

A modular tool to aggregate results from bioinformatics analyses across many samples into a single report.

 $Report\ generated\ on\ 2025-09-08,\ 07:35\ PDT\ based\ on\ data\ in:\ /scratch/mdesmarais/PRT_BONCAT-FACS-SEQ/trimmed_reads/postfastqc$

General Statistics

Sample Name 9. Dups 9. Dups 9. GC M Seqs 280ATALL, \$4, L003, paired, R1 27344 40% 30.4 280ATALL, \$4, L003, paired, R2 26.4% 40% 30.4 280ATALL, \$4, L003, unpaired, R2 280ATALL, \$4, L003, unpaired, R1 280ATBON, \$5, L003, paired, R1 280ATBON, \$5, L003, paired, R1 280ATBON, \$5, L003, unpaired, R1 280ATBON, \$5, L003, unpaired, R2 280ATBON, \$5, L003, unpaired, R1 280ATBON, \$7, L003, unpaired, R1 280ATBON, \$7, L003, unpaired, R1 280BPBON, \$7, L003, unpaired, R1	♣ Copy table	Plot Showing 124/ ₁₂₄ rows and 3/ ₆ columns.		
280ATALL \$4 L003 paired R1			% GC	M Sons
280ATALL, S4 L003 _mpaired_R2 20.4% 40% 1.7 280ATALL, S4 L003 _mpaired_R2 40.4% 40% 1.7 280ATALL, S4 L003 _mpaired_R2 30.4% 50% 0.1 280ATBON_SS L003 _mpaired_R2 90.9% 40% 31.0 280ATBON_SS L003 _mpaired_R2 90.9% 40% 31.0 280ATBON_SS L003 _mpaired_R2 90.9% 40% 31.0 280ATBON_SS L003 _mpaired_R2 90.8% 40% 31.0 280ATBON_SS L003 _mpaired_R2 90.8% 40% 0.1 280ATBON_SS L003 _mpaired_R2 90.8% 41% 444 280PRALL_S6 L003 _mpaired_R2 90.8% 41% 2.0 280PRALL_S6 L003 _mpaired_R2 90.9% 38.6 90 280PRBON_S7 L003 _mpaired_R2 92.7% 51% 0.2 280PRBON_S7 L003 _mpaired_R2 92.4% 90% 38.6 280PRBON_S7 L003 _mpaired_R2 92.4% 90% 32.4 280PRBON_S7 L003 _mpaired_R2 92.4% 90% 32.4 280PRBON_S7 L003 _mpaired_R2 95.2%				
280ATALL, S4, L003, unpaired, R1 46.4% 40% 1.7 280ATALL, S4, L003, unpaired, R2 30.4% 50% 0.1 280ATBON, S5, L003, paired, R2 90.9% 31.0 31.0 280ATBON, S5, L003, unpaired, R1 70.0% 40% 31.0 280ATBON, S5, L003, unpaired, R1 70.0% 40% 1.7 280ATBON, S5, L003, unpaired, R1 91.4% 40% 0.1 280PRALL, S6, L003, paired, R2 36.8% 41% 44.4 280PRALL, S6, L003, unpaired, R1 55.6% 41% 44.4 280PRALL, S6, L003, unpaired, R1 35.6% 41% 2.0 280PRALL, S6, L003, unpaired, R1 32.4% 39% 38.6 280PRBON, S7, L003, paired, R2 32.4% 39% 38.6 280PRBON, S7, L003, unpaired, R1 61.8% 40% 1.9 280PRBON, S7, L003, unpaired, R1 61.8% 39% 32.4 280PRBON, S7, L003, unpaired, R1 61.8% 39% 32.4 280PRBON, S3, L003, paired, R1 61.8% 39% 32.4 280PRBON, S				
### 280ATALL \$4 L003 unpaired R2 280ATBON \$5 L003 paired R1 387% 38% 310 380ATBON \$5 L003 paired R2 389% 40% 310 380ATBON \$5 L003 unpaired R2 389% 40% 310 380ATBON \$5 L003 unpaired R2 384% 40% 310 380ATBON \$5 L003 unpaired R2 384% 40% 310 280ATBON \$5 L003 unpaired R2 384% 40% 310 280ATBON \$5 L003 unpaired R2 384% 40% 40% 40% 40% 41% 44.4 480ATBON \$5 L003 paired R1 44.4 480ATBON \$5 L003 paired R2 480ATBON \$6 L003 unpaired R2 480ATBON \$6 L003 unpaired R2 480ATBON \$7 L003 paired R2 480ATBON \$7 L003 unpaired R2 480ATBON \$7 L003 paired R2 480ATBON \$7 L003 paired R2 480ATBON \$7 L003 unpaired R2 480ATBON \$7 L003 paired R2 480ATBON \$80 L003 unpaired R3 480ATBON \$80 L003 unpaired R3 480ATBON \$80 L003 unpaired R3	-			
280ATBON, SE, LO03, paired, R1 90,9% 31.0 280ATBON, SE, LO03, paired, R2 90,9% 40% 31.0 280ATBON, SE, LO03, uppaired, R1 70,0% 40% 1.7 280ATBON, SE, LO03, uppaired, R1 70,0% 40% 0.1 280ATBON, SE, LO03, uppaired, R1 91,4% 49% 0.1 280ATBON, SE, LO03, paired, R1 91,4% 41% 44.4 280ATBON, SE, LO03, paired, R1 53,5% 41% 44.4 280ATBON, SE, LO03, uppaired, R2 34,7% 51% 0.2 280APRALL, SE, LO03, uppaired, R2 34,7% 51% 0.2 280APRALL, SE, LO03, uppaired, R2 34,7% 51% 0.2 280APRALD, SE, LO03, uppaired, R2 35,5% 40% 38.6 280APRALD, SE, LO03, uppaired, R1 61,5% 30% 0.2 280APRALL, SE, LO03, uppaired, R1 61,5% 30% 0.2 280APRALL, SE, LO03, uppaired, R1 21,5% 30% 0.2 280ARALL, SE, LO03, uppaired, R1 23,5% 30% 0.1 280ARALL, SE, LO03, uppaired, R				
