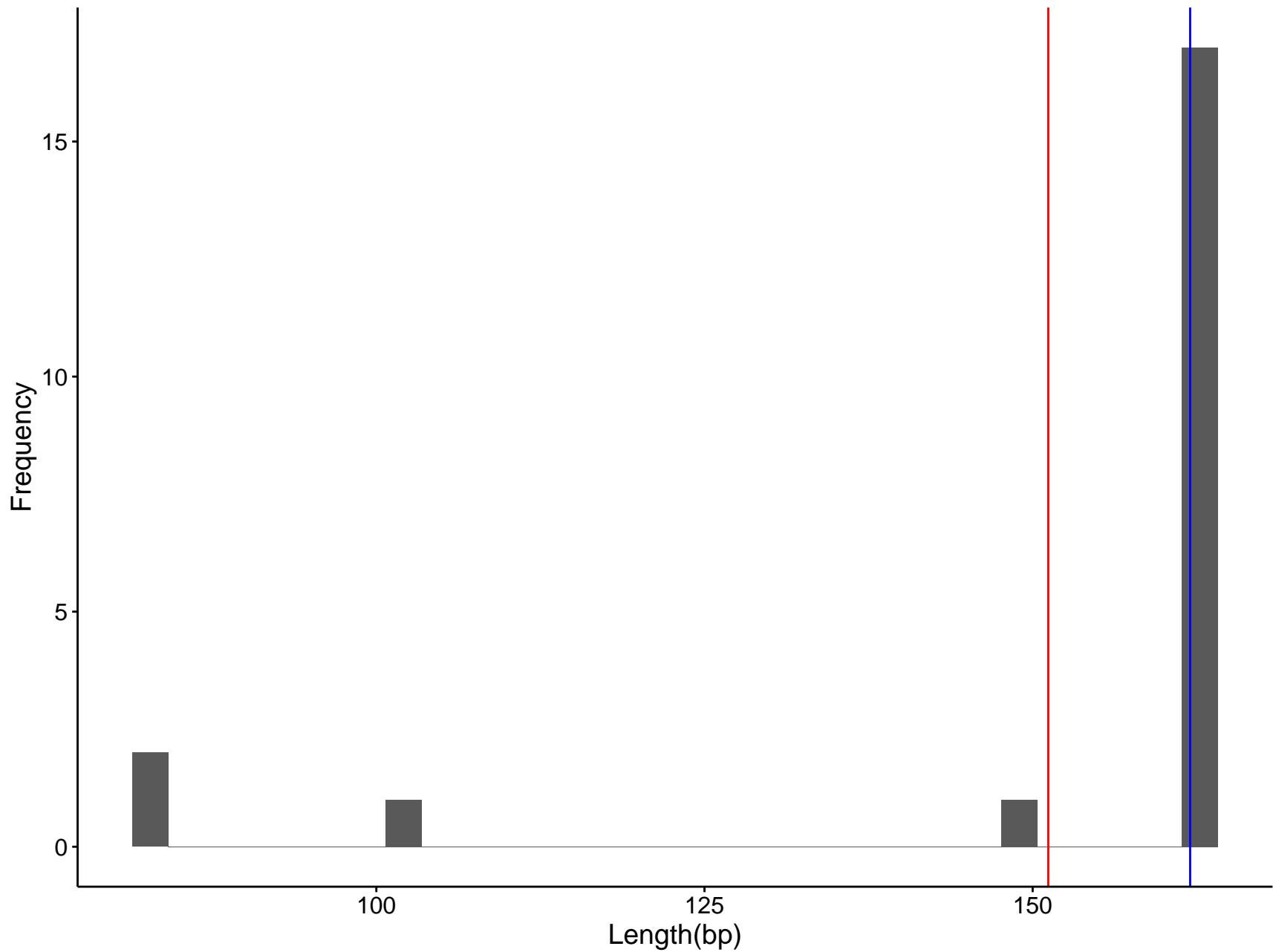
602.000

602.025

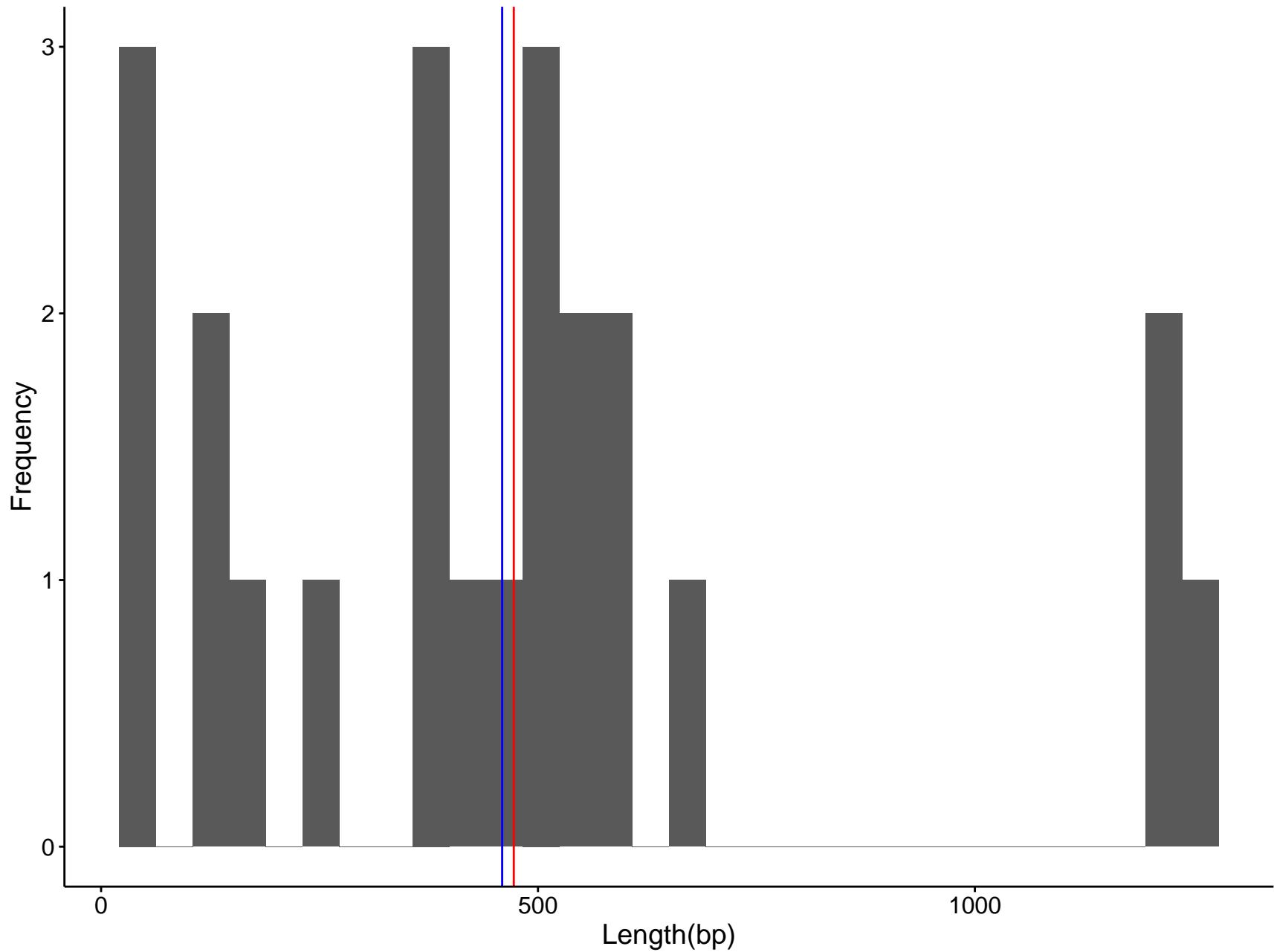
Length(bp)



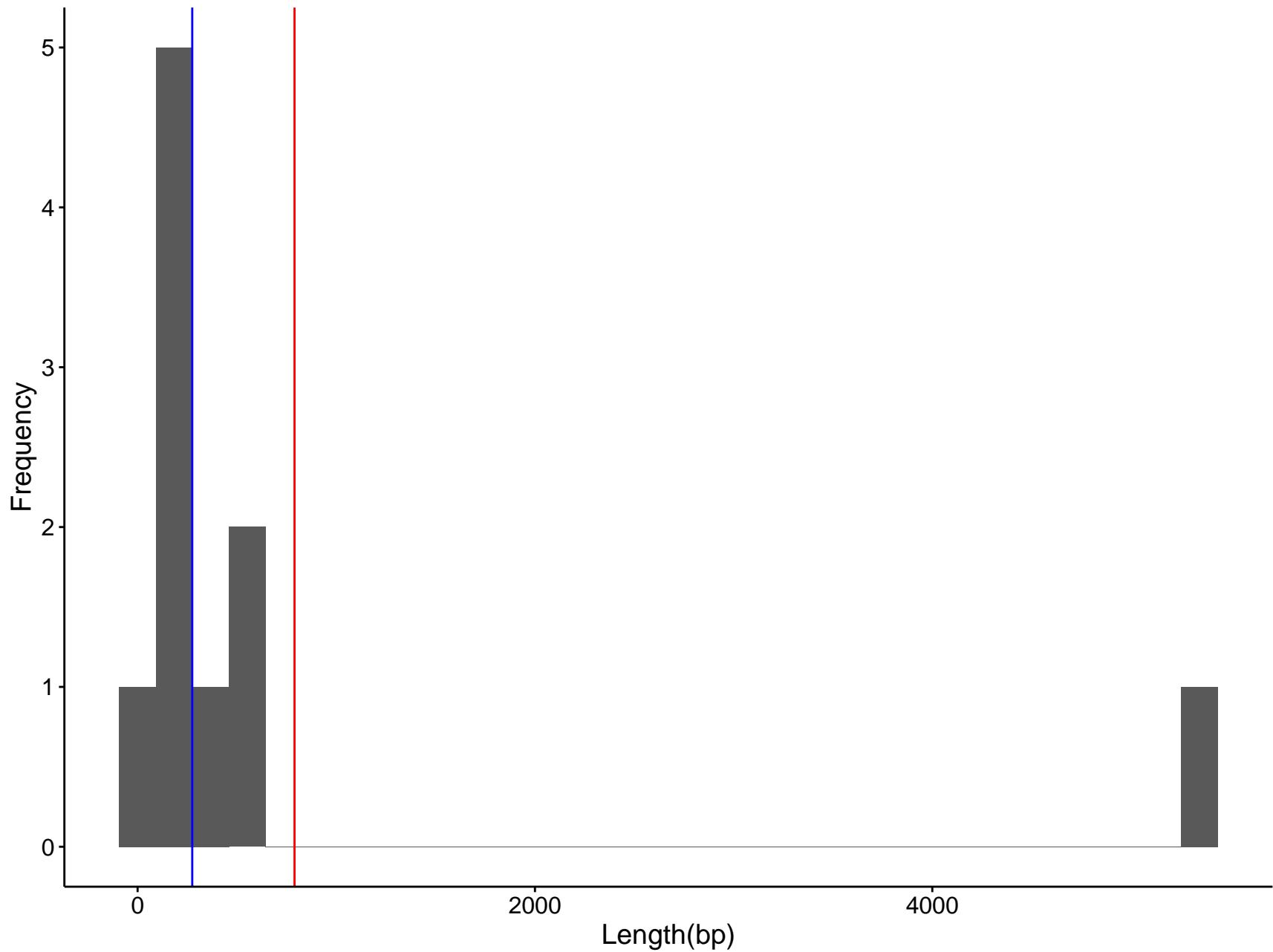
Cluster1760



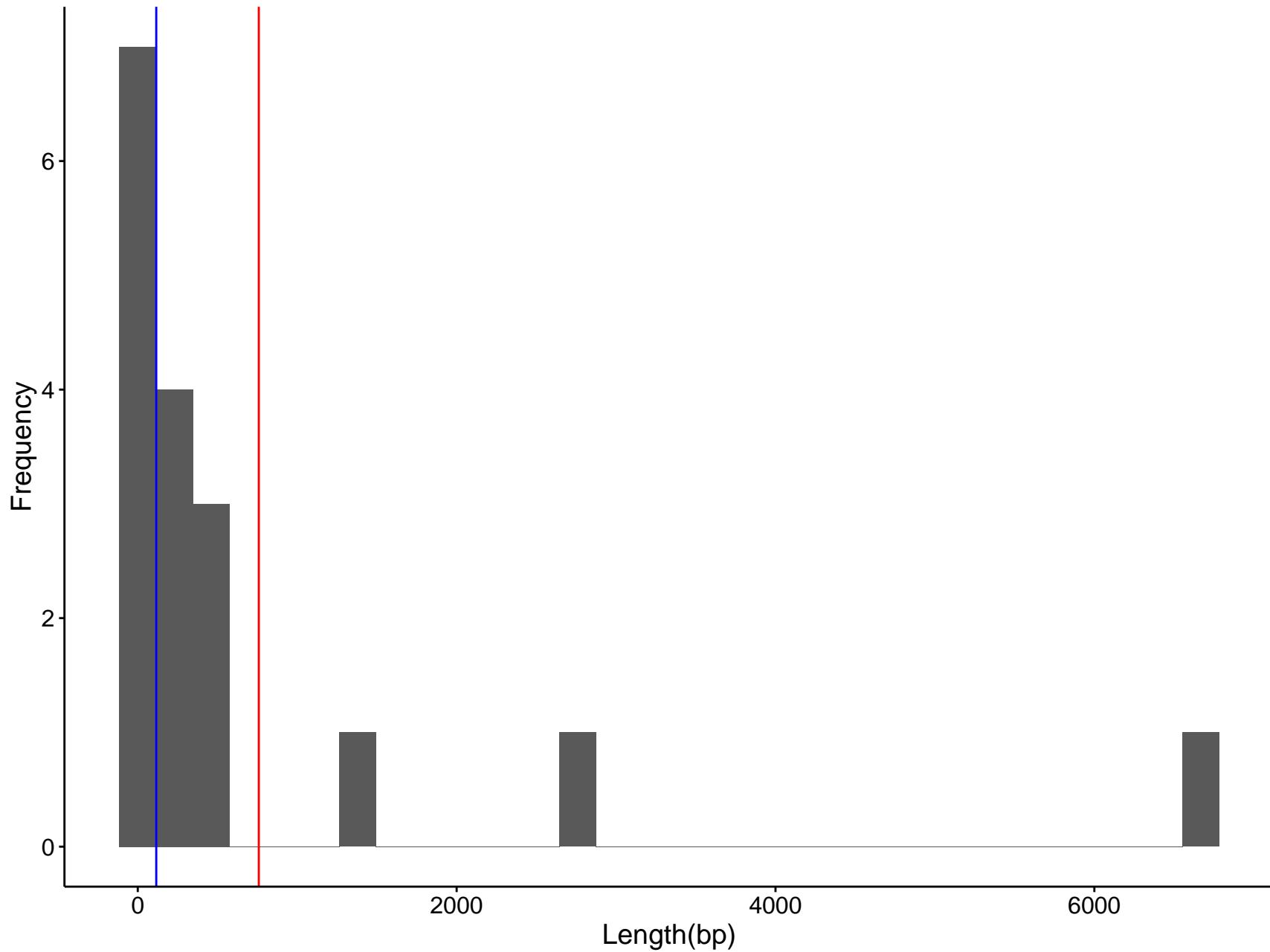
Cluster1761



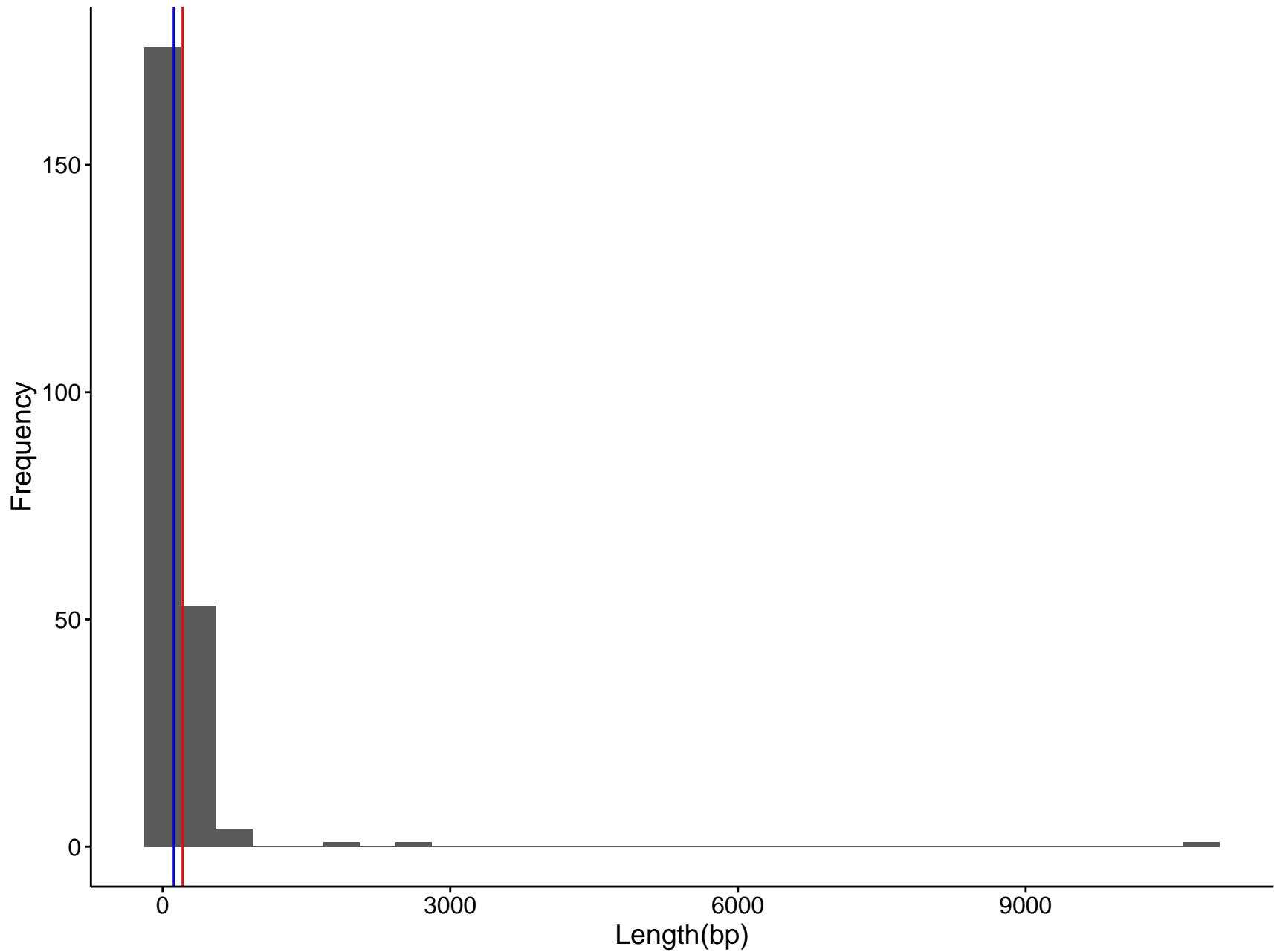
Cluster1762



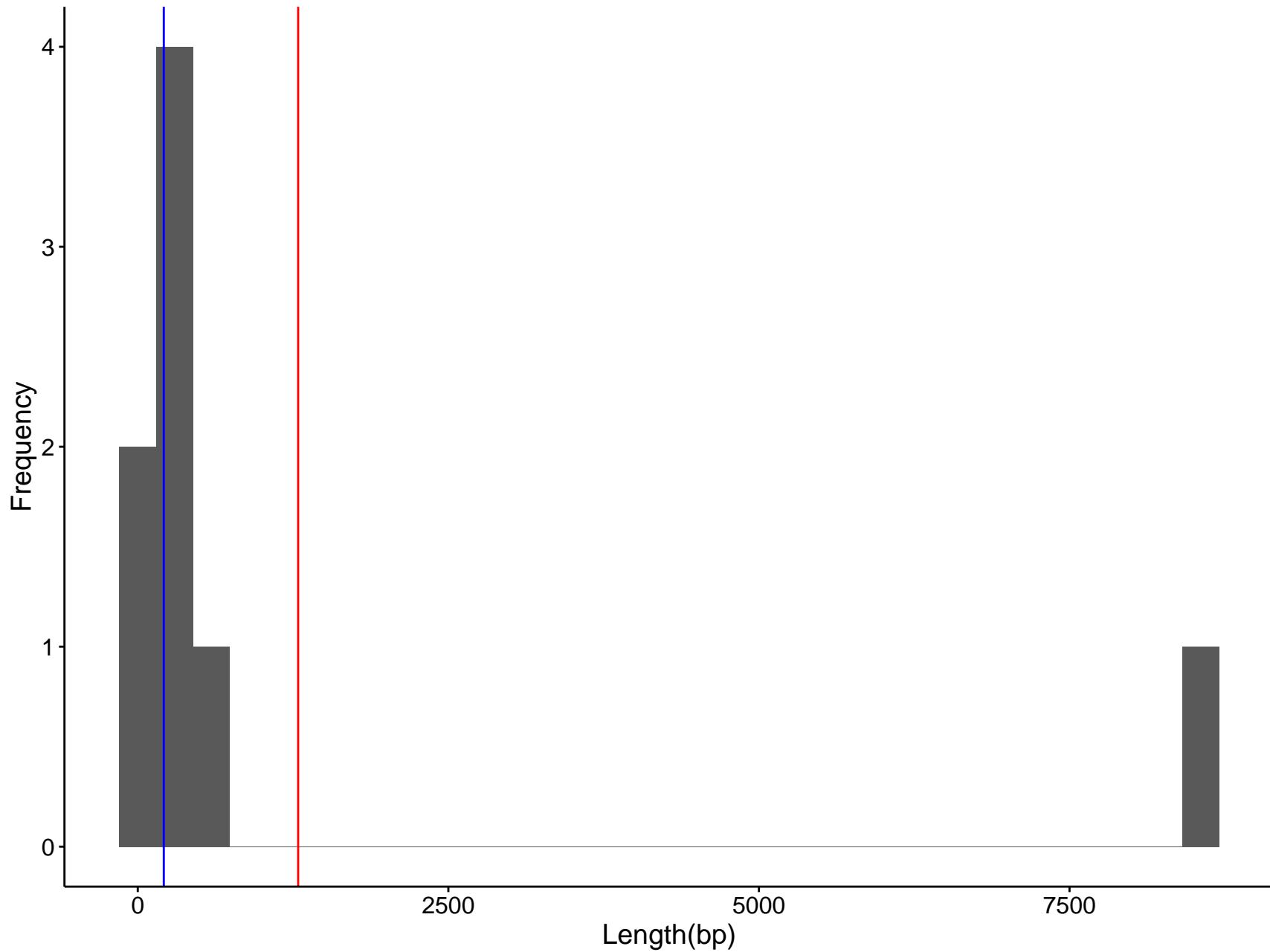
Cluster1764



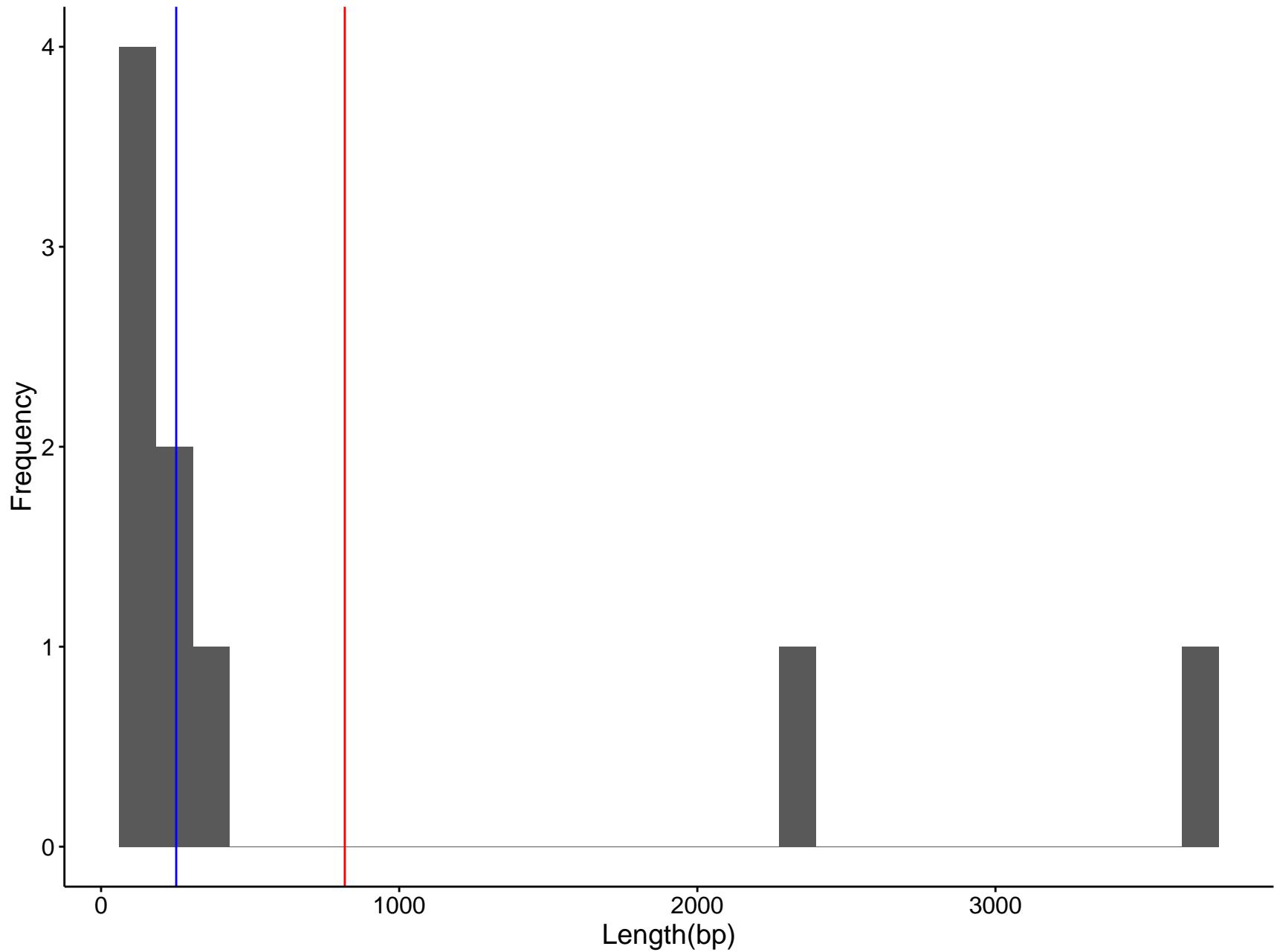
Cluster1765



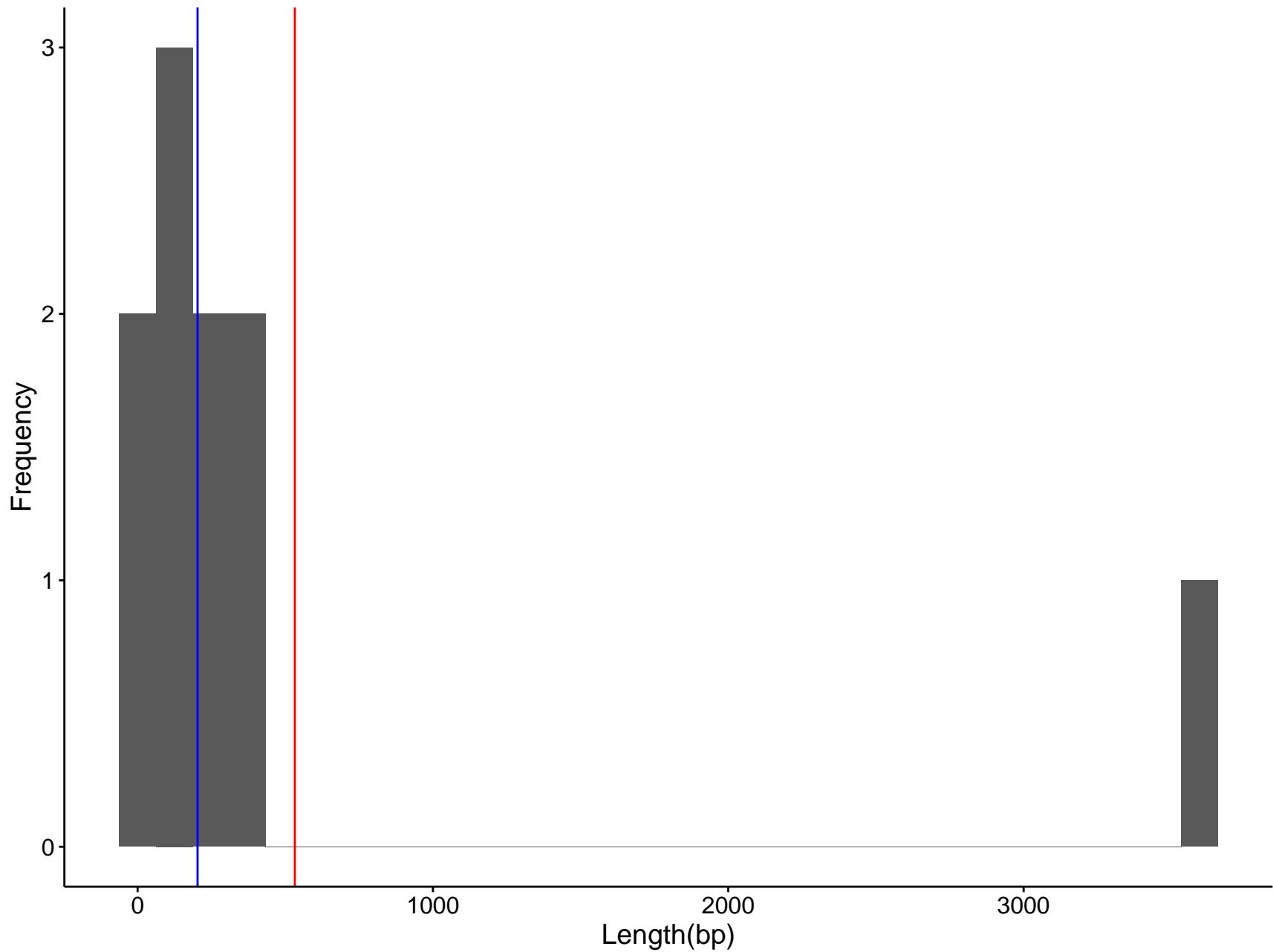
Cluster1766



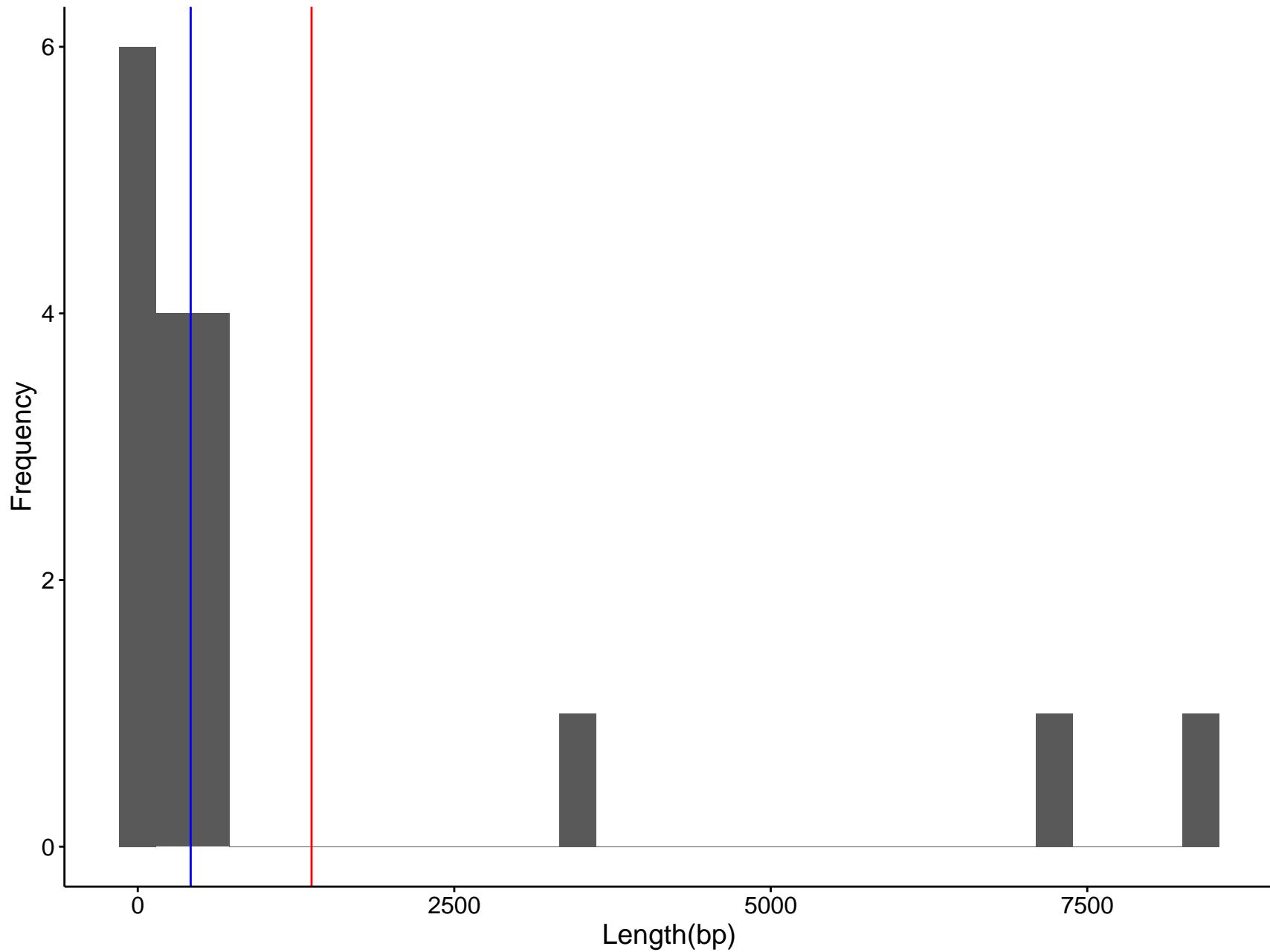
Cluster1768



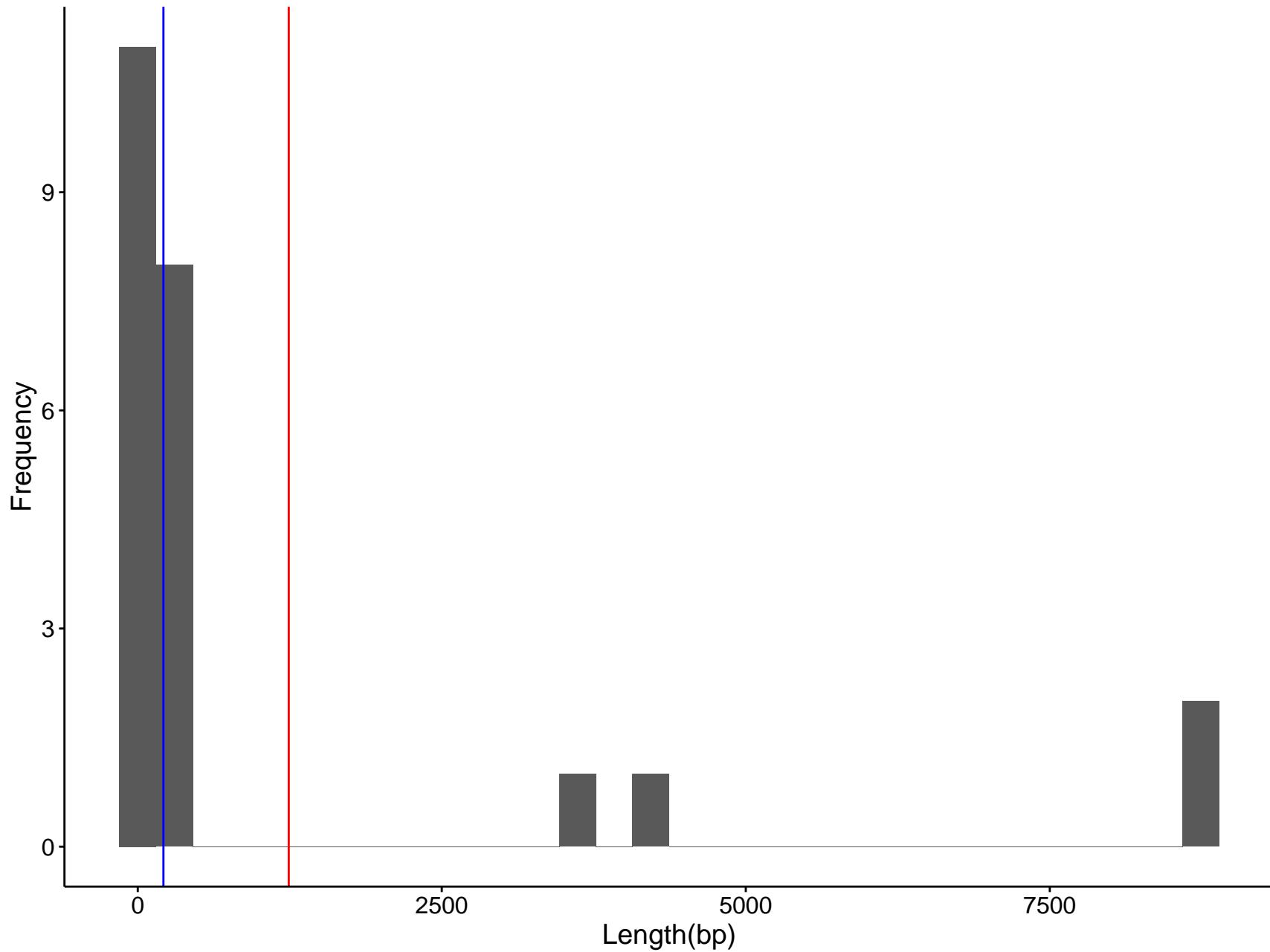
Cluster1769



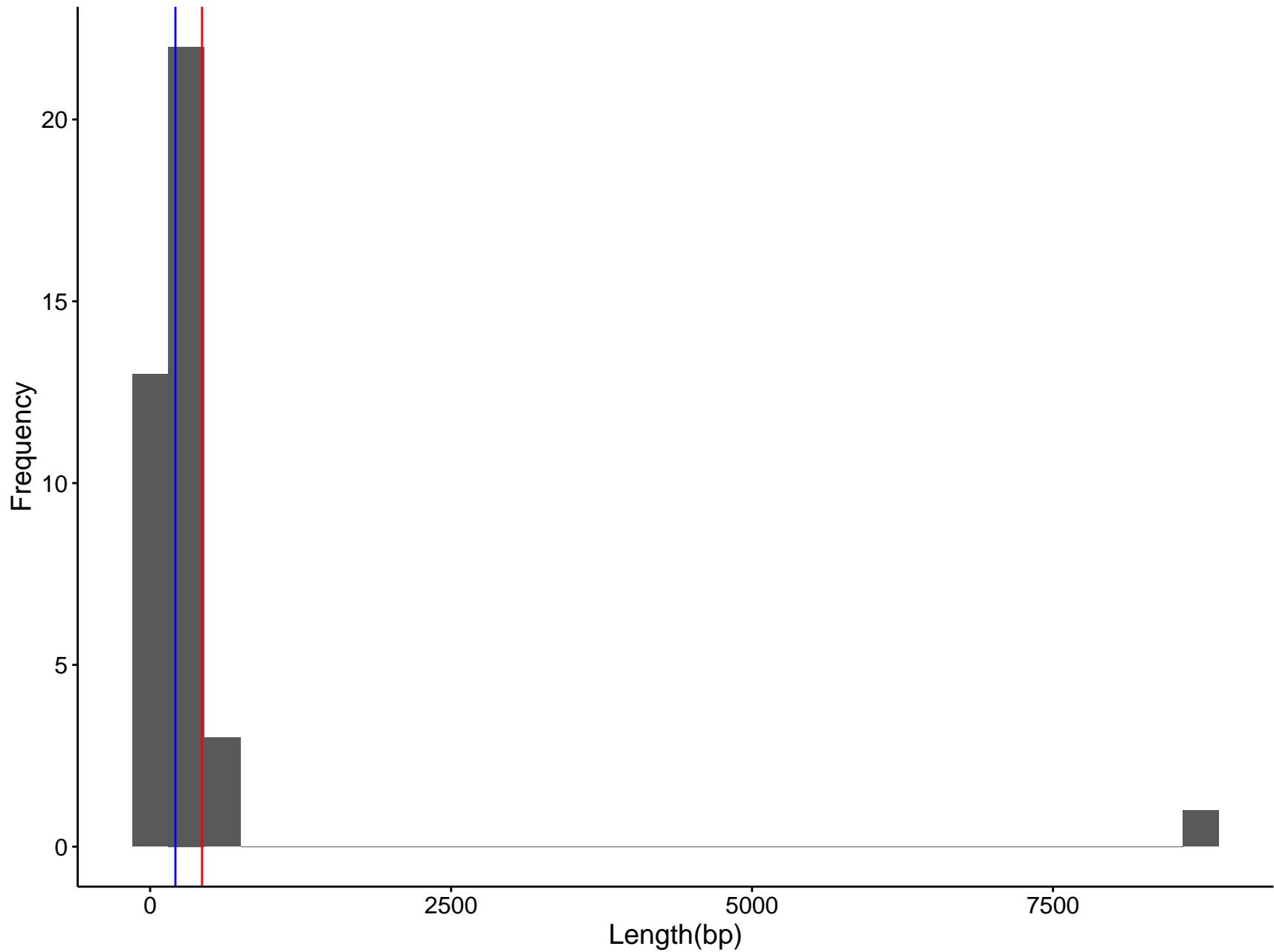
Cluster1771



Cluster1772



Cluster1773



Cluster1774

Frequency

585.950

585.975

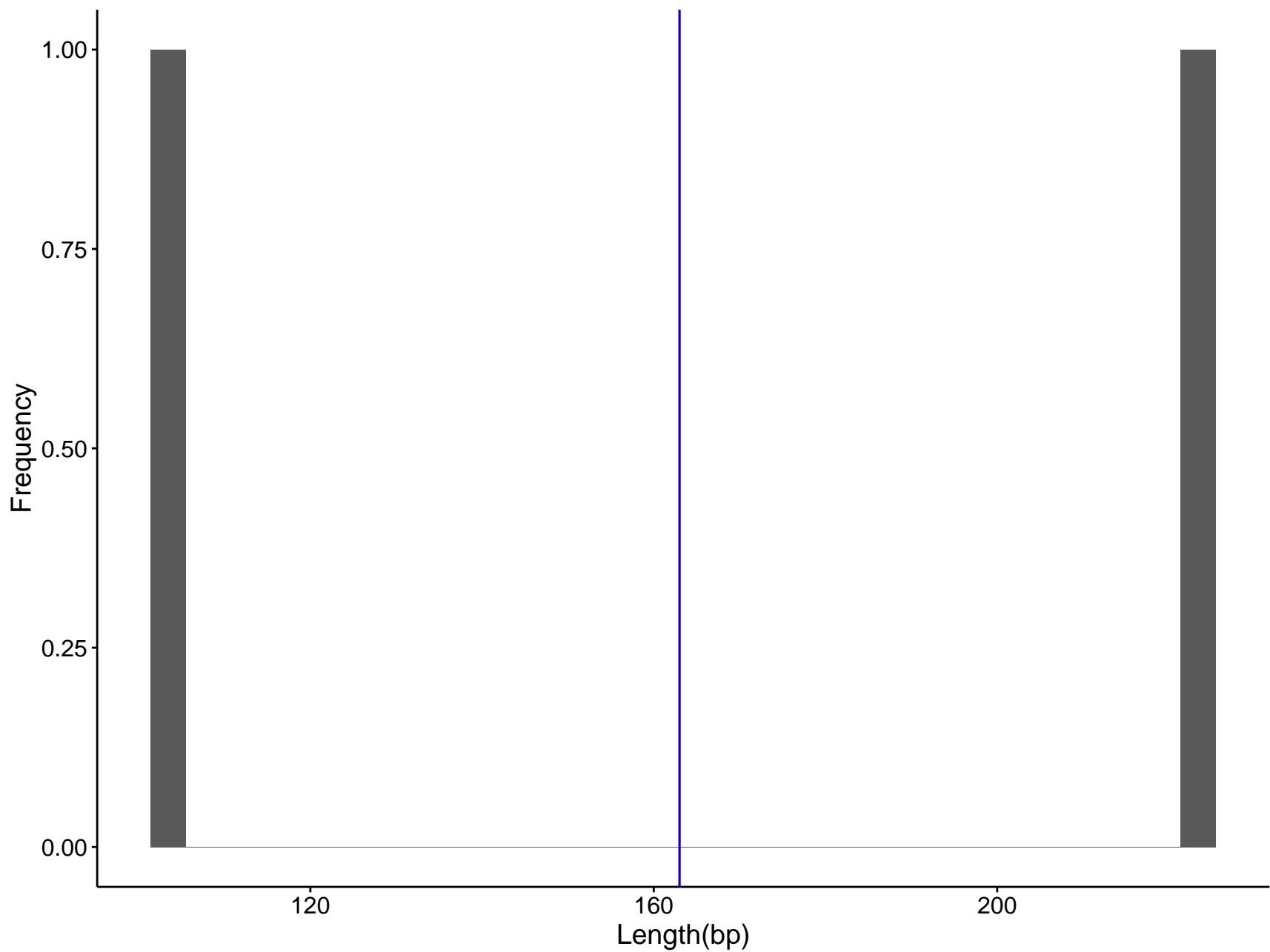
586.000

586.025

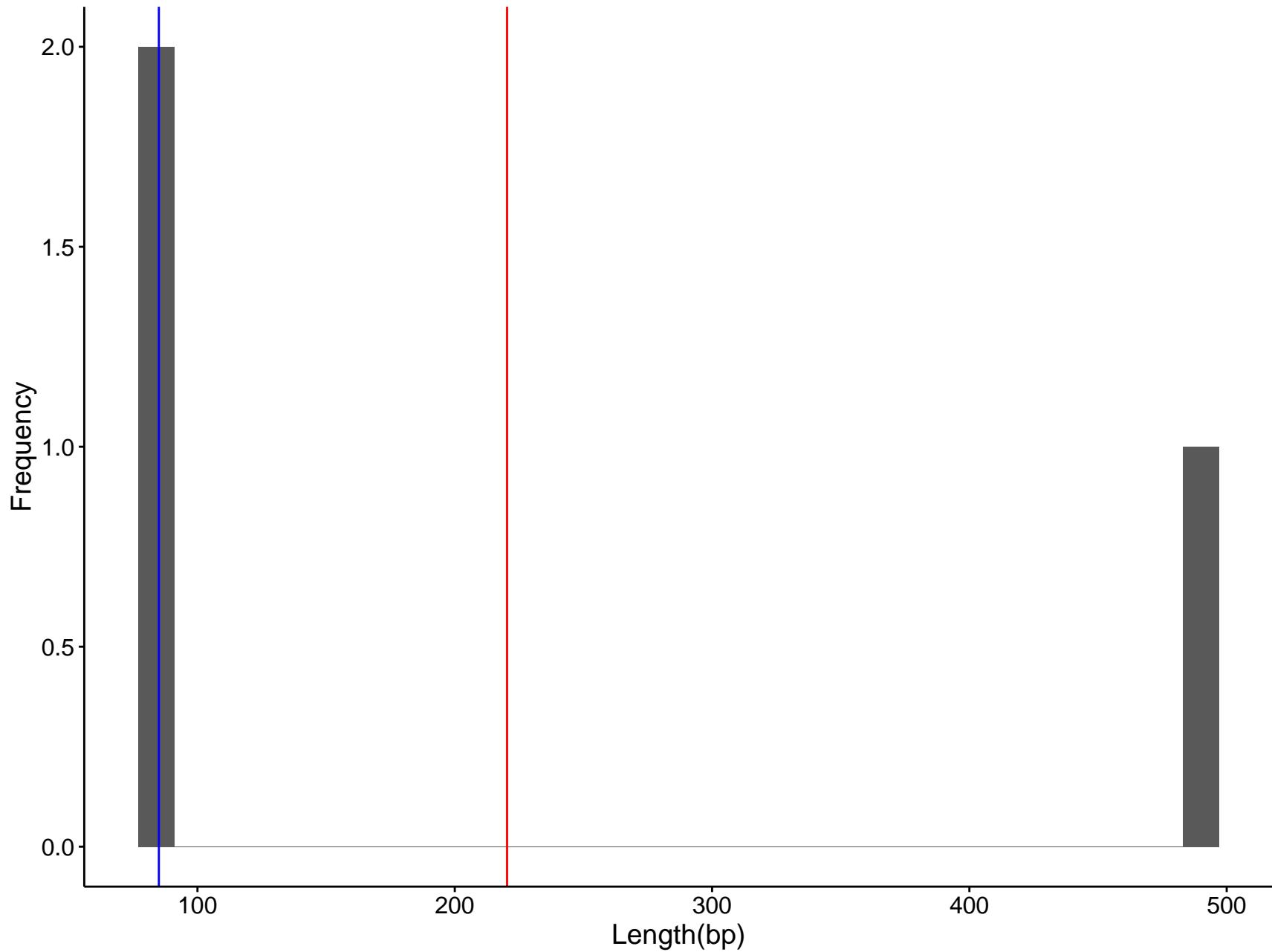
Length(bp)



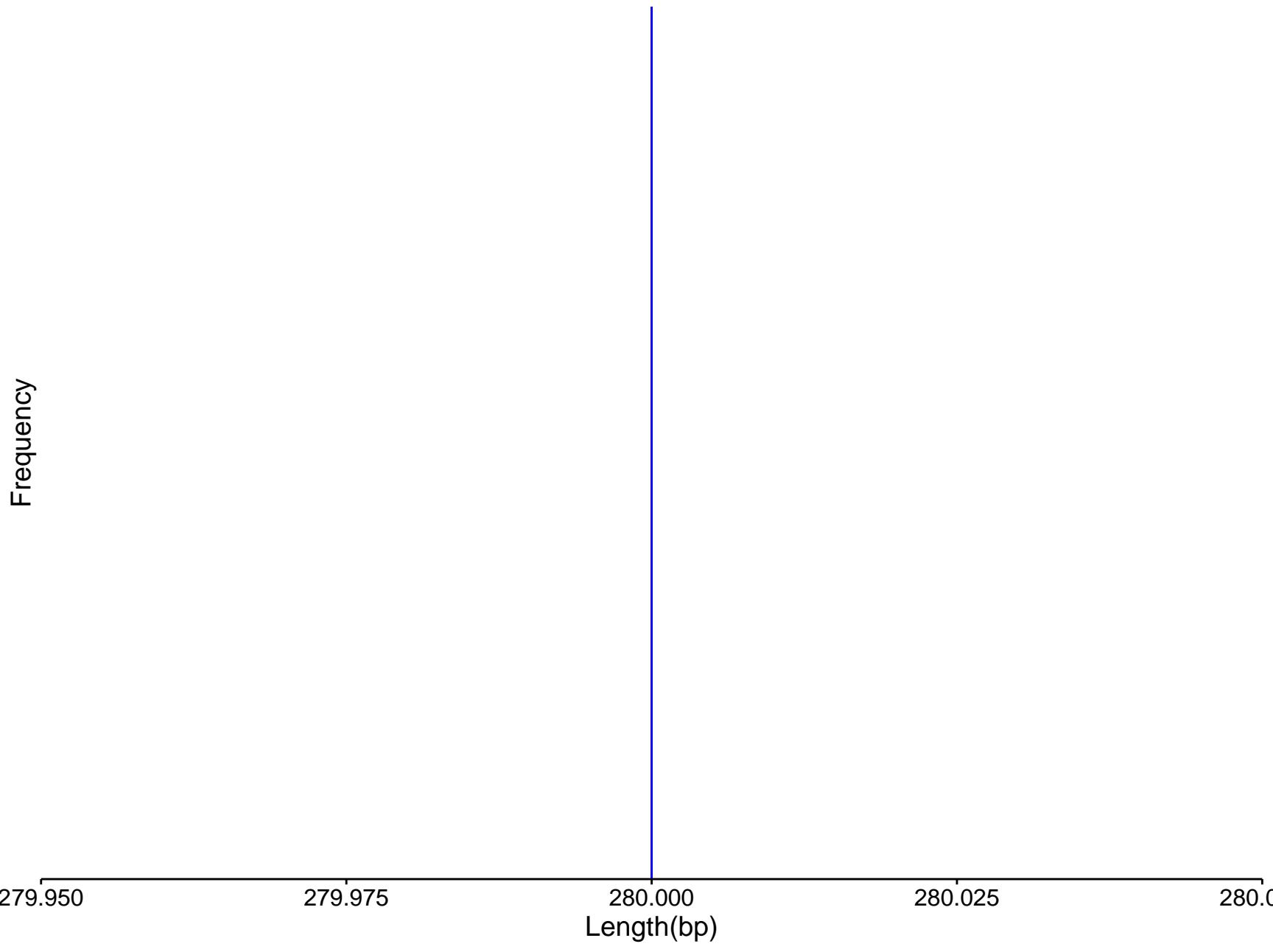
Cluster1775



Cluster1776



Cluster1778



Cluster1779

Frequency

288.950

288.975

289.000

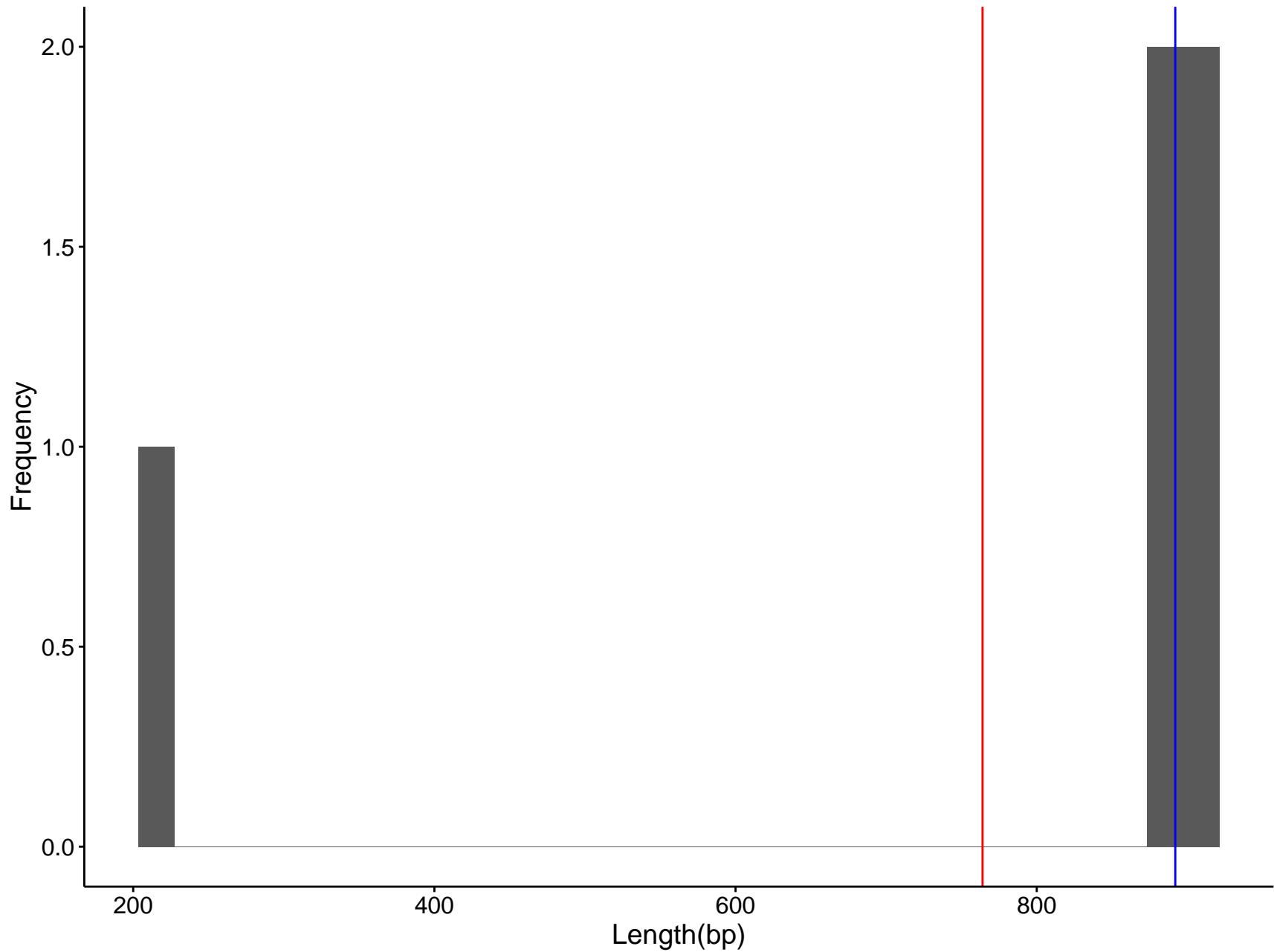
289.025

289.050

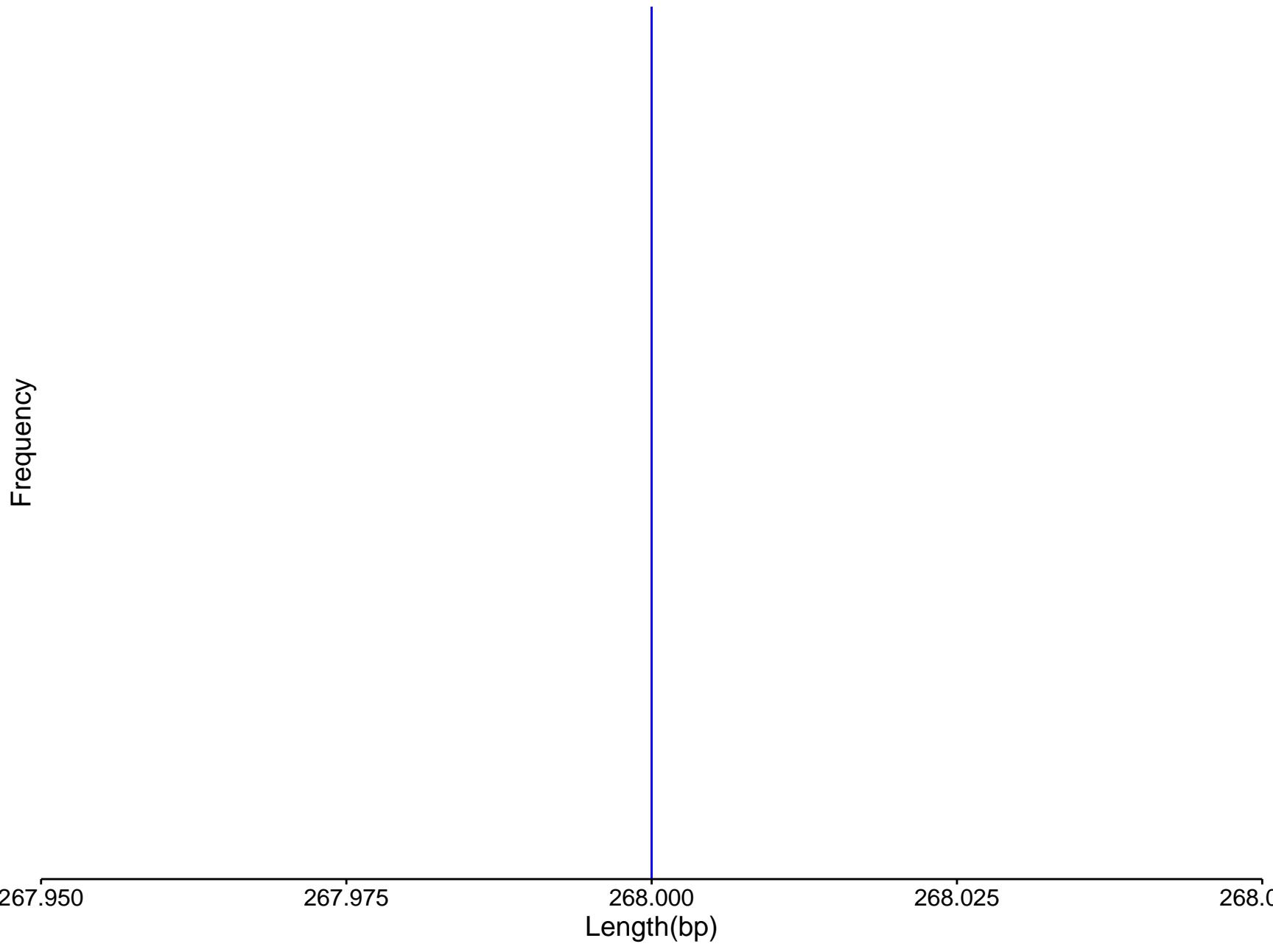
Length(bp)



Cluster1781



Cluster1782



Cluster1784

Frequency

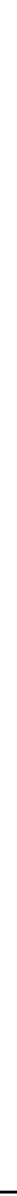
495.950

495.975

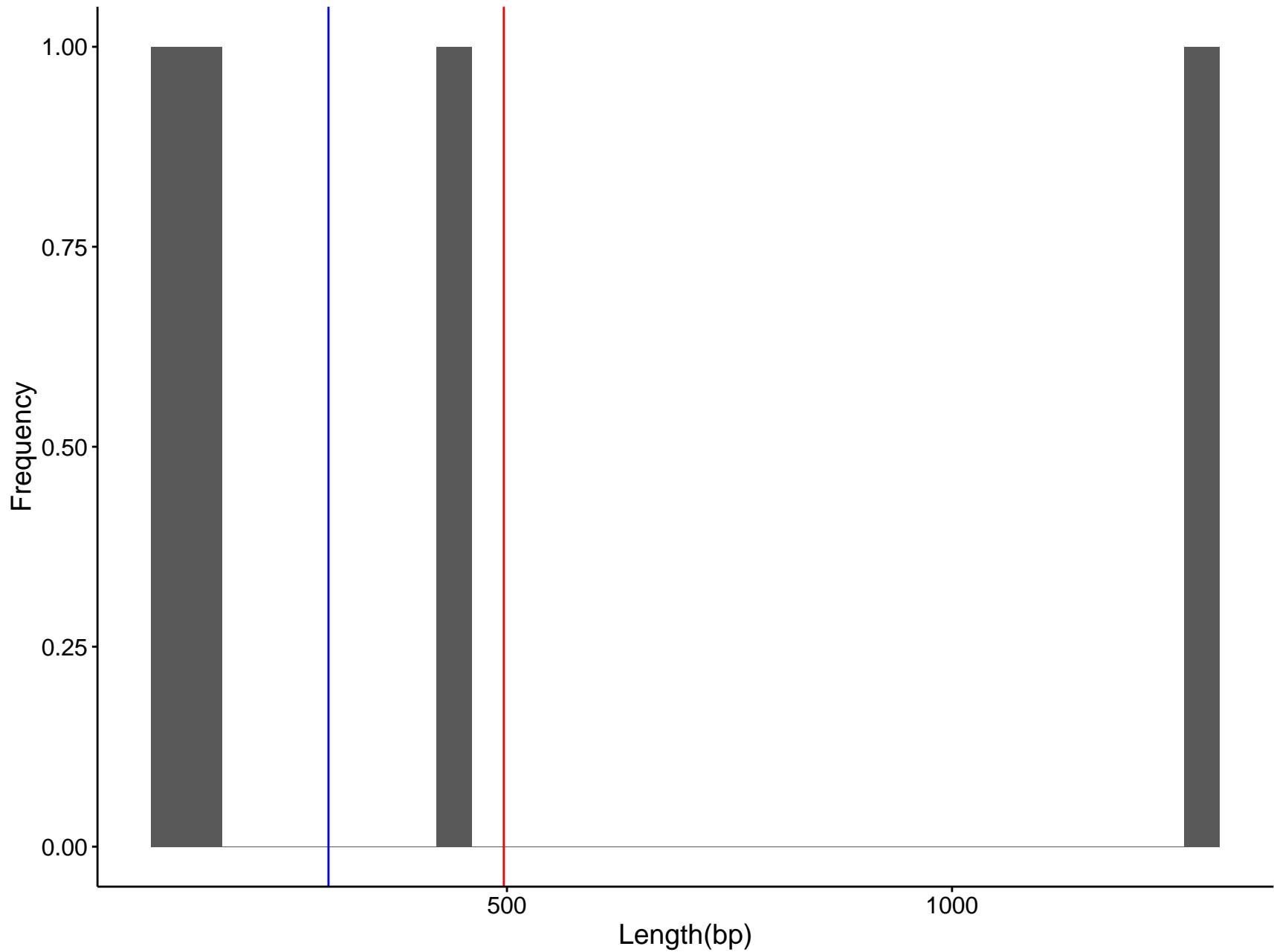
496.000

496.025

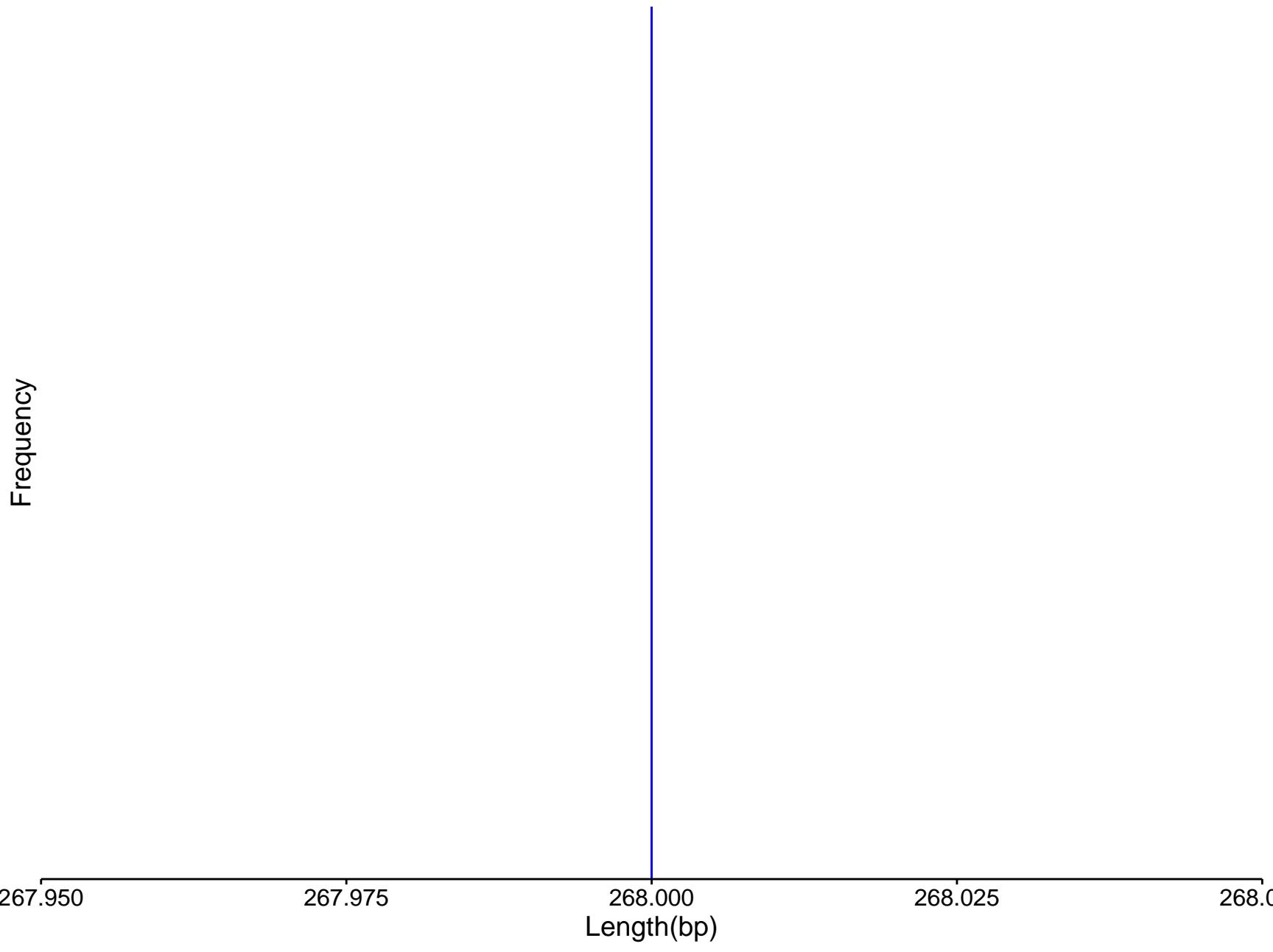
Length(bp)



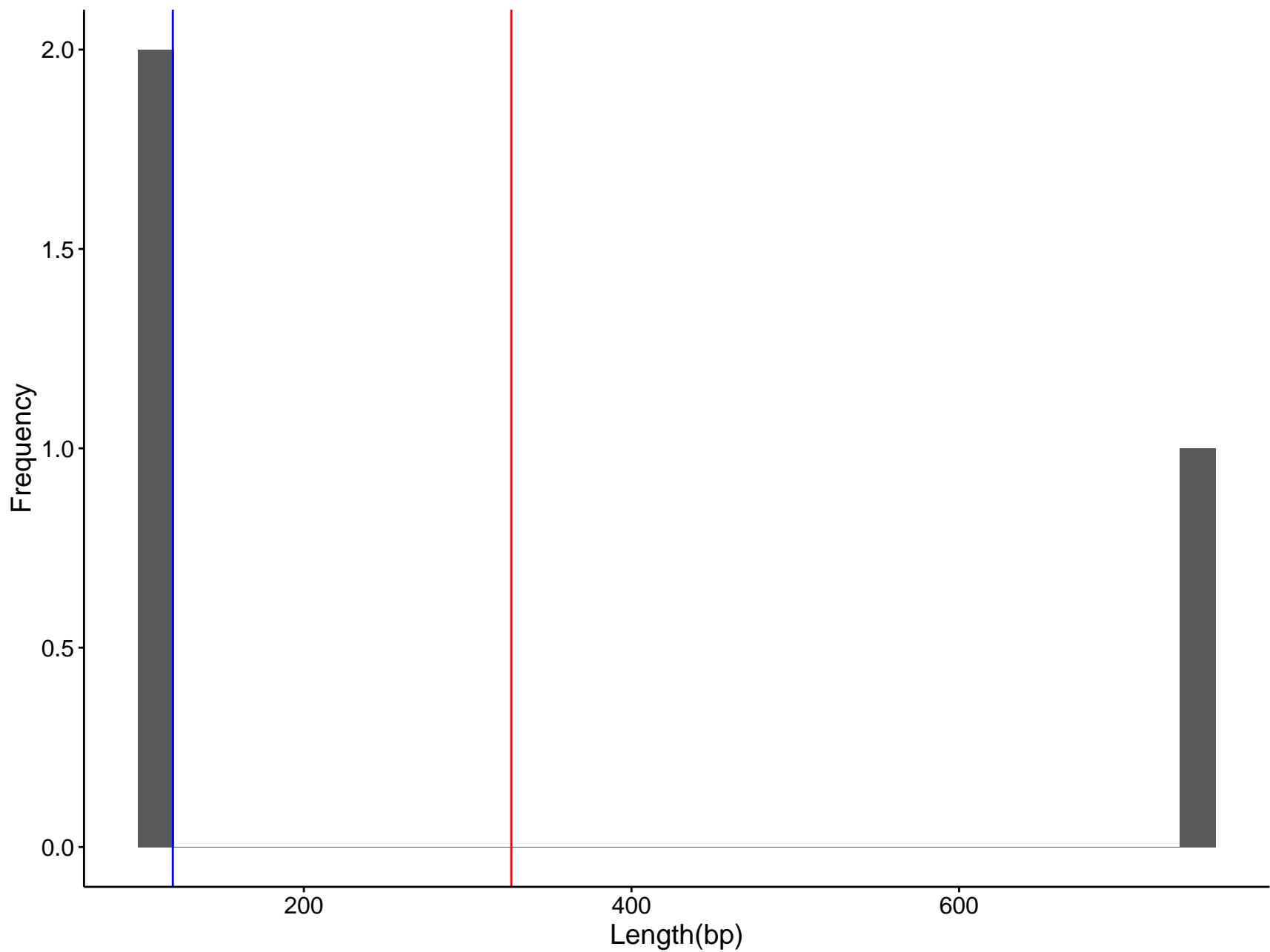
Cluster1785



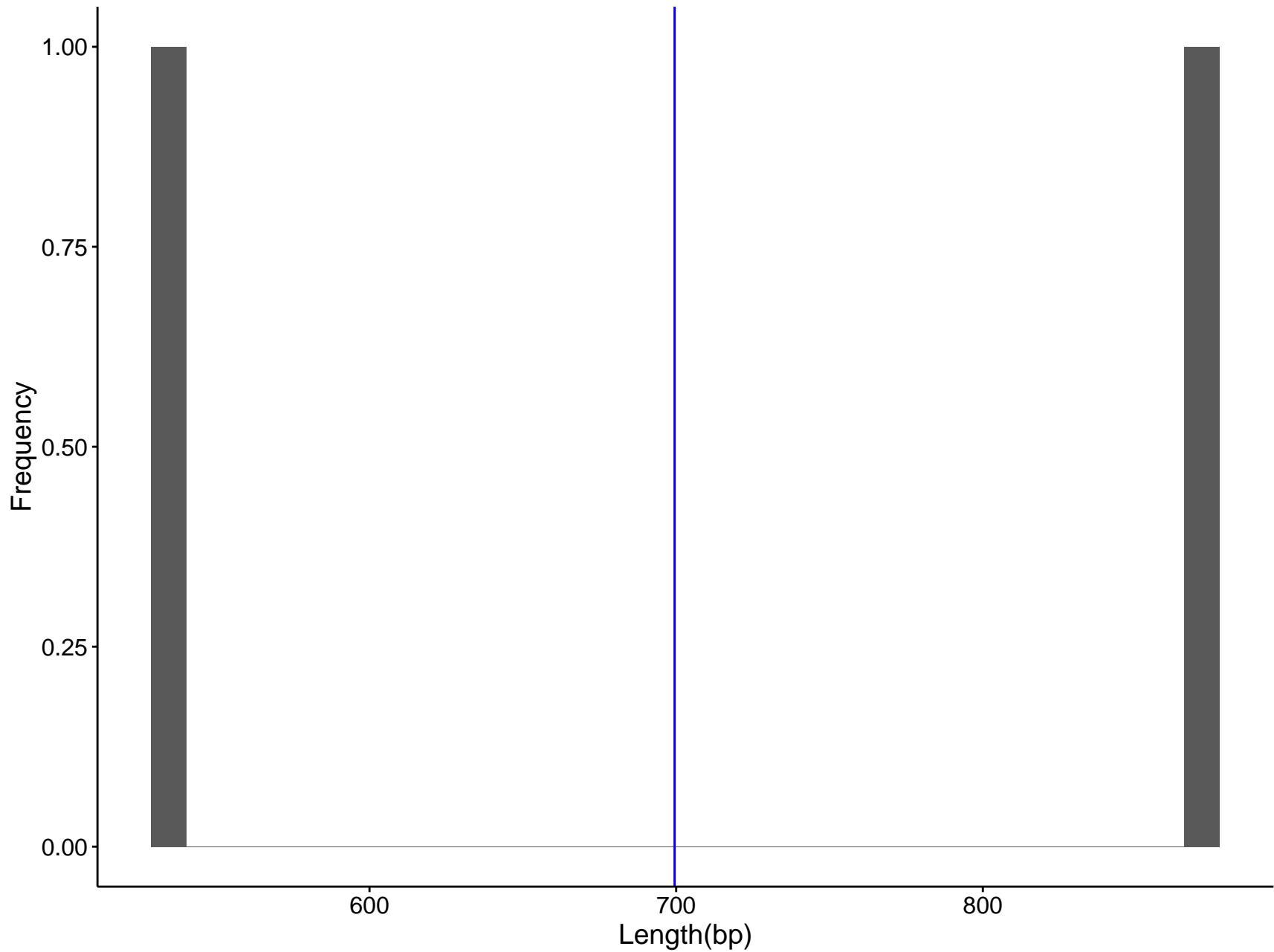
Cluster1786



Cluster1789



Cluster178



Cluster1791

Frequency

644.950

644.975

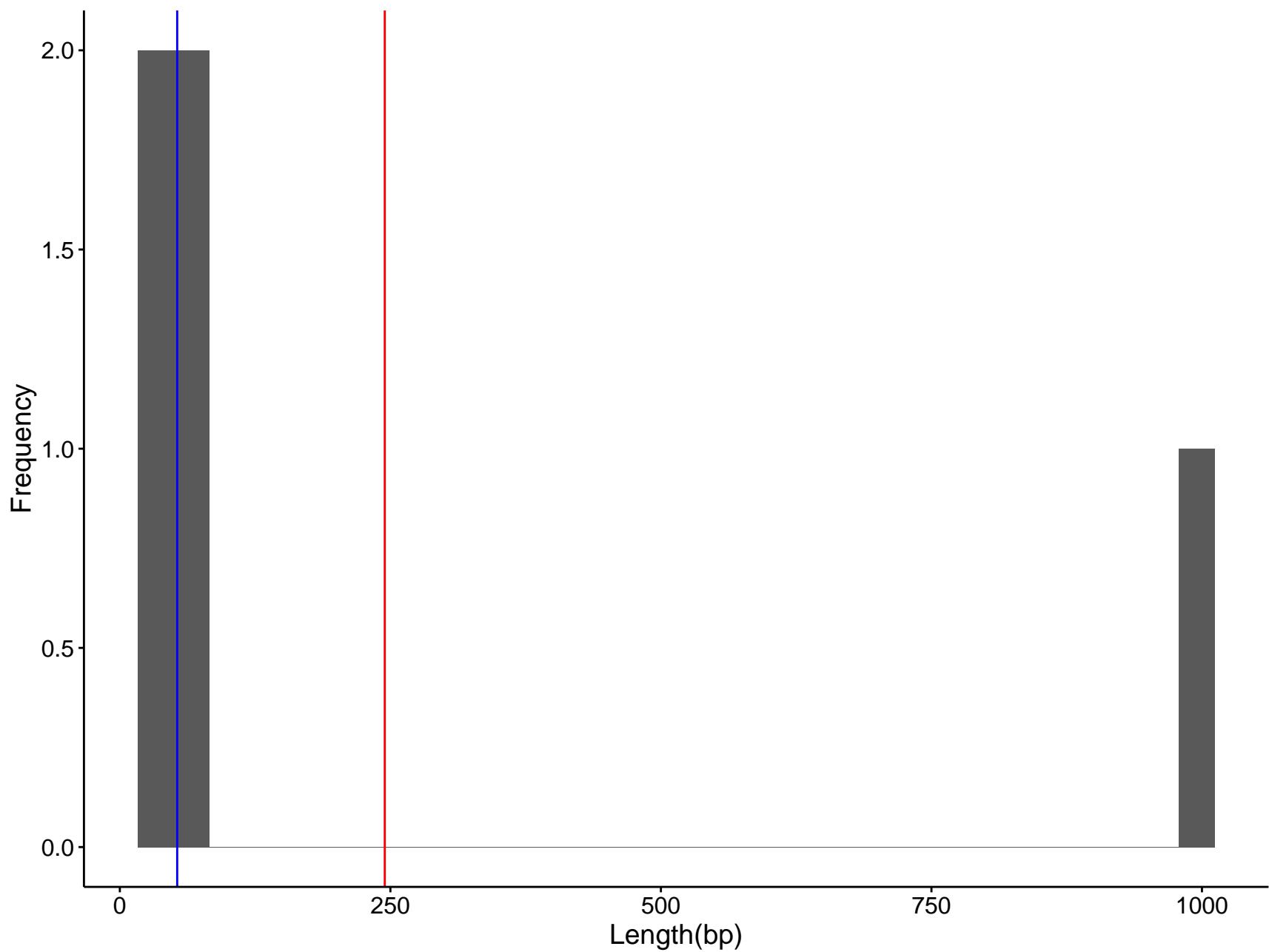
645.000

645.025

Length(bp)



Cluster1792



Cluster1793

Frequency

555.950

555.975

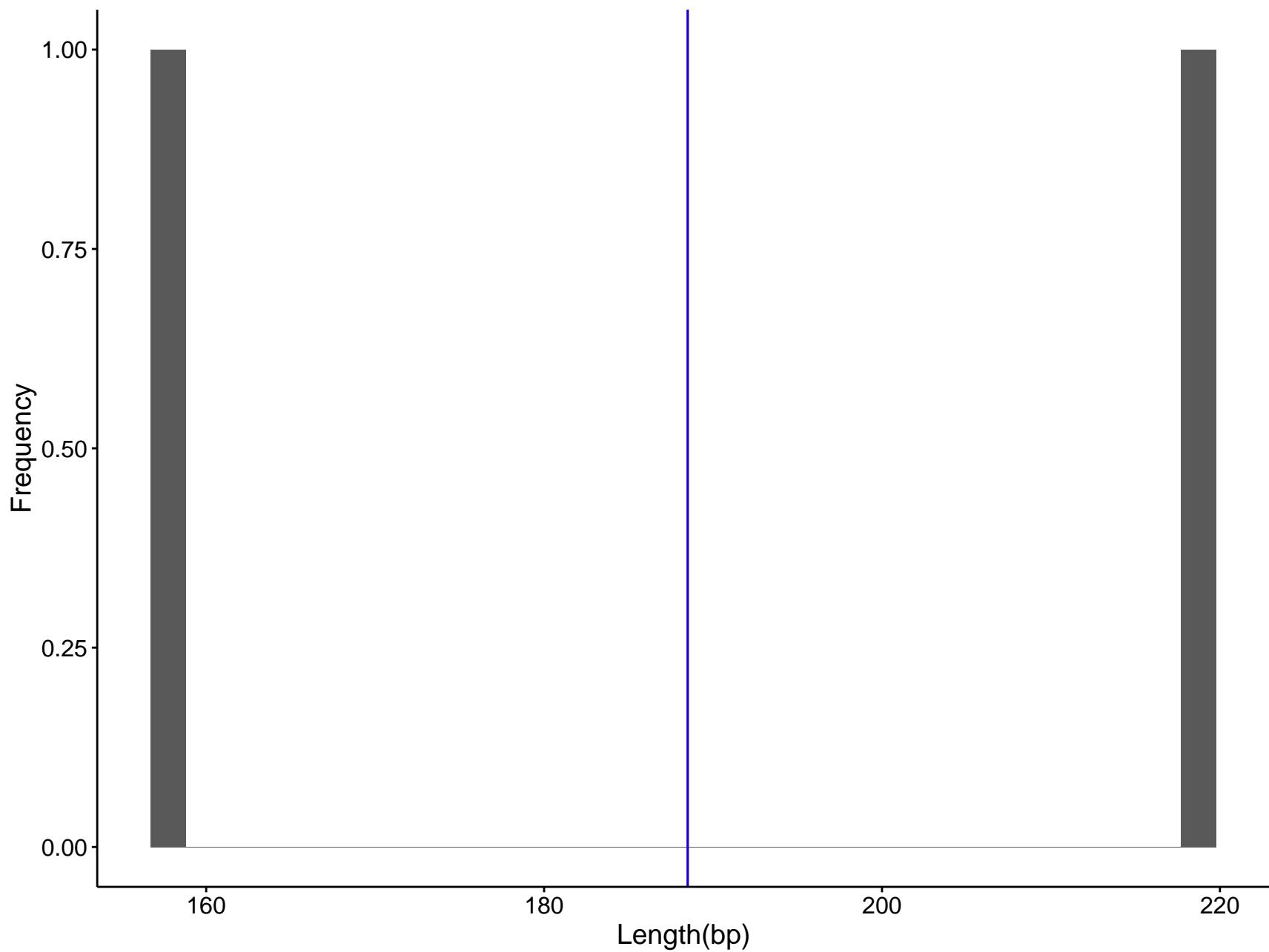
556.000

556.025

Length(bp)



Cluster1794



Cluster1795

Frequency

315.950

315.975

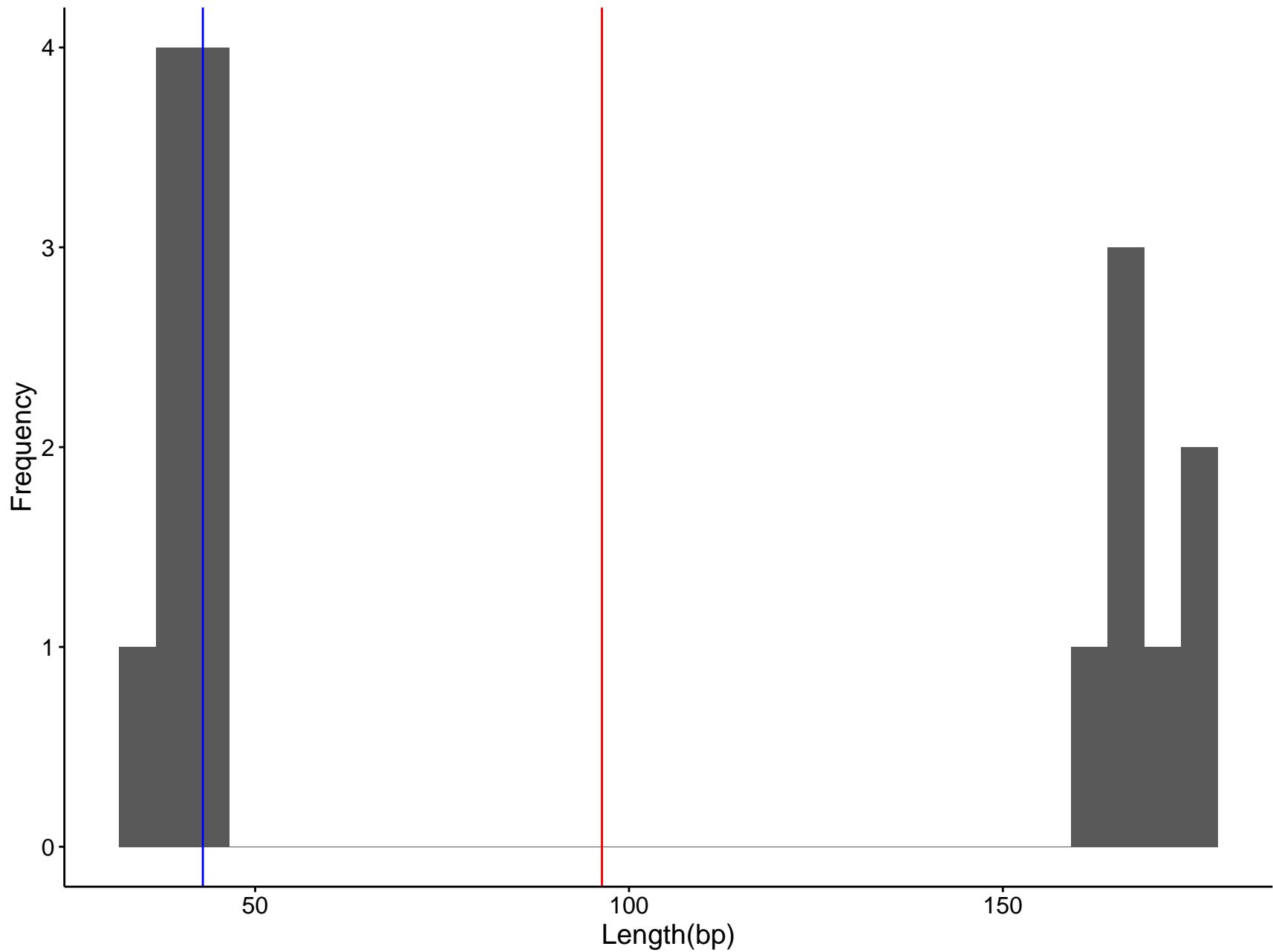
316.000

316.025

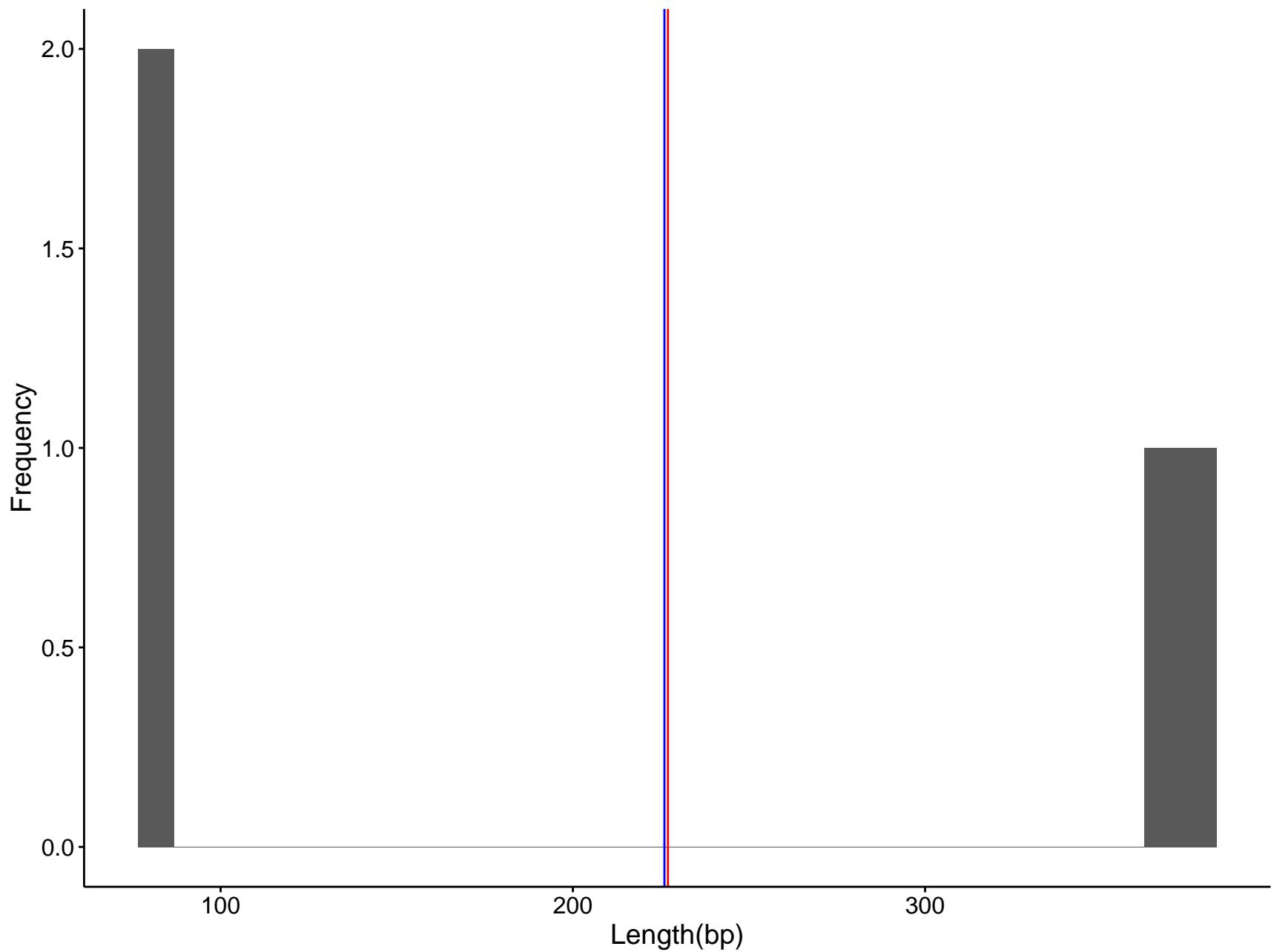
Length(bp)



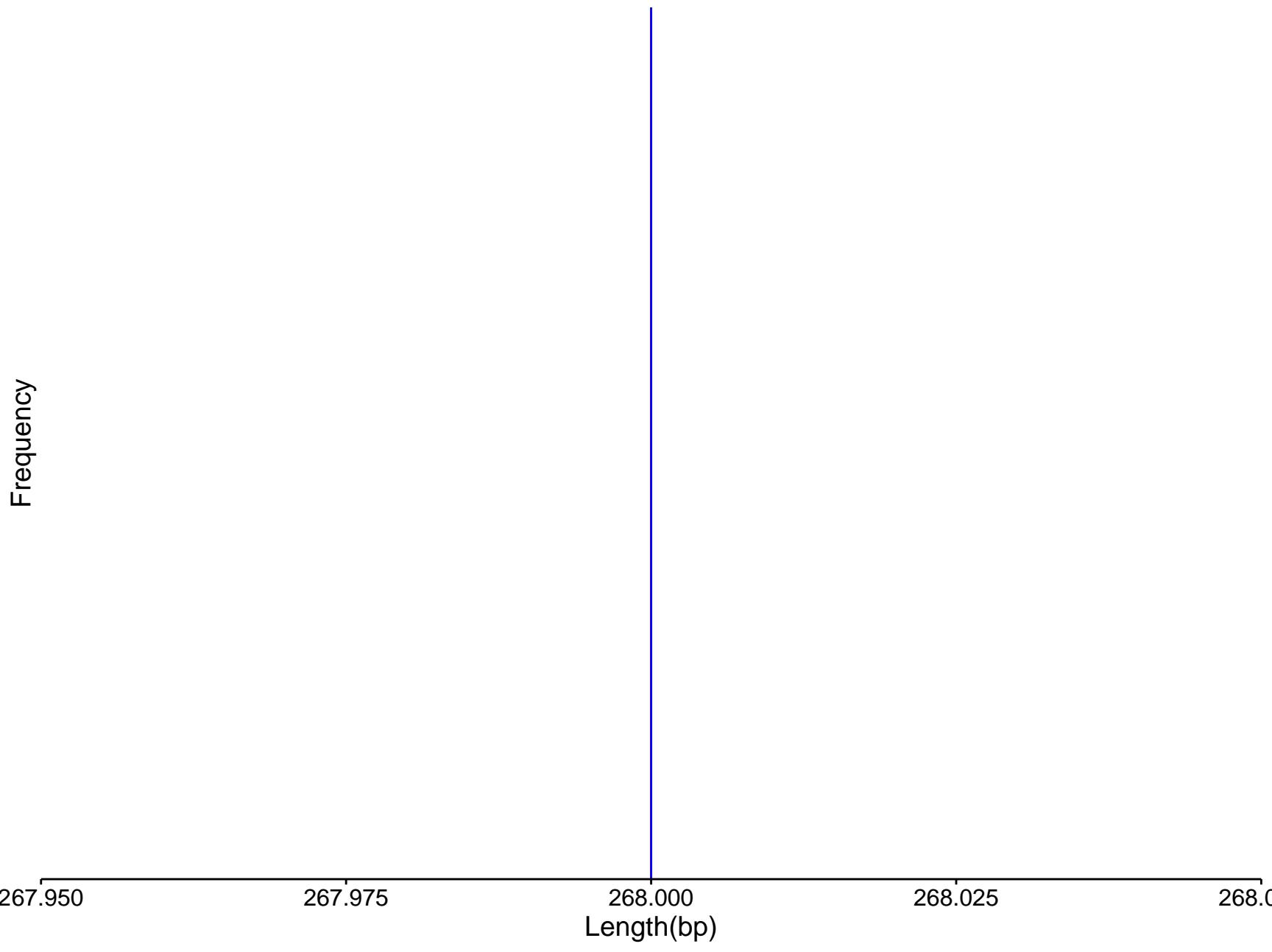
Cluster1796



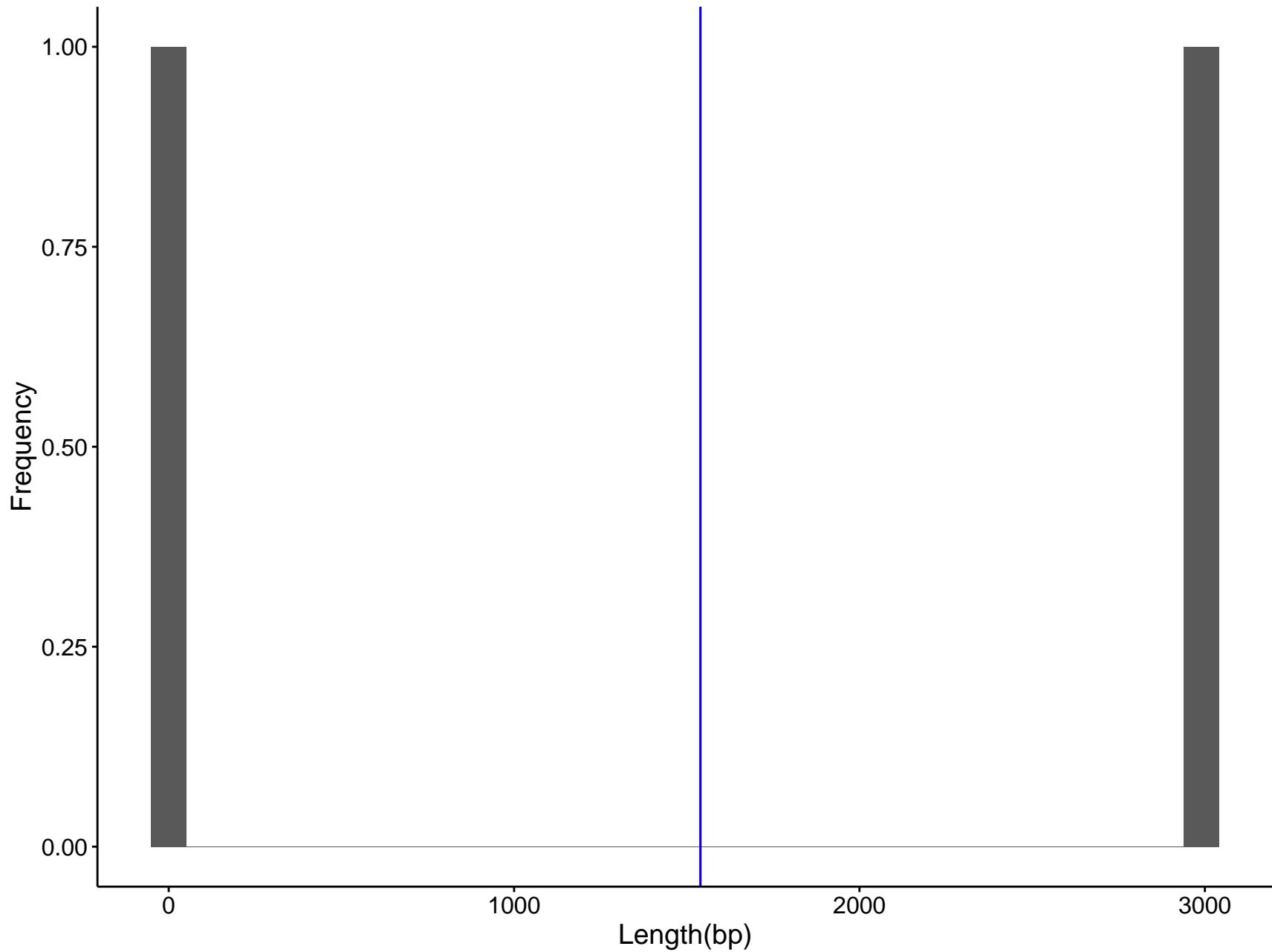
Cluster1797



Cluster1799



Cluster1800



Cluster1801

Frequency

1290.950

1290.975

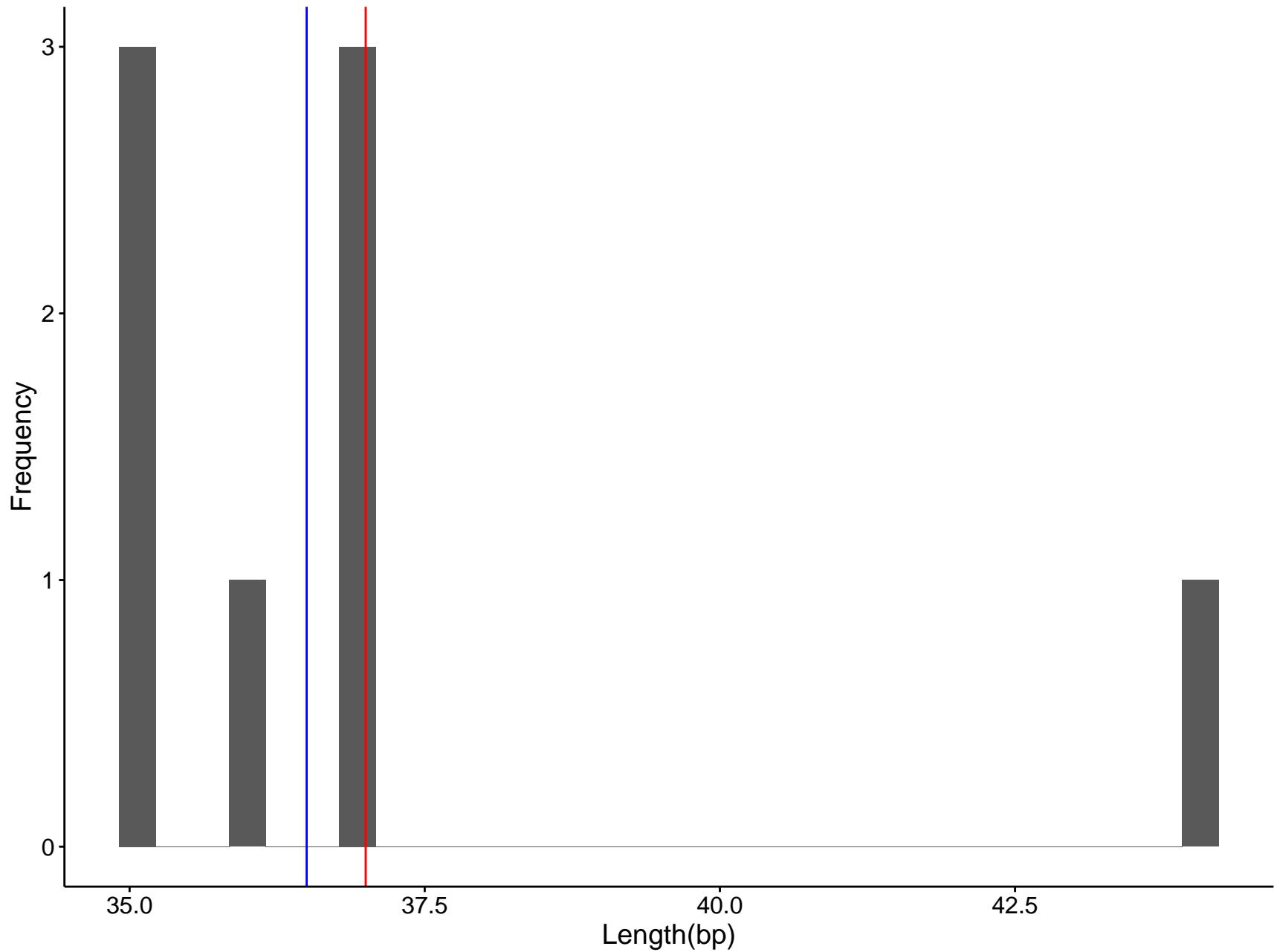
1291.000
Length(bp)

1291.025

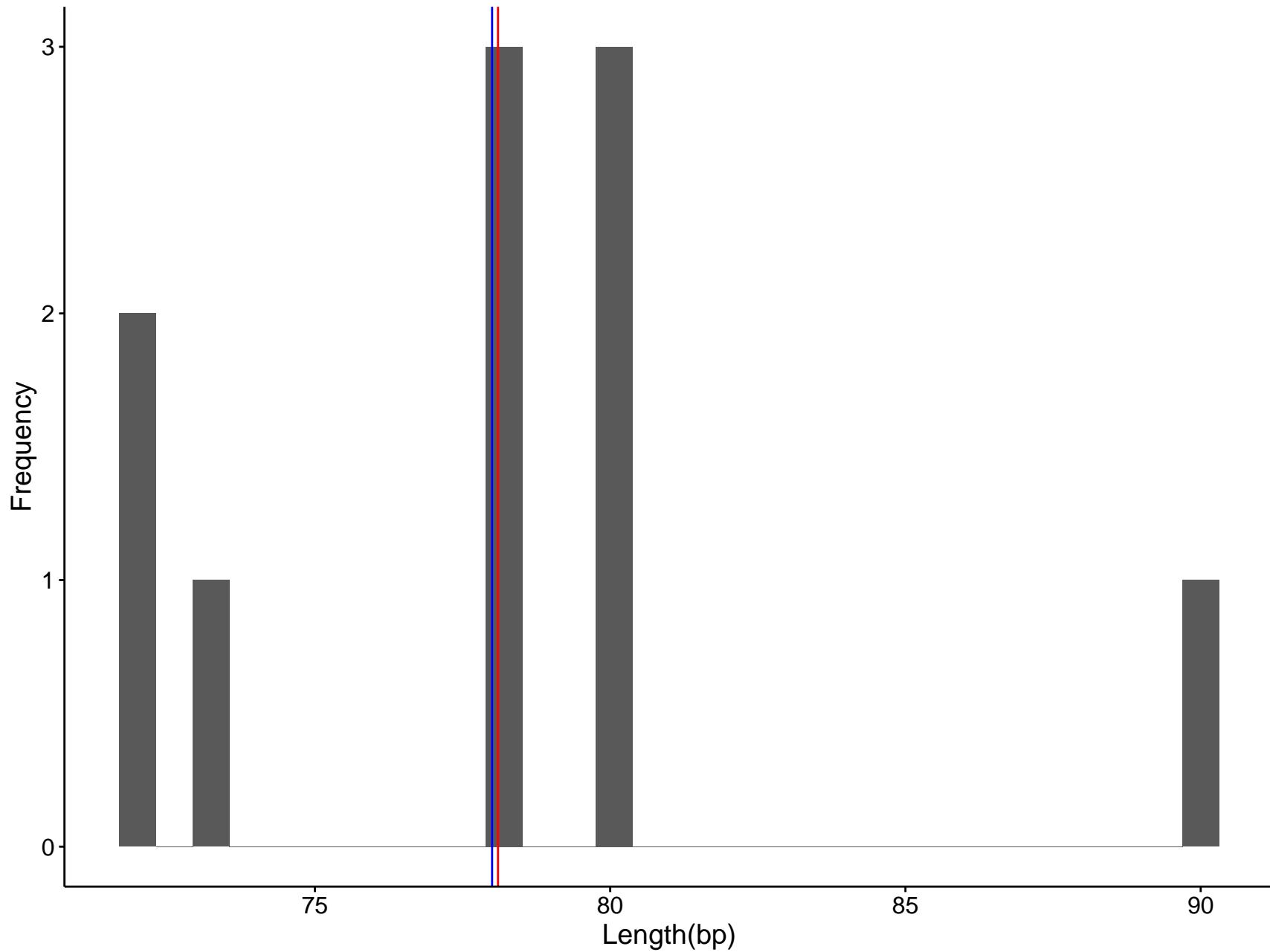
1291.



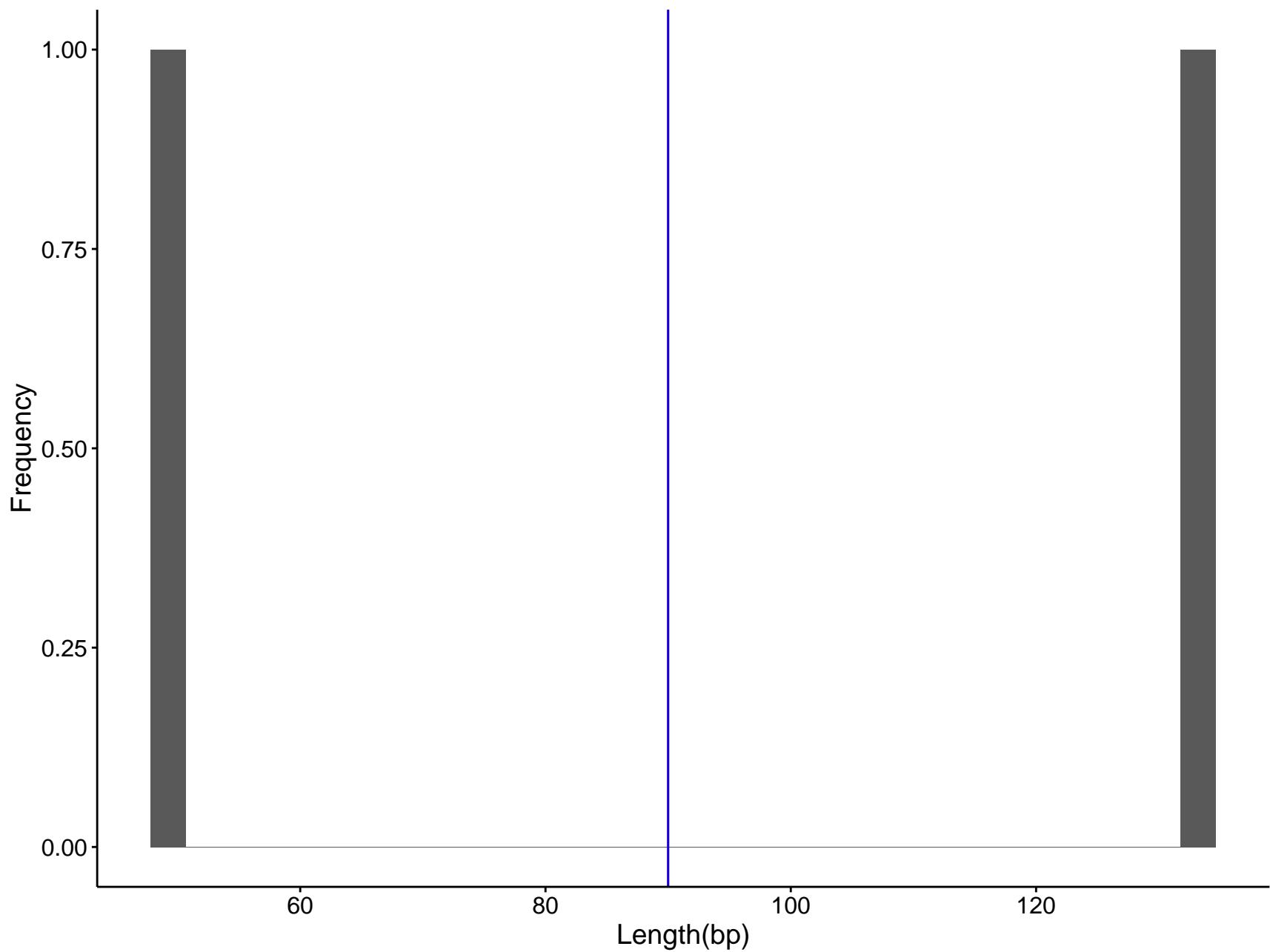
Cluster1806



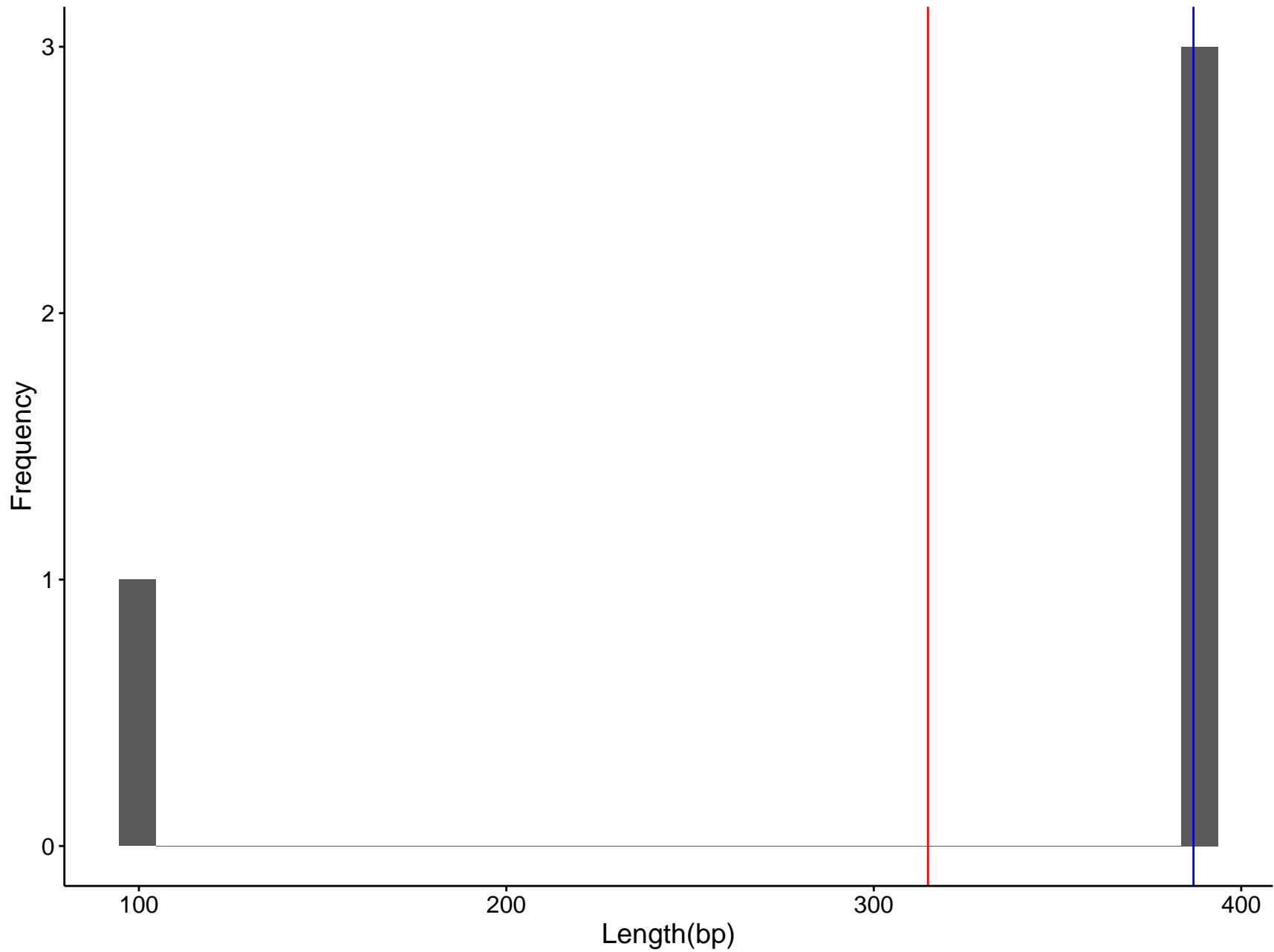
Cluster1808



Cluster1809



Cluster180



Cluster1810

Frequency

647.950

647.975

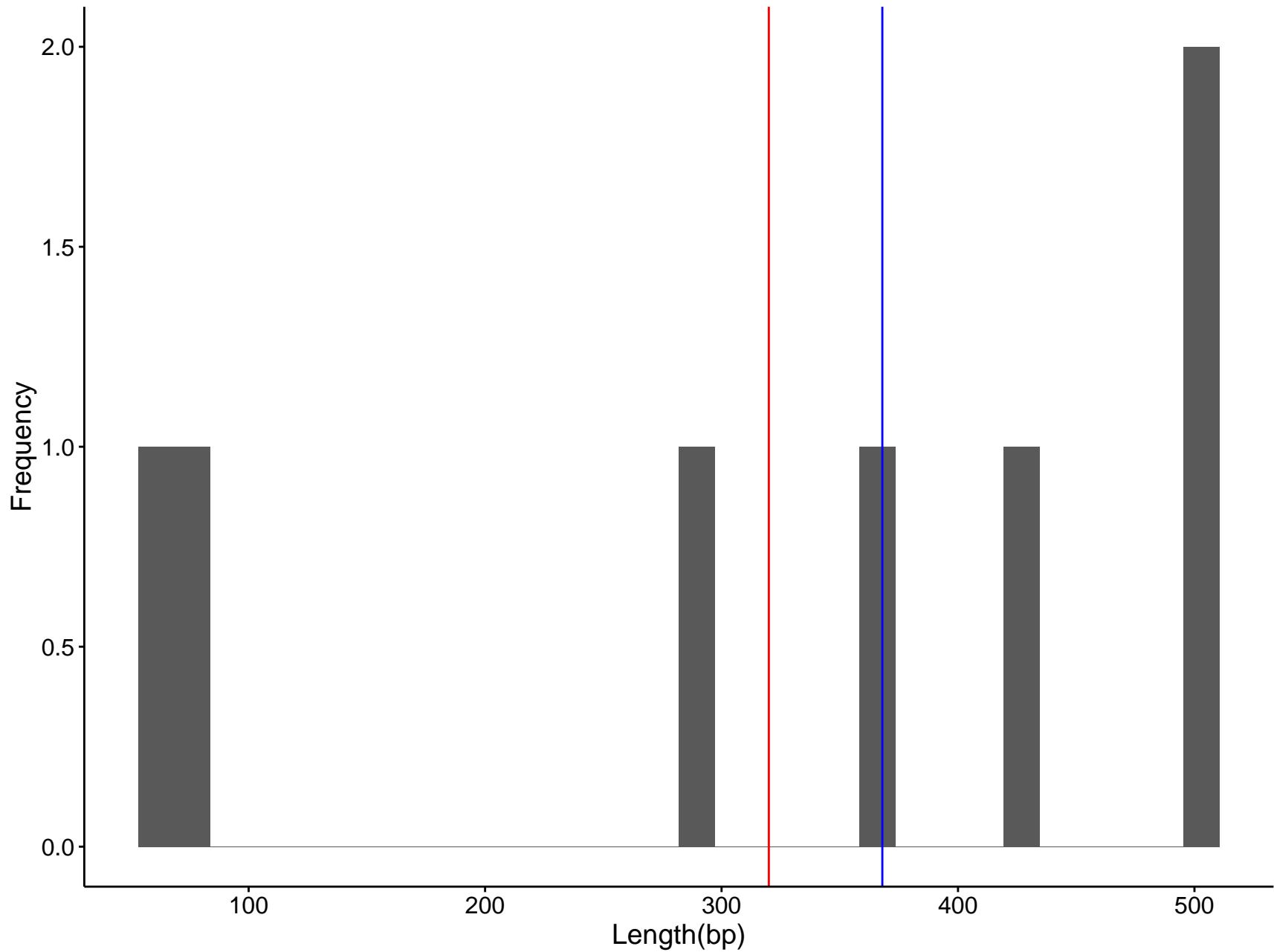
648.000

648.025

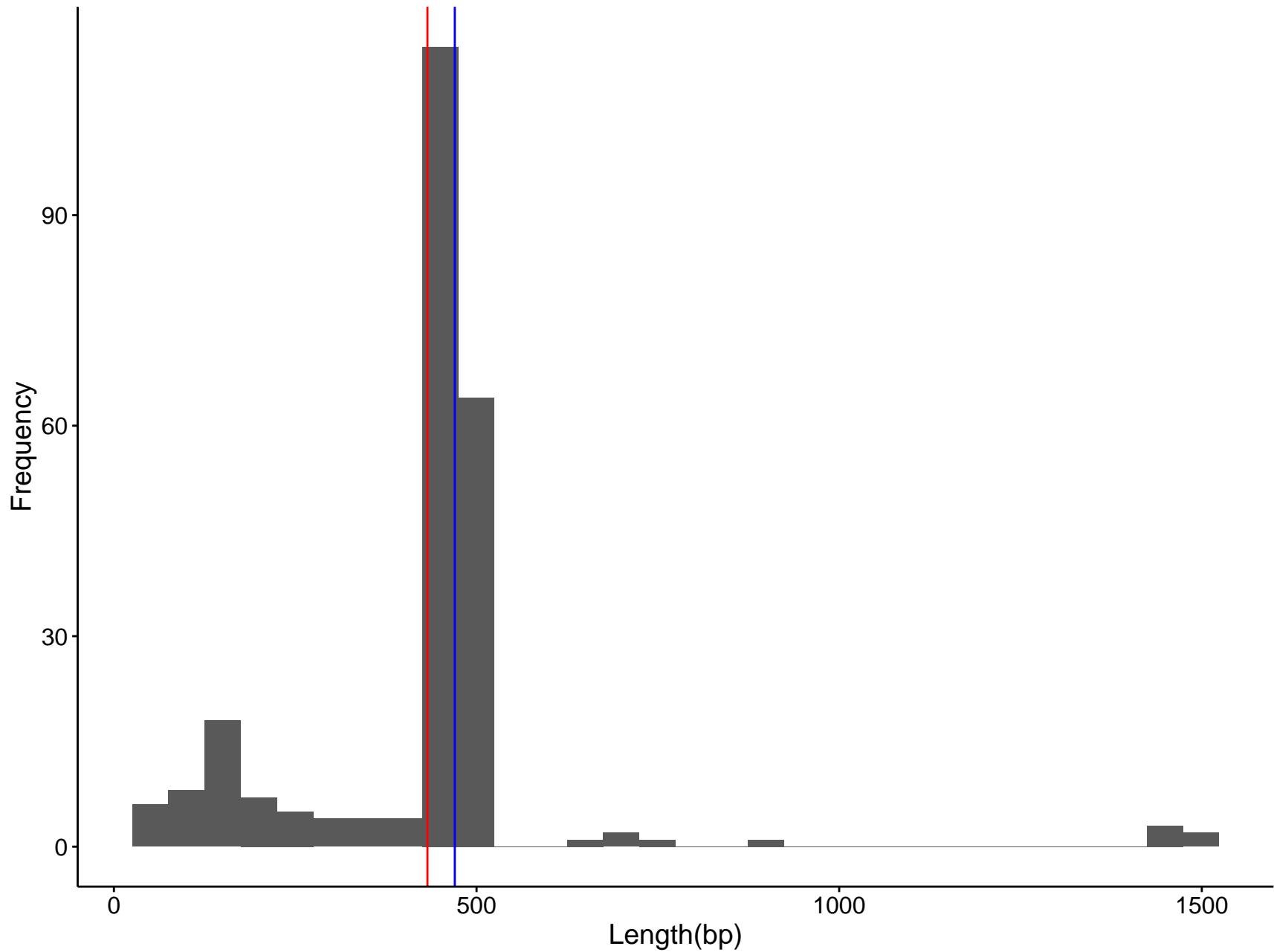
Length(bp)



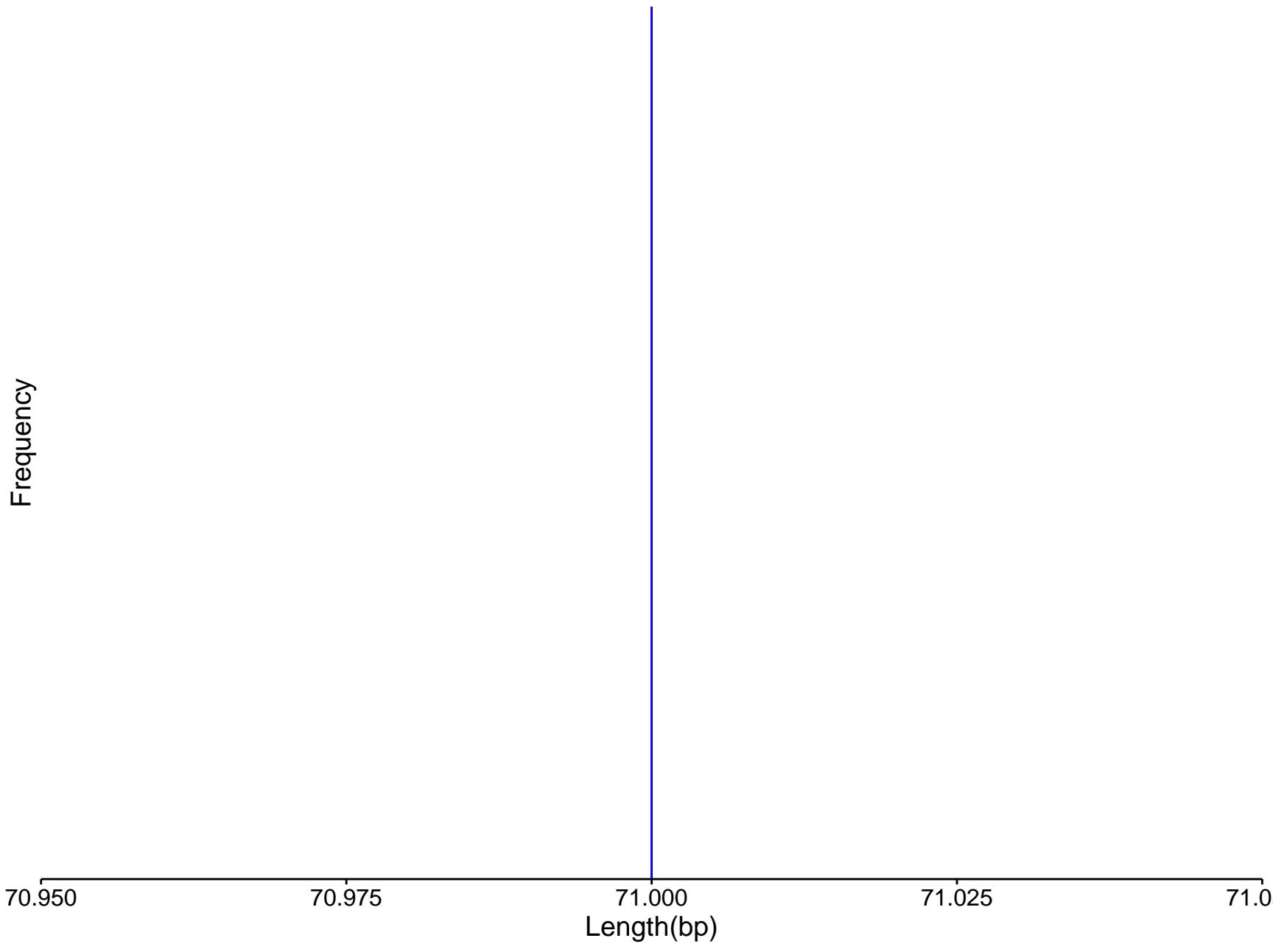
Cluster1811



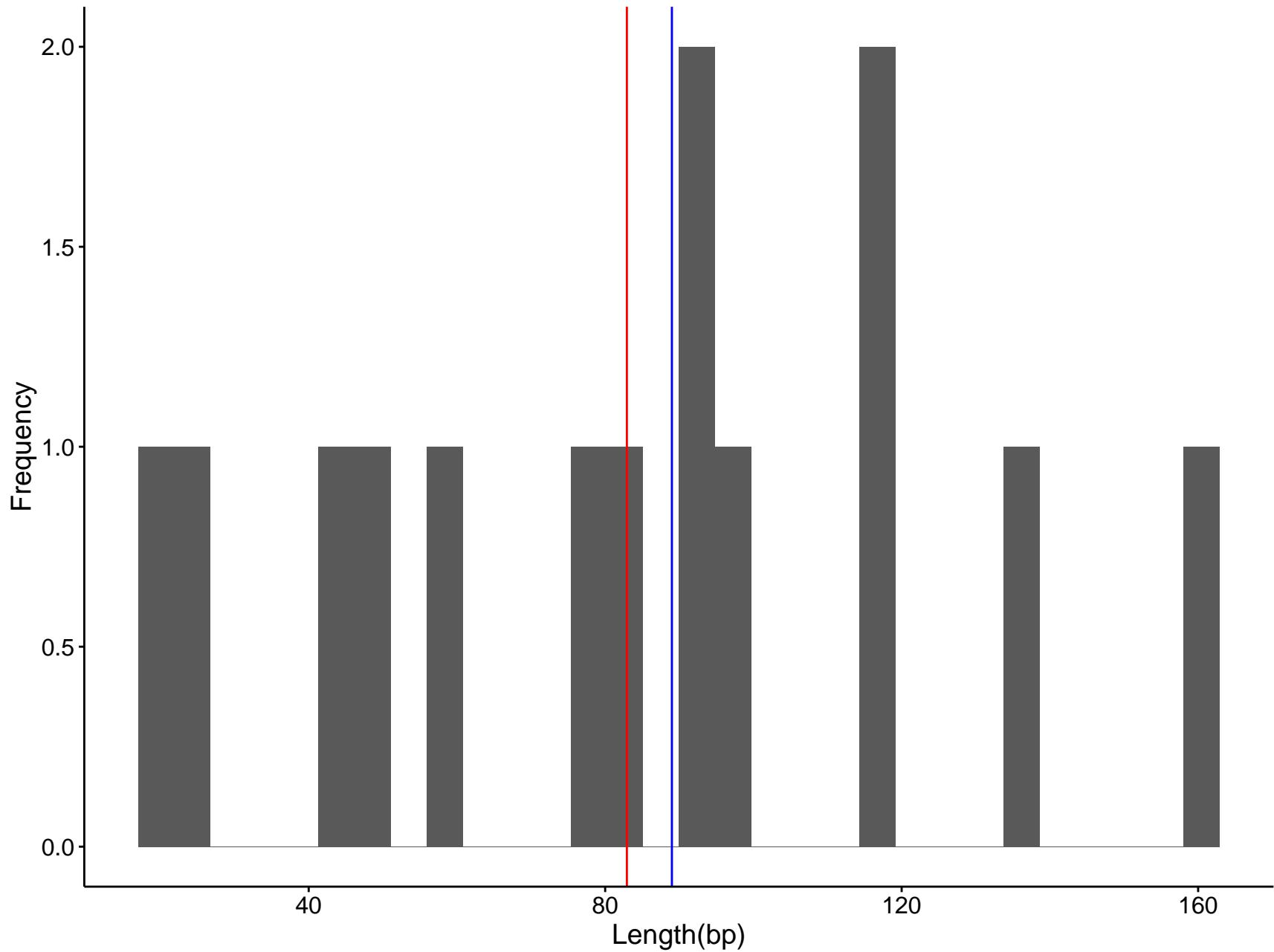
Cluster1812



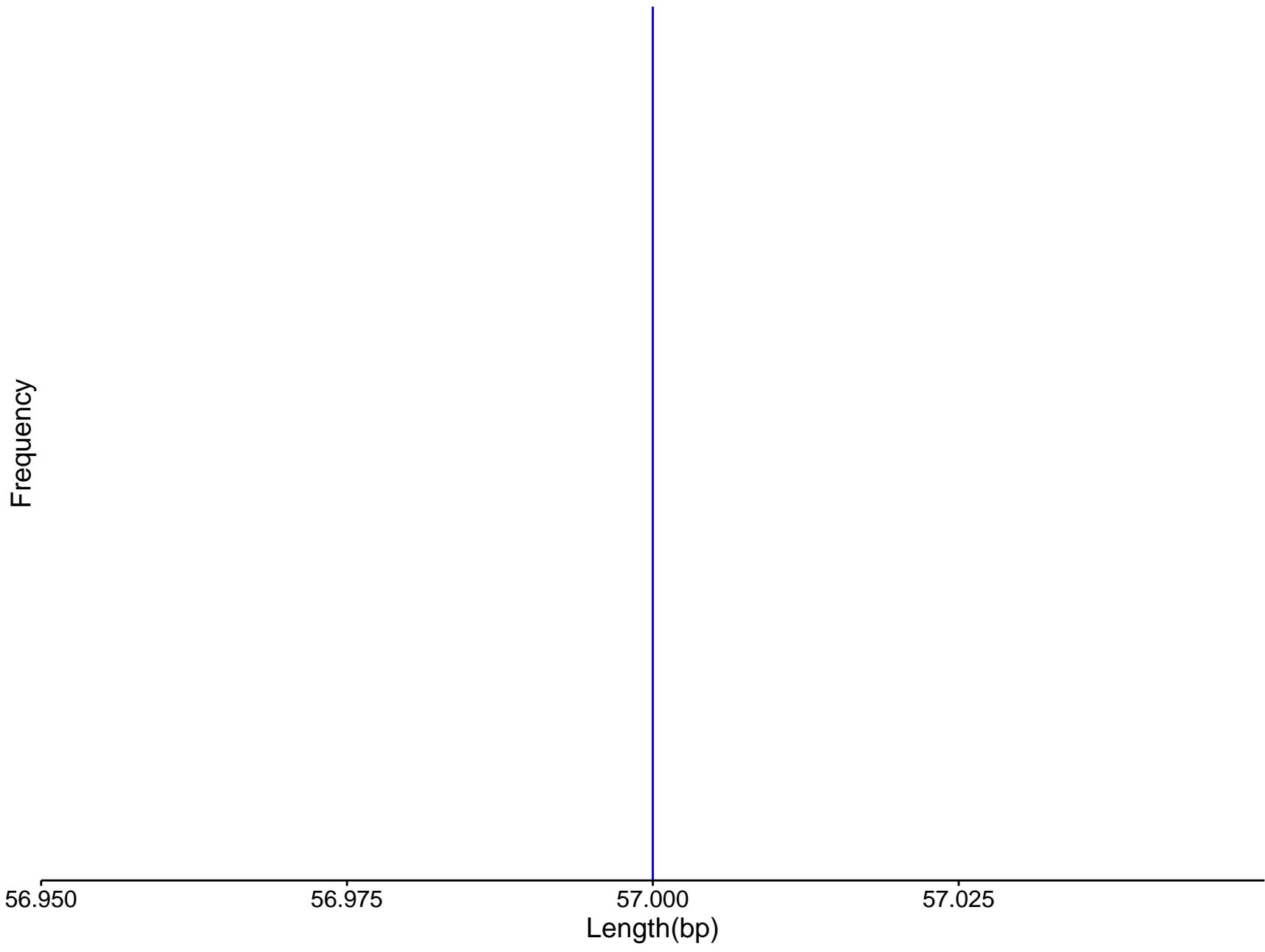
Cluster1817



Cluster1820



Cluster1822



Cluster1824

Frequency

27.950

27.975

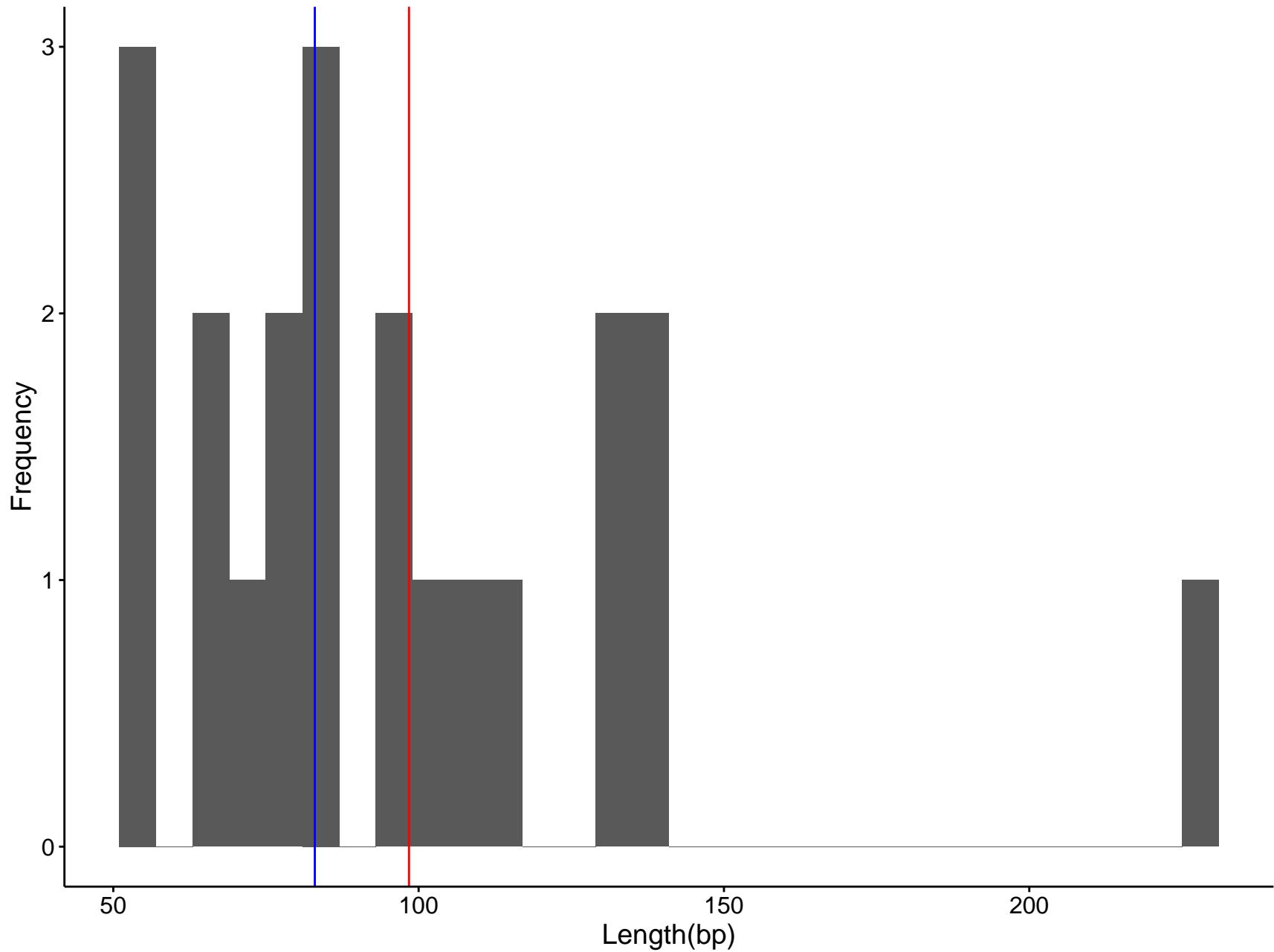
28.000

28.025

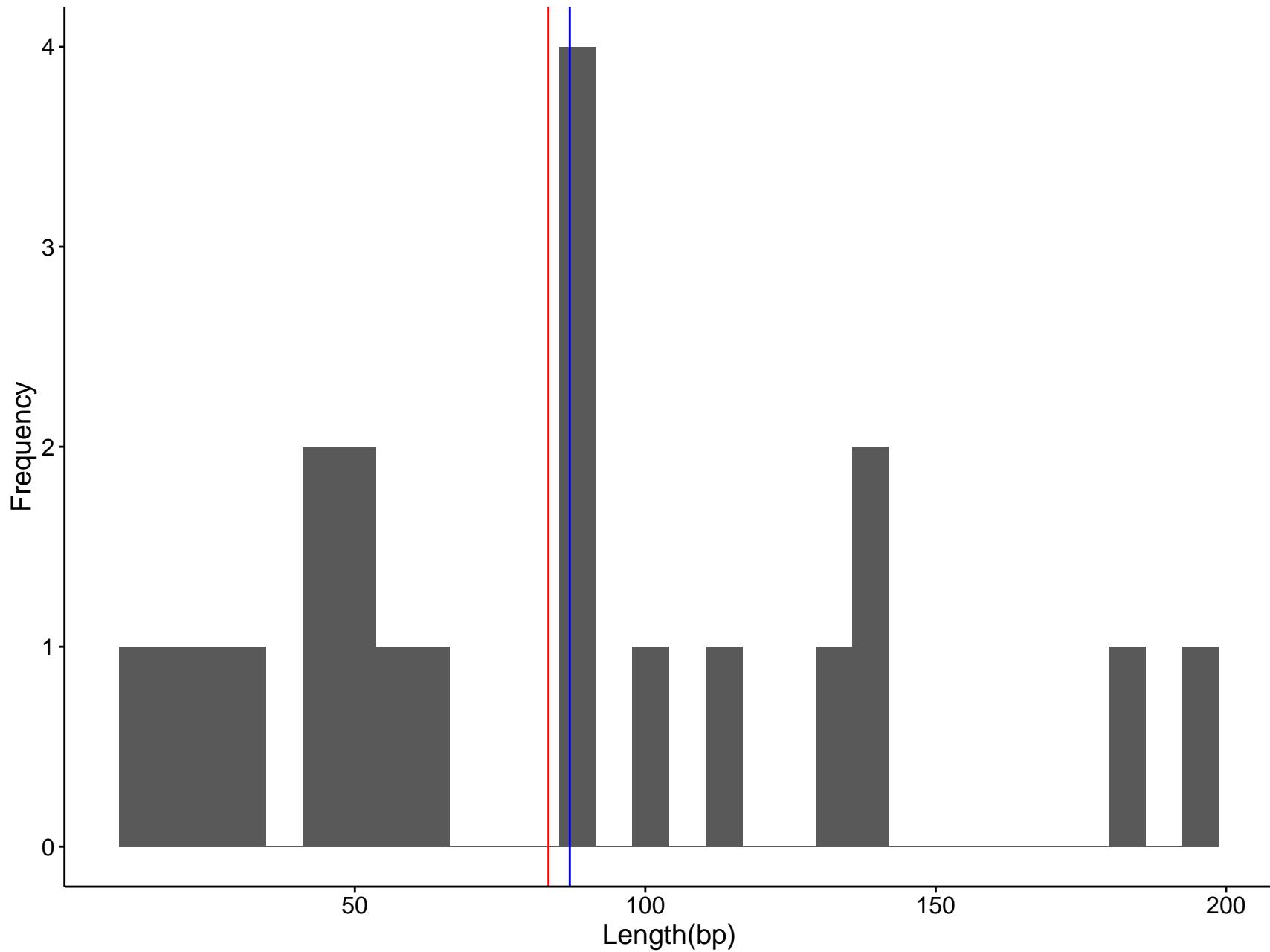
Length(bp)



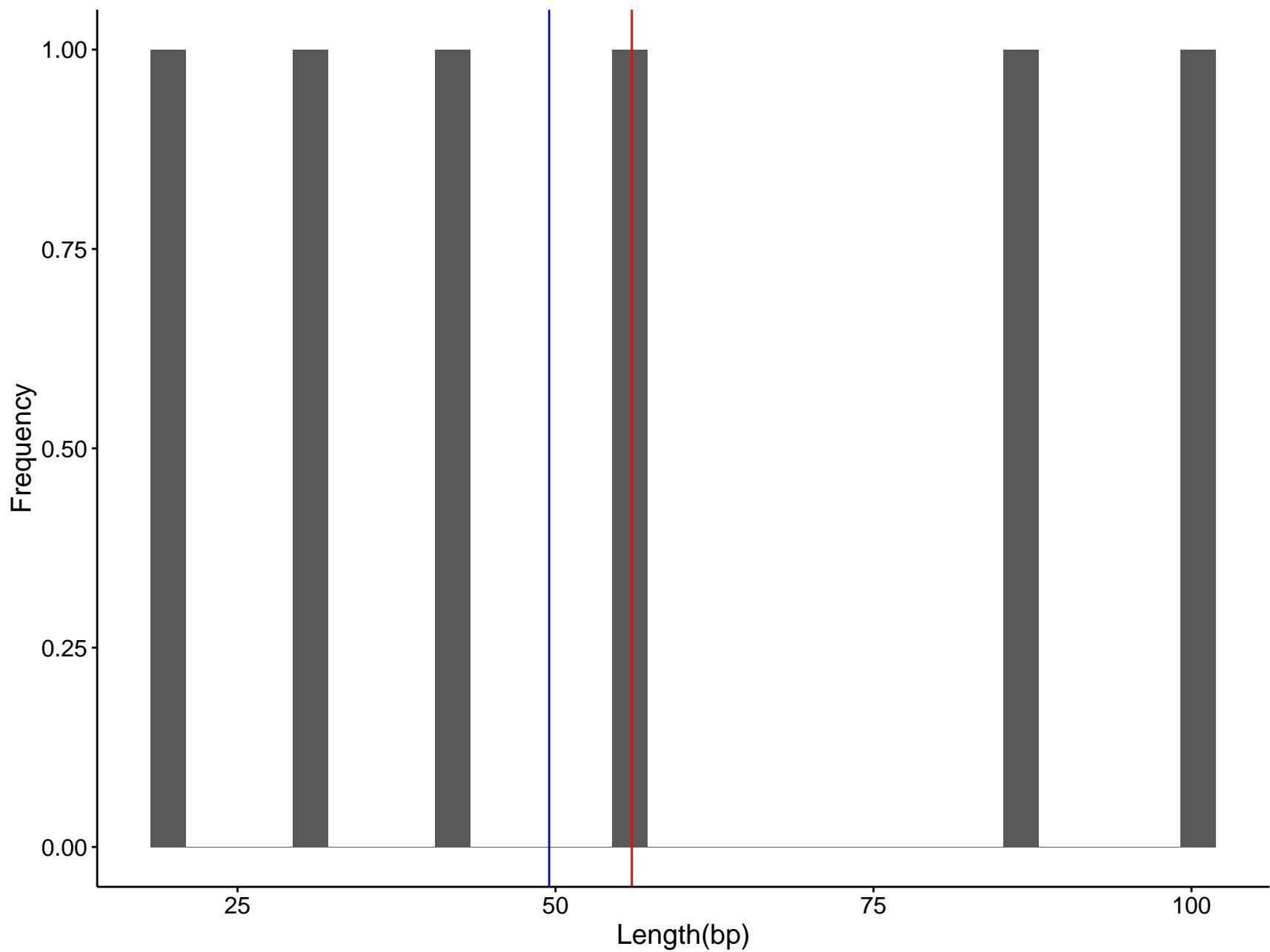
Cluster1825



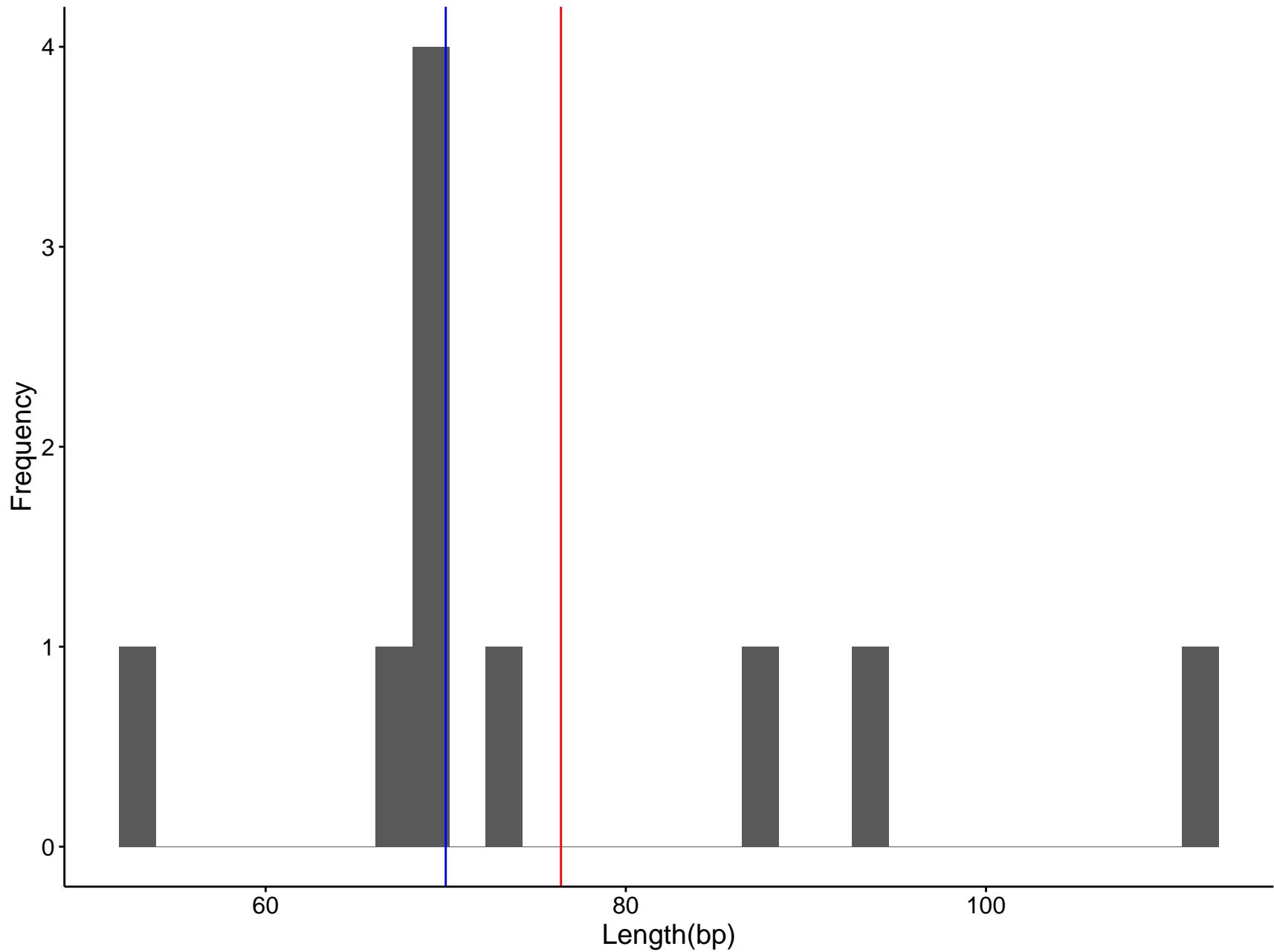
Cluster1826



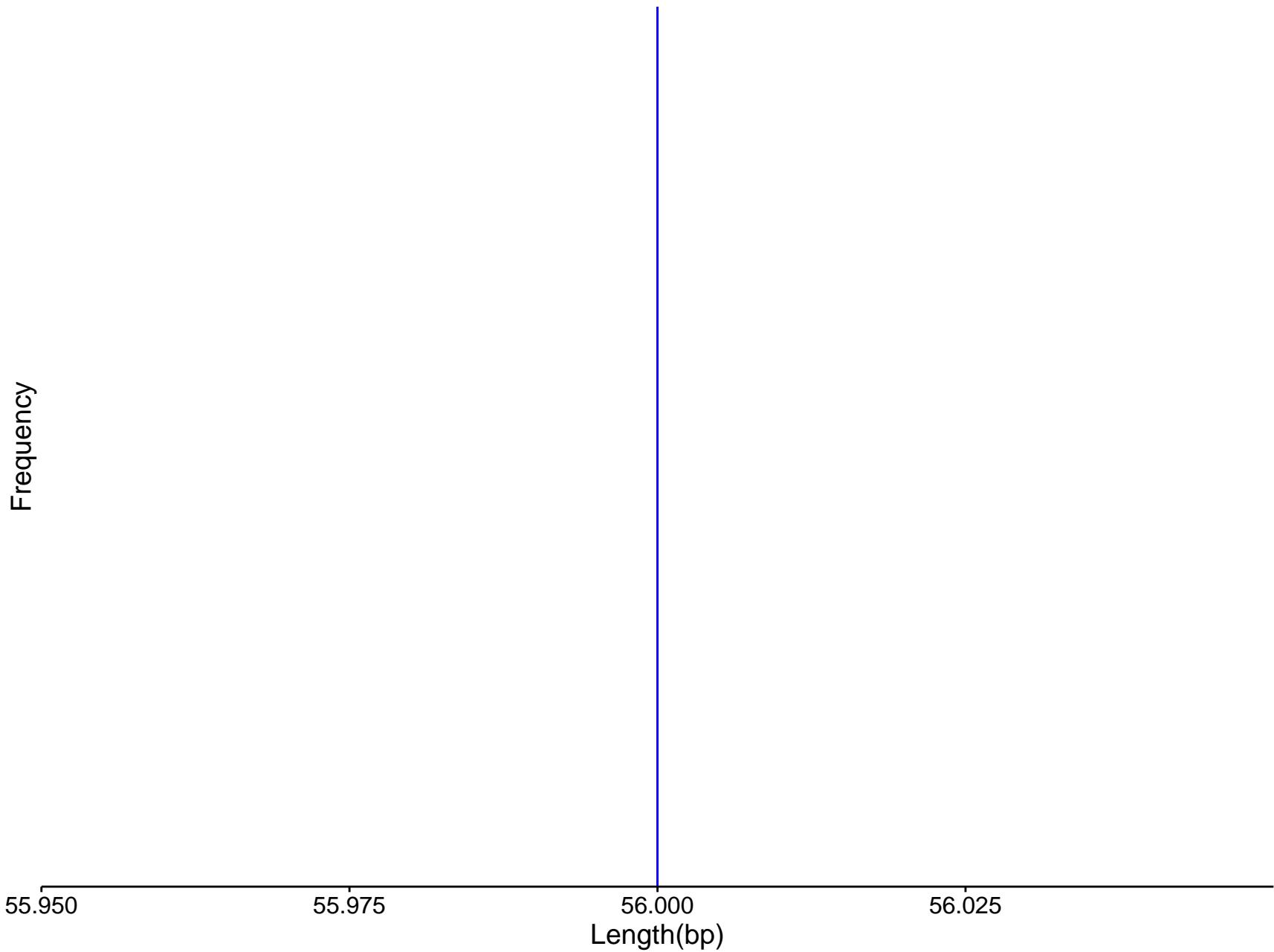
Cluster1829



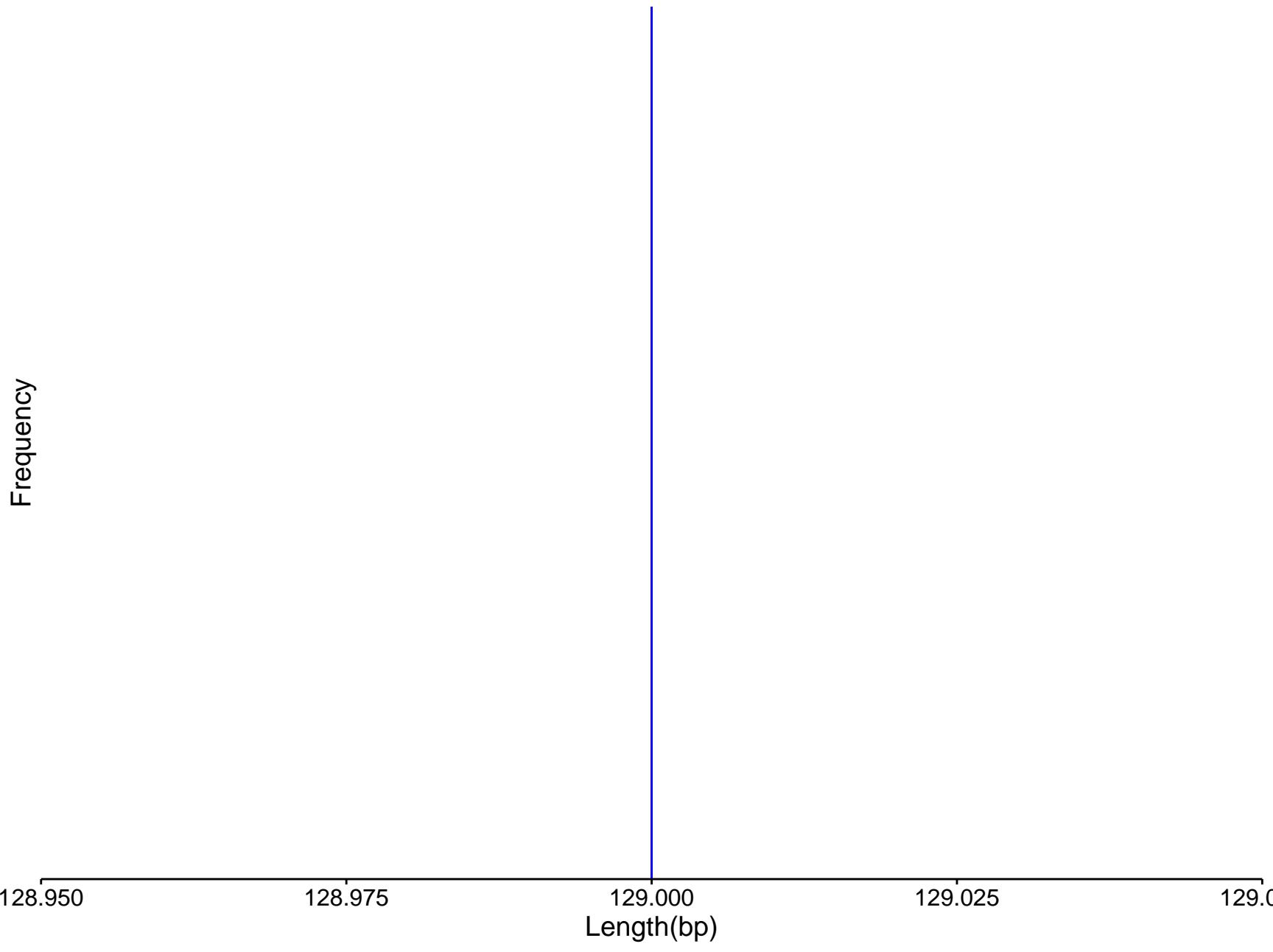
Cluster1830



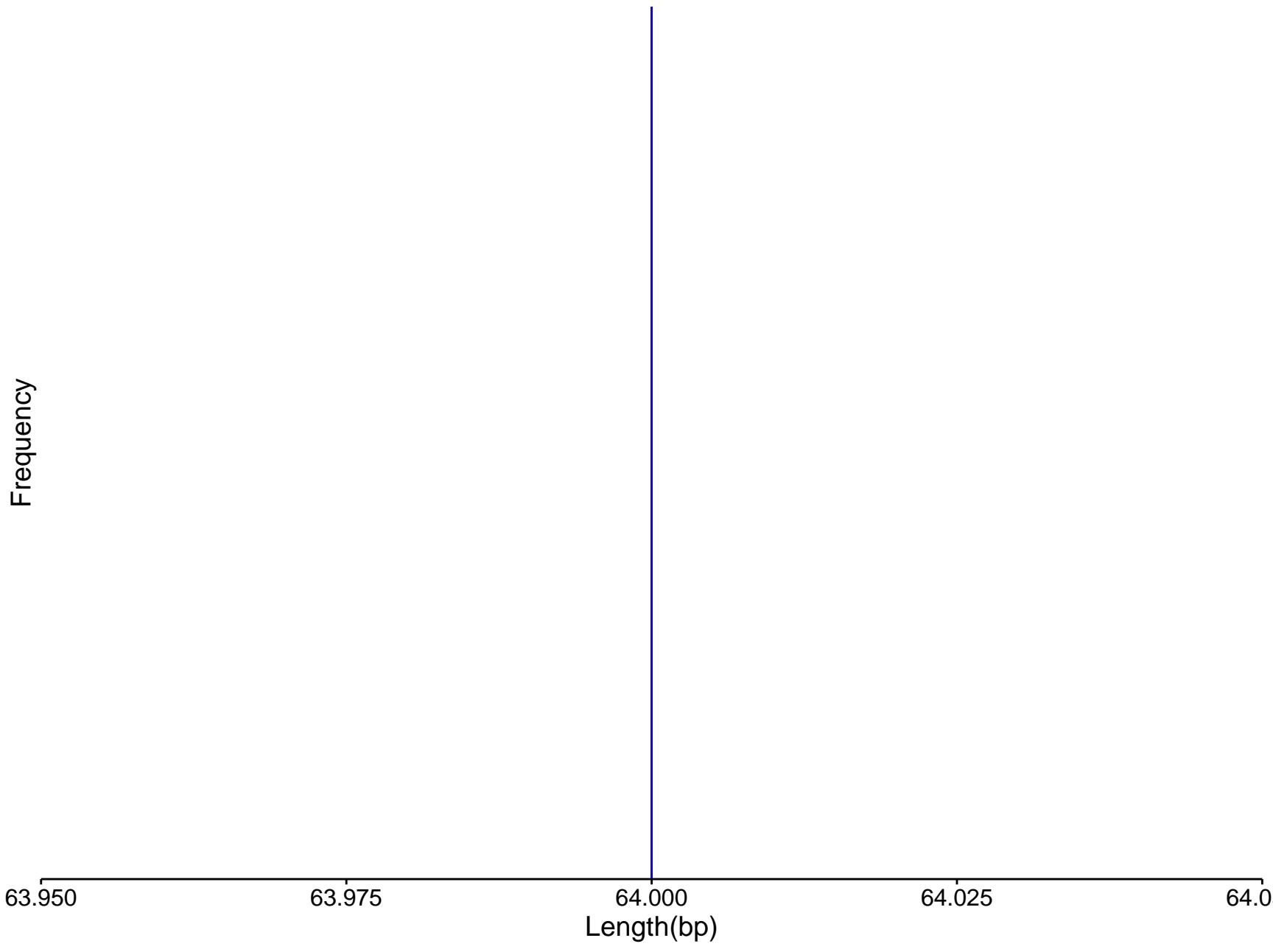
Cluster1832



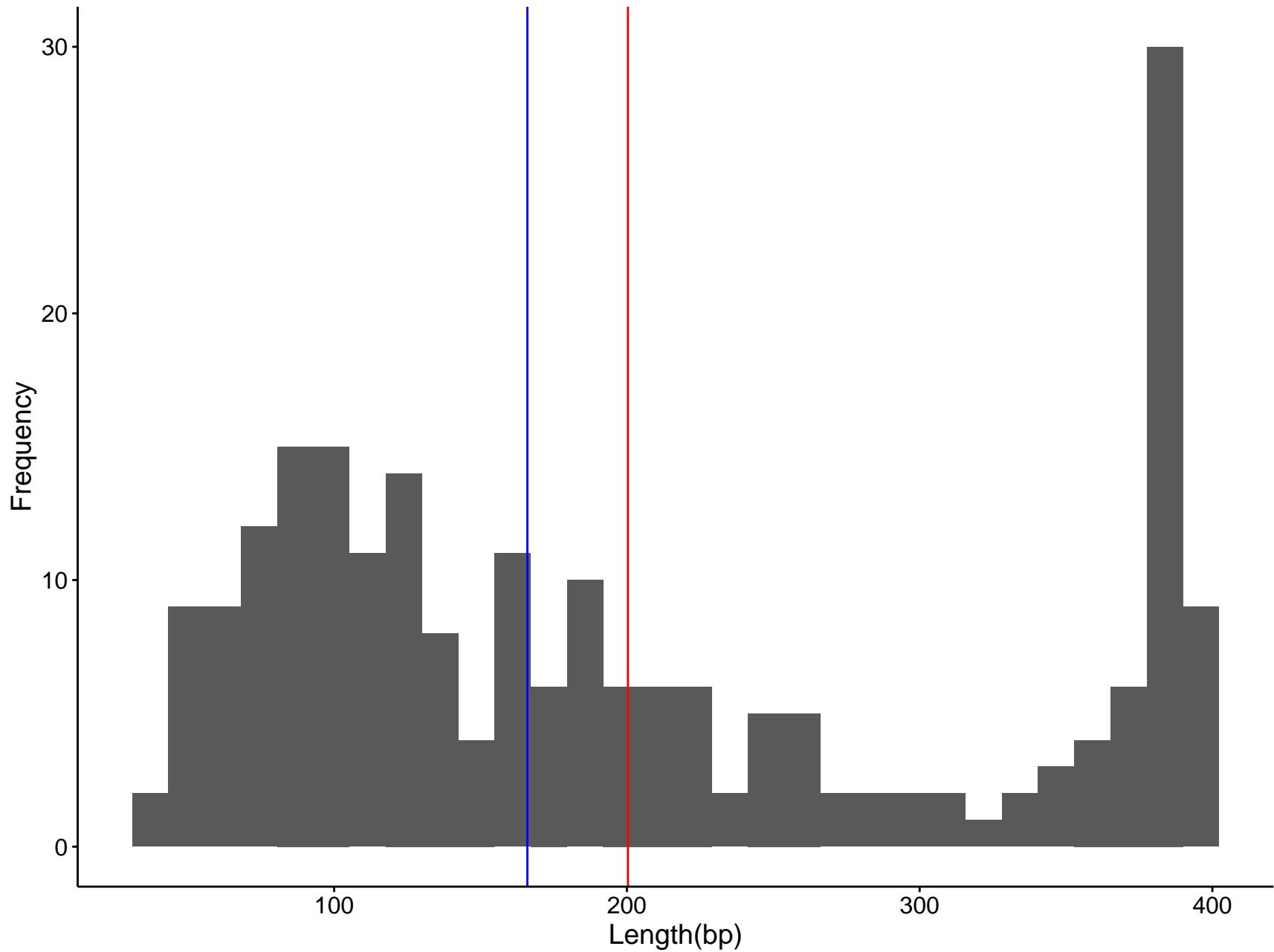
Cluster1833



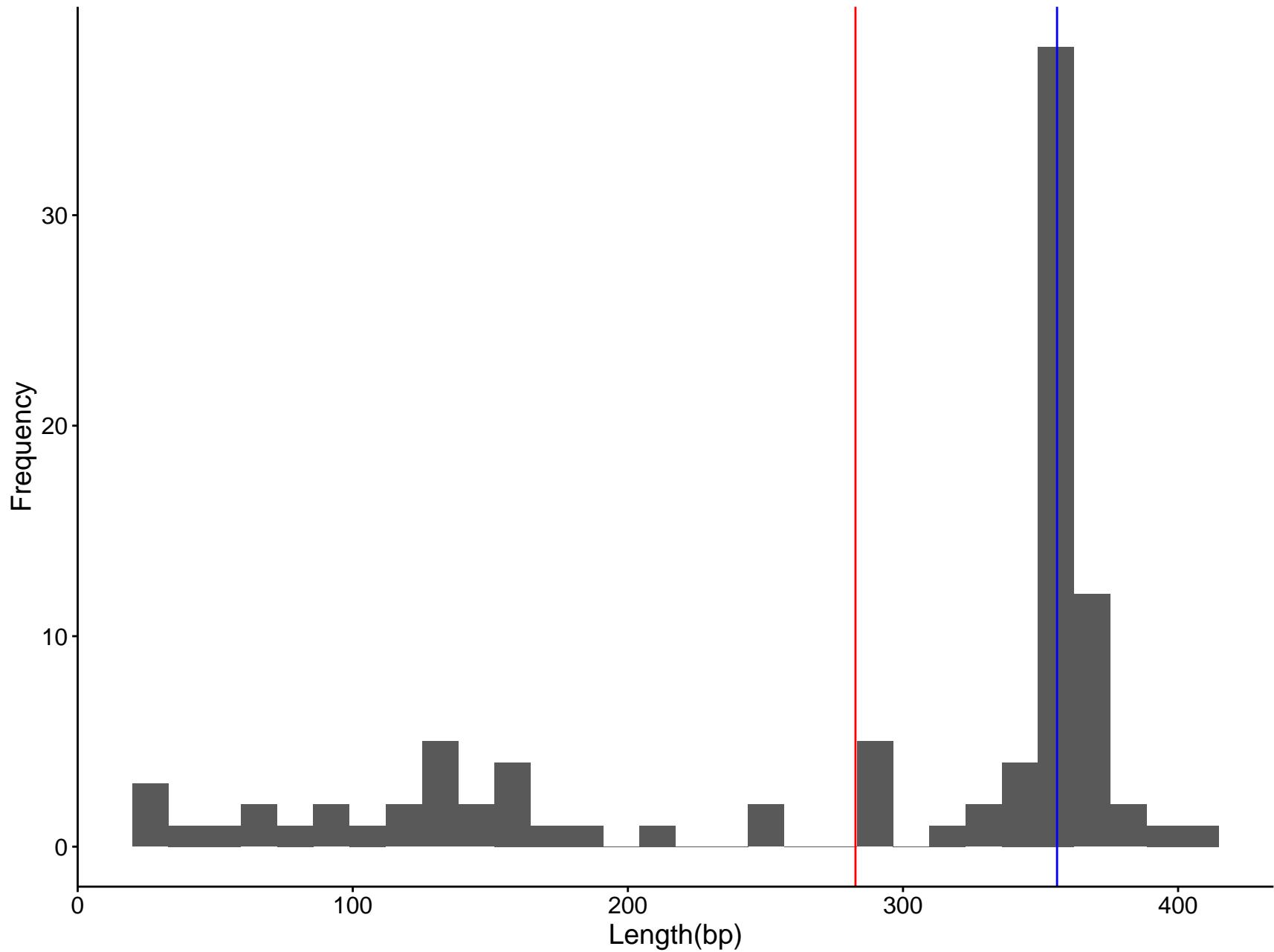
Cluster1834



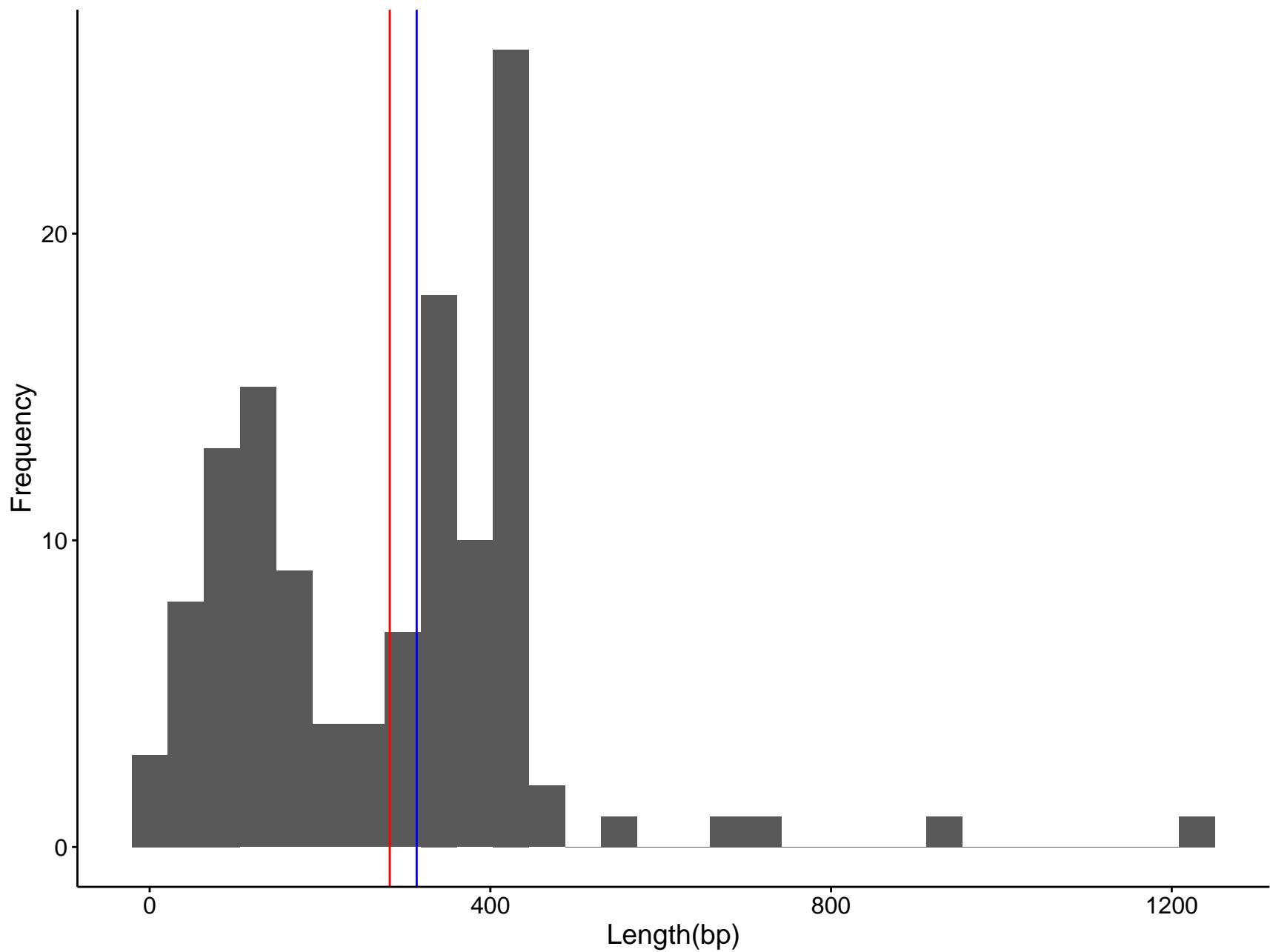
Cluster1837



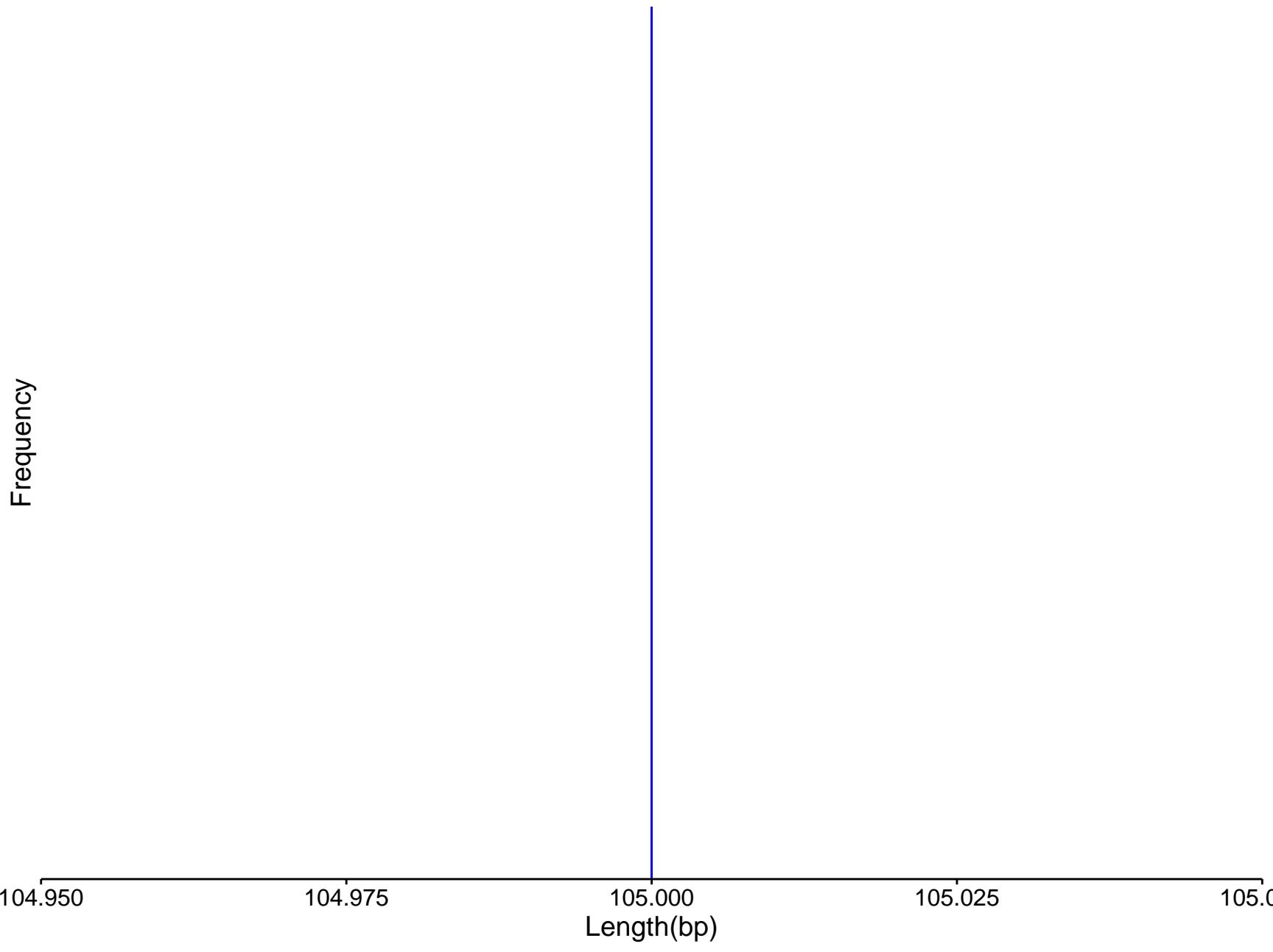
Cluster1838



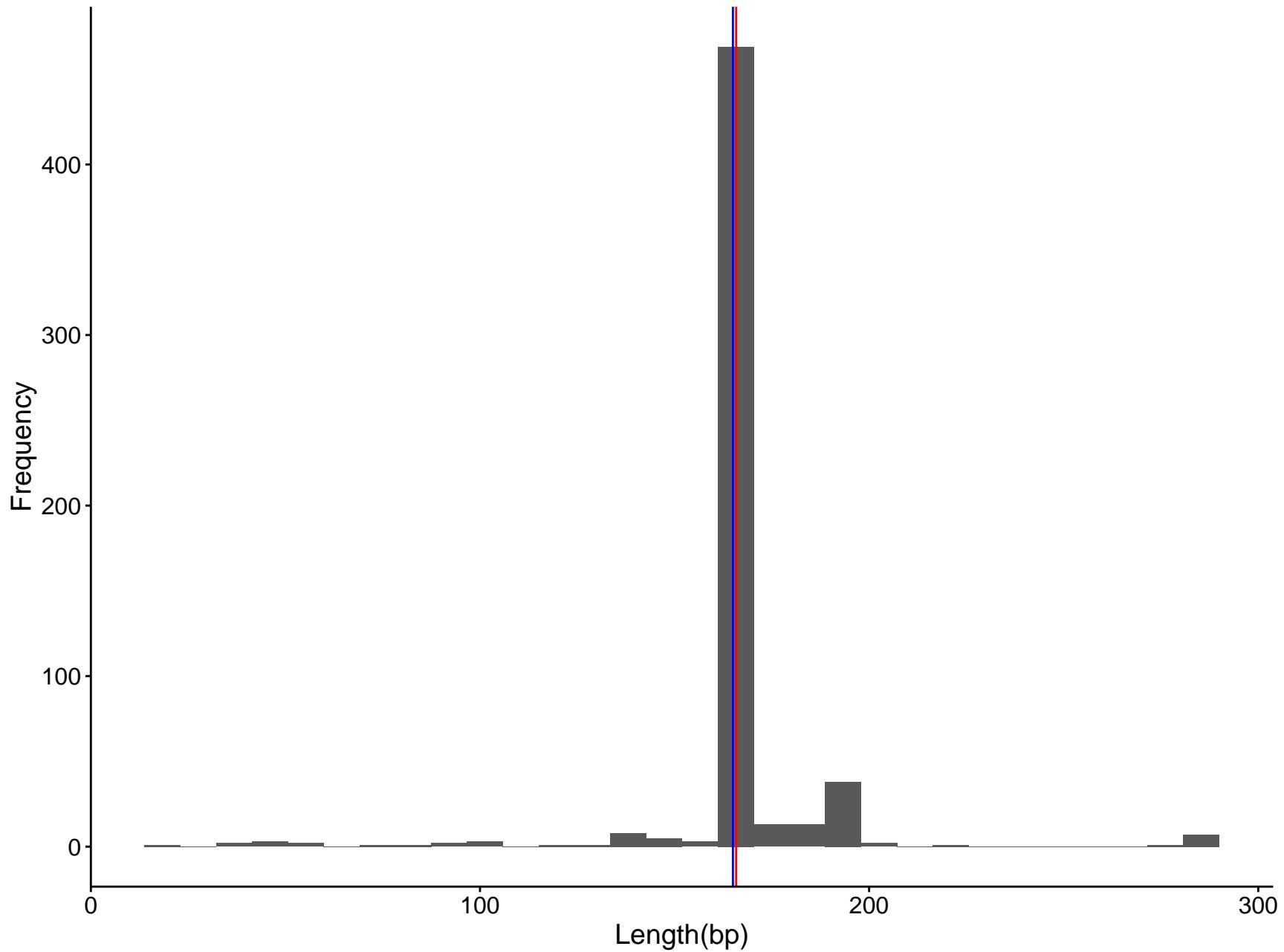
Cluster1839



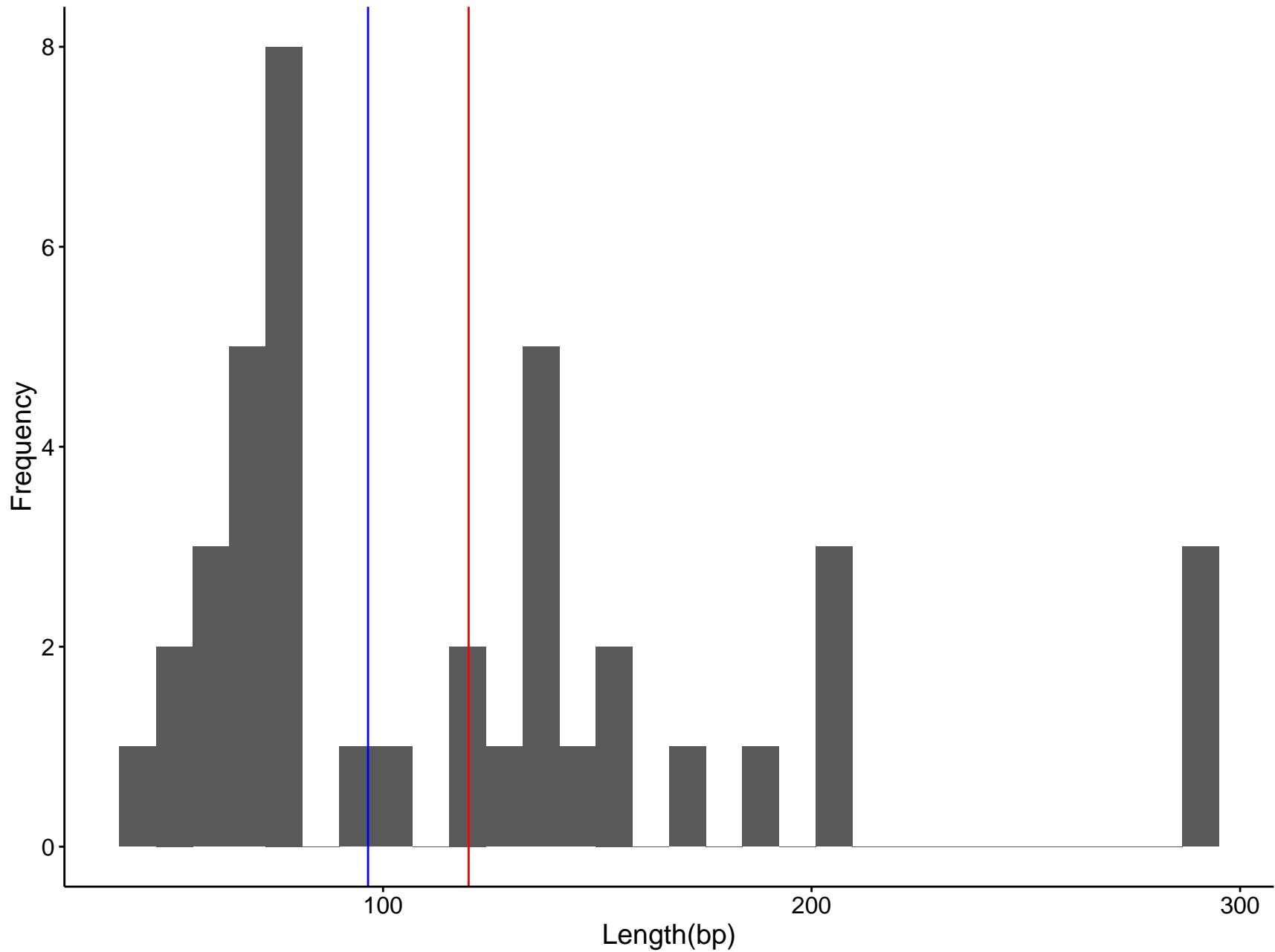
Cluster183



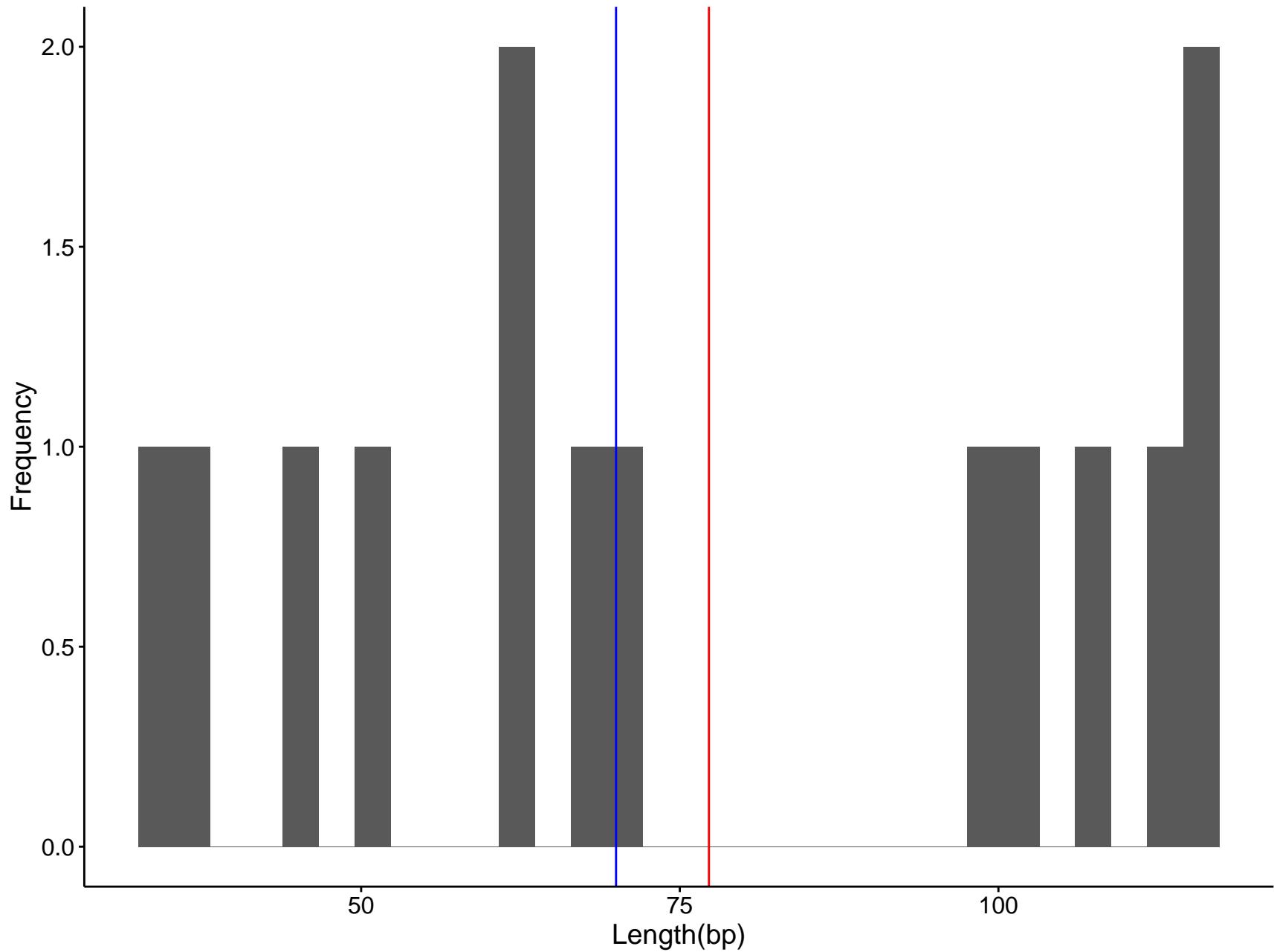
Cluster1840



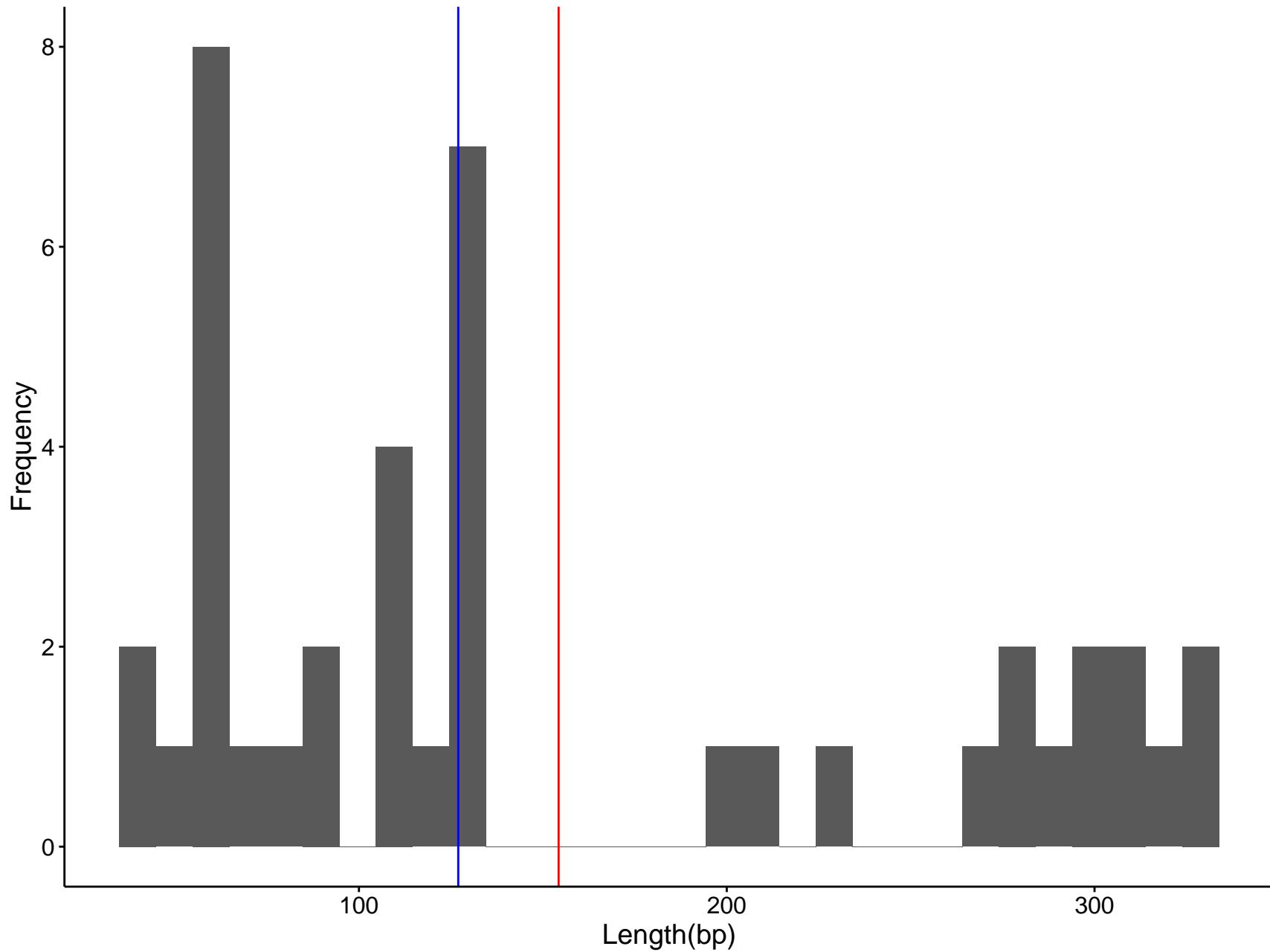
Cluster1841



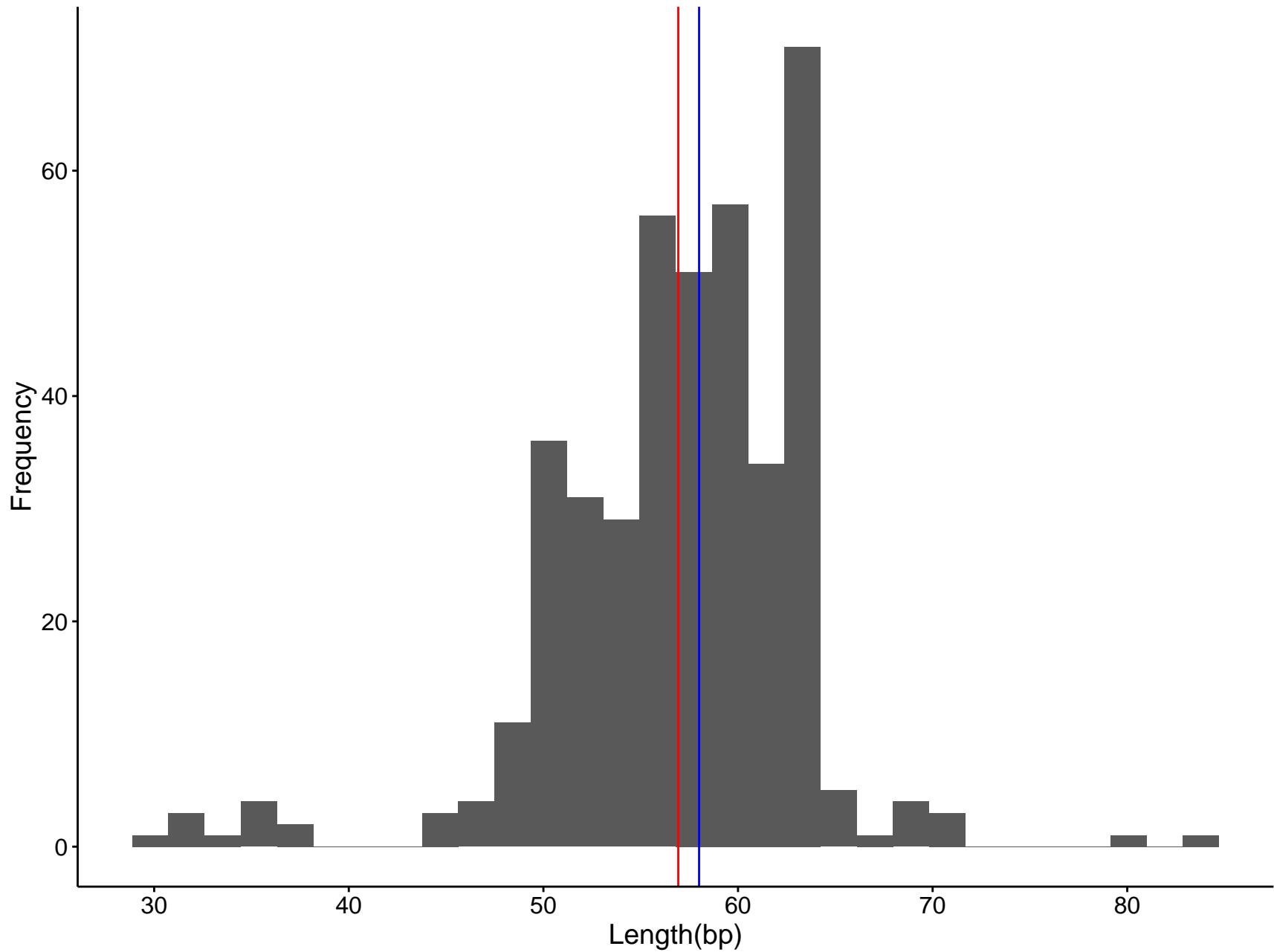
Cluster1842



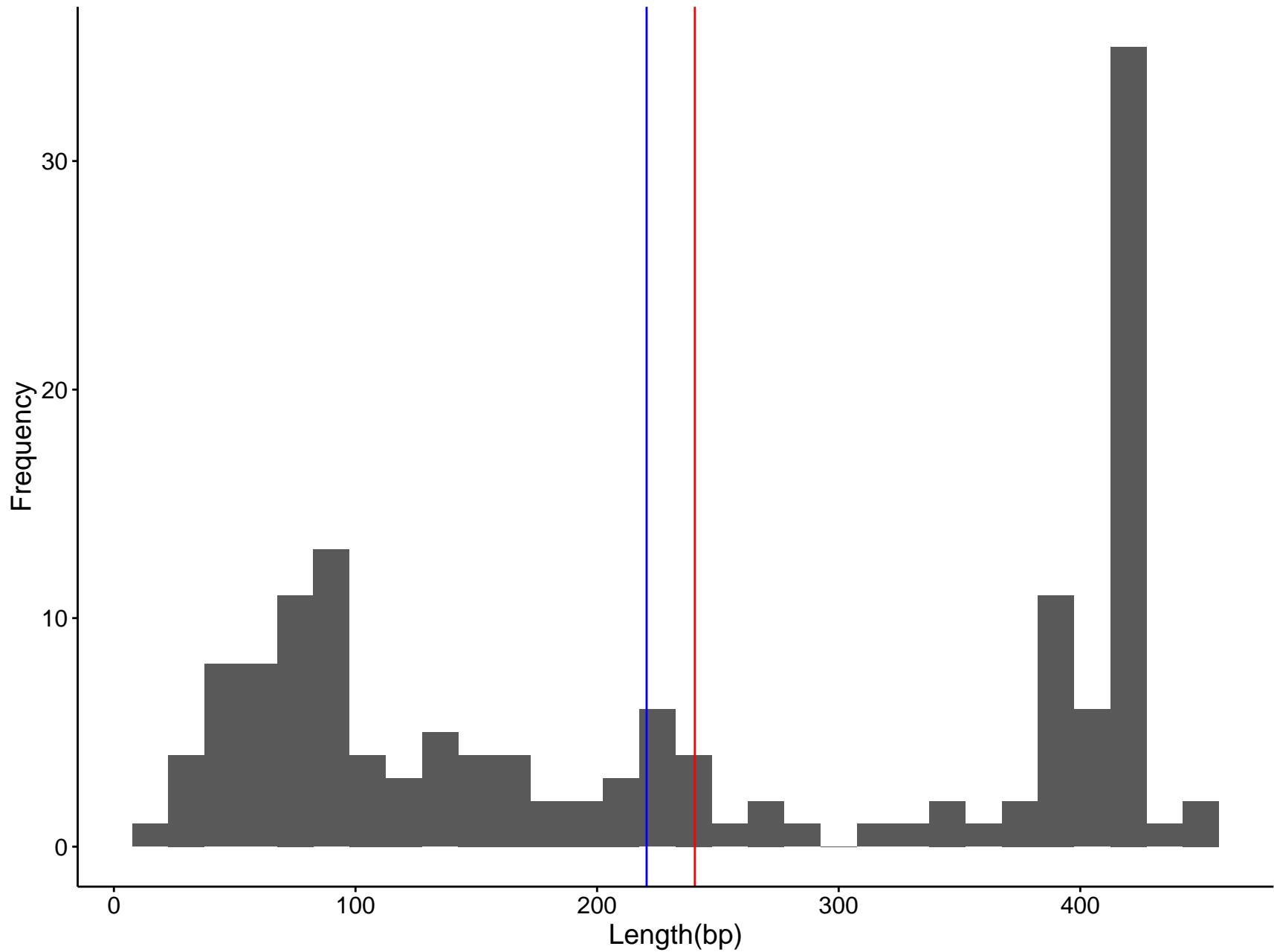
Cluster1843



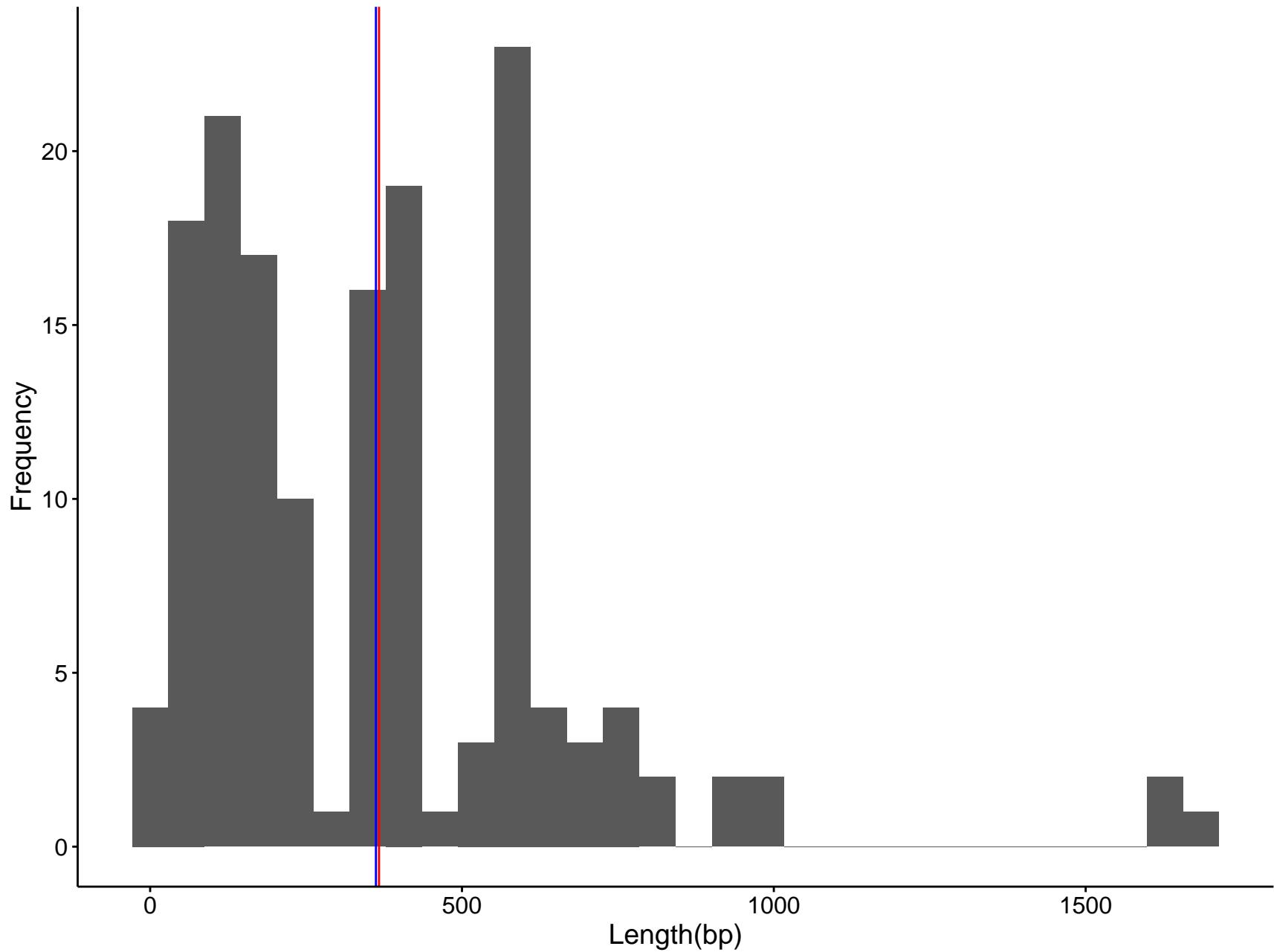
Cluster1844



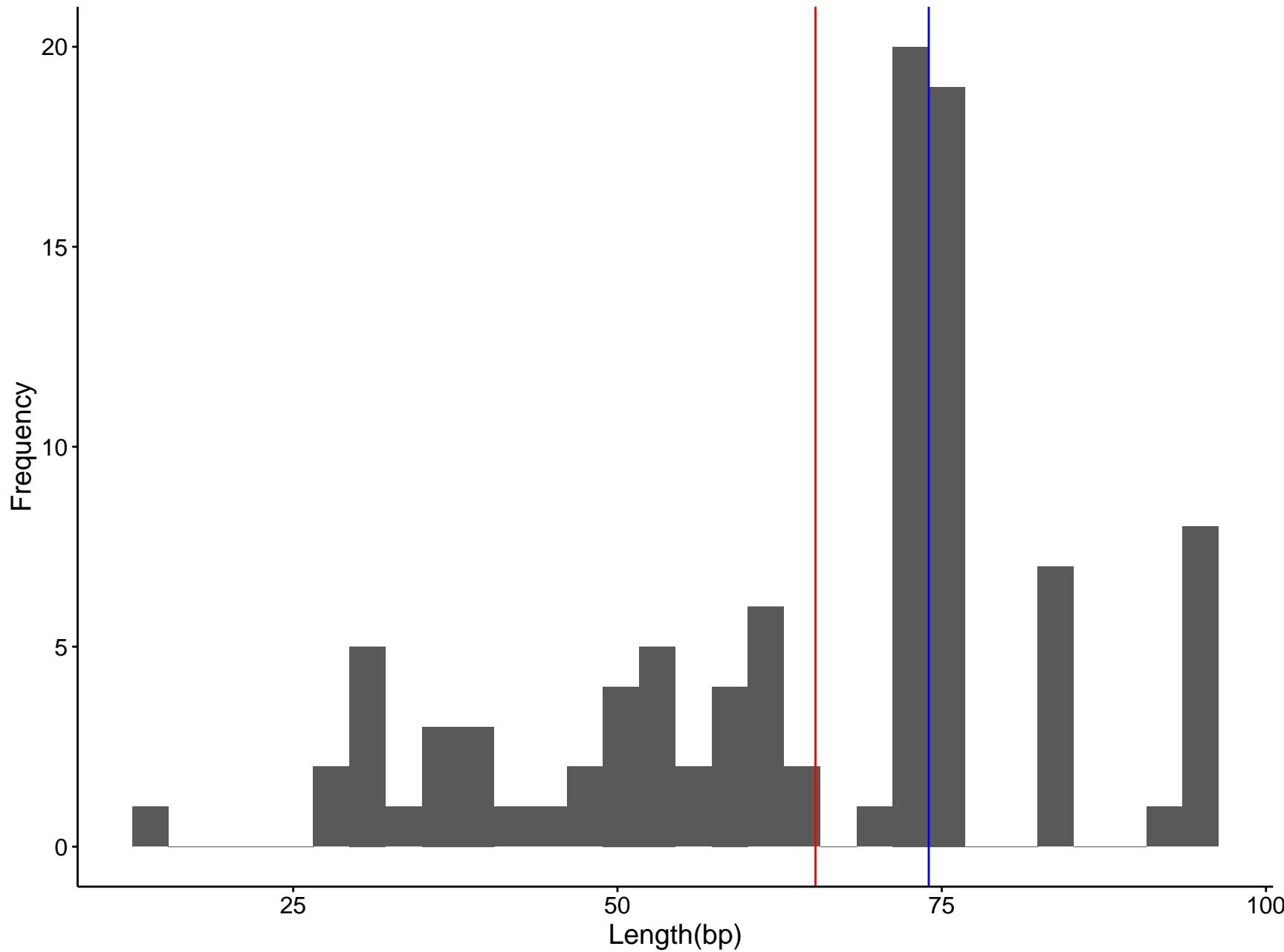
Cluster1845



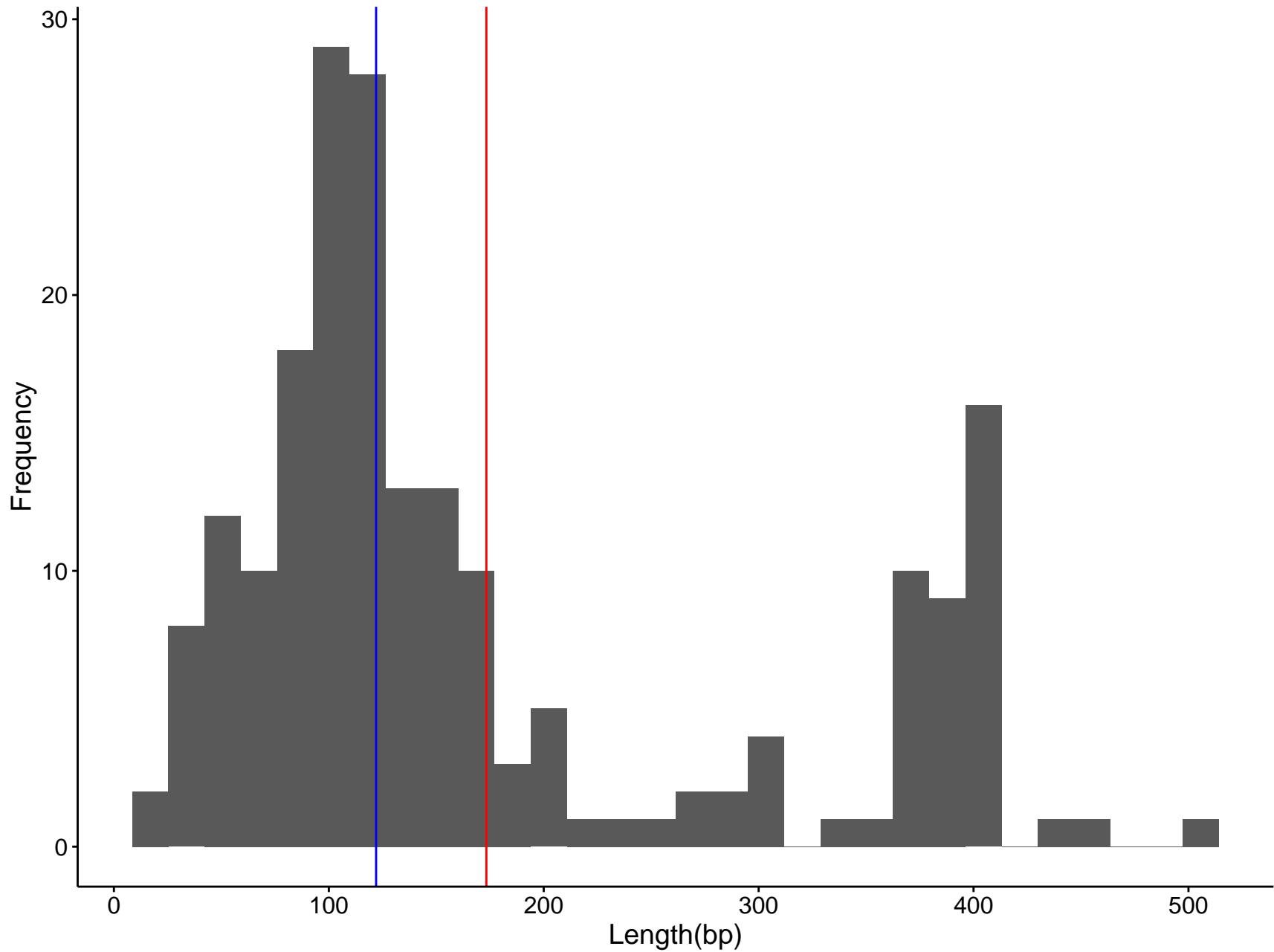
Cluster1846



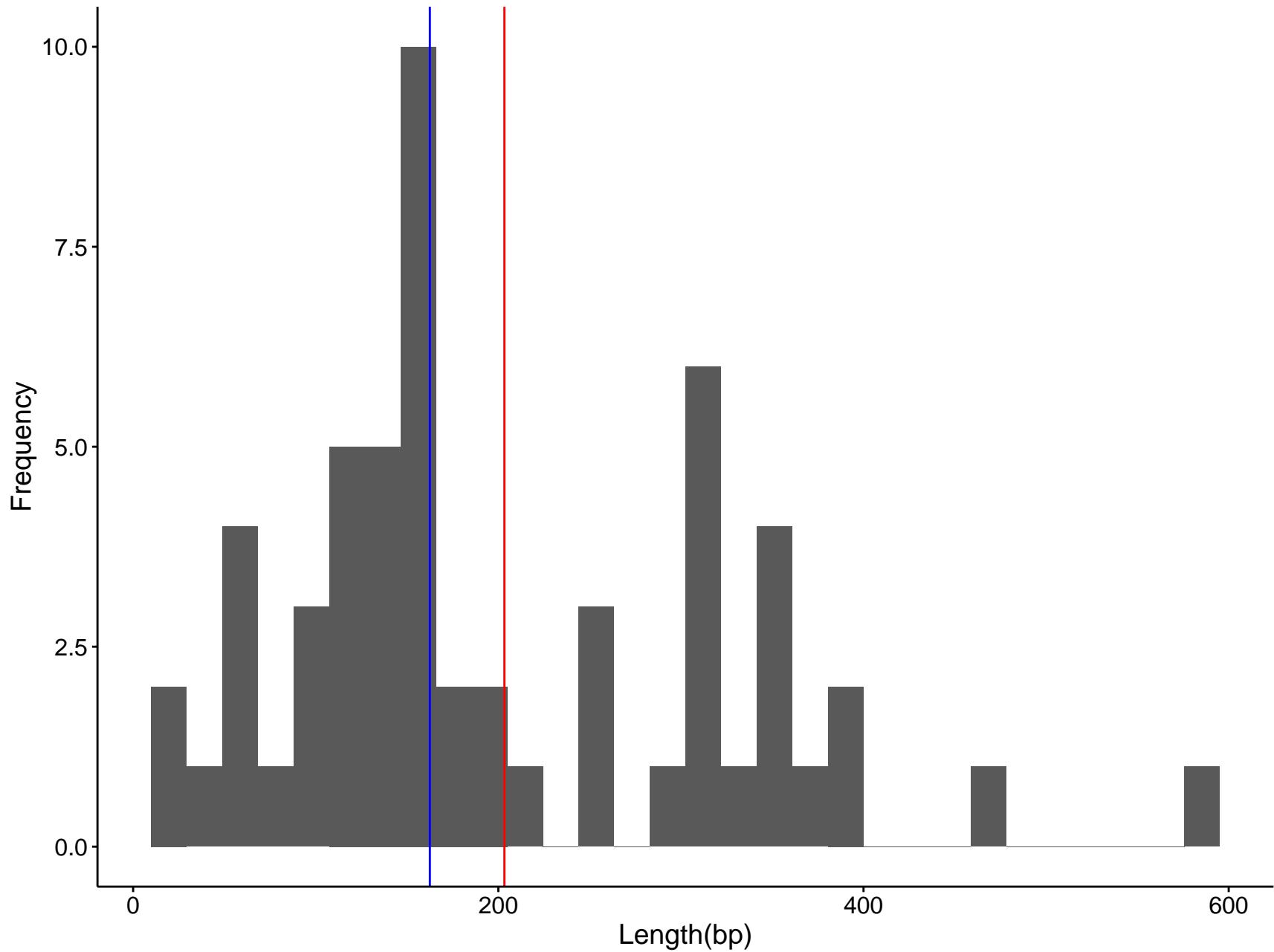
Cluster1847



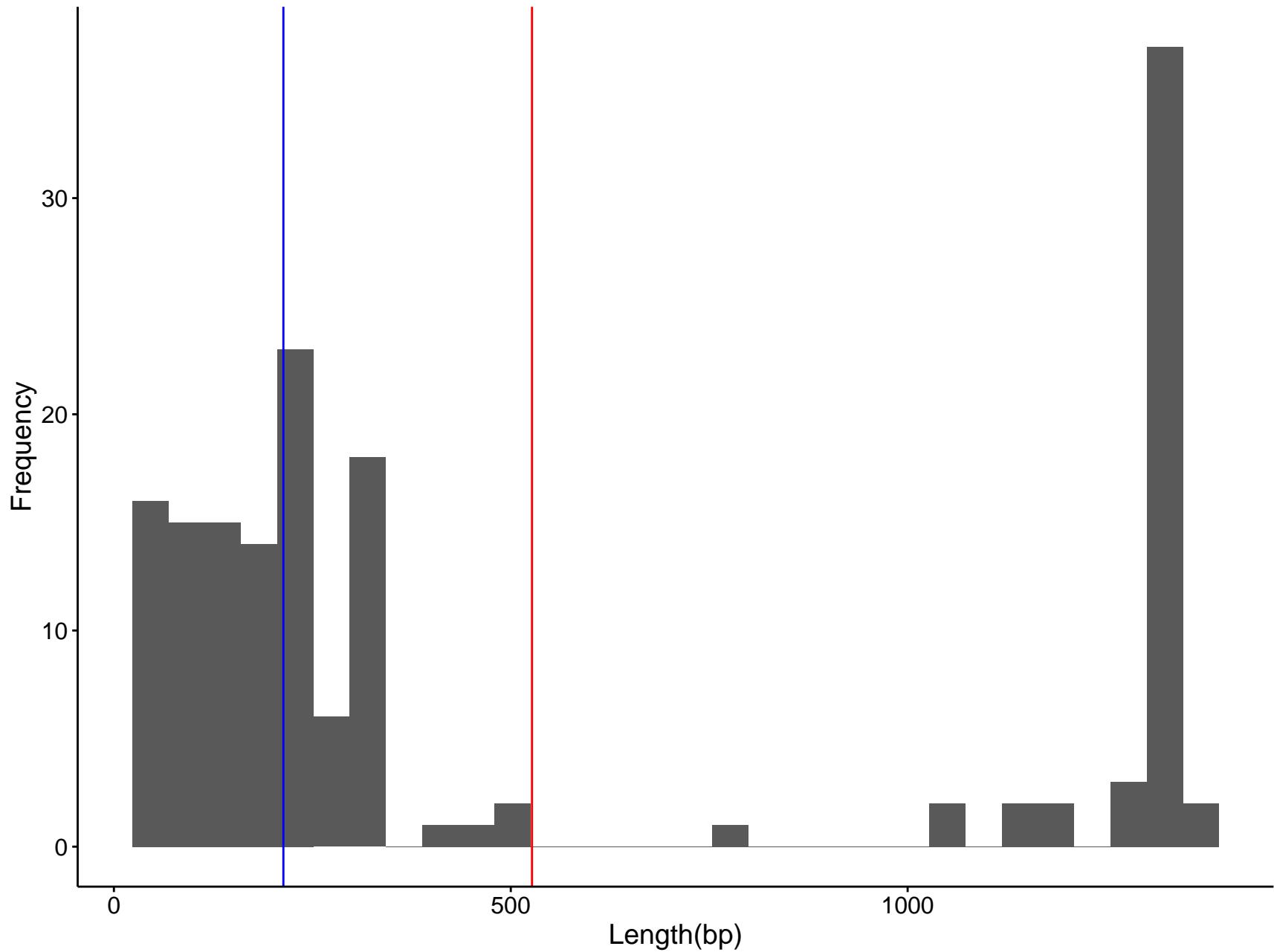
Cluster1848



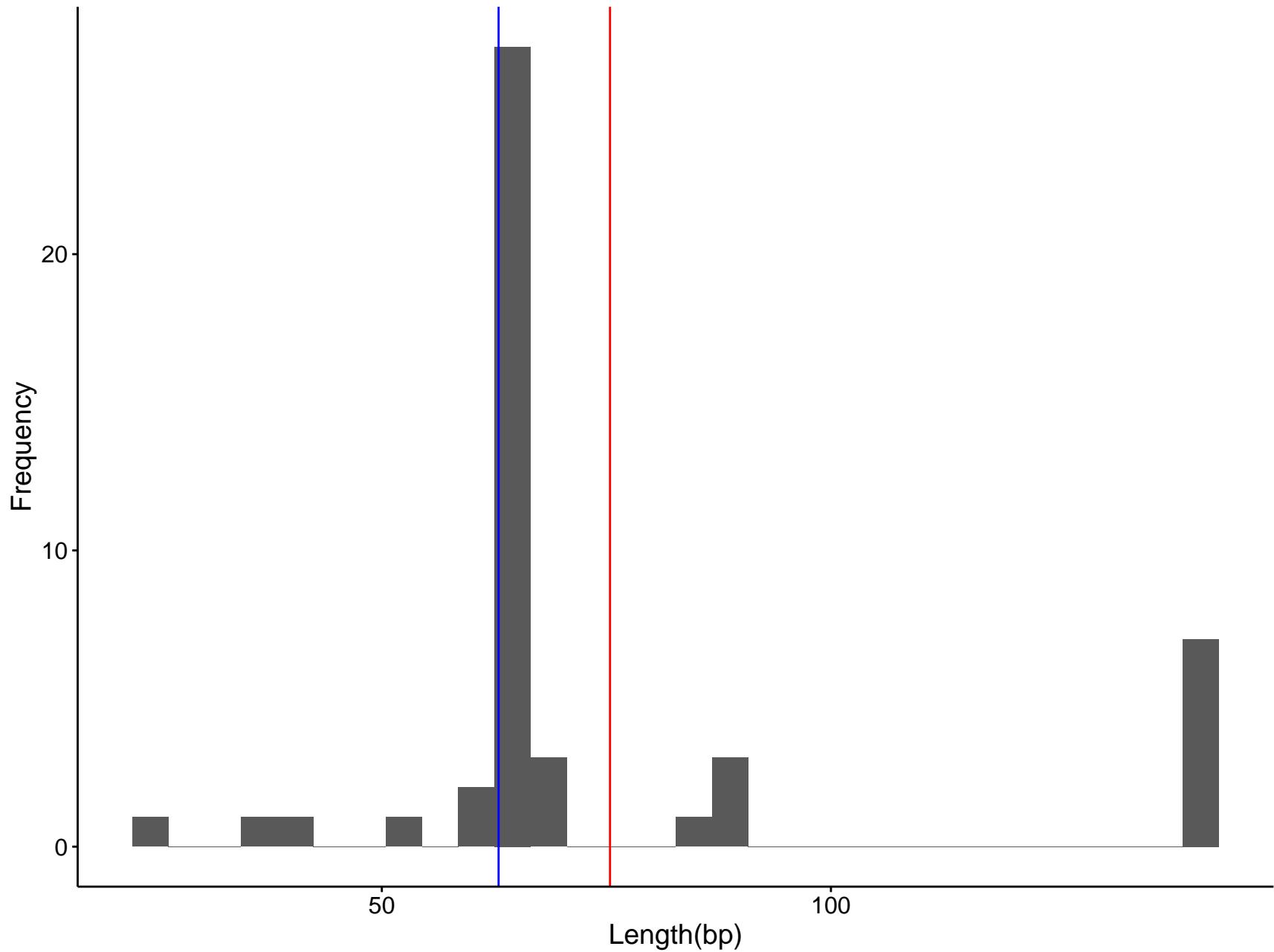
Cluster1849



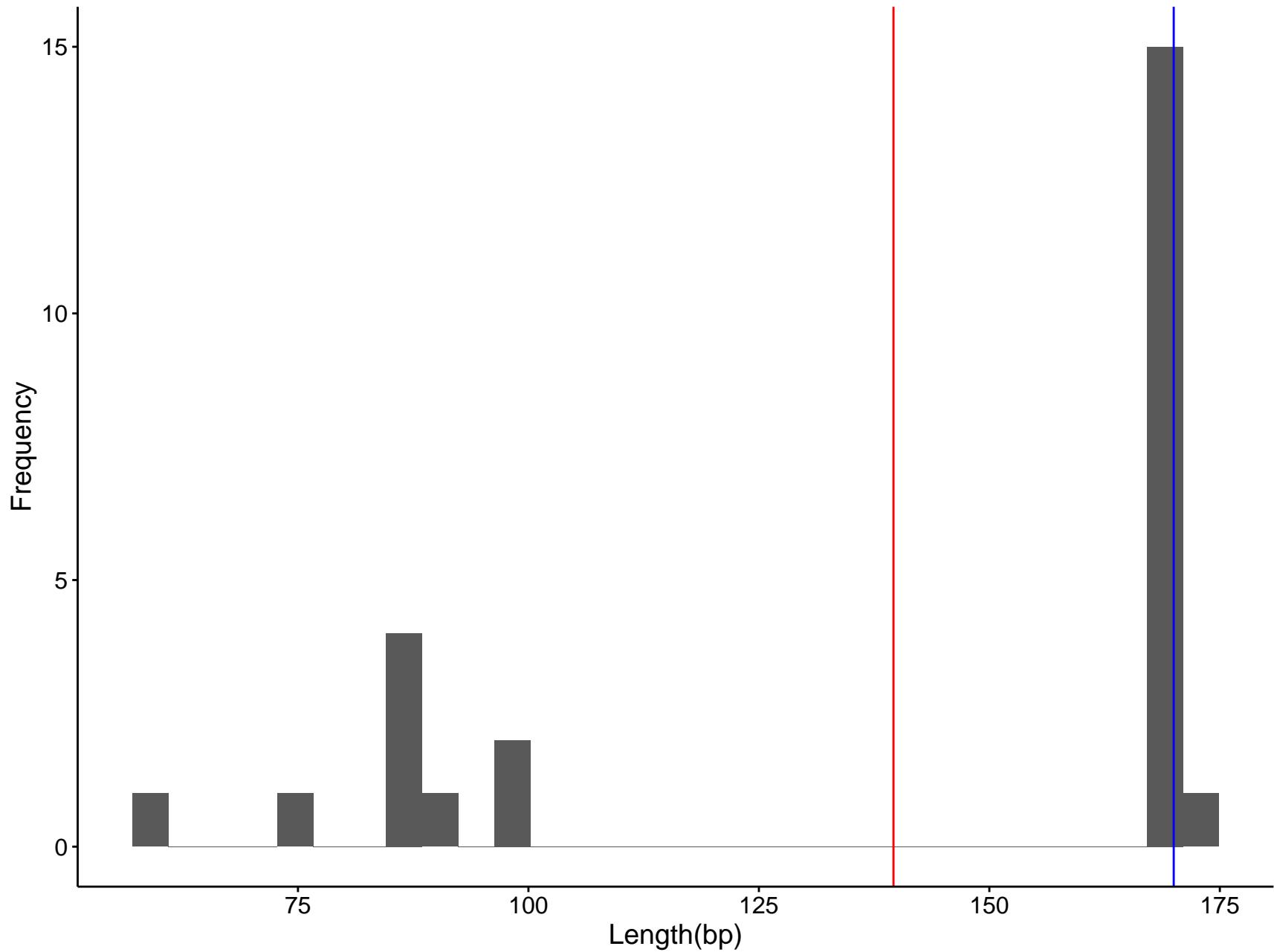
Cluster1850



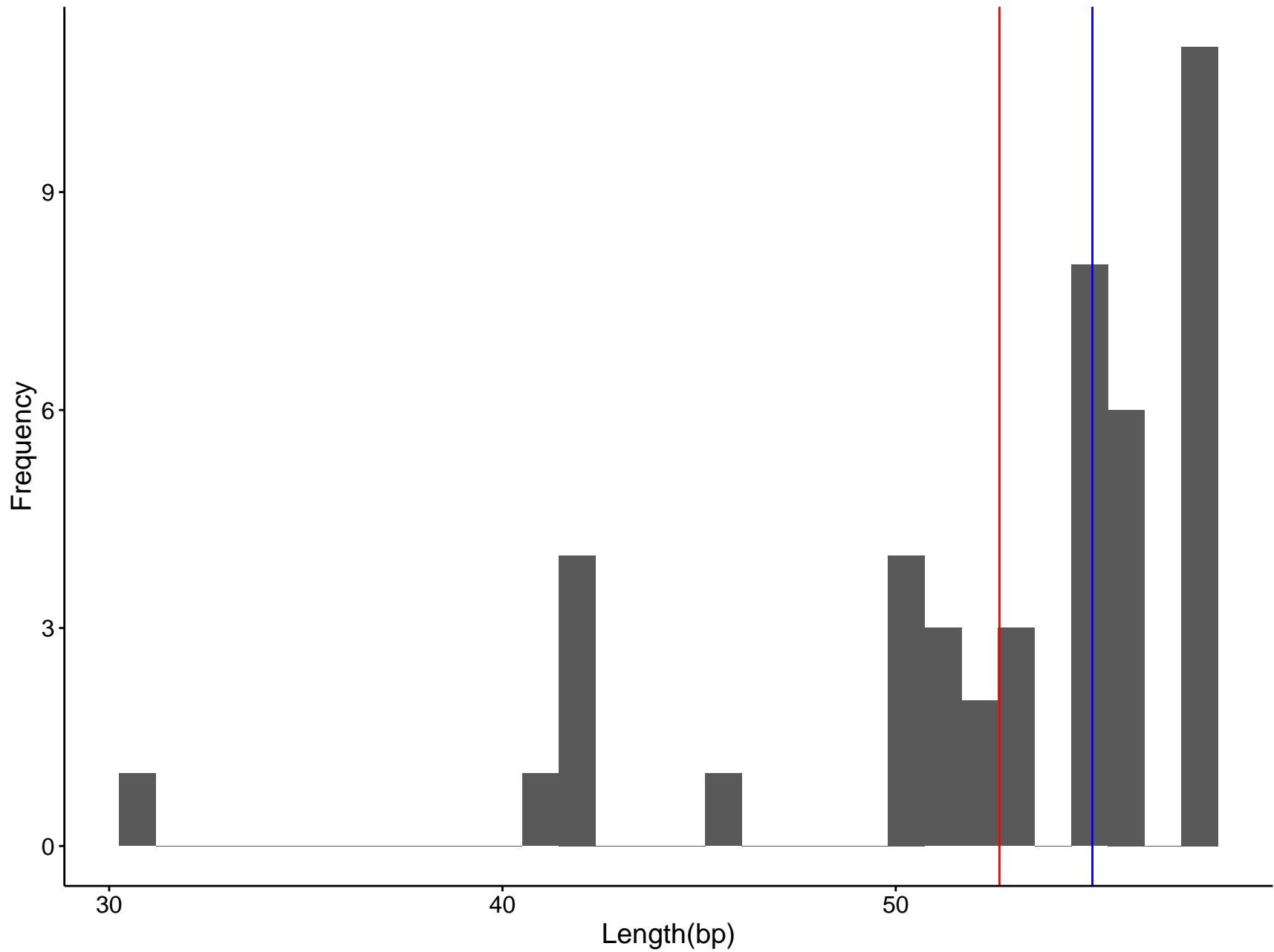
Cluster1851



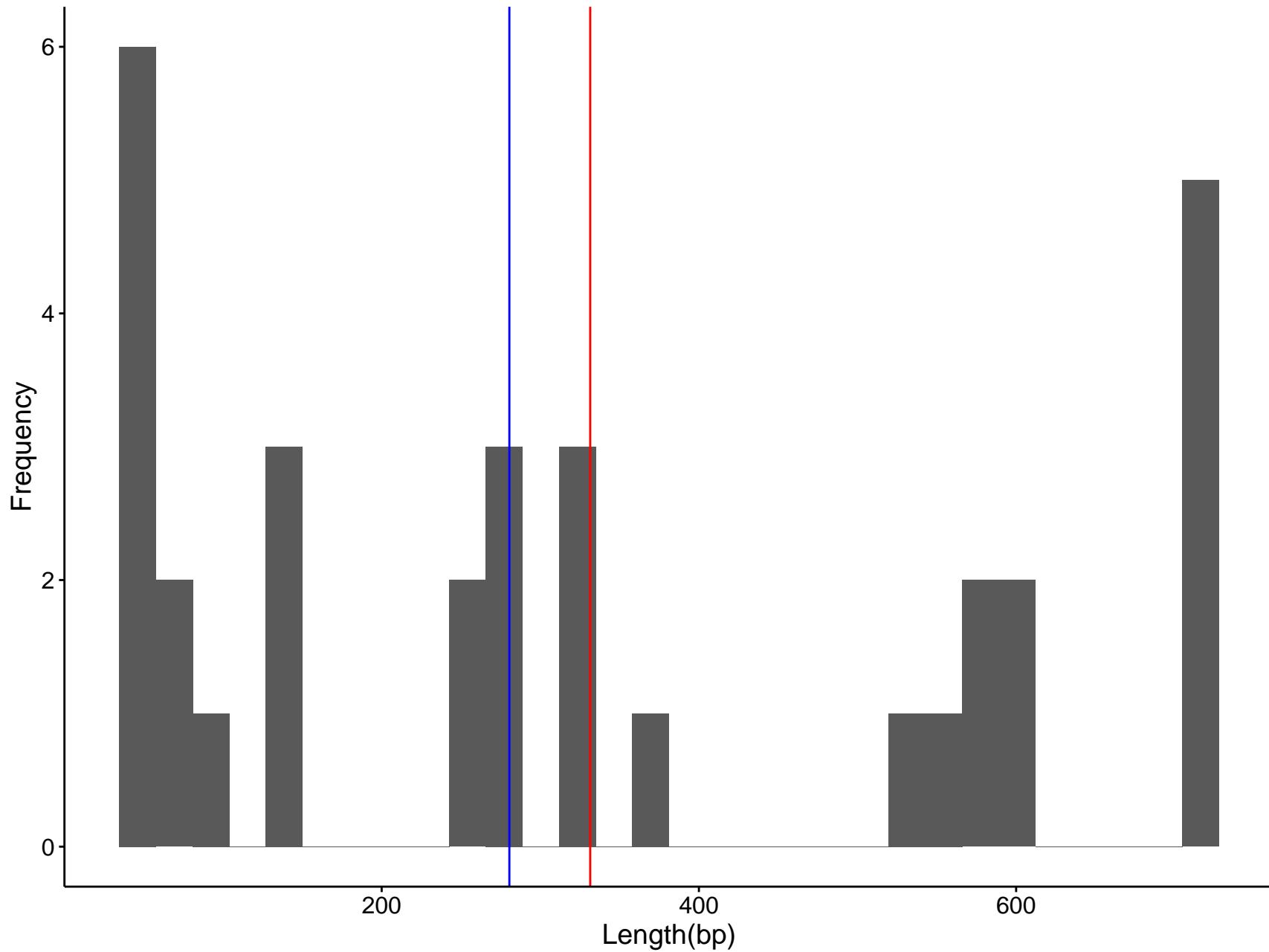
Cluster1854



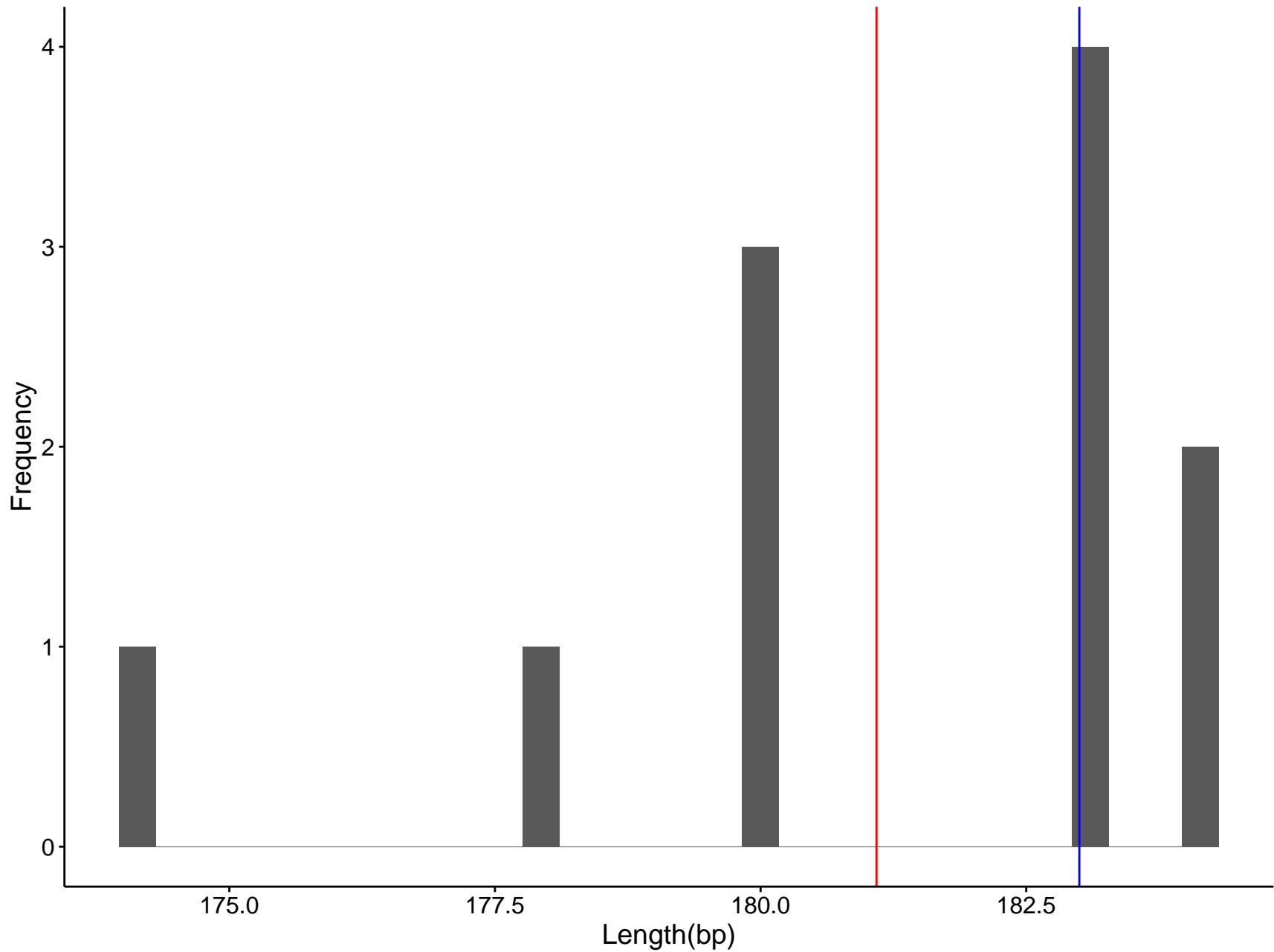
Cluster1855



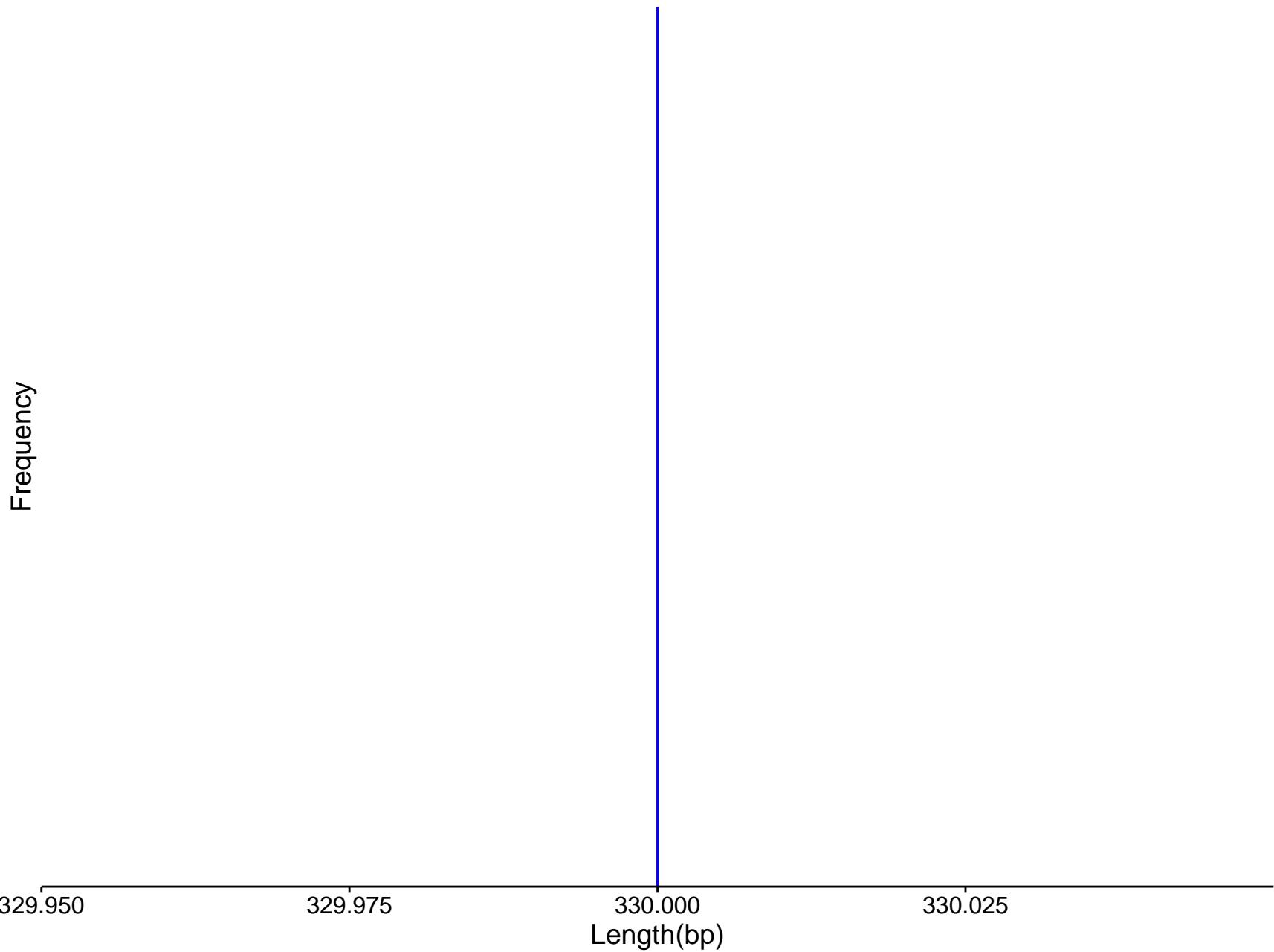
Cluster1856



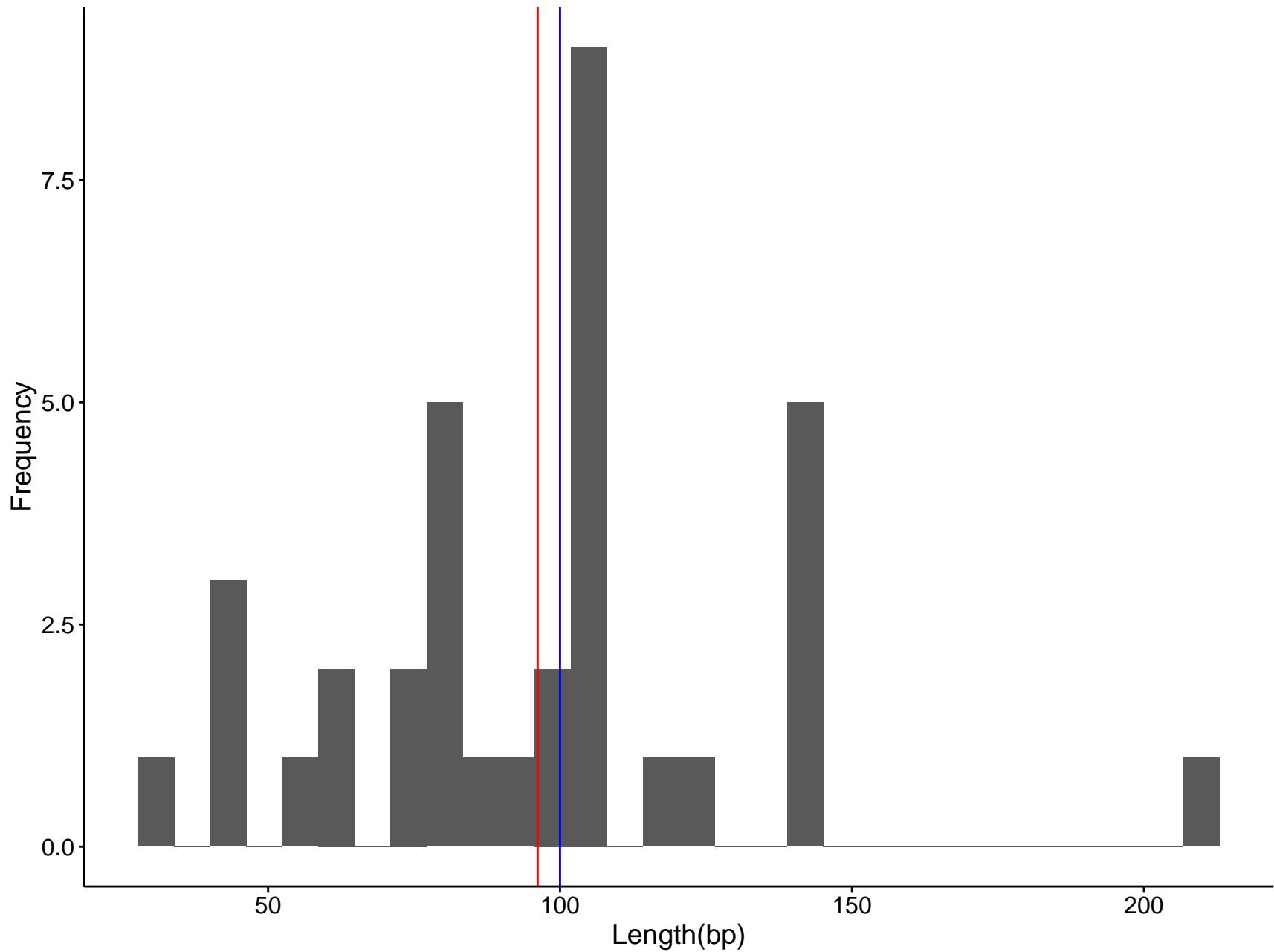
Cluster1858



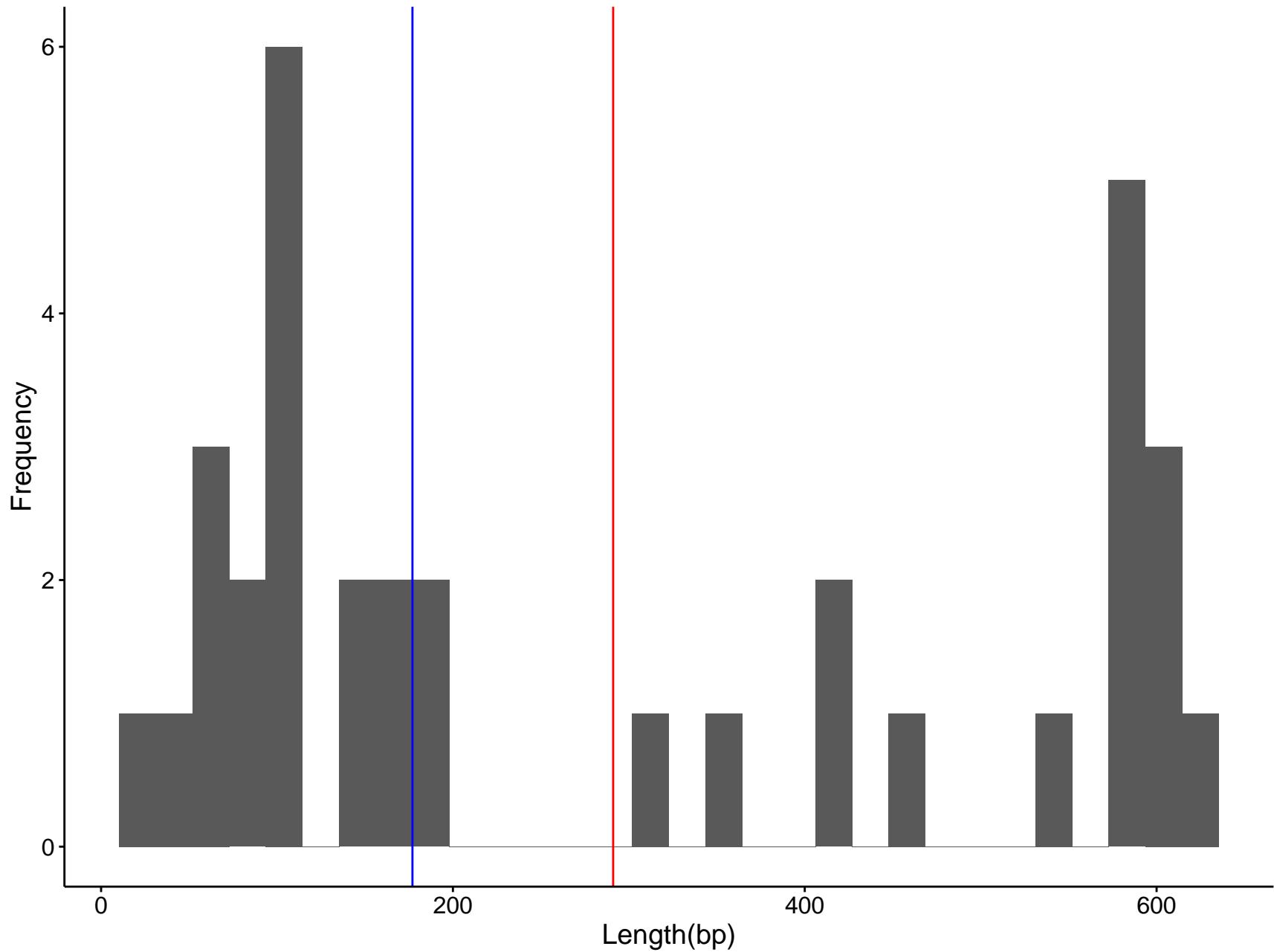
Cluster185



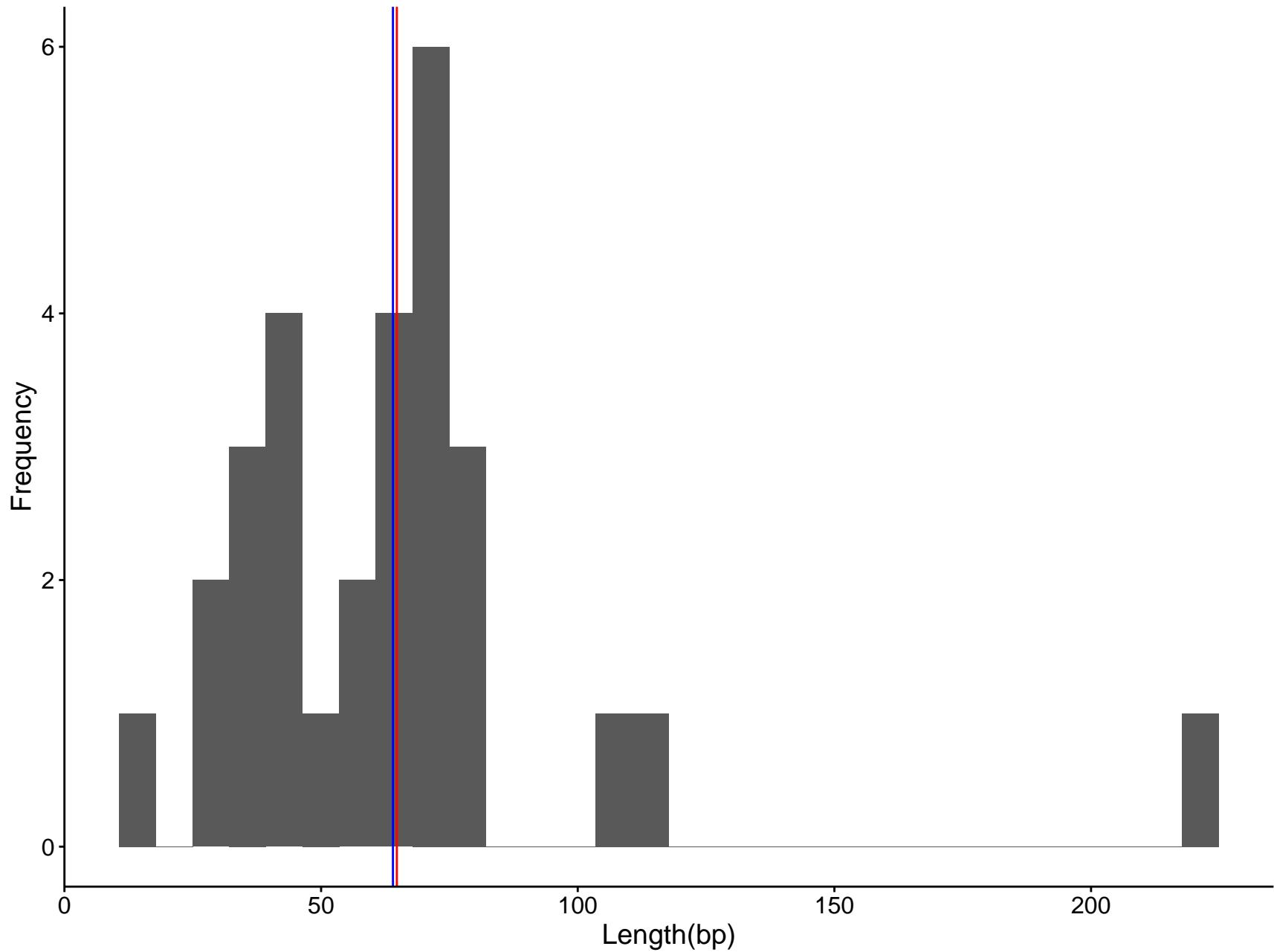
Cluster1860



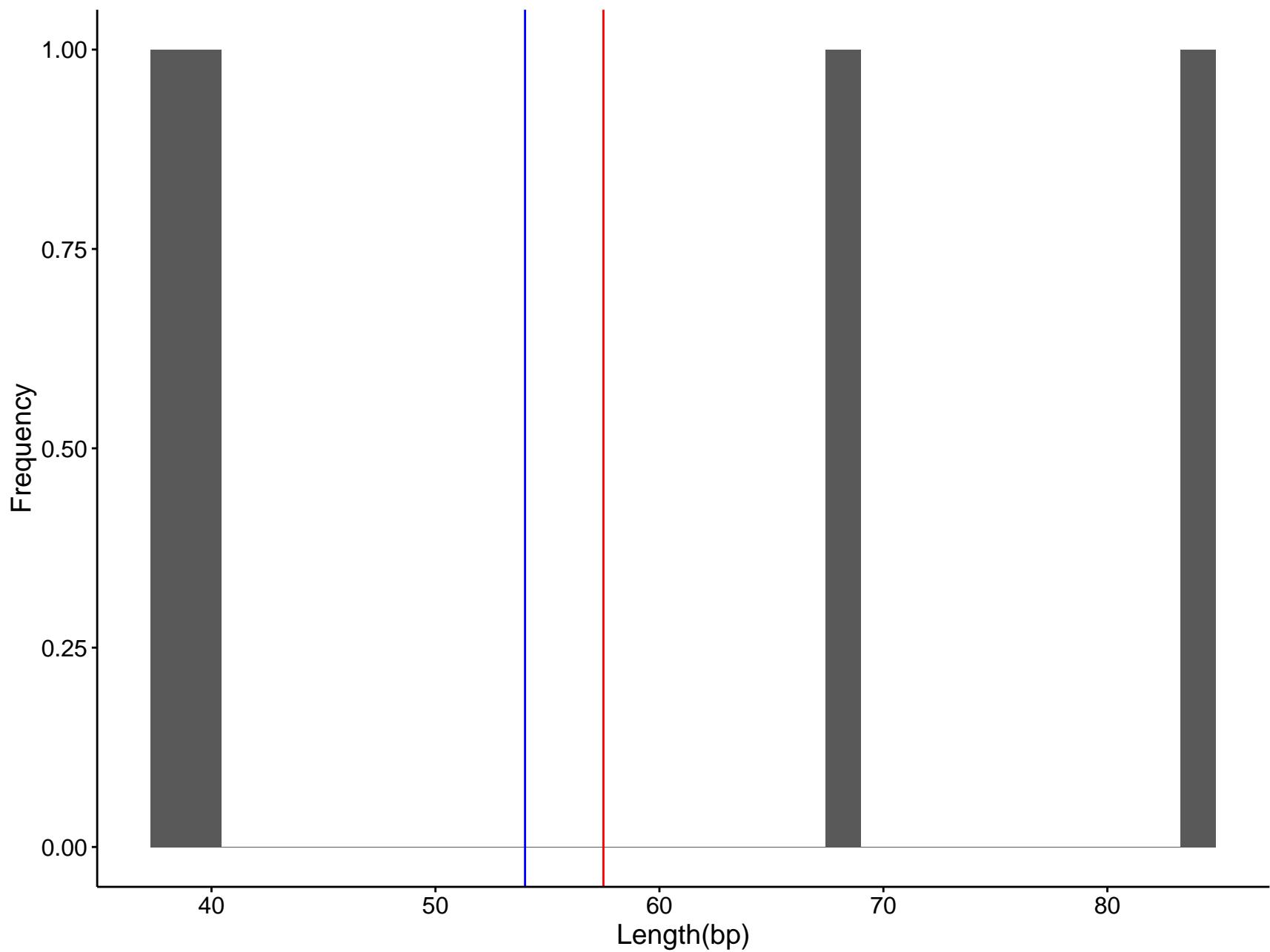
Cluster1862



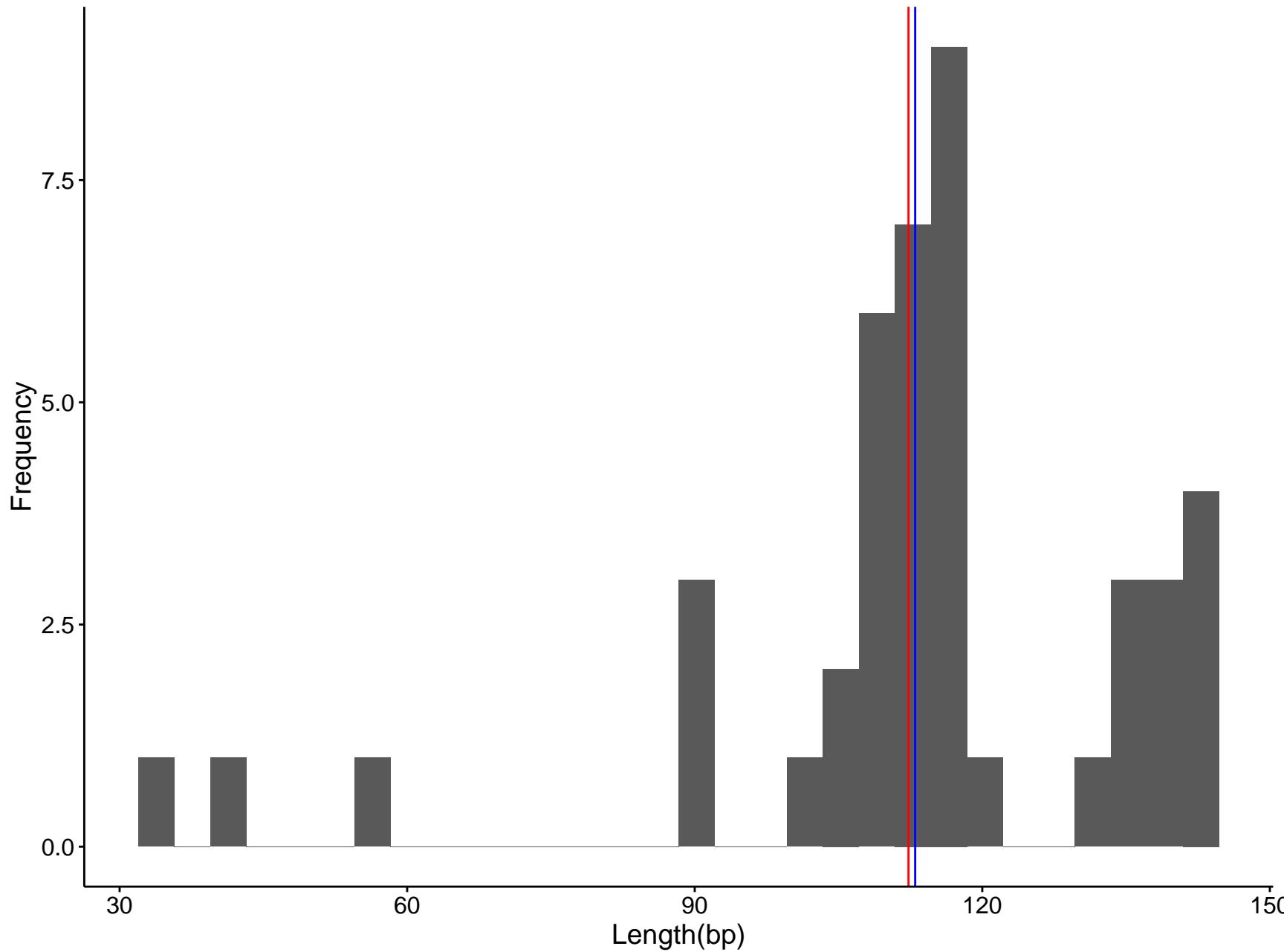
Cluster1863



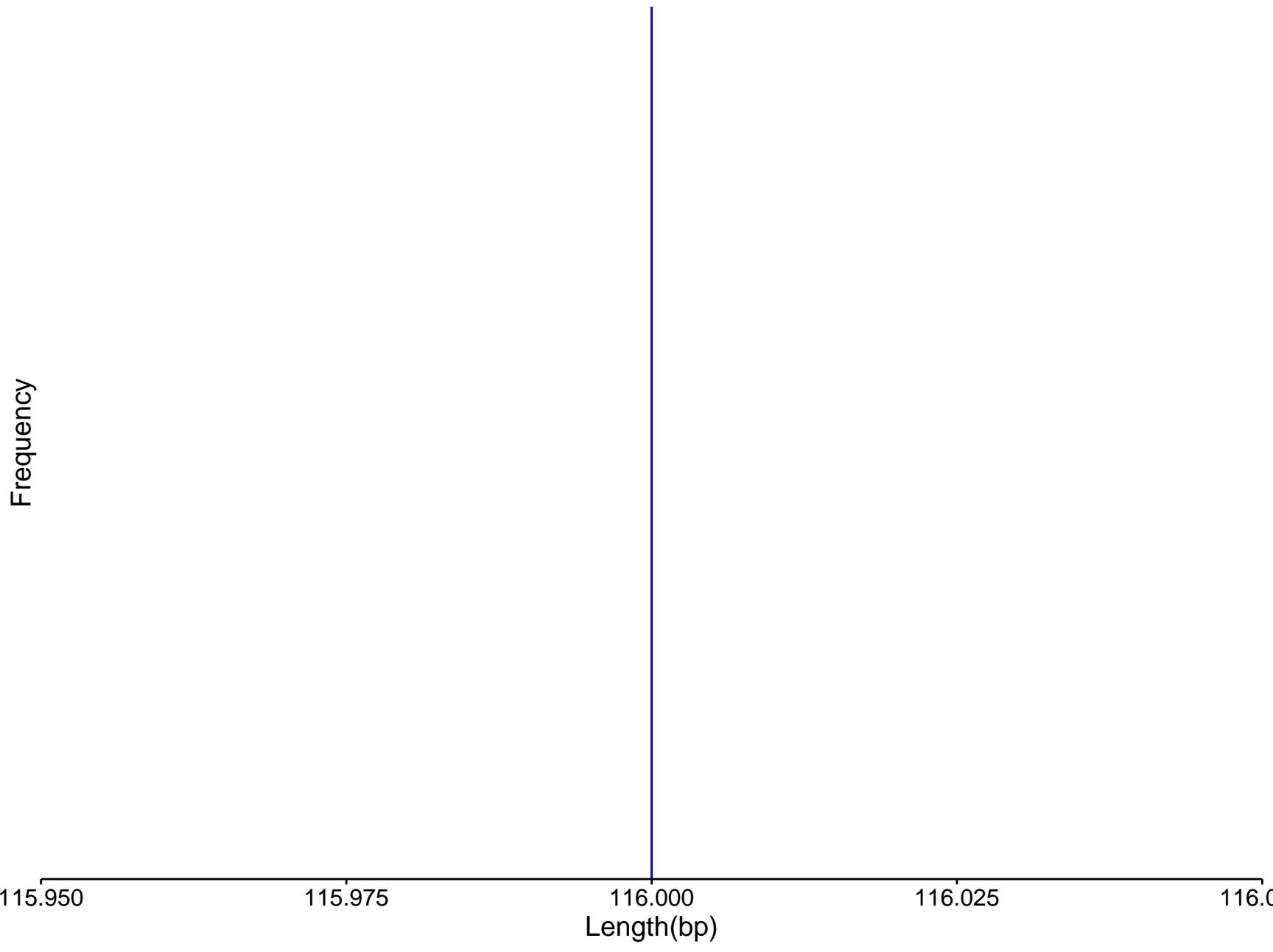
Cluster1864



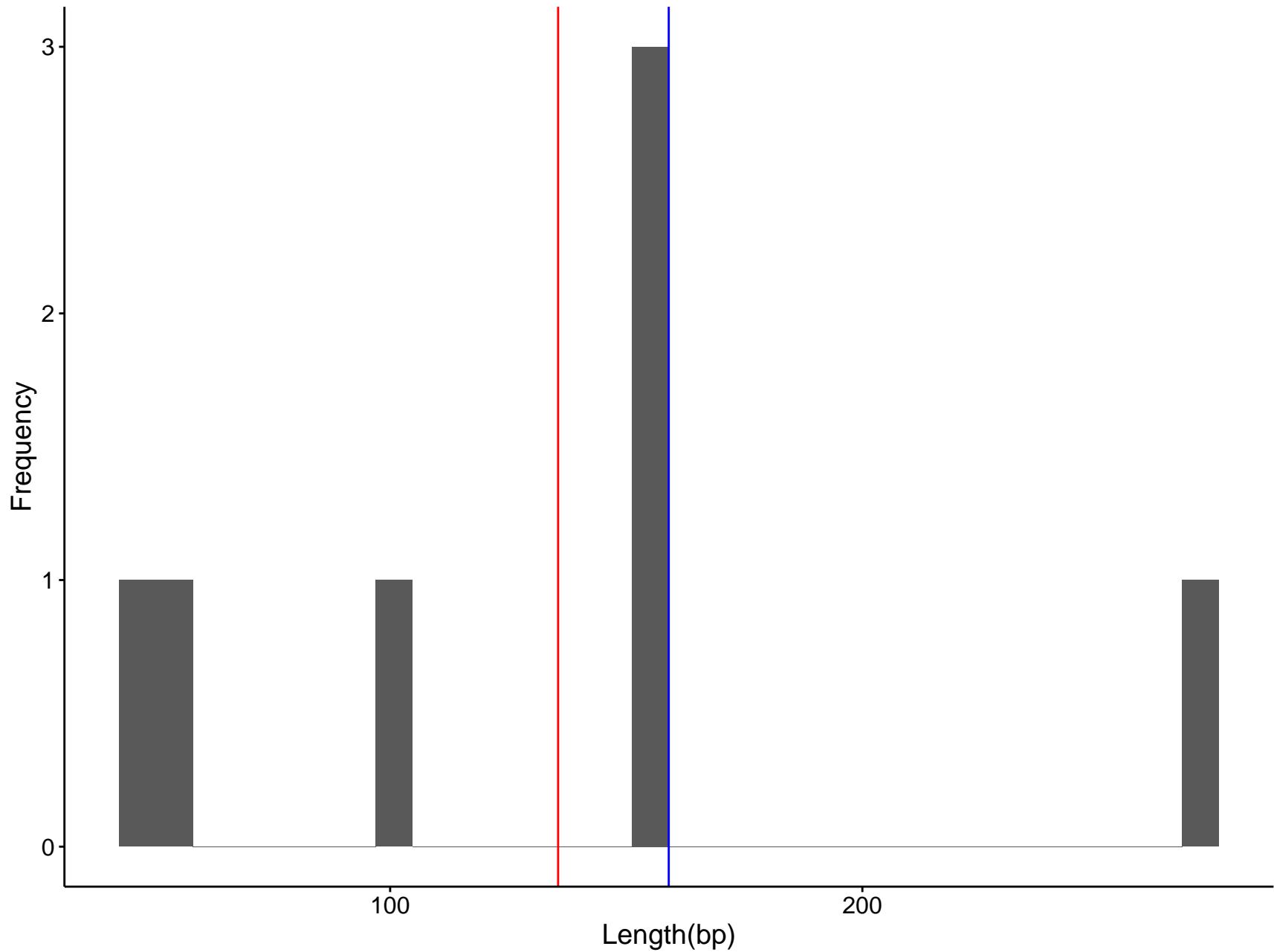
Cluster1865



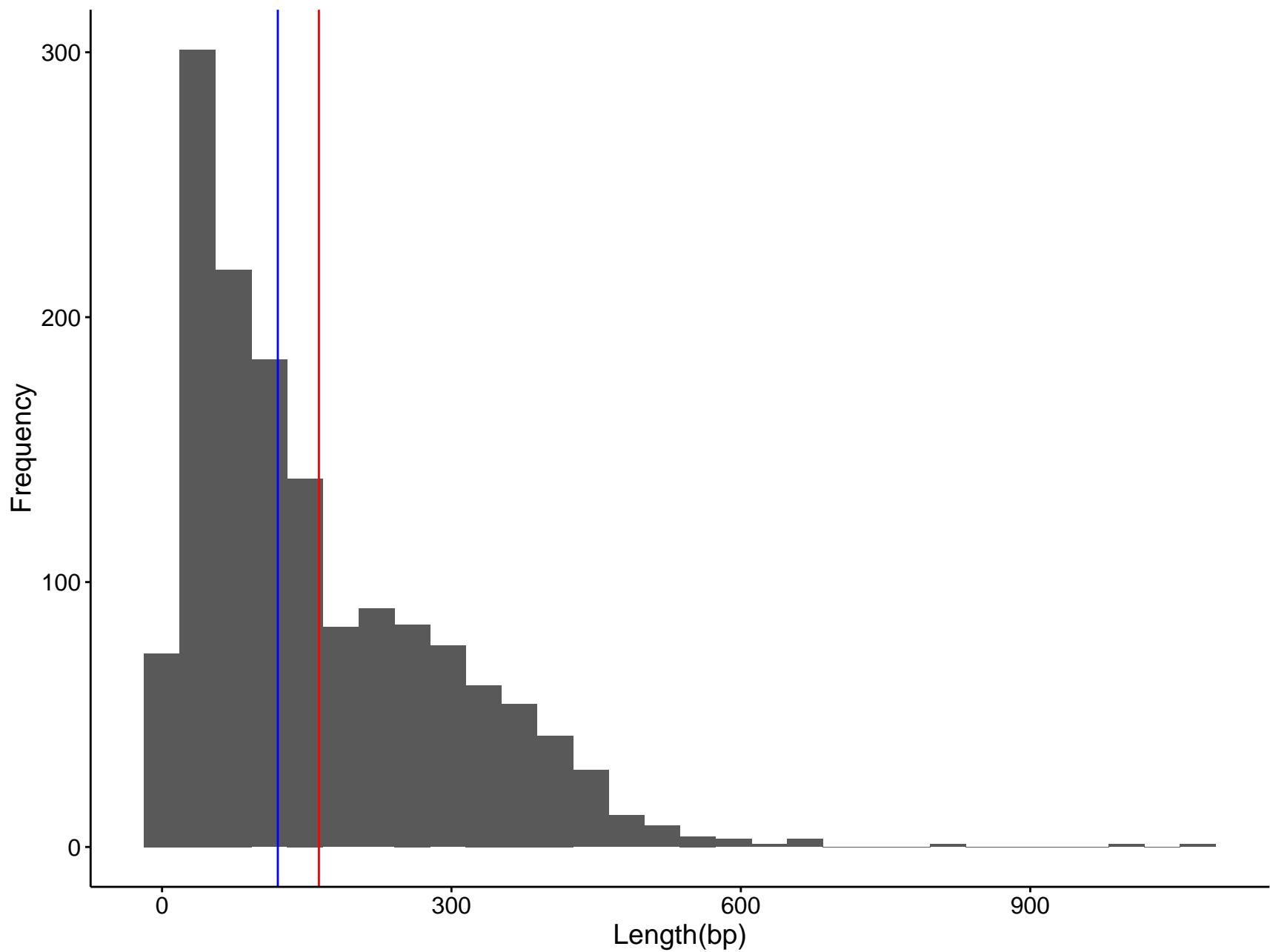
Cluster1866



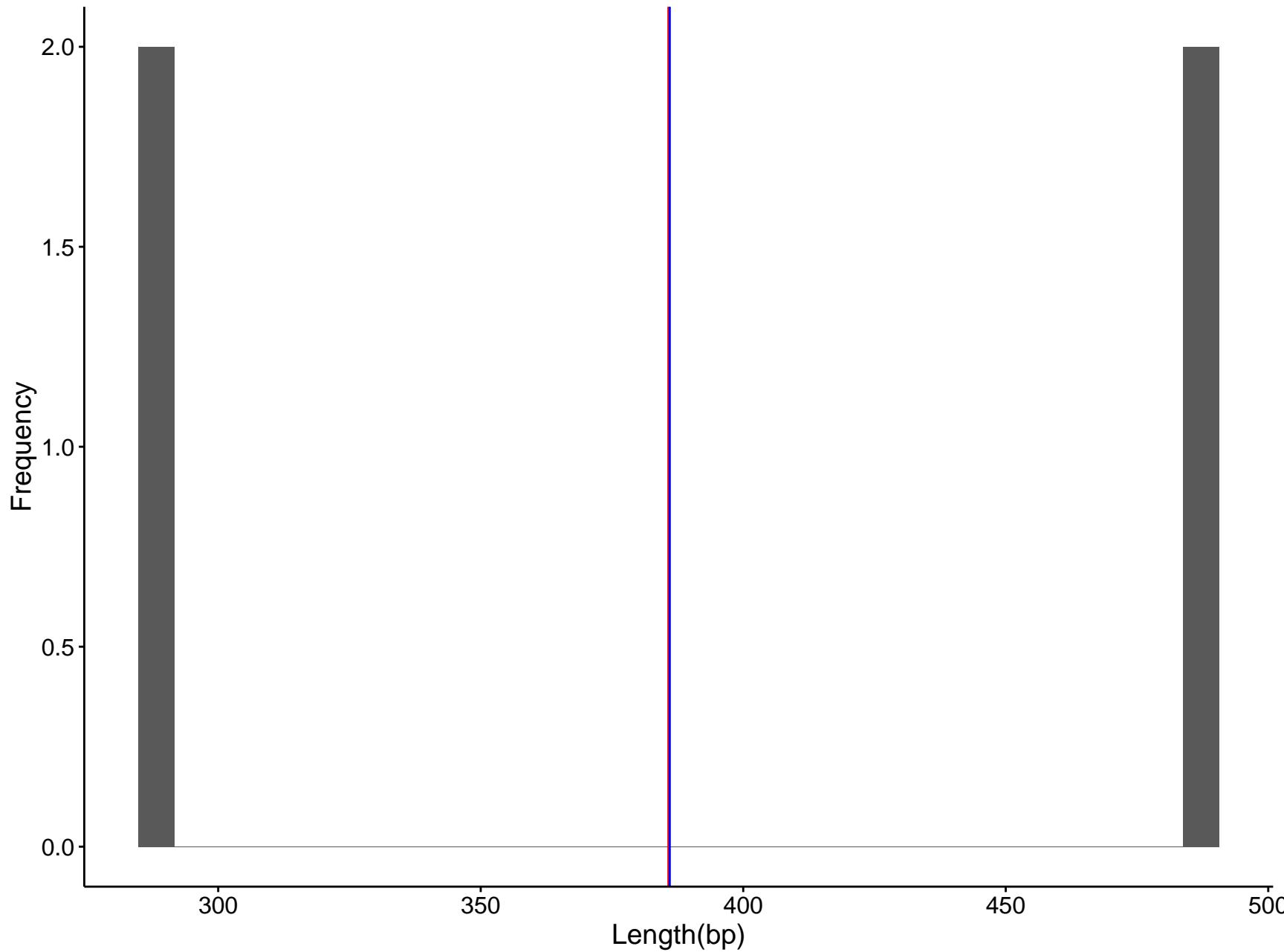
Cluster1868



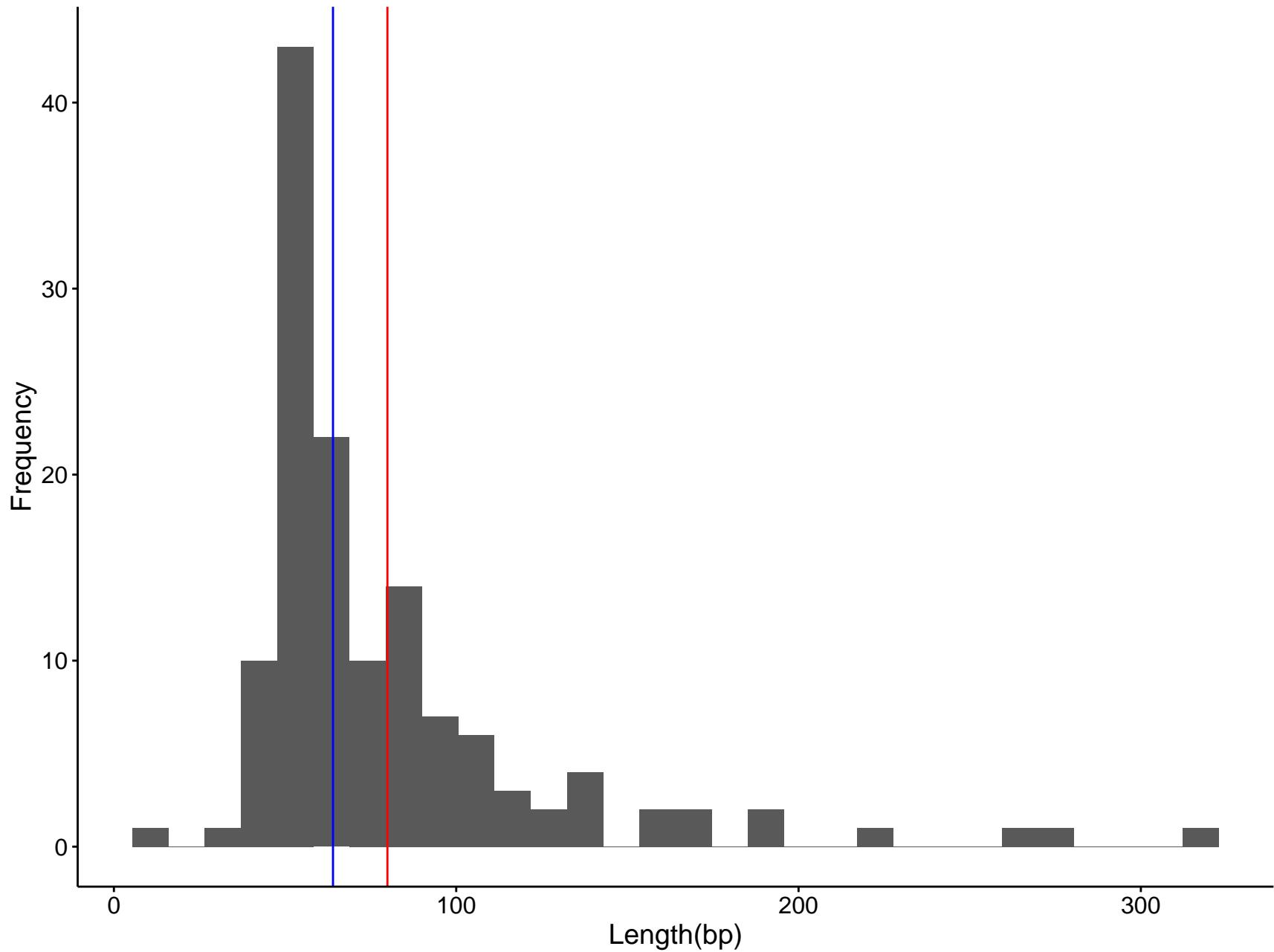
Cluster1869



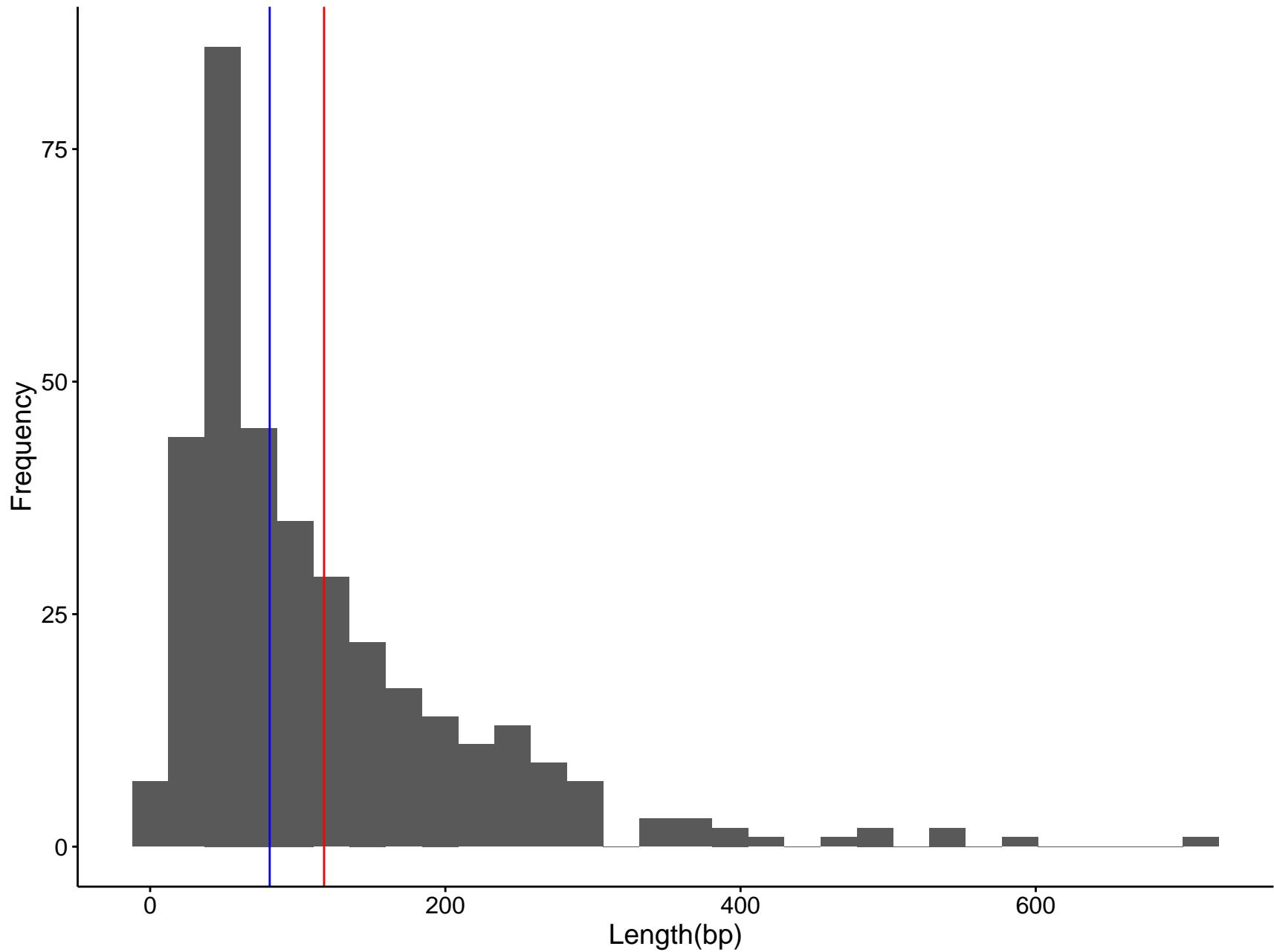
Cluster186



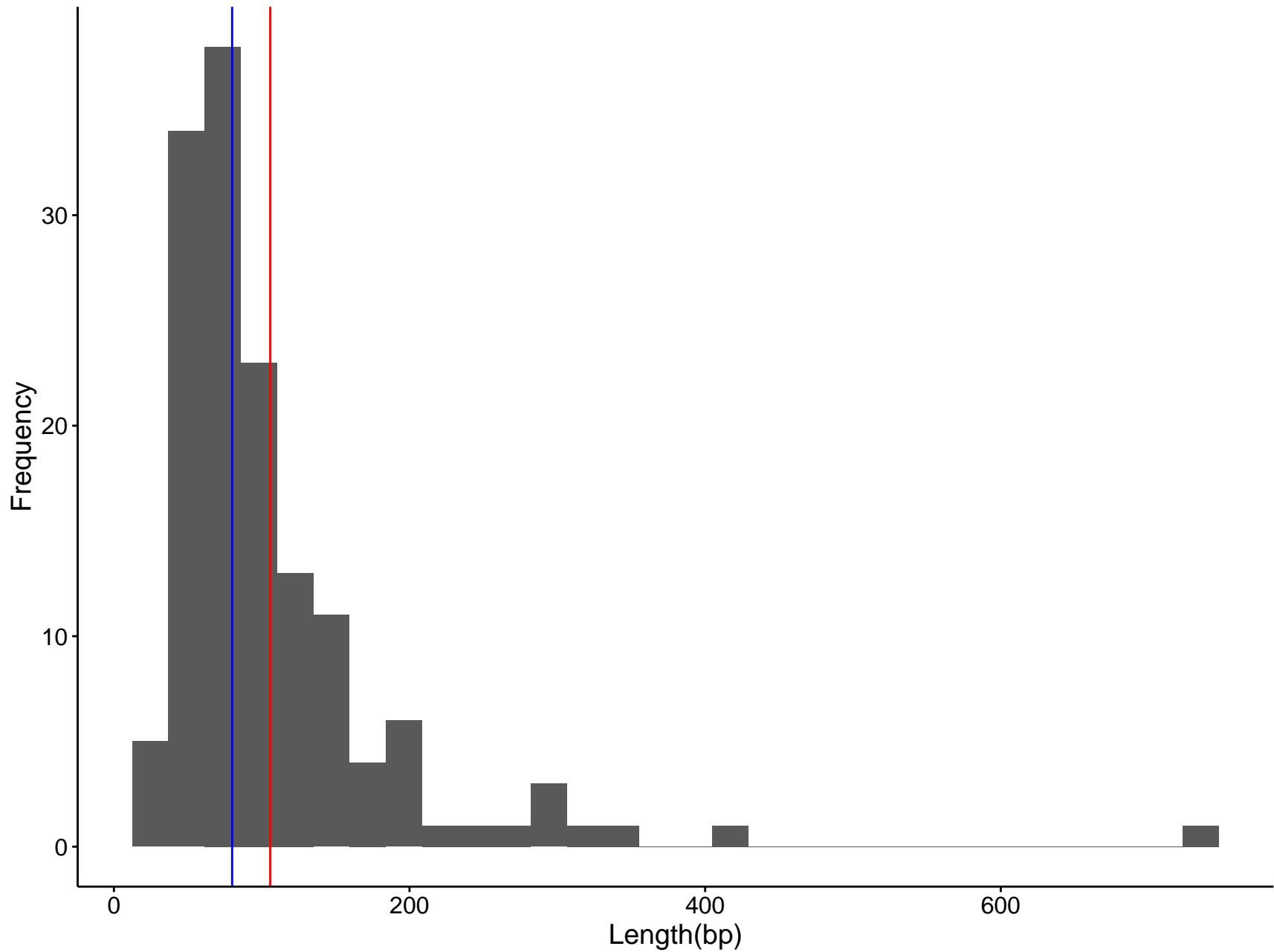
Cluster1870



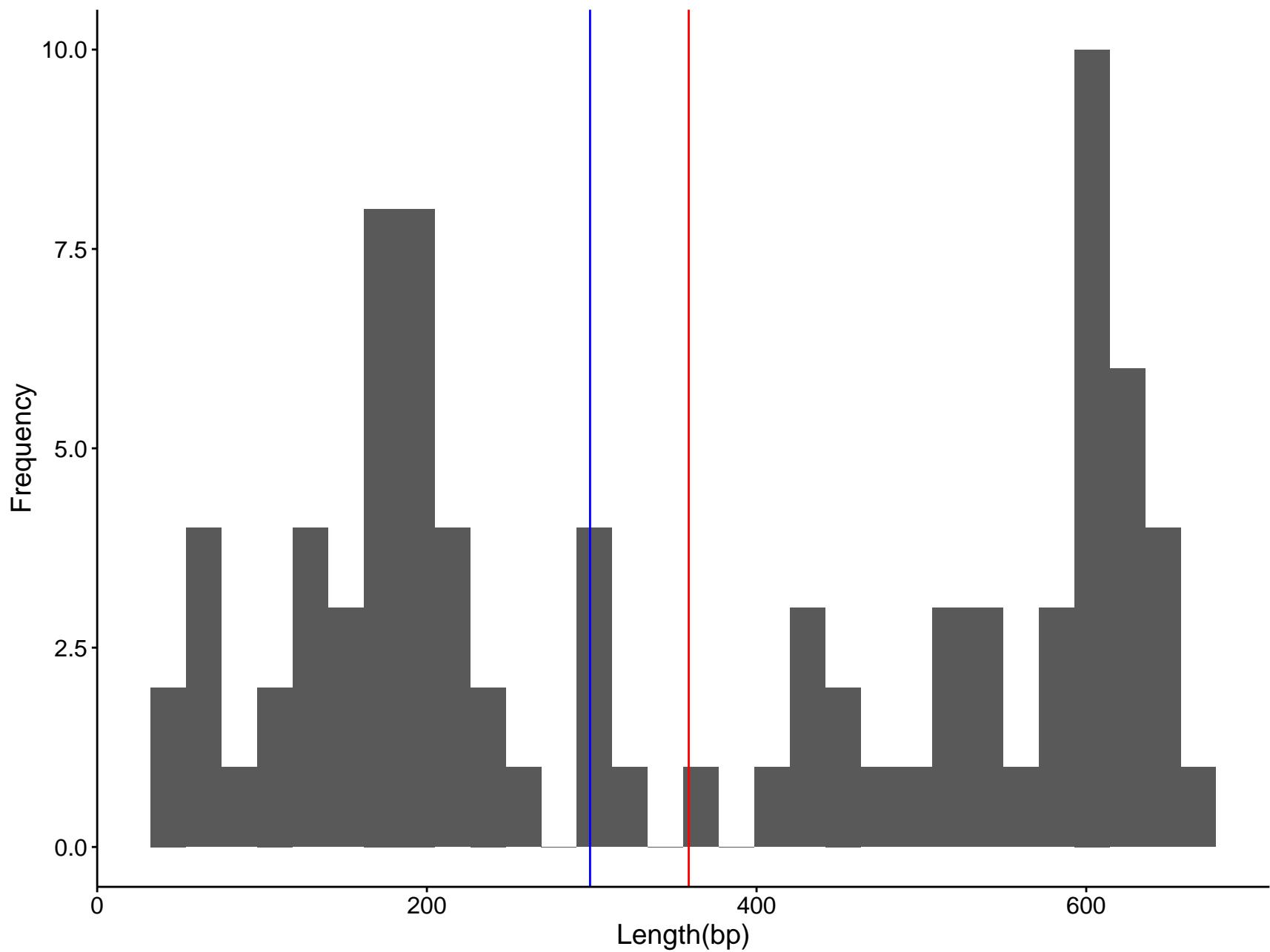
Cluster1871



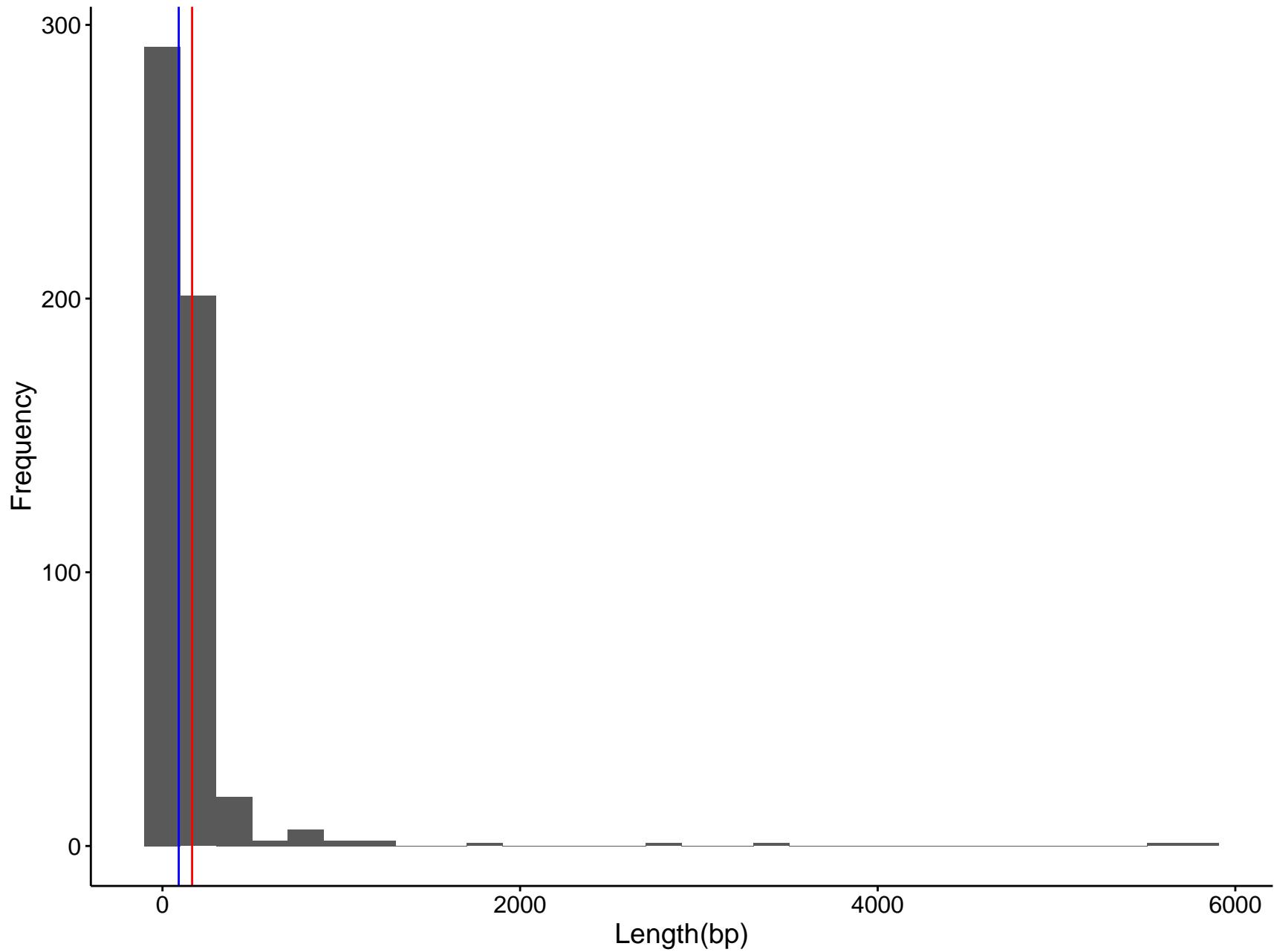
Cluster1872



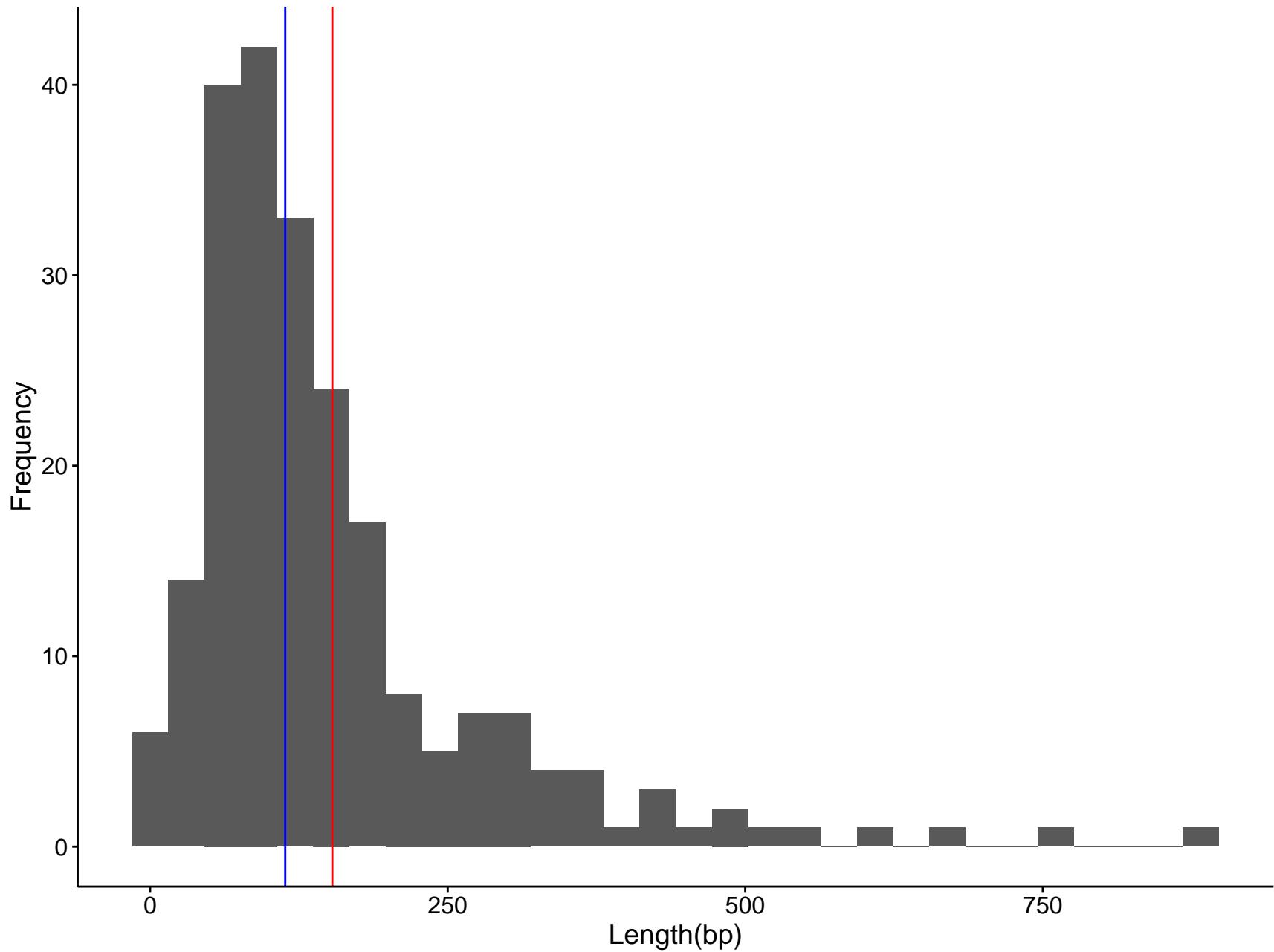
Cluster1873



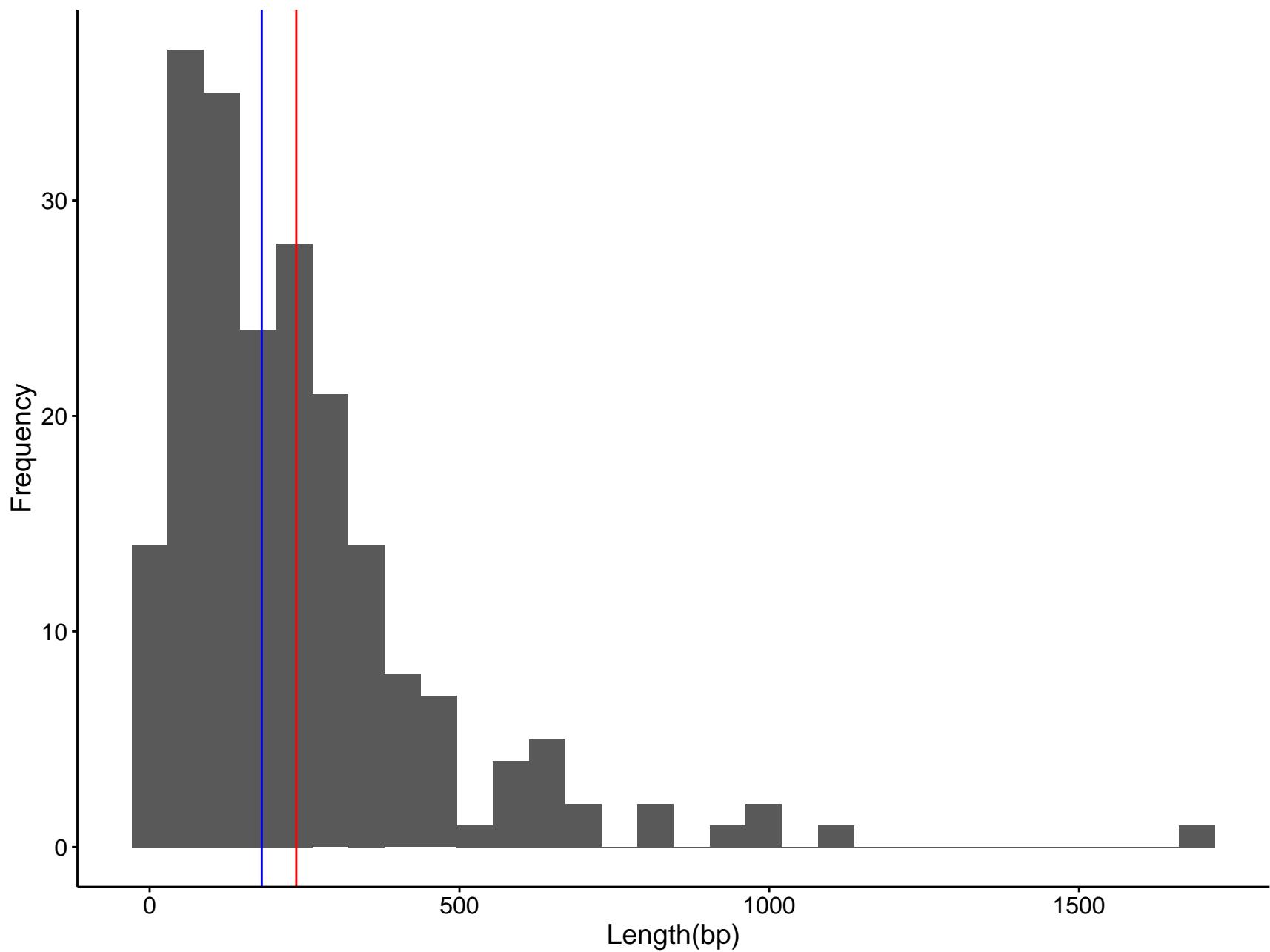
Cluster1876



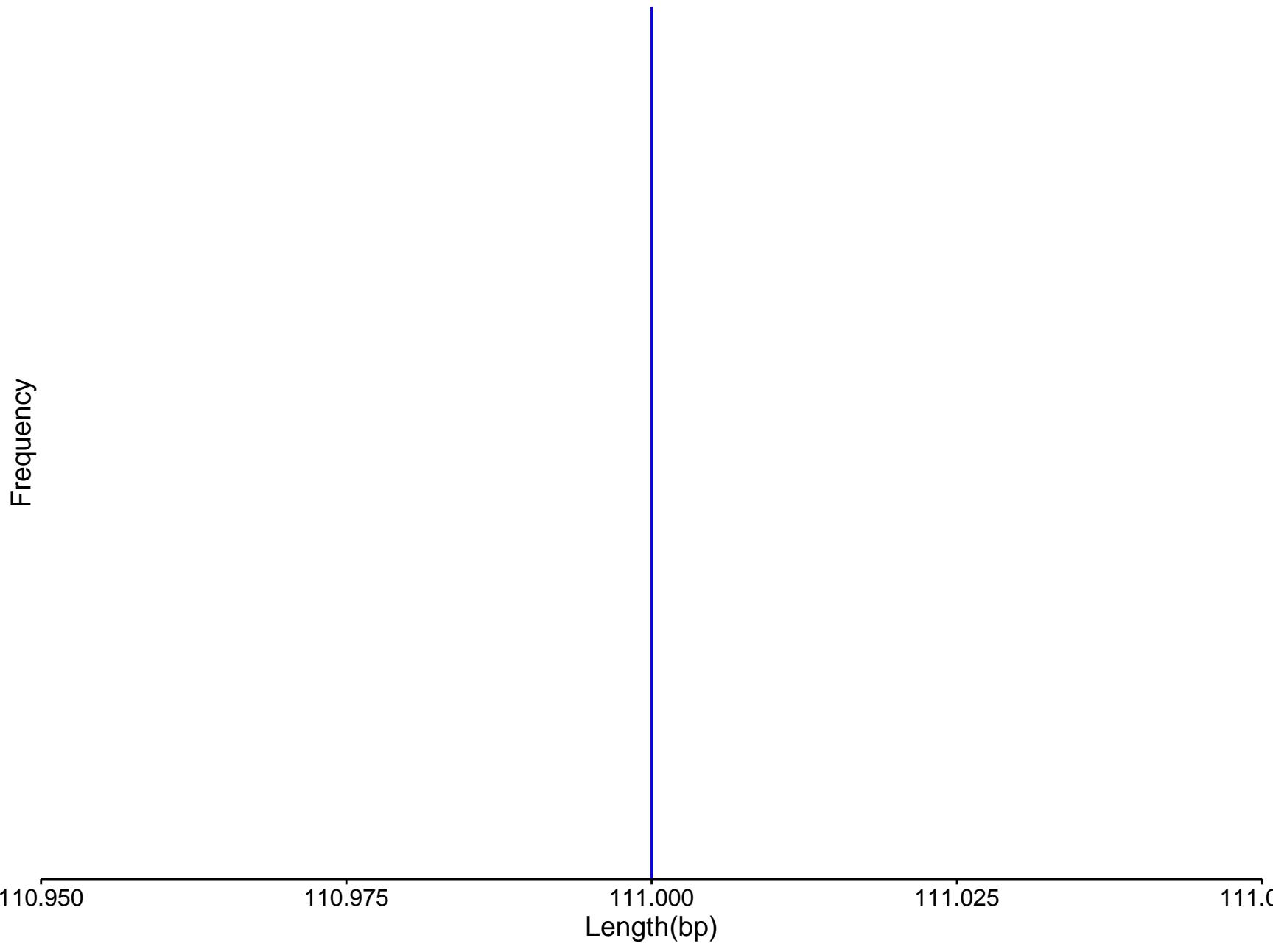
Cluster1877



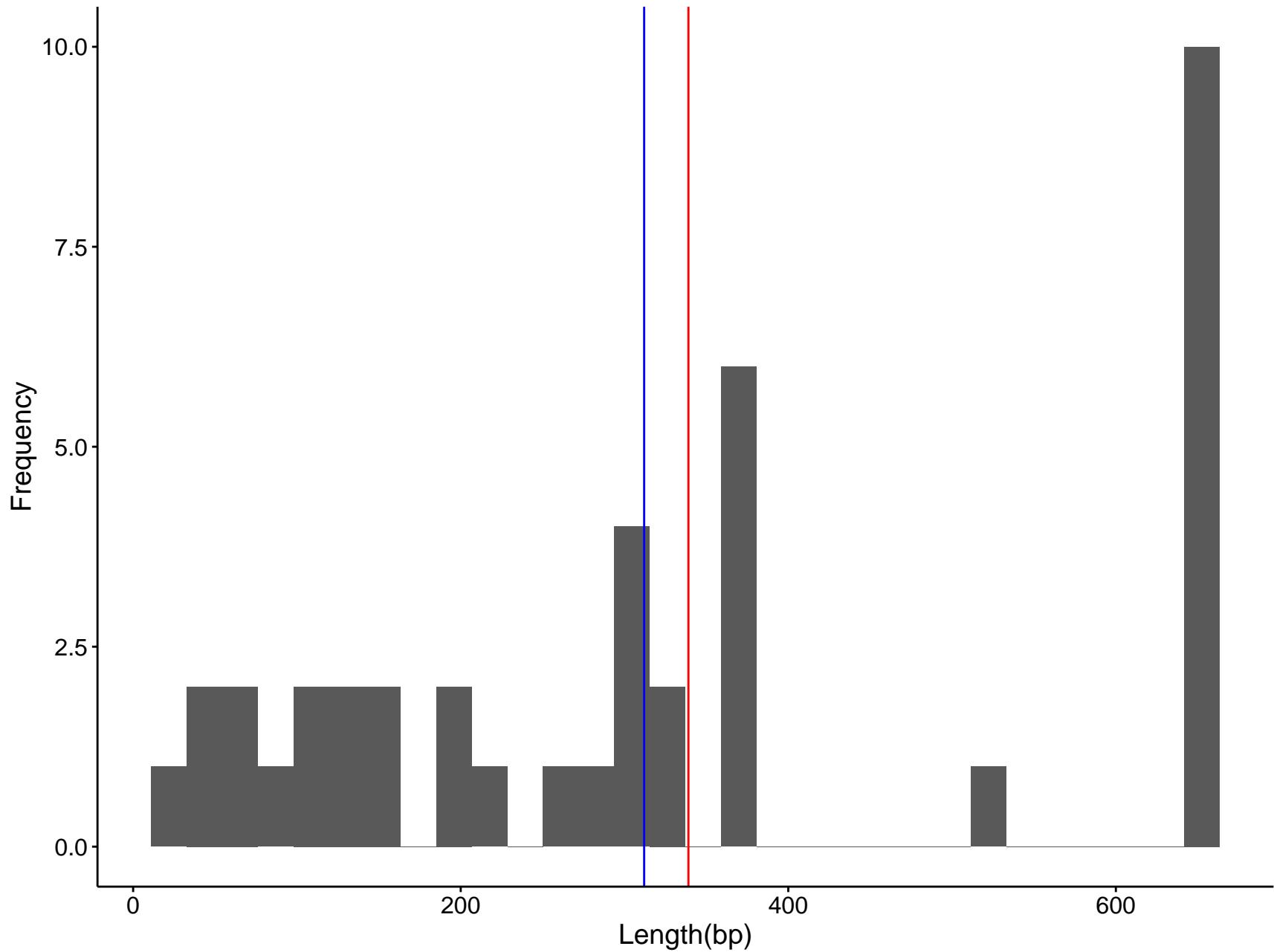
Cluster1879



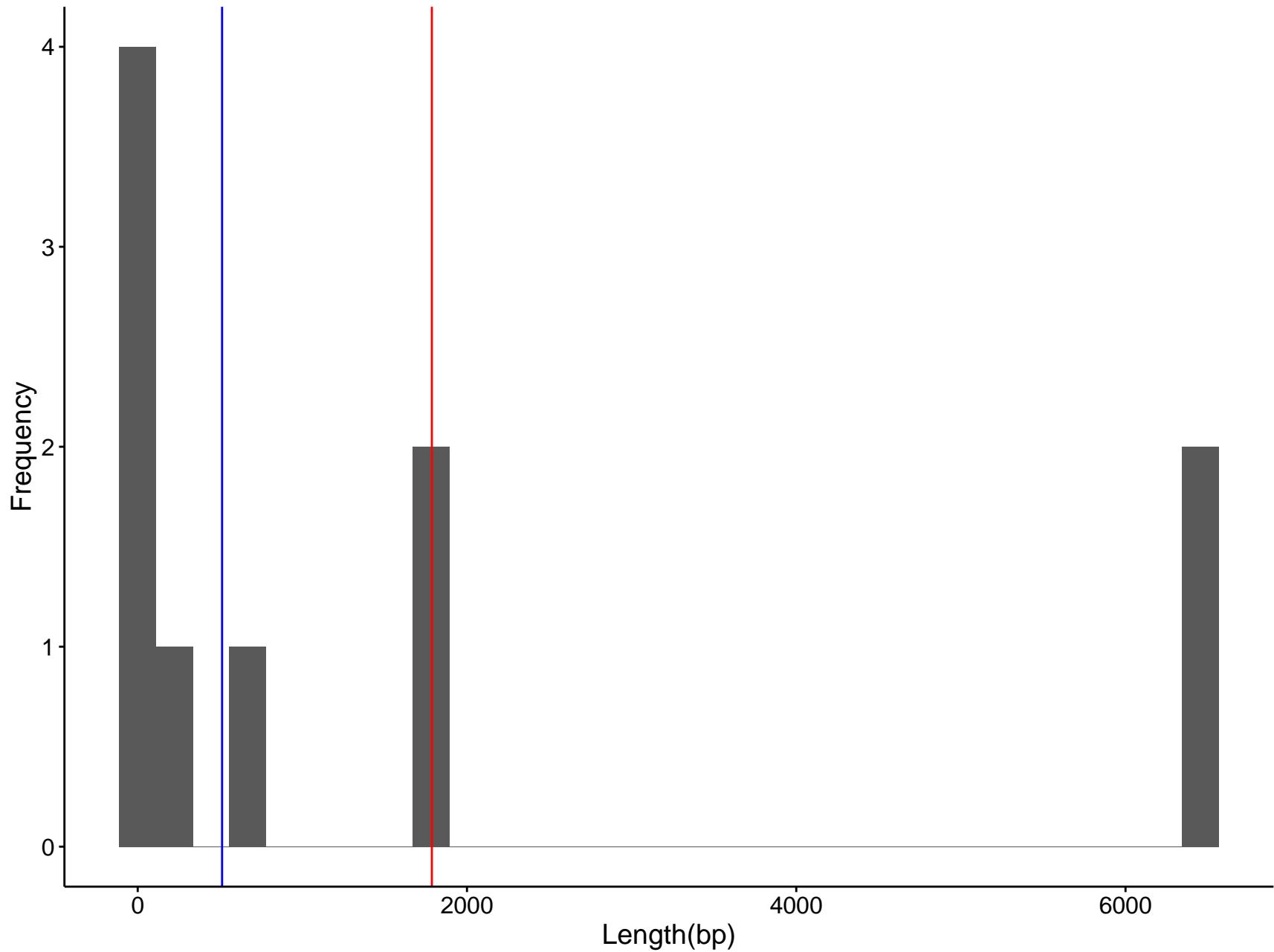
Cluster187



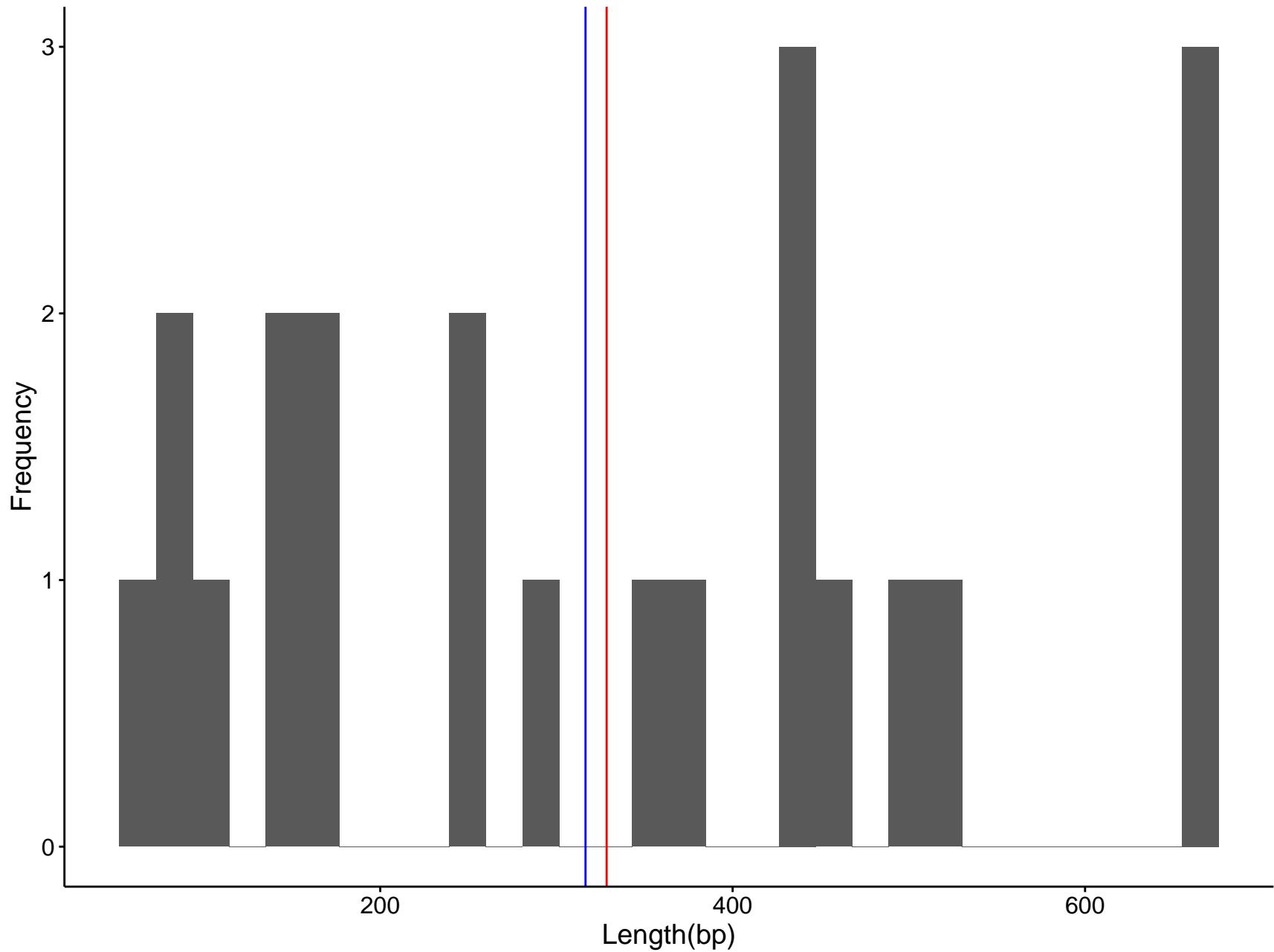
Cluster1881



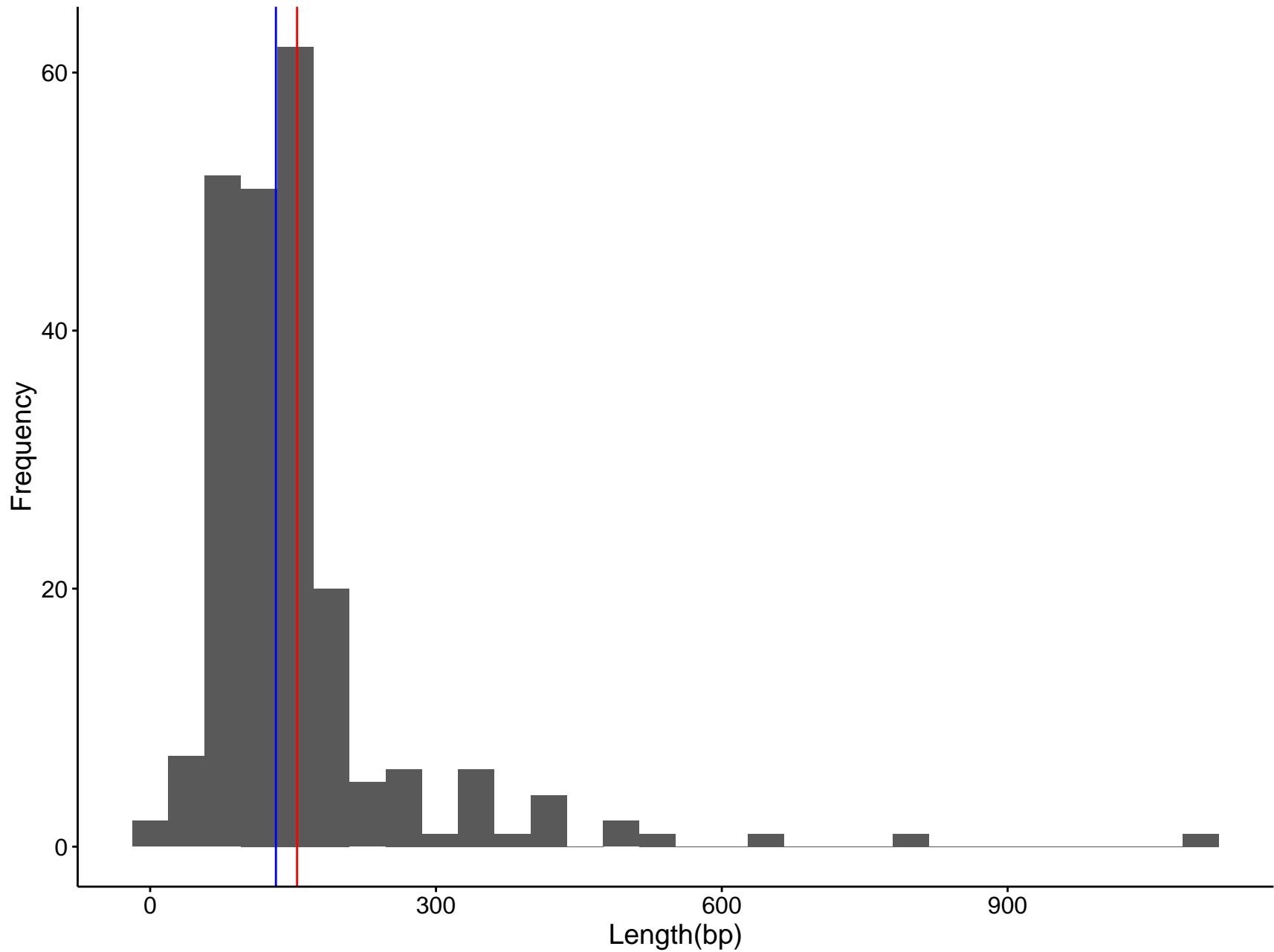
Cluster1882



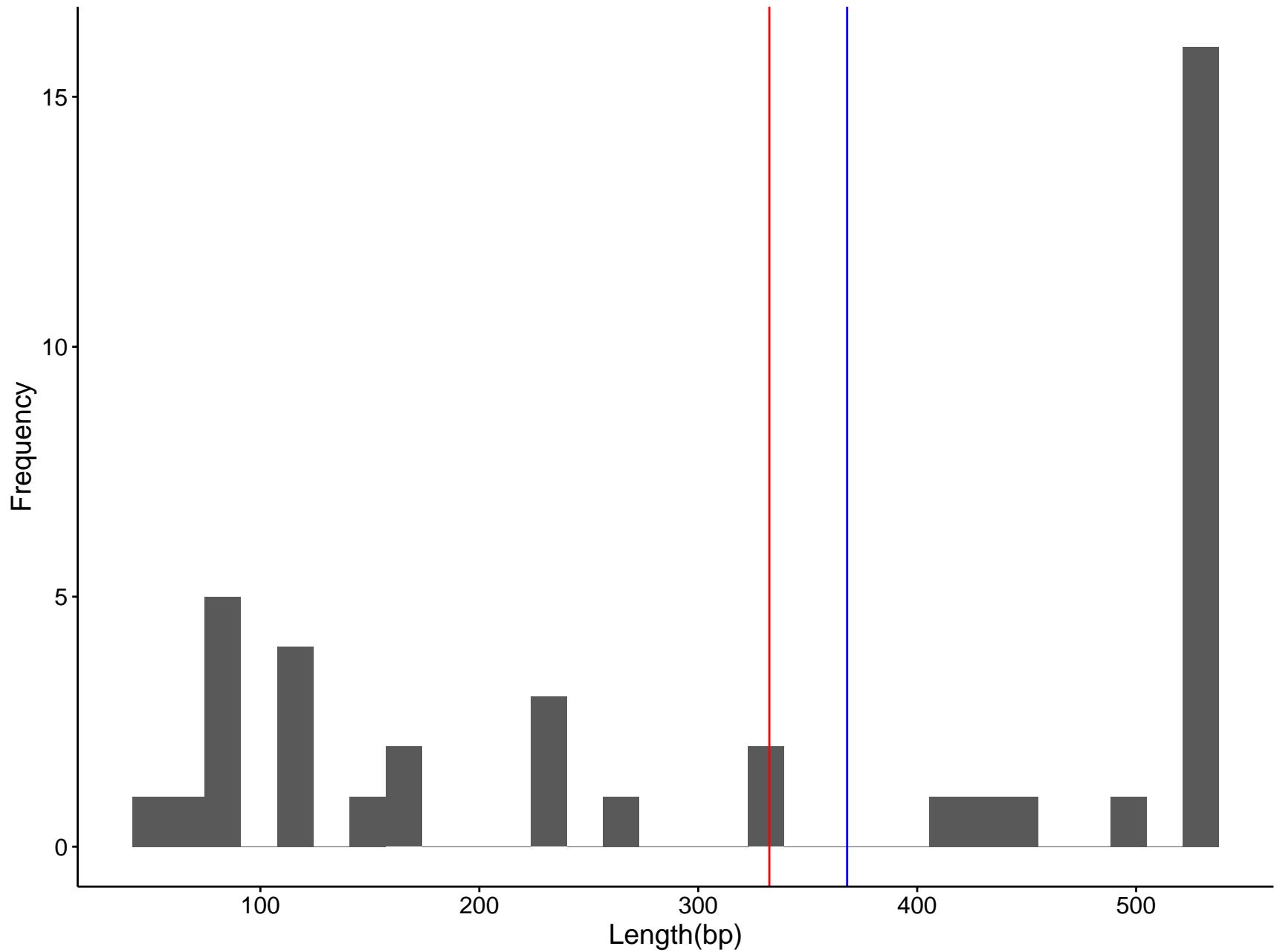
Cluster1883



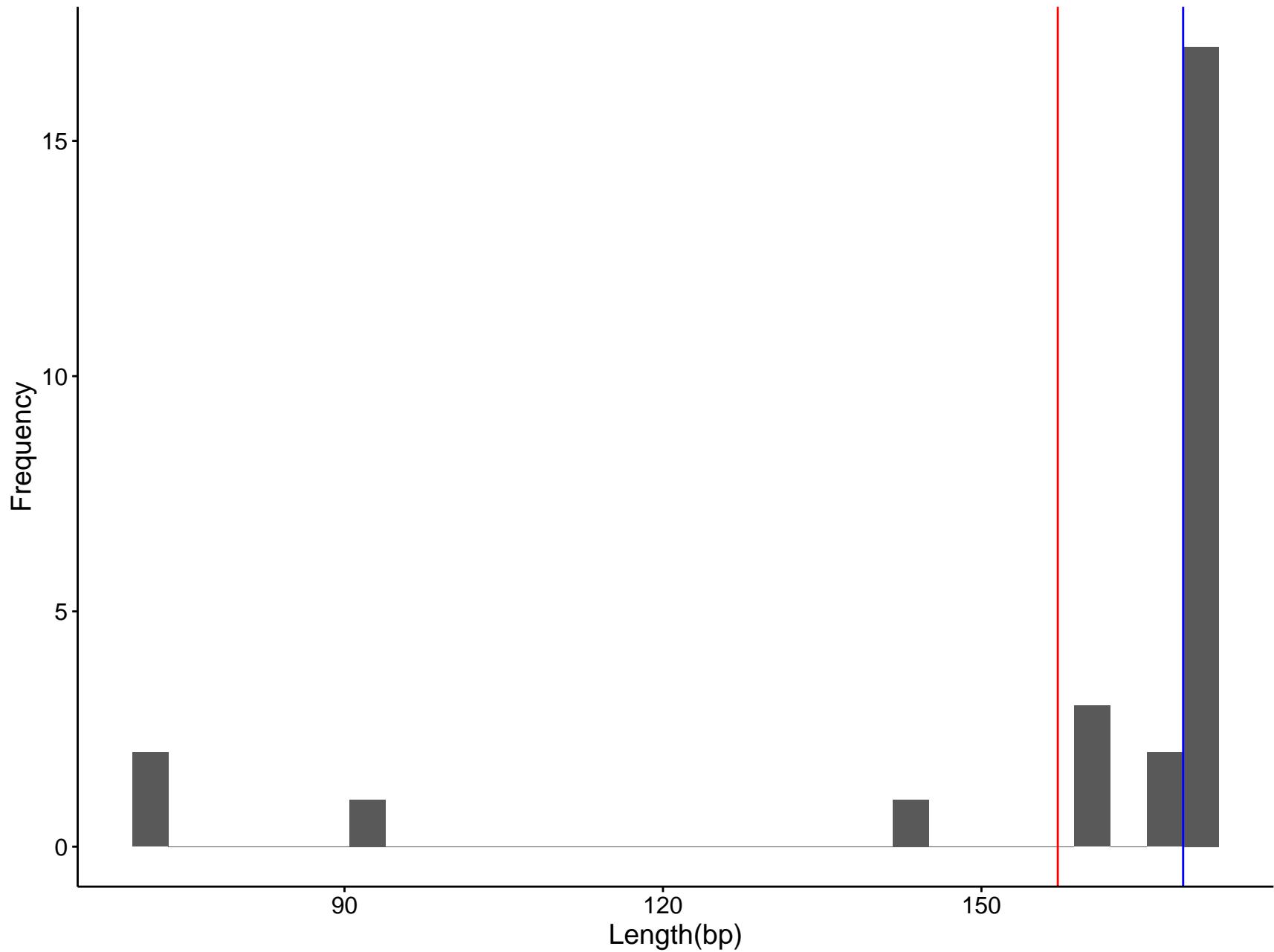
Cluster1884



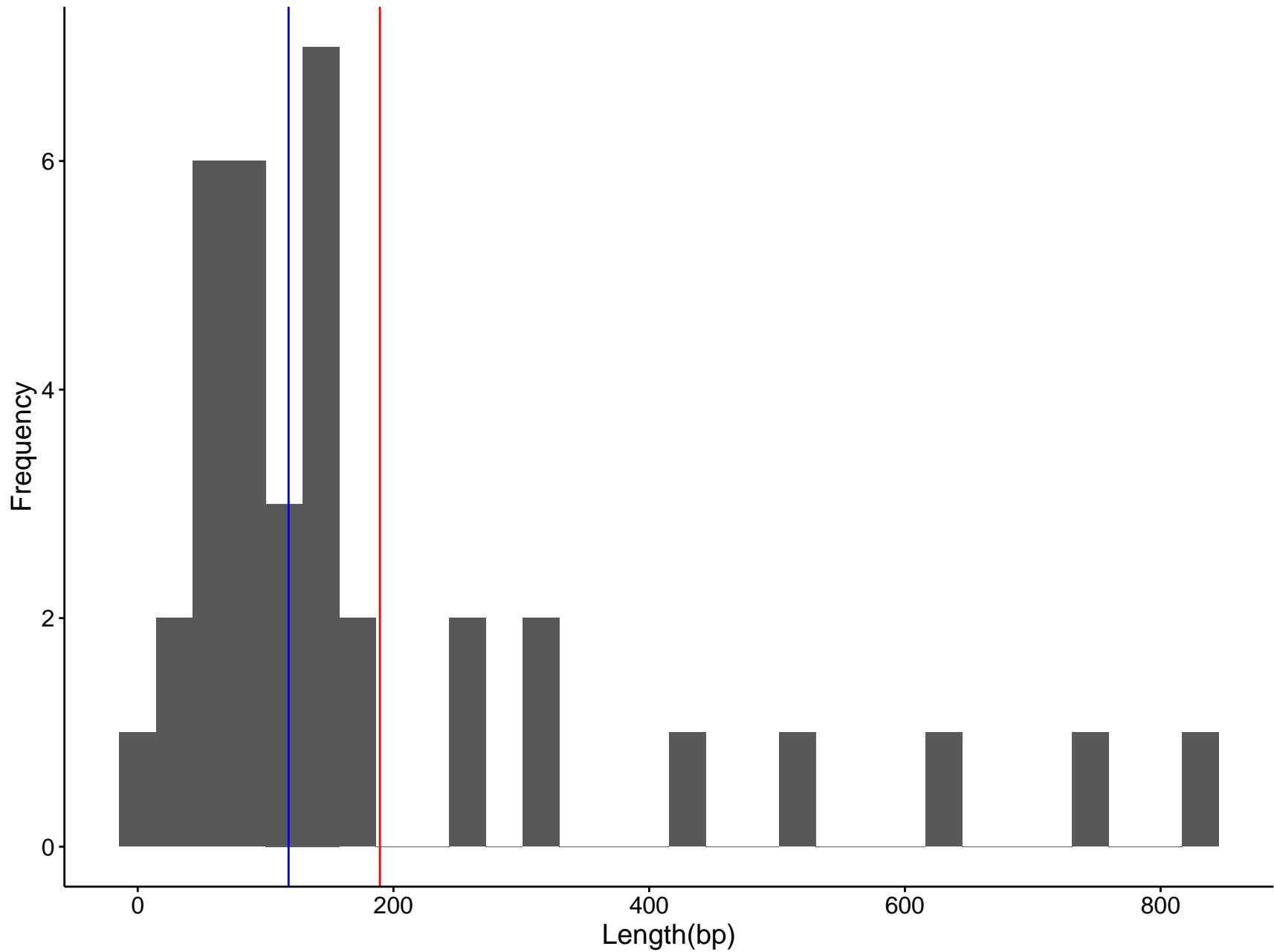
Cluster1885

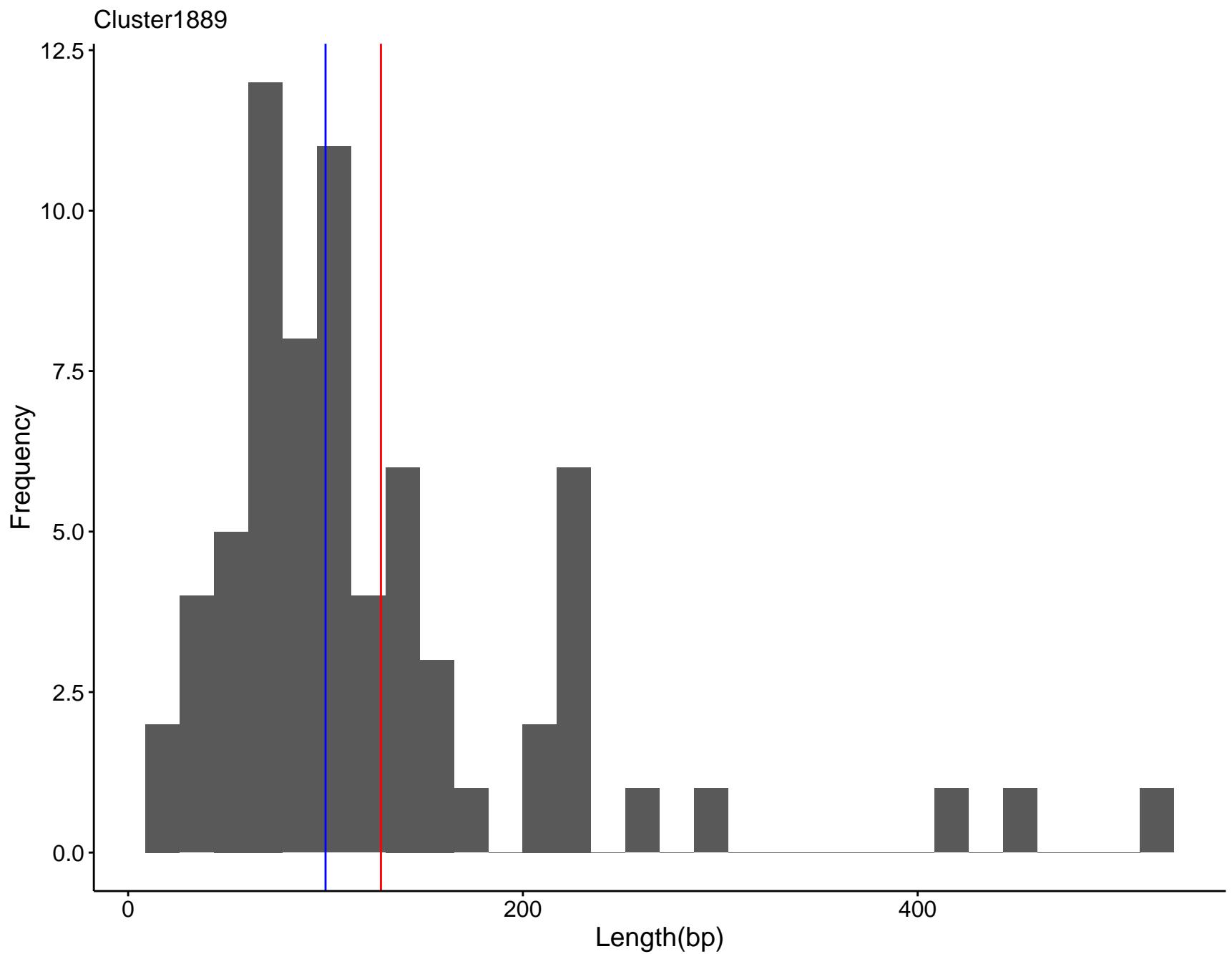


Cluster1887

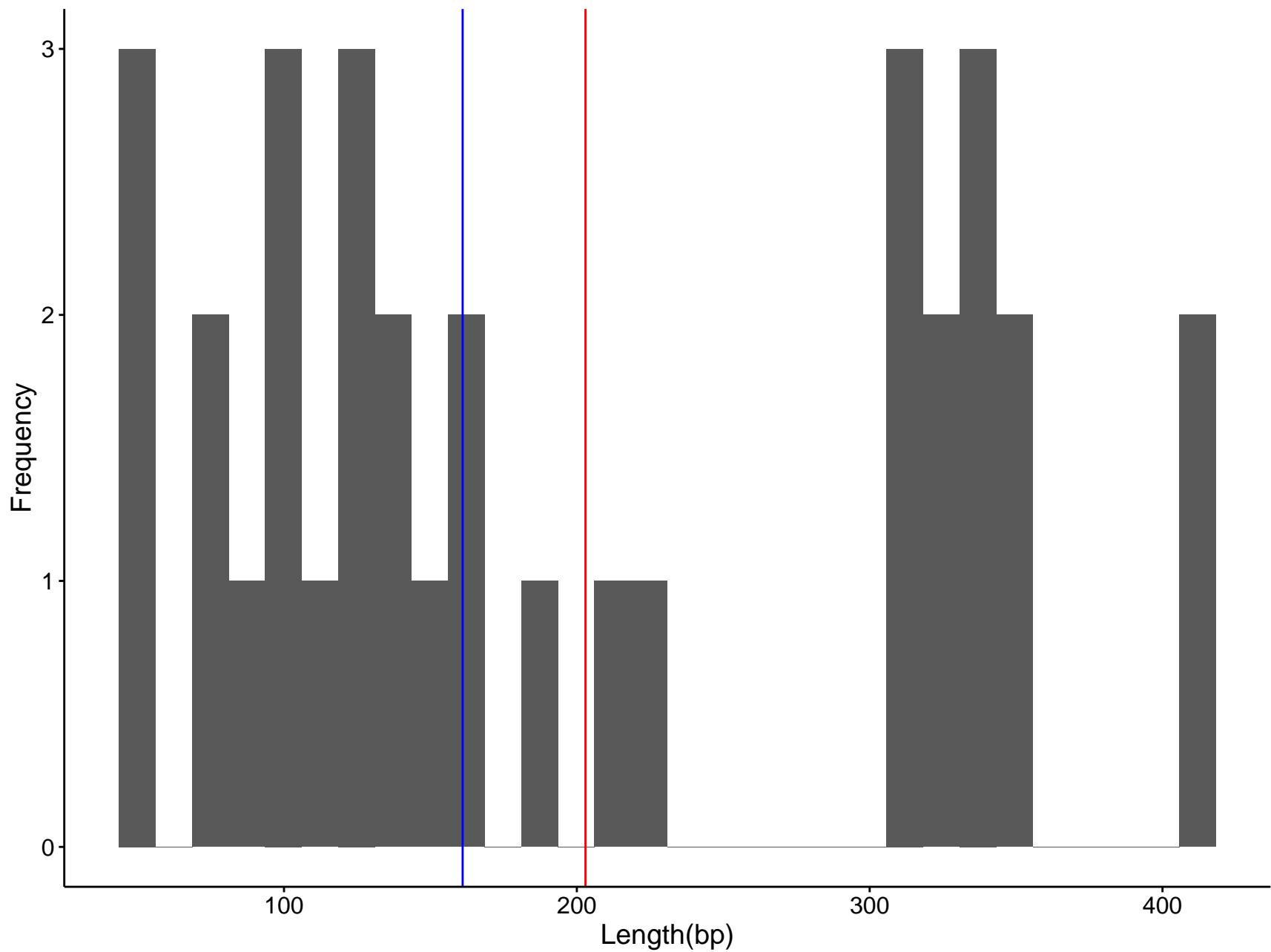


Cluster1888

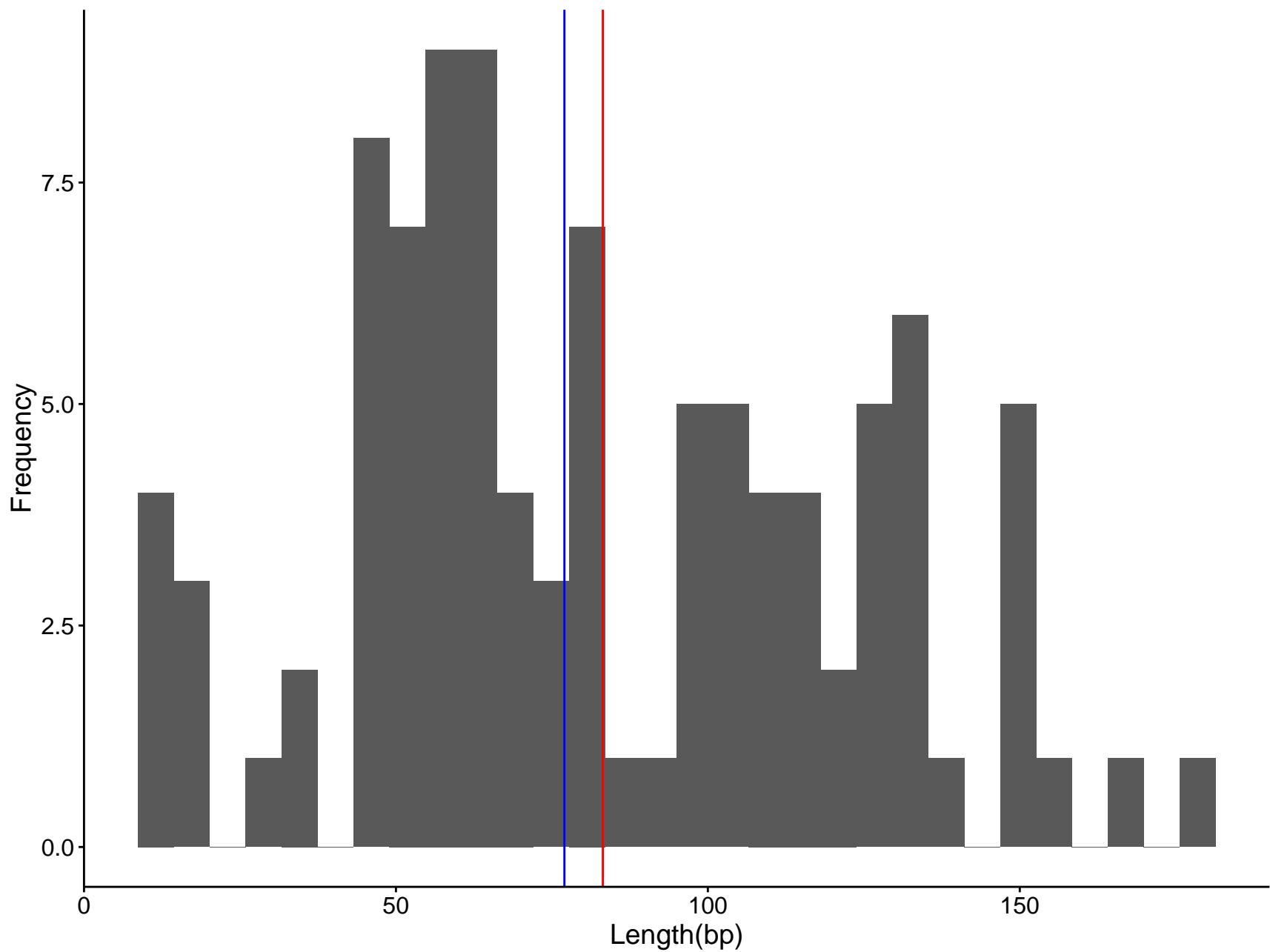




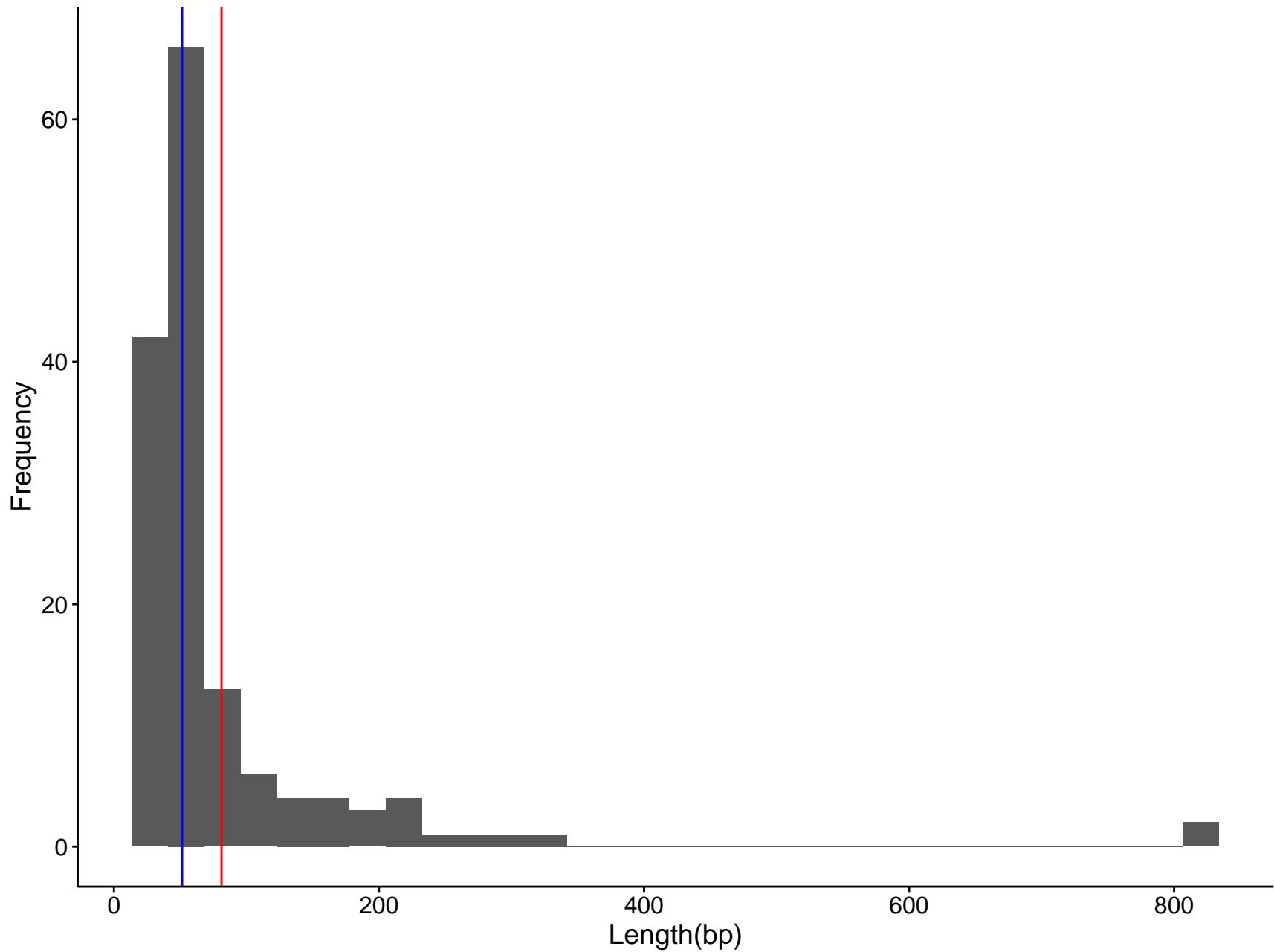
Cluster1890



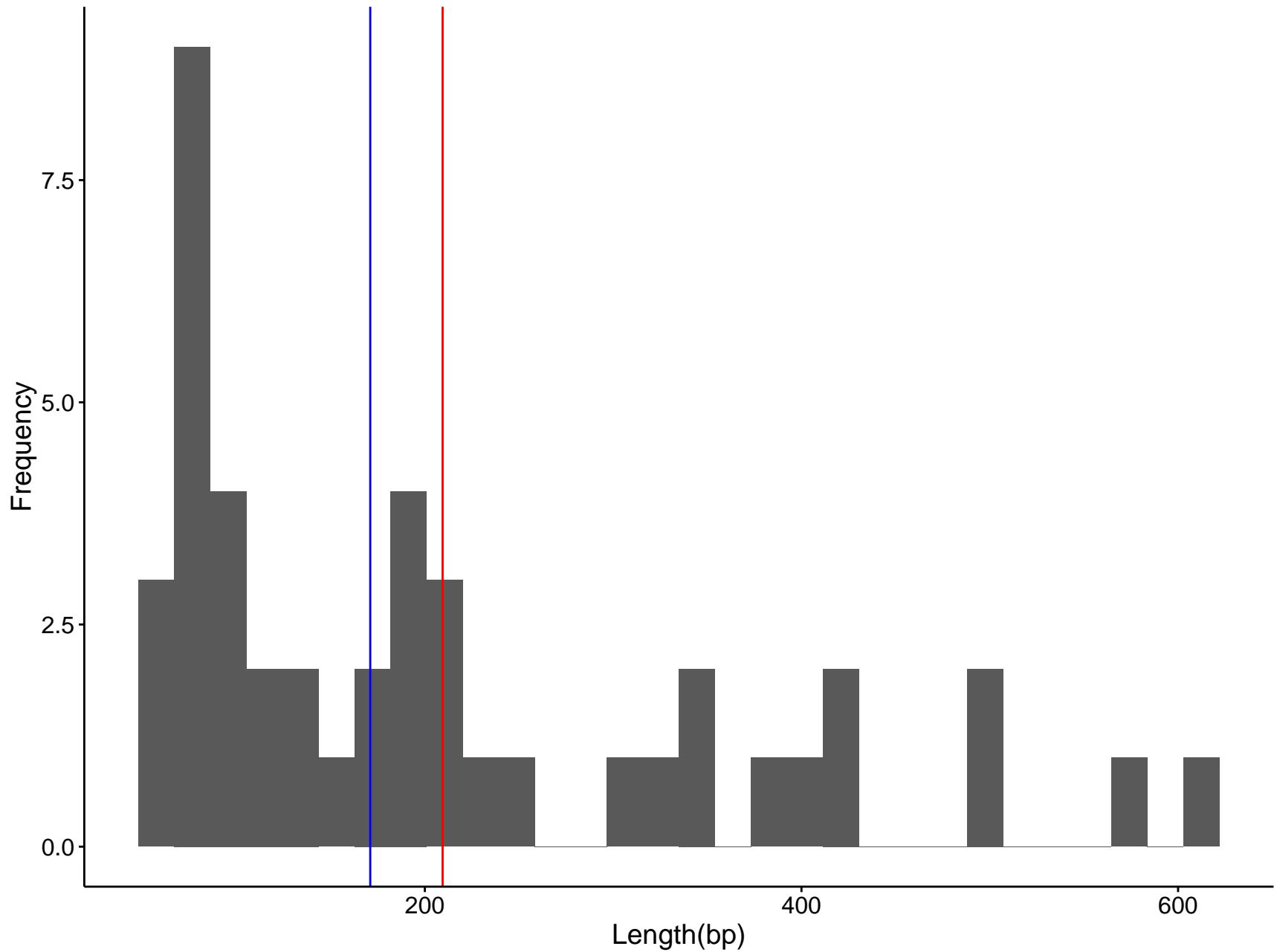
Cluster1892



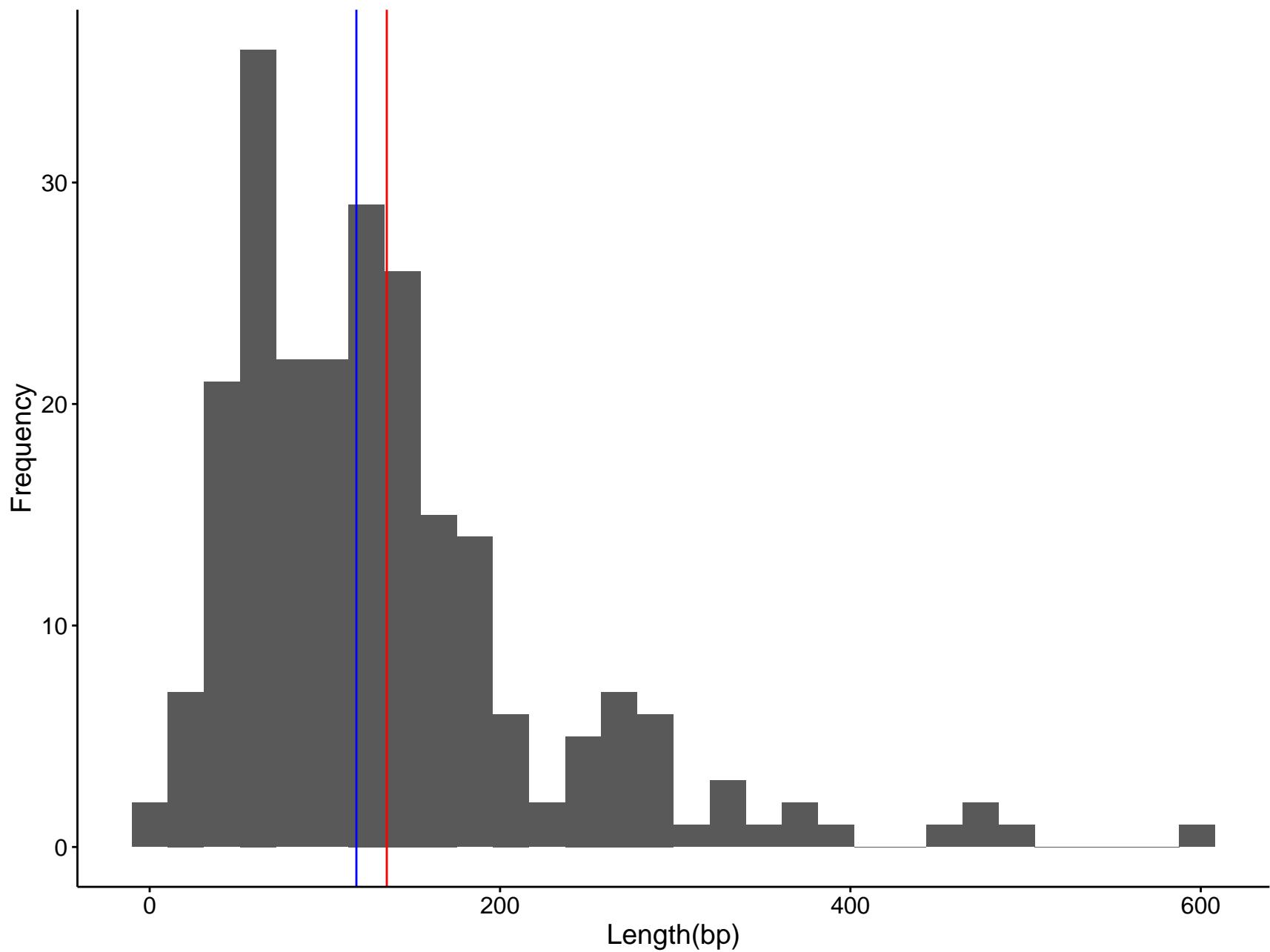
Cluster1893



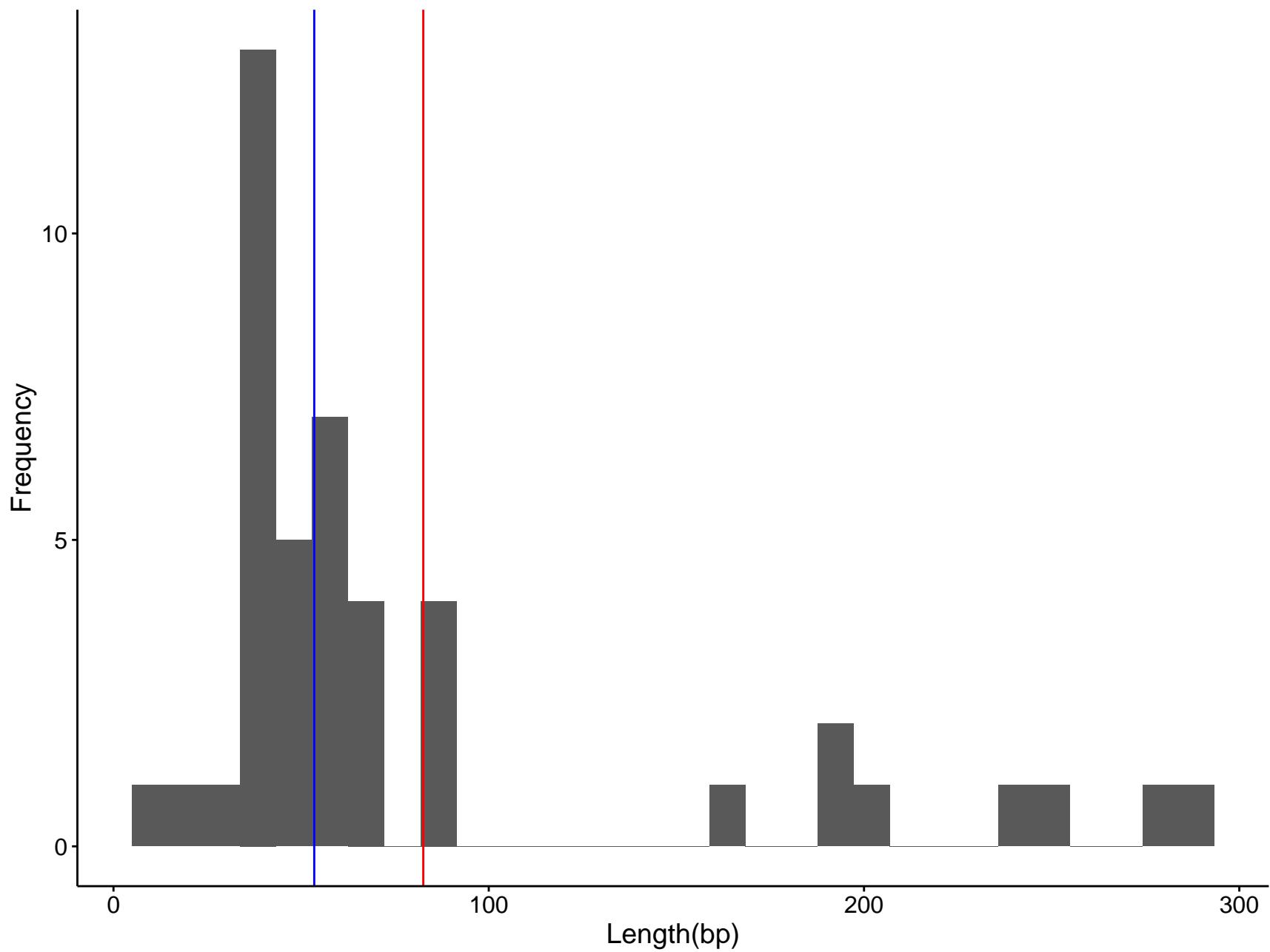
Cluster1894



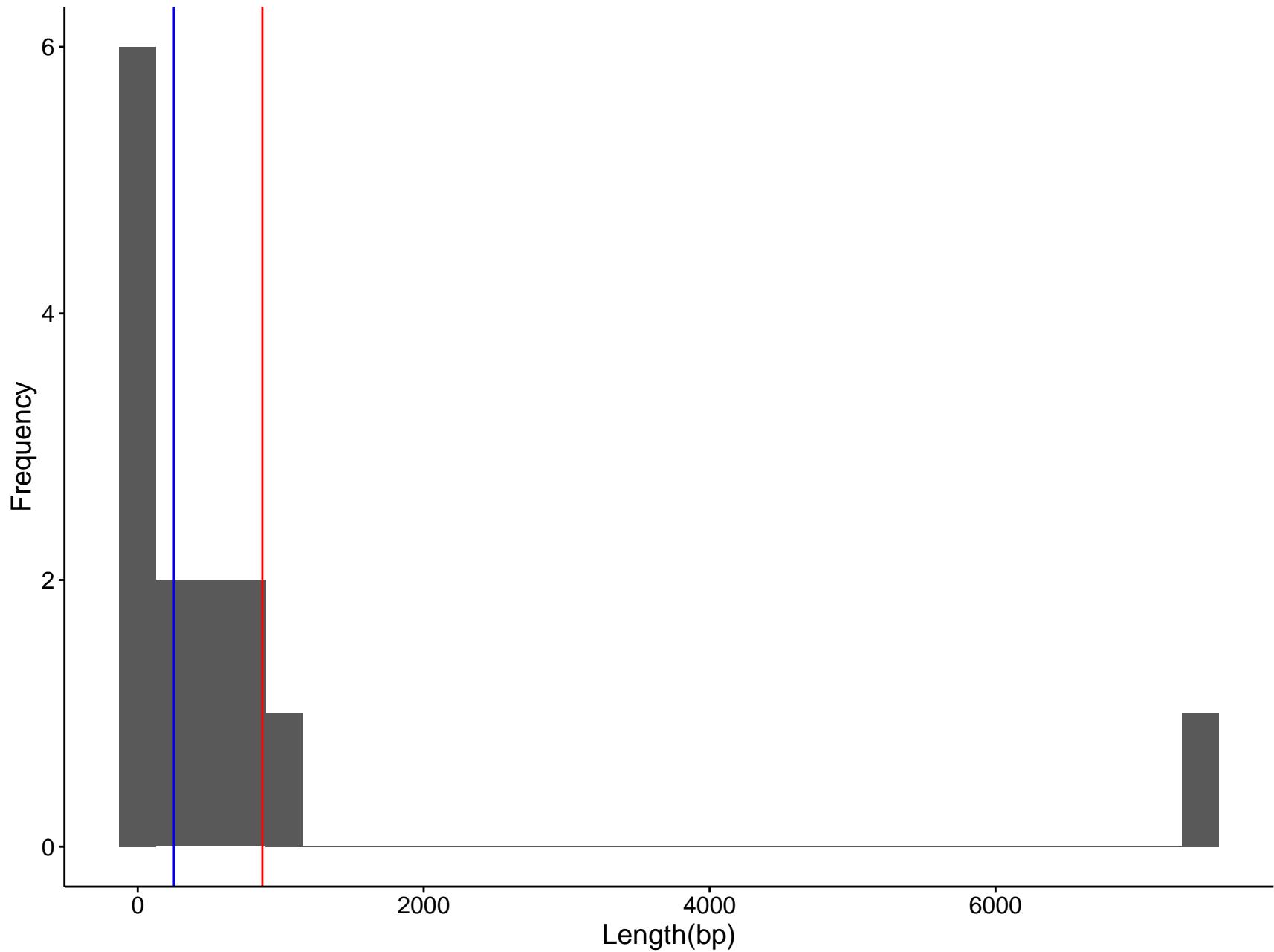
Cluster1896



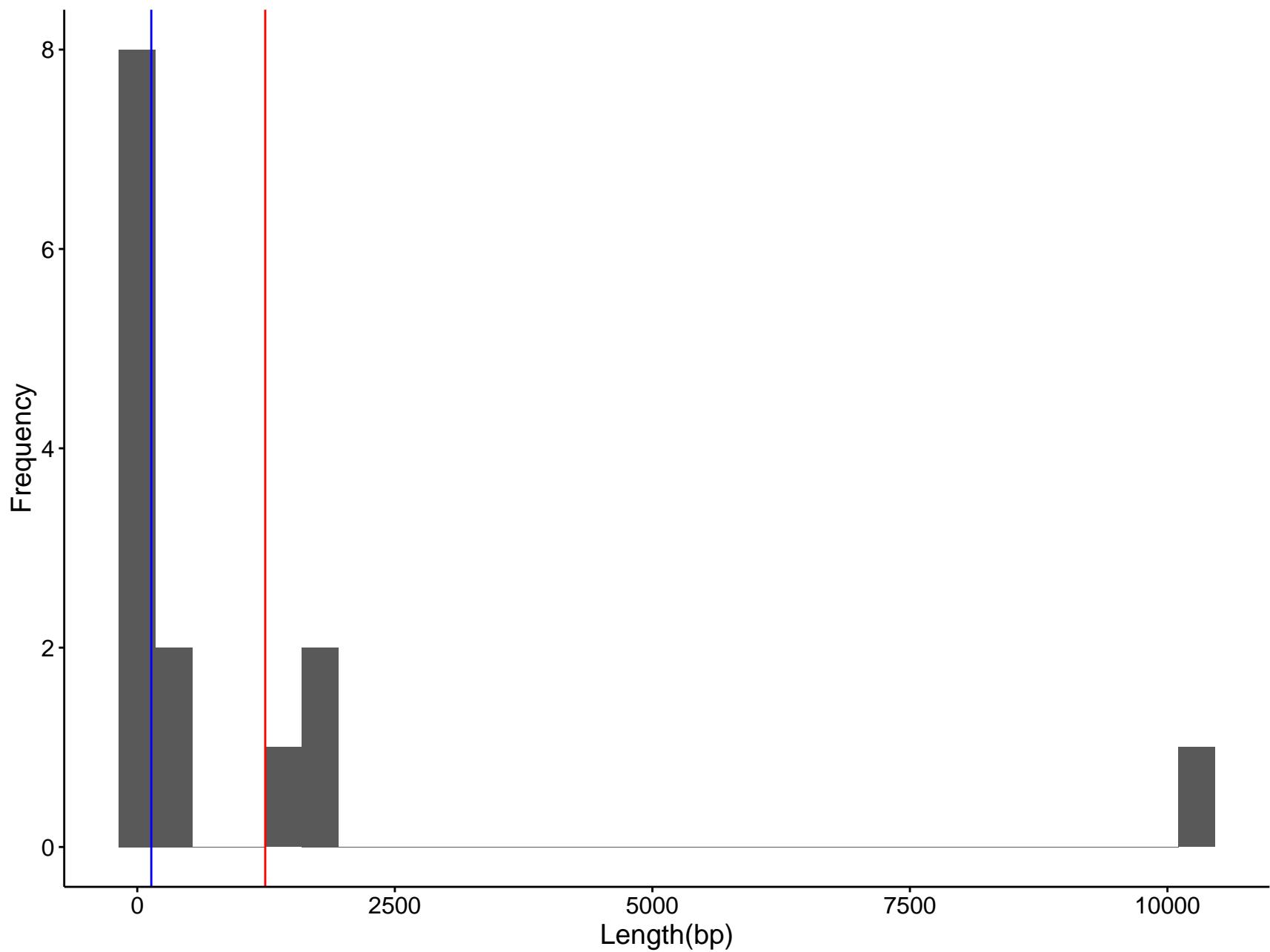
Cluster1897



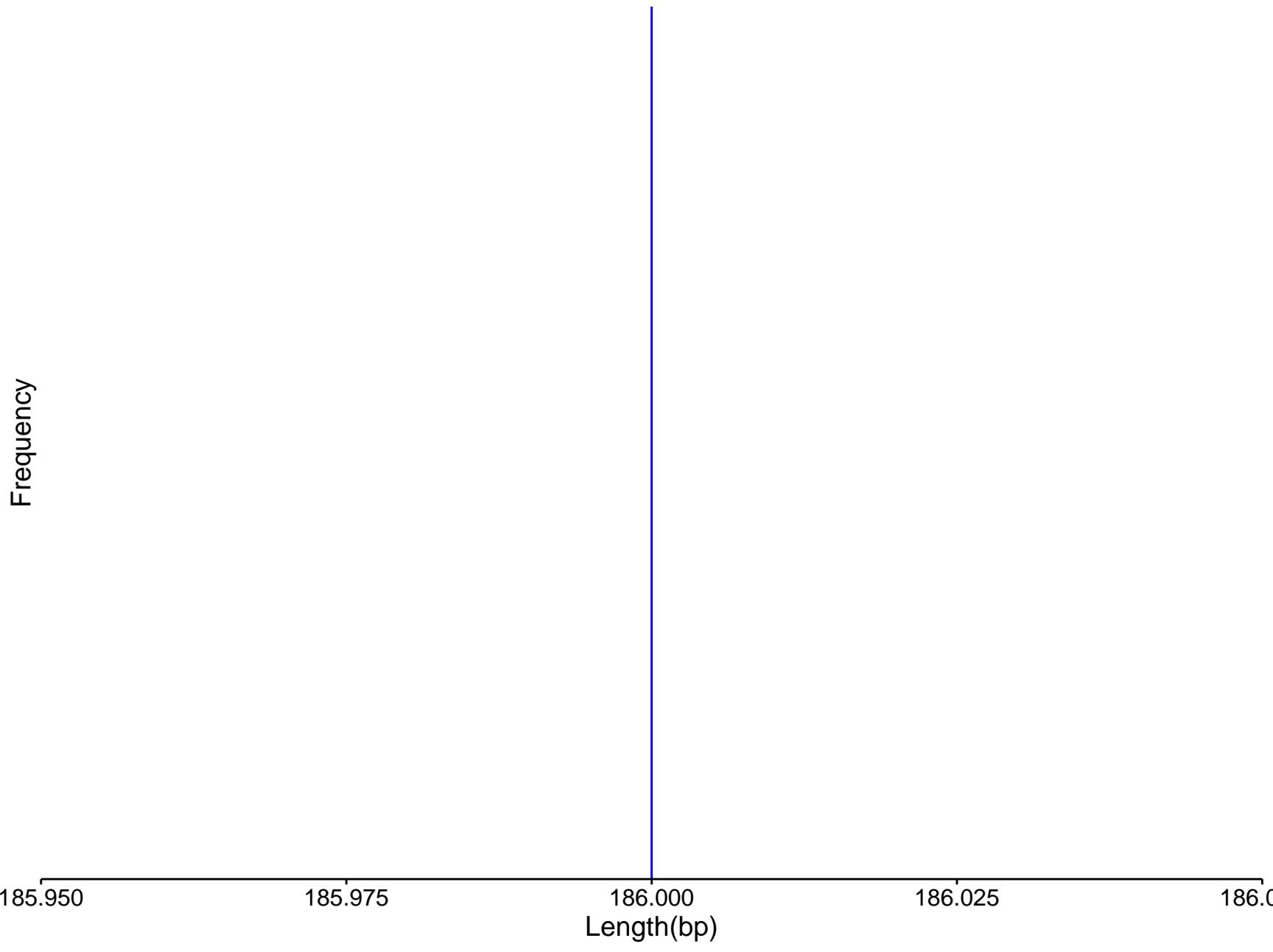
Cluster1898



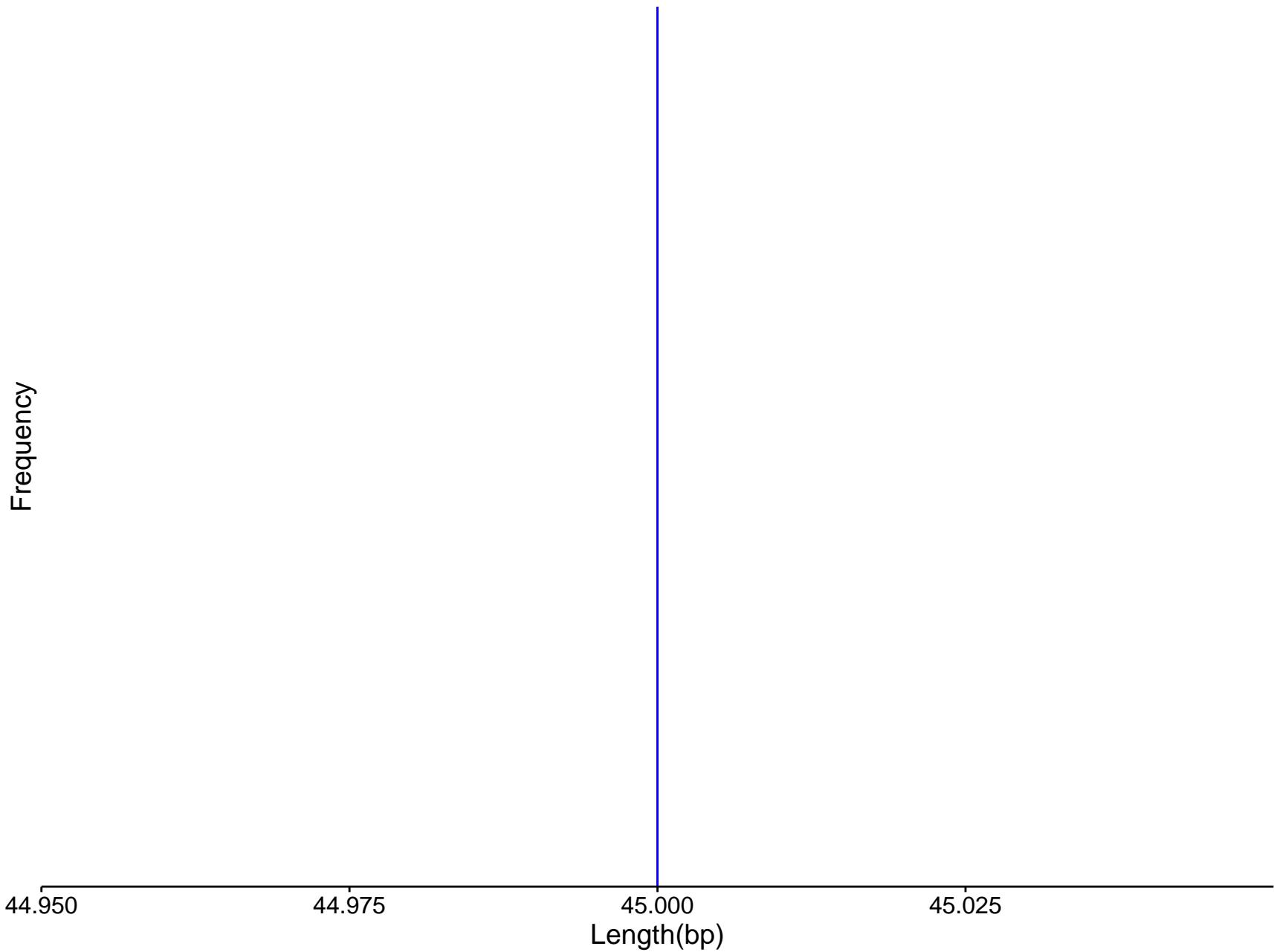
Cluster1899



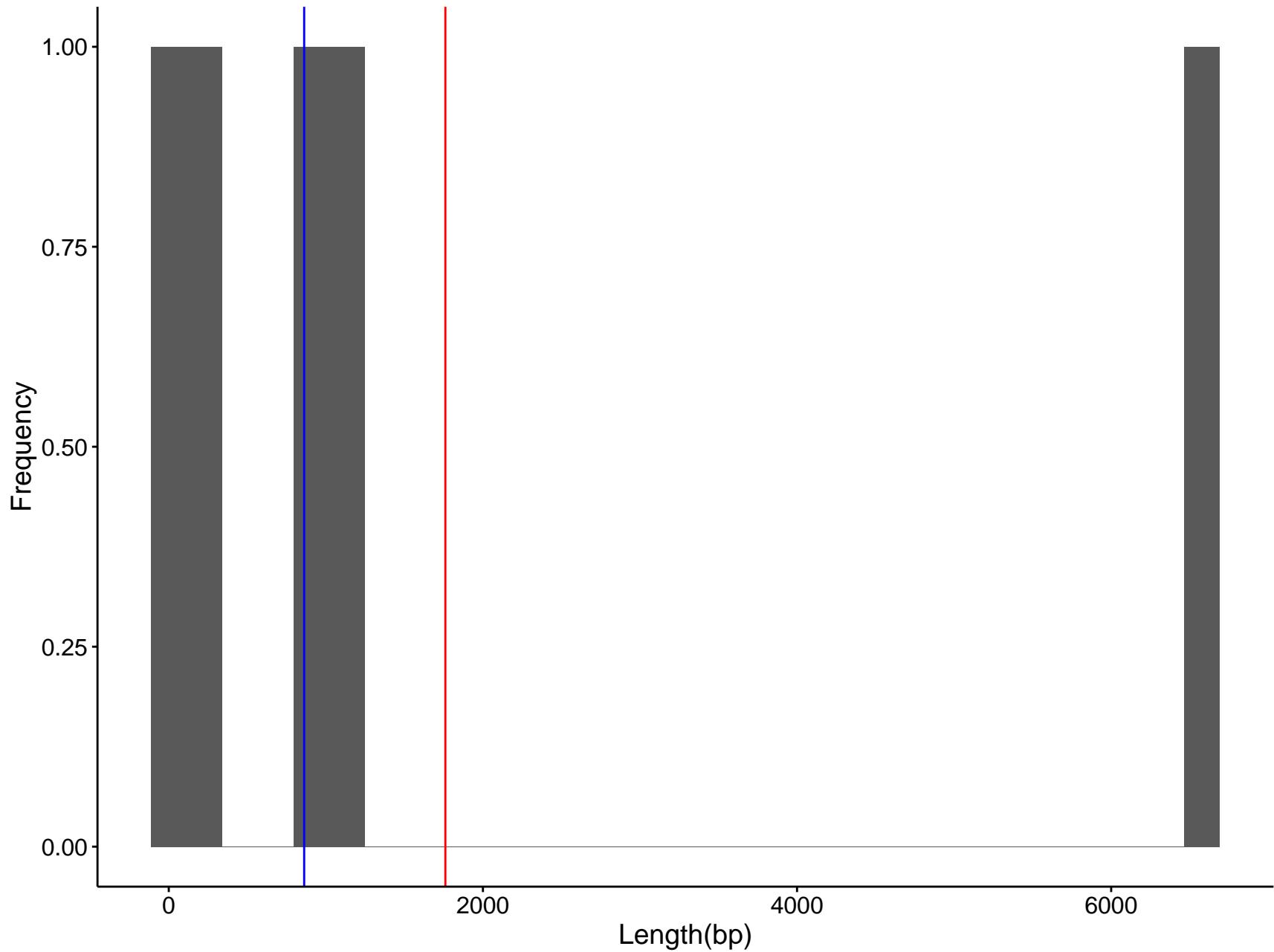
Cluster189



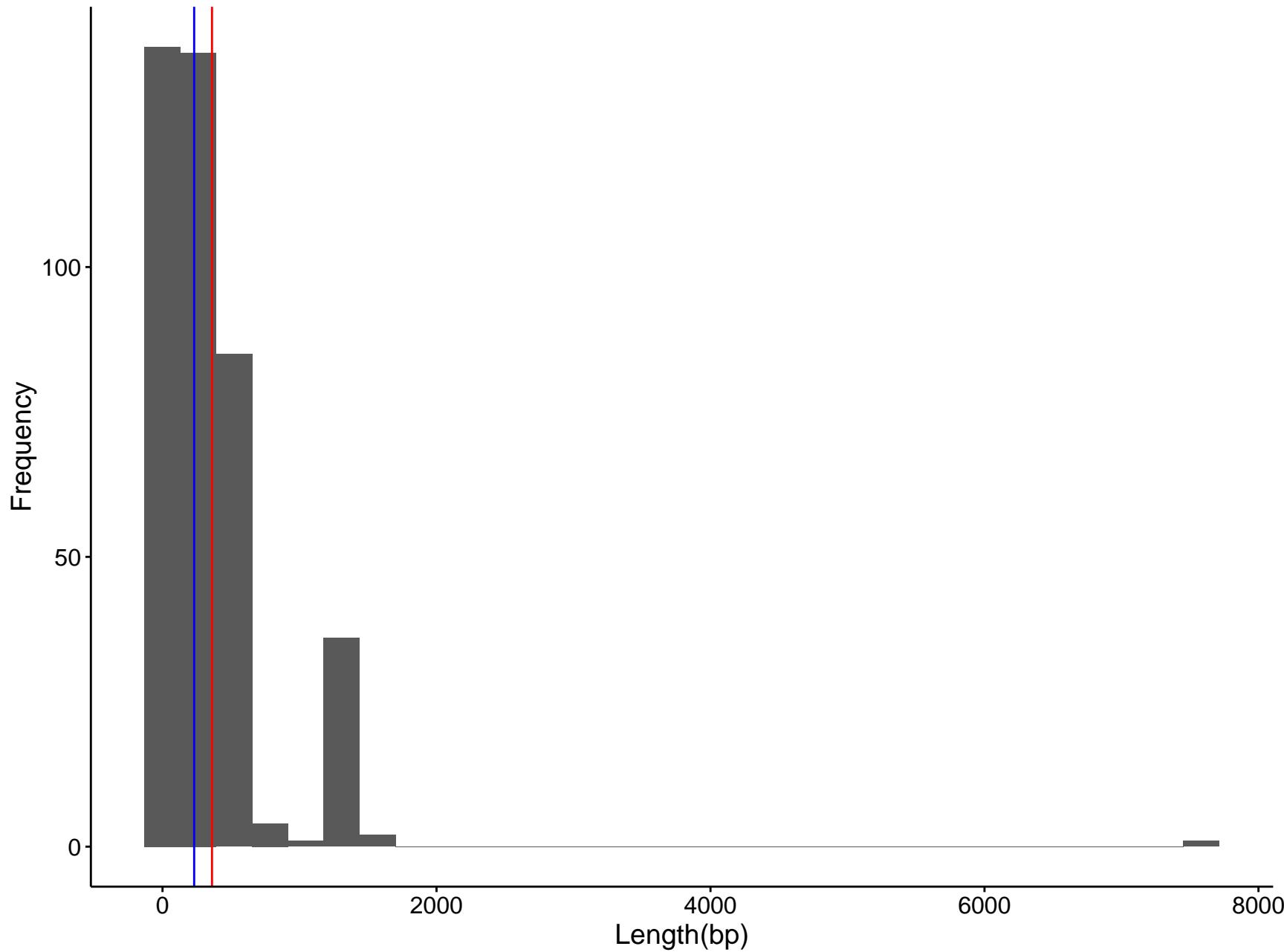
Cluster18



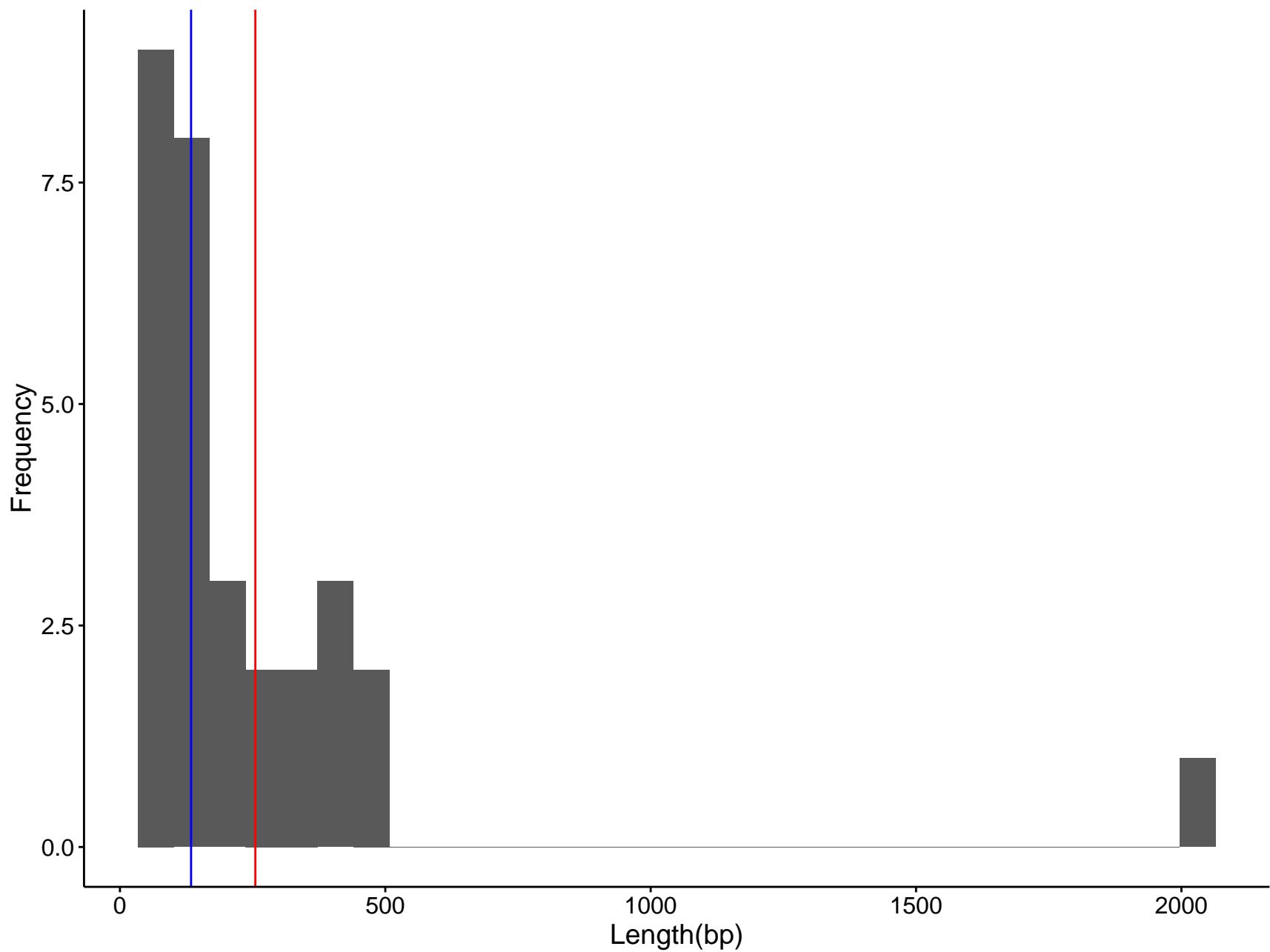
Cluster1900



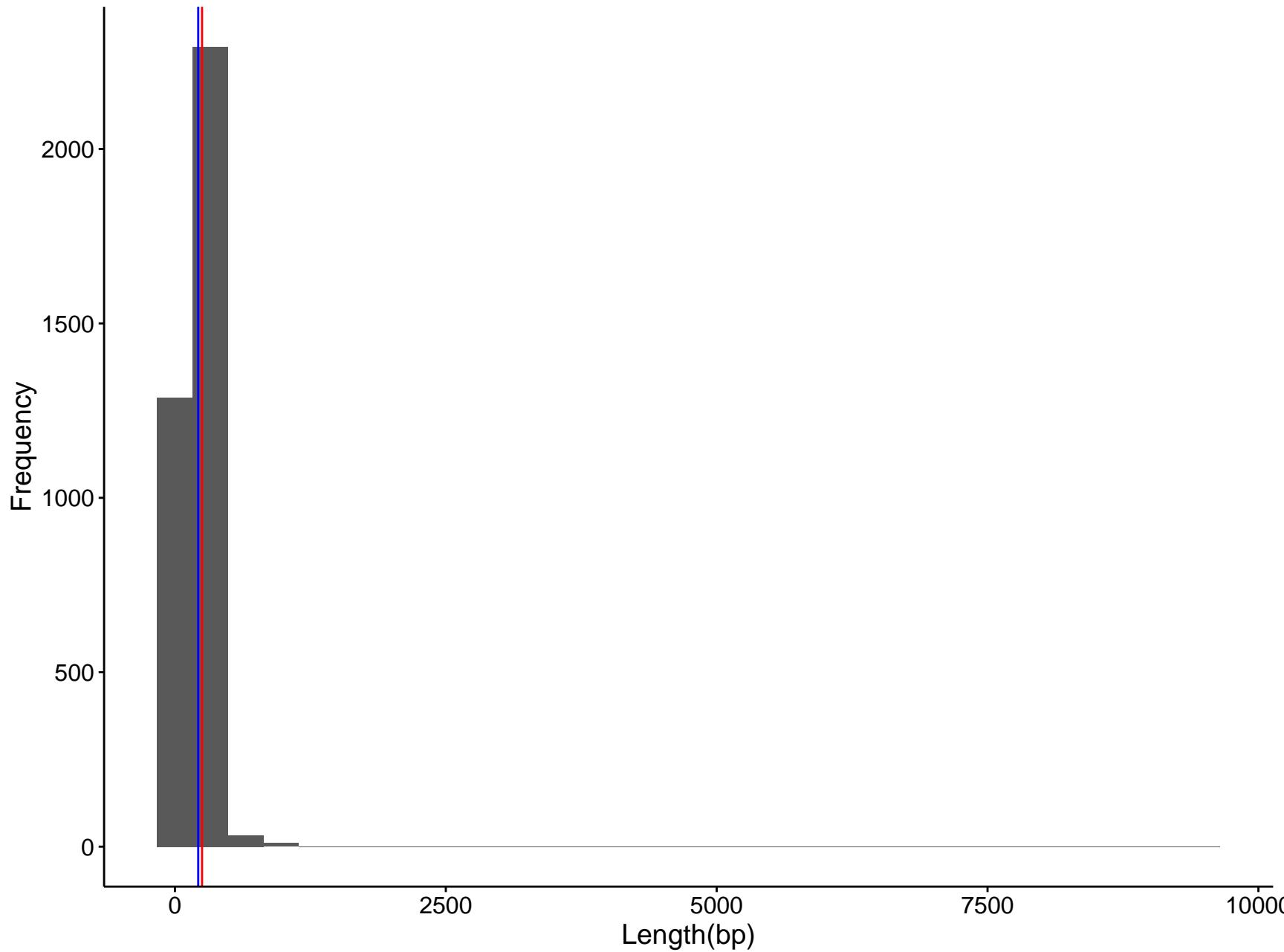
Cluster1901



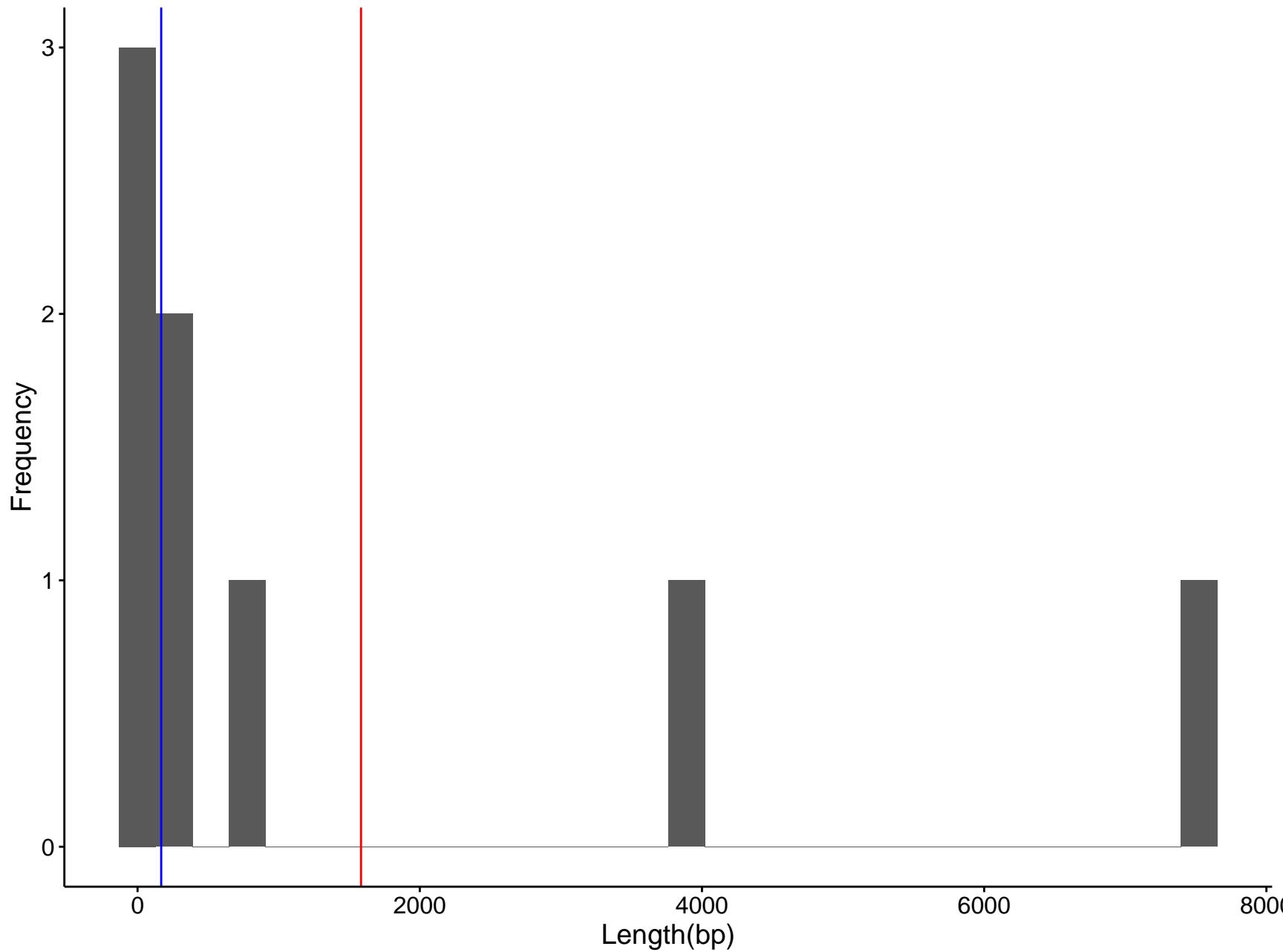
Cluster1902



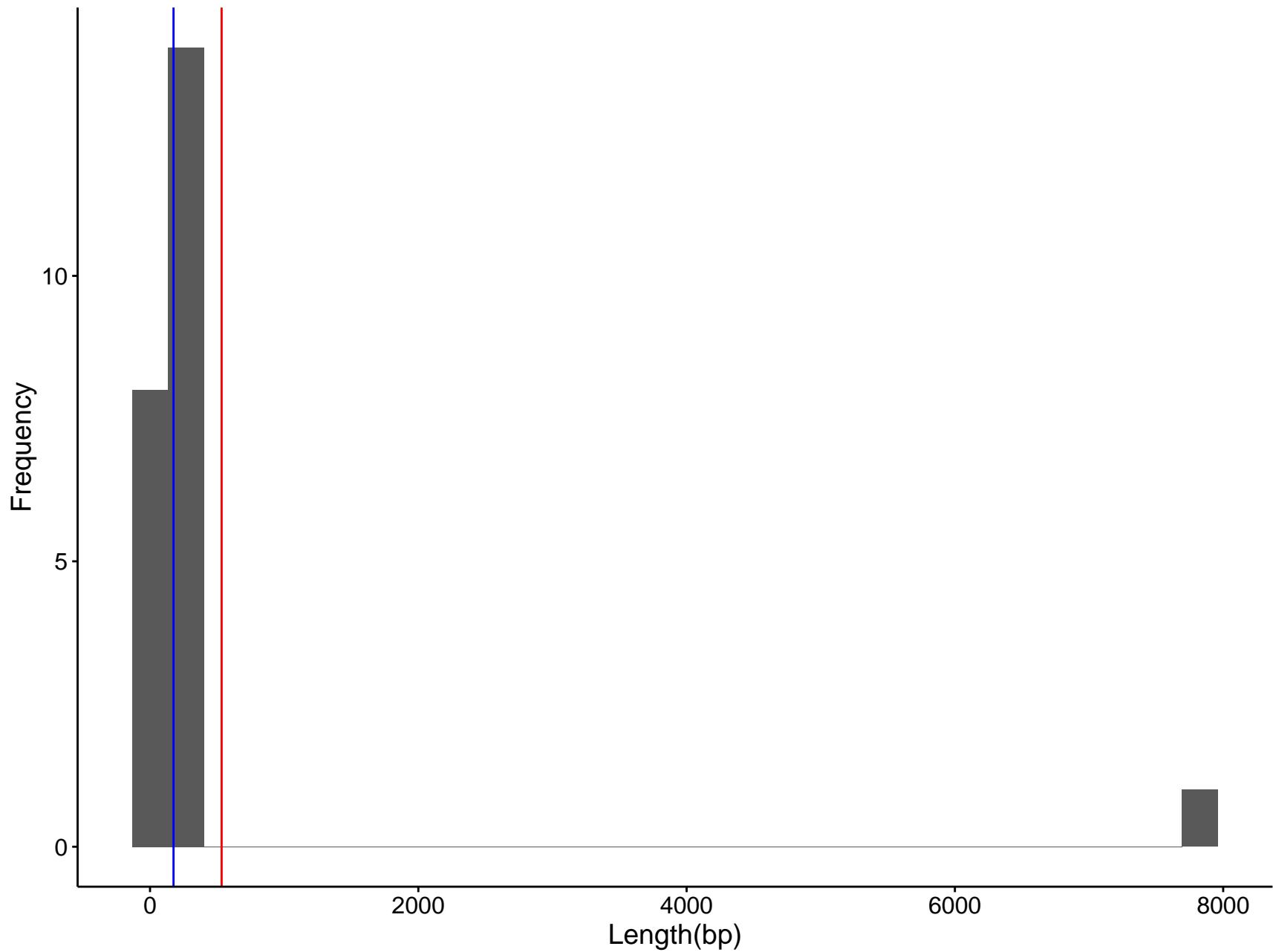
Cluster1903



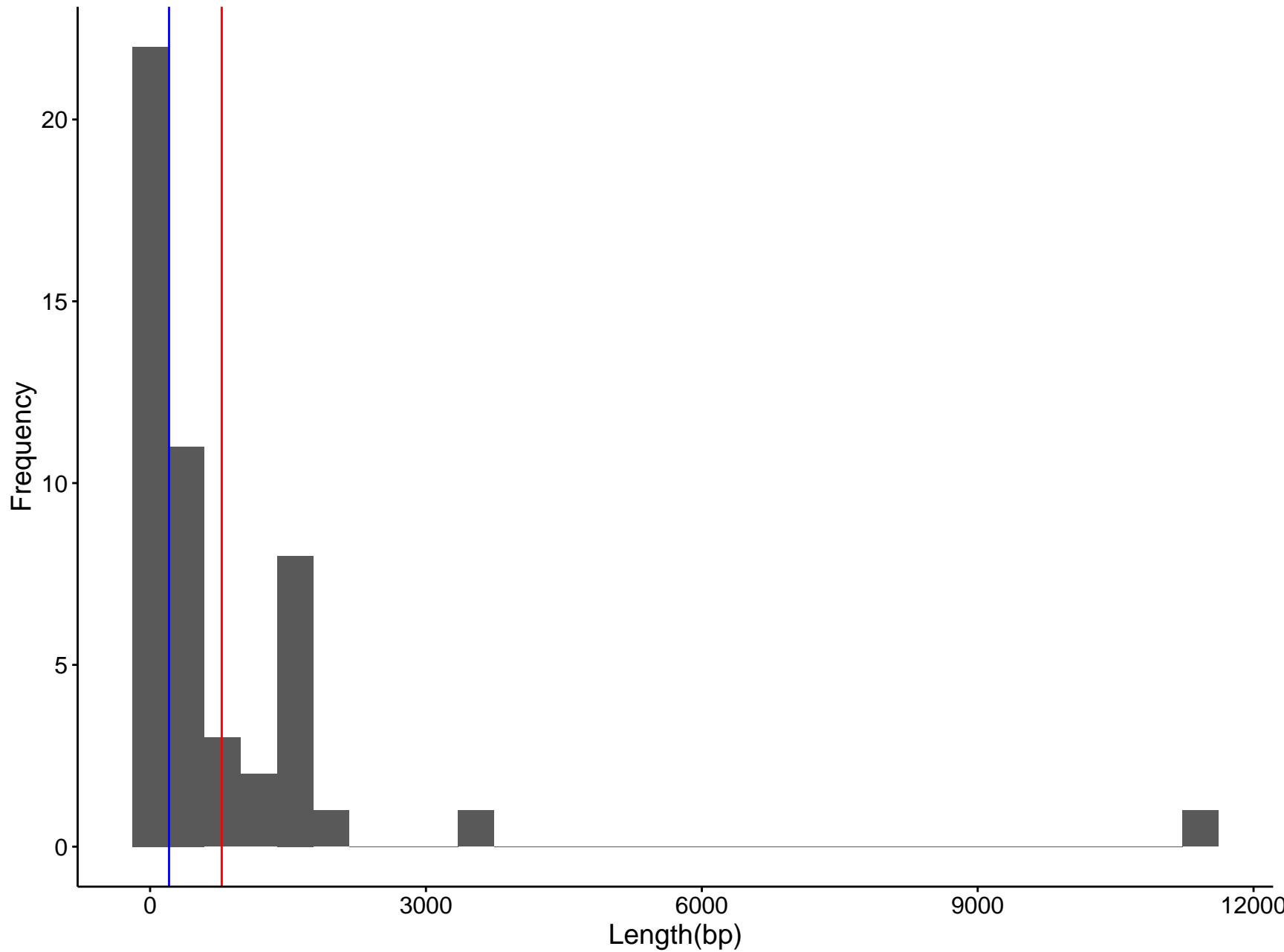
Cluster1904



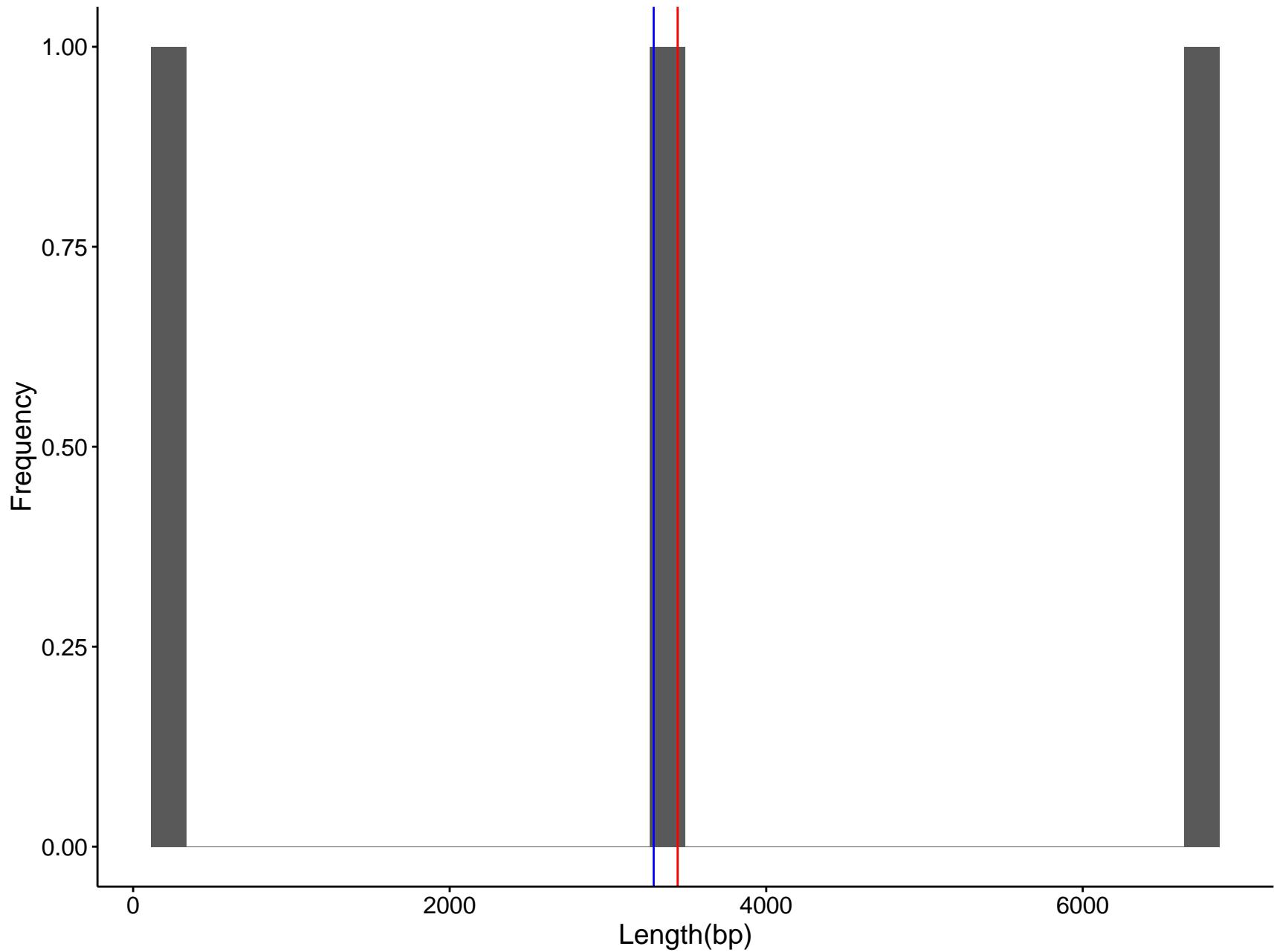
Cluster1905



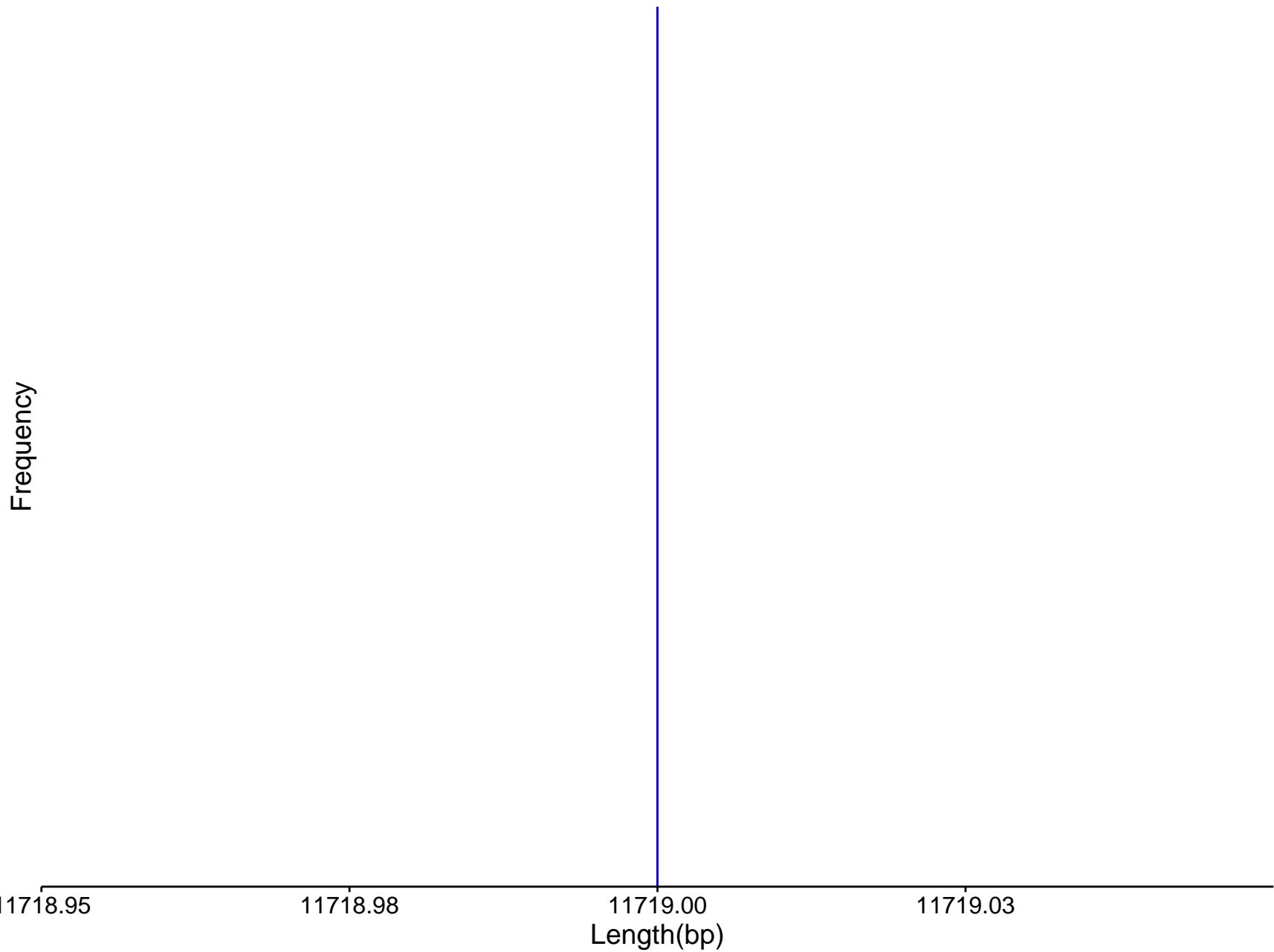
Cluster1906



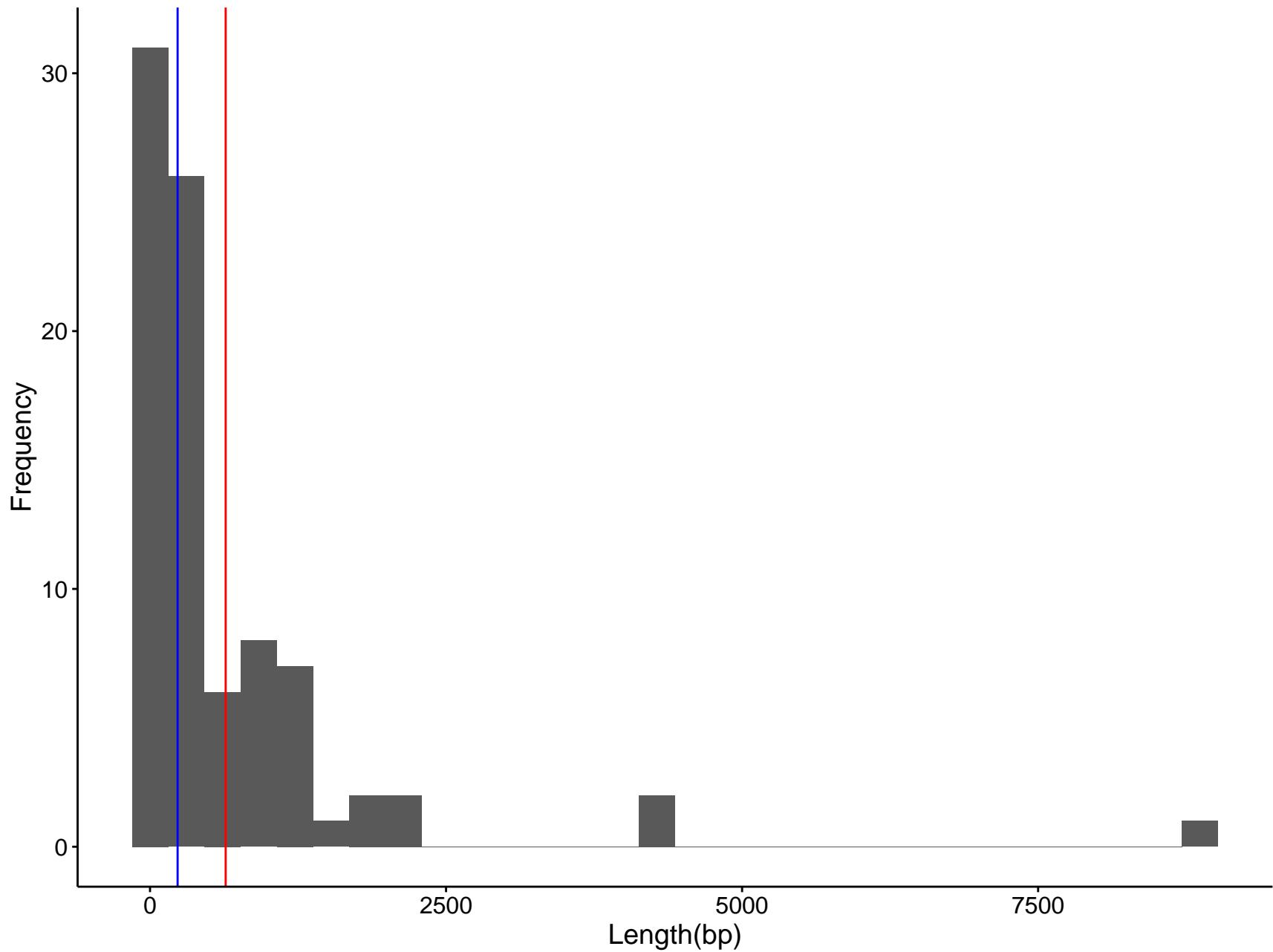
Cluster1907



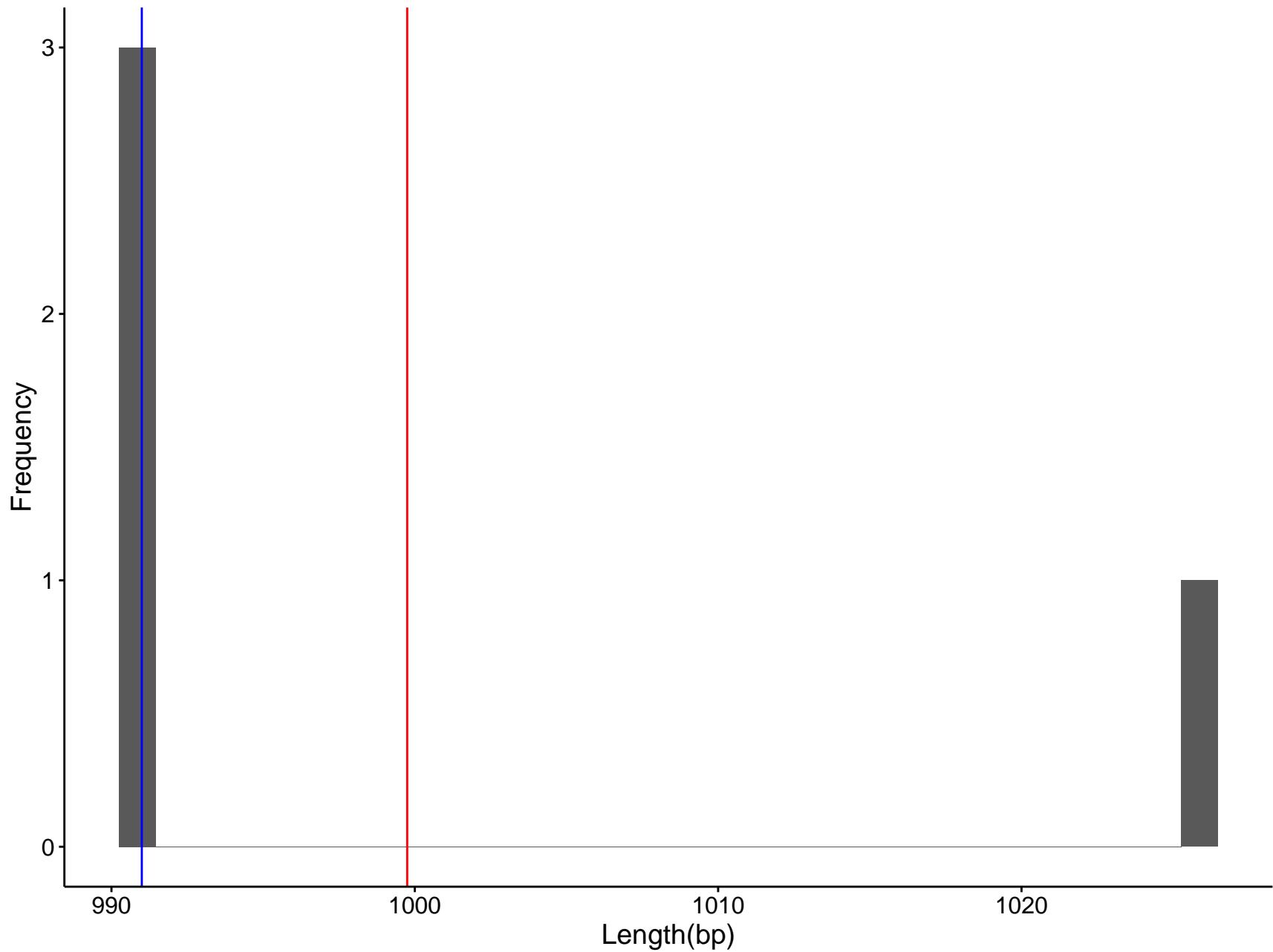
Cluster1908



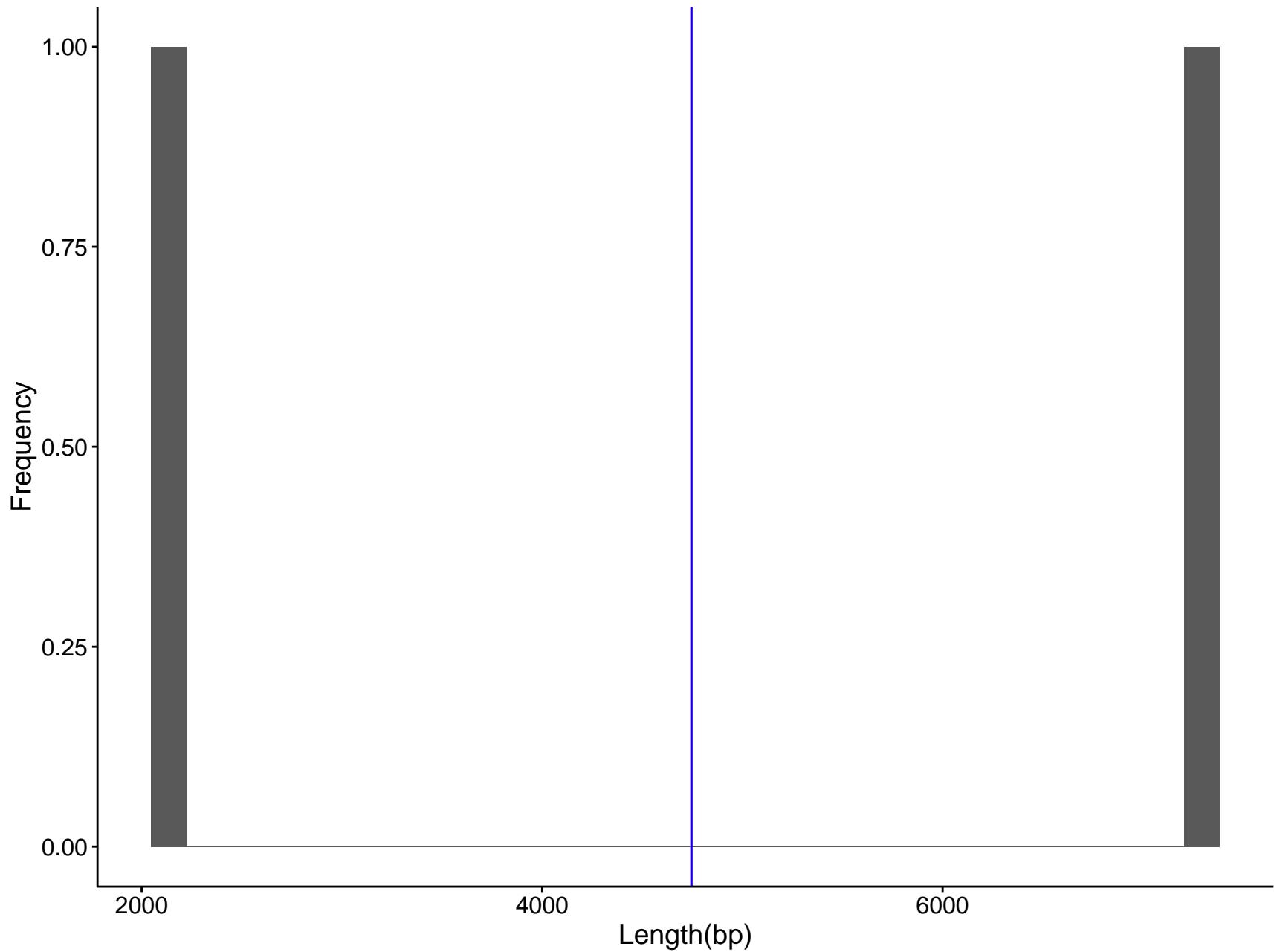
Cluster1909



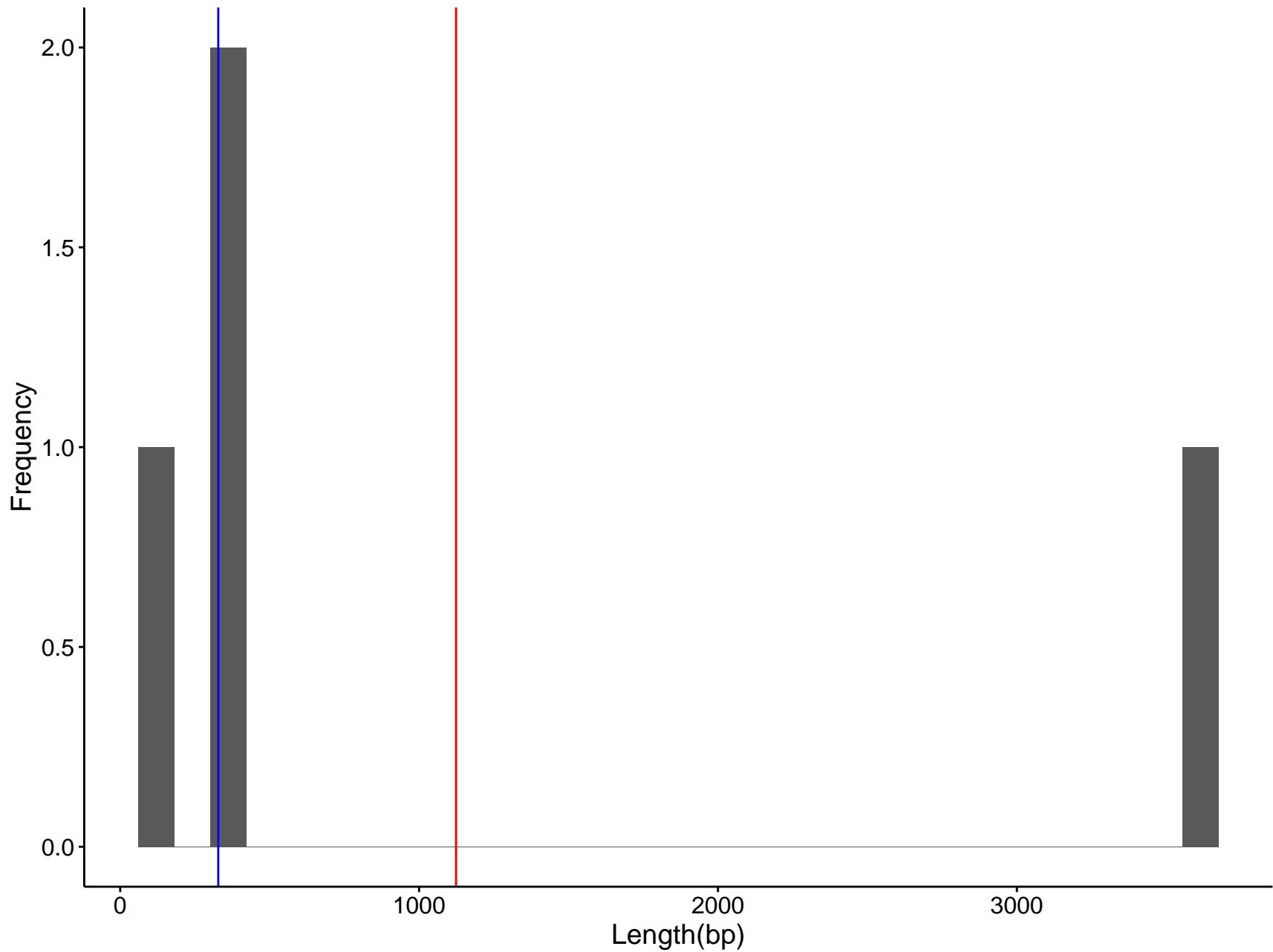
Cluster190



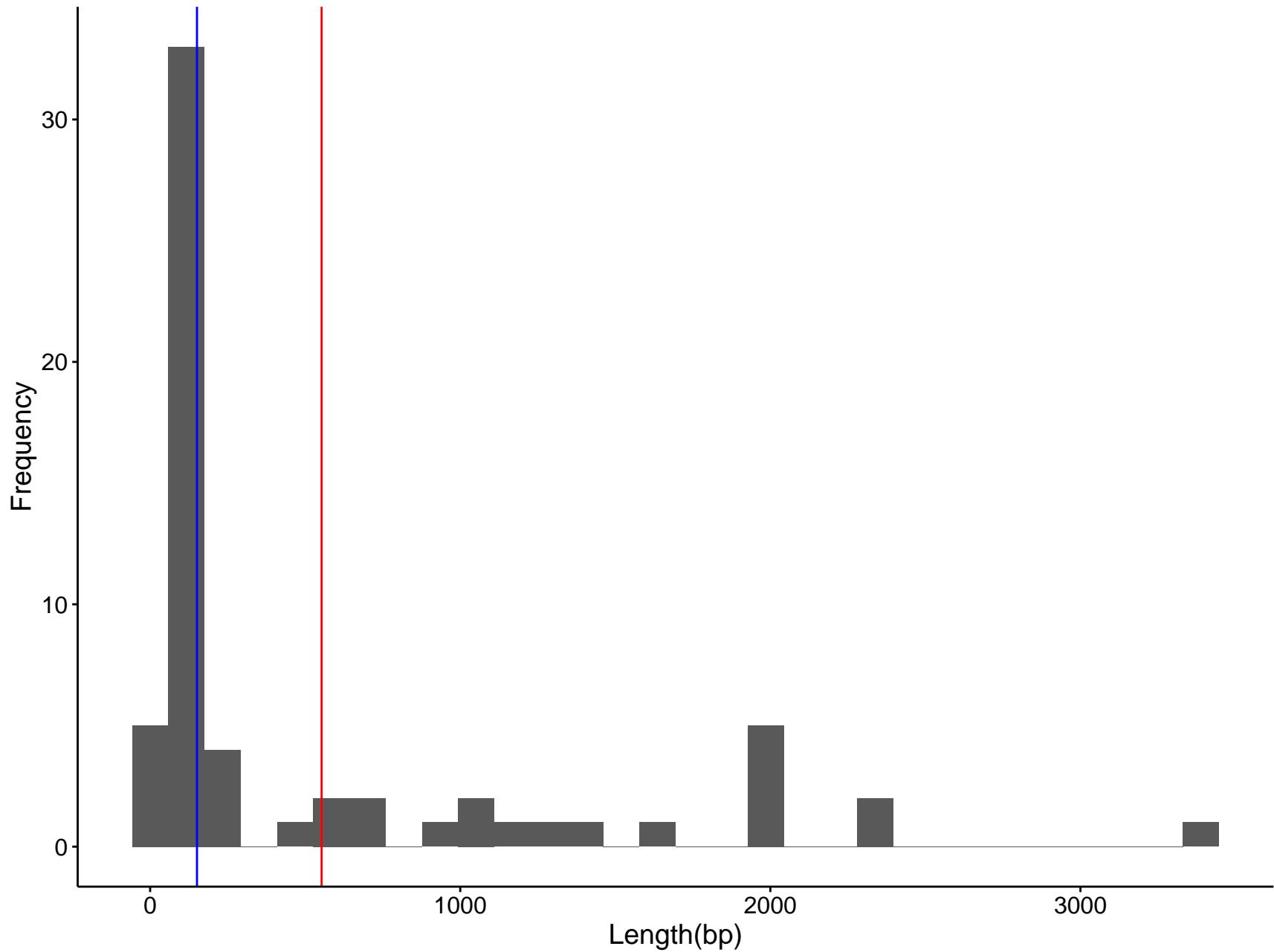
Cluster1910



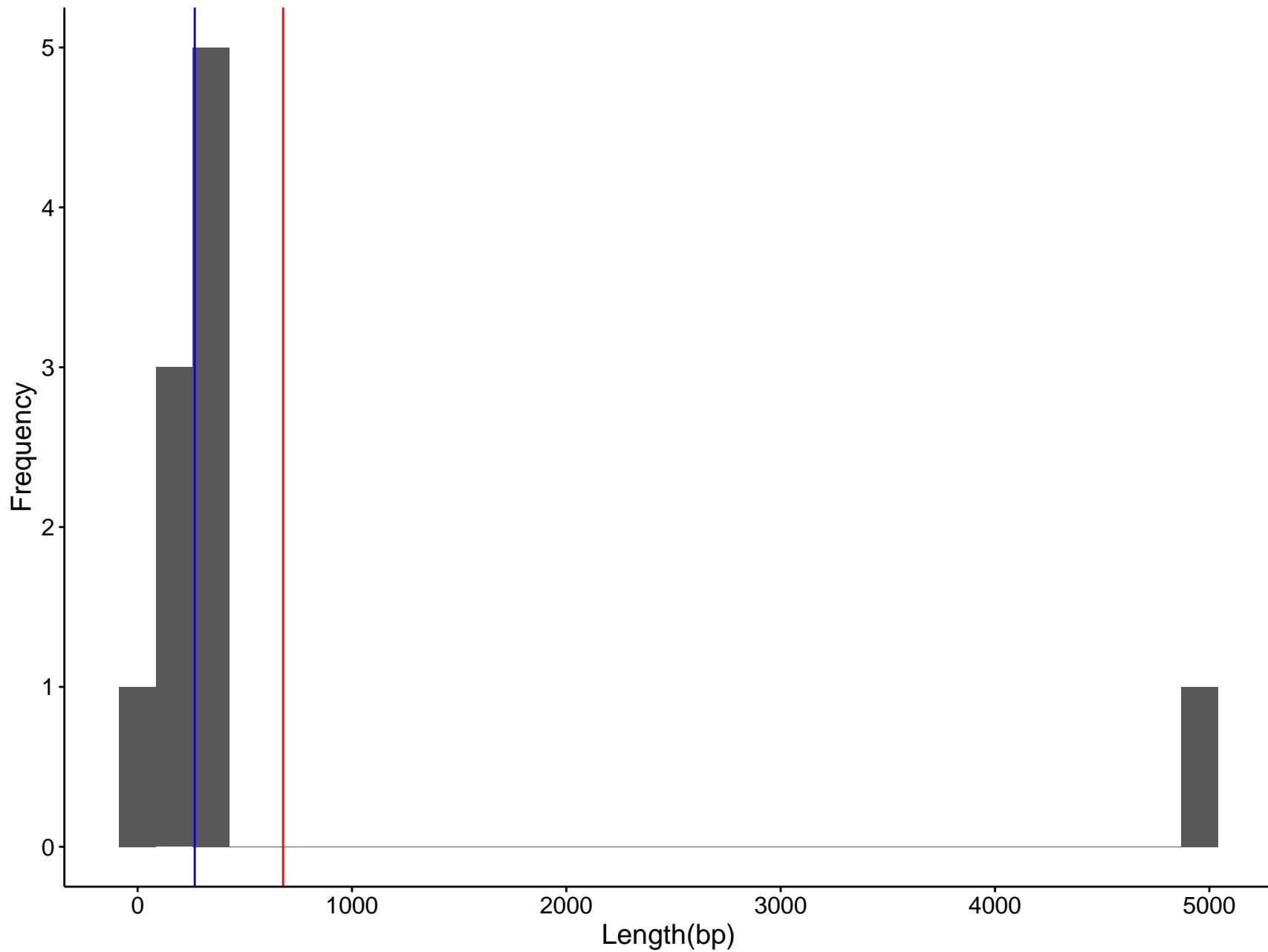
Cluster1911

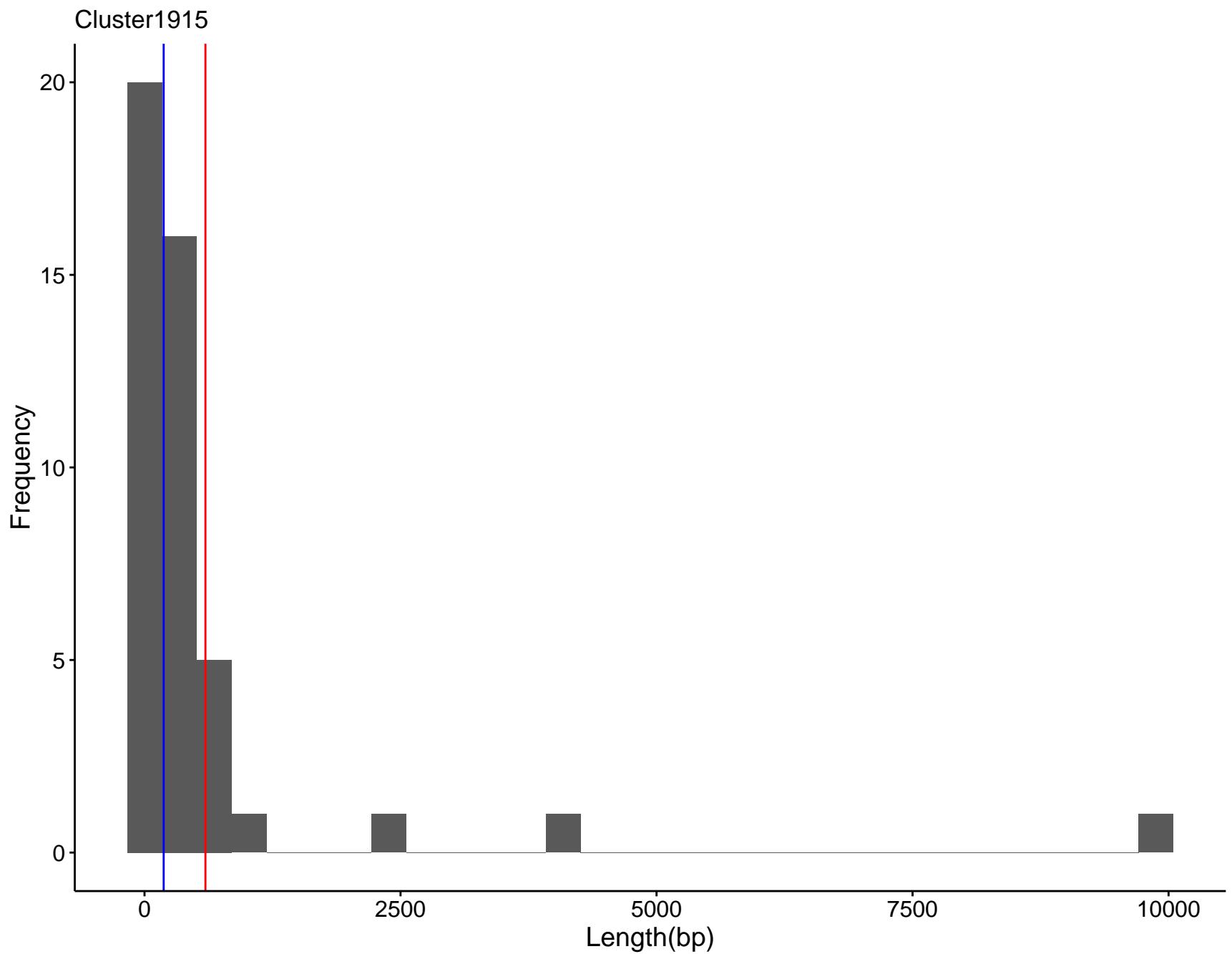


Cluster1913

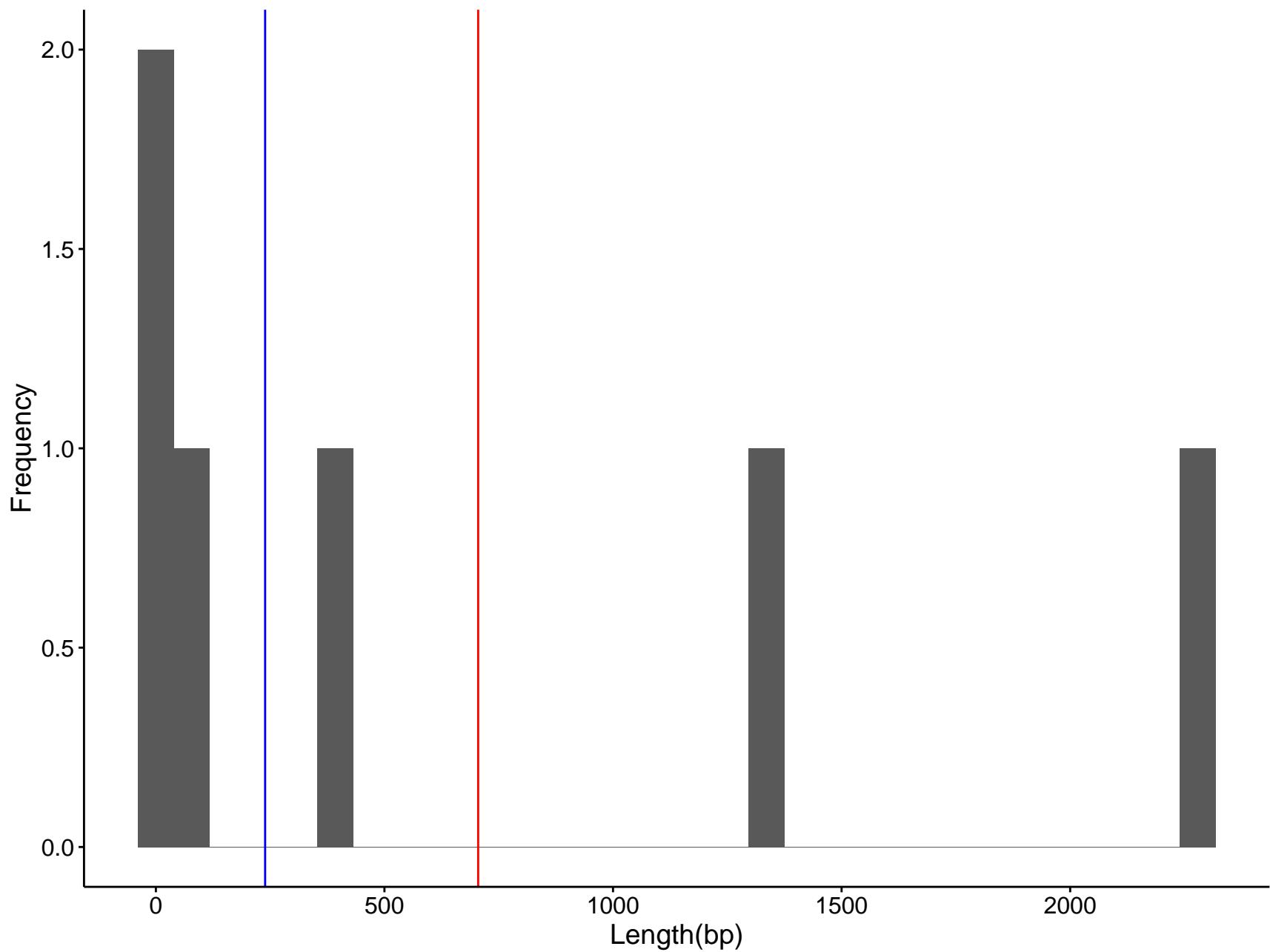


Cluster1914

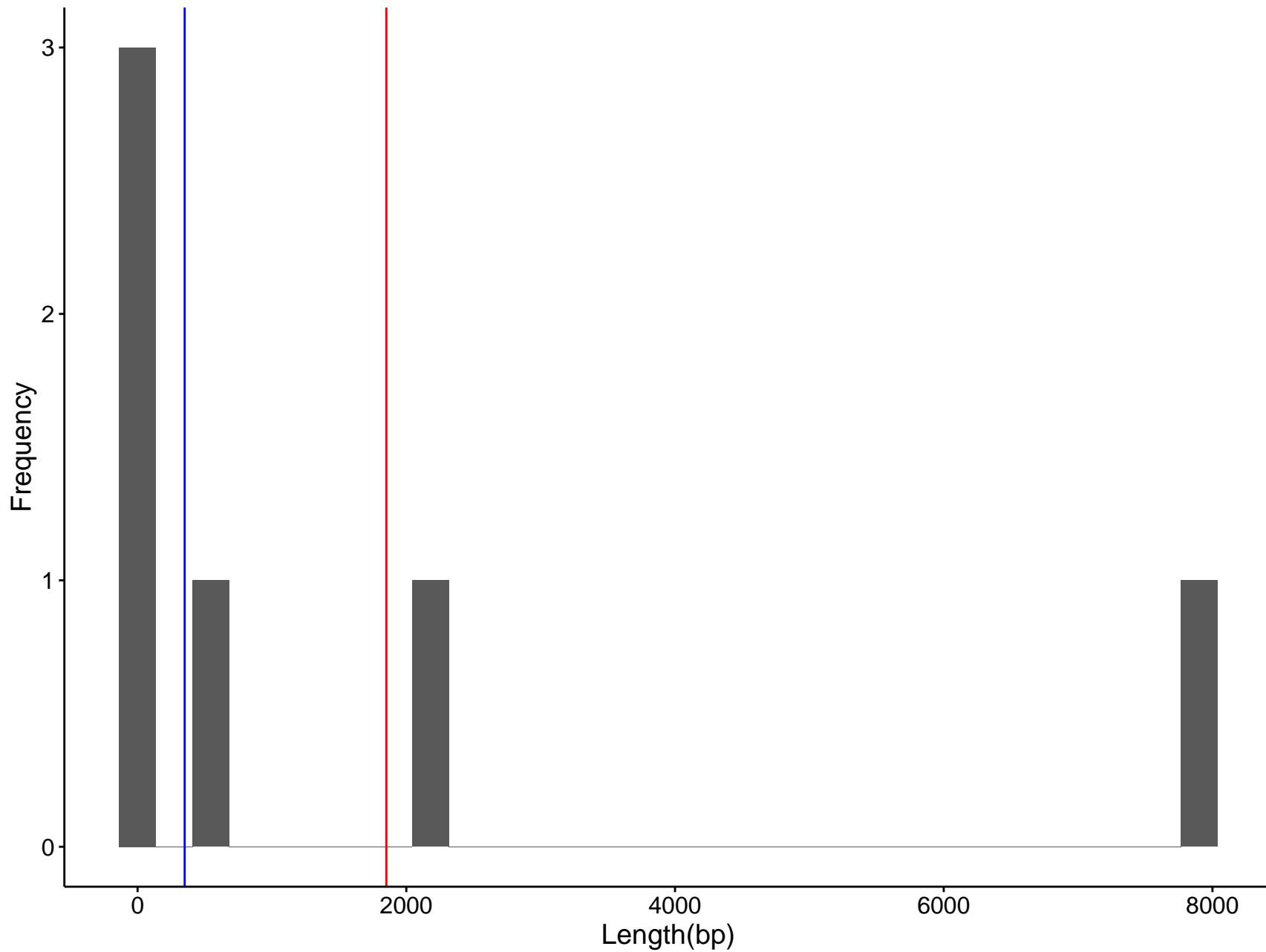




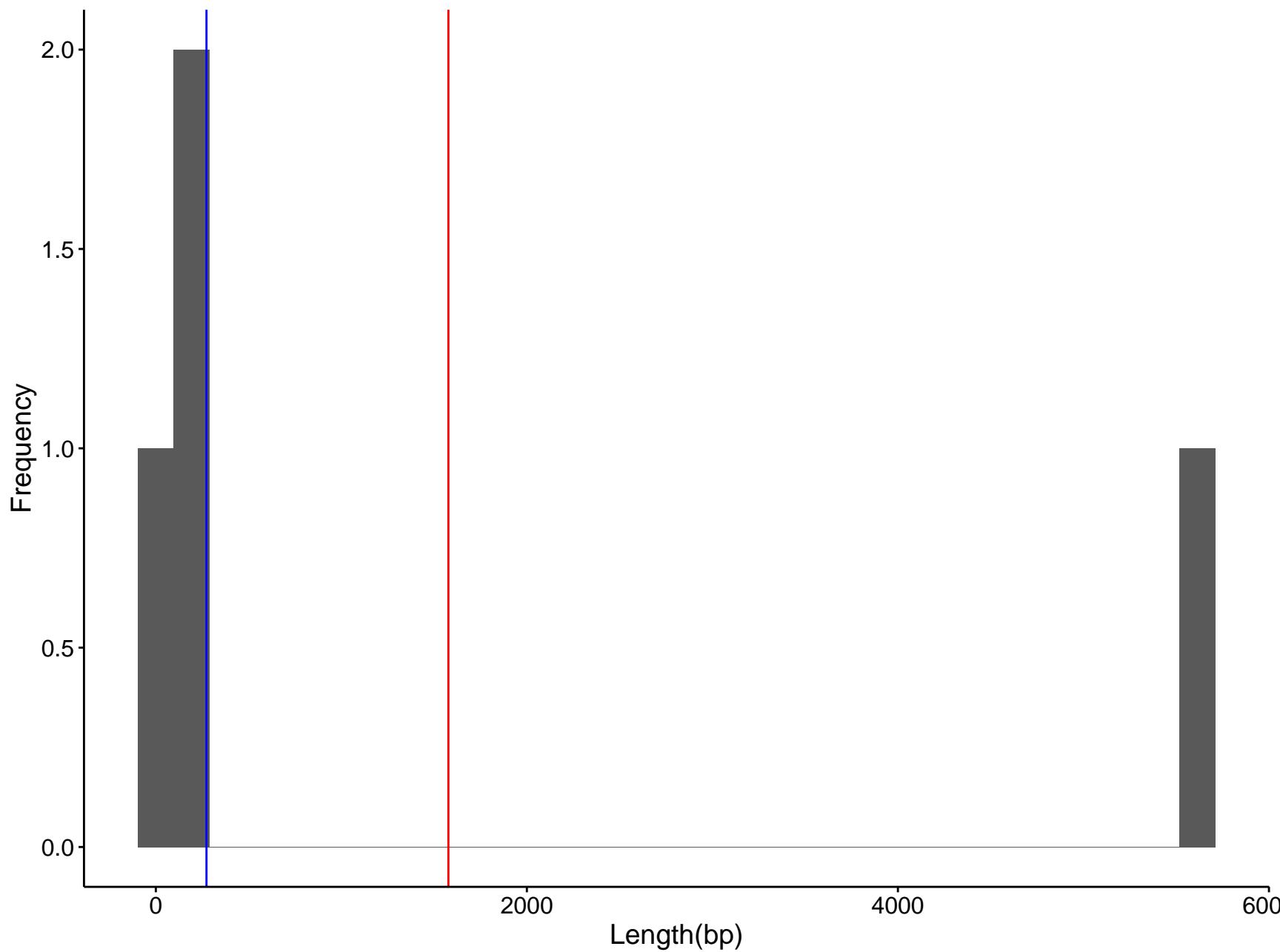
Cluster1916



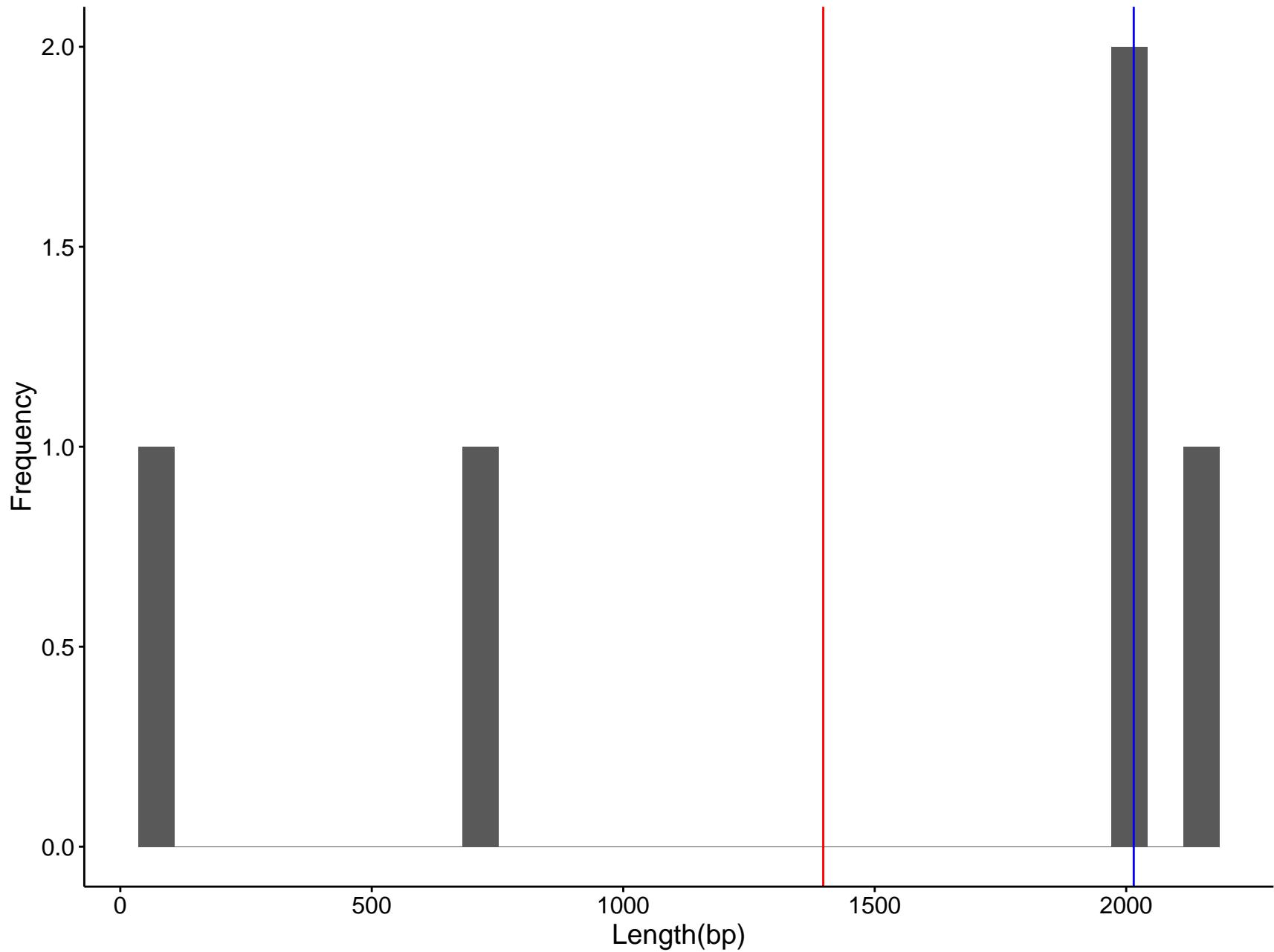
Cluster1917



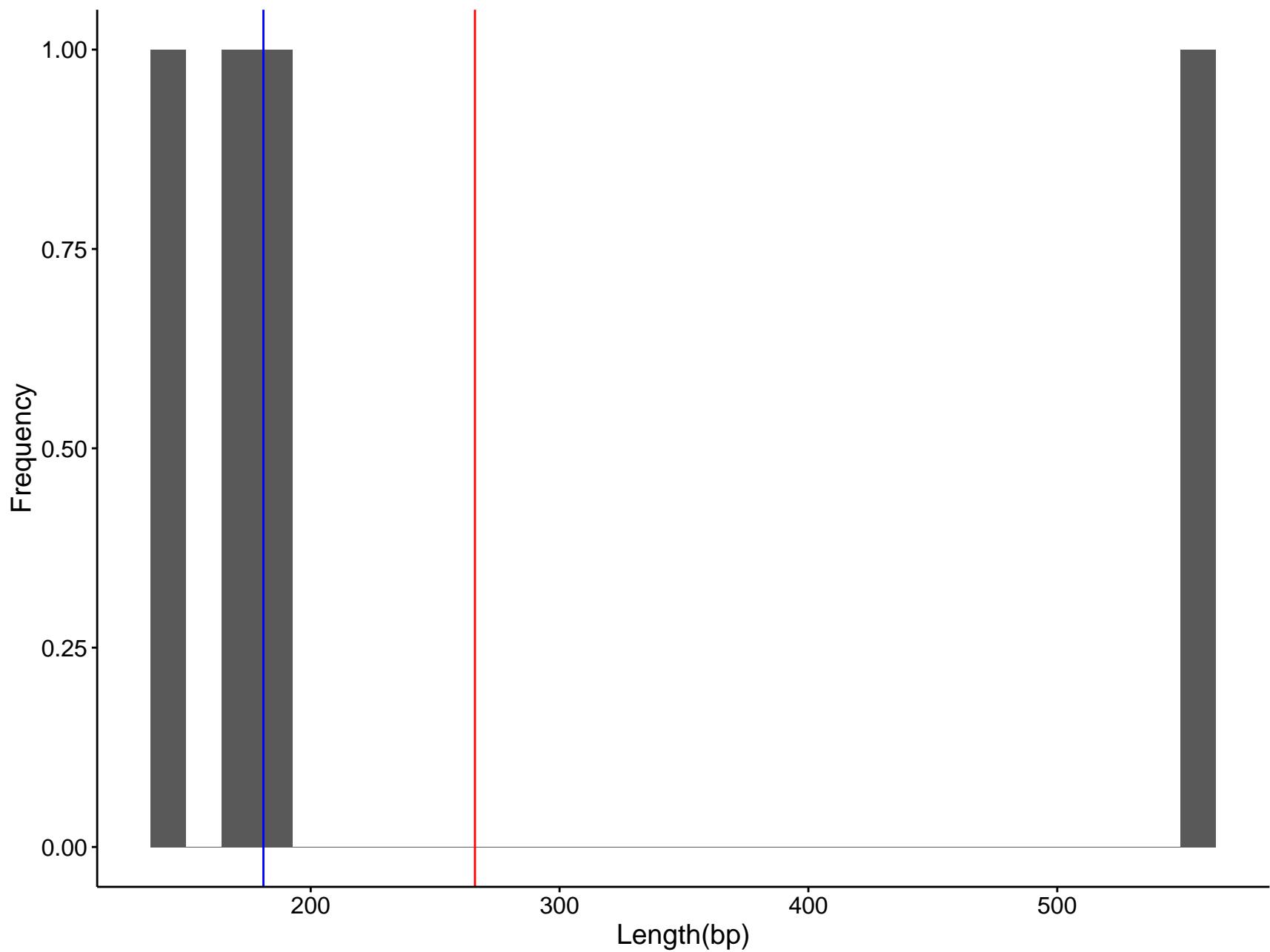
Cluster1918



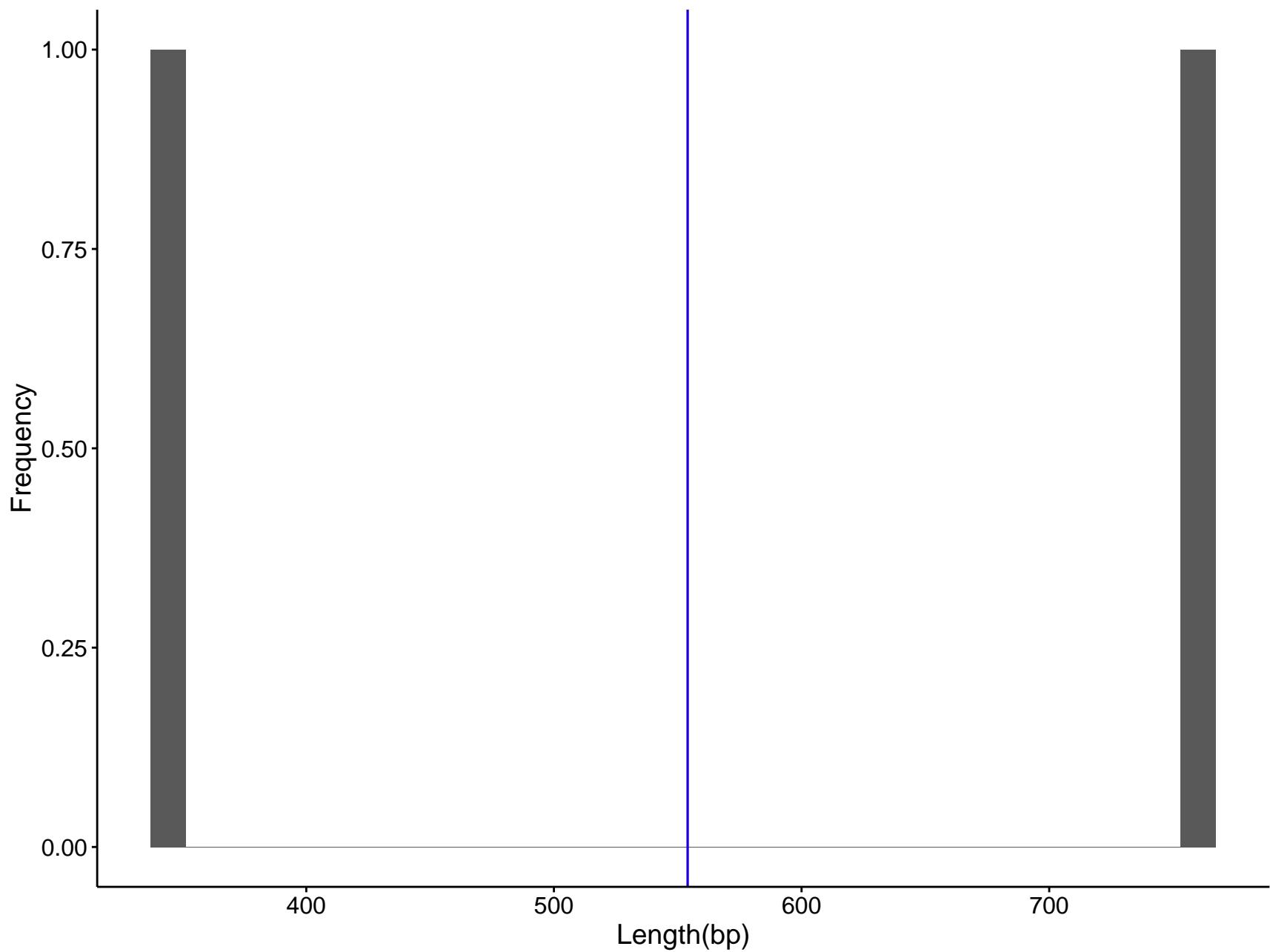
Cluster1919



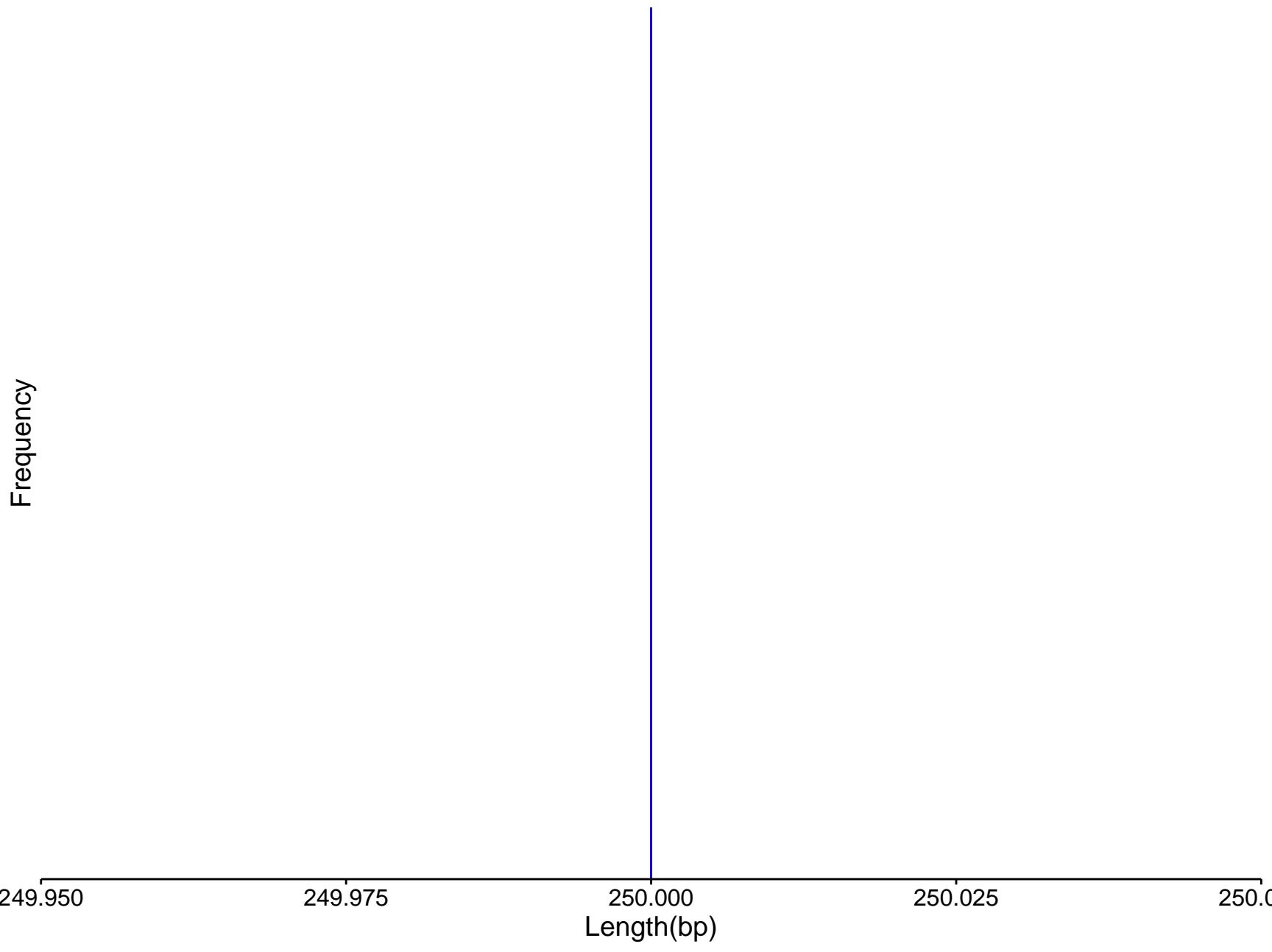
Cluster1921



Cluster1922



Cluster1923



Cluster1926

Frequency

195.950

195.975

196.000

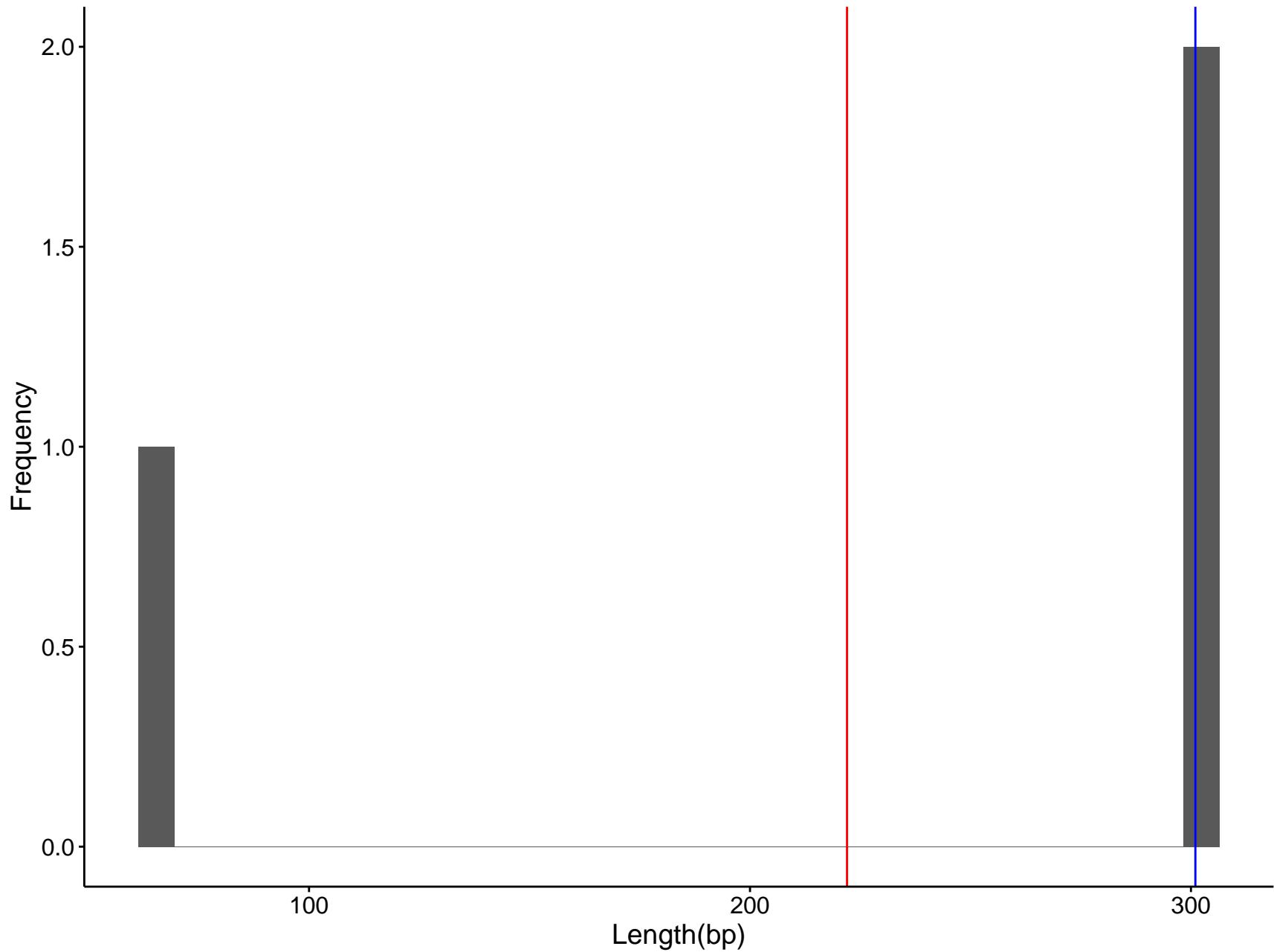
196.025

196.050

Length(bp)



Cluster1928



Cluster1929

Frequency

174.950

174.975

175.000

175.025

175.050

Length(bp)



Cluster192

Frequency

390.950

390.975

391.000

391.025

Length(bp)



Cluster1930

Frequency

104.950

104.975

105.000

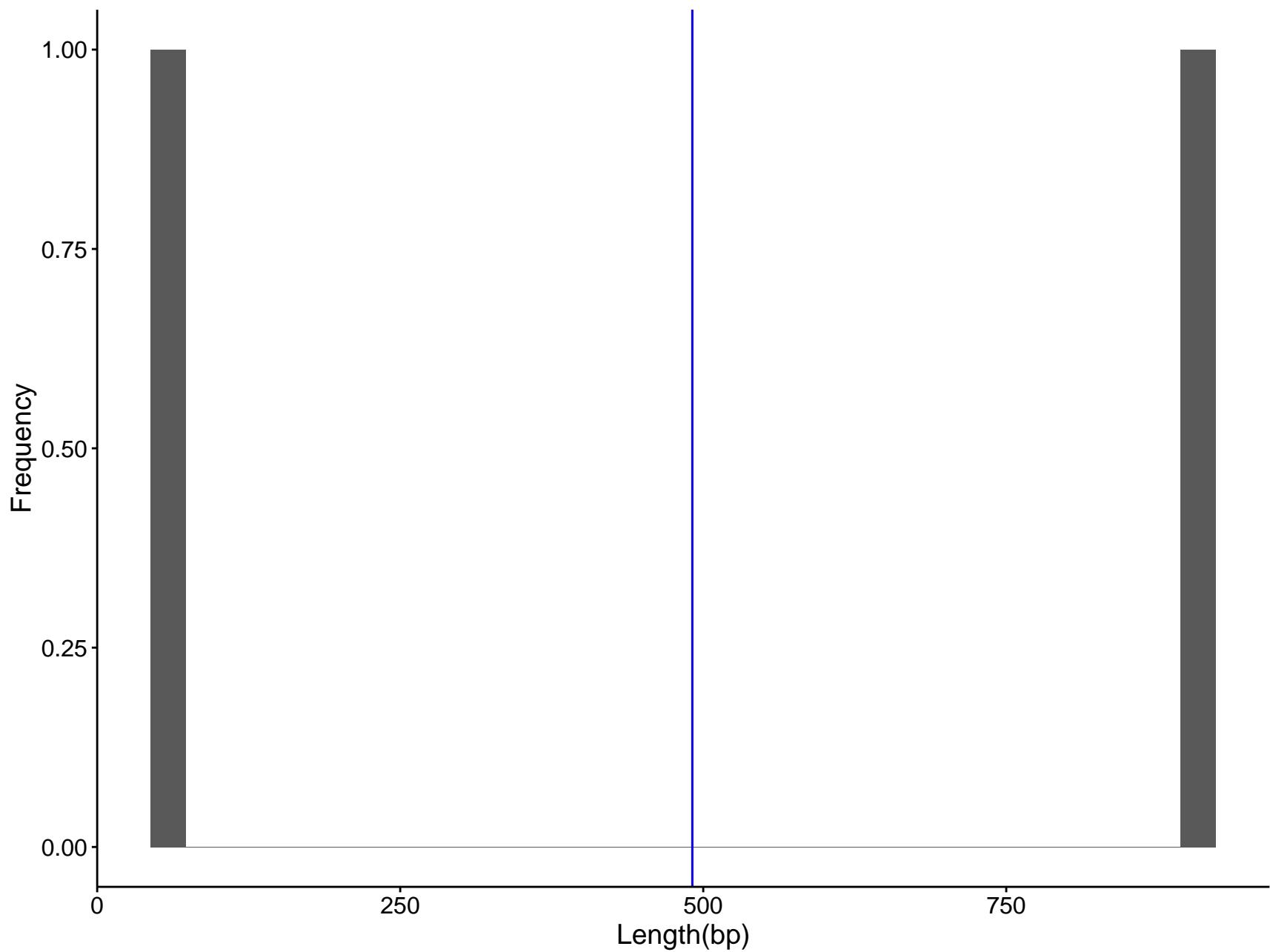
105.025

105.050

Length(bp)



Cluster1932



Cluster1933

Frequency

309.950

309.975

310.000

310.025

Length(bp)



Cluster1937

Frequency

262.950

262.975

263.000

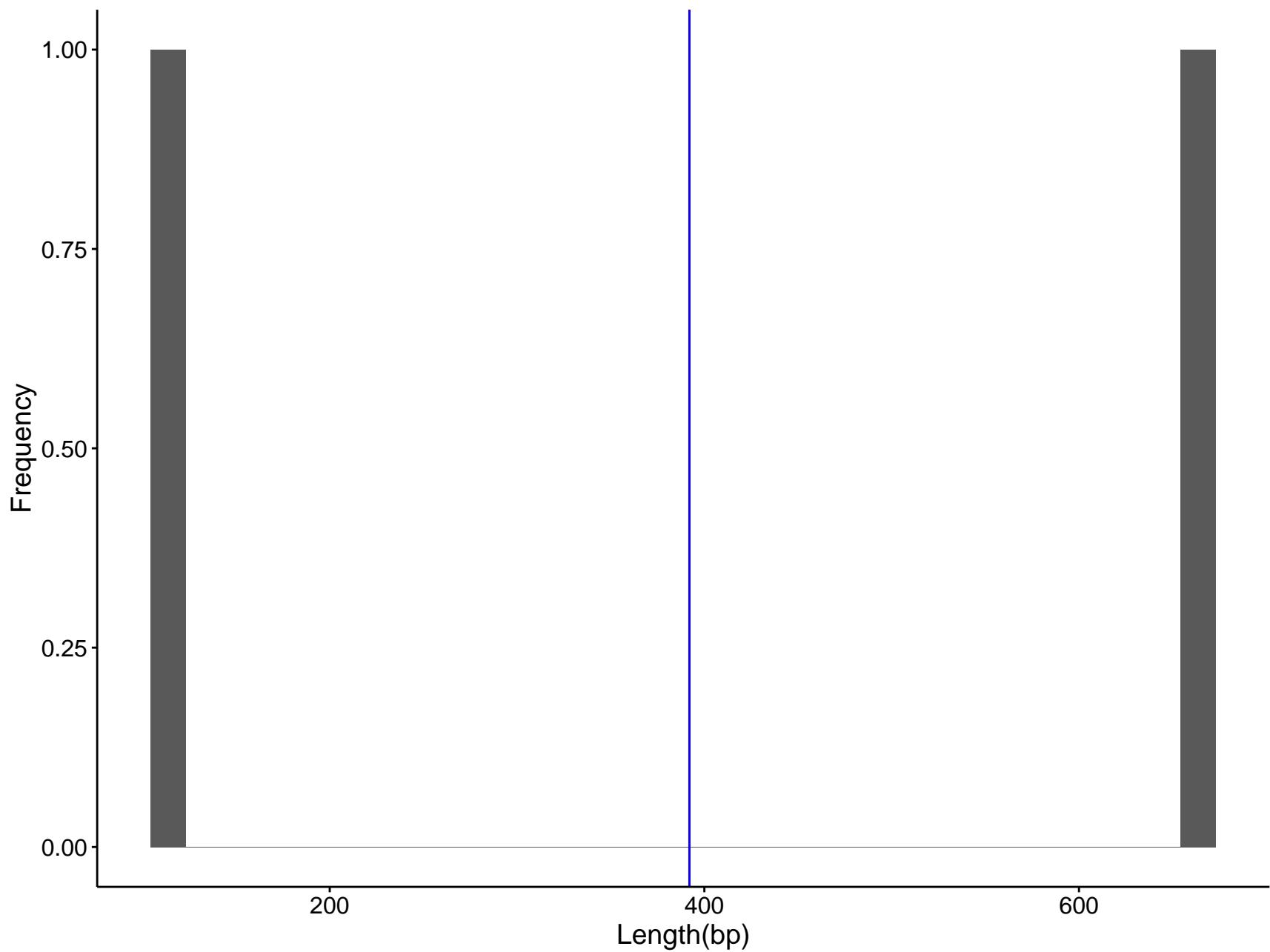
263.025

263.0

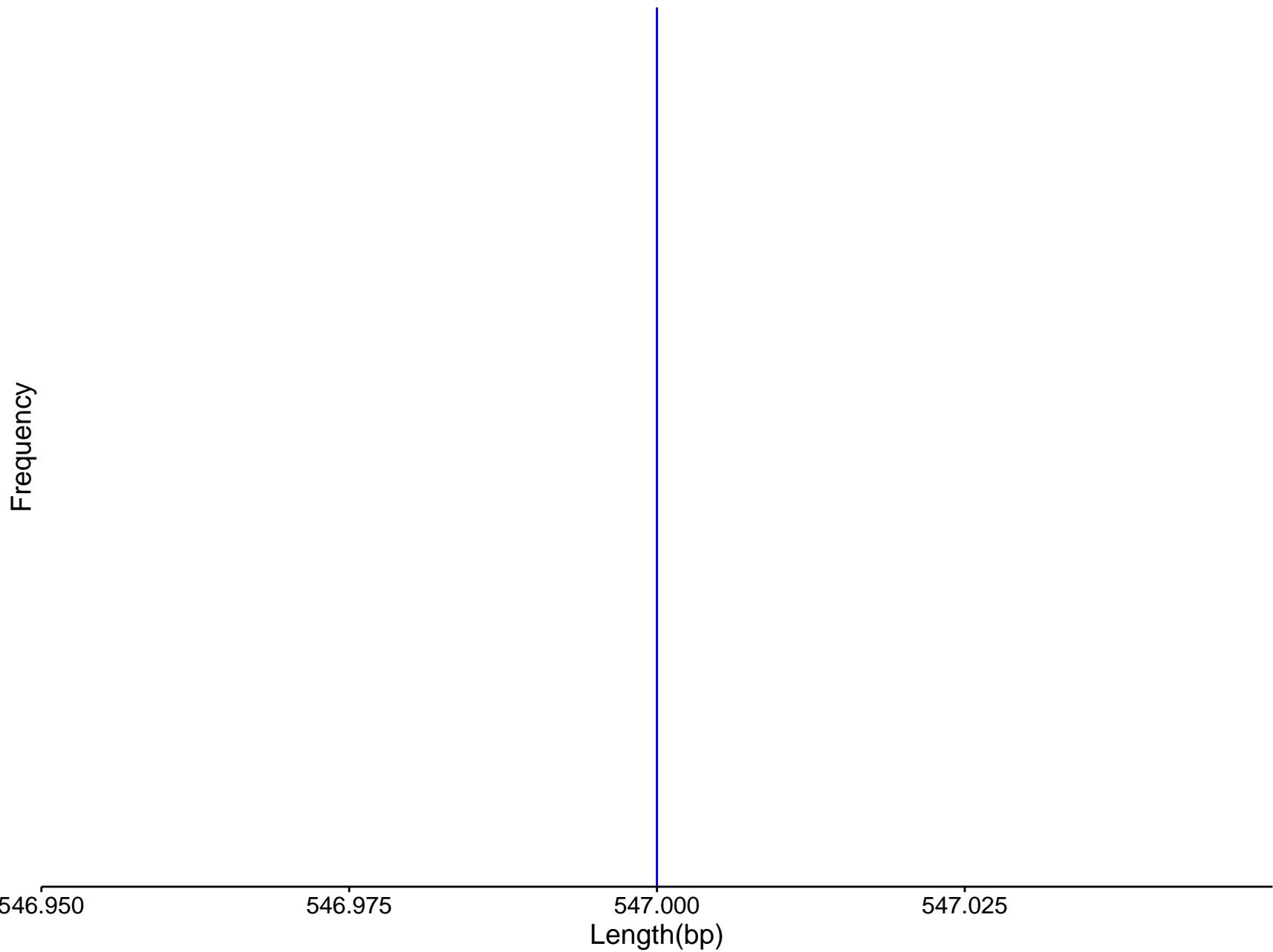
Length(bp)



Cluster1939



Cluster193



Cluster1940

Frequency

899.950

899.975

900.000

900.025

Length(bp)



Cluster1941

Frequency

1703.950

1703.975

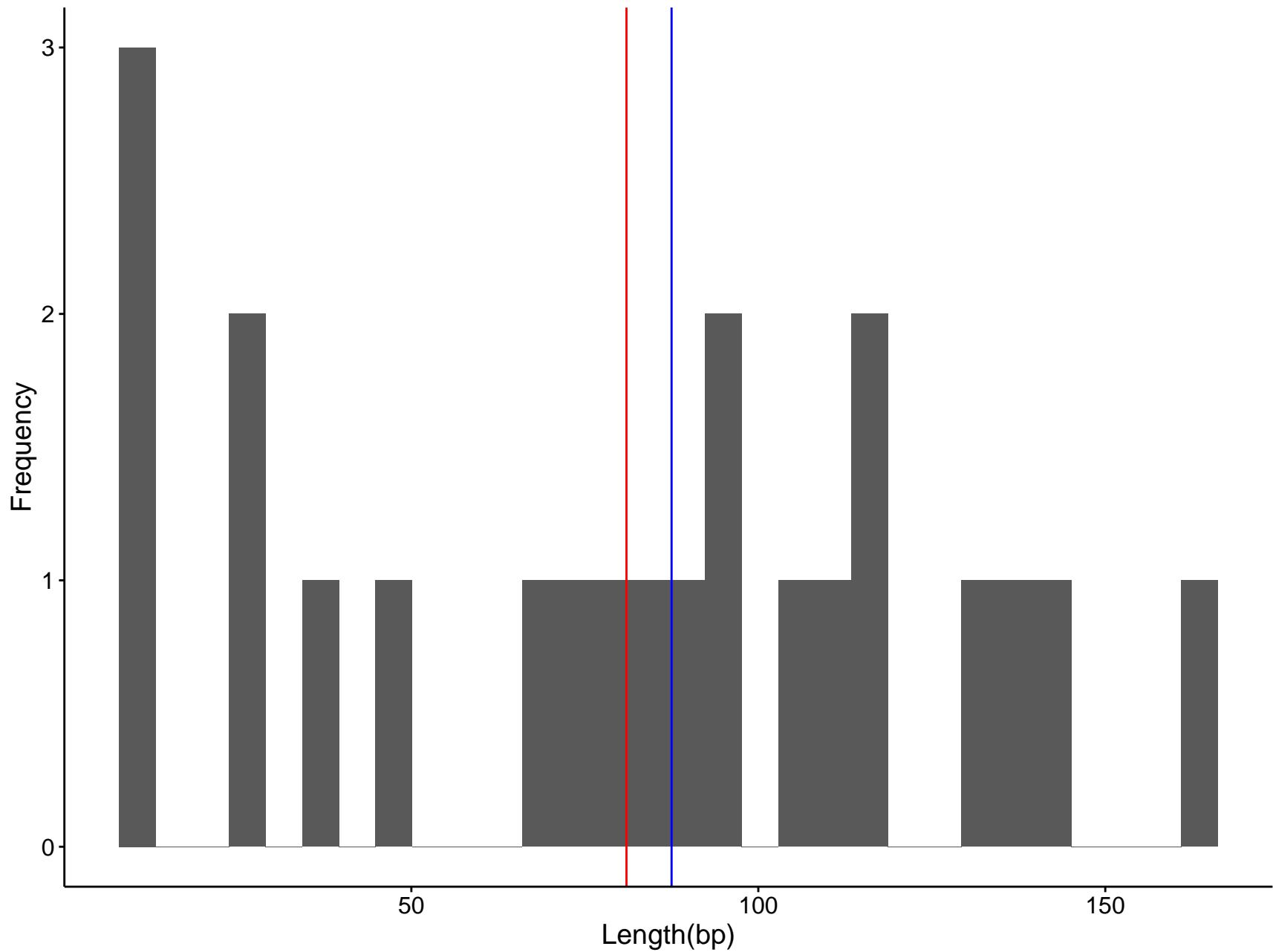
1704.000
Length(bp)

1704.025

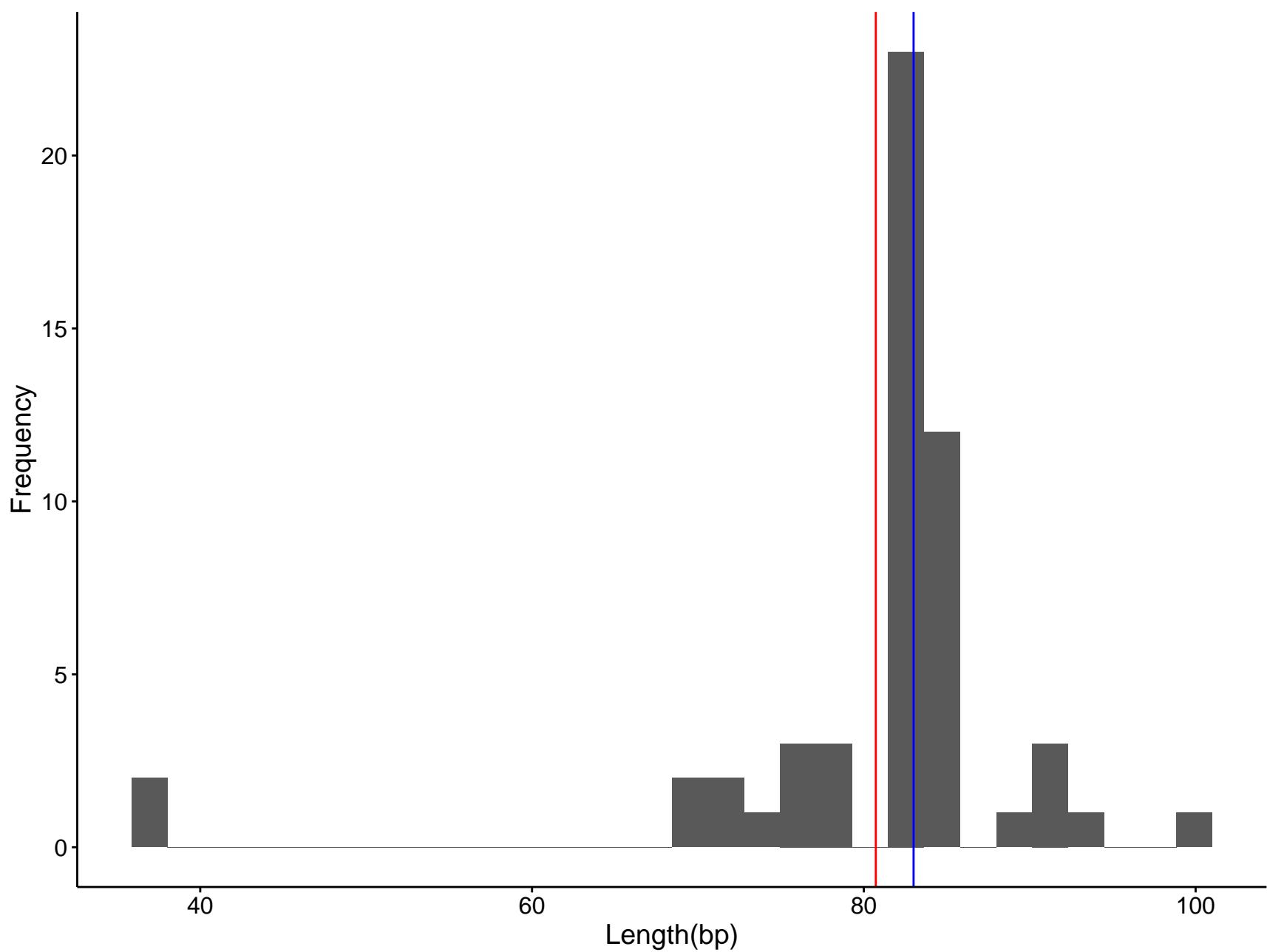
1704.



