

Quality Control

总结

- 细胞 CHO-1 去完接头后，RPF建库长度分布异常。
- 细胞 CHO-2 去完接头后，RPF建库长度分布异常。
- 植物 col-dmso 去完接头后，RPF建库长度分布正常，主峰为31nt。
- 植物 col-sl 去完接头后，RPF建库长度分布正常，主峰为31nt。
- 植物突变体 d14-dmso 去完接头后，RPF建库长度分布正常，主峰为31nt。
- 植物突变体 d14-sl 去完接头后，RPF建库长度分布正常，主峰为31nt。
- FLY-B 去完接头后，RPF建库长度分布出现双峰，主峰为28nt。
- FLY-WT 去完接头后，RPF建库长度分布出现双峰，主峰为28nt。

结论

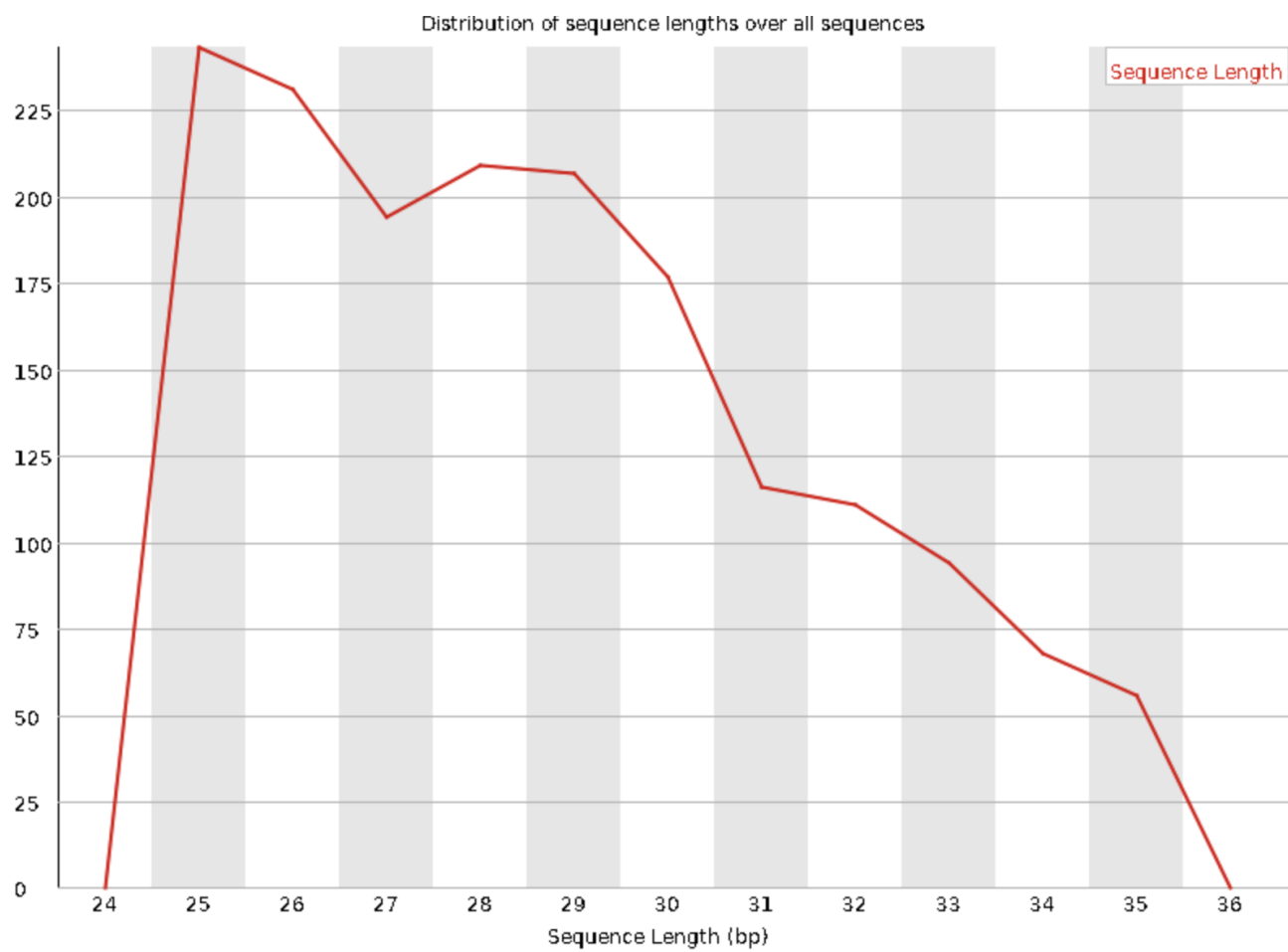
- 在同一批次下，植物建库长度分布全部正常，而细胞 CHO 长度分布异常，果蝇的眼睛的长度分布出现双峰。
- 植物的建库方法成熟，建议可以大规模测序。
- 细胞建库有问题，可能是样品的问题，建议重新提供样品建库。
- 果蝇的眼睛建库出现双峰，可能是样品的问题，建议重新提供样品建库。