280ATBON, SS, L003, paired, R2 90.9% 40% 17.7 280ATBON, SS, L003, unpaired, R1 70.0% 40% 17.7 280ATBON, SS, L003, unpaired, R1 70.0% 40% 17.7 280ATBON, SS, L003, unpaired, R1 91.4% 40% 17.7 280ATBON, SS, L003, paired, R1 91.4% 41% 41% 41.4 280PRALL, SS, L003, paired, R1 91.4% 11% 41.4 280PRALL, SS, L003, unpaired, R1 50.6% 41% 20 280PRALL, SS, L003, unpaired, R1 50.6% 41% 20 280PRALL, SS, L003, unpaired, R1 92.4% 39% 38.8 280PBON, ST, L003, unpaired, R1 92.4% 39% 38.8 280PBON, ST, L003, unpaired, R2 82.8% 40% 38.8 280PBON, ST, L003, unpaired, R2 81.5% 50% 0.2 280PBON, ST, L003, unpaired, R2 81.5% 50% 0.2 280PBON, ST, L003, unpaired, R2 91.5% 50% 0.2 280PBON, ST, L003, unpaired, R1 91.5% 50% 0.2 280PBON, ST, L003, unpaired, R1 91.5% 50% 0.2 280PBON, SS, L003, unpaired, R1 92.8% 50% 0.1 280PBON, SS, L003, unpaired, R1 92.8% 50% 0.1 280PBON, SS, L003, unpaired, R1 92.8% 509BBON, SS, L003, unpaired, R2 92.8% 509BBON, SS, L003, unpaired, R1 92.8% 50				
260ATBON SS L003 unpaired R1 70.0% 40% 1.7 280ATBON SS L003 unpaired R2 30.4% 40% 0.1 280PRALL S6 L003 unpaired R2 30.4% 40% 44.4 280PRALL S6 L003 unpaired R2 30.8% 41% 44.4 280PRALL S6 L003 unpaired R2 30.8% 41% 2.0 280PRALL S6 L003 unpaired R2 34.7% 51% 0.2 280PRBON ST L003 unpaired R2 34.7% 50.8% 40% 38.6 280PRBON ST L003 unpaired R2 31.5% 50% 0.2 280PRBON ST L003 unpaired R1 61.8% 40% 1.9 280PRBON ST L003 unpaired R2 31.5% 50% 0.2 280PRBON ST L003 unpaired R2 31.5% 50% 0.2 280PRBON ST L003 unpaired R2 31.5% 50% 0.2 280PRBON SS L003 unpaired R1 23.0% 40% 2.0 50PRALL S2 L003 unpaired R1 23.0% 40% 2.0 50PRBON S3 L003 unpaired R1 28.5% 50% 0.1 50PRBON S3 L003 unpaired R1 43.1% 43% 412 50PRBON S3 L003 unpaired R2 28.5% 509 53% 0.2 50PRBON S3 L003 unpaired R1 43.1% 43% 412 50PRBON S3 L003 unpaired R2 28.5% 509 53% 0.2 50PRBON S3 L003 unpaired R2 28.5% 509 53% 0.2 50PRBON S3 L003 unpaired R2 28.5% 509 53% 0.2 50PRBON S3 L003 unpaired R2 28.5% 509 53% 0.2 50PRBON S3 L003 unpaired R2 51.6% 43% 417 500ATALL S8 L003 unpaired R2 58.6% 58.6				
280ATBON, \$5, L003, unpaired, R2	-			
260PRALL SE_LOO3_paired_R1 91-4% 41% 44.4 260PRALL_SE_LOO3_paired_R2 86.8% 41% 41% 44.4 260PRALL_SE_LOO3_unpaired_R2 34.7% 51% 0.2 260PRALL_SE_LOO3_unpaired_R2 34.7% 51% 39% 38.6 260PRBON_ST_LOO3_paired_R1 92.4% 39% 38.6 260PRBON_ST_LOO3_paired_R1 92.4% 40% 38.6 260PRBON_ST_LOO3_unpaired_R2 81.5% 50% 0.2 260PRBON_ST_LOO3_unpaired_R2 31.5% 50% 0.2 260PRBON_ST_LOO3_unpaired_R1 91.2% 39% 39% 32.4 50PRALL_SE_LOO3_unpaired_R1 91.2% 39% 32.4 50PRALL_SE_LOO3_unpaired_R1 92.9% 40% 2.0 50PRALL_SE_LOO3_unpaired_R2 80.5% 50% 0.1 50PRALL_SE_LOO3_unpaired_R2 80.5% 50% 0.1 50PRBON_SS_LOO3_unpaired_R2 74.6% 43% 42% 41.2 50PRBON_SS_LOO3_unpaired_R2 74.6% 43% 2.7 50PRBON_SS_LOO3_unpaired_R1 43.1% 43.1		36.4%	49%	0.1
260PRALL_S6_L003_unpaired_R2		91.4%	41%	44.4
260PRALL S6 L003 unpaired R2		86.8%	41%	44.4
260PRBON, S7, L003, paired, R1 92.4% 39% 38.6 260PRBON, S7, L003, paired, R1 61.8% 40% 1.9 260PRBON, S7, L003, unpaired, R2 31.5% 509% 0.2 50PRALL, S2, L003, paired, R1 61.2% 39% 32.4 50PRALL, S2, L003, paired, R1 61.2% 39% 32.4 50PRALL, S2, L003, unpaired, R1 23.0% 40% 2.0 50PRALL, S2, L003, unpaired, R1 23.0% 40% 2.0 50PRBON, S3, L003, unpaired, R1 23.0% 50PRBON, S3, L003, paired, R1 23.0% 50PRBON, S3, L003, paired, R1 79.8% 42% 41.2 50PRBON, S3, L003, paired, R1 43.1% 43% 41.2 50PRBON, S3, L003, paired, R1 43.1% 43% 2.7 50PRBON, S3, L003, unpaired, R1 43.1% 43% 2.7 50PRBON, S3, L003, unpaired, R1 43.1% 43% 41.7 50PRBON, S3, L003, paired, R1 50.5% 53% 50.2 530ATALL, S8, L003, unpaired, R1 50.5% 41% 2.1 530ATALL, S8, L003, unpaired, R1 50.5% 51% 50.5% 51% 50.5 530ATBON, S9, L003, unpaired, R2 28.4% 51% 50.2 530ATBON, S9, L003, unpaired, R2 530ATBON, S9, L003, unpaired, R1 53.0% 530ATBON, S9, L003, unpaired, R2	260PRALL_S6_L003_unpaired_R1	53.6%	41%	2.0