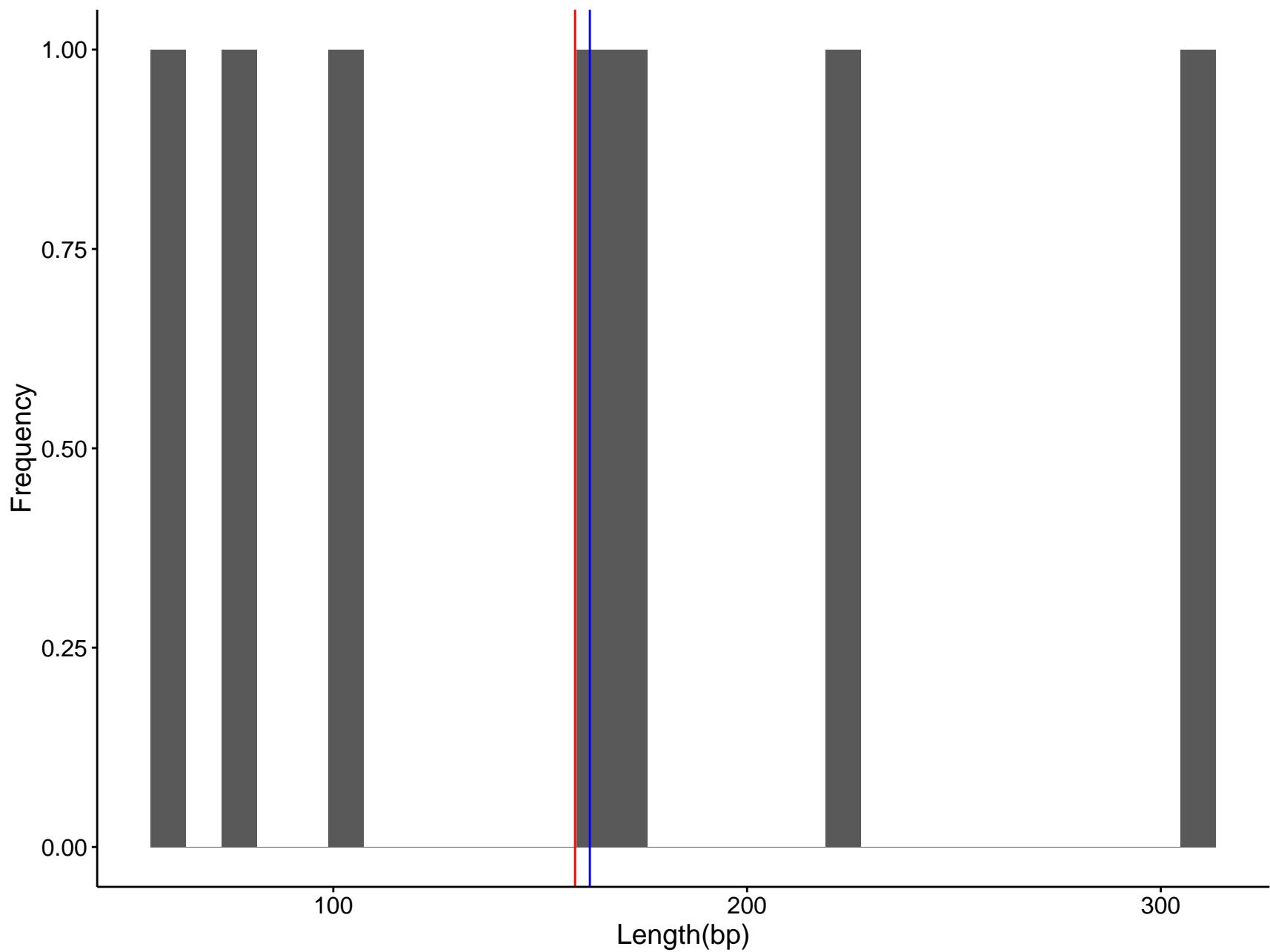
Cluster1946



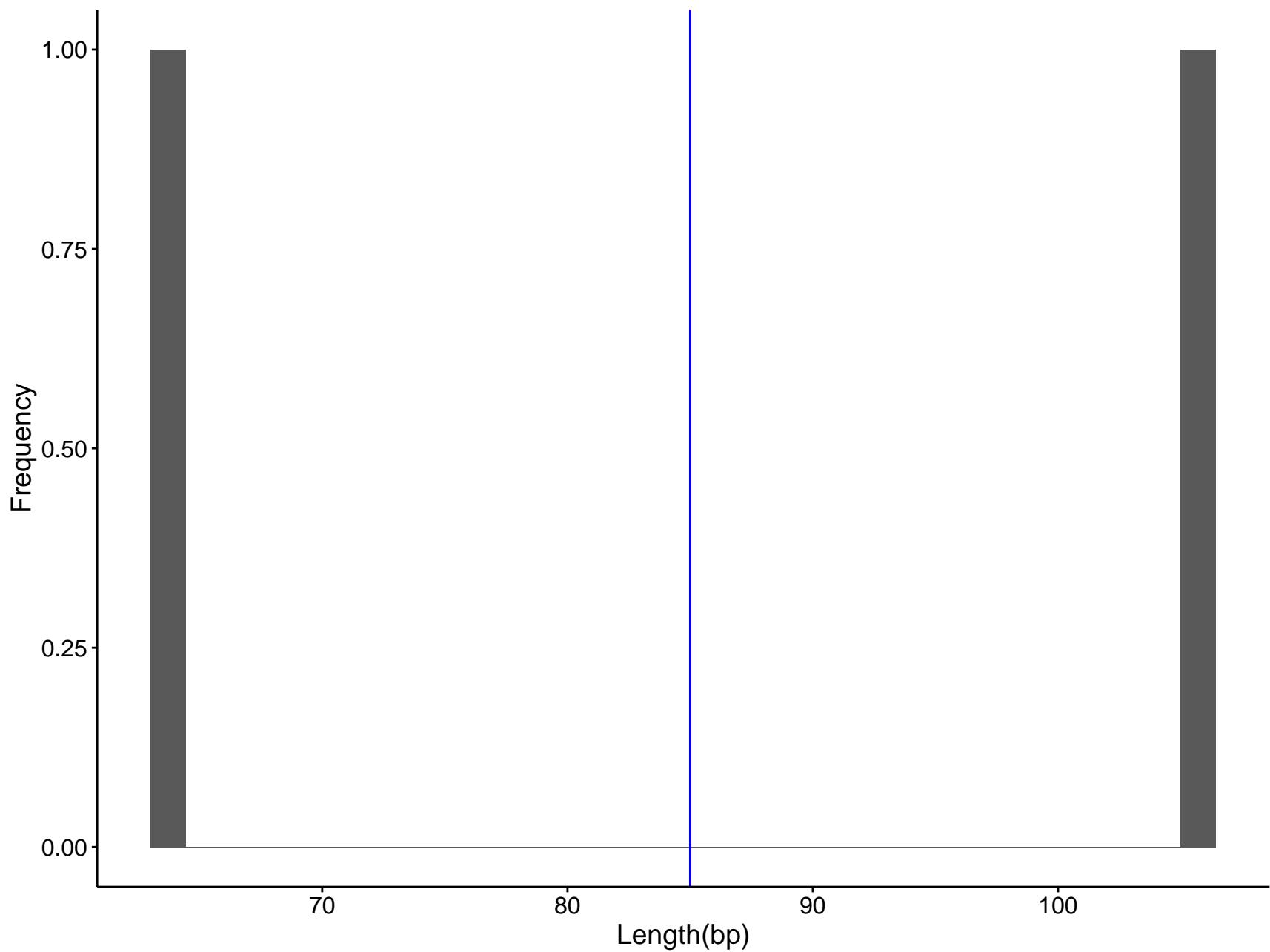
Cluster1948



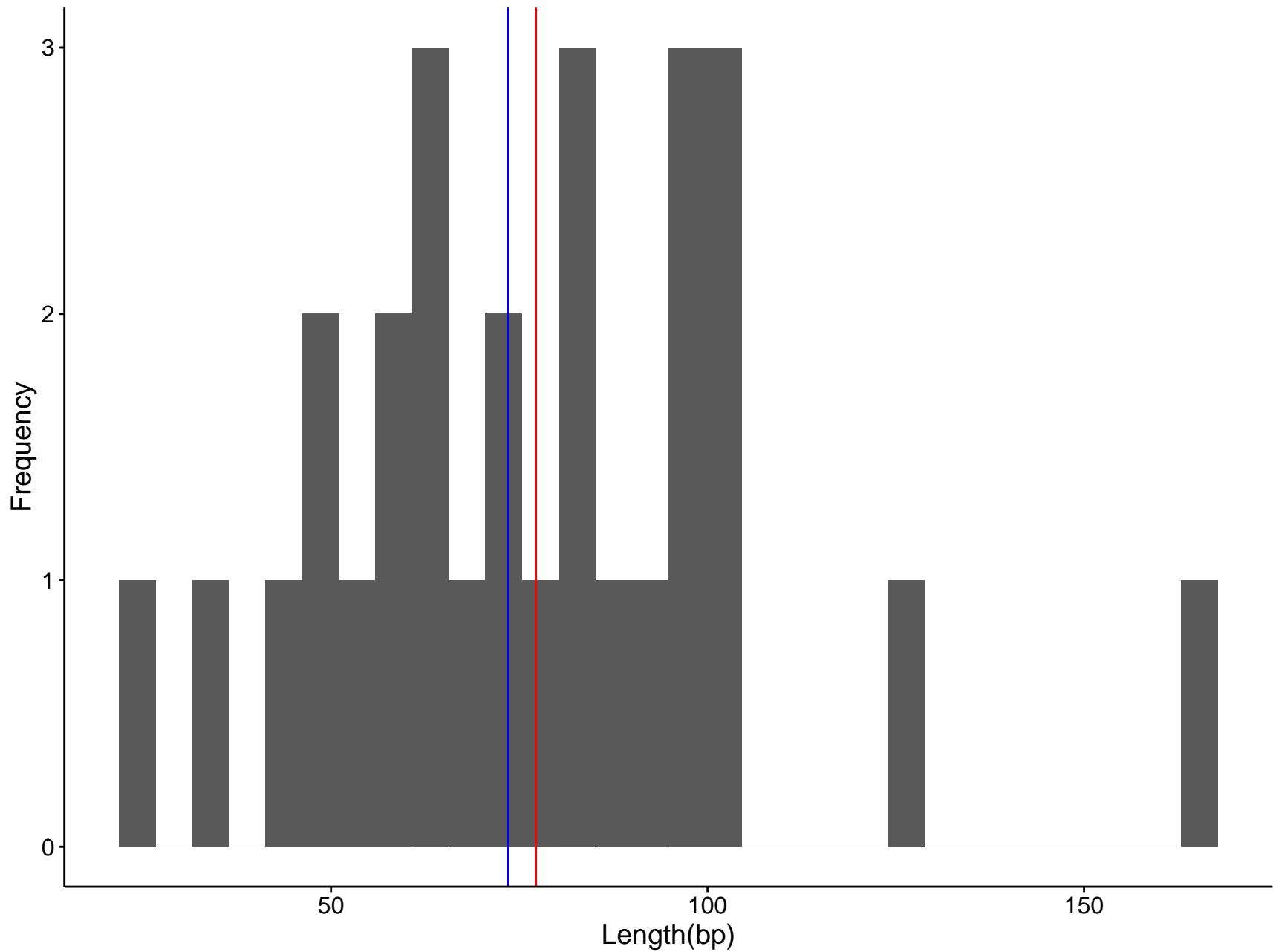
Cluster1949



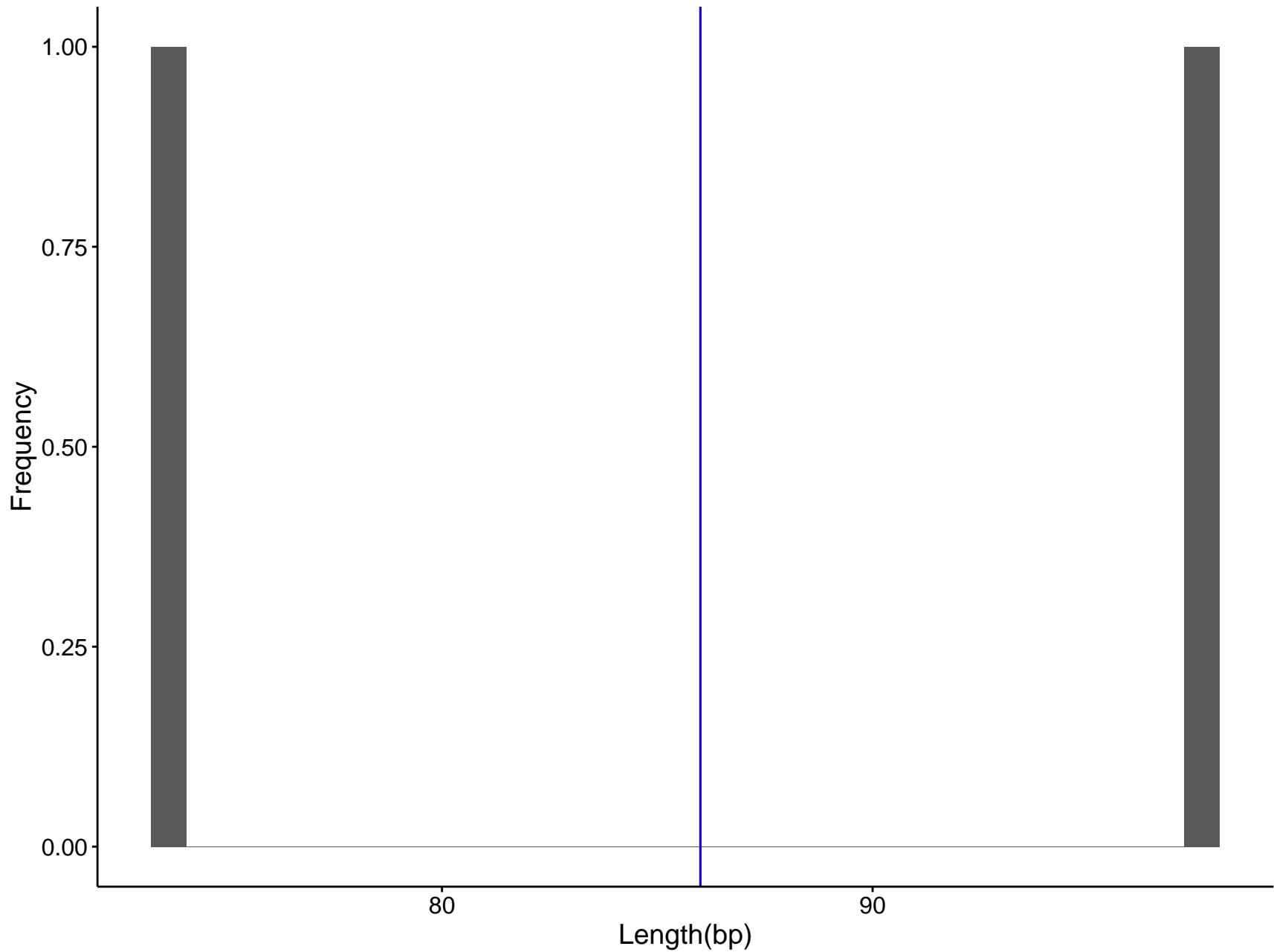
Cluster1952



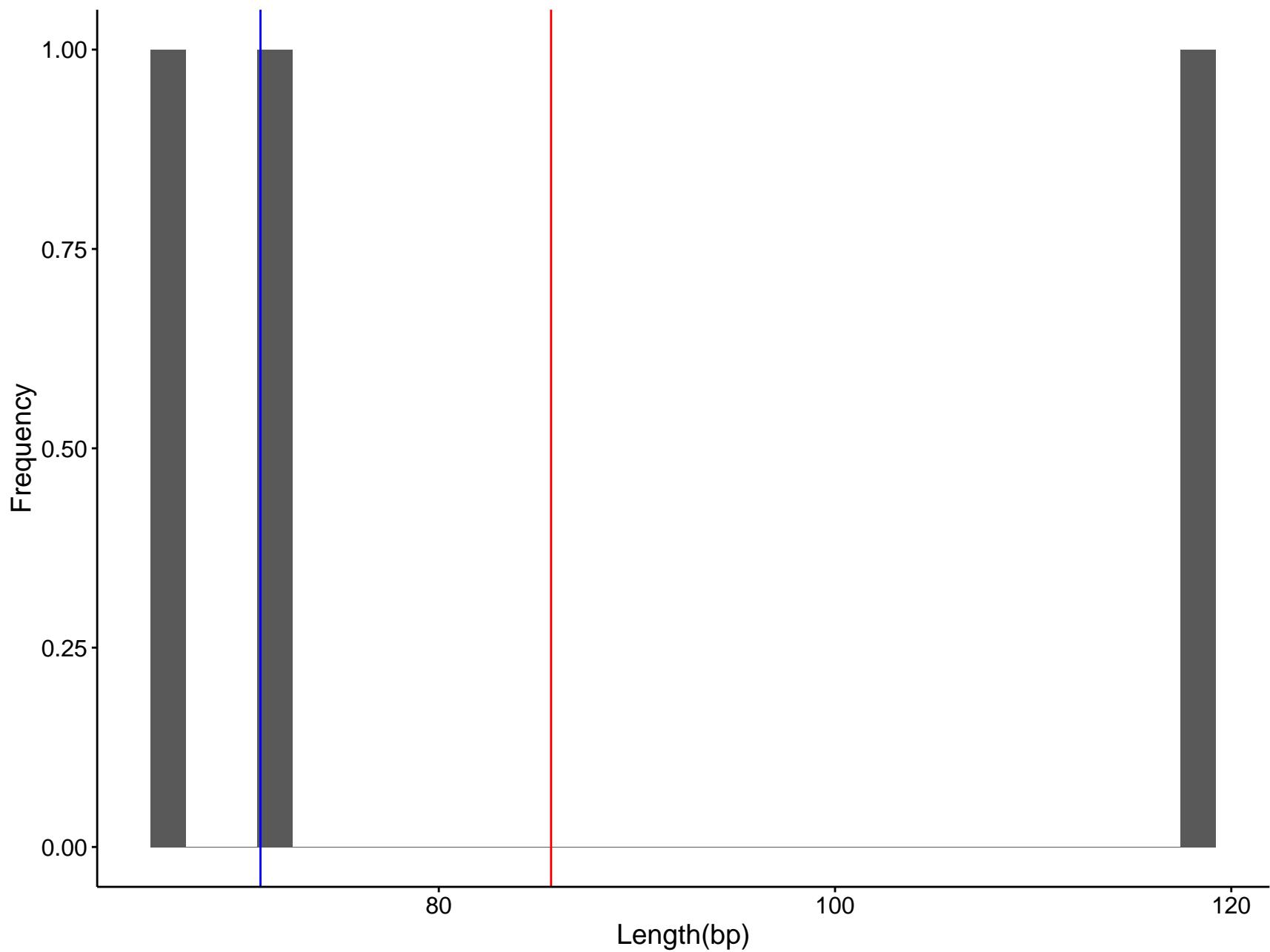
Cluster1955



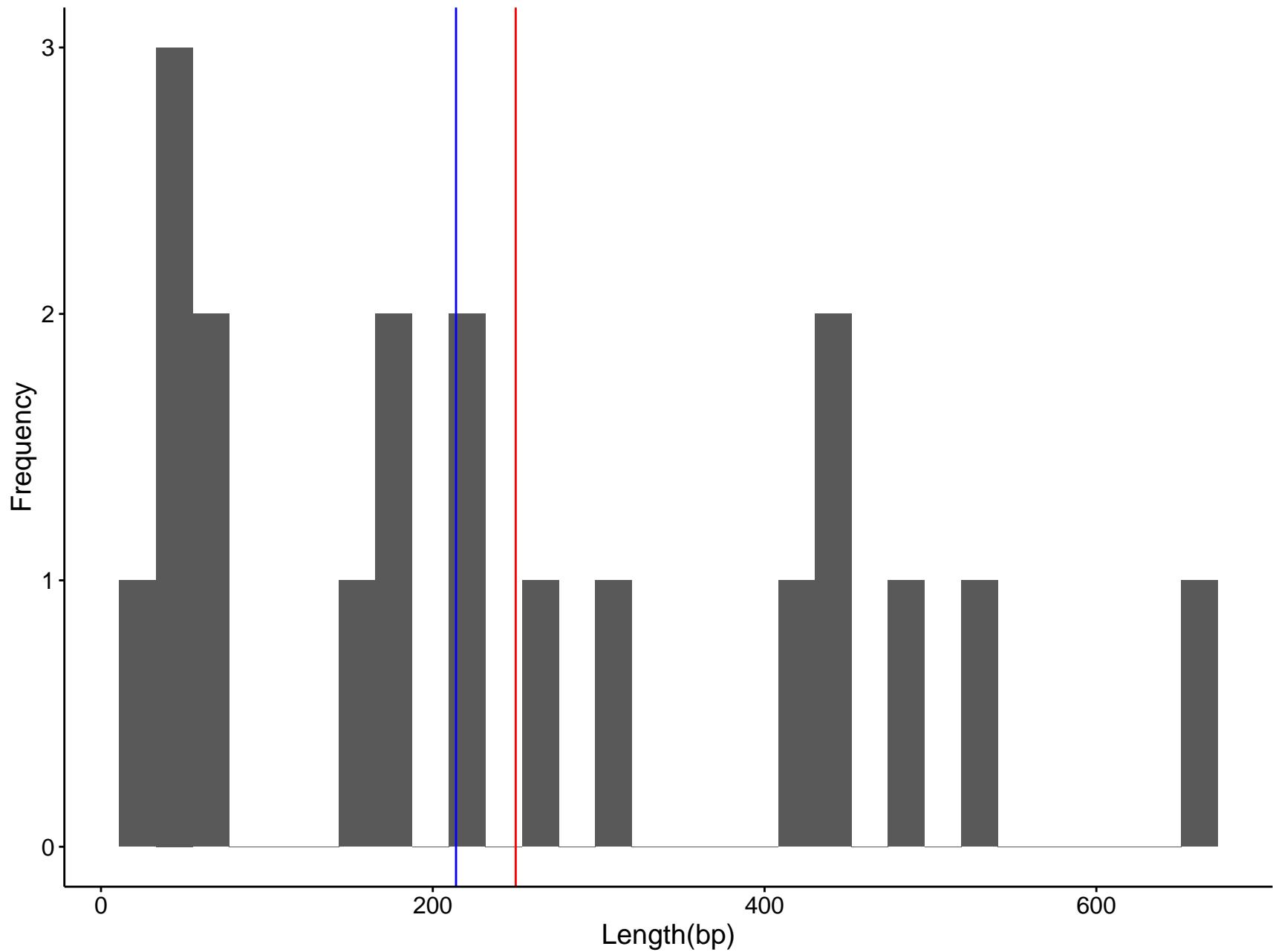
Cluster1956



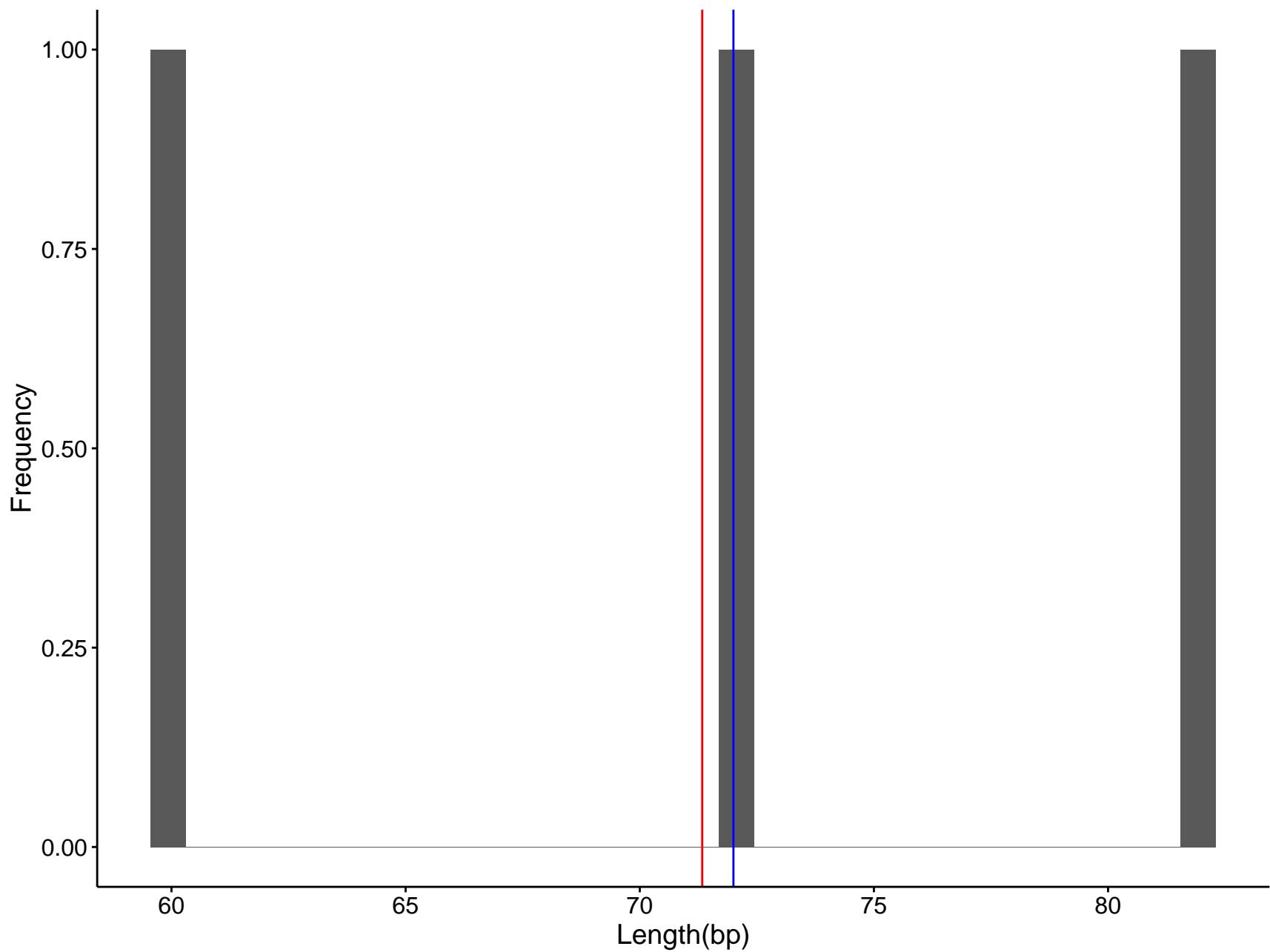
Cluster1959



Cluster1960



Cluster1961



Cluster1962

Frequency

90.950

90.975

91.000

91.025

91.0

Length(bp)



Cluster1964

Frequency

43.950

43.975

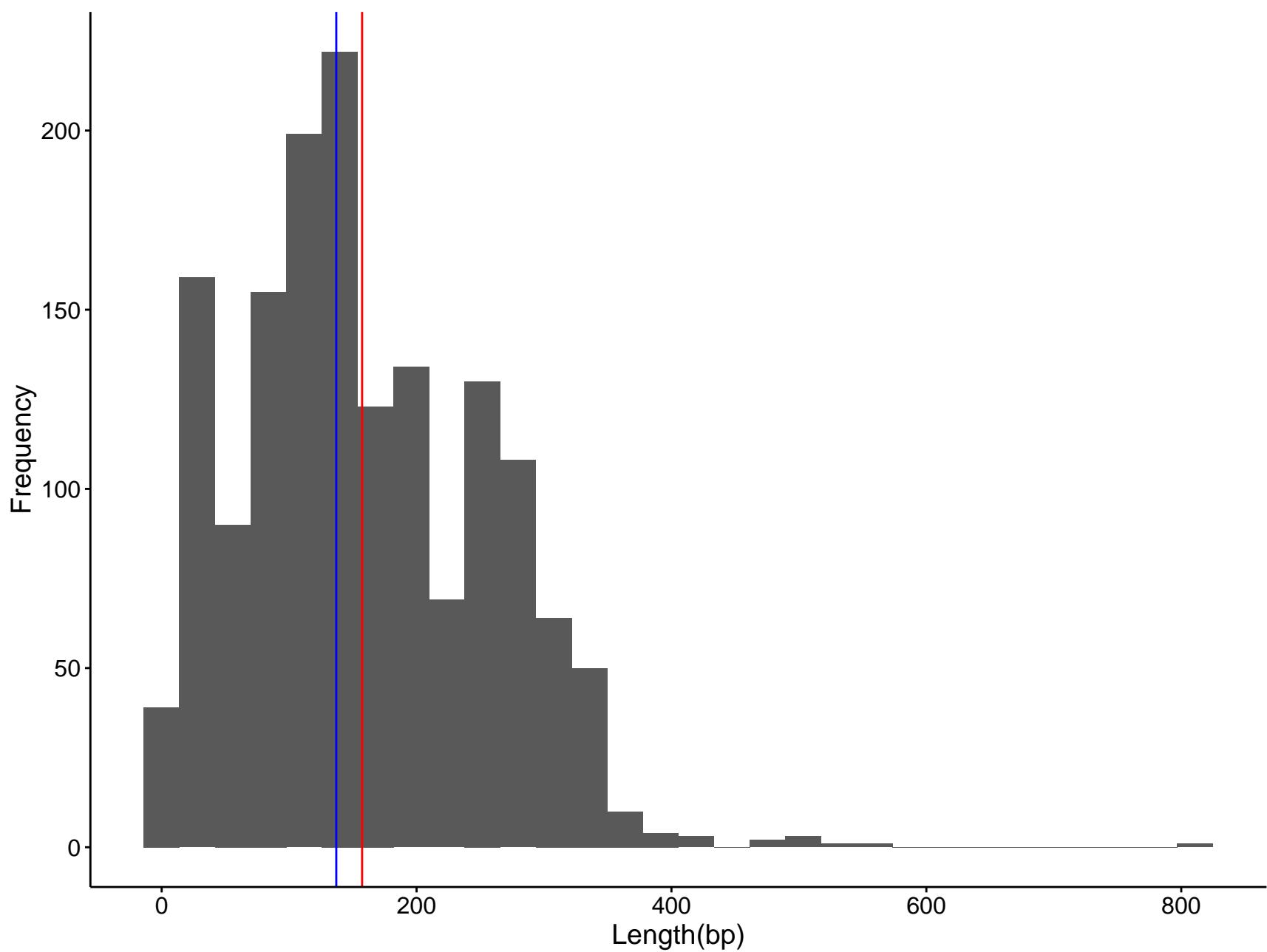
44.000

44.025

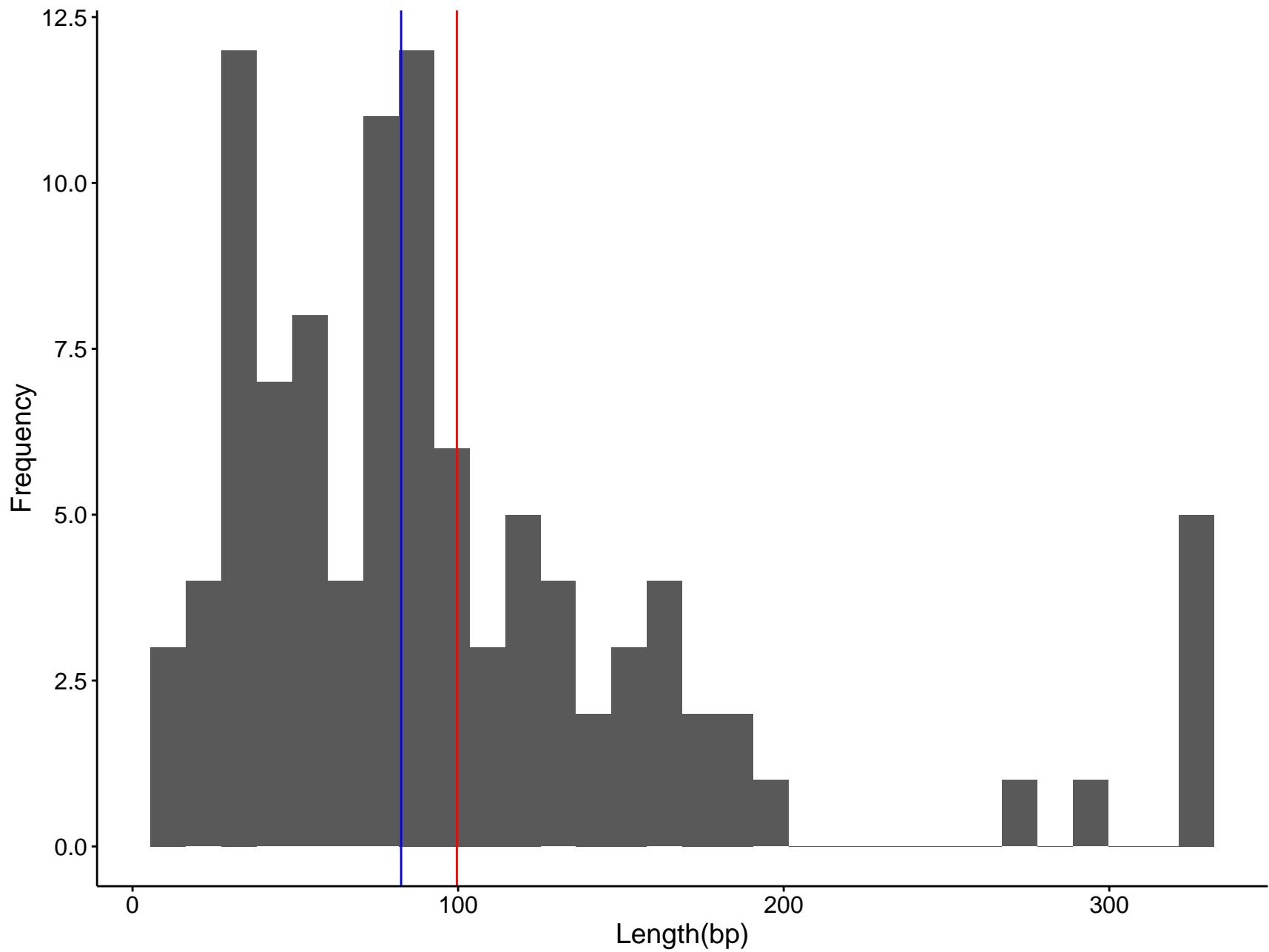
Length(bp)



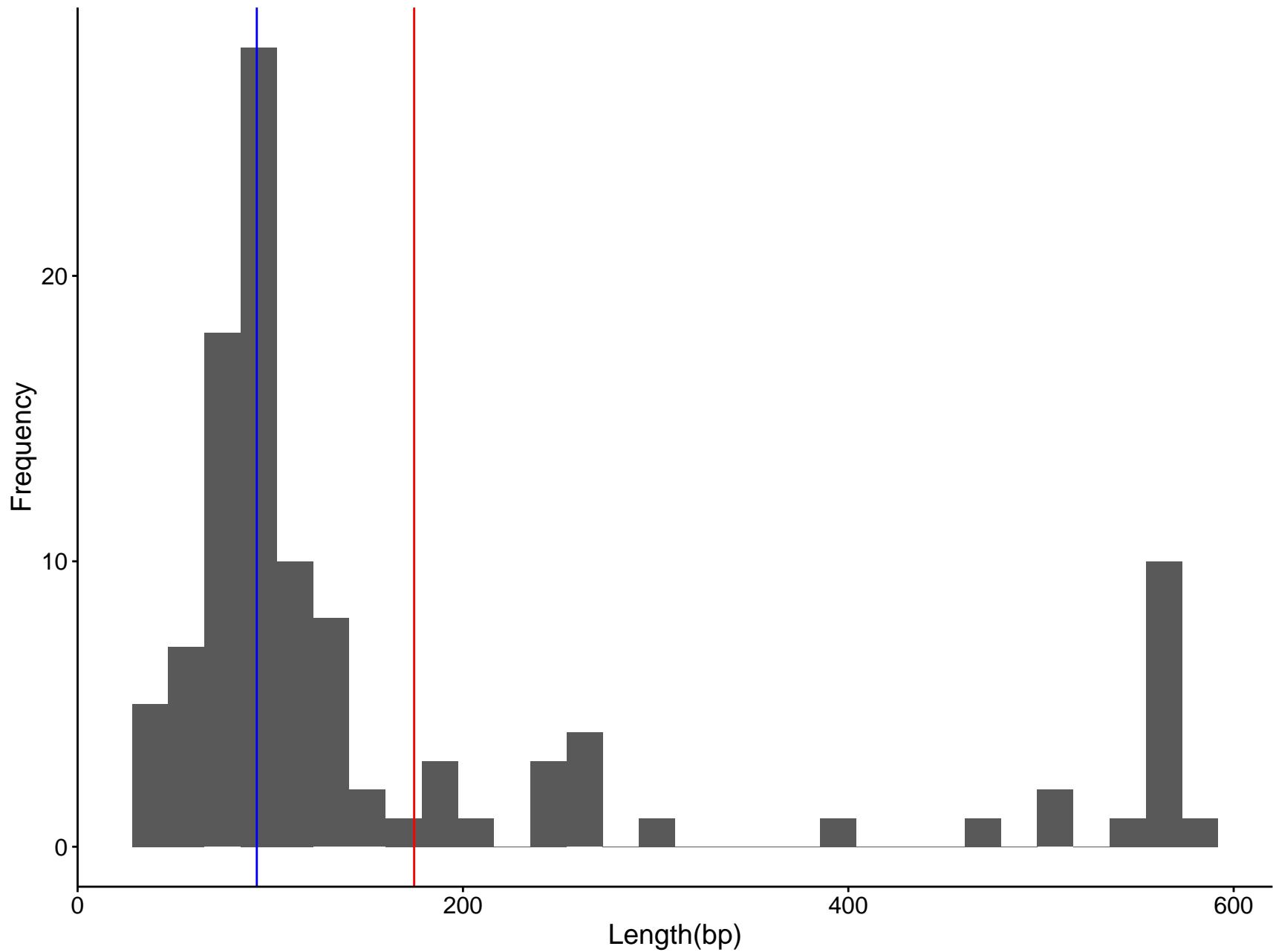
Cluster1967



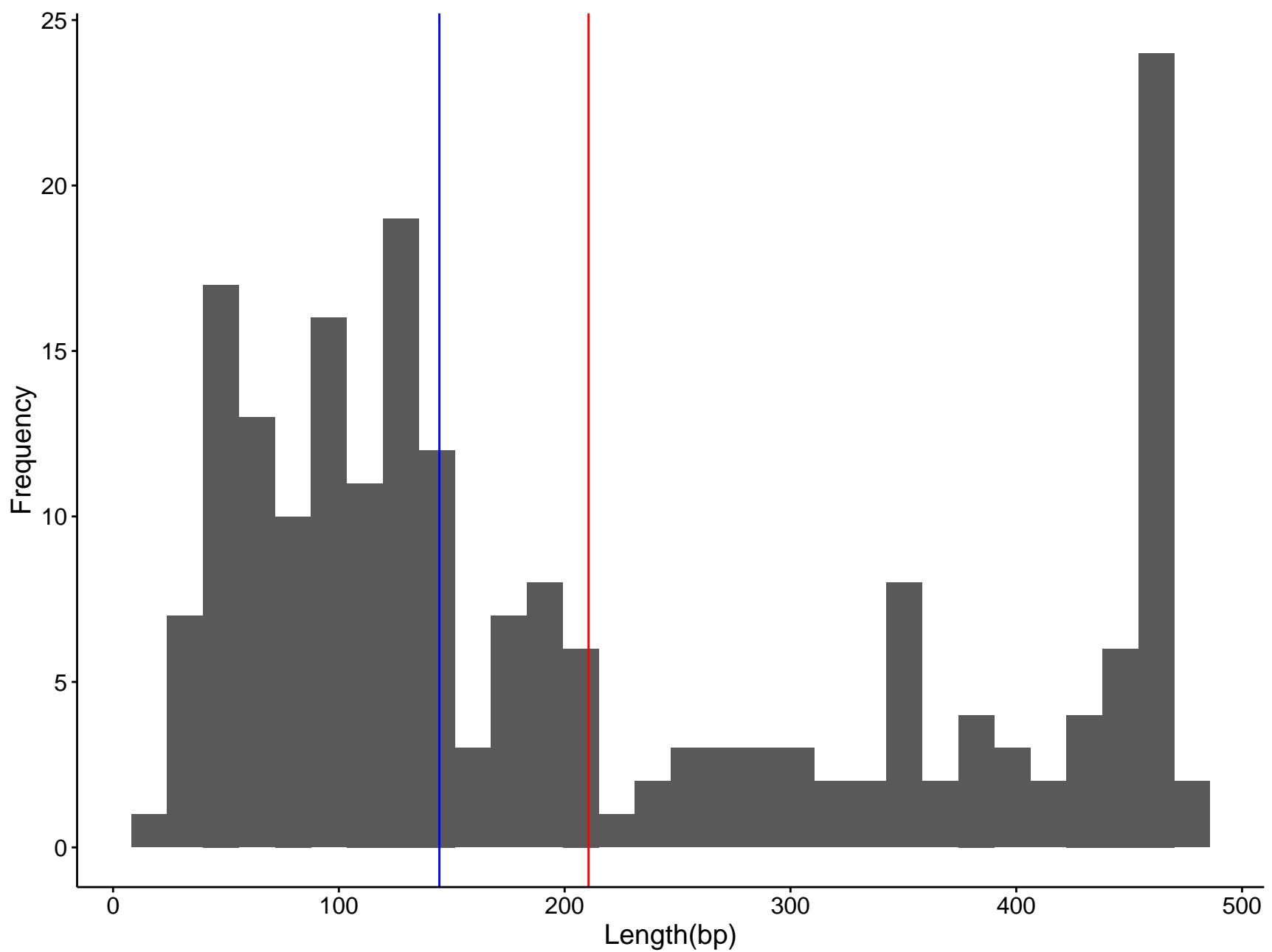
Cluster1972



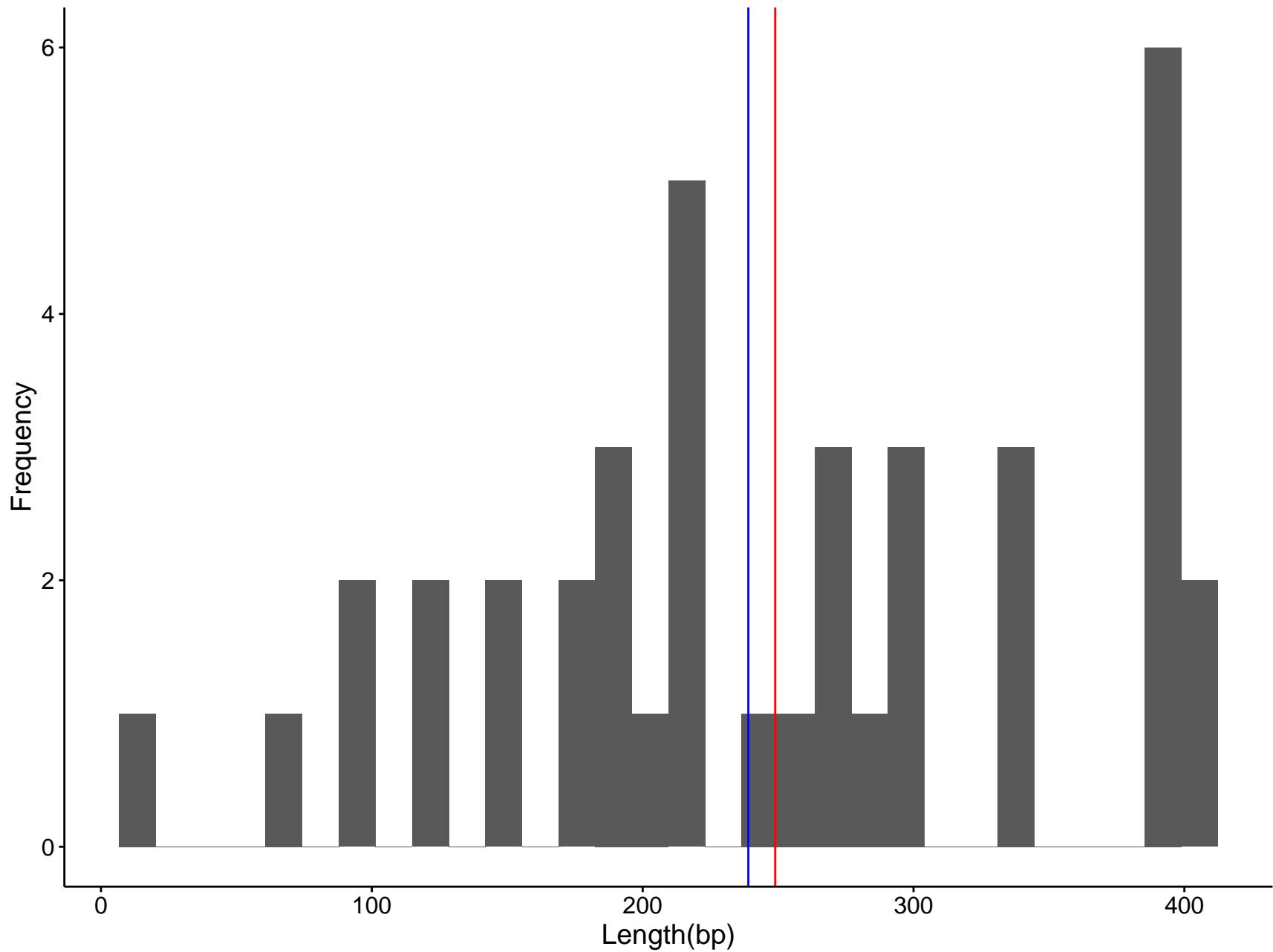
Cluster1973



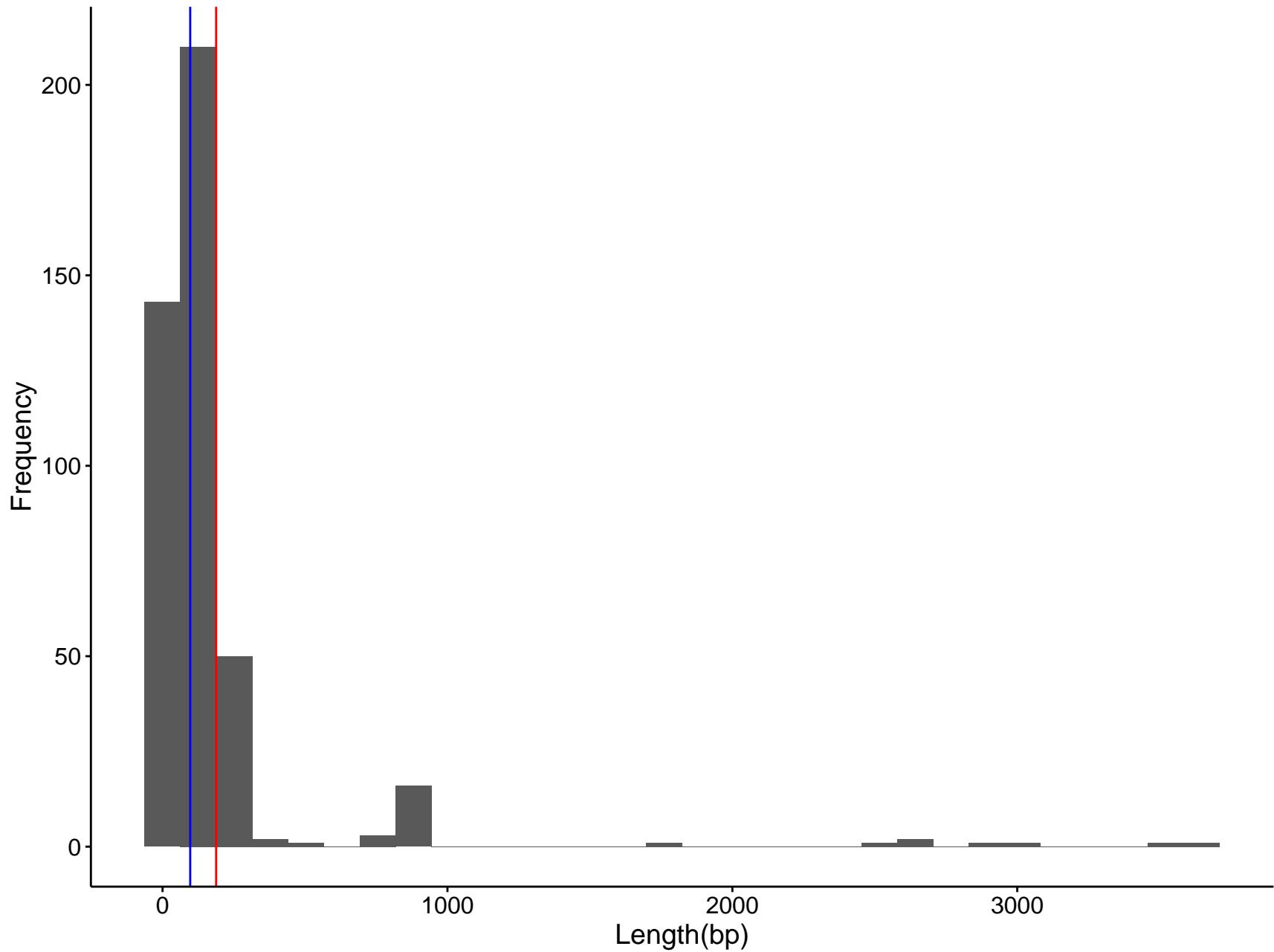
Cluster1974



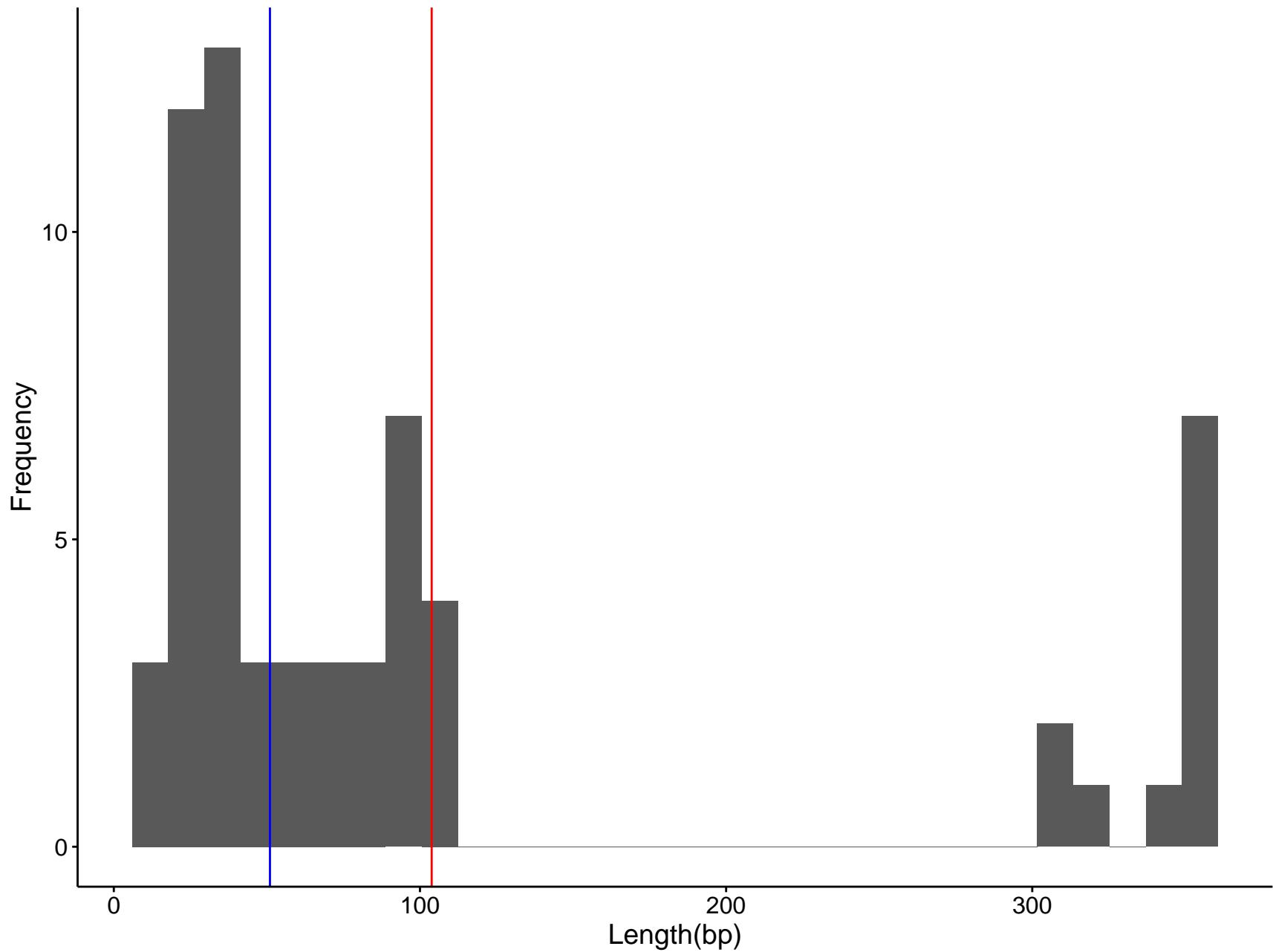
Cluster1975



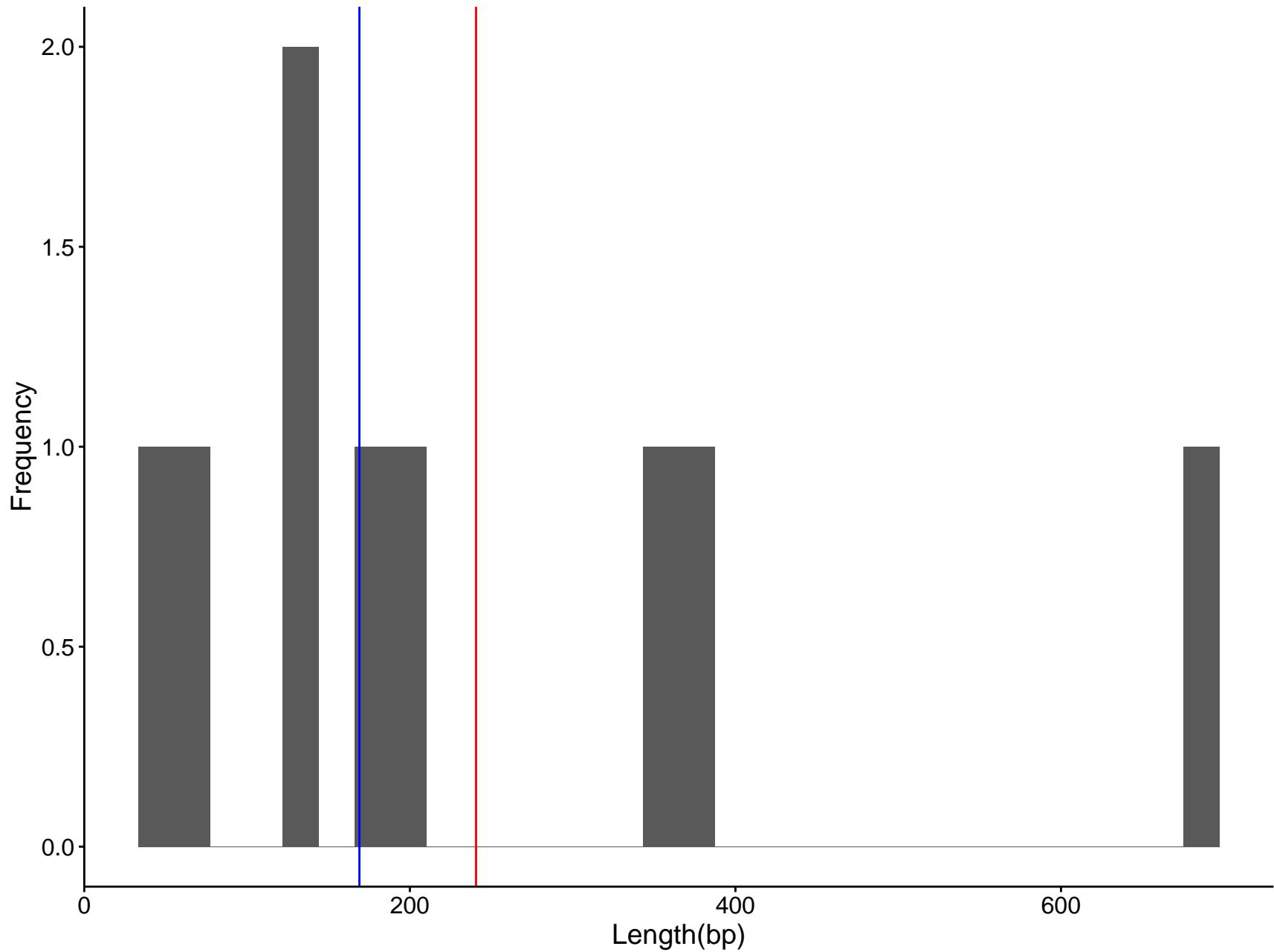
Cluster1976



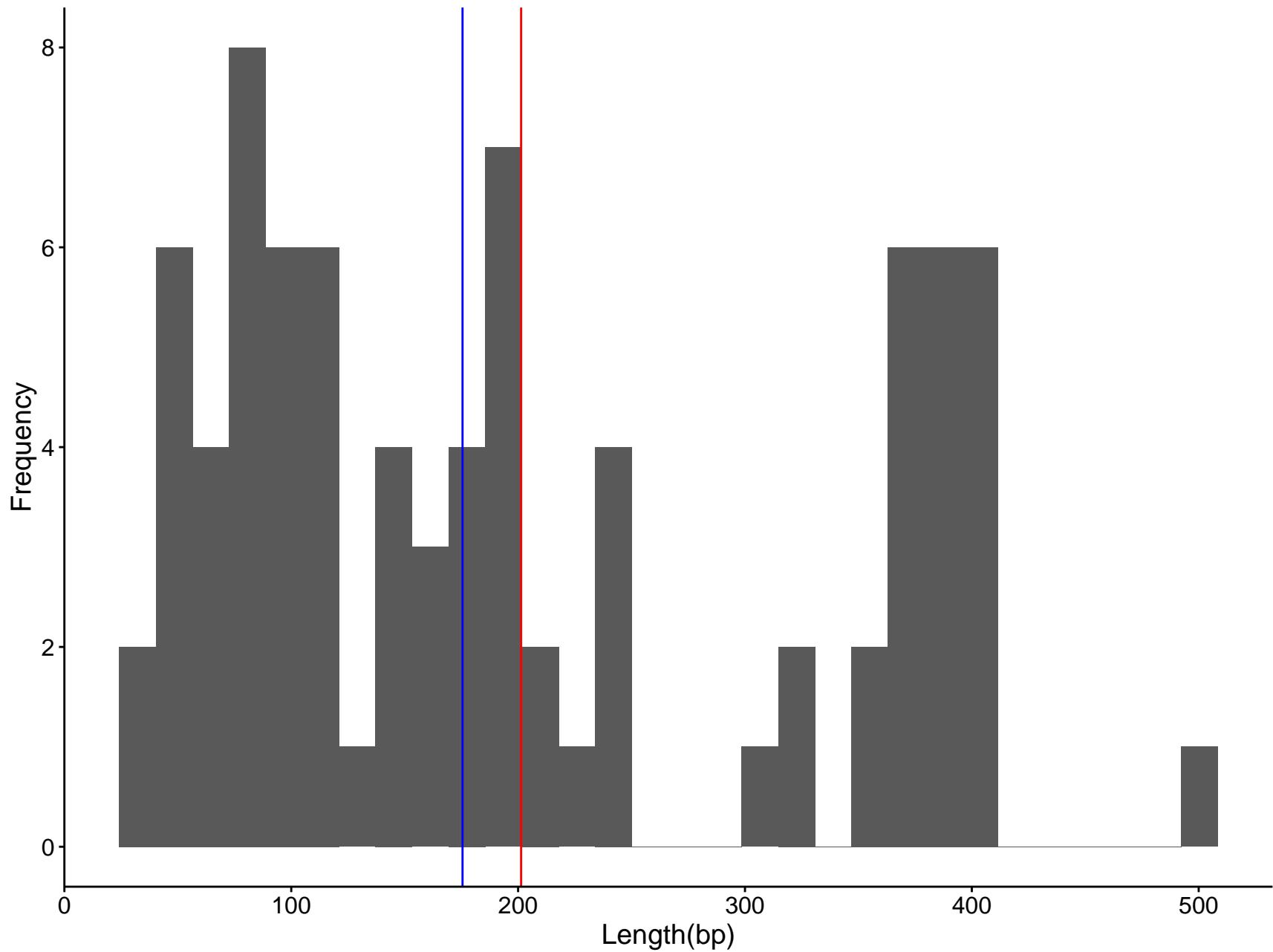
Cluster1977



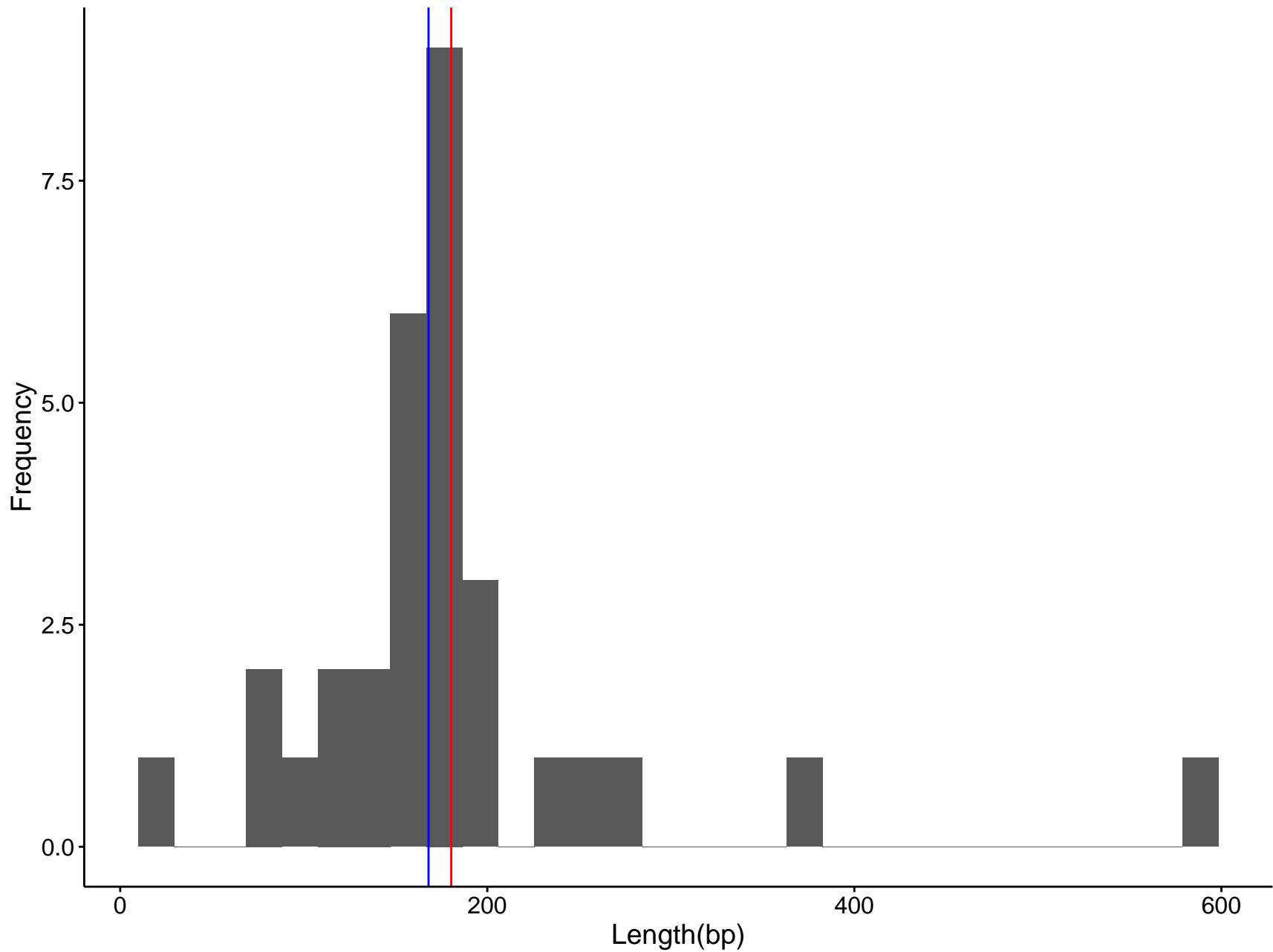
Cluster1978



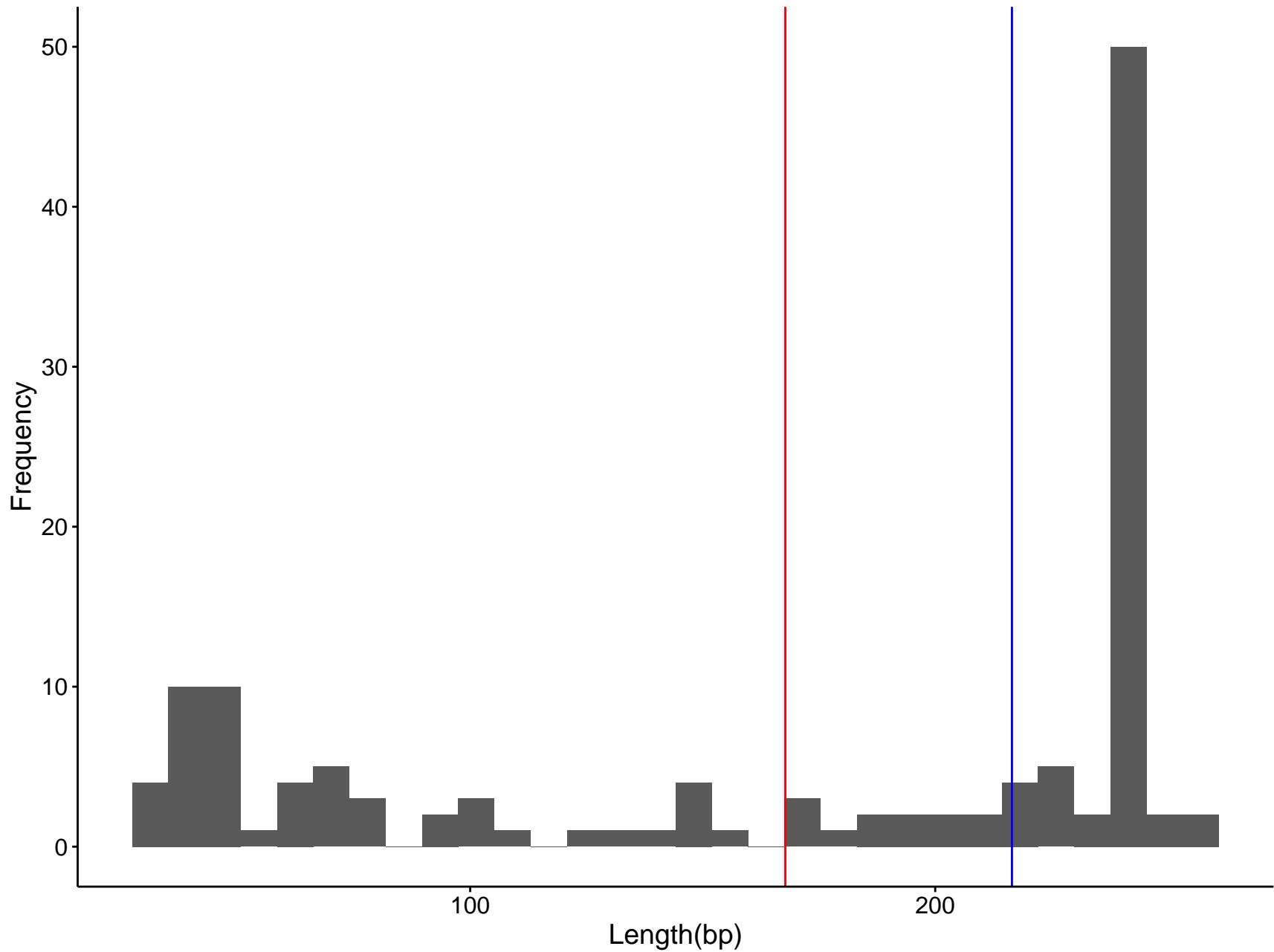
Cluster1979



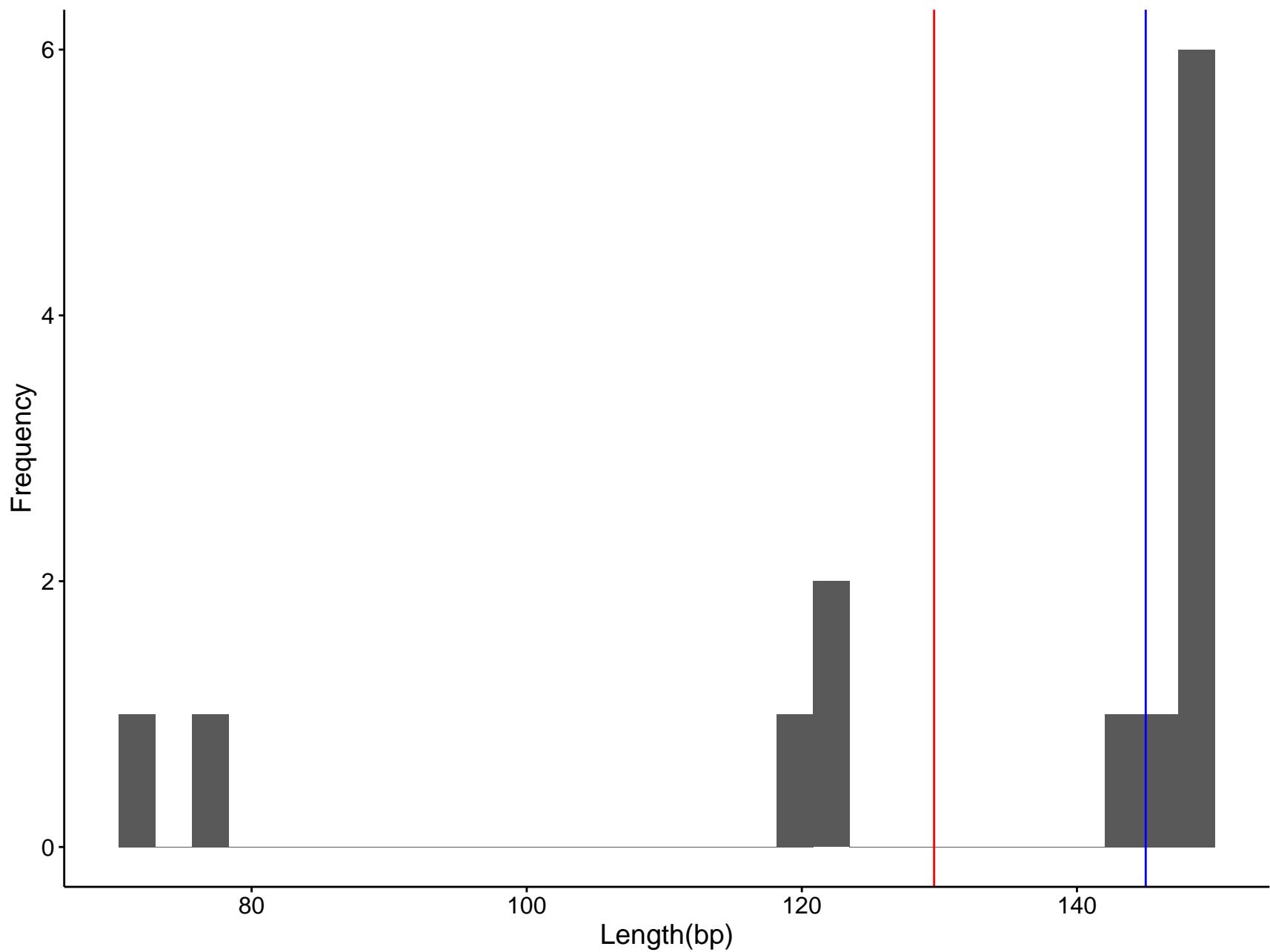
Cluster197



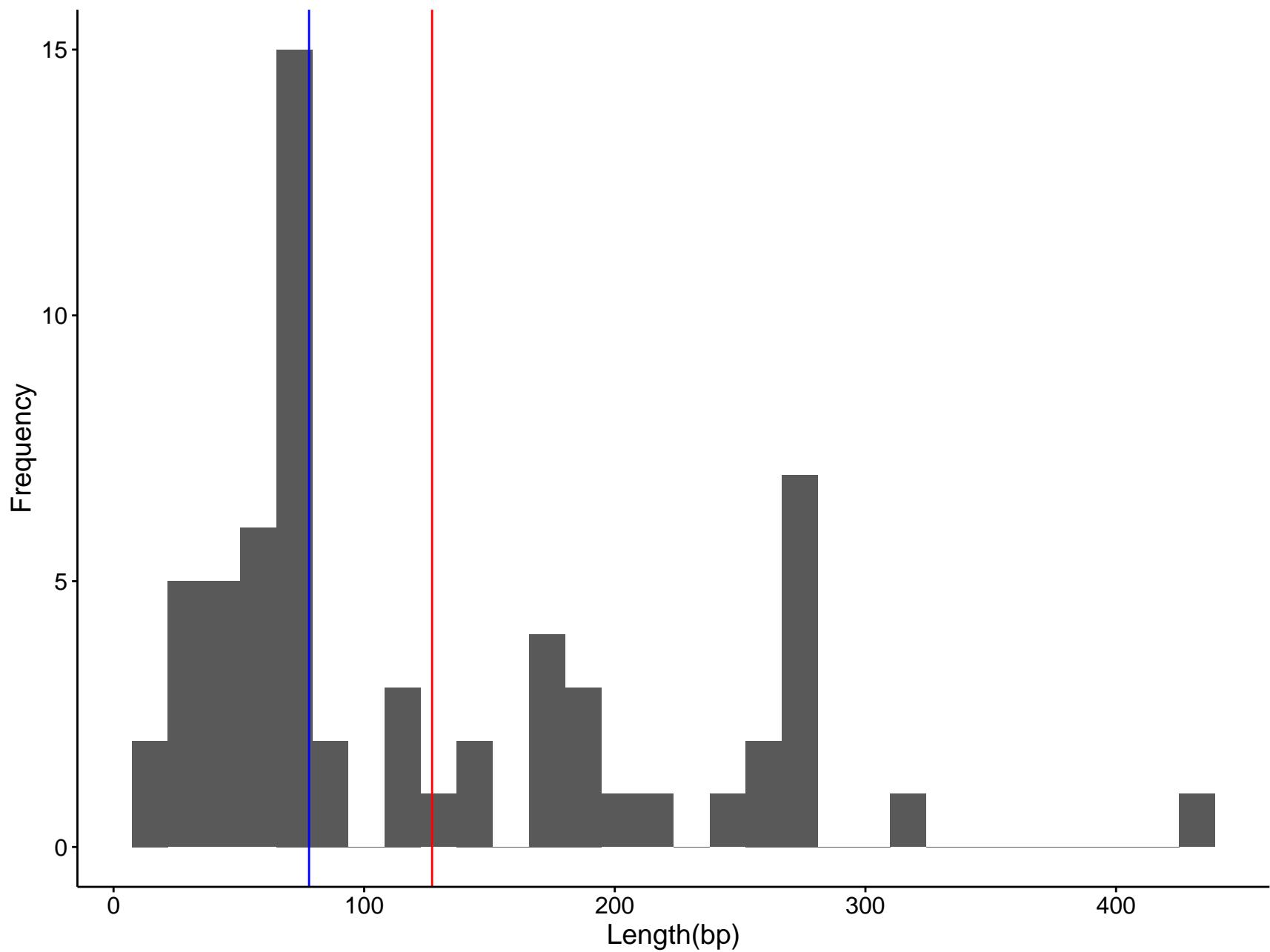
Cluster1980



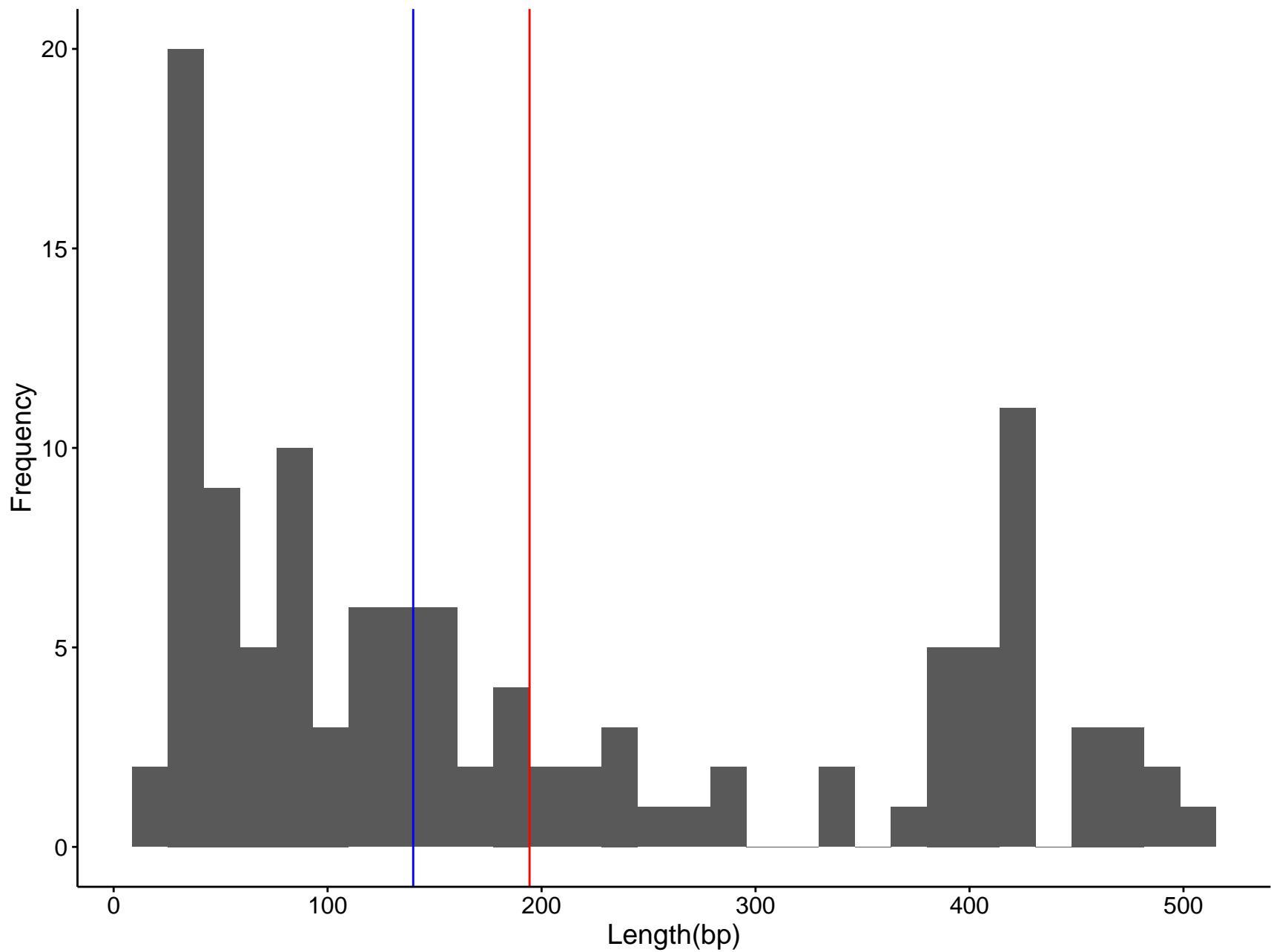
Cluster1981



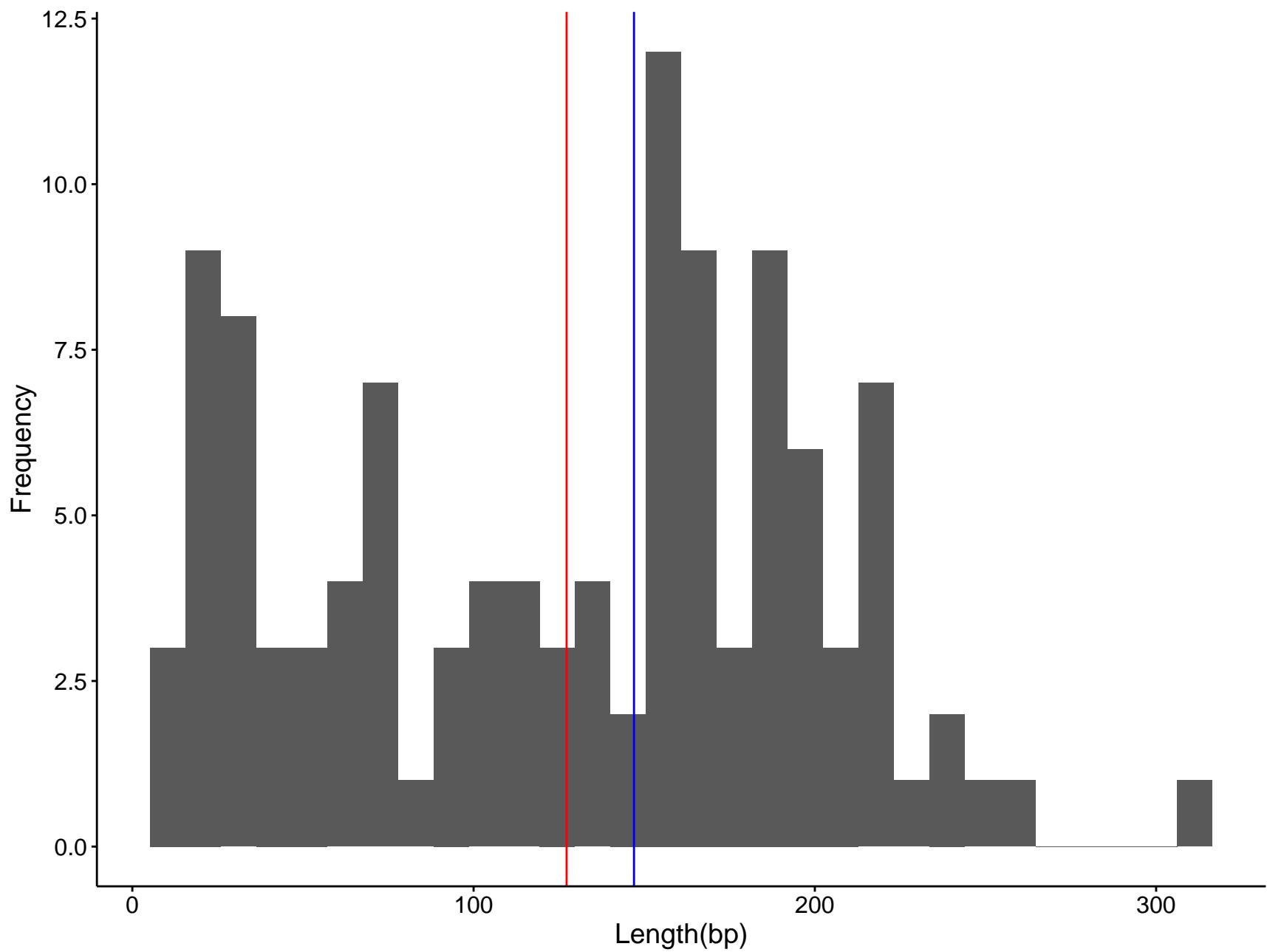
Cluster1984



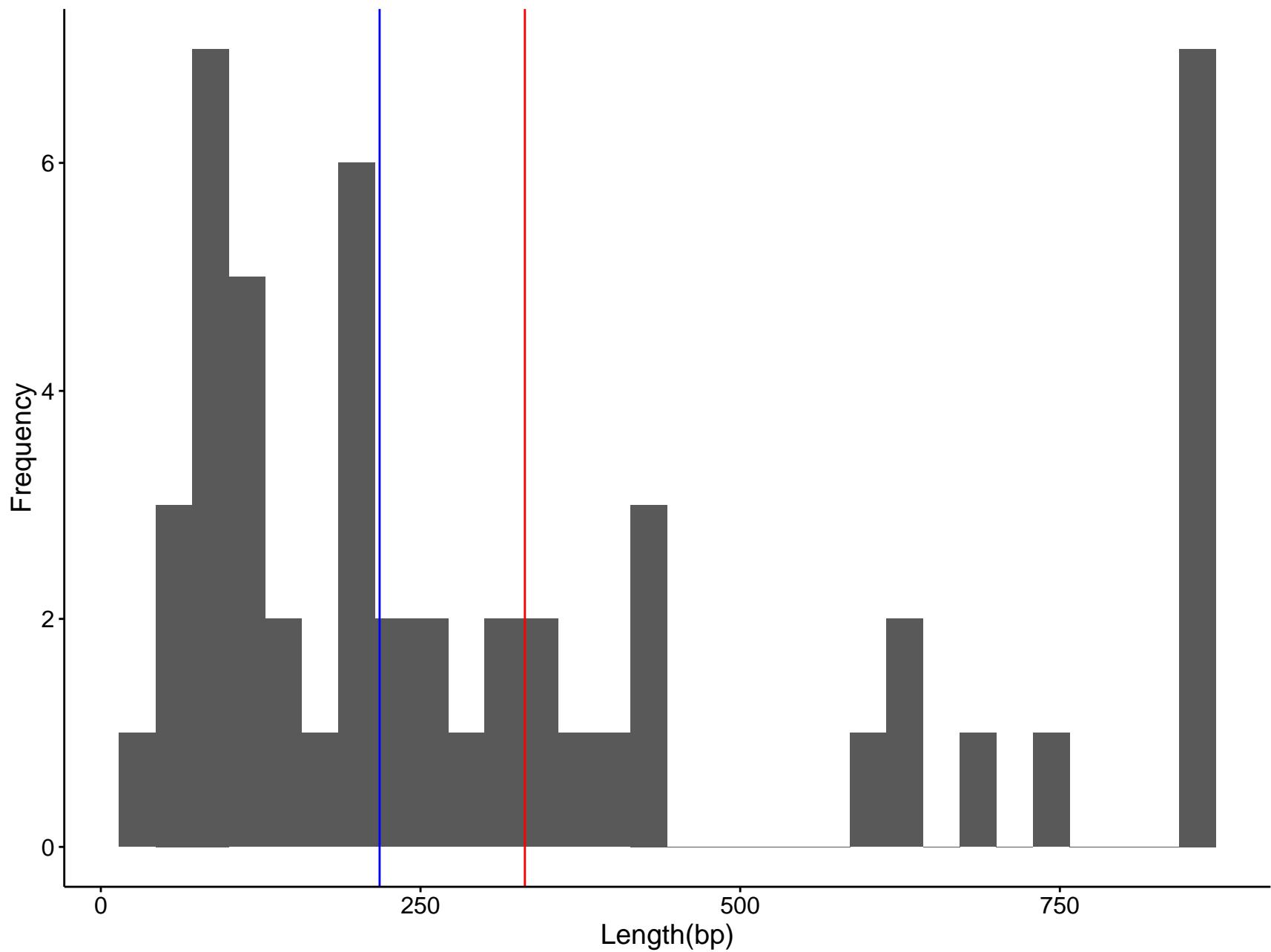
Cluster1985



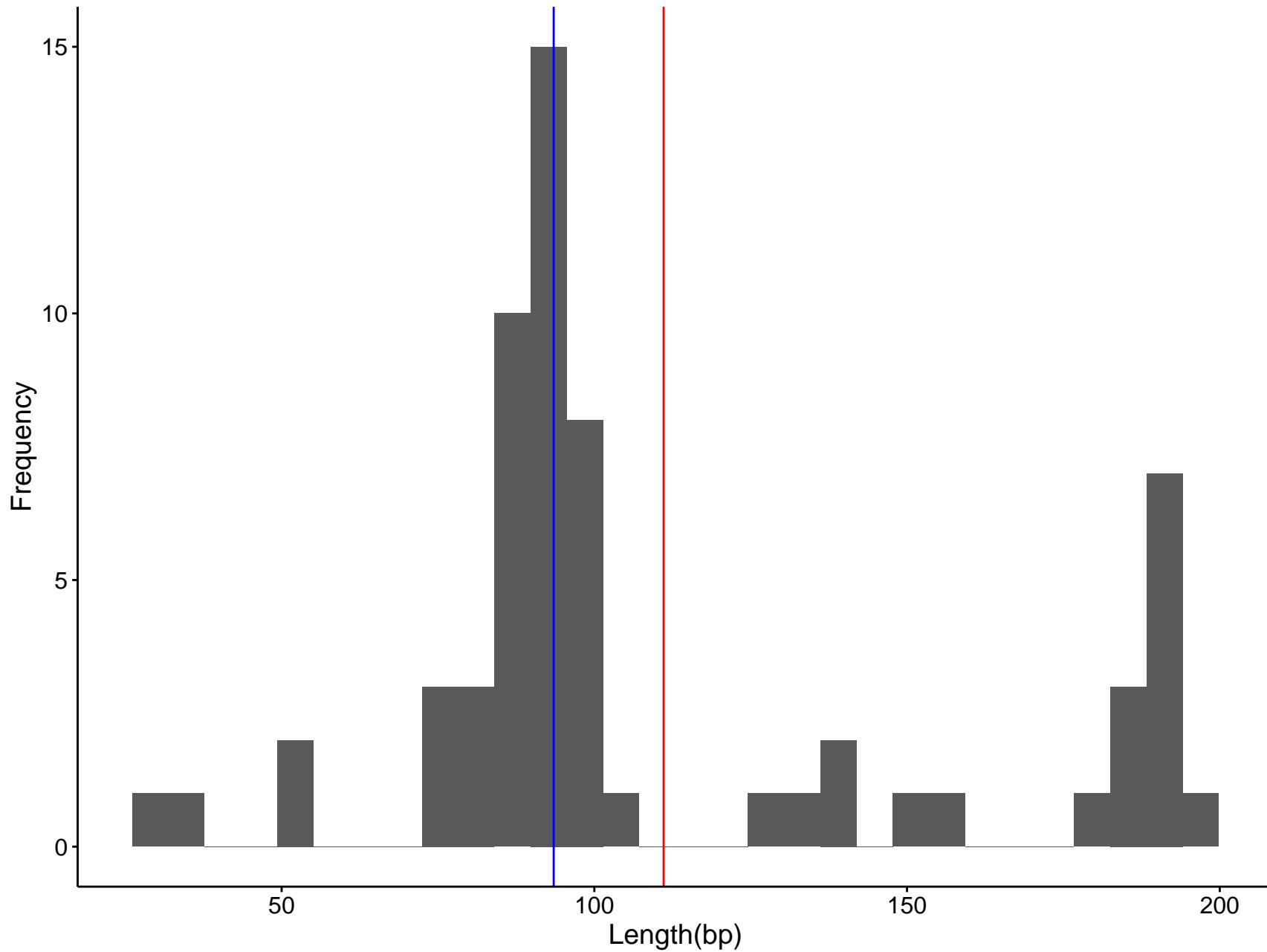
Cluster1986



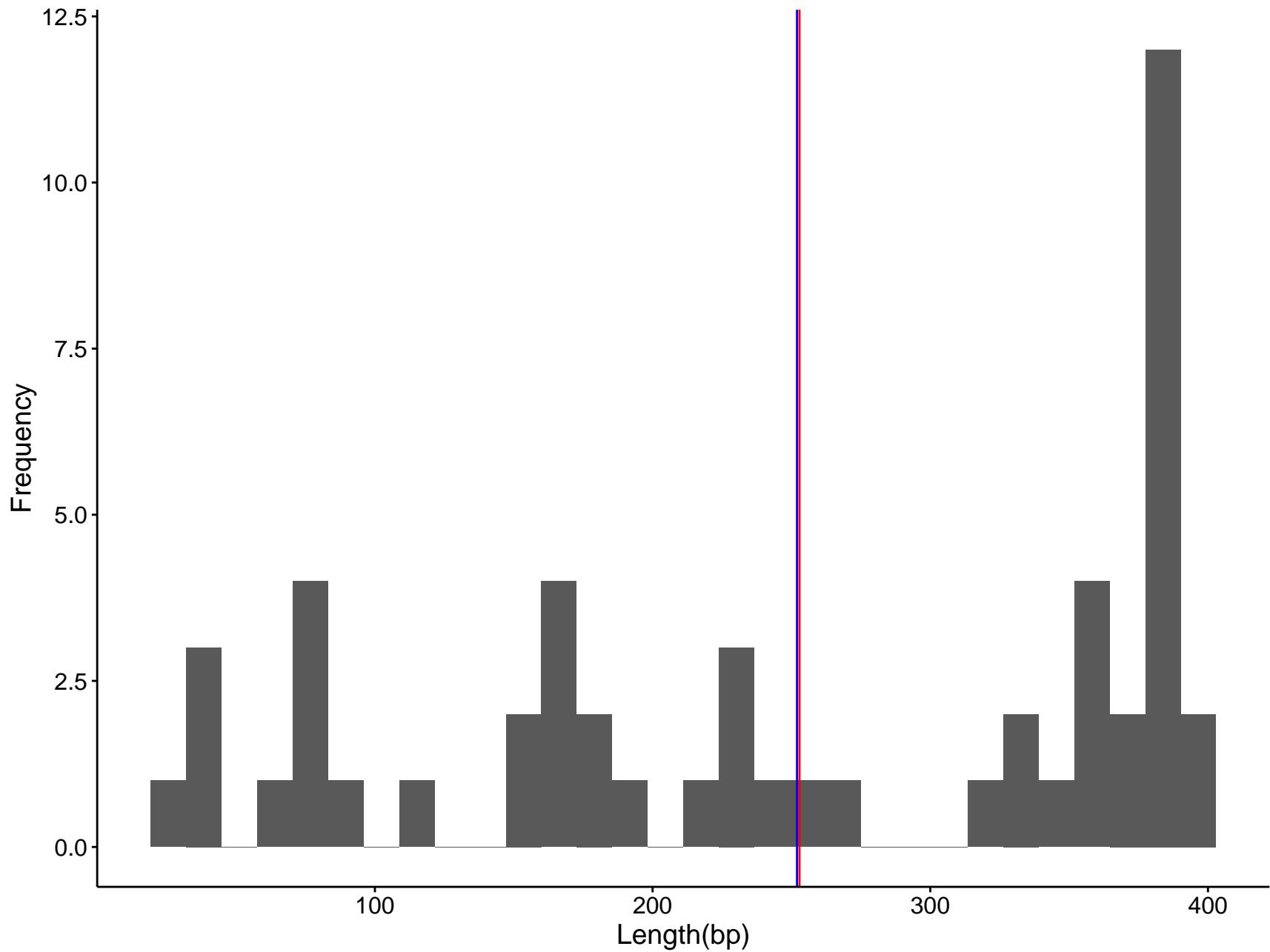
Cluster1988



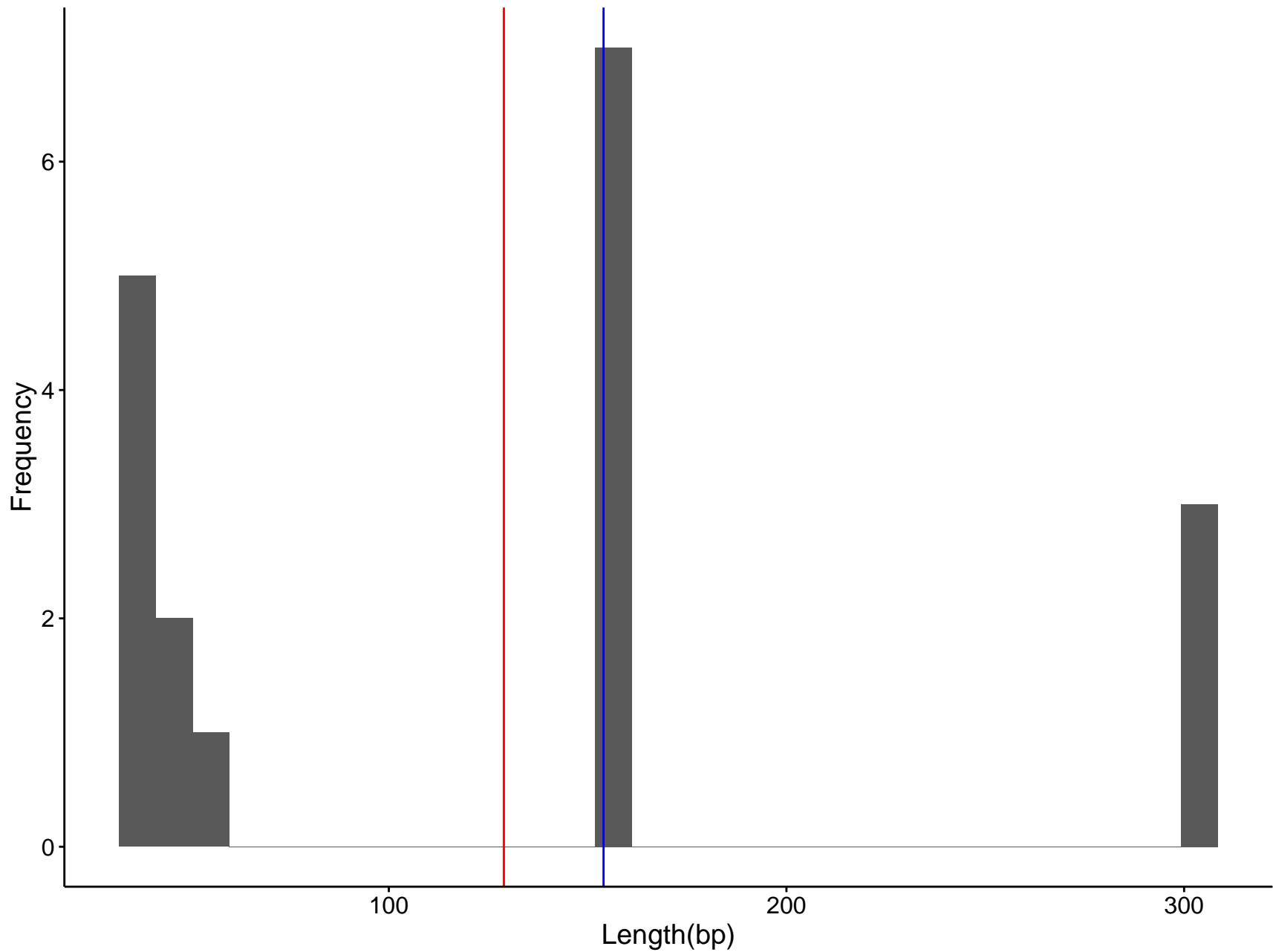
Cluster1989



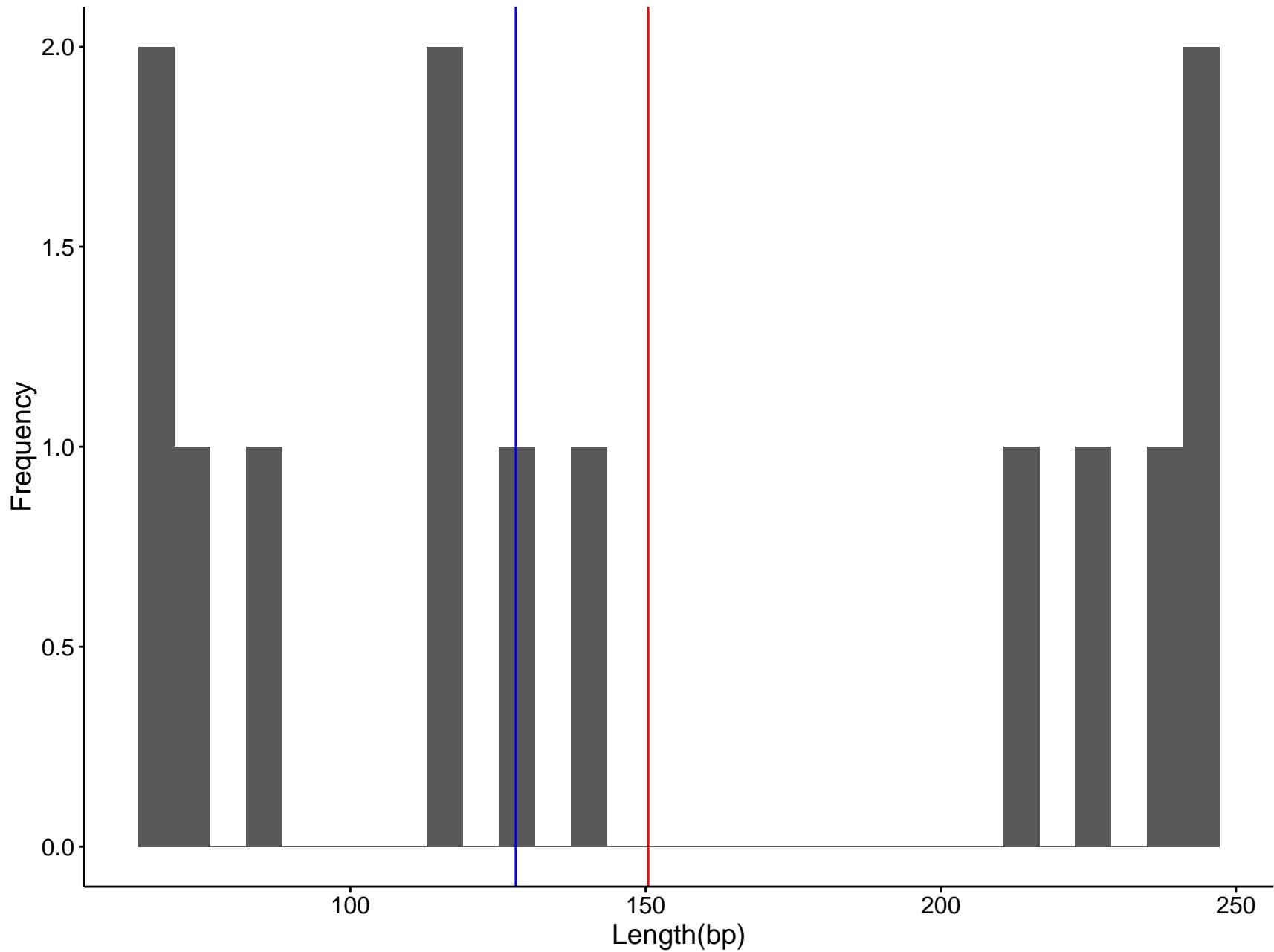
Cluster1990



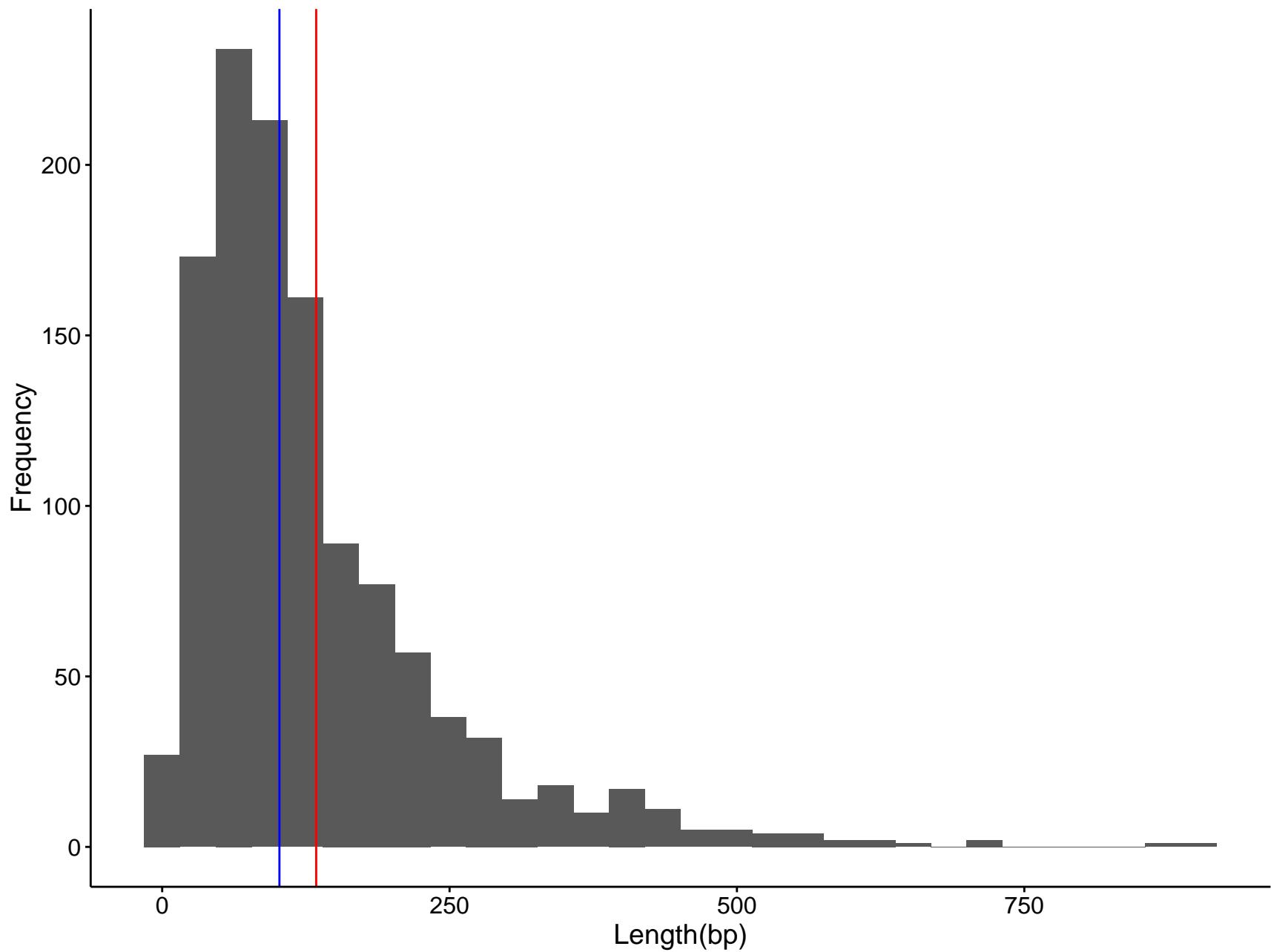
Cluster1992



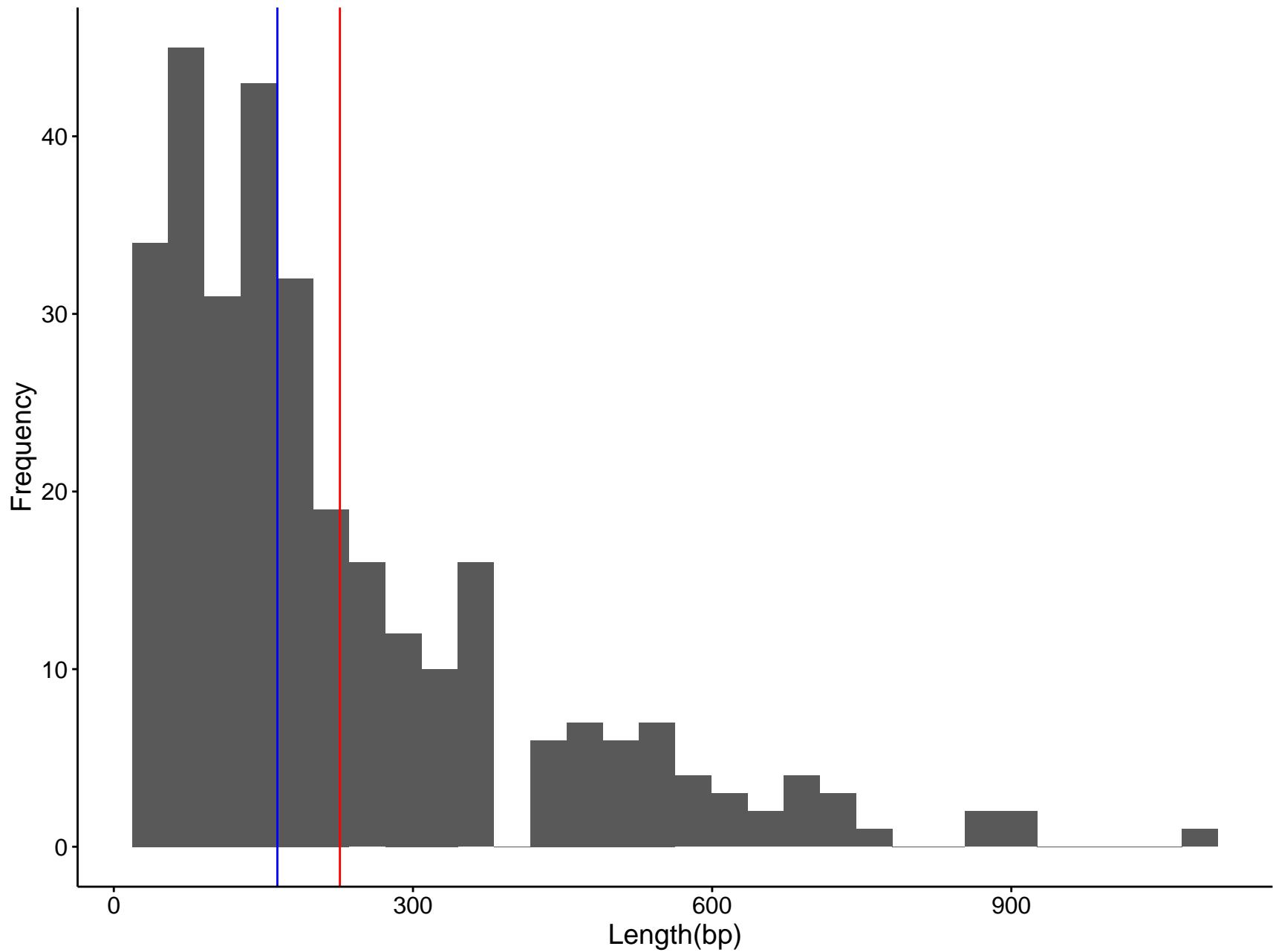
Cluster1993

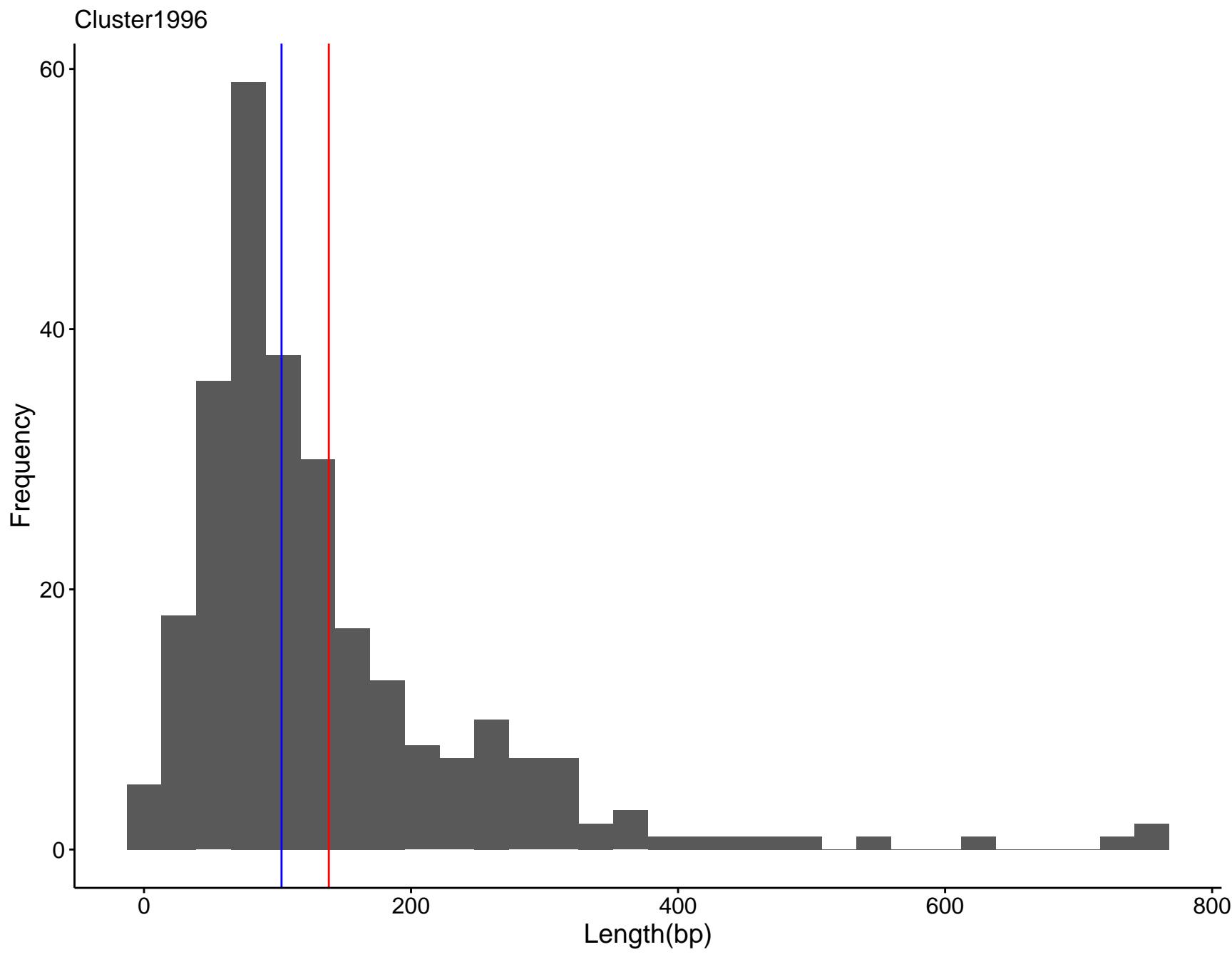


Cluster1994

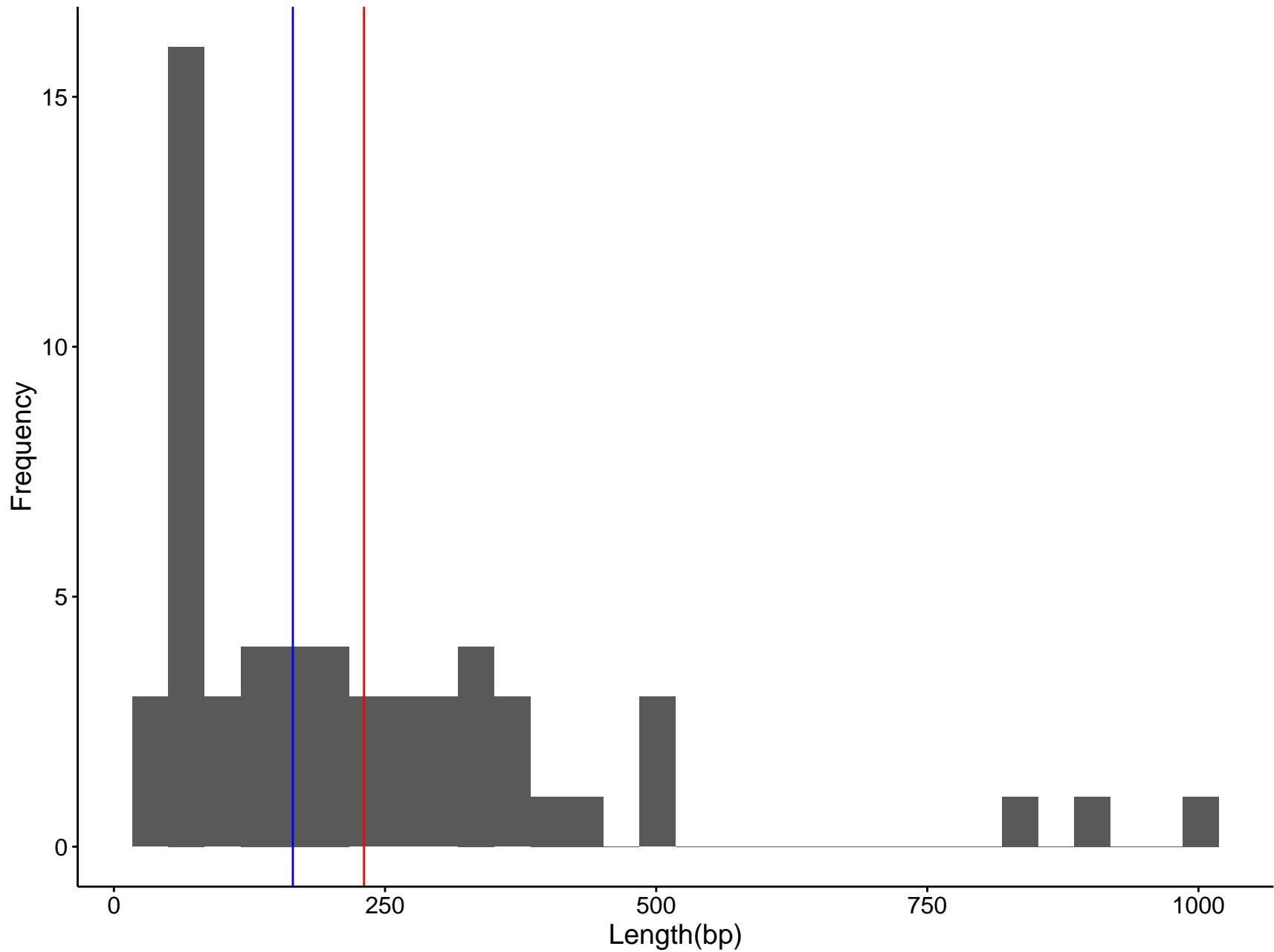


Cluster1995

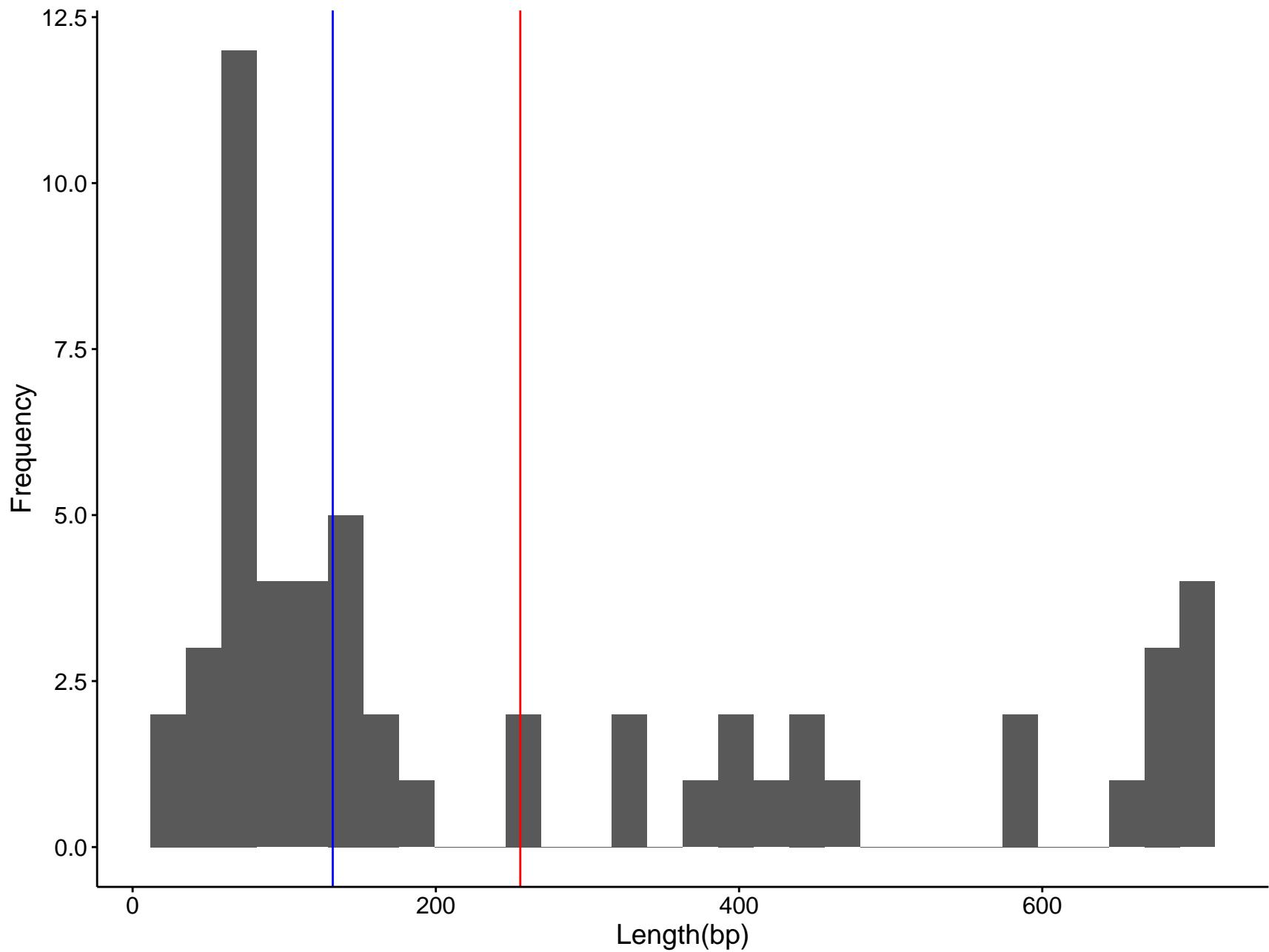




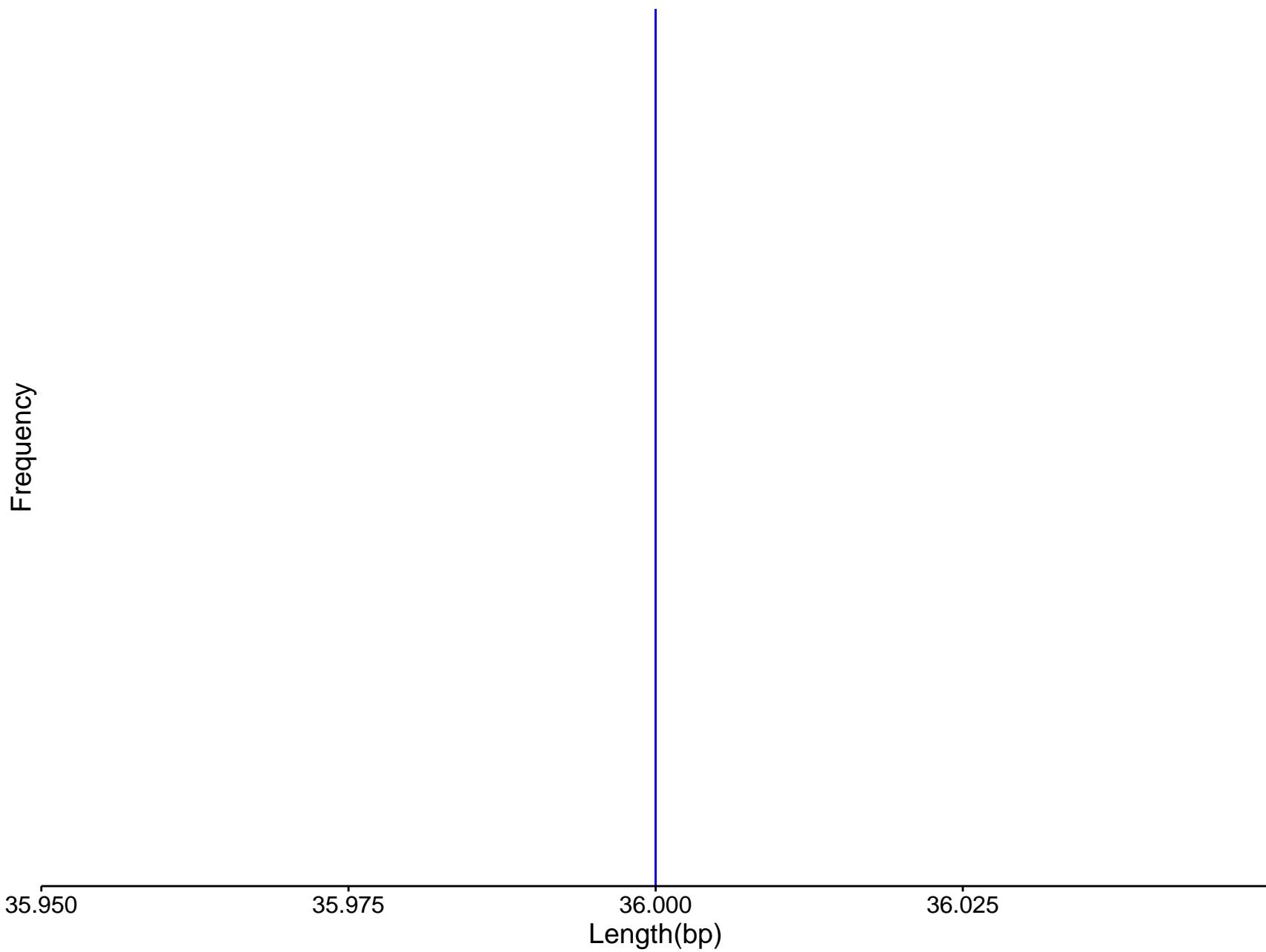
Cluster1998



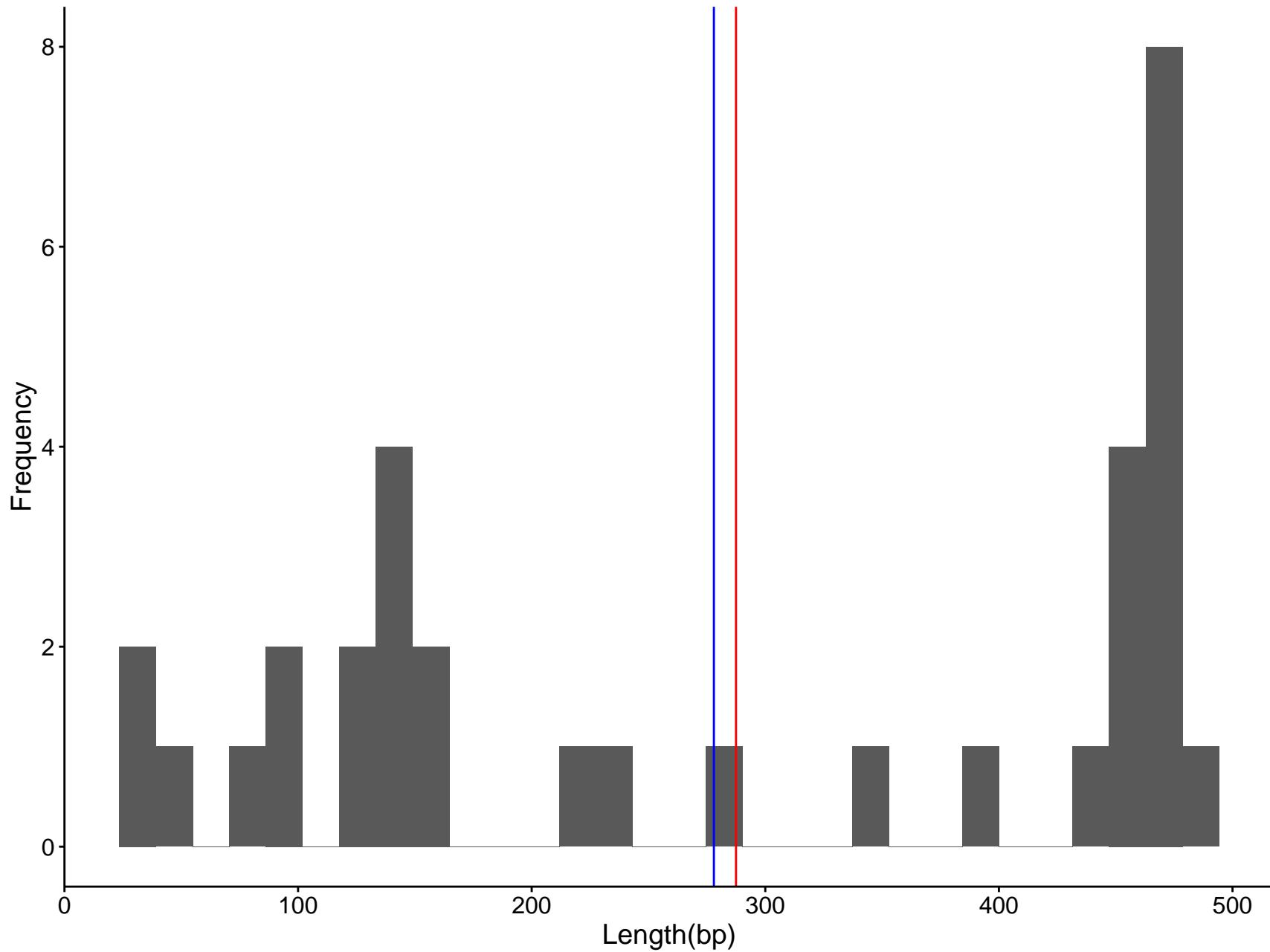
Cluster1999



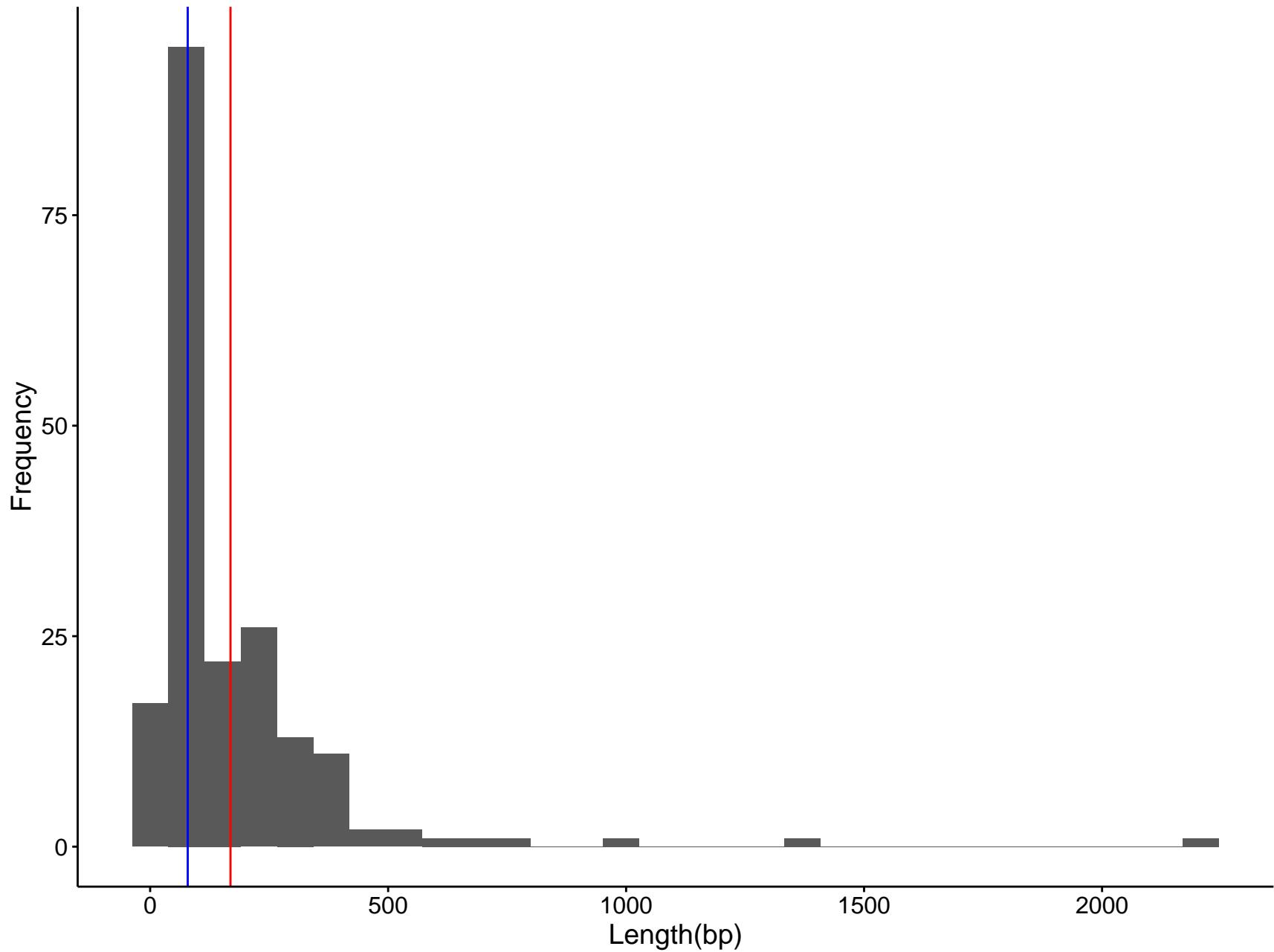
Cluster19



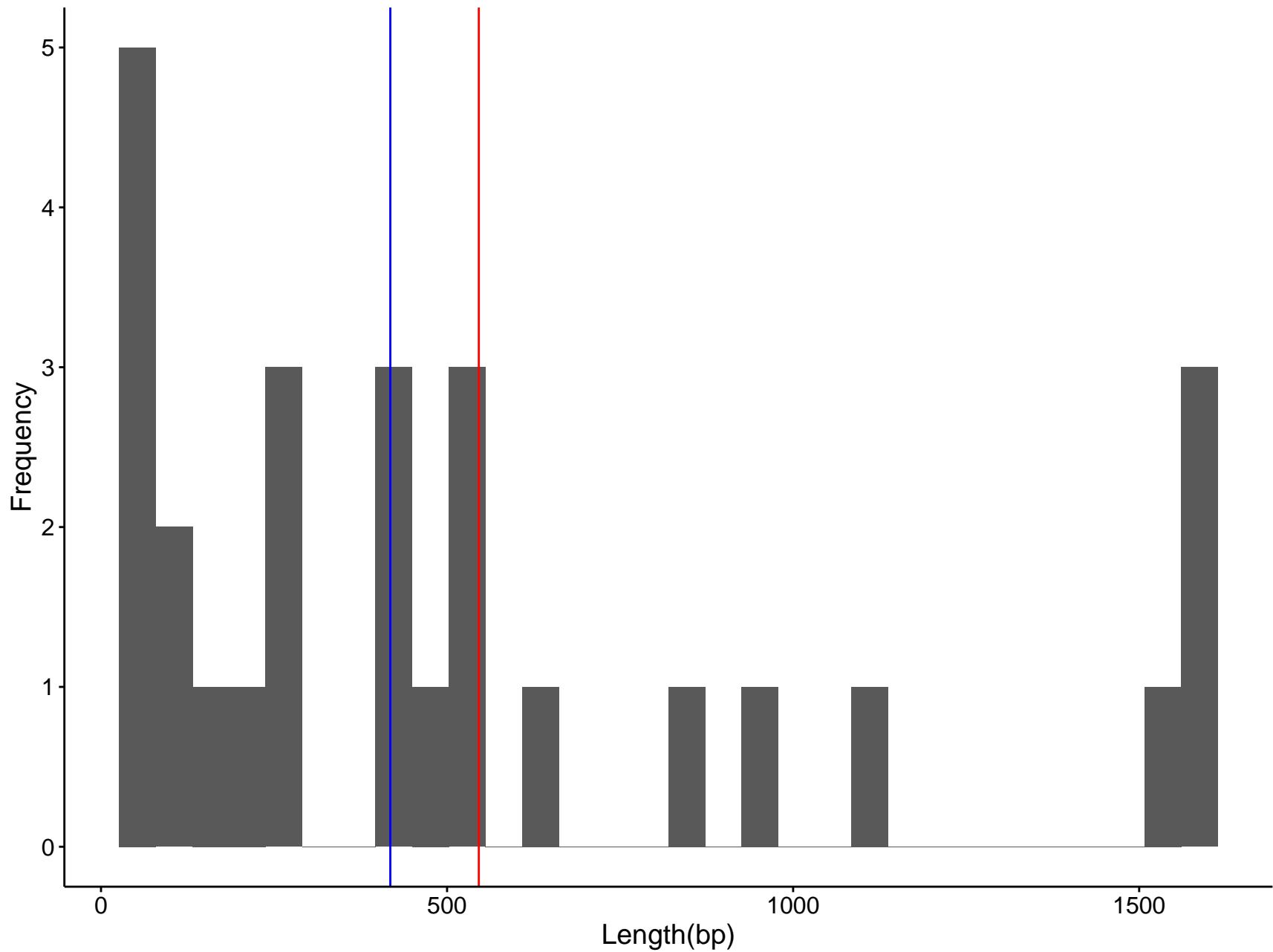
Cluster2001



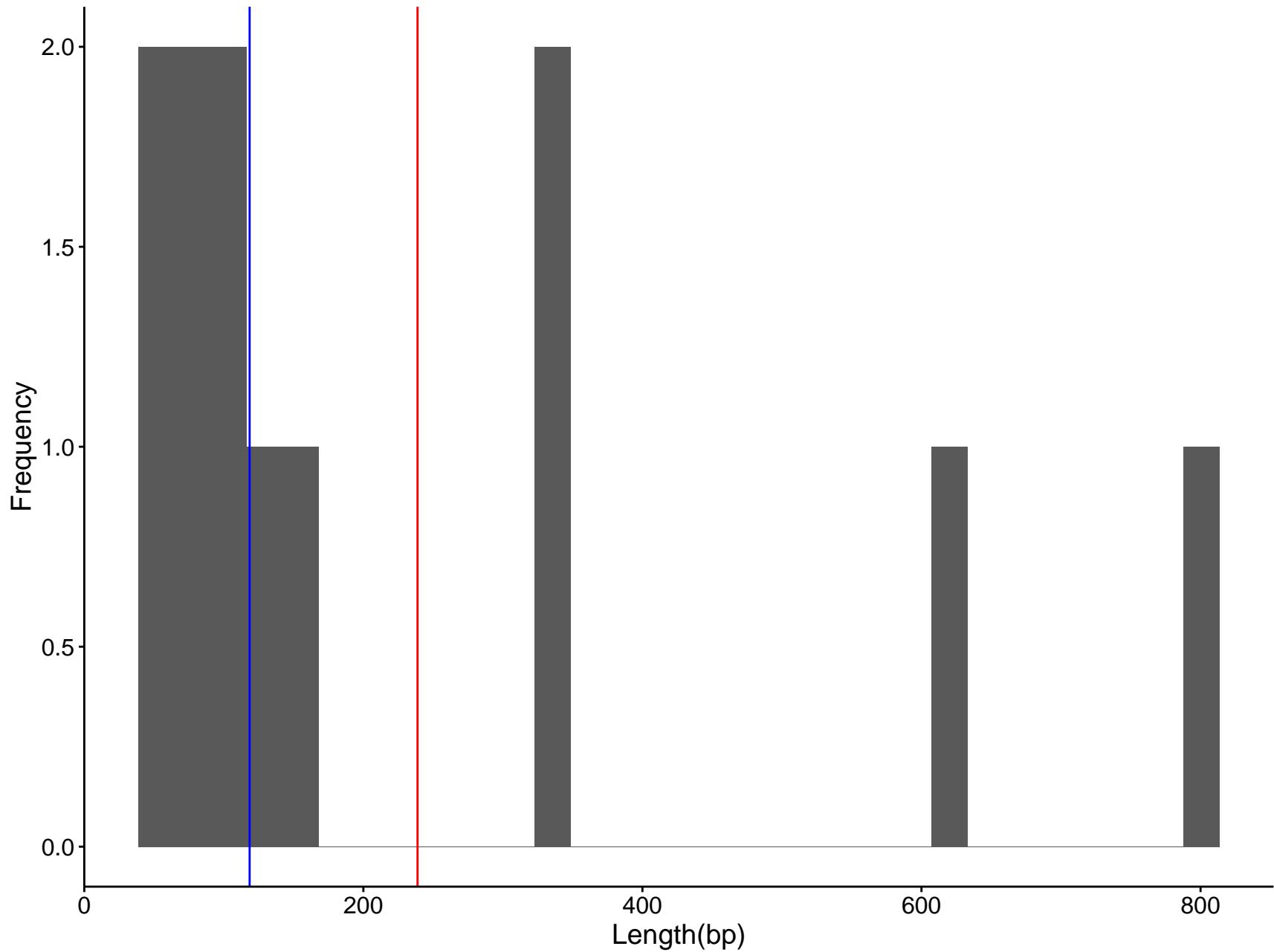
Cluster2002



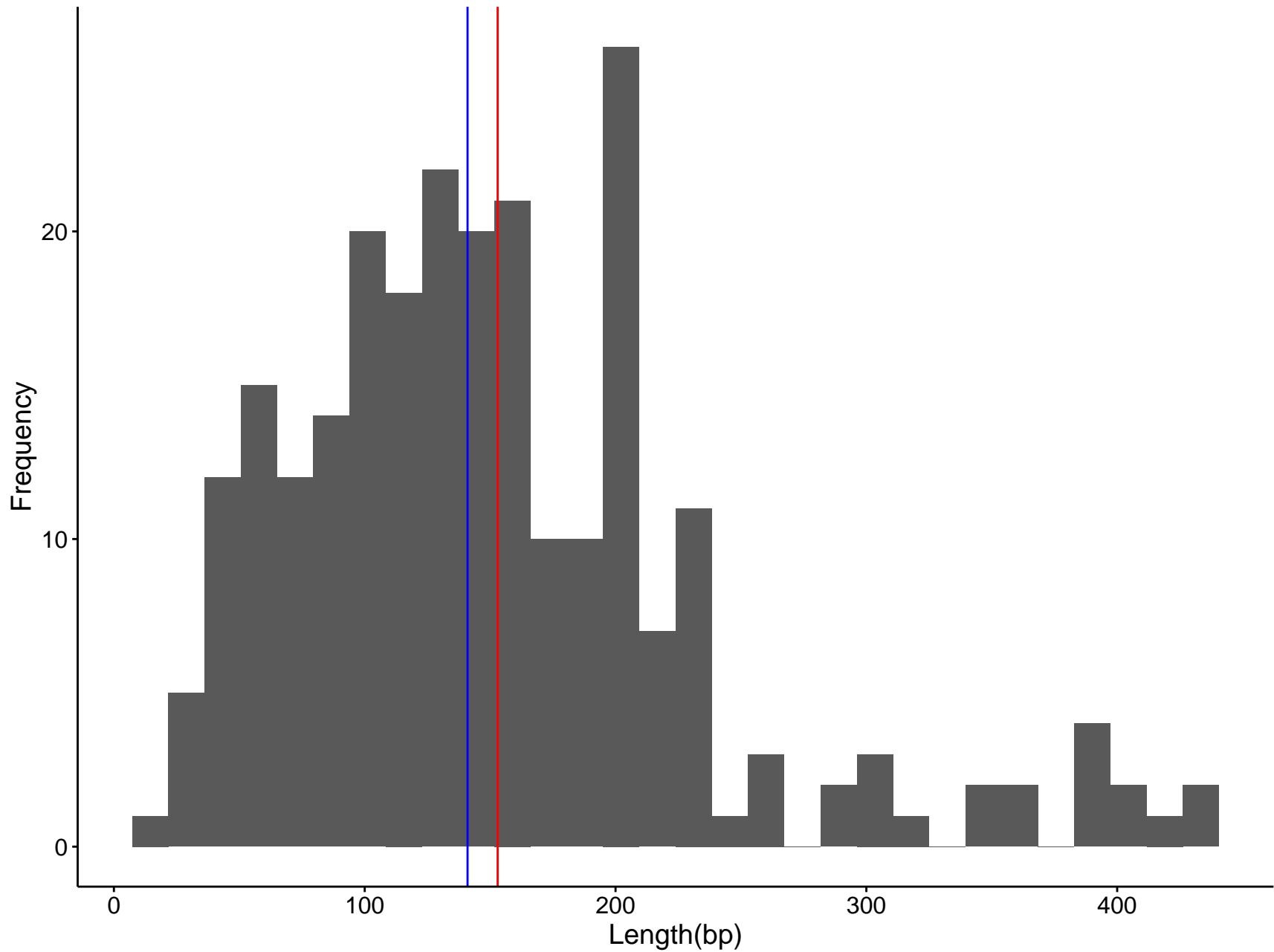
Cluster2004



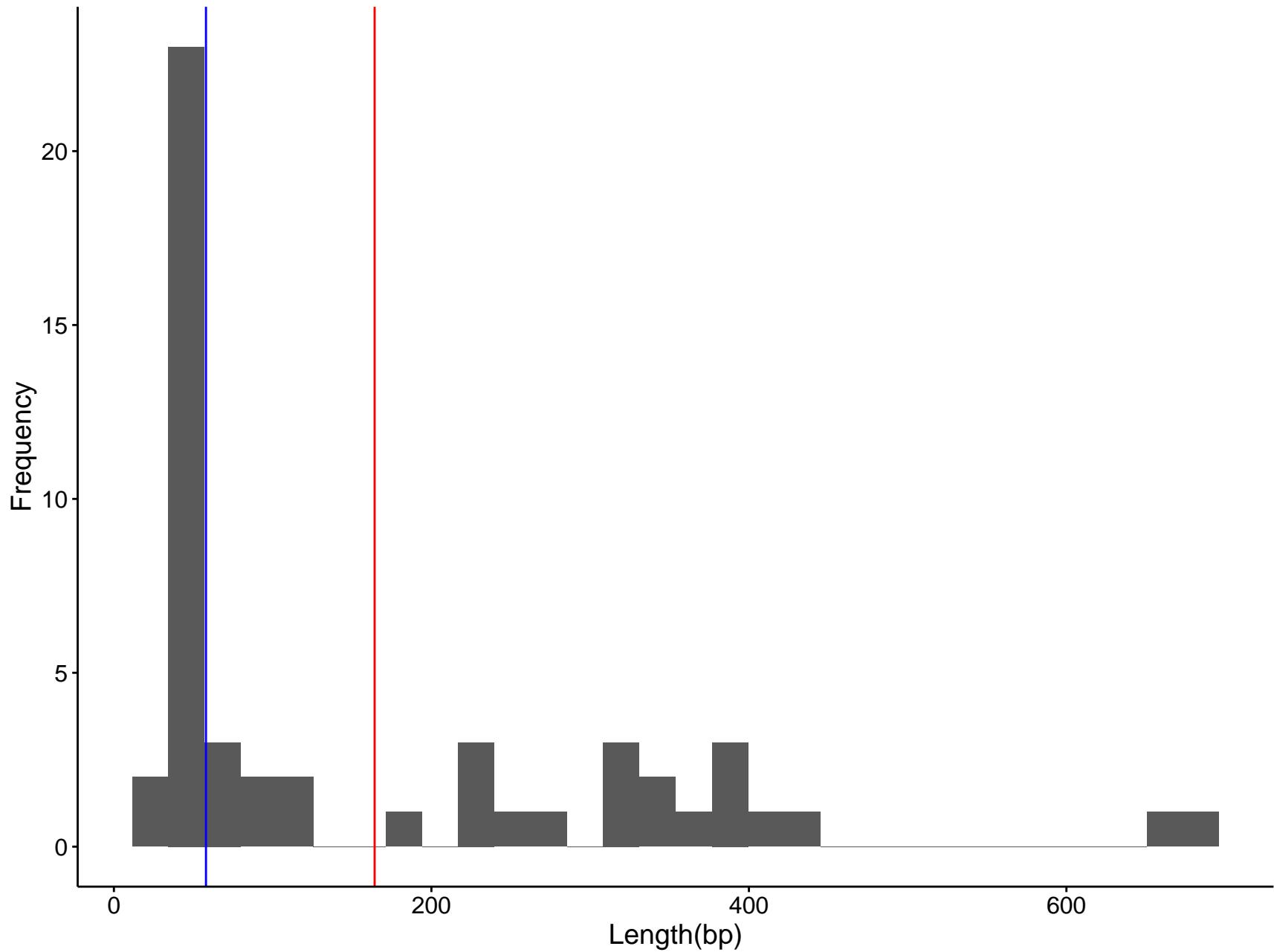
Cluster2005



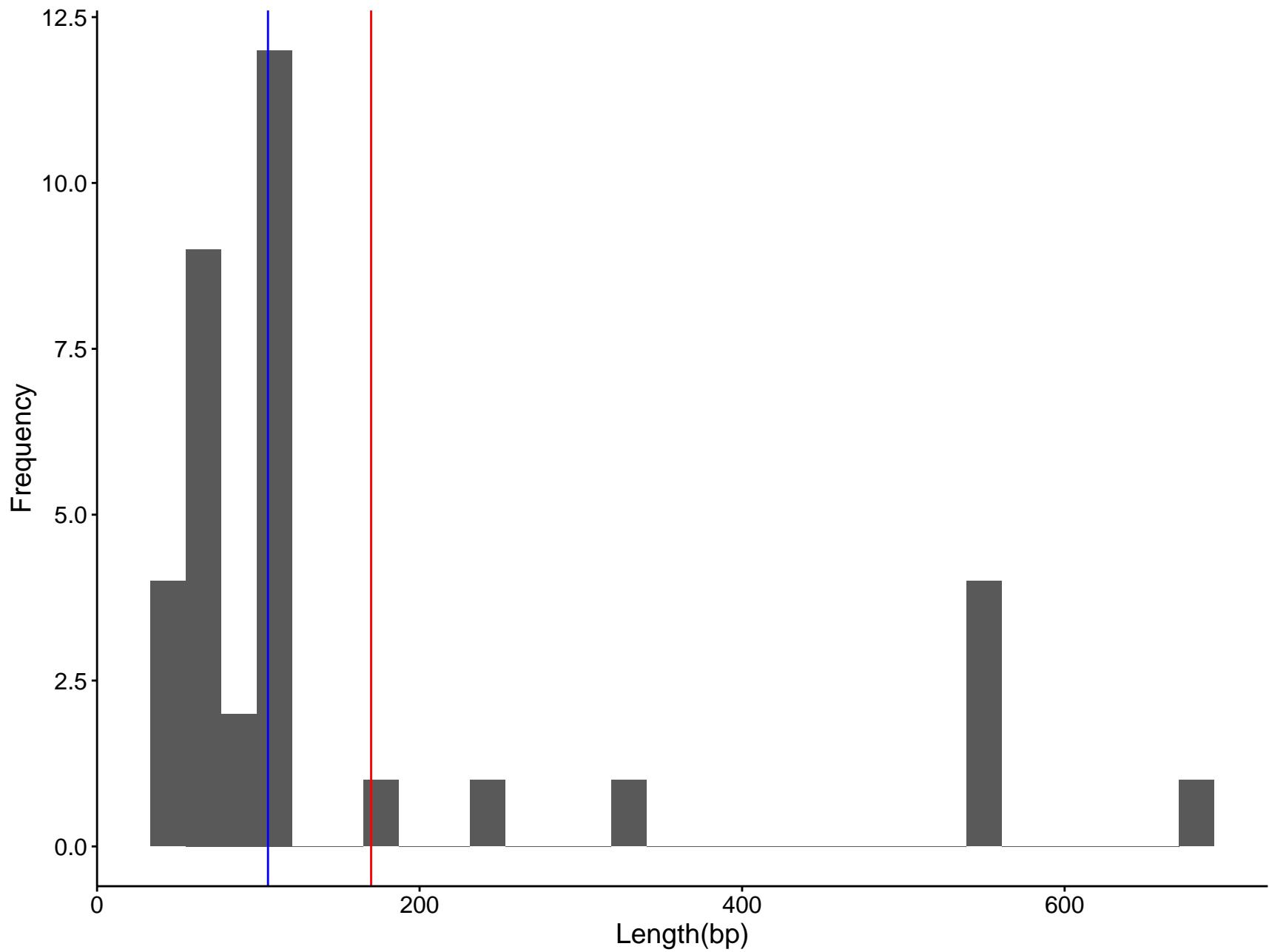
Cluster2006

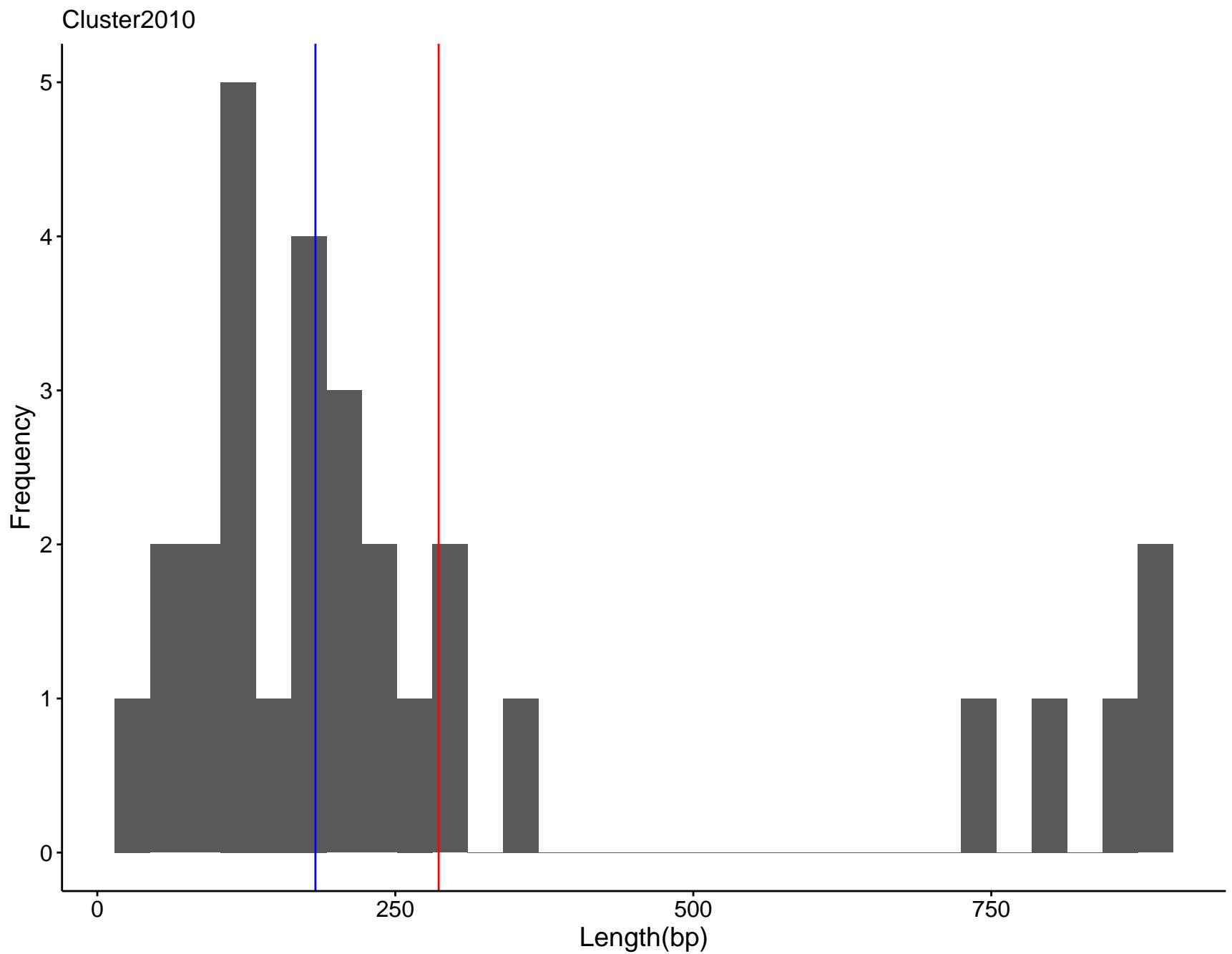


Cluster2007

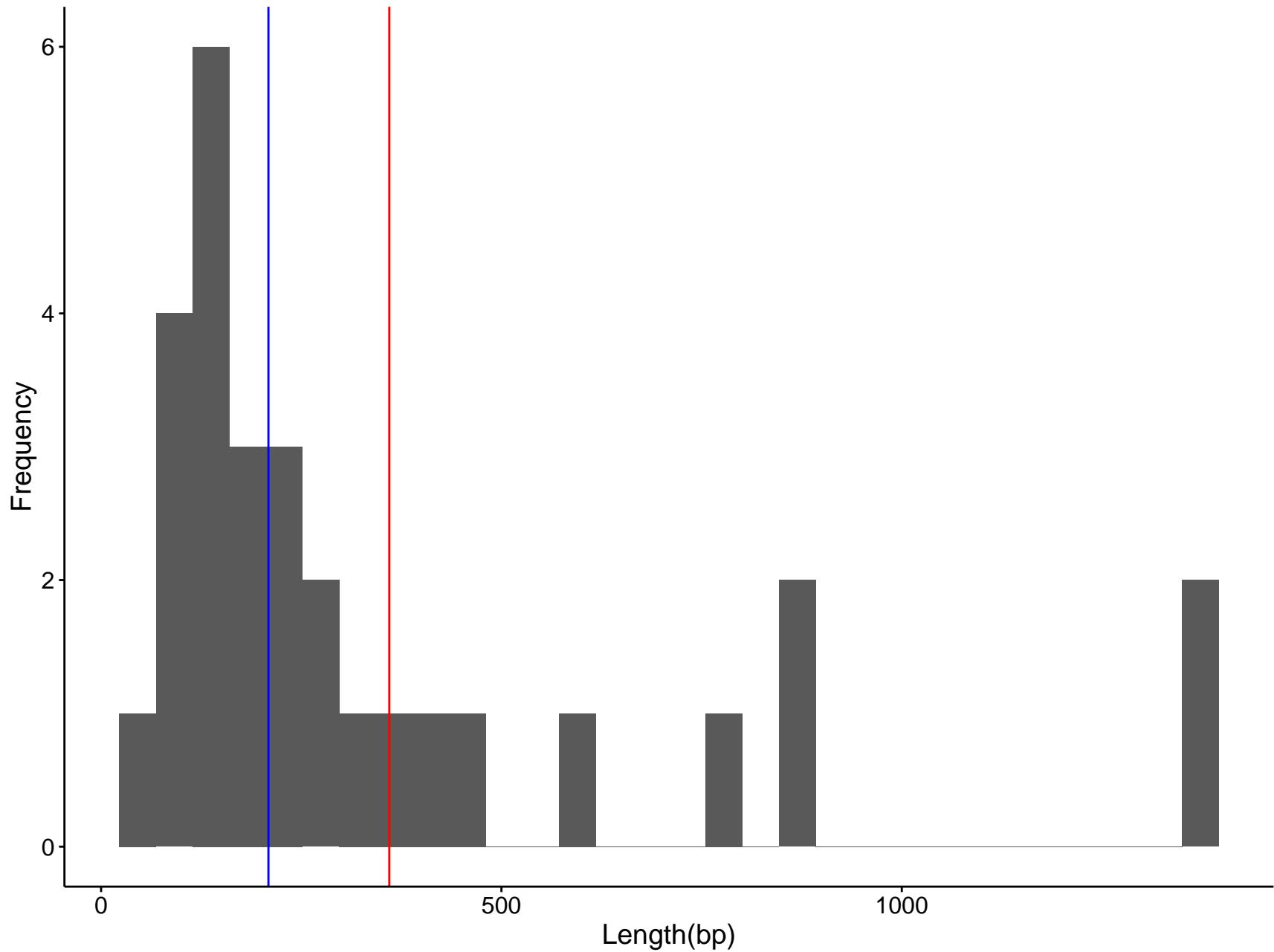


Cluster2009

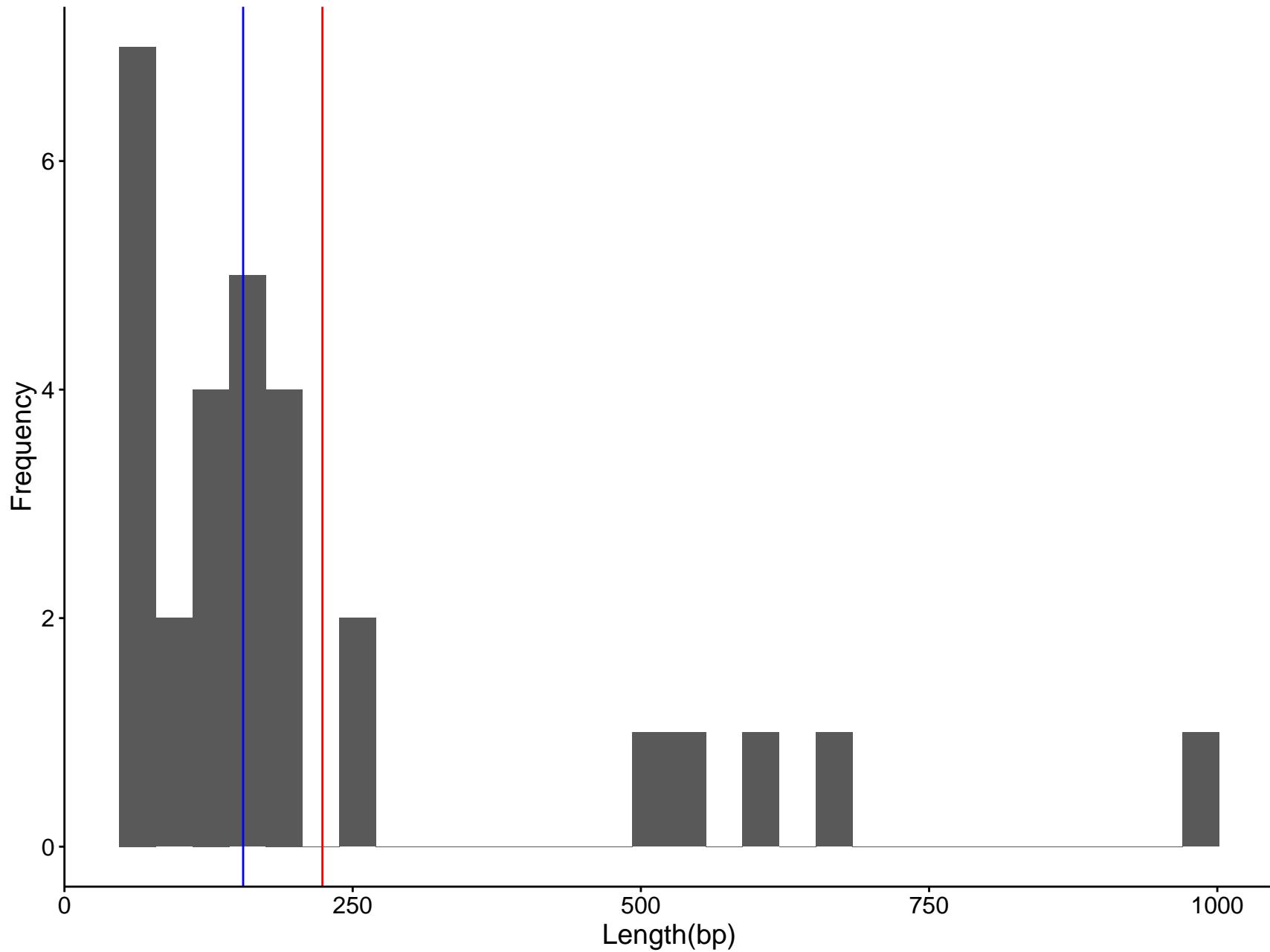




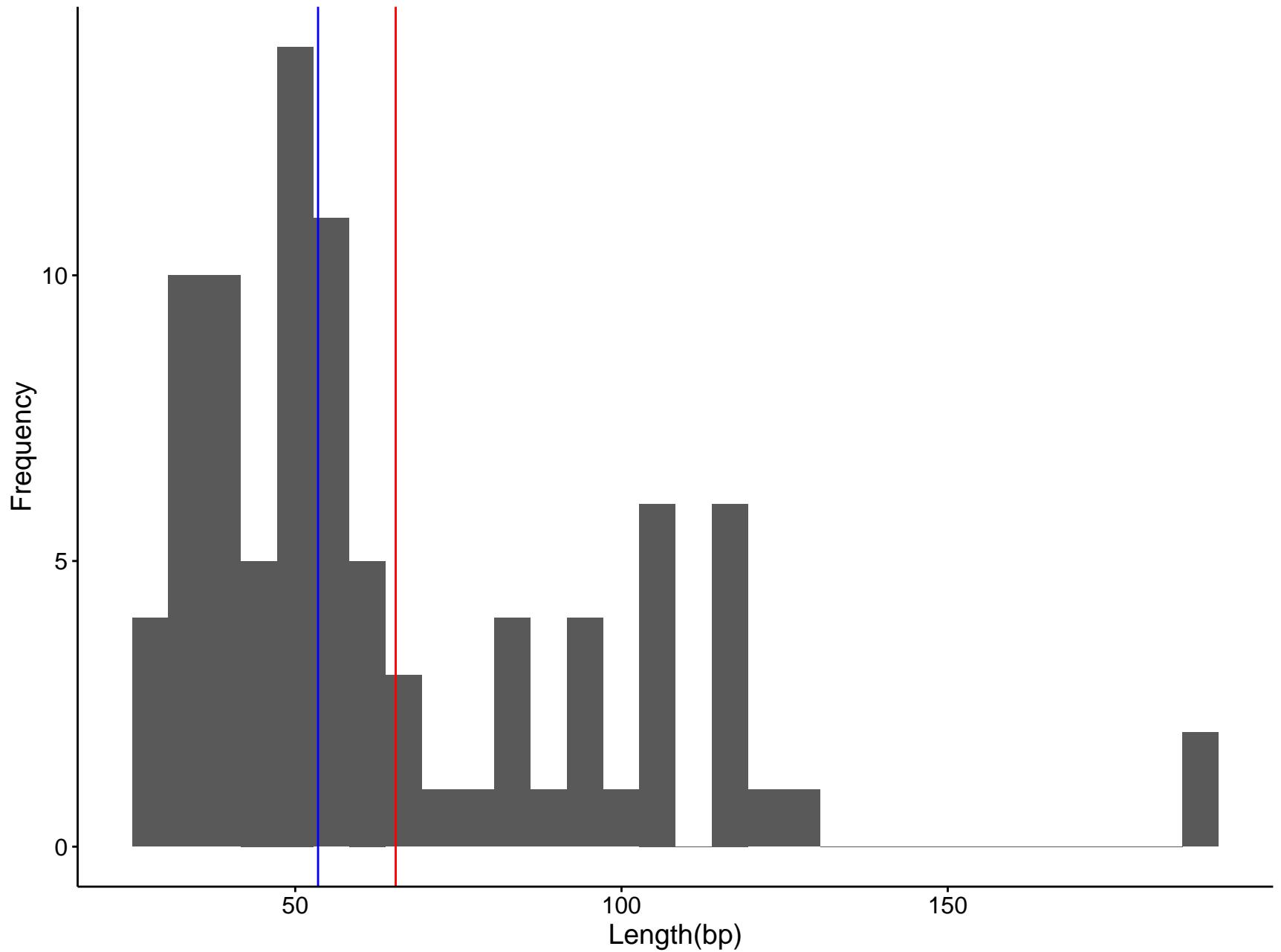
Cluster2011

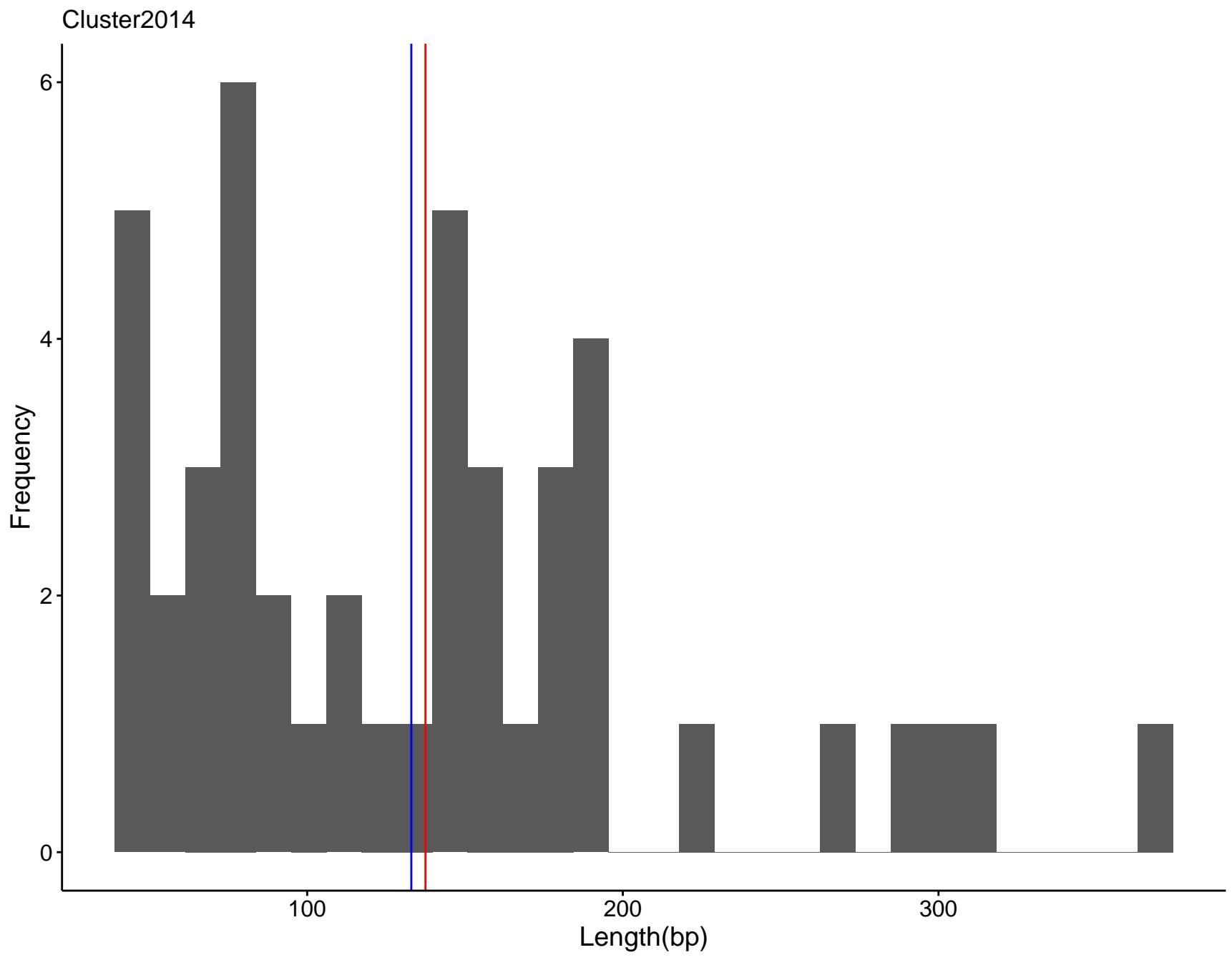


Cluster2012

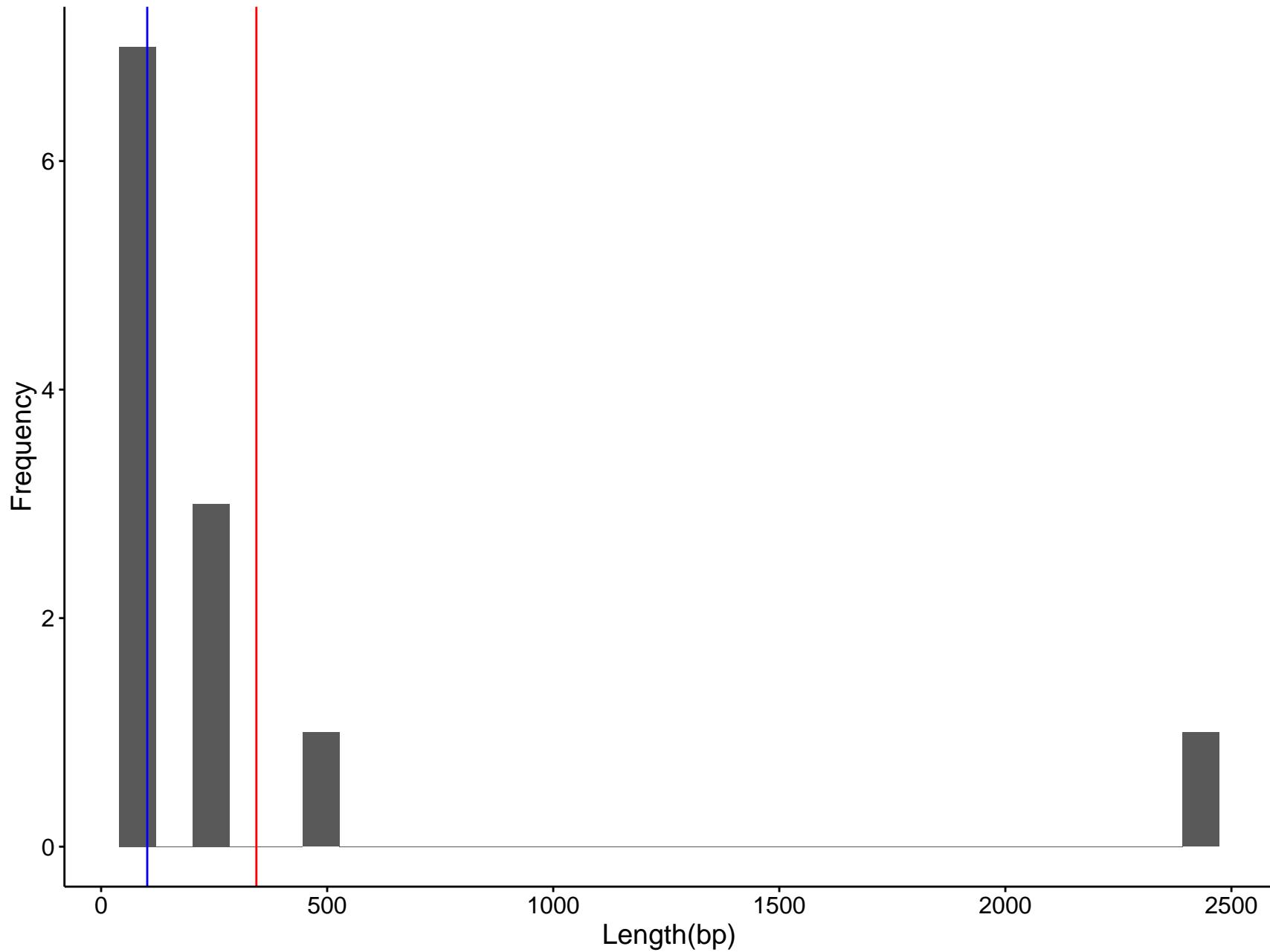


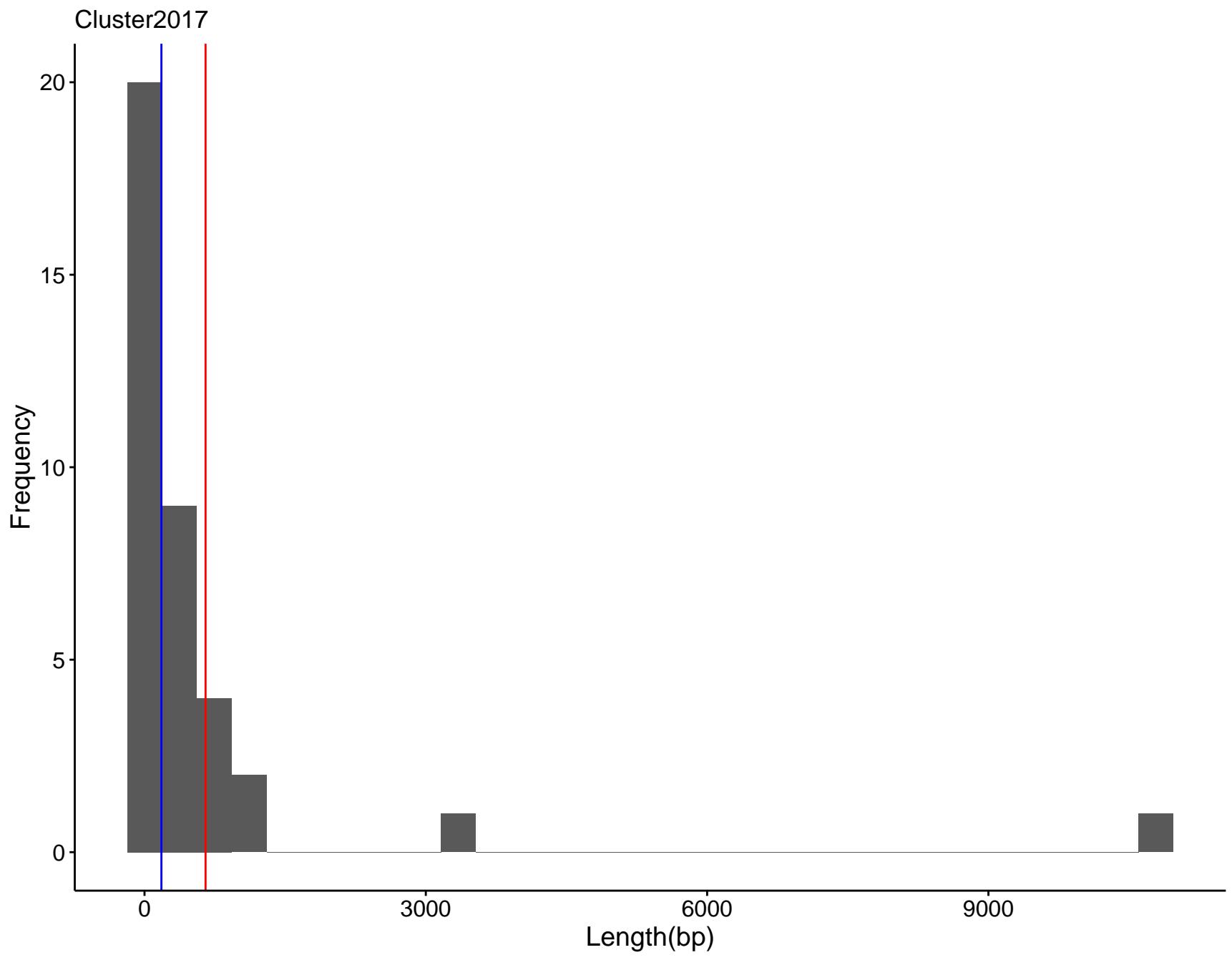
Cluster2013



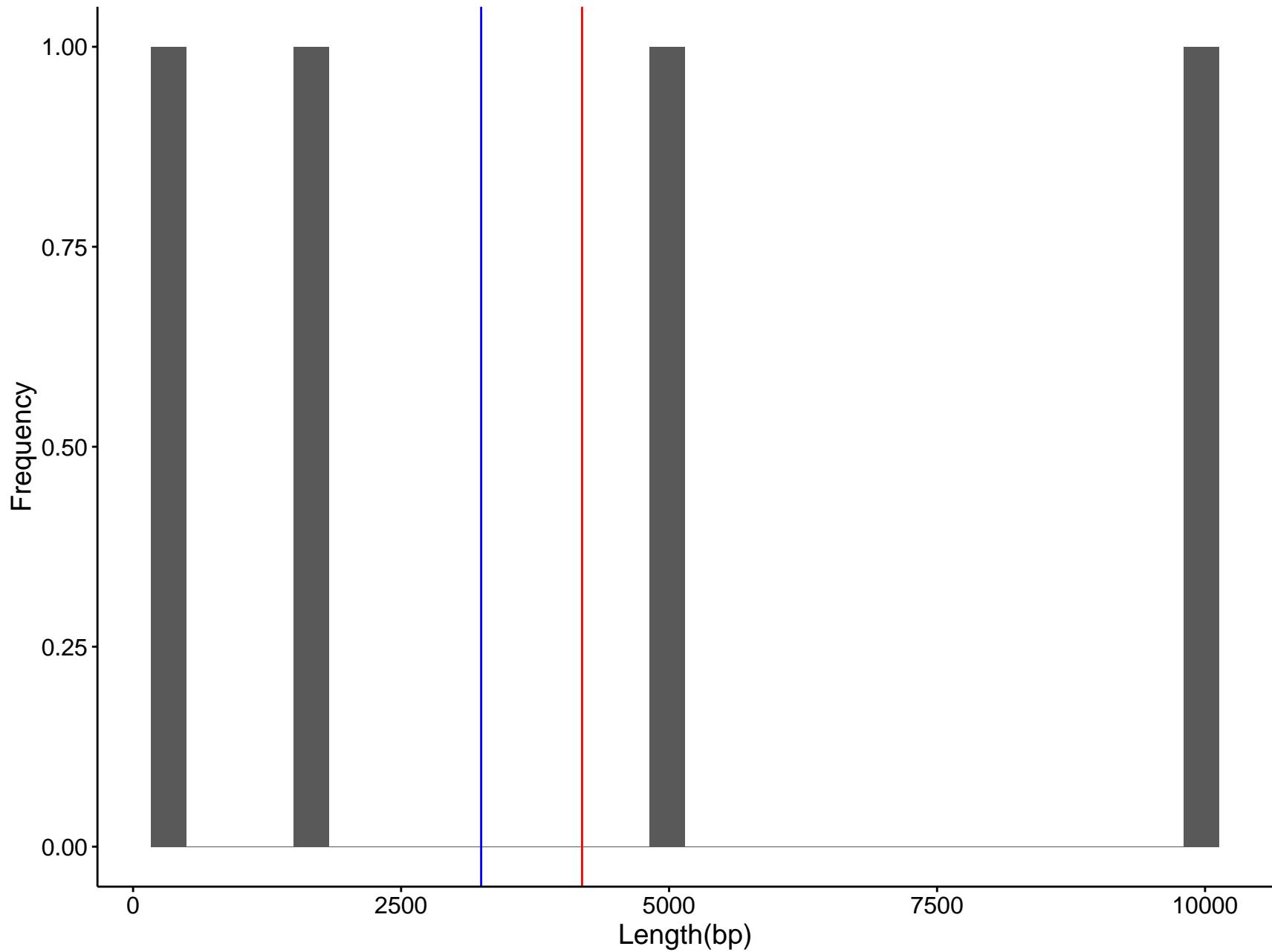


Cluster2016

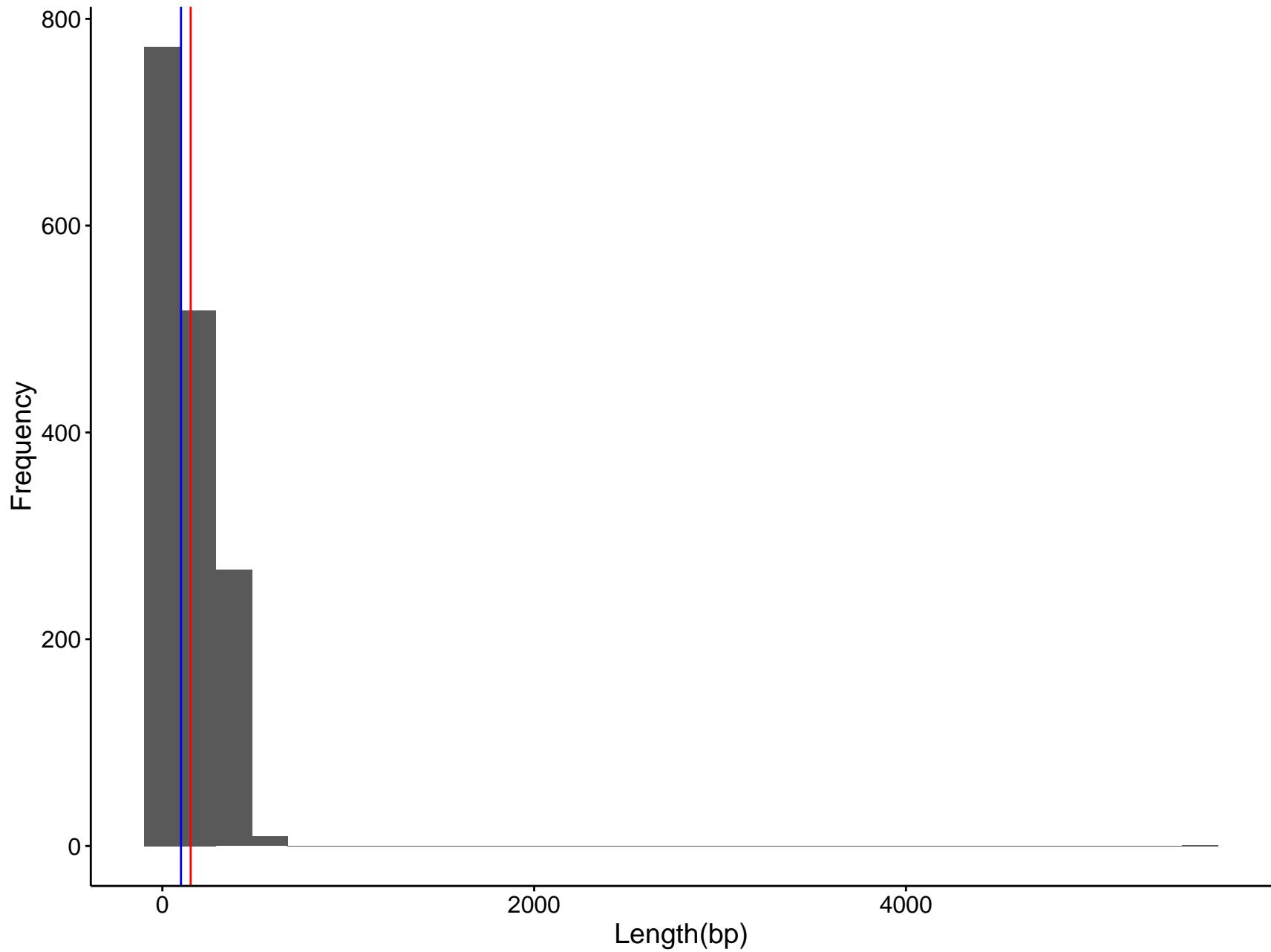




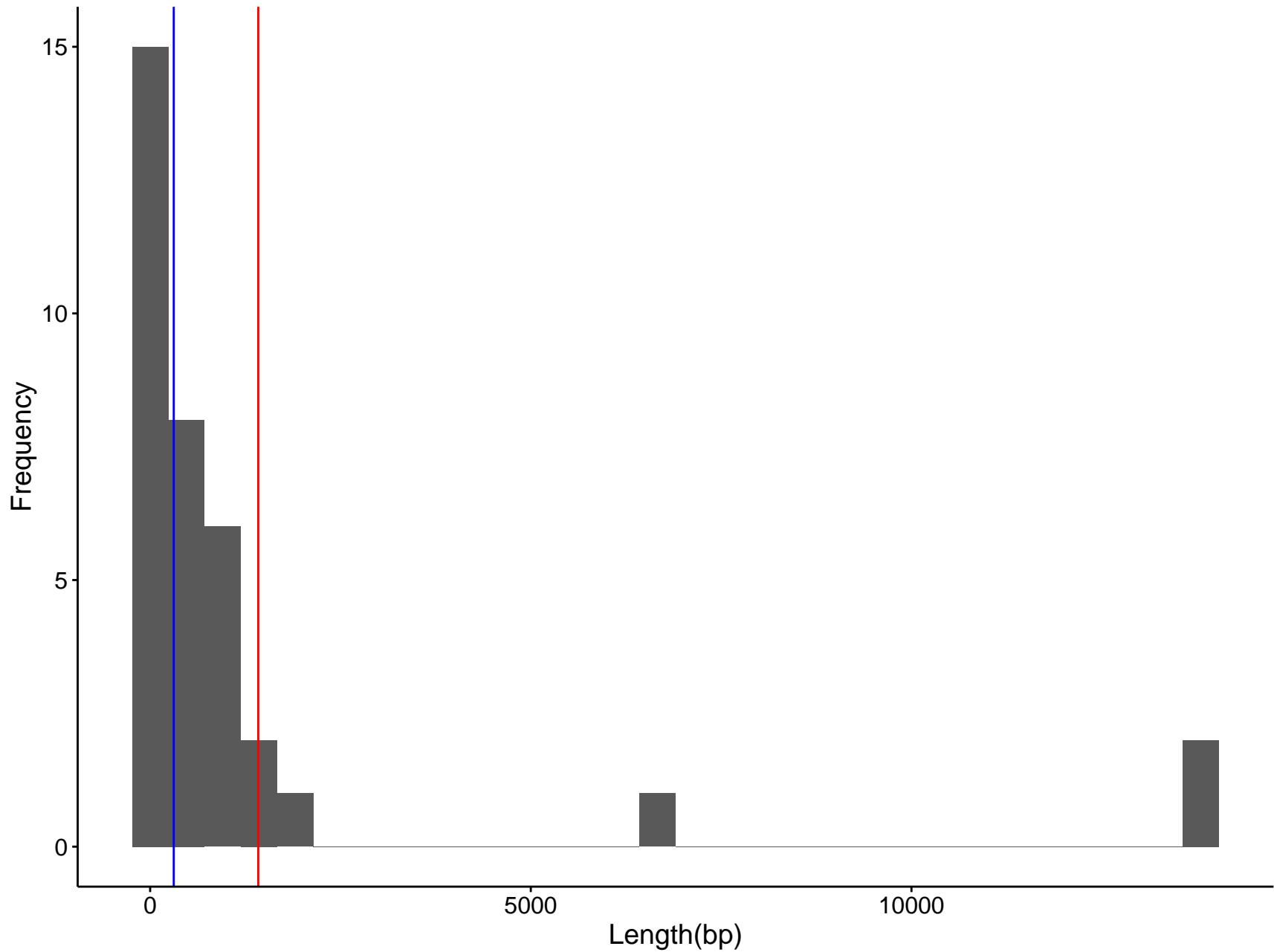
Cluster2019



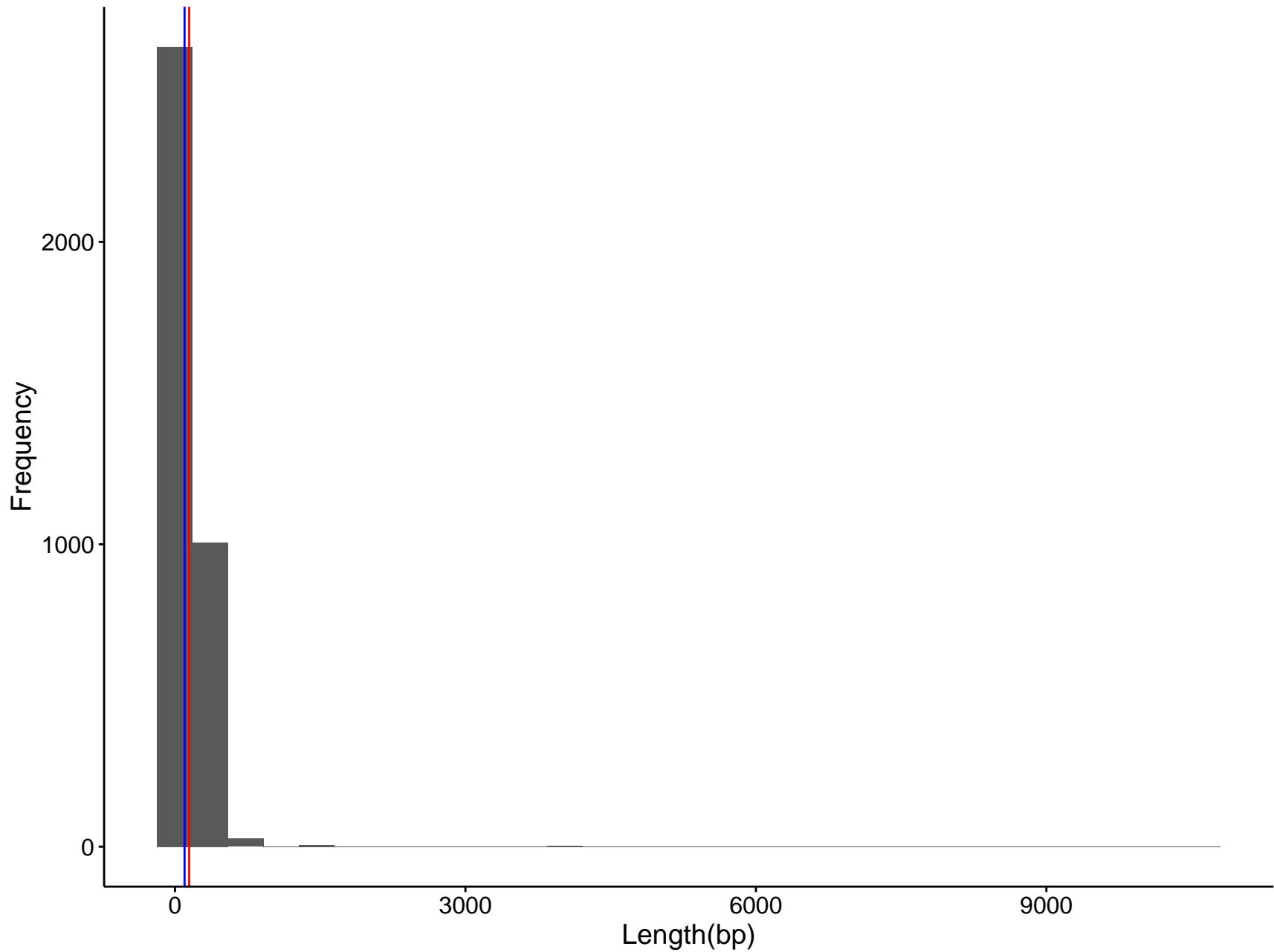
Cluster2020

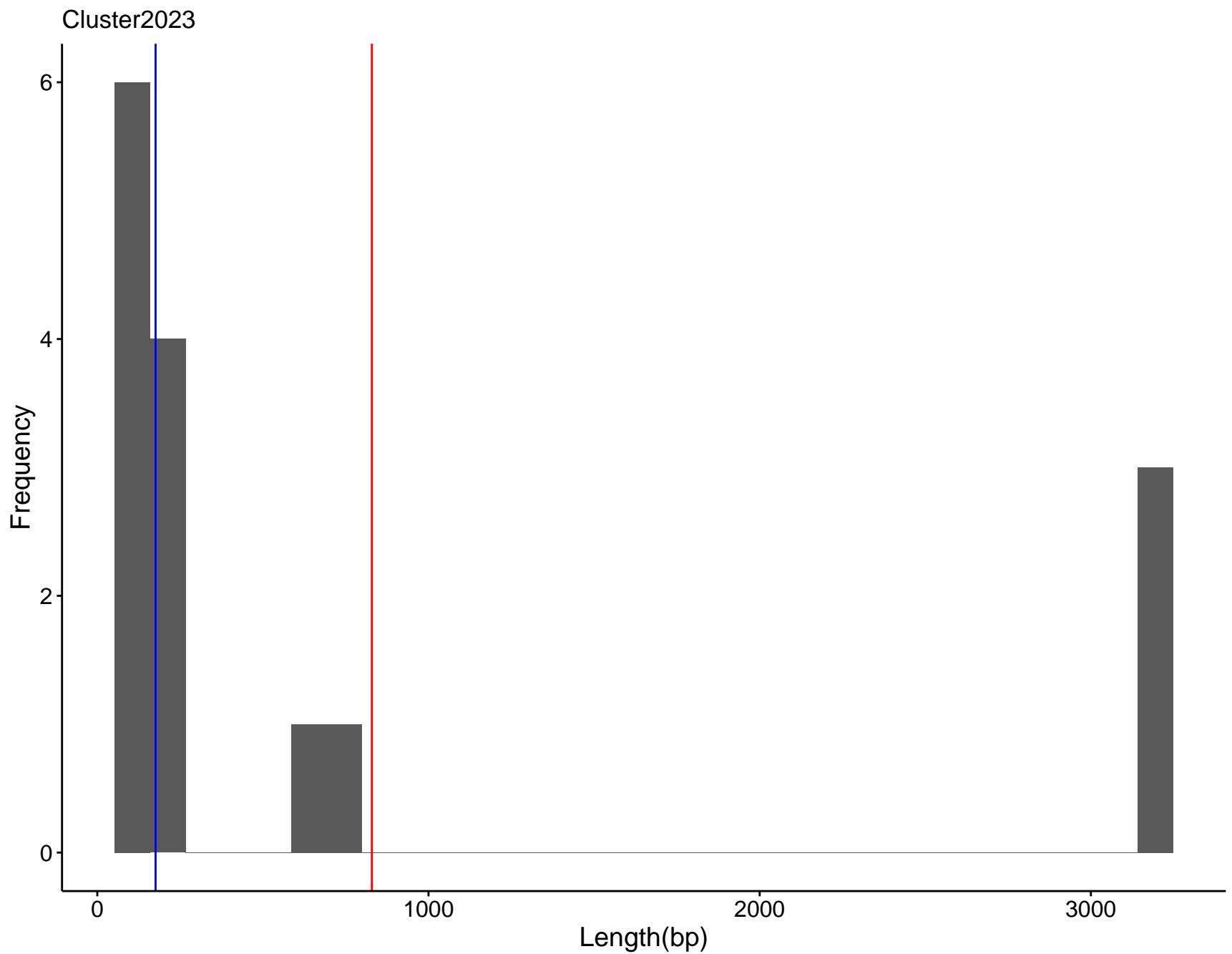


Cluster2021

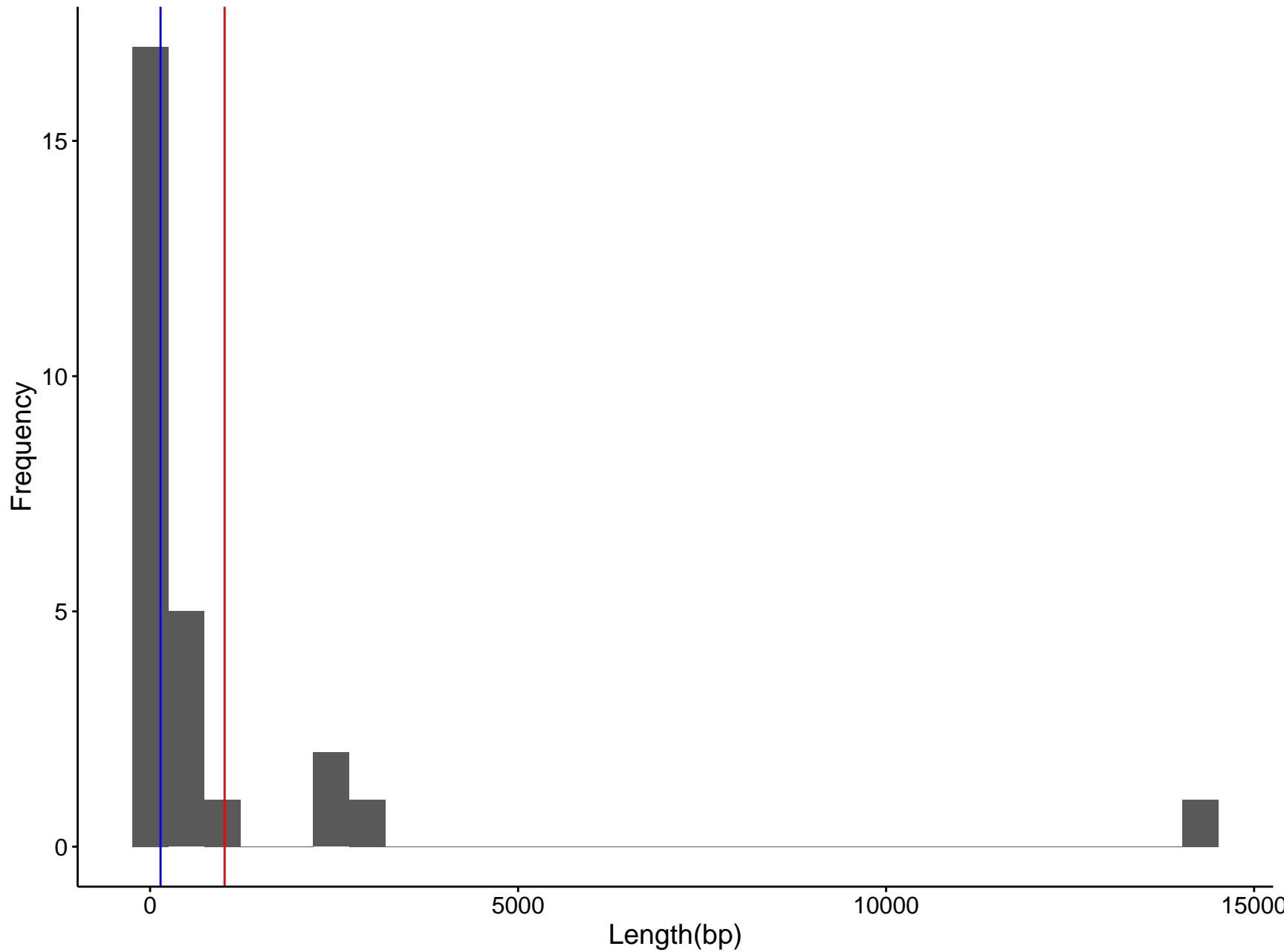


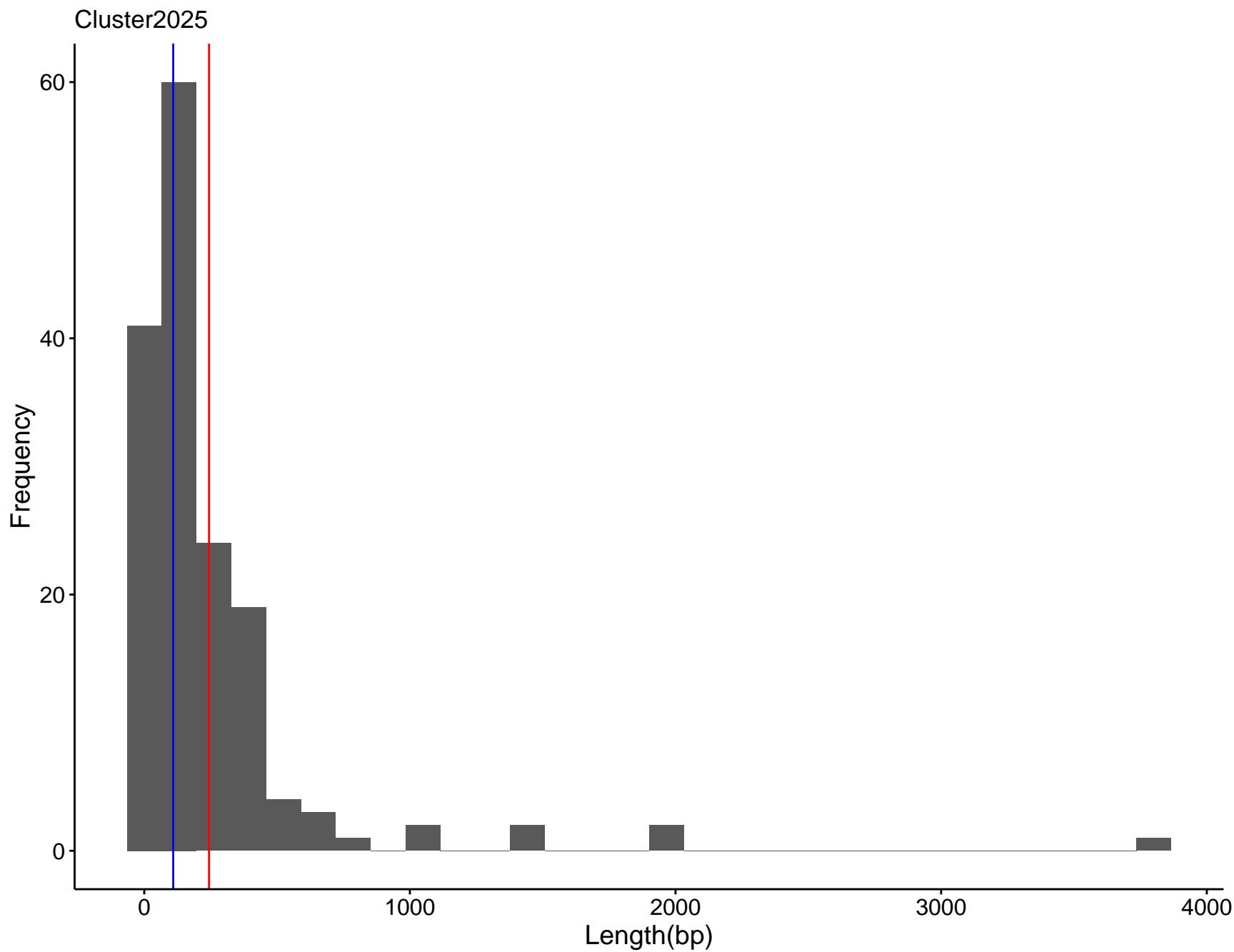
Cluster2022



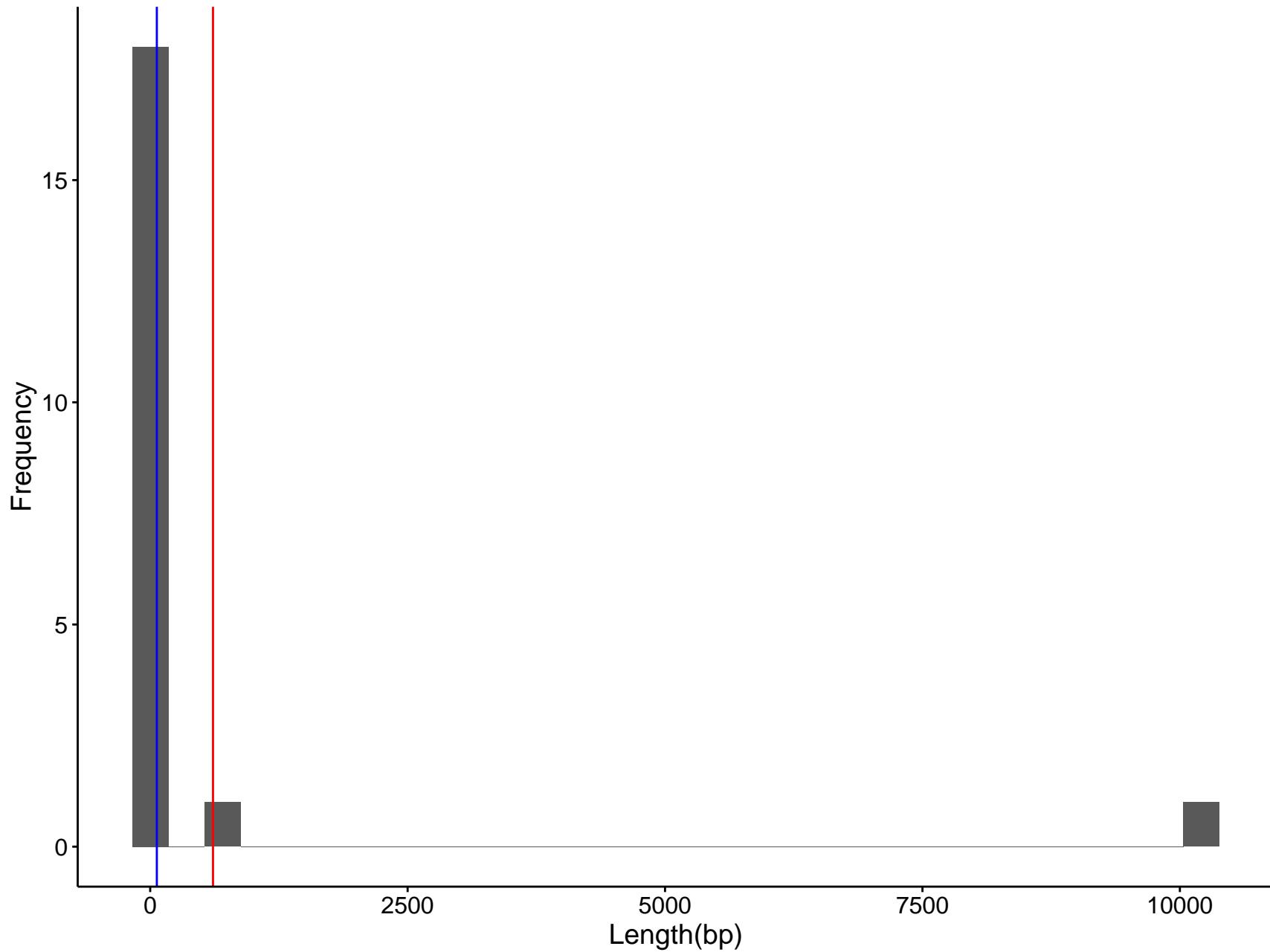


Cluster2024

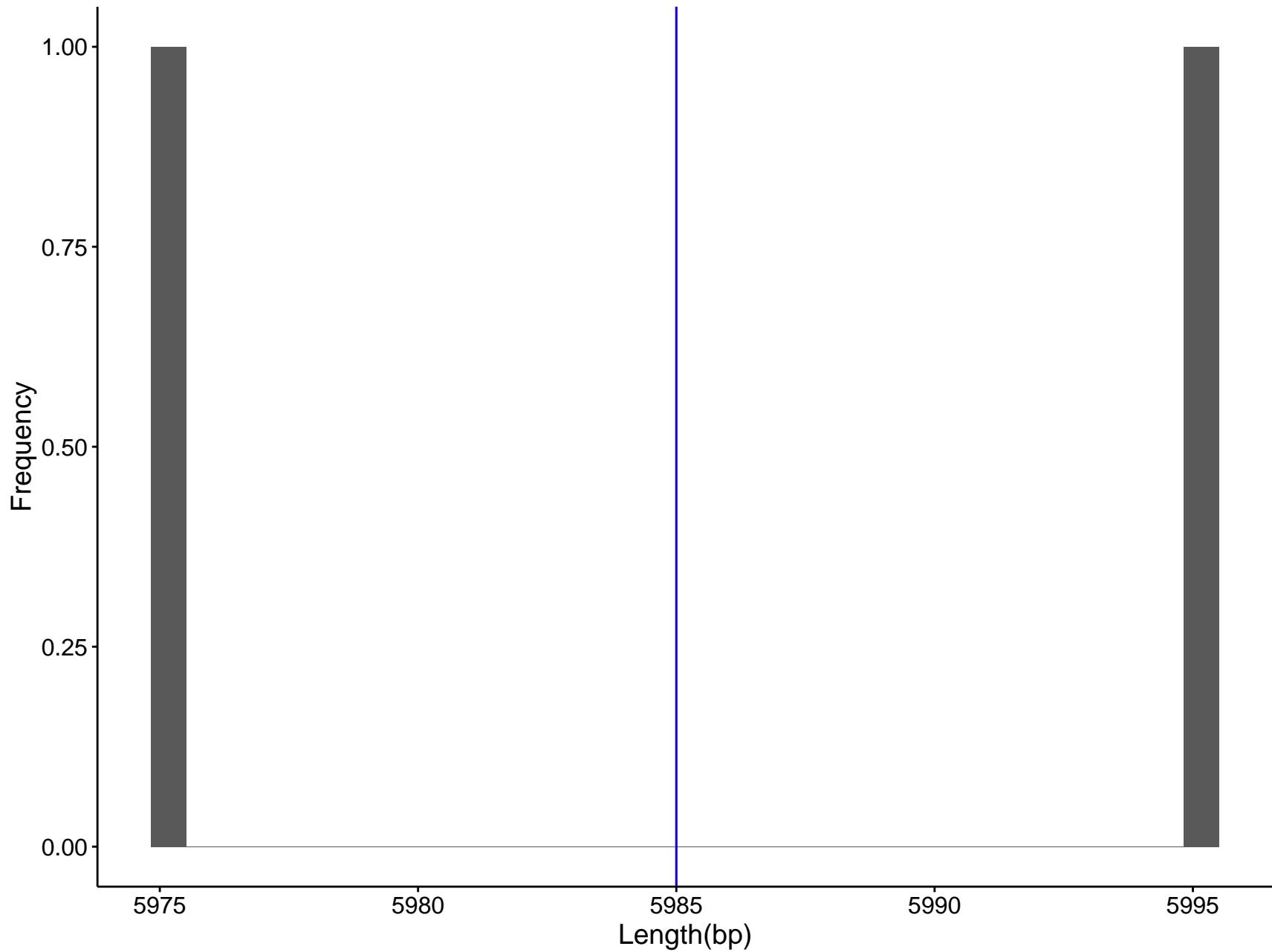




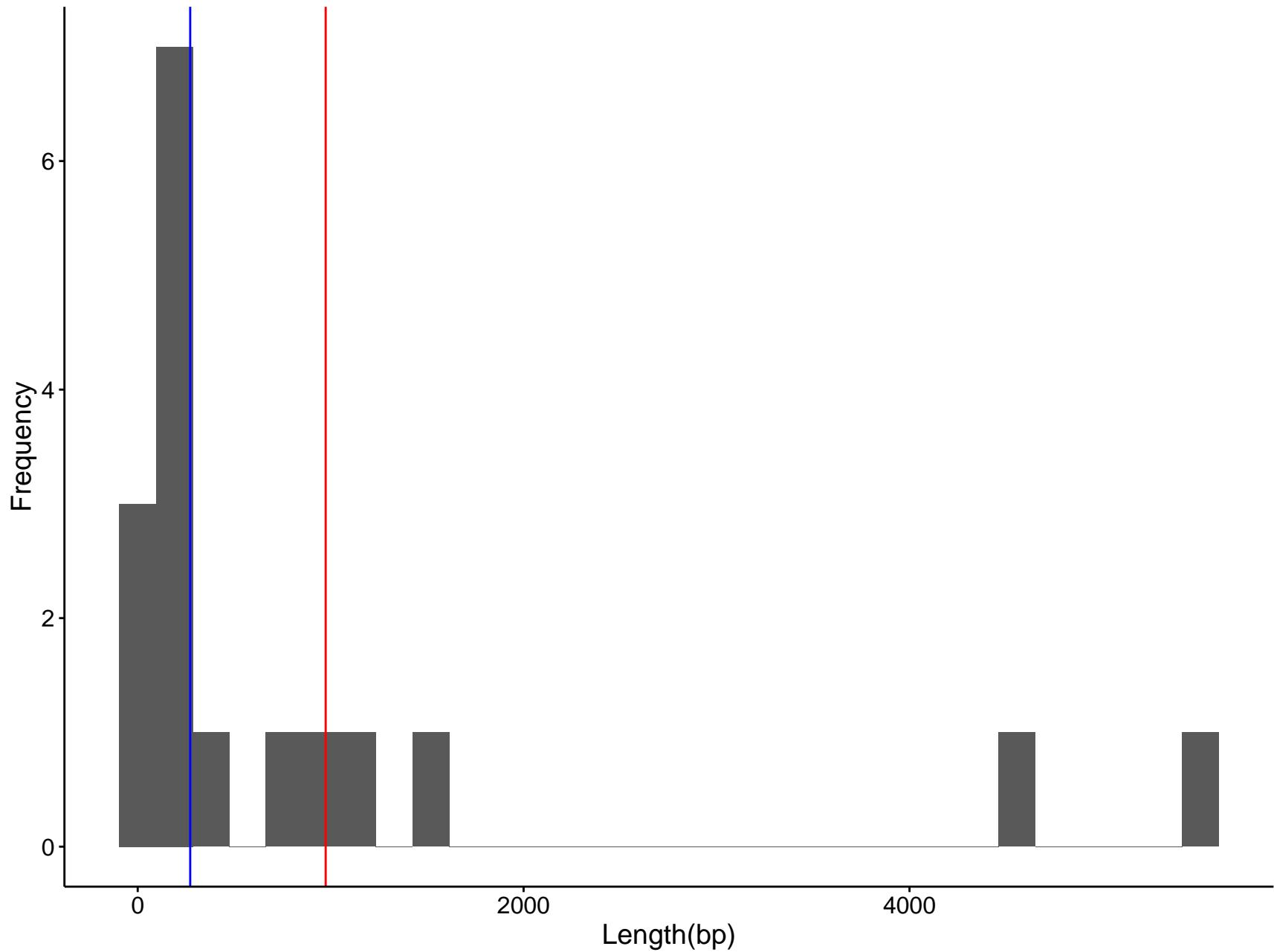
Cluster2026

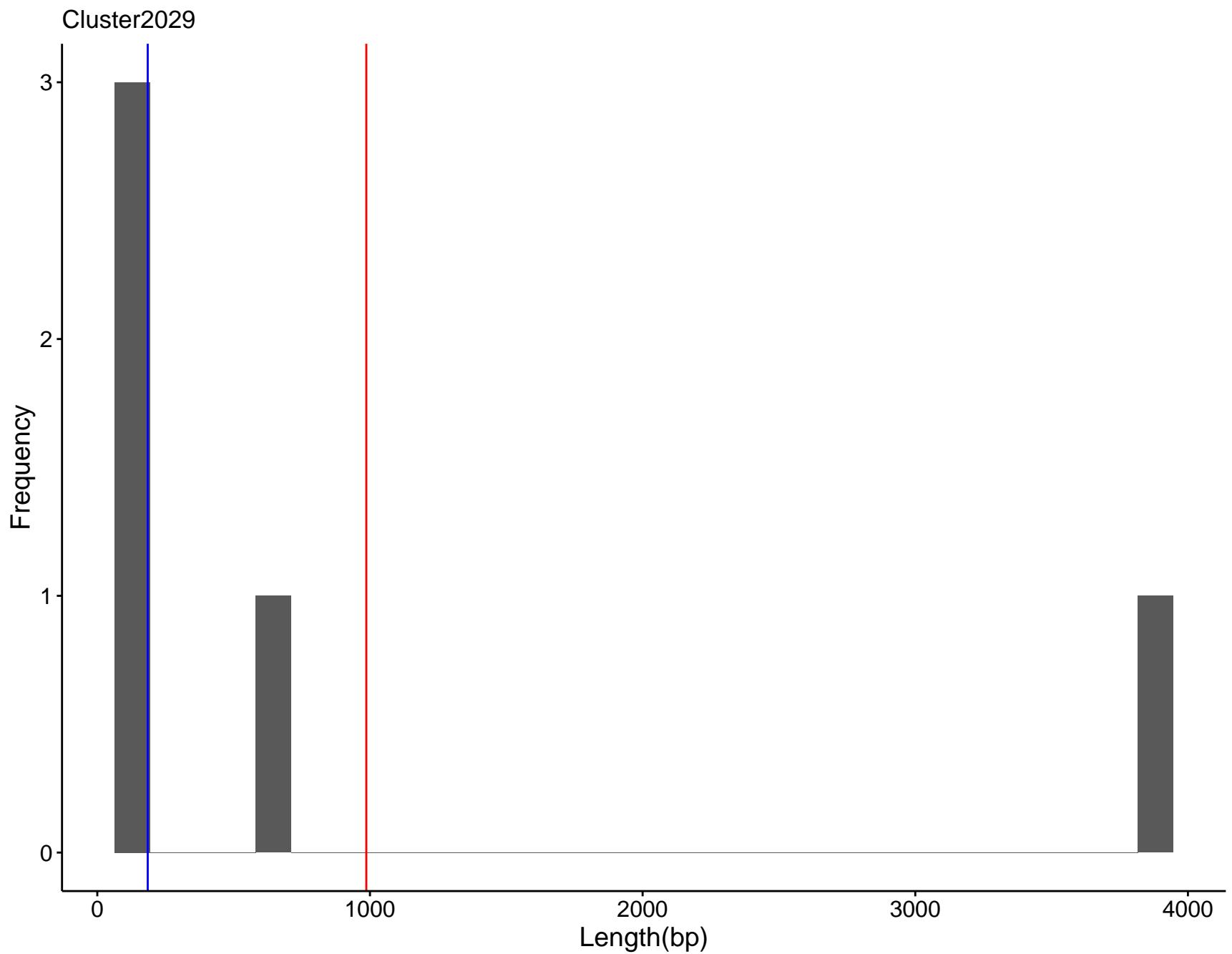


Cluster2027

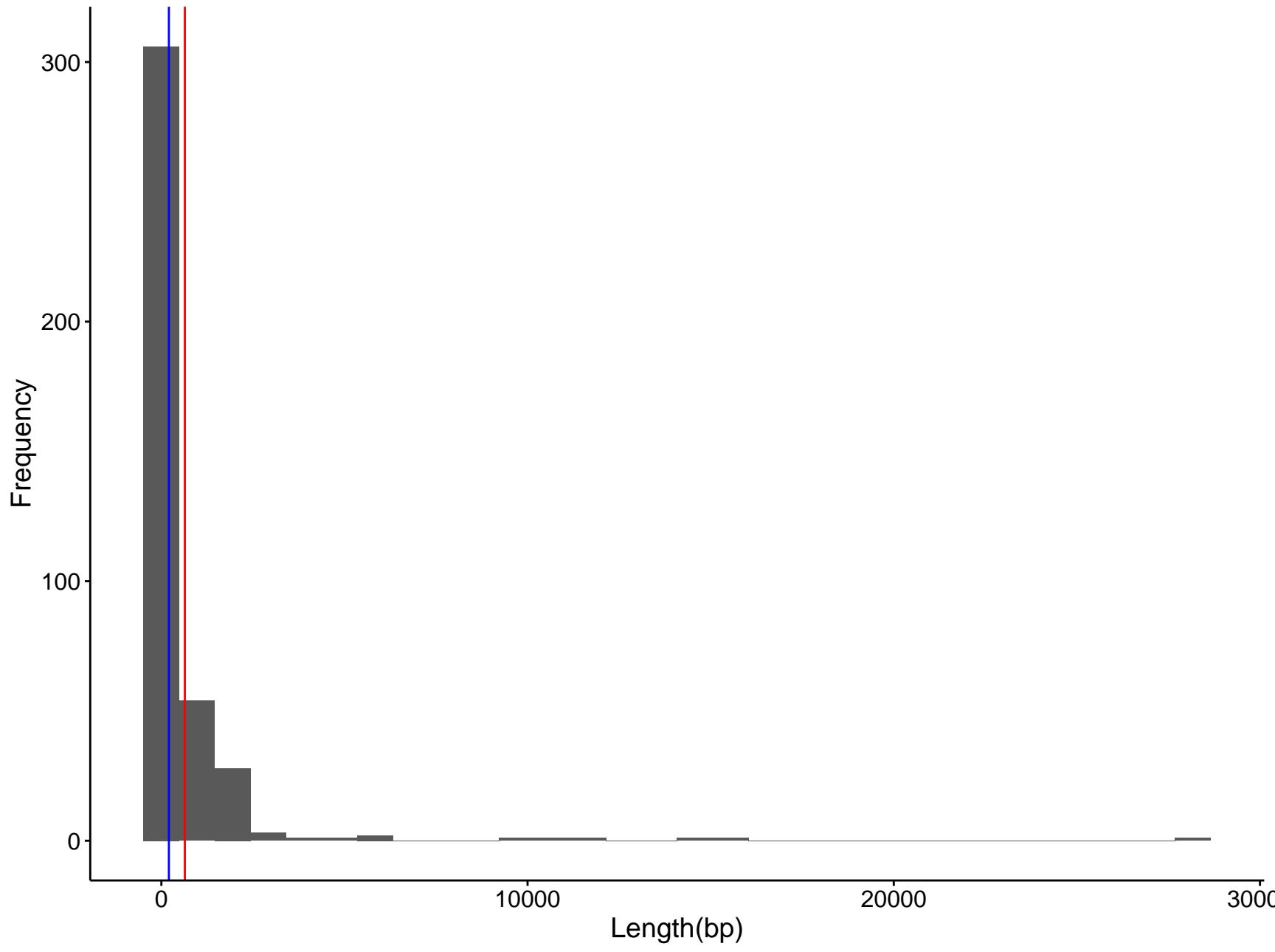


Cluster2028

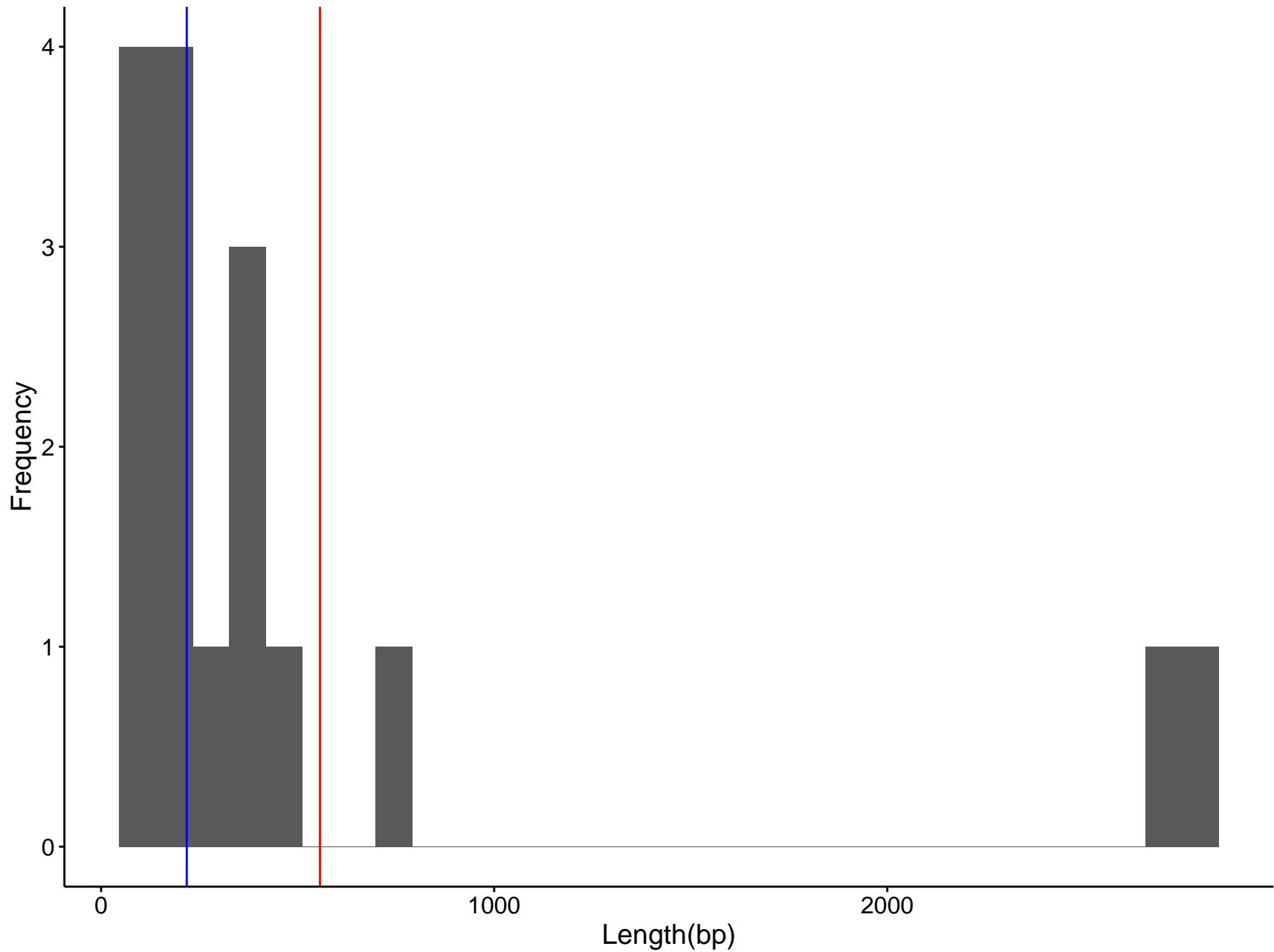




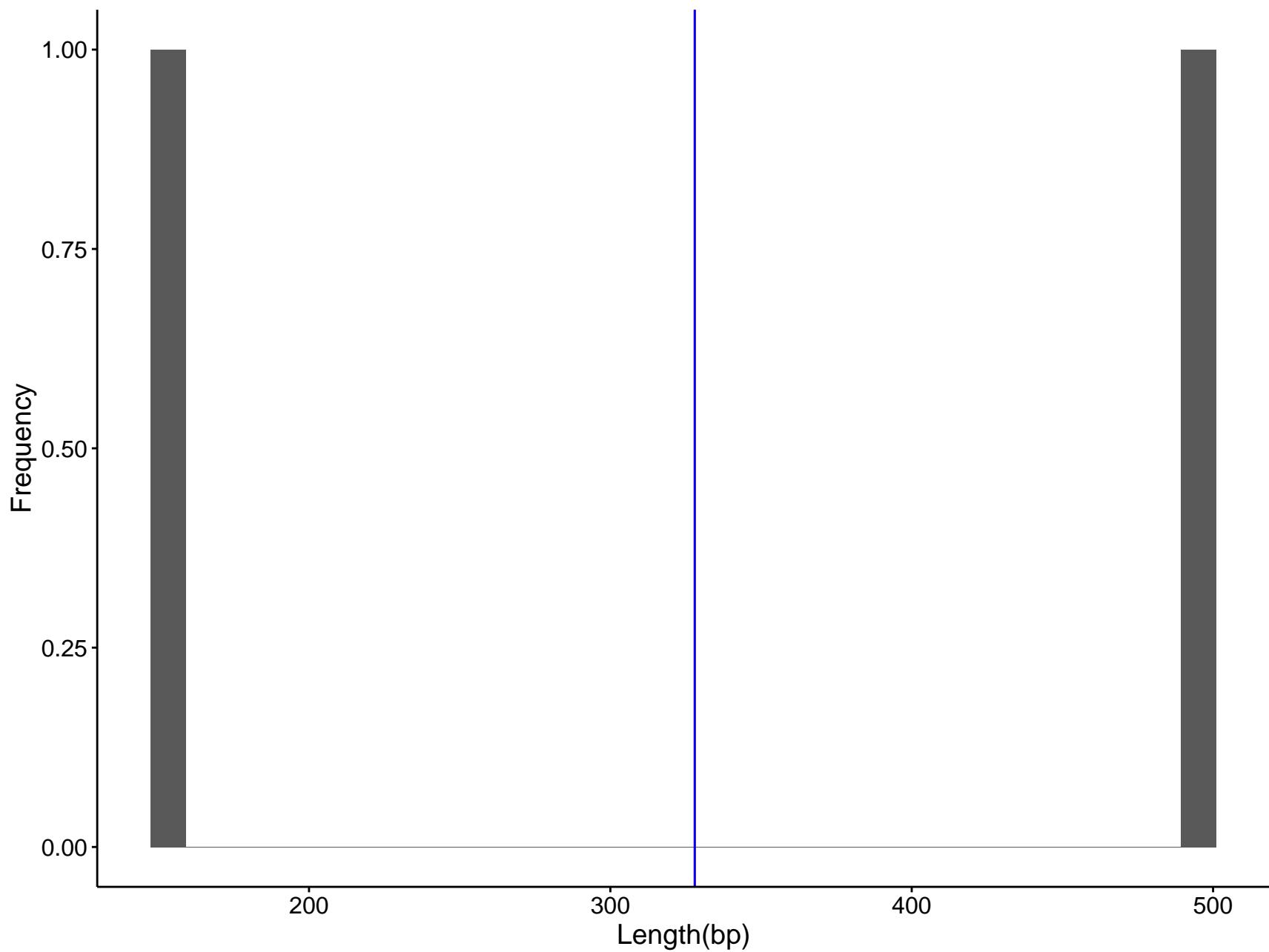
Cluster2030



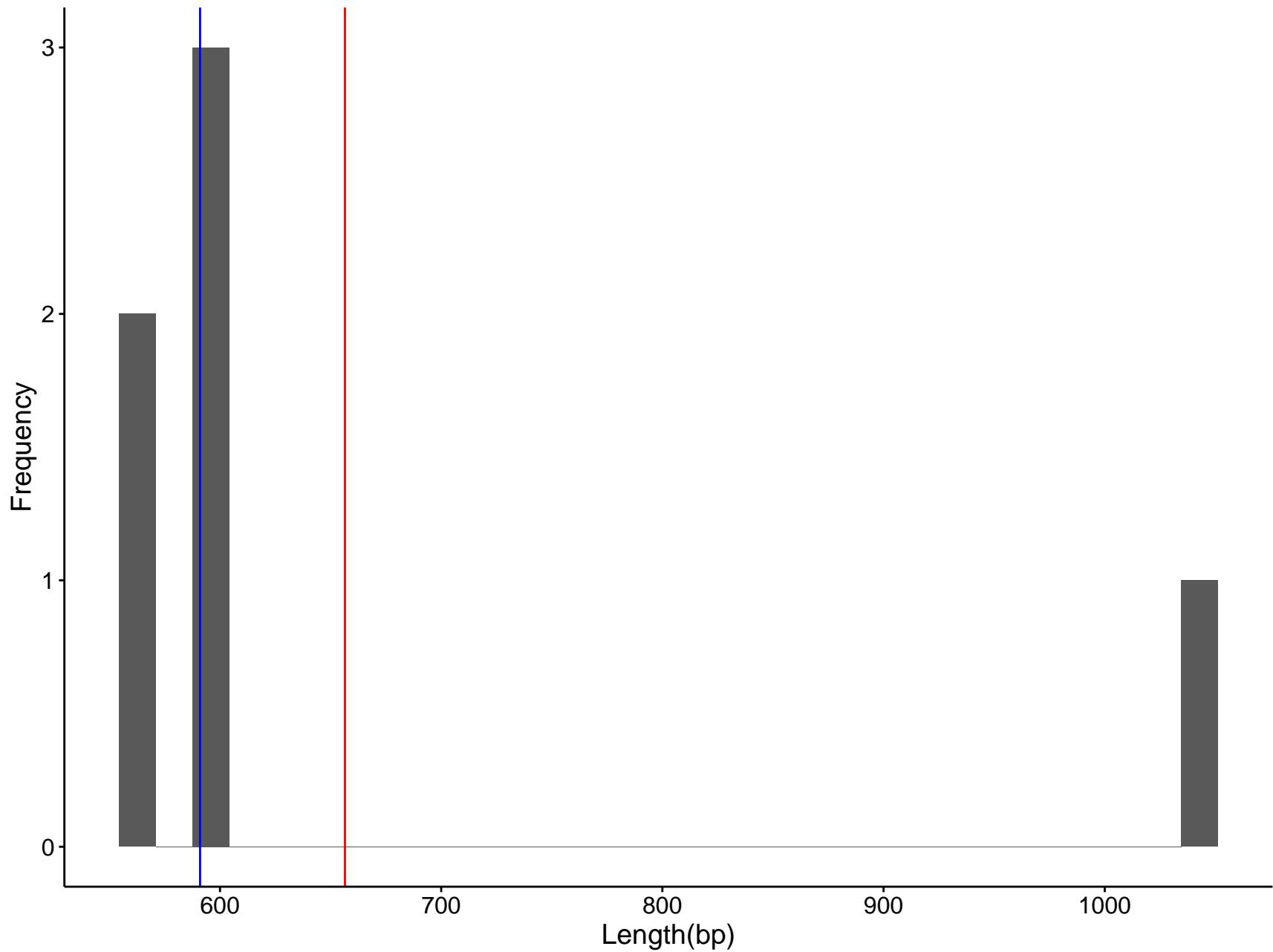
Cluster2031



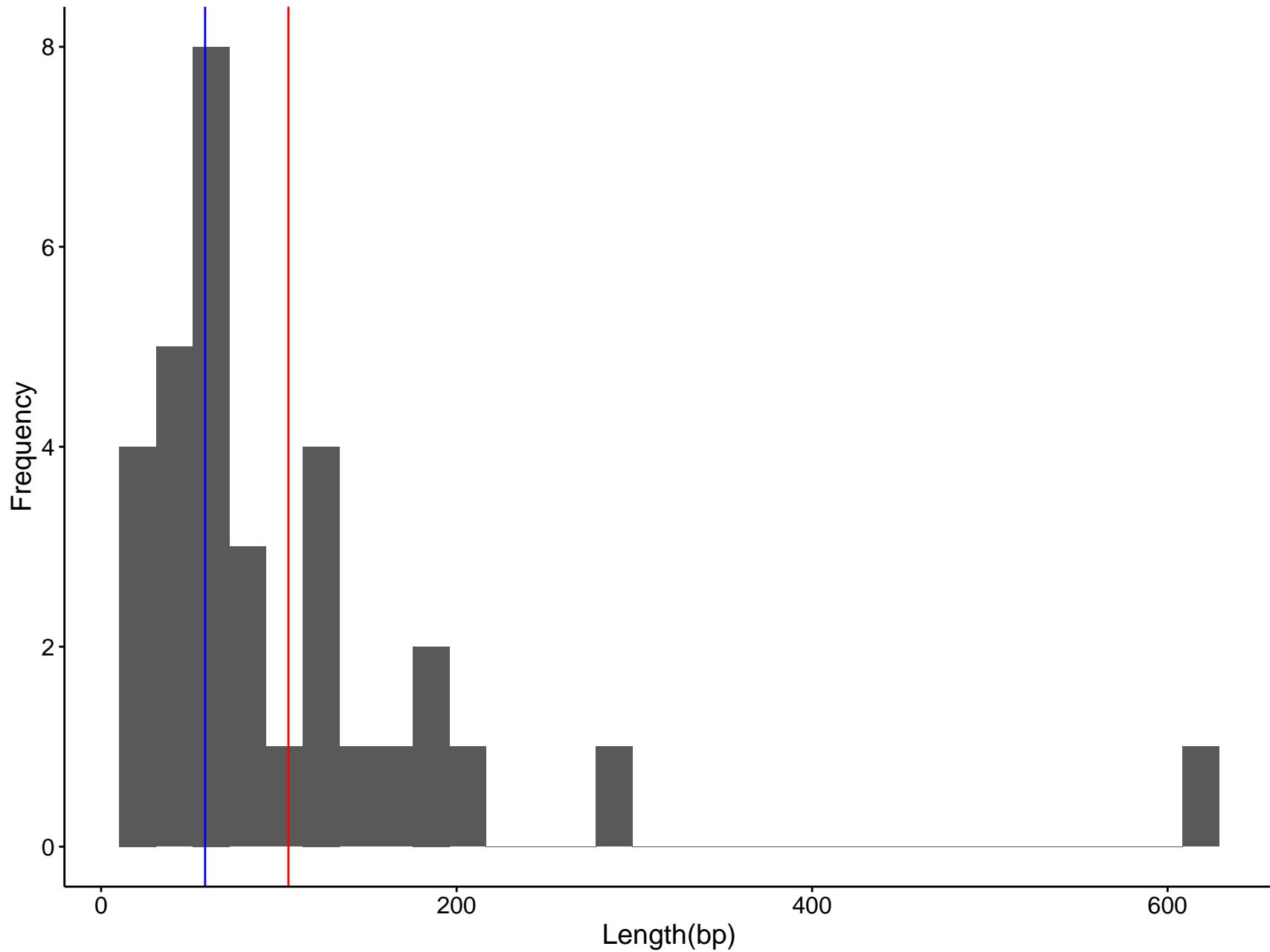
Cluster2032



Cluster2033



Cluster2034



Cluster2035

Frequency

1287.950

1287.975

1288.000

1288.025

1288.

Length(bp)



Cluster2036

Frequency

1593.950

1593.975

1594.000

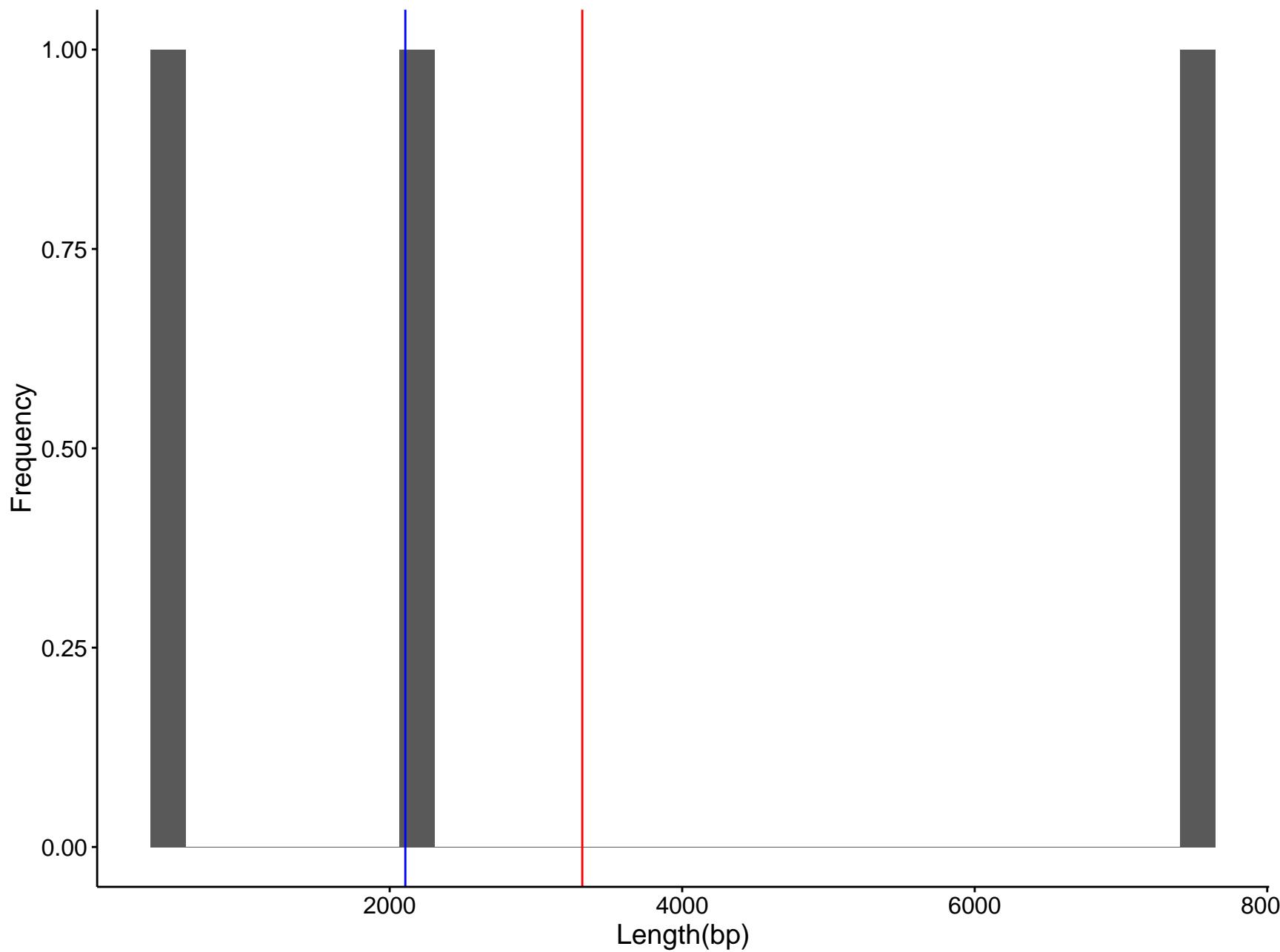
1594.025

1594.

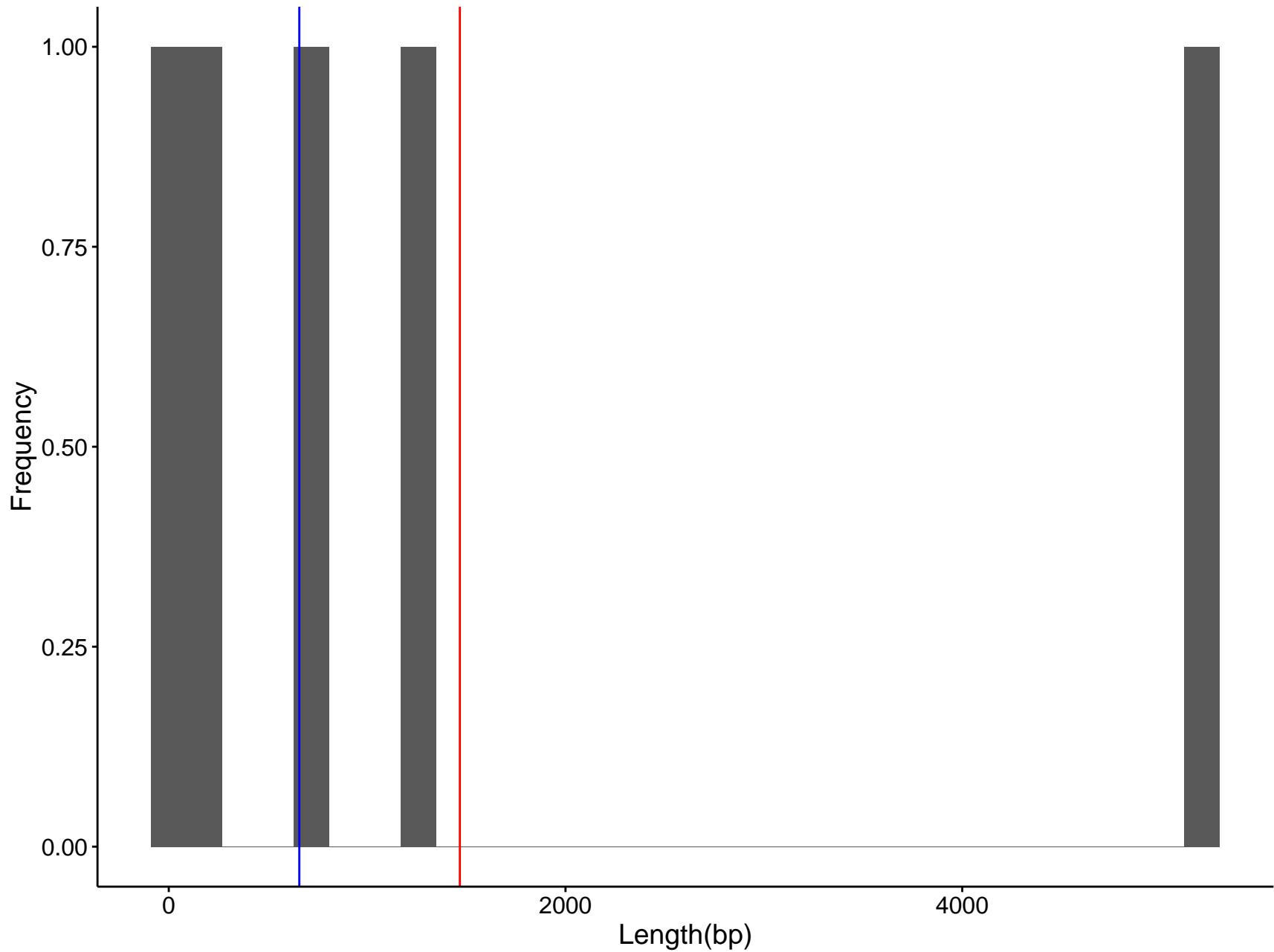
Length(bp)



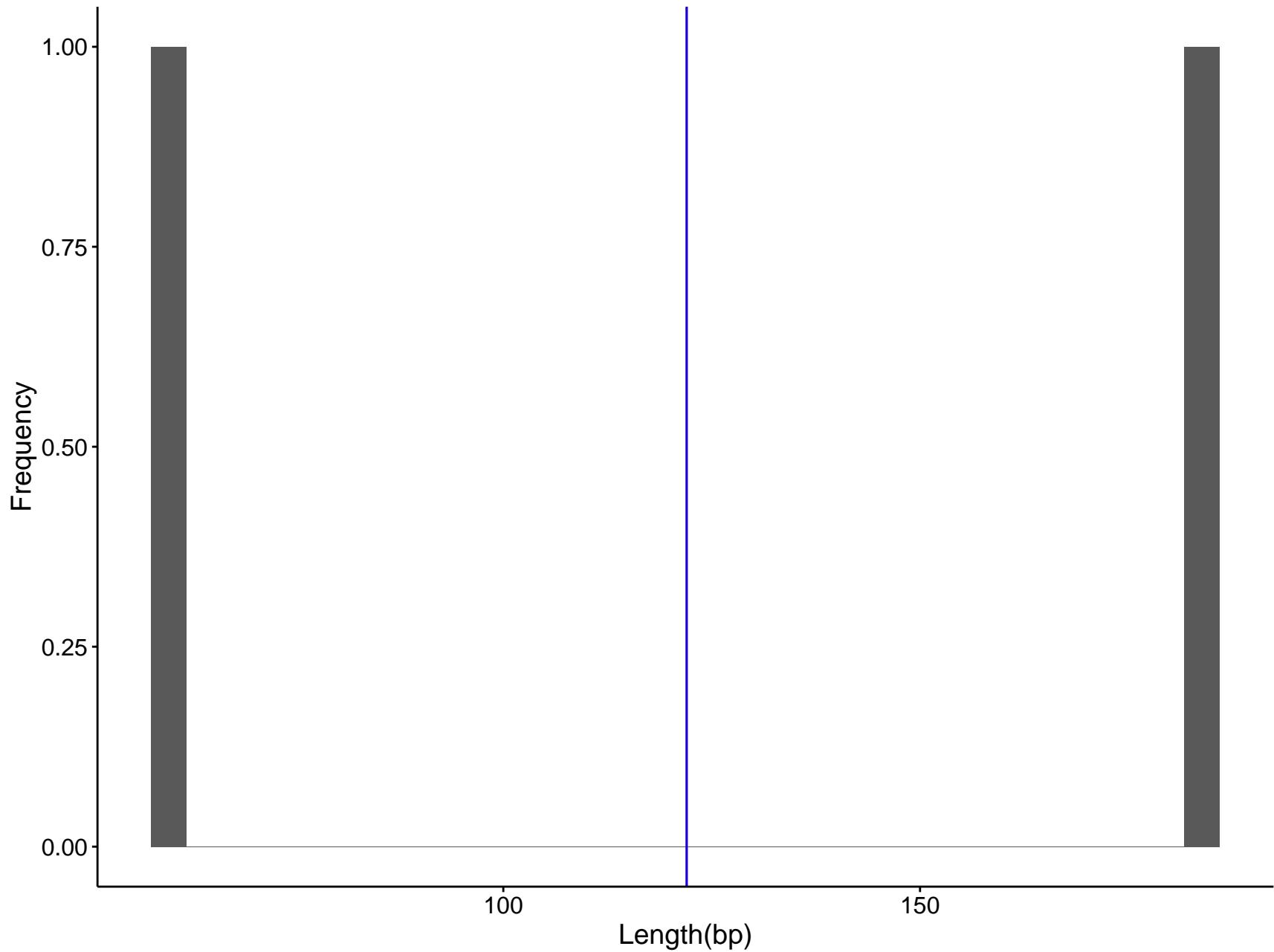
Cluster2037



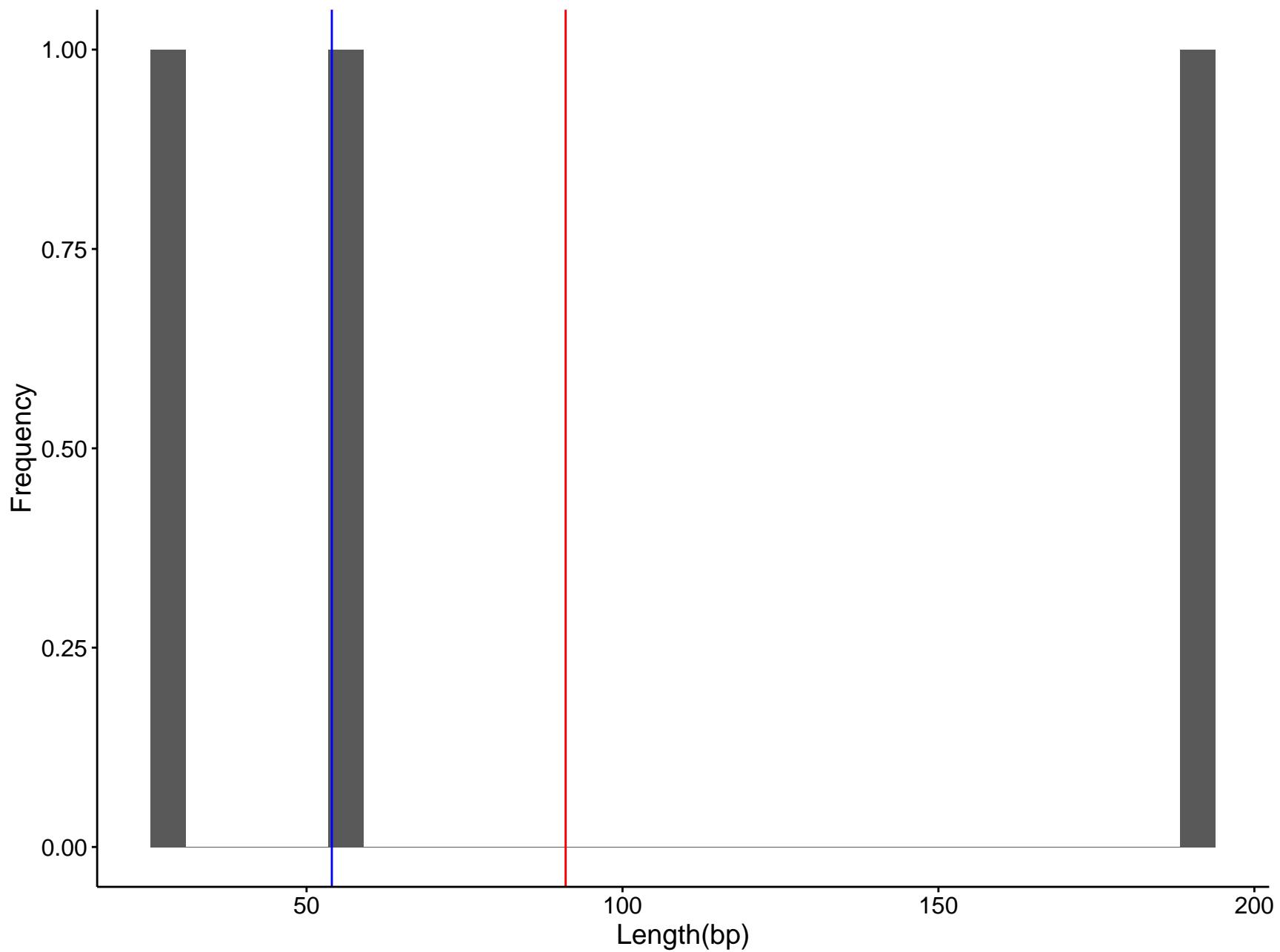
Cluster2038



Cluster2039



Cluster2040



Cluster2045

Frequency

60.950

60.975

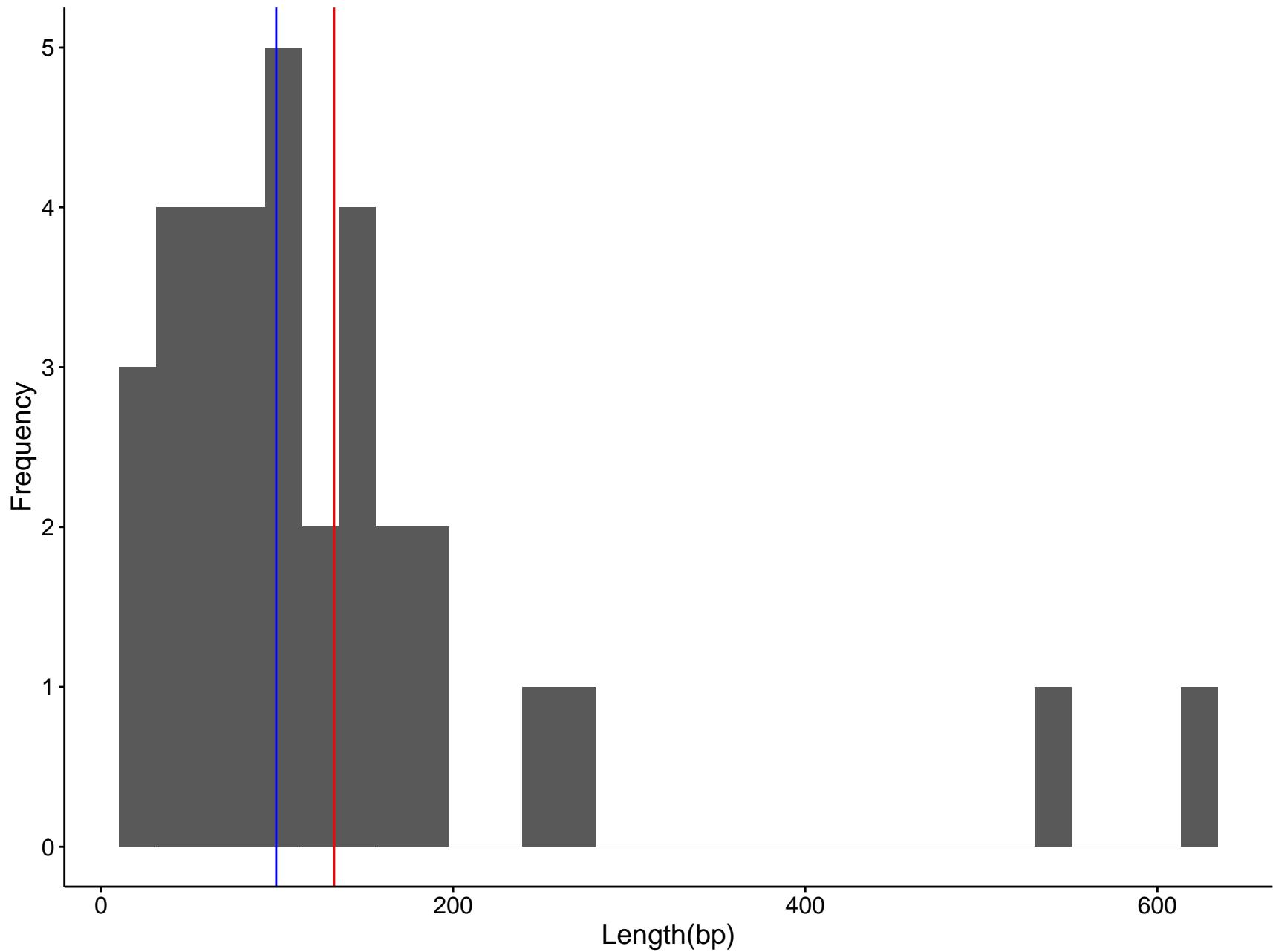
61.000

61.025

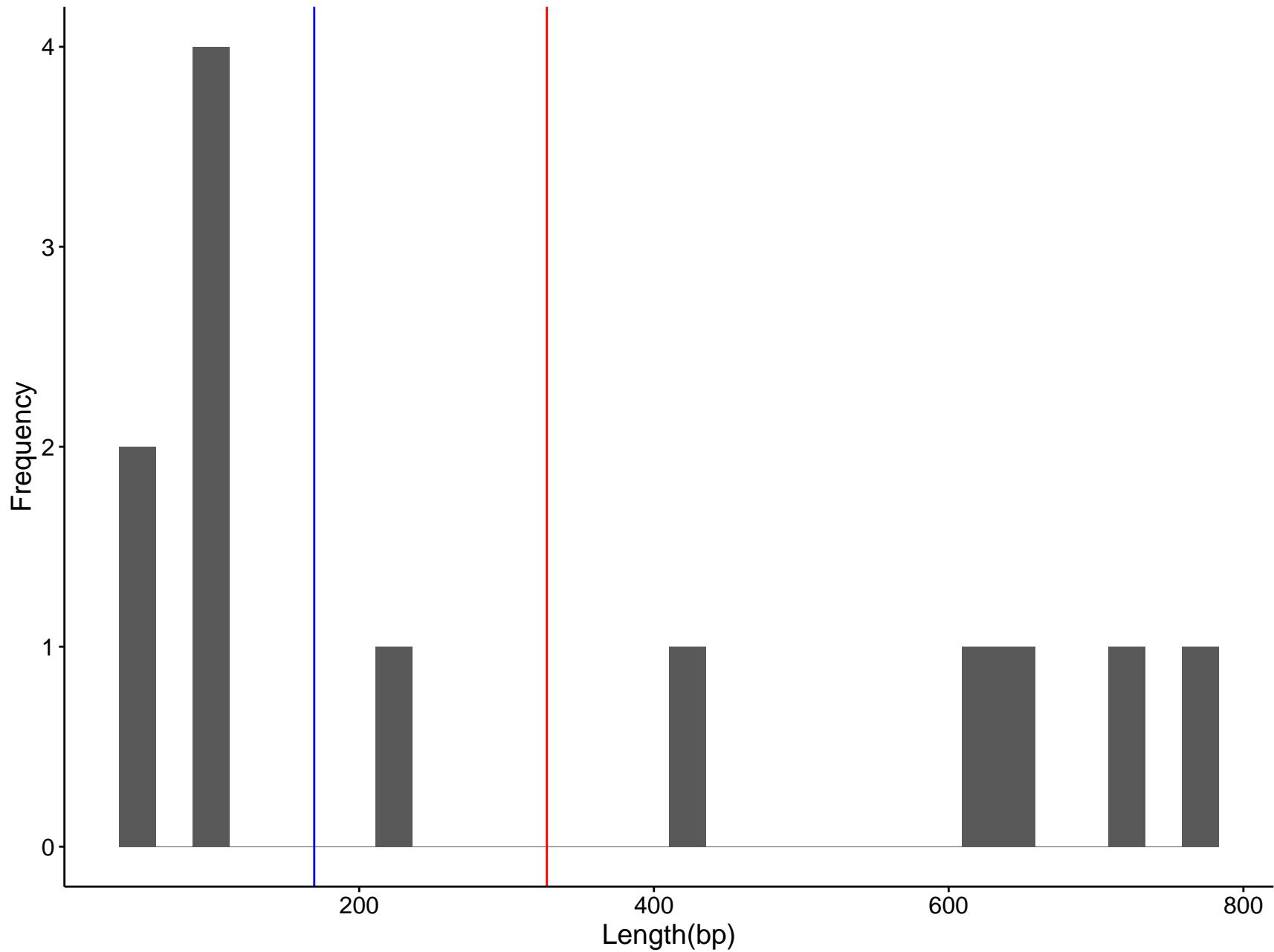
Length(bp)



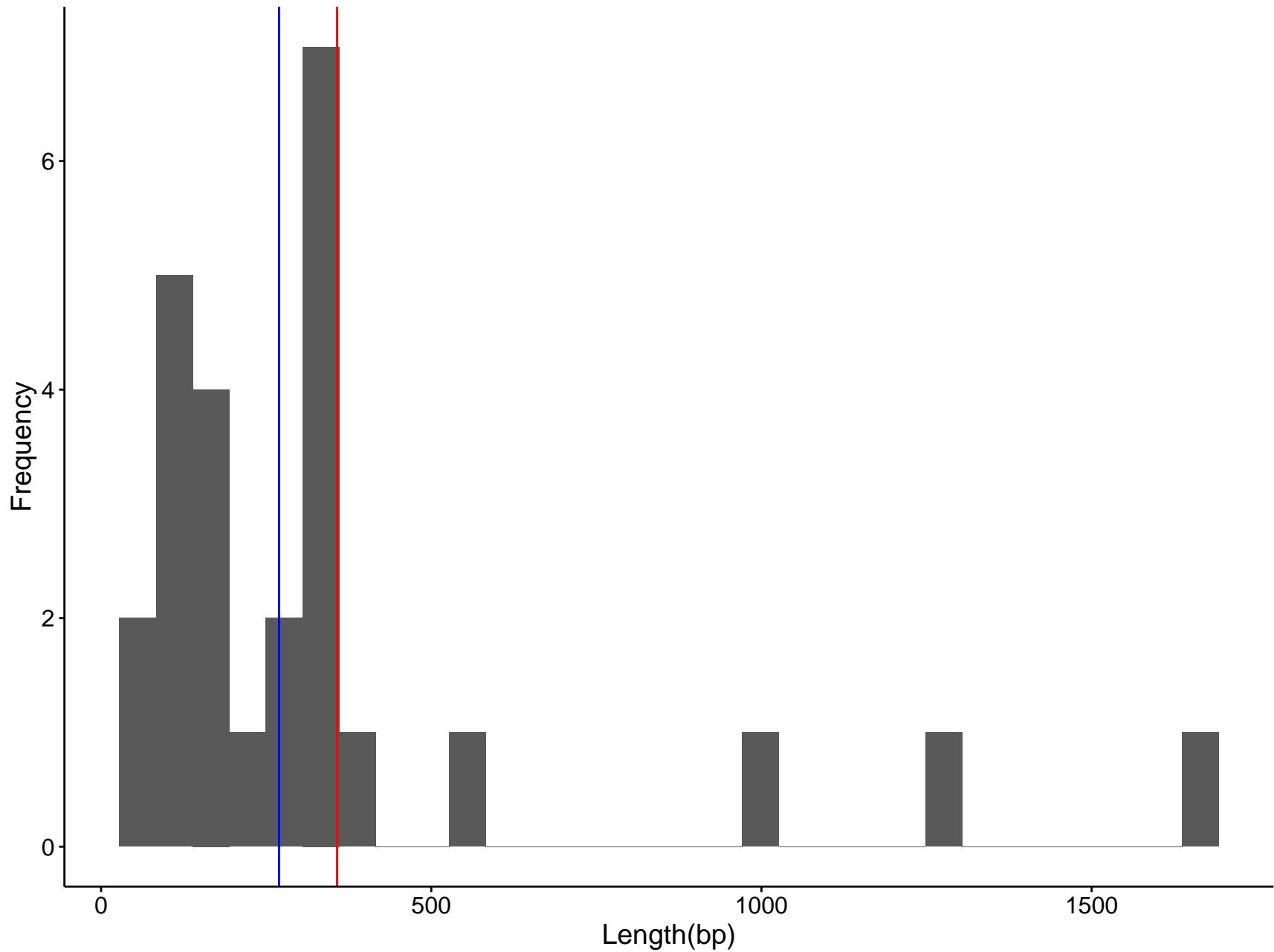
Cluster2049



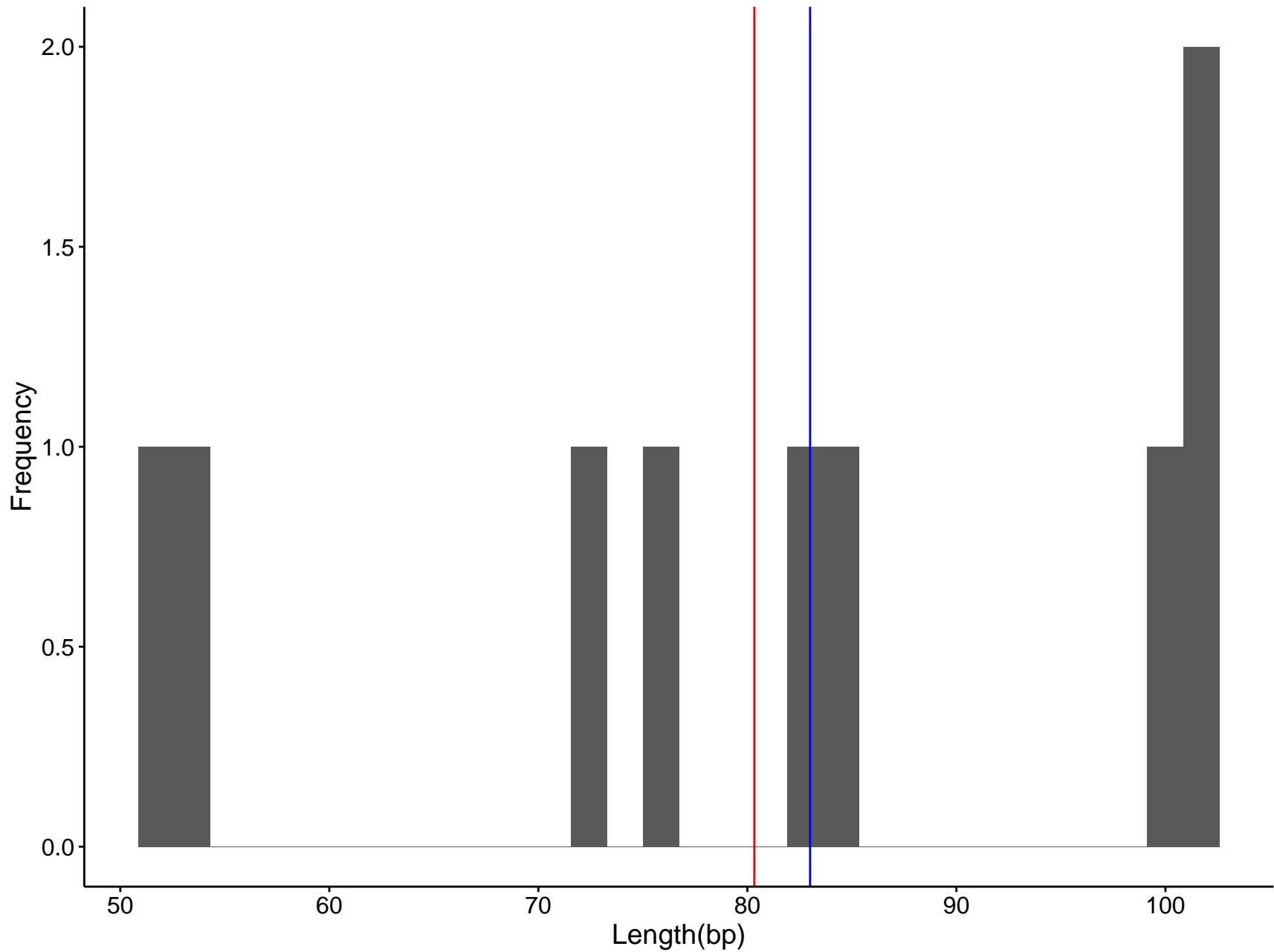
Cluster2057



Cluster2058



Cluster2059



Cluster205

Frequency

45.950

45.975

46.000

46.025

Length(bp)



Cluster2060

Frequency

71.950

71.975

72.000

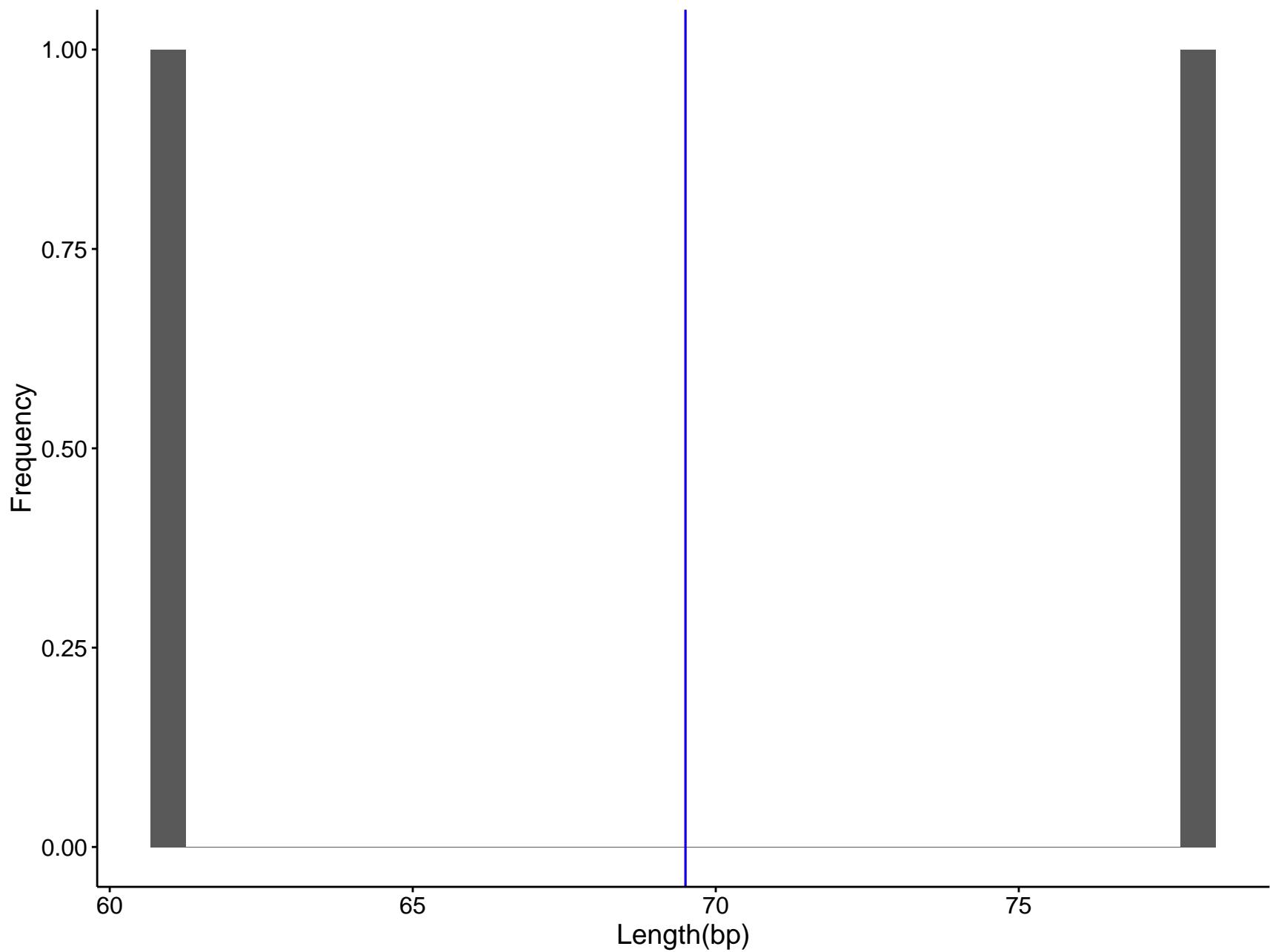
72.025

72.0

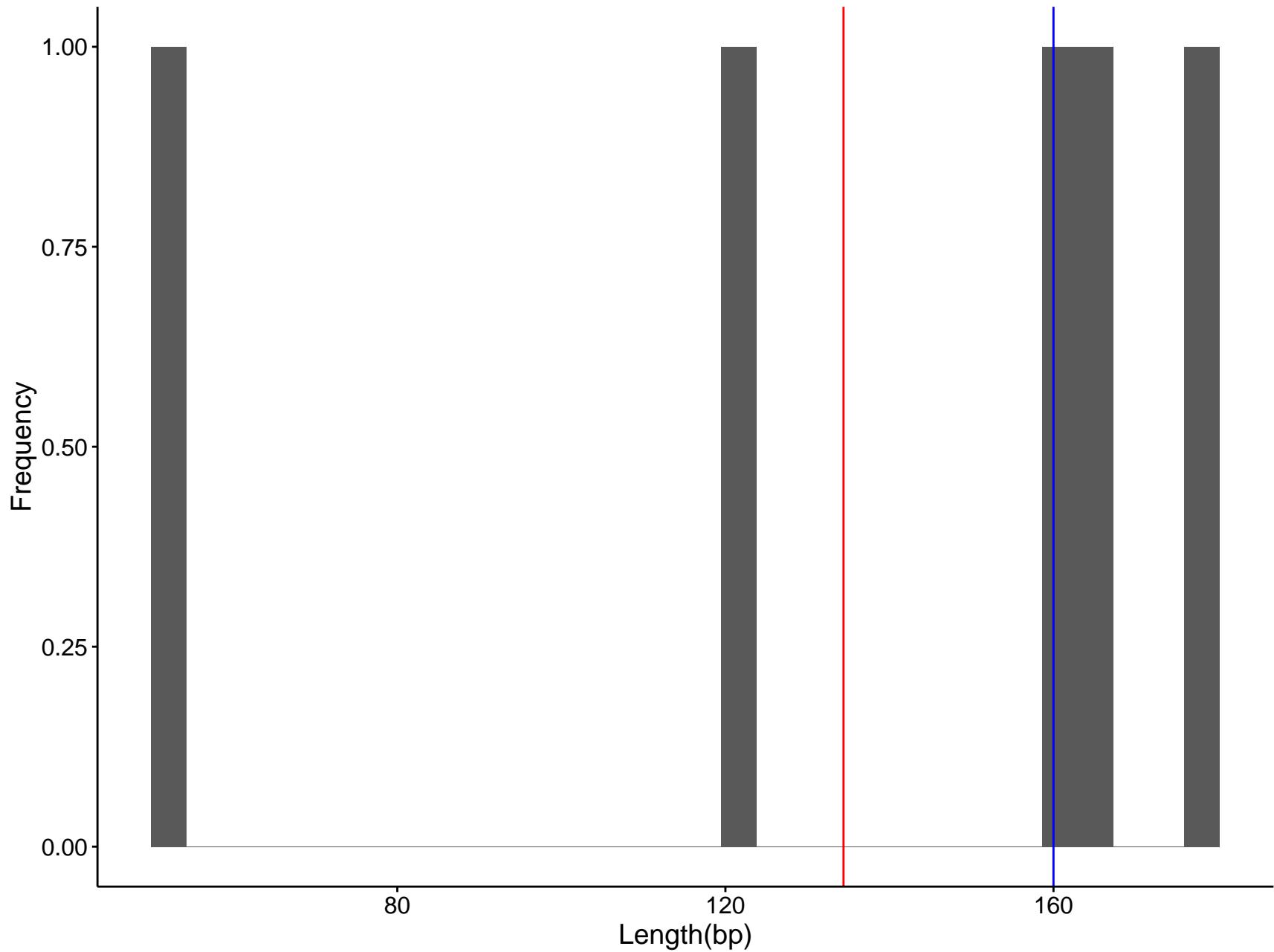
Length(bp)



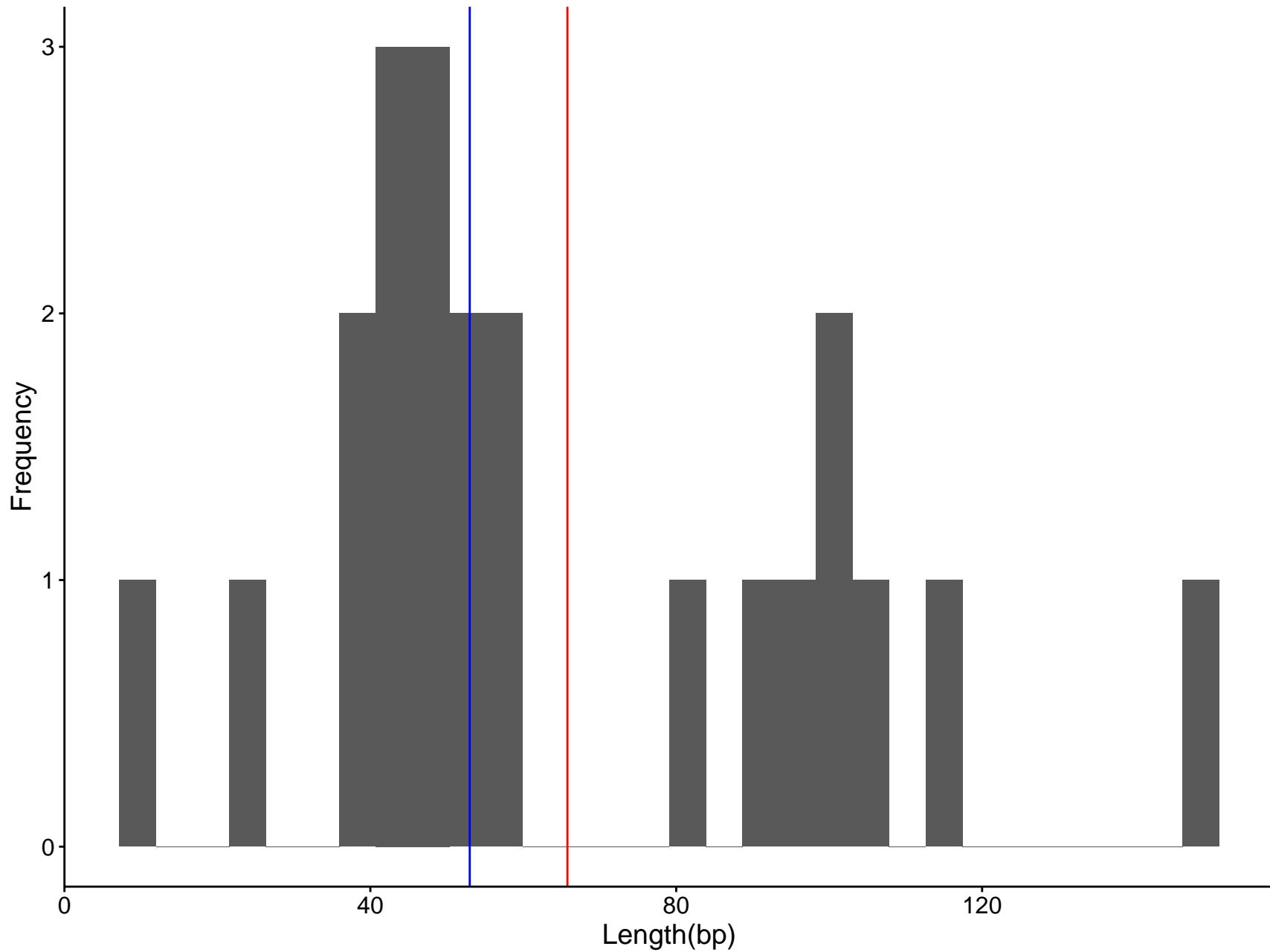
Cluster2062



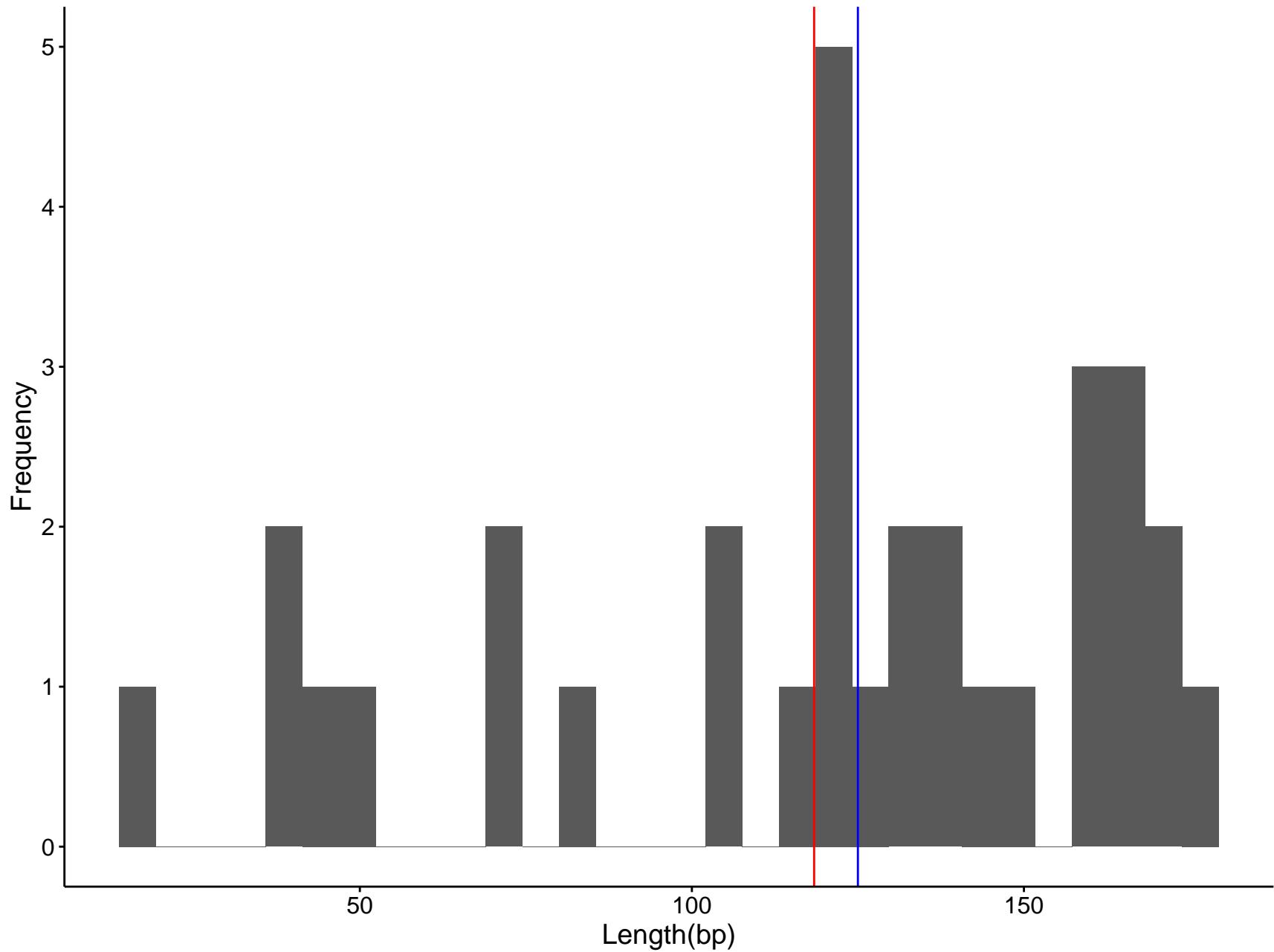
Cluster2066



Cluster2067



Cluster2068



Cluster2070

Frequency

49.950

49.975

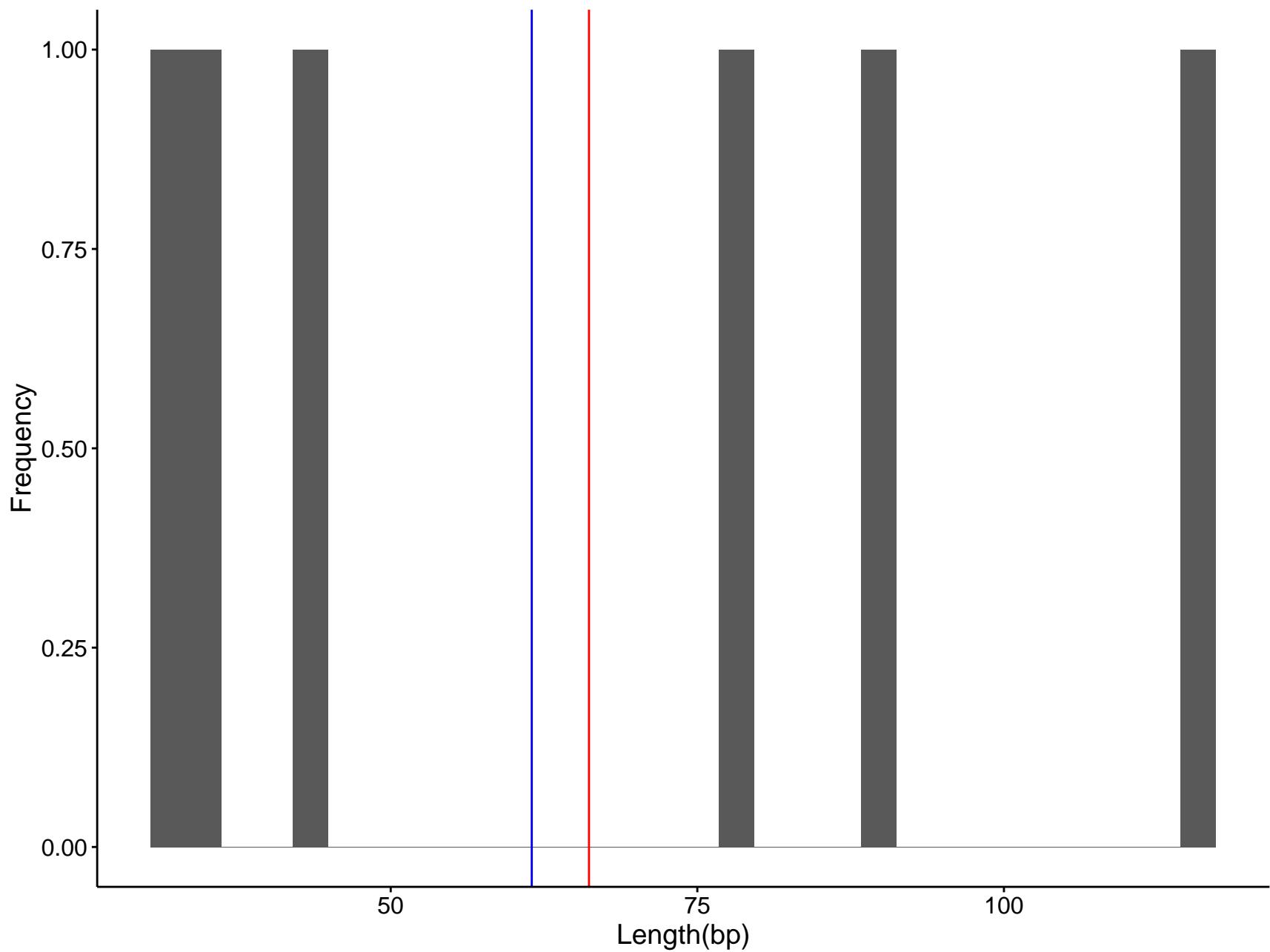
50.000

50.025

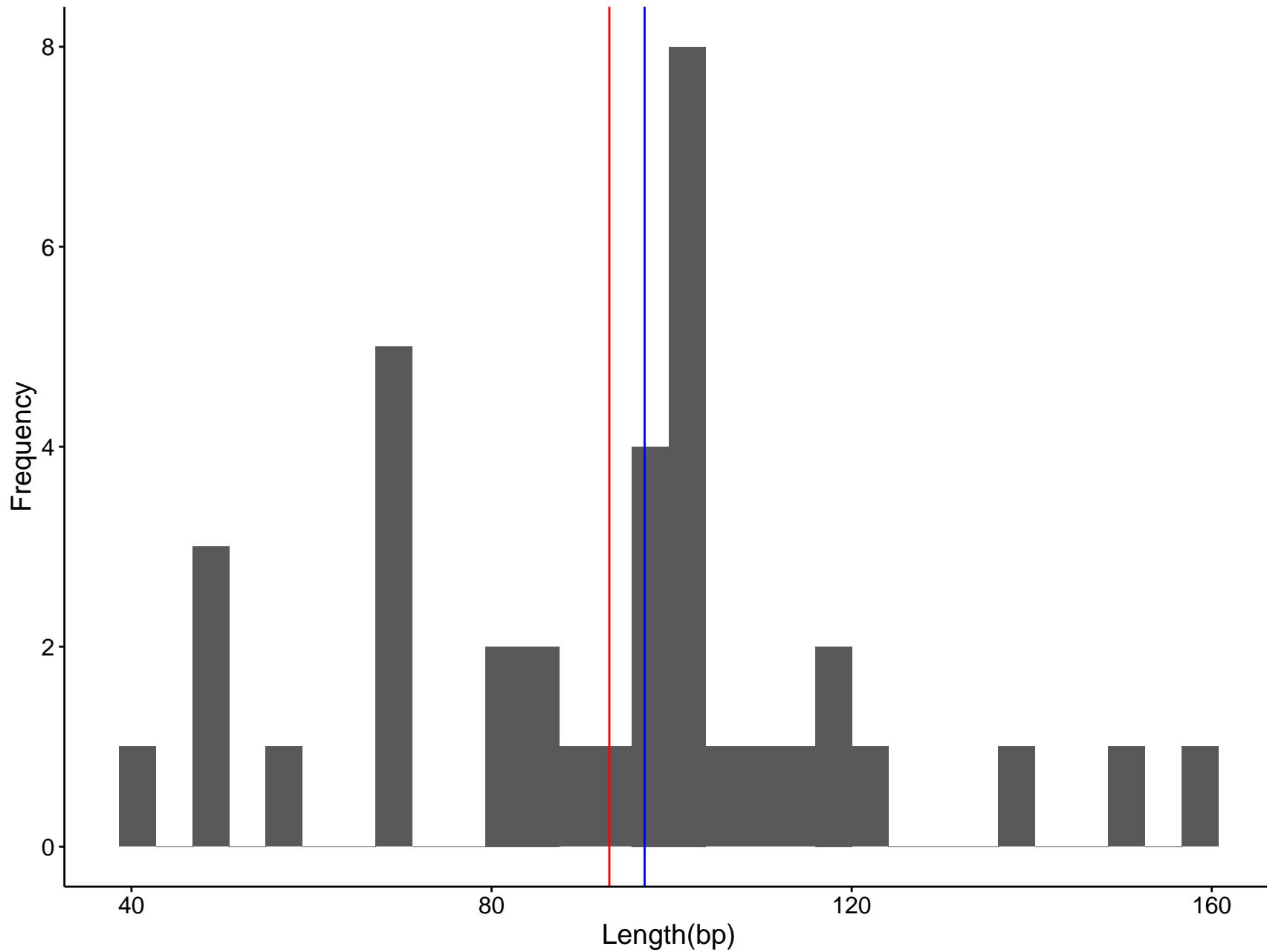
Length(bp)



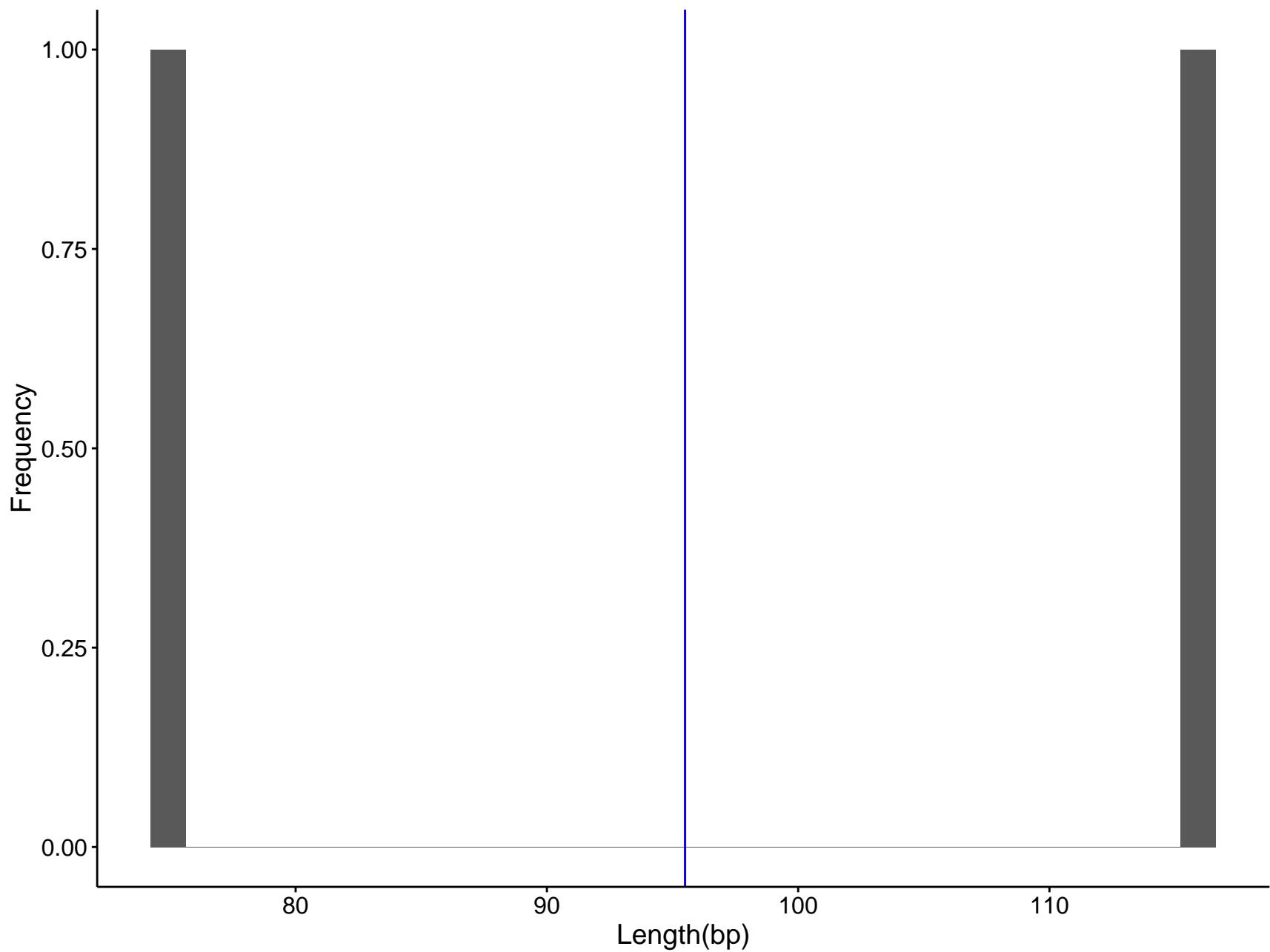
Cluster2071



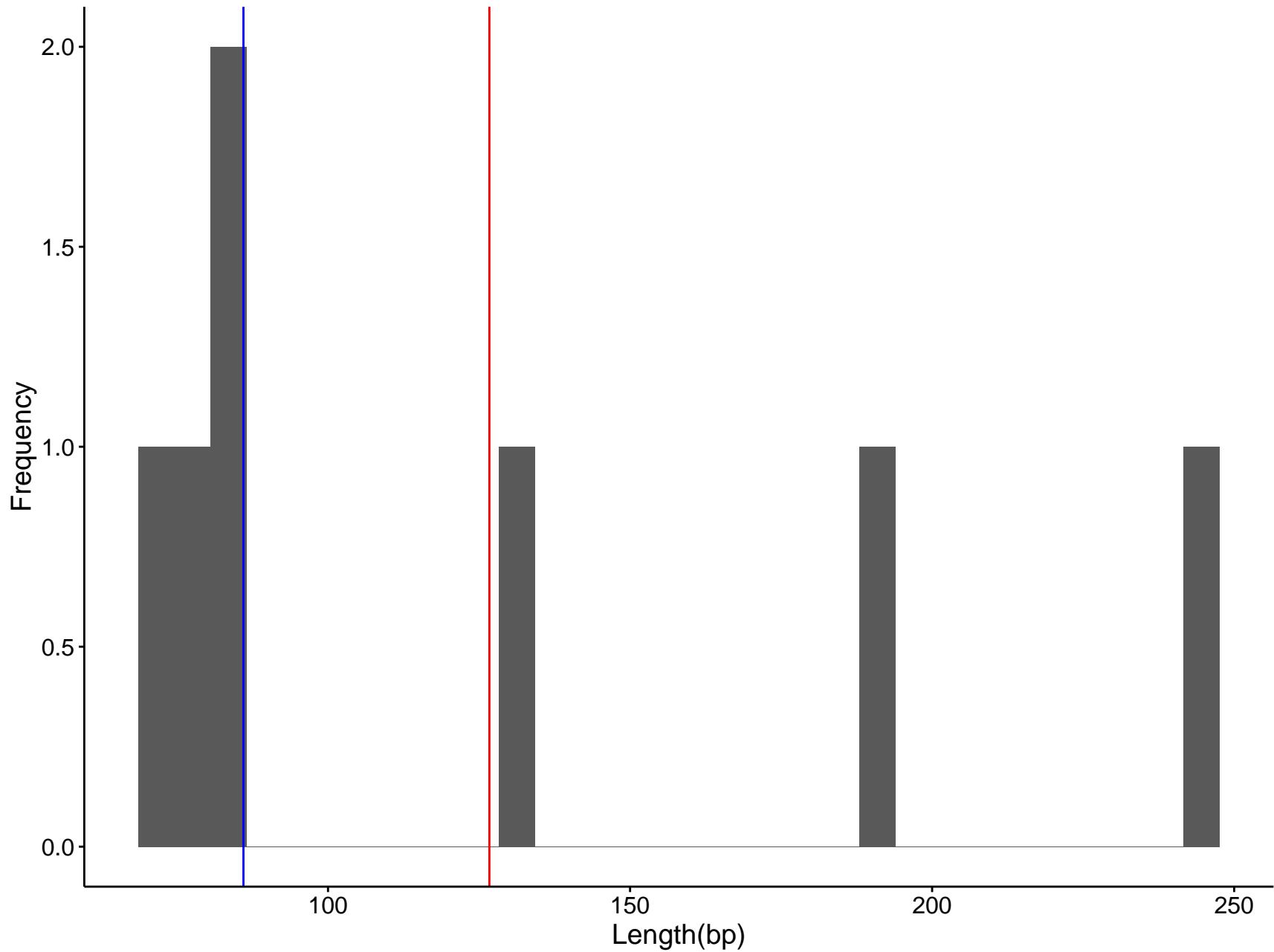
Cluster2072



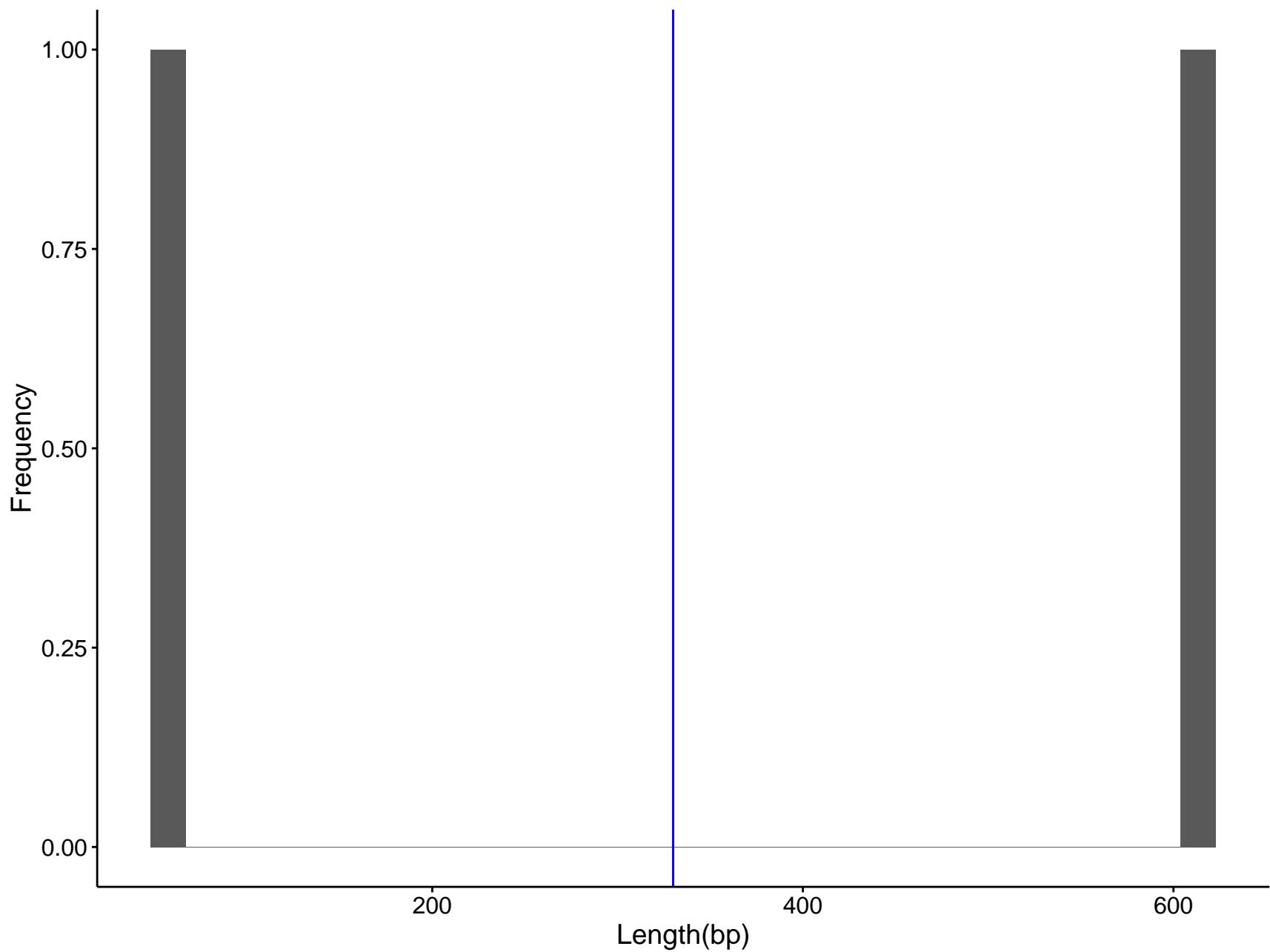
Cluster2074



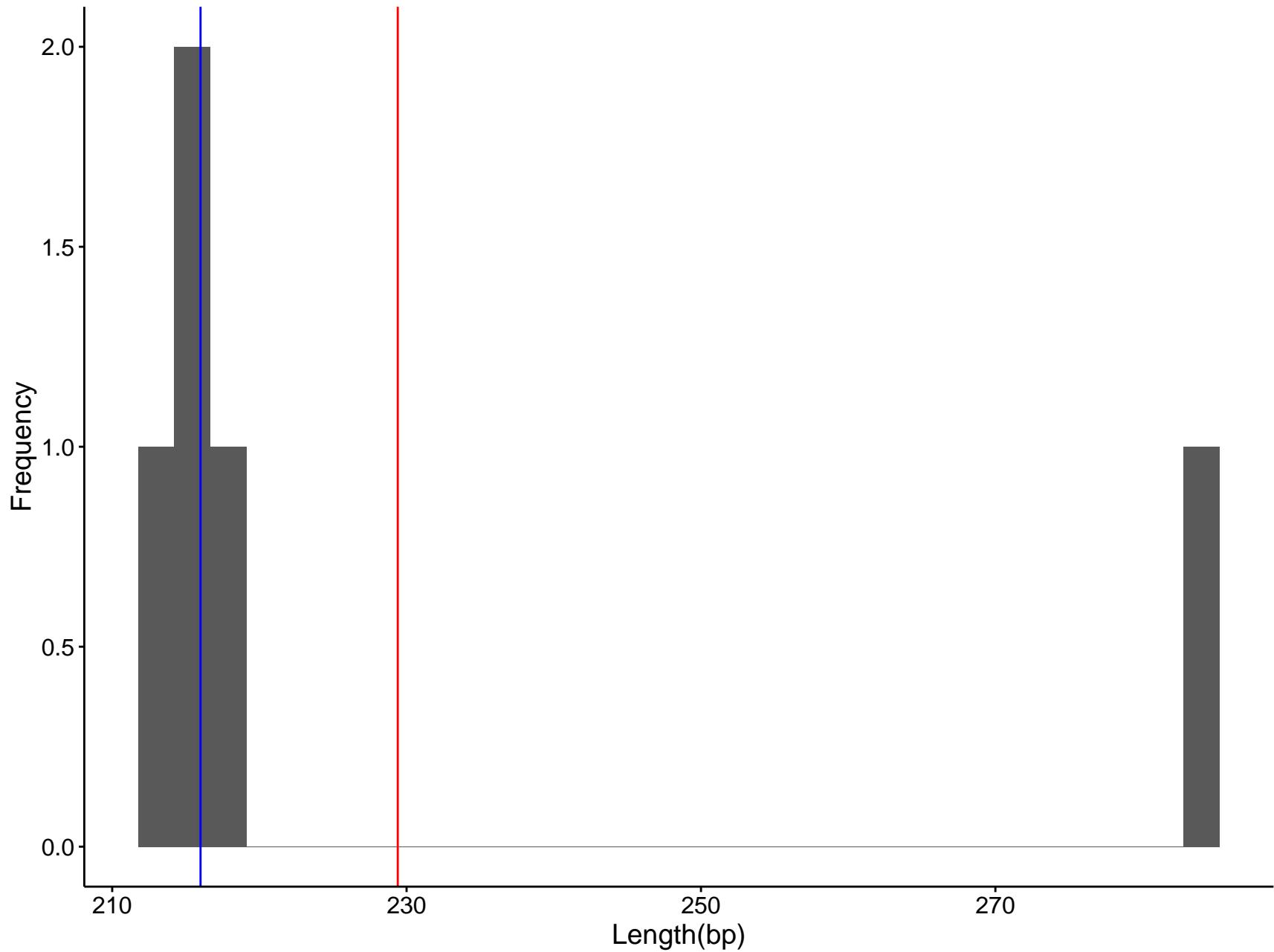
Cluster2077



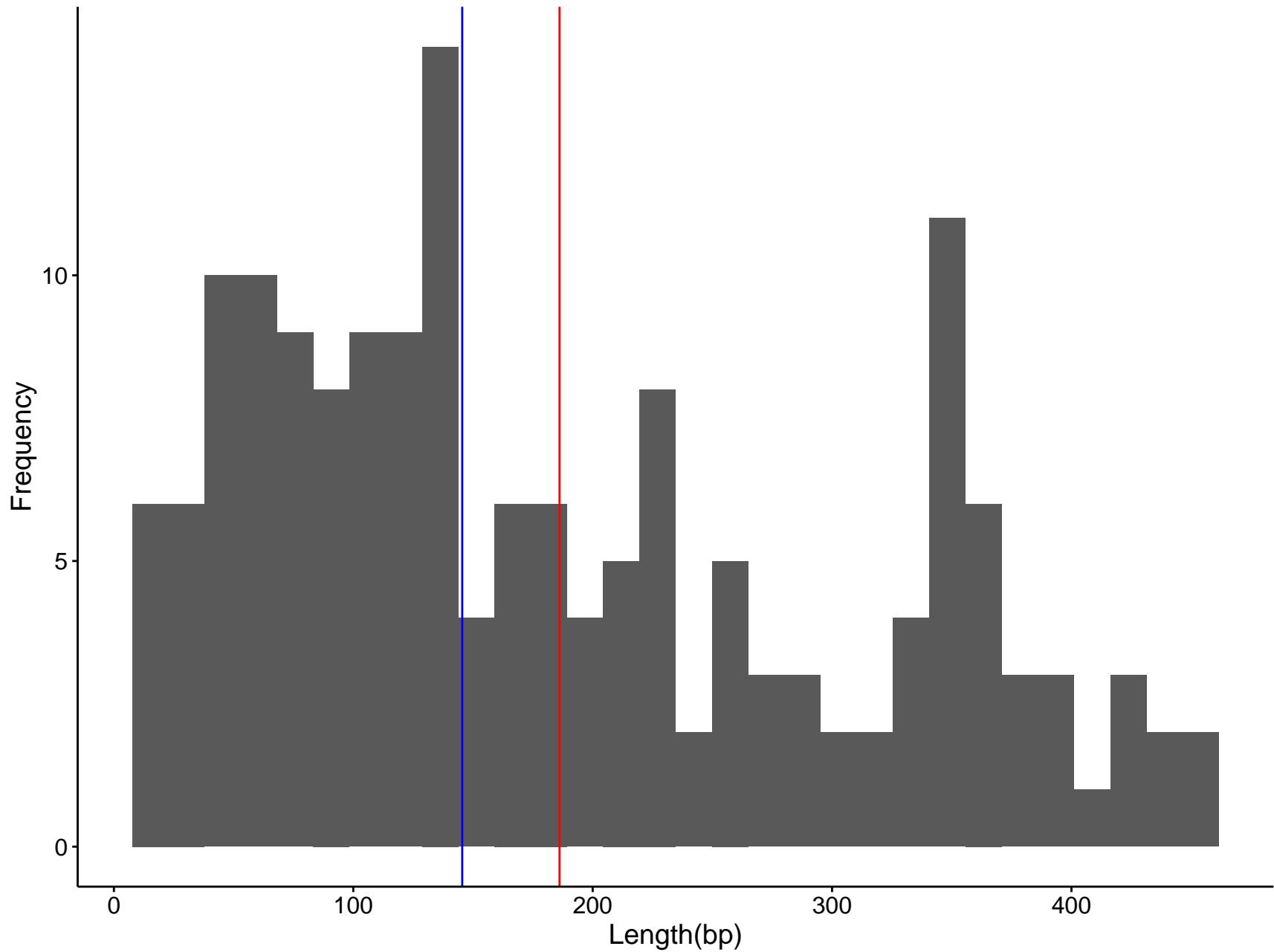
Cluster2078



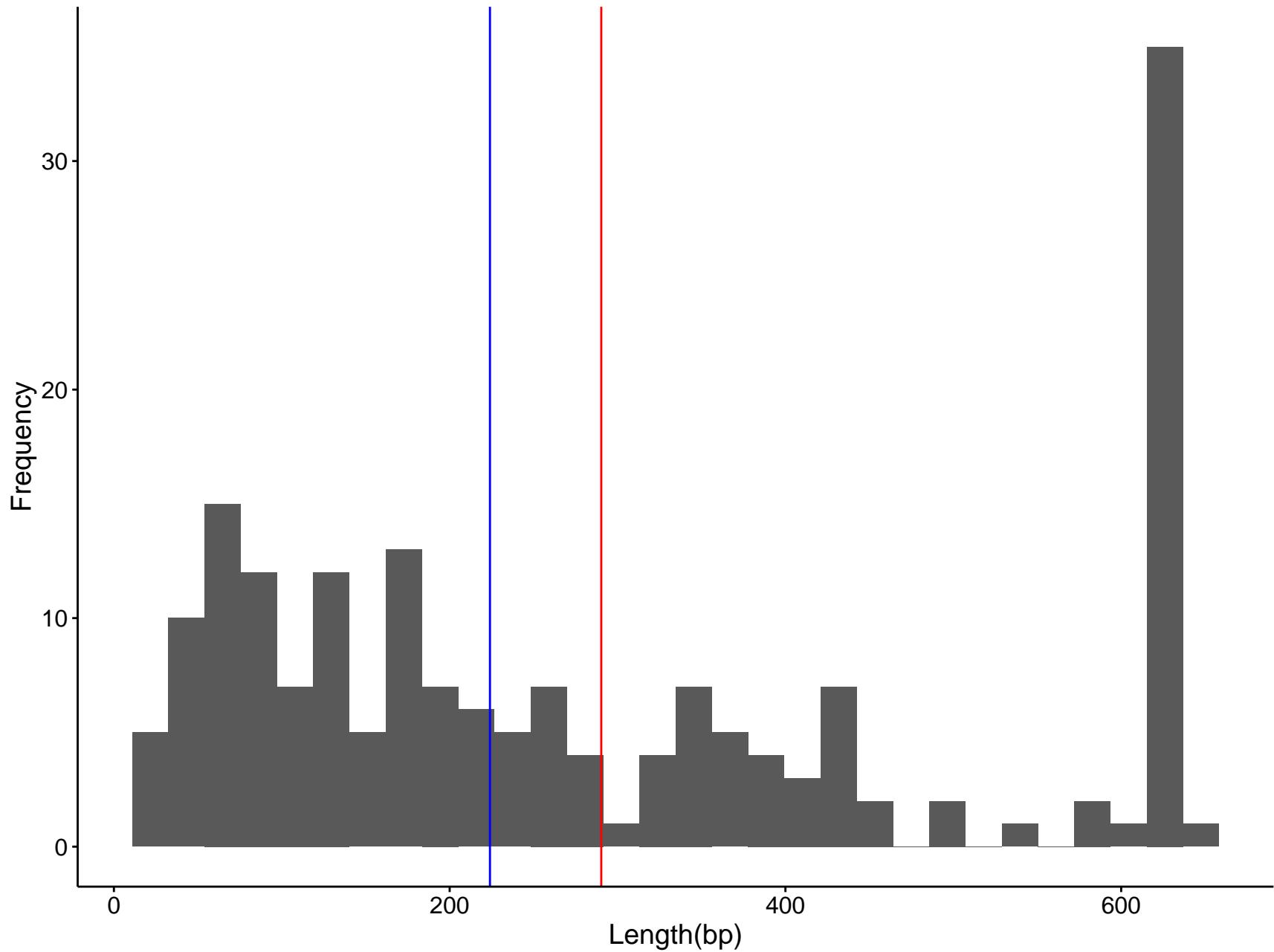
Cluster2083



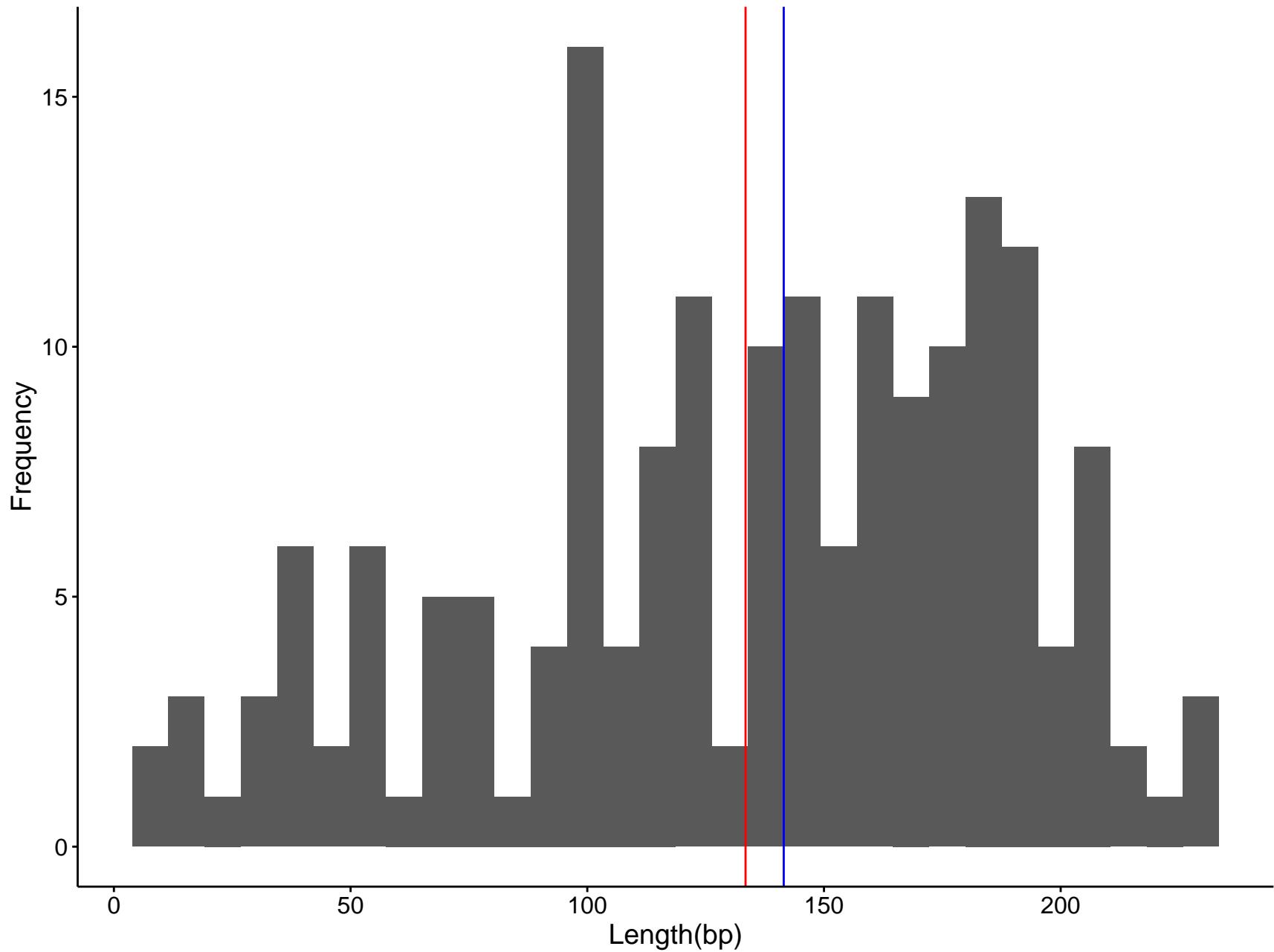
Cluster2086



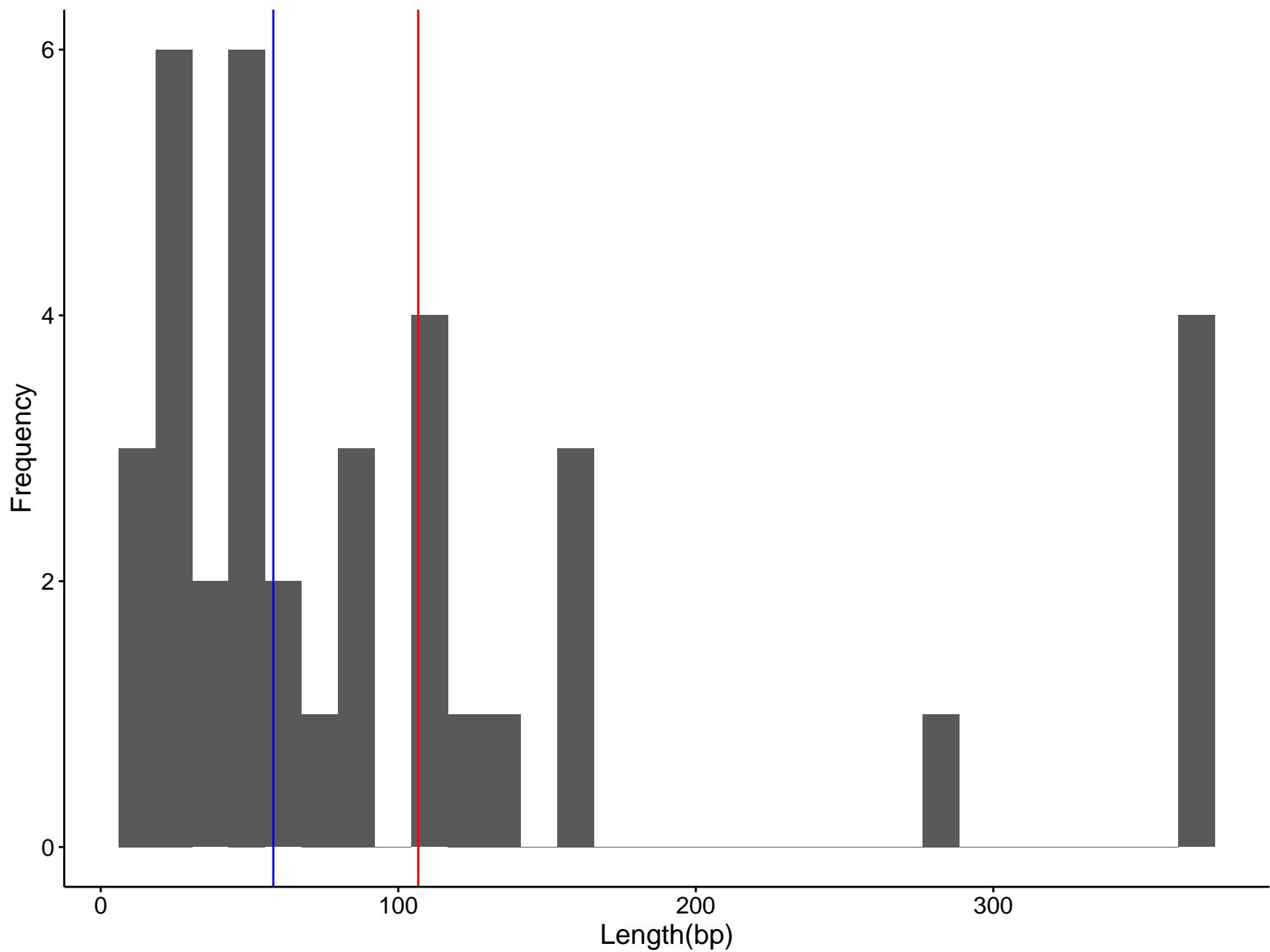
Cluster2087



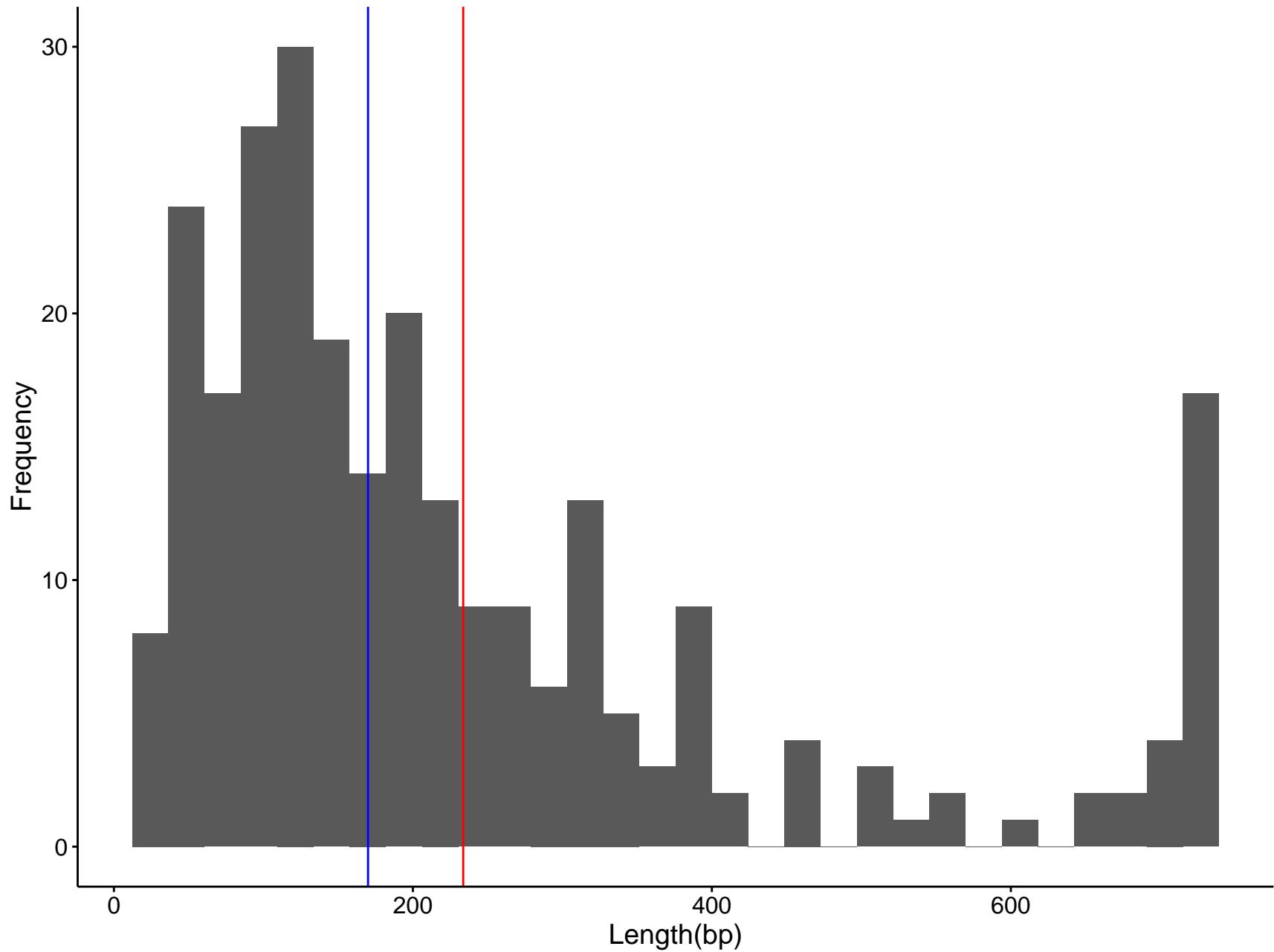
Cluster2088



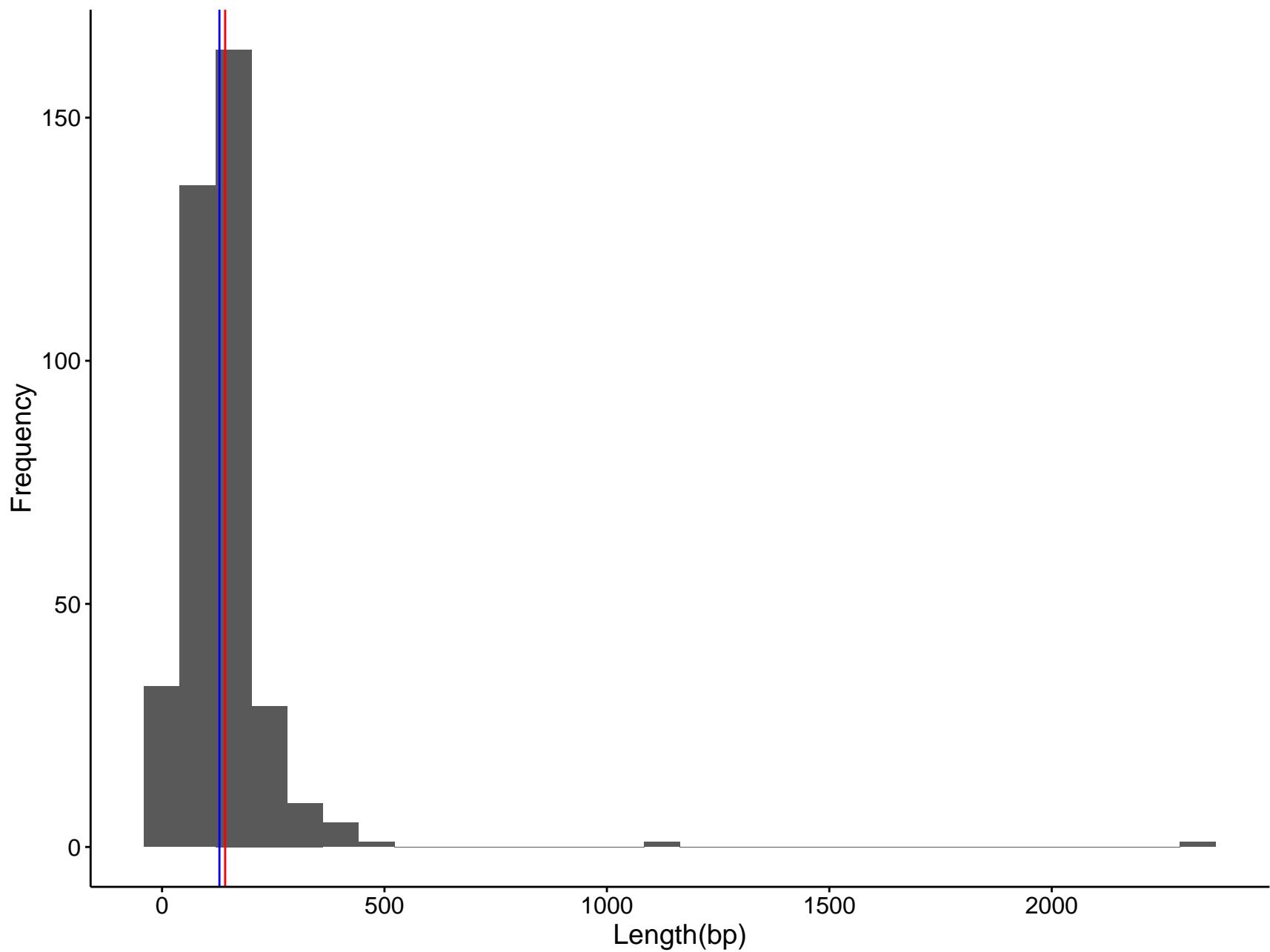
Cluster2089



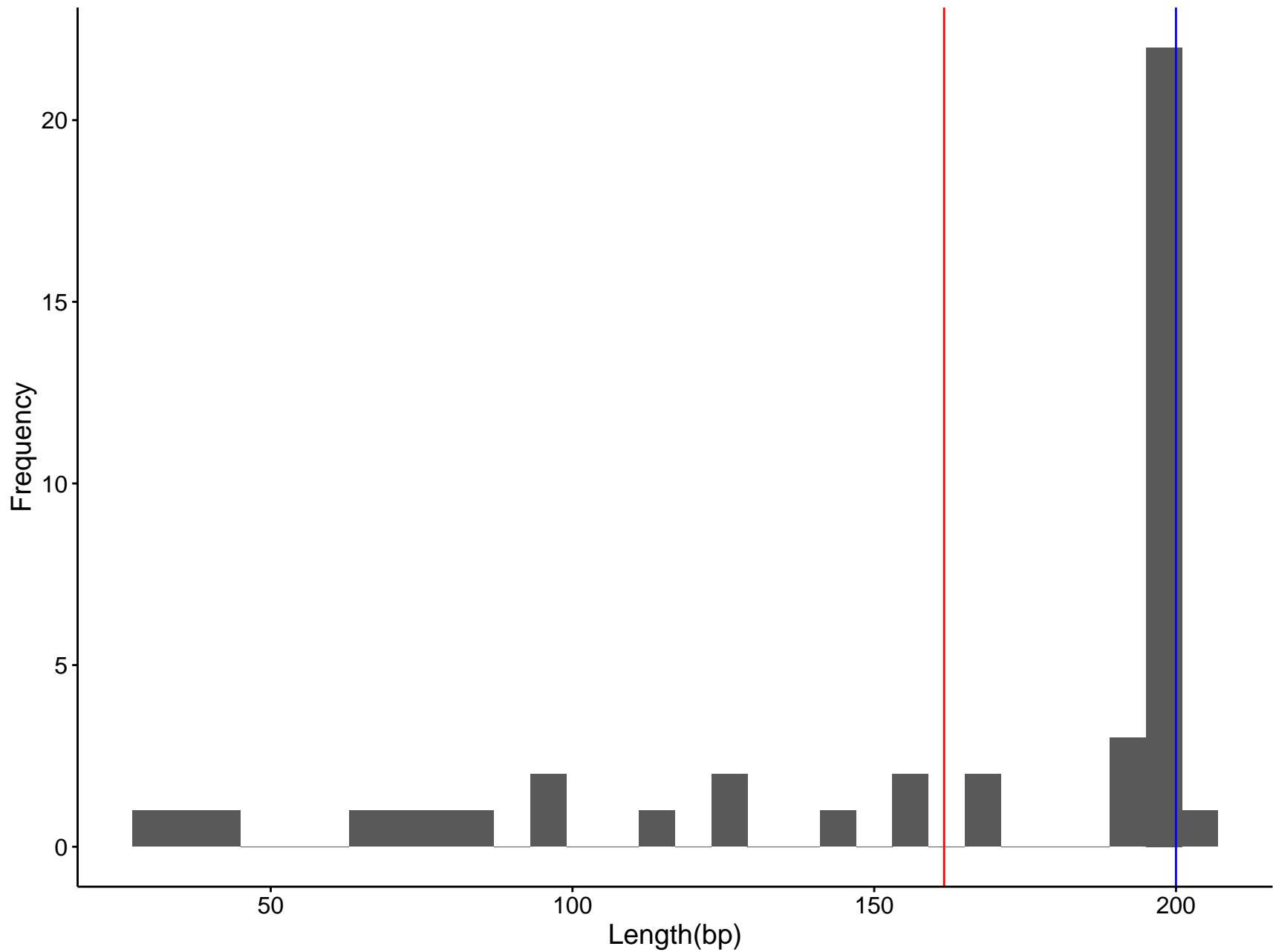
Cluster2090



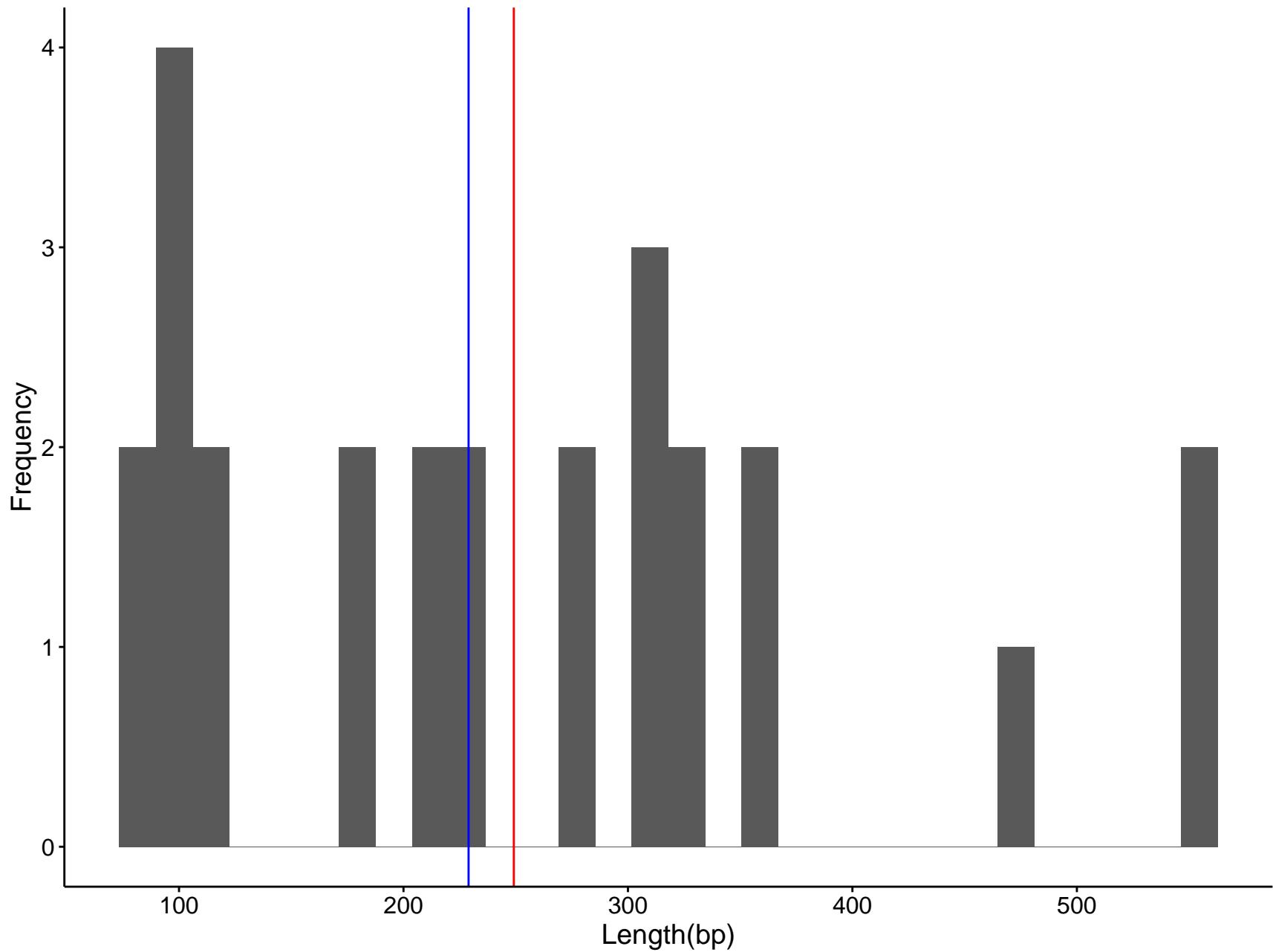
Cluster2091



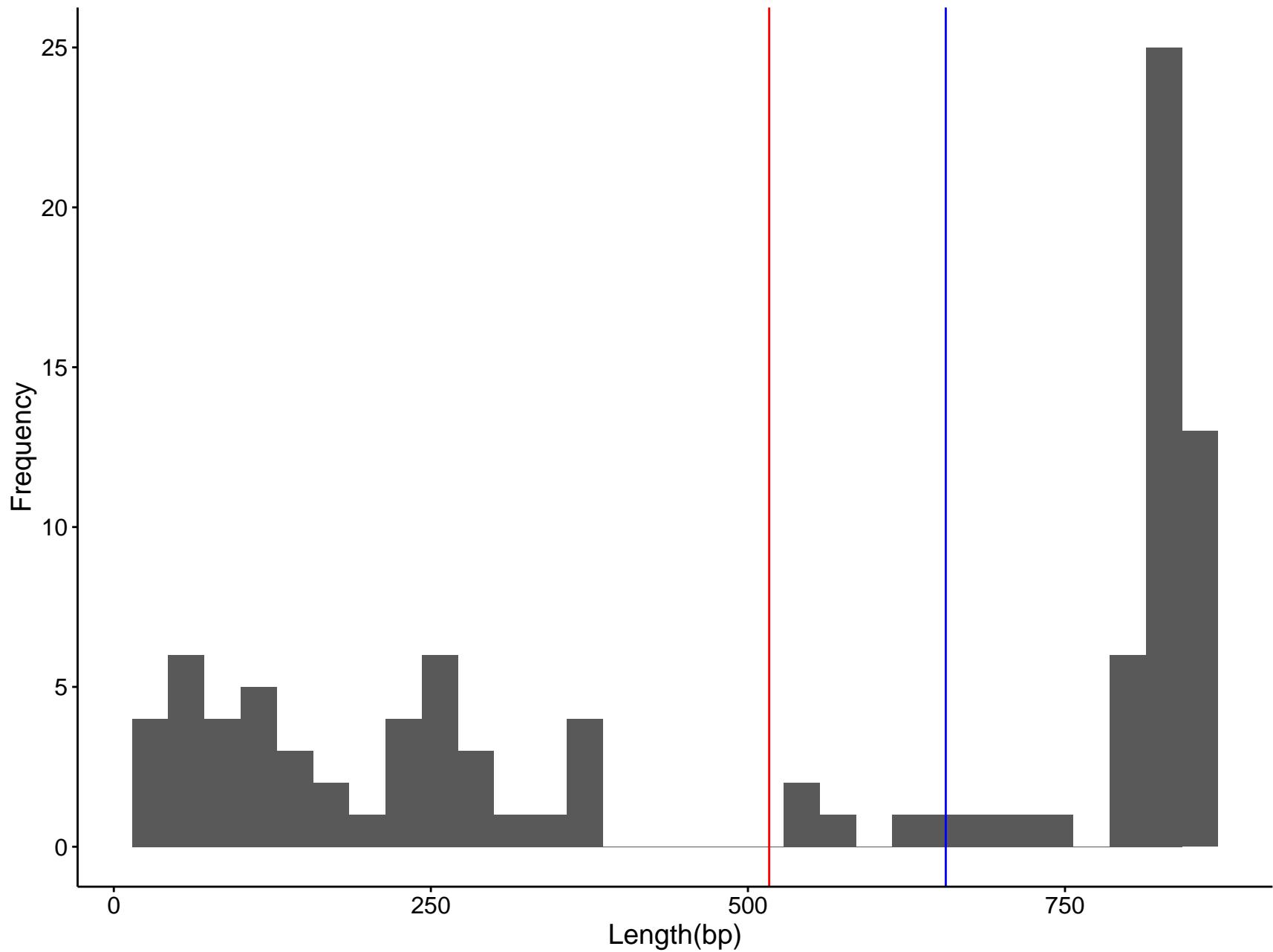
Cluster2092



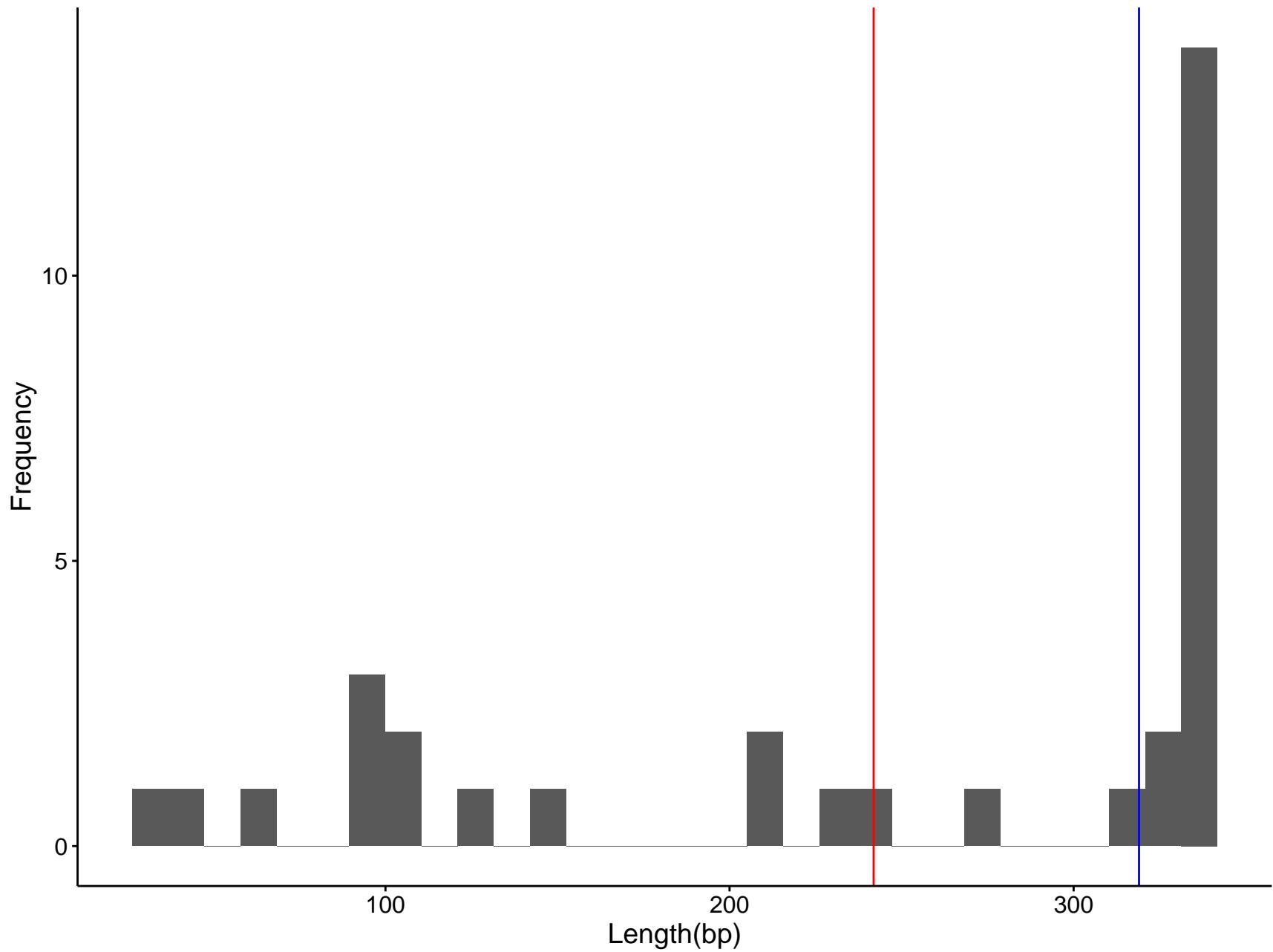
Cluster2093



Cluster2094



Cluster2095



Cluster2096

Frequency

43.950

43.975

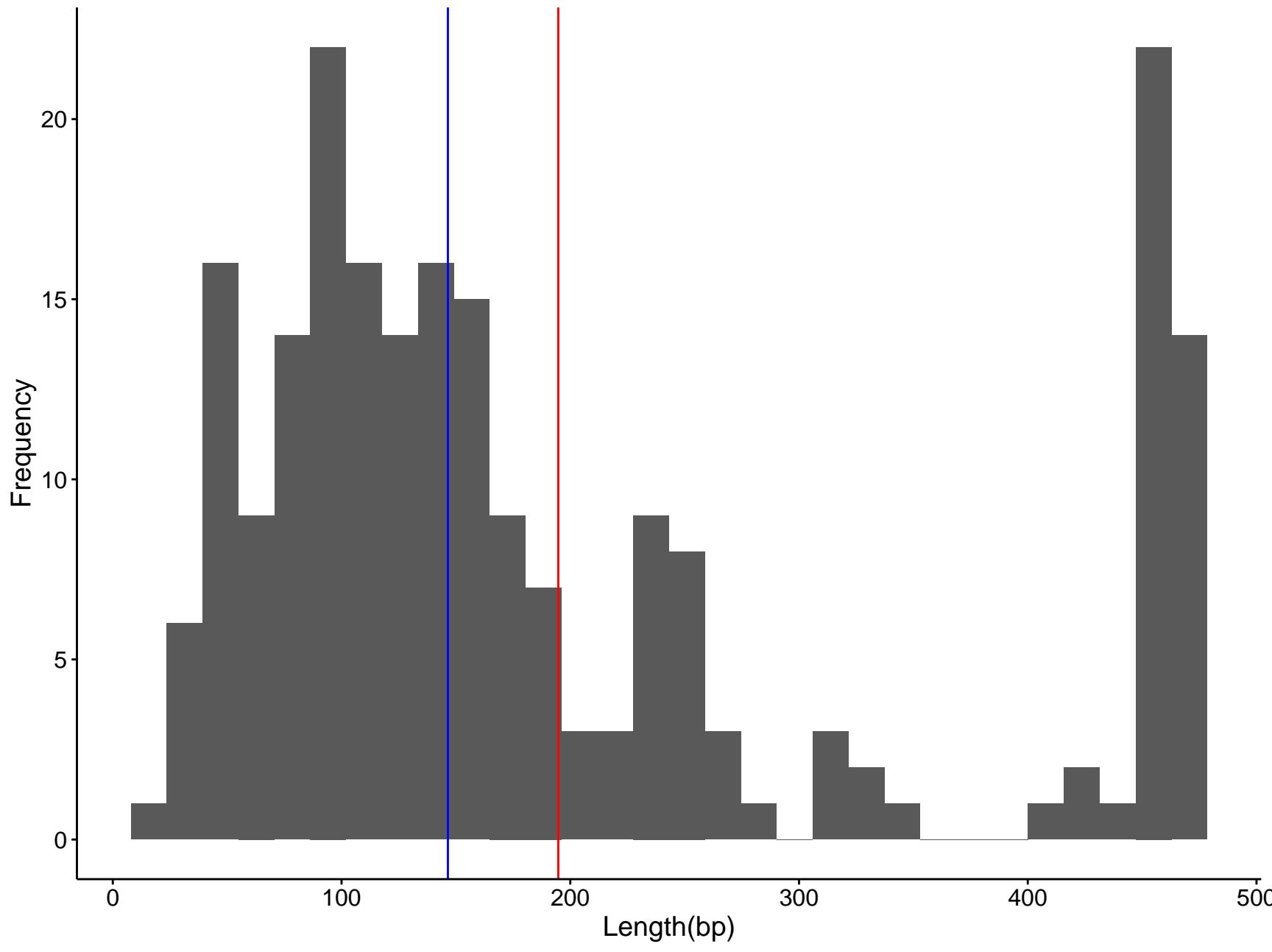
44.000

44.025

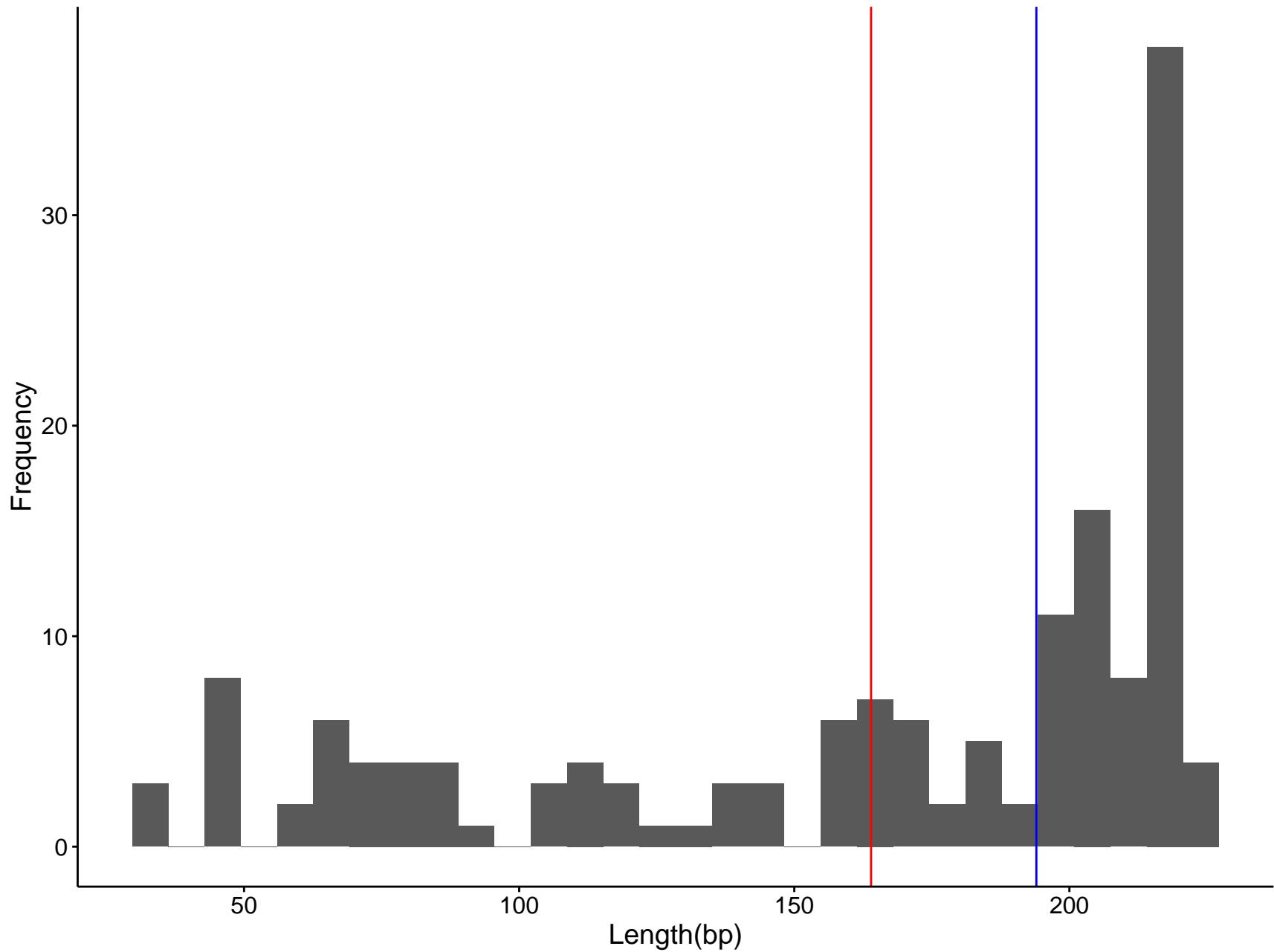
Length(bp)