CHO-1-R_FKDL202558030-1a-29

=== Summary ===

Name	Percentage
Total reads processed:	143,342
Reads with adapters:	43,952 (30.7%)
Reads that were too short:	39,459 (27.5%)
Reads that were too long:	102,177 (71.3%)
Reads written (passing filters):	1,706 (1.2%)

Read length distribution

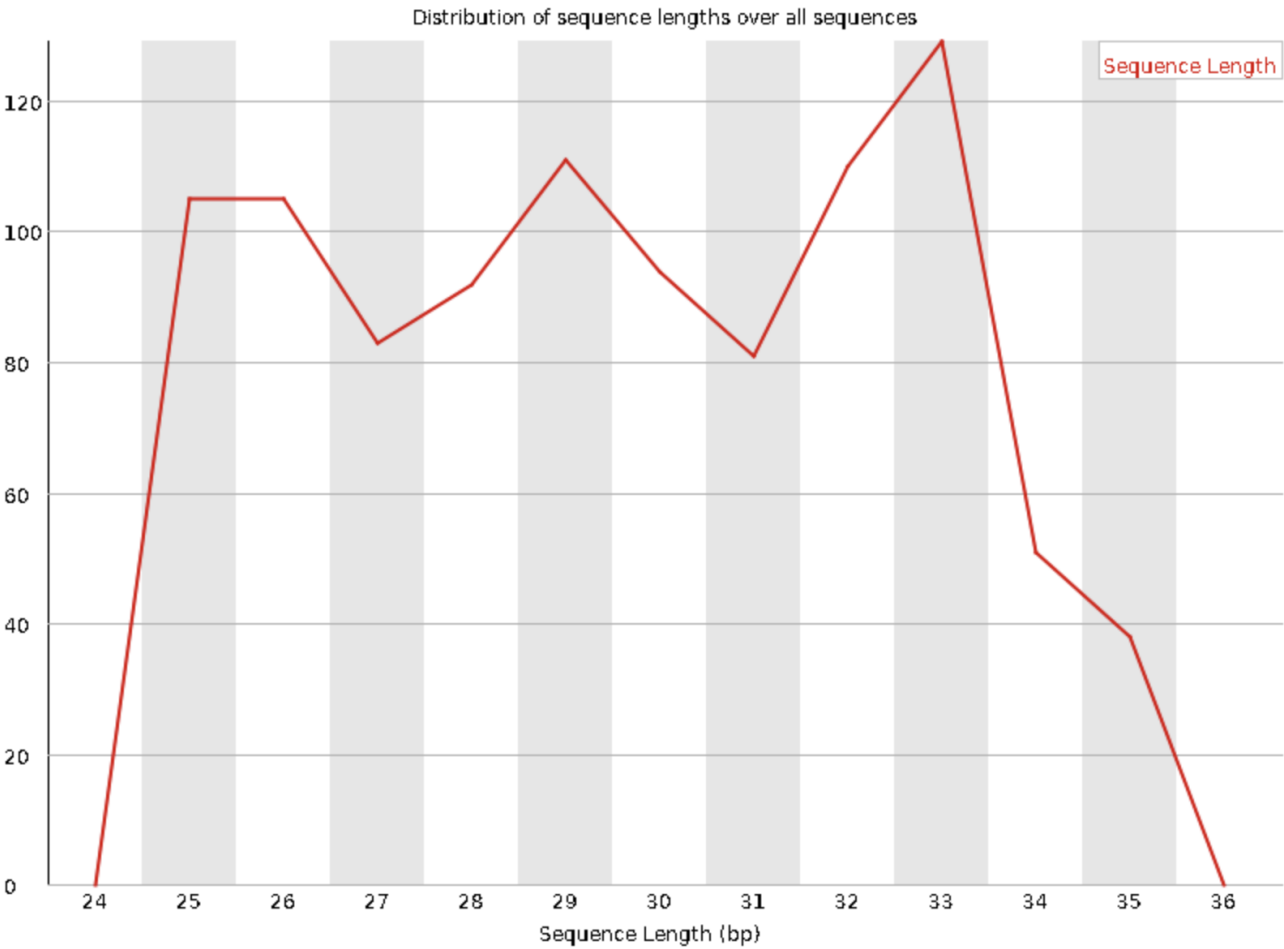


CHO-2-R_FKDL202558030-1a-30

=== Summary ===

Name	Percentage
Total reads processed:	136,314
Reads with adapters:	102,996 (75.6%)
Reads that were too short:	100,967 (74.1%)
Reads that were too long:	34,348 (25.2%)
Reads written (passing filters):	999 (0.7%)