260PRBON. \$7. L003. paired. R2 89.2% 40% 1.9 260PRBON. \$7. L003. unpaired. R1 61.8% 40% 1.9 260PRBON. \$7. L003. unpaired. R2 31.5% 50% 0.2 50PRALL. \$2. L003. paired. R2 57.4% 40% 32.4 50PRALL. \$2. L003. paired. R2 57.4% 40% 32.4 50PRALL. \$2. L003. unpaired. R1 23.0% 40% 2.0 50PRBON. \$3. L003. unpaired. R1 23.0% 52% 0.1 50PRBON. \$3. L003. paired. R1 78.8% 42% 41.2 50PRBON. \$3. L003. paired. R1 78.8% 42% 41.2 50PRBON. \$3. L003. paired. R2 74.8% 43% 41.2 50PRBON. \$3. L003. unpaired. R1 43.1% 43% 2.7 50PRBON. \$3. L003. unpaired. R1 43.1% 43% 2.7 50PRBON. \$3. L003. unpaired. R1 89.8% 41% 41.7 50ATALL. \$8. L003. unpaired. R1 89.8% 41% 41.7 530ATALL. \$8. L003. unpaired. R2 85.1% 42% 42% 41.7 530ATALL. \$8. L003. unpaired. R2 84.8% 51% 0.2 530ATBON. \$9. L003. unpaired. R1 50.5% 39% 48.2 530ATBON. \$9. L003. unpaired. R2 53.0% 39% 48.2 530ATBON. \$9. L003. unpaired. R2 53.0% 39% 48.2 530ATBON. \$9. L003. unpaired. R2 30.4% 48% 0.2 530ATBON. \$9. L003. unpaired. R1 30.4% 48% 0.2 530ATBON. \$9. L003. unpaired. R2 30.4% 48% 0.2 530ATBON. \$9. L003. unpaired. R1 30.4% 49% 0.2 530ATBON. \$9. L003. unpaired. R1 30.4% 50.4%	260PRALL_S6_L003_unpaired_R2	34.7%	51%	0.2
260PRBON_S7_L003_unpaired_R1	260PRBON_S7_L003_paired_R1	92.4%	39%	38.6
260PRBON S7_L003 unpaired_R2 31.5% 50% 0.2 50PRALL_S2_L003 paired_R2 57.4% 40% 32.4 50PRALL_S2_L003_unpaired_R2 57.4% 40% 32.4 50PRALL_S2_L003_unpaired_R1 23.0% 40% 2.0 50PRALL_S2_L003_unpaired_R2 26.5% 52% 0.1 50PRBON_S3_L003_paired_R2 74.6% 42% 41.2 50PRBON_S3_L003_paired_R2 74.6% 43% 2.7 50PRBON_S3_L003_unpaired_R1 43.1% 43% 2.7 50PRBON_S3_L003_unpaired_R2 29.8% 53% 0.2 530ATALL_S8_L003_paired_R1 89.8% 41% 41.7 530ATALL_S8_L003_unpaired_R2 85.1% 50.5% 41% 2.1 530ATALL_S8_L003_unpaired_R2 85.4% 51% 0.2 530ATBON_S9_L003_unpaired_R1 56.6% 39% 48.2 530ATBON_S9_L003_paired_R1 56.6% 39% 48.2 530ATBON_S9_L003_unpaired_R1 20.2% 40% 2.4 530ATBON_S9_L003_unpaired_R2 30.4% 48% 0.2 530ATBON_S9_L003_unpaired_R1 30.9% 48% 0.2 530ATBON_S9_L003_unpaired_R2 30.9% 48% 0.2 530ATBON_S9_L003_unpaired_R1 30.9% 48% 0.2 530ATBON_S9_L003_unpaired_R2 30.9% 48% 0.2 530ATBON_S9_L003_unpaired_R2 27.4% 59% 41% 39.7 530PR1ALL_S1_L003_unpaired_R2 27.4% 59% 40% 0.2 530PR1ALL_S1_L003_unpaired_R2 27.4% 59% 60.8	260PRBON_S7_L003_paired_R2	88.2%	40%	38.6
50PRALL S2 L003 paired R1 61.2% 39% 32.4 50PRALL S2 L003 paired R2 57.4% 40% 32.4 50PRALL S2 L003 unpaired R1 23.0% 40% 2.0 50PRALL S2 L003 unpaired R2 26.5% 52% 0.1 50PRBON S3 L003 paired R1 79.8% 42% 41.2 50PRBON S3 L003 paired R2 74.6% 43% 41.2 50PRBON S3 L003 unpaired R1 43.1% 43% 2.7 50PRBON S3 L003 unpaired R2 29.8% 53% 0.2 530ATALL S8 L003 paired R1 89.8% 41% 41.7 530ATALL S8 L003 paired R1 50.5% 41% 2.1 530ATALL S8 L003 unpaired R1 50.5% 41% 0.2 530ATBON S9 L003 paired R2 28.4% 51% 0.2 530ATBON S9 L003 paired R1 56.8% 38% 48.2 530ATBON S9 L003 paired R2 53.0% 39% 48.2 530ATBON S9 L003 unpaired R1 20.2% 40% 2.4 530ATBON S9 L003 unpaired R2 30.4% 48% 0.2 530PRIALL S10 L003 unpaired R2 9.3% 41% <	260PRBON_S7_L003_unpaired_R1	61.8%	40%	1.9
50PRALL_S2_L003_paired_R2 57.4% 40% 32.4 50PRALL_S2_L003_unpaired_R1 23.0% 40% 2.0 50PRALL_S2_L003_unpaired_R2 26.5% 52% 0.1 50PRBON_S3_L003_paired_R1 79.8% 42% 41.2 50PRBON_S3_L003_paired_R2 74.6% 43% 41.2 50PRBON_S3_L003_unpaired_R1 43.1% 43% 2.7 50PRBON_S3_L003_unpaired_R2 29.8% 53% 0.2 530ATALL_S8_L003_paired_R1 89.8% 41% 41.7 530ATALL_S8_L003_paired_R2 85.1% 42% 41.7 530ATALL_S8_L003_unpaired_R1 50.5% 41% 2.1 530ATBON_S9_L003_paired_R1 56.6% 38% 48.2 530ATBON_S9_L003_paired_R2 53.0% 39% 48.2 530ATBON_S9_L003_unpaired_R2 53.0% 39% 48.2 530ATBON_S9_L003_unpaired_R2 30.4% 48% 0.2 530ATBON_S9_L003_unpaired_R2 30.4% 48% 0.2 530ATBON_S9_L003_unpaired_R2 30.4% 48% 0.2 530ATBON_S9_L003_unpaired_R2 30.4% 48%	260PRBON_S7_L003_unpaired_R2	31.5%	50%	0.2