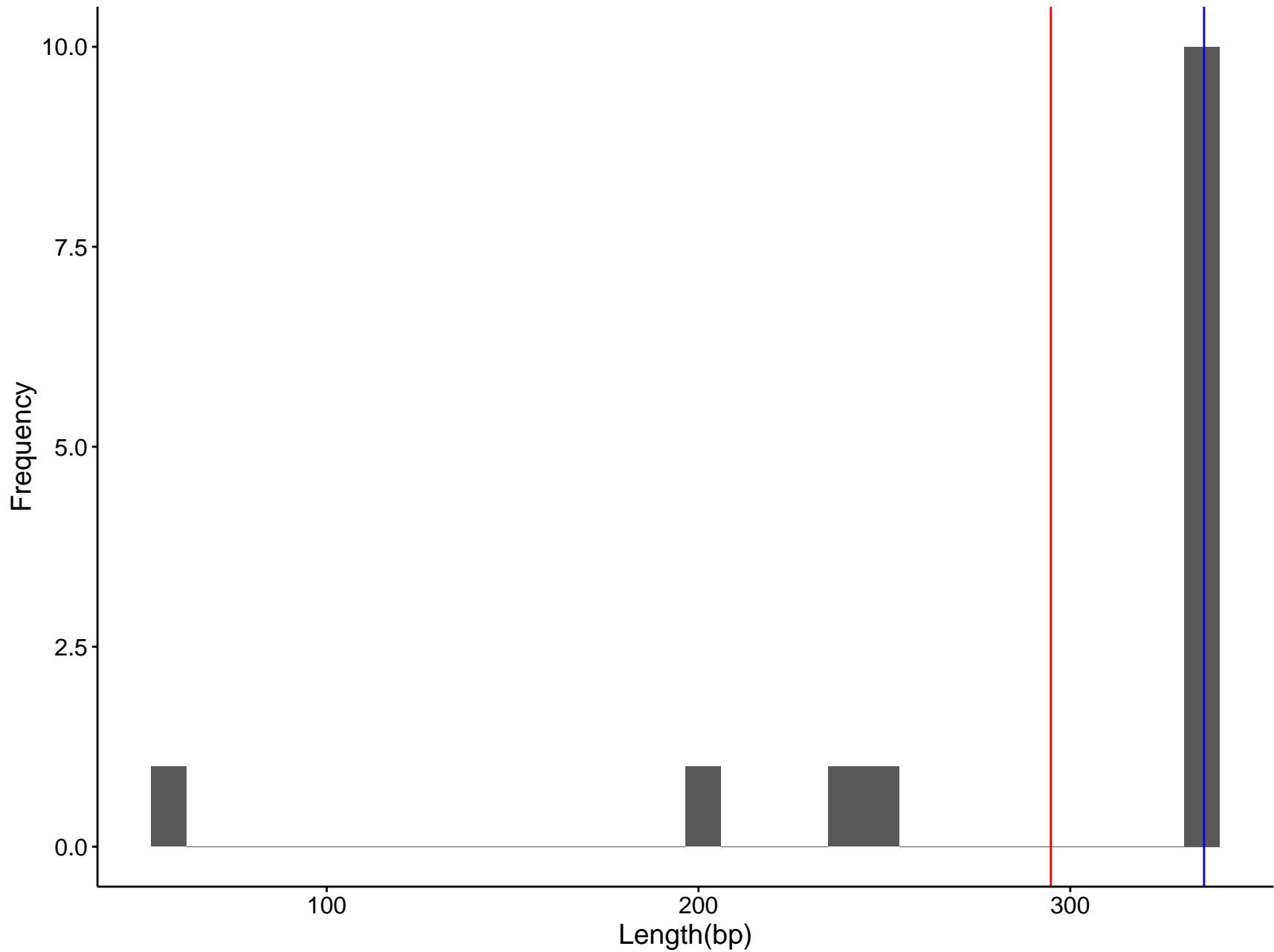
Cluster2097



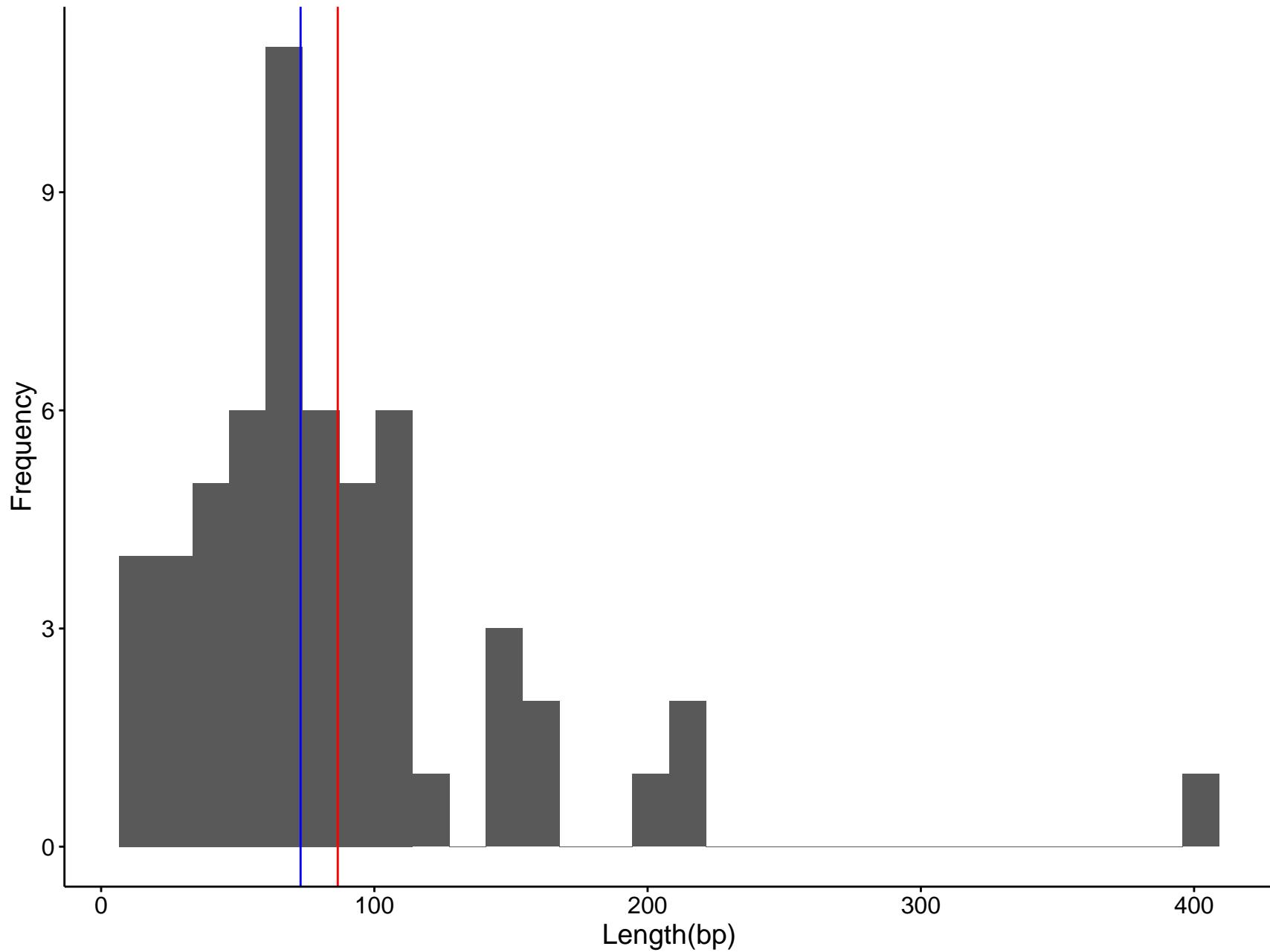
Cluster2098



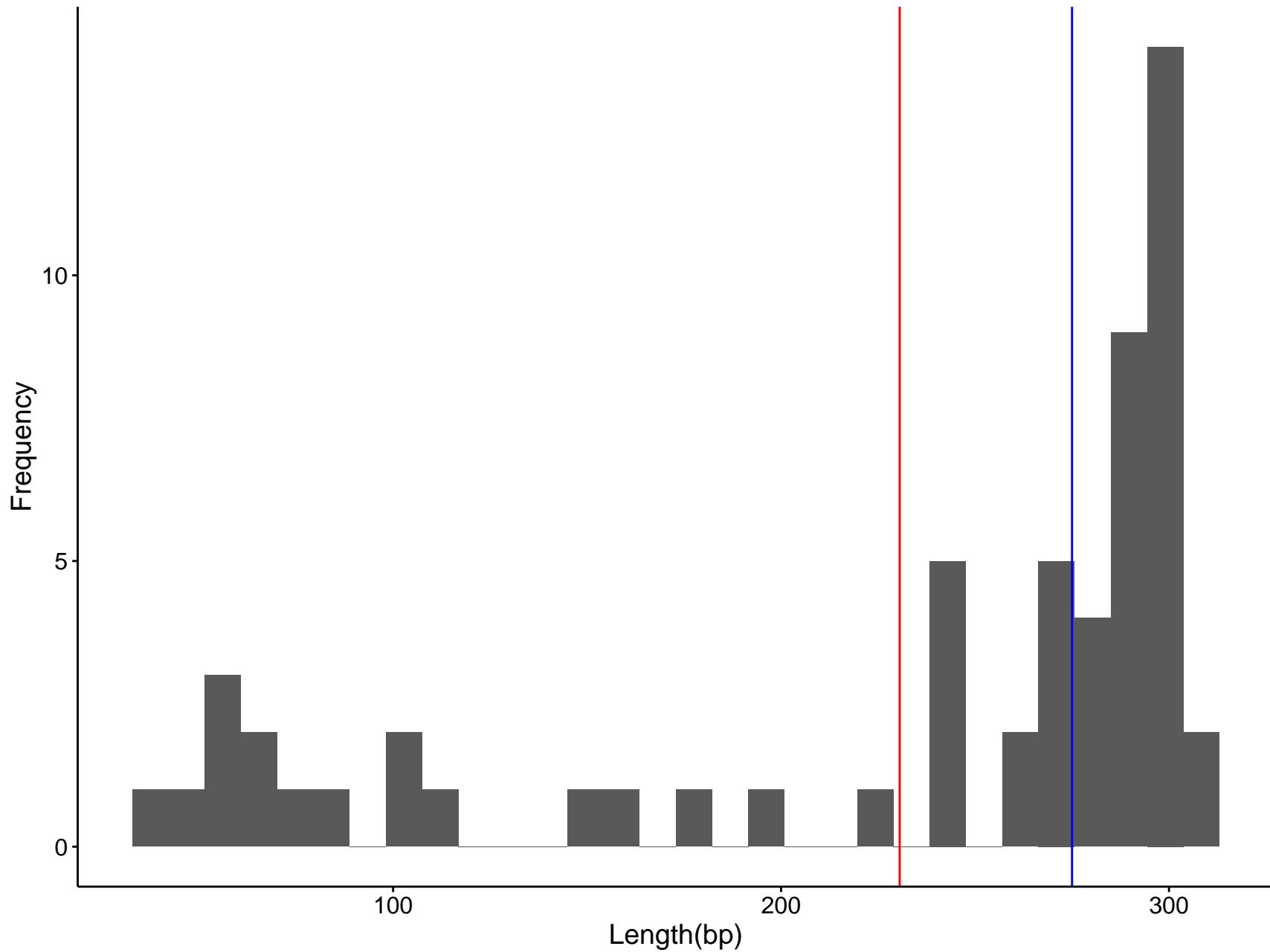
Cluster2099



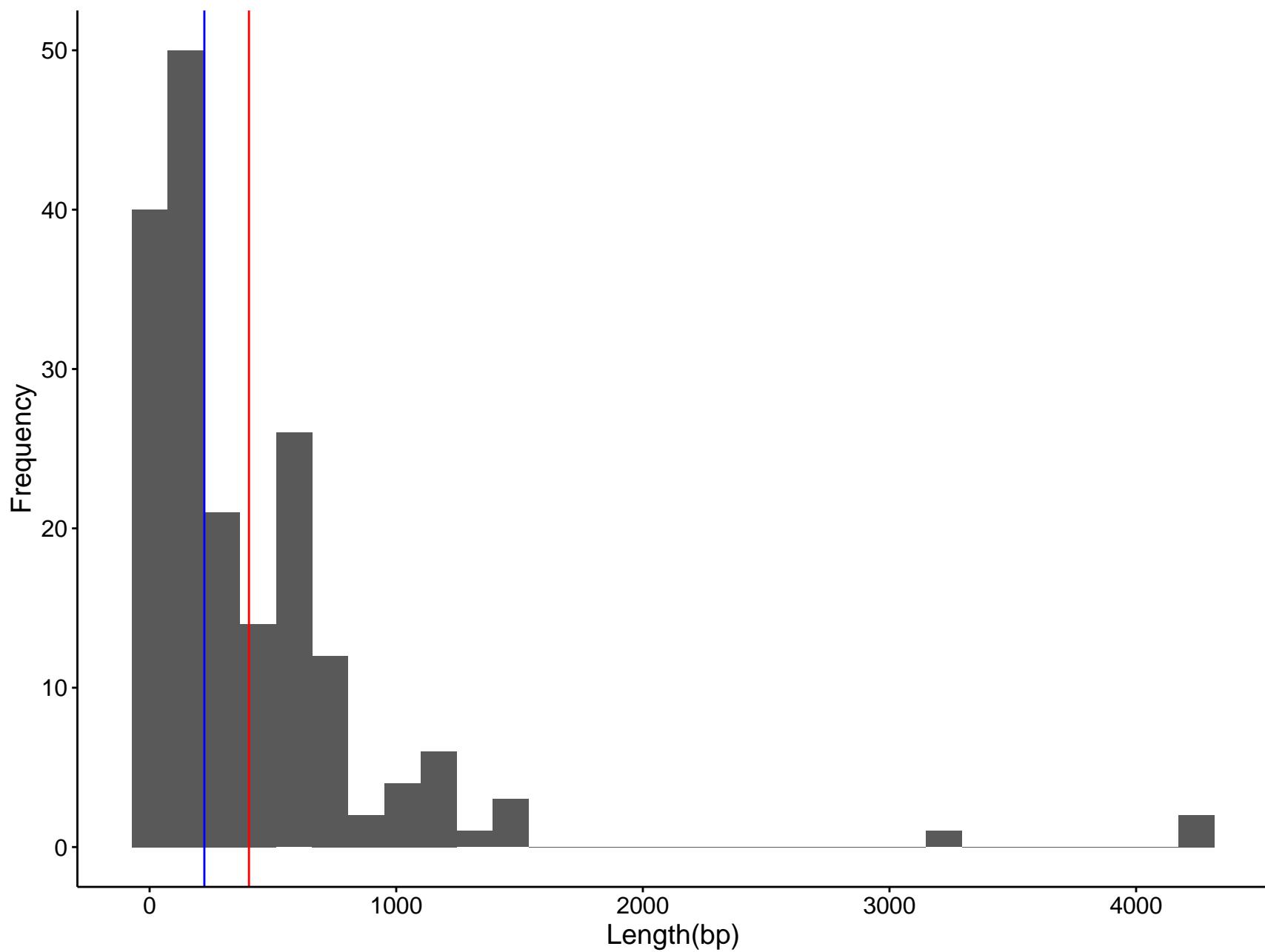
Cluster20



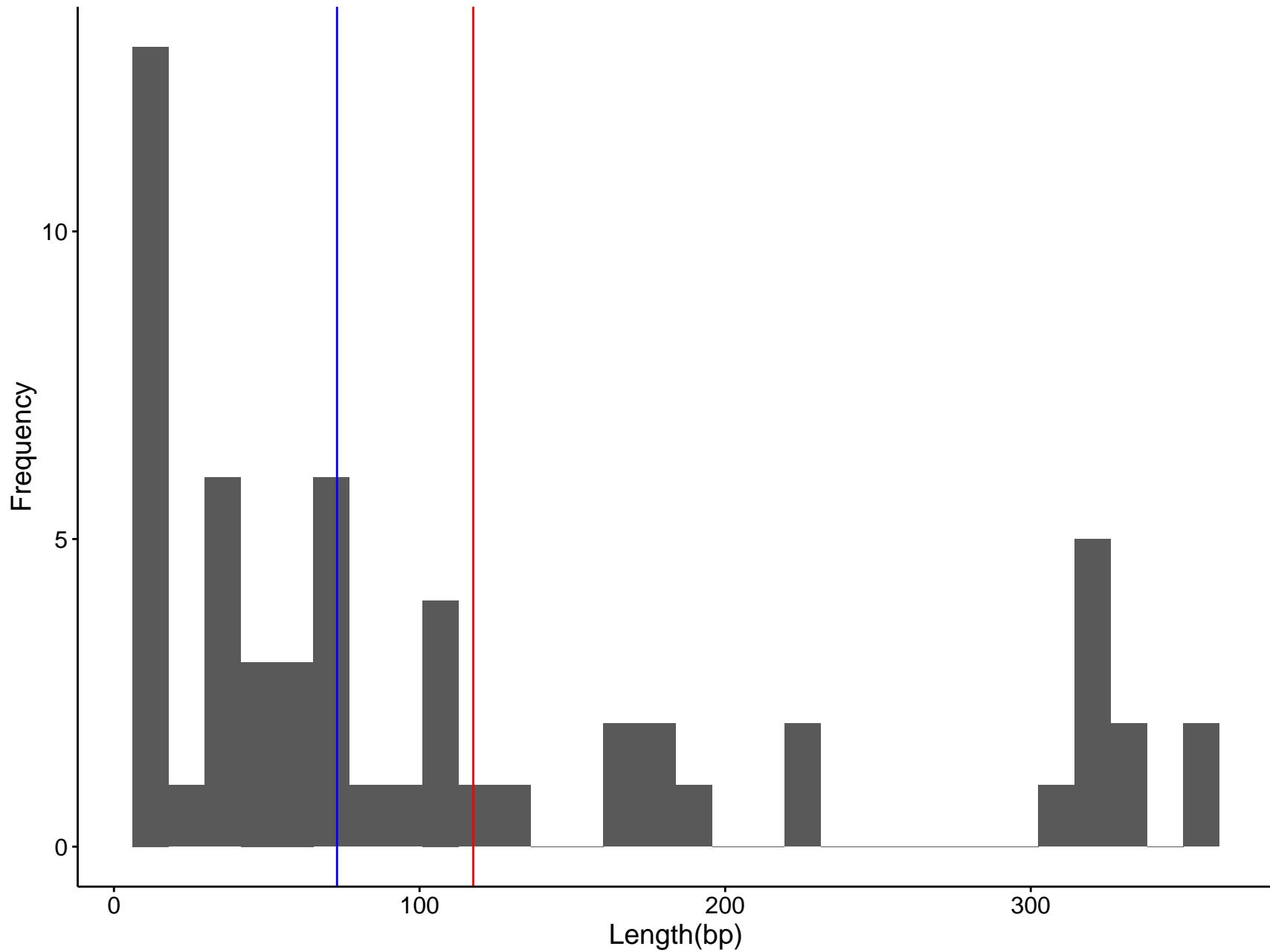
Cluster2100



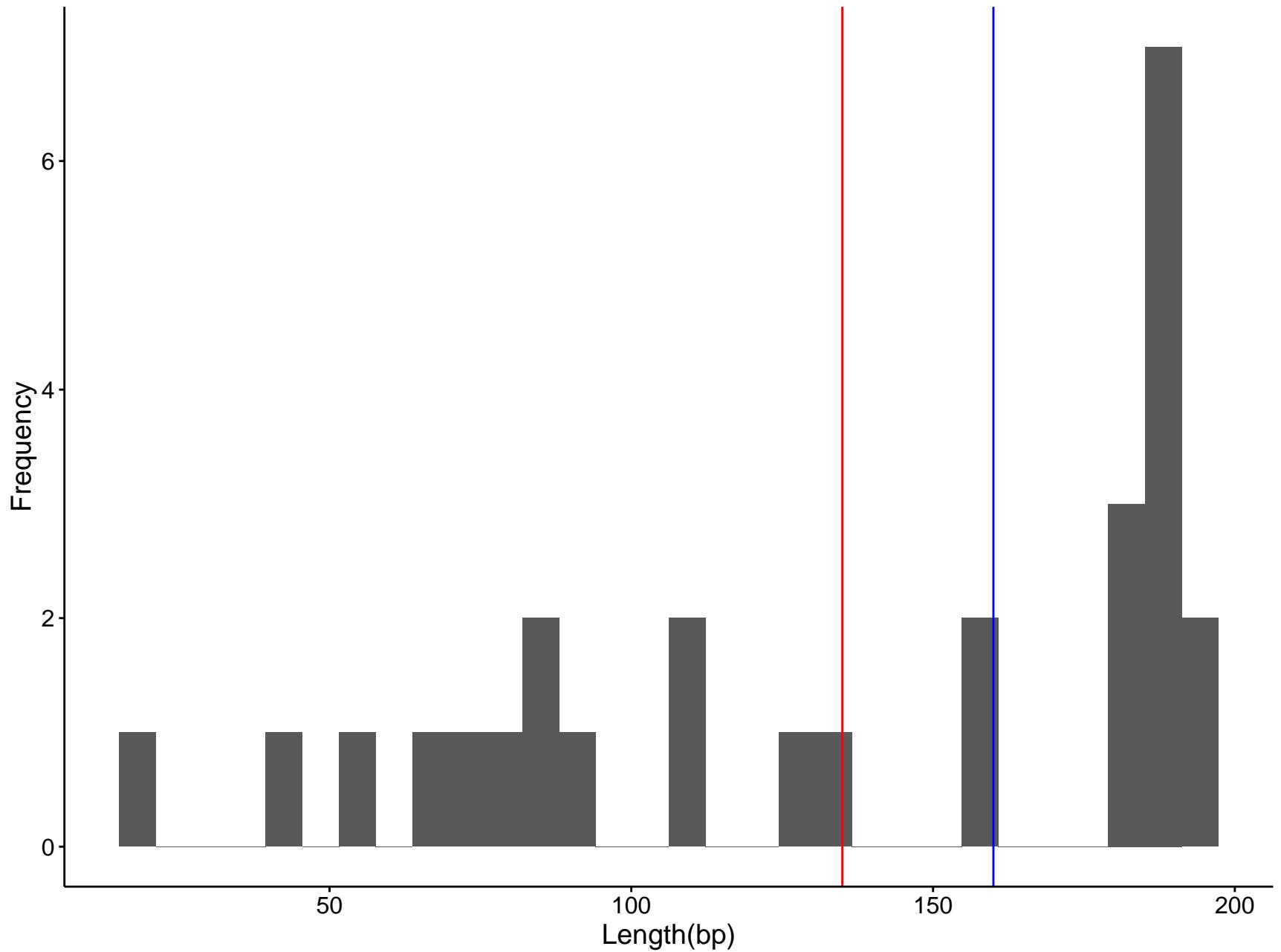
Cluster2101



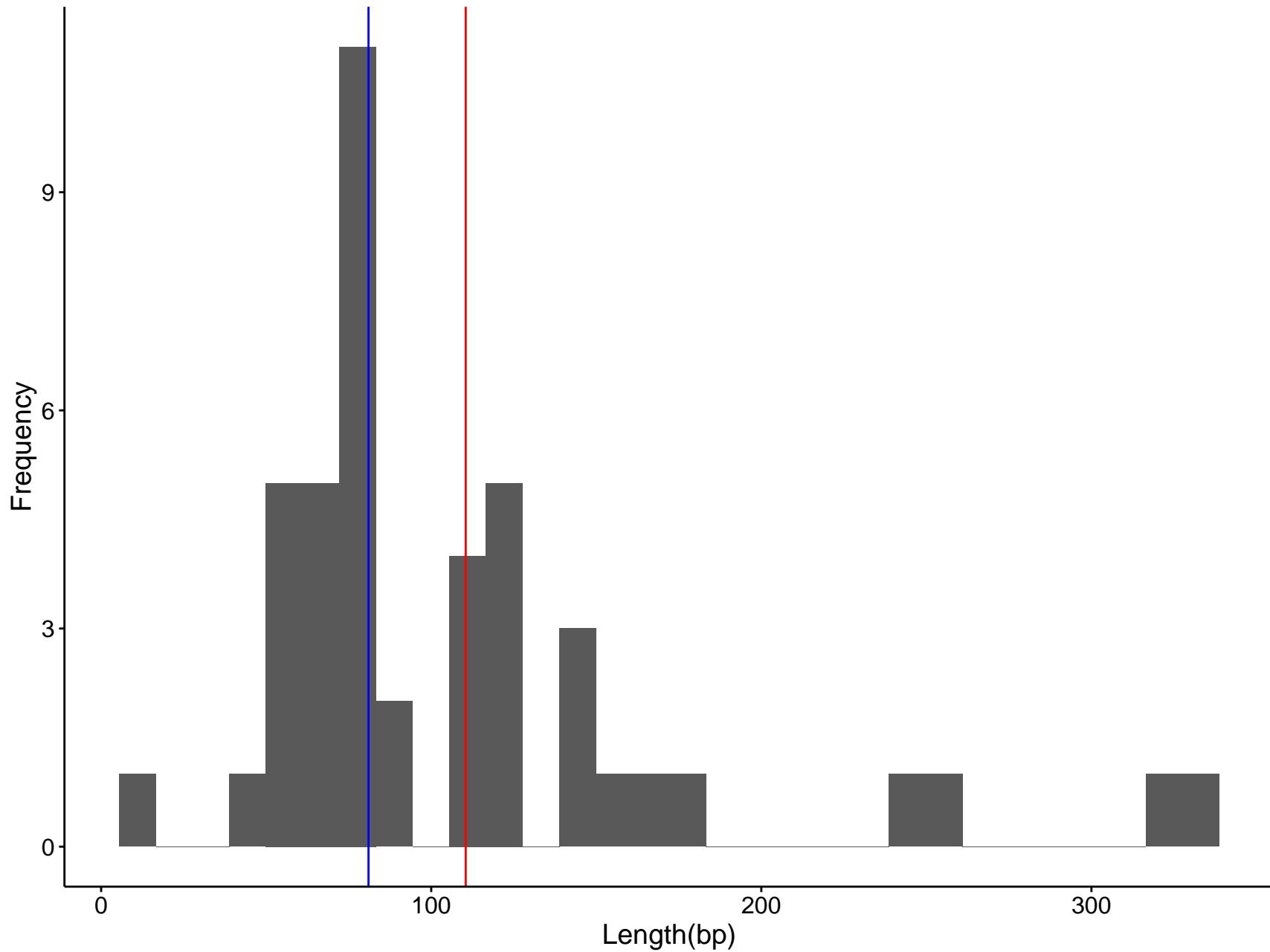
Cluster2102



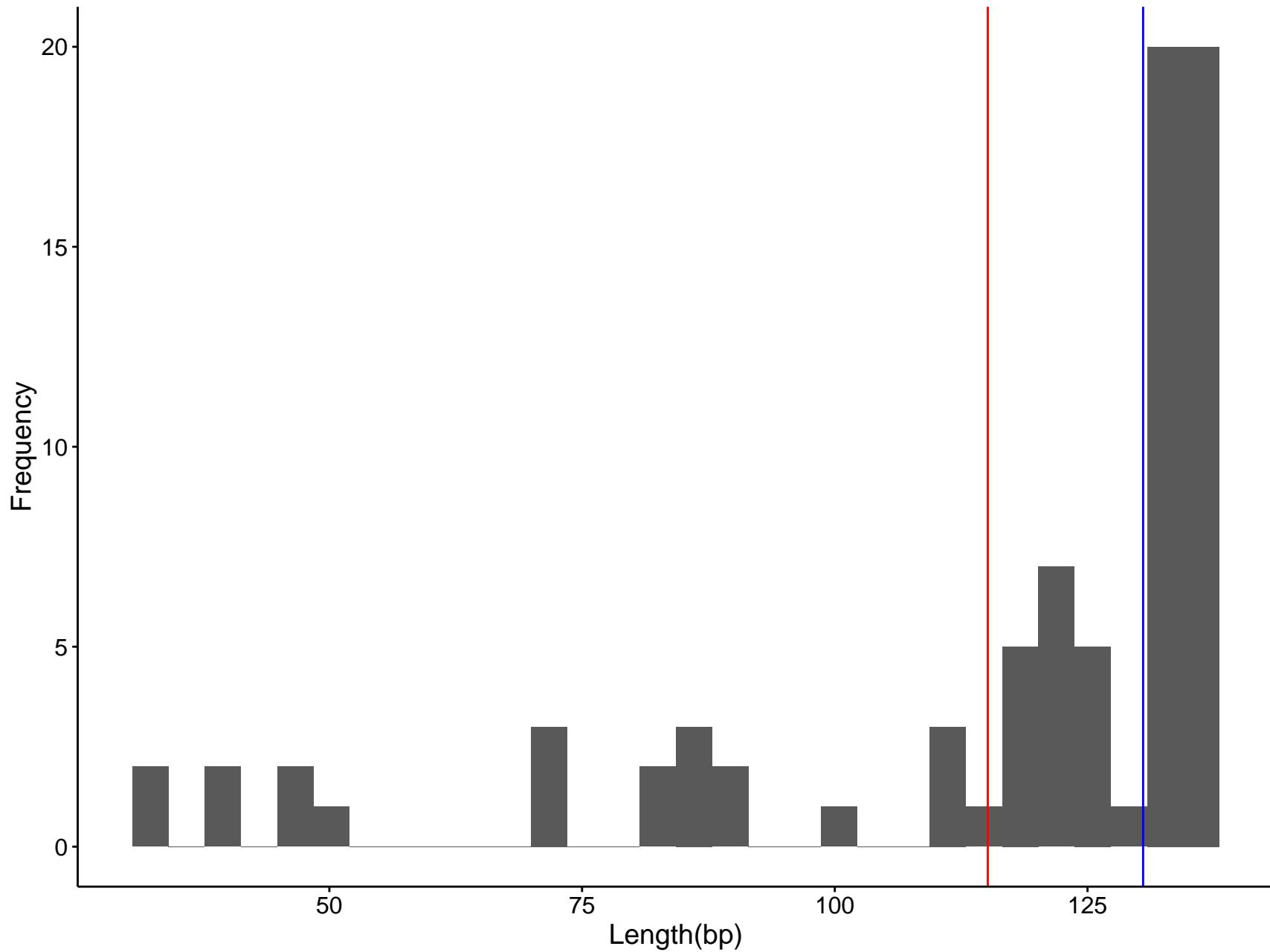
Cluster2103



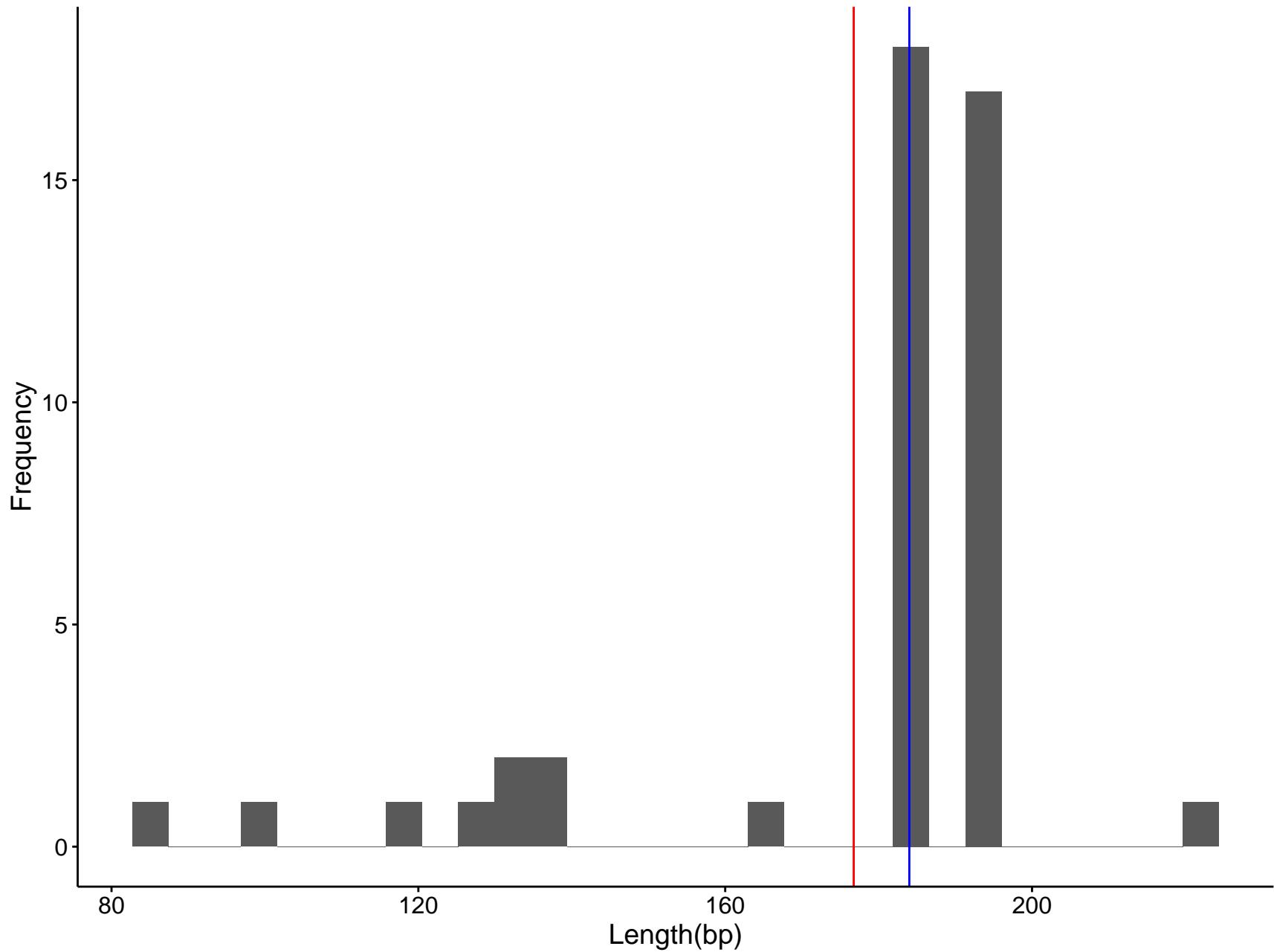
Cluster2105



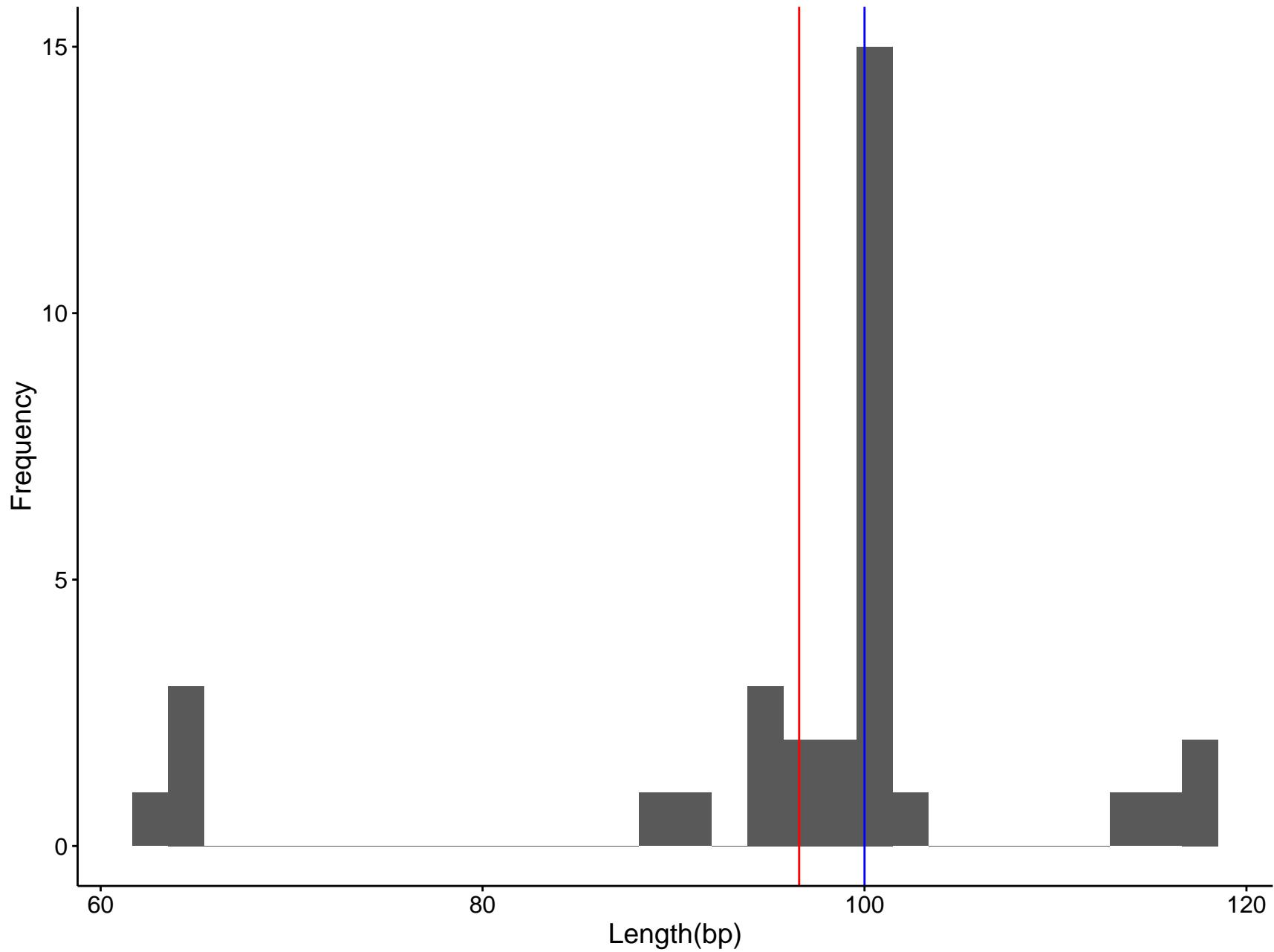
Cluster2106



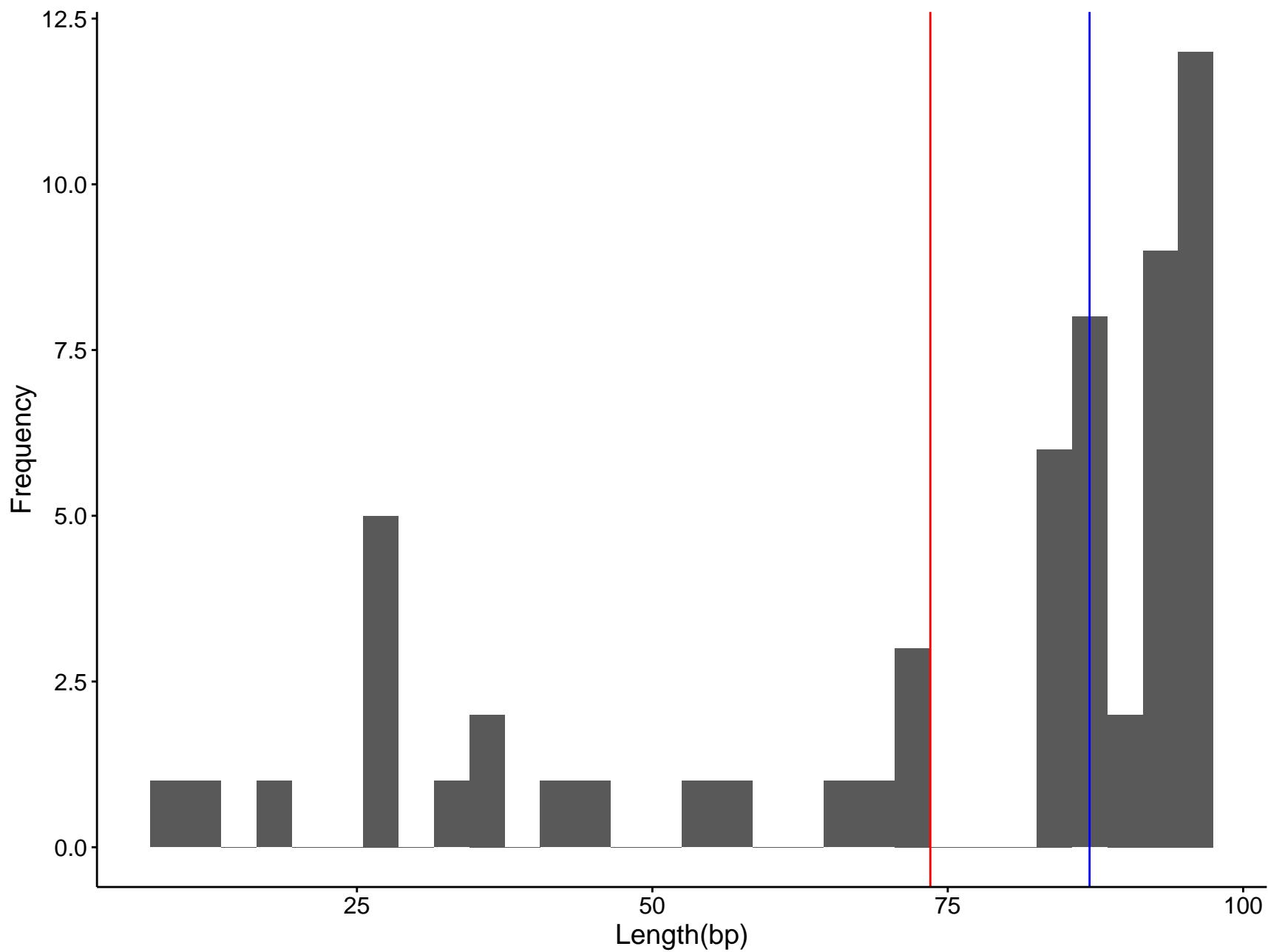
Cluster2107



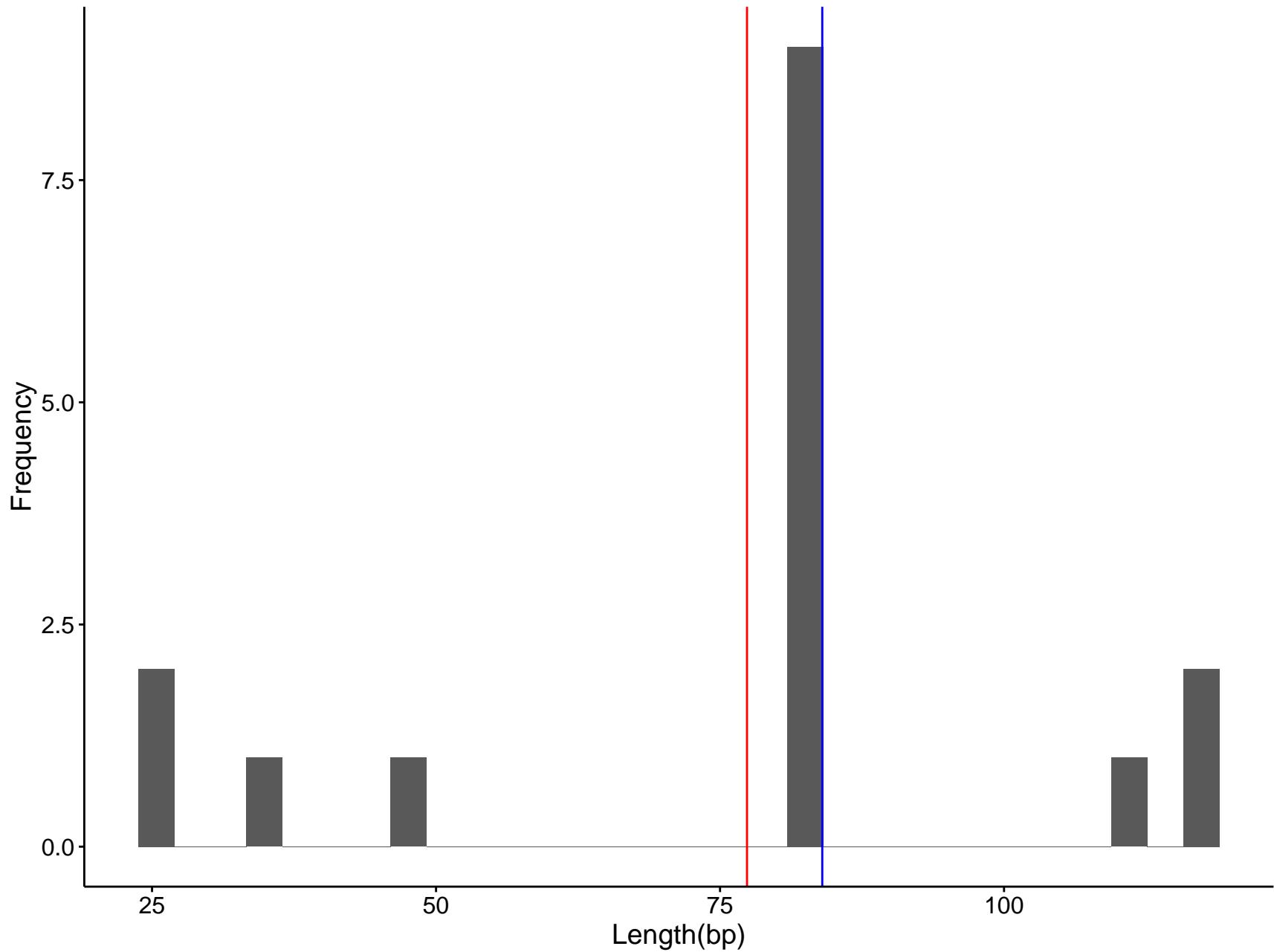
Cluster2108



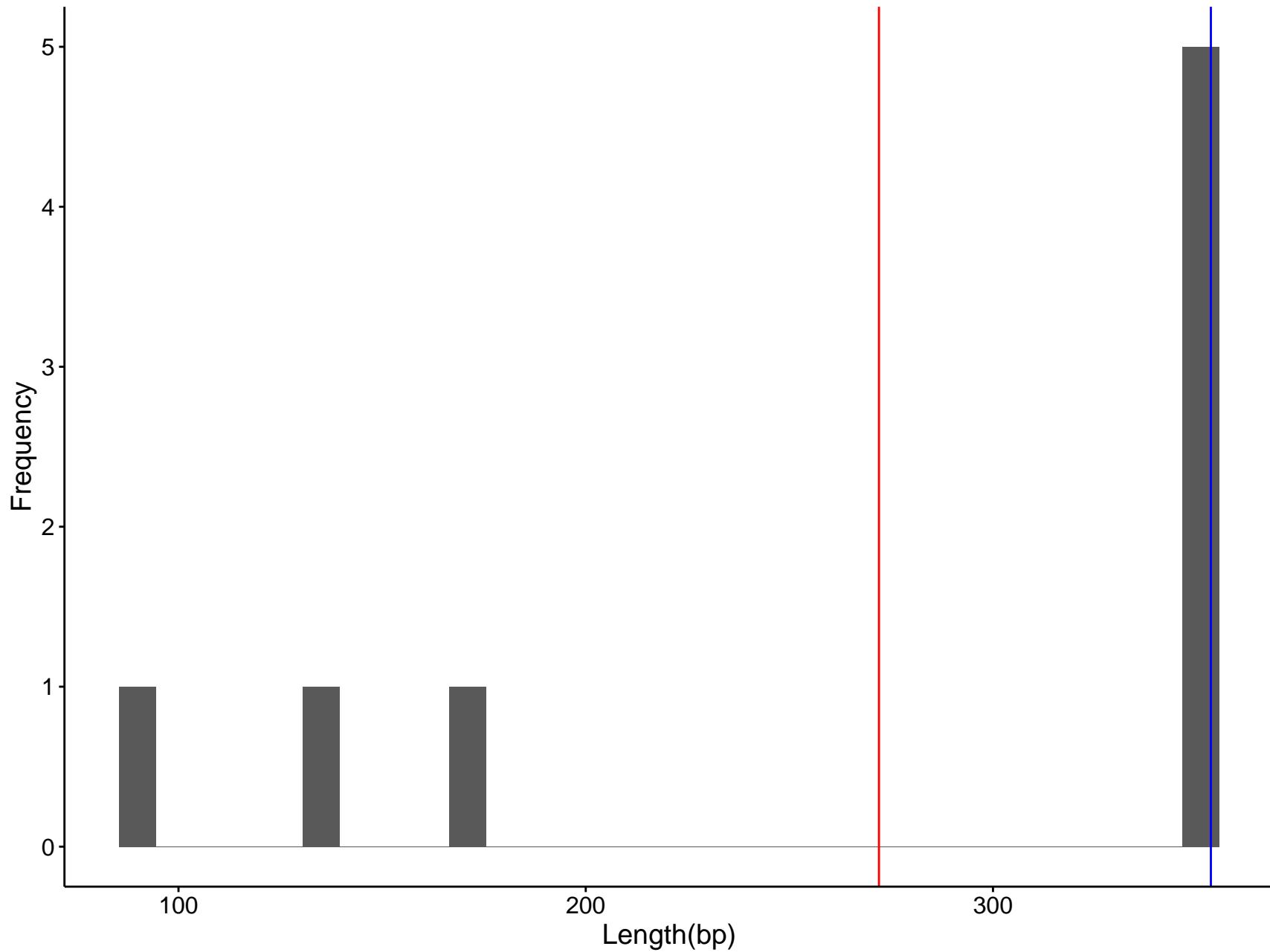
Cluster2109



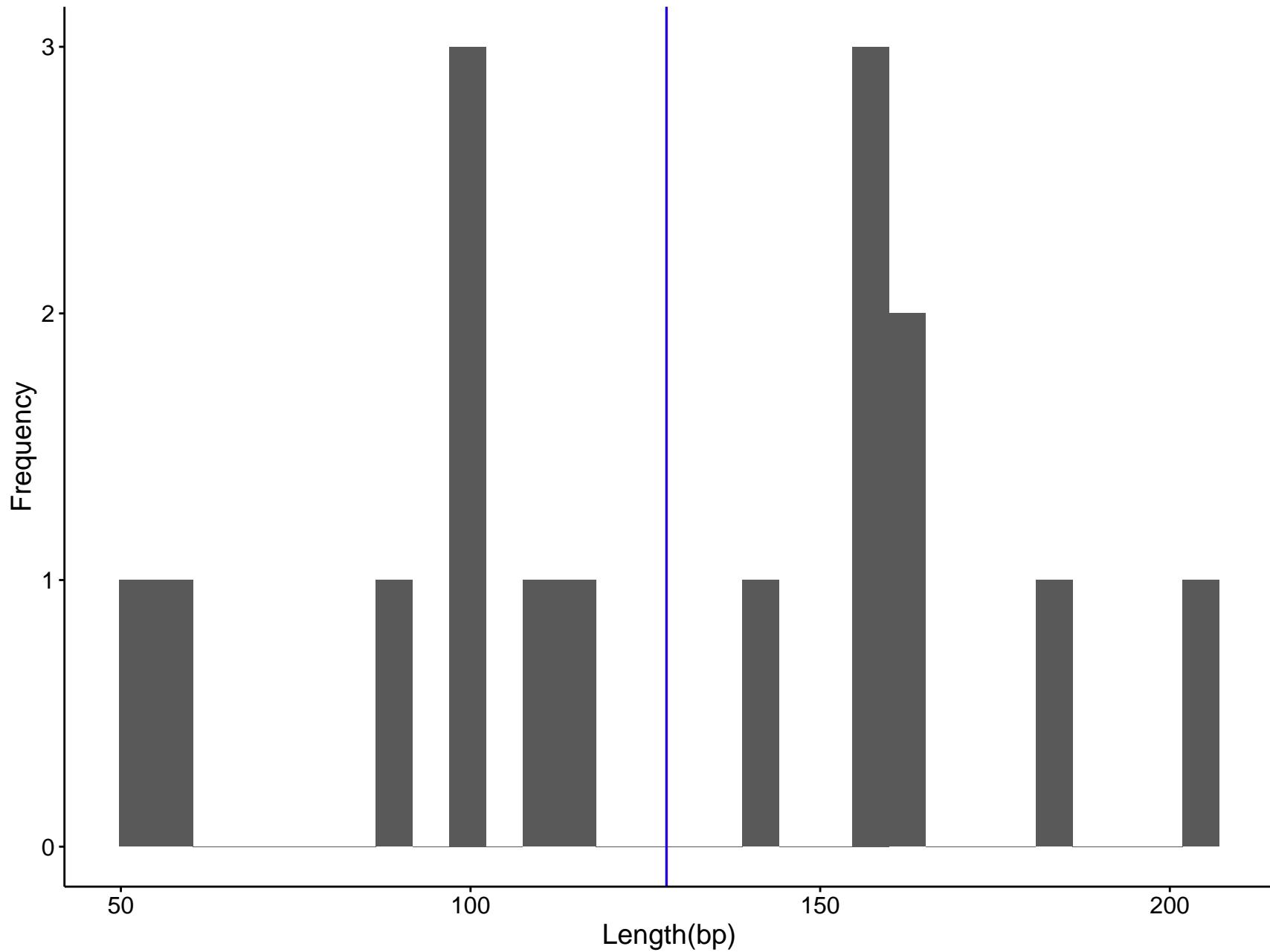
Cluster2110



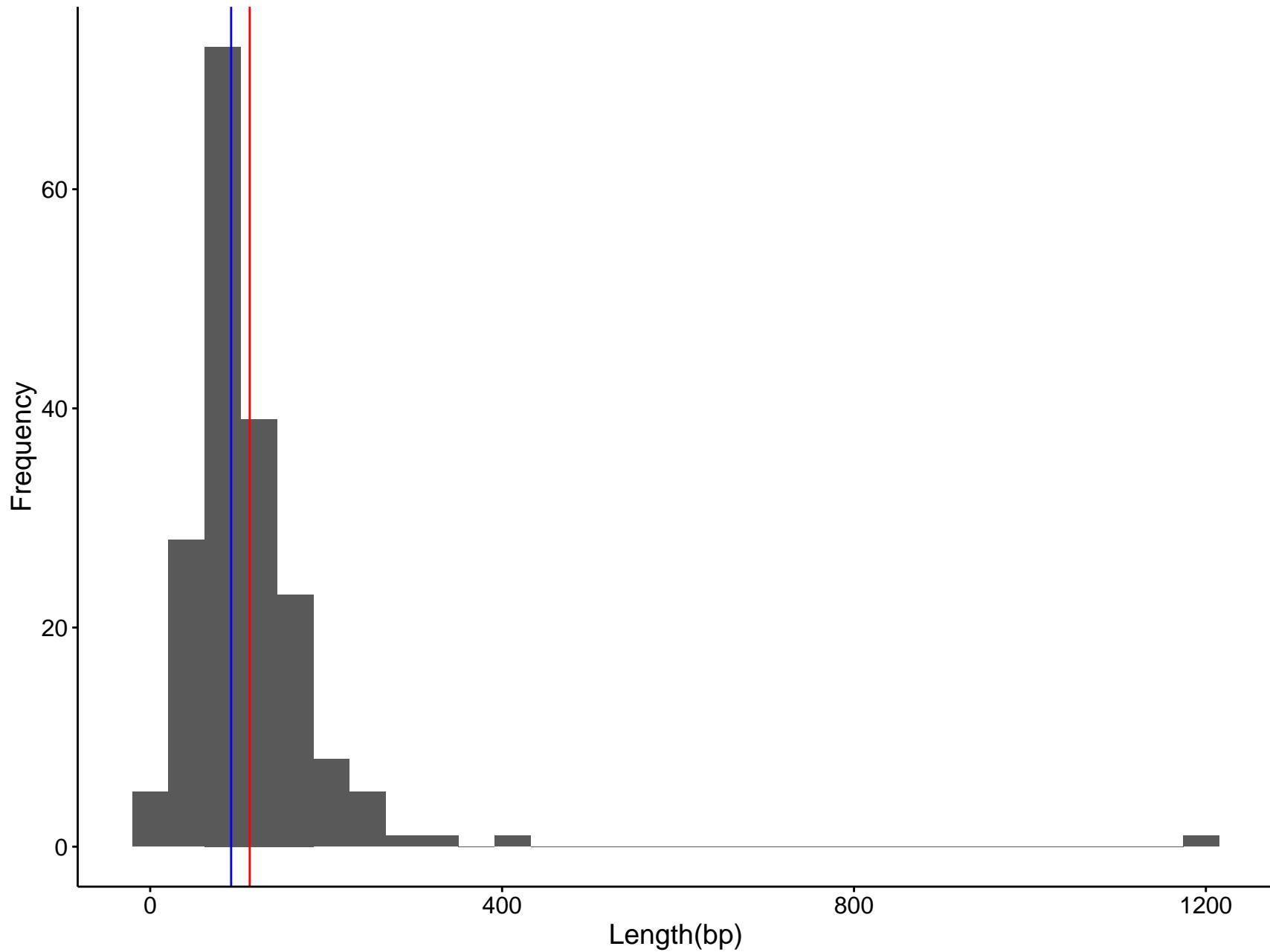
Cluster2111



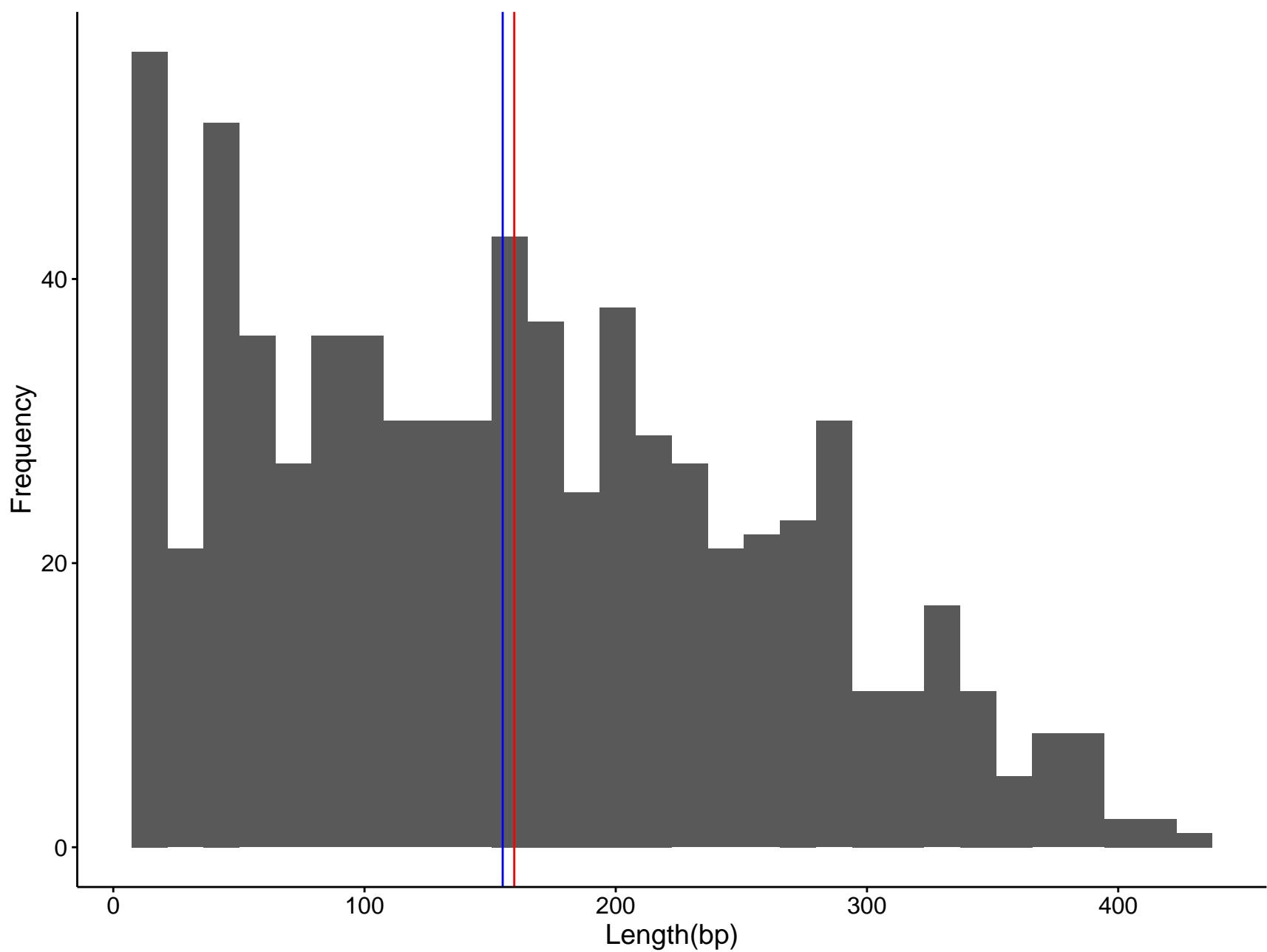
Cluster2112



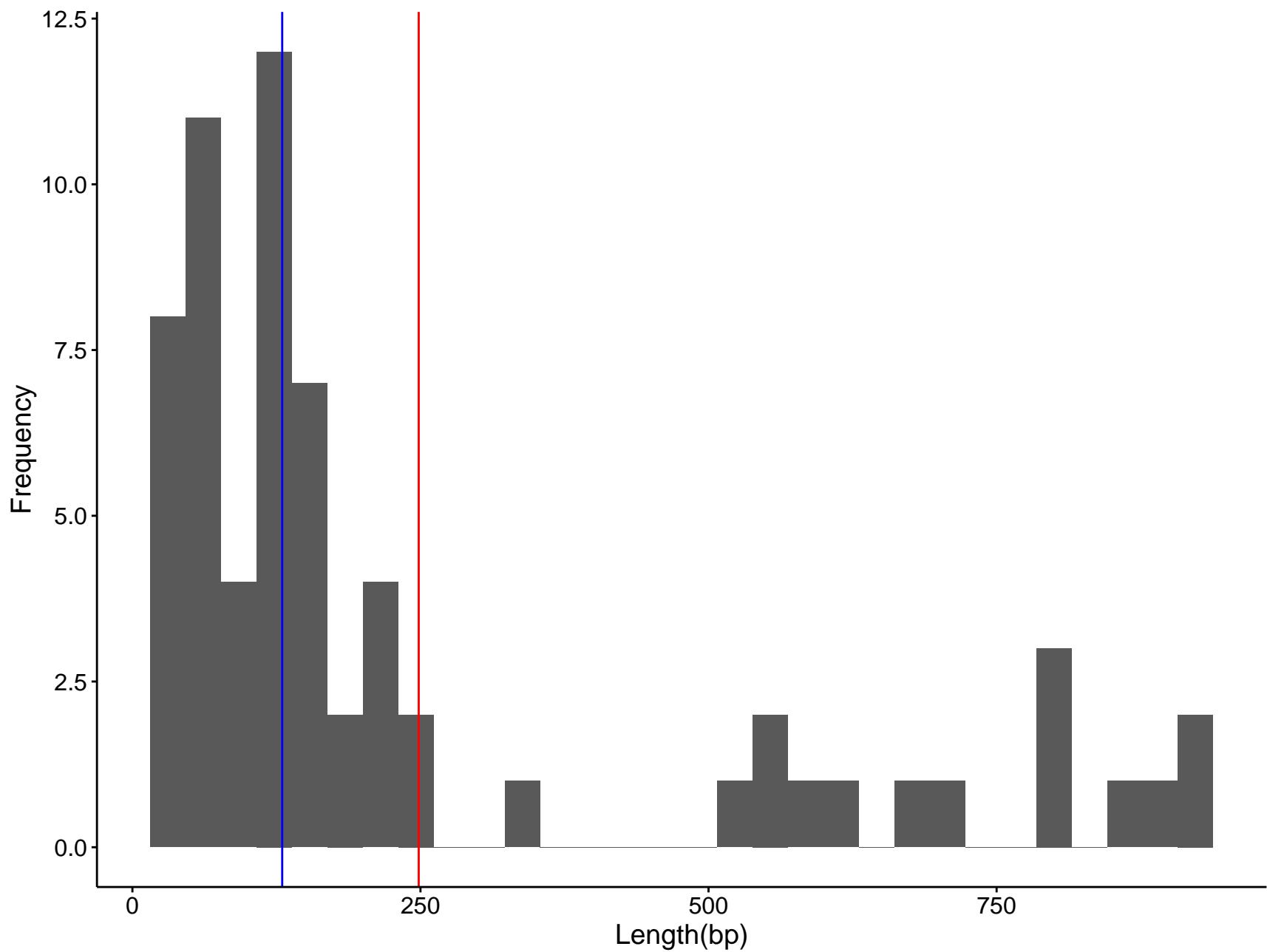
Cluster2114



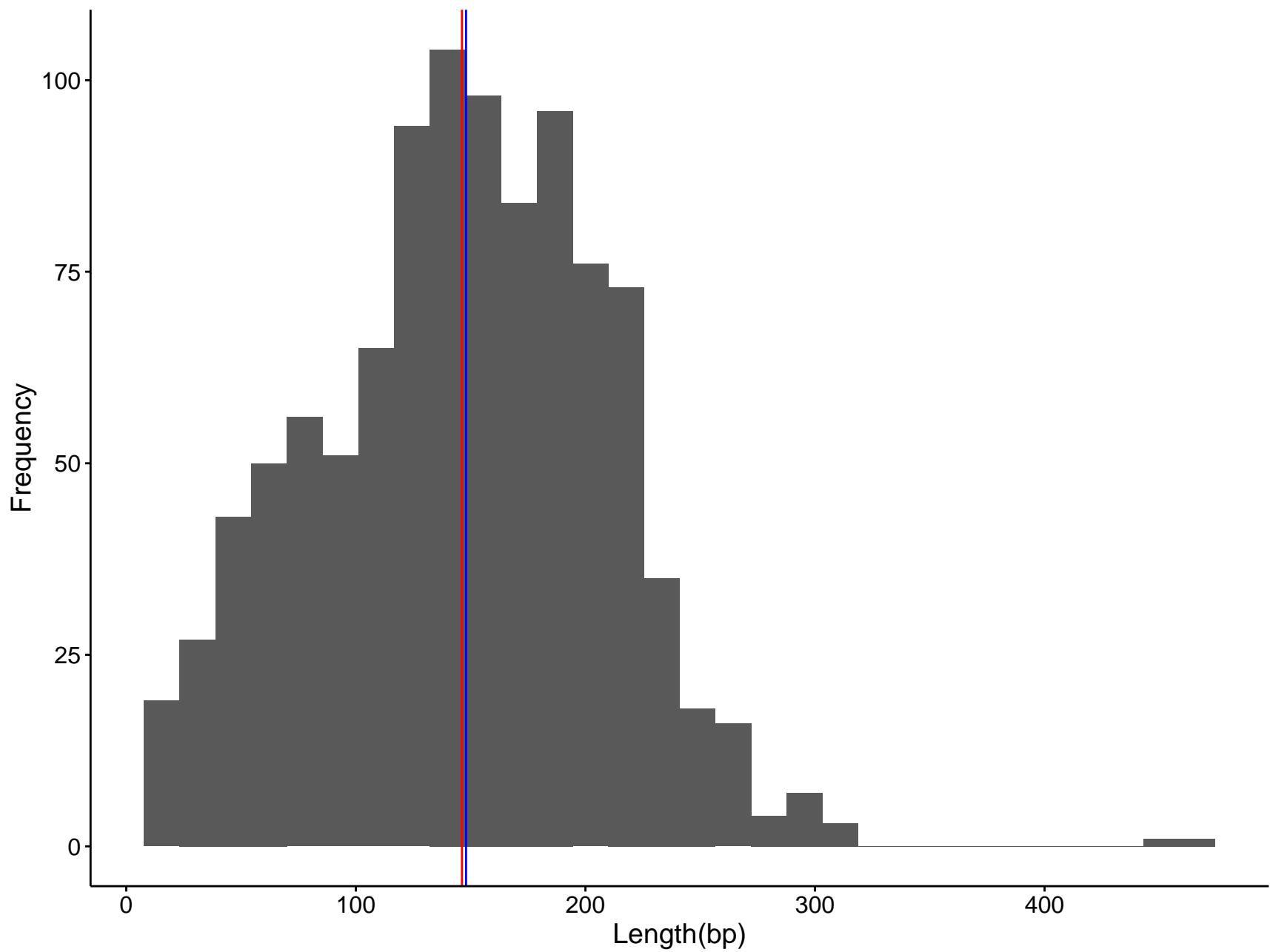
Cluster2115



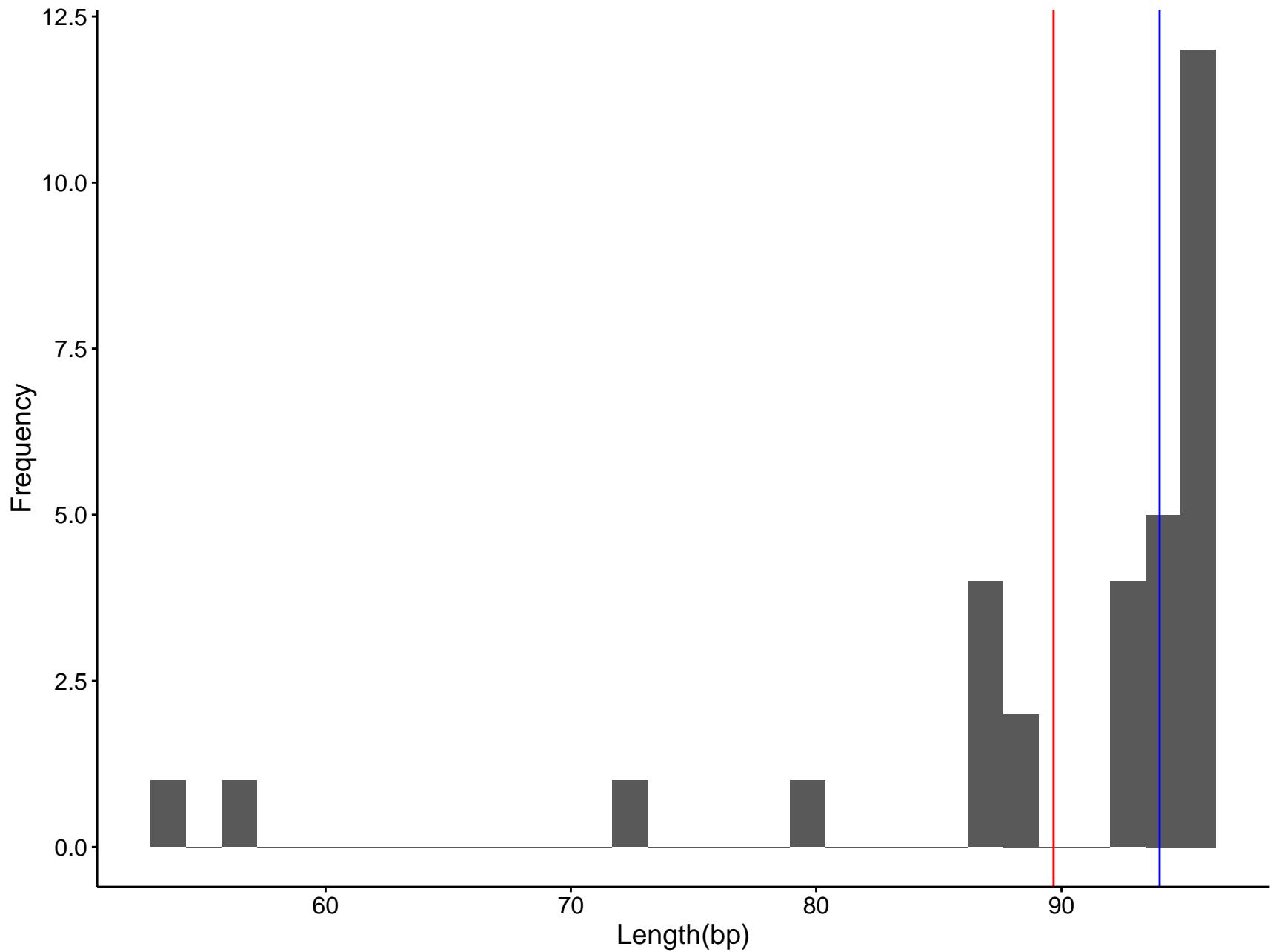
Cluster2117



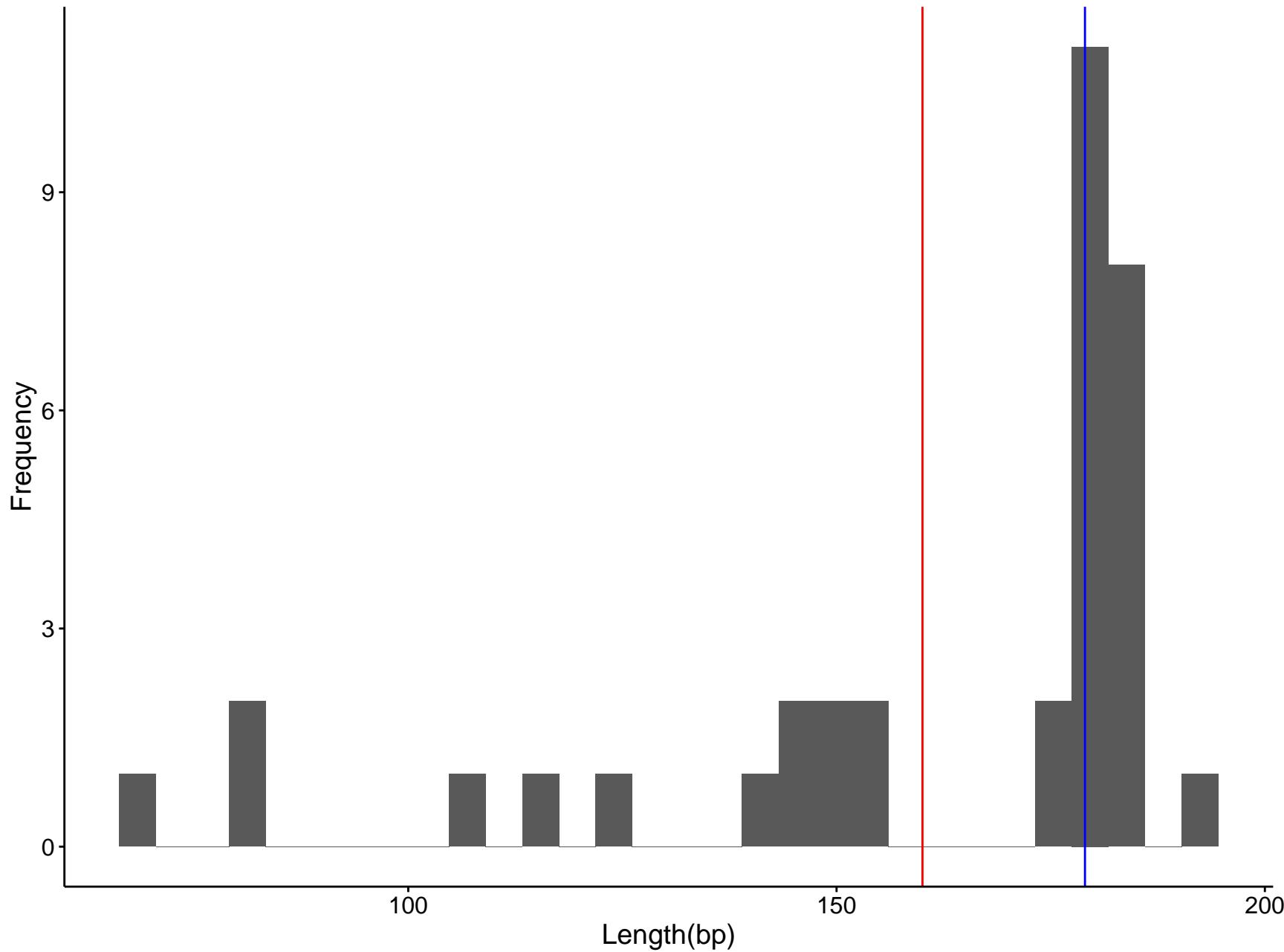
Cluster2119



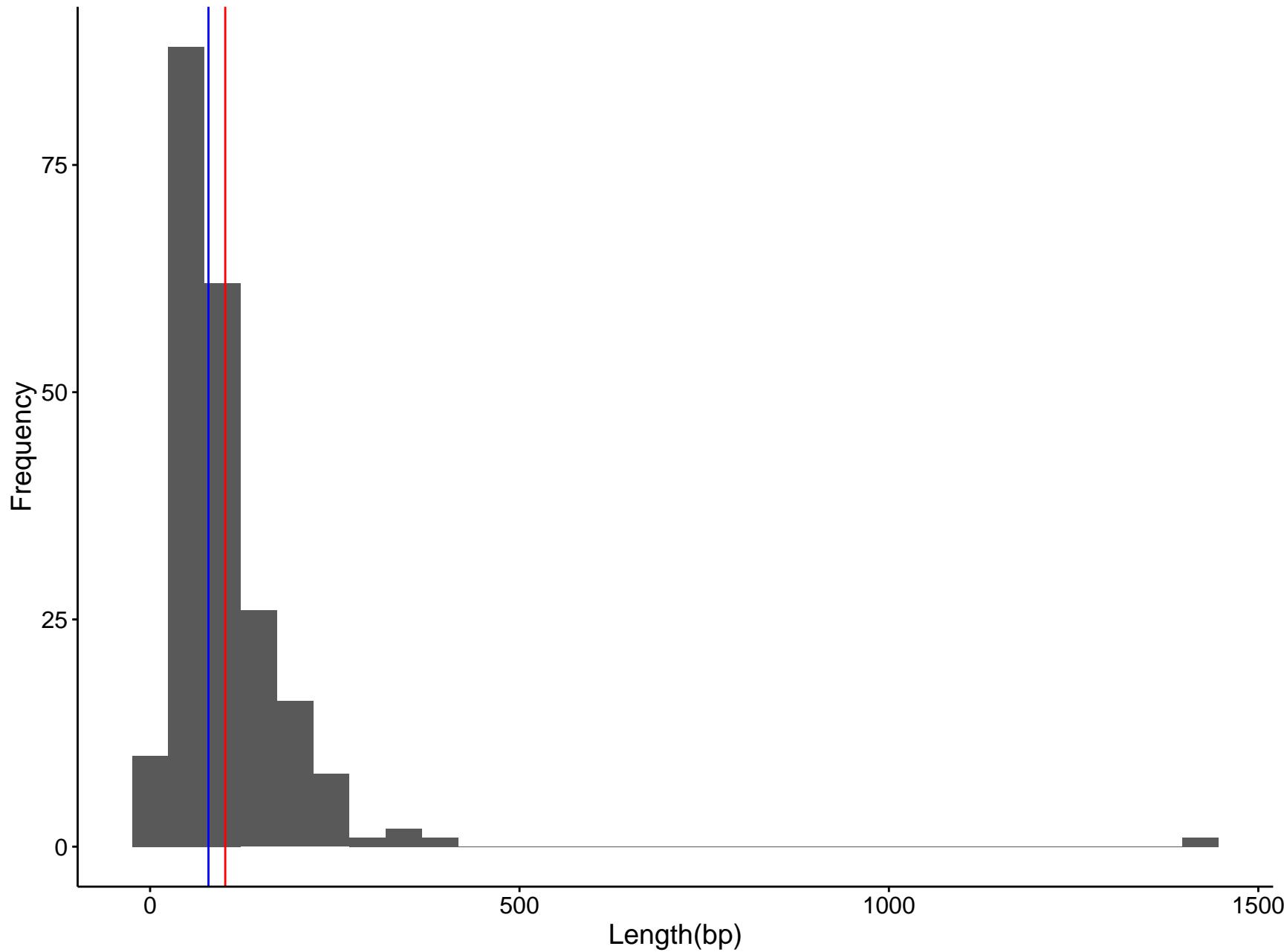
Cluster2121



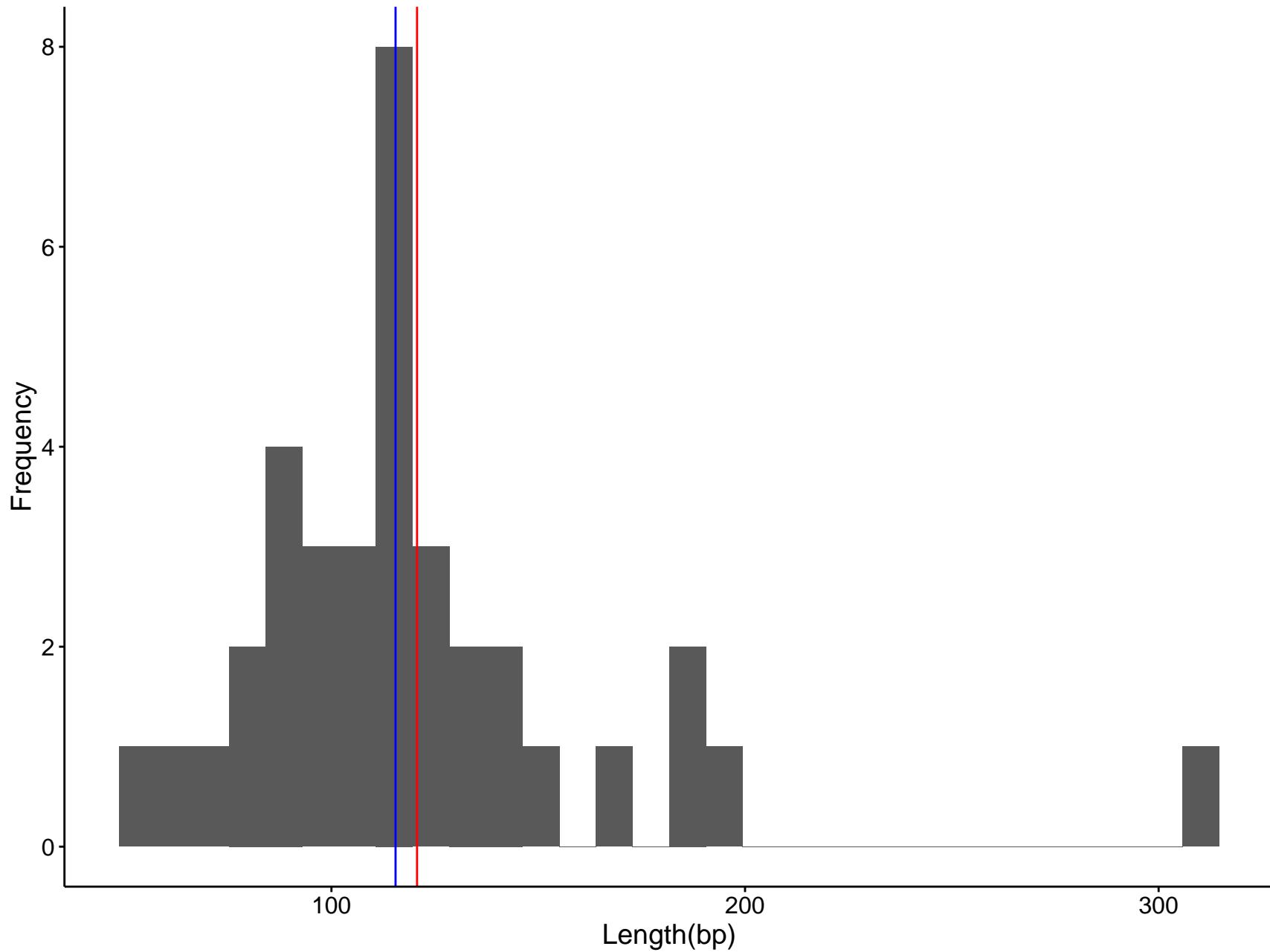
Cluster2123



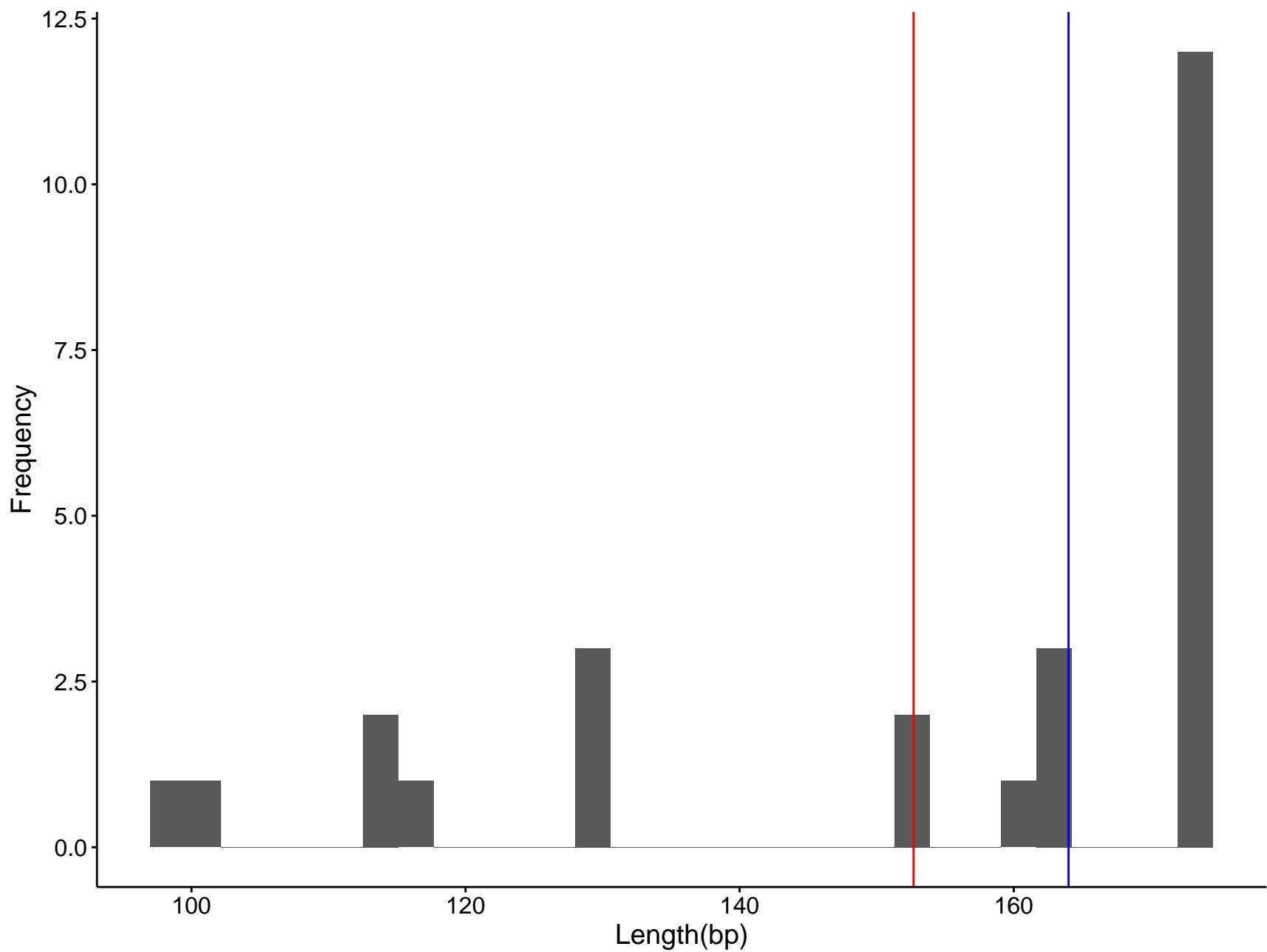
Cluster2126



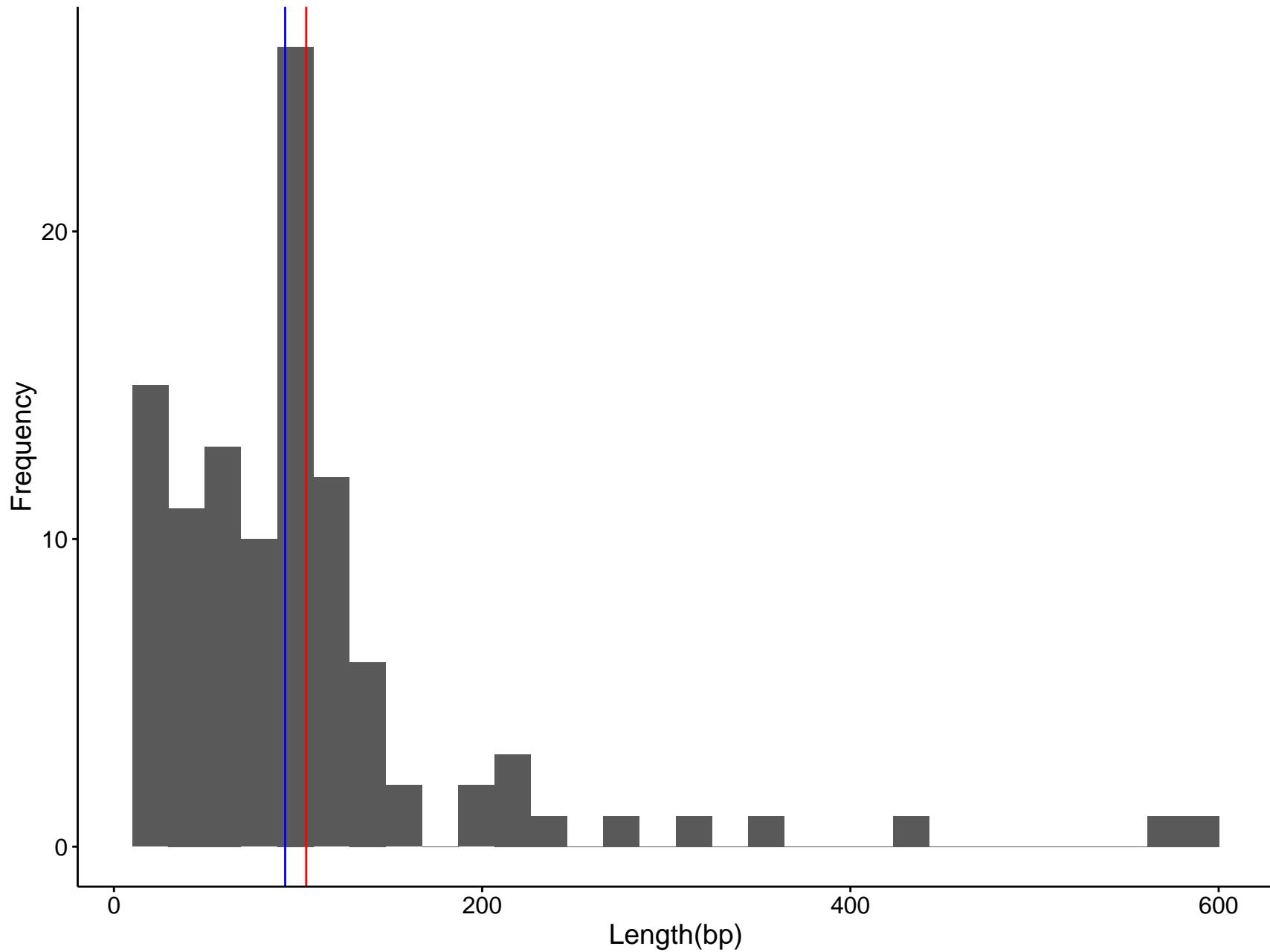
Cluster2127



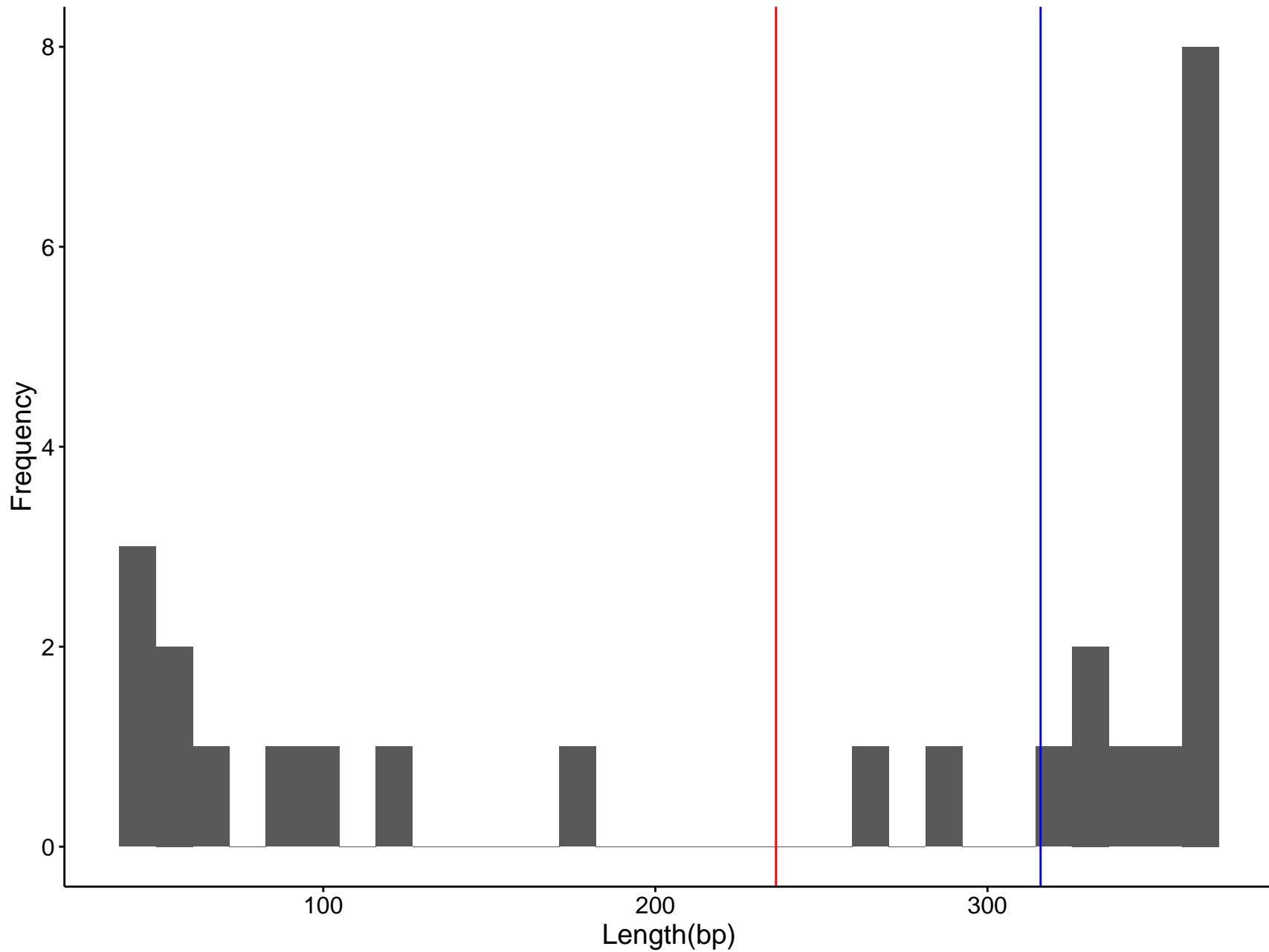
Cluster2129



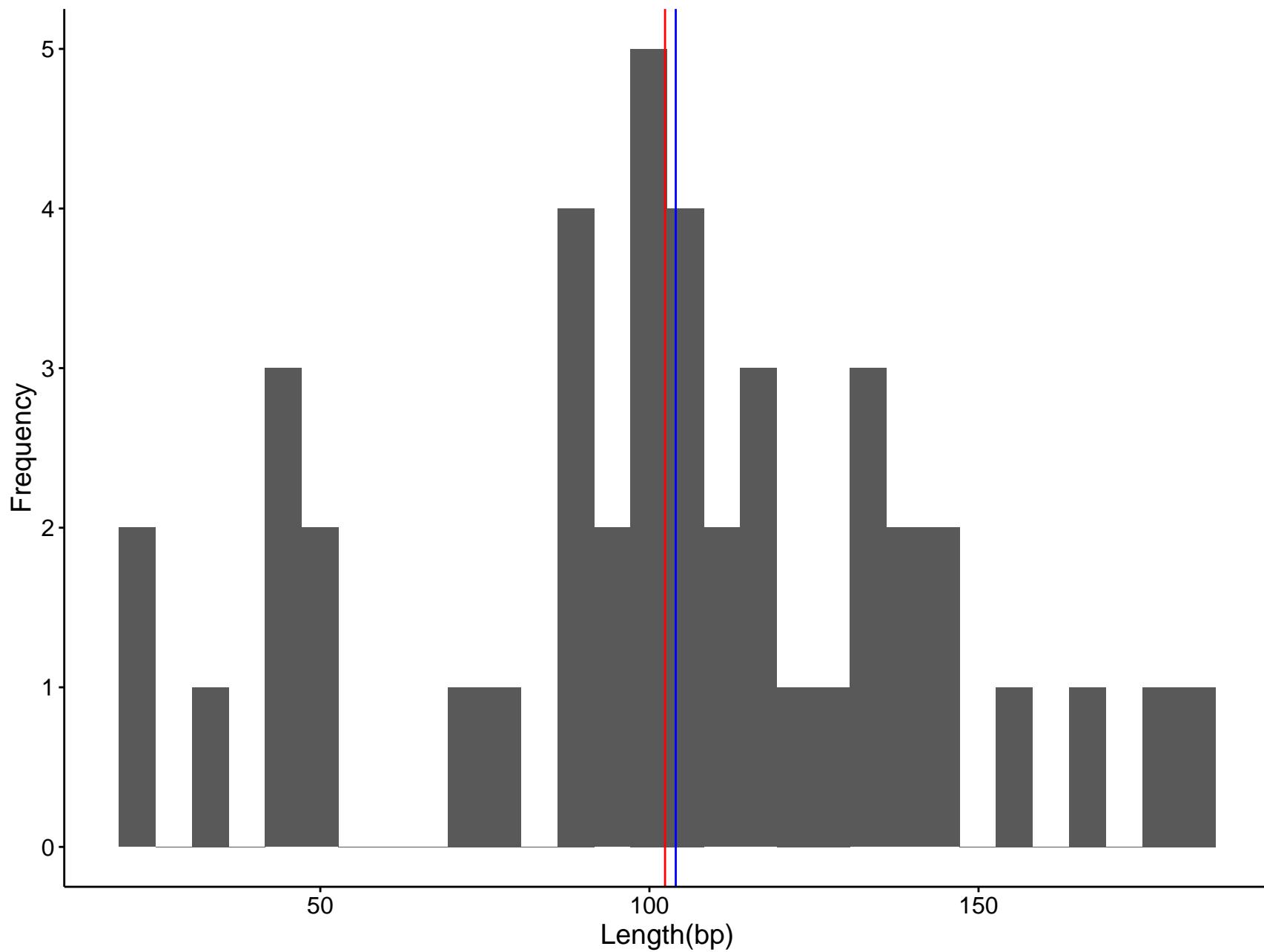
Cluster2130



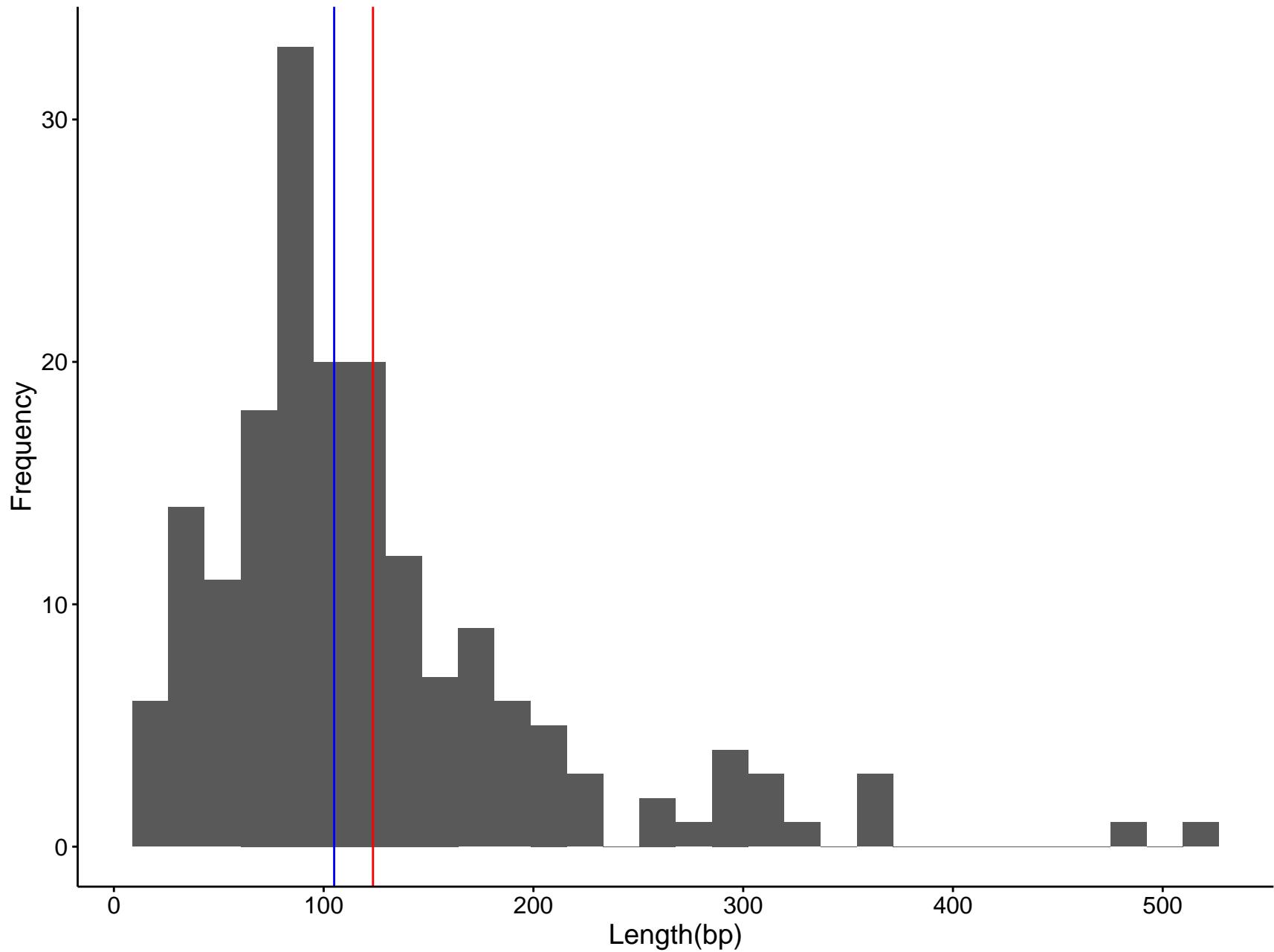
Cluster2131



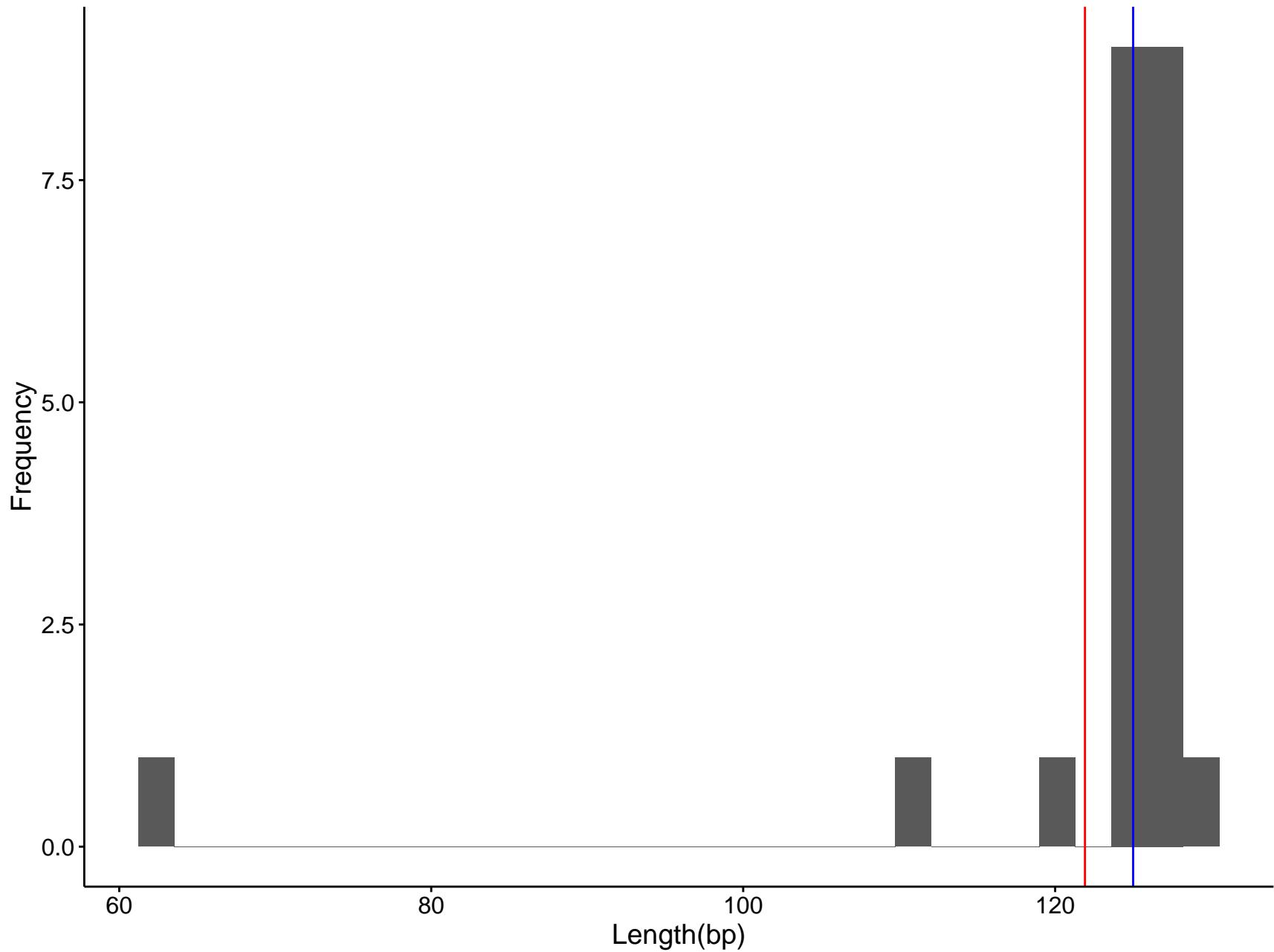
Cluster2132



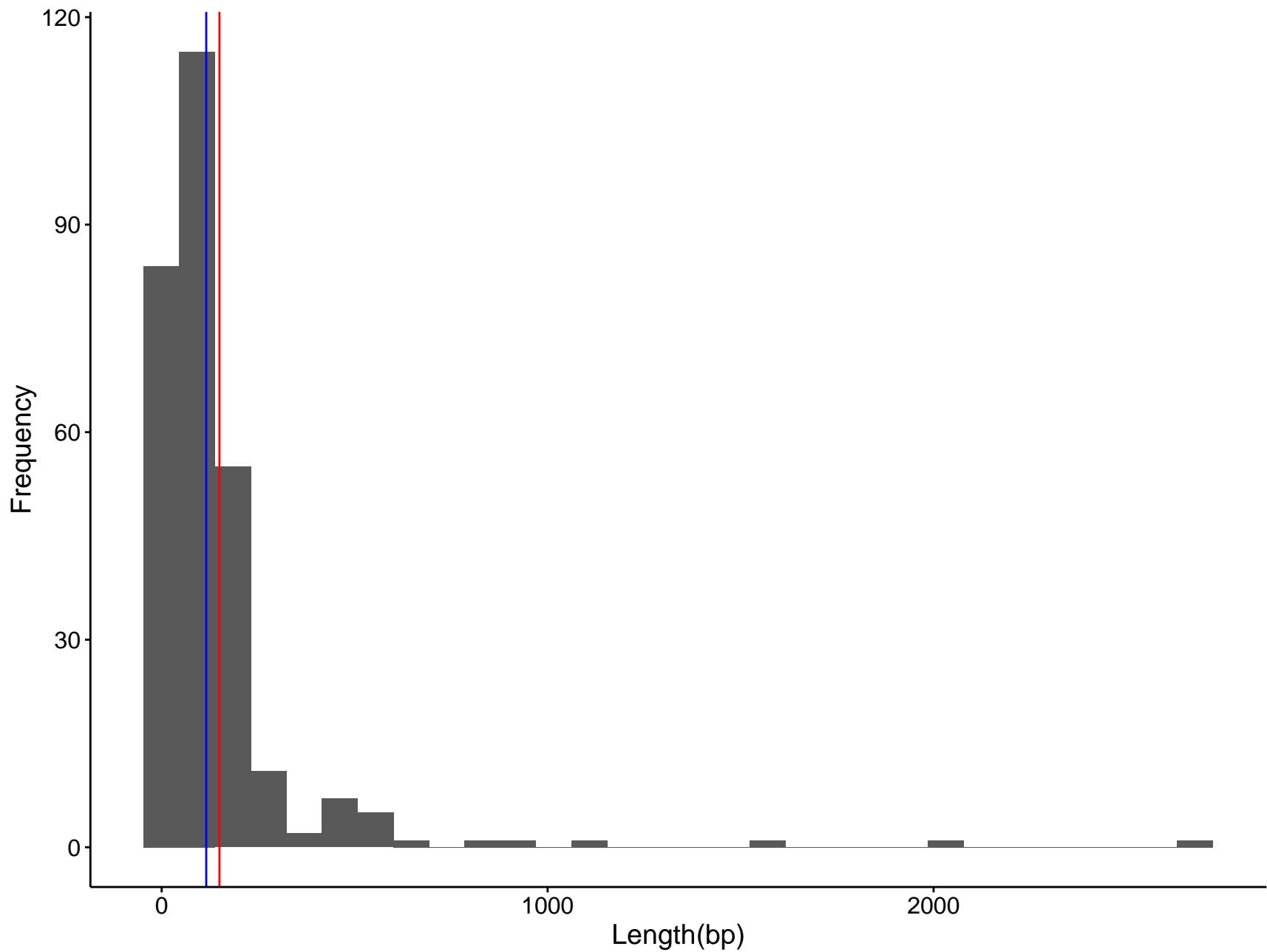
Cluster2134



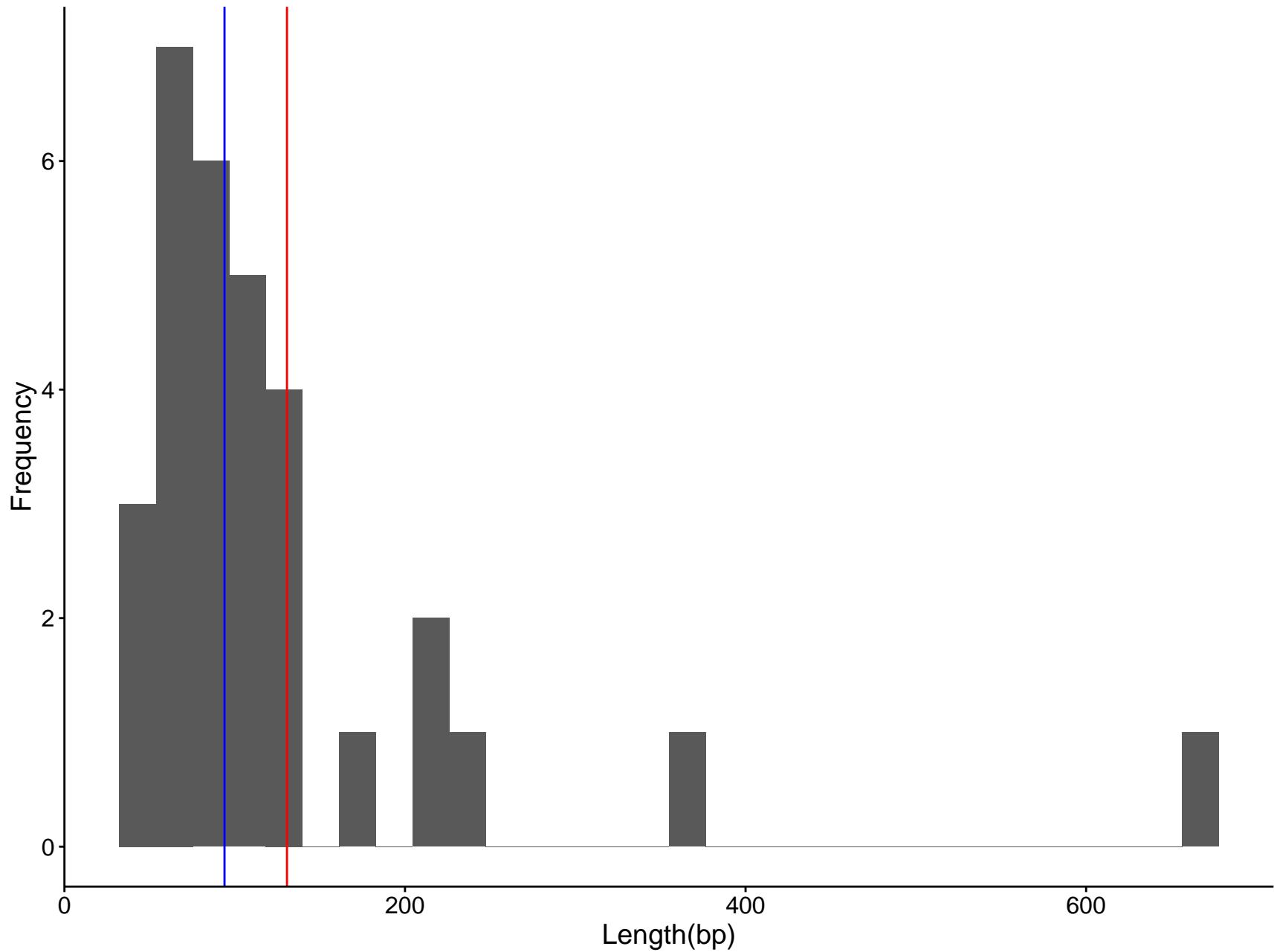
Cluster2135



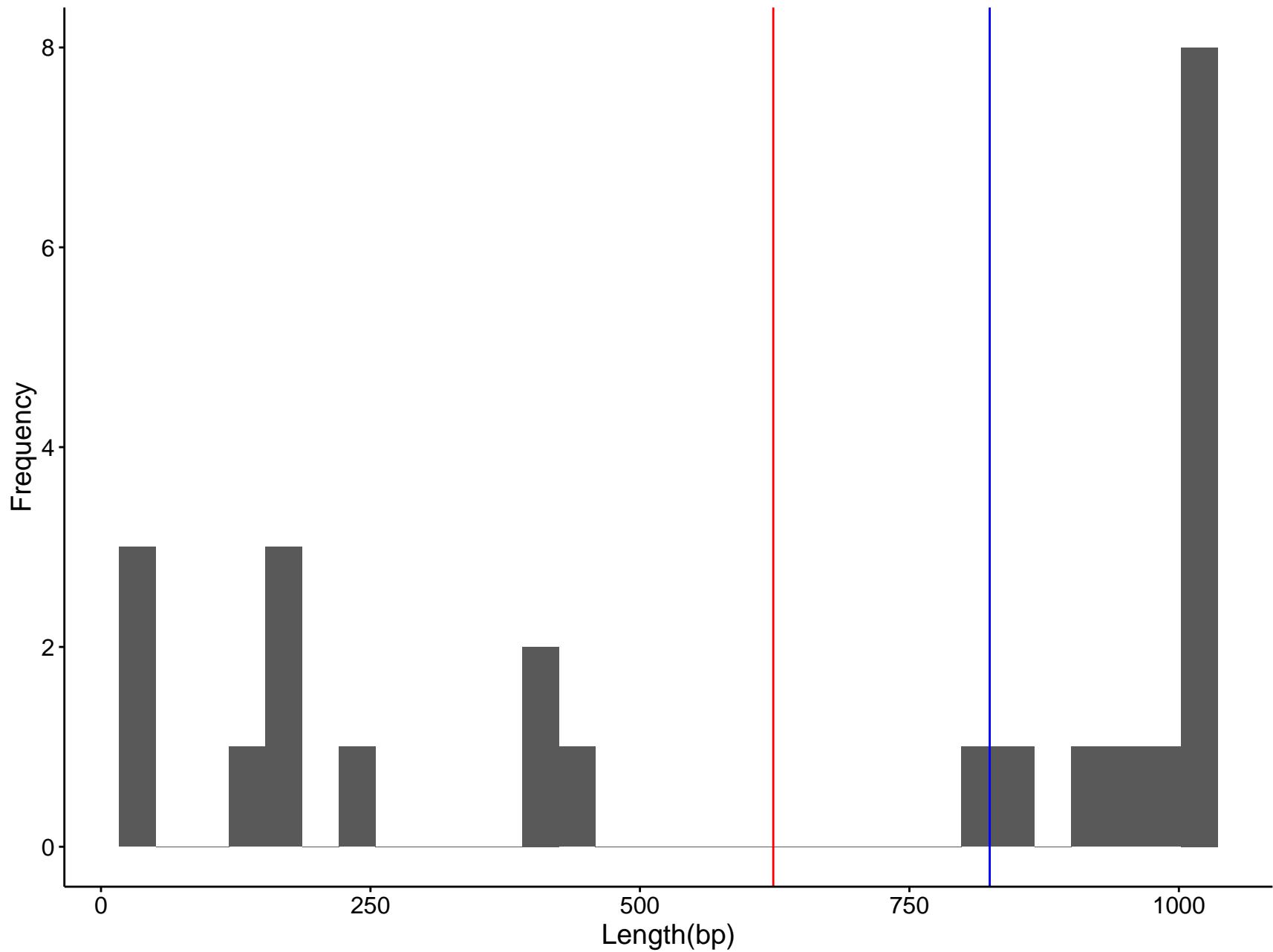
Cluster2137



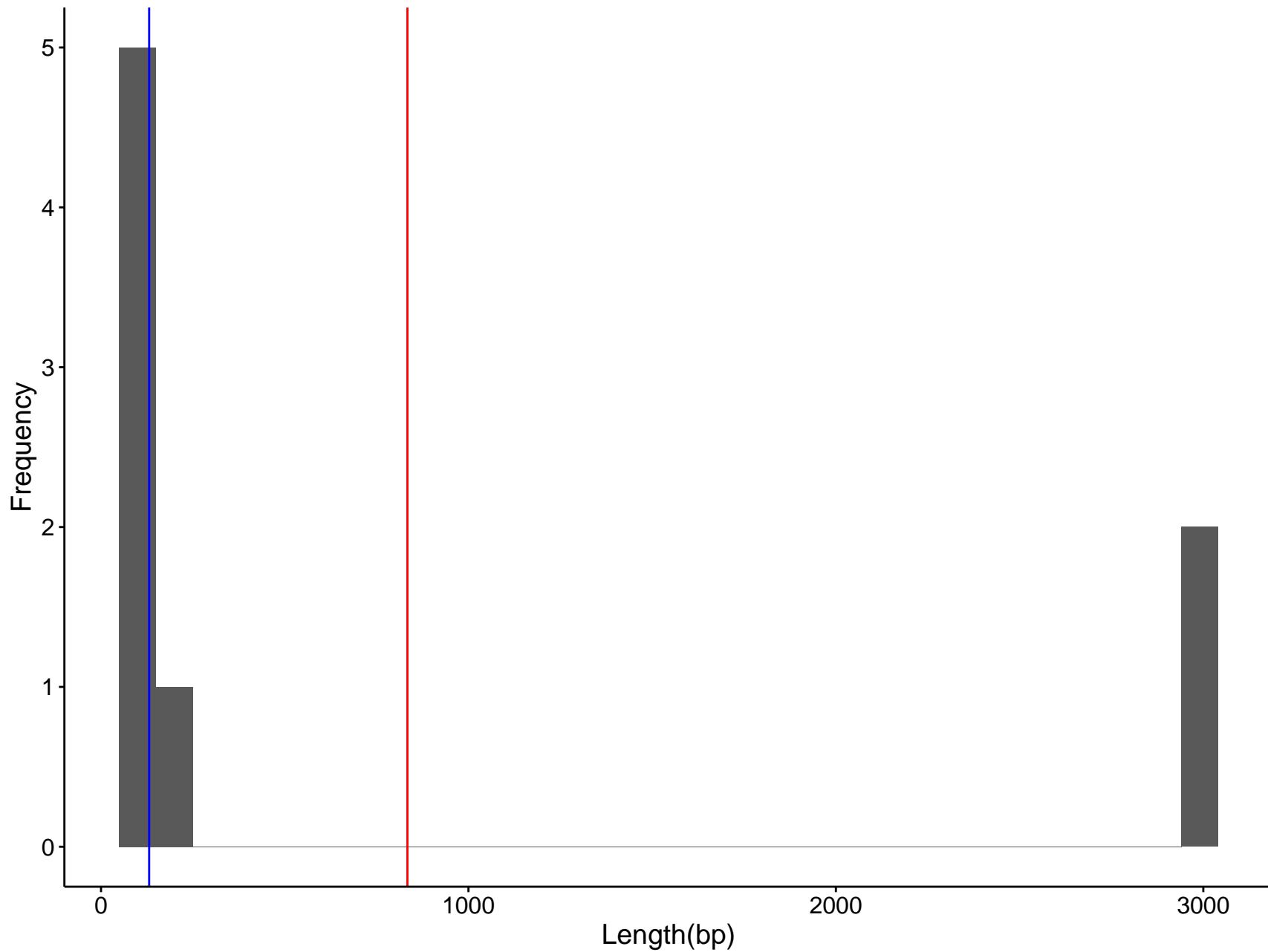
Cluster2138



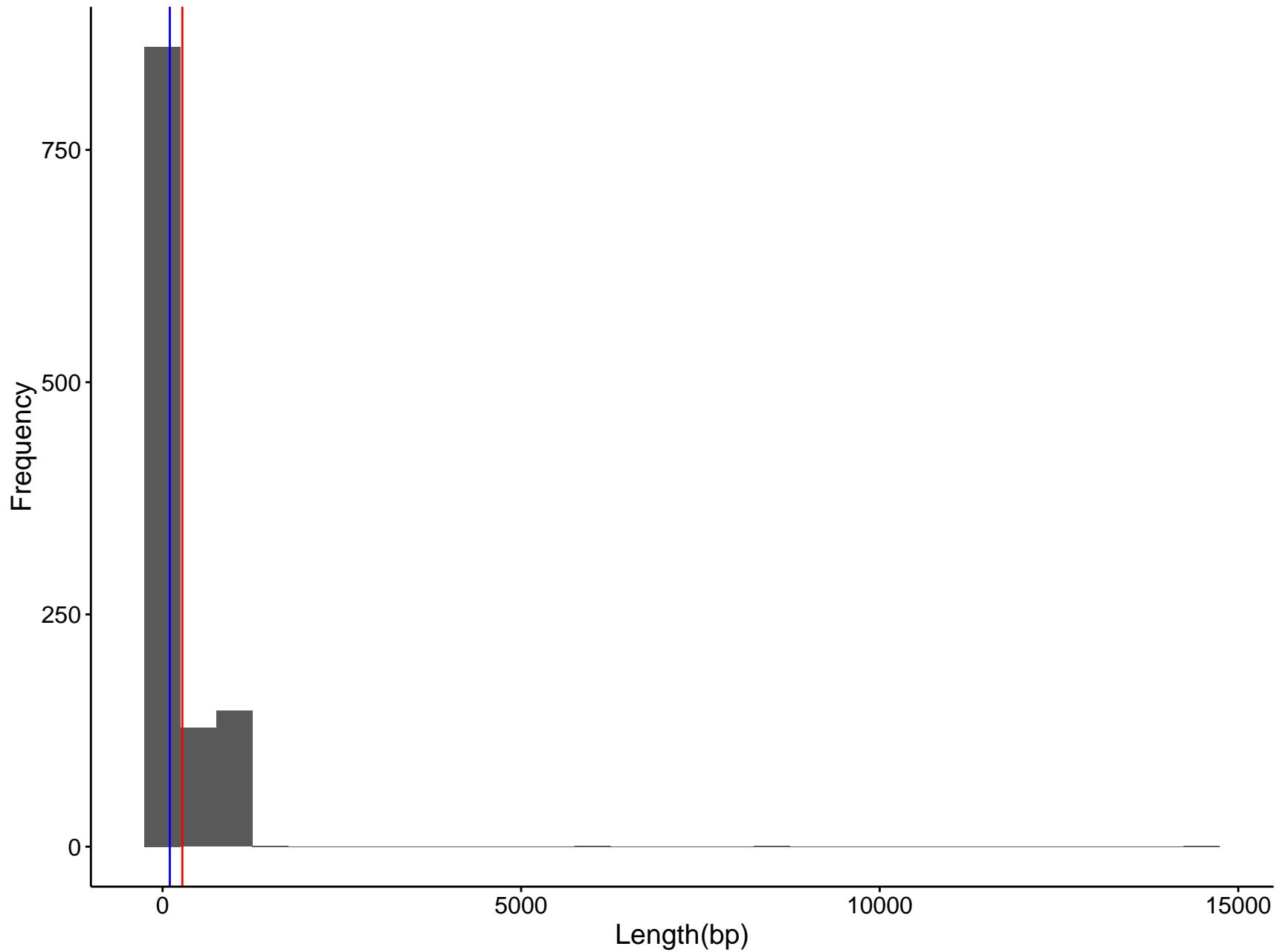
Cluster2139



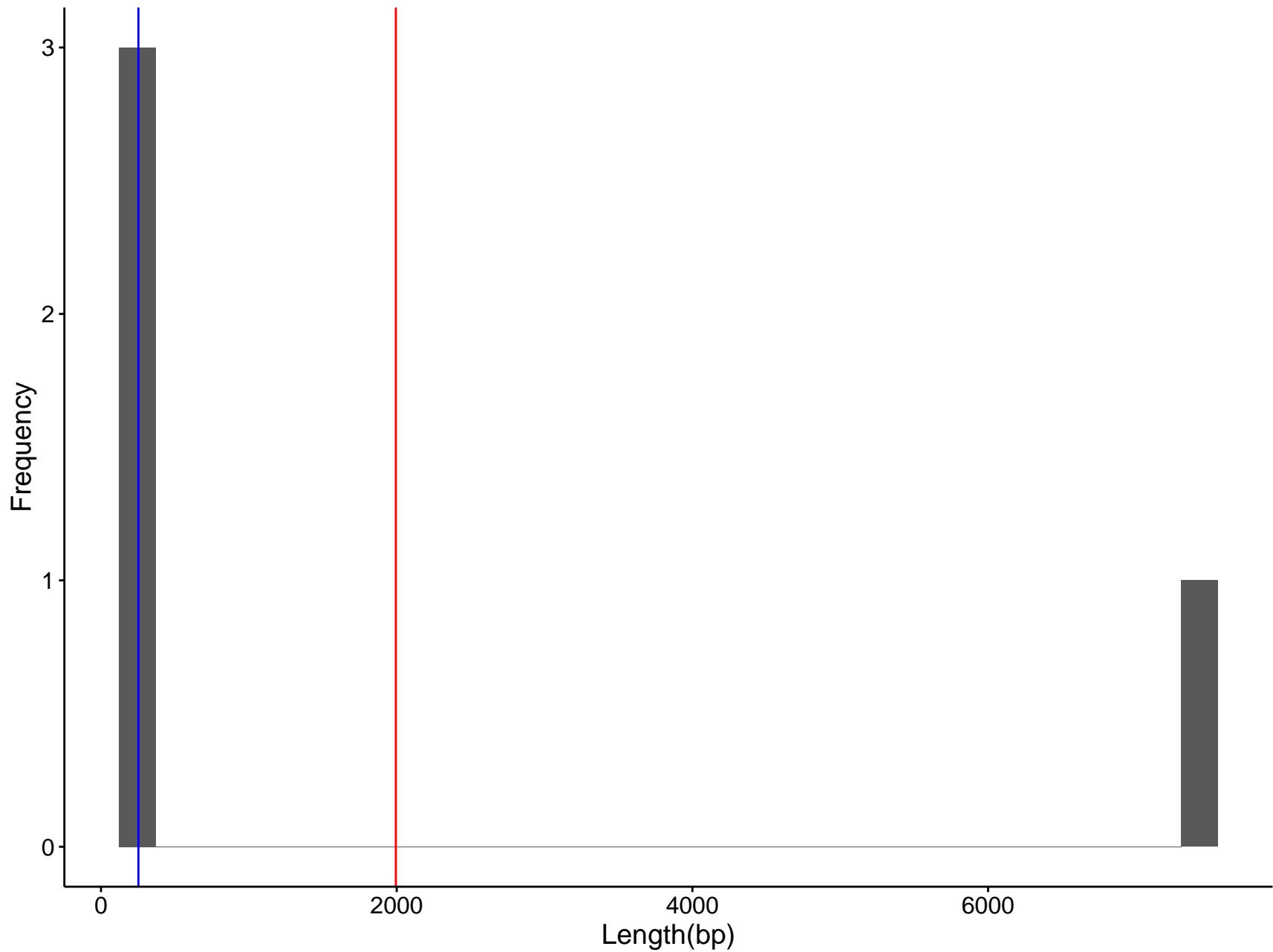
Cluster2140



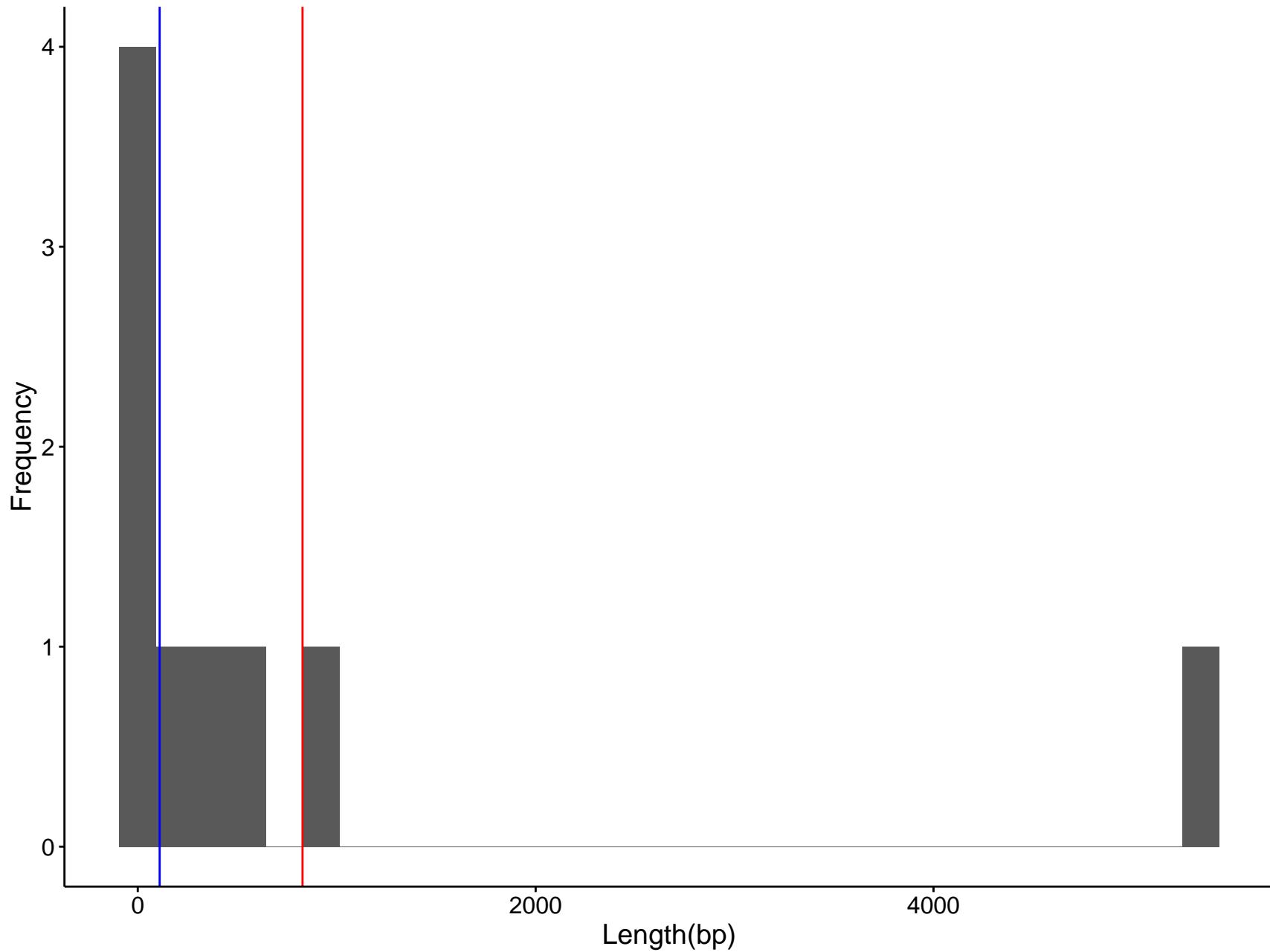
Cluster2141



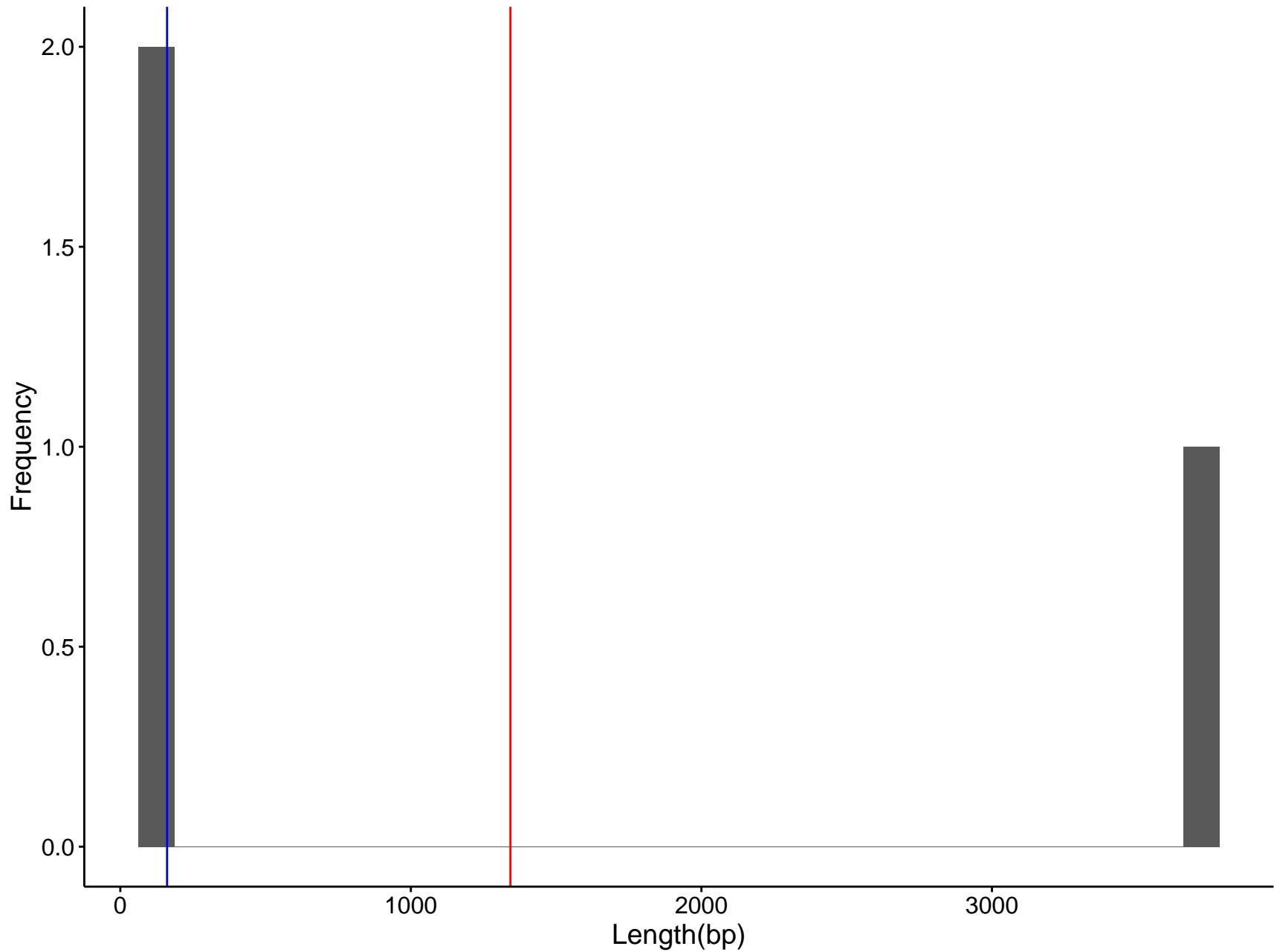
Cluster2142



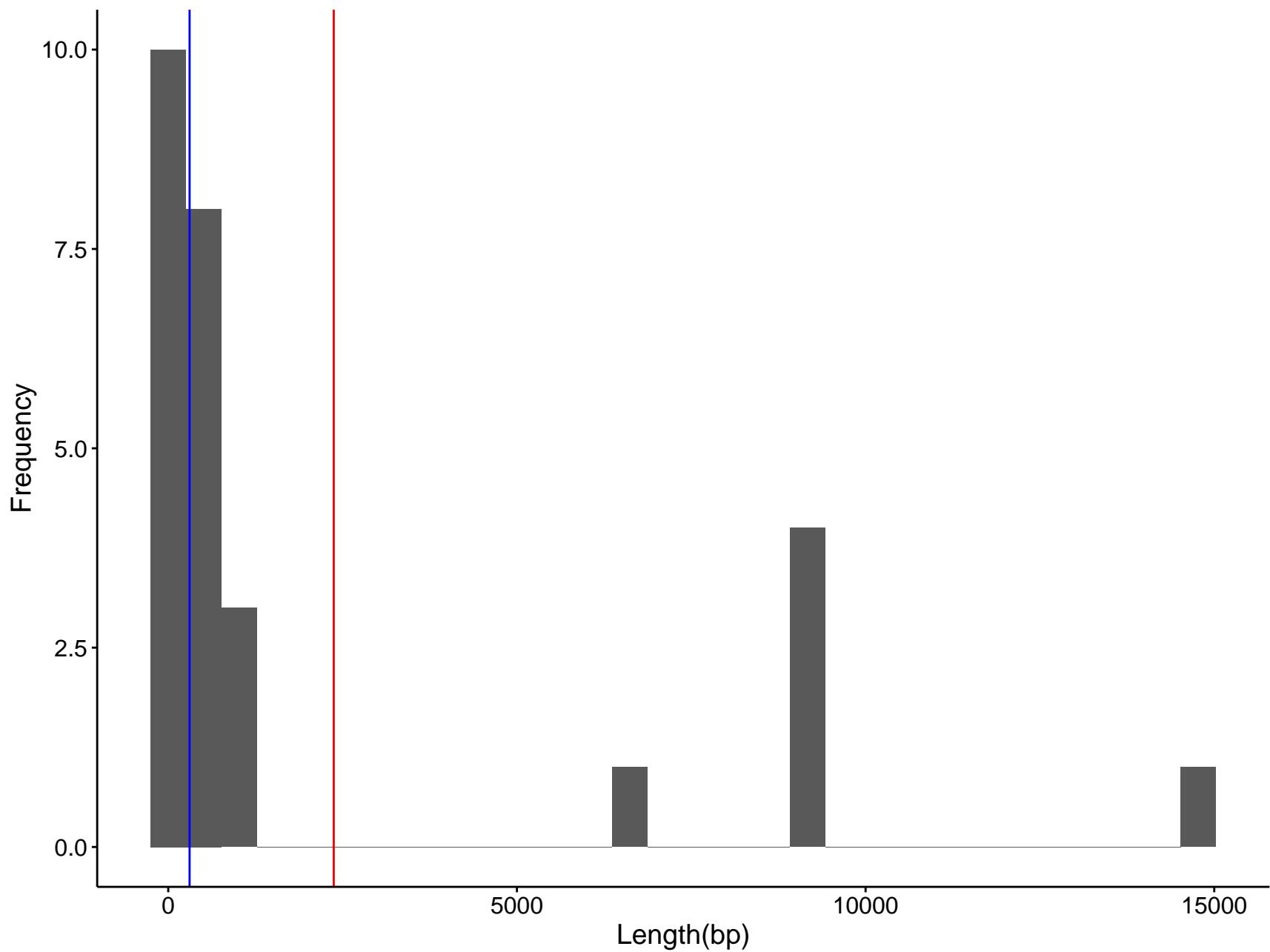
Cluster2143



Cluster2144



Cluster2146



Cluster2147

Frequency

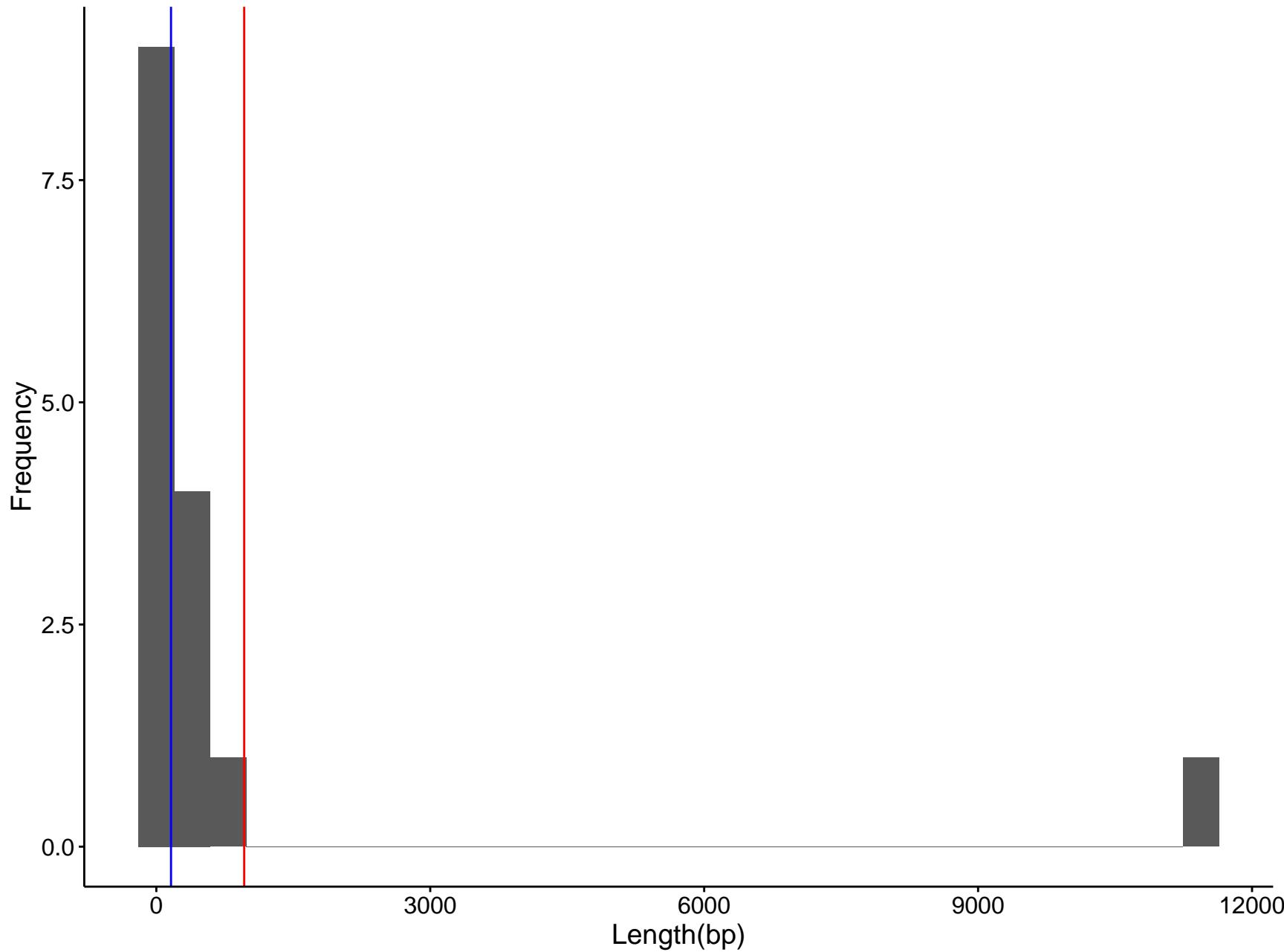
5337.950

5337.975

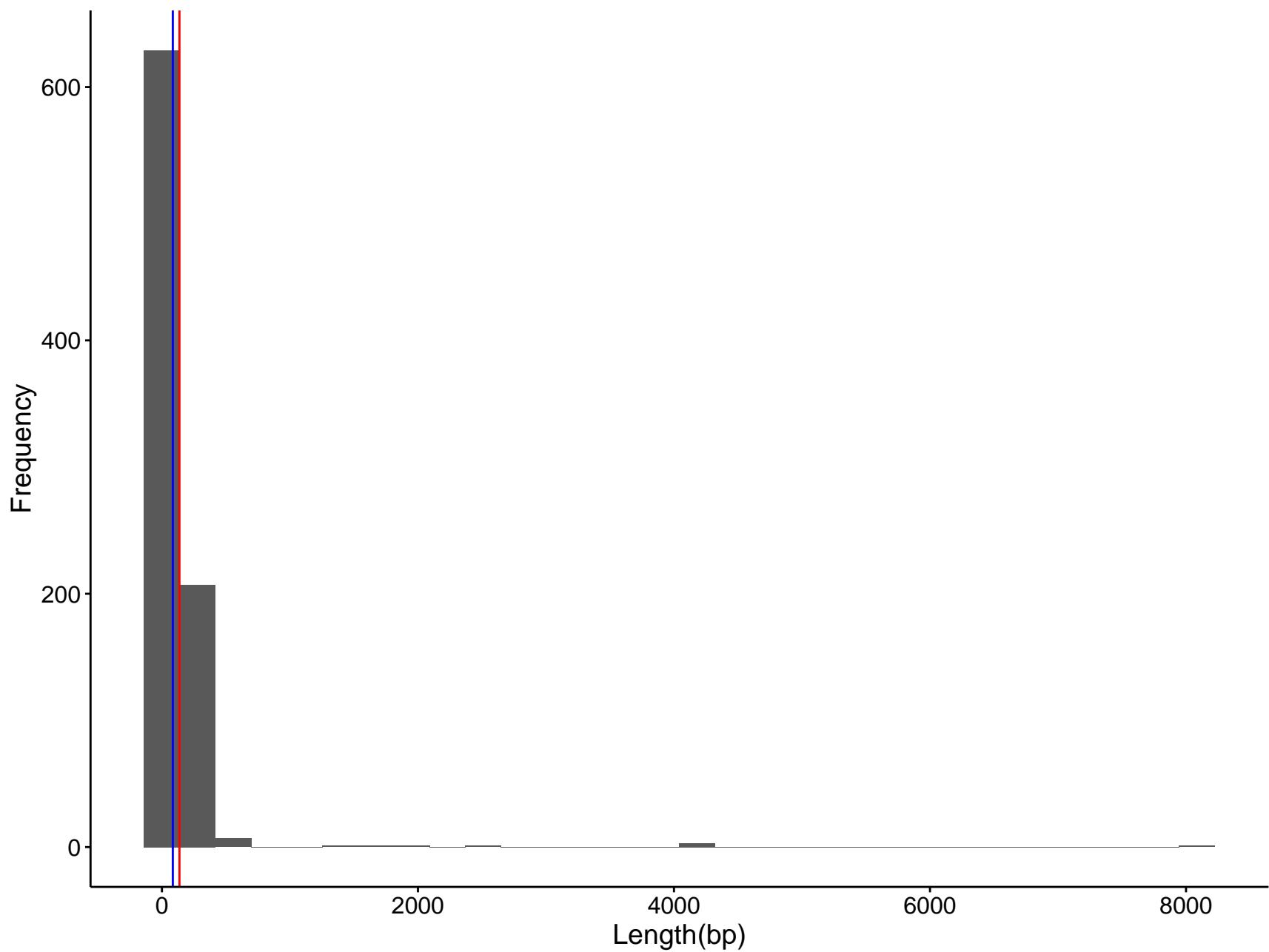
5338.000
Length(bp)

5338.025

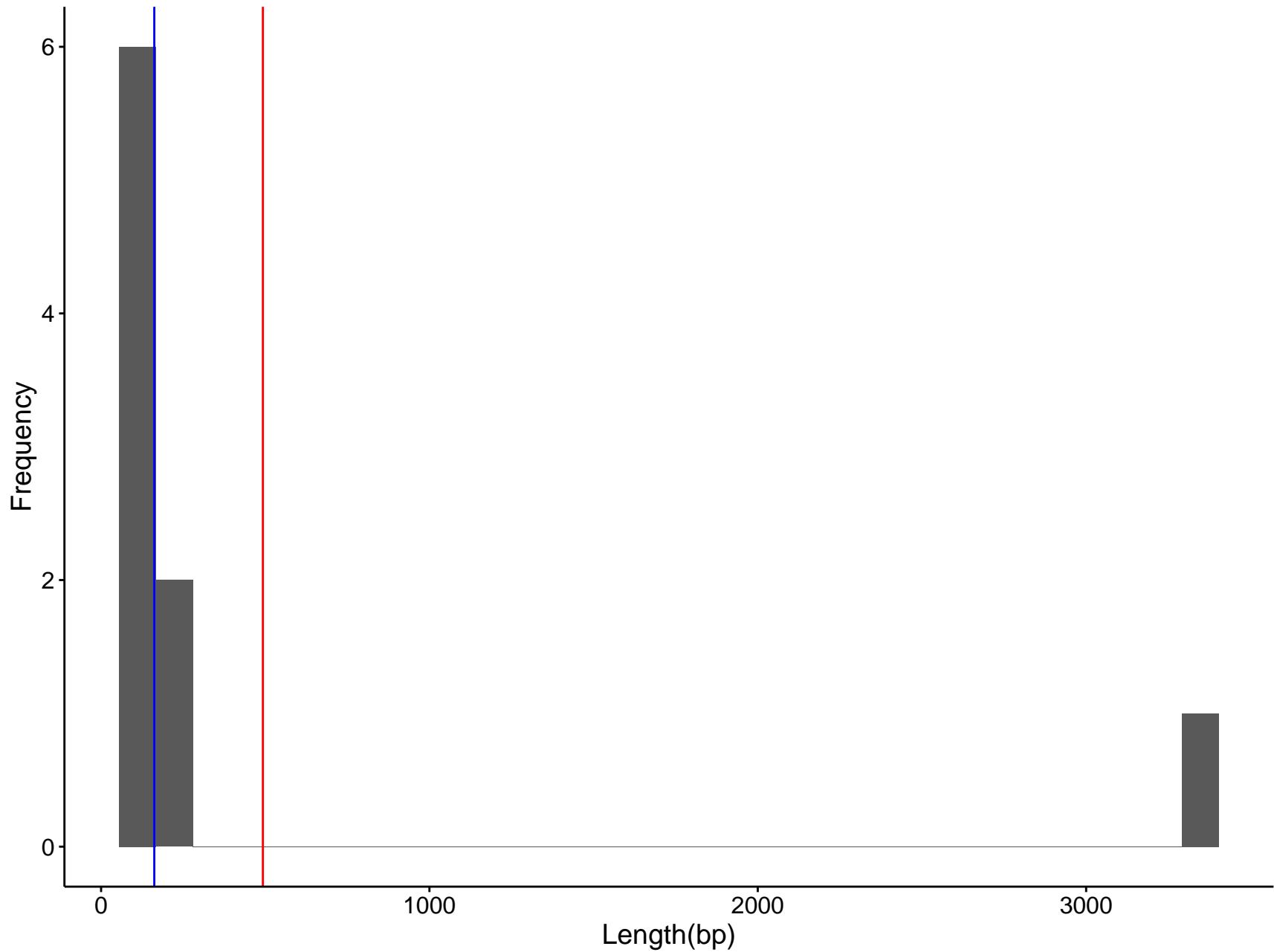
Cluster2148



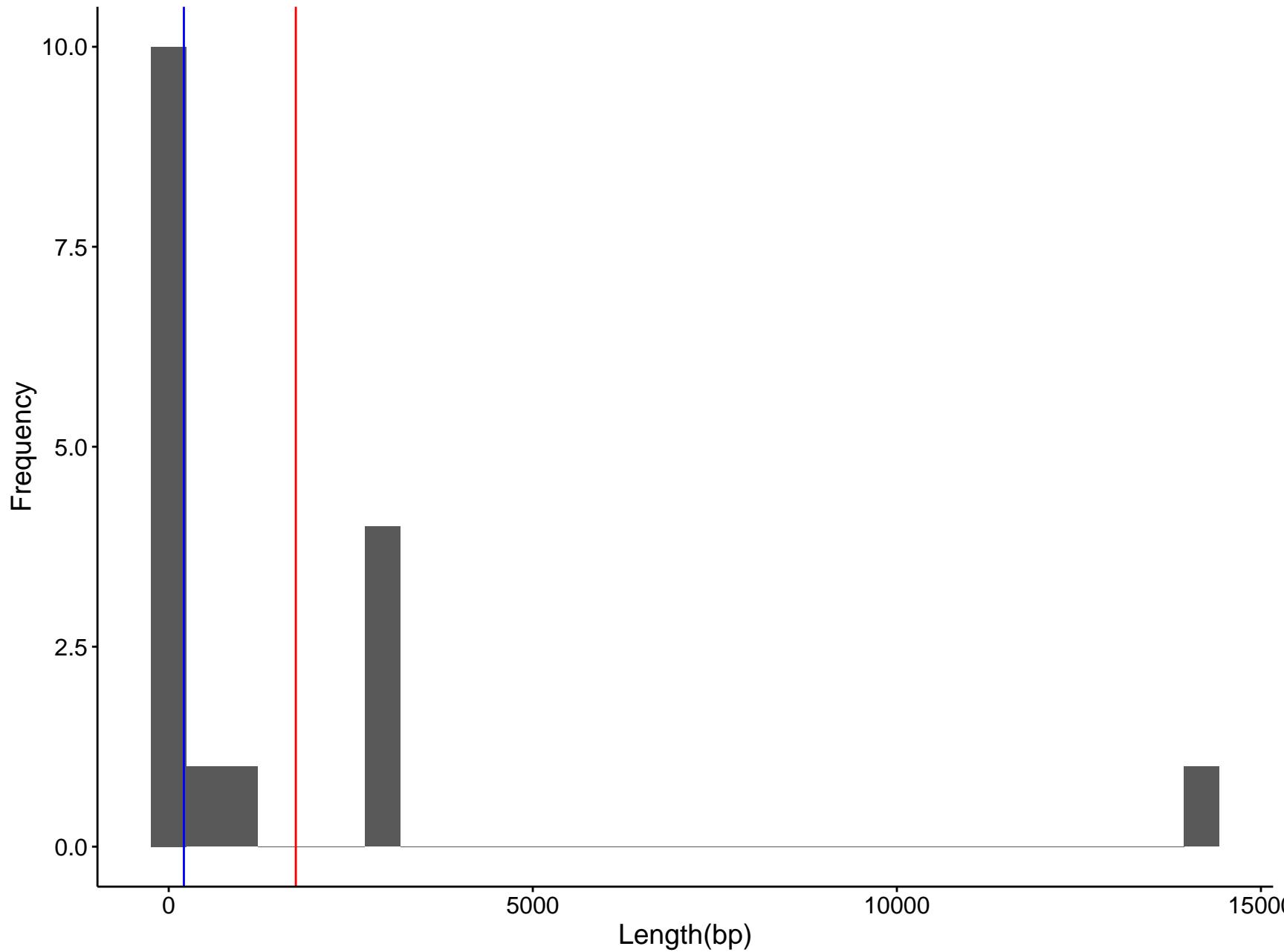
Cluster2149



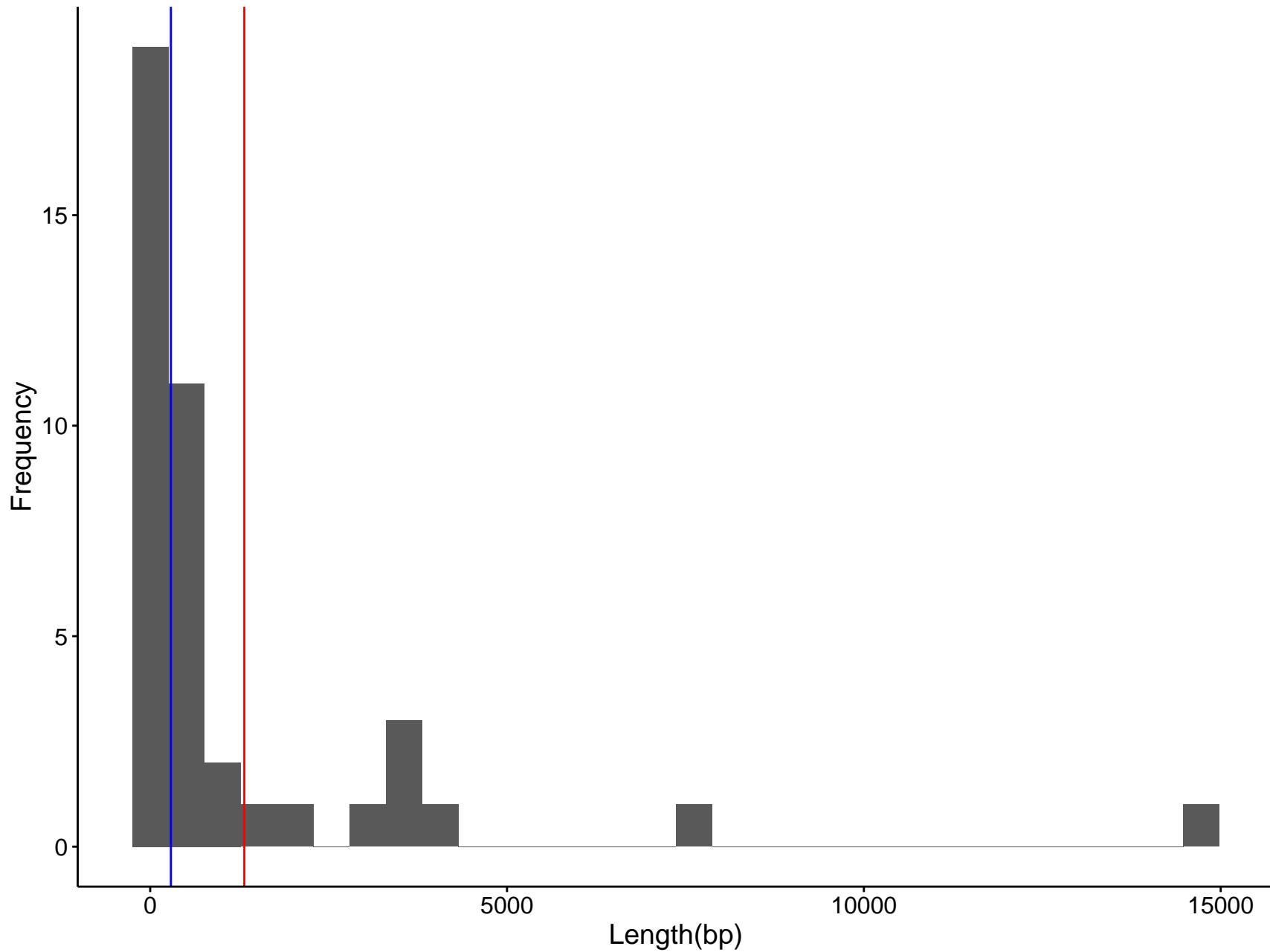
Cluster2150



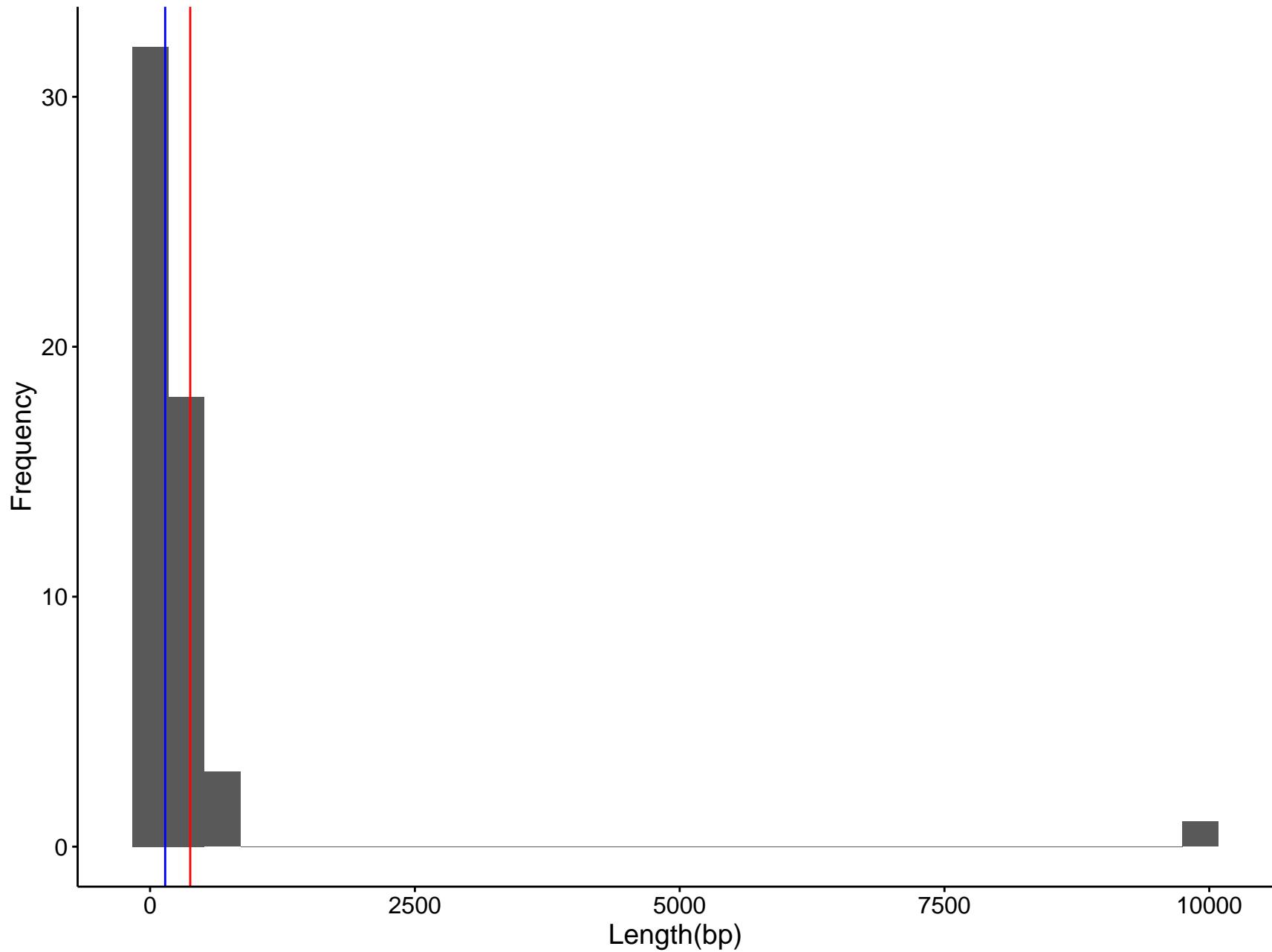
Cluster2151



Cluster2152



Cluster2153



Cluster2154

Frequency

111.950

111.975

112.000

112.025

112.050

Length(bp)



Cluster2155

Frequency

456.950

456.975

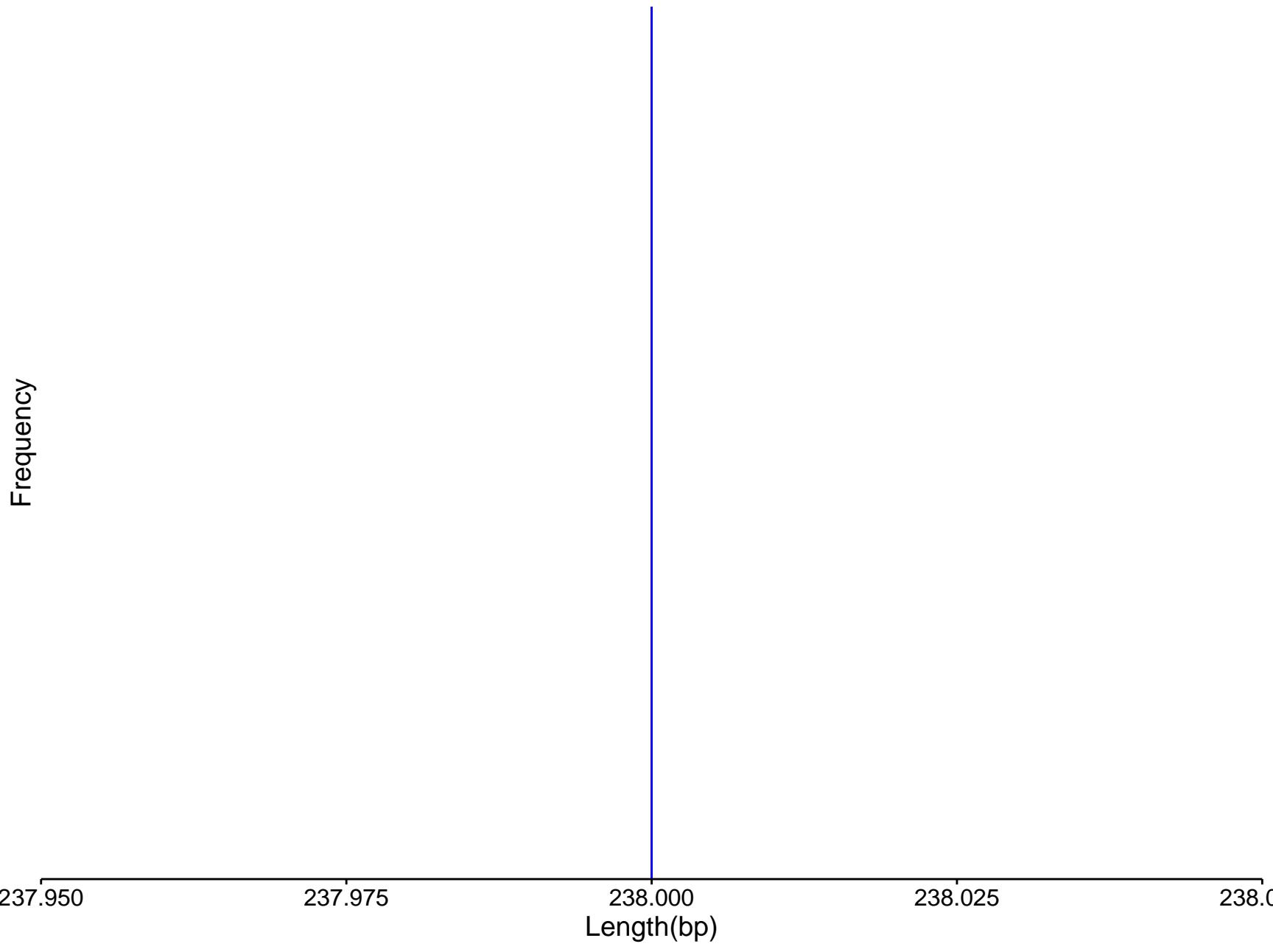
457.000

457.025

Length(bp)



Cluster2158



Cluster2160

Frequency

276.950

276.975

277.000

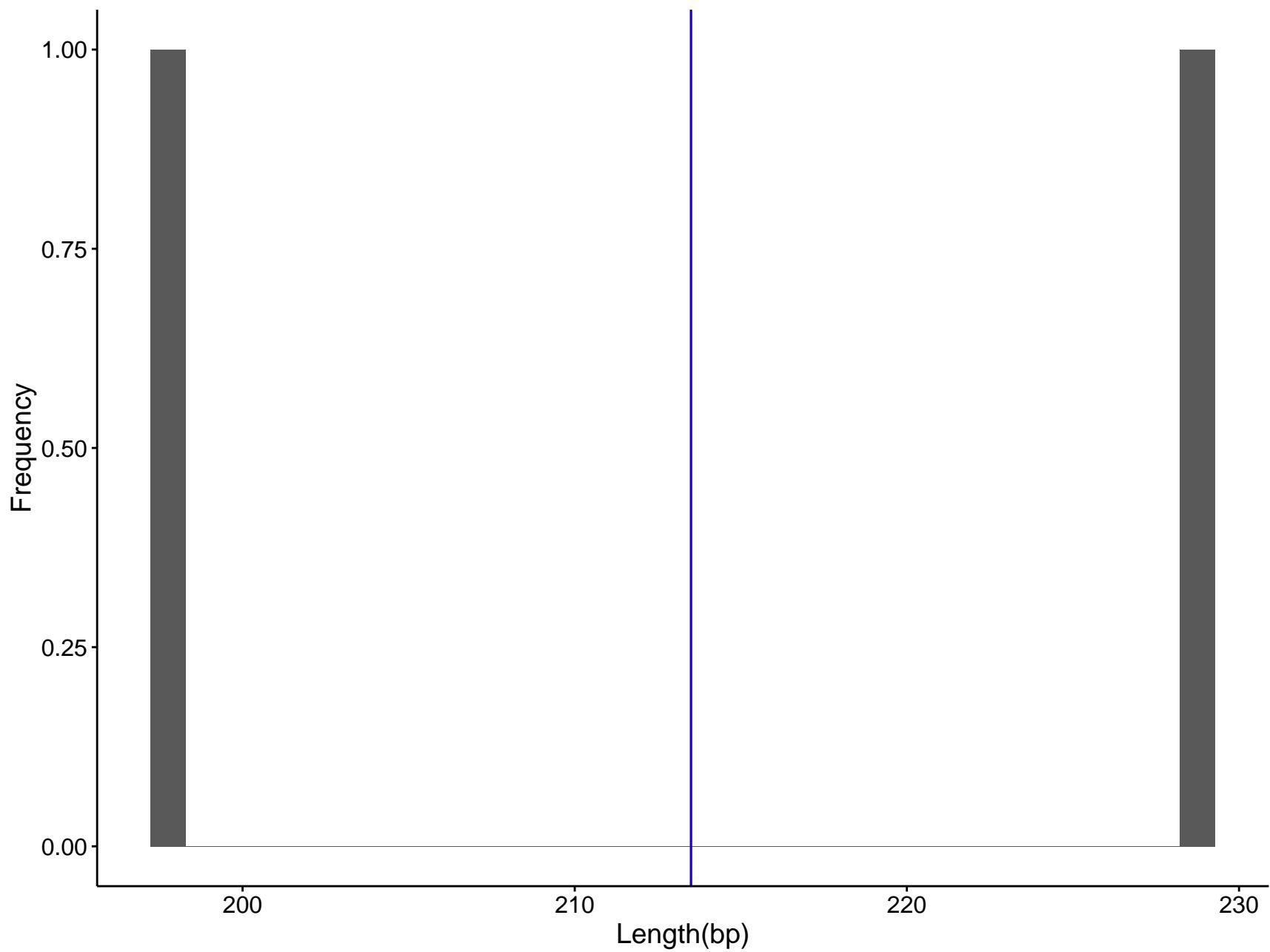
277.025

277.050

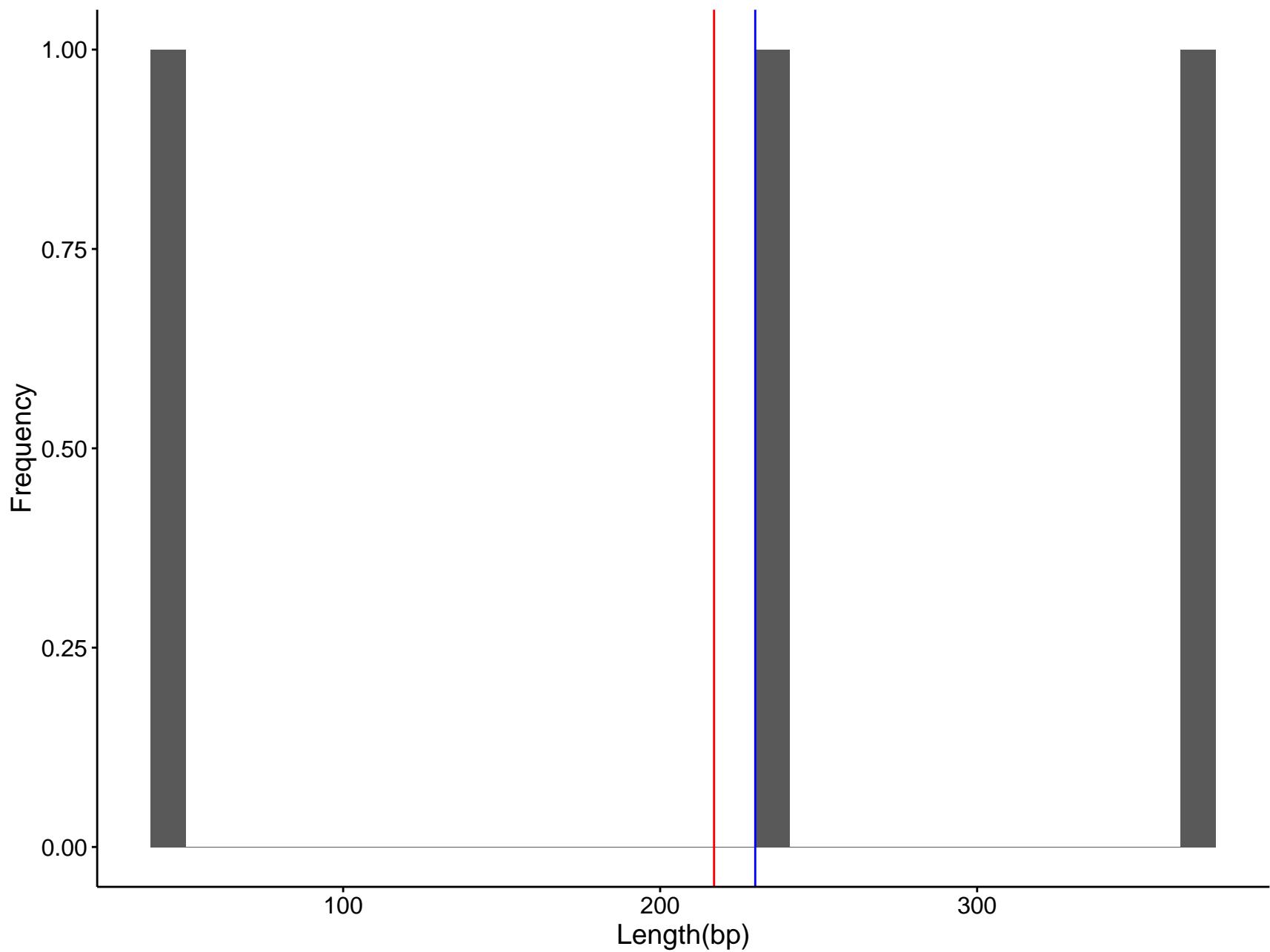
Length(bp)



Cluster2161



Cluster2162



Cluster2164

Frequency

111.950

111.975

112.000

112.025

112.050

Length(bp)



Cluster2165

Frequency

573.950

573.975

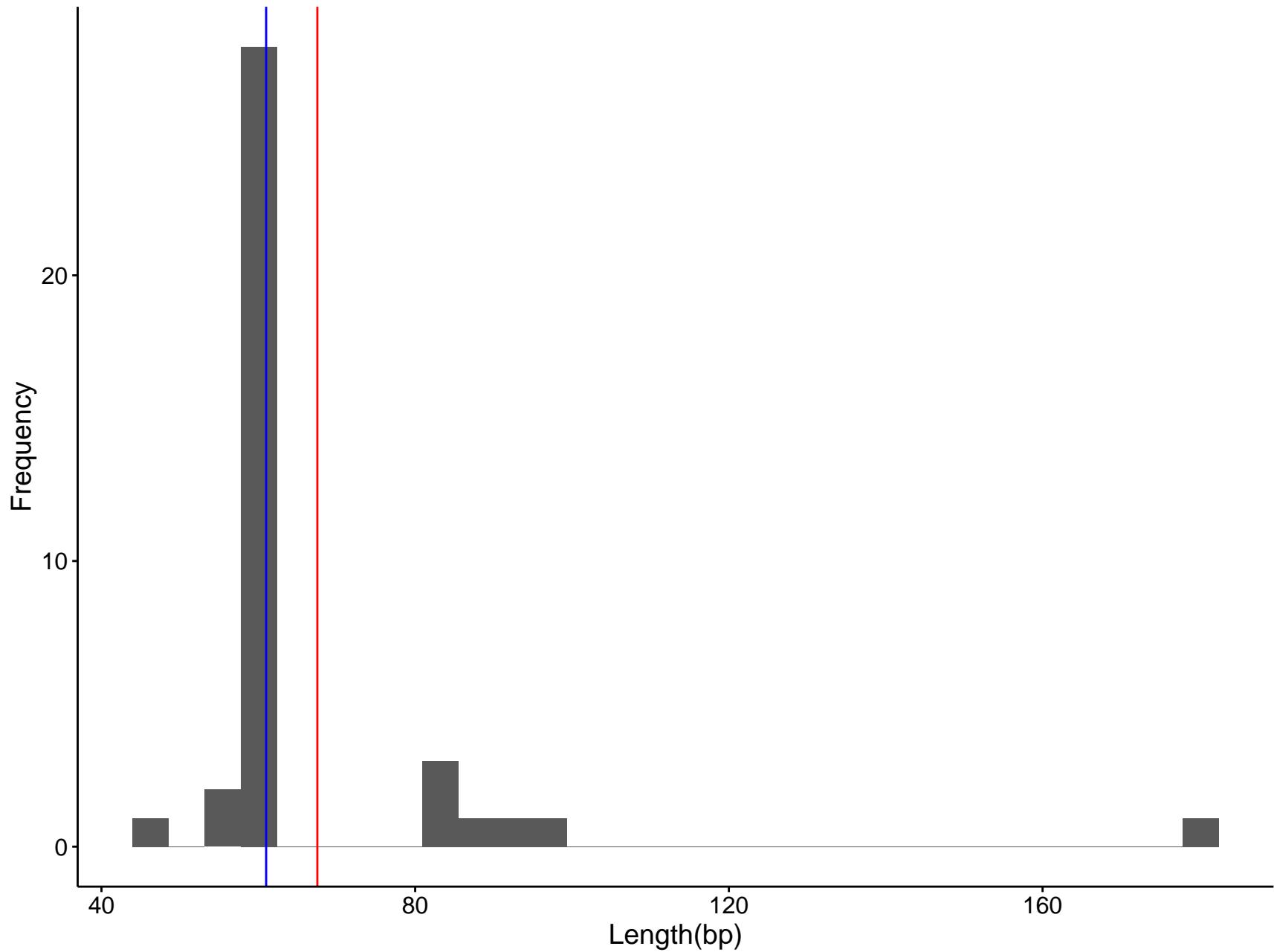
574.000

574.025

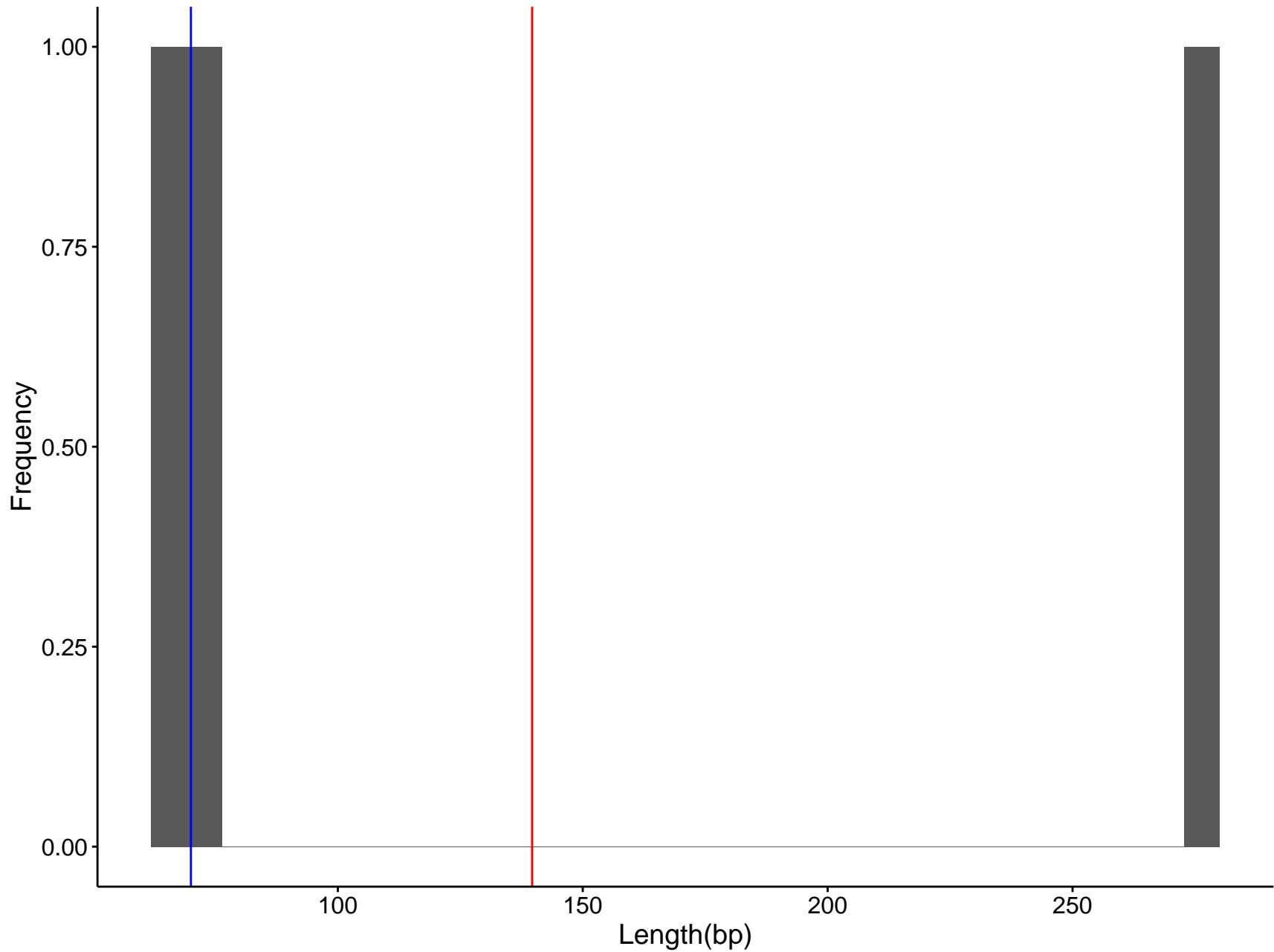
Length(bp)



Cluster2166



Cluster2167



Cluster2170

Frequency

231.950

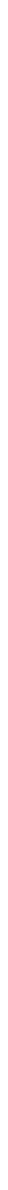
231.975

232.000

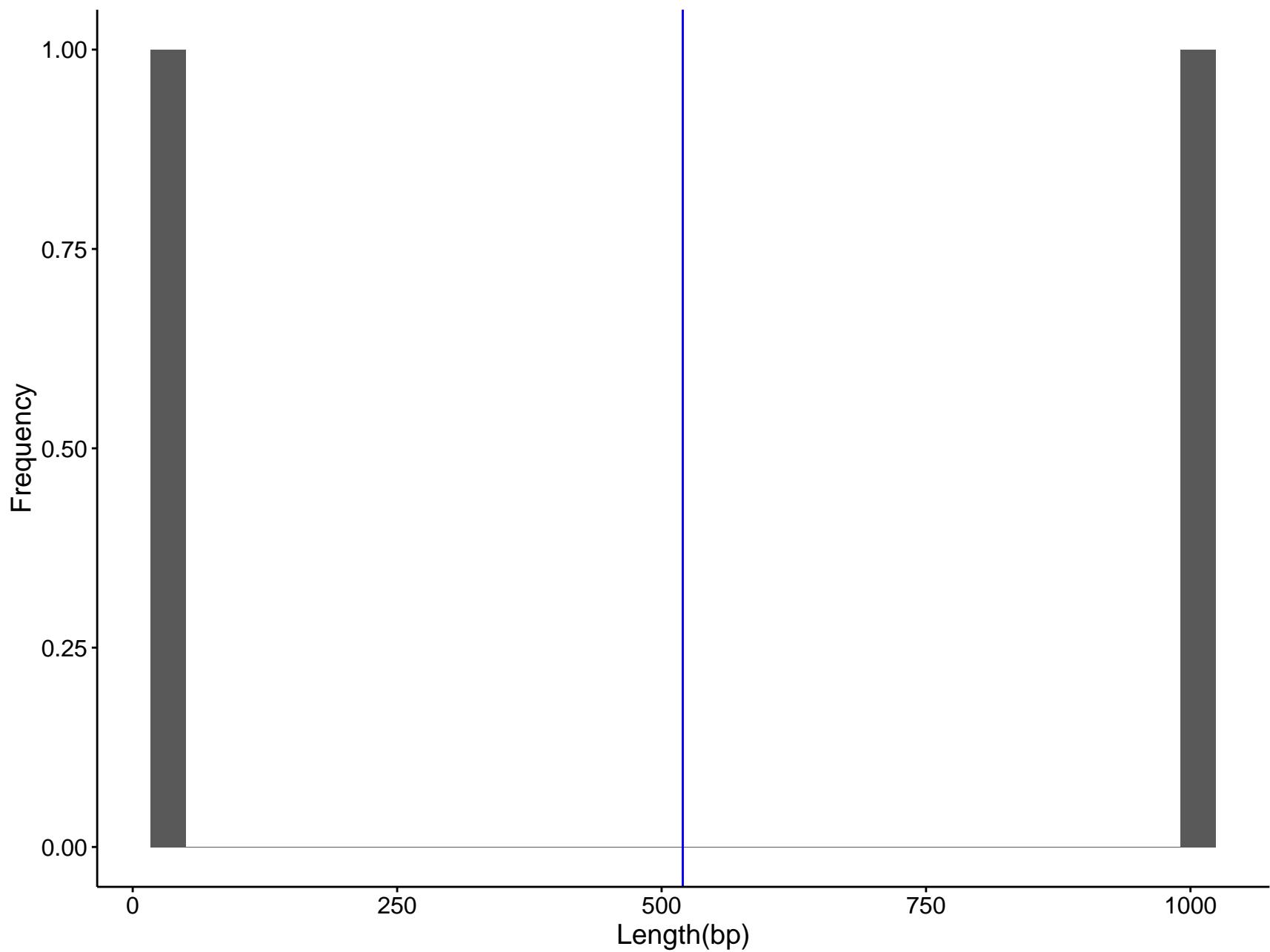
232.025

232.050

Length(bp)



Cluster2172



Cluster2174

Frequency

669.950

669.975

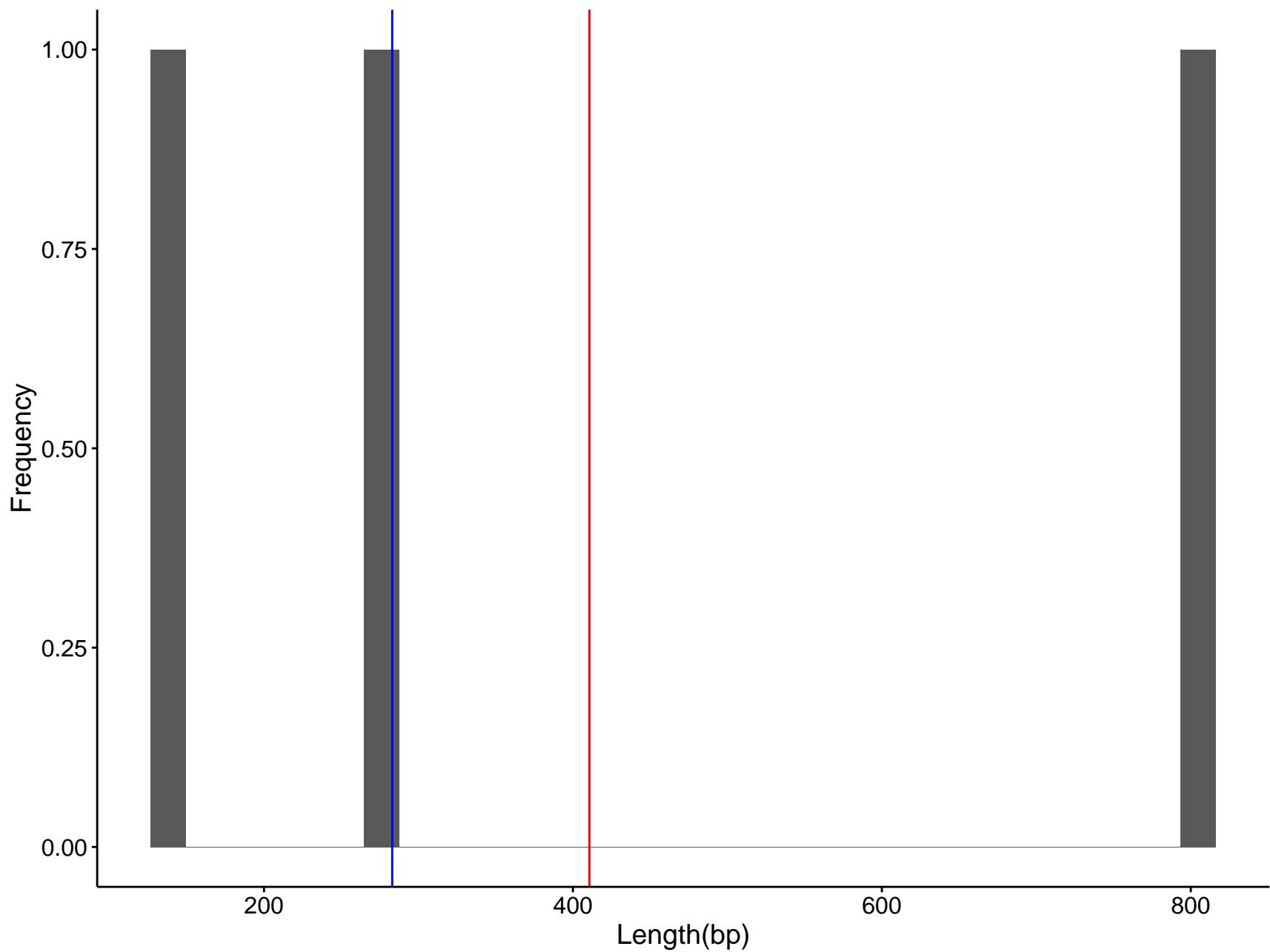
670.000

670.025

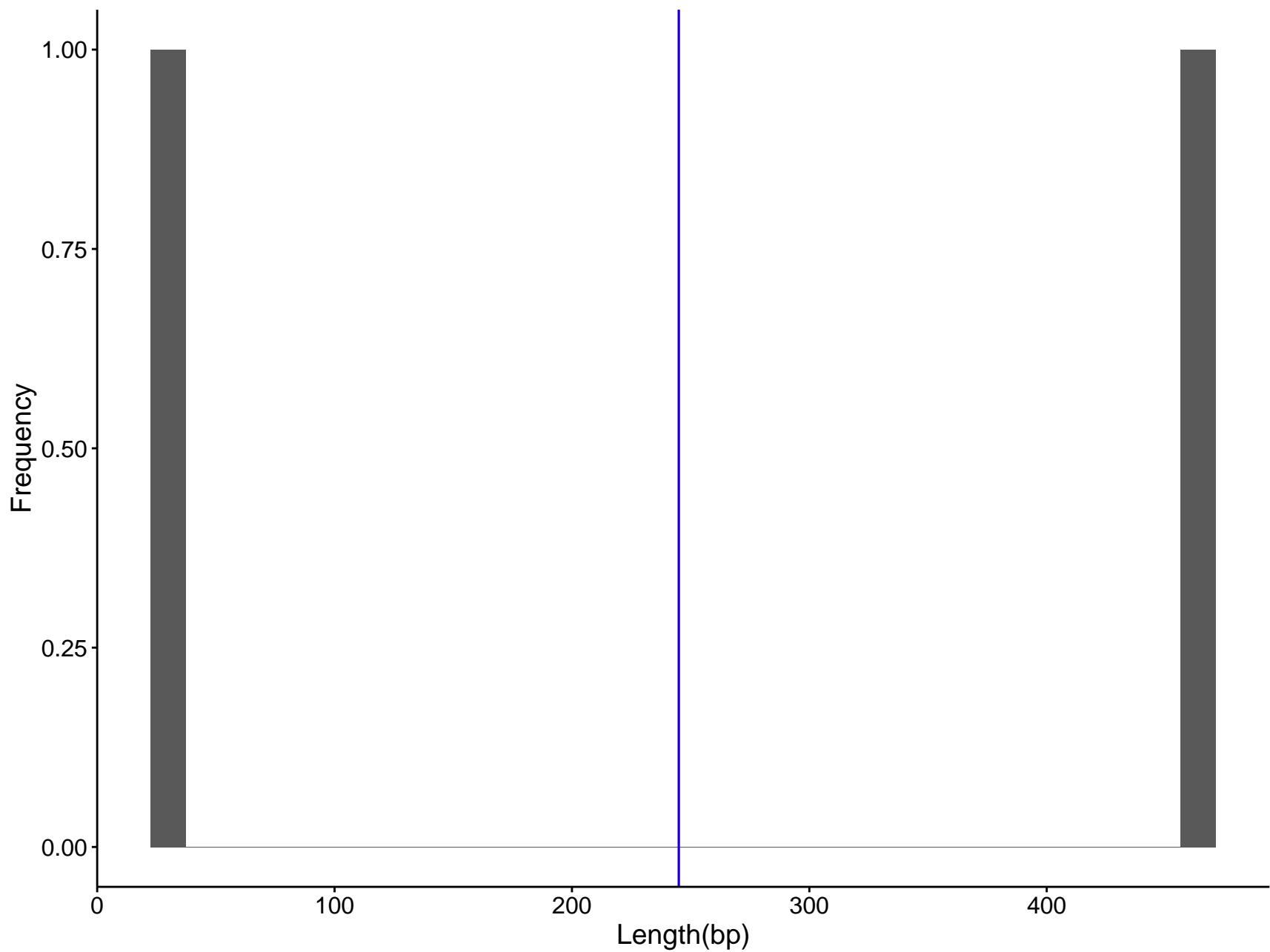
Length(bp)



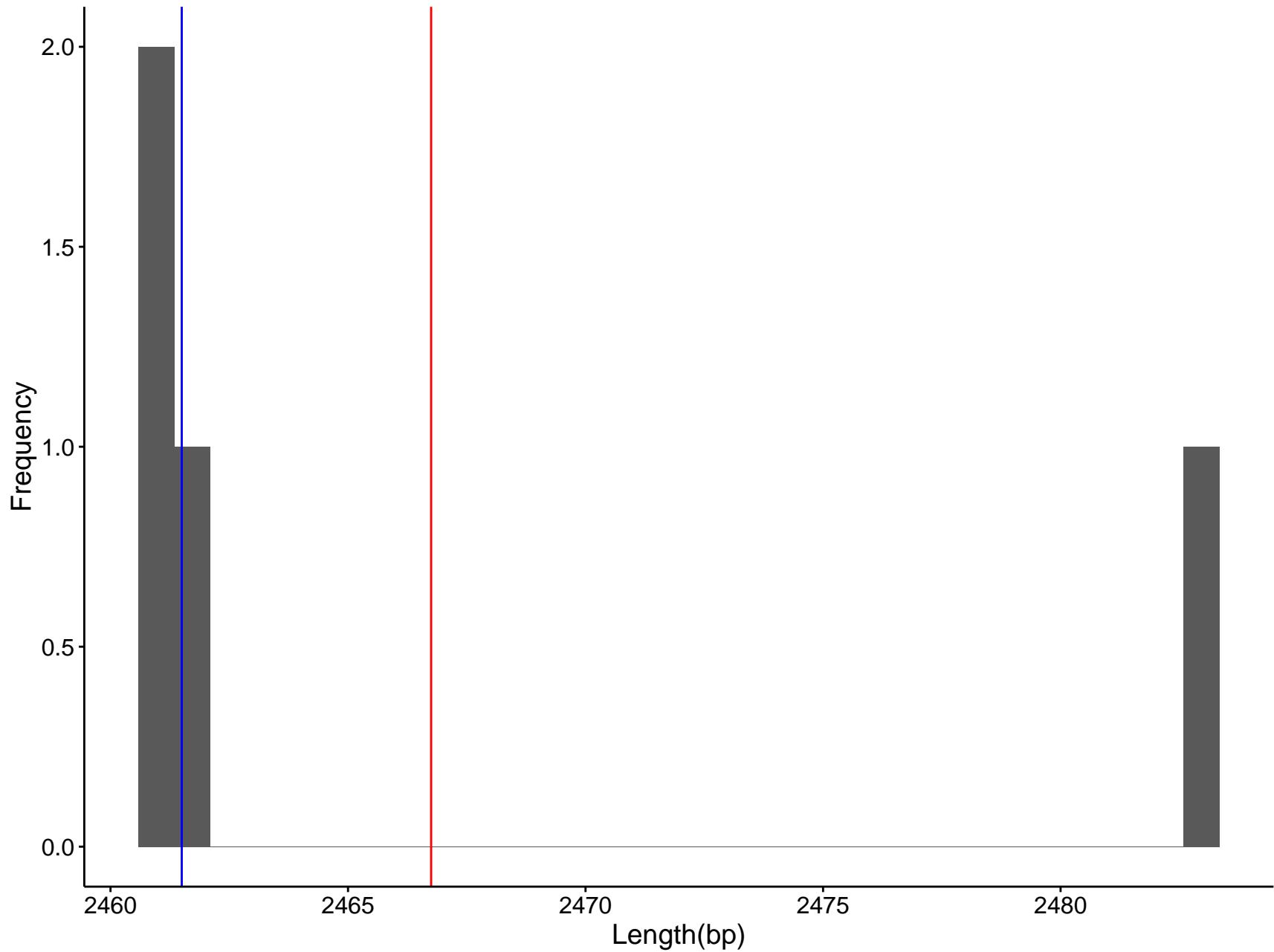
Cluster2175



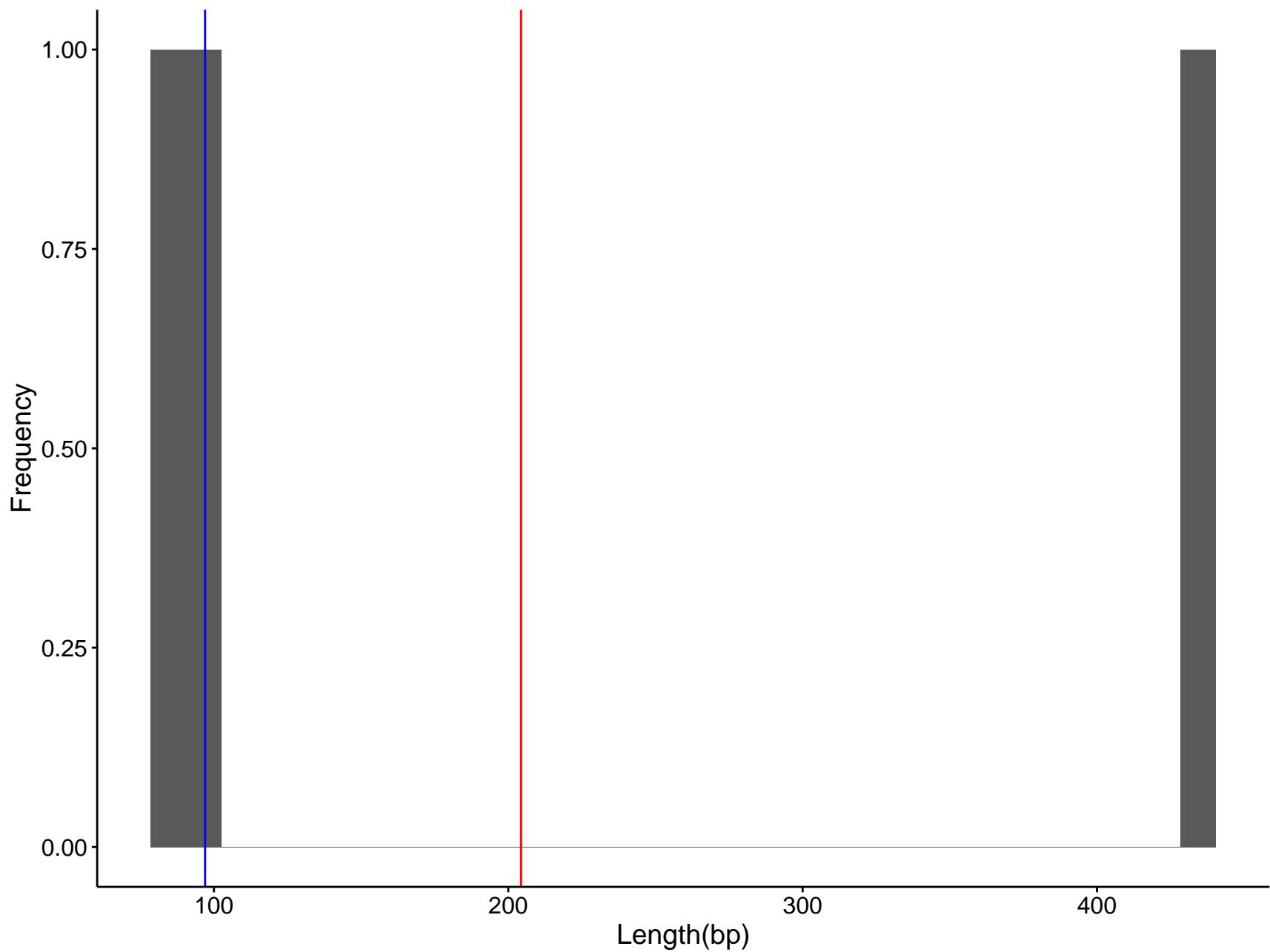
Cluster2176



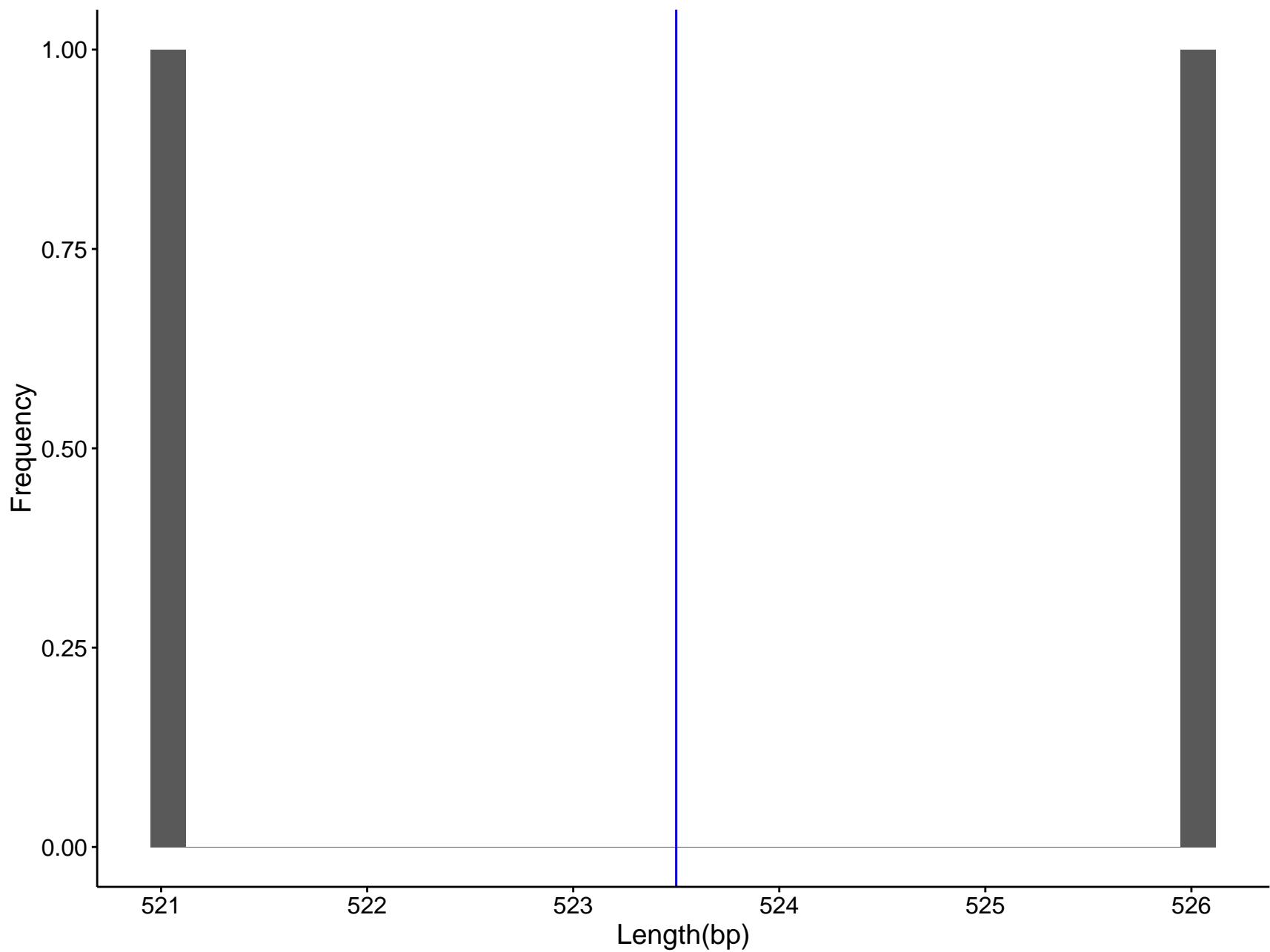
Cluster2177



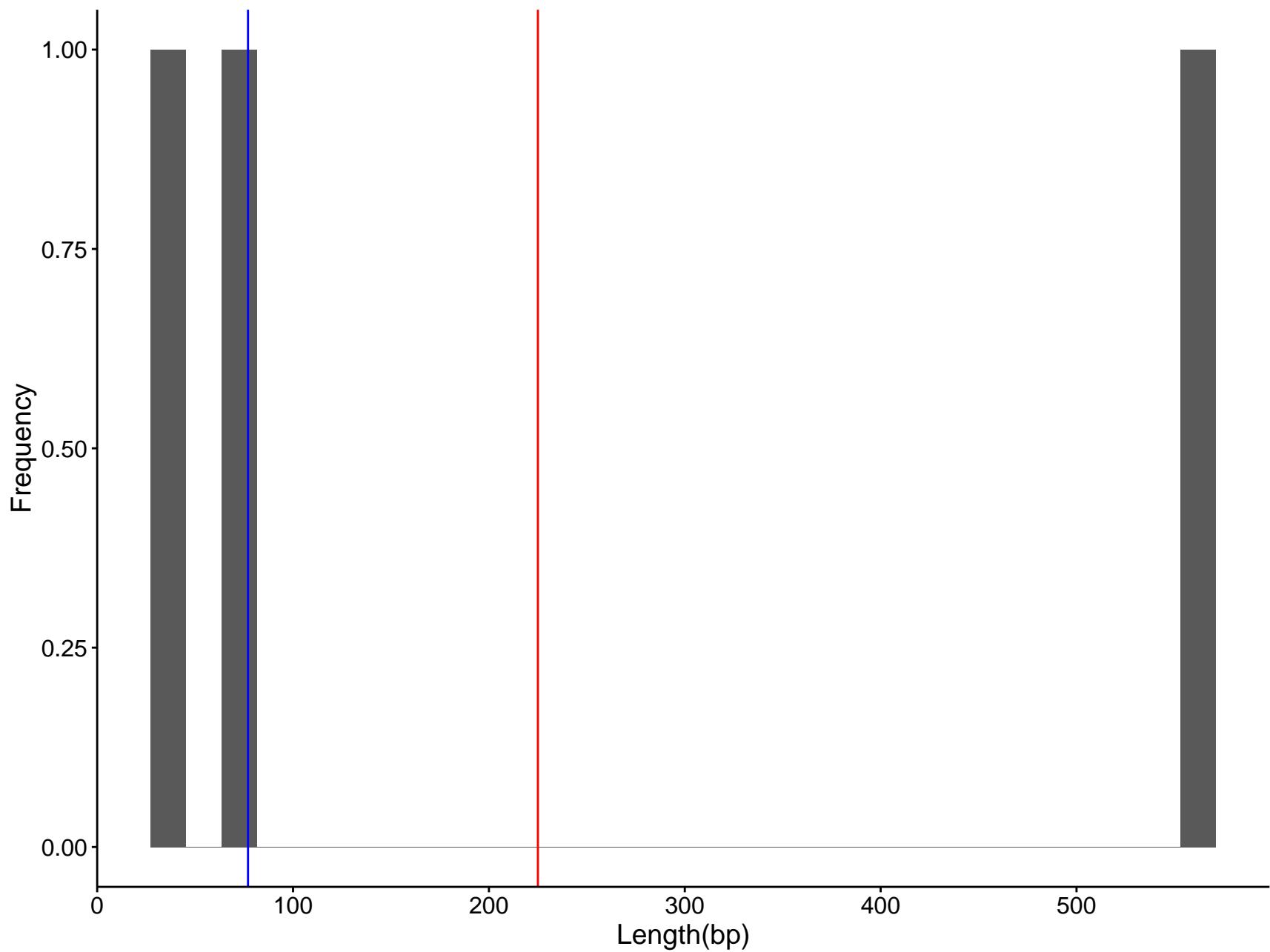
Cluster2178



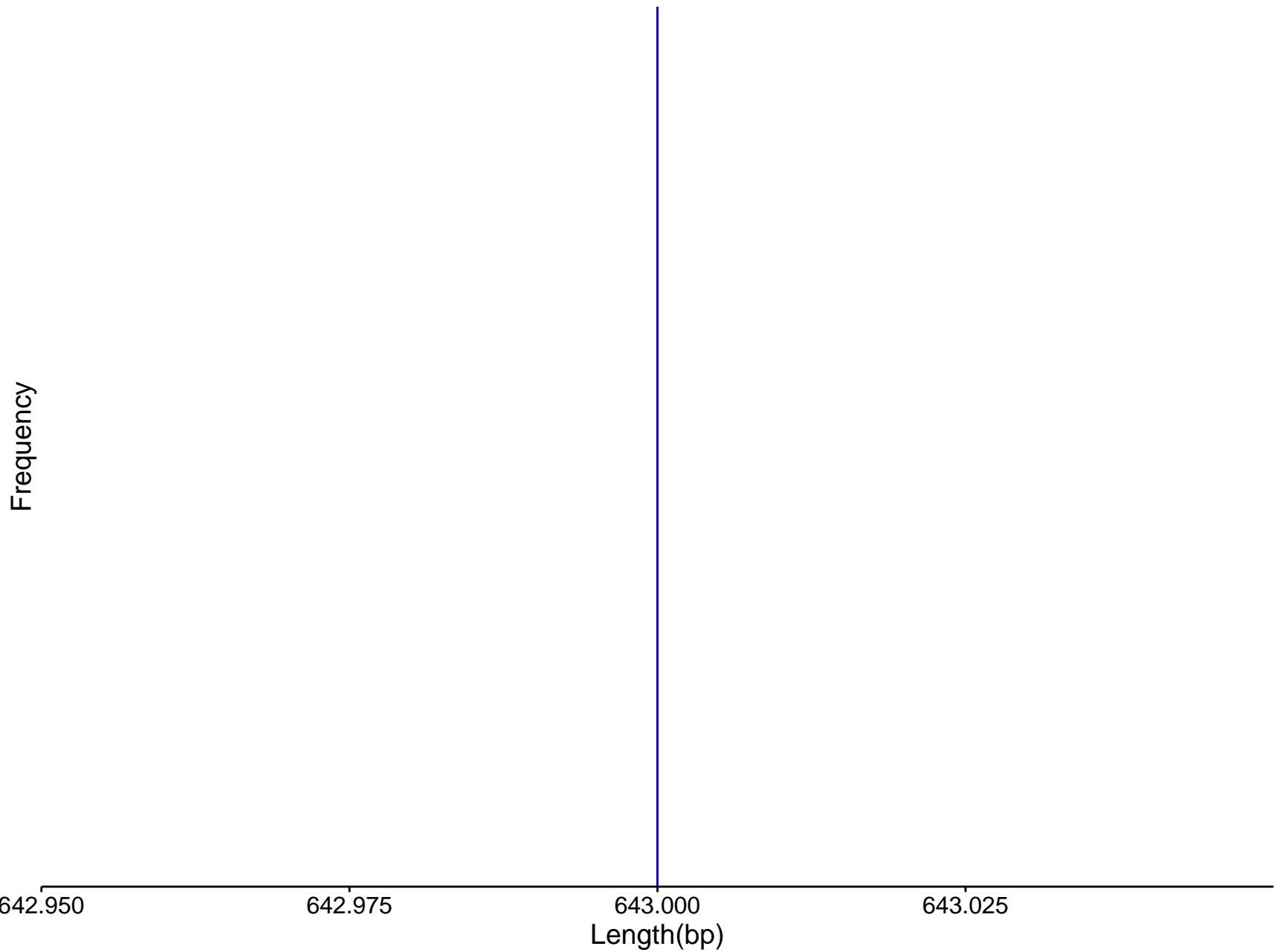
Cluster2180



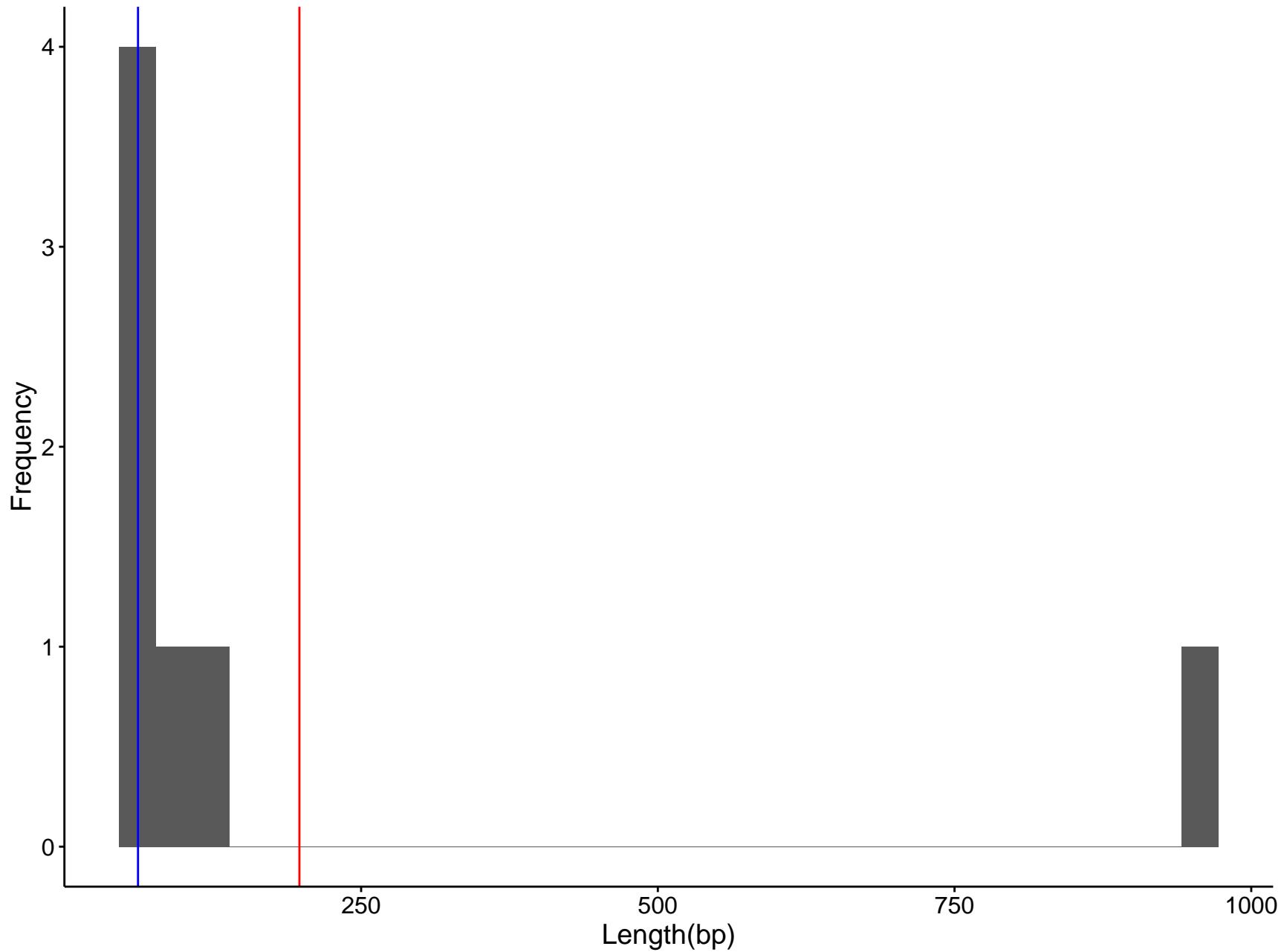
Cluster2181



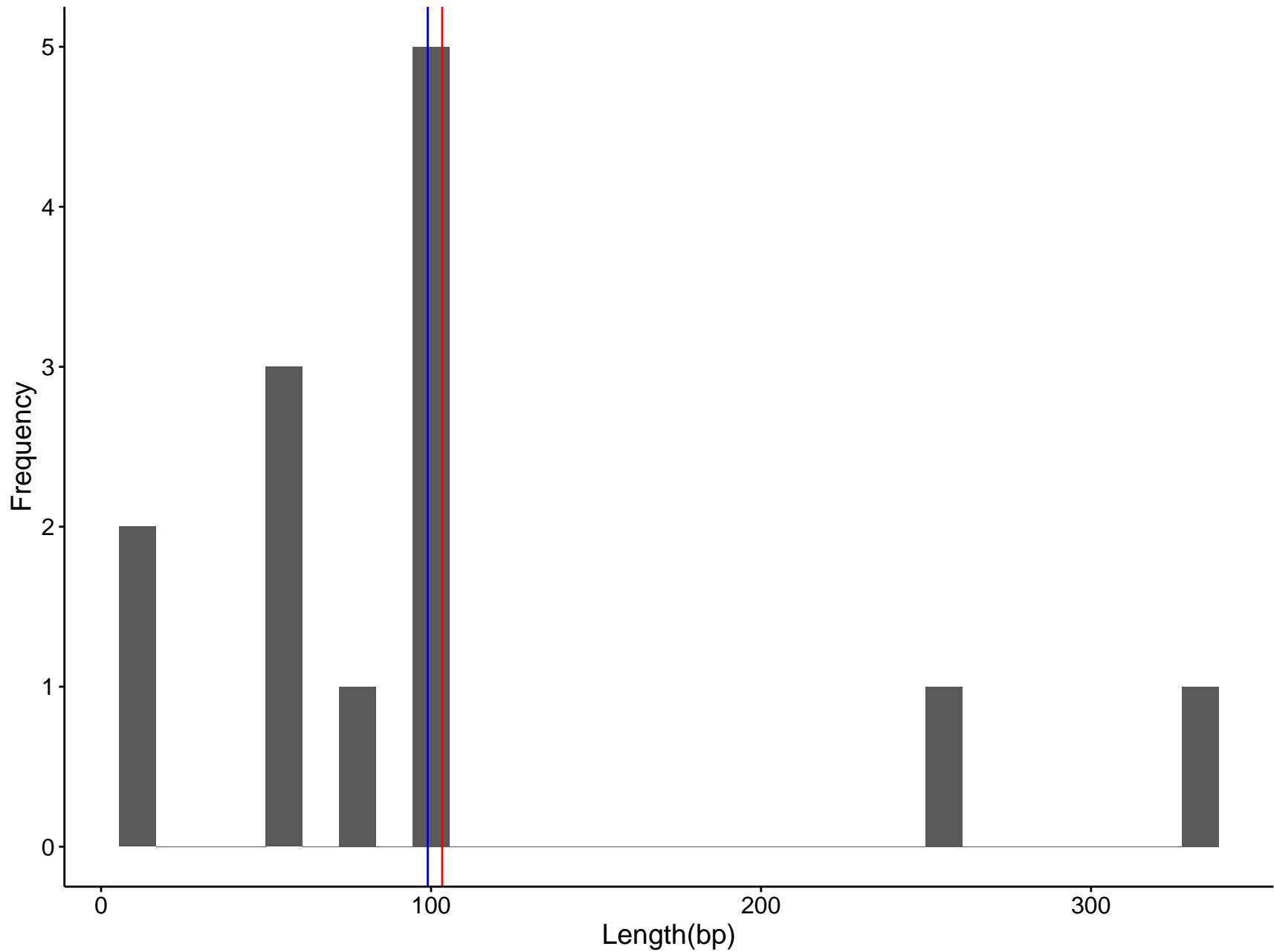
Cluster2182



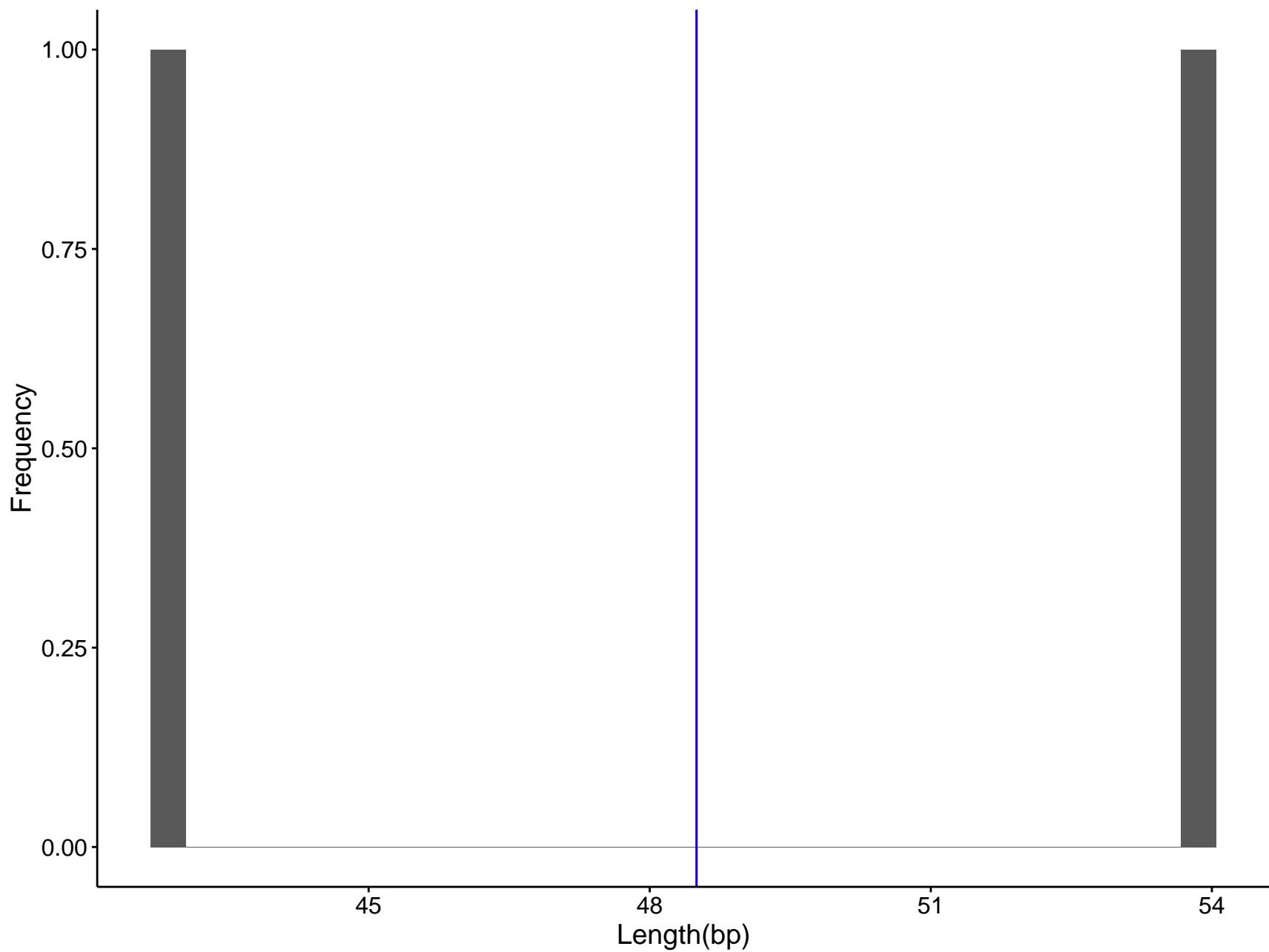
Cluster2185



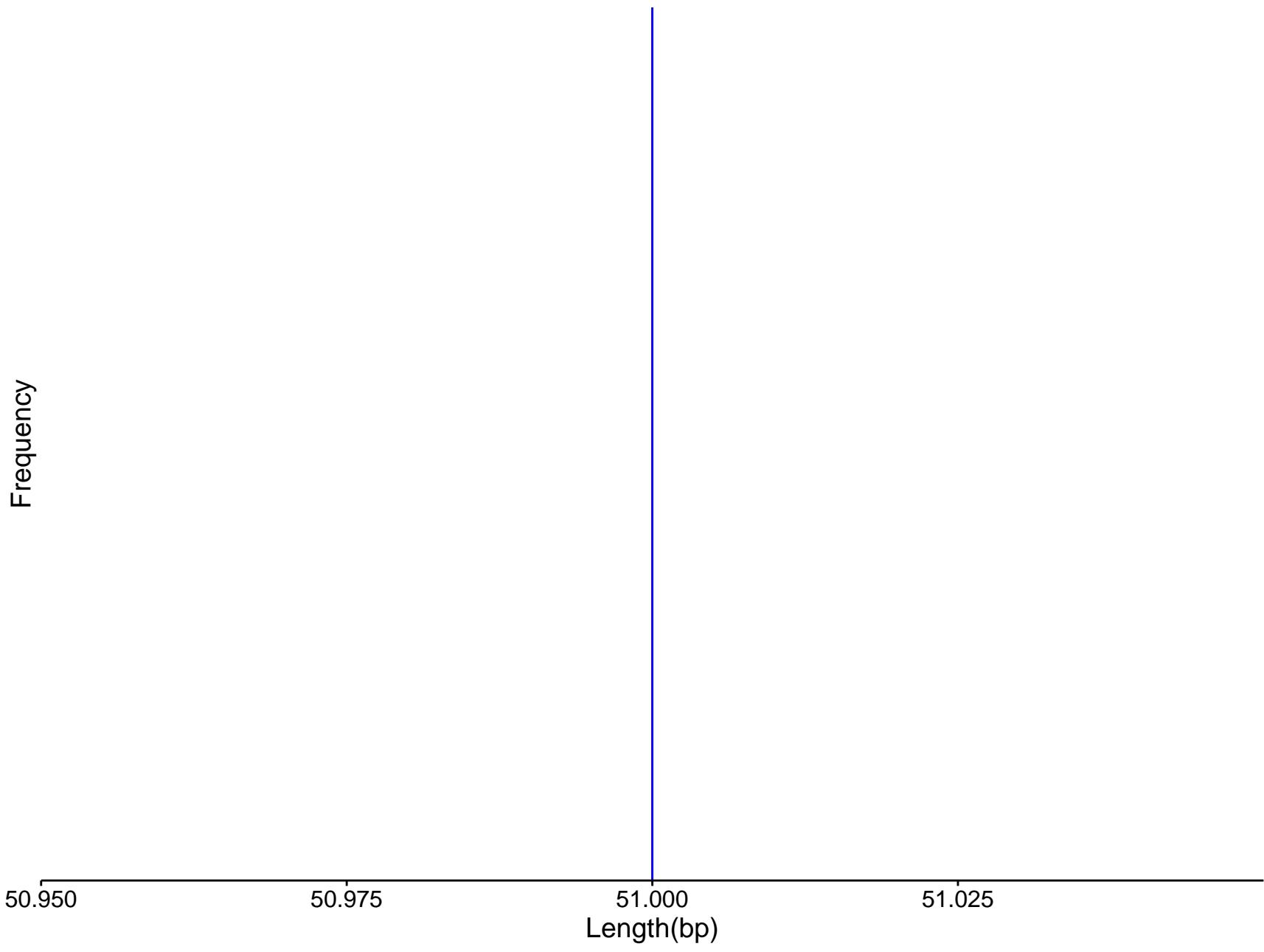
Cluster2186



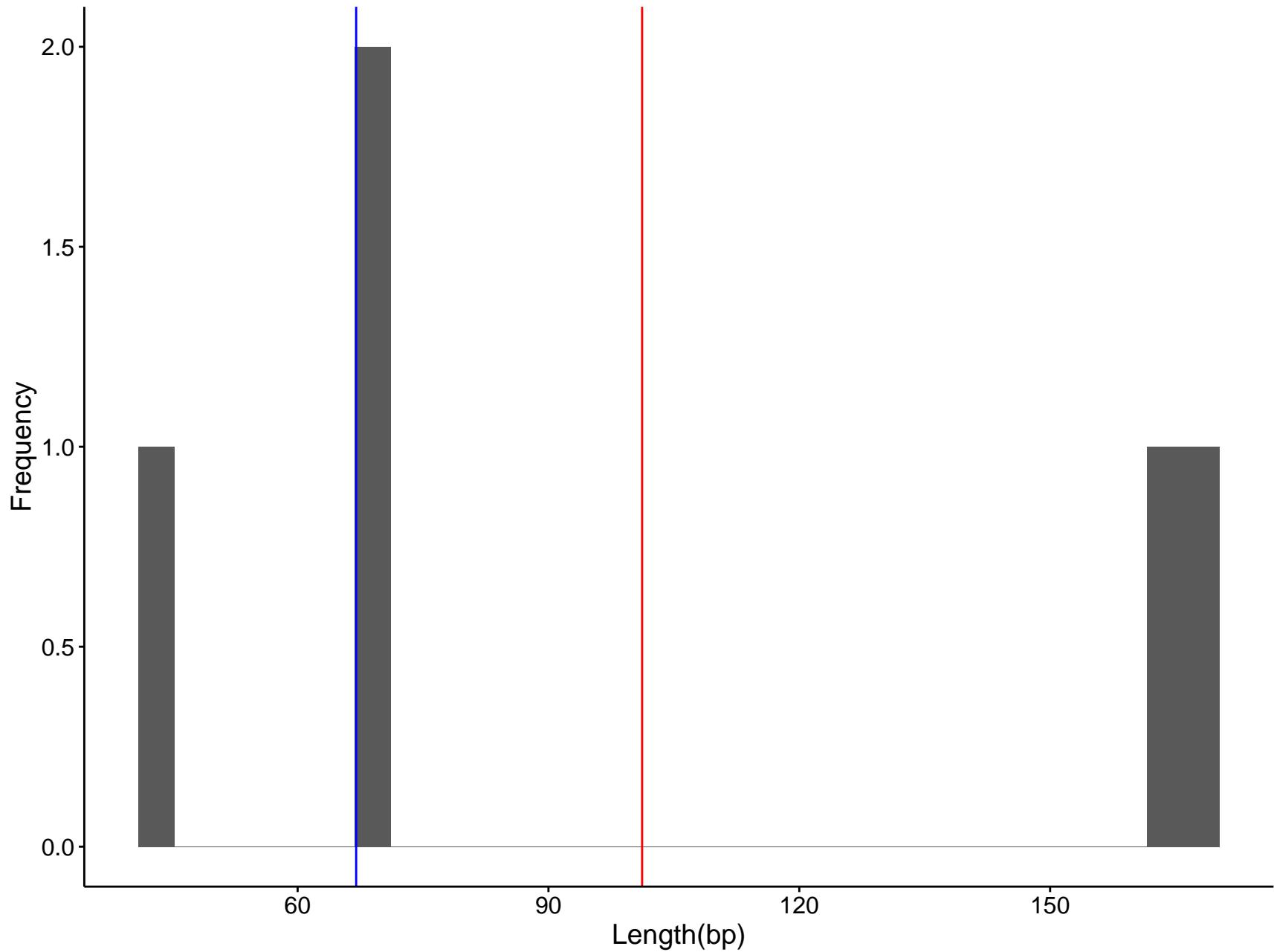
Cluster2189



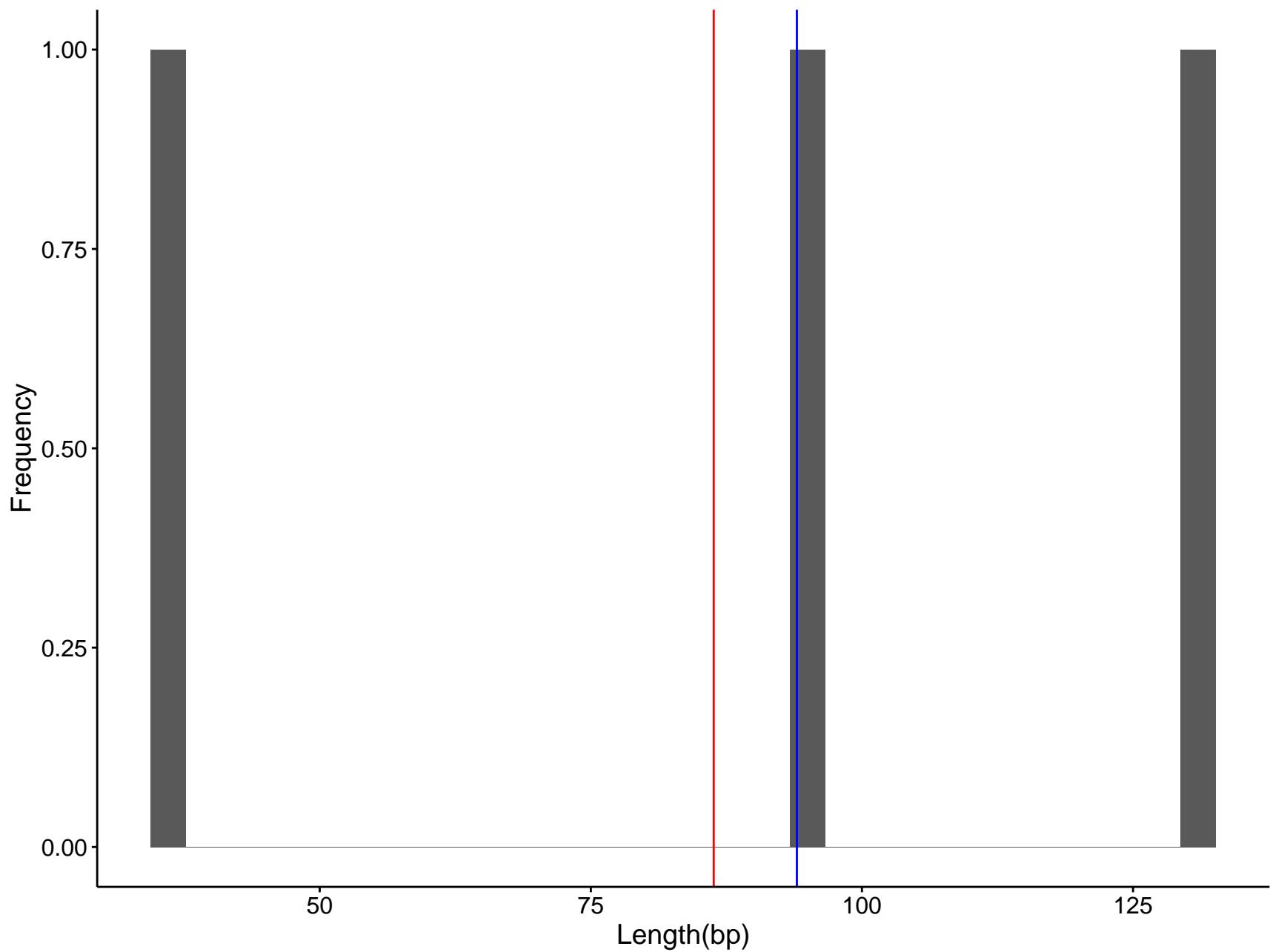
Cluster2192



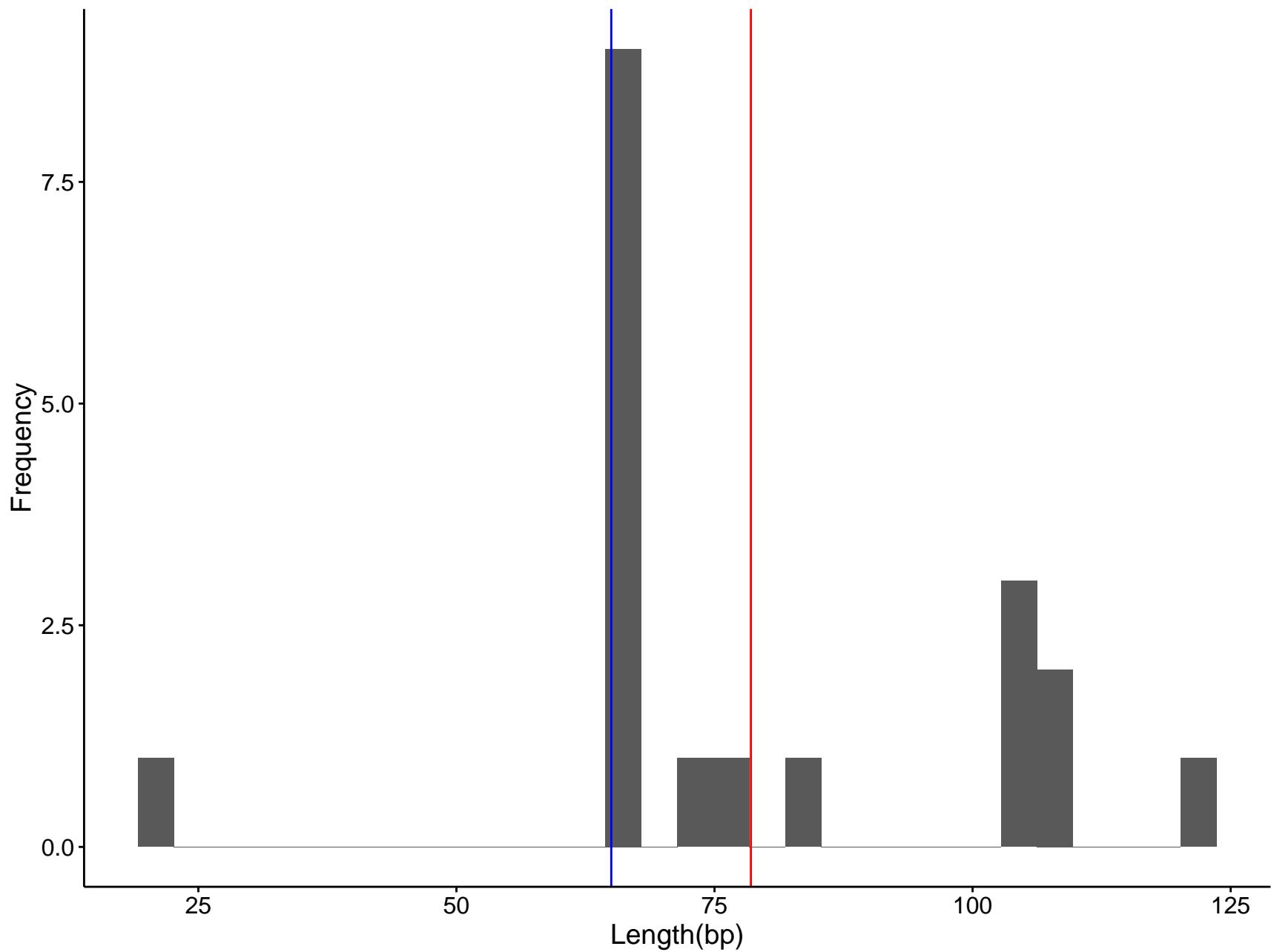
Cluster2193



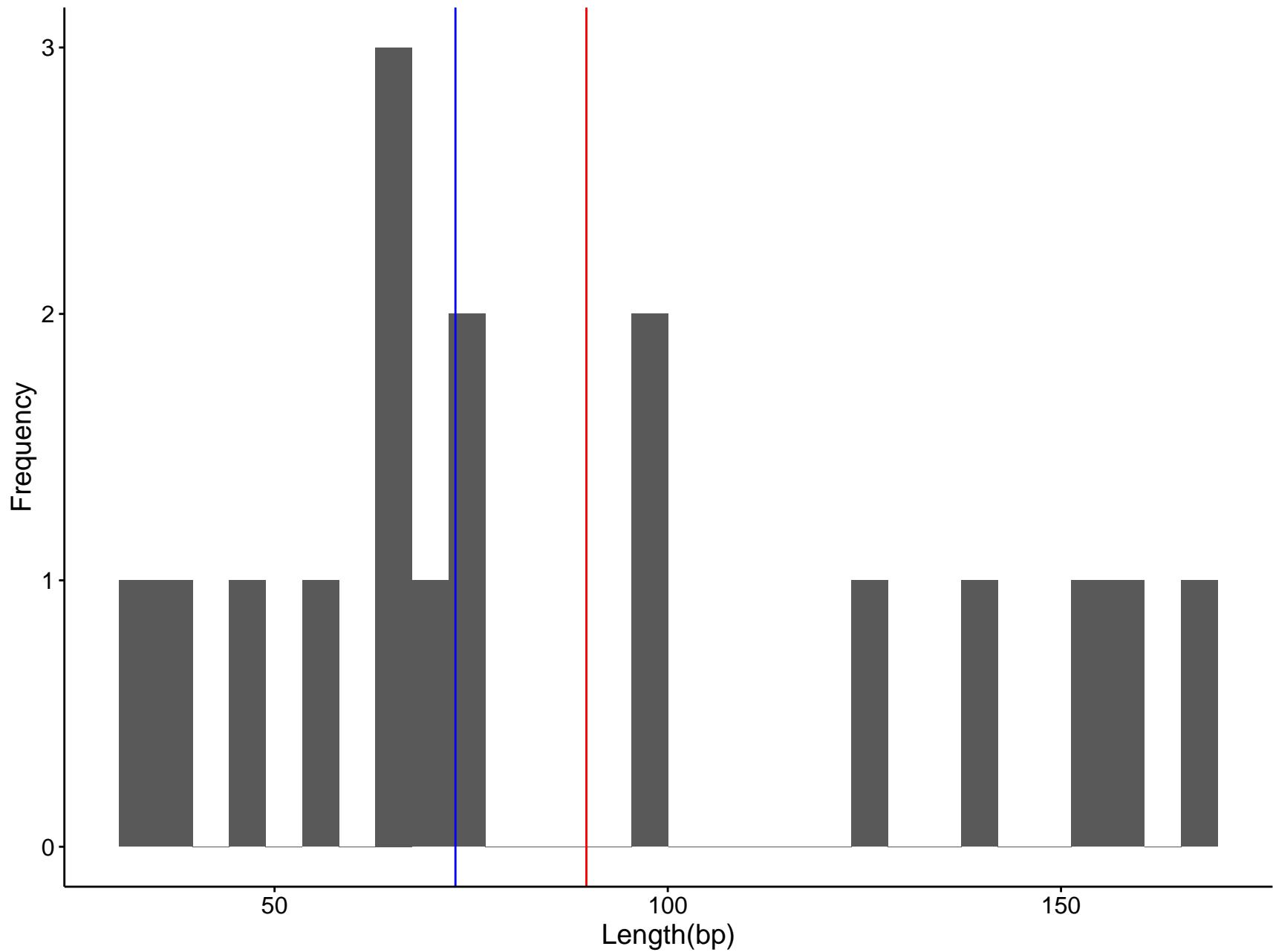
Cluster2194



Cluster2195



Cluster2196



Cluster2197

Frequency

51.950

51.975

52.000

52.025

Length(bp)



Cluster2198

Frequency

43.950

43.975

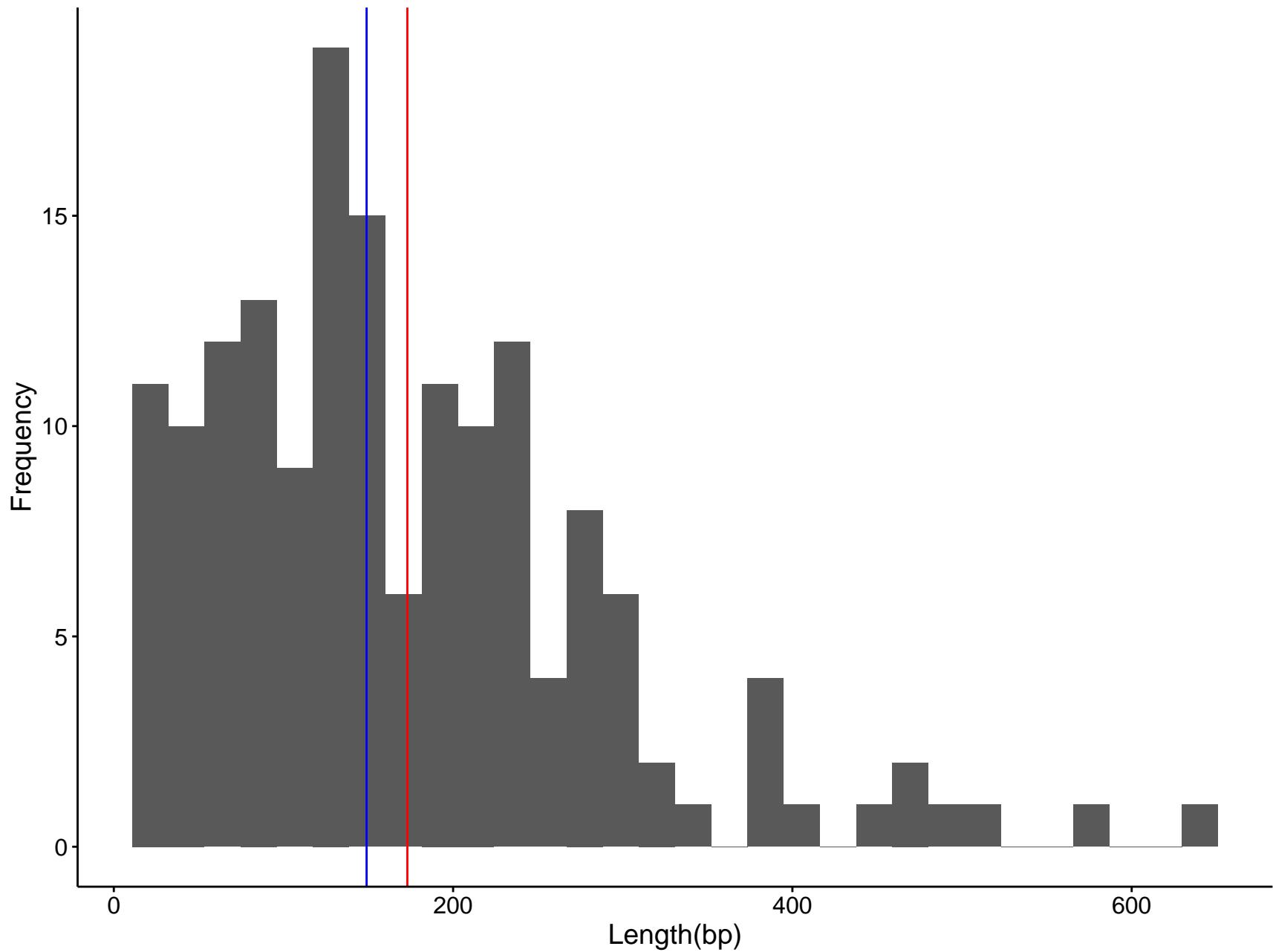
44.000

44.025

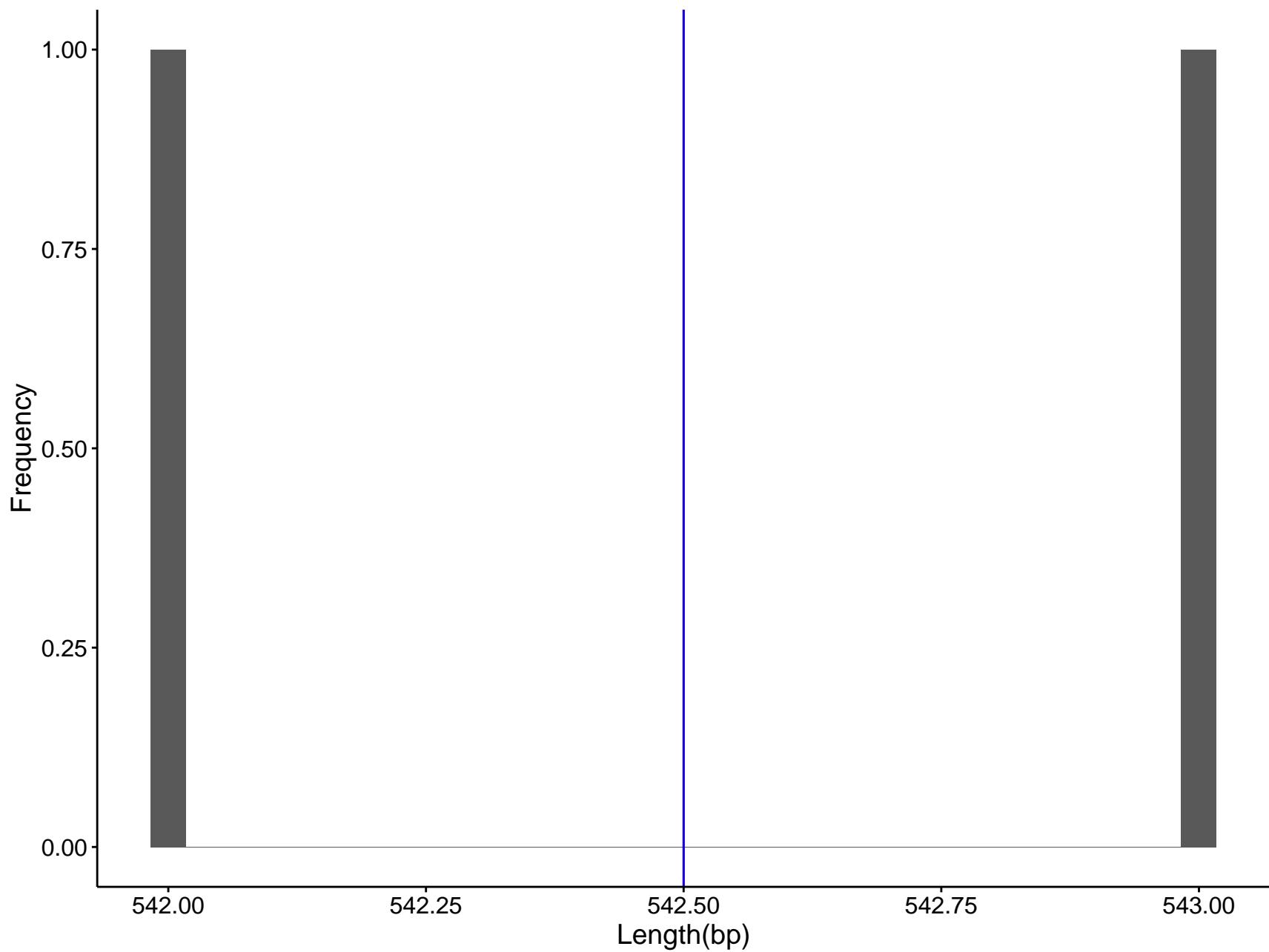
Length(bp)



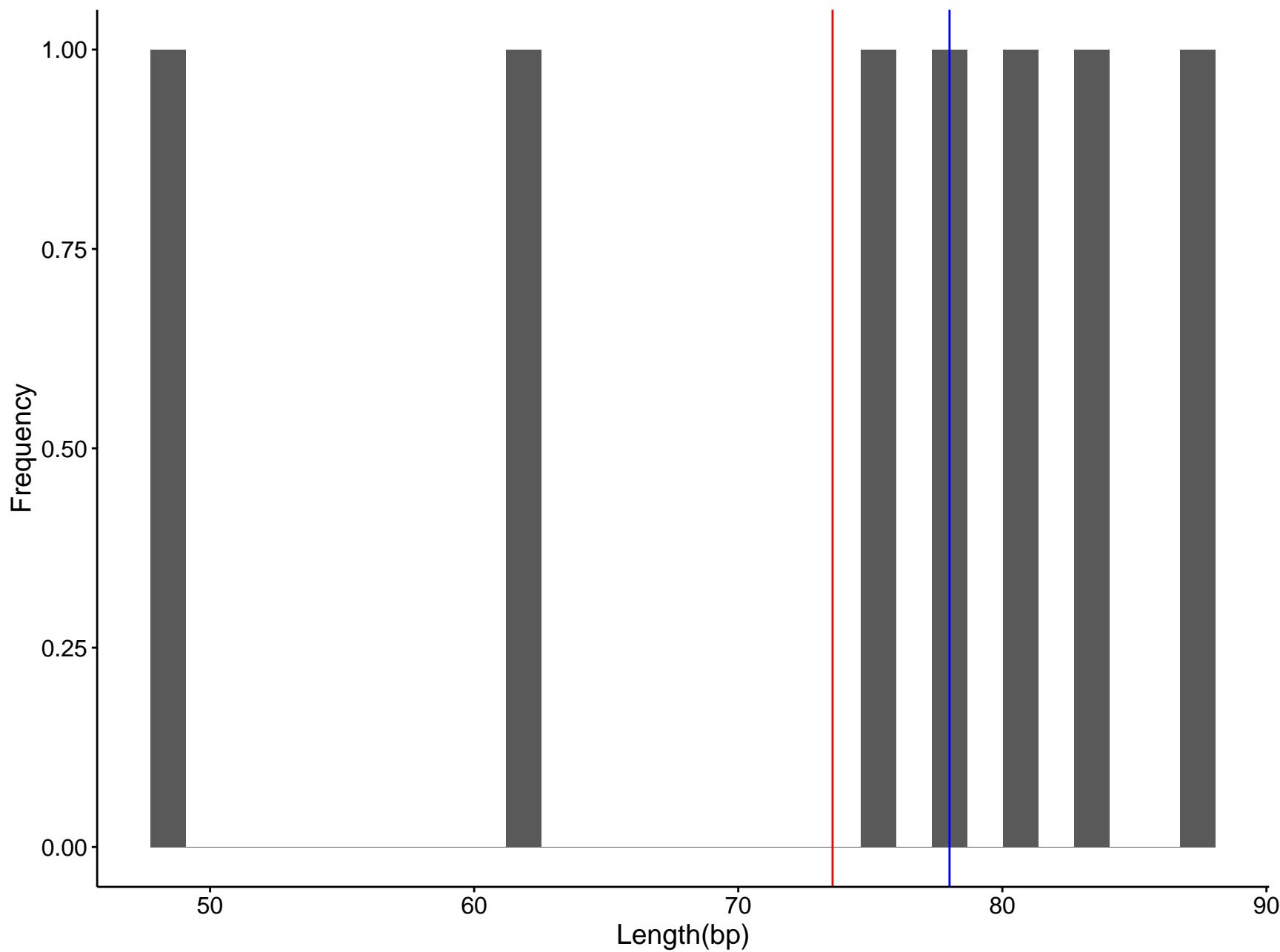
Cluster2199



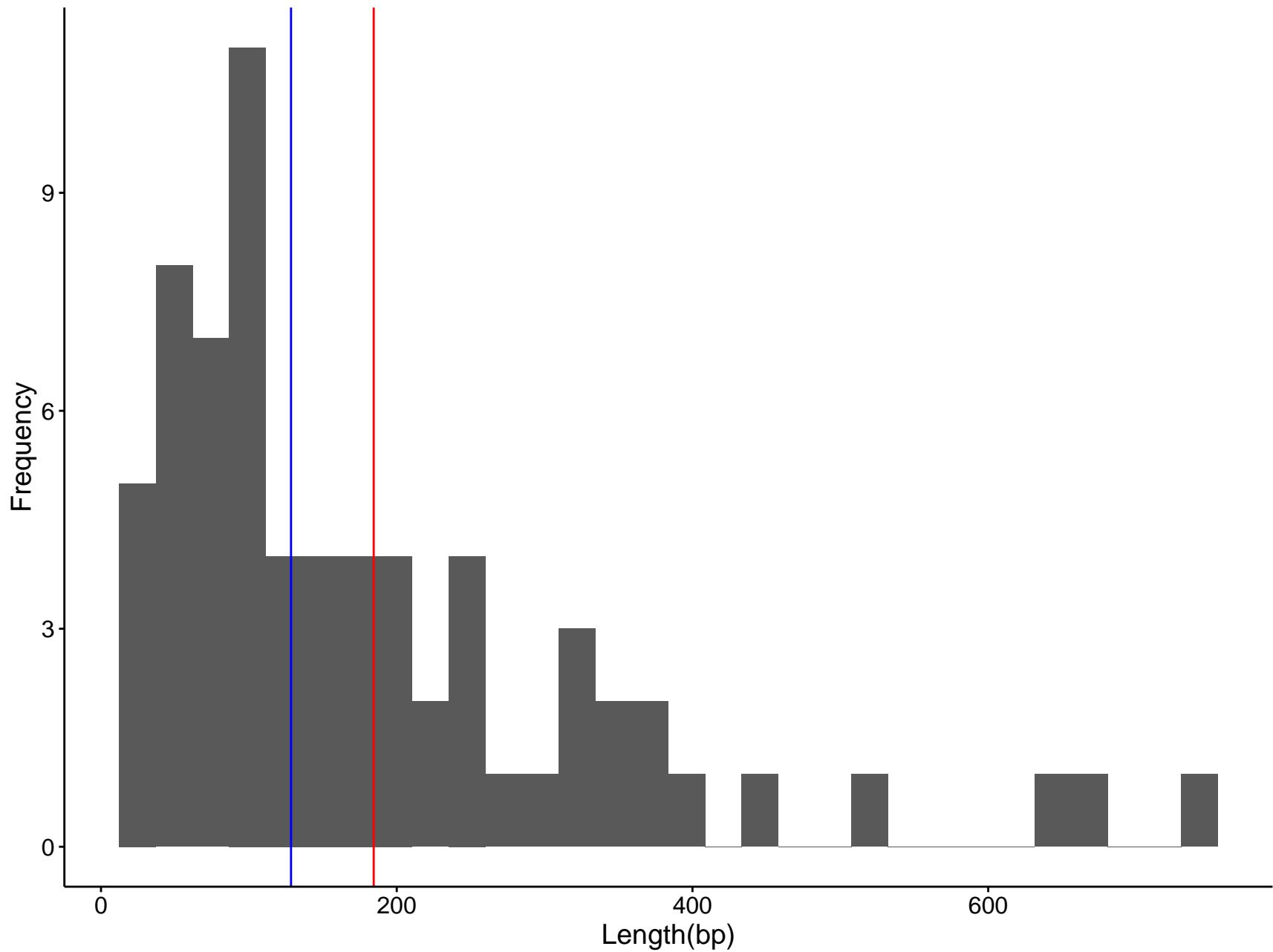
Cluster2201



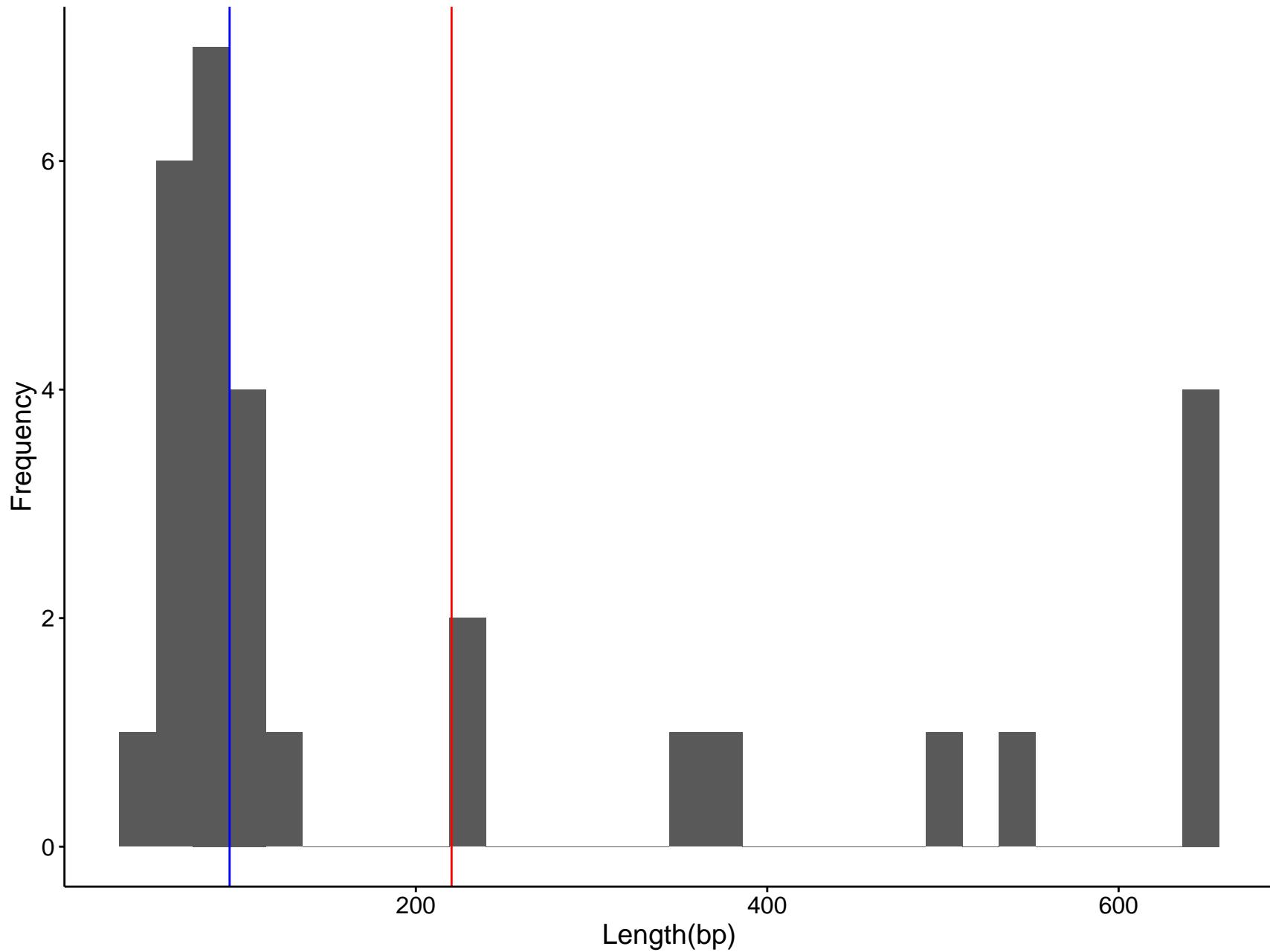
Cluster2208



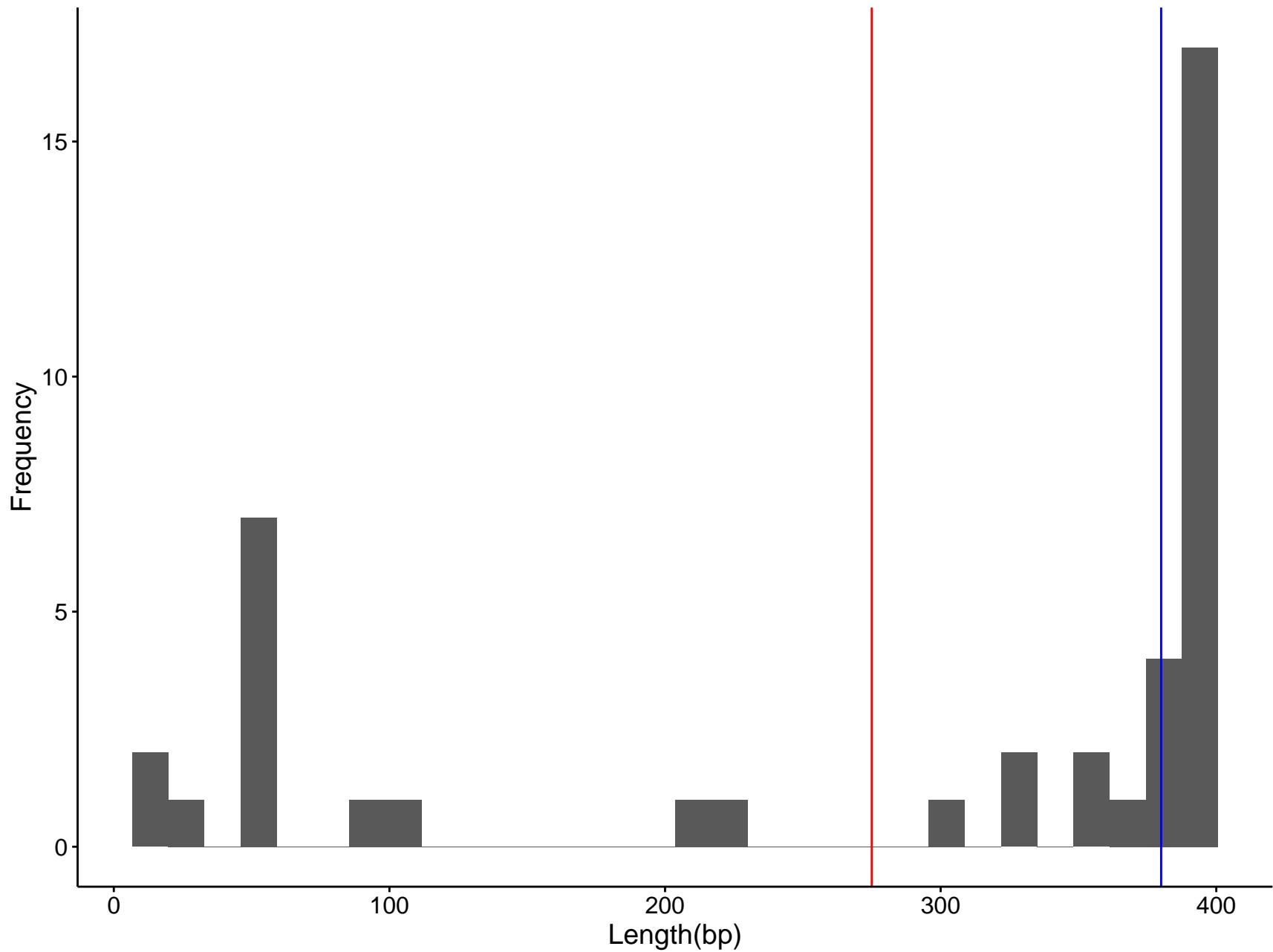
Cluster2209



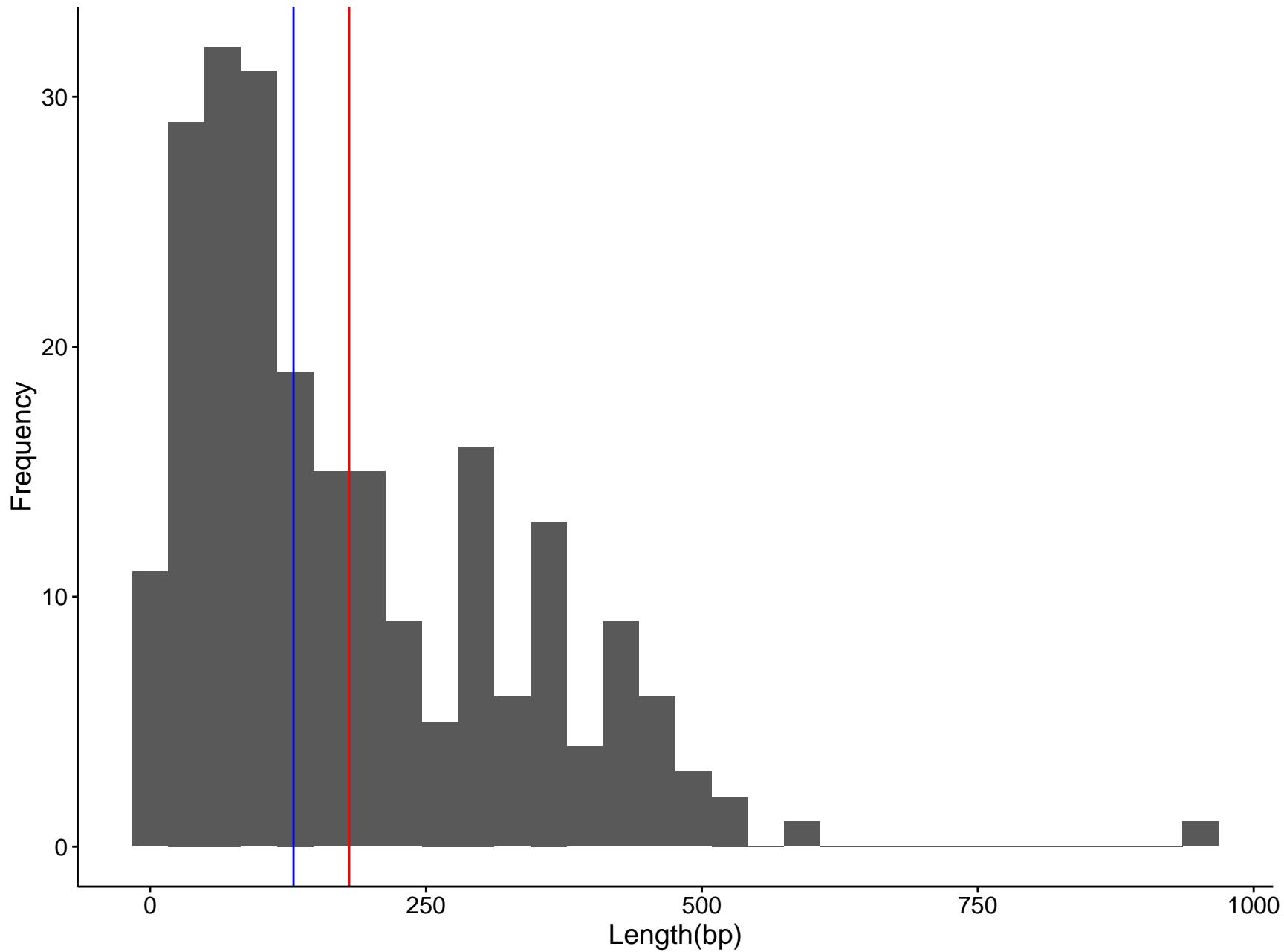
Cluster2211



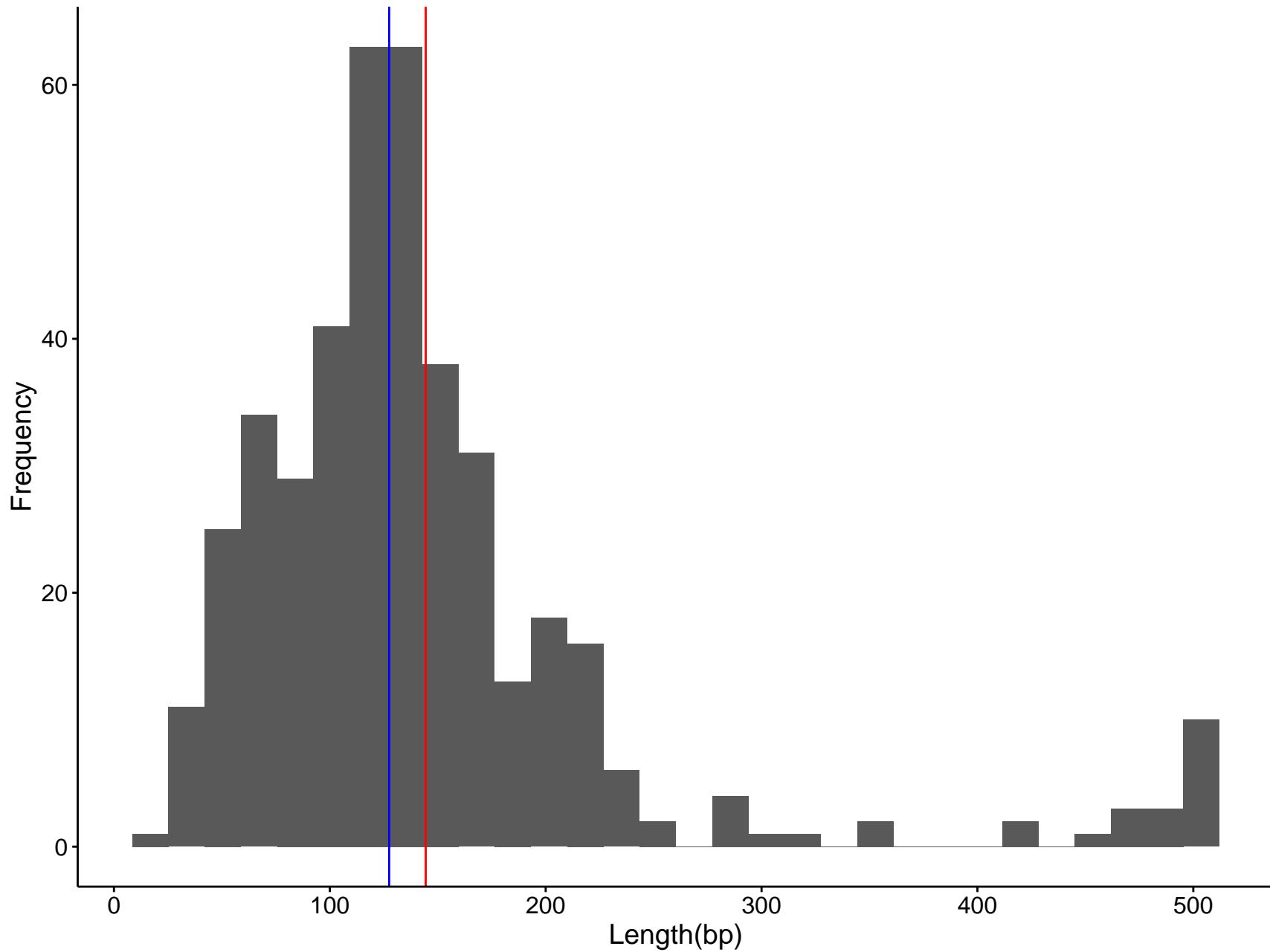
Cluster2212



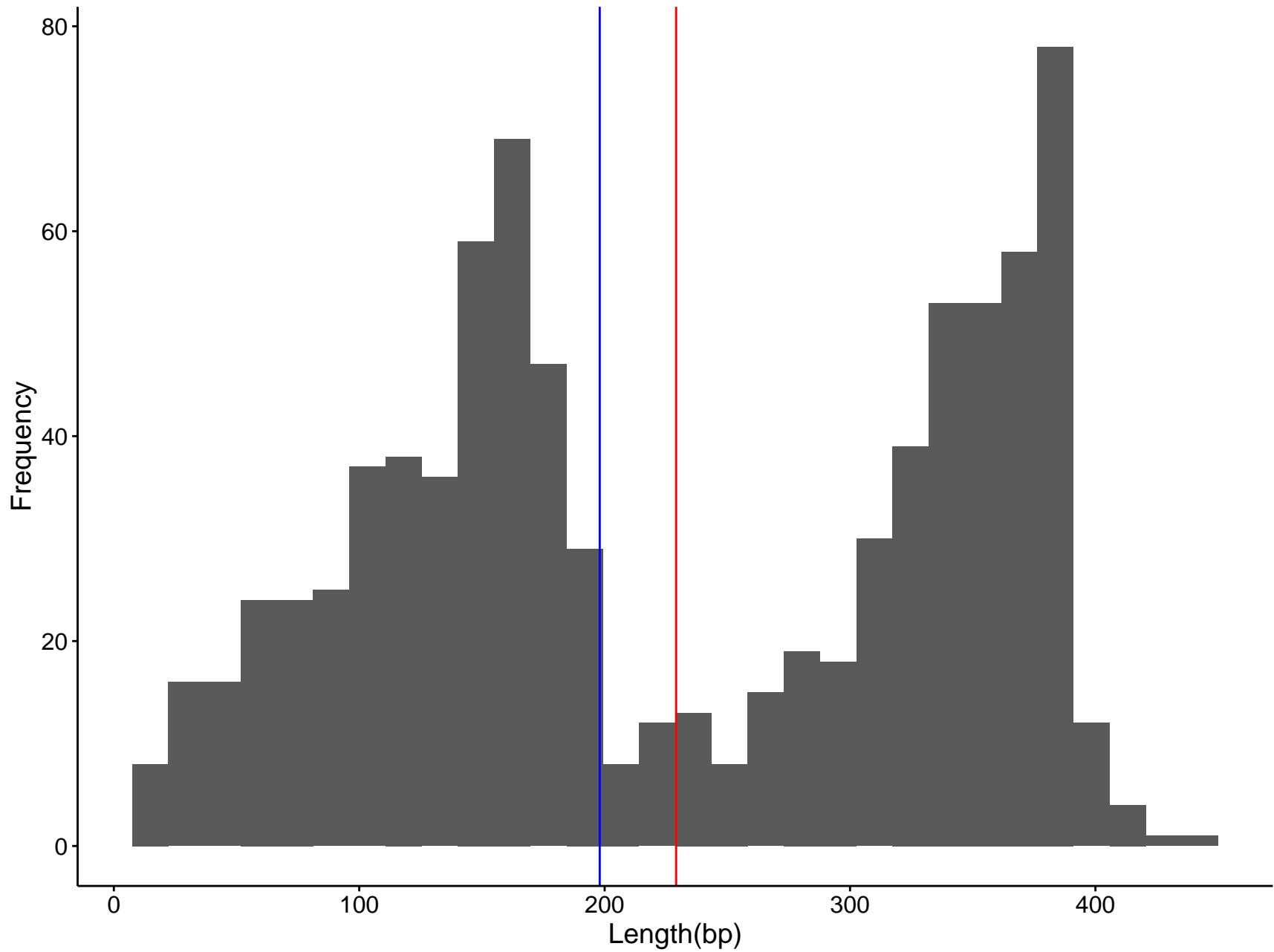
Cluster2213



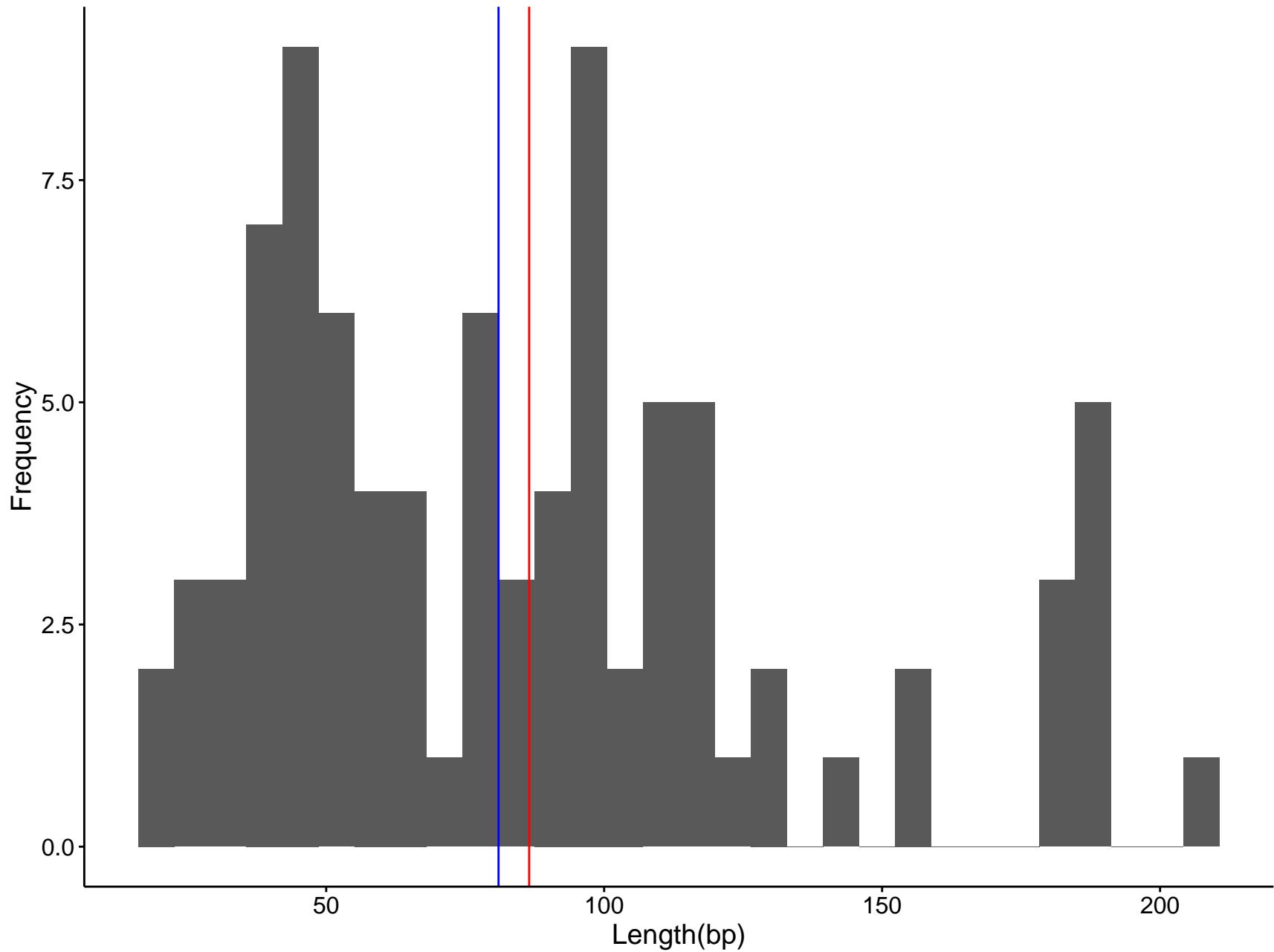
Cluster2214



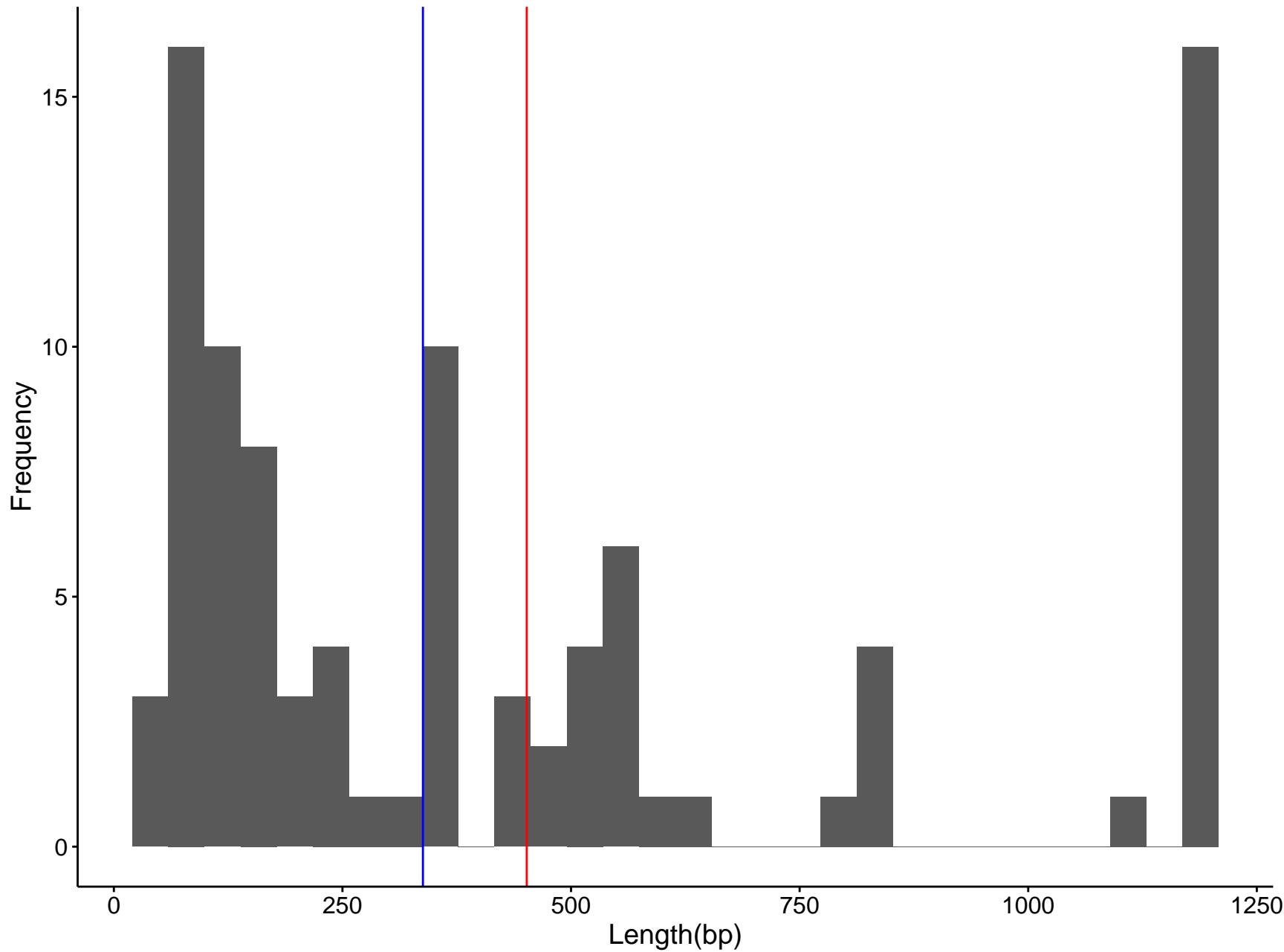
Cluster2215



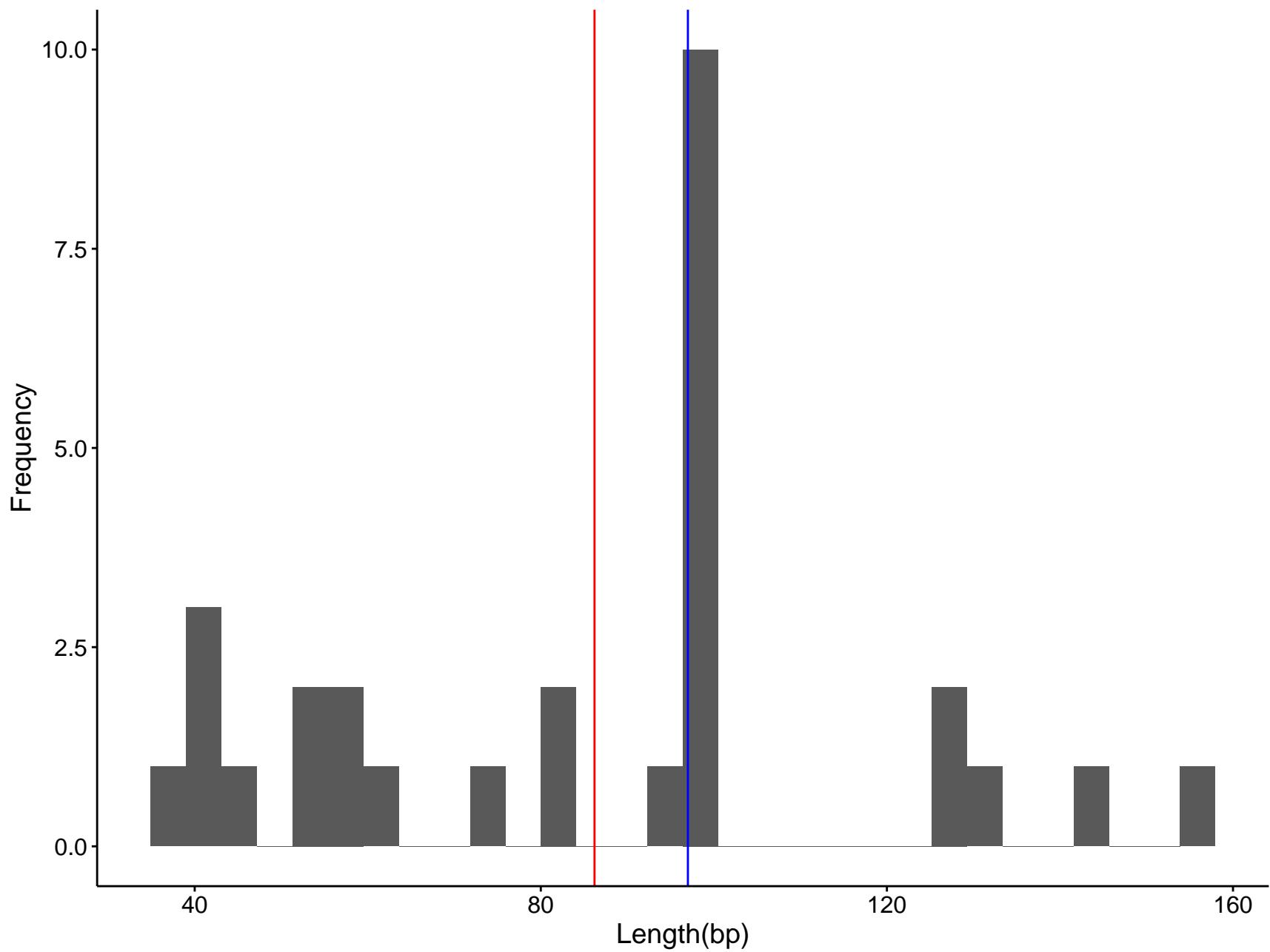
Cluster2216



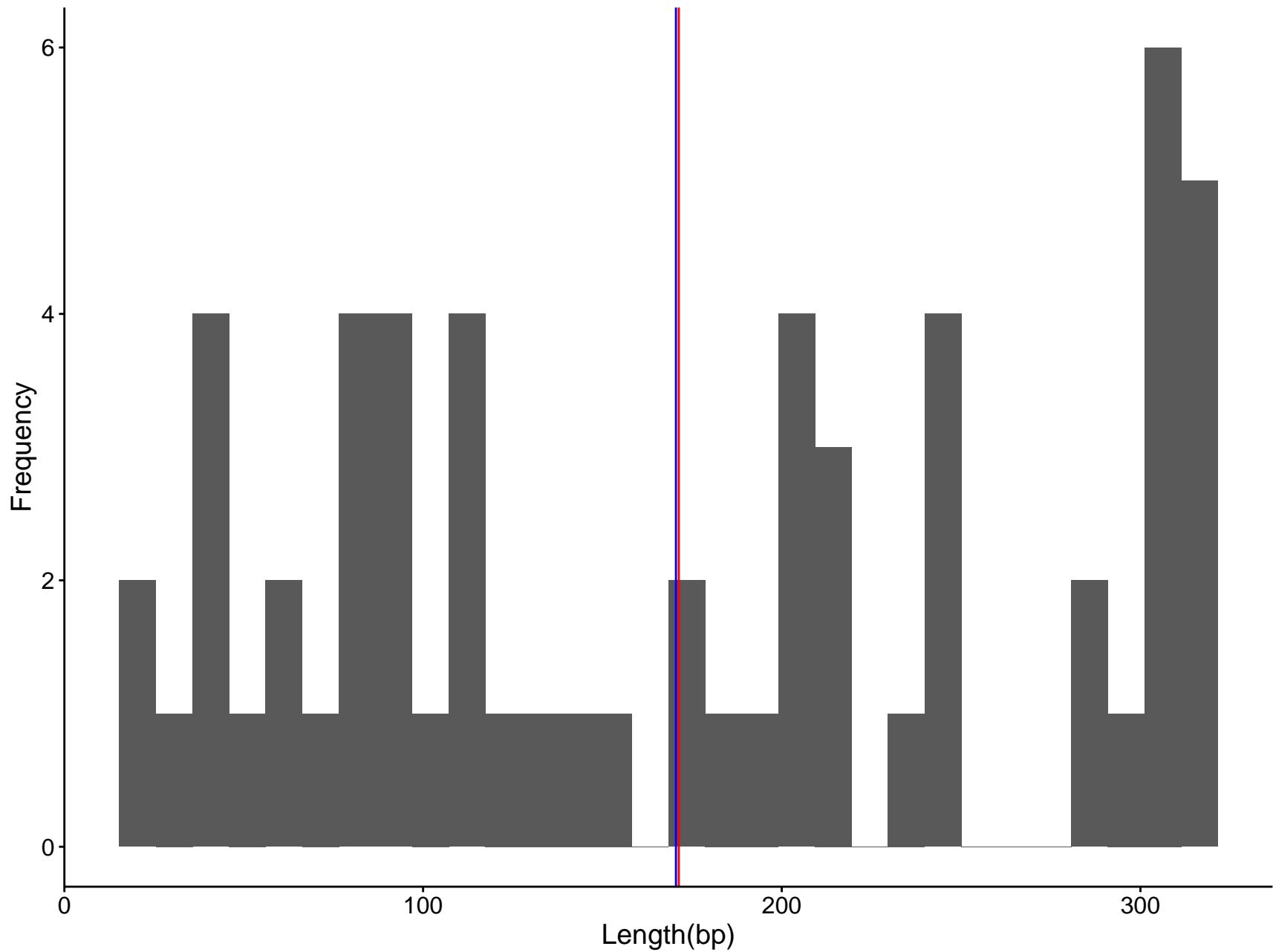
Cluster2217



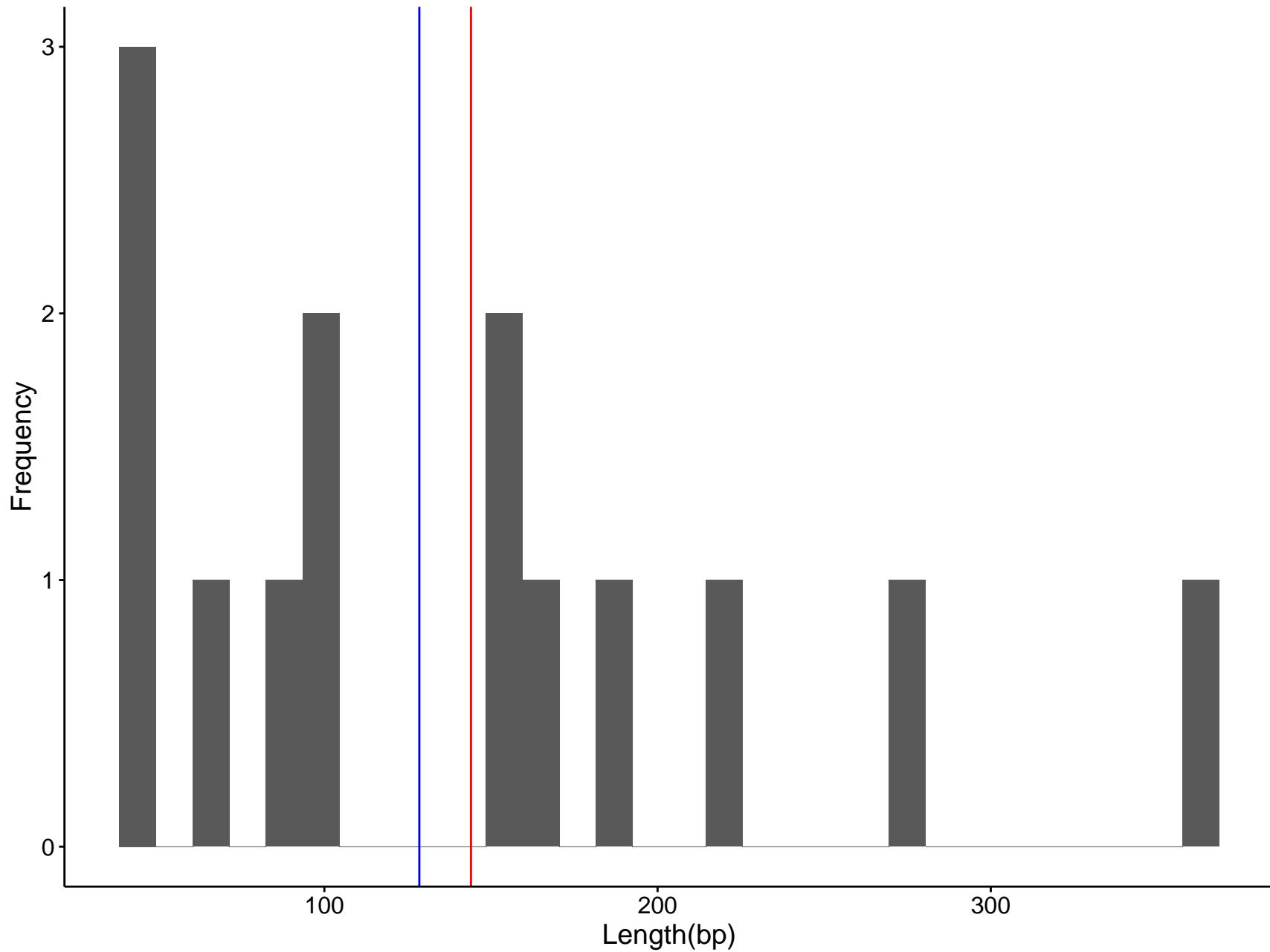
Cluster2218



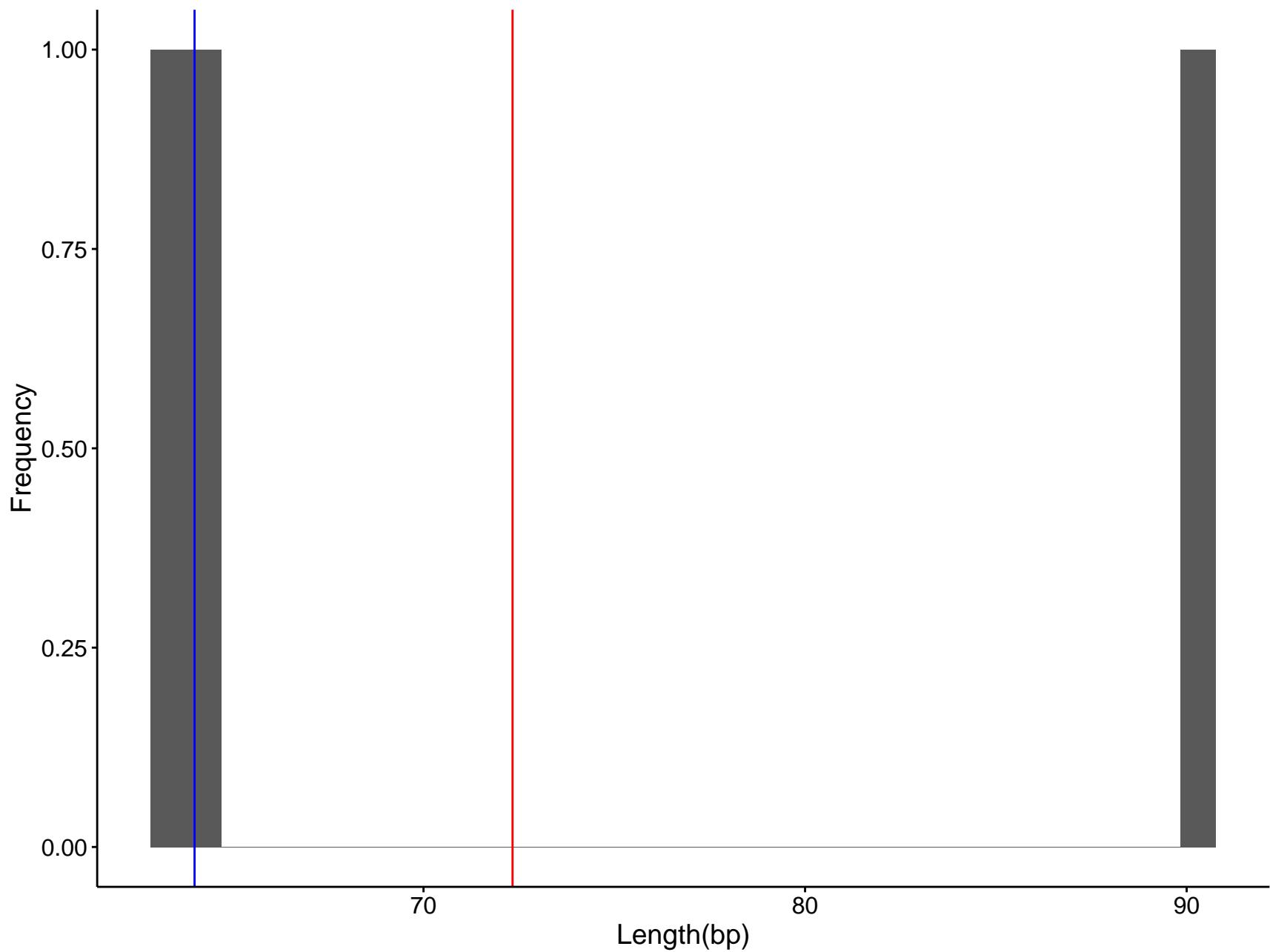
Cluster2219



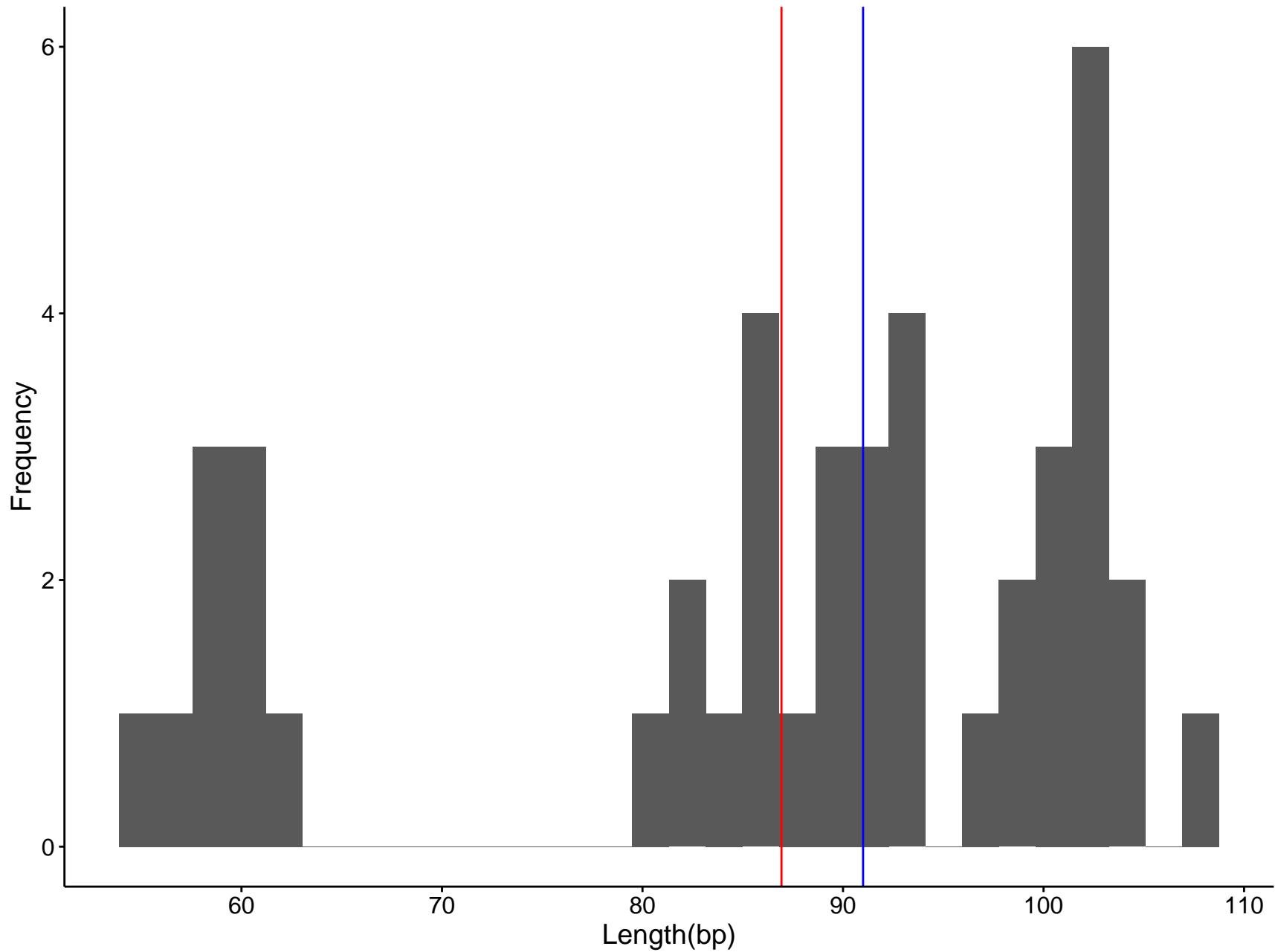
Cluster2220



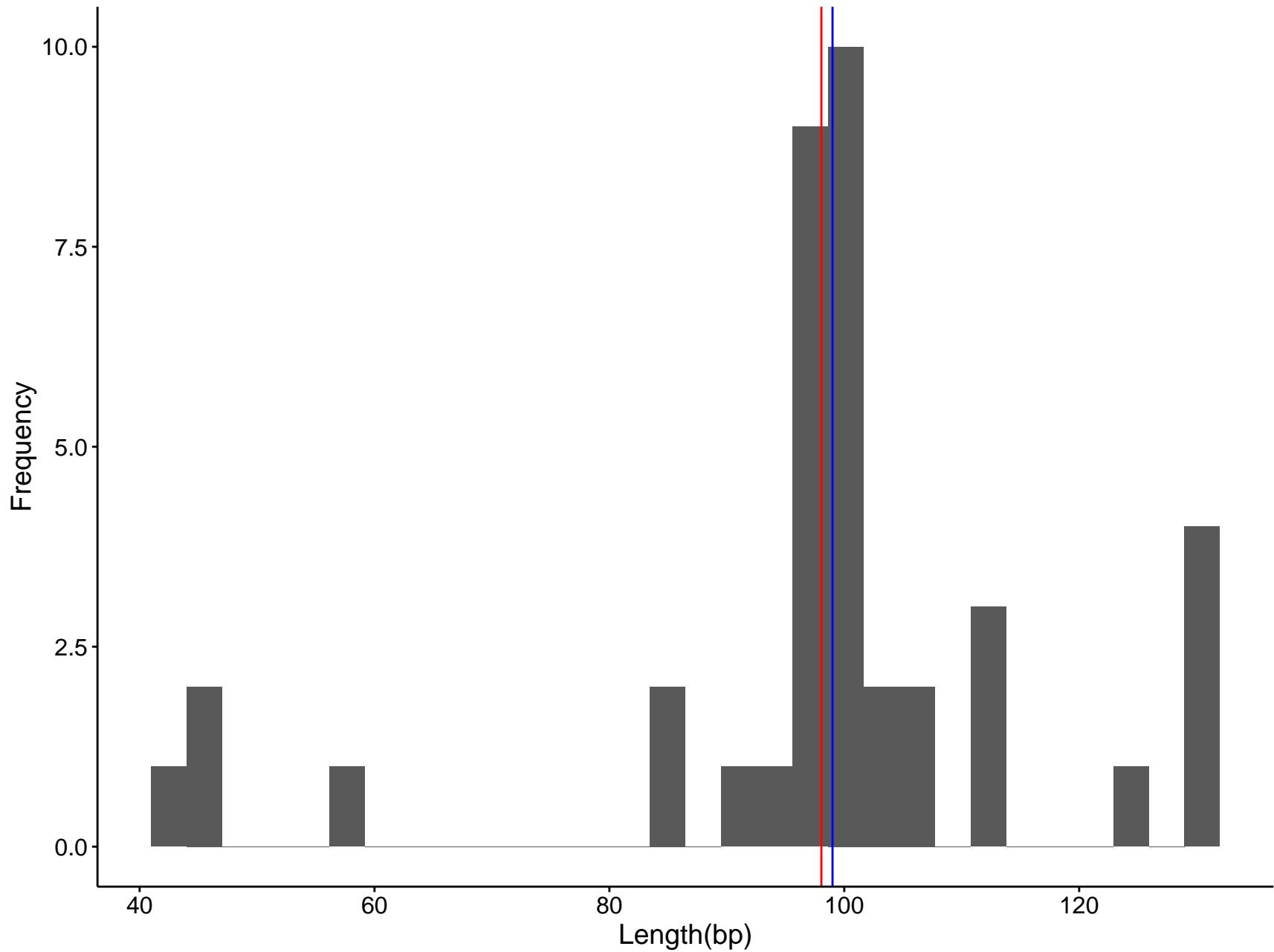
Cluster2221



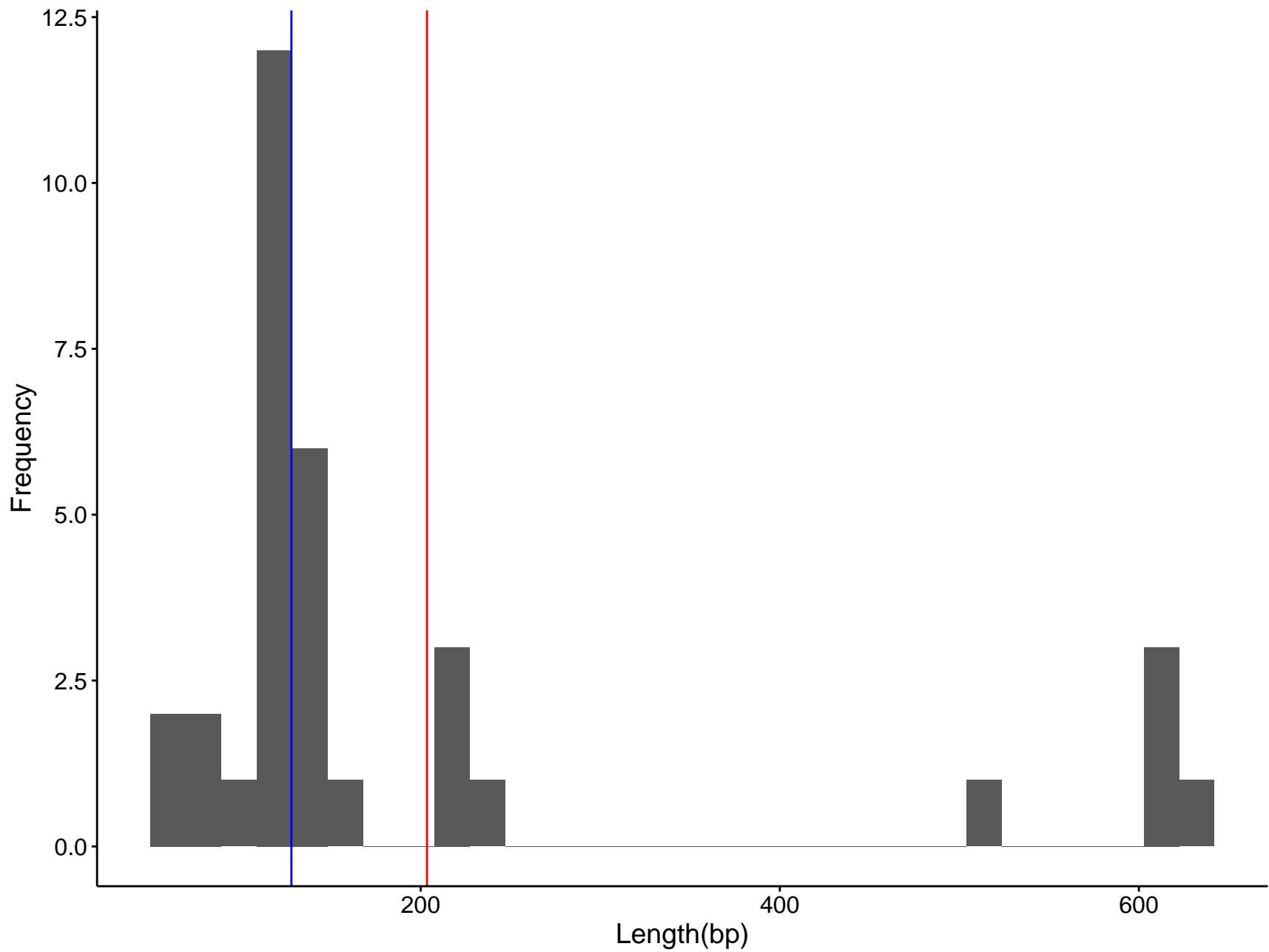
Cluster2223



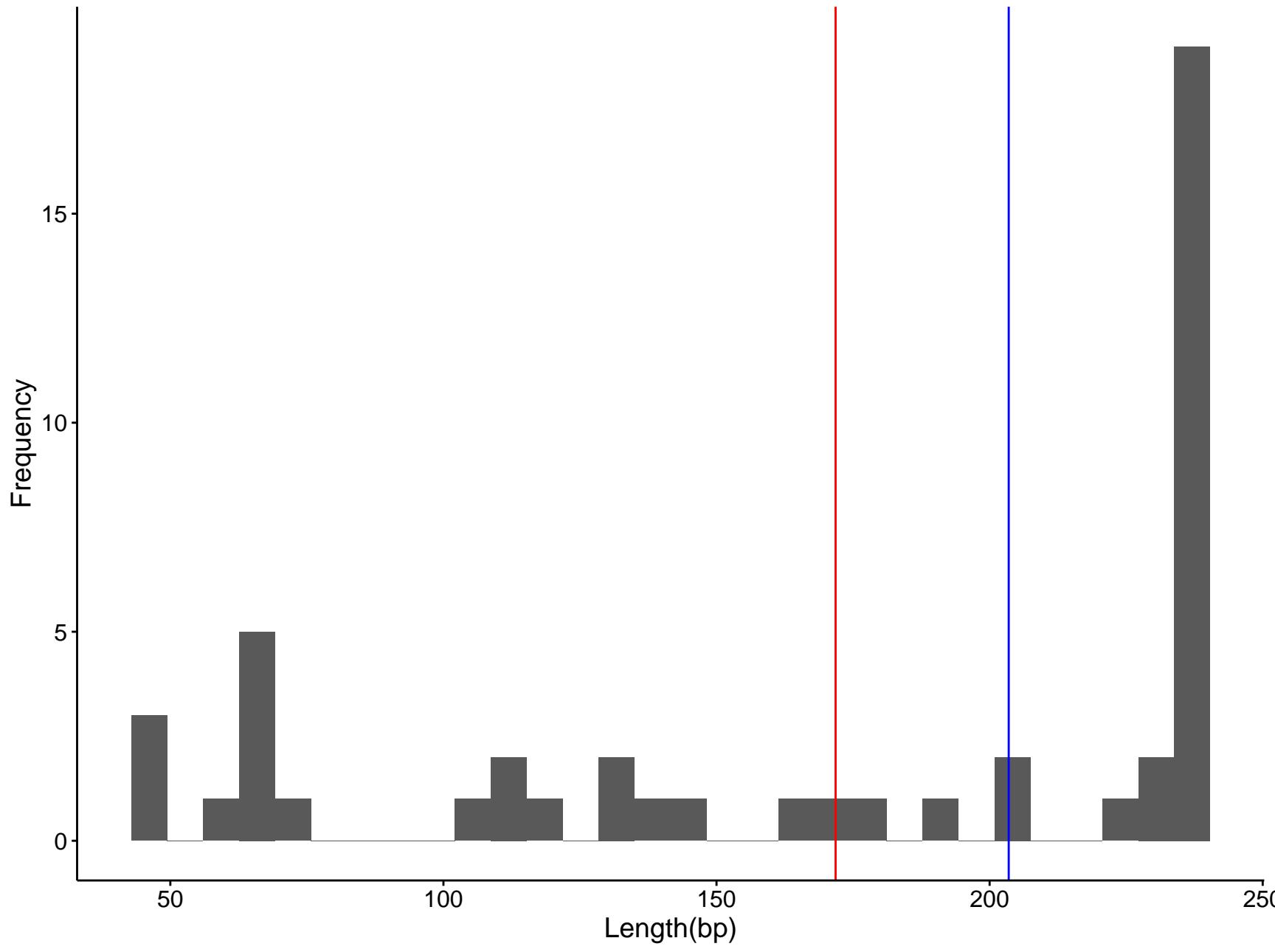
Cluster2224



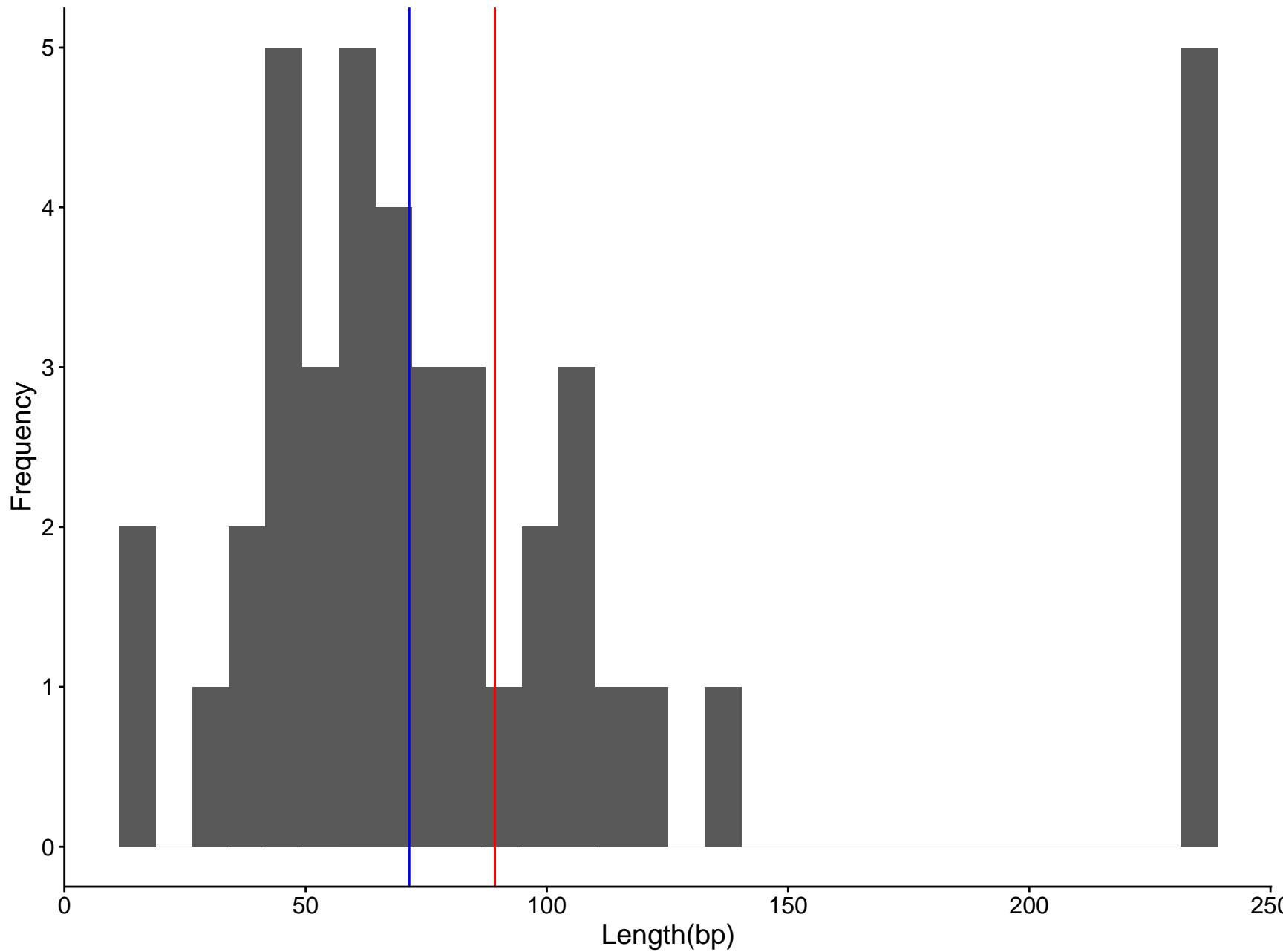
Cluster2226



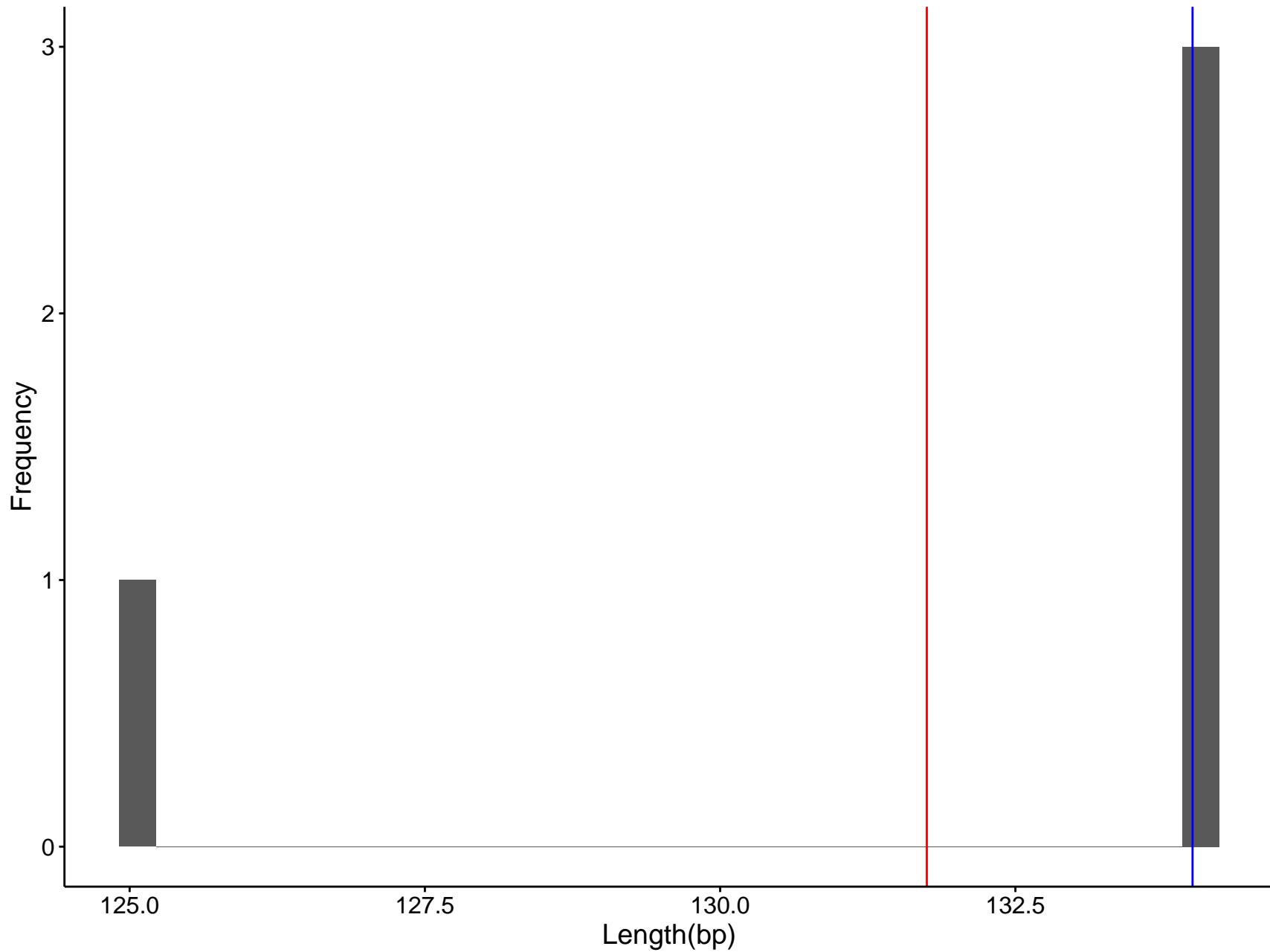
Cluster2228



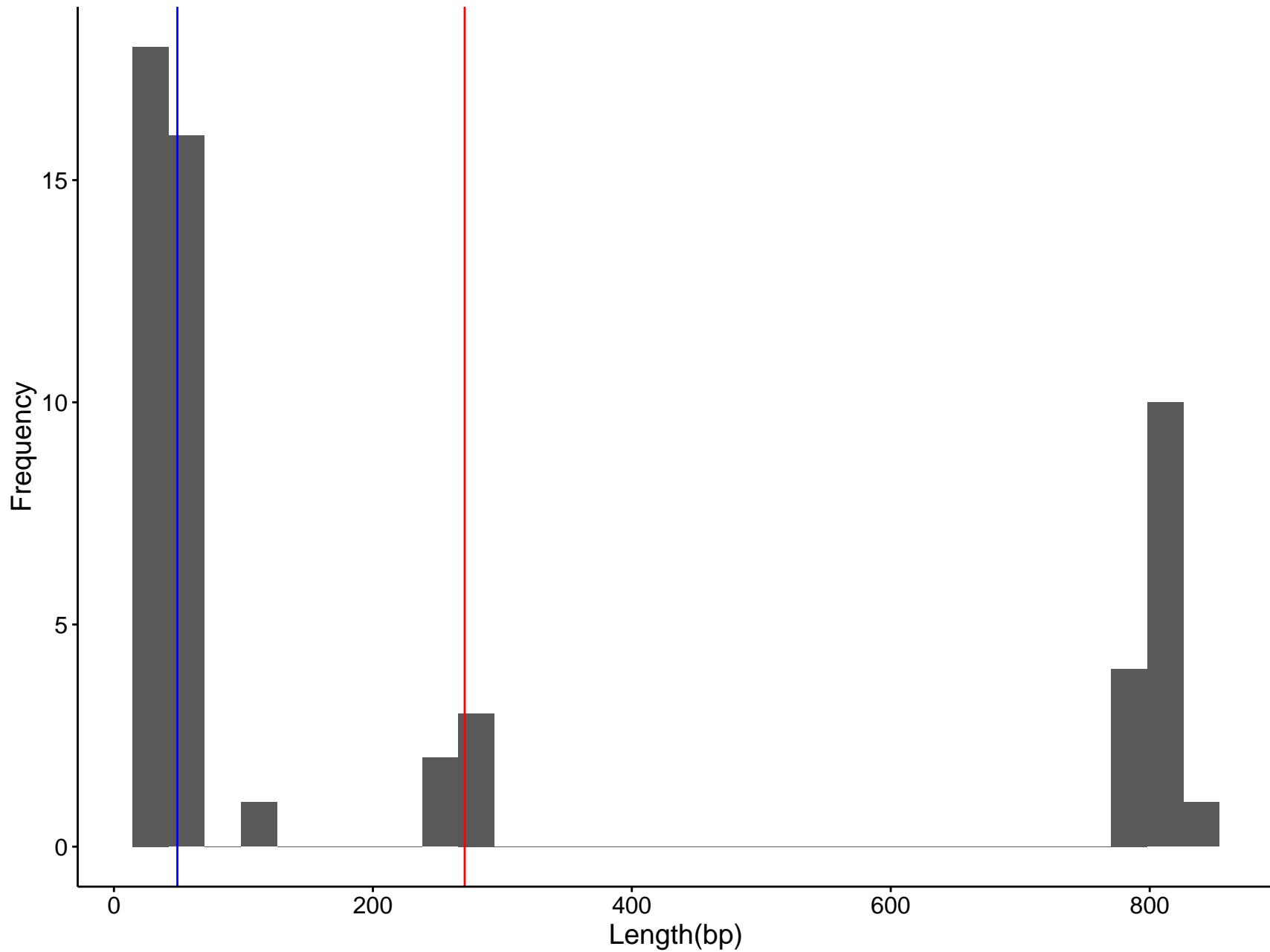
Cluster2229



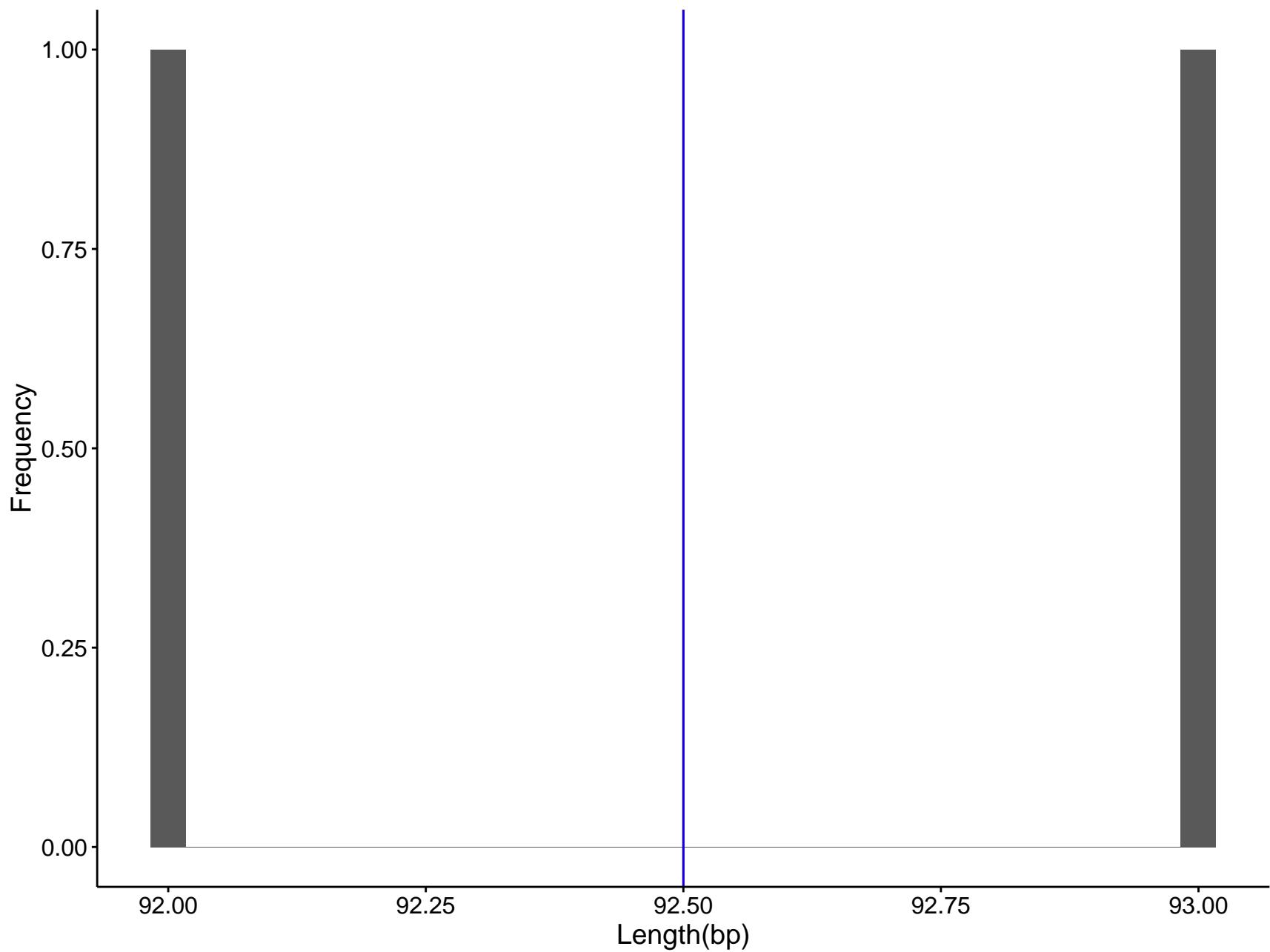
Cluster2231



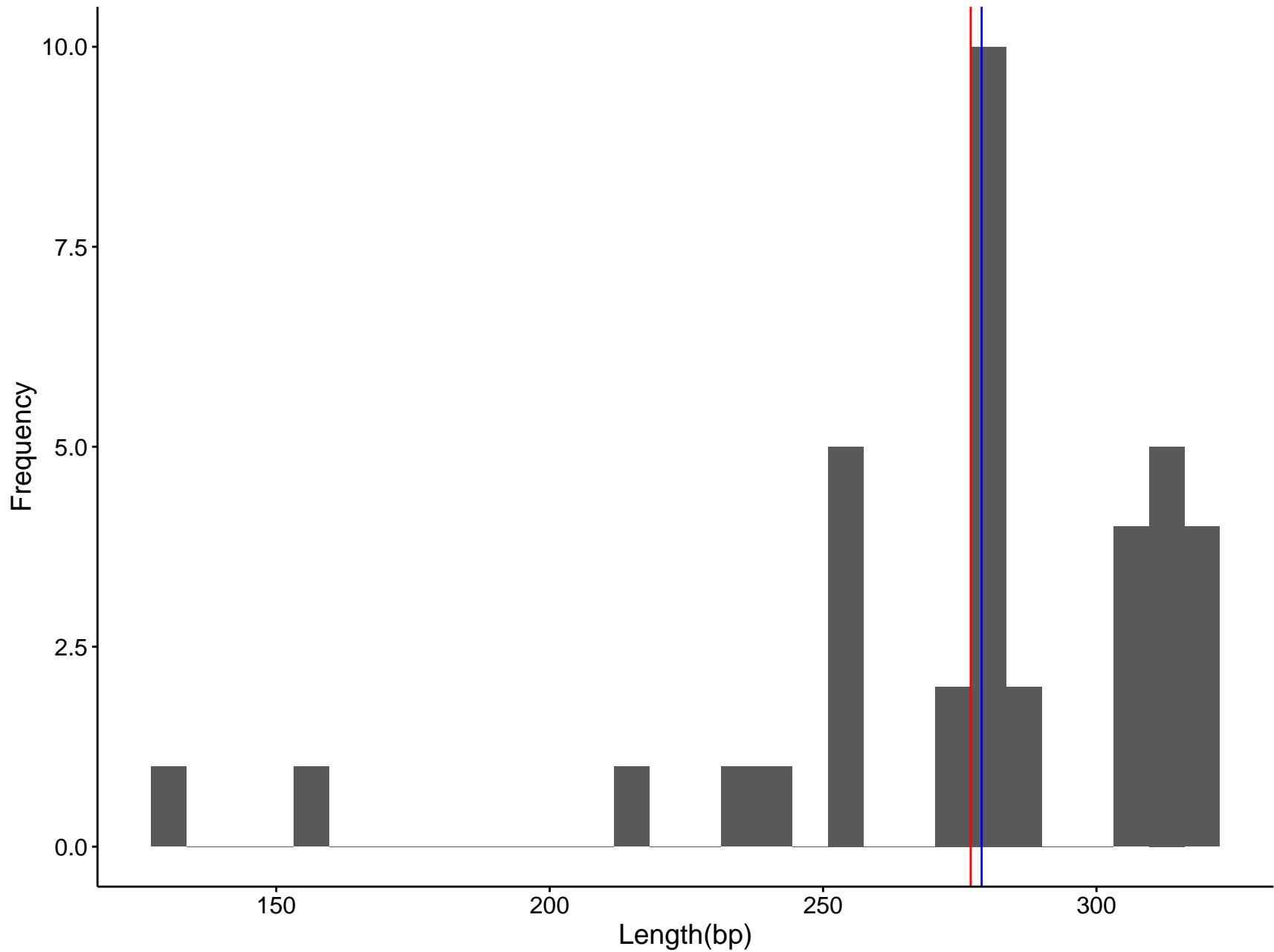
Cluster2232



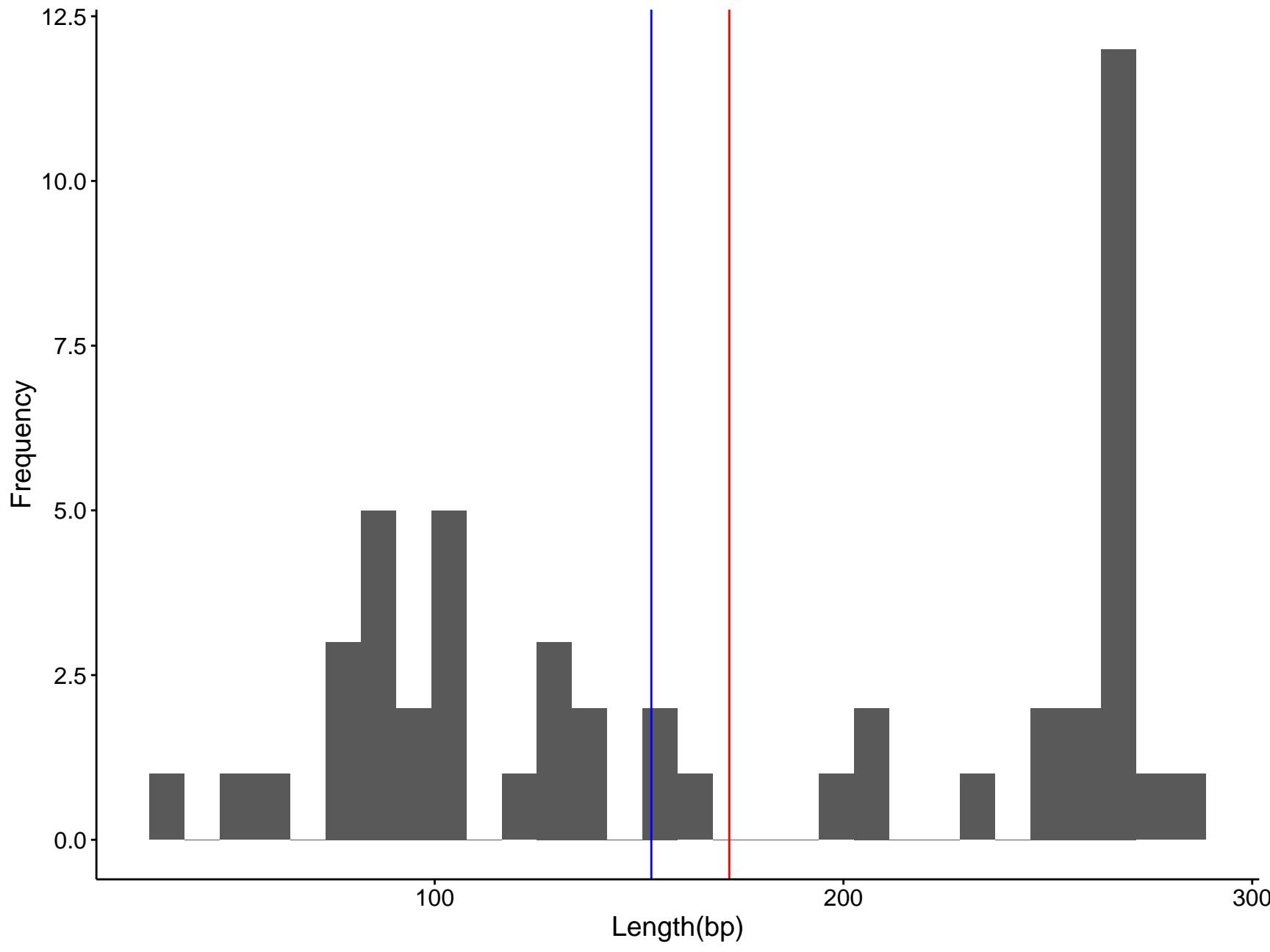
Cluster2233



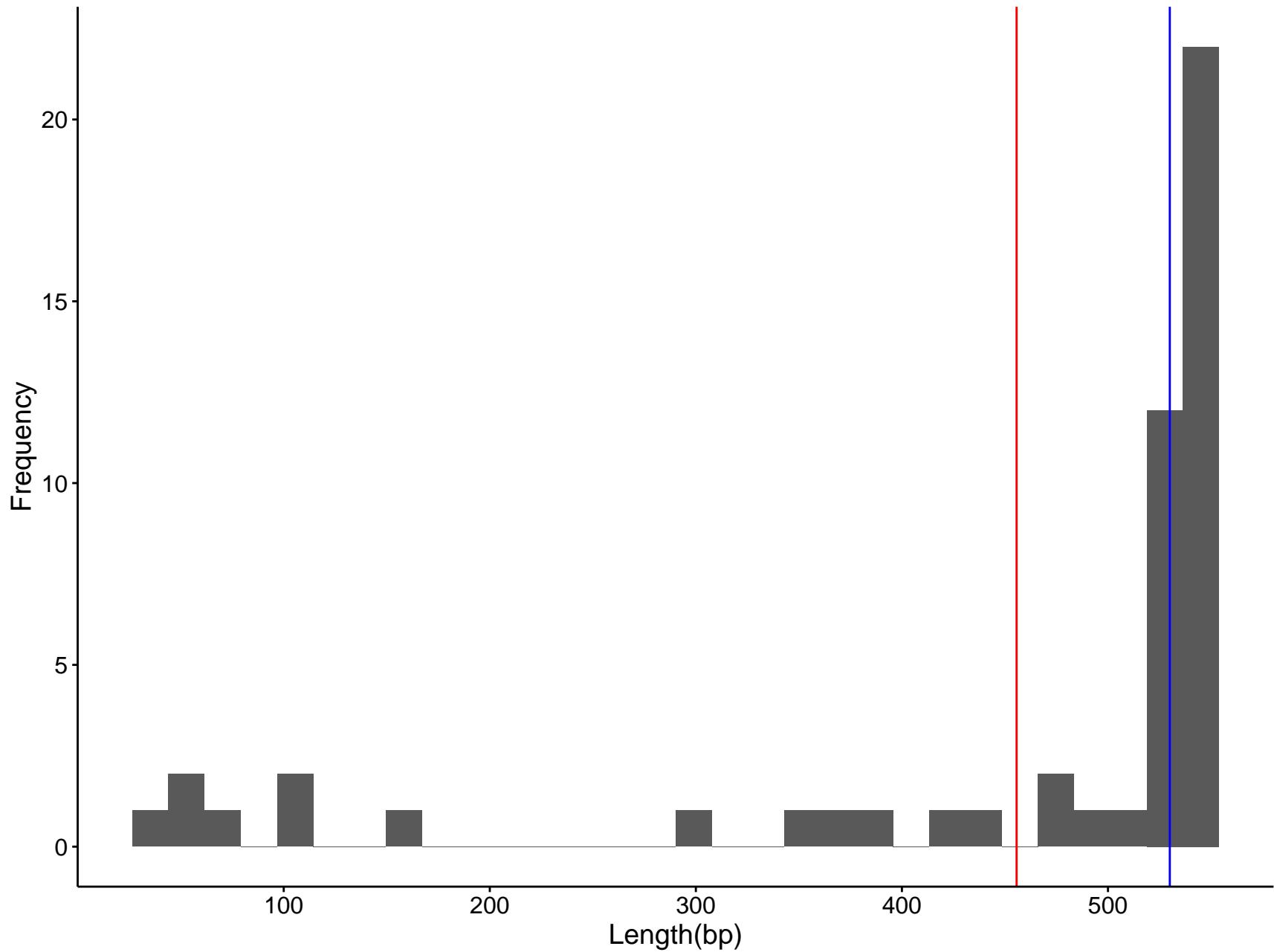
Cluster2234



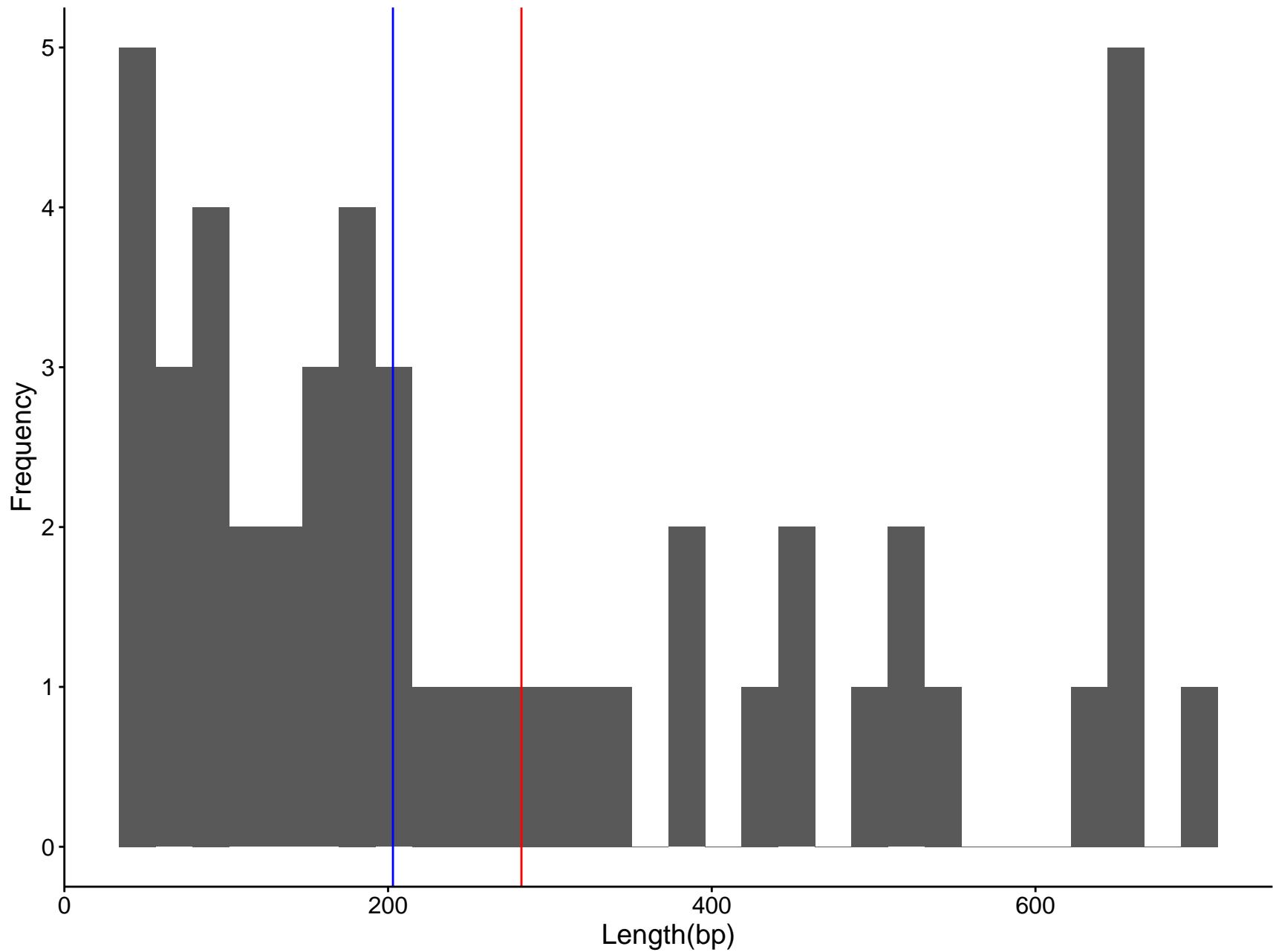
Cluster2235



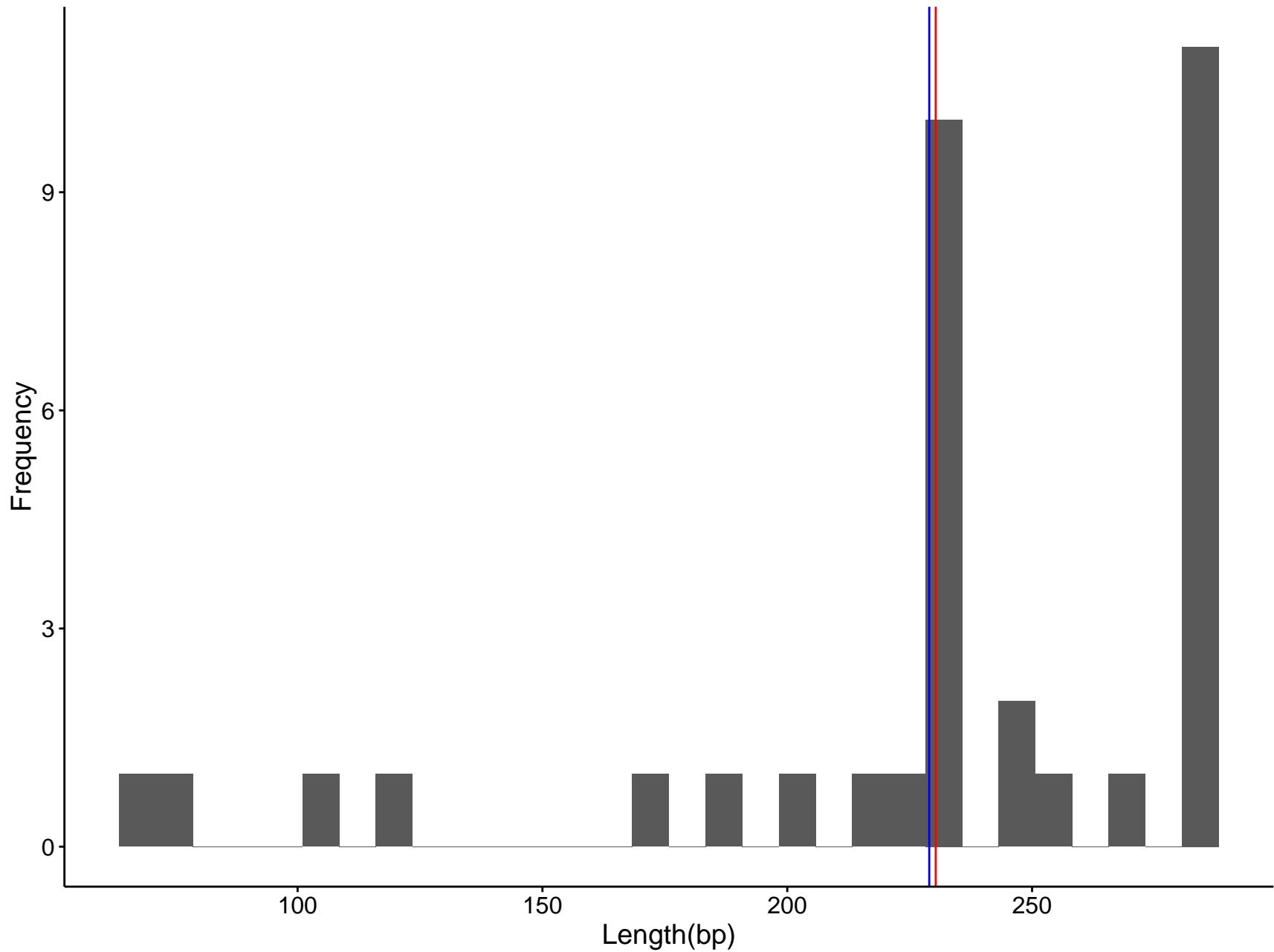
Cluster2236



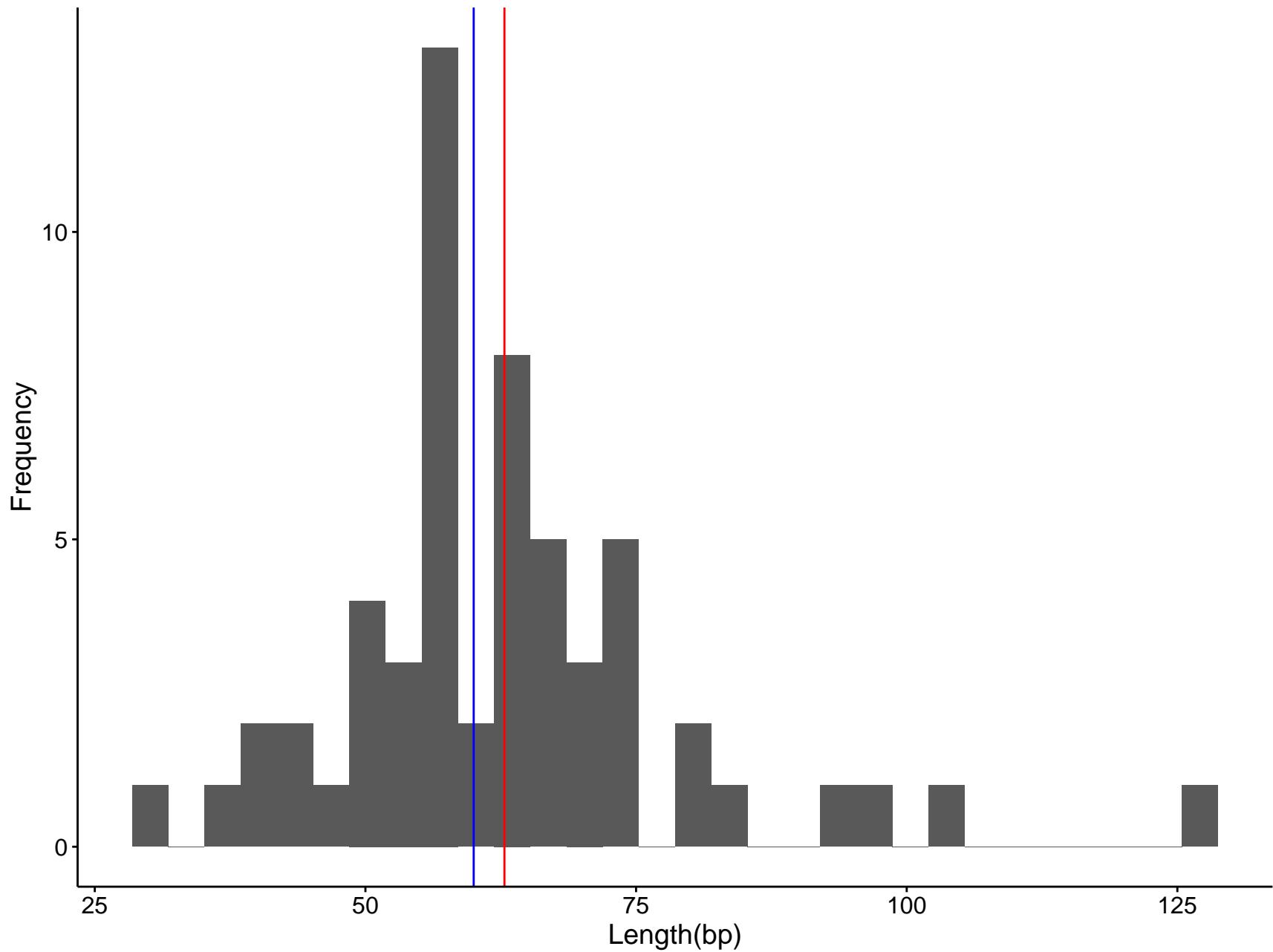
Cluster2237



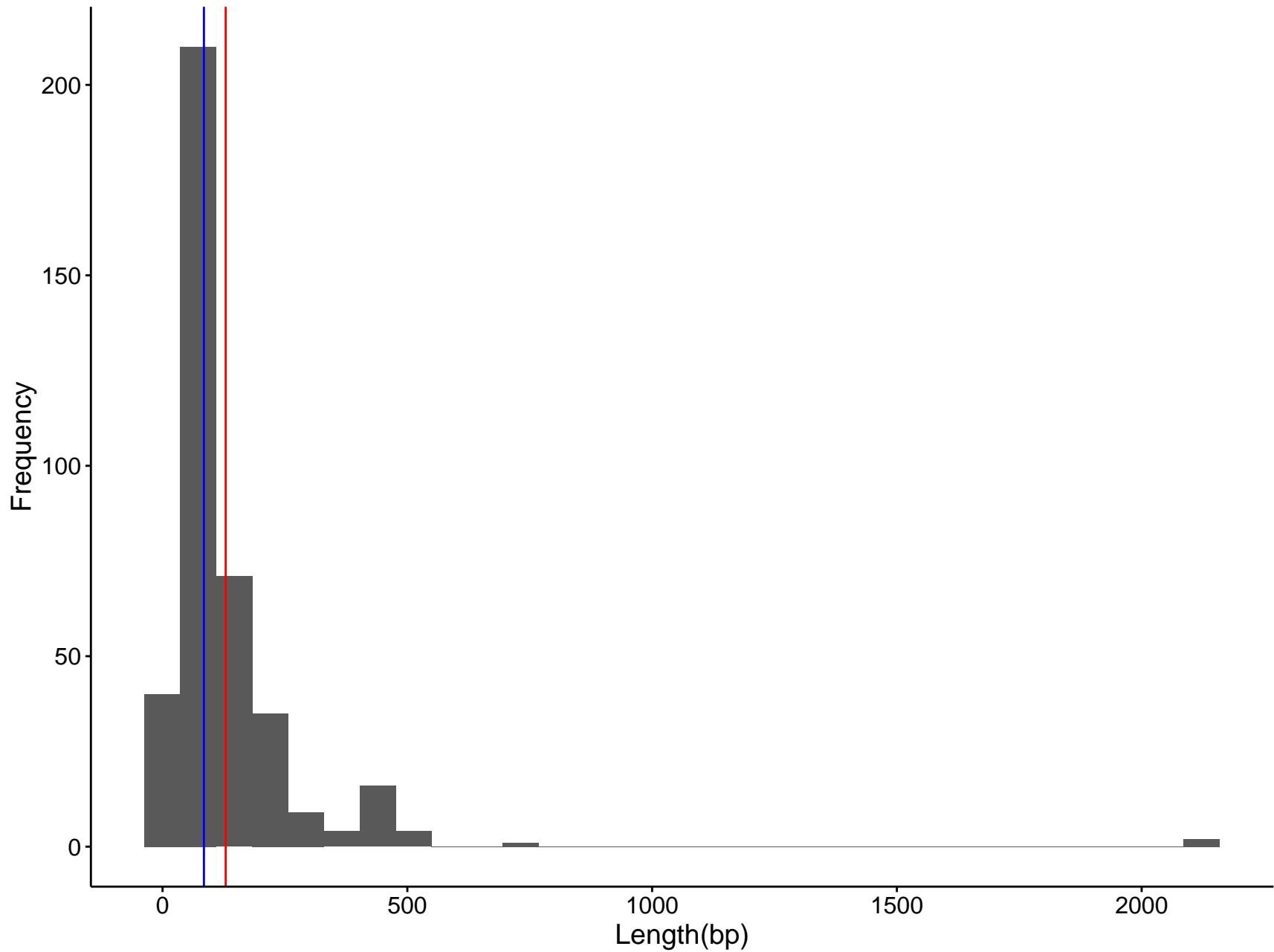
Cluster2238



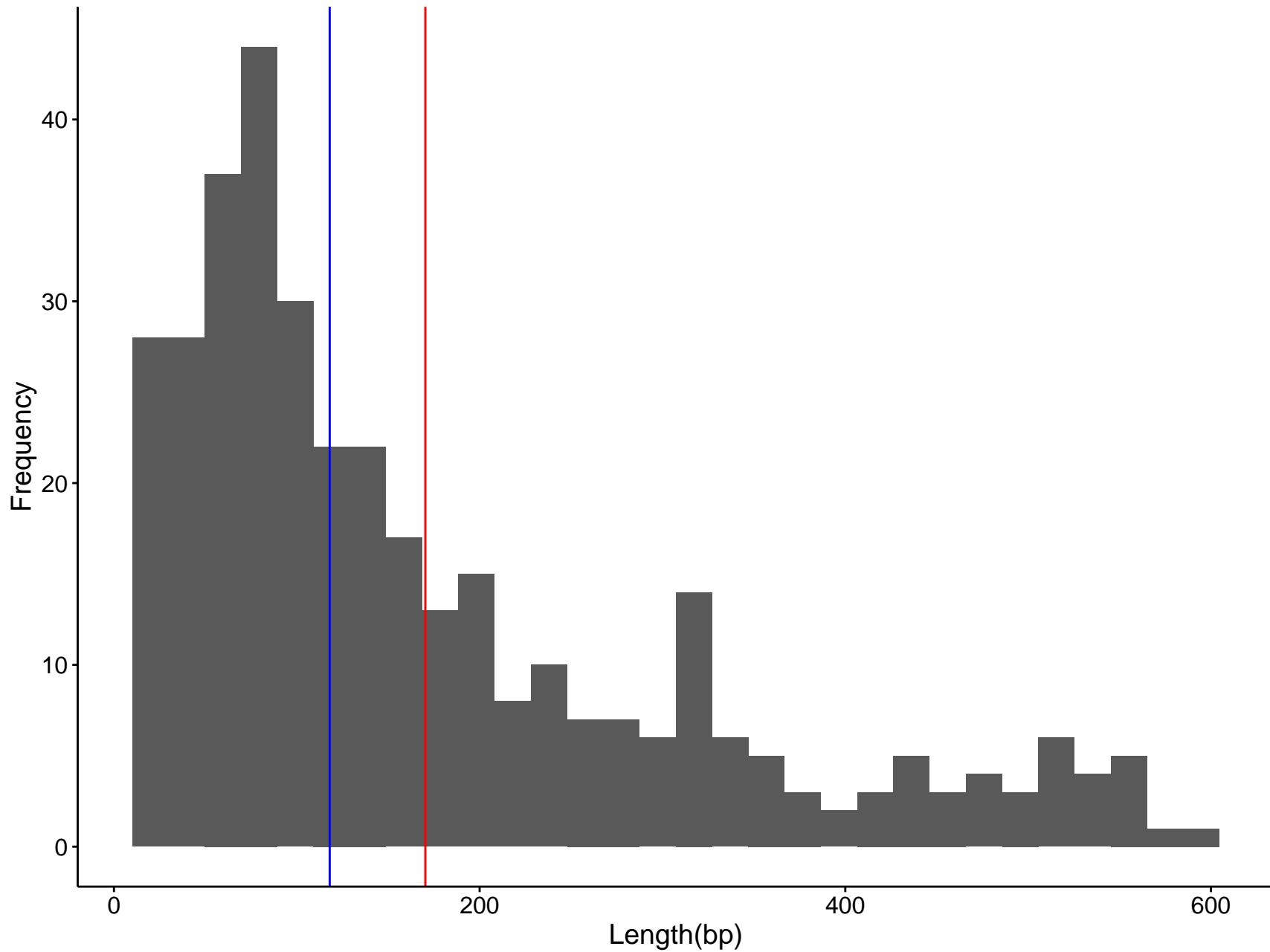
Cluster2240



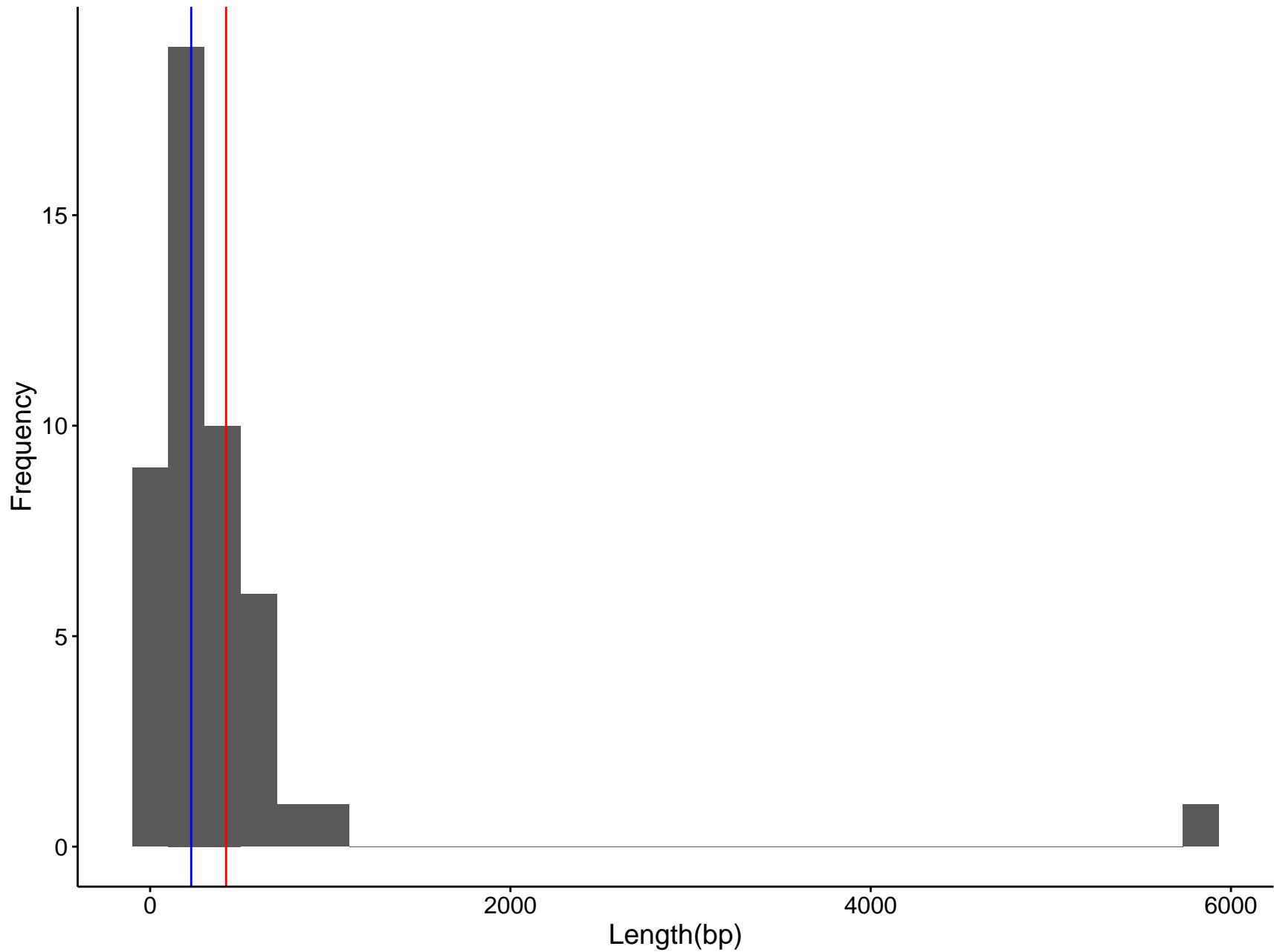
Cluster2242



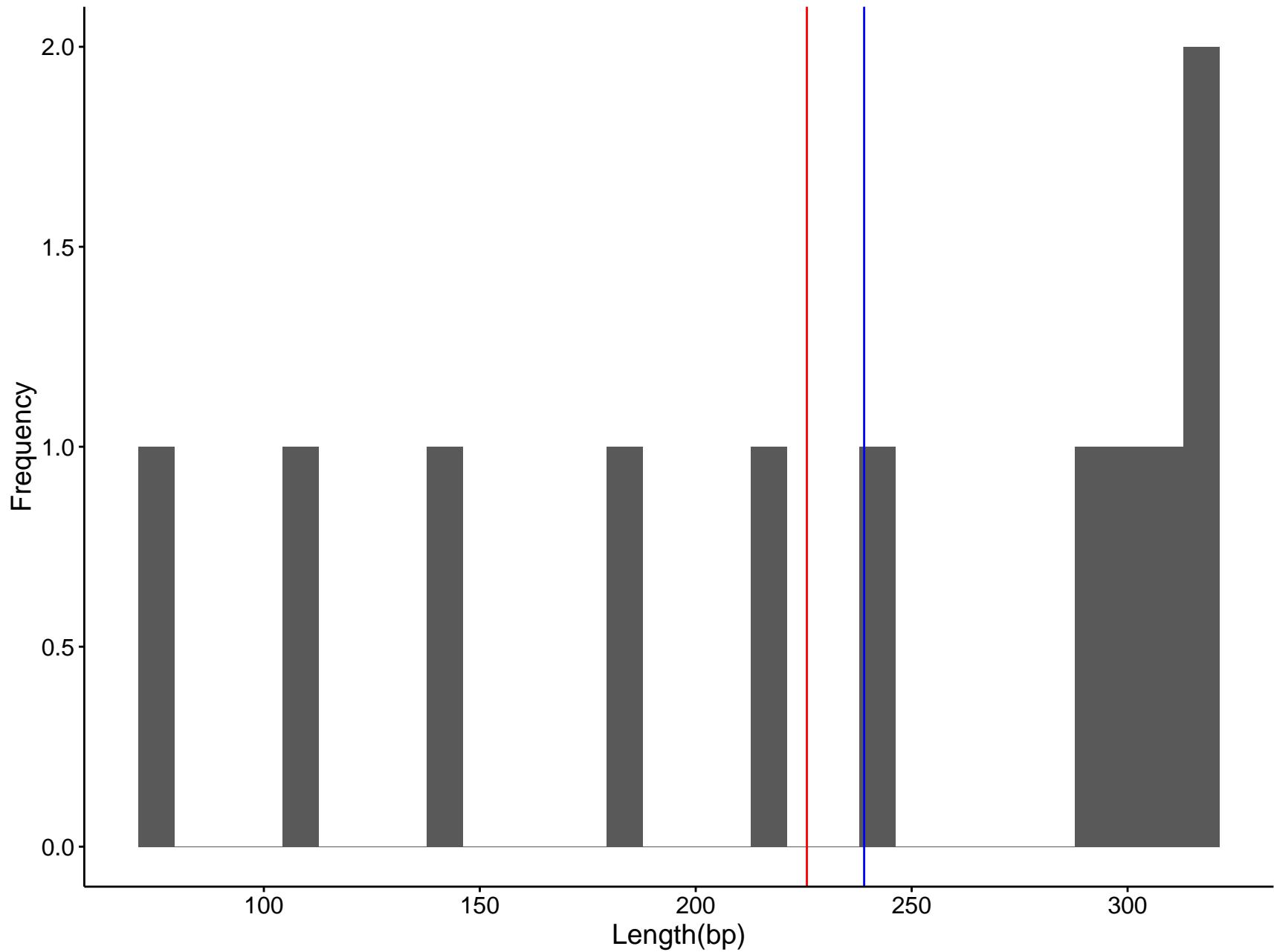
Cluster2244



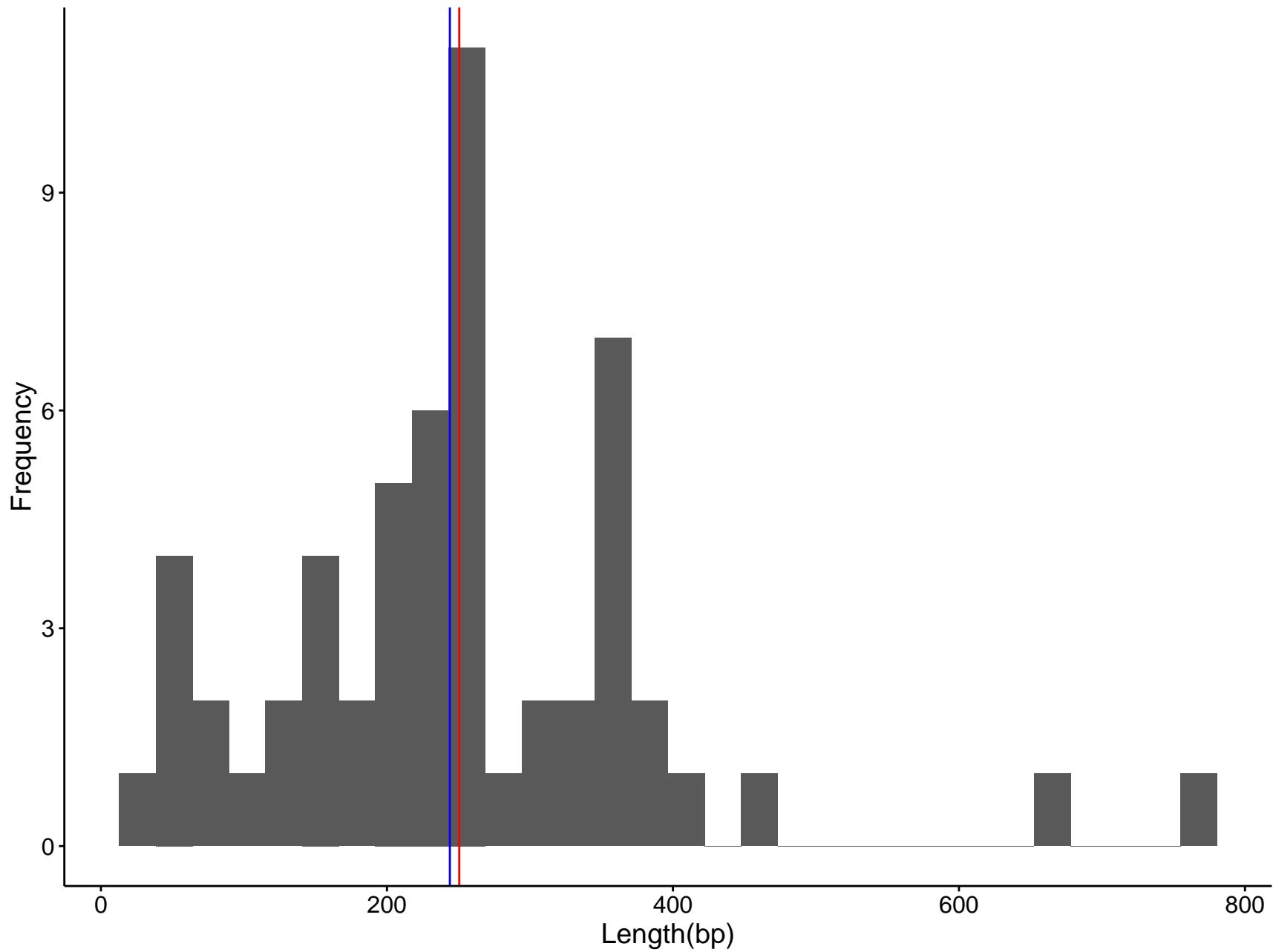
Cluster2246



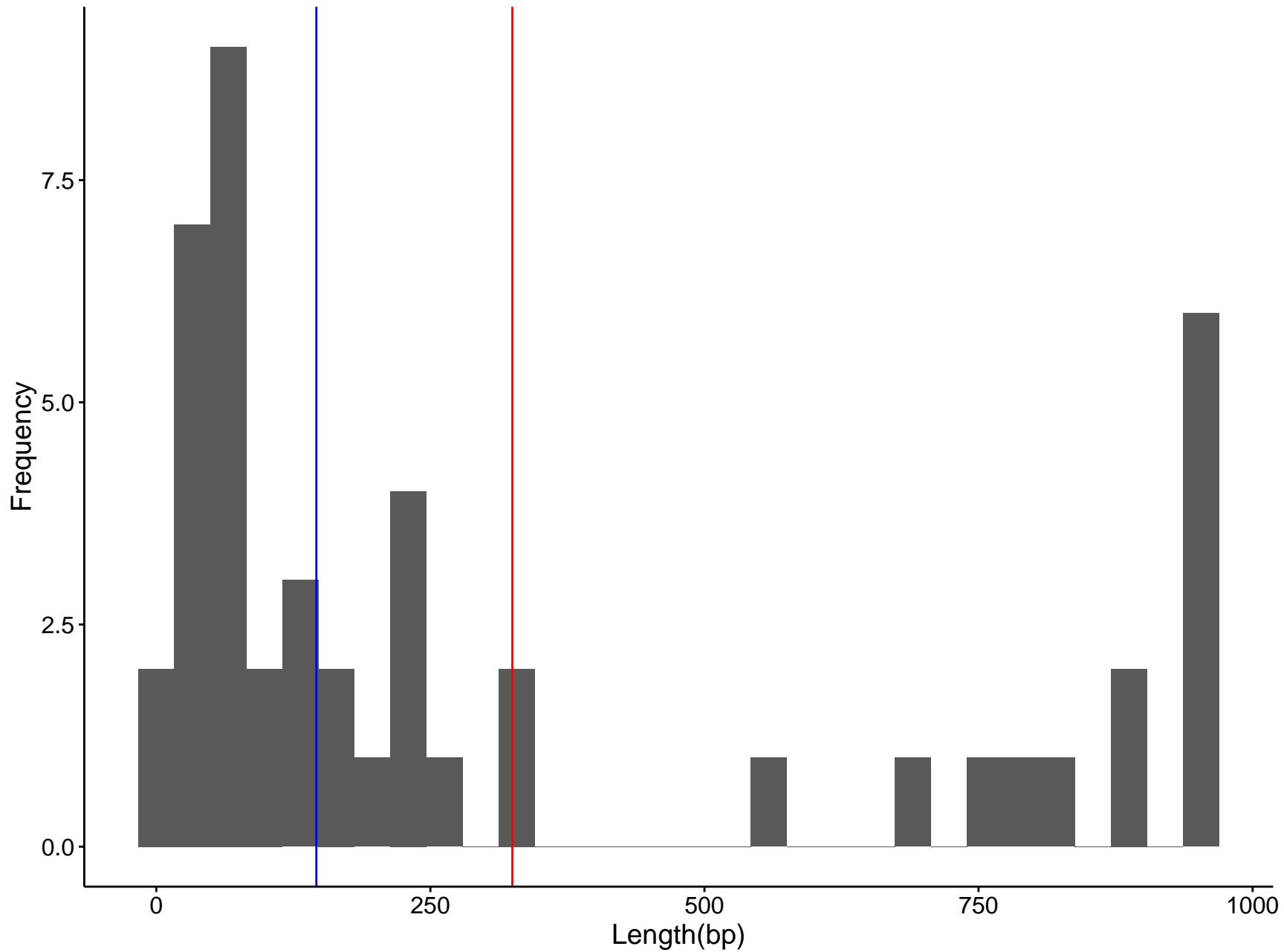
Cluster2247



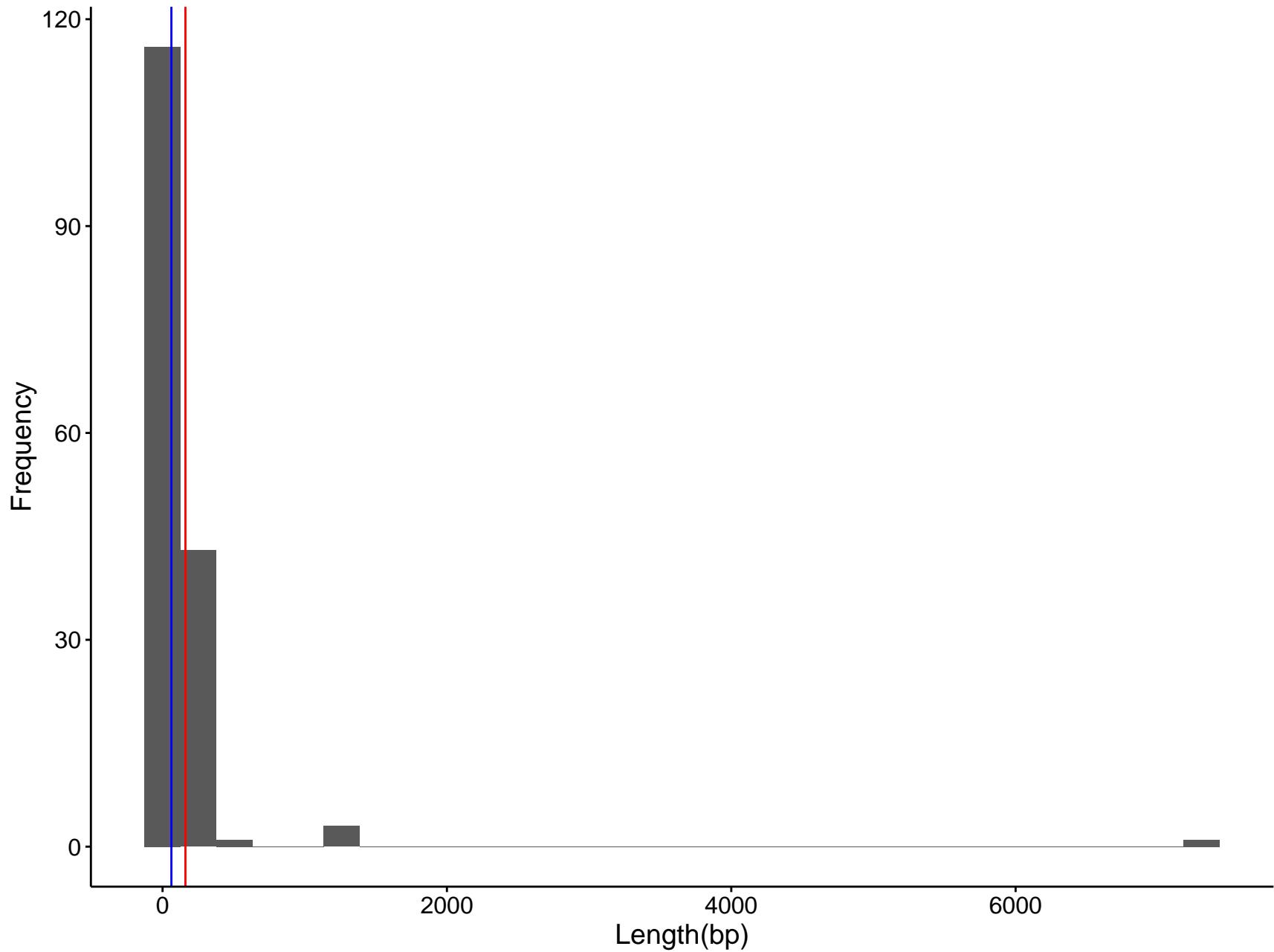
Cluster2249



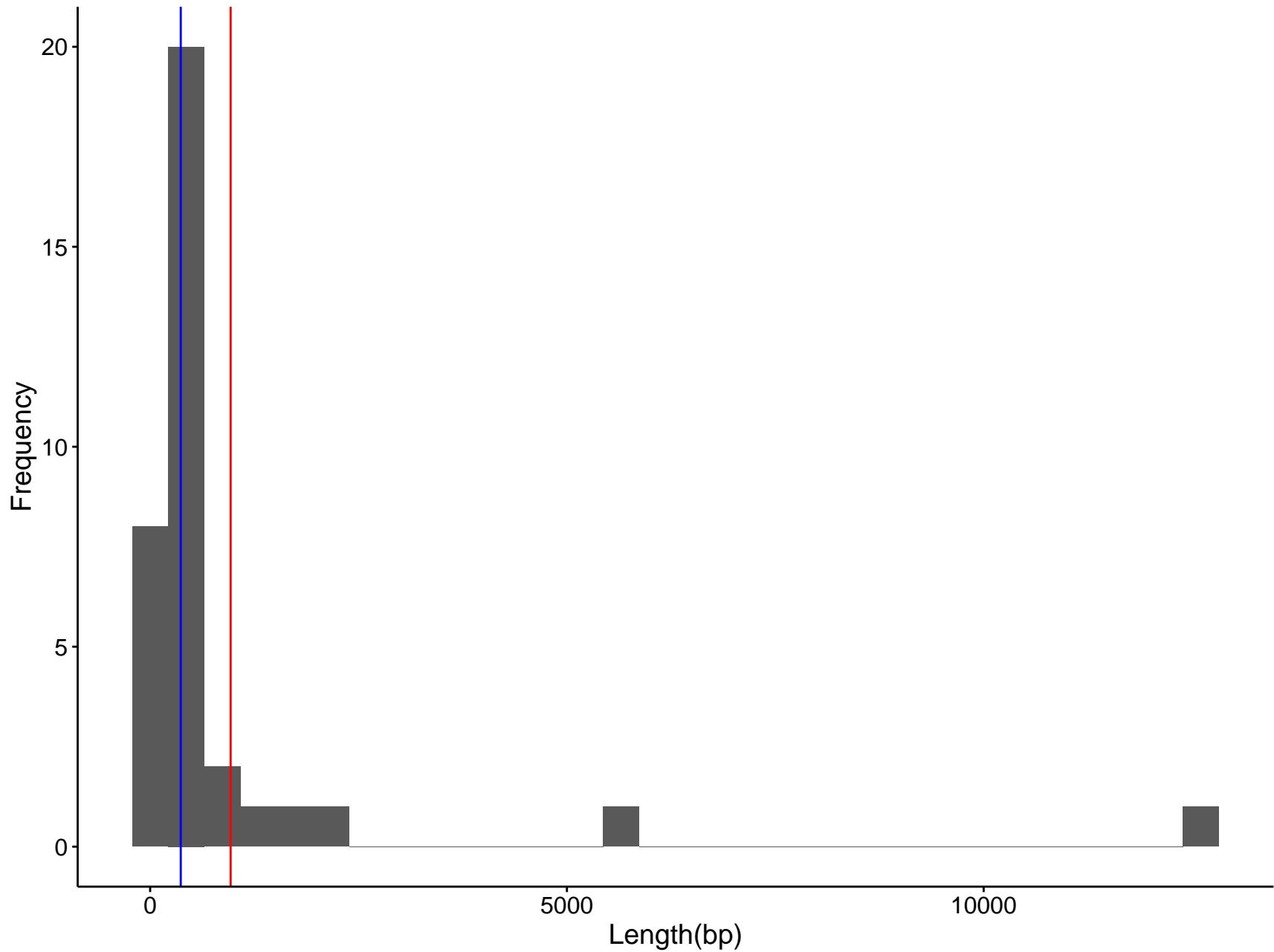
Cluster2250



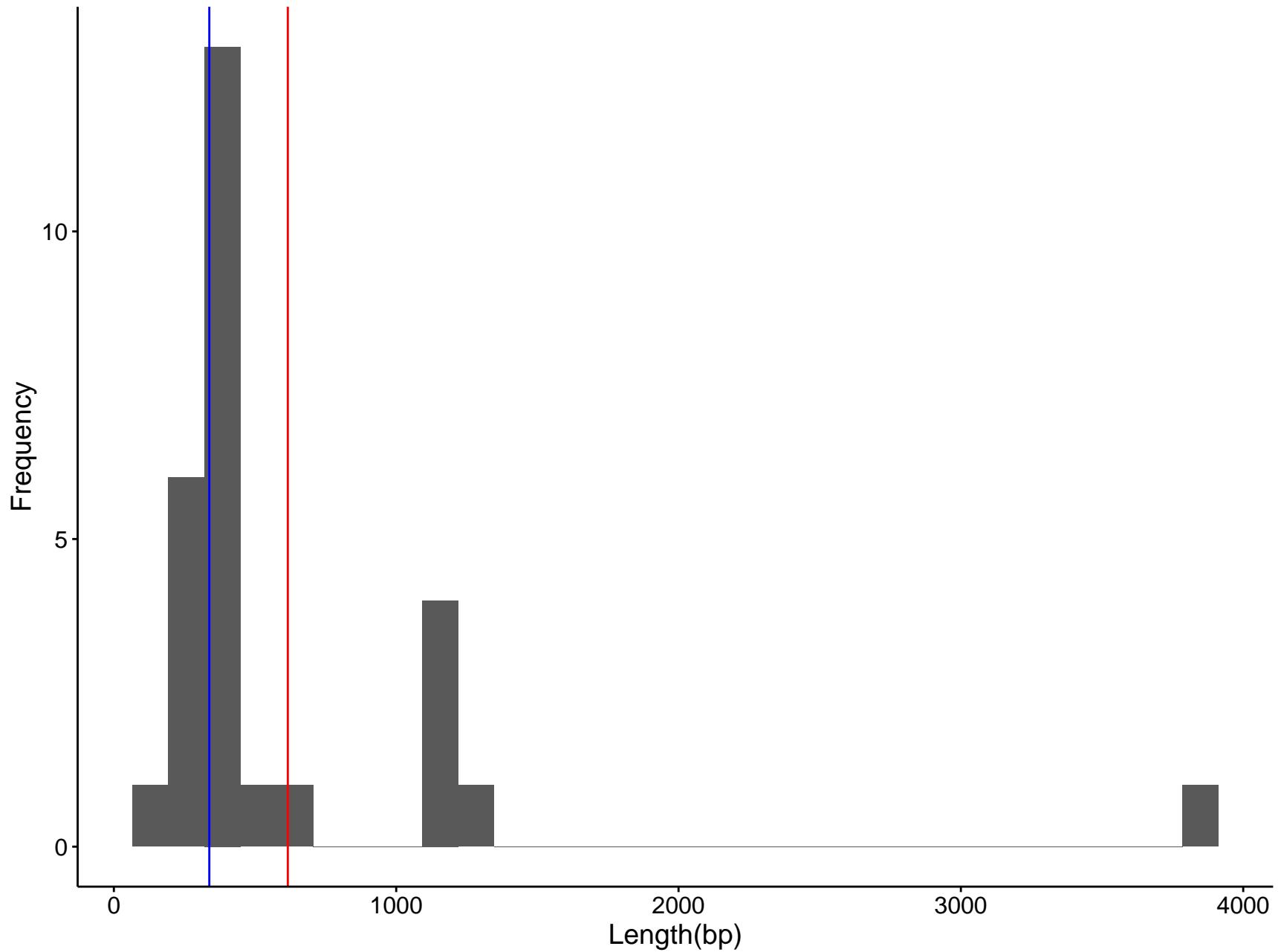
Cluster2252



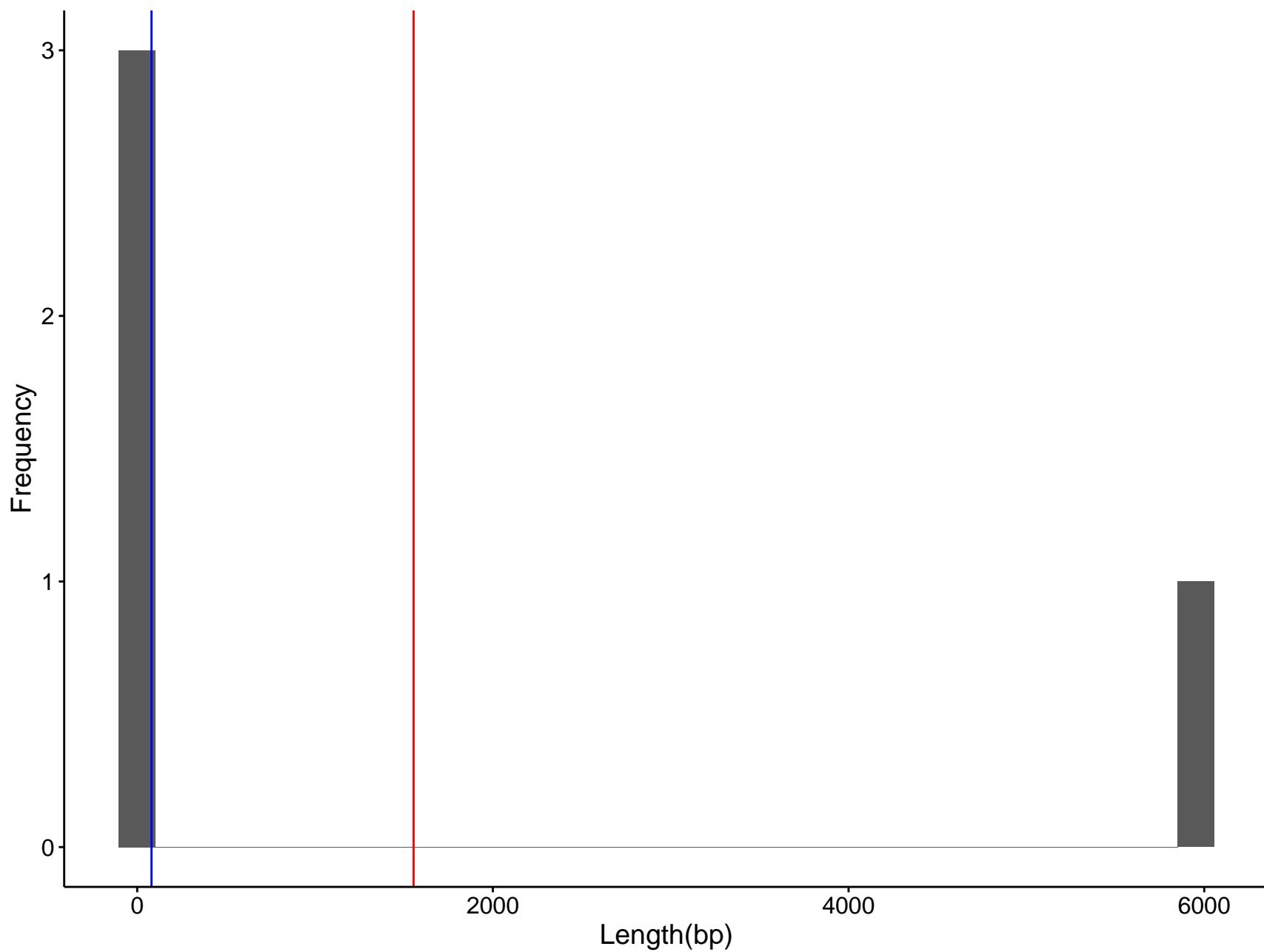
Cluster2253



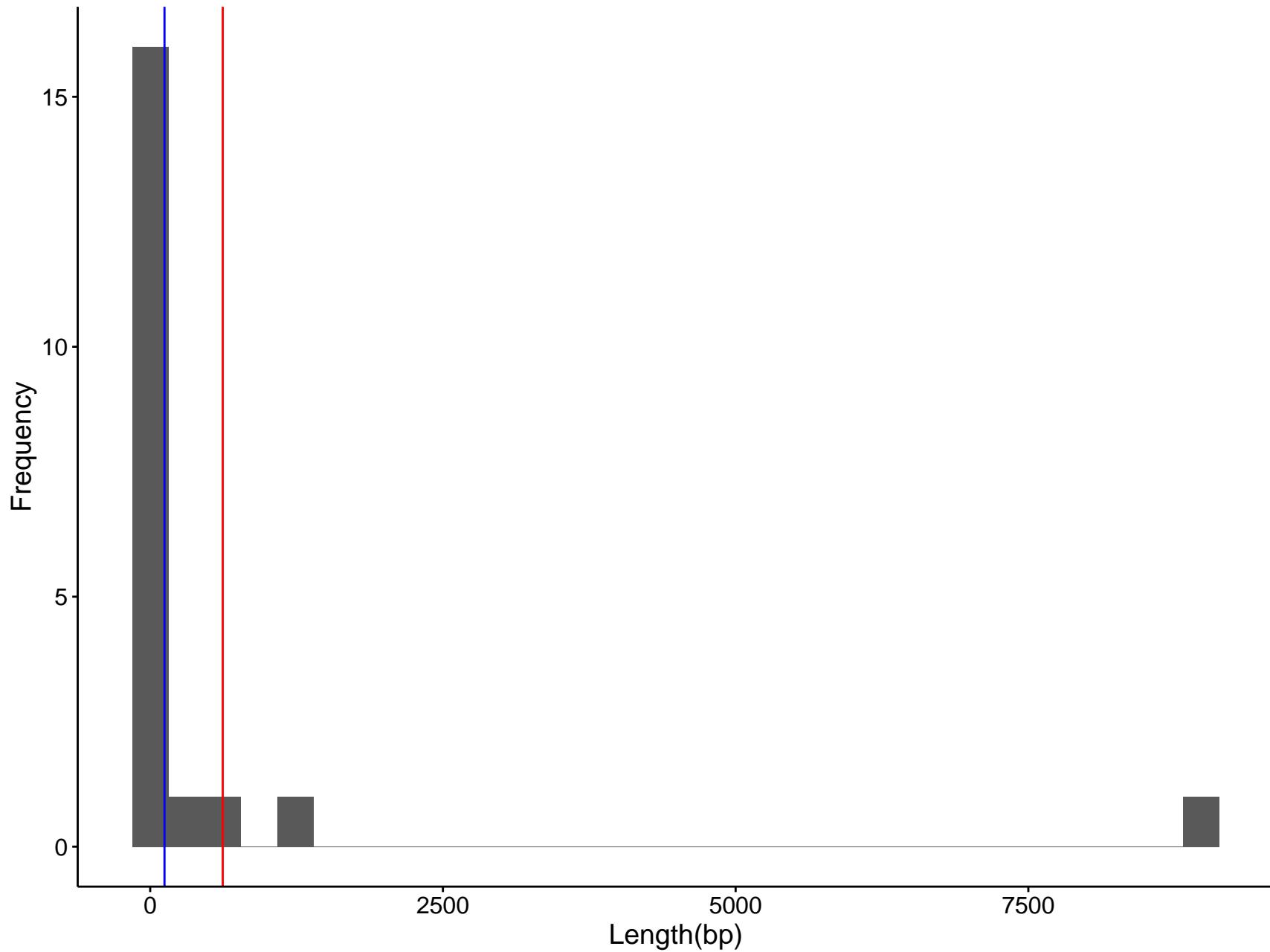
Cluster2255



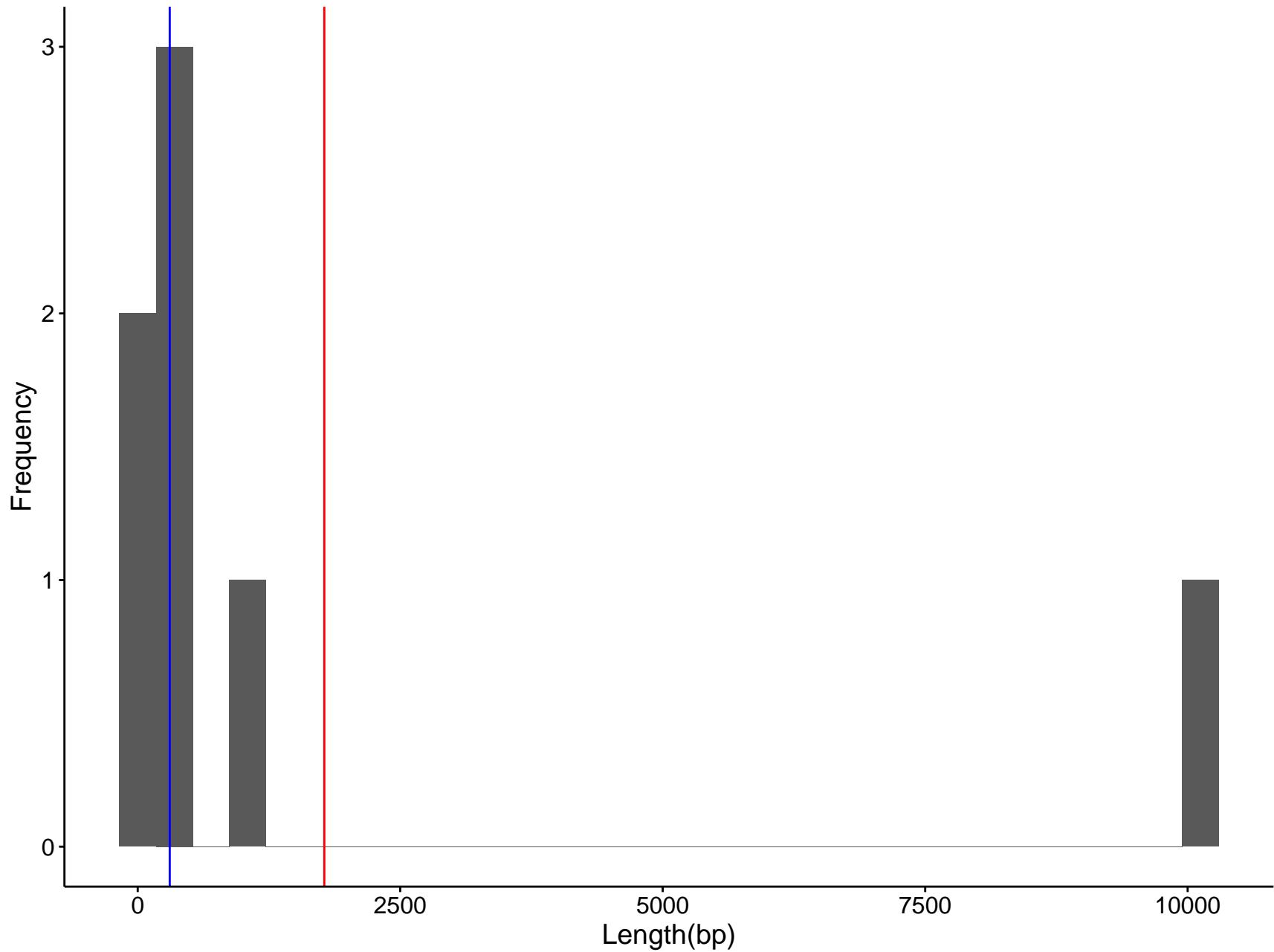
Cluster2256



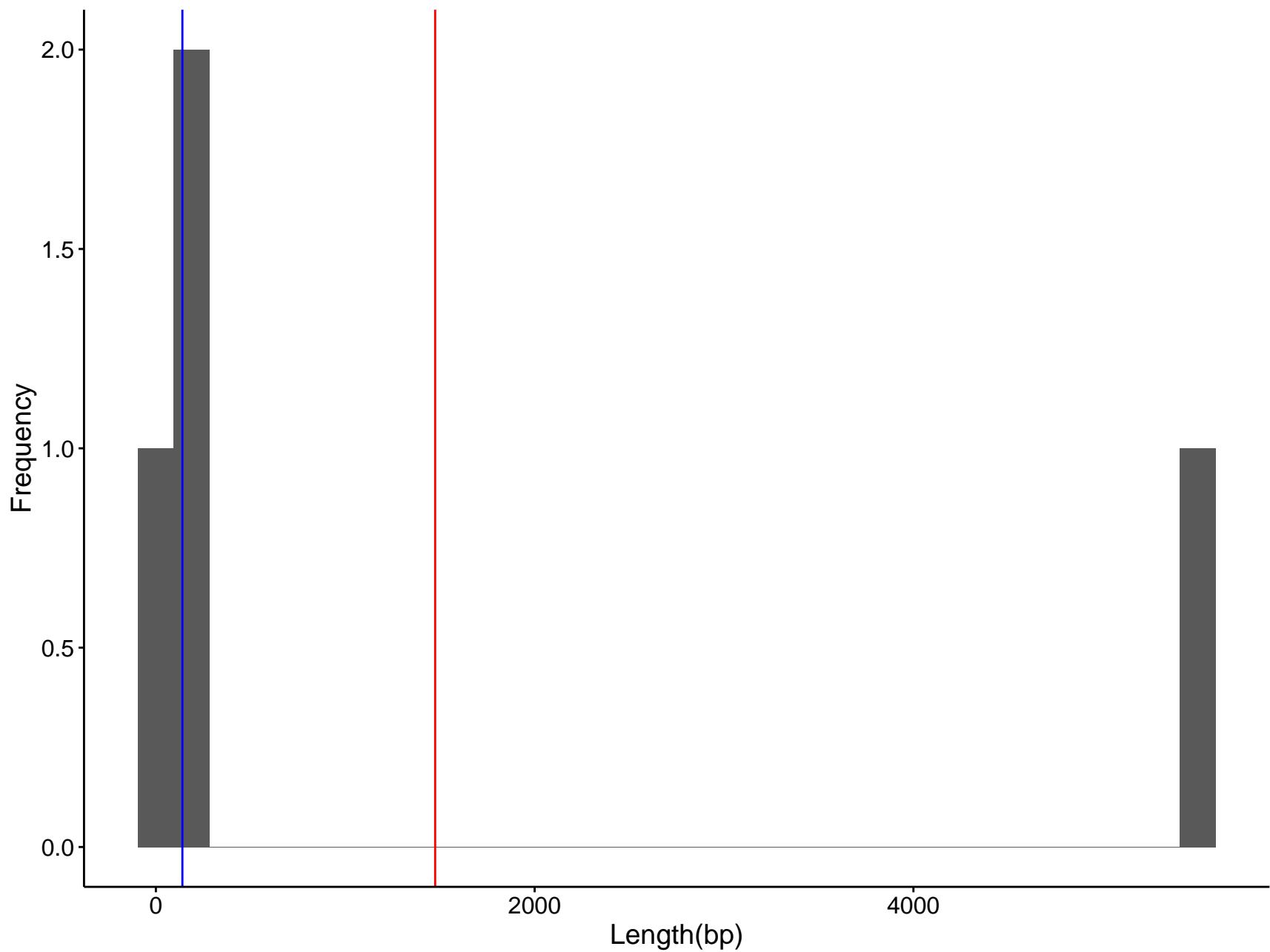
Cluster2257



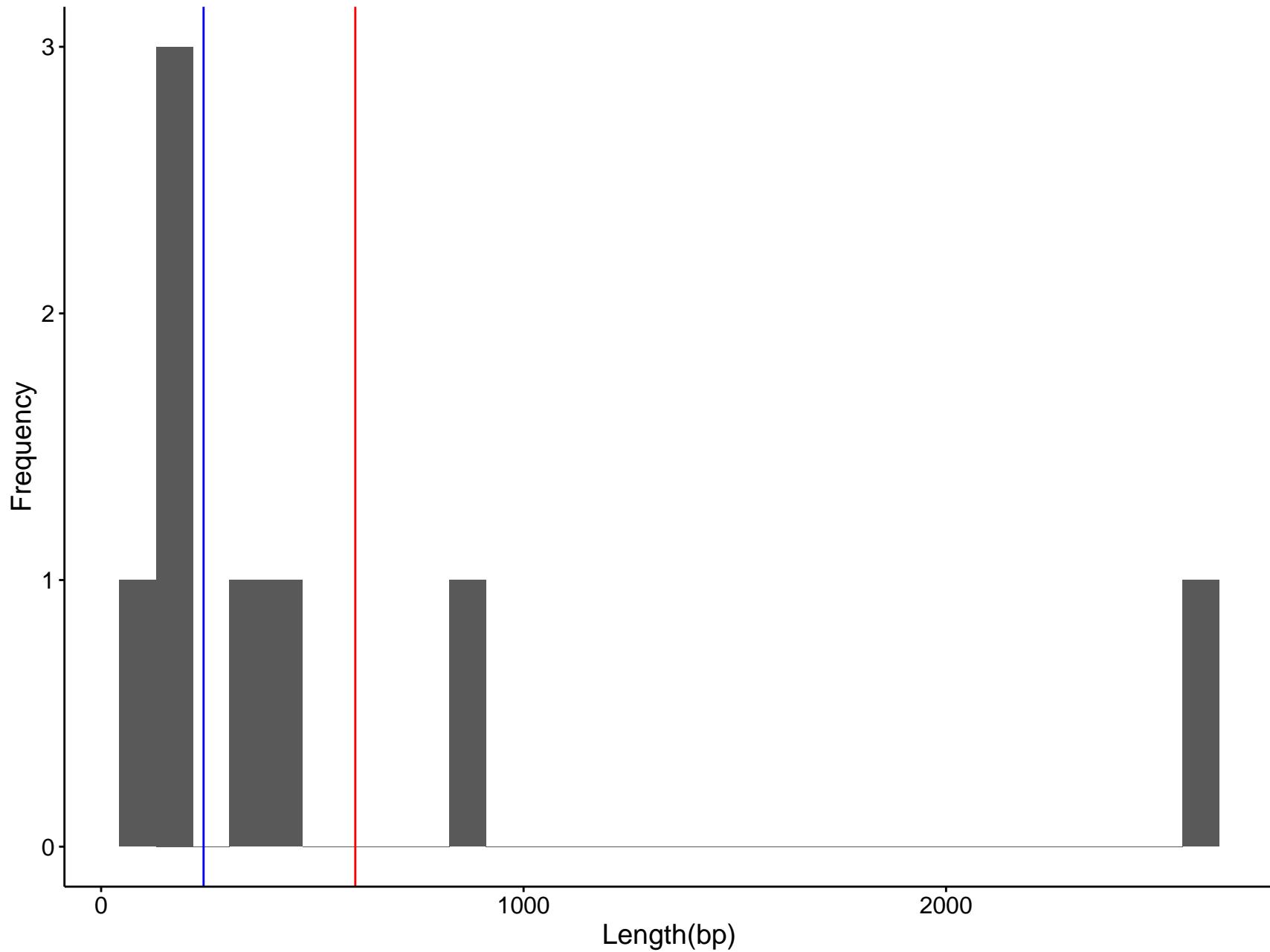
Cluster2258



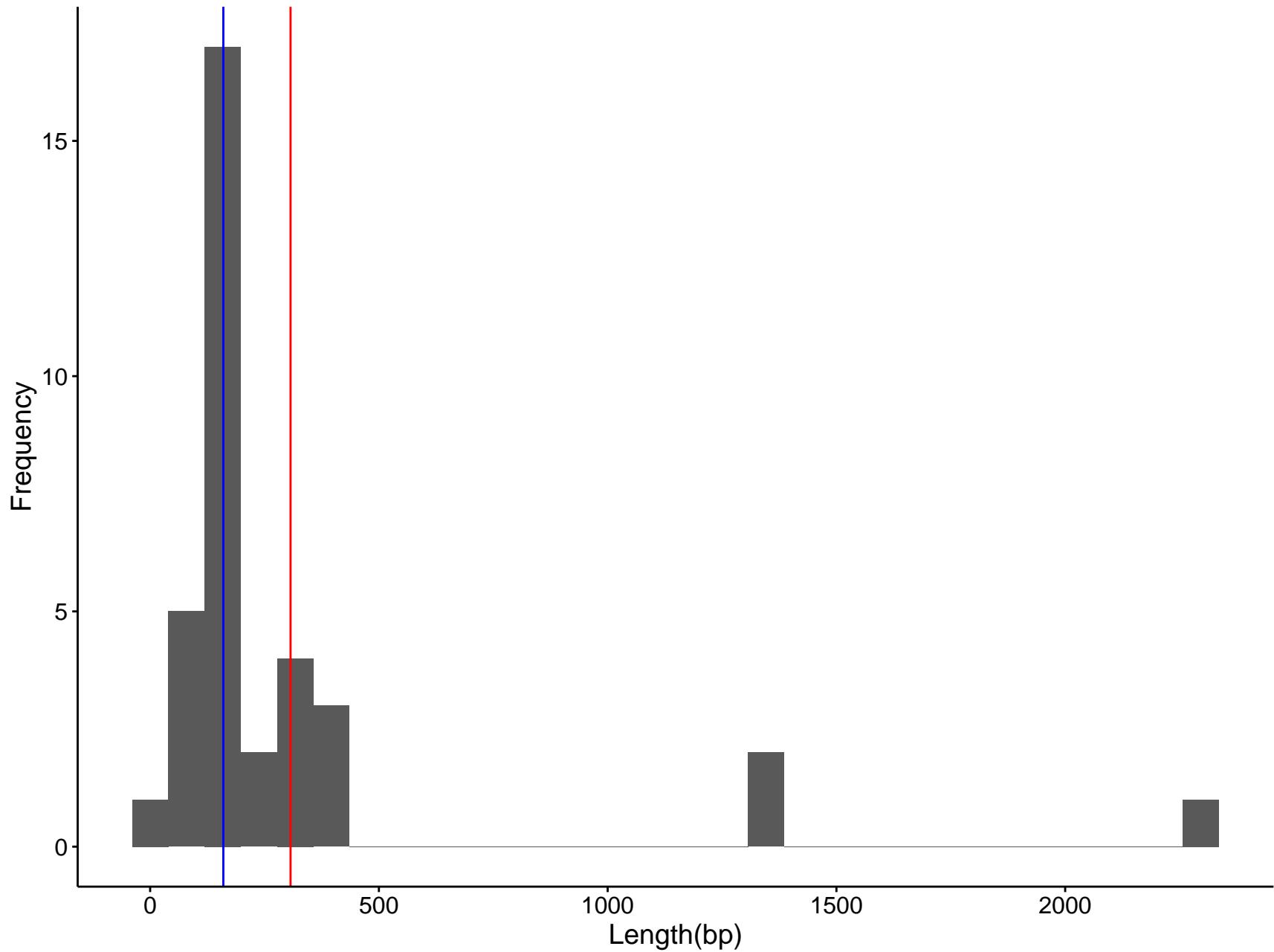
Cluster2259



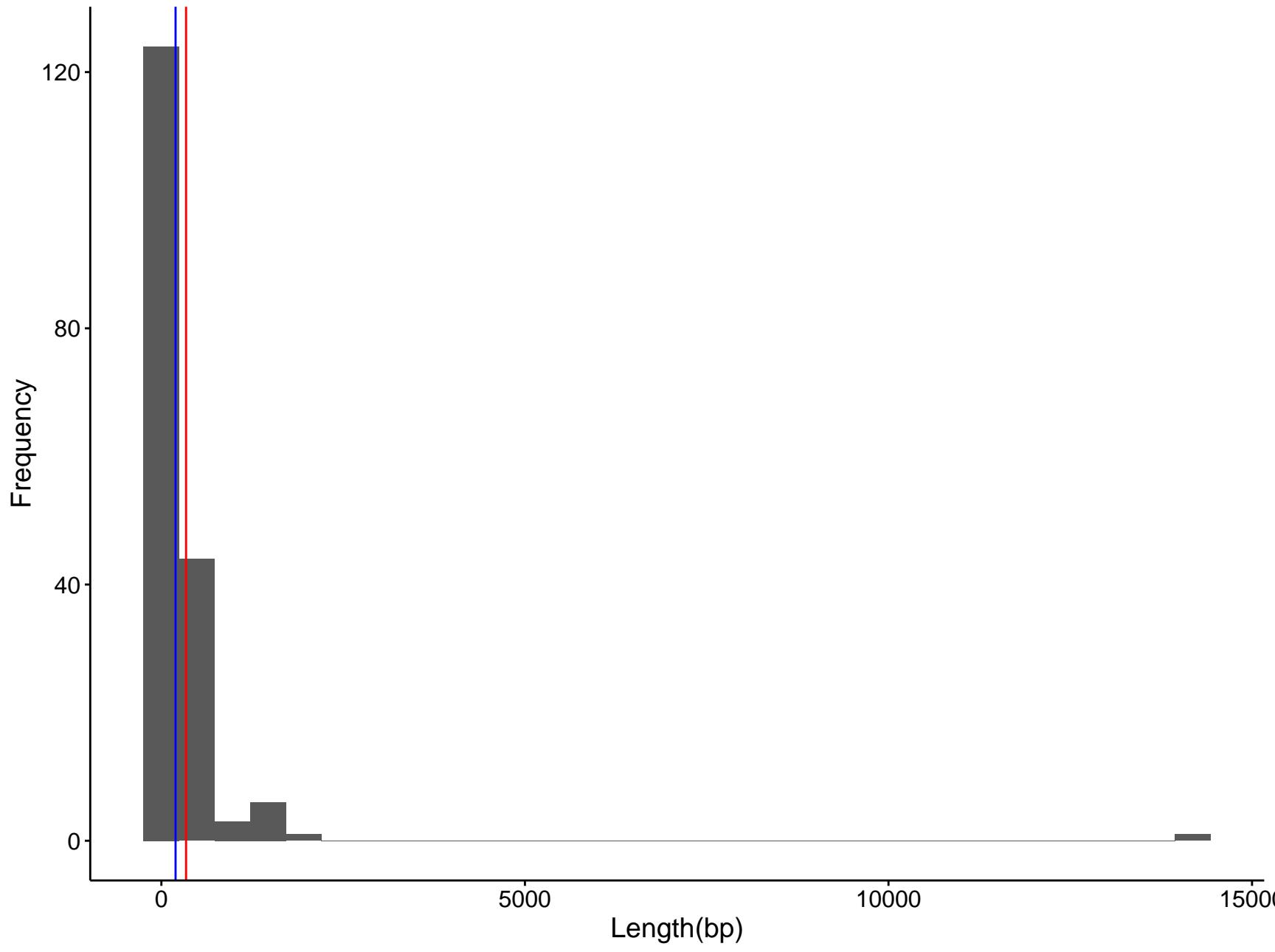
Cluster2260



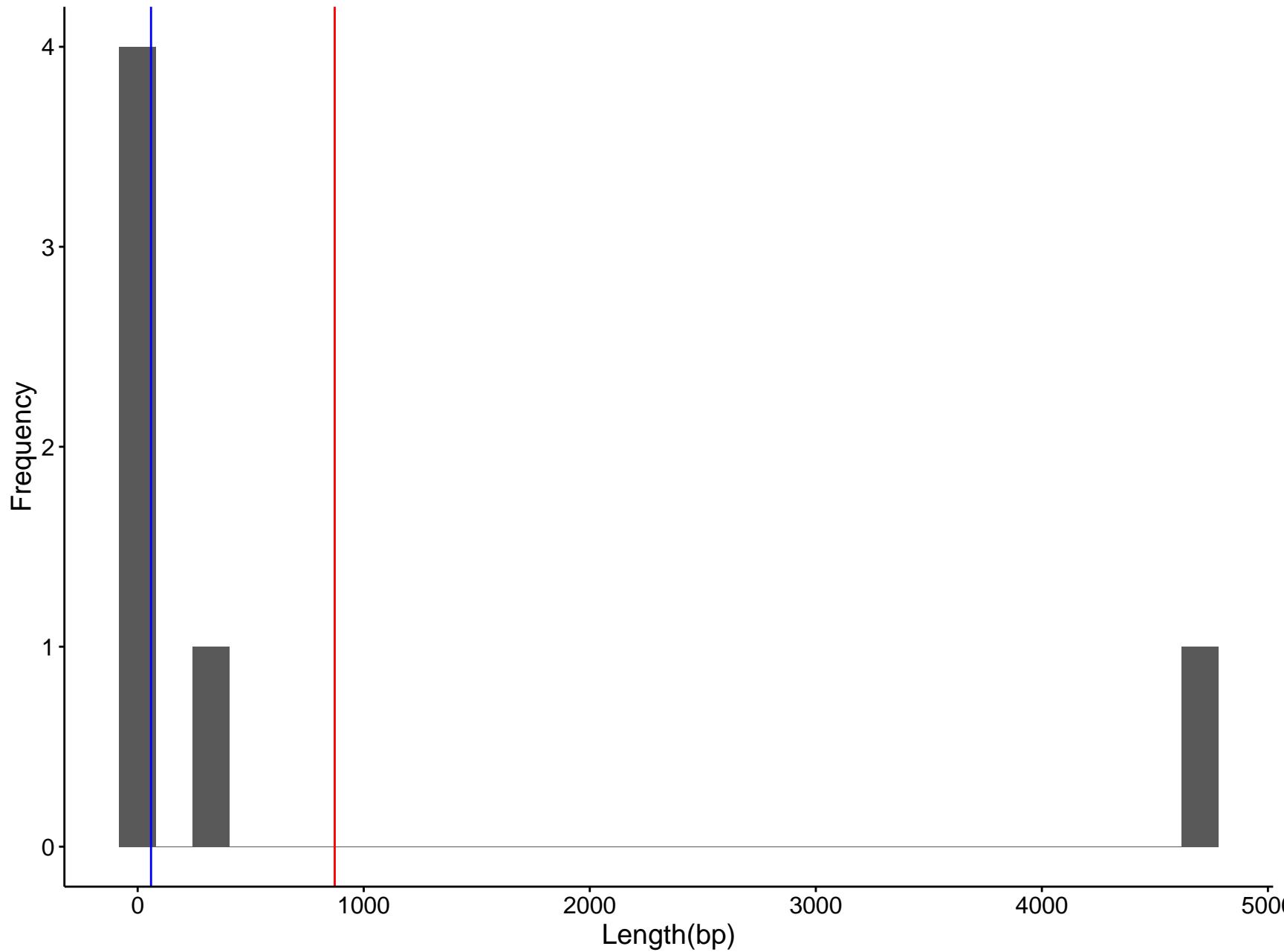
Cluster2261



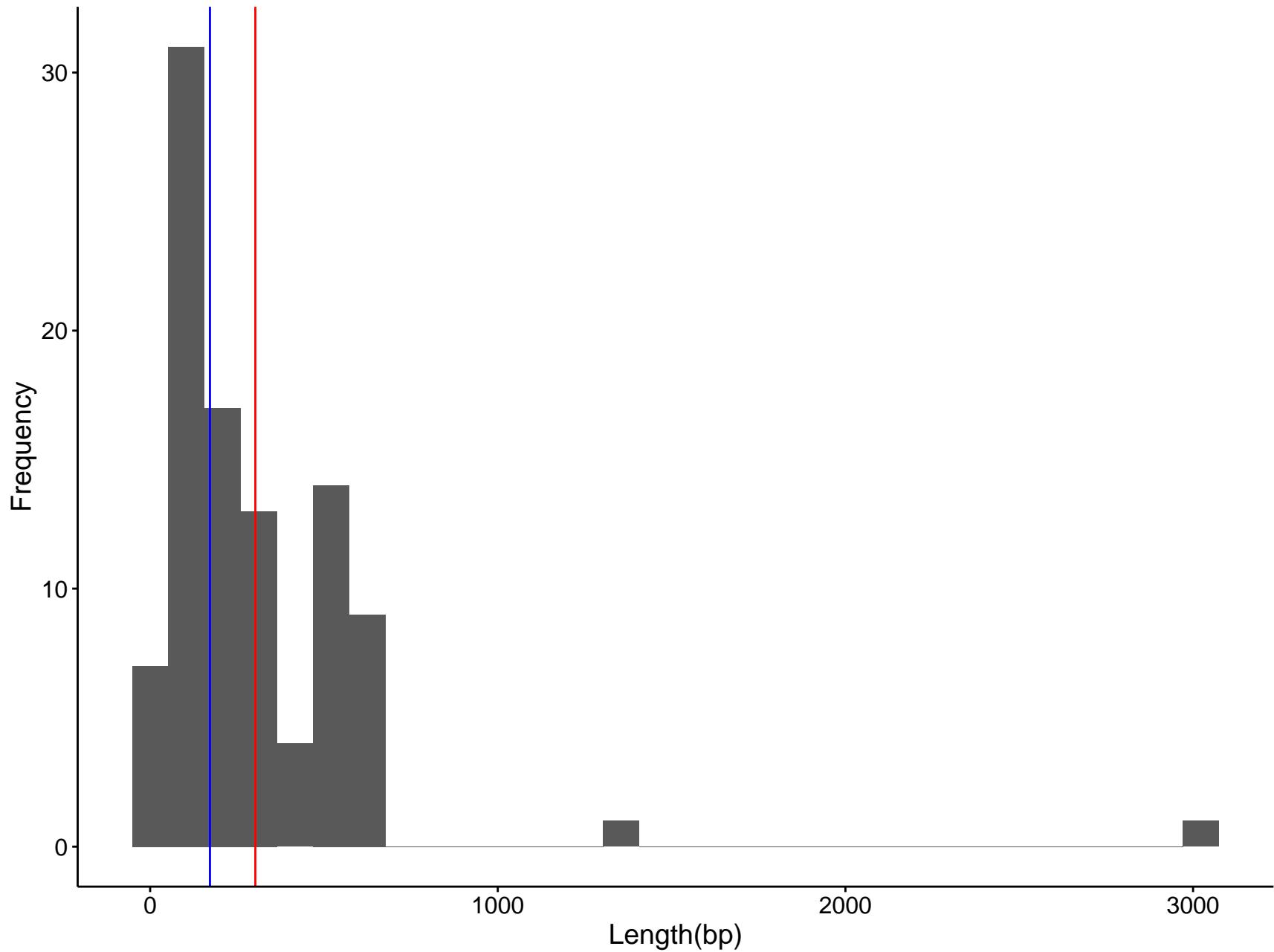
Cluster2262



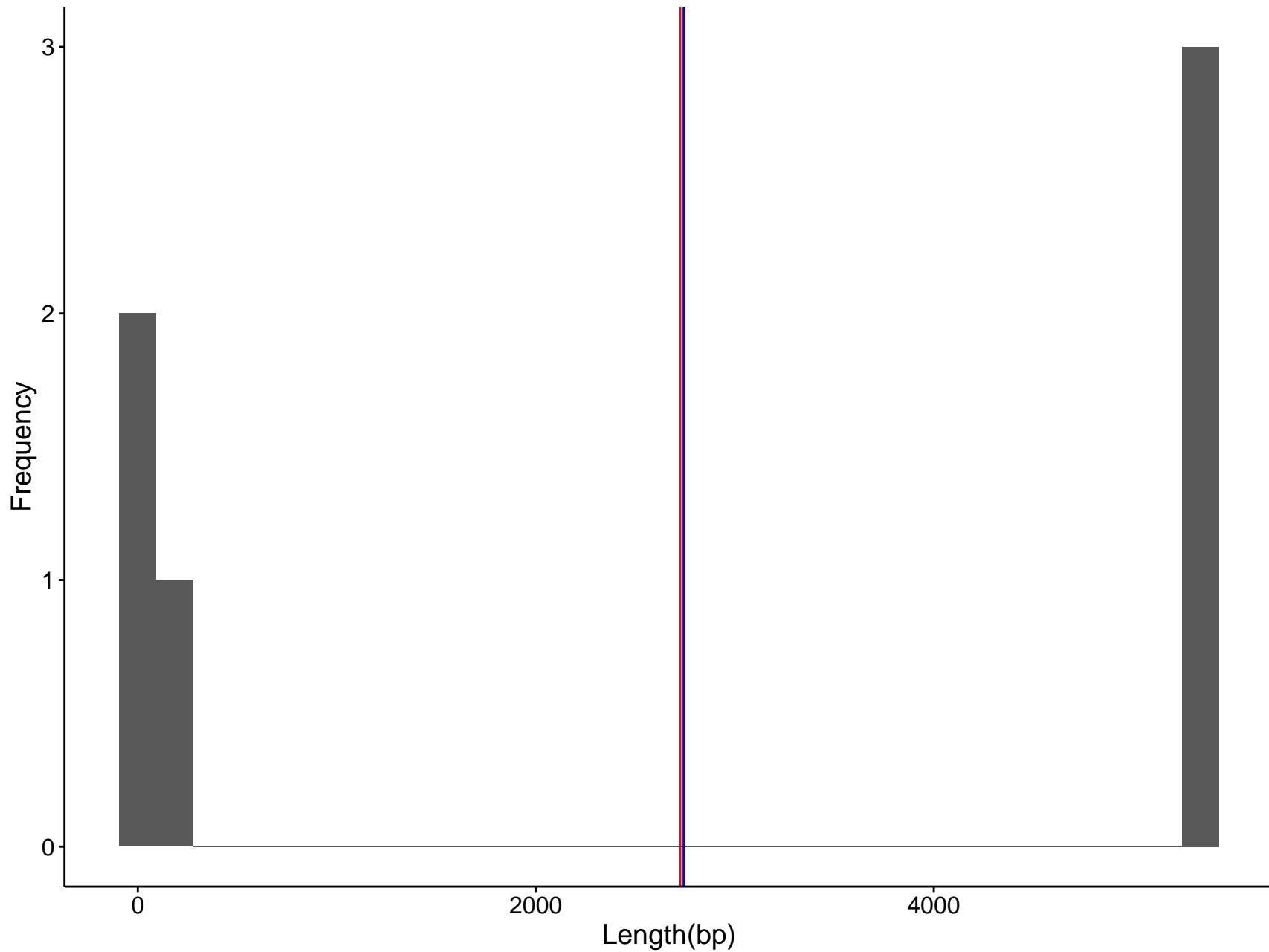
Cluster2263



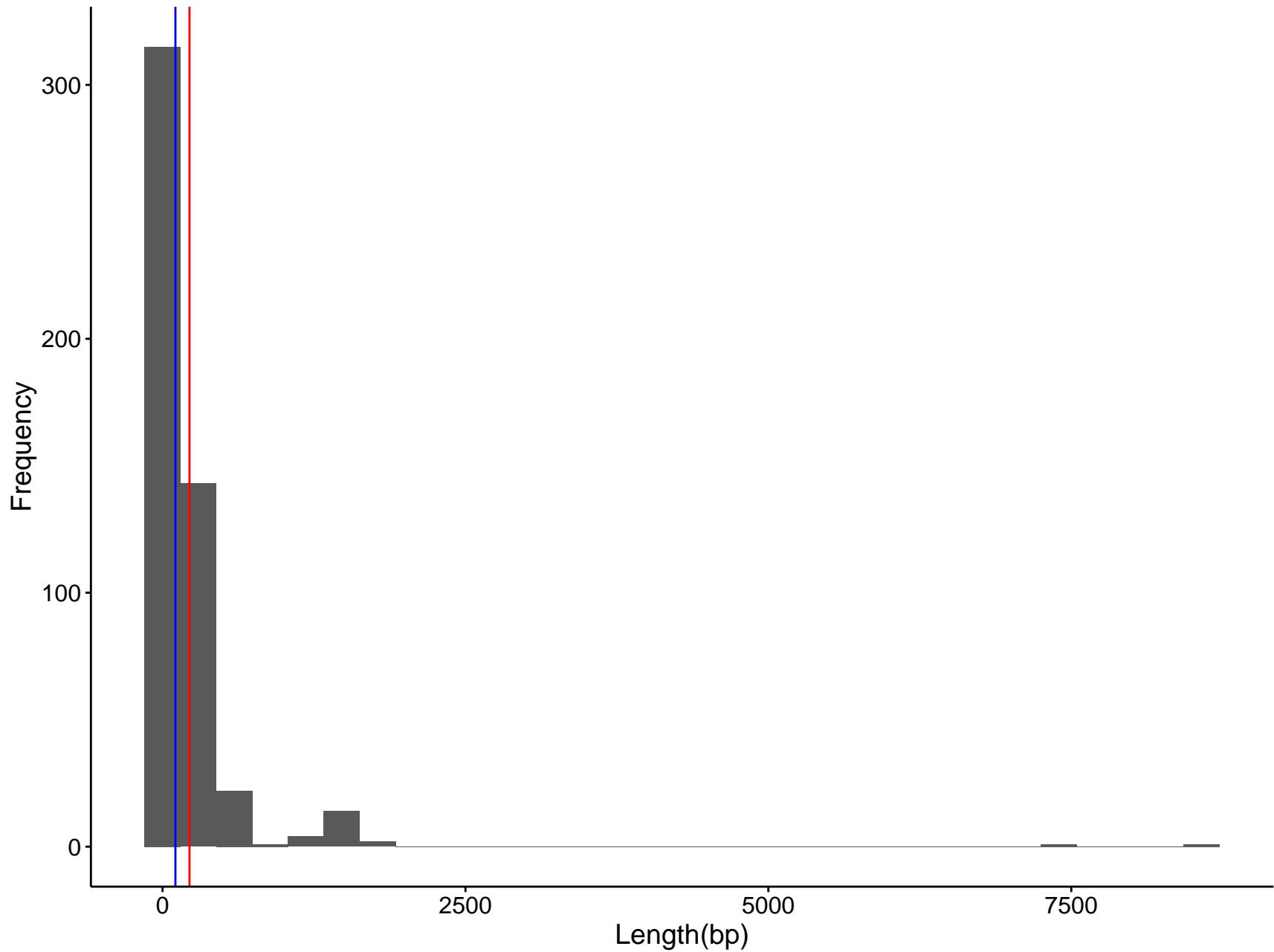
Cluster2265



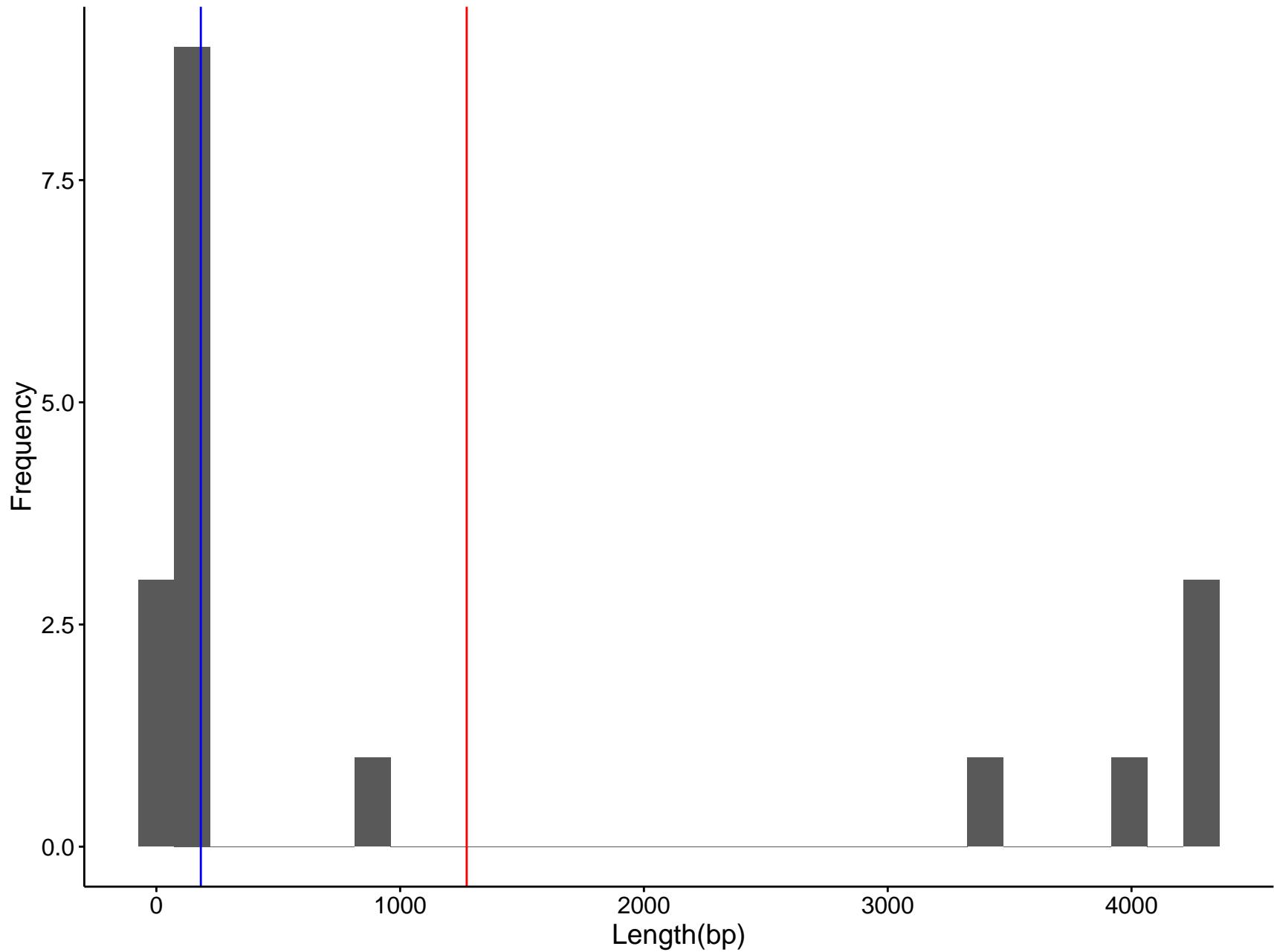
Cluster2266



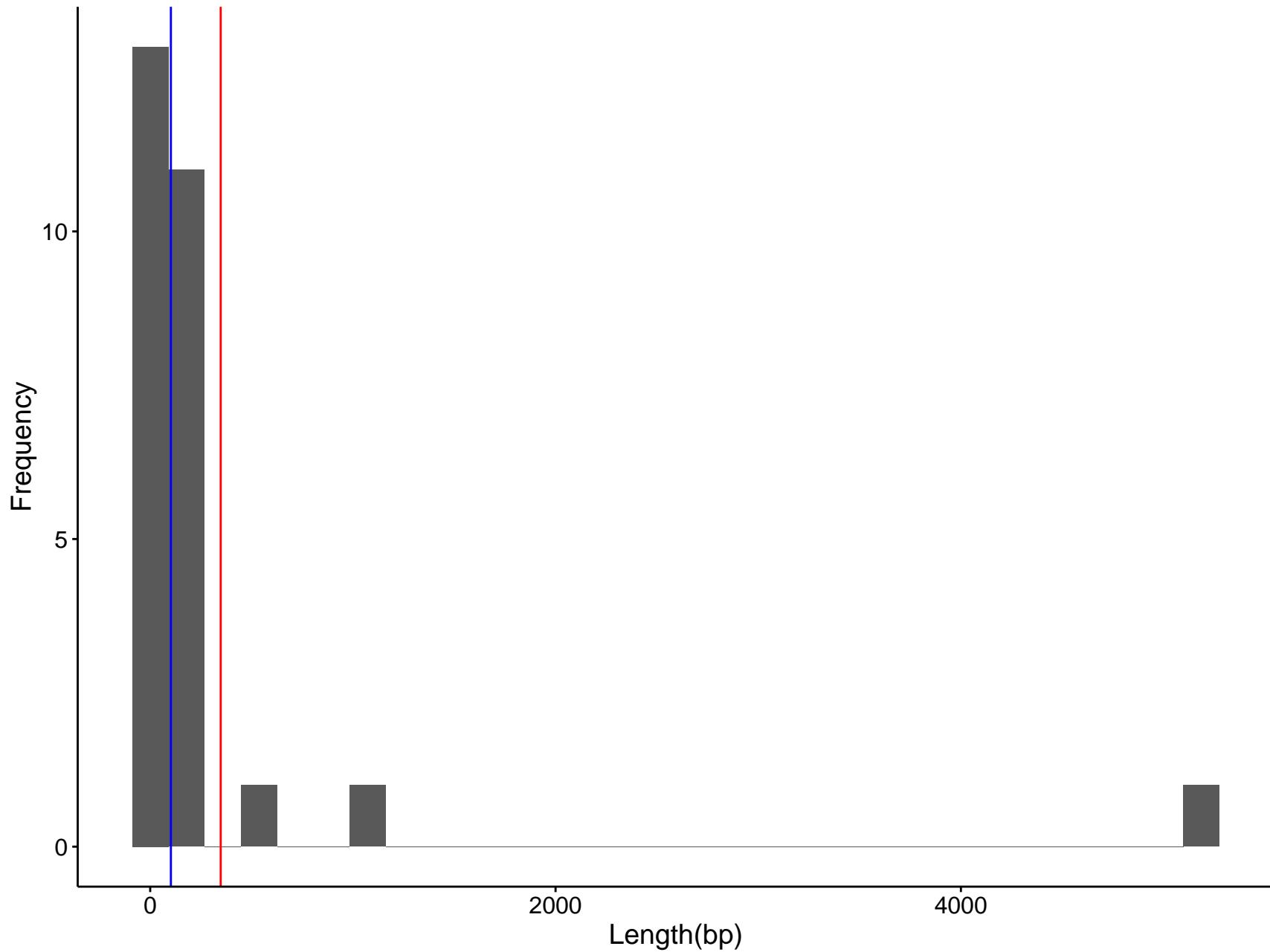
Cluster2267



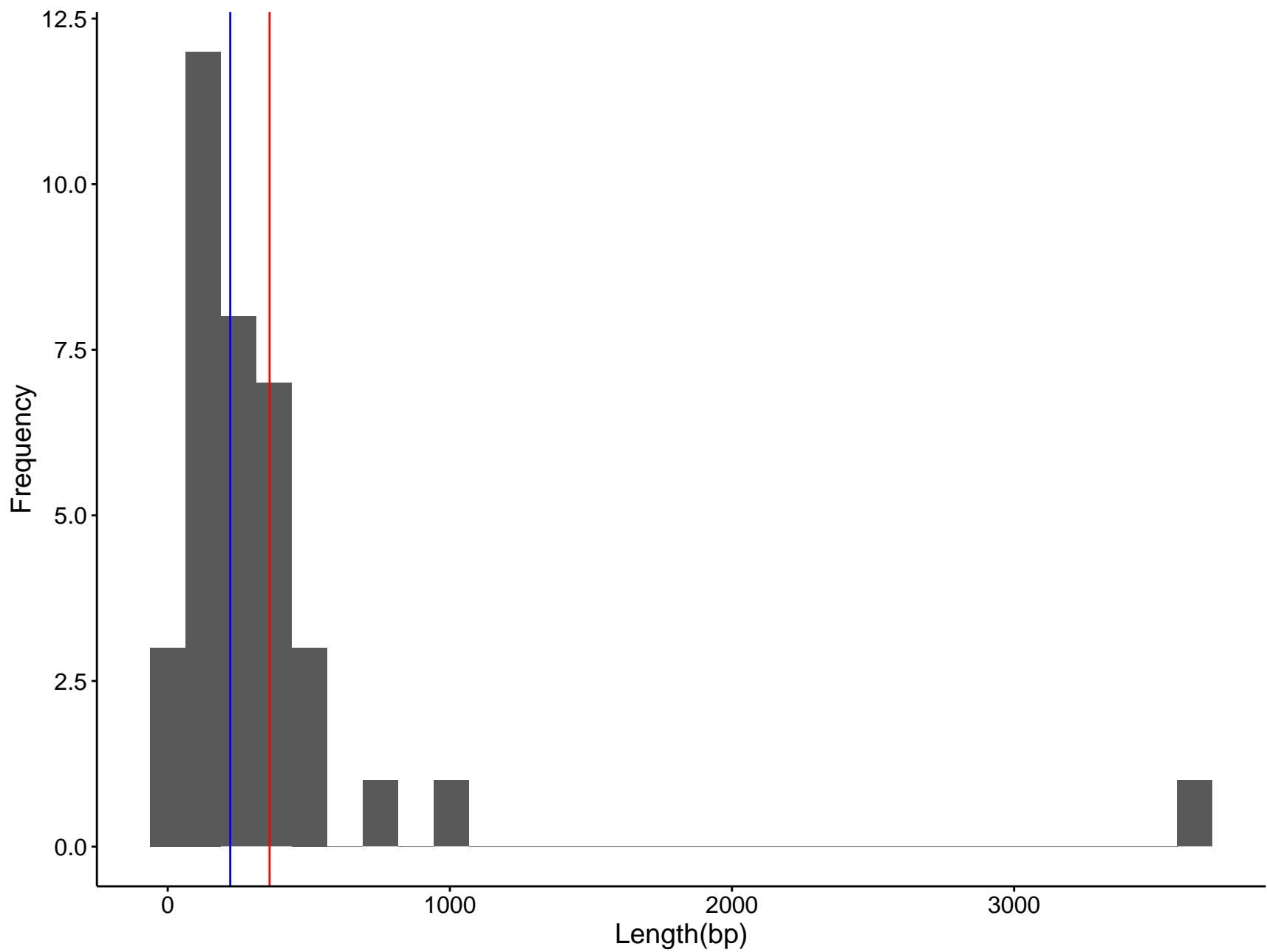
Cluster2269



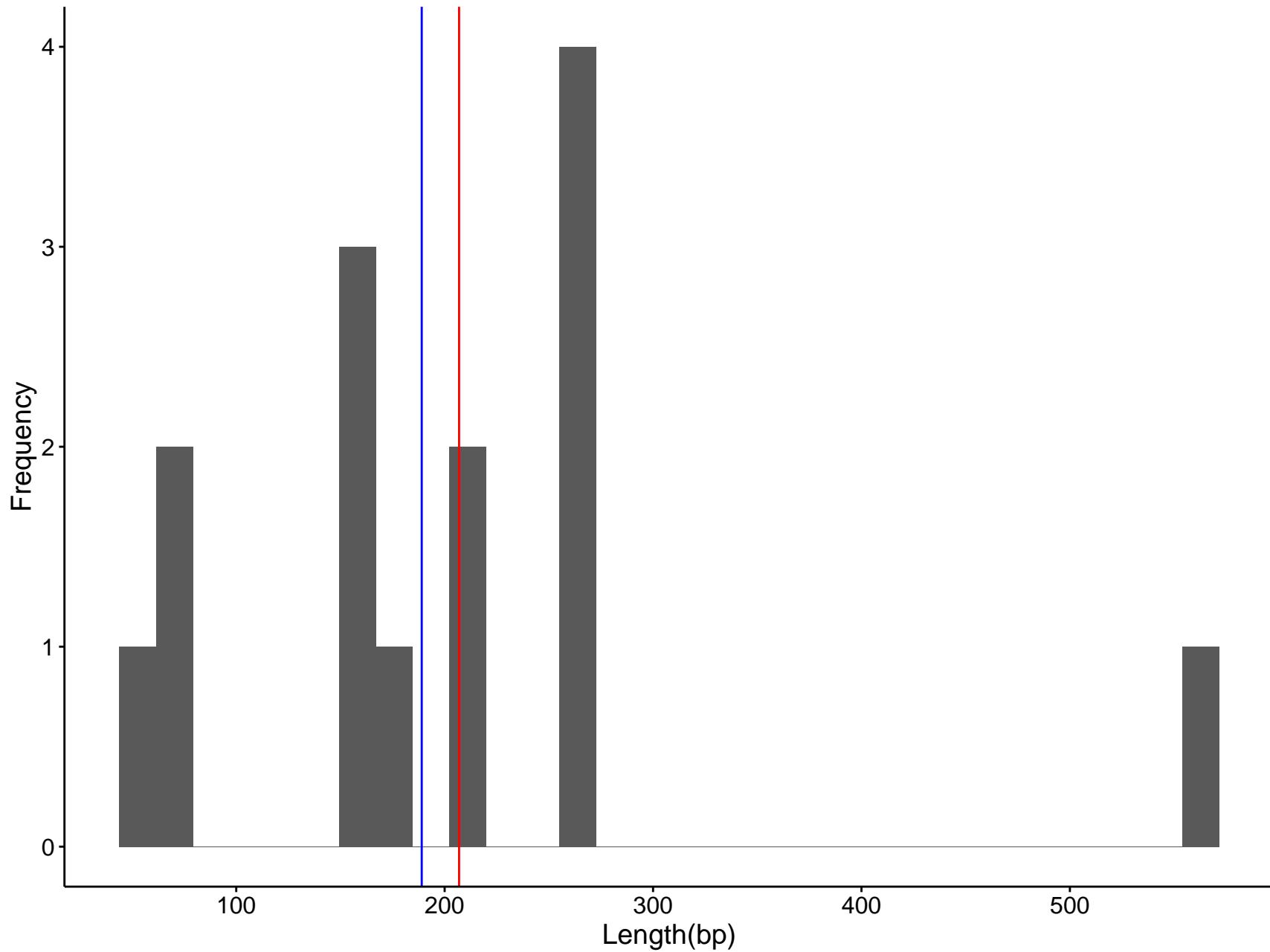
Cluster2270



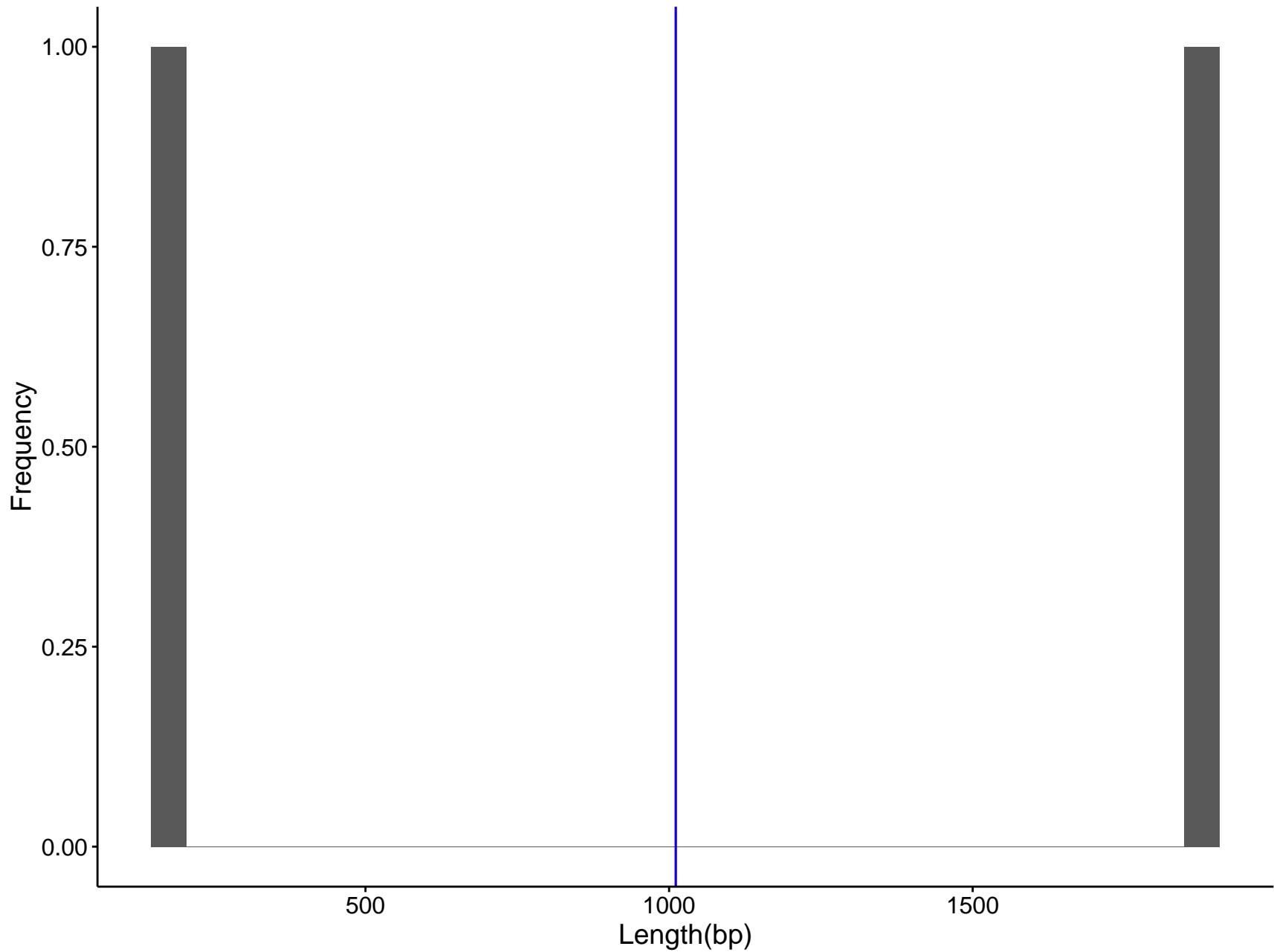
Cluster2271



Cluster2273



Cluster2274



Cluster2275

Frequency

516.950

516.975

517.000

517.025

Length(bp)



Cluster2276

Frequency

906.950

906.975

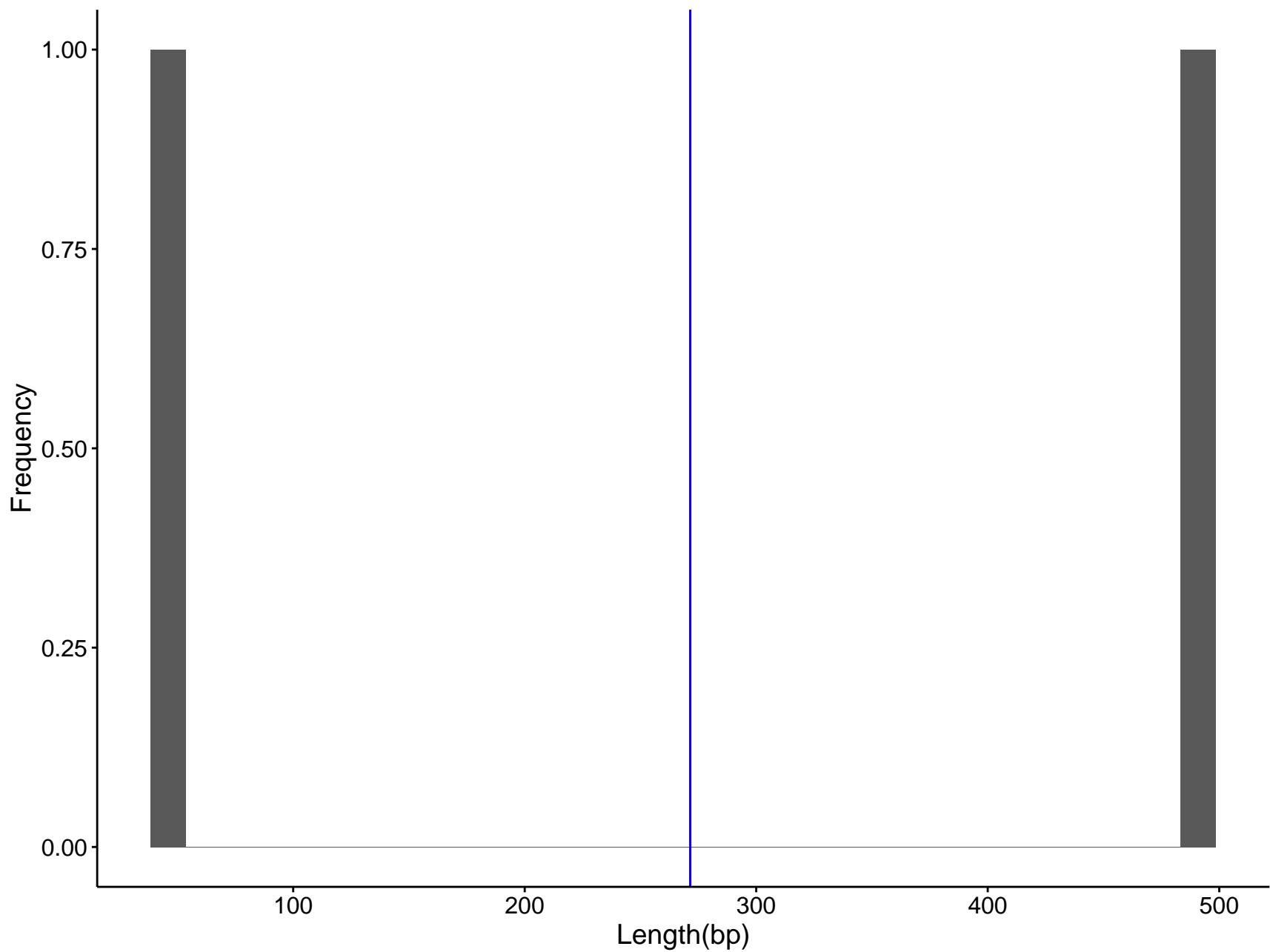
907.000

907.025

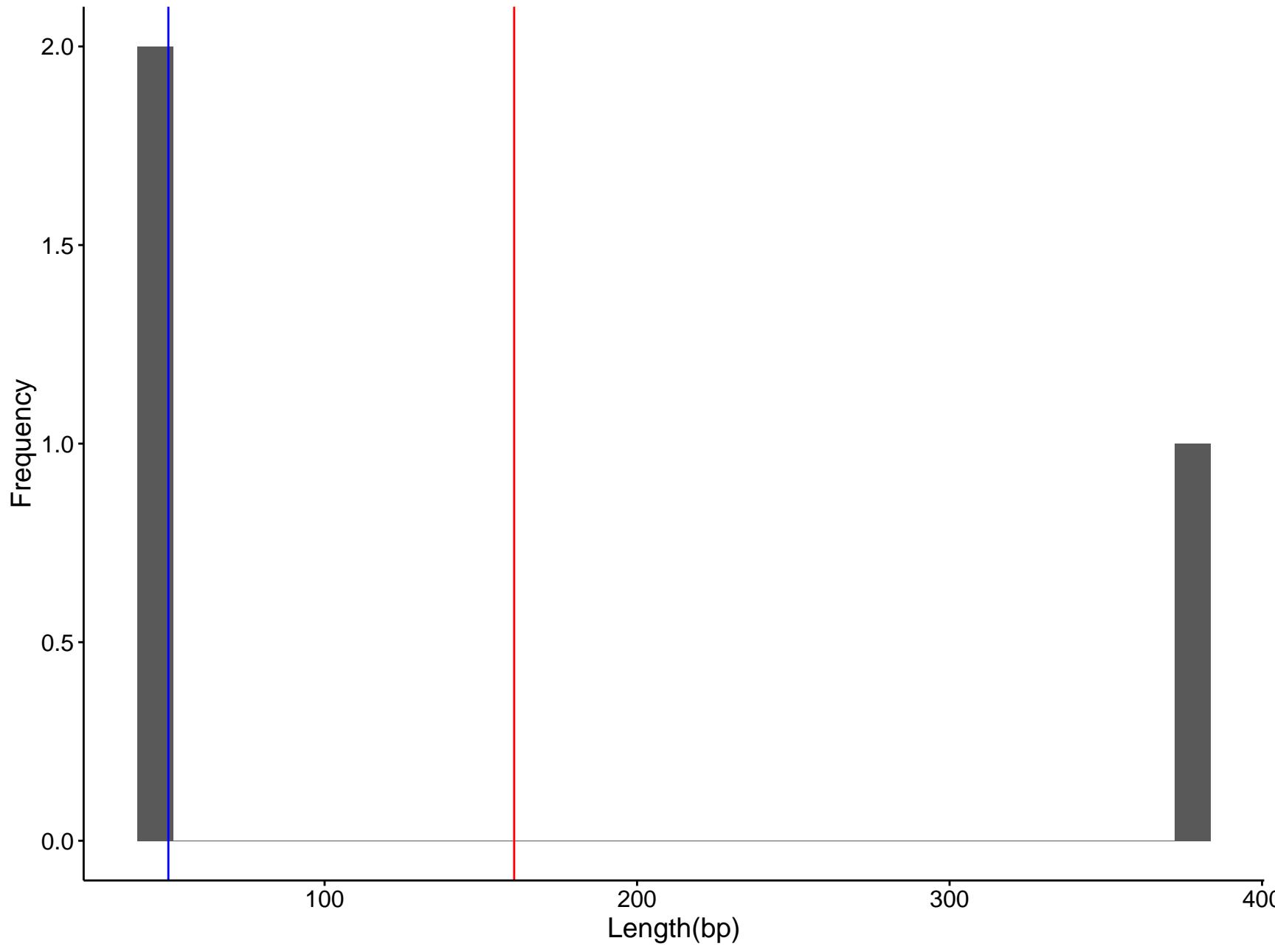
Length(bp)



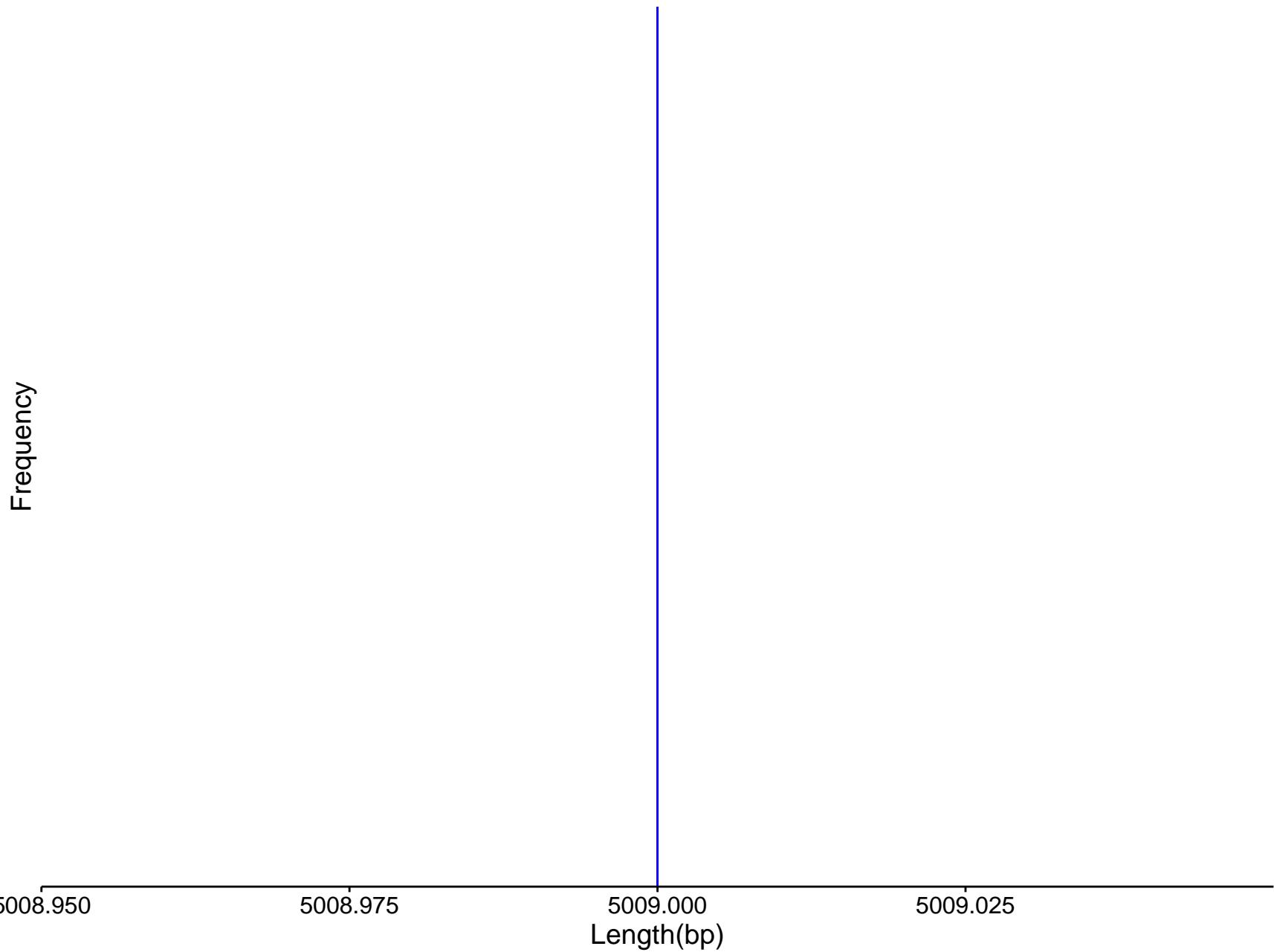
Cluster2277



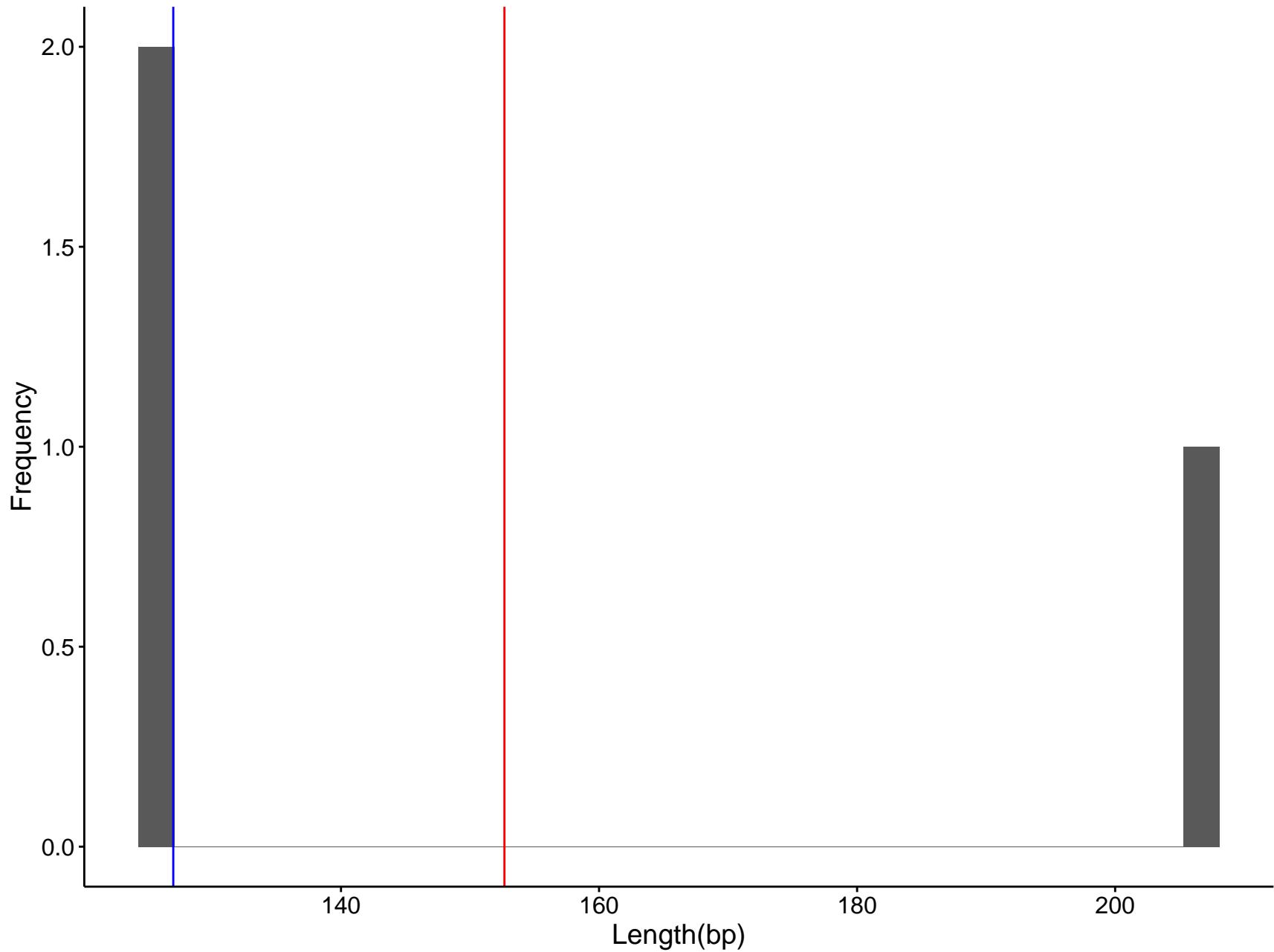
Cluster2278



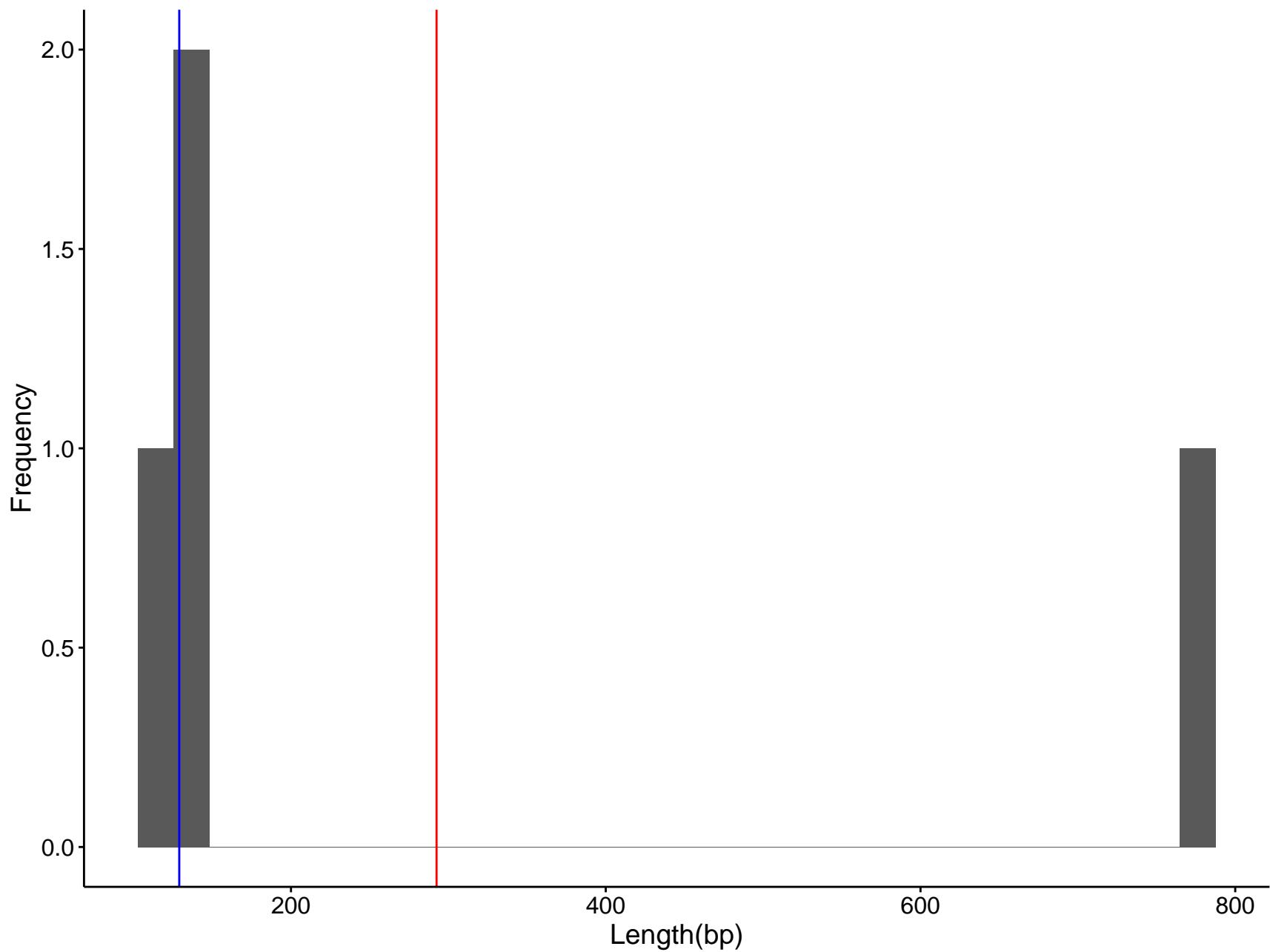
Cluster2280



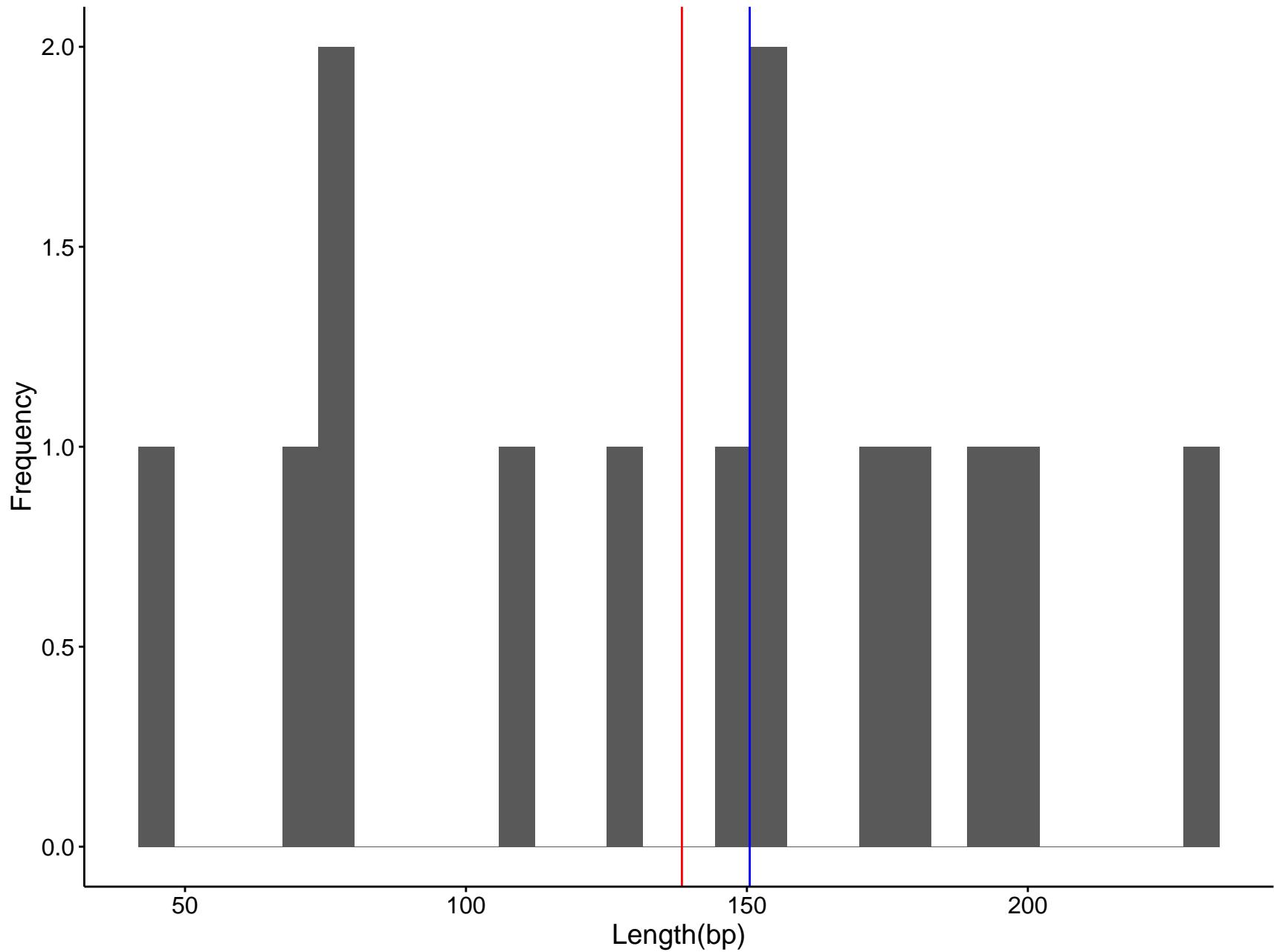
Cluster2283



Cluster2289



Cluster228



Cluster2290

Frequency

1491.950

1491.975

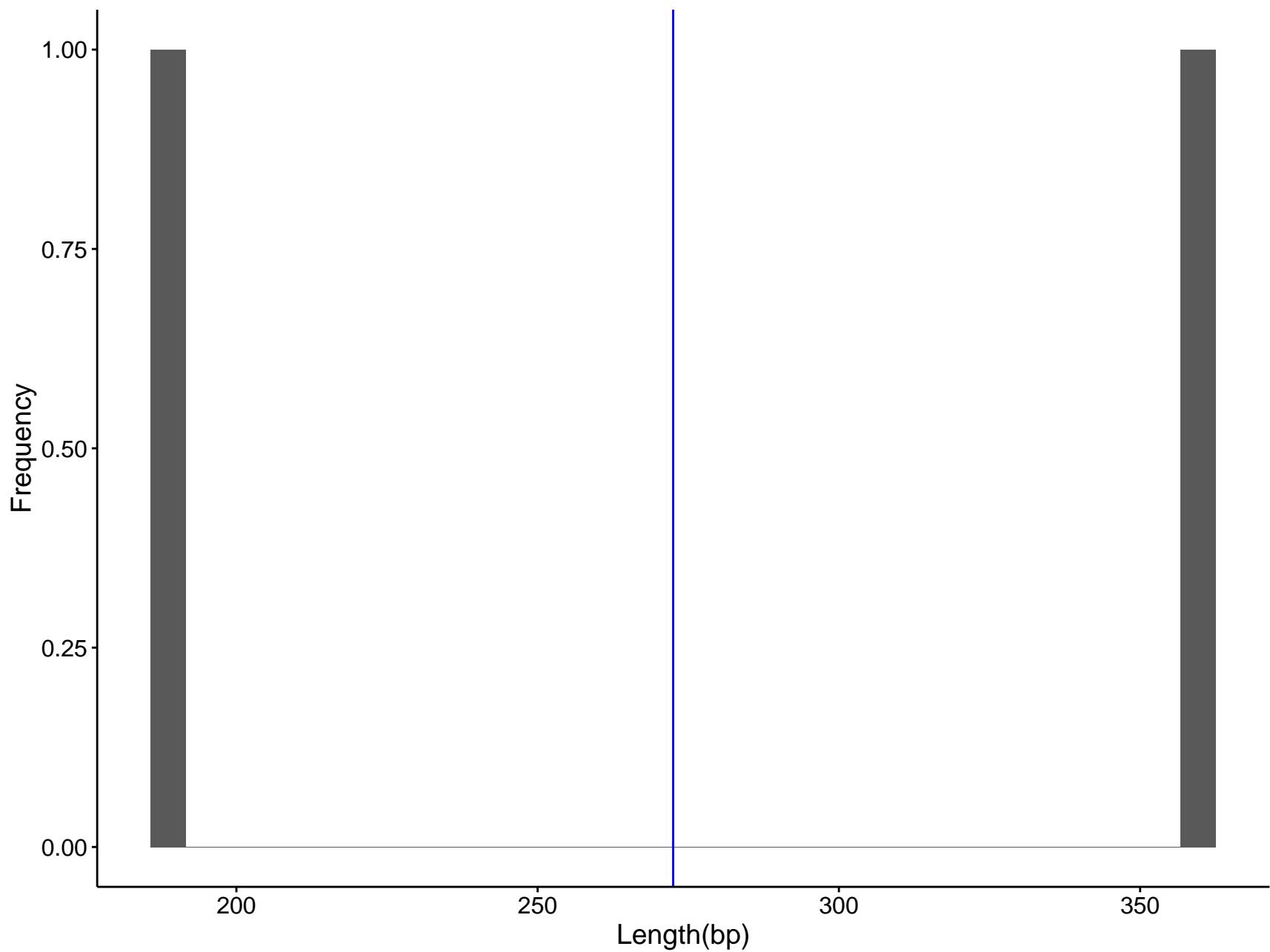
1492.000
Length(bp)

1492.025

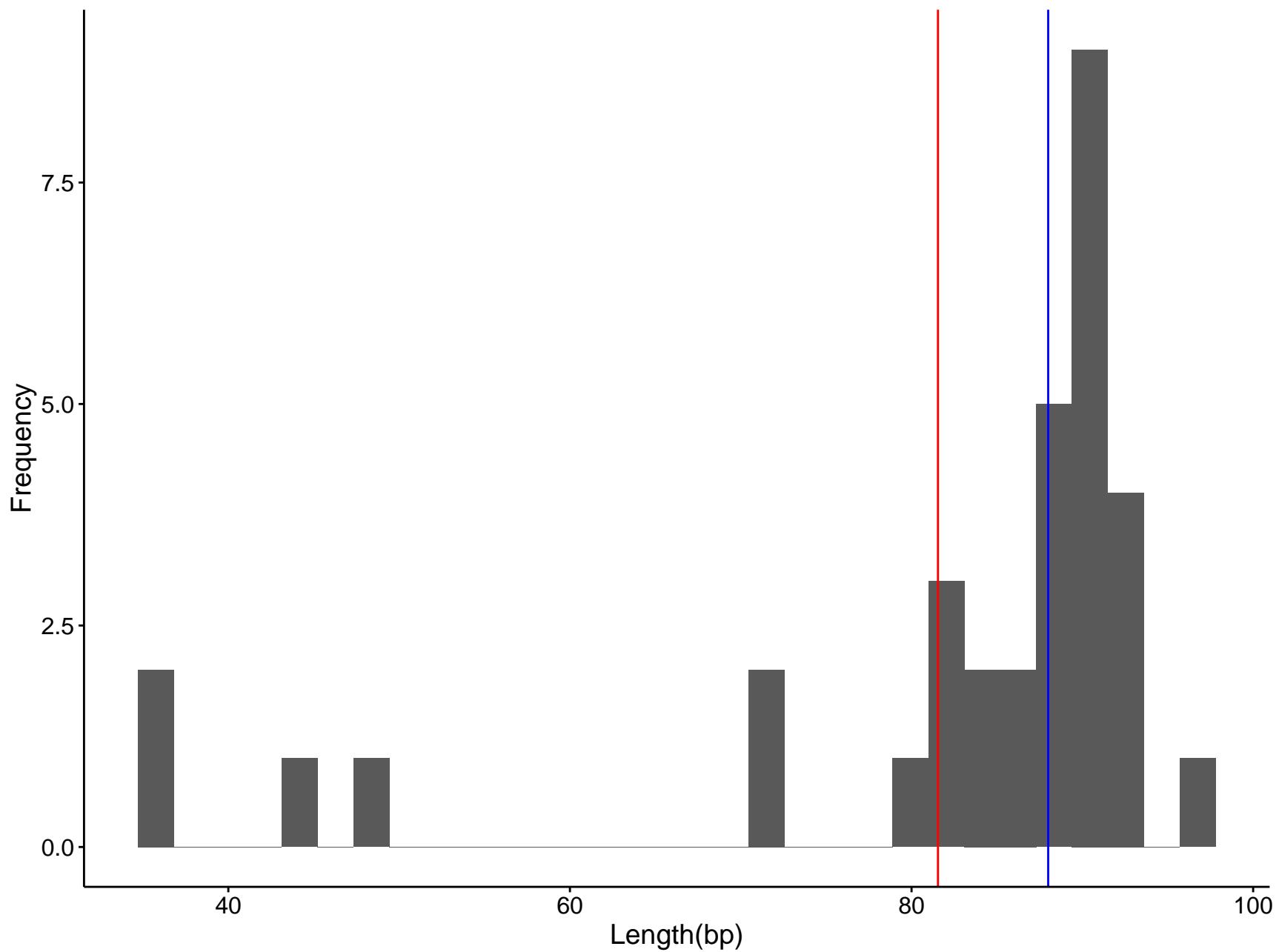
1492.