Read length distribution

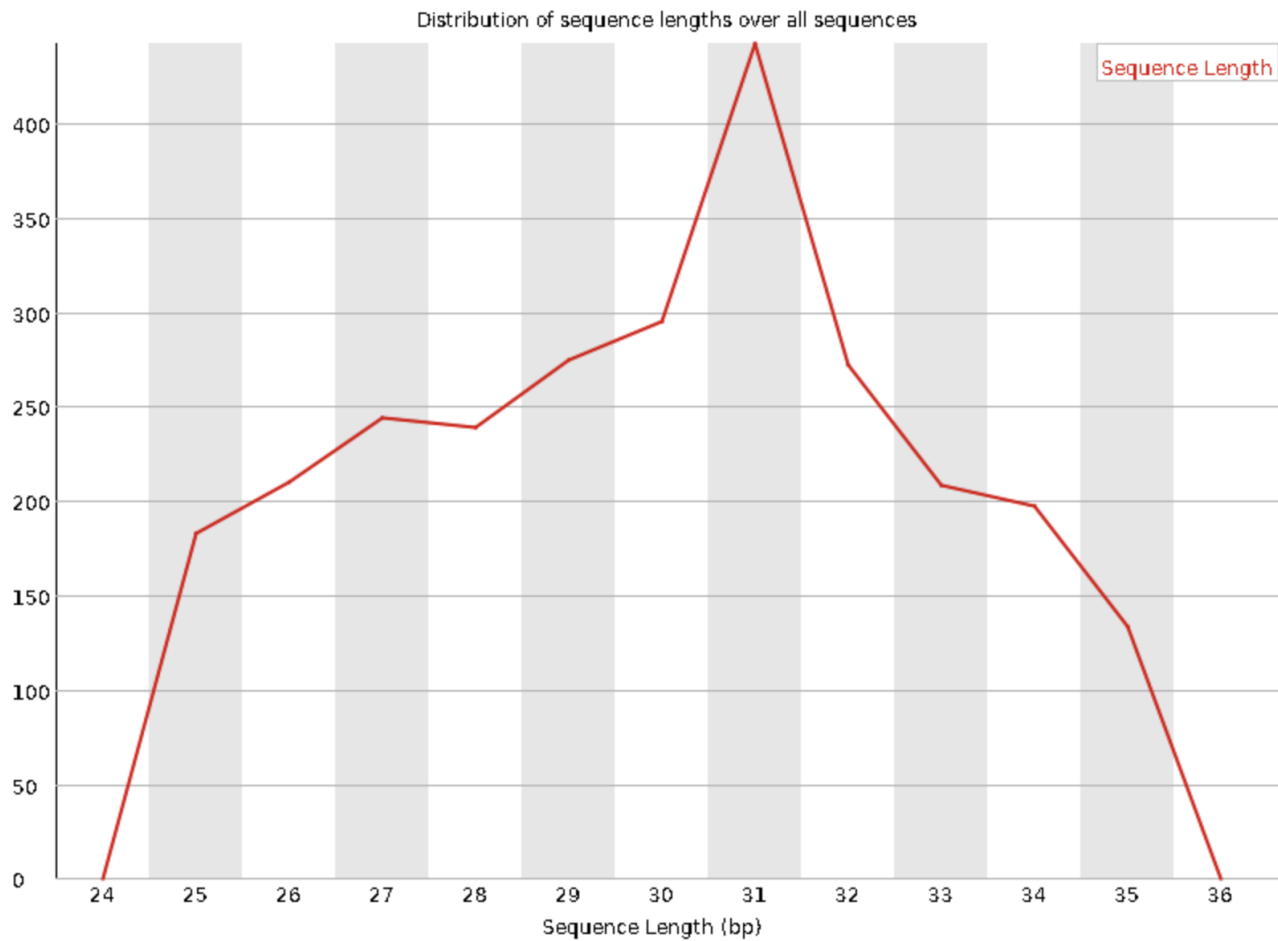


COL-O-DMSO-R_FKDL202558030-1a-33

=== Summary ===

Name	Percentage
Total reads processed:	278,740
Reads with adapters:	242,586 (87.0%)
Reads that were too short:	238,741 (85.7%)
Reads that were too long:	37,298 (13.4%)
Reads written (passing filters):	2,701 (1.0%)