50PRALL_S2_L003_unpaired_R1 23.0% 40% 2.0 50PRALL_S2_L003_unpaired_R2 26.5% 52% 0.1 50PRBON_S3_L003_paired_R1 79.8% 42% 41.2 50PRBON_S3_L003_paired_R2 74.6% 43% 41.2 50PRBON_S3_L003_unpaired_R2 43.1% 43% 2.7 50PRBON_S3_L003_unpaired_R2 29.8% 53% 0.2 50PRBON_S3_L003_paired_R1 89.8% 41% 41.7 500ATALL_S8_L003_paired_R1 85.1% 42% 41.7 530ATALL_S8_L003_unpaired_R1 50.5% 41% 2.1 530ATALL_S8_L003_unpaired_R1 56.6% 38% 48.2 530ATBON_S9_L003_unpaired_R1 56.6% 38% 48.2 530ATBON_S9_L003_unpaired_R2 50.0% 39% 48.2 530ATBON_S9_L003_unpaired_R1 20.2% 40% 2.4 530ATBON_S9_L003_unpaired_R2 30.4% 48% 0.2 530PR1ALL_S10_L003_unpaired_R1 73.7% 41% 39.7 530PR1ALL_S10_L003_unpaired_R2 69.3% 41% 2.1 530PR1ALL_S10_L003_unpaired_R2 27.4% <td< th=""><th>50PRALL_S2_L003_paired_R1</th><th>61.2%</th><th>39%</th><th>32.4</th></td<>	50PRALL_S2_L003_paired_R1	61.2%	39%	32.4
50PRALL_S2_L003_unpaired_R2	50PRALL_S2_L003_paired_R2	57.4%	40%	32.4
50PRBON_S3_L003_paired_R1 79.8% 42% 41.2 50PRBON_S3_L003_paired_R2 74.8% 43% 41.2 50PRBON_S3_L003_unpaired_R1 43.1% 43% 2.7 50PRBON_S3_L003_unpaired_R2 29.8% 53% 0.2 530ATALL_S8_L003_paired_R2 85.1% 41% 41.7 530ATALL_S8_L003_unpaired_R2 85.1% 42% 41.7 530ATALL_S8_L003_unpaired_R1 50.5% 41% 2.1 530ATBON_S9_L003_paired_R2 28.4% 51% 0.2 530ATBON_S9_L003_paired_R1 56.6% 38% 48.2 530ATBON_S9_L003_paired_R2 53.0% 39% 48.2 530ATBON_S9_L003_unpaired_R1 20.2% 40% 2.4 530ATBON_S9_L003_unpaired_R2 30.4% 48% 0.2 530PR1ALL_S10_L003_paired_R2 30.4% 49% 0.2 530PR1ALL_S10_L003_paired_R2 69.3% 41% 39.7 530PR1ALL_S10_L003_unpaired_R2 7.4% 42% 2.1 530PR1ALL_S10_L003_unpaired_R2 27.4% 51% 0.2 530PR1ALL_S10_L003_paired_R2 7.4% 51% </th <th>50PRALL_S2_L003_unpaired_R1</th> <th>23.0%</th> <th>40%</th> <th>2.0</th>	50PRALL_S2_L003_unpaired_R1	23.0%	40%	2.0
50PRBON_S3_L003_paired_R2	50PRALL_S2_L003_unpaired_R2	26.5%	52%	0.1
50PRBON_S3_L003_unpaired_R1 43.1% 43% 2.7 50PRBON_S3_L003_unpaired_R2 29.8% 53% 0.2 530ATALL_S8_L003_paired_R1 89.8% 41% 41.7 530ATALL_S8_L003_paired_R2 85.1% 42% 41.7 530ATALL_S8_L003_unpaired_R1 50.5% 41% 2.1 530ATBLL_S8_L003_unpaired_R2 28.4% 51% 0.2 530ATBON_S9_L003_paired_R1 56.6% 38% 48.2 530ATBON_S9_L003_paired_R2 53.0% 39% 48.2 530ATBON_S9_L003_unpaired_R1 20.2% 40% 2.4 530ATBON_S9_L003_unpaired_R2 30.4% 48% 0.2 530PRIALL_S10_L003_unpaired_R2 30.4% 41% 39.7 530PRIALL_S10_L003_unpaired_R2 69.3% 41% 39.7 530PRIALL_S10_L003_unpaired_R1 34.2% 42% 2.1 530PRIBON_S11_L003_unpaired_R2 27.4% 51% 0.2 530PRIBON_S11_L003_paired_R1 78.7% 40% 60.8	50PRBON_S3_L003_paired_R1	79.8%	42%	41.2
50PRBON_S3_L003_unpaired_R2 29.8% 53% 0.2 530ATALL_S8_L003_paired_R1 89.8% 41% 41.7 530ATALL_S8_L003_paired_R2 85.1% 42% 41.7 530ATALL_S8_L003_unpaired_R1 50.5% 41% 2.1 530ATBLL_S8_L003_unpaired_R2 28.4% 51% 0.2 530ATBON_S9_L003_paired_R1 56.6% 38% 48.2 530ATBON_S9_L003_paired_R2 53.0% 39% 48.2 530ATBON_S9_L003_unpaired_R1 20.2% 40% 2.4 530ATBON_S9_L003_unpaired_R2 30.4% 48% 0.2 530PRIALL_S10_L003_unpaired_R1 73.7% 41% 39.7 530PRIALL_S10_L003_unpaired_R1 34.2% 42% 2.1 530PRIALL_S10_L003_unpaired_R2 27.4% 51% 0.2 530PRIBON_S11_L003_paired_R1 78.7% 40% 60.8	50PRBON_S3_L003_paired_R2	74.6%	43%	41.2
530ATALL_S8_L003_paired_R1	50PRBON_S3_L003_unpaired_R1	43.1%	43%	2.7
530ATALL_S8_L003_paired_R2 85.1% 42% 41.7 530ATALL_S8_L003_unpaired_R1 50.5% 41% 2.1 530ATALL_S8_L003_unpaired_R2 28.4% 51% 0.2 530ATBON_S9_L003_paired_R1 56.6% 38% 48.2 530ATBON_S9_L003_paired_R2 53.0% 39% 48.2 530ATBON_S9_L003_unpaired_R1 20.2% 40% 2.4 530ATBON_S9_L003_unpaired_R2 30.4% 48% 0.2 530PR1ALL_S10_L003_paired_R1 73.7% 41% 39.7 530PR1ALL_S10_L003_paired_R2 69.3% 41% 39.7 530PR1ALL_S10_L003_unpaired_R1 34.2% 42% 2.1 530PR1ALL_S10_L003_unpaired_R2 27.4% 51% 0.2 530PR1BON_S11_L003_paired_R1 78.7% 40% 60.8	50PRBON_S3_L003_unpaired_R2	29.8%	53%	0.2