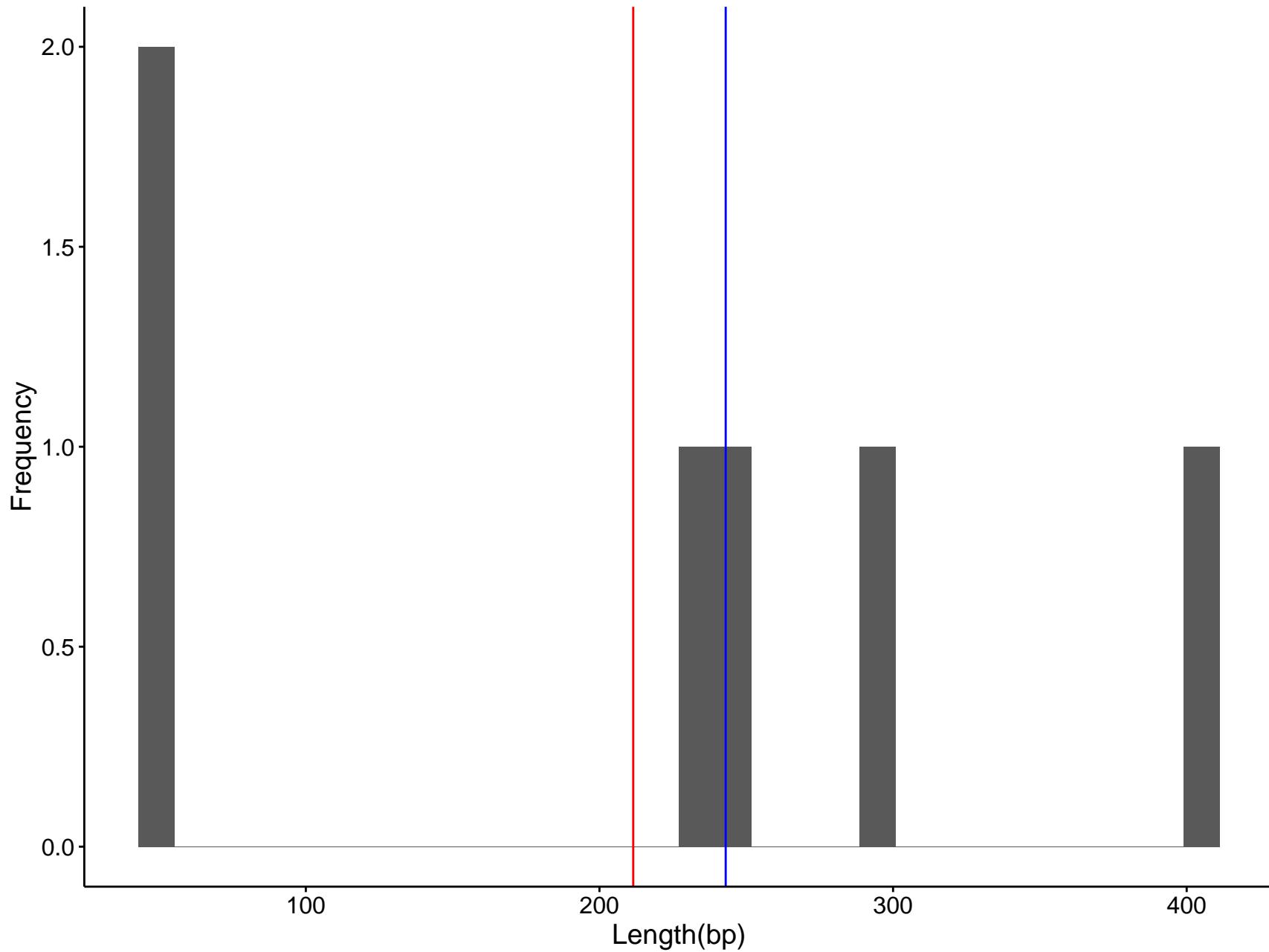
Cluster2293



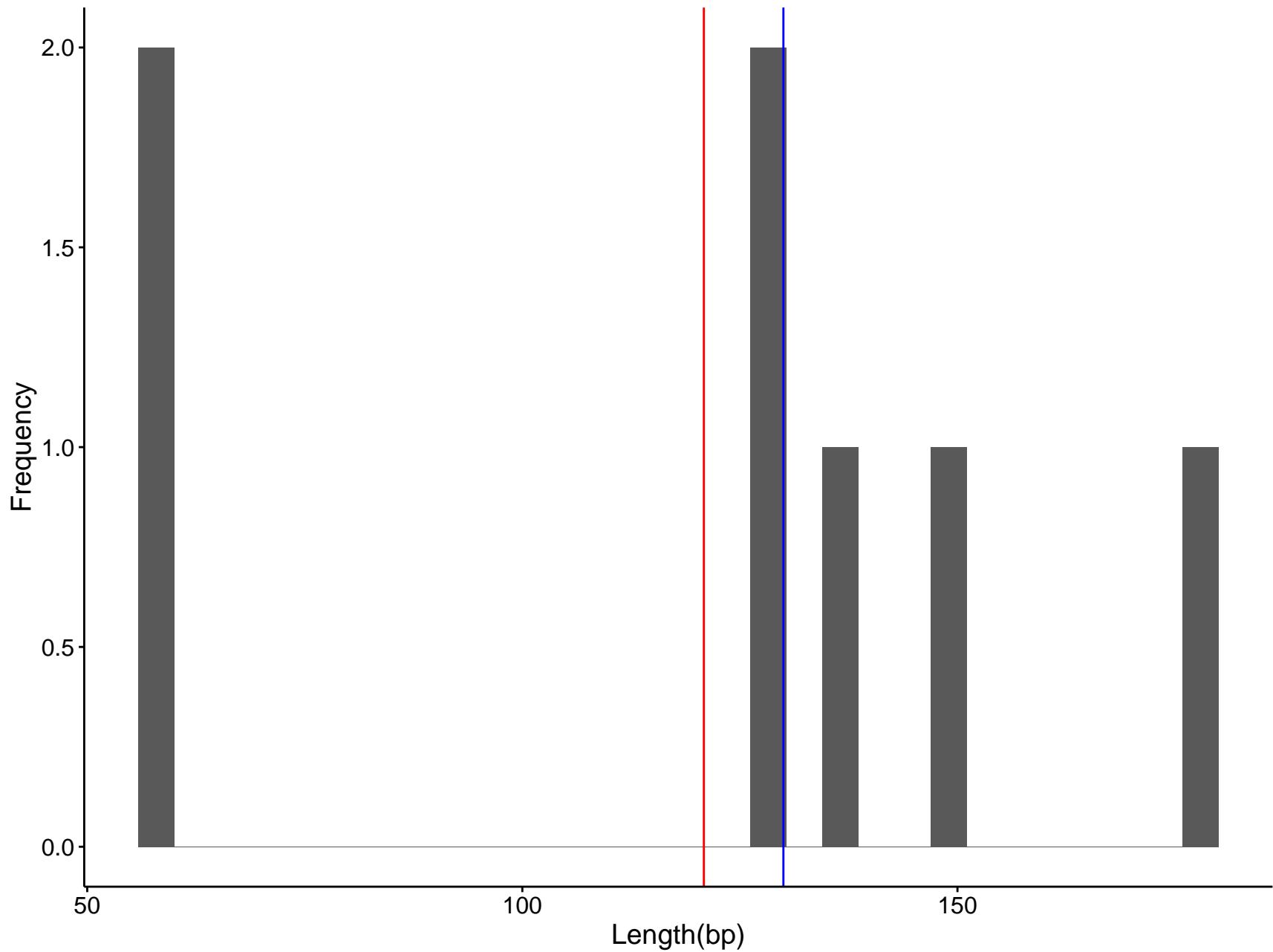
Cluster2298



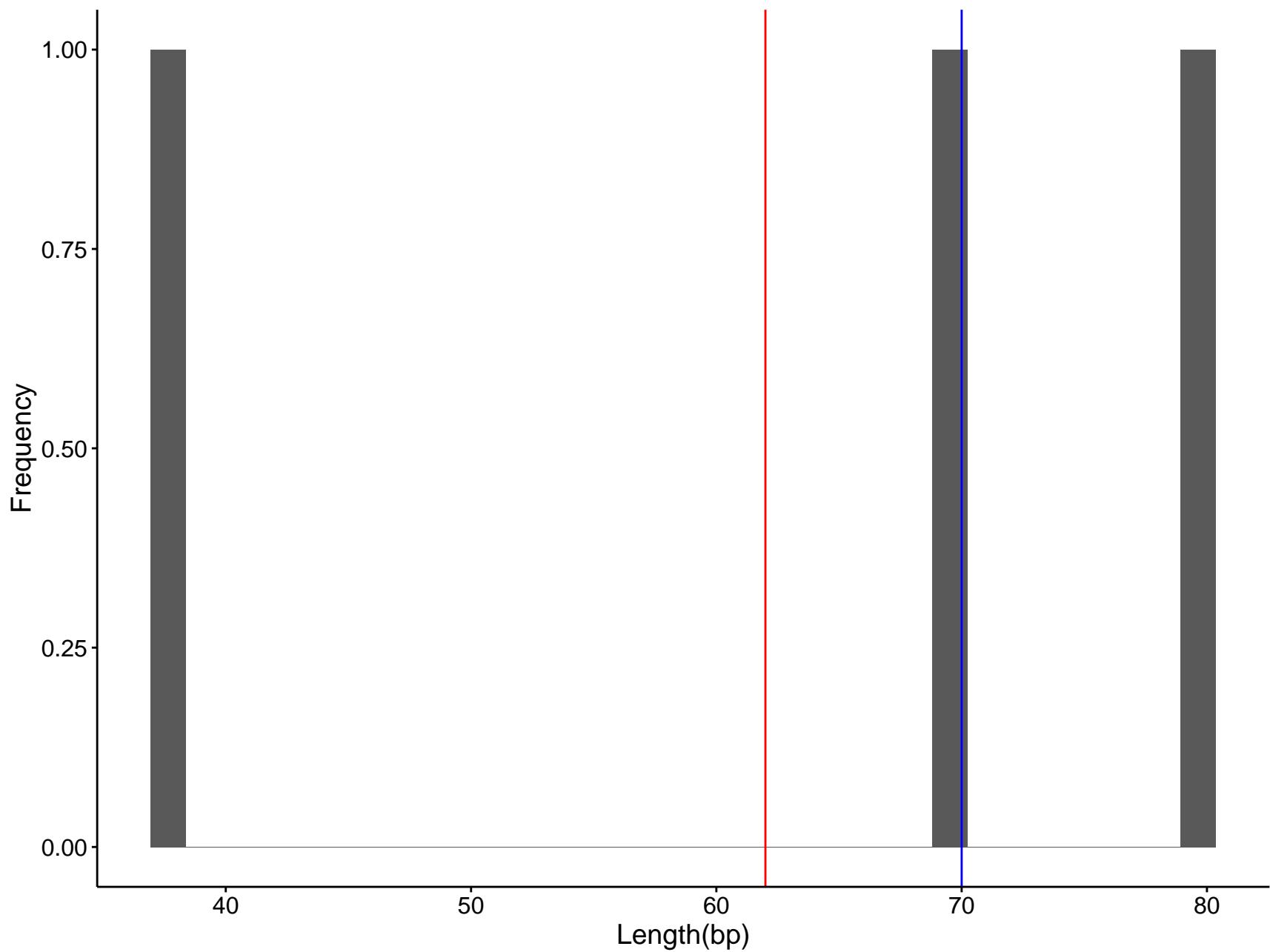
Cluster2299



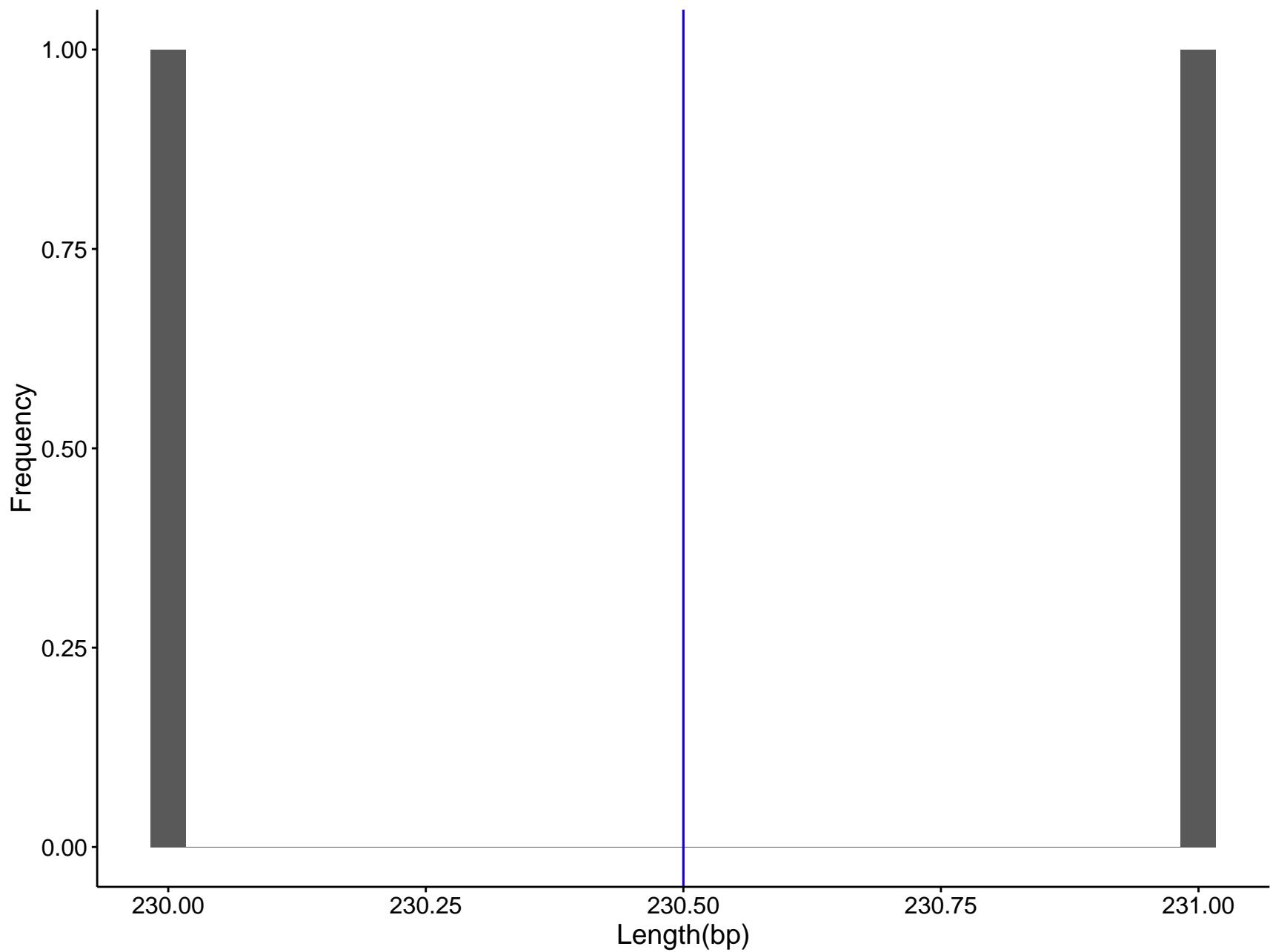
Cluster229



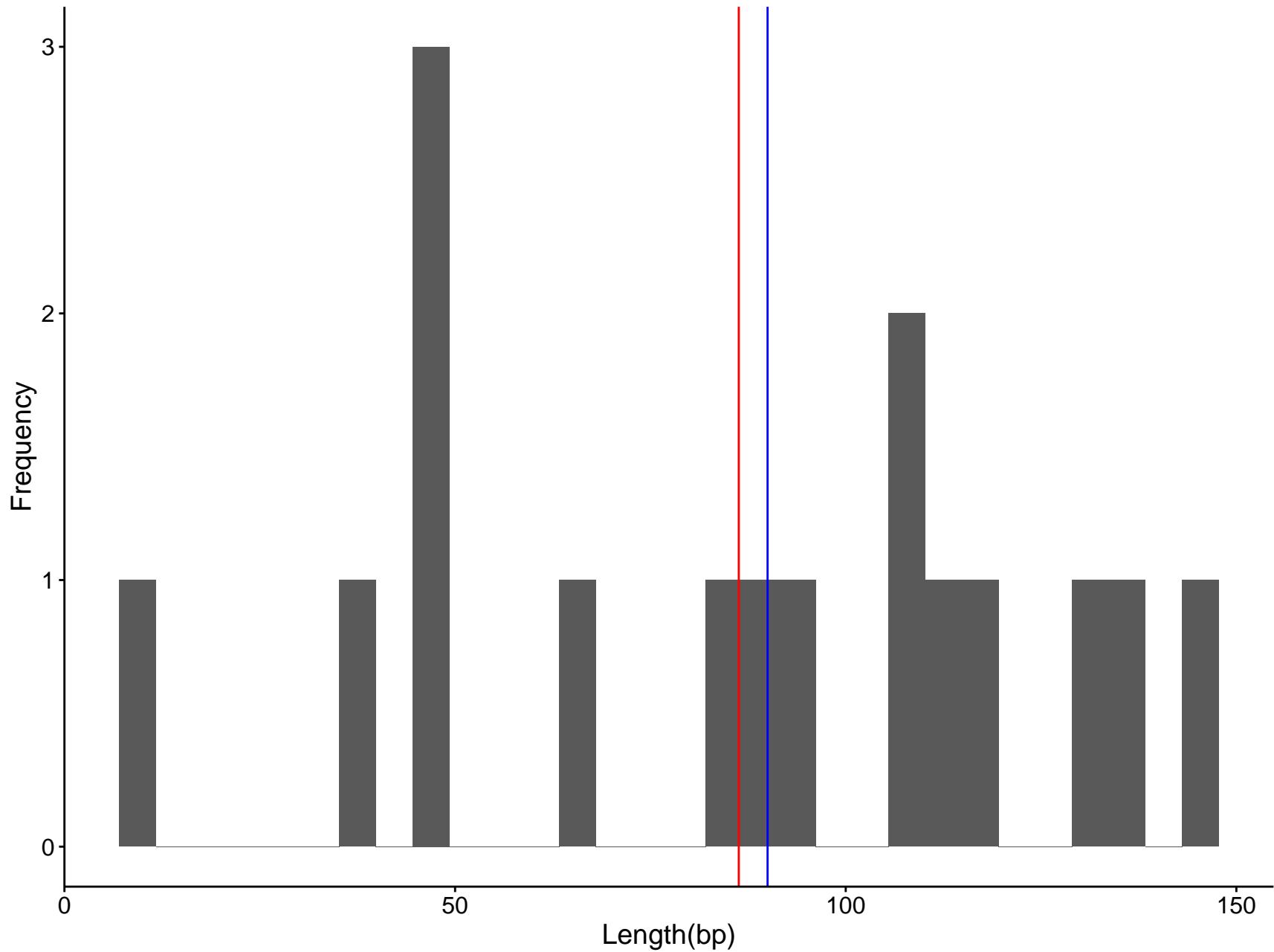
Cluster2300



Cluster2301



Cluster2302



Cluster2303

Frequency

84.950

84.975

85.000

85.025

85.0

Length(bp)



Cluster2306

Frequency

49.950

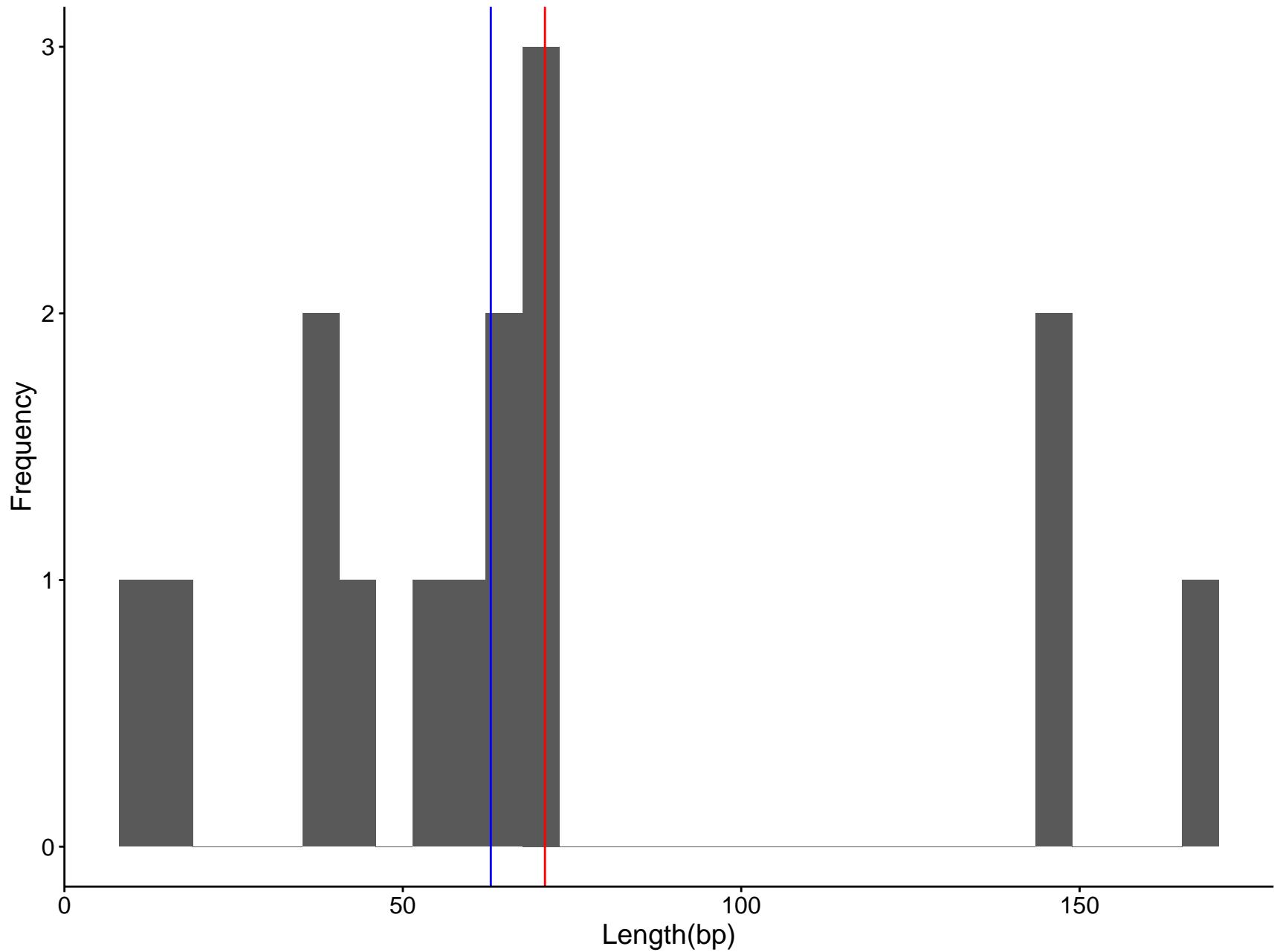
49.975

50.000

50.025

Length(bp)

Cluster2308



Cluster2309

Frequency

64.950

64.975

65.000

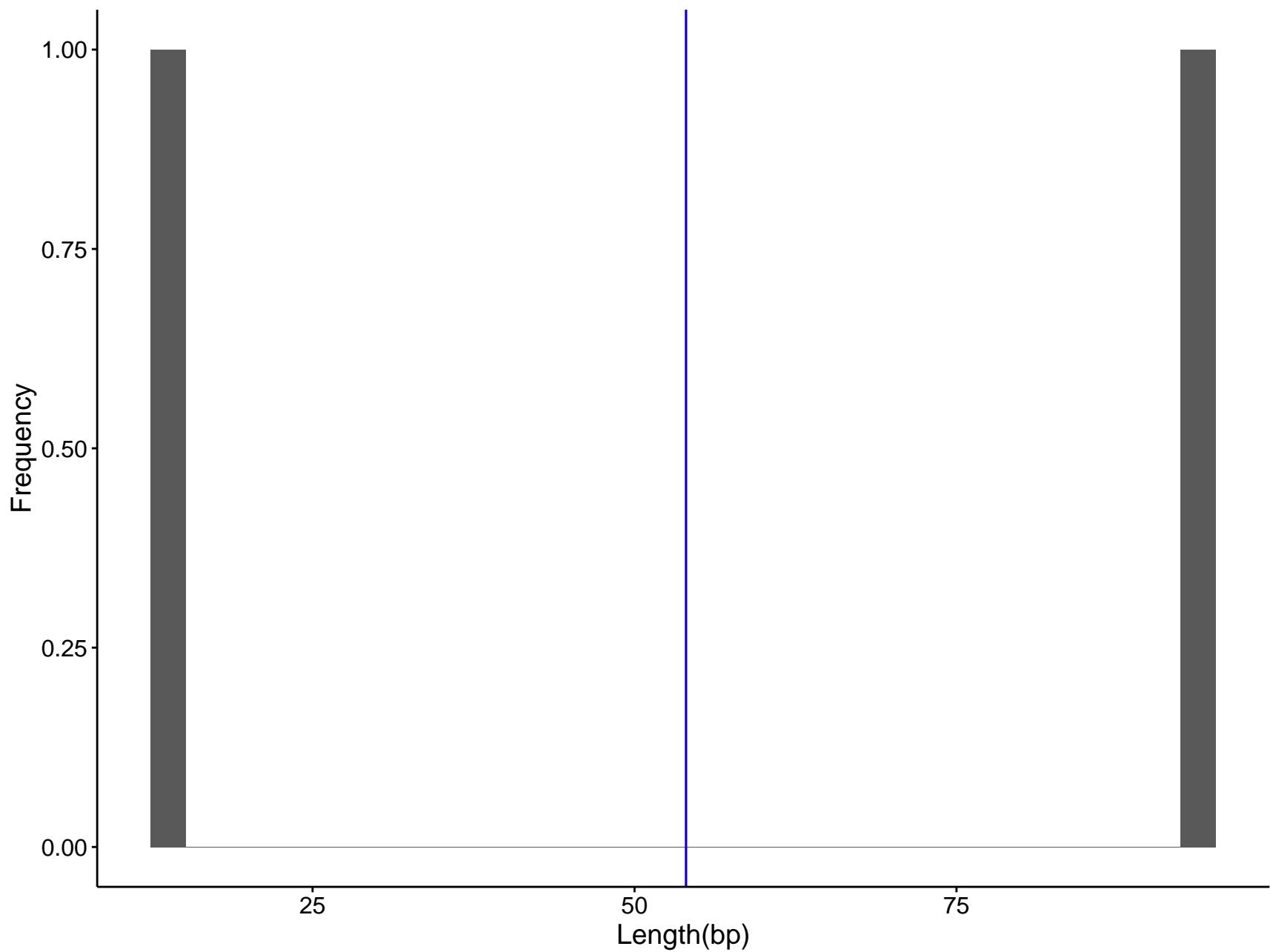
65.025

65.0

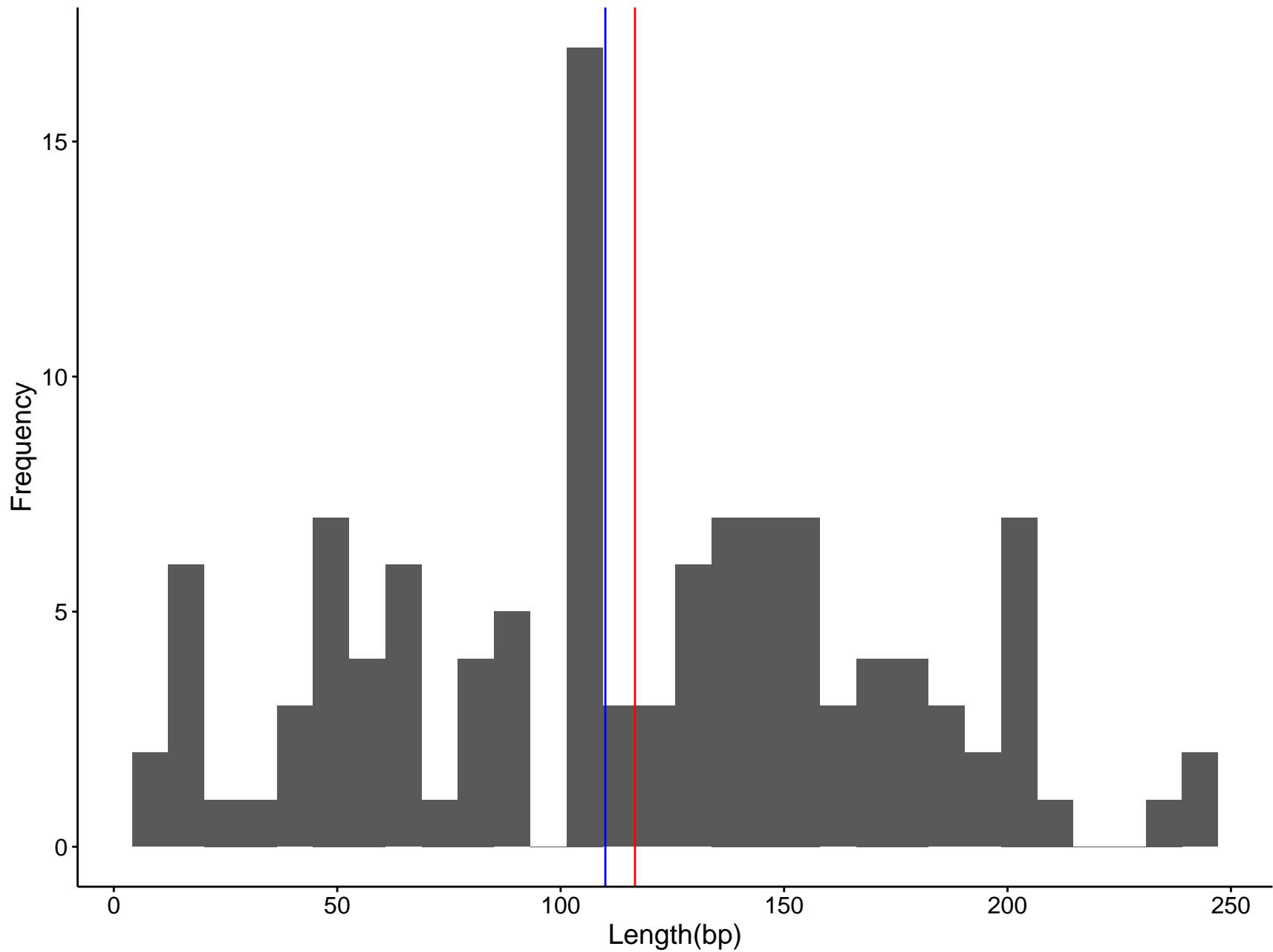
Length(bp)



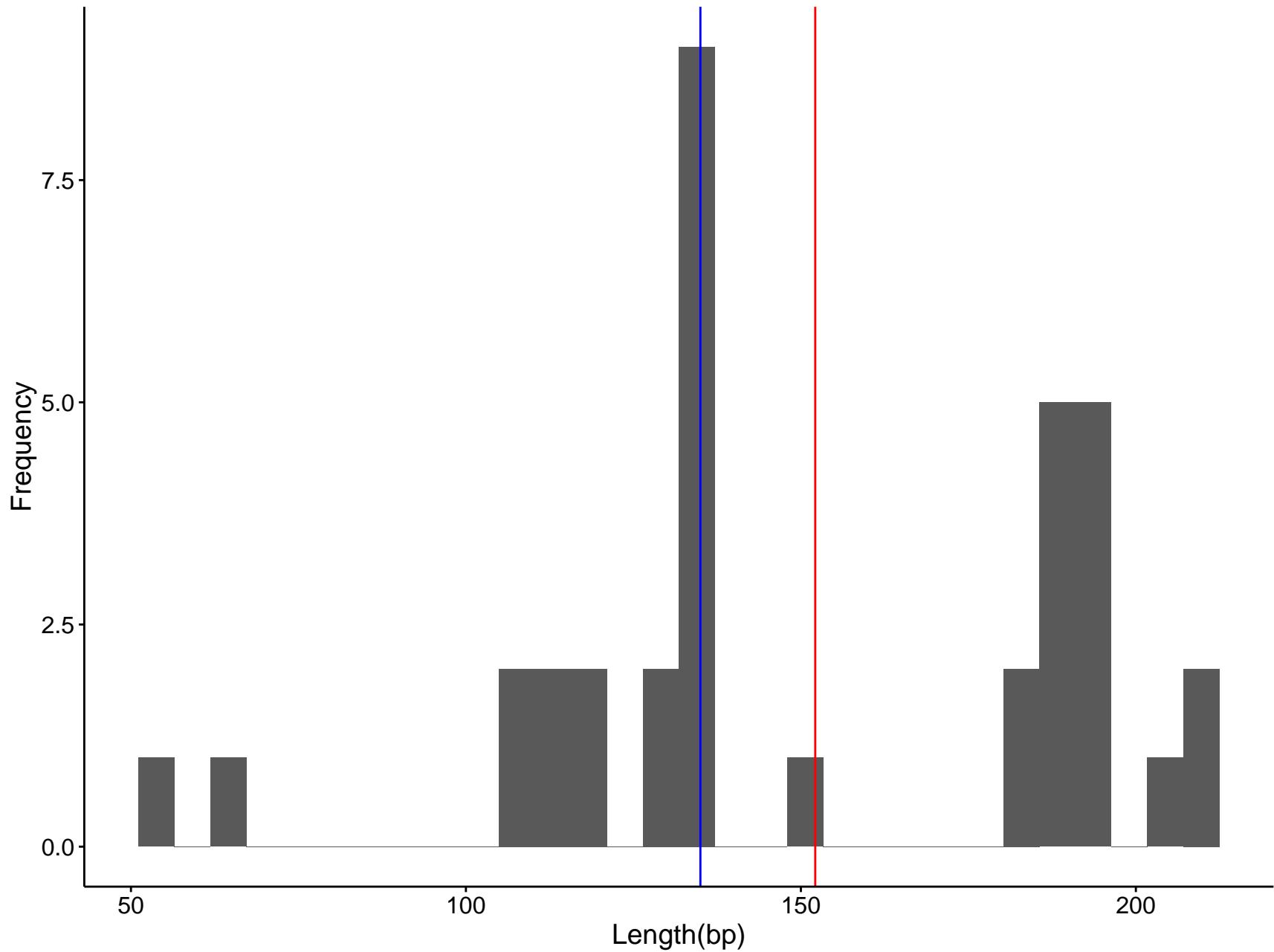
Cluster2310



Cluster2312



Cluster2313



Cluster2314

Frequency

77.950

77.975

78.000

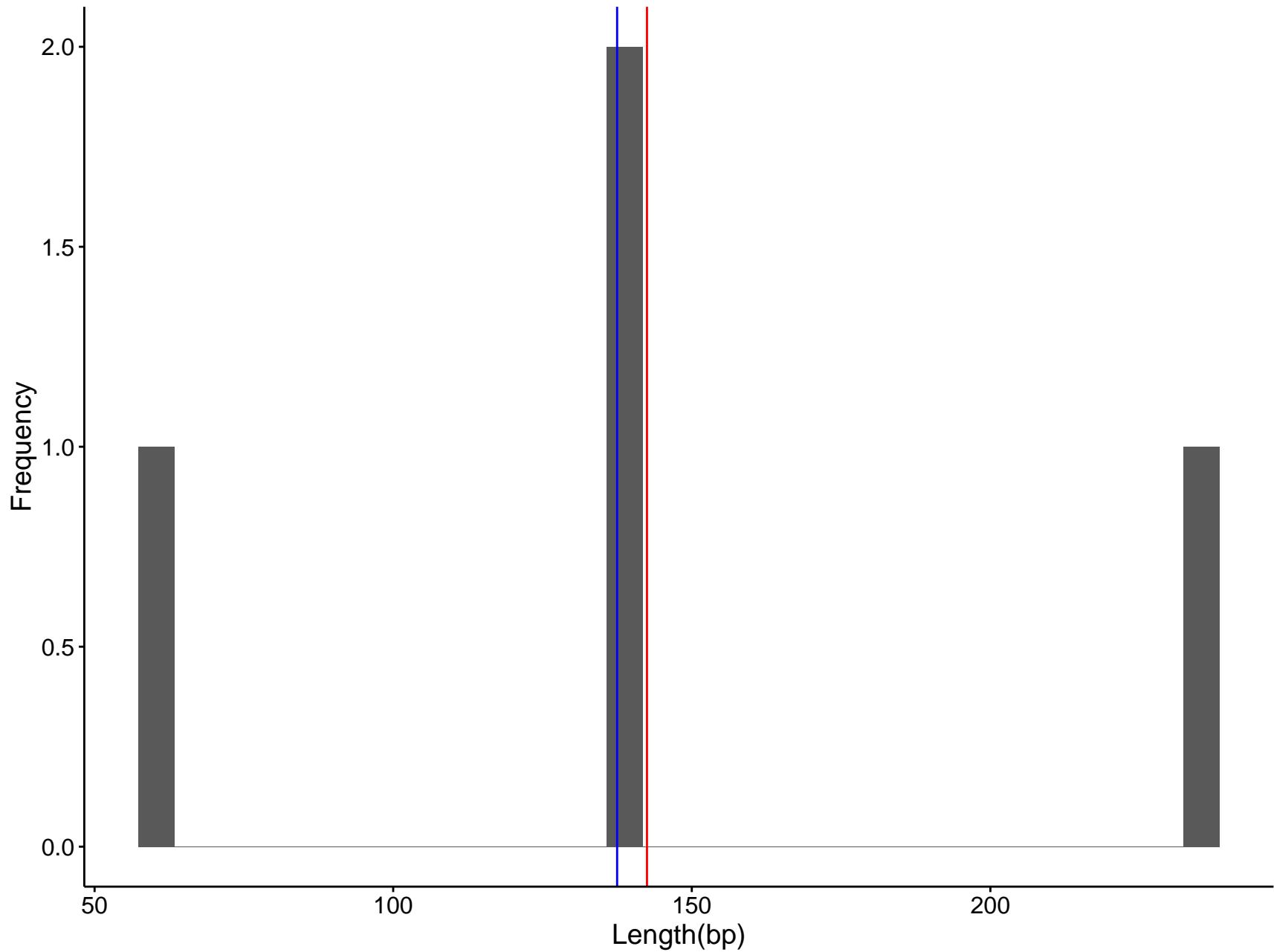
78.025

78.0

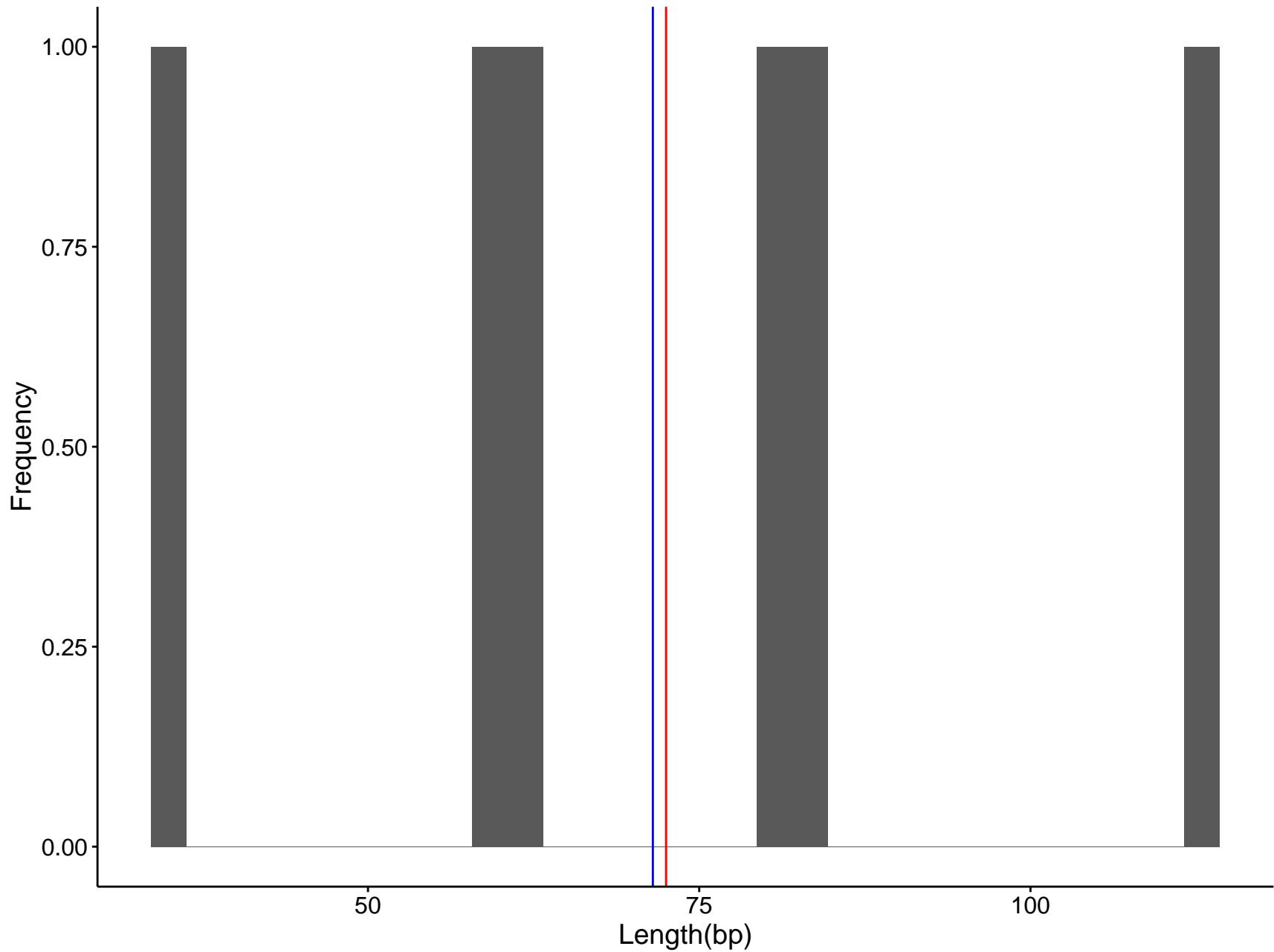
Length(bp)



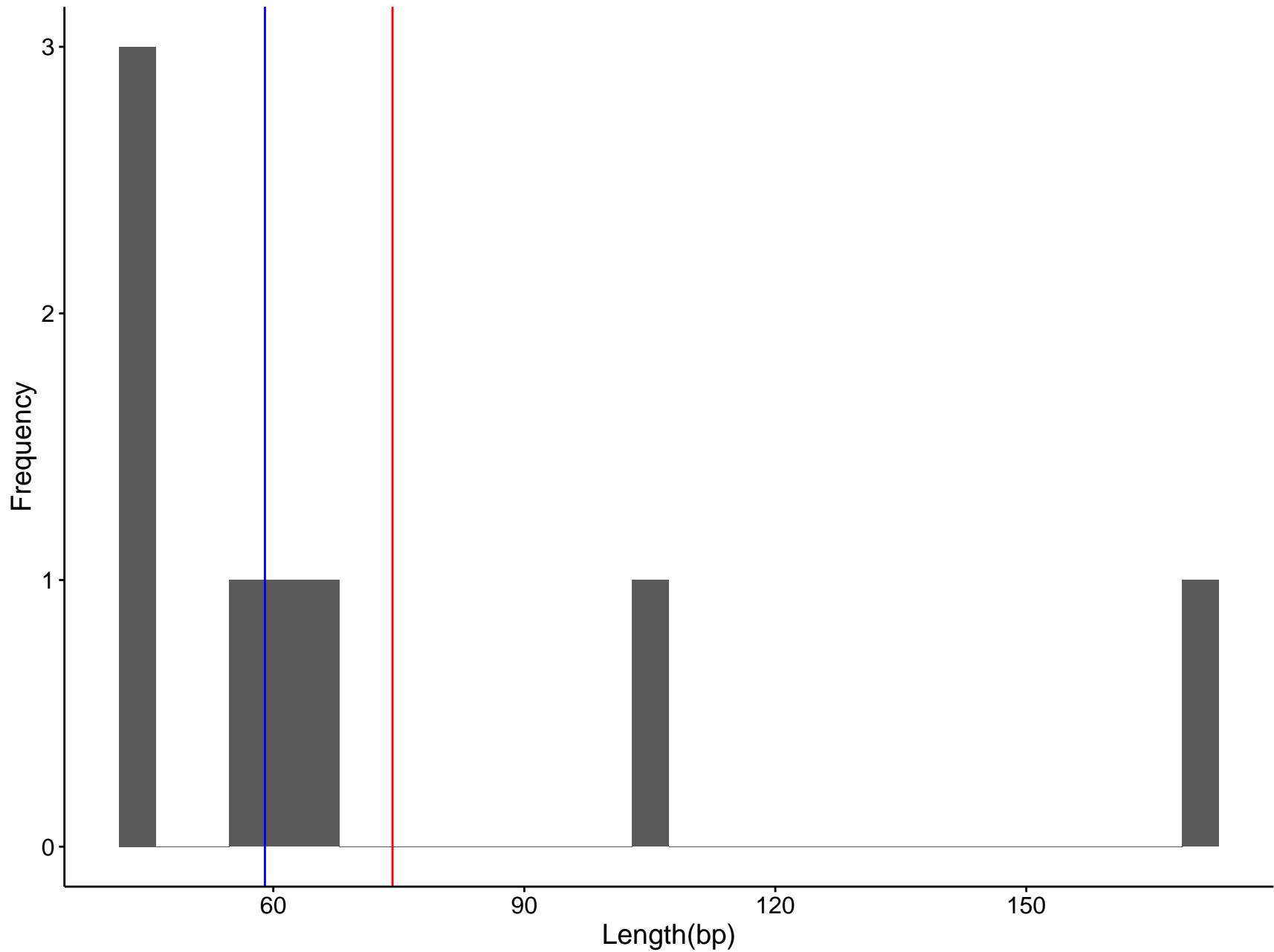
Cluster2318



Cluster2319



Cluster2321



Cluster2322

Frequency

41.950

41.975

42.000

42.025

Length(bp)



Cluster2323

Frequency

29.950

29.975

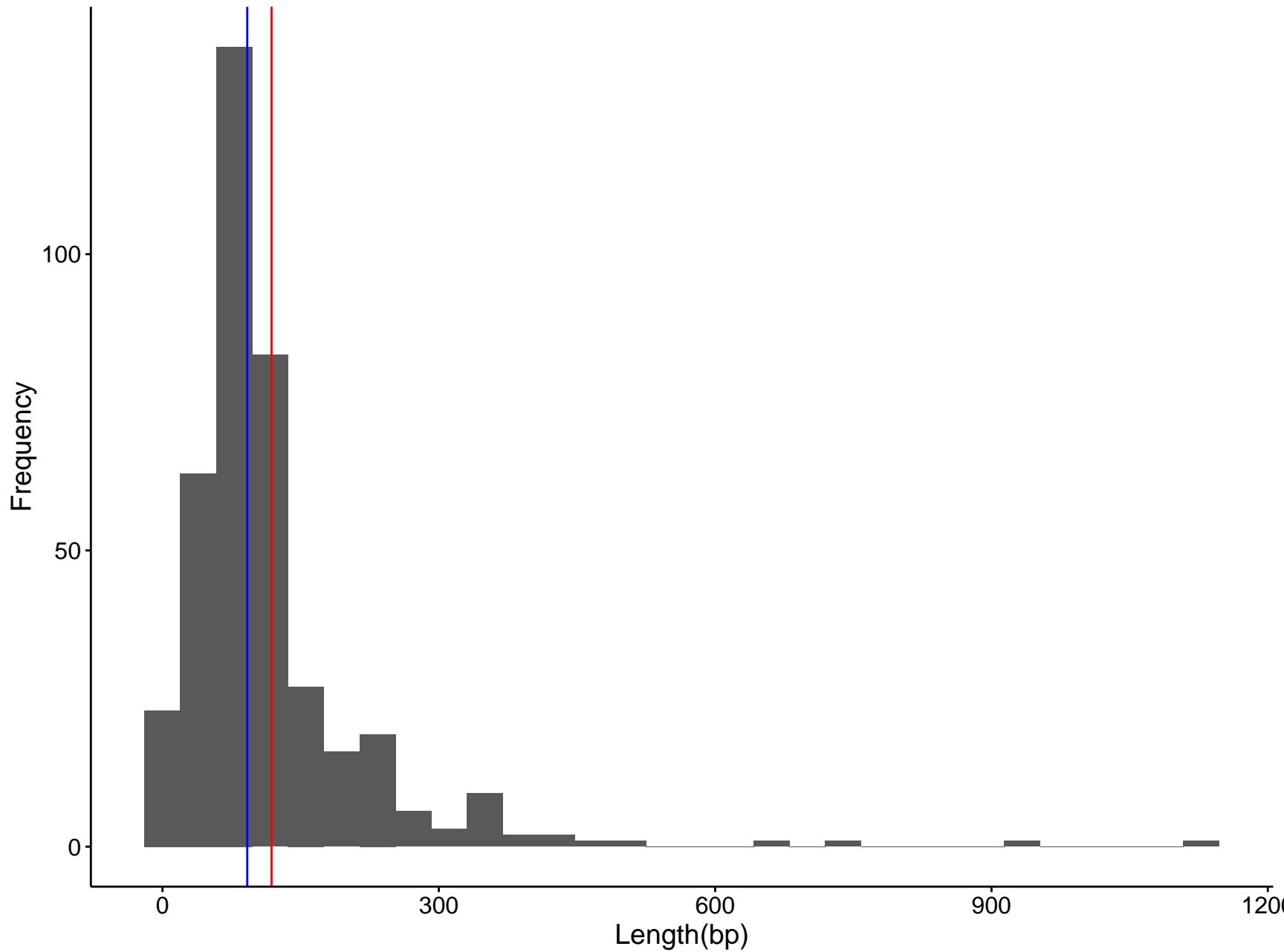
30.000

30.025

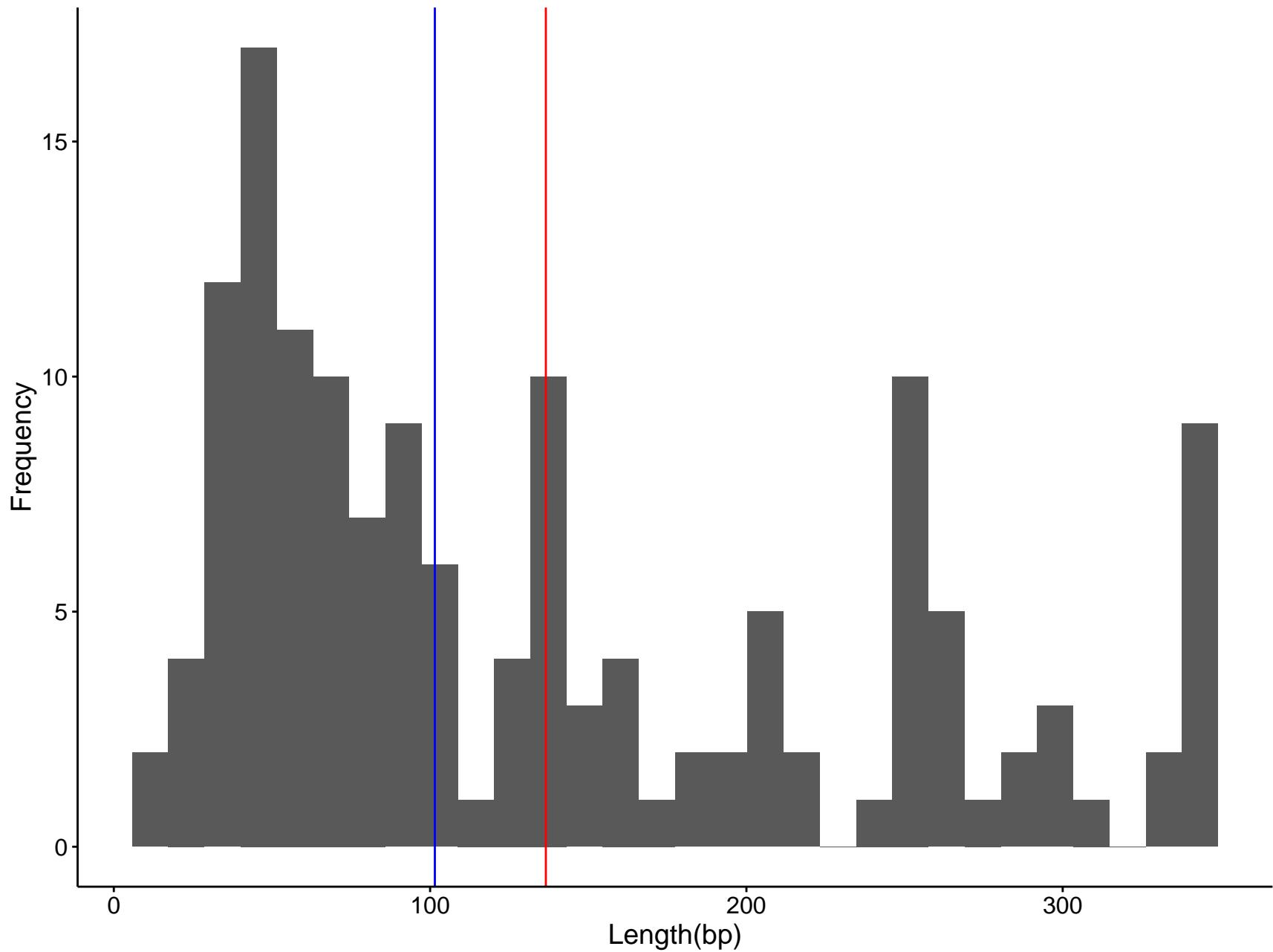
Length(bp)



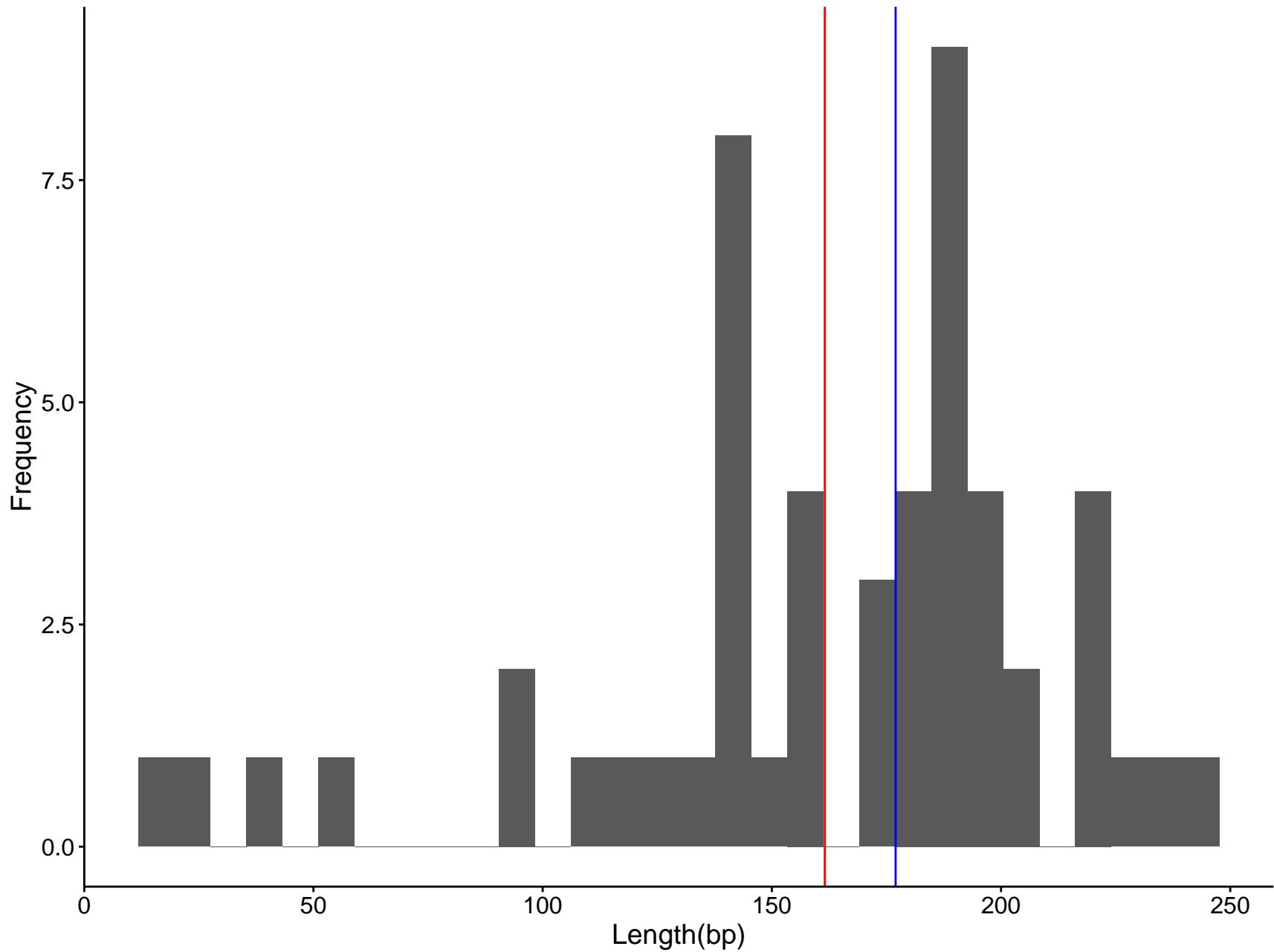
Cluster2325



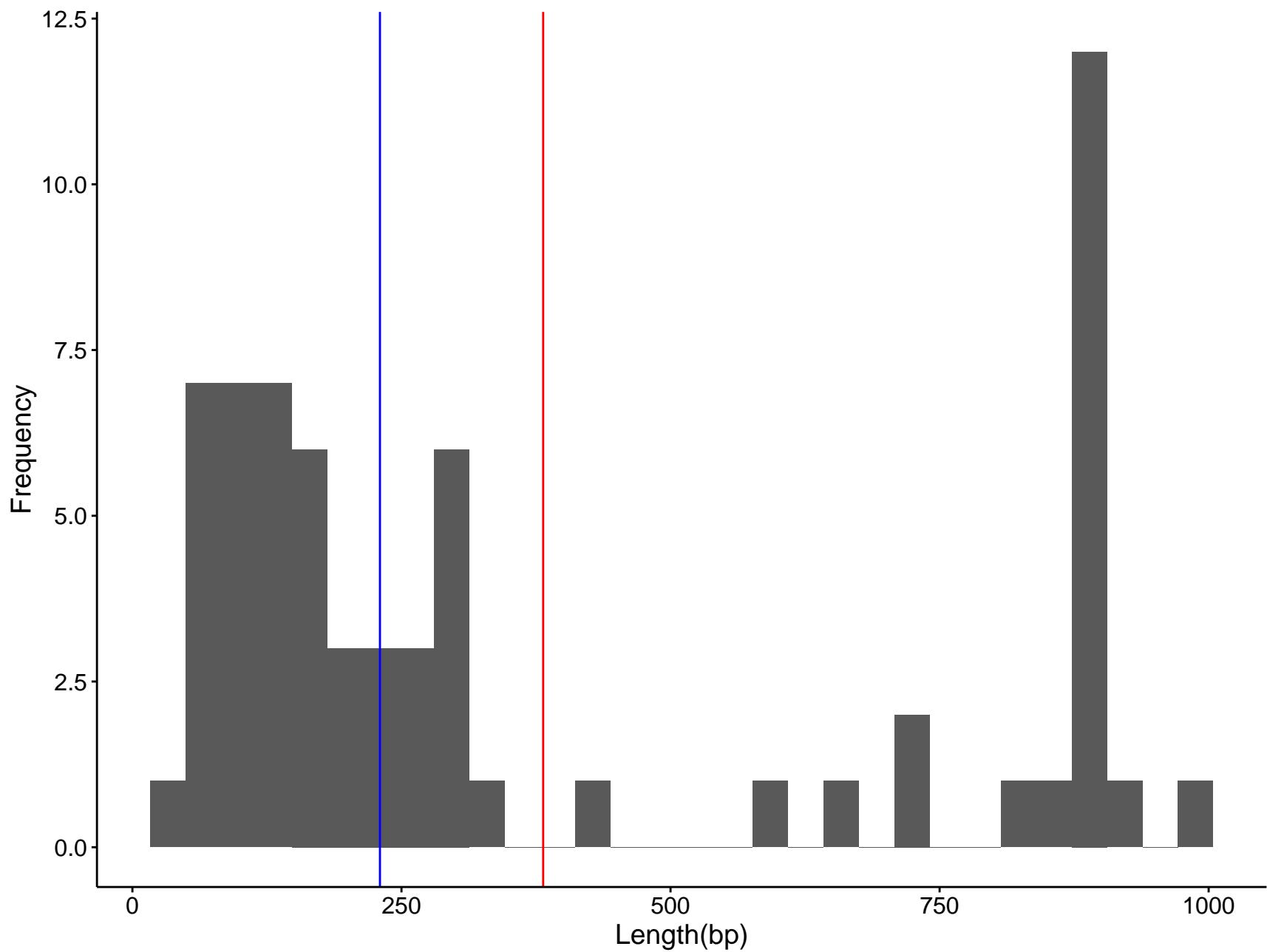
Cluster2326



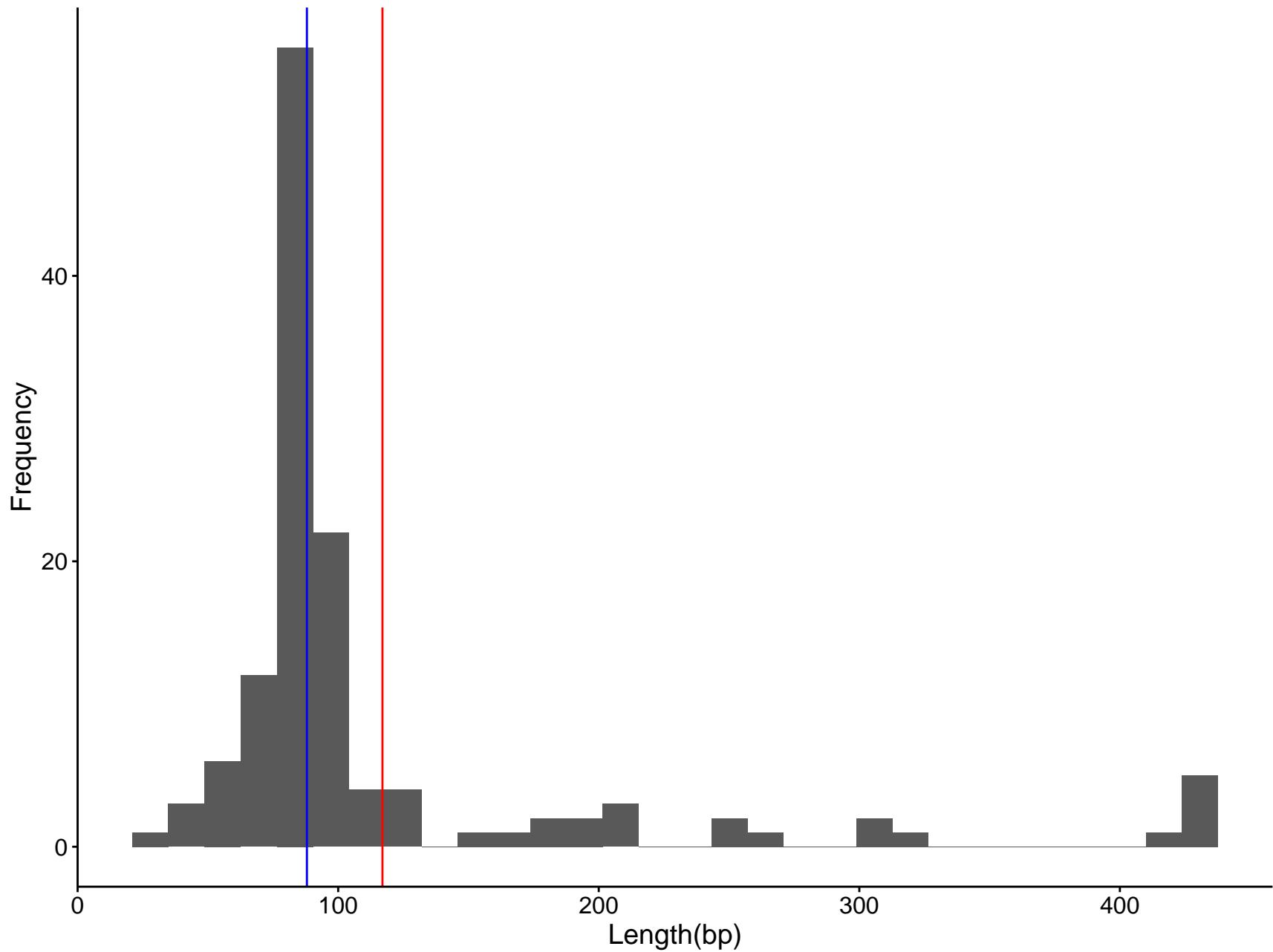
Cluster2327



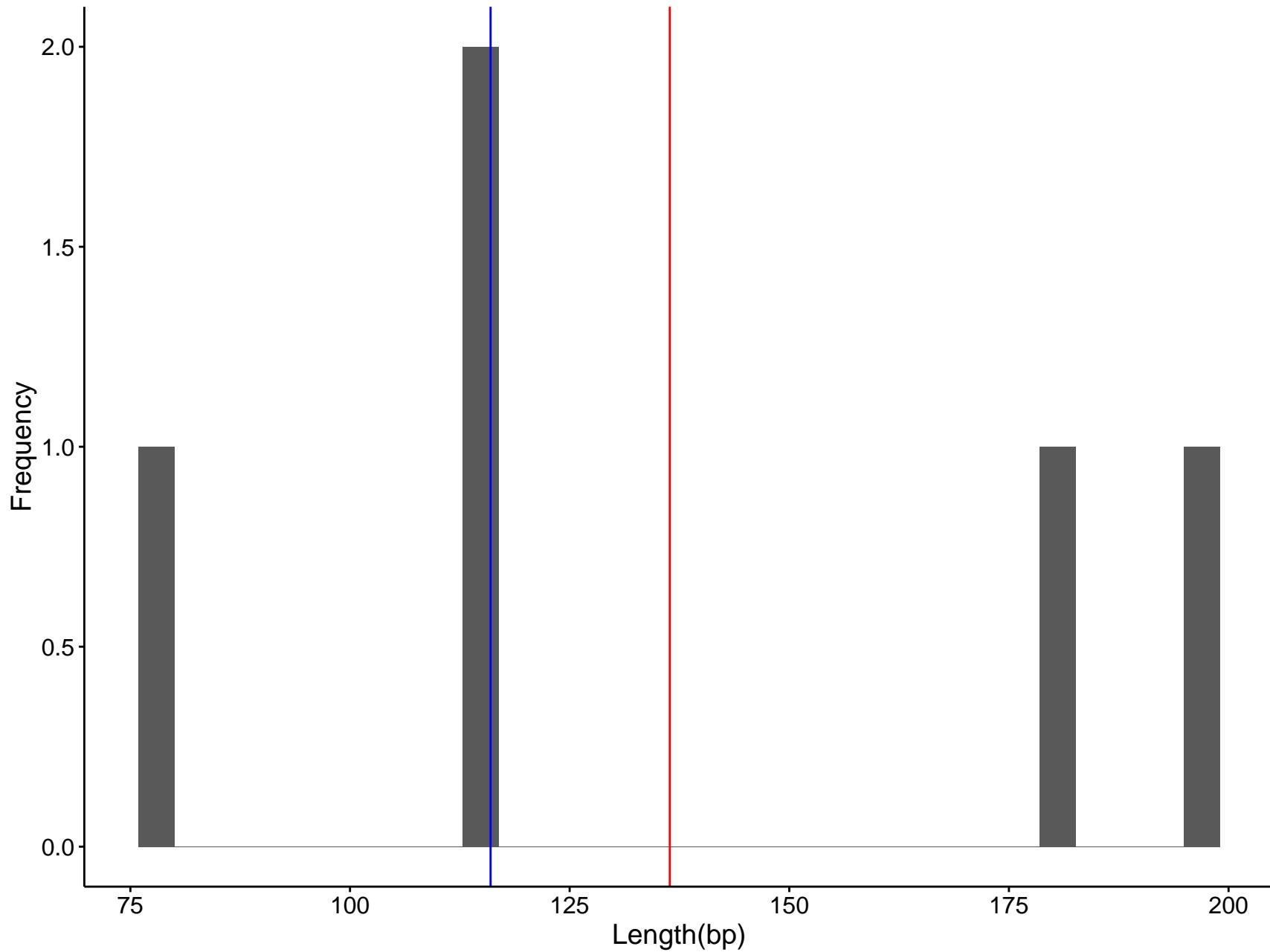
Cluster2328



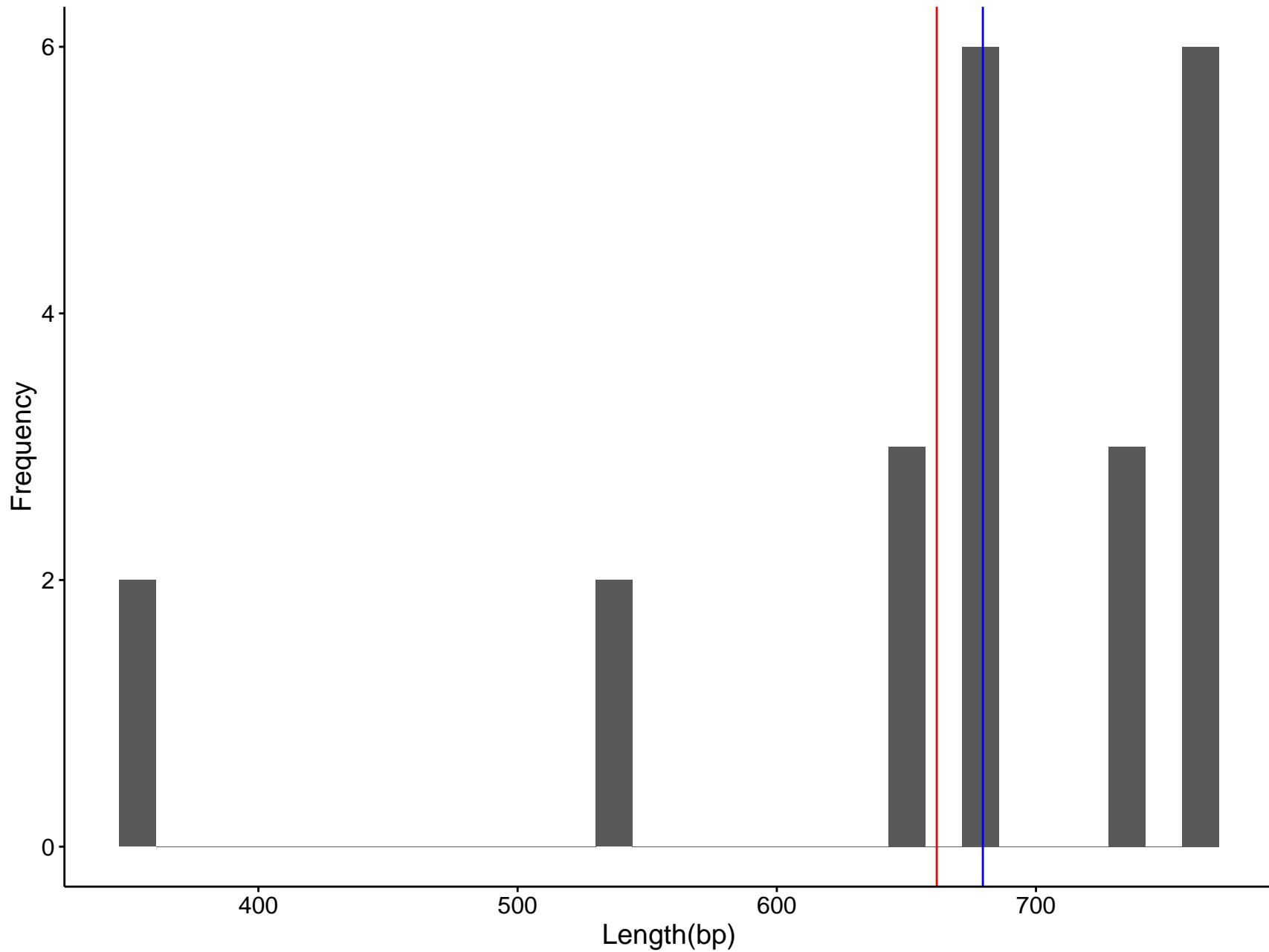
Cluster2329



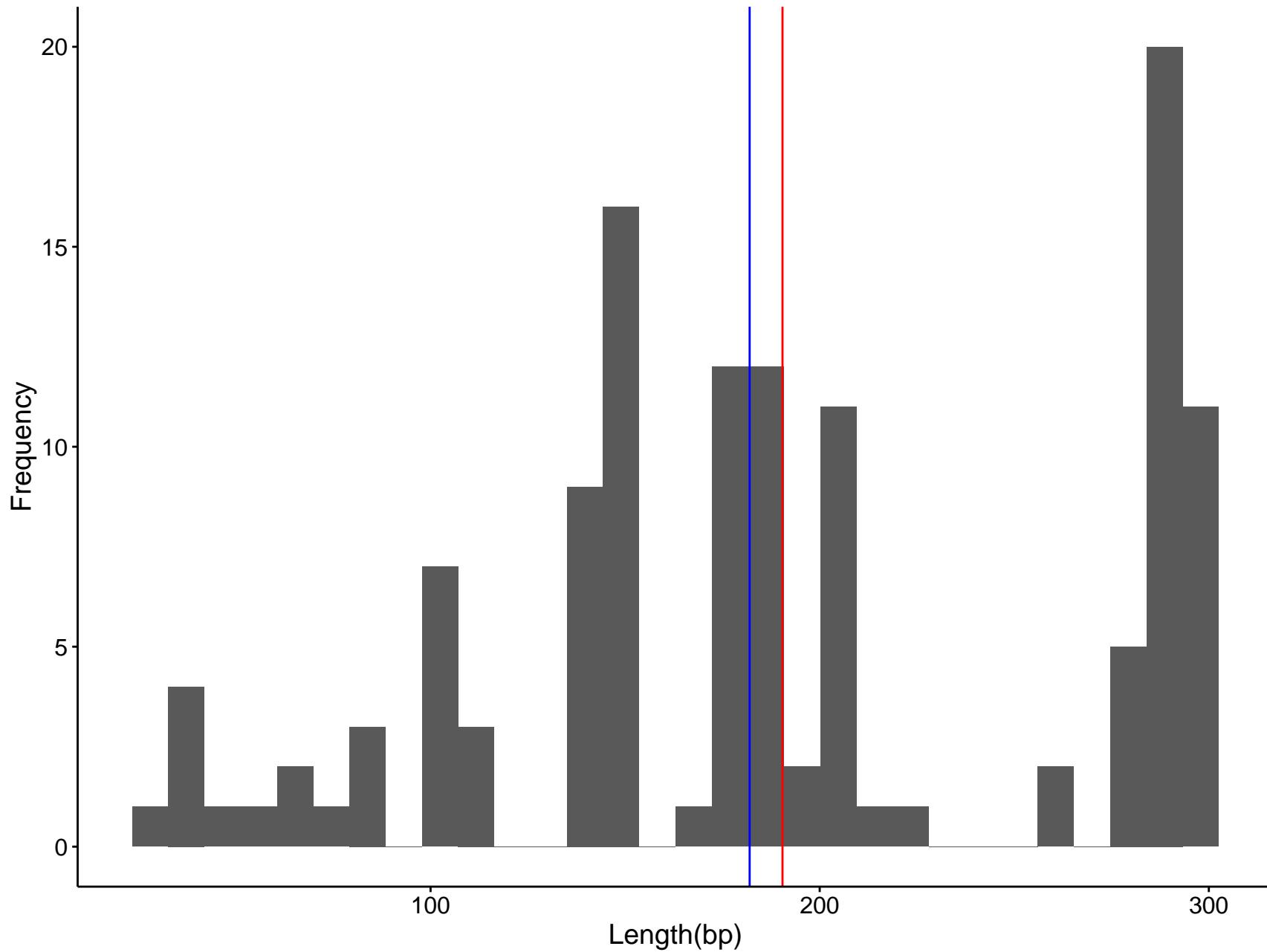
Cluster232



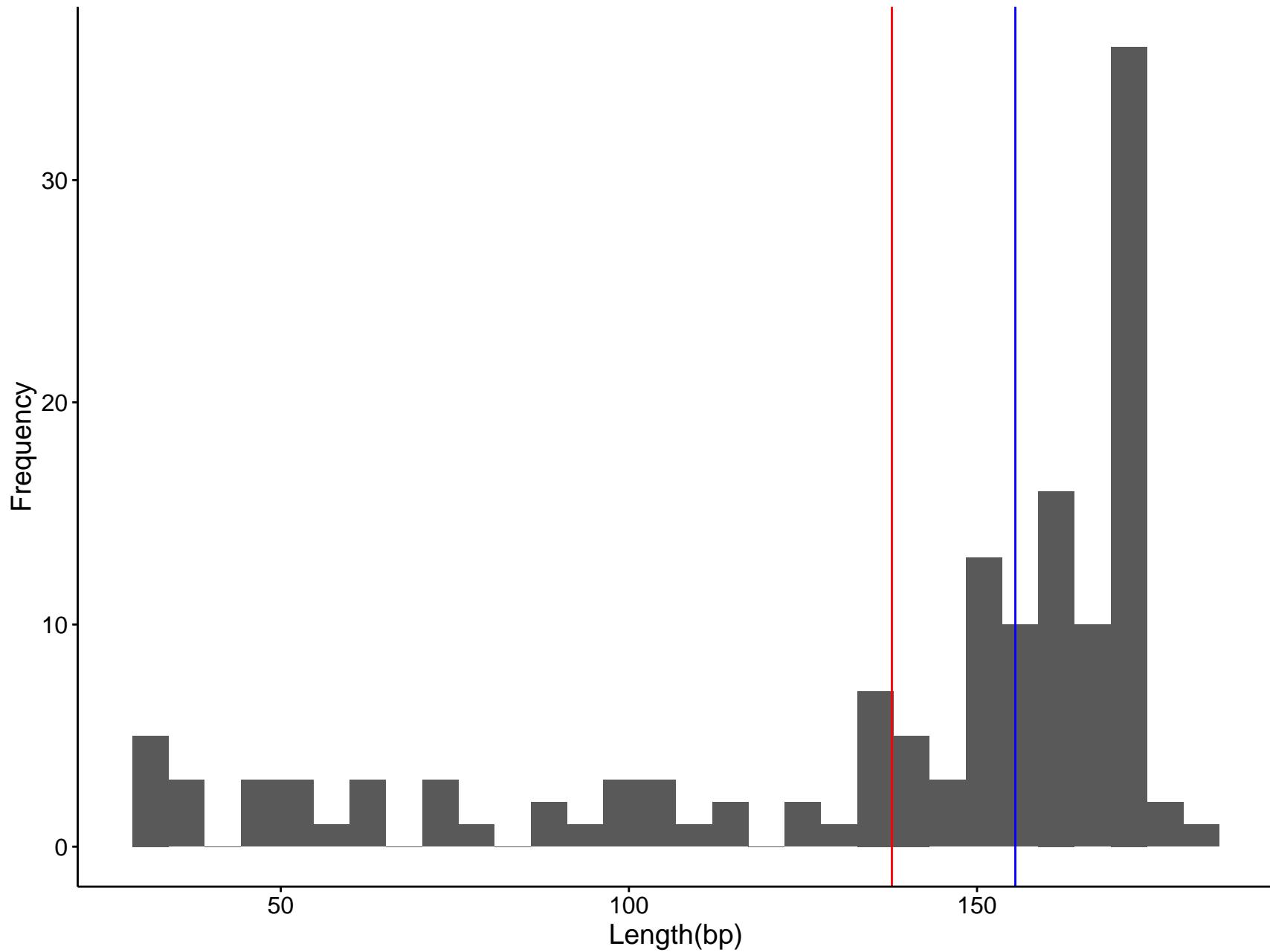
Cluster2331



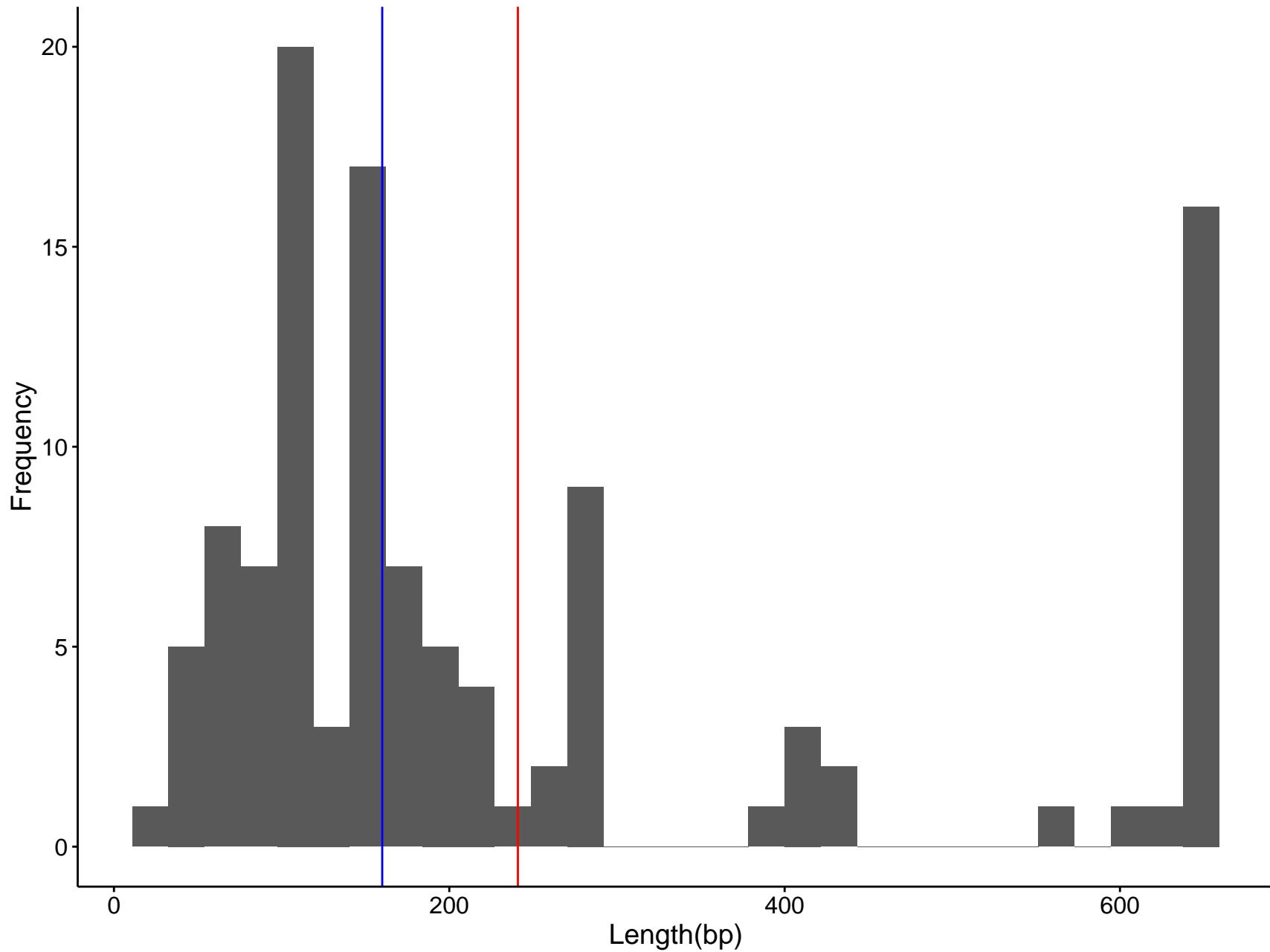
Cluster2332



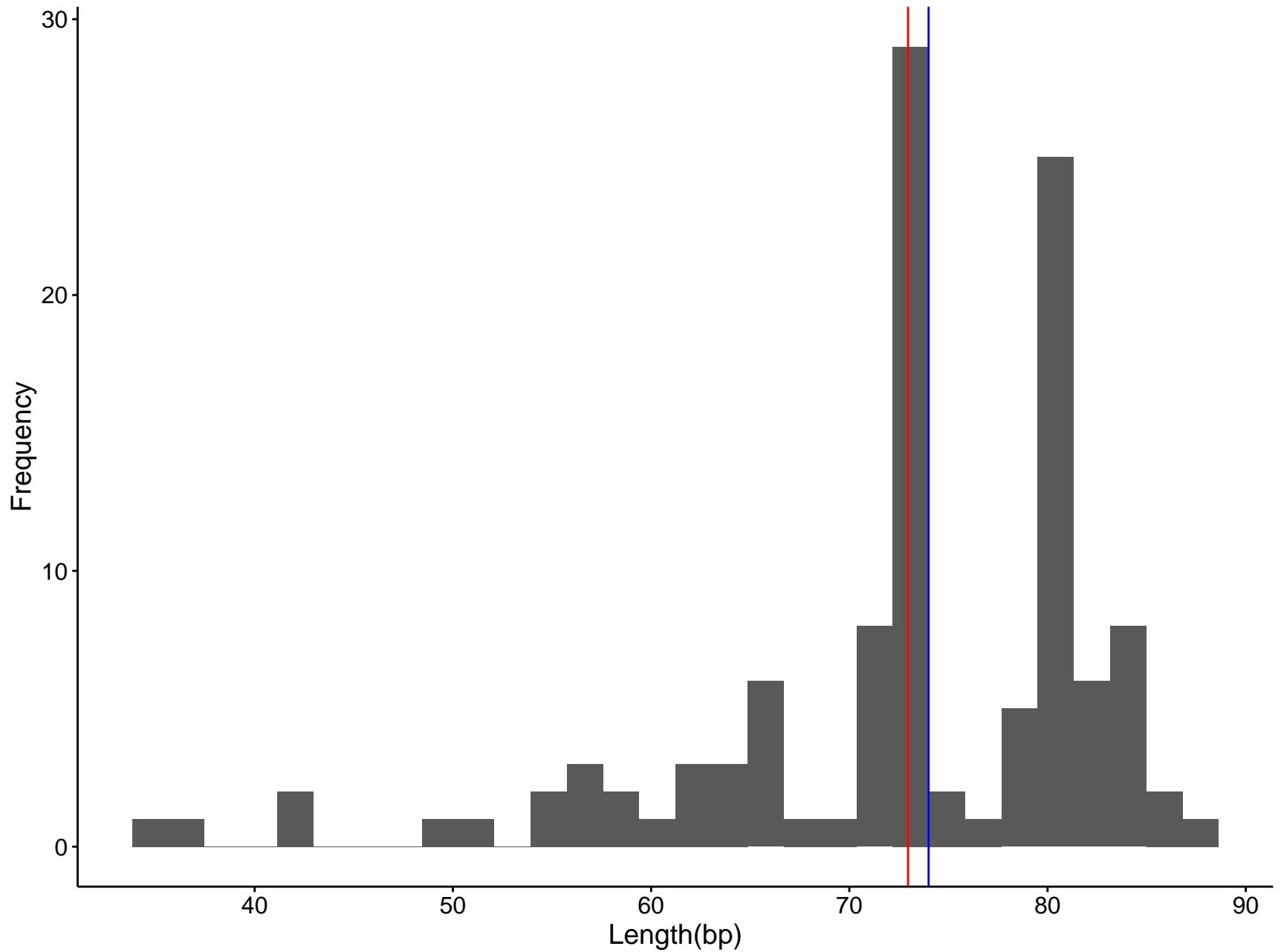
Cluster2333



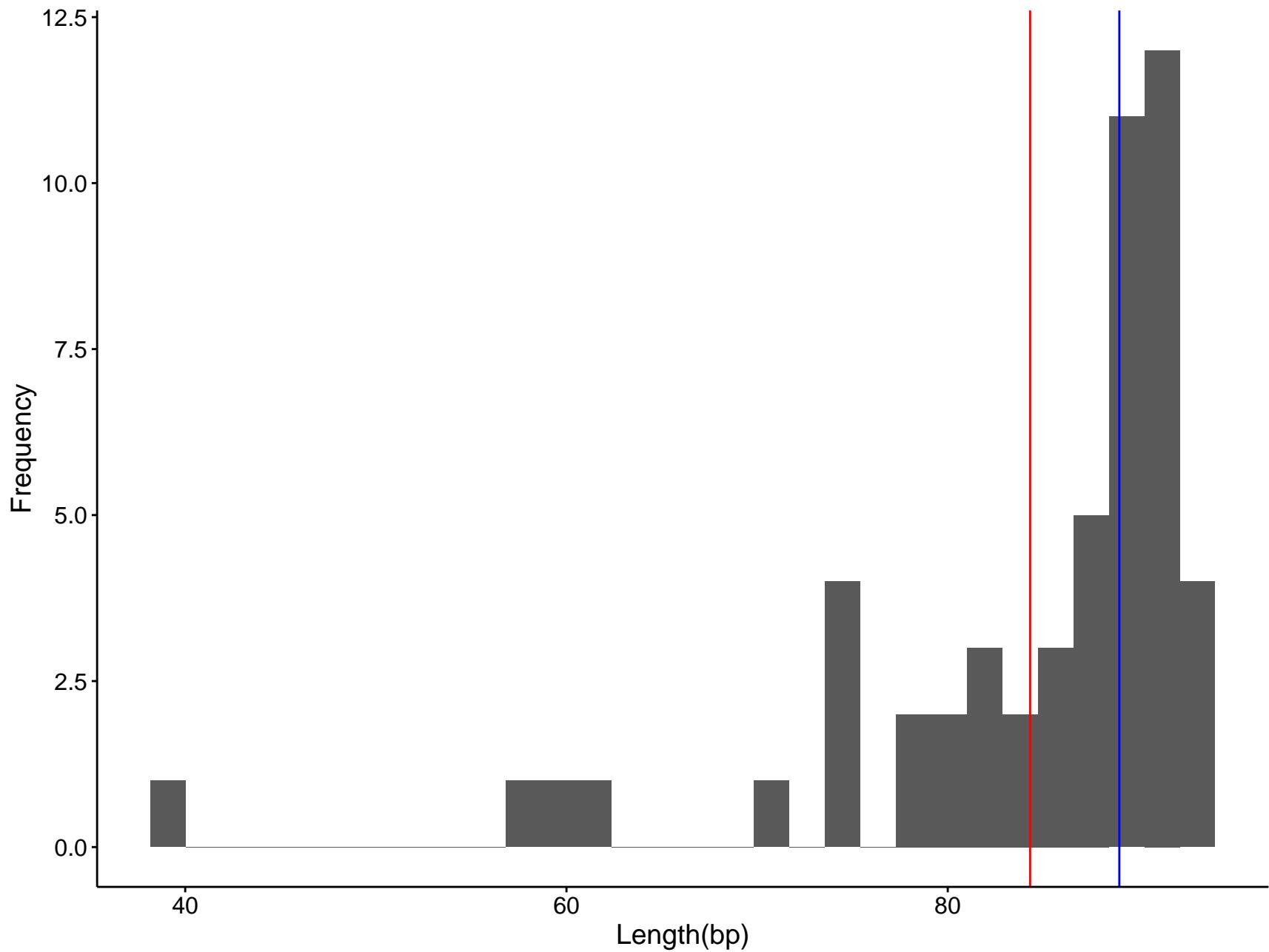
Cluster2334



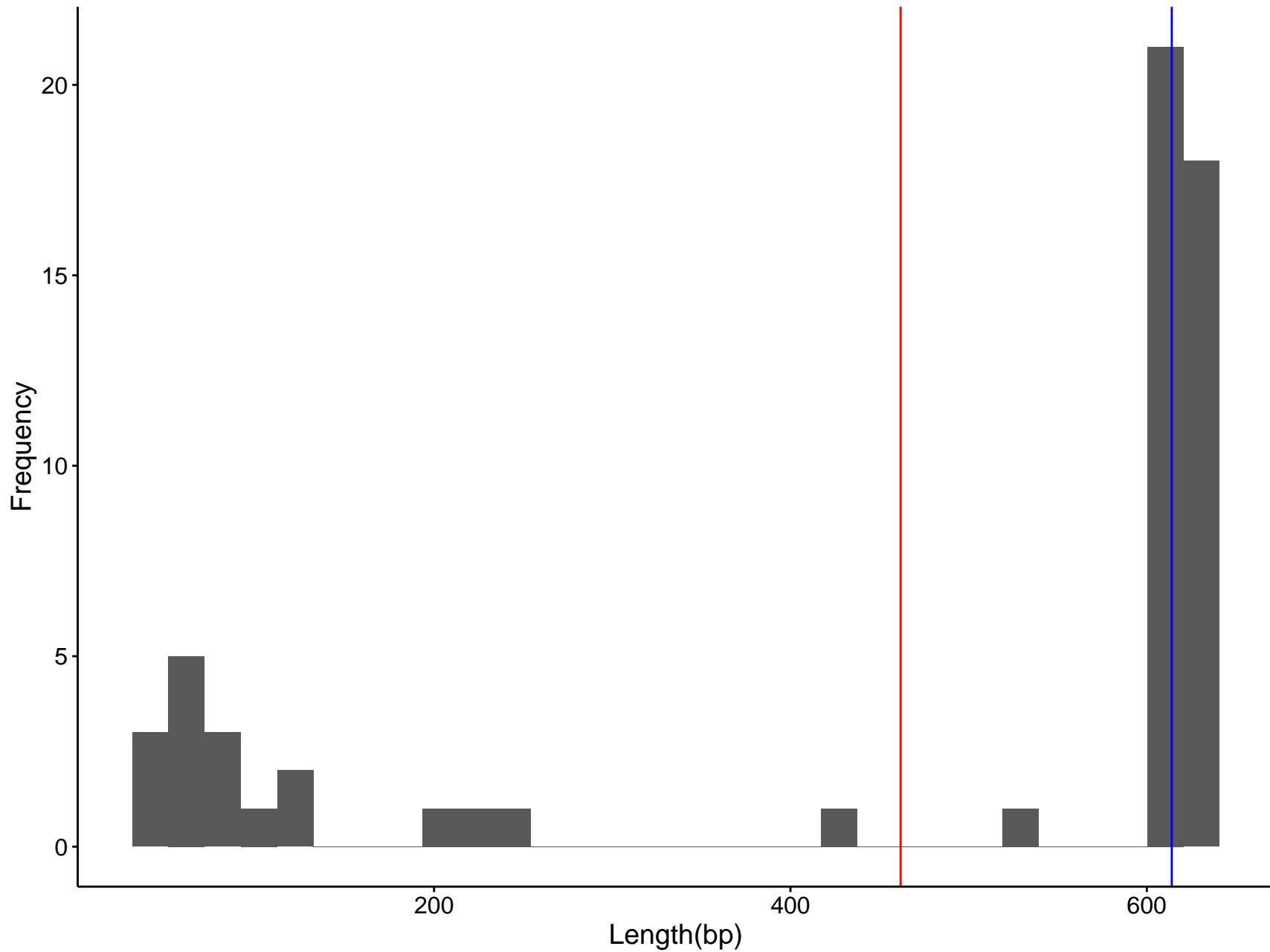
Cluster2335



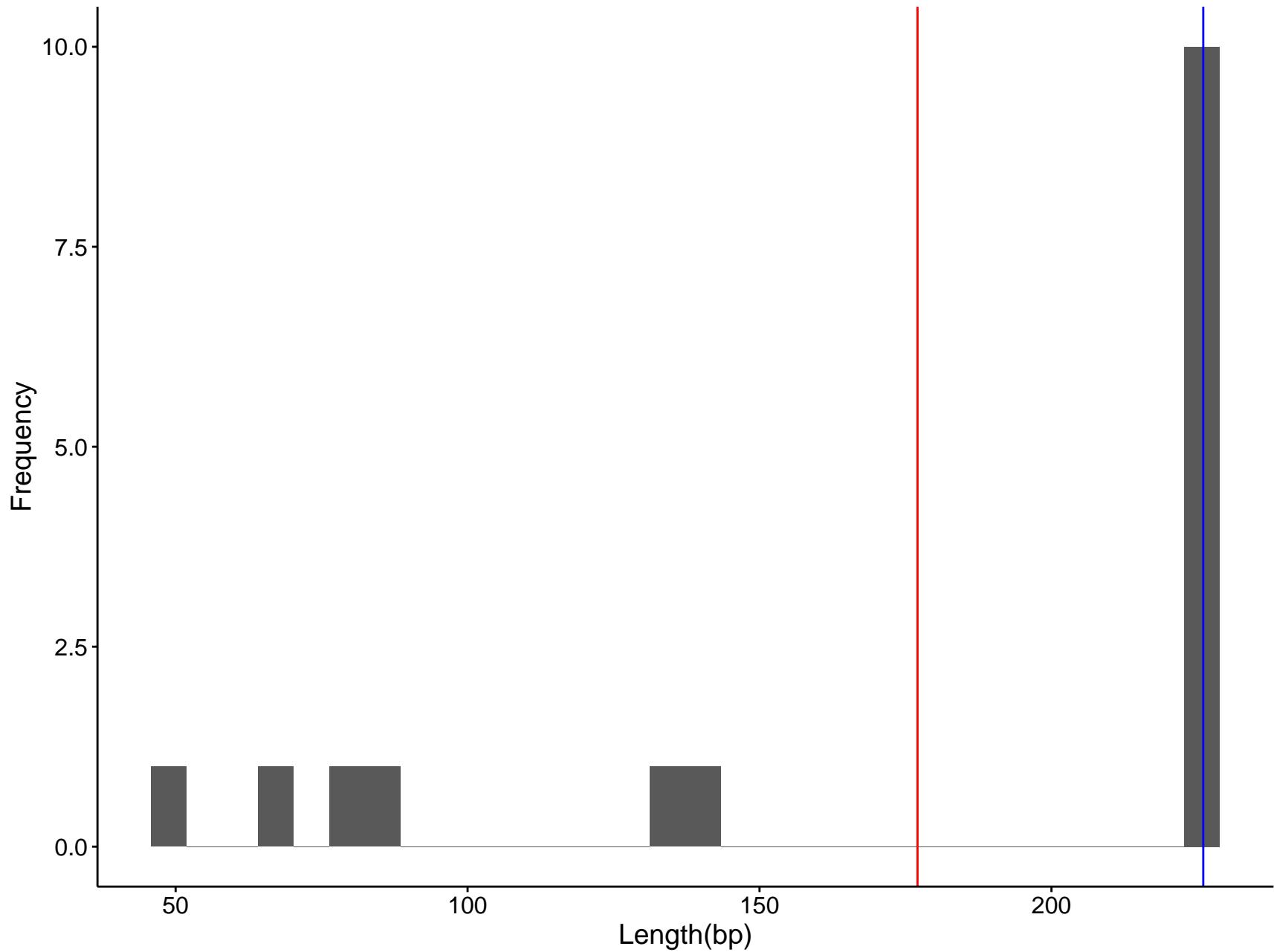
Cluster2336



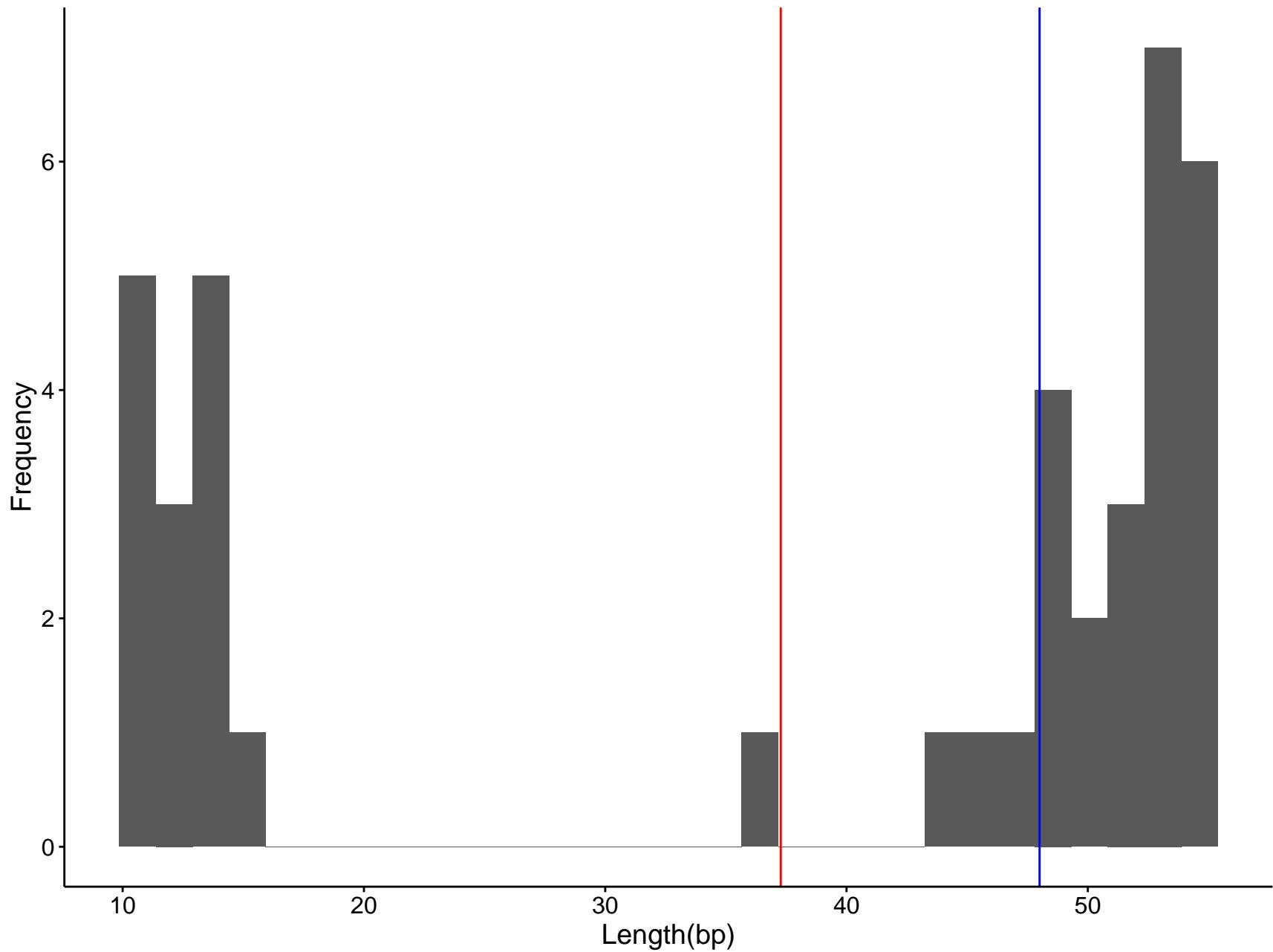
Cluster2337



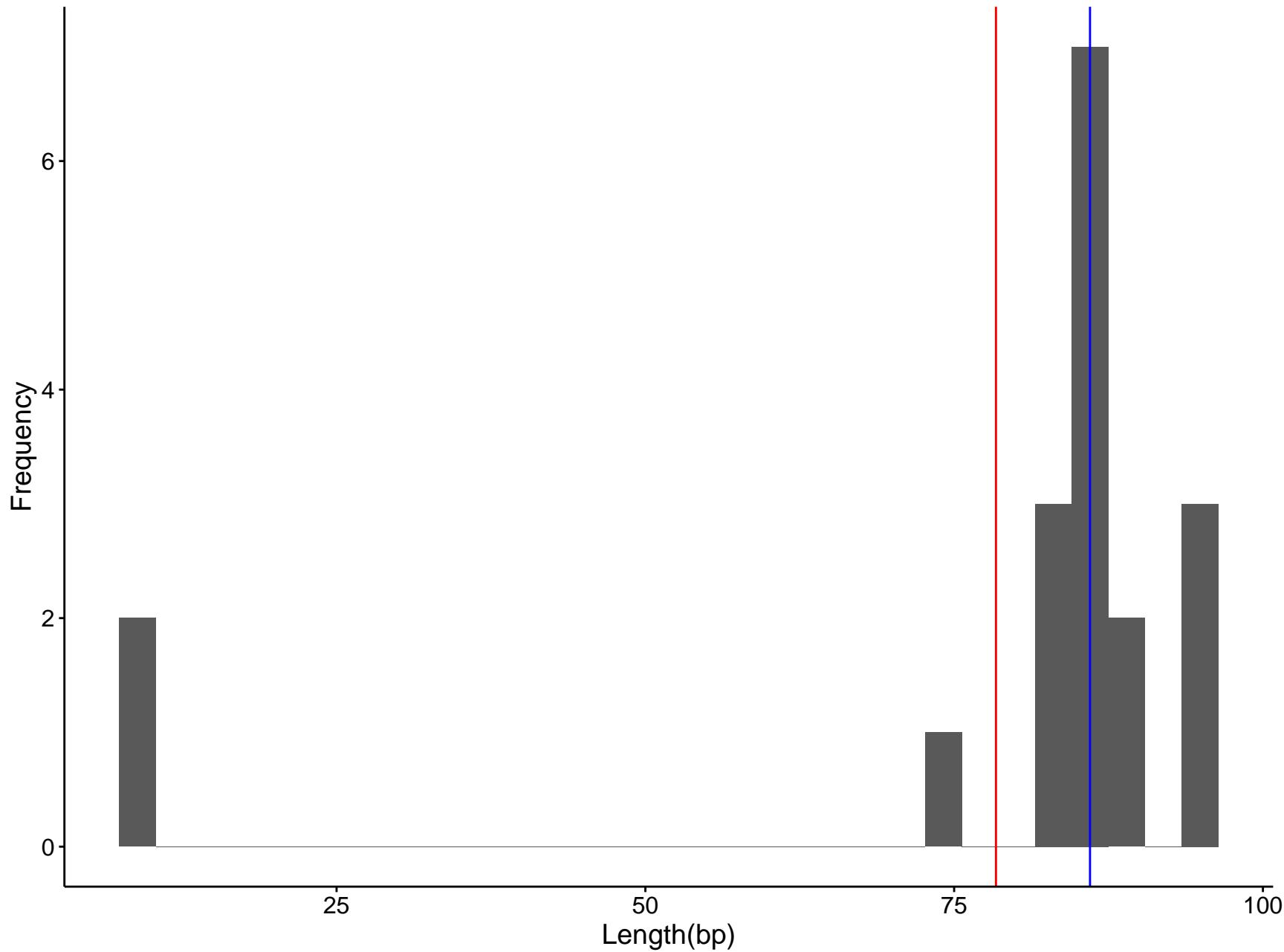
Cluster2338



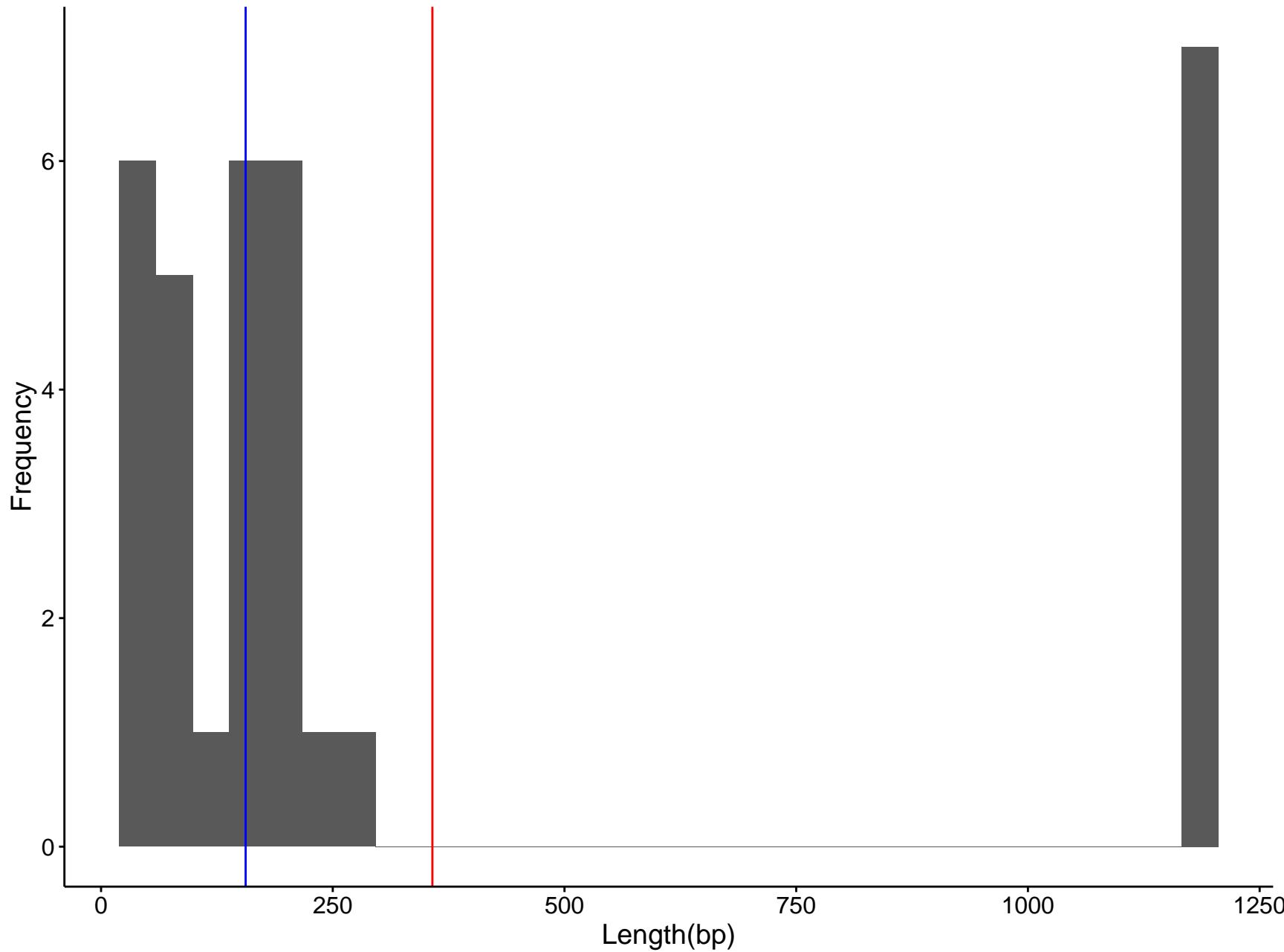
Cluster2339



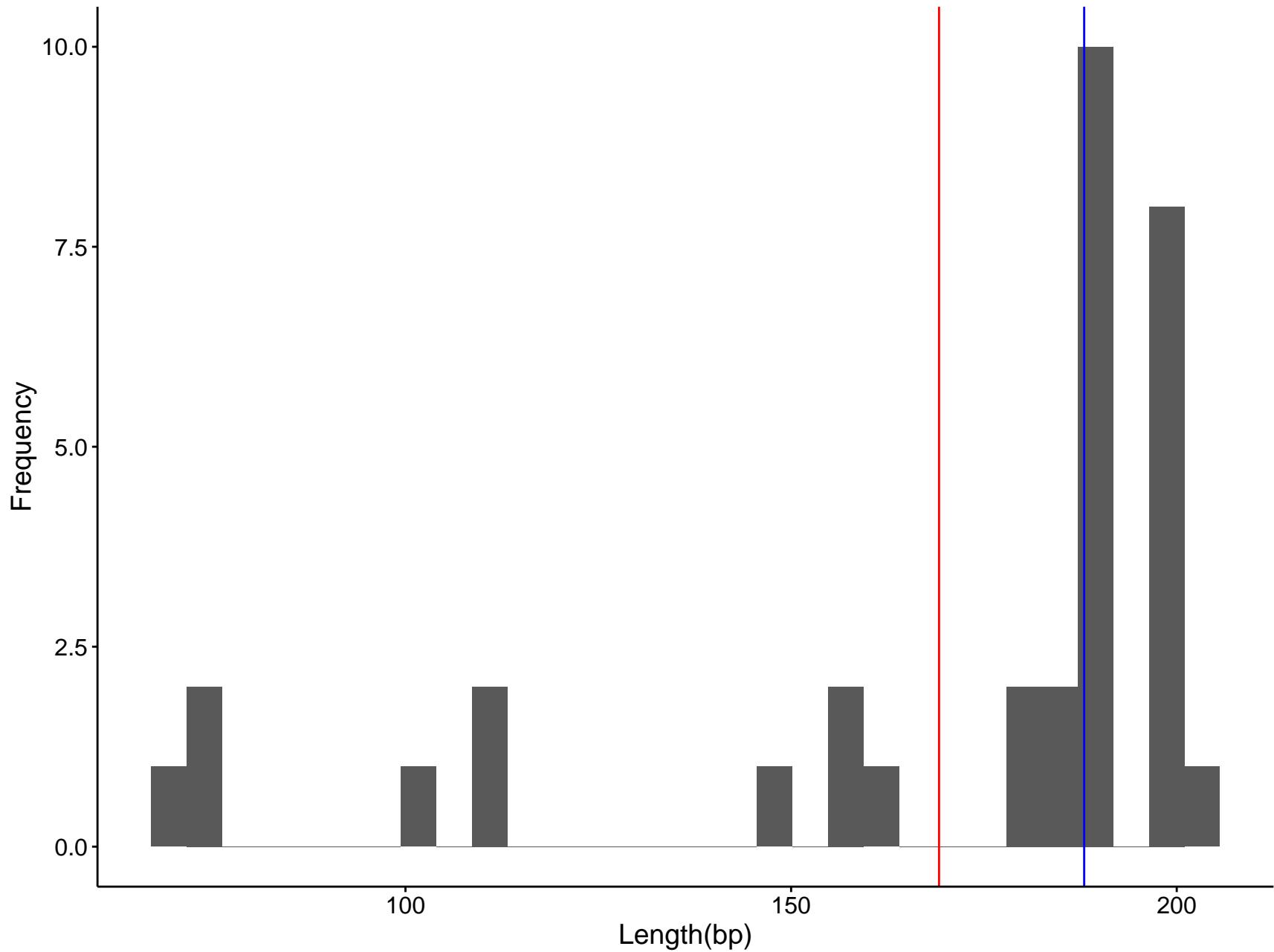
Cluster2344



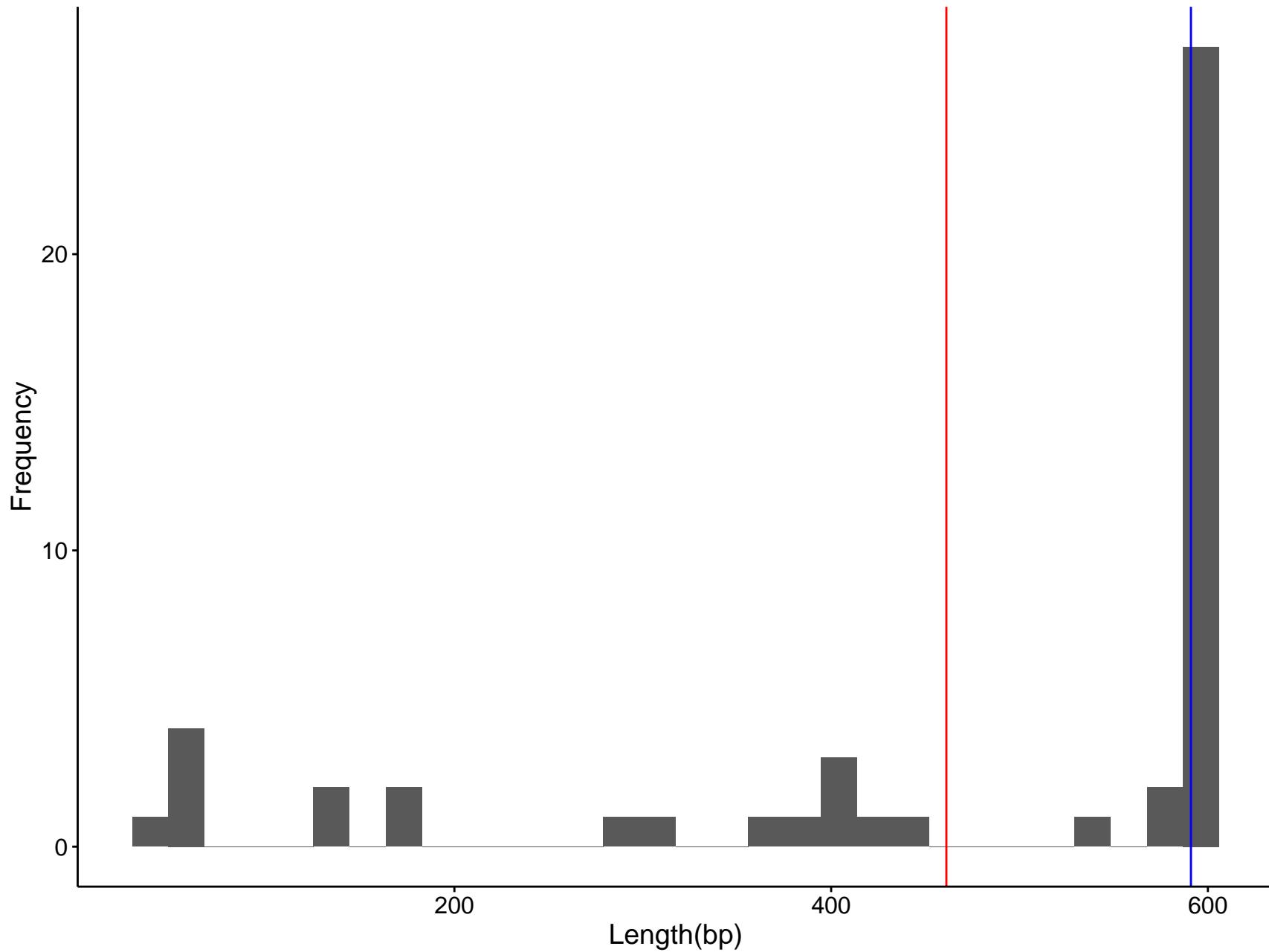
Cluster2346



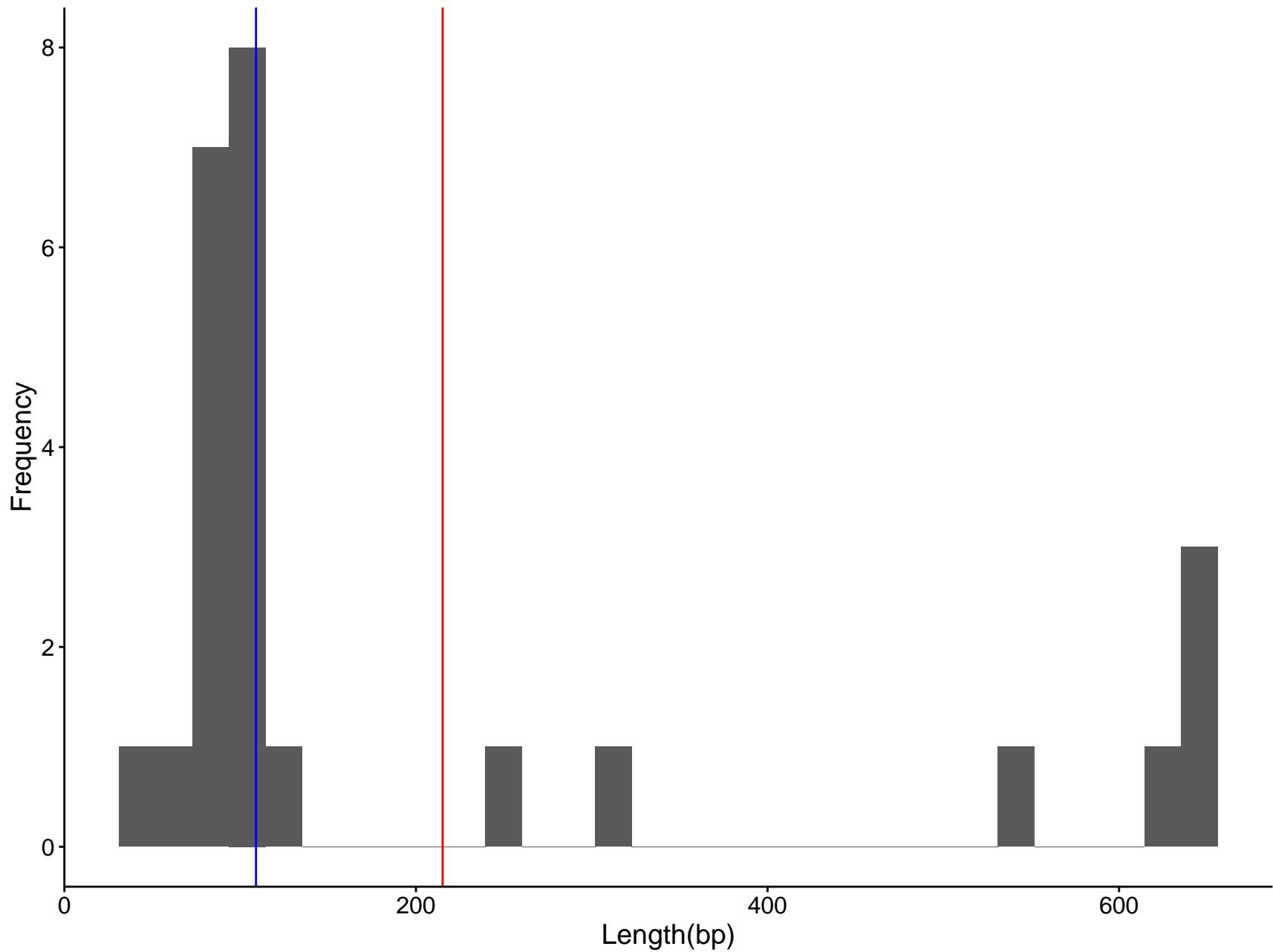
Cluster2347



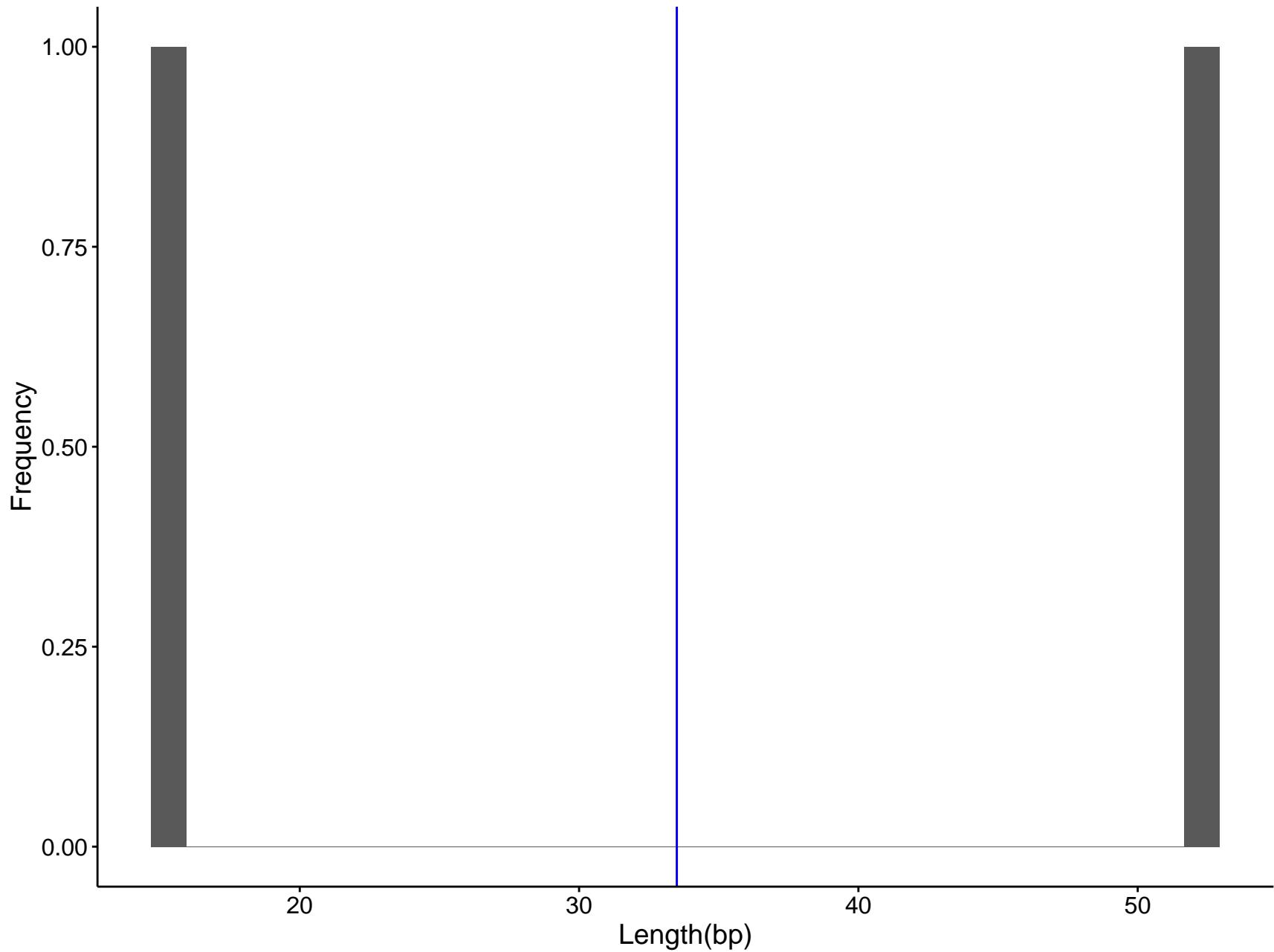
Cluster2348



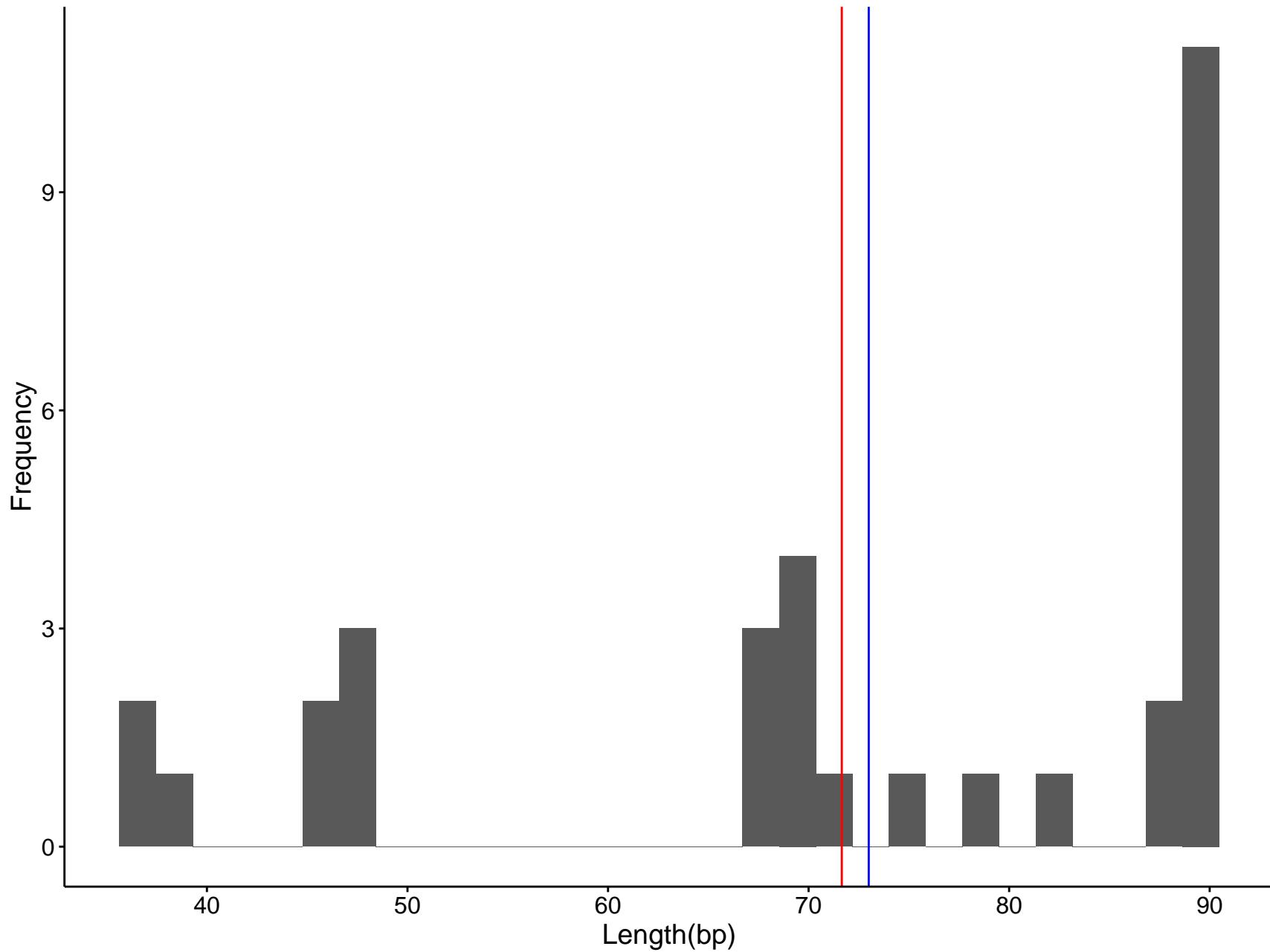
Cluster2349



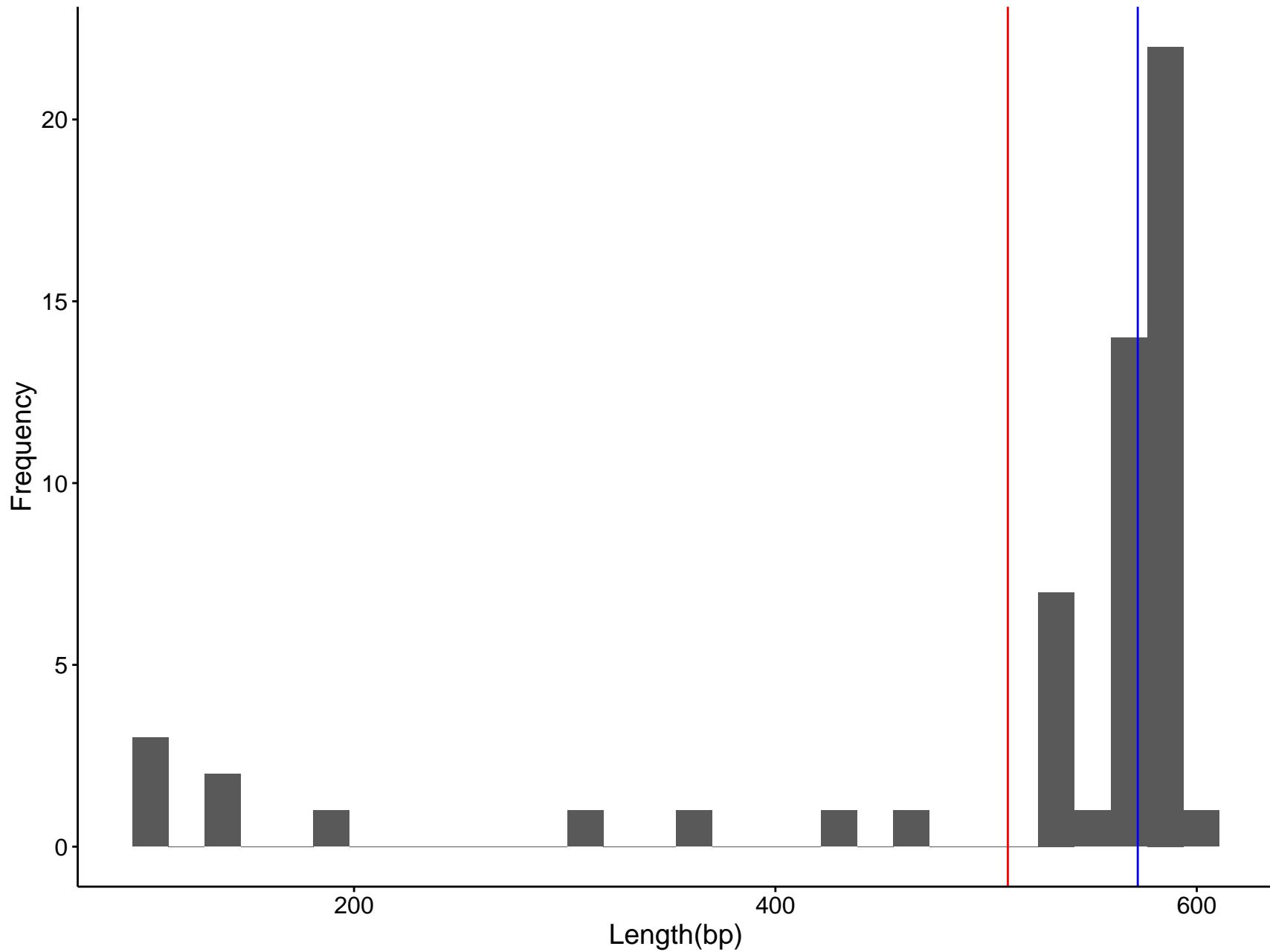
Cluster234



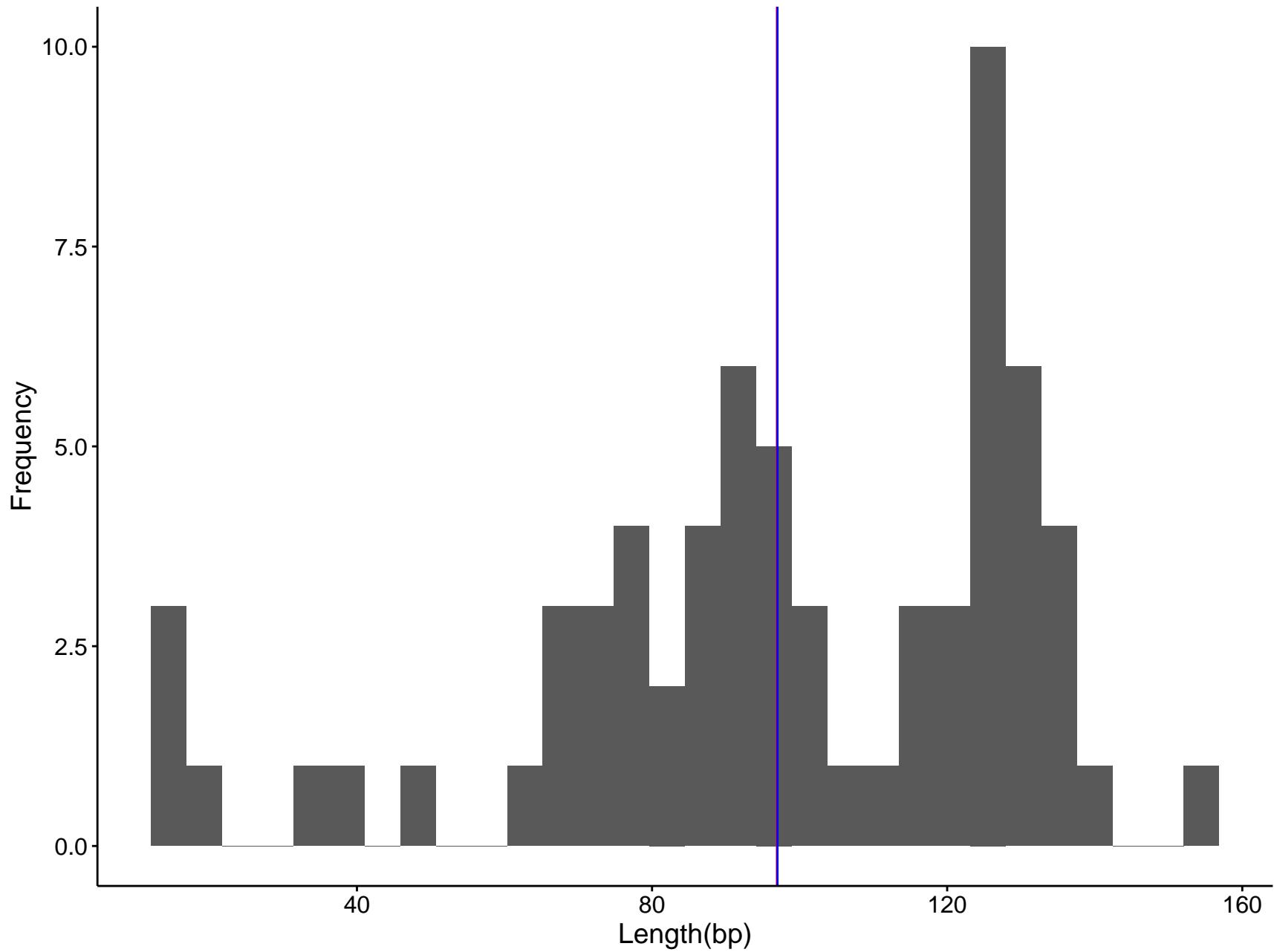
Cluster2350



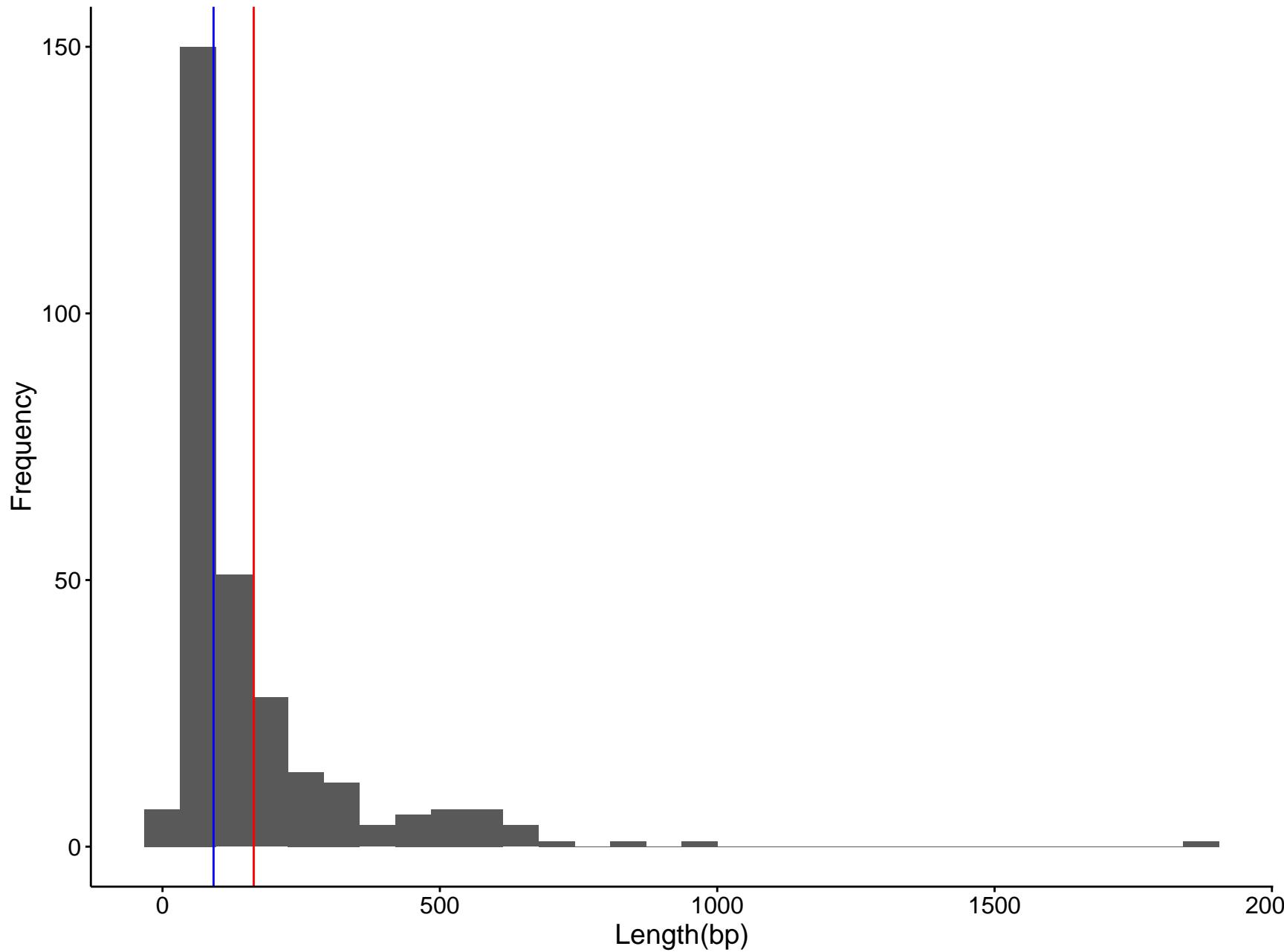
Cluster2351



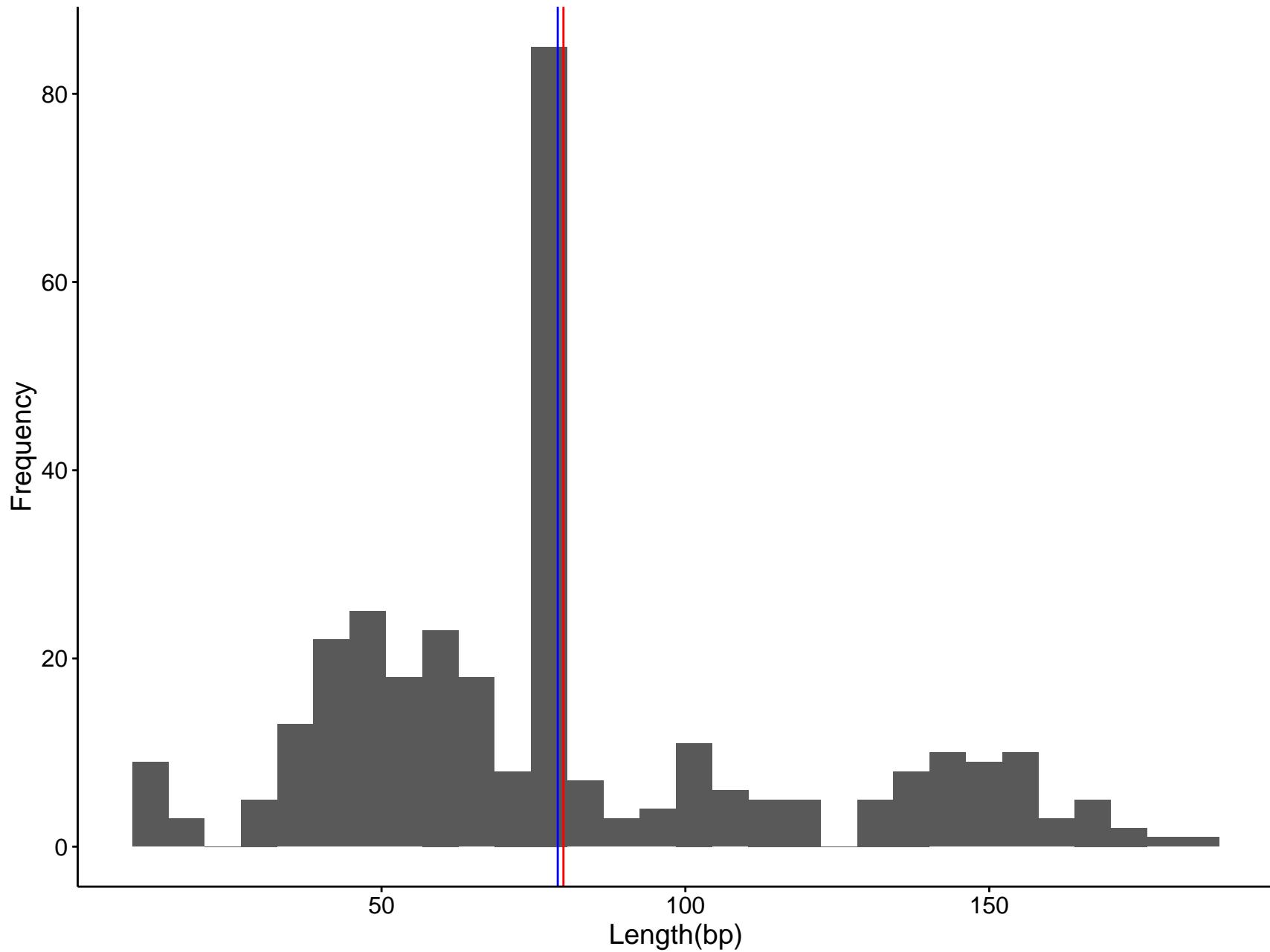
Cluster2352



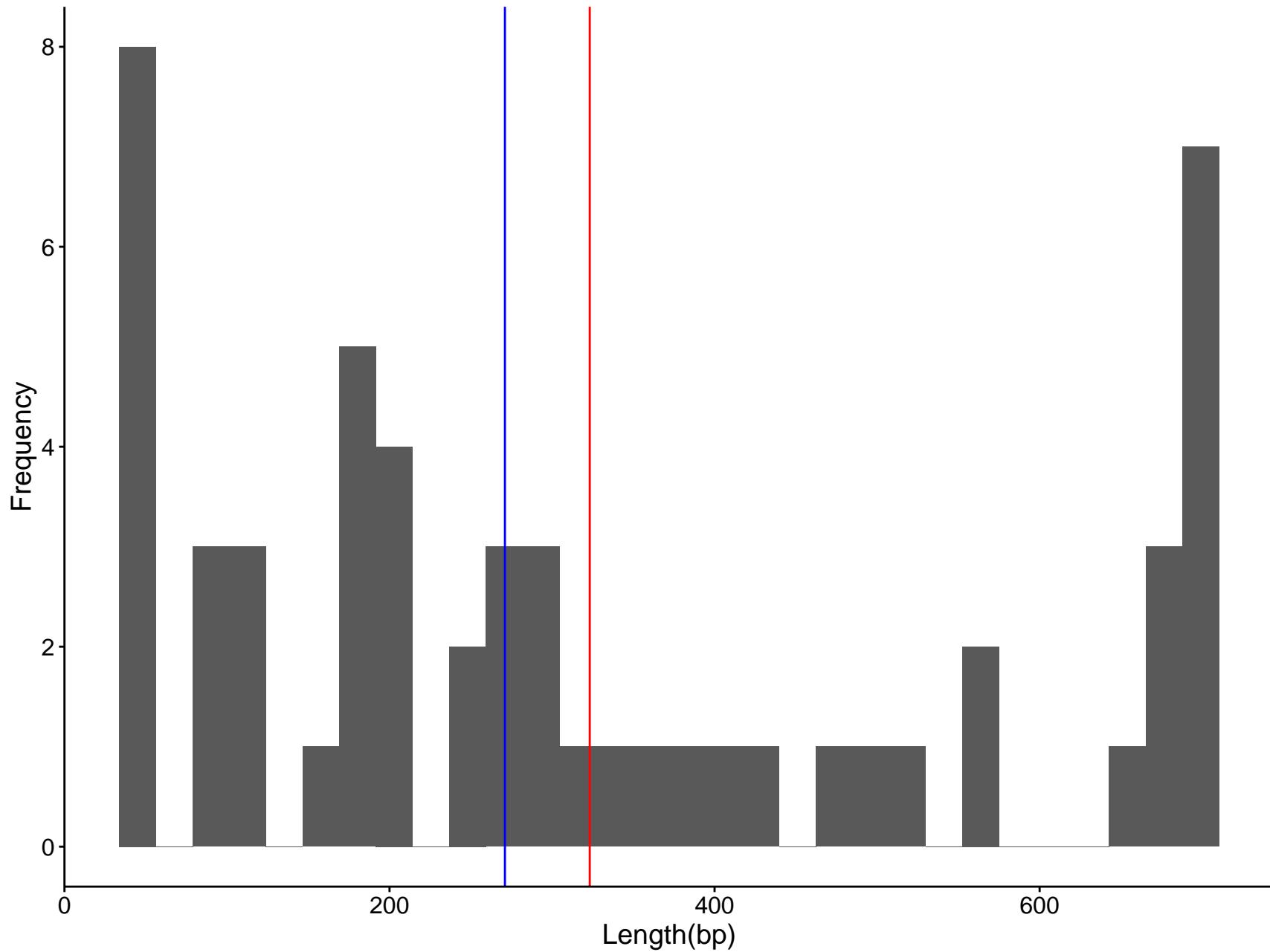
Cluster2353



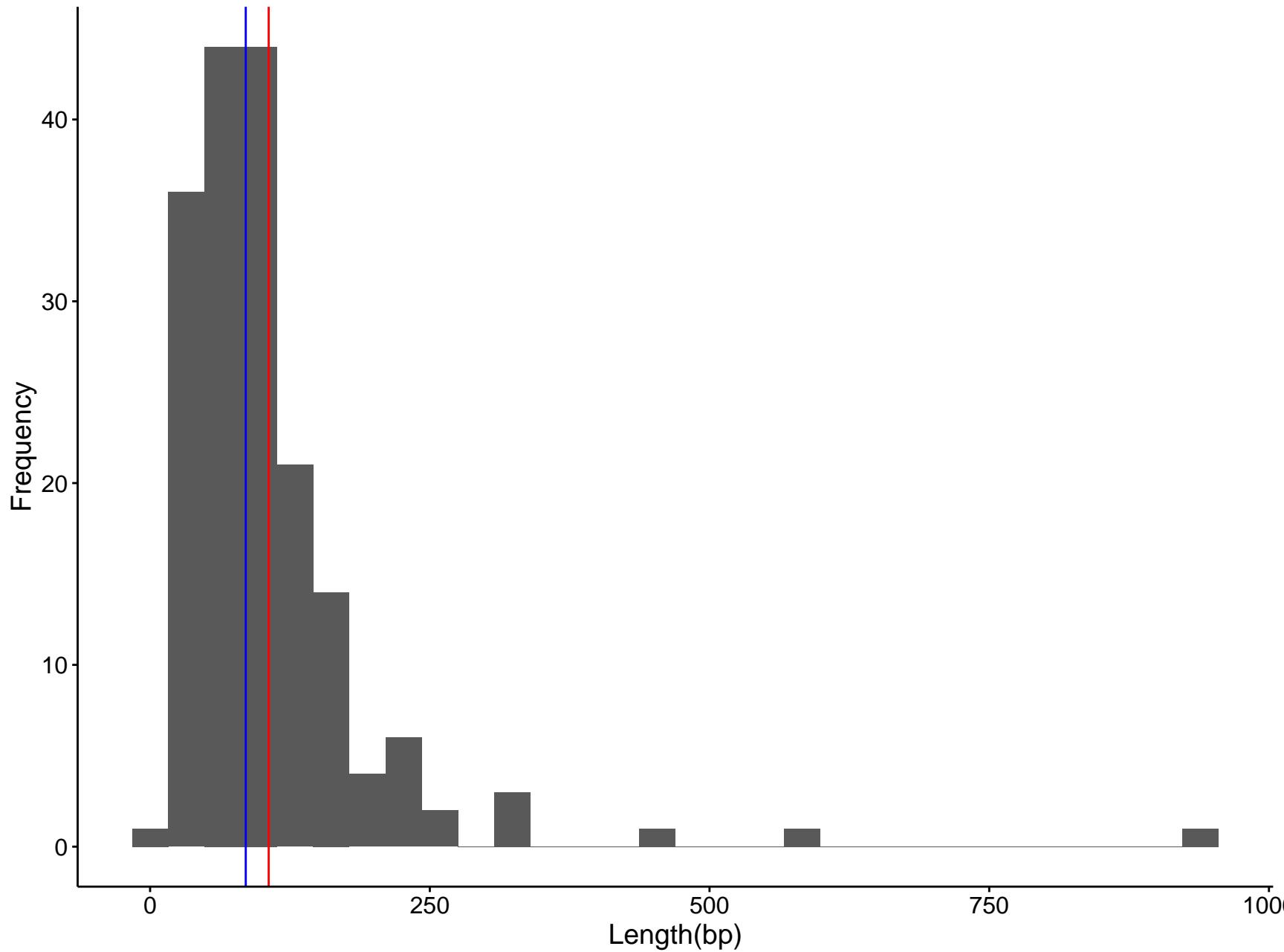
Cluster2354



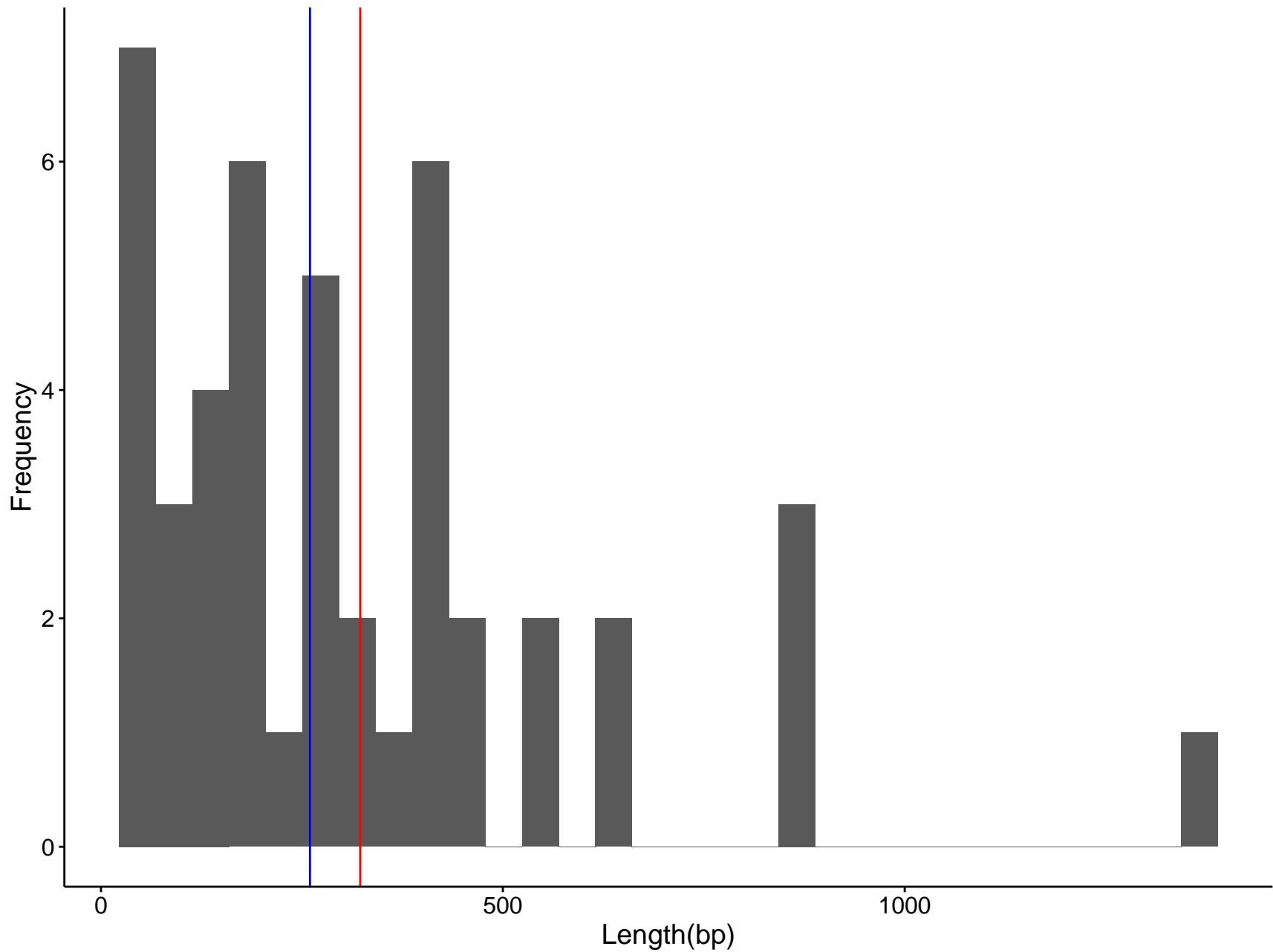
Cluster2355



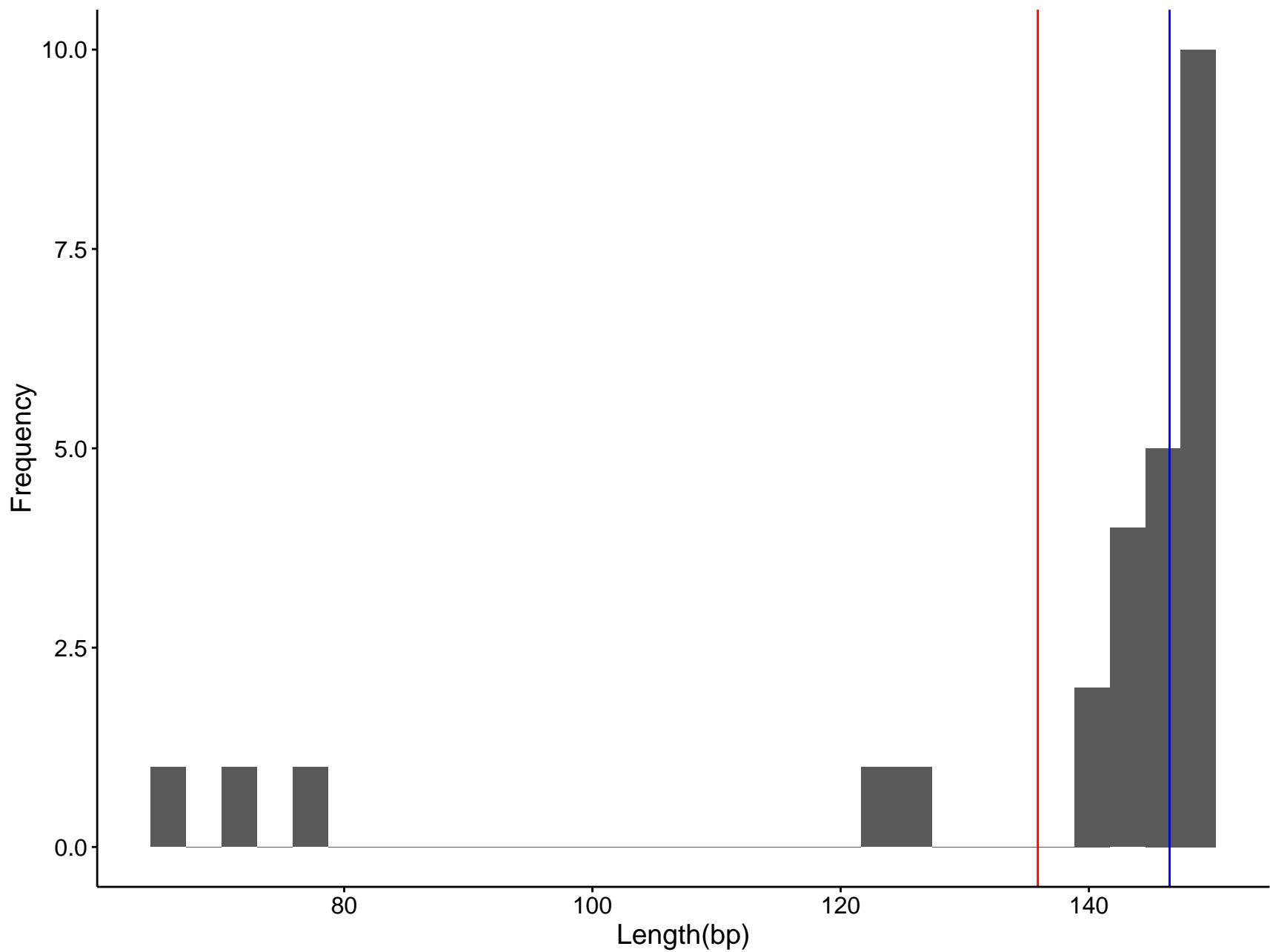
Cluster2357



Cluster2359



Cluster2360



Cluster2361

Frequency

880.950

880.975

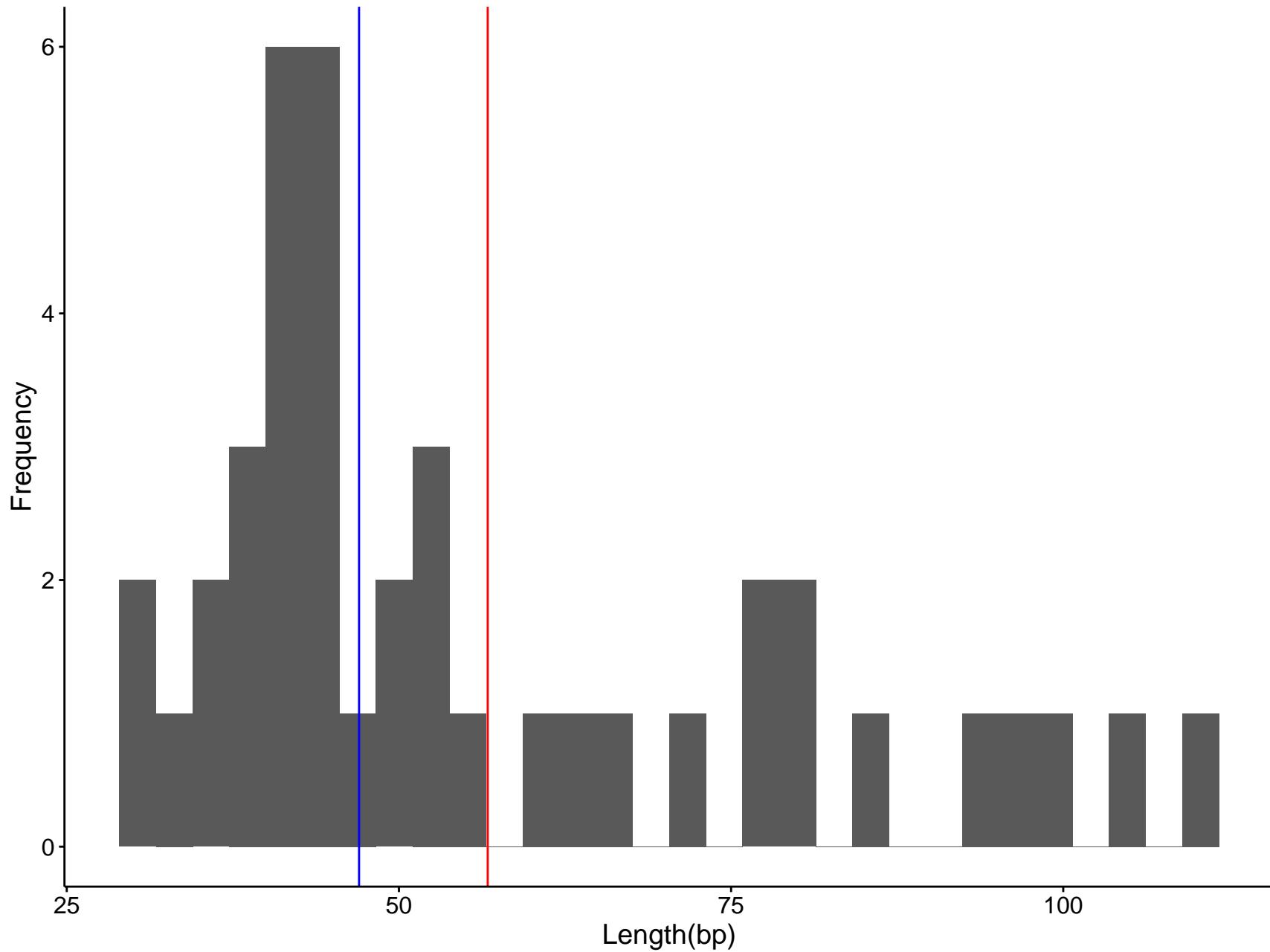
881.000

881.025

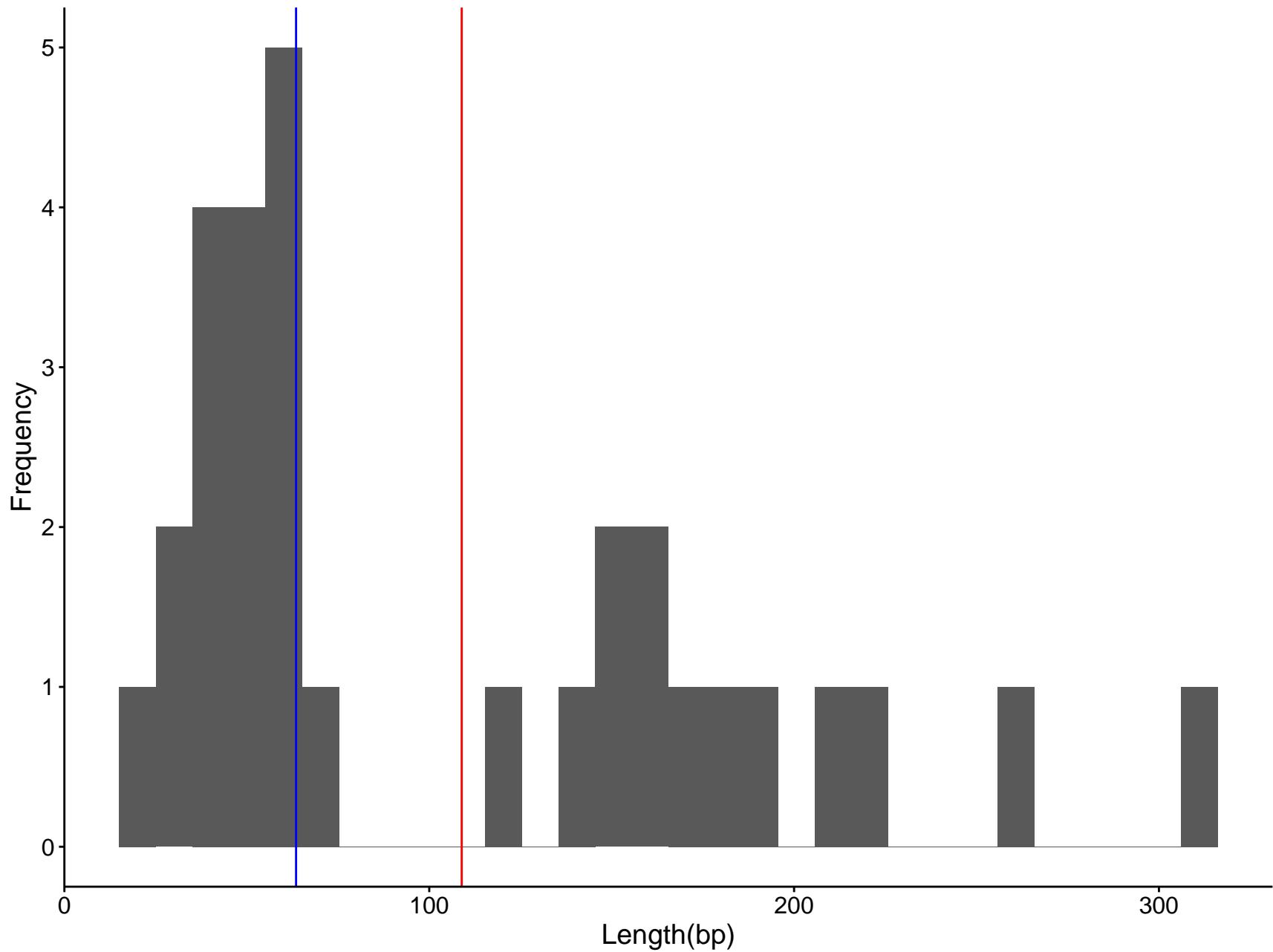
Length(bp)



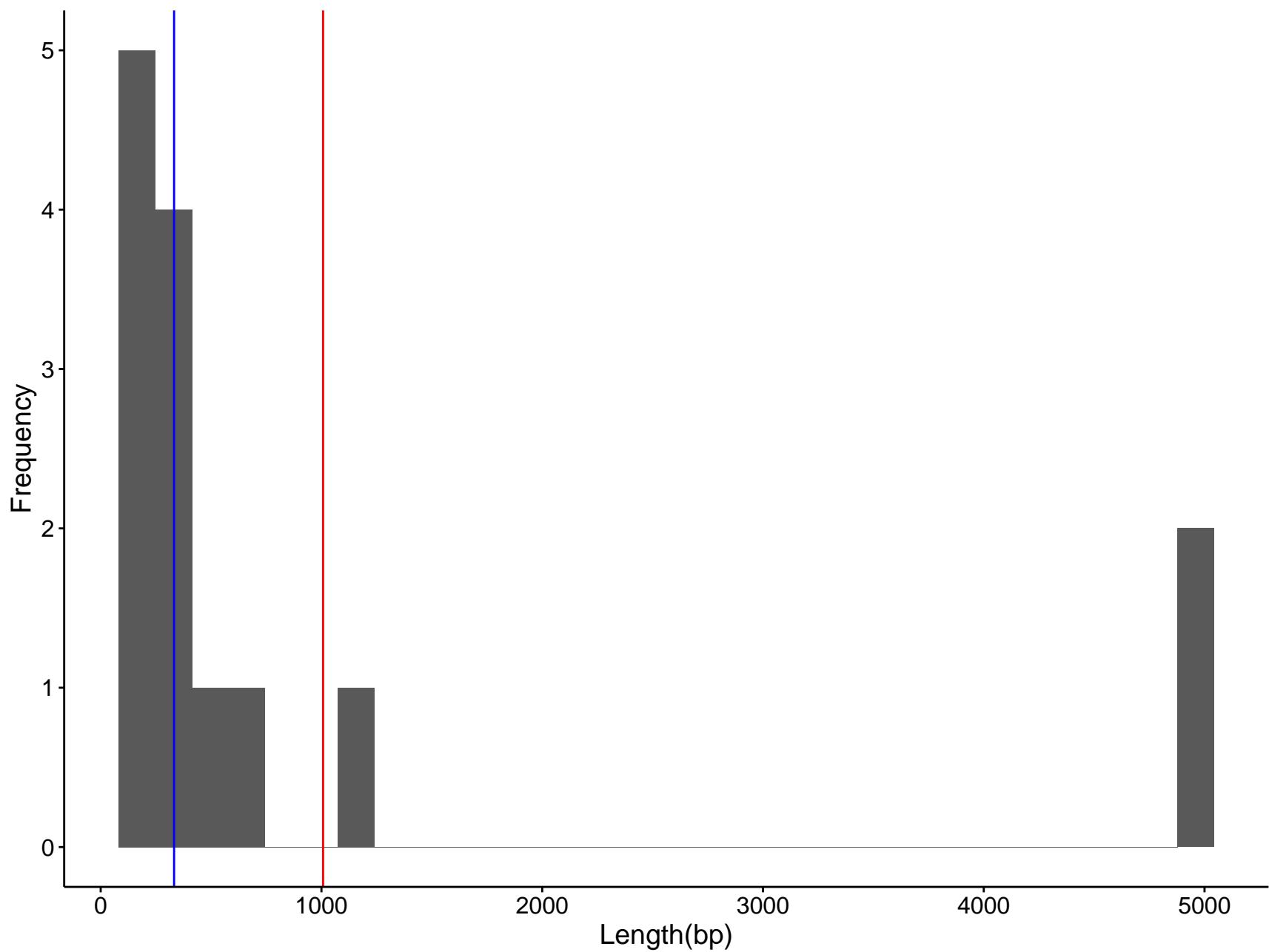
Cluster2366



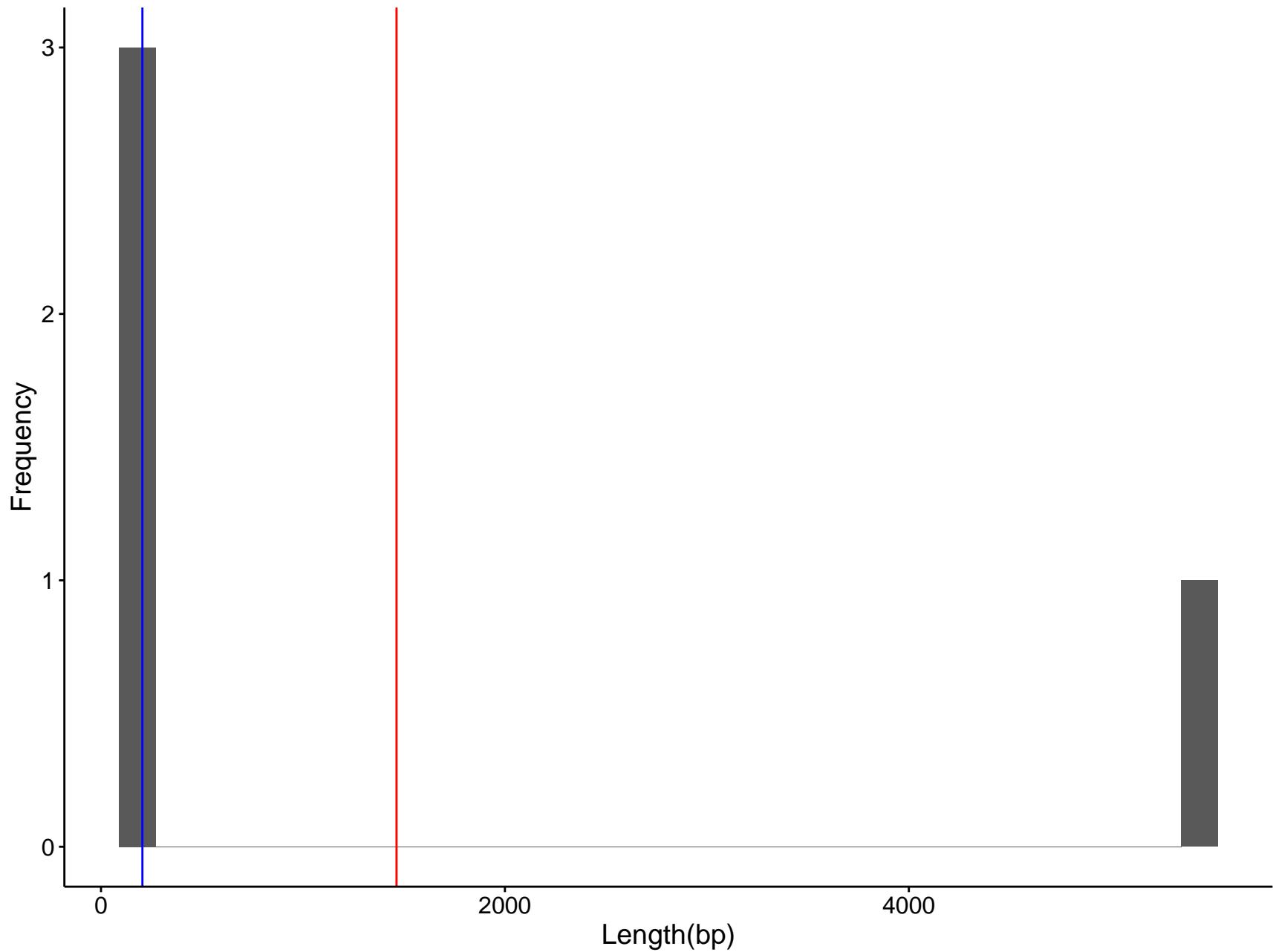
Cluster2367



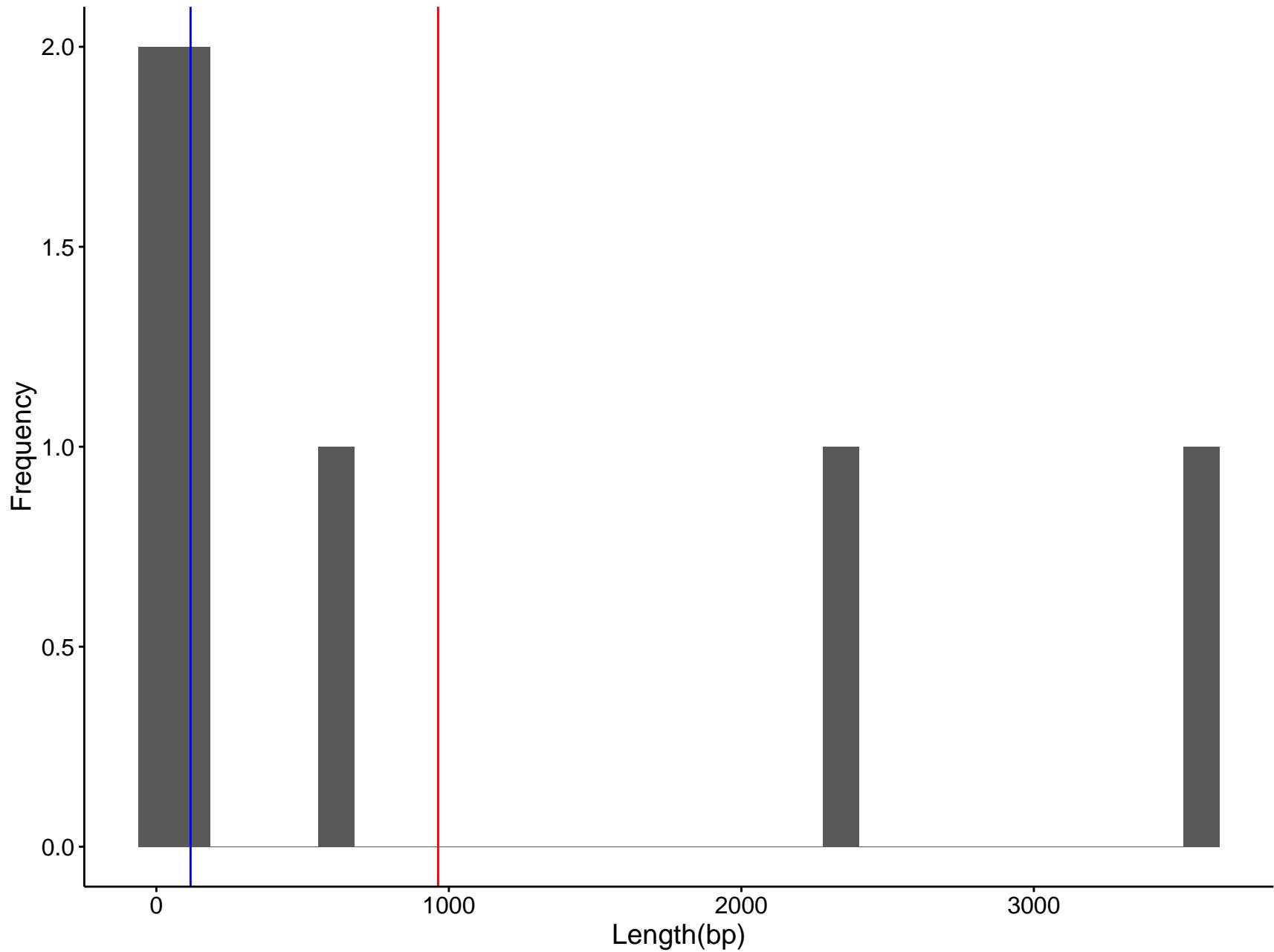
Cluster2368



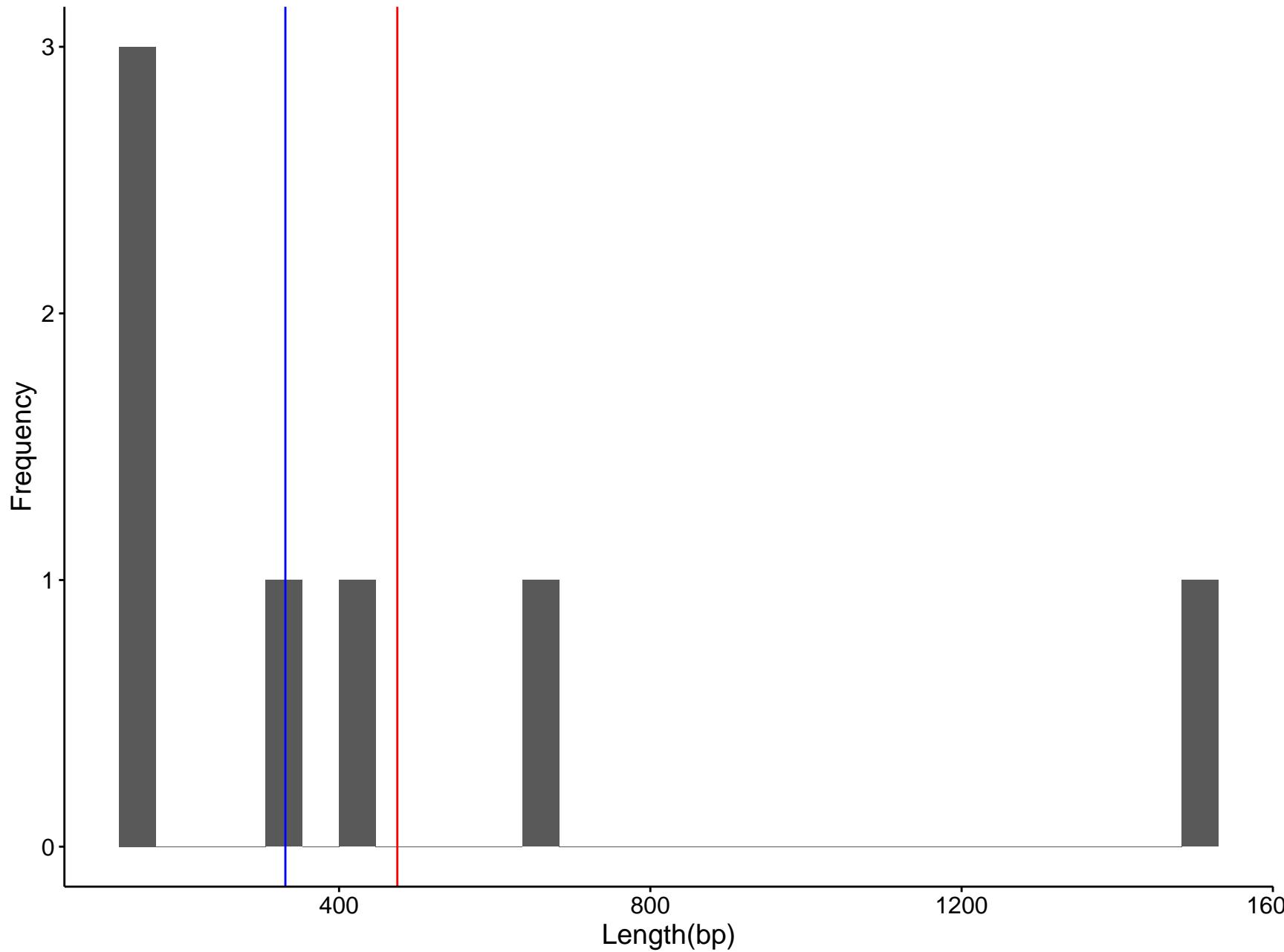
Cluster2369



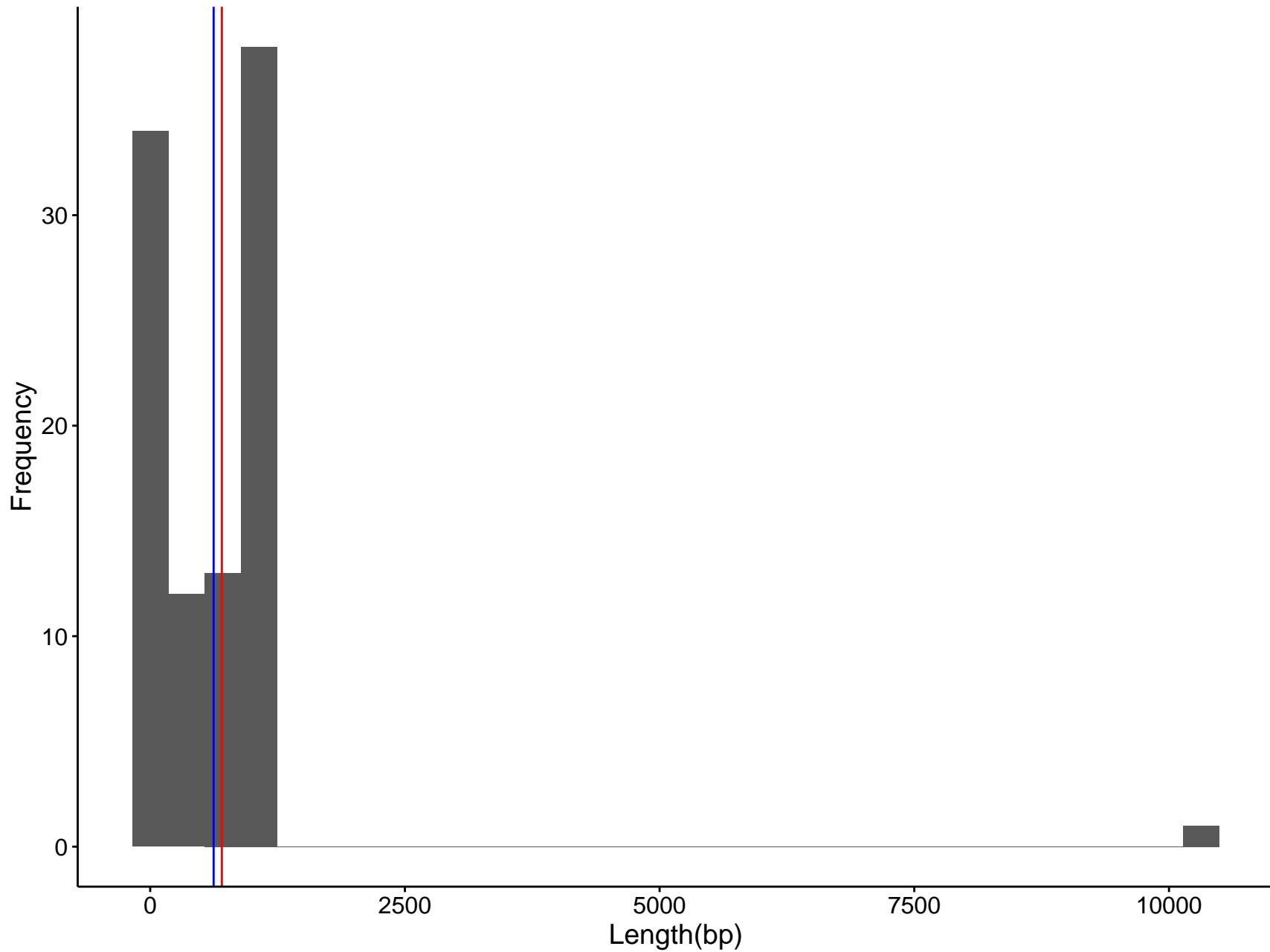
Cluster2370



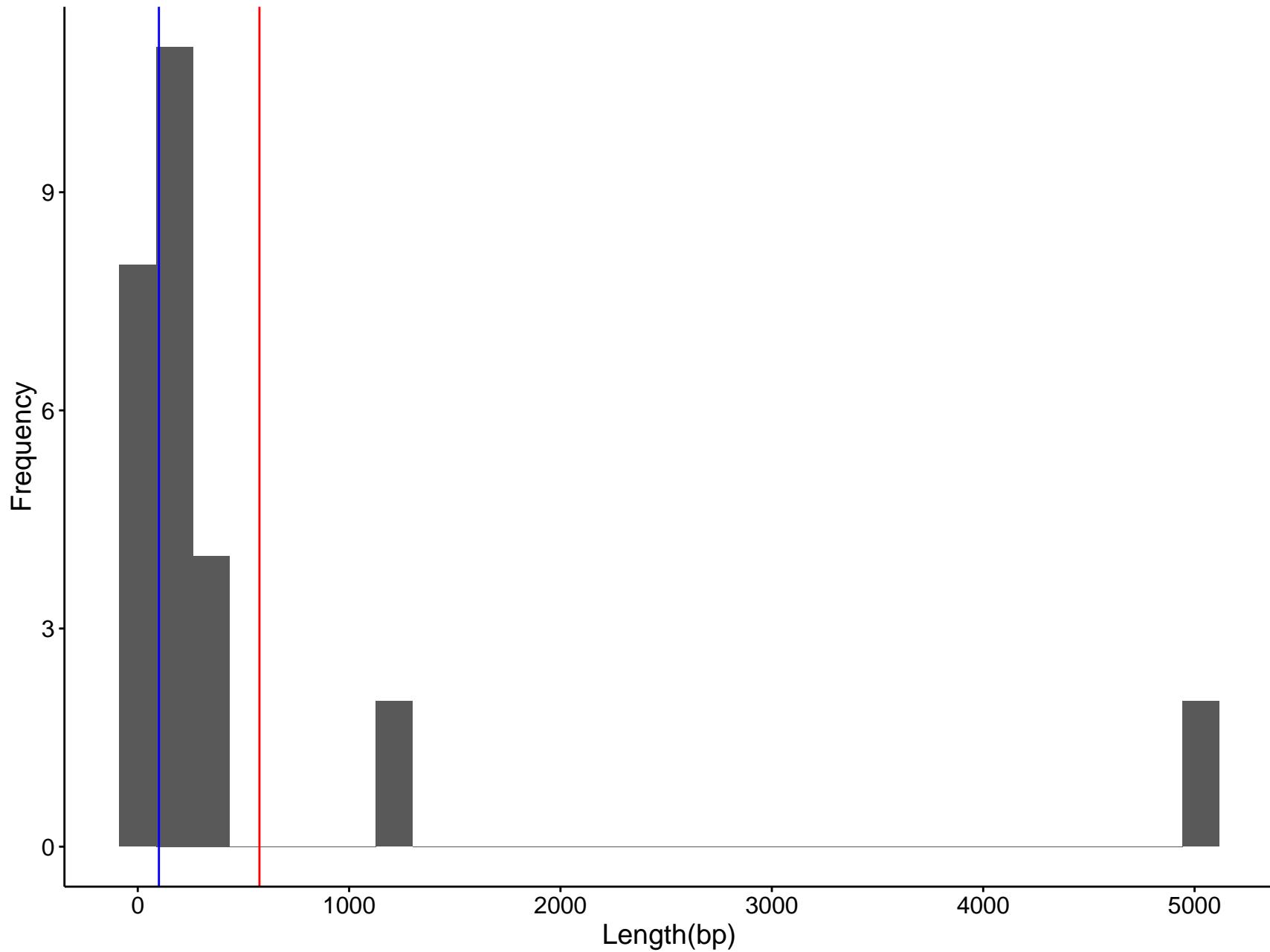
Cluster2371



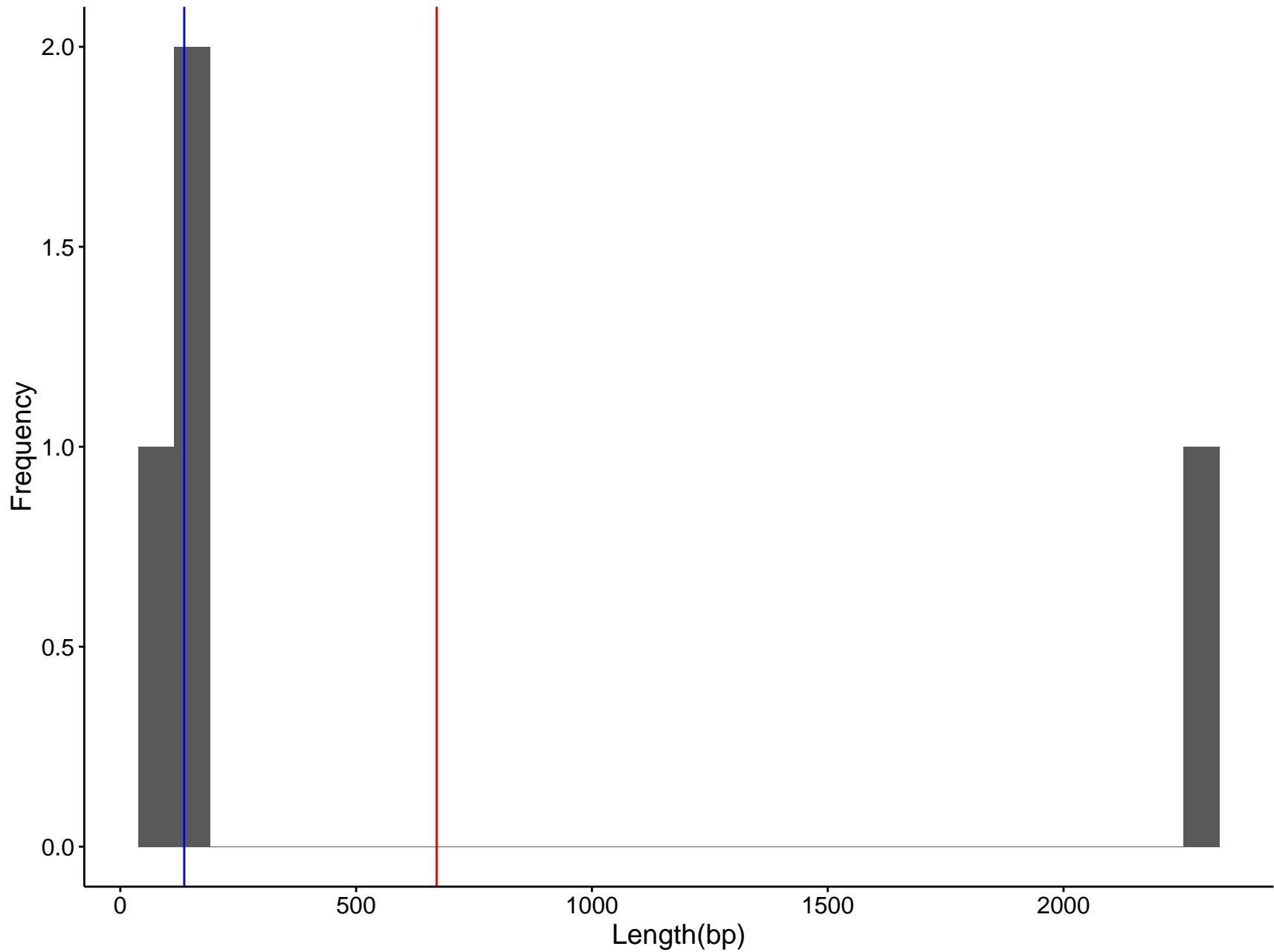
Cluster2372



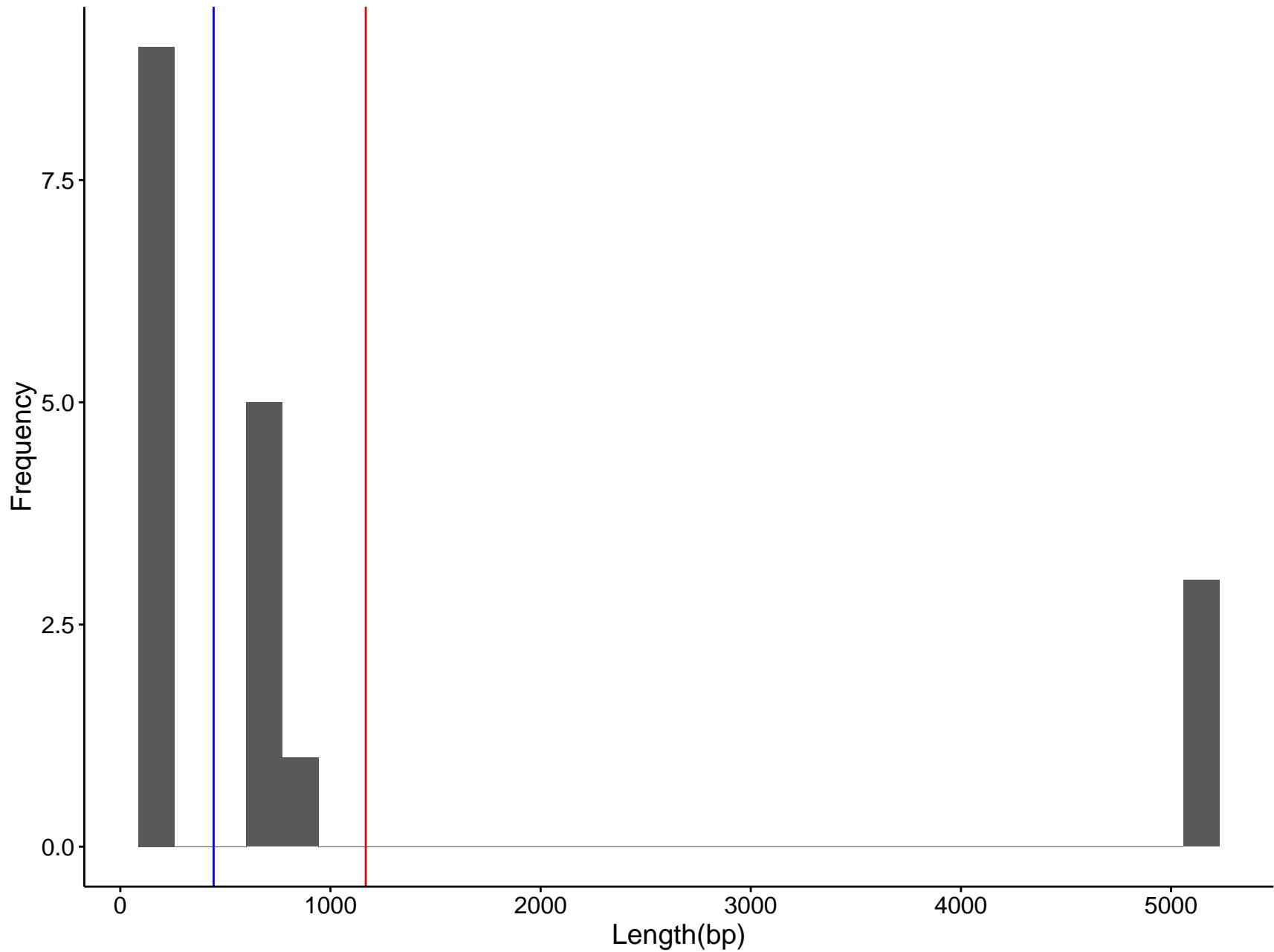
Cluster2373



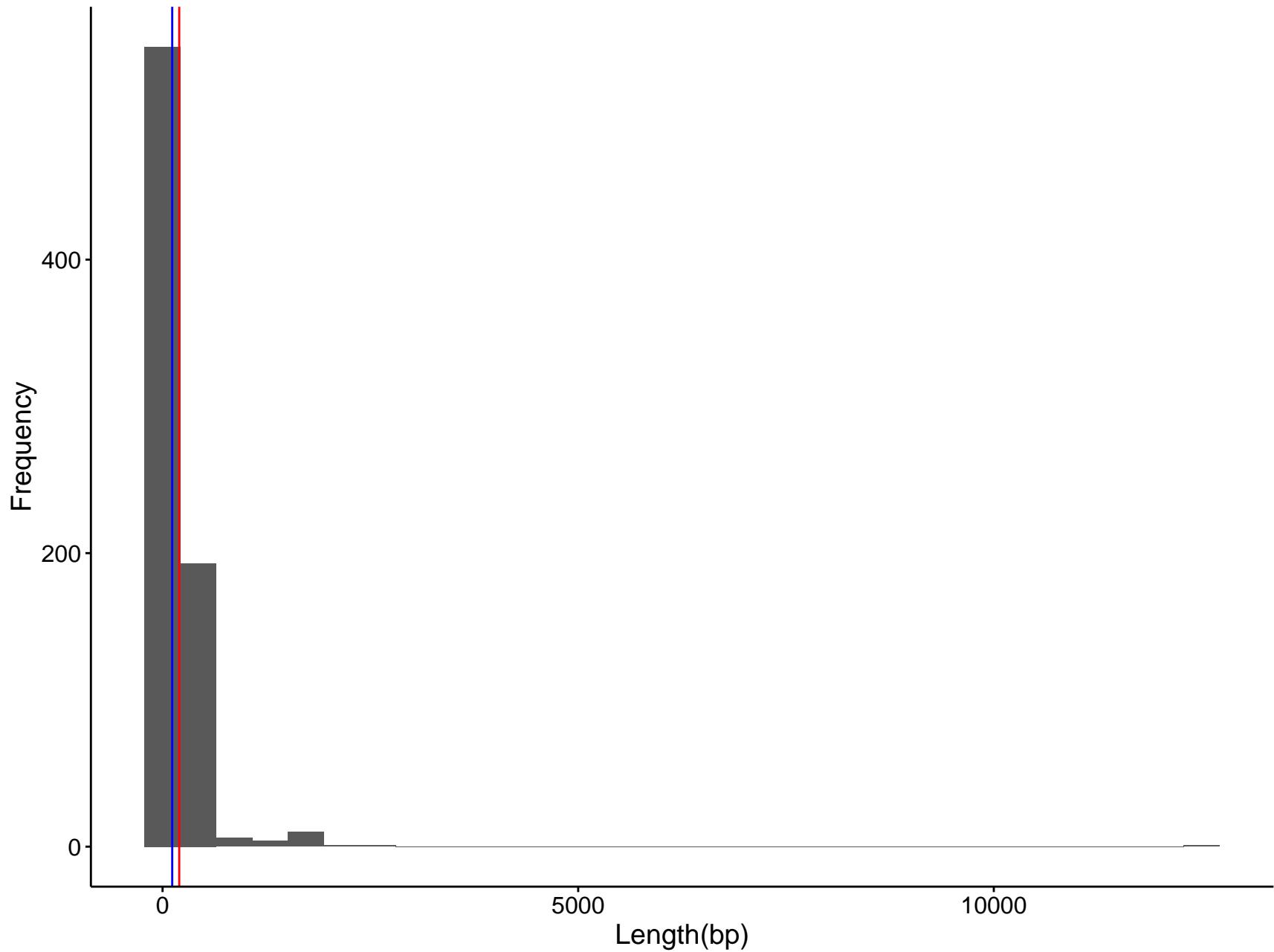
Cluster2374



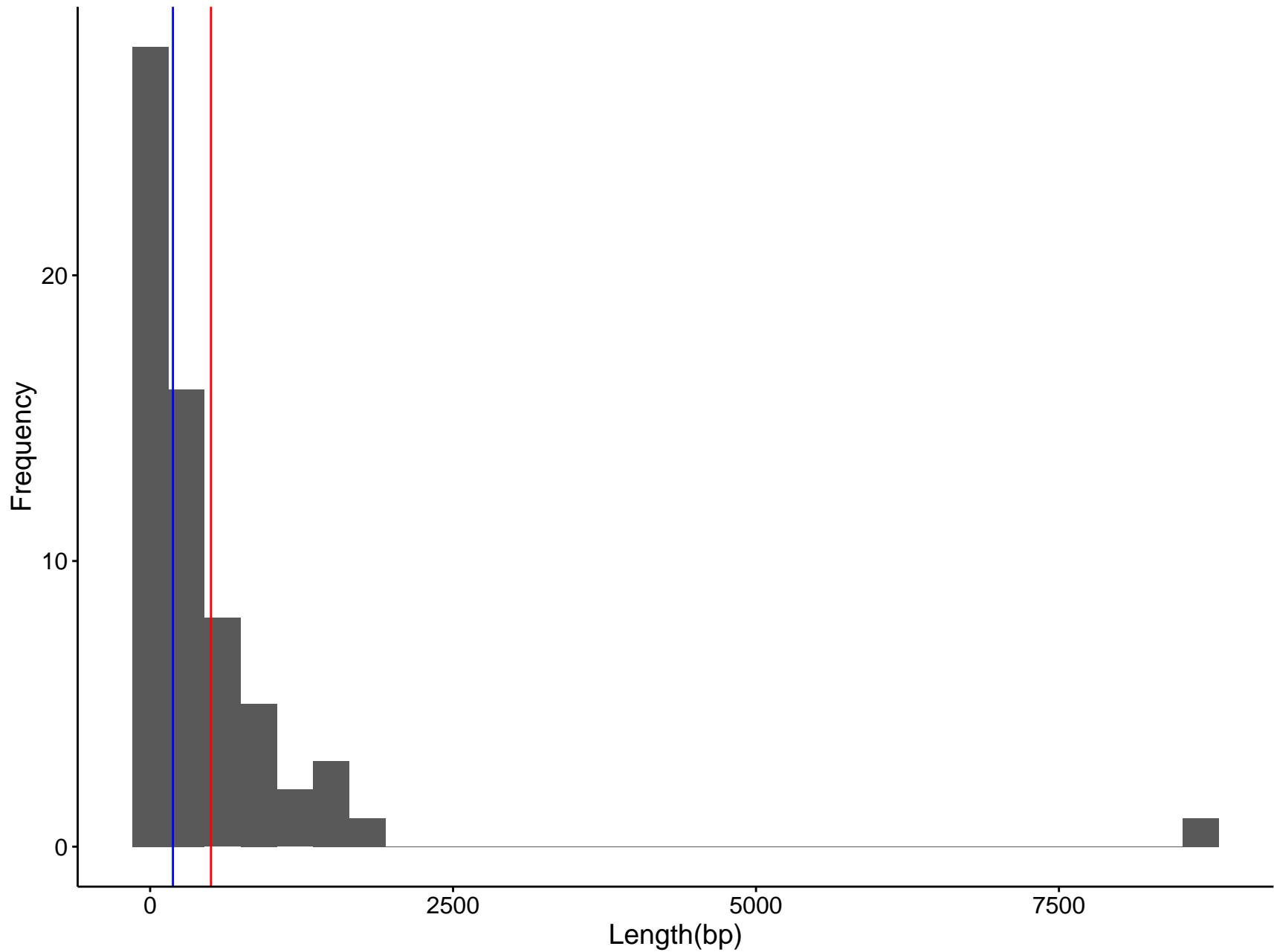
Cluster2376



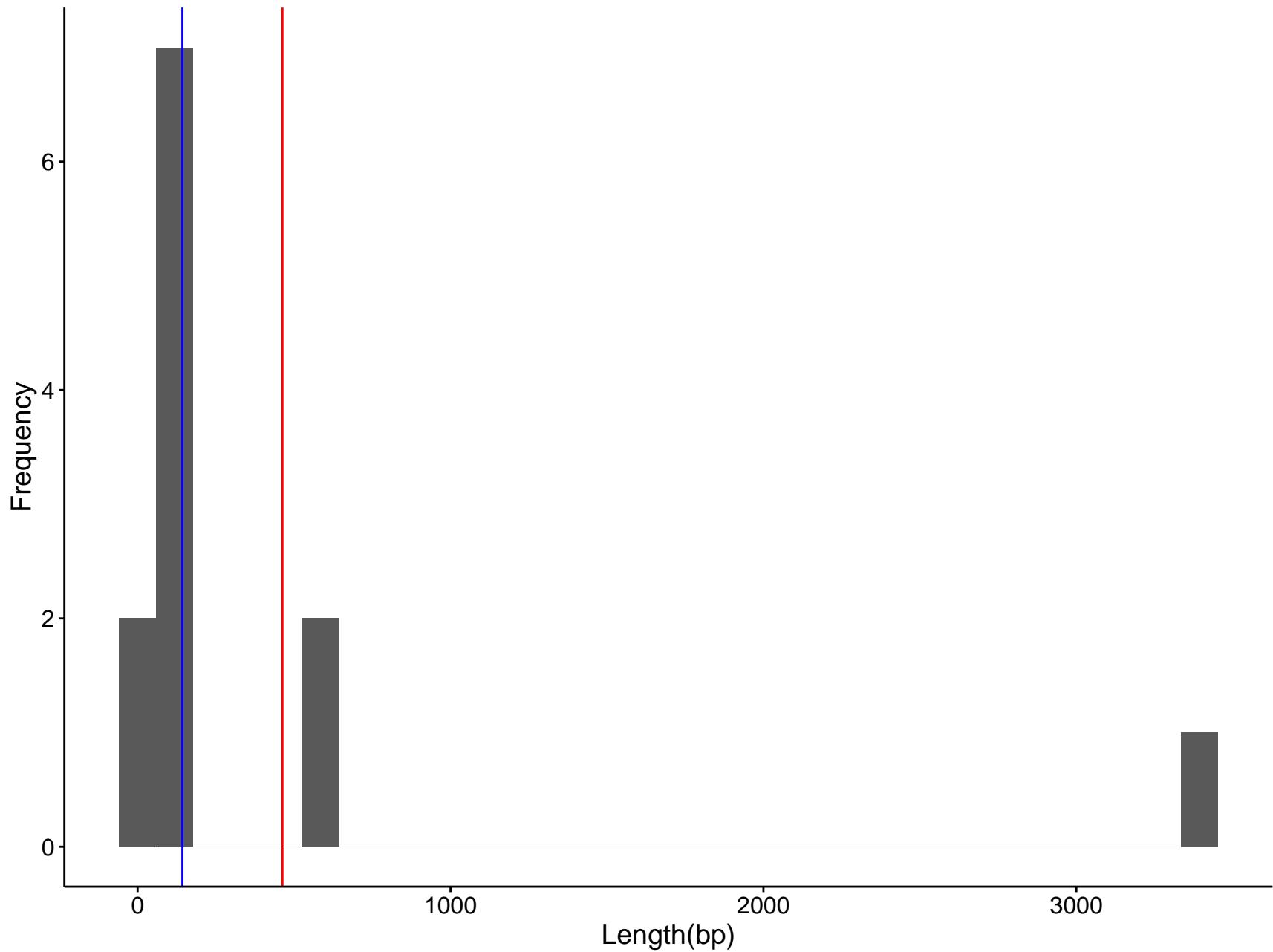
Cluster2377



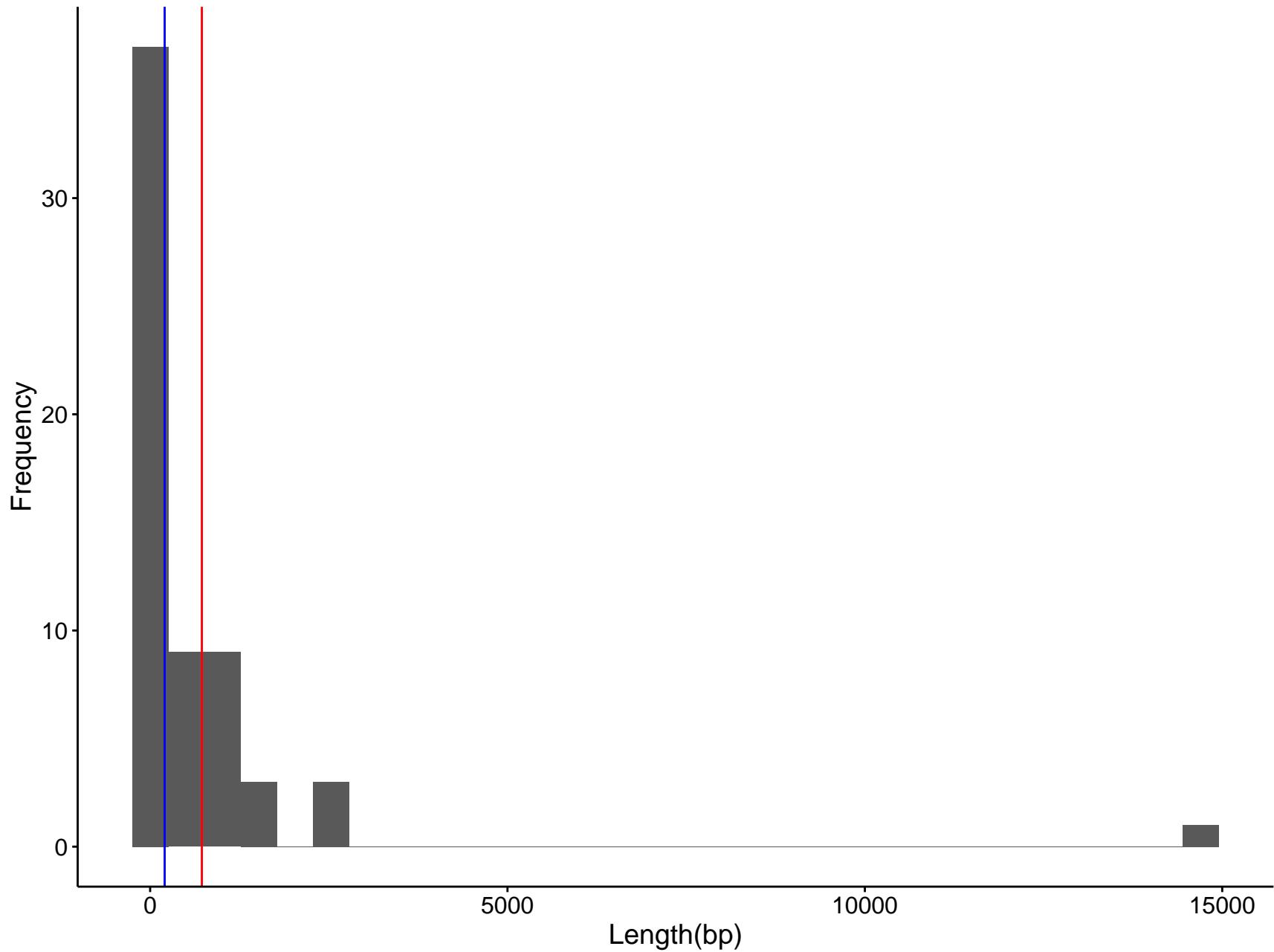
Cluster2378



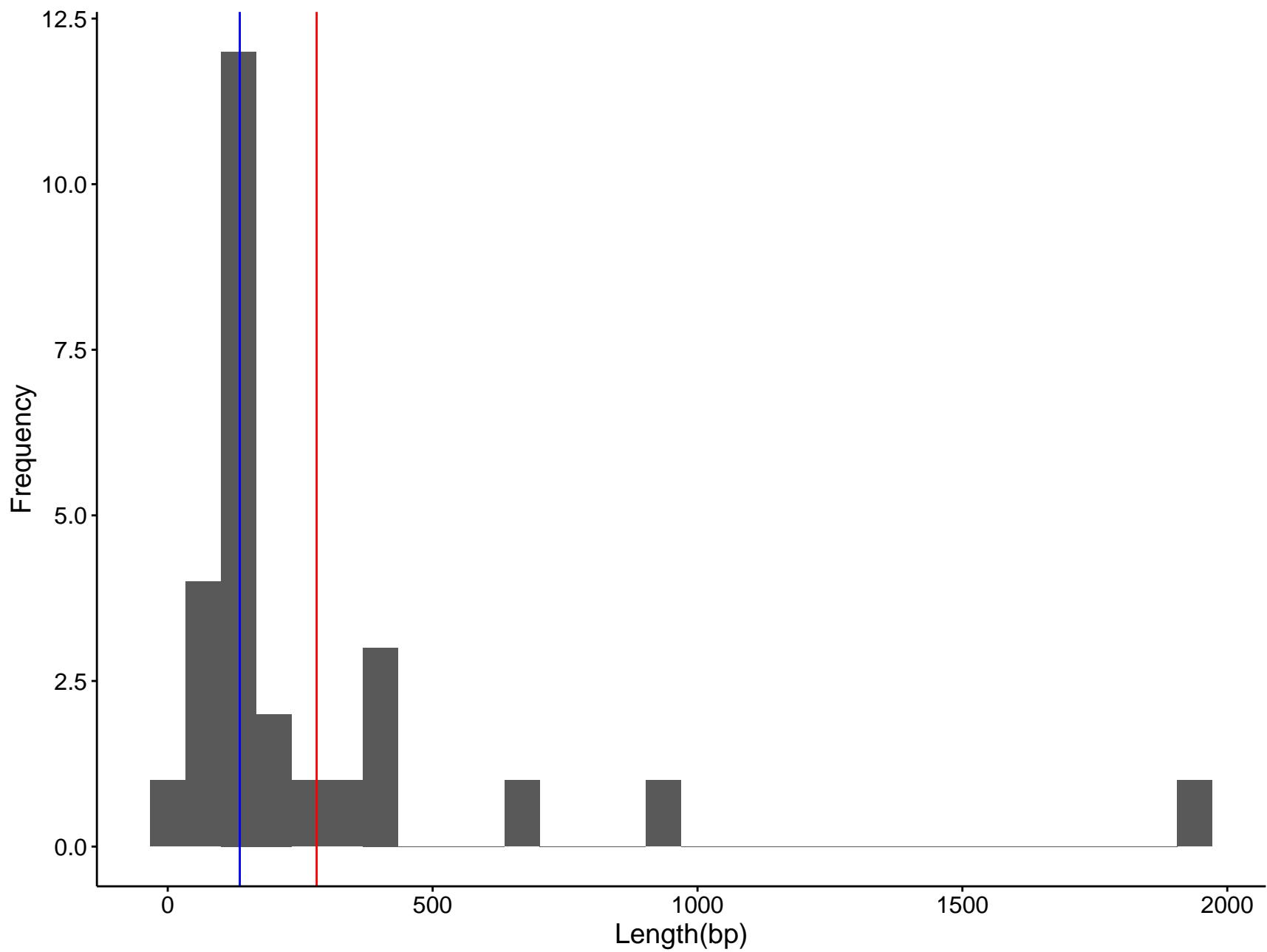
Cluster2379



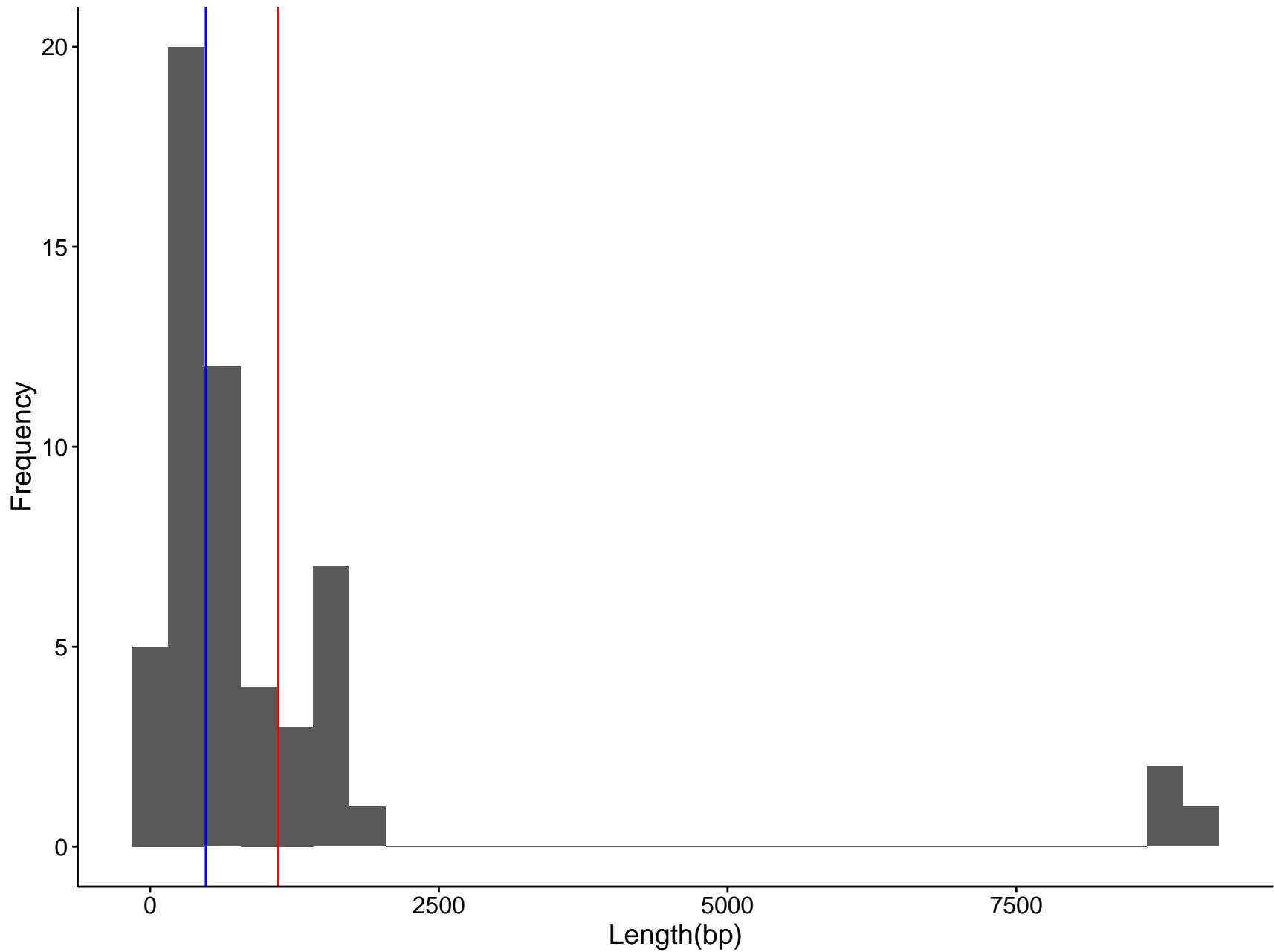
Cluster2380



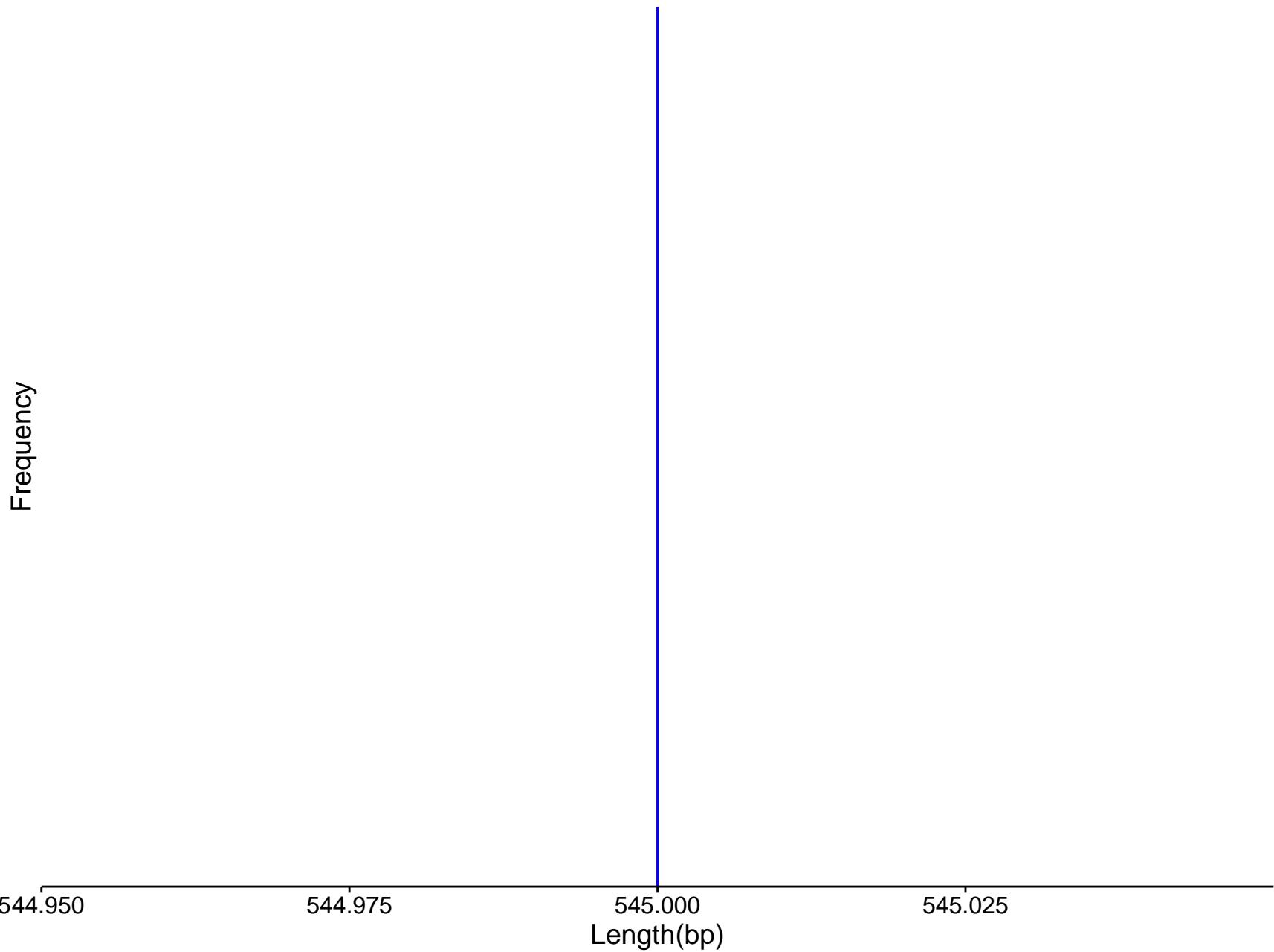
Cluster2381



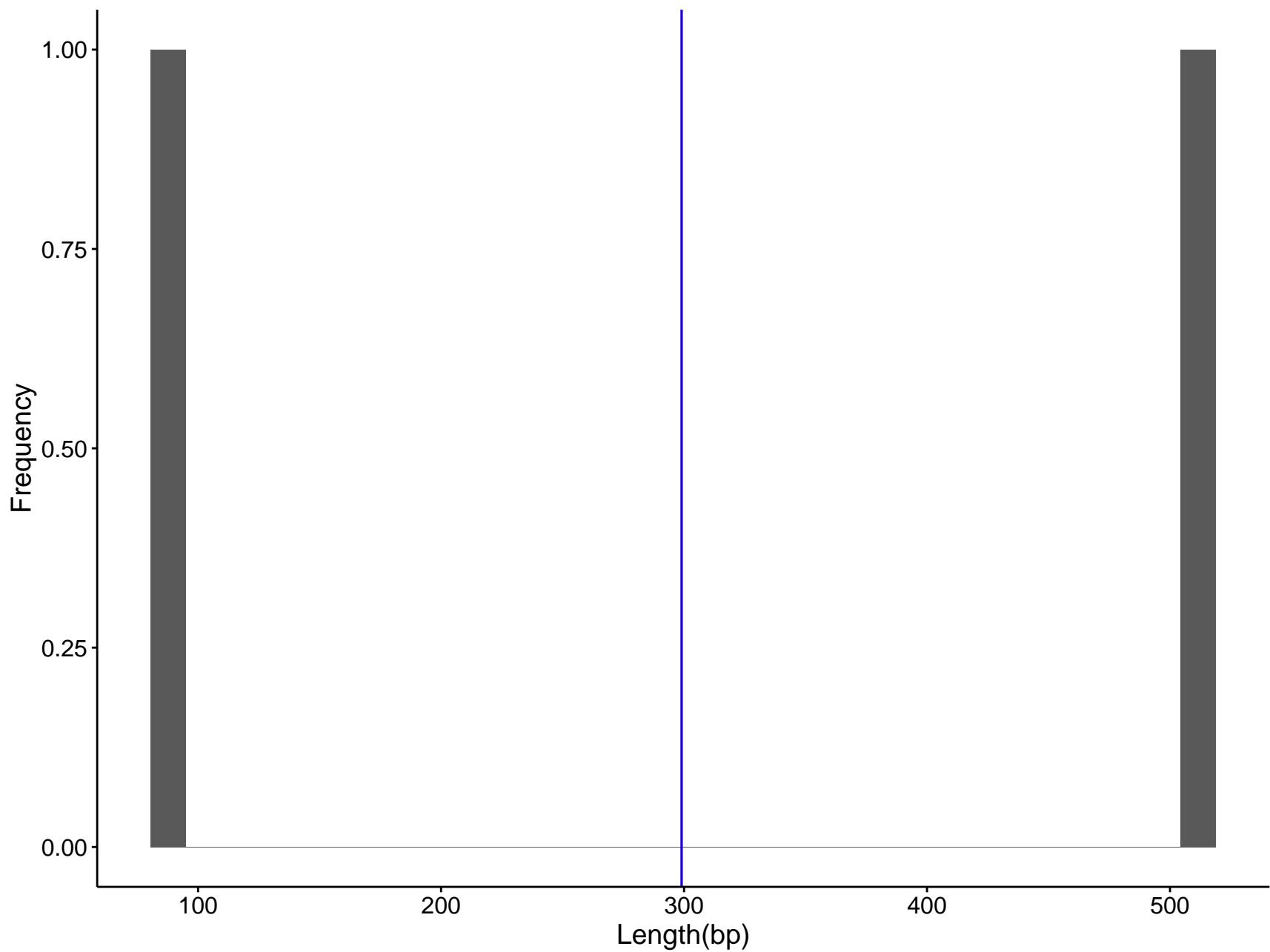
Cluster2382



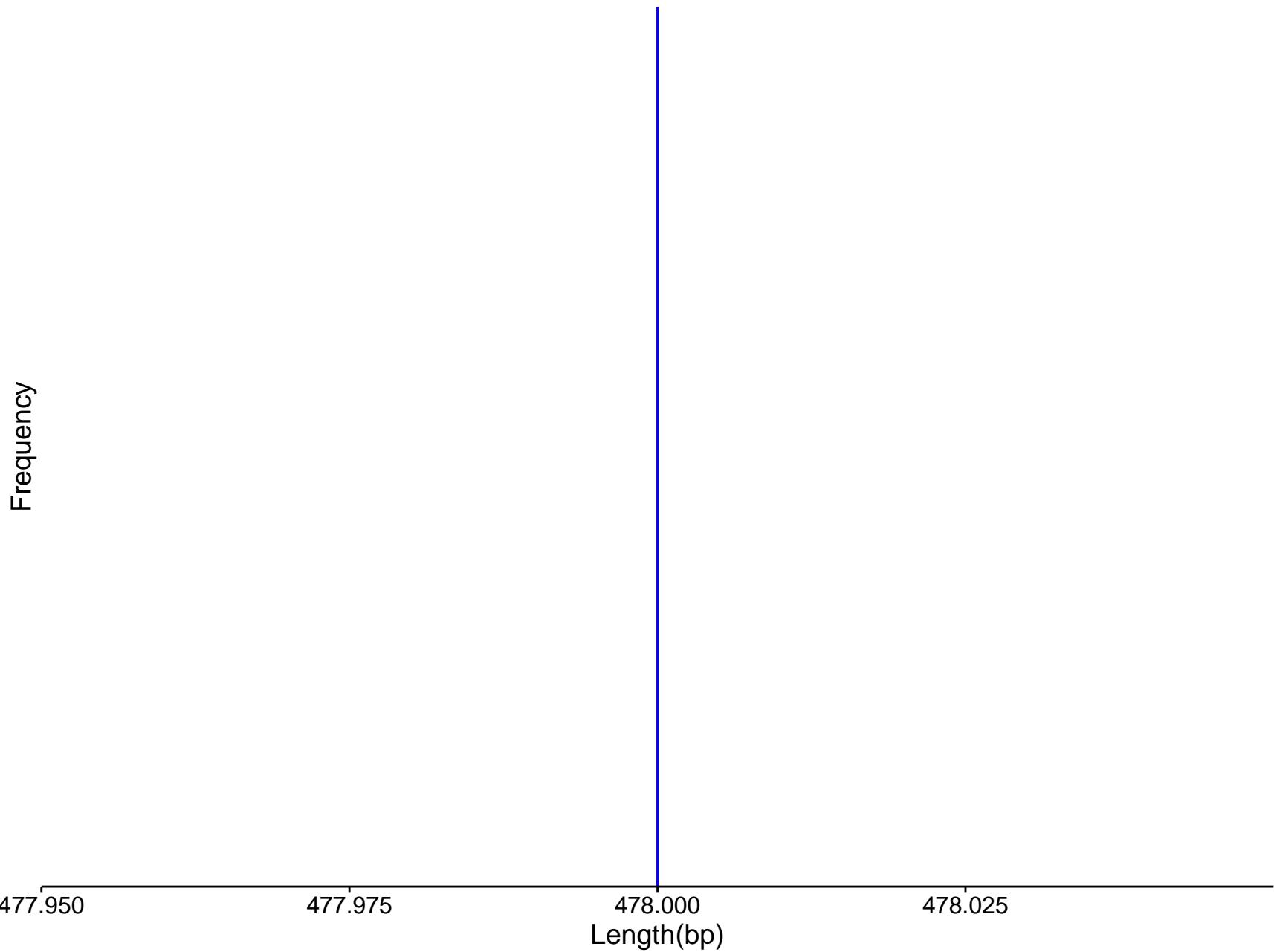
Cluster2383



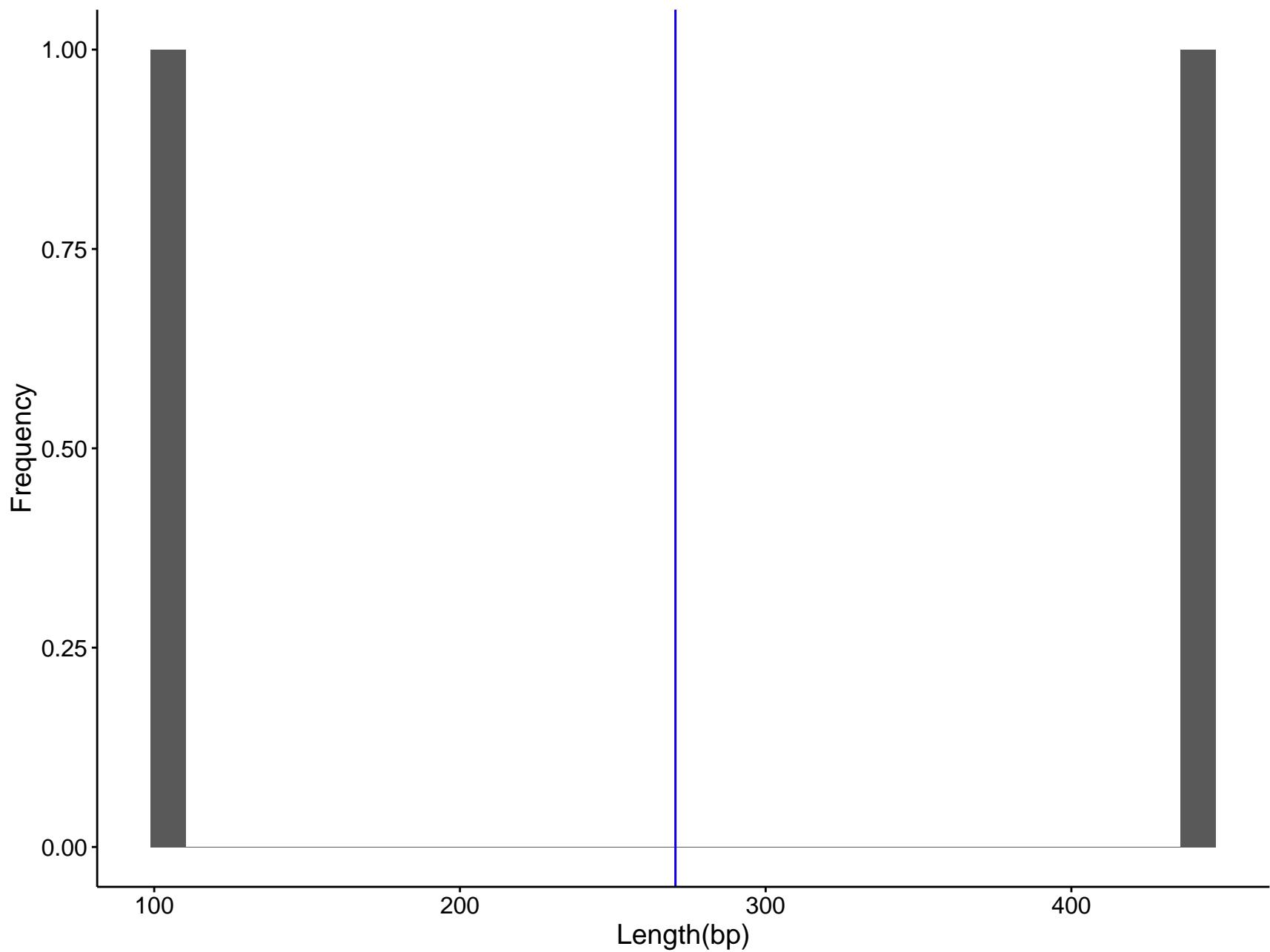
Cluster2384



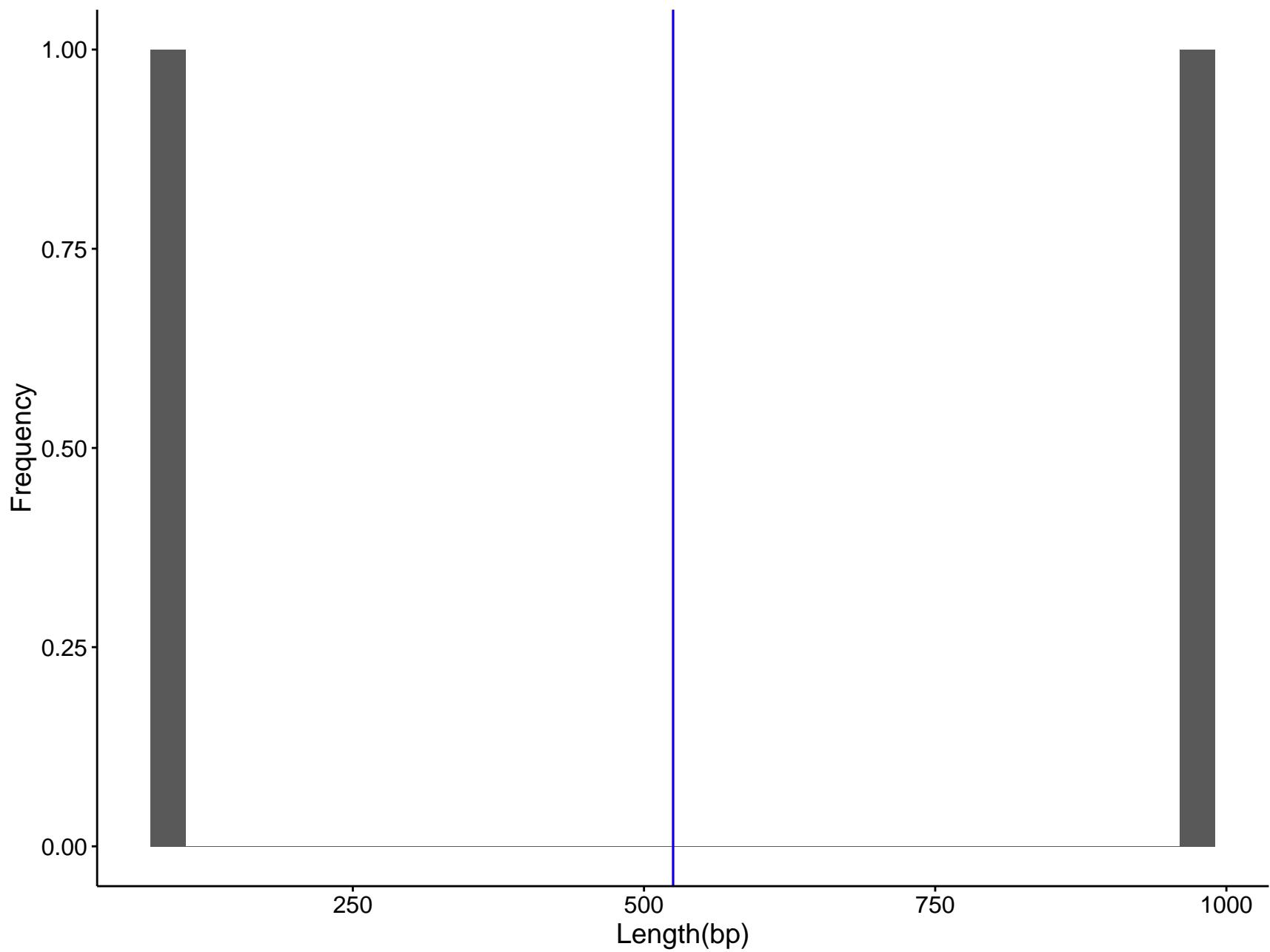
Cluster2385



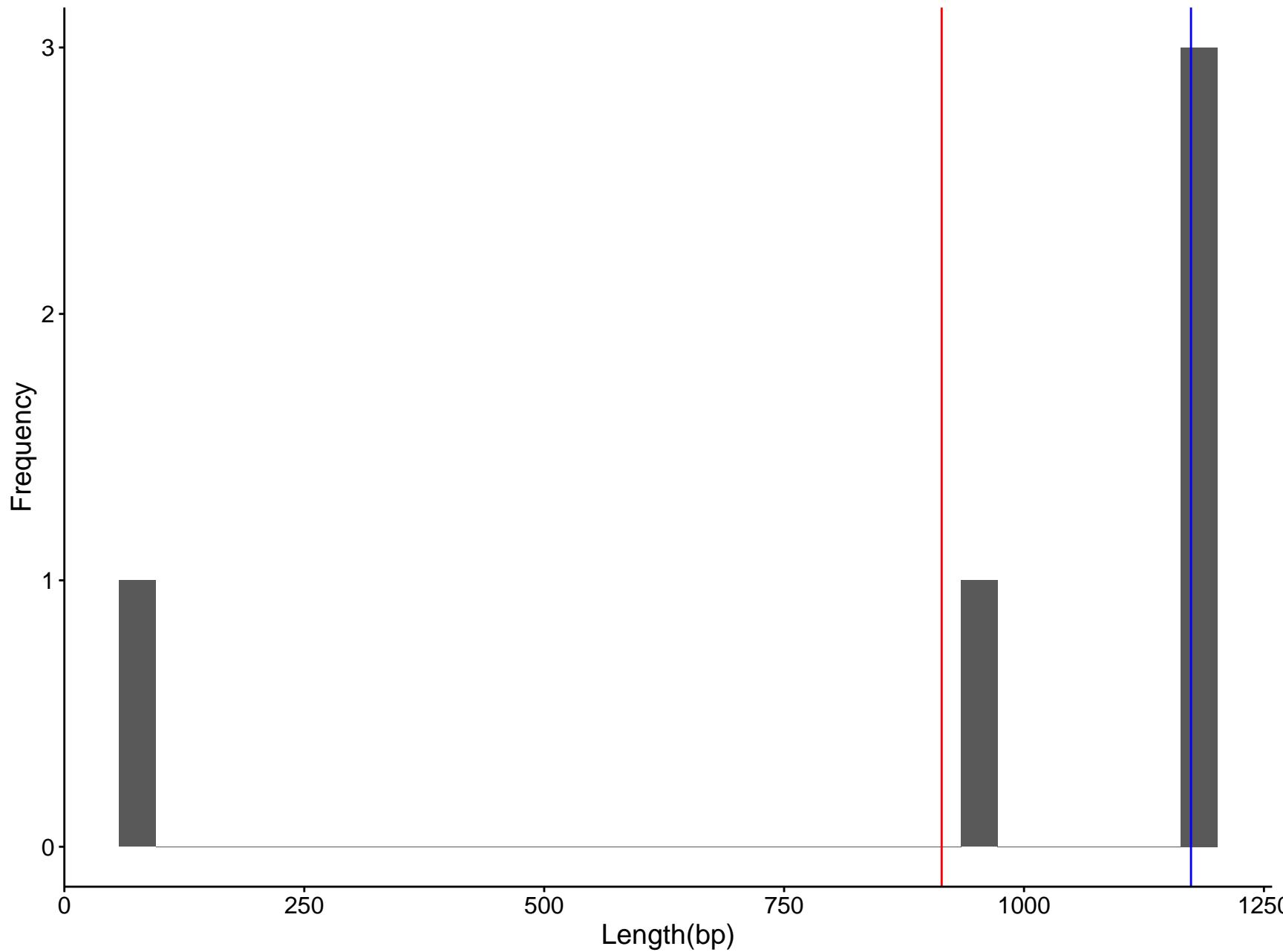
Cluster2387



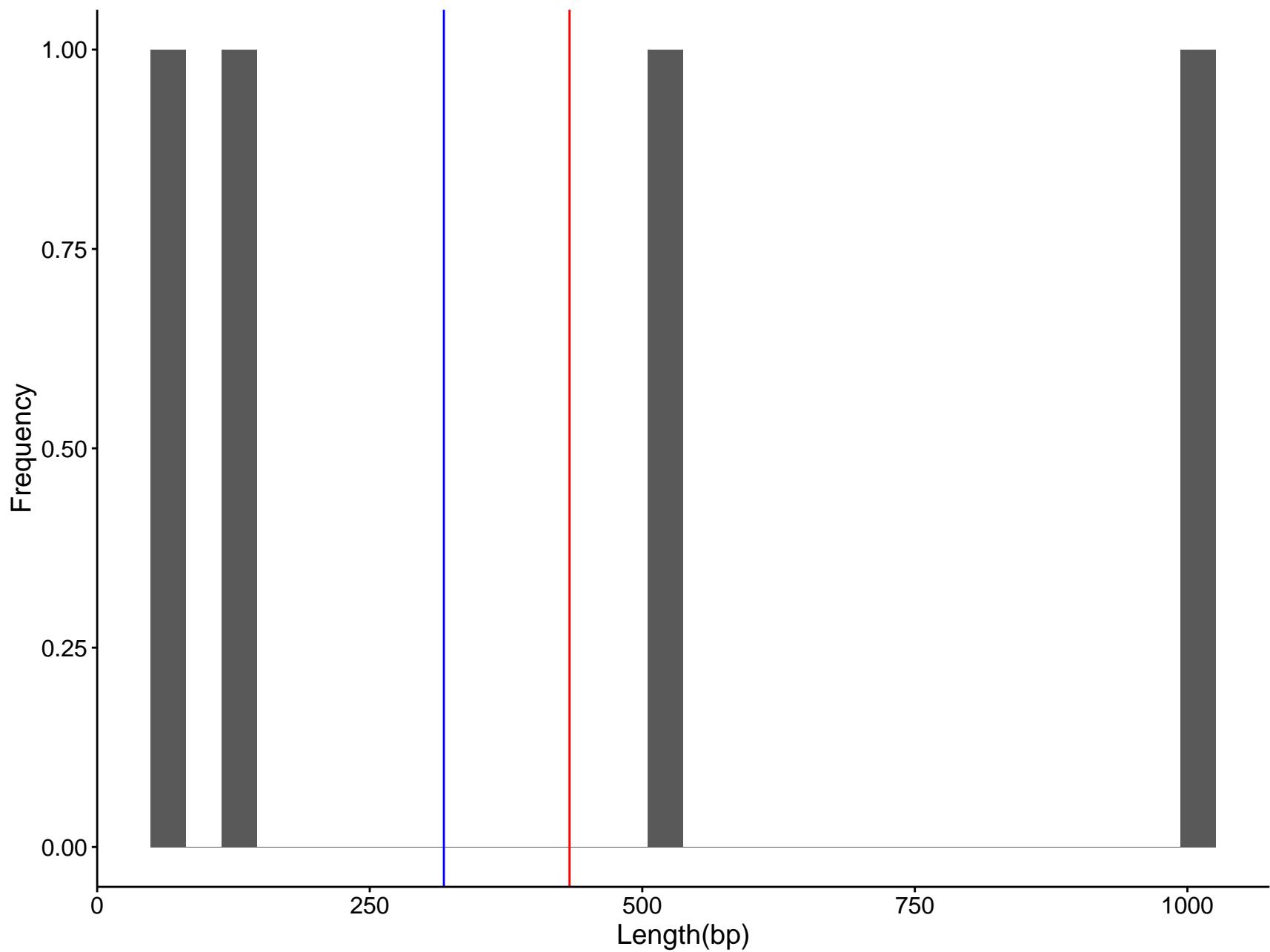
Cluster2389



Cluster2390



Cluster2391



Cluster2392

Frequency

309.950

309.975

310.000

310.025

Length(bp)



Cluster2396

Frequency

4023.950

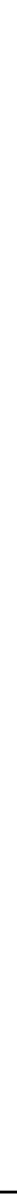
4023.975

4024.000

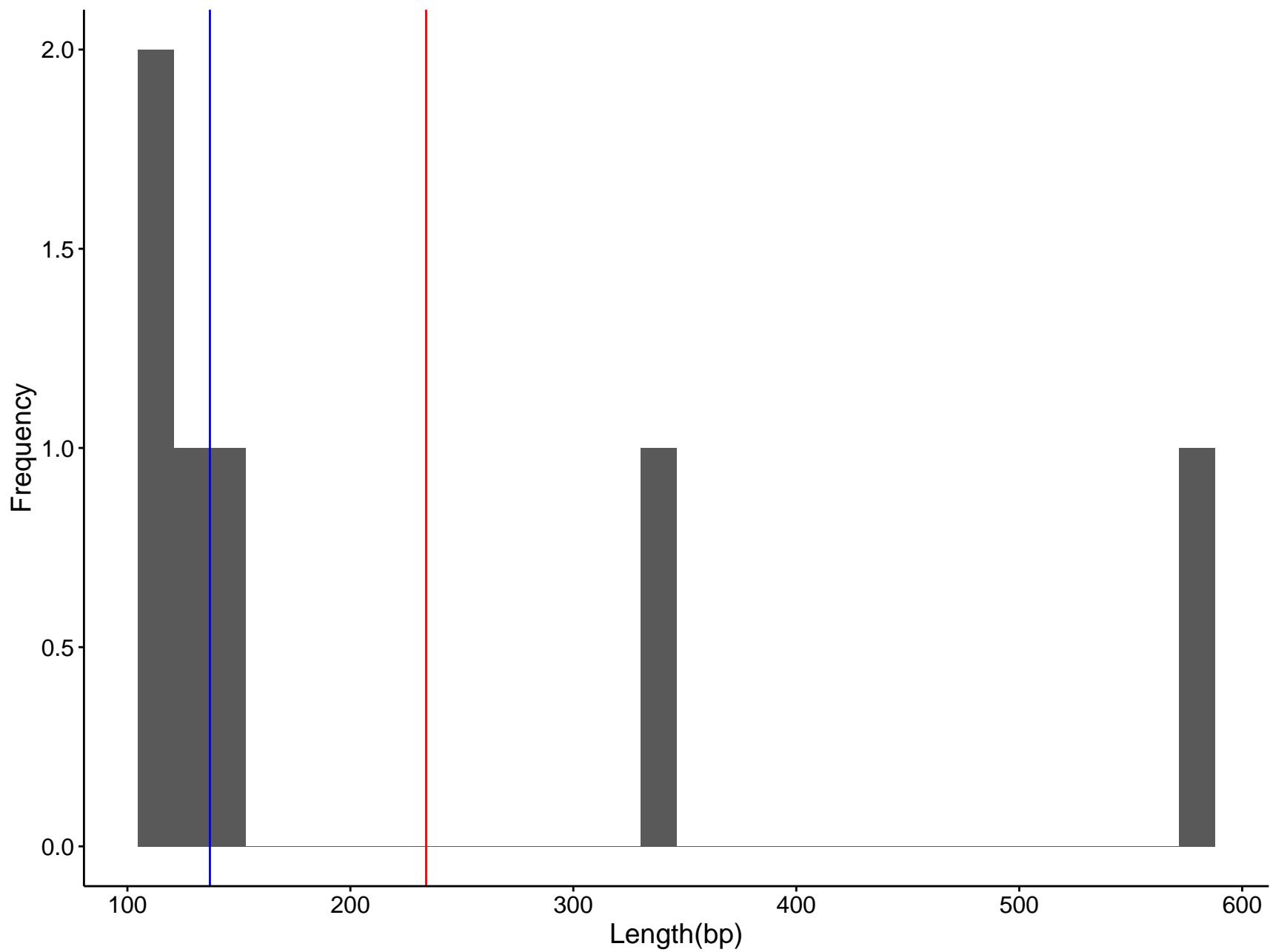
4024.025

4024.

Length(bp)



Cluster2398



Cluster2400

Frequency

483.950

483.975

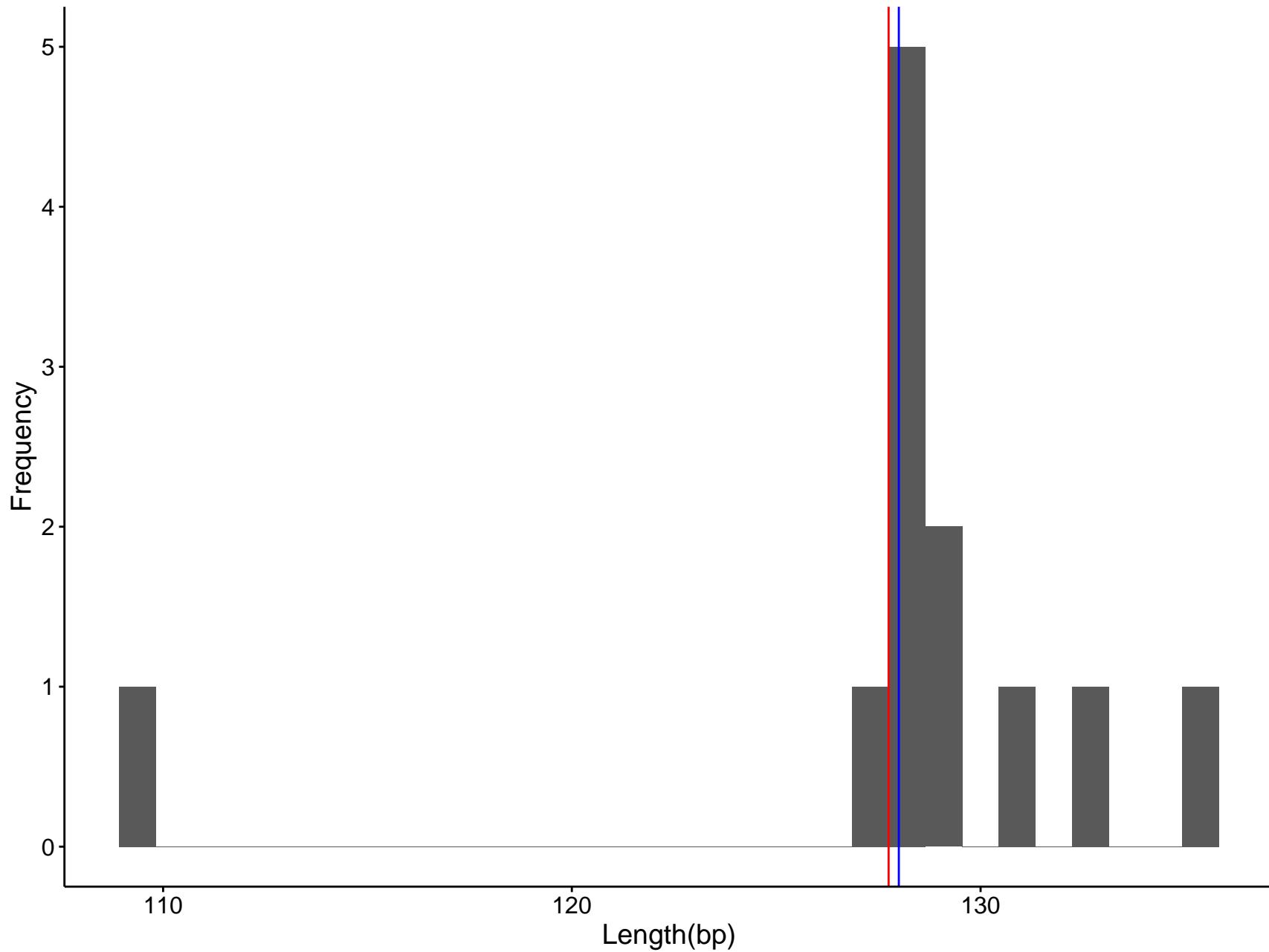
484.000

484.025

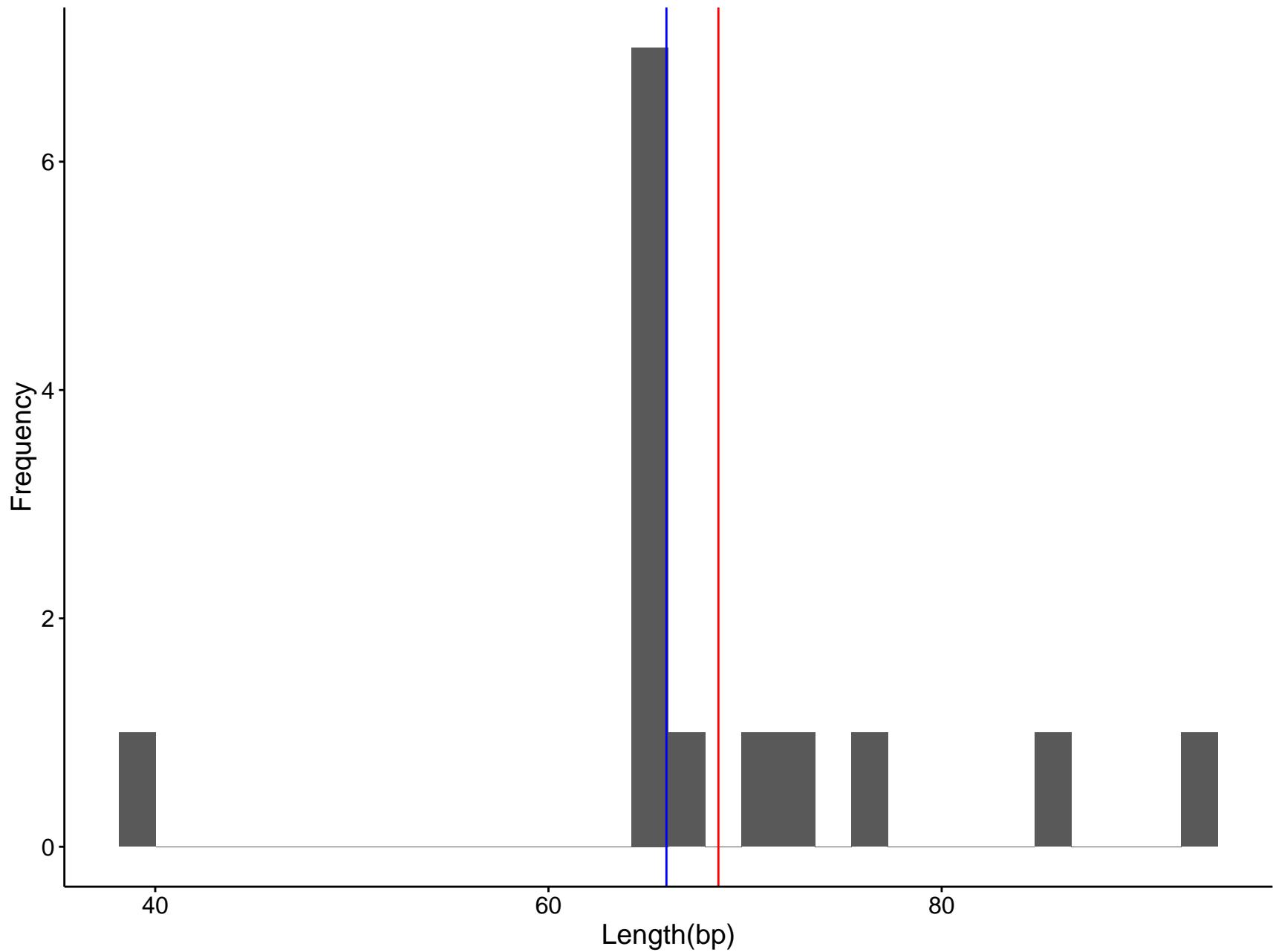
Length(bp)



Cluster2408



Cluster2409



Cluster241

Frequency

74.950

74.975

75.000

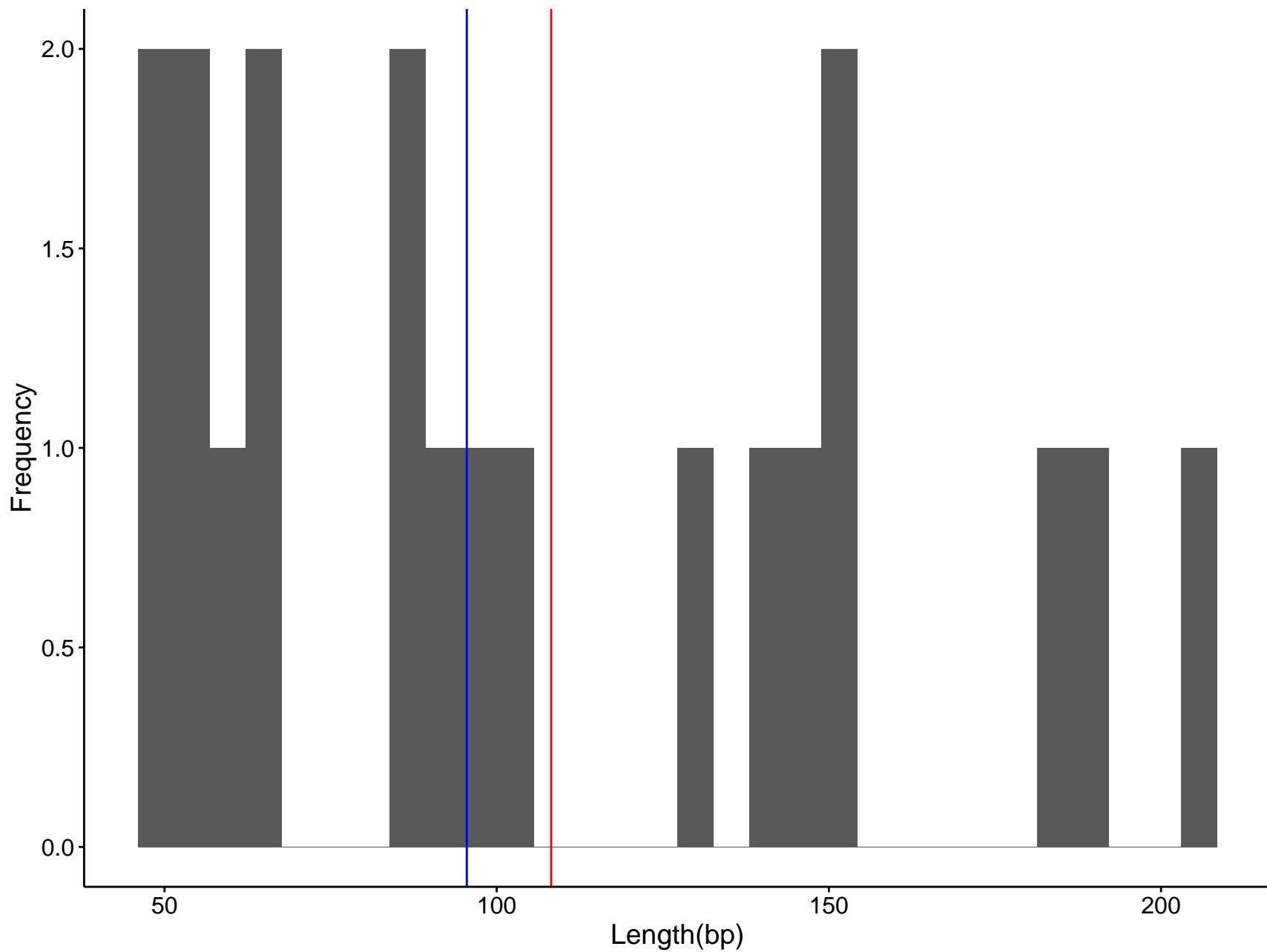
75.025

75.0

Length(bp)



Cluster244



Cluster246

Frequency

296.950

296.975

297.000

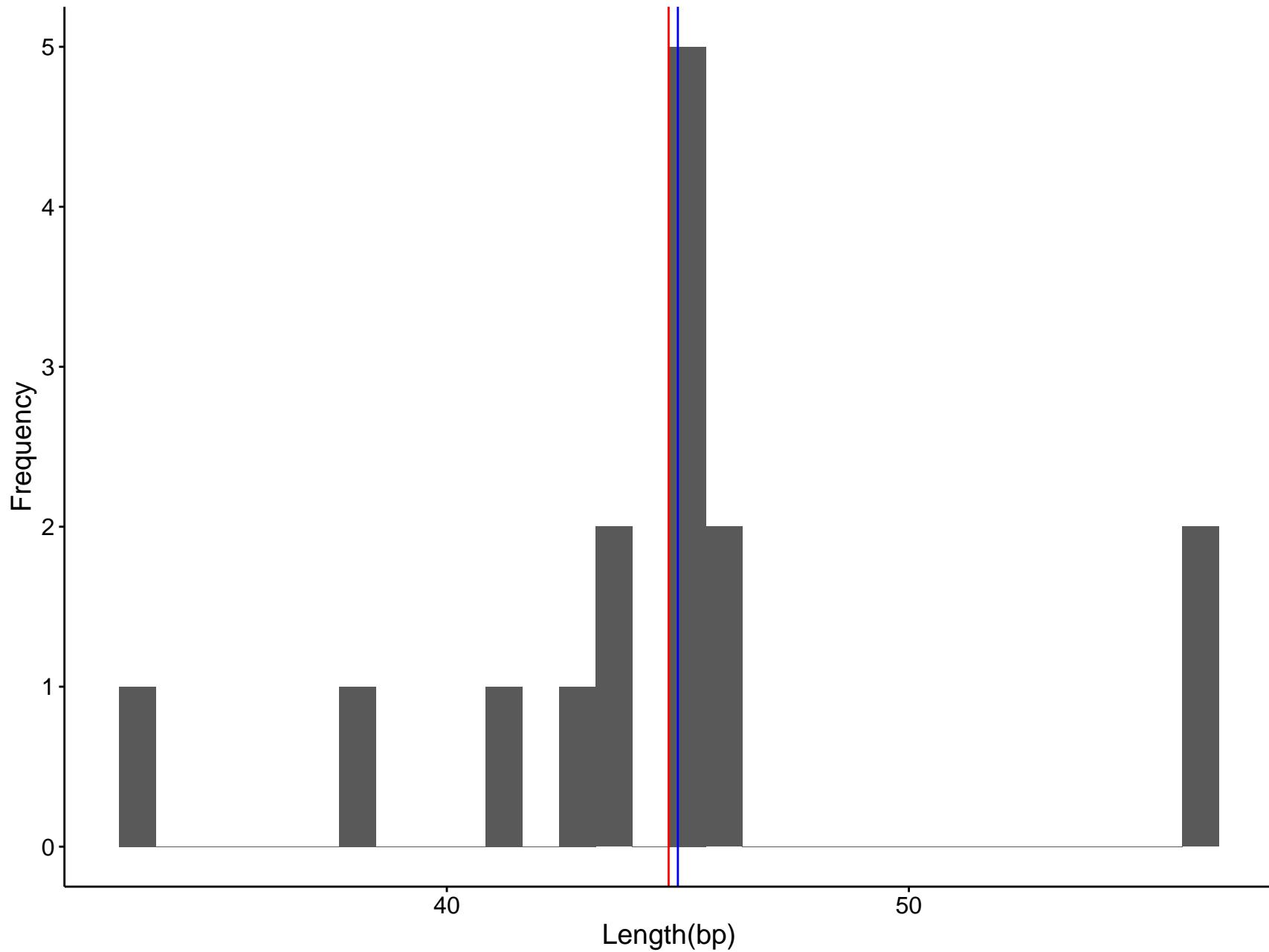
297.025

297.050

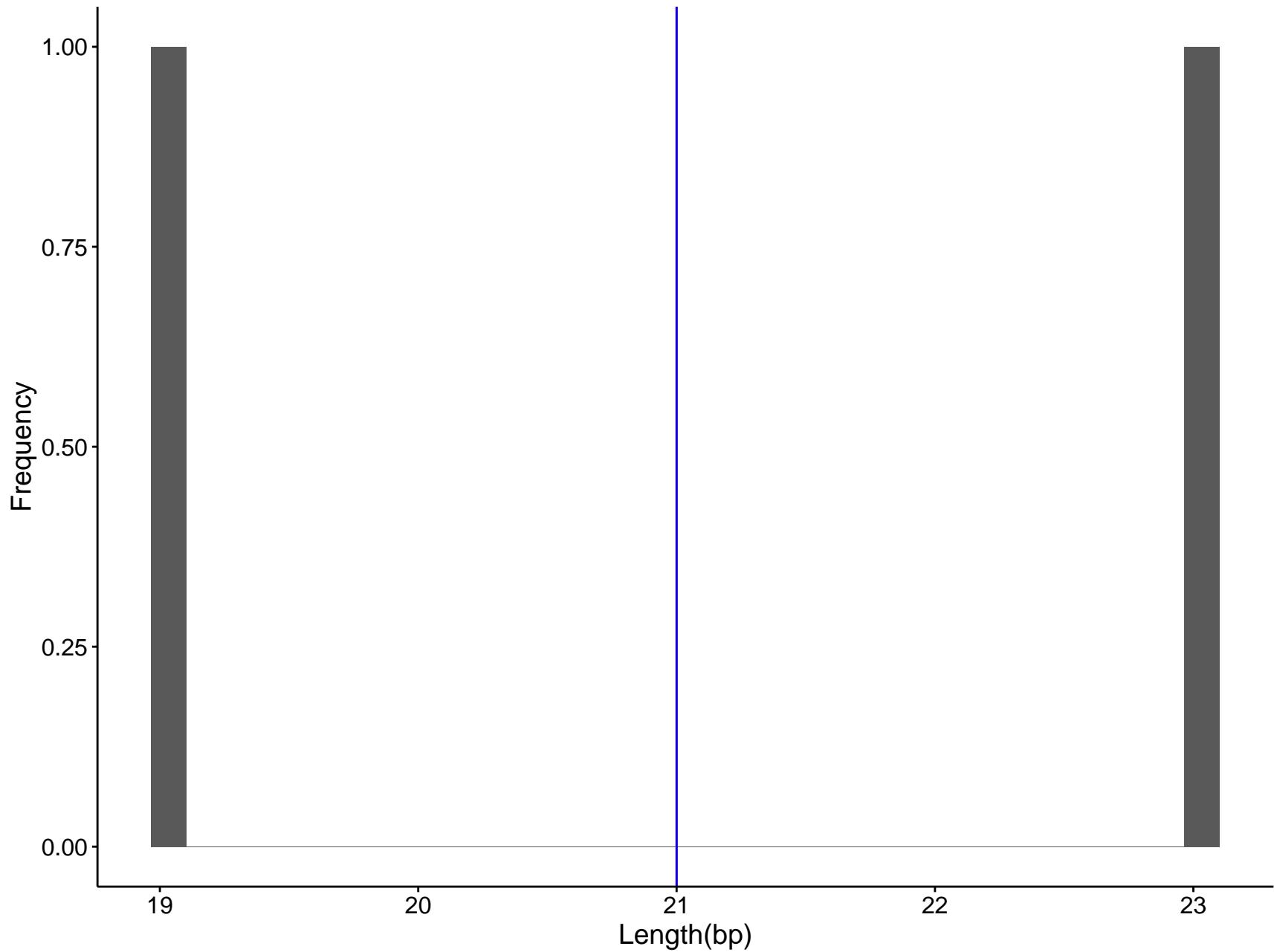
Length(bp)



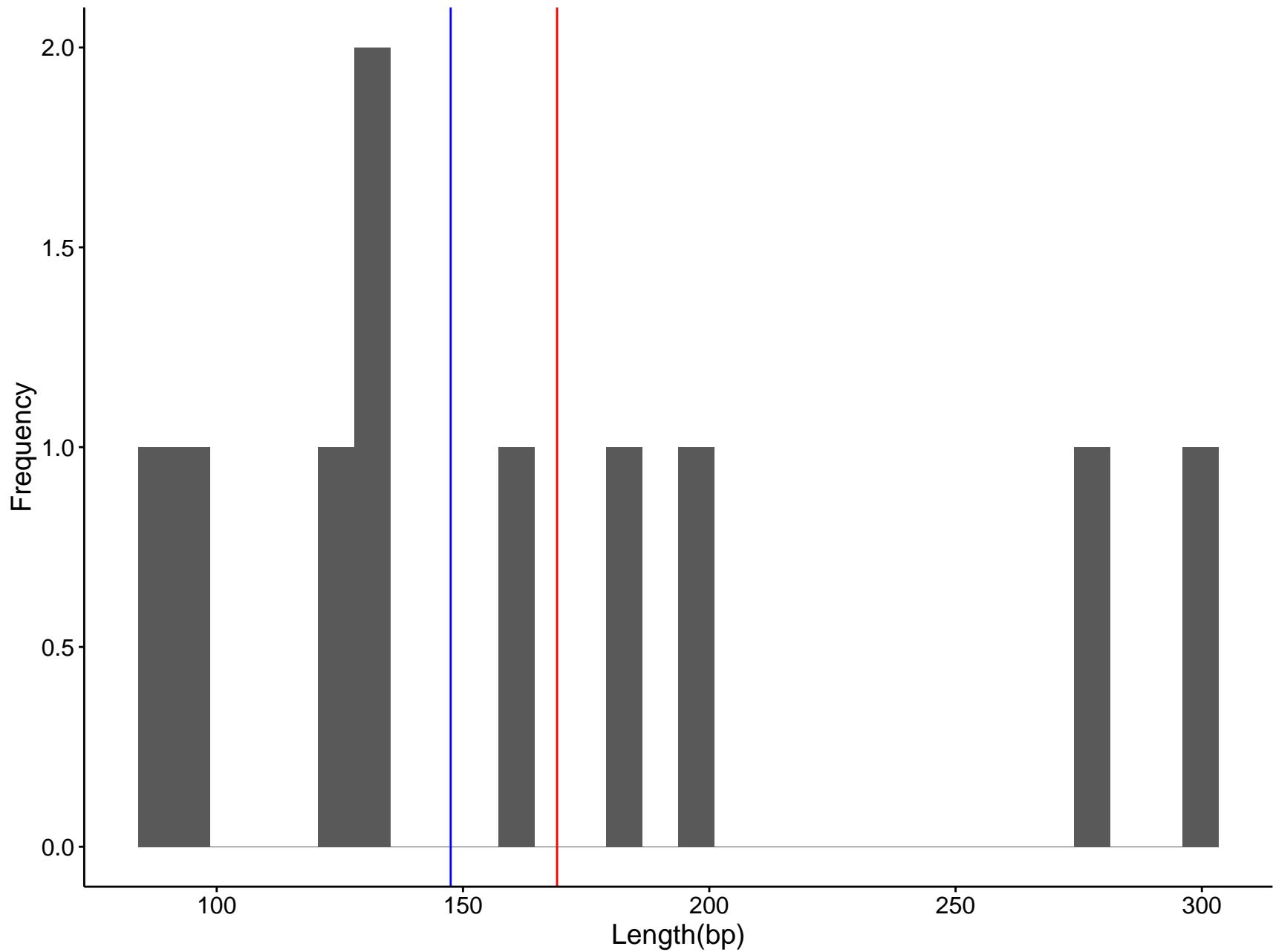
Cluster24



Cluster252



Cluster259



Cluster262

Frequency

72.950

72.975

73.000

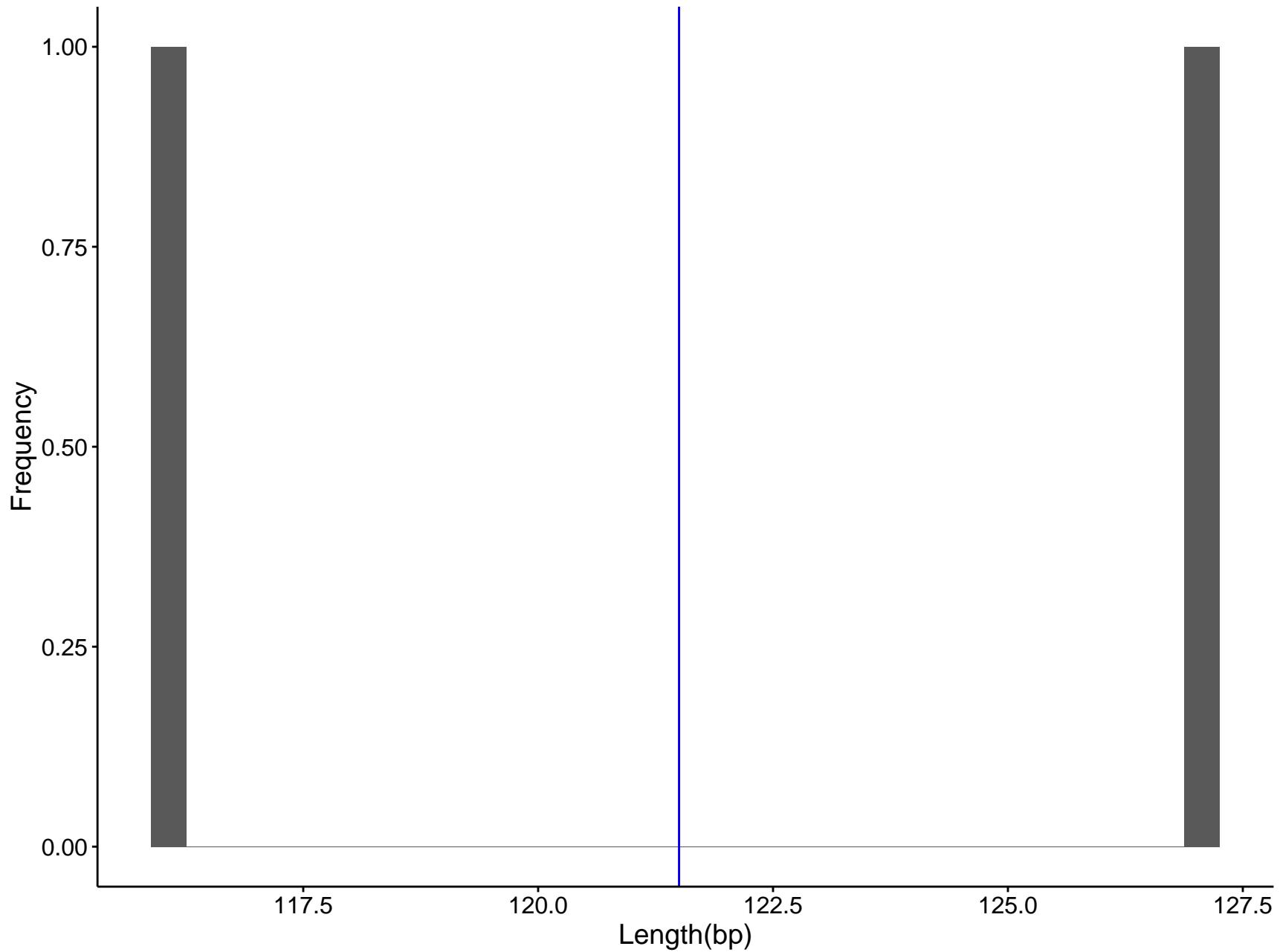
73.025

73.0

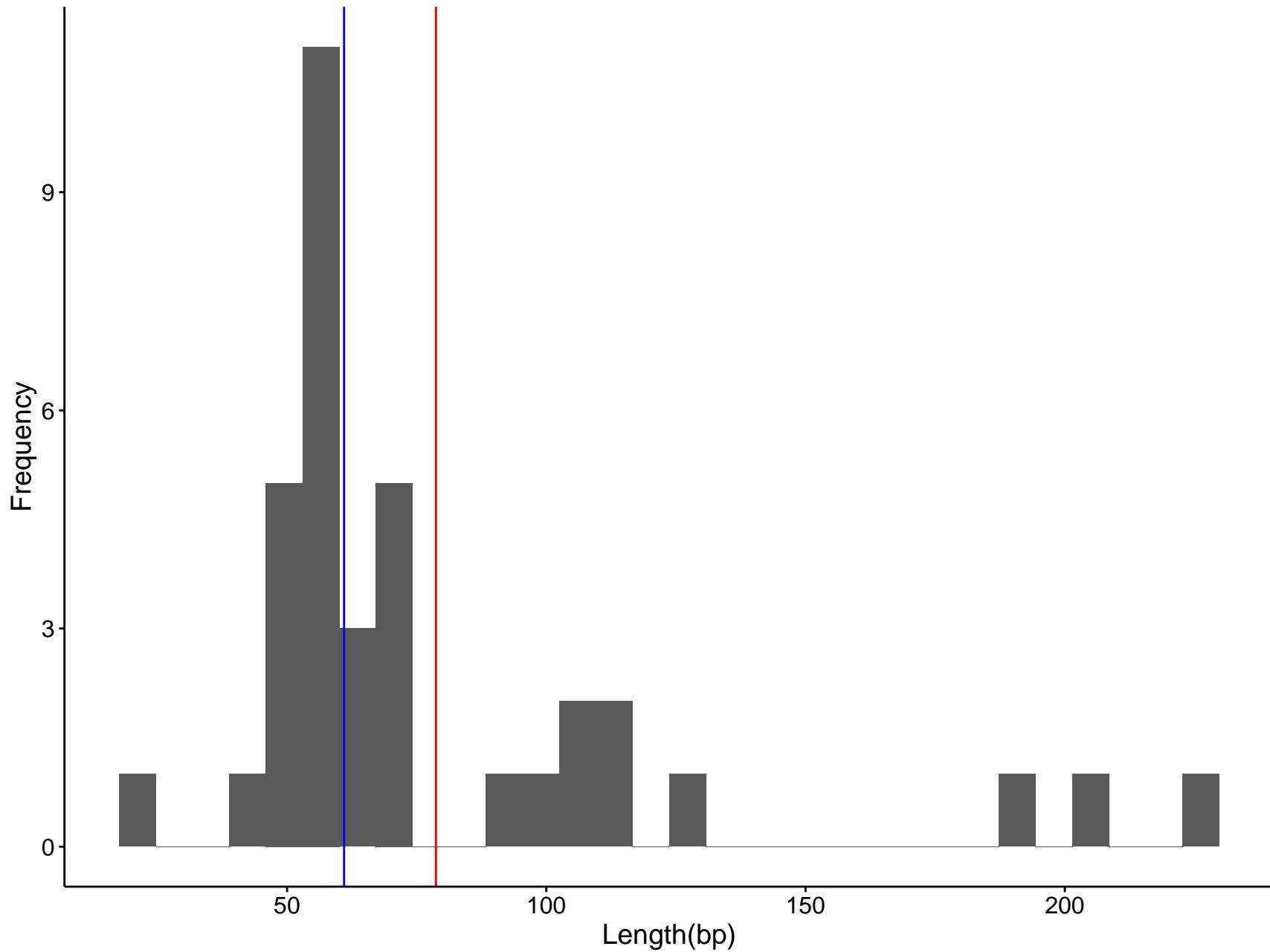
Length(bp)



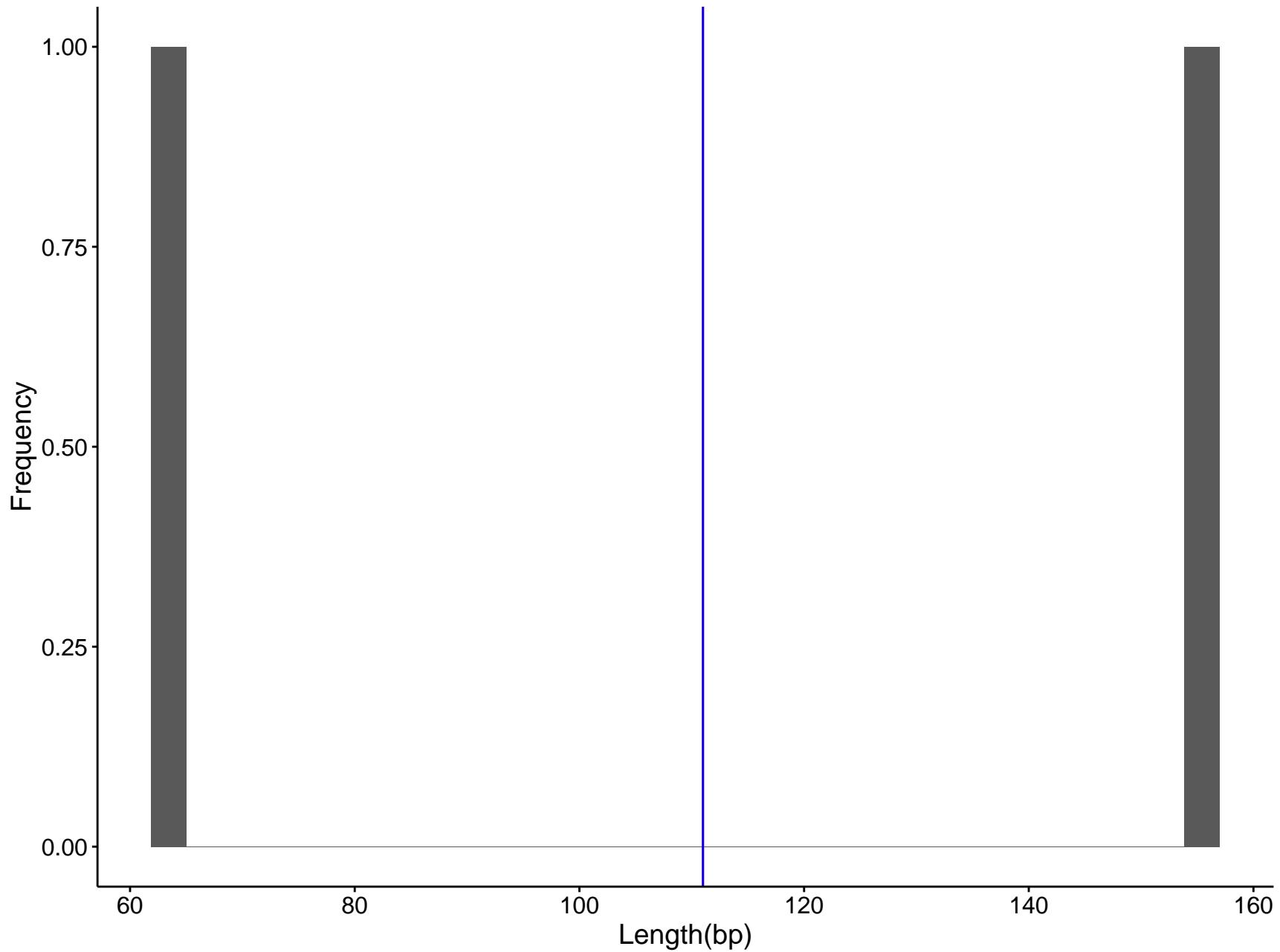
Cluster267



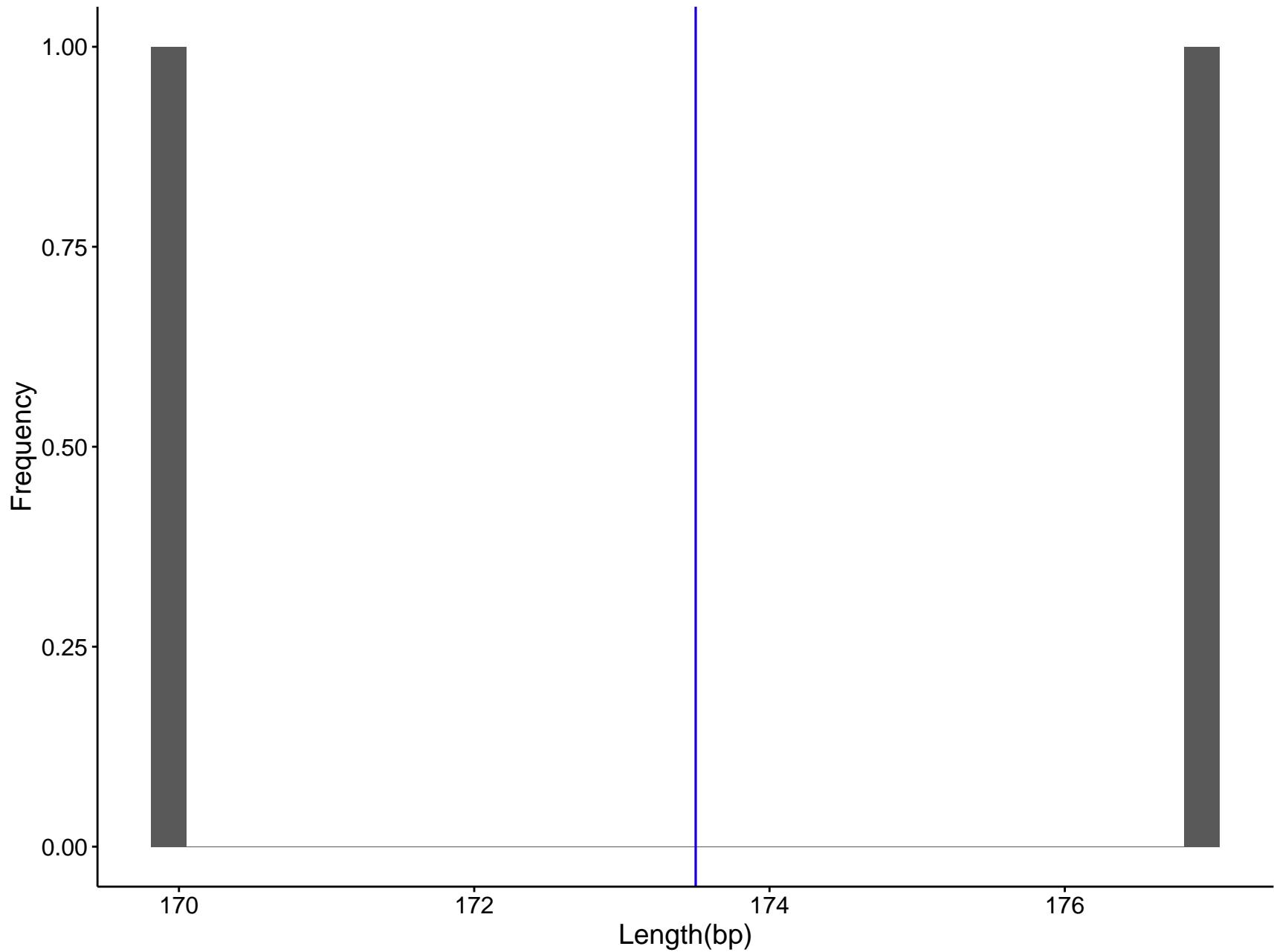
Cluster272



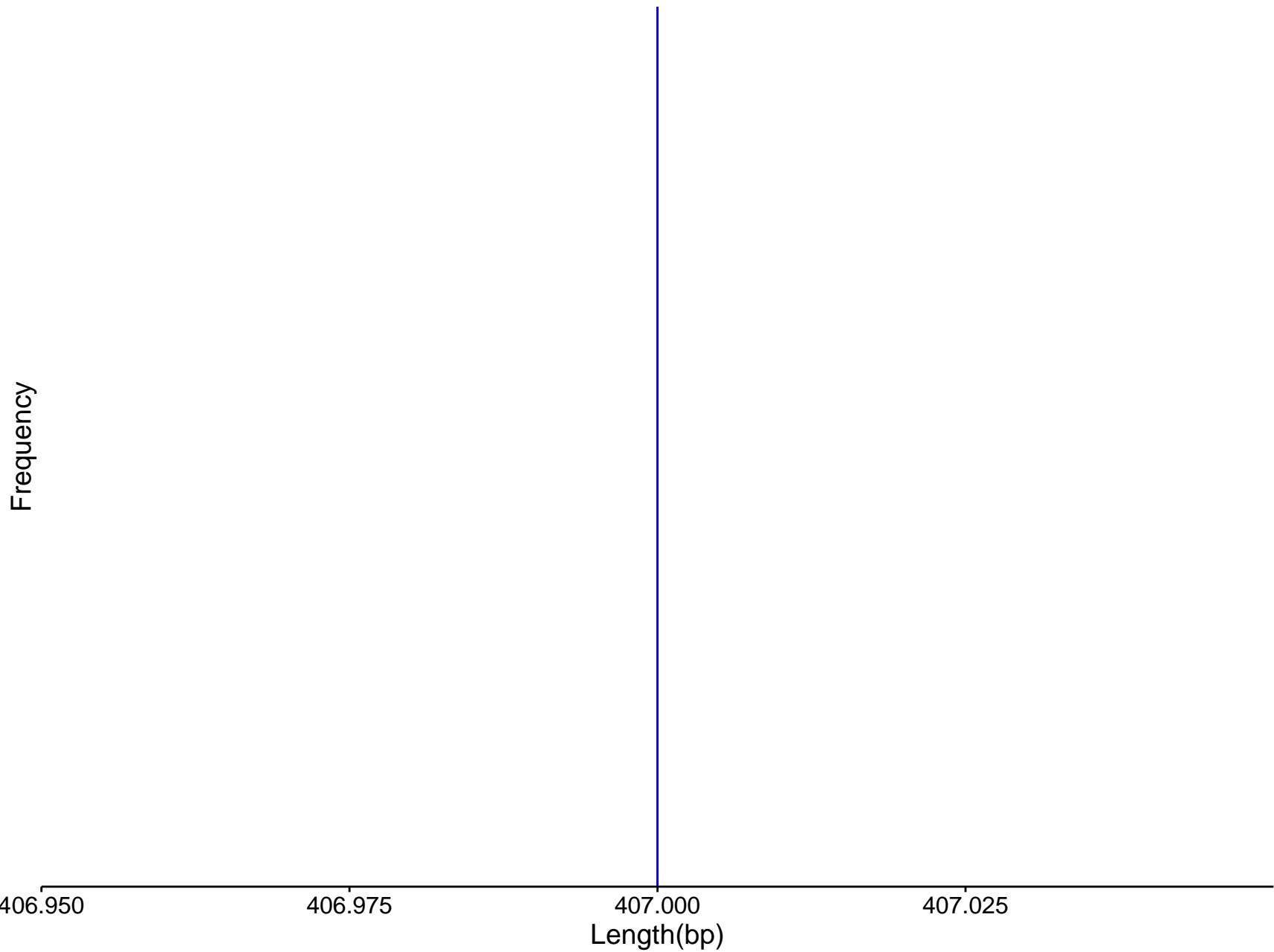
Cluster277



Cluster281



Cluster284



Cluster293

Frequency

353.950

353.975

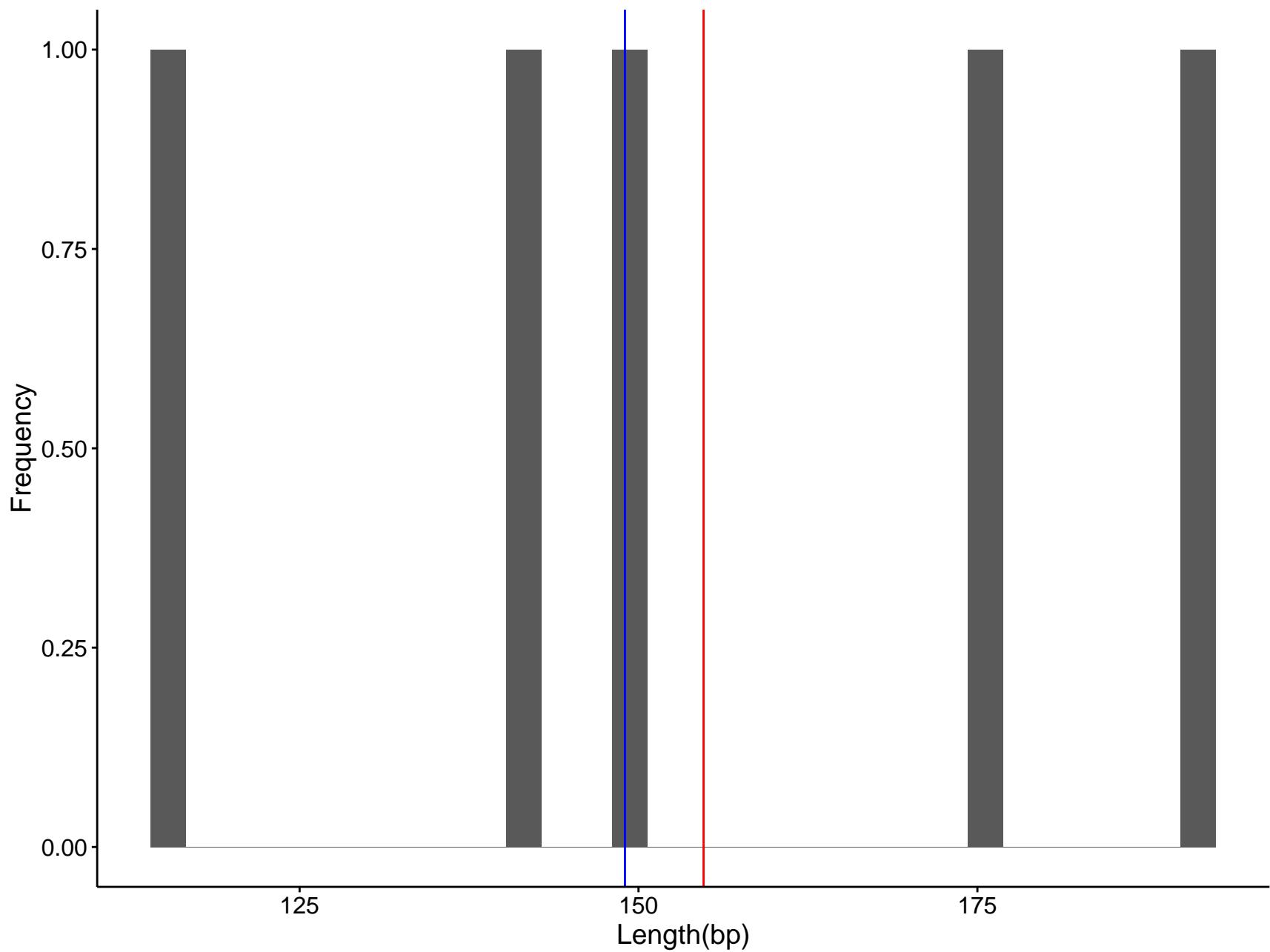
354.000

354.025

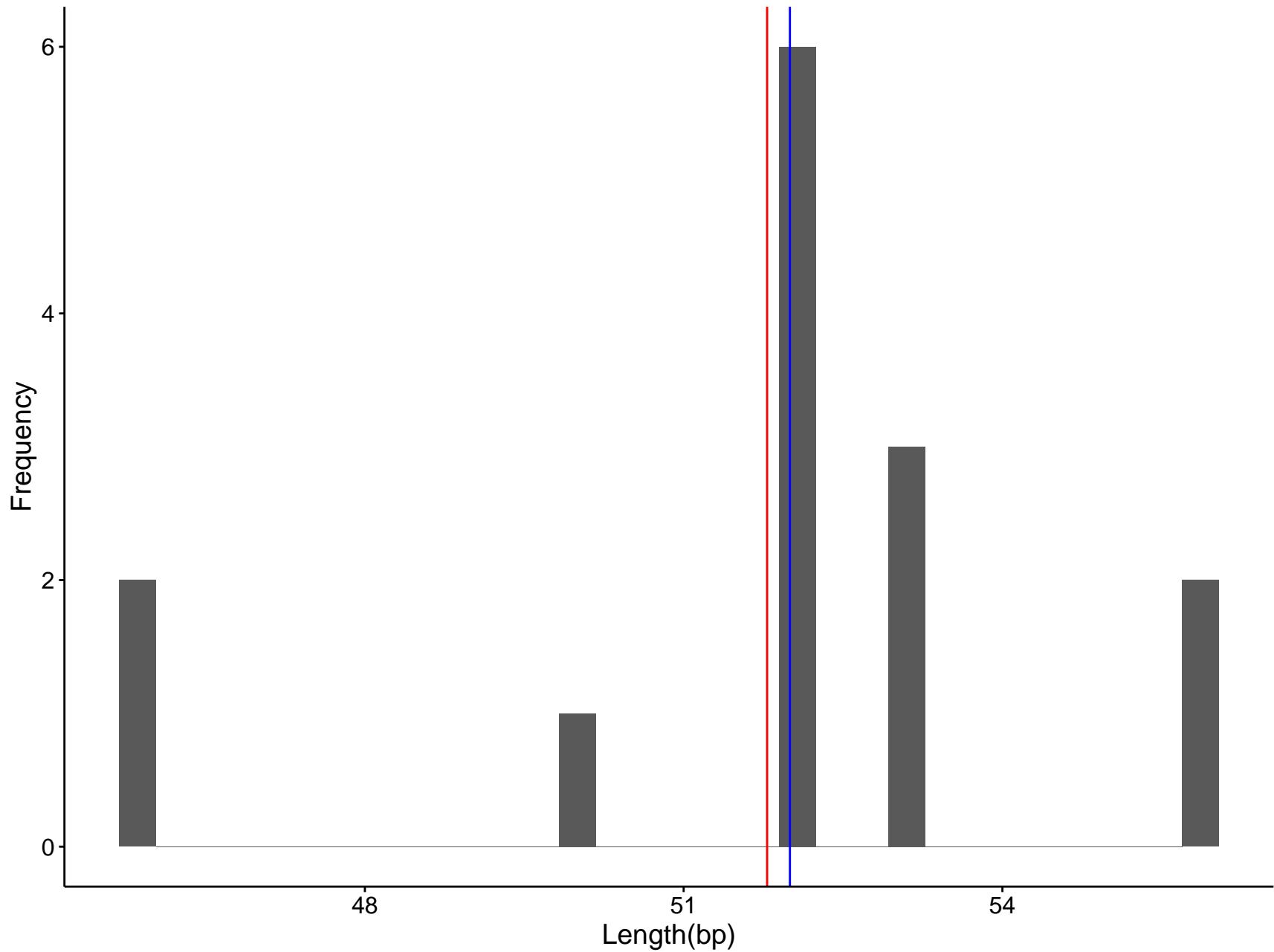
Length(bp)



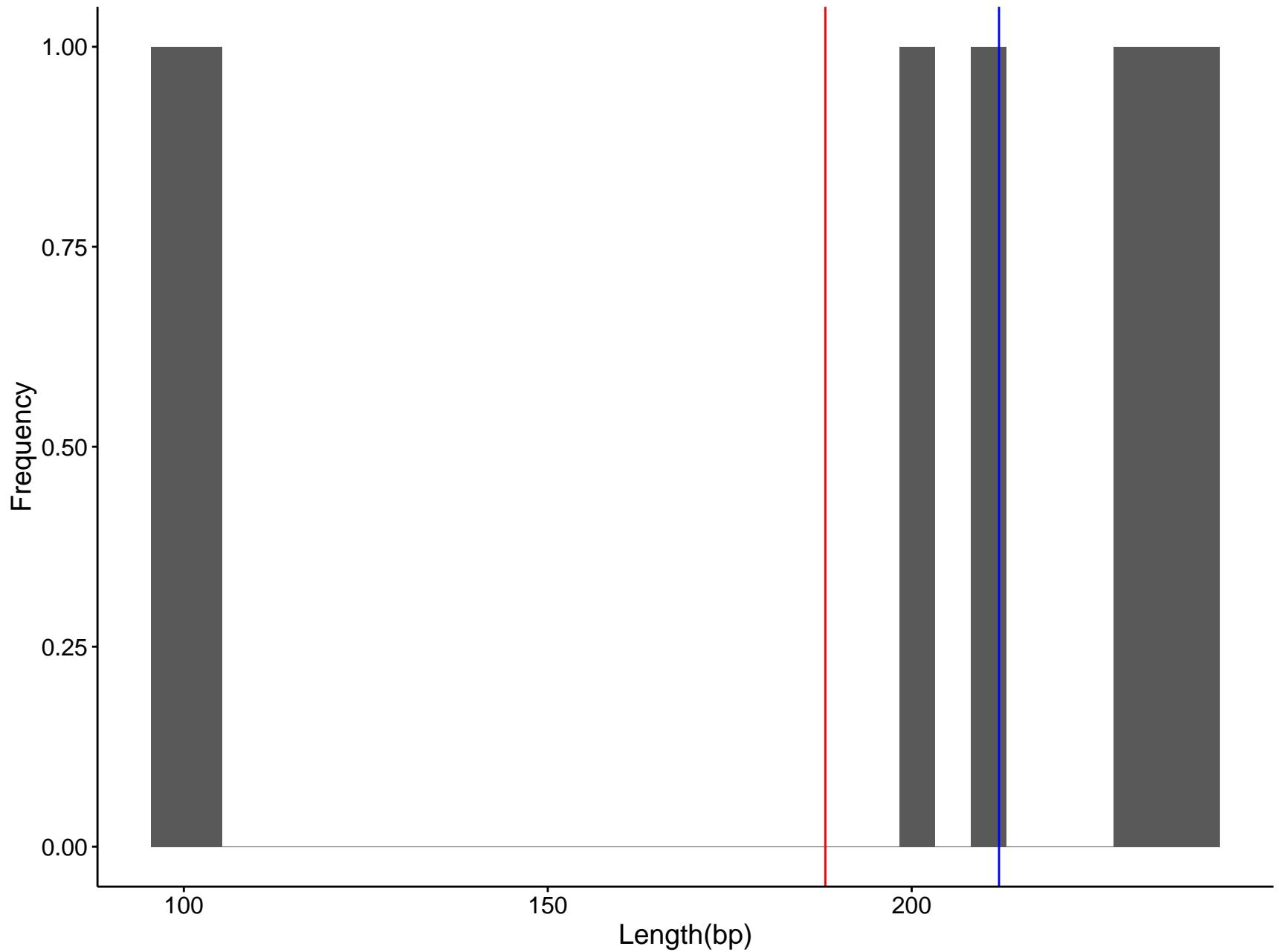
Cluster299



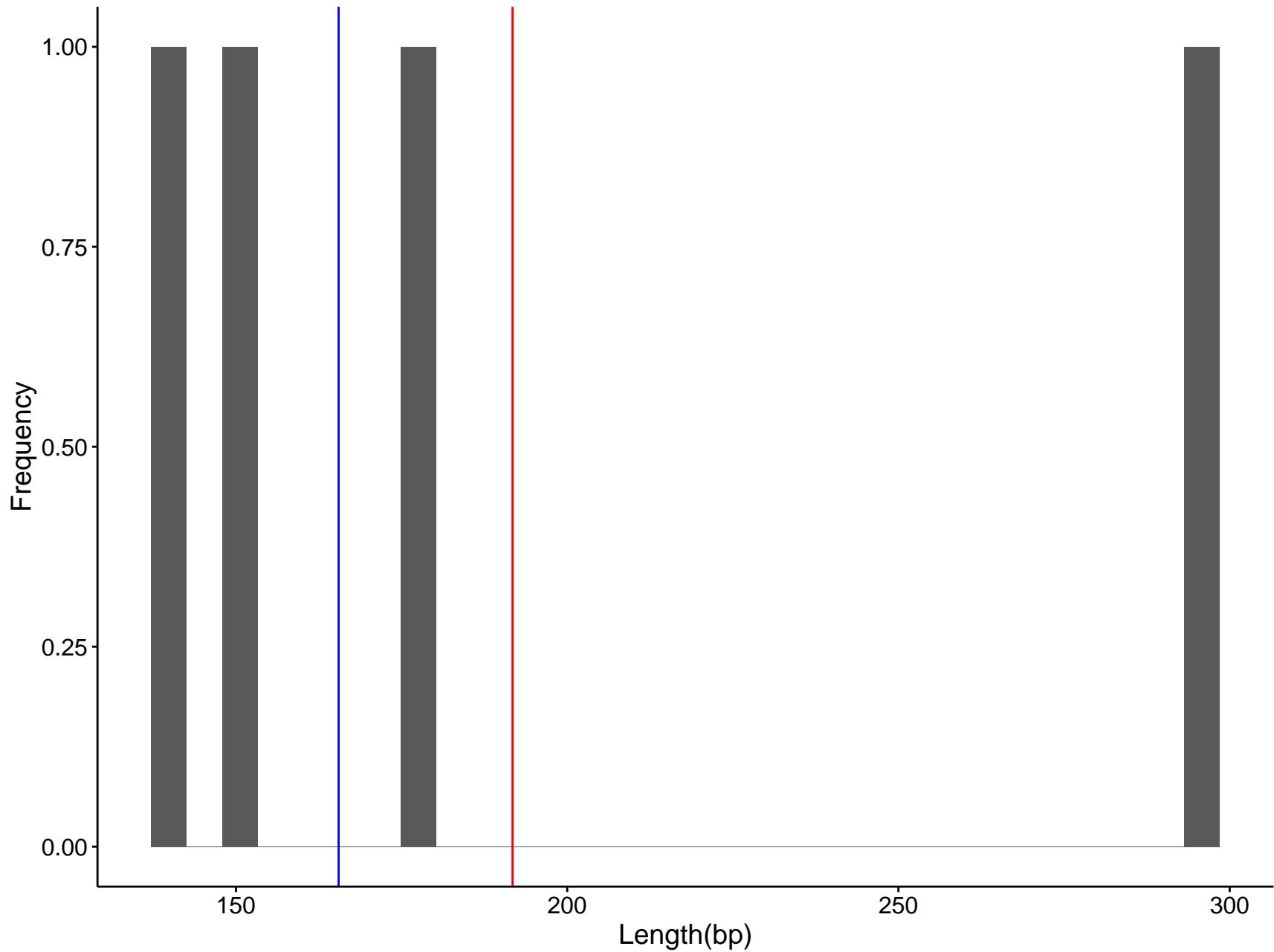
Cluster2



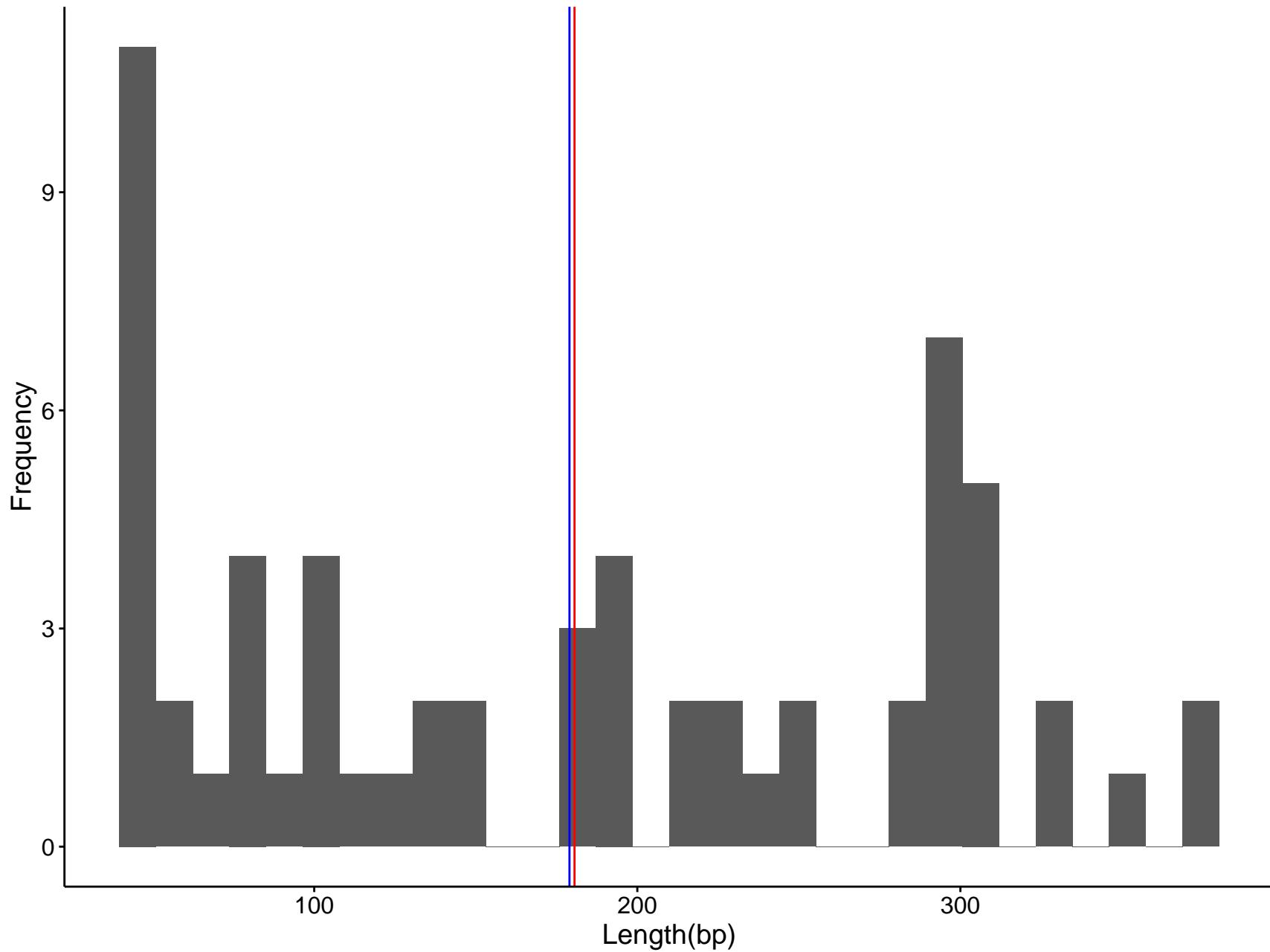
Cluster300



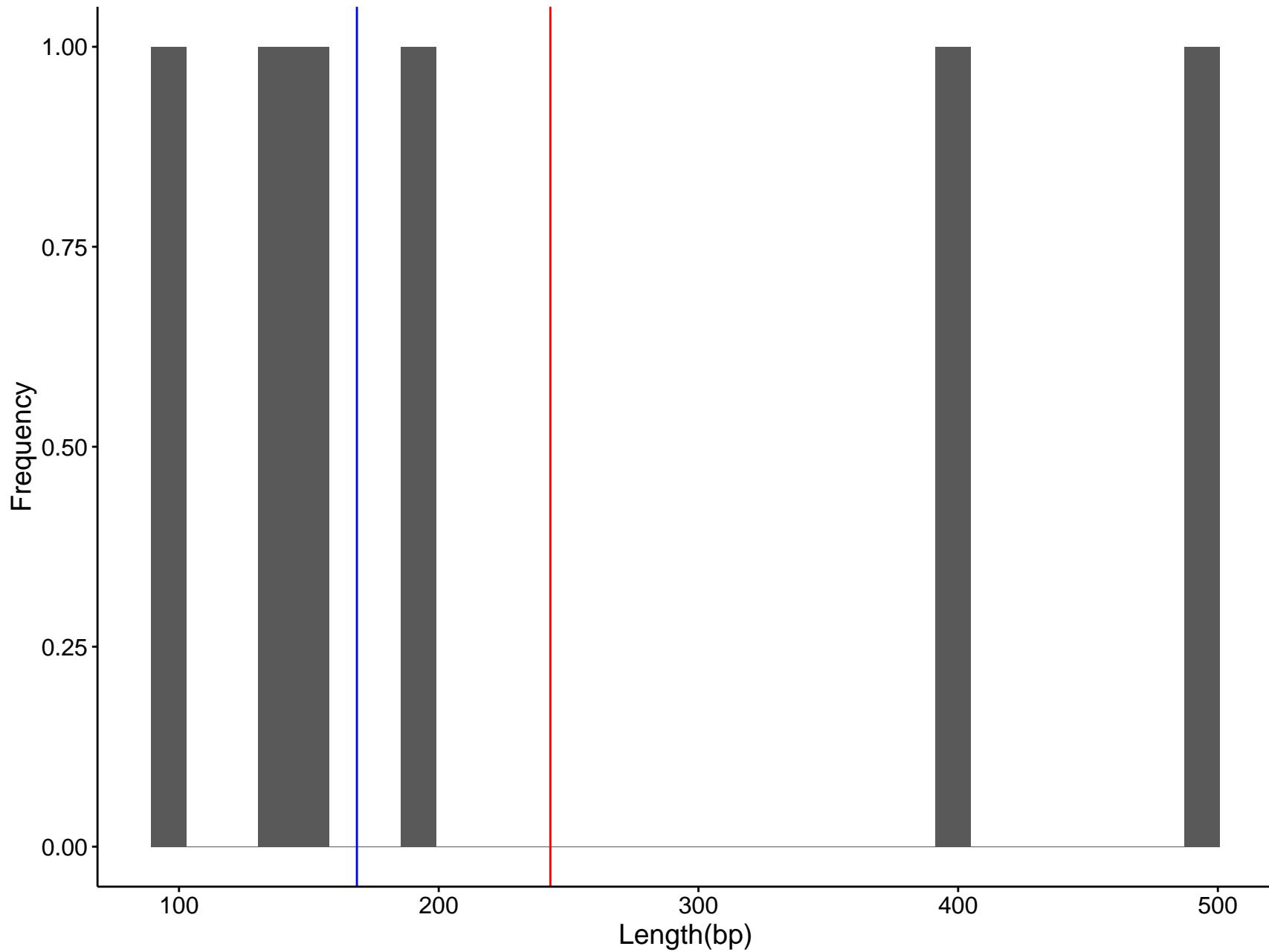
Cluster303



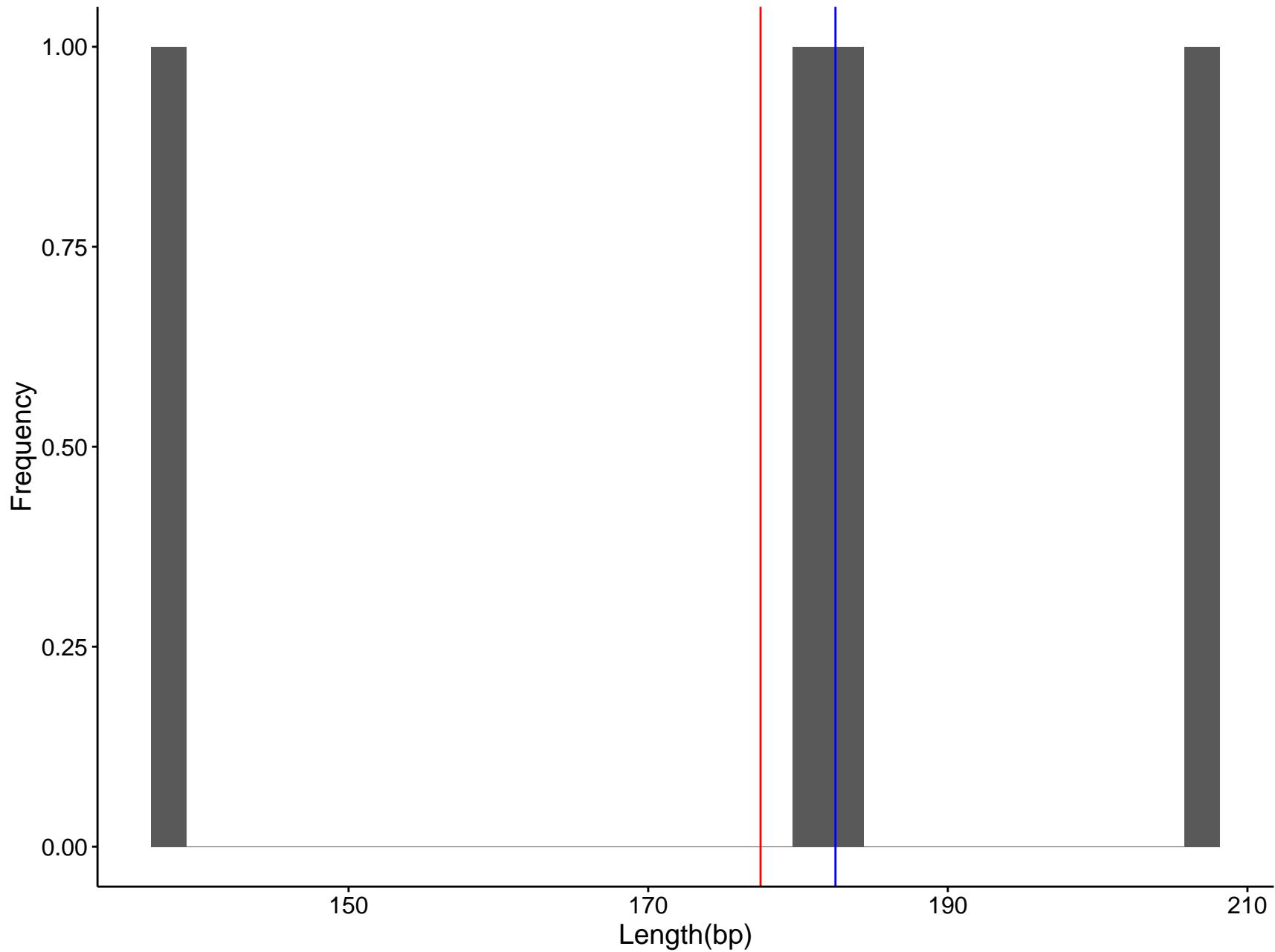
Cluster30



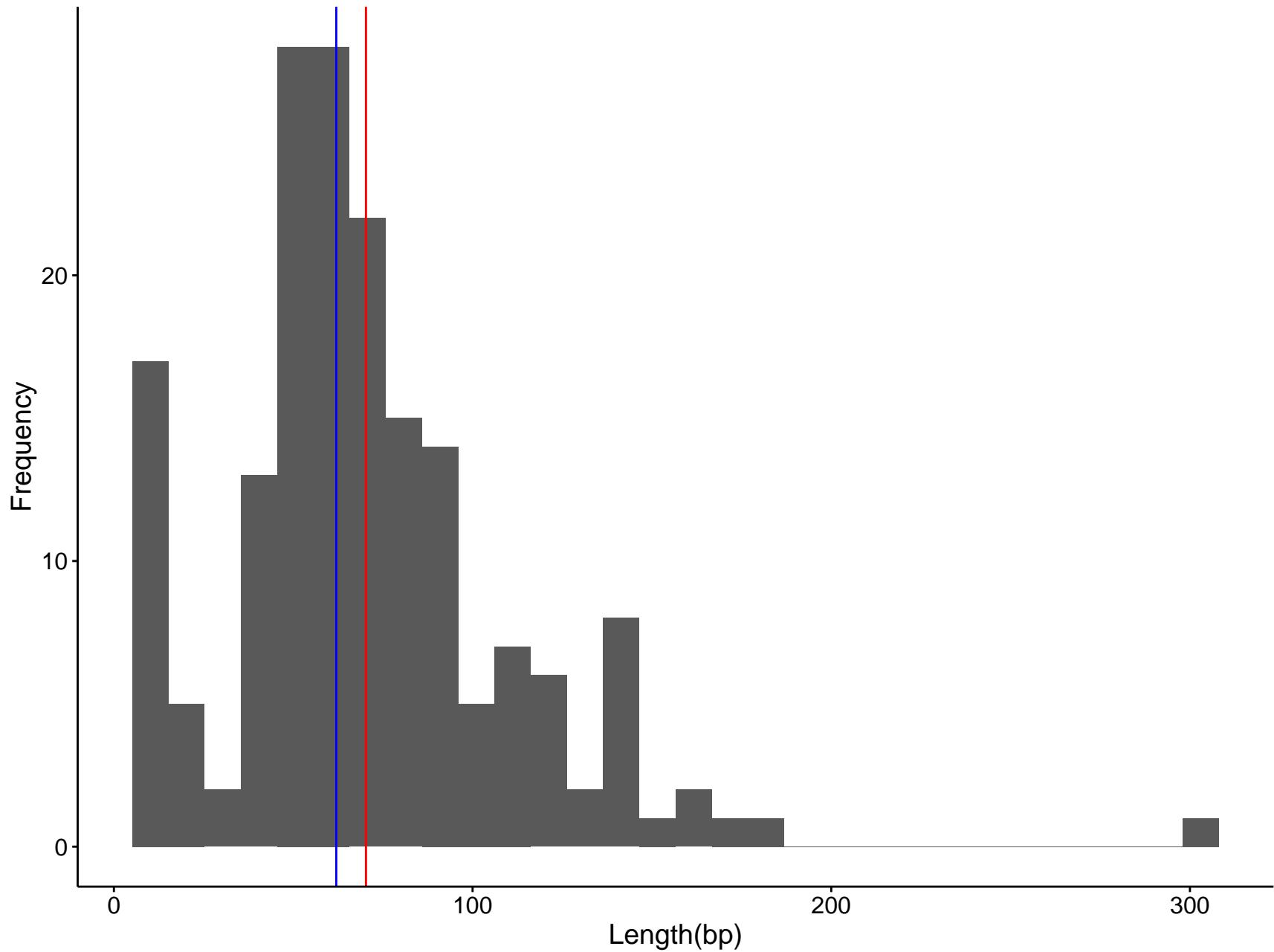
Cluster313



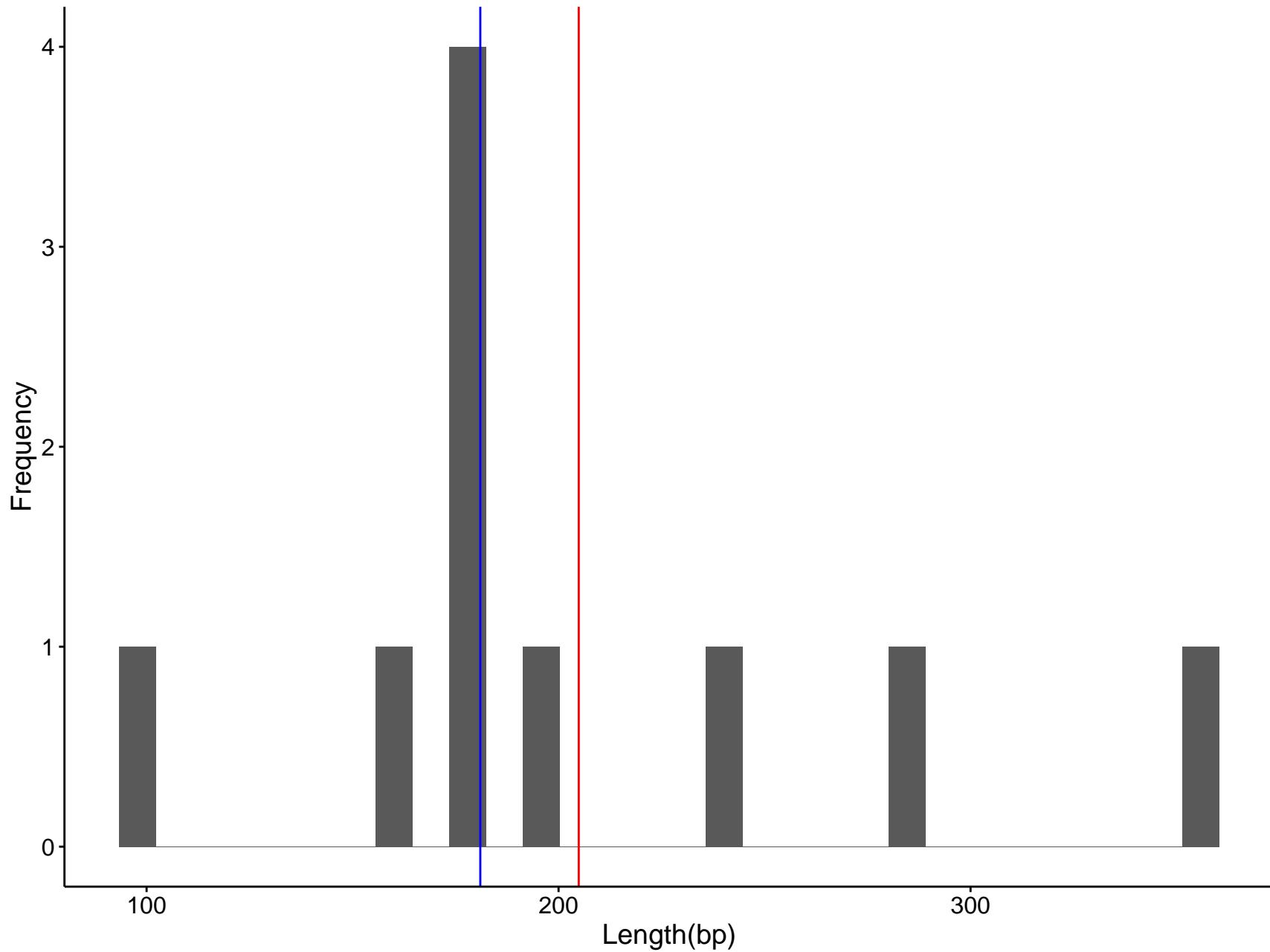
Cluster316



Cluster31



Cluster320



Cluster327

Frequency

38.950

38.975

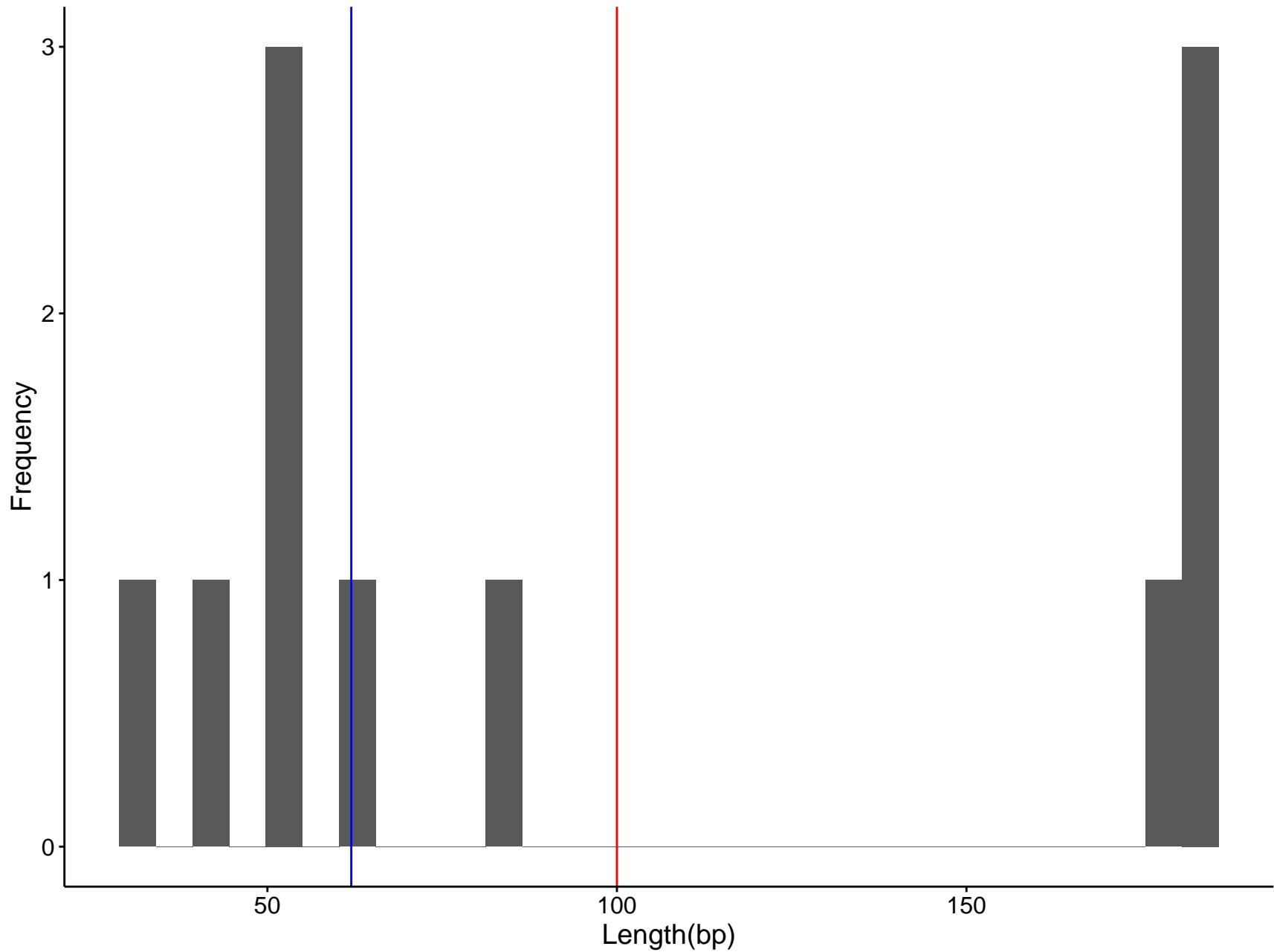
39.000

39.025

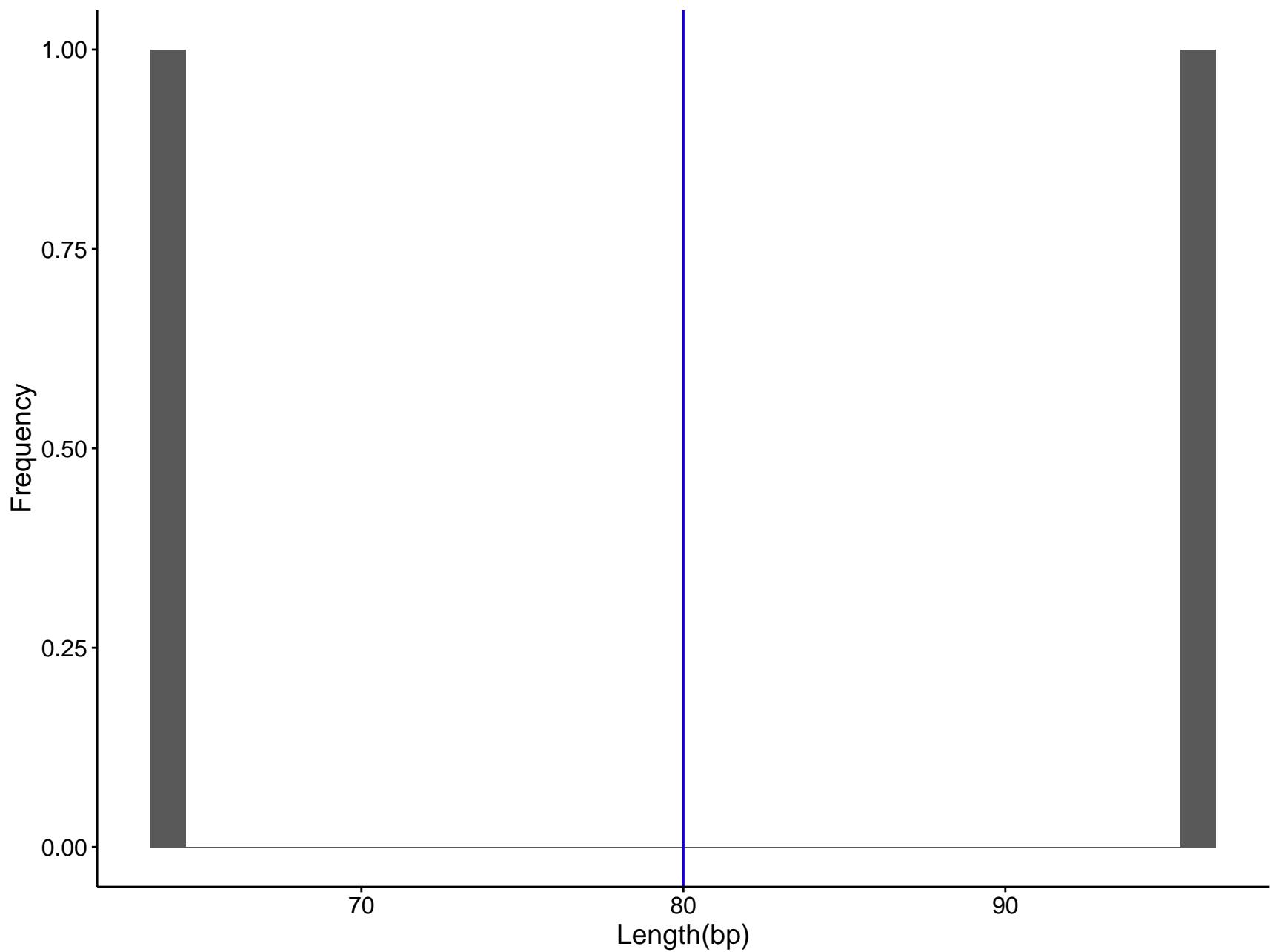
Length(bp)



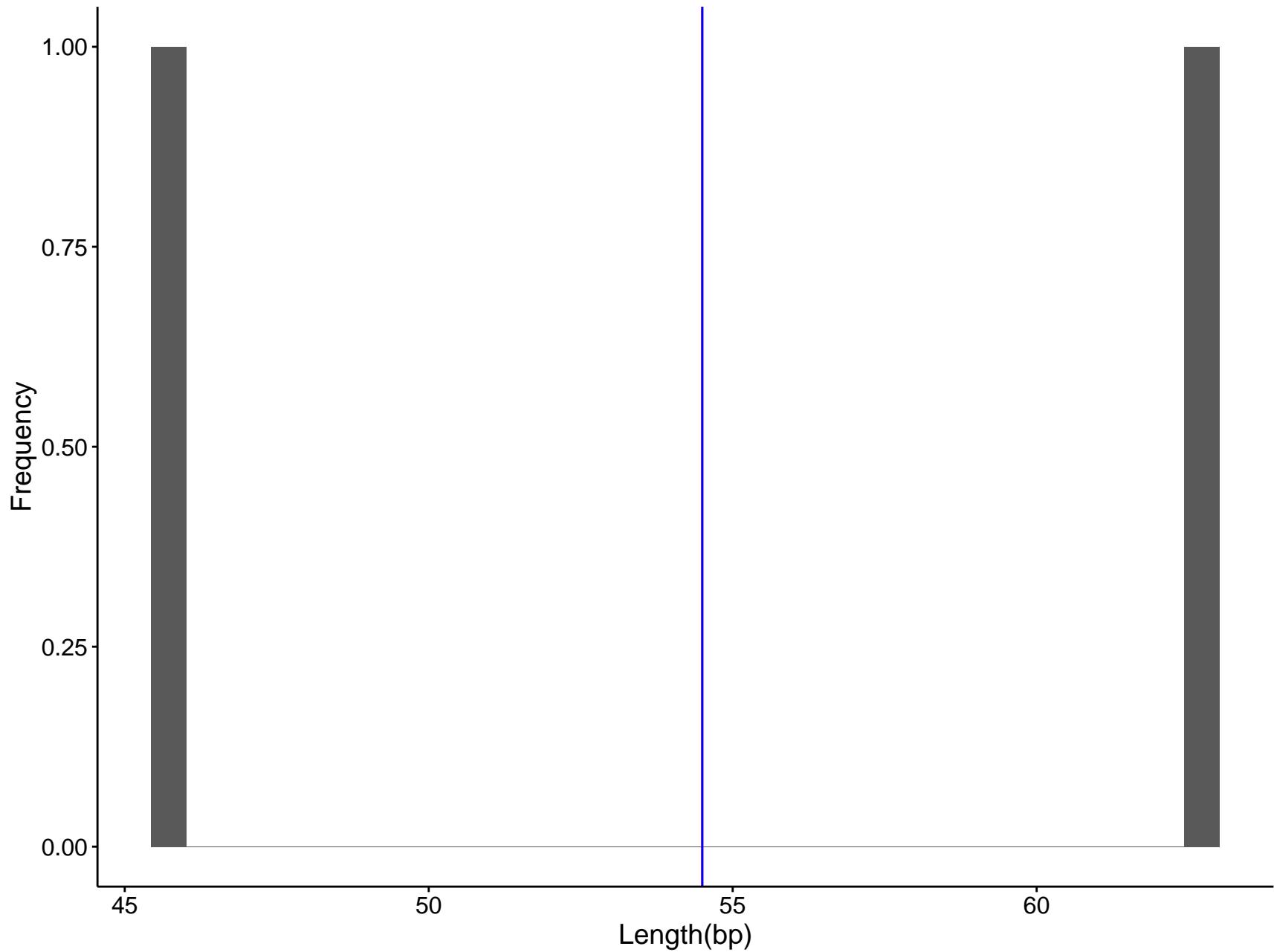
Cluster328



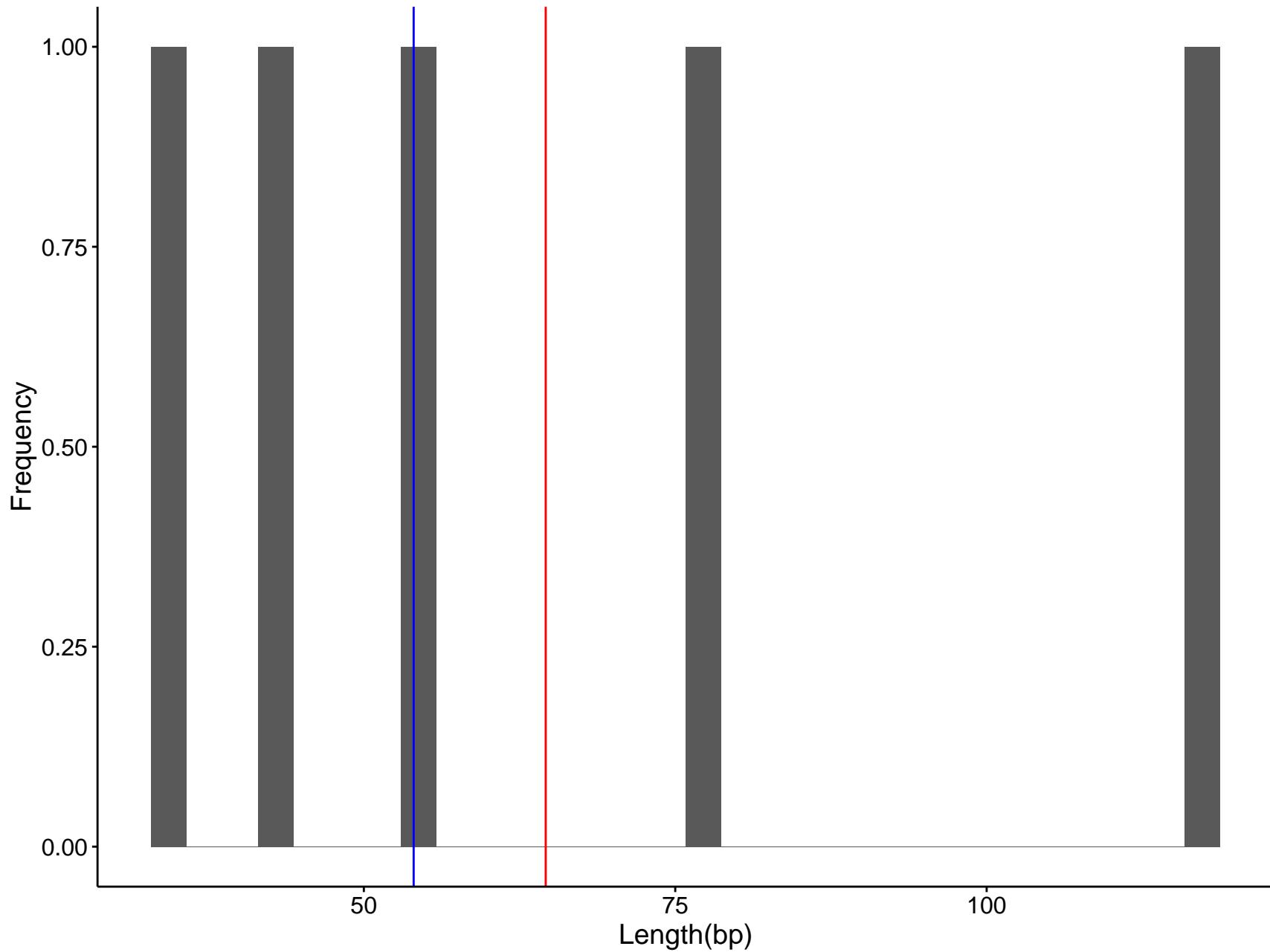
Cluster329



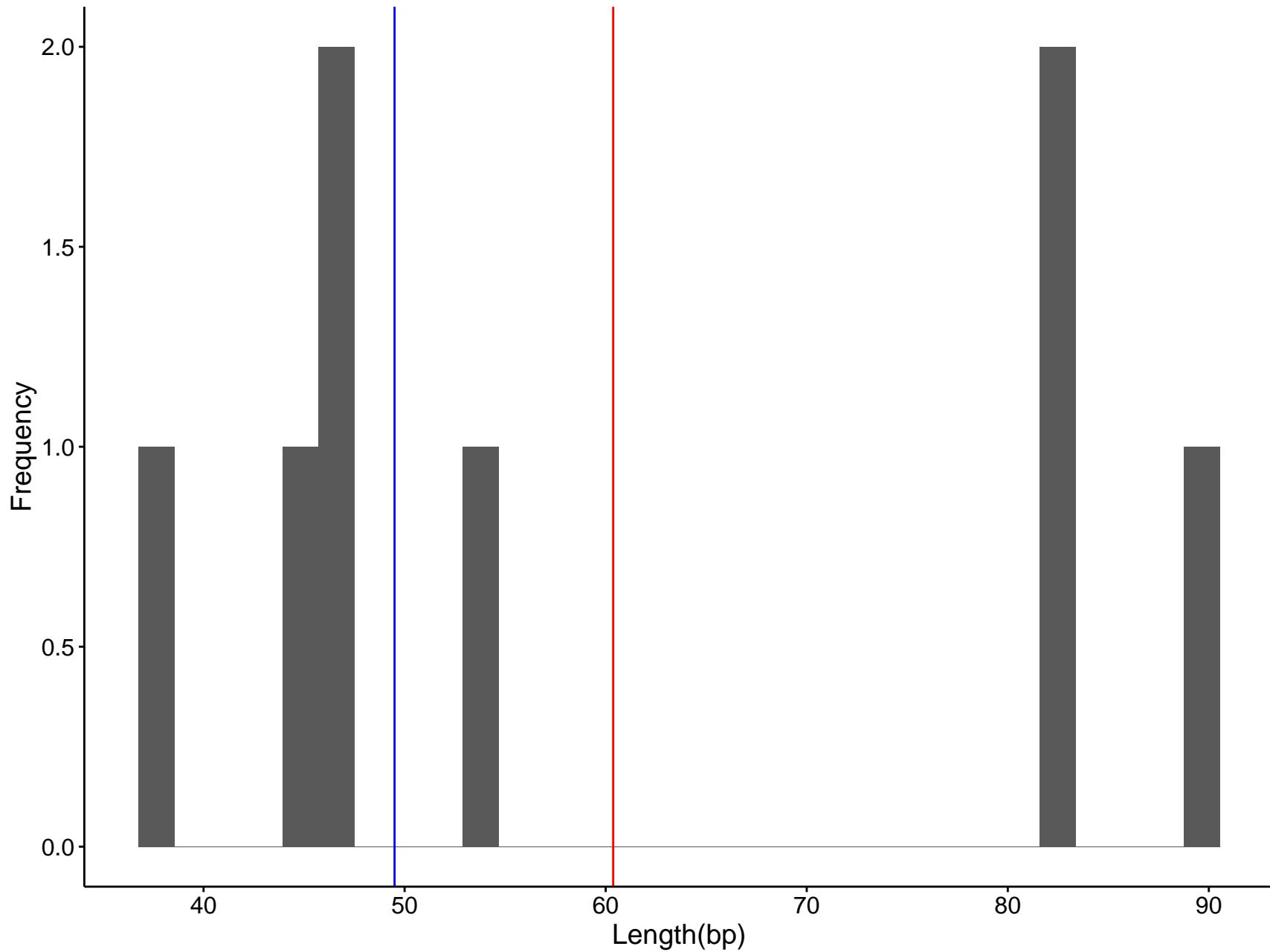
Cluster330



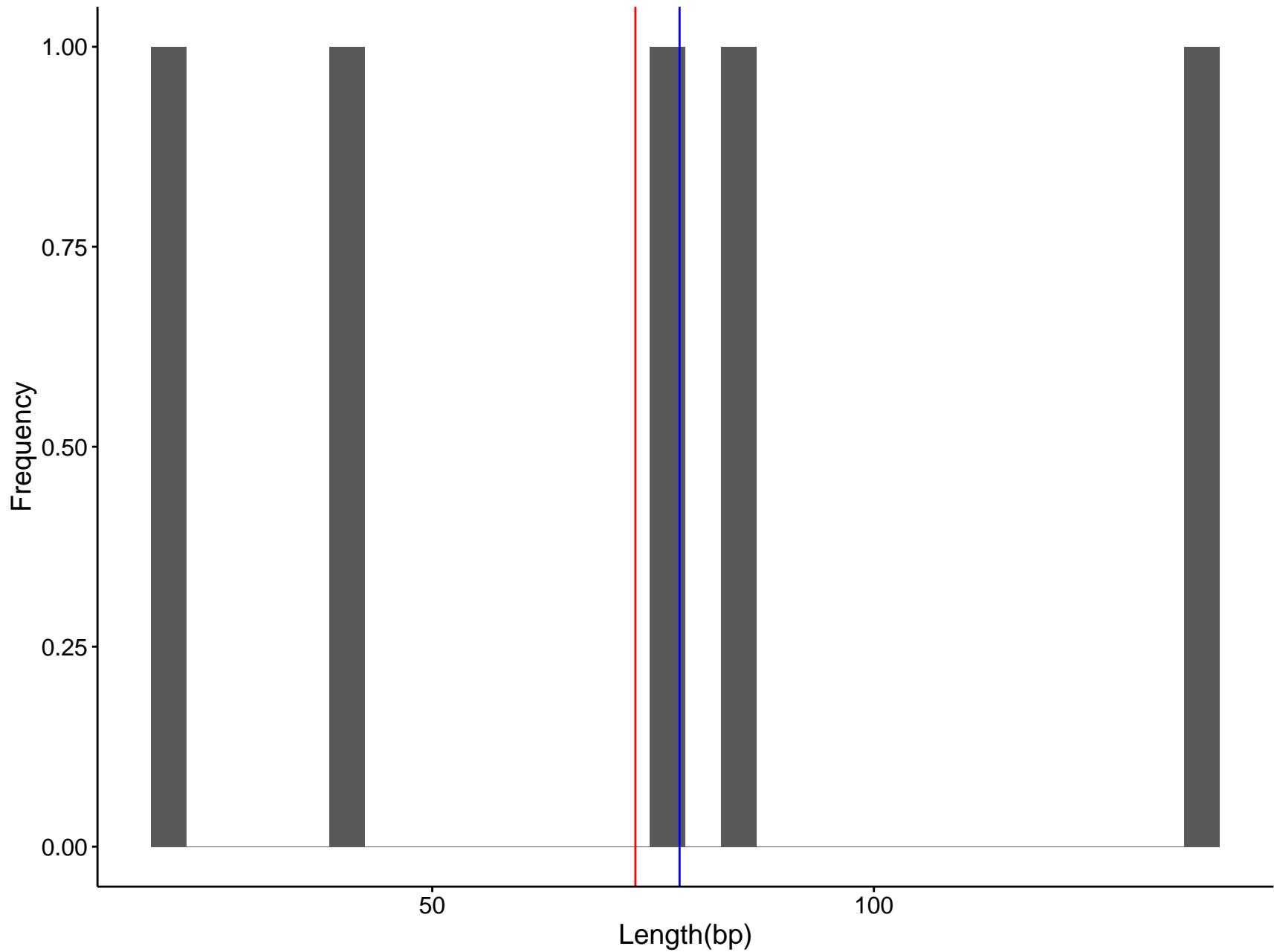
Cluster331



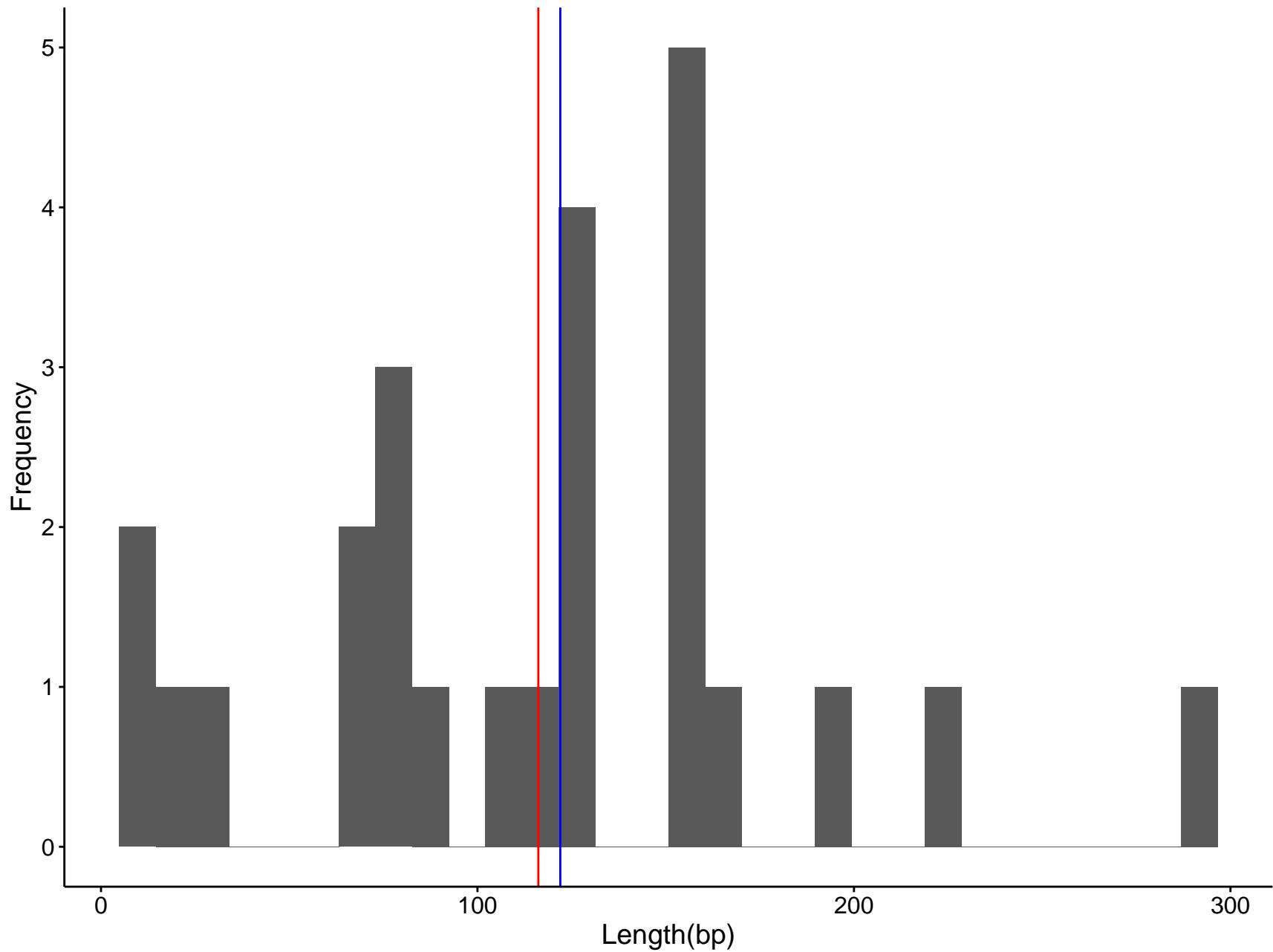
Cluster332



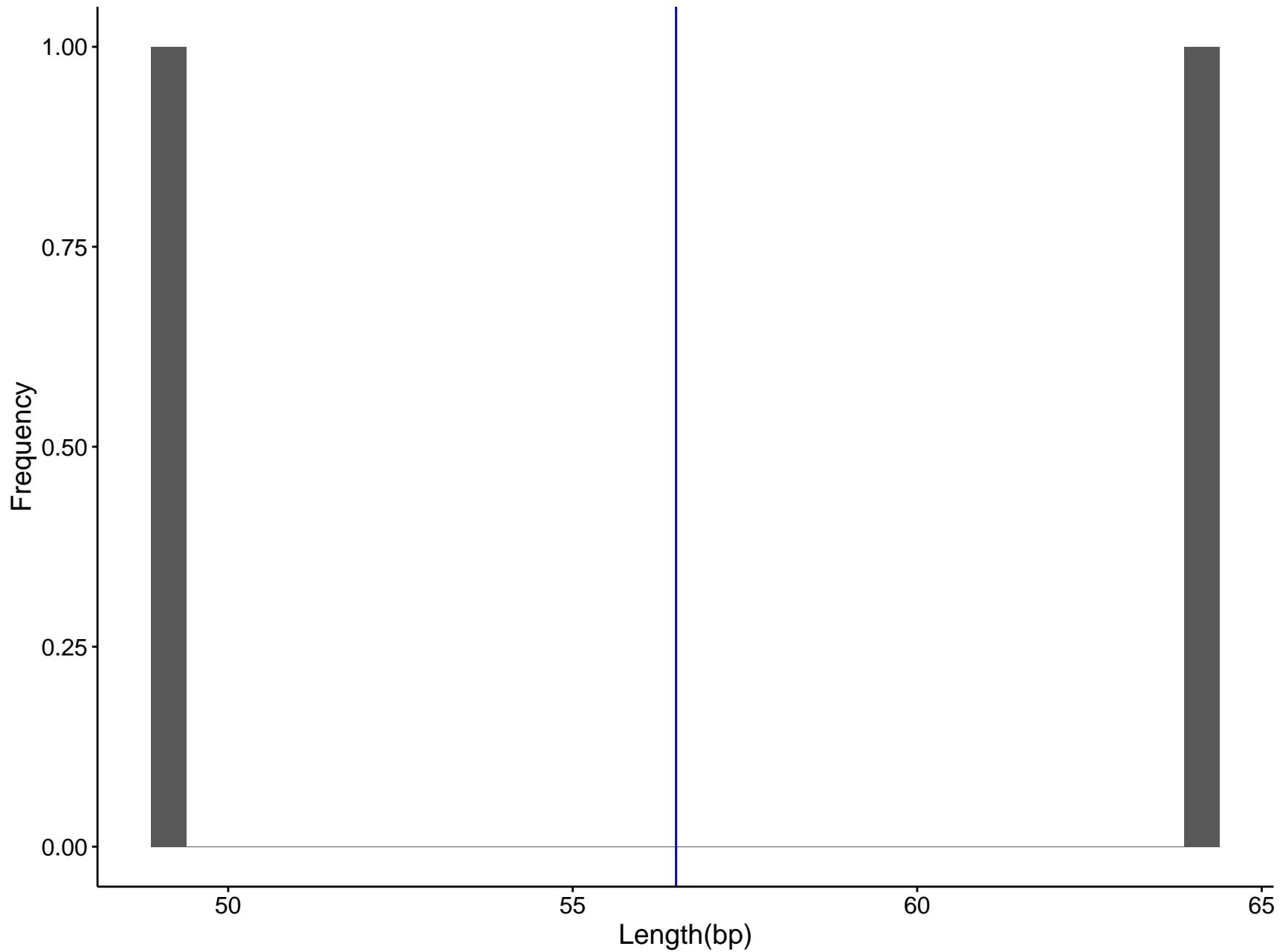
Cluster334



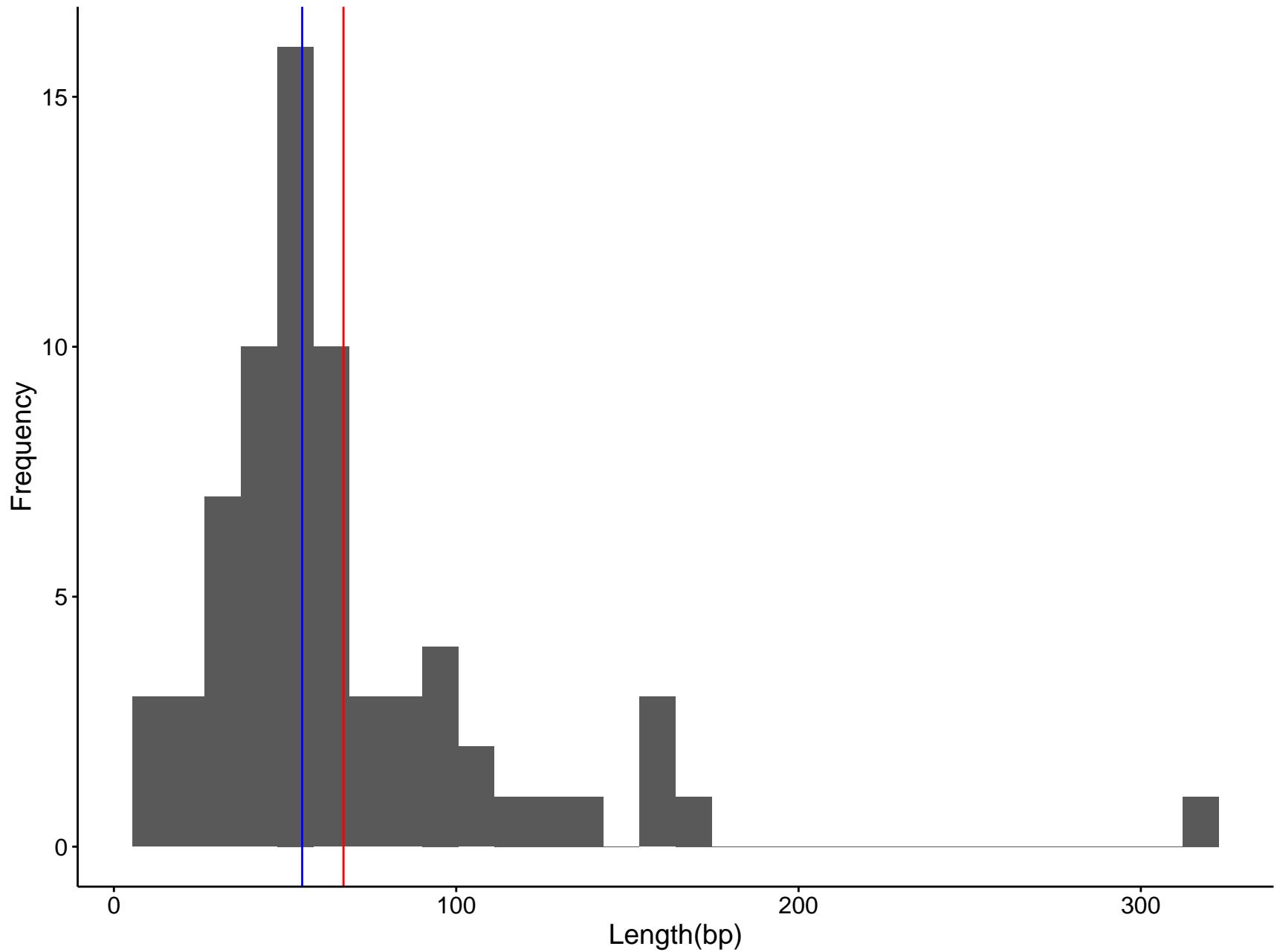
Cluster335



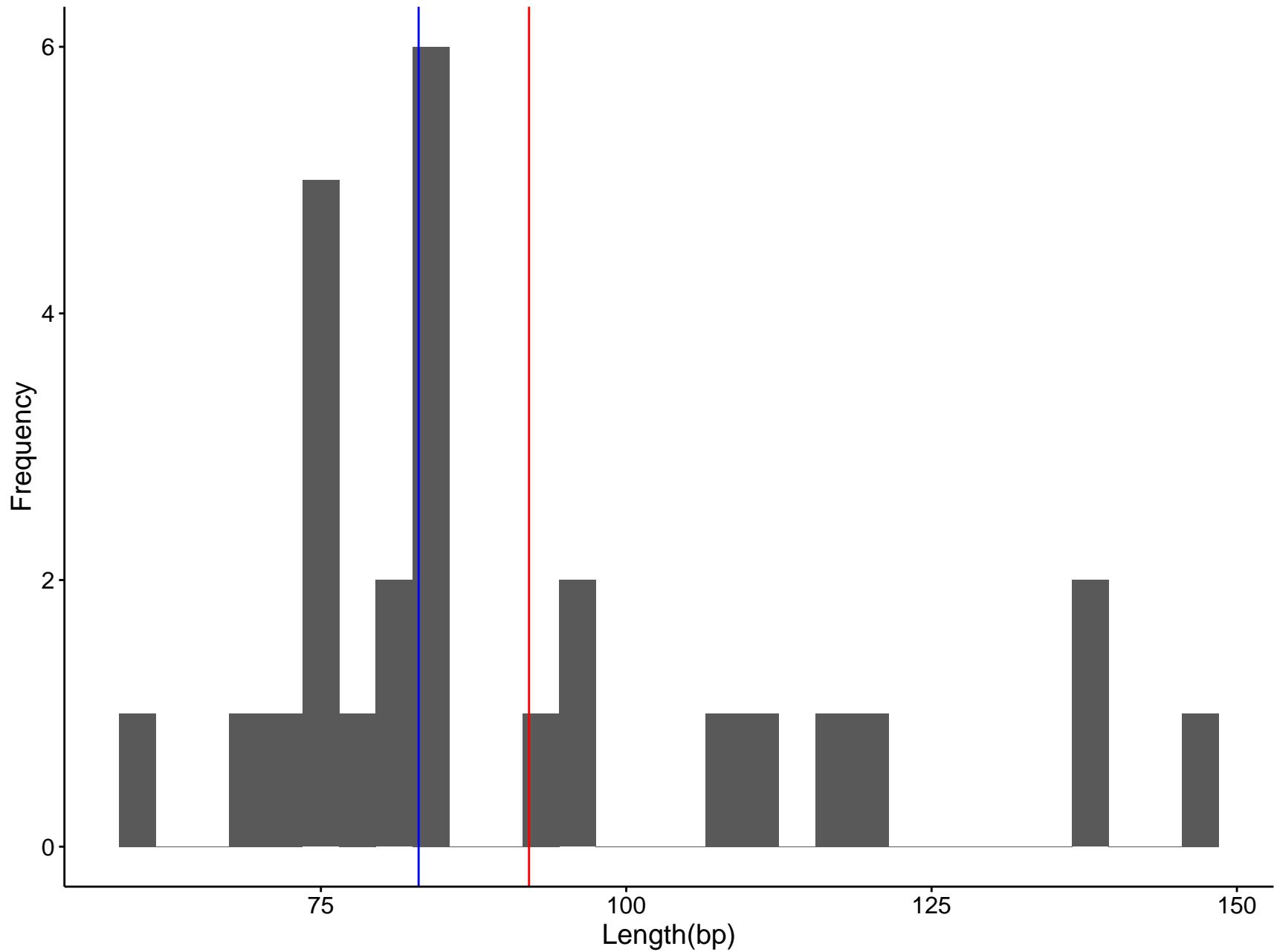
Cluster336



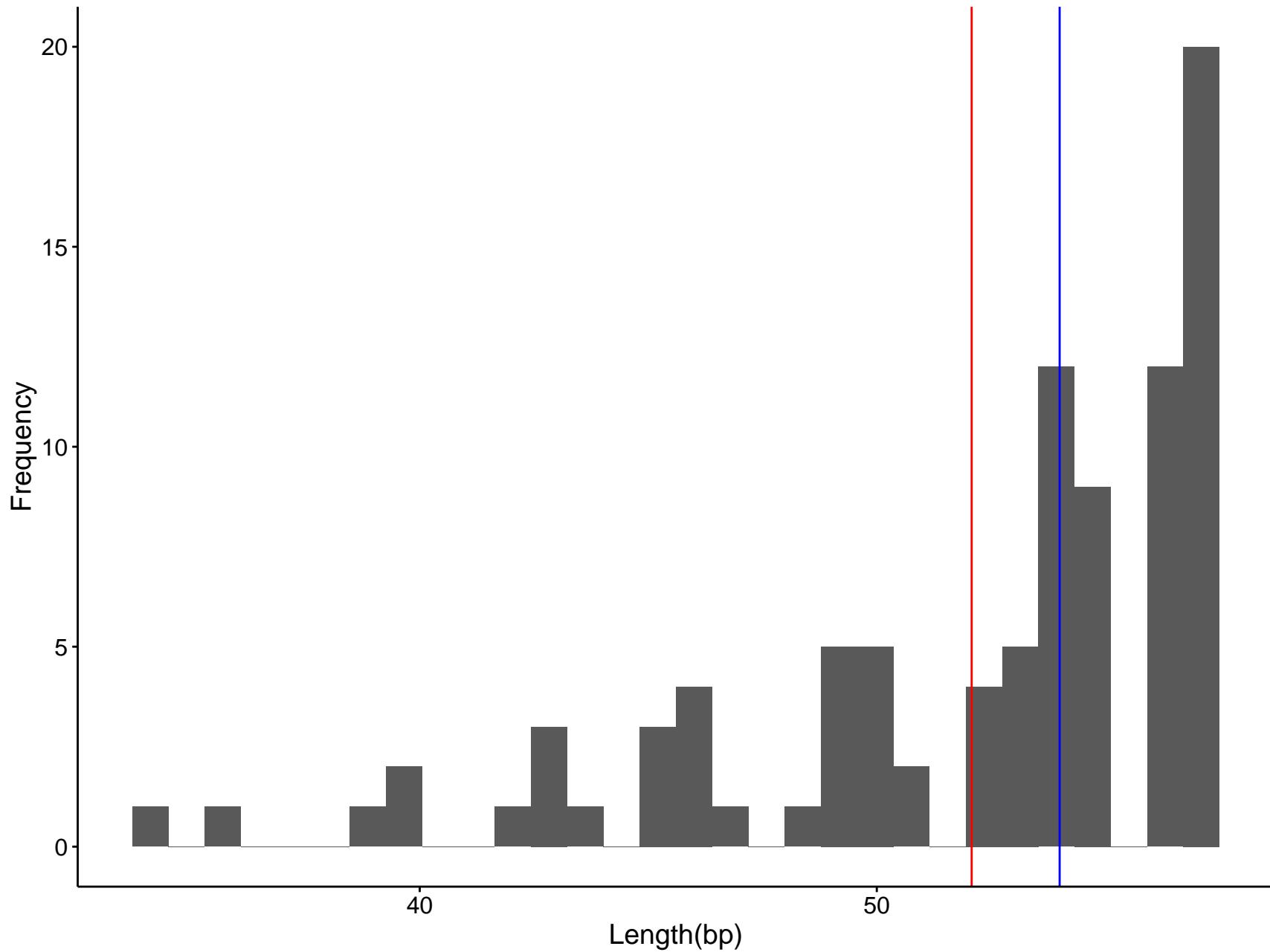
Cluster337



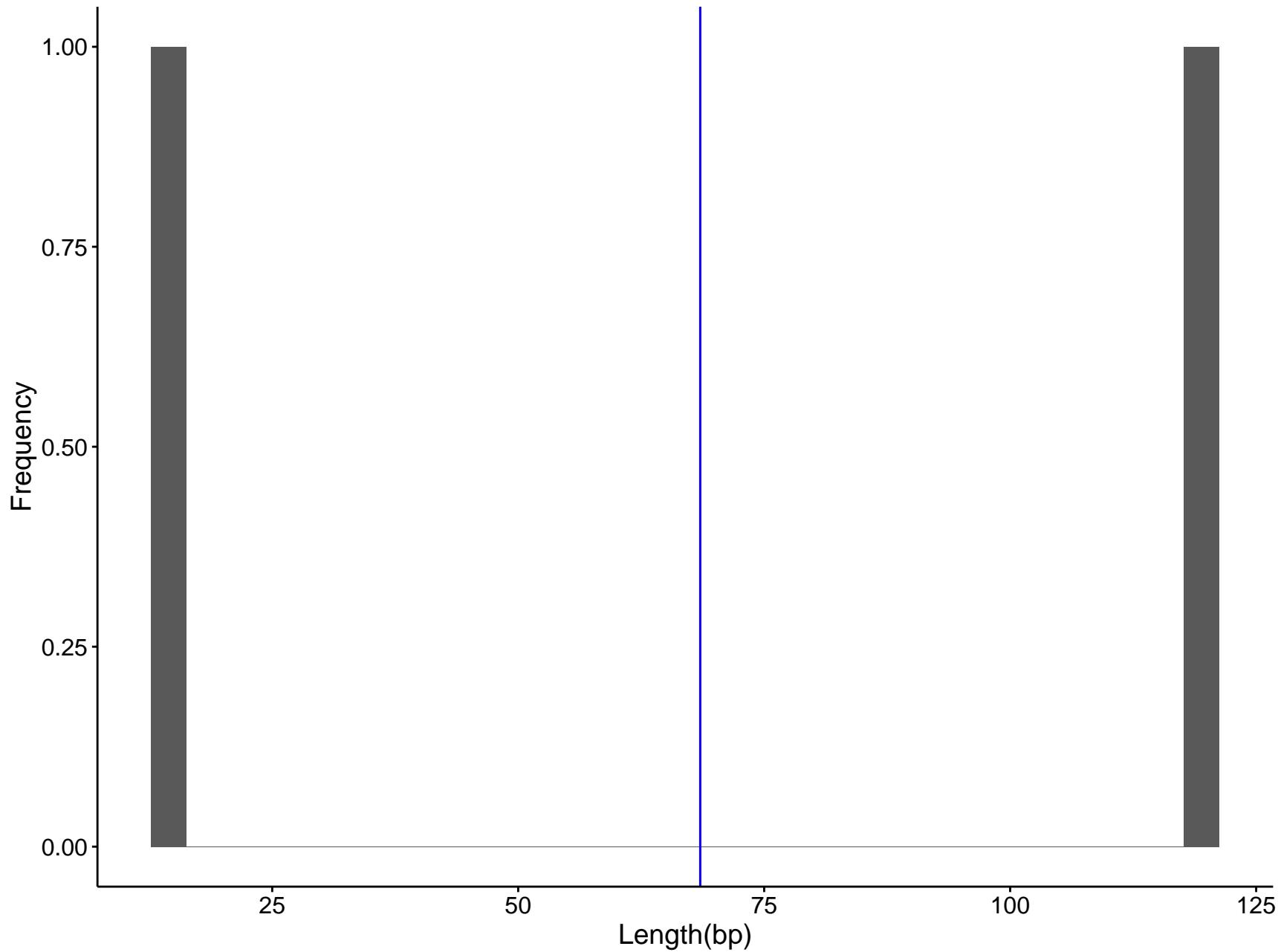
Cluster338



Cluster33



Cluster341



Cluster344

Frequency

36.950

36.975

37.000

37.025

Length(bp)



Cluster346

Frequency

57.950

57.975

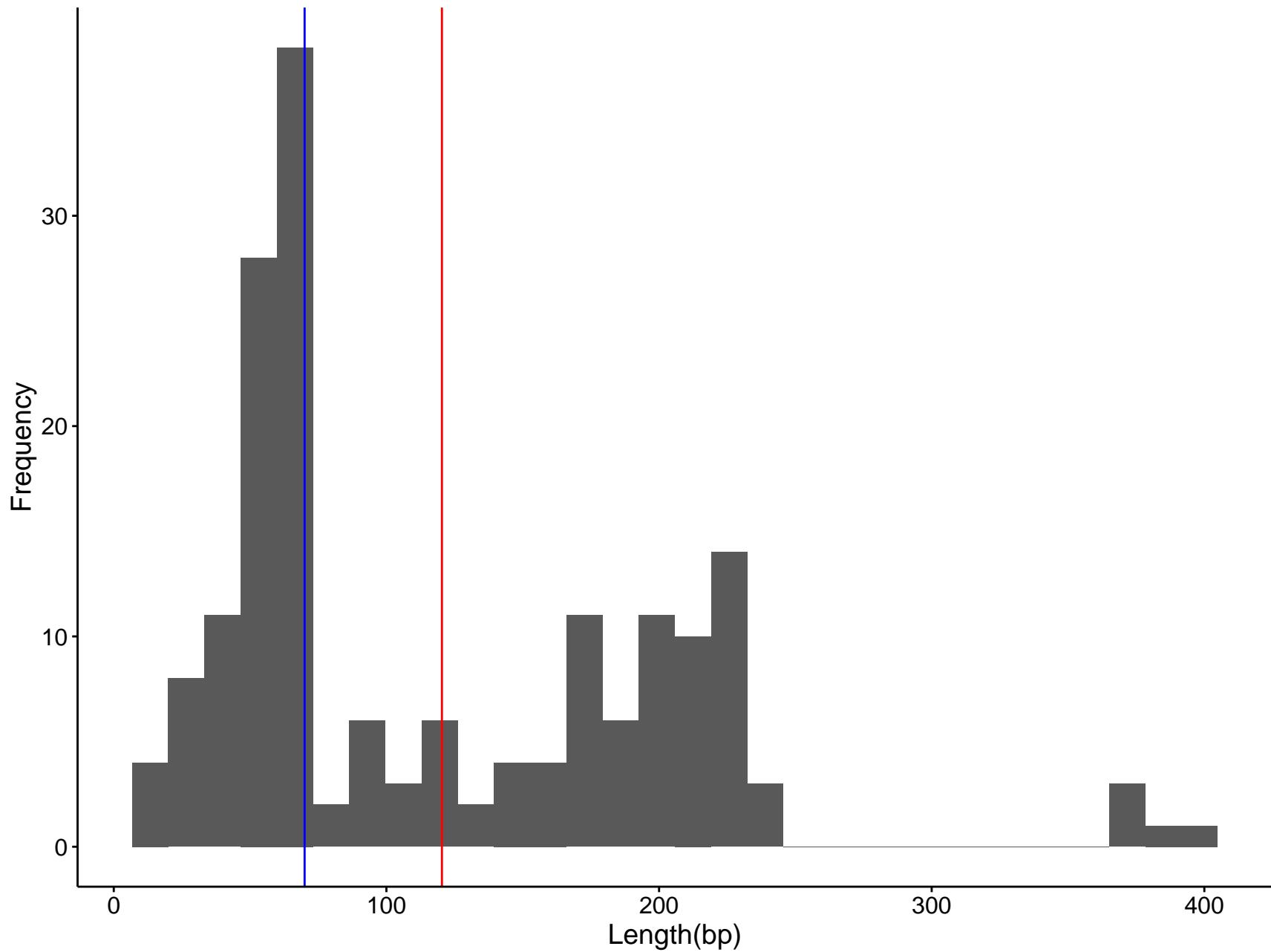
58.000

58.025

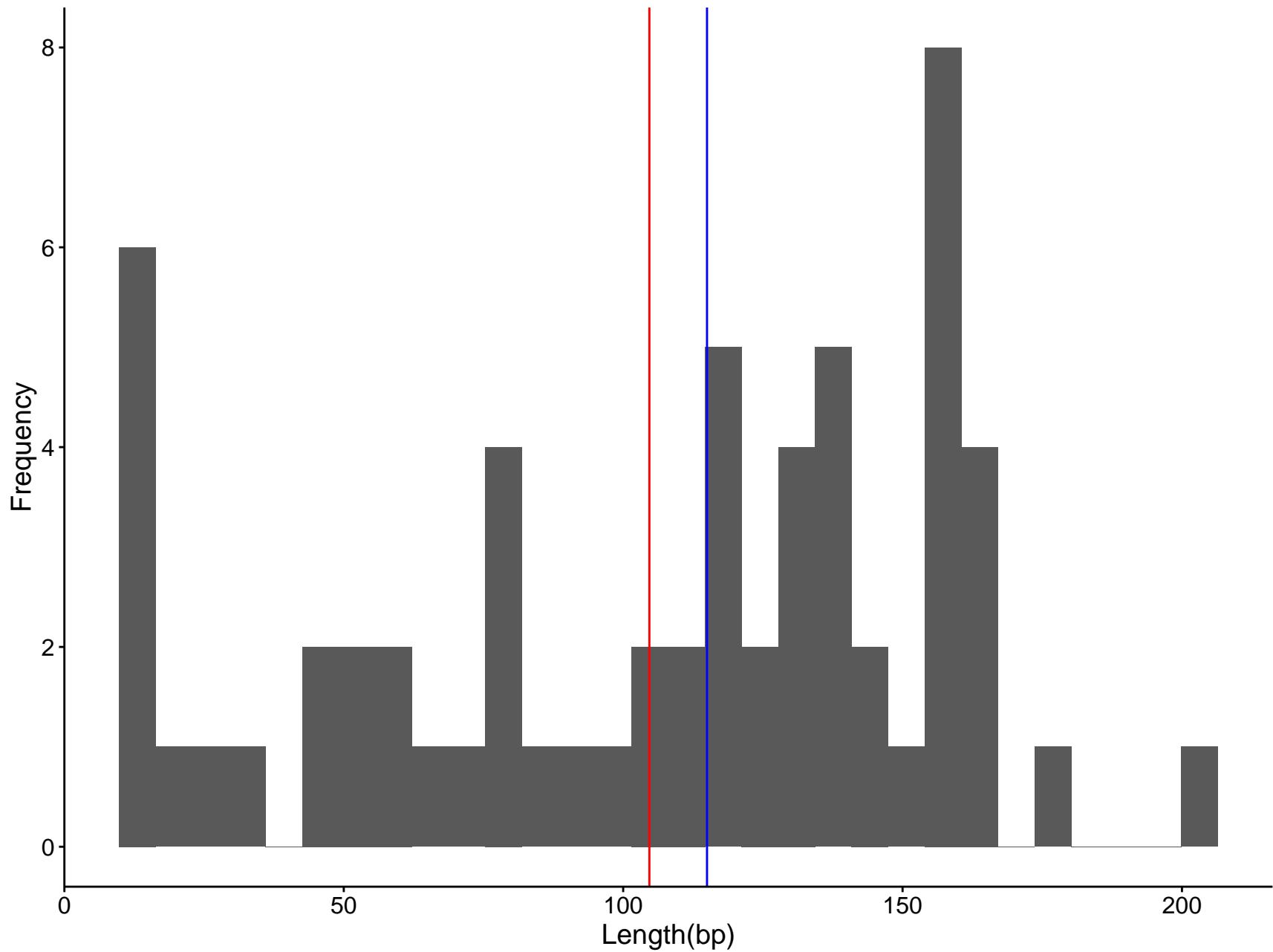
Length(bp)



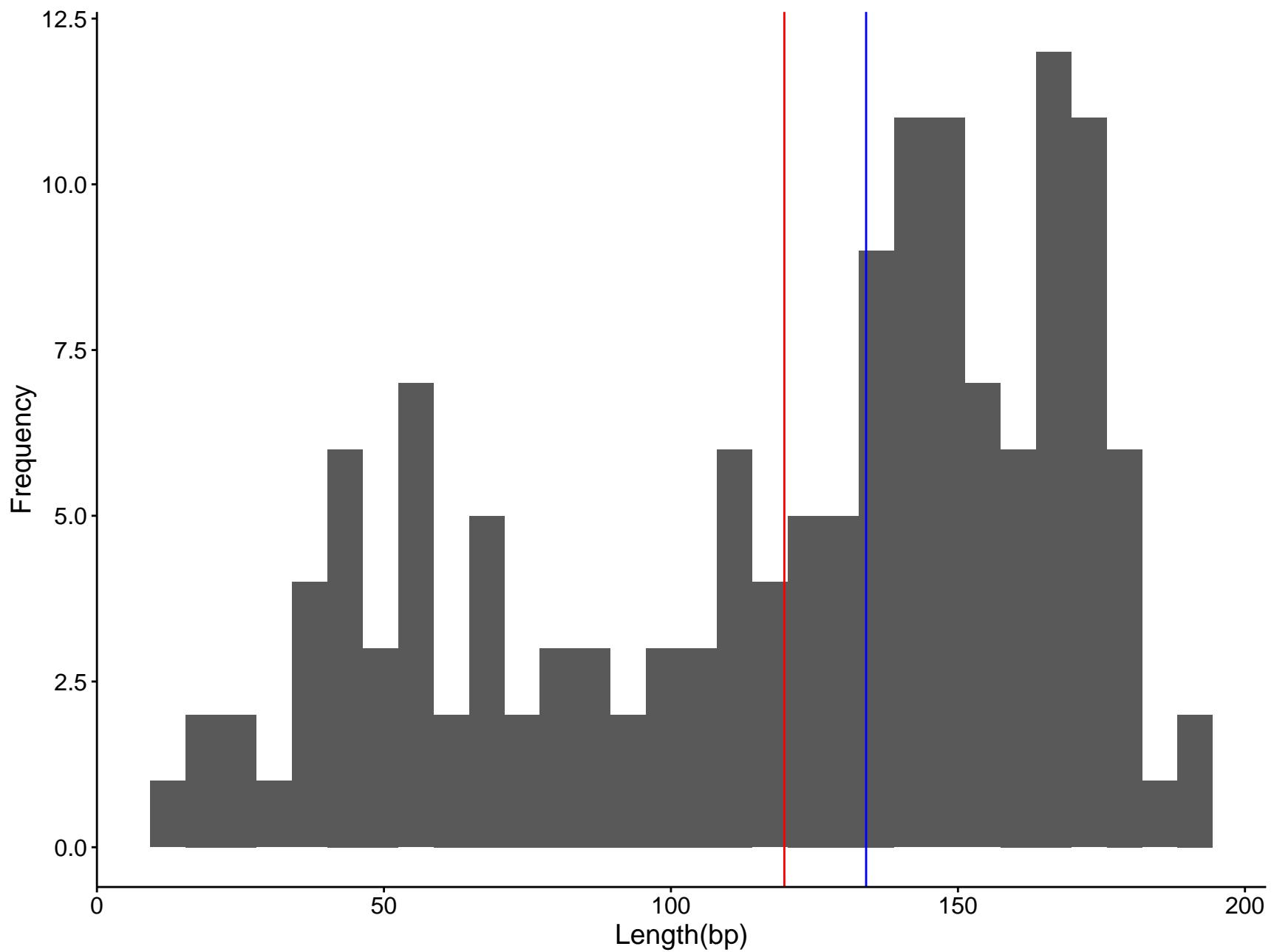
Cluster347



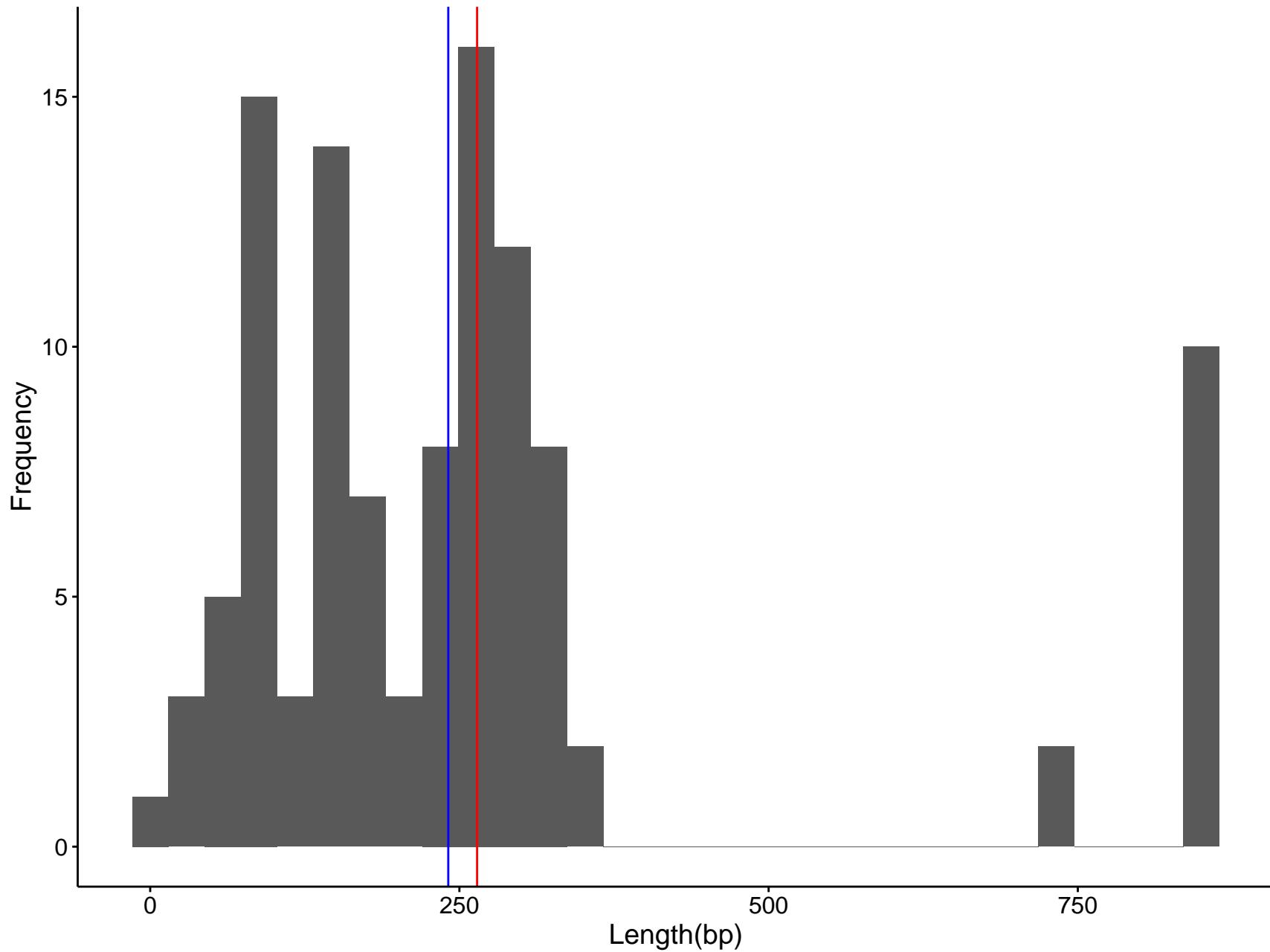
Cluster349



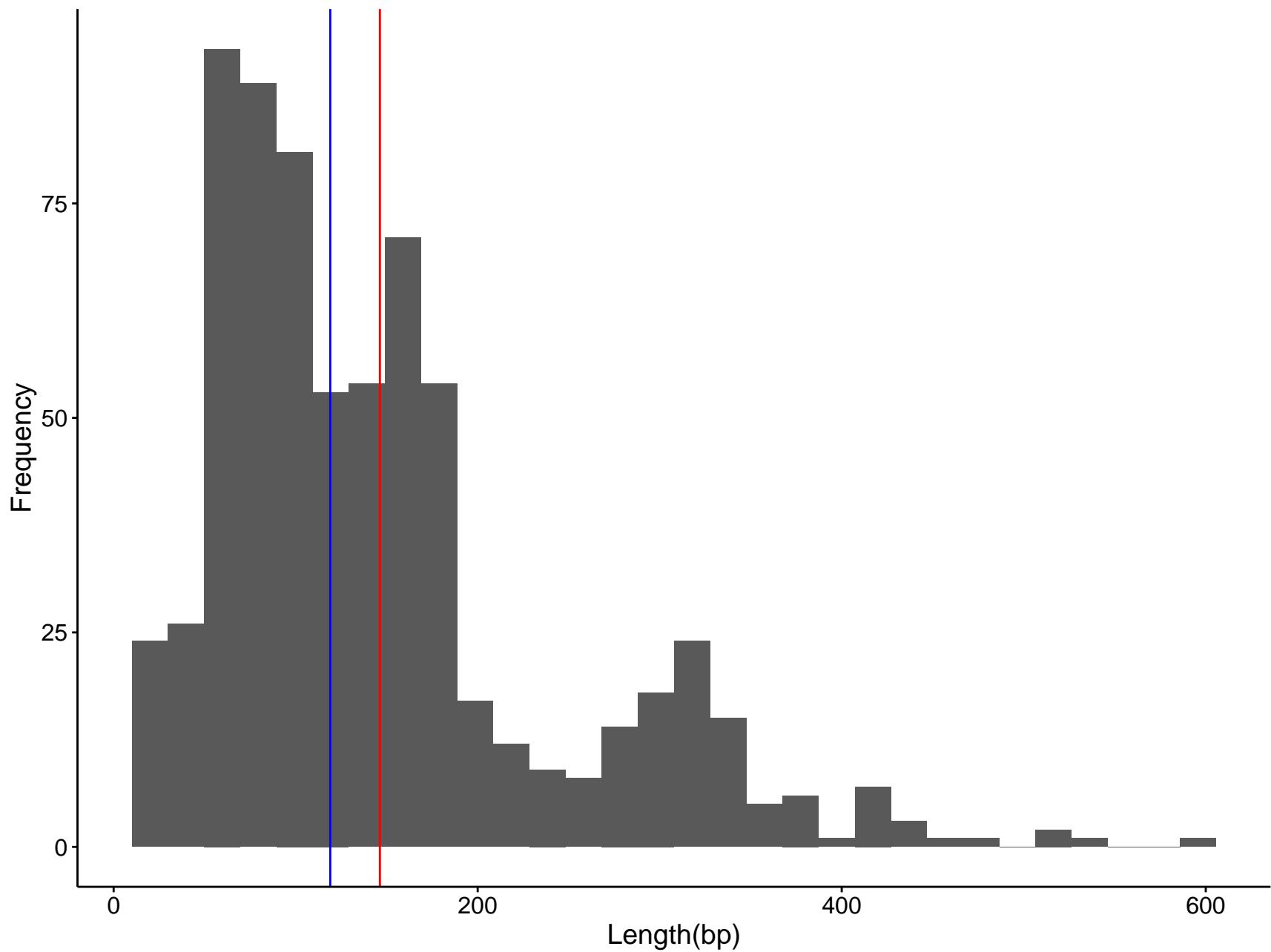
Cluster34



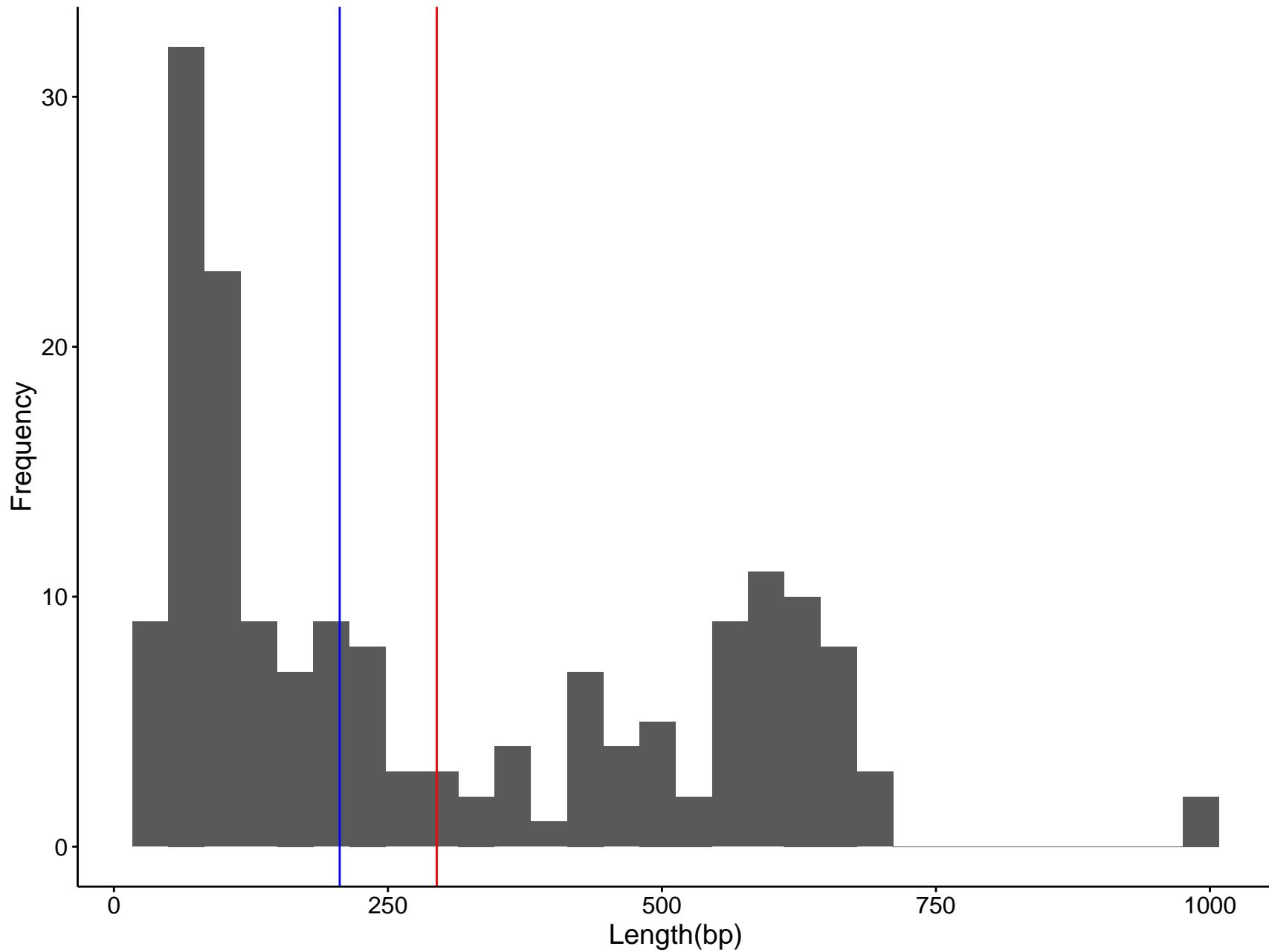
Cluster350



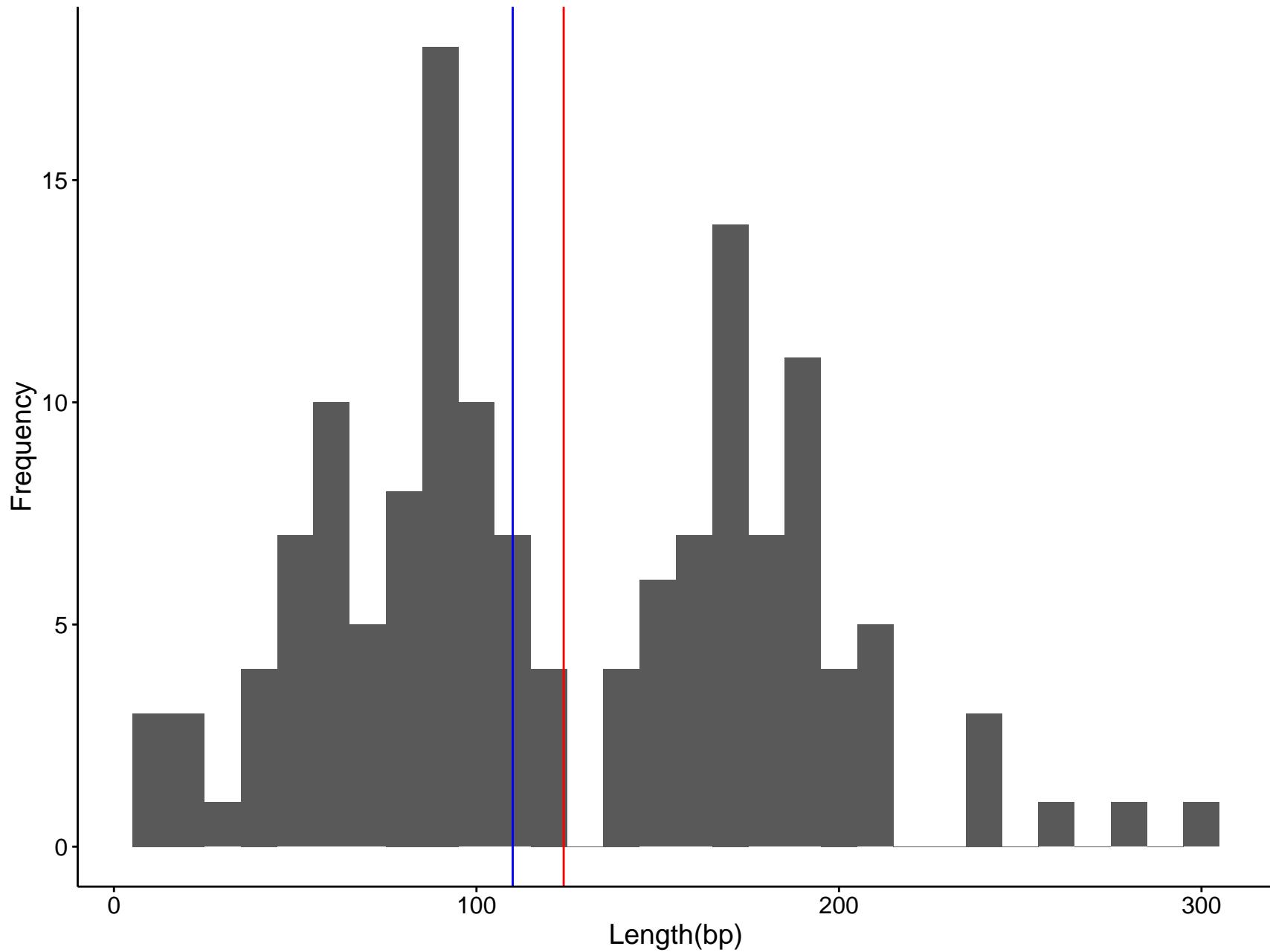
Cluster351



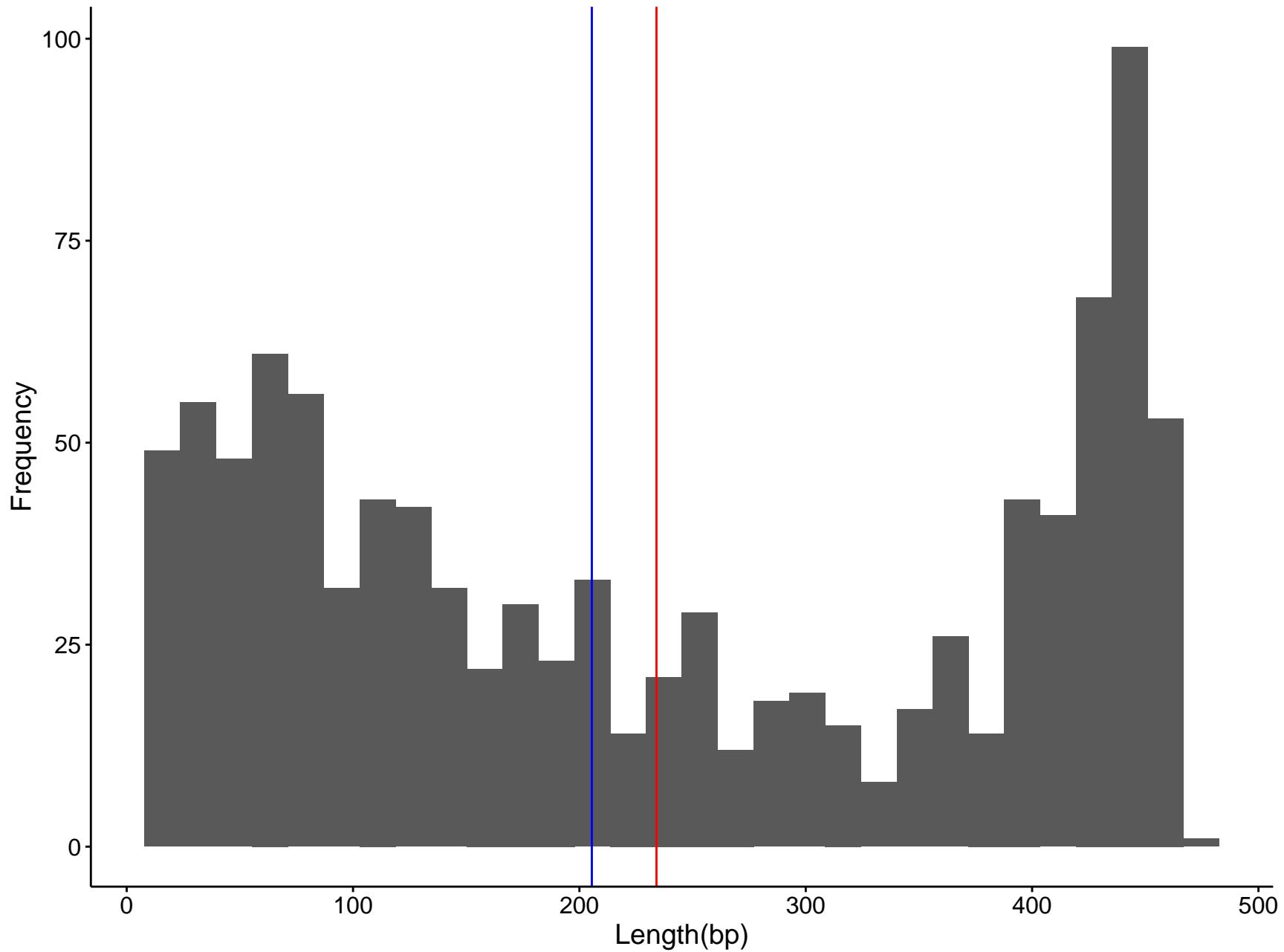
Cluster352



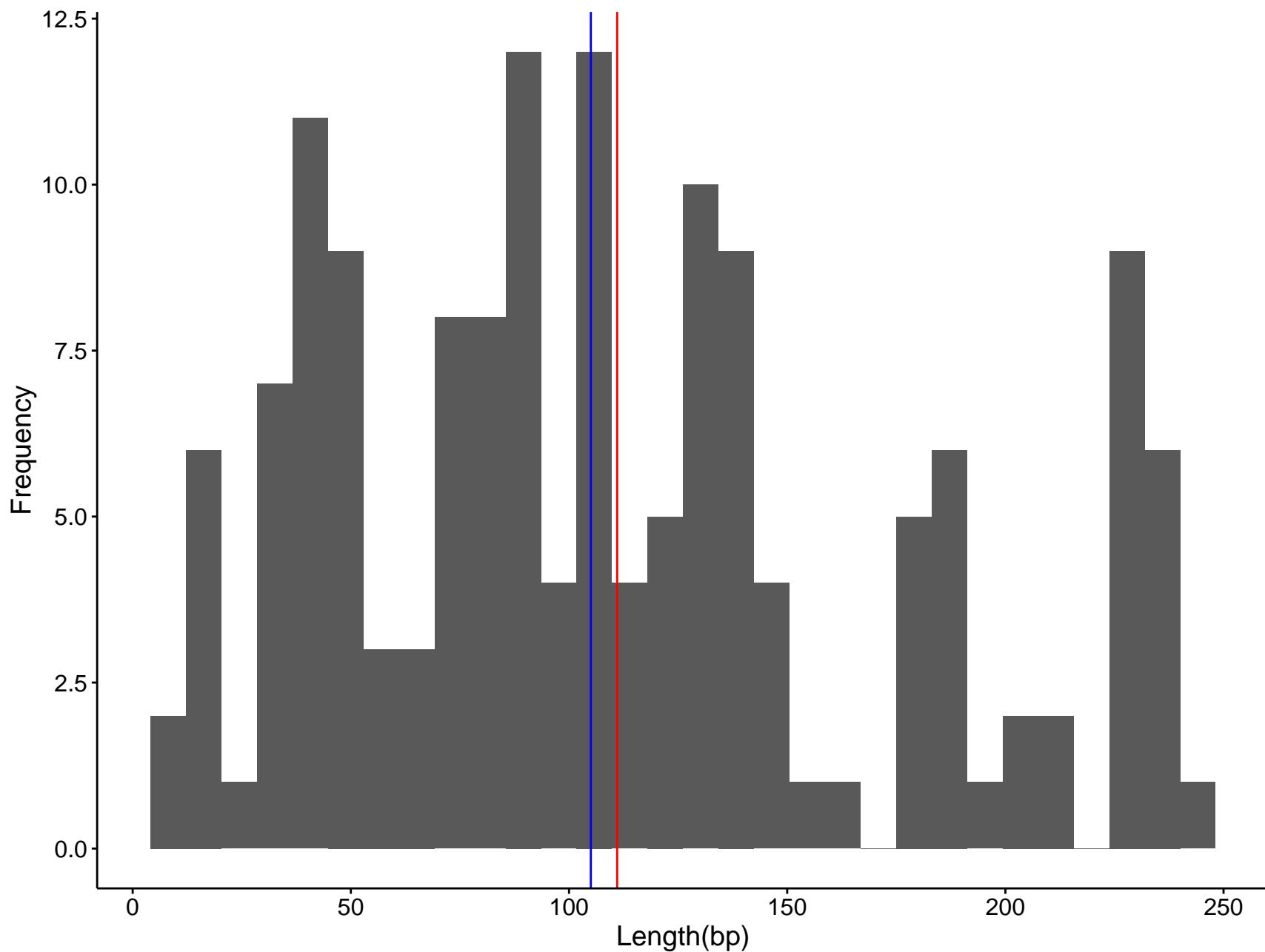
Cluster353



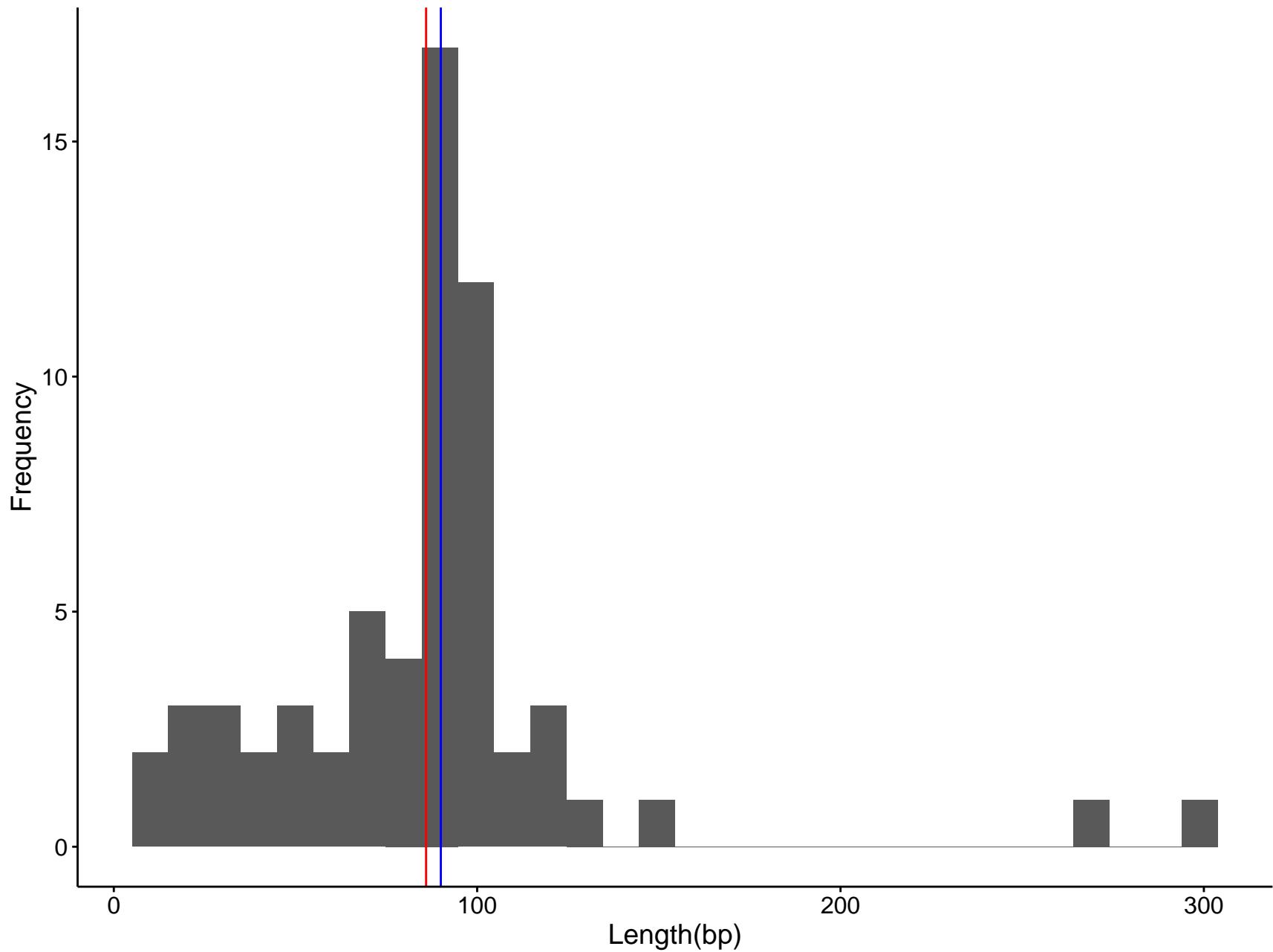
Cluster354



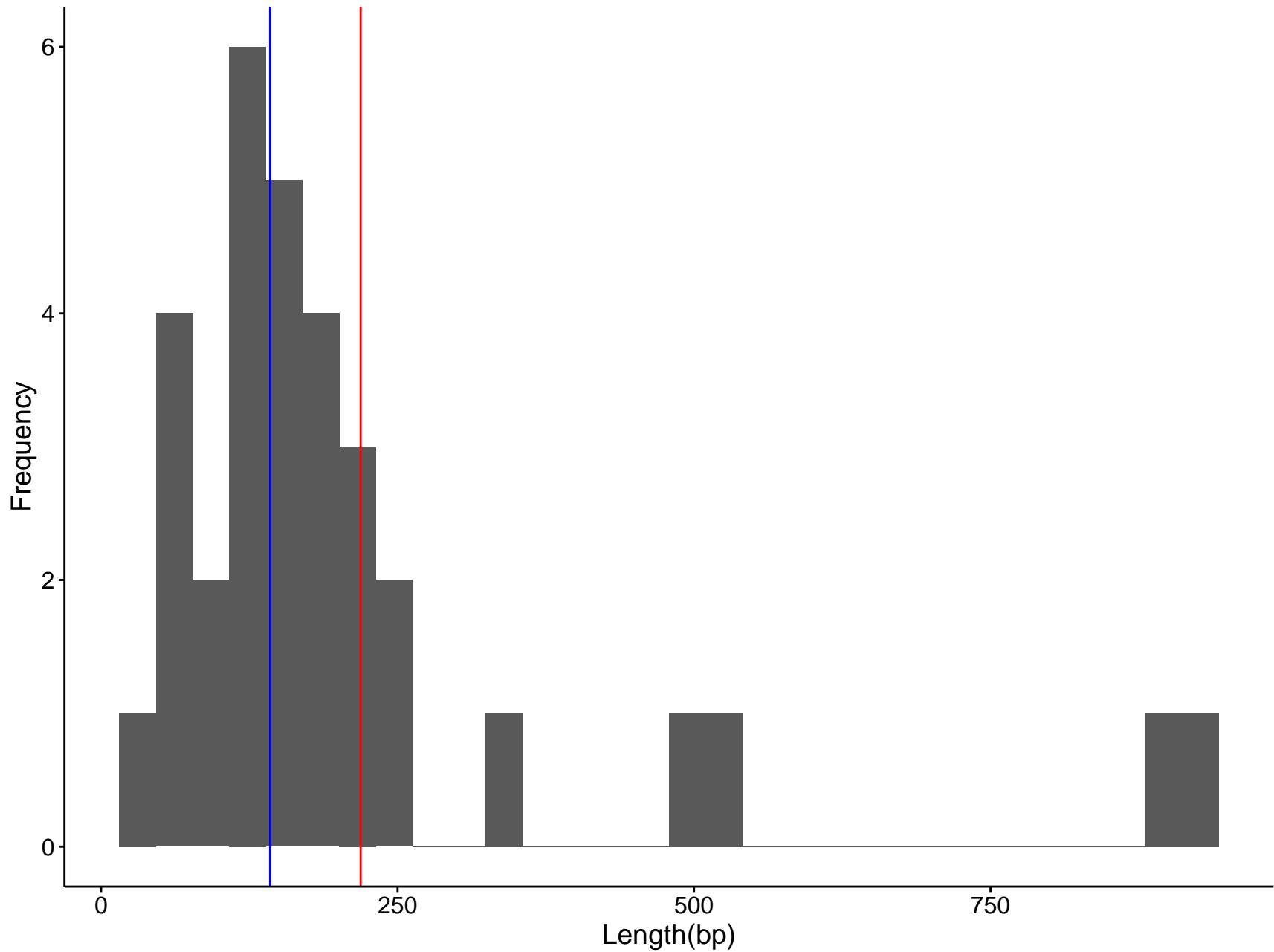
Cluster355



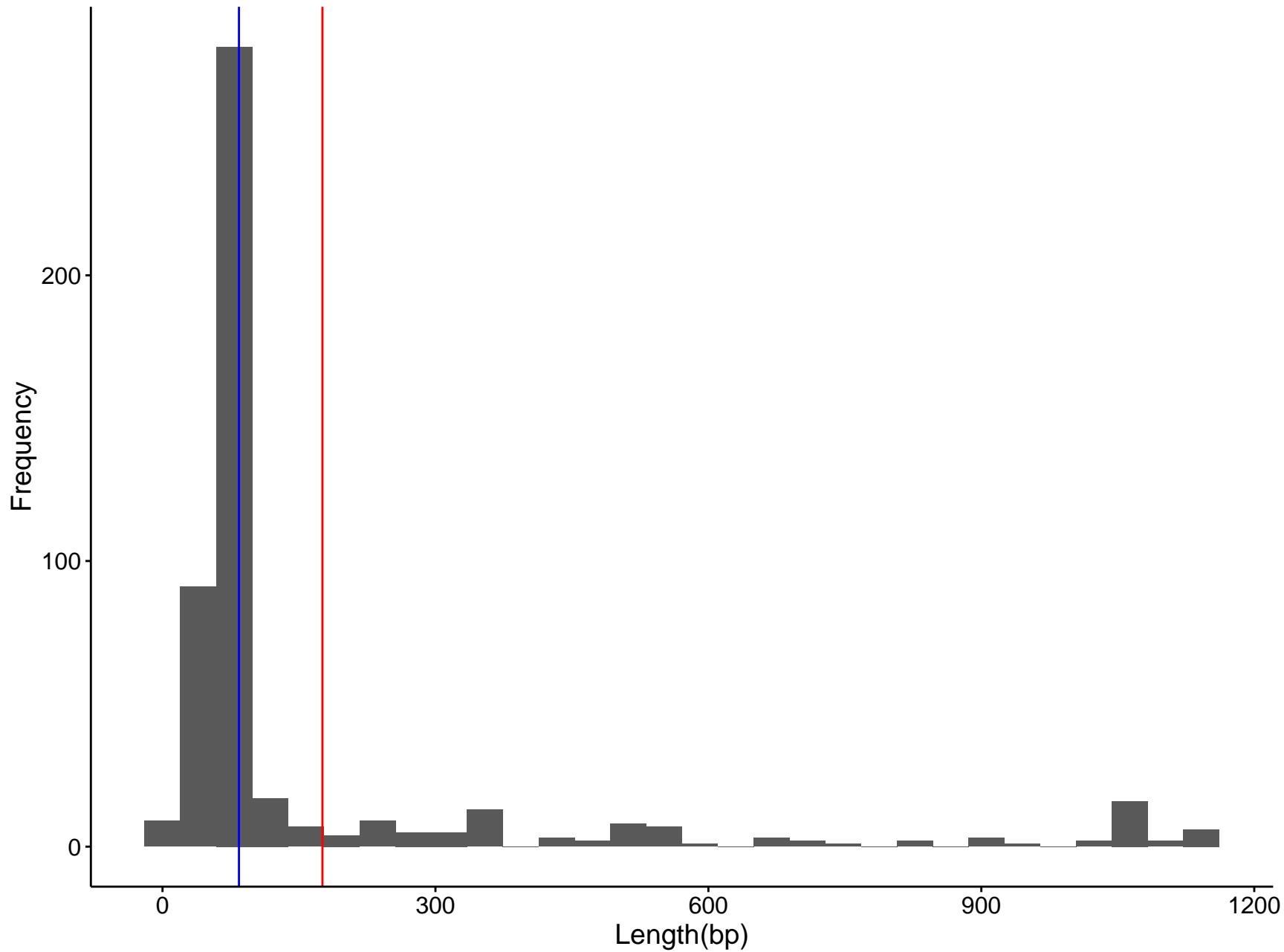
Cluster357



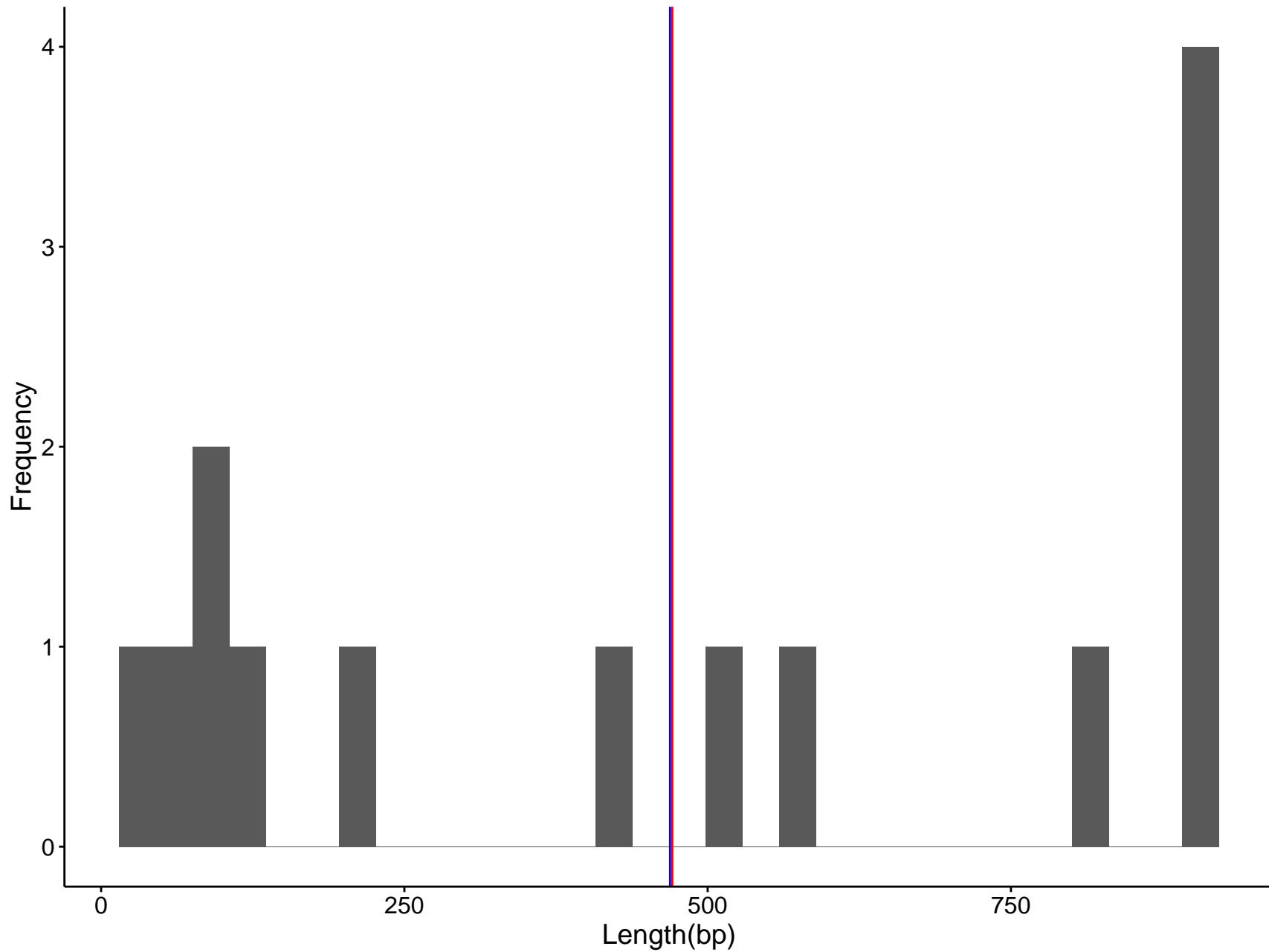
Cluster358



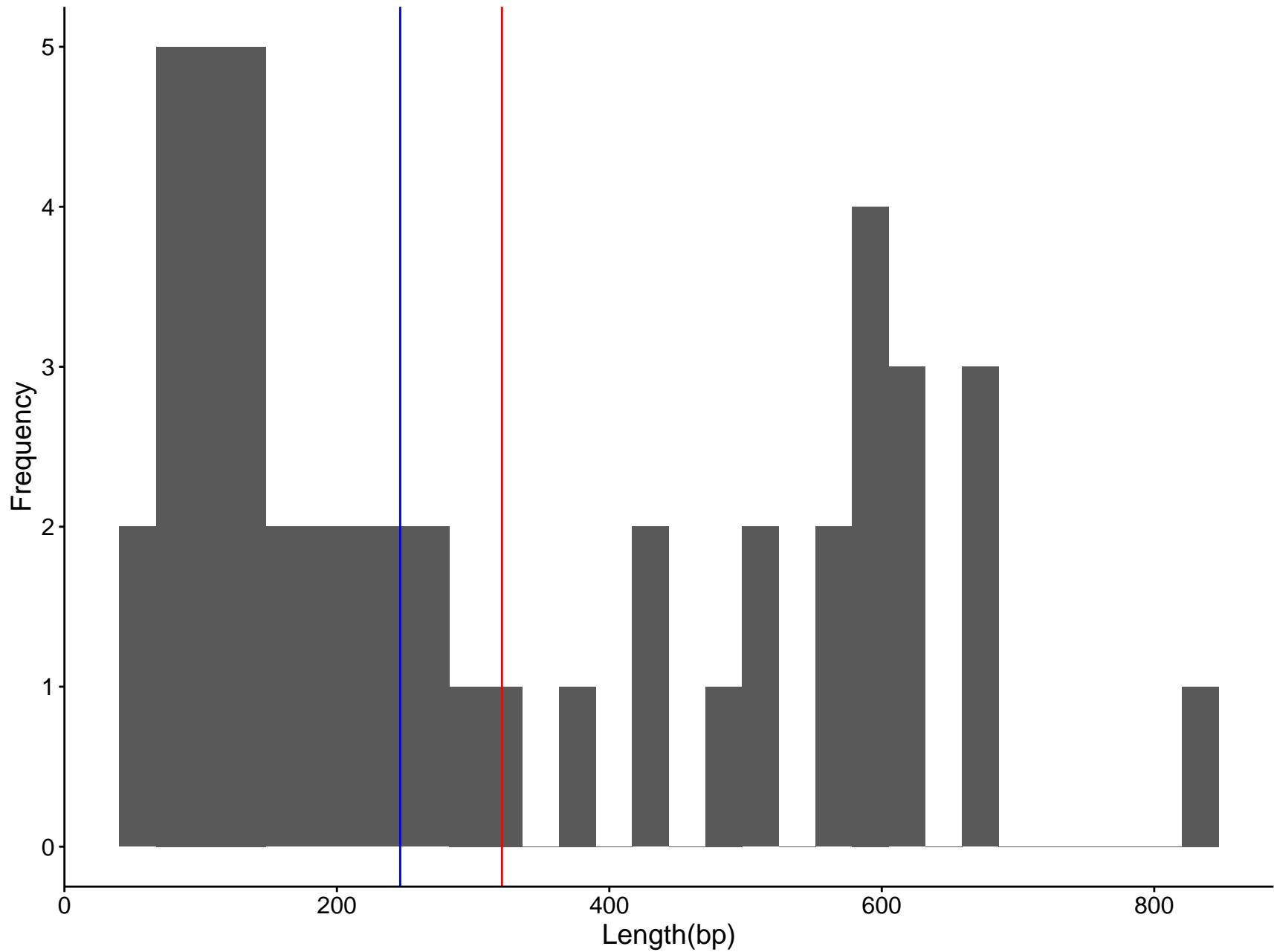
Cluster35



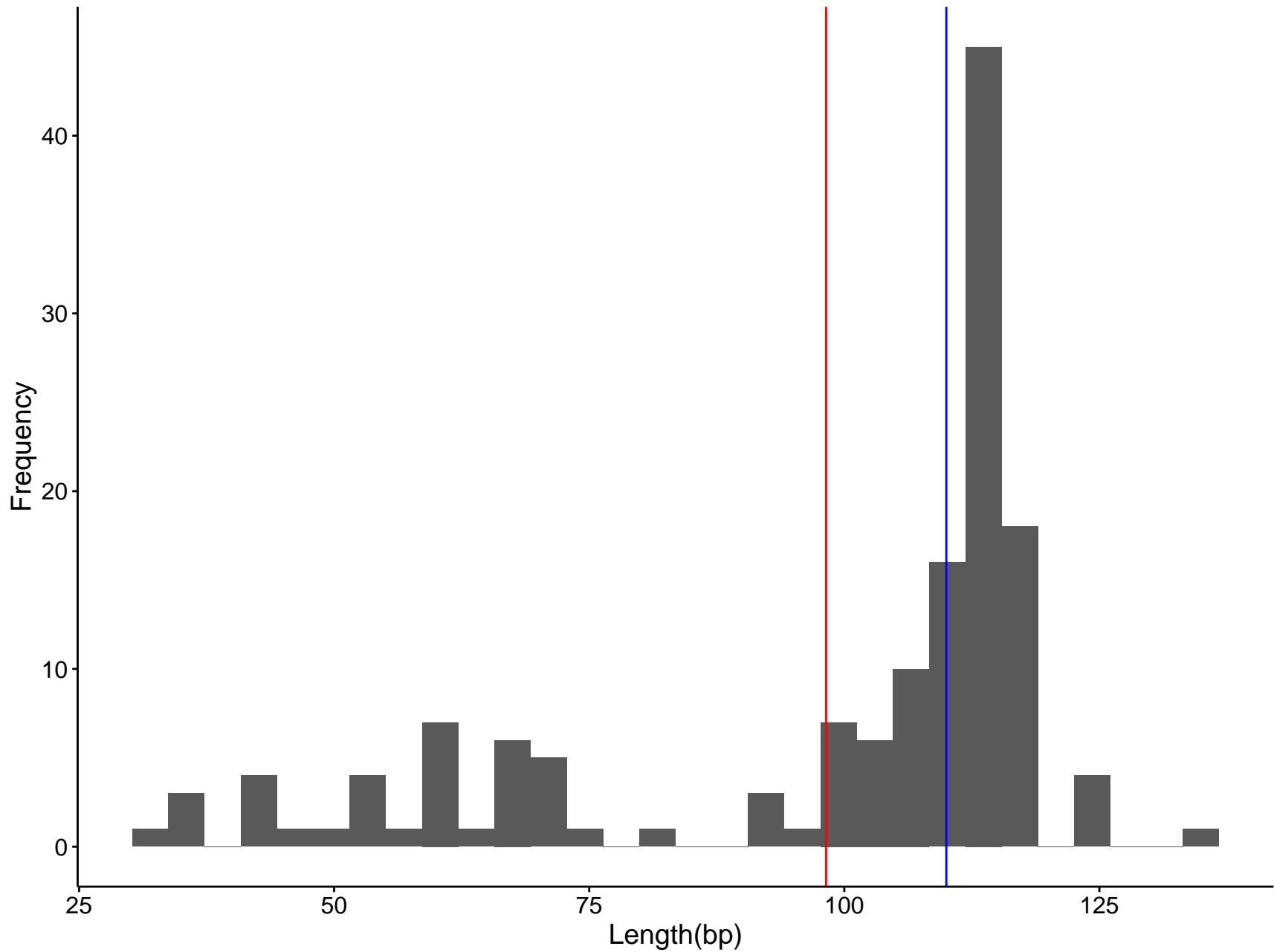
Cluster360



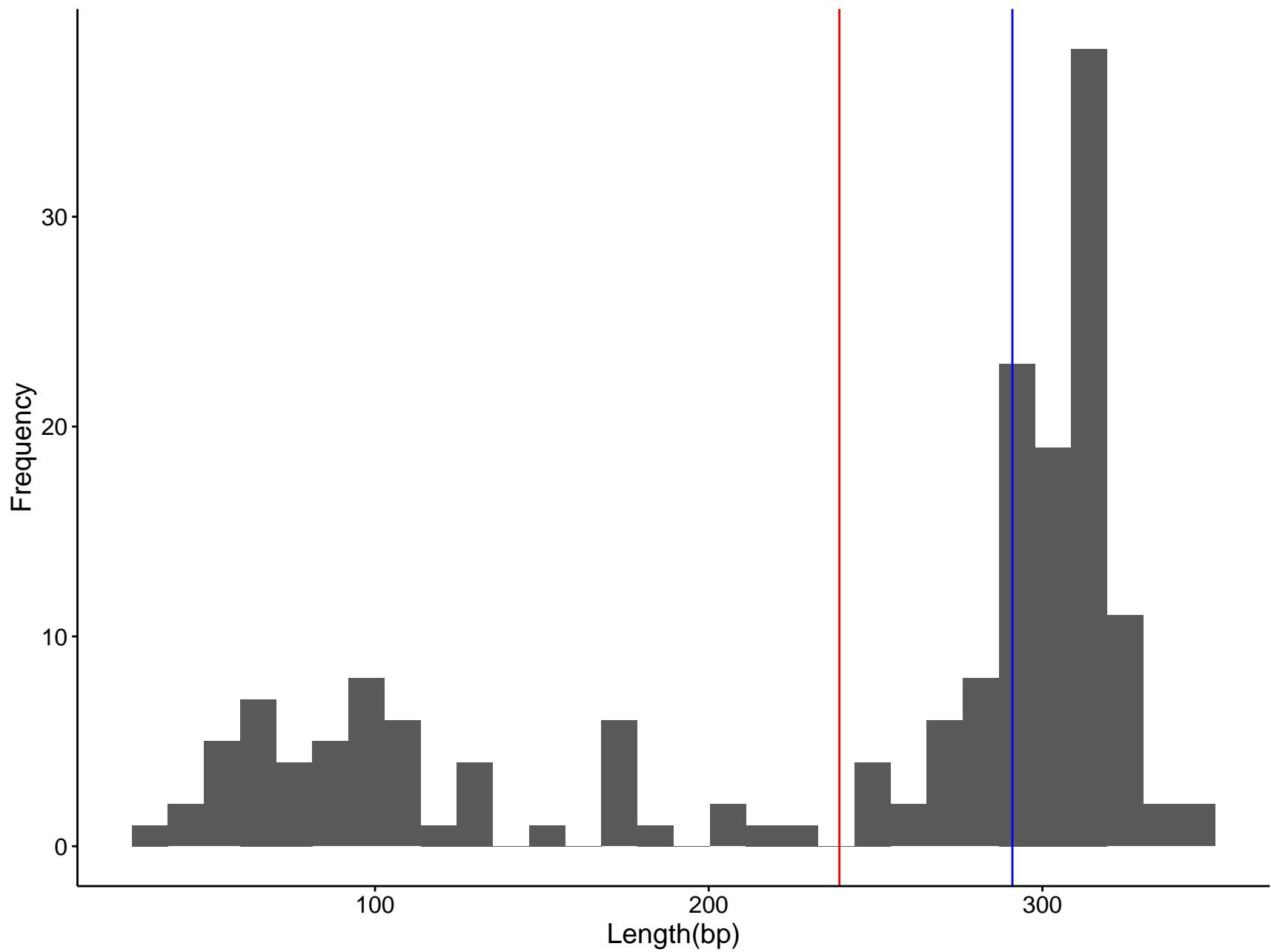
Cluster361



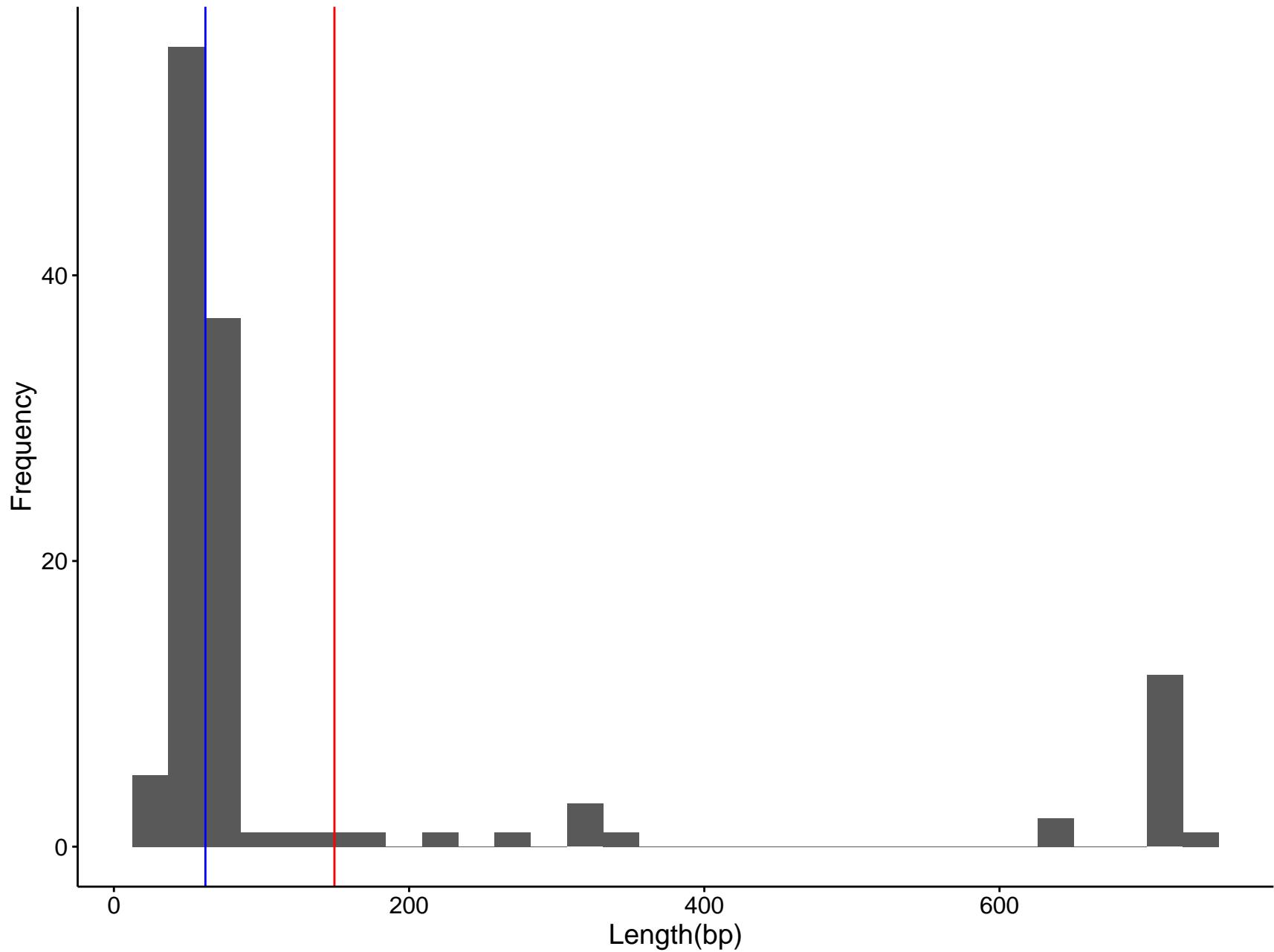
Cluster362



Cluster363



Cluster364



Cluster366

Frequency

30

20

10

50

100

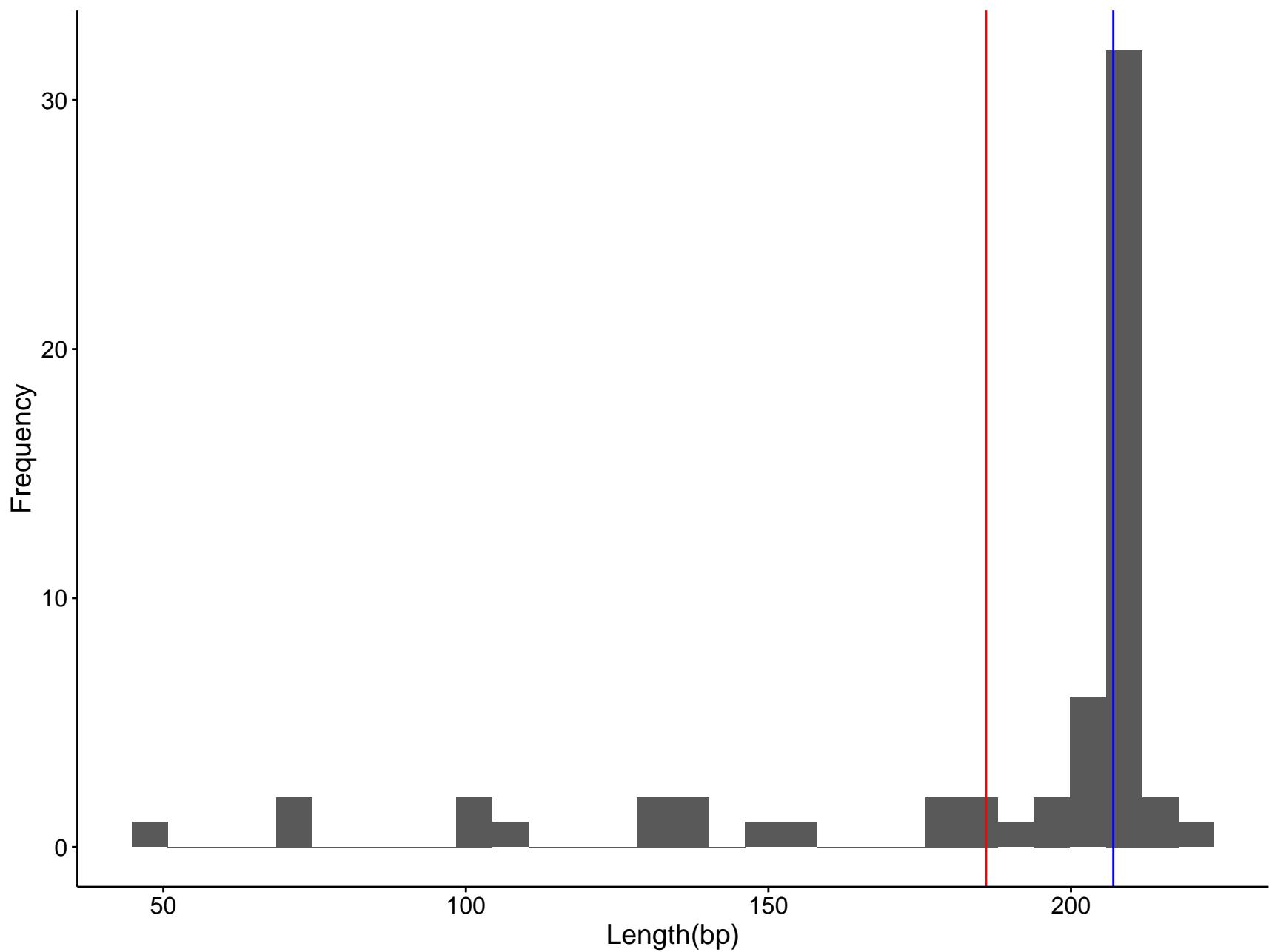
150

200

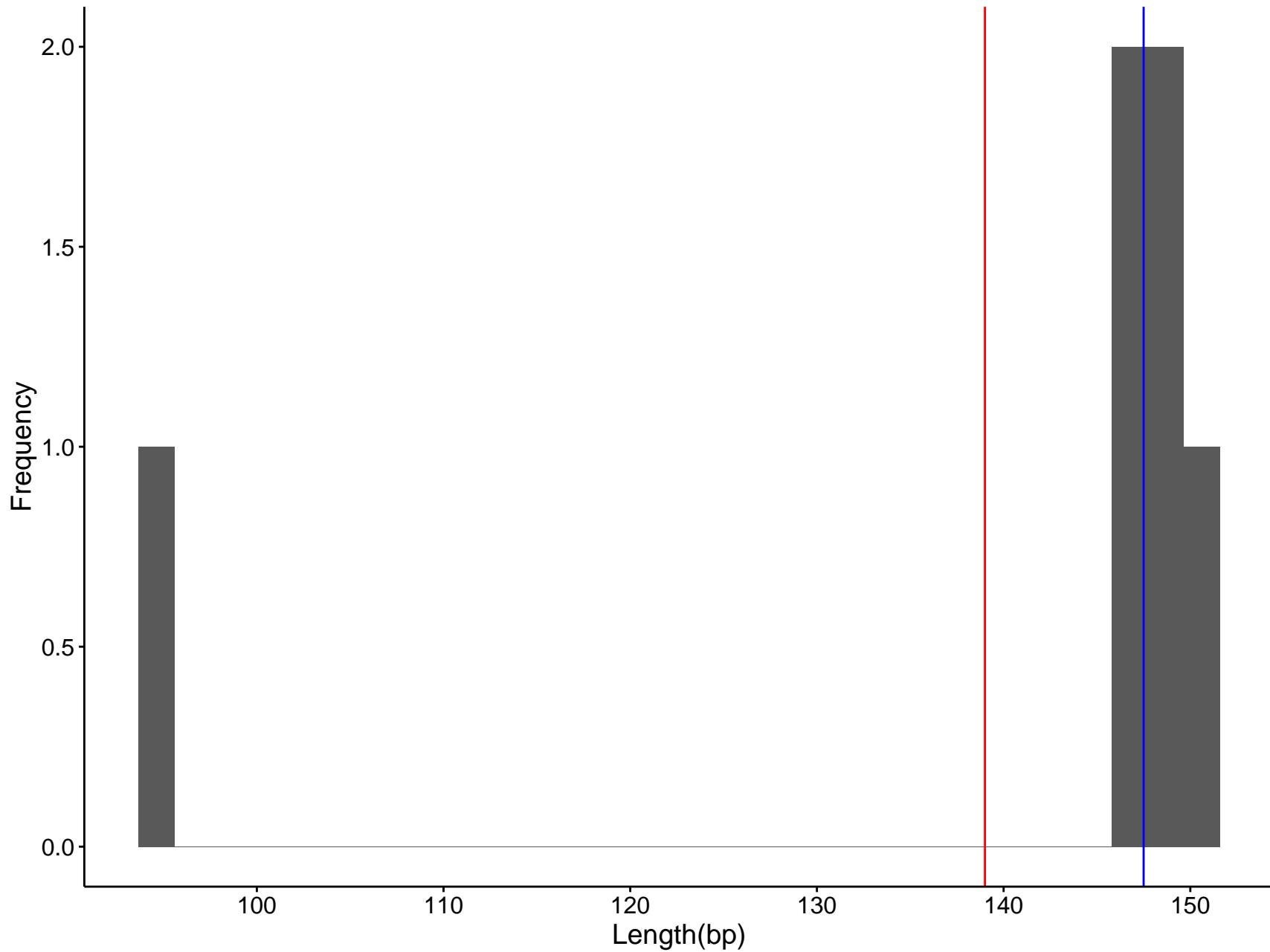
Length(bp)