Read length distribution

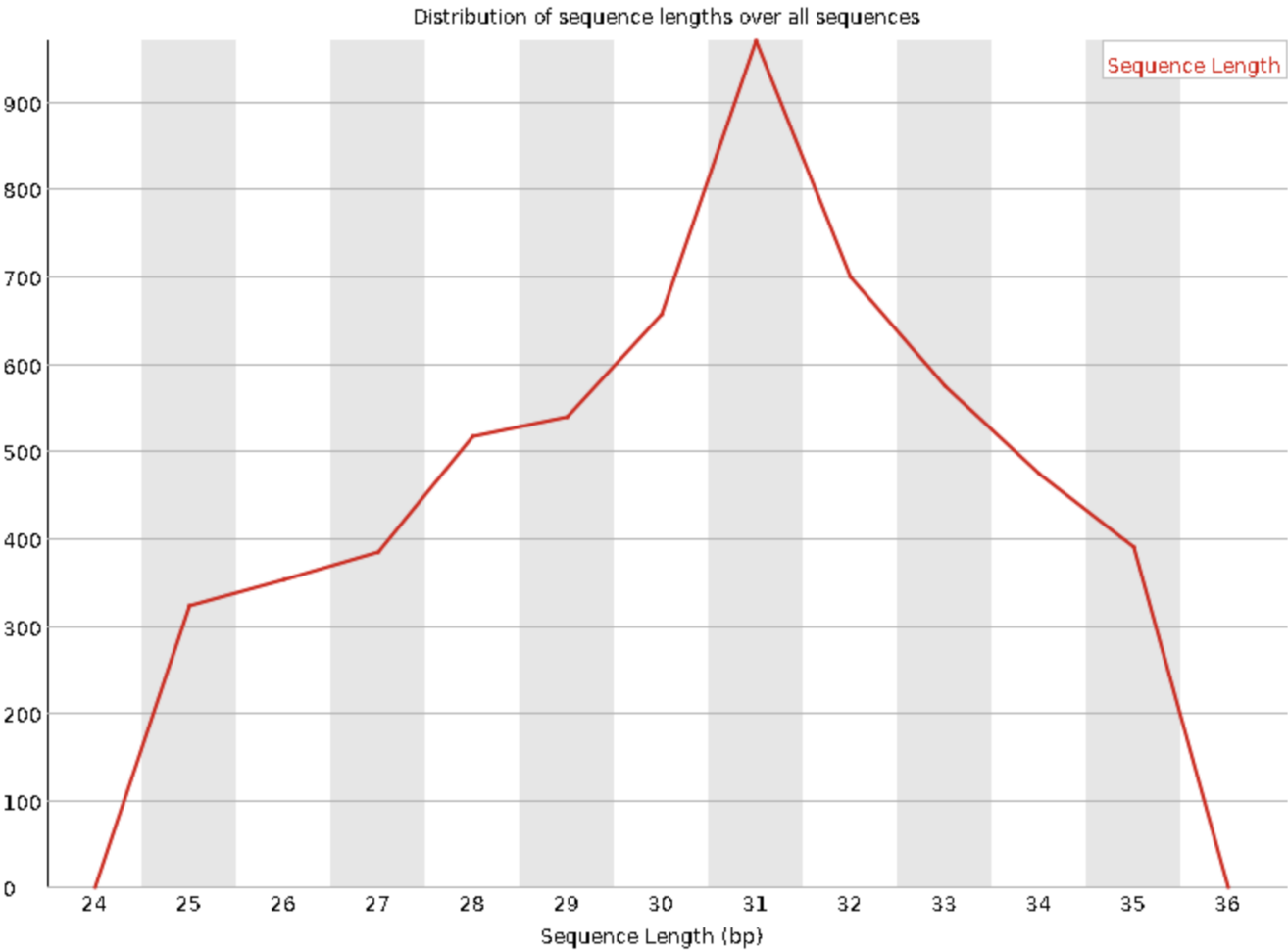


COL-O-SL-R_FKDL202558030-1a-34

=== Summary ===

Name	Percentage
Total reads processed:	238,150
Reads with adapters:	162,247 (68.1%)
Reads that were too short:	153,838 (64.6%)
Reads that were too long:	78,431 (32.9%)
Reads written (passing filters):	5,881 (2.5%)