530ATALL_S8_L003_unpaired_R1 50.5% 41% 2.1 530ATALL_S8_L003_unpaired_R2 28.4% 51% 0.2 530ATBON_S9_L003_paired_R1 56.6% 38% 48.2 530ATBON_S9_L003_paired_R2 53.0% 39% 48.2 530ATBON_S9_L003_unpaired_R1 20.2% 40% 2.4 530ATBON_S9_L003_unpaired_R2 30.4% 48% 0.2 530PR1ALL_S10_L003_paired_R1 73.7% 41% 39.7 530PR1ALL_S10_L003_paired_R2 69.3% 41% 39.7 530PR1ALL_S10_L003_unpaired_R1 34.2% 42% 2.1 530PR1ALL_S10_L003_unpaired_R2 27.4% 51% 0.2 530PR1BON_S11_L003_paired_R1 78.7% 40% 60.8	530ATALL_S8_L003_paired_R1	89.8%	41%	41.7
530ATALL_S8_L003_unpaired_R2 28.4% 51% 0.2 530ATBON_S9_L003_paired_R1 56.6% 38% 48.2 530ATBON_S9_L003_paired_R2 53.0% 39% 48.2 530ATBON_S9_L003_unpaired_R1 20.2% 40% 2.4 530ATBON_S9_L003_unpaired_R2 30.4% 48% 0.2 530PR1ALL_S10_L003_paired_R1 73.7% 41% 39.7 530PR1ALL_S10_L003_paired_R2 69.3% 41% 39.7 530PR1ALL_S10_L003_unpaired_R1 34.2% 42% 2.1 530PR1ALL_S10_L003_unpaired_R2 27.4% 51% 0.2 530PR1BON_S11_L003_paired_R1 78.7% 40% 60.8	530ATALL_S8_L003_paired_R2	85.1%	42%	41.7
530ATBON_S9_L003_paired_R1 56.6% 38% 48.2 530ATBON_S9_L003_paired_R2 53.0% 39% 48.2 530ATBON_S9_L003_unpaired_R1 20.2% 40% 2.4 530ATBON_S9_L003_unpaired_R2 30.4% 48% 0.2 530PR1ALL_S10_L003_paired_R1 73.7% 41% 39.7 530PR1ALL_S10_L003_paired_R2 69.3% 41% 39.7 530PR1ALL_S10_L003_unpaired_R1 34.2% 42% 2.1 530PR1ALL_S10_L003_unpaired_R2 27.4% 51% 0.2 530PR1BON_S11_L003_paired_R1 78.7% 40% 60.8	530ATALL_S8_L003_unpaired_R1	50.5%	41%	2.1
530ATBON_S9_L003_paired_R2 53.0% 39% 48.2 530ATBON_S9_L003_unpaired_R1 20.2% 40% 2.4 530ATBON_S9_L003_unpaired_R2 30.4% 48% 0.2 530PR1ALL_S10_L003_paired_R1 73.7% 41% 39.7 530PR1ALL_S10_L003_paired_R2 69.3% 41% 39.7 530PR1ALL_S10_L003_unpaired_R1 34.2% 42% 2.1 530PR1ALL_S10_L003_unpaired_R2 27.4% 51% 0.2 530PR1BON_S11_L003_paired_R1 78.7% 40% 60.8	530ATALL_S8_L003_unpaired_R2	28.4%	51%	0.2
530ATBON_S9_L003_unpaired_R1 20.2% 40% 2.4 530ATBON_S9_L003_unpaired_R2 30.4% 48% 0.2 530PR1ALL_S10_L003_paired_R1 73.7% 41% 39.7 530PR1ALL_S10_L003_paired_R2 69.3% 41% 39.7 530PR1ALL_S10_L003_unpaired_R1 34.2% 42% 2.1 530PR1ALL_S10_L003_unpaired_R2 27.4% 51% 0.2 530PR1BON_S11_L003_paired_R1 78.7% 40% 60.8	530ATBON_S9_L003_paired_R1	56.6%	38%	48.2
530ATBON_S9_L003_unpaired_R2 30.4% 48% 0.2 530PR1ALL_S10_L003_paired_R1 73.7% 41% 39.7 530PR1ALL_S10_L003_paired_R2 69.3% 41% 39.7 530PR1ALL_S10_L003_unpaired_R1 34.2% 42% 2.1 530PR1ALL_S10_L003_unpaired_R2 27.4% 51% 0.2 530PR1BON_S11_L003_paired_R1 78.7% 40% 60.8	530ATBON_S9_L003_paired_R2	53.0%	39%	48.2
530PR1ALL_S10_L003_paired_R1 73.7% 41% 39.7 530PR1ALL_S10_L003_paired_R2 69.3% 41% 39.7 530PR1ALL_S10_L003_unpaired_R1 34.2% 42% 2.1 530PR1ALL_S10_L003_unpaired_R2 27.4% 51% 0.2 530PR1BON_S11_L003_paired_R1 78.7% 40% 60.8	530ATBON_S9_L003_unpaired_R1	20.2%	40%	2.4
530PR1ALL_S10_L003_paired_R2 69.3% 41% 39.7 530PR1ALL_S10_L003_unpaired_R1 34.2% 42% 2.1 530PR1ALL_S10_L003_unpaired_R2 27.4% 51% 0.2 530PR1BON_S11_L003_paired_R1 78.7% 40% 60.8	530ATBON_S9_L003_unpaired_R2	30.4%	48%	0.2
530PR1ALL_S10_L003_unpaired_R1 34.2% 42% 2.1 530PR1ALL_S10_L003_unpaired_R2 27.4% 51% 0.2 530PR1BON_S11_L003_paired_R1 78.7% 40% 60.8	530PR1ALL_S10_L003_paired_R1	73.7%	41%	39.7
530PR1ALL_S10_L003_unpaired_R2 27.4% 51% 0.2 530PR1BON_S11_L003_paired_R1 78.7% 40% 60.8	530PR1ALL_S10_L003_paired_R2	69.3%	41%	39.7
530PR1BON_S11_L003_paired_R1	530PR1ALL_S10_L003_unpaired_R1	34.2%	42%	2.1
	530PR1ALL_S10_L003_unpaired_R2	27.4%	51%	0.2
530PR1BON_S11_L003_paired_R2	530PR1BON_S11_L003_paired_R1	78.7%	40%	60.8
	530PR1BON_S11_L003_paired_R2	72.8%	41%	60.8