Red vertical line at approximately 185 bp

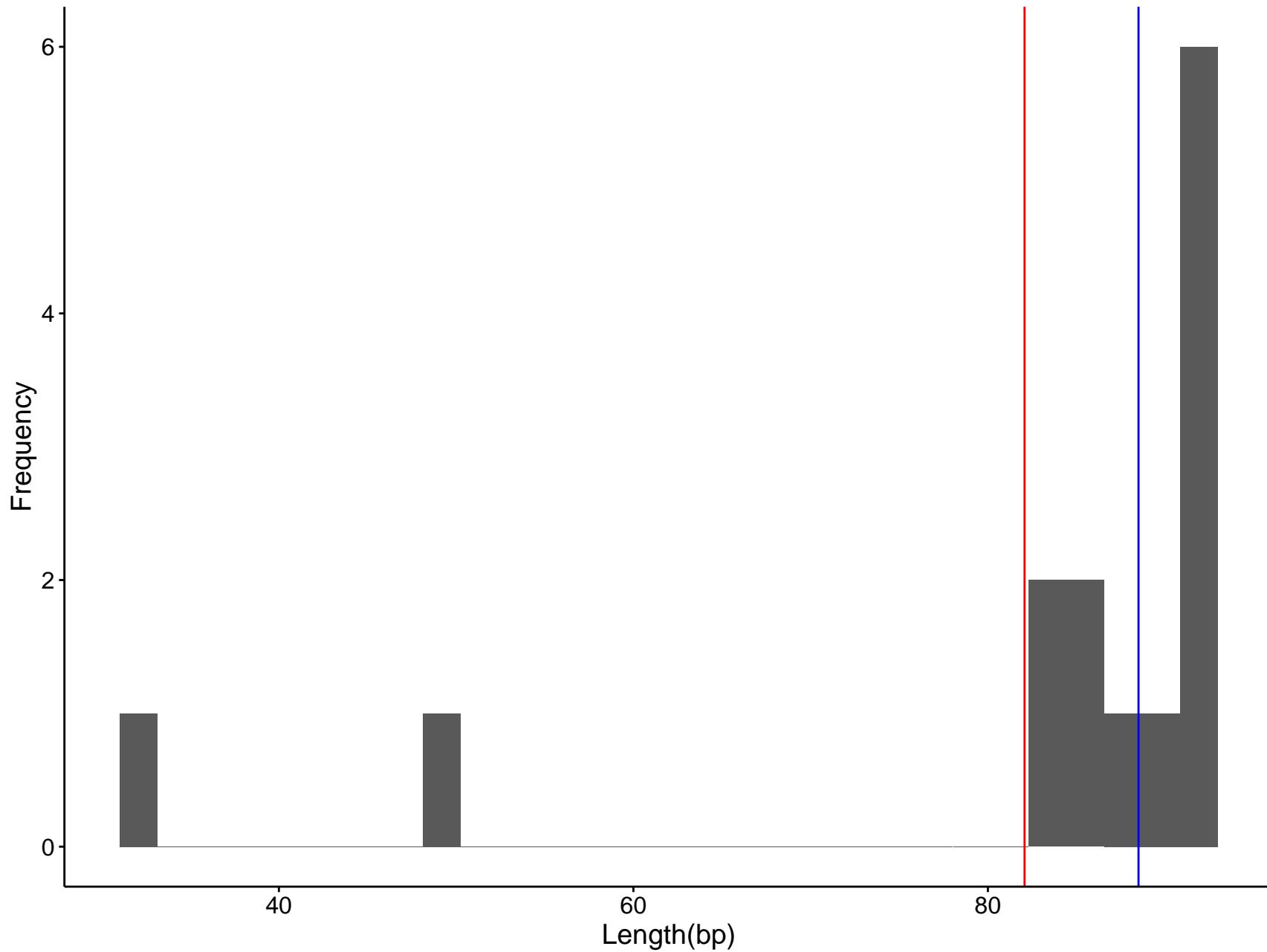
Blue vertical line at approximately 205 bp



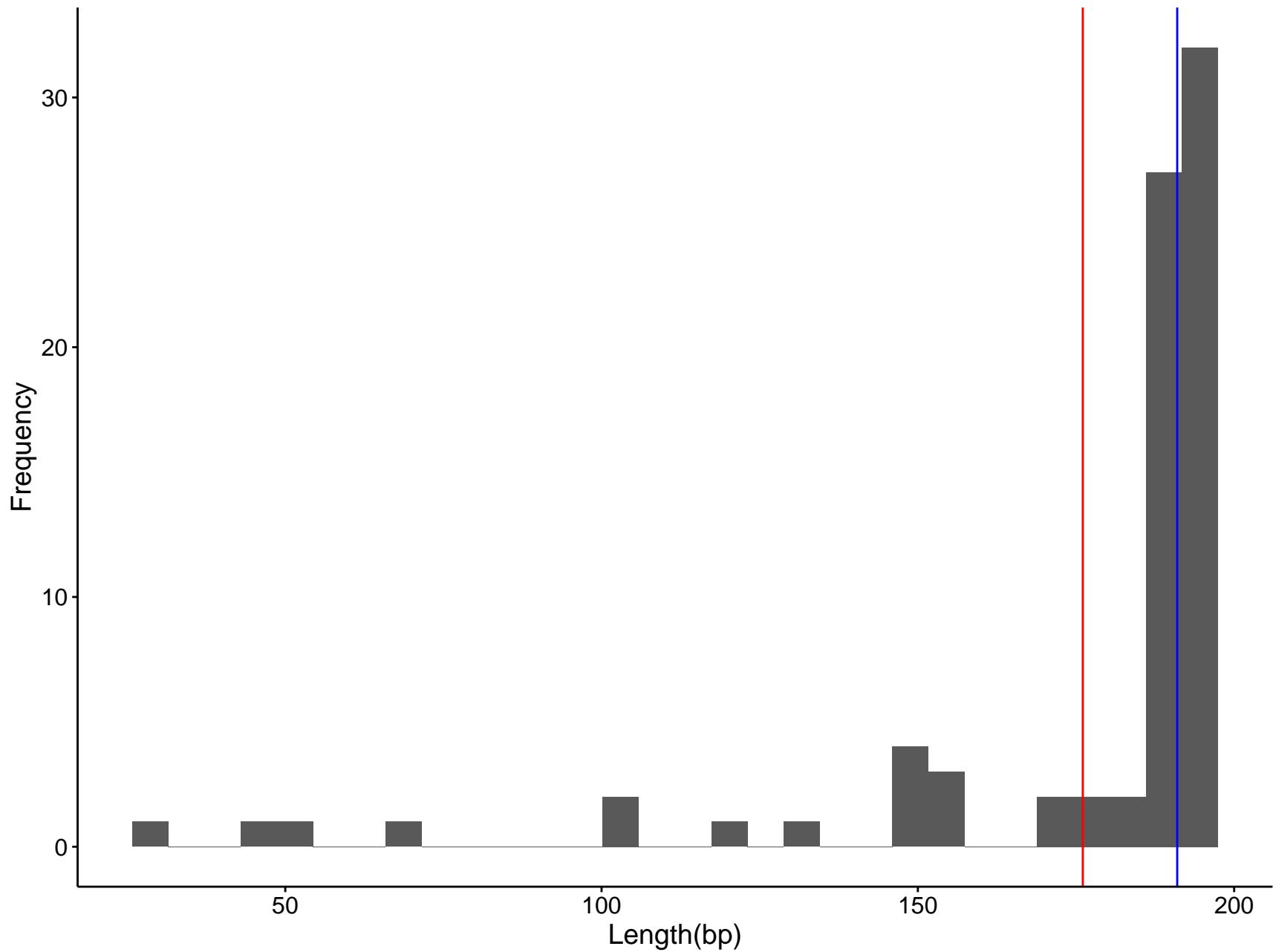
Cluster367



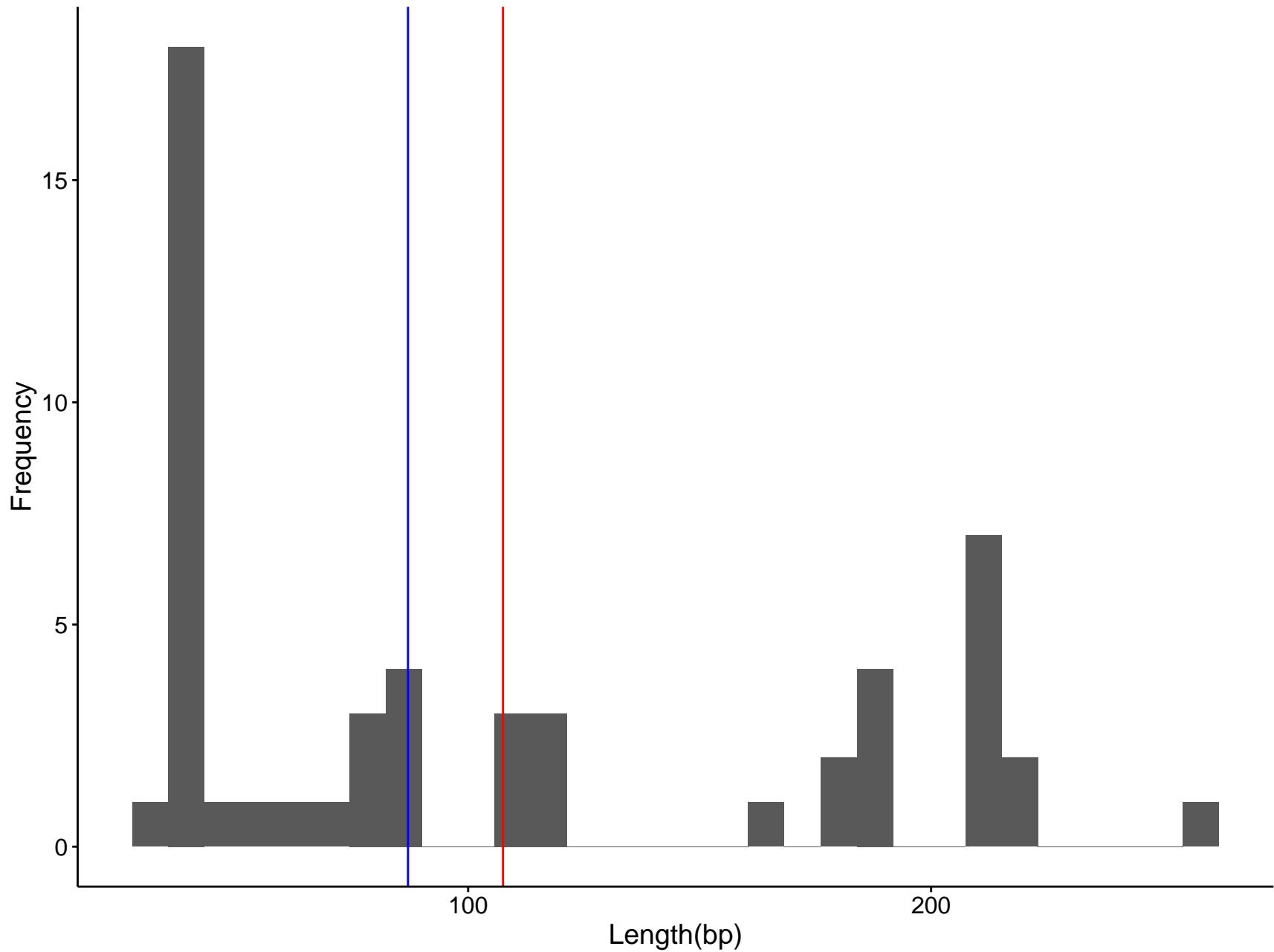
Cluster368



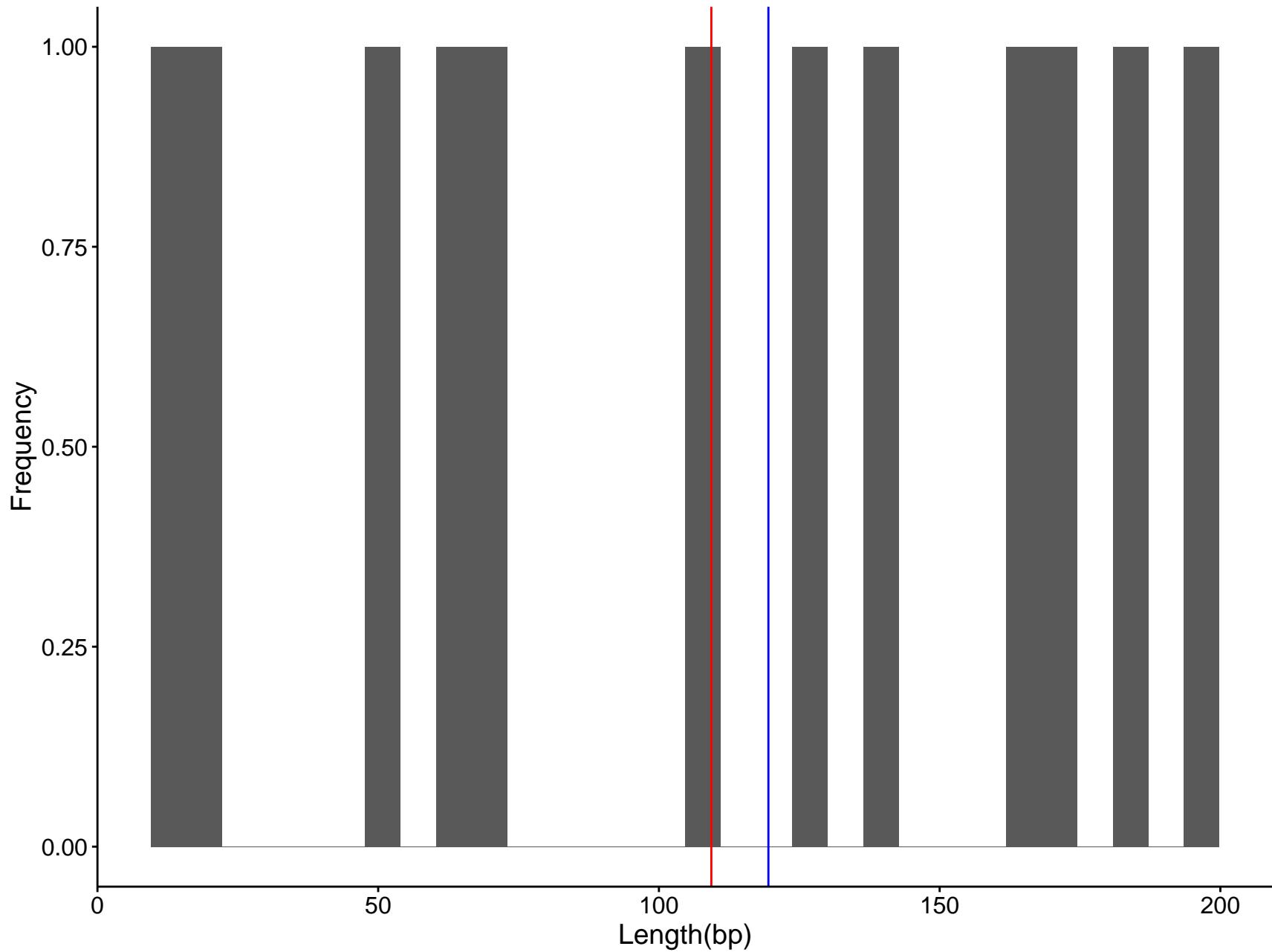
Cluster369



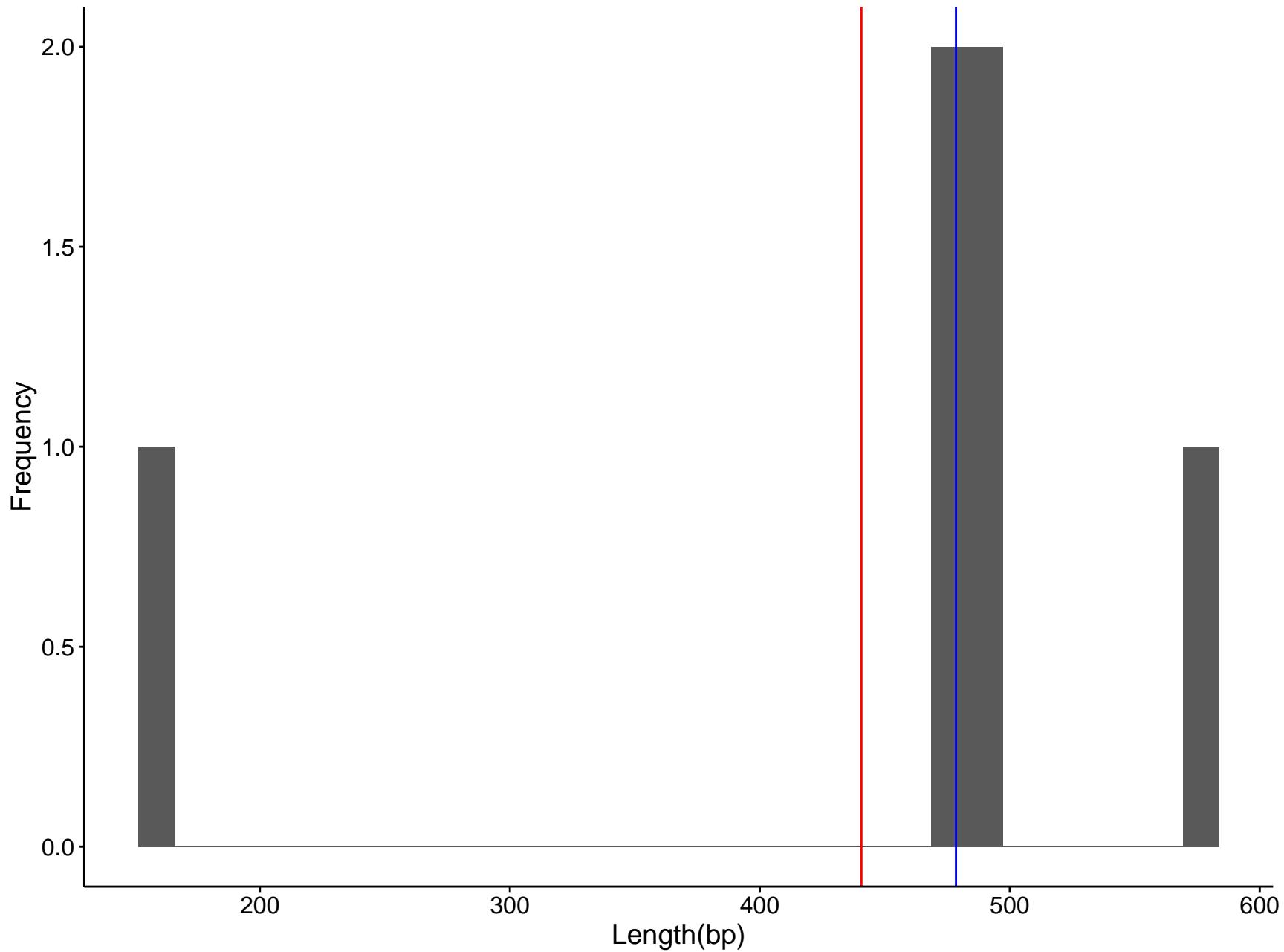
Cluster36



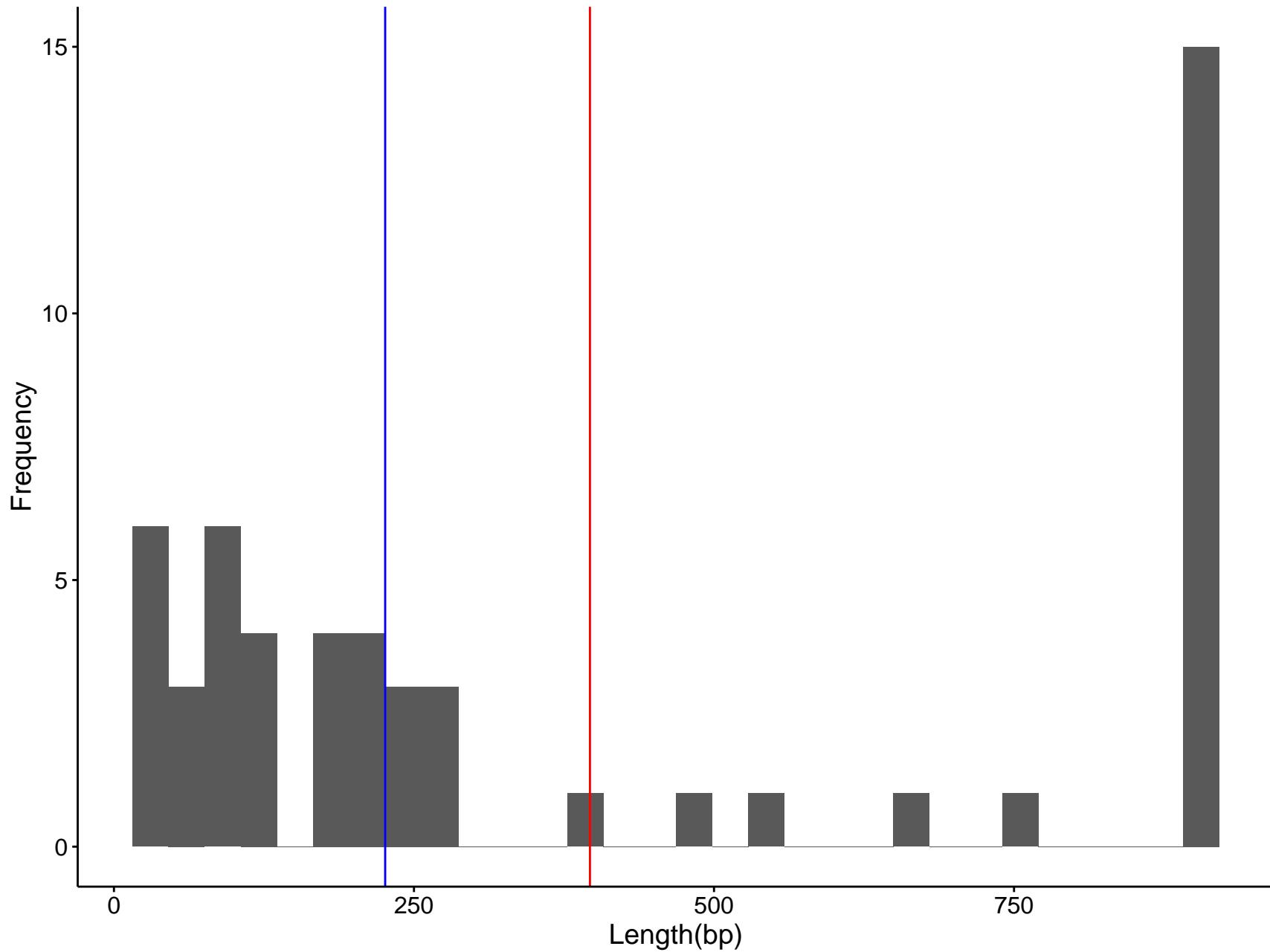
Cluster370



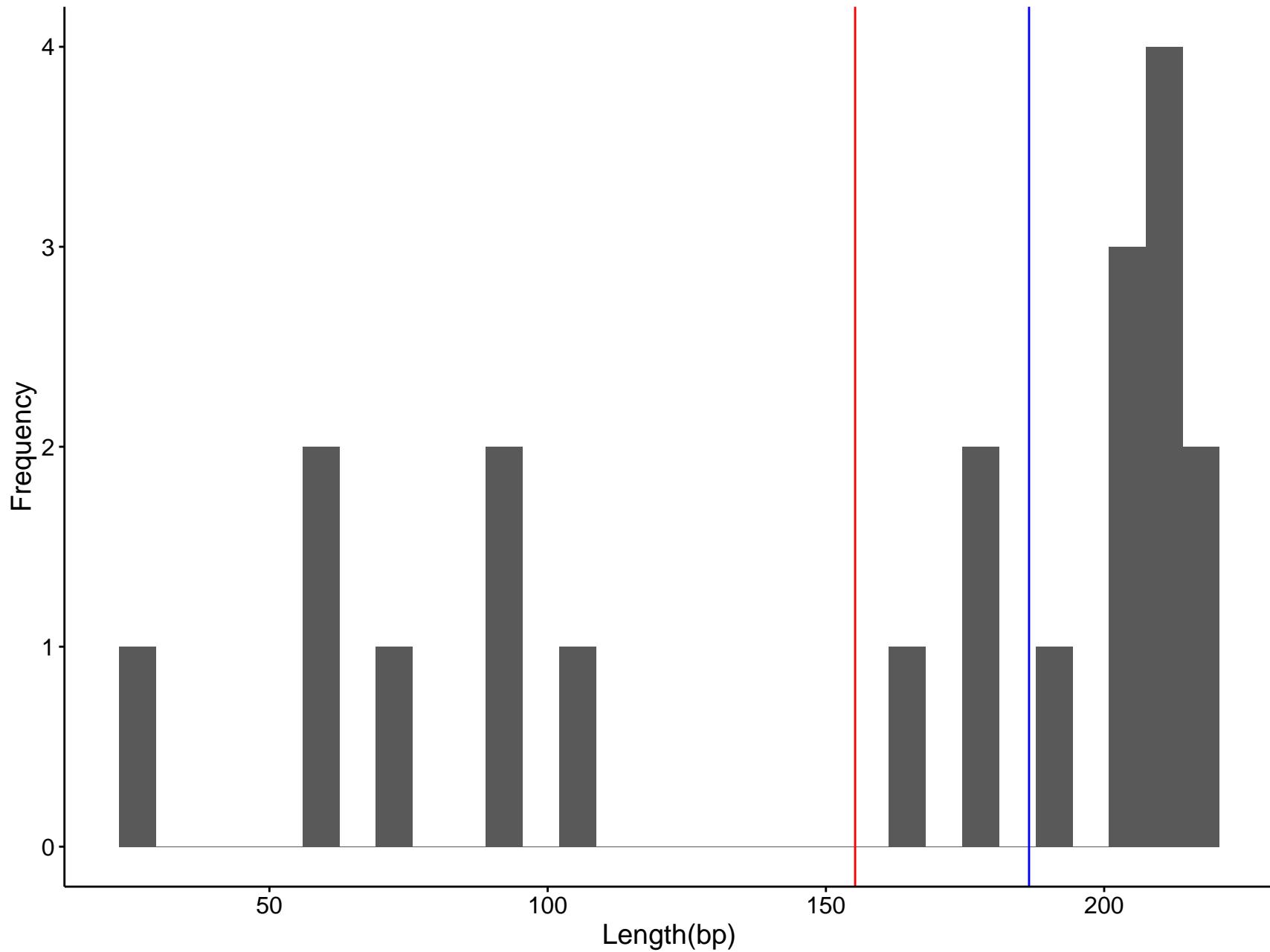
Cluster371



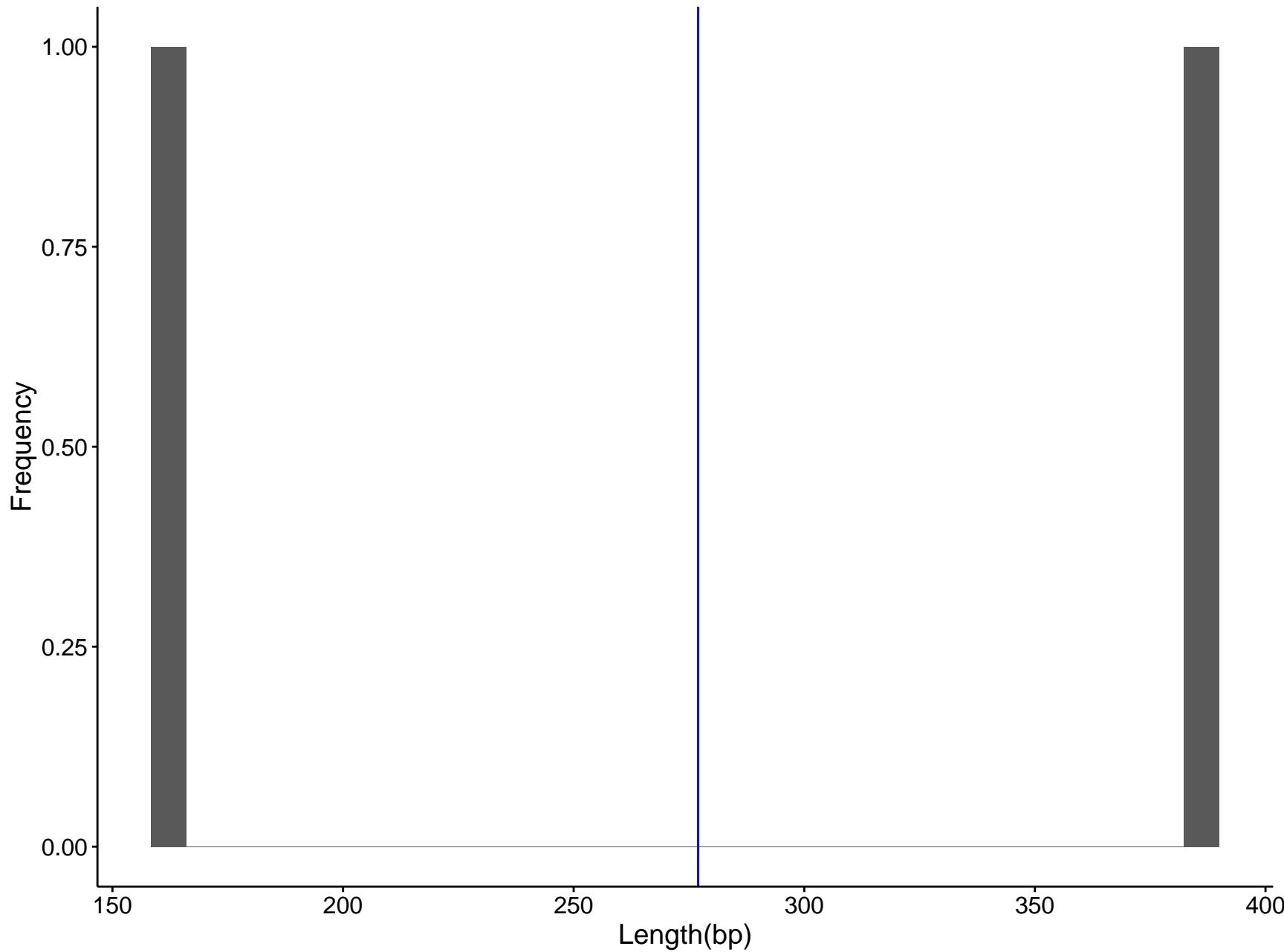
Cluster372



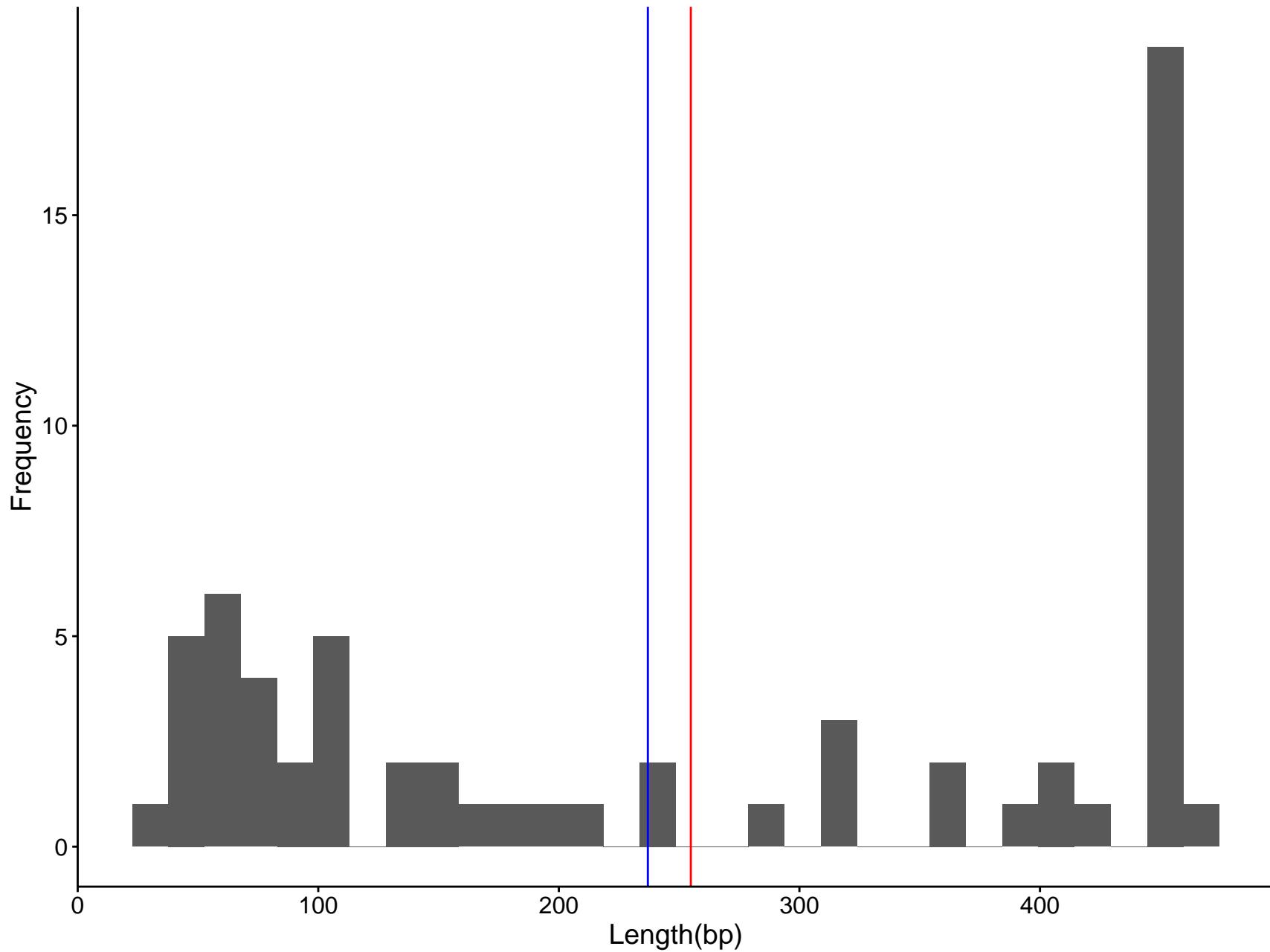
Cluster373



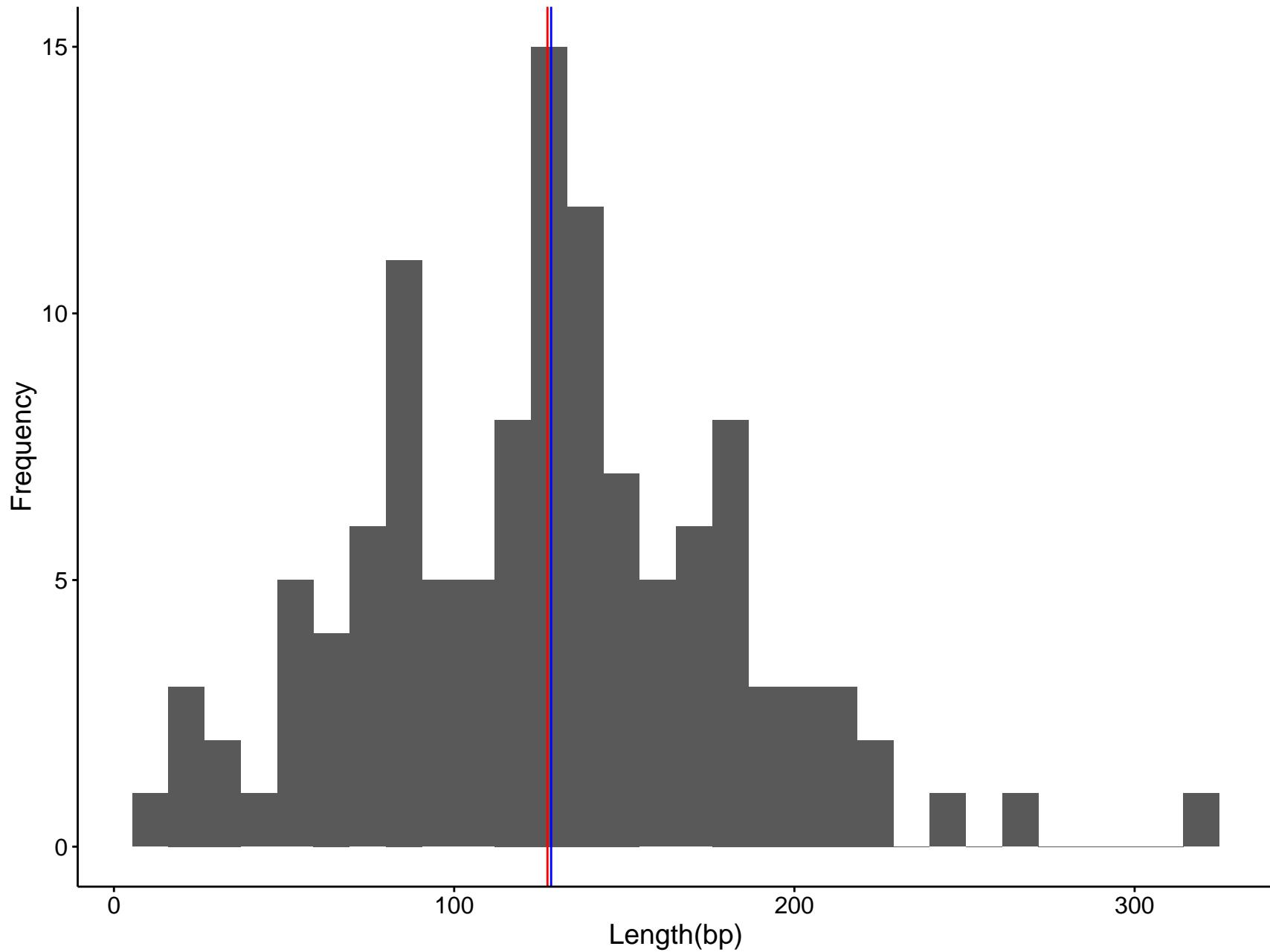
Cluster376



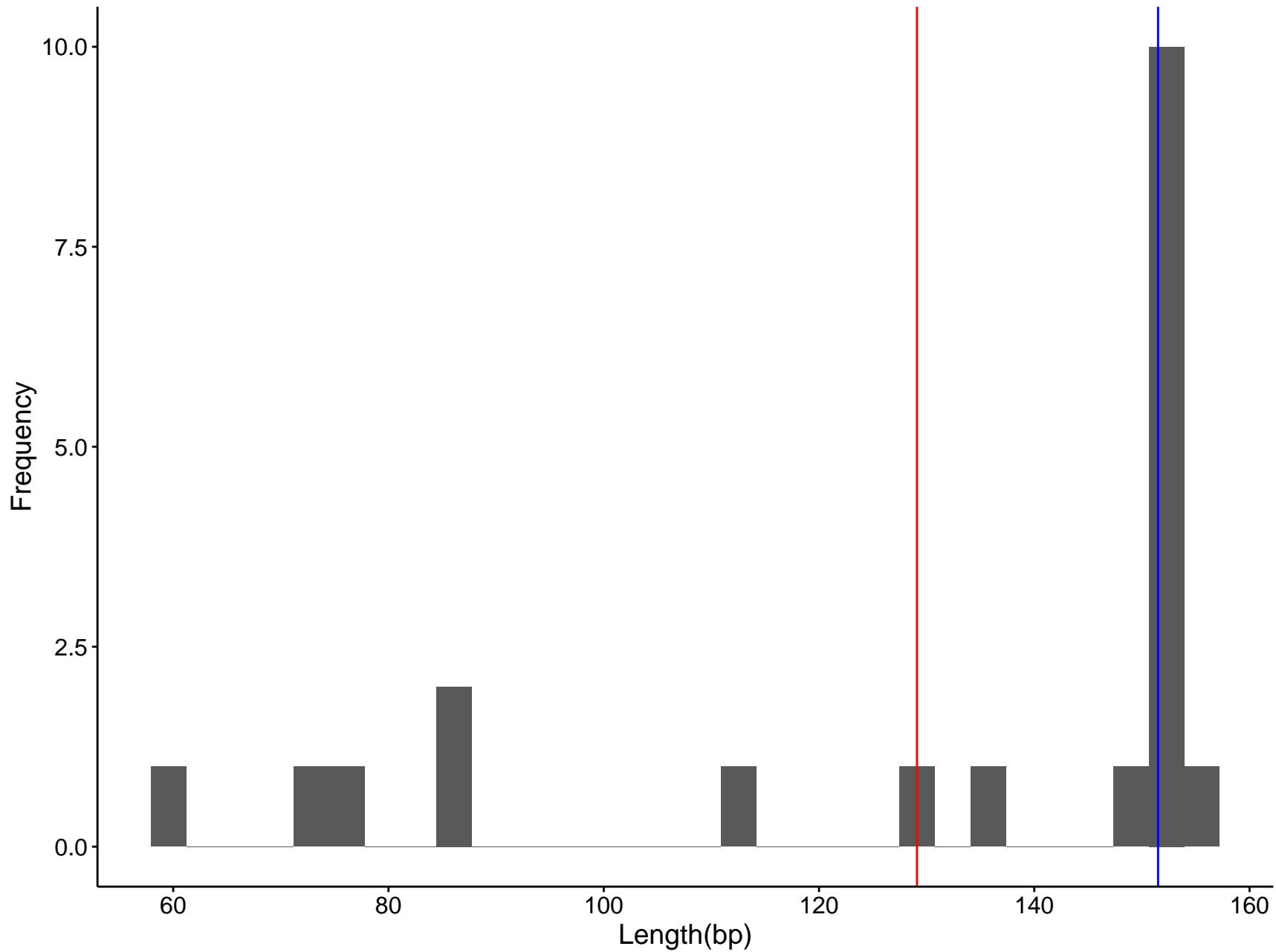
Cluster377



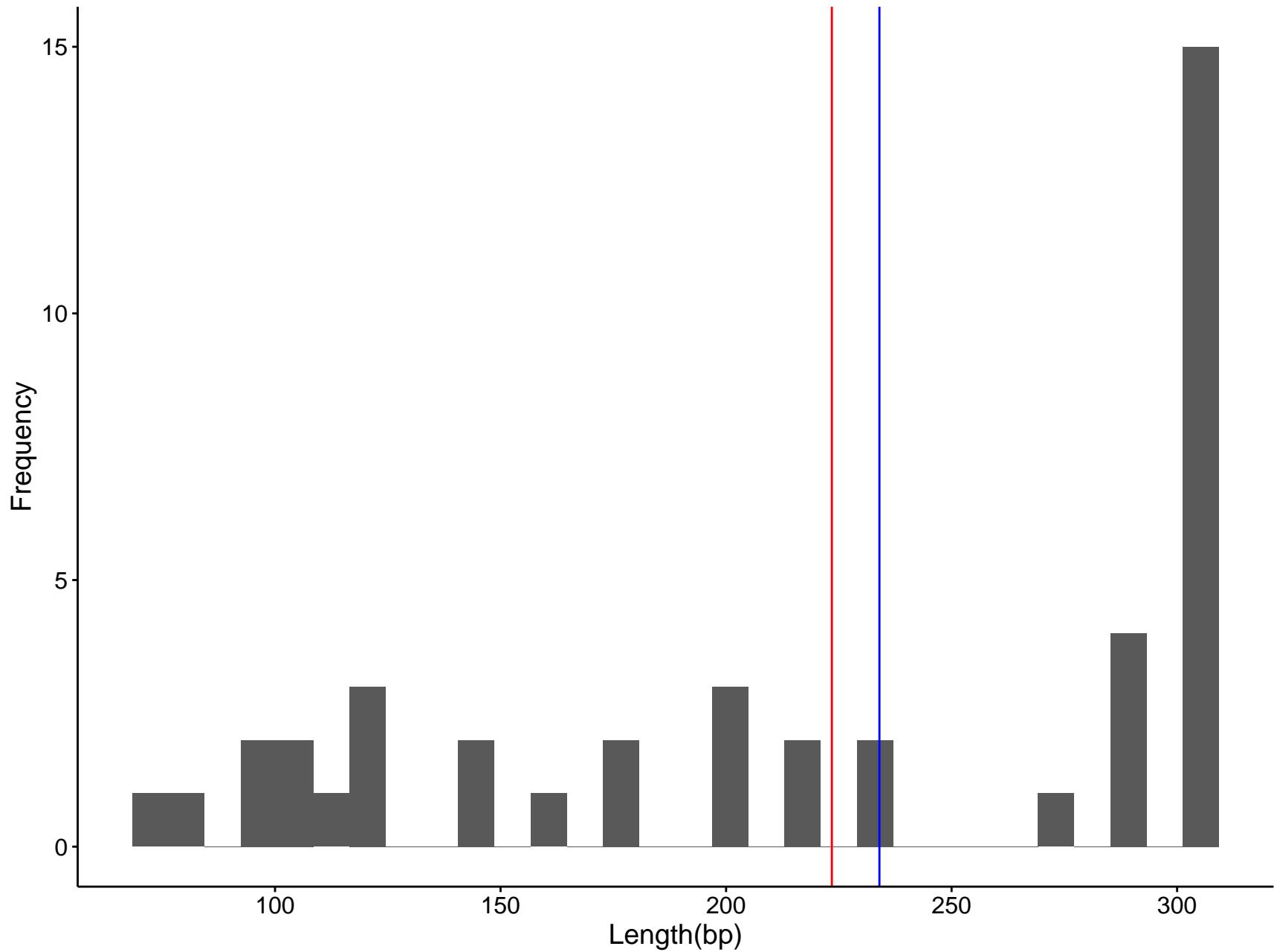
Cluster37



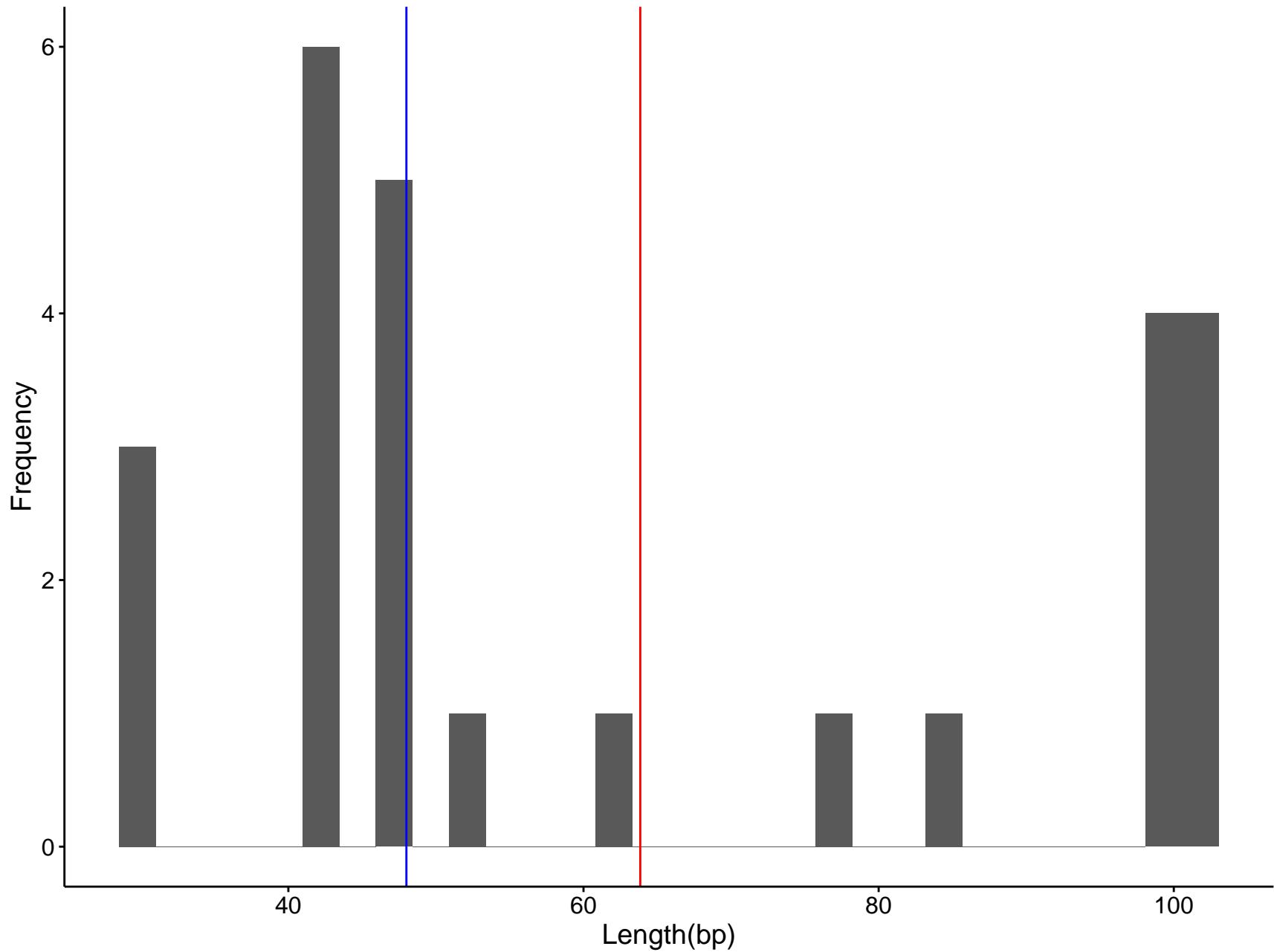
Cluster380



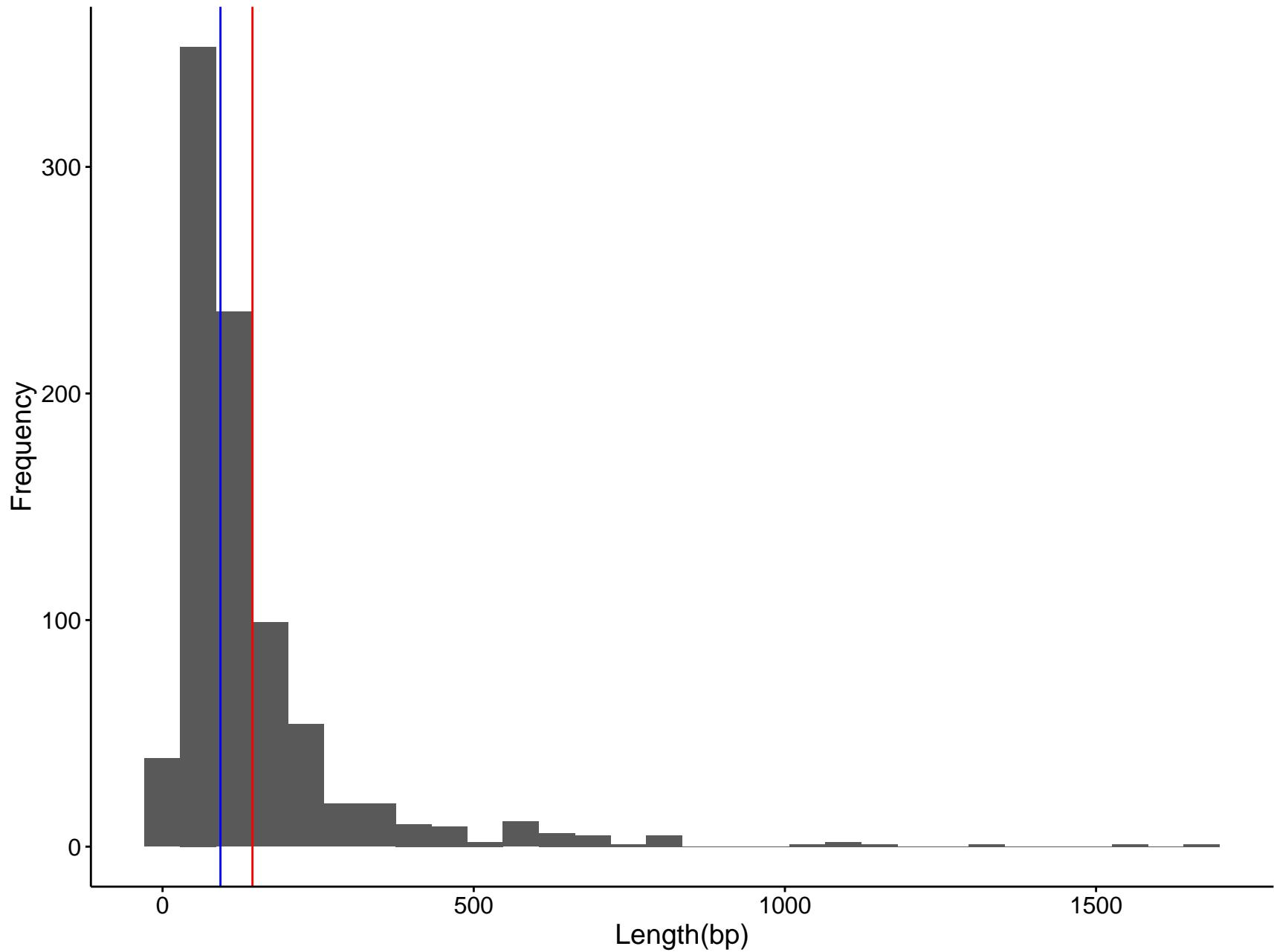
Cluster383



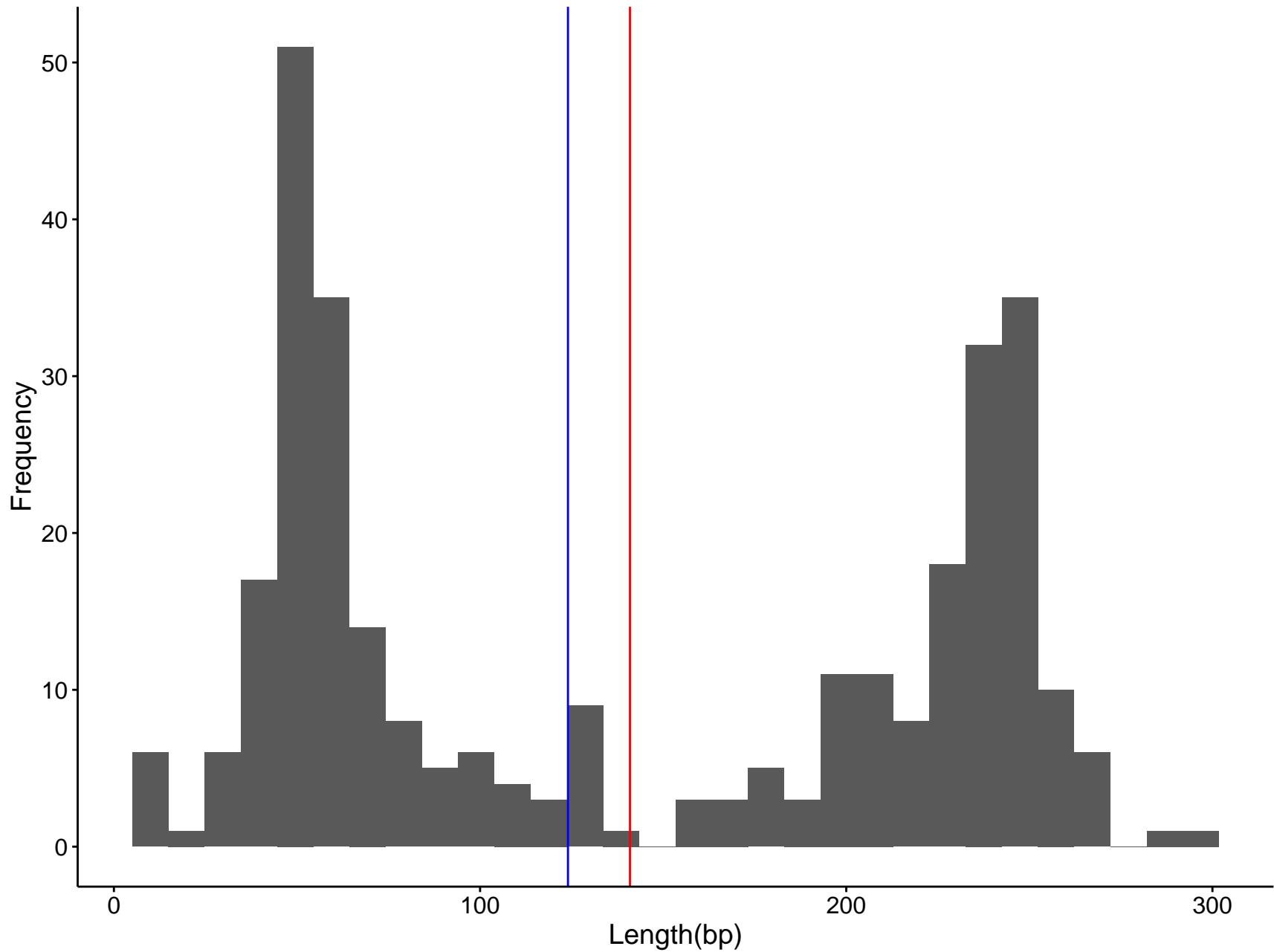
Cluster384



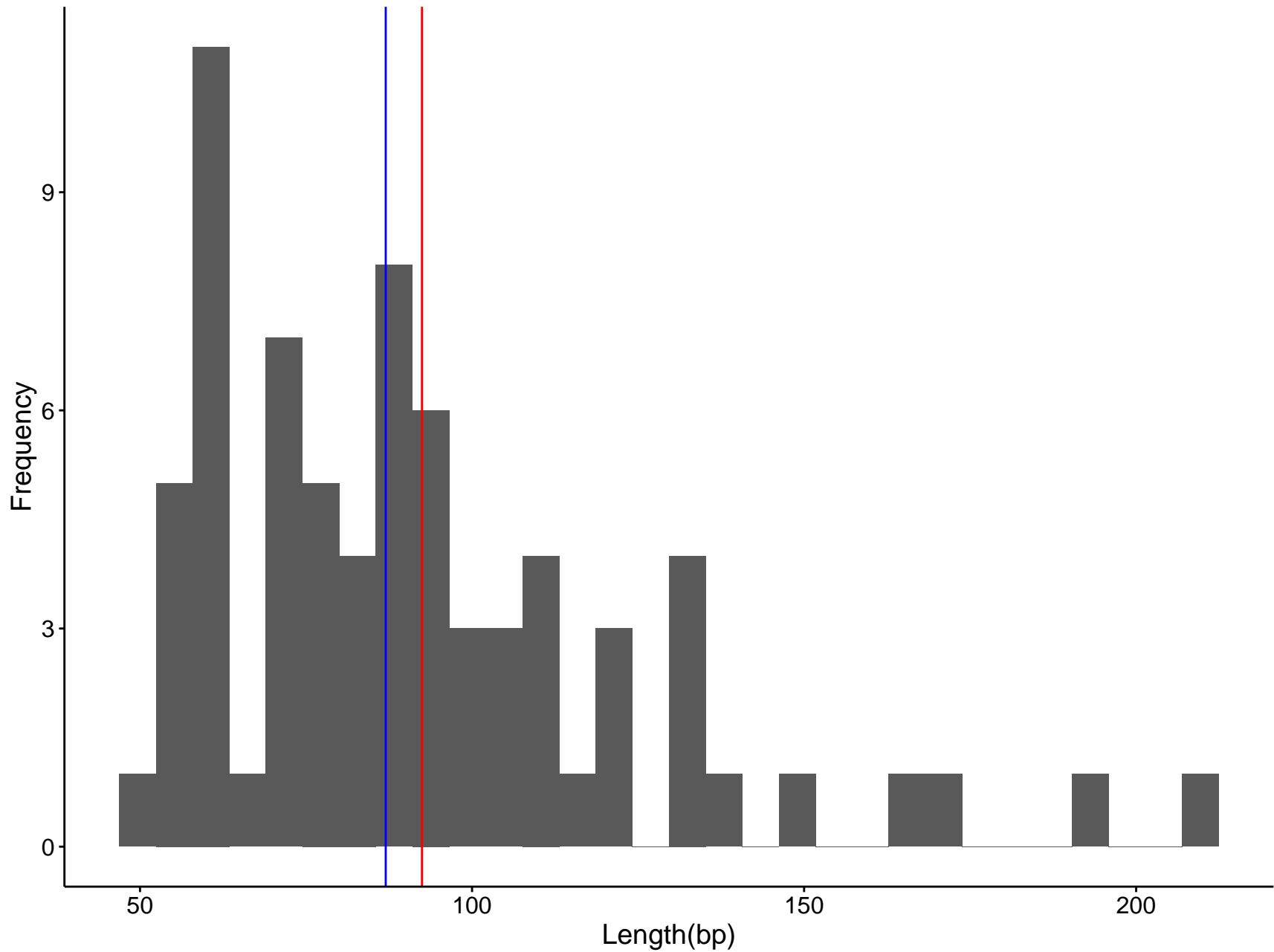
Cluster386



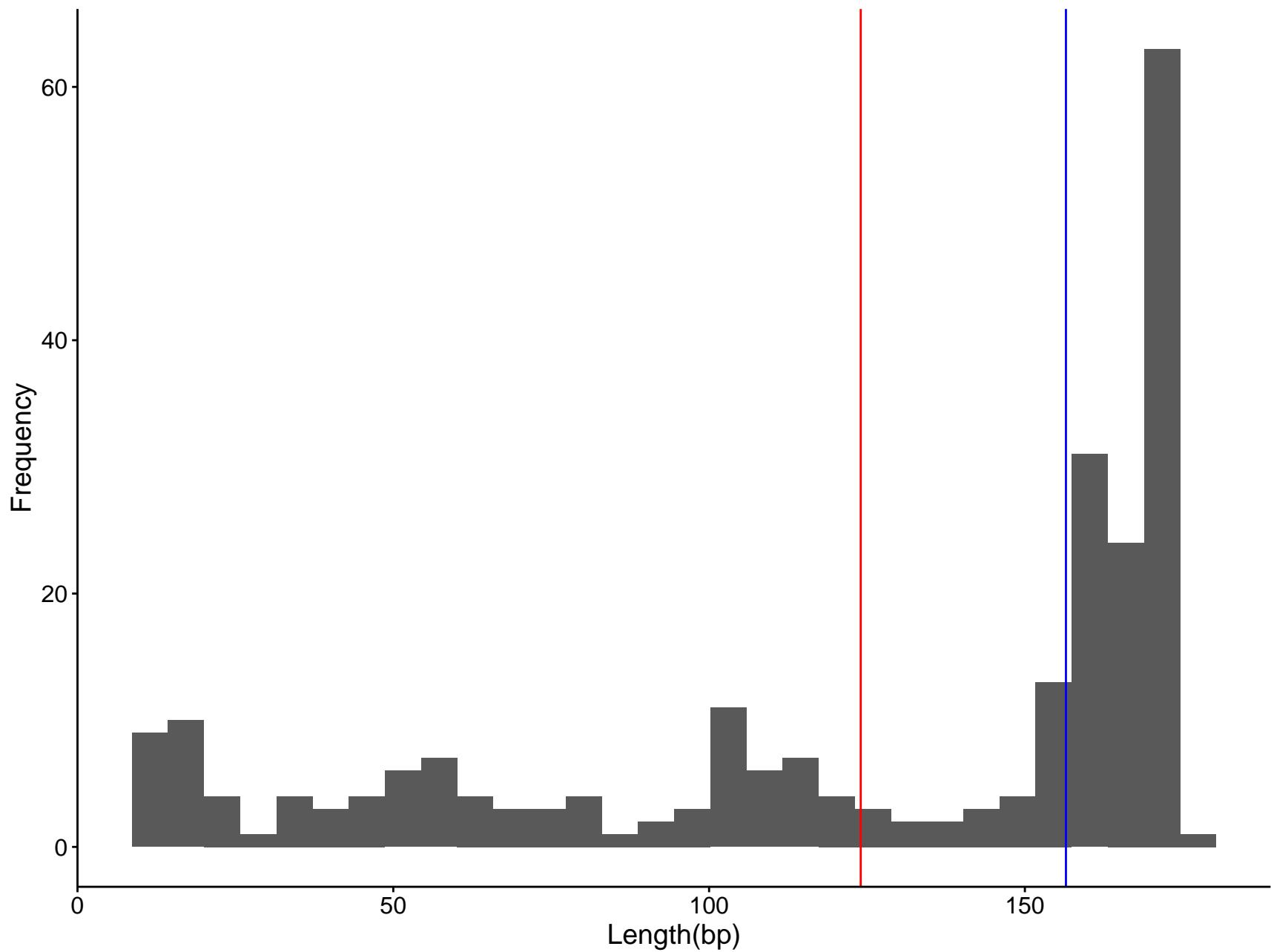
Cluster387



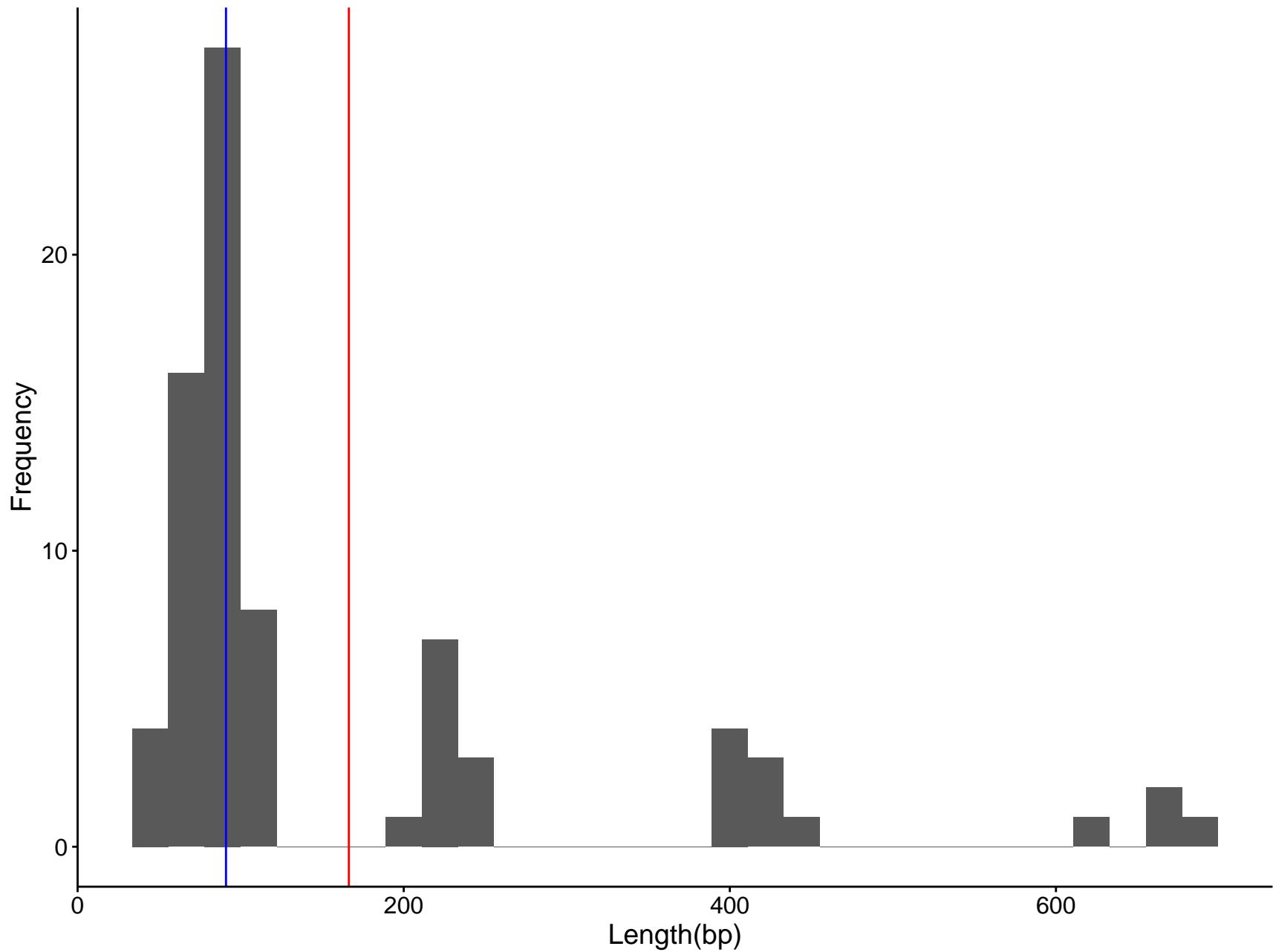
Cluster388



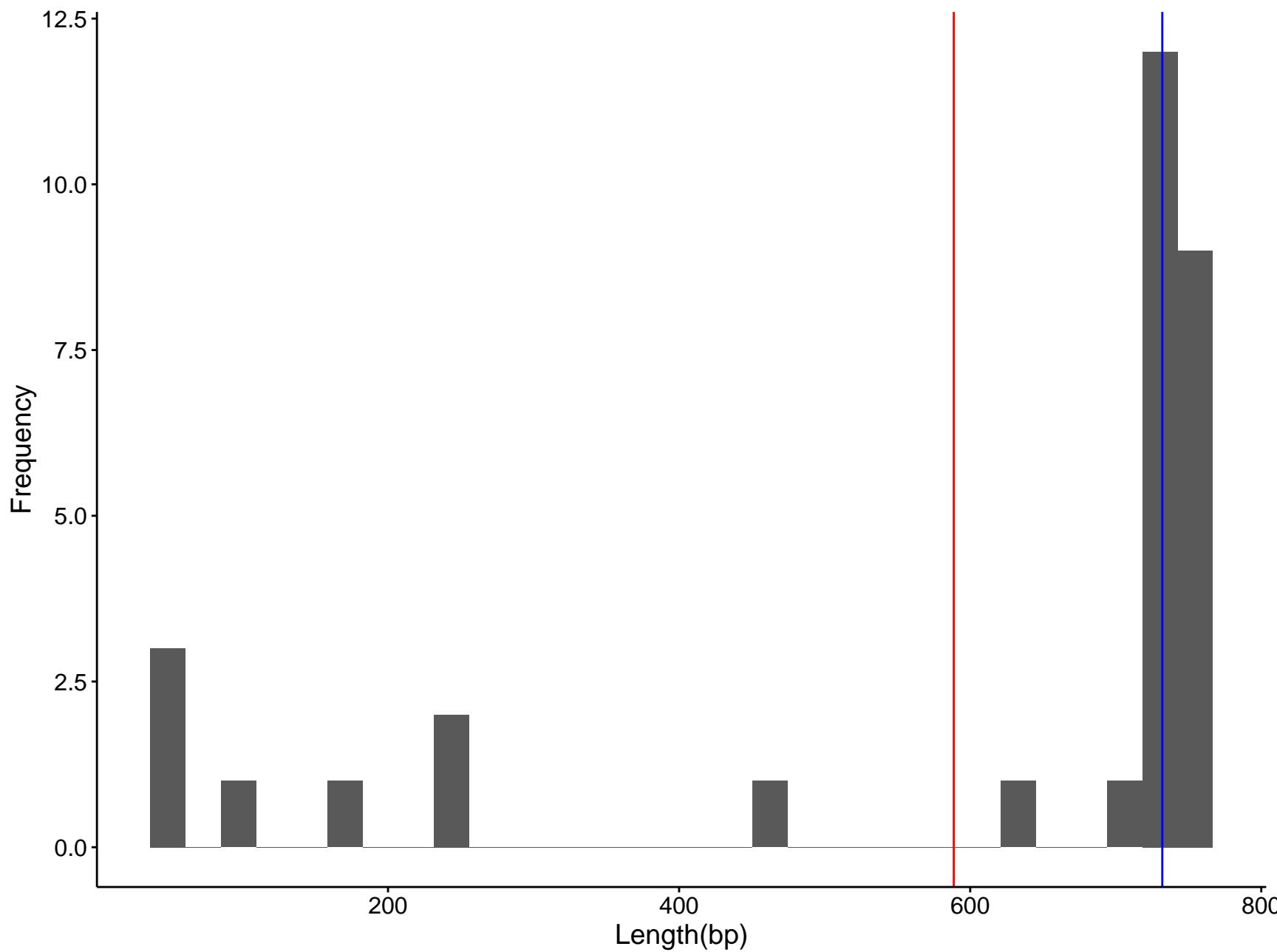
Cluster38



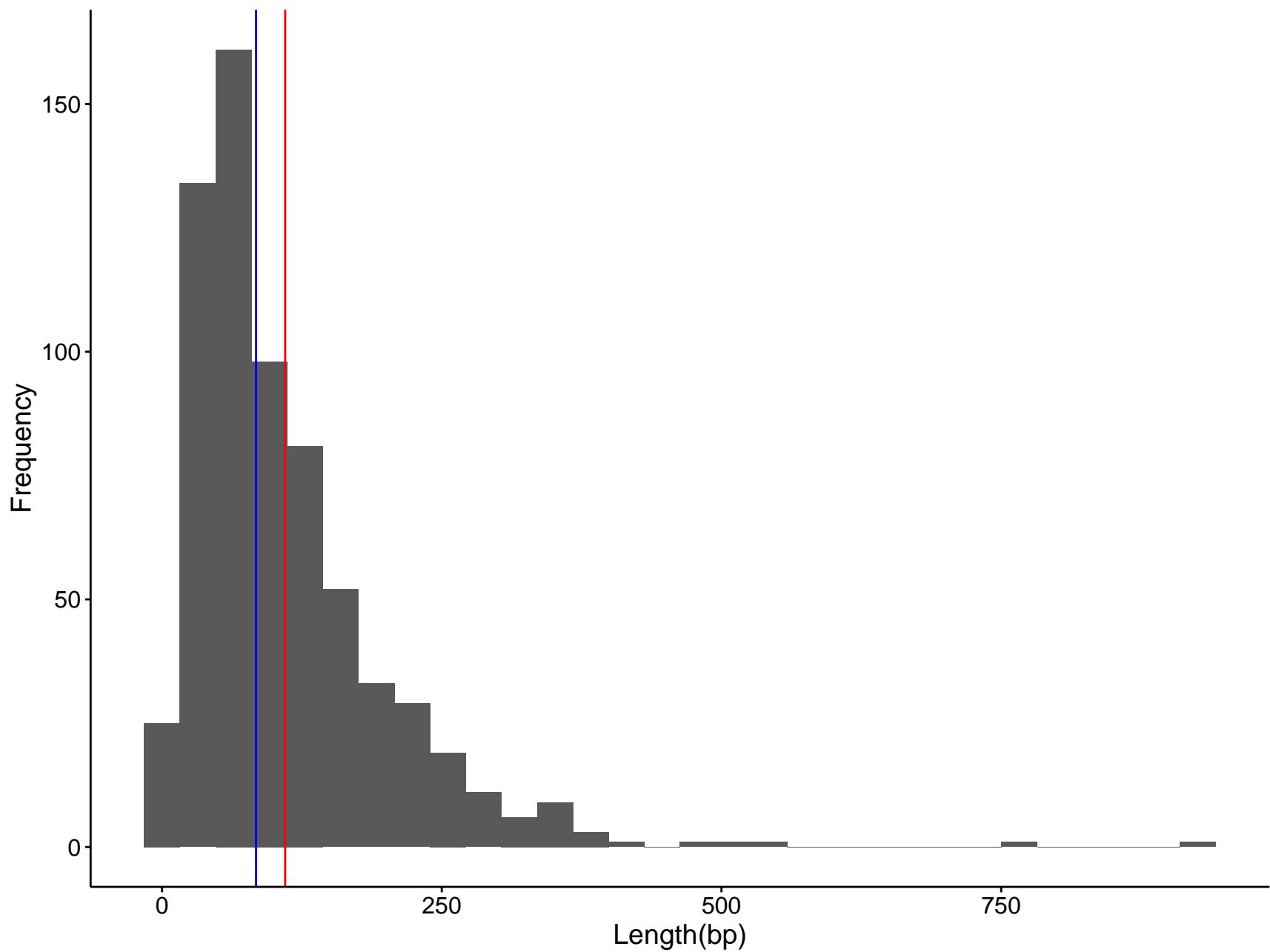
Cluster390



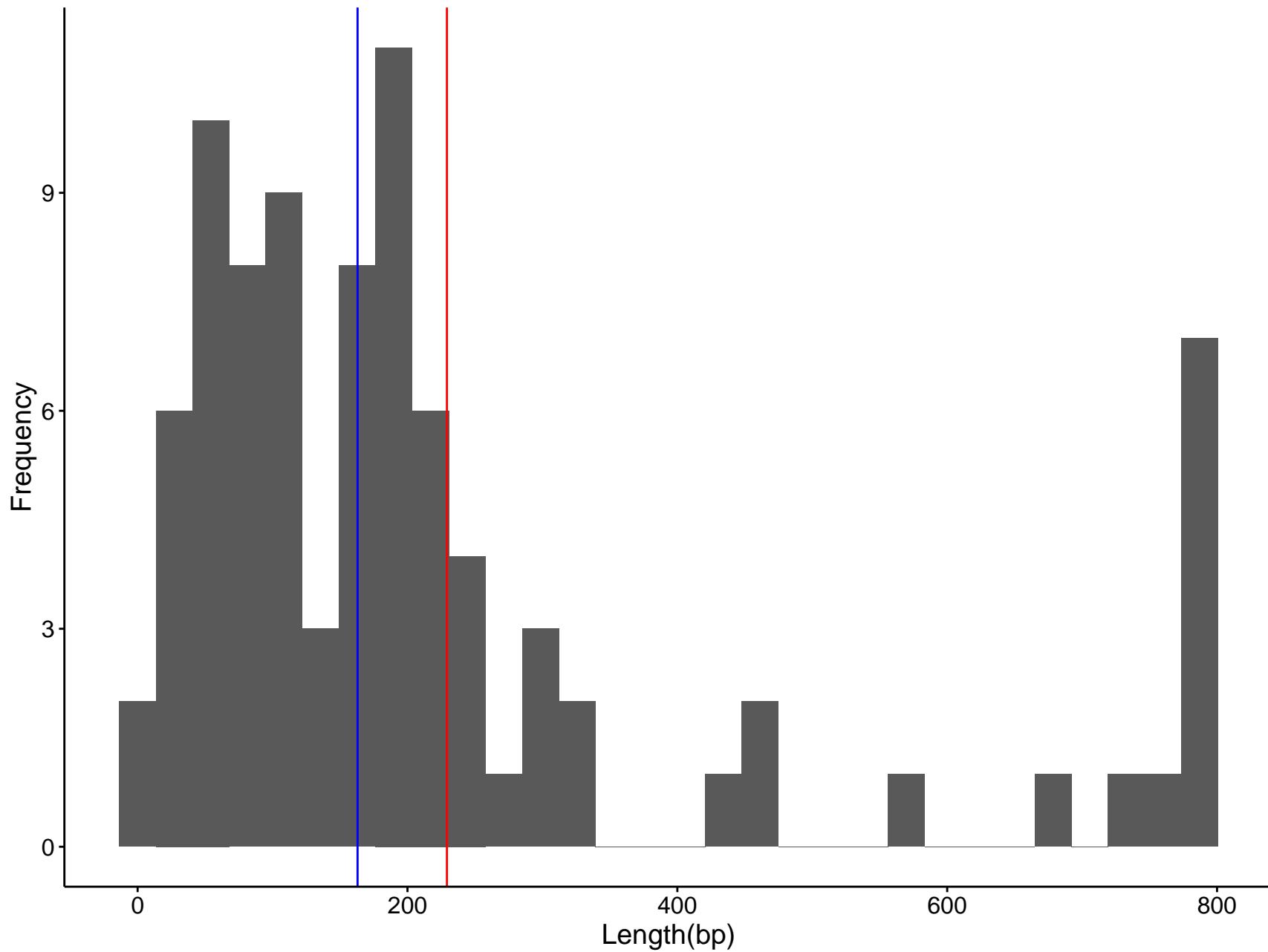
Cluster391



Cluster392



Cluster393



Cluster394

Frequency

39.950

39.975

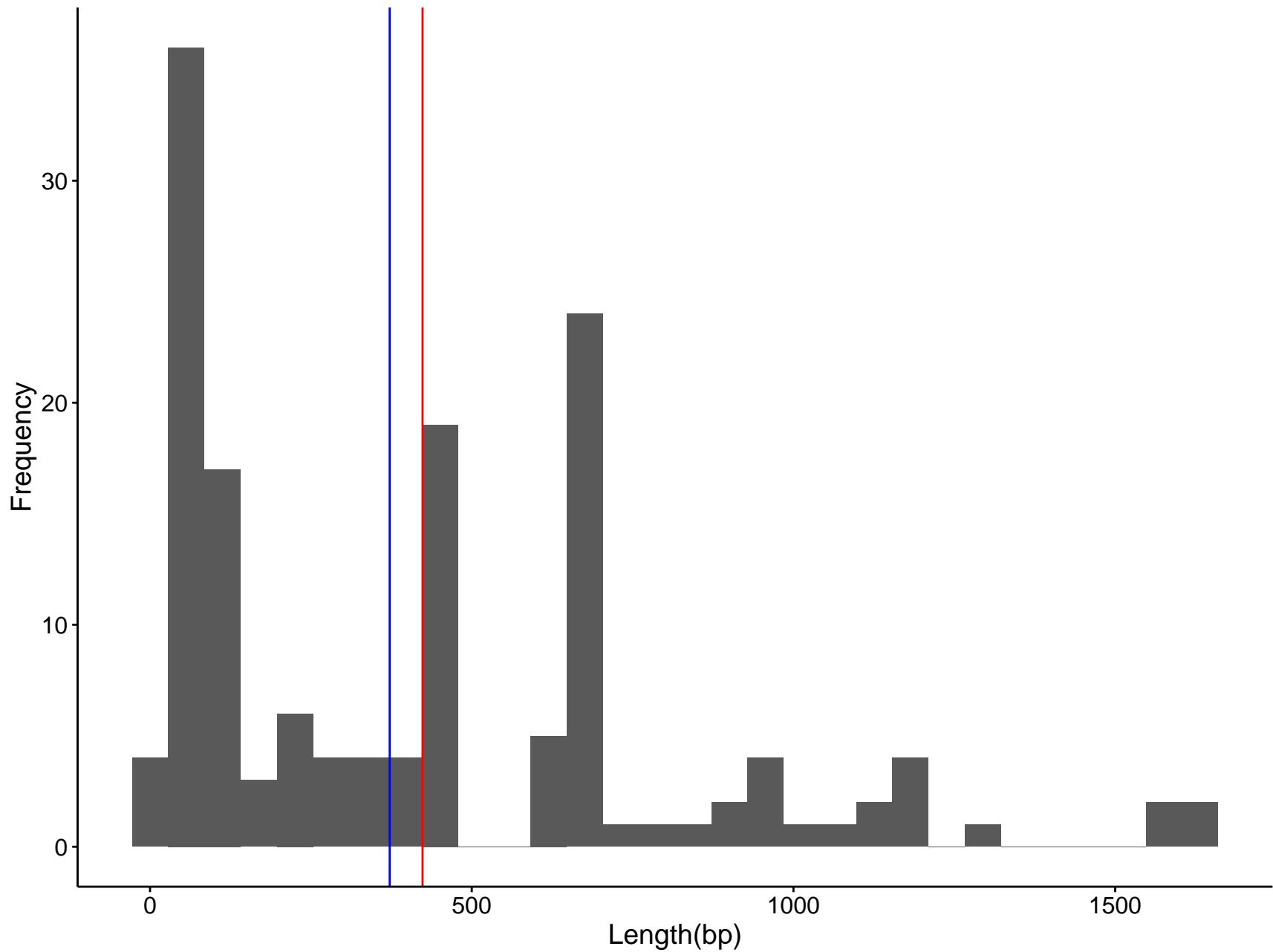
40.000

40.025

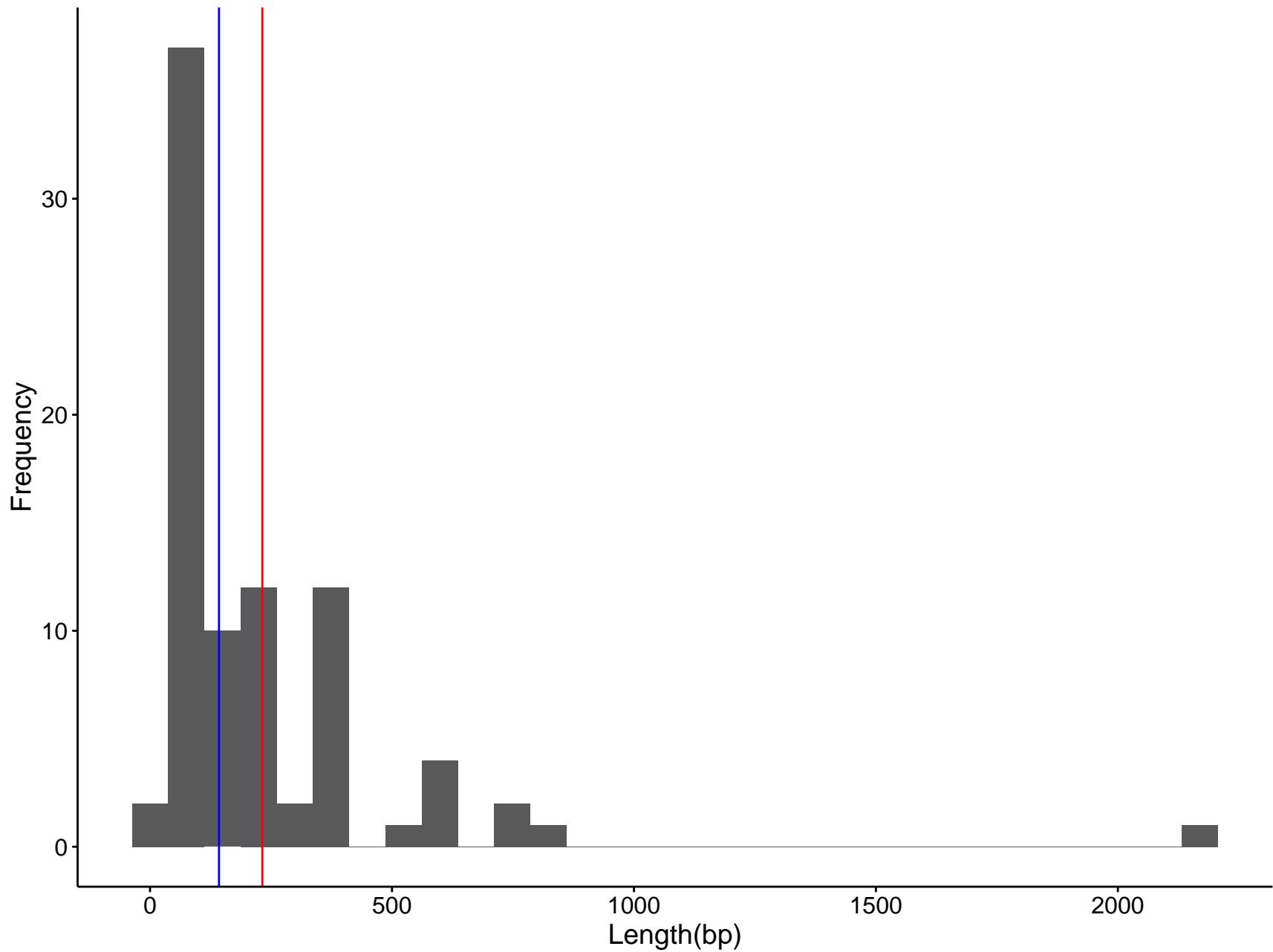
Length(bp)



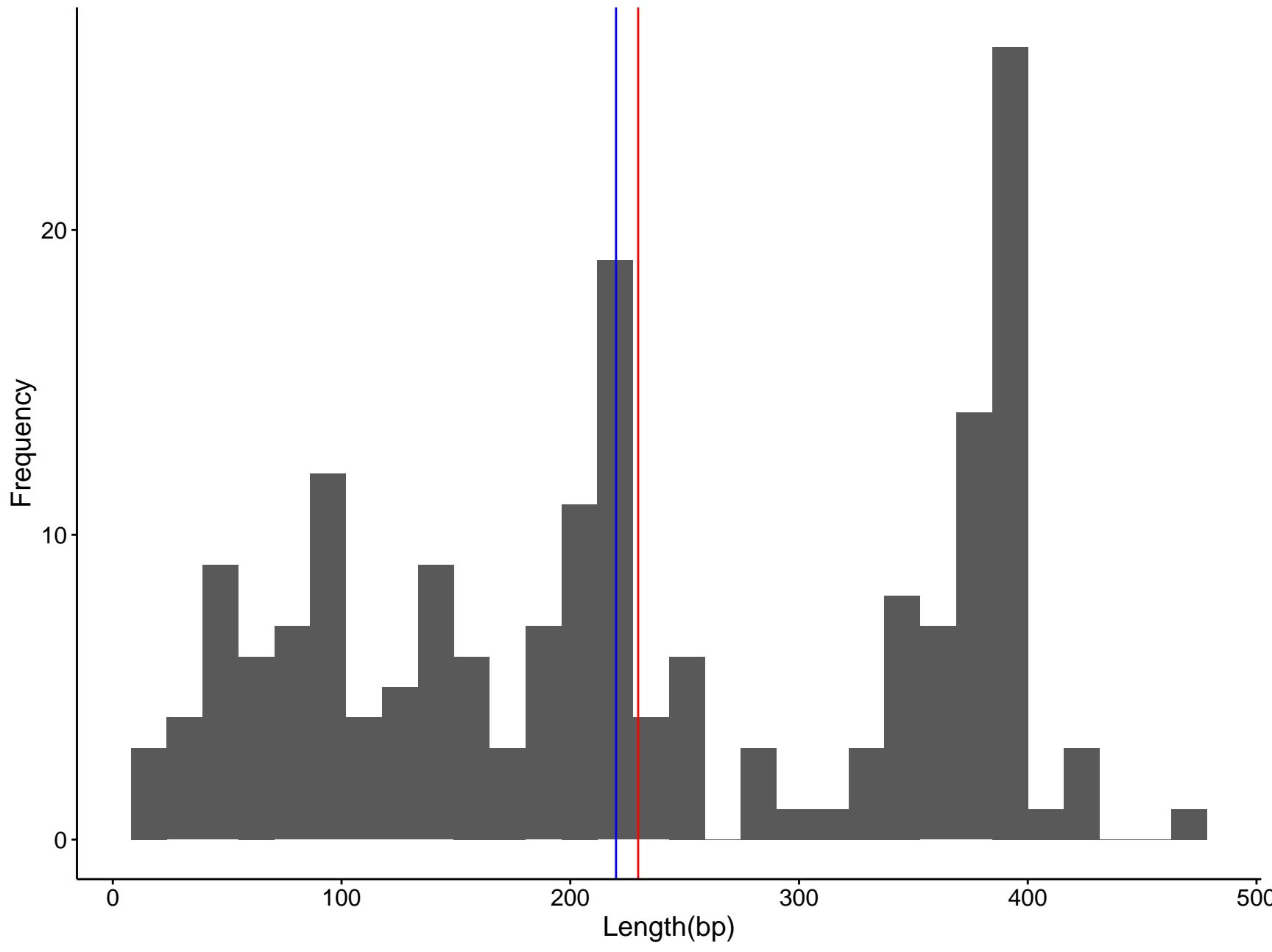
Cluster395



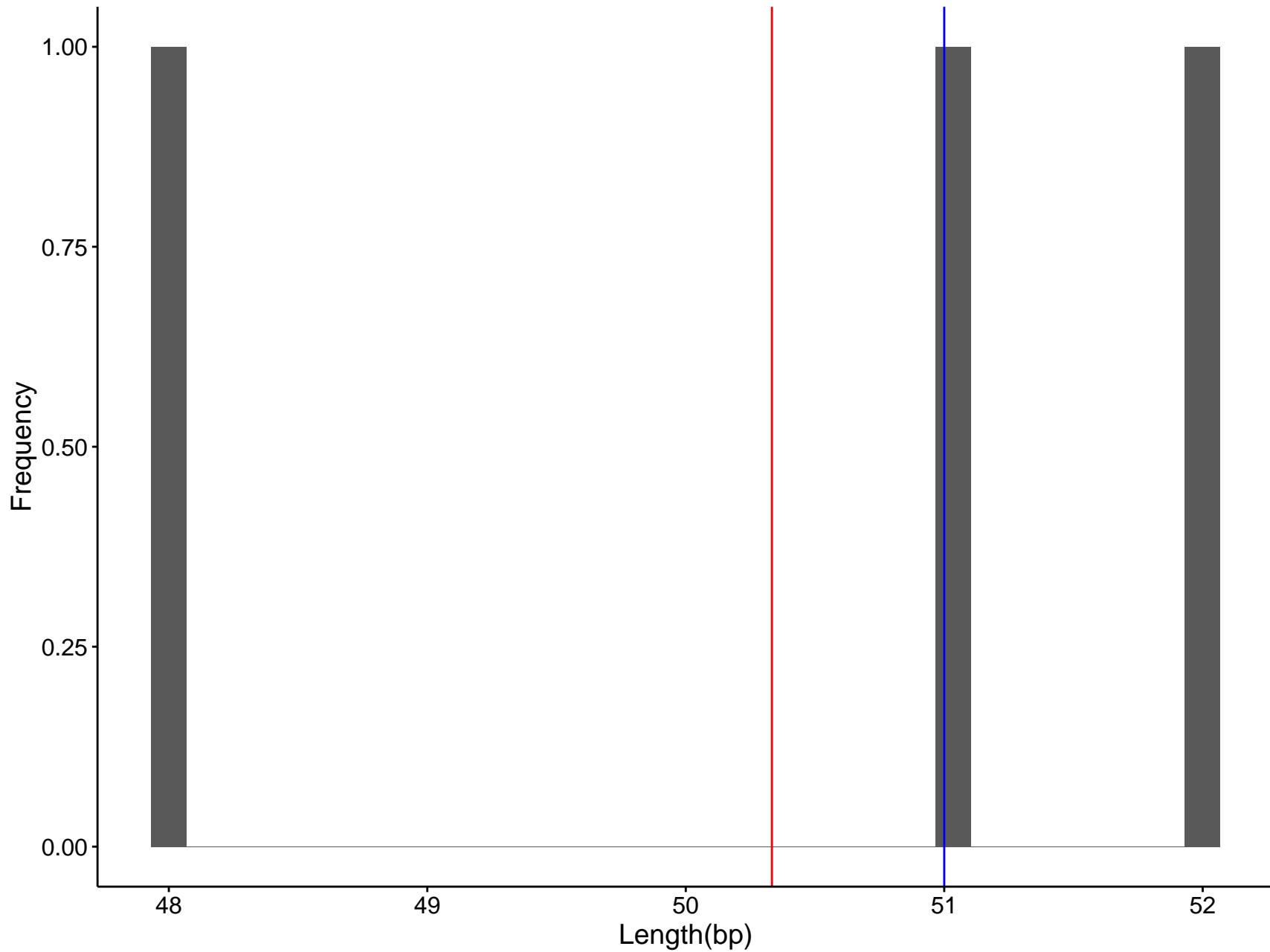
Cluster396



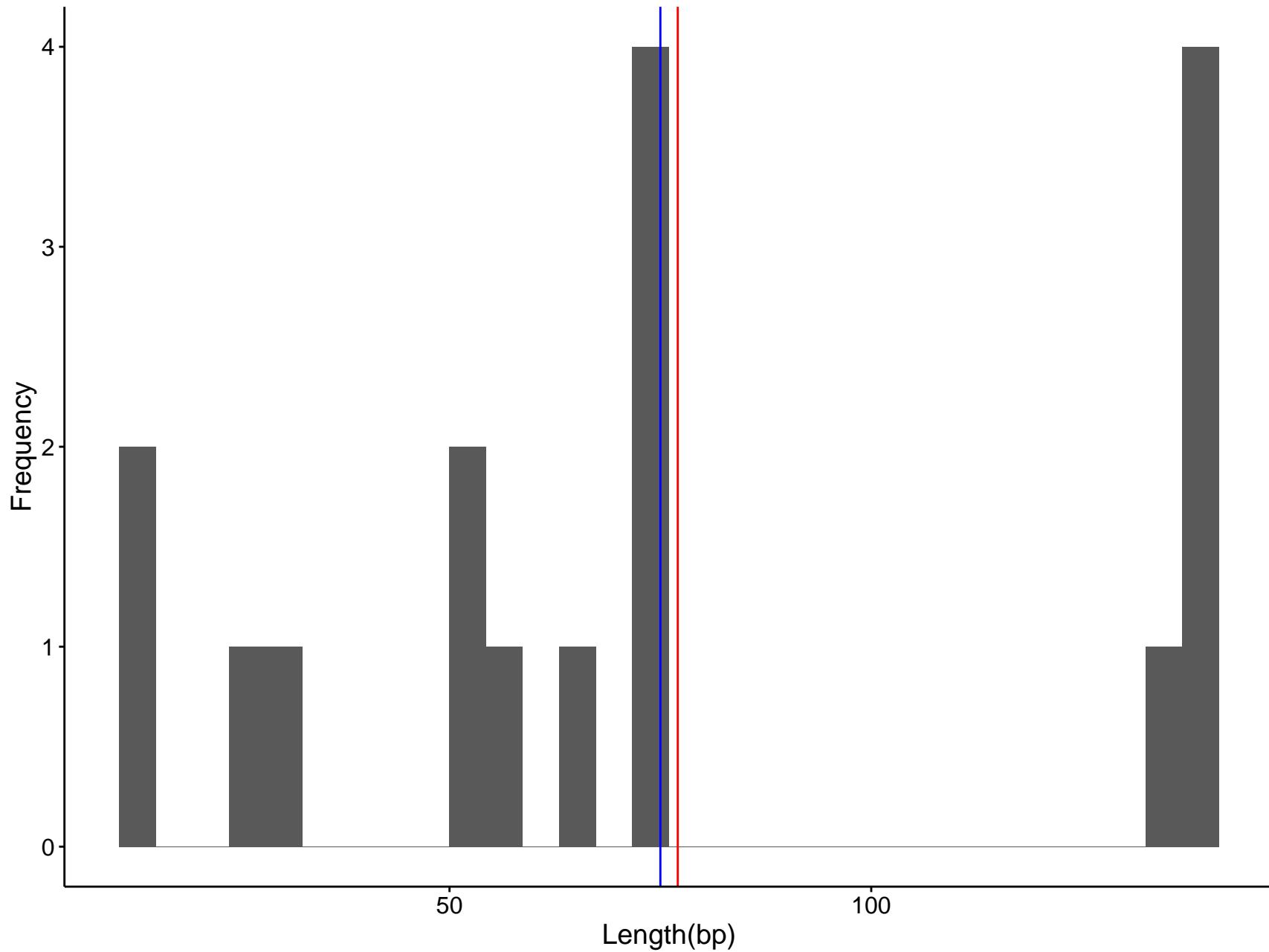
Cluster39



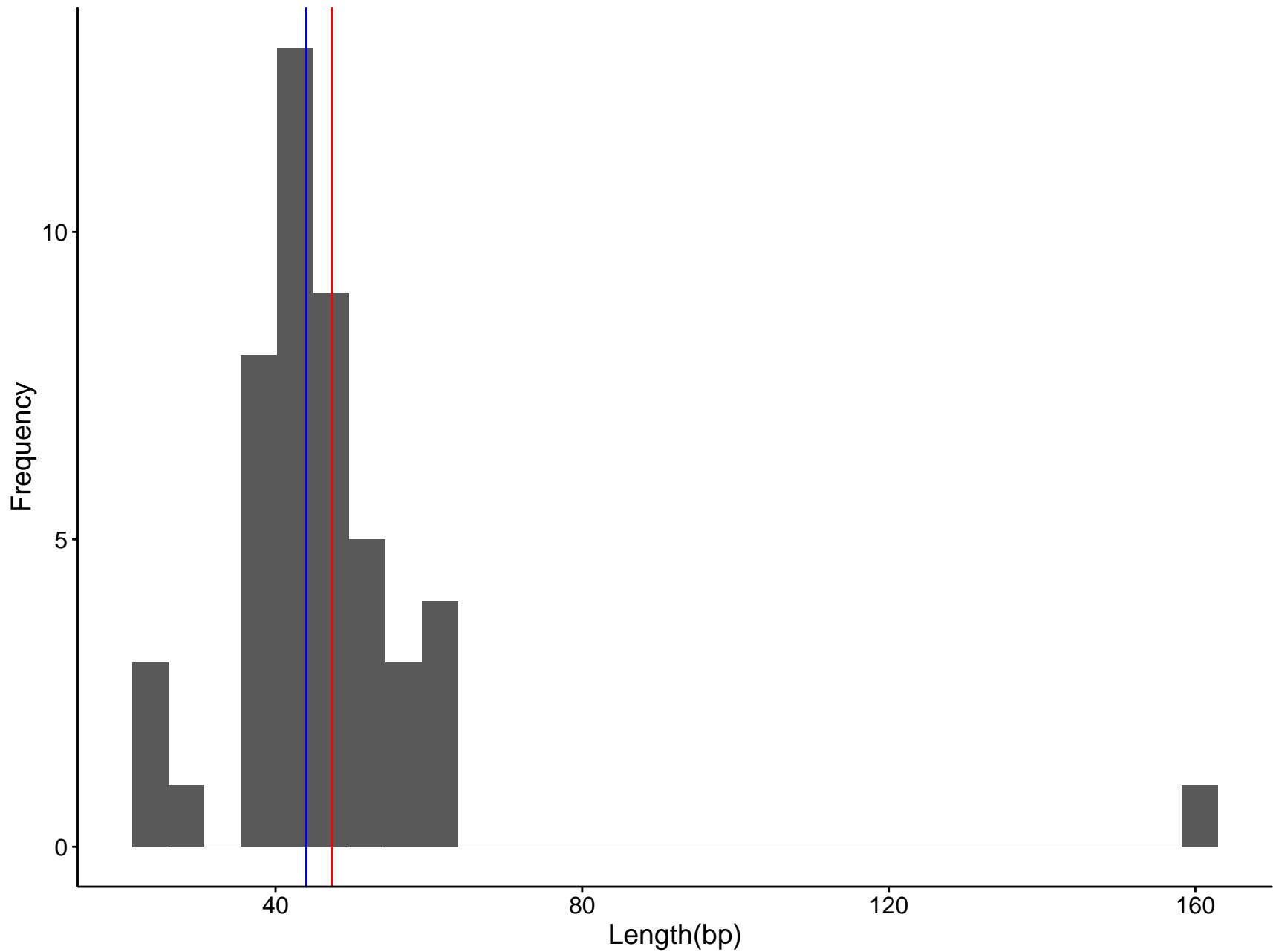
Cluster3



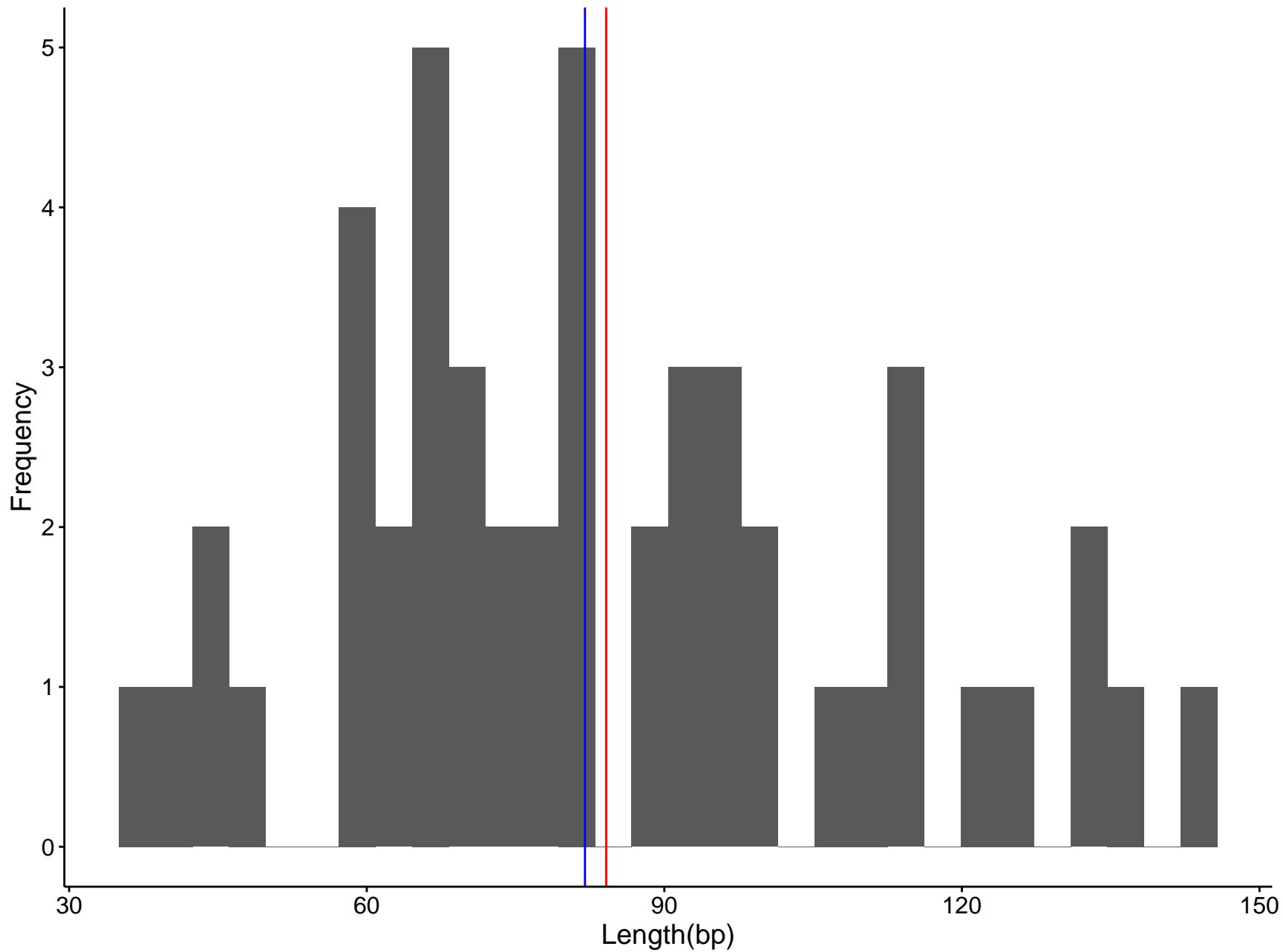
Cluster401



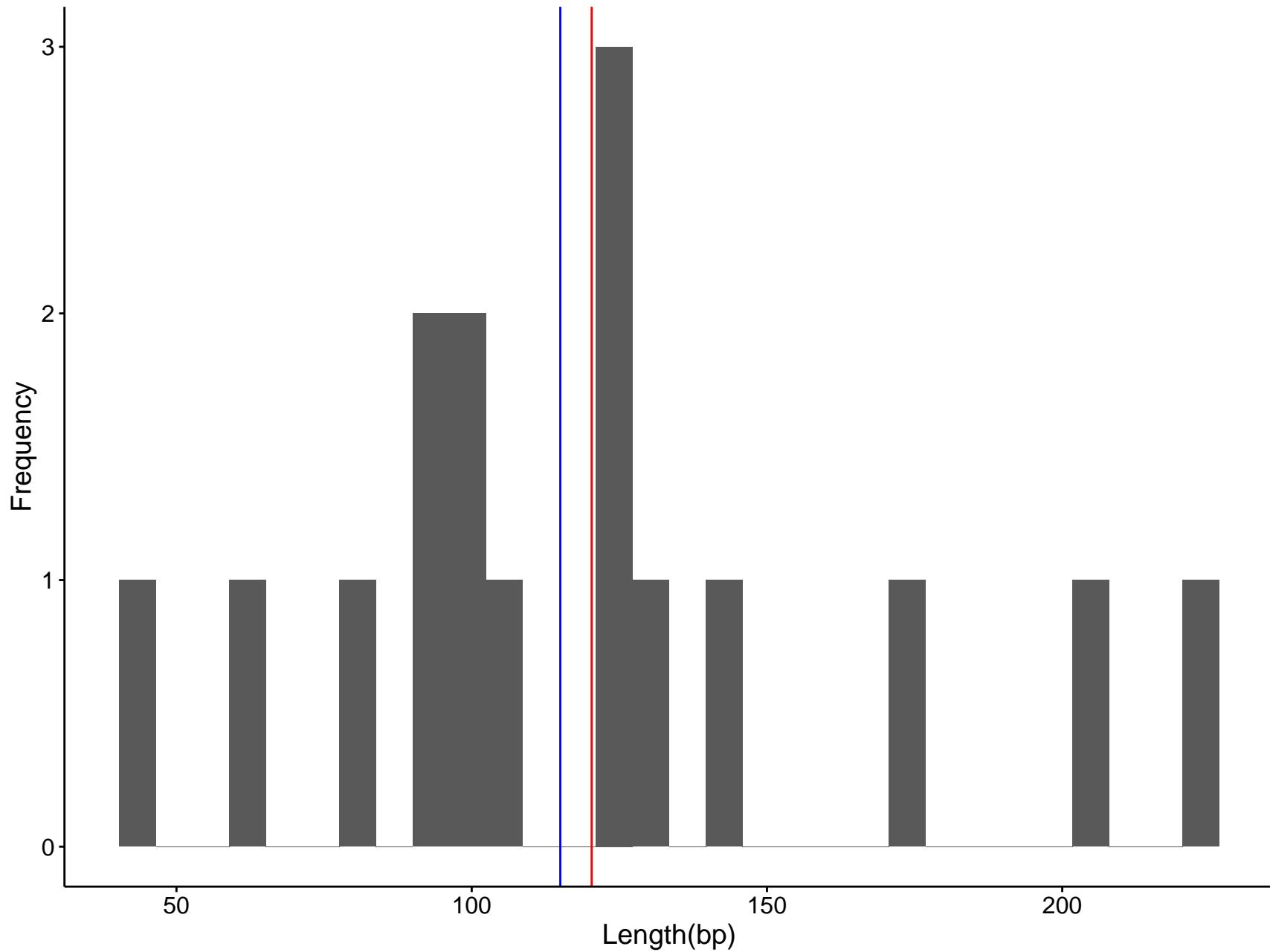
Cluster402



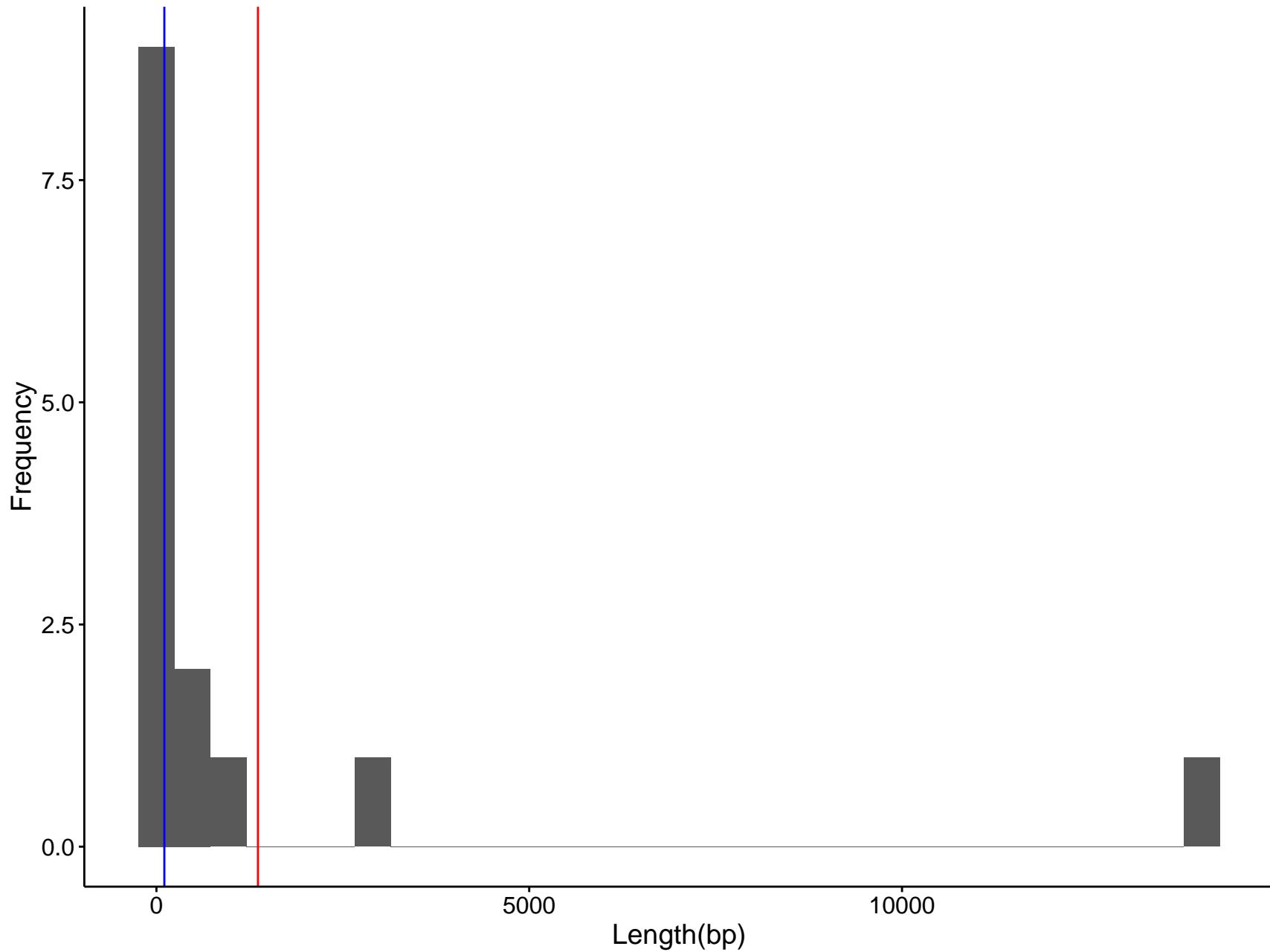
Cluster403



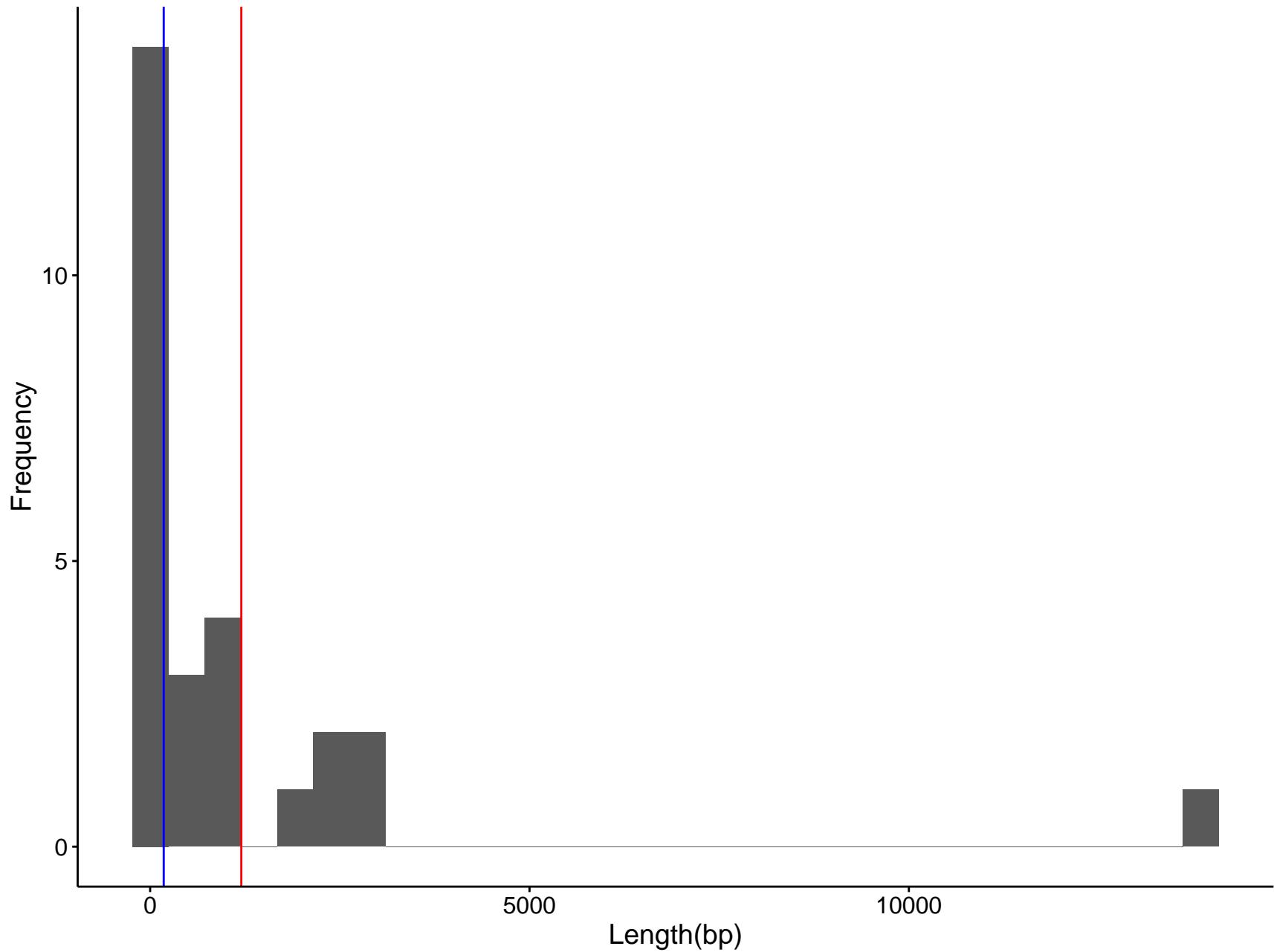
Cluster404



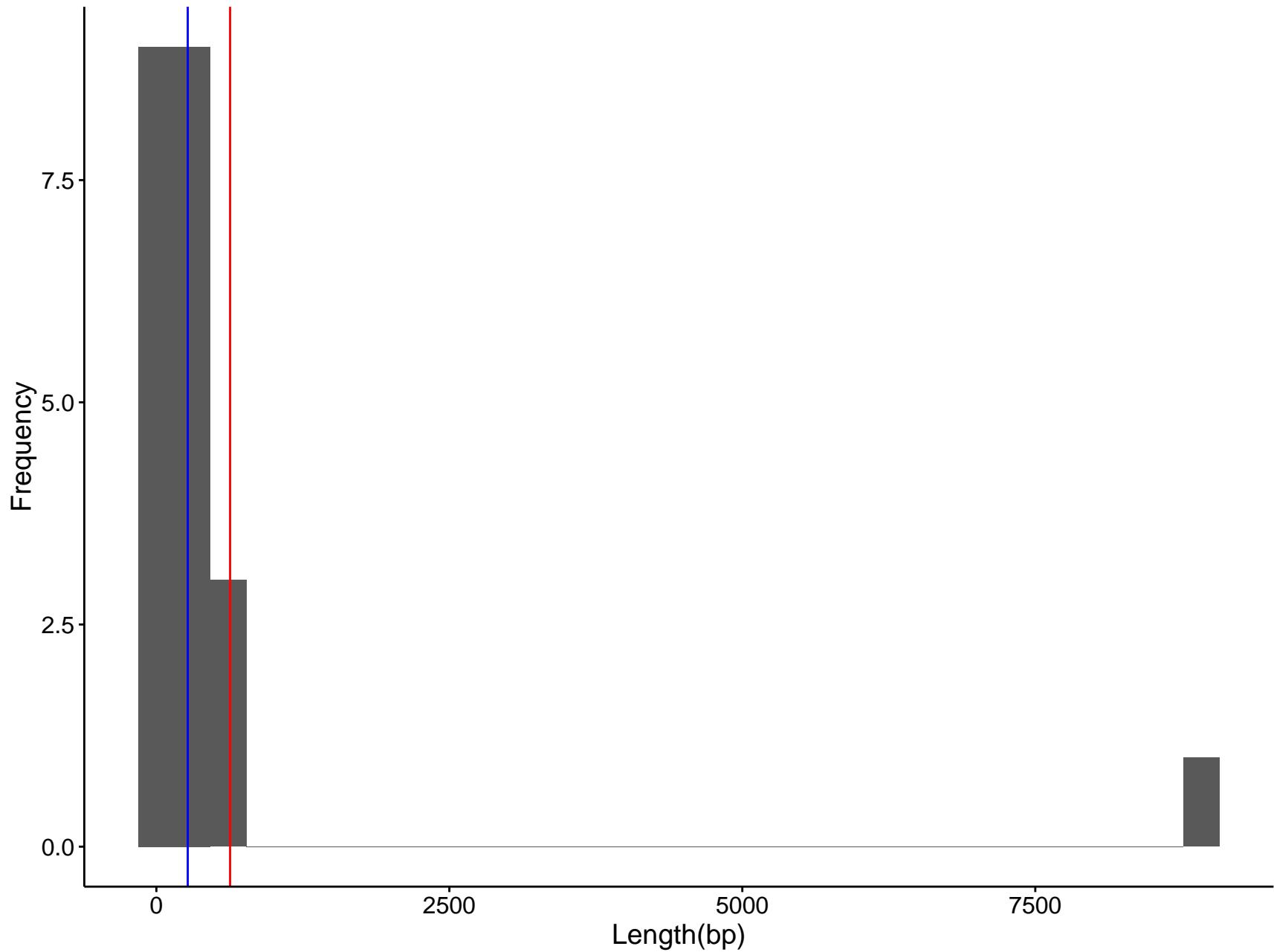
Cluster406



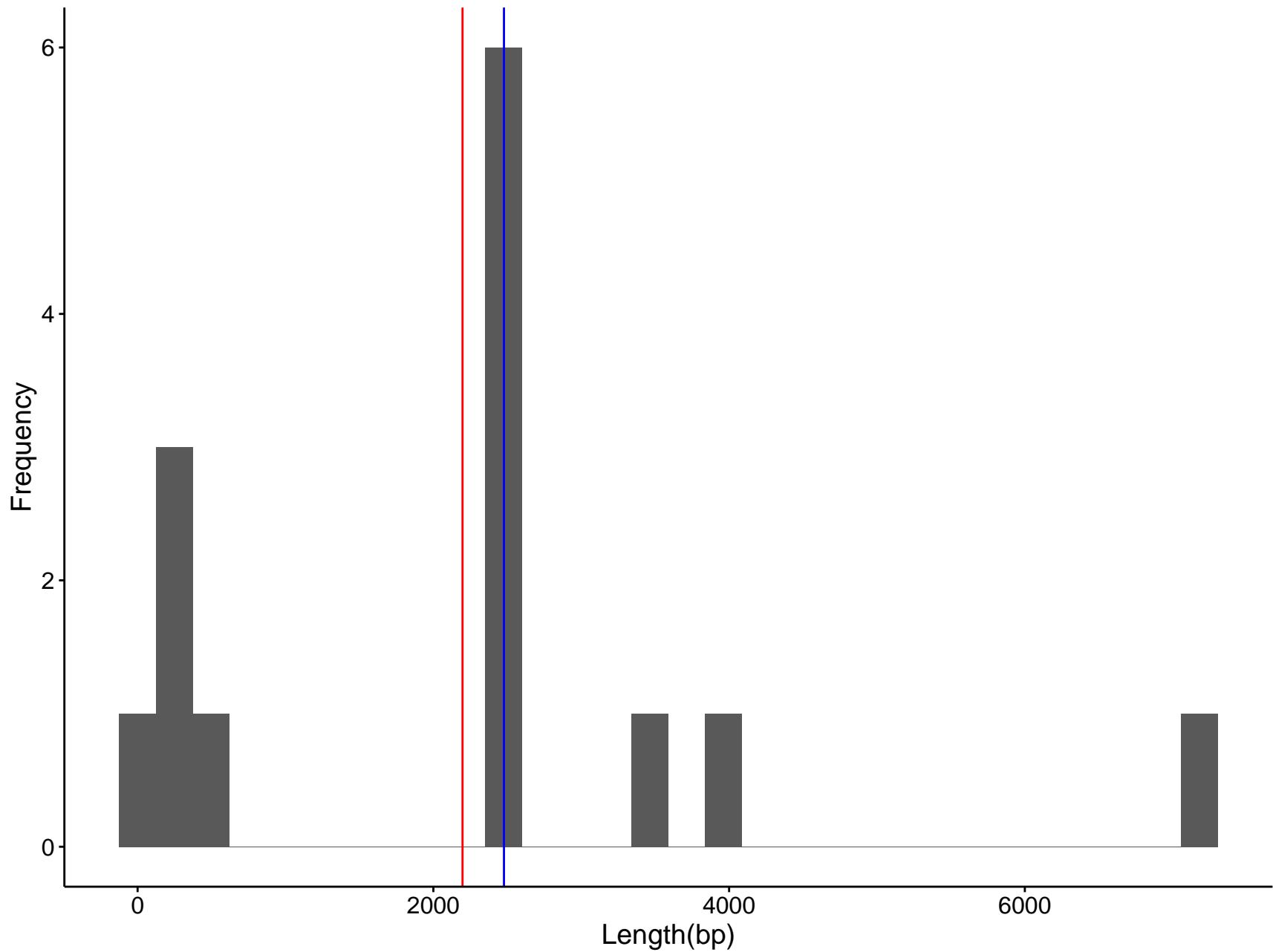
Cluster407



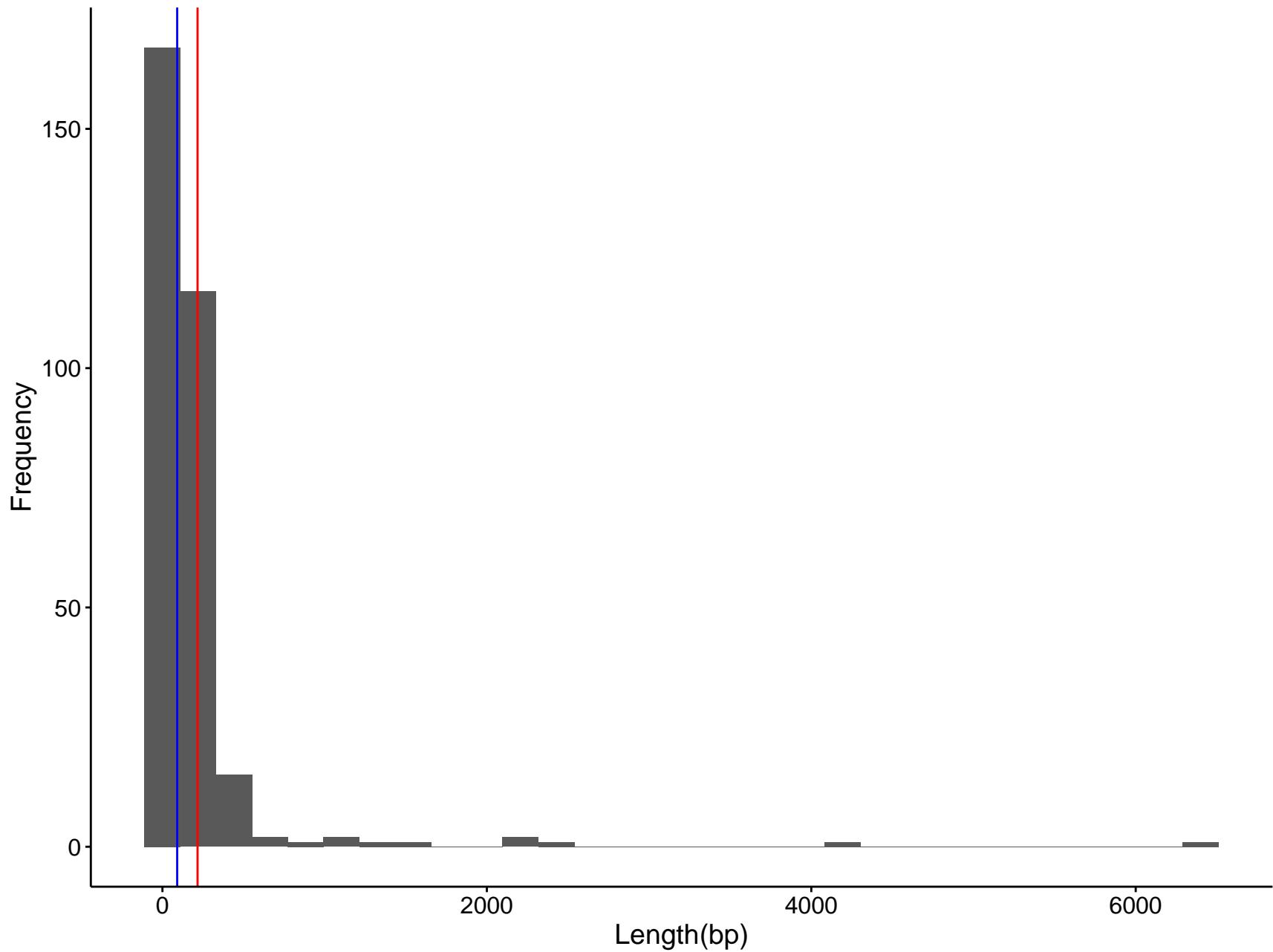
Cluster408



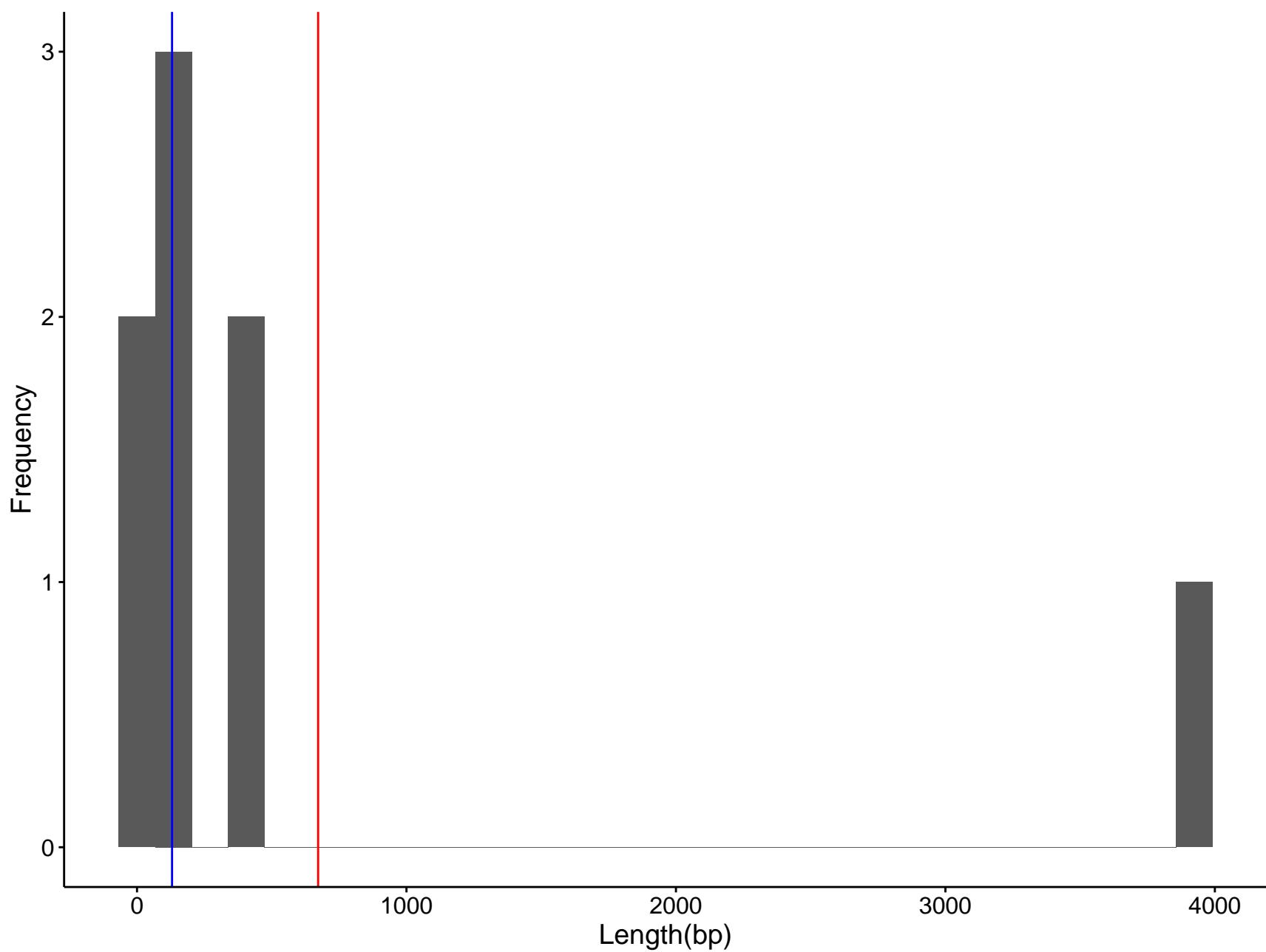
Cluster409



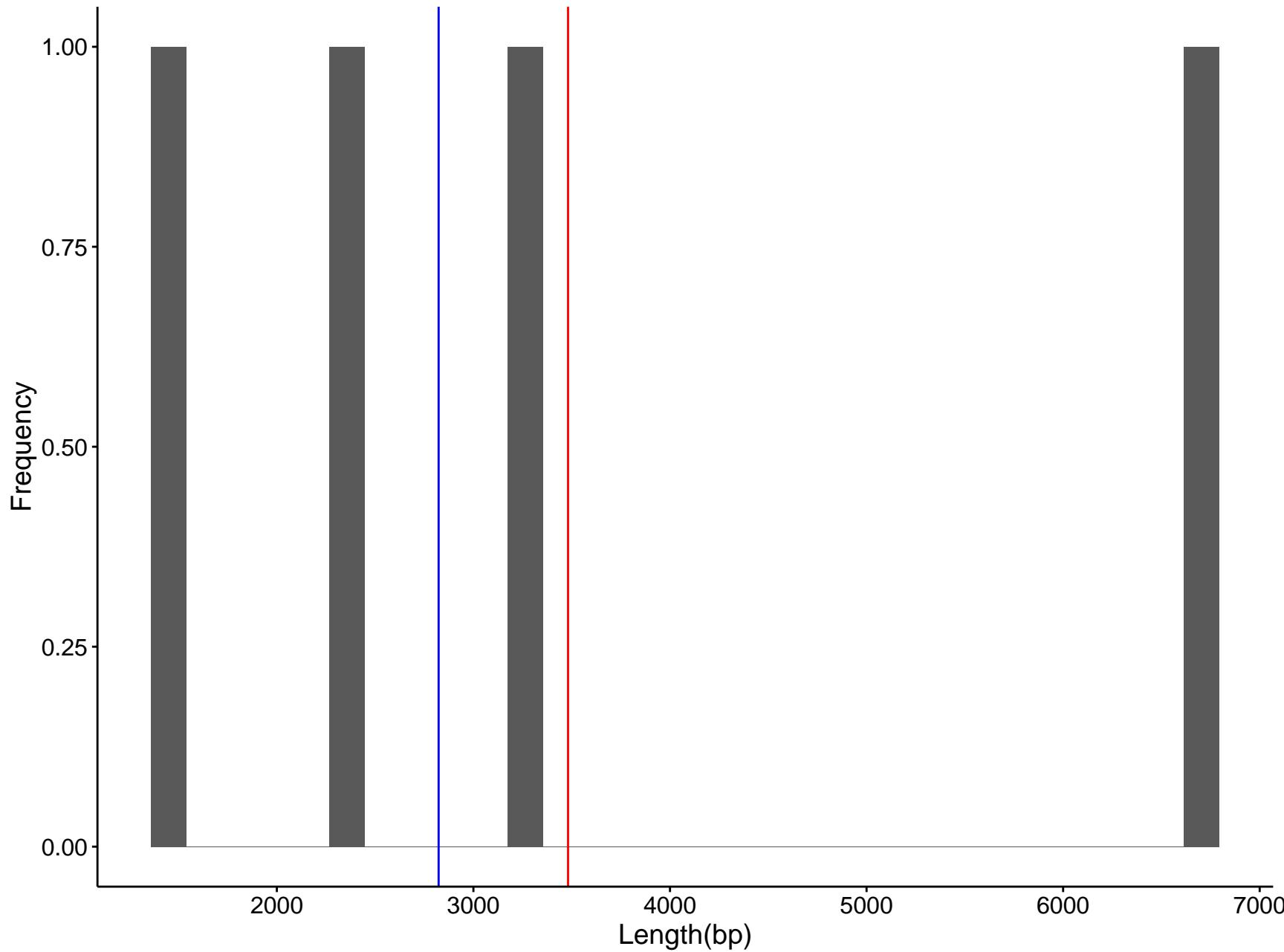
Cluster40



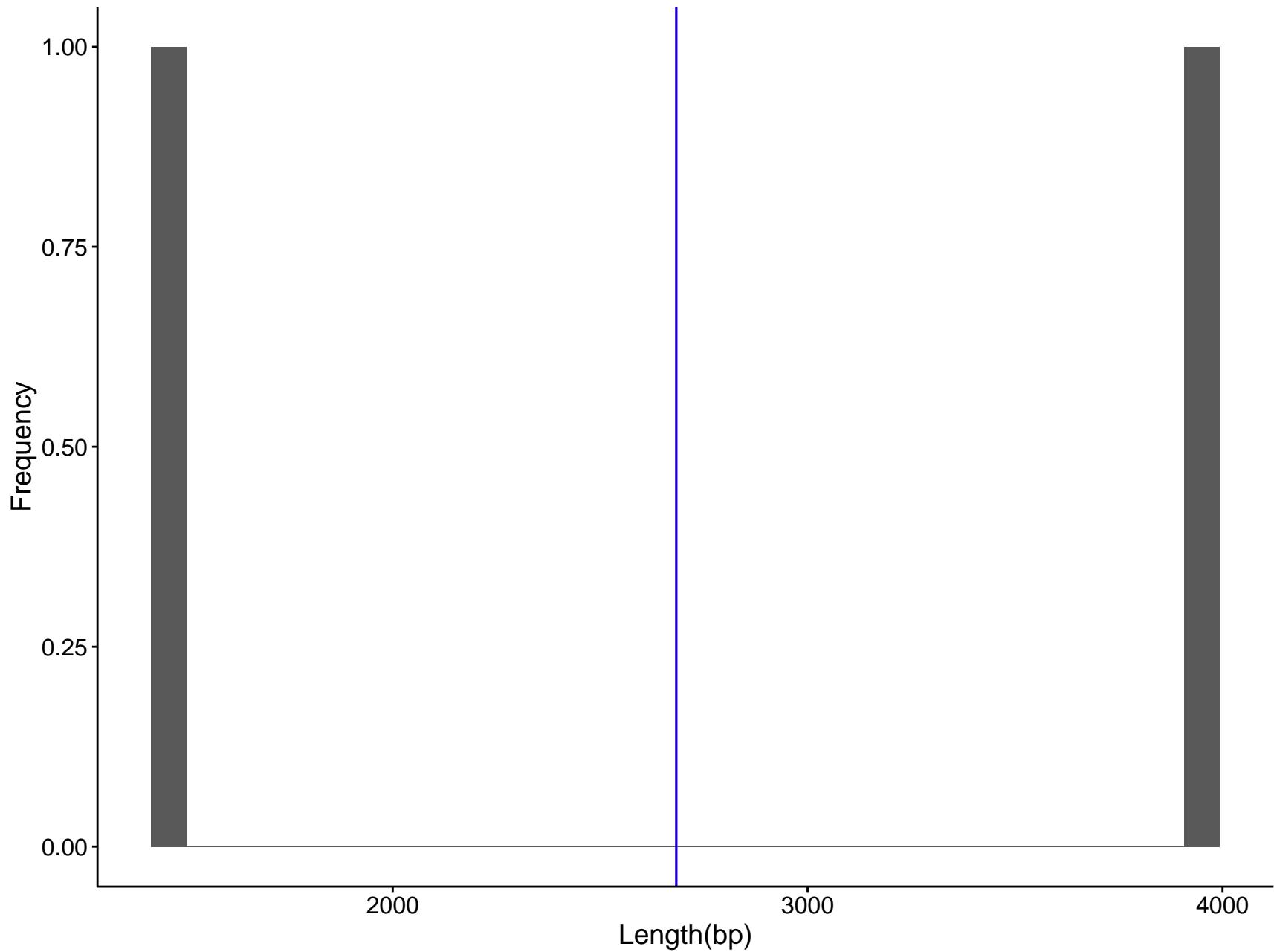
Cluster411



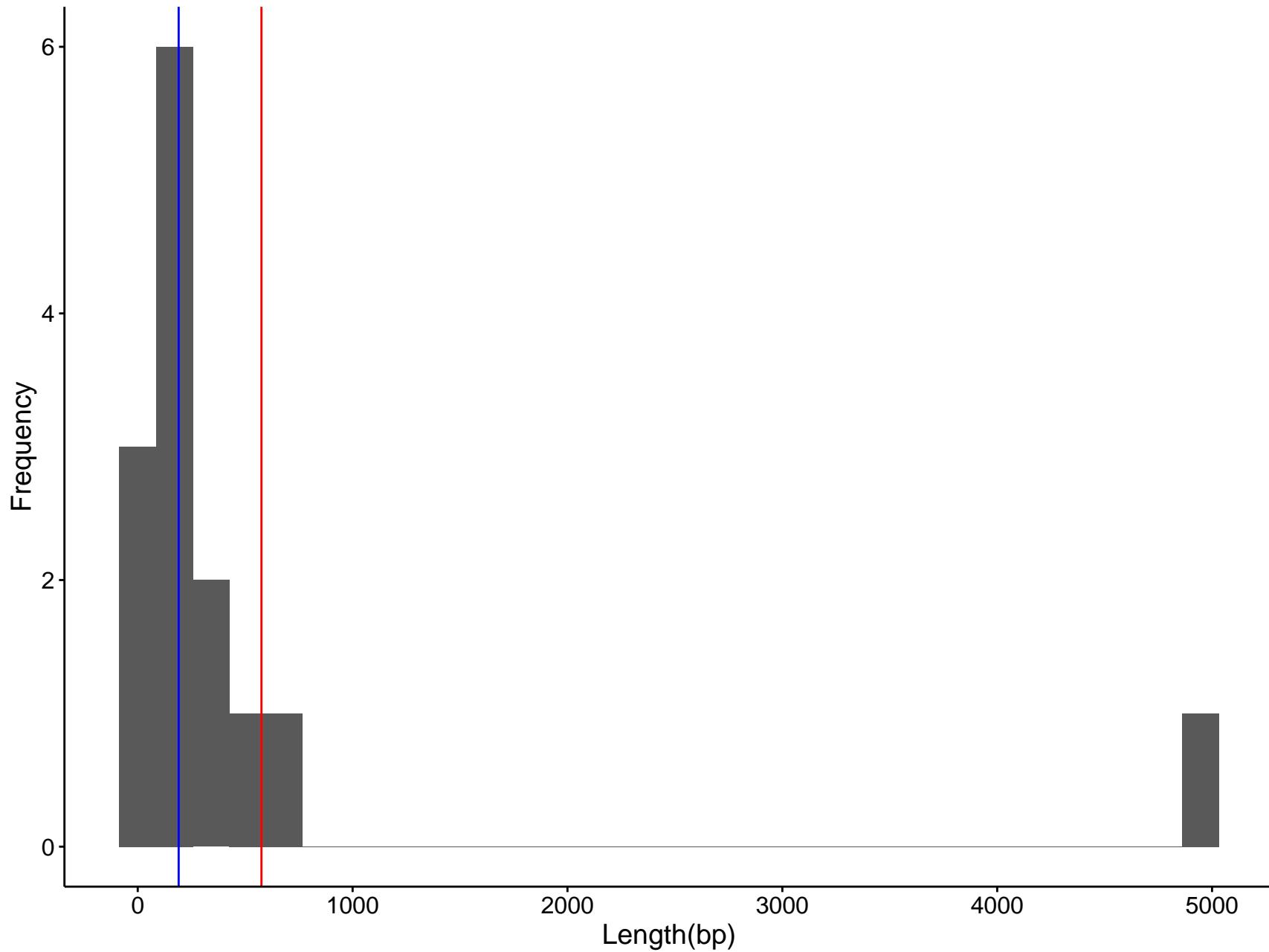
Cluster413



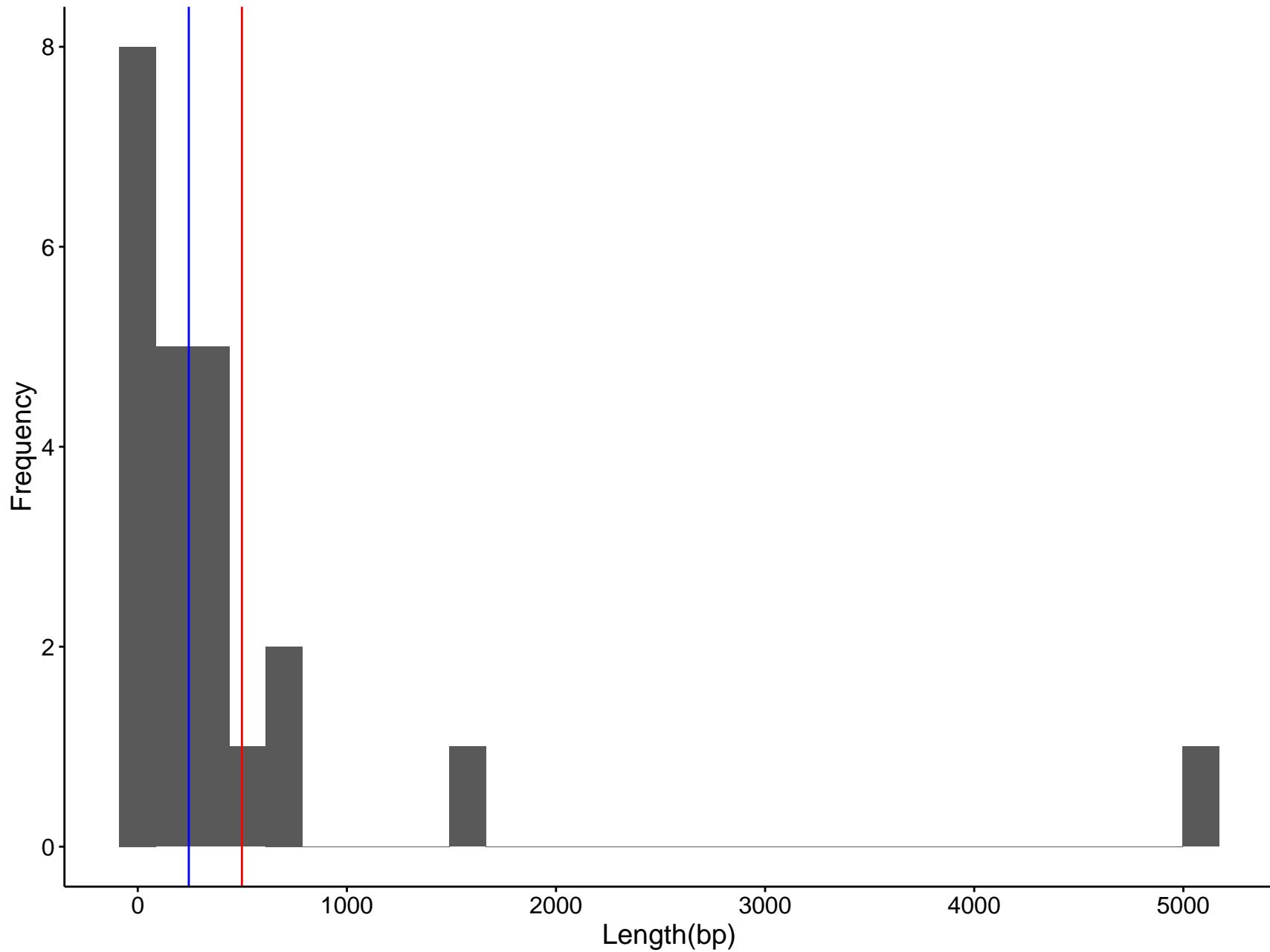
Cluster414



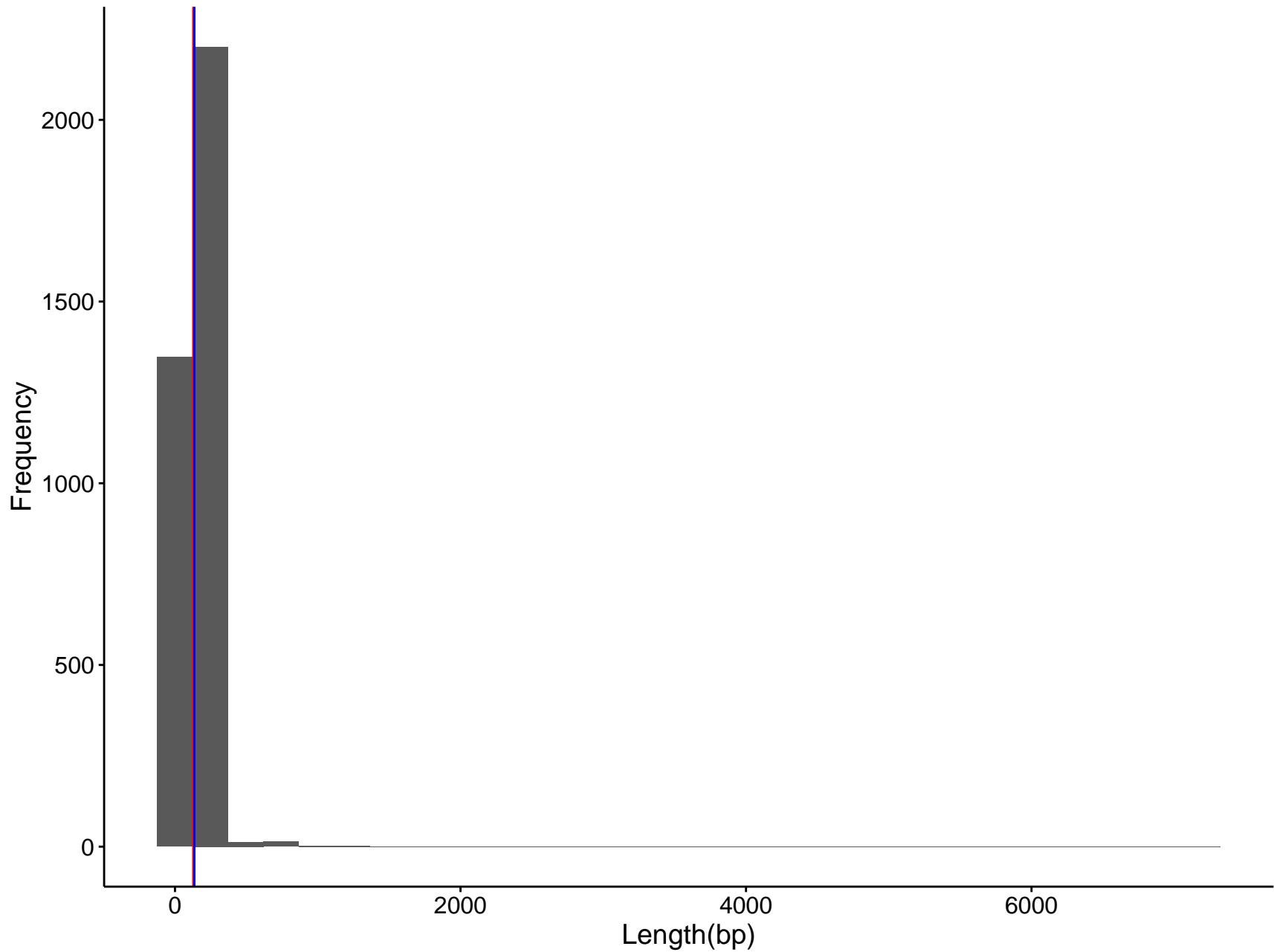
Cluster415



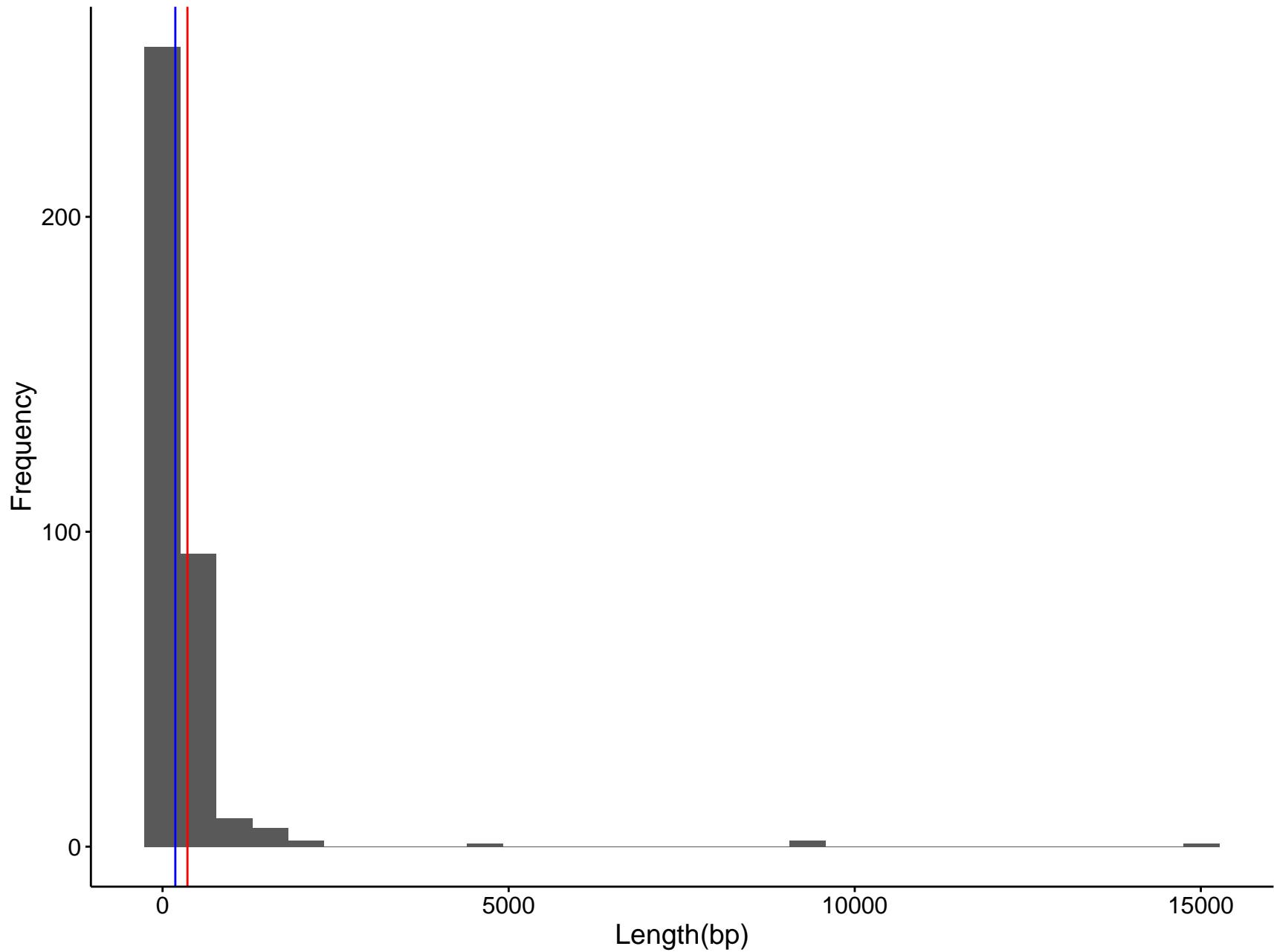
Cluster416



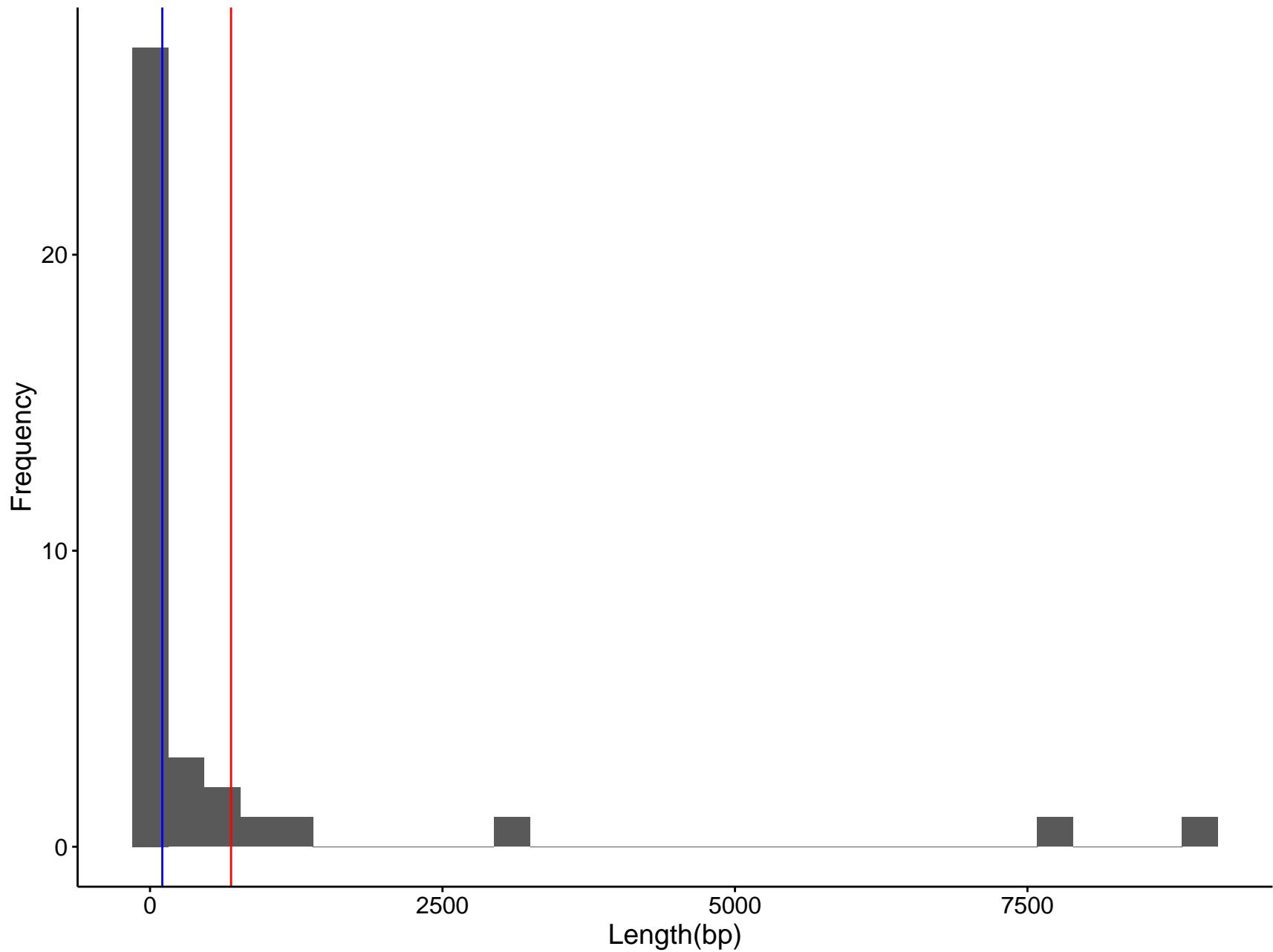
Cluster417



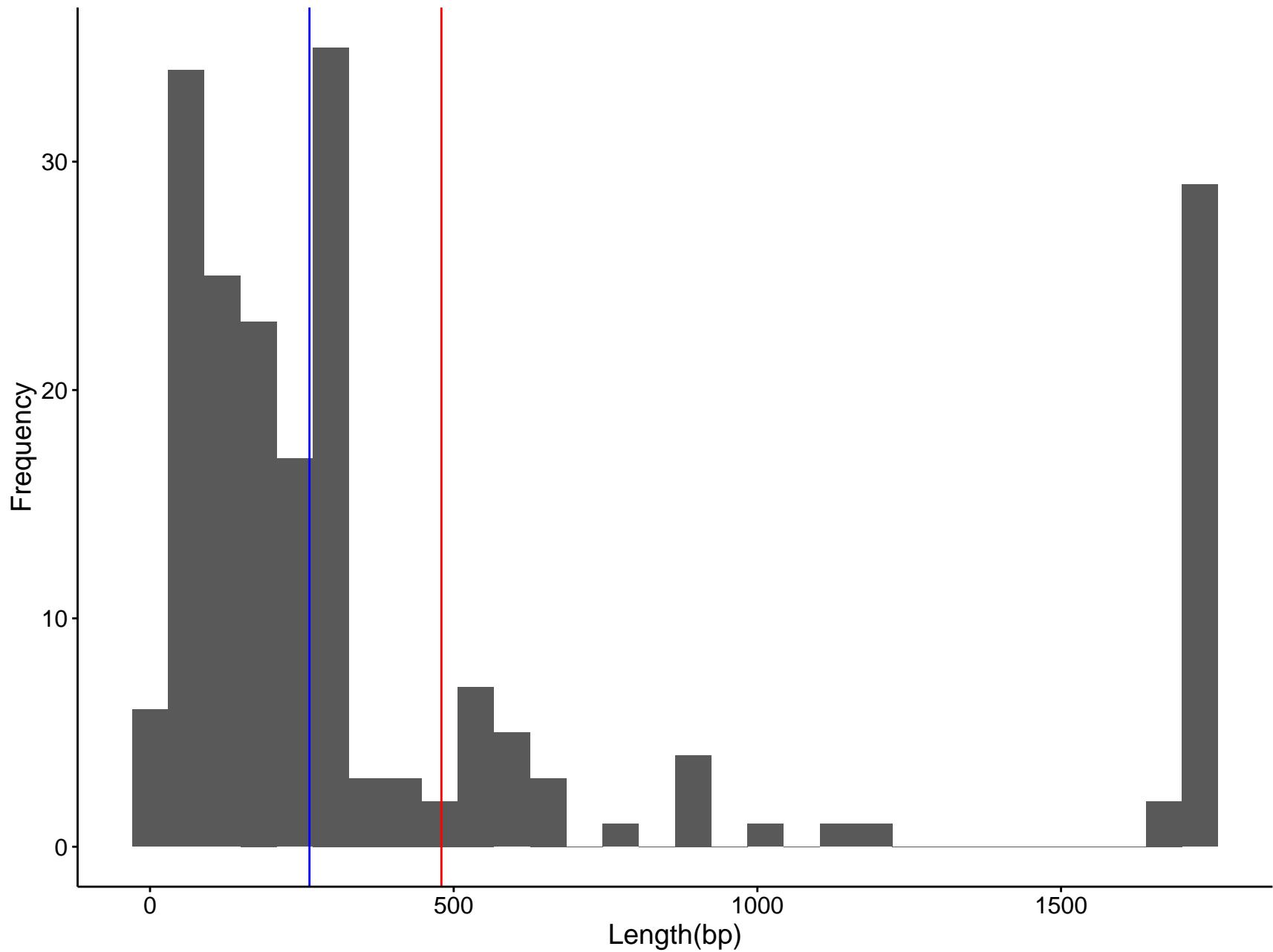
Cluster418



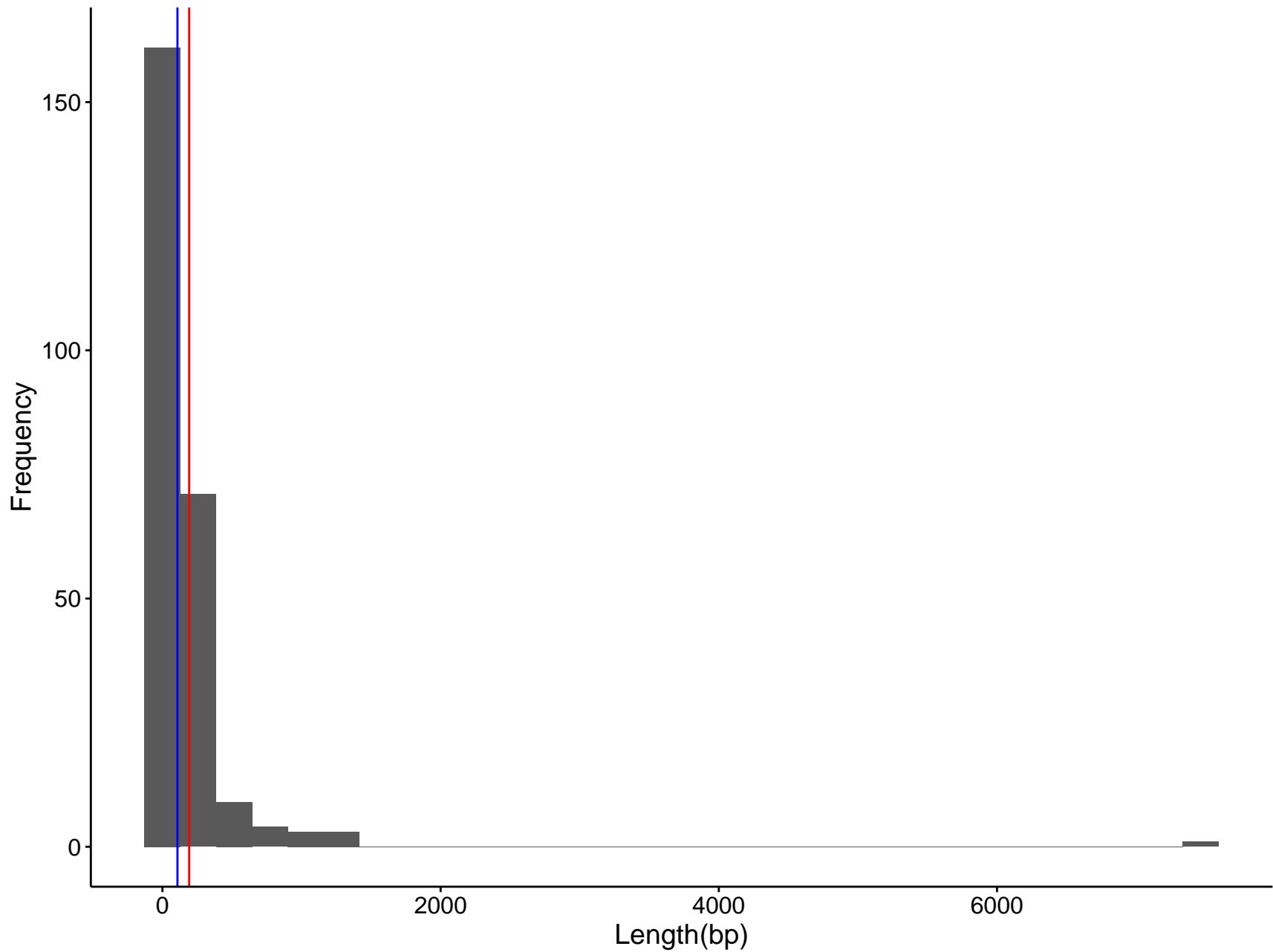
Cluster419



Cluster41



Cluster420



Cluster421

Frequency

511.950

511.975

512.000

512.025

Length(bp)



Cluster422

Frequency

495.950

495.975

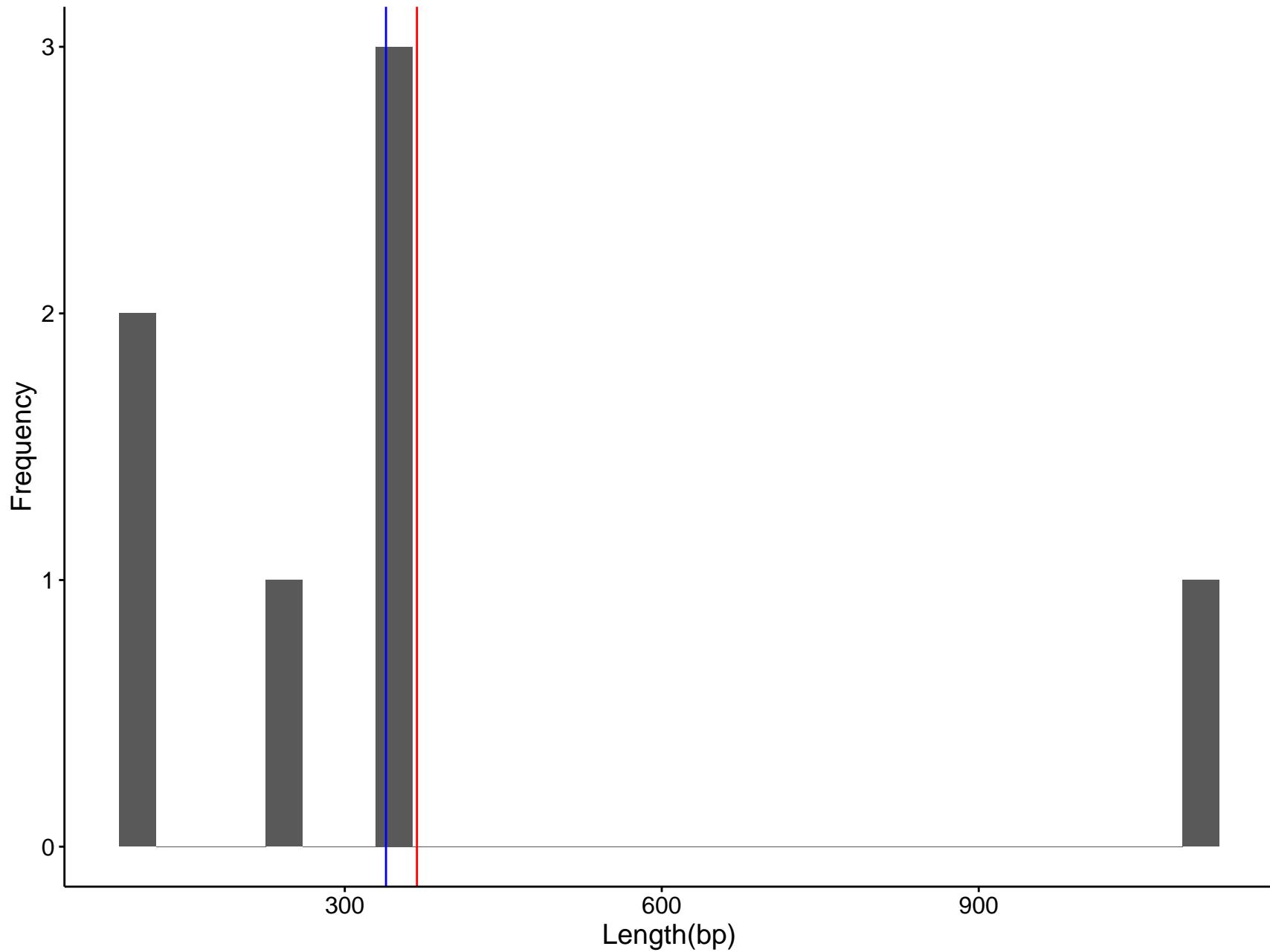
496.000

496.025

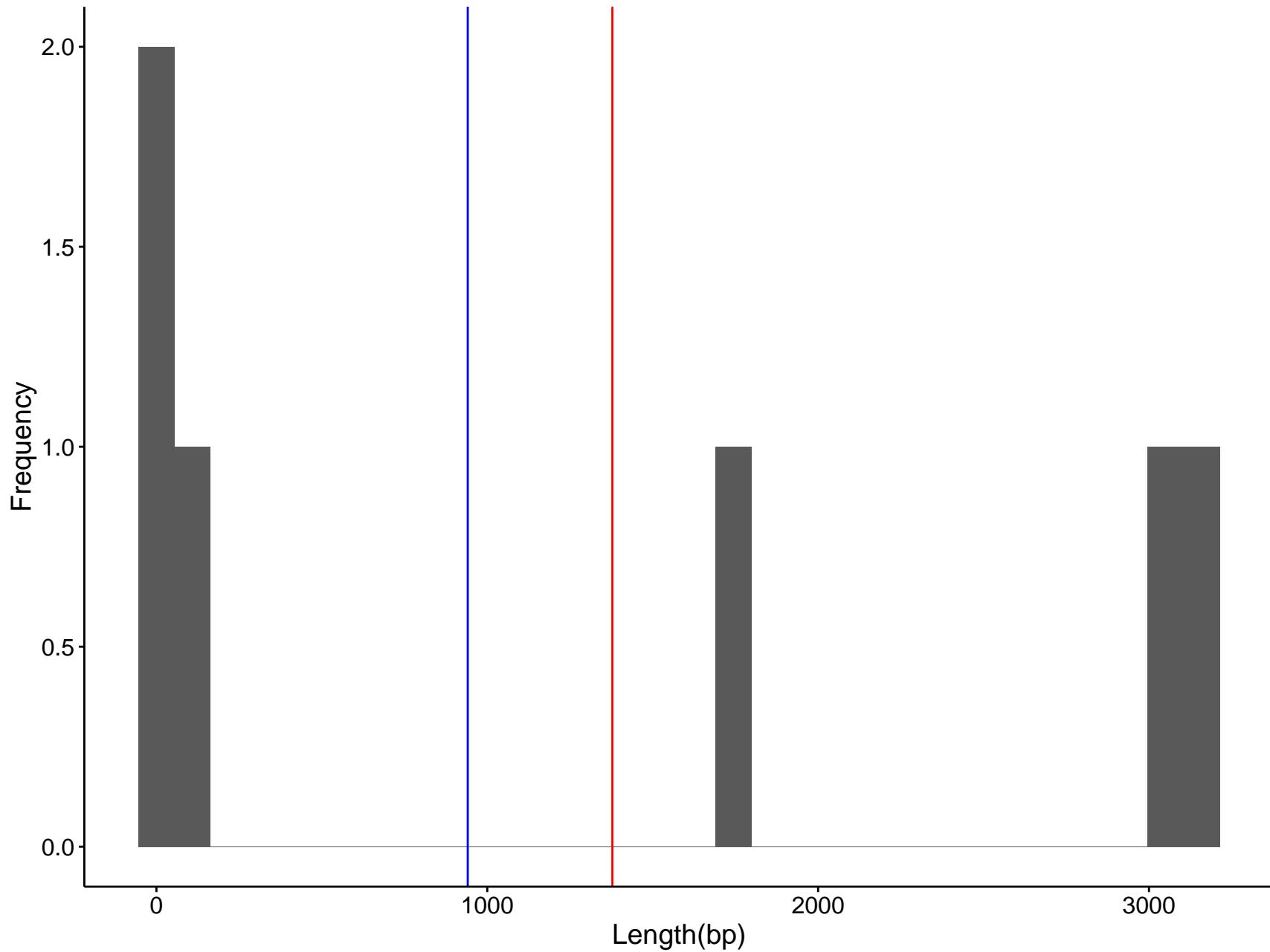
Length(bp)



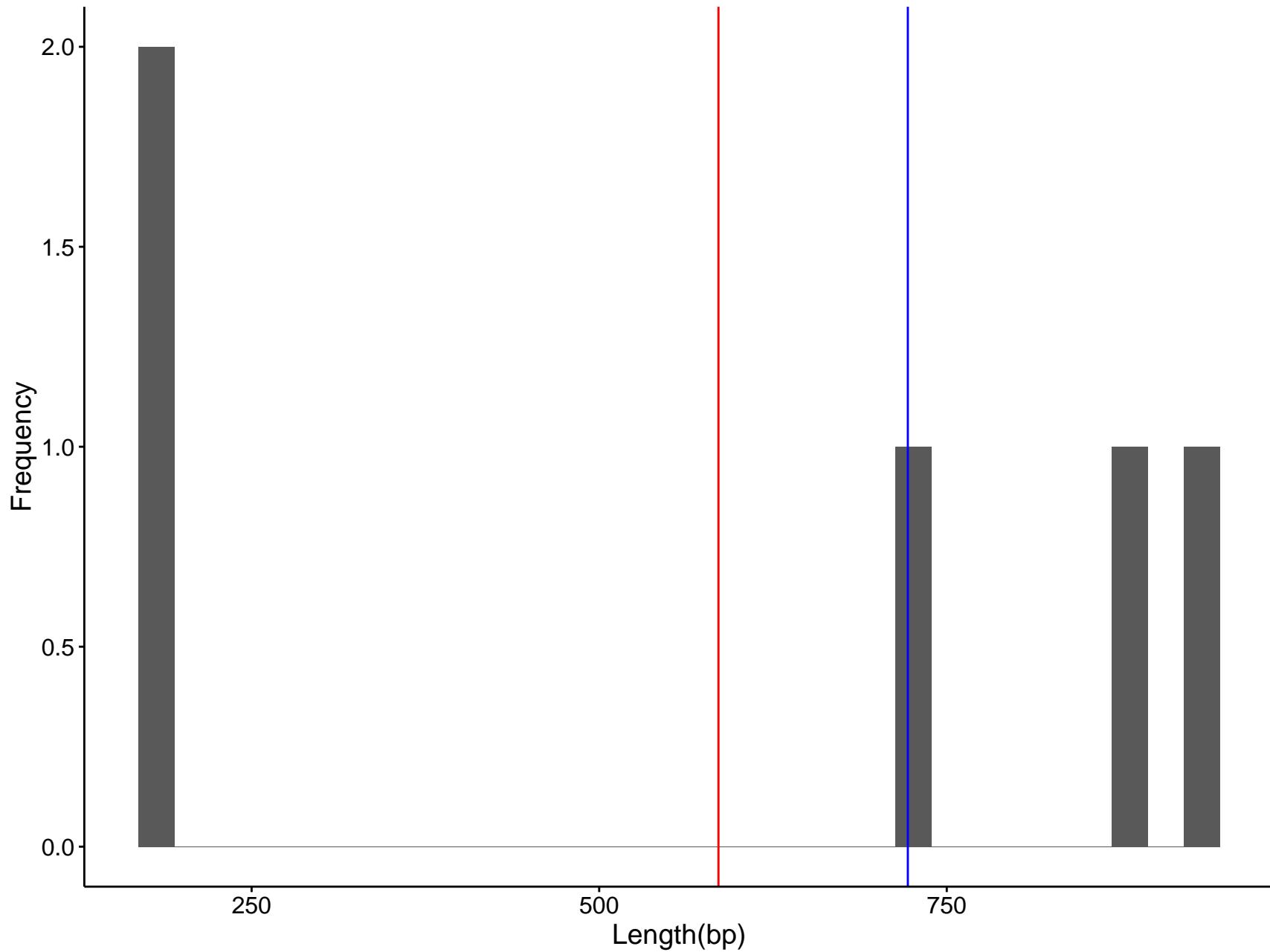
Cluster423



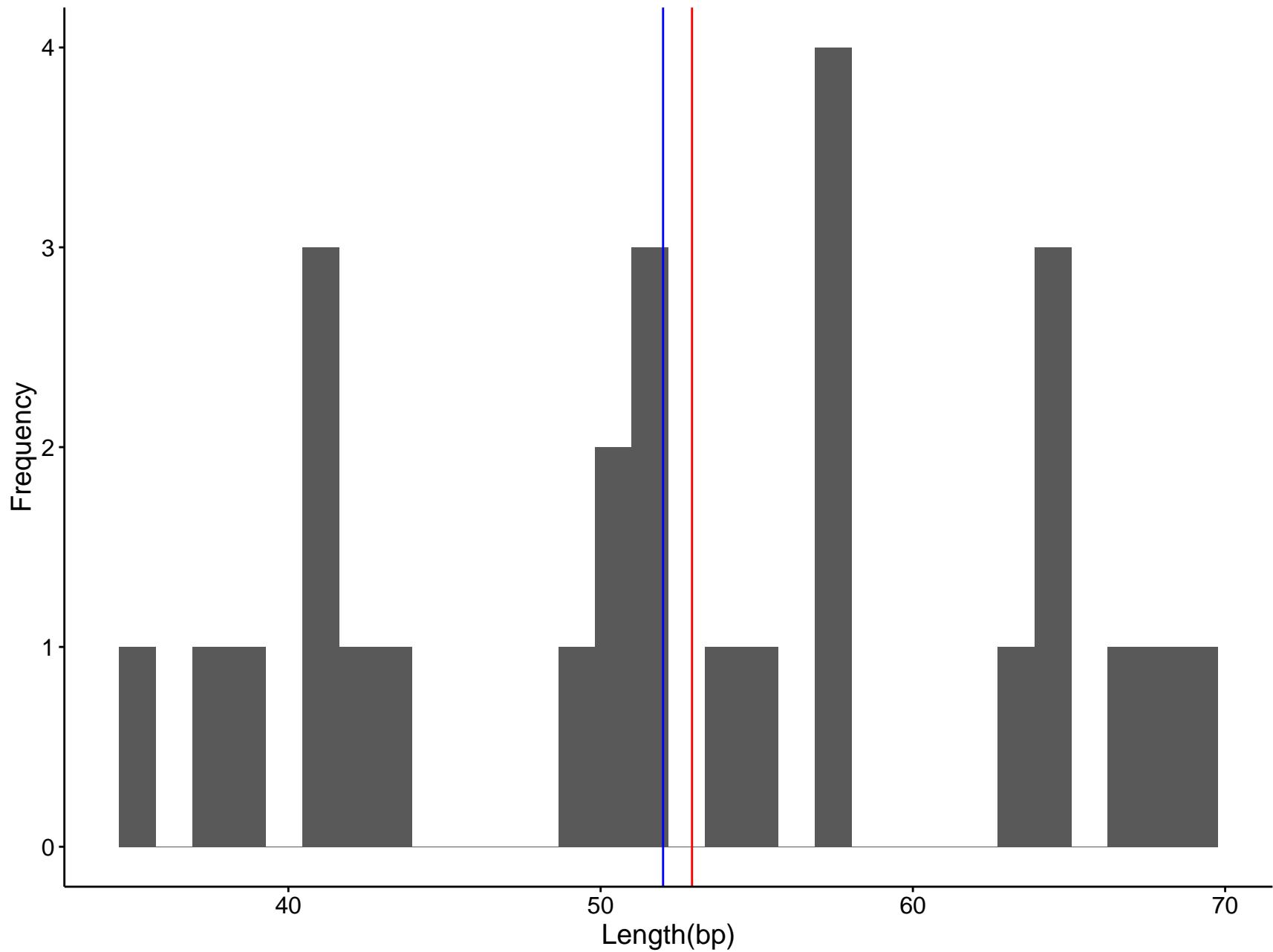
Cluster424



Cluster427



Cluster42



Cluster430

Frequency

126.950

126.975

127.000

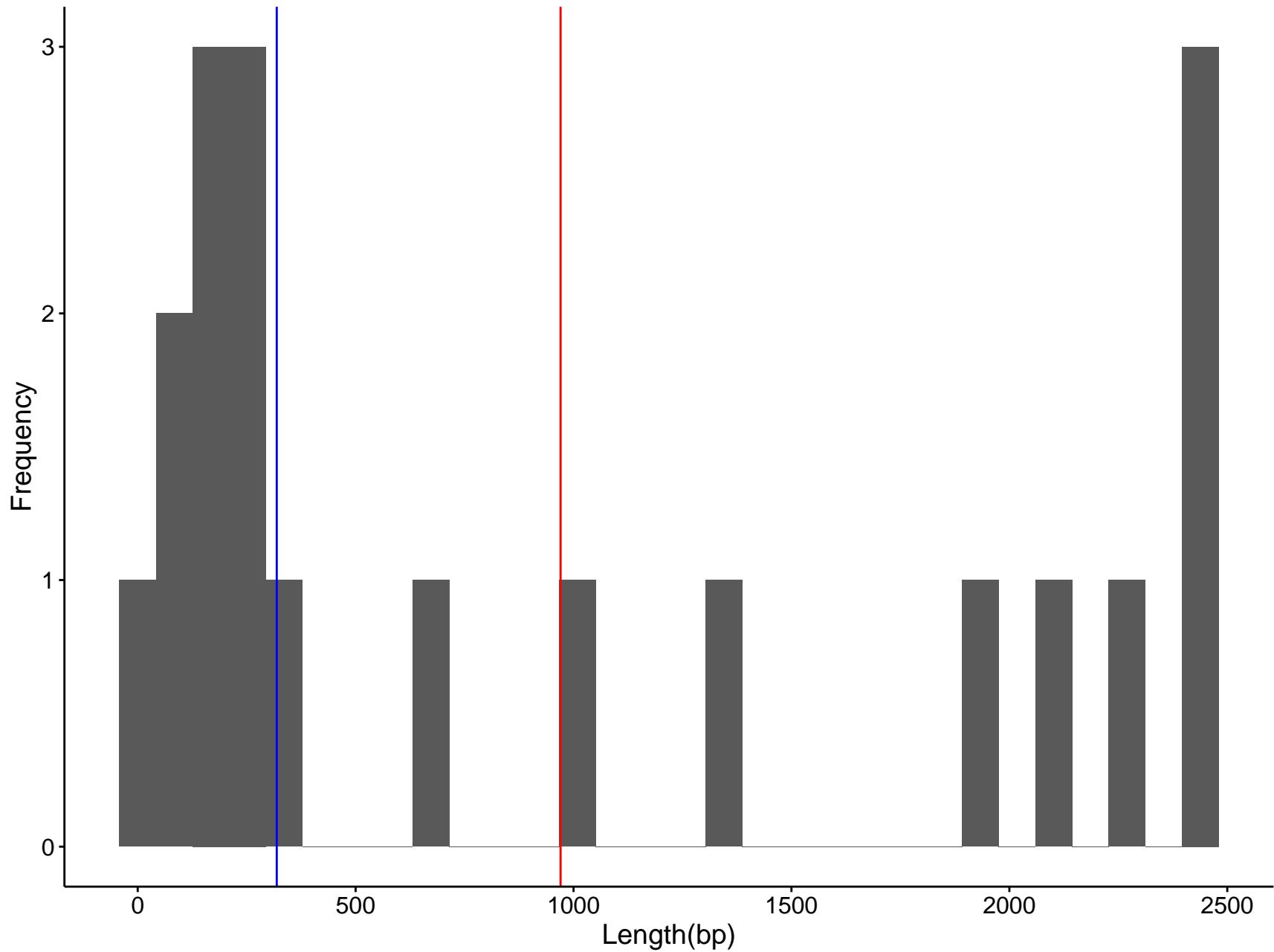
127.025

127.050

Length(bp)



Cluster431



Cluster433

Frequency

279.950

279.975

280.000

280.025

280.050

Length(bp)



Cluster434

Frequency

298.950

298.975

299.000

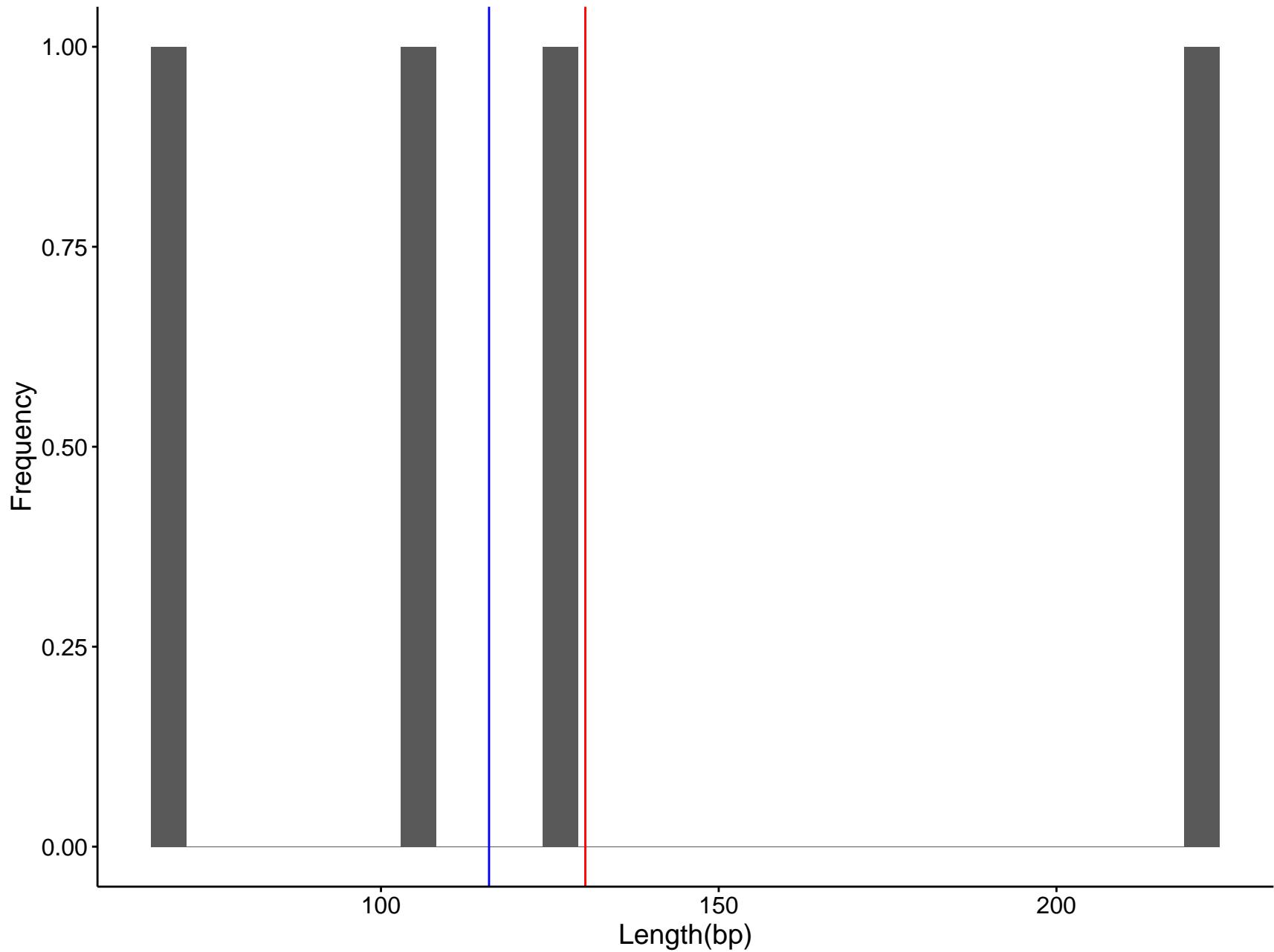
299.025

299.050

Length(bp)



Cluster435



Cluster436

Frequency

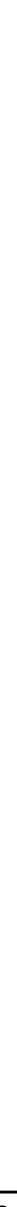
58.950

58.975

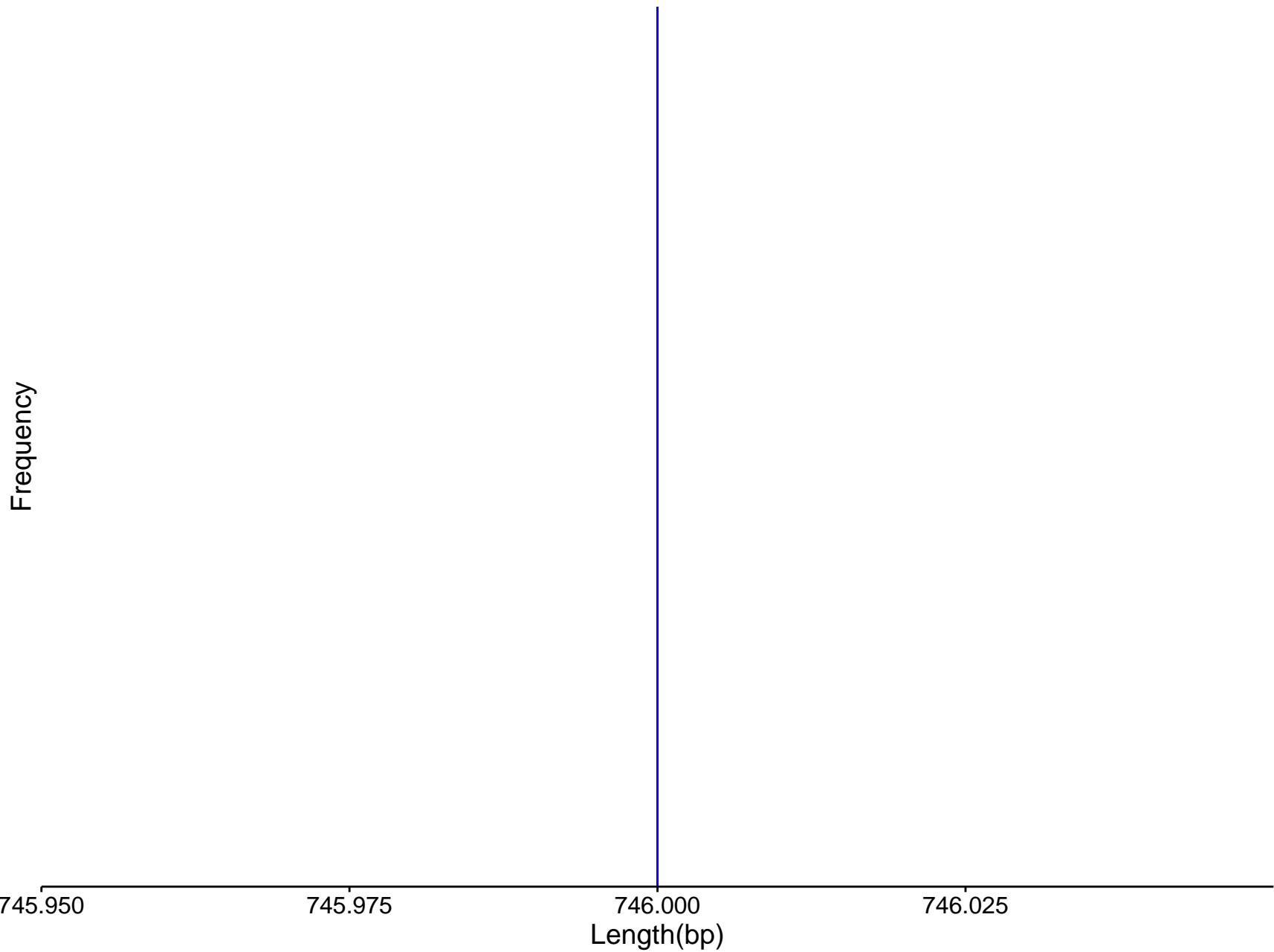
59.000

59.025

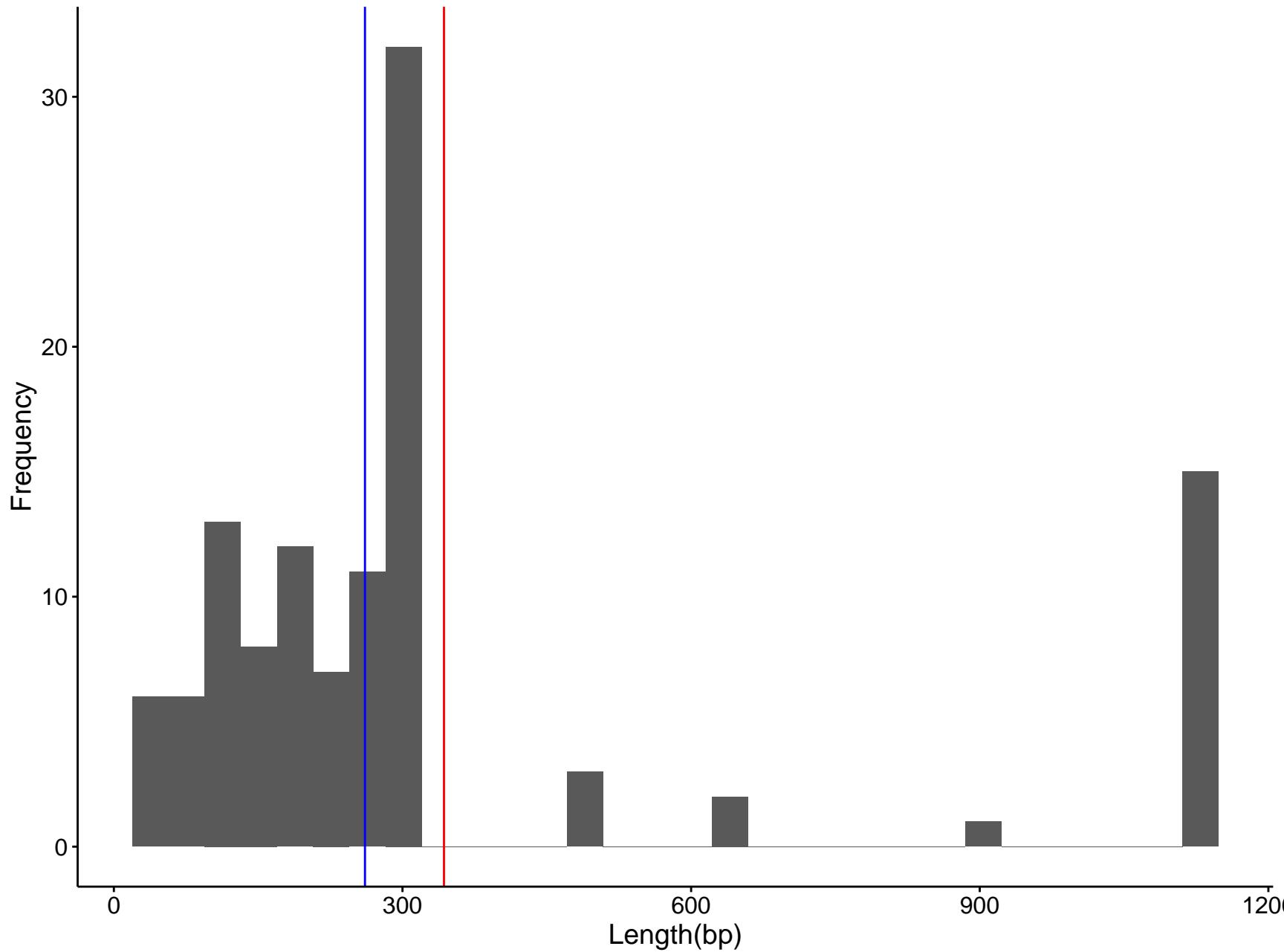
Length(bp)



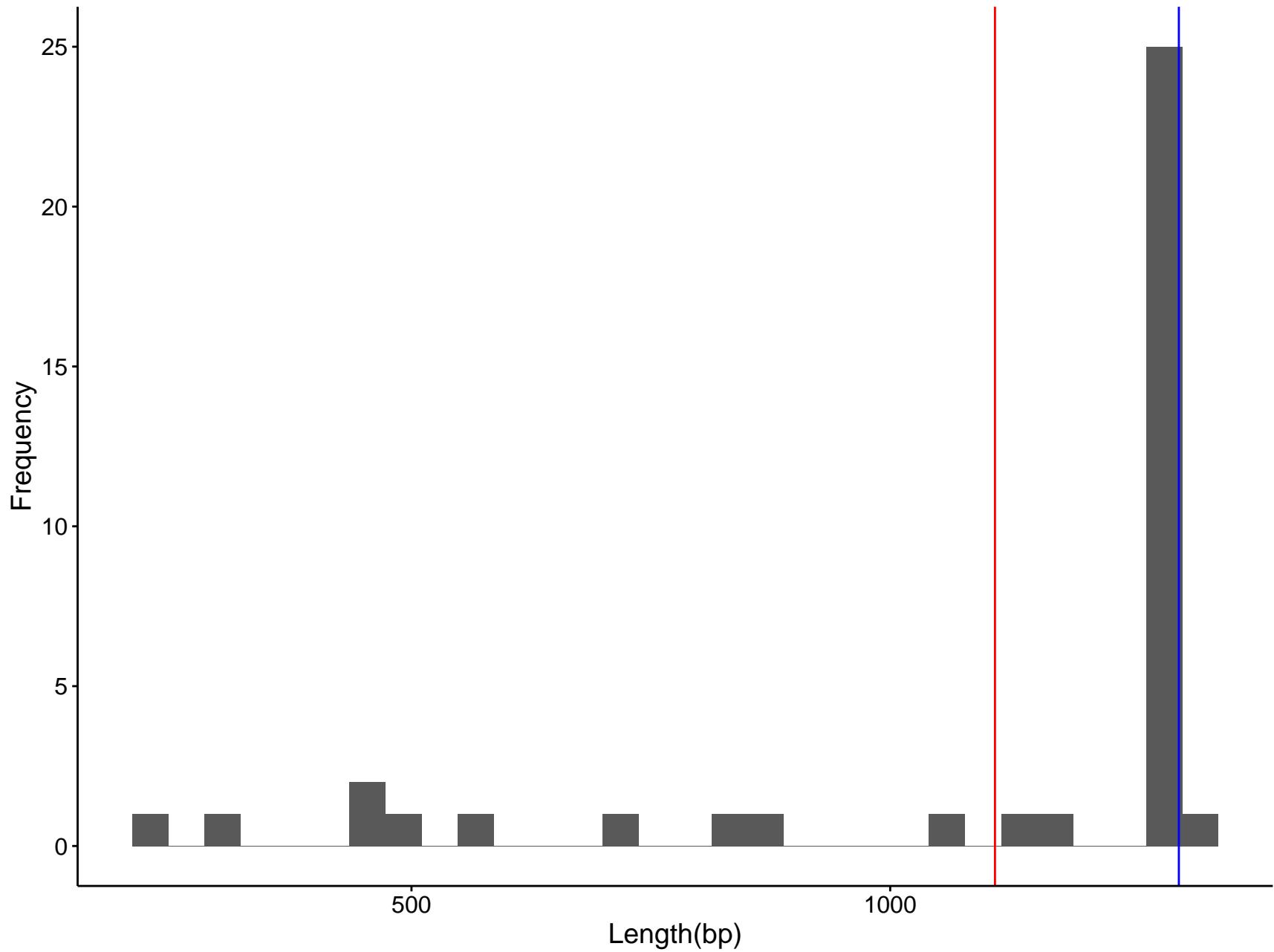
Cluster438



Cluster43



Cluster440



Cluster442

Frequency

811.950

811.975

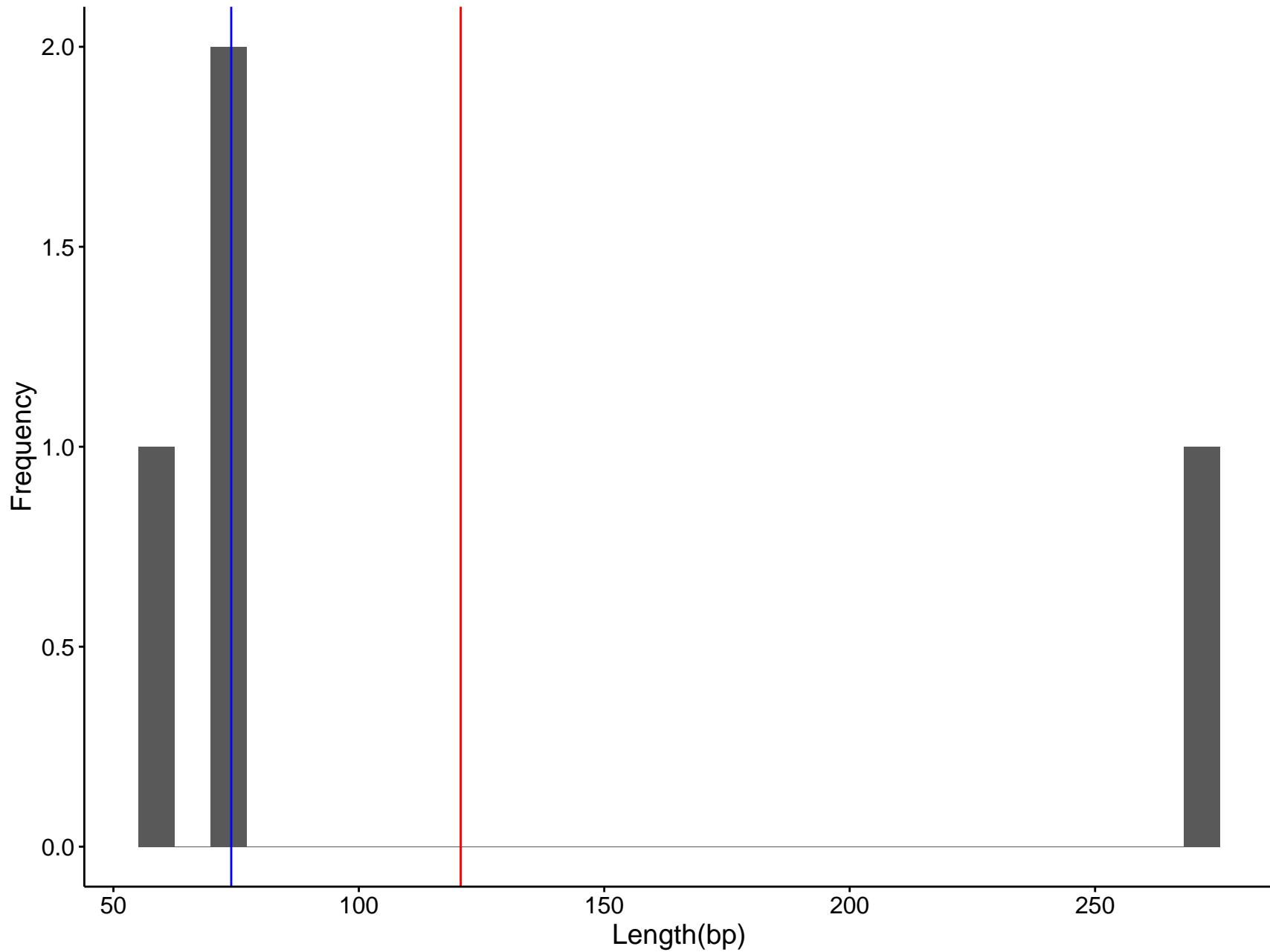
812.000

812.025

Length(bp)



Cluster443



Cluster445

Frequency

91.950

91.975

92.000

92.025

92.0

Length(bp)



Cluster447

Frequency

2322.950

2322.975

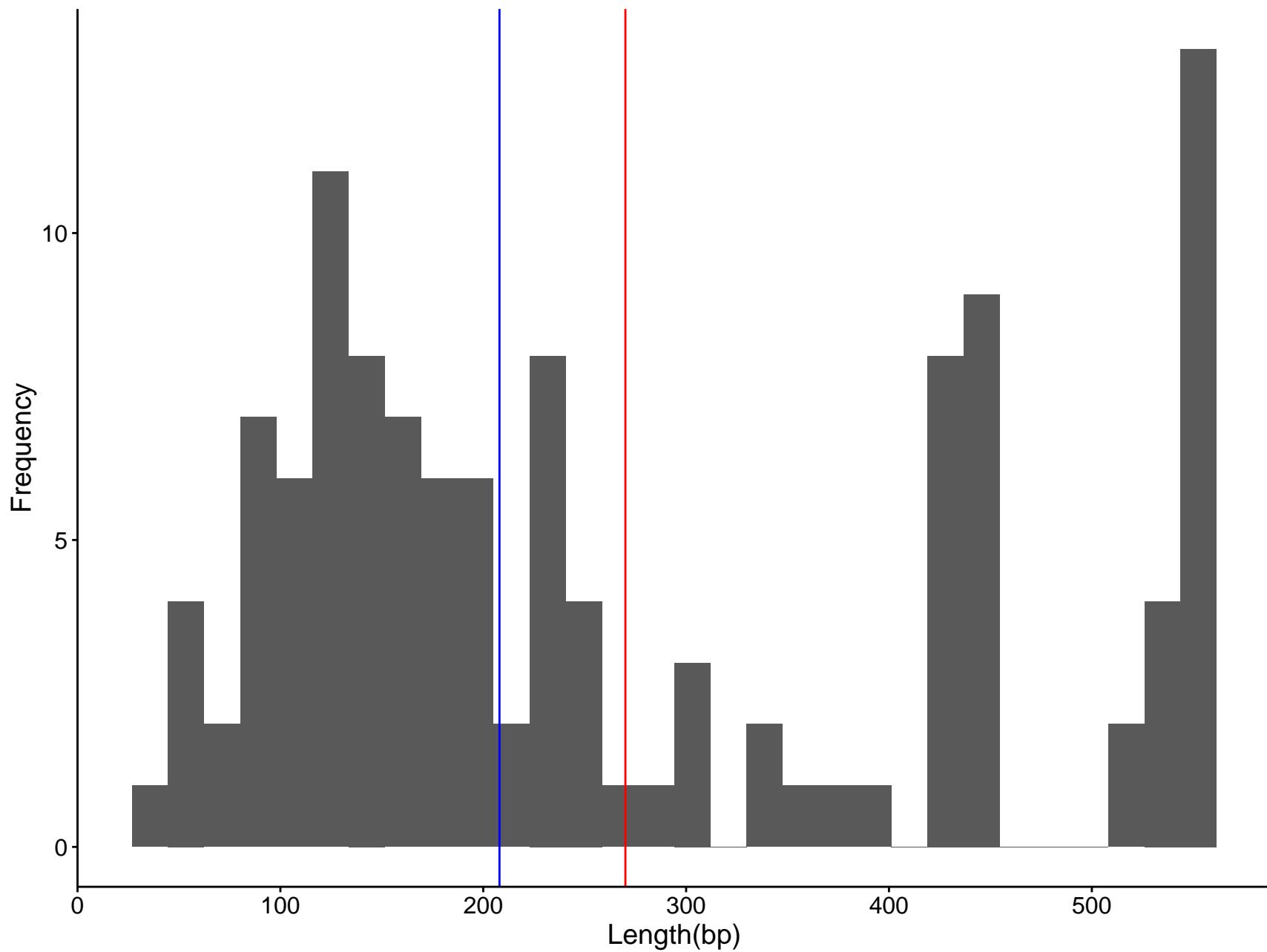
2323.000
Length(bp)

2323.025

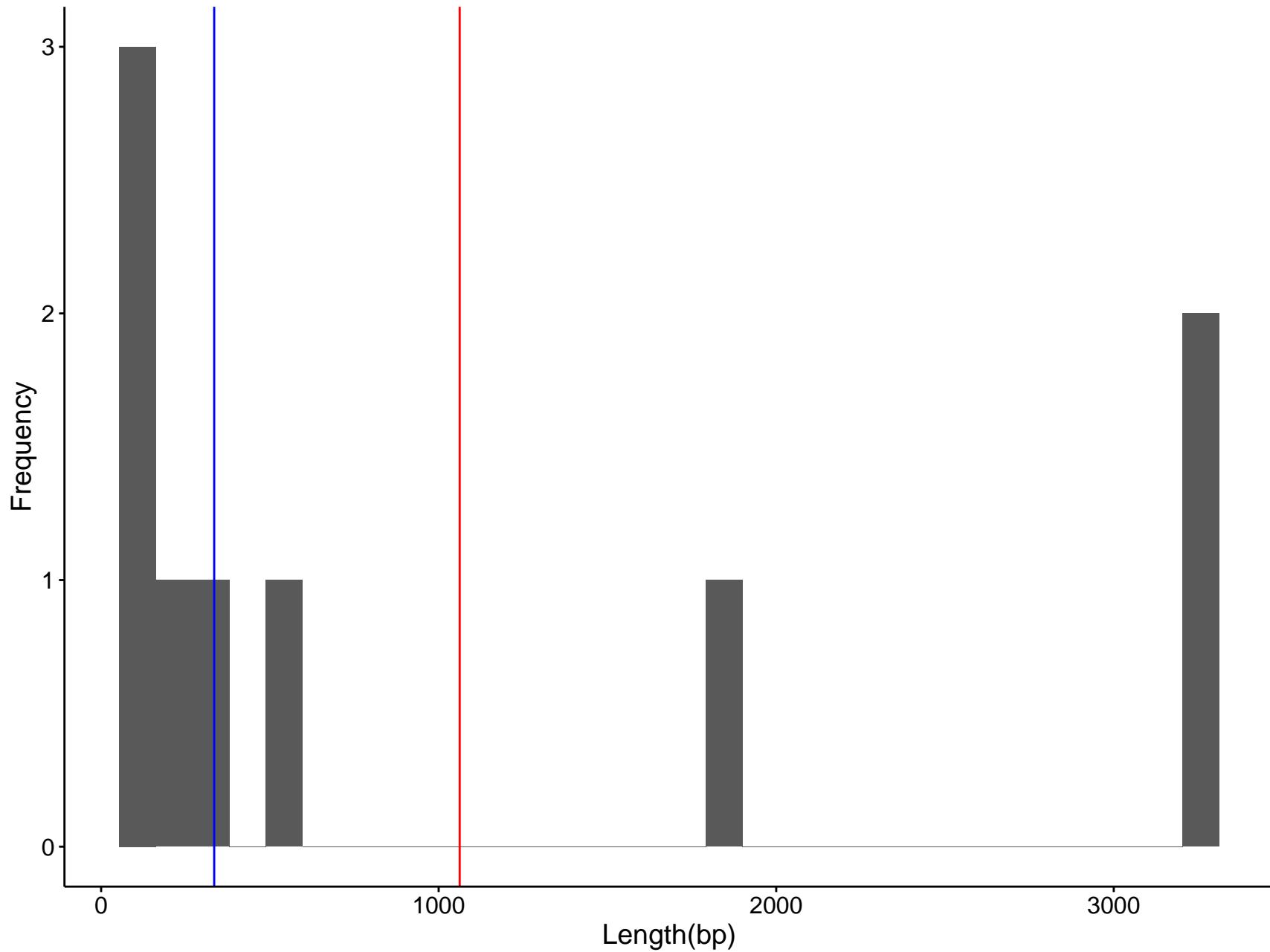
2323.



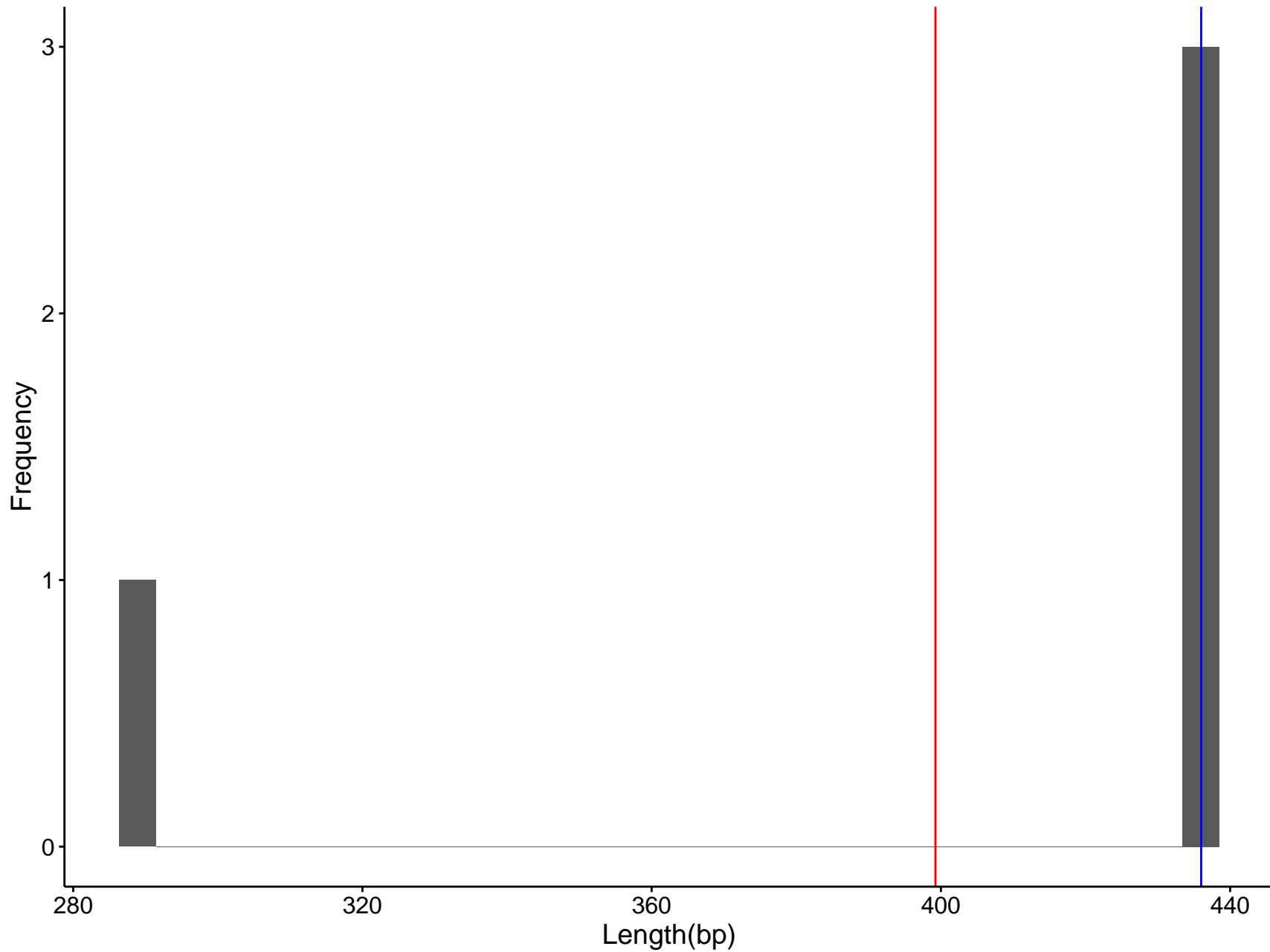
Cluster44



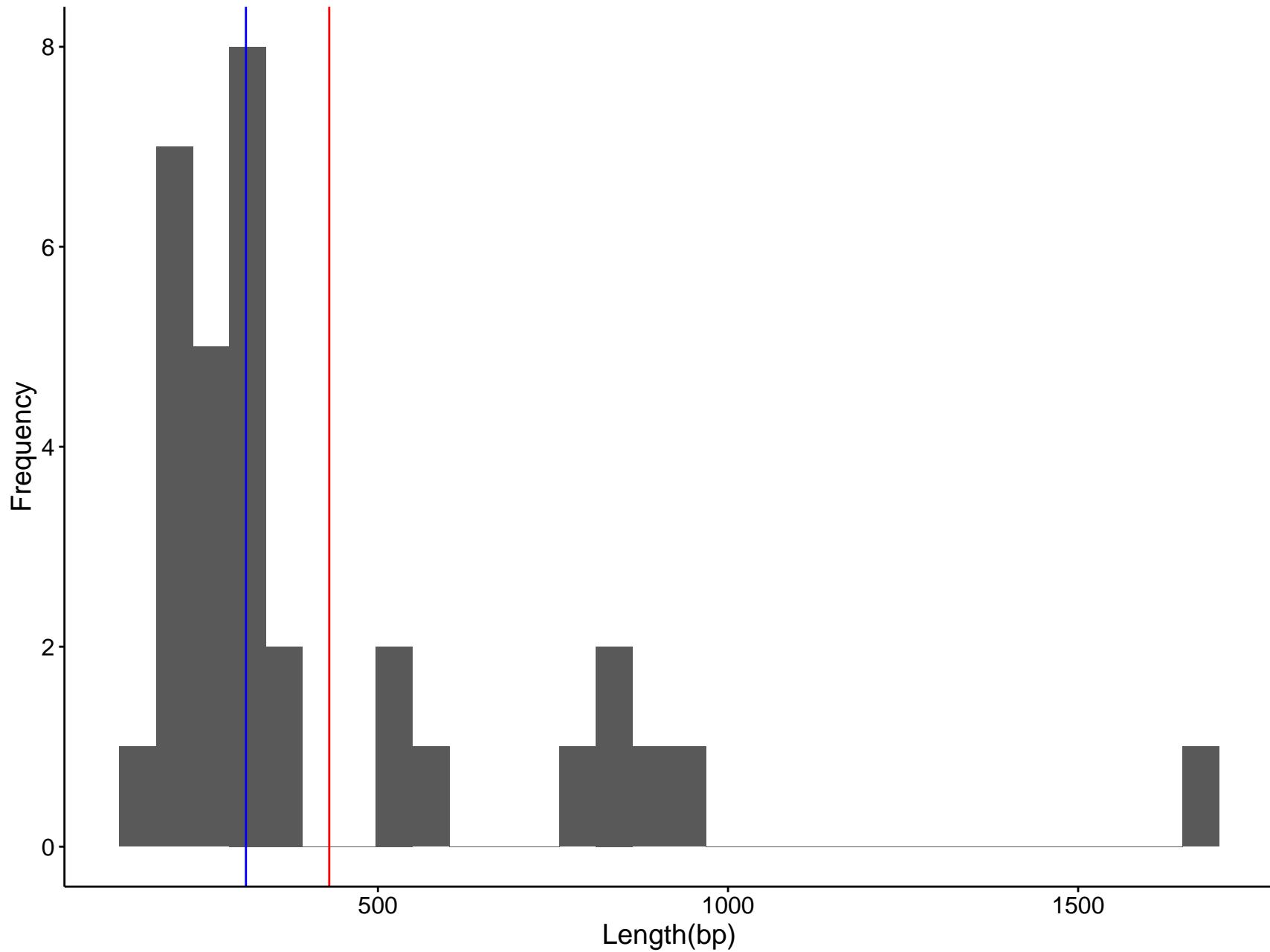
Cluster450



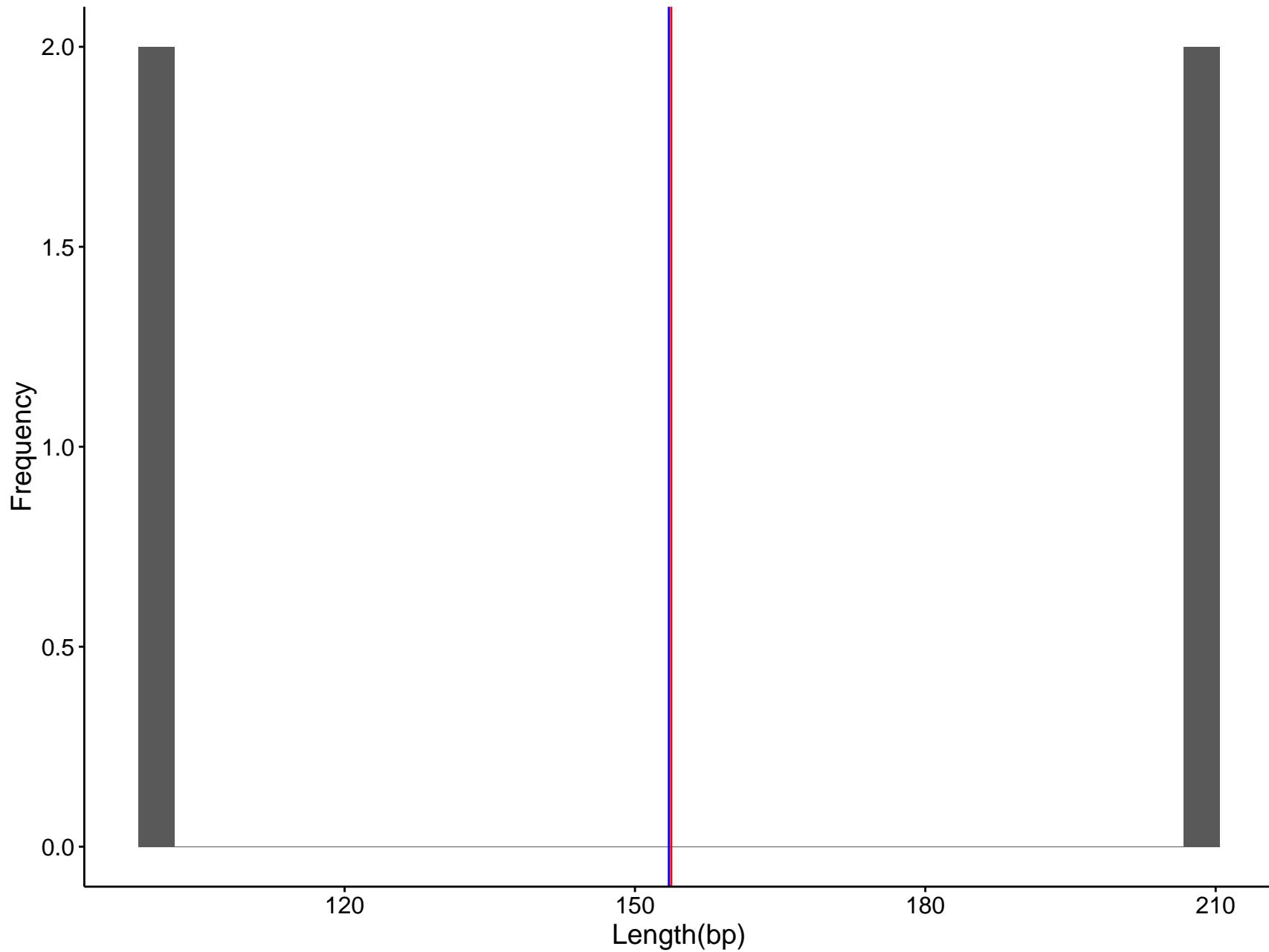
Cluster453



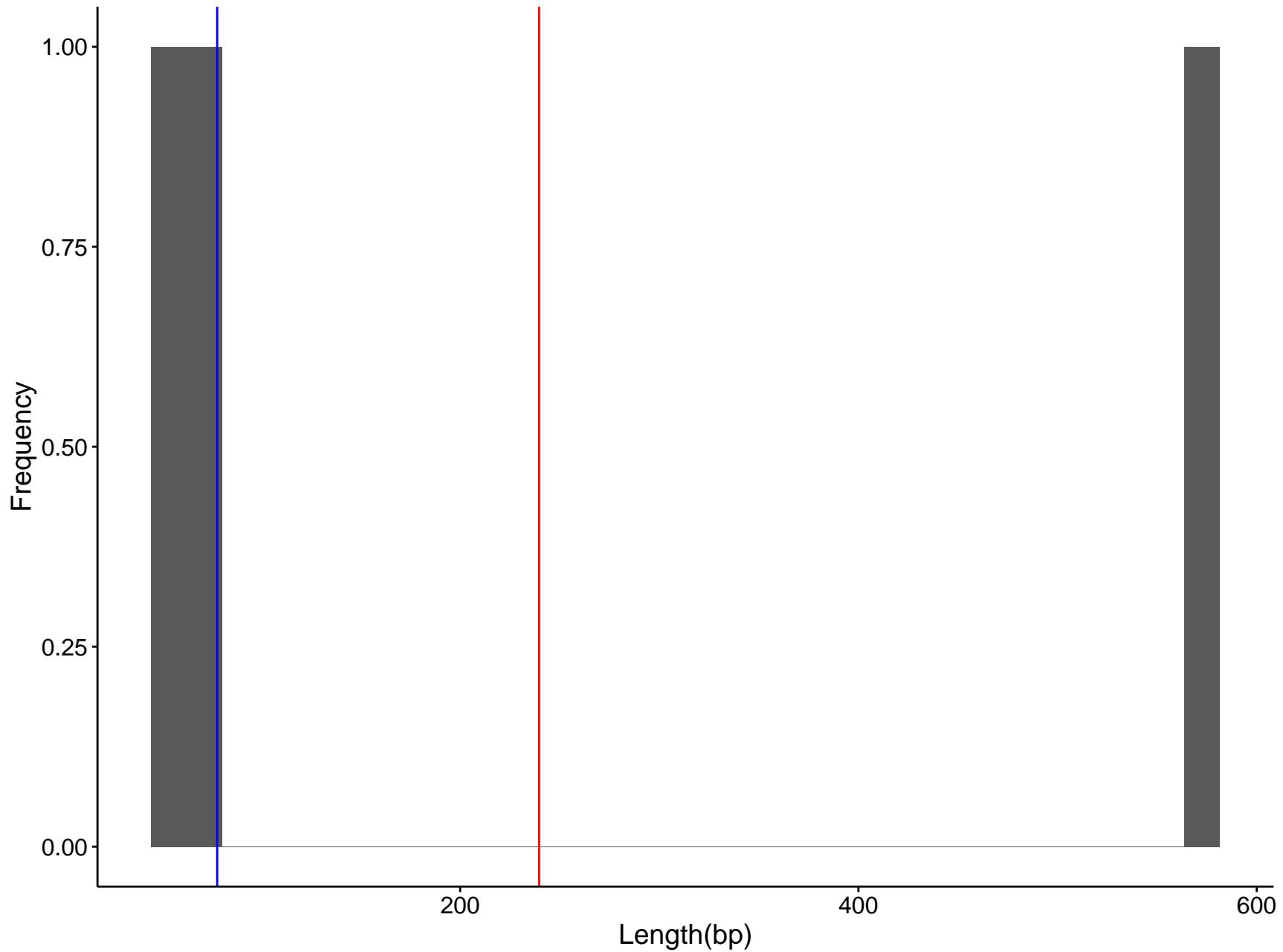
Cluster454



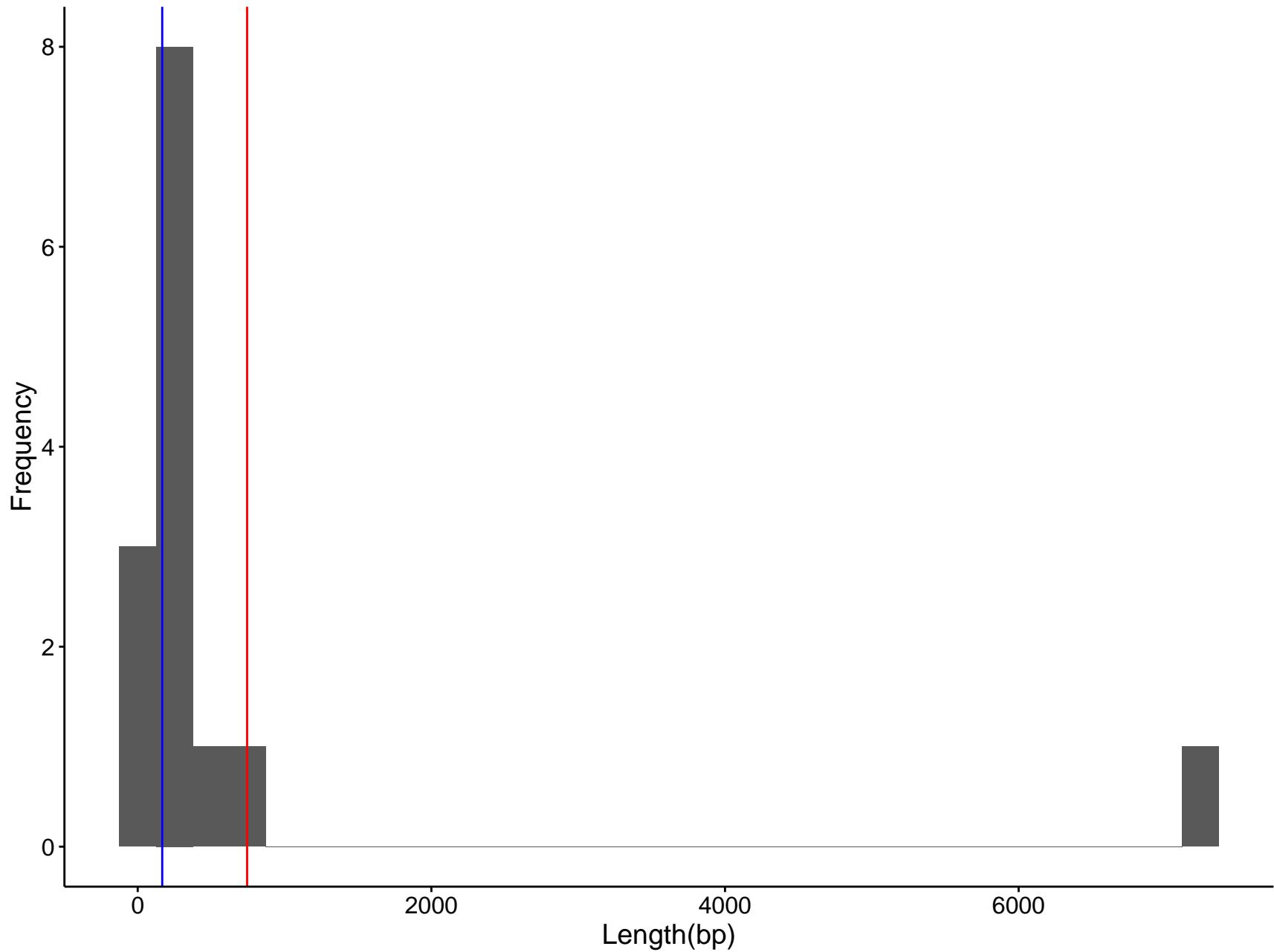
Cluster455



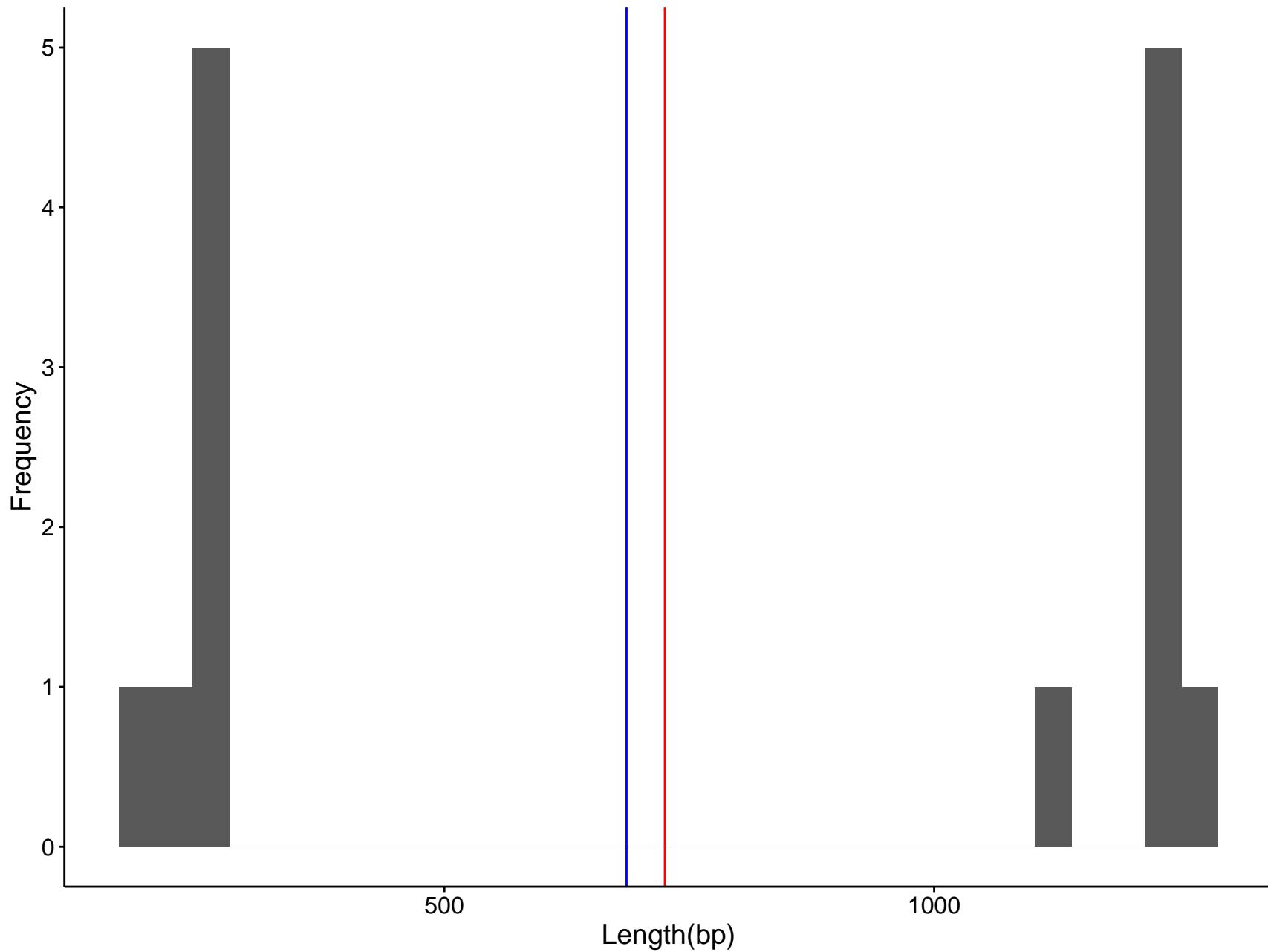
Cluster457



Cluster458



Cluster45



Cluster460

Frequency

81.950

81.975

82.000

82.025

82.0

Length(bp)



Cluster461

Frequency

57.950

57.975

58.000

58.025

Length(bp)



Cluster463

Frequency

753.950

753.975

754.000

754.025

Length(bp)



Cluster464

Frequency

40.950

40.975

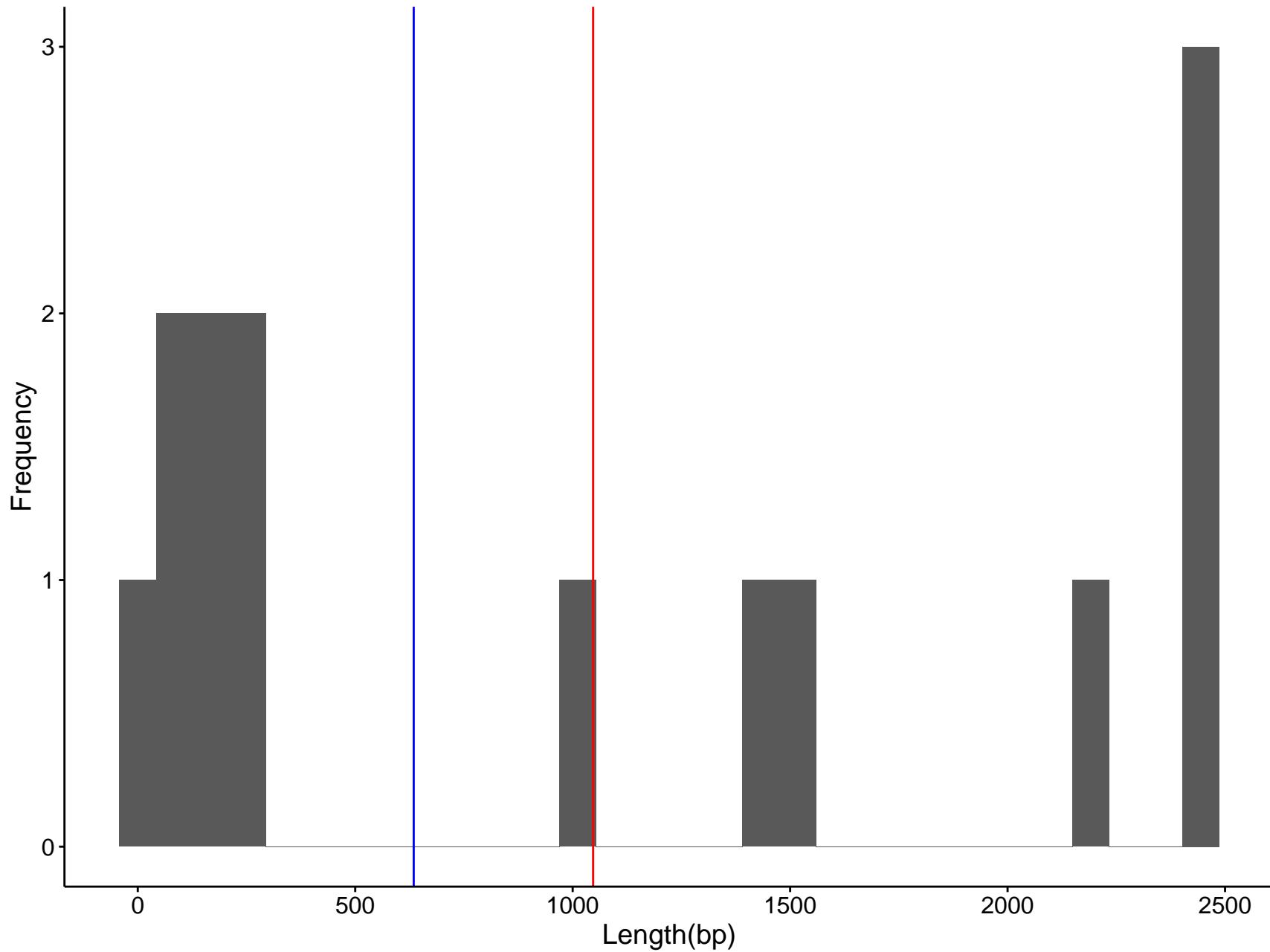
41.000

41.025

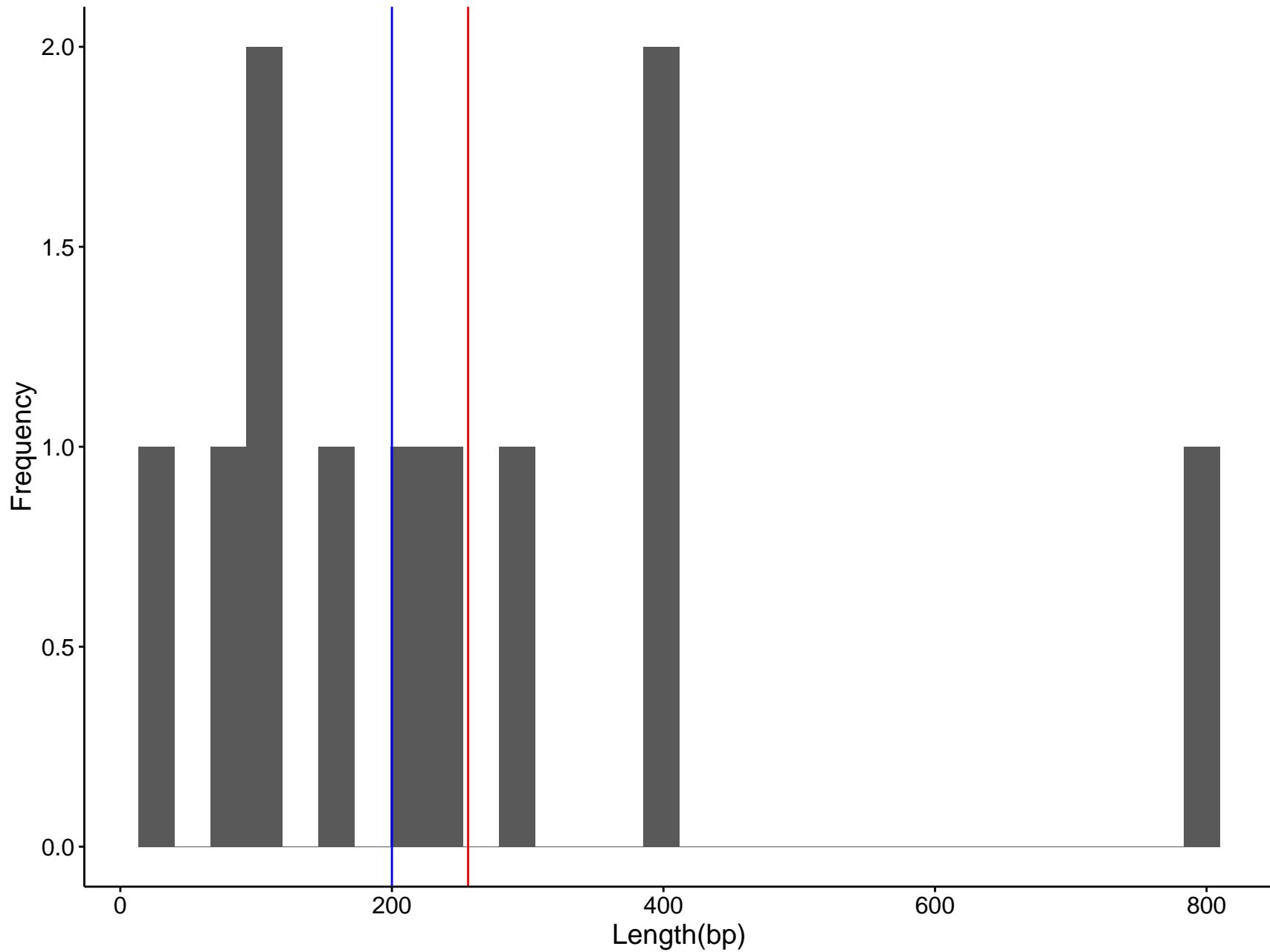
Length(bp)



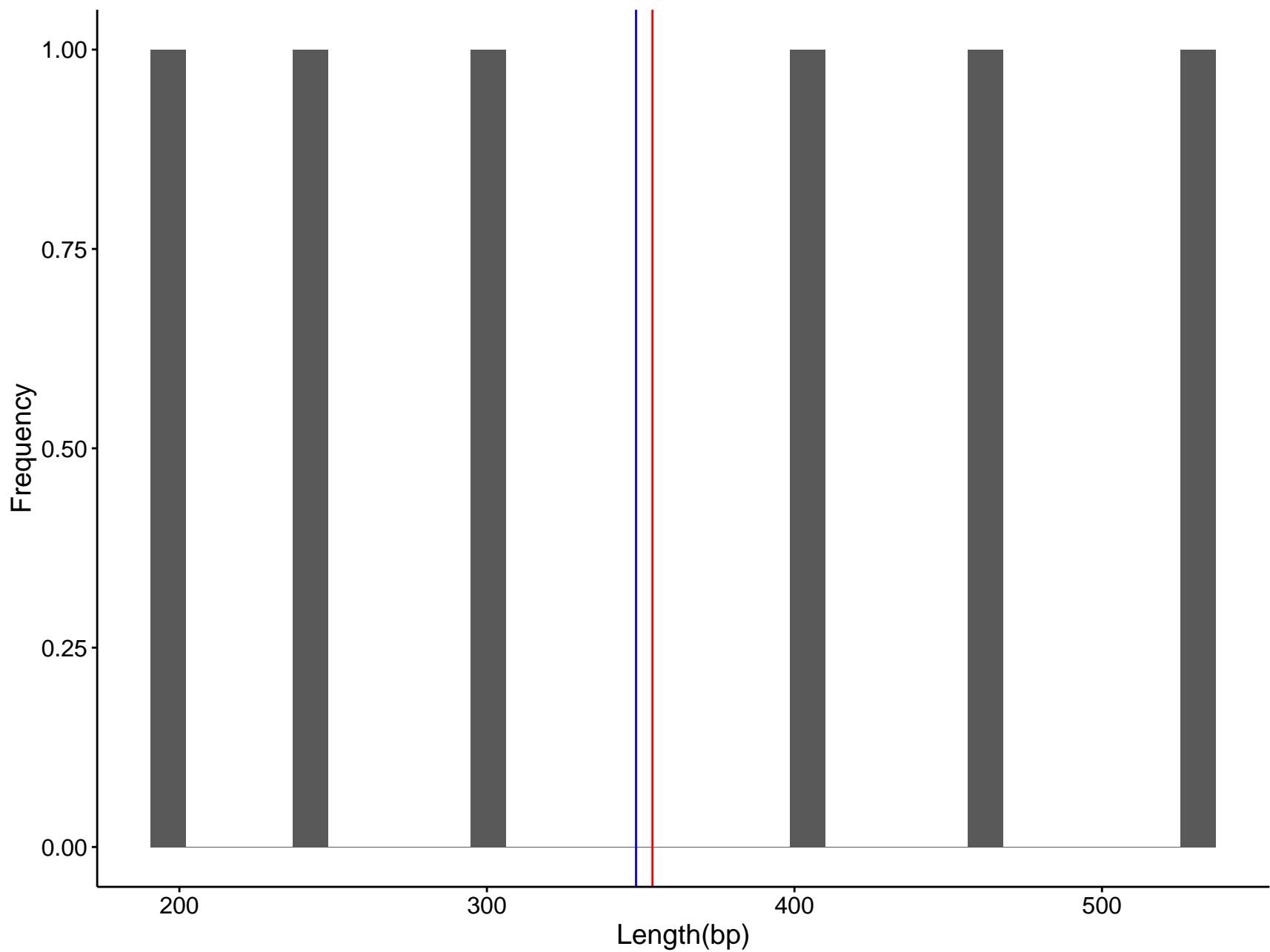
Cluster466



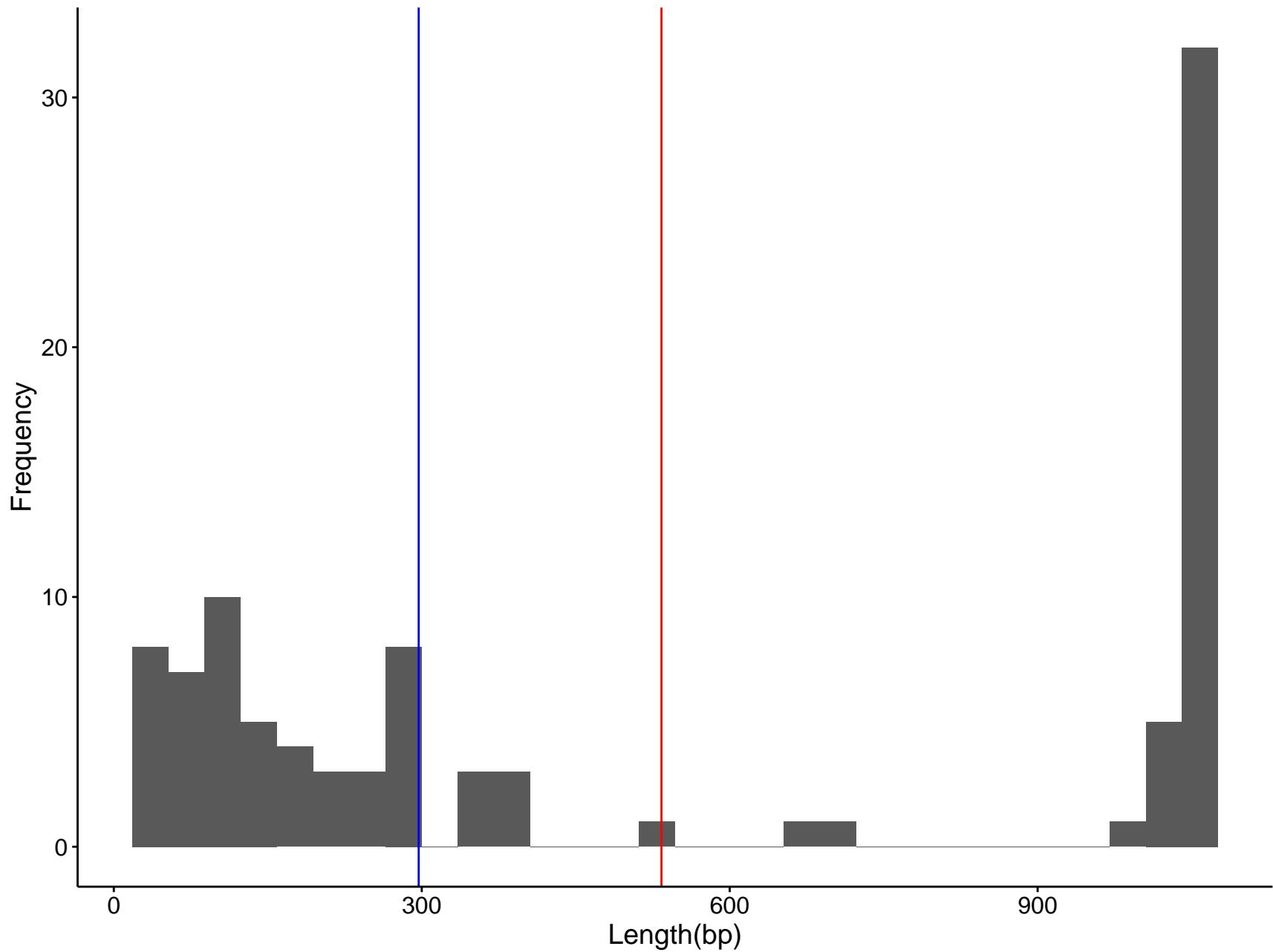
Cluster467



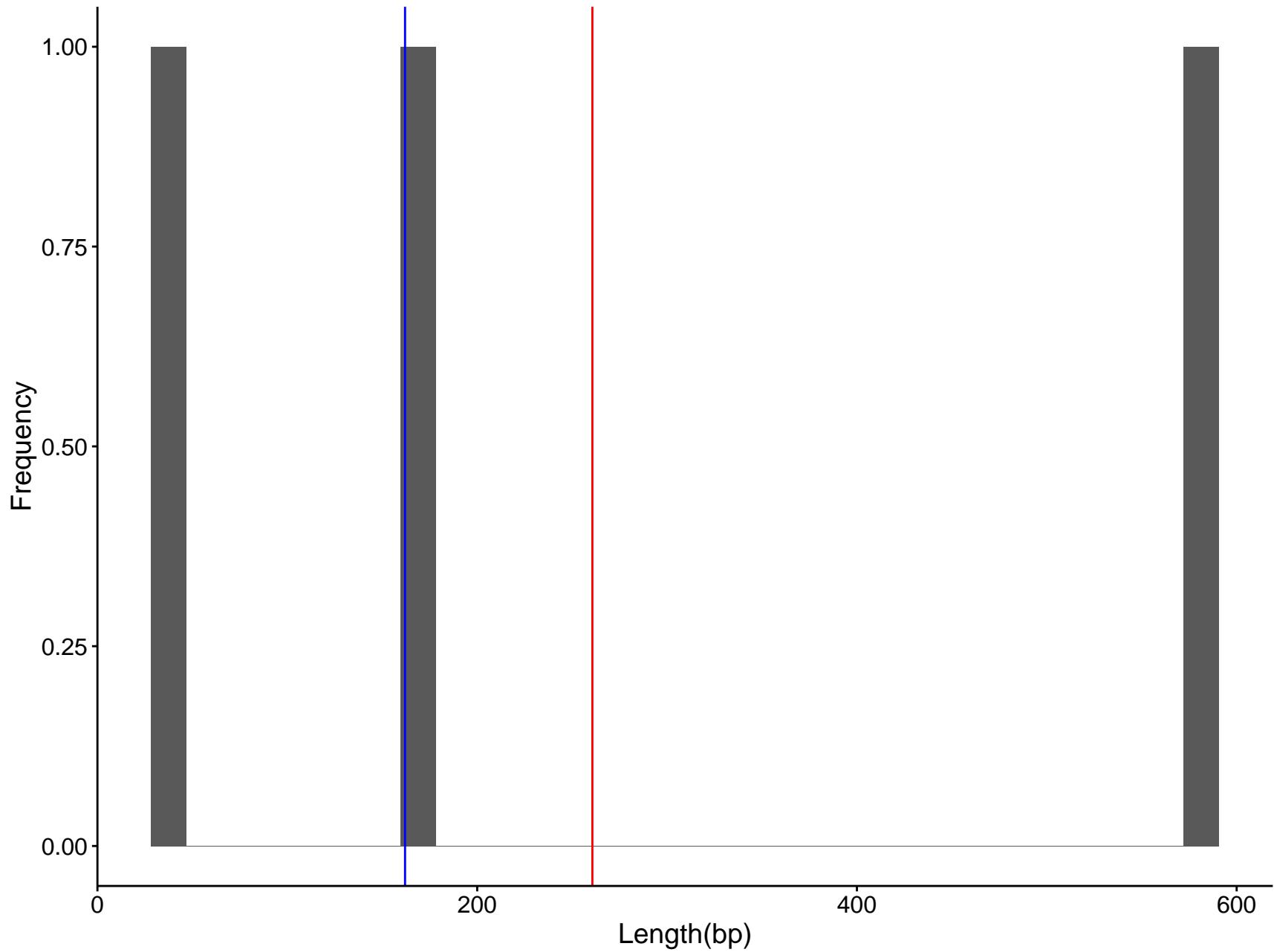
Cluster469



Cluster46



Cluster471



Cluster473

Frequency

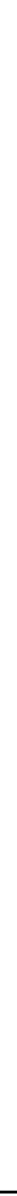
529.950

529.975

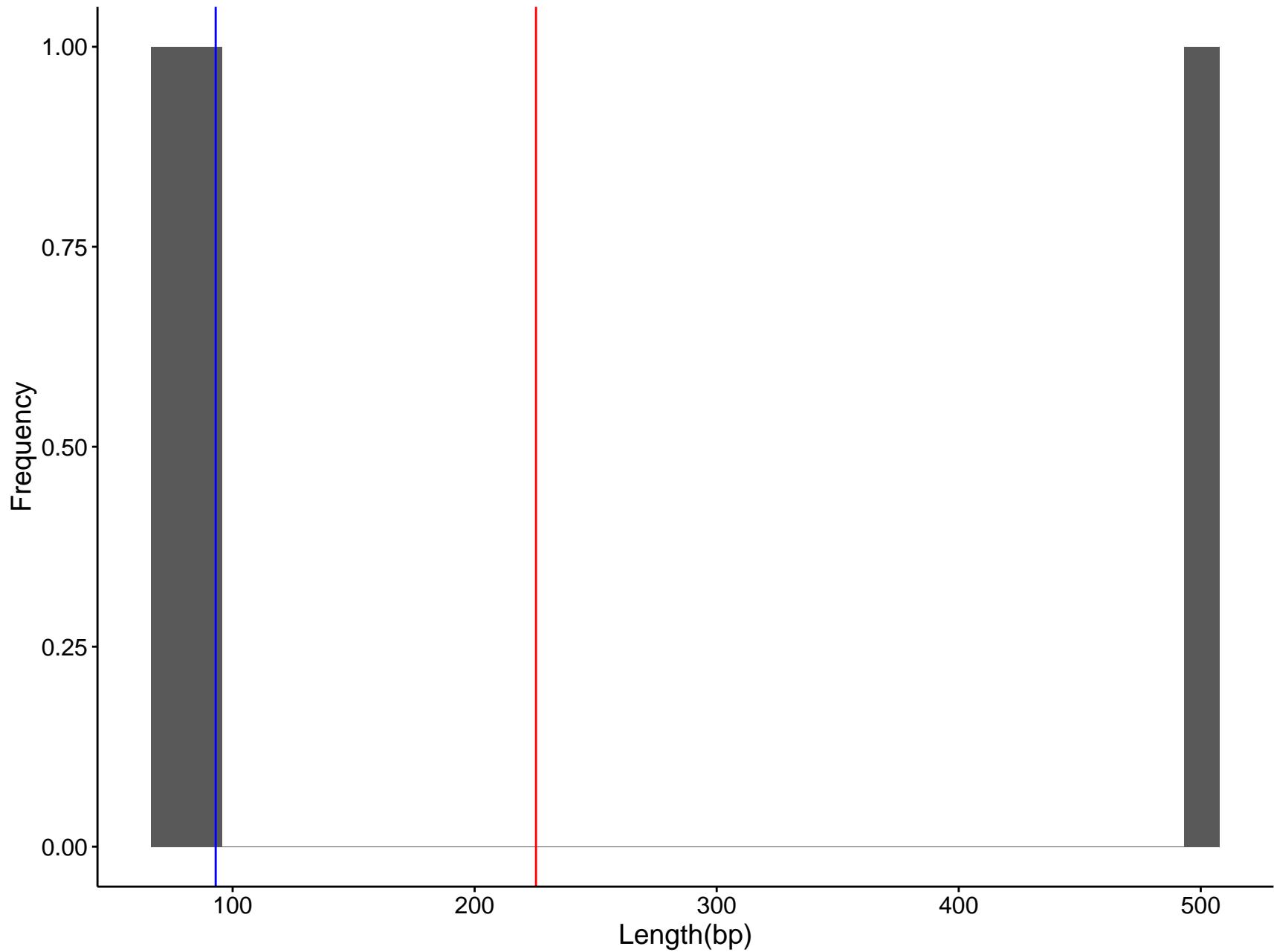
530.000

530.025

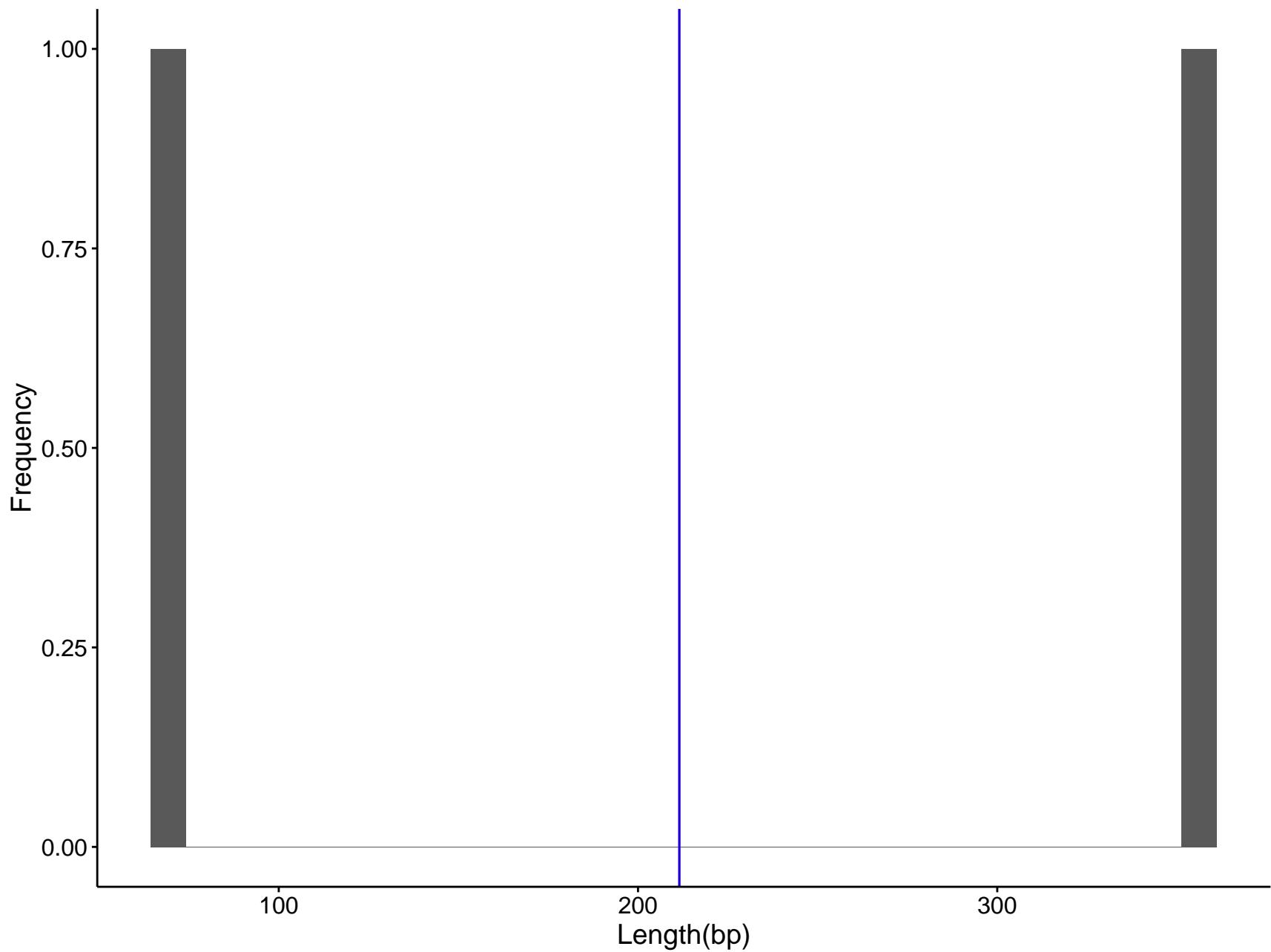
Length(bp)



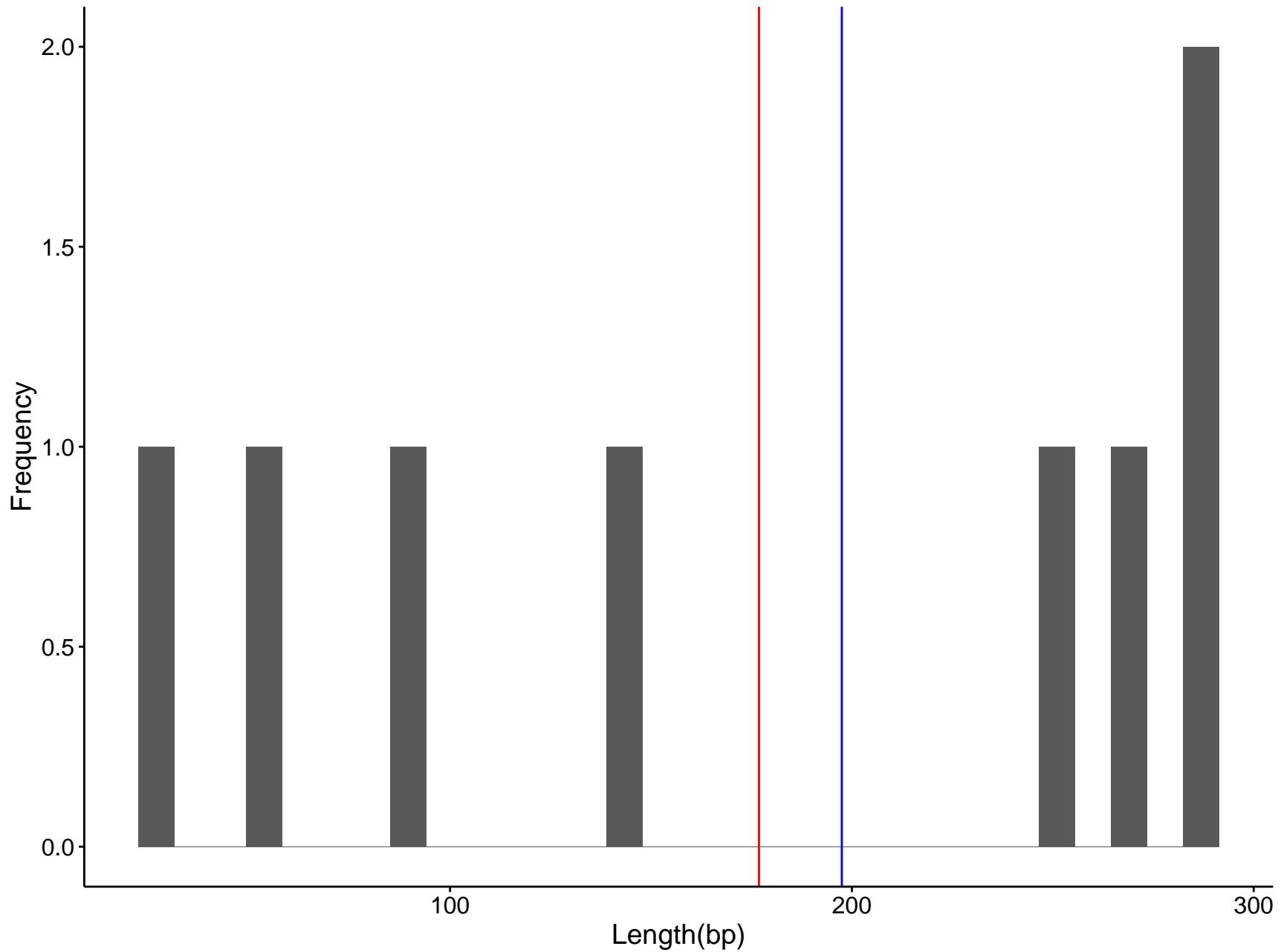
Cluster476



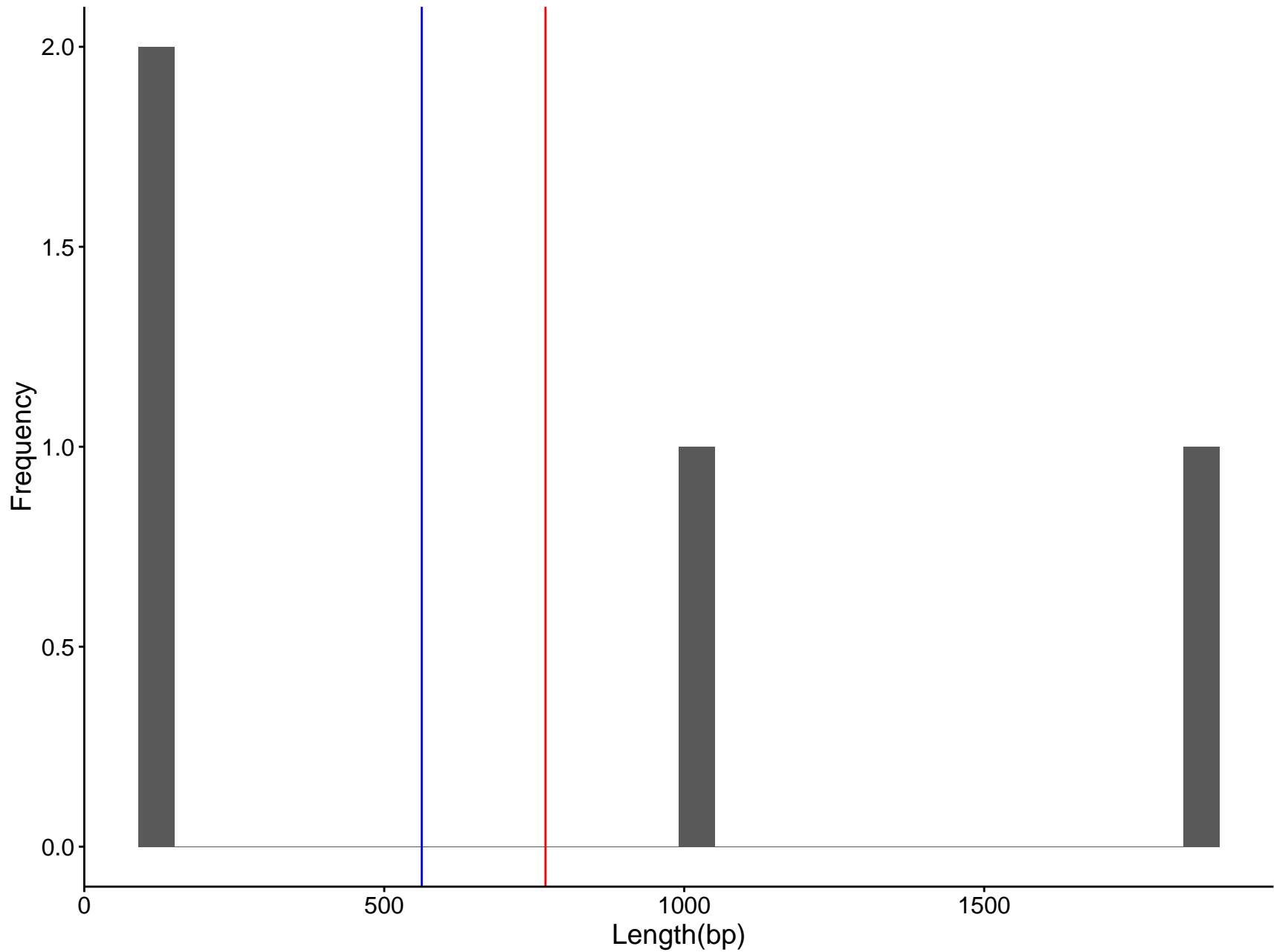
Cluster479



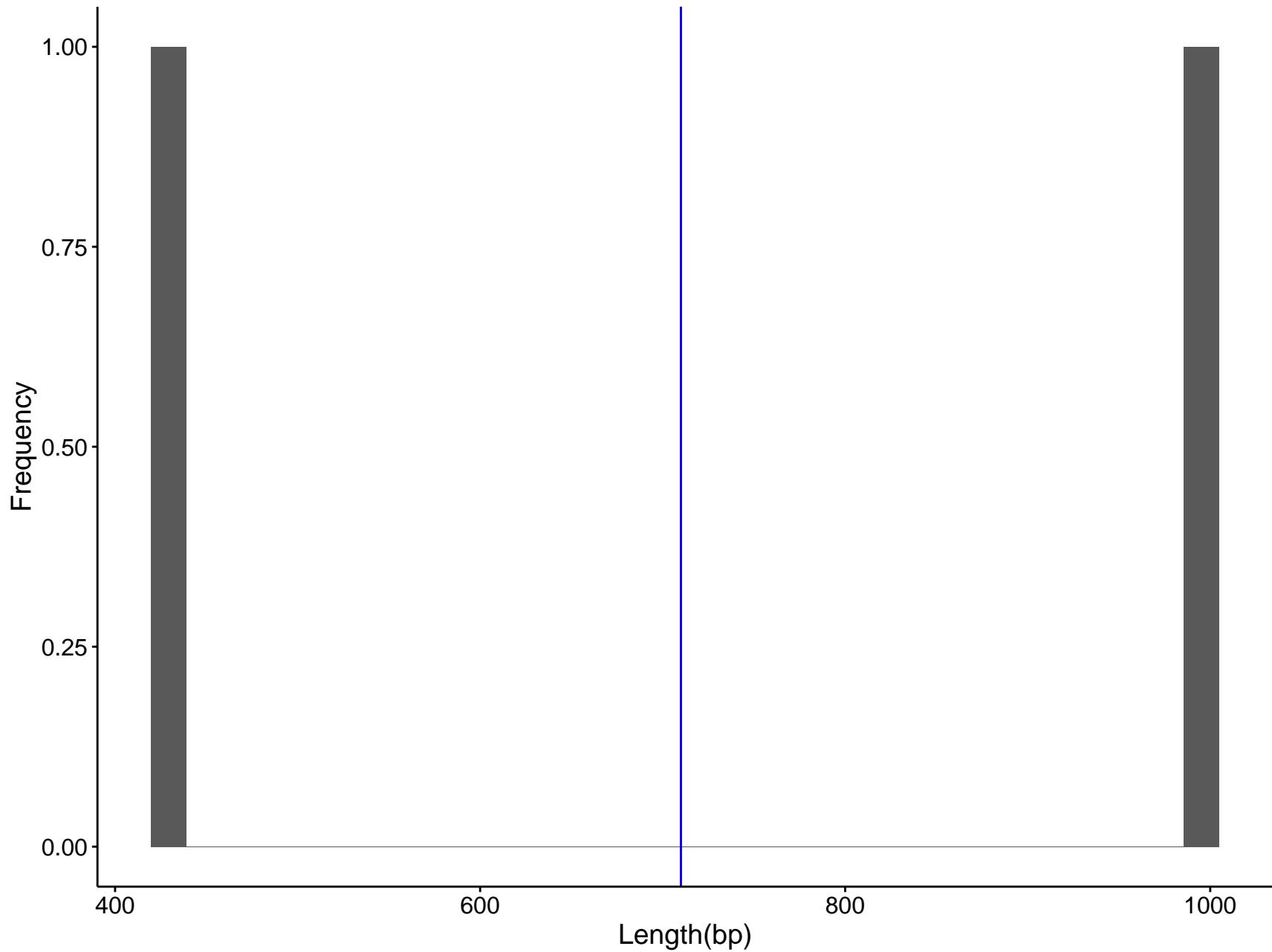
Cluster47



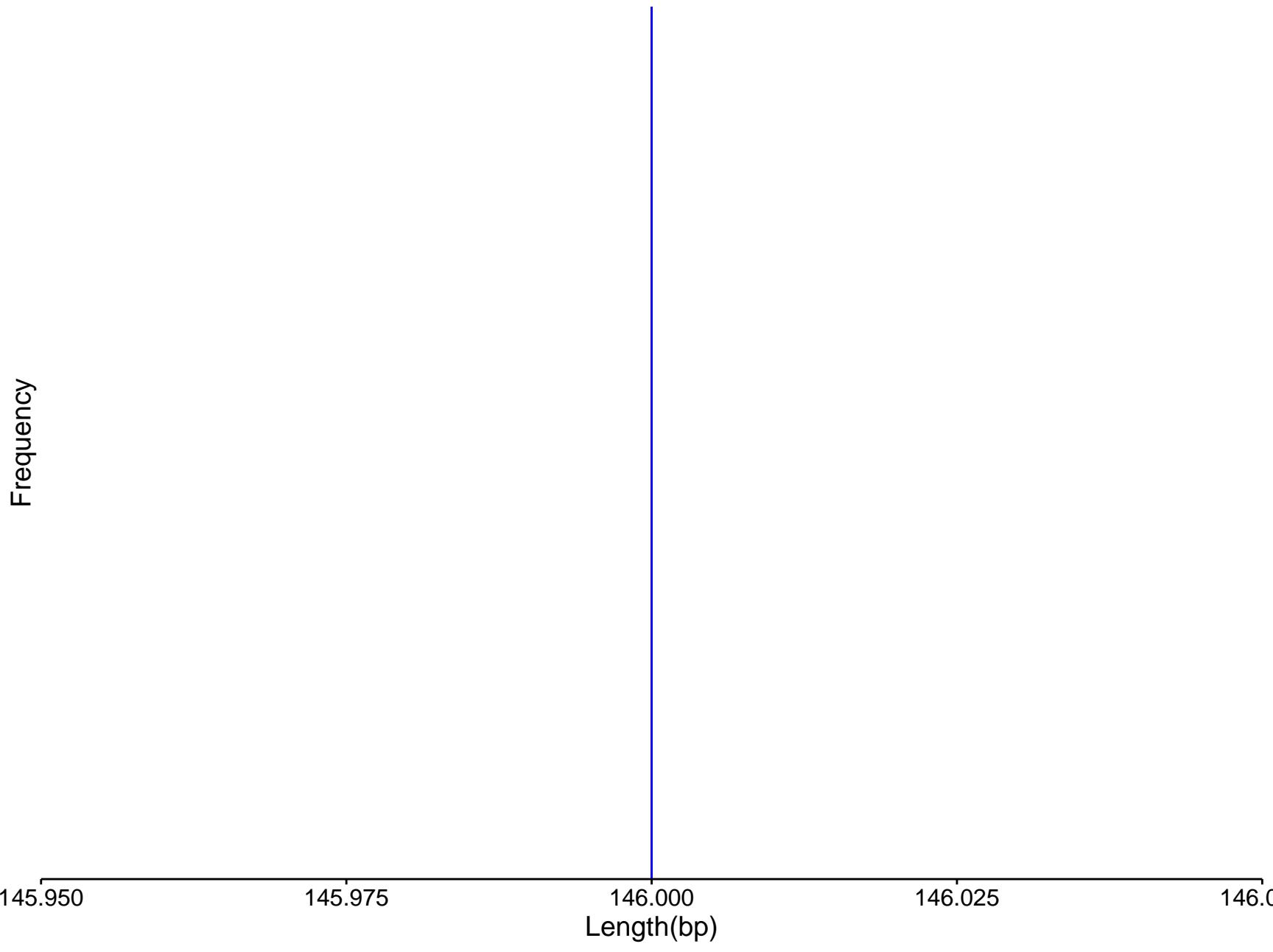
Cluster481



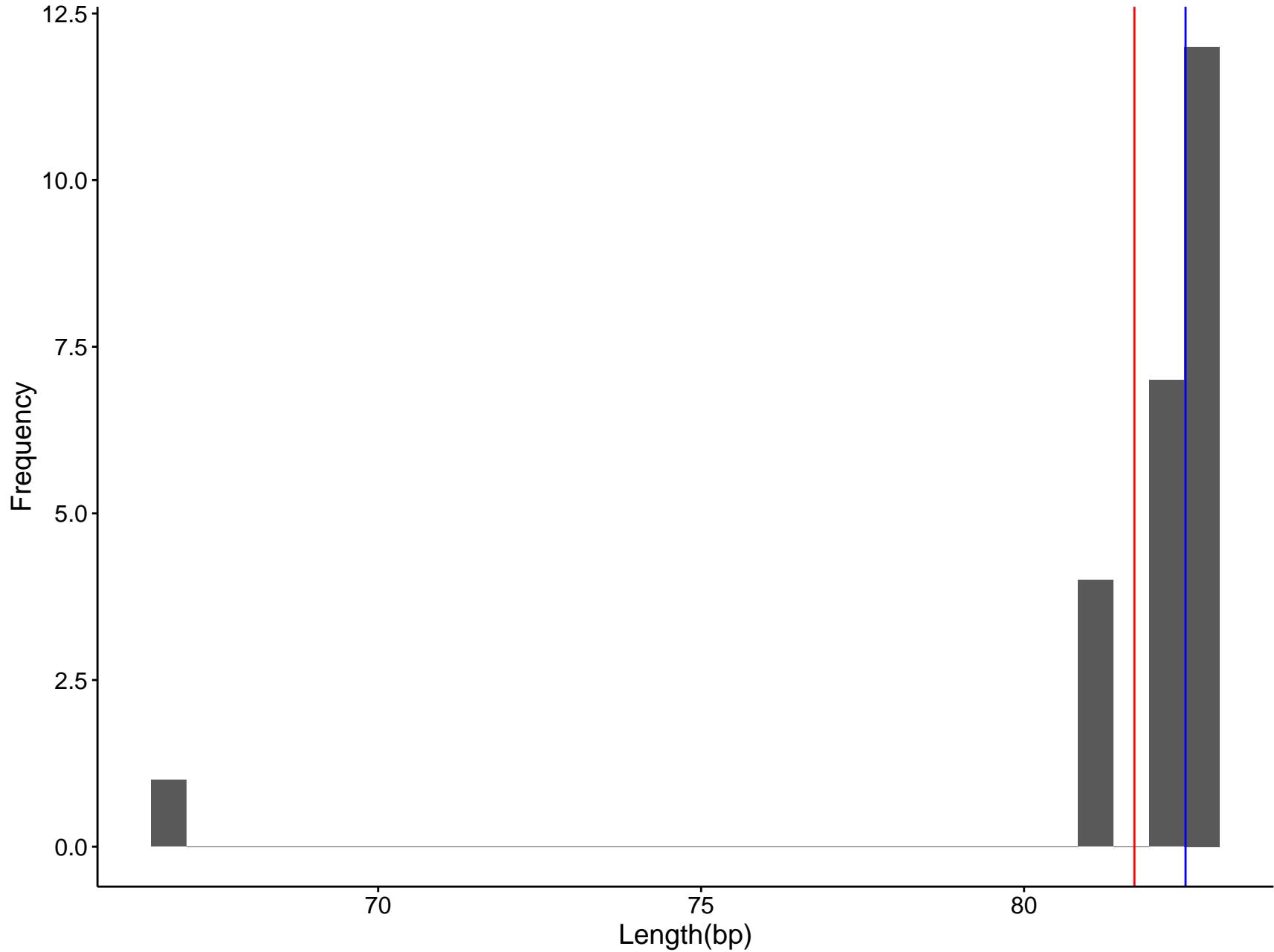
Cluster485



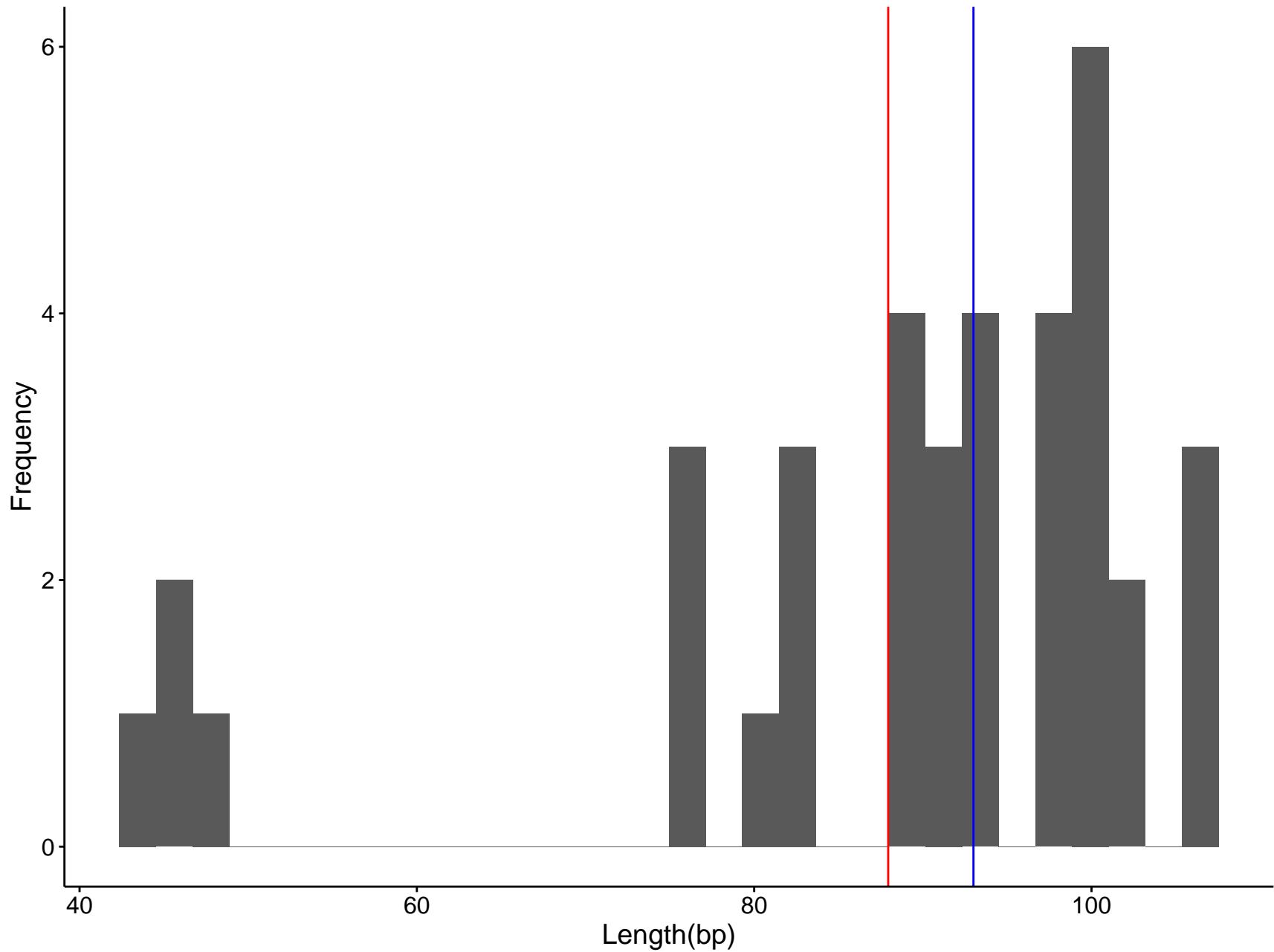
Cluster486



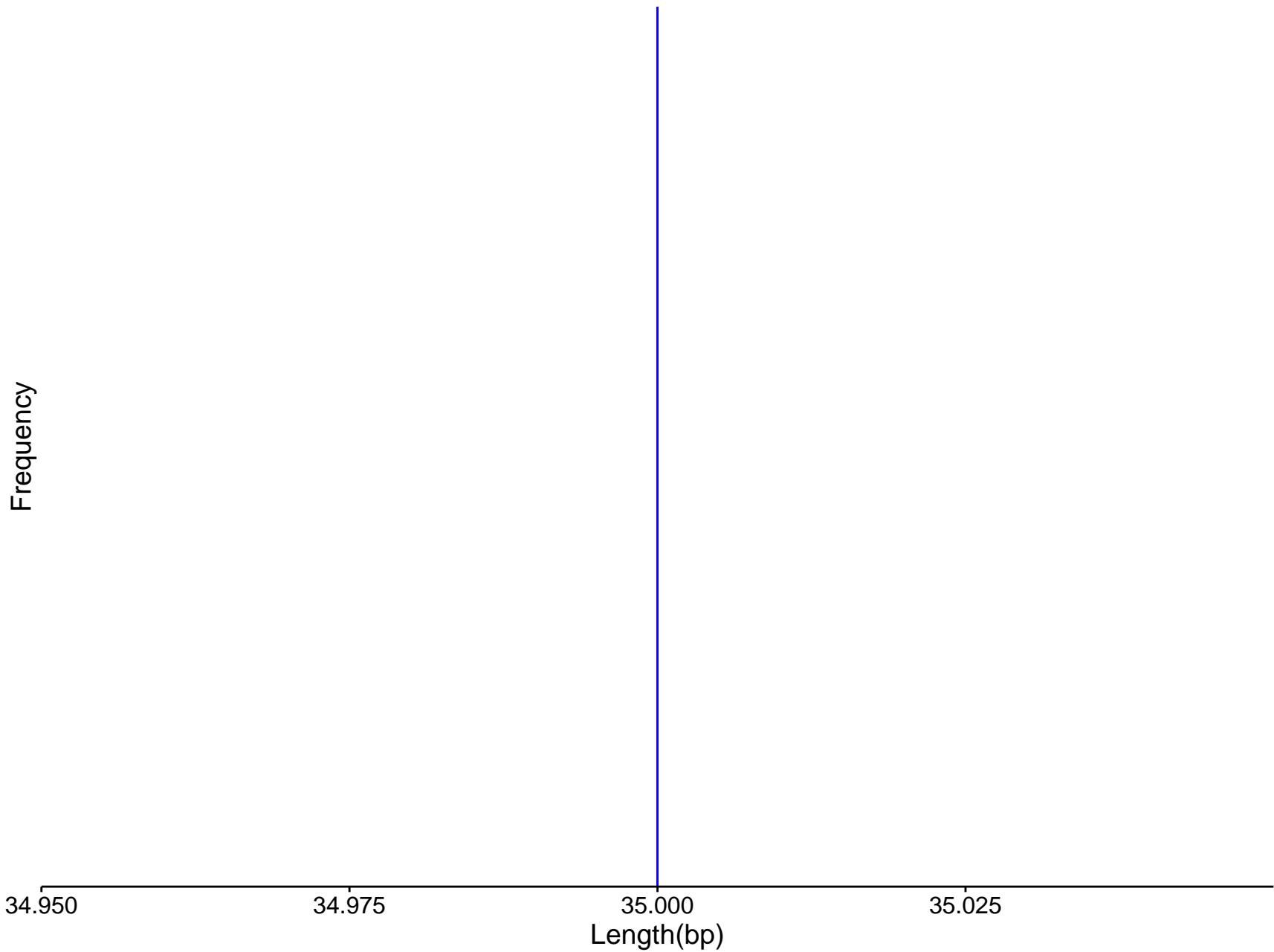
Cluster487



Cluster488



Cluster48



Cluster490

Frequency

78.950

78.975

79.000

79.025

79.0

Length(bp)



Cluster491

Frequency

68.950

68.975

69.000

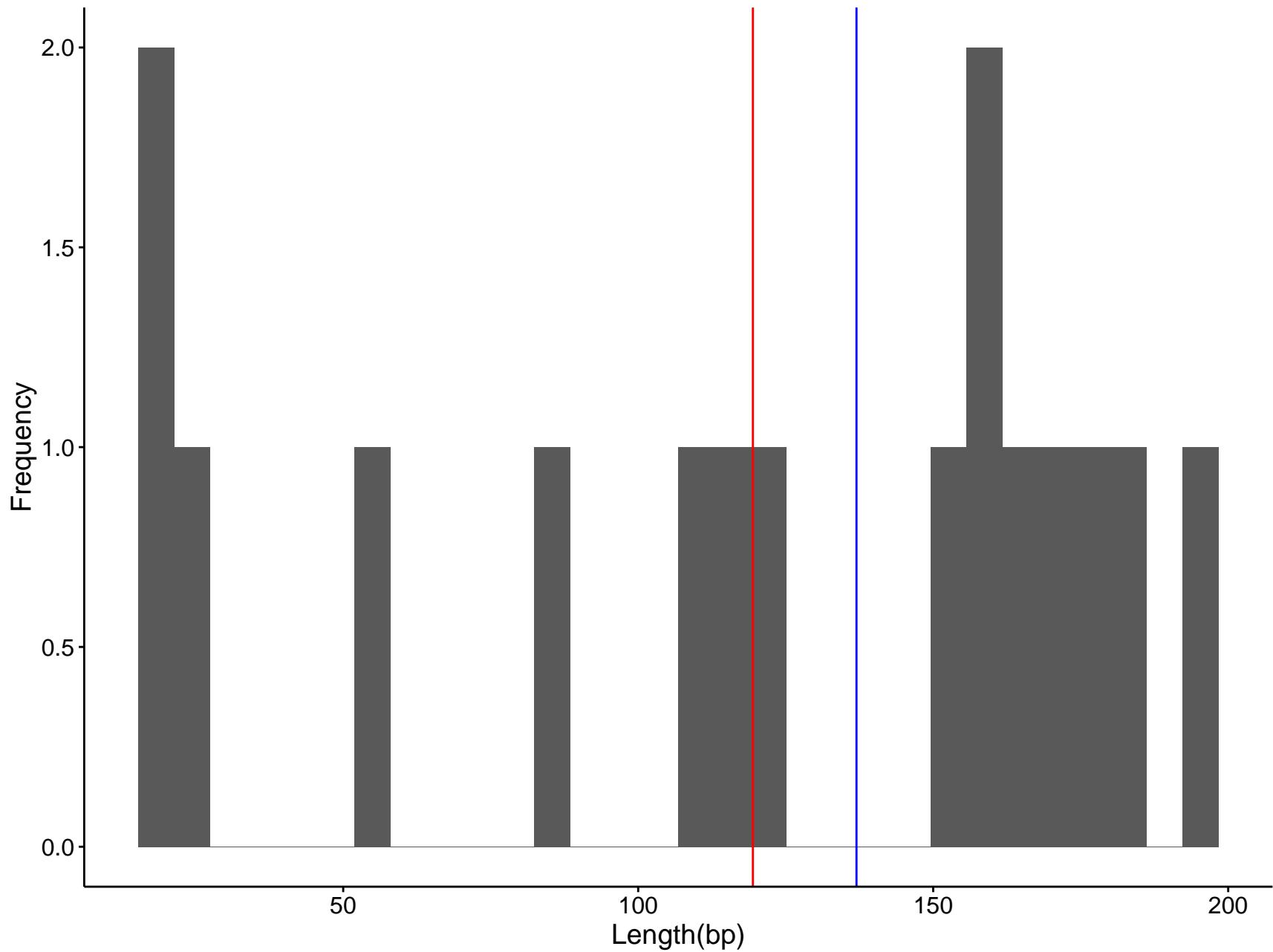
69.025

69.0

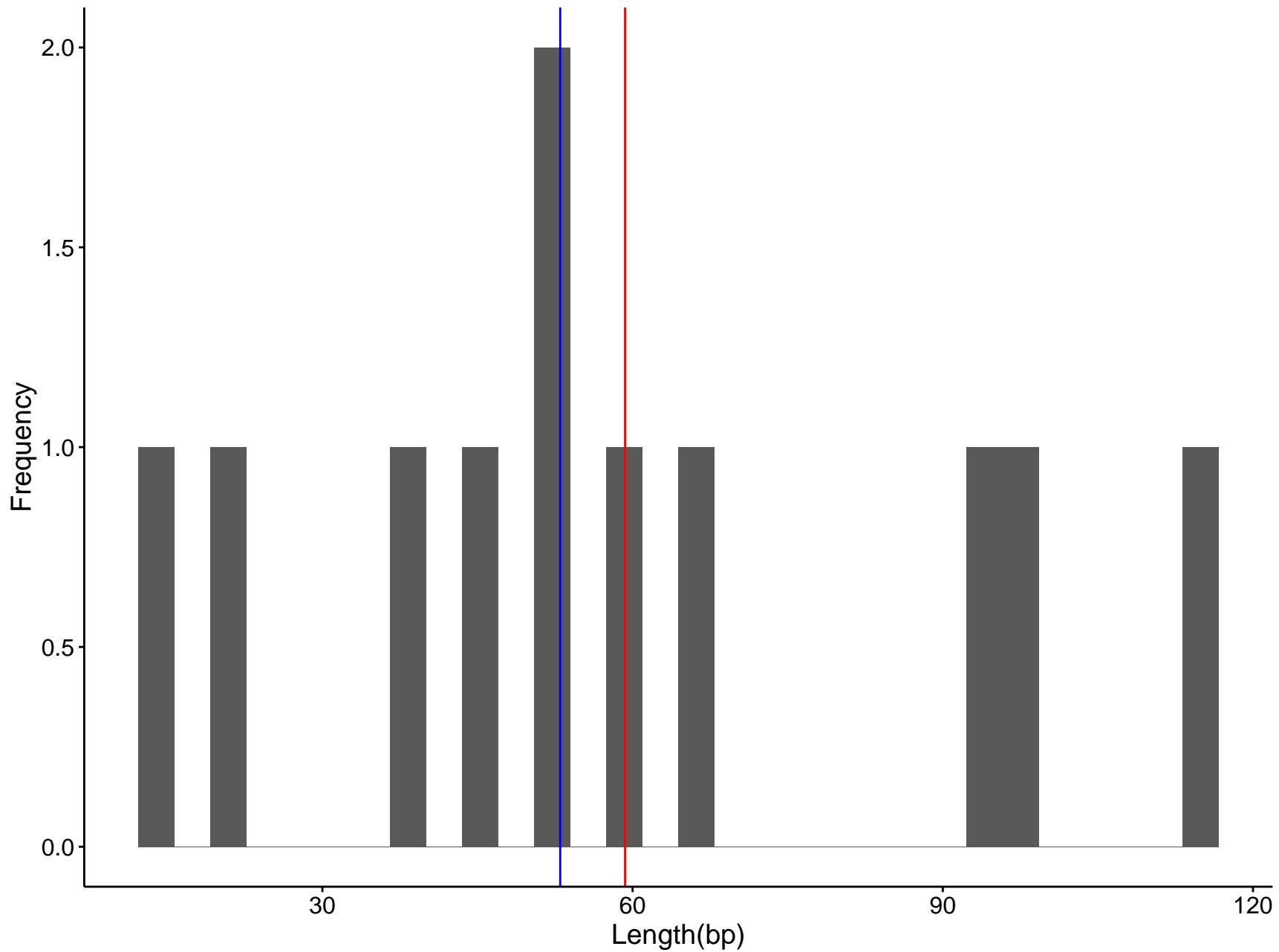
Length(bp)



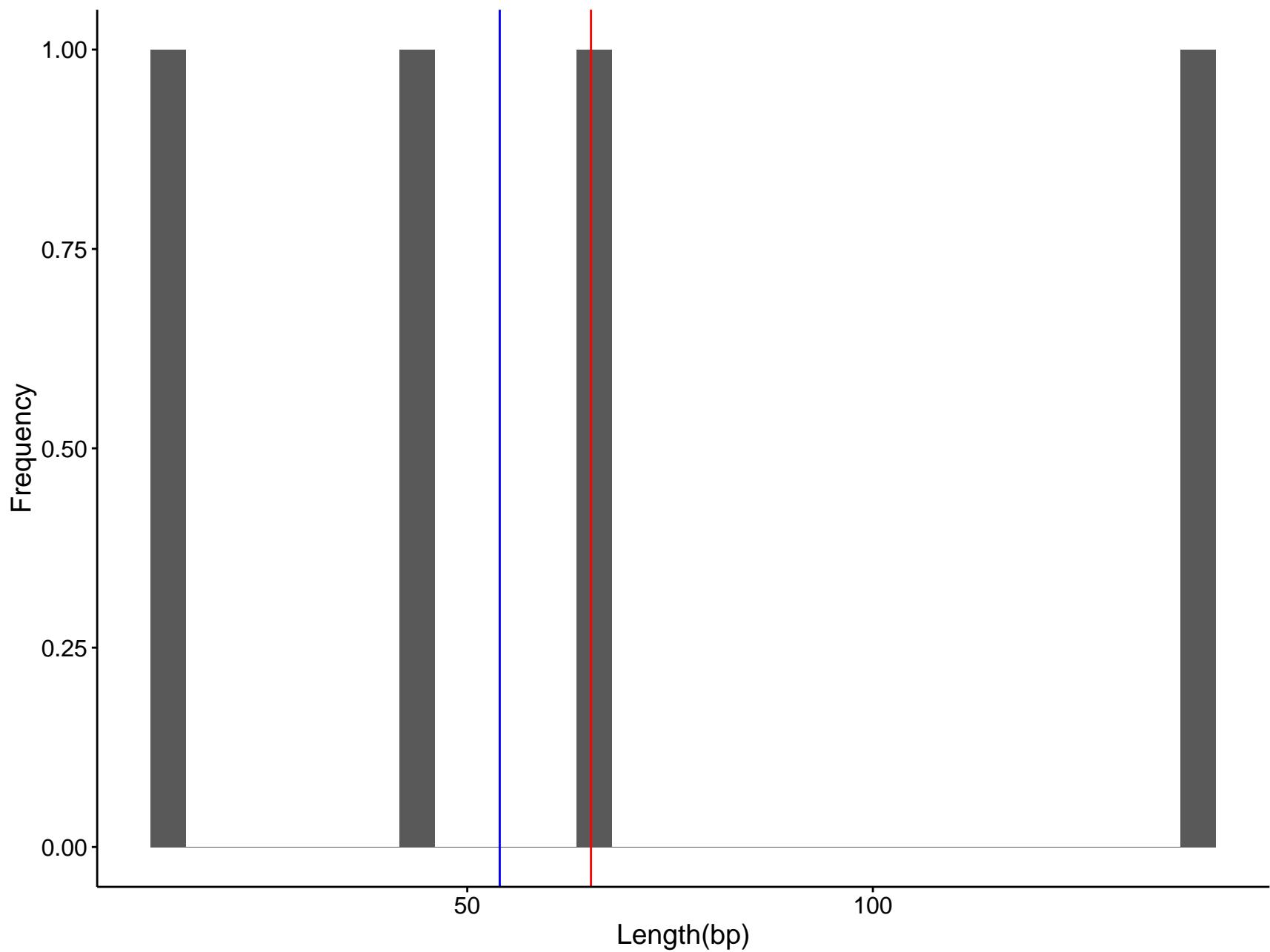
Cluster492



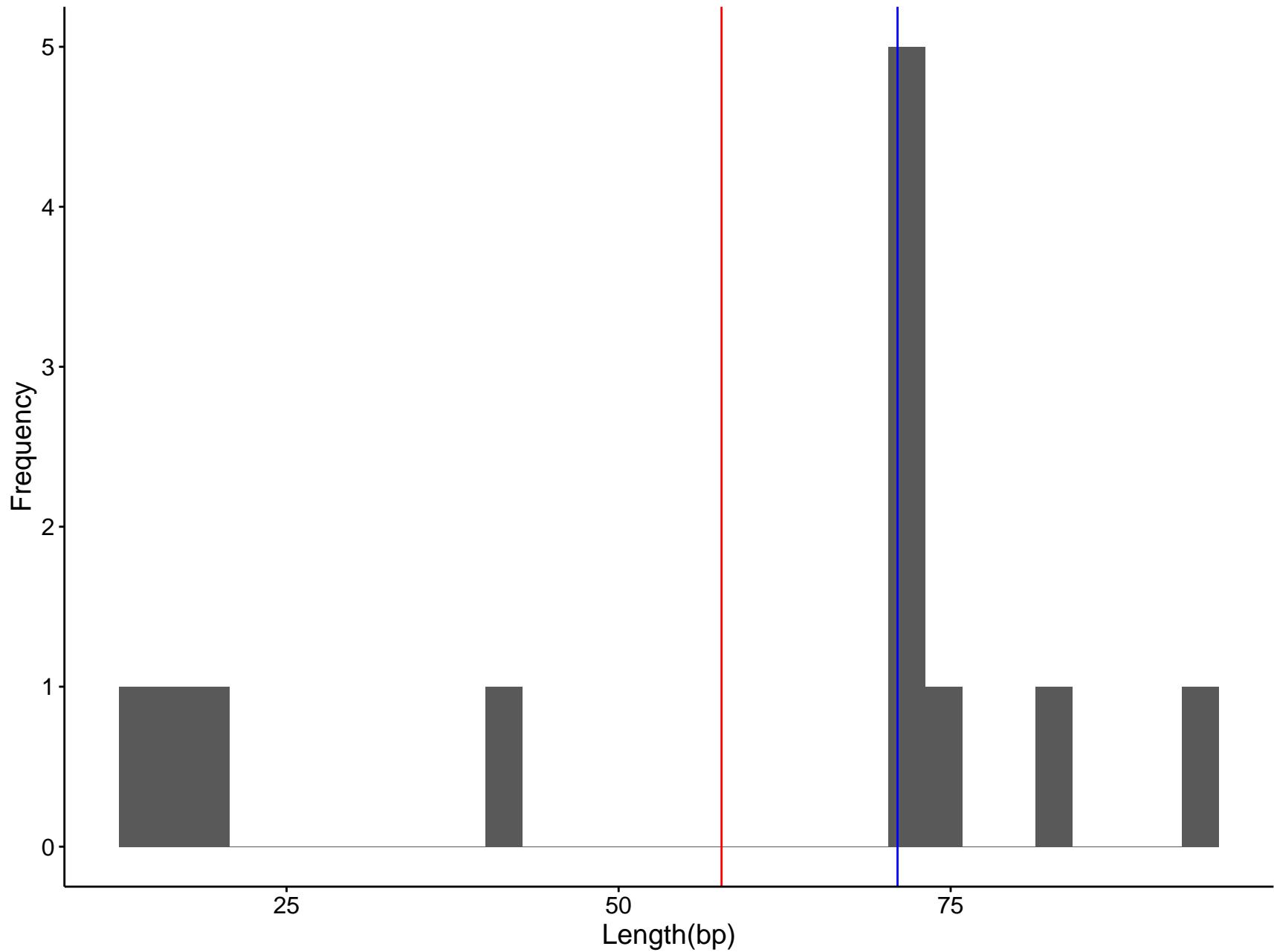
Cluster496



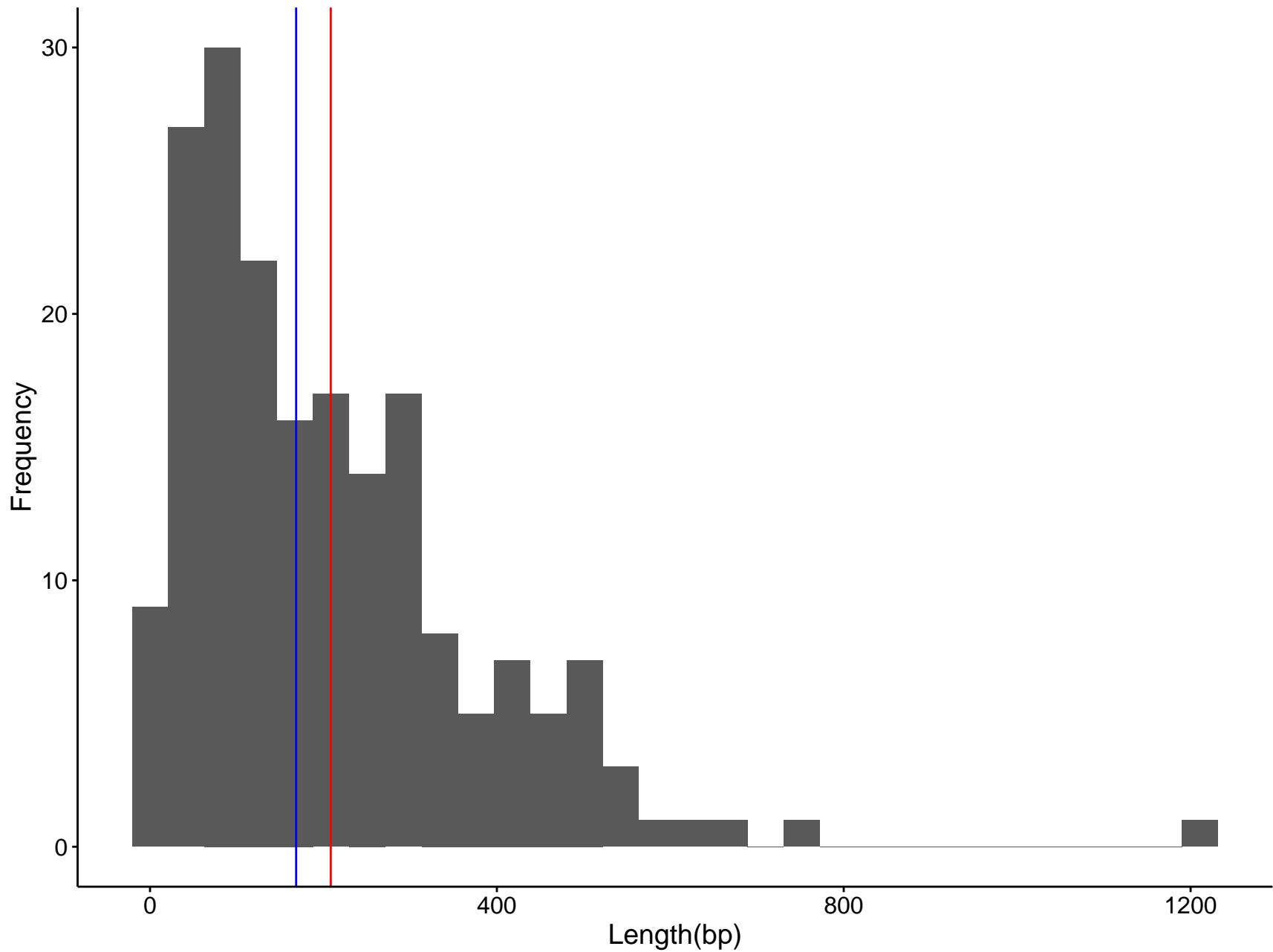
Cluster497



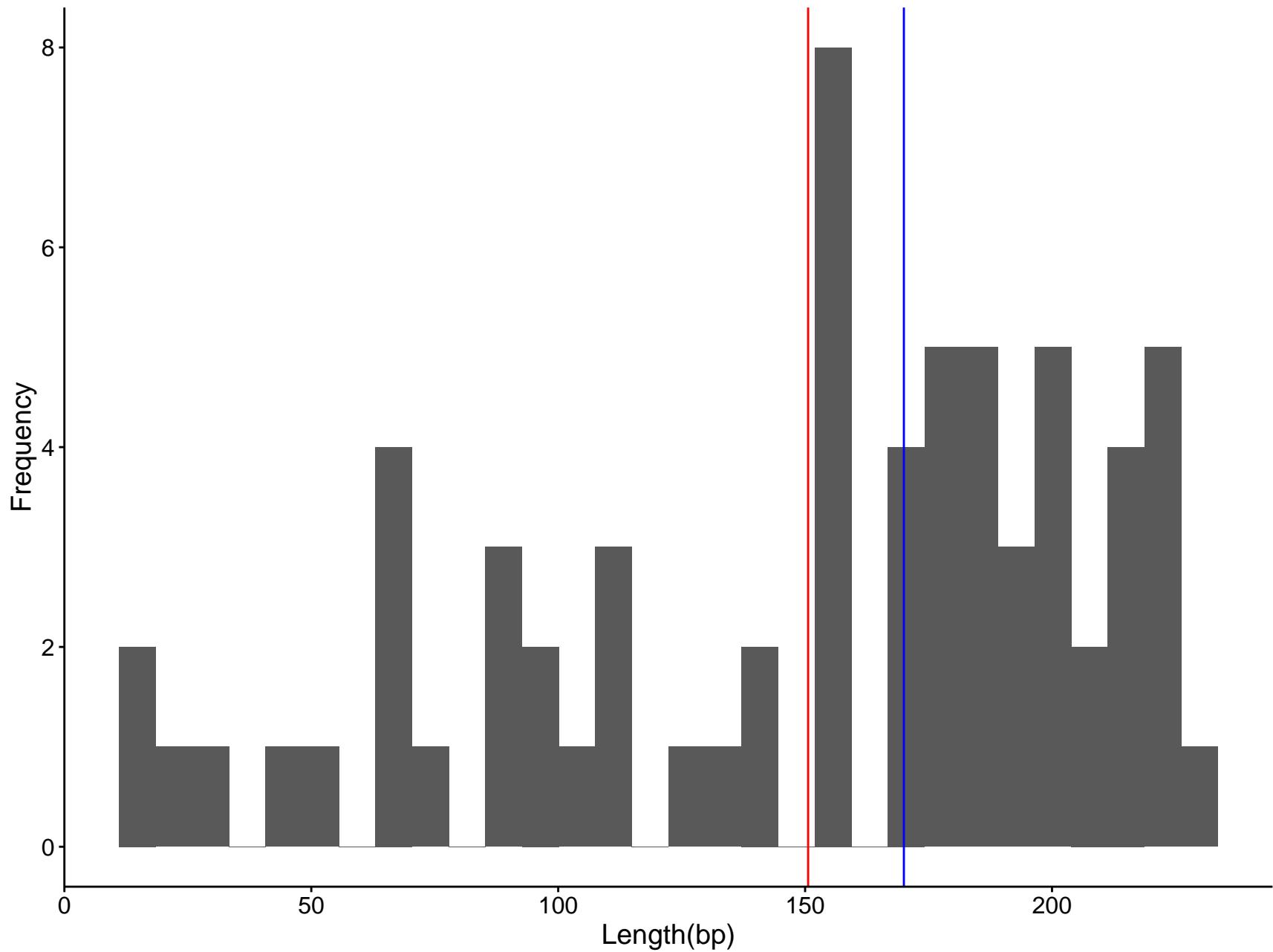
Cluster498



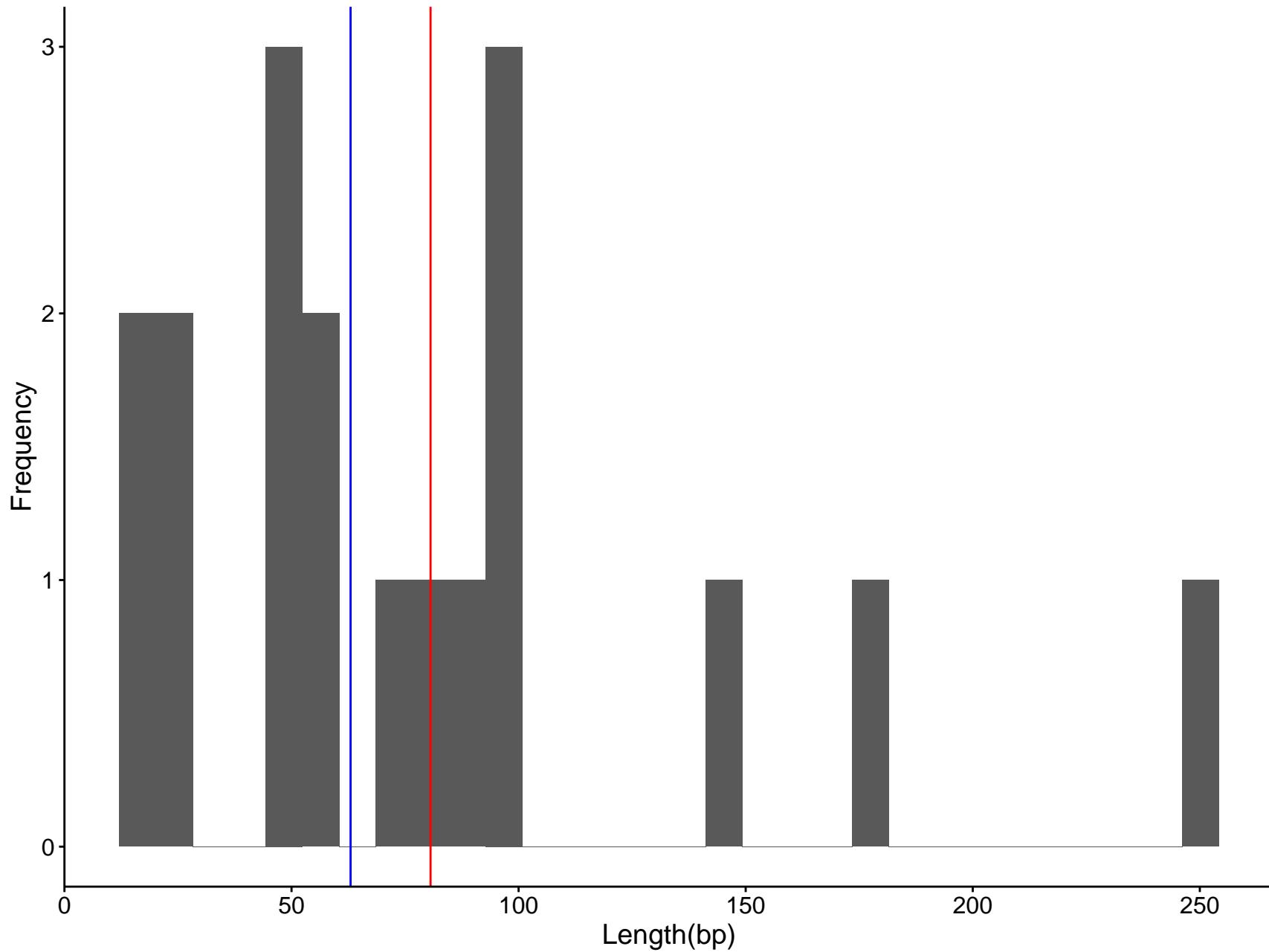
Cluster499



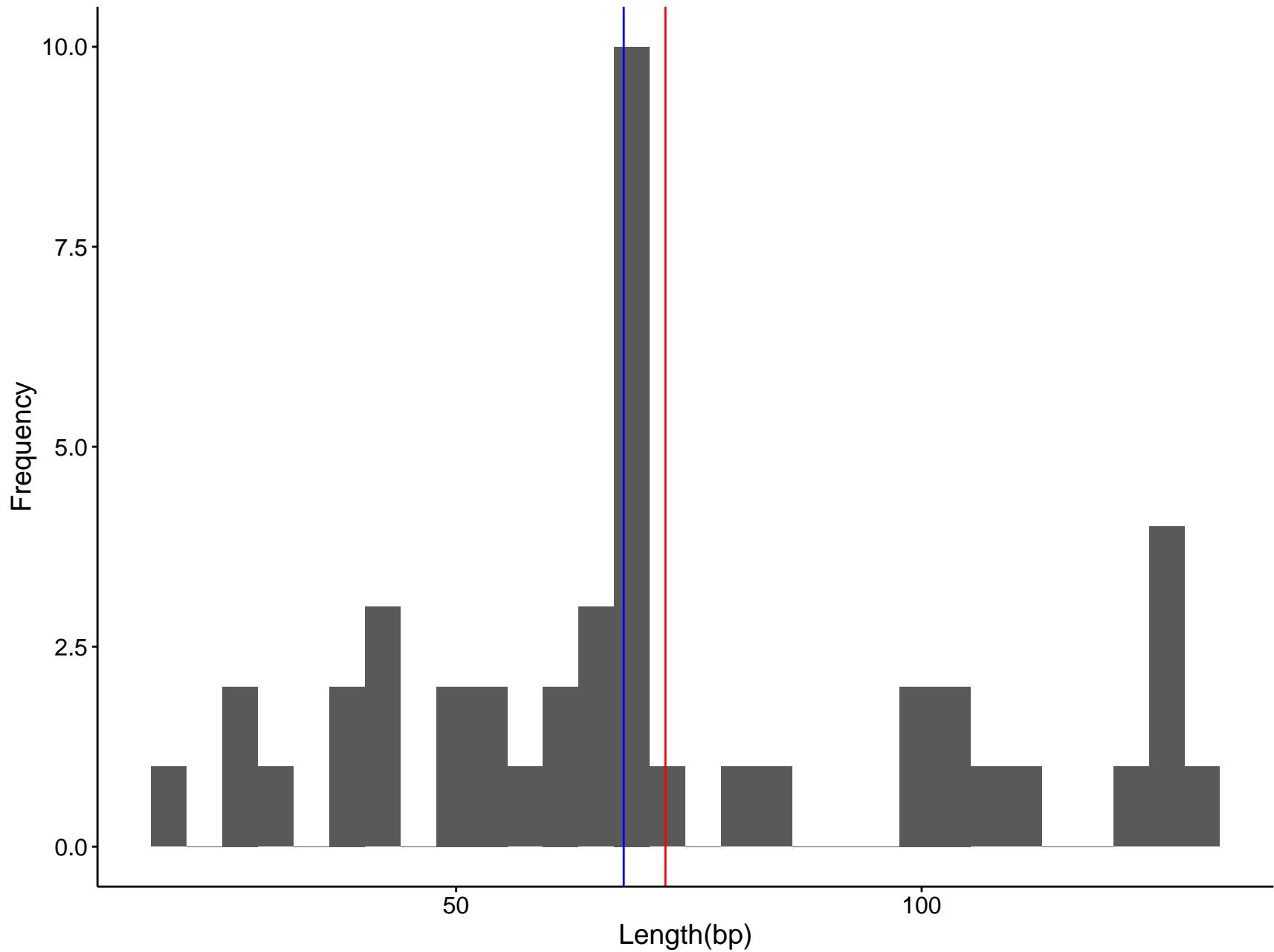
Cluster49



Cluster501



Cluster503



Cluster504

Frequency

96.950

96.975

97.000

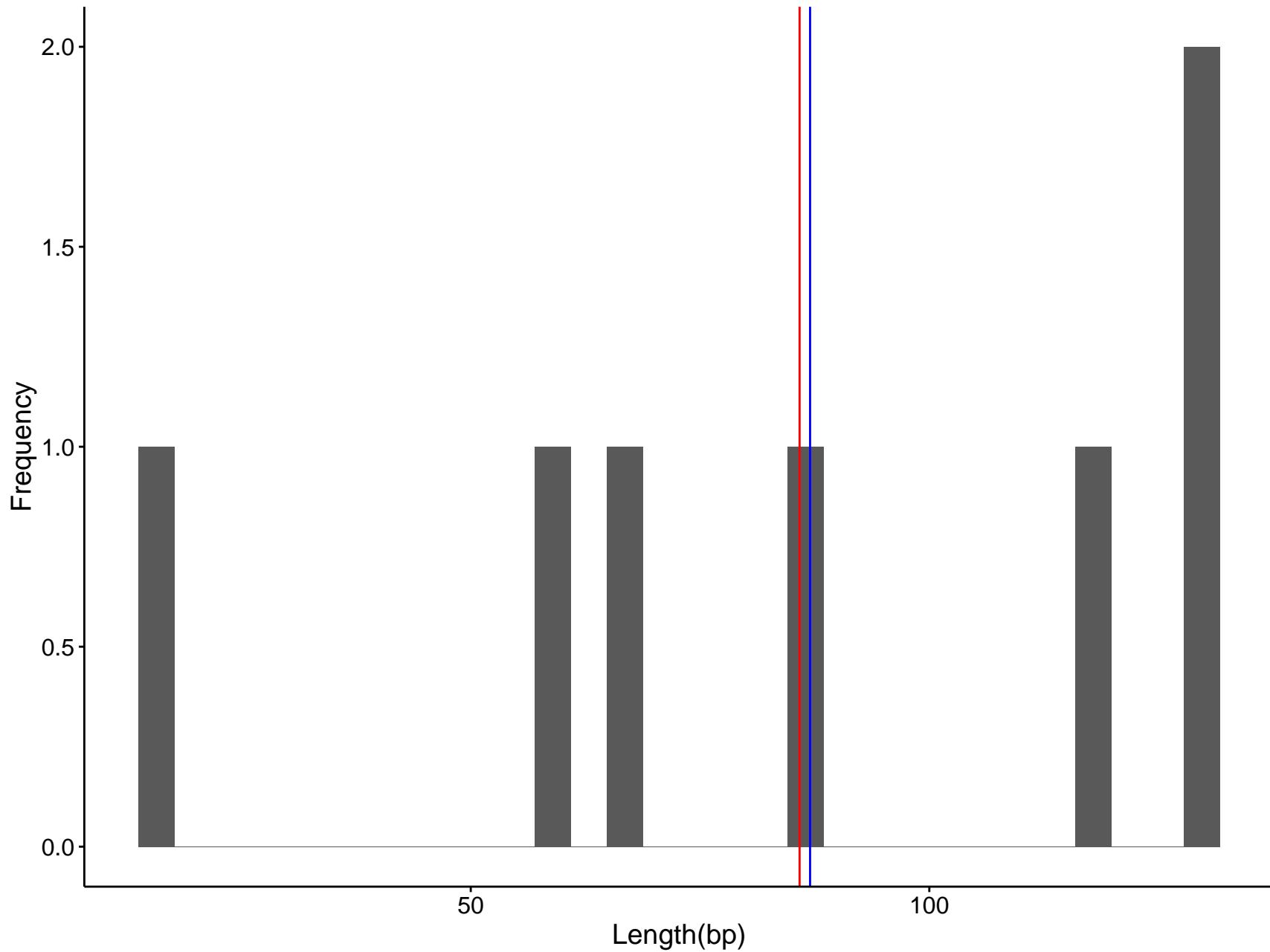
97.025

97.0

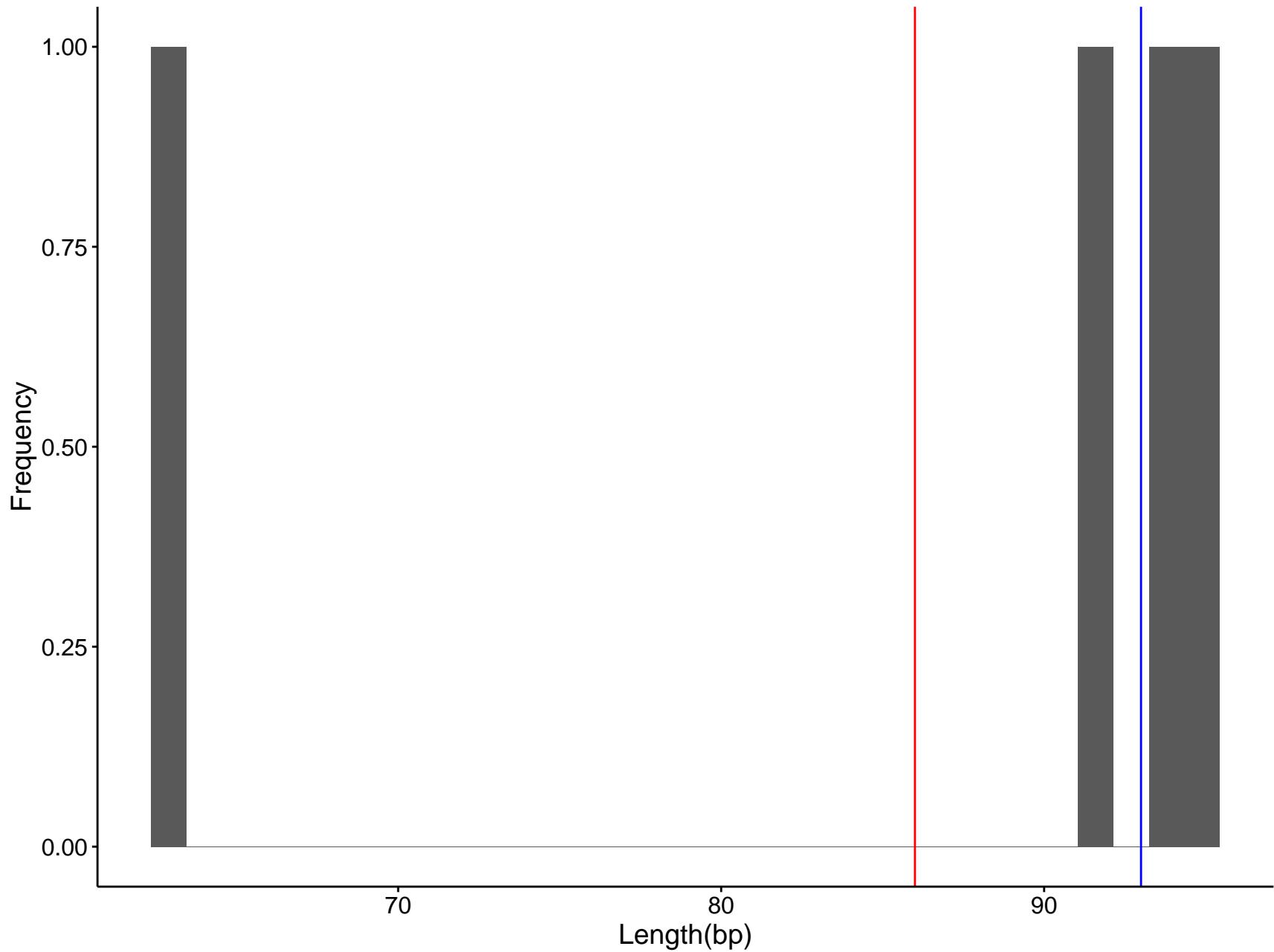
Length(bp)