Read length distribution

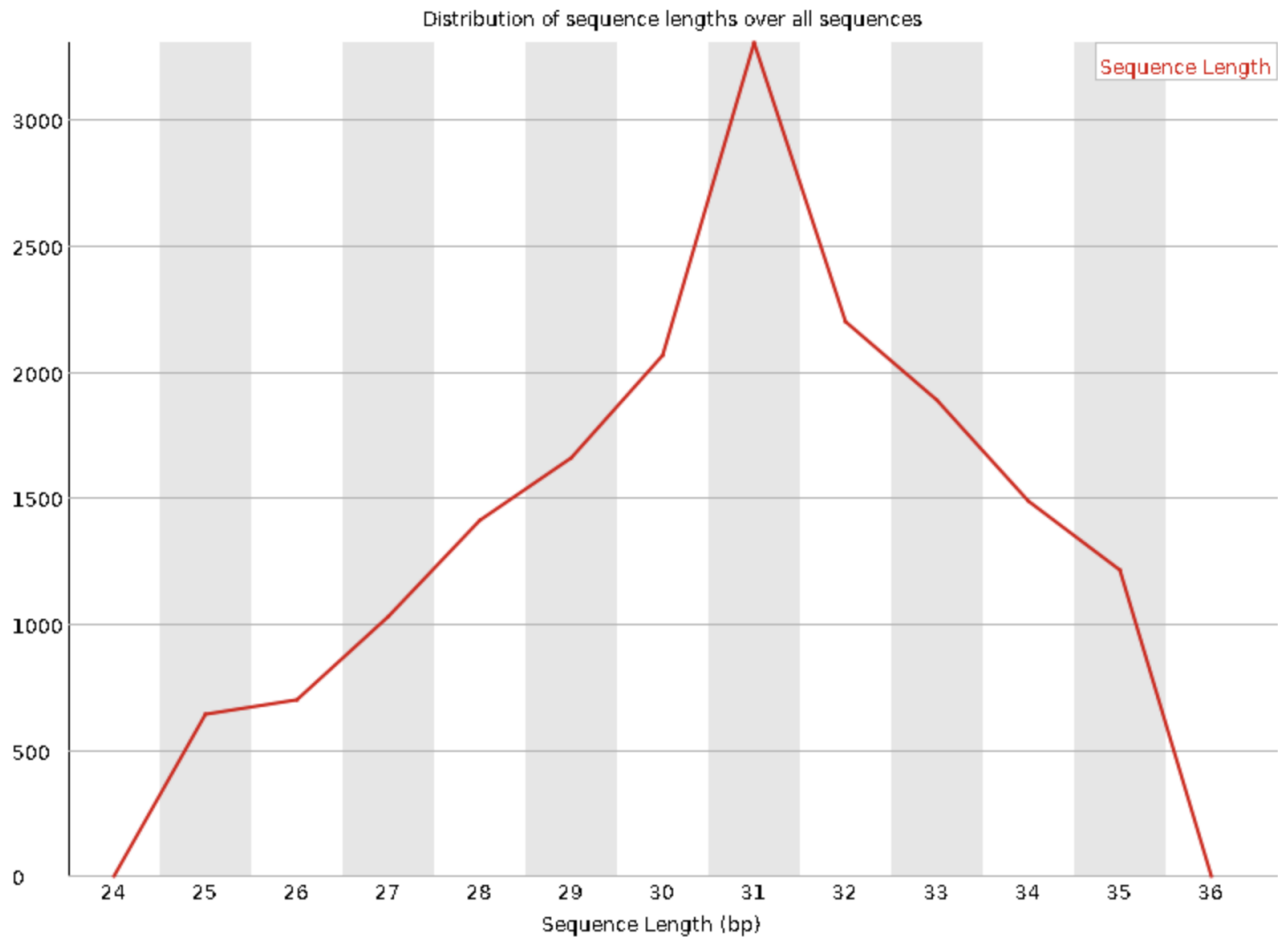


D14-DMSO-R_FKDL202558030-1a-35

=== Summary ===

Name	Percentage
Total reads processed:	337,480
Reads with adapters:	220,978 (65.5%)
Reads that were too short:	198,600 (58.8%)
Reads that were too long:	121,251 (35.9%)
Reads written (passing filters):	17,629 (5.2%)