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Sample Name	% Dups	% GC	M Seqs
530PR1BON_S11_L003_unpaired_R1	39.8%	41%	3.5
530PR1BON_S11_L003_unpaired_R2	35.1%	52%	0.2
540AT1ALL_S12_L003_paired_R1	94.3%	42%	42.5
540AT1ALL_S12_L003_paired_R2	91.3%	43%	42.5
540AT1ALL_S12_L003_unpaired_R1	70.1%	41%	2.2
540AT1ALL_S12_L003_unpaired_R2	38.8%	52%	0.2
540AT1BON_S13_L003_paired_R1	93.7%	39%	49.4
540AT1BON_S13_L003_paired_R2	89.5%	39%	49.4
540AT1BON_S13_L003_unpaired_R1	69.6%	39%	2.9
540AT1BON_S13_L003_unpaired_R2	37.3%	52%	0.2
540AT2ALL_S14_L003_paired_R1	89.9%	39%	43.1
540AT2ALL_S14_L003_paired_R2	84.8%	40%	43.1
540AT2ALL_S14_L003_unpaired_R1	55.1%	40%	2.8
540AT2ALL_S14_L003_unpaired_R2	30.5%	51%	0.2
540AT2BON S15 L003 paired R1	74.6%	36%	43.9
540AT2BON_S15_L003_paired_R2	70.0%	37%	43.9
540AT2BON_S15_L003_unpaired_R1	30.3%	37%	2.5
540AT2BON_S15_L003_unpaired_R2	30.7%	49%	0.2
540PR1ALL_S16_L003_paired_R1	89.3%	40%	33.5
540PR1ALL_S16_L003_paired_R2	84.1%	41%	33.5
540PR1ALL_S16_L003_unpaired_R1	52.5%	41%	2.1
540PR1ALL_S16_L003_unpaired_R2	31.1%	53%	0.1
540PR1BON_S17_L003_paired_R1	86.8%	41%	44.5
540PR1BON_S17_L003_paired_R2	81.8%	41%	44.5
540PR1BON_S17_L003_unpaired_R1	44.5%	42%	2.1
540PR1BON_S17_L003_unpaired_R2	24.6%	50%	0.1
540PR2ALL_S18_L003_paired_R1	83.0%	44%	58.7
540PR2ALL_S18_L003_paired_R2	77.1%	45%	58.7
540PR2ALL_S18_L003_unpaired_R1	37.1%	46%	2.5
540PR2ALL_S18_L003_unpaired_R2	26.1%	52%	0.2
540PR2BON_S19_L003_paired_R1	79.7%	42%	53.1
540PR2BON_S19_L003_paired_R2	74.3%	43%	53.1
540PR2BON_S19_L003_unpaired_R1	38.6%	43%	2.8
540PR2BON_S19_L003_unpaired_R2	35.1%	52%	0.2
830AT1ALL_S20_L003_paired_R1	93.1%	42%	52.5
830AT1ALL_S20_L003_paired_R2	88.5%	42%	52.5
830AT1ALL_S20_L003_unpaired_R1	58.5%	42%	2.1
830AT1ALL_S20_L003_unpaired_R2	35.2%	49%	0.2
830AT1BON_S21_L003_paired_R1	87.0%	39%	49.4
830AT1BON_S21_L003_paired_R2	81.9%	40%	49.4
830AT1BON_S21_L003_unpaired_R1	43.4%	40%	2.3
830AT1BON_S21_L003_unpaired_R2	31.9%	49%	0.2
830AT2ALL_S22_L003_paired_R1	91.5%	40%	46.6
830AT2ALL_S22_L003_paired_R2	85.9%	40%	46.6
830AT2ALL_S22_L003_unpaired_R1	56.7%	40%	2.3
830AT2ALL_S22_L003_unpaired_R2	32.9%	51%	0.2
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Sample Name	% Dups	% GC	M Seqs
830AT2BON_S23_L003_paired_R1	91.4%	41%	49.1
830AT2BON_S23_L003_paired_R2	86.0%	41%	49.1
830AT2BON_S23_L003_unpaired_R1	51.0%	41%	2.0
830AT2BON_S23_L003_unpaired_R2	30.1%	51%	0.2
830AT3ALL_S24_L003_paired_R1	82.7%	41%	48.1
830AT3ALL_S24_L003_paired_R2	77.0%	41%	48.1
830AT3ALL_S24_L003_unpaired_R1	32.0%	41%	2.1
830AT3ALL_S24_L003_unpaired_R2	21.2%	49%	0.1
830AT3BON_S25_L003_paired_R1	63.8%	40%	54.0
830AT3BON_S25_L003_paired_R2	59.6%	41%	54.0
830AT3BON_S25_L003_unpaired_R1	28.0%	42%	2.3
830AT3BON_S25_L003_unpaired_R2	32.6%	49%	0.2
830PR1ALL_S26_L003_paired_R1	91.6%	41%	48.4
830PR1ALL_S26_L003_paired_R2	86.3%	42%	48.4
830PR1ALL_S26_L003_unpaired_R1	57.8%	41%	2.7
830PR1ALL_S26_L003_unpaired_R2	38.5%	53%	0.2
830PR1BON_S27_L003_paired_R1	91.4%	40%	38.8
830PR1BON_S27_L003_paired_R2	87.9%	40%	38.8
830PR1BON_S27_L003_unpaired_R1	58.2%	40%	2.2
830PR1BON_S27_L003_unpaired_R2	40.9%	52%	0.2
830PR2ALL_S28_L003_paired_R1	91.4%	40%	50.3
830PR2ALL_S28_L003_paired_R2	86.1%	40%	50.3
830PR2ALL_S28_L003_unpaired_R1	55.7%	40%	2.6
830PR2ALL_S28_L003_unpaired_R2	32.4%	51%	0.2
830PR2BON_S29_L003_paired_R1	88.8%	40%	51.6
830PR2BON_S29_L003_paired_R2	83.6%	41%	51.6
830PR2BON_S29_L003_unpaired_R1	52.5%	41%	2.6
830PR2BON_S29_L003_unpaired_R2	36.2%	50%	0.2
830PR3ALL_S30_L003_paired_R1	78.8%	37%	47.2
830PR3ALL_S30_L003_paired_R2	73.7%	38%	47.2
830PR3ALL_S30_L003_unpaired_R1	30.8%	39%	2.2
830PR3ALL_S30_L003_unpaired_R2	26.0%	47%	0.2
830PR3BON_S31_L003_paired_R1	89.0%	39%	48.5
830PR3BON_S31_L003_paired_R2	83.0%	39%	48.5
830PR3BON_S31_L003_unpaired_R1	47.7%	39%	2.4
830PR3BON_S31_L003_unpaired_R2	29.0%	48%	0.2
NC_S32_L003_paired_R1	95.8%	43%	36.2
NC_S32_L003_paired_R2	93.4%	44%	36.2
NC_S32_L003_unpaired_R1	81.7%	44%	2.7
NC_S32_L003_unpaired_R2	51.9%	52%	0.2