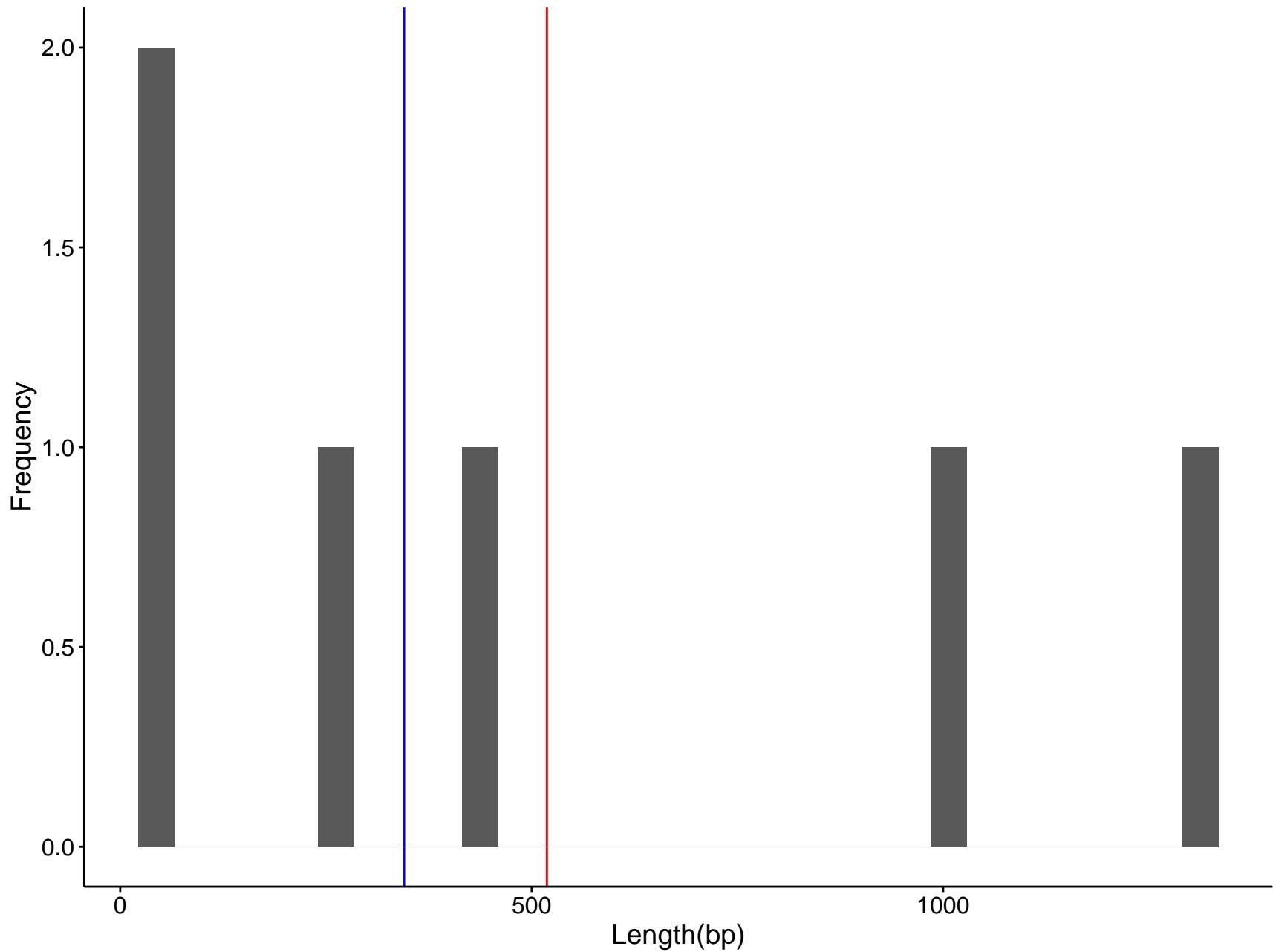
Cluster505



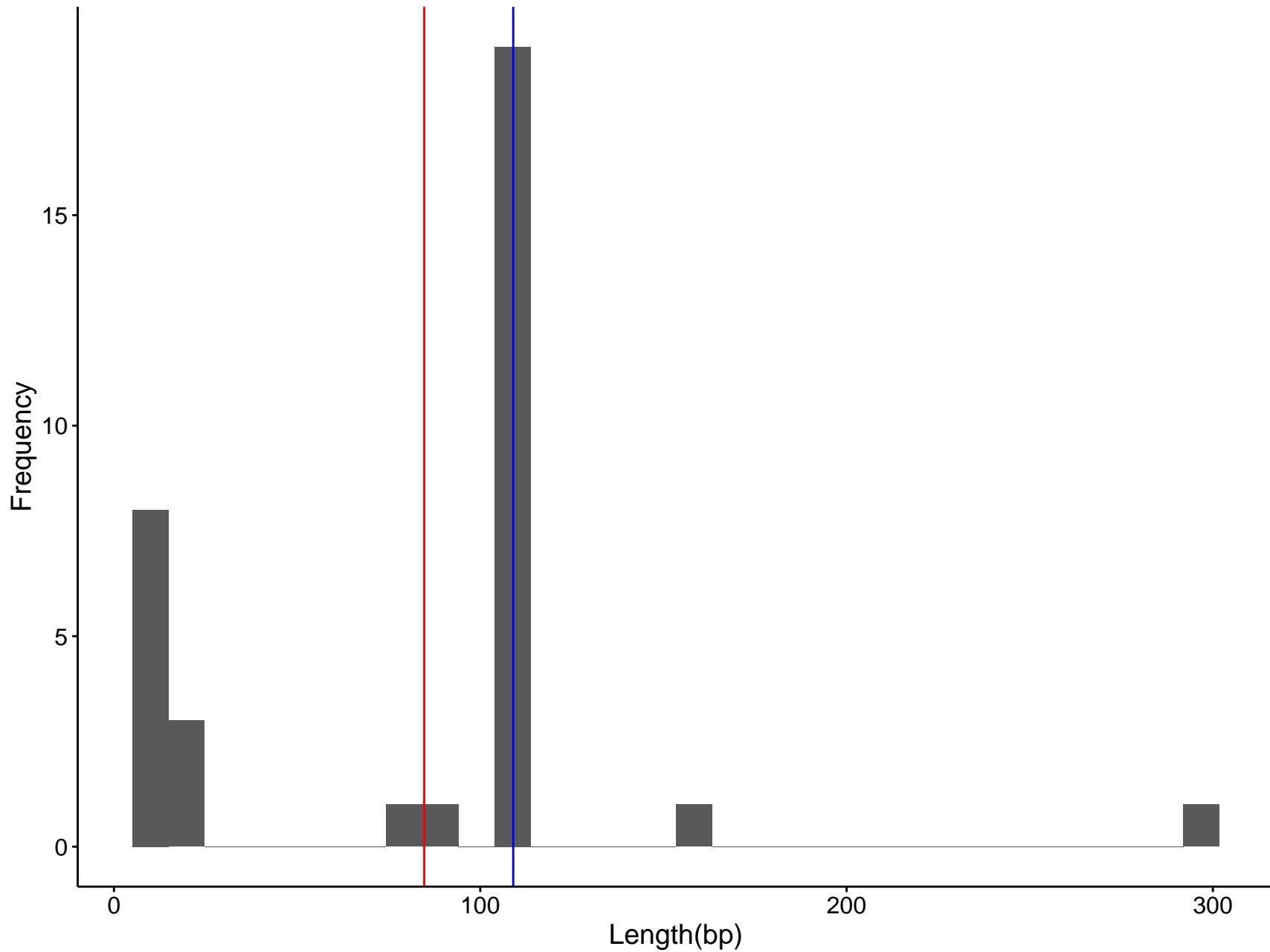
Cluster508



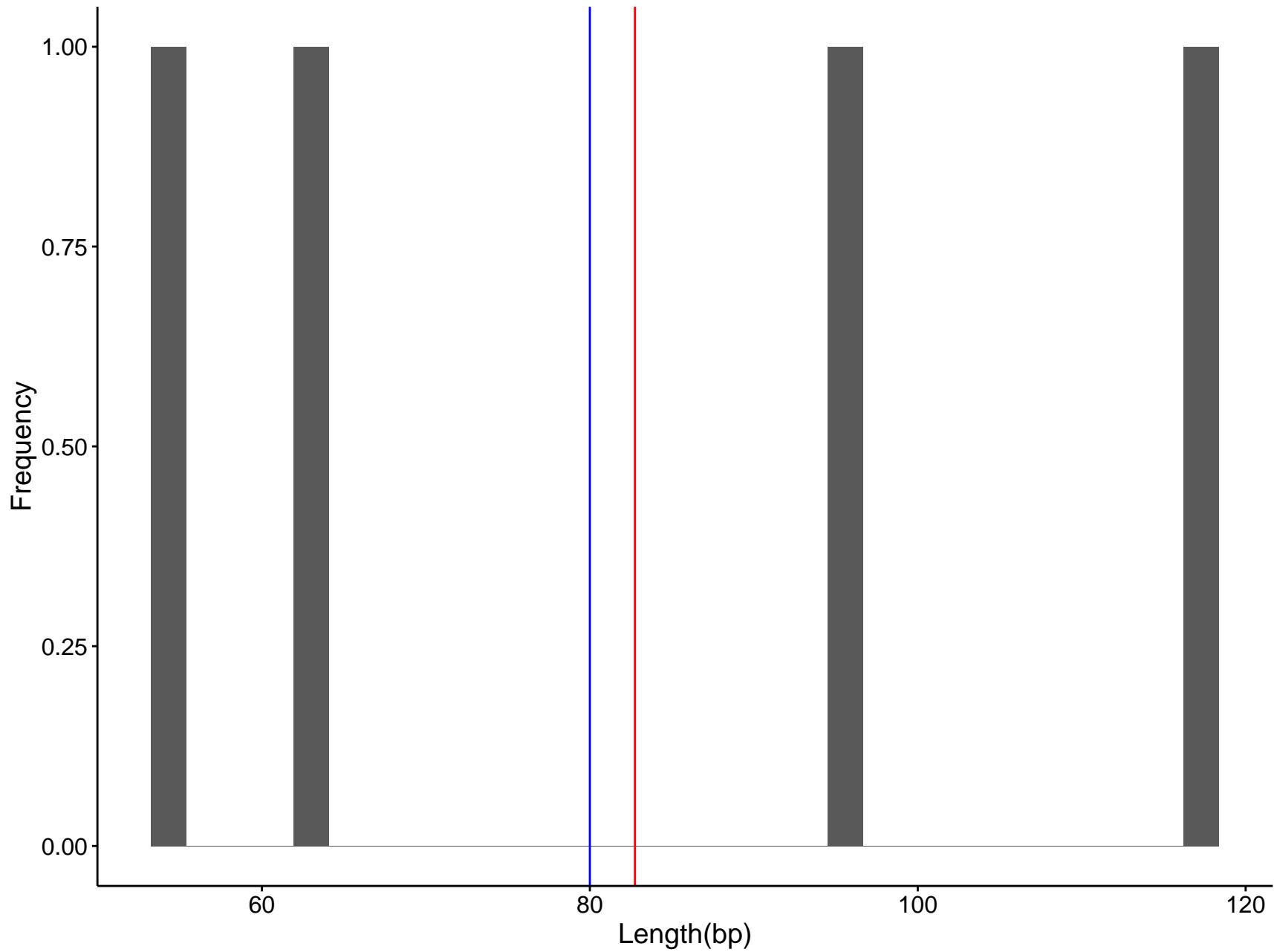
Cluster509



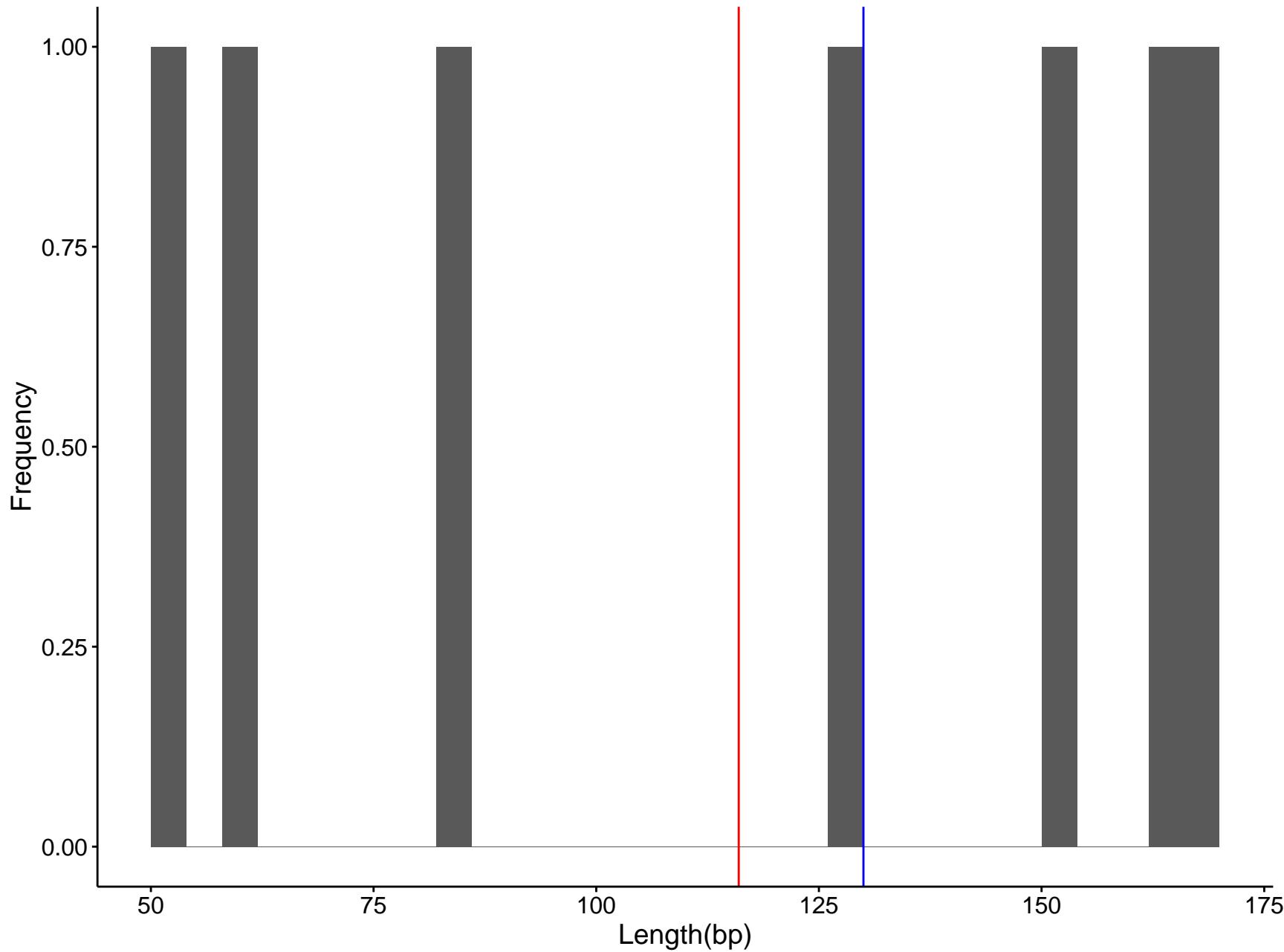
Cluster510



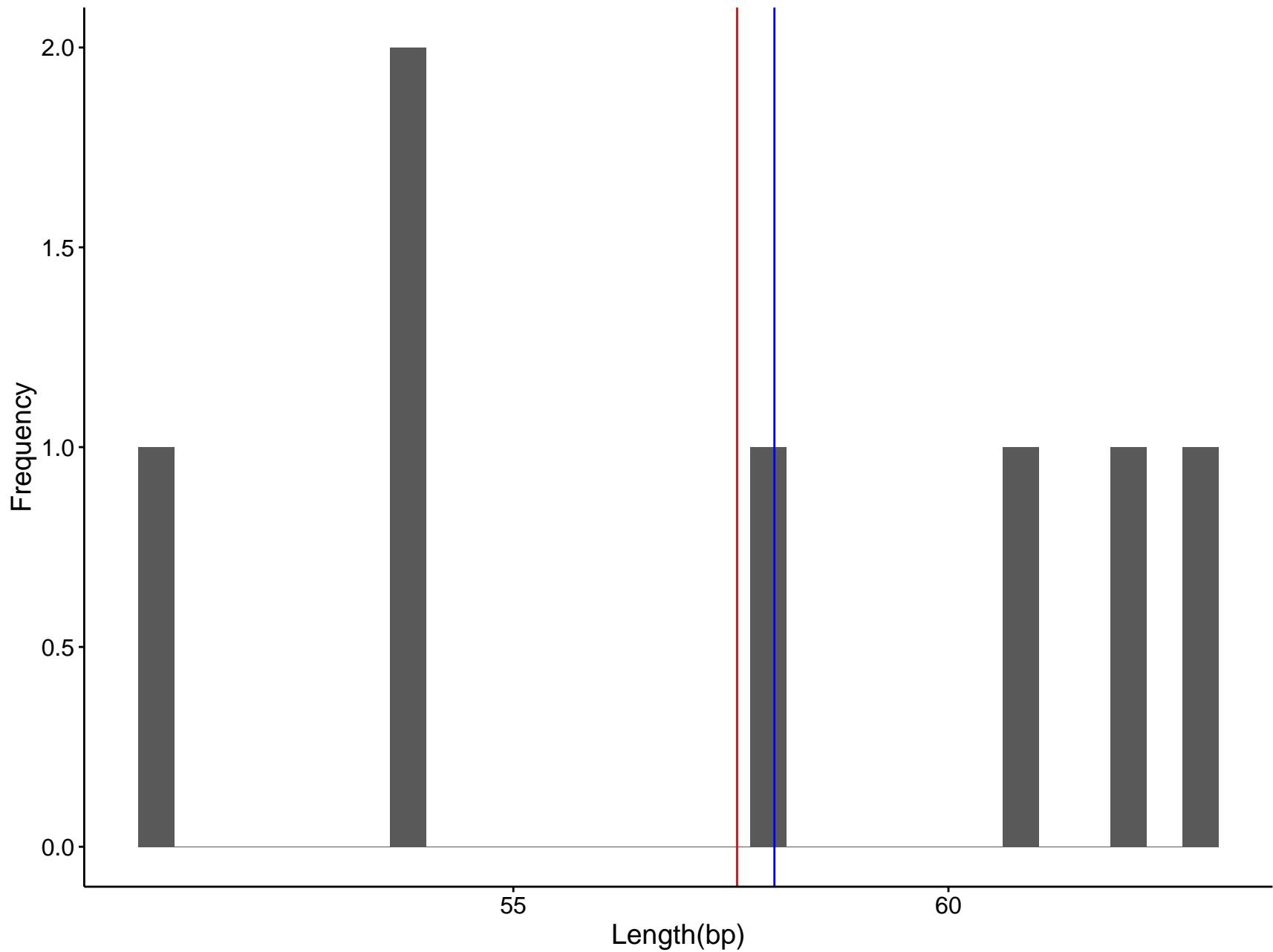
Cluster511



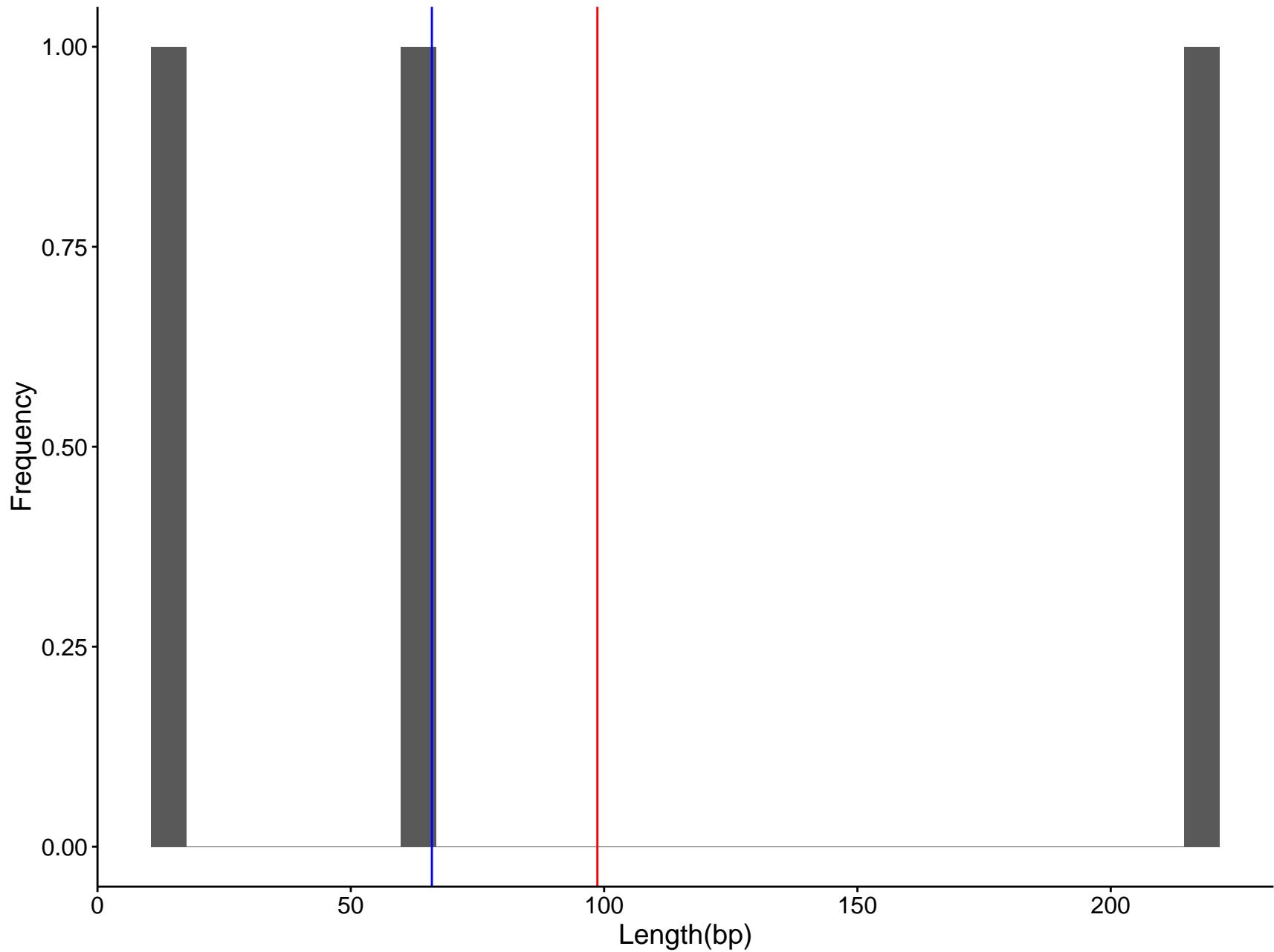
Cluster513



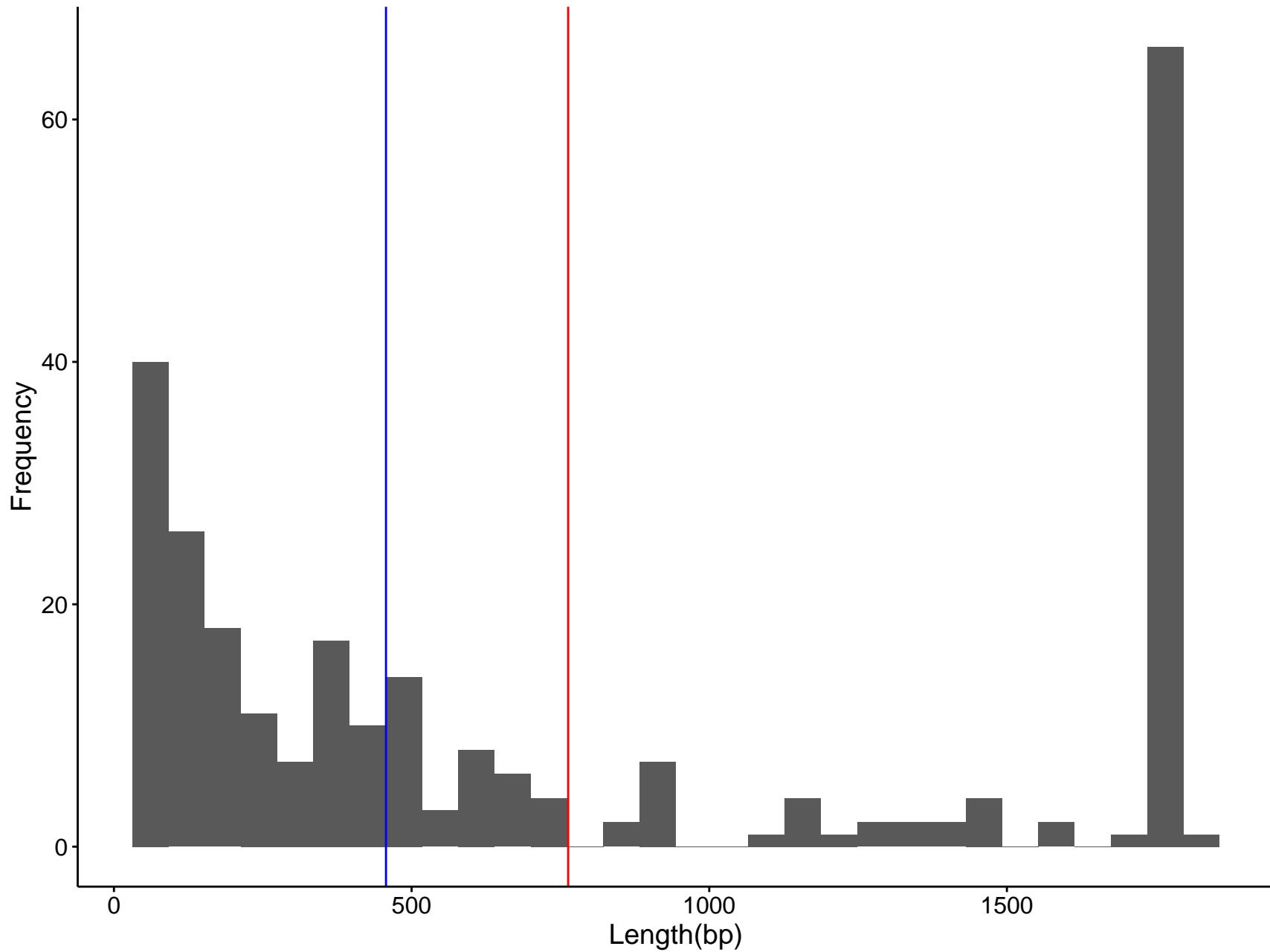
Cluster519



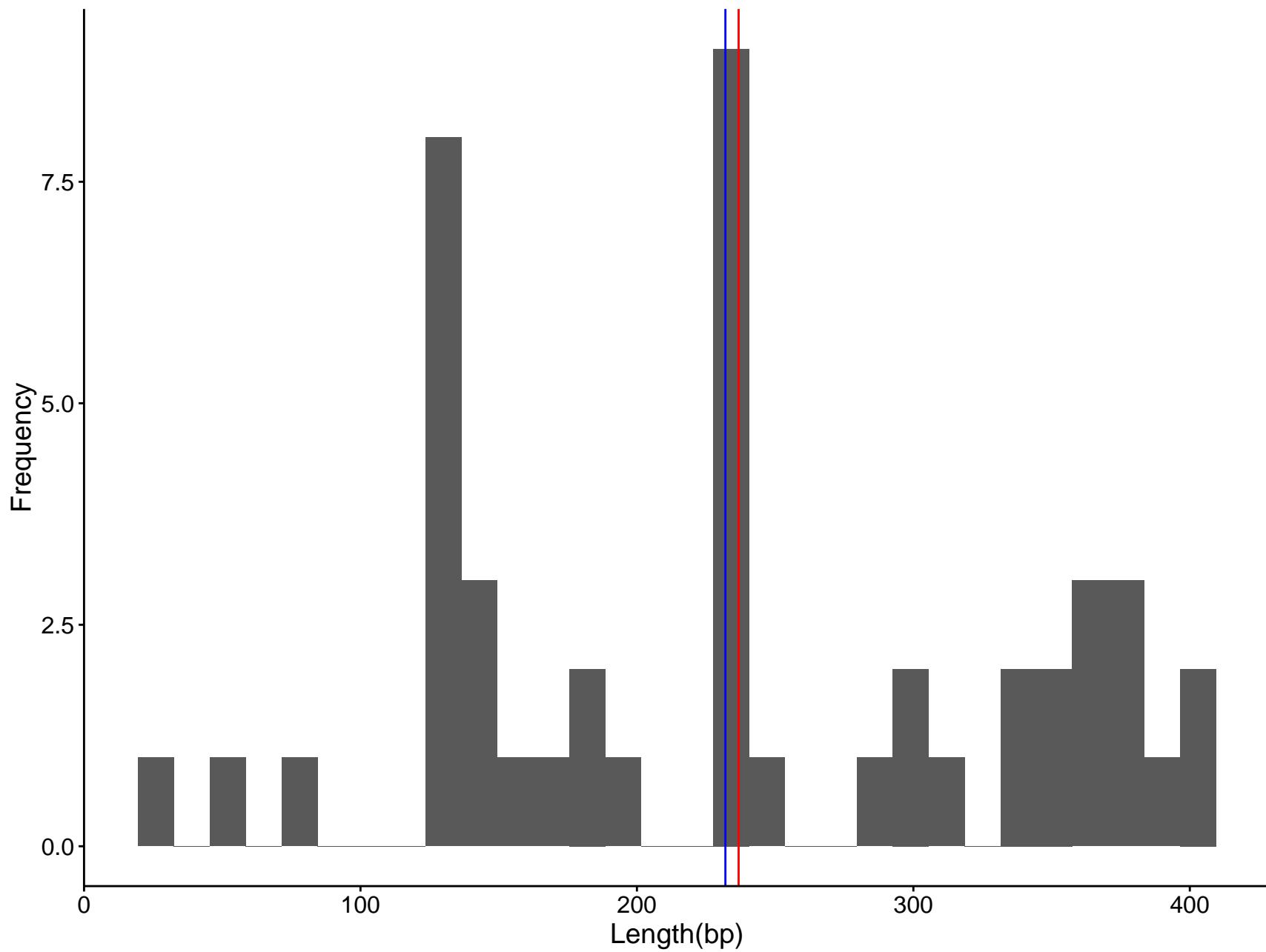
Cluster51



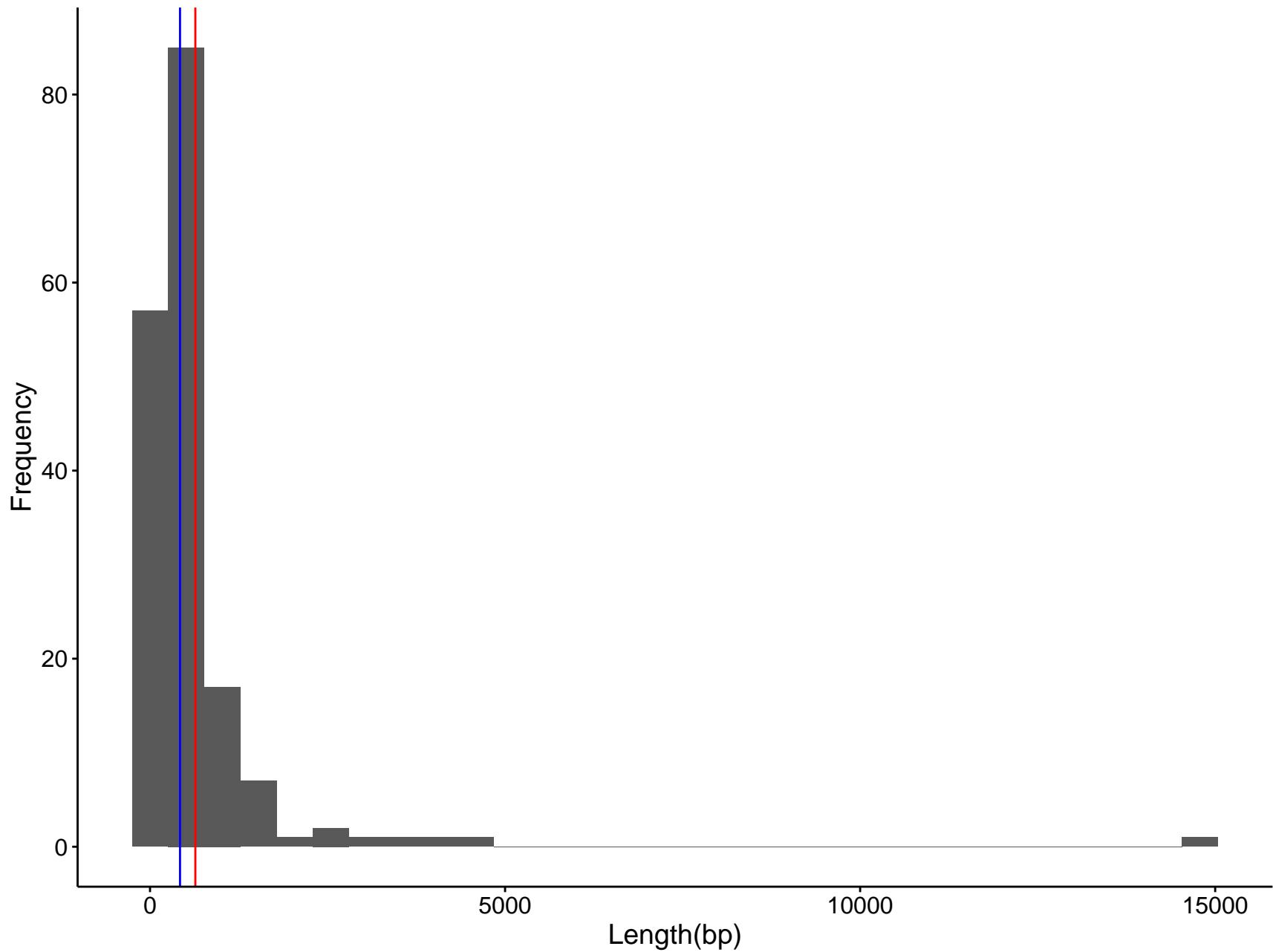
Cluster520



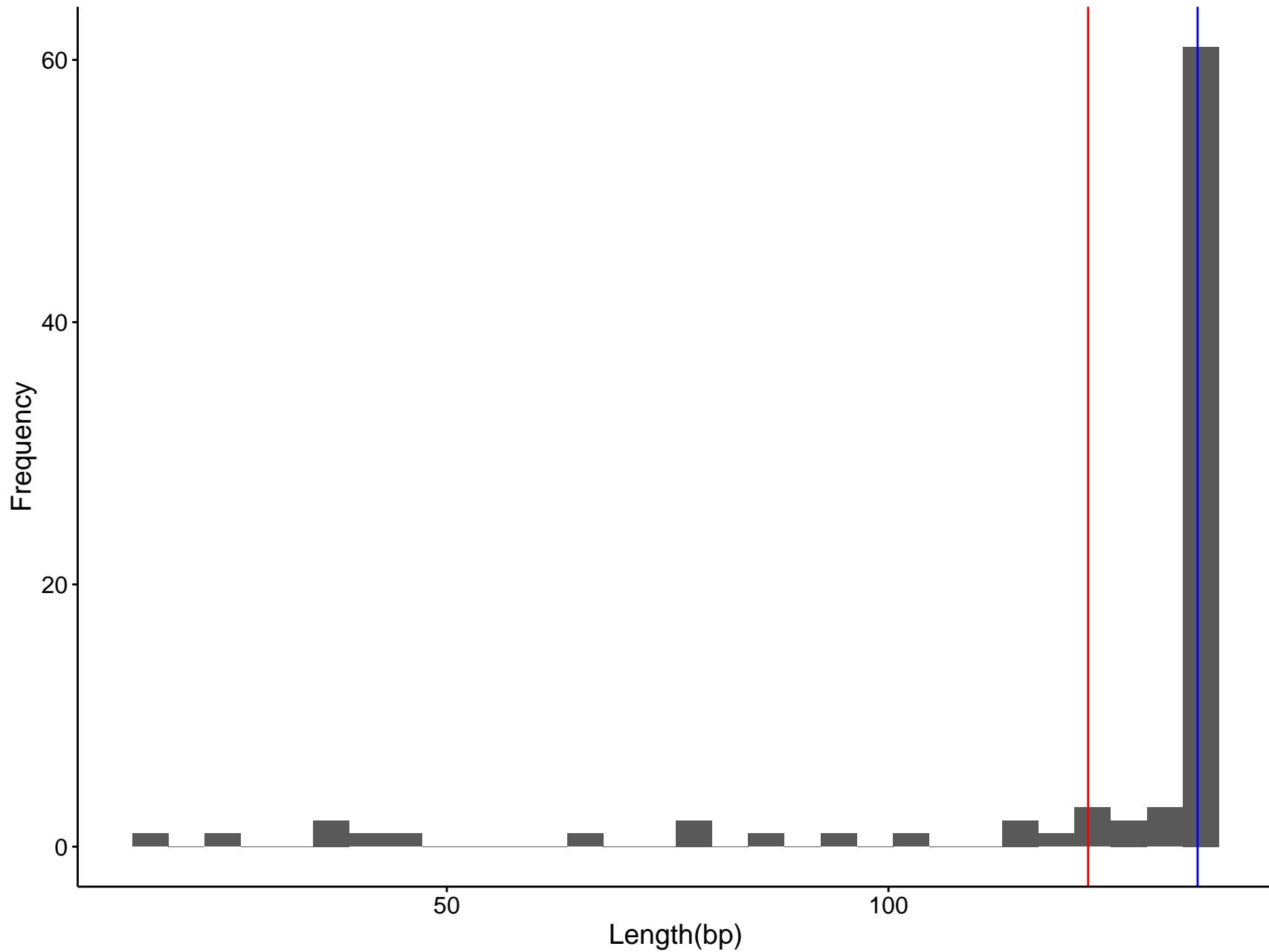
Cluster521



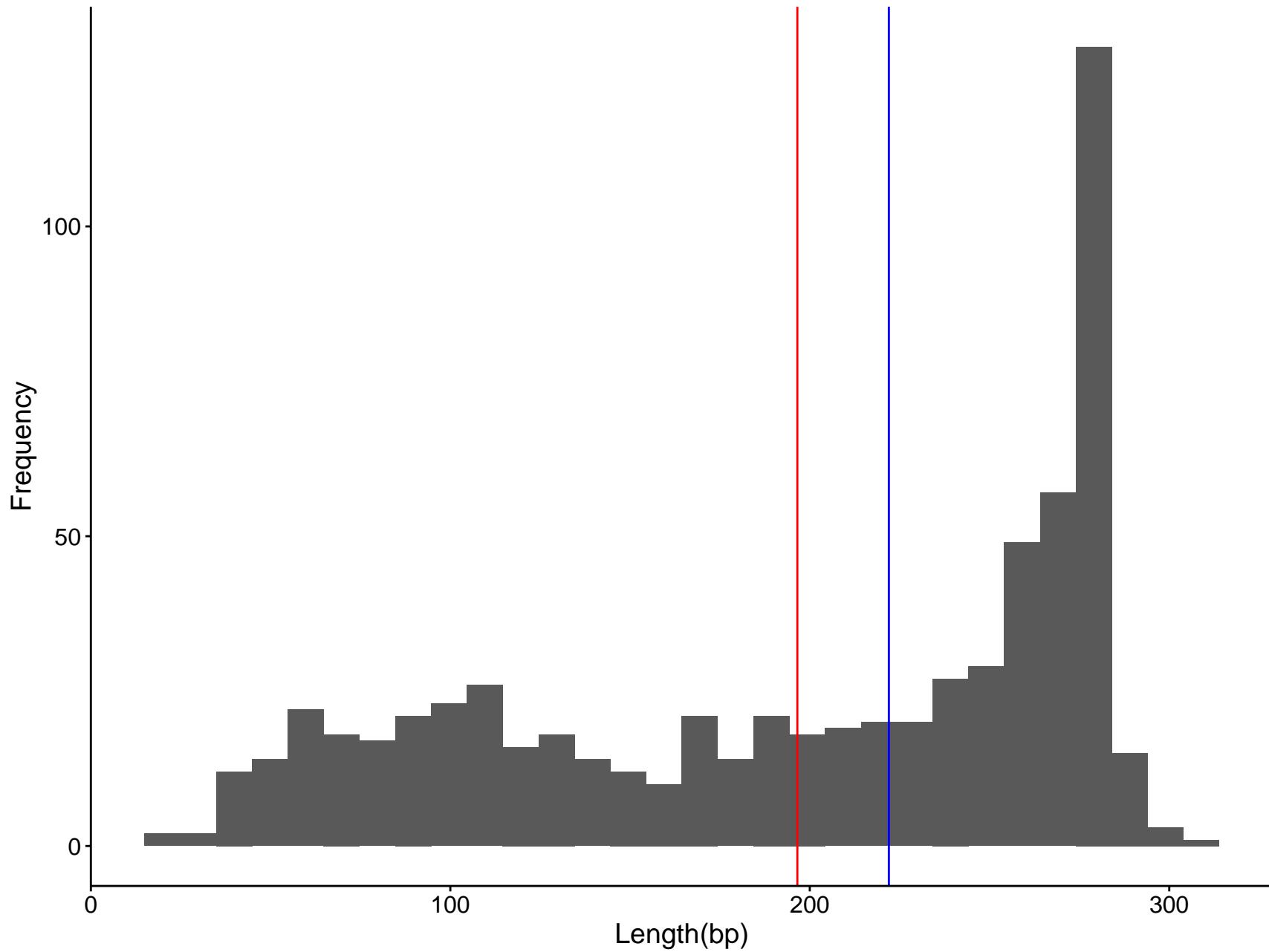
Cluster522

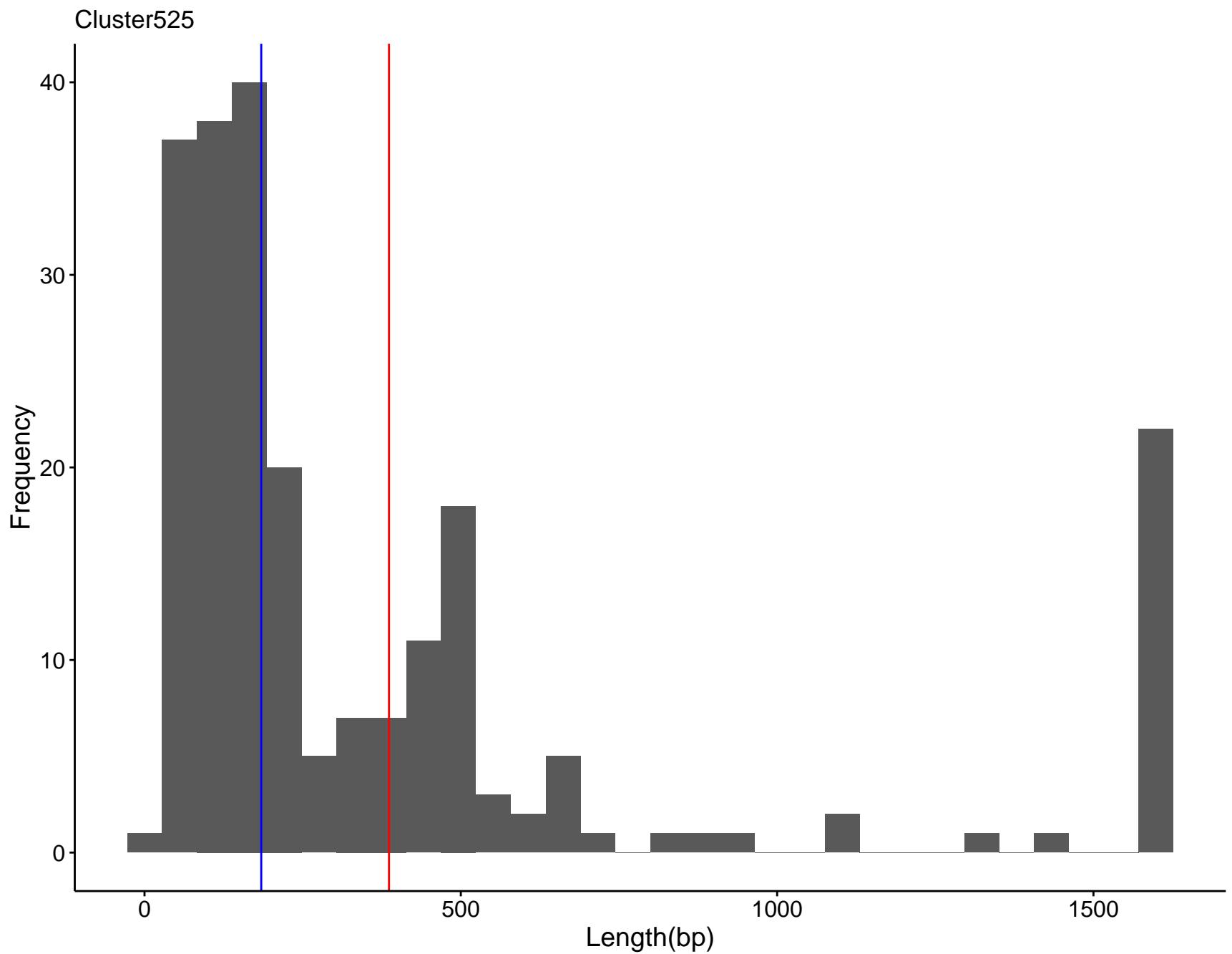


Cluster523

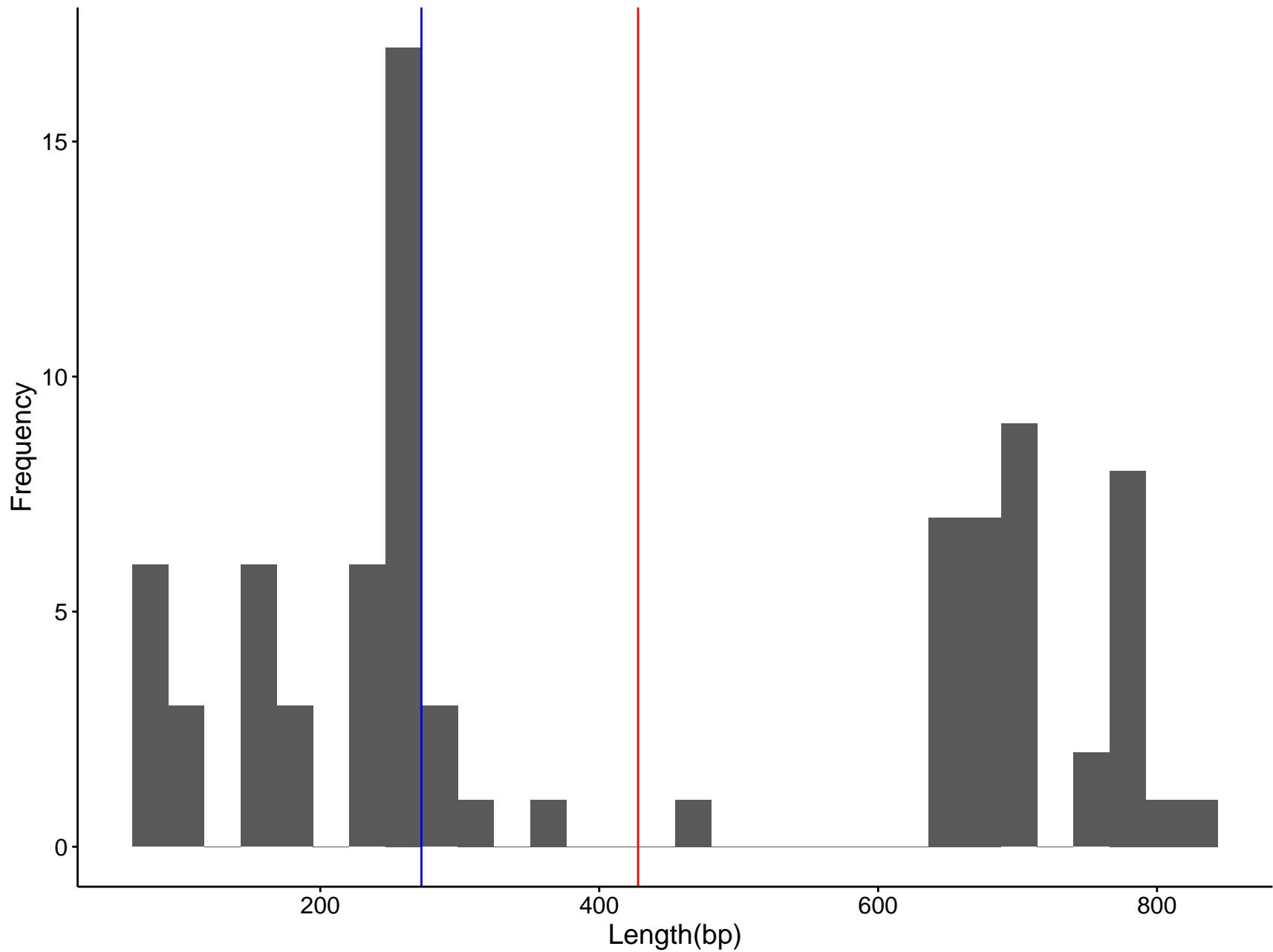


Cluster524

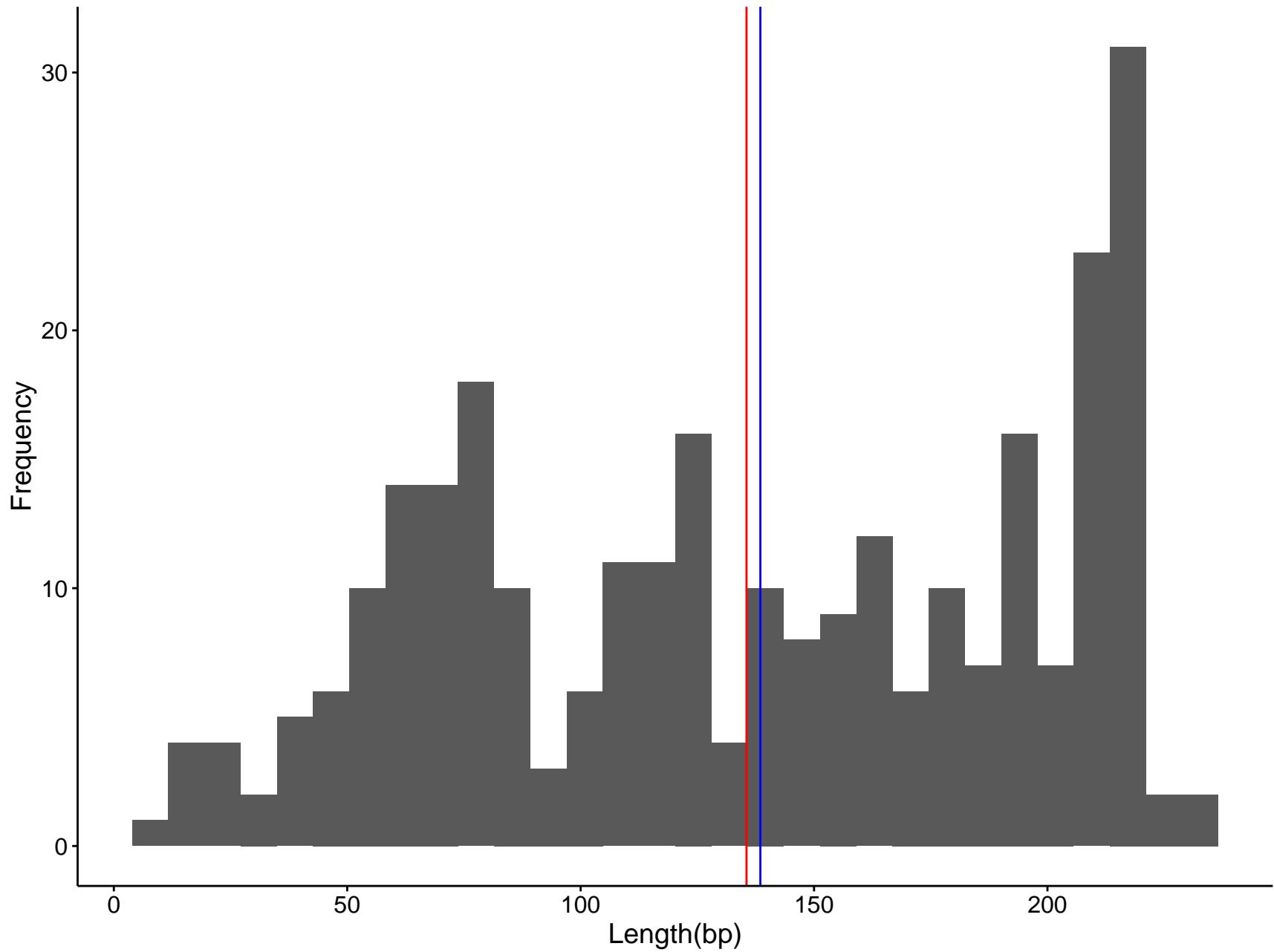




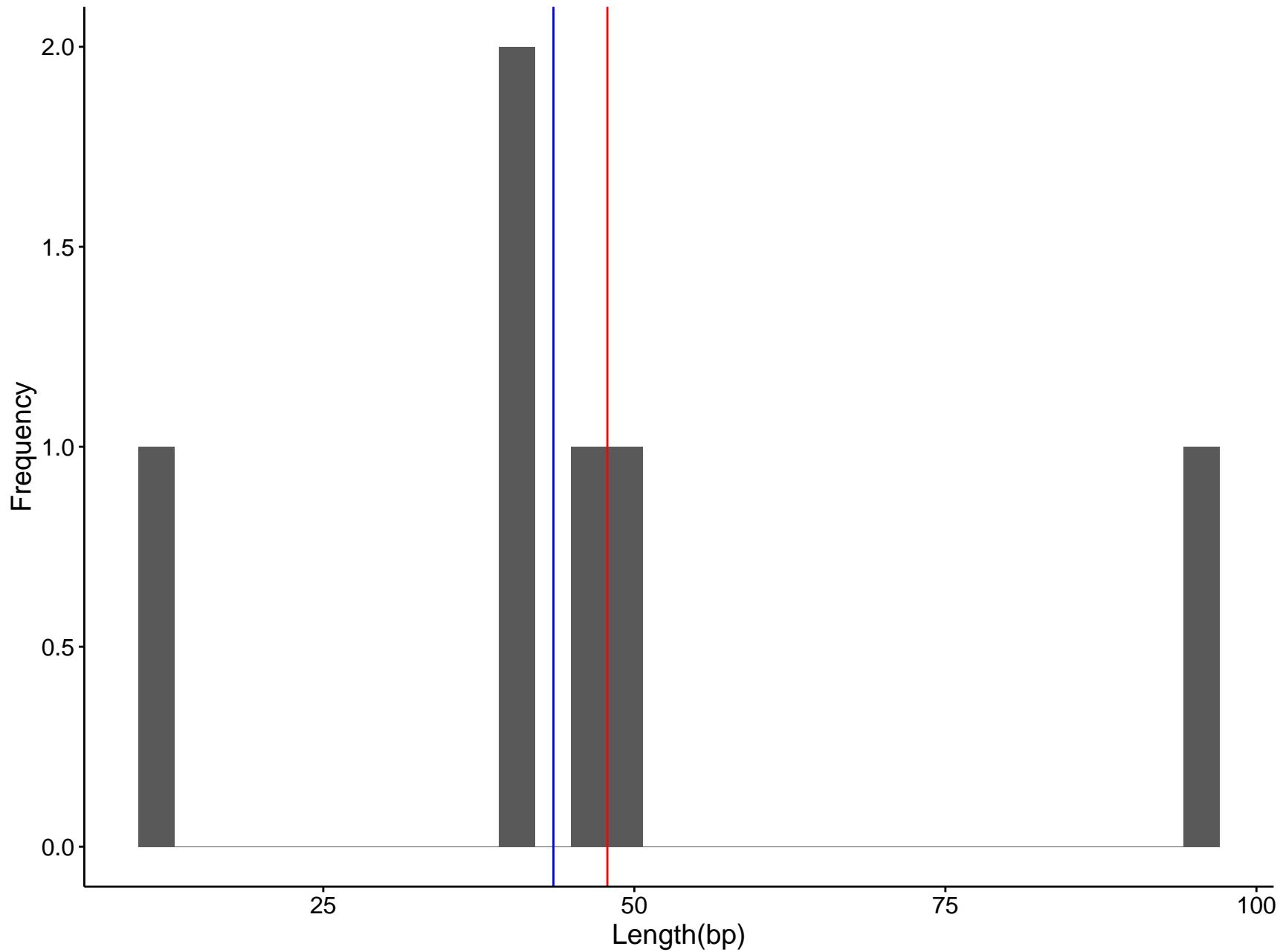
Cluster526



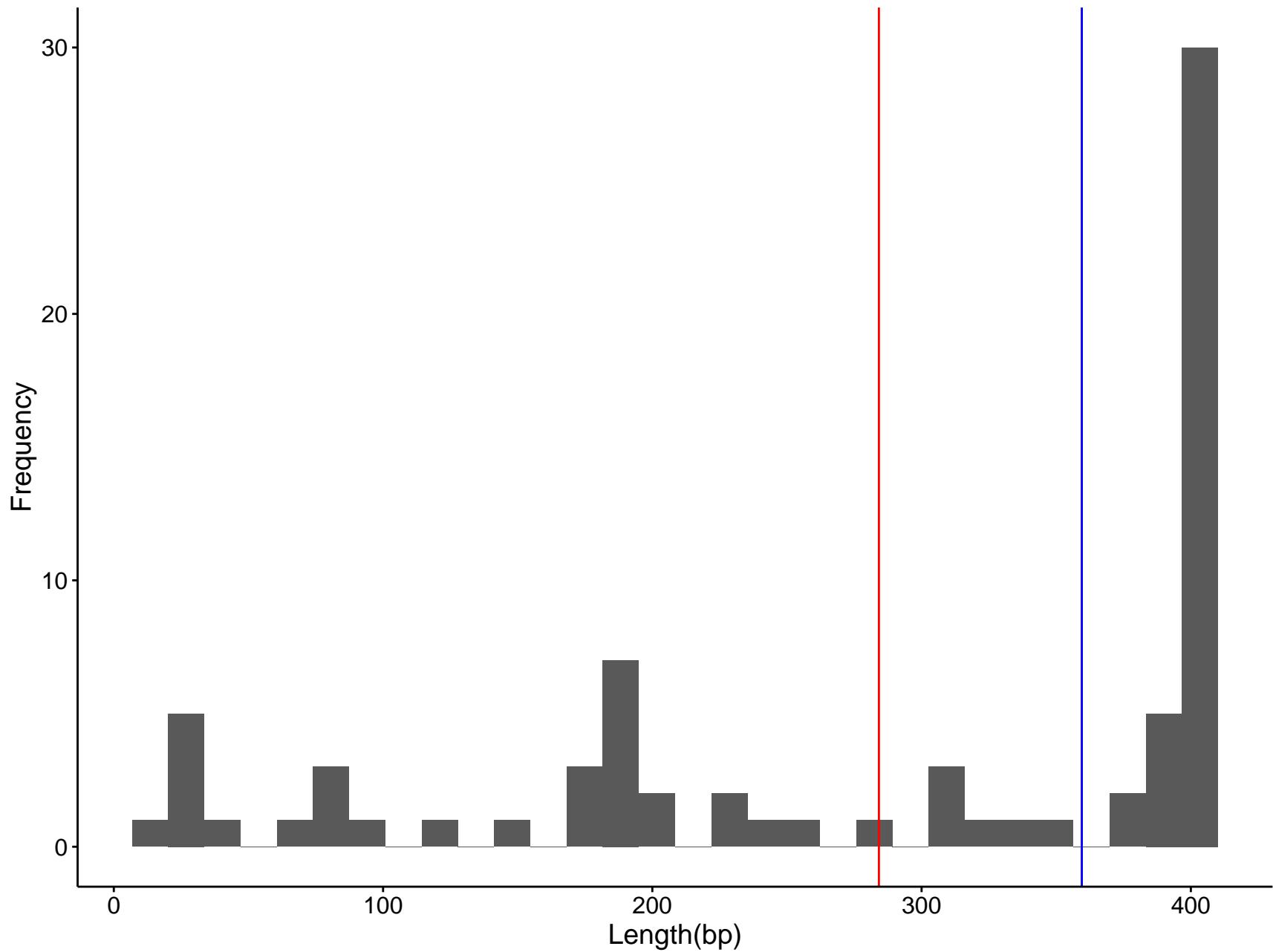
Cluster527



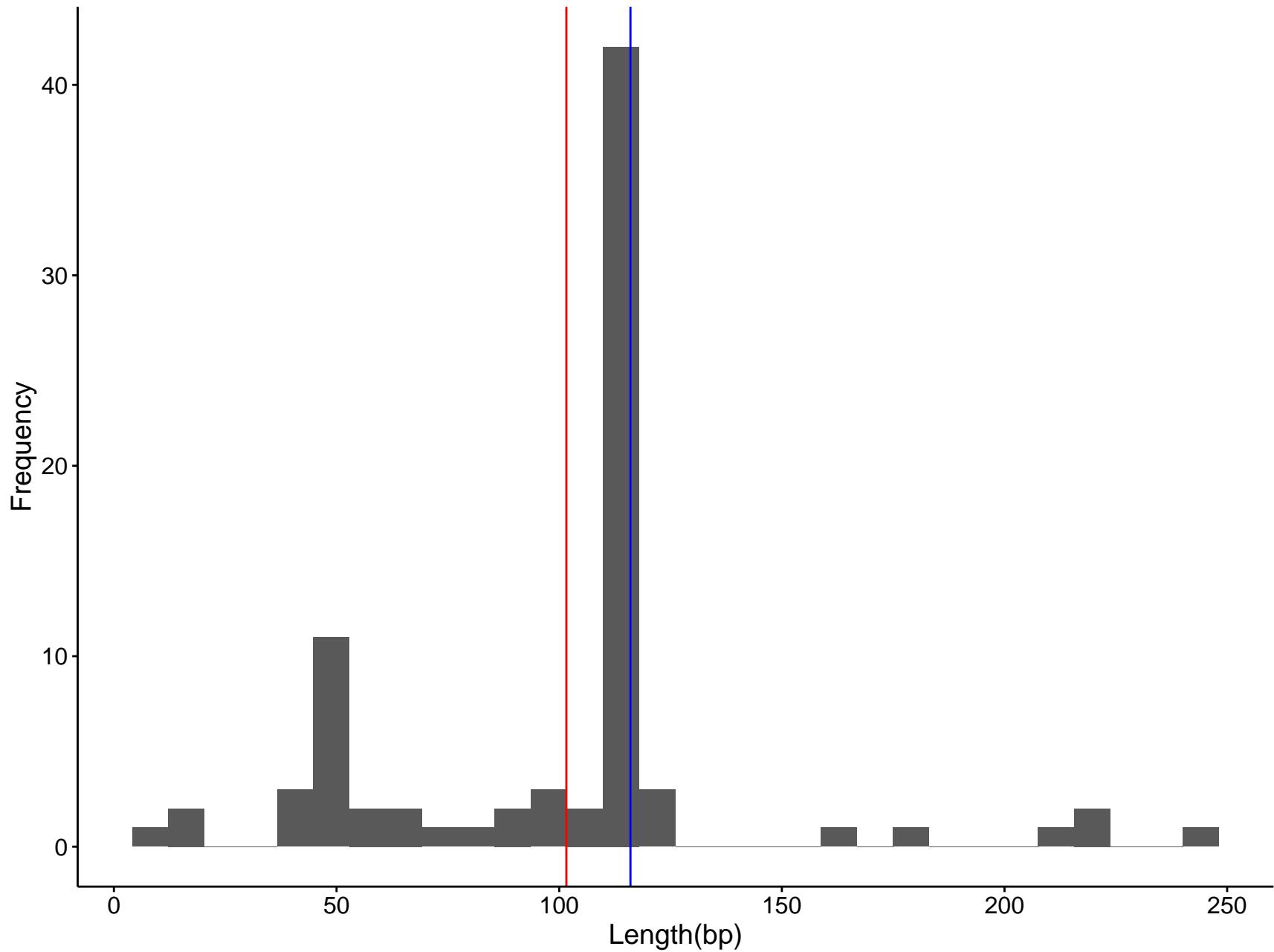
Cluster528



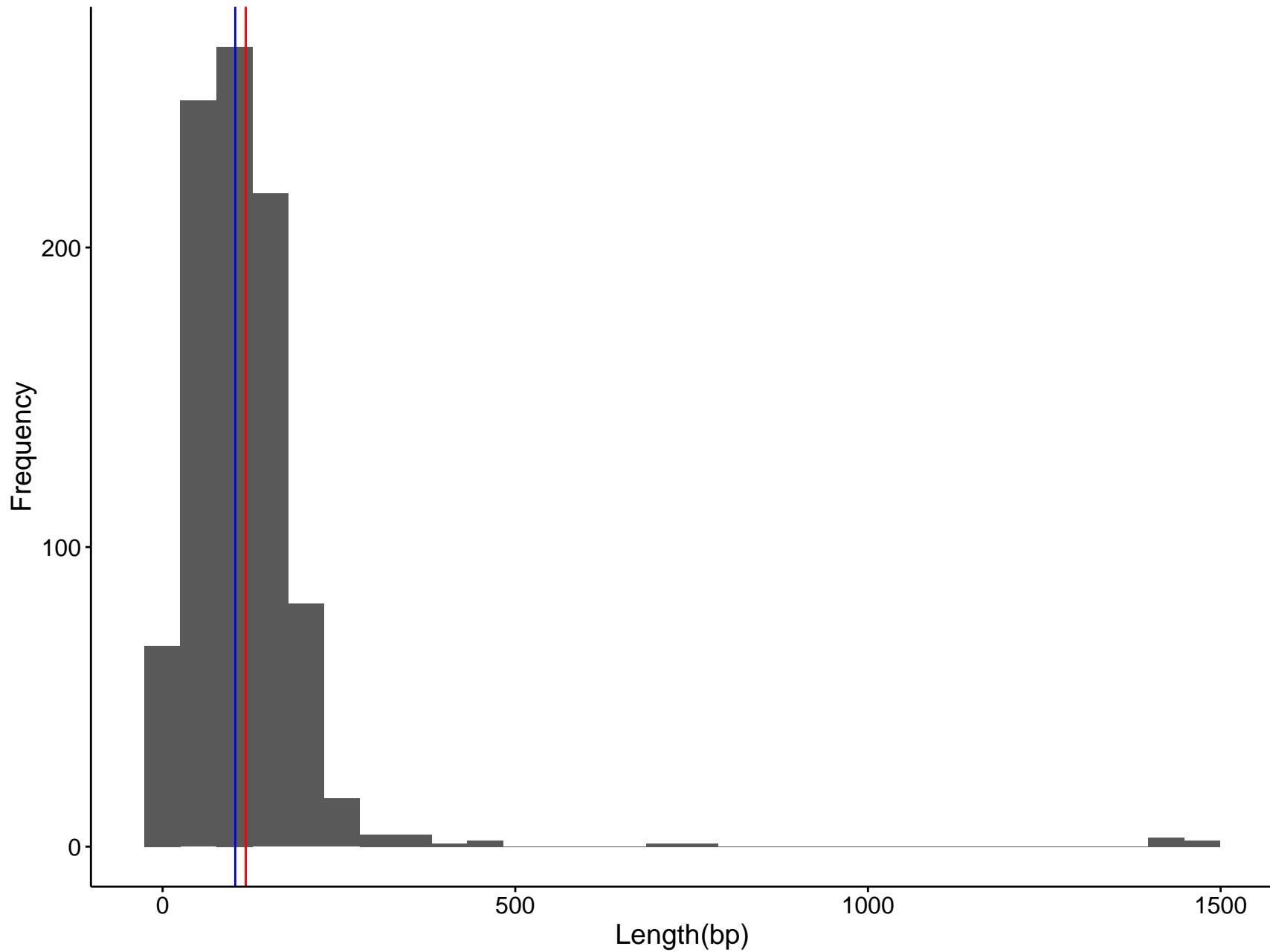
Cluster529



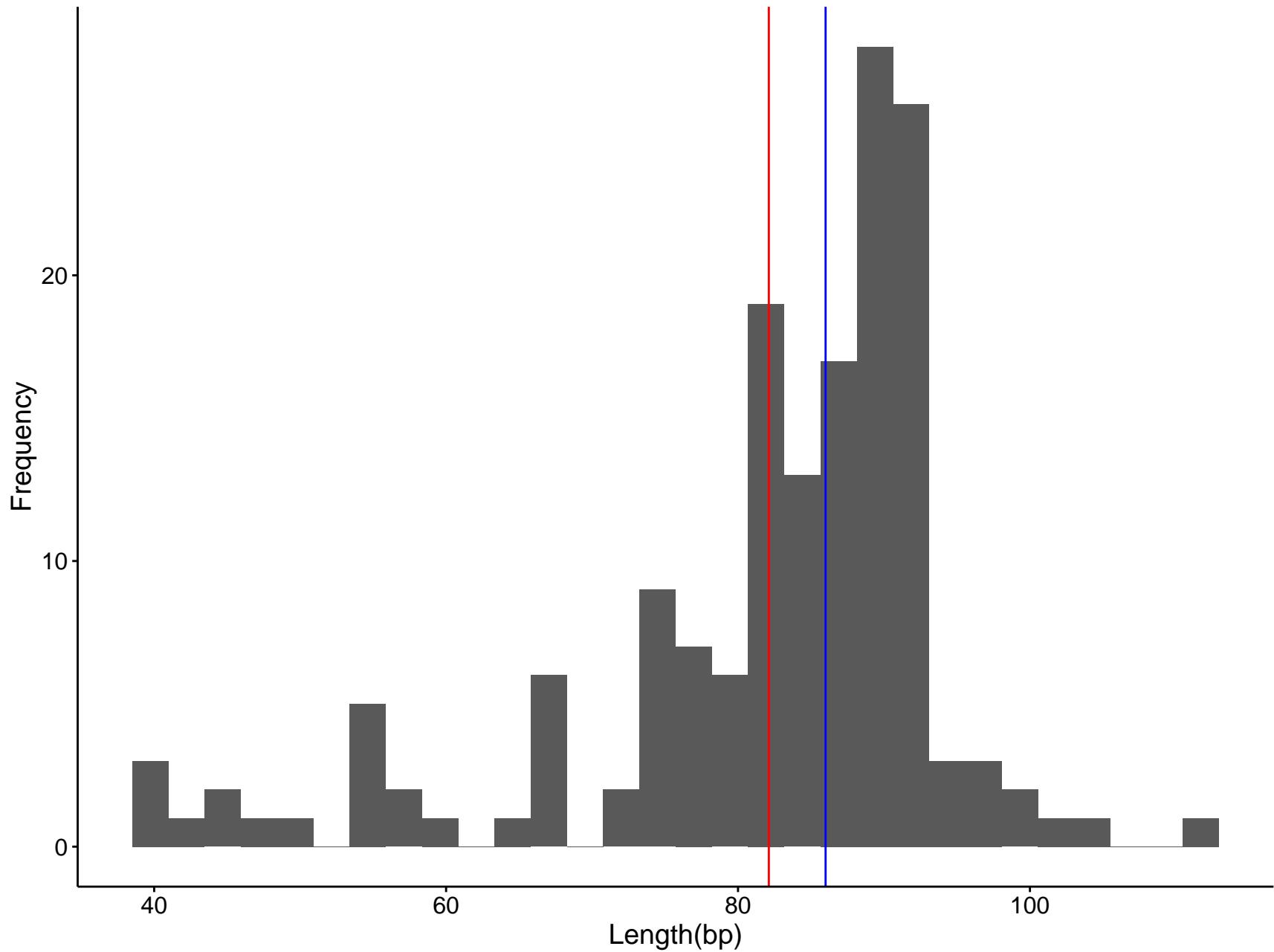
Cluster52



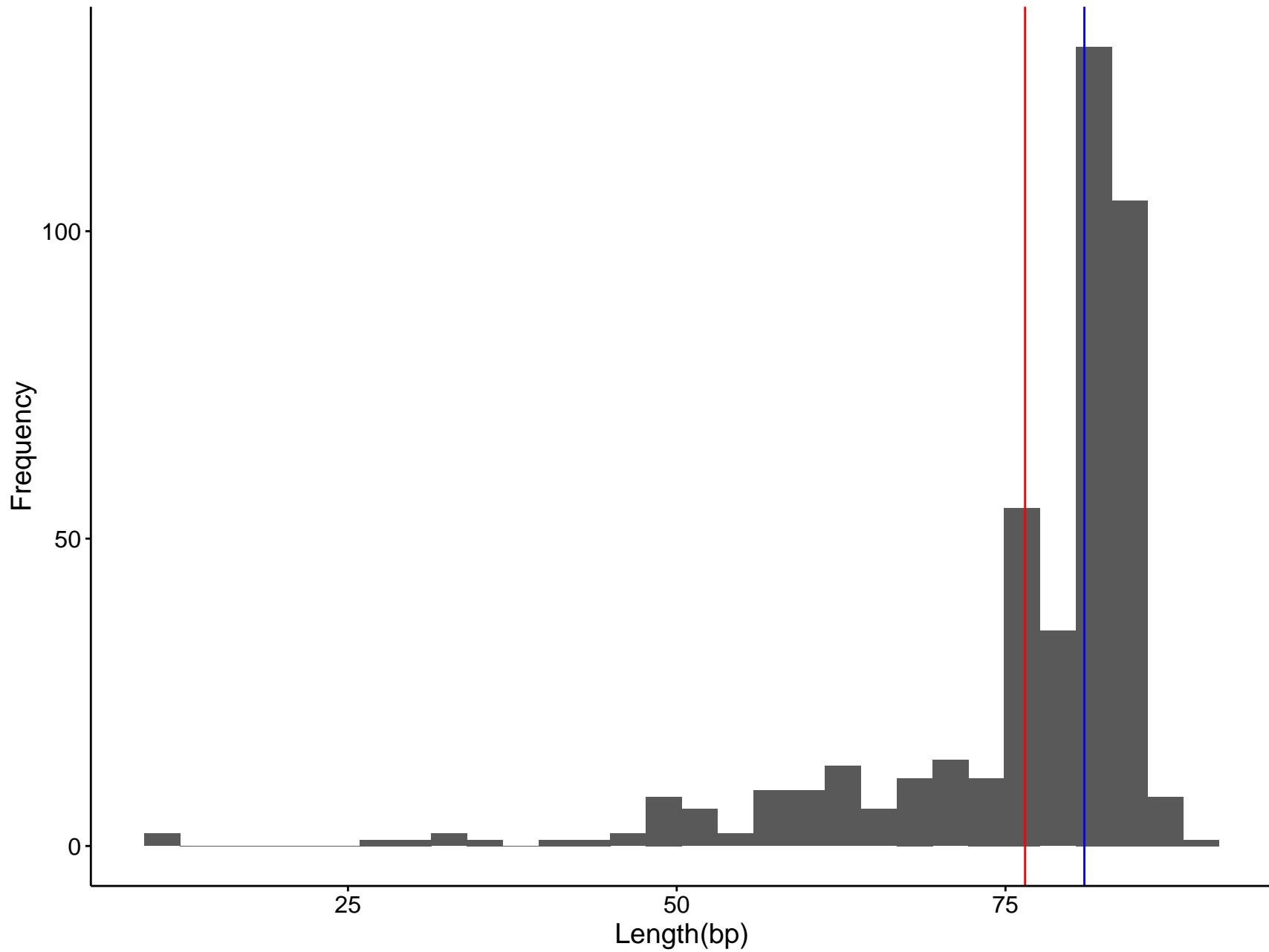
Cluster530



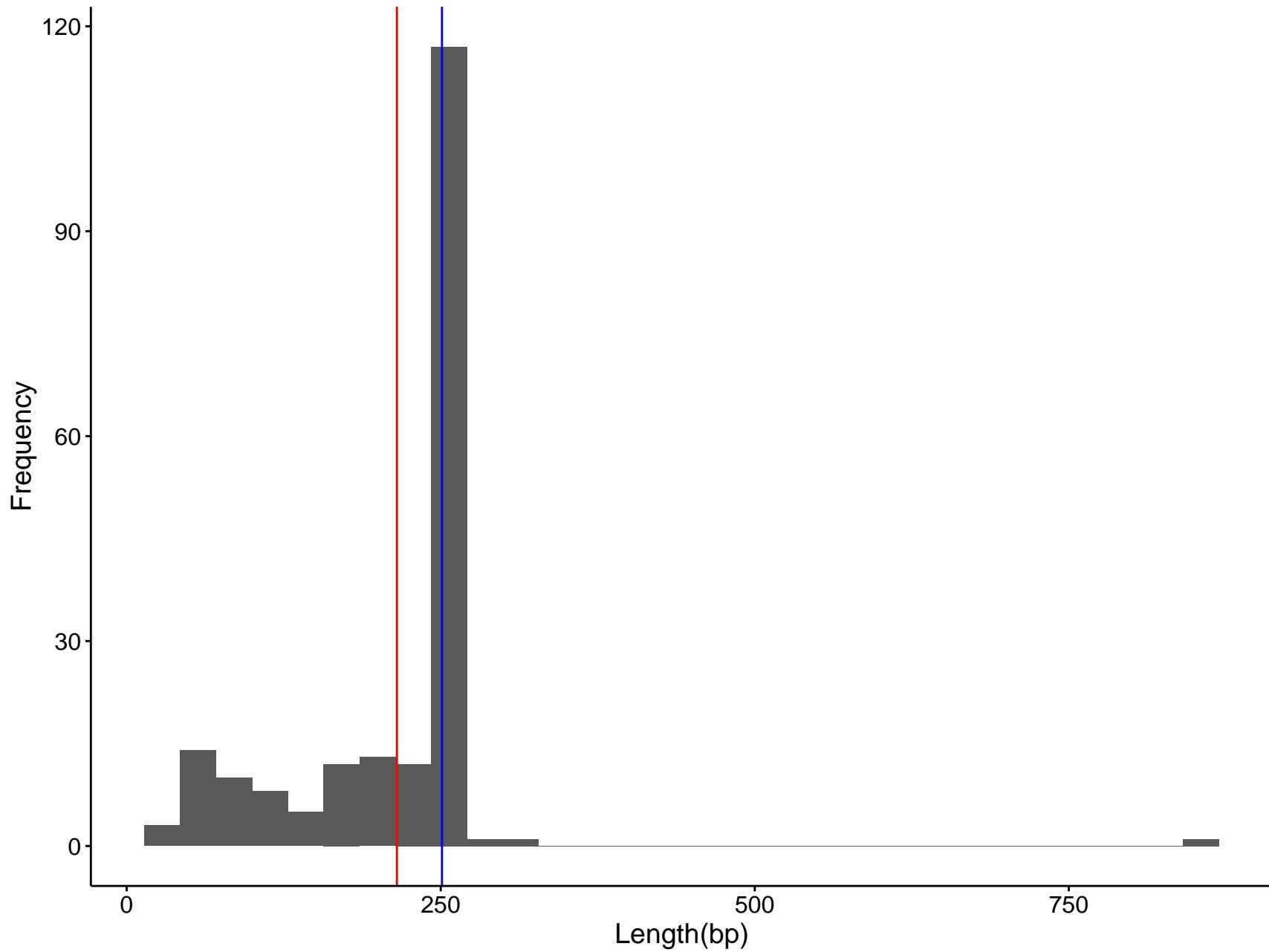
Cluster531



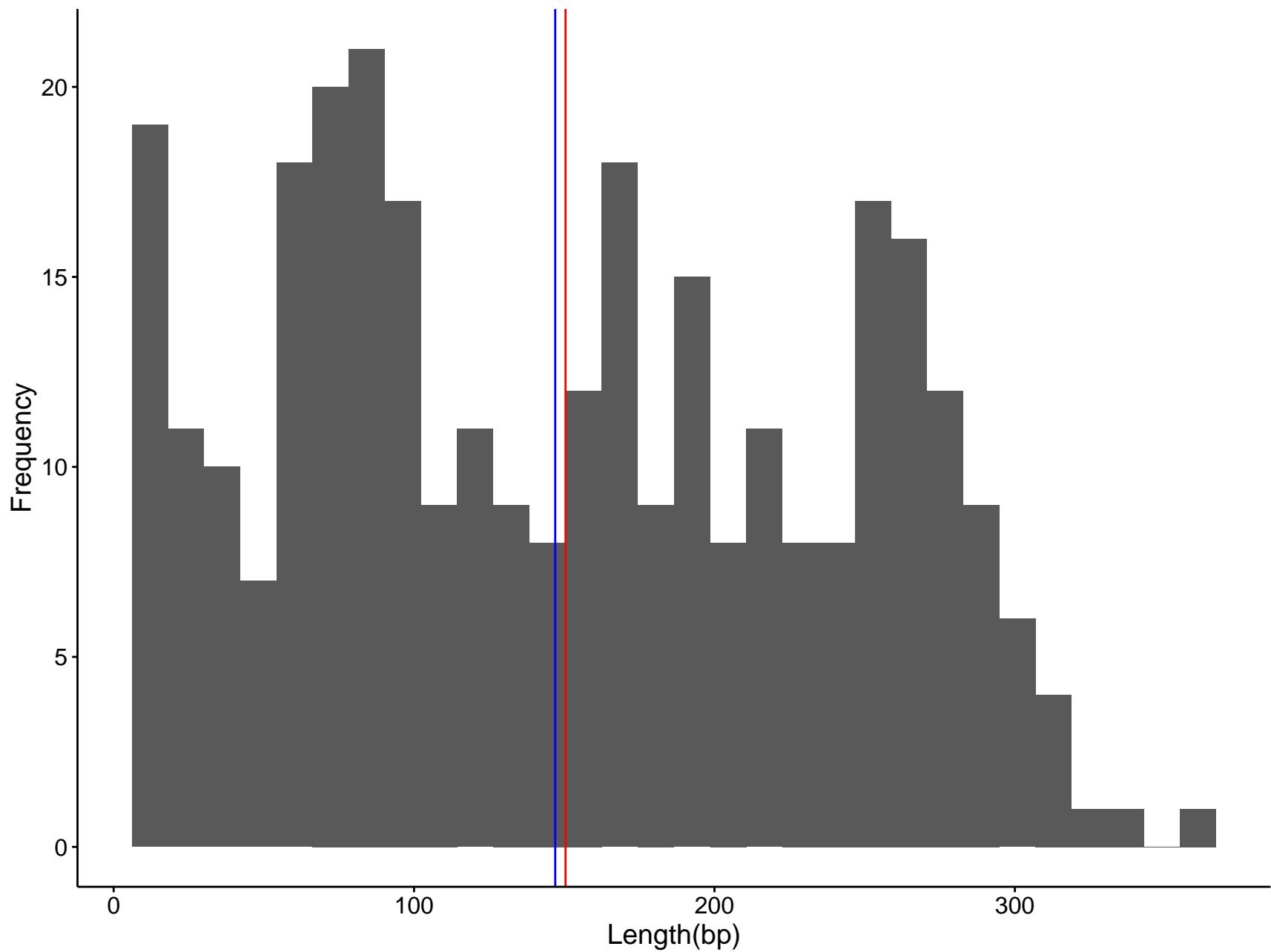
Cluster532



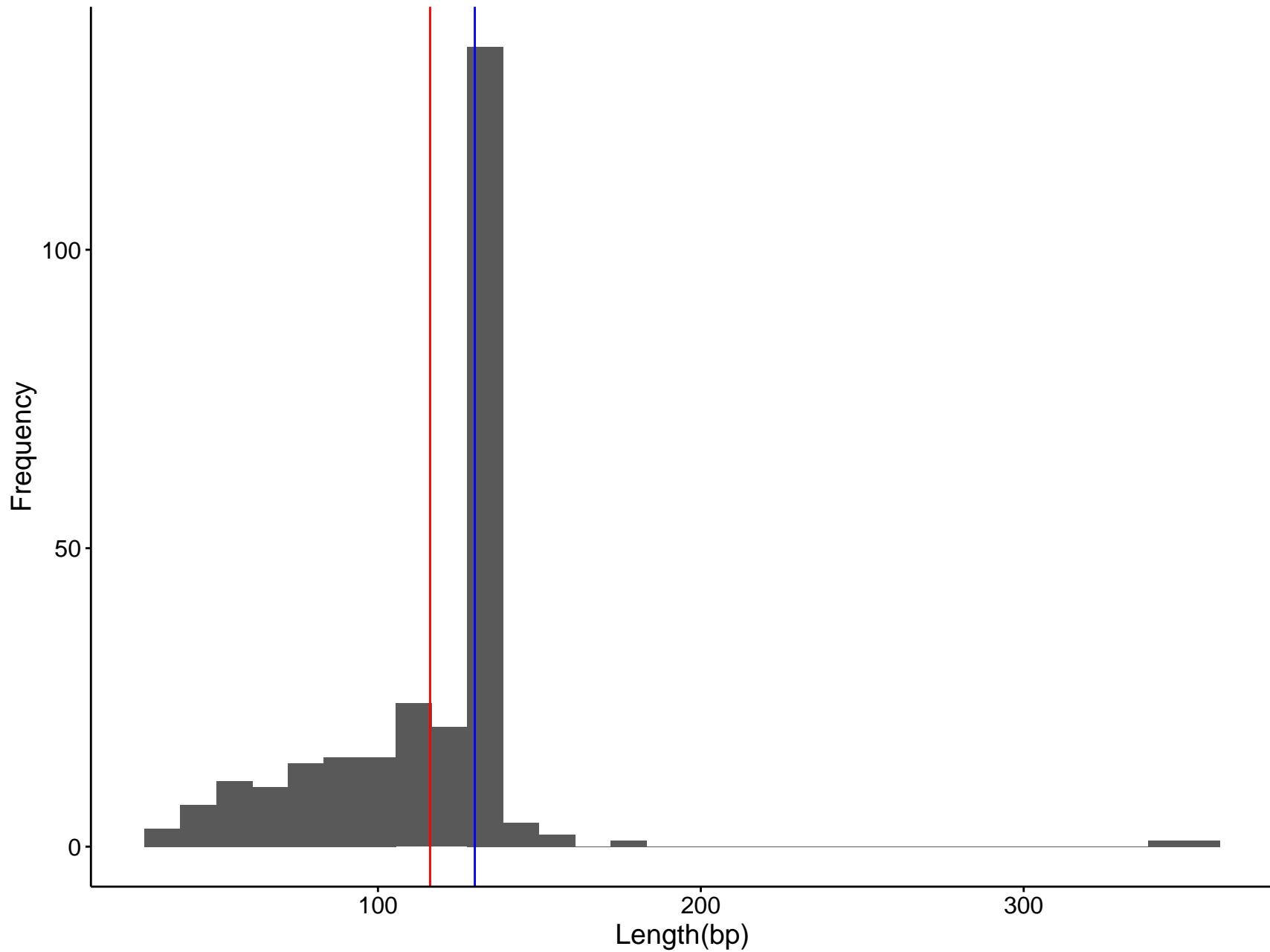
Cluster533



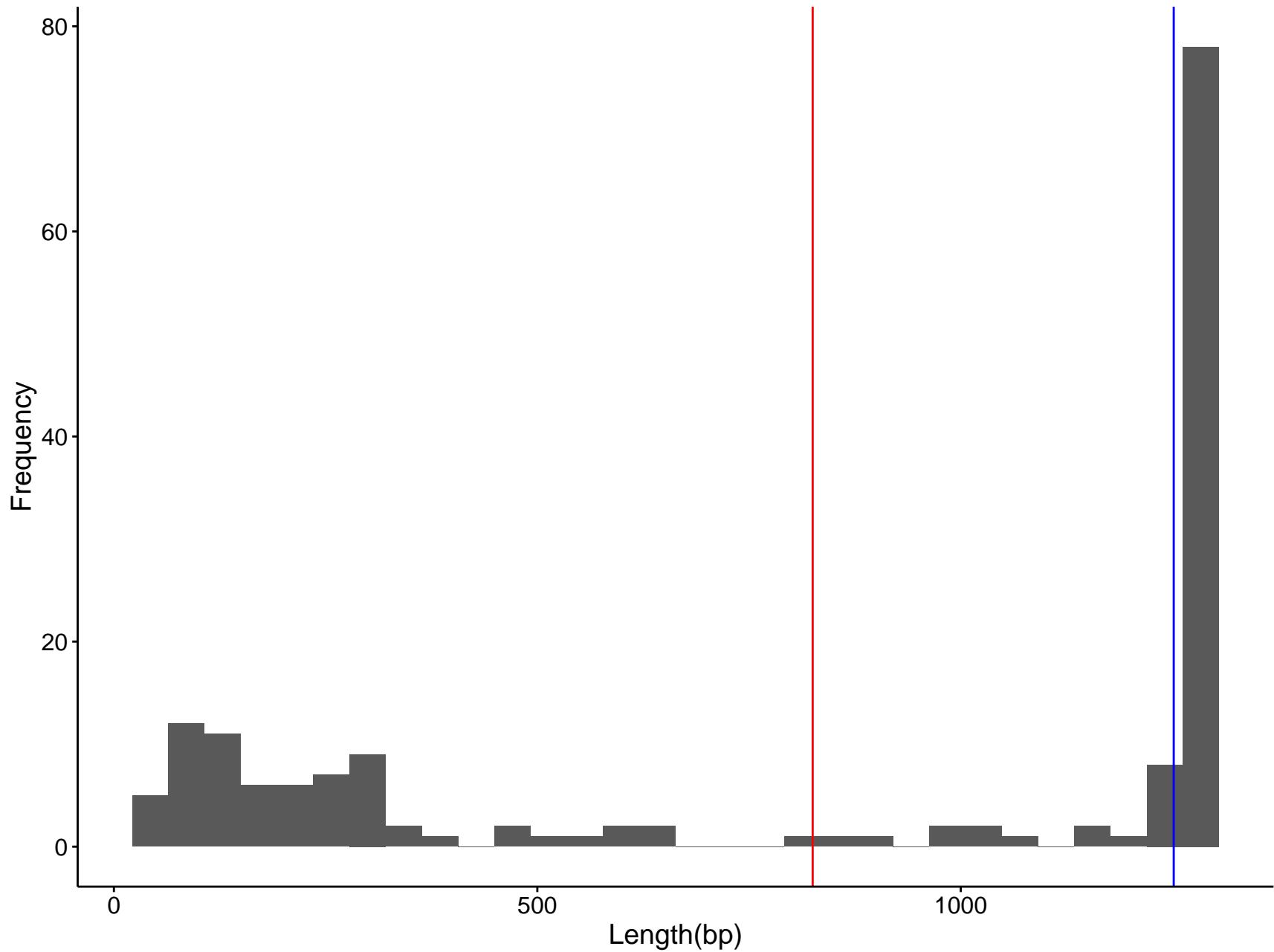
Cluster534



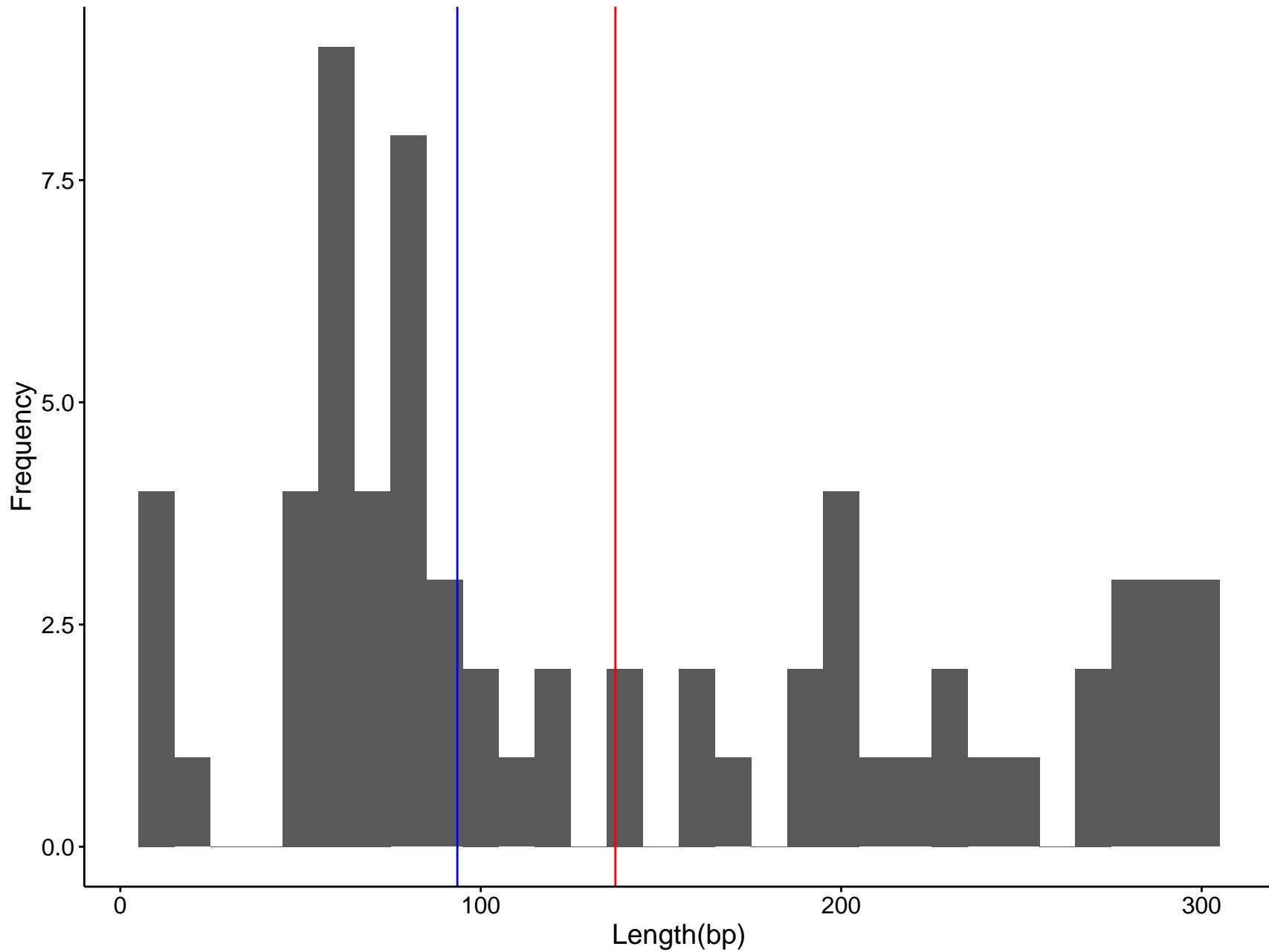
Cluster535



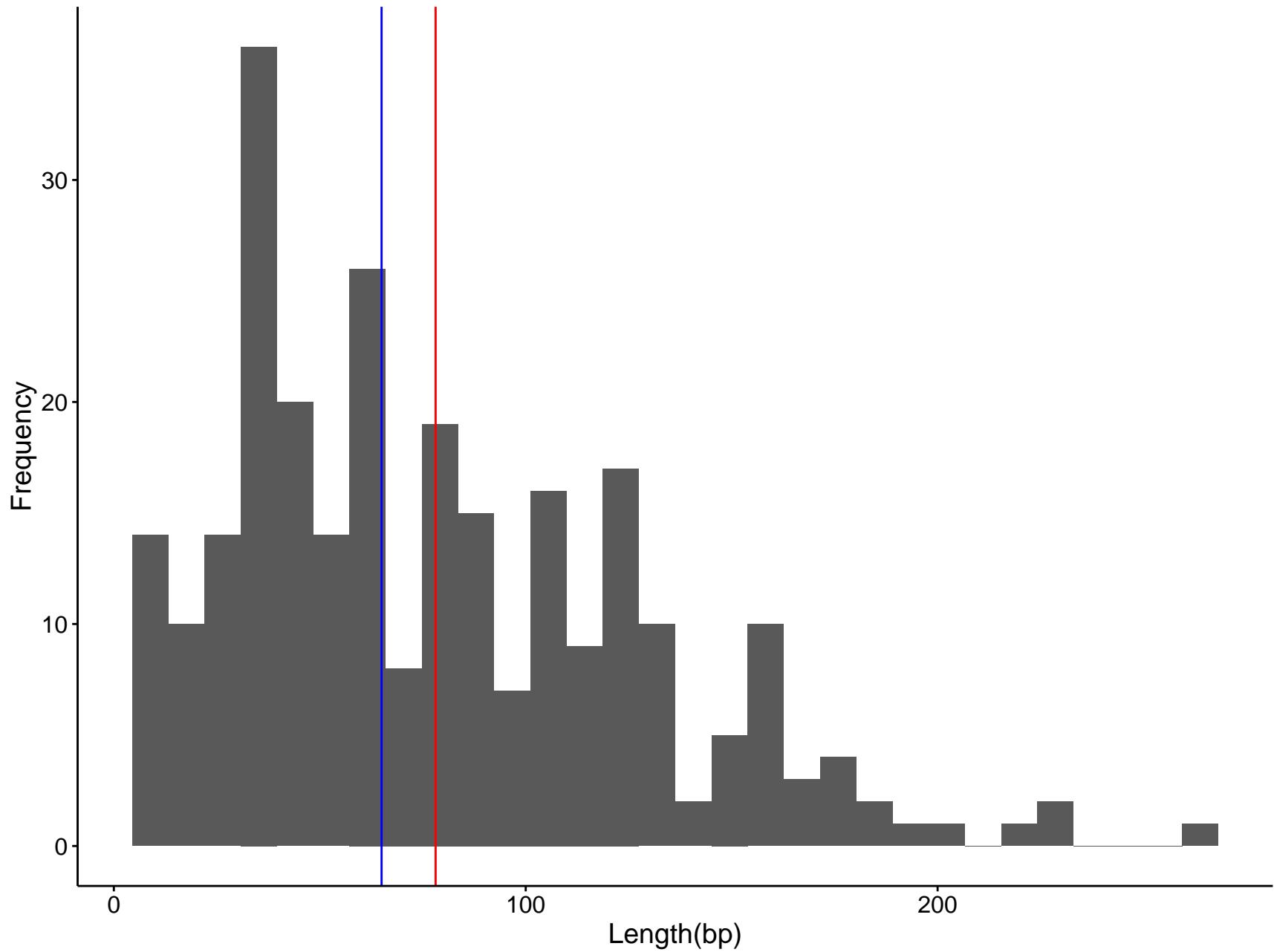
Cluster536



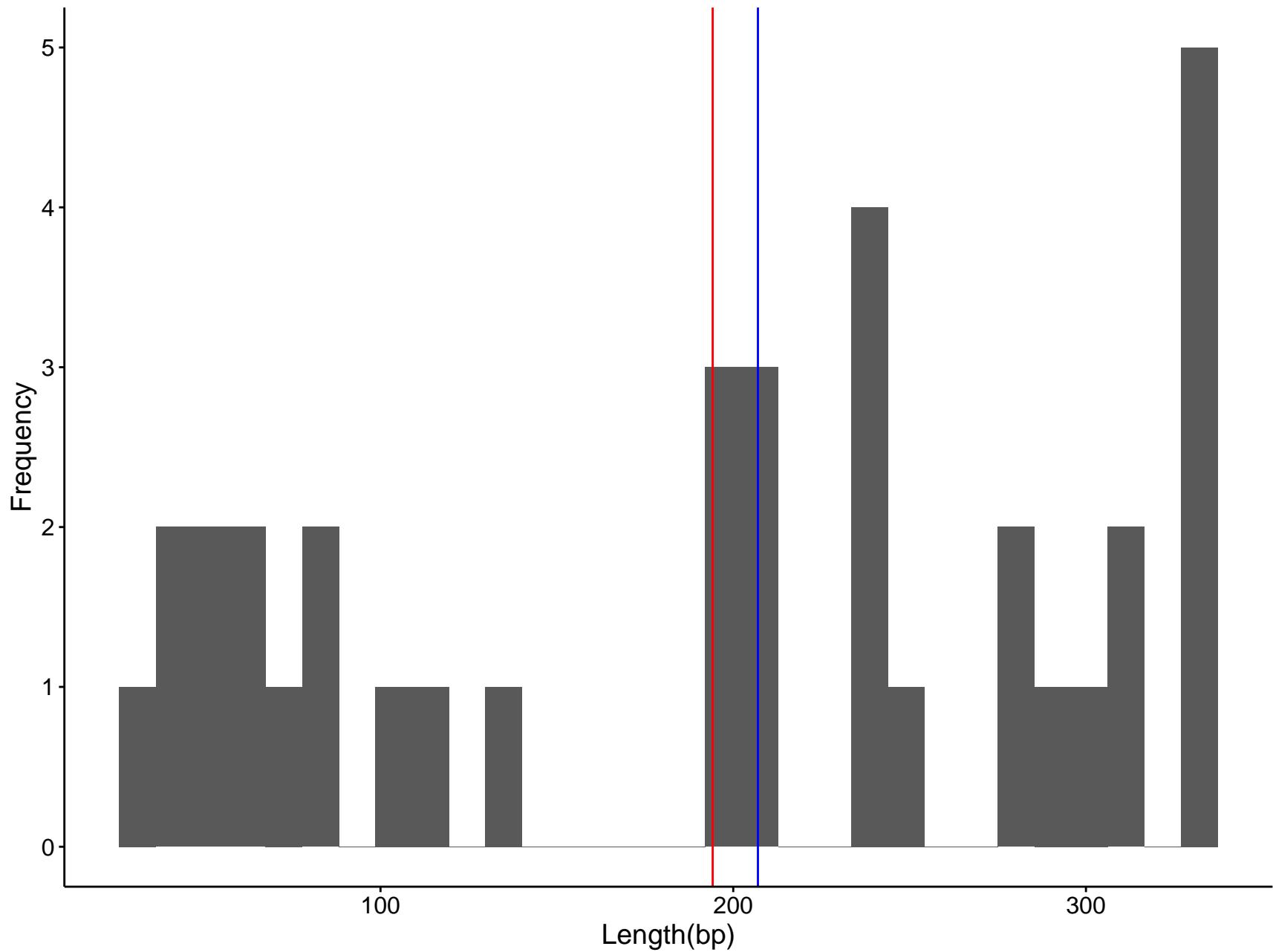
Cluster537



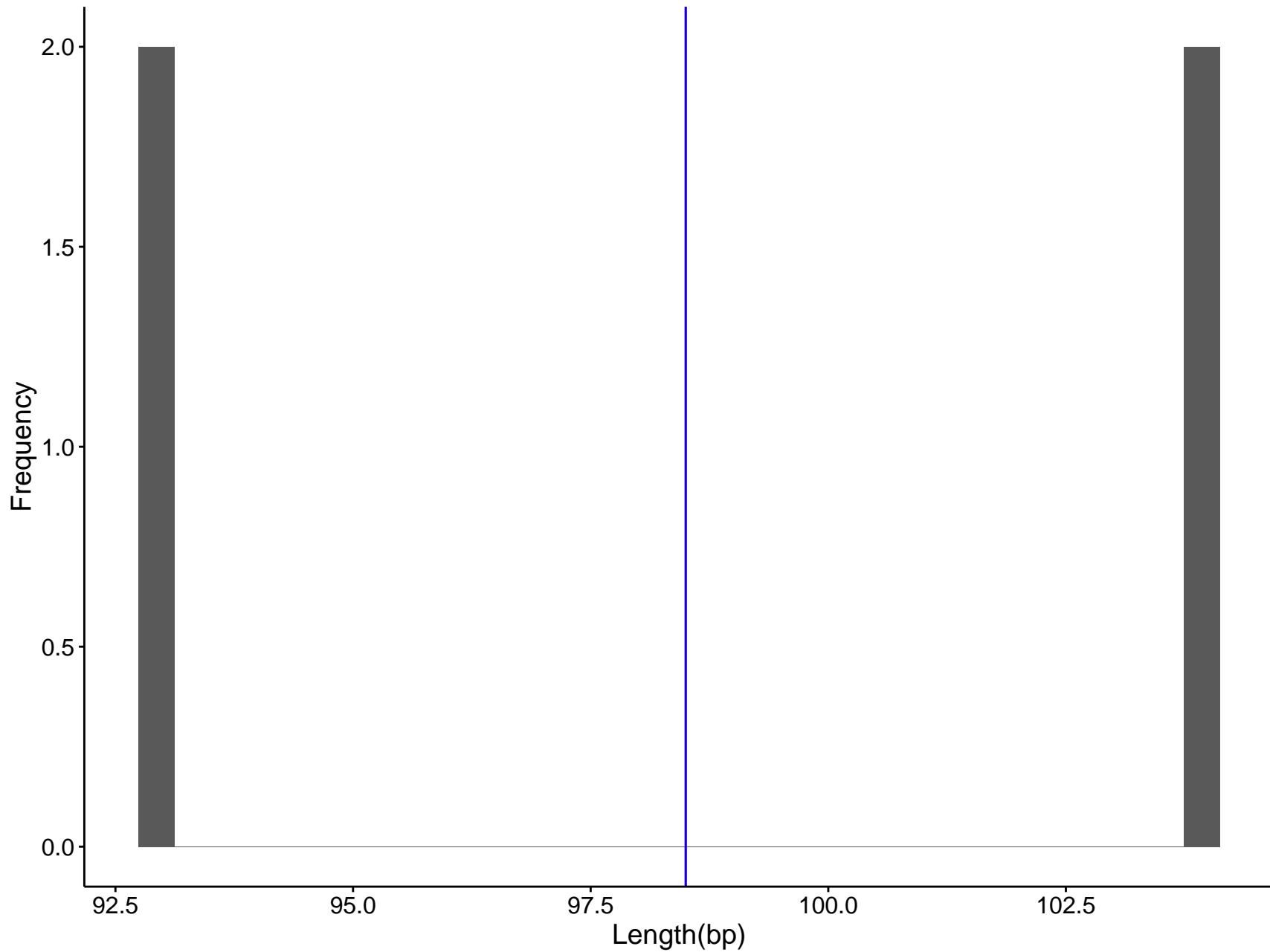
Cluster538



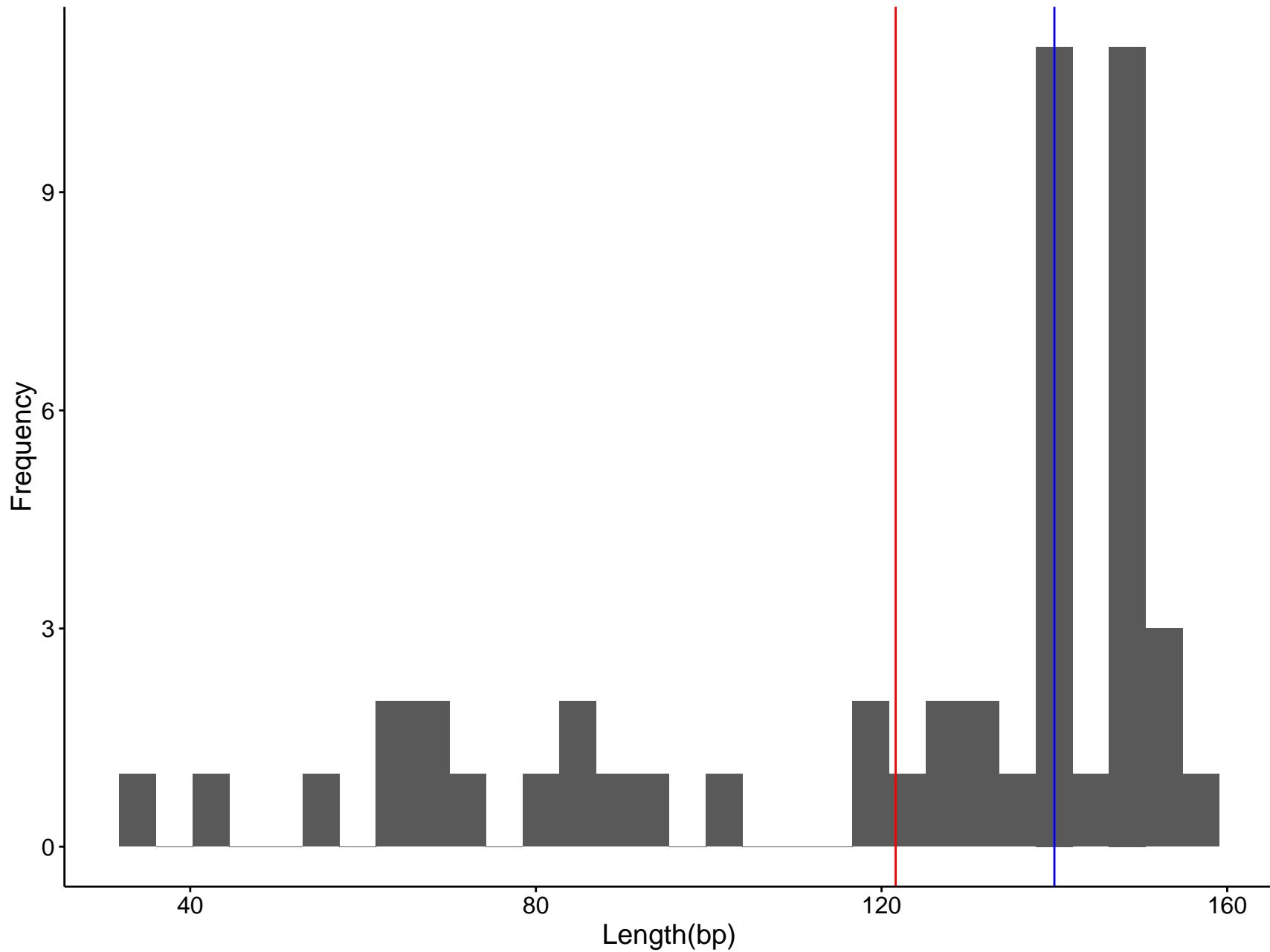
Cluster539



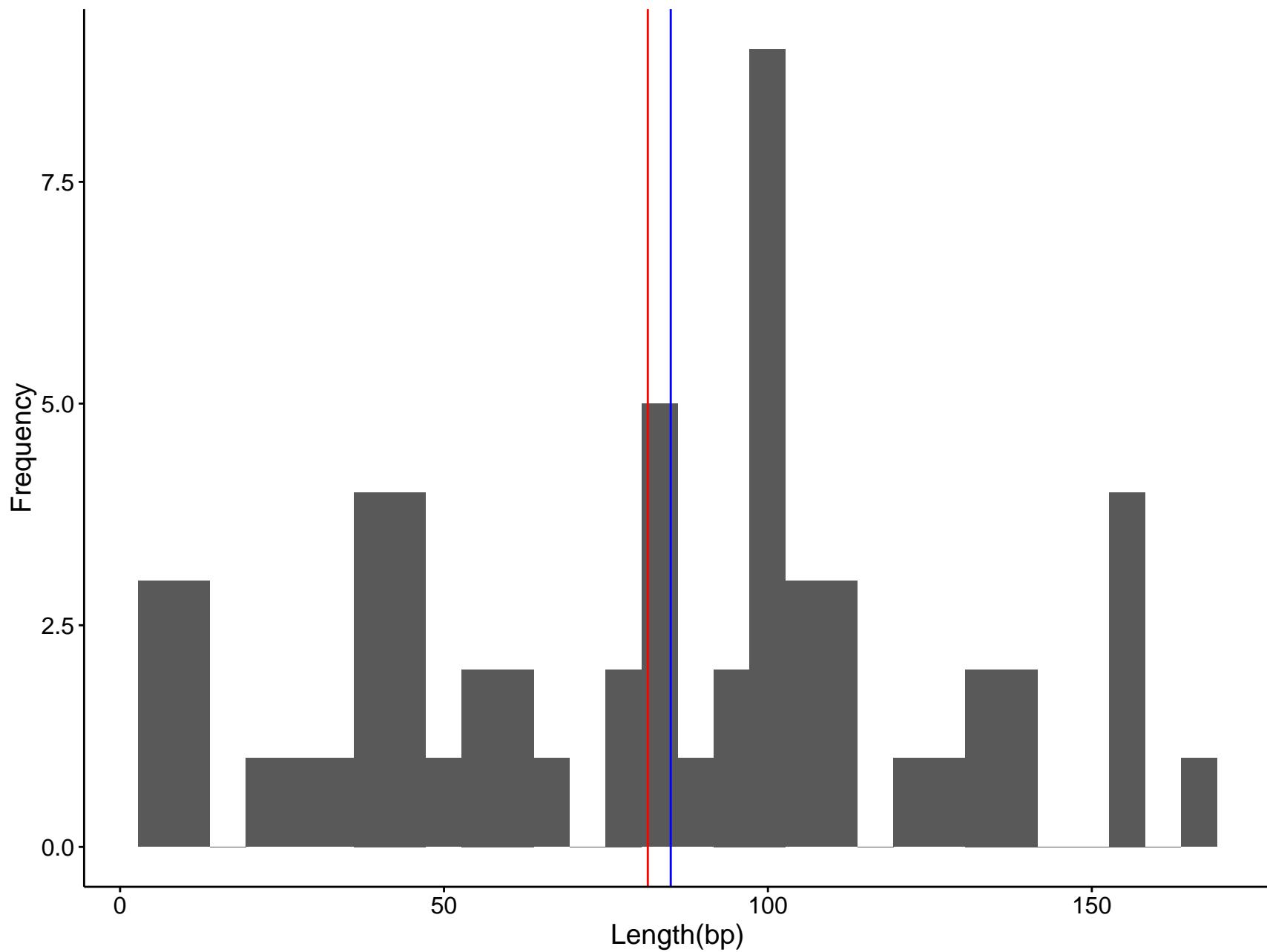
Cluster53



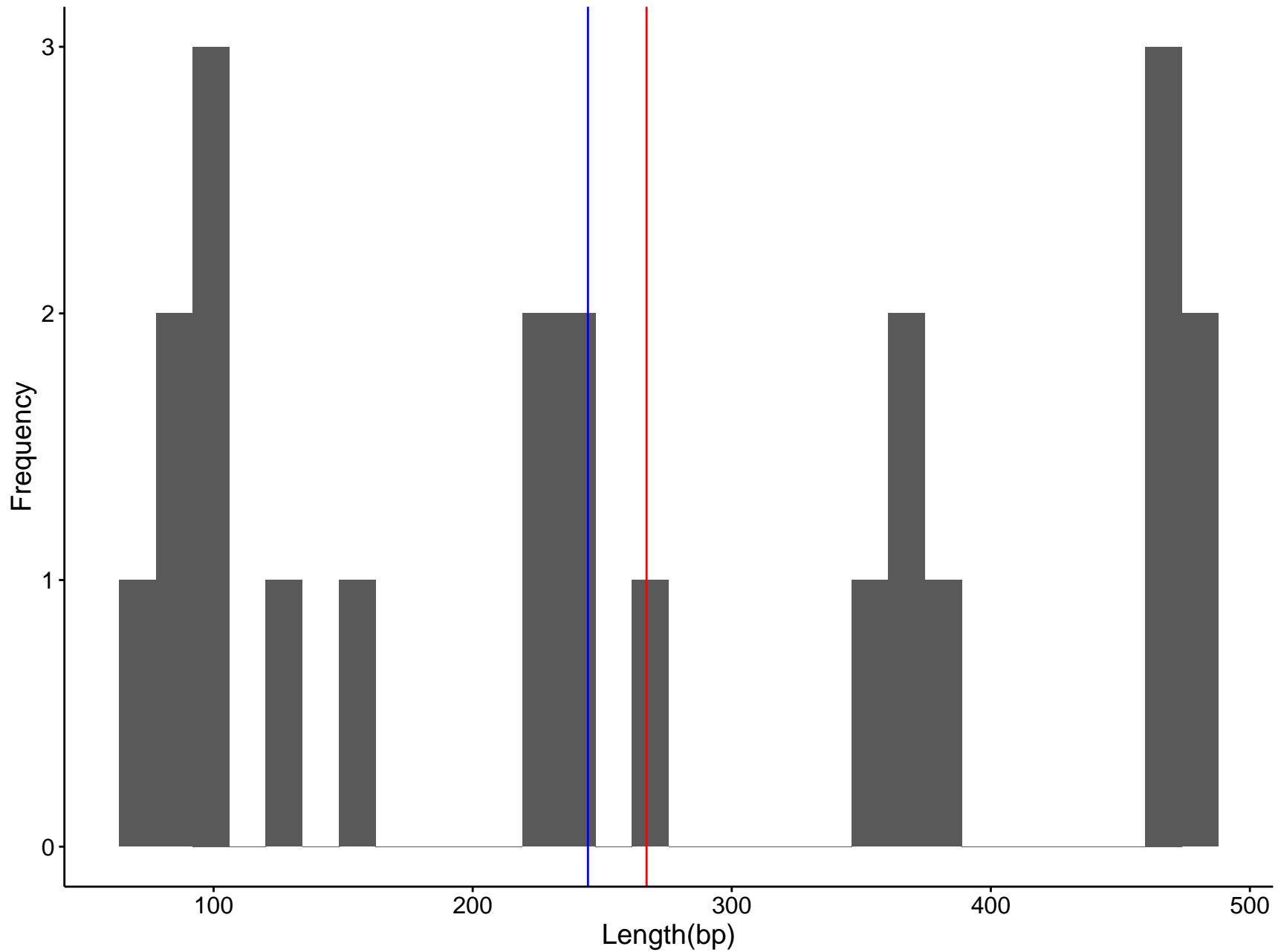
Cluster540



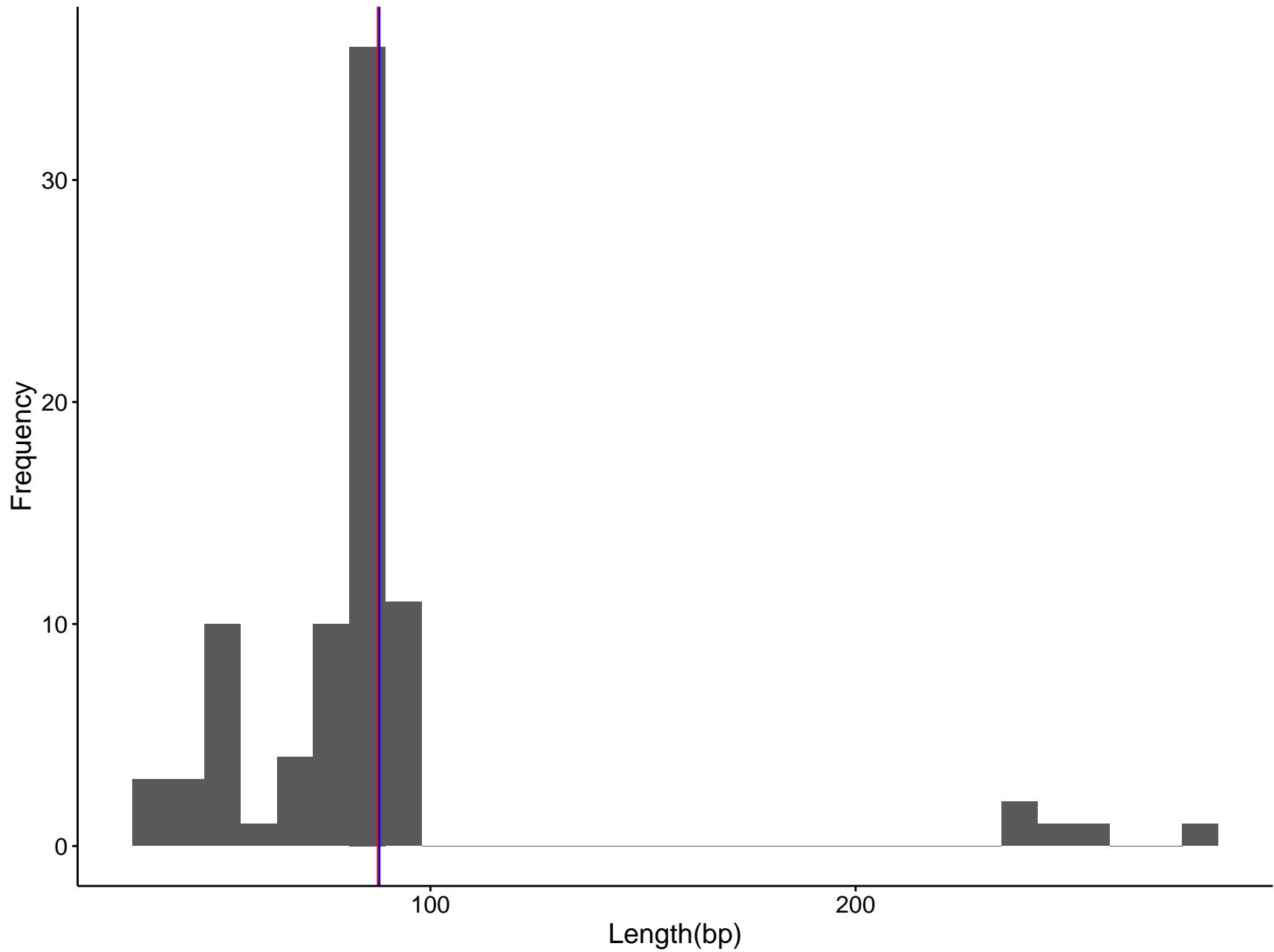
Cluster541



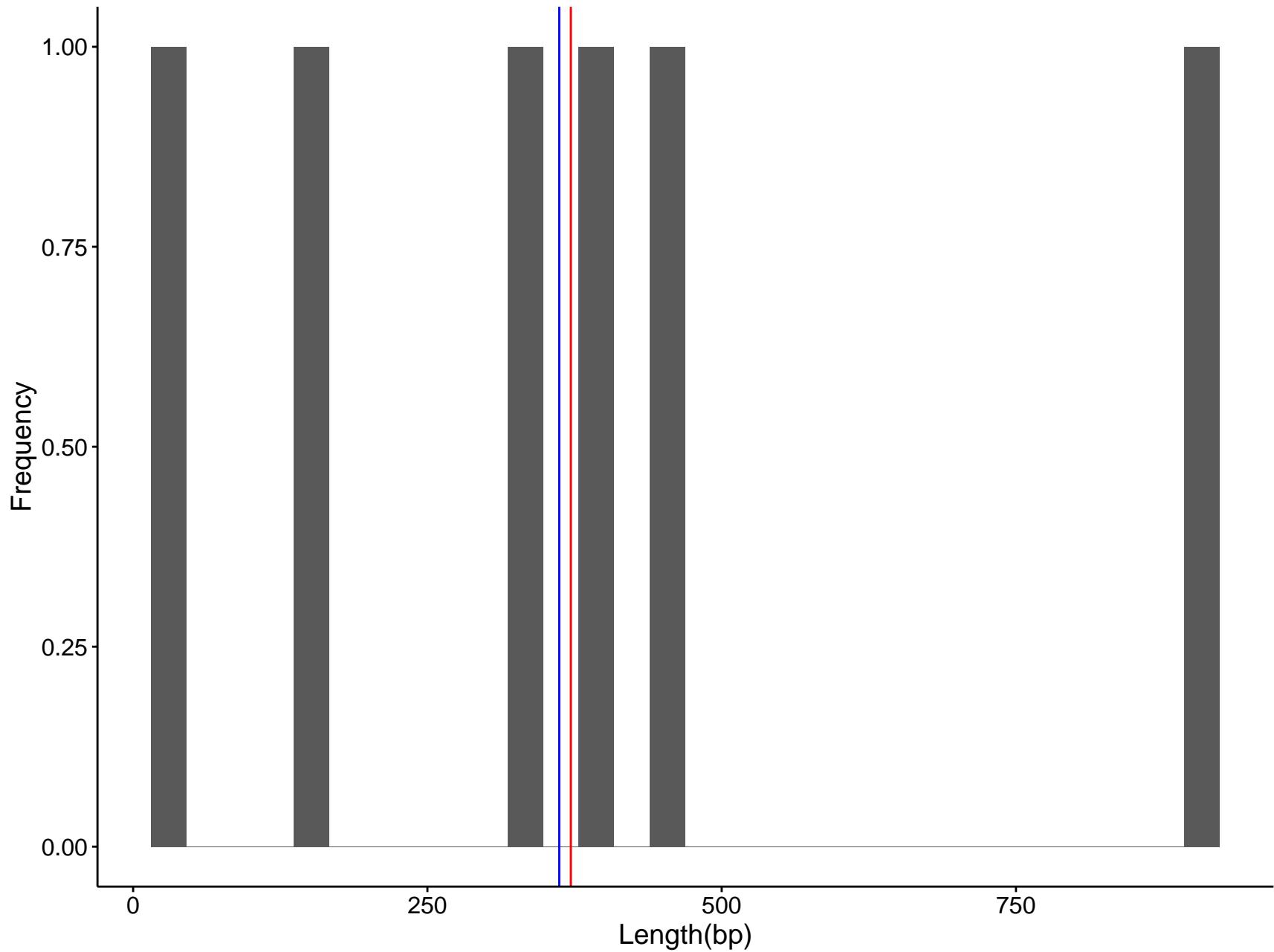
Cluster542



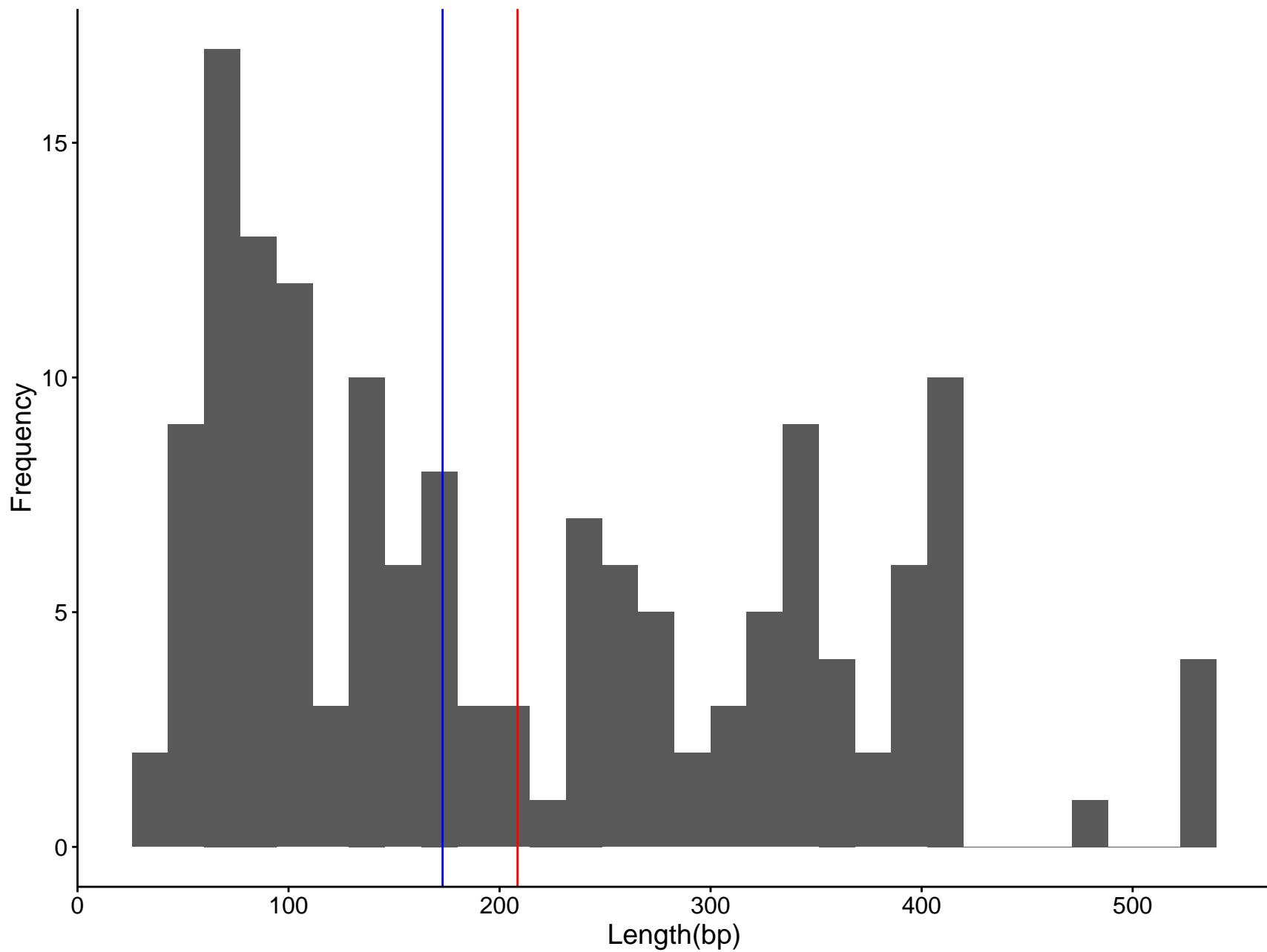
Cluster543



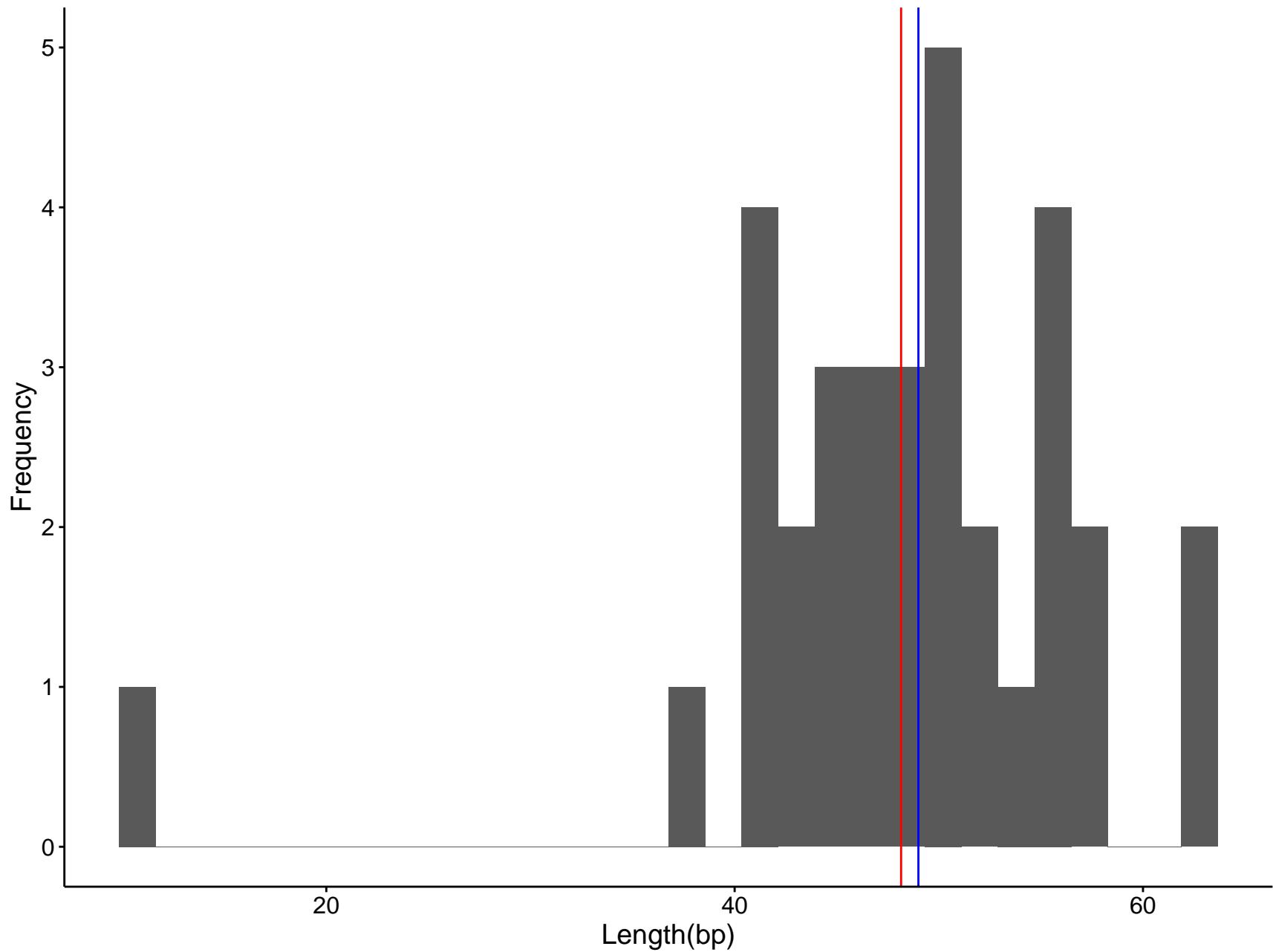
Cluster544



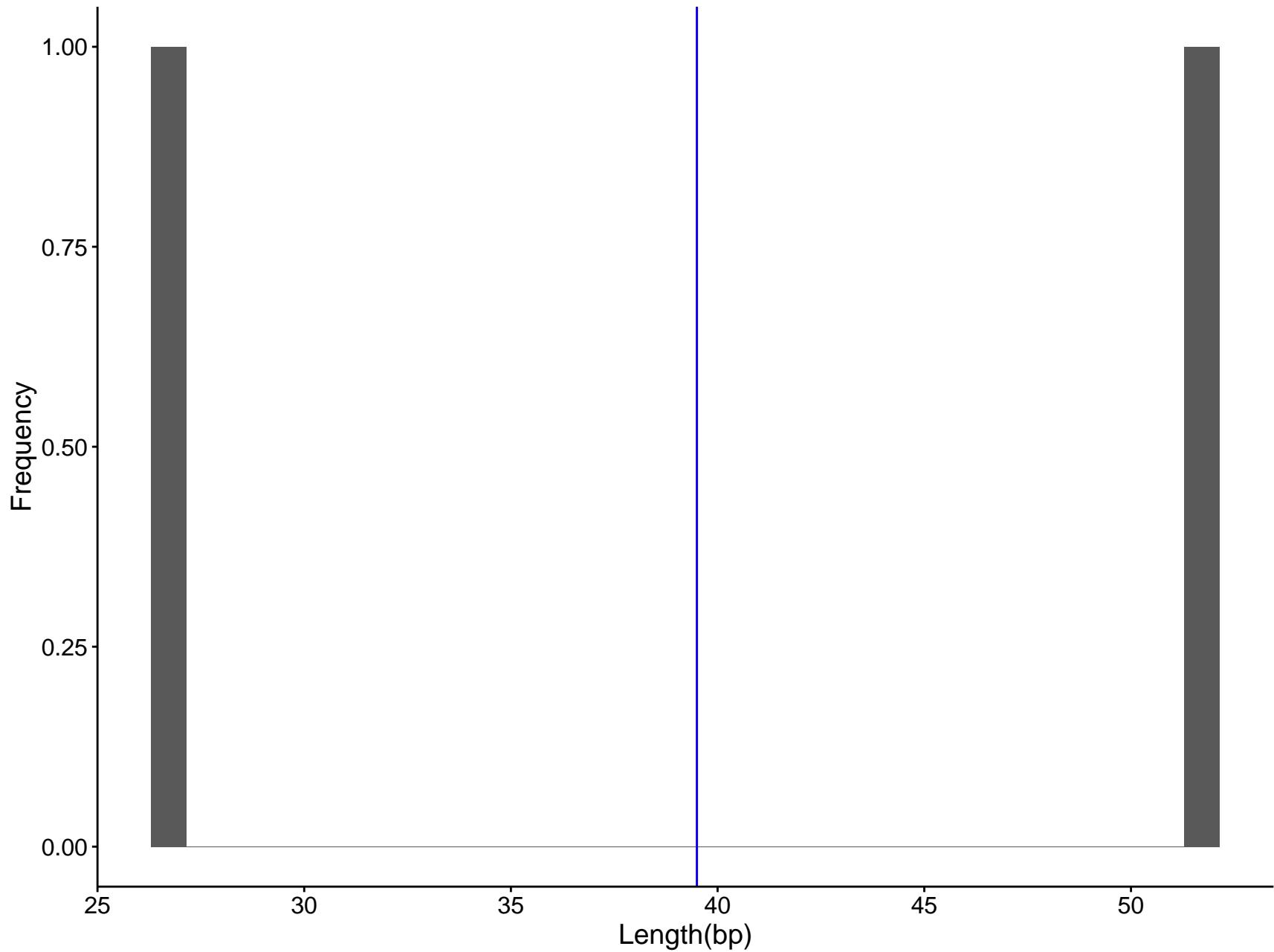
Cluster545



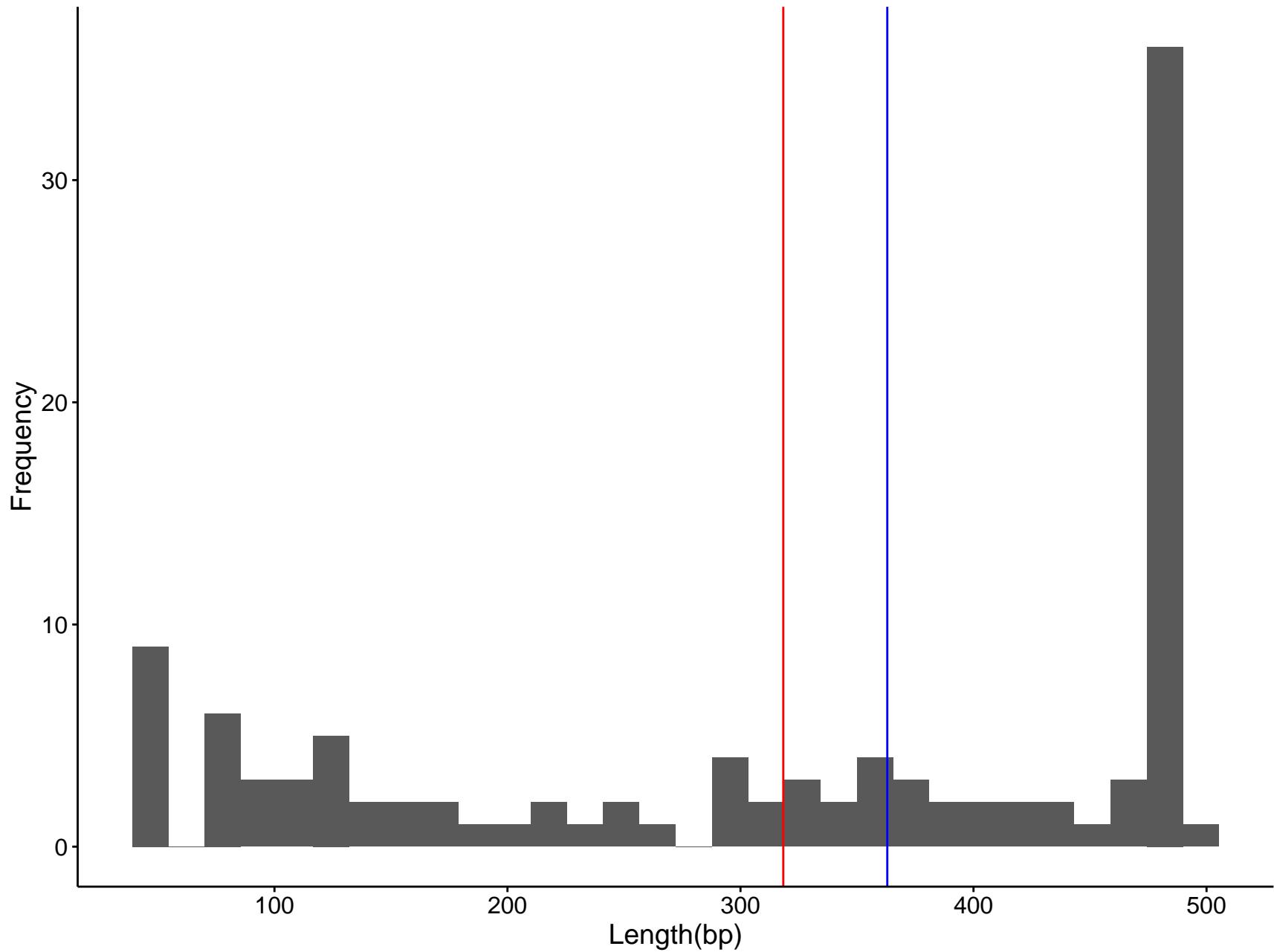
Cluster546



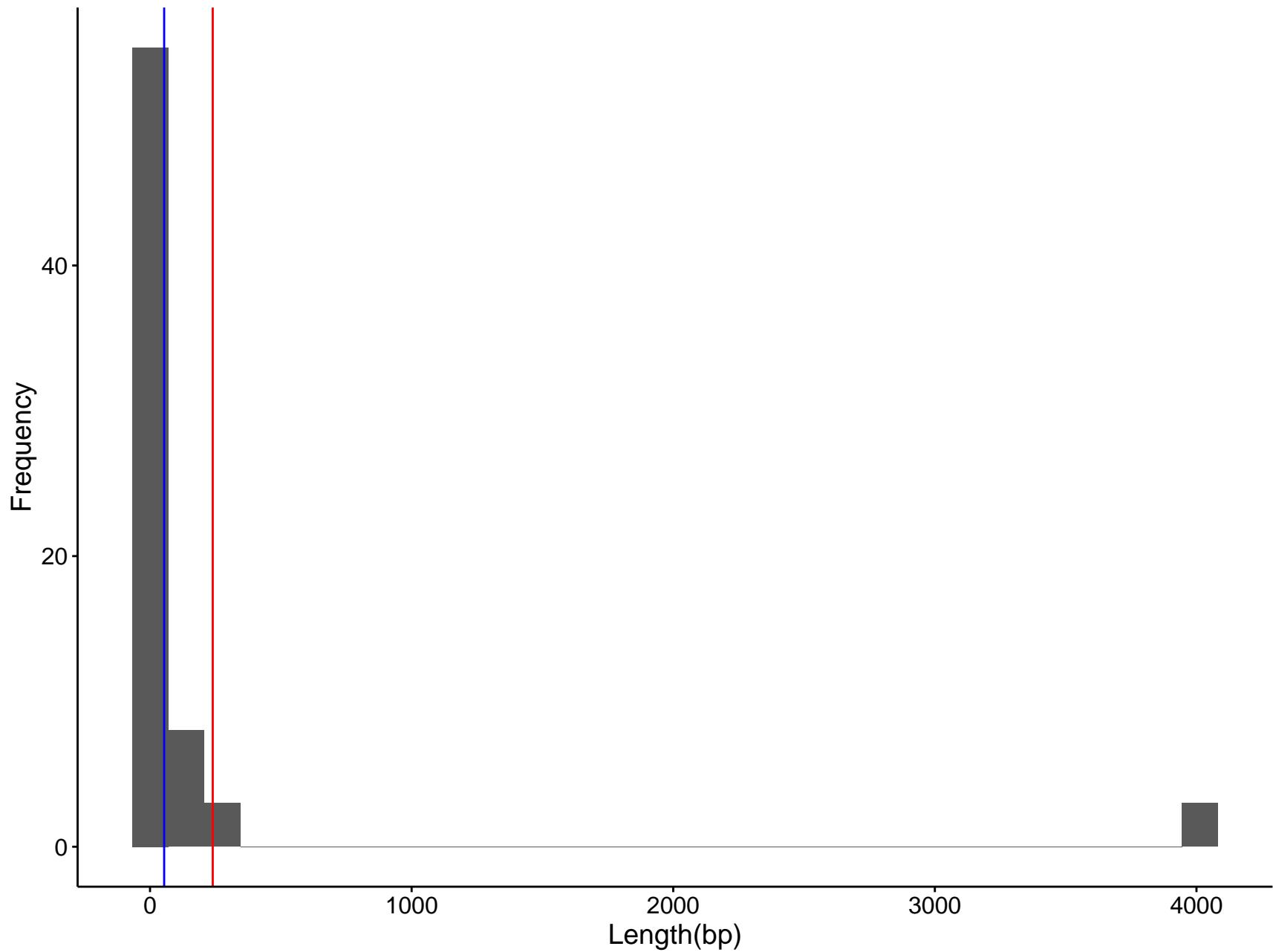
Cluster547



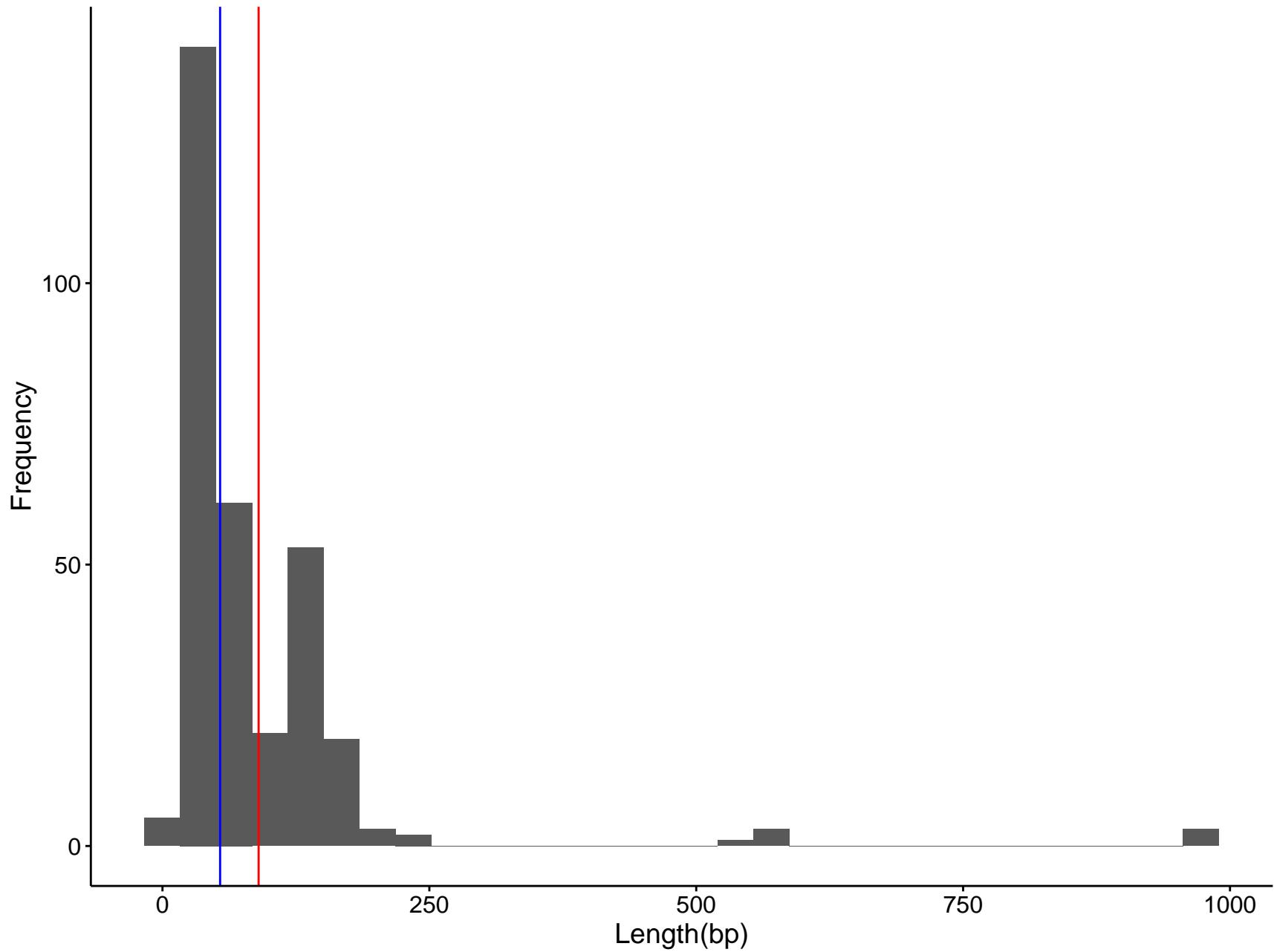
Cluster548

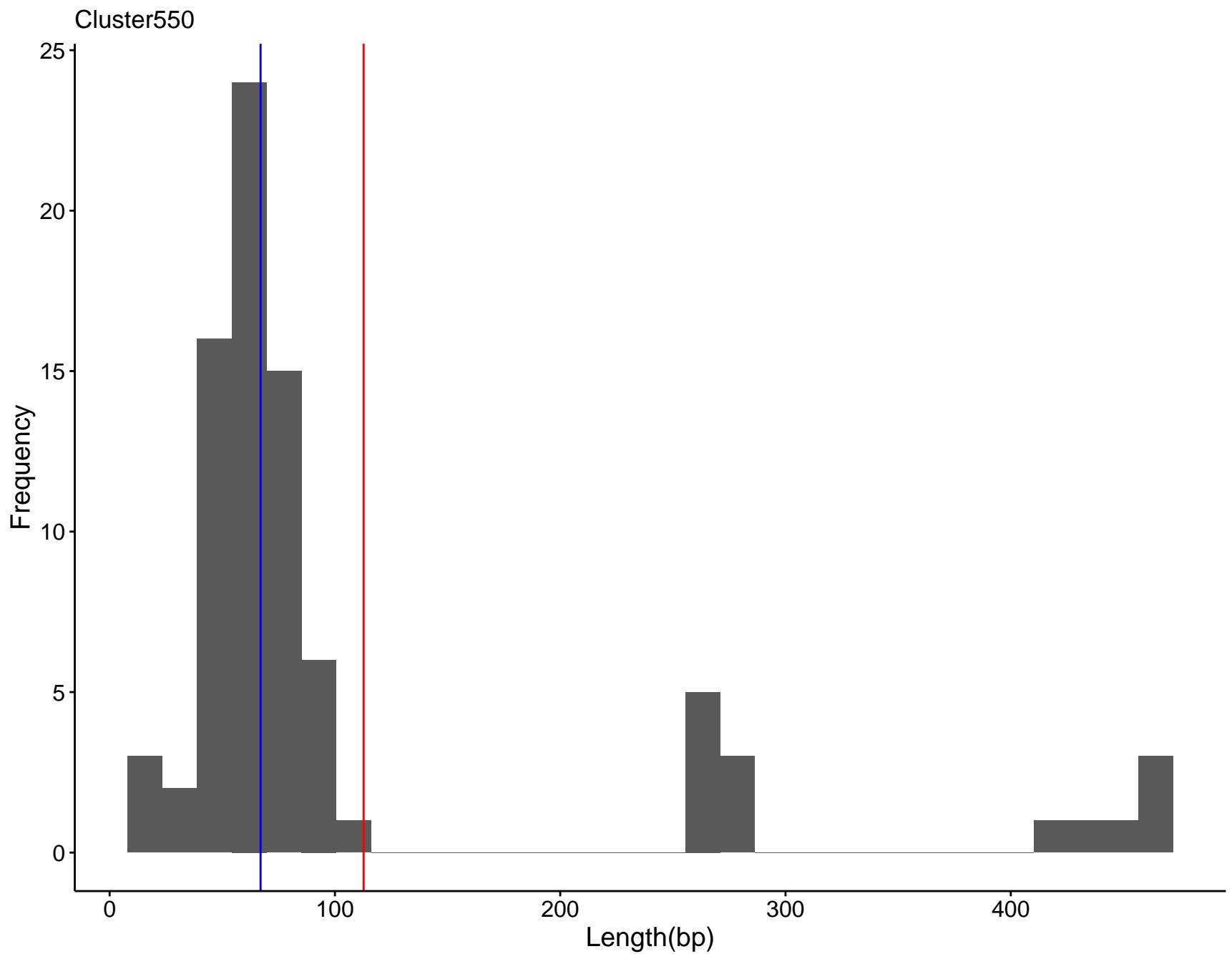


Cluster549

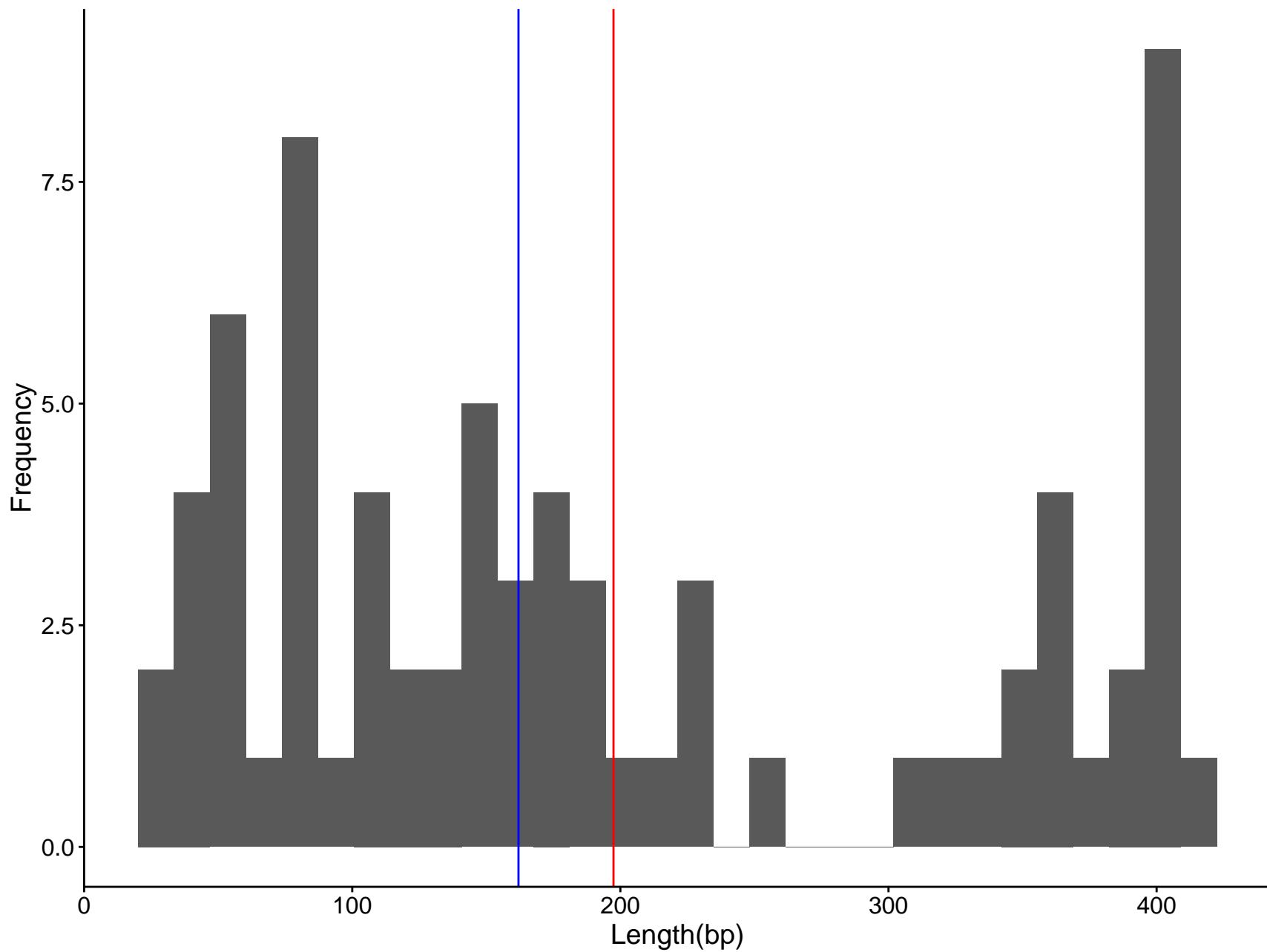


Cluster54

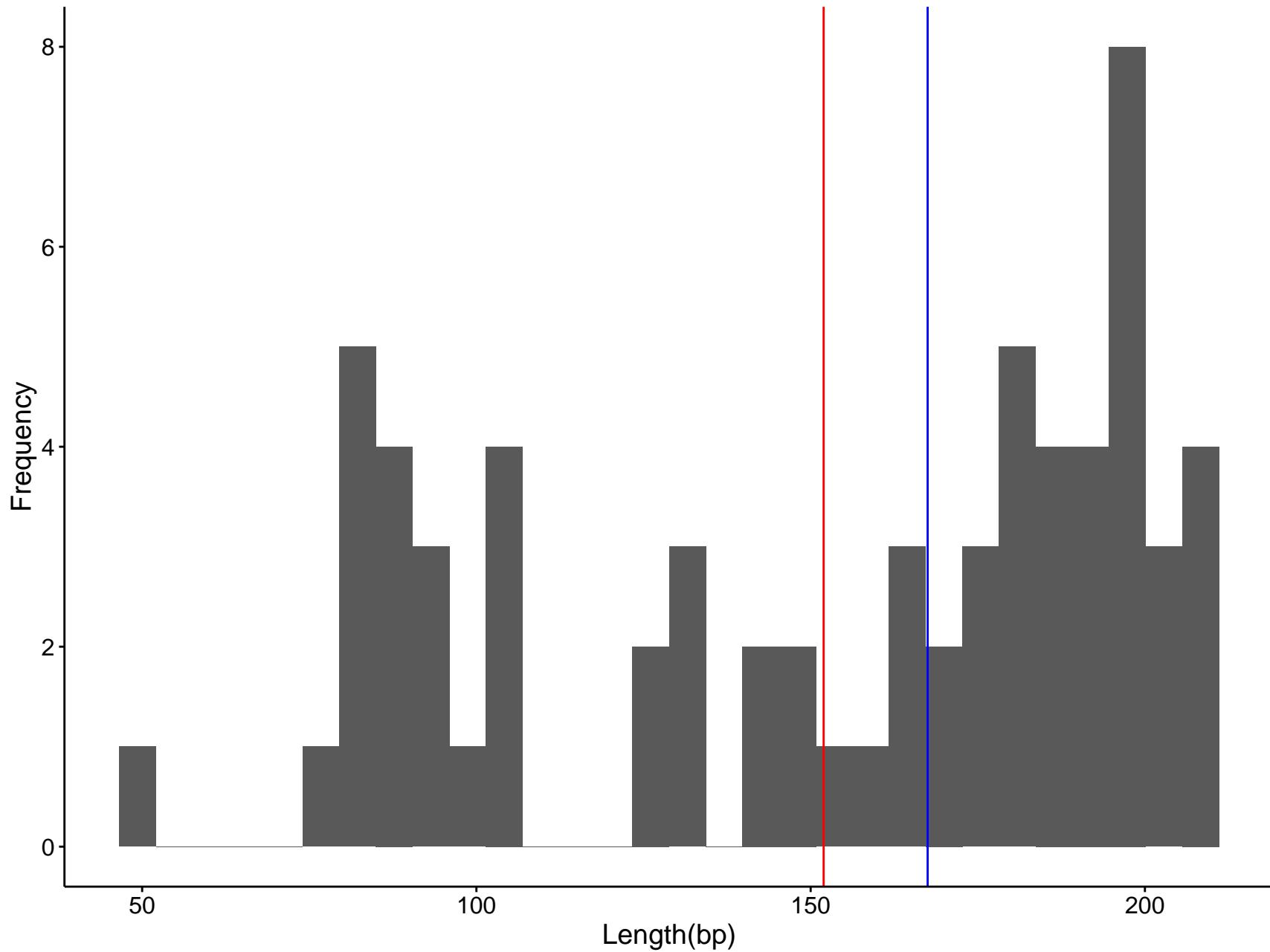




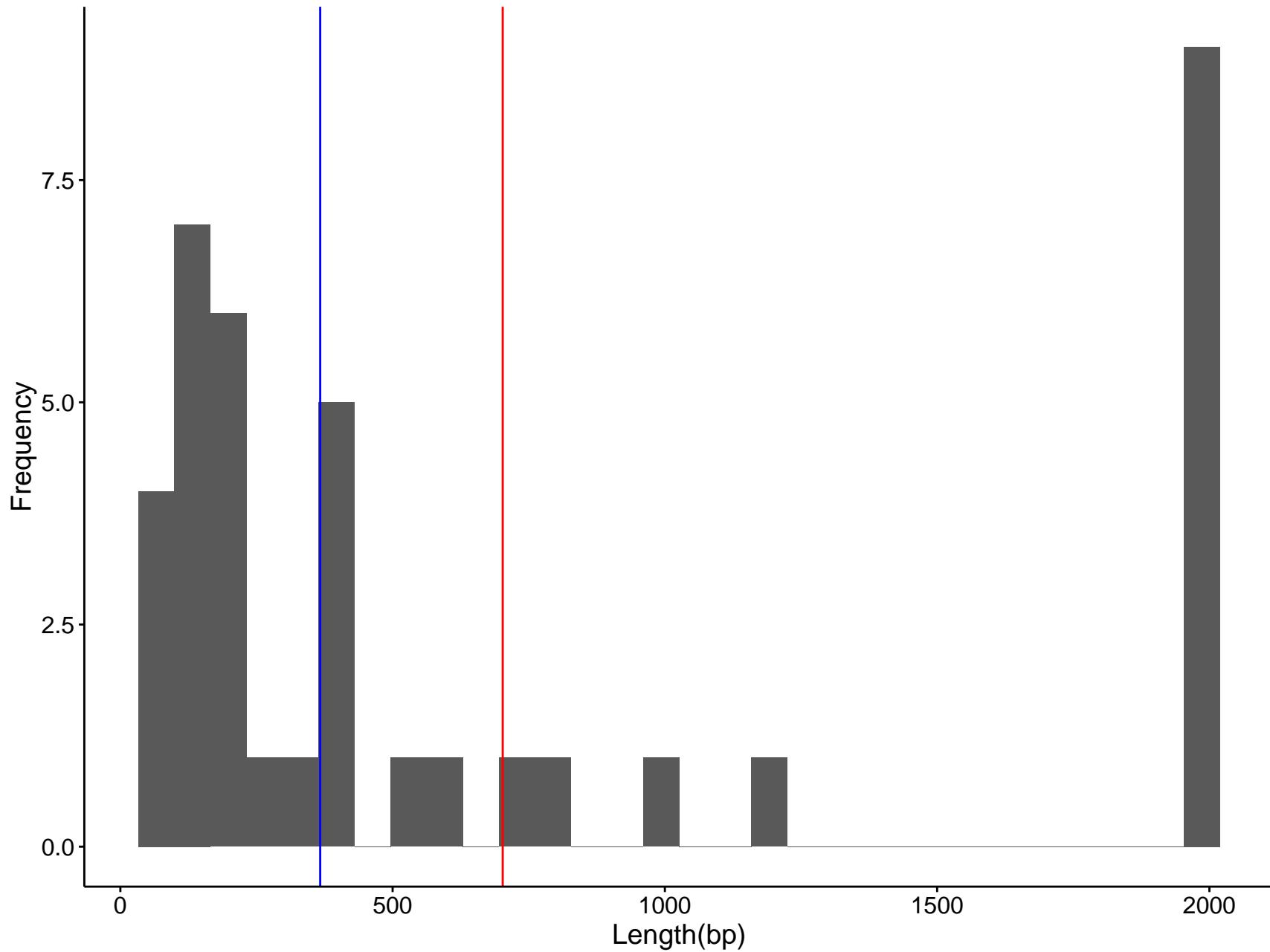
Cluster551



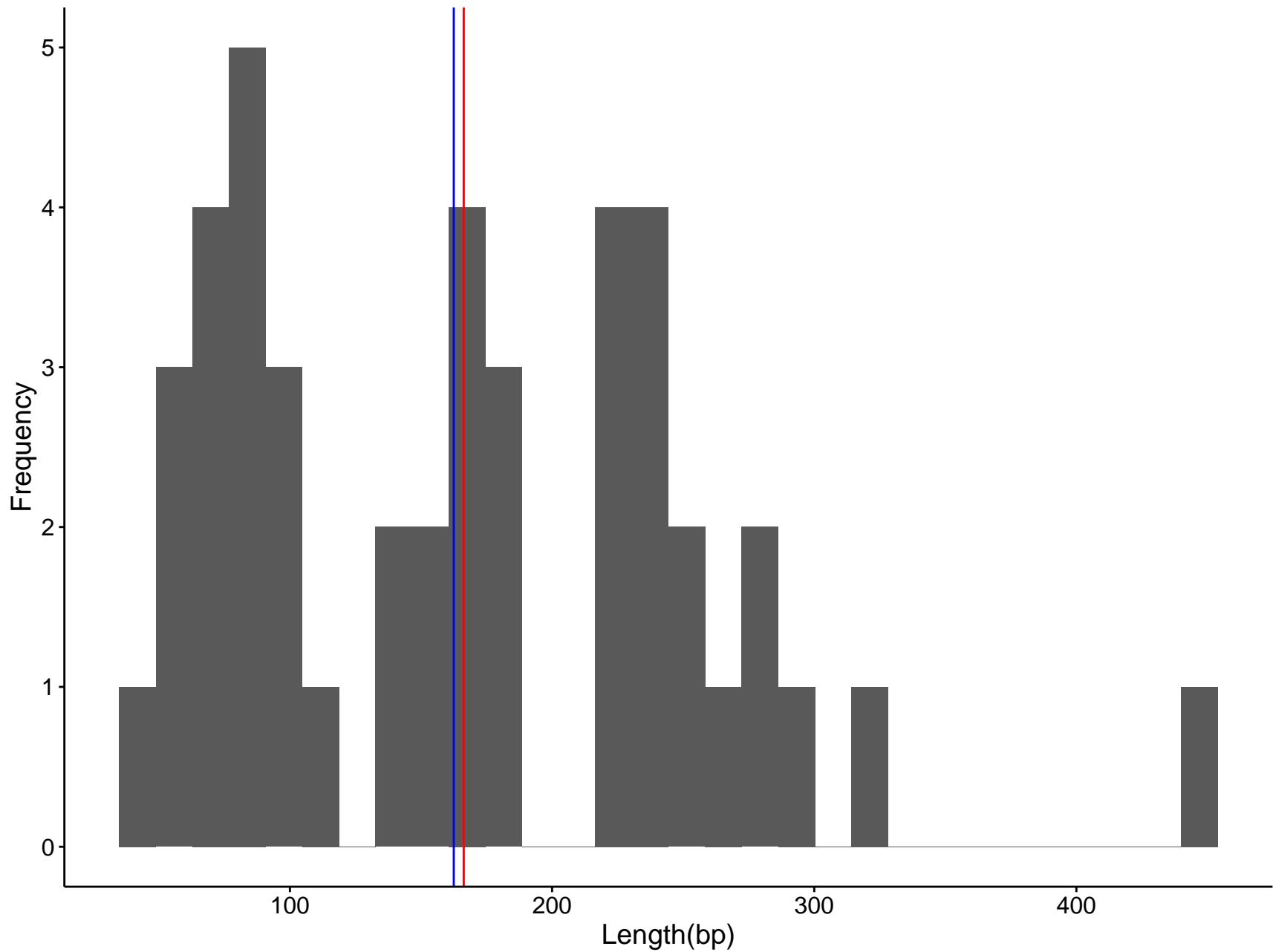
Cluster552



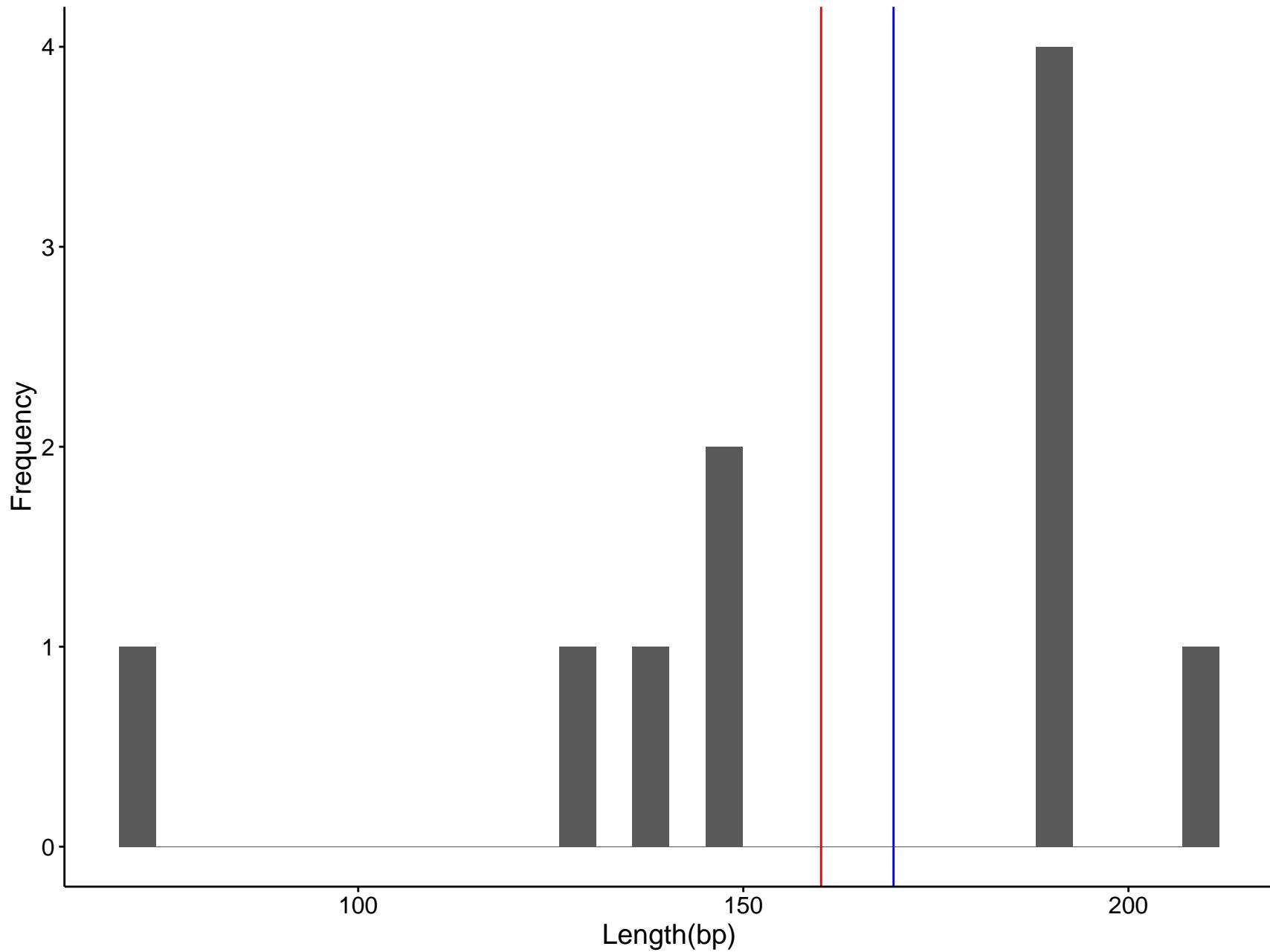
Cluster553



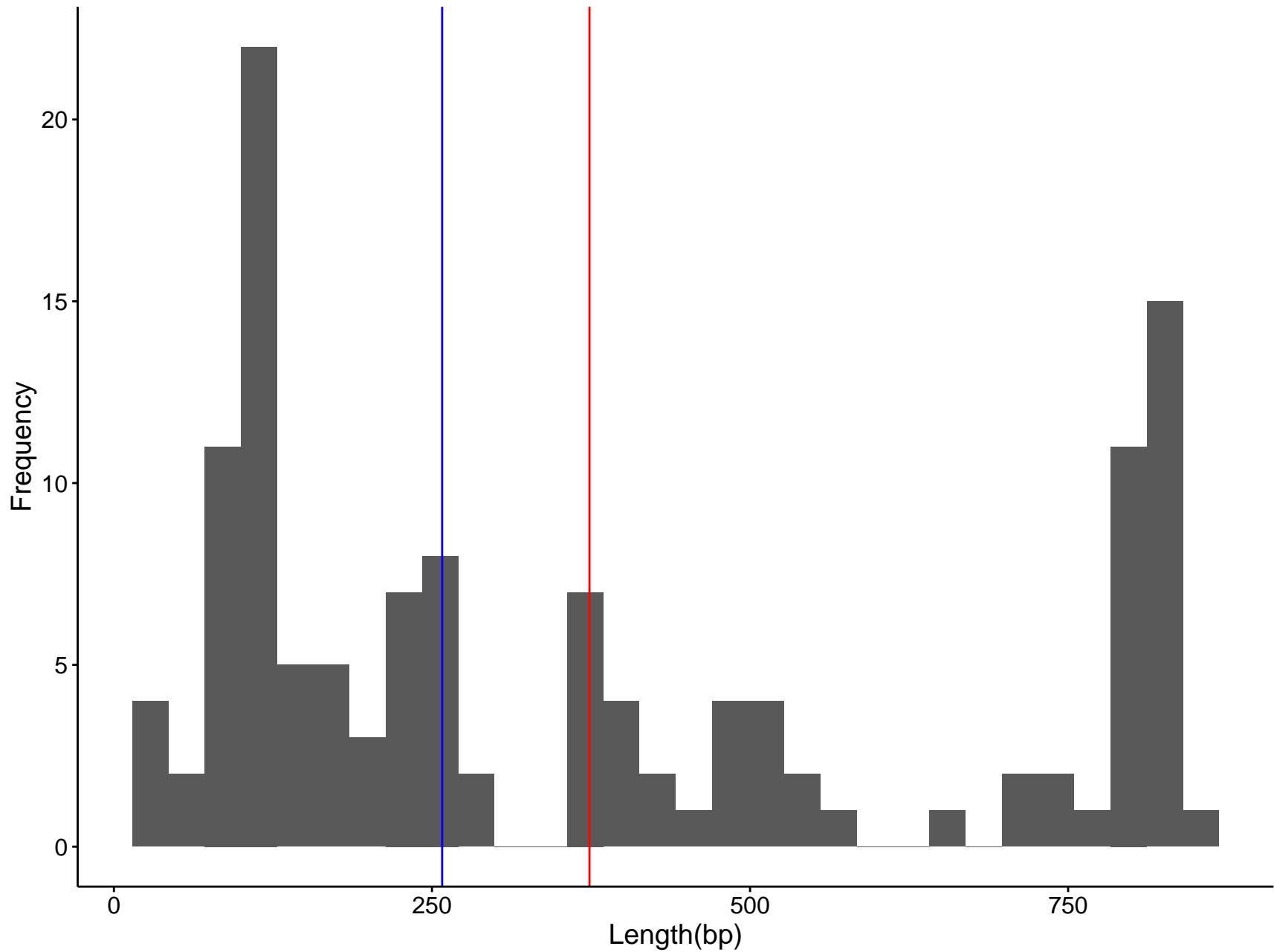
Cluster554



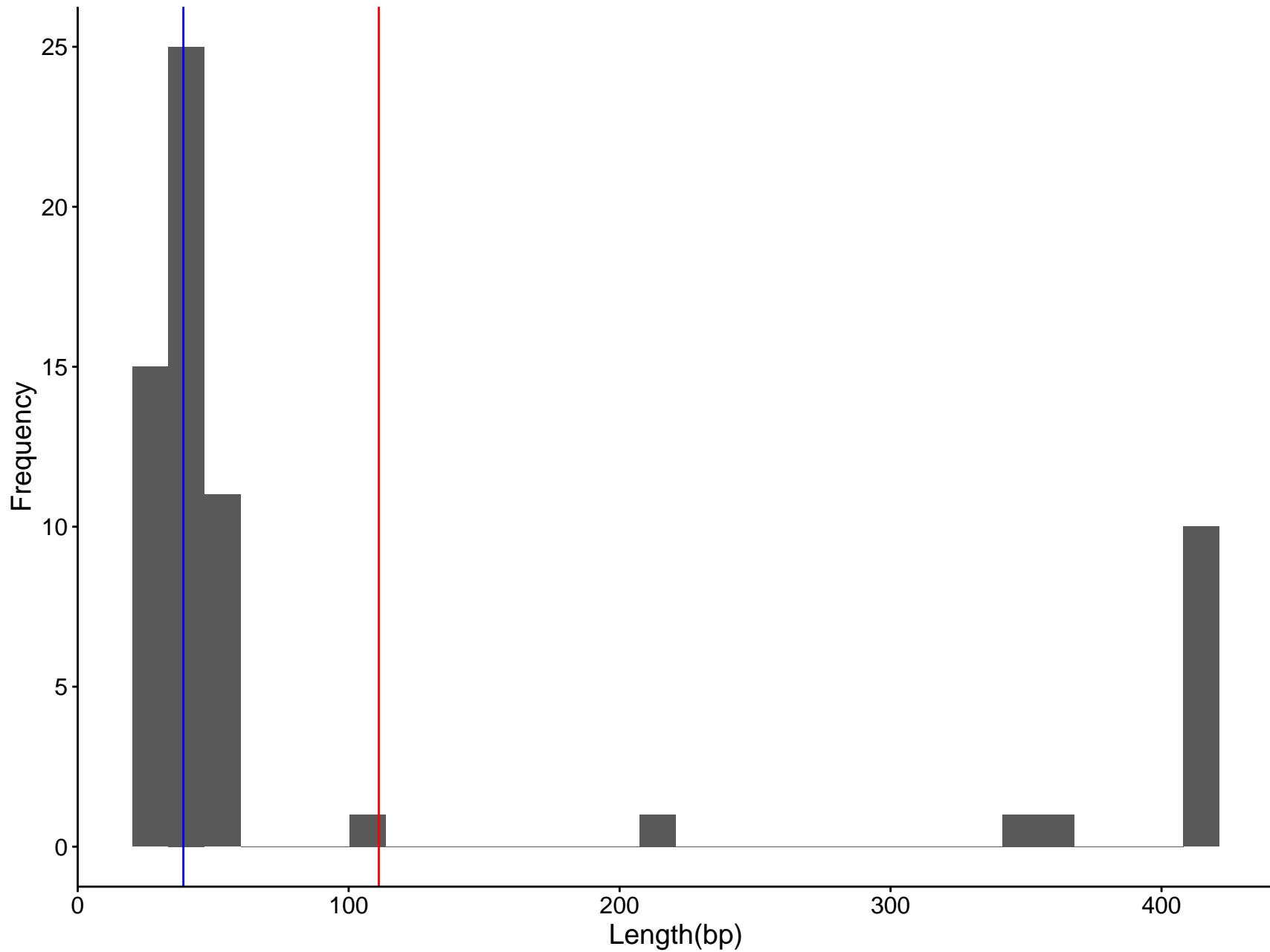
Cluster555



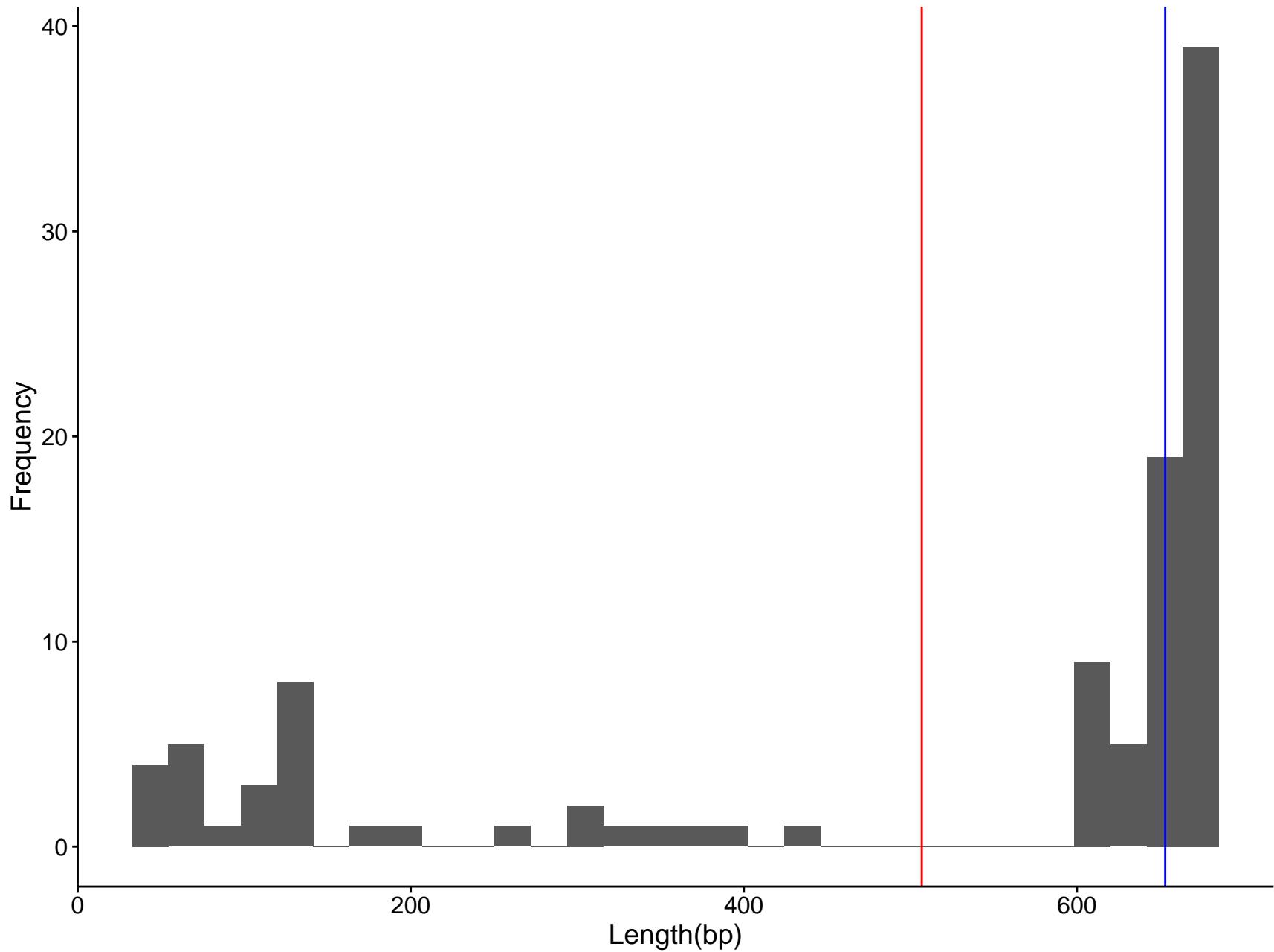
Cluster556



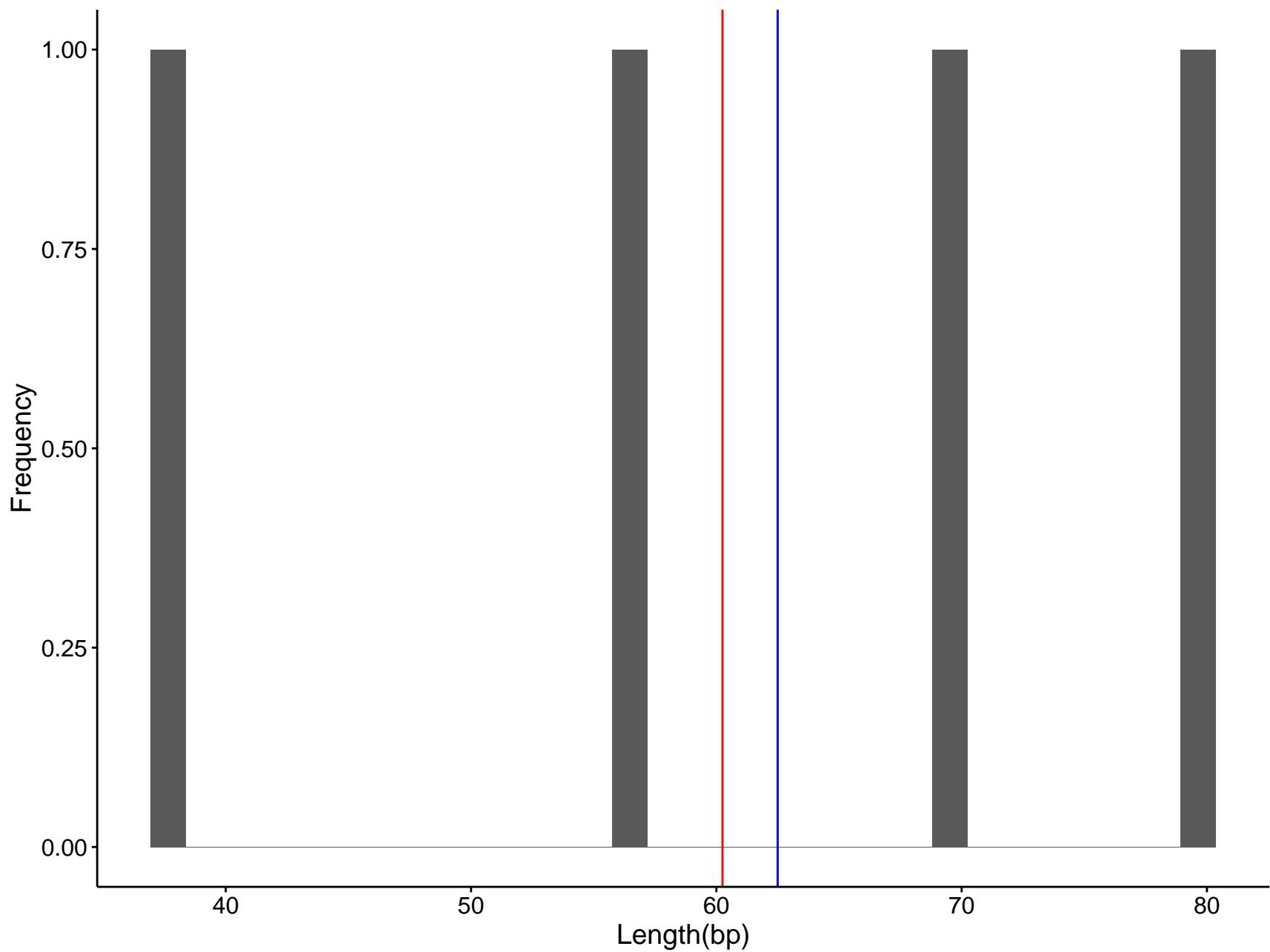
Cluster557



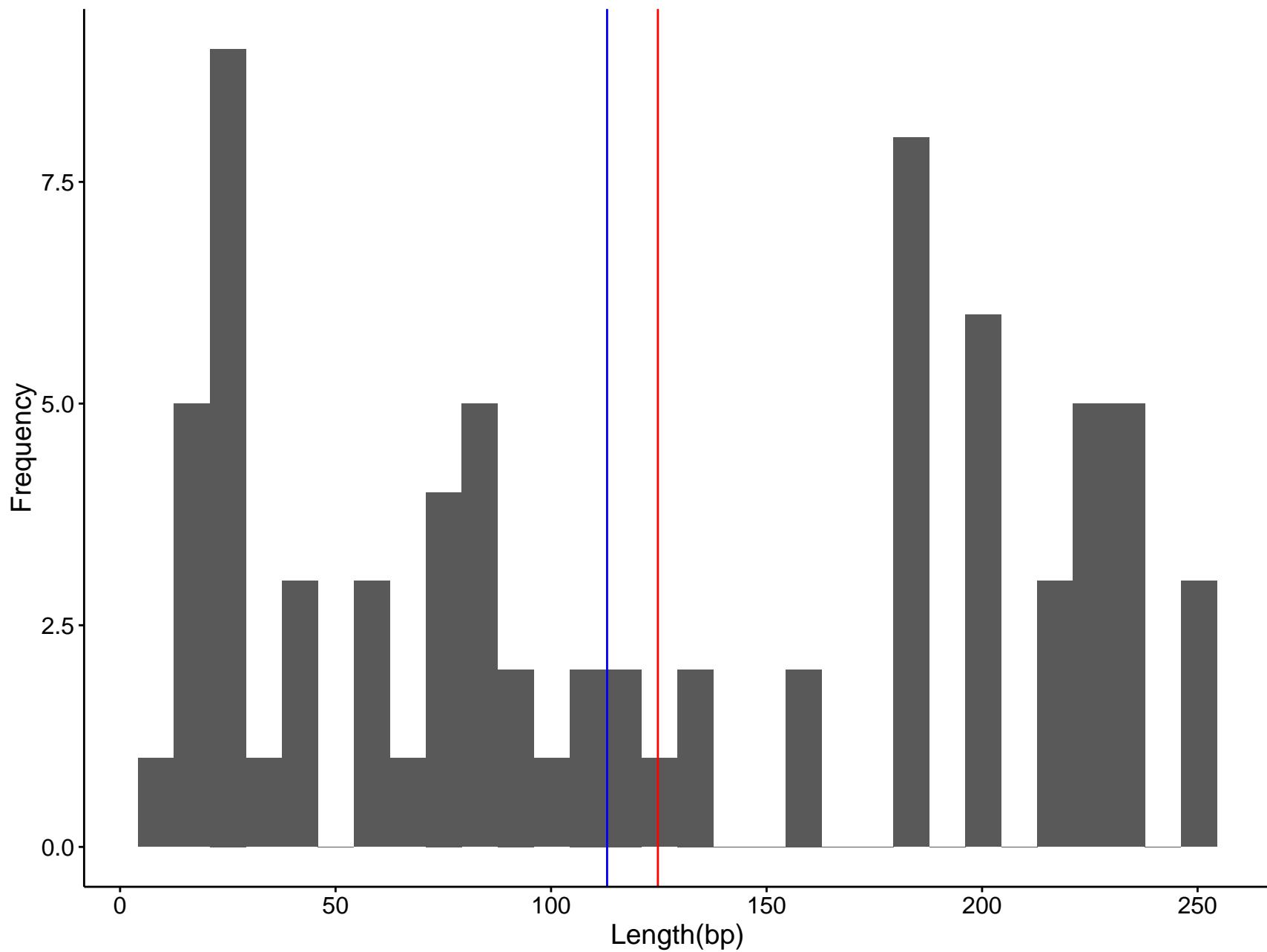
Cluster558



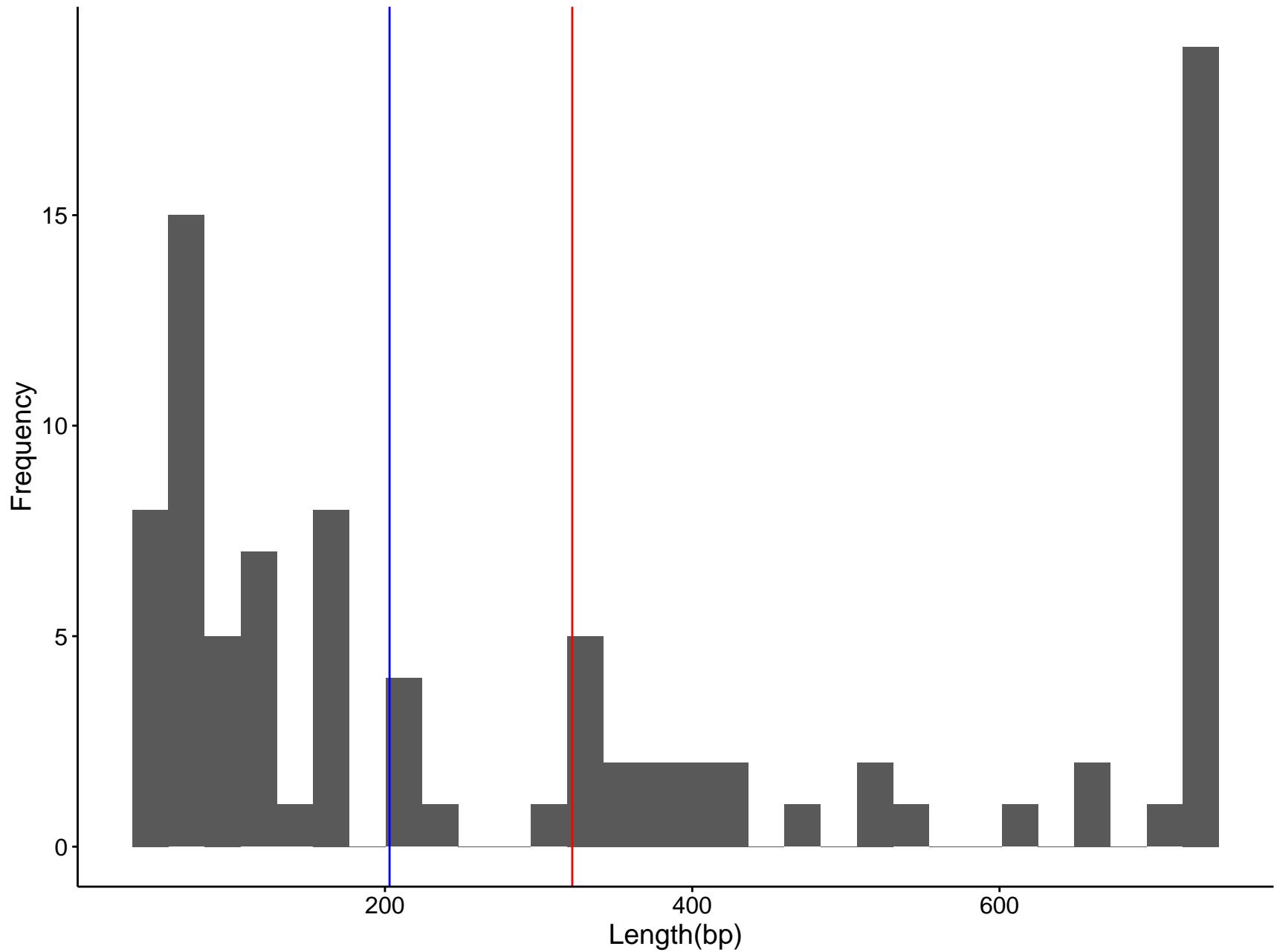
Cluster559



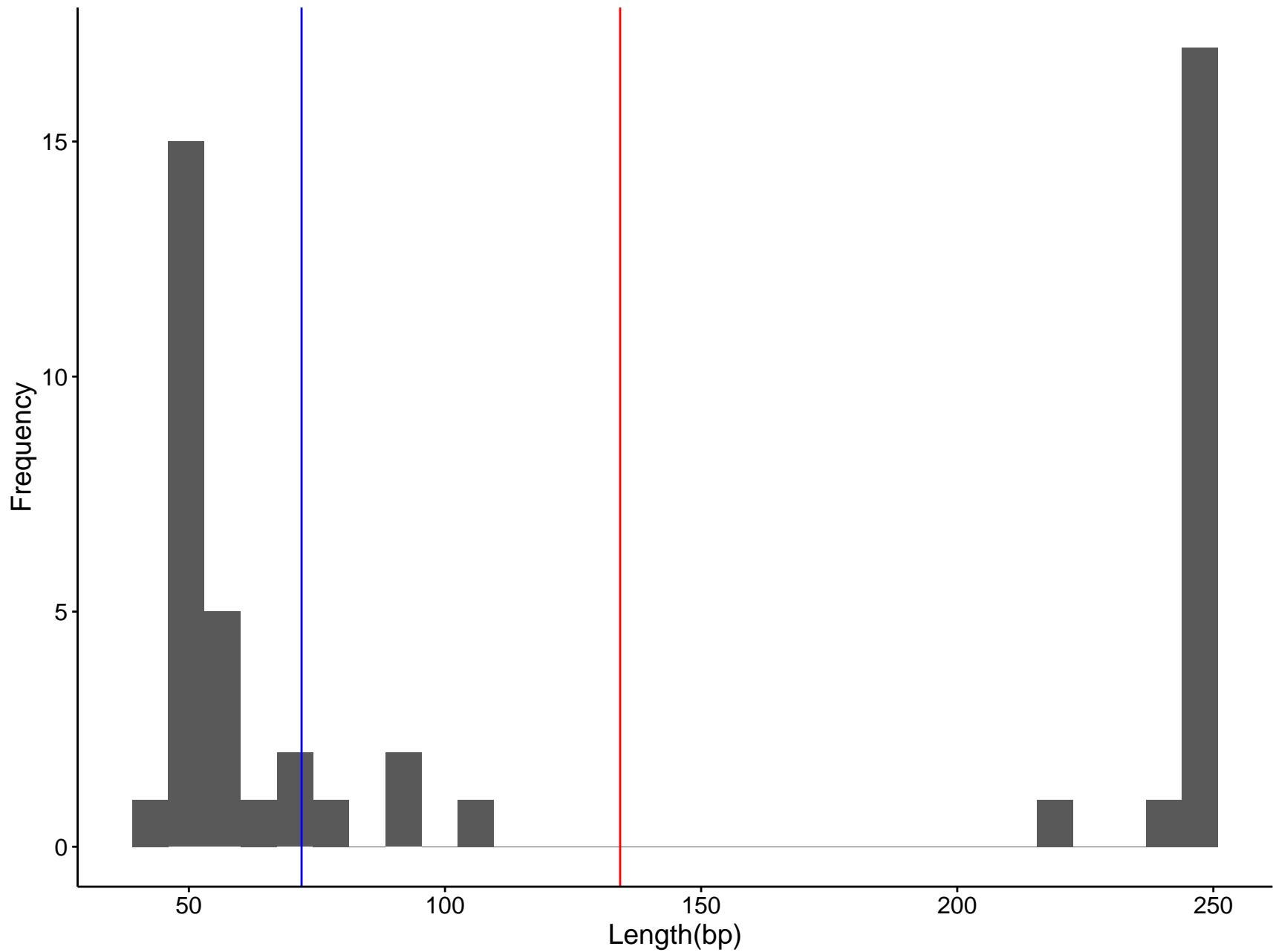
Cluster55

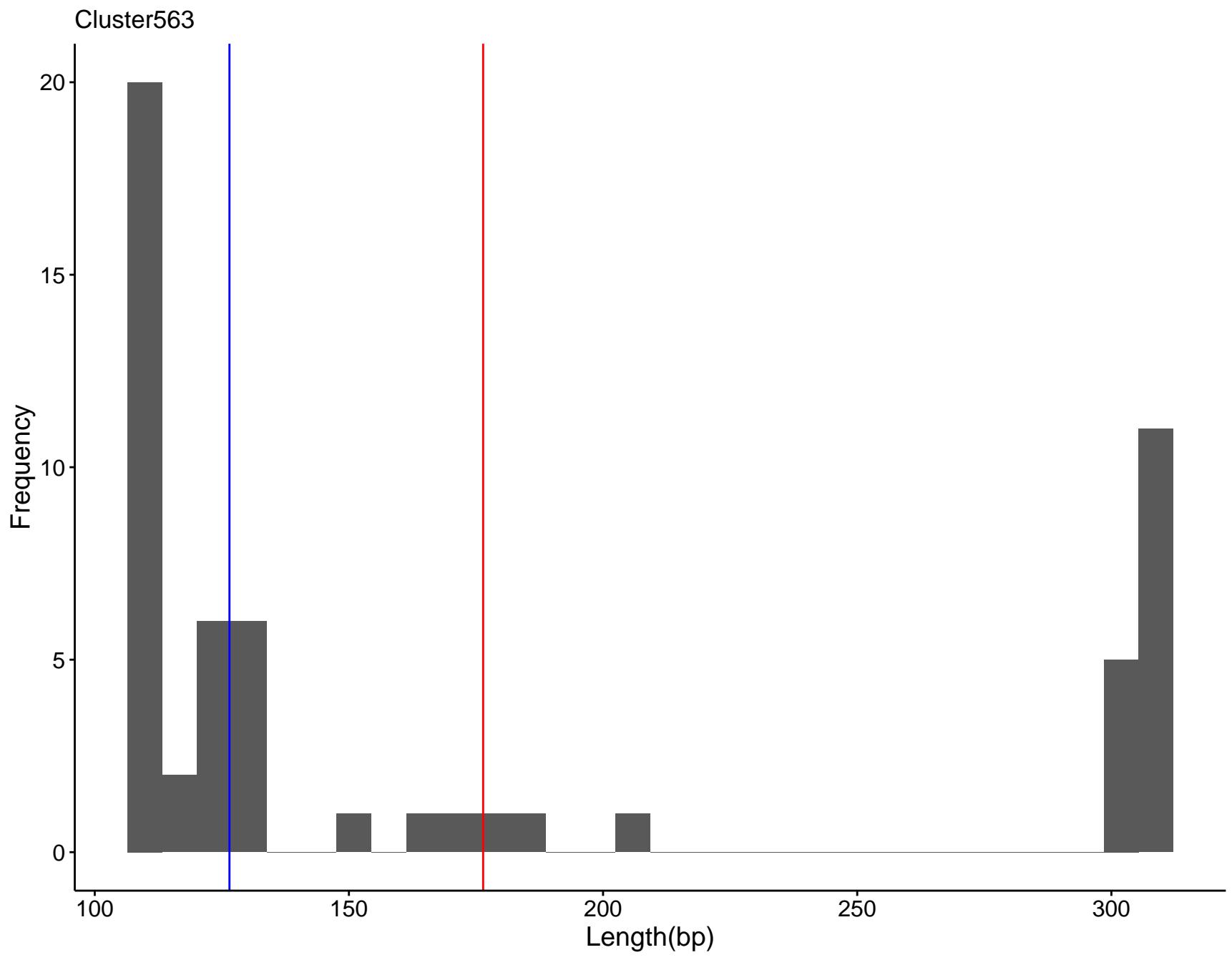


Cluster561

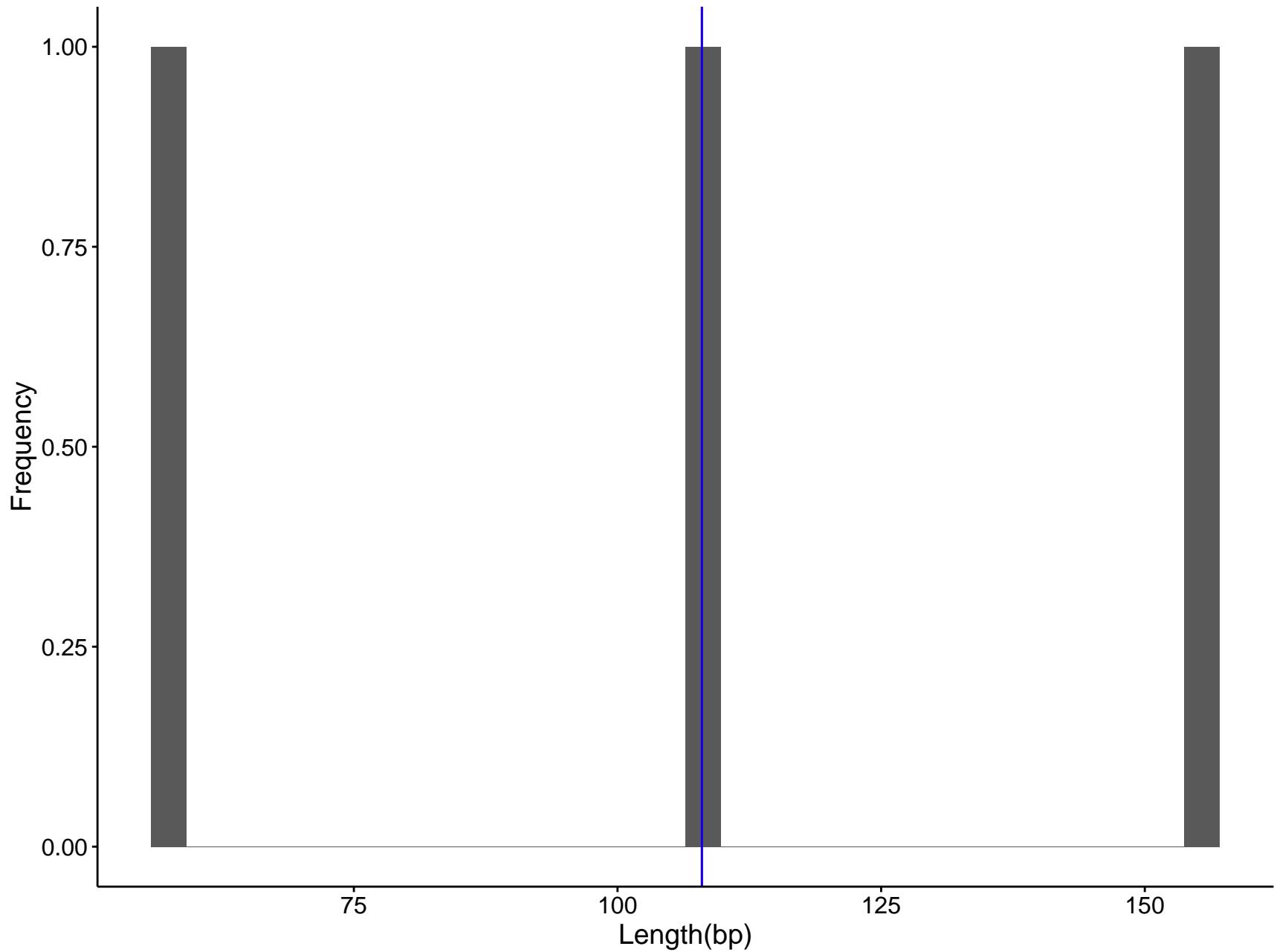


Cluster562

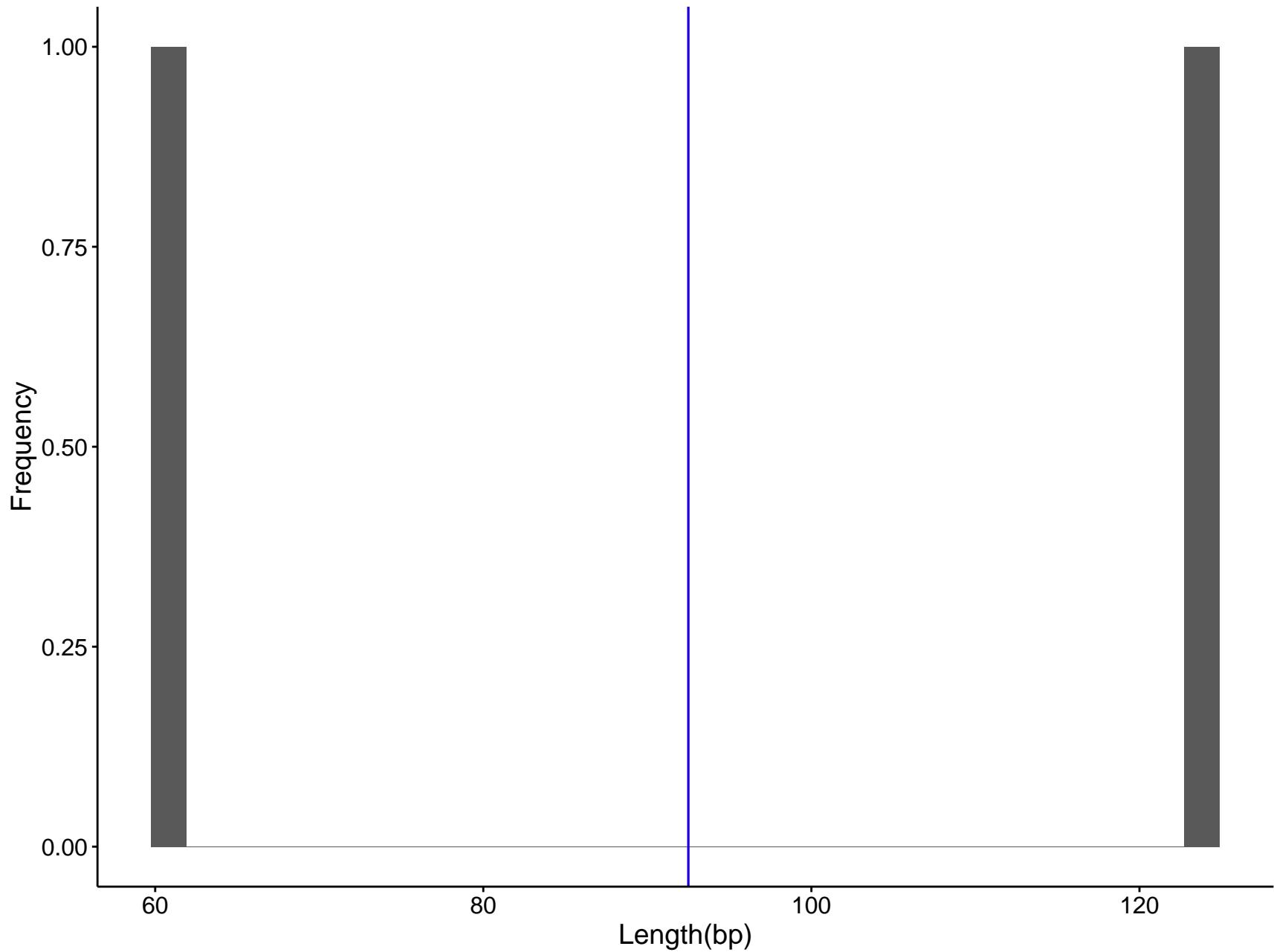




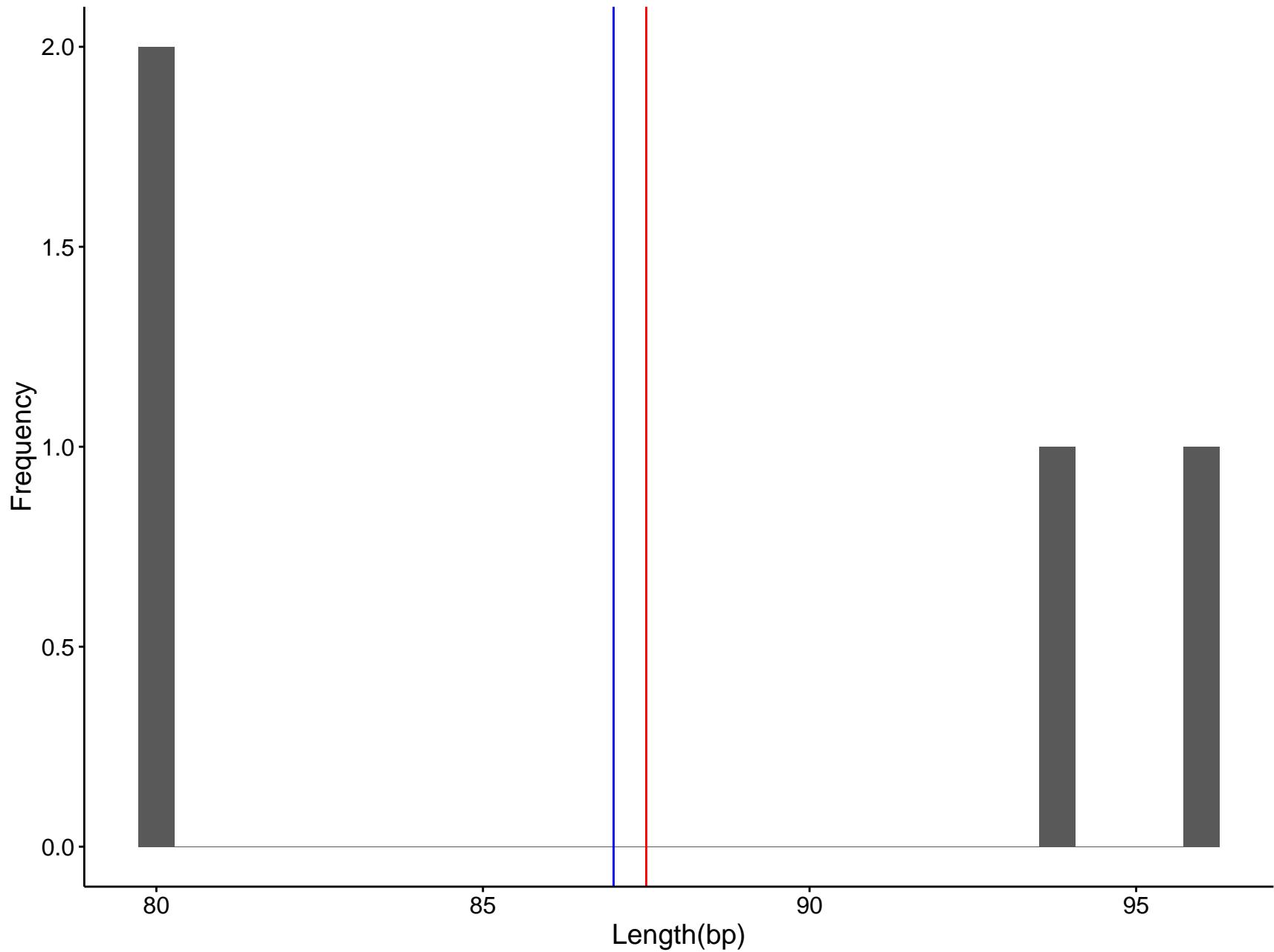
Cluster566



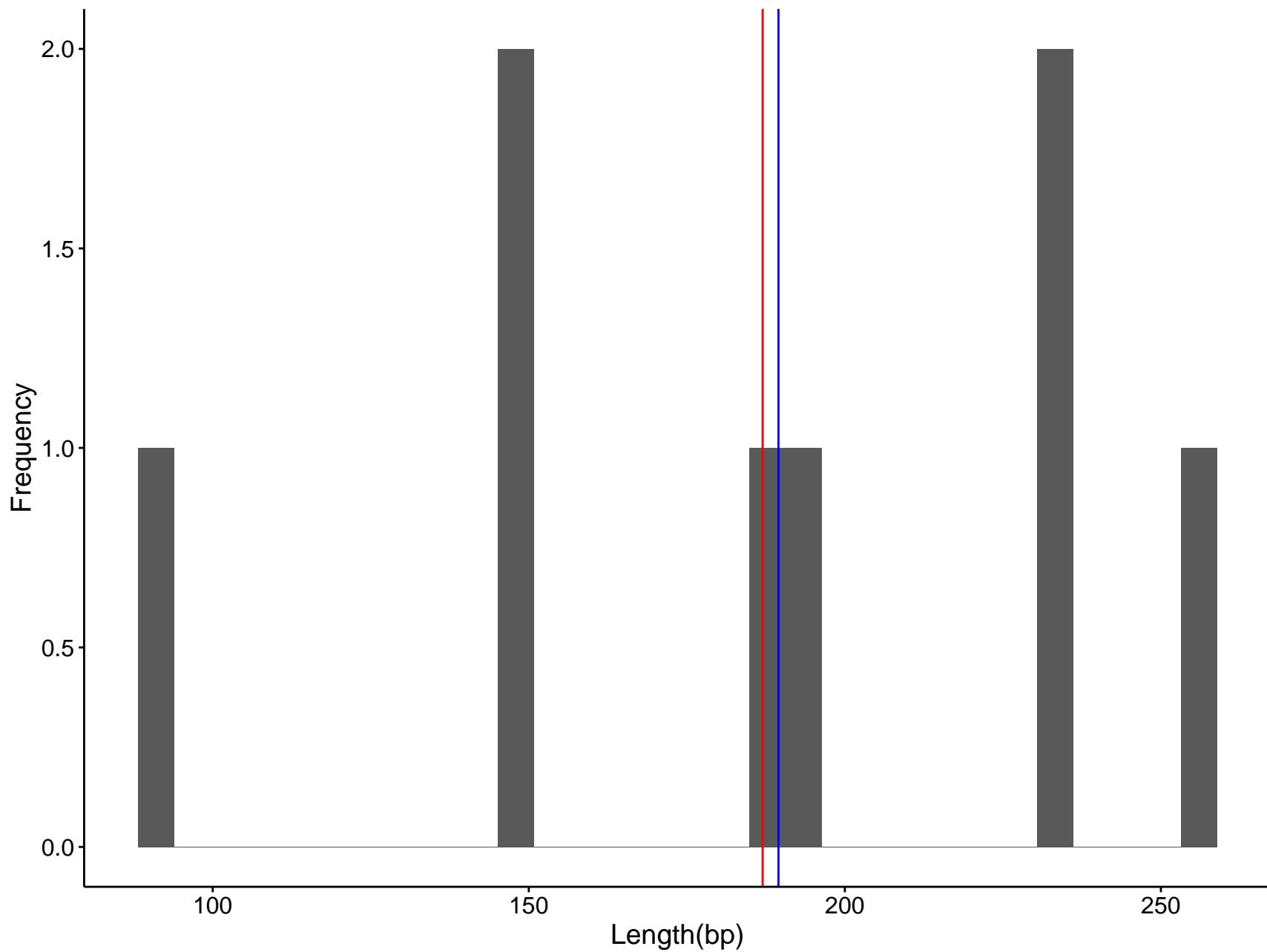
Cluster567



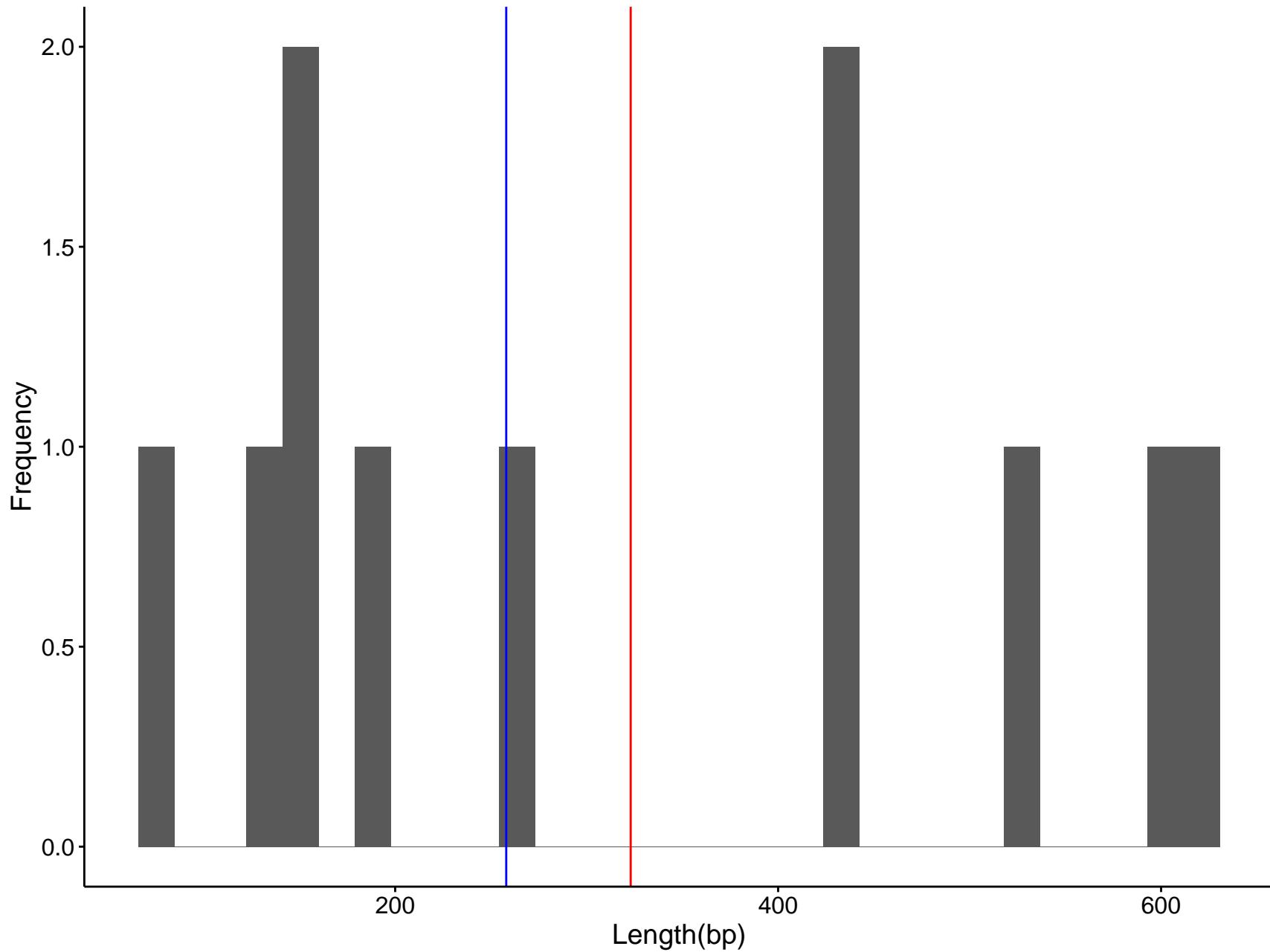
Cluster568



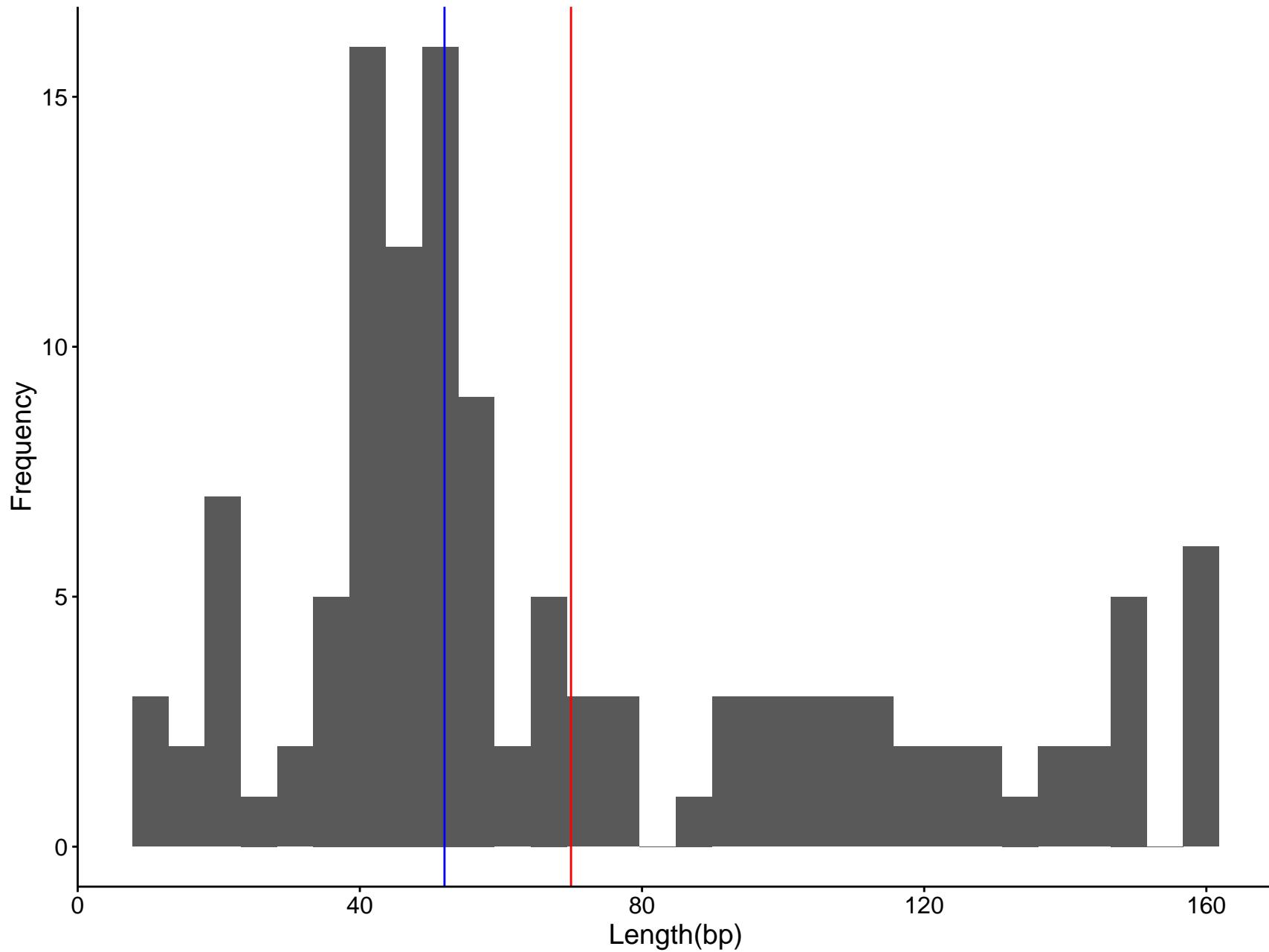
Cluster569



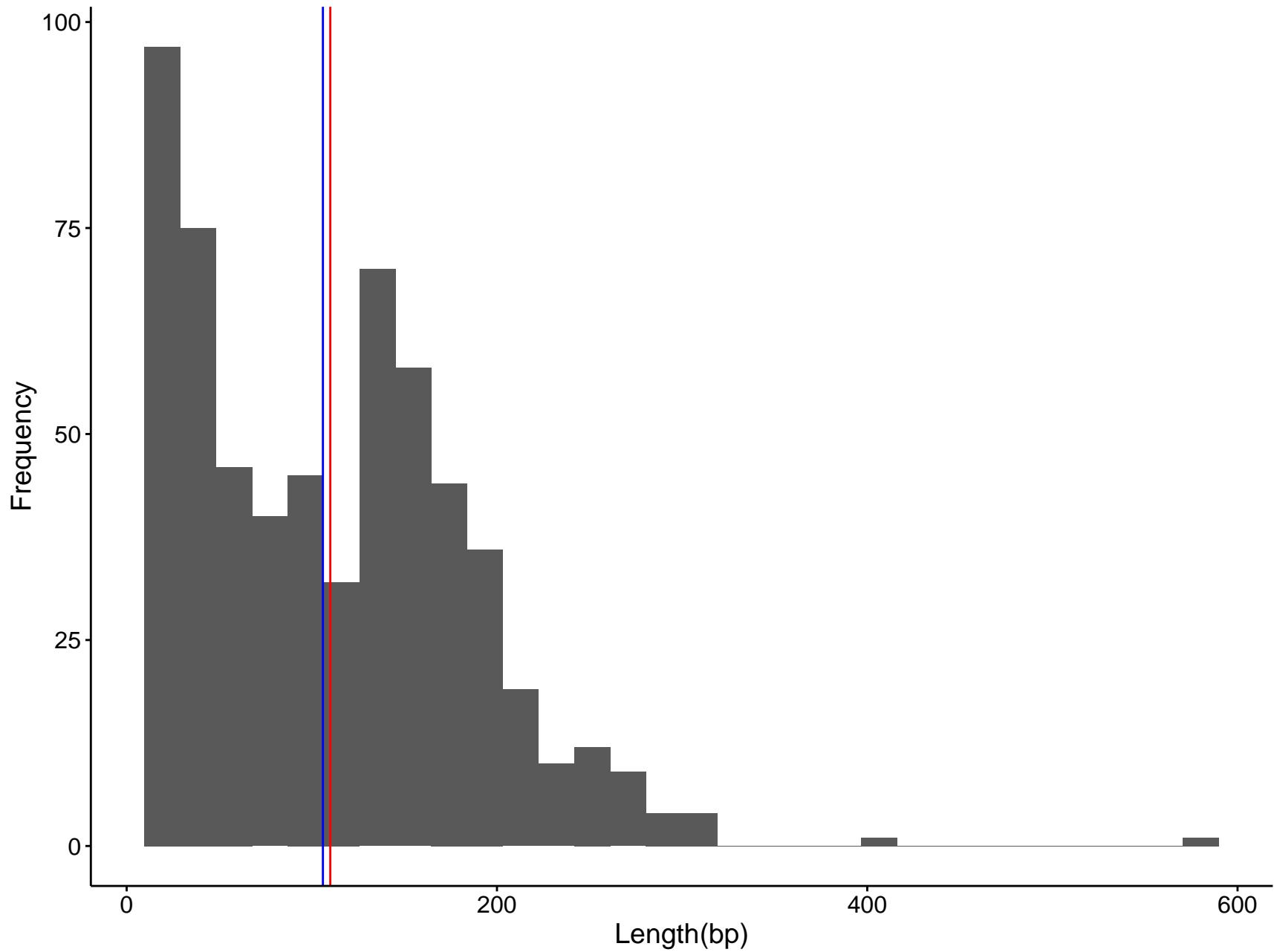
Cluster56



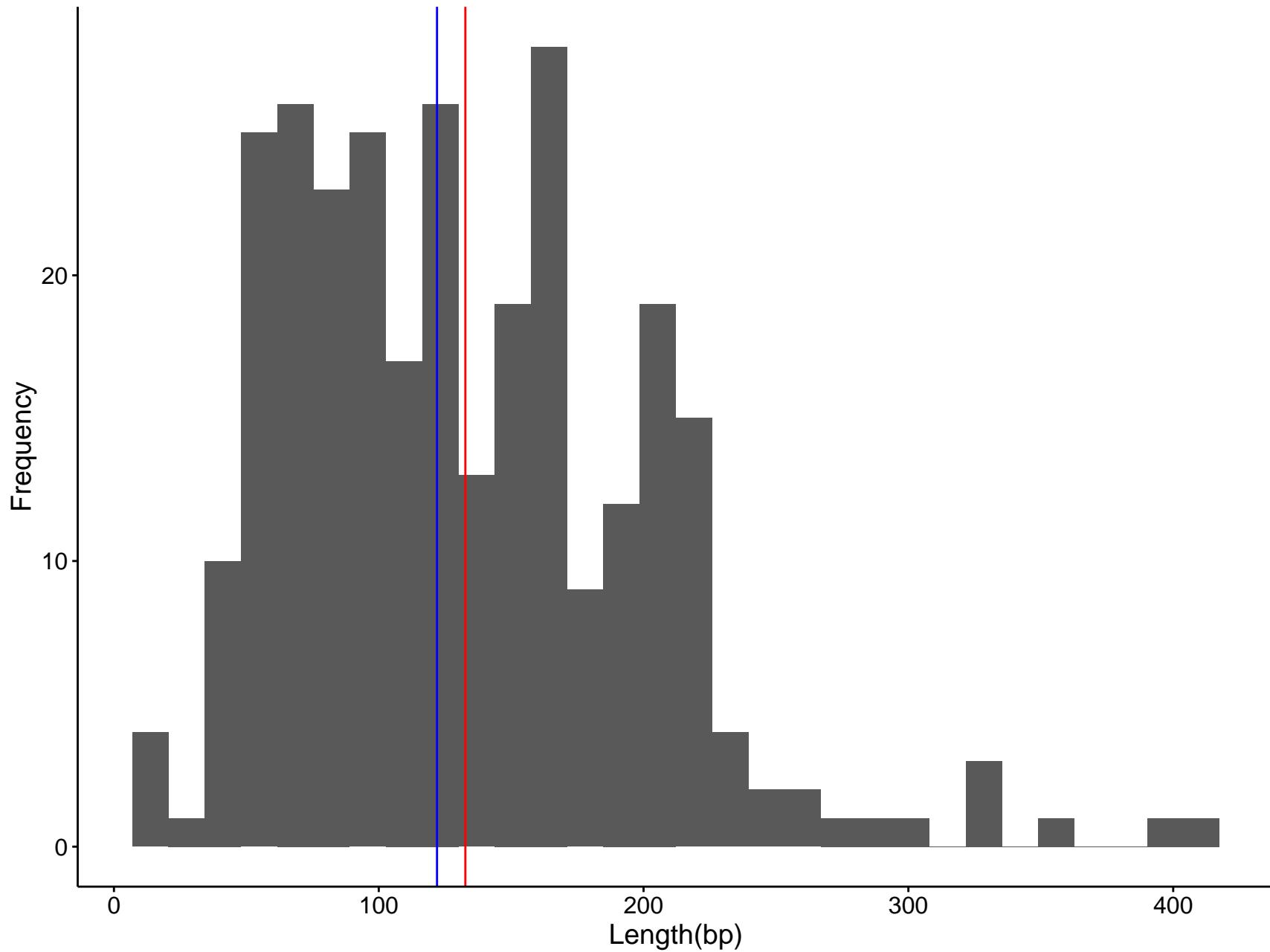
Cluster570



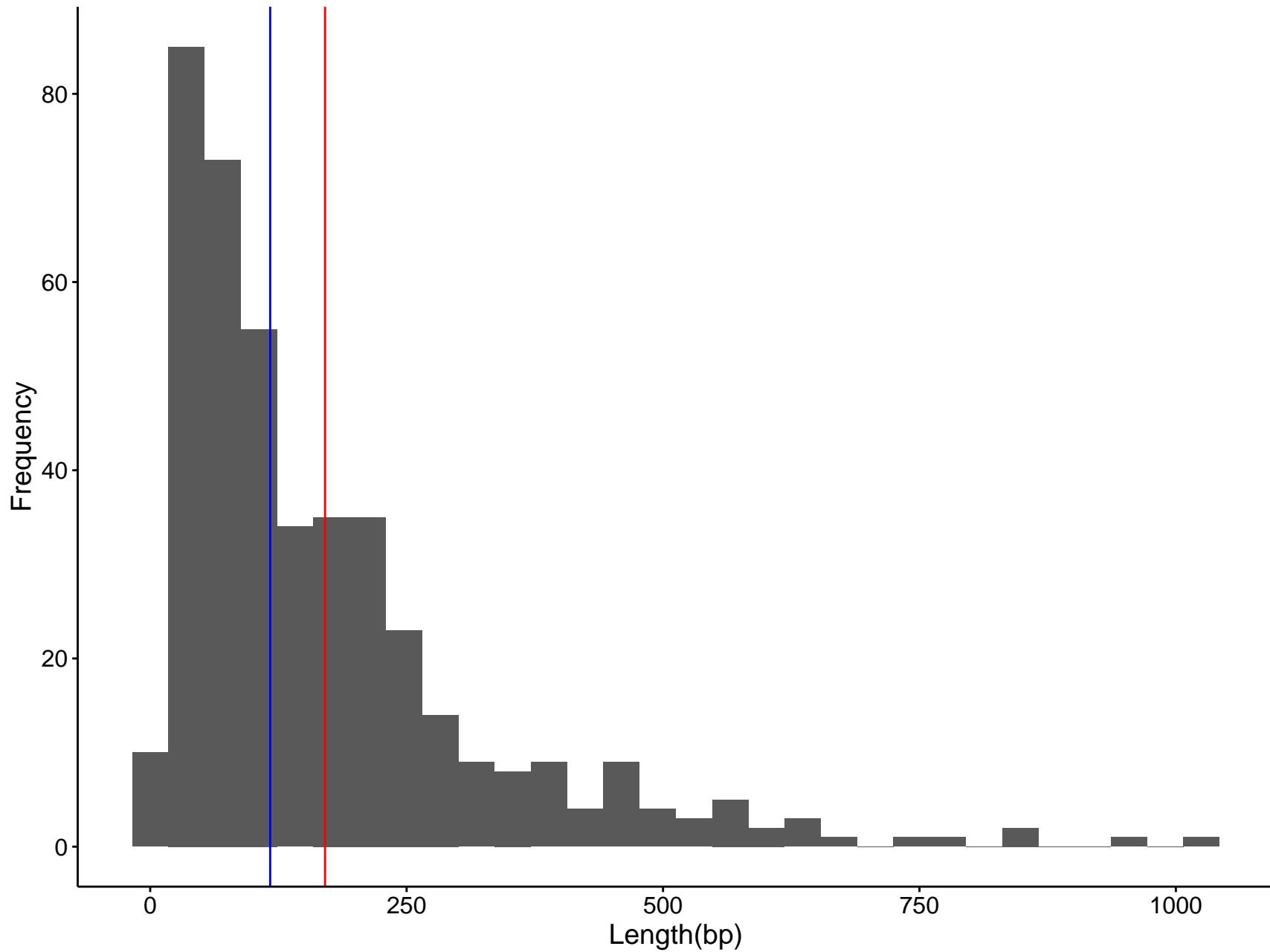
Cluster571



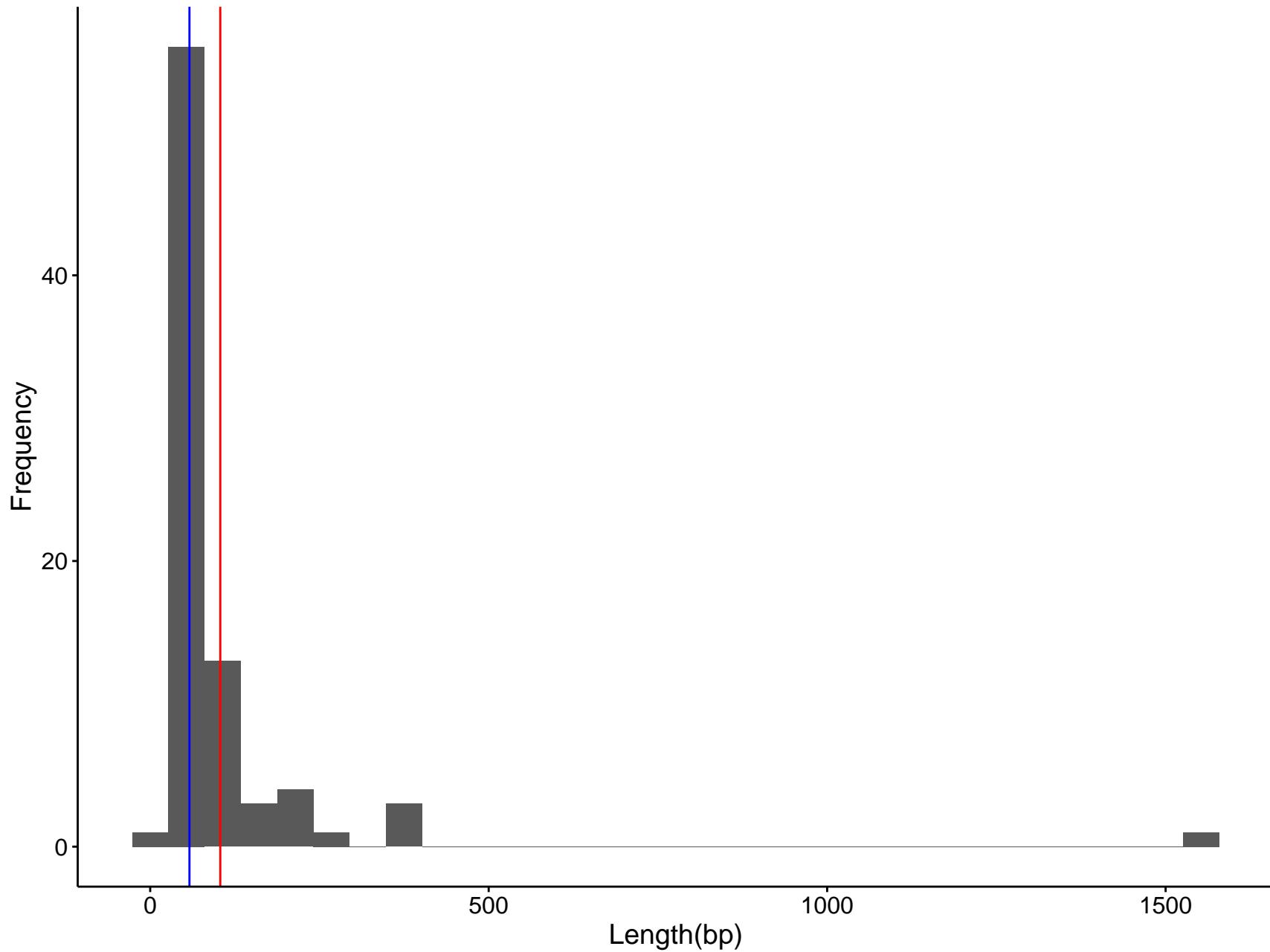
Cluster572



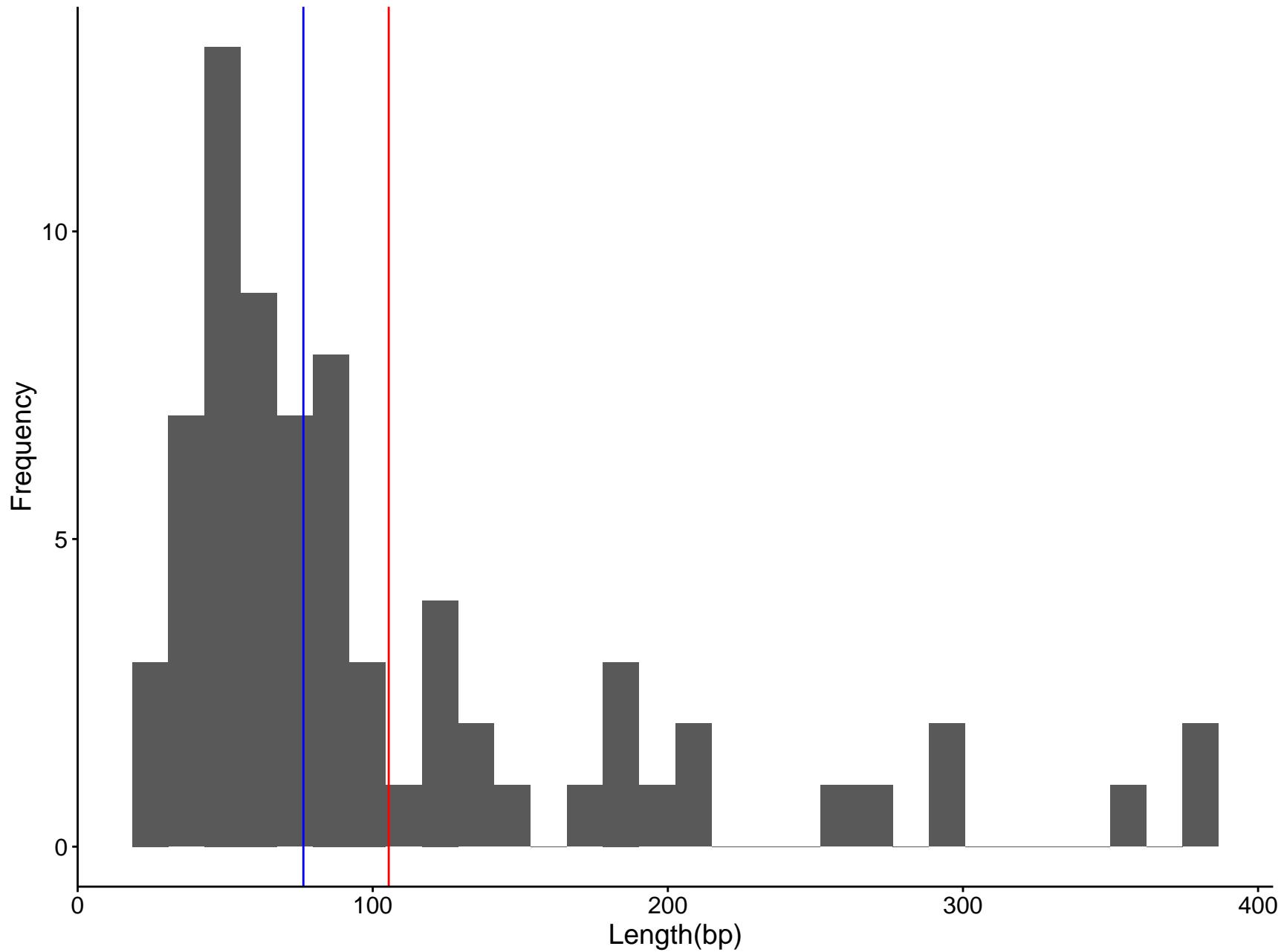
Cluster573



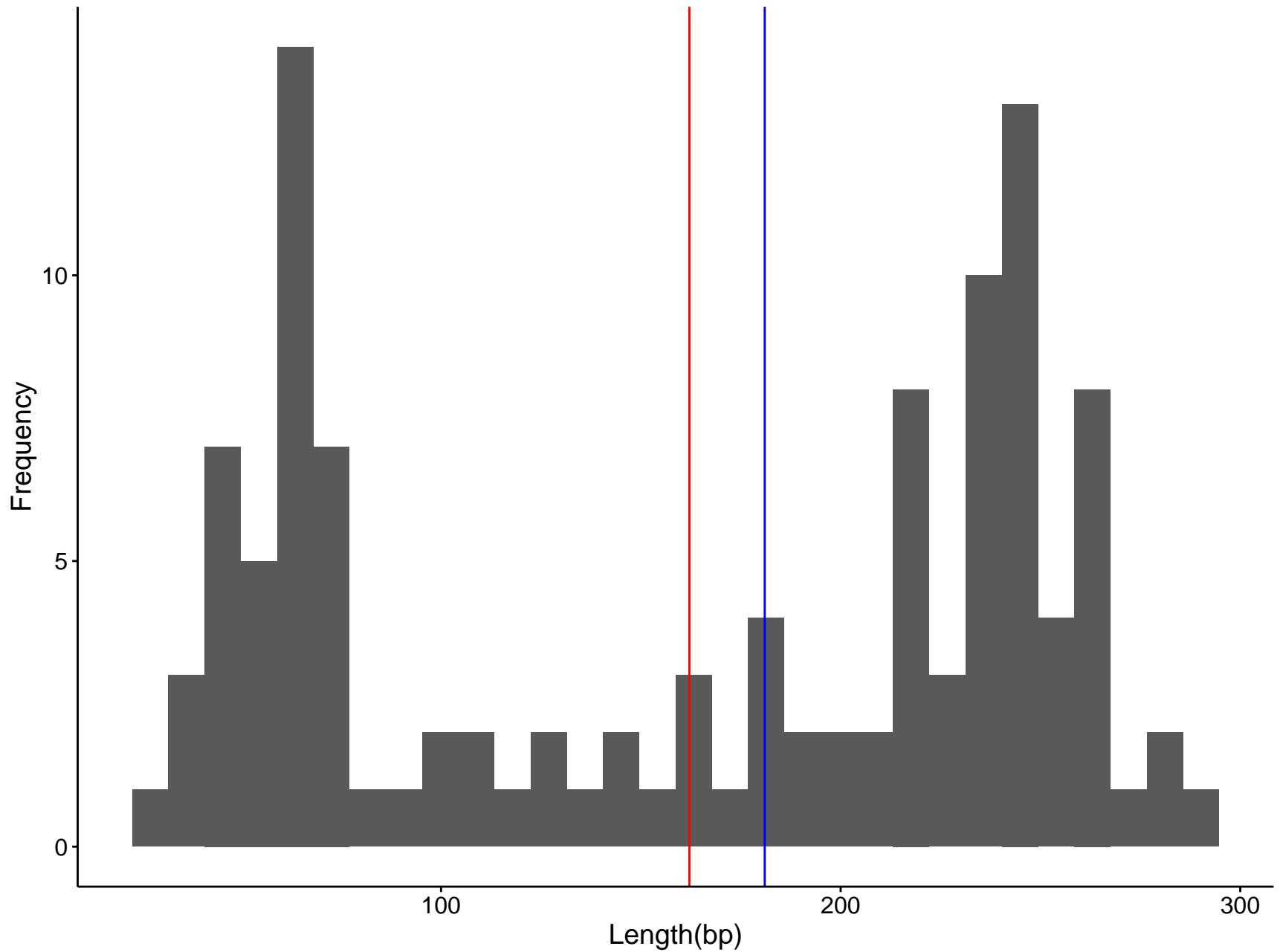
Cluster574



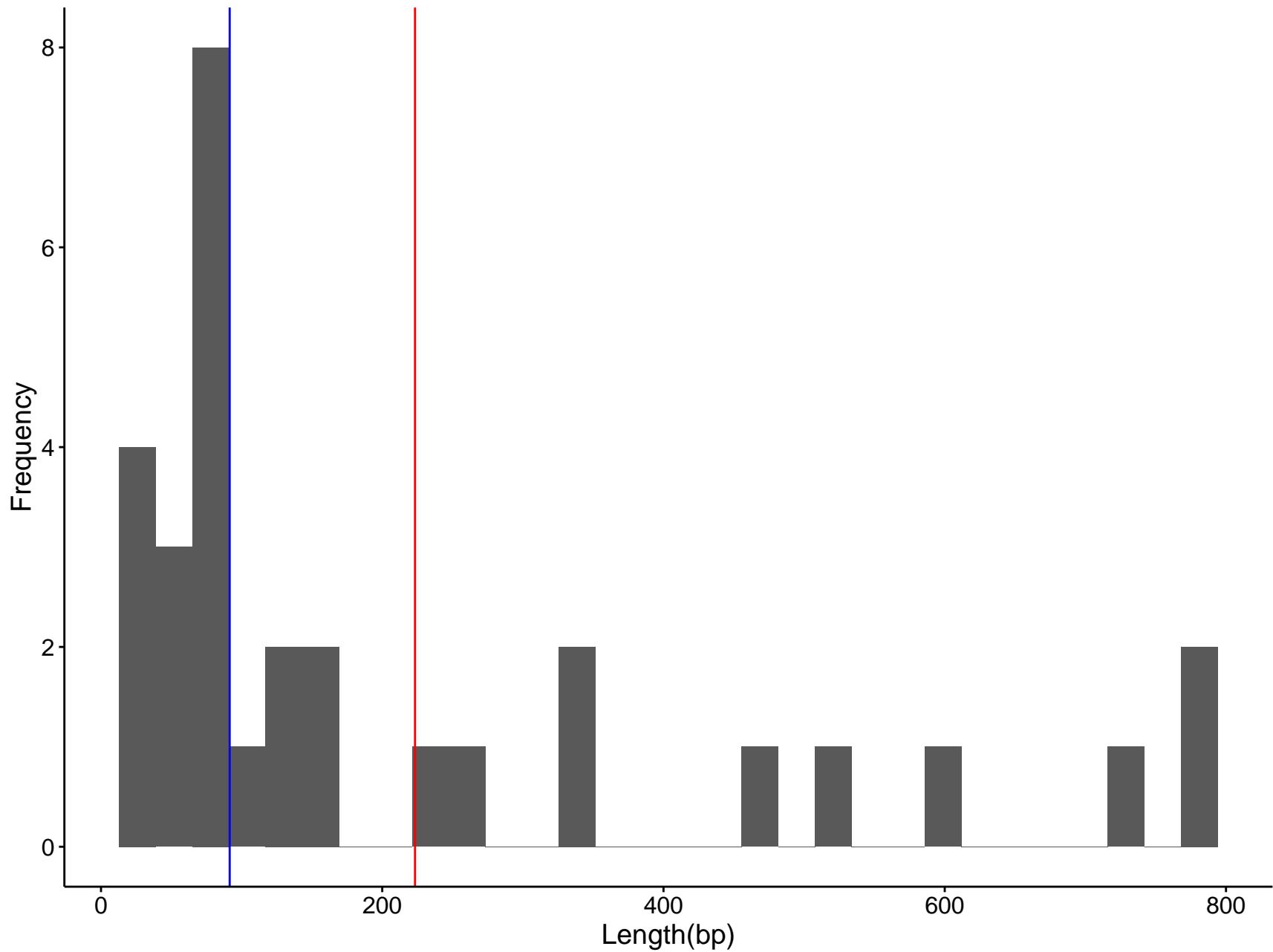
Cluster576



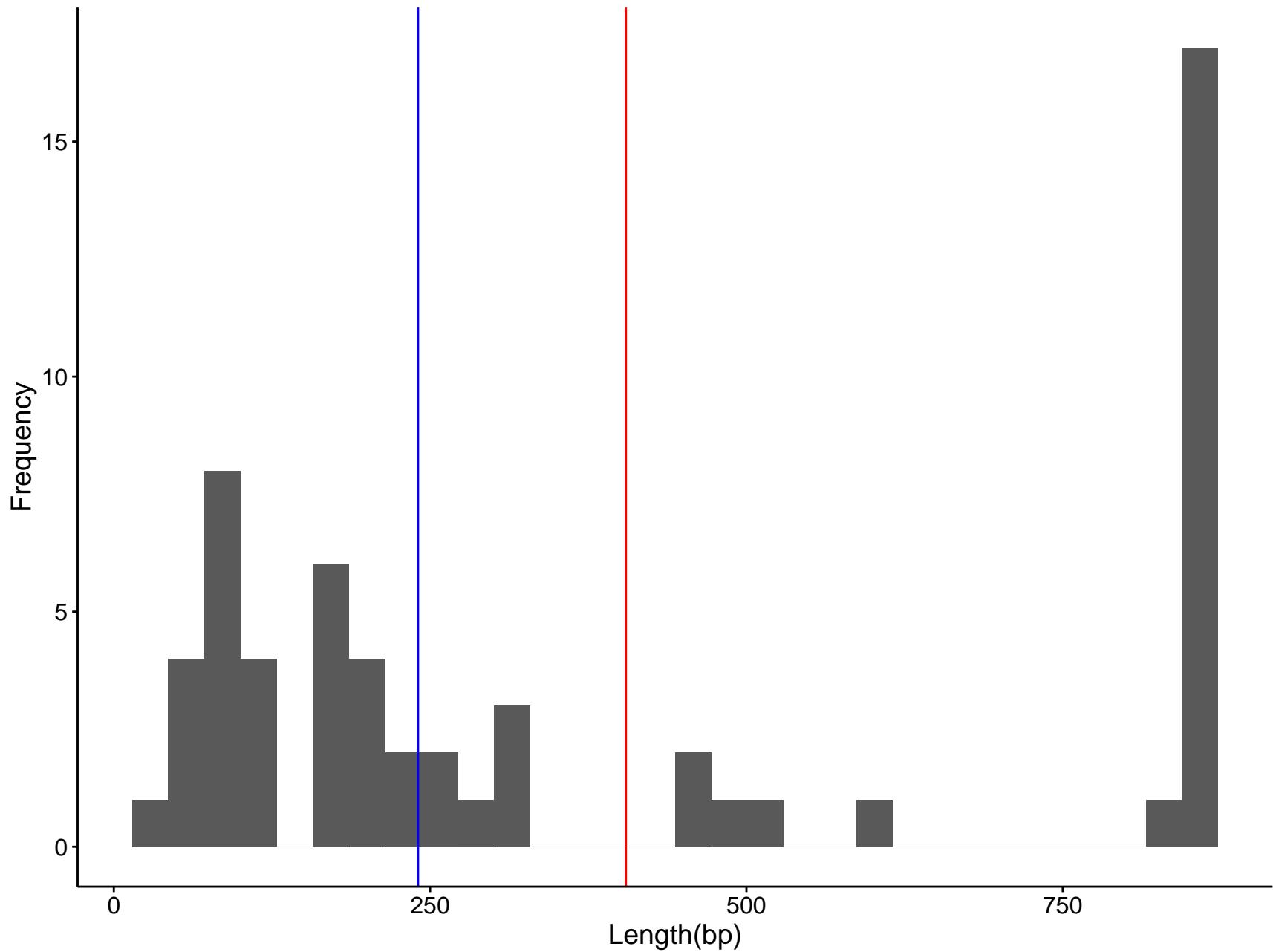
Cluster578



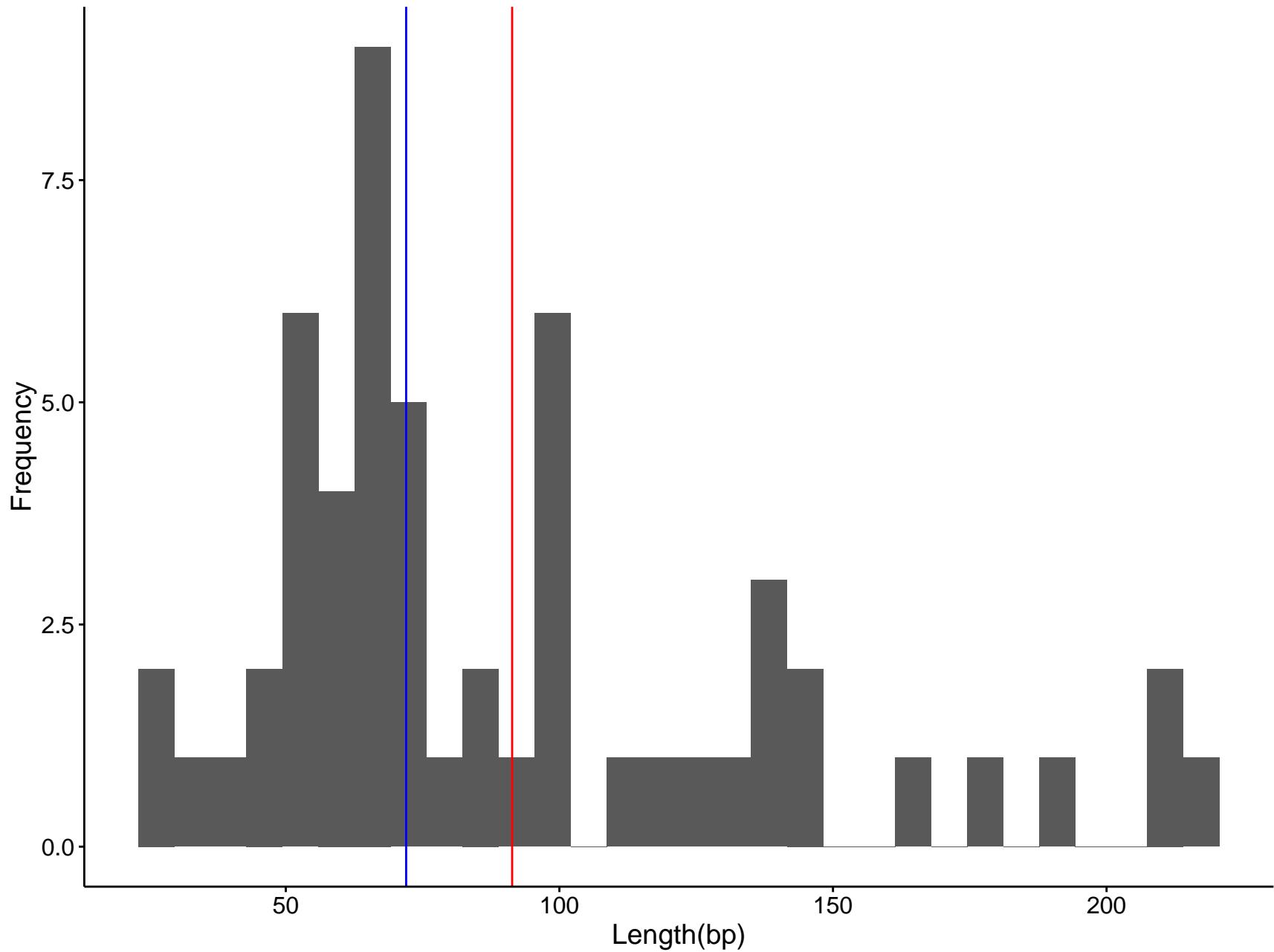
Cluster579



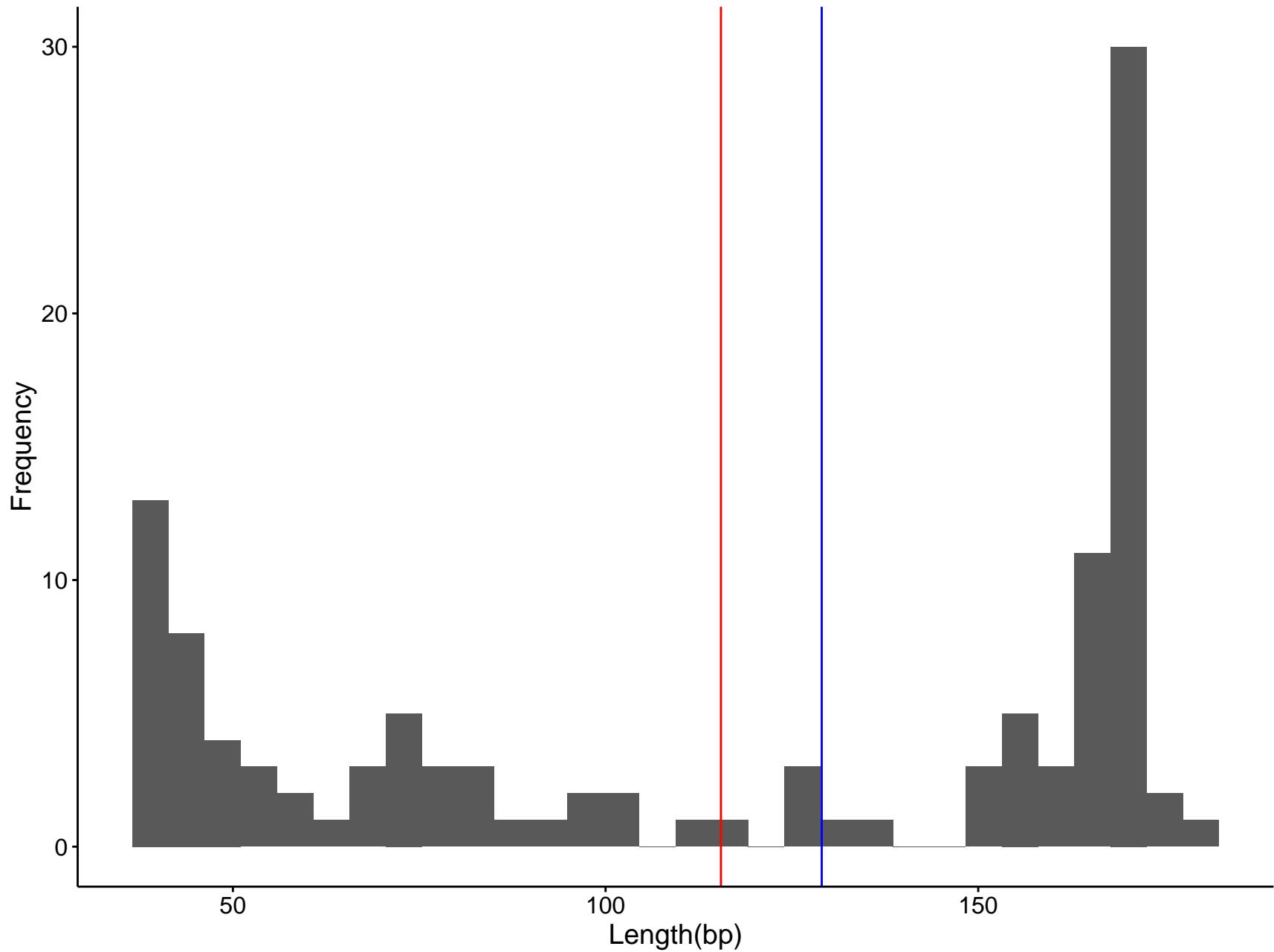
Cluster57



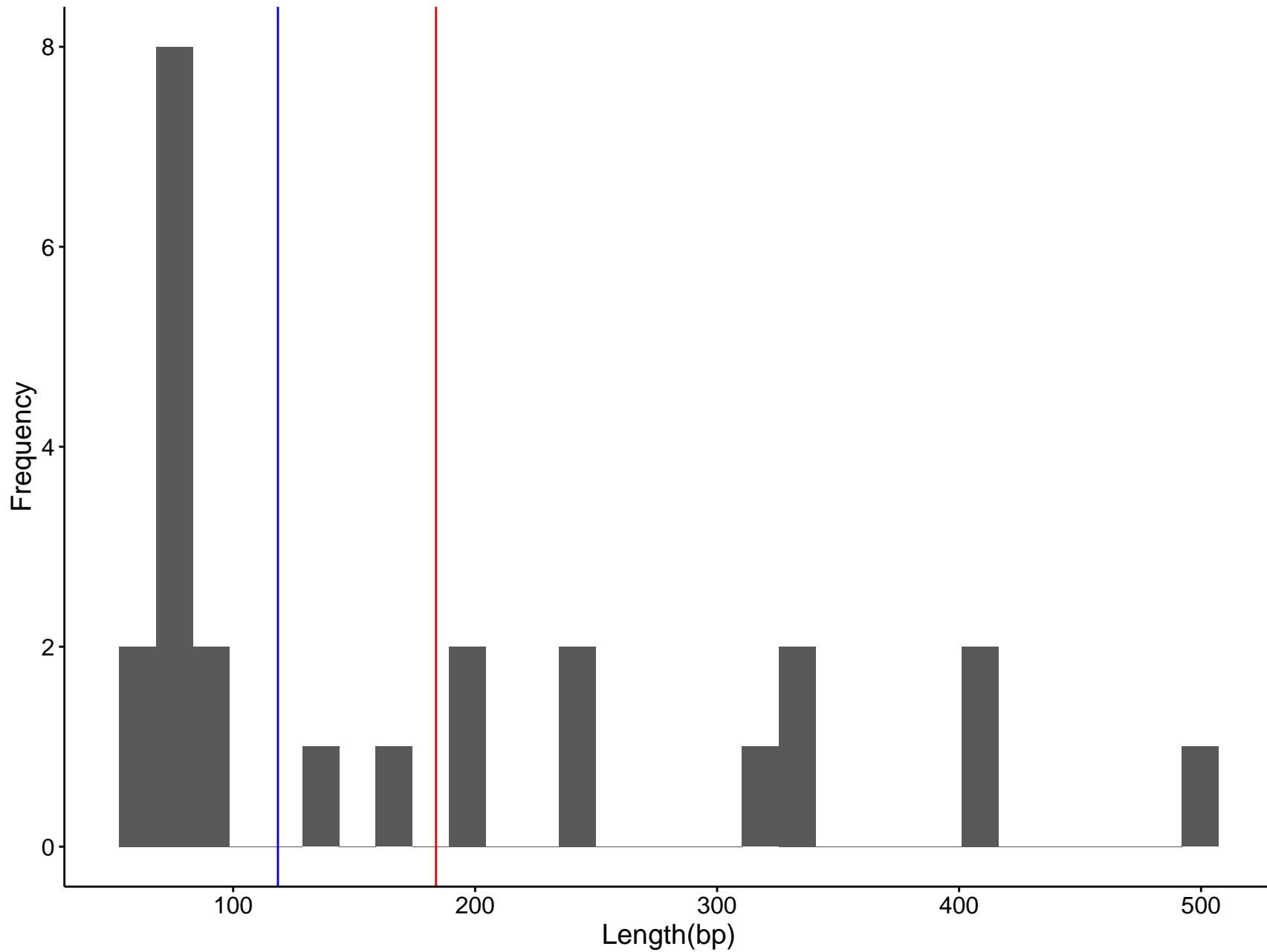
Cluster581



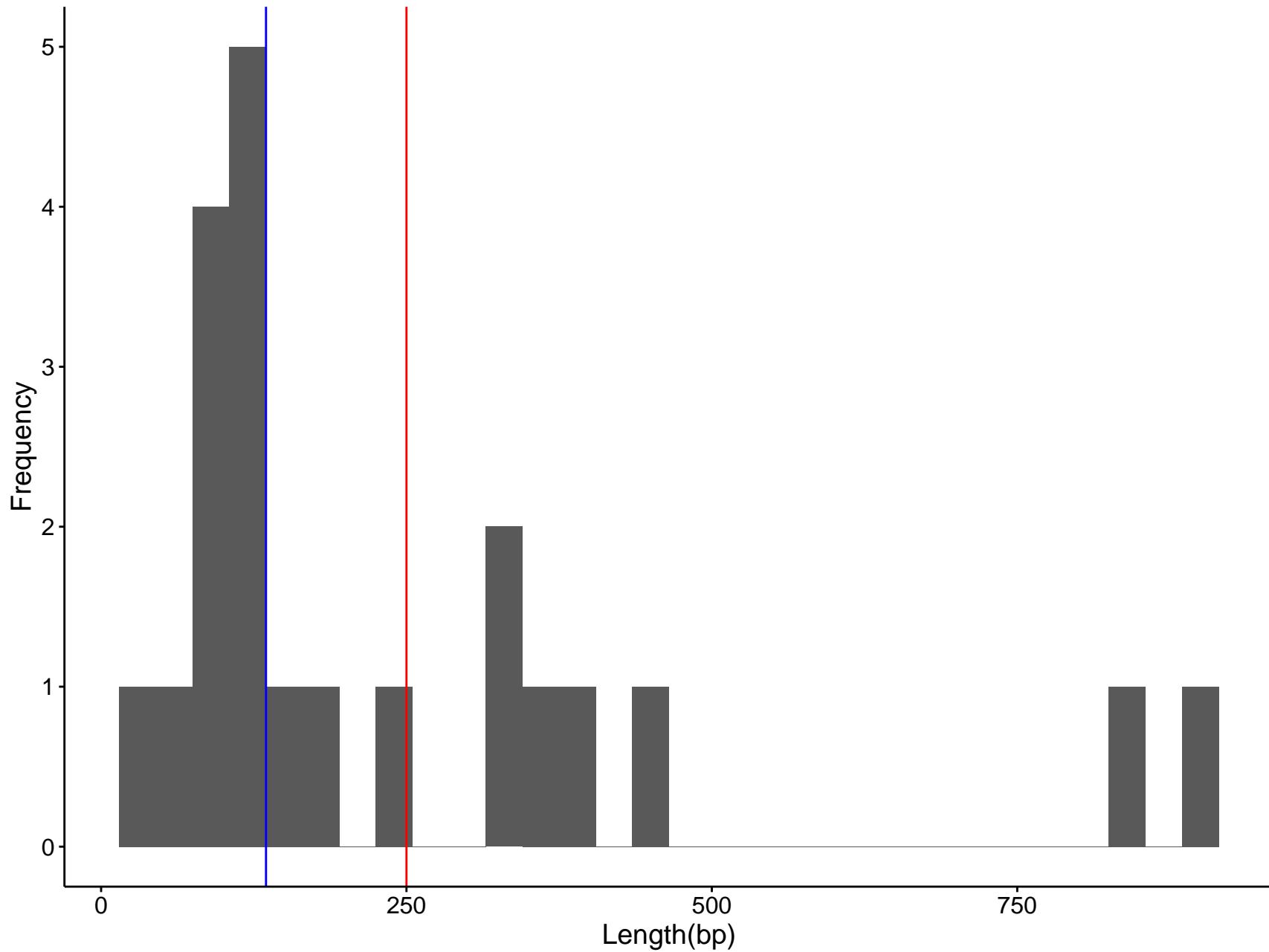
Cluster583



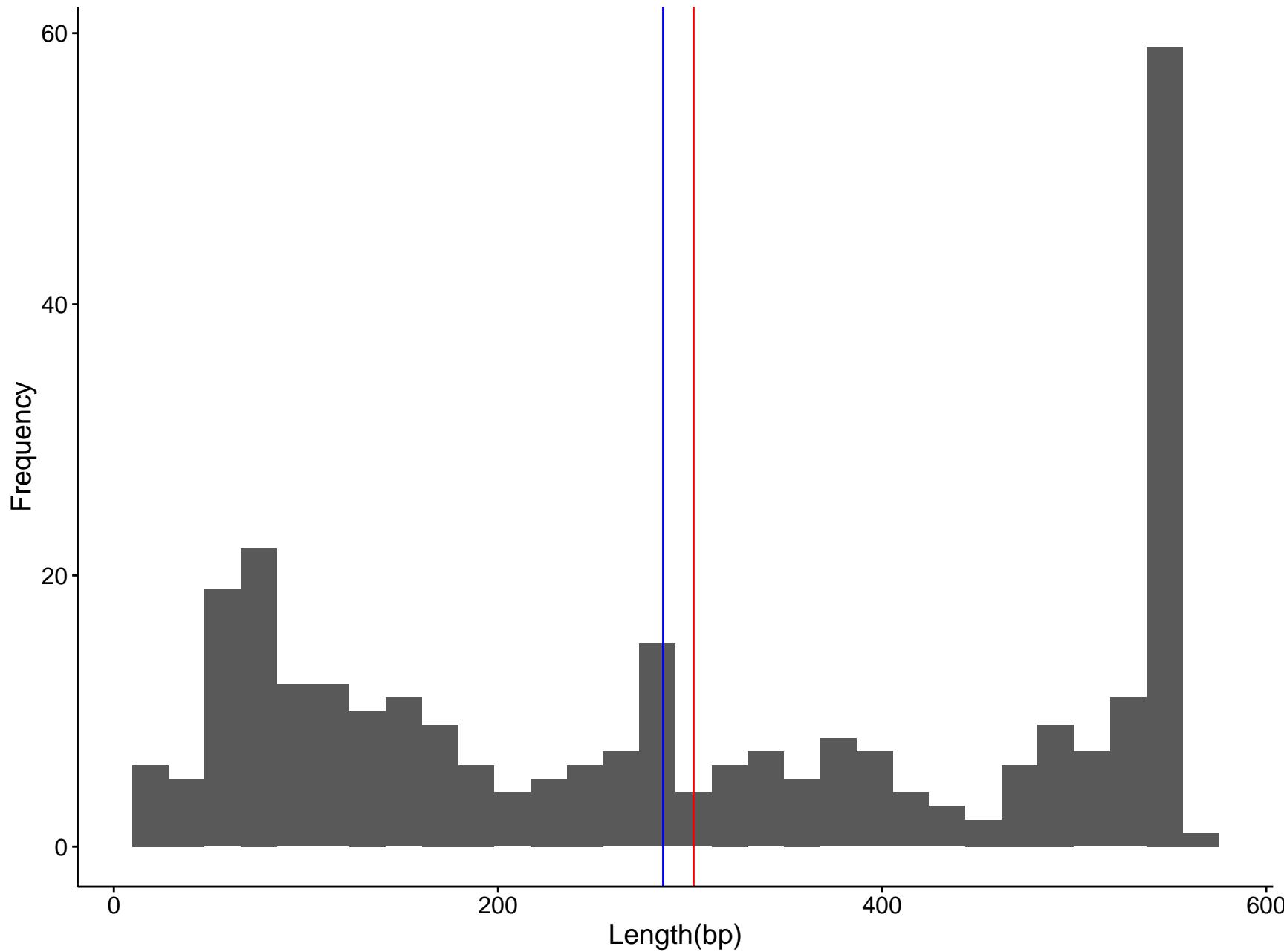
Cluster585



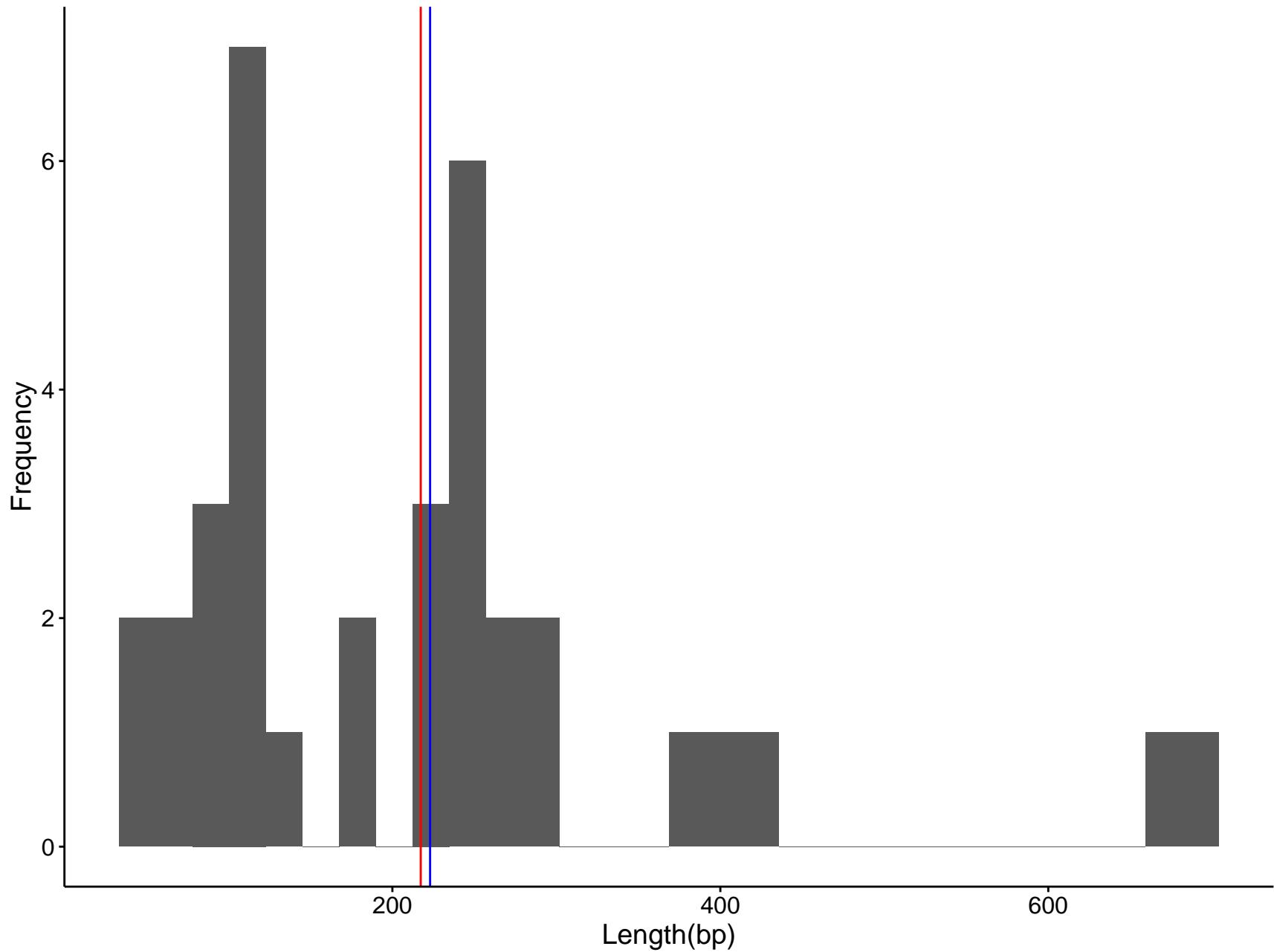
Cluster586



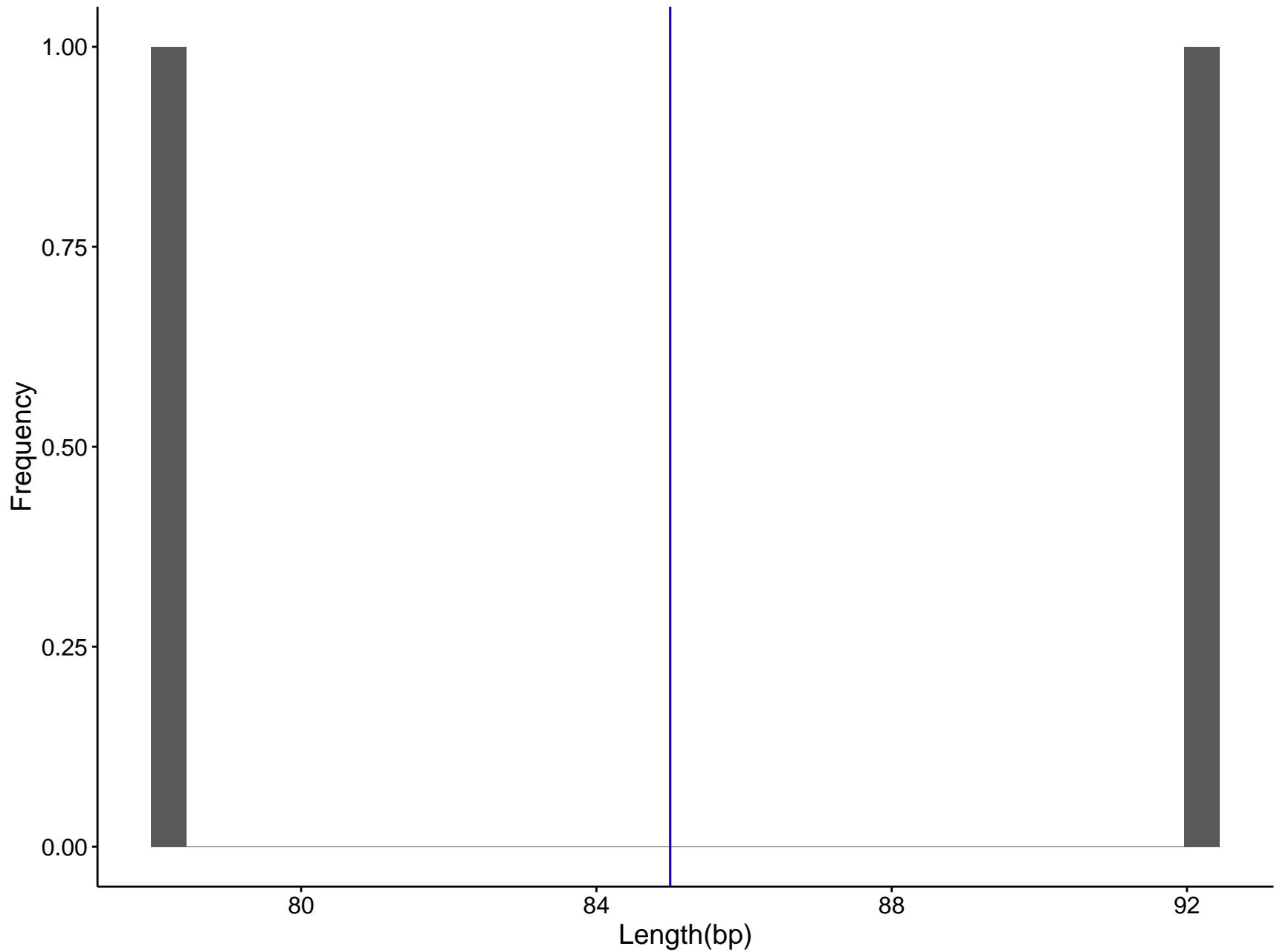
Cluster588



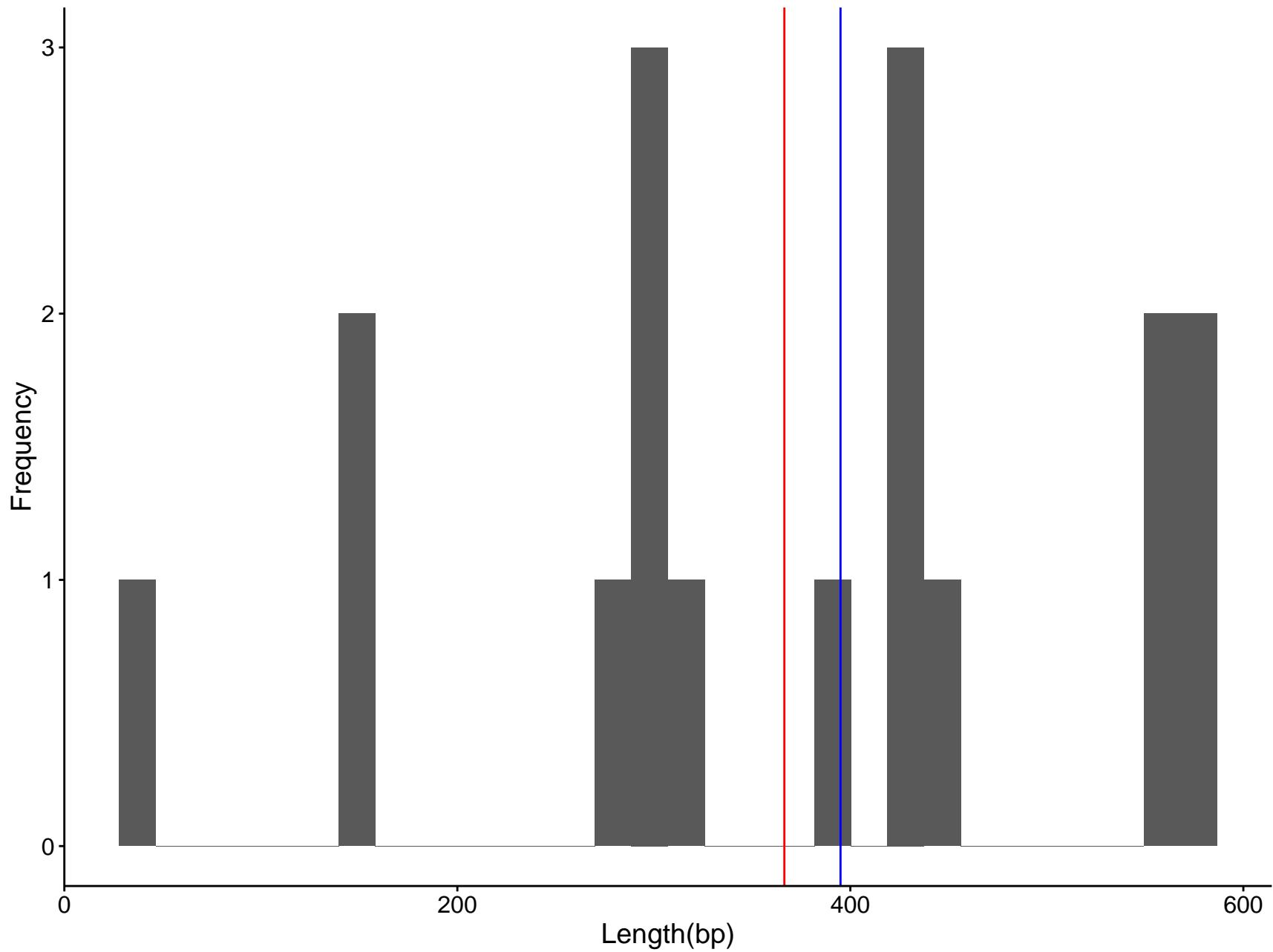
Cluster589



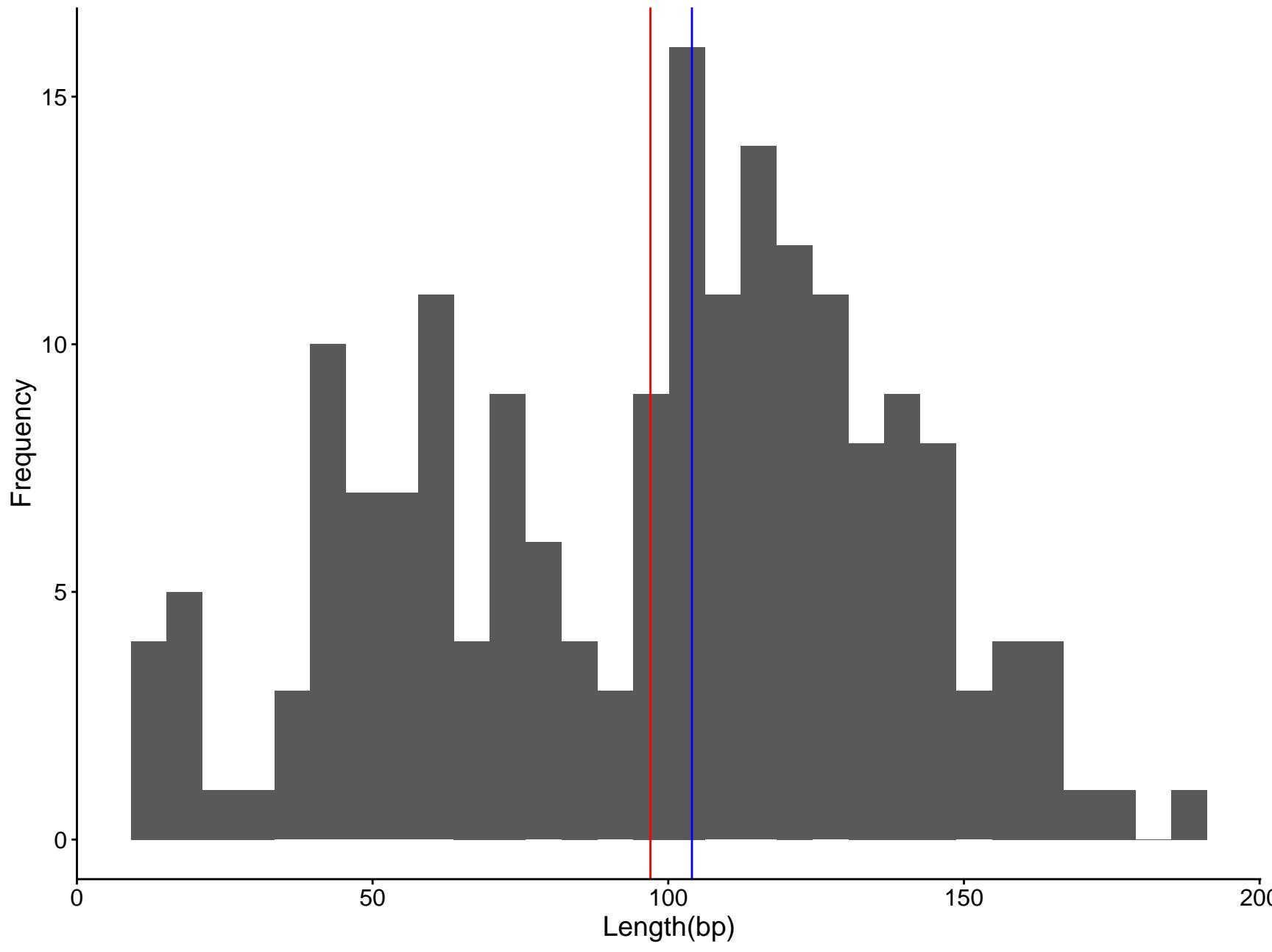
Cluster58



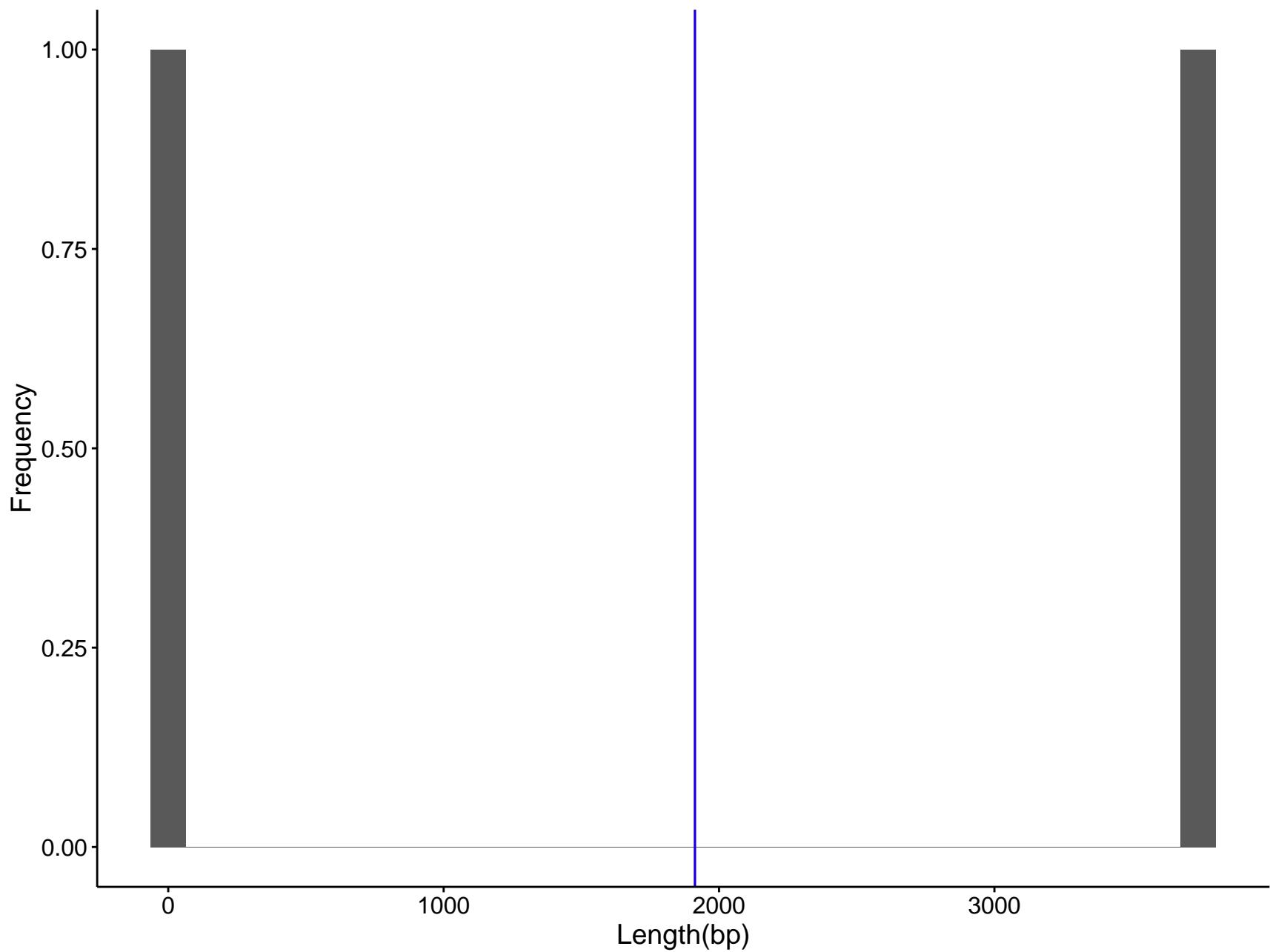
Cluster590



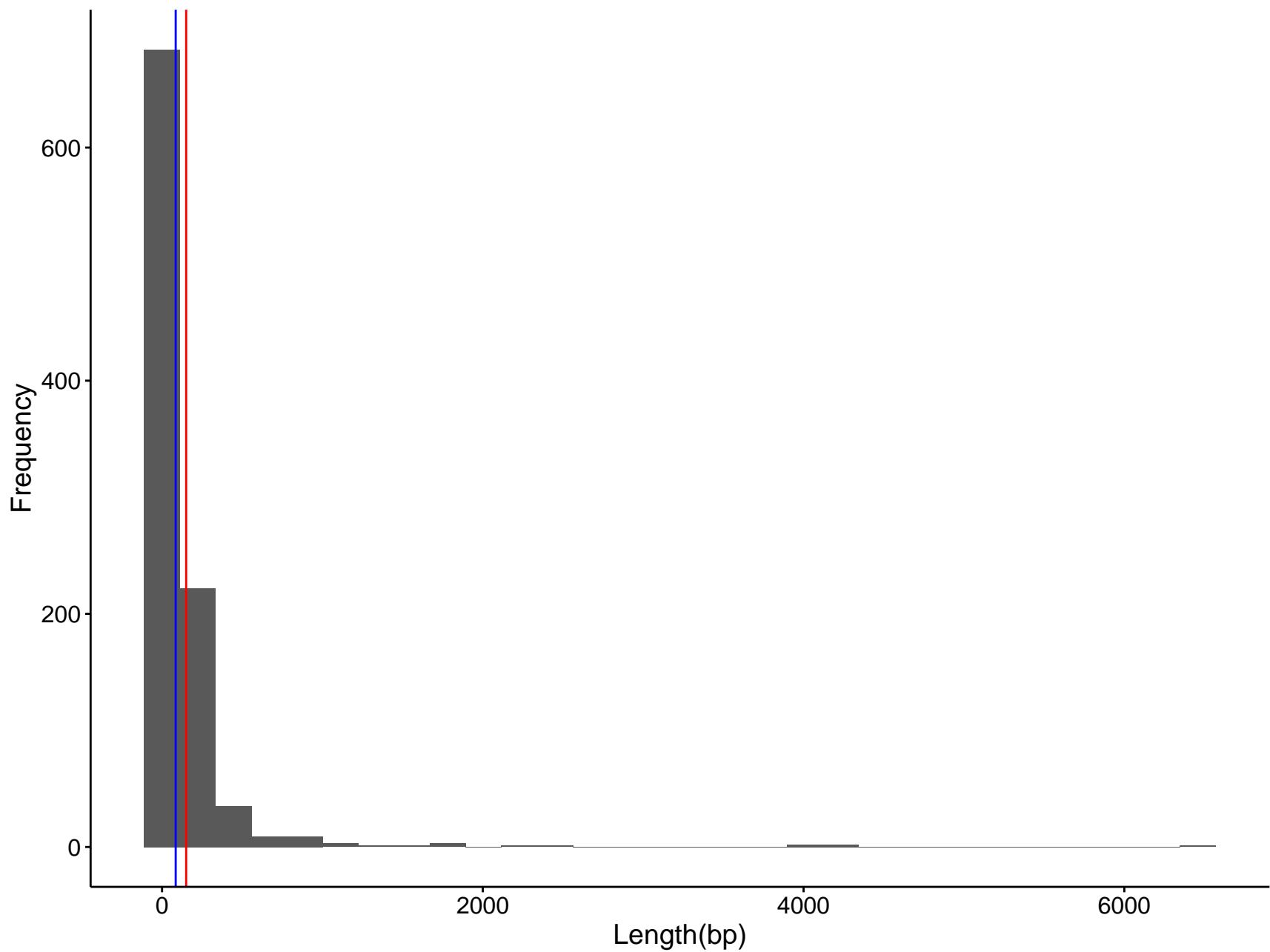
Cluster591



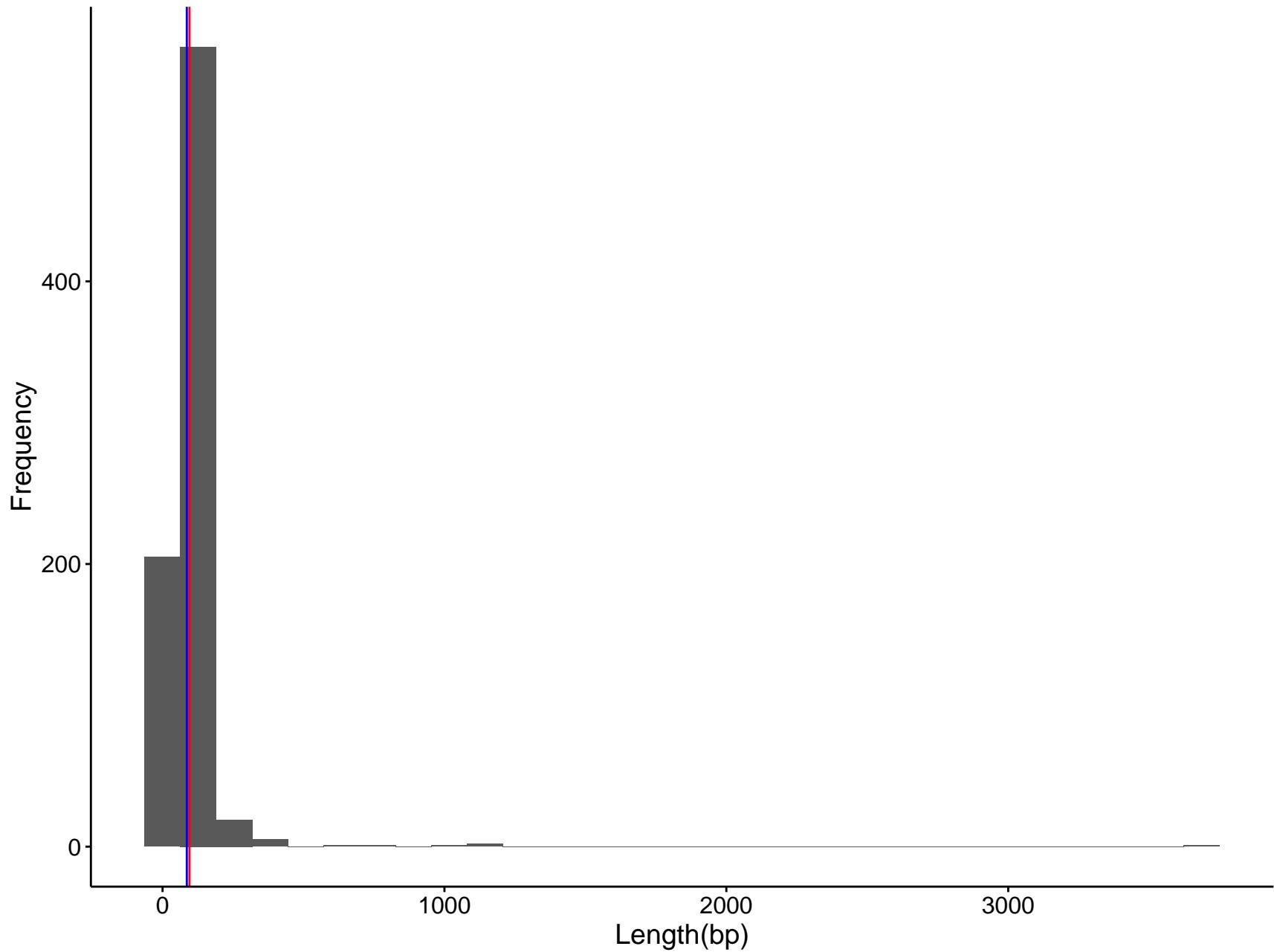
Cluster592



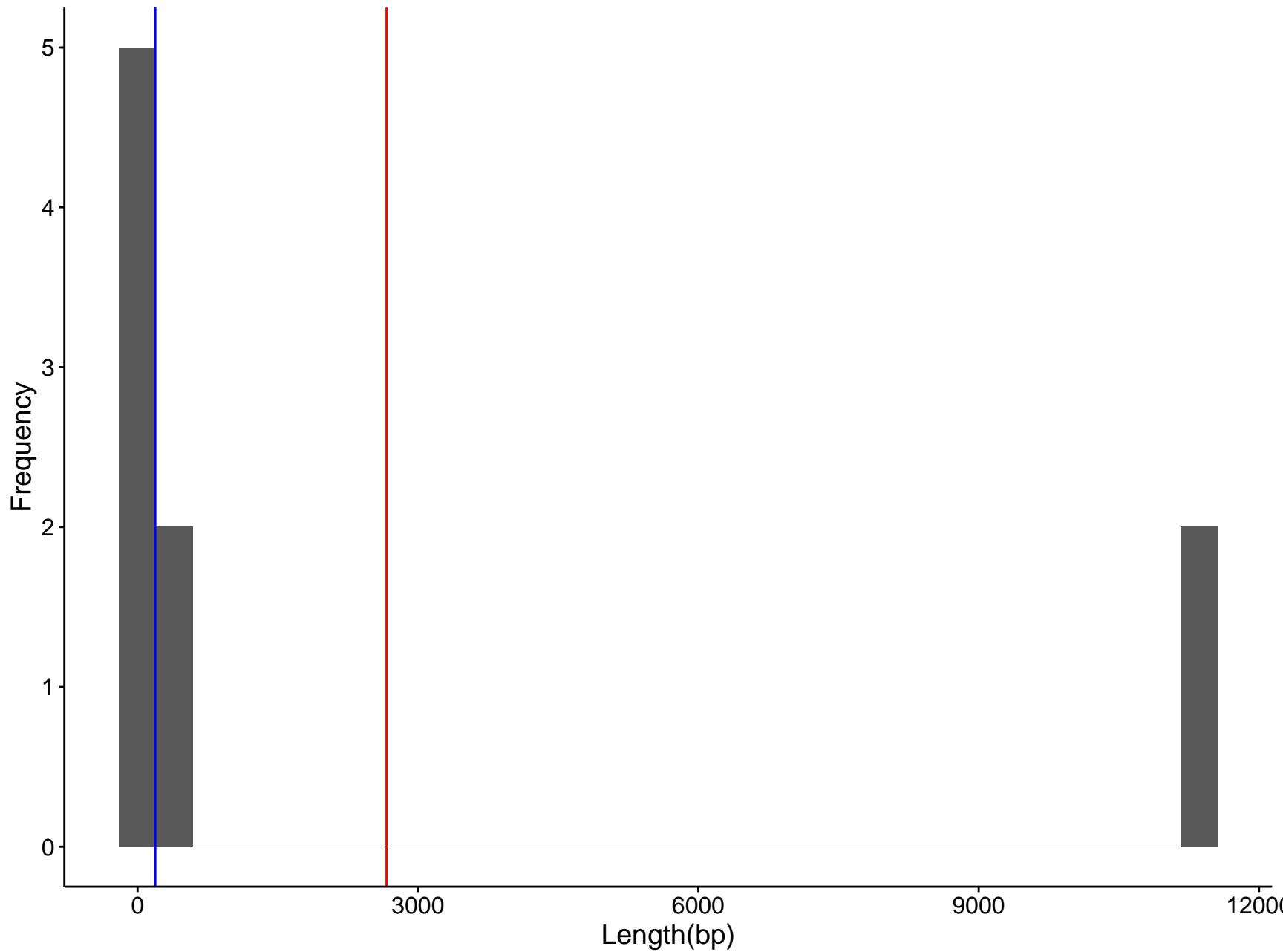
Cluster593



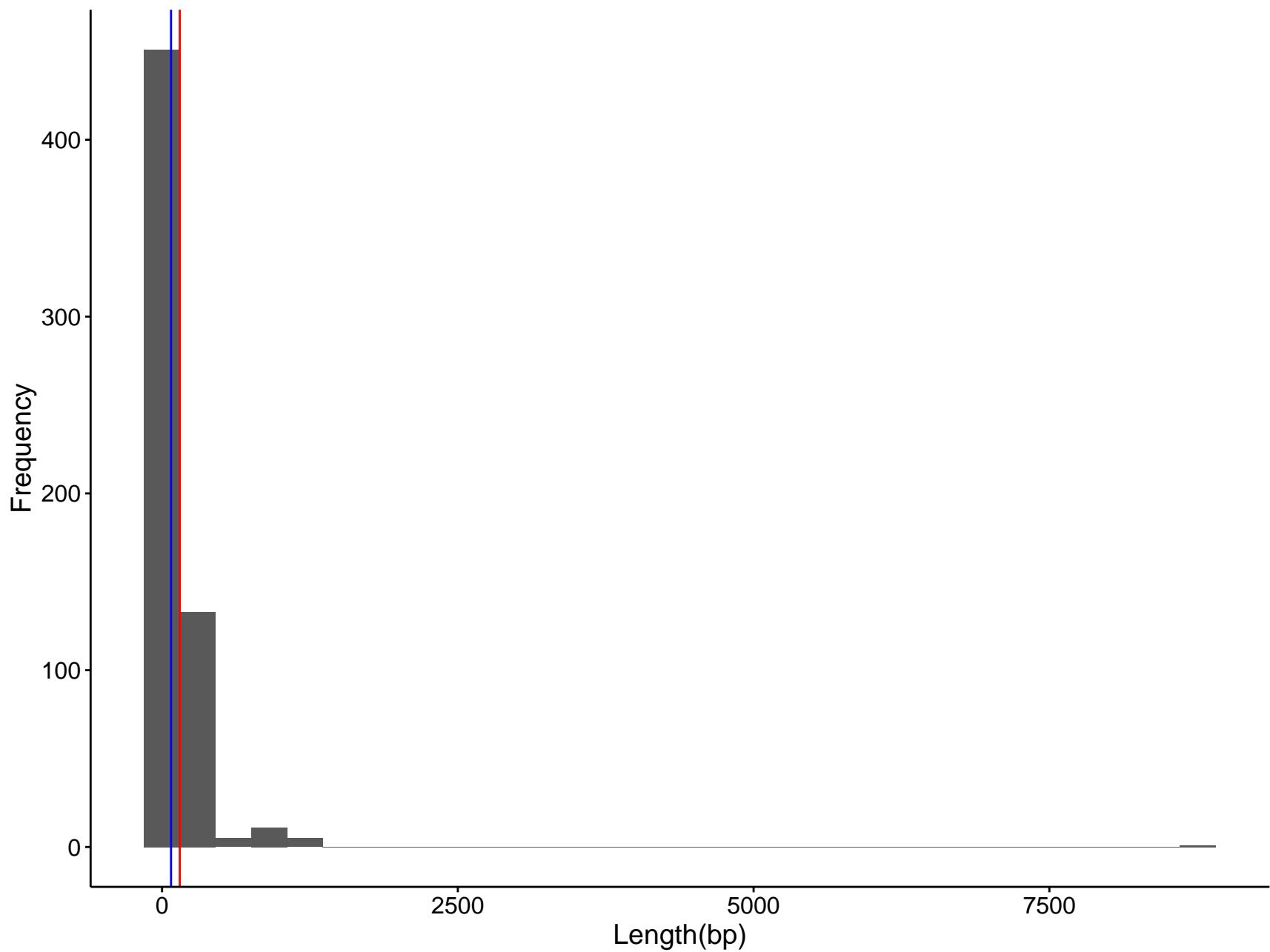
Cluster594



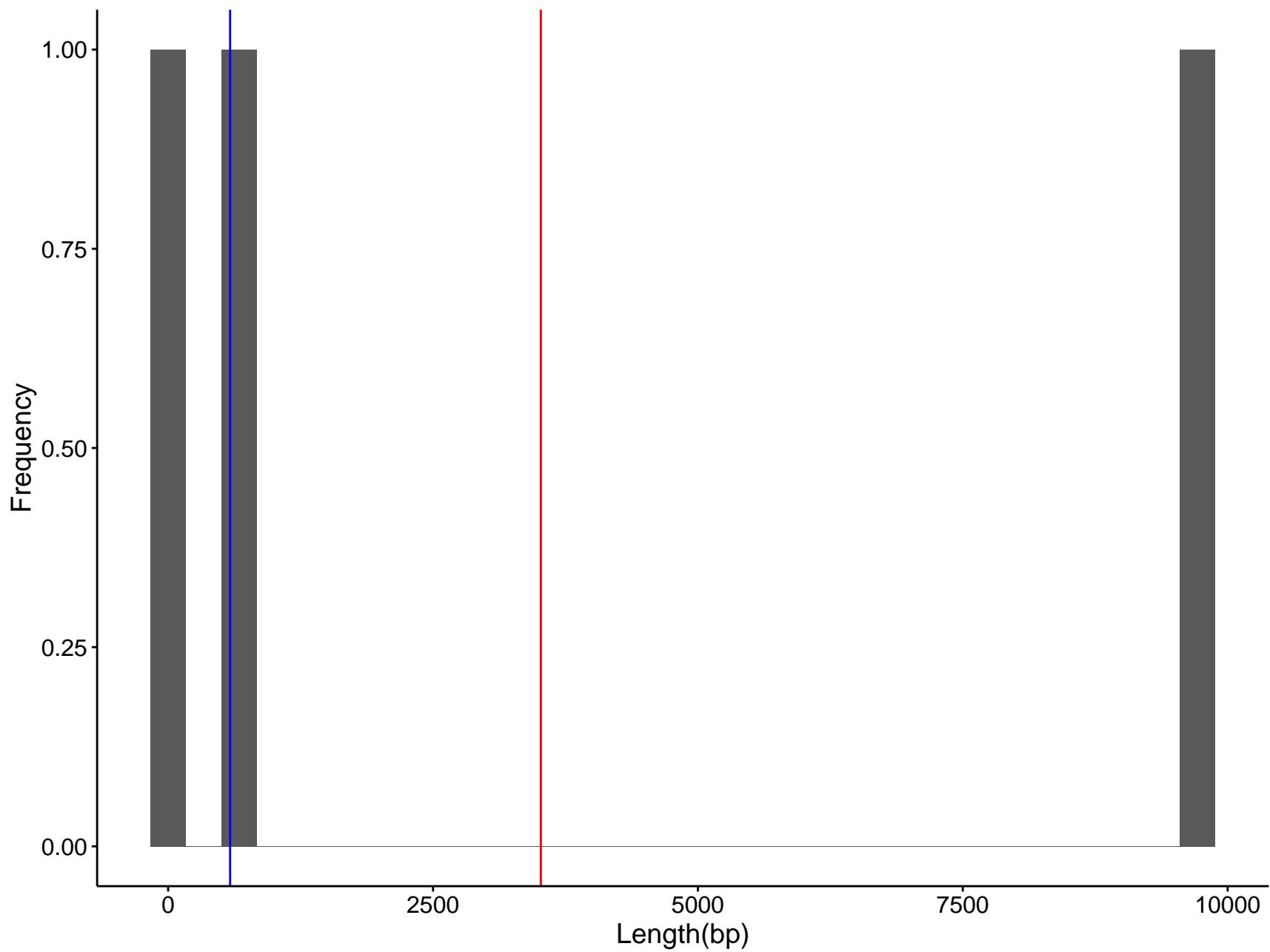
Cluster595



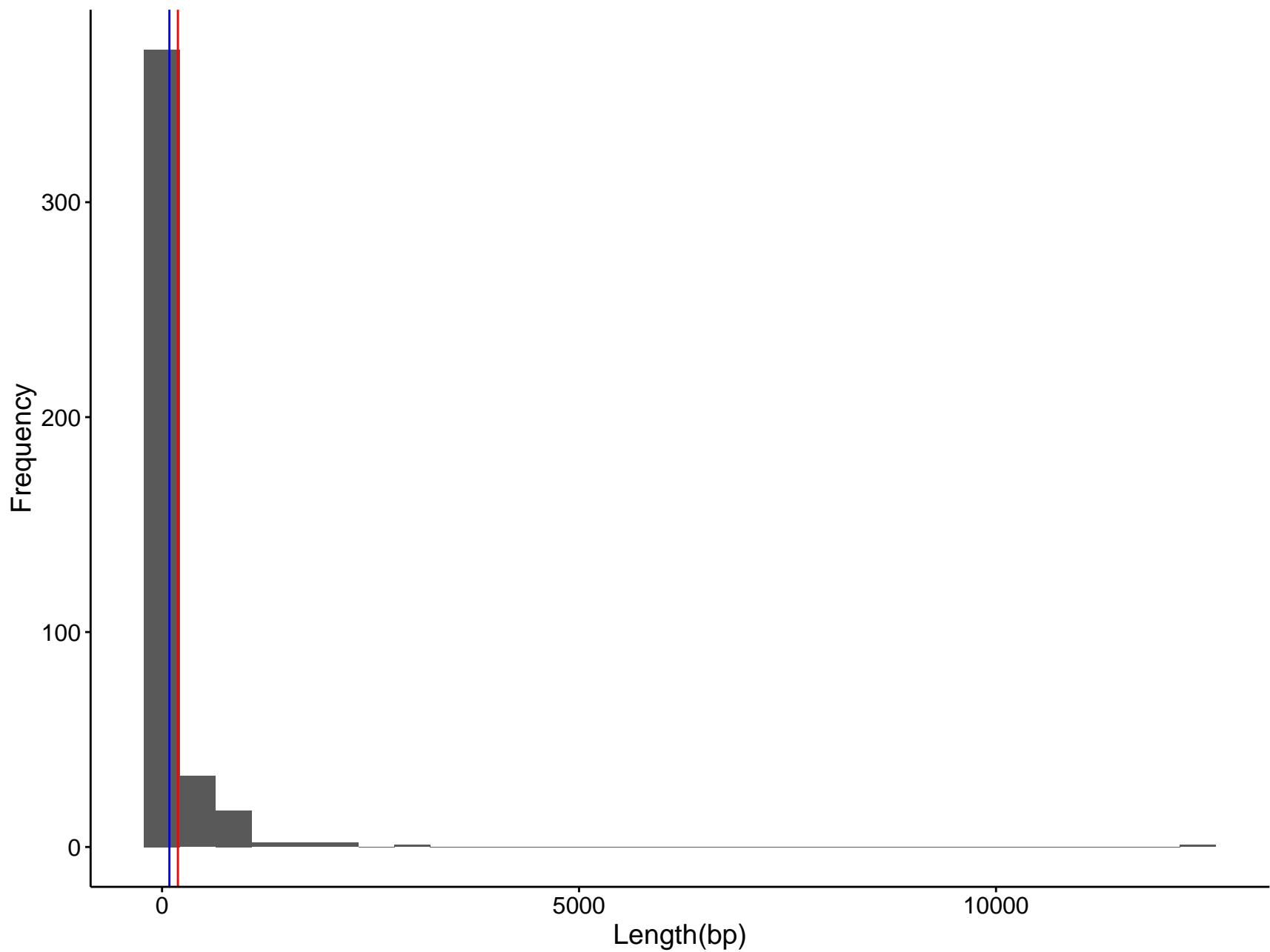
Cluster596



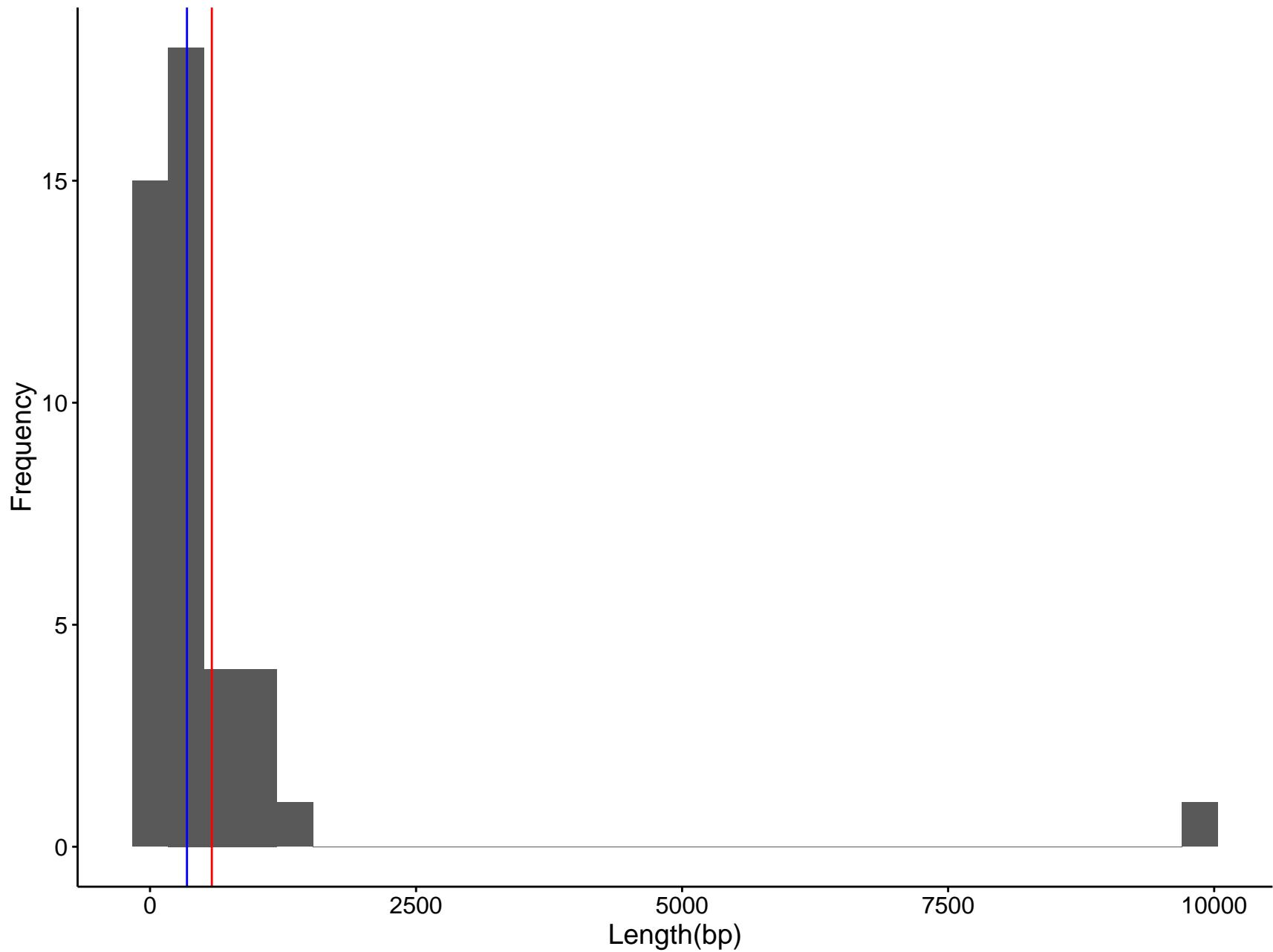
Cluster597



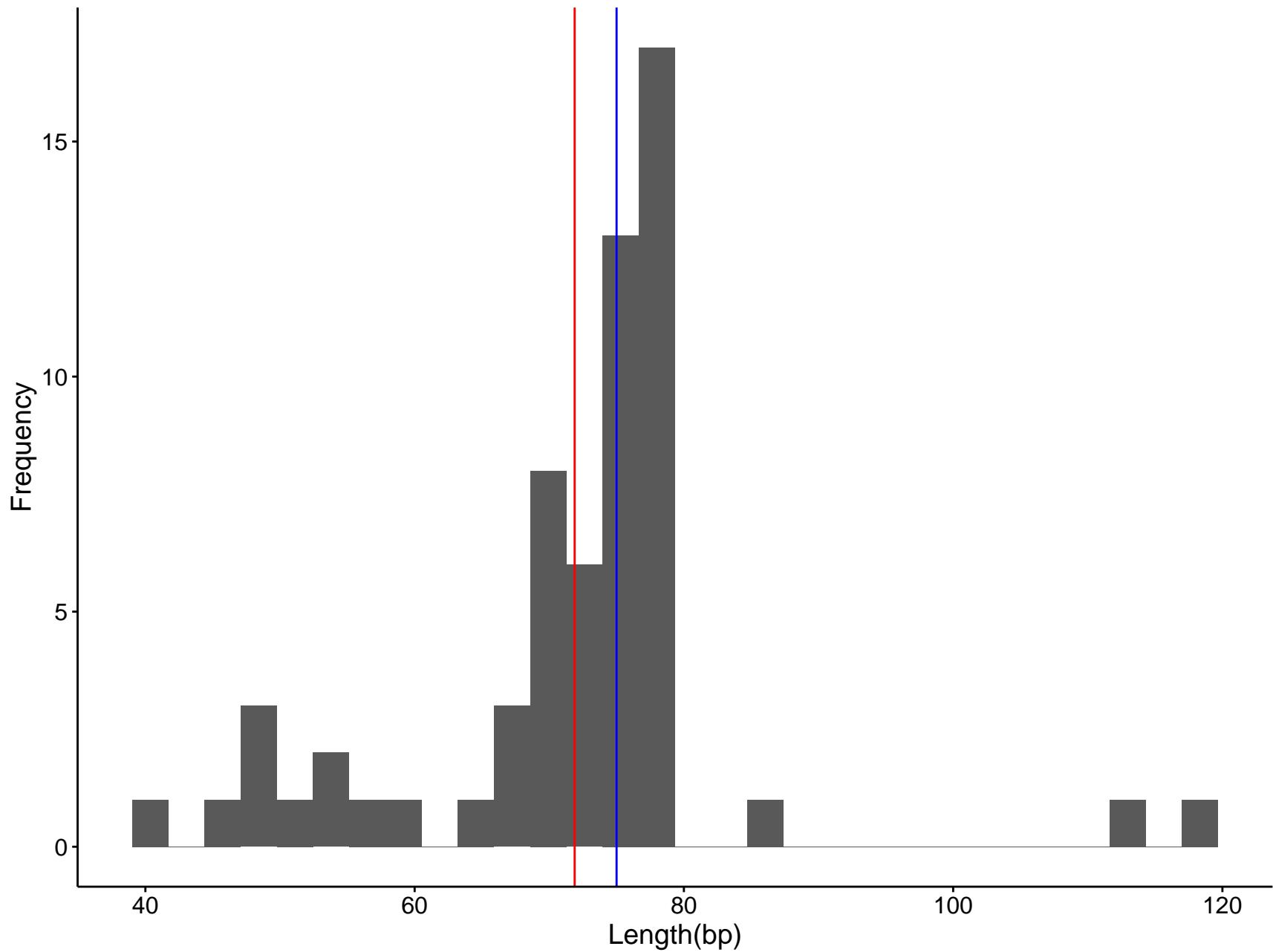
Cluster598

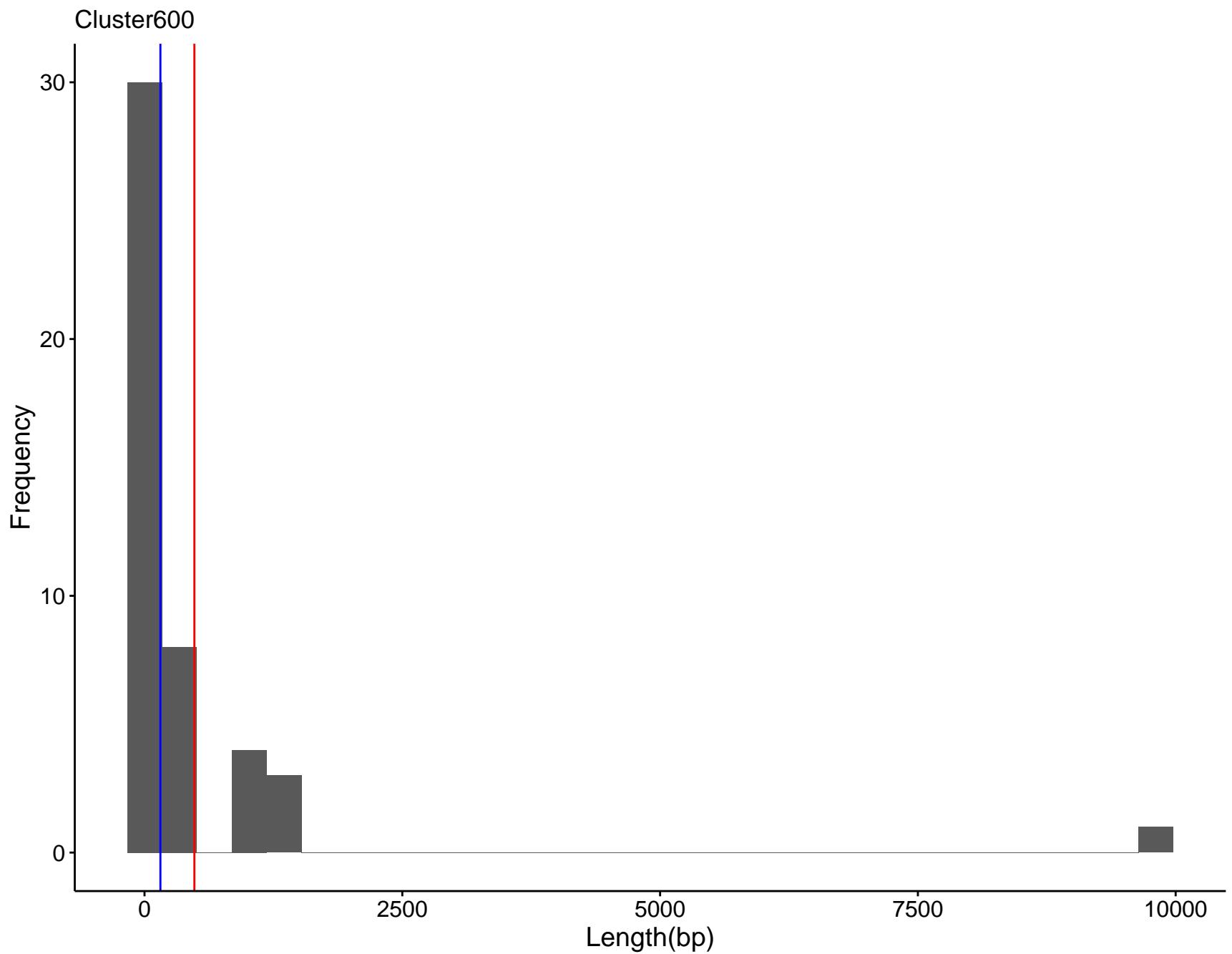


Cluster599

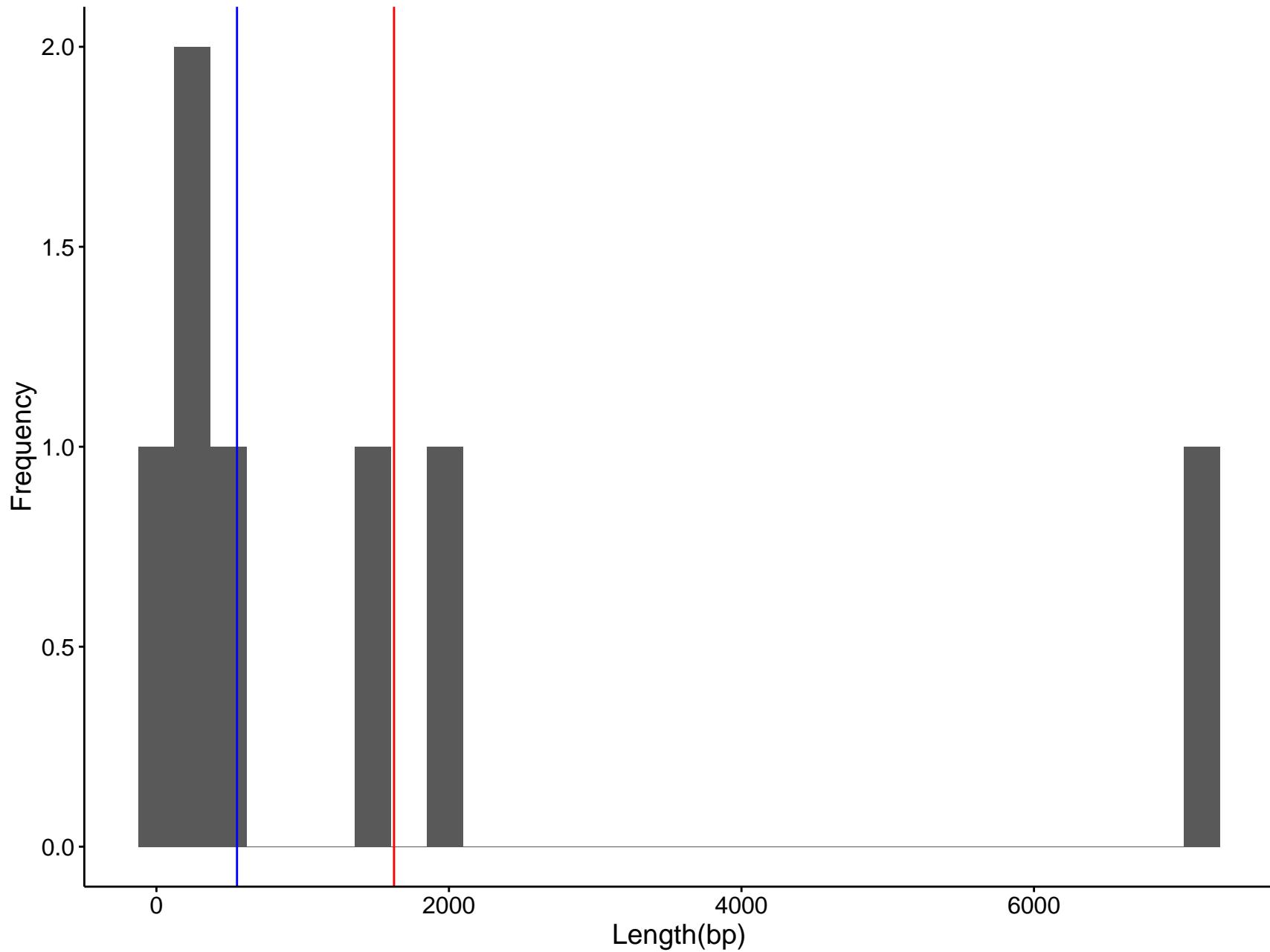


Cluster59

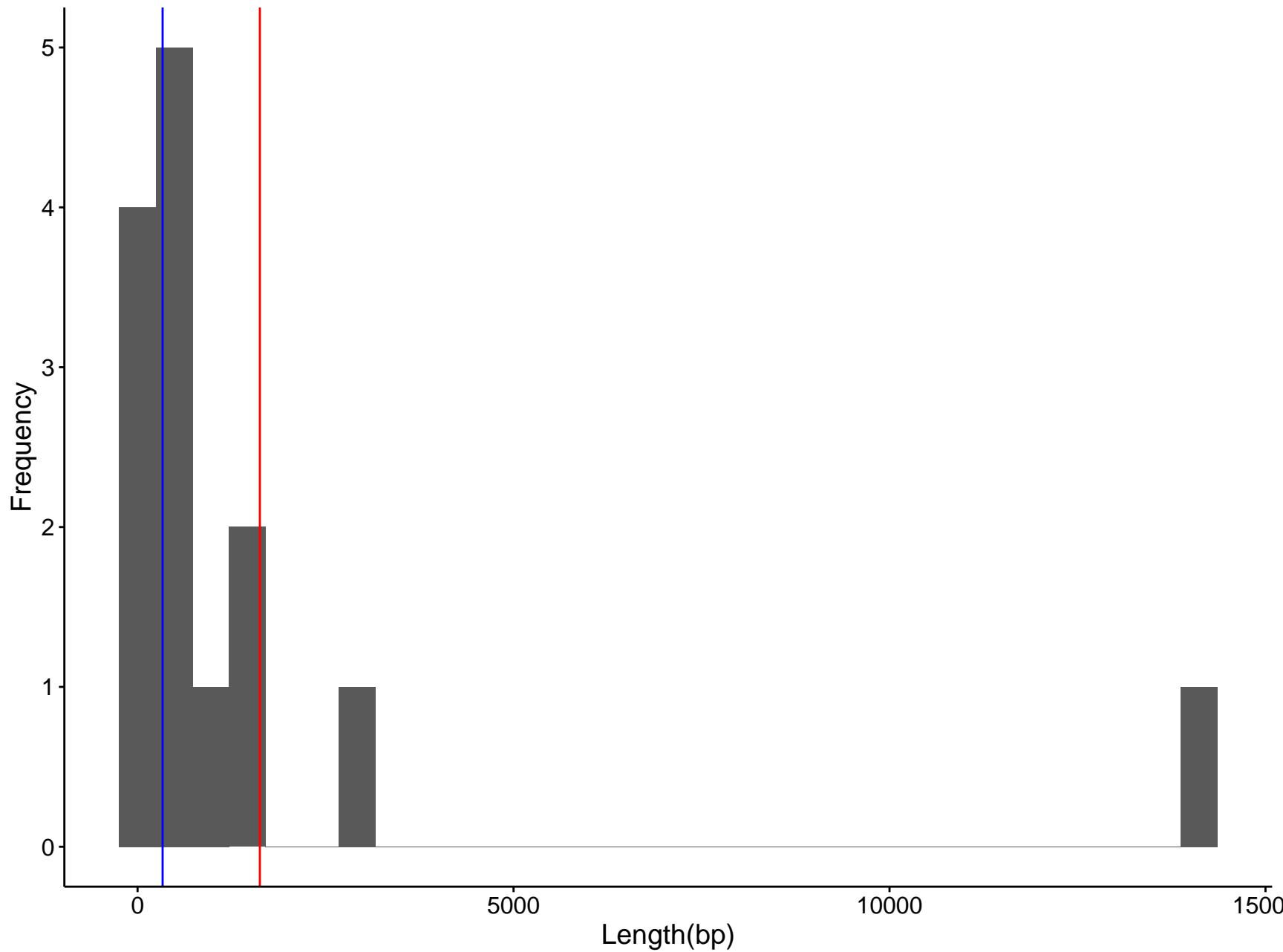




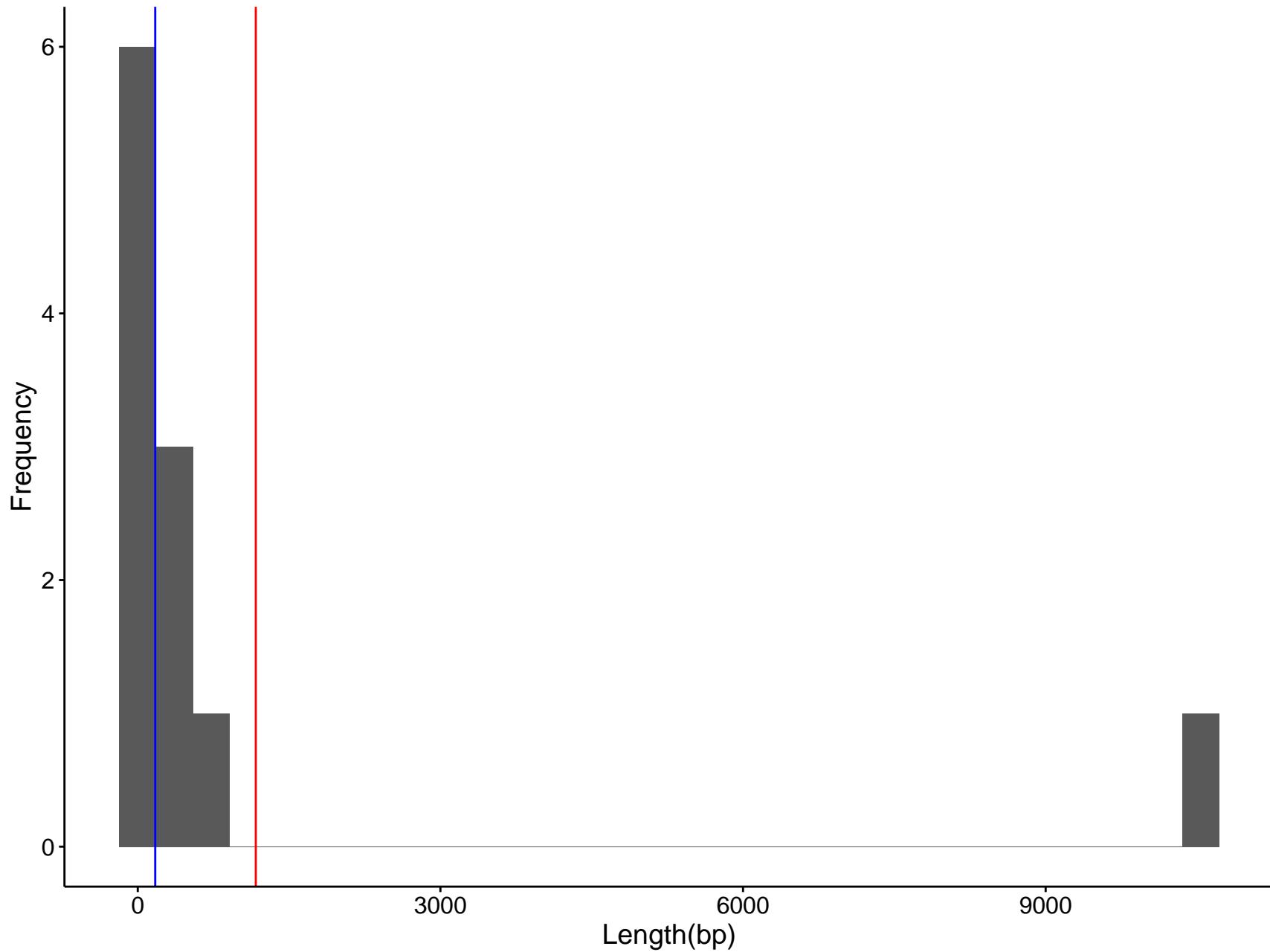
Cluster601



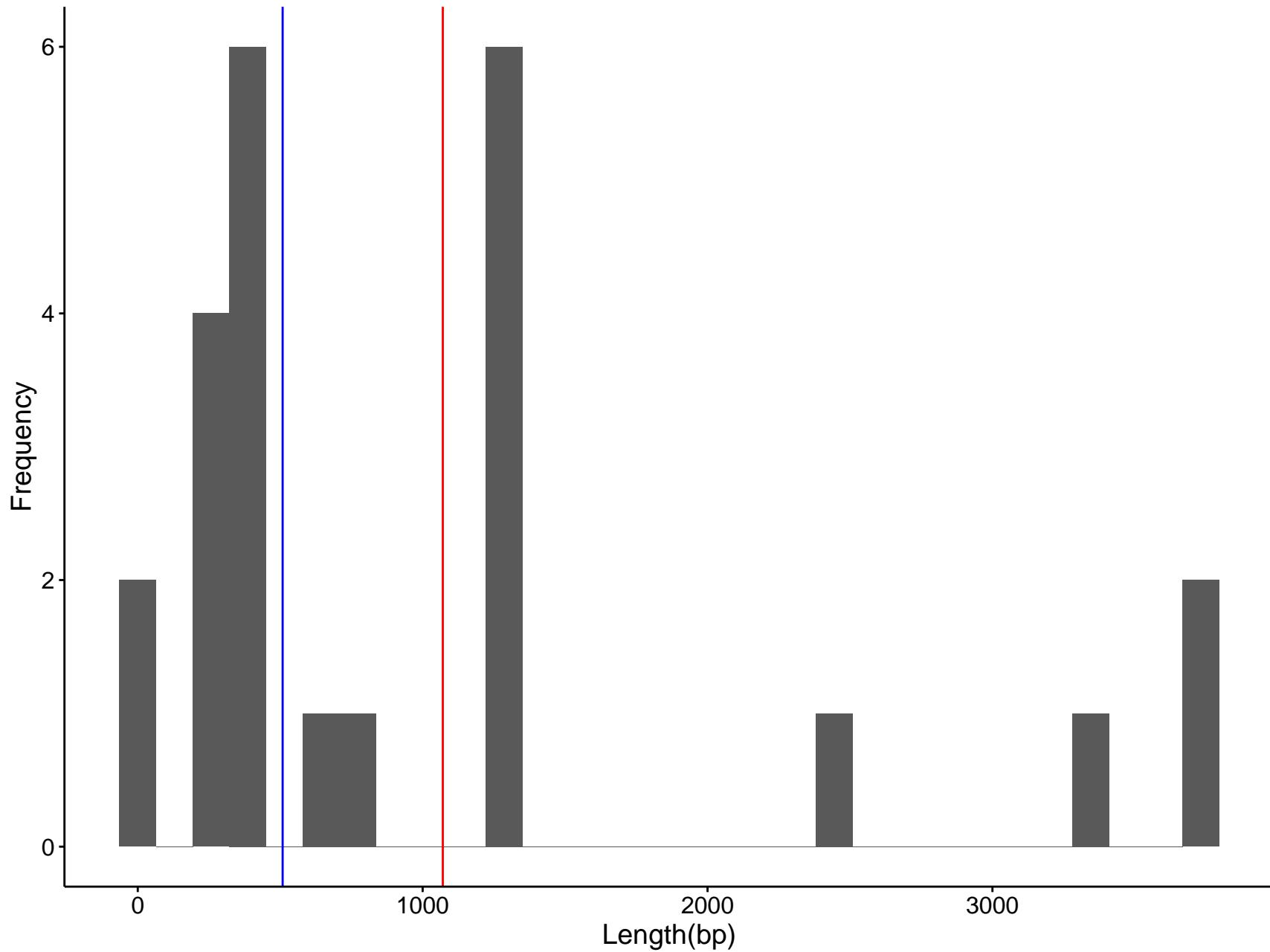
Cluster602



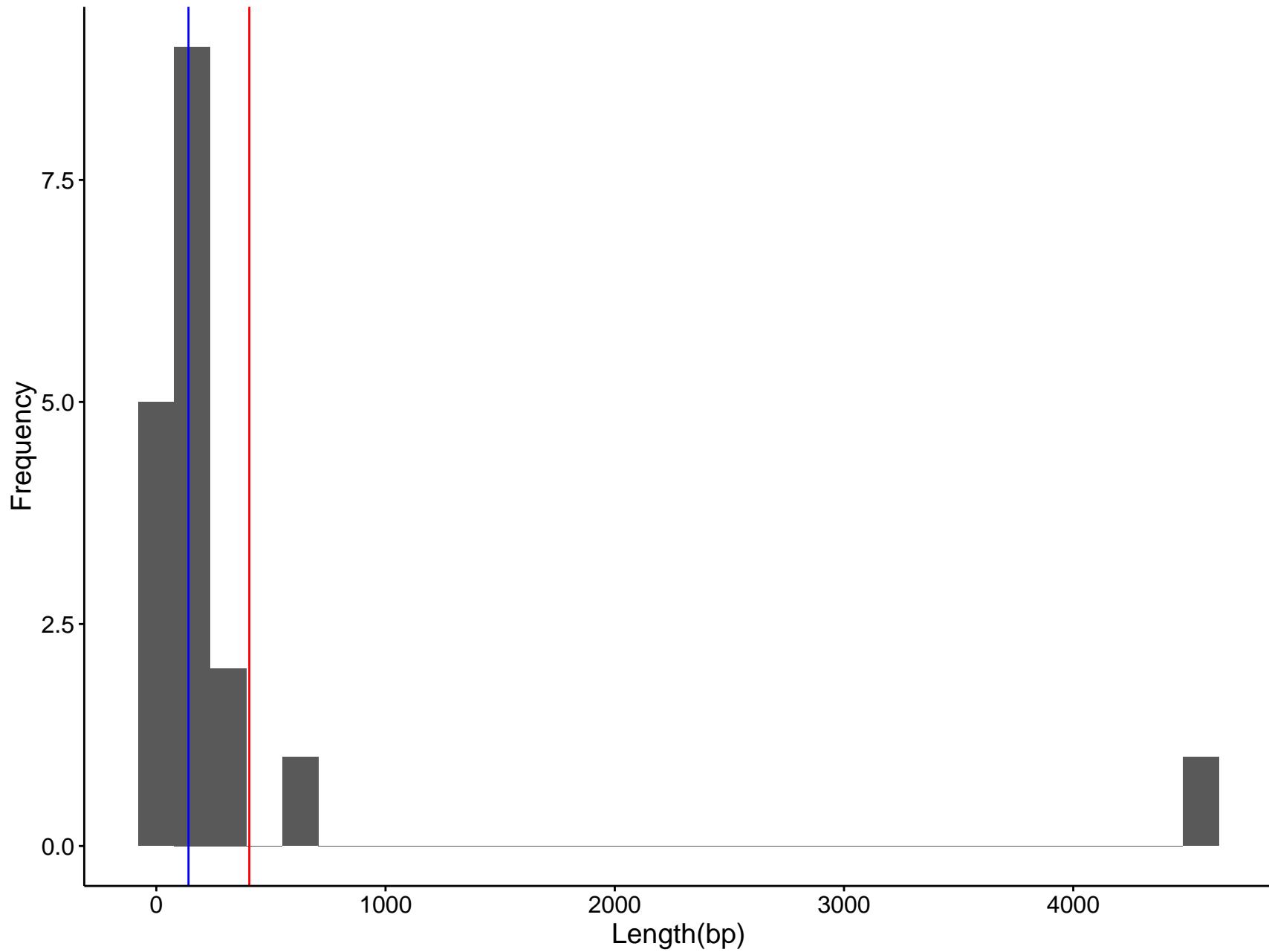
Cluster603



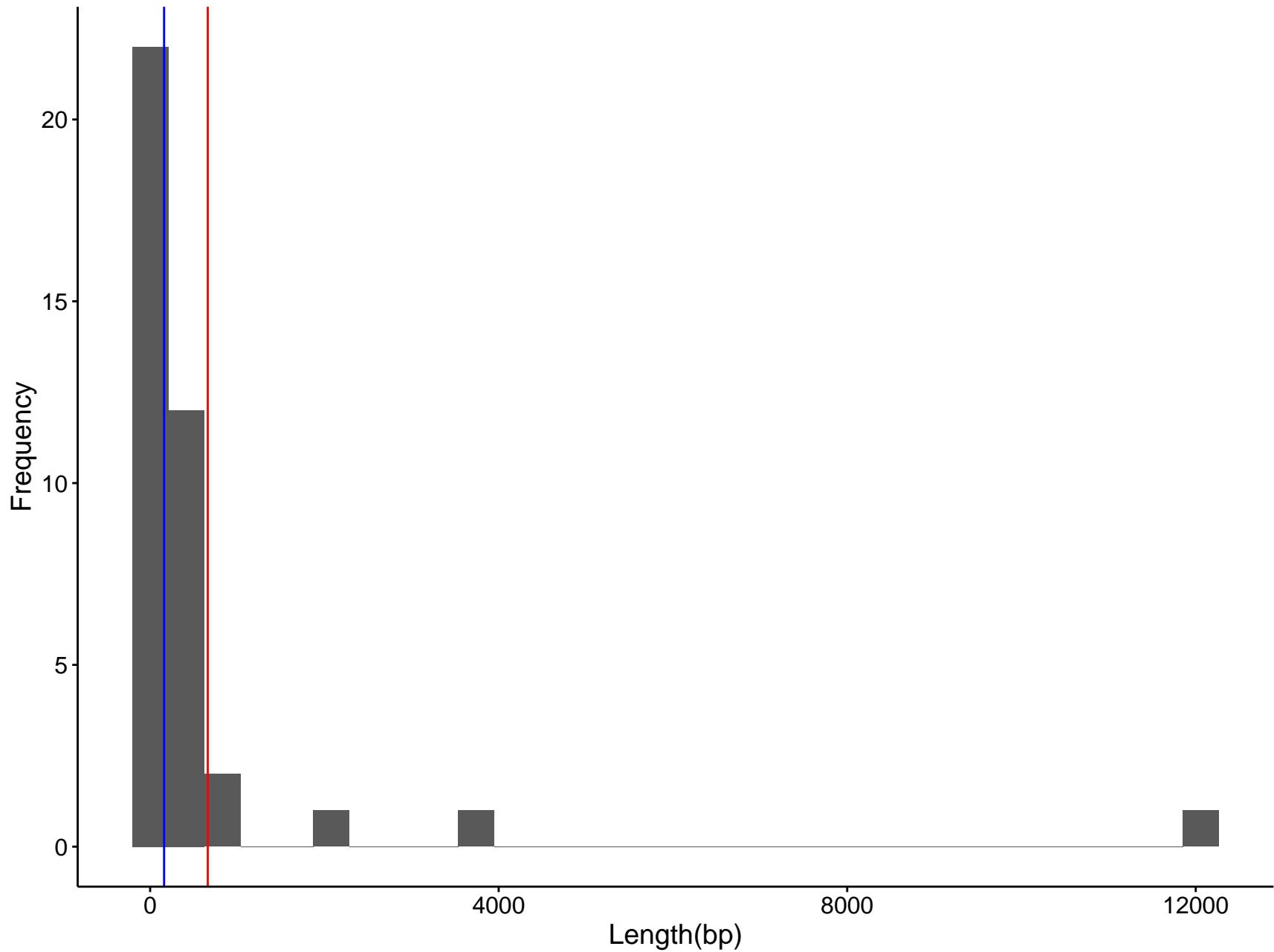
Cluster604



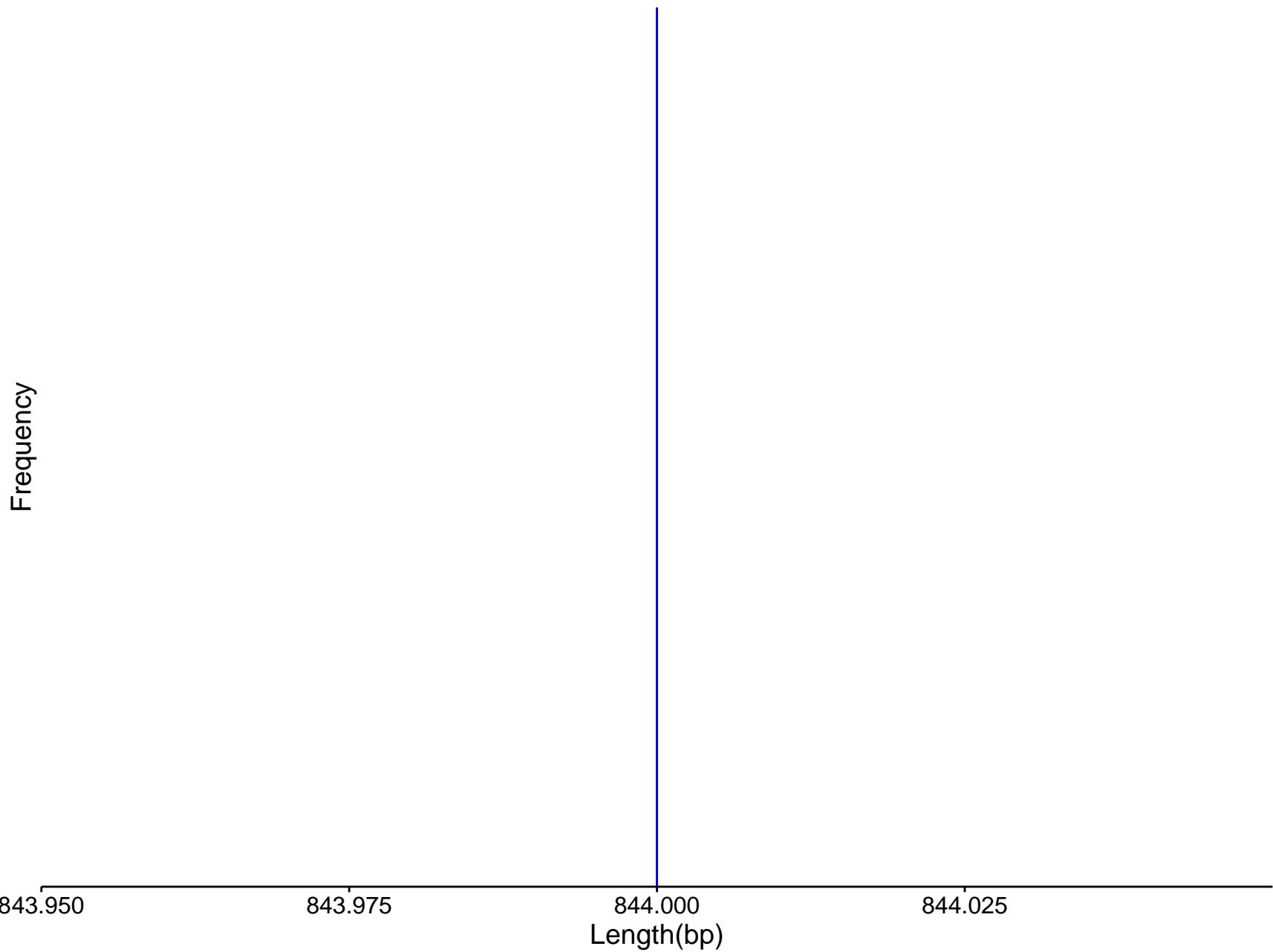
Cluster607



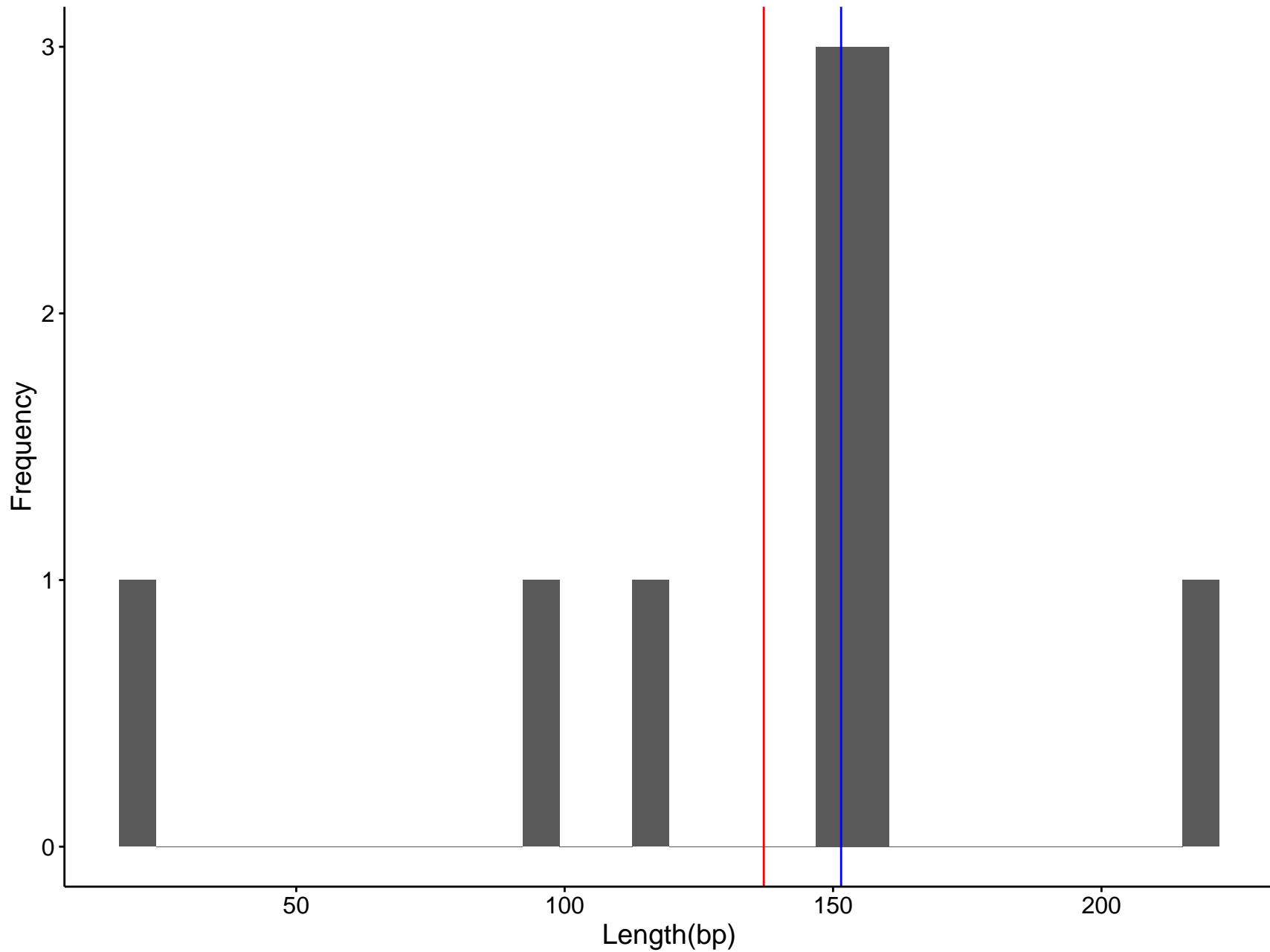
Cluster608



Cluster609



Cluster60



Cluster610

Frequency

162.950

162.975

163.000

163.025

163.0

Length(bp)



Cluster611

Frequency

315.950

315.975

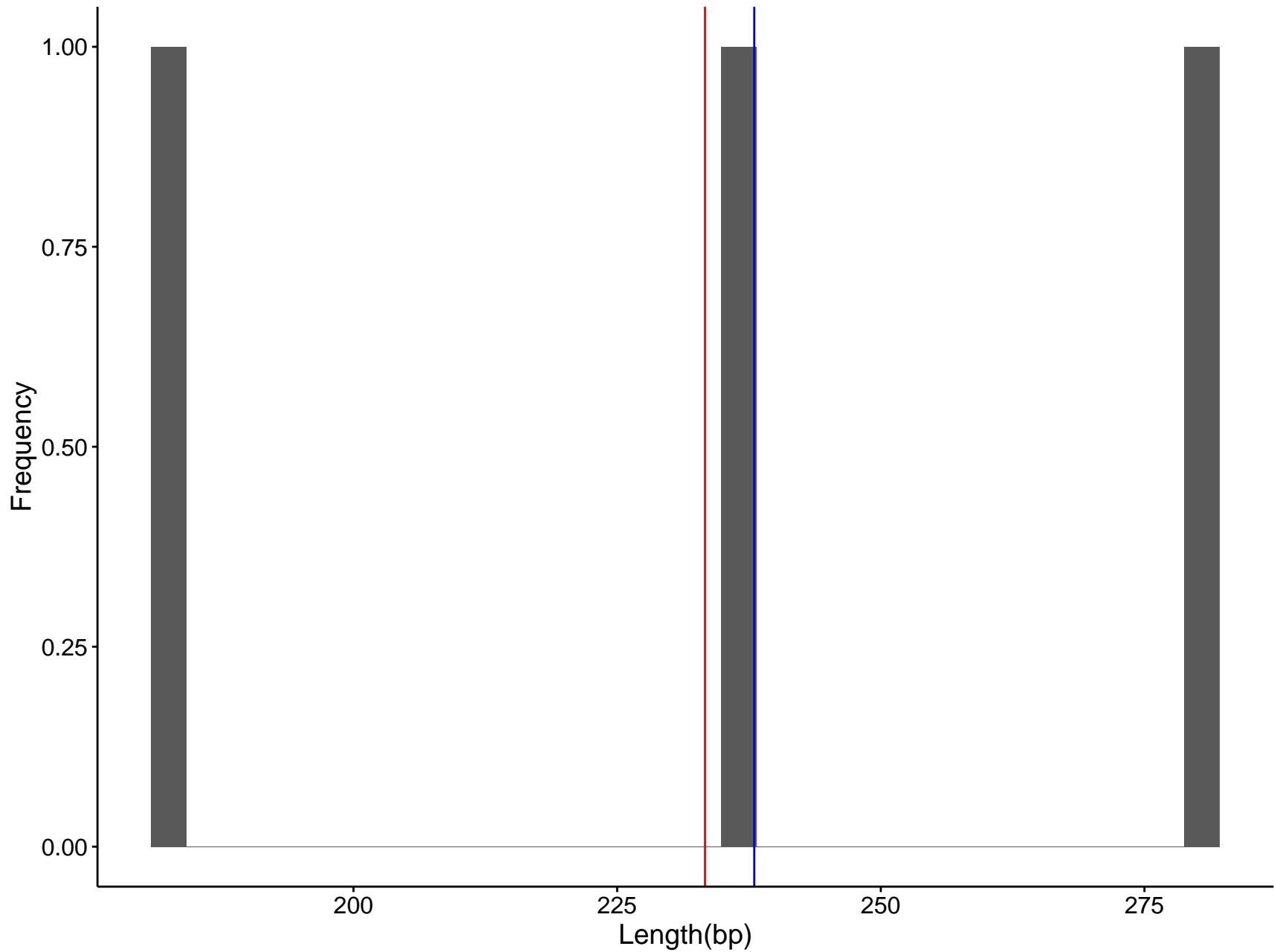
316.000

316.025

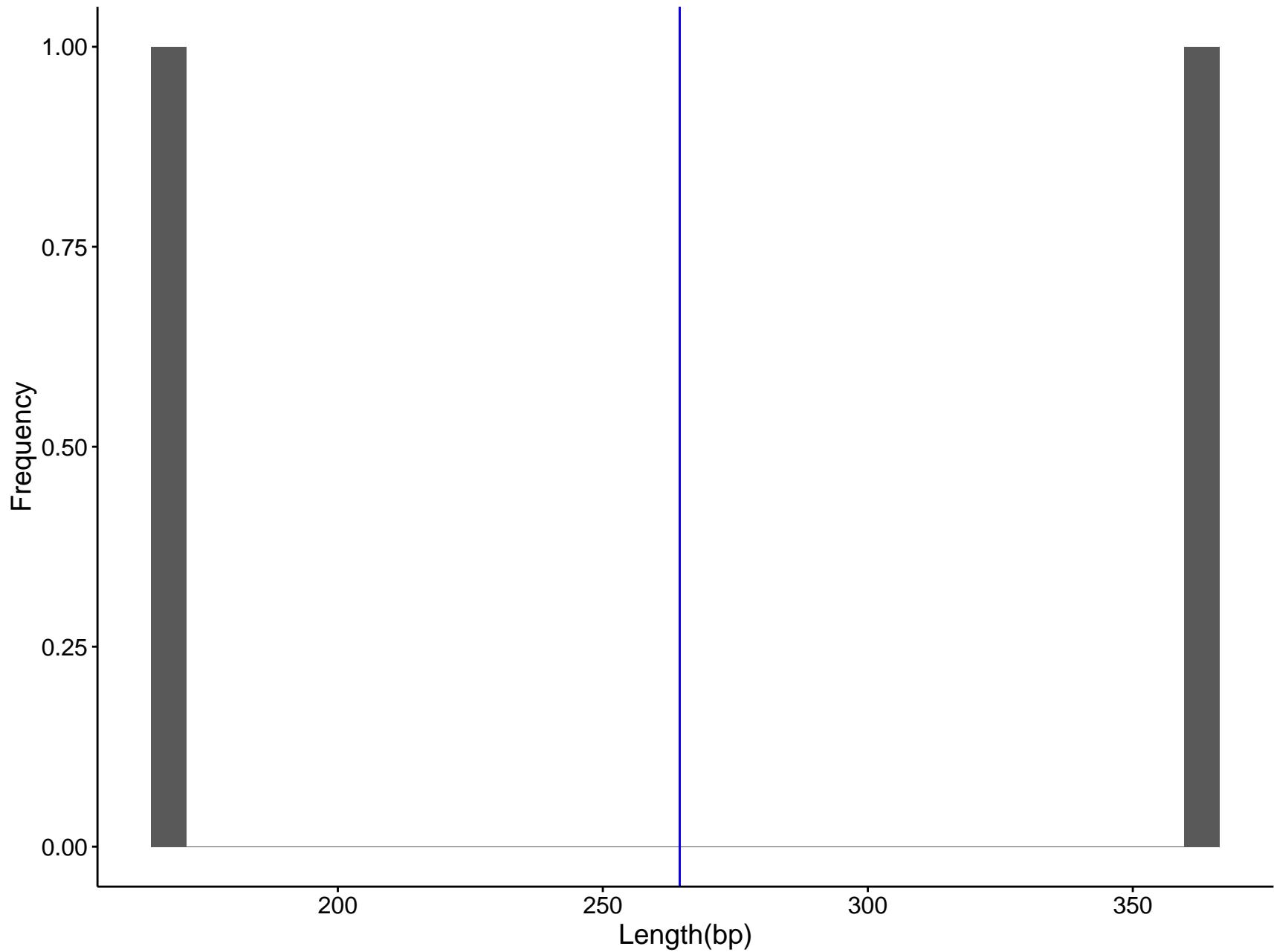
Length(bp)



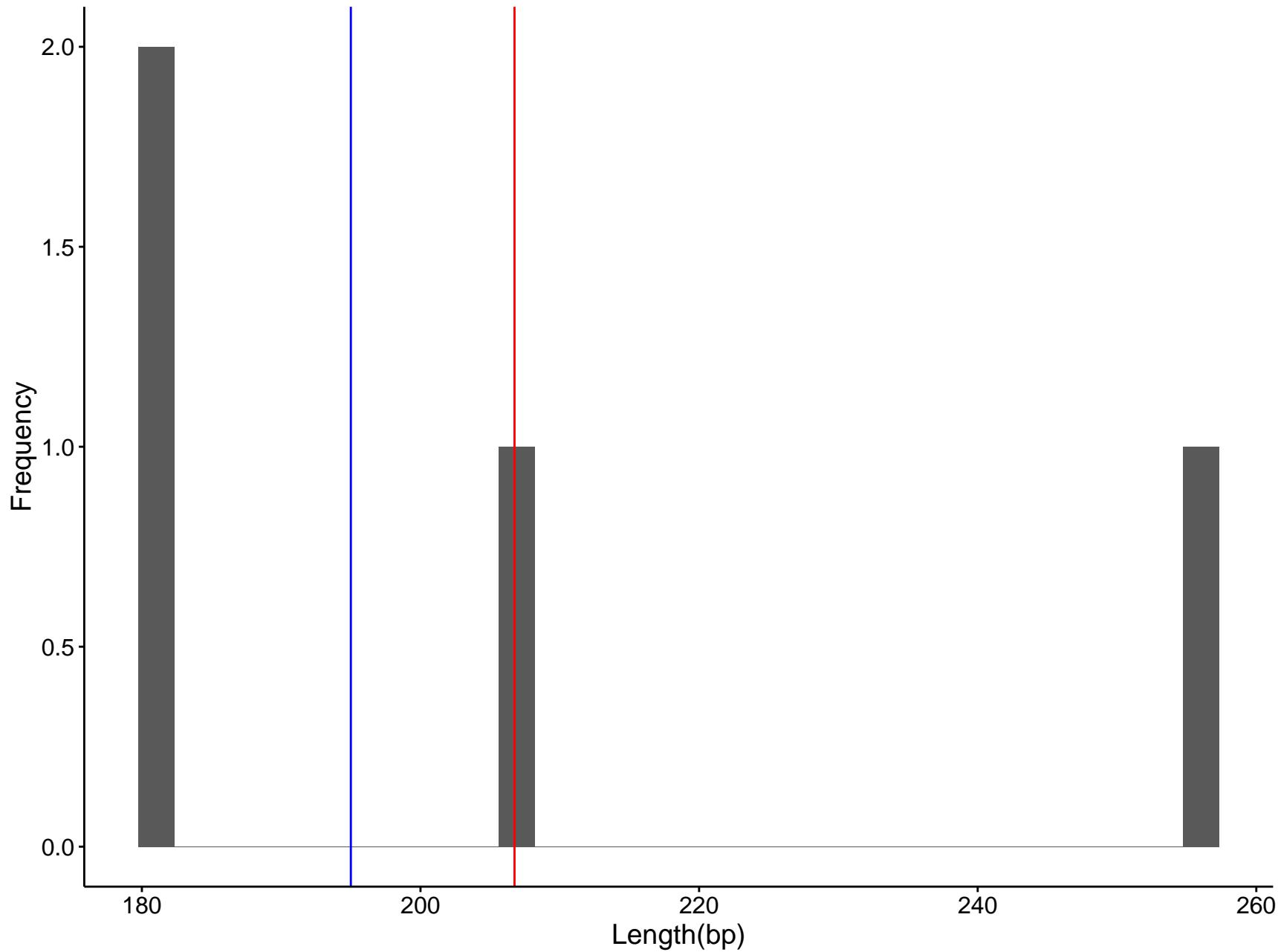
Cluster612



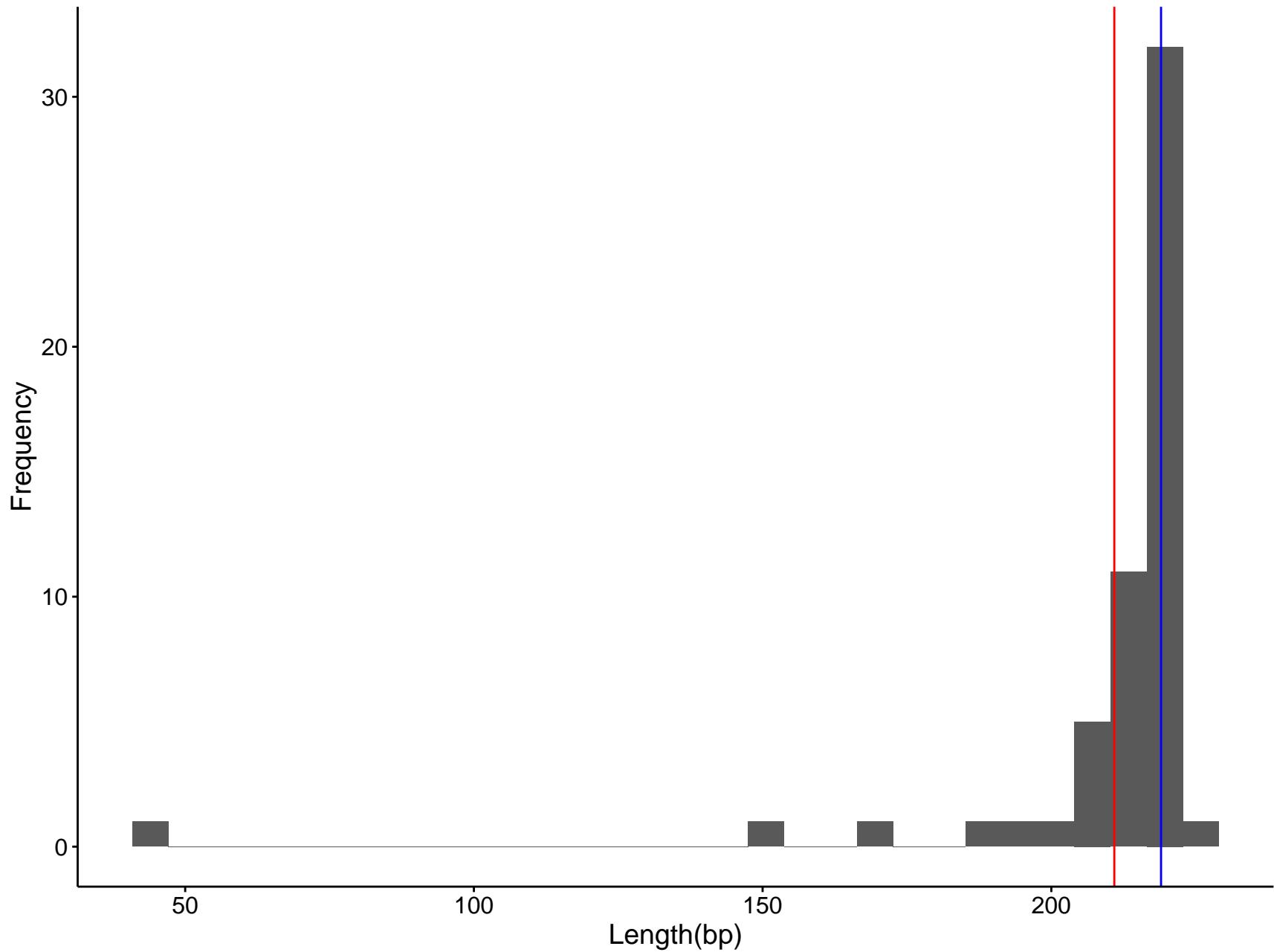
Cluster613



Cluster616



Cluster61



Cluster622

Frequency

750.950

750.975

751.000

751.025

Length(bp)



Cluster623

Frequency

77.950

77.975

78.000

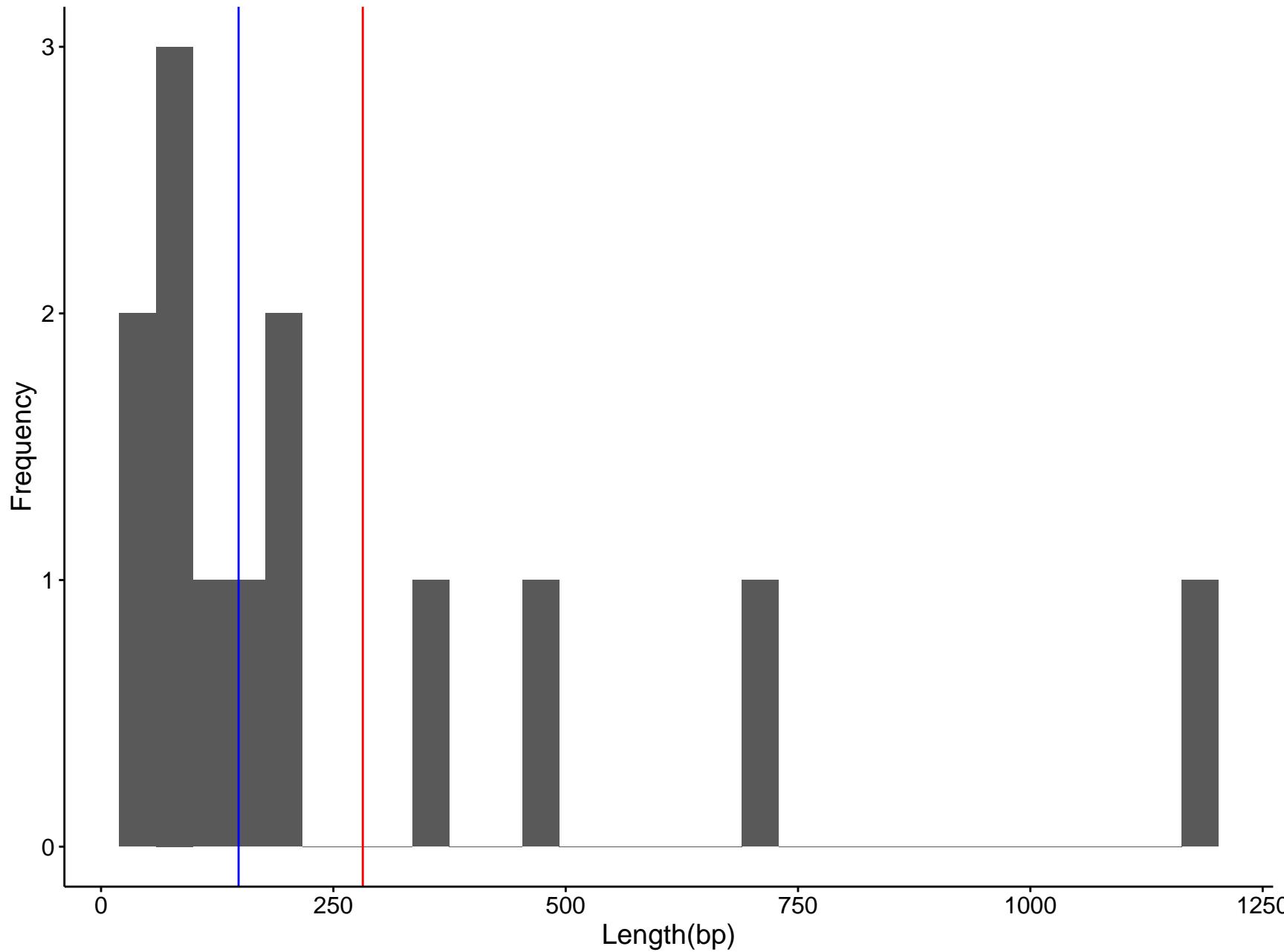
78.025

78.0

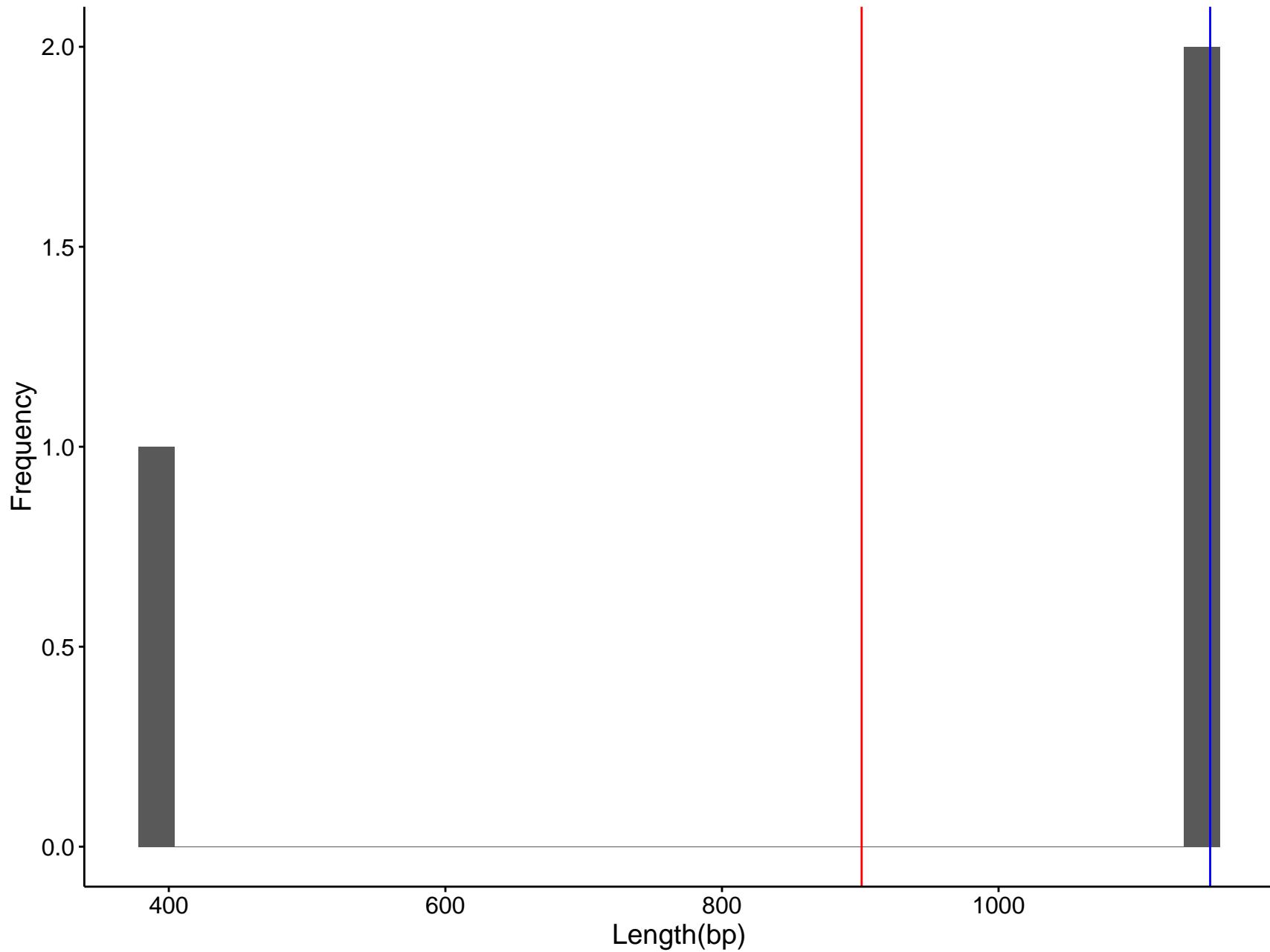
Length(bp)



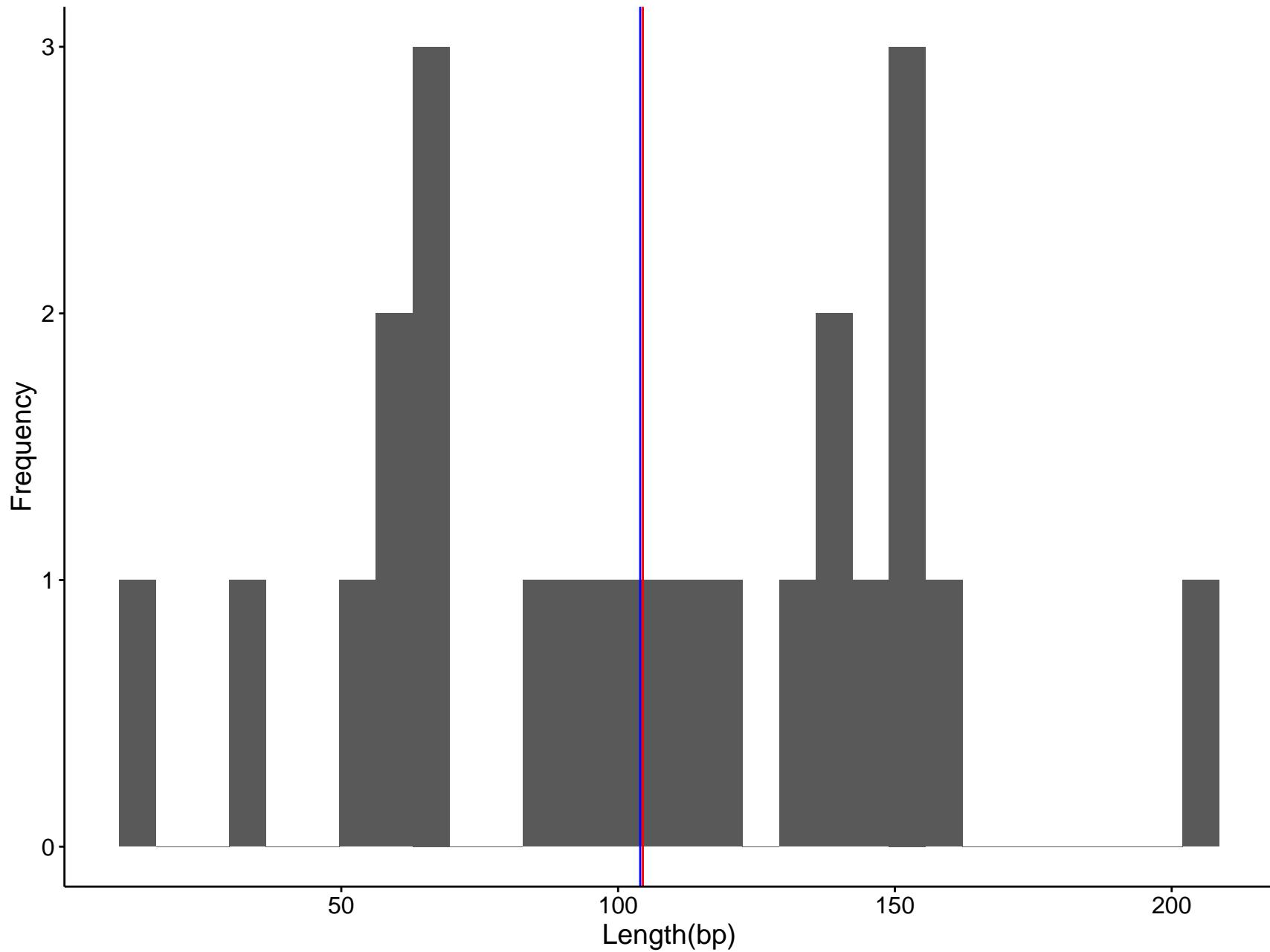
Cluster625



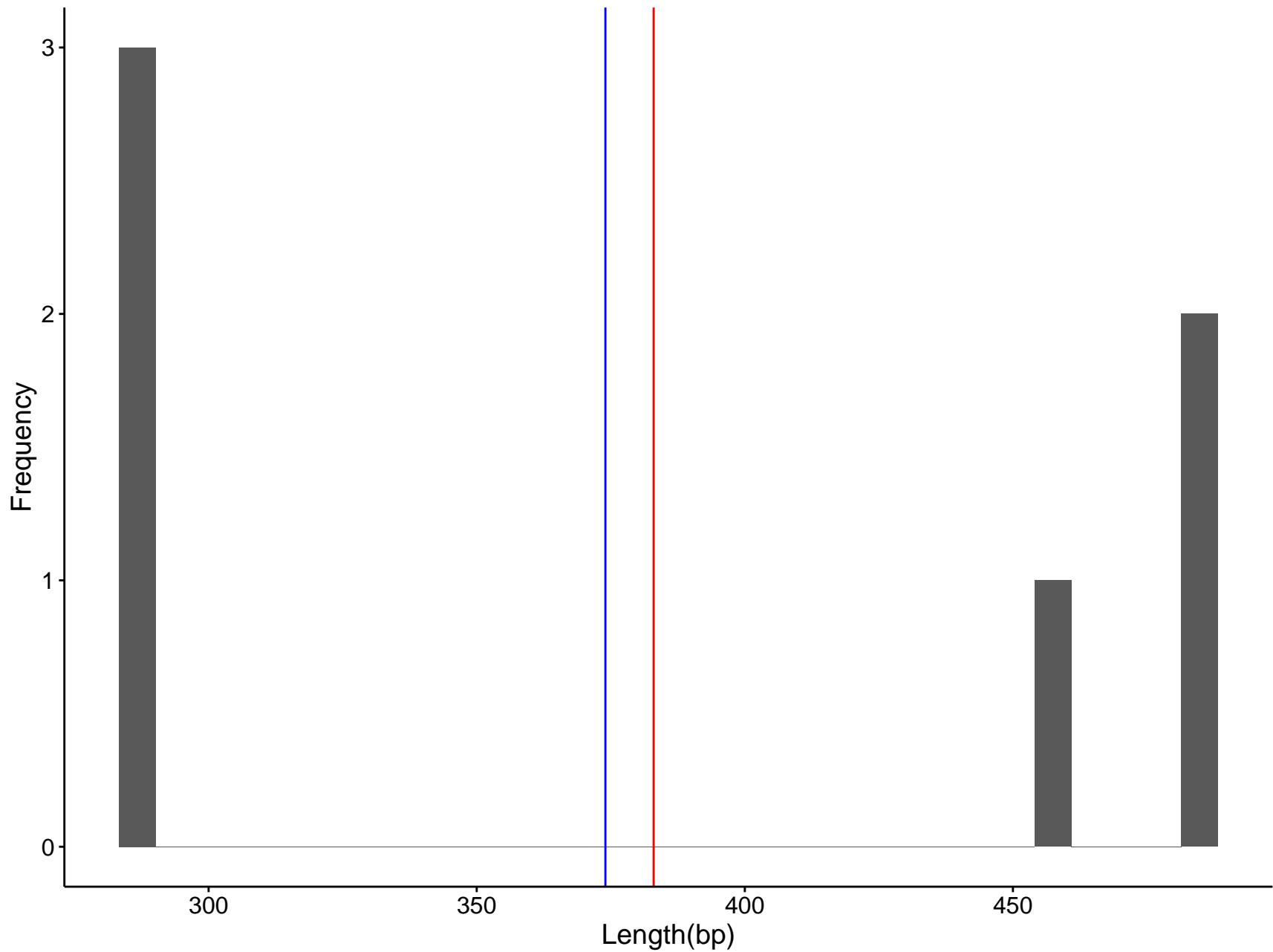
Cluster626



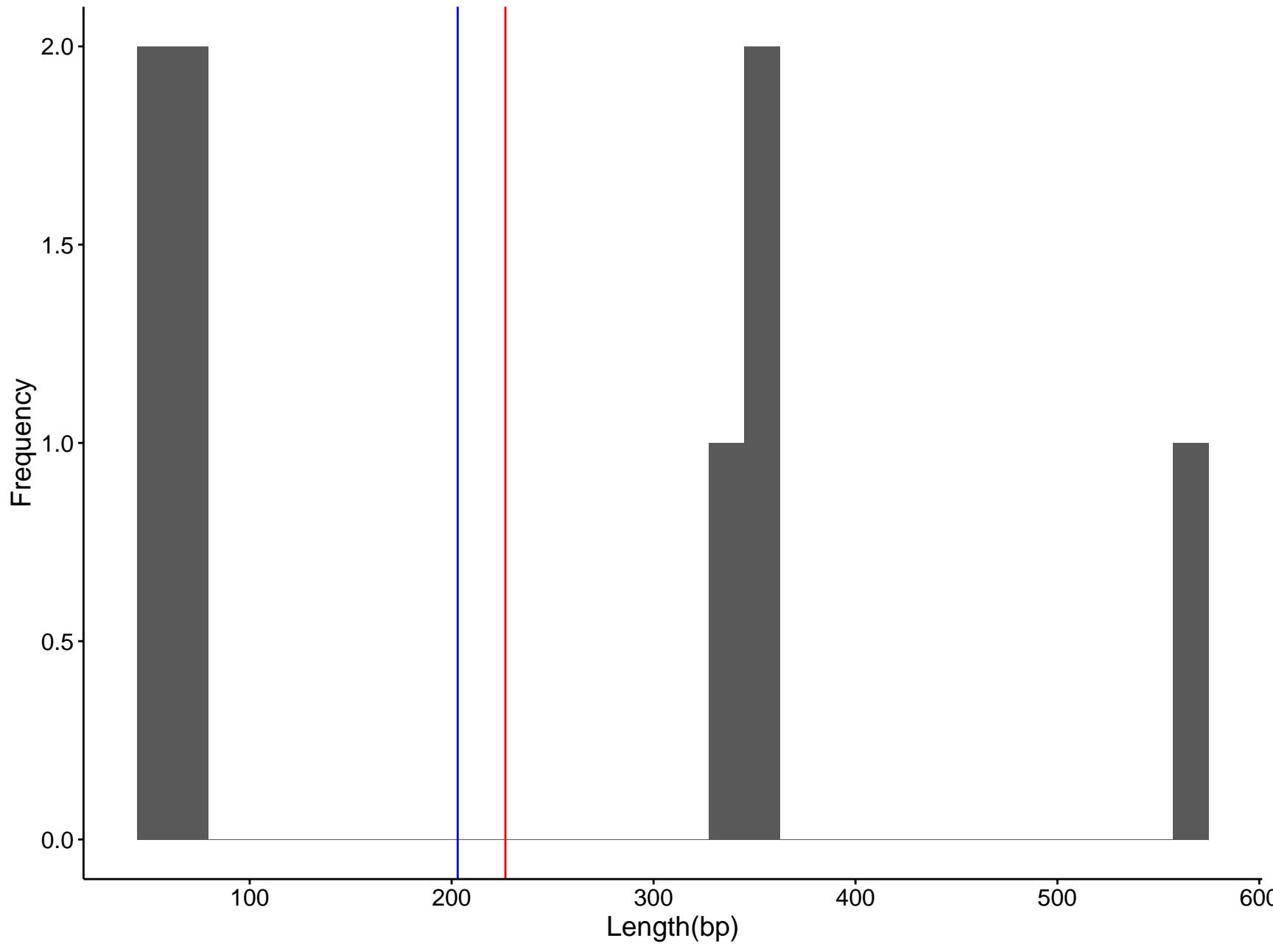
Cluster627



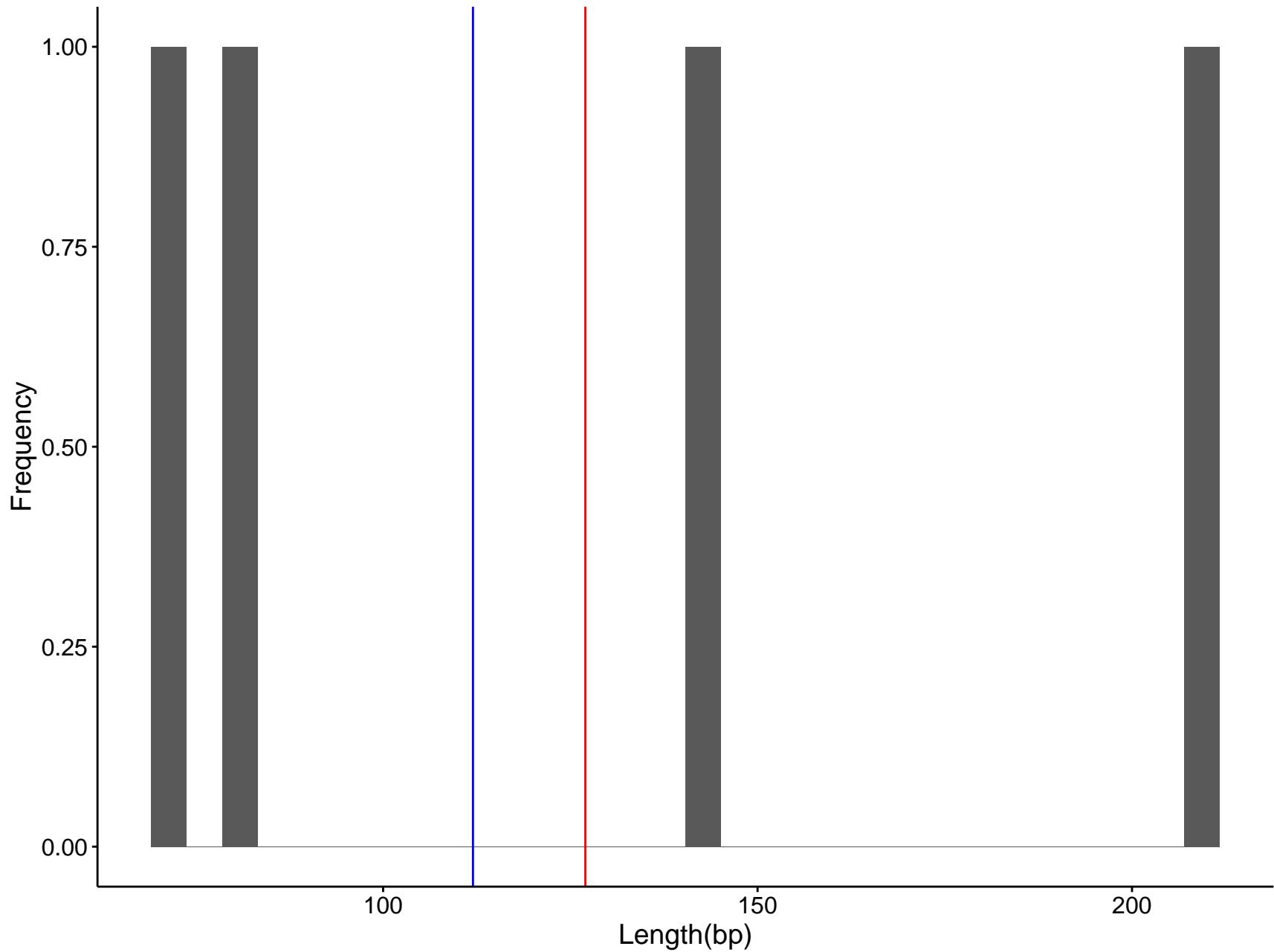
Cluster629



Cluster62



Cluster632



Cluster633

Frequency

690.950

690.975

691.000

691.025

Length(bp)



Cluster634

Frequency

1346.950

1346.975

1347.000

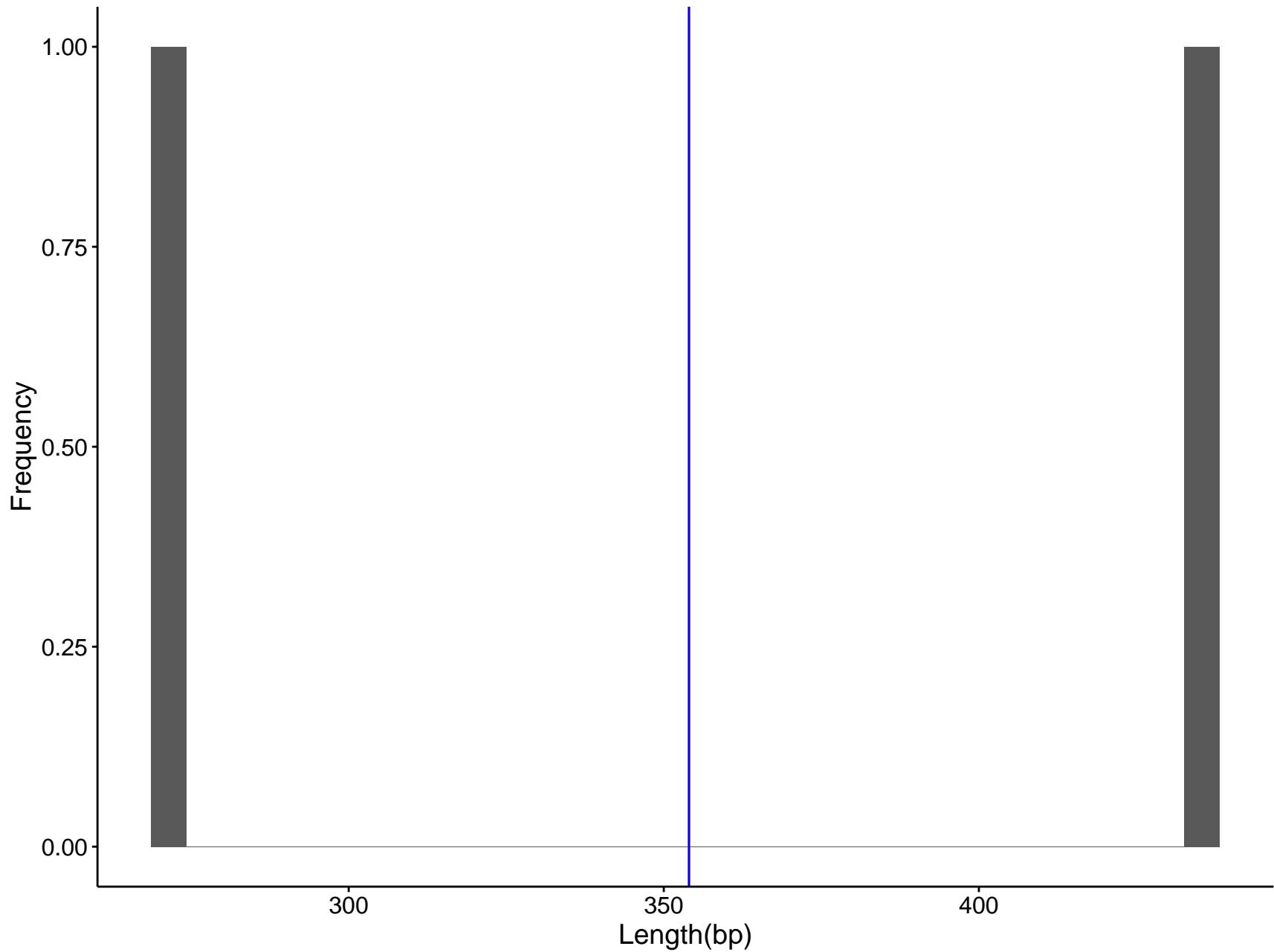
1347.025

1347.

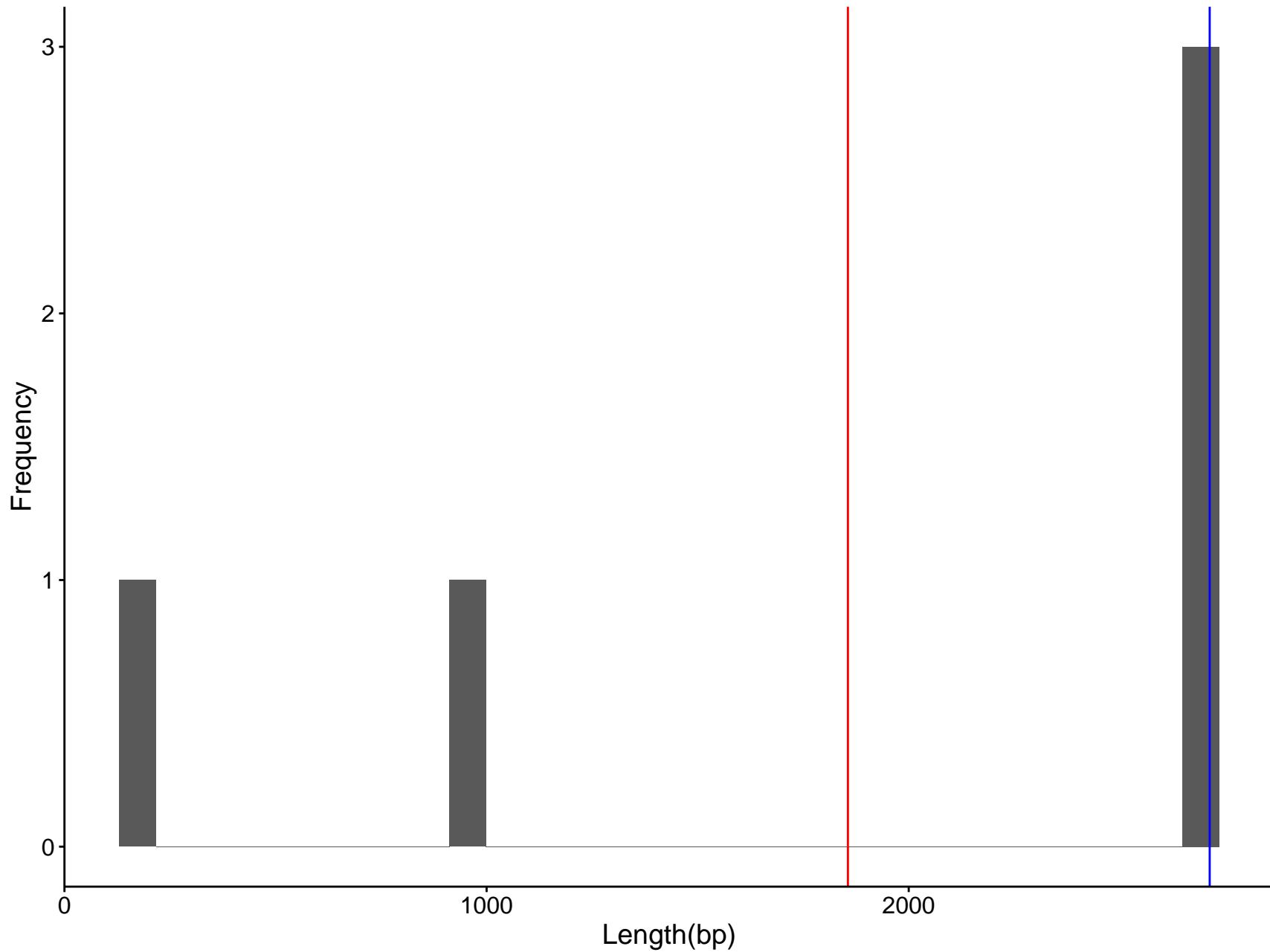
Length(bp)



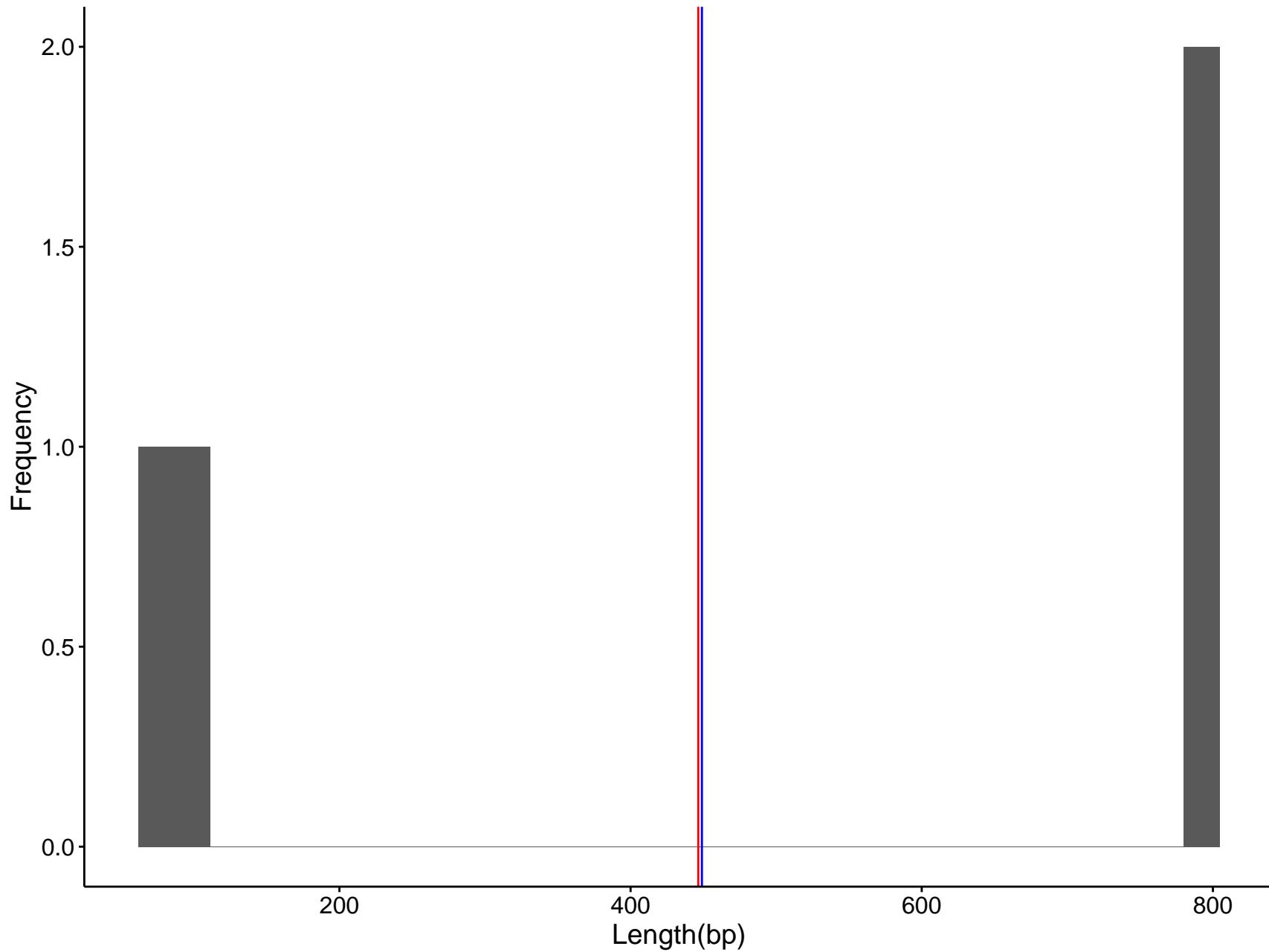
Cluster635



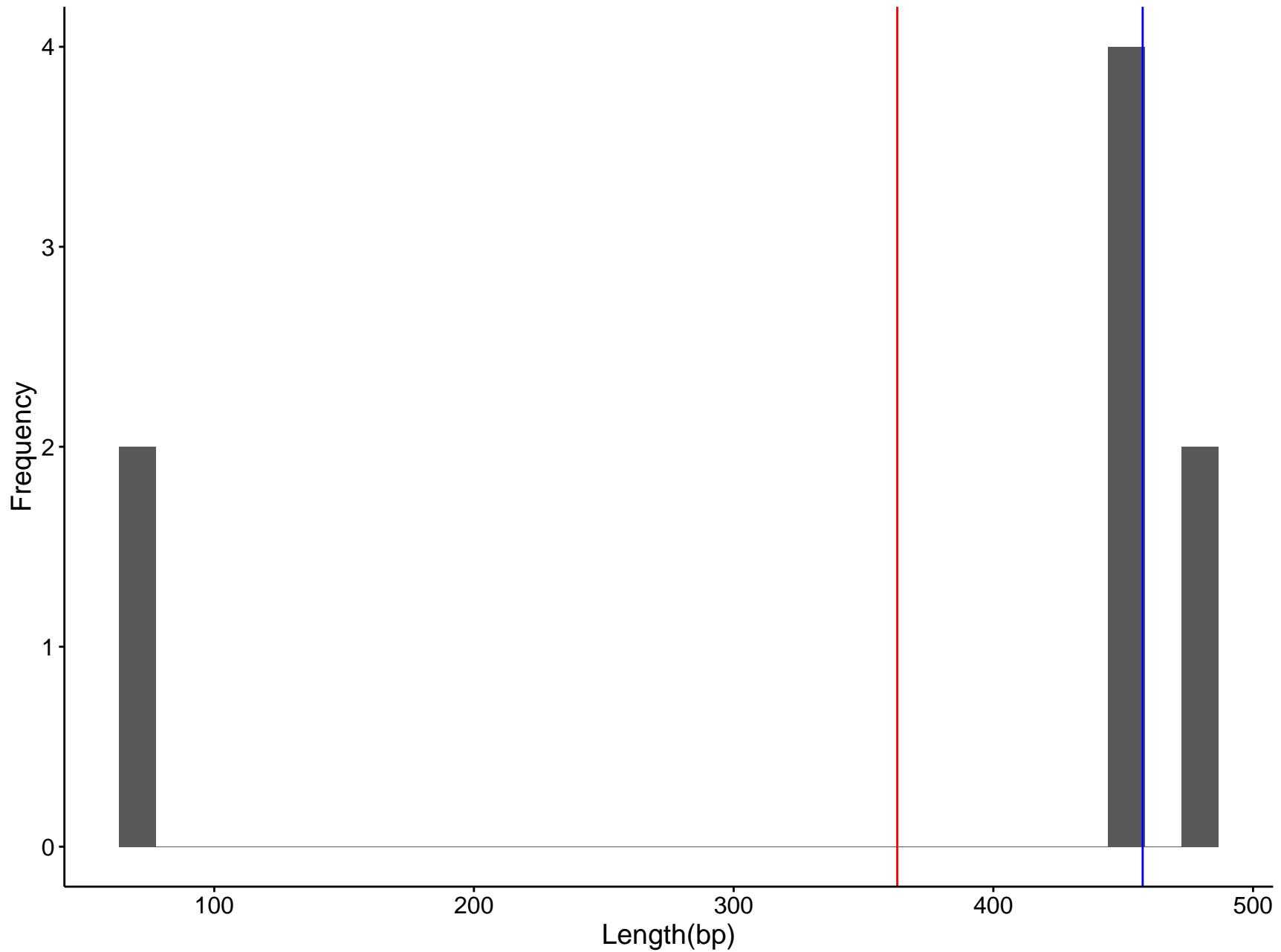
Cluster637



Cluster63



Cluster640



Cluster641

Frequency

1218.950

1218.975

1219.000
Length(bp)

1219.025

1219.



Cluster643

Frequency

396.950

396.975

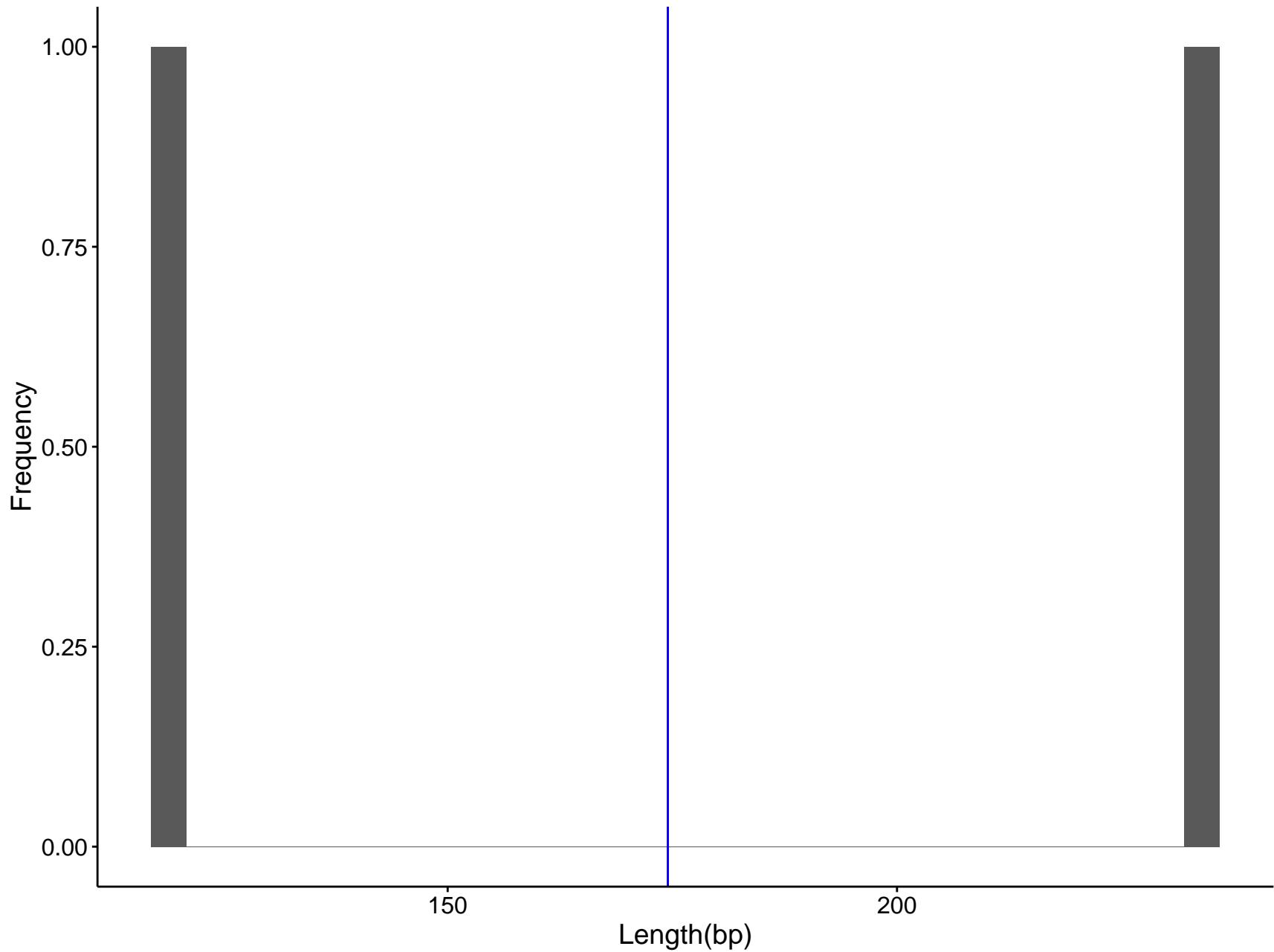
397.000

397.025

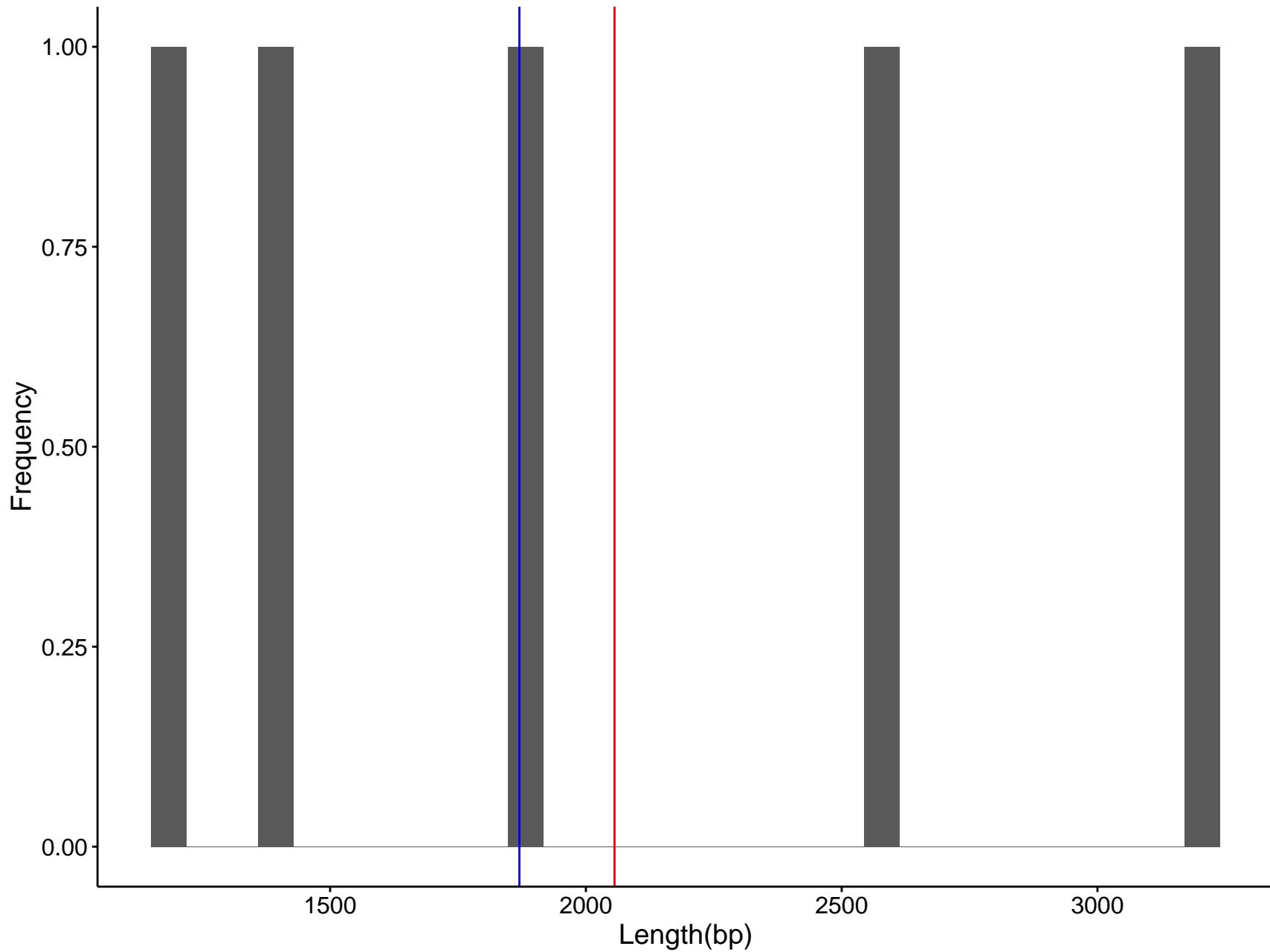
Length(bp)



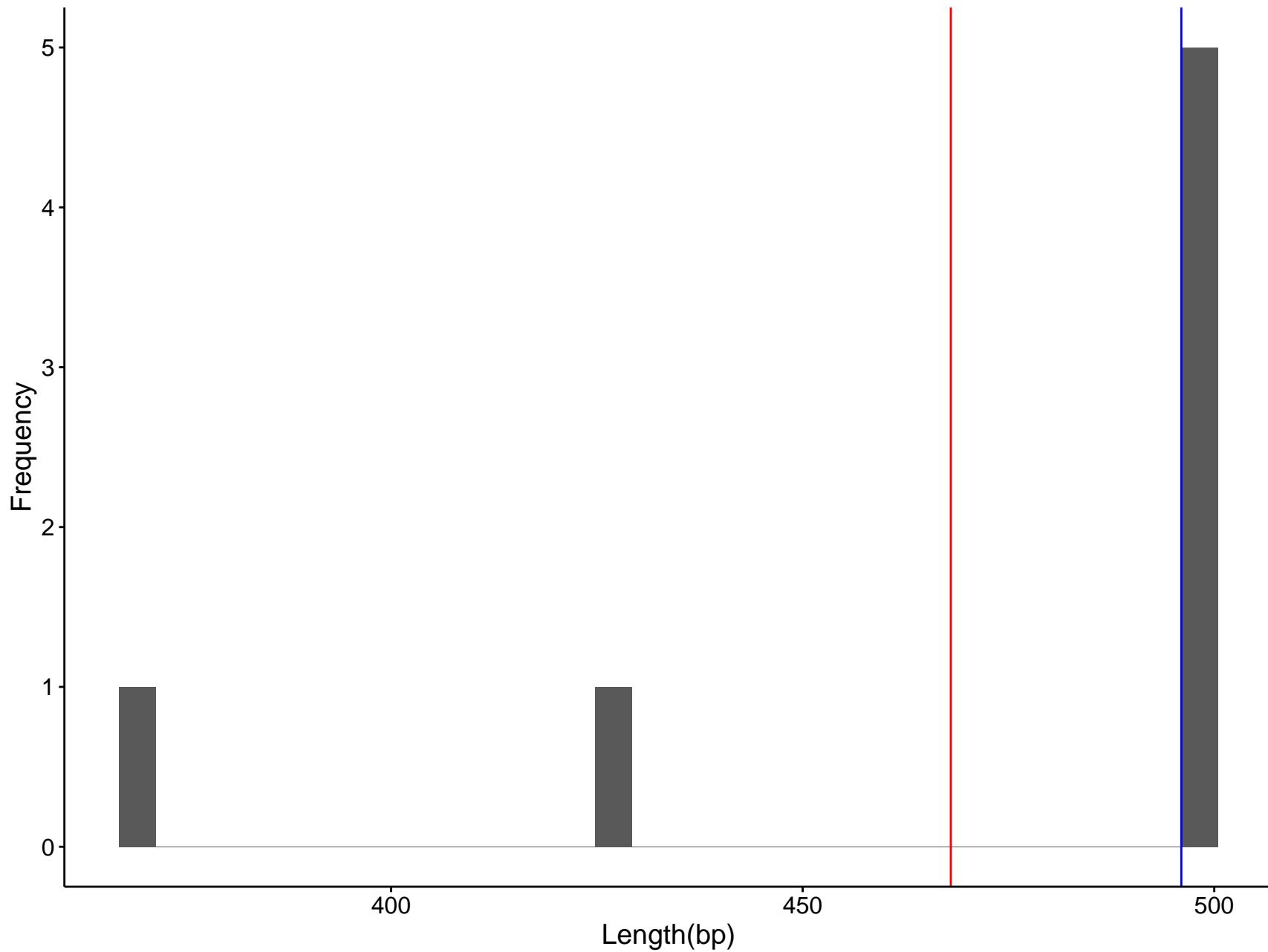
Cluster644



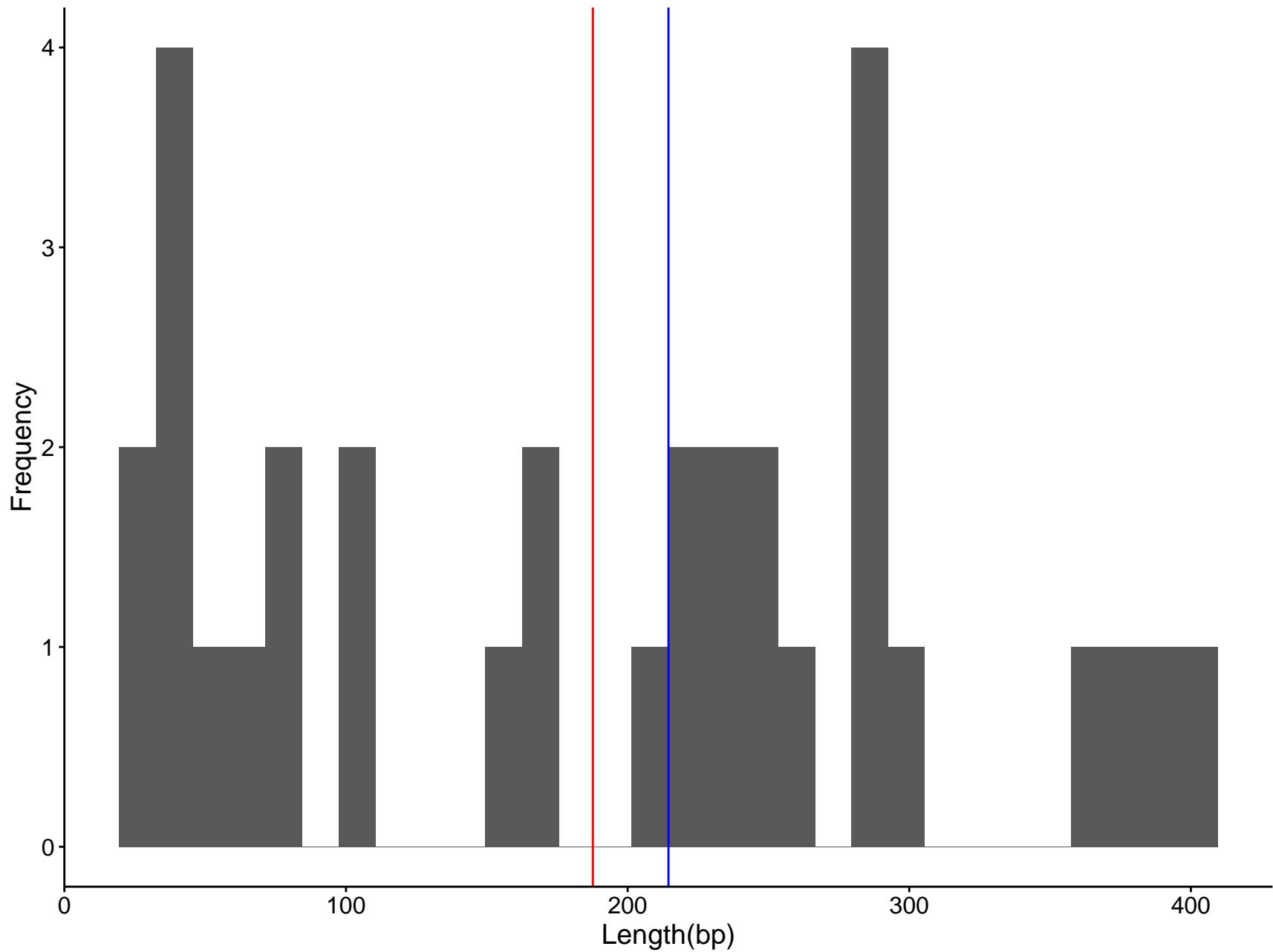
Cluster647



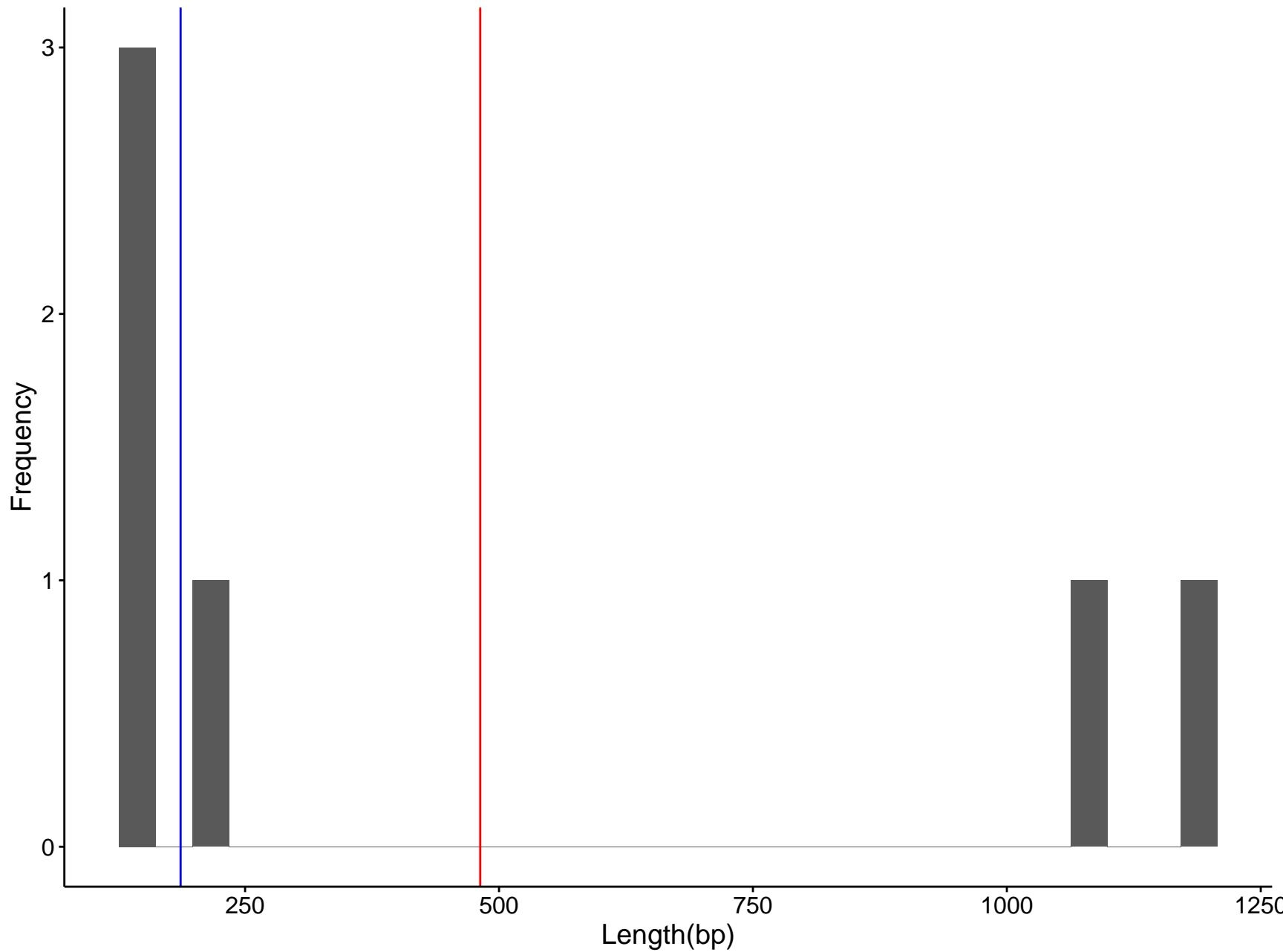
Cluster649



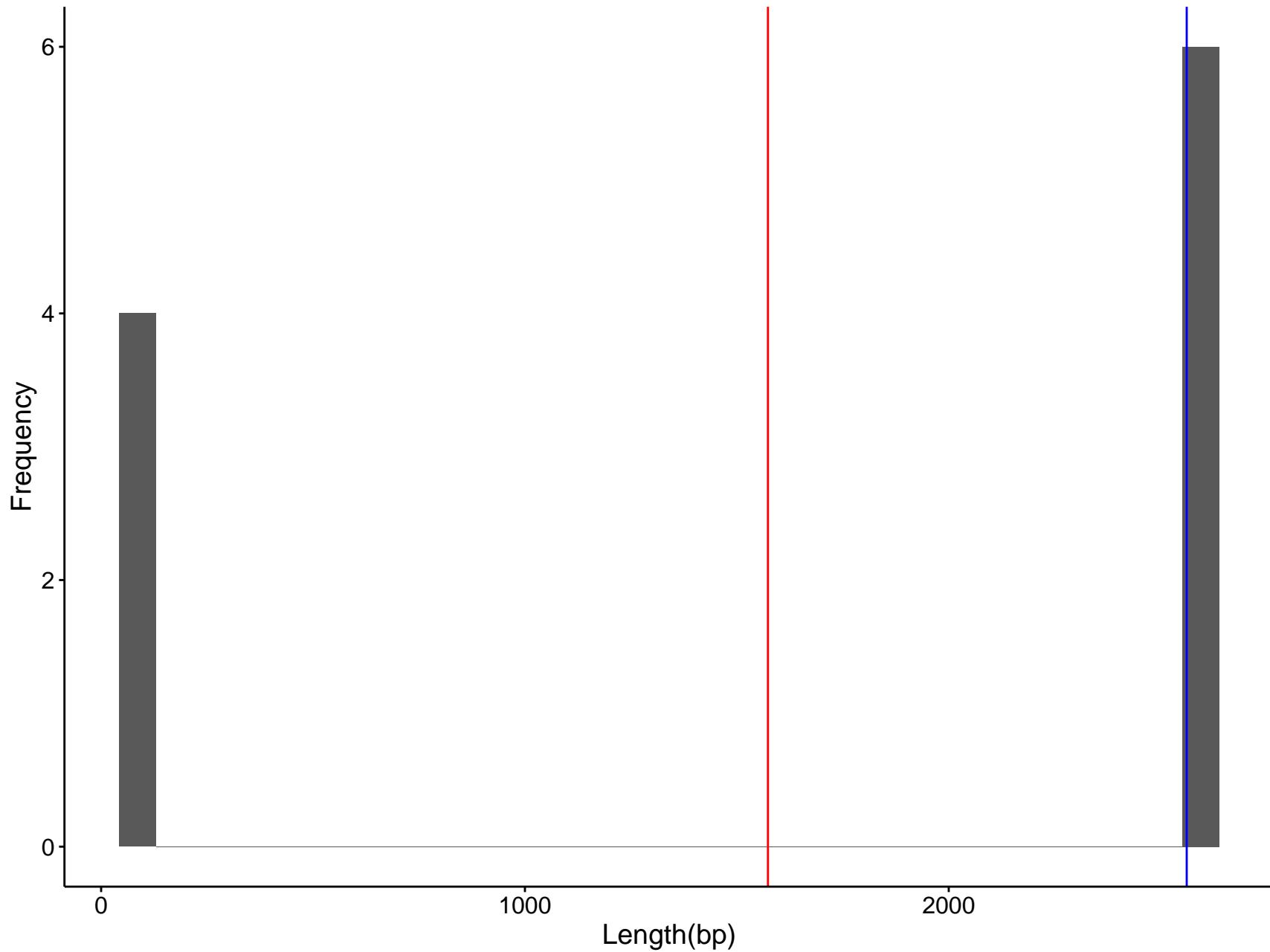
Cluster64



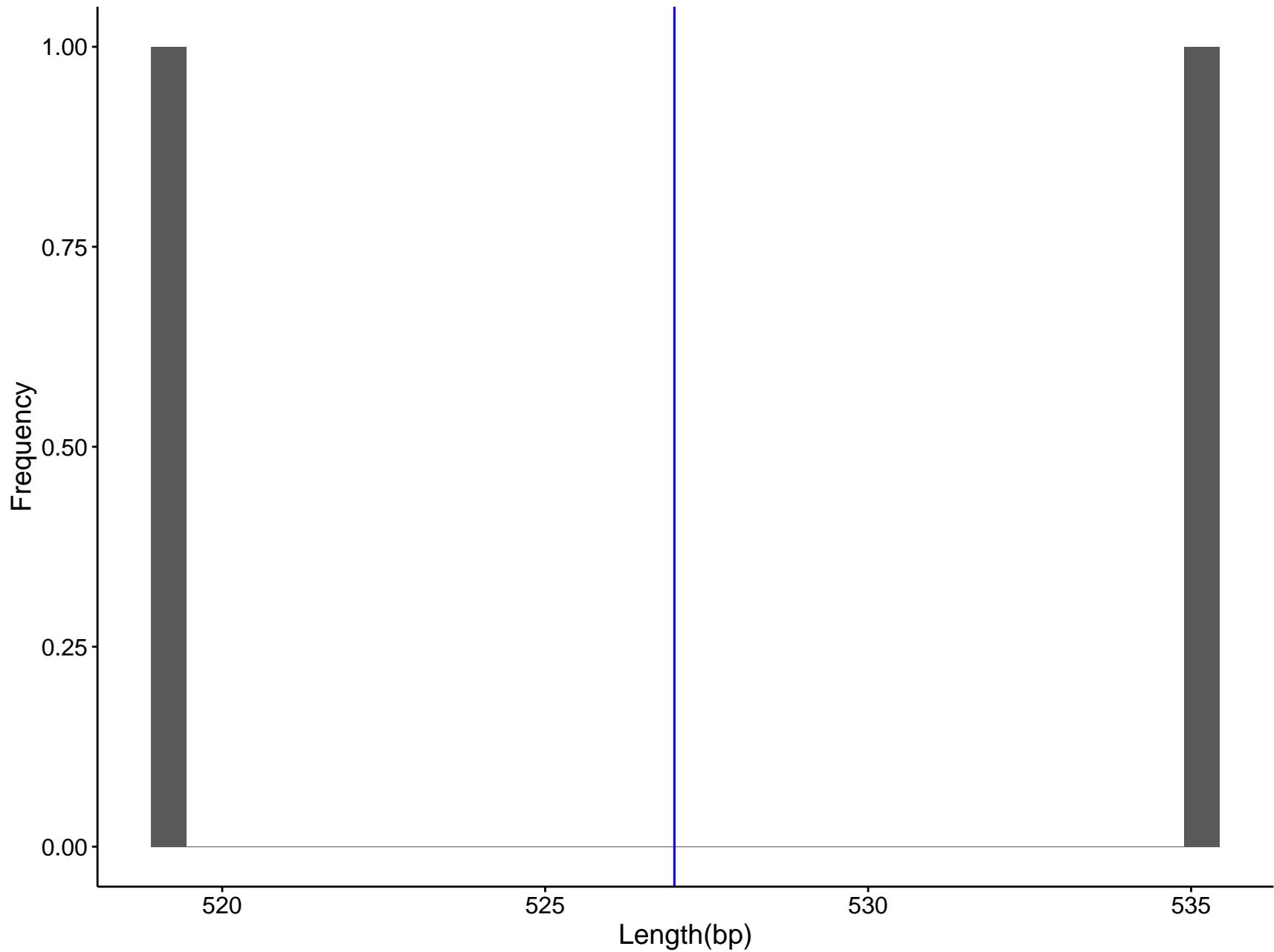
Cluster655



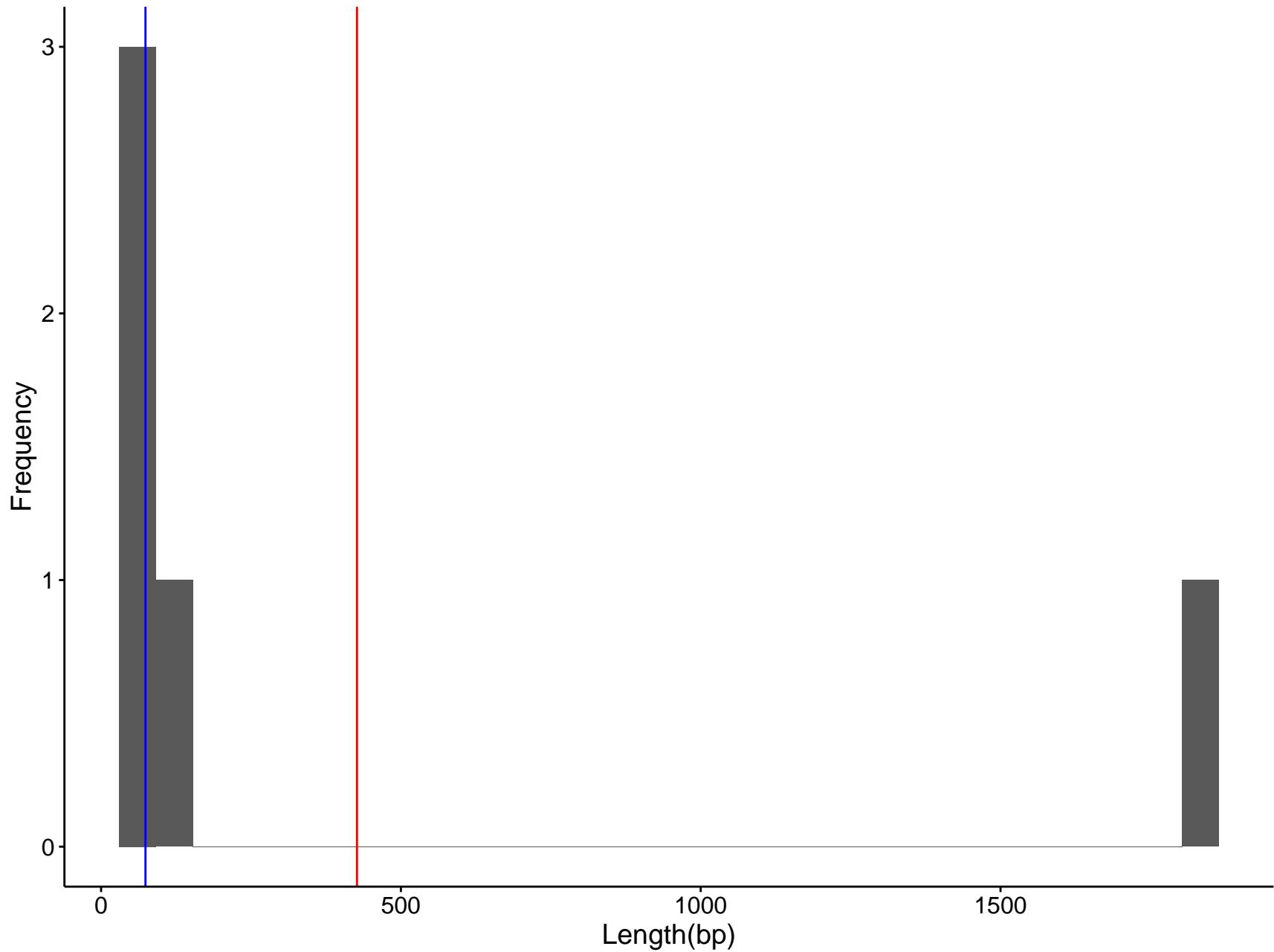
Cluster656



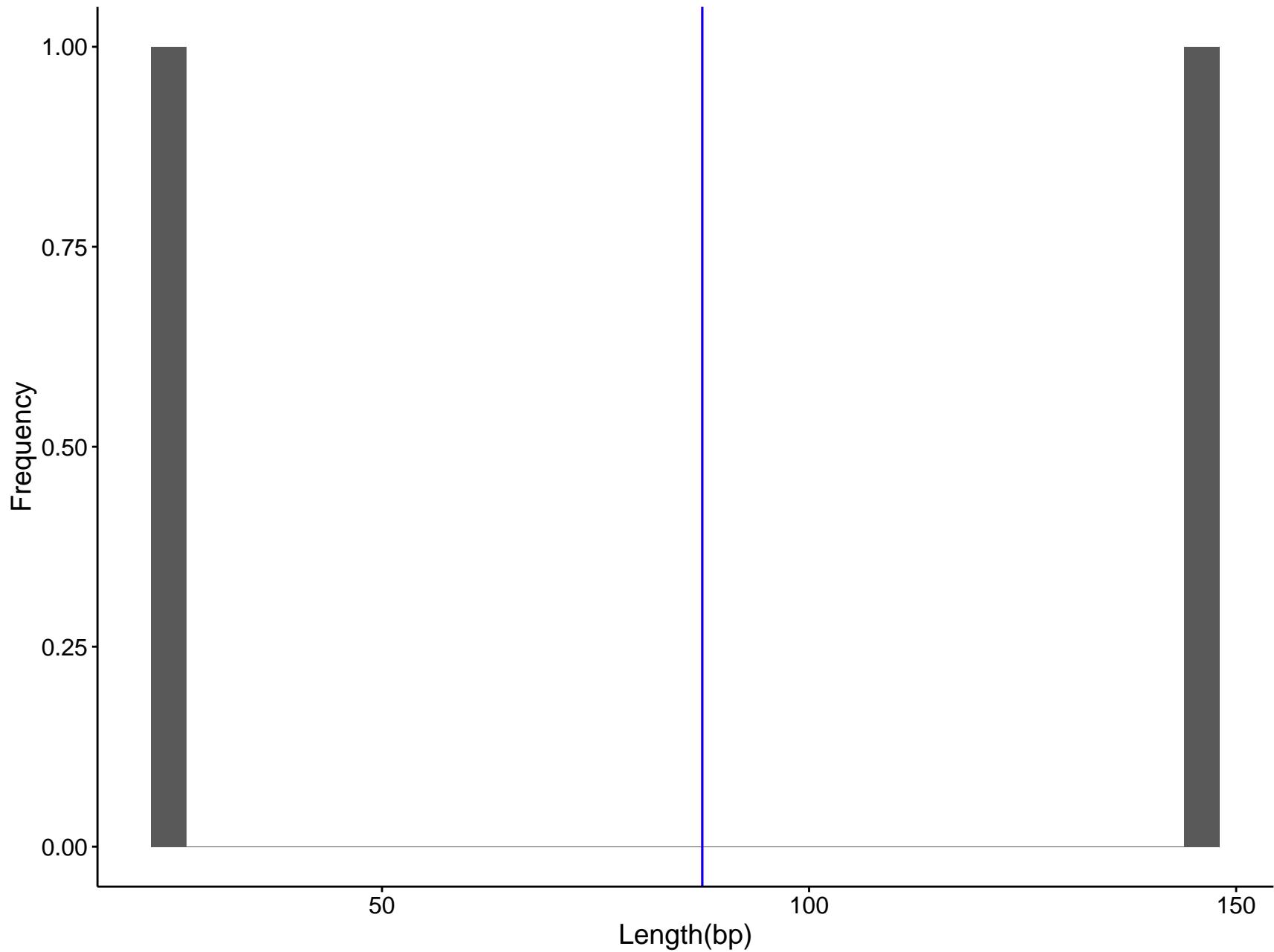
Cluster657



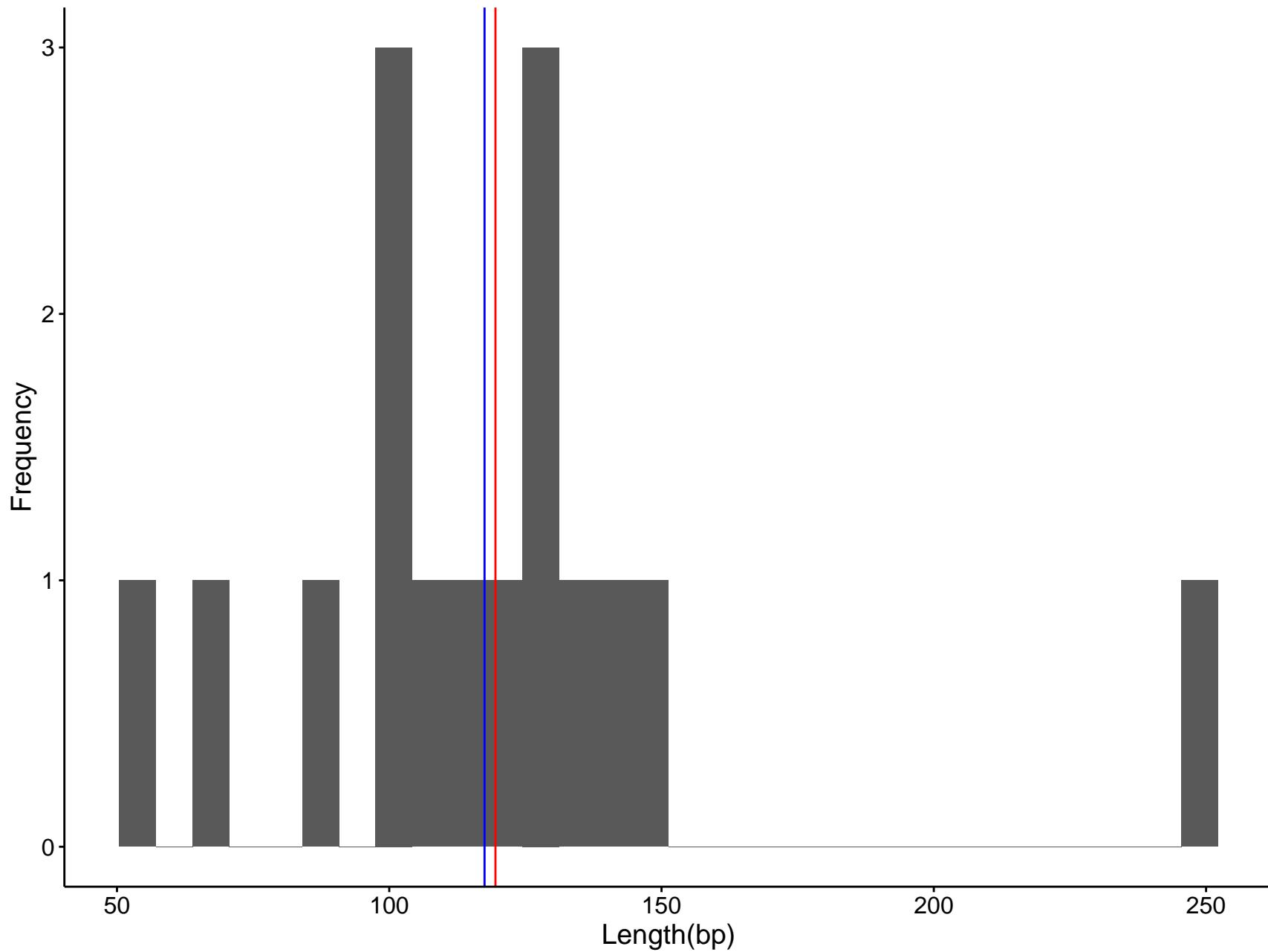
Cluster658



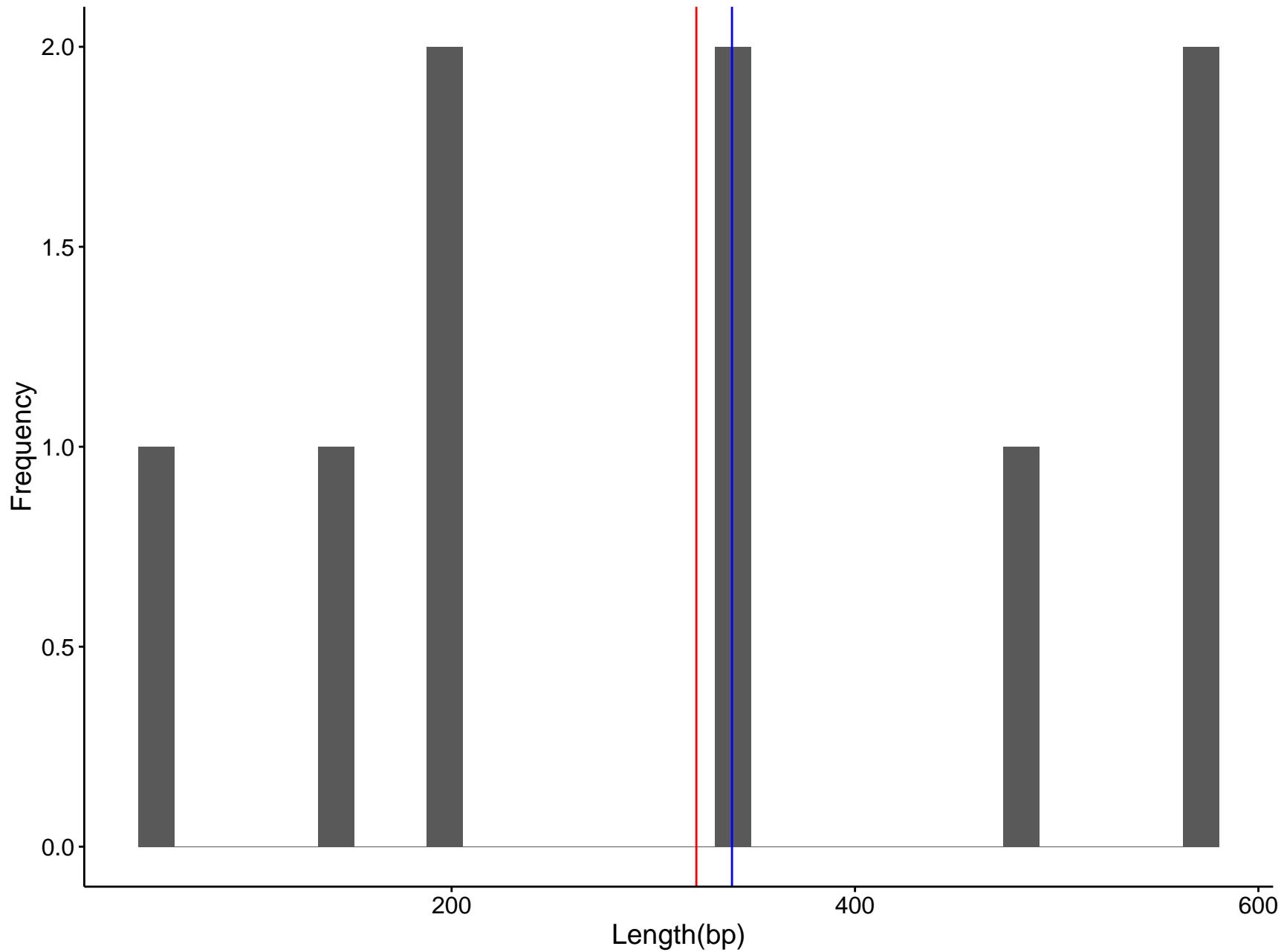
Cluster659



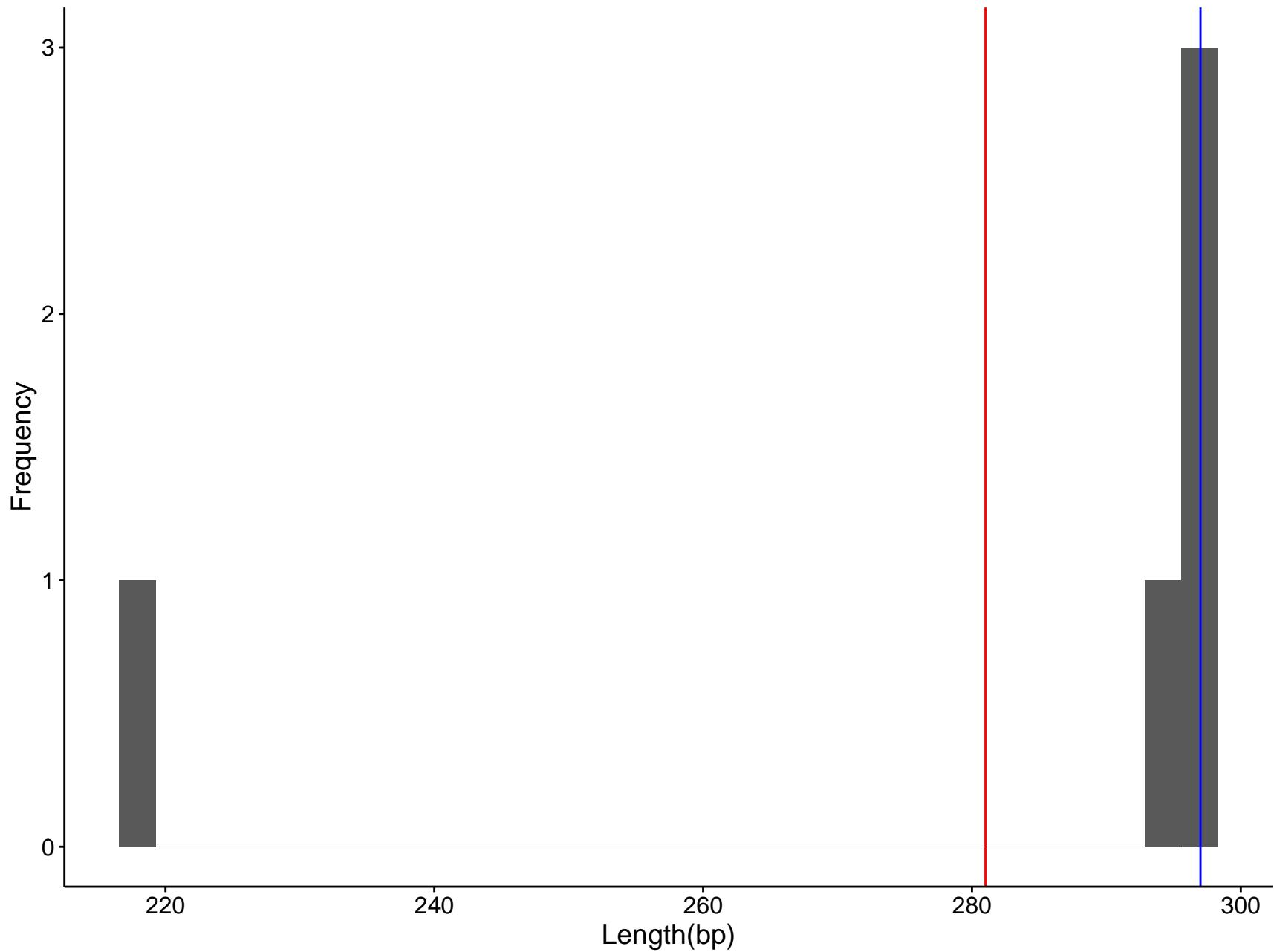
Cluster65



Cluster660



Cluster661



Cluster662

Frequency

1787.950

1787.975

1788.000
Length(bp)

1788.025

1788.



Cluster663

Frequency

1078.950

1078.975

1079.000
Length(bp)

1079.025

1079.



Cluster664

Frequency

699.950

699.975

700.000

700.025

Length(bp)



Cluster665

Frequency

489.950

489.975

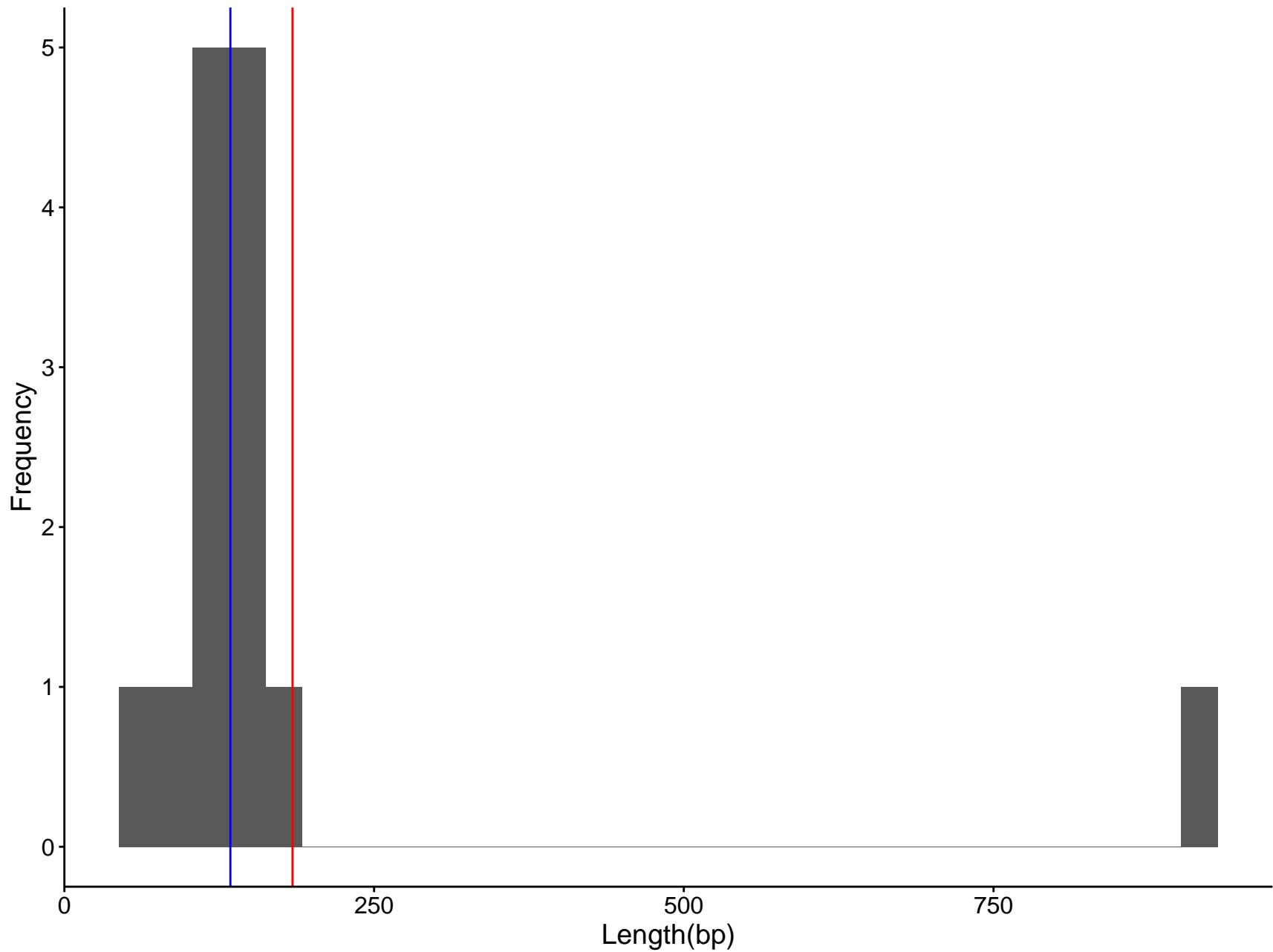
490.000

490.025

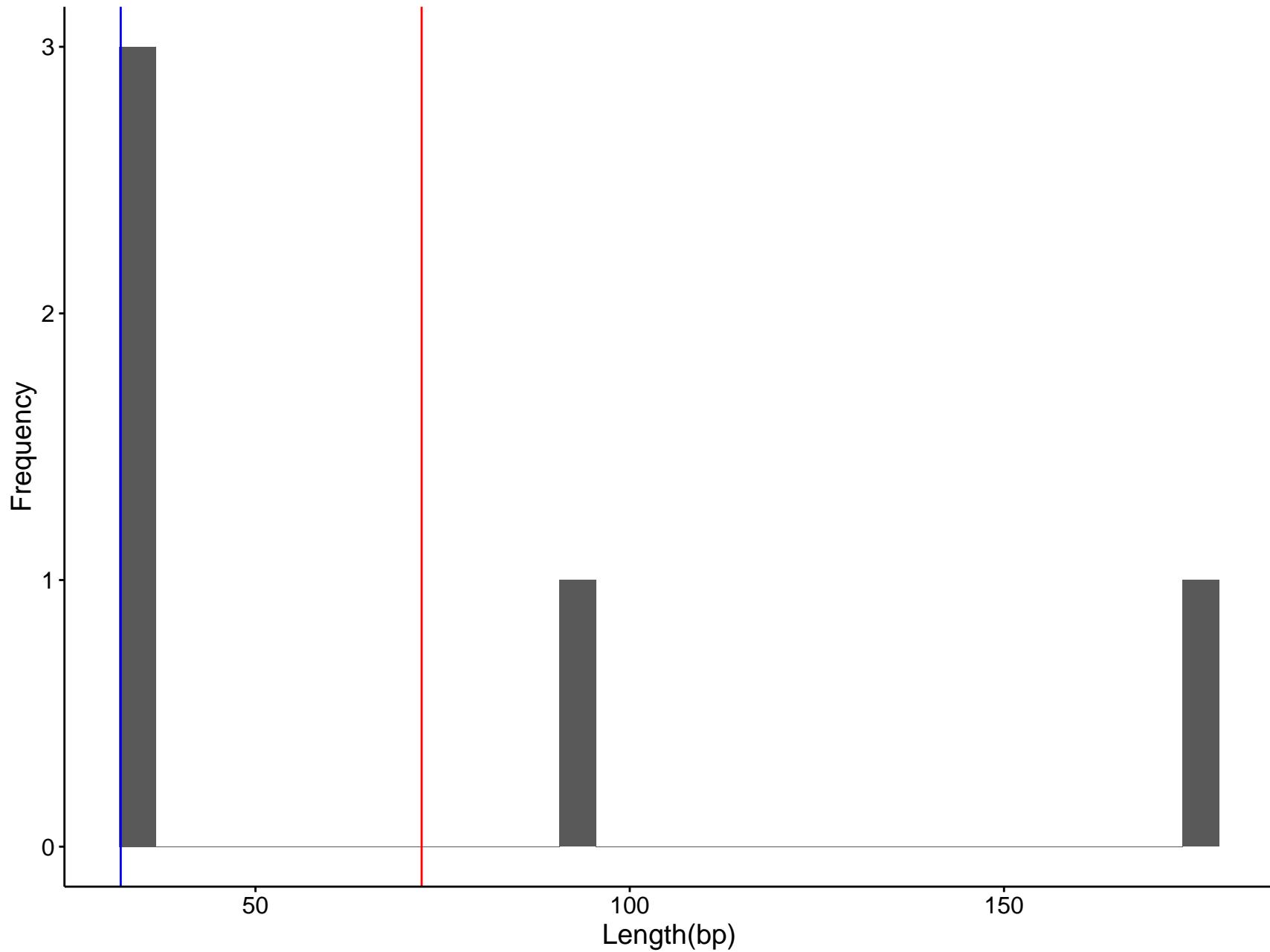
Length(bp)



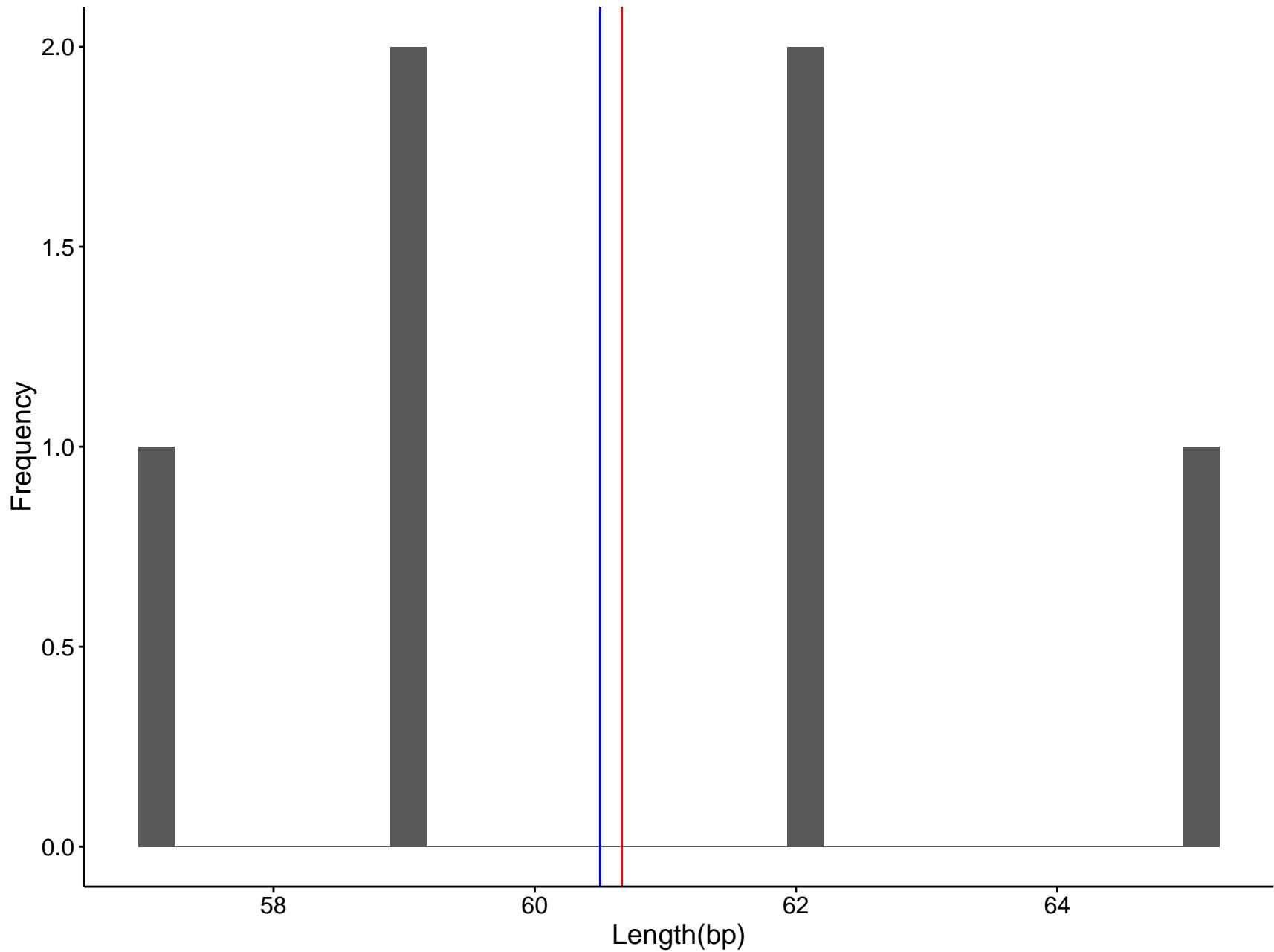
Cluster667



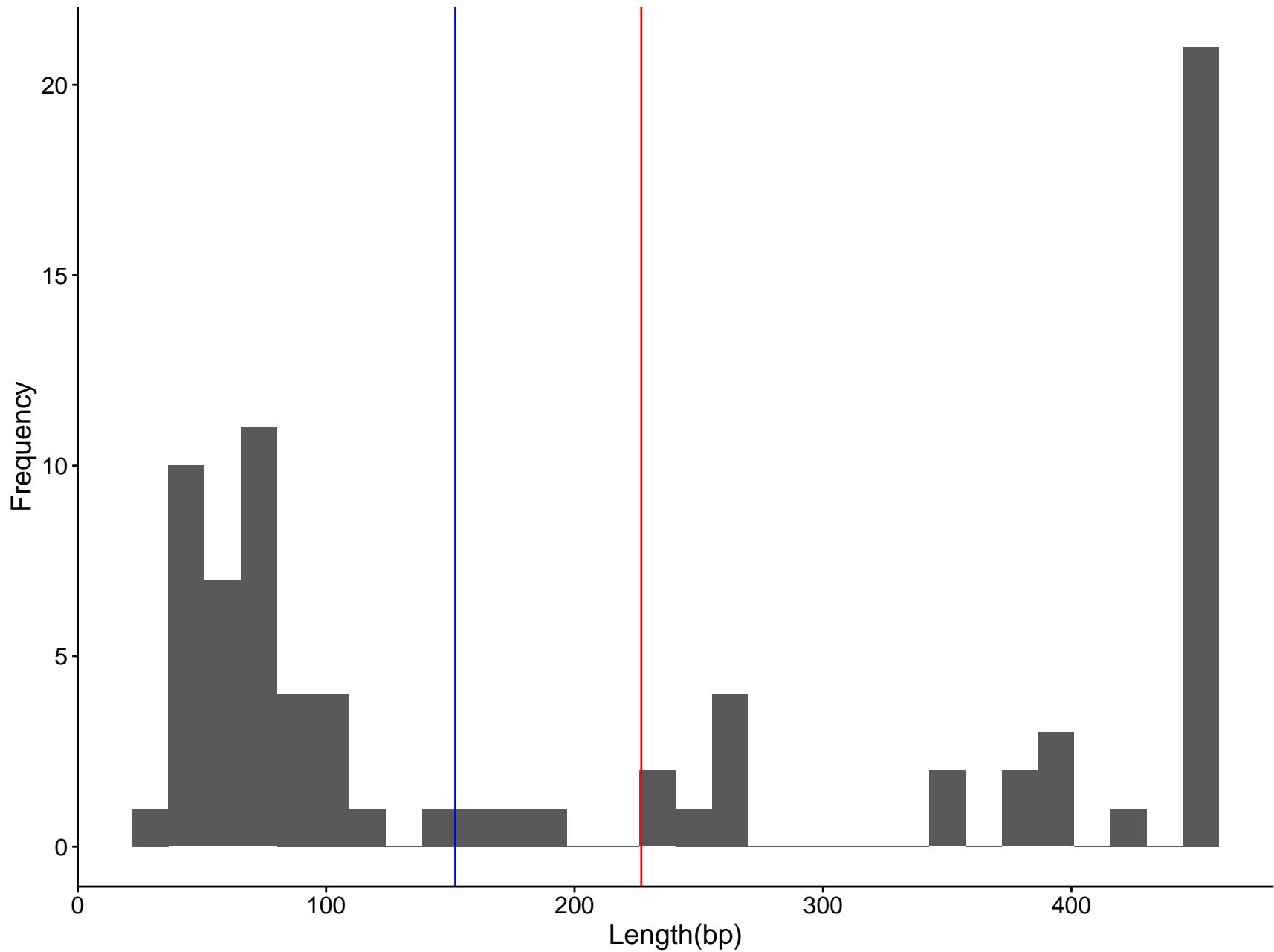
Cluster677



Cluster678



Cluster67



Cluster680

Frequency

404.950

404.975

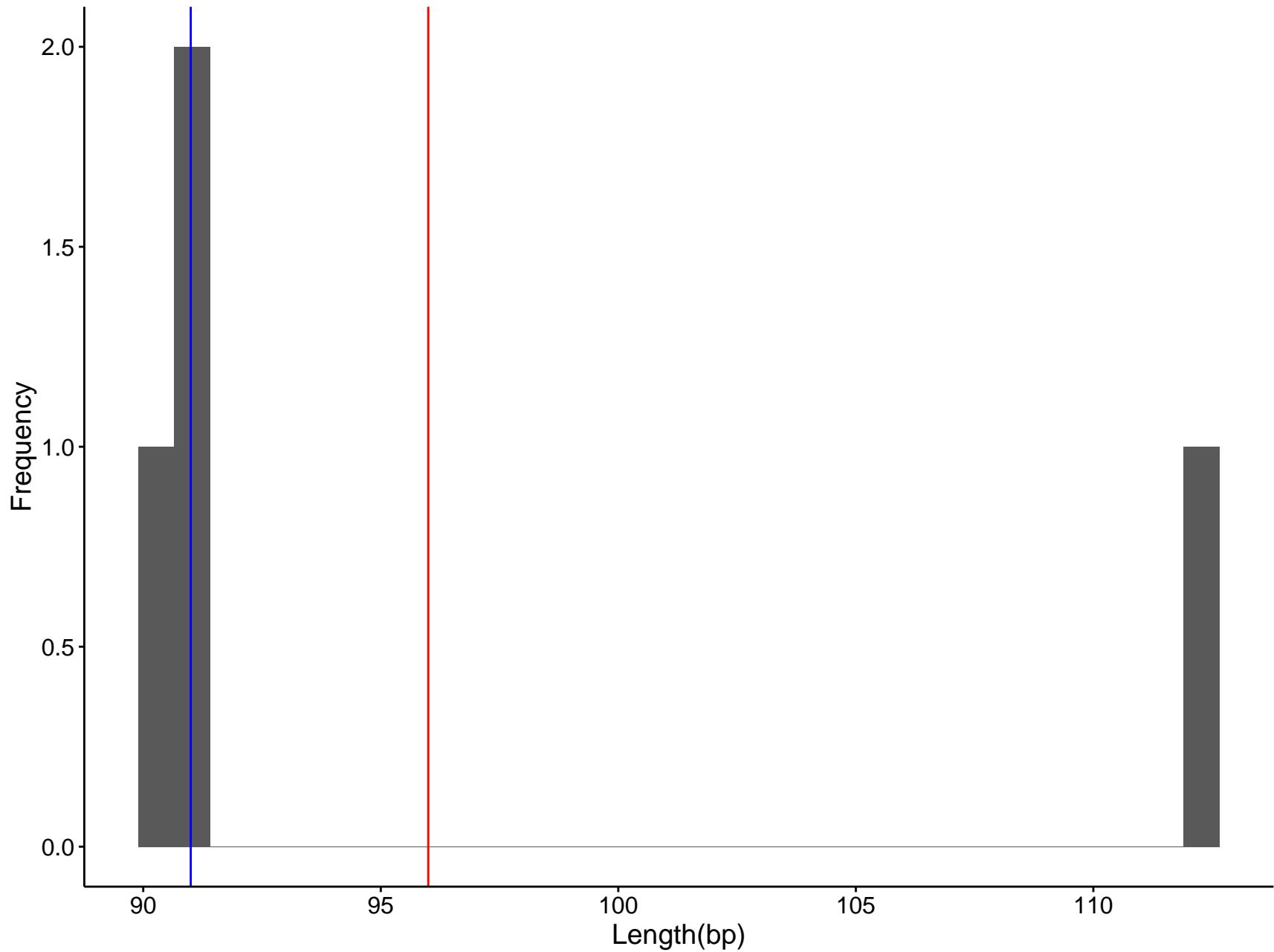
405.000

405.025

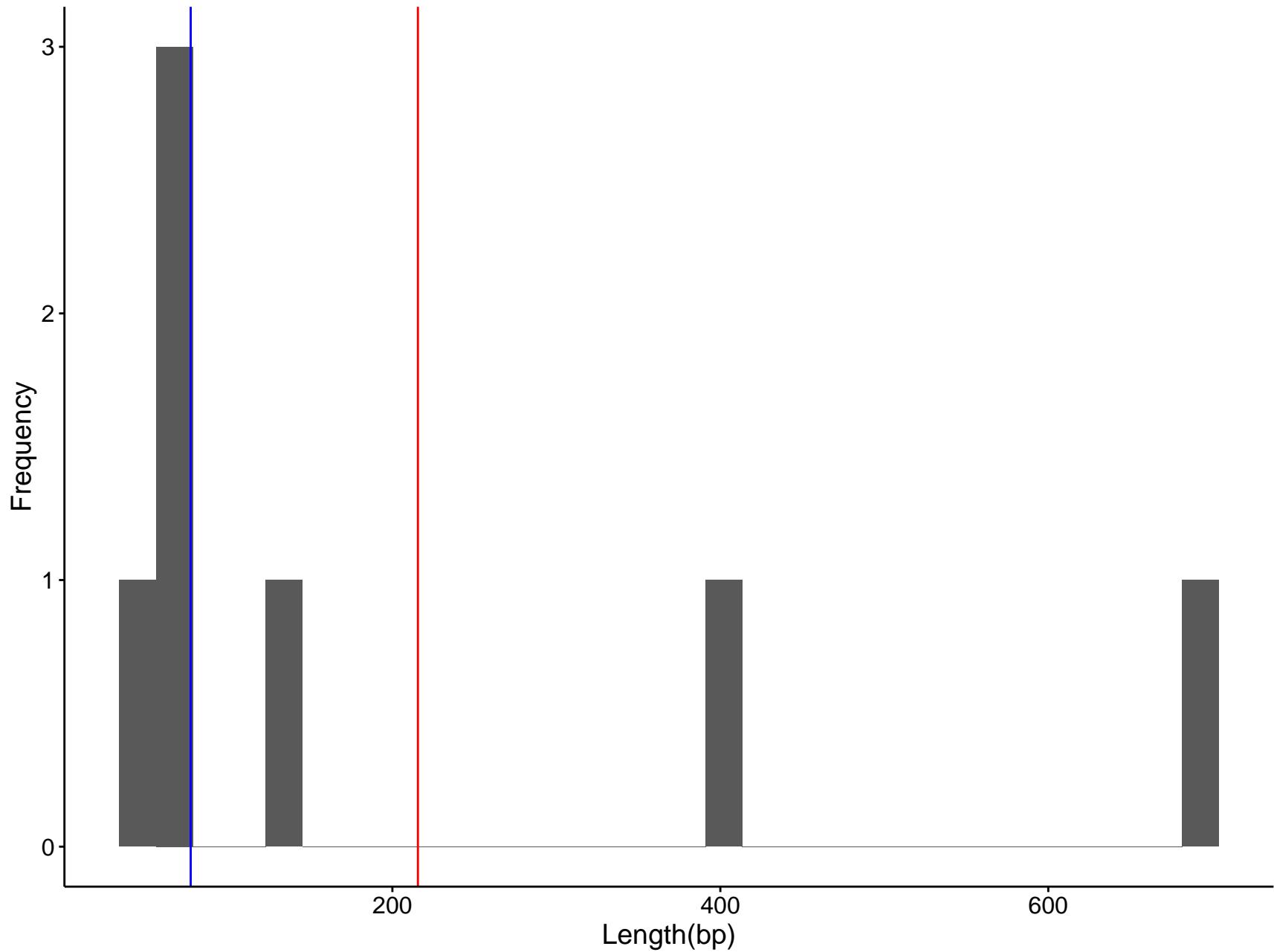
Length(bp)



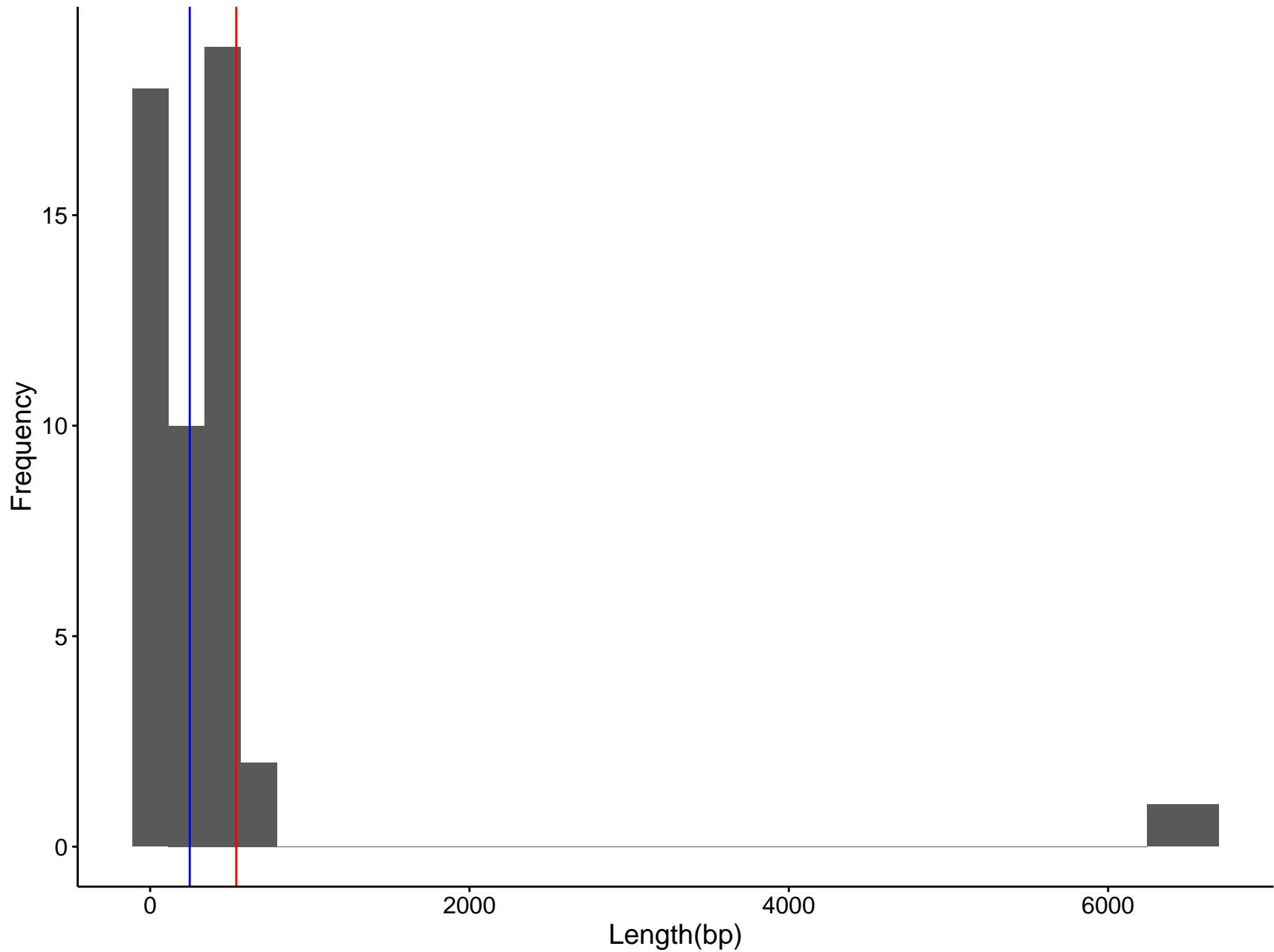
Cluster681

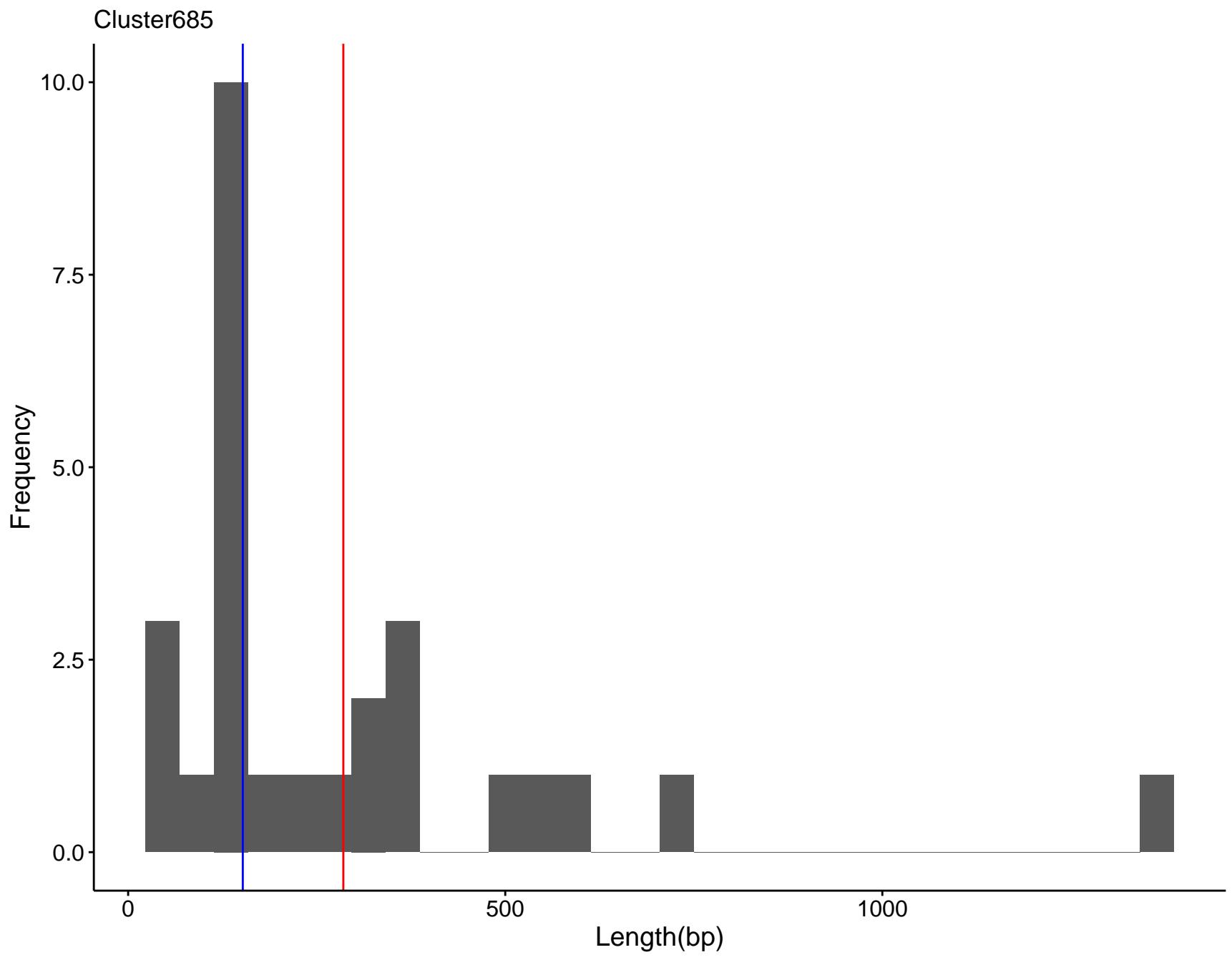


Cluster682

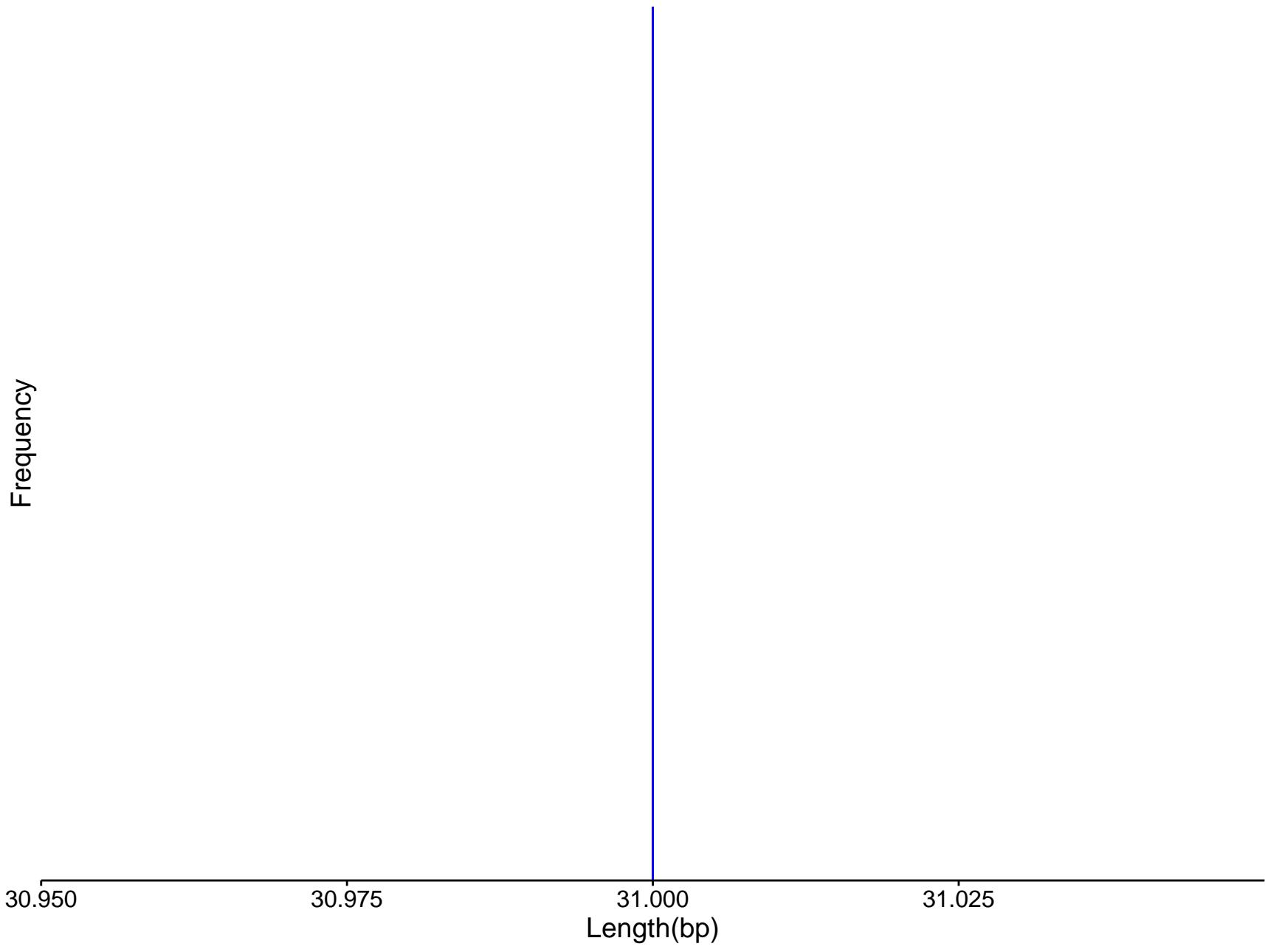


Cluster684

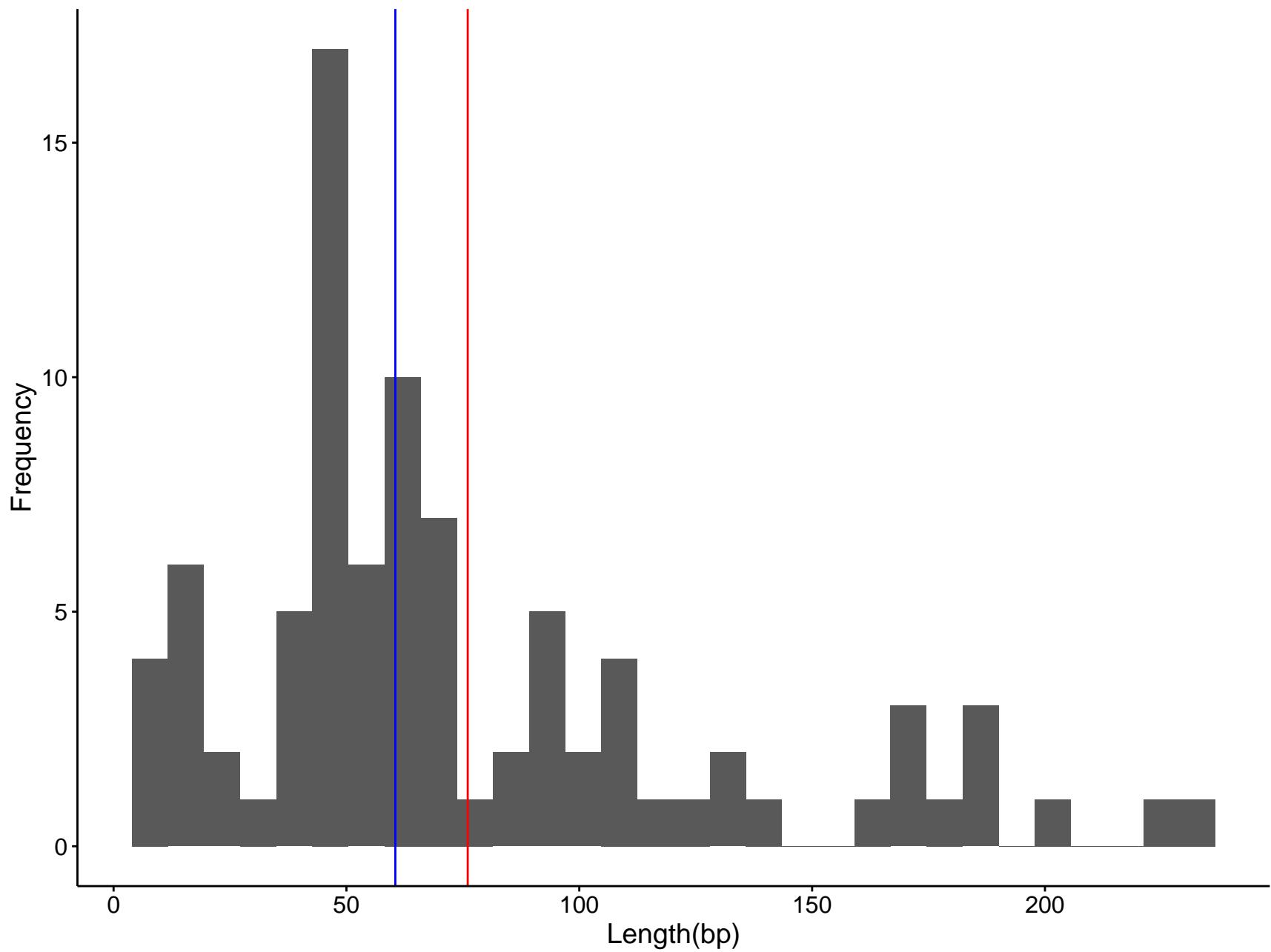




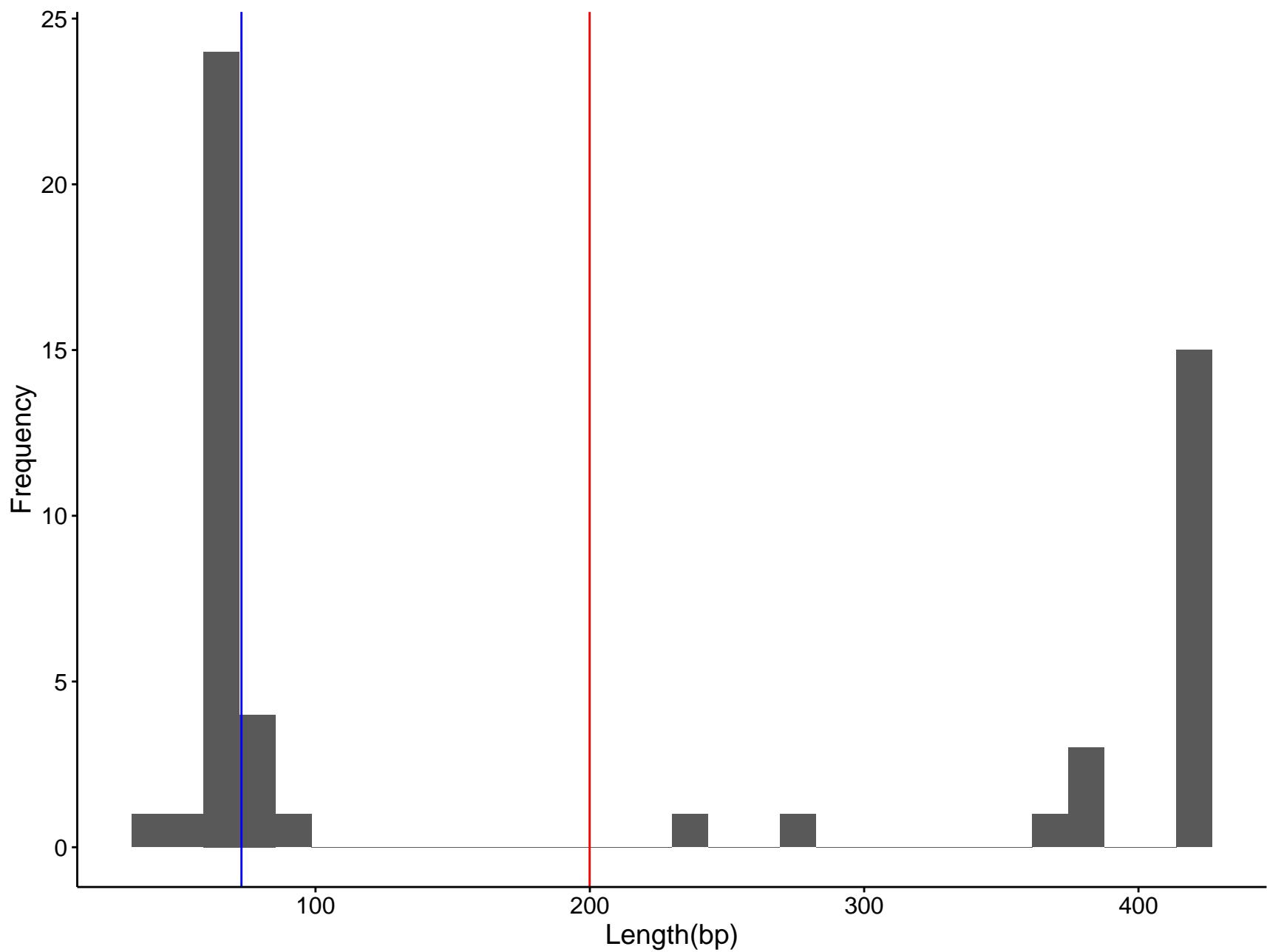
Cluster687



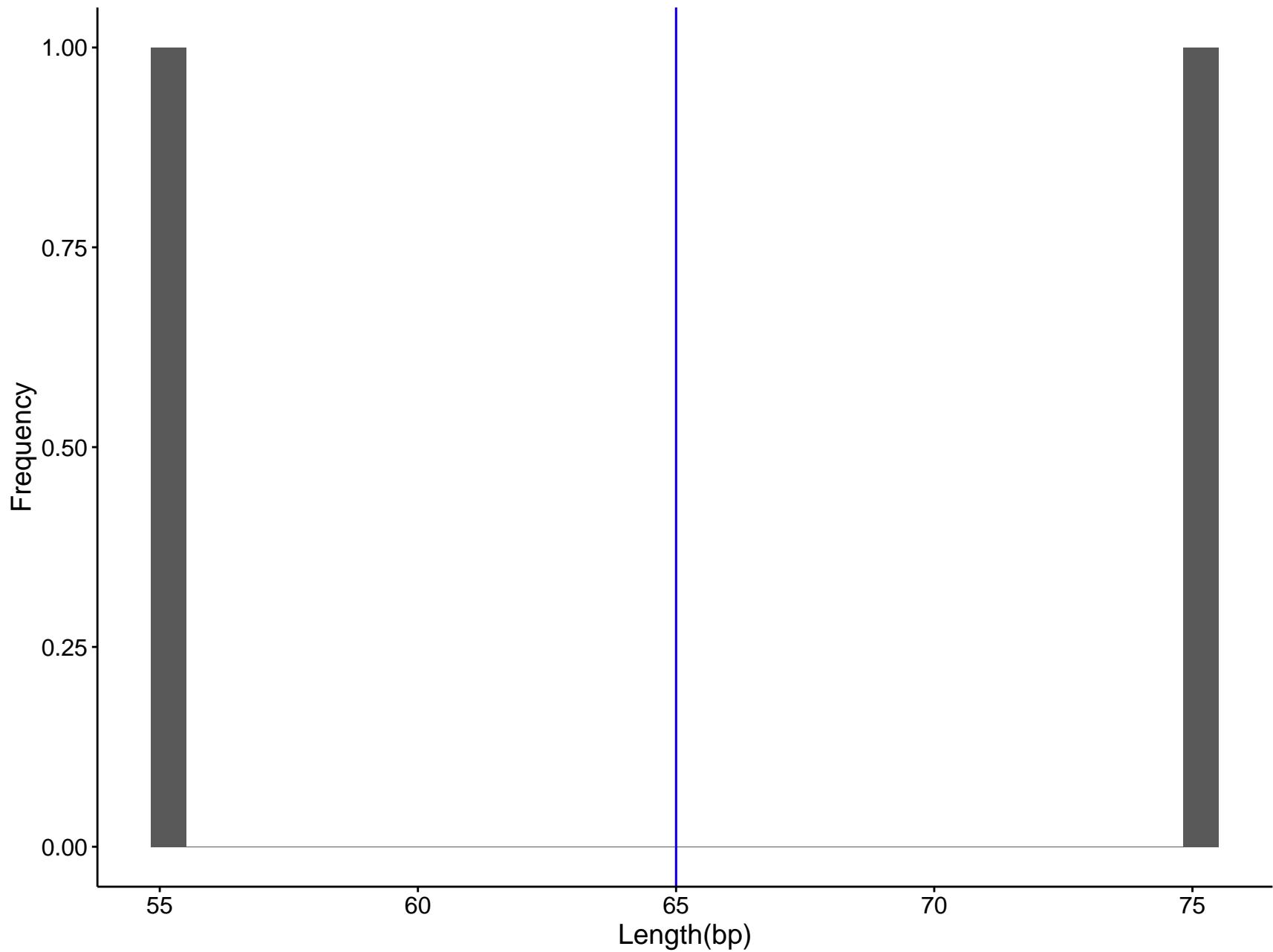
Cluster689



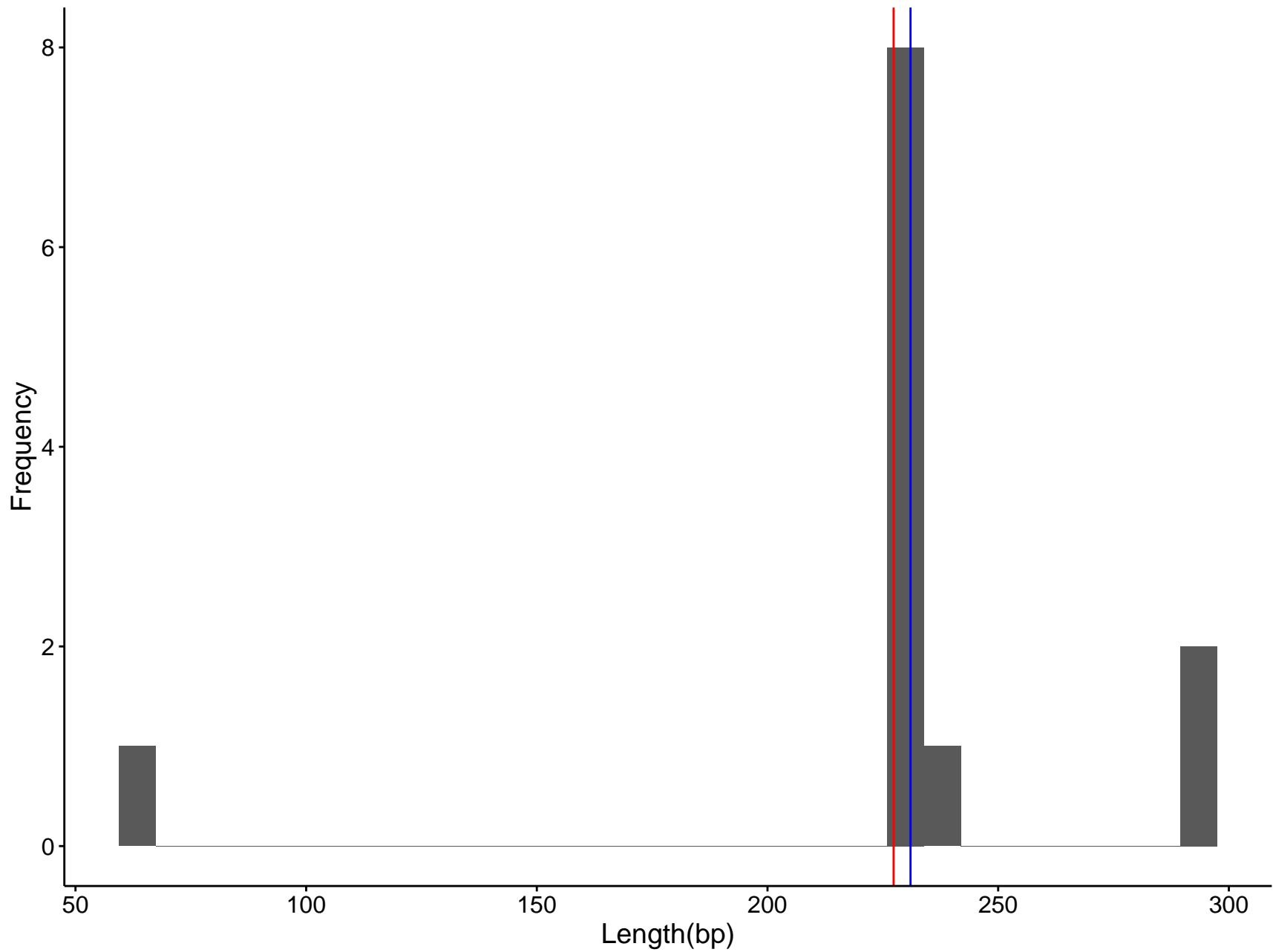
Cluster68



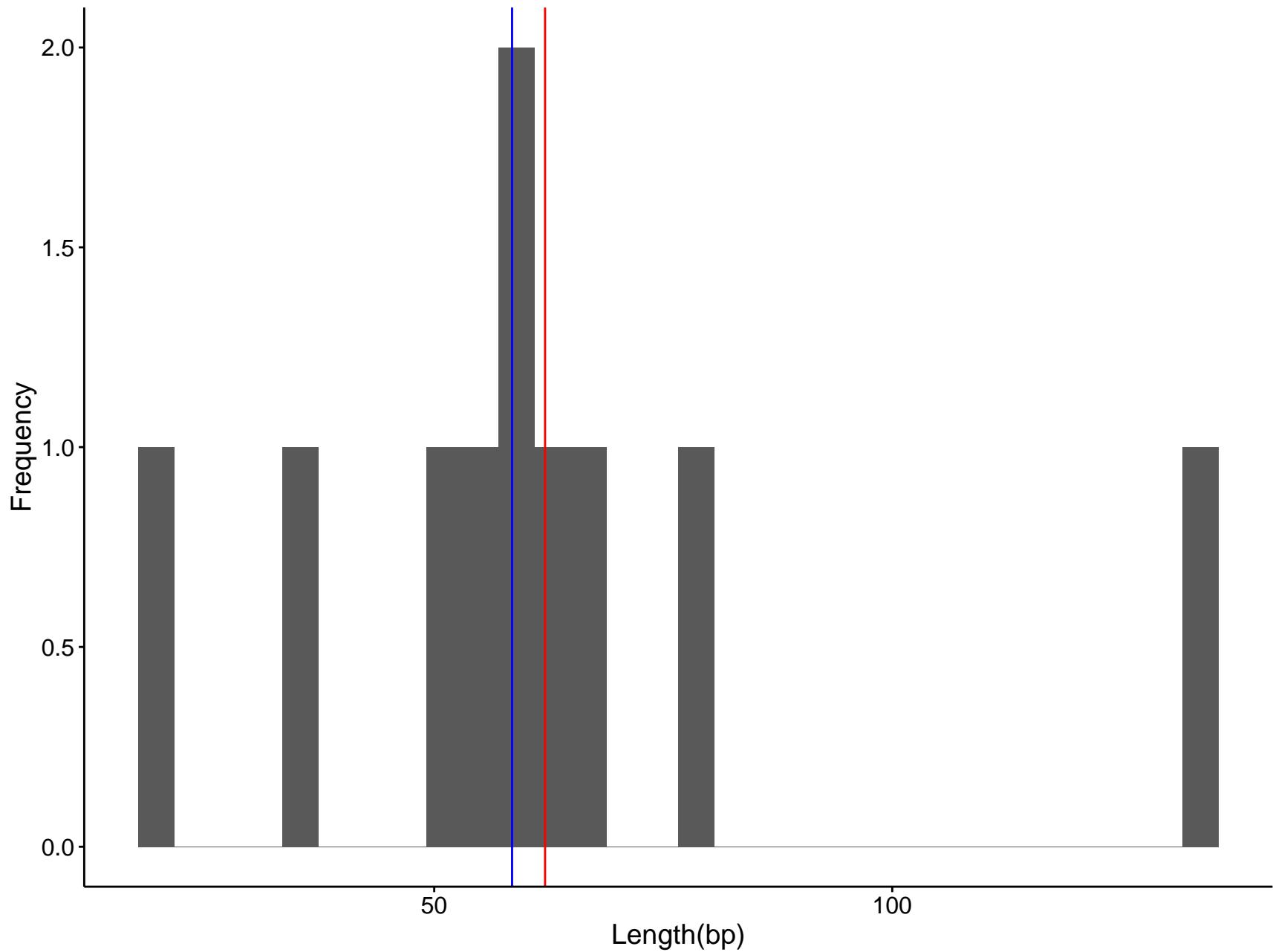
Cluster691



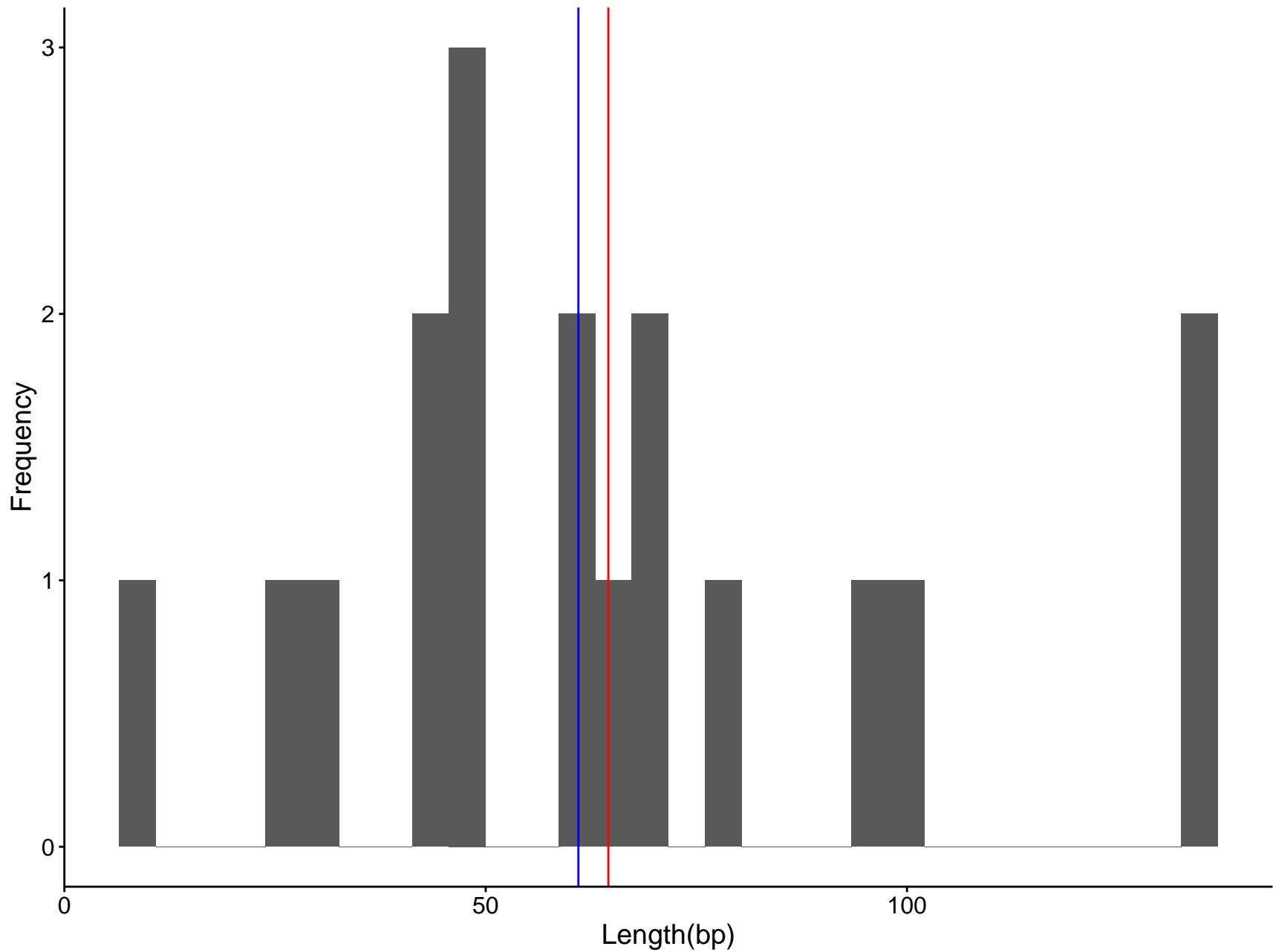
Cluster692



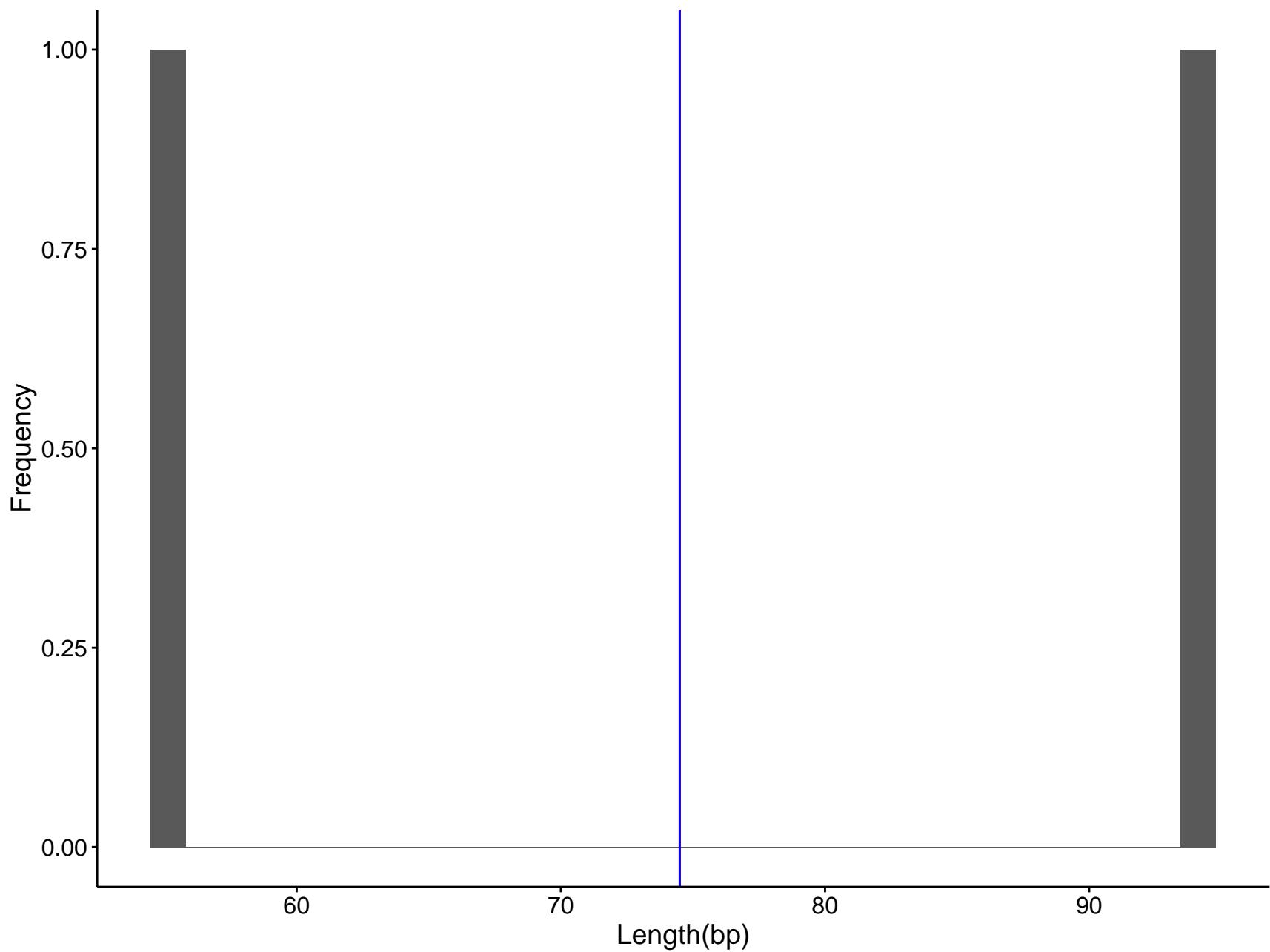
Cluster693



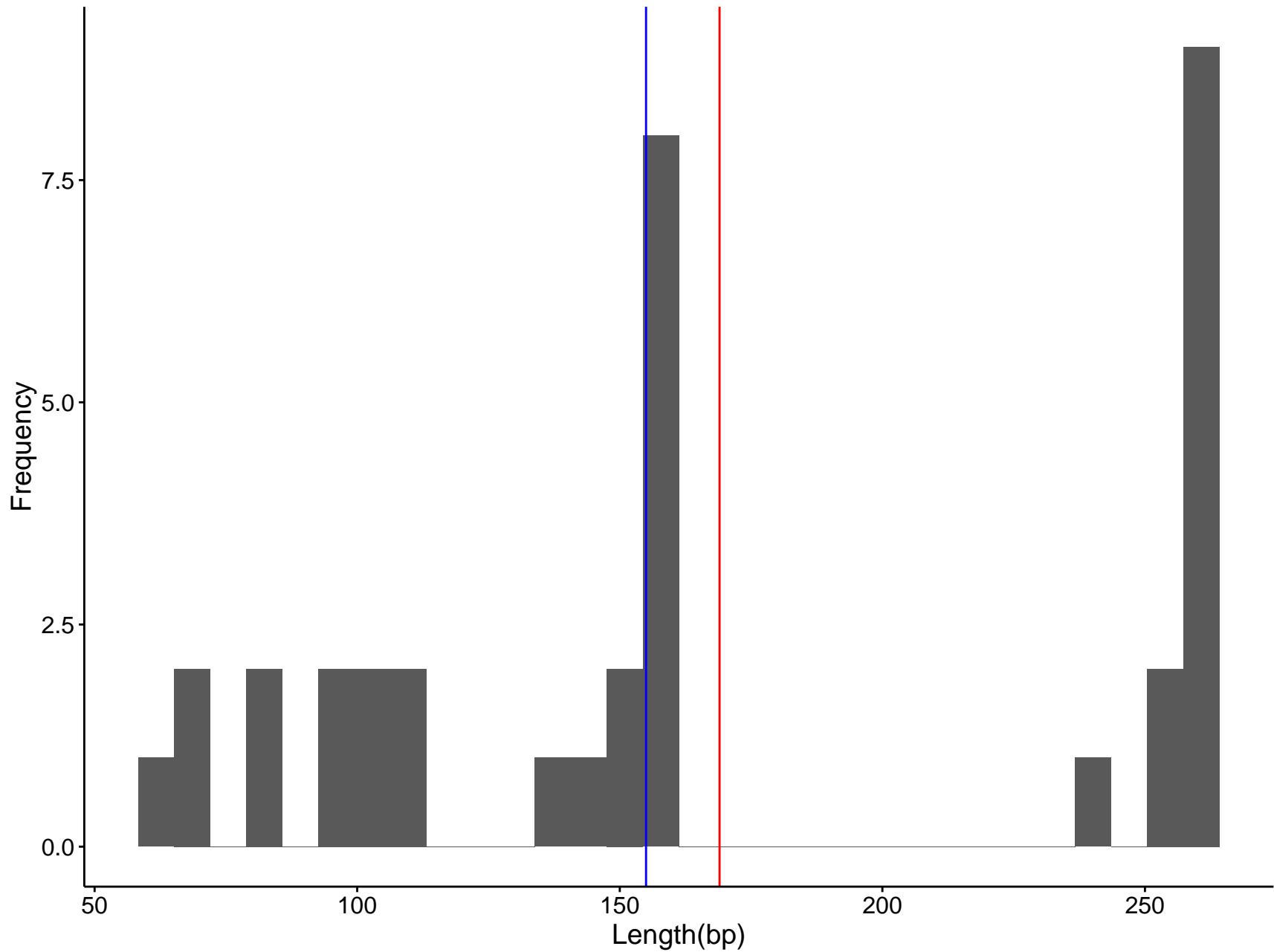
Cluster695

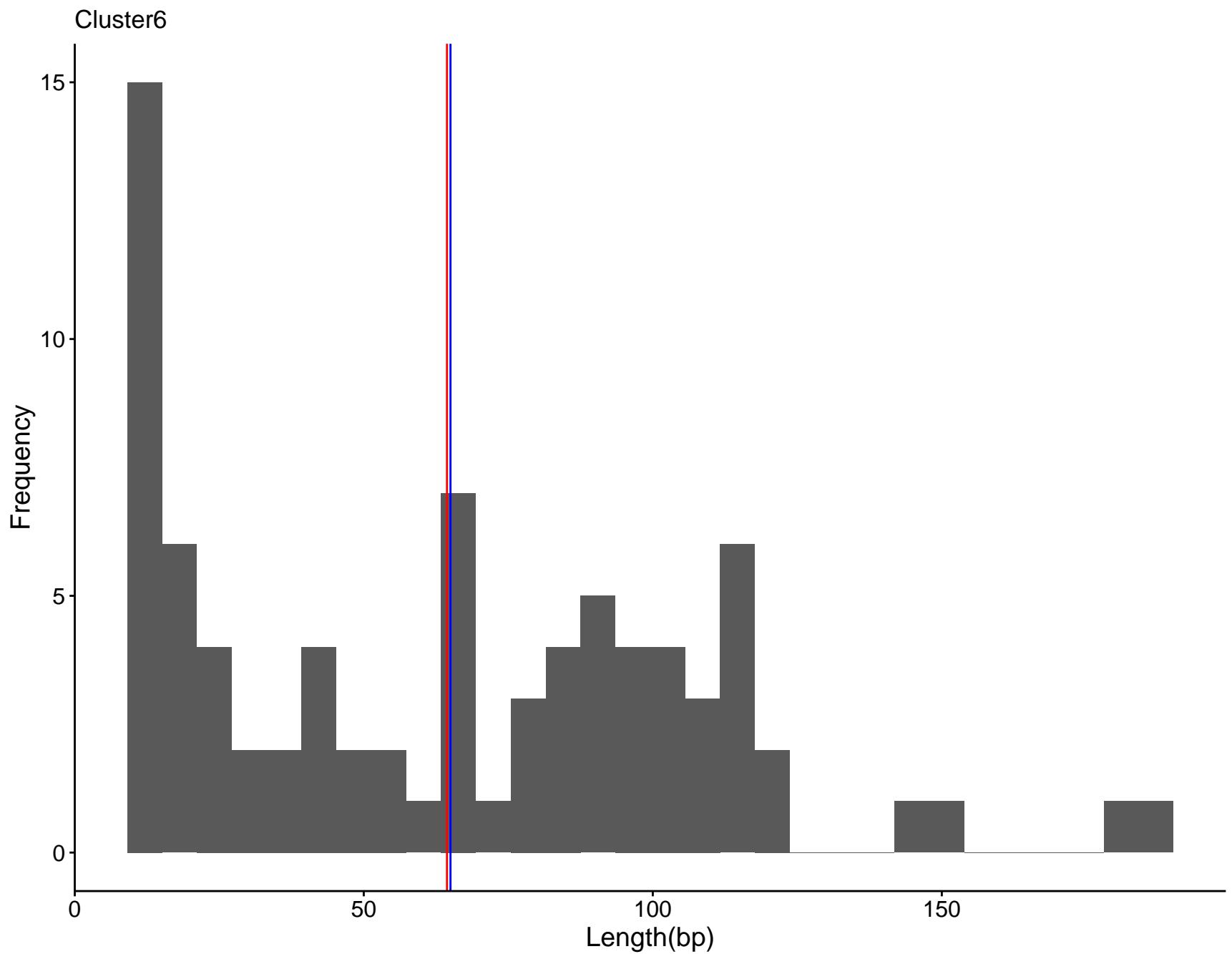


Cluster699

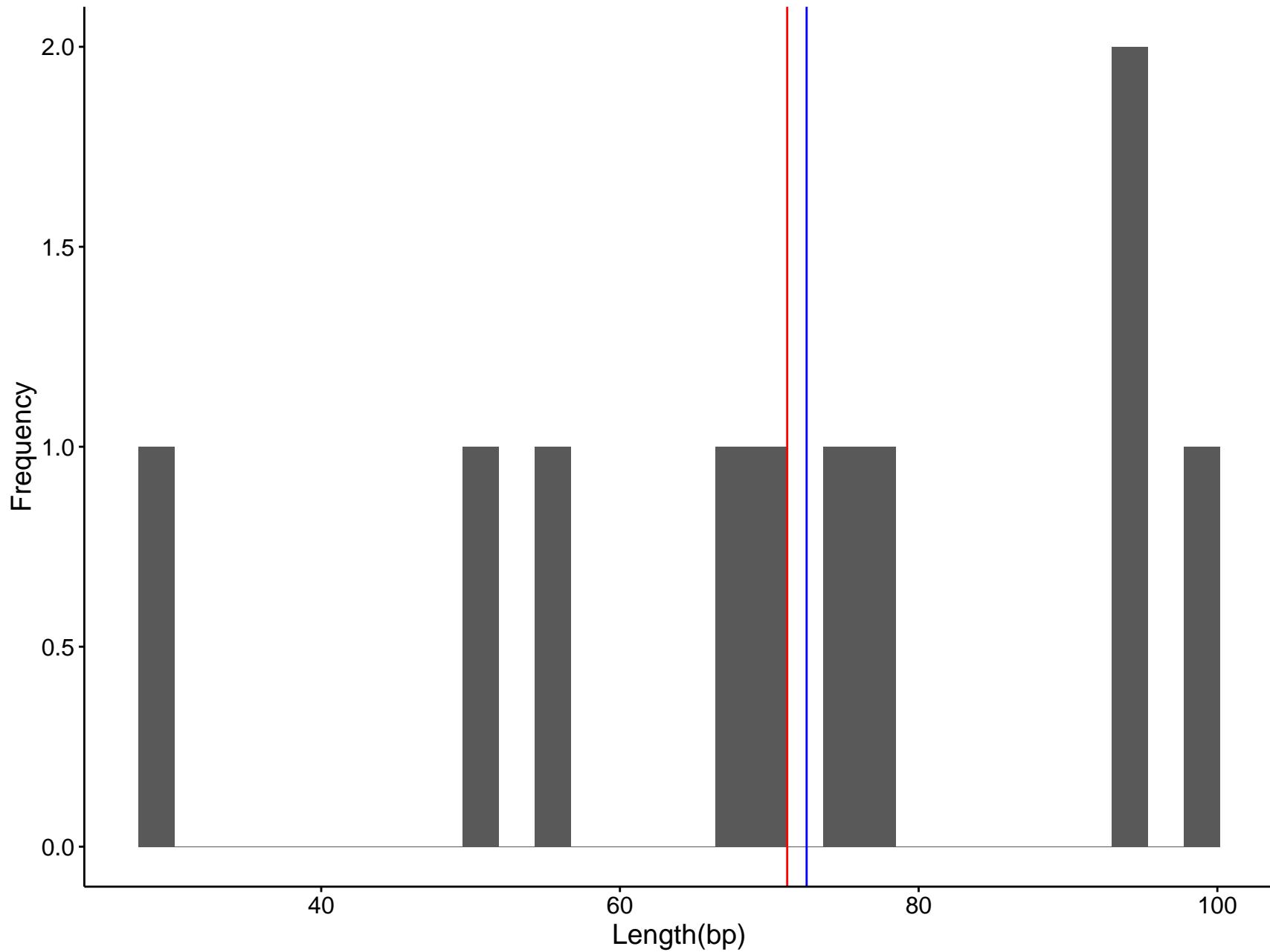


Cluster69

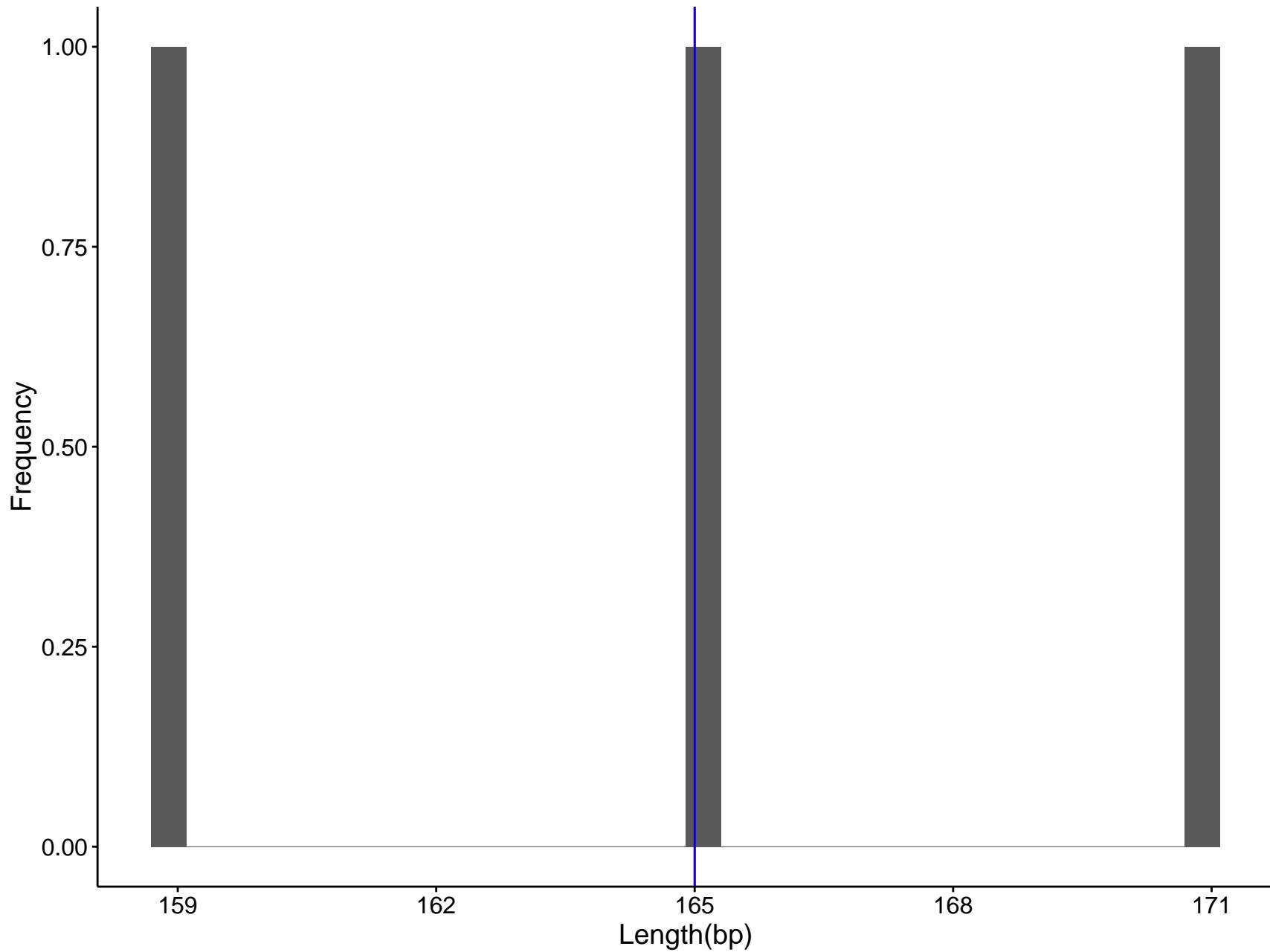




Cluster700



Cluster701



Cluster705

Frequency

30.950

30.975

31.000

31.025

Length(bp)



Cluster706

Frequency

379.950

379.975

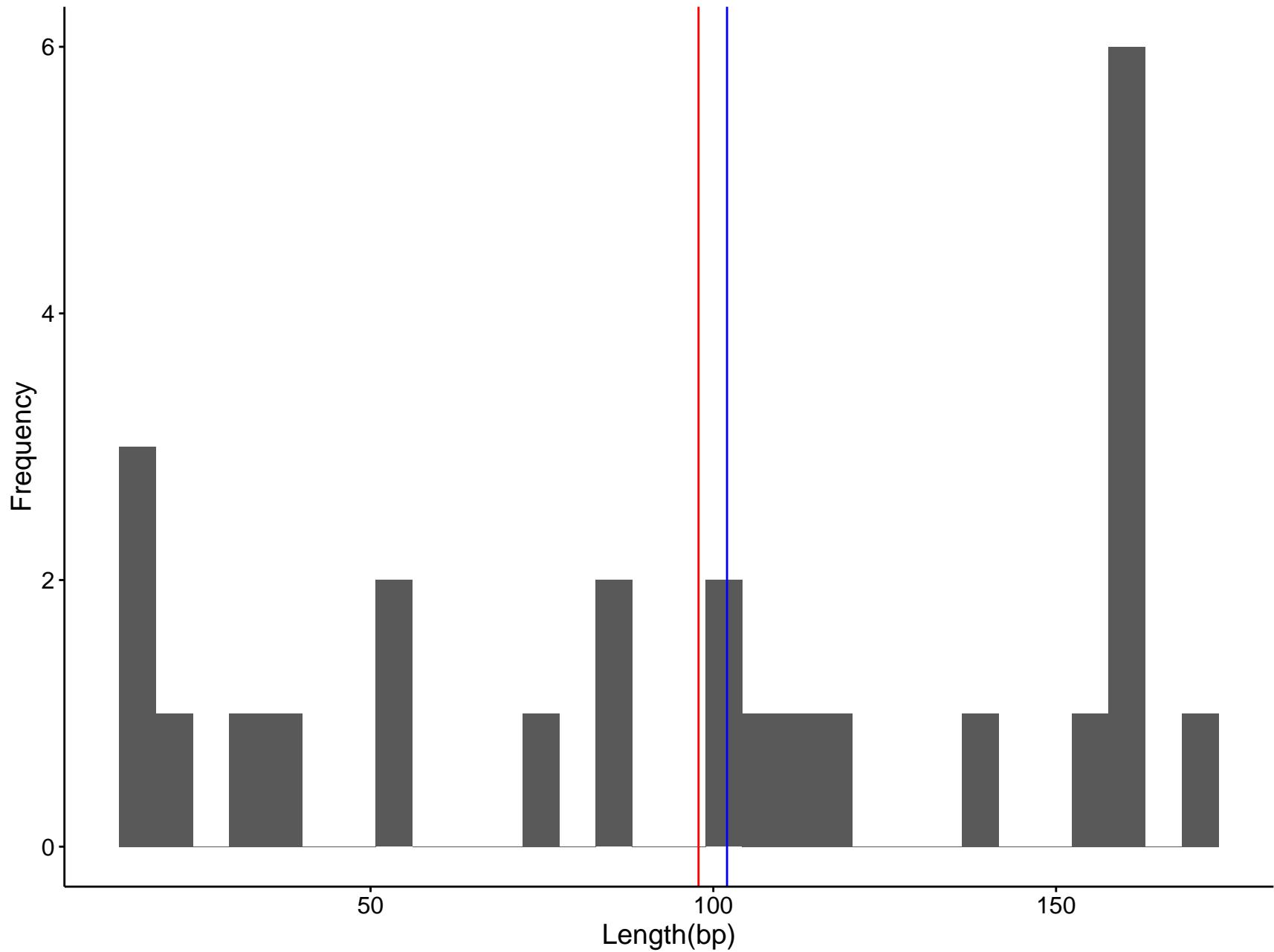
380.000

380.025

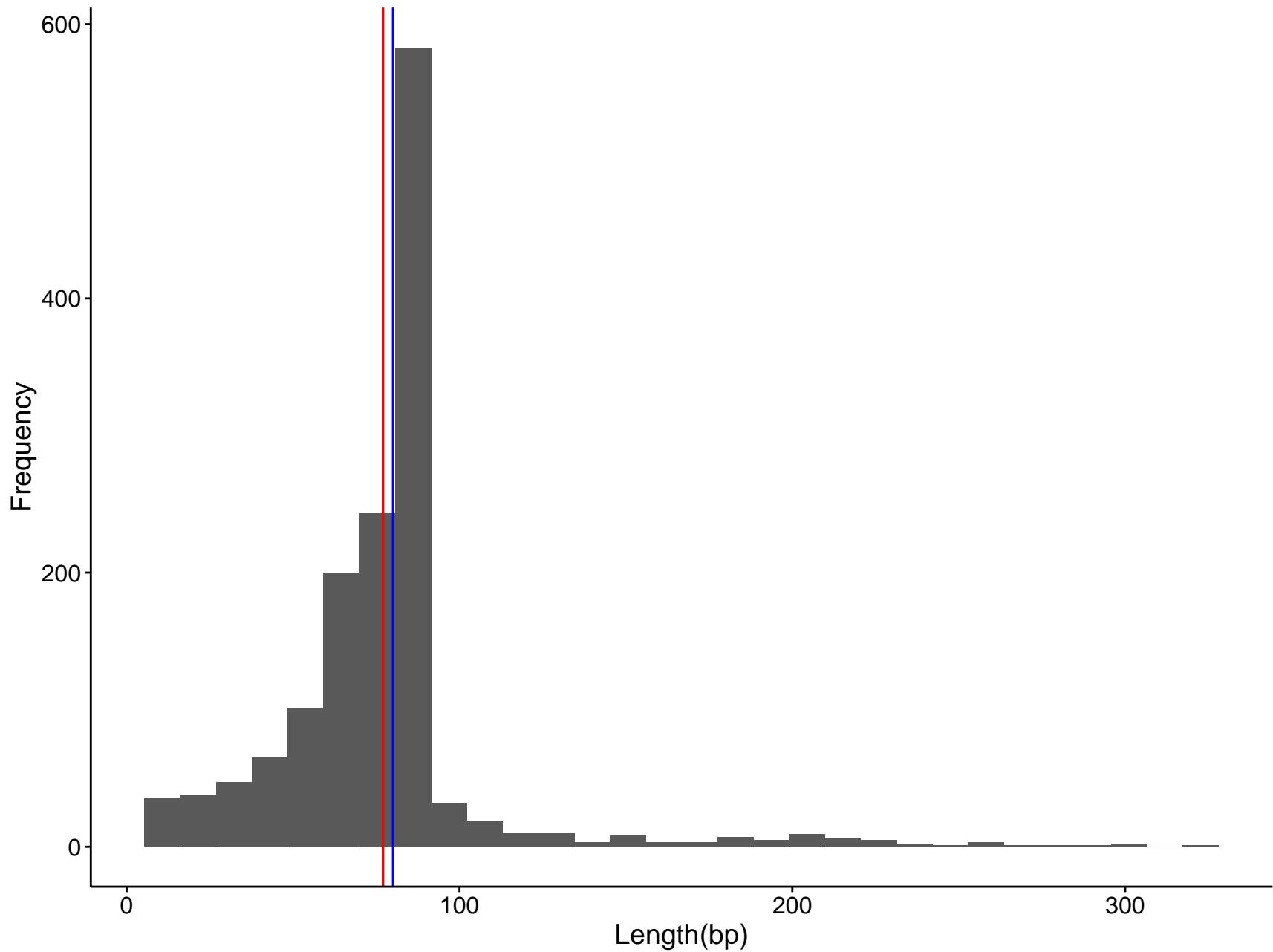
Length(bp)