Read length distribution

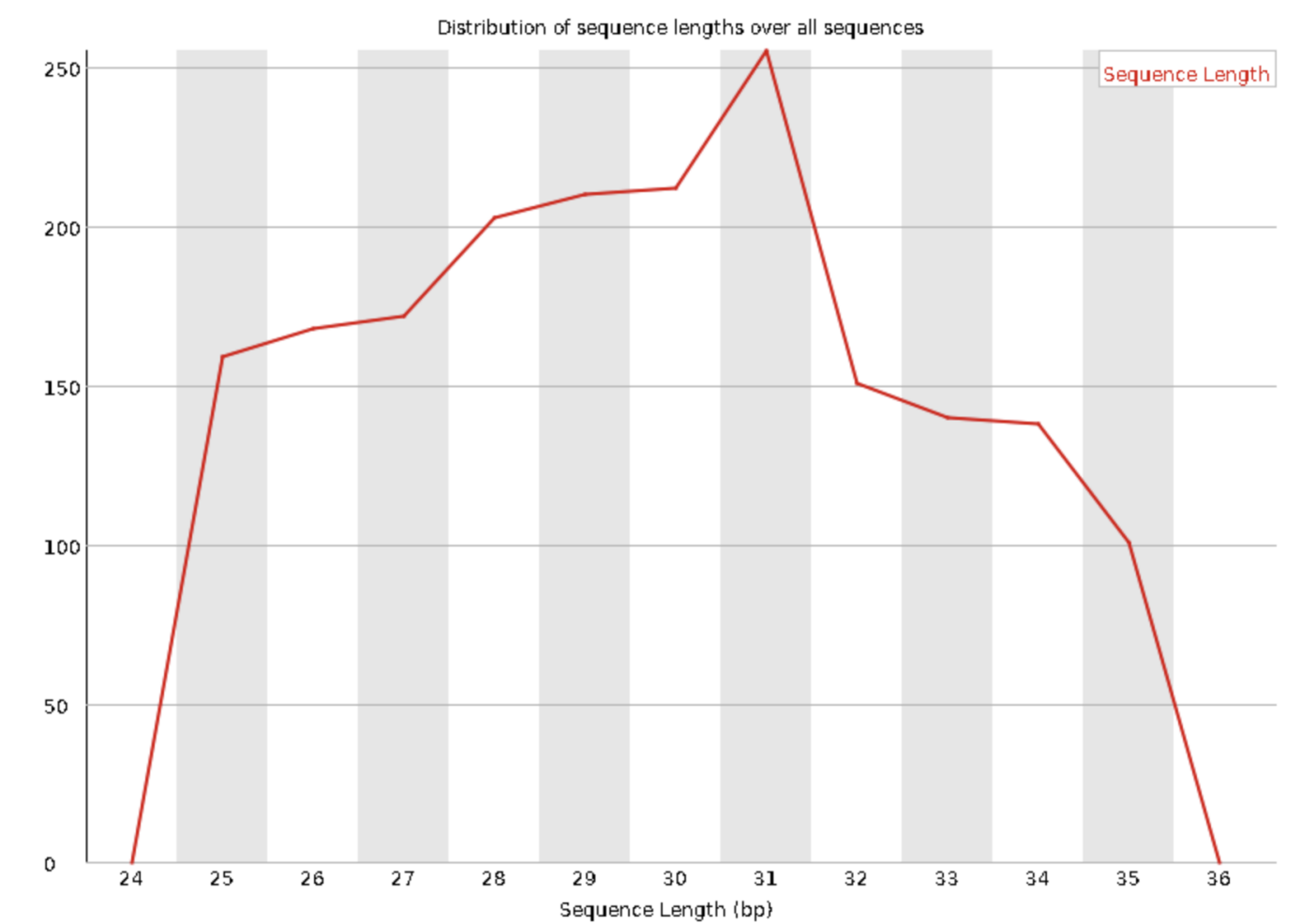


D14-SL-R_FKDL202558030-1a-36

=== Summary ===

Name	Percentage
Total reads processed:	91,677
Reads with adapters:	28,611 (31.2%)
Reads that were too short:	24,861 (27.1%)
Reads that were too long:	64,907 (70.8%)
Reads written (passing filters):	1,909 (2.1%)