FastQC Version: 0.12.1

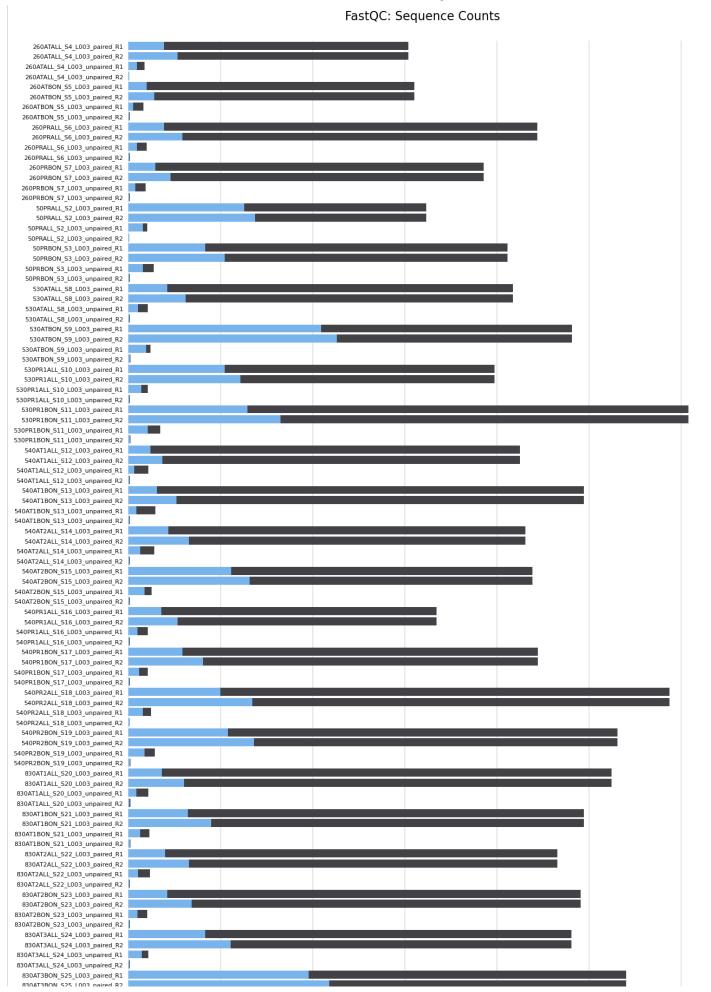
FastQC is a quality control tool for high throughput sequence data, written by Simon Andrews at the Babraham Institute in Cambridge.

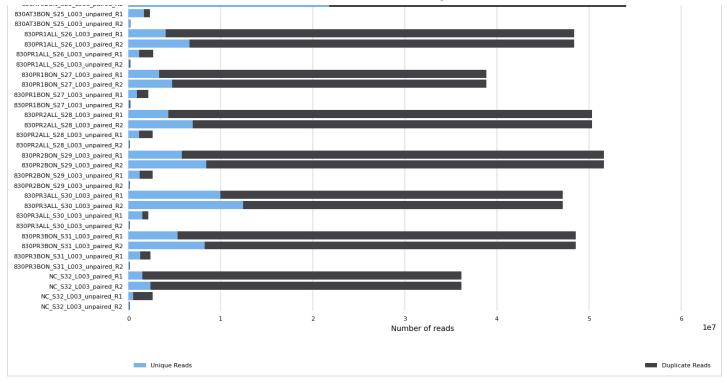
Sequence Counts

Sequence counts for each sample. Duplicate read counts are an estimate only.

Number of reads Percentages

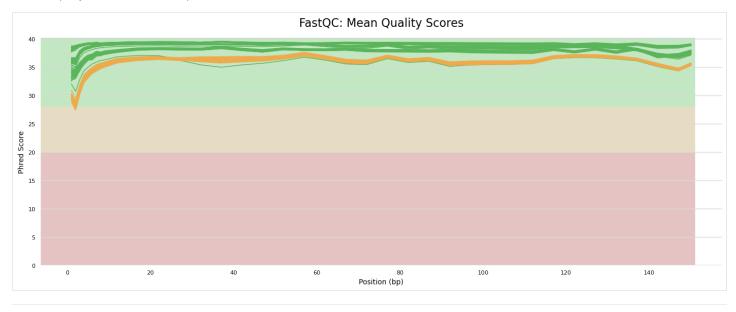
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Sequence Quality Histograms 94 18

The mean quality value across each base position in the read.



Per Sequence Quality Scores

124

The number of reads with average quality scores. Shows if a subset of reads has poor quality.