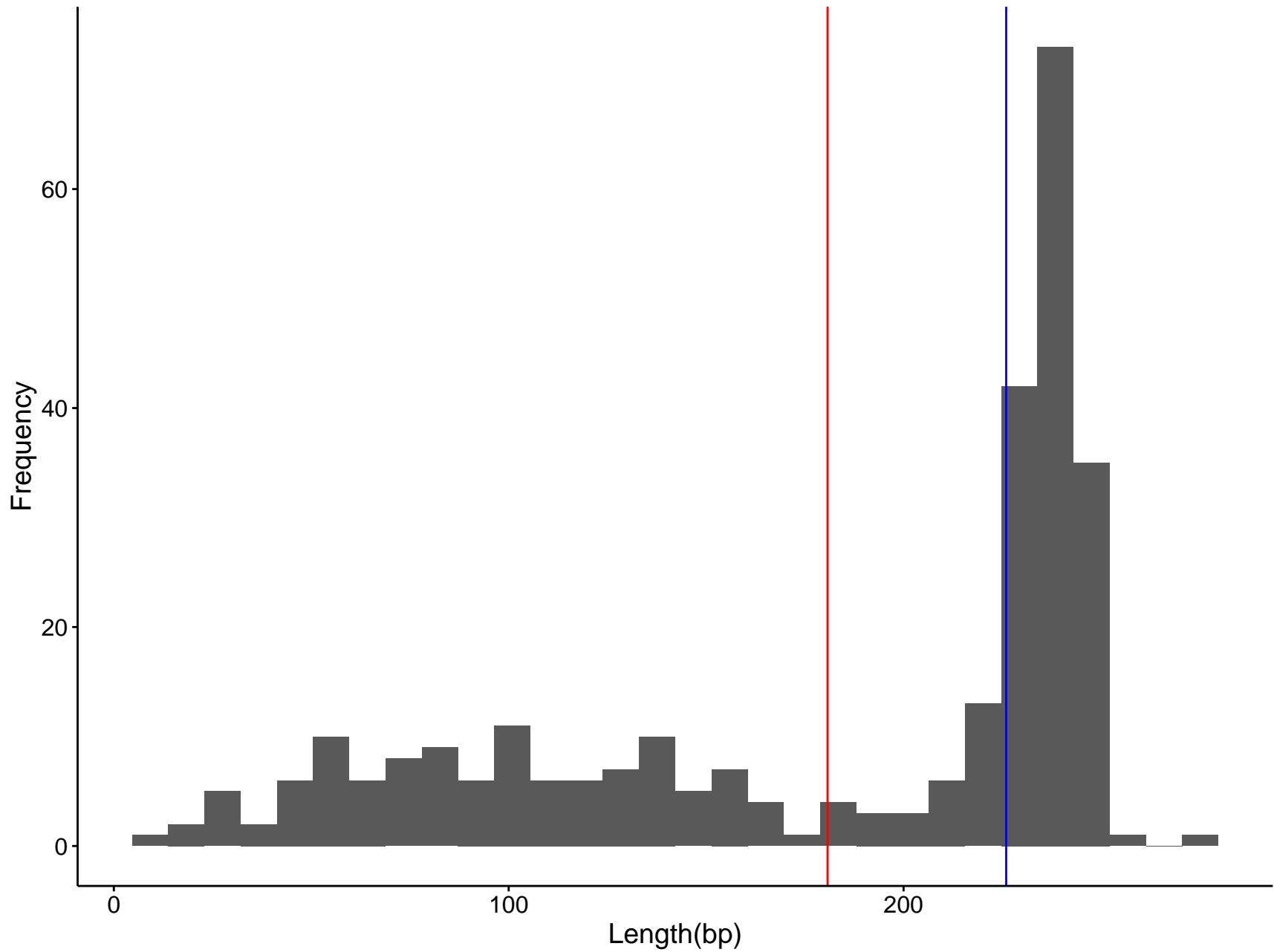
Cluster708



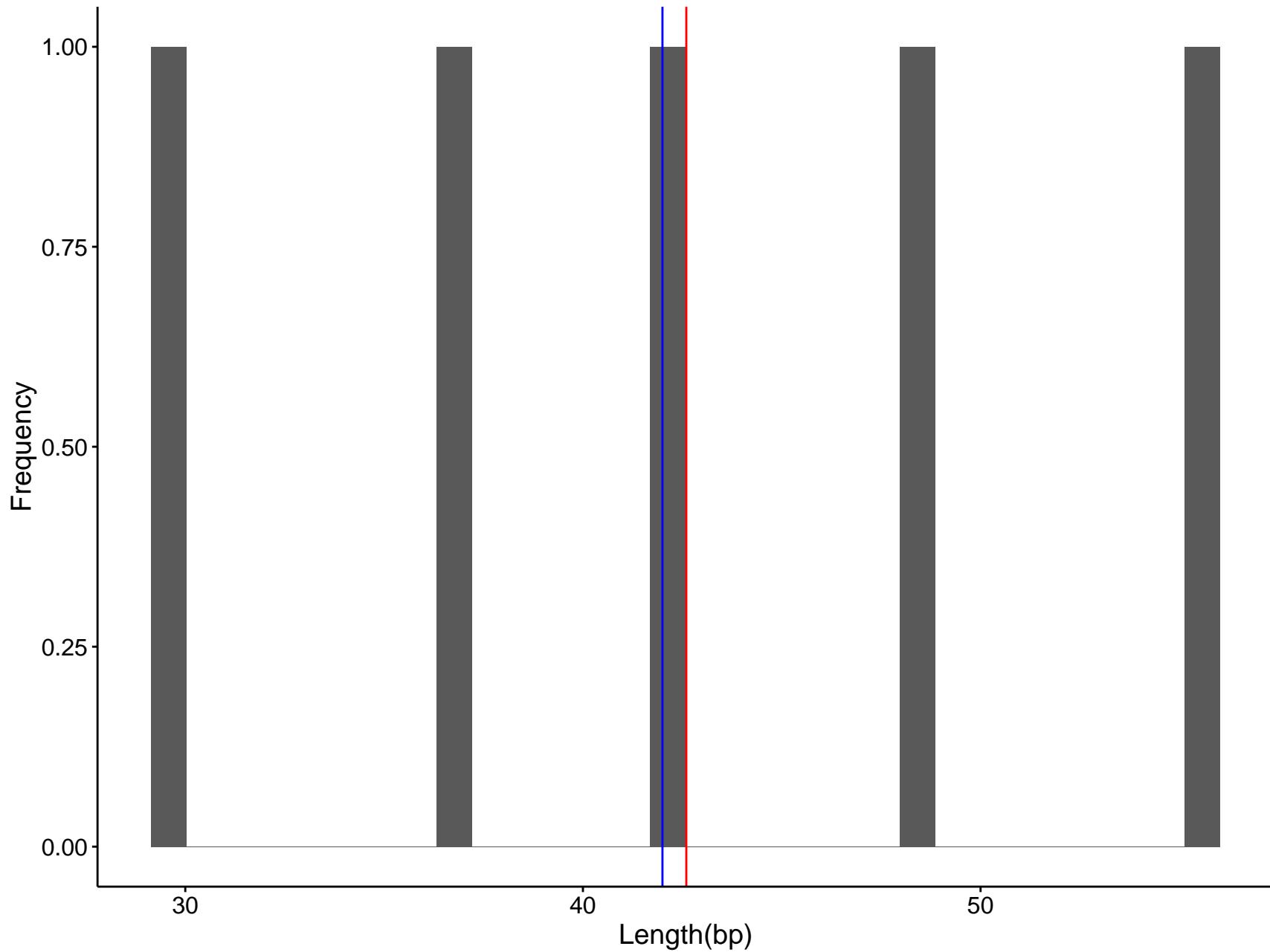
Cluster709



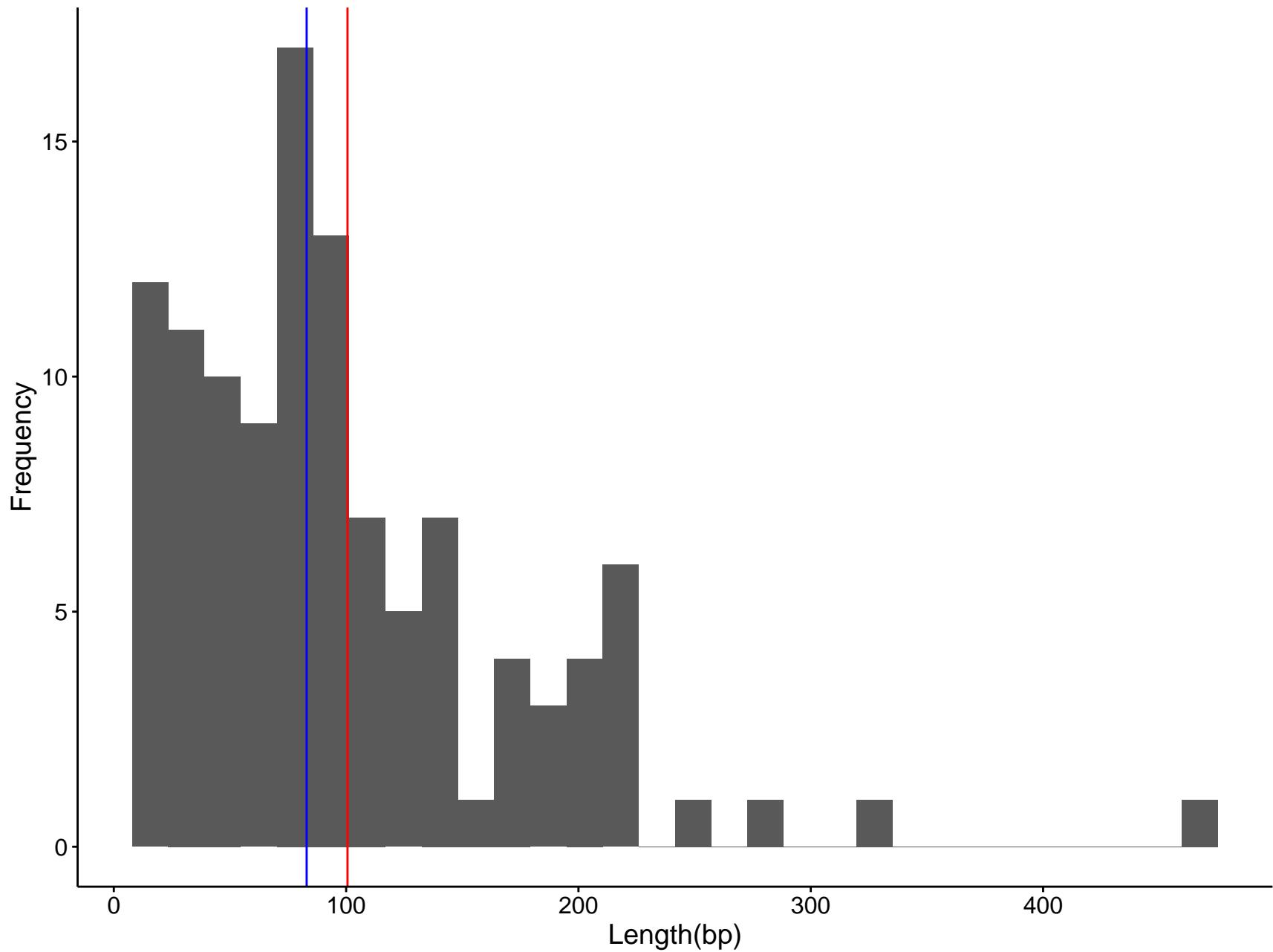
Cluster710



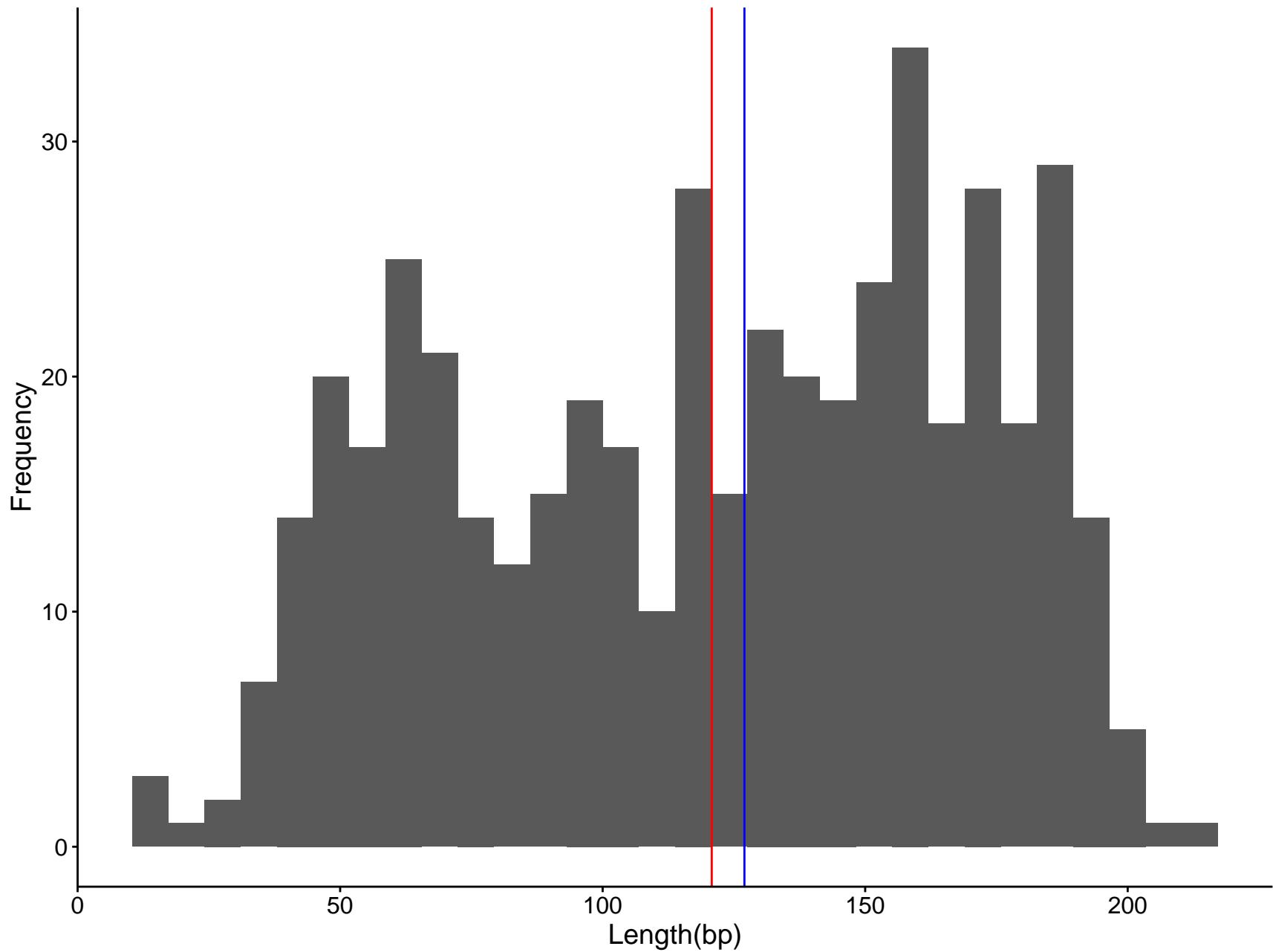
Cluster711



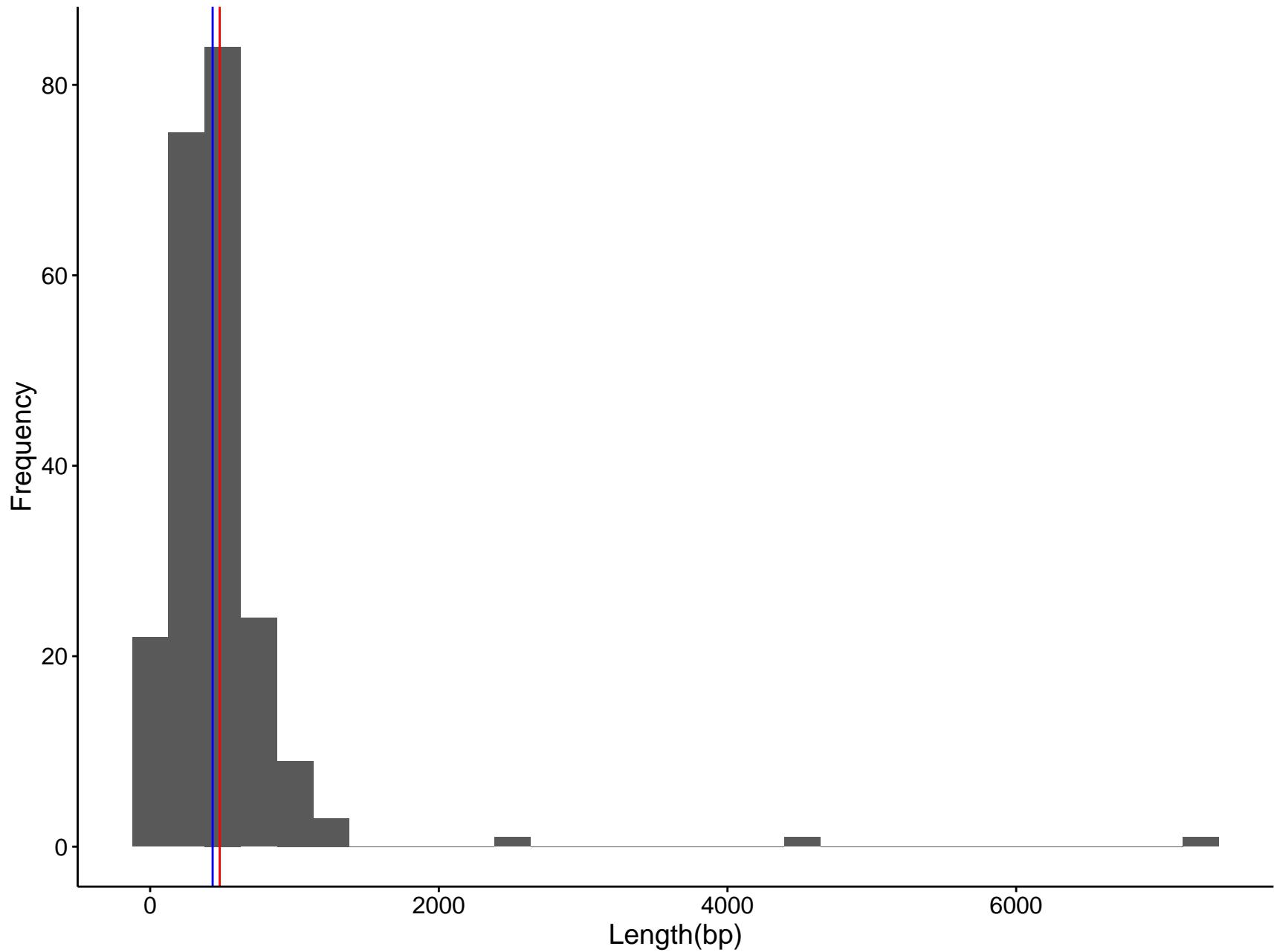
Cluster713



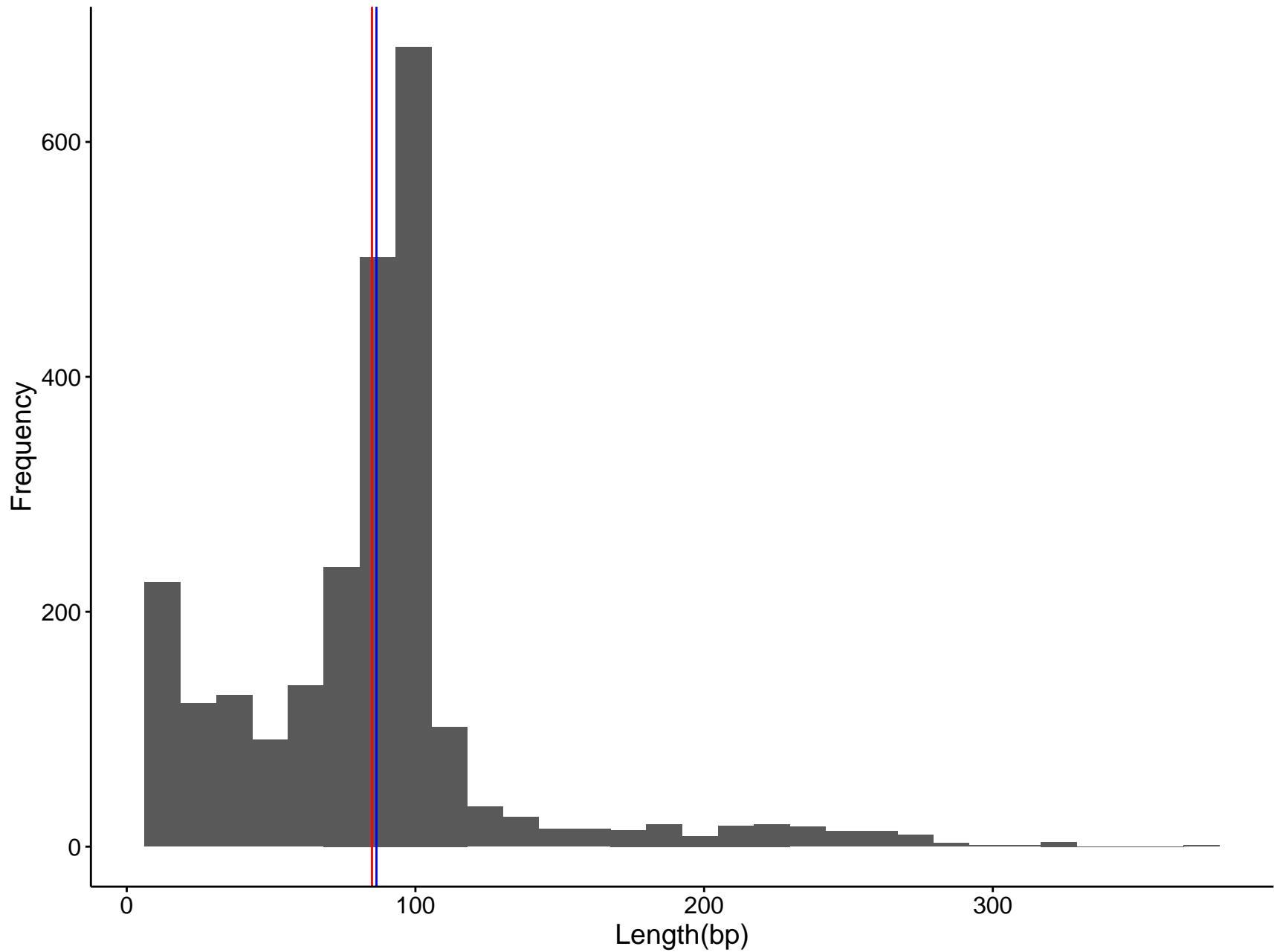
Cluster714



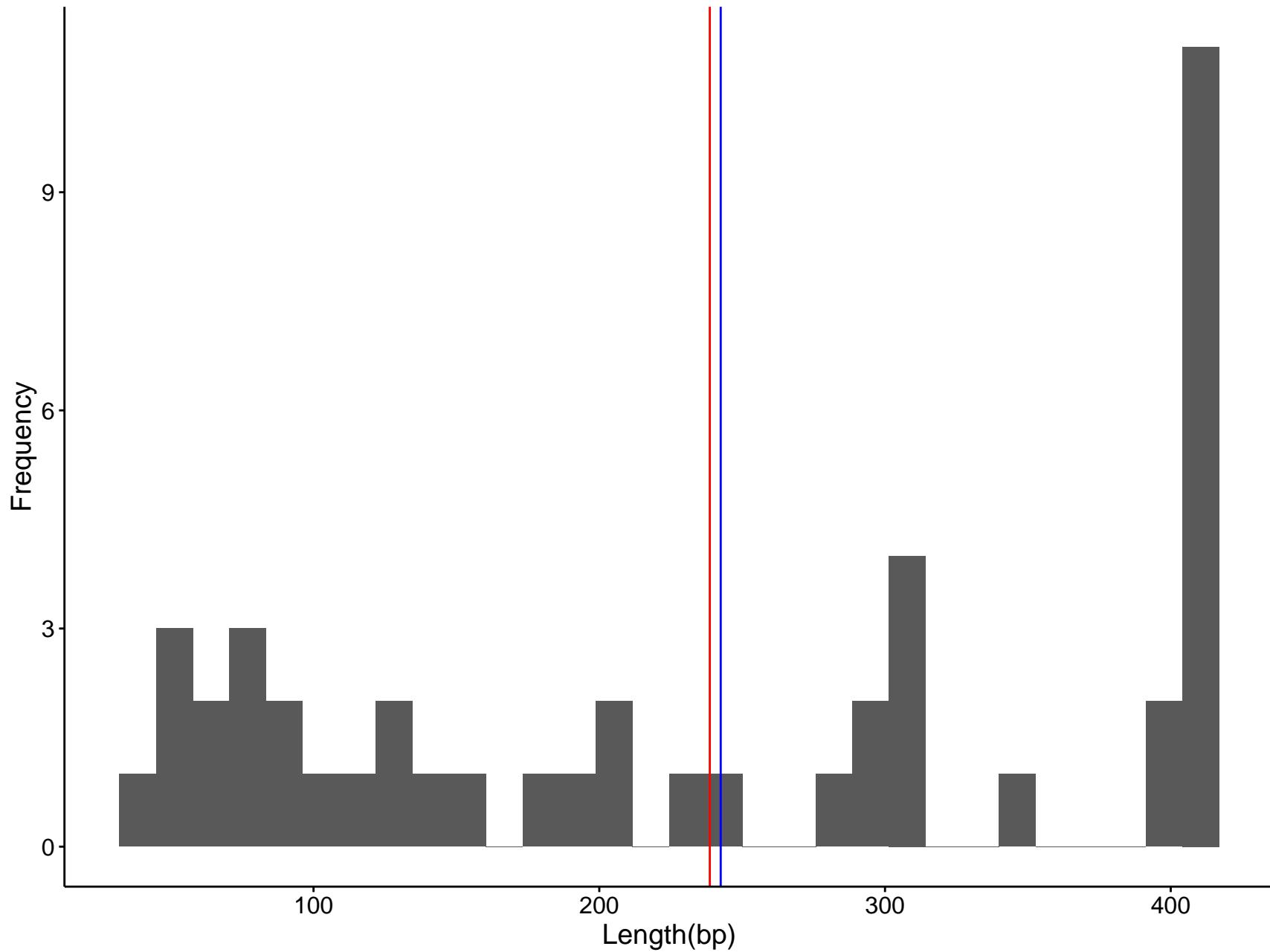
Cluster715



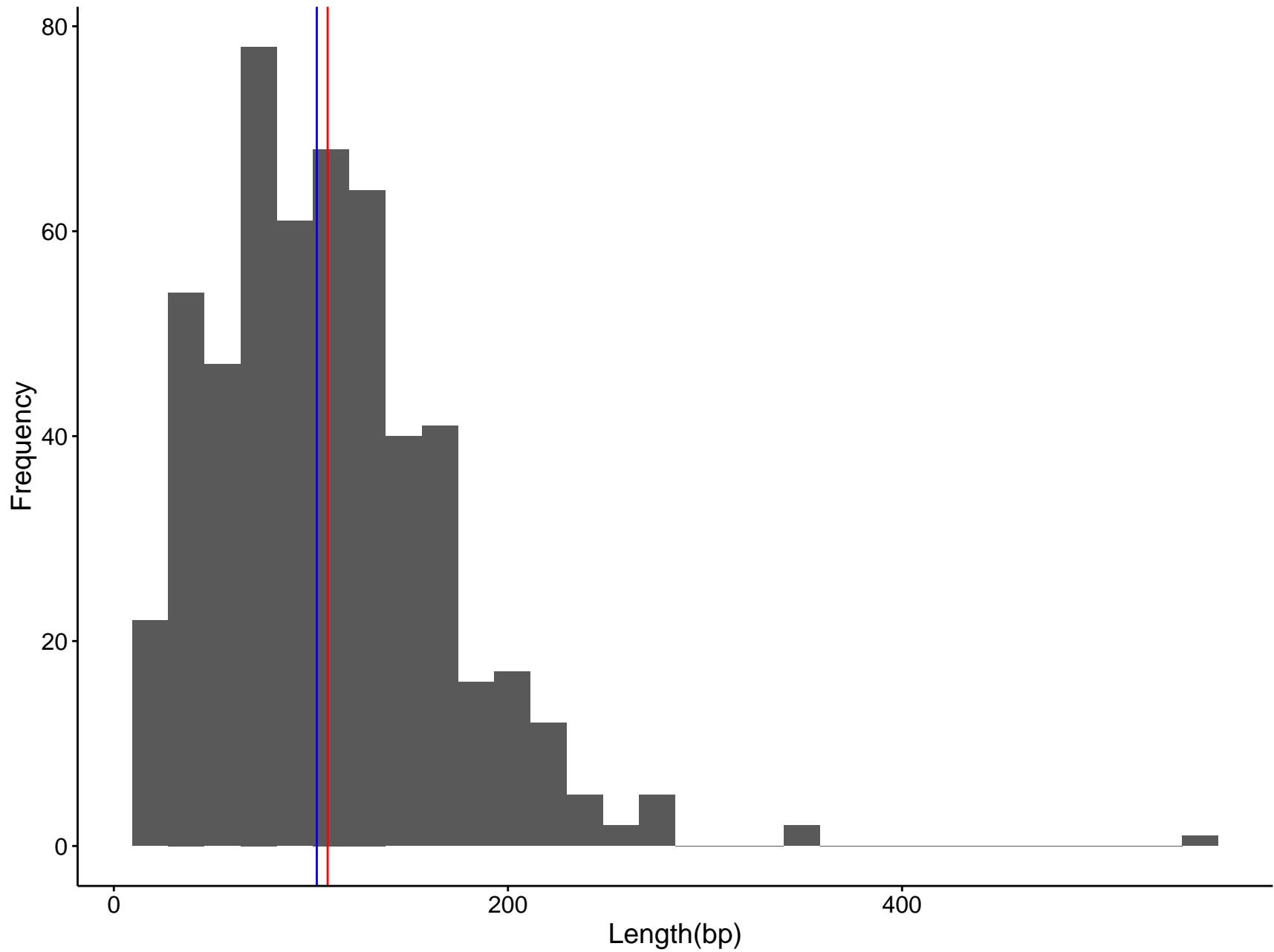
Cluster716



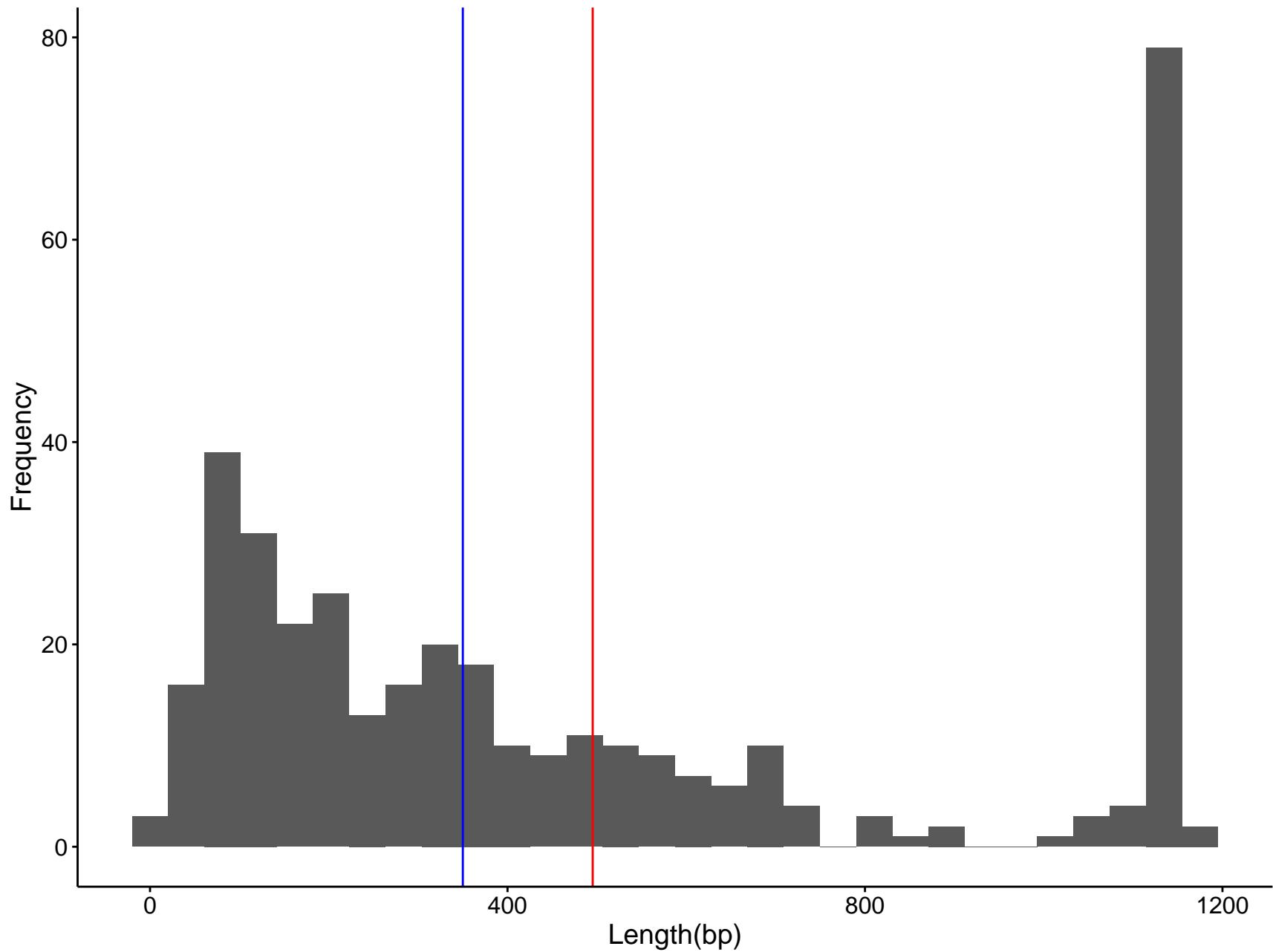
Cluster717



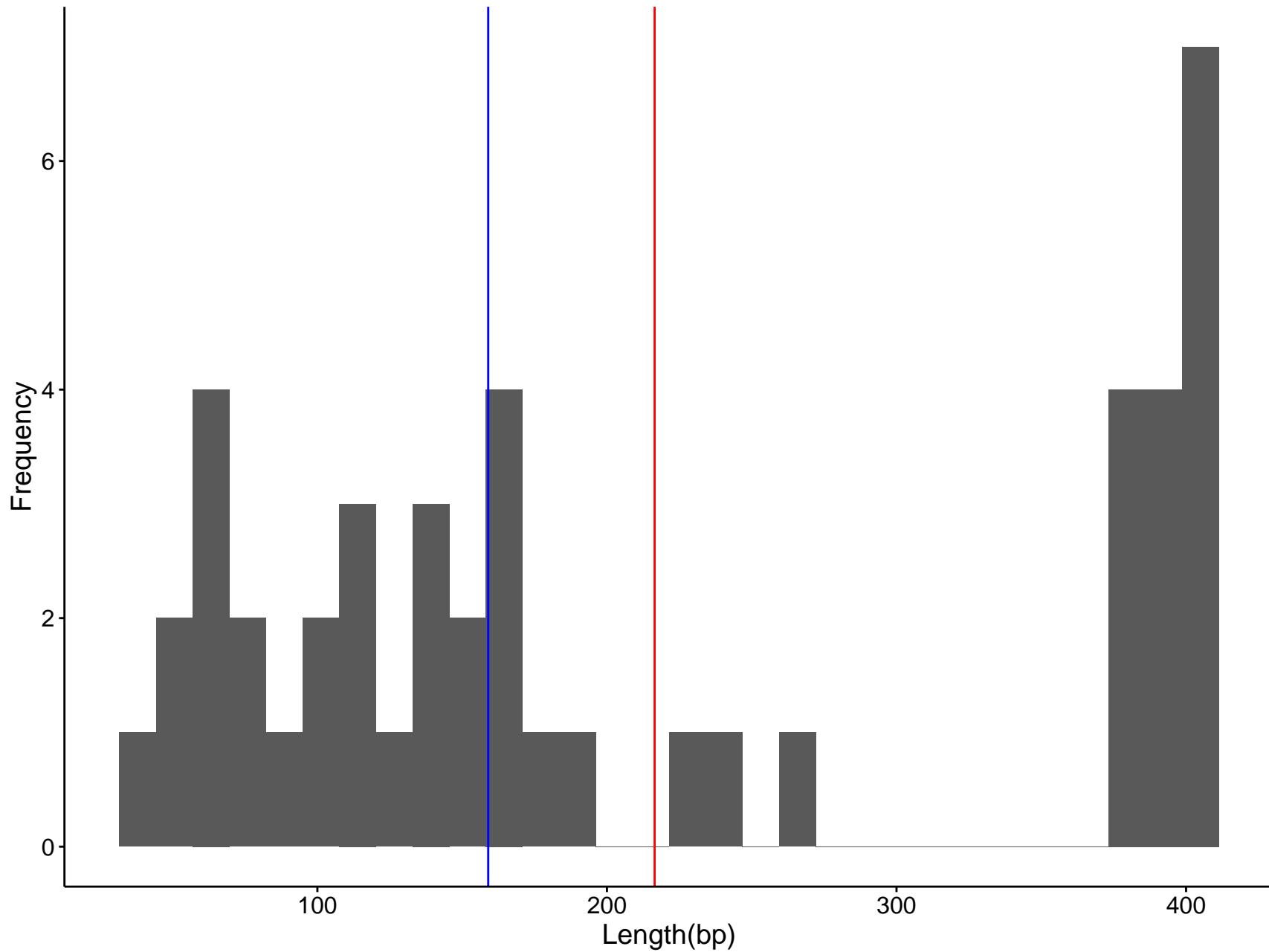
Cluster718



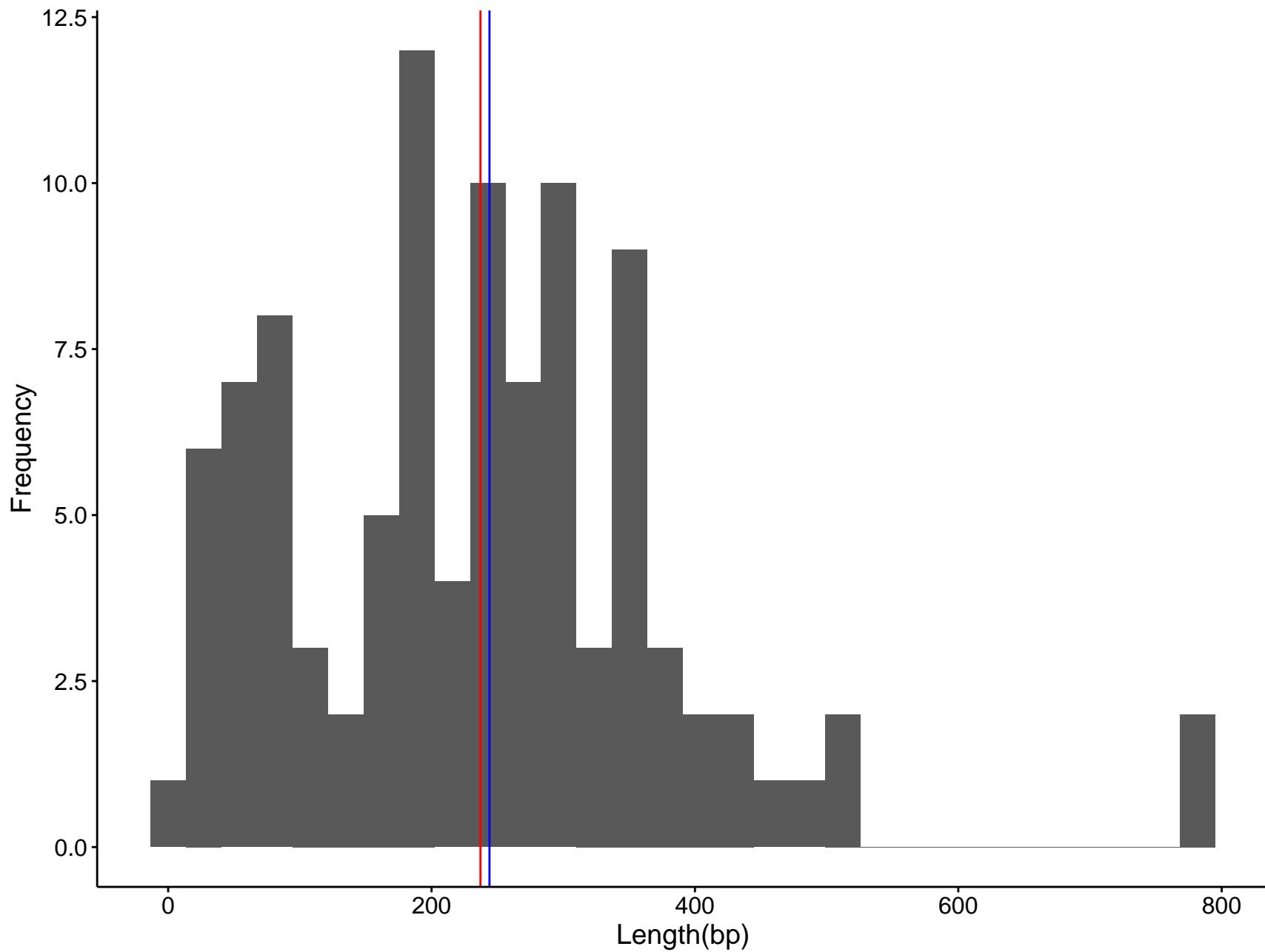
Cluster719



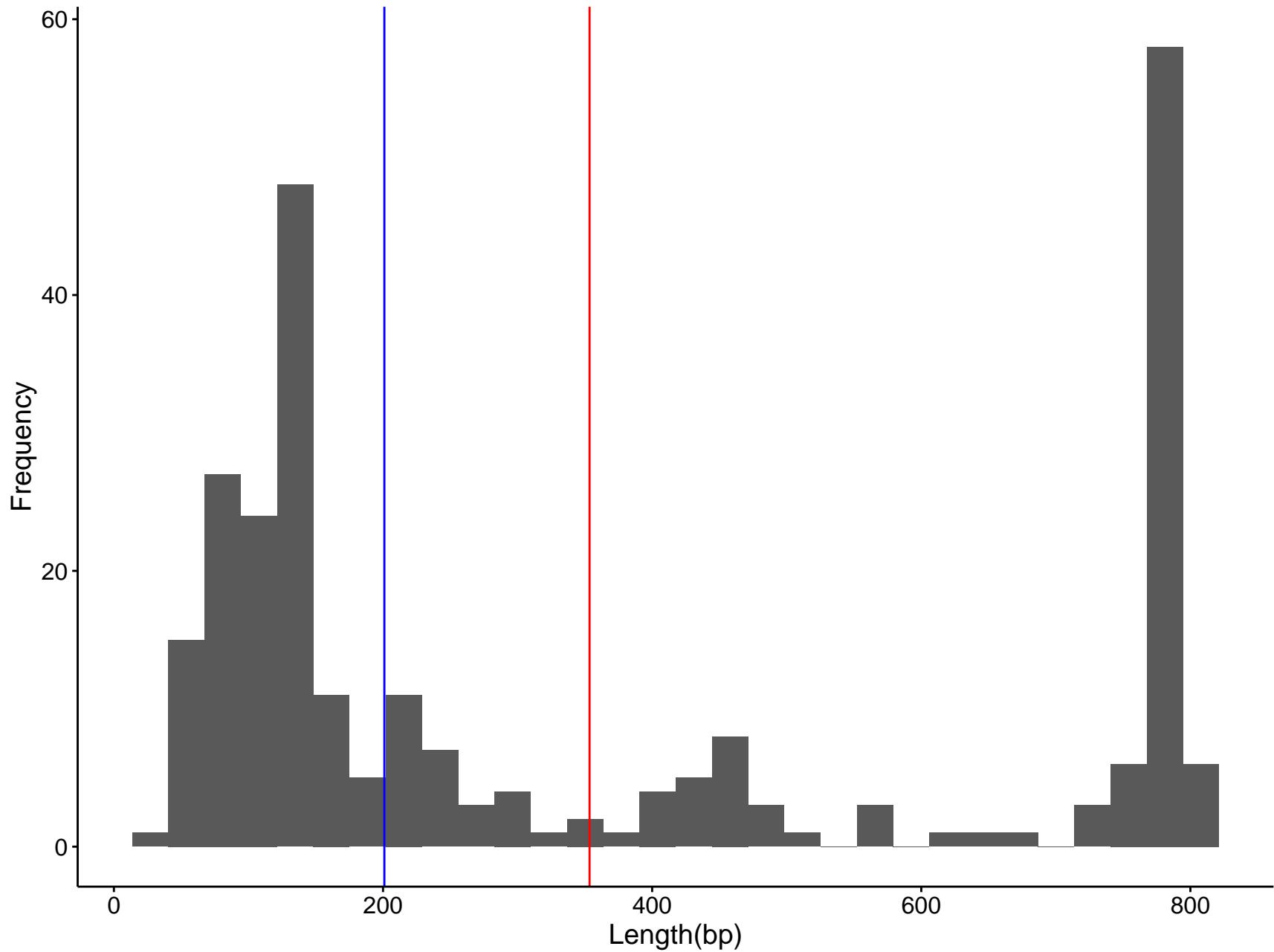
Cluster71



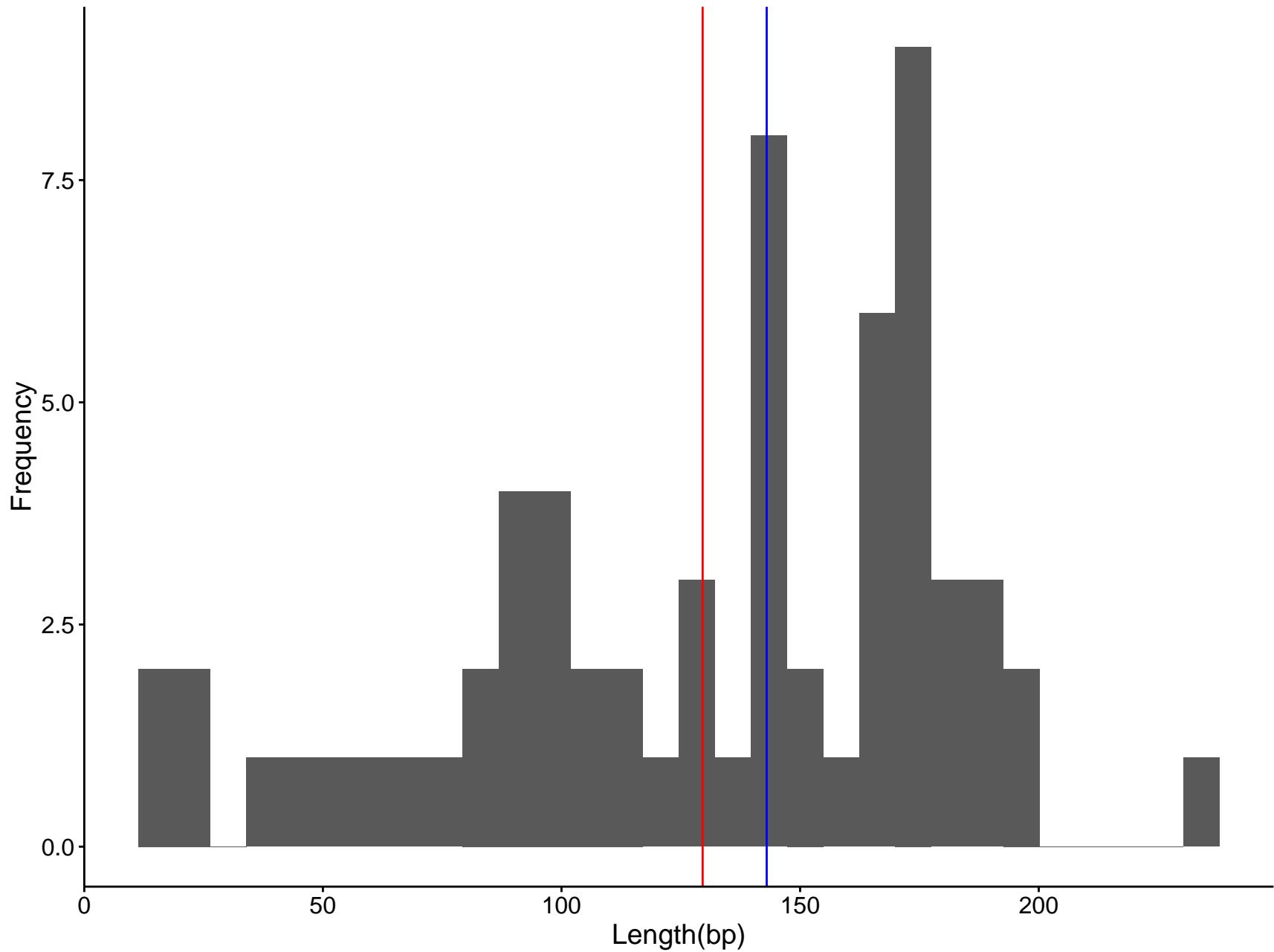
Cluster720



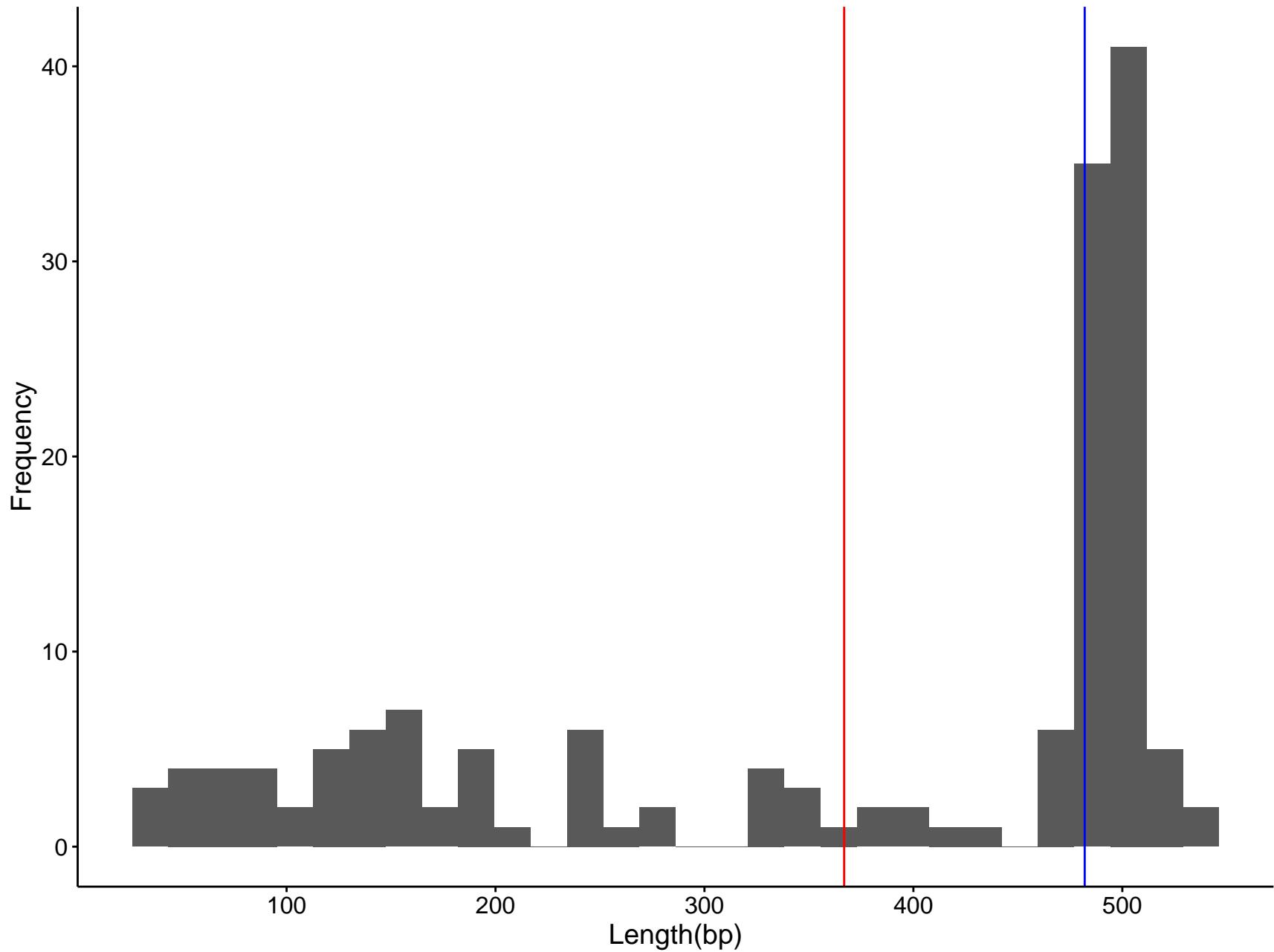
Cluster721



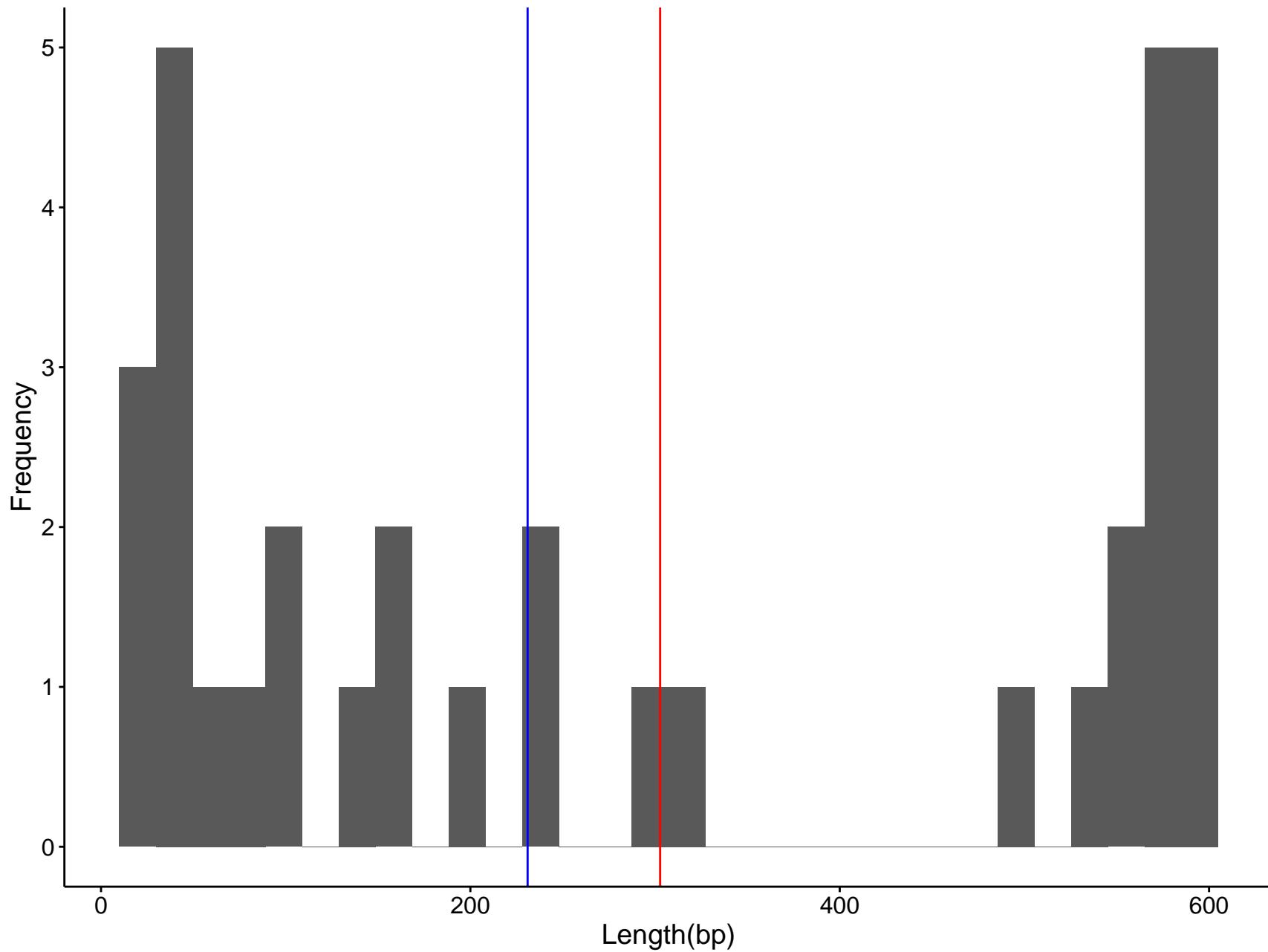
Cluster722



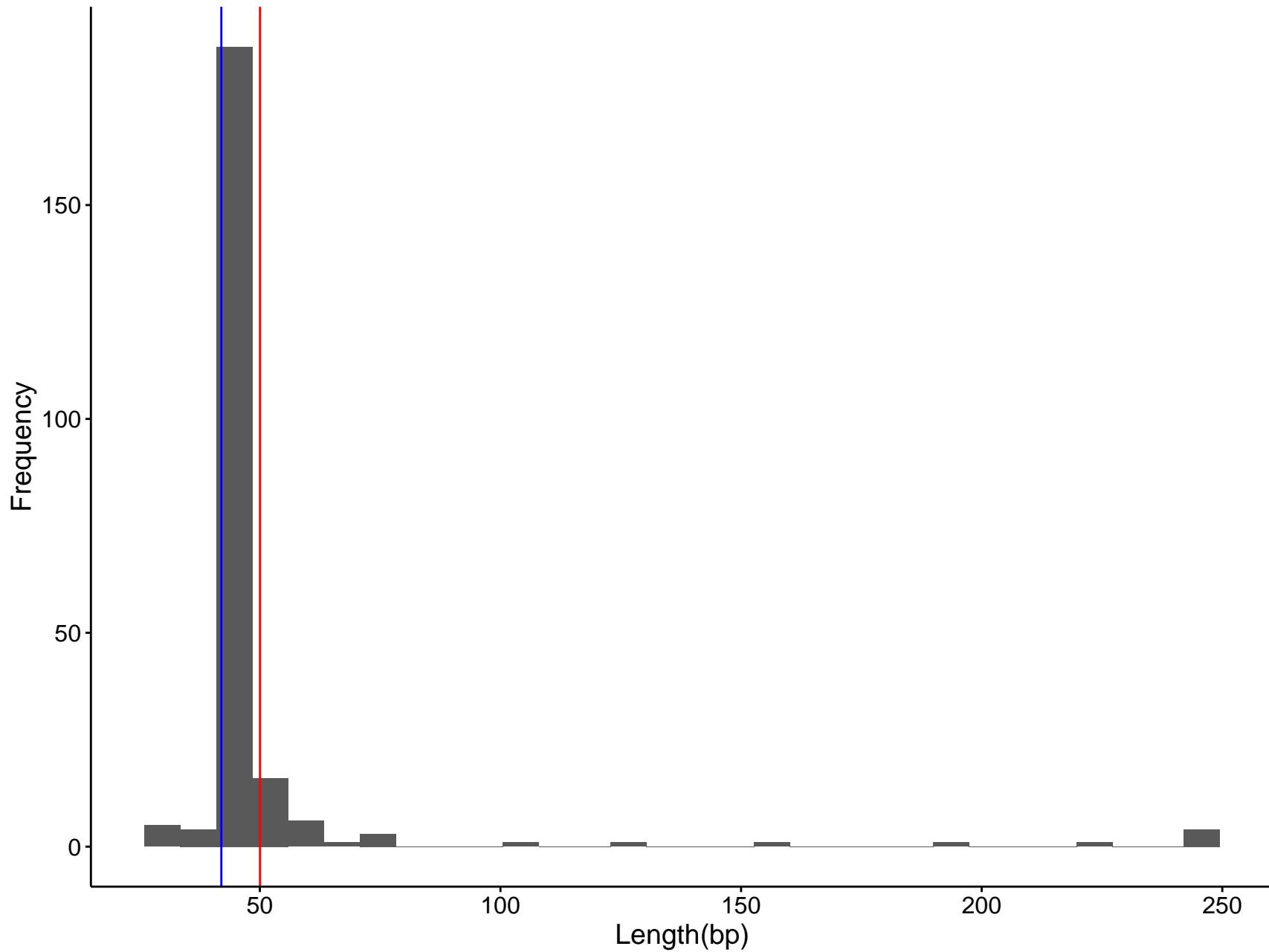
Cluster724



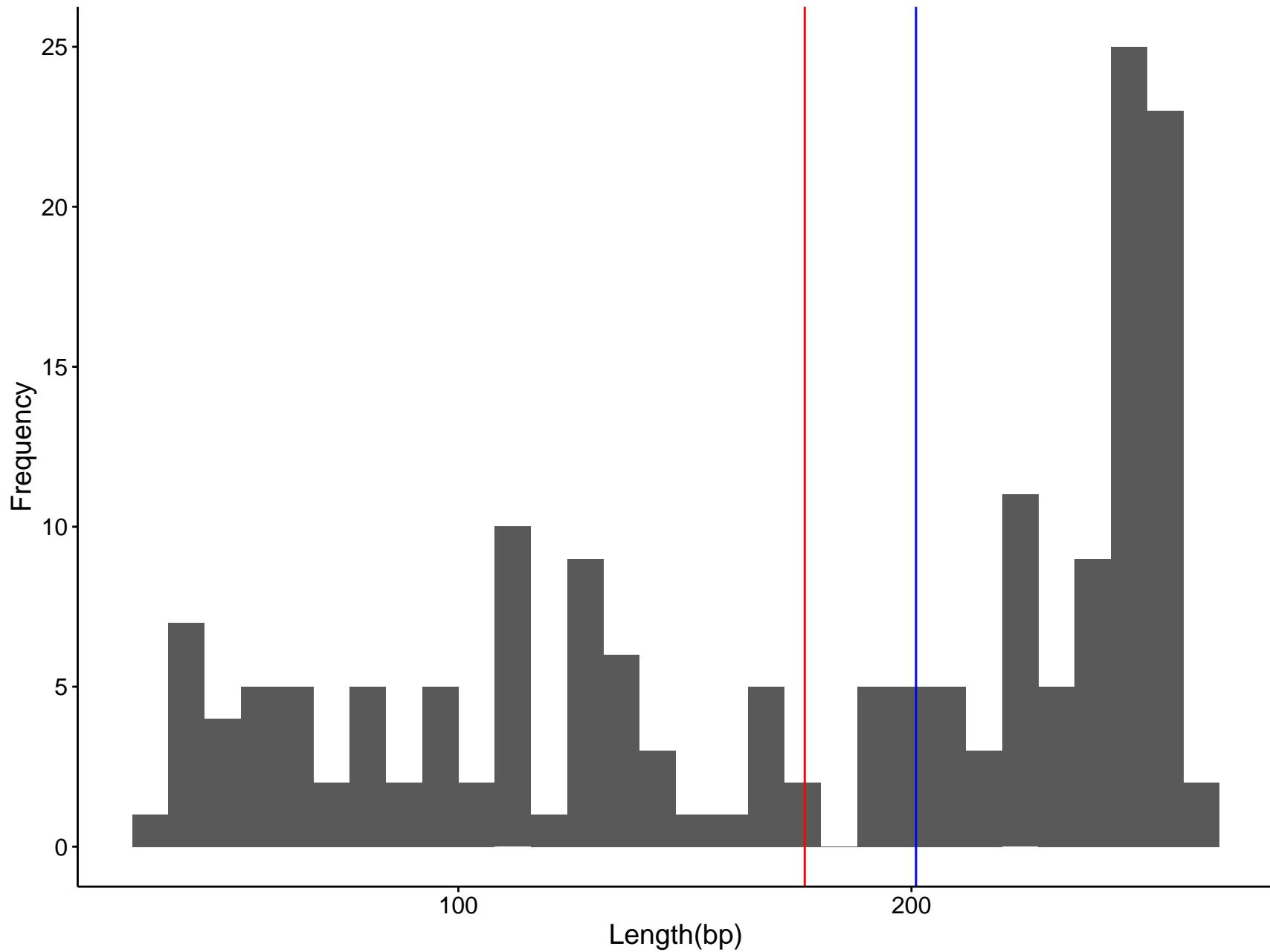
Cluster725



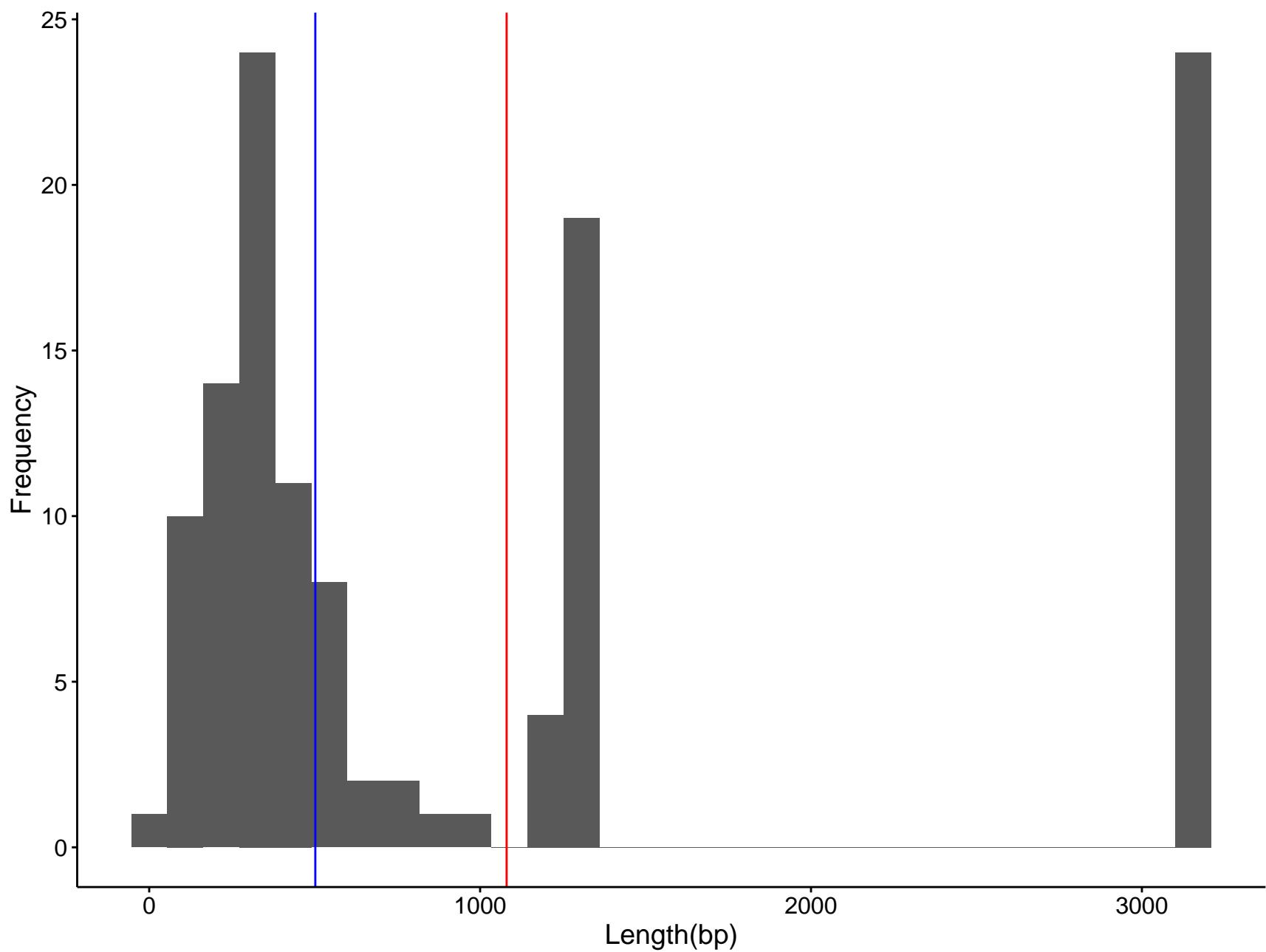
Cluster726



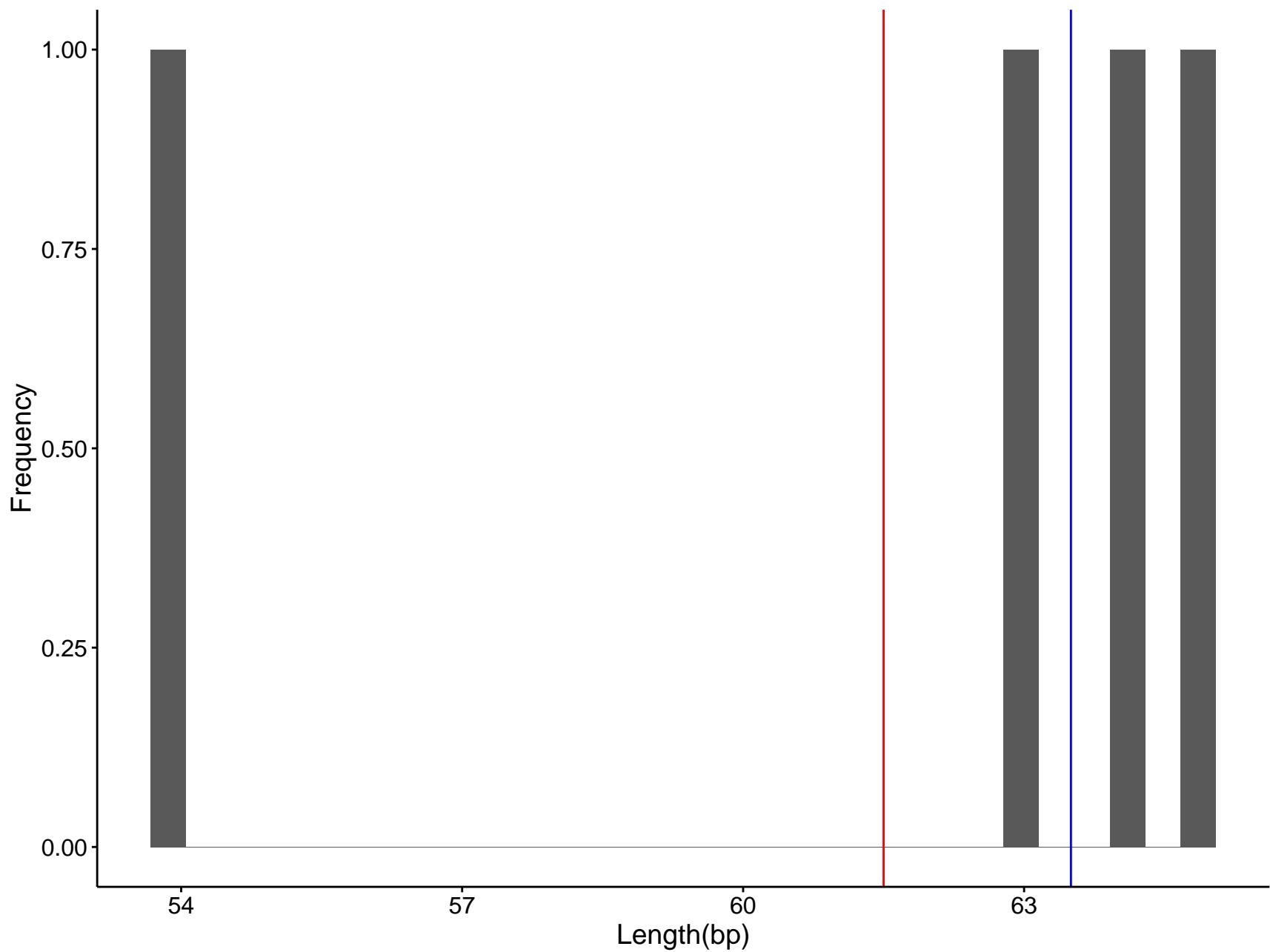
Cluster727



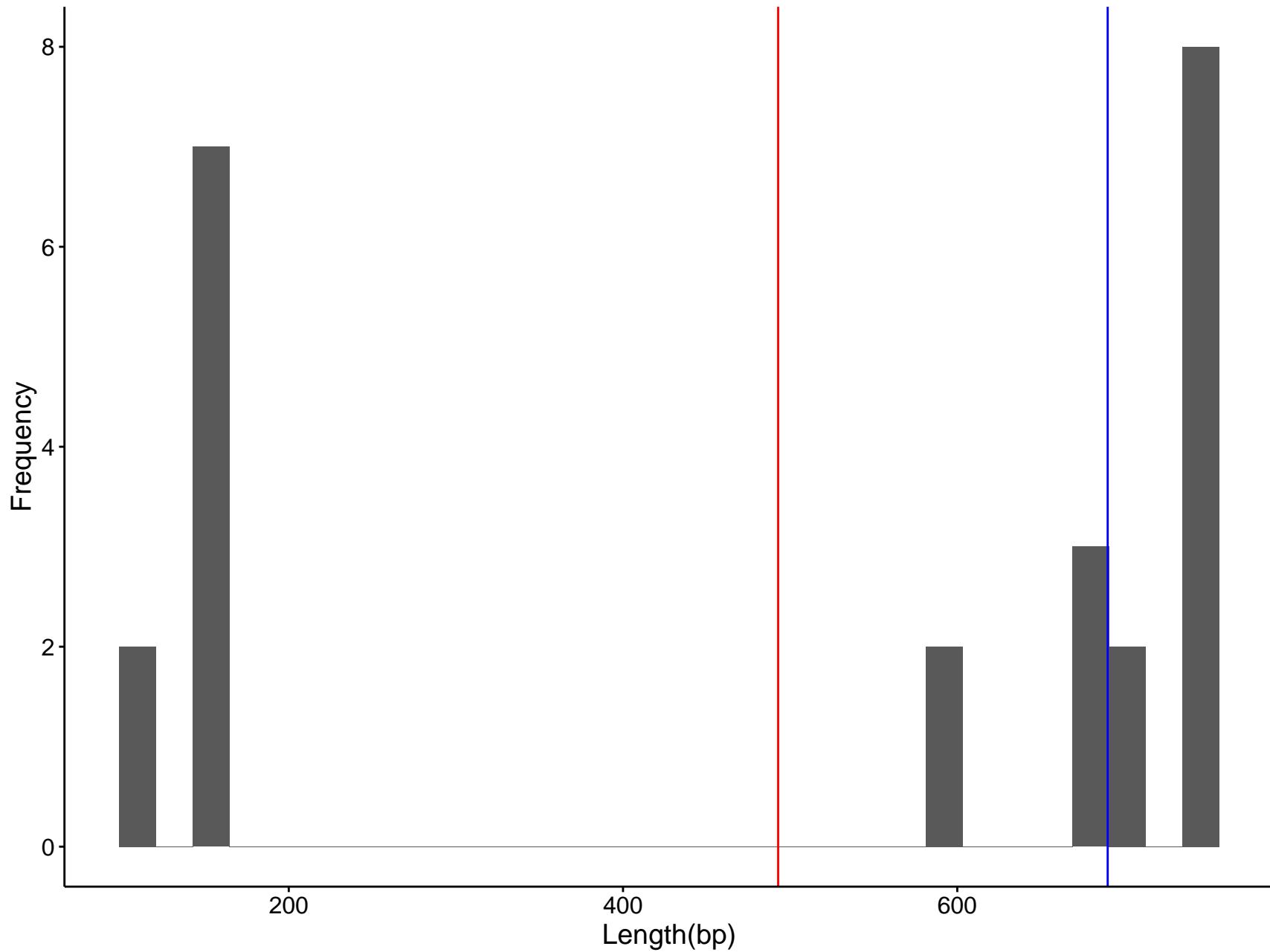
Cluster728



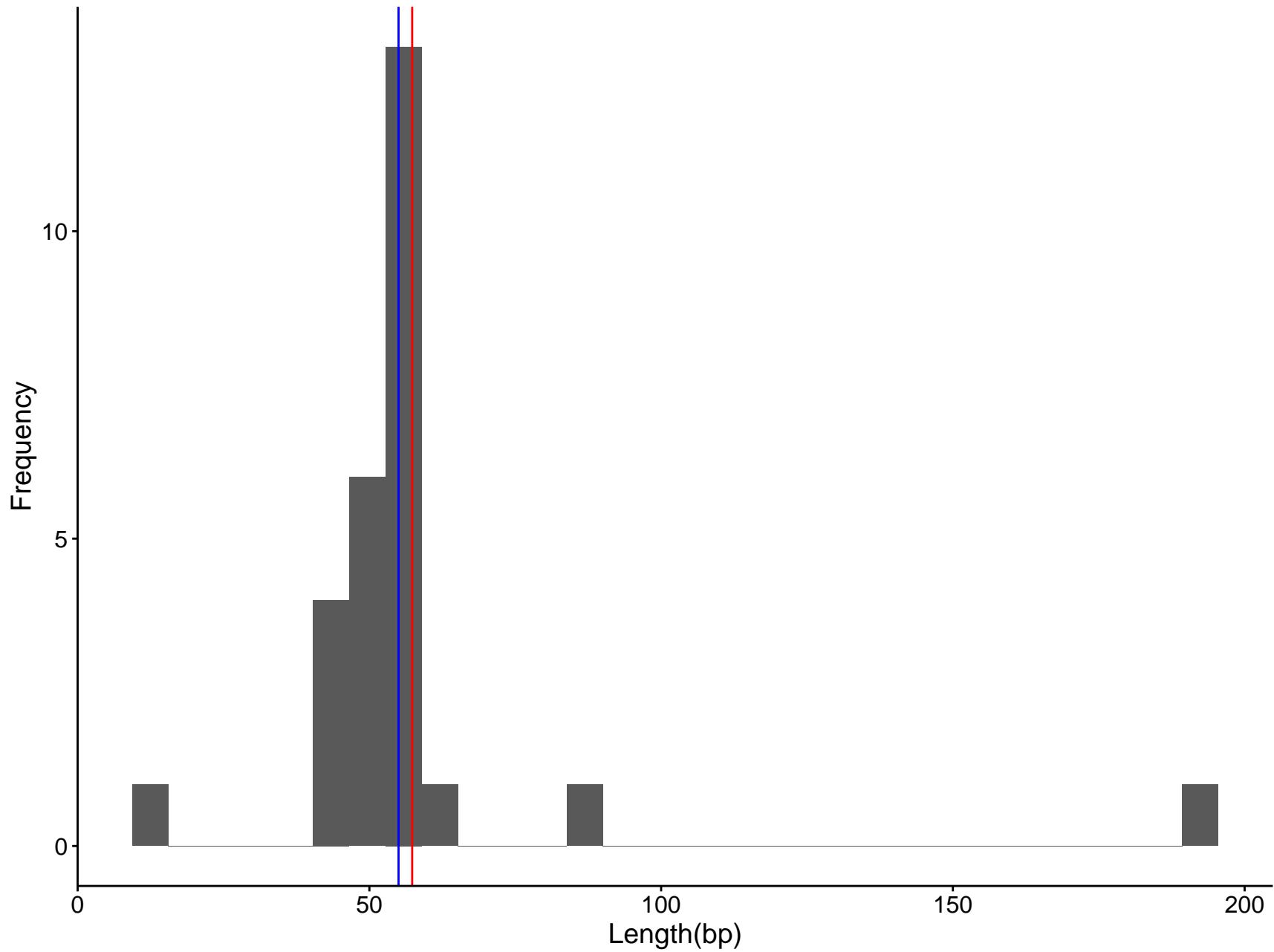
Cluster729



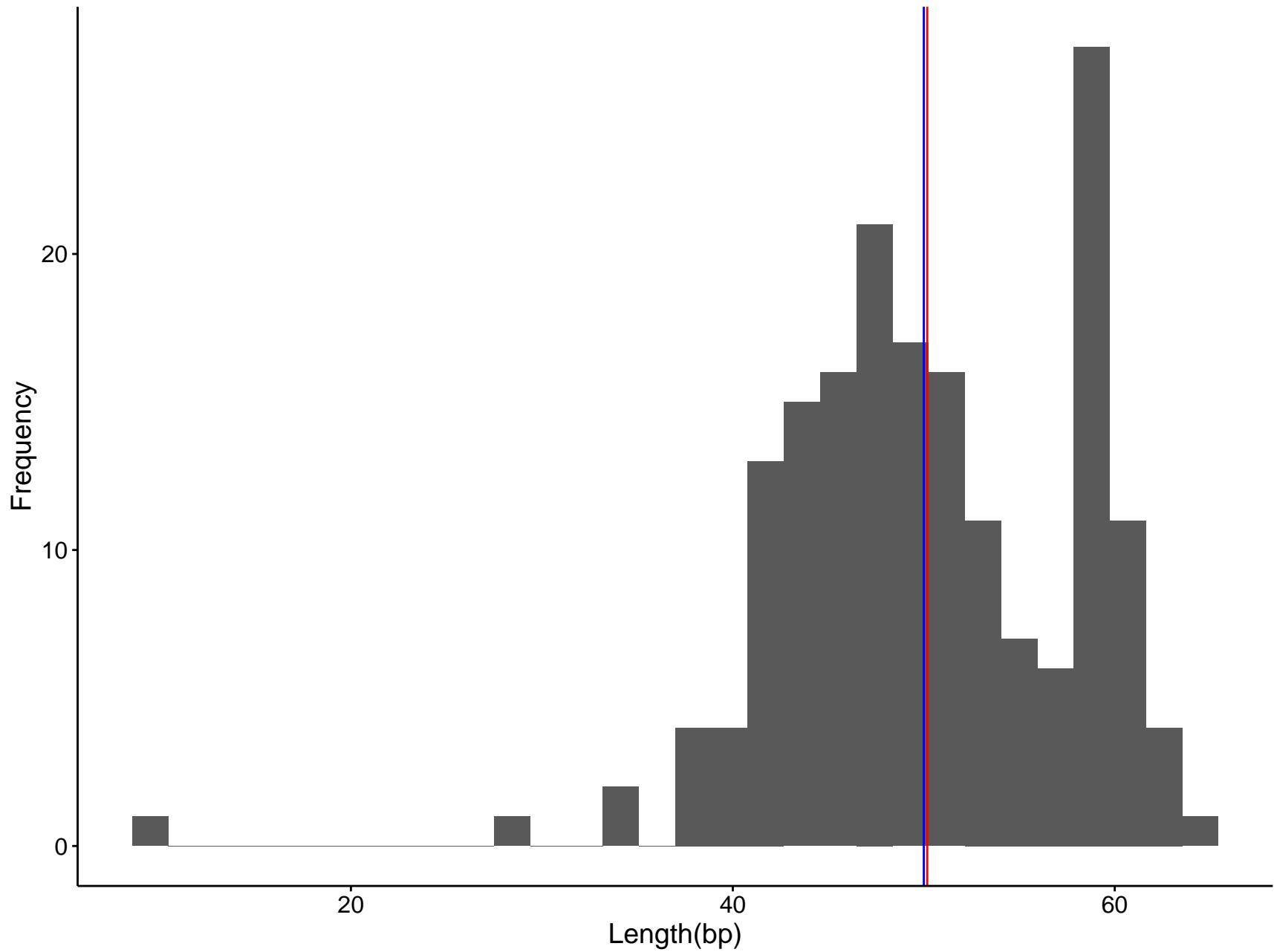
Cluster72



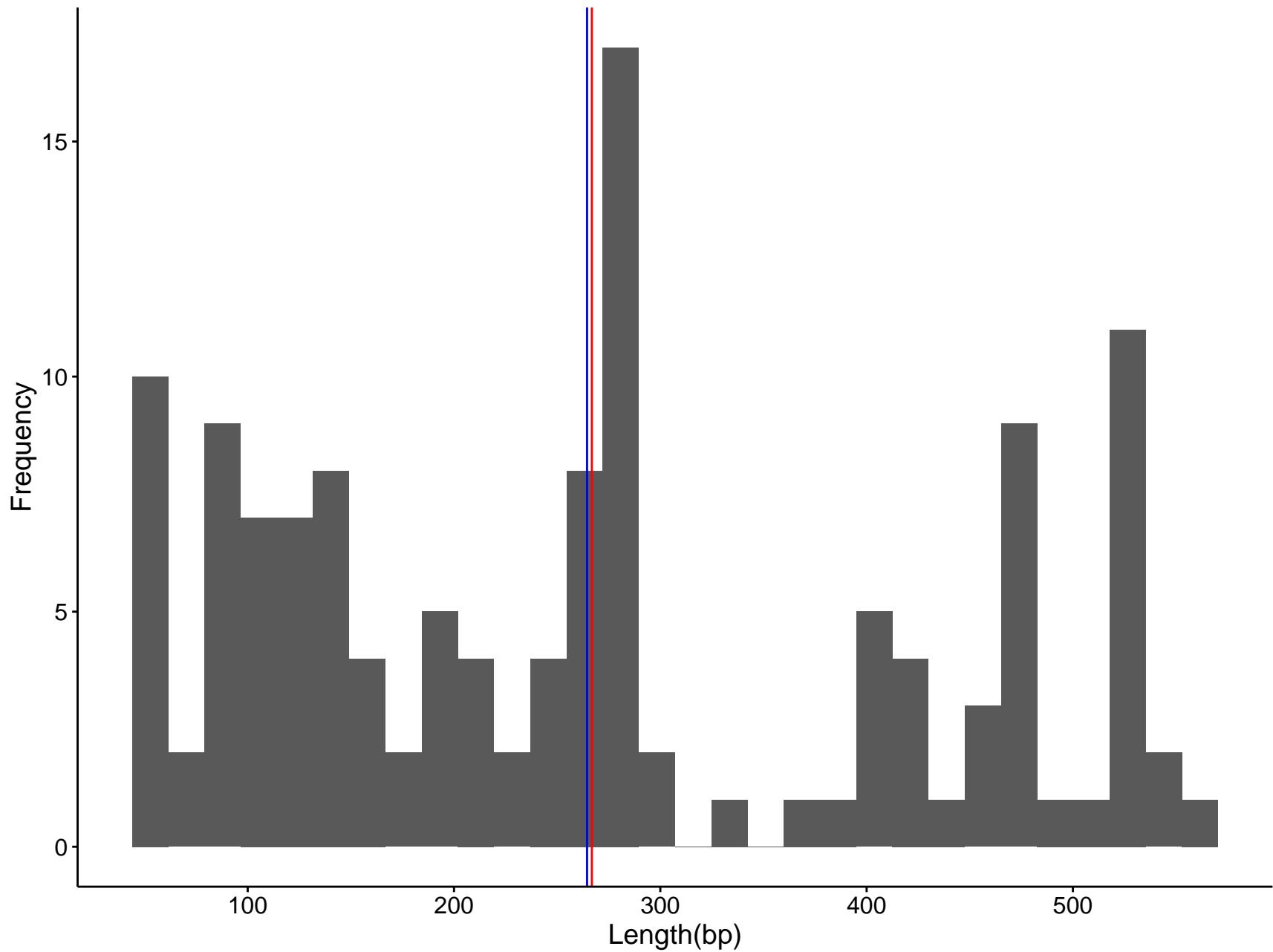
Cluster730



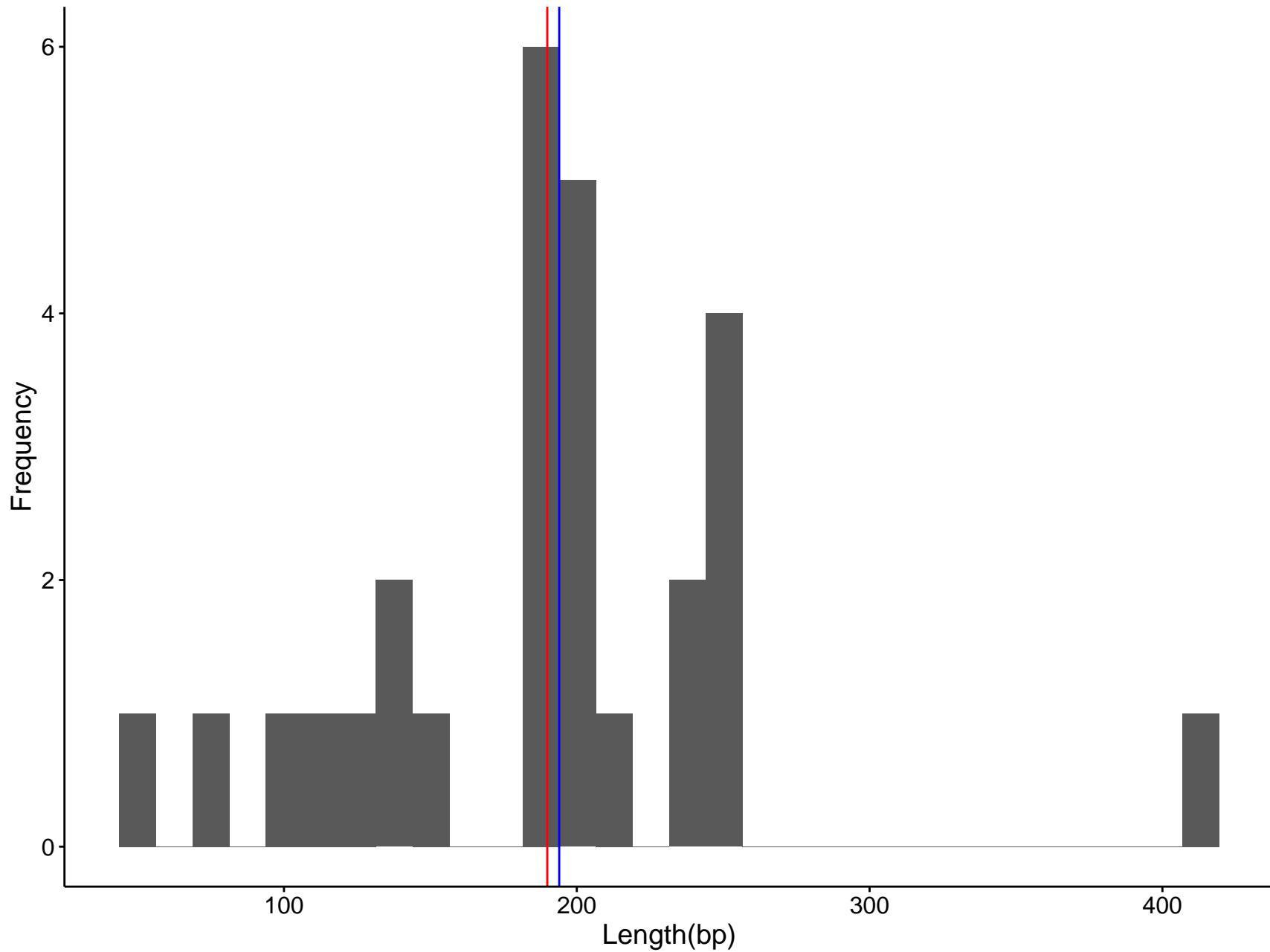
Cluster731



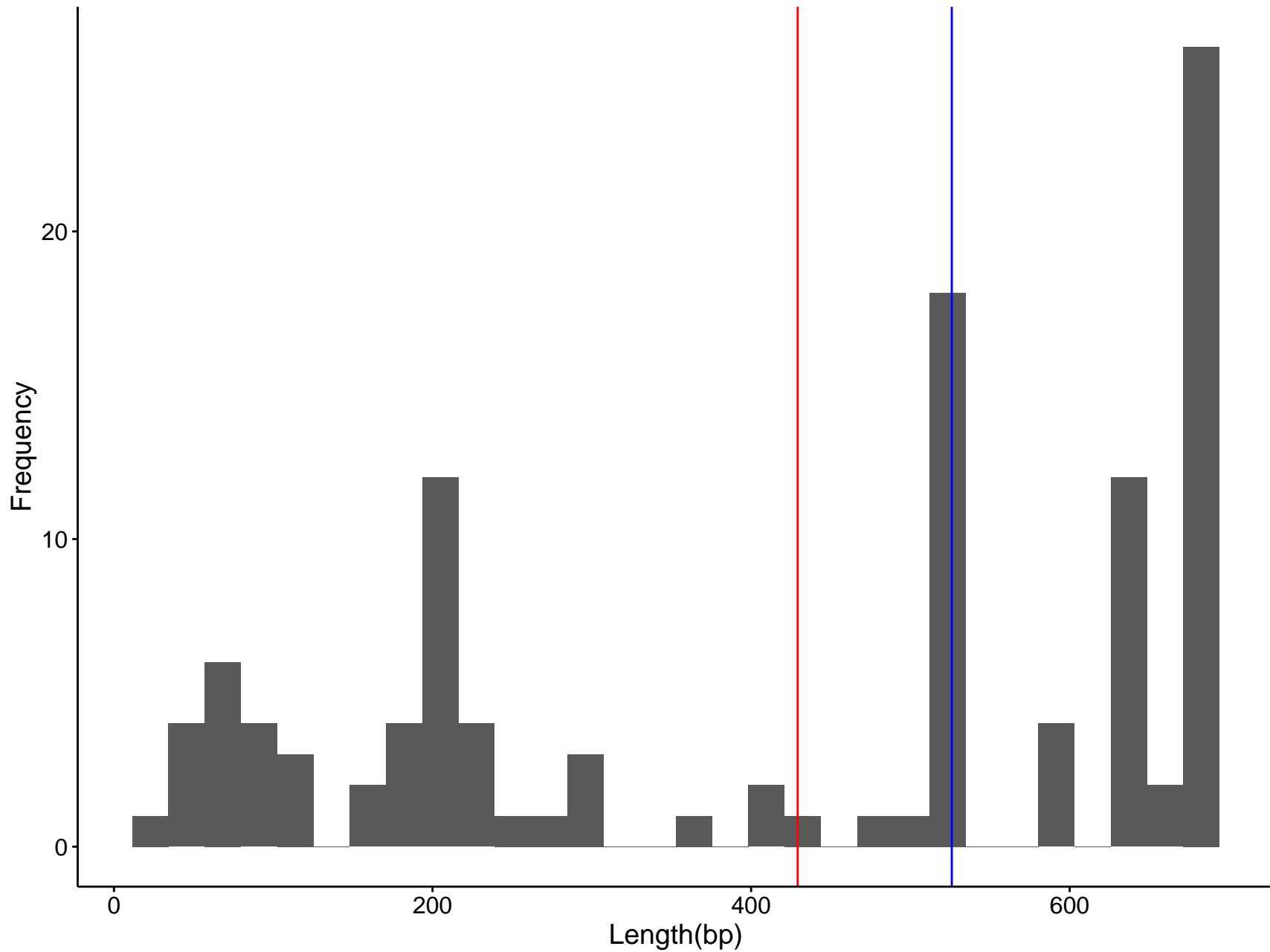
Cluster732



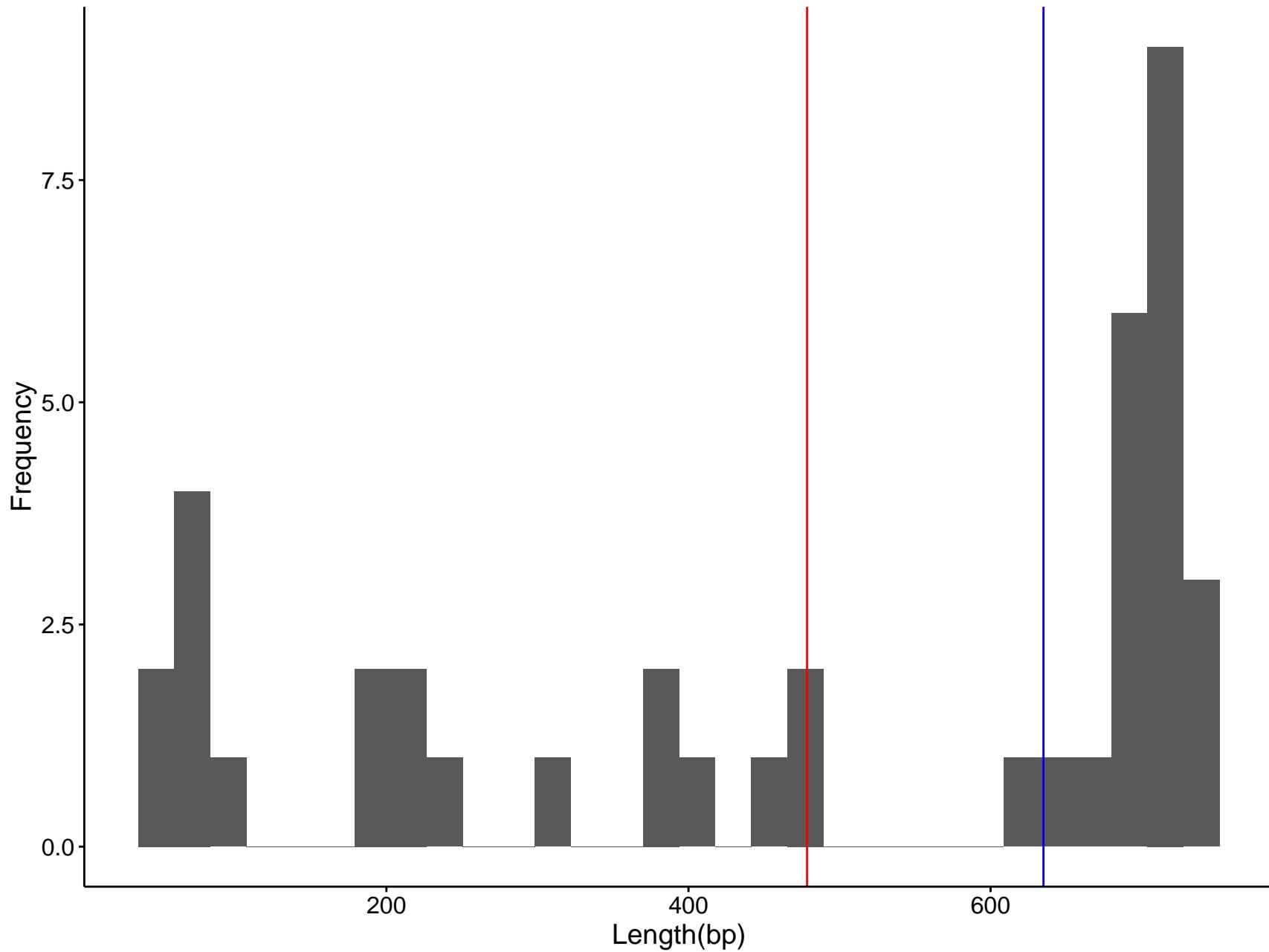
Cluster733



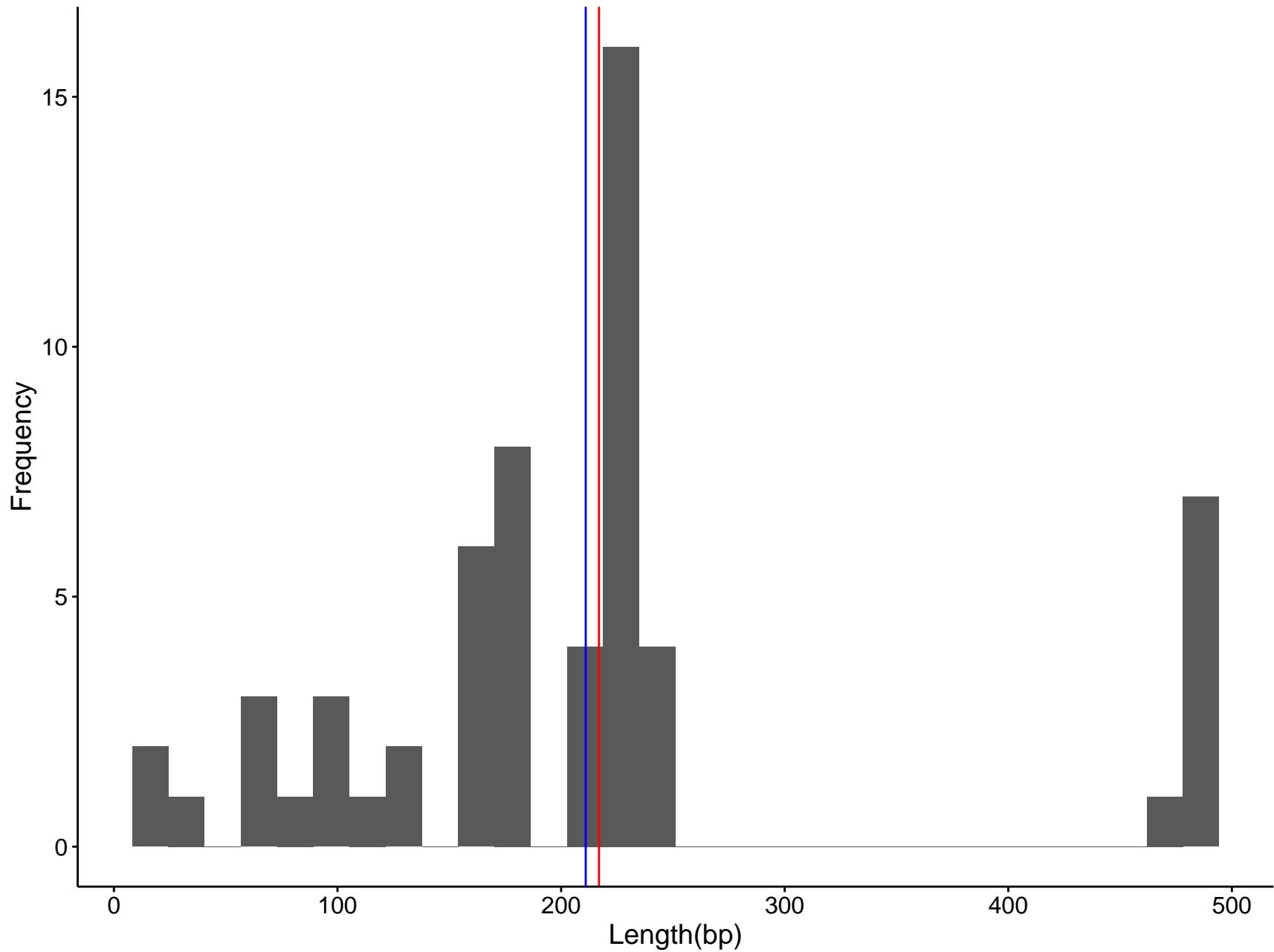
Cluster734



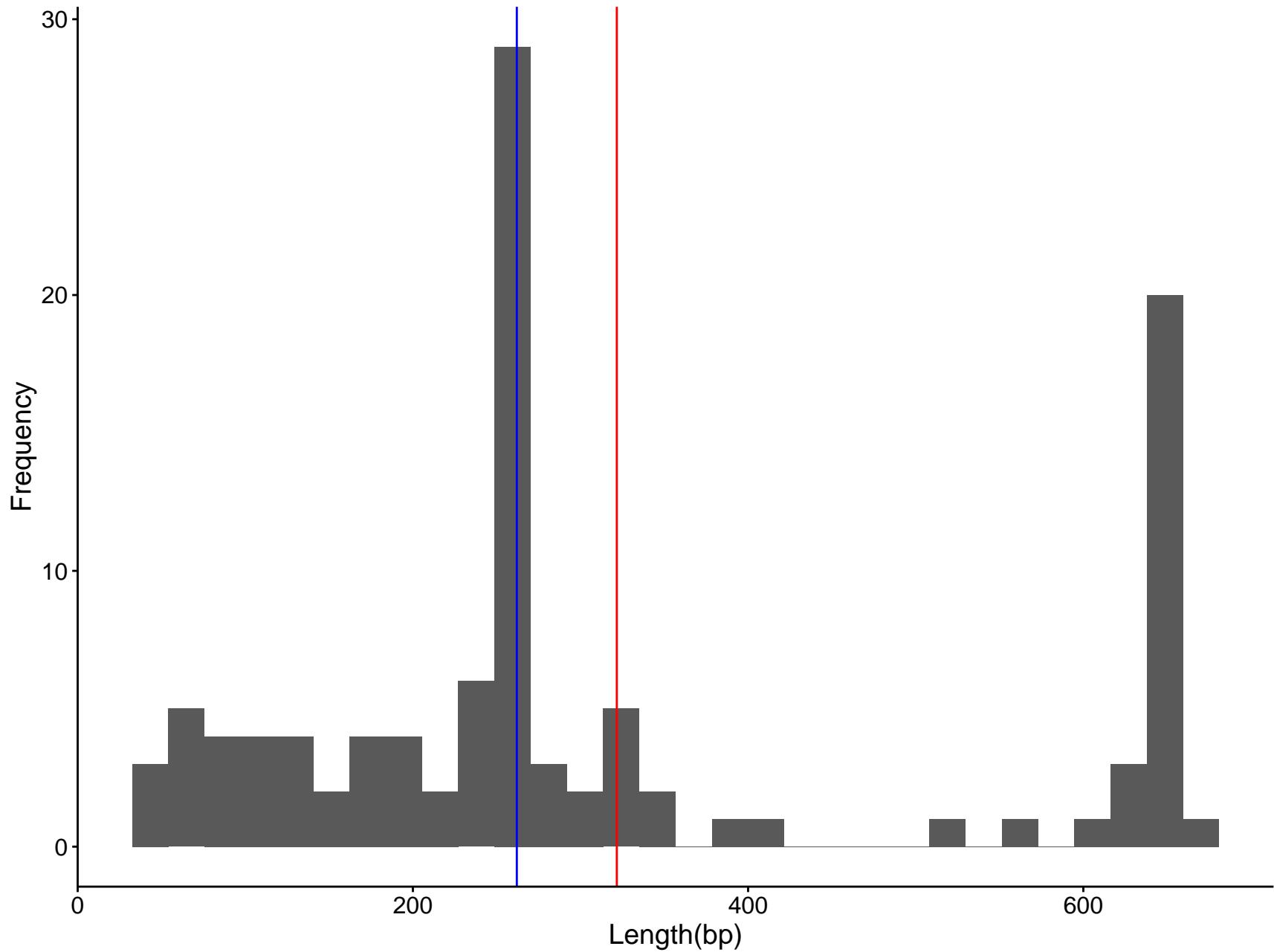
Cluster735



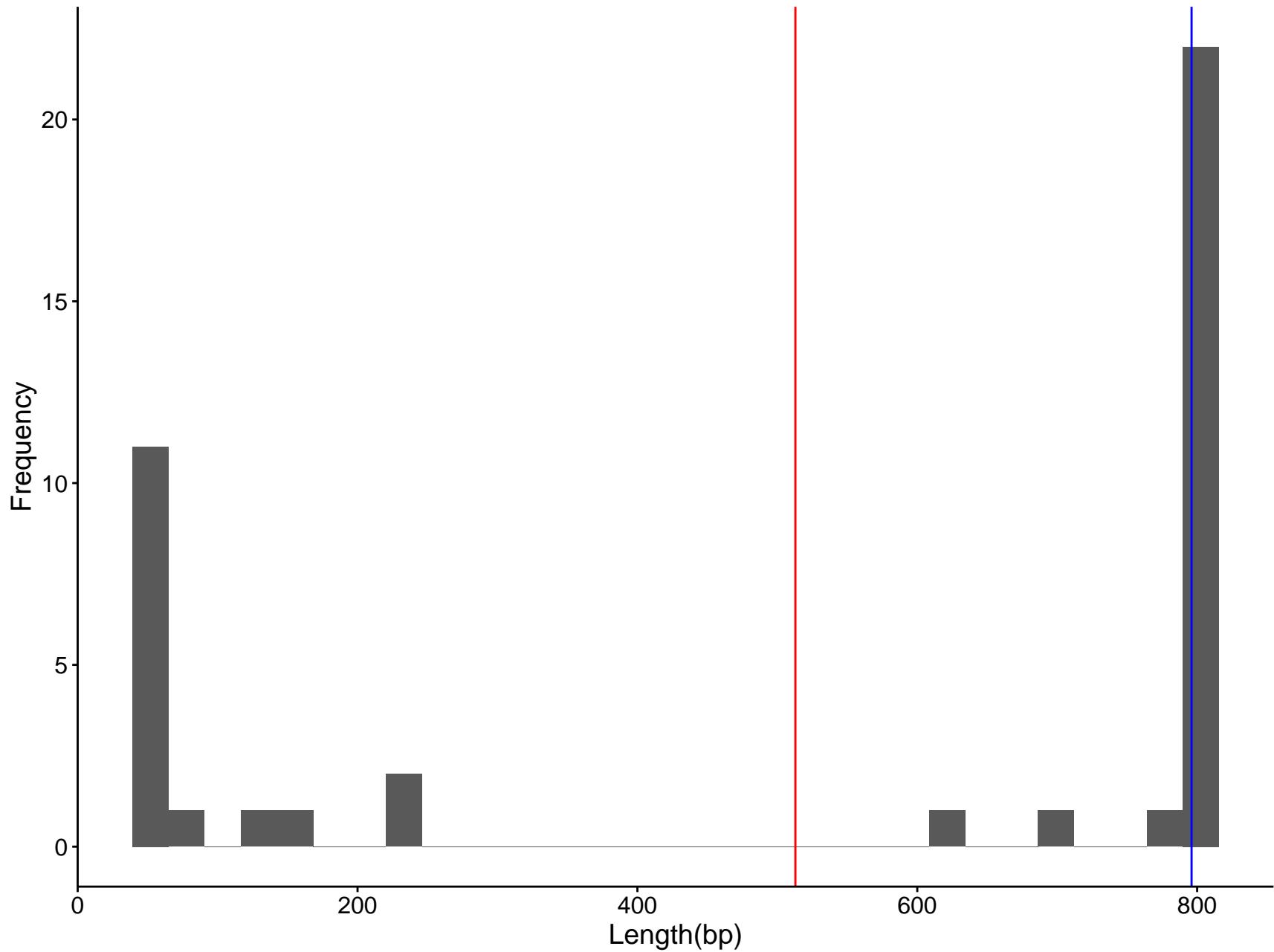
Cluster736



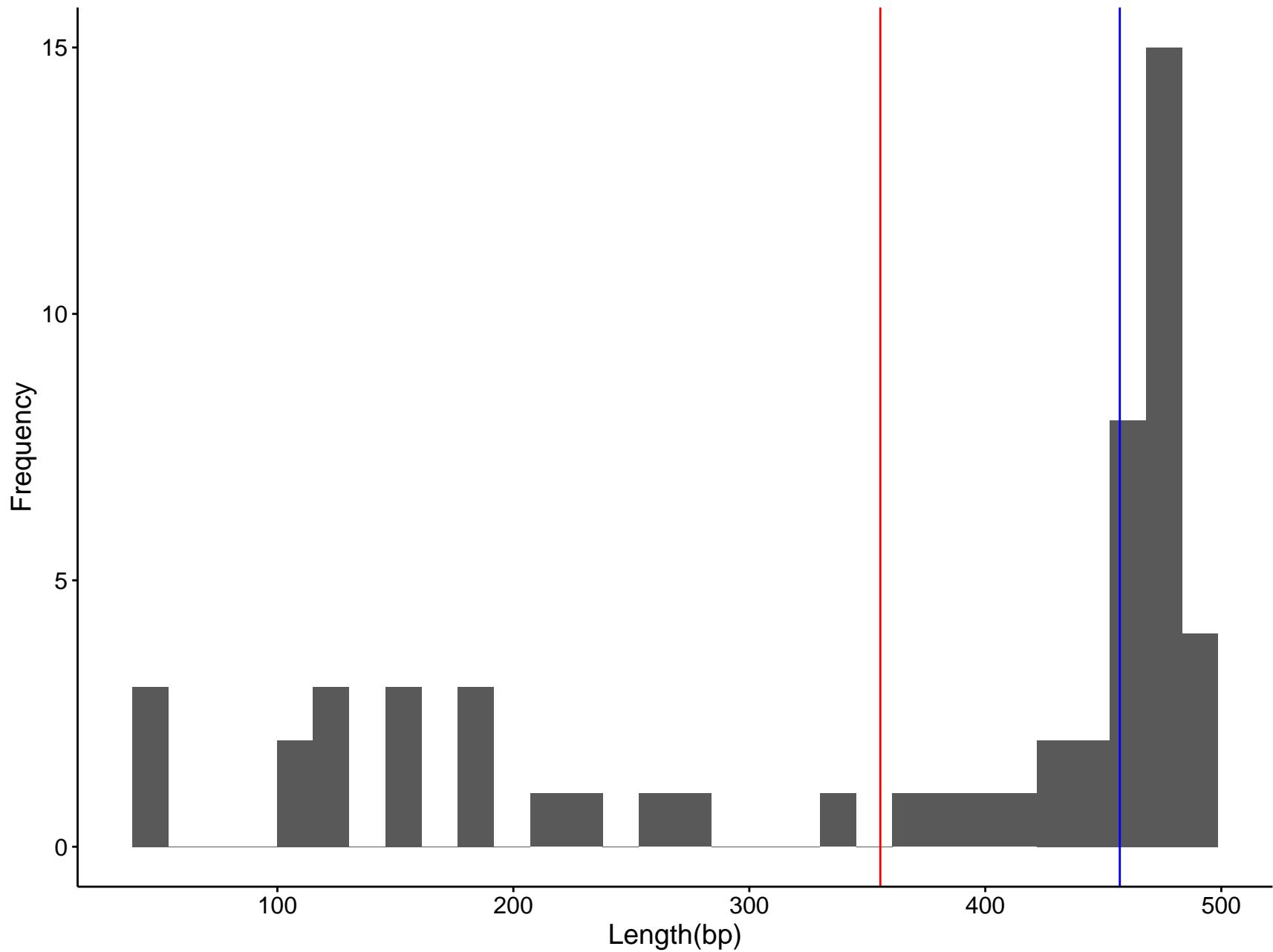
Cluster737

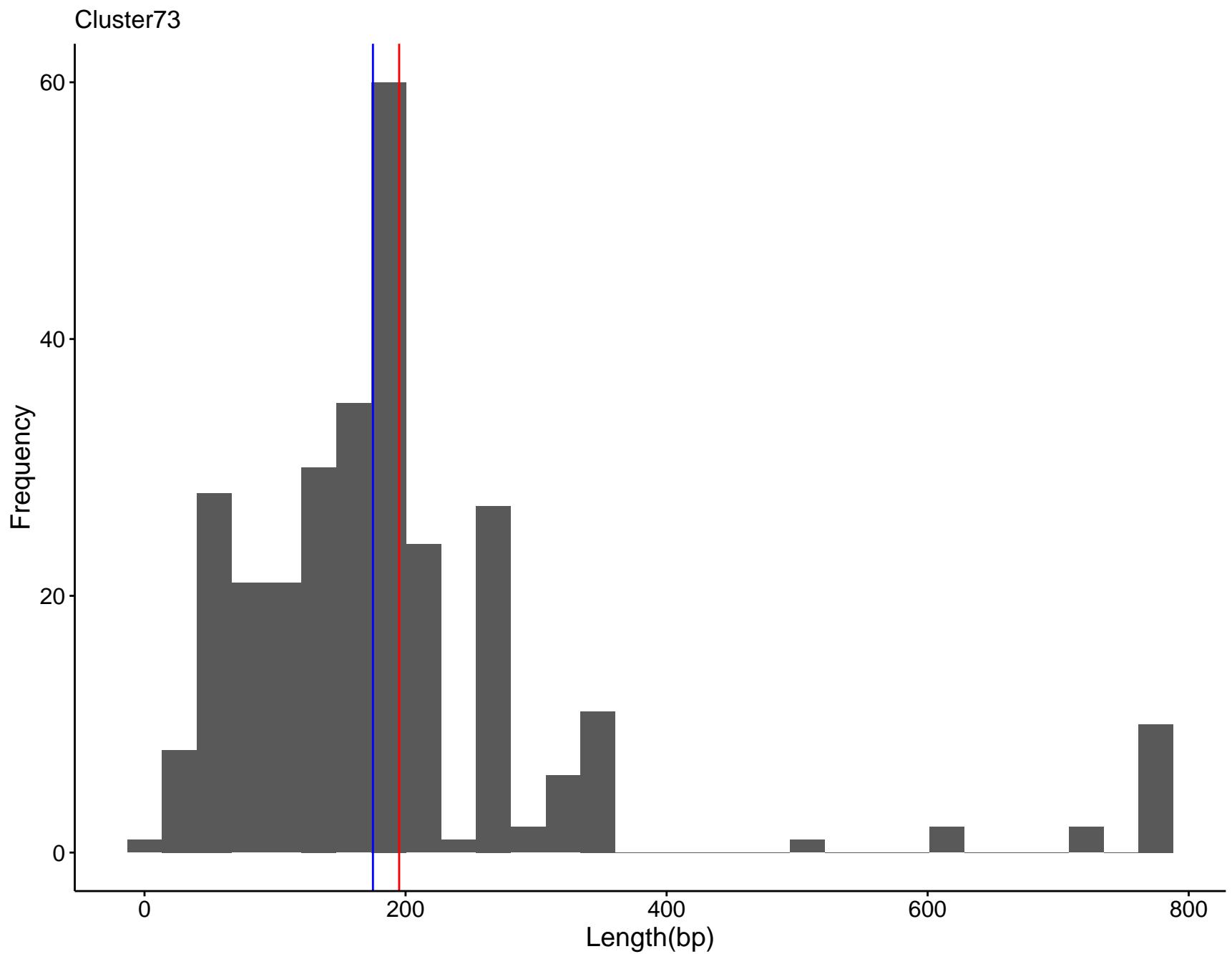


Cluster738

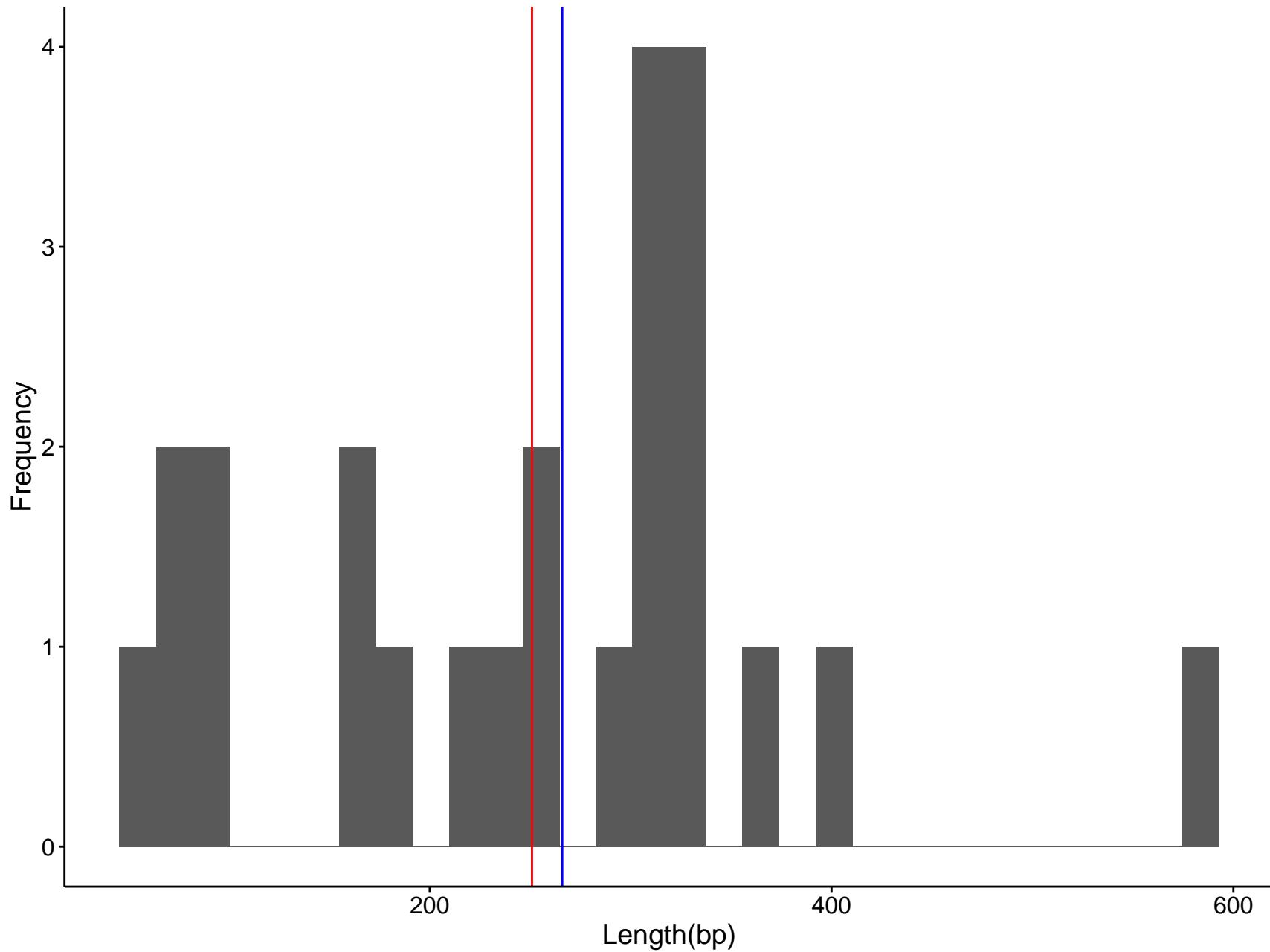


Cluster739

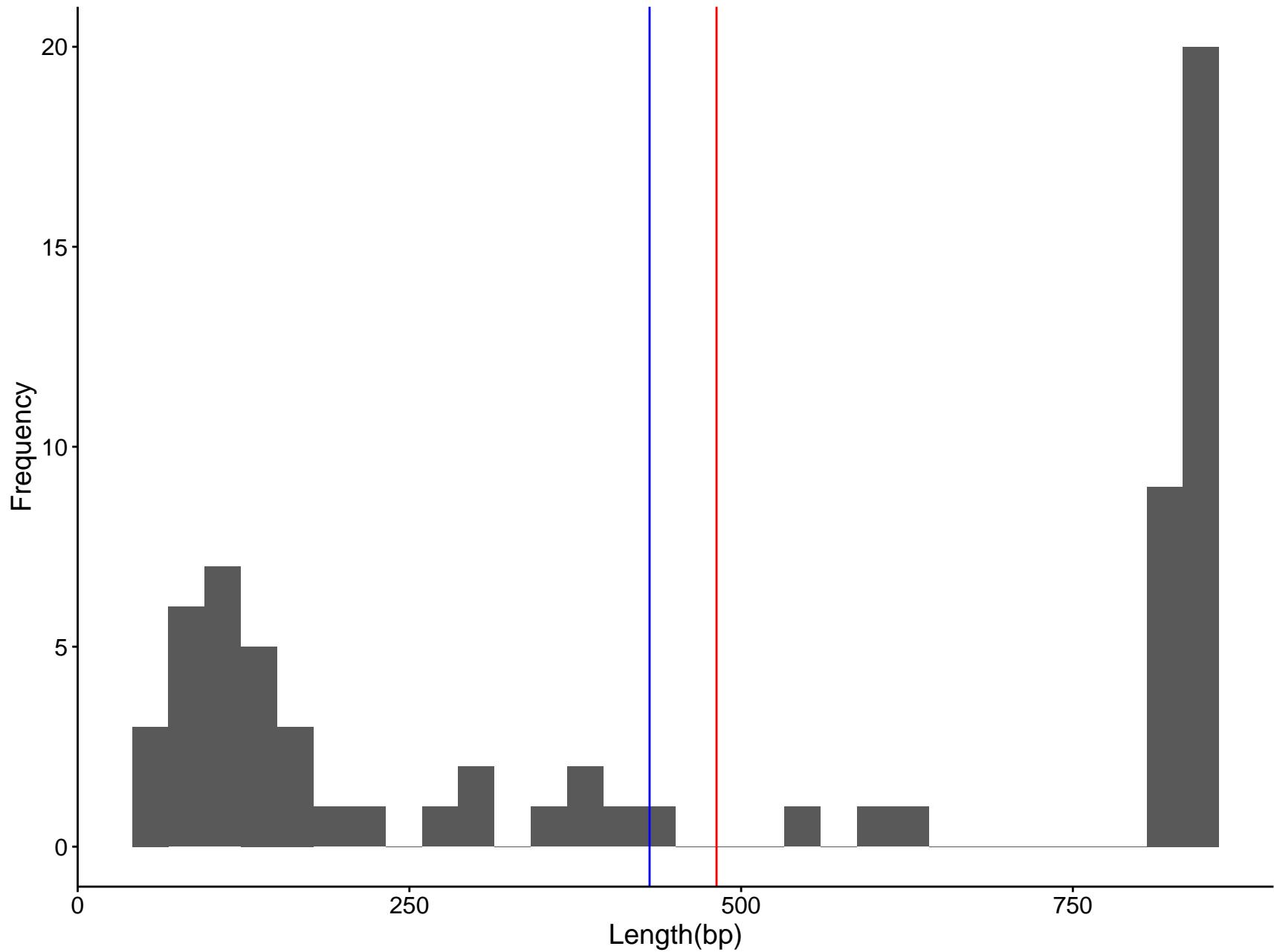




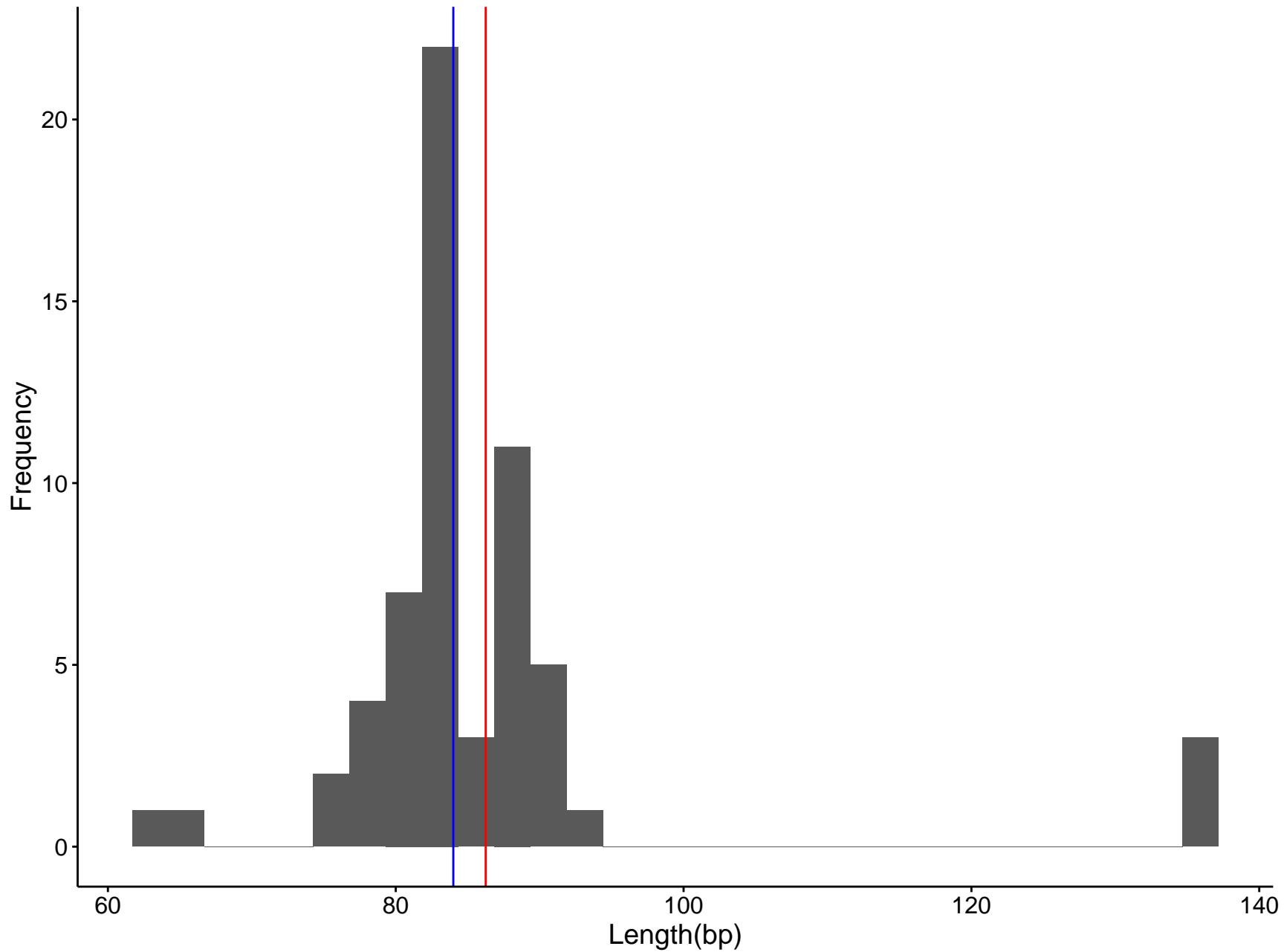
Cluster740



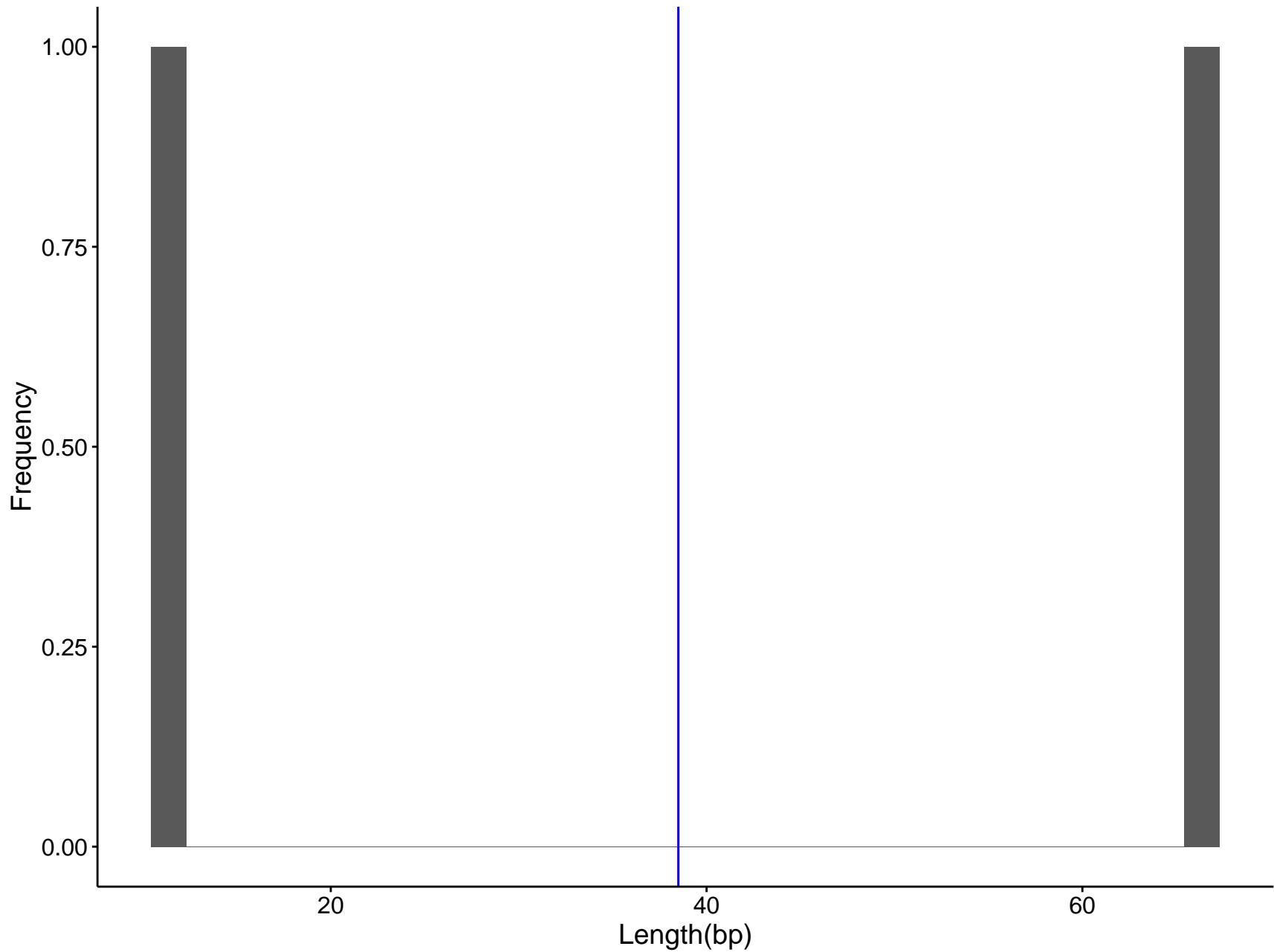
Cluster741



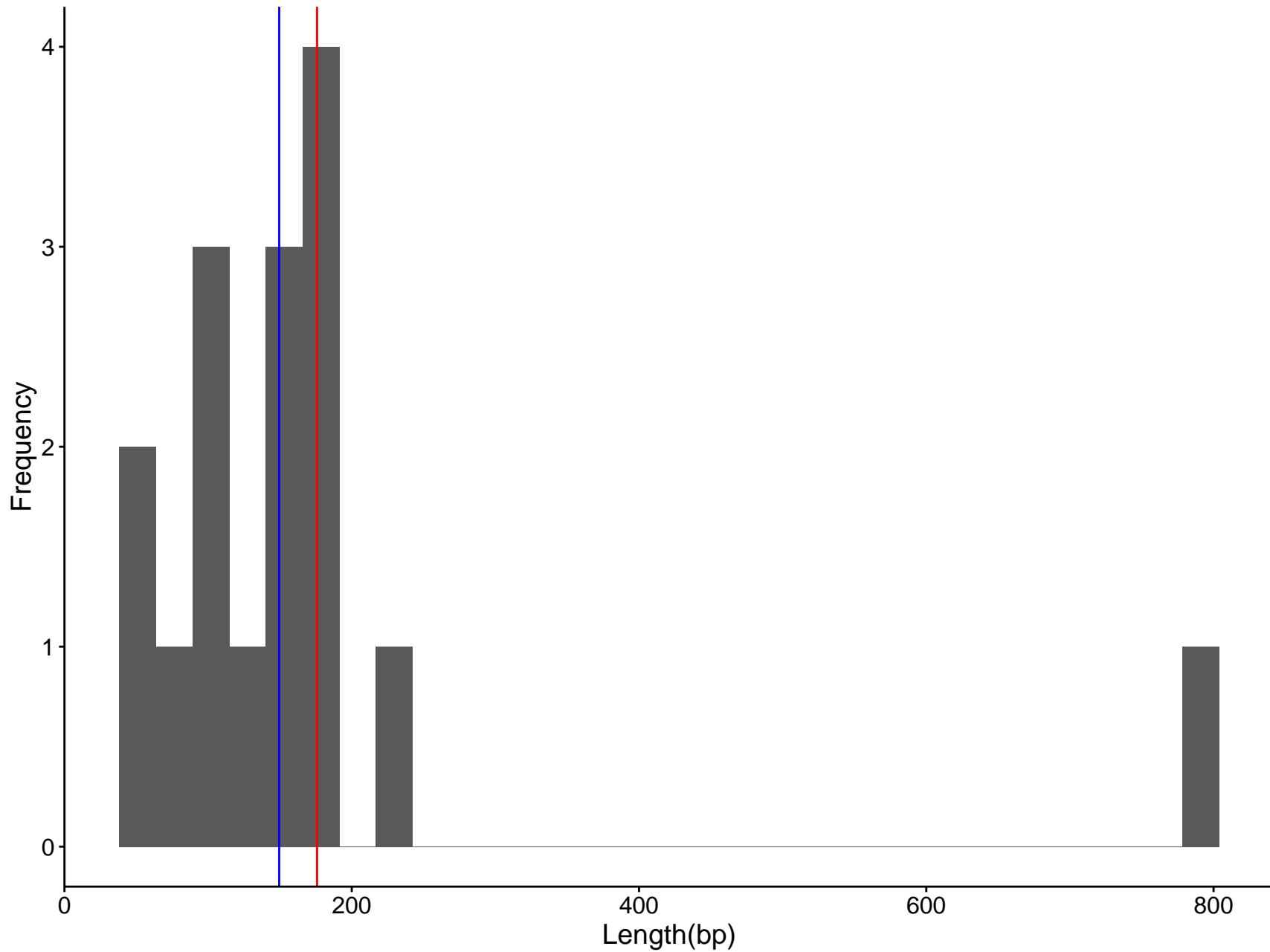
Cluster742



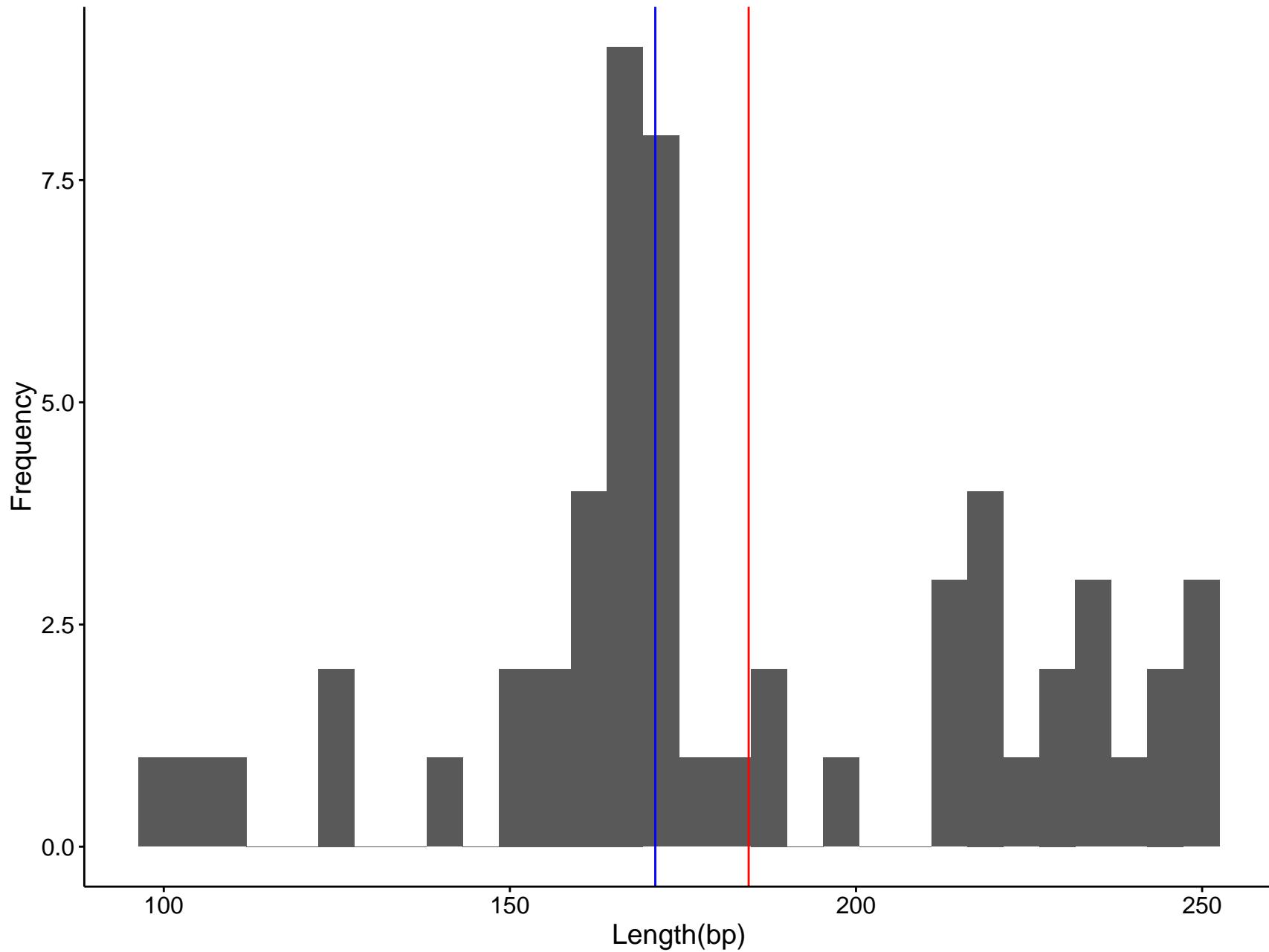
Cluster744



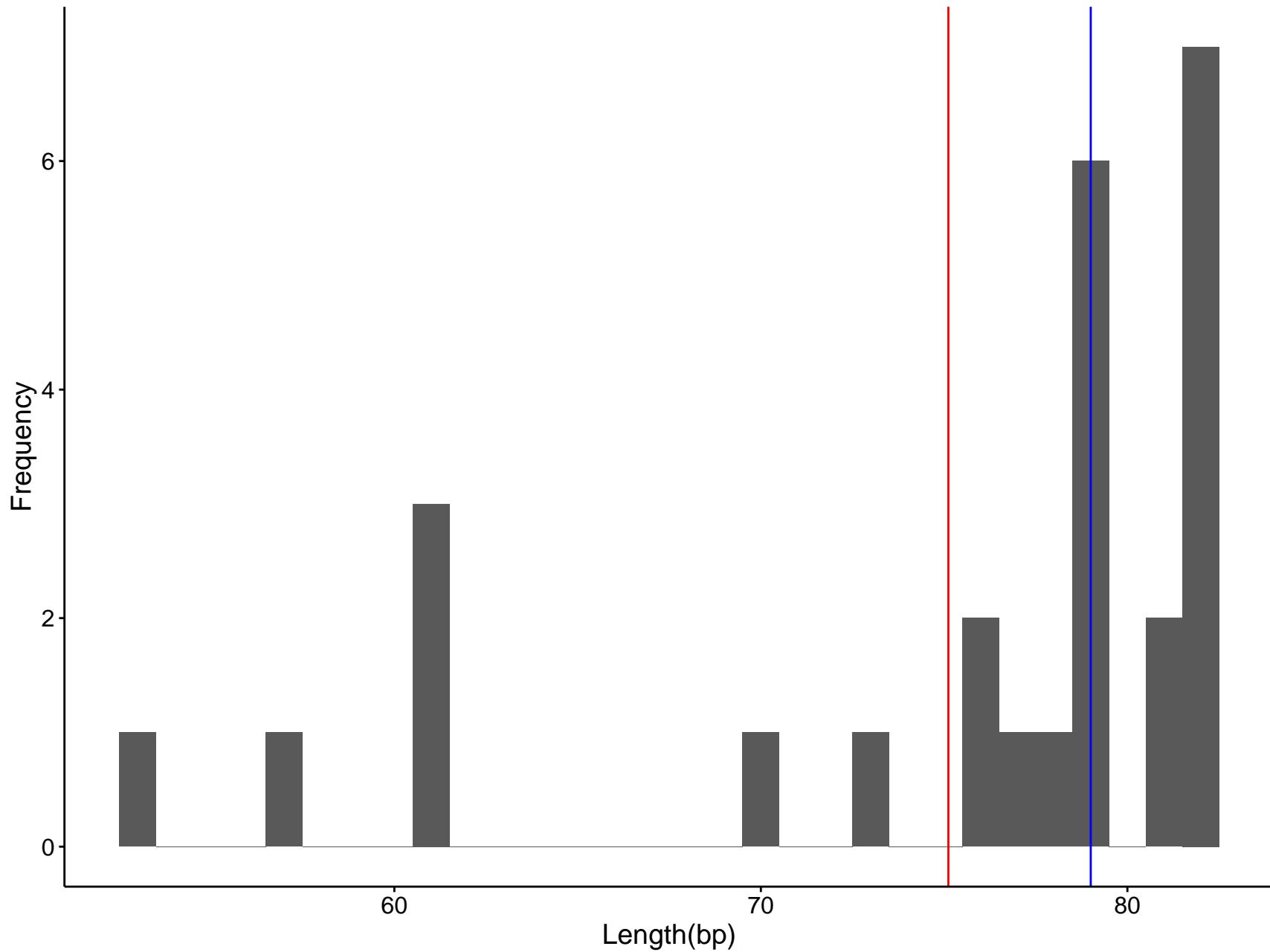
Cluster745



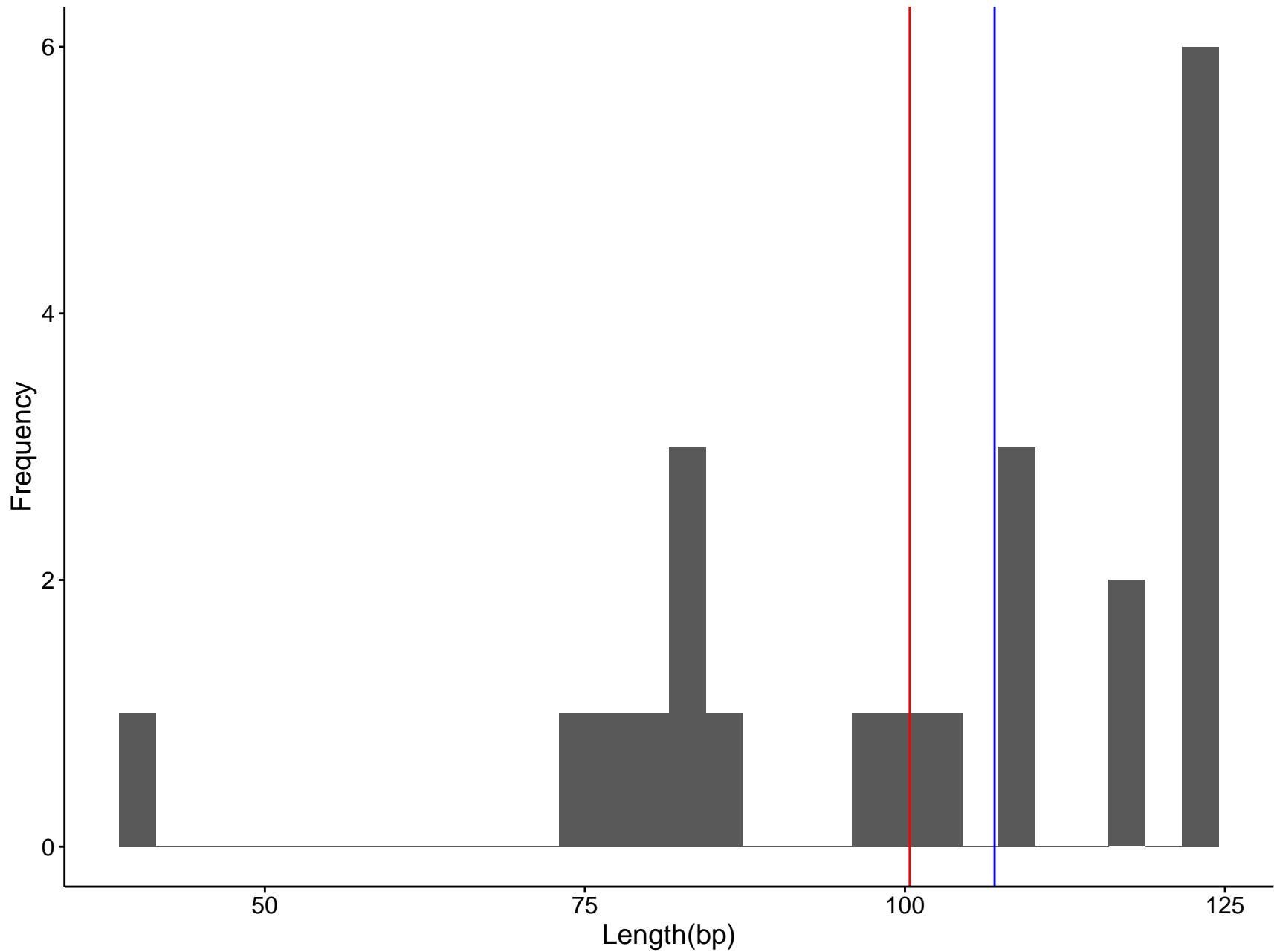
Cluster746



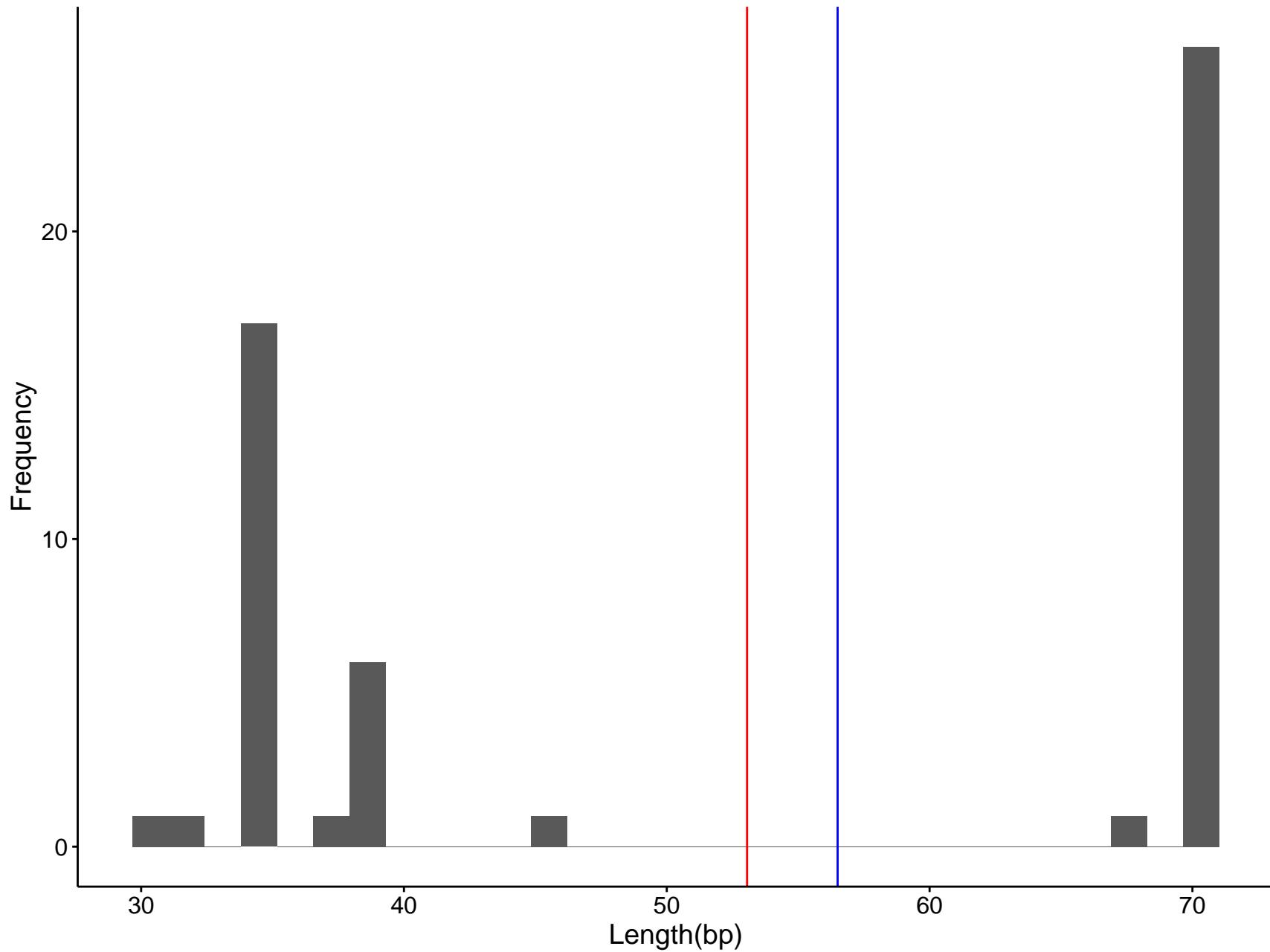
Cluster747



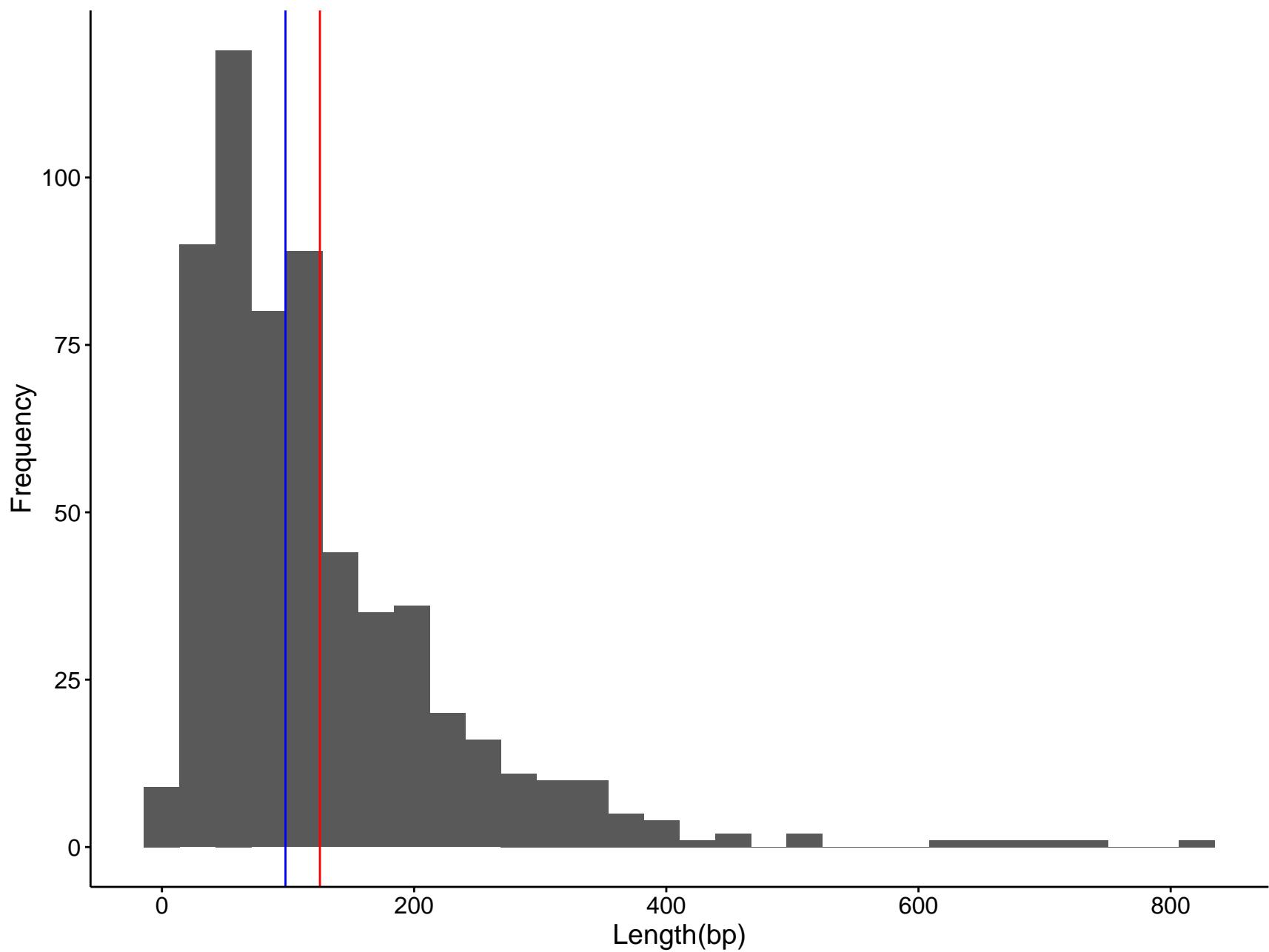
Cluster748



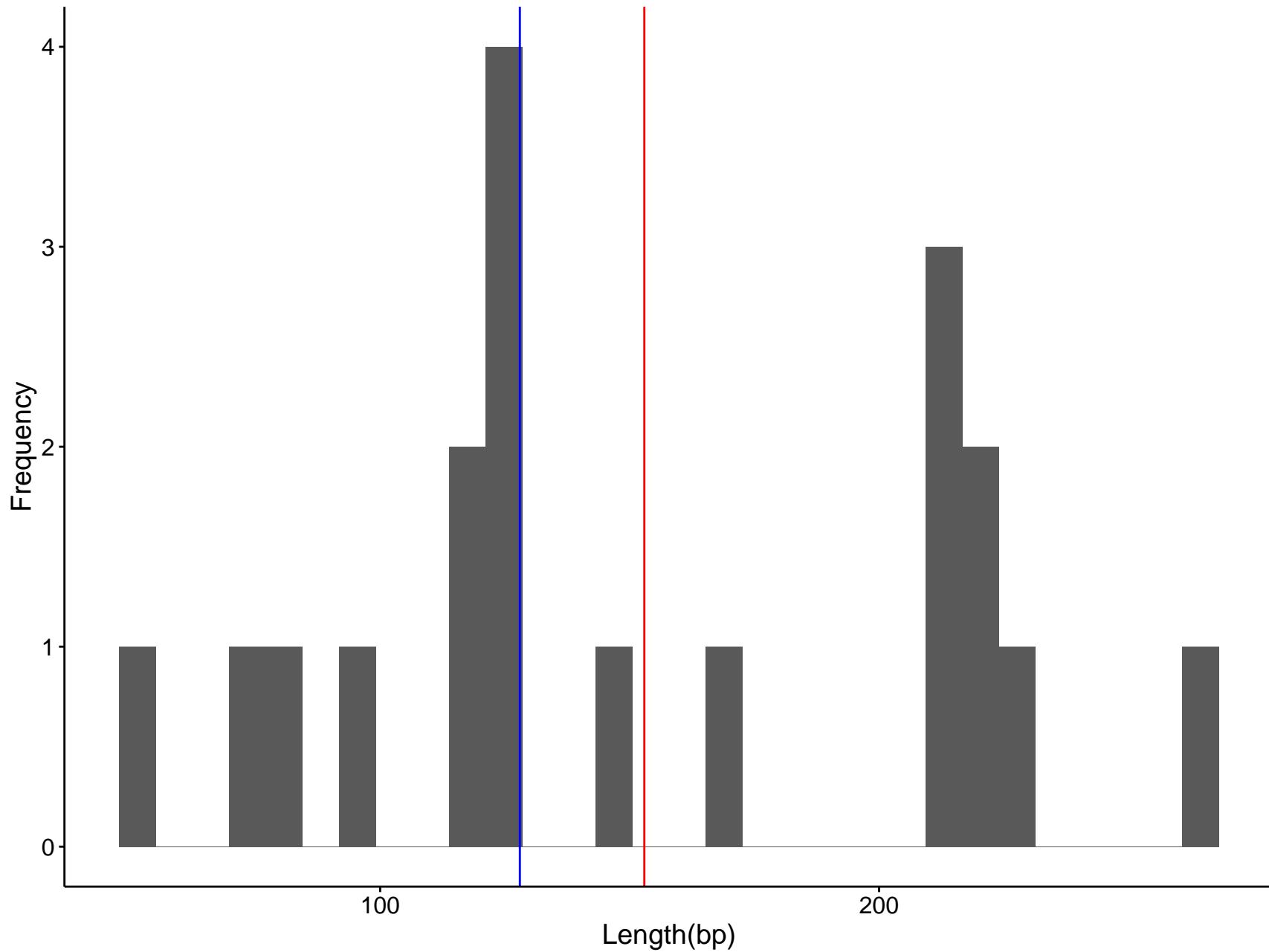
Cluster750



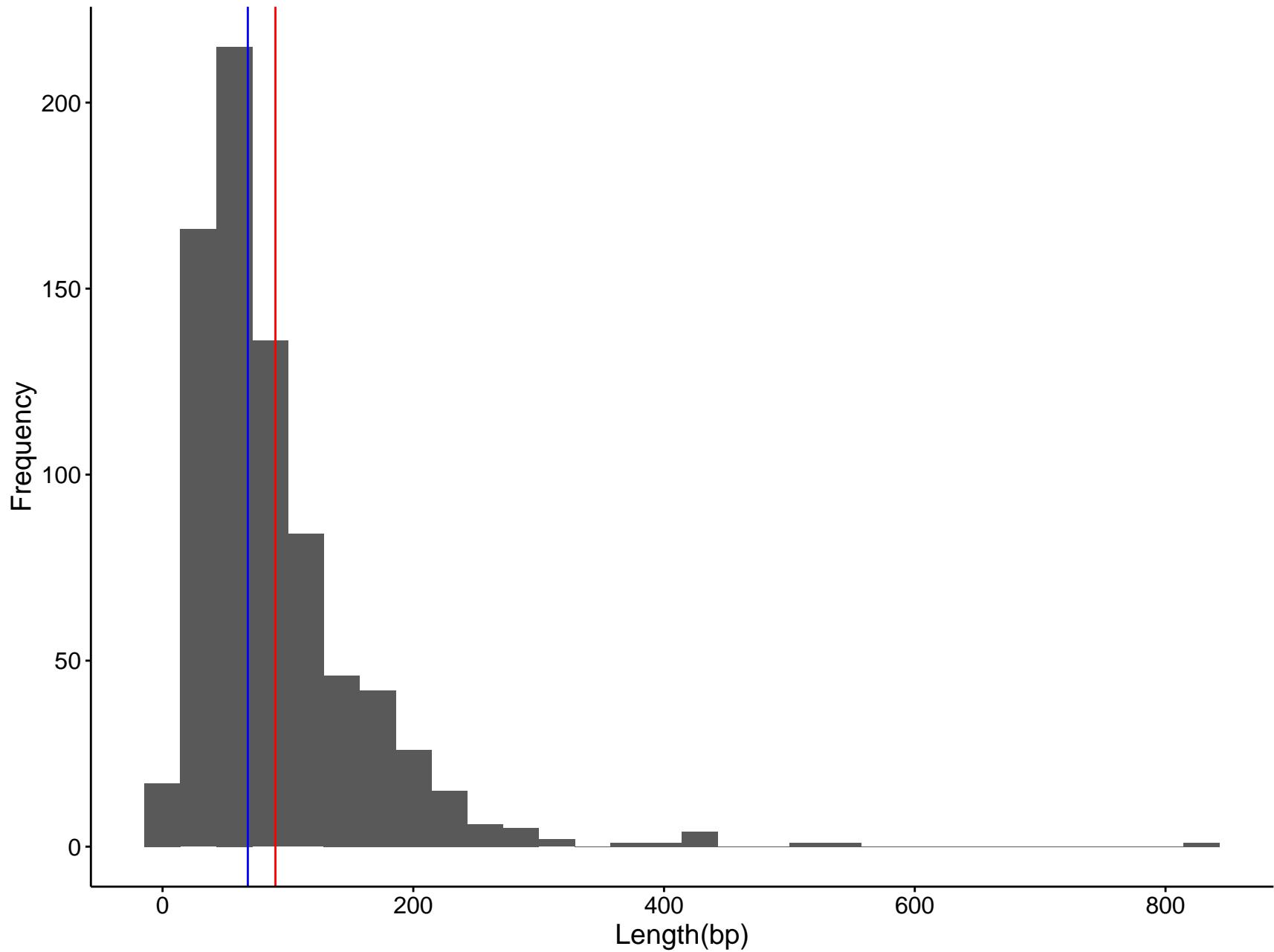
Cluster751



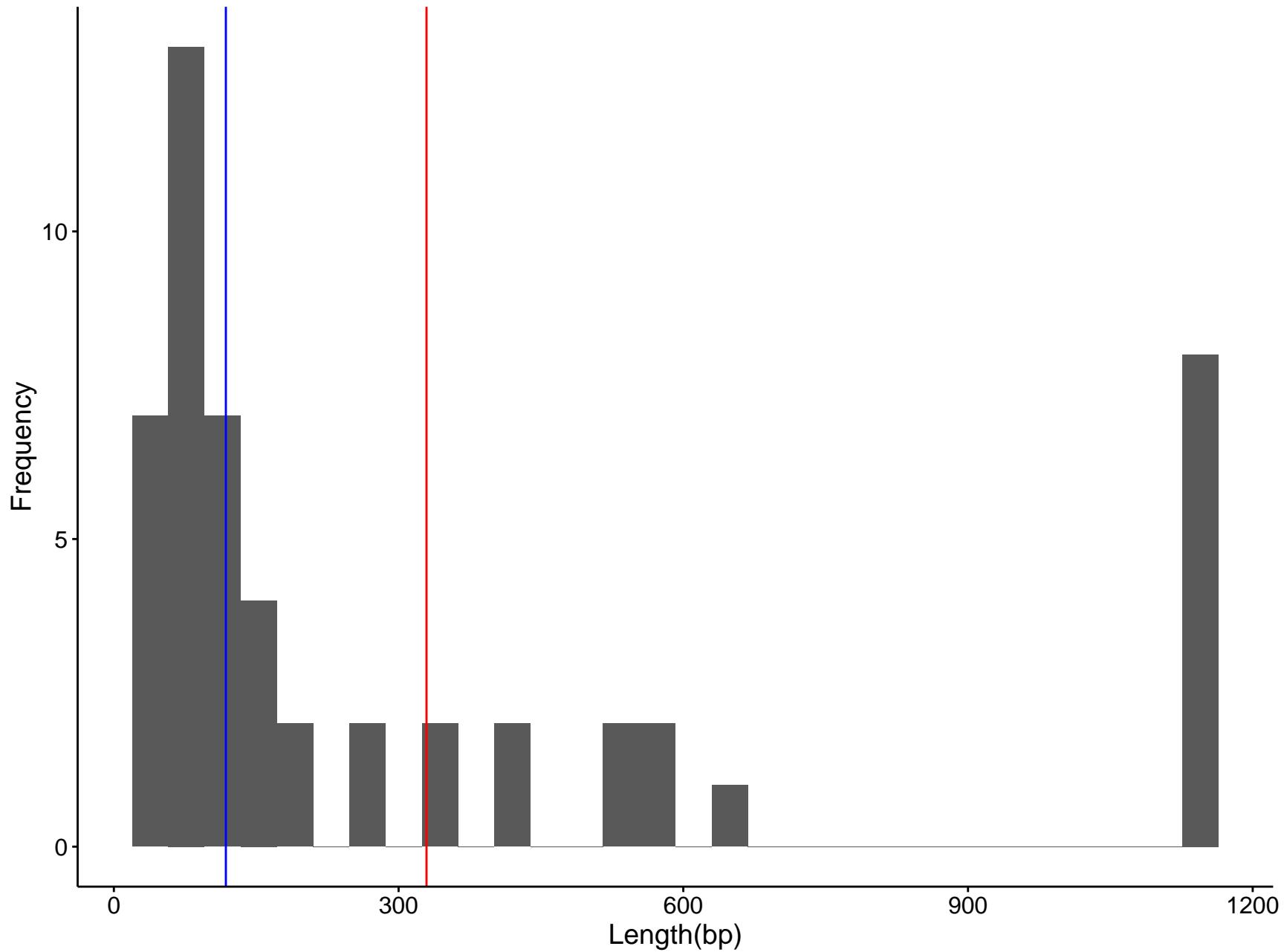
Cluster752



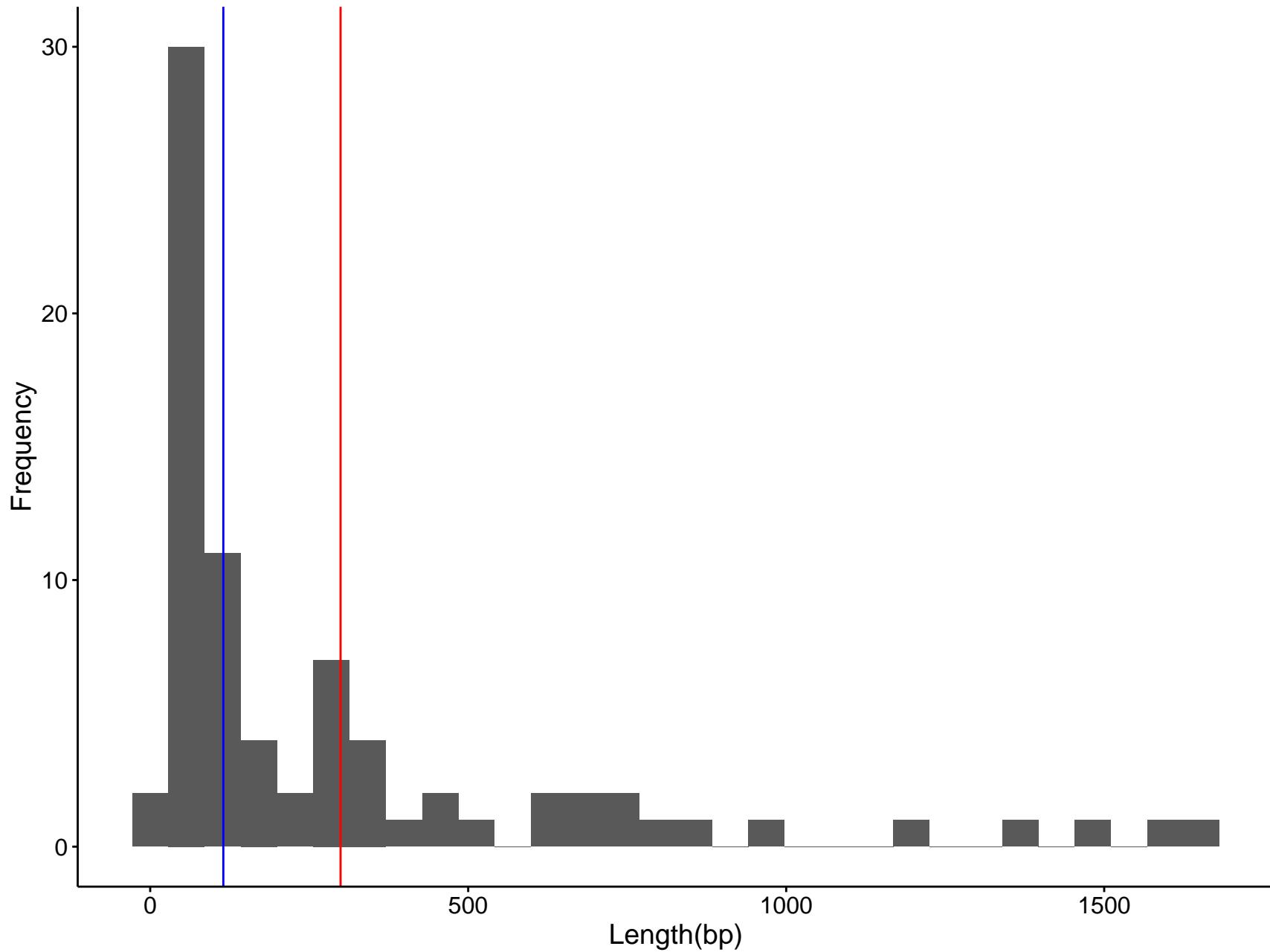
Cluster754



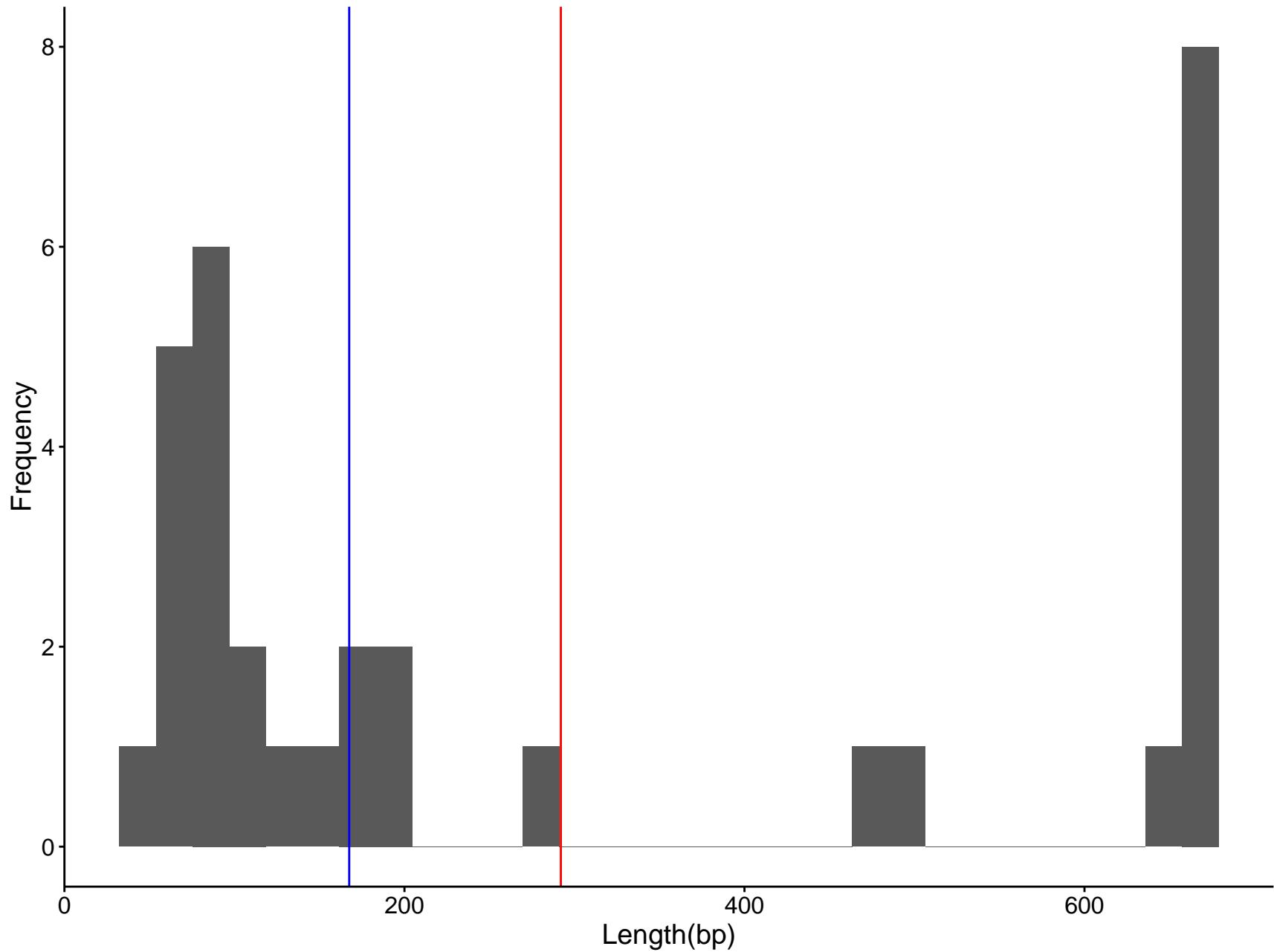
Cluster755



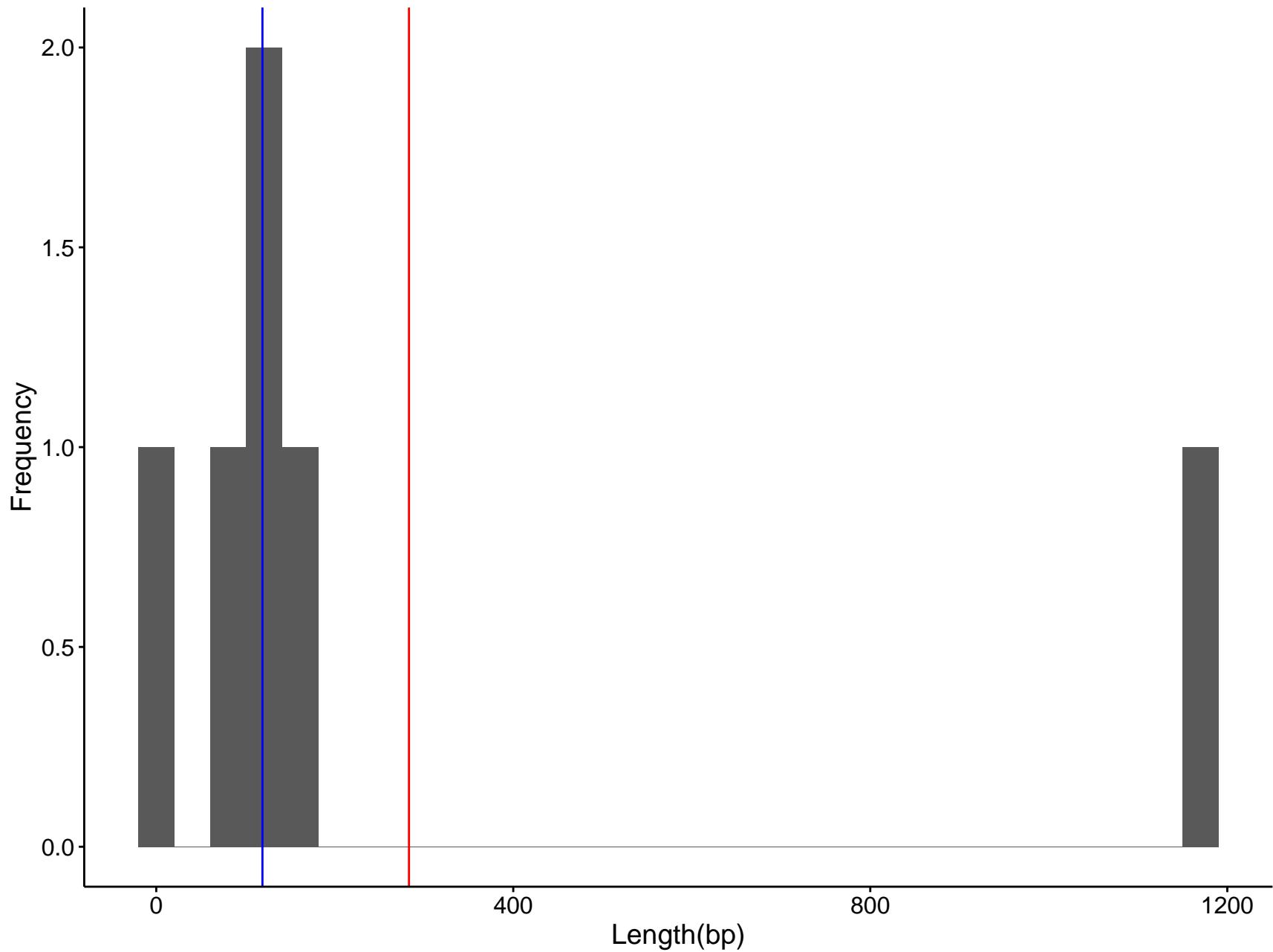
Cluster757



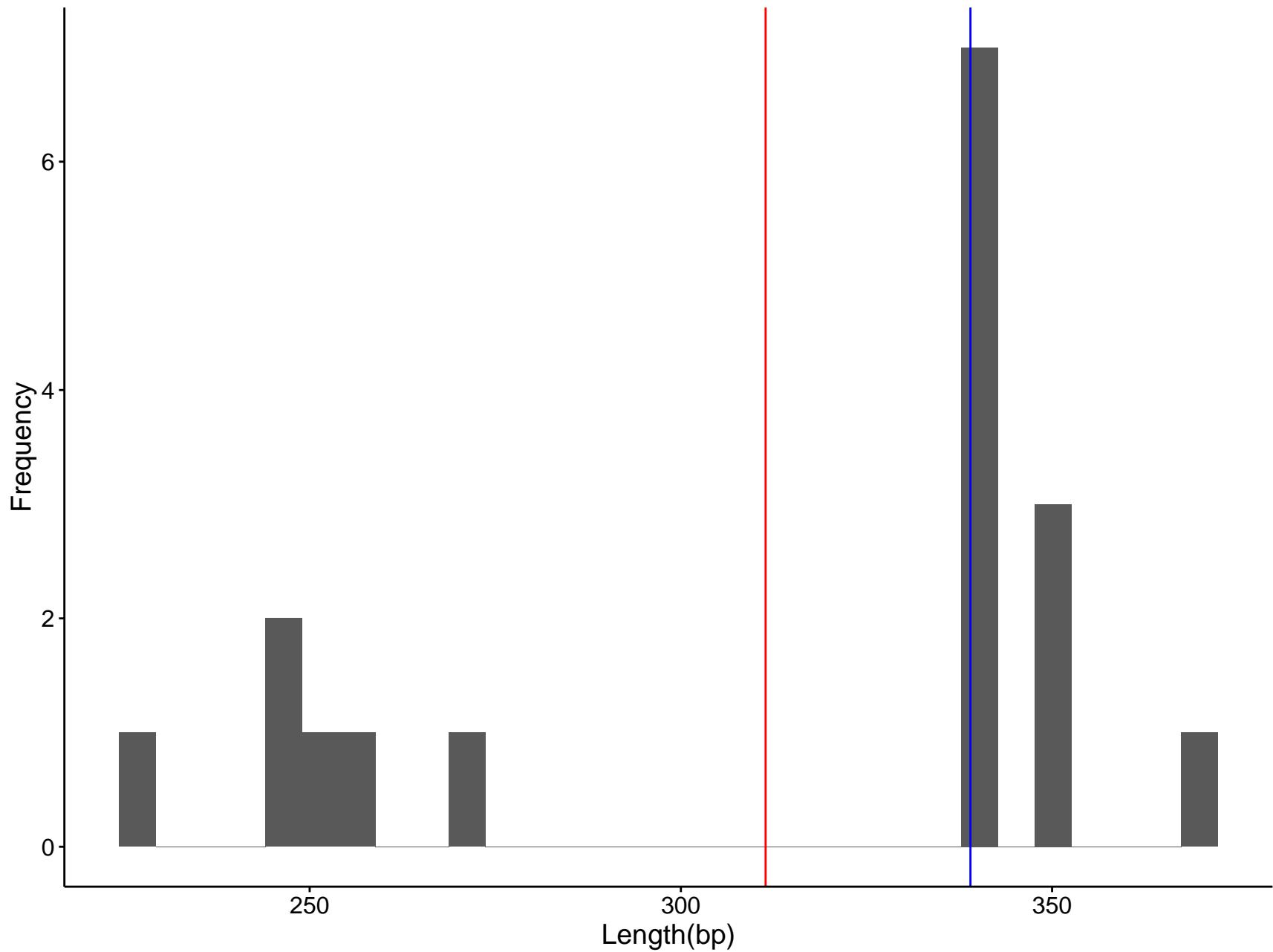
Cluster758



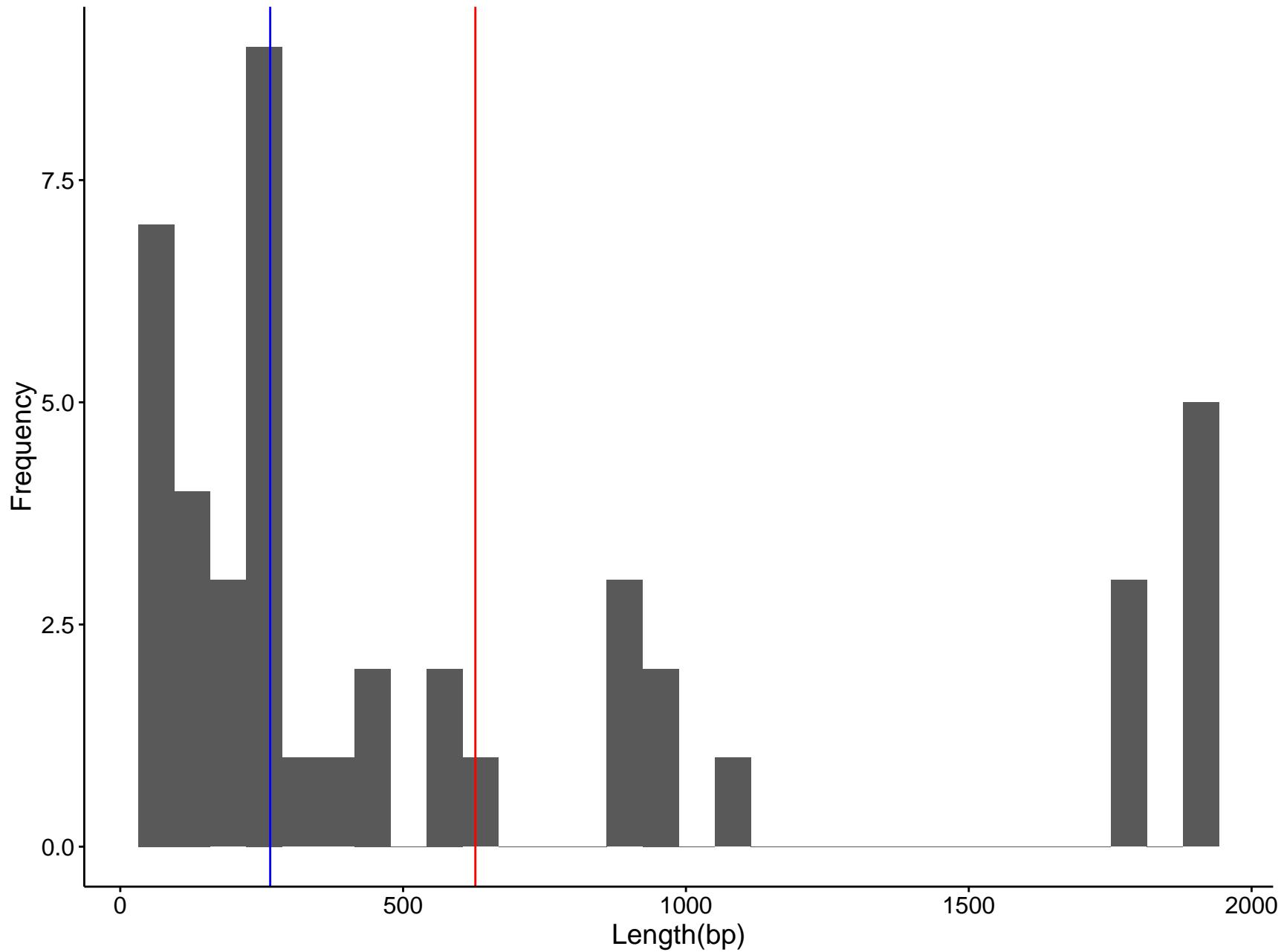
Cluster759



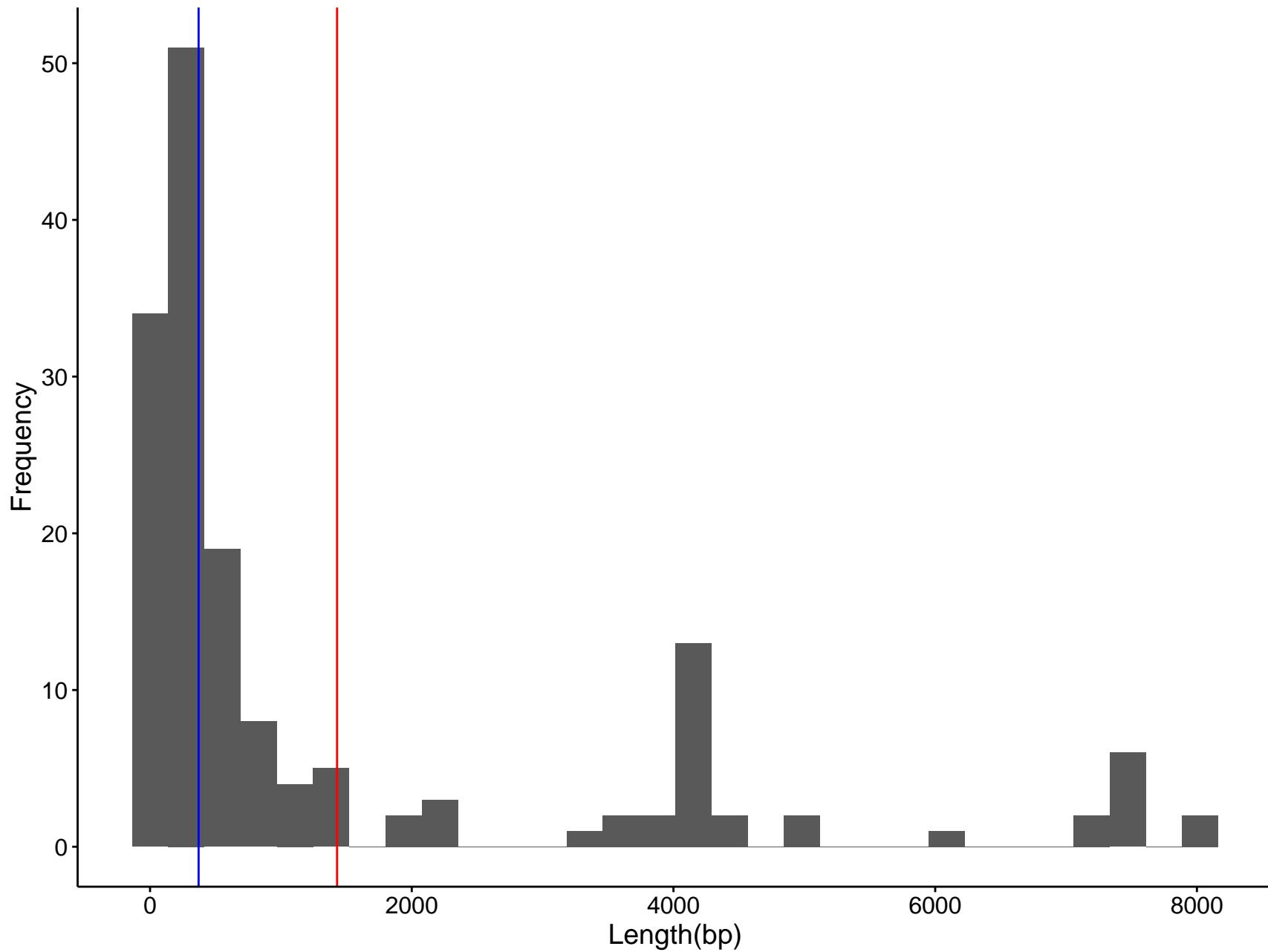
Cluster75



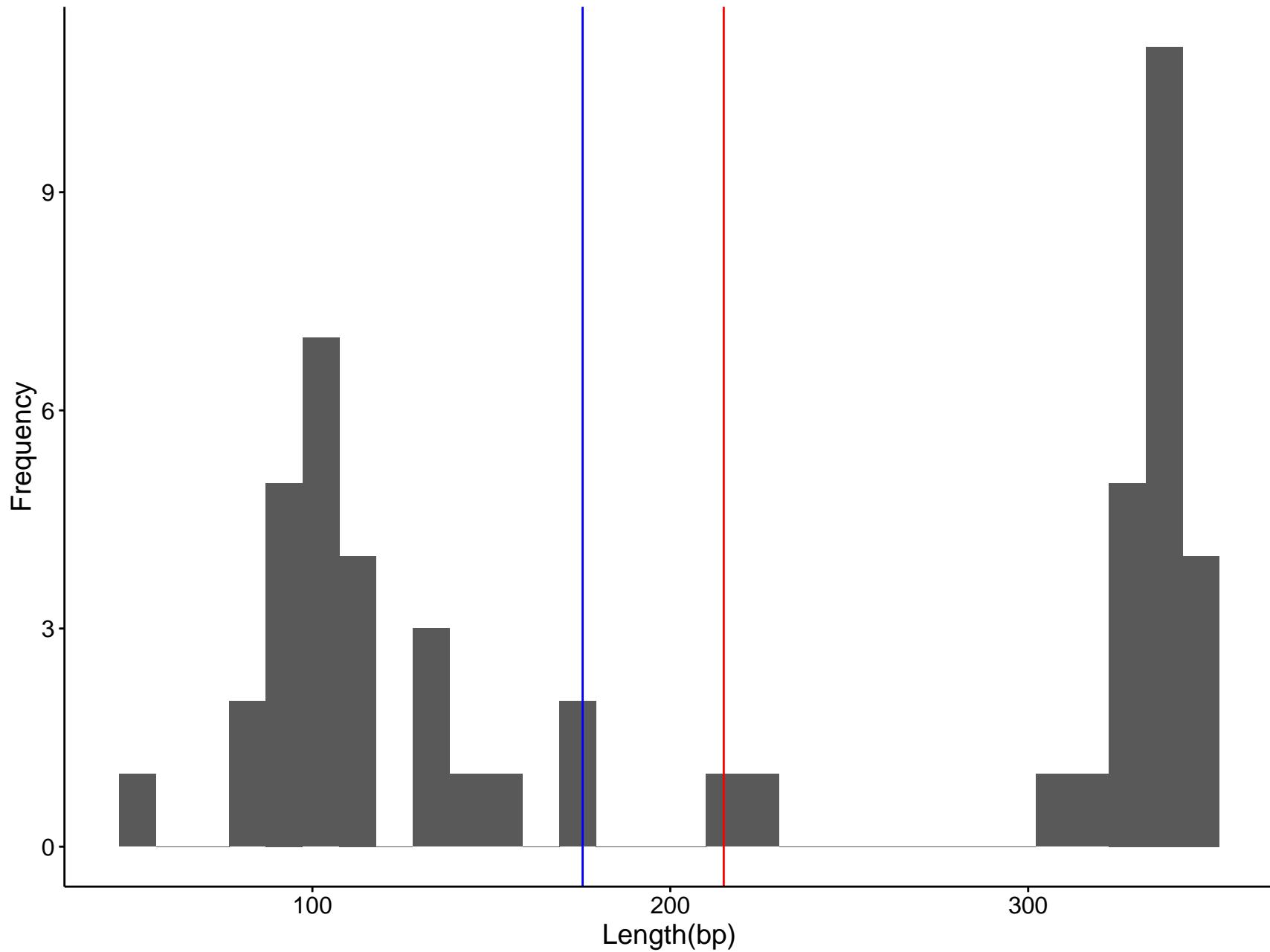
Cluster760



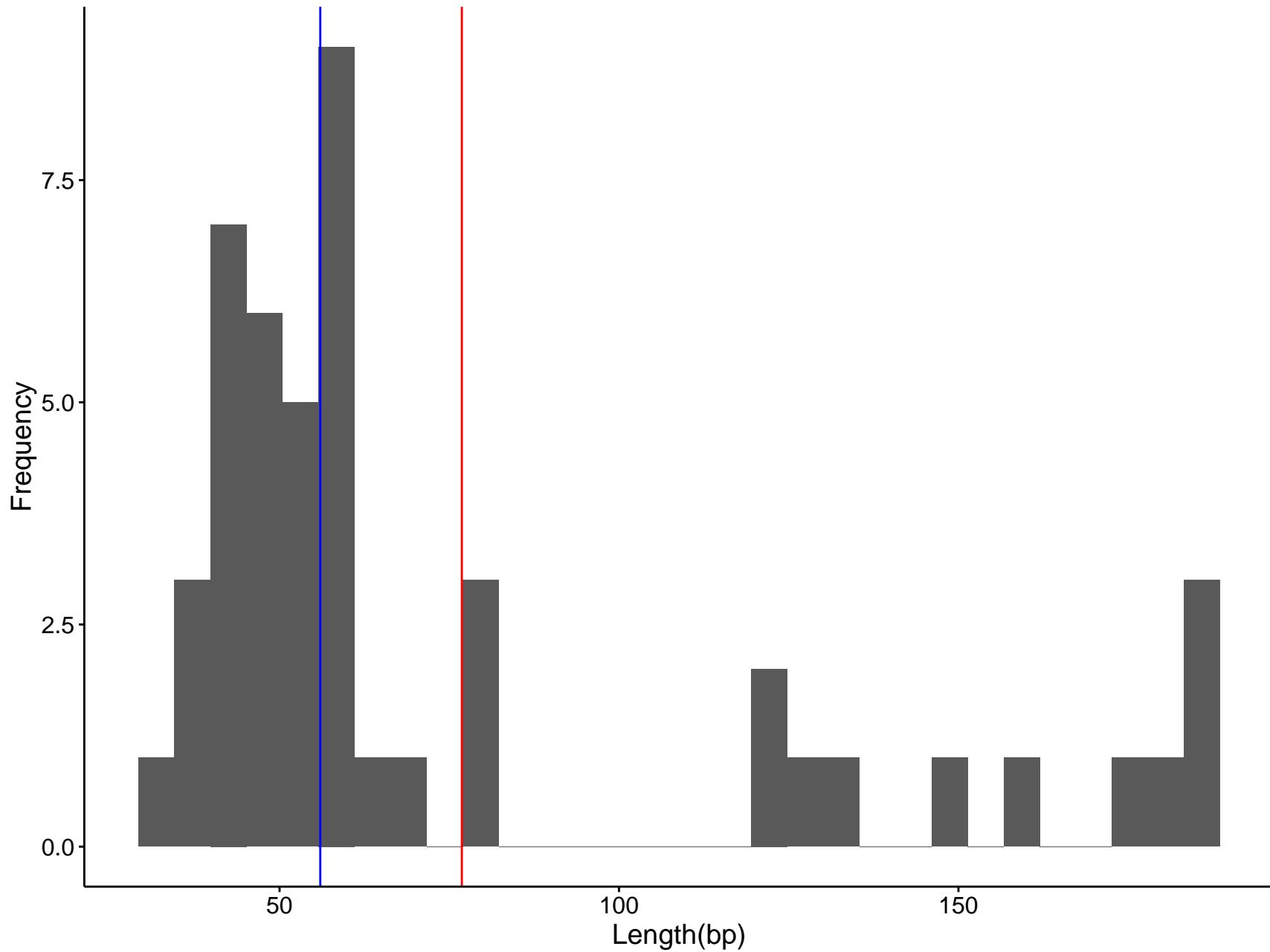
Cluster761



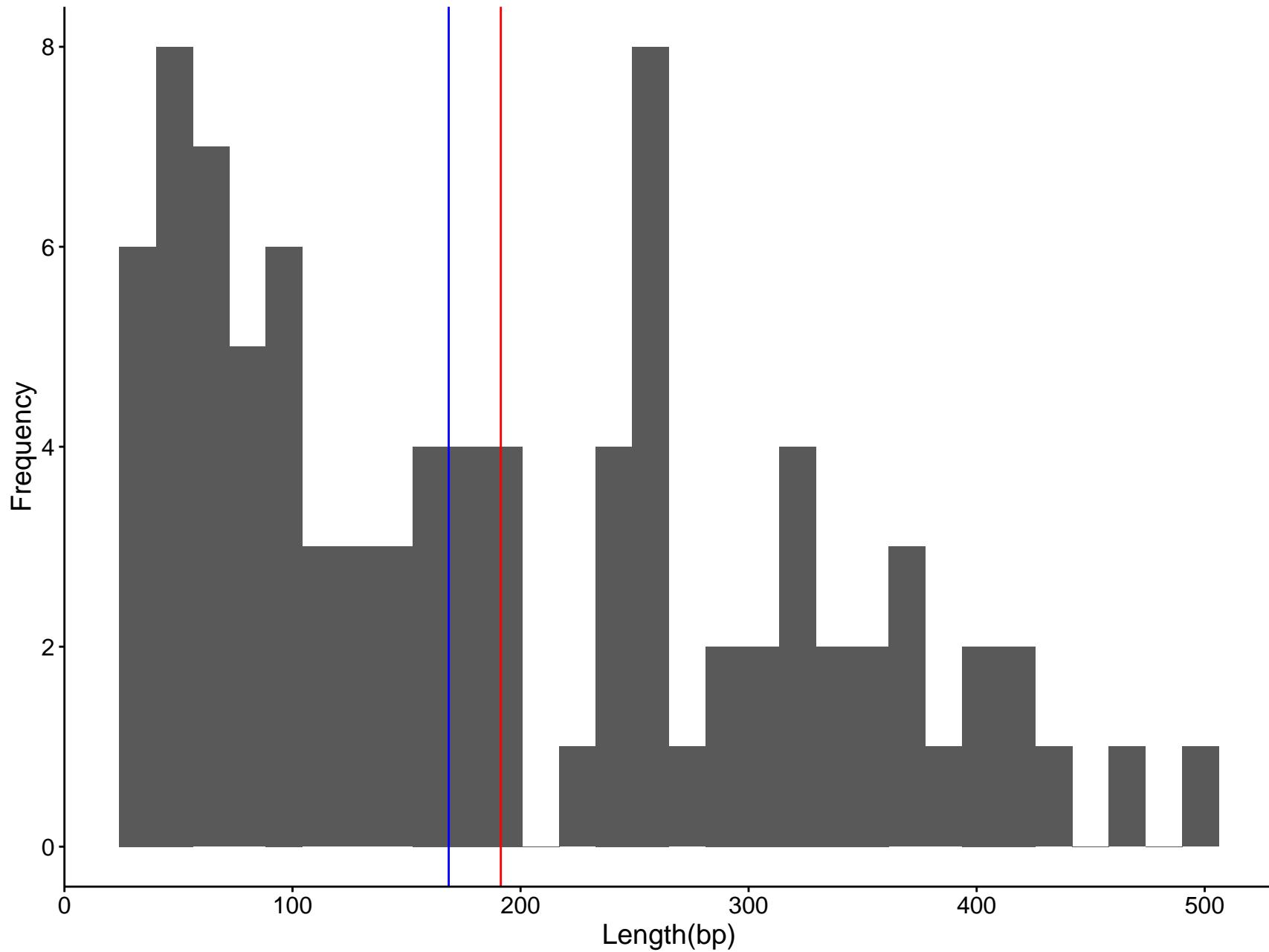
Cluster763



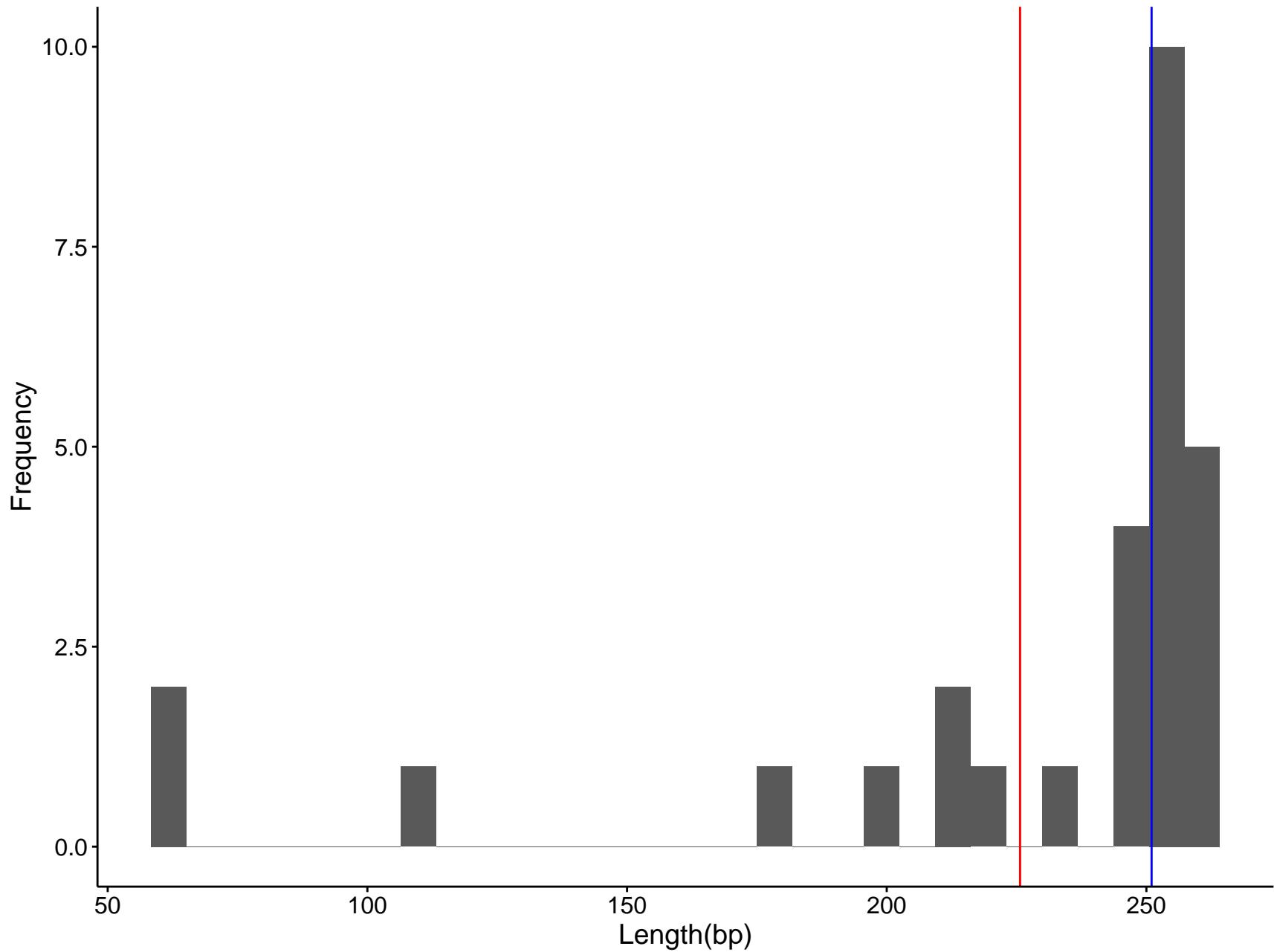
Cluster764



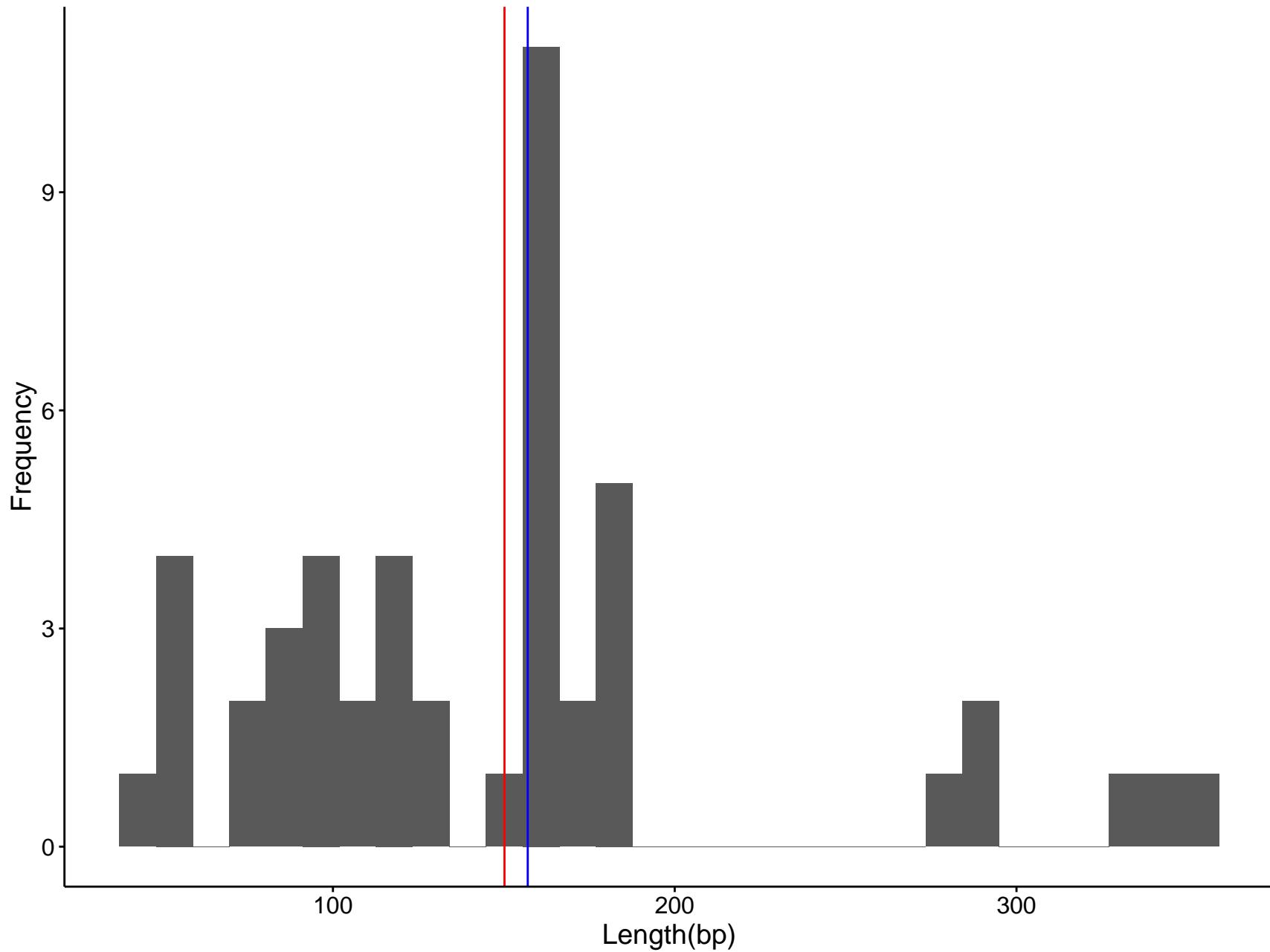
Cluster765



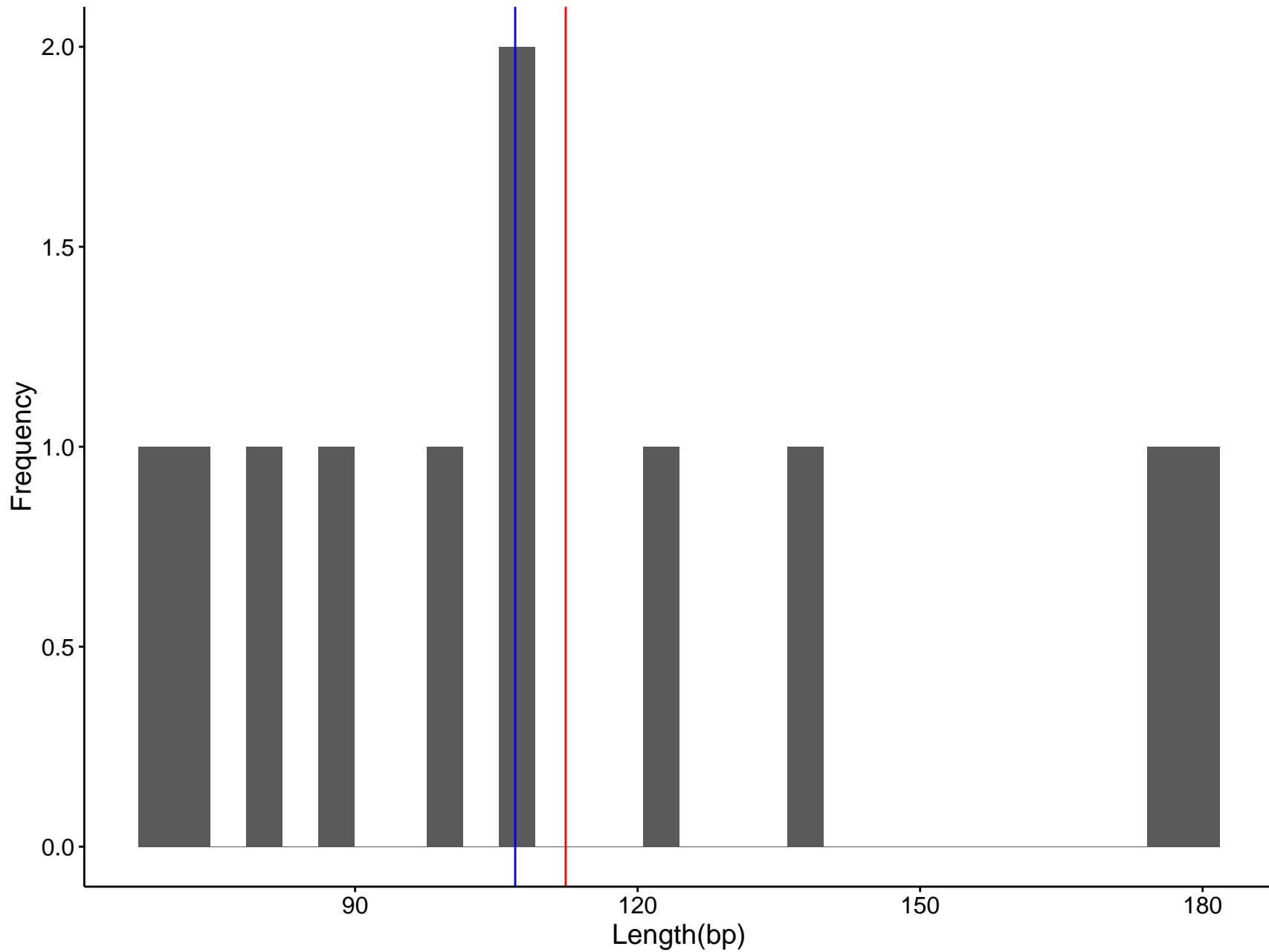
Cluster766



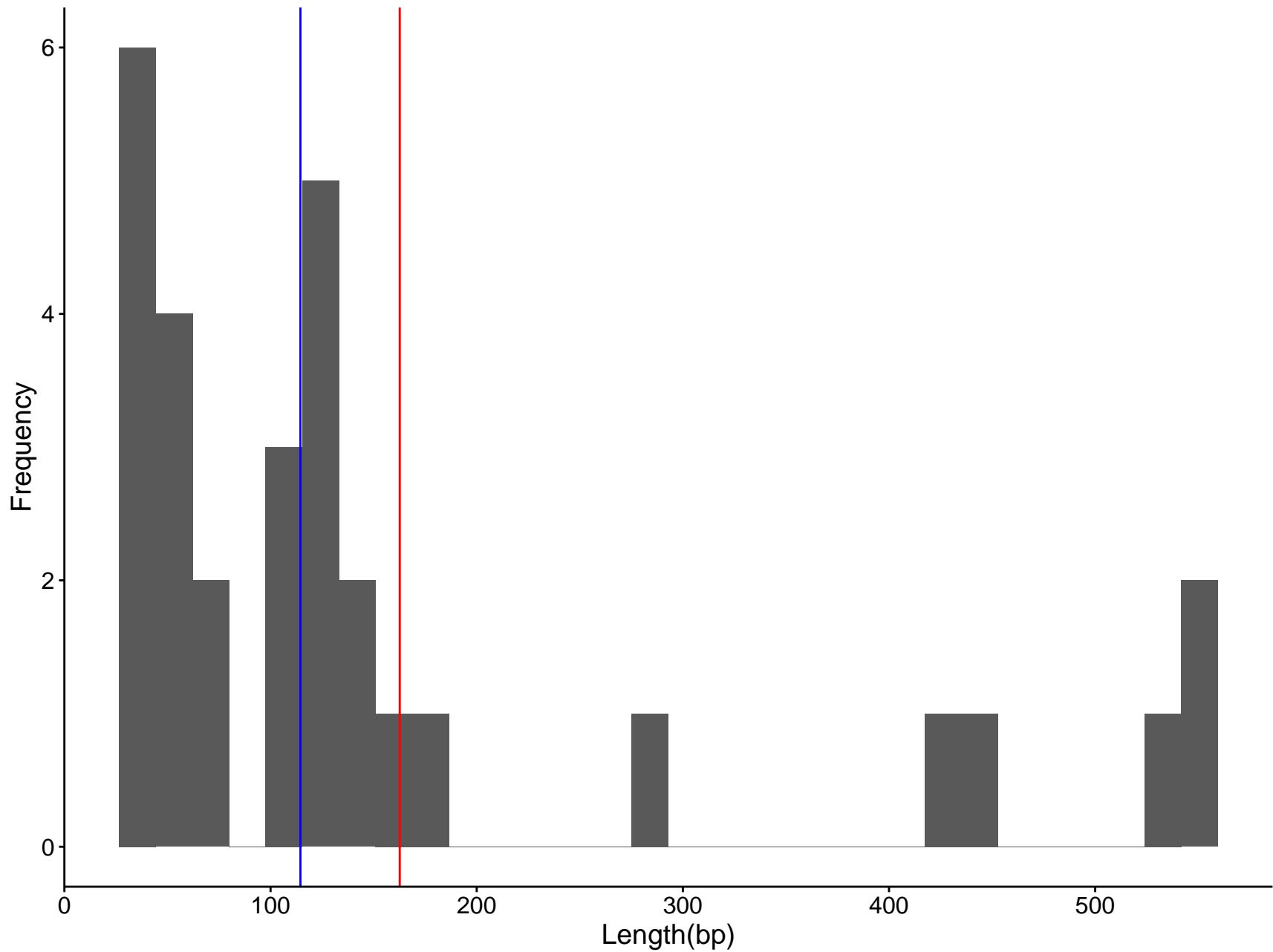
Cluster767



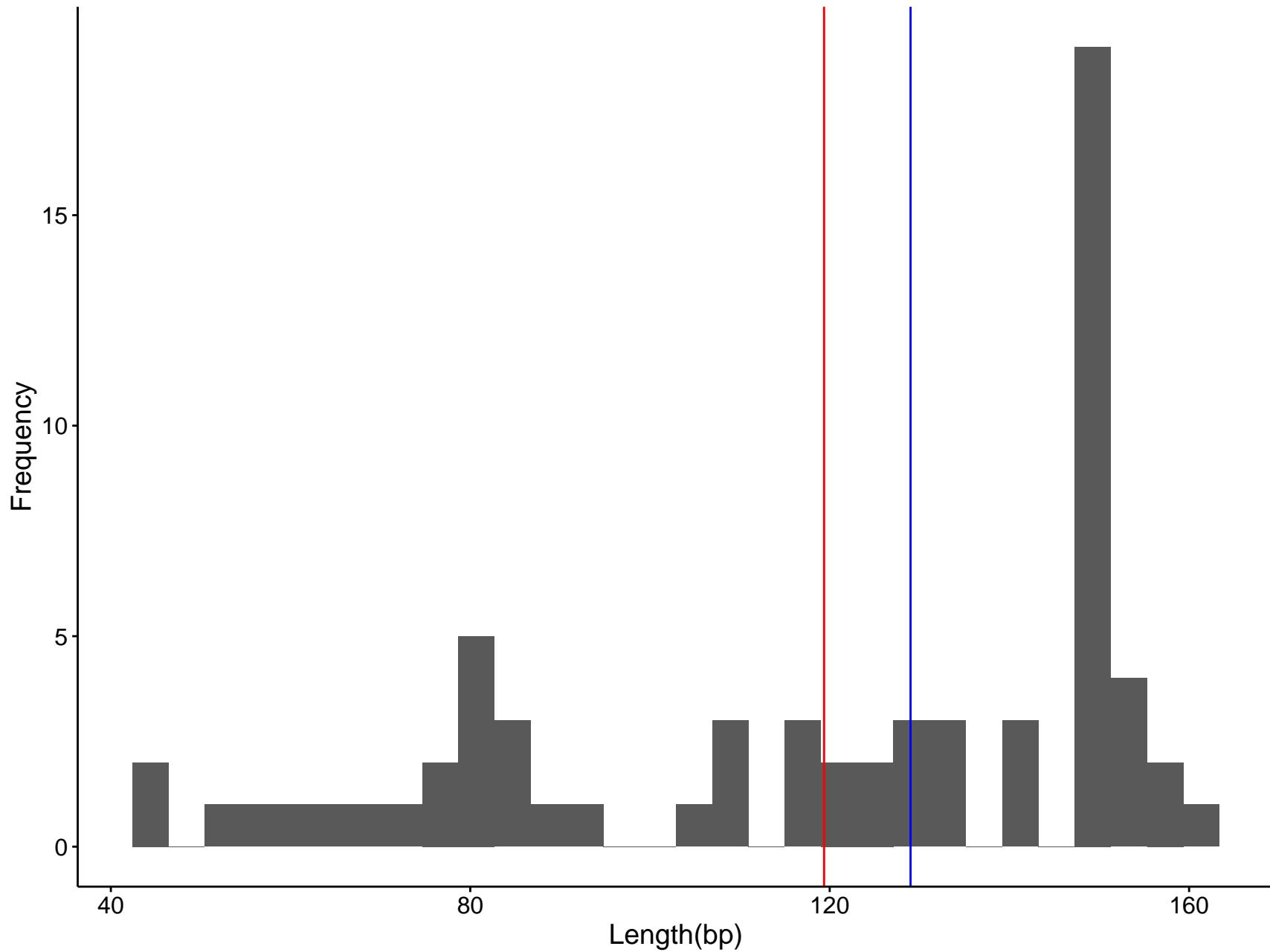
Cluster768



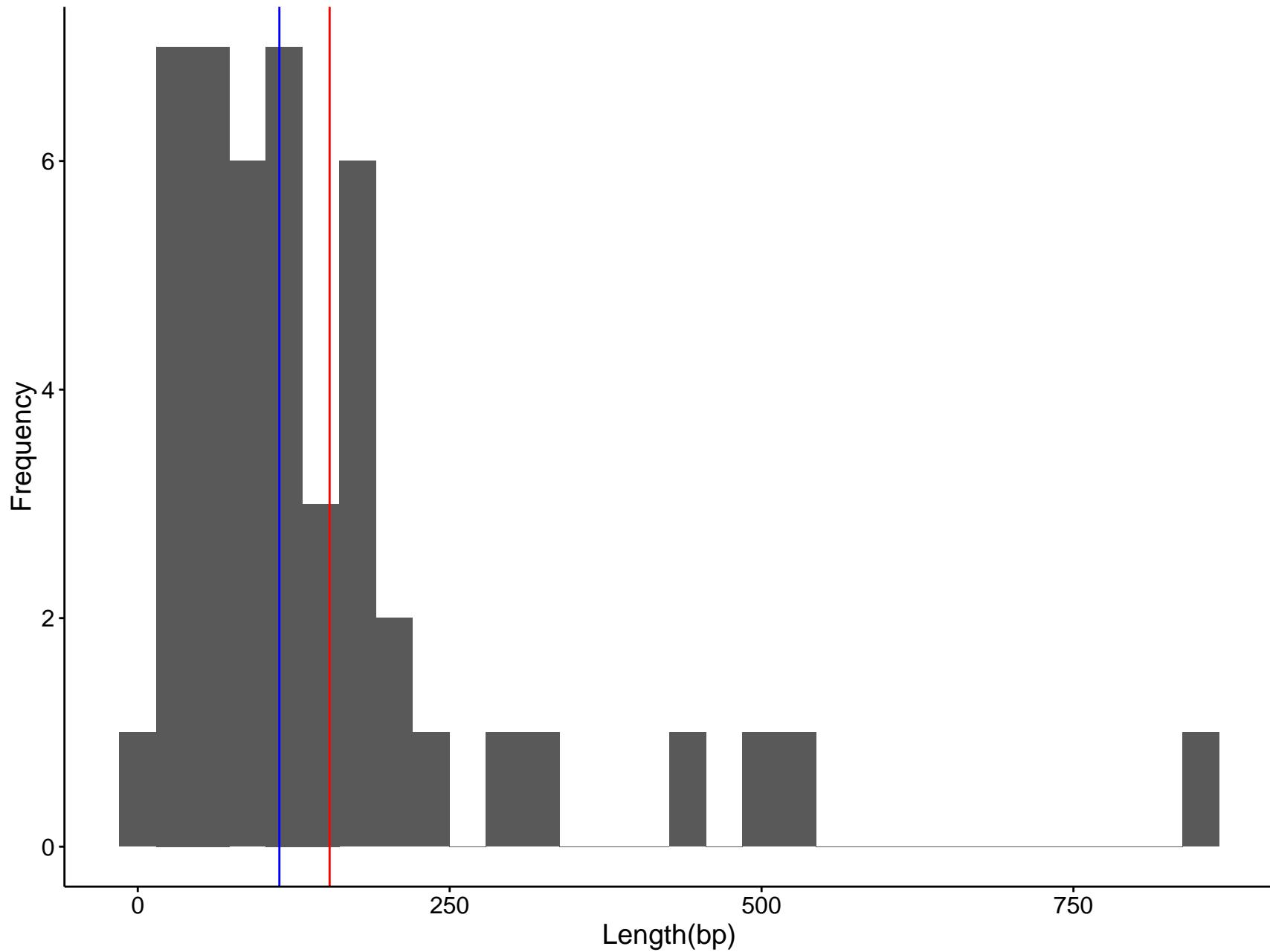
Cluster769



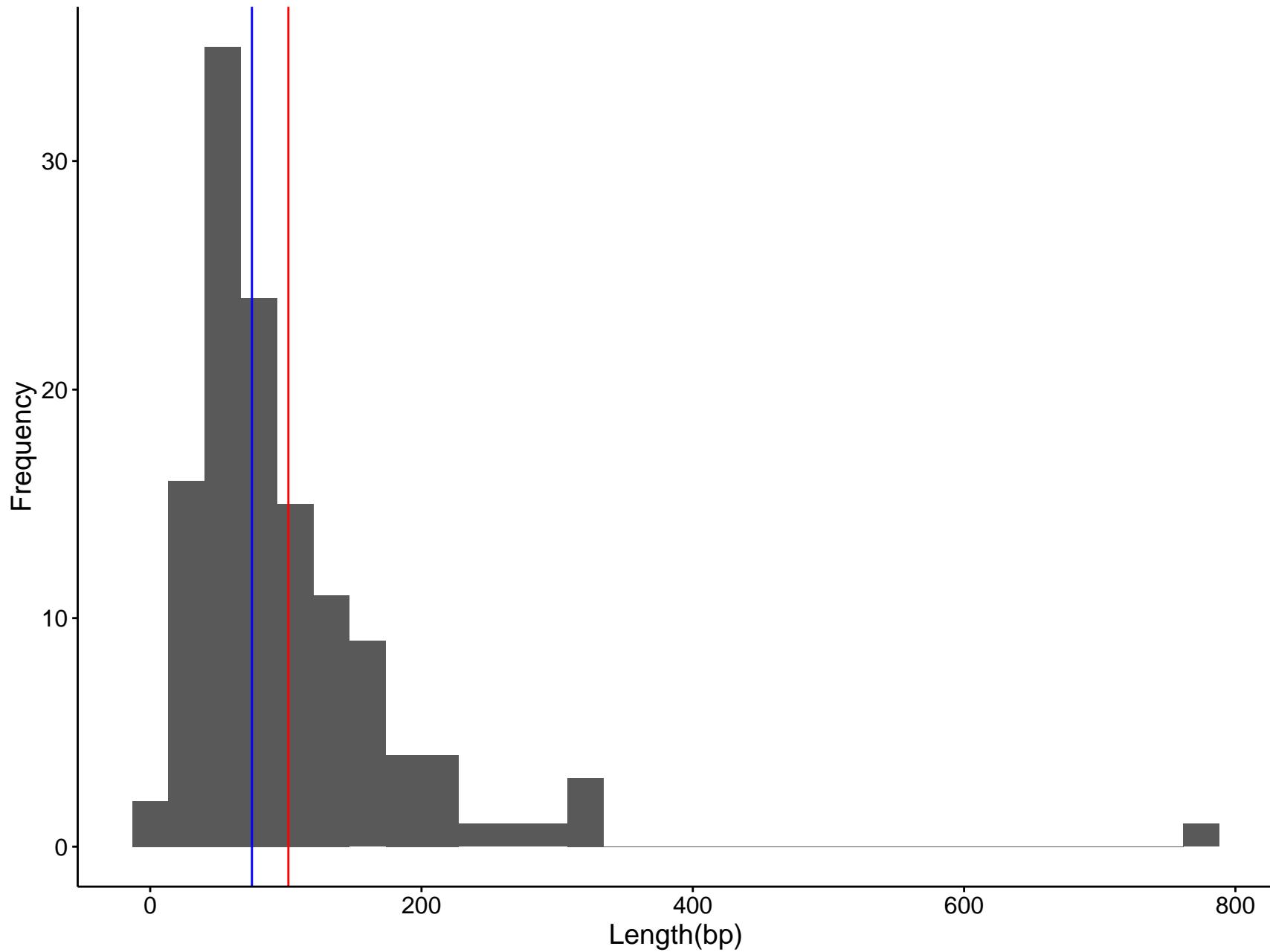
Cluster76



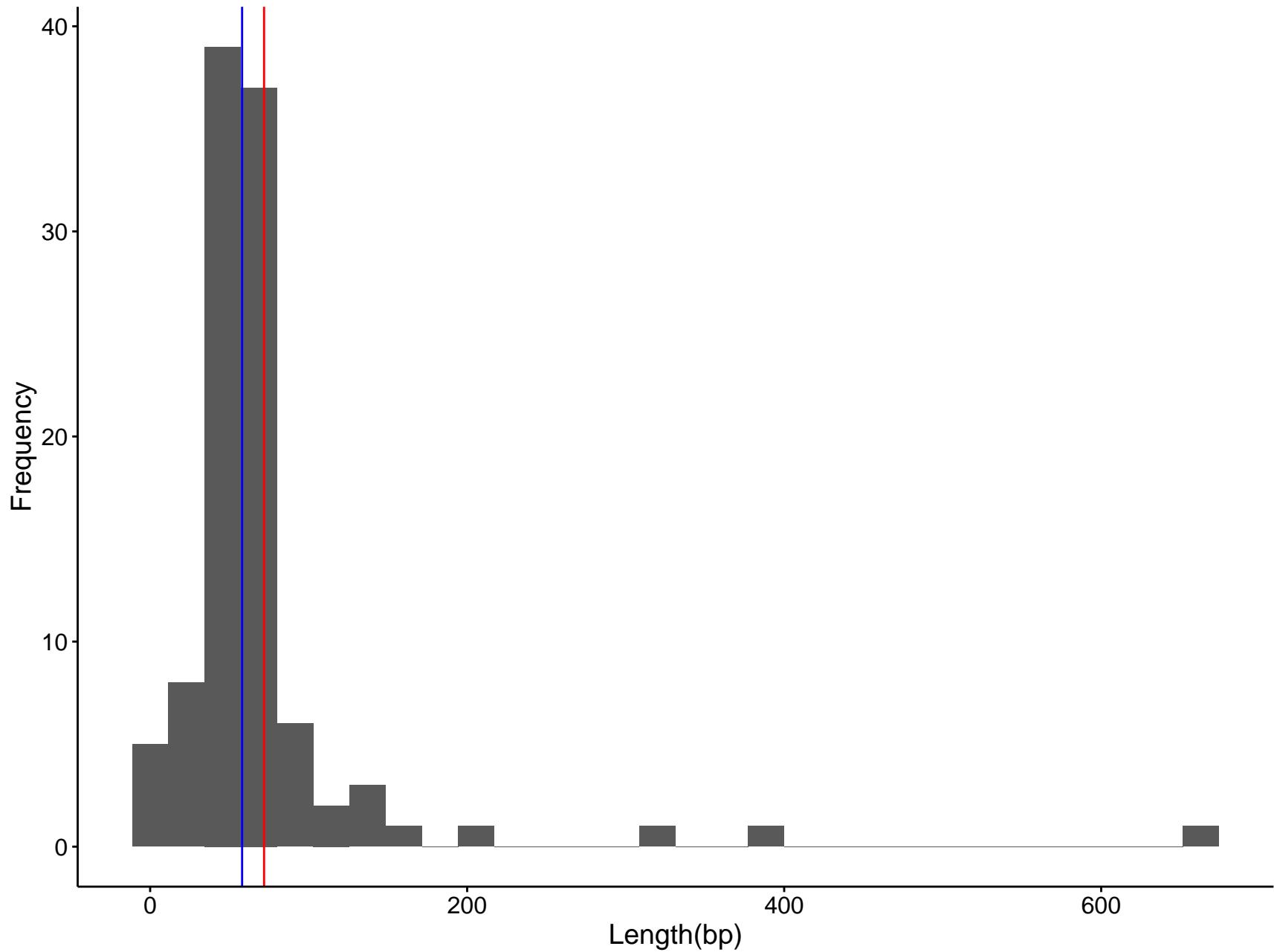
Cluster770



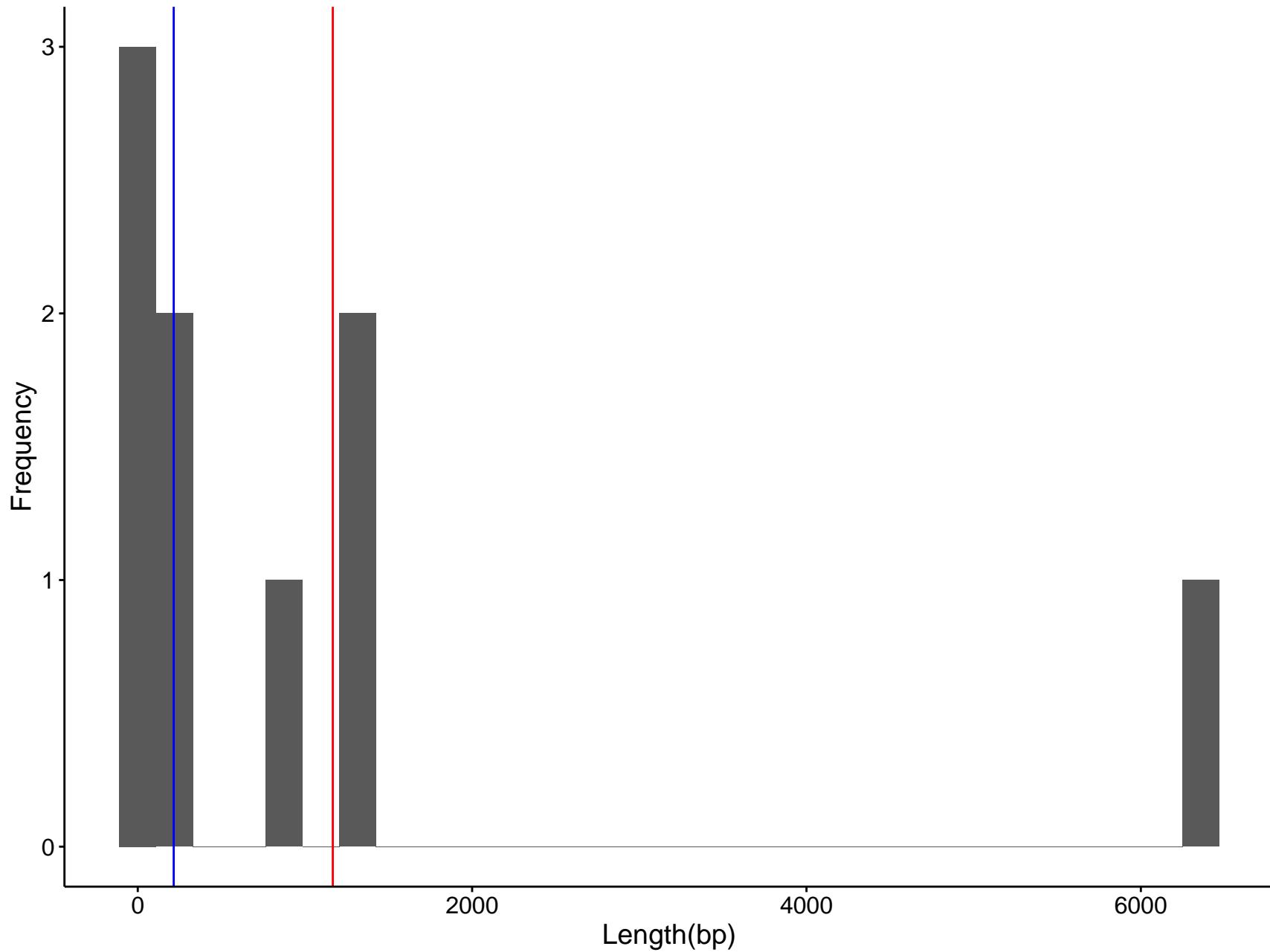
Cluster771



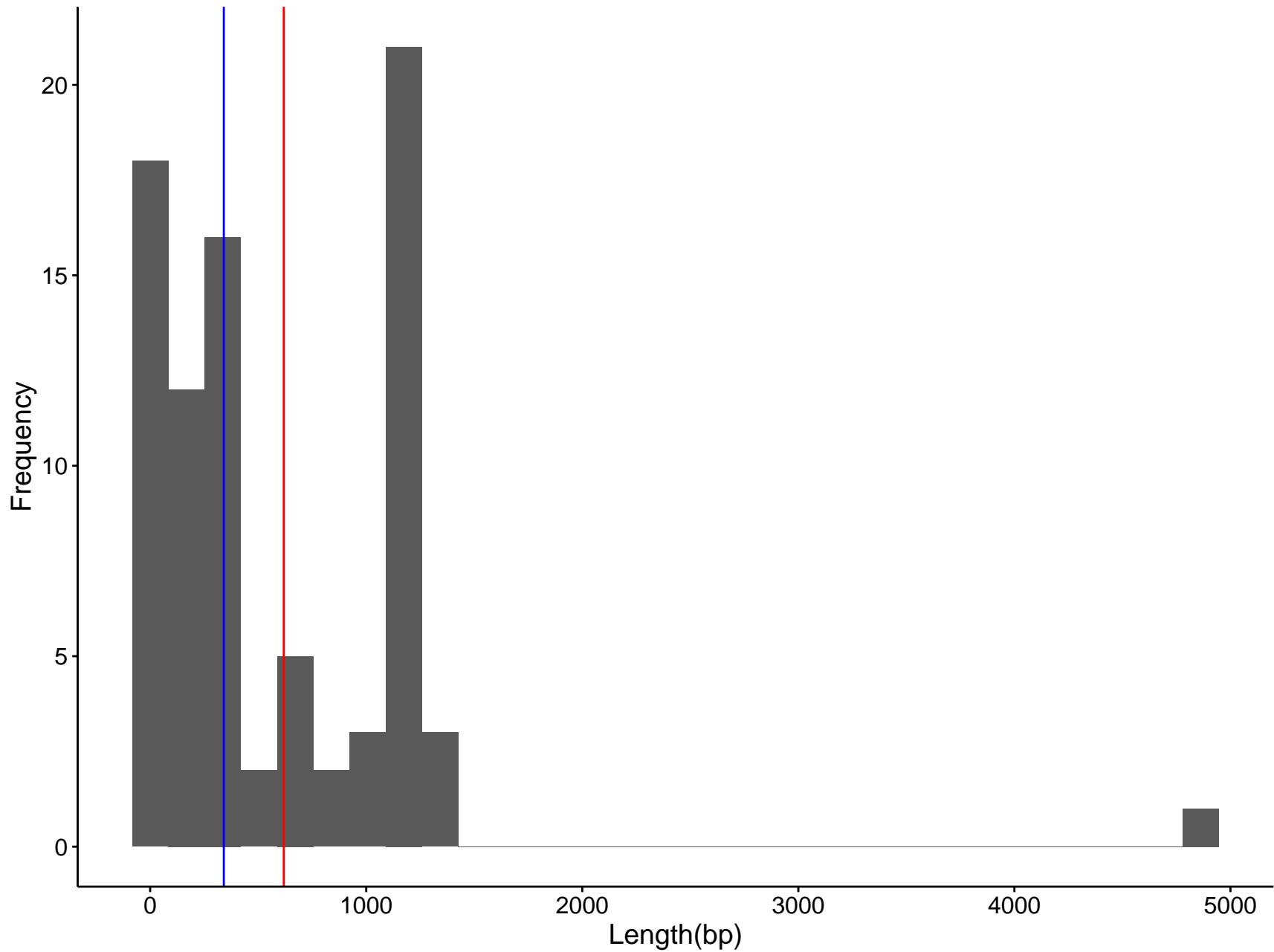
Cluster772



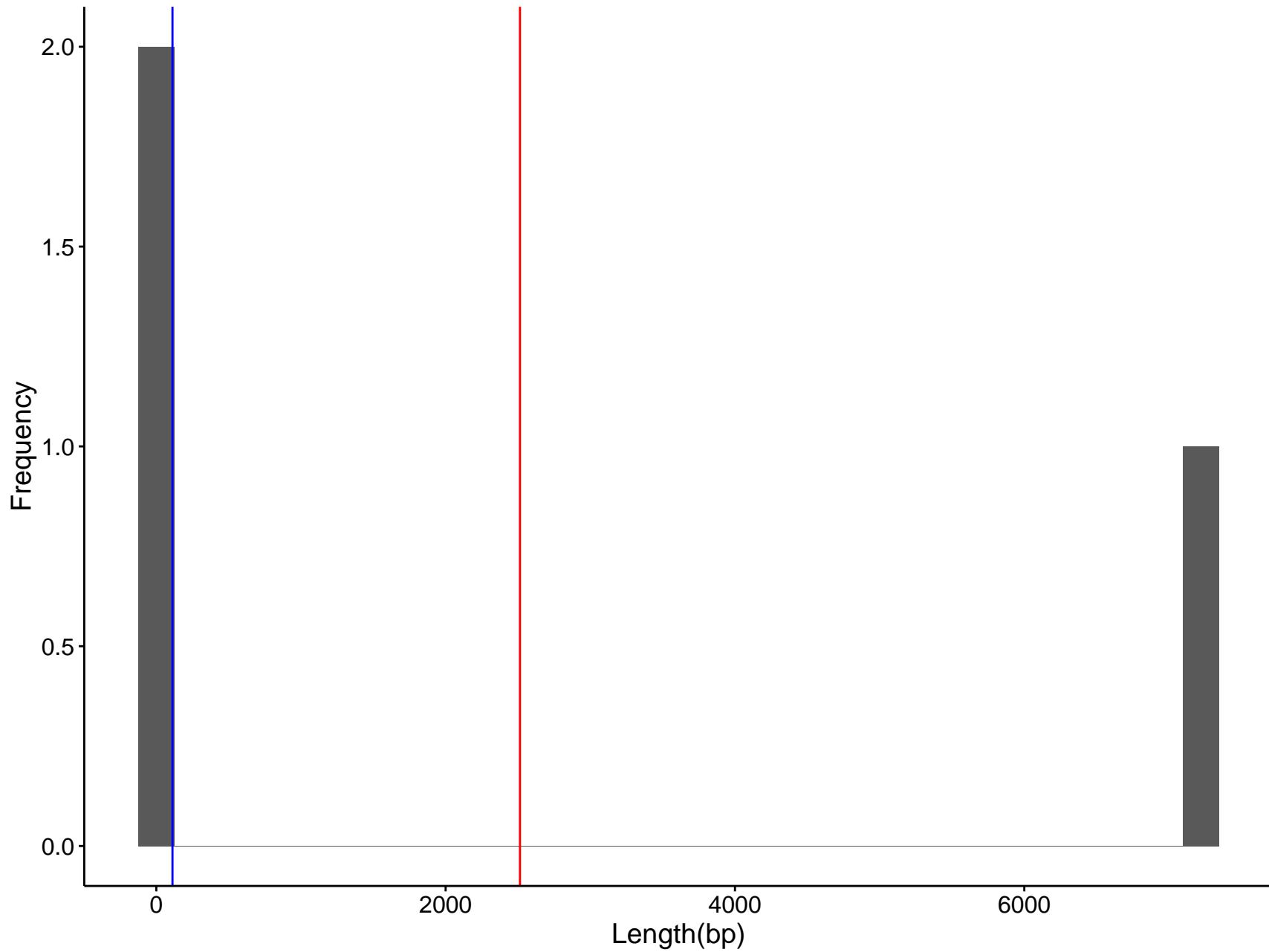
Cluster774



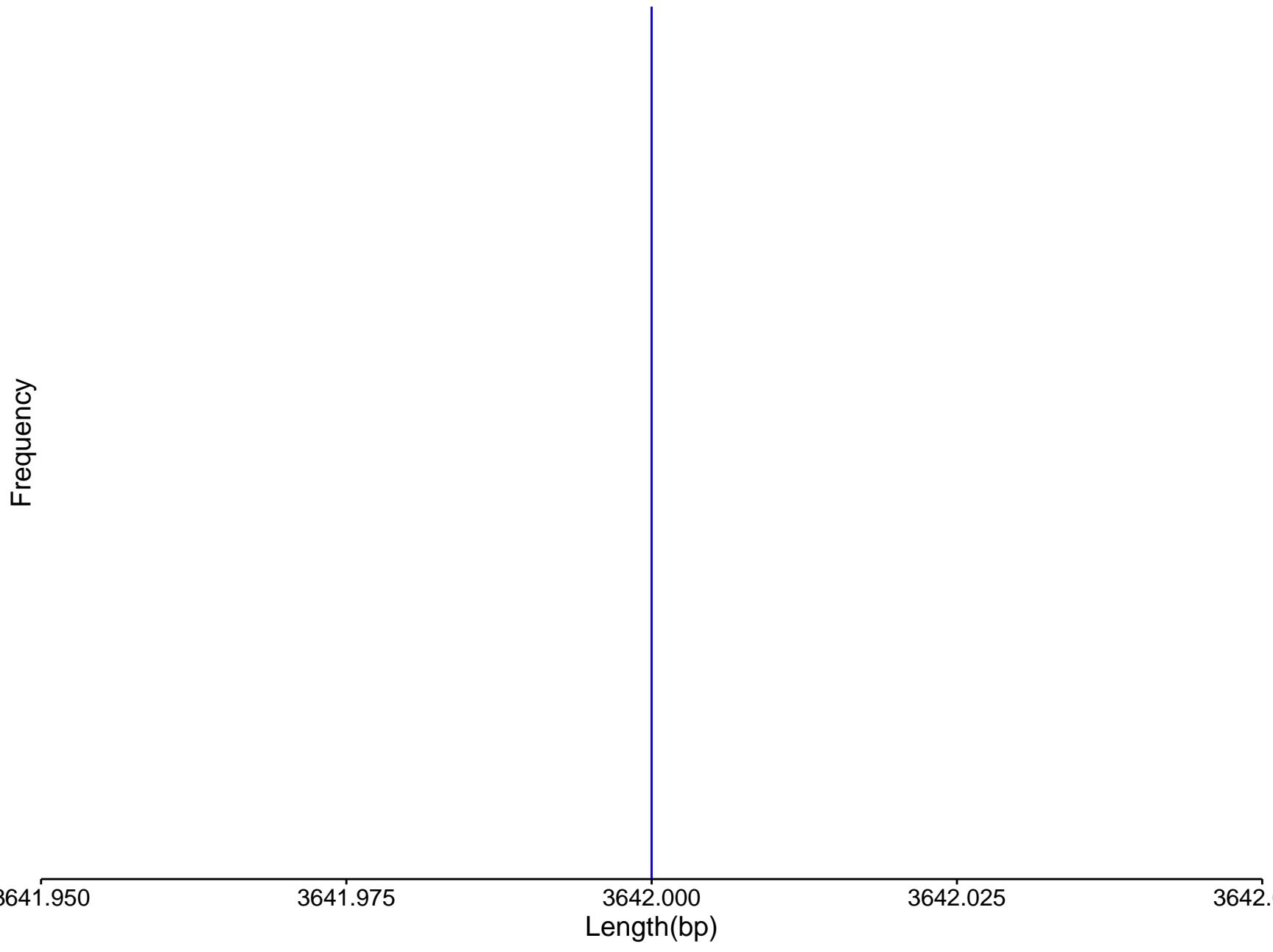
Cluster775



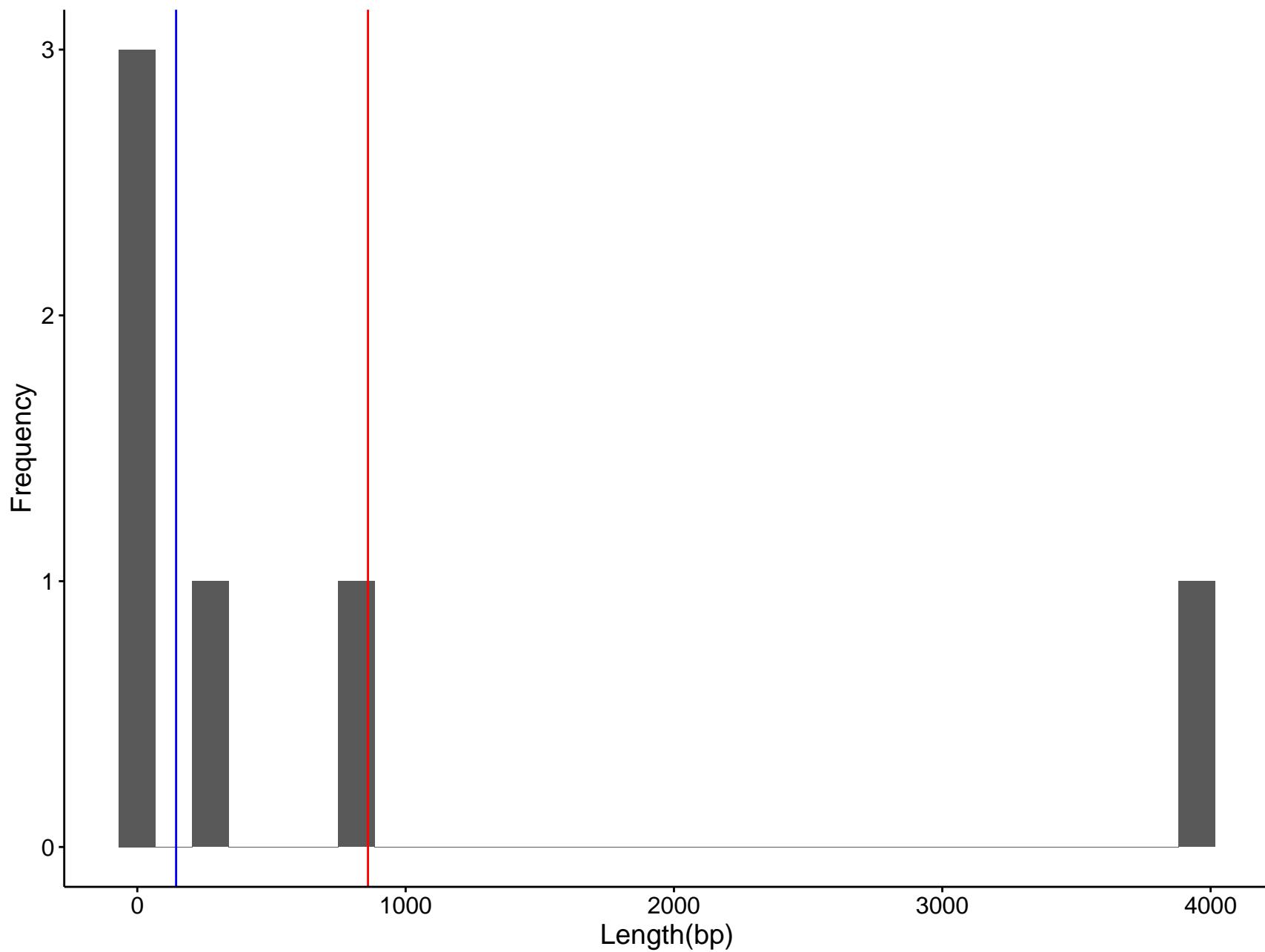
Cluster777



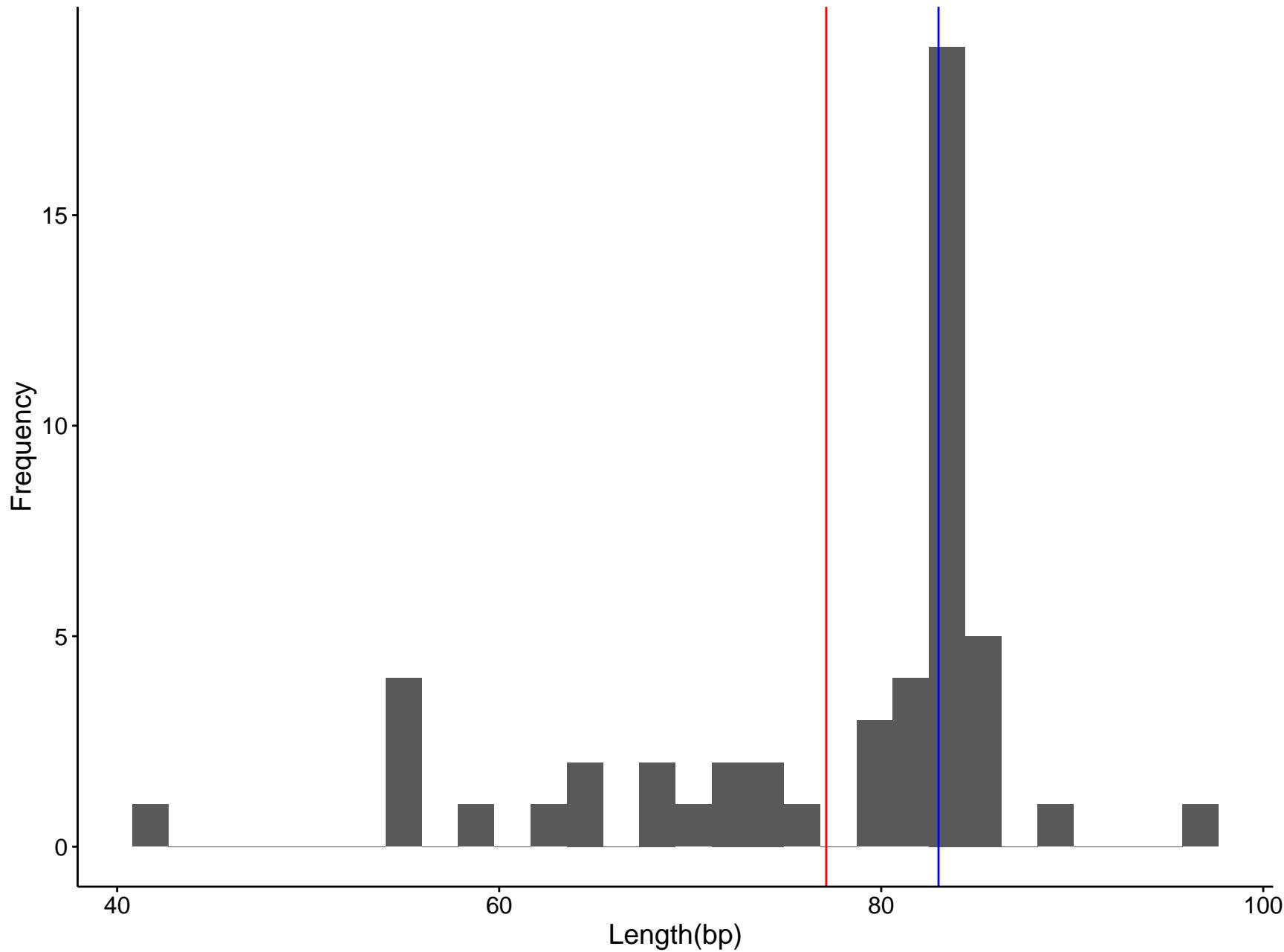
Cluster778



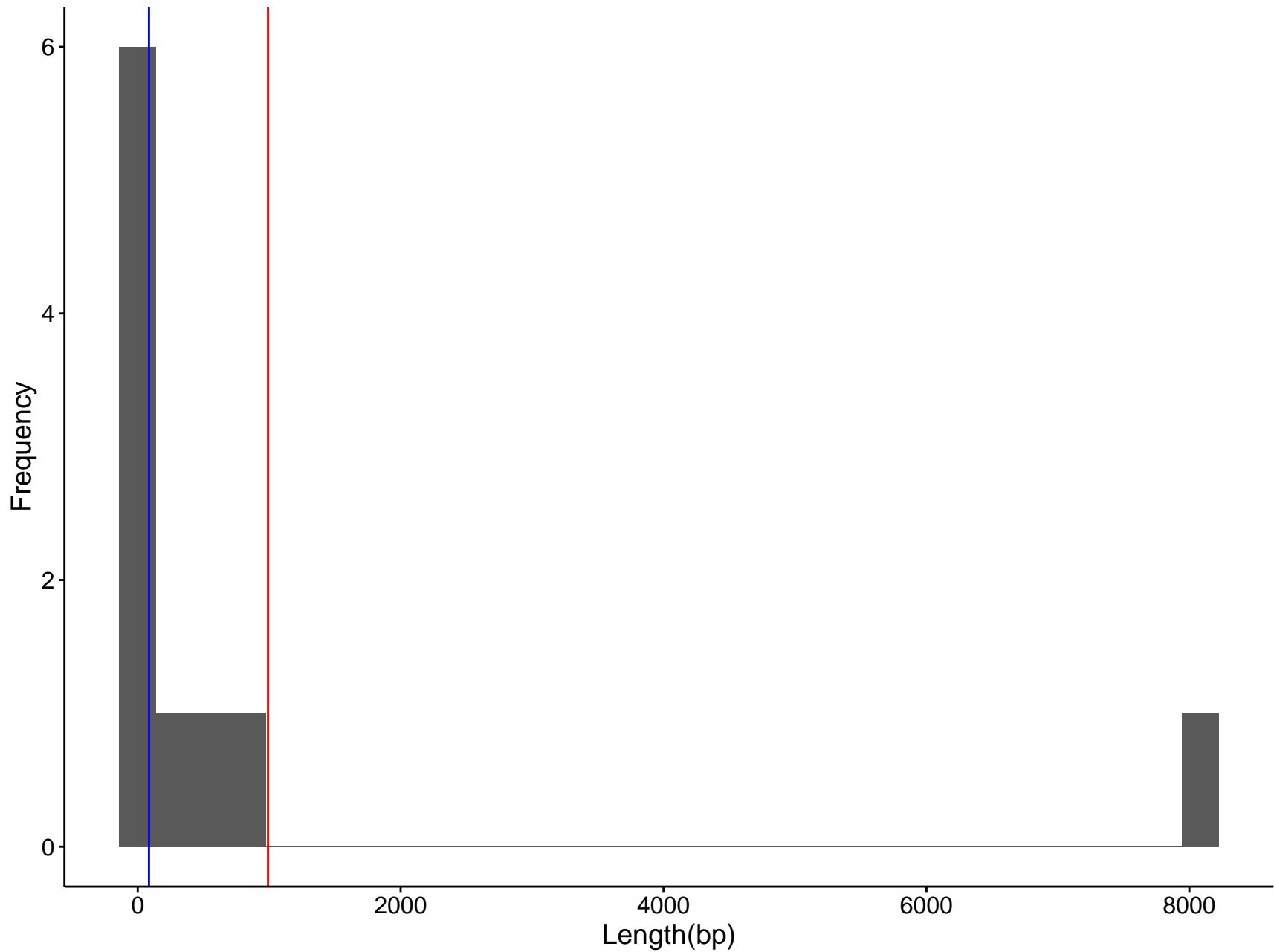
Cluster779



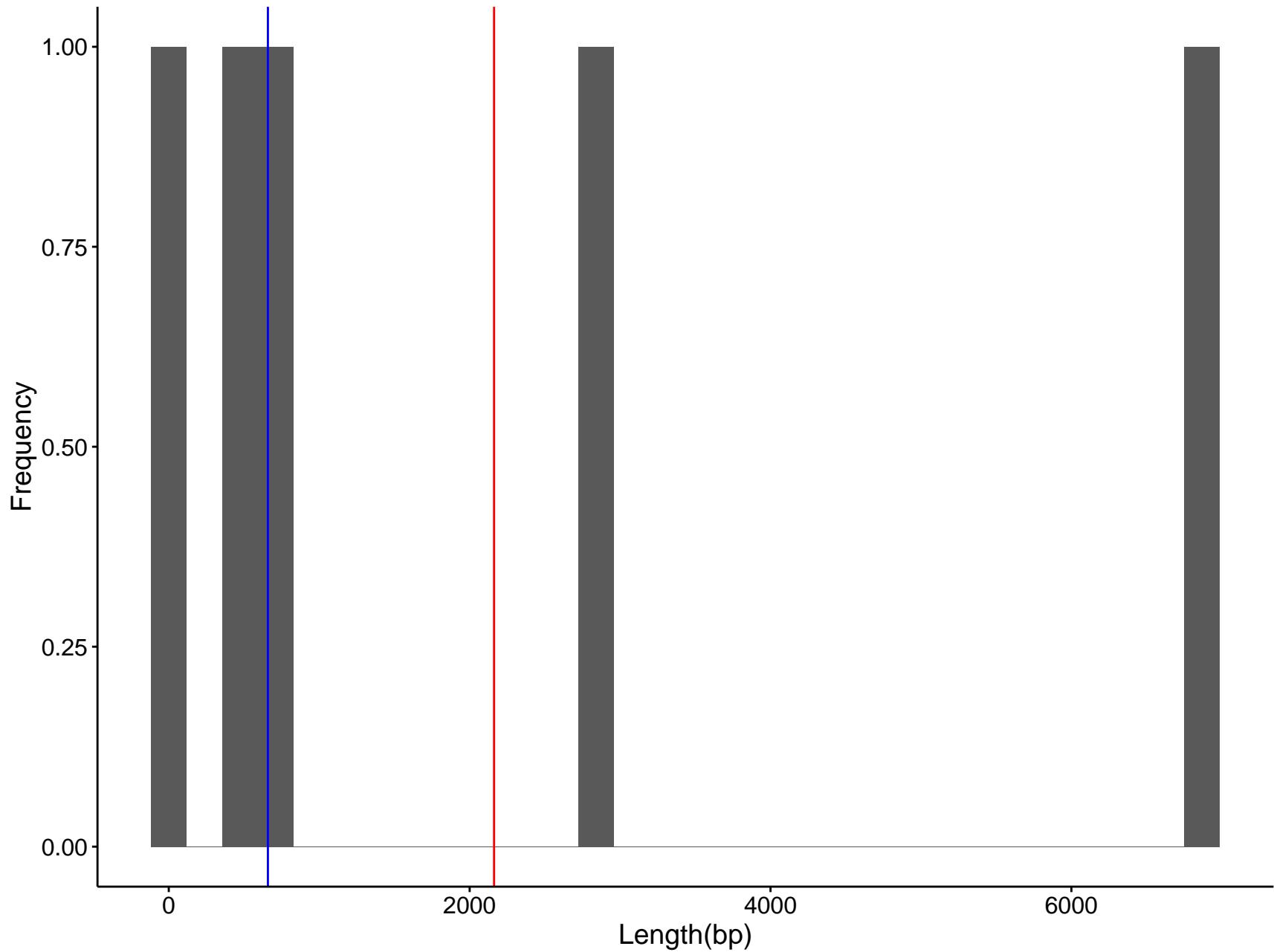
Cluster77



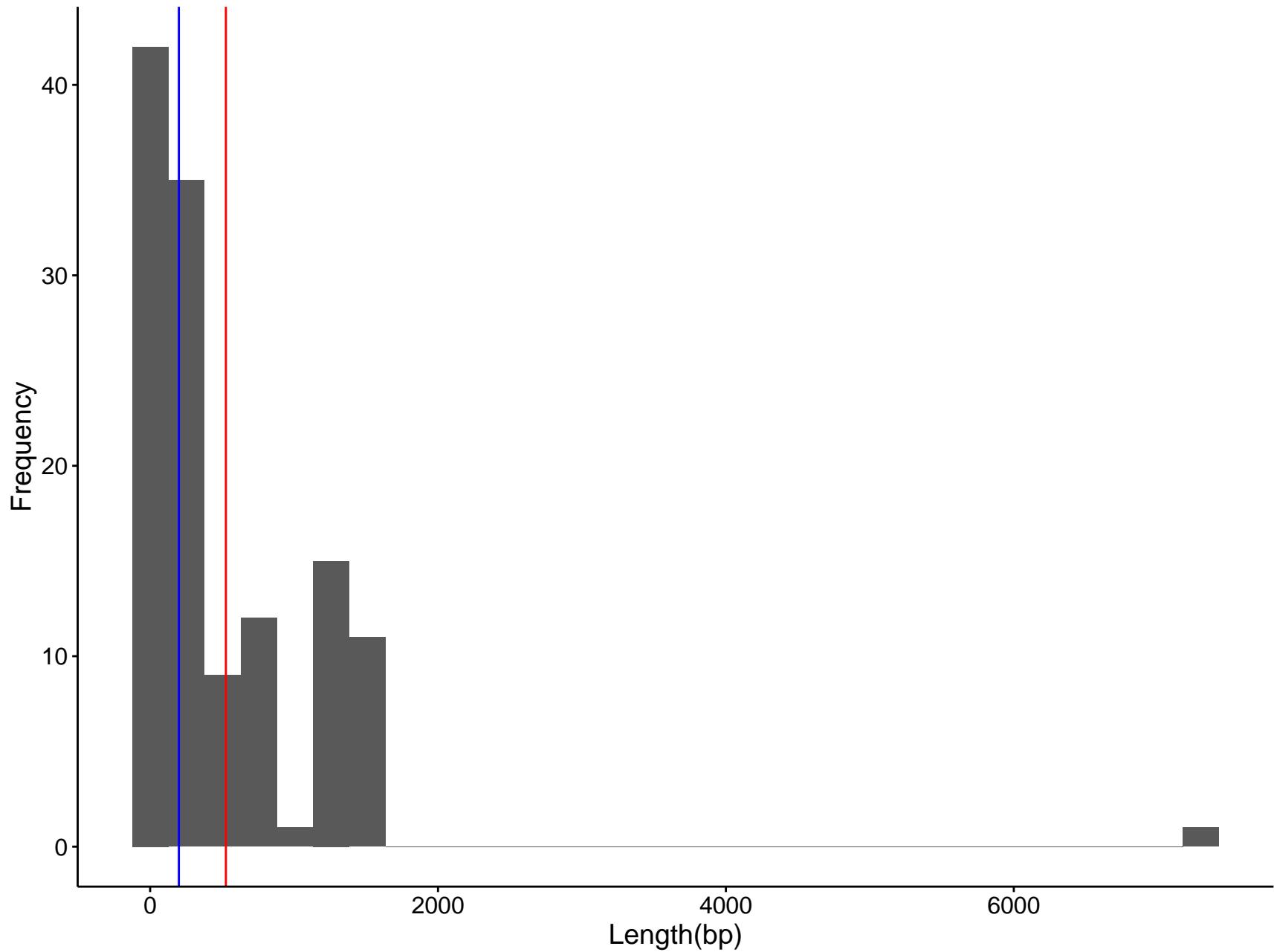
Cluster780



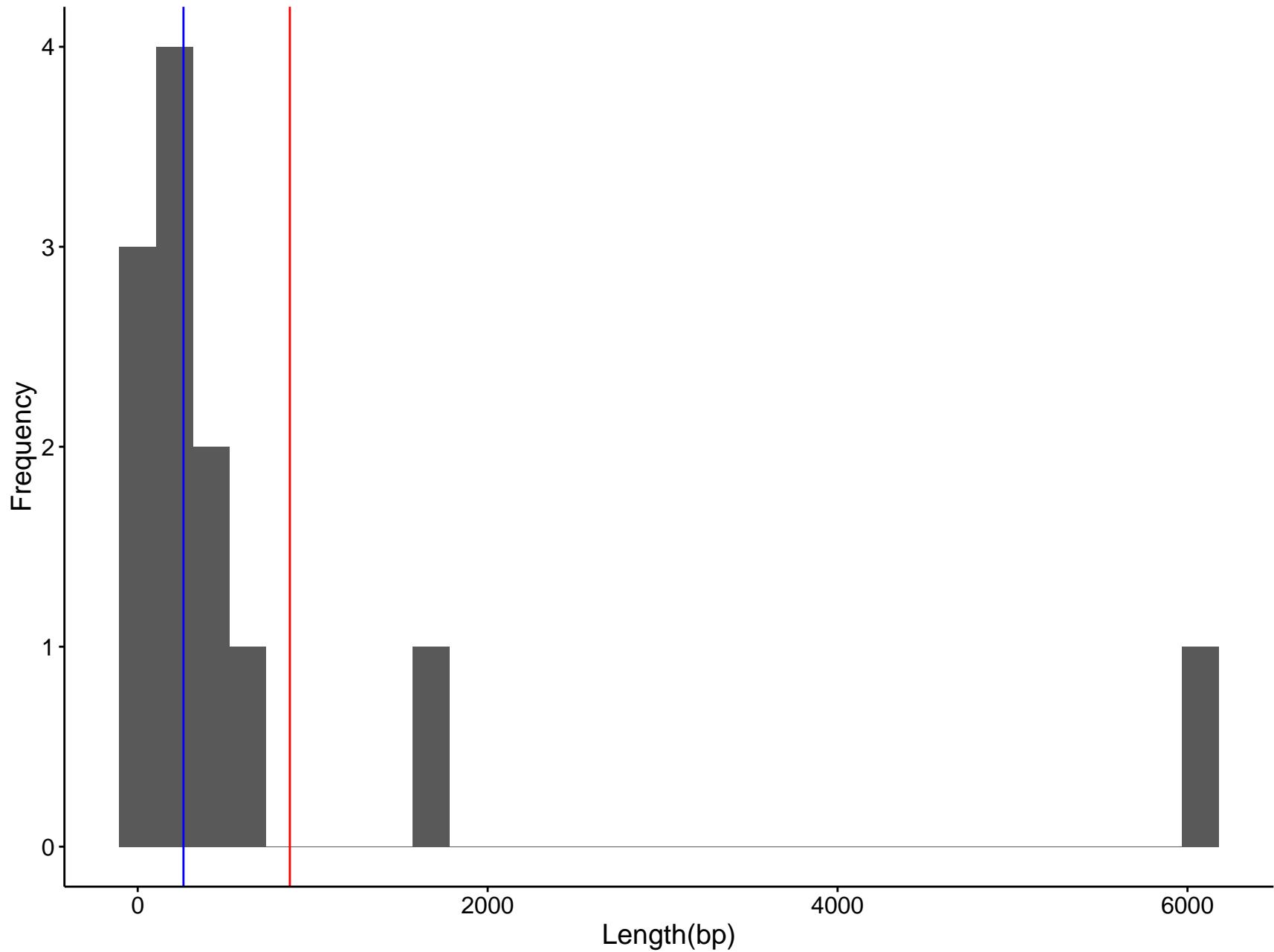
Cluster782



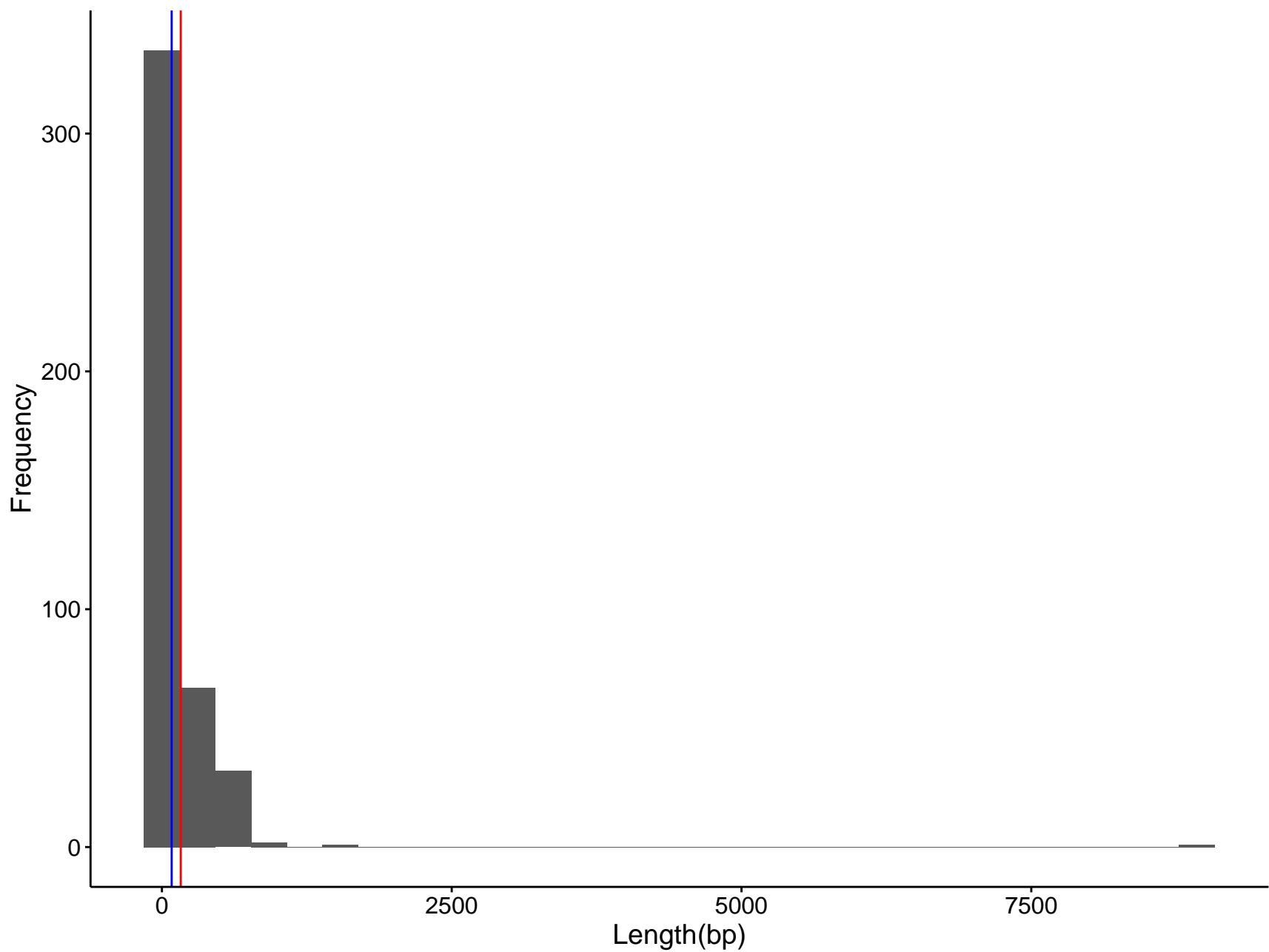
Cluster783



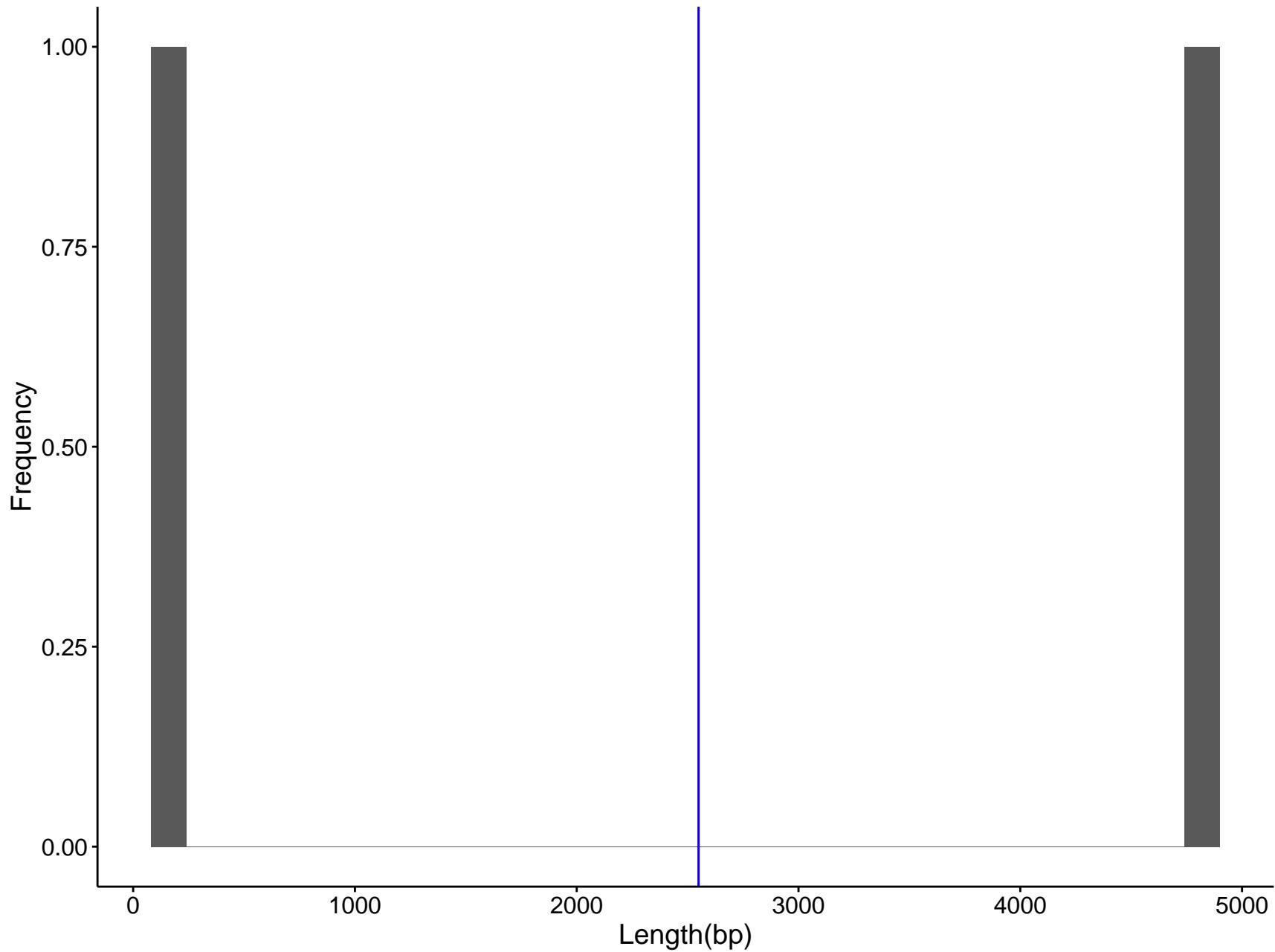
Cluster784



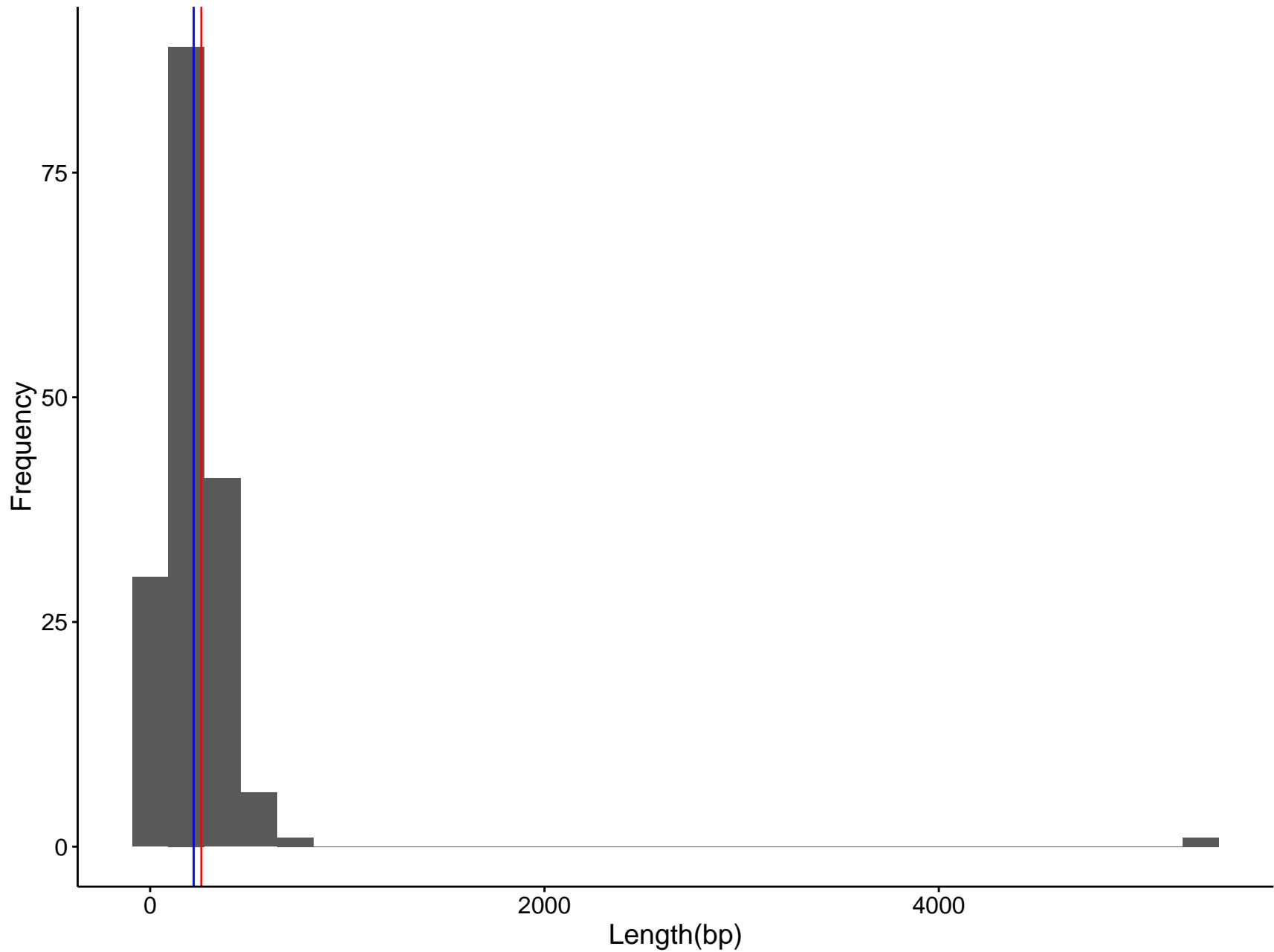
Cluster786



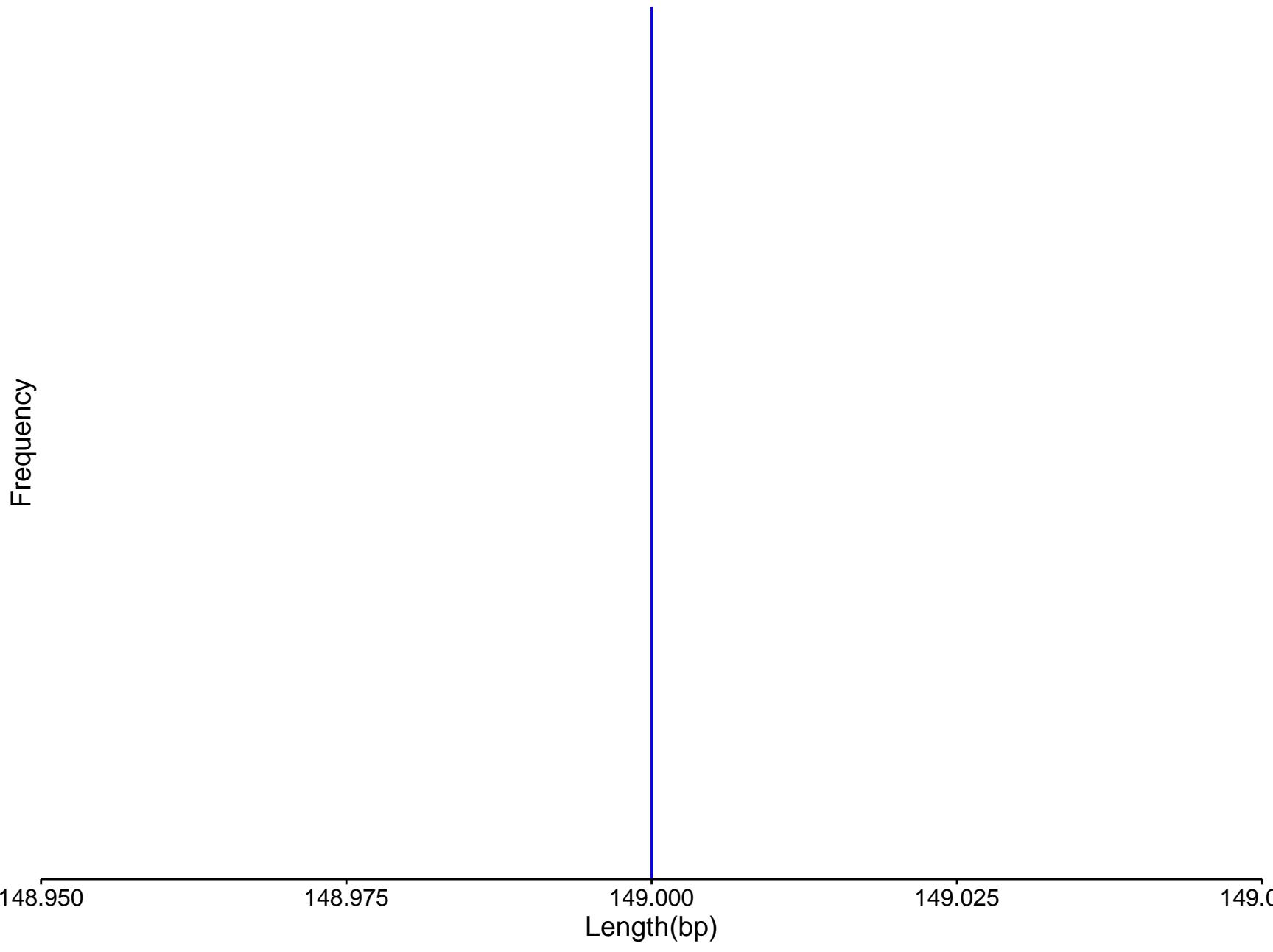
Cluster787



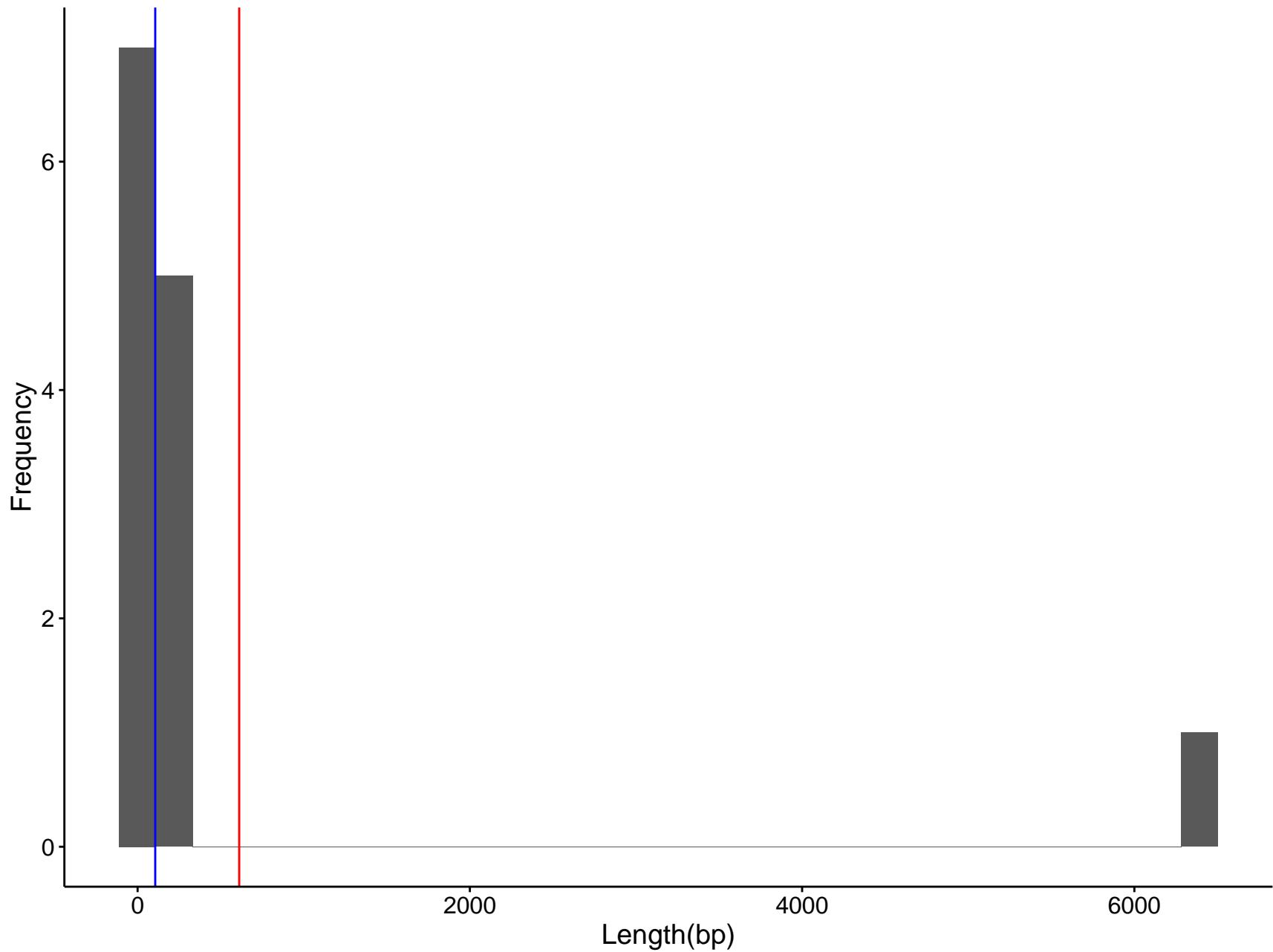
Cluster788



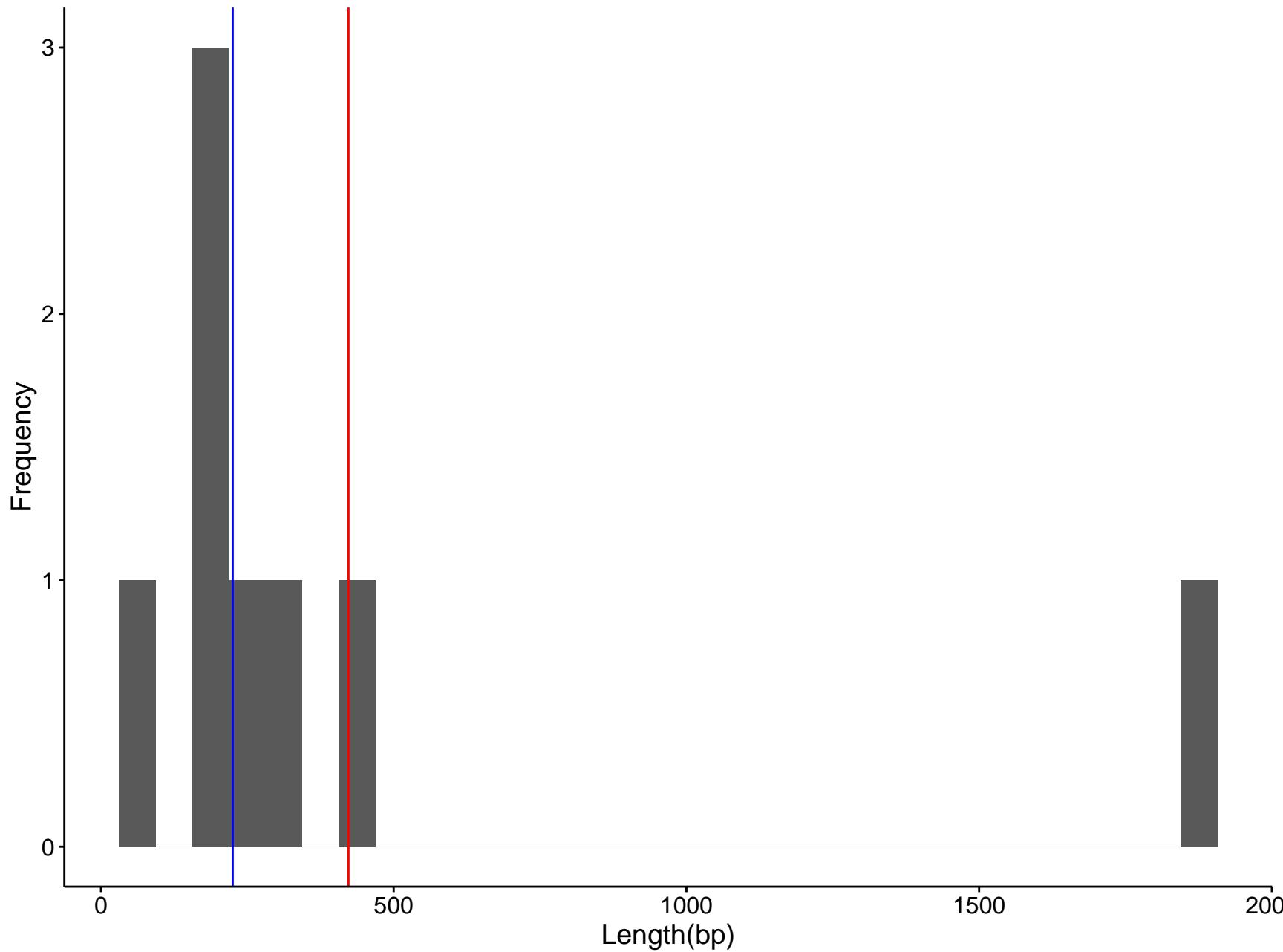
Cluster78



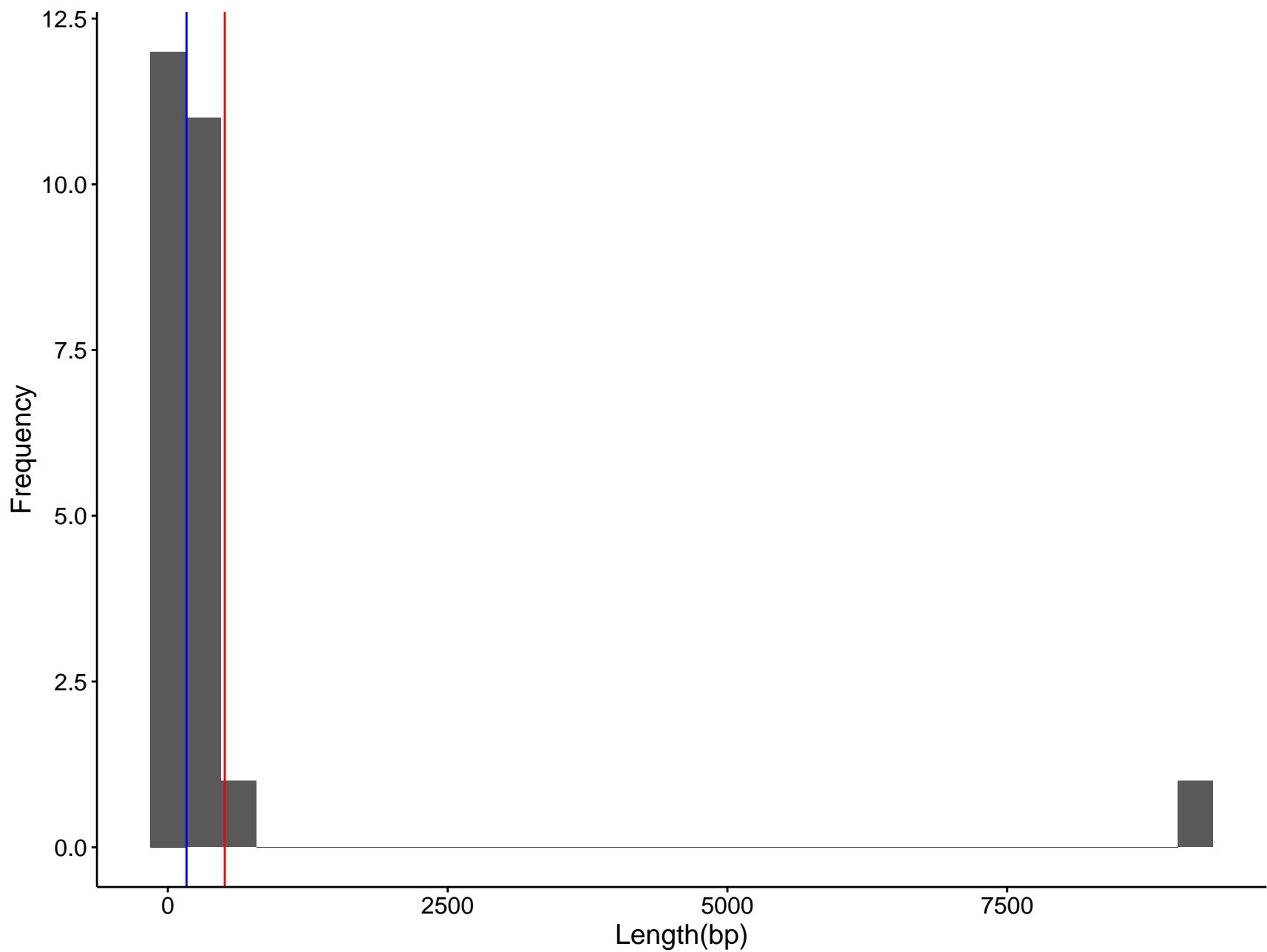
Cluster790



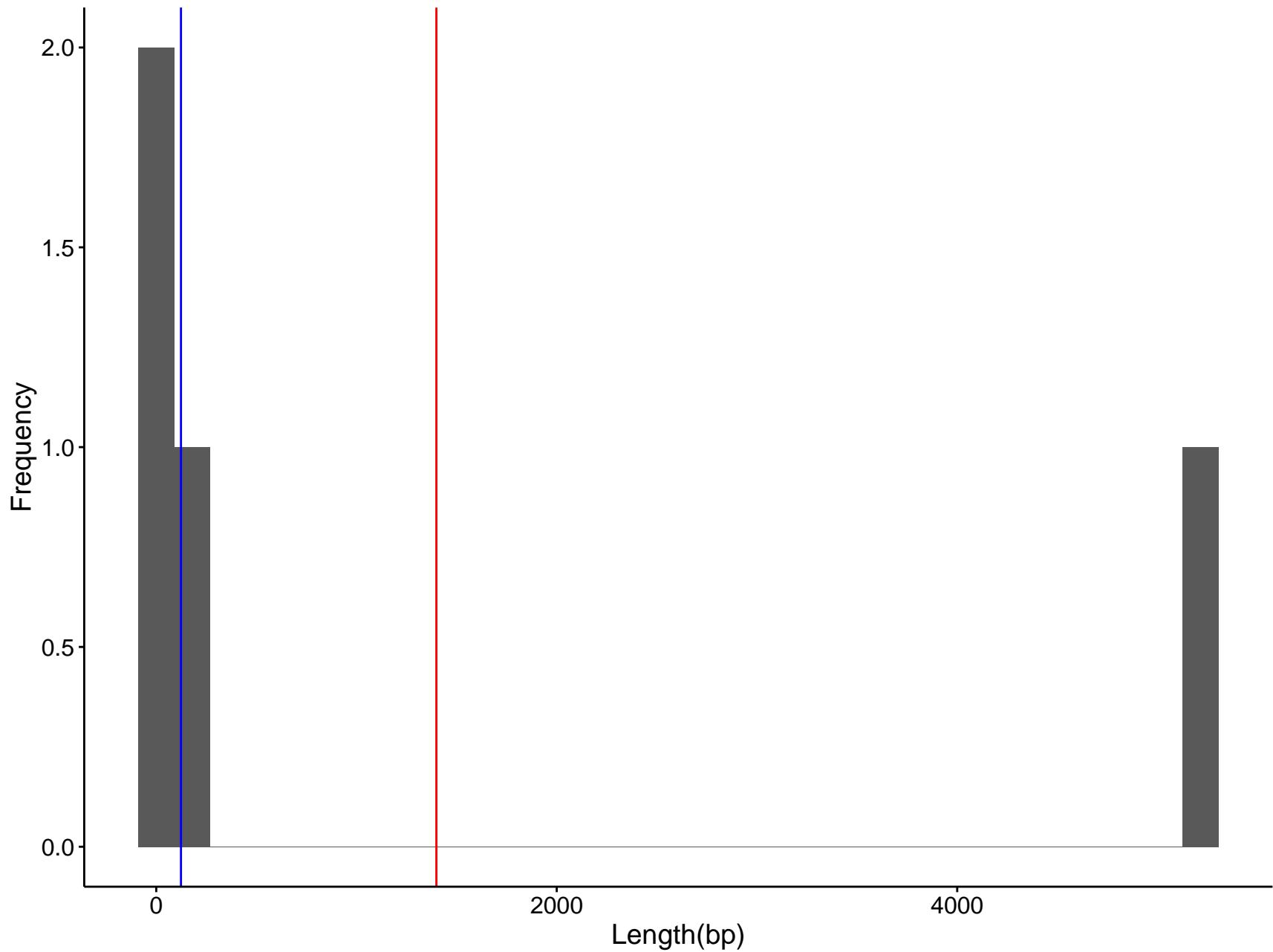
Cluster791



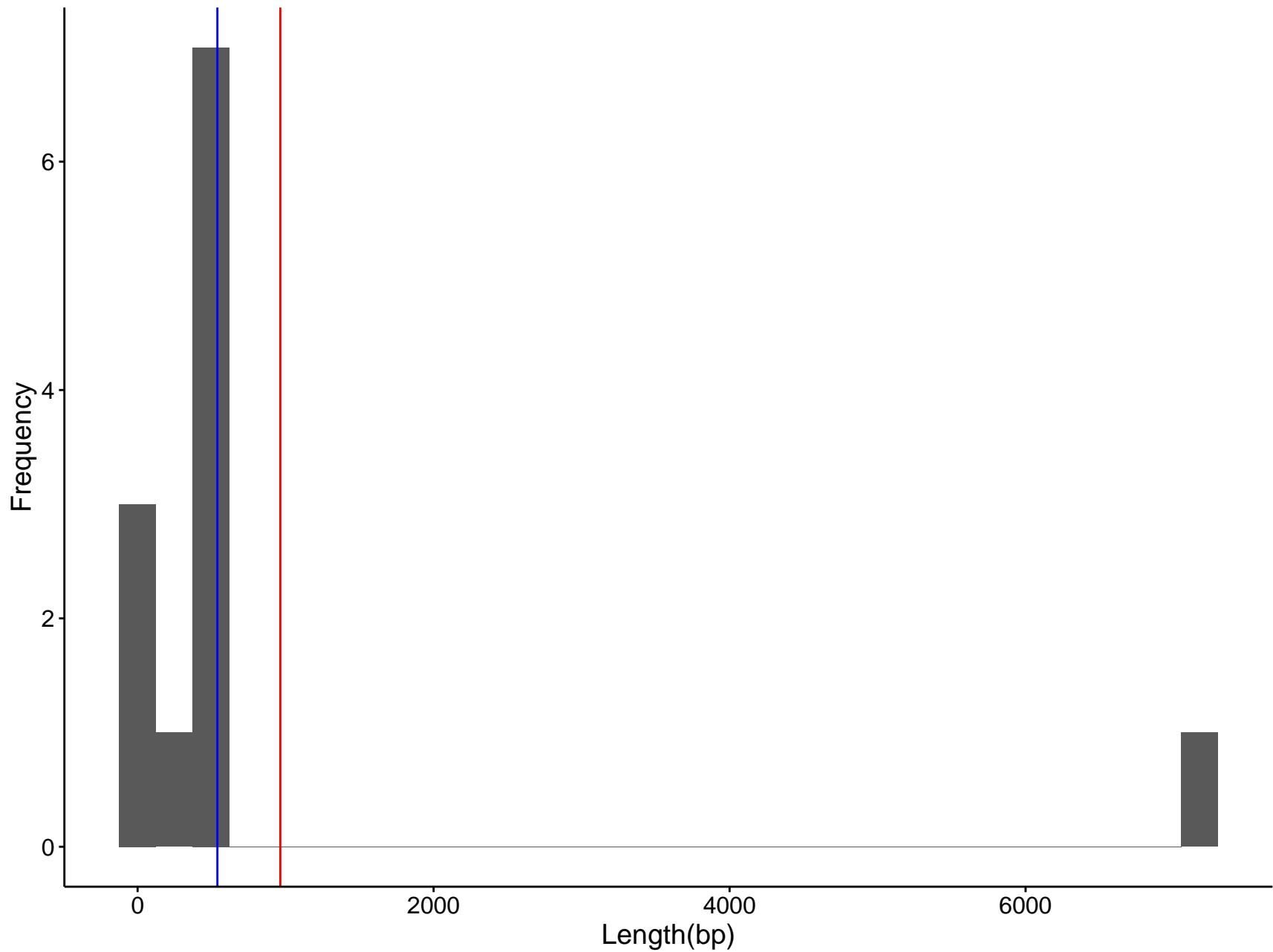
Cluster792

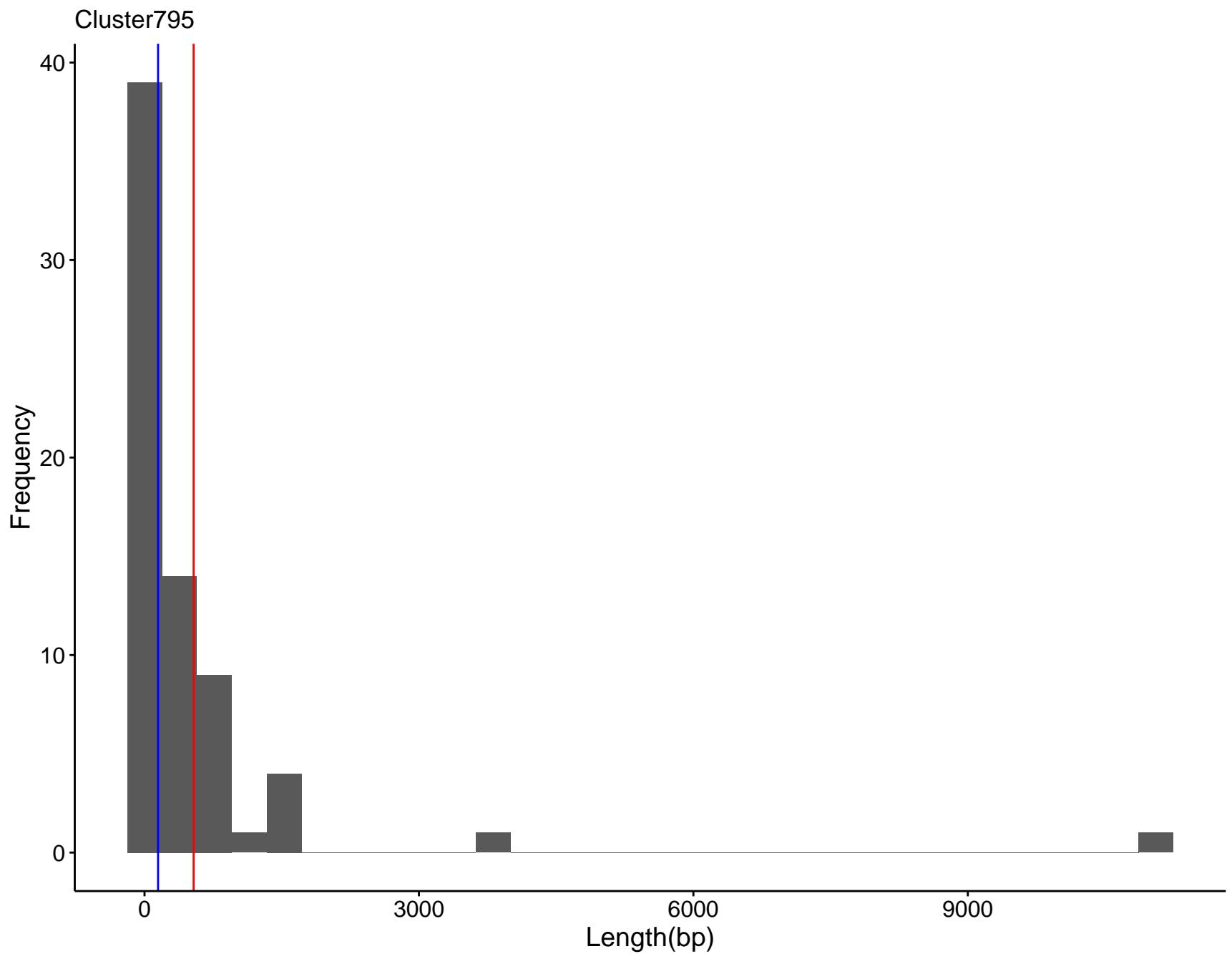


Cluster793

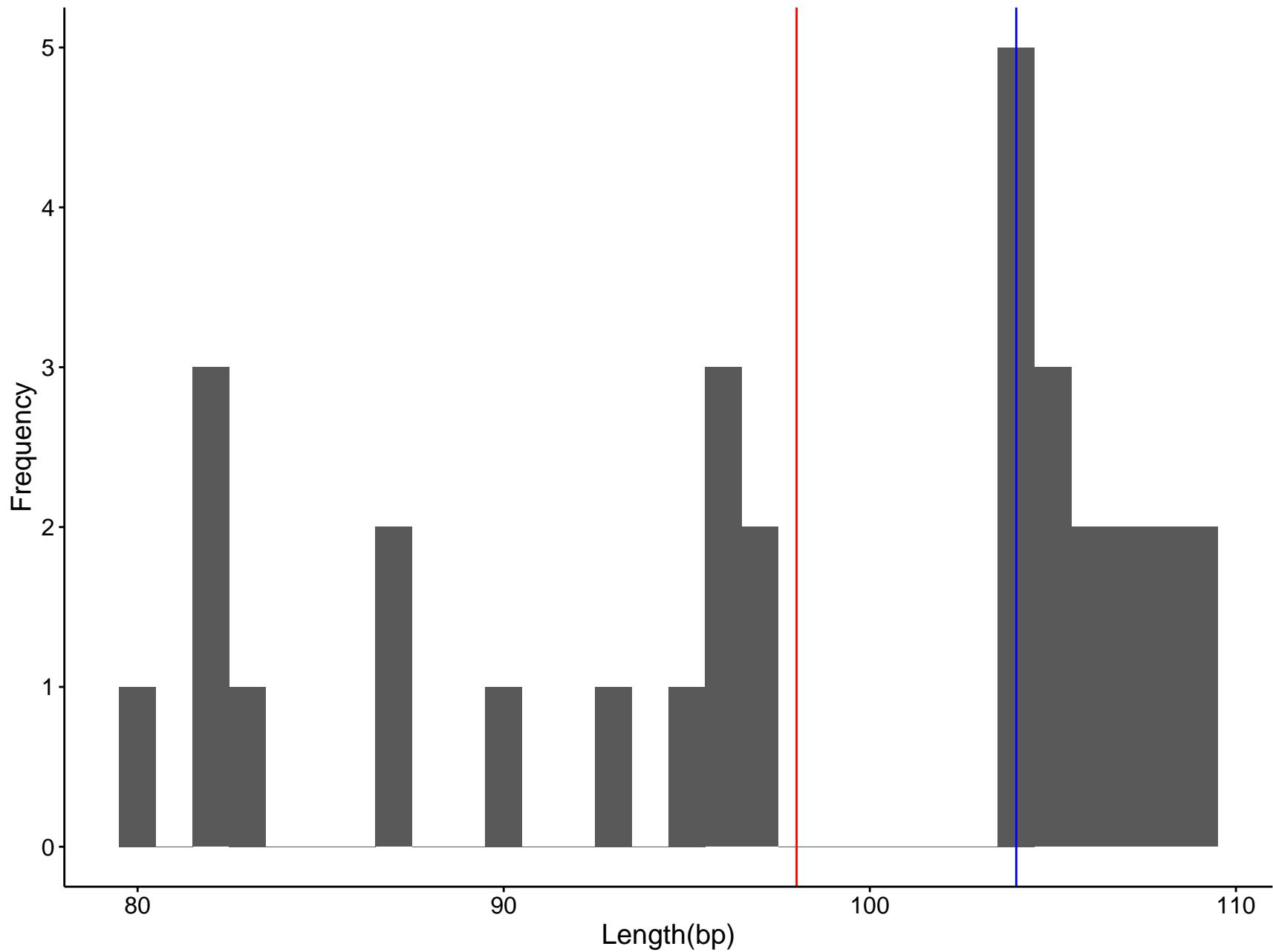


Cluster794

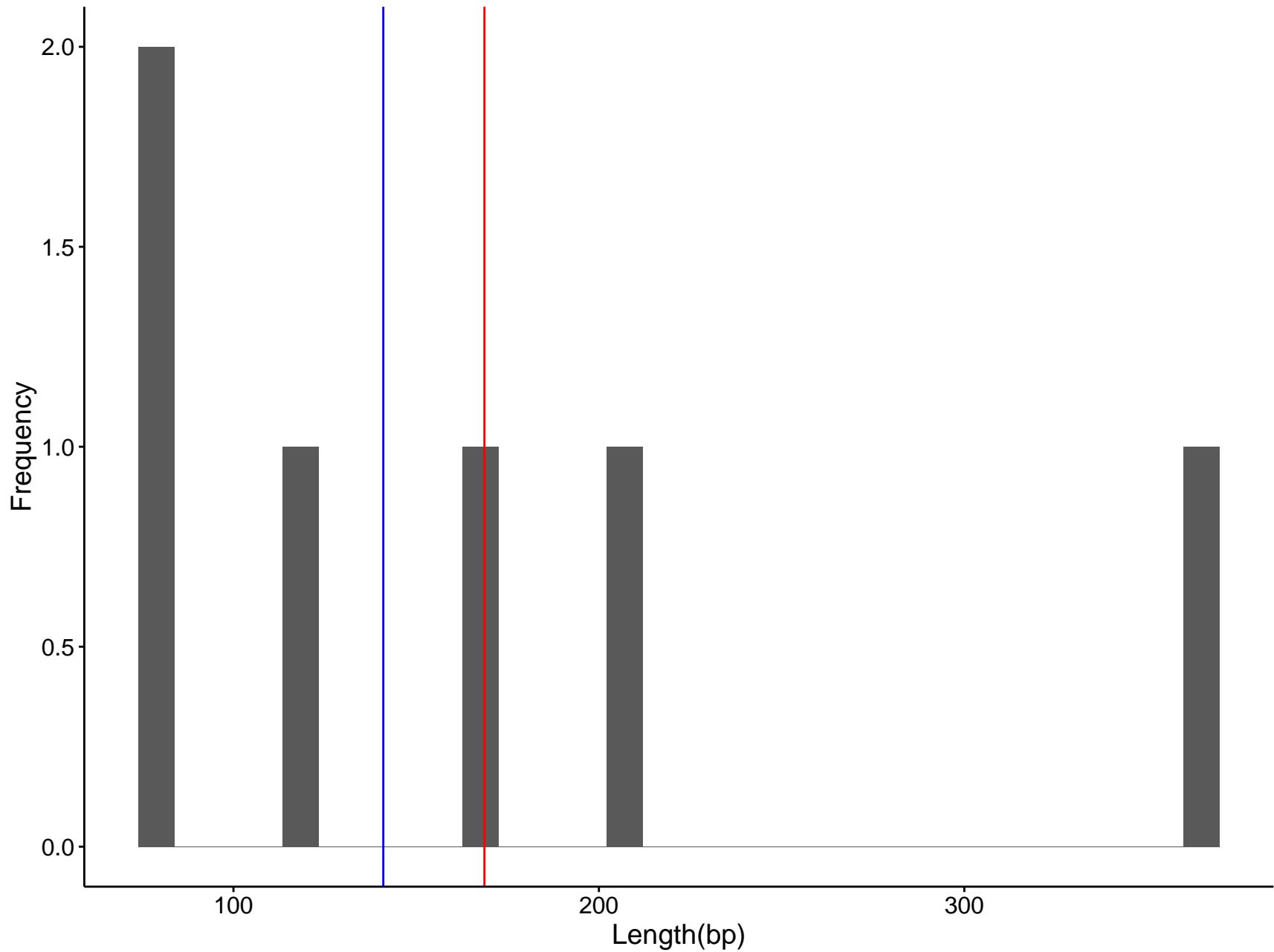




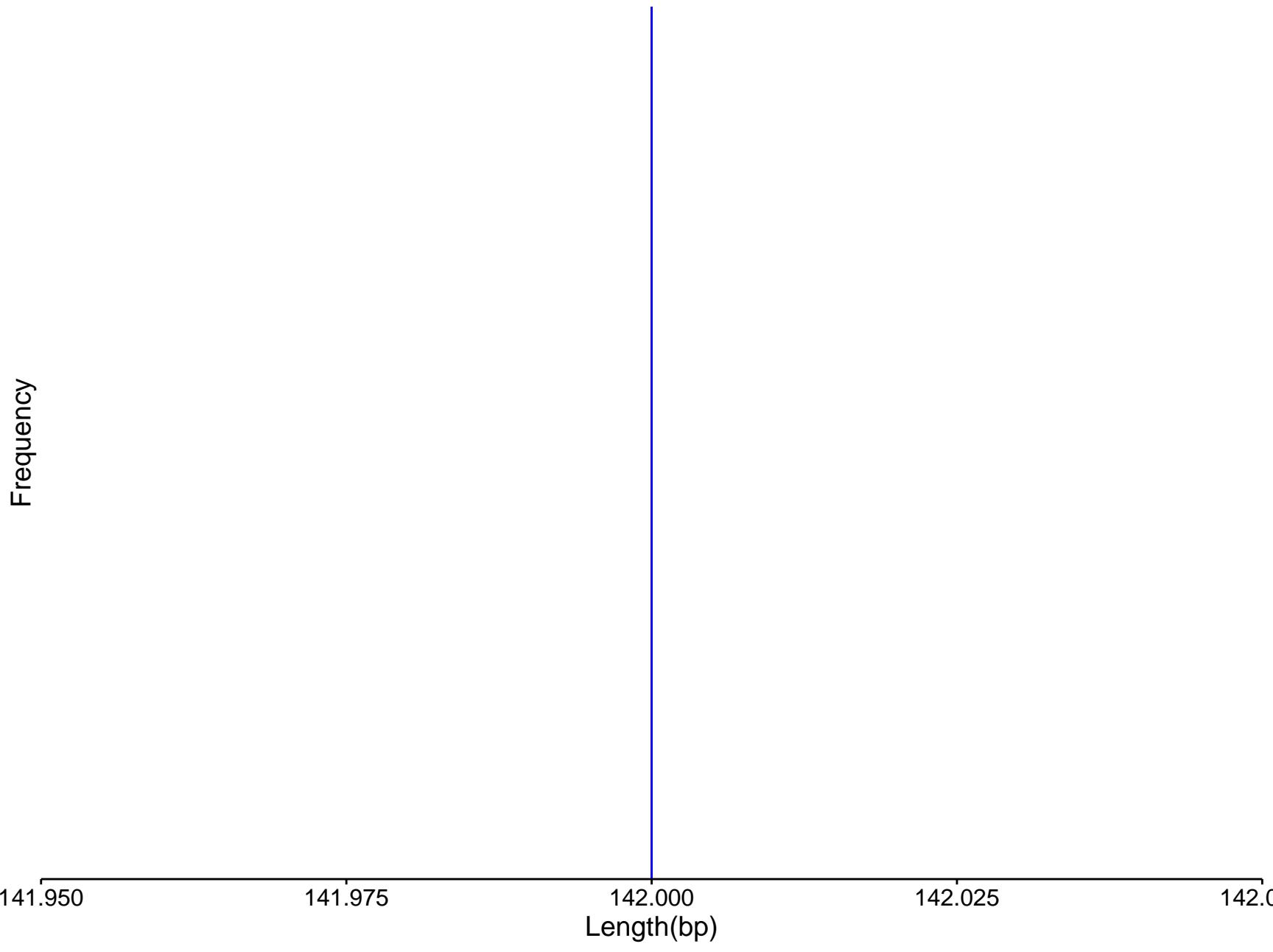
Cluster79



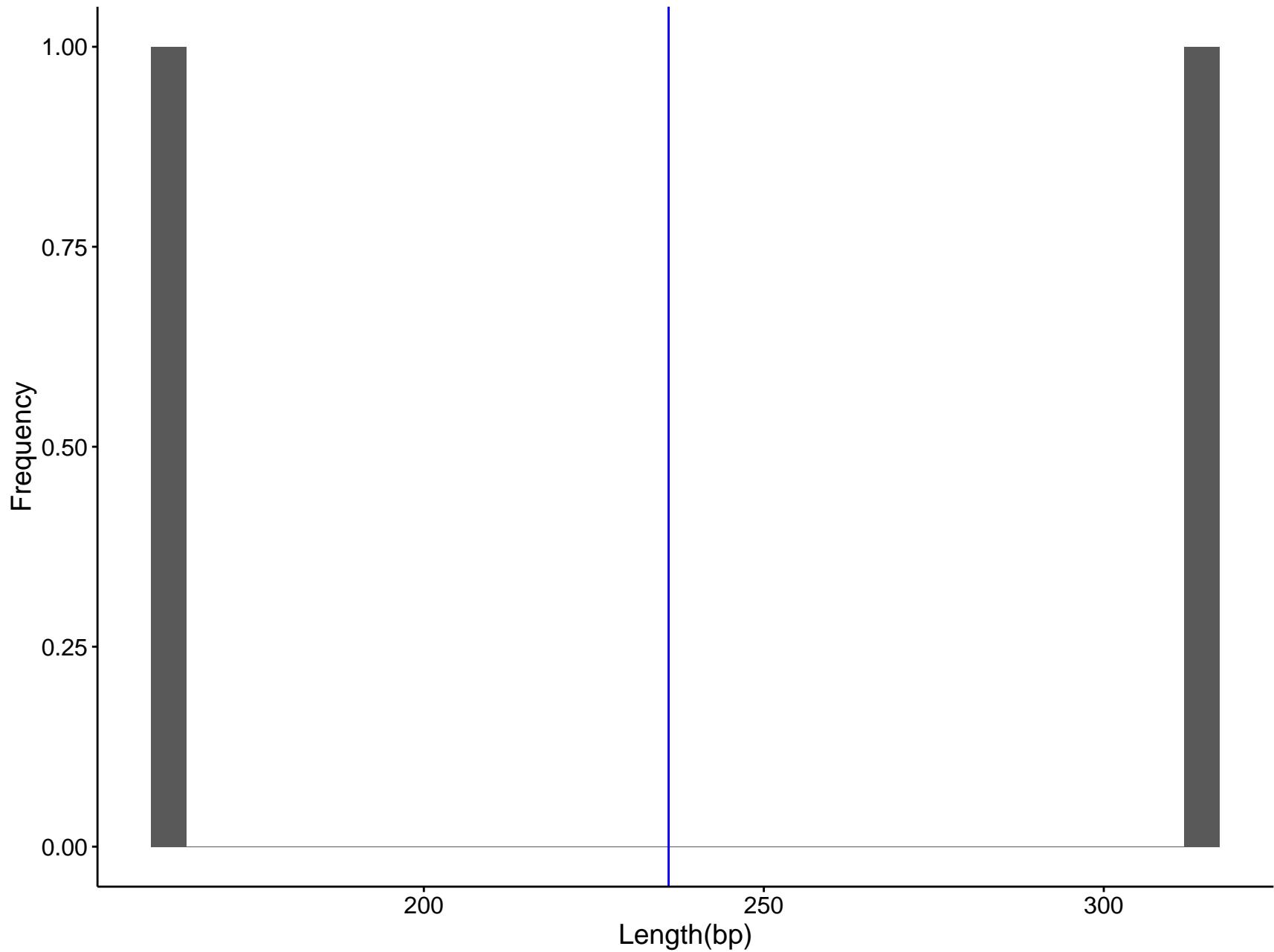
Cluster800



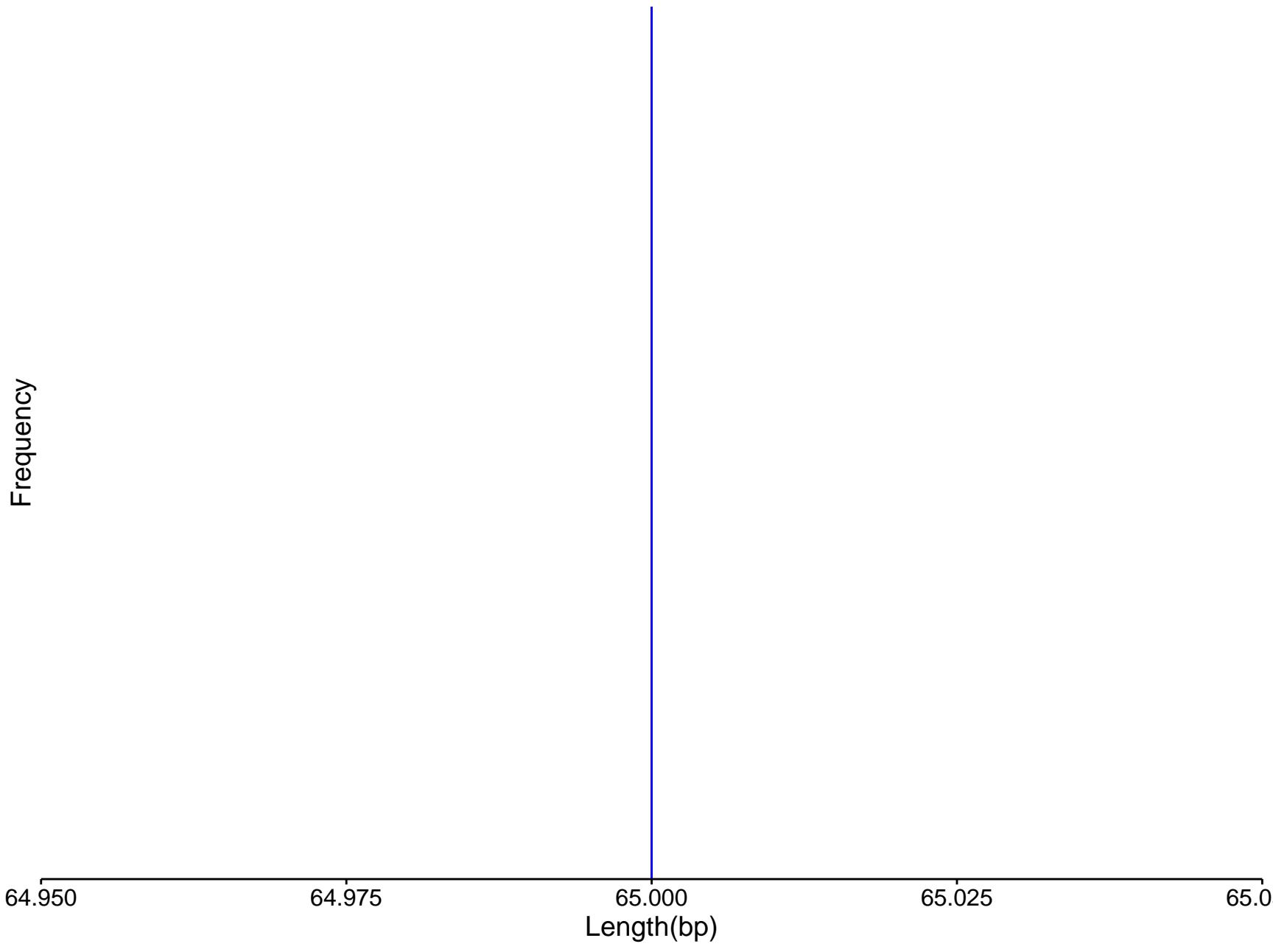
Cluster803



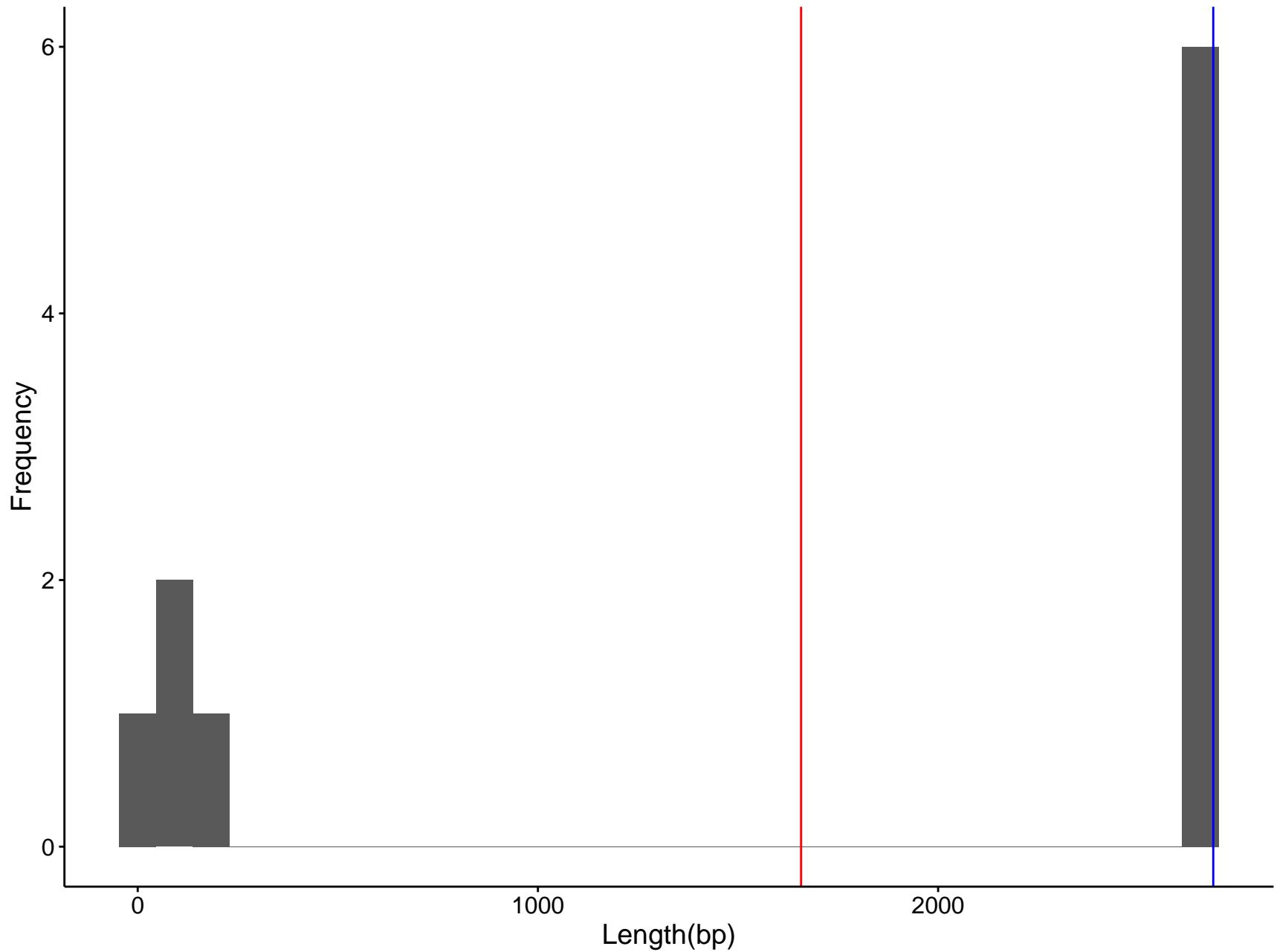
Cluster804



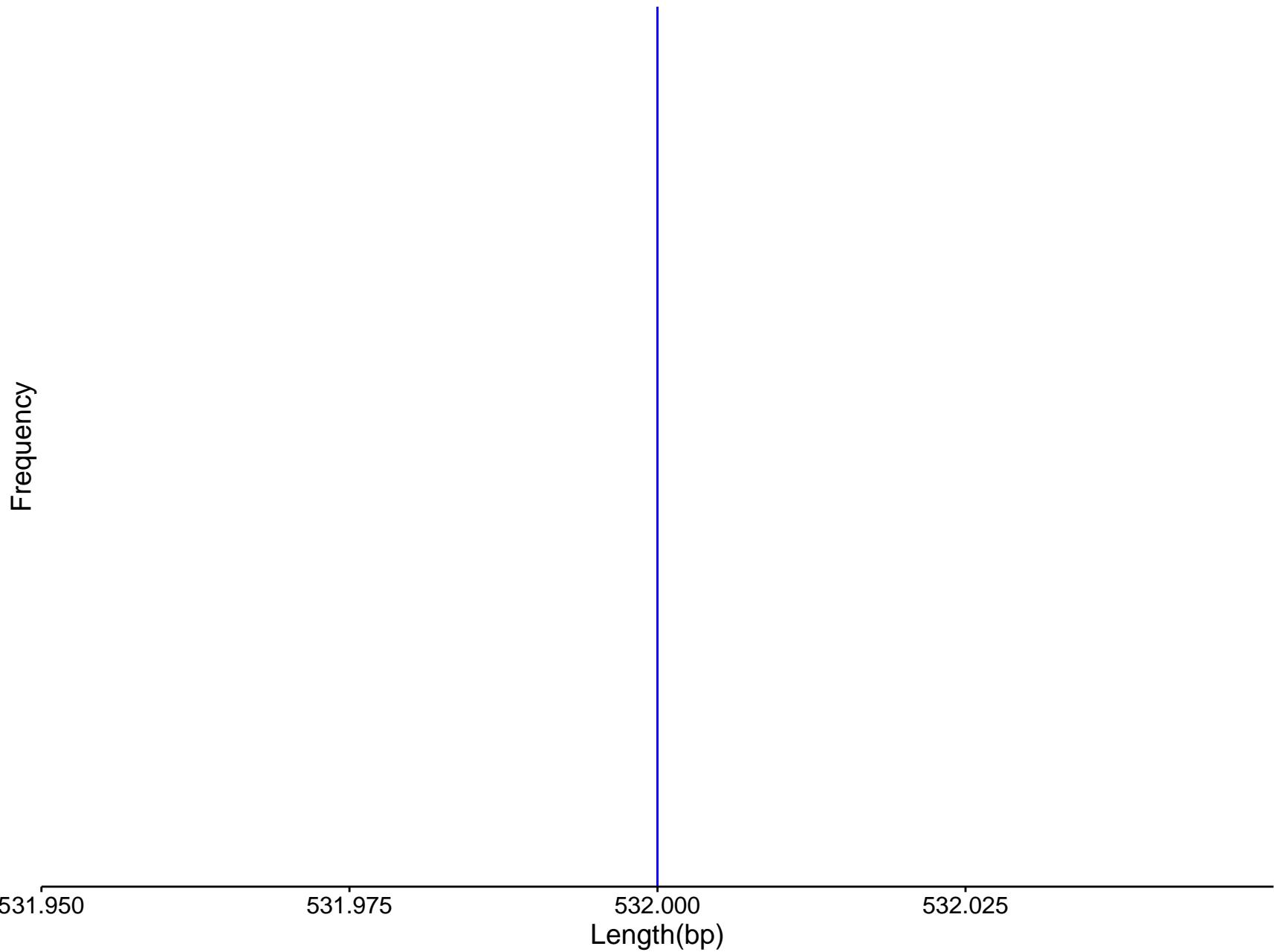
Cluster805



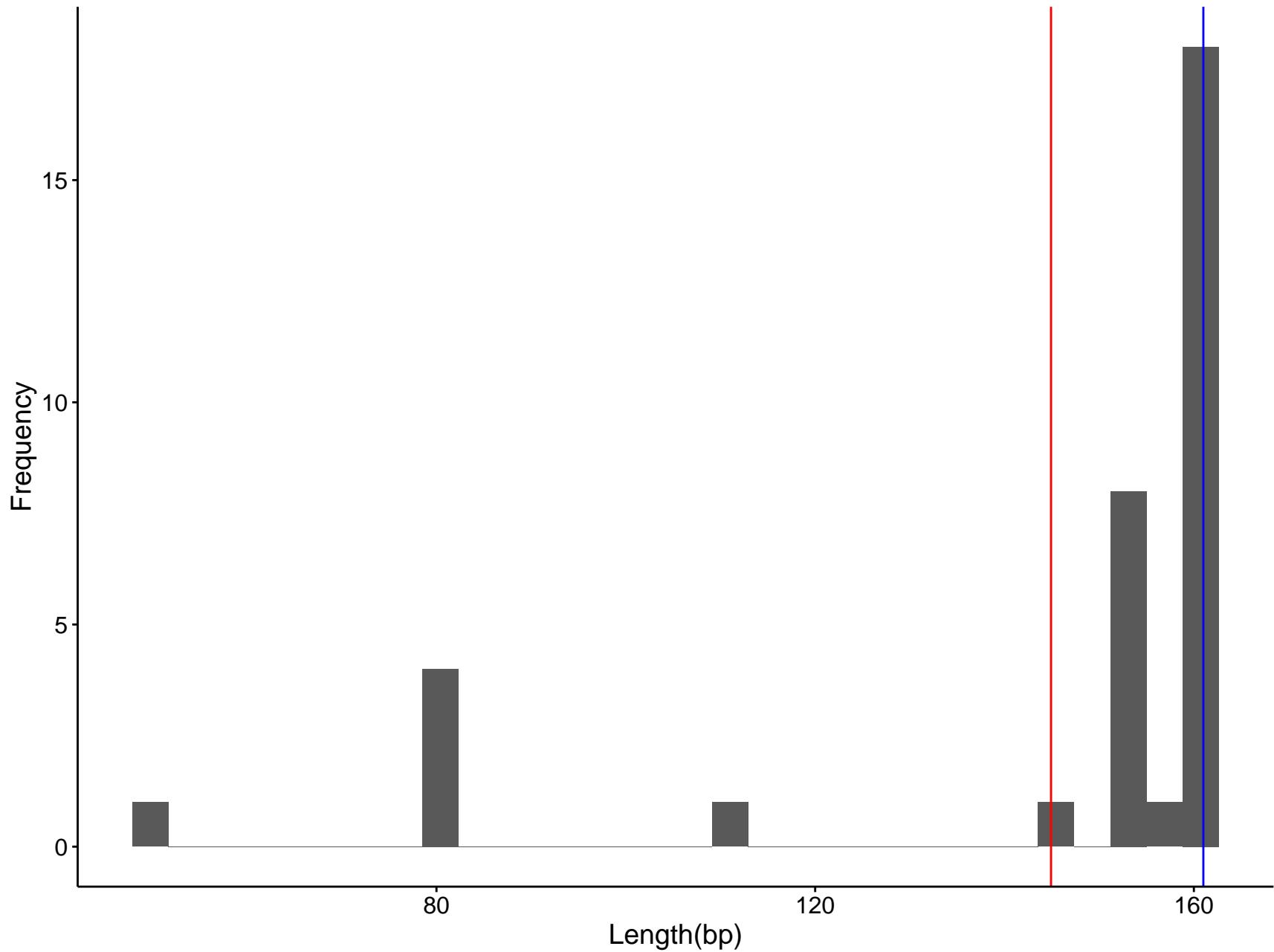
Cluster806



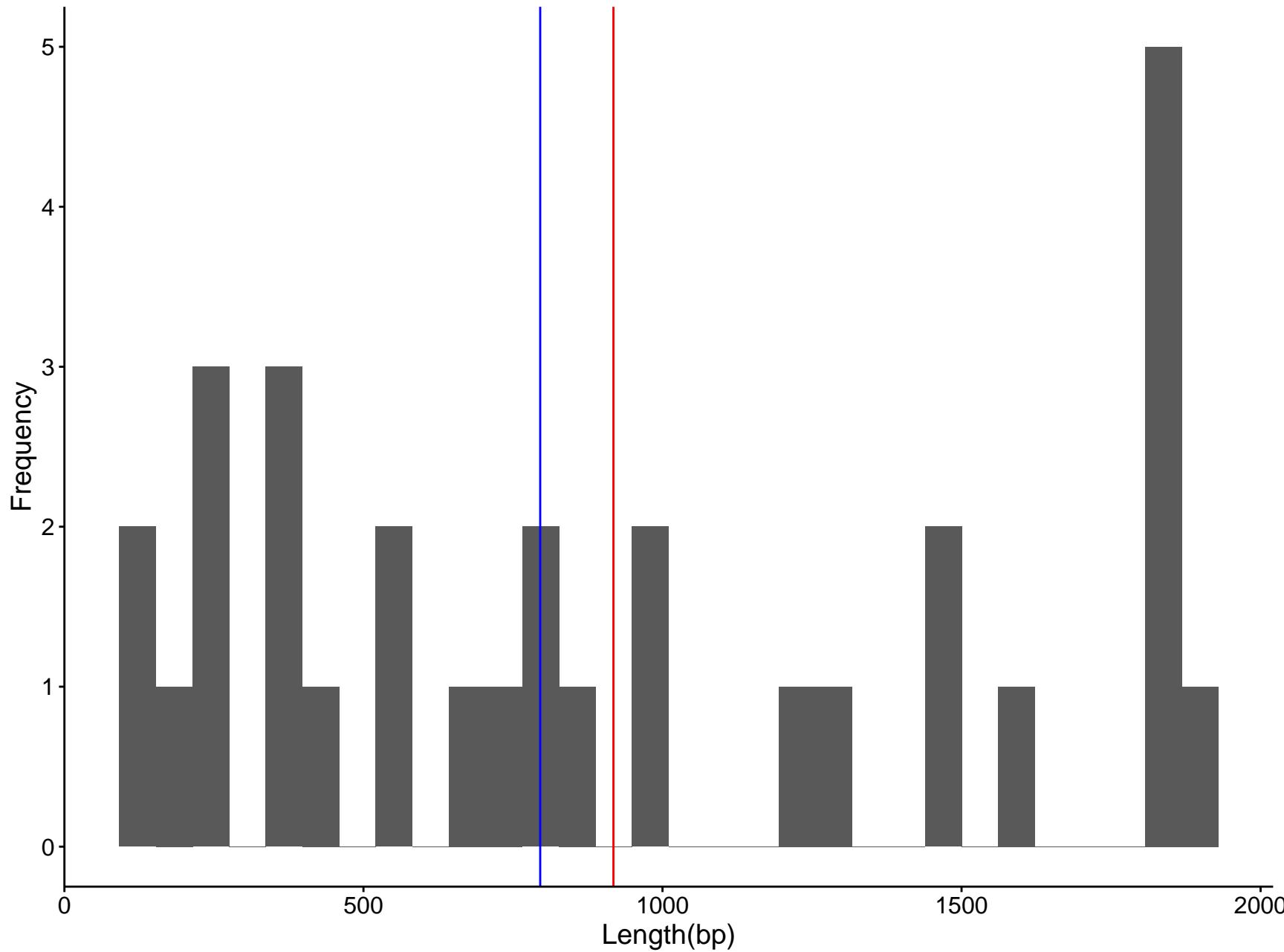
Cluster808



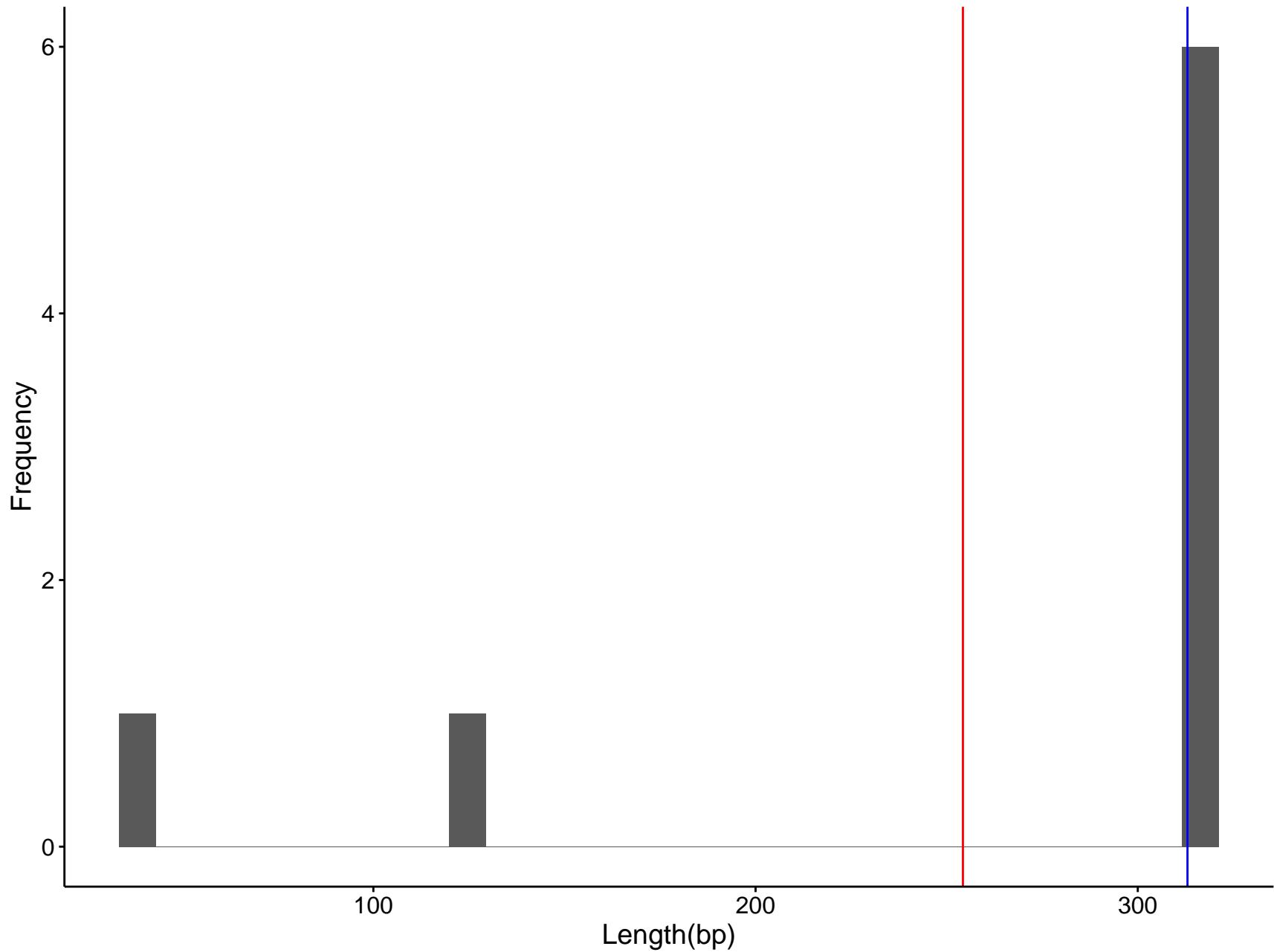
Cluster80



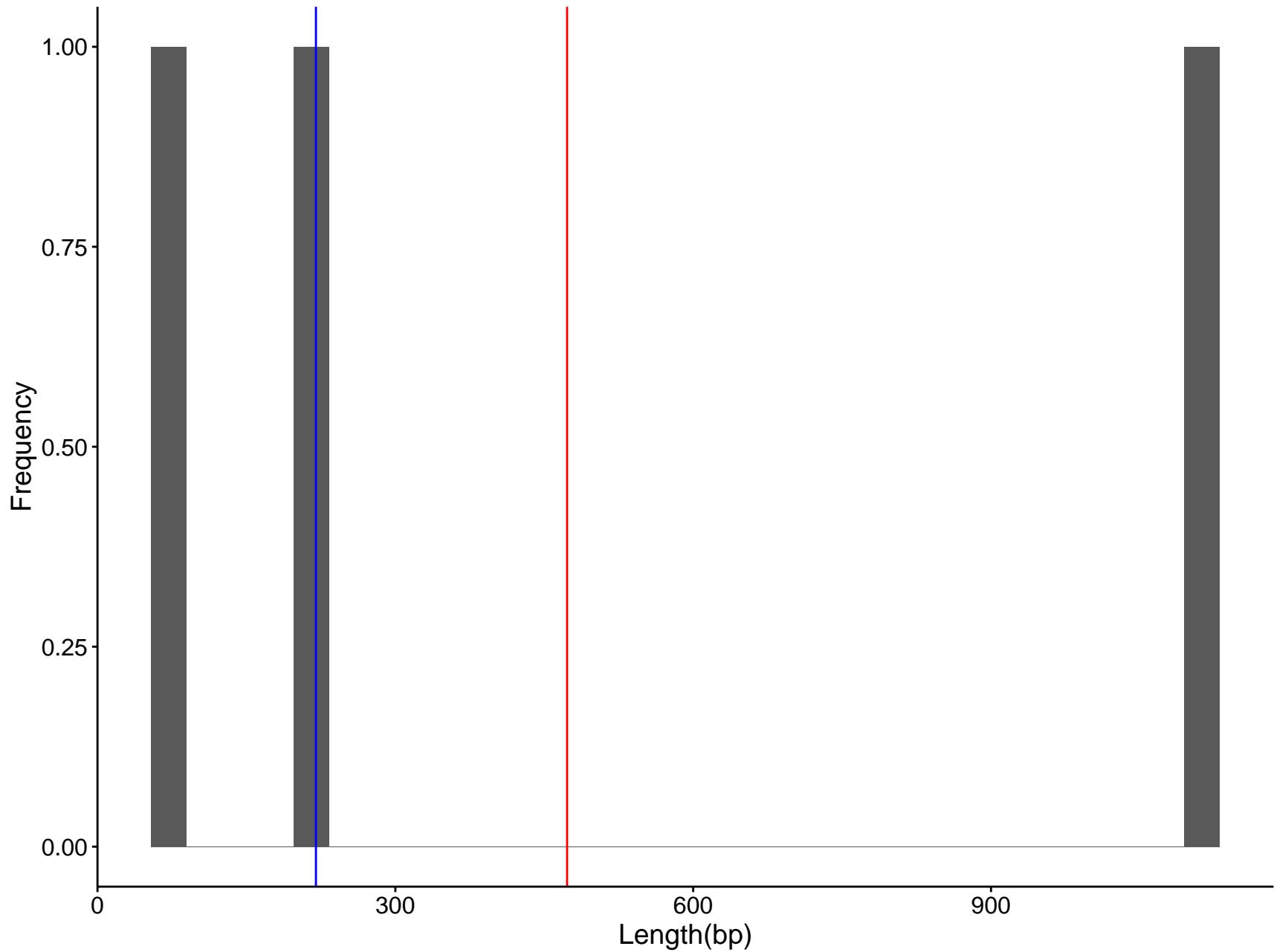
Cluster810



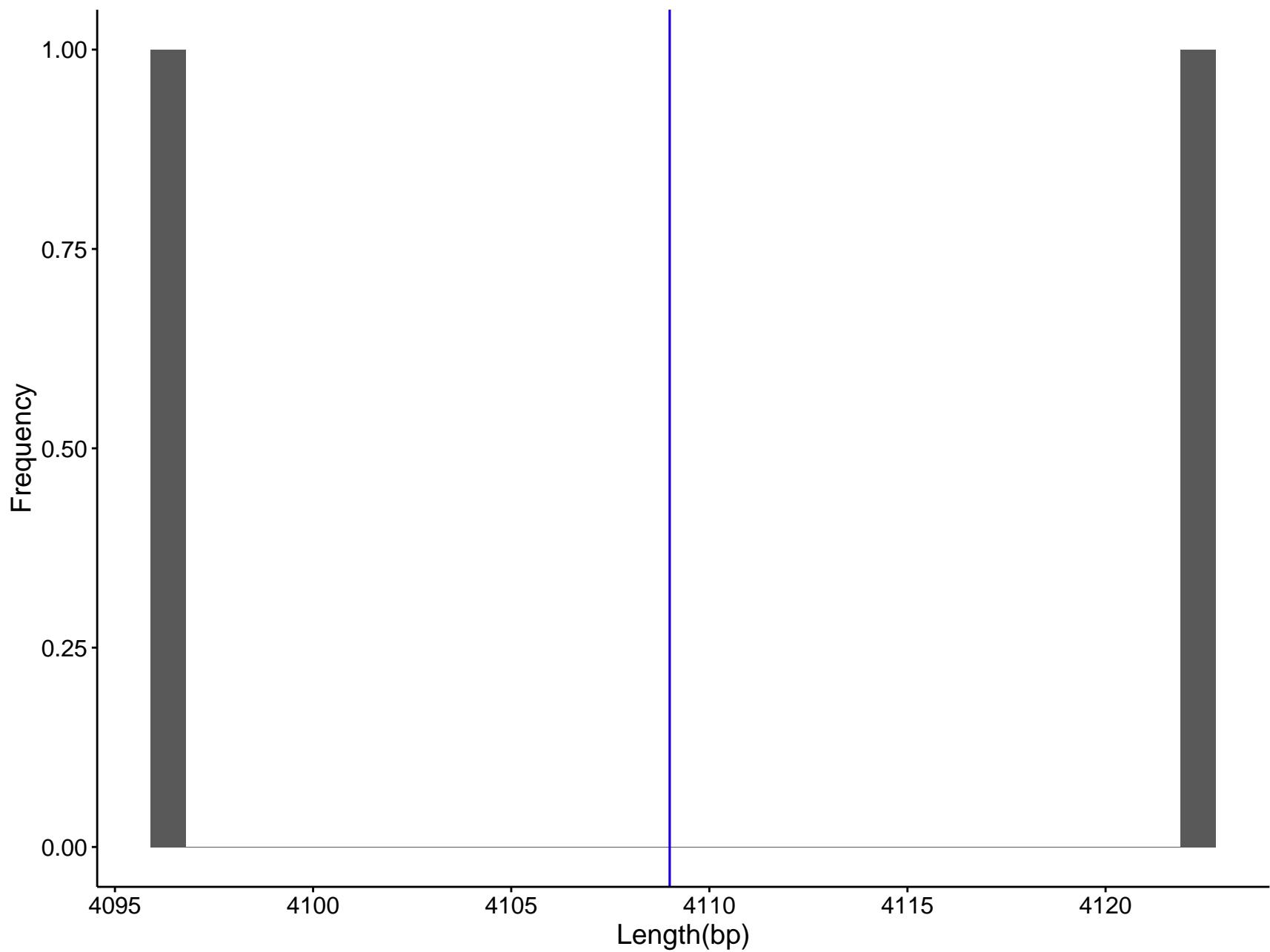
Cluster813



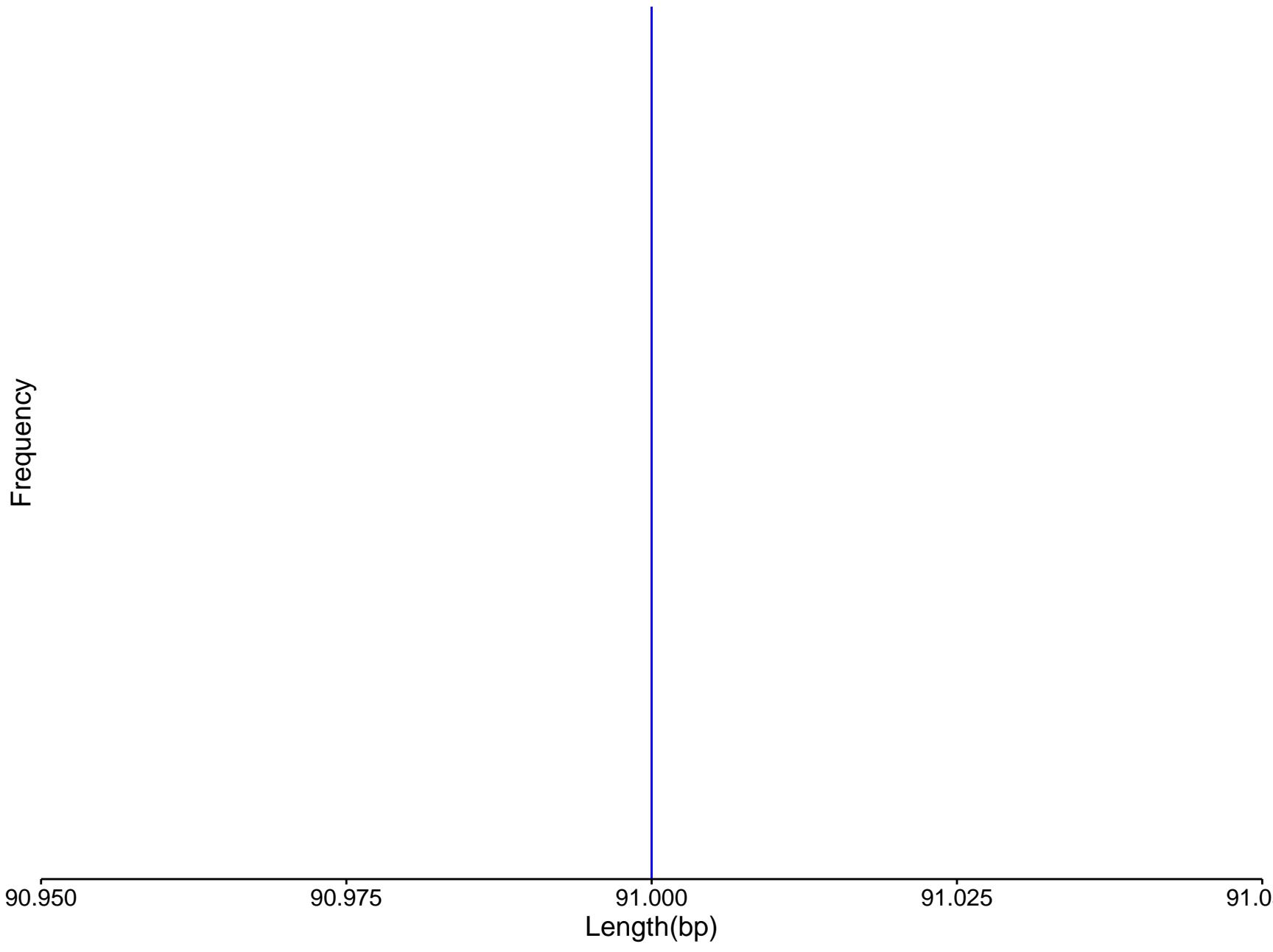
Cluster815



Cluster819



Cluster821



Cluster822

Frequency

382.950

382.975

383.000

383.025

Length(bp)



Cluster823

Frequency

97.950

97.975

98.000

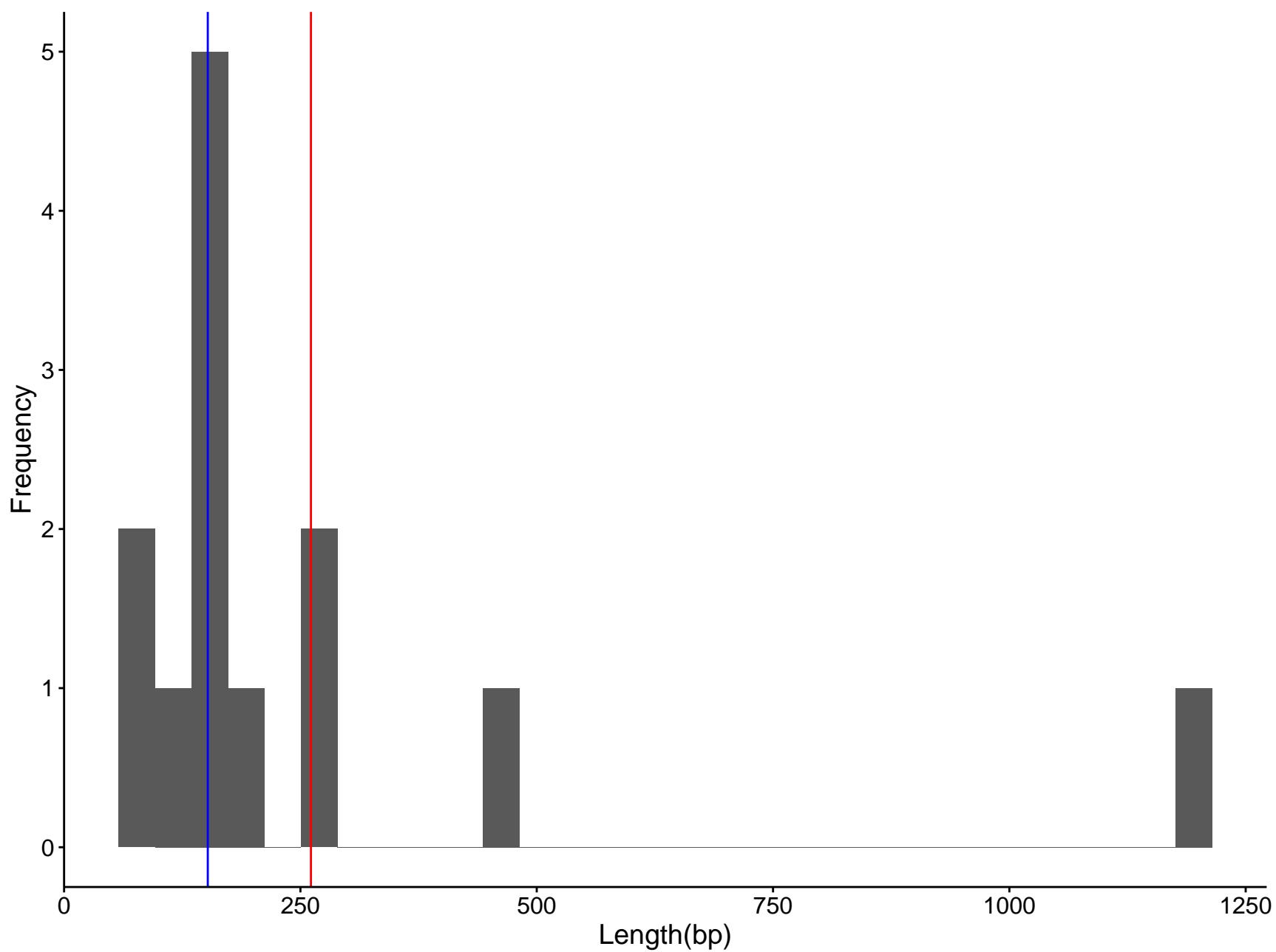
98.025

98.0

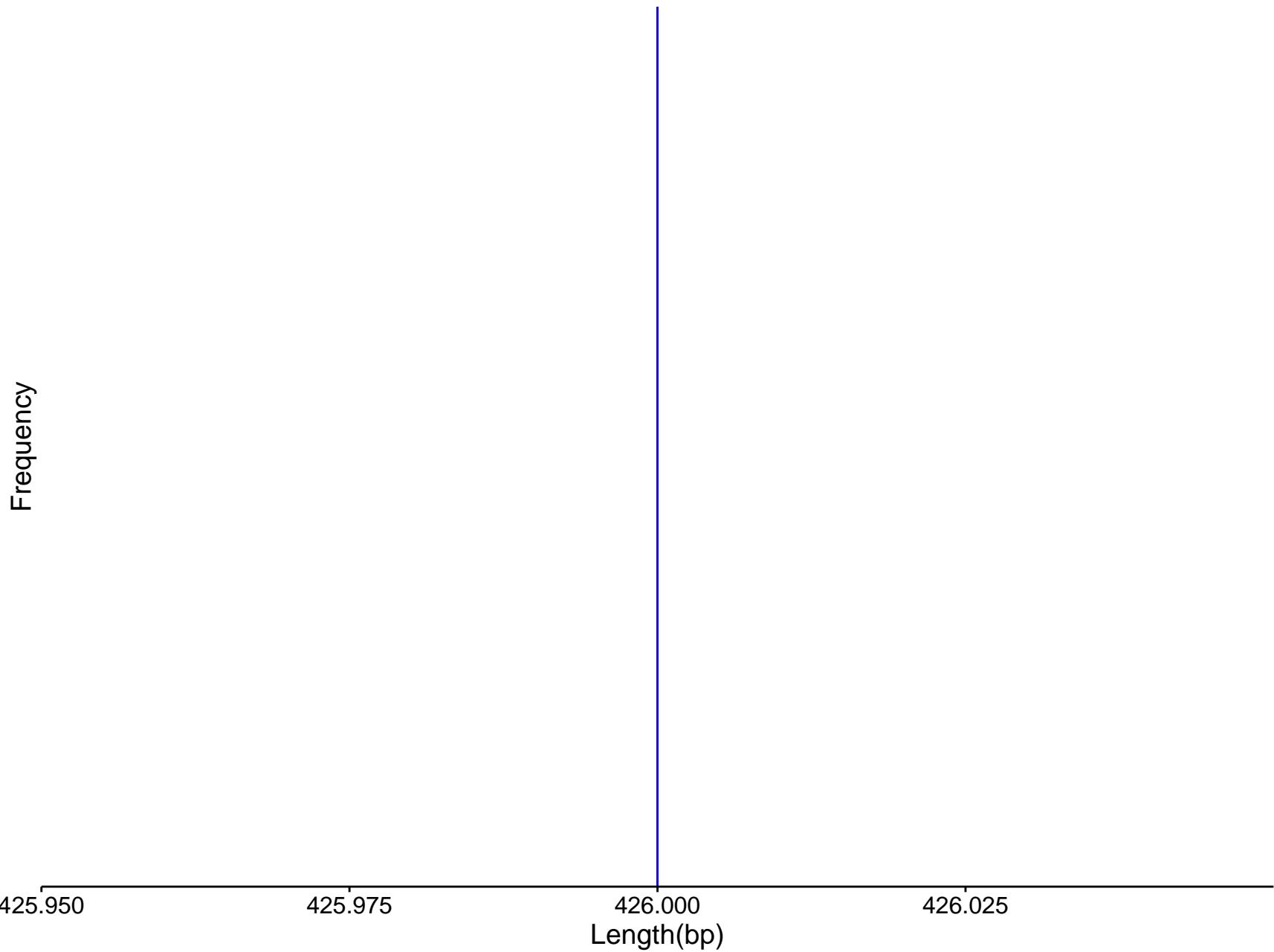
Length(bp)



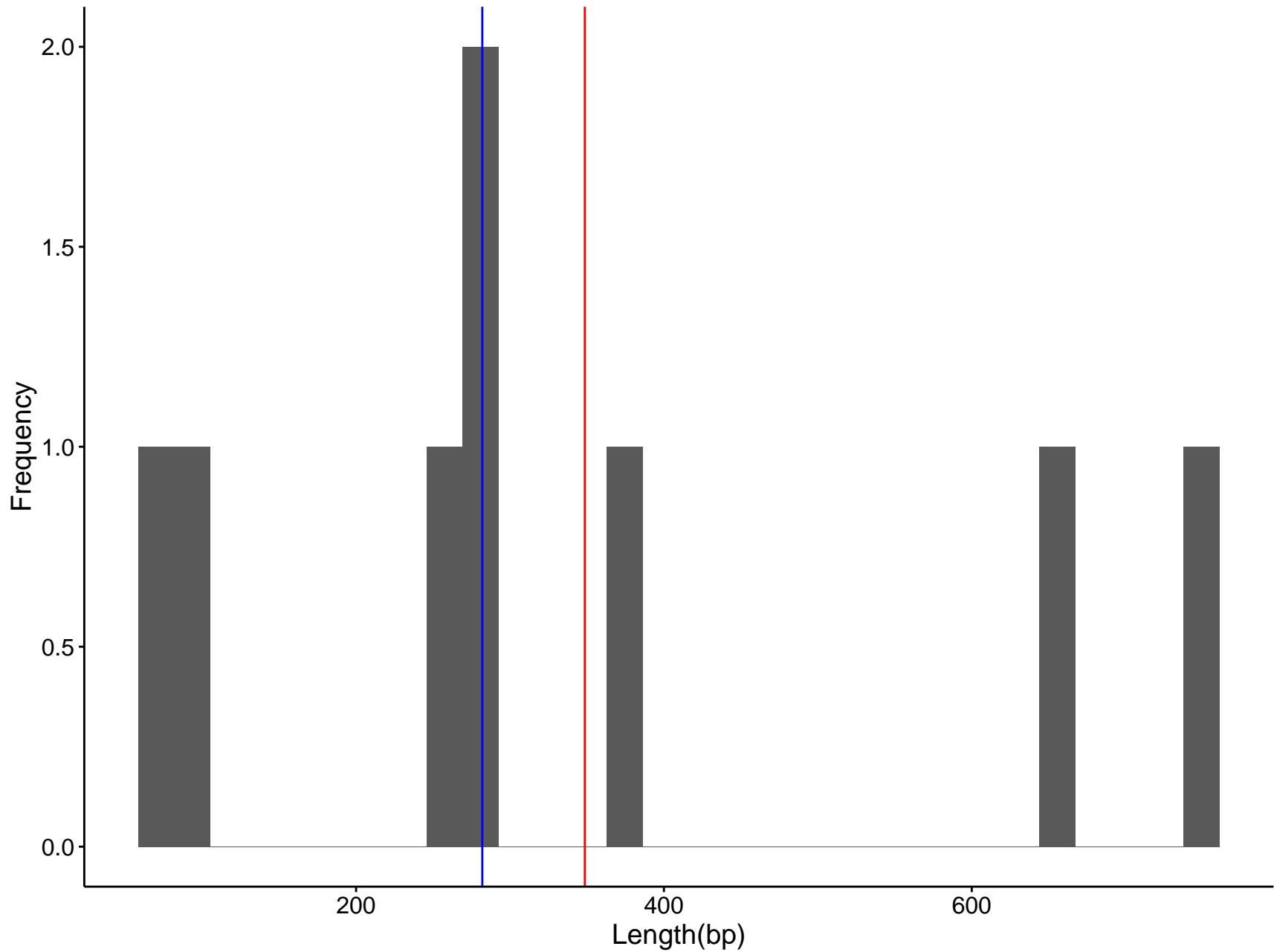
Cluster824



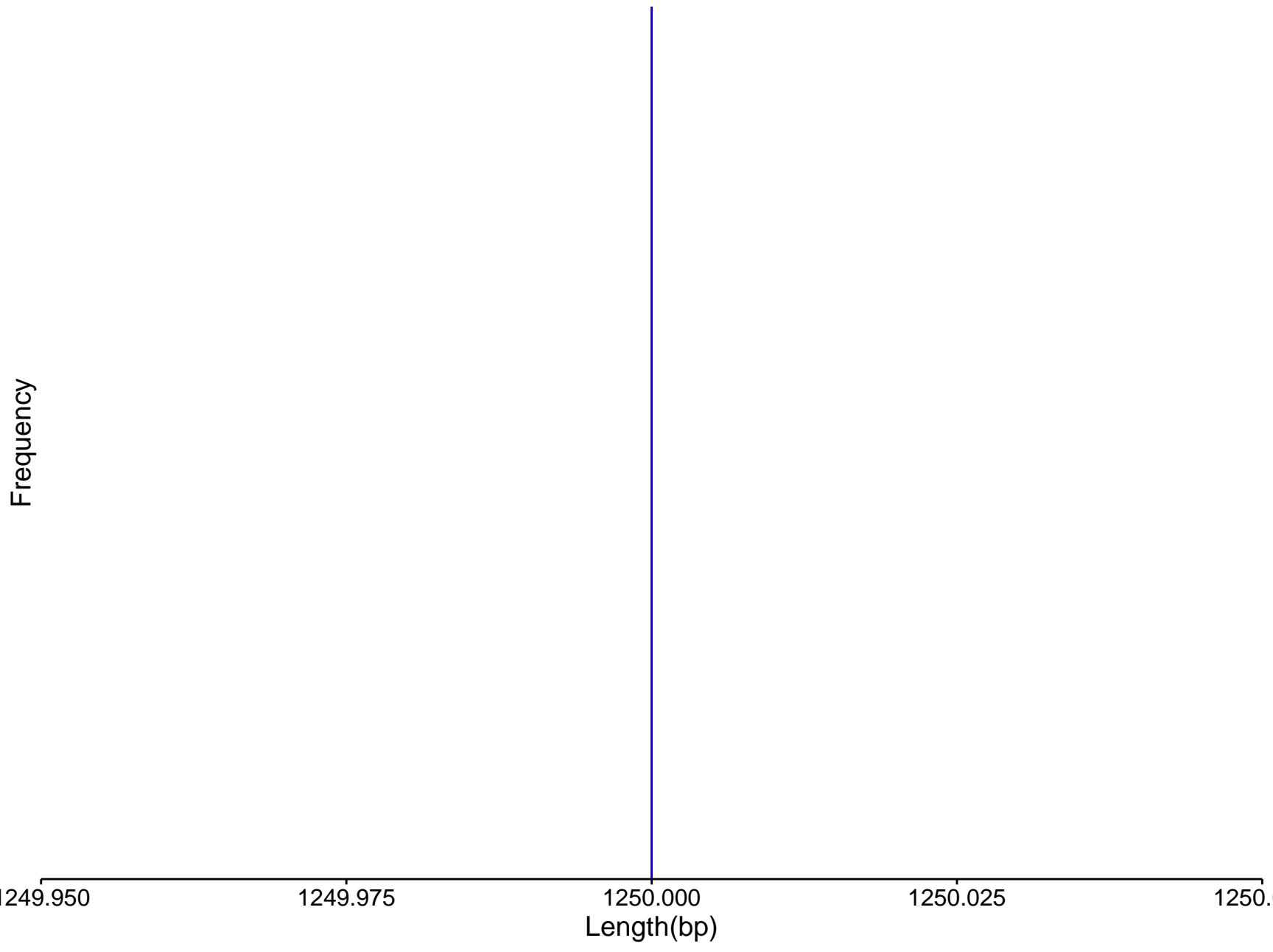
Cluster825



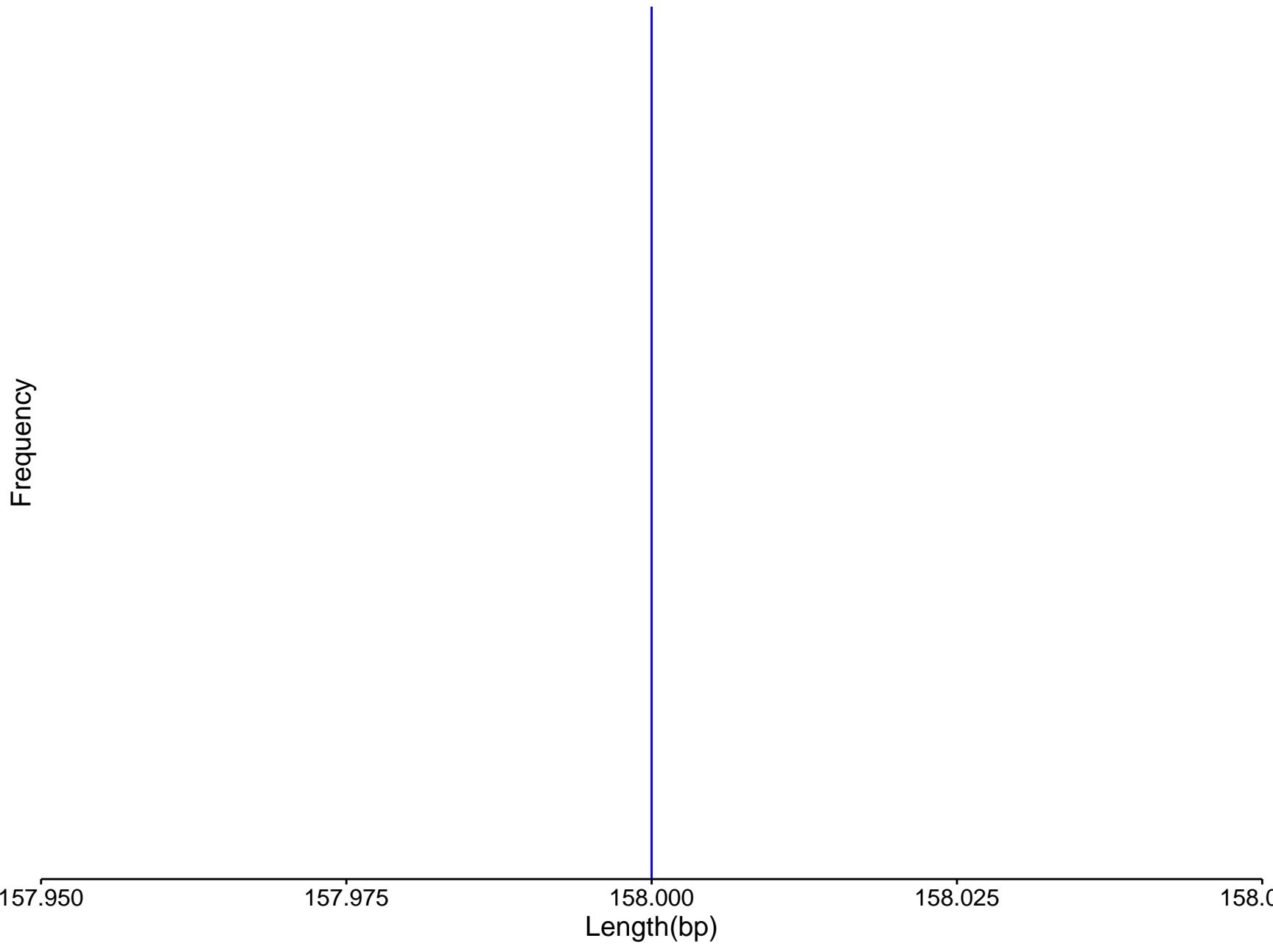
Cluster827



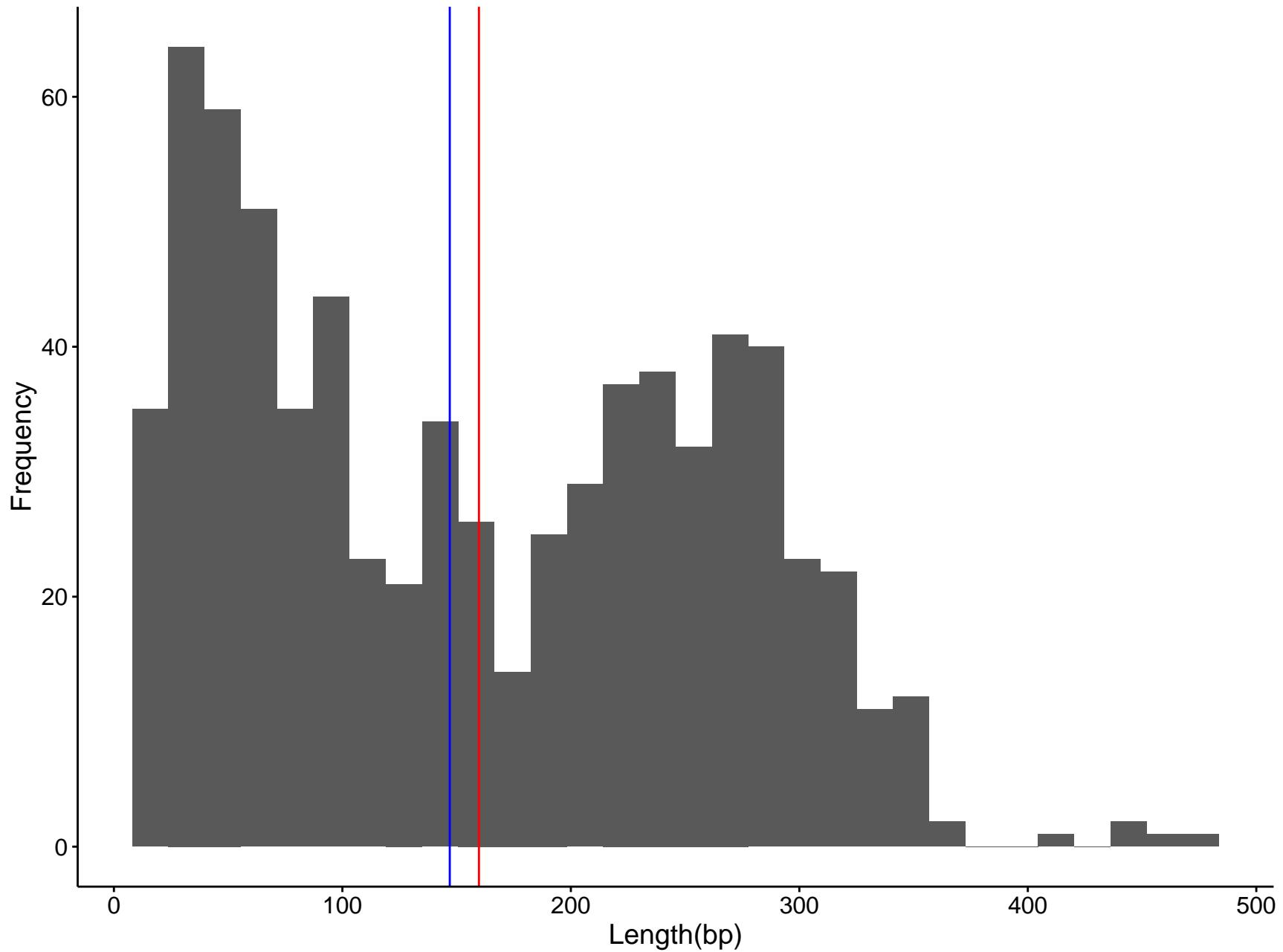
Cluster828



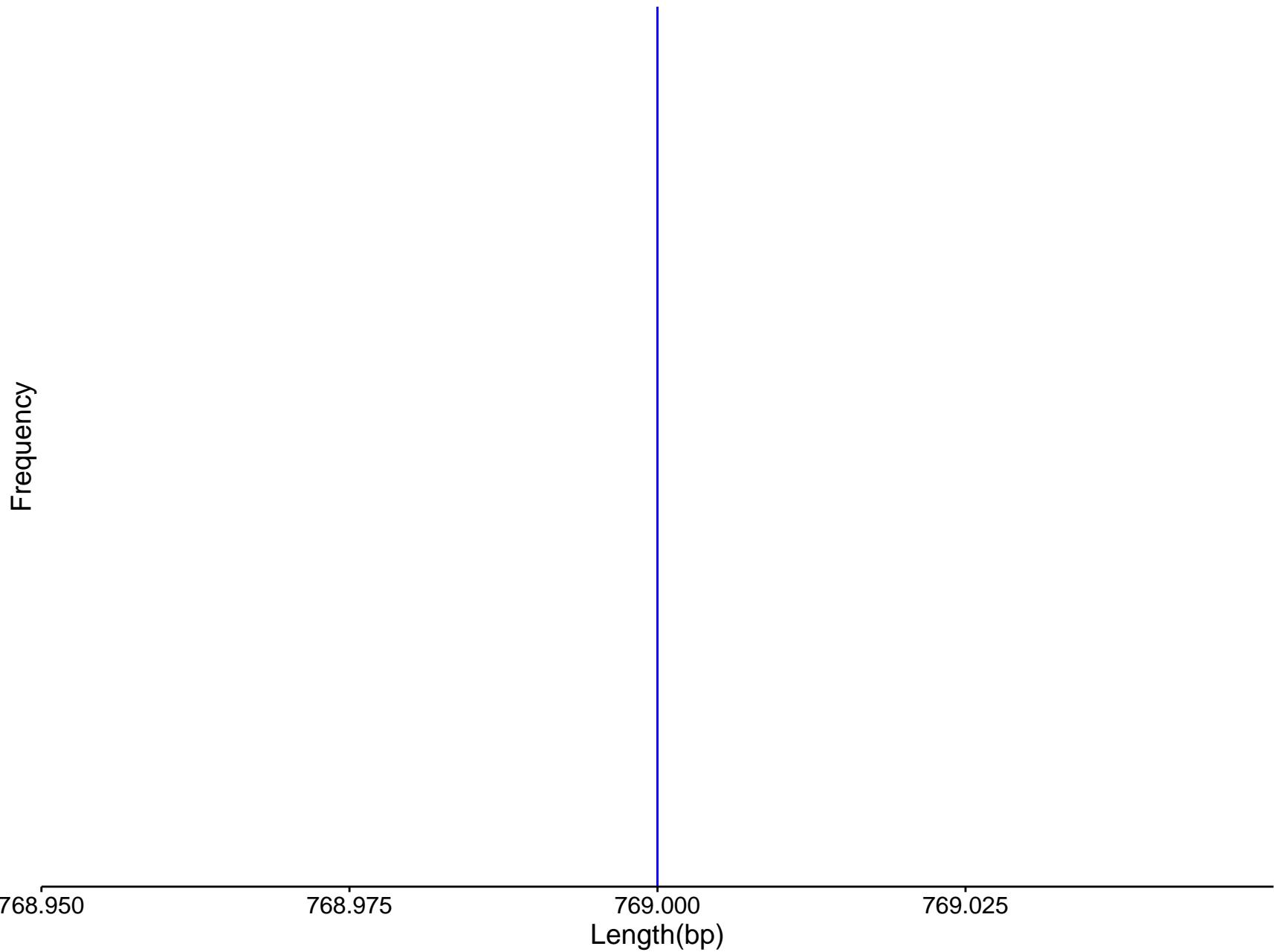
Cluster829



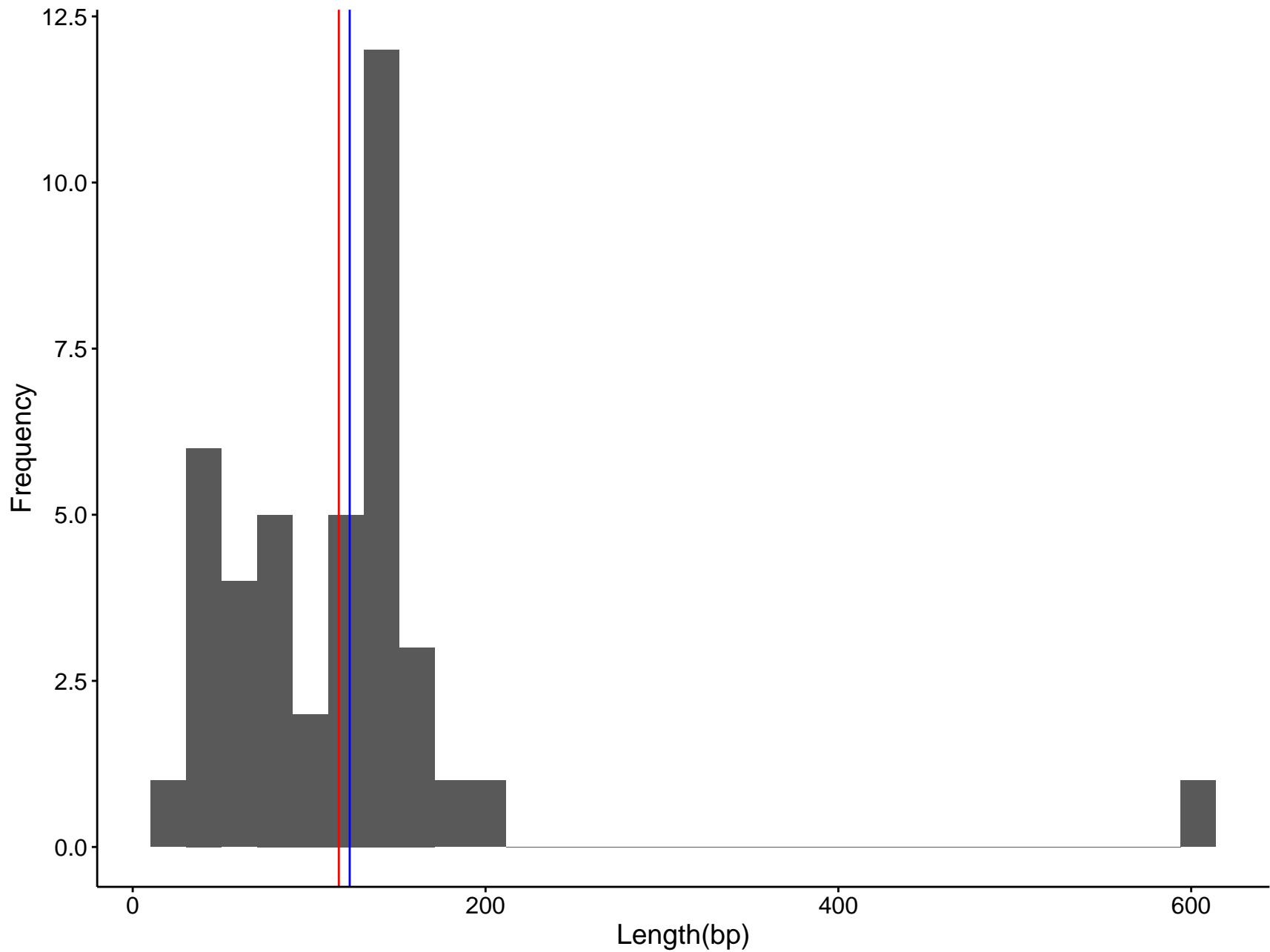
Cluster82



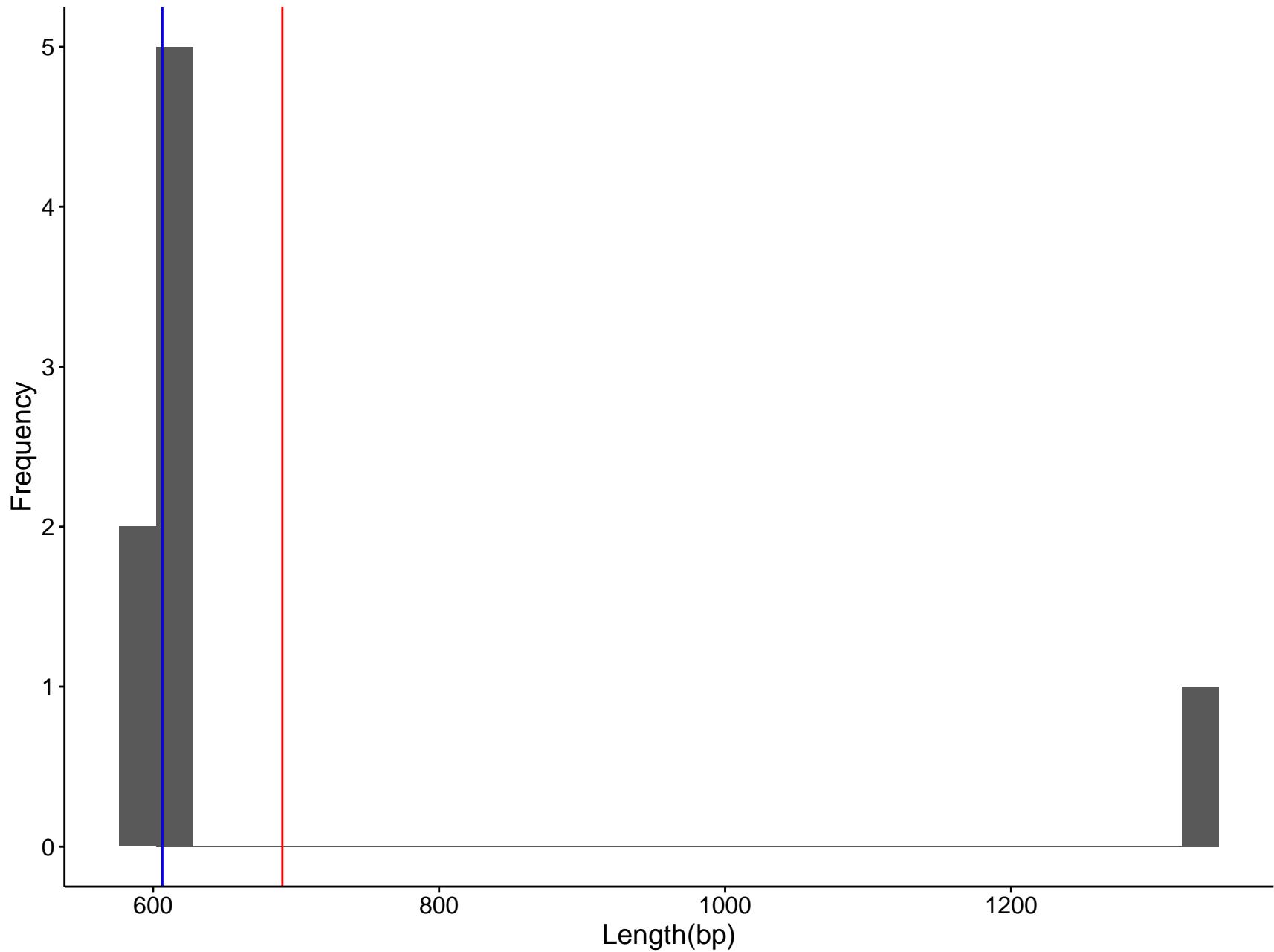
Cluster832



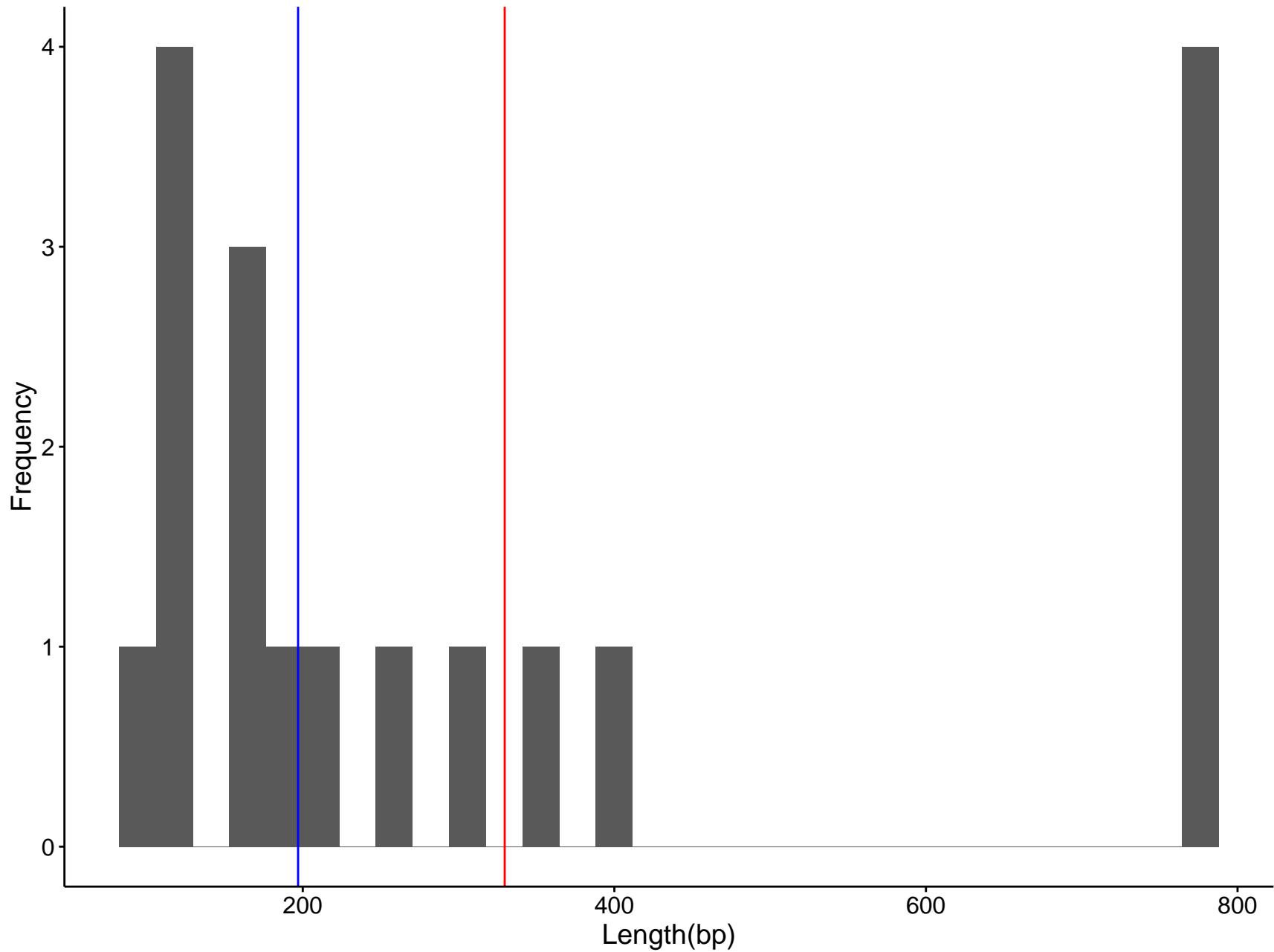
Cluster833



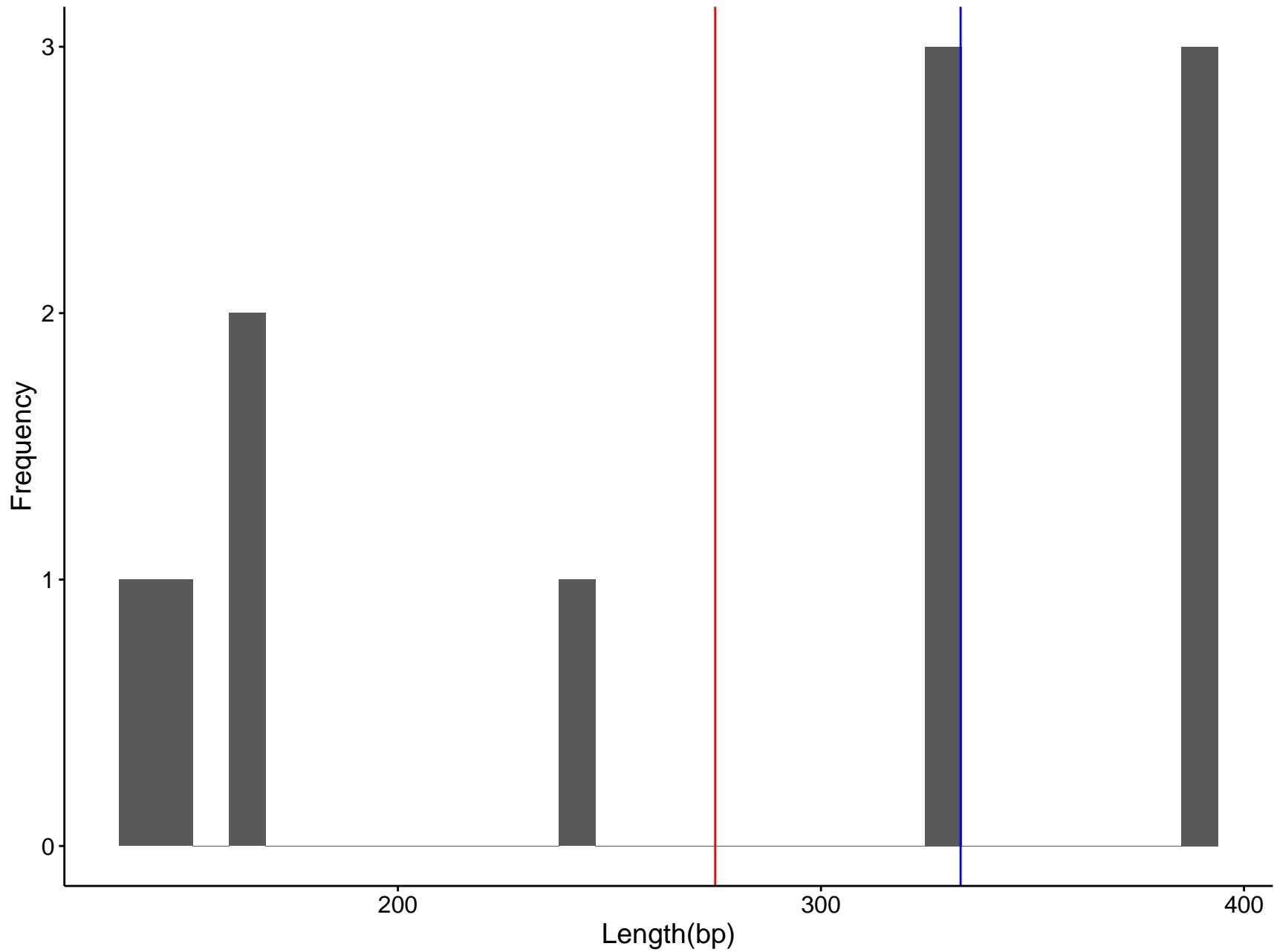
Cluster834



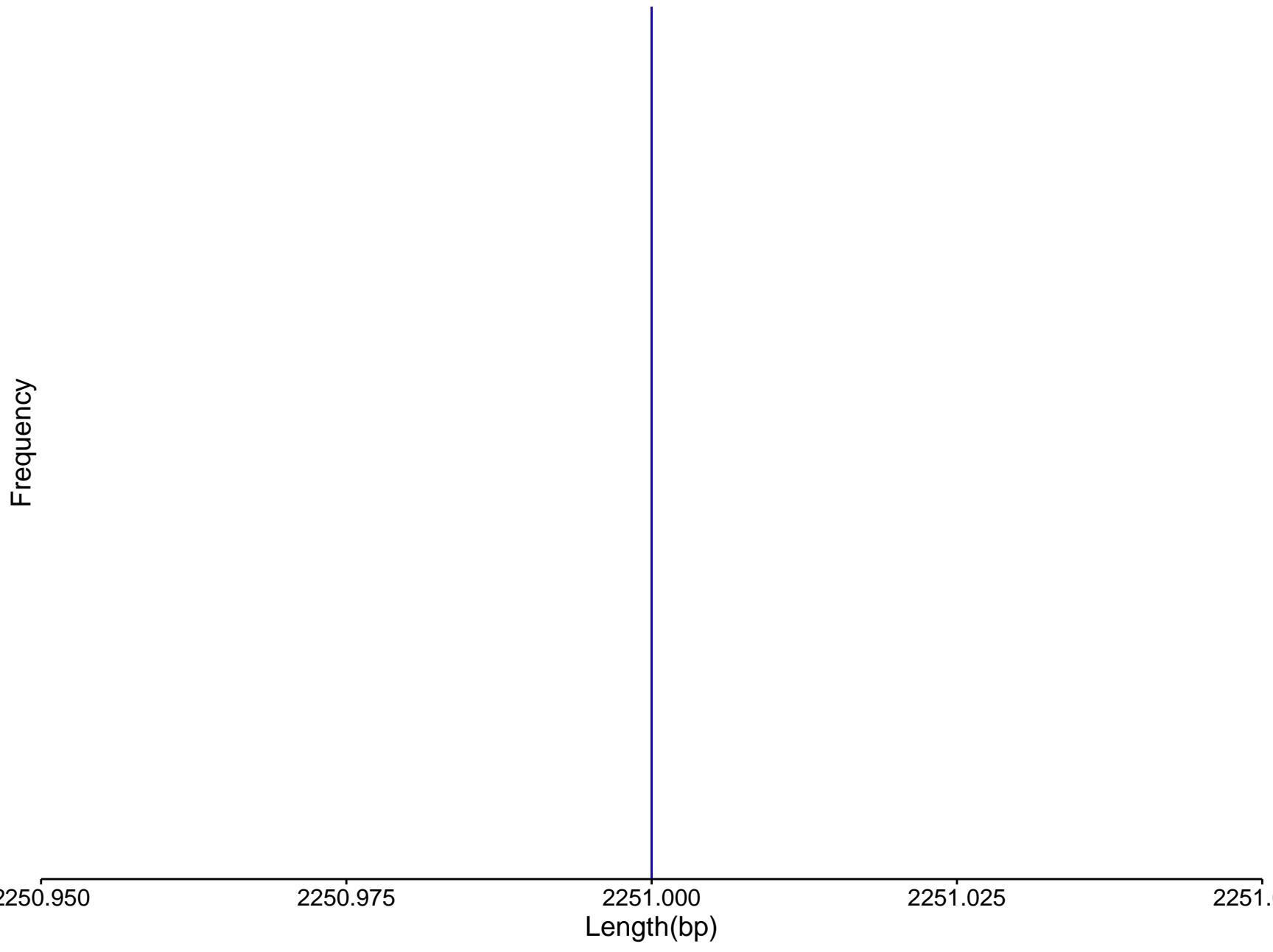
Cluster835



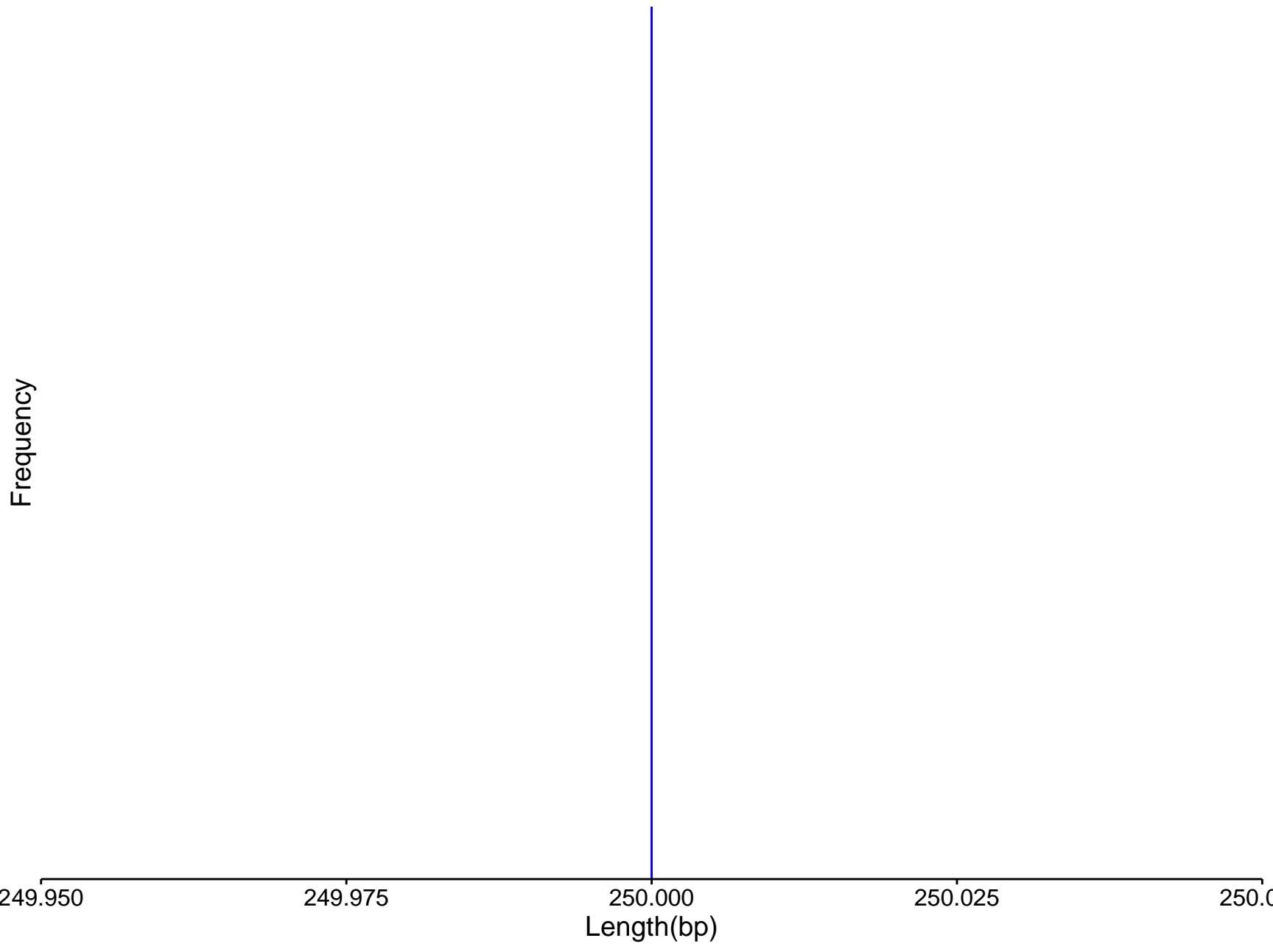
Cluster836



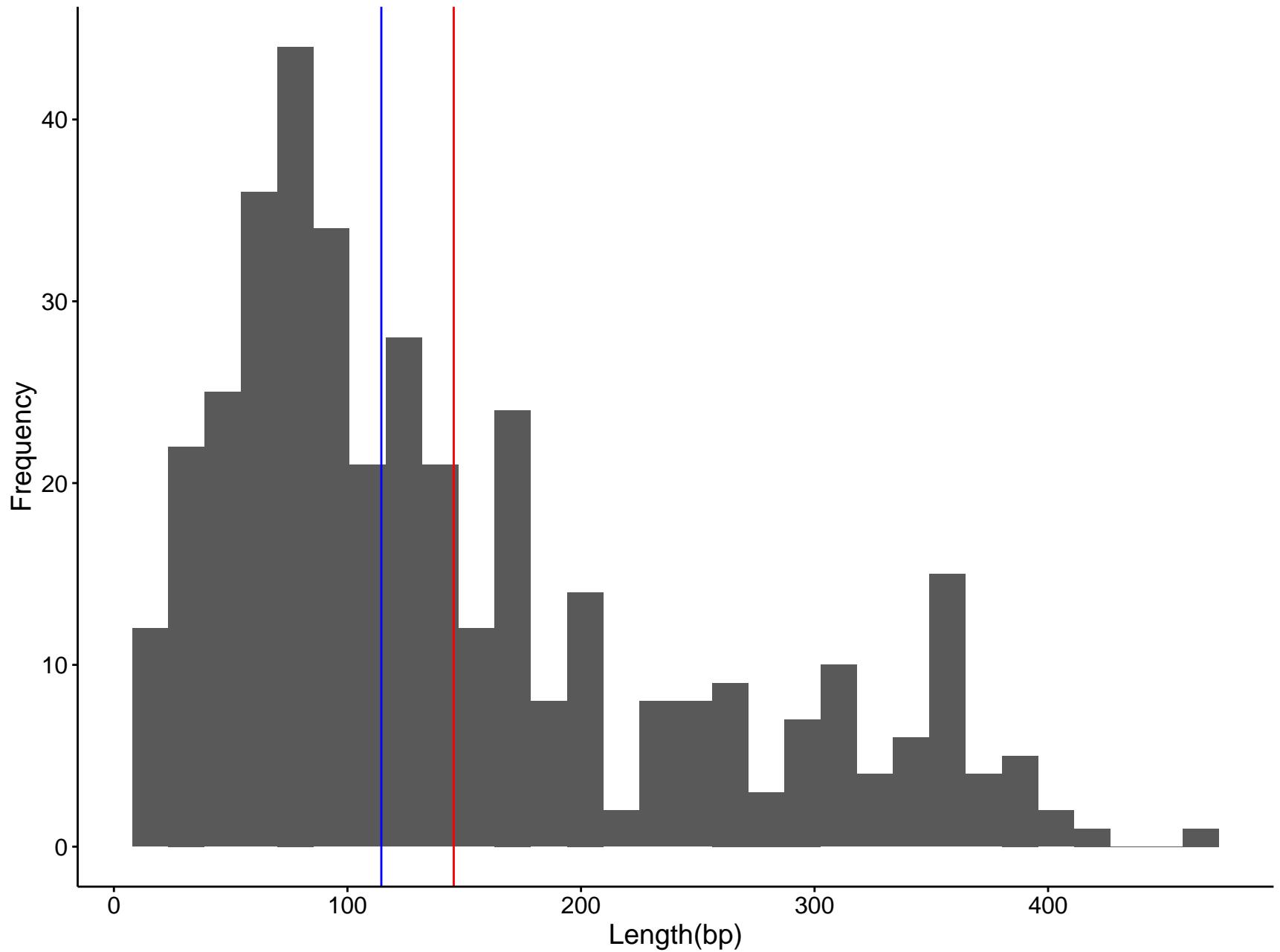
Cluster838



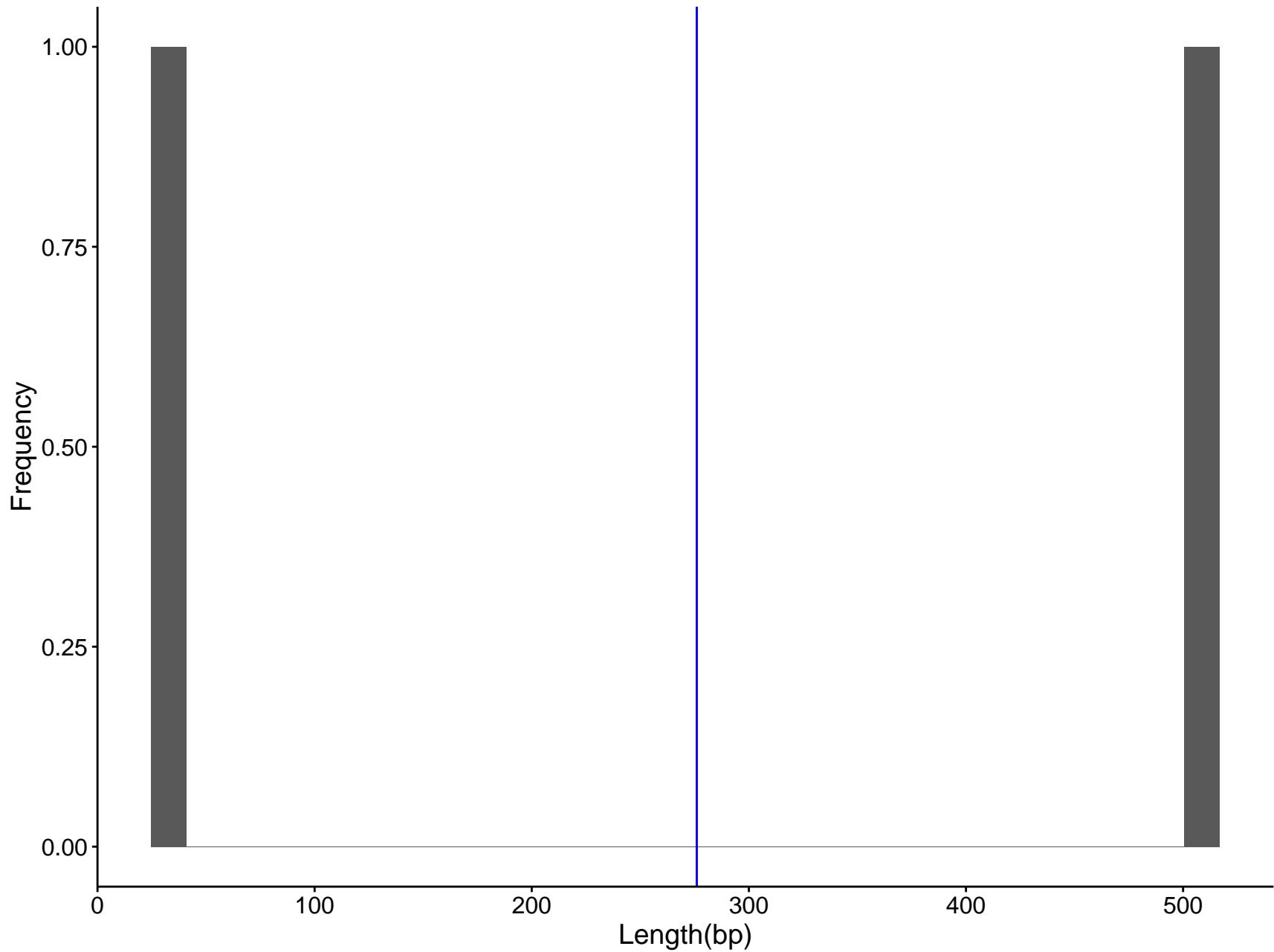
Cluster839



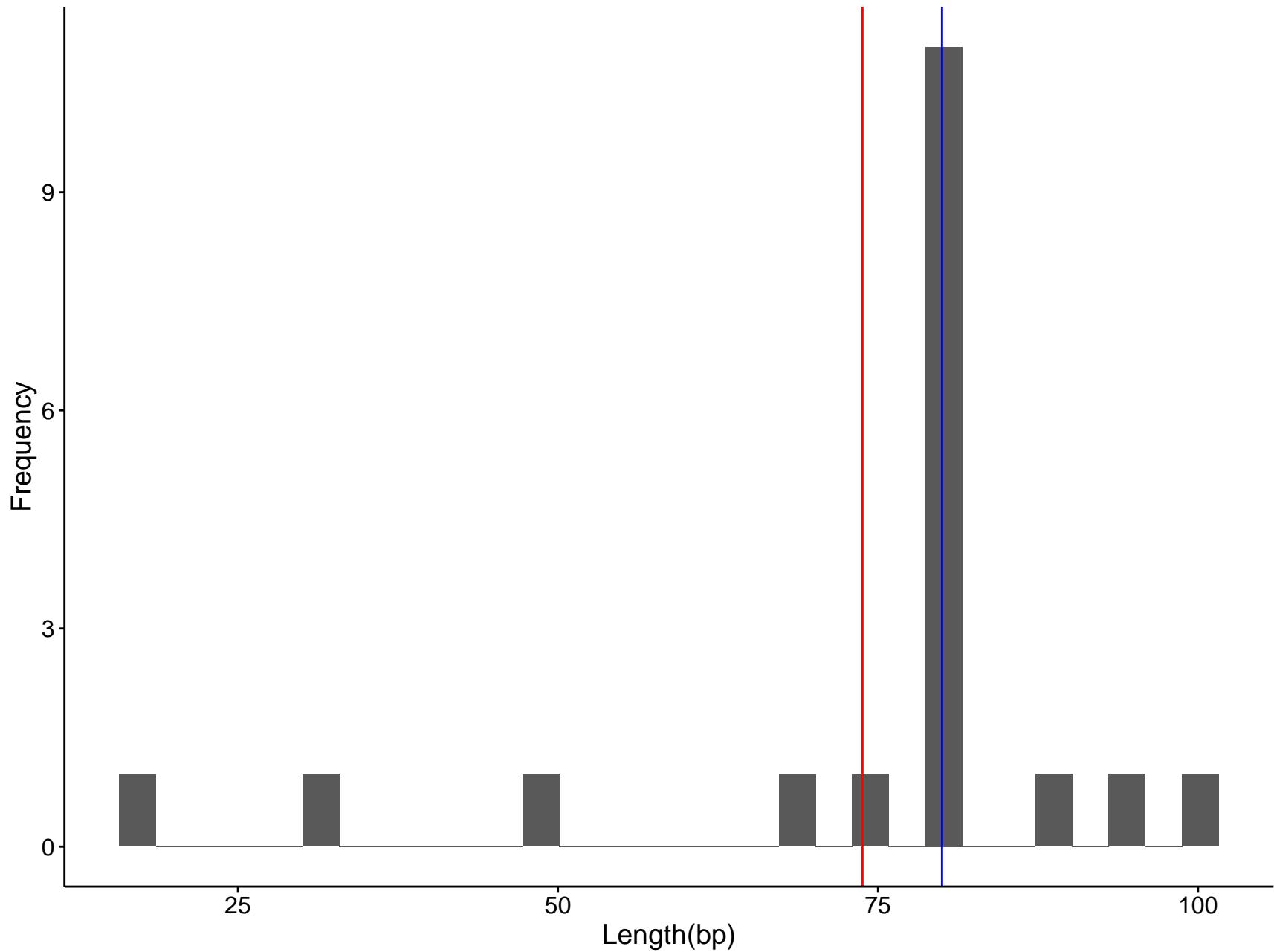
Cluster83



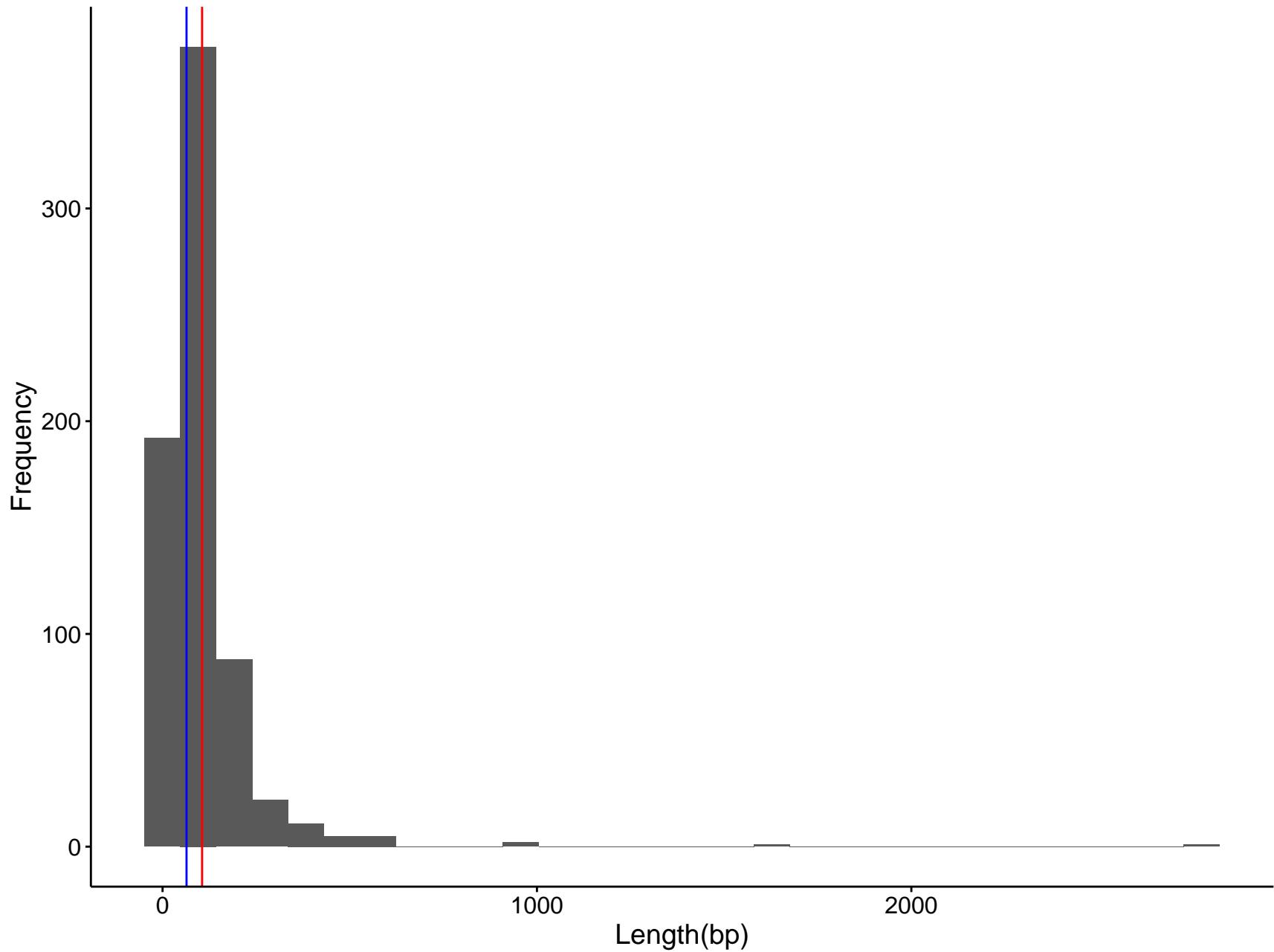
Cluster841



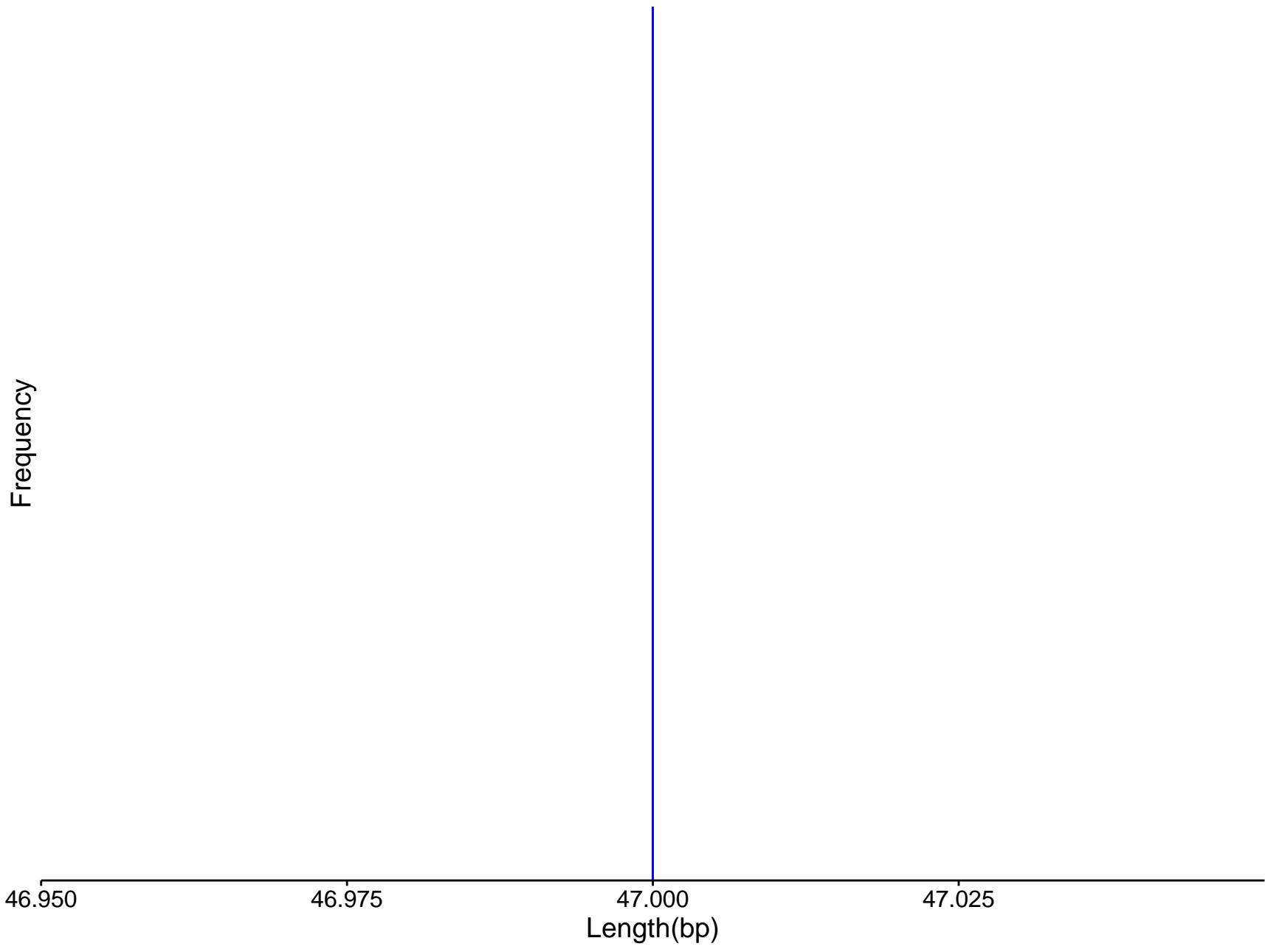
Cluster849



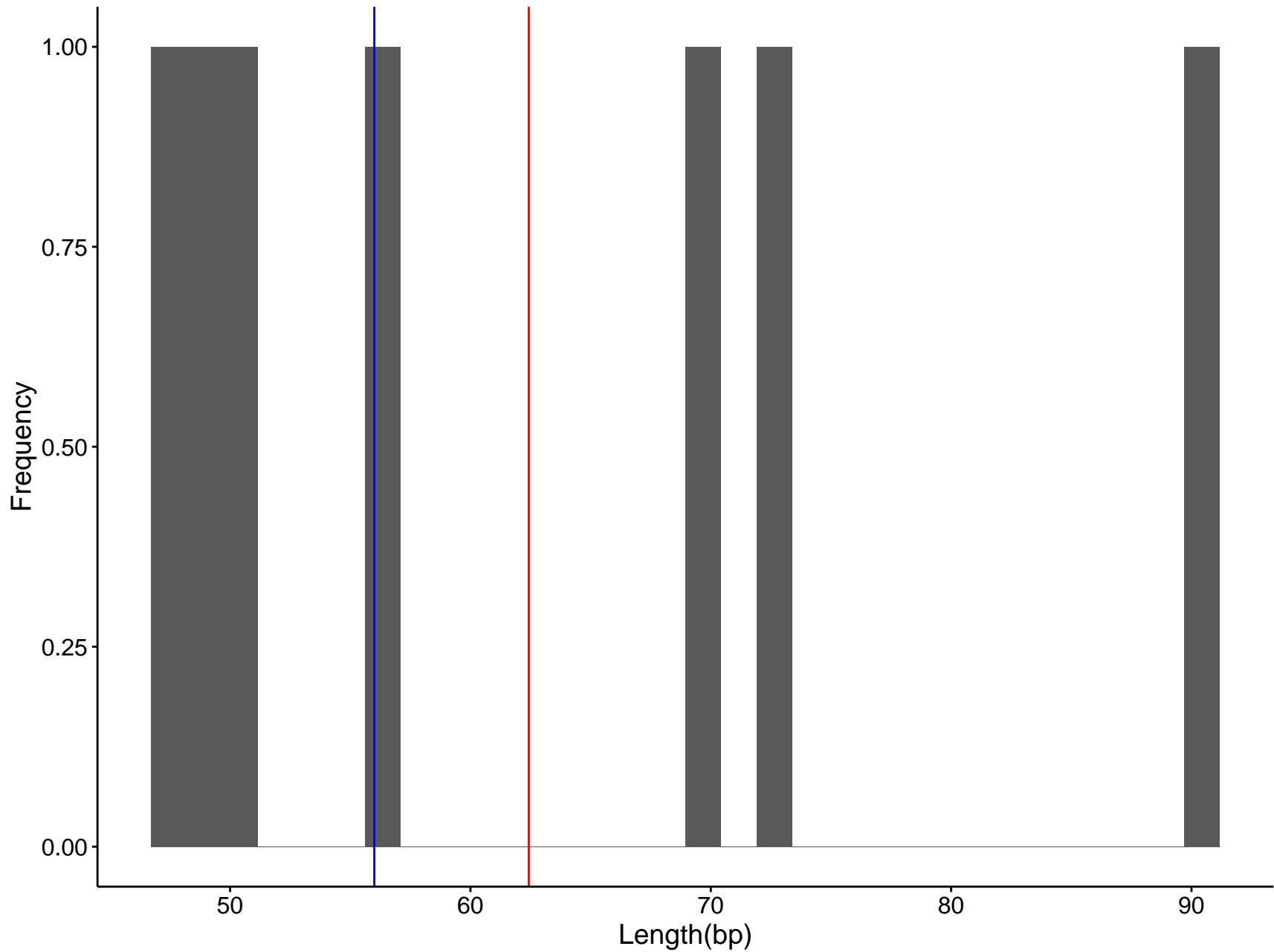
Cluster84



Cluster851



Cluster852



Cluster854

Frequency

48.950

48.975

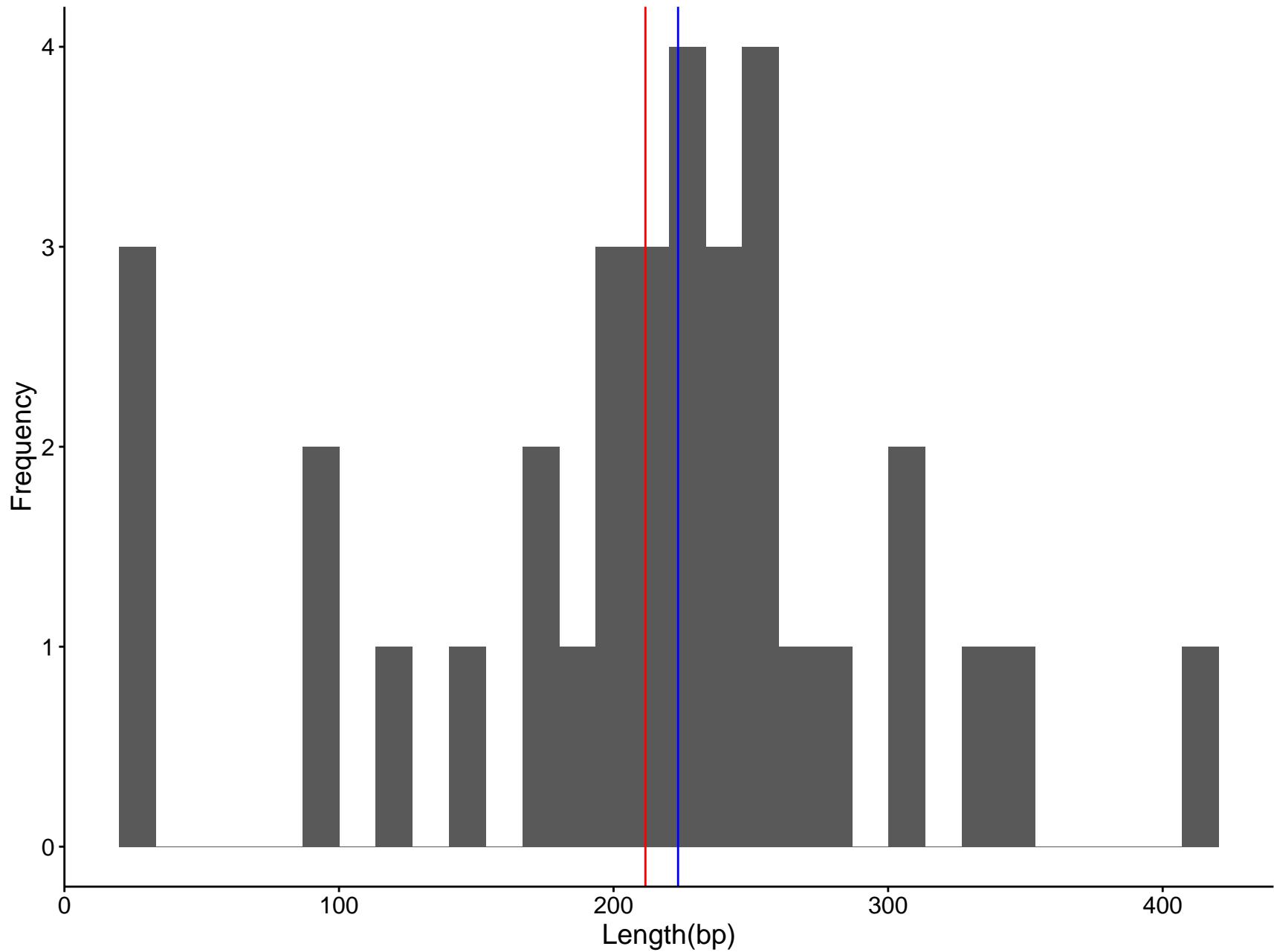
49.000

49.025

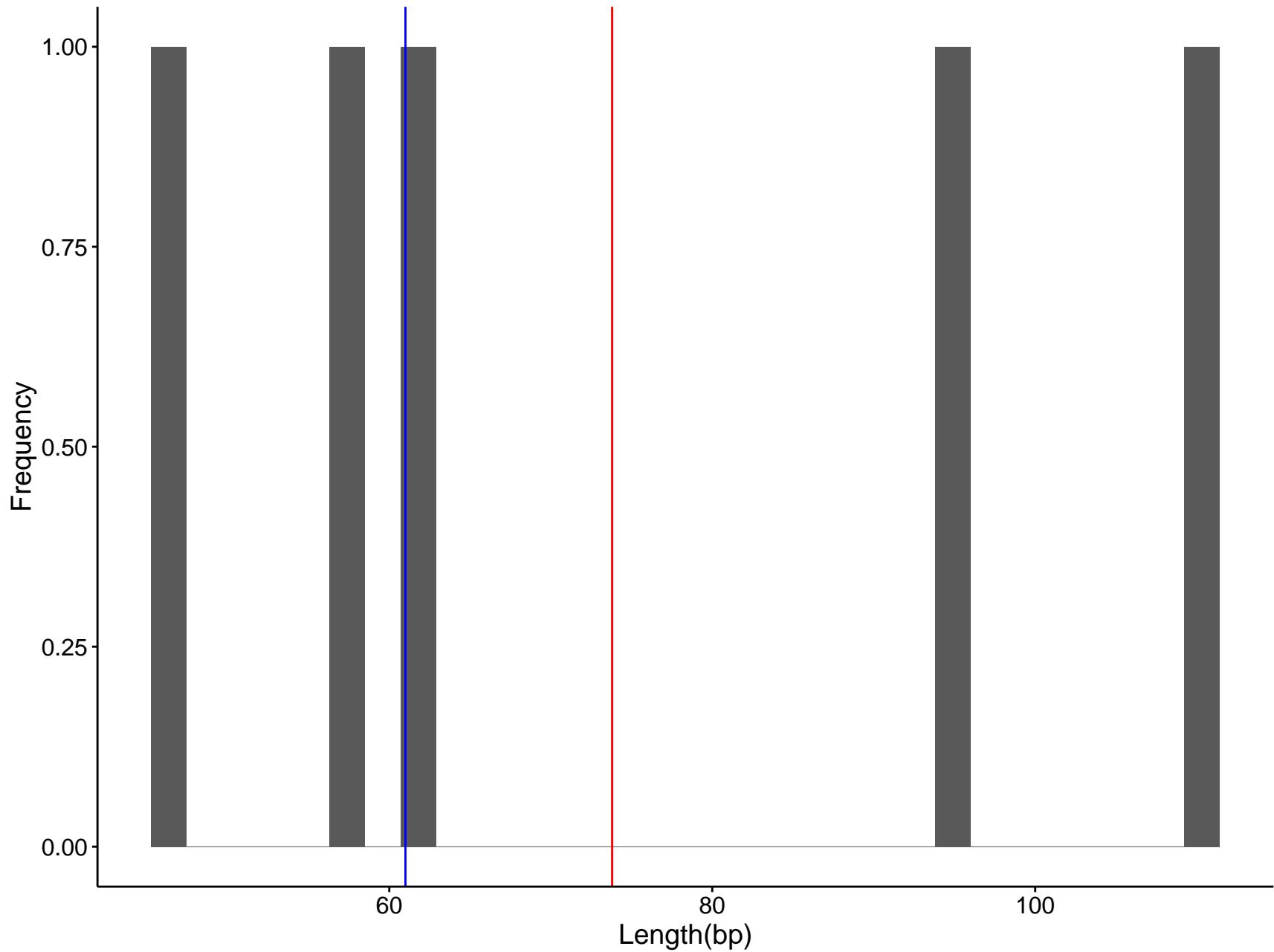
Length(bp)