Read length distribution

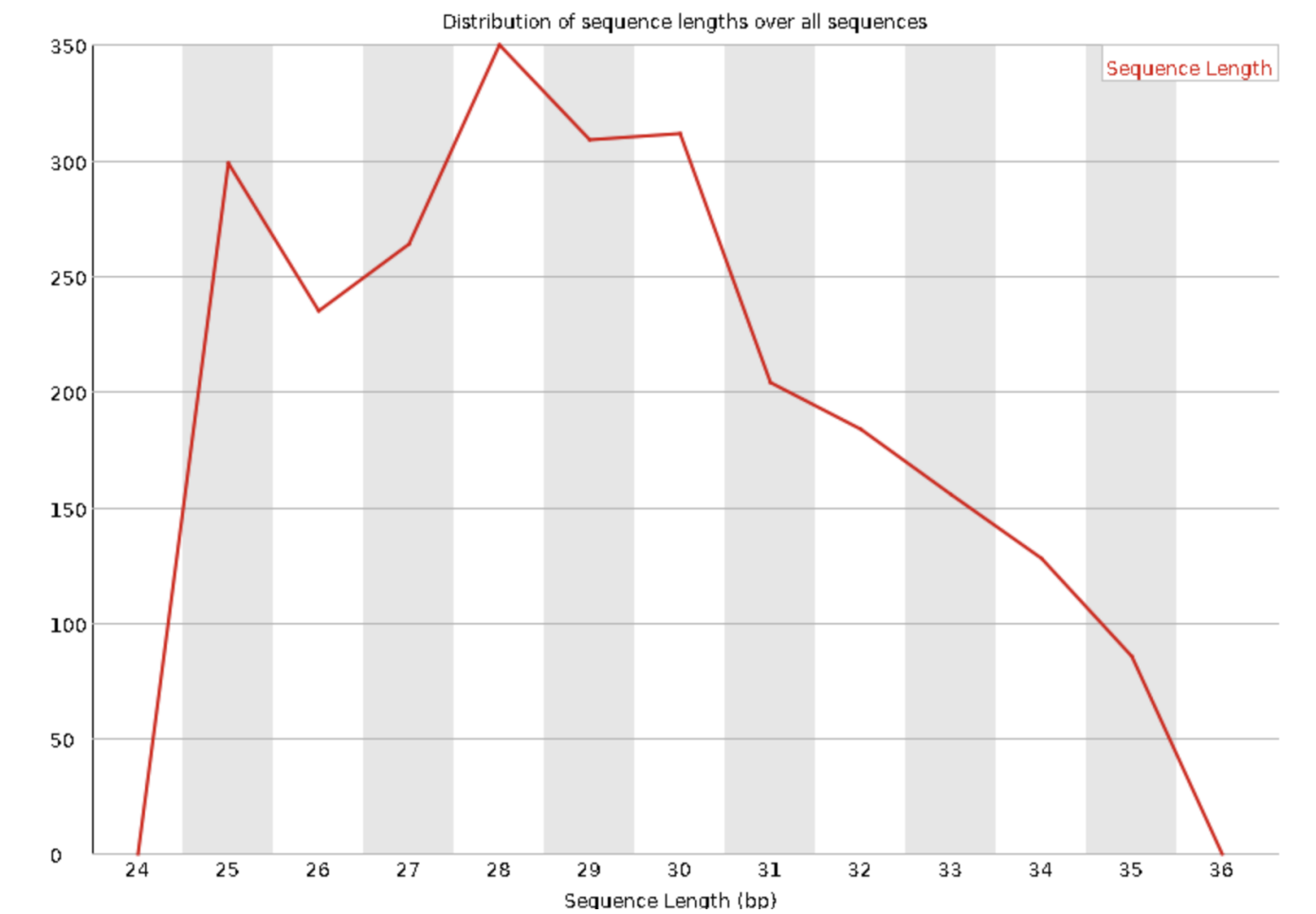


FLY-B-R_FKDL202558030-1a-31

=== Summary ===

Name	Percentage
Total reads processed:	291,994
Reads with adapters:	220,983 (75.7%)
Reads that were too short:	216,291 (74.1%)
Reads that were too long:	73,176 (25.1%)
Reads written (passing filters):	2,527 (0.9%)

Read length distribution



FLY-WT-R_FKDL202558030-1a-32

=== Summary ===

Name	Percentage
Total reads processed:	468,578
Reads with adapters:	370,766 (79.1%)
Reads that were too short:	363,265 (77.5%)
Reads that were too long:	100,948 (21.5%)
Reads written (passing filters):	4,365 (0.9%)

Read length distribution