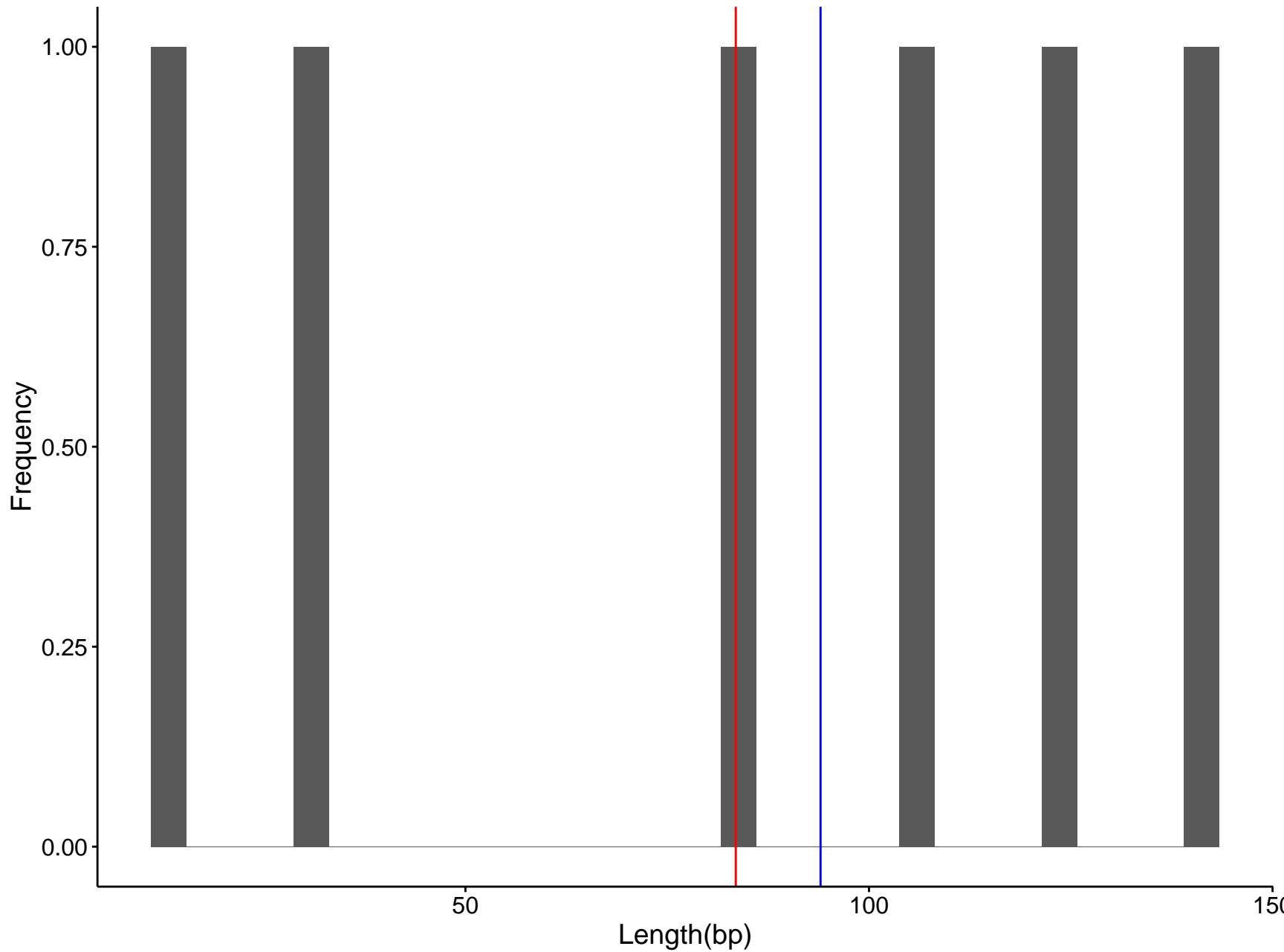
Cluster857



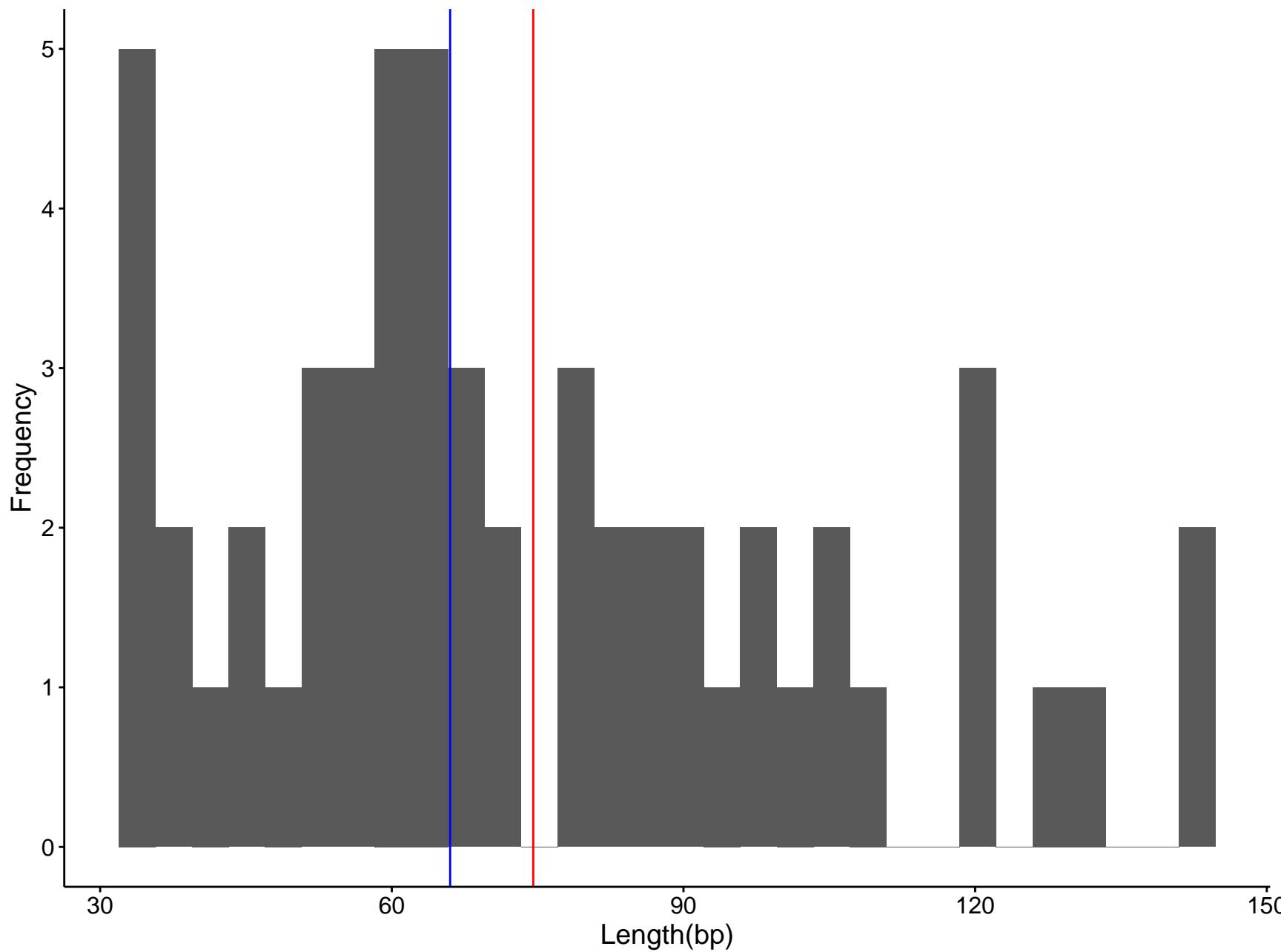
Cluster858



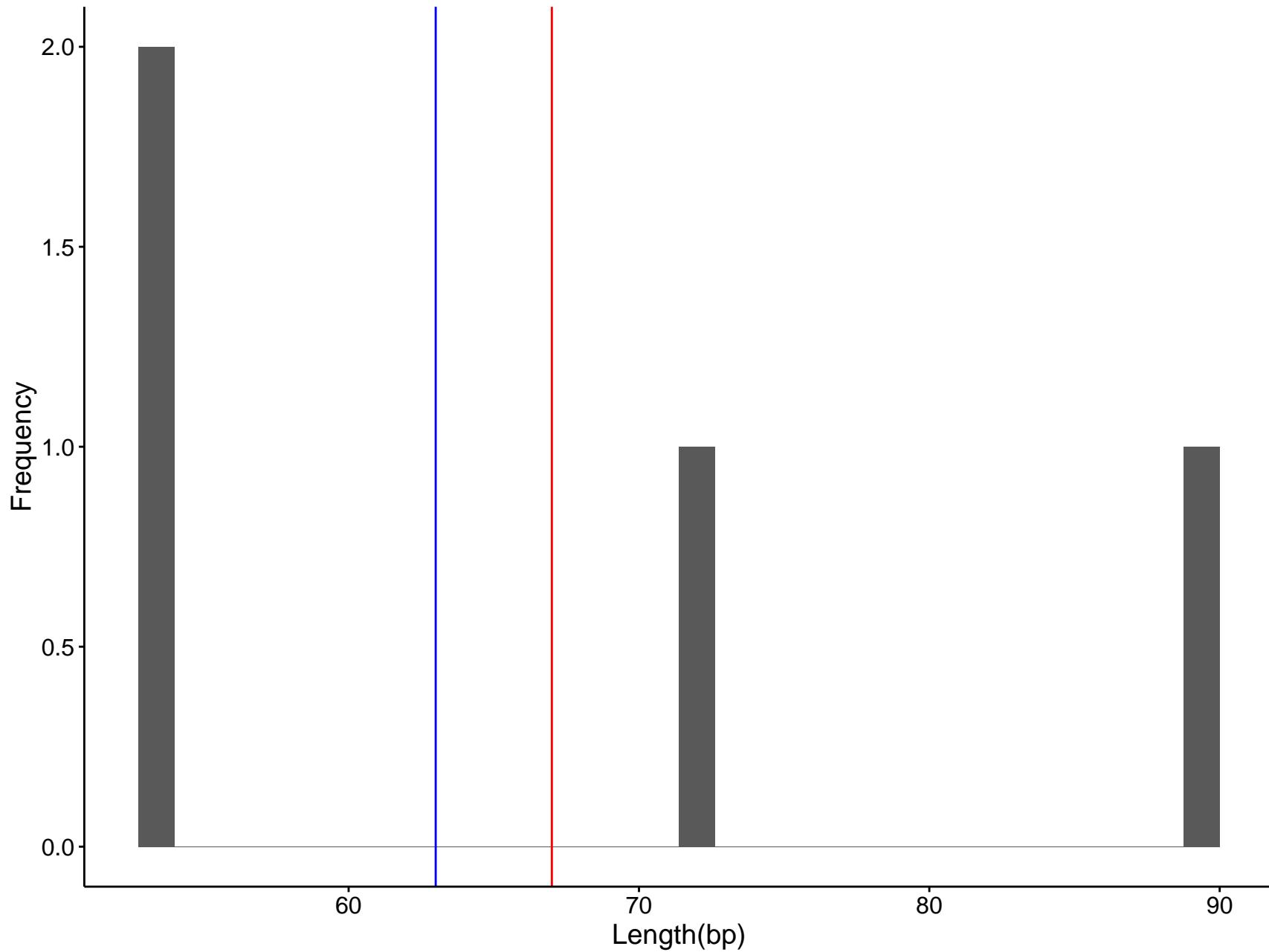
Cluster859



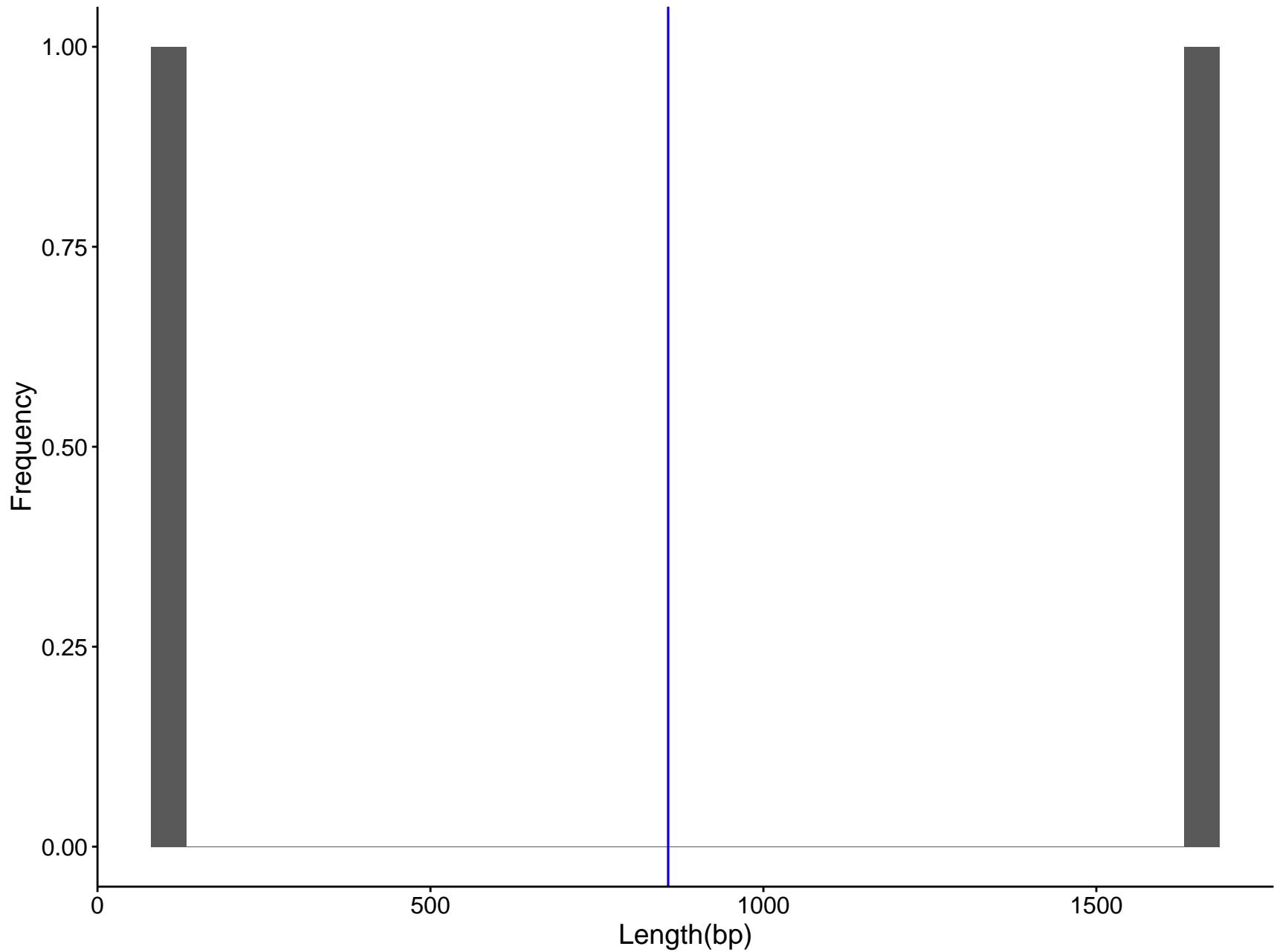
Cluster85



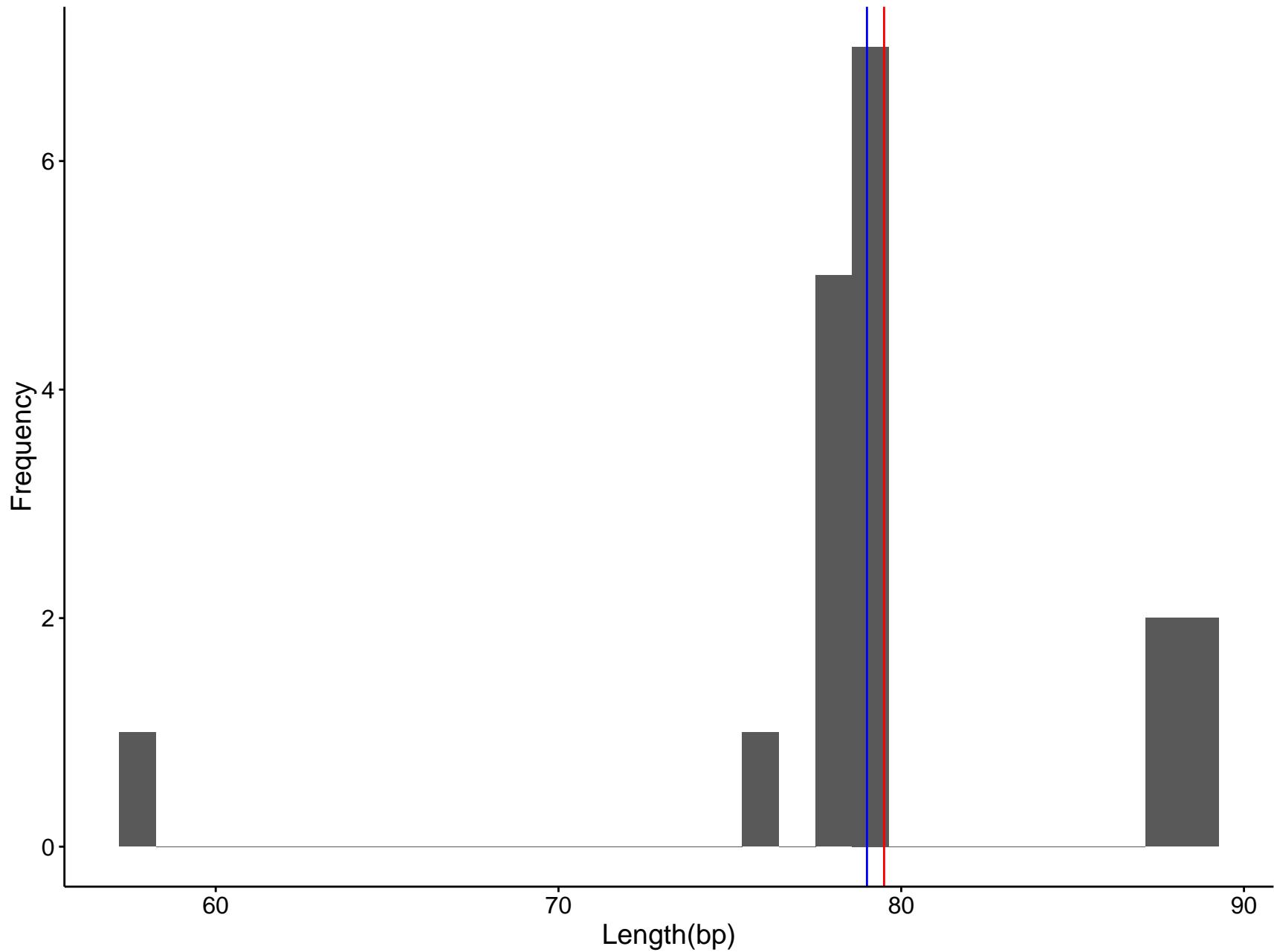
Cluster860



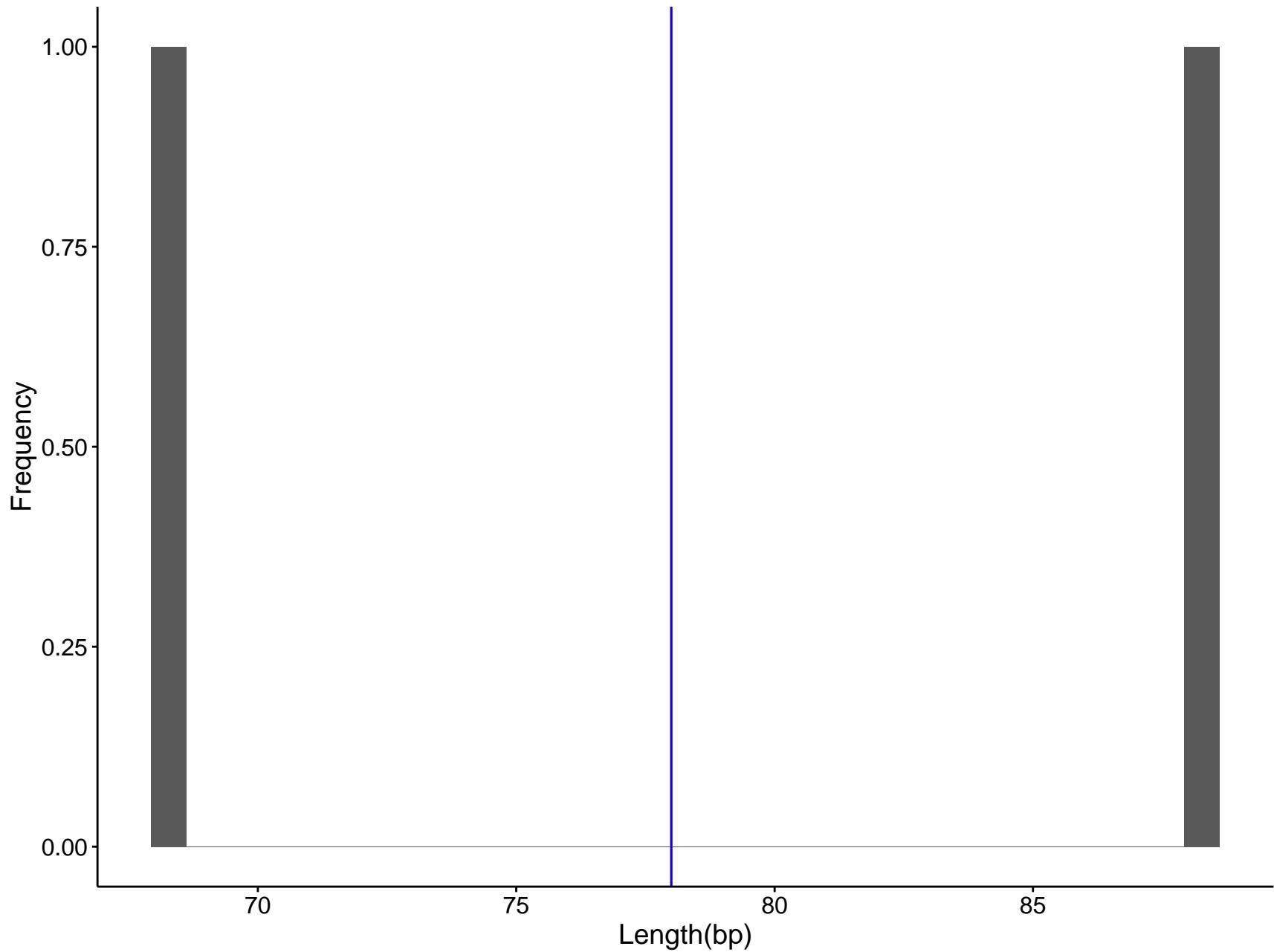
Cluster861



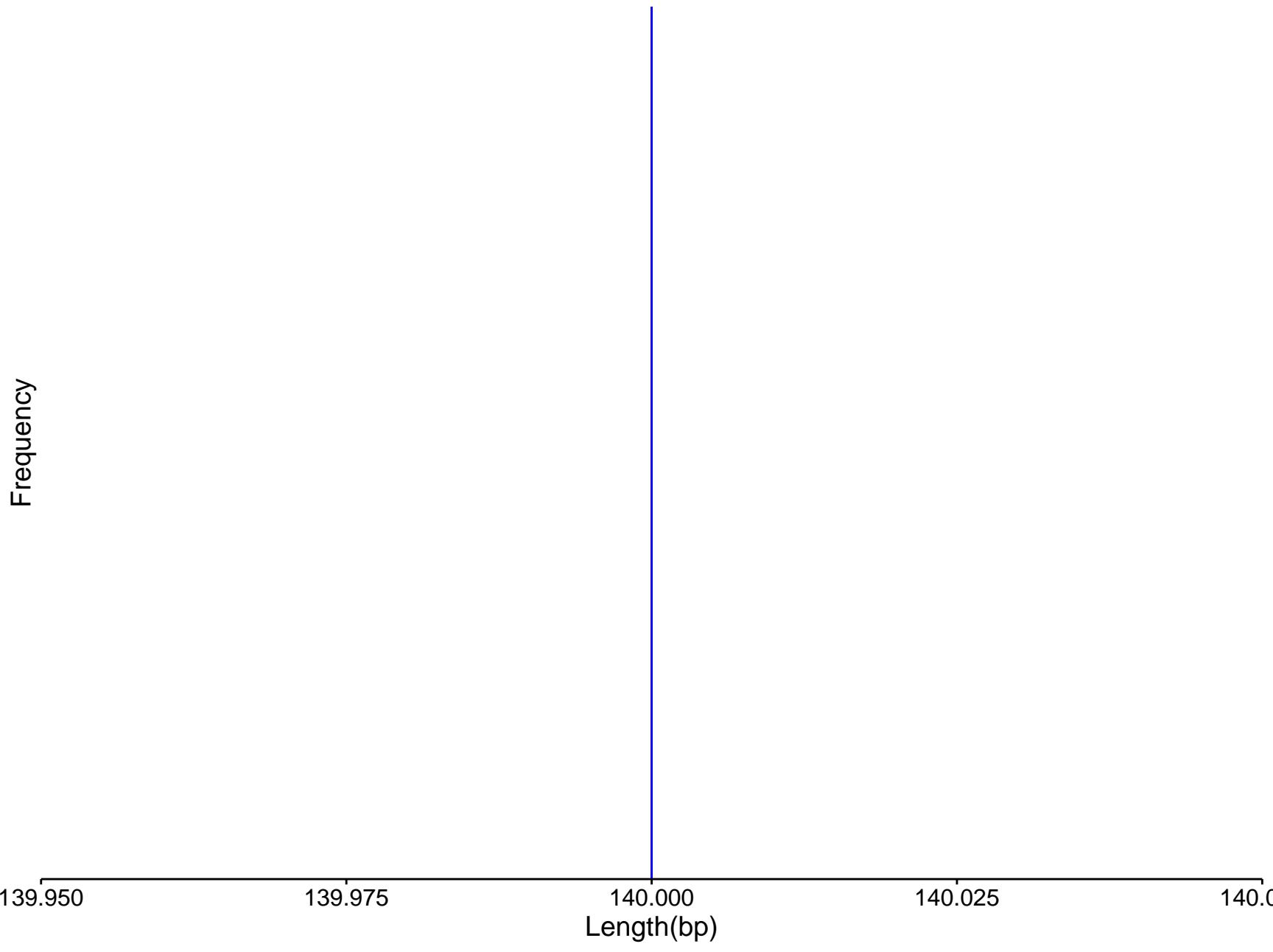
Cluster864



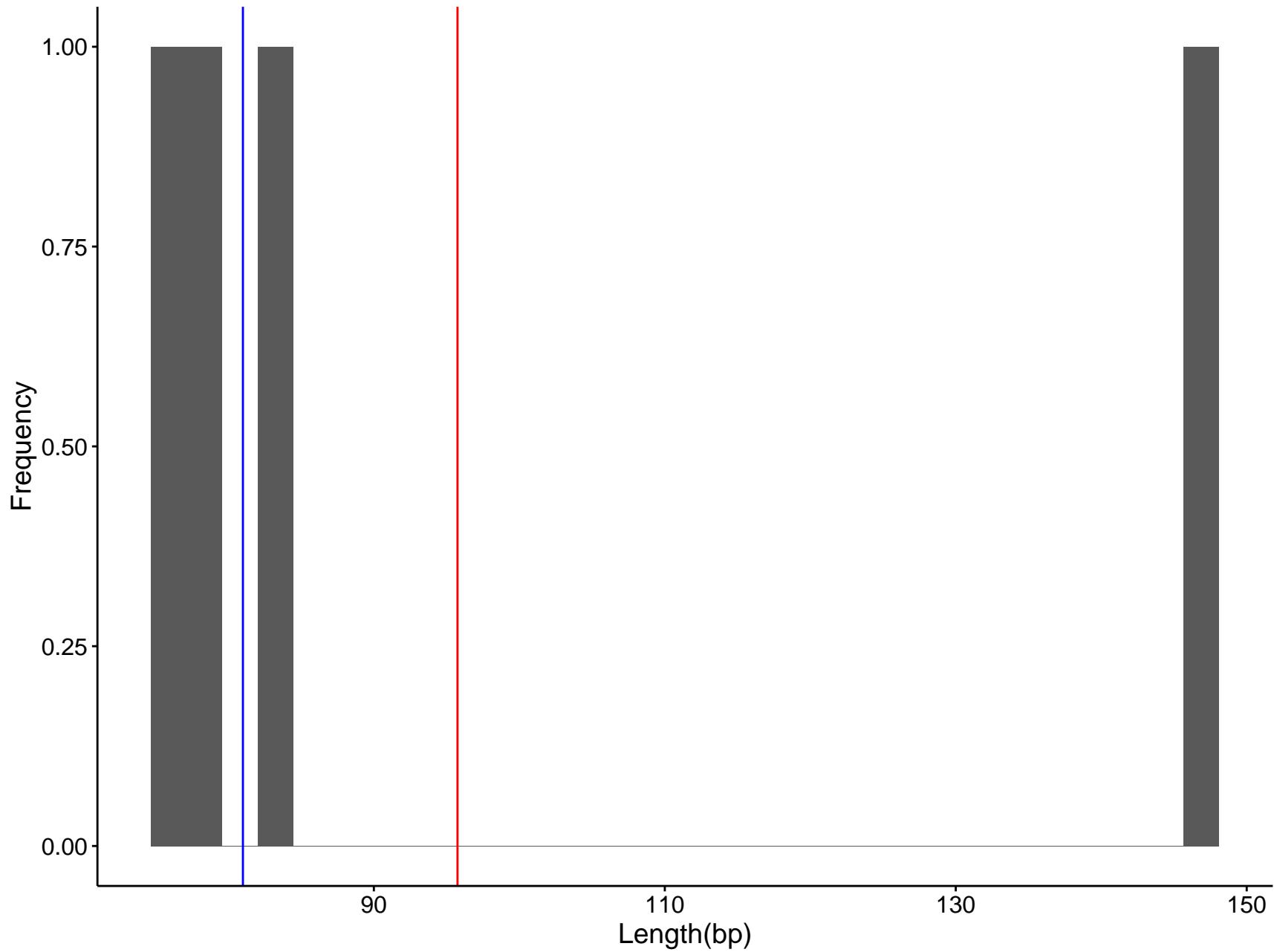
Cluster865



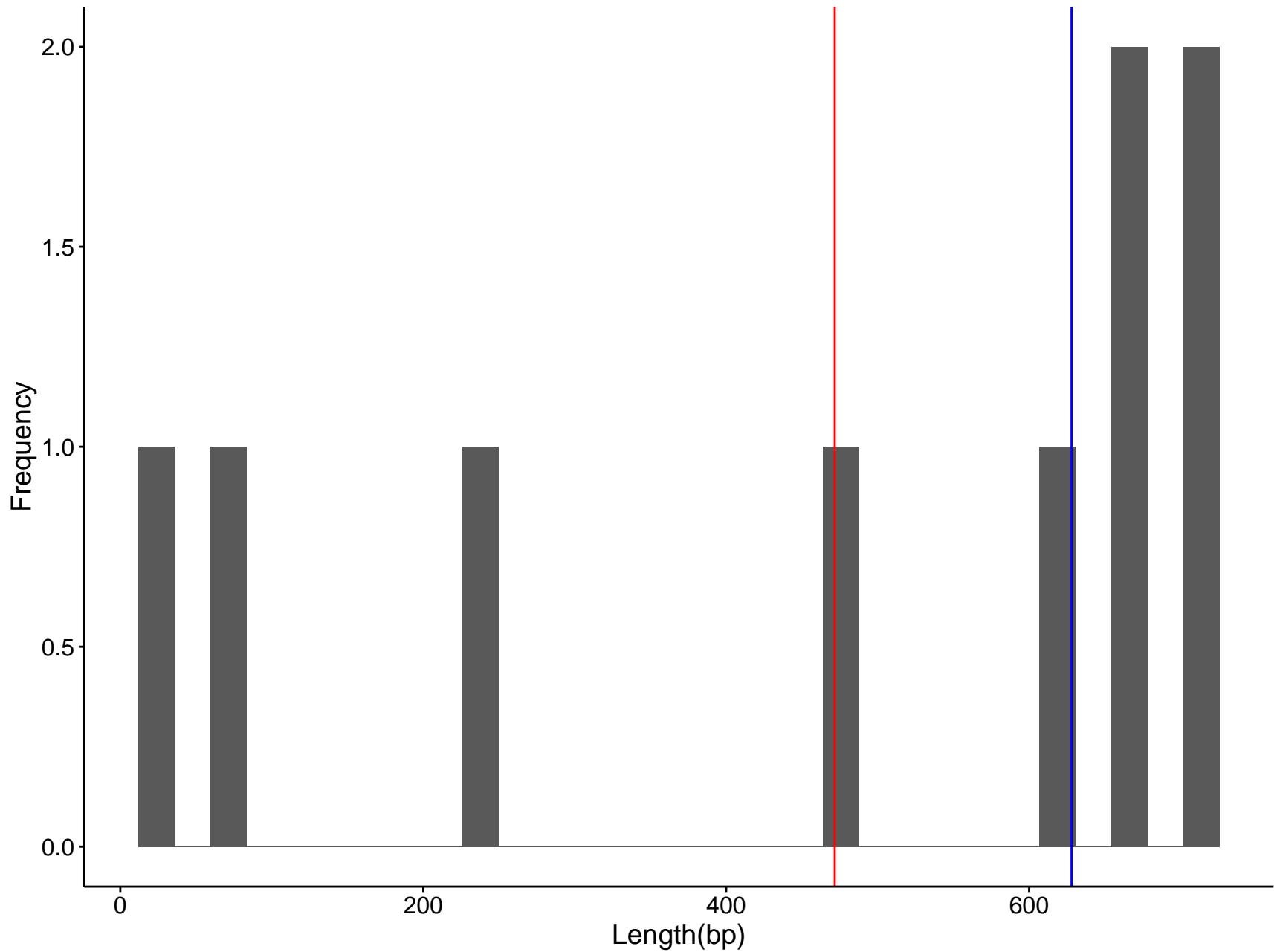
Cluster866



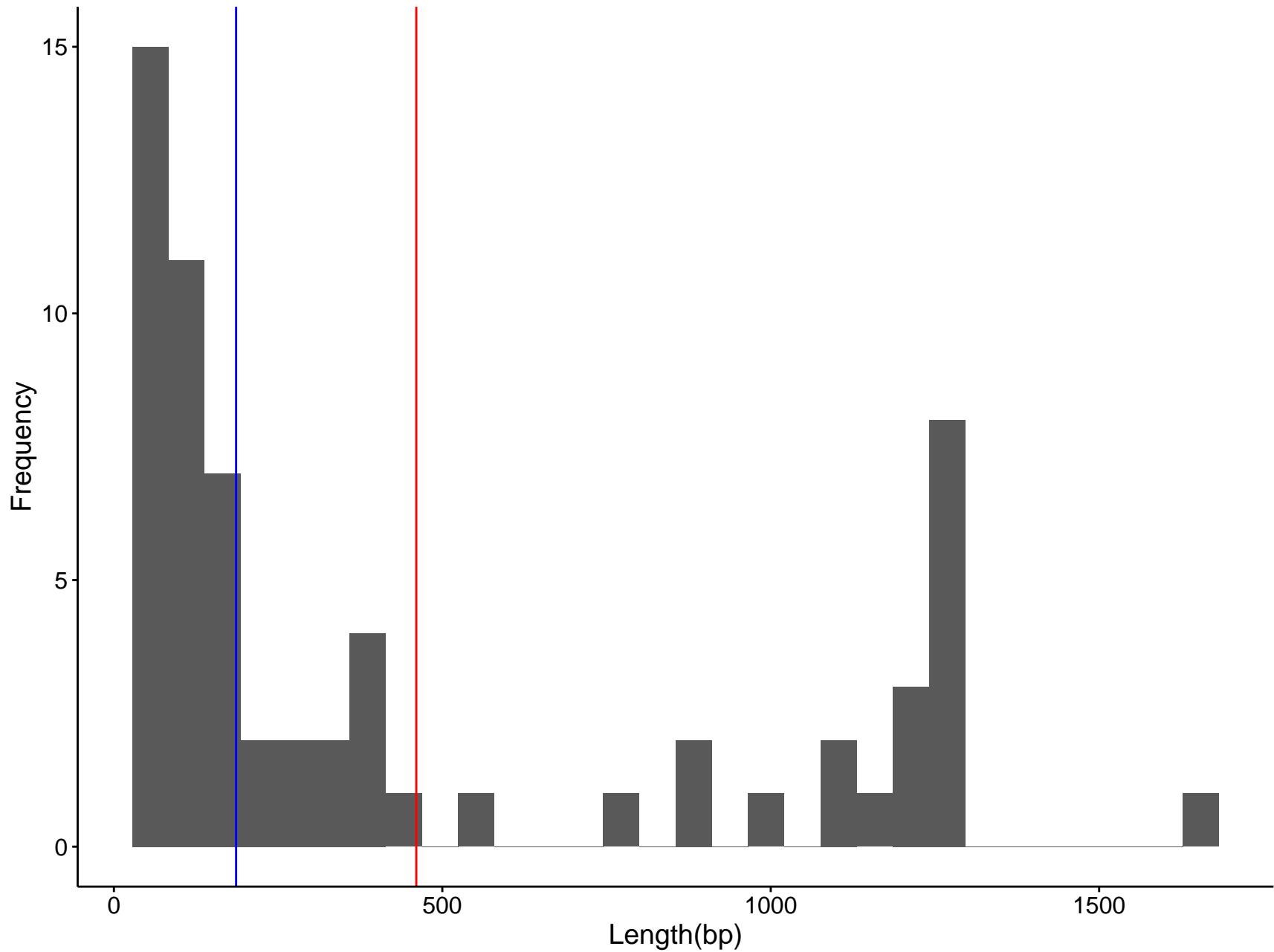
Cluster867



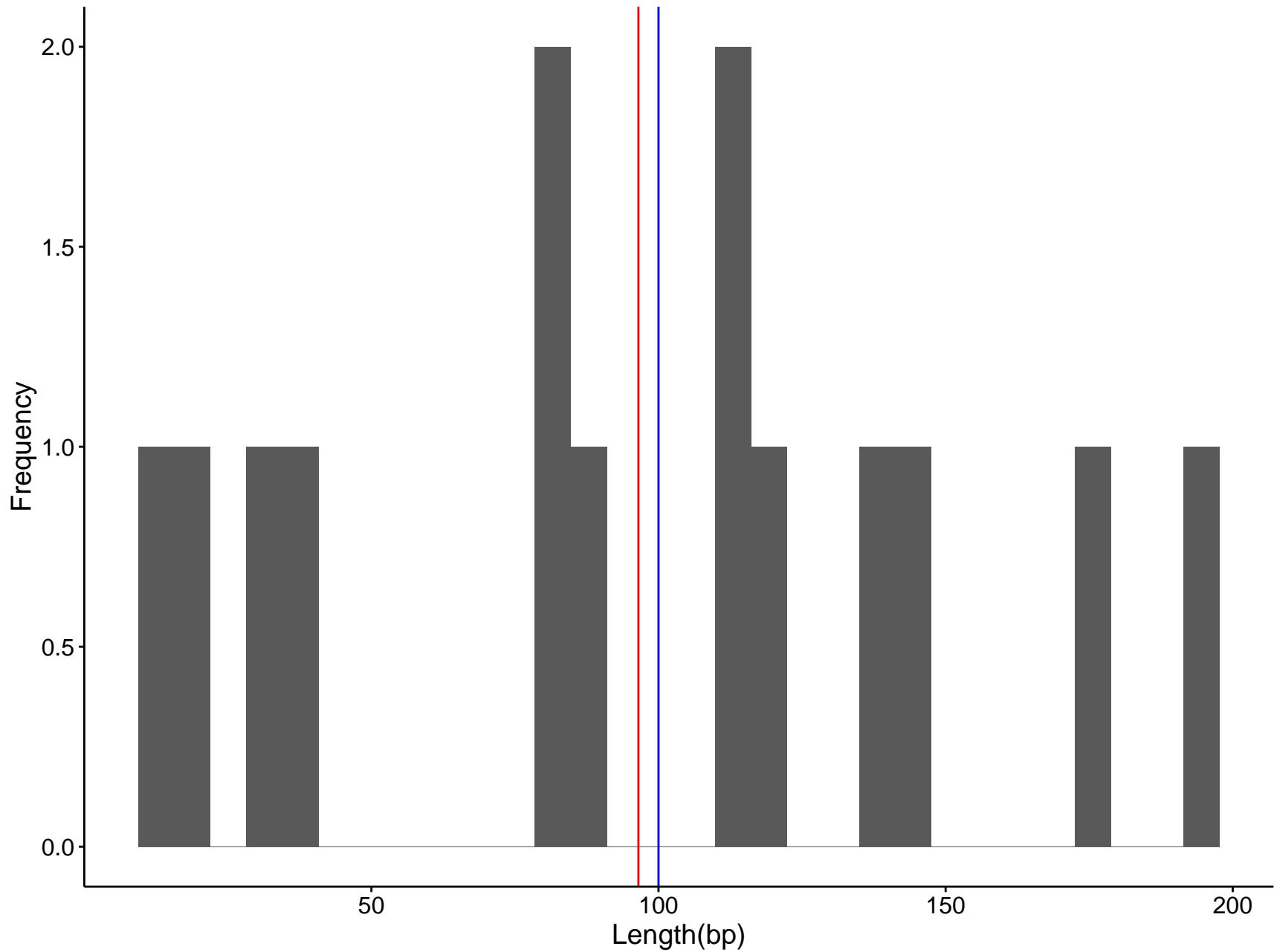
Cluster868



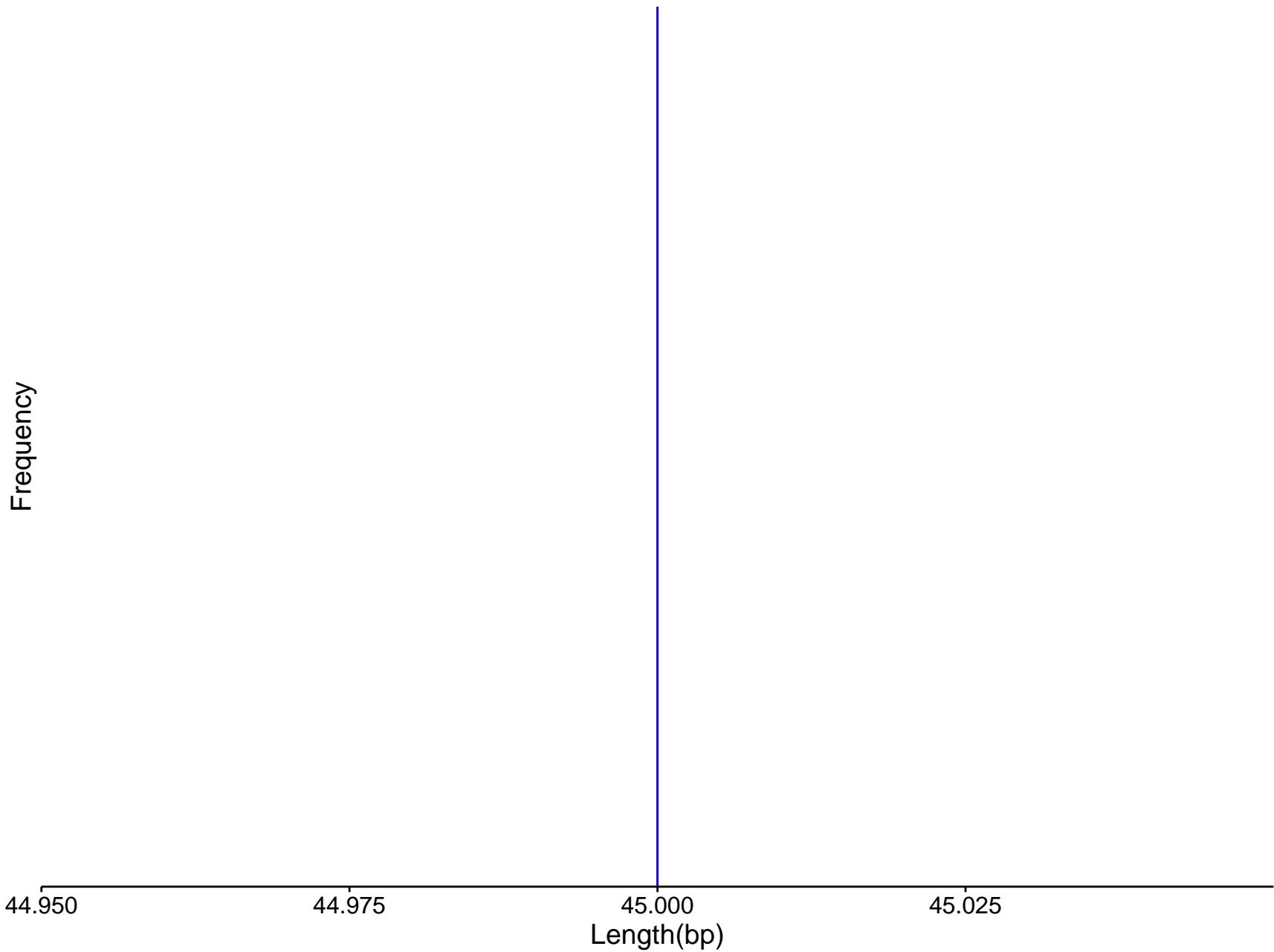
Cluster86



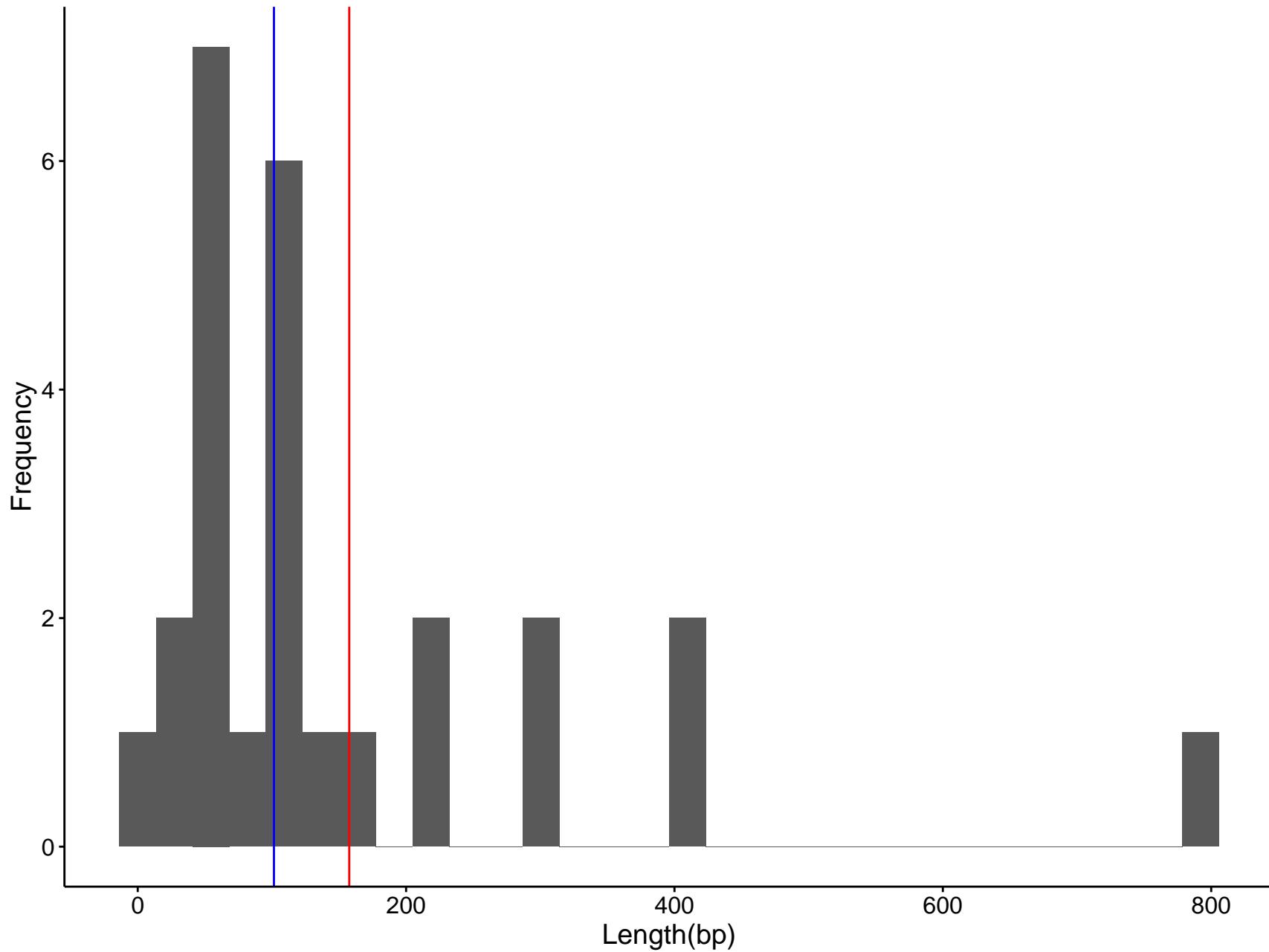
Cluster873



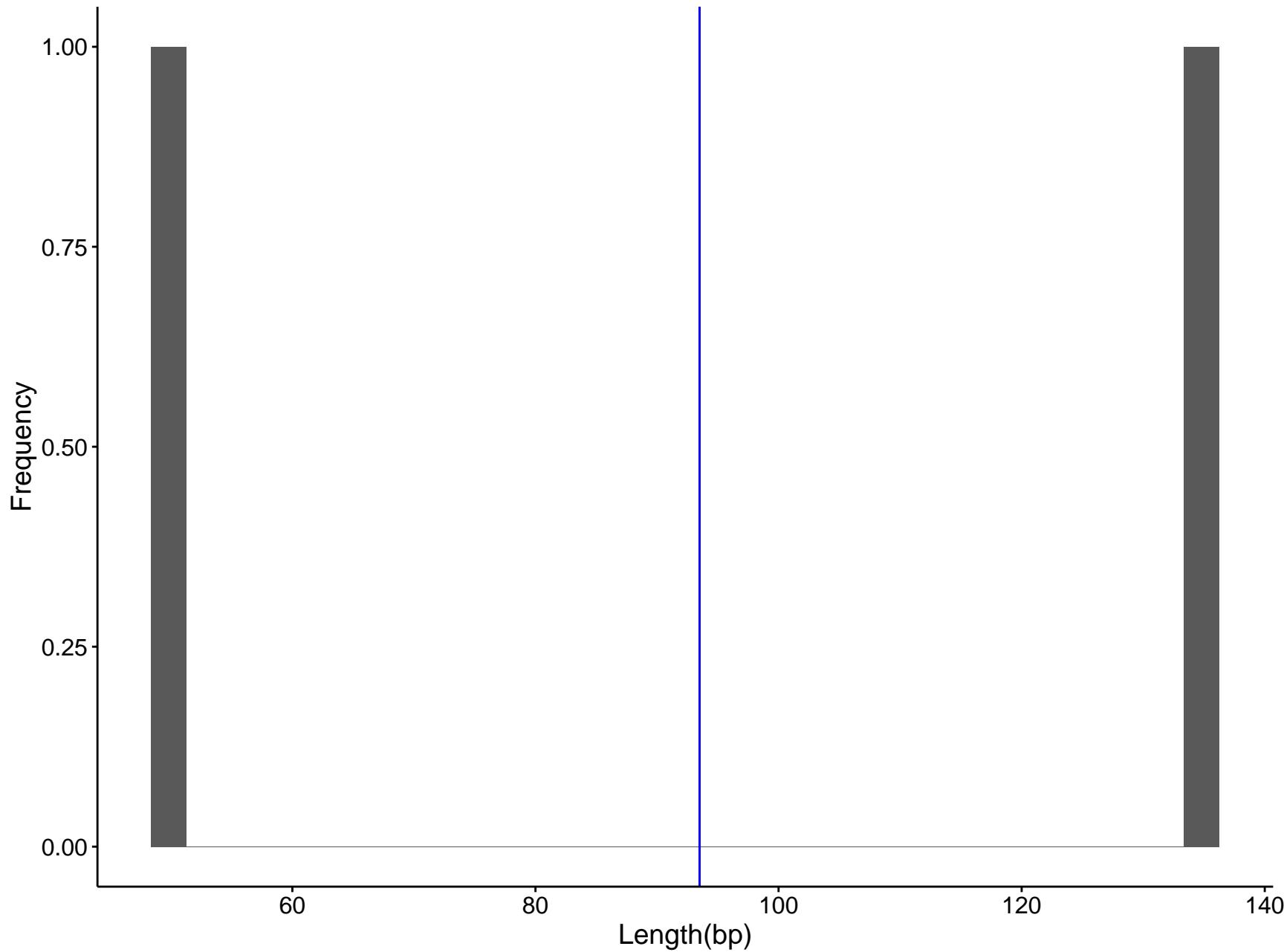
Cluster874



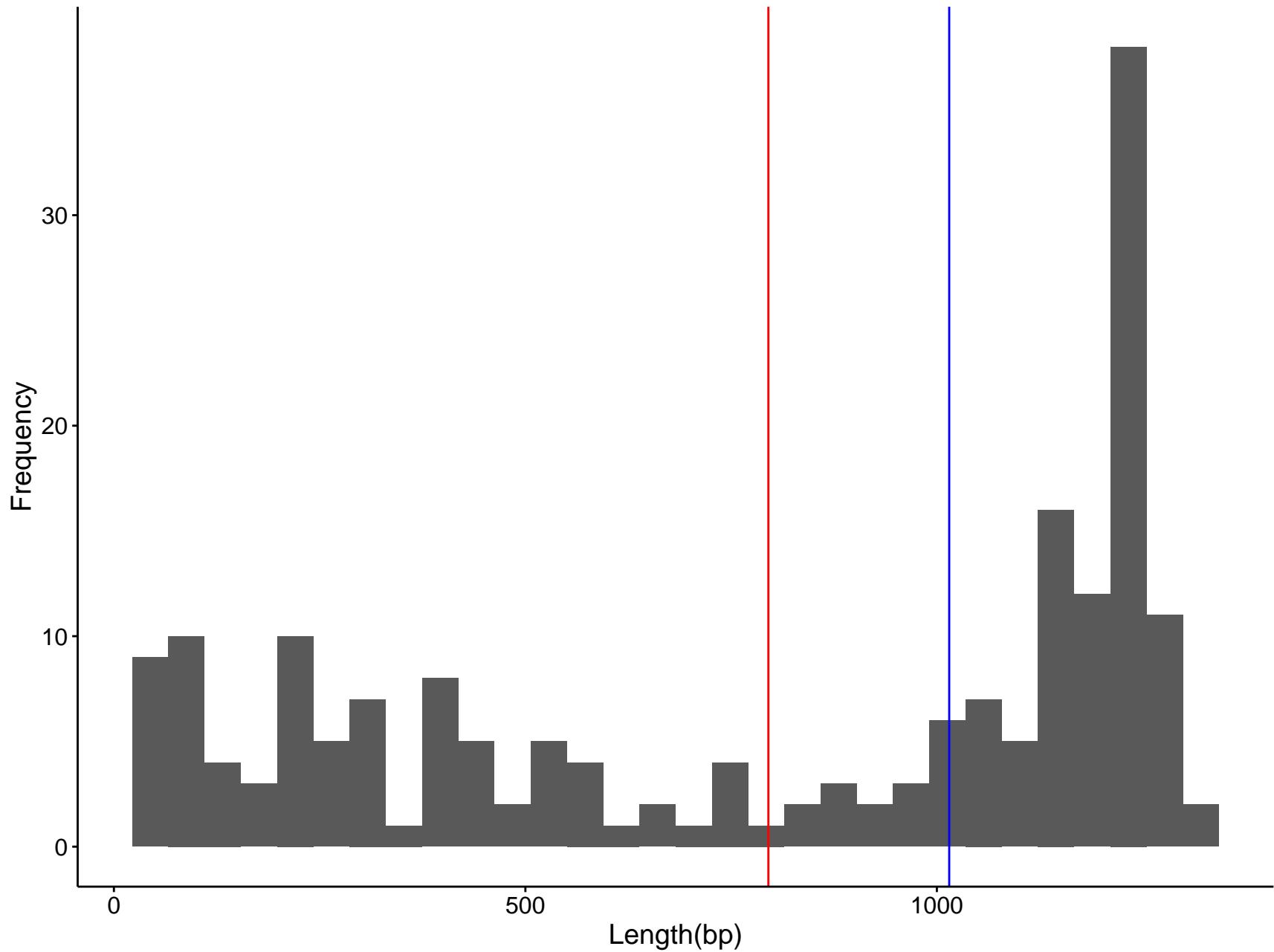
Cluster875



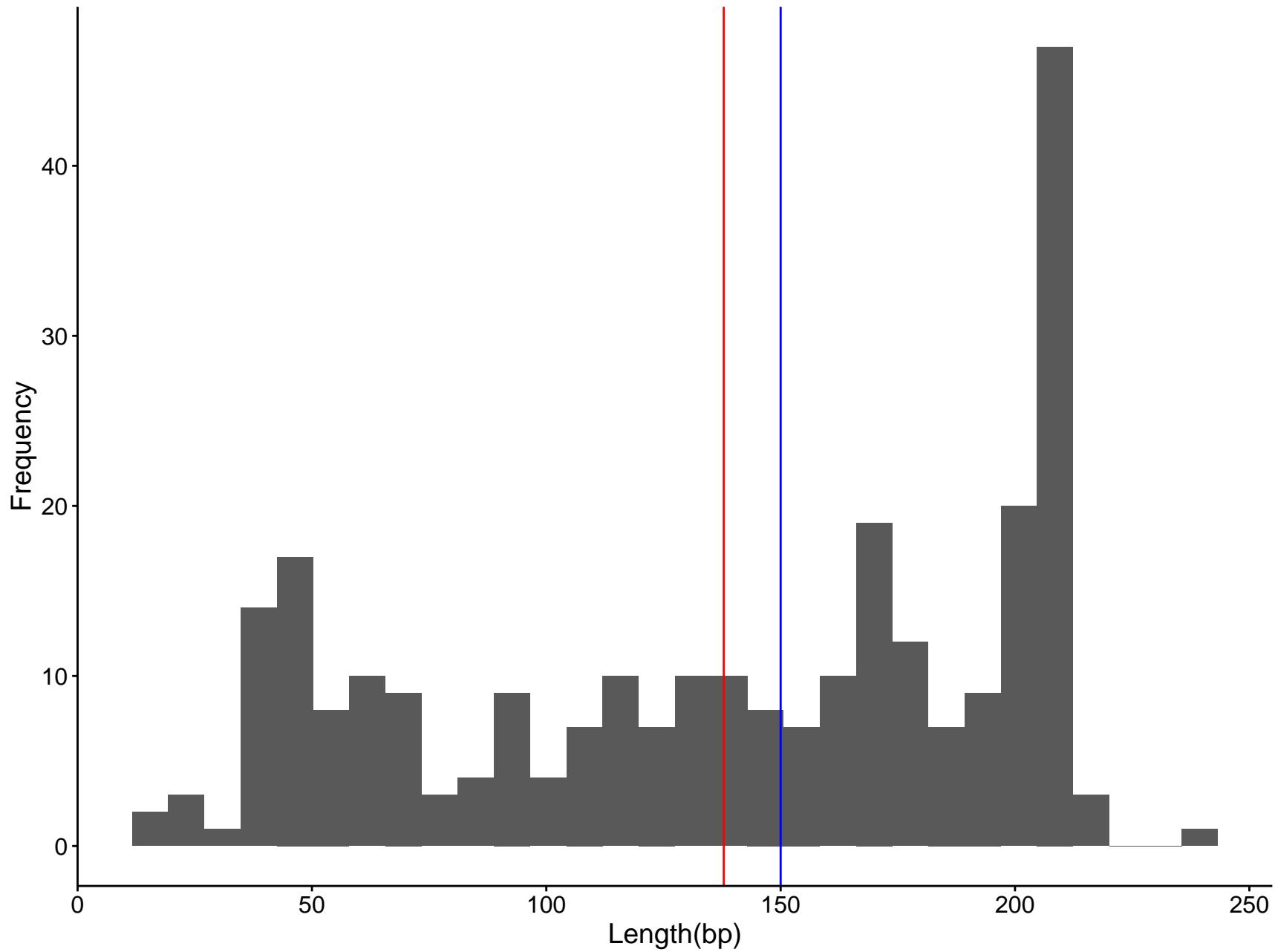
Cluster877



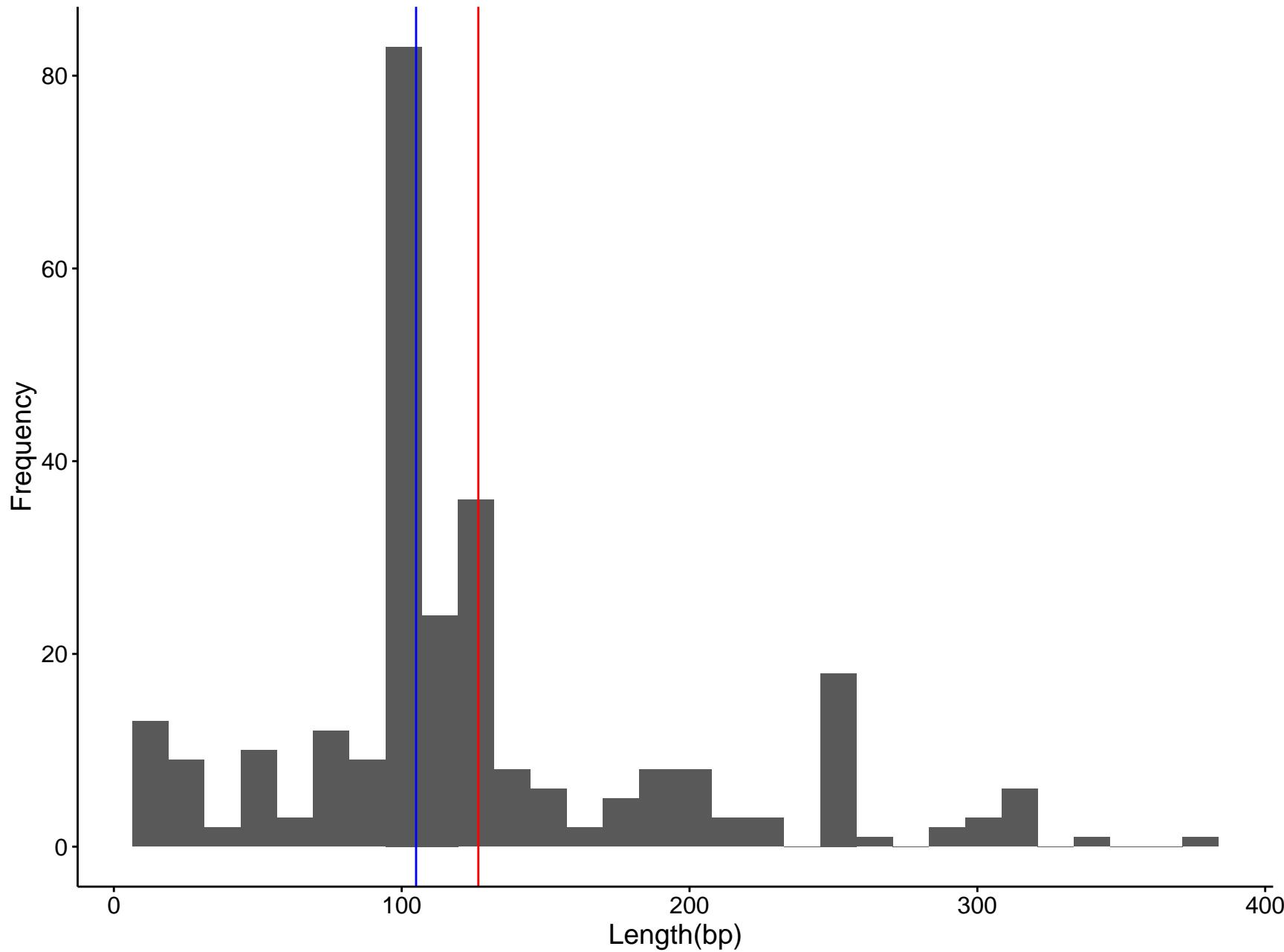
Cluster878



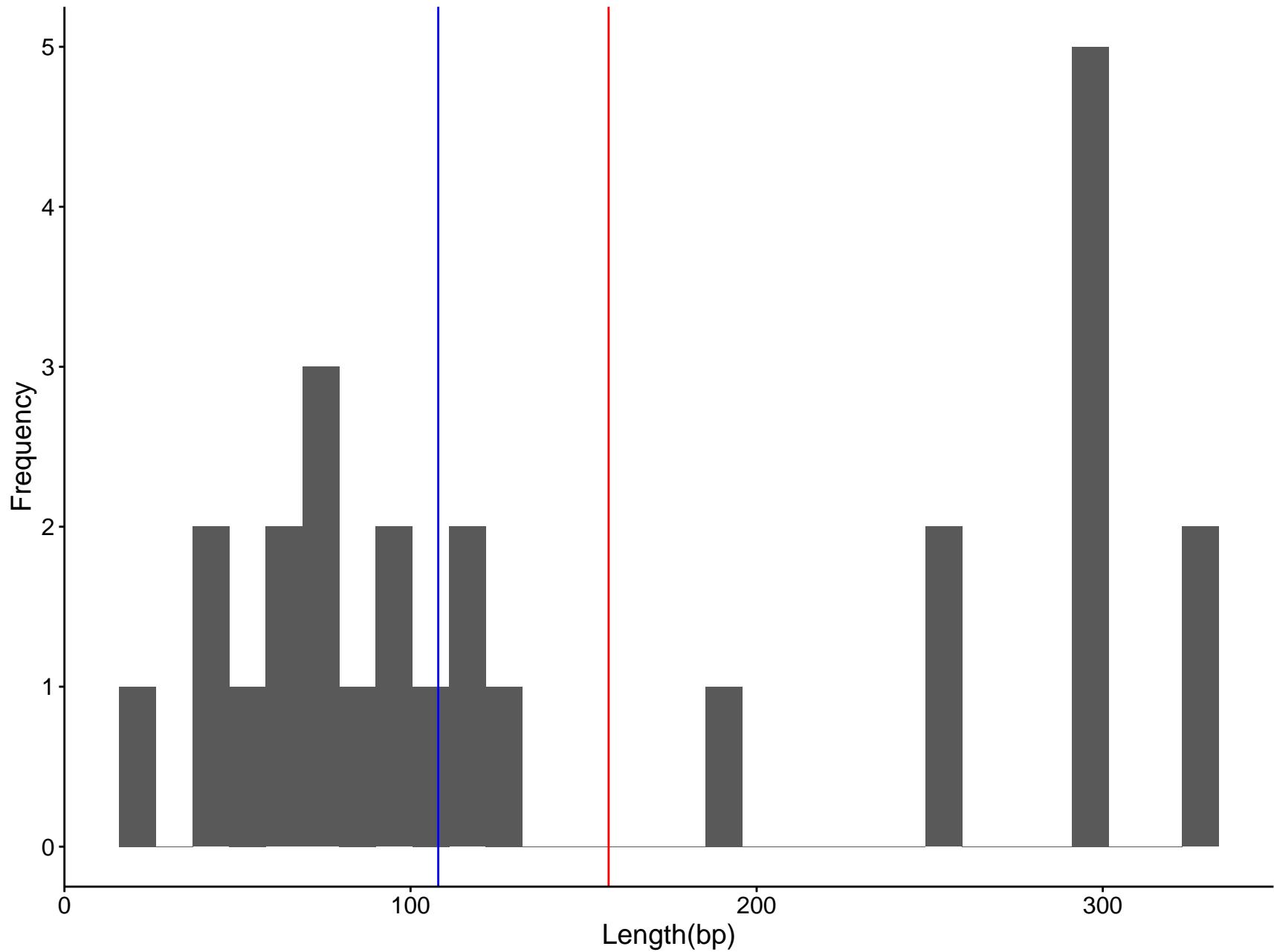
Cluster879



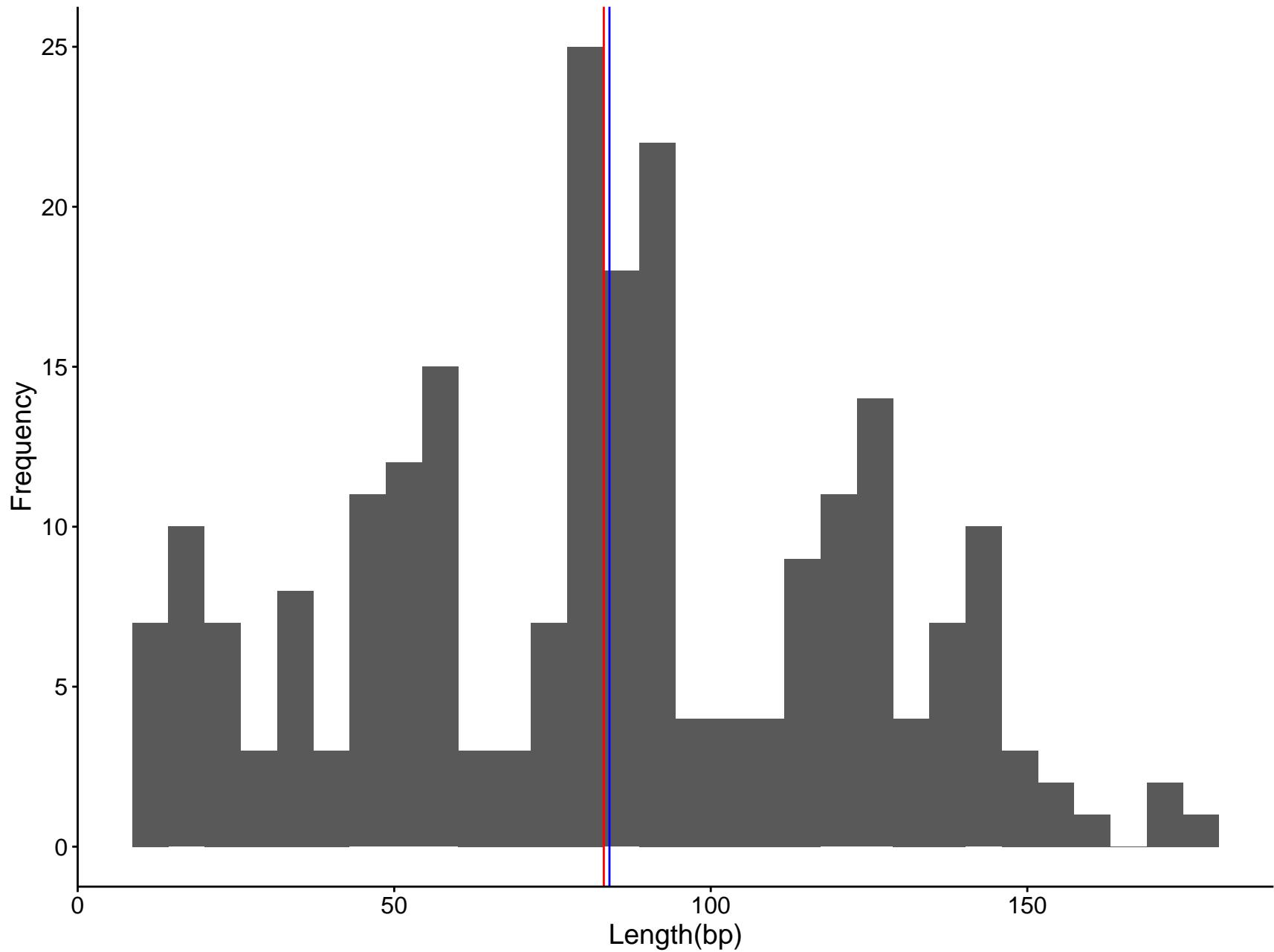
Cluster87



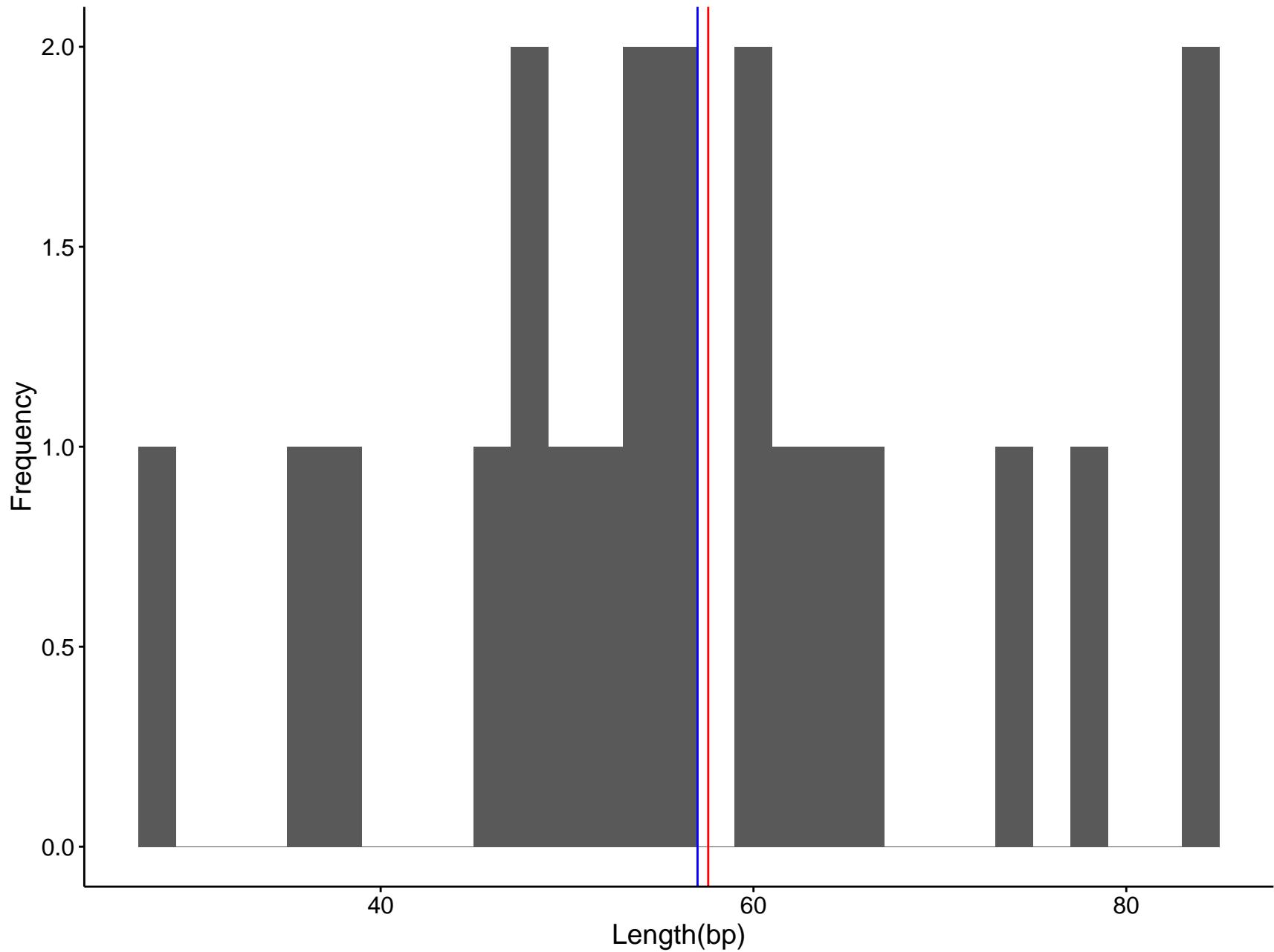
Cluster880



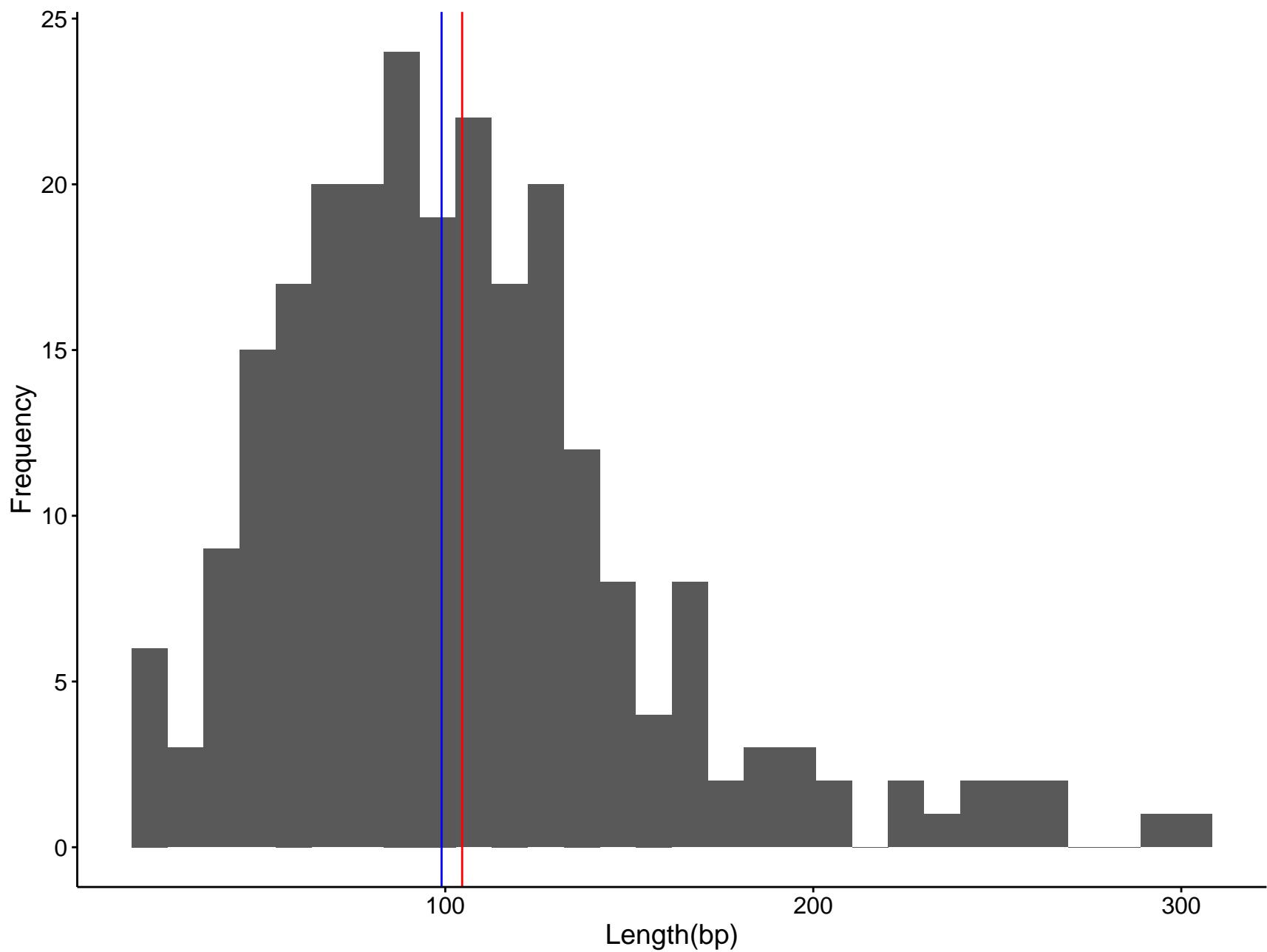
Cluster881



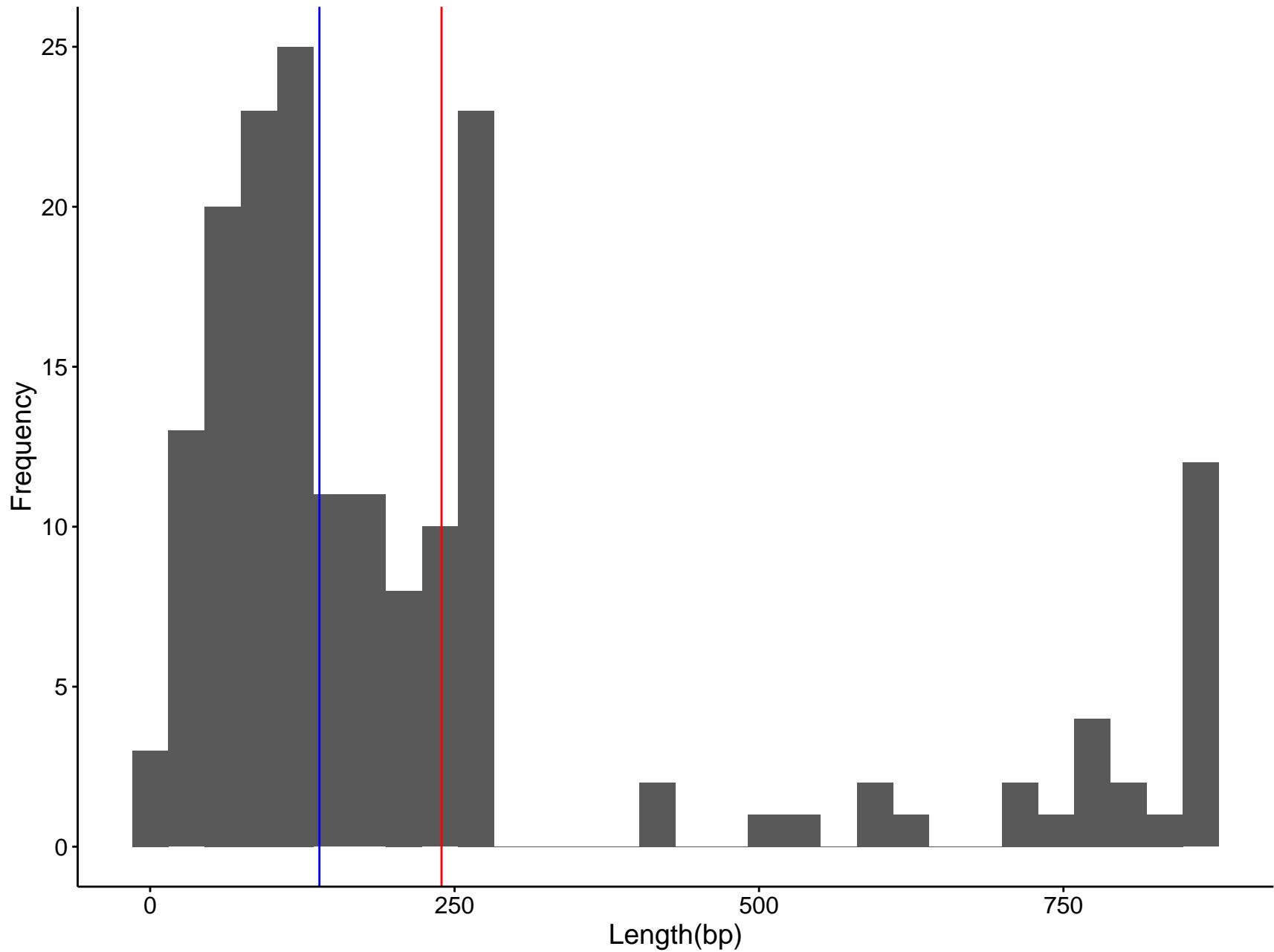
Cluster882



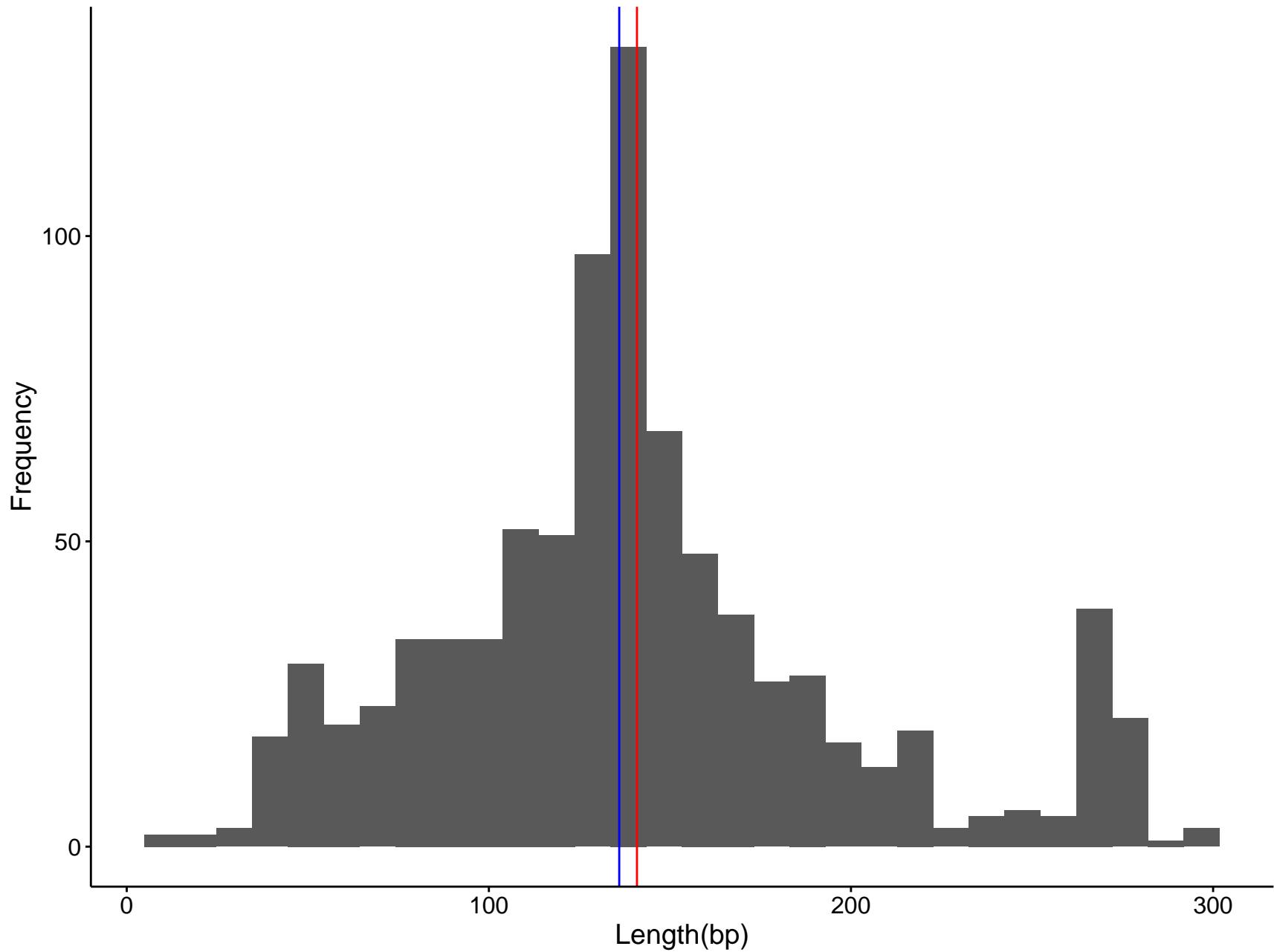
Cluster883



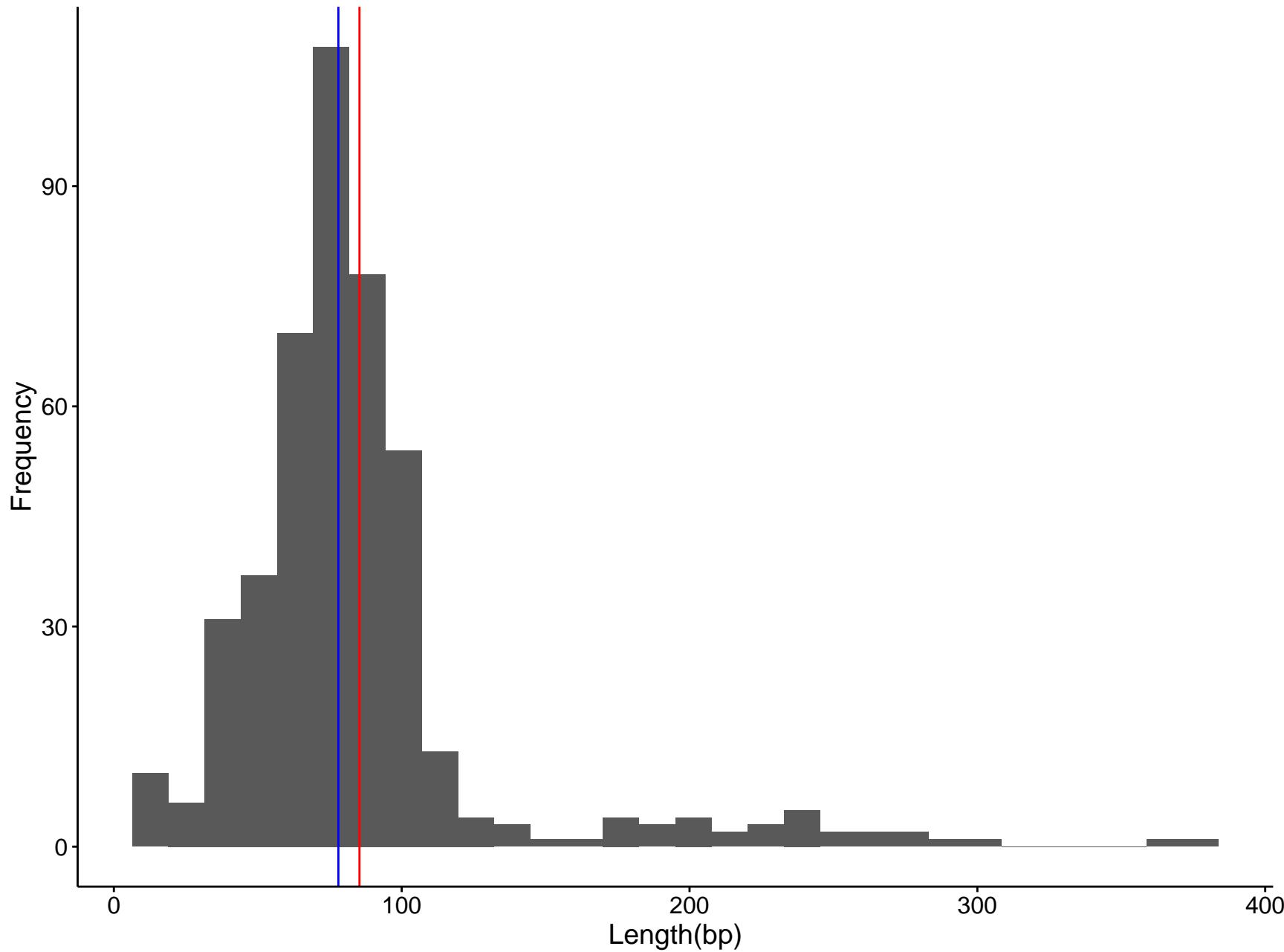
Cluster884



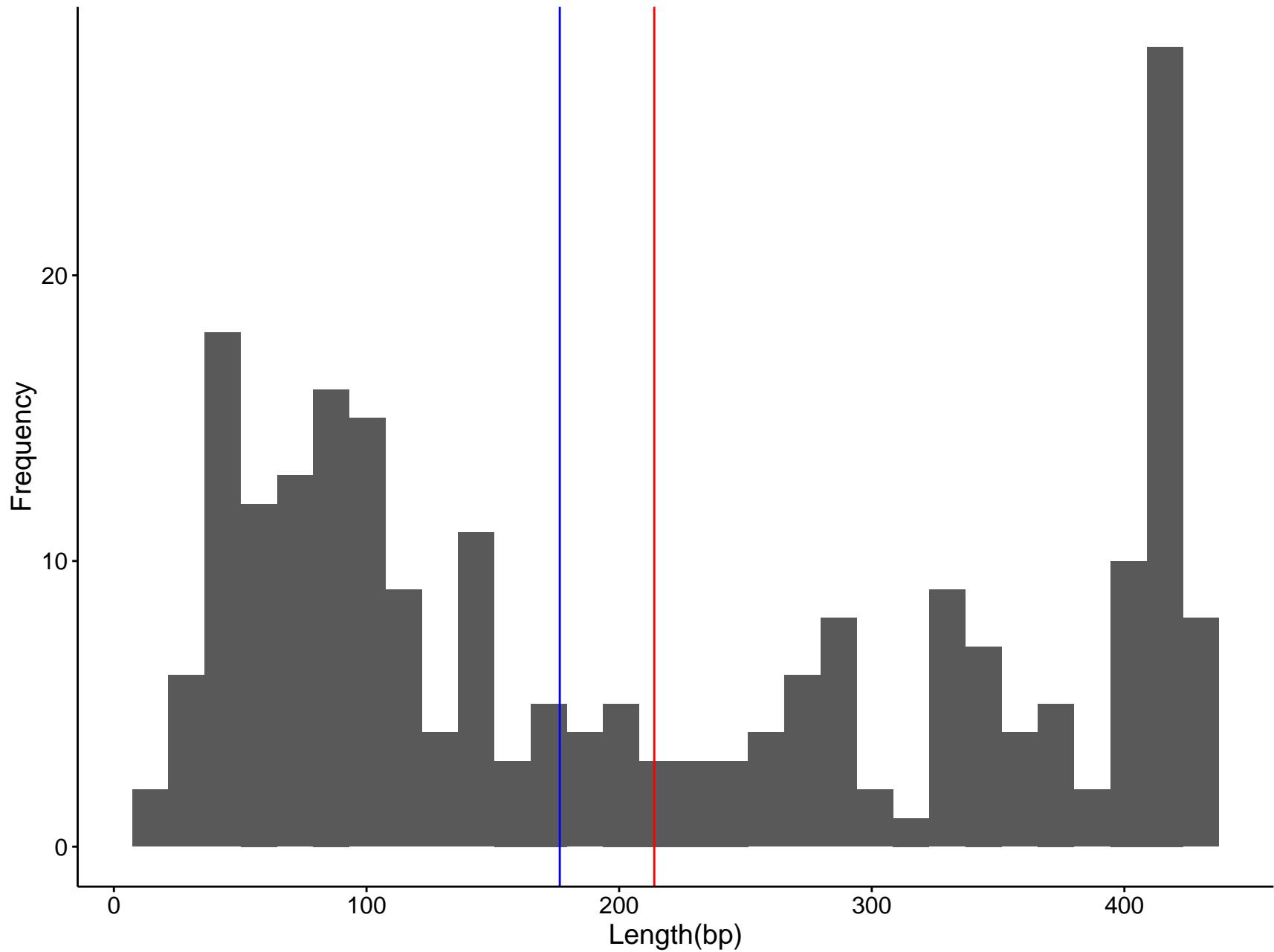
Cluster885



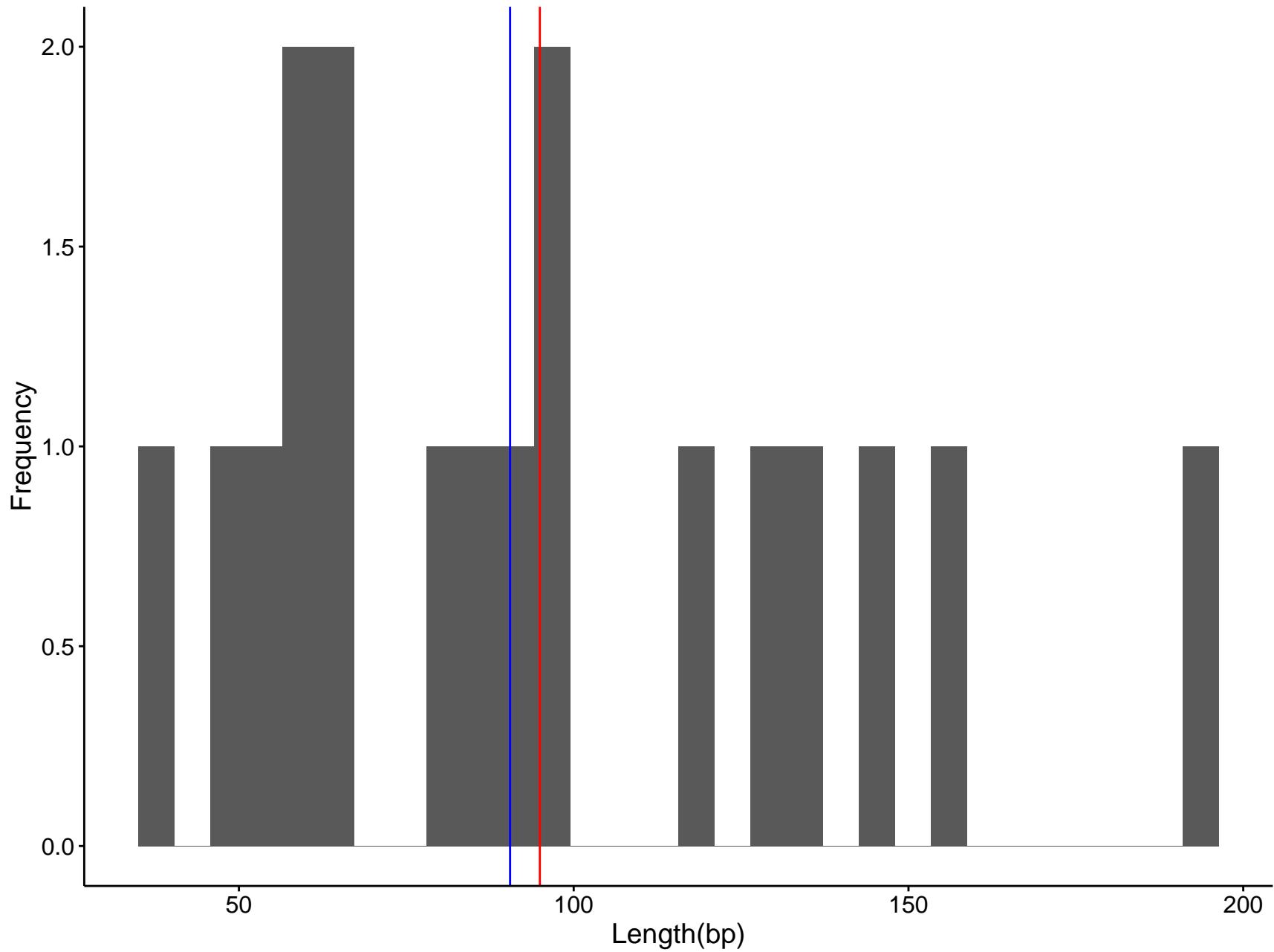
Cluster886



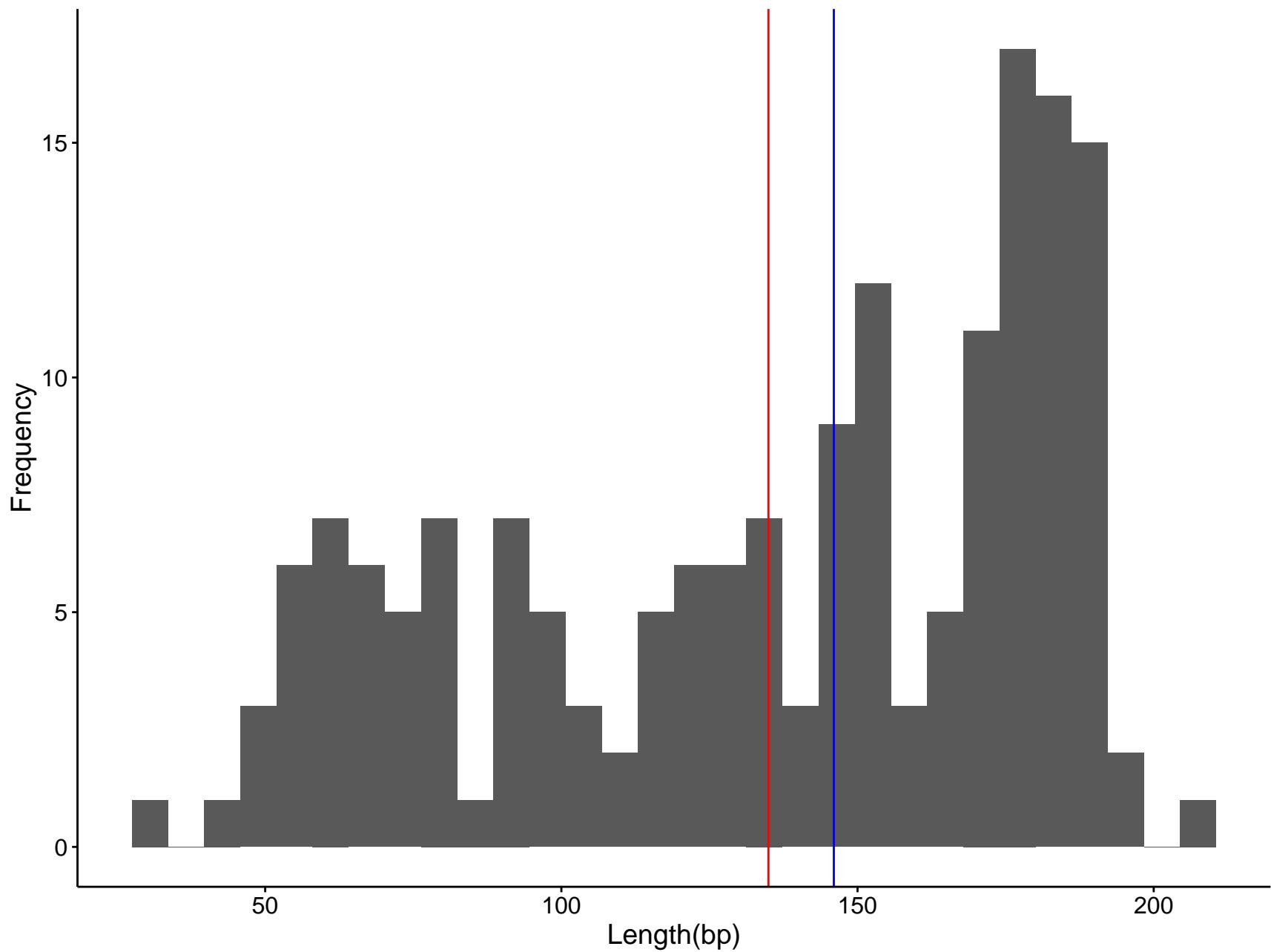
Cluster887



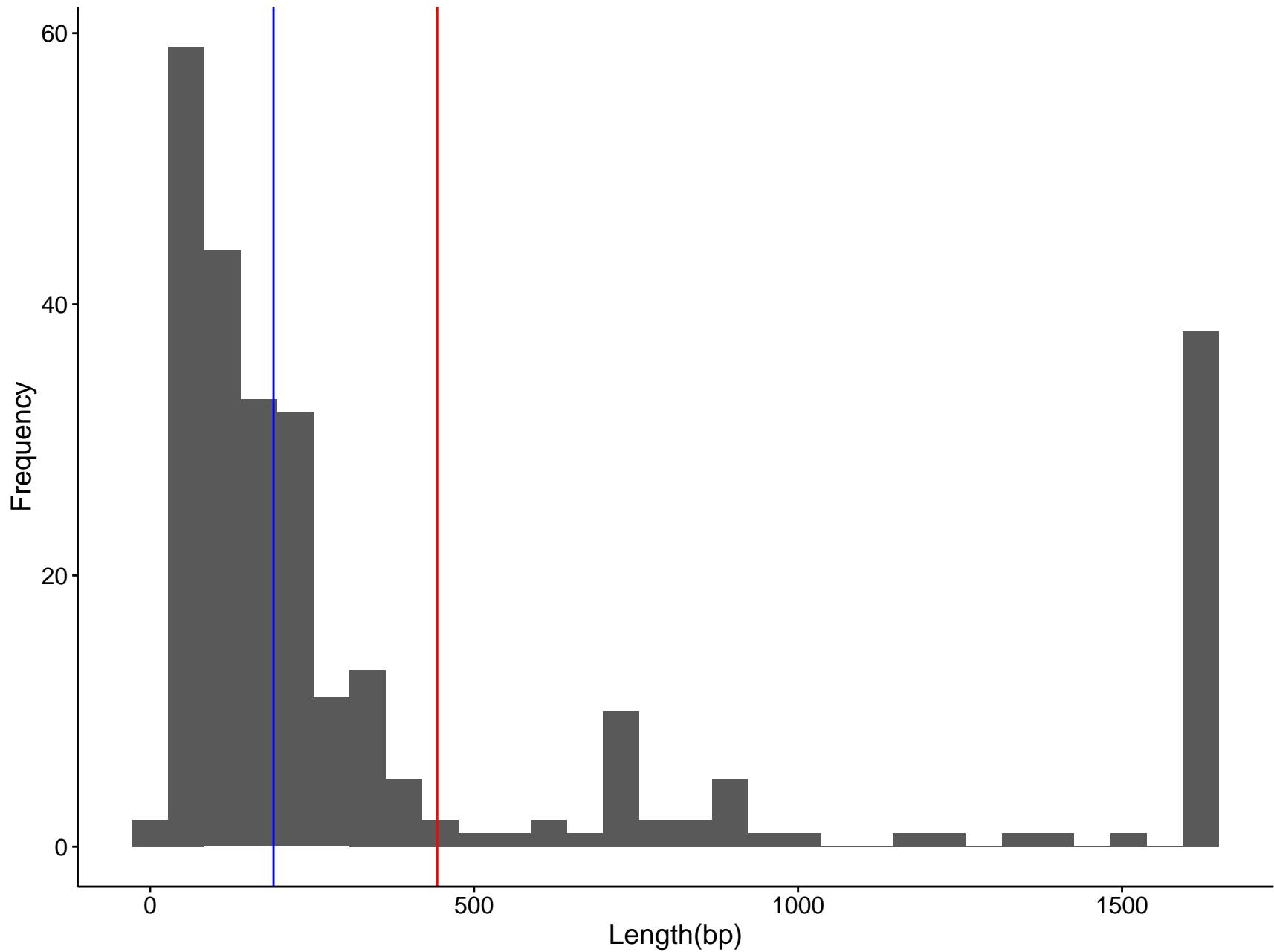
Cluster889



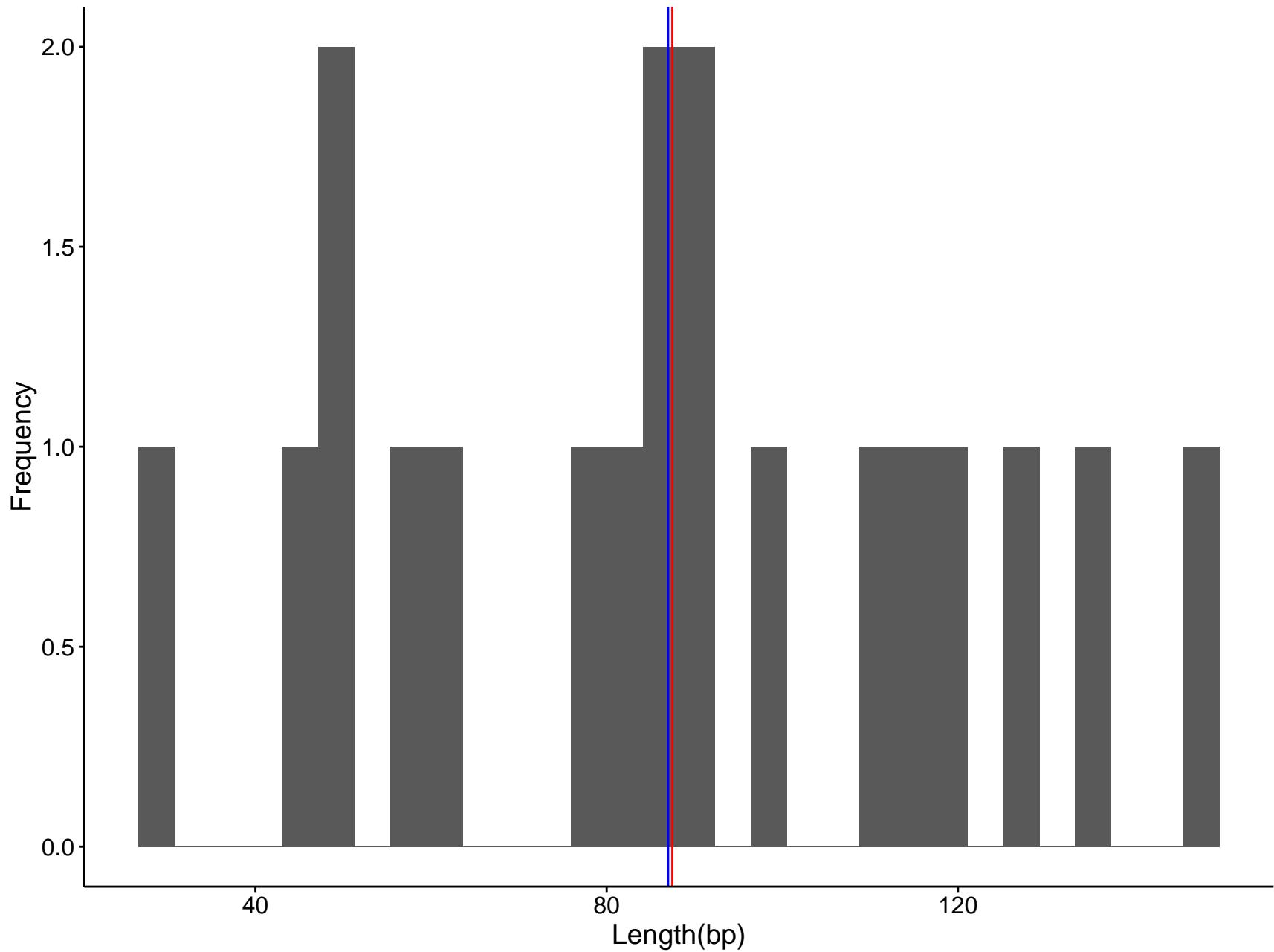
Cluster890



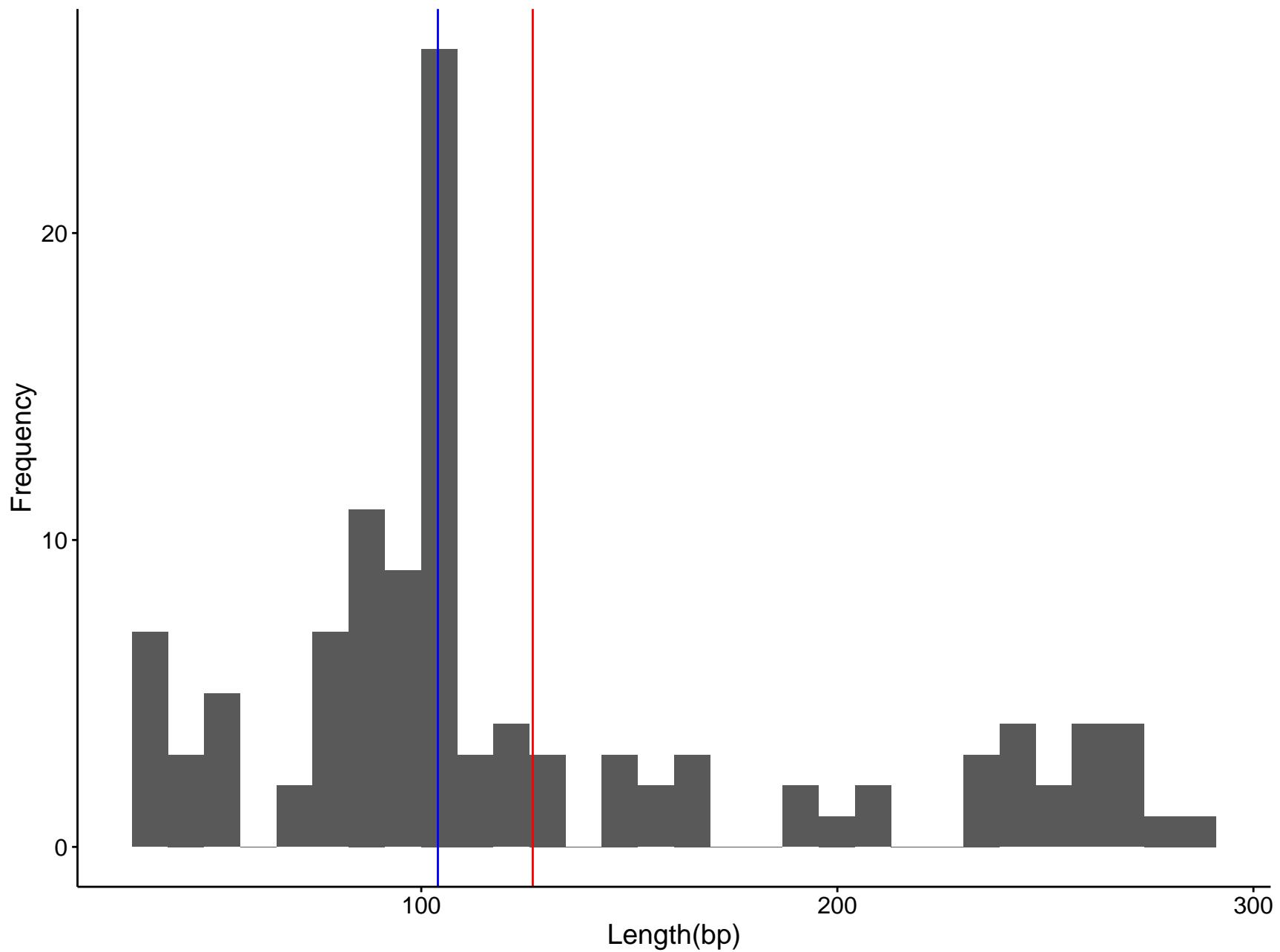
Cluster893



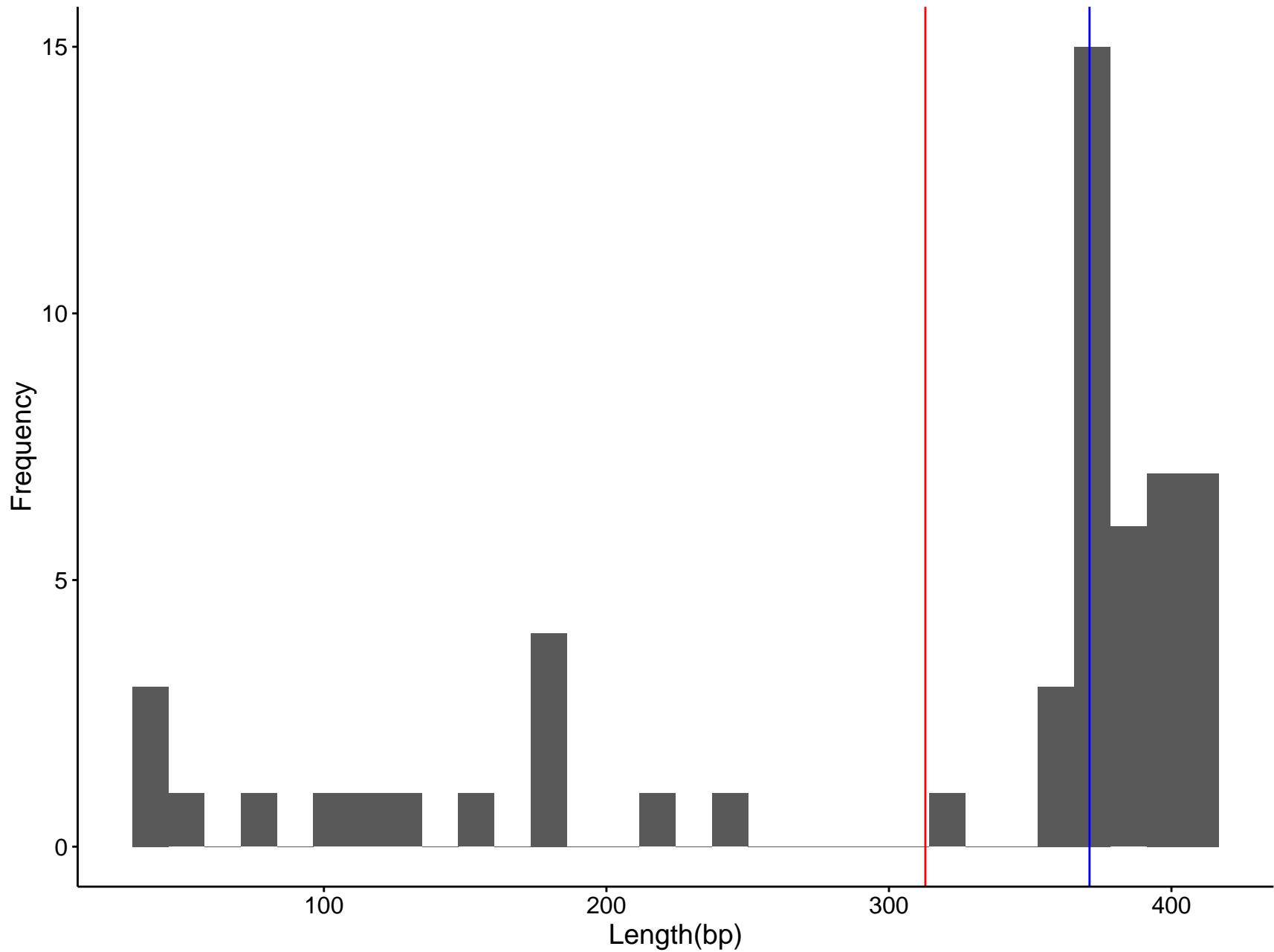
Cluster894



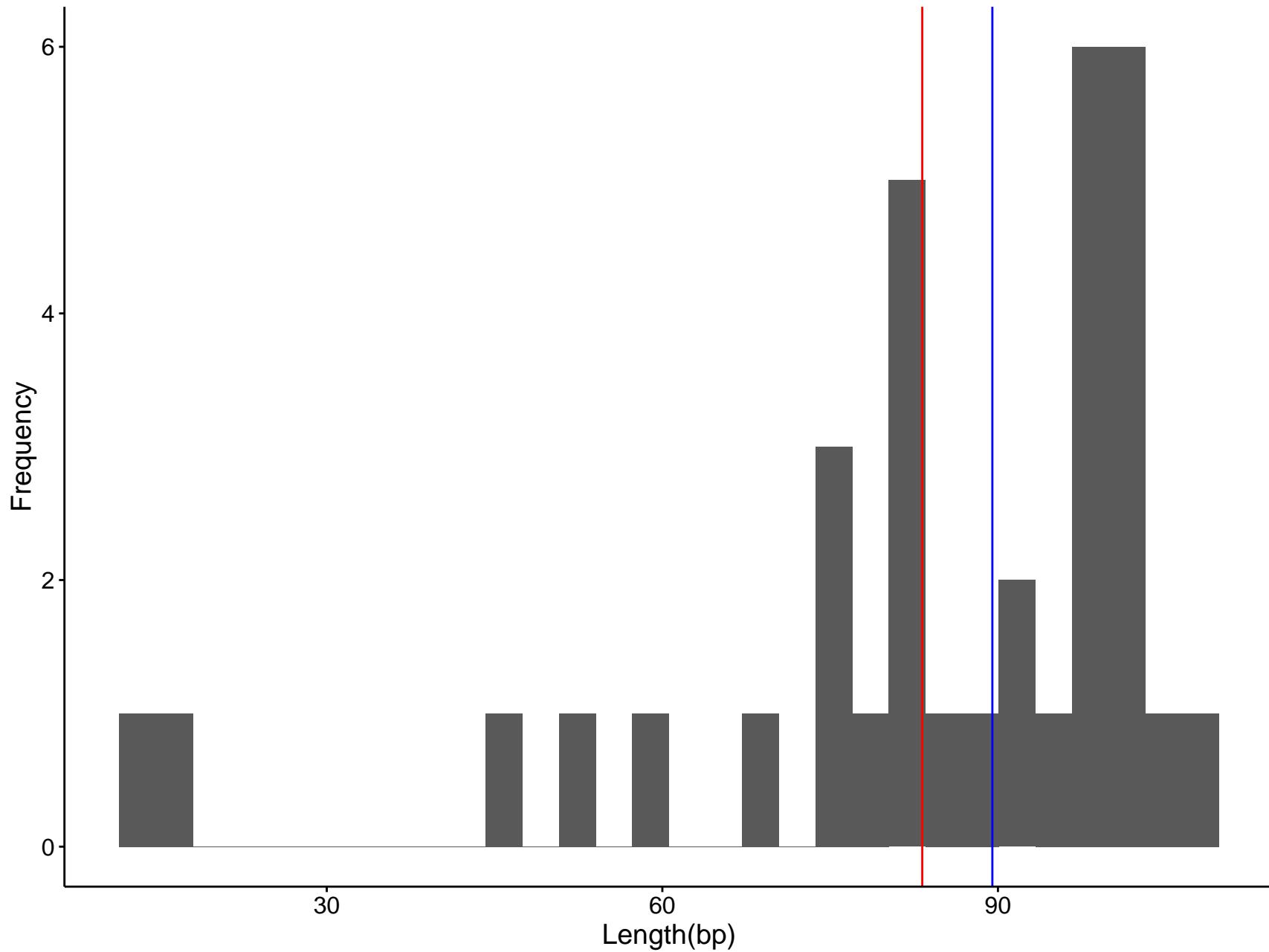
Cluster895



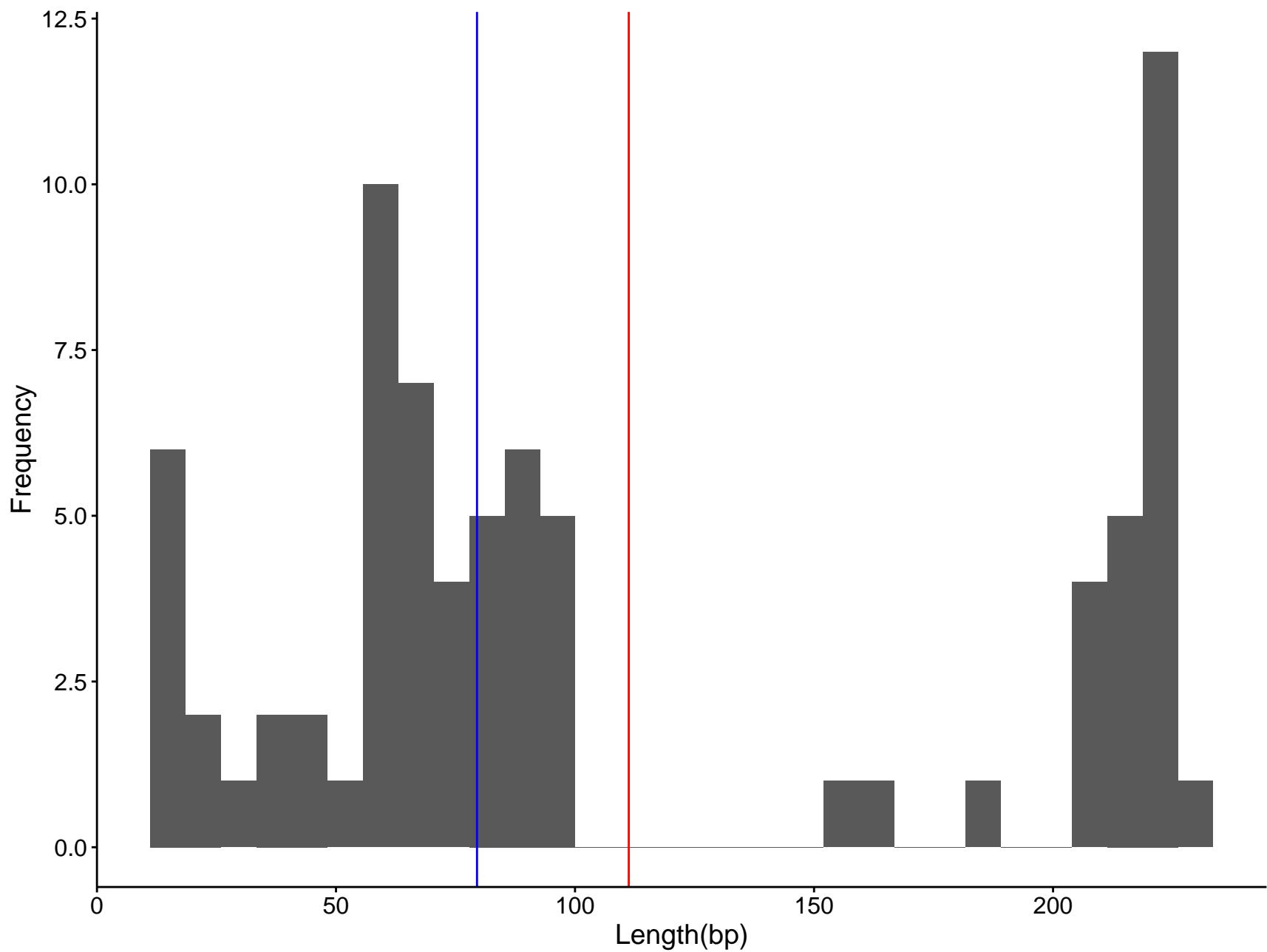
Cluster896



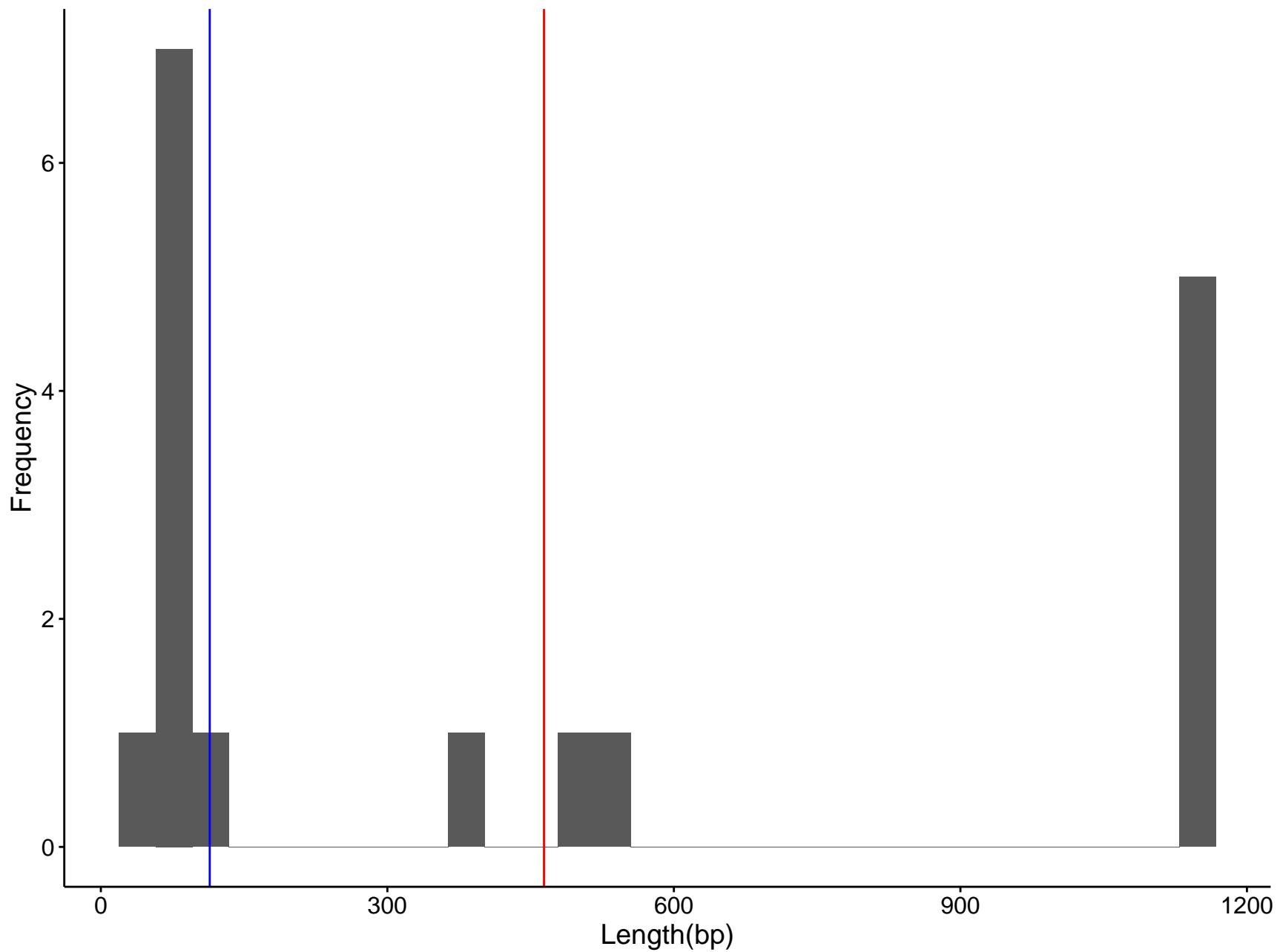
Cluster897



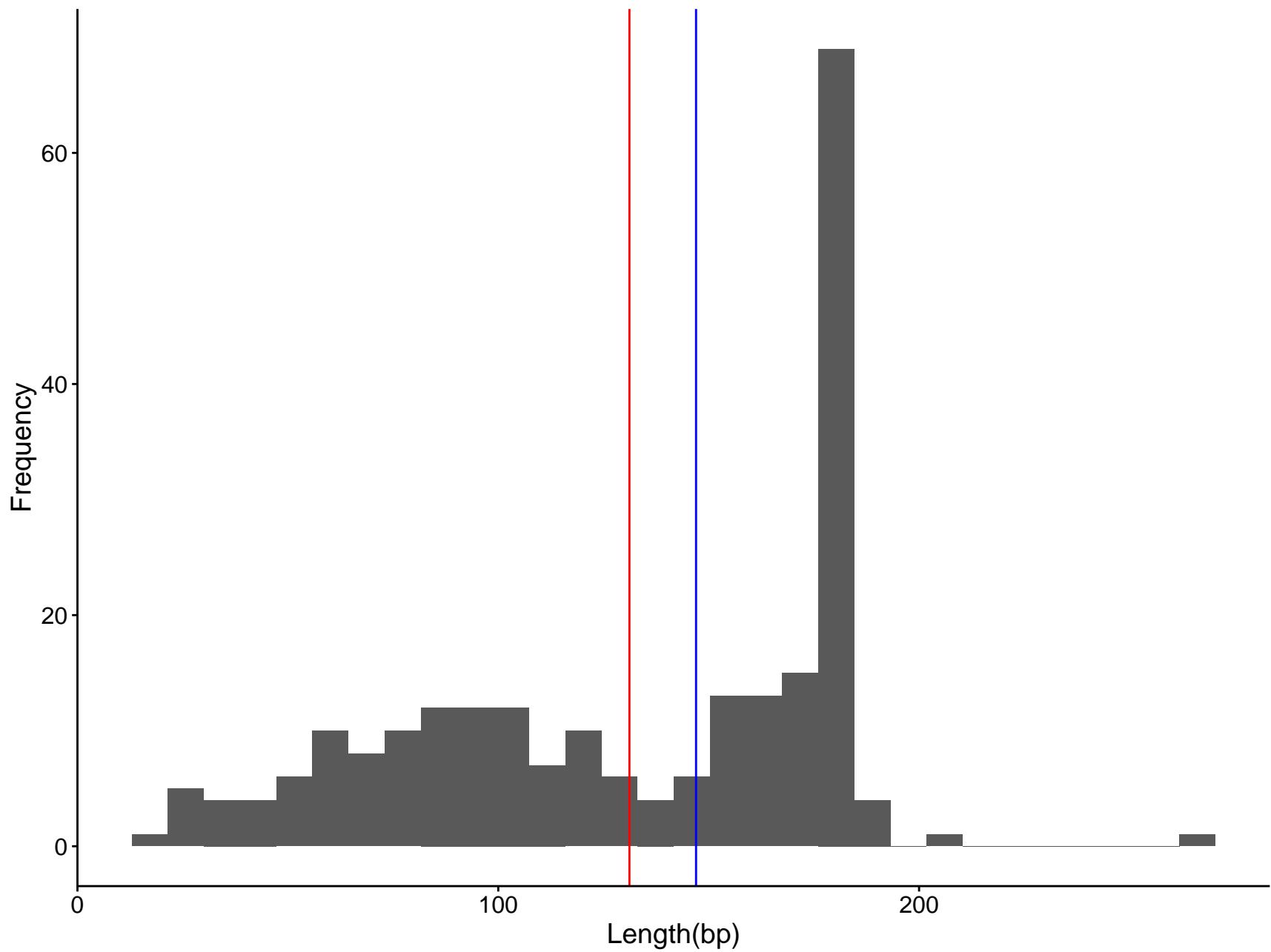
Cluster898



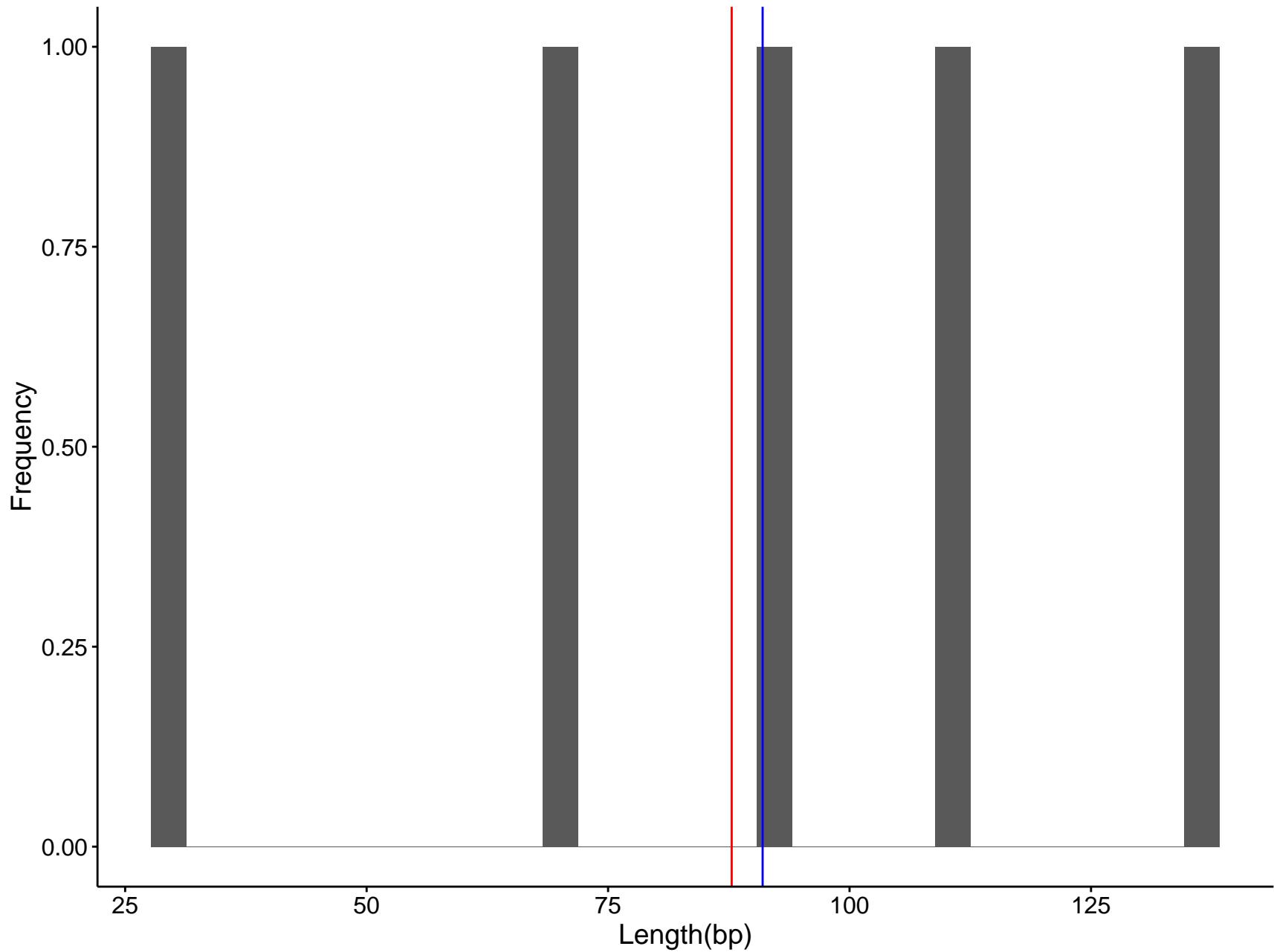
Cluster899



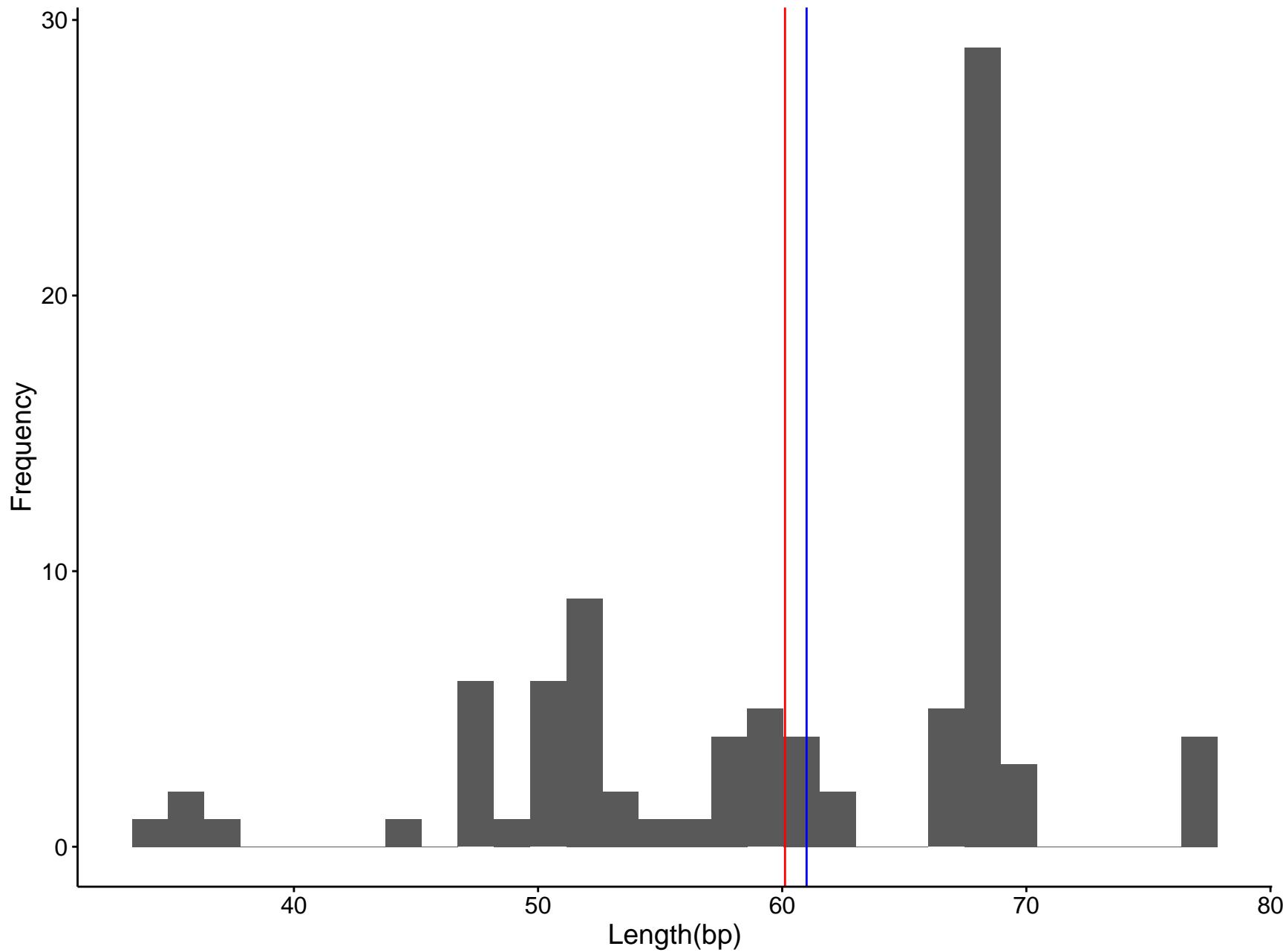
Cluster89



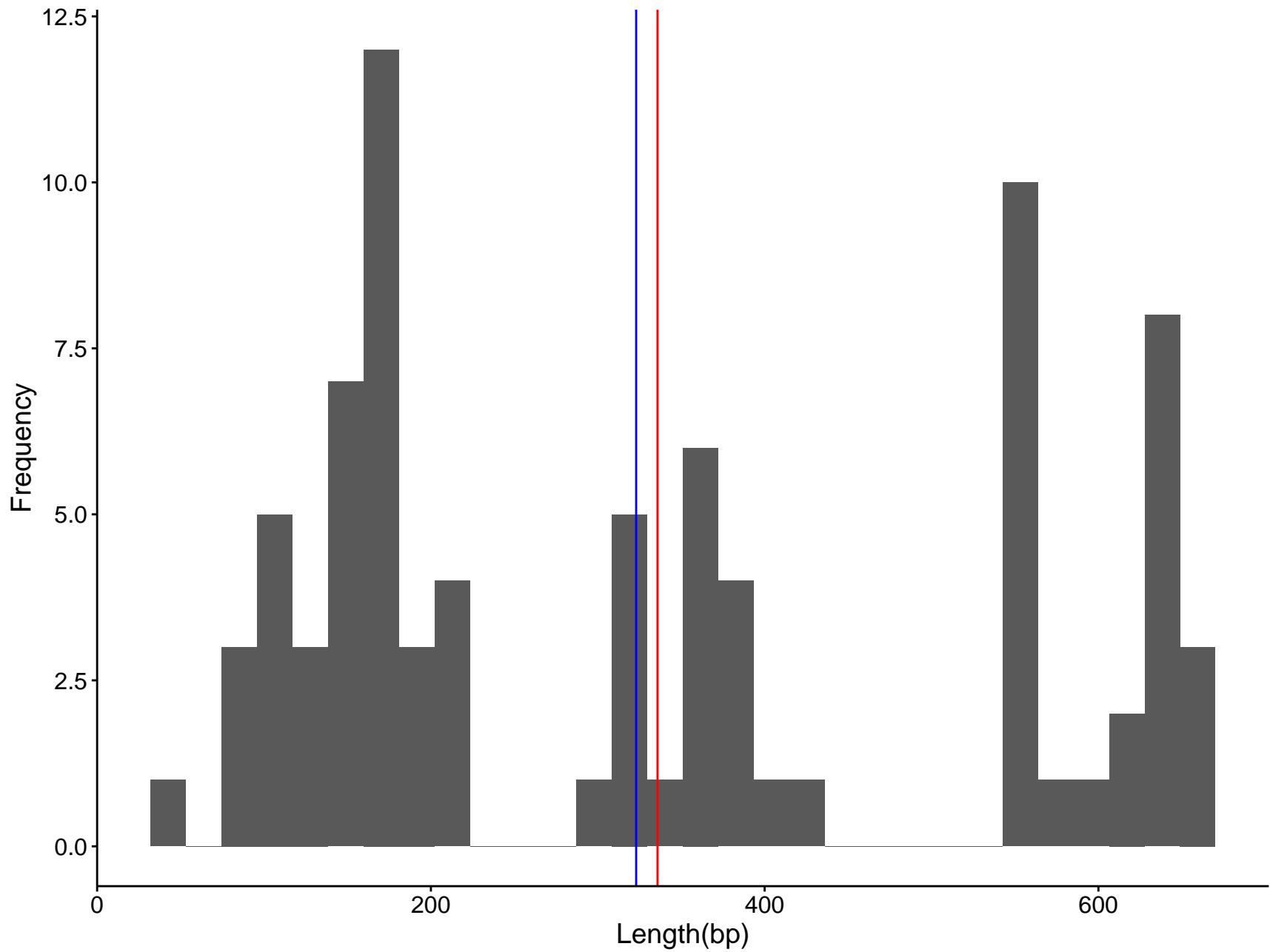
Cluster8



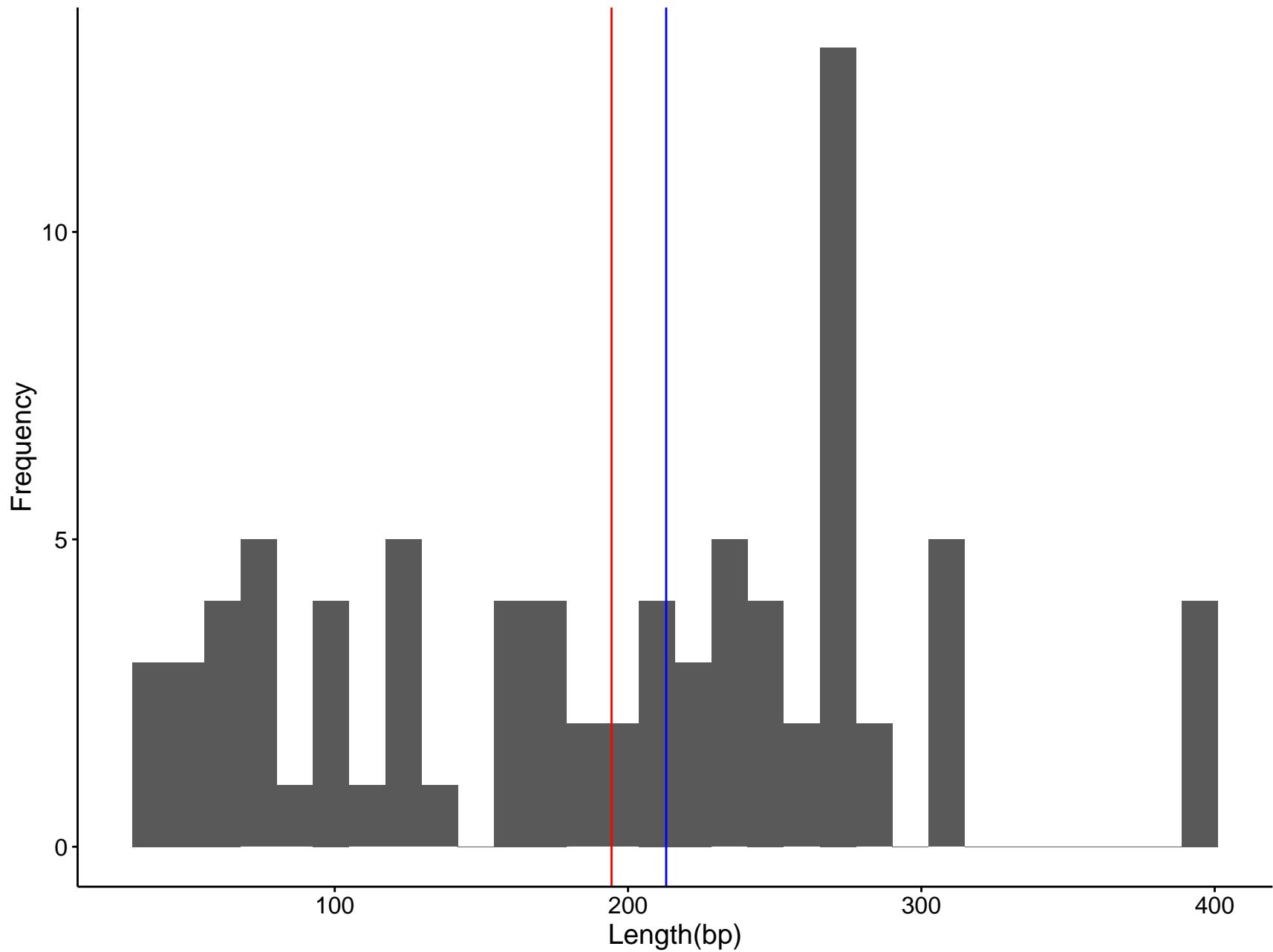
Cluster900



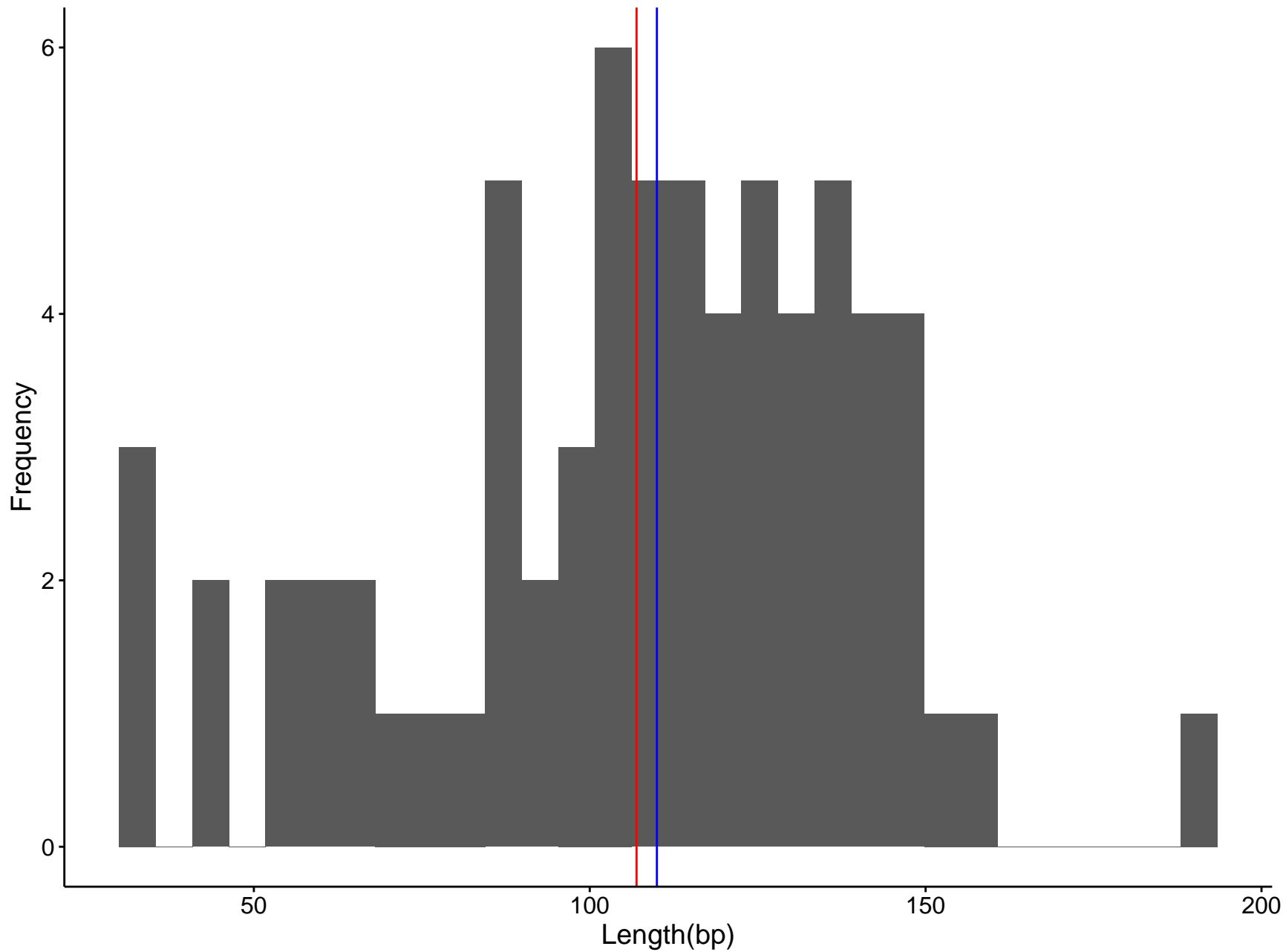
Cluster901



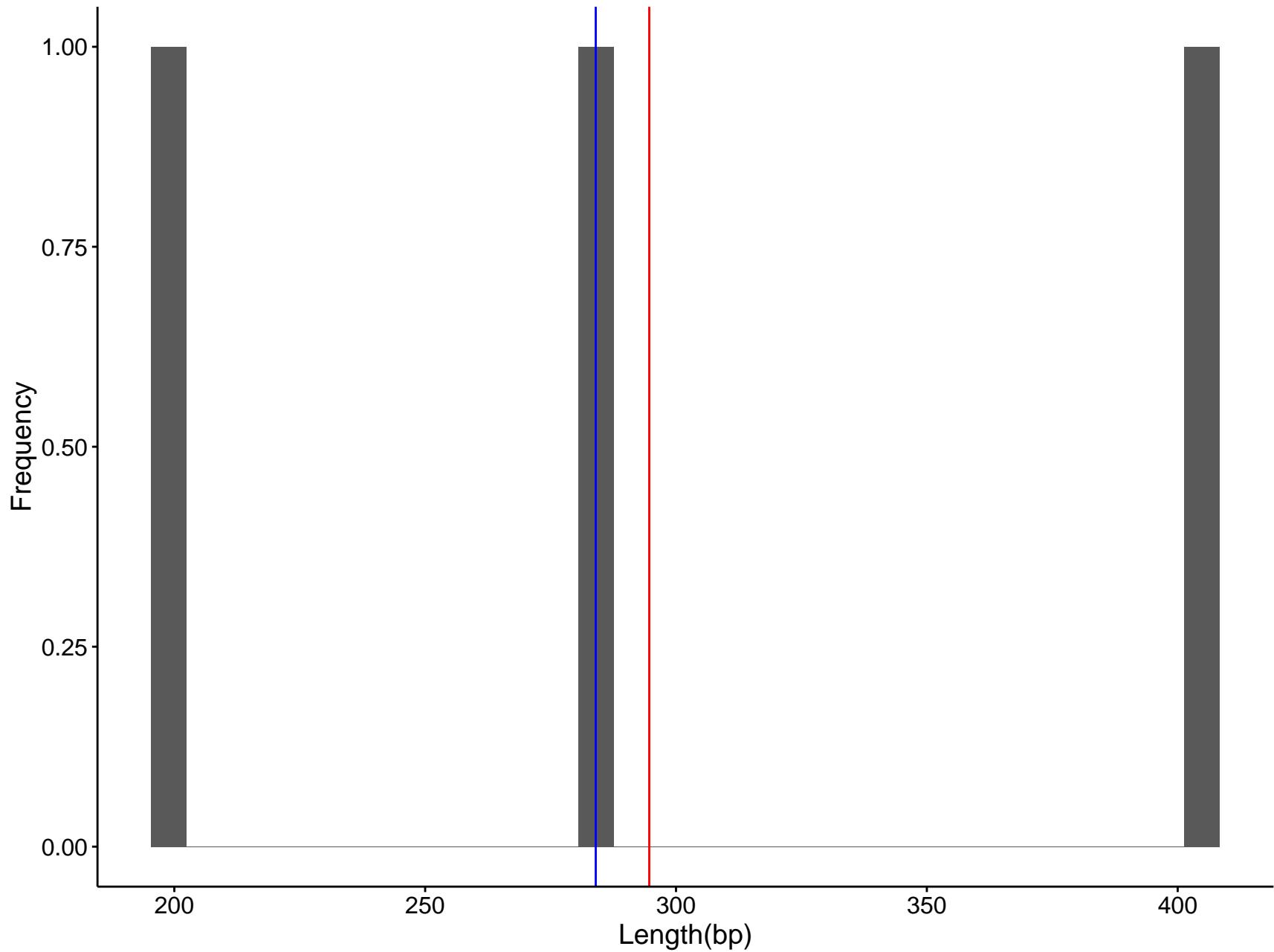
Cluster903



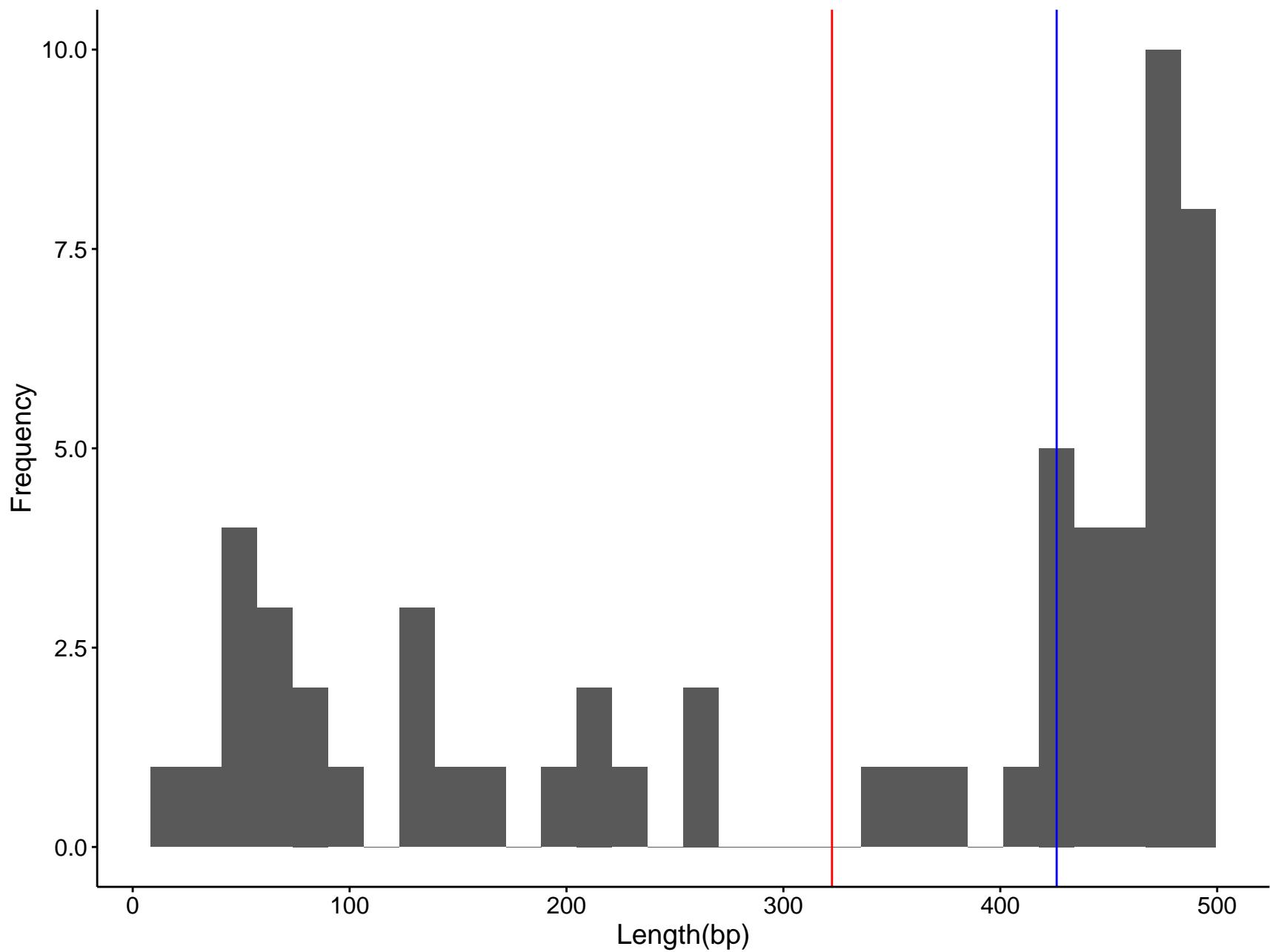
Cluster904



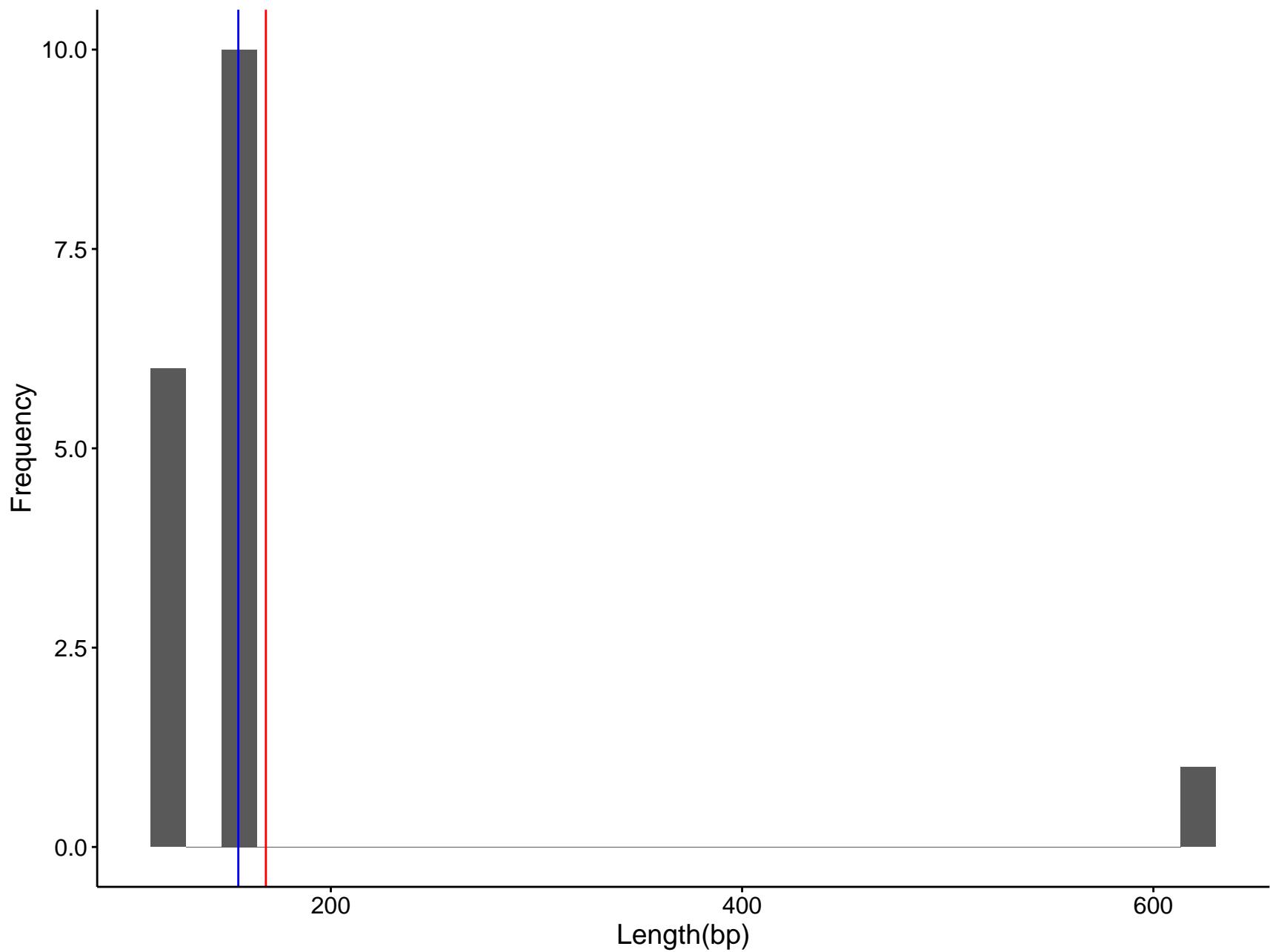
Cluster905



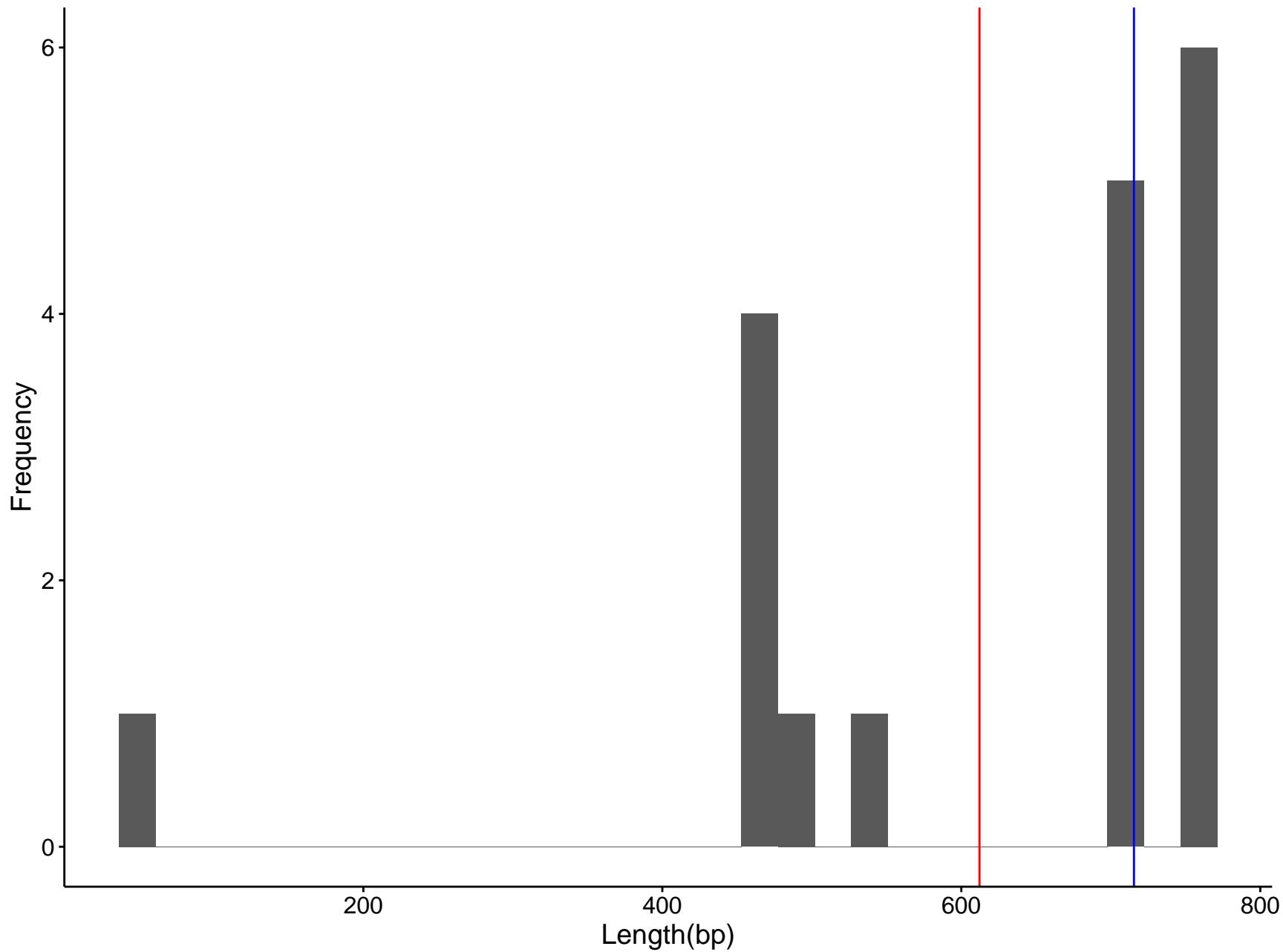
Cluster906

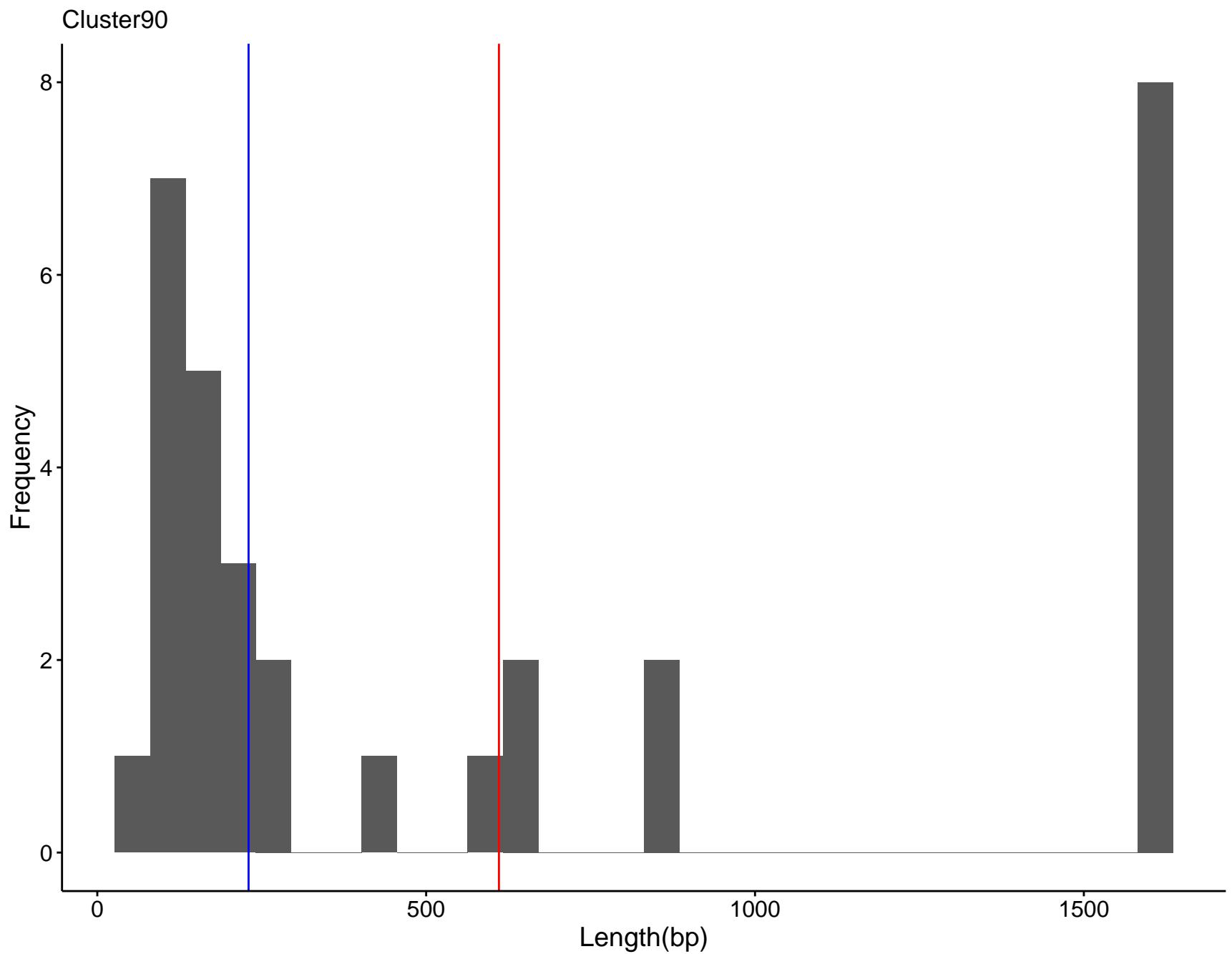


Cluster907

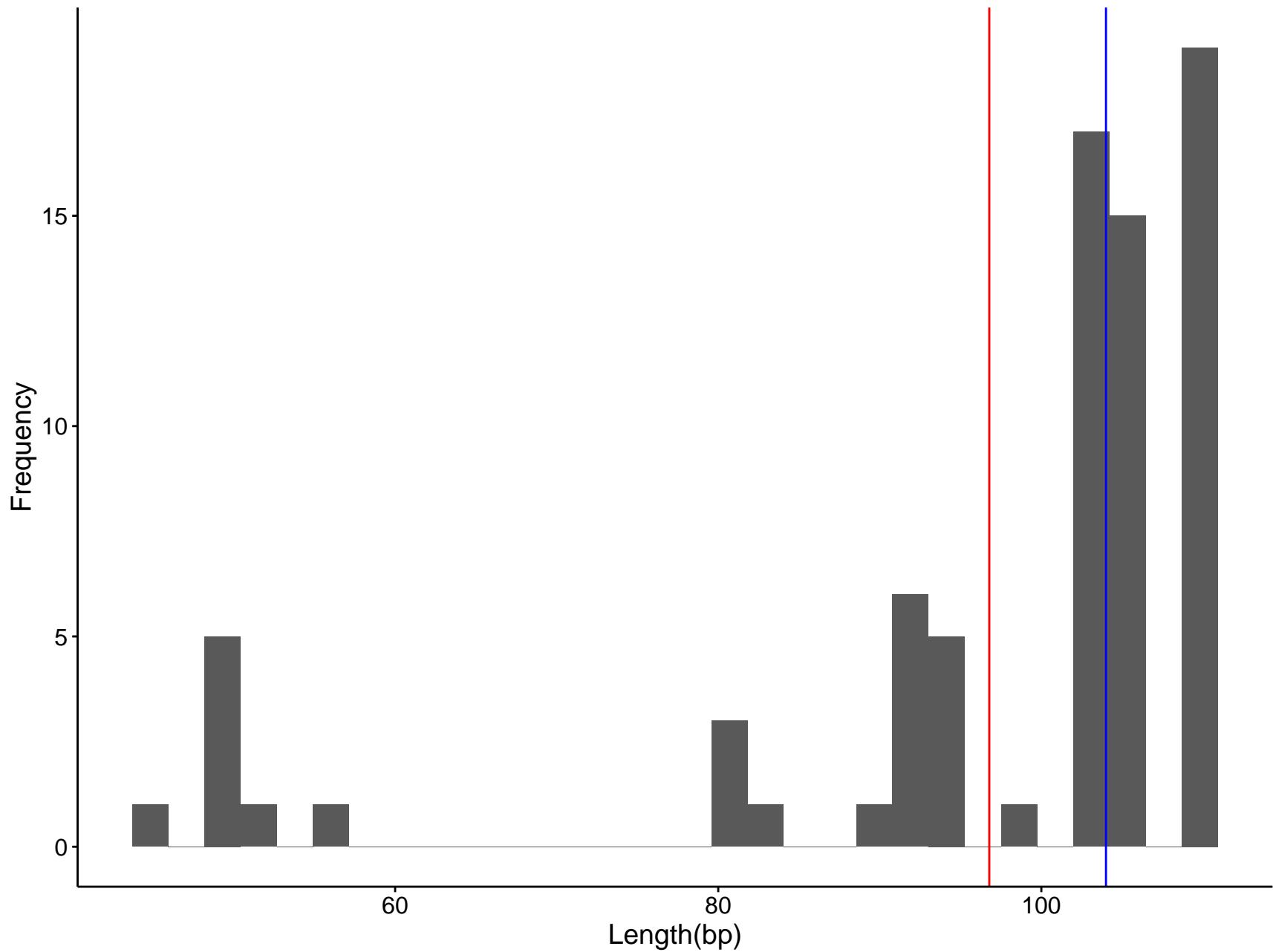


Cluster909

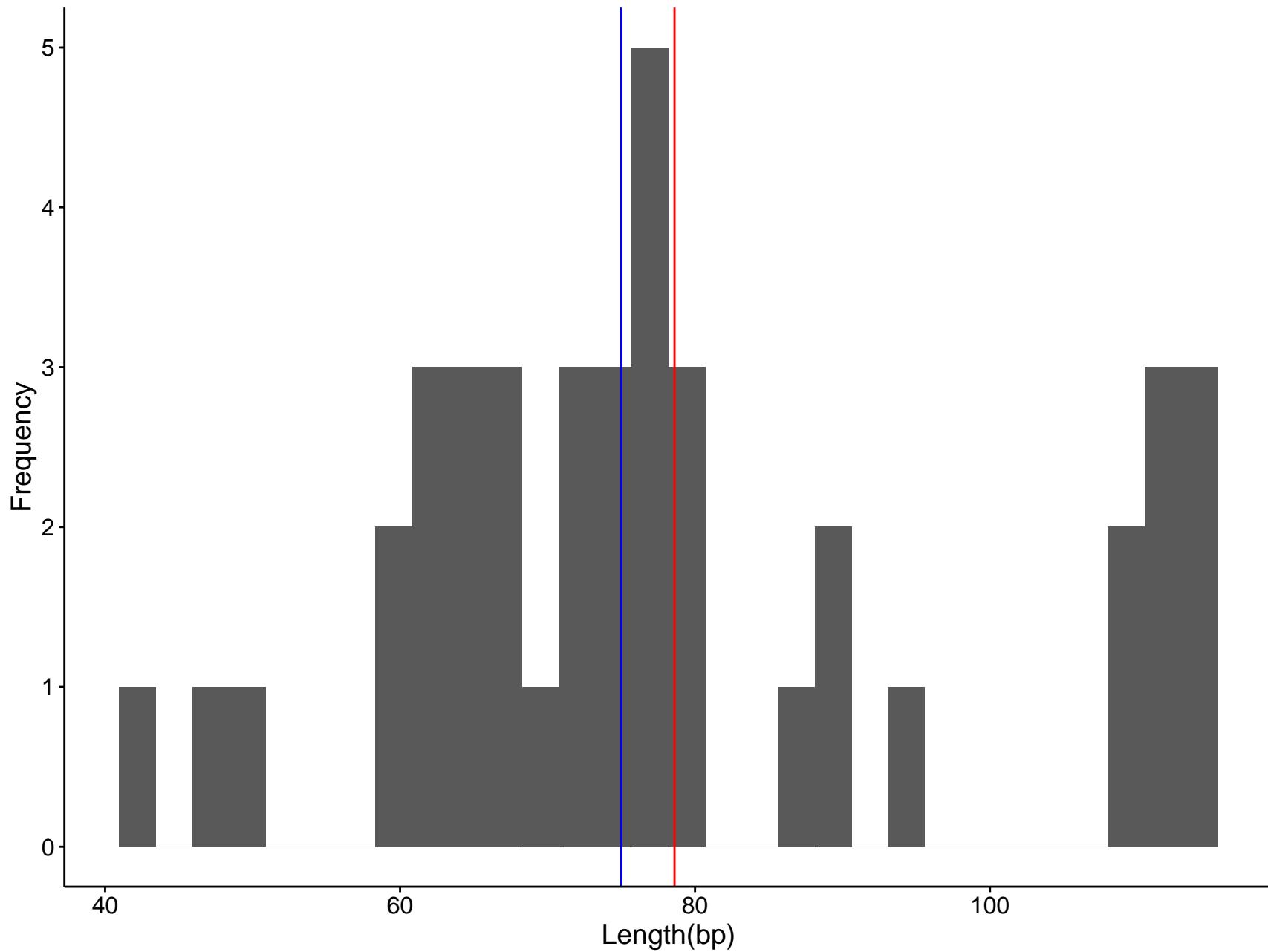




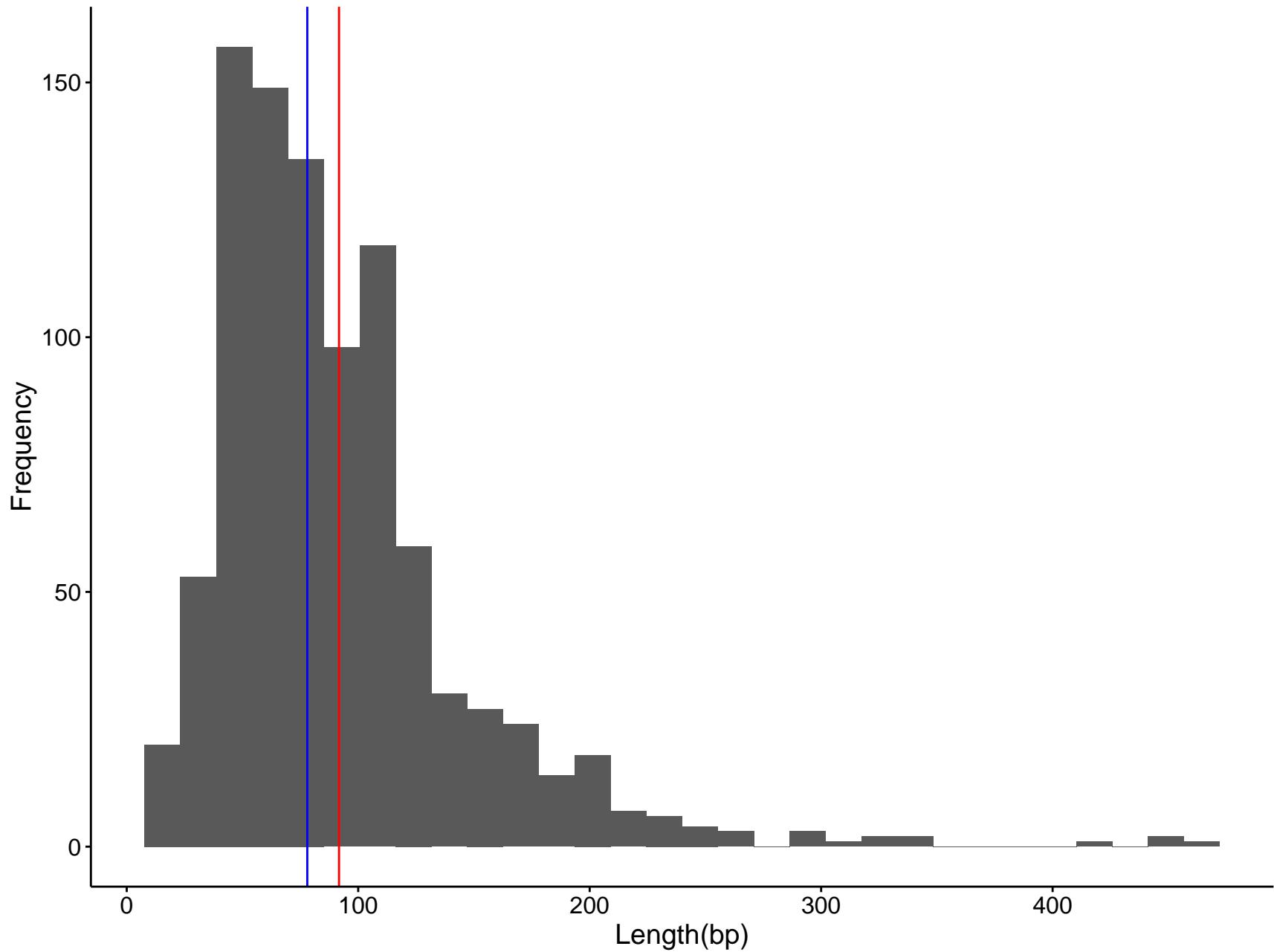
Cluster910



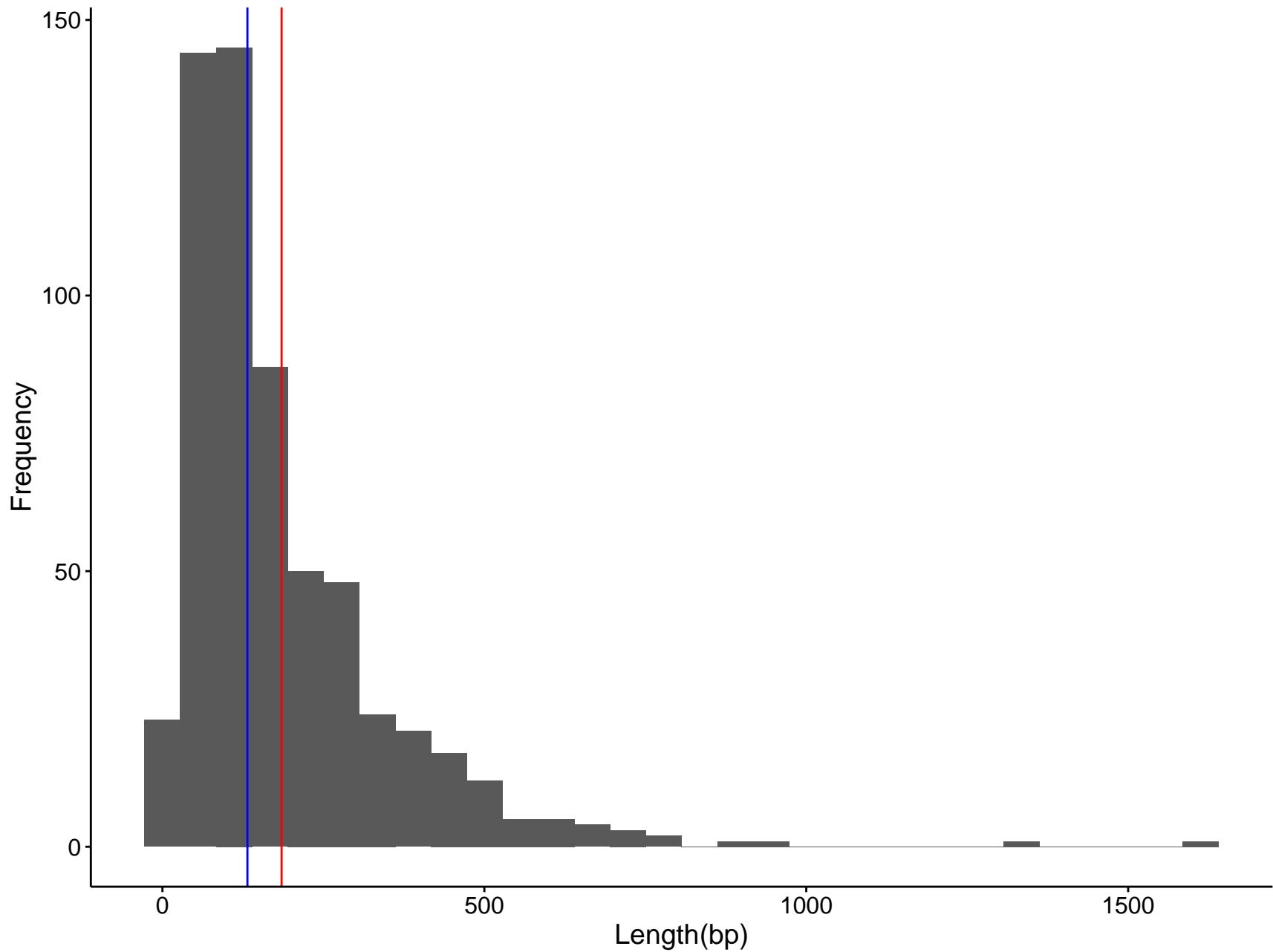
Cluster911



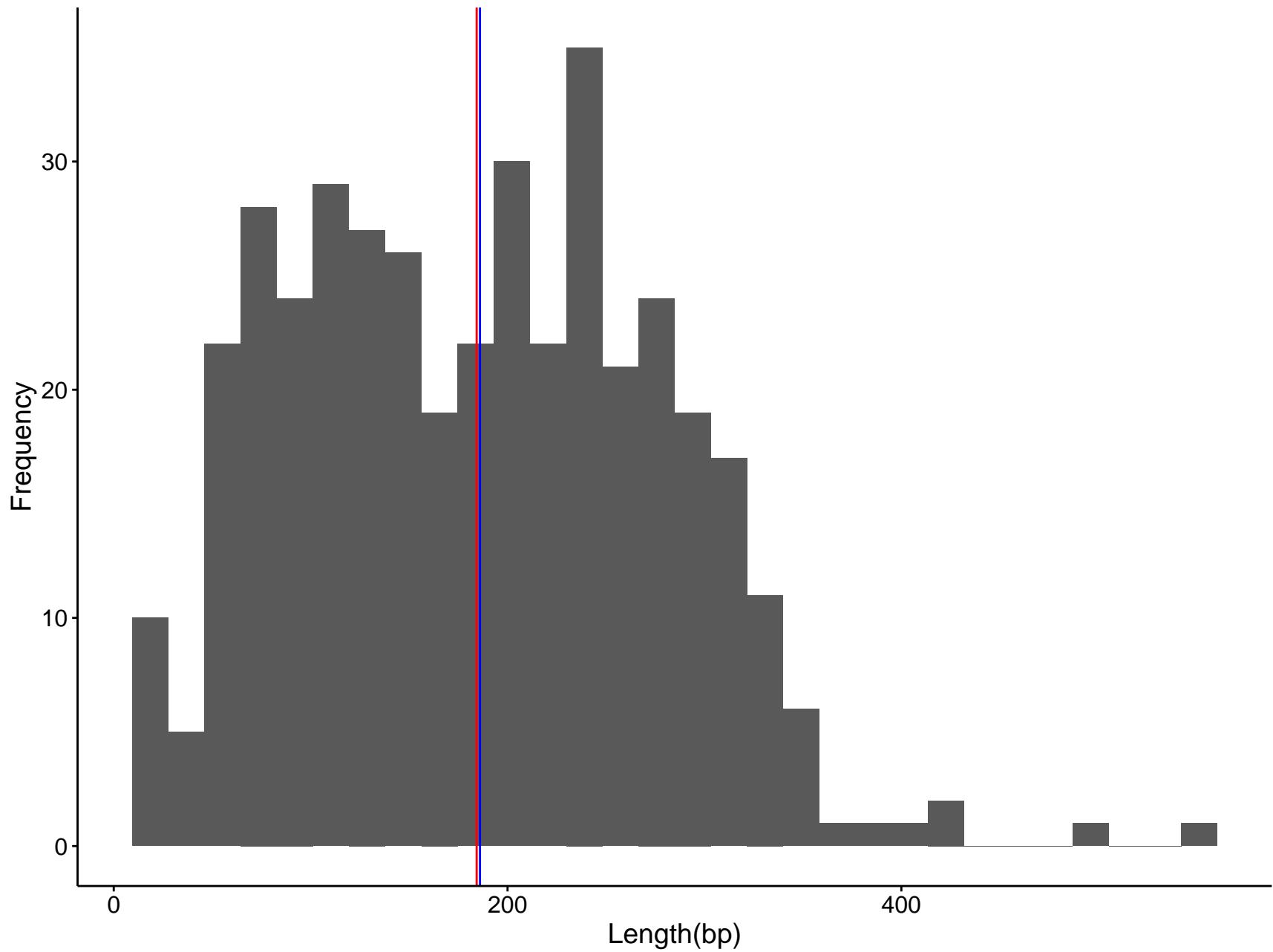
Cluster912



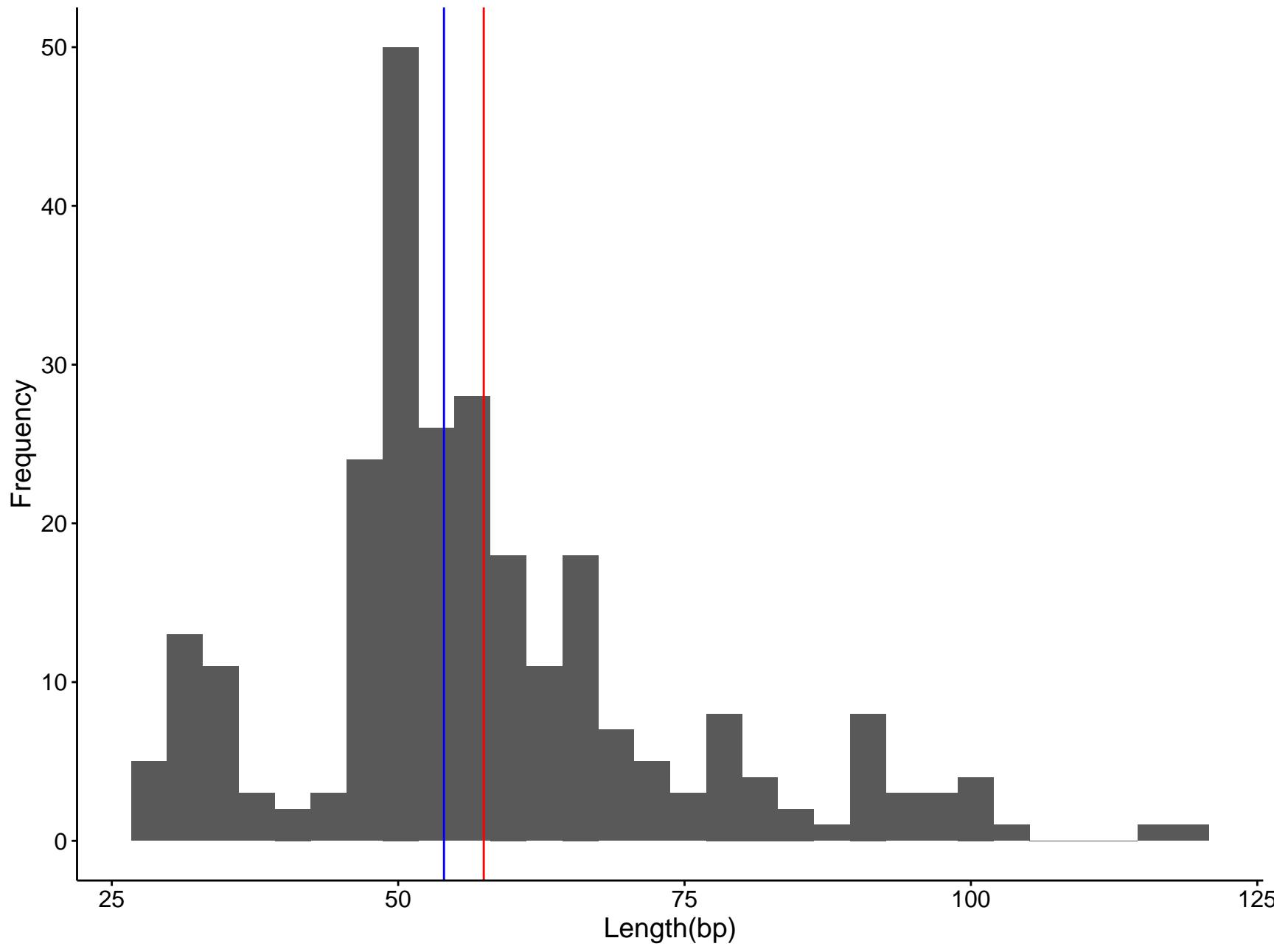
Cluster913



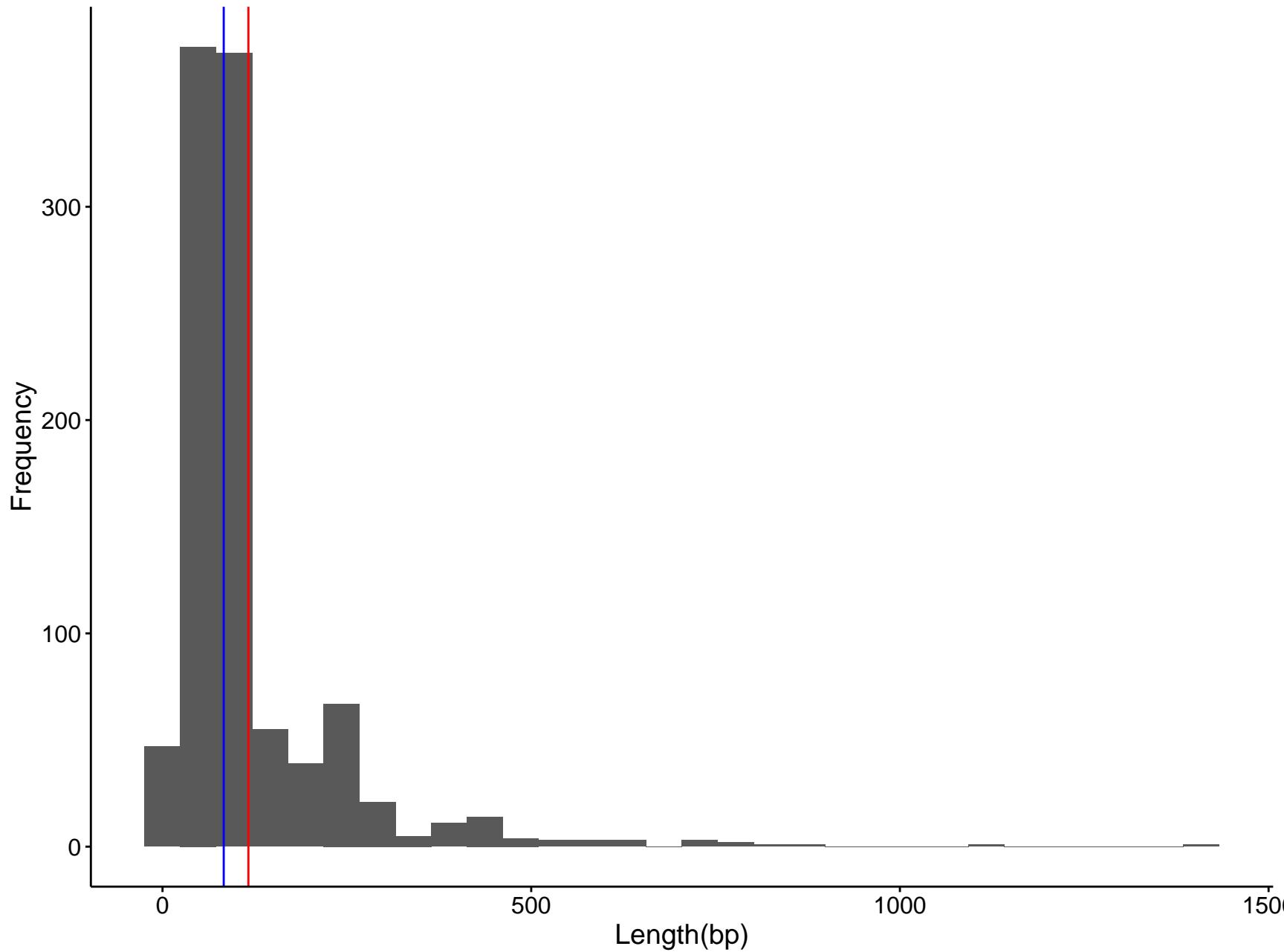
Cluster914



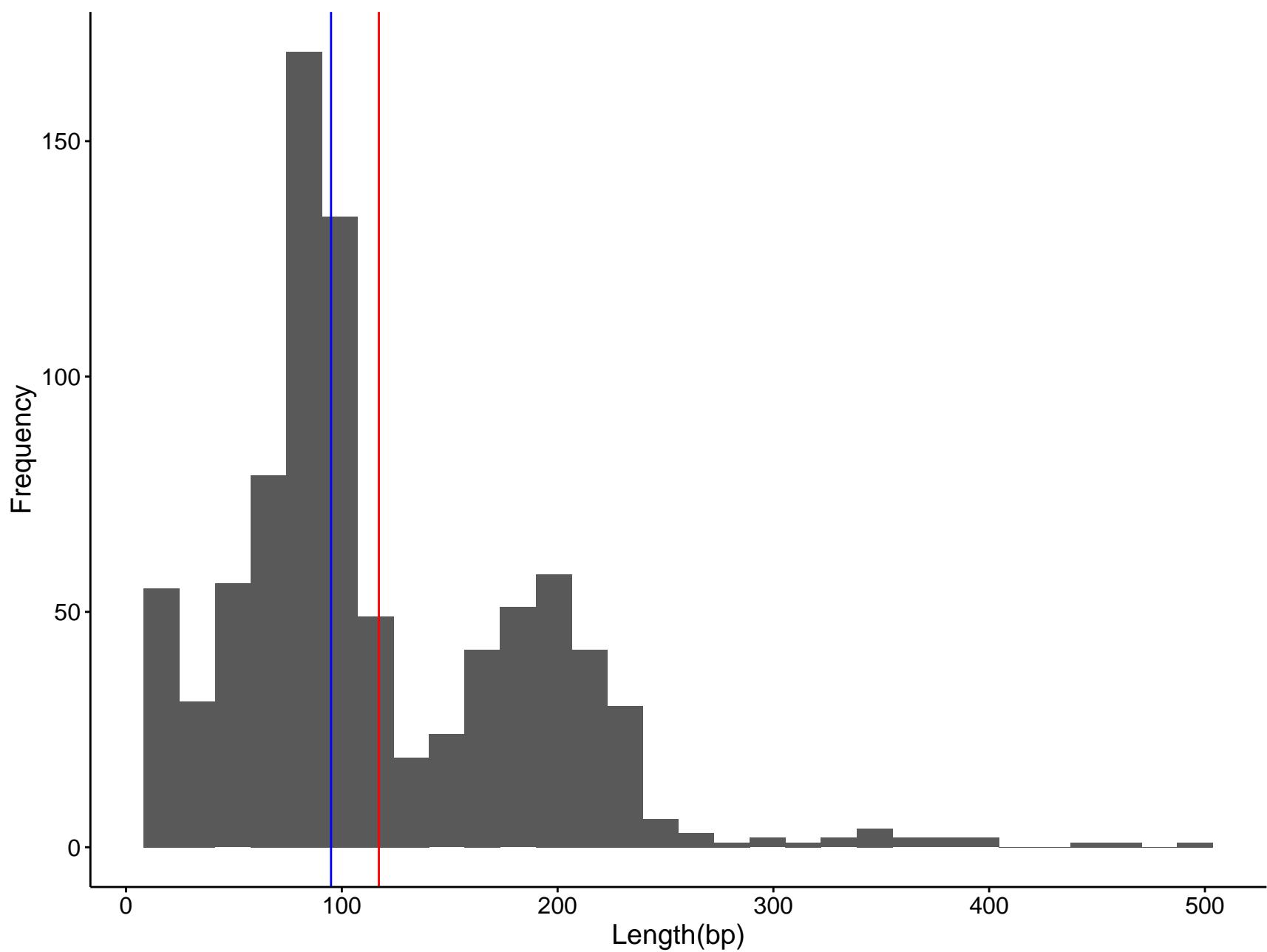
Cluster916



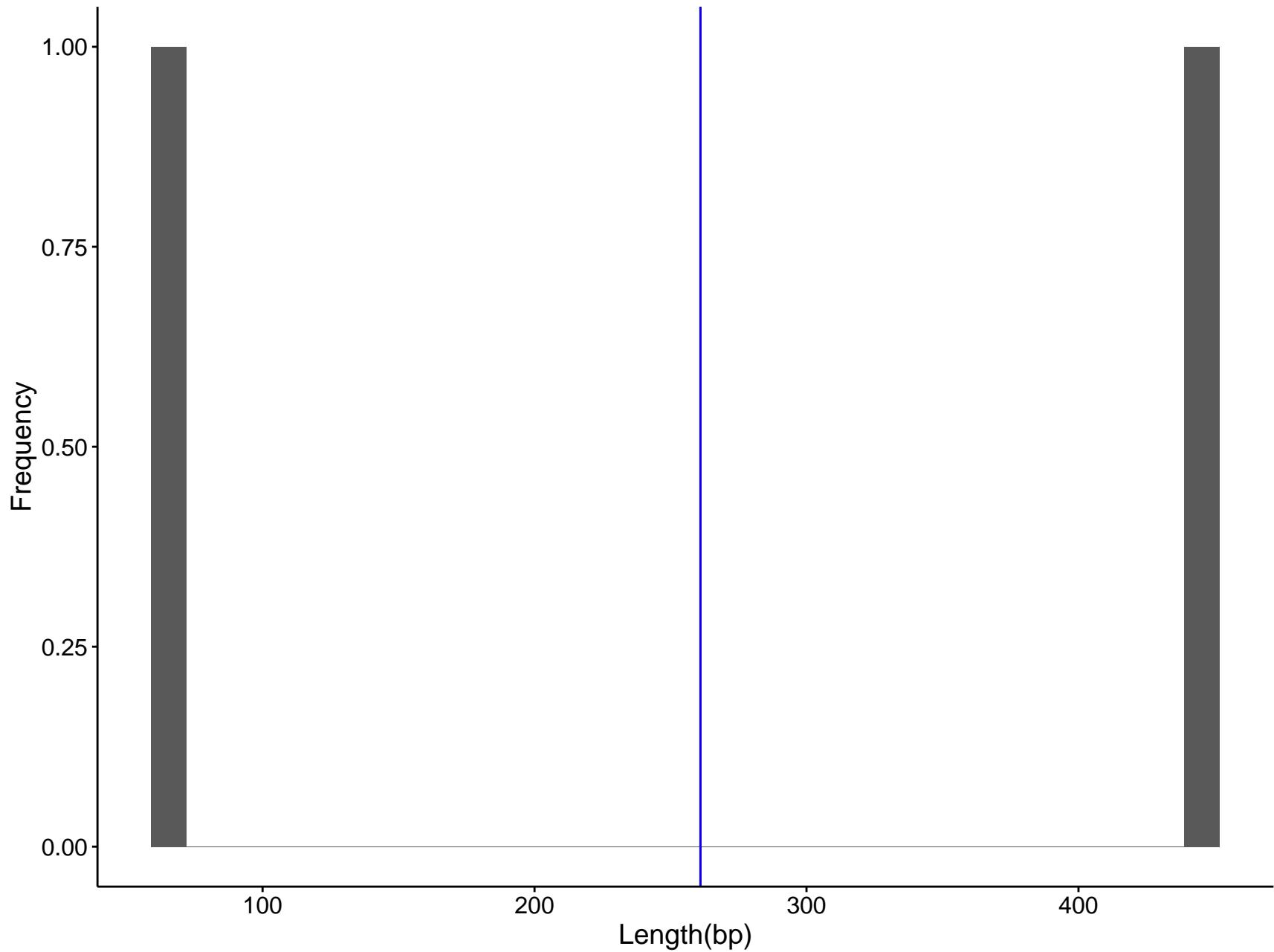
Cluster918



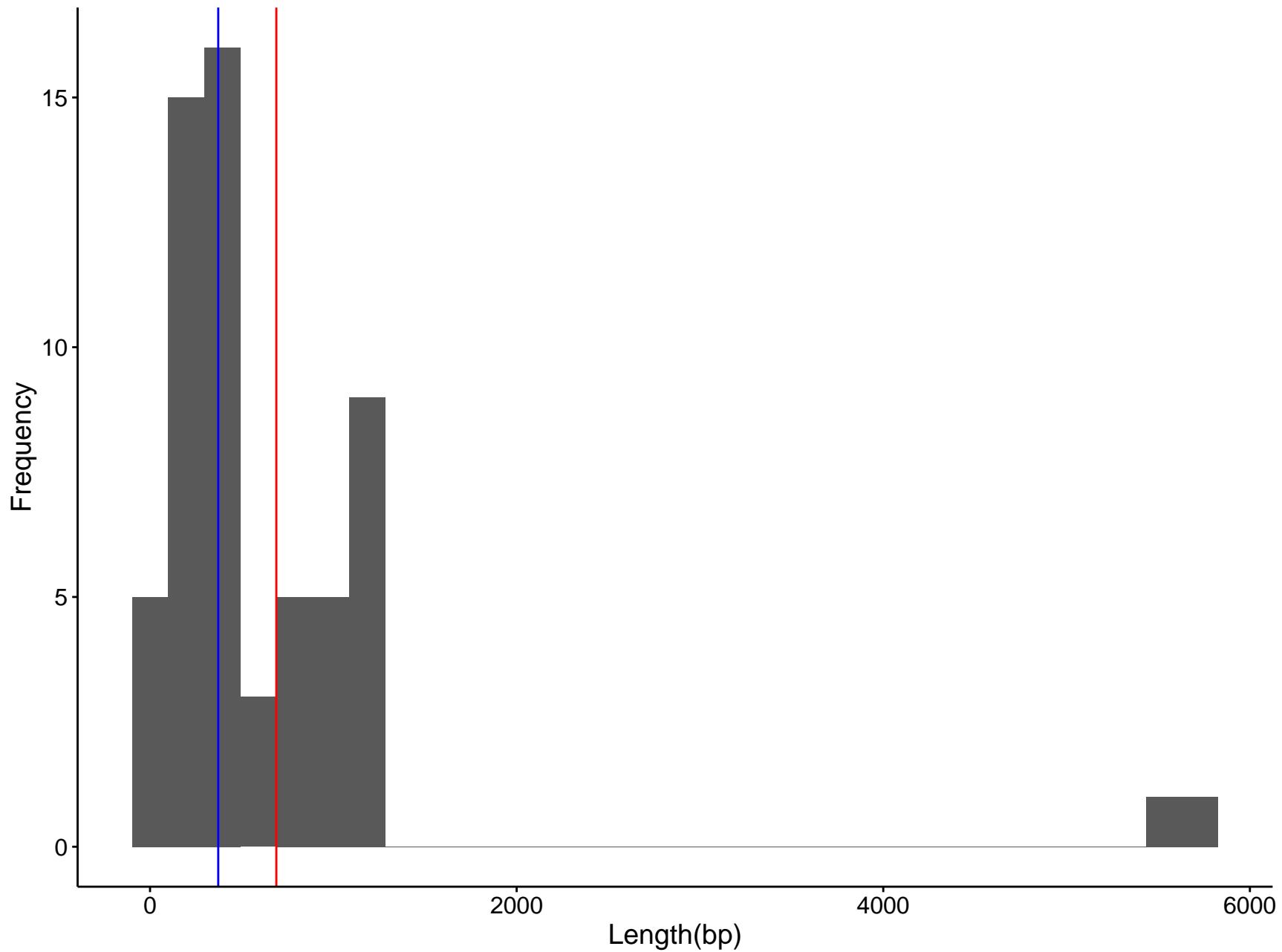
Cluster919



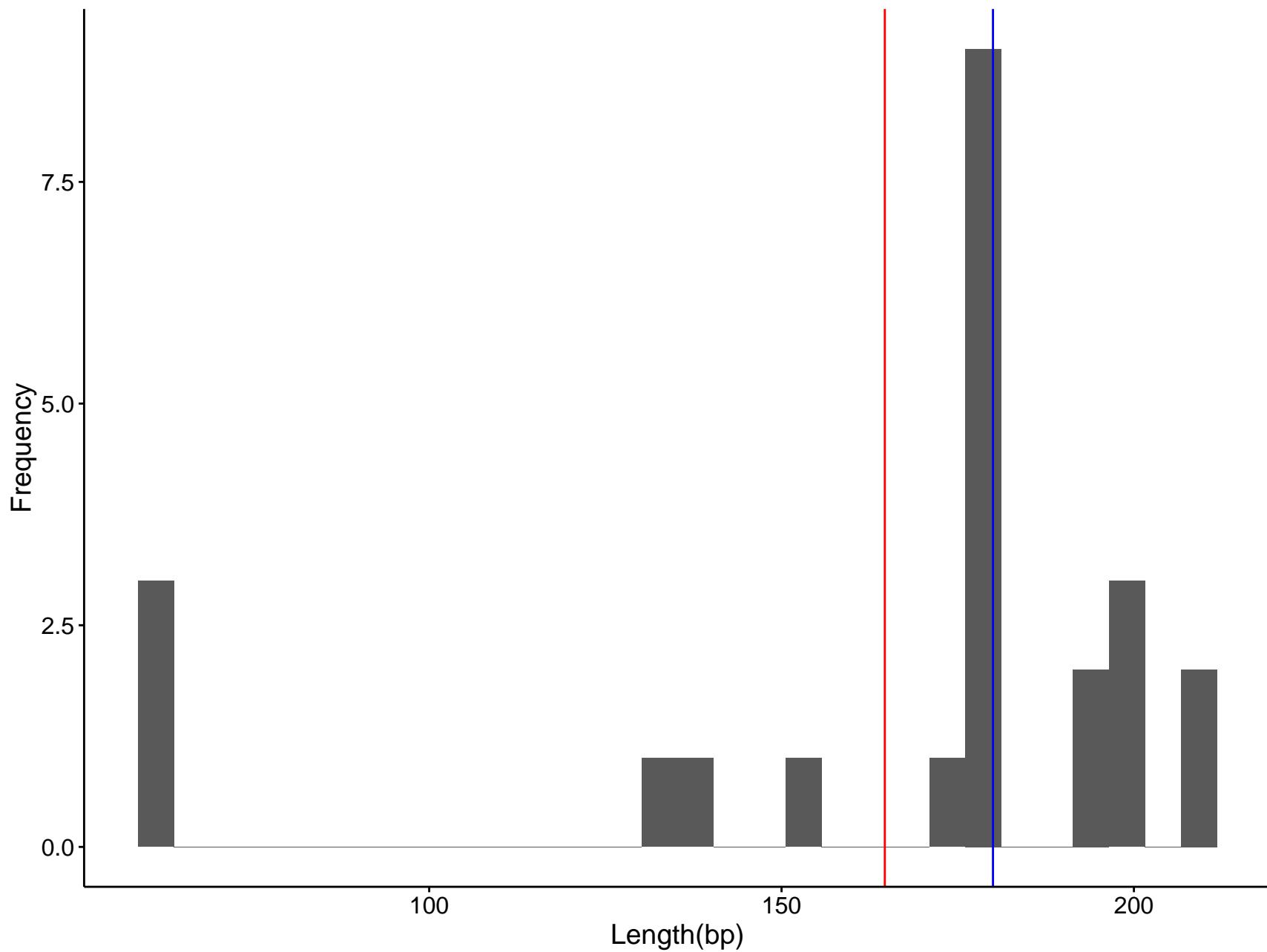
Cluster91



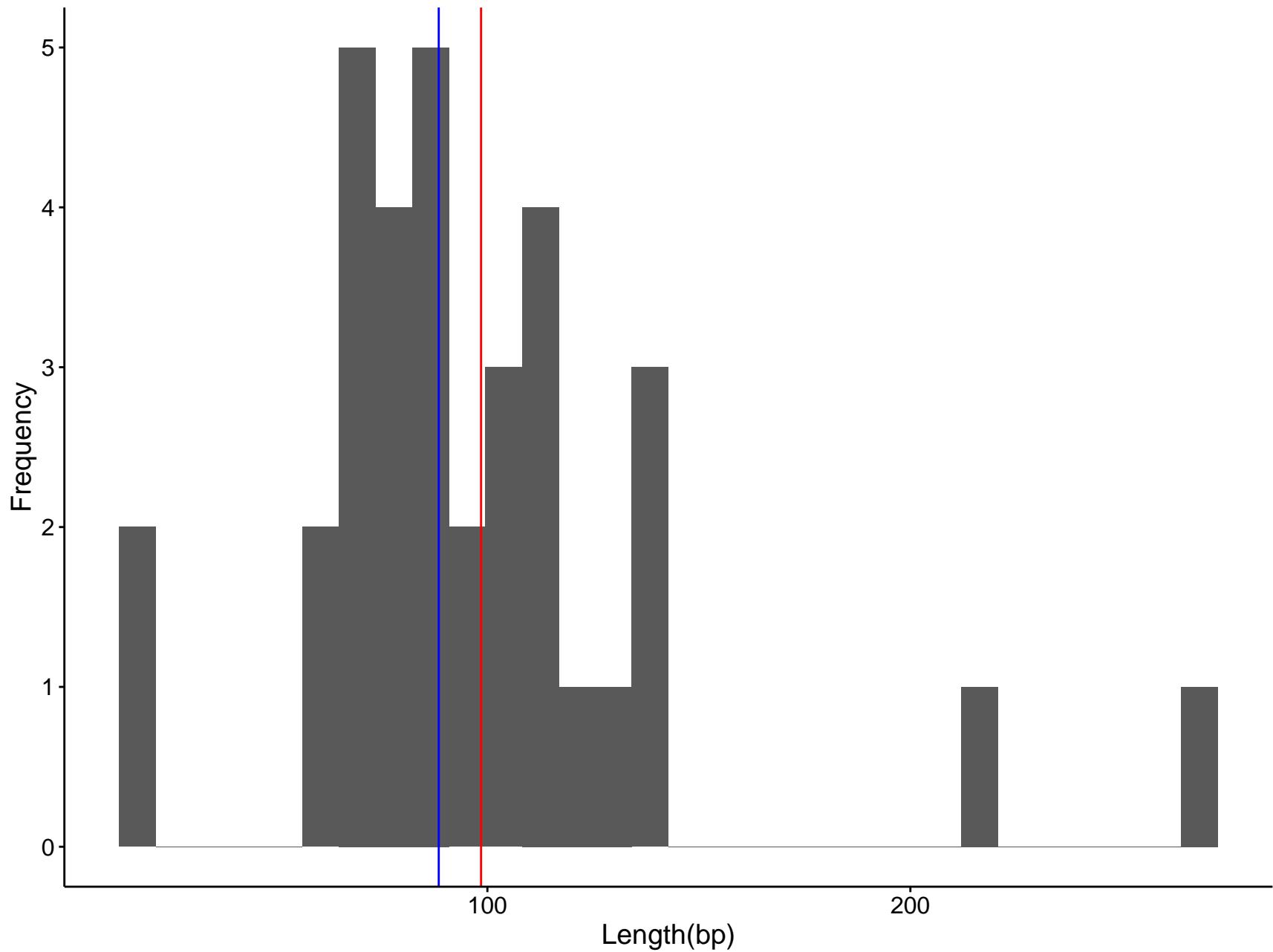
Cluster920

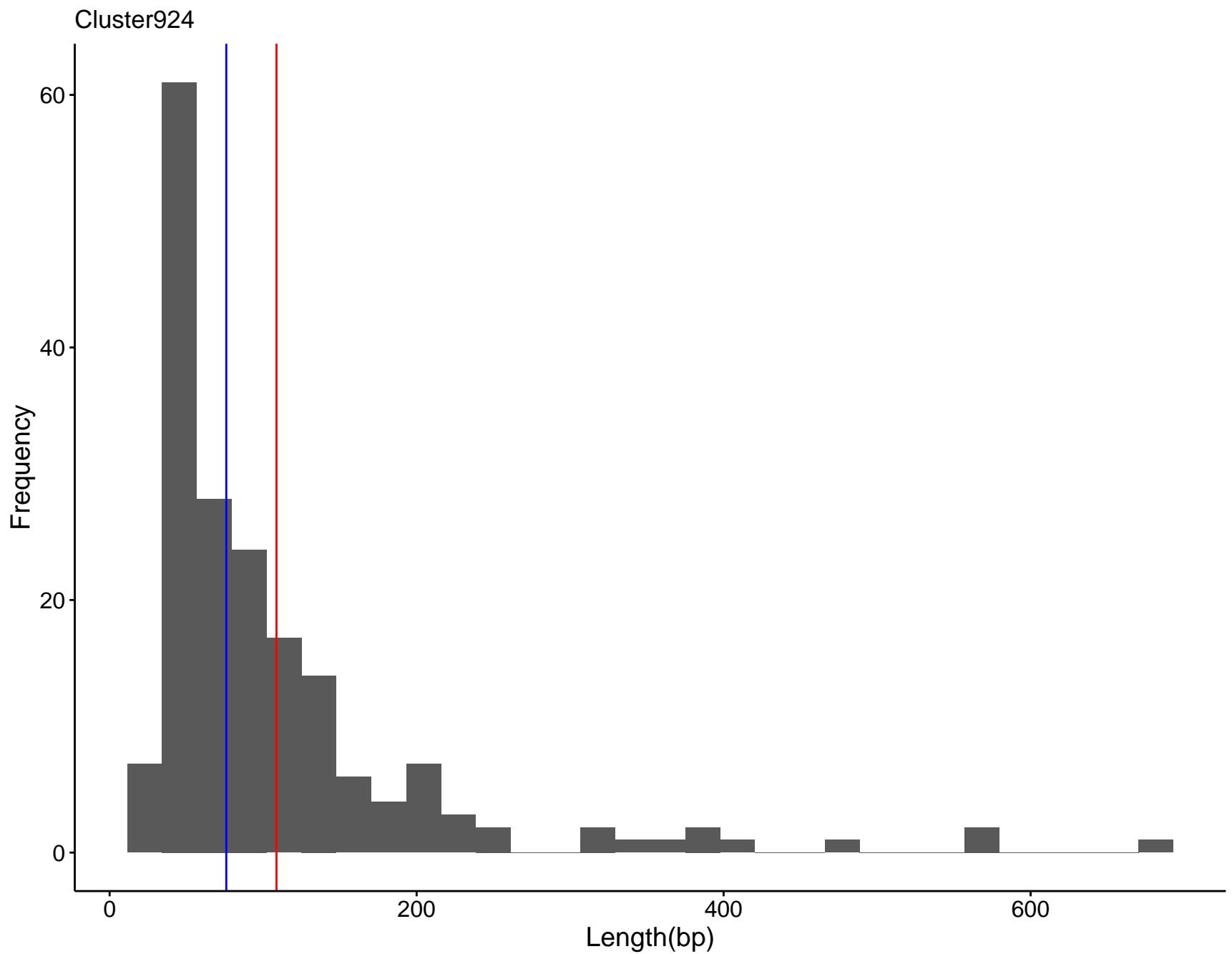


Cluster921

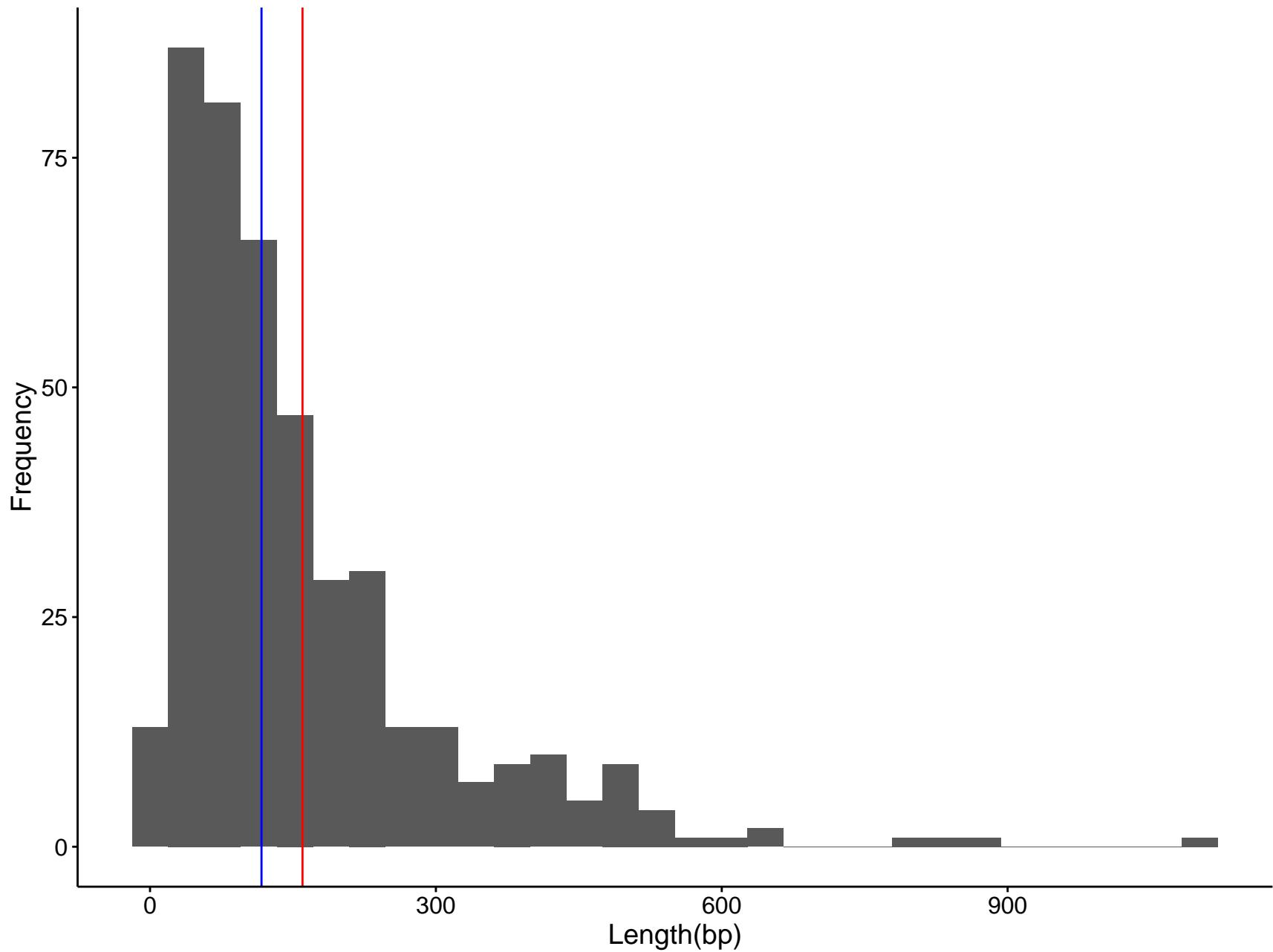


Cluster922

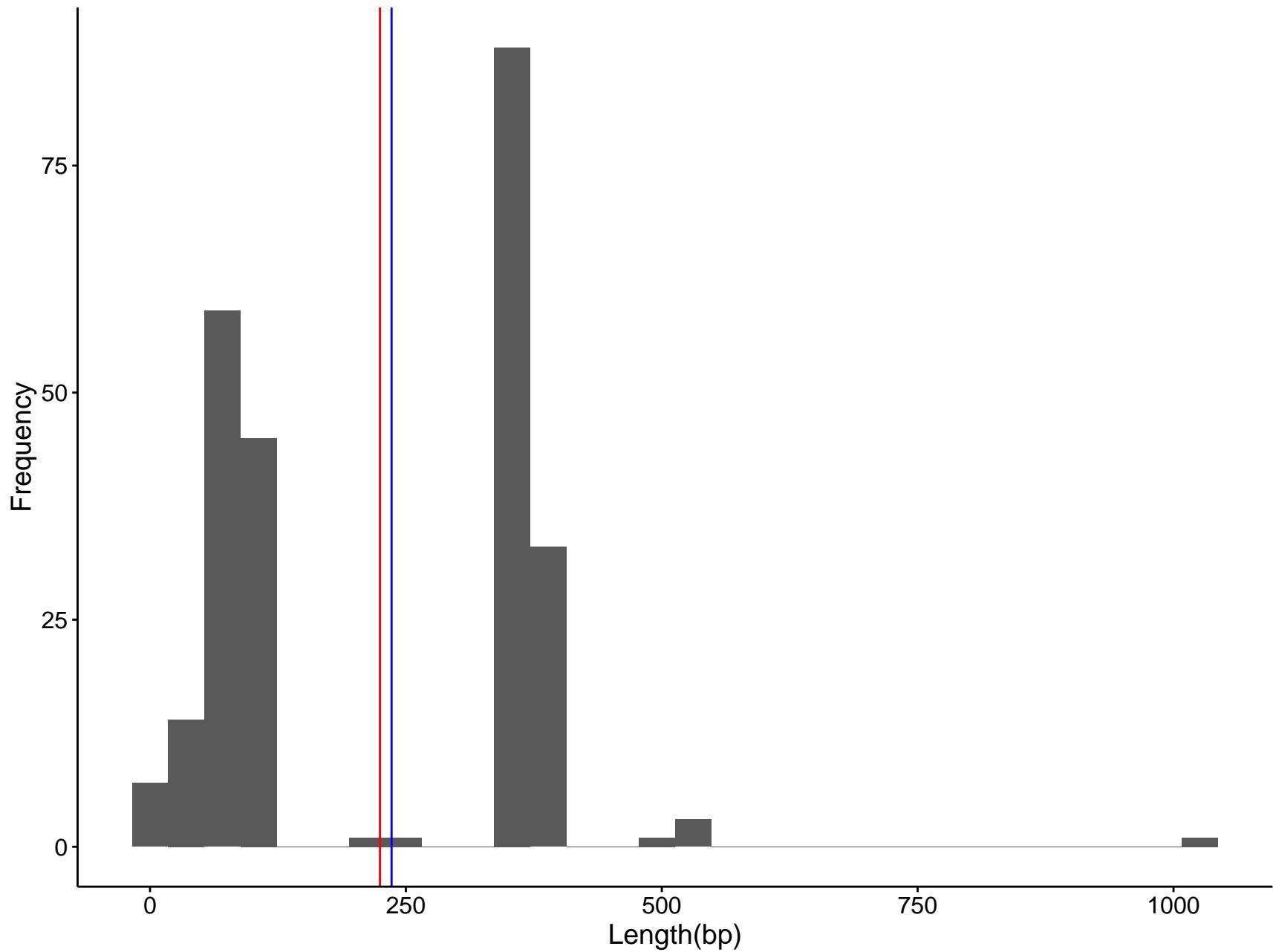




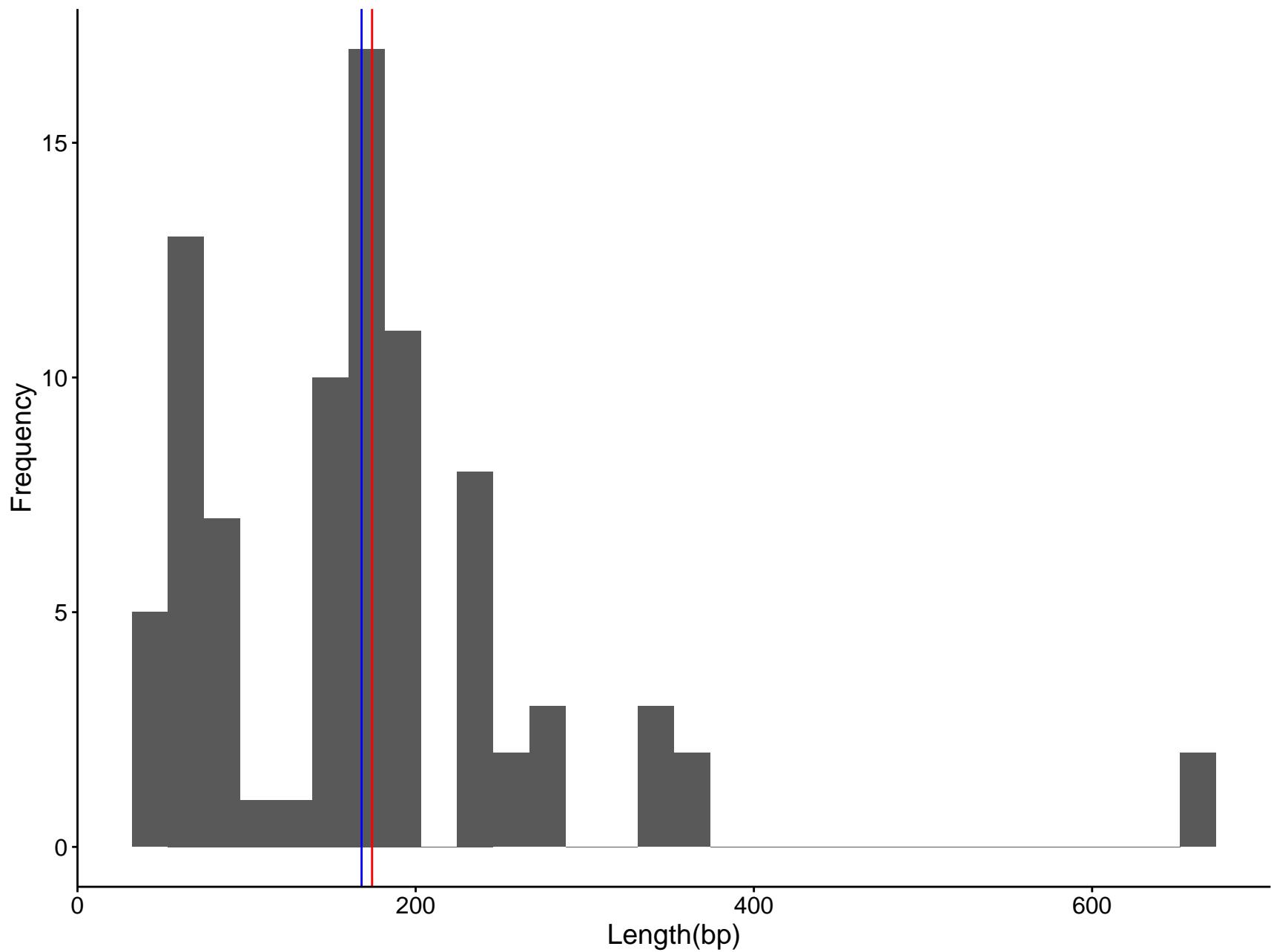
Cluster926



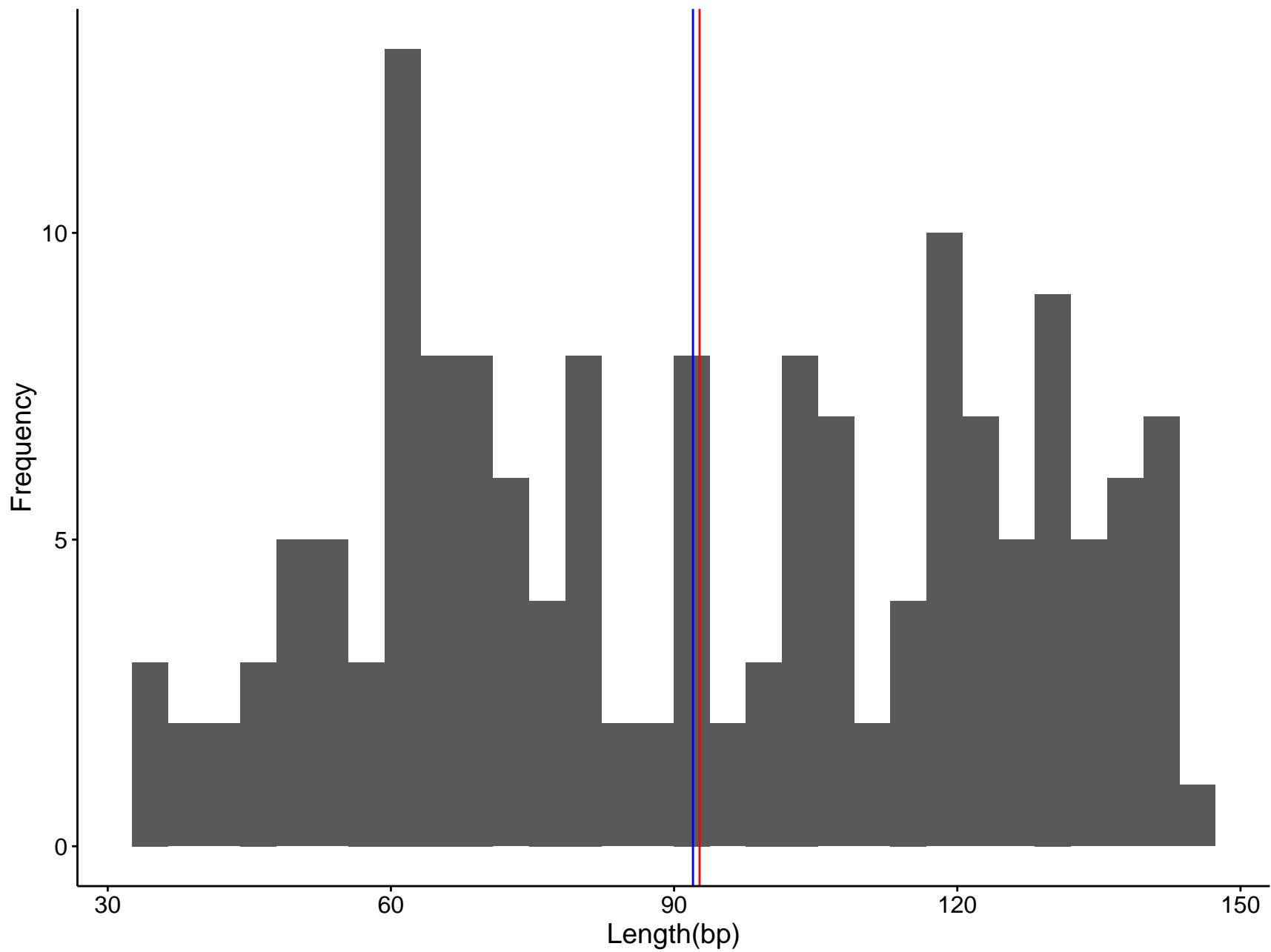
Cluster927



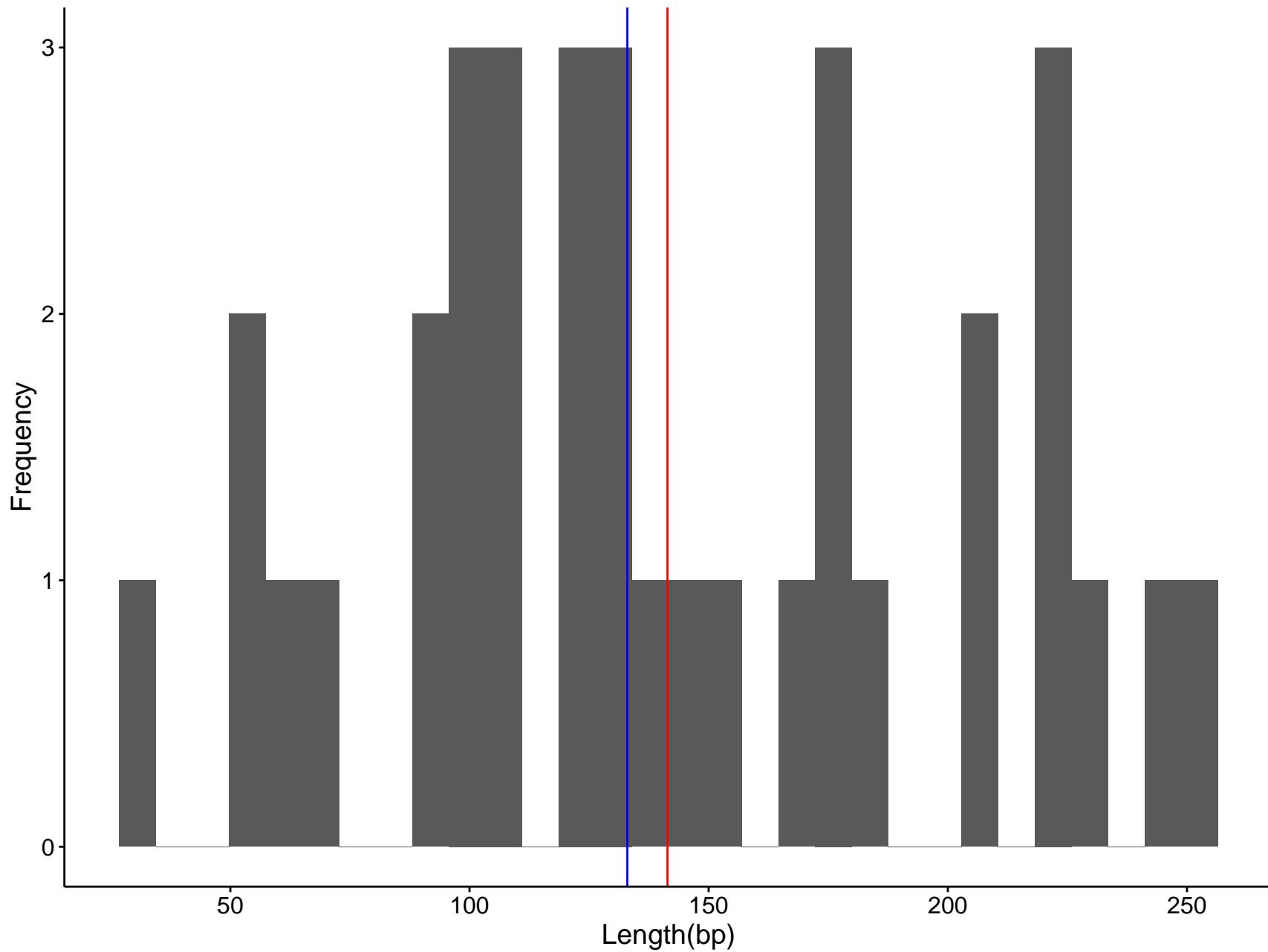
Cluster928



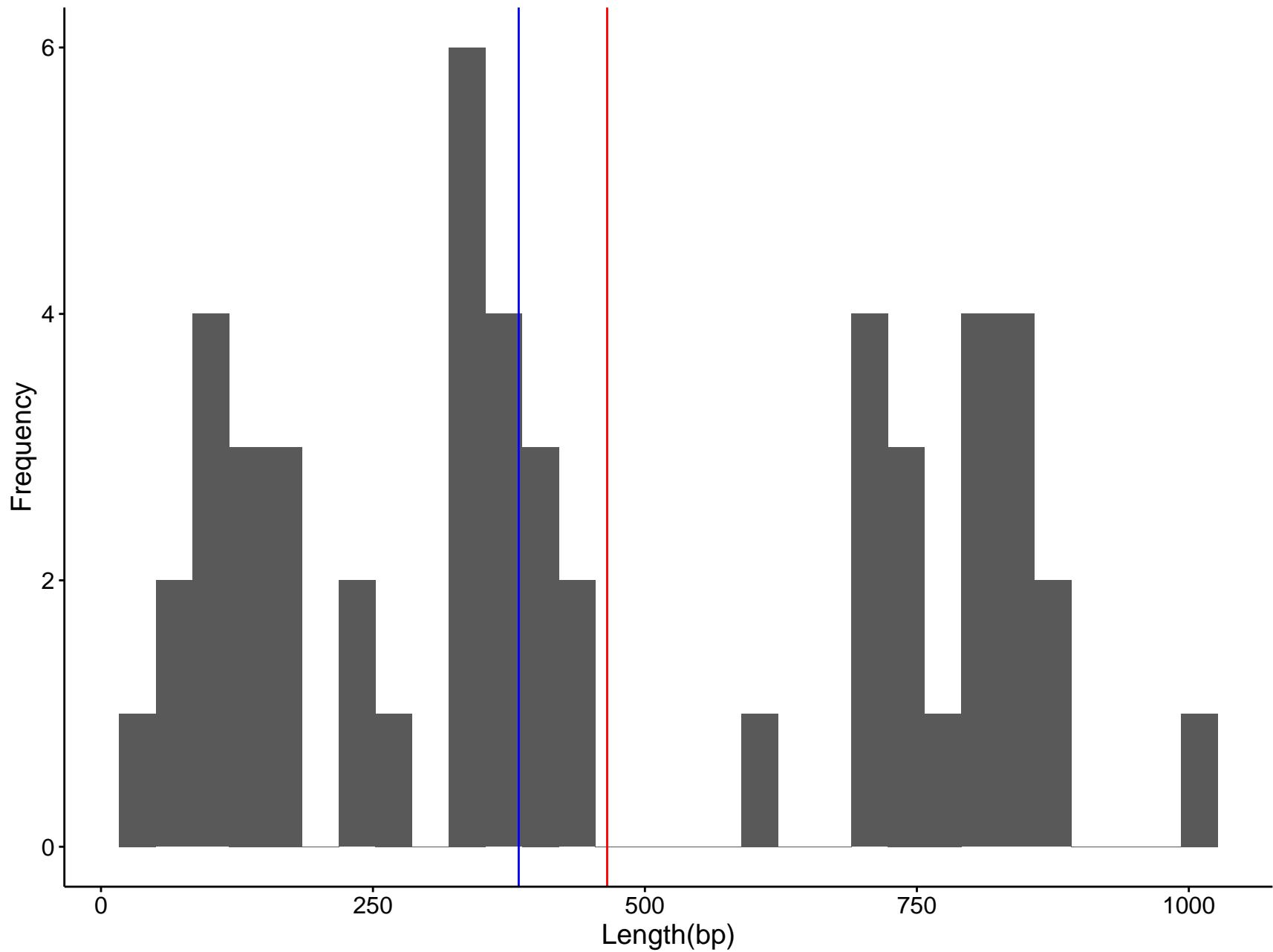
Cluster92



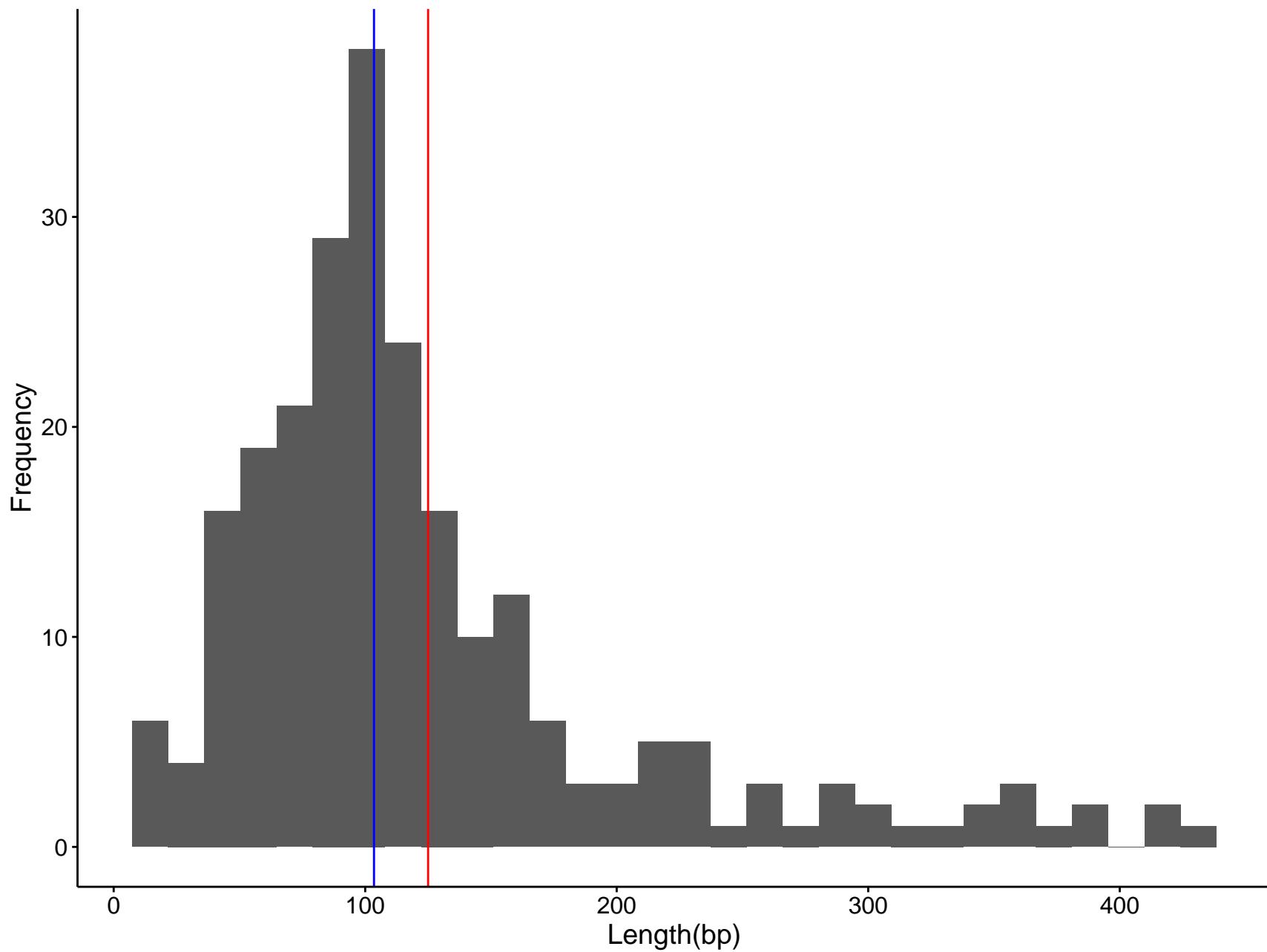
Cluster930



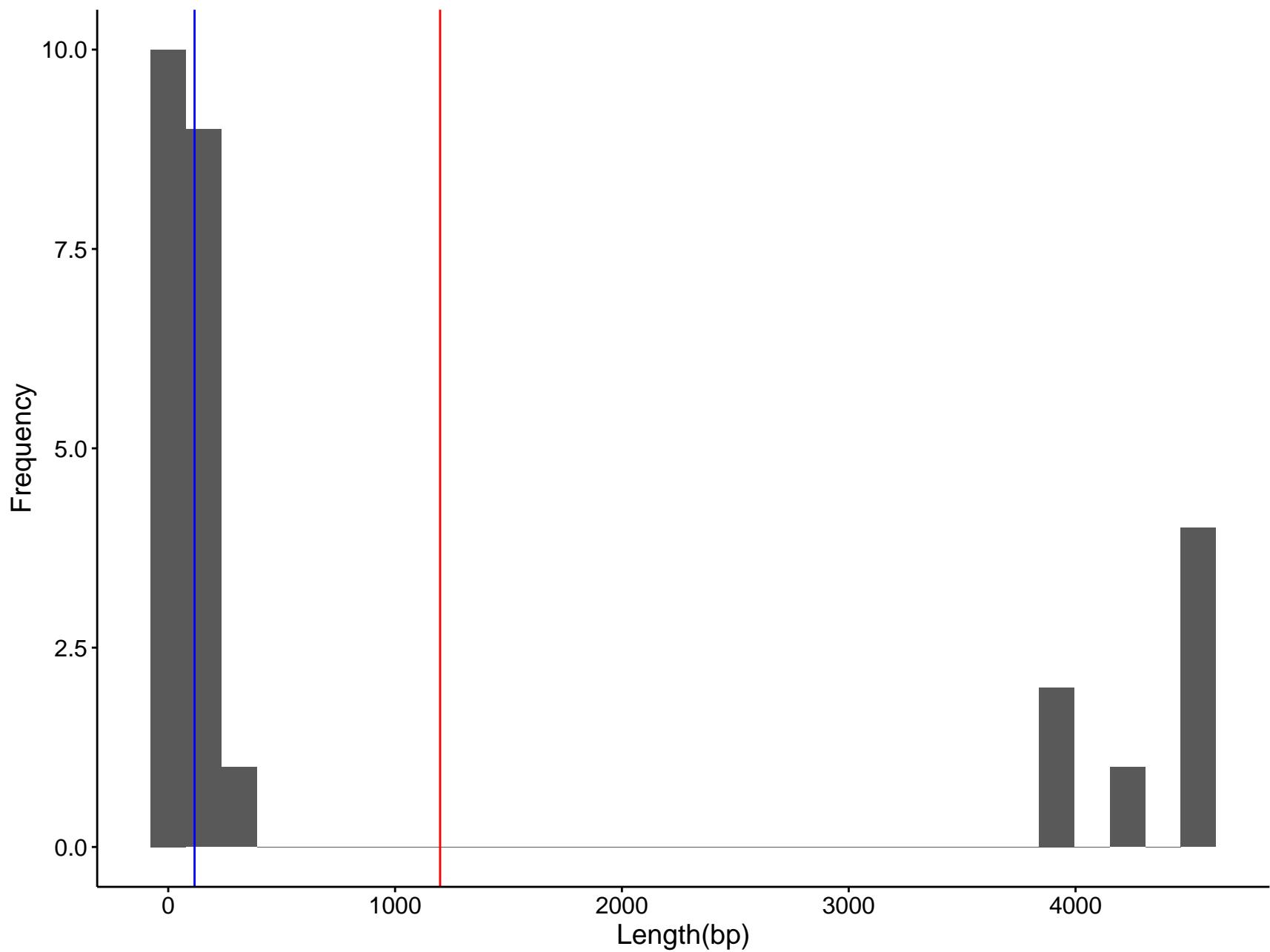
Cluster932



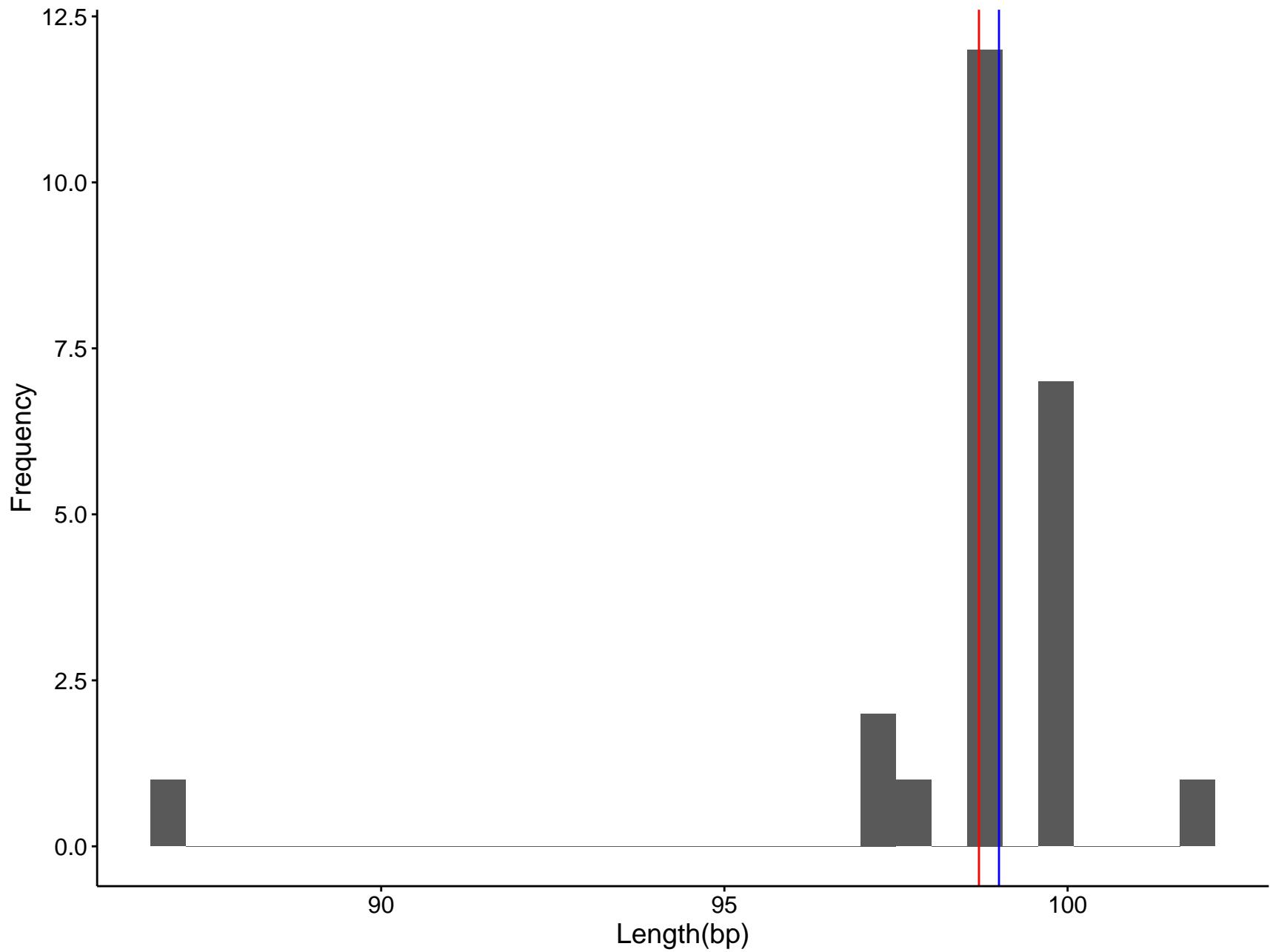
Cluster934



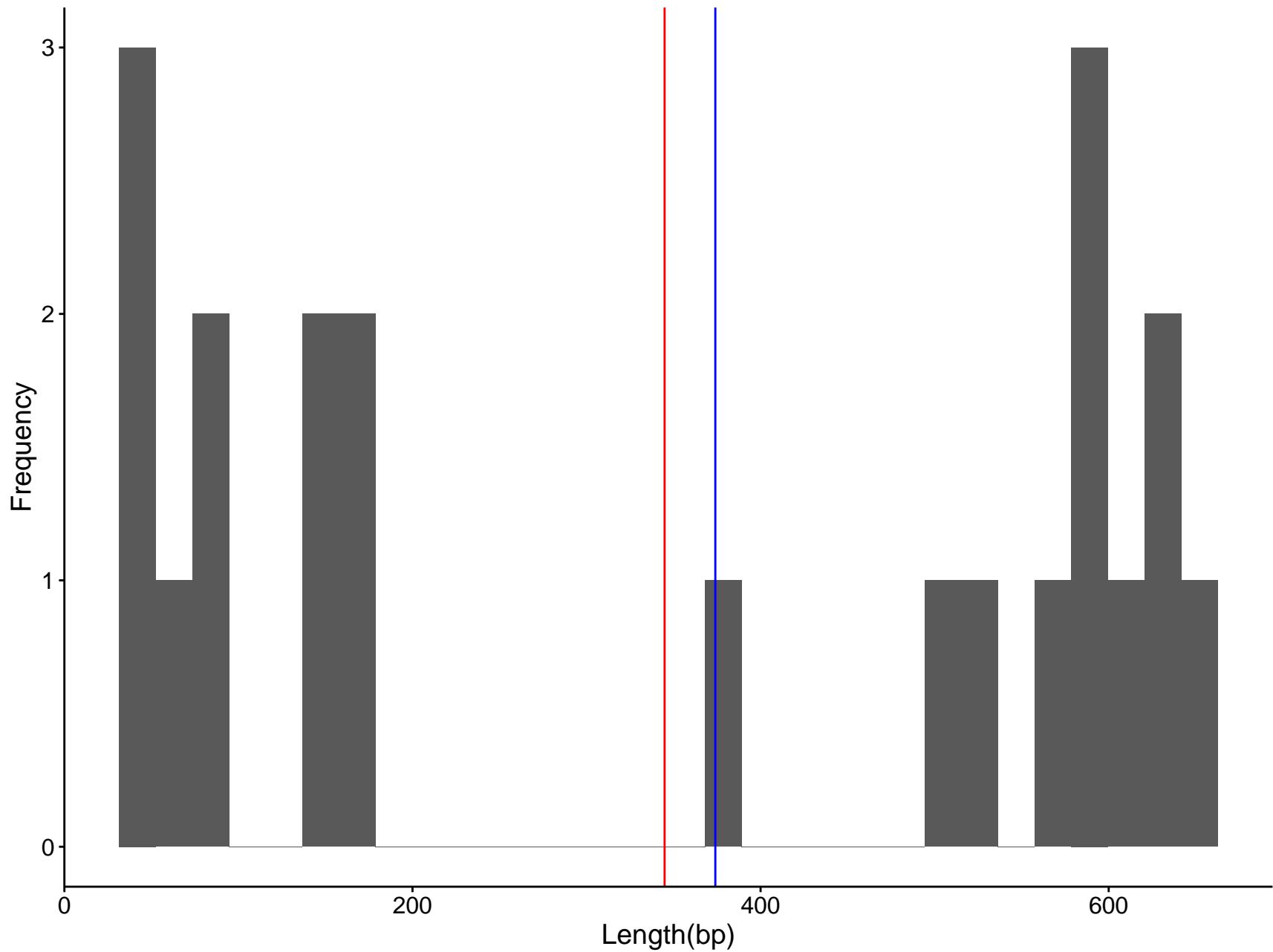
Cluster935



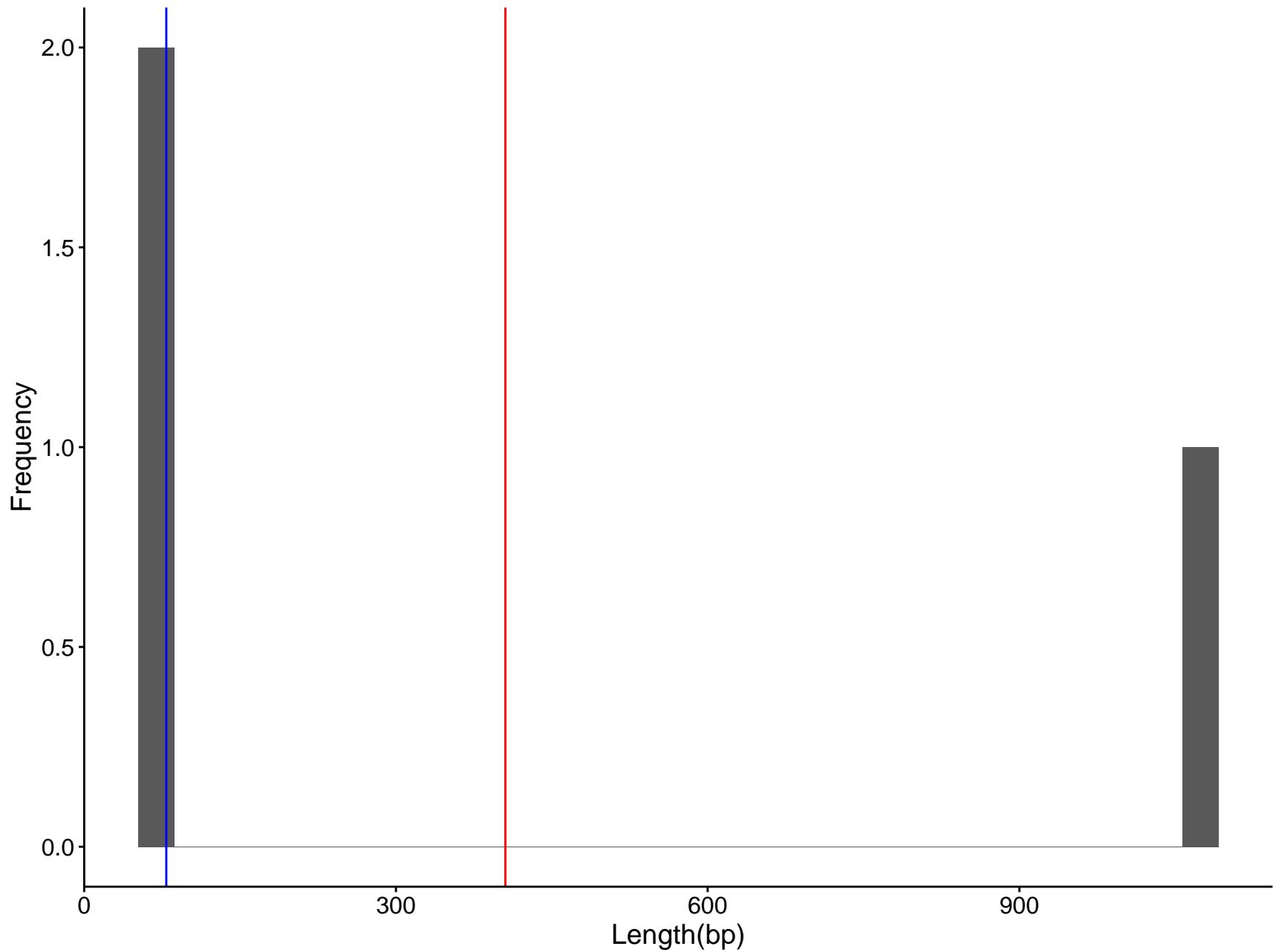
Cluster936



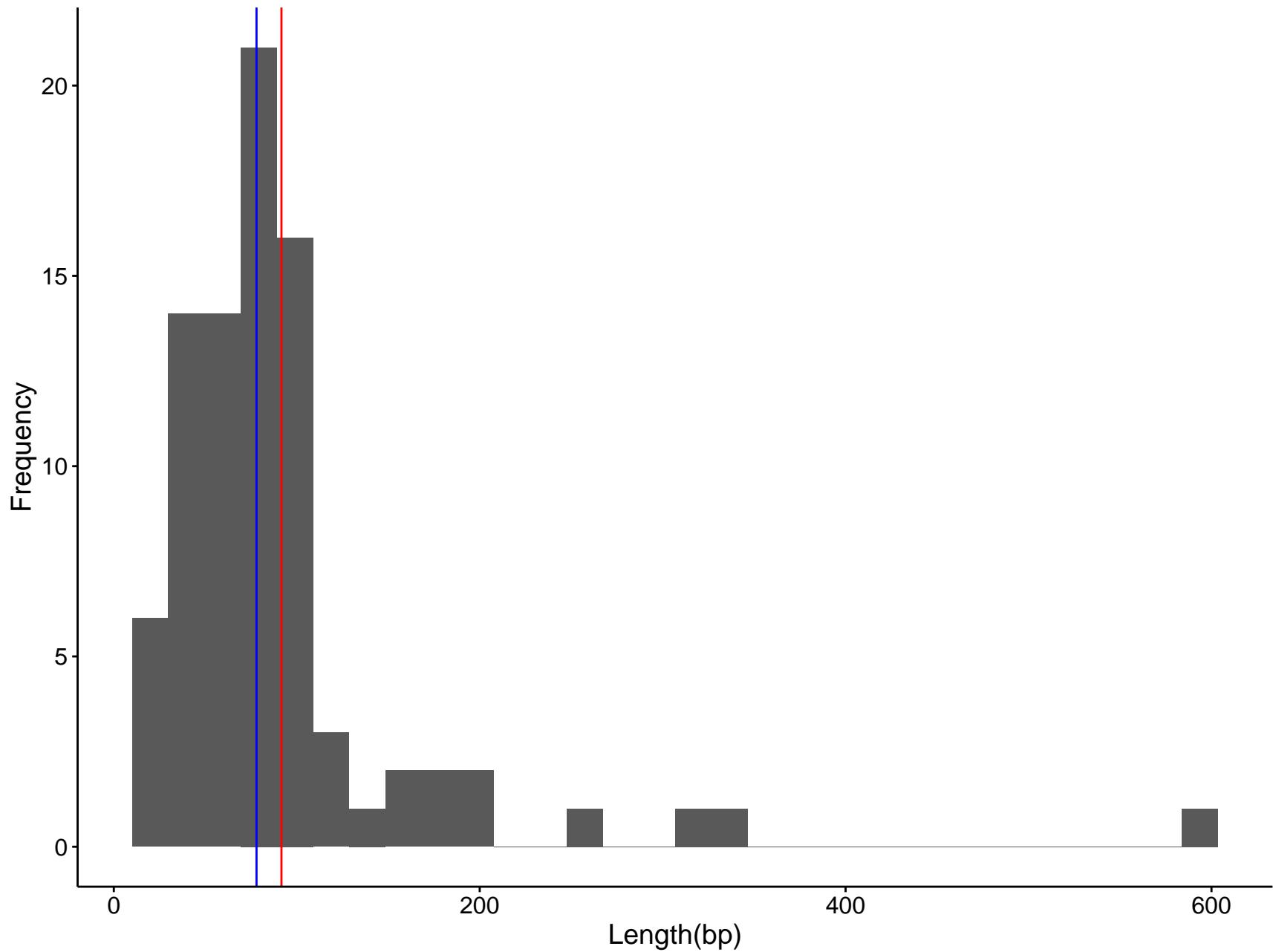
Cluster939



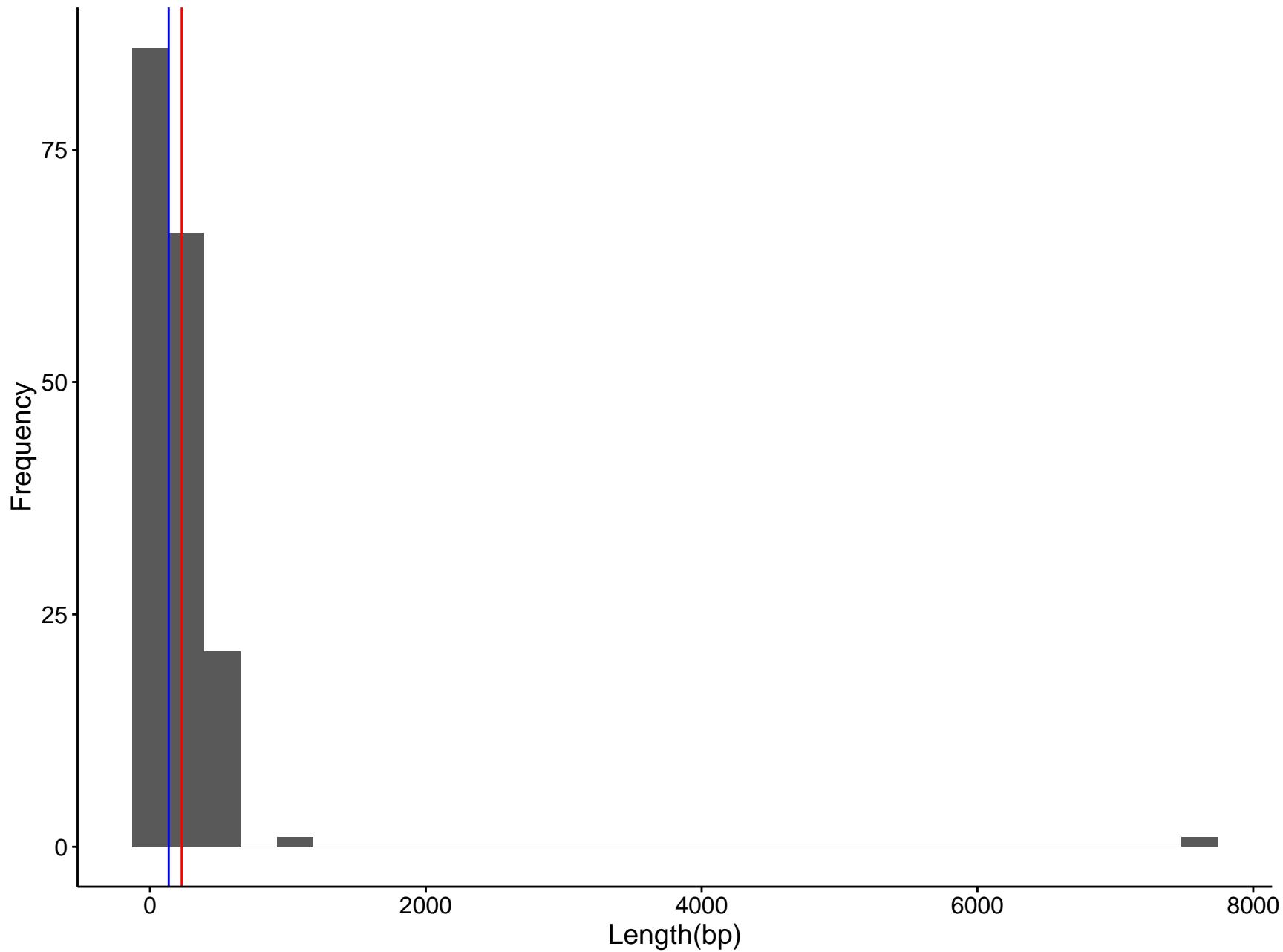
Cluster941



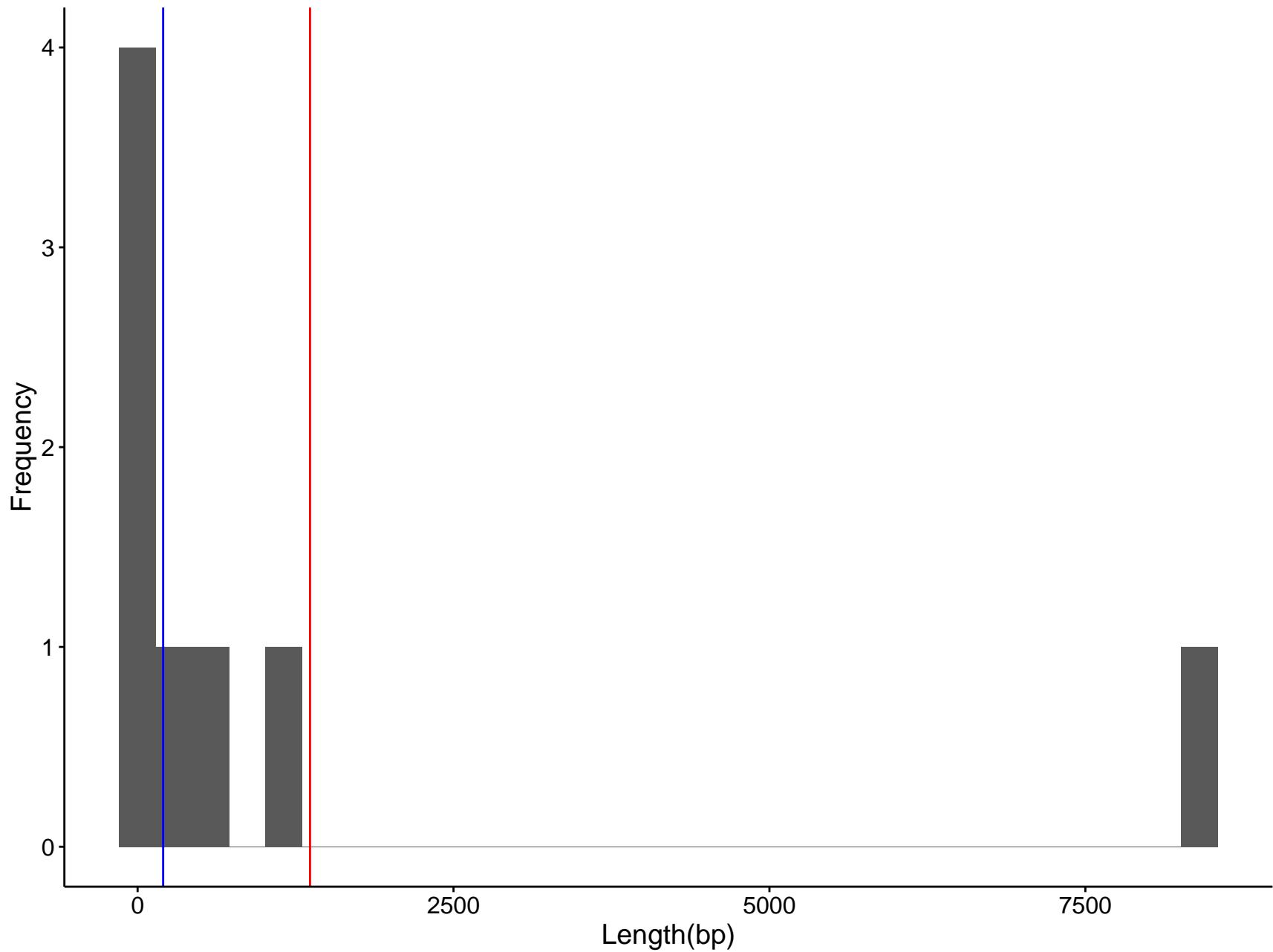
Cluster942



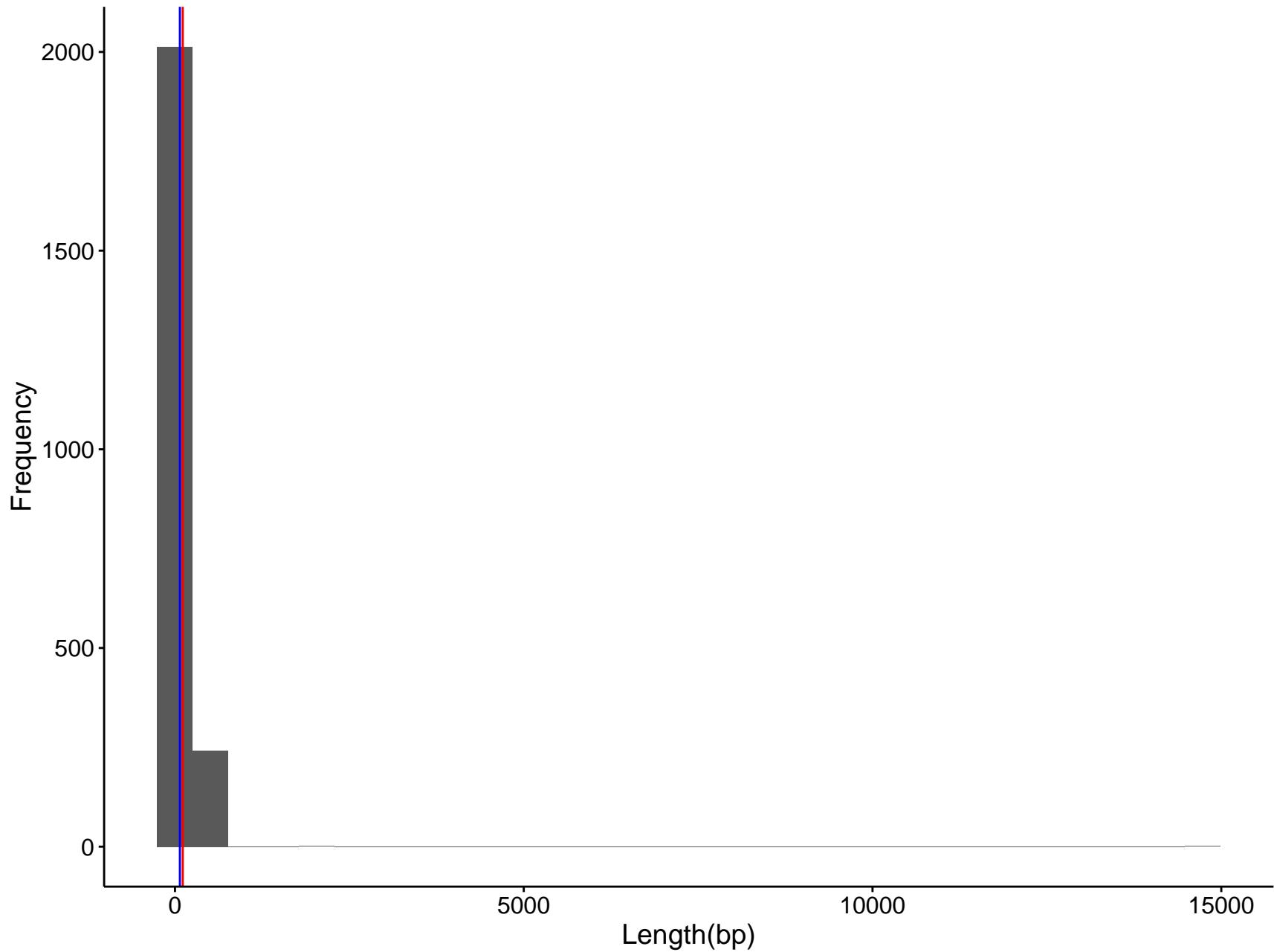
Cluster943



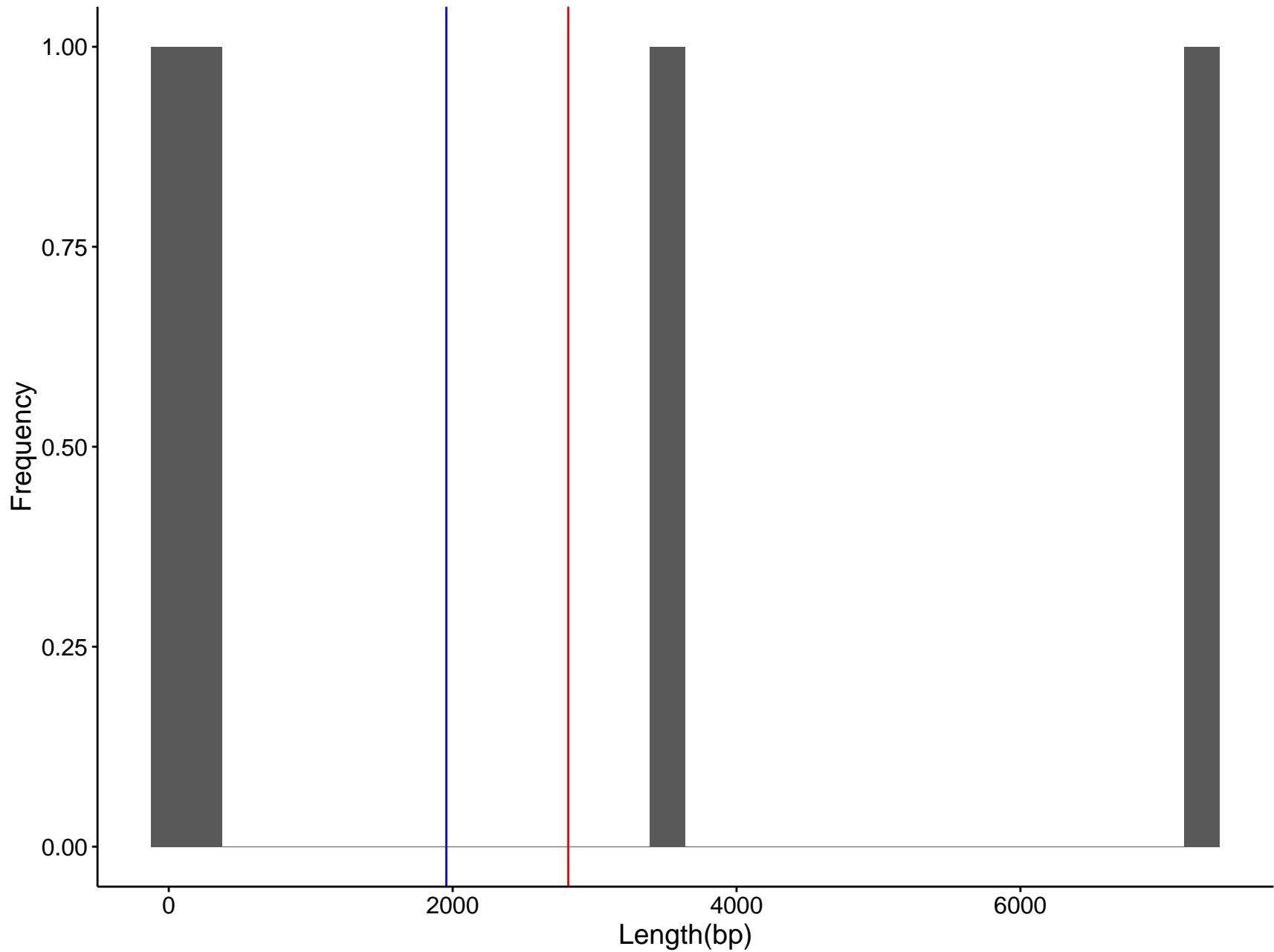
Cluster944



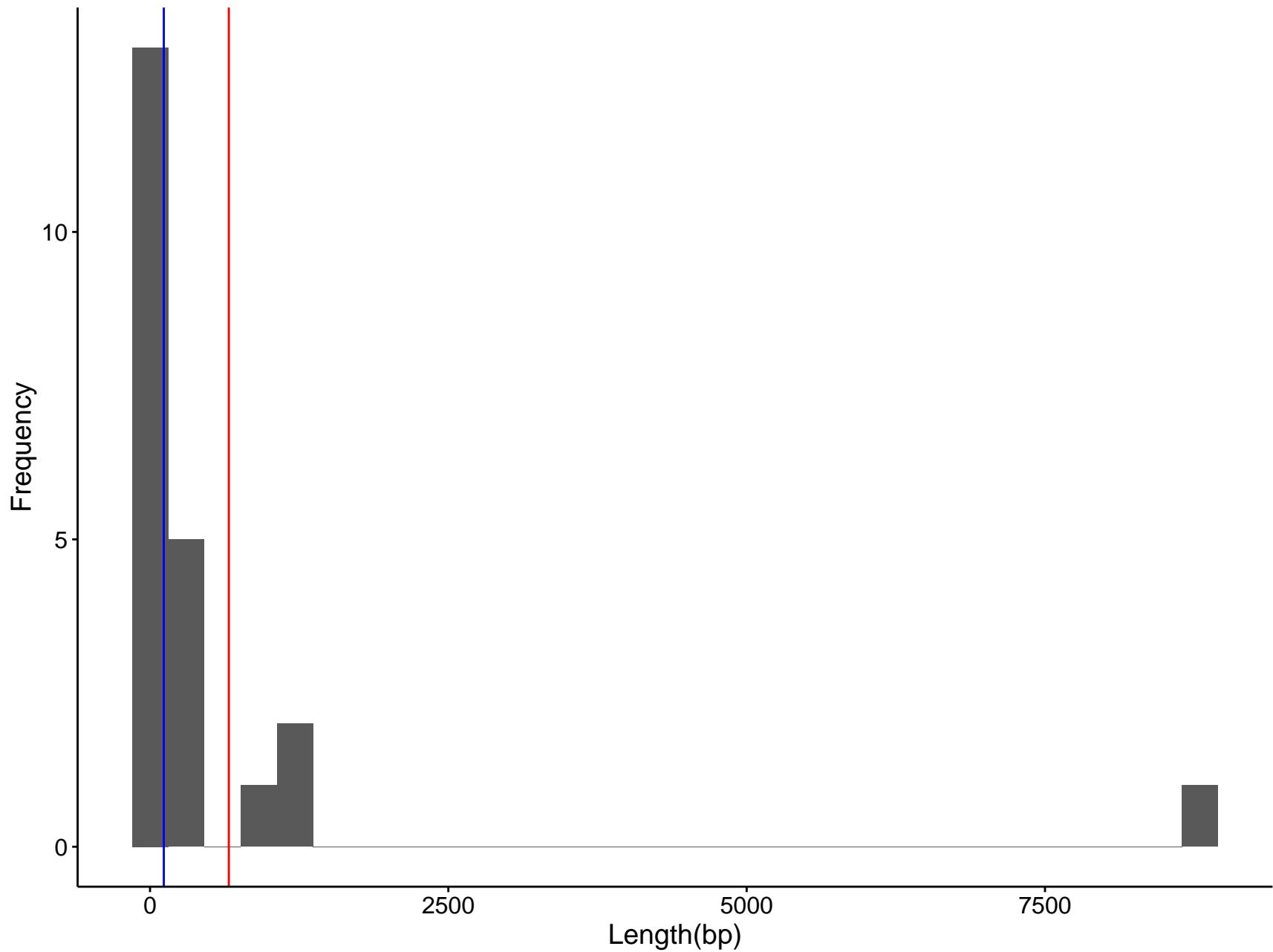
Cluster945



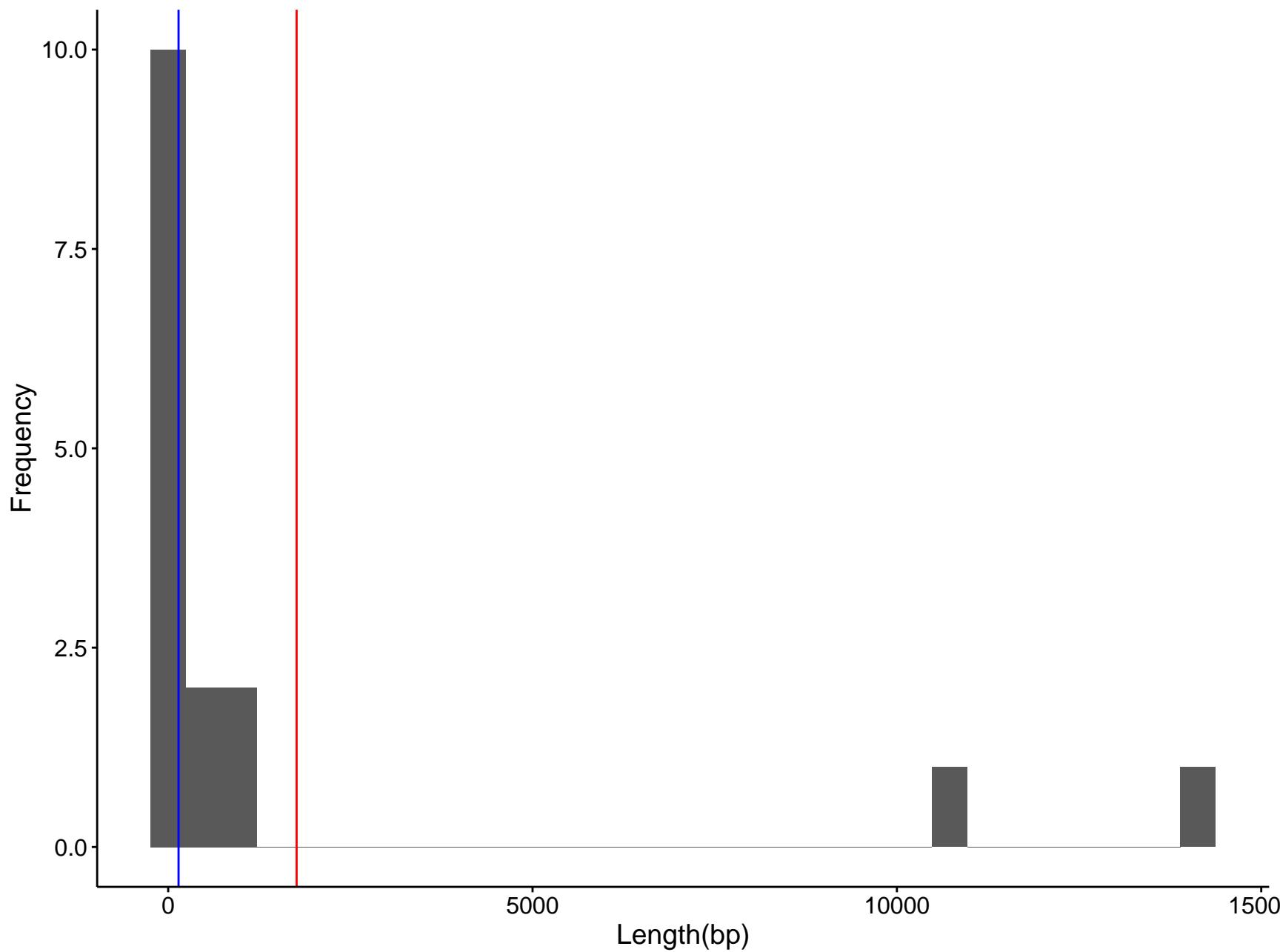
Cluster946



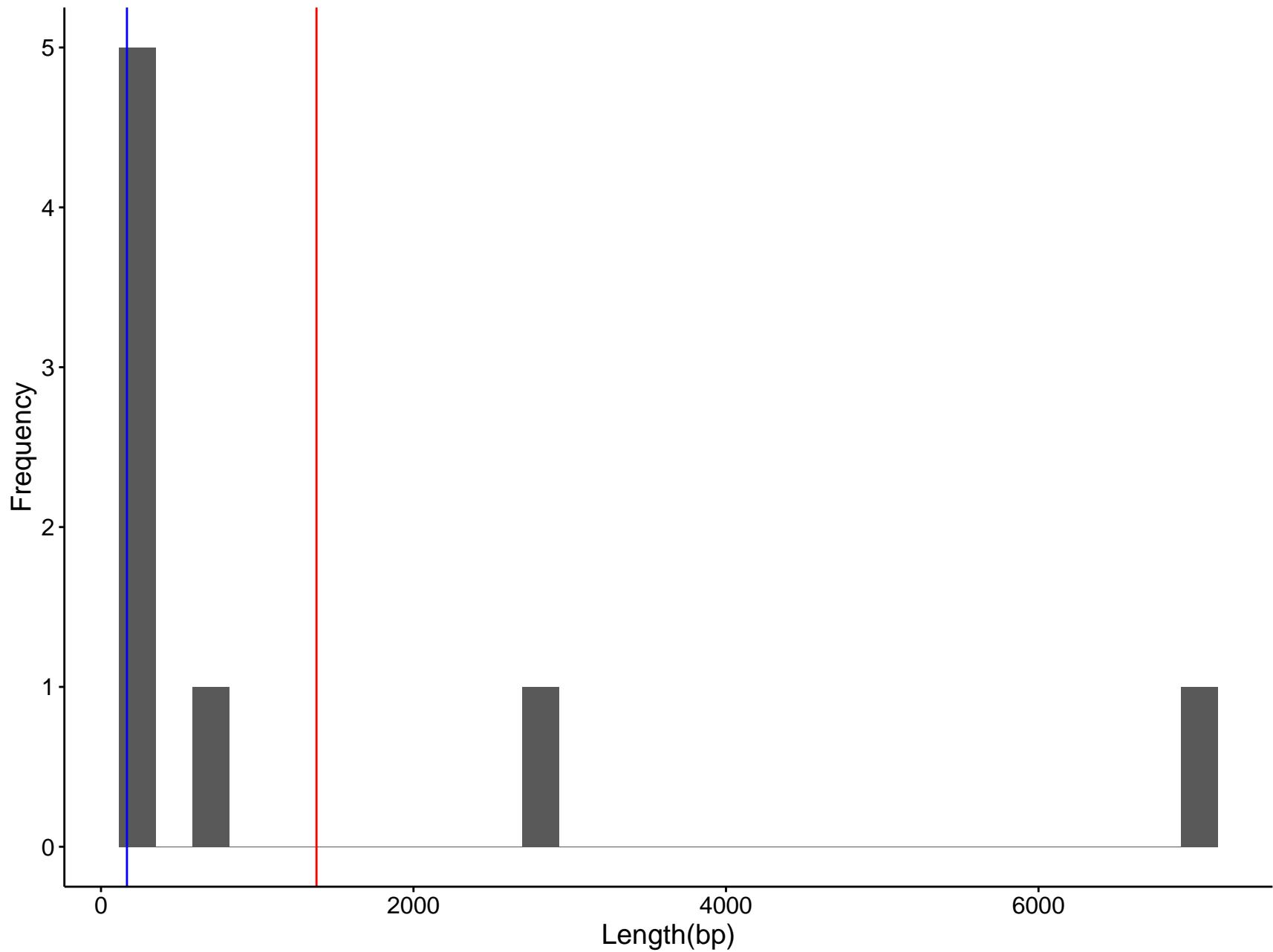
Cluster947



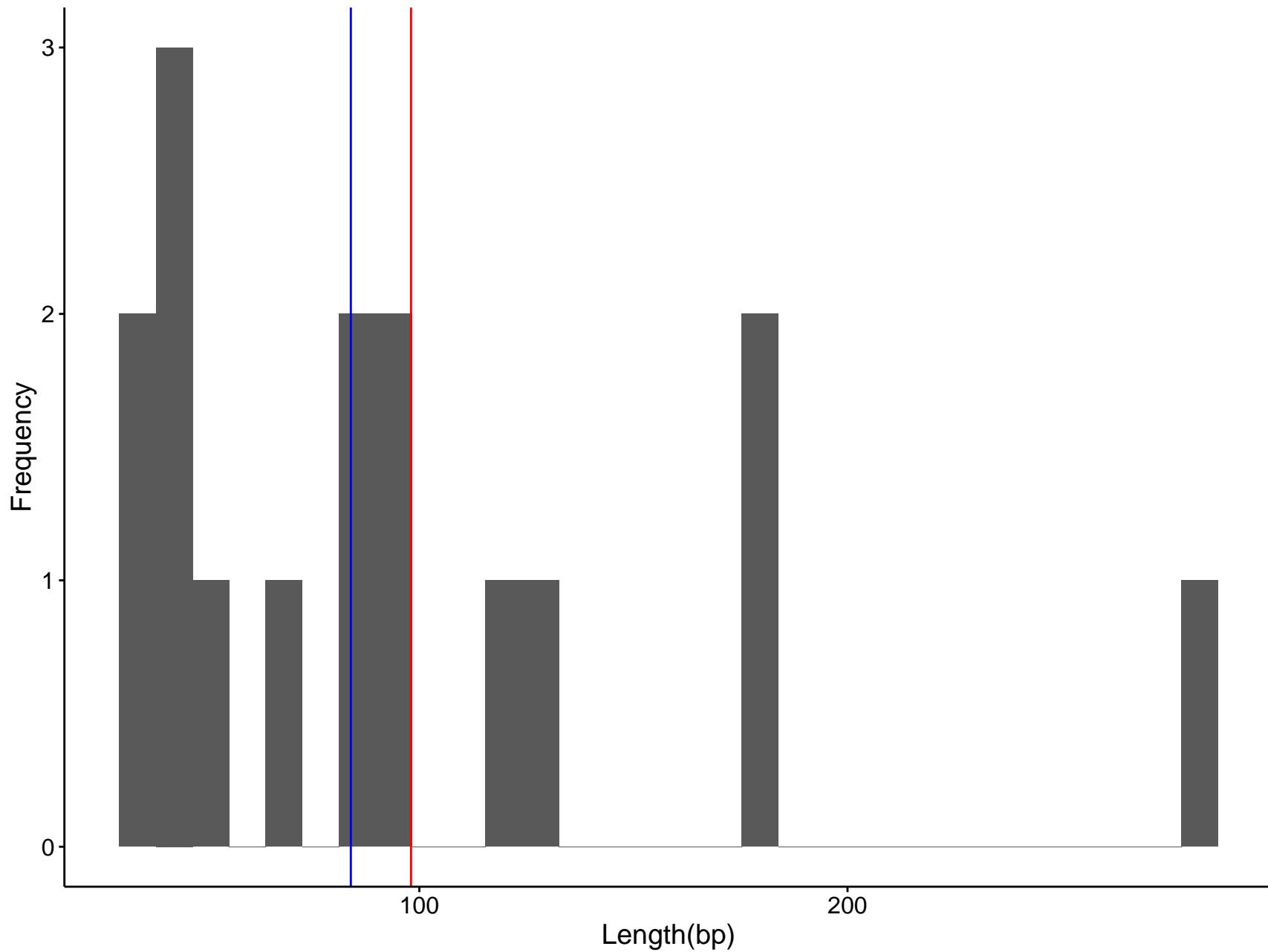
Cluster948



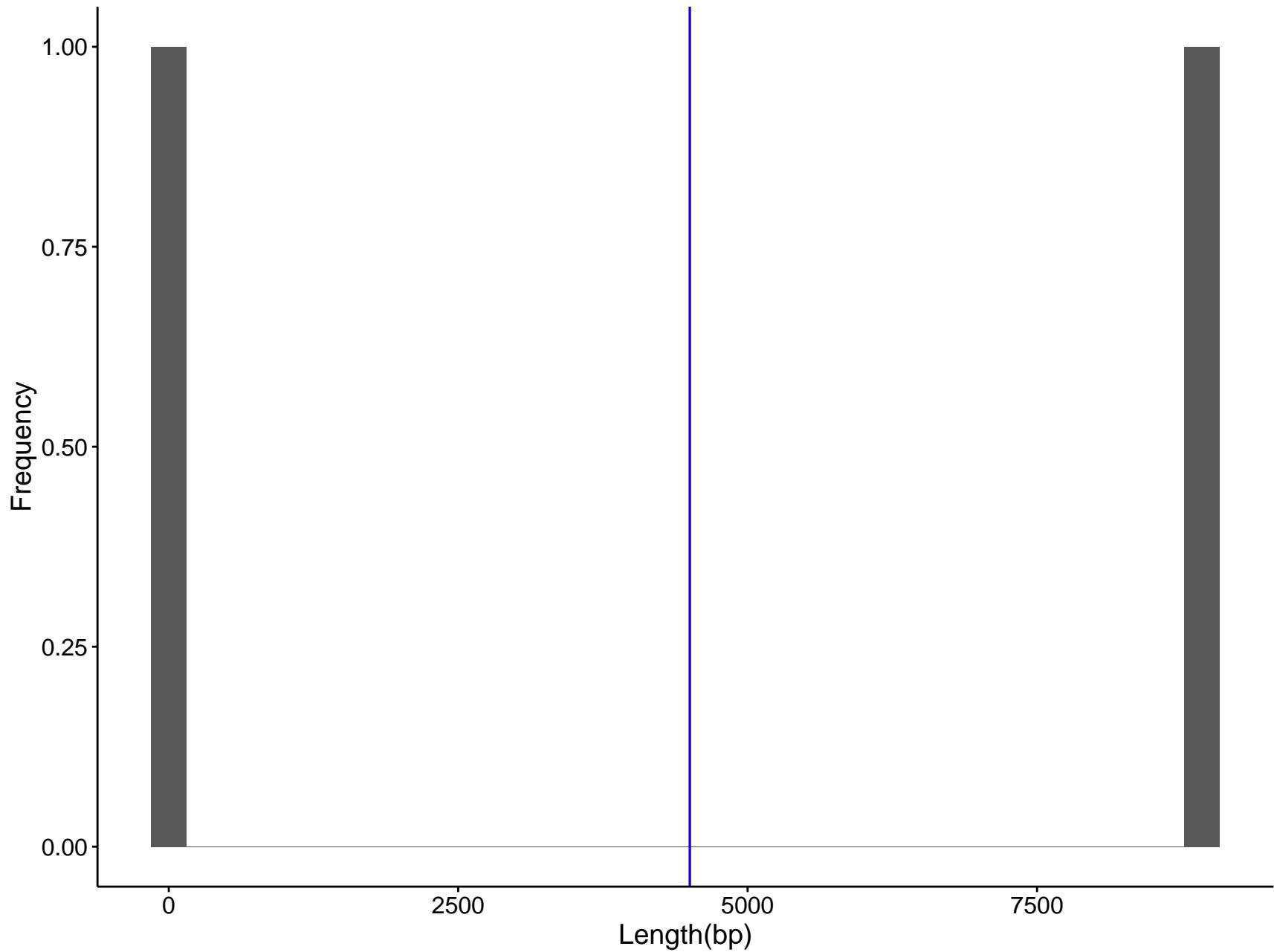
Cluster949



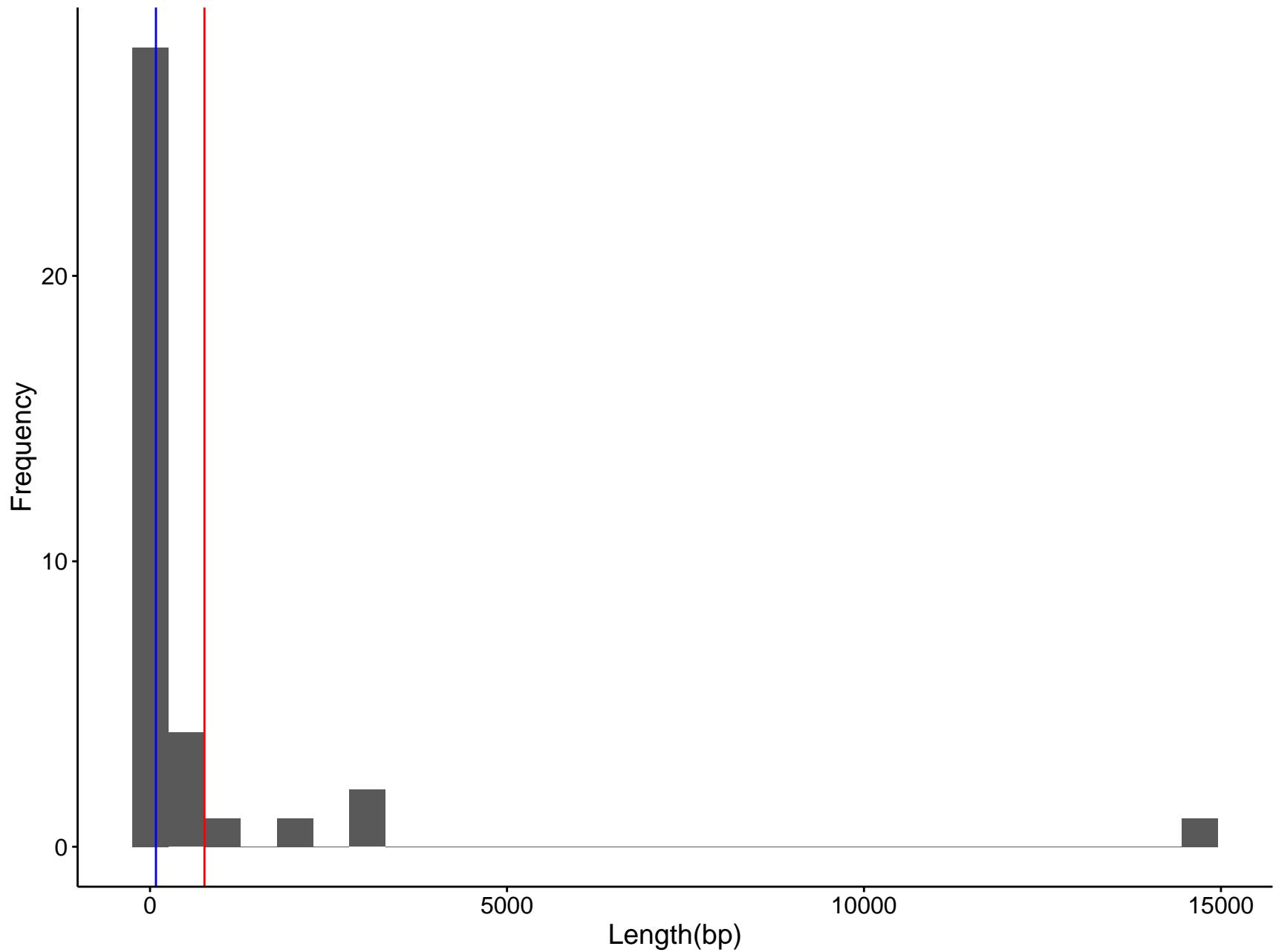
Cluster94



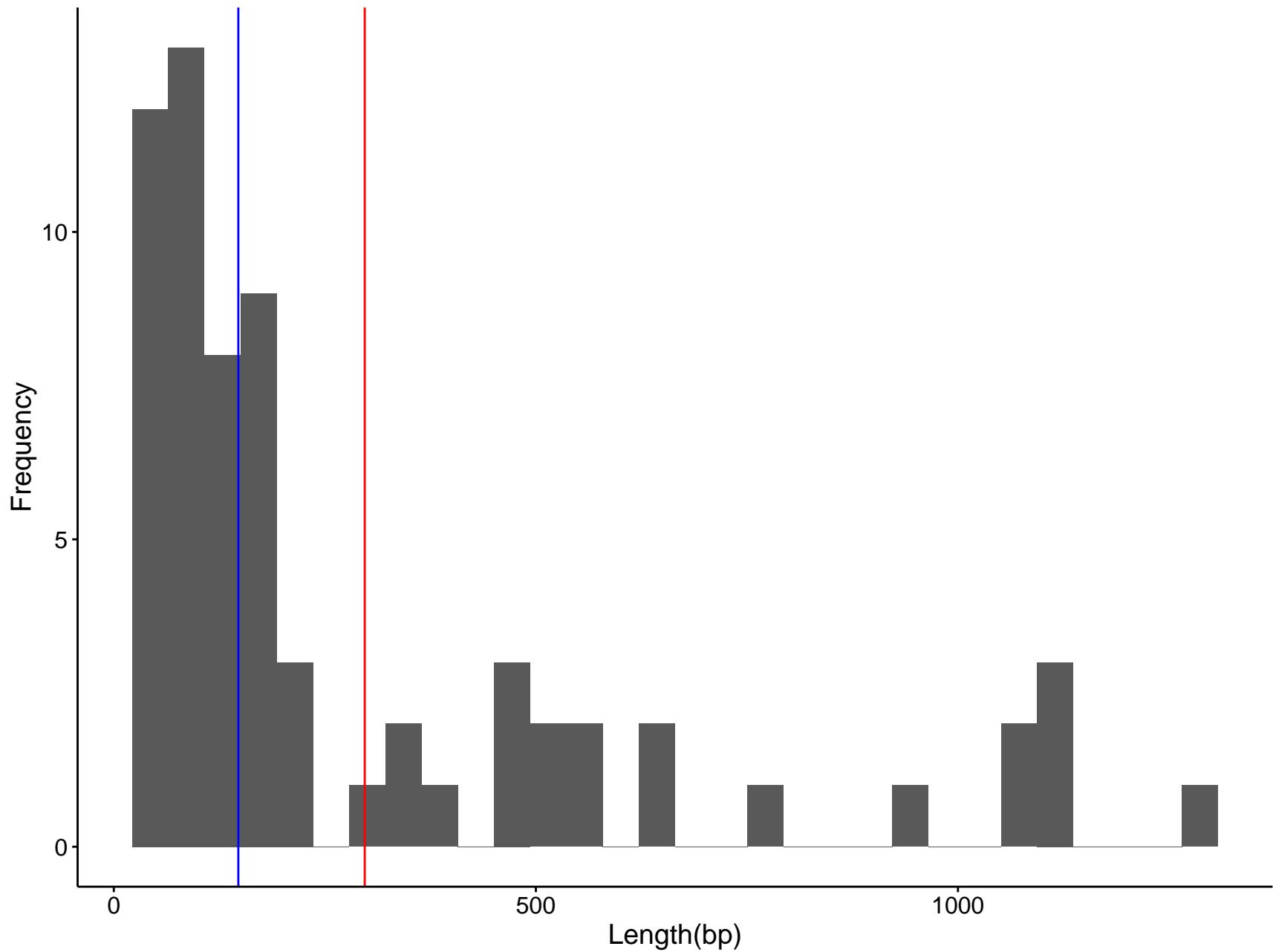
Cluster950



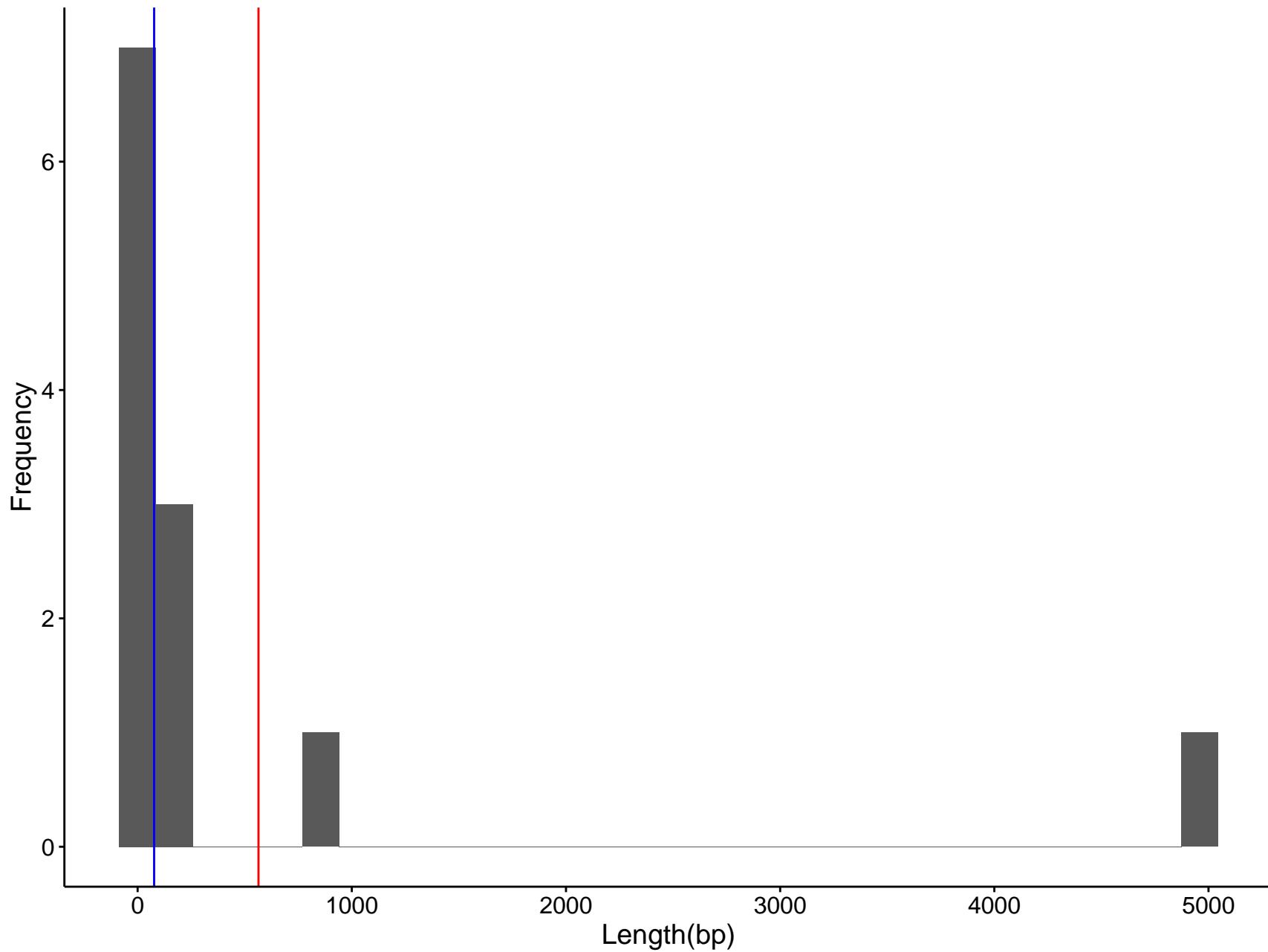
Cluster951



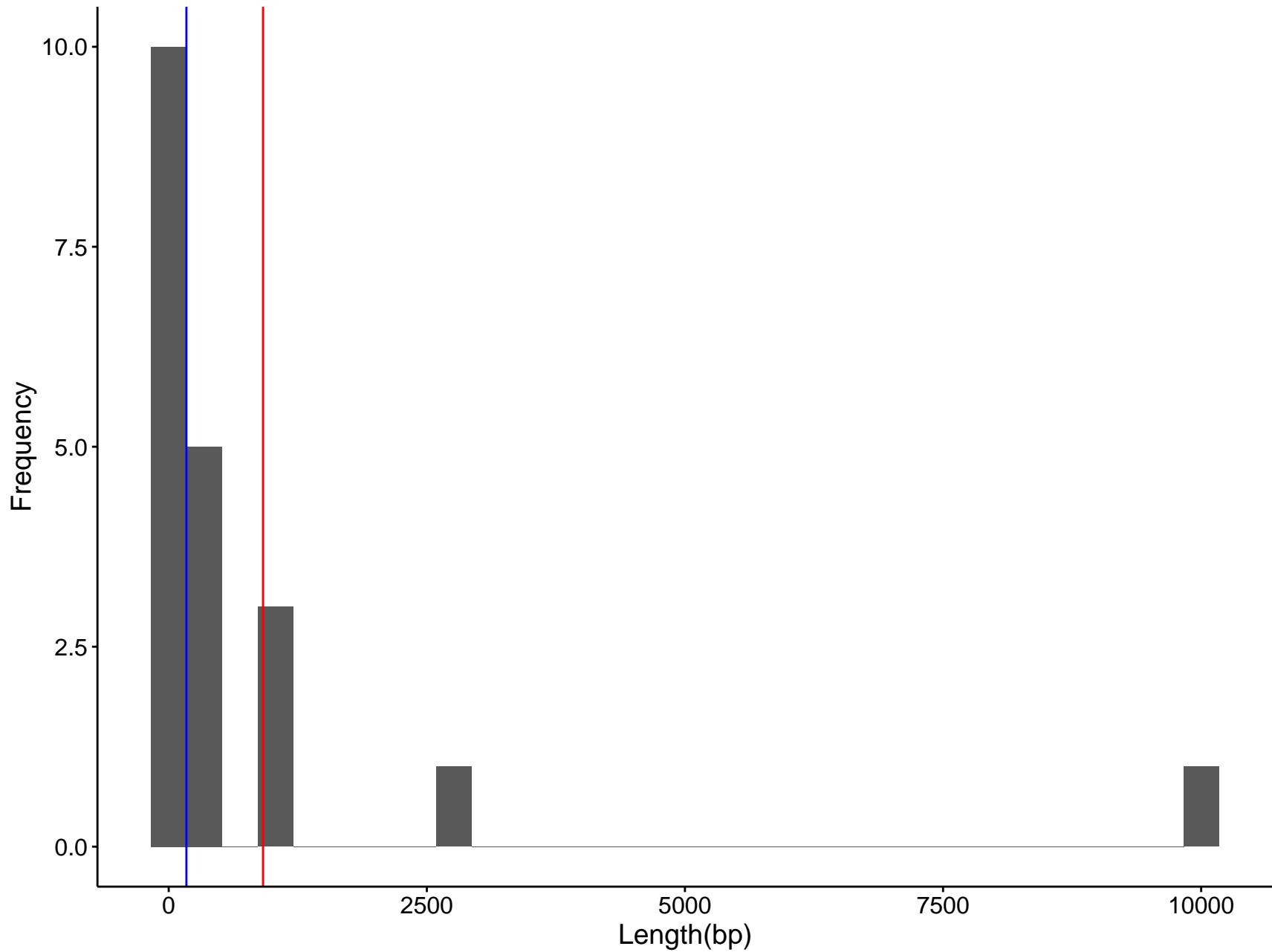
Cluster952



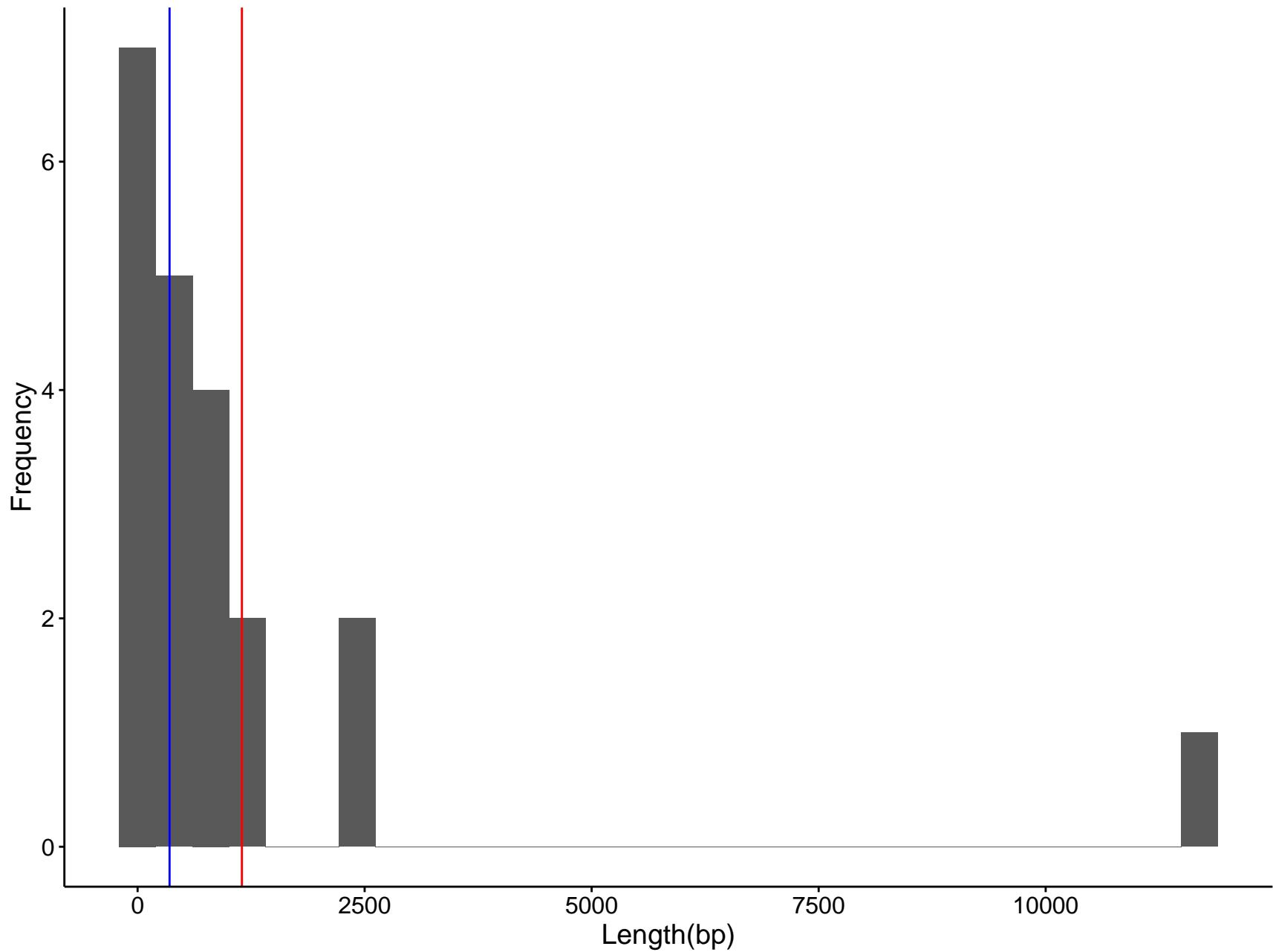
Cluster953



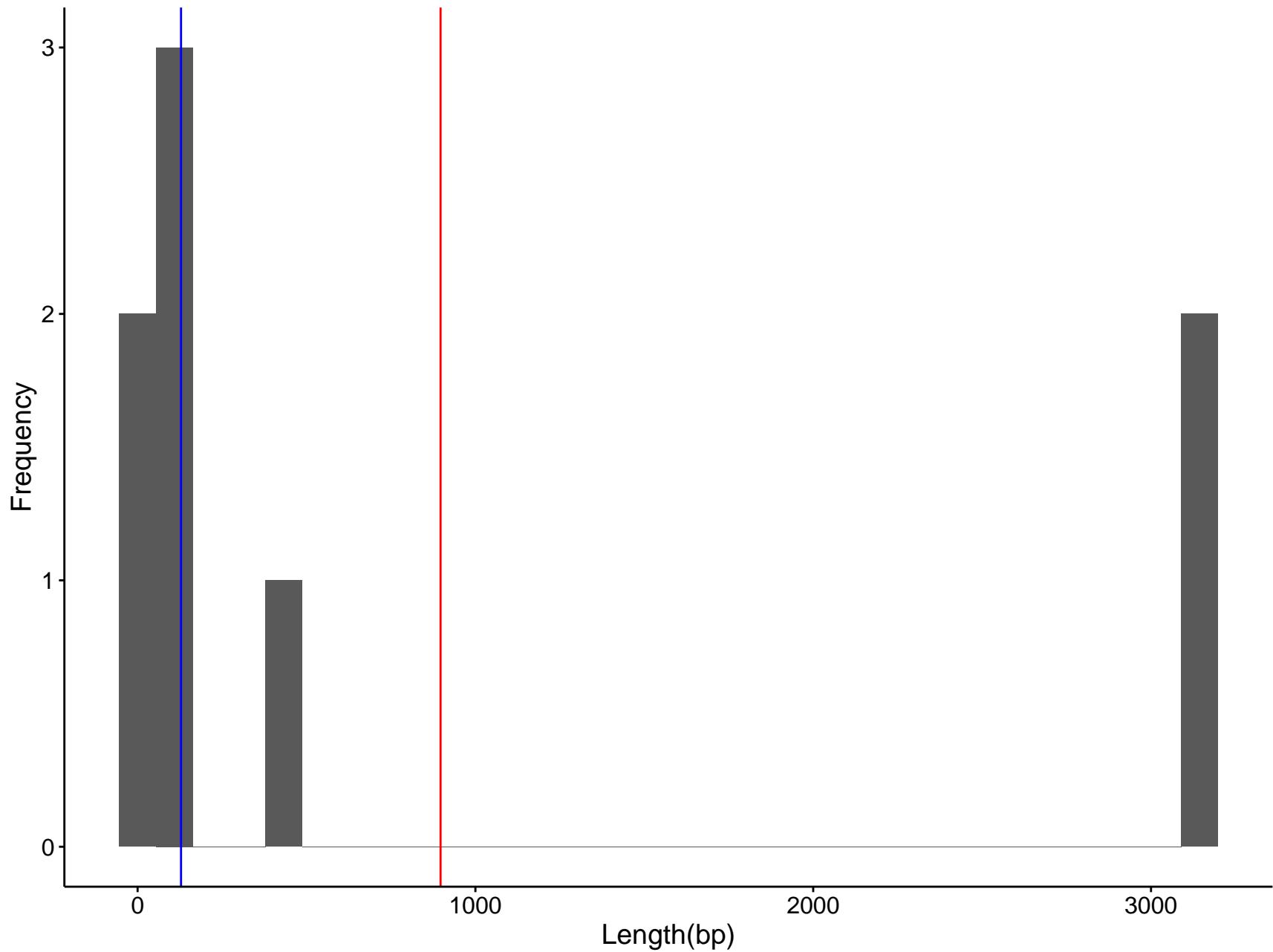
Cluster954



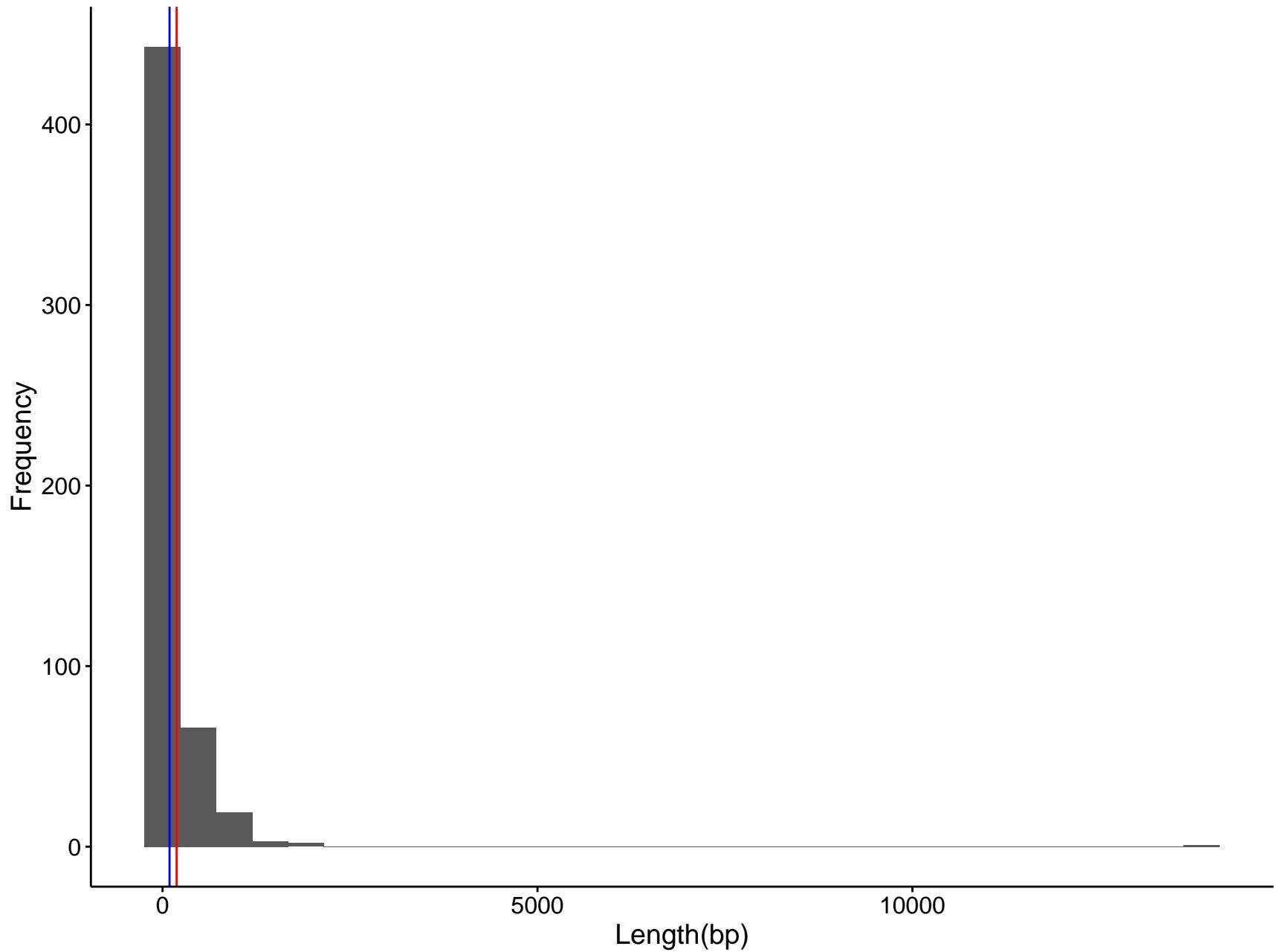
Cluster955



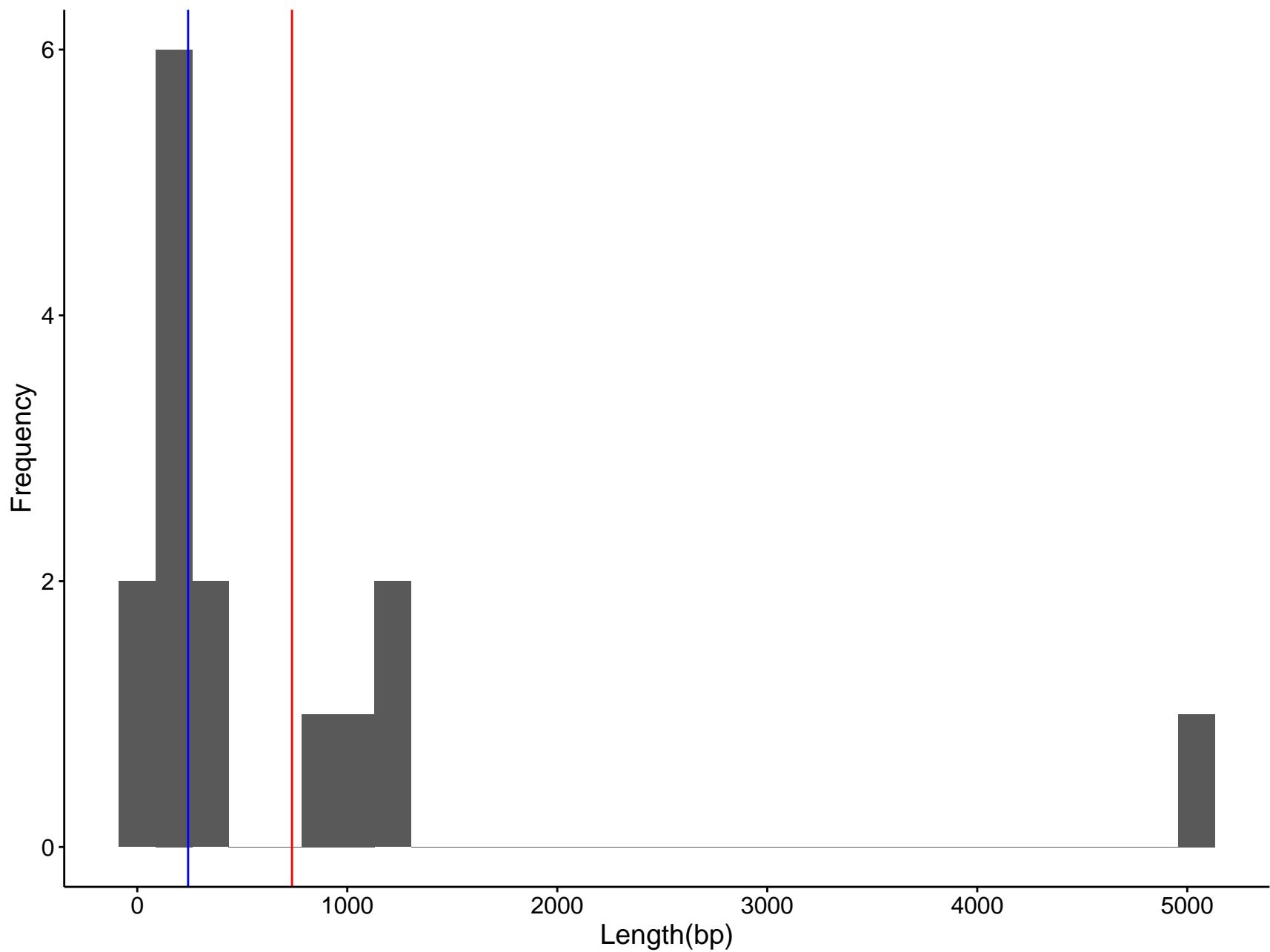
Cluster956



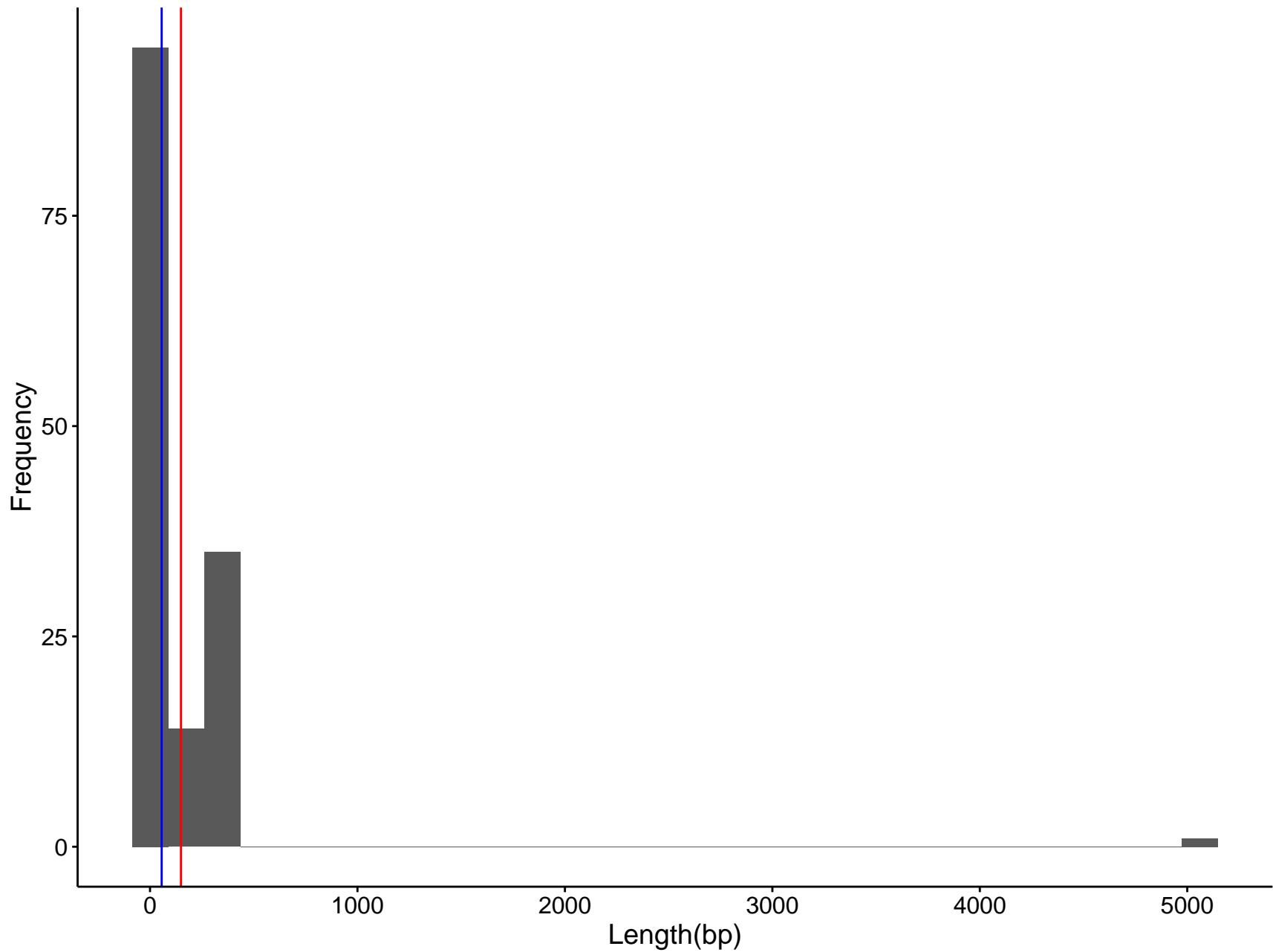
Cluster957

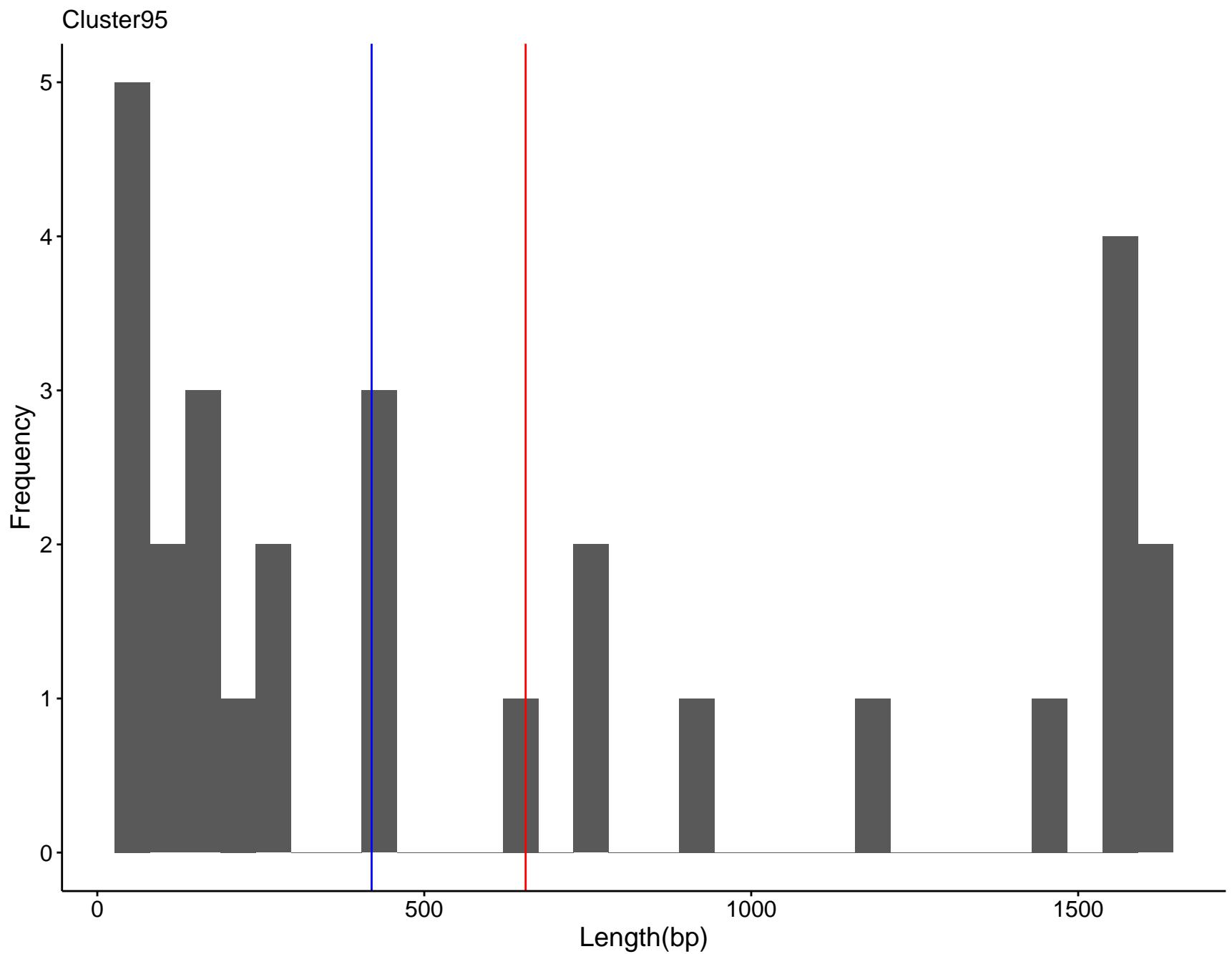


Cluster958

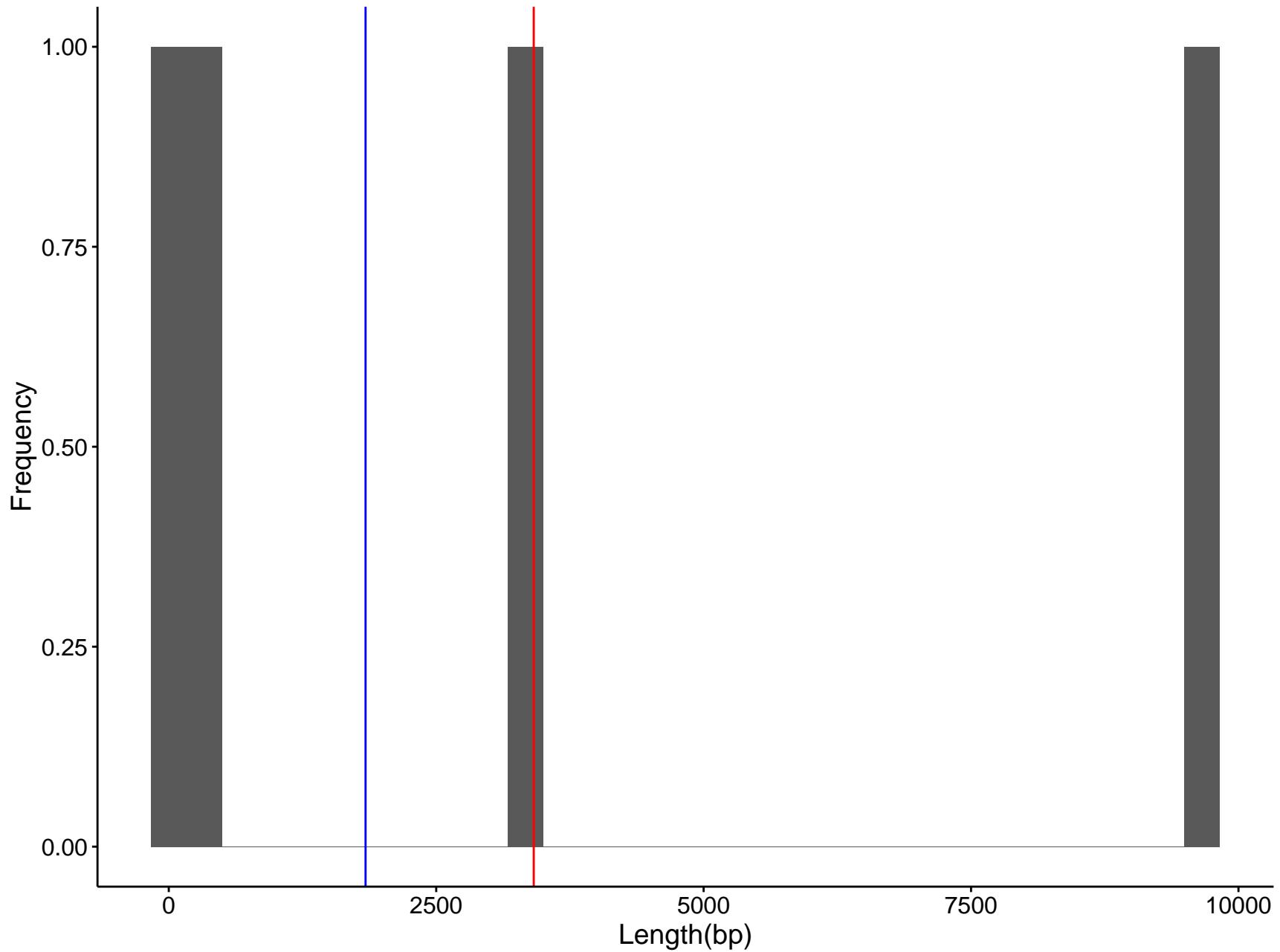


Cluster959

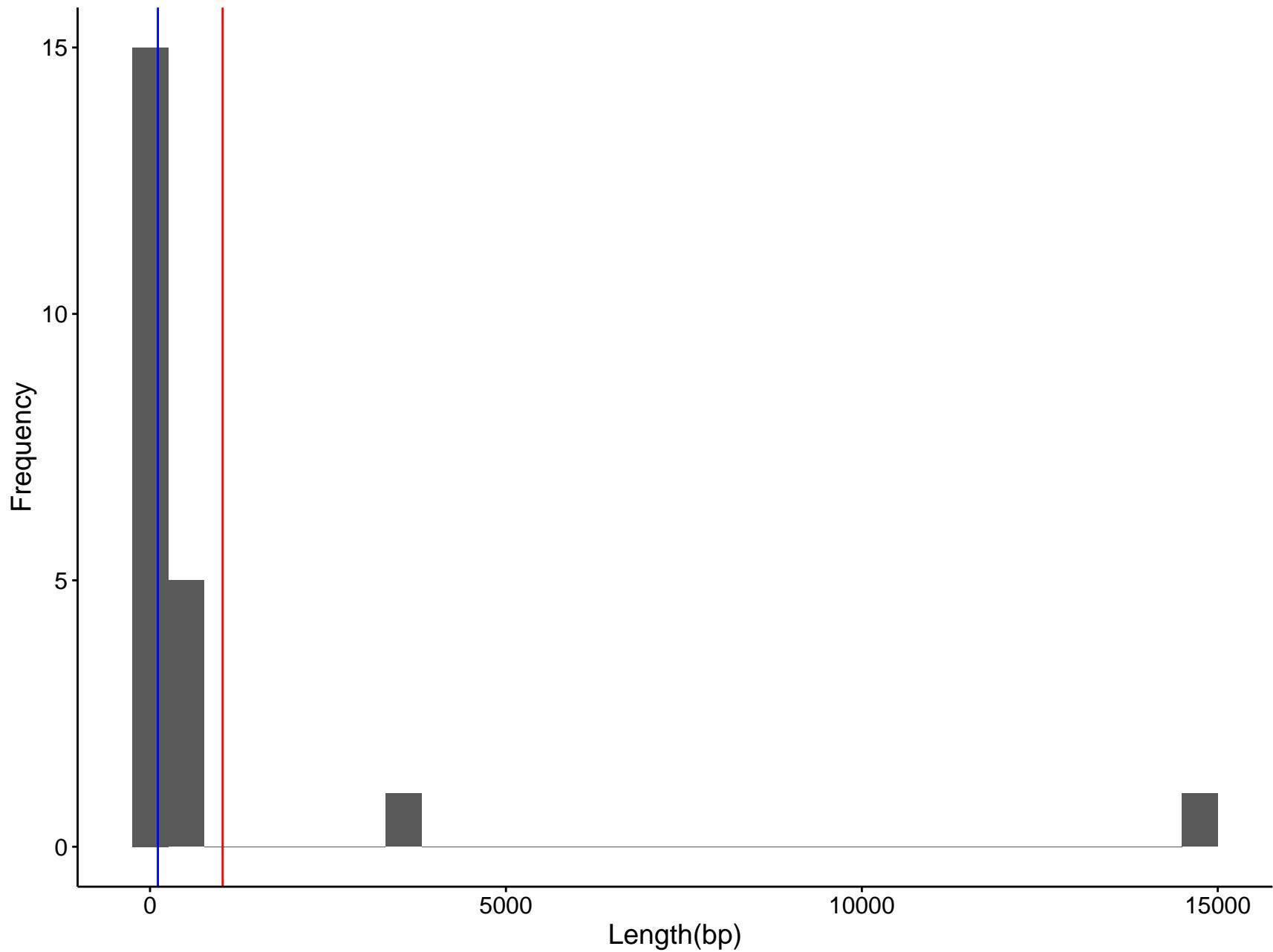




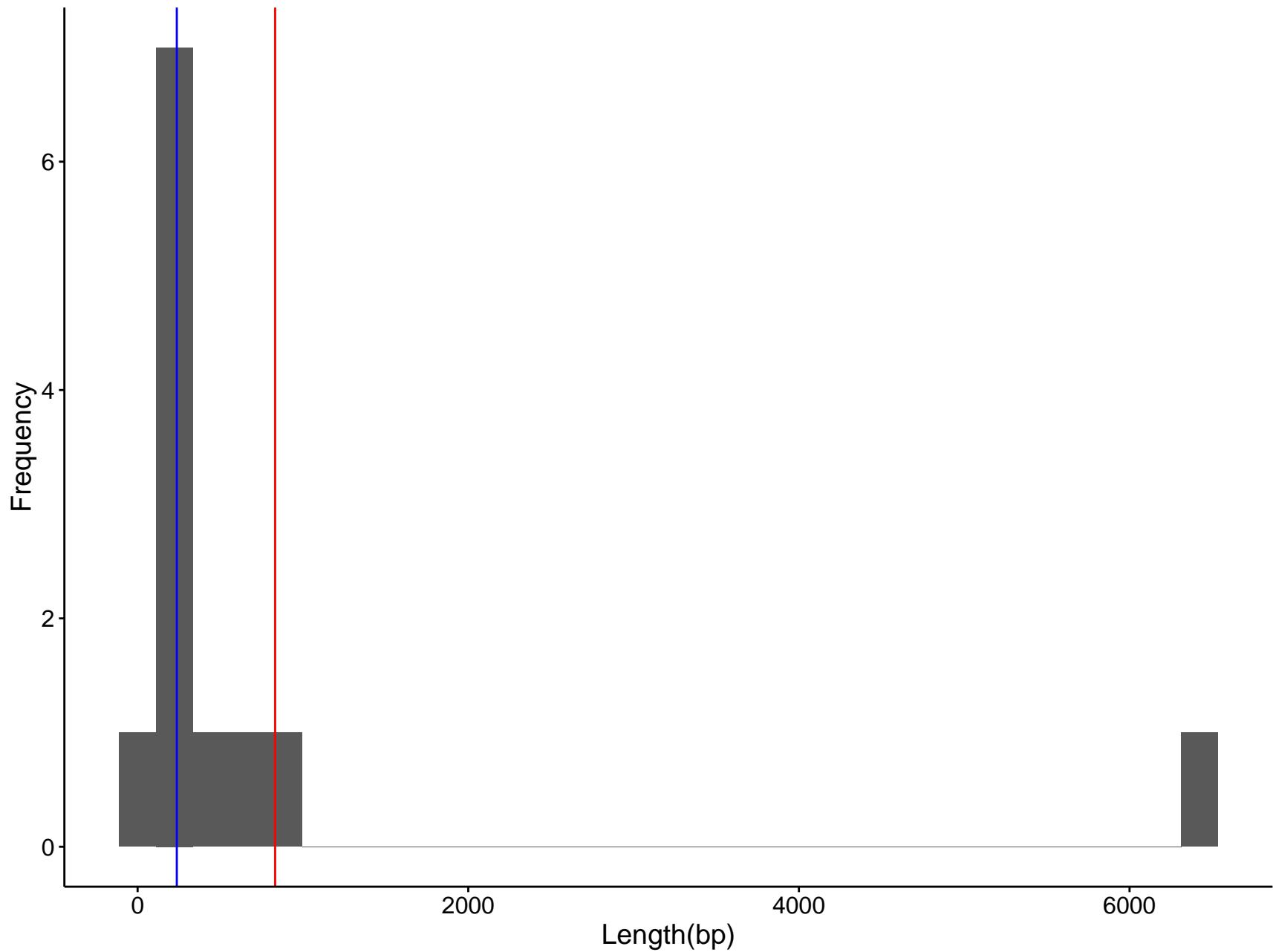
Cluster960



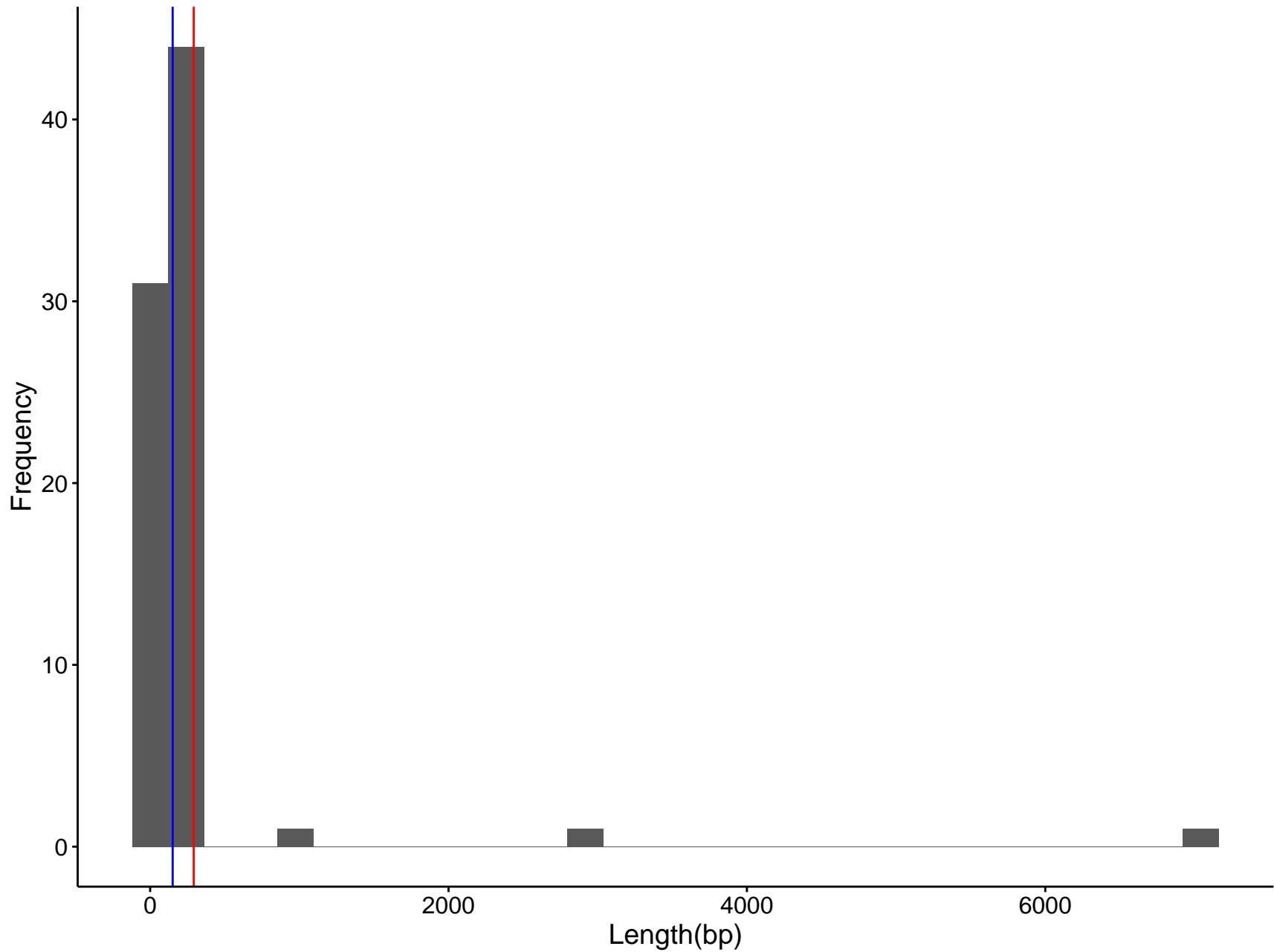
Cluster961



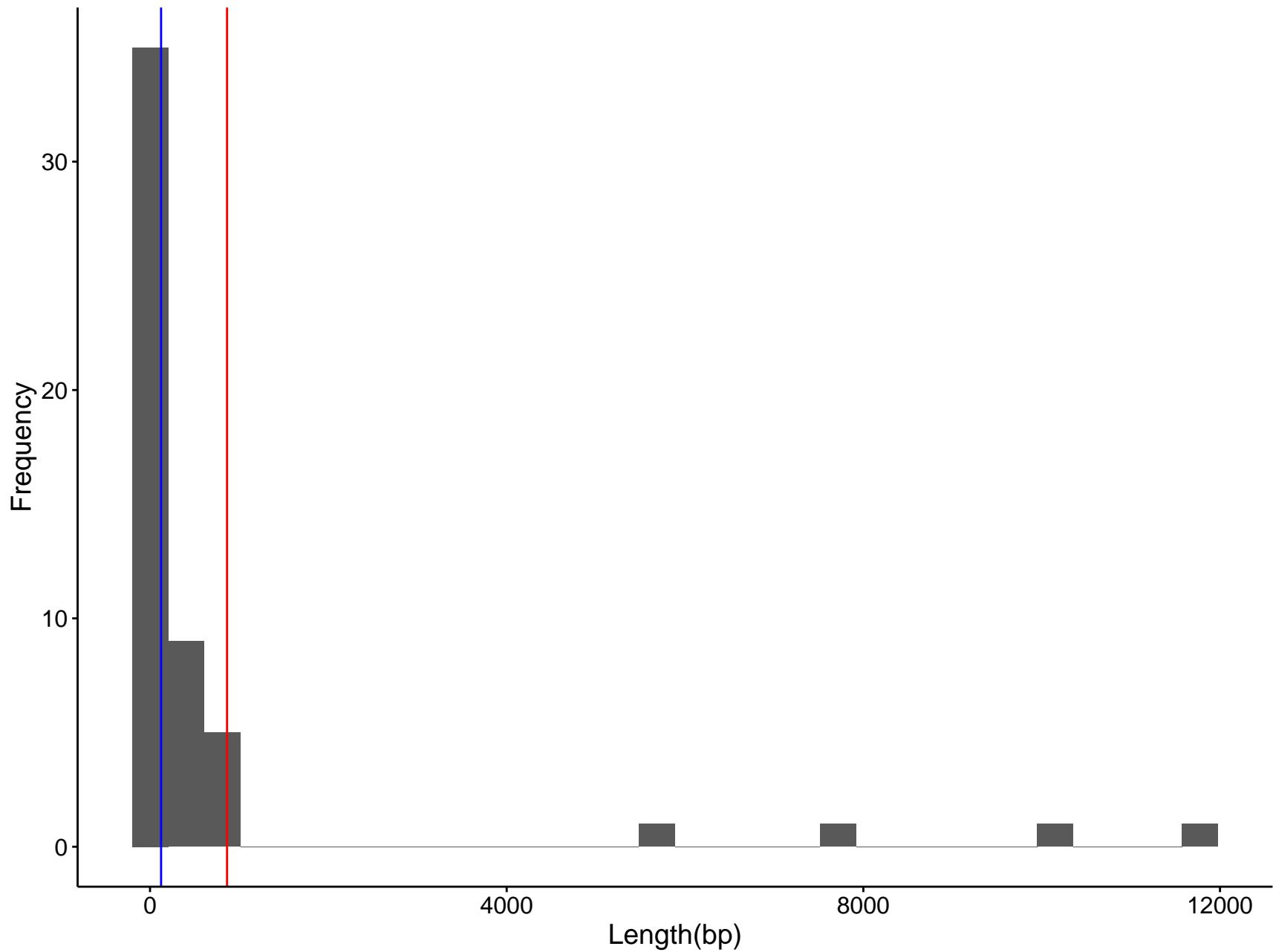
Cluster962



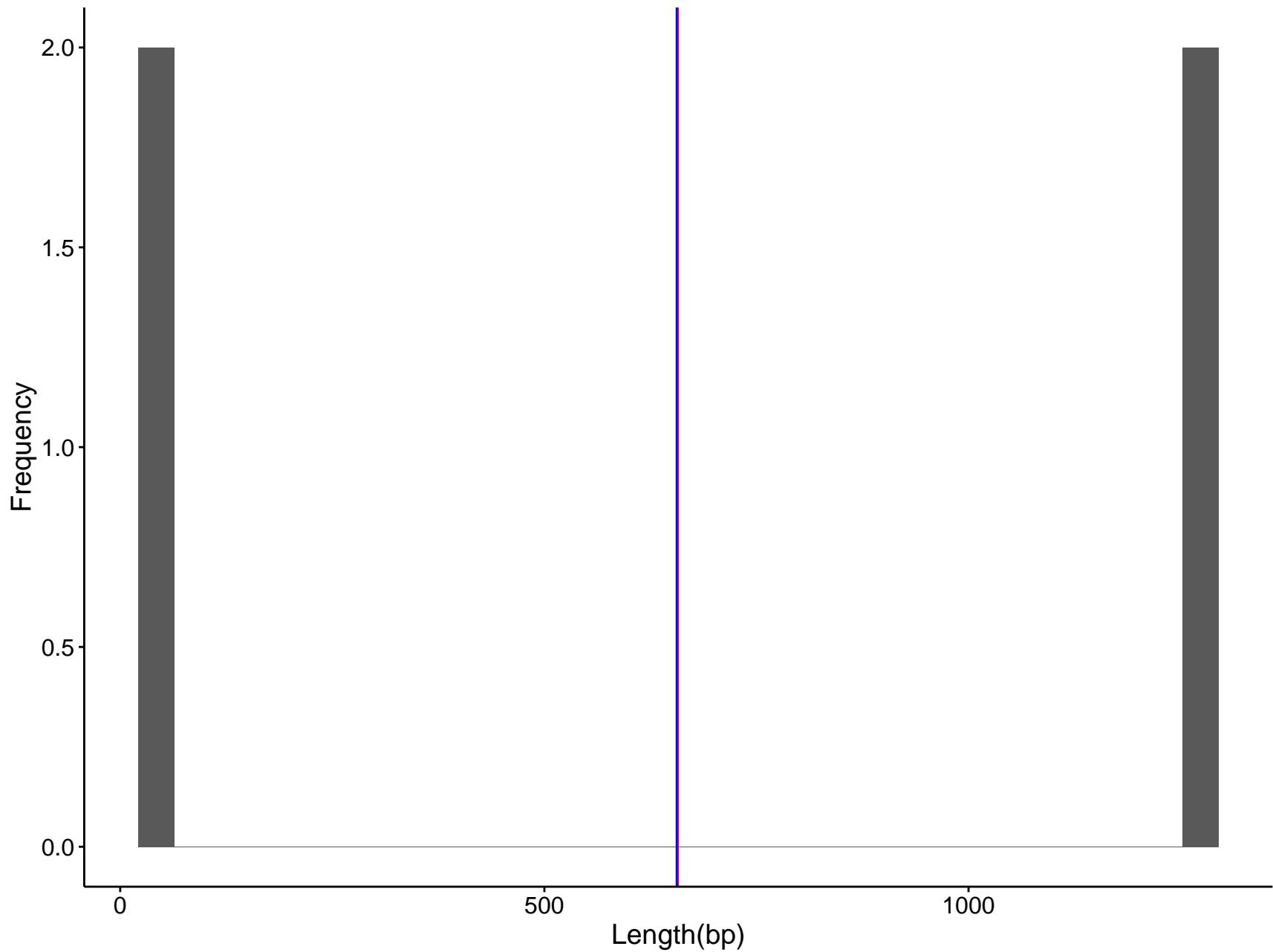
Cluster963



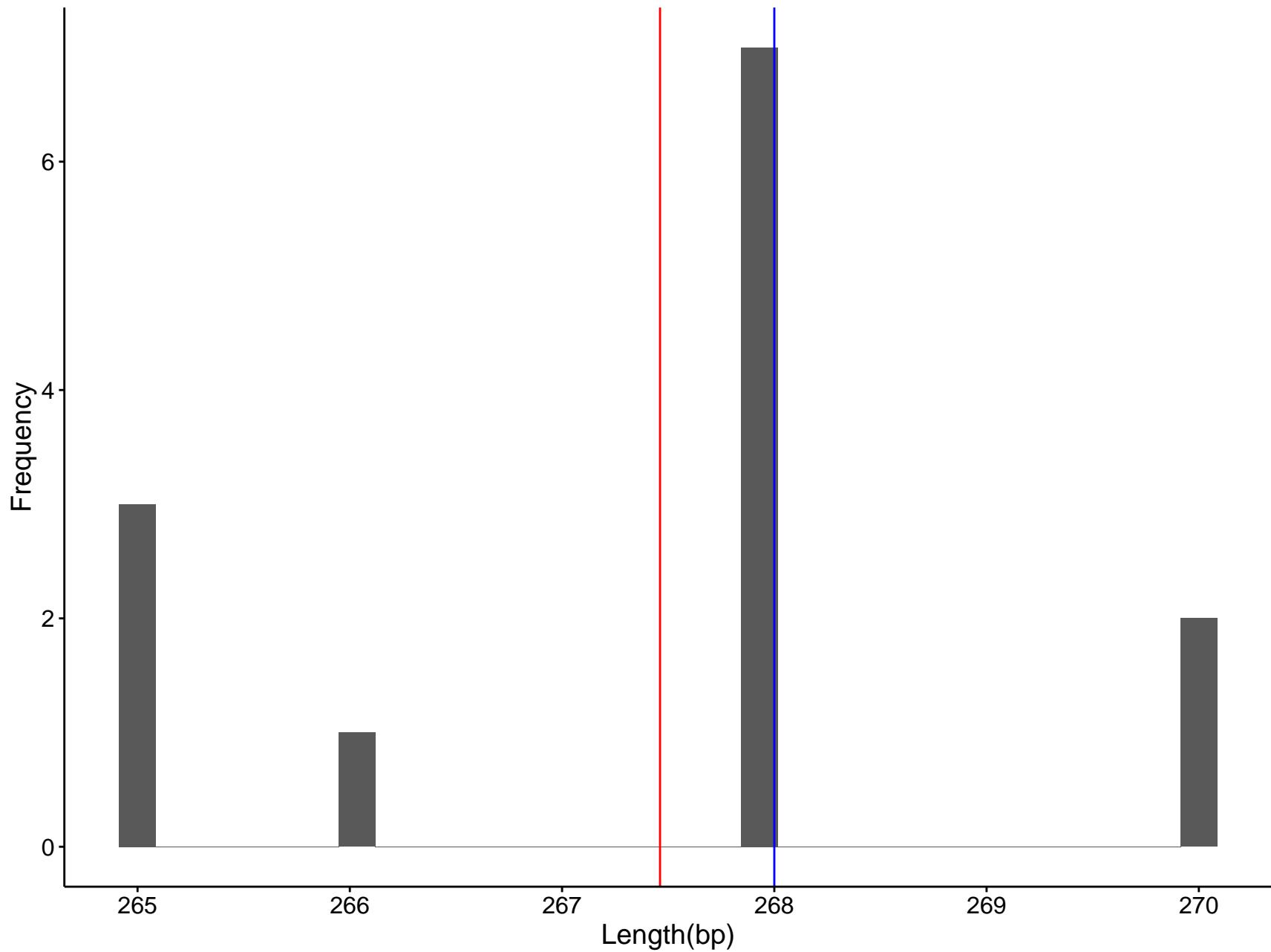
Cluster964



Cluster965



Cluster966



Cluster967

Frequency

898.950

898.975

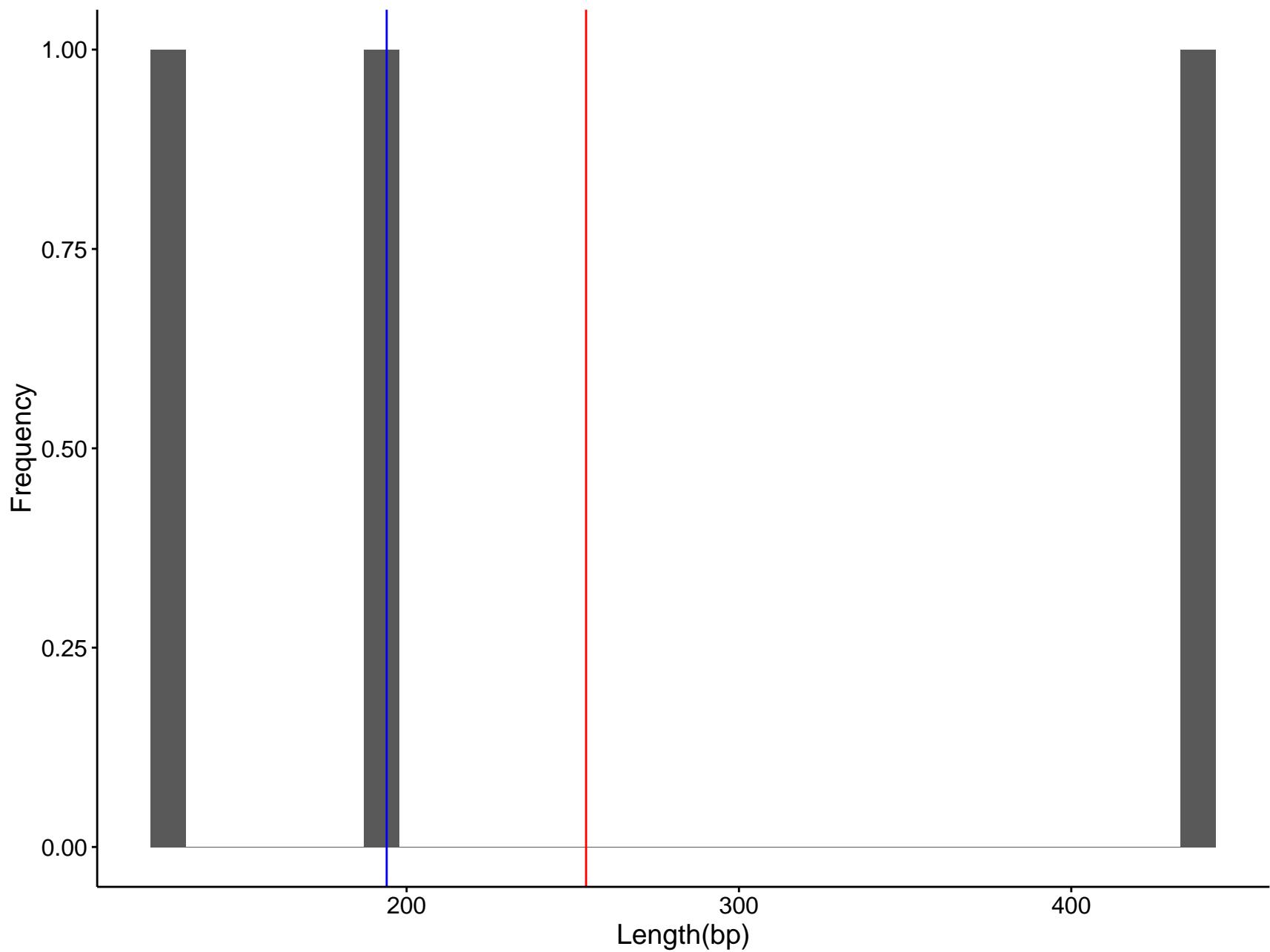
899.000

899.025

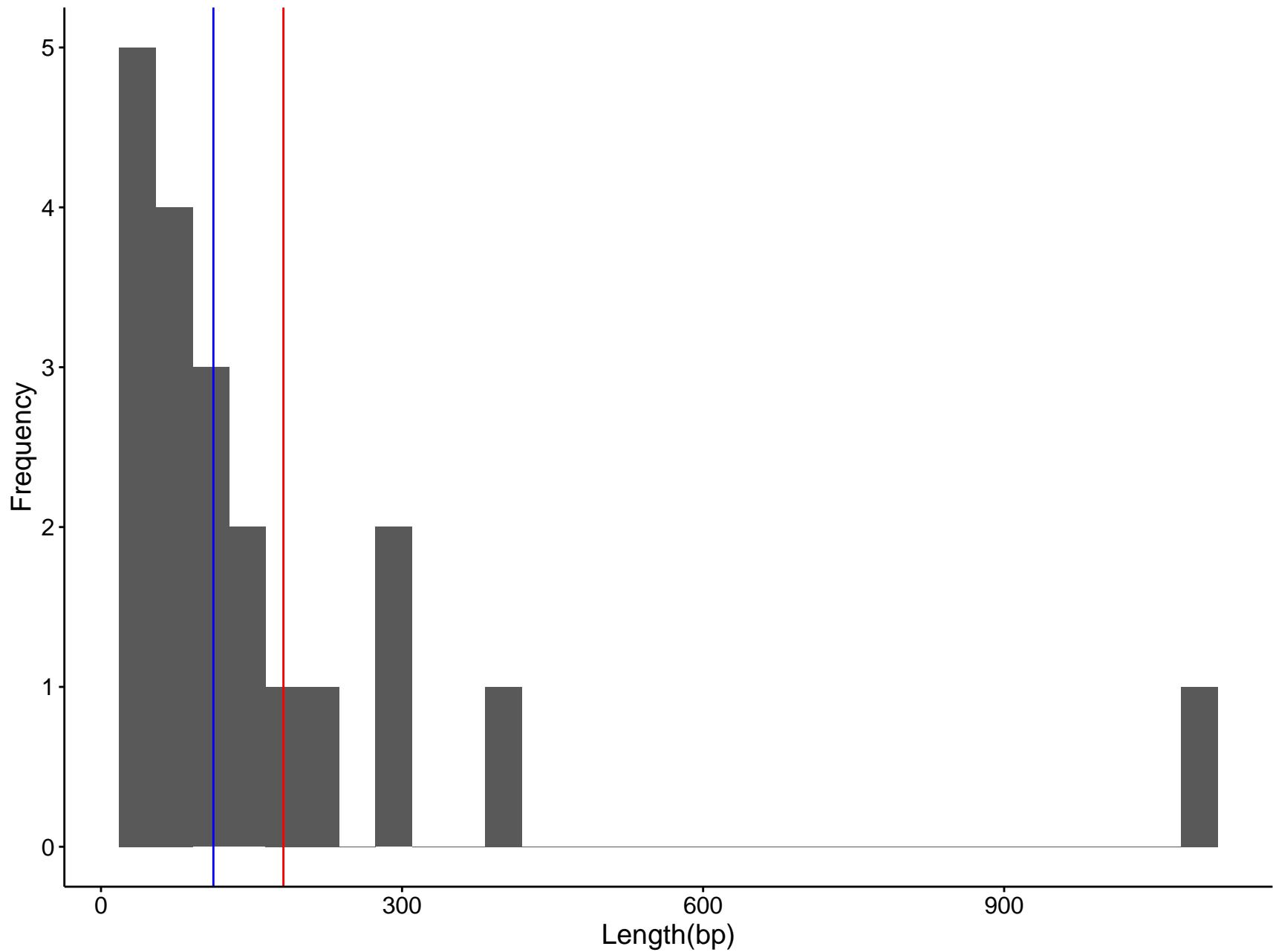
Length(bp)



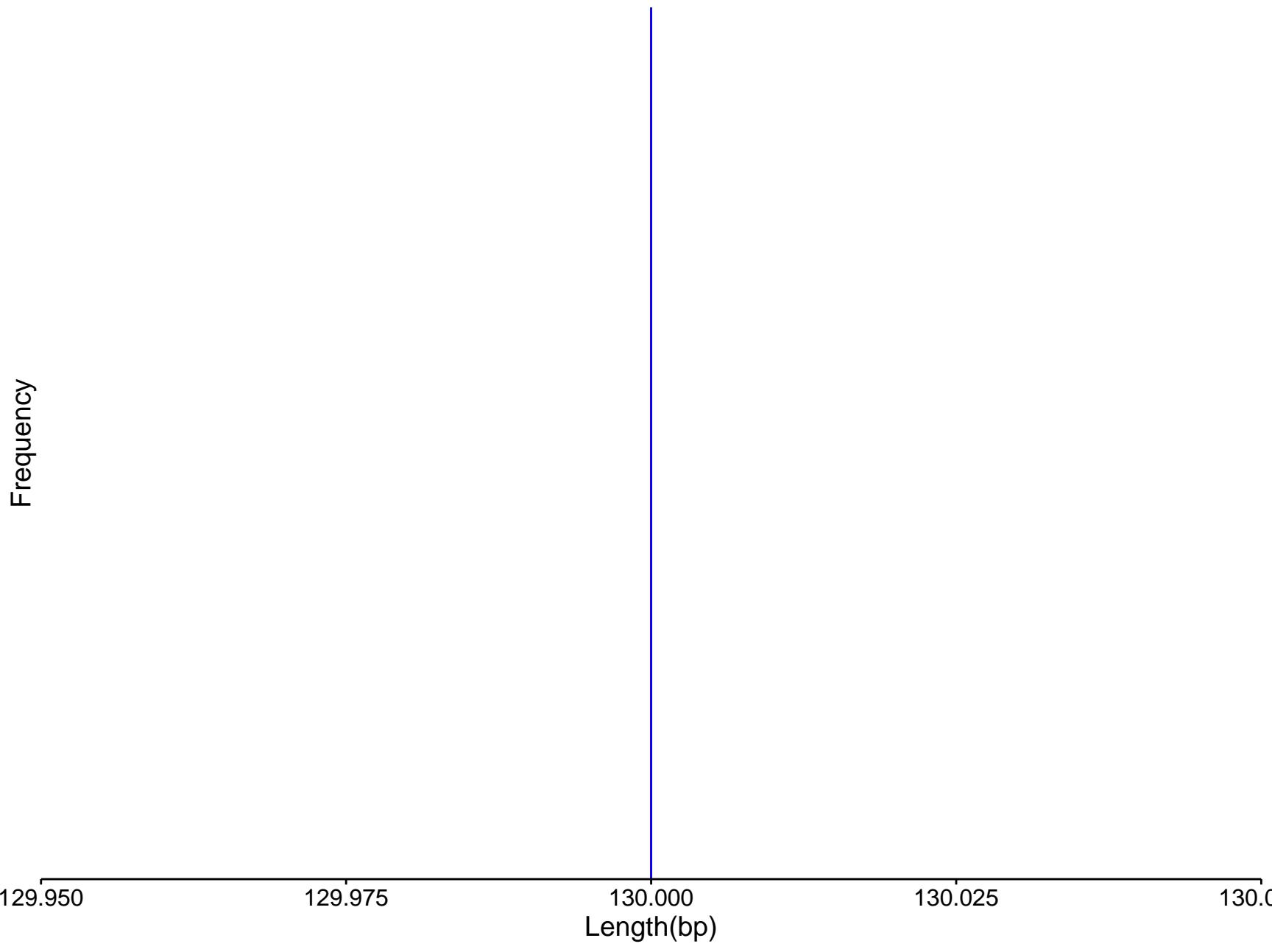
Cluster968



Cluster96



Cluster970



Cluster974

Frequency

807.950

807.975

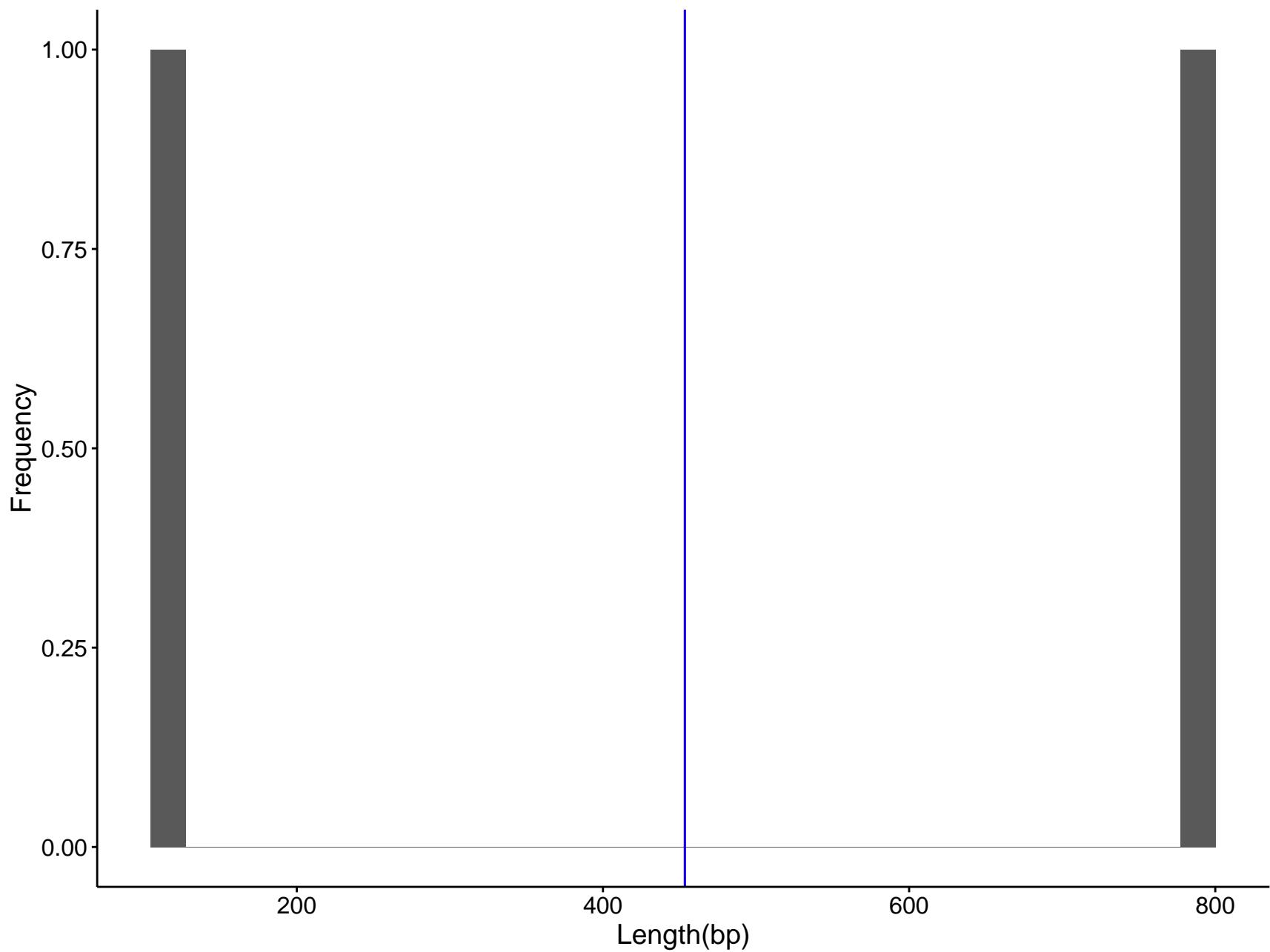
808.000

808.025

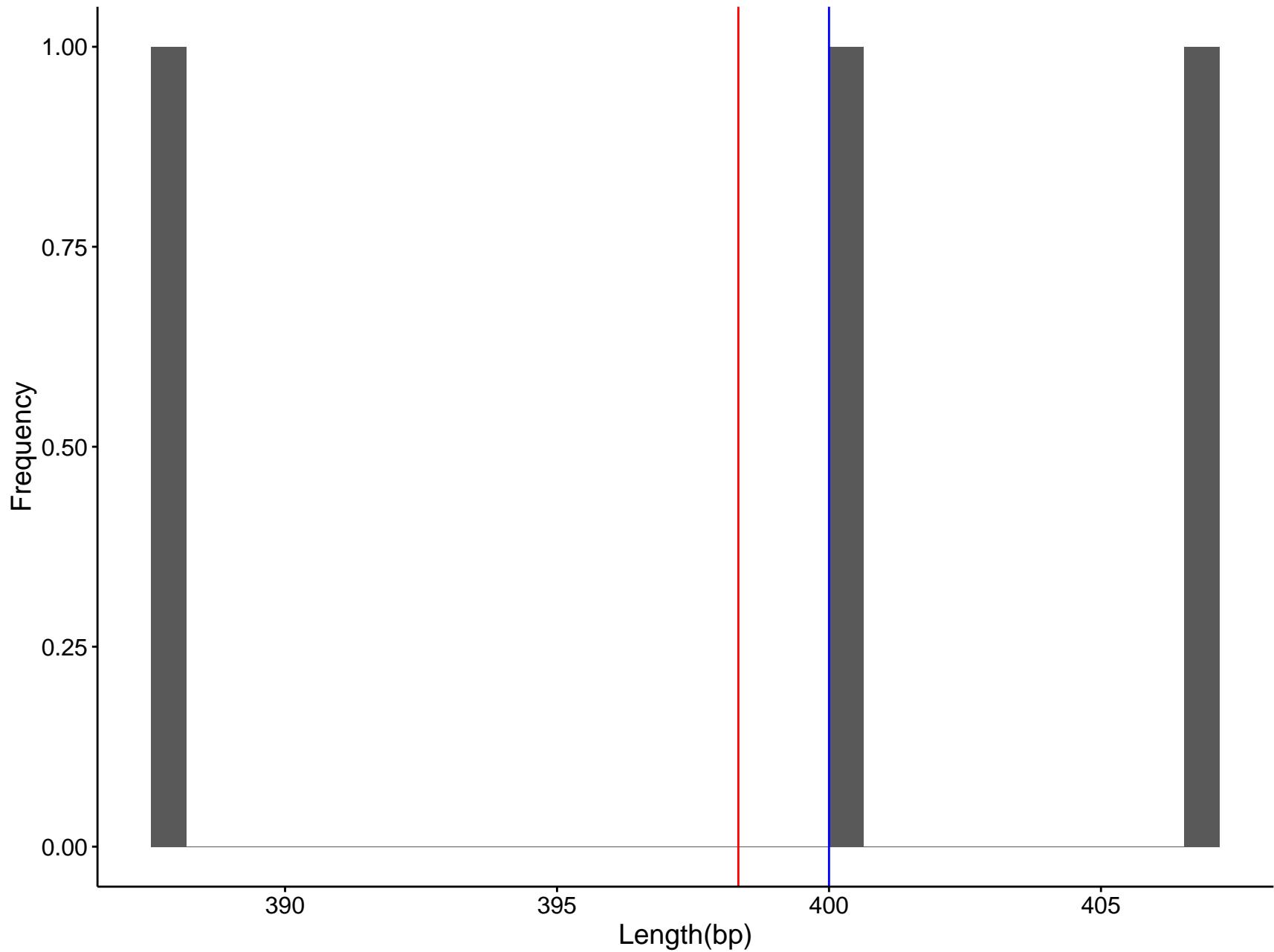
Length(bp)



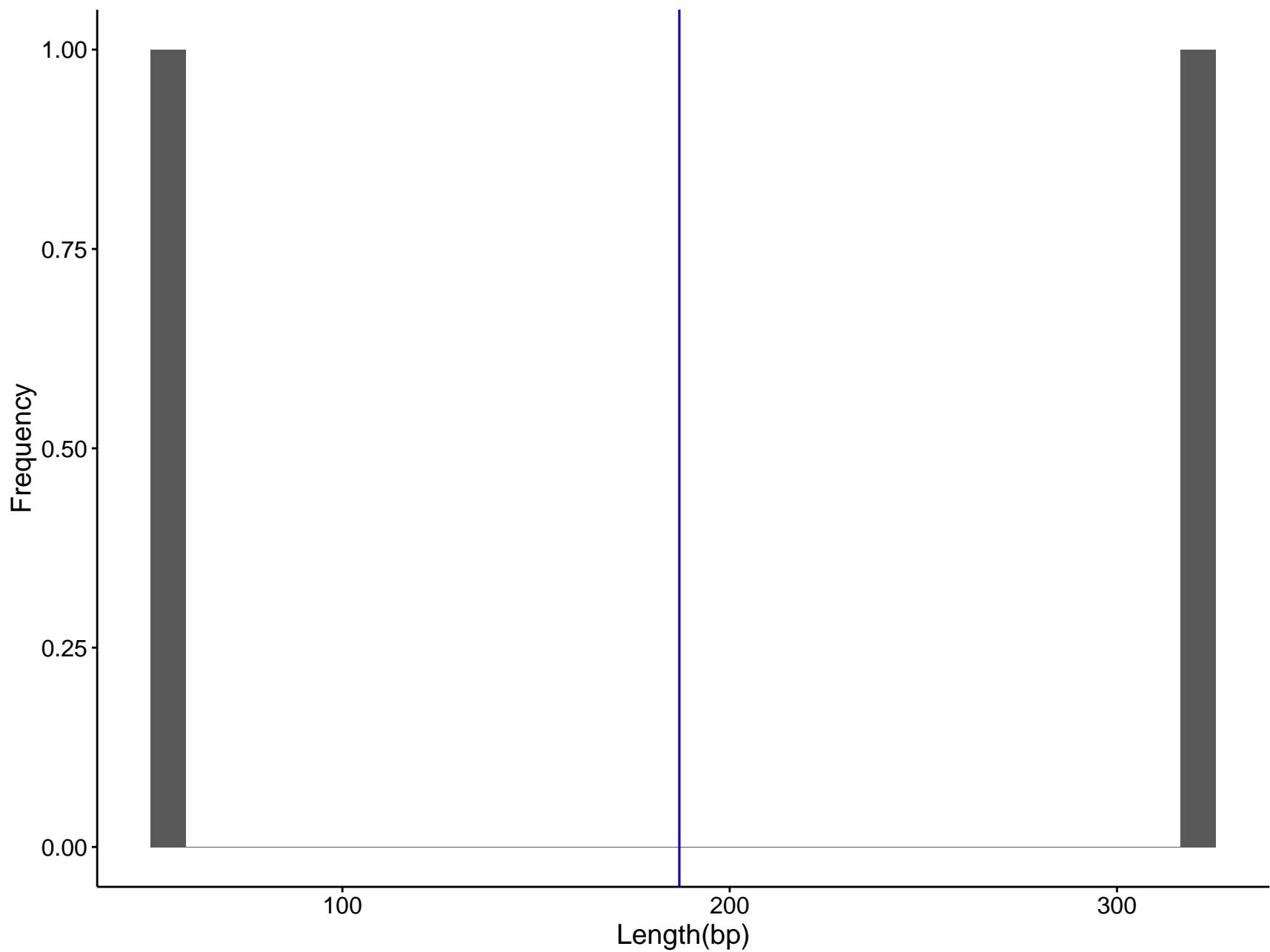
Cluster975



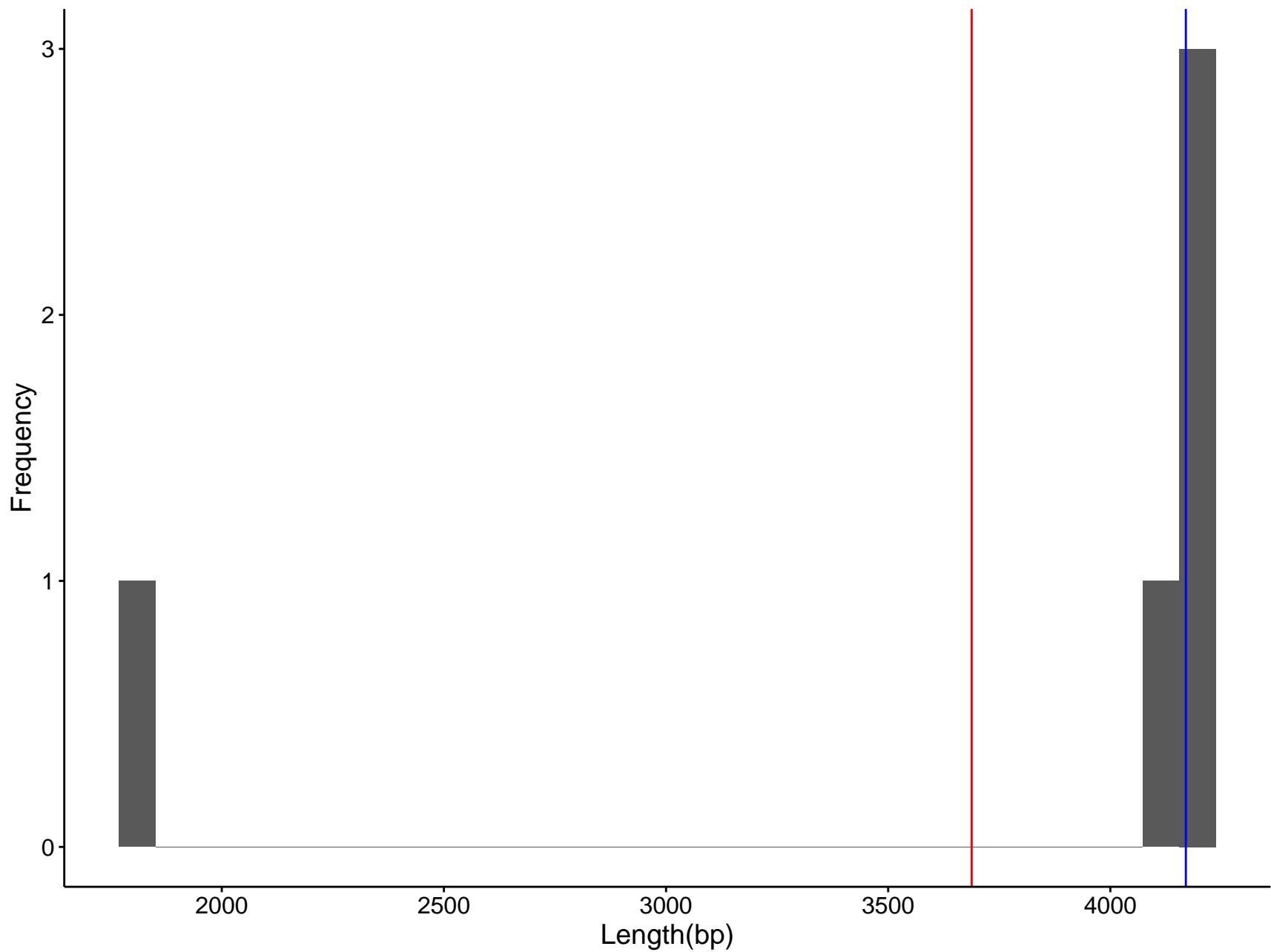
Cluster976



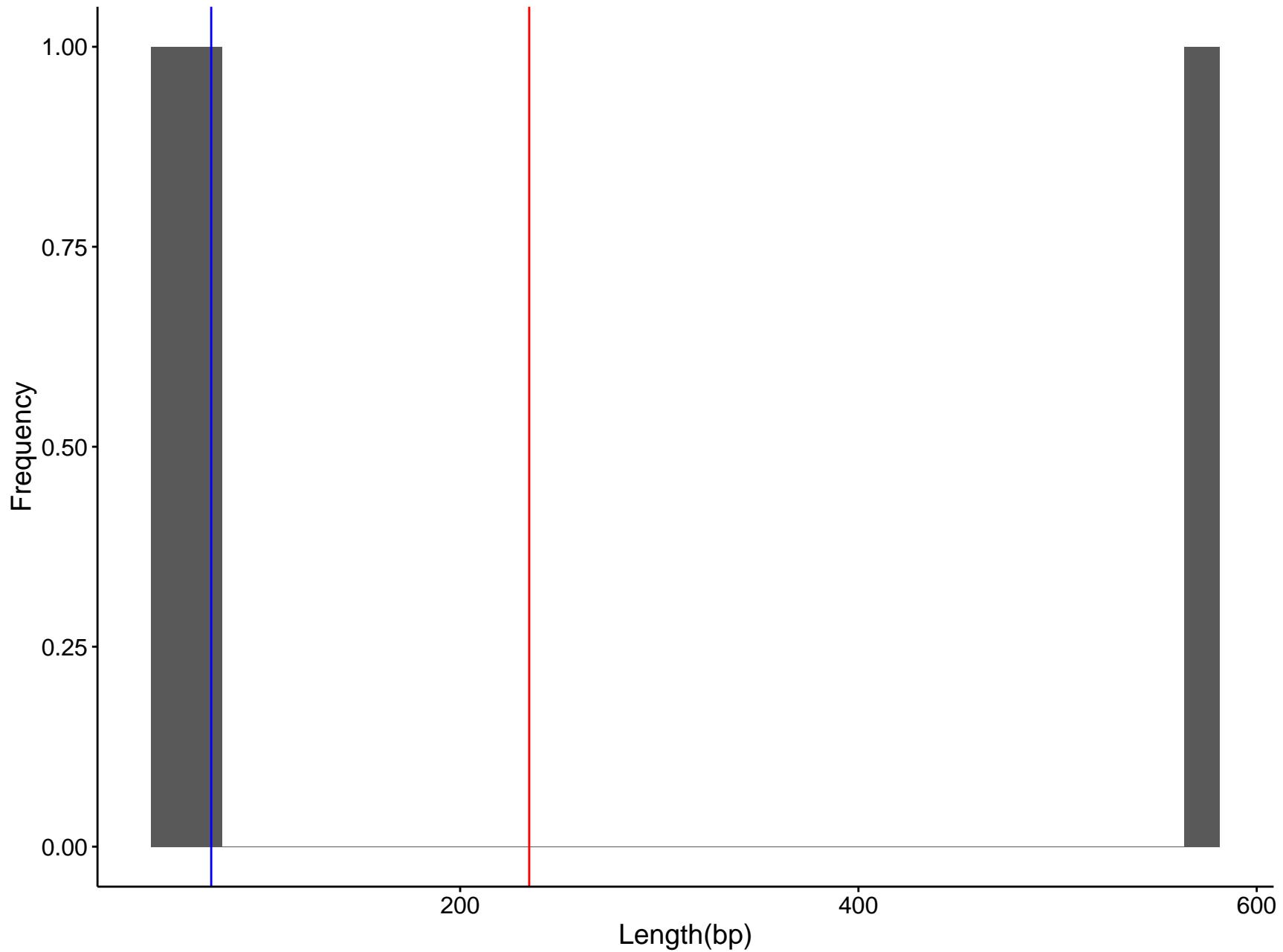
Cluster977



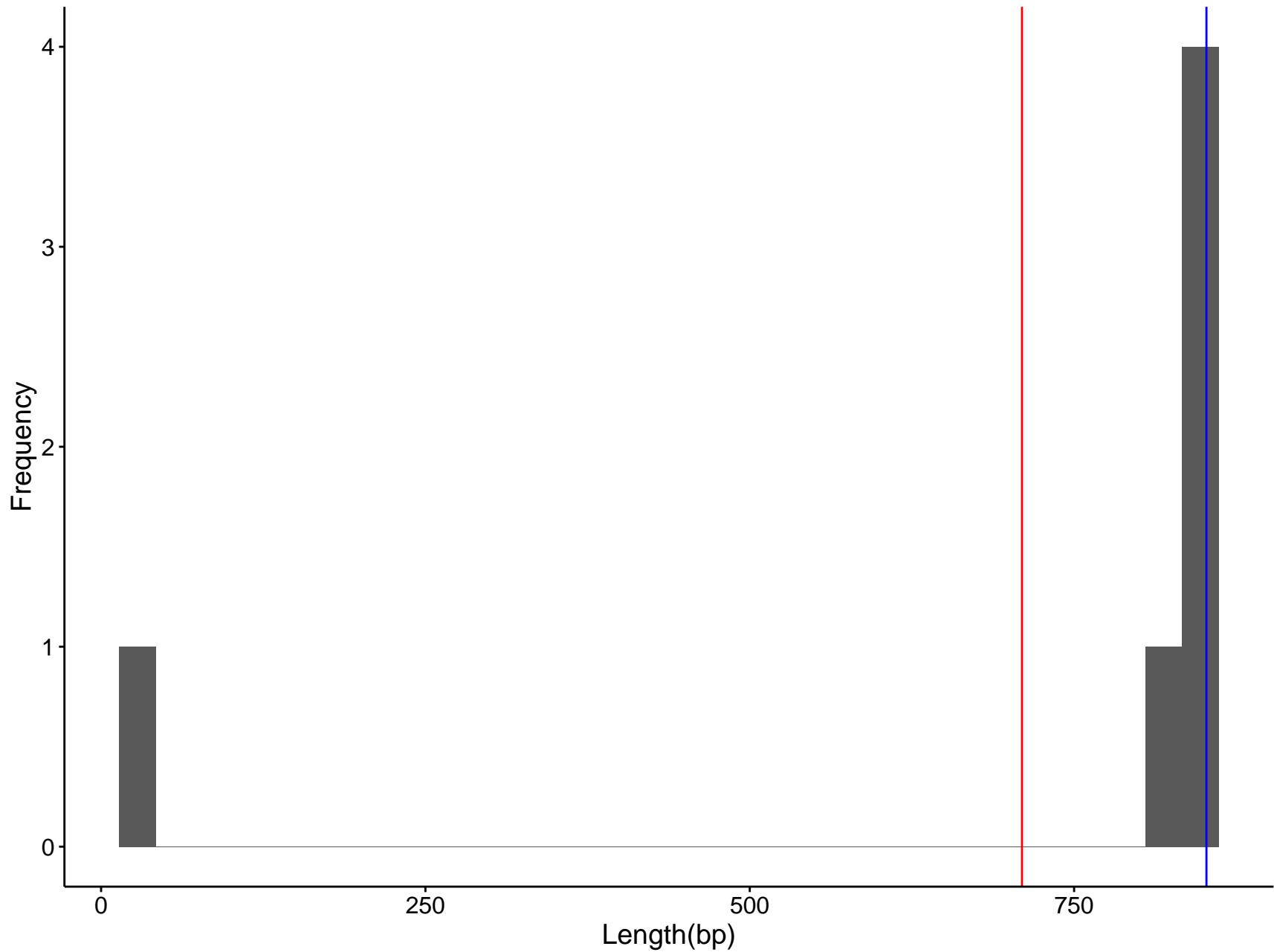
Cluster978



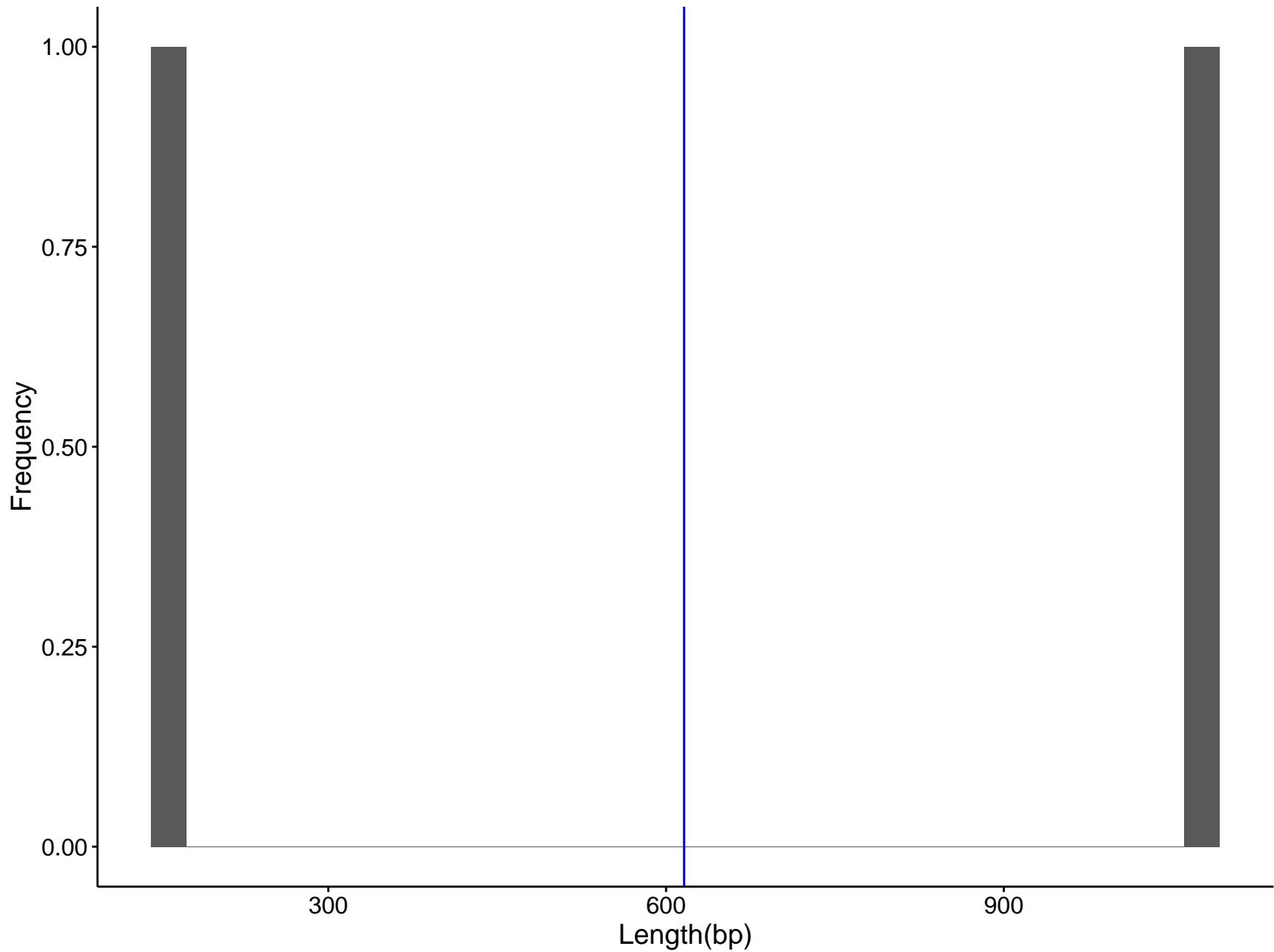
Cluster979



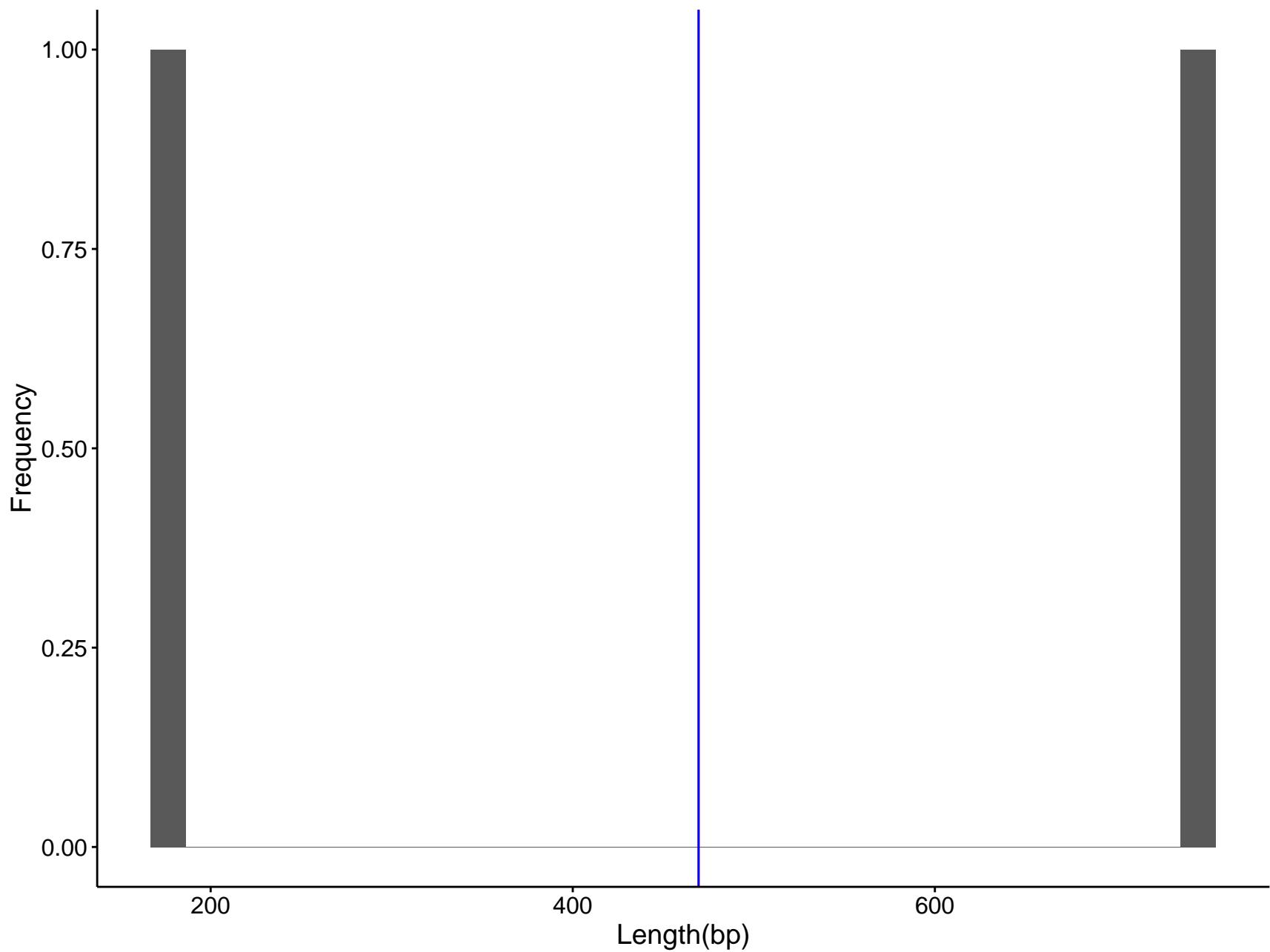
Cluster980



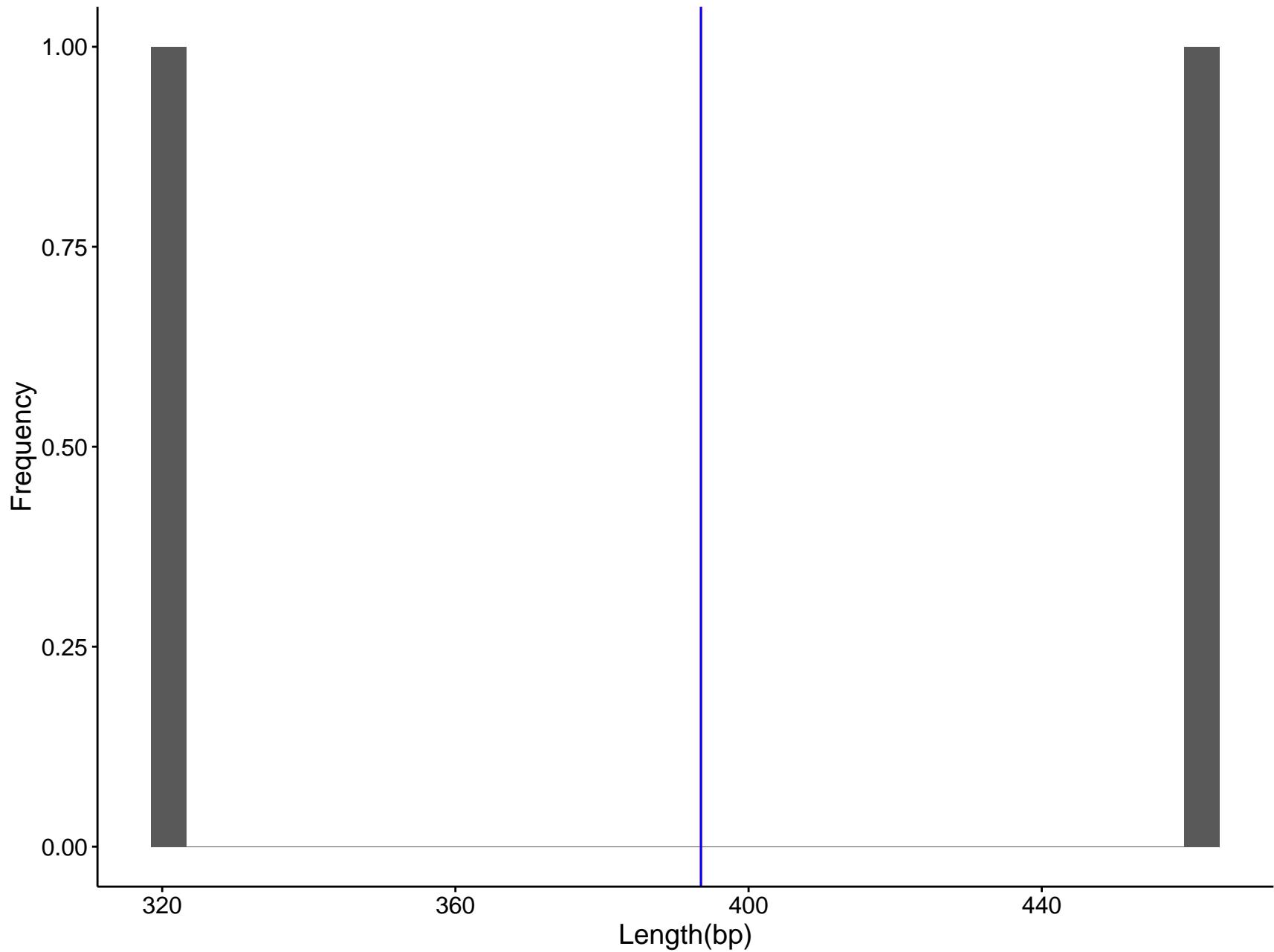
Cluster981



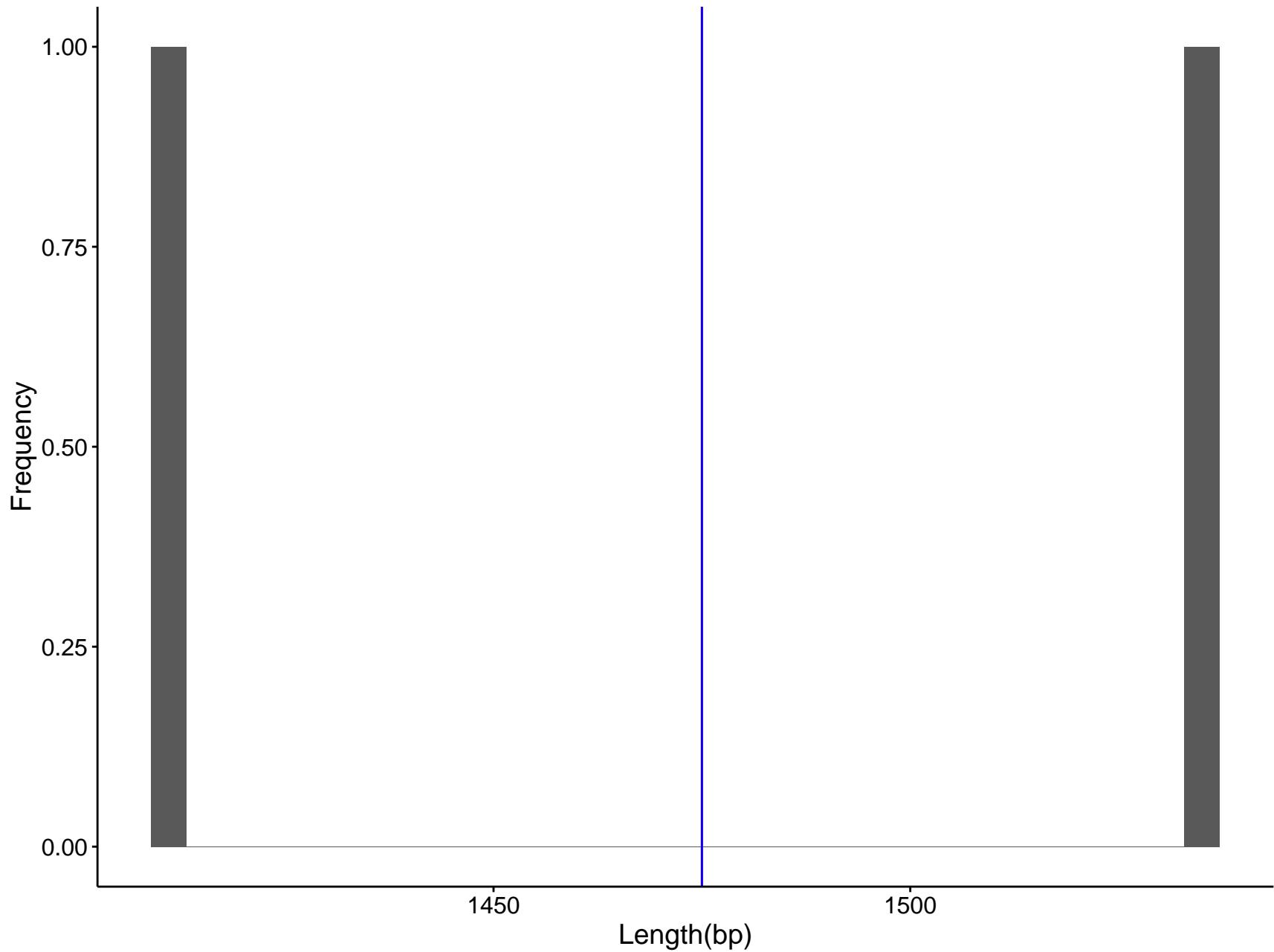
Cluster982



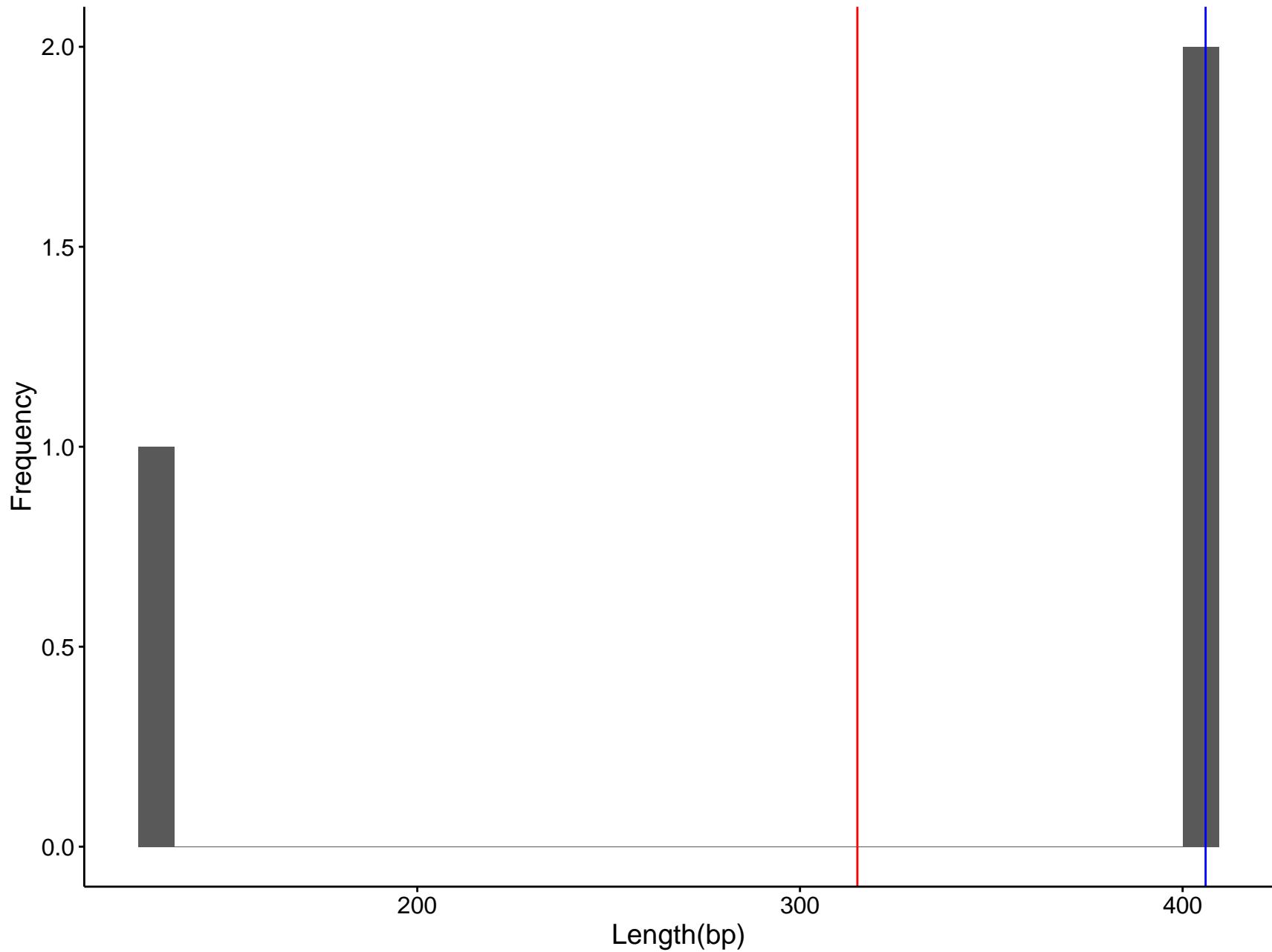
Cluster983



Cluster984



Cluster985



Cluster986

Frequency

986.950

986.975

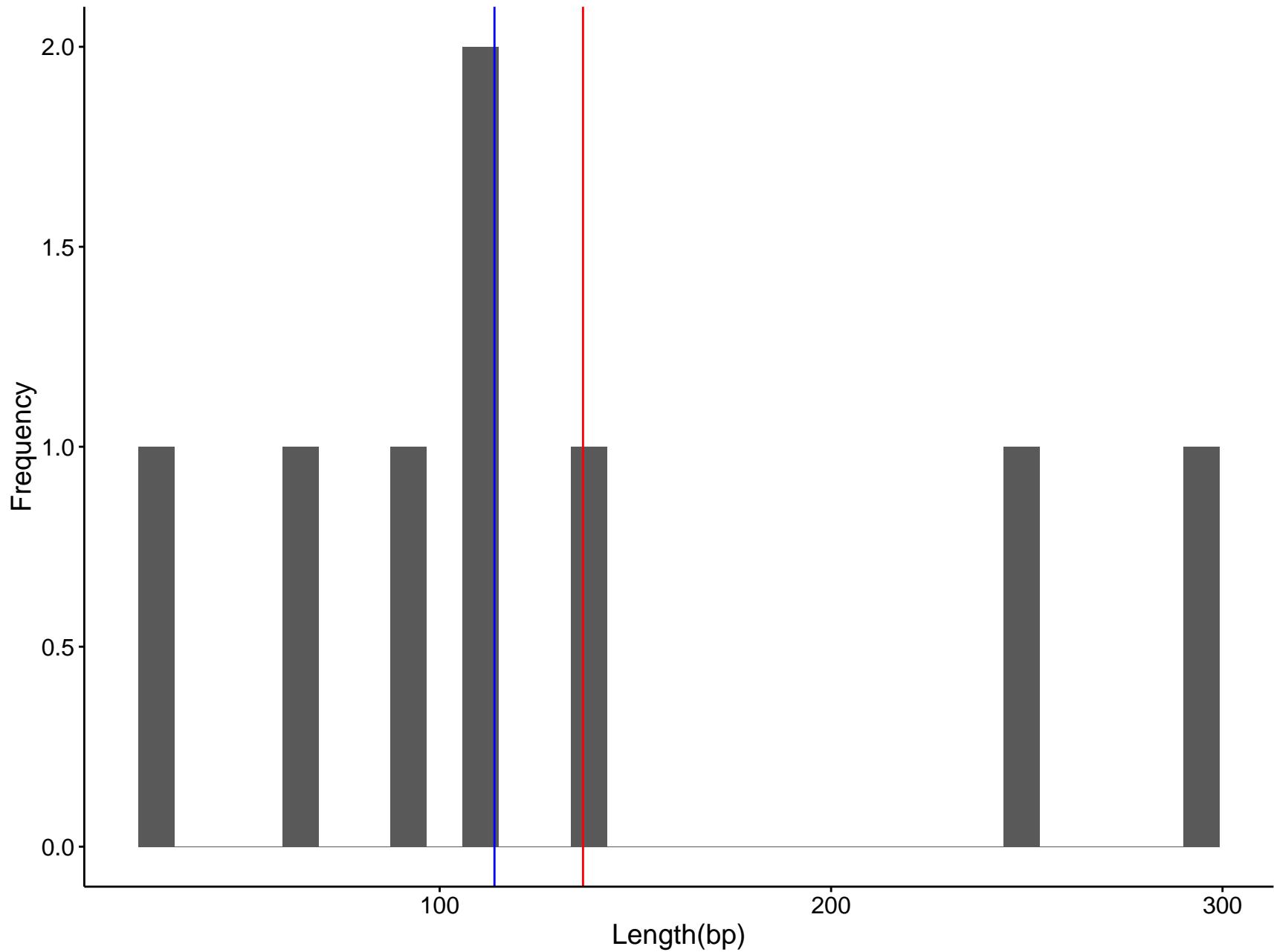
987.000

987.025

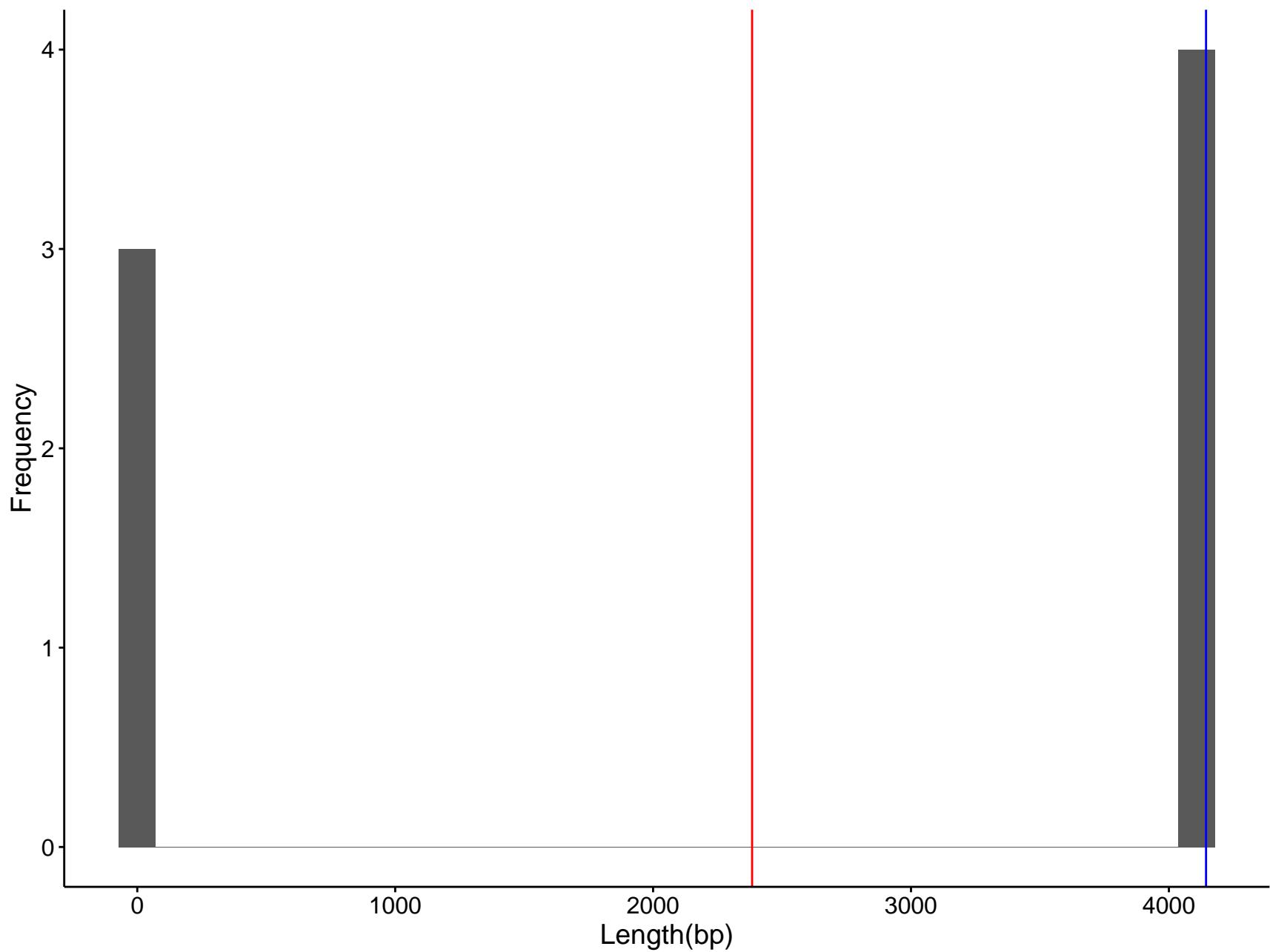
Length(bp)



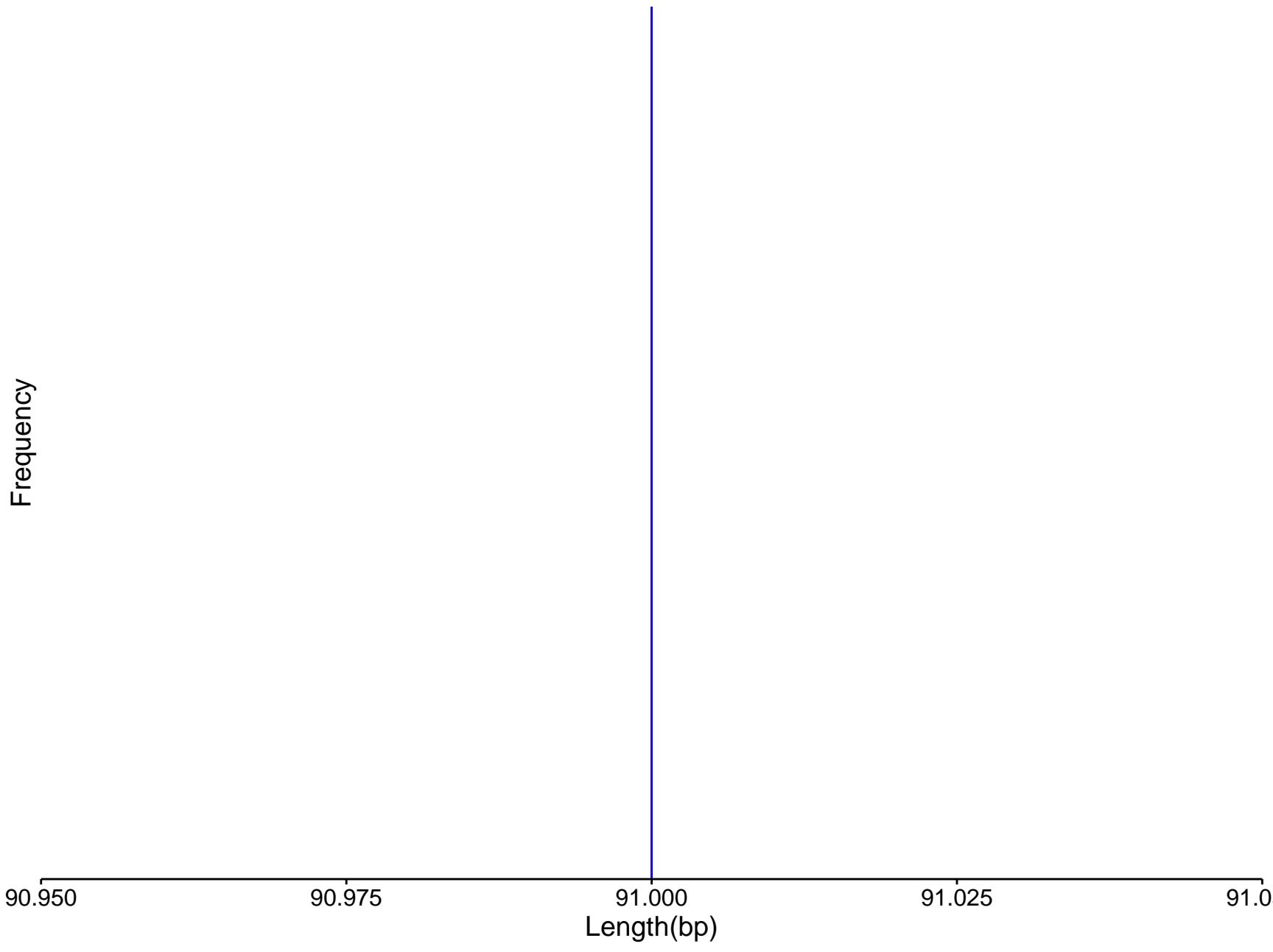
Cluster987



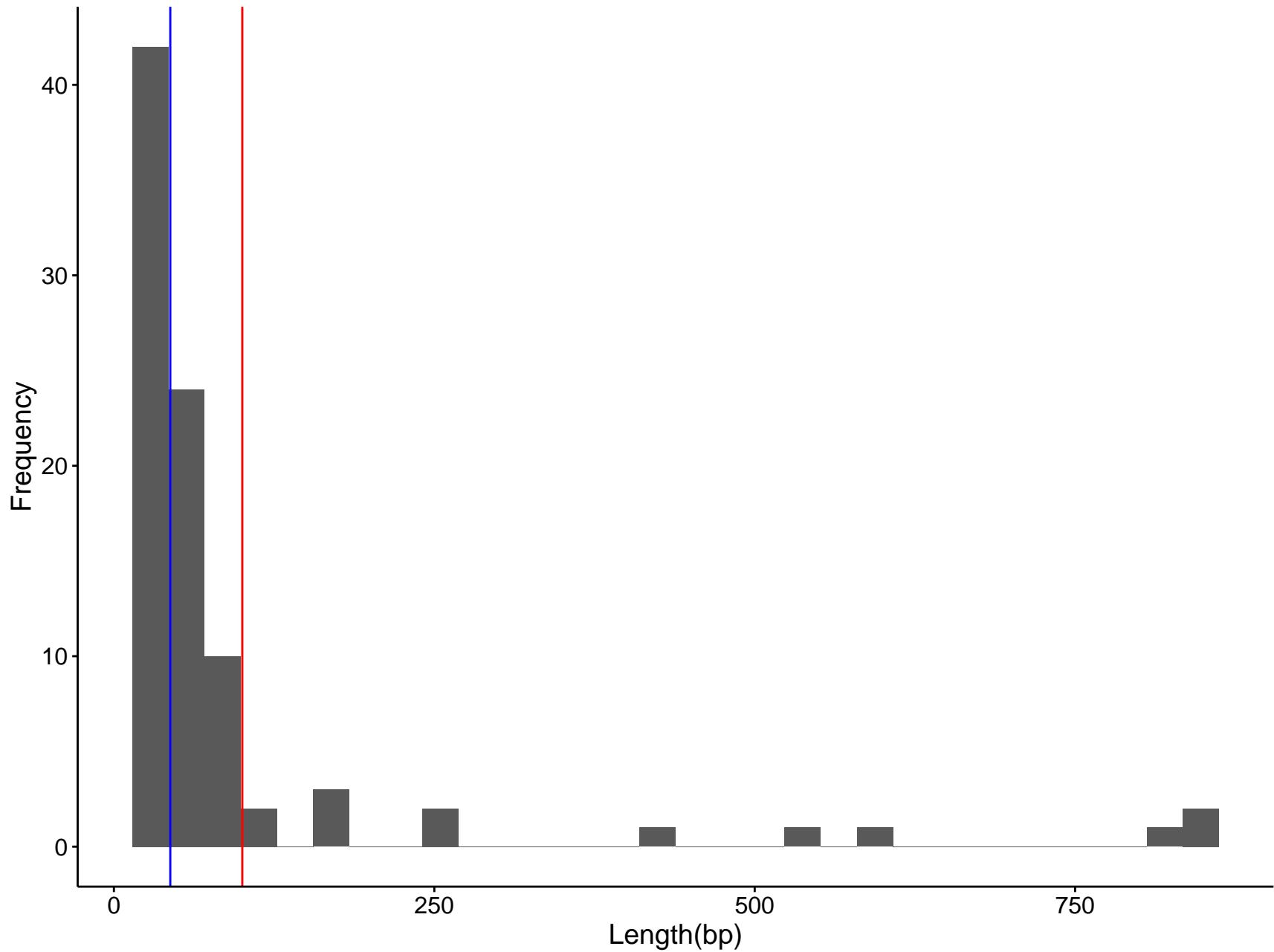
Cluster988



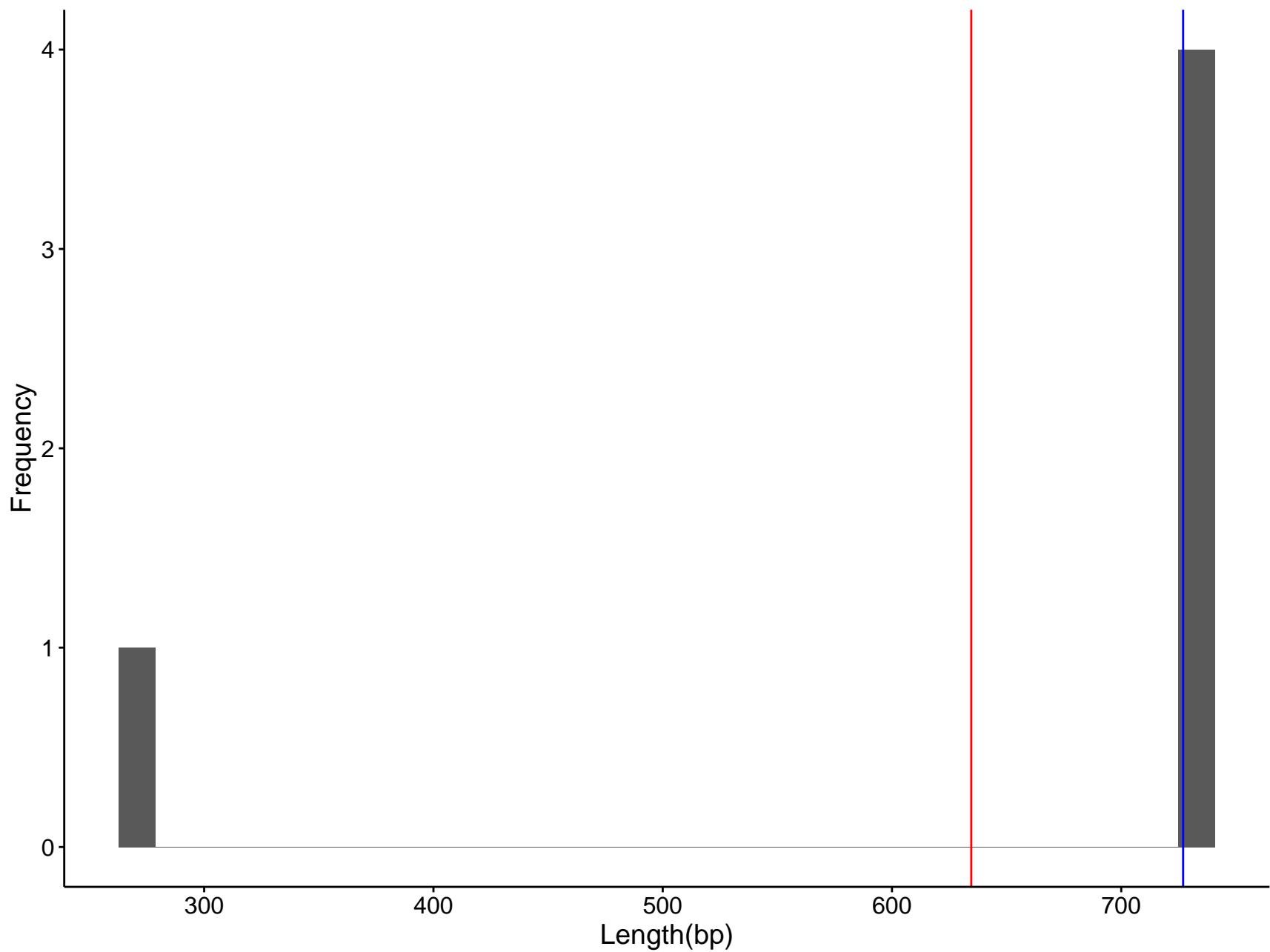
Cluster989



Cluster98



Cluster991



Cluster992

Frequency

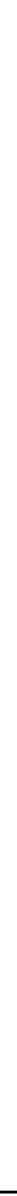
858.950

858.975

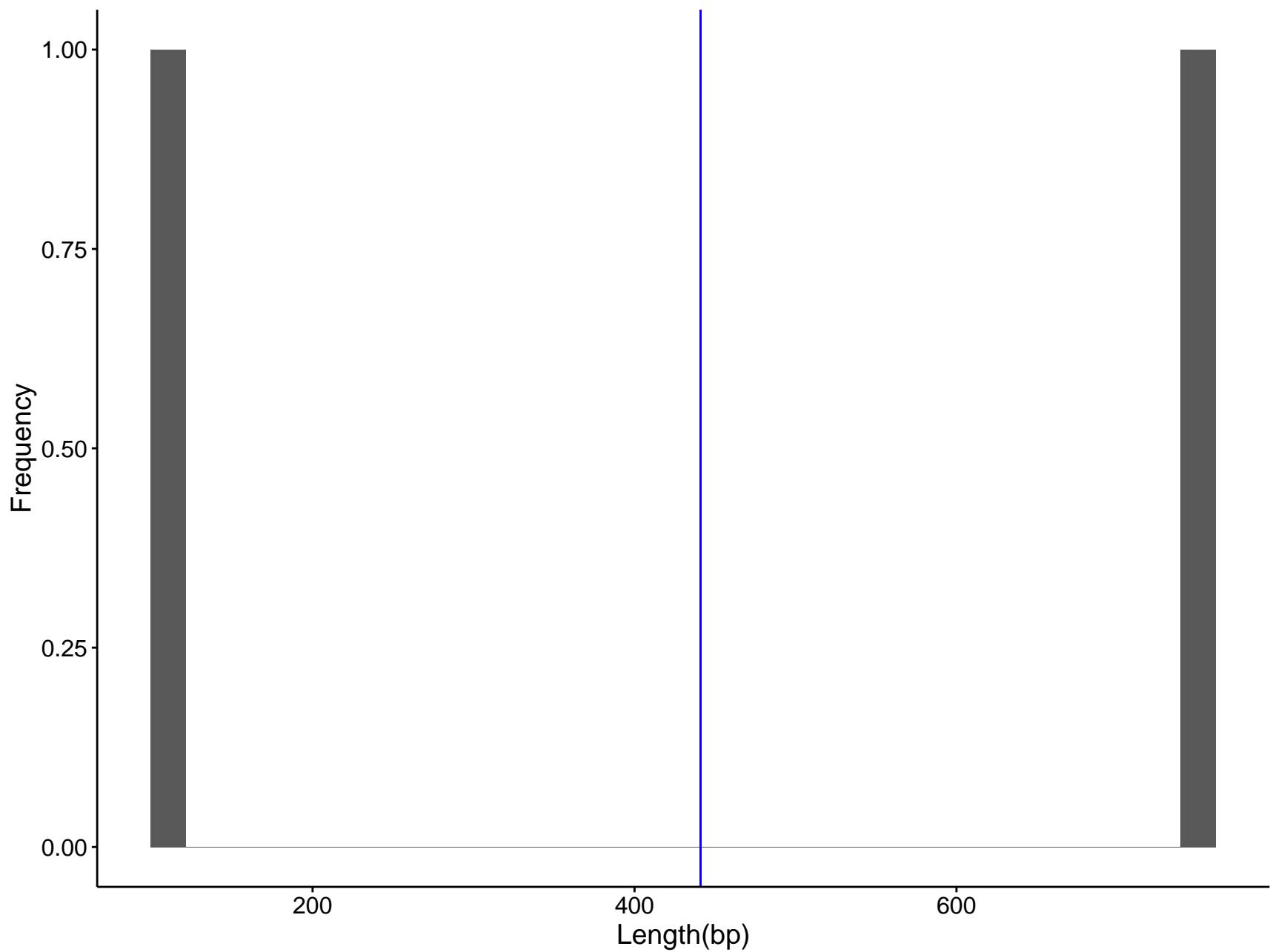
859.000

859.025

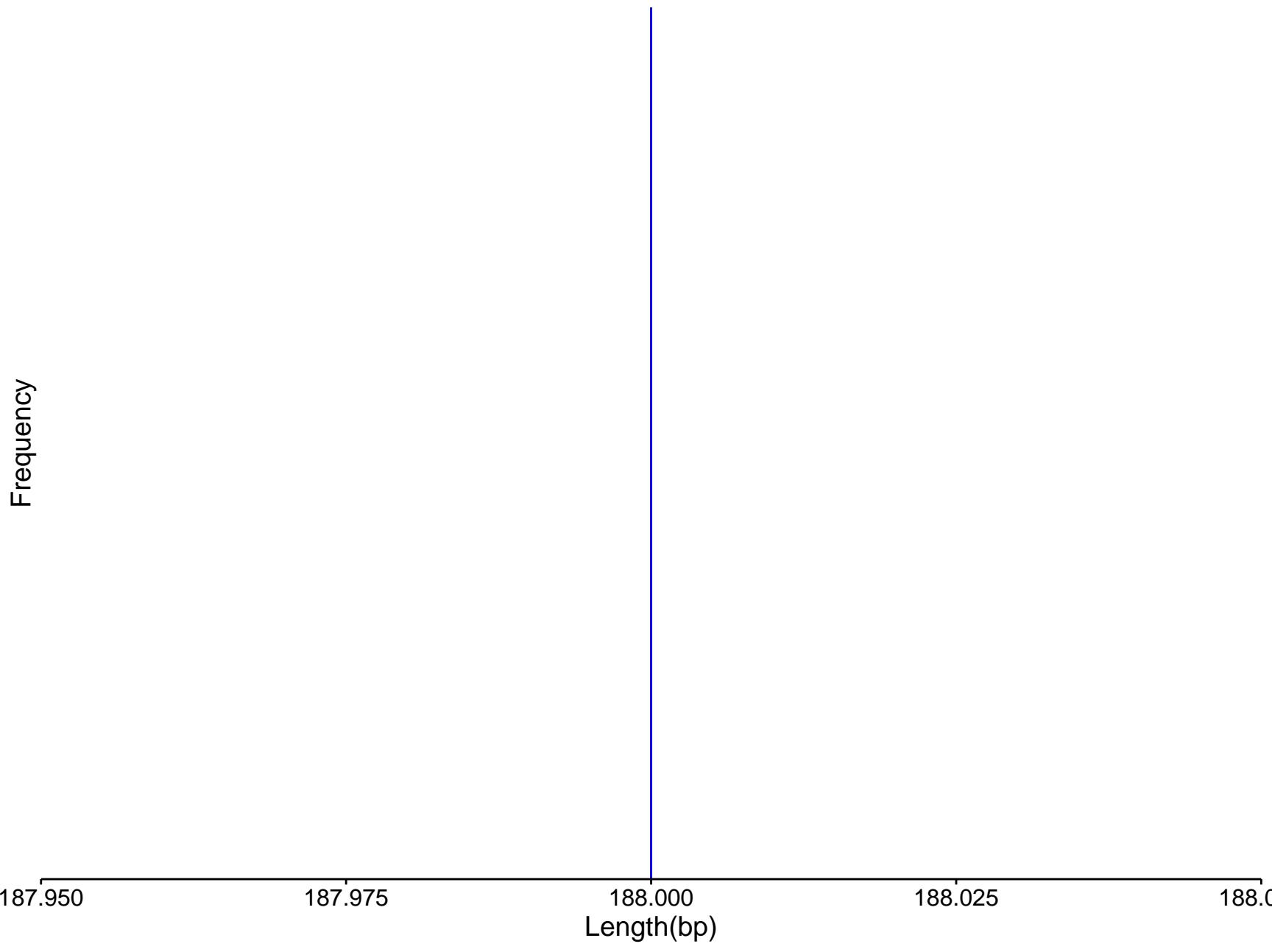
Length(bp)



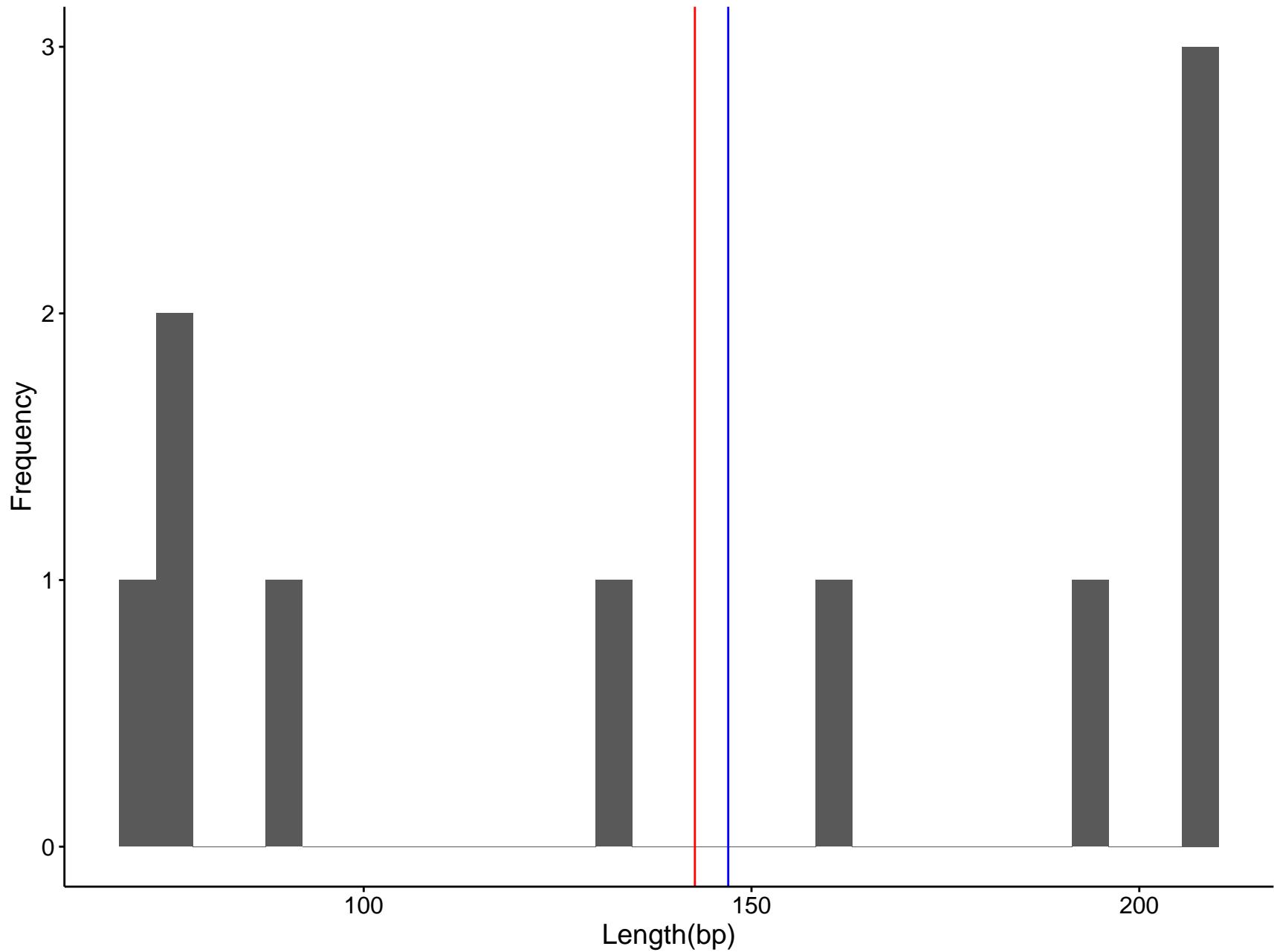
Cluster993



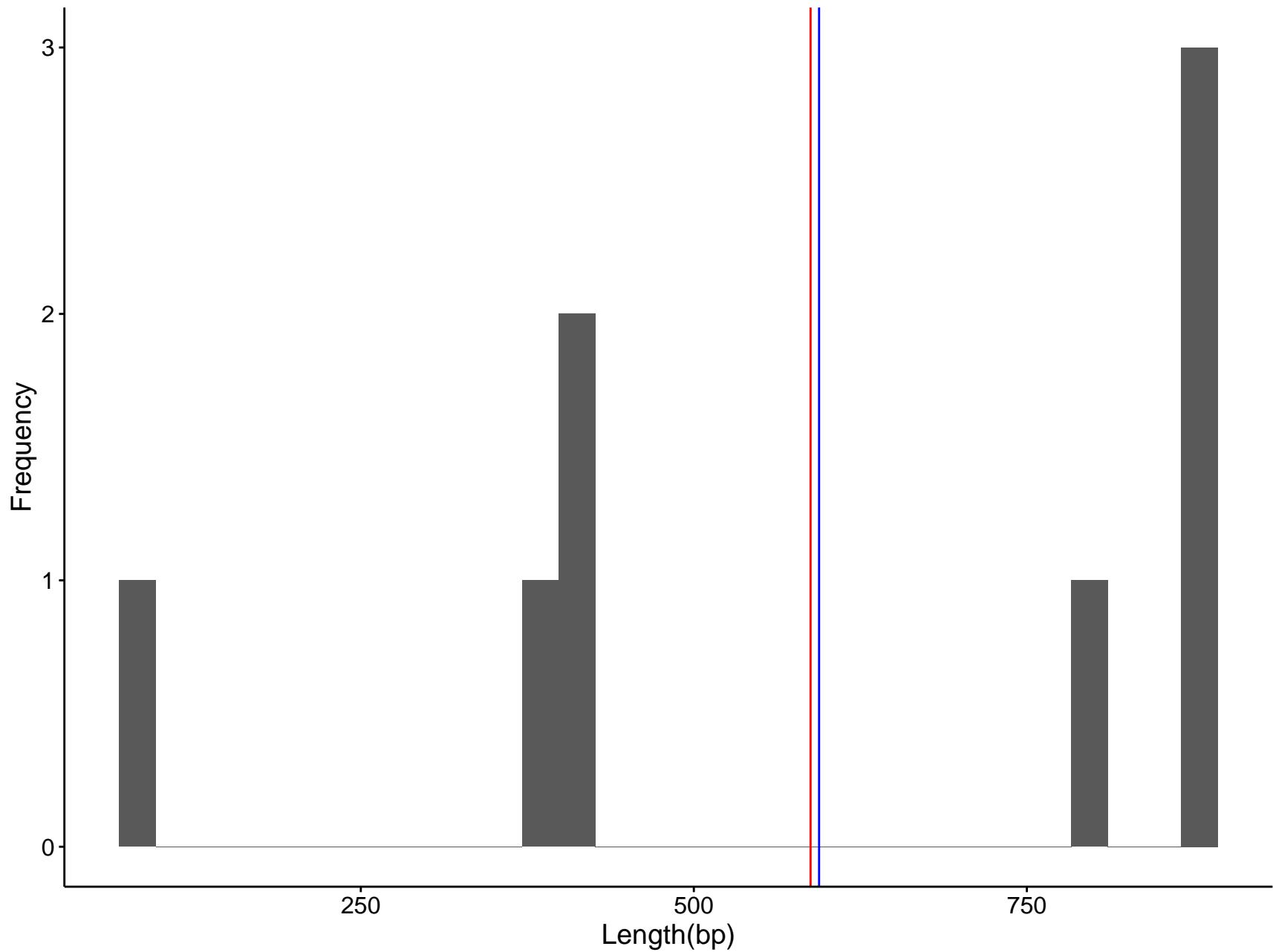
Cluster995



Cluster998



Cluster999



Cluster99