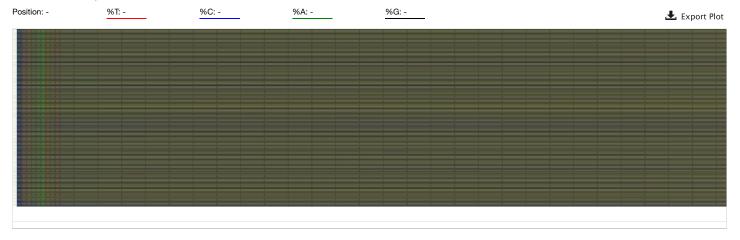


Per Base Sequence Content

83 2

The proportion of each base position for which each of the four normal DNA bases has been called.

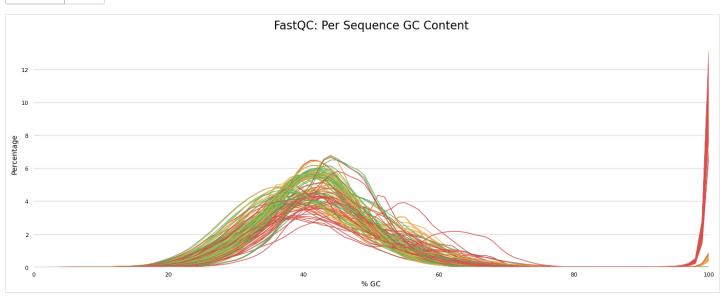
• Rollover for sample name



Per Sequence GC Content 47

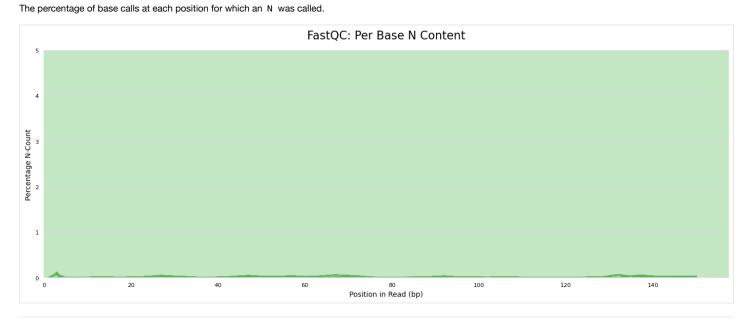
The average GC content of reads. Normal random library typically have a roughly normal distribution of GC content.

Percentages Counts



Per Base N Content

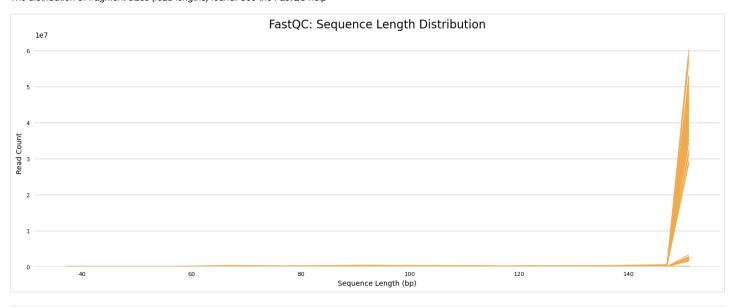
se in Content



Sequence Length Distribution

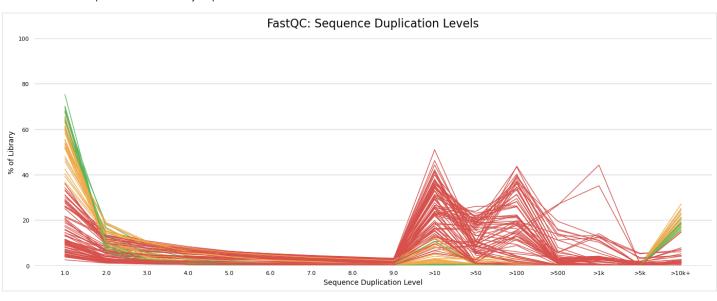


The distribution of fragment sizes (read lengths) found. See the FastQC help



Sequence Duplication Levels [13]

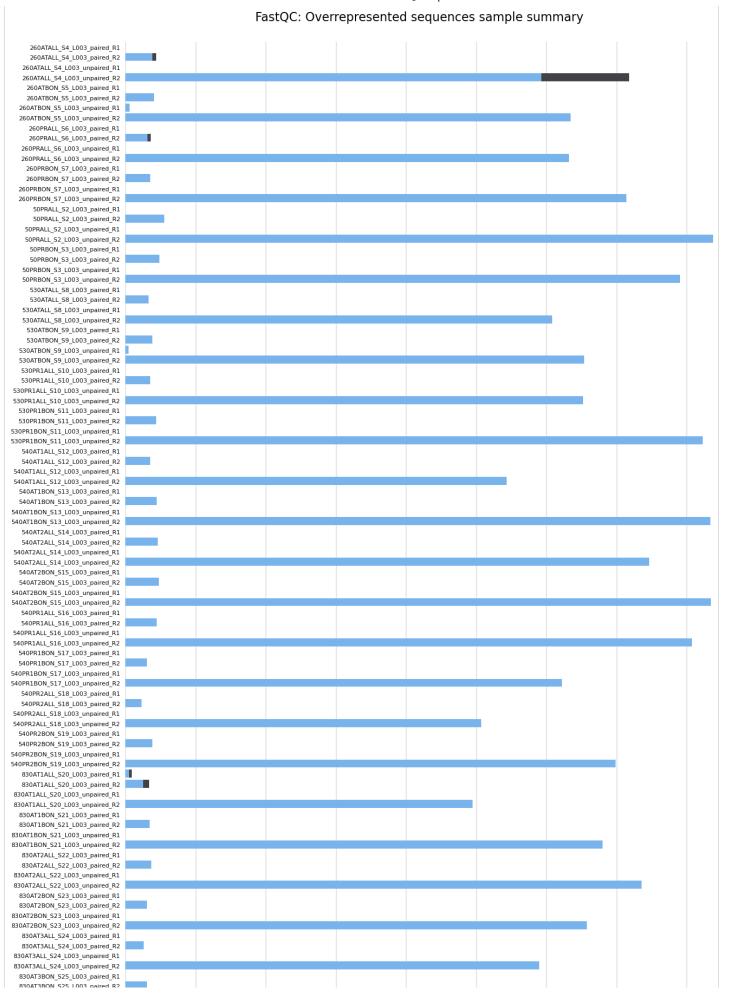
The relative level of duplication found for every sequence.

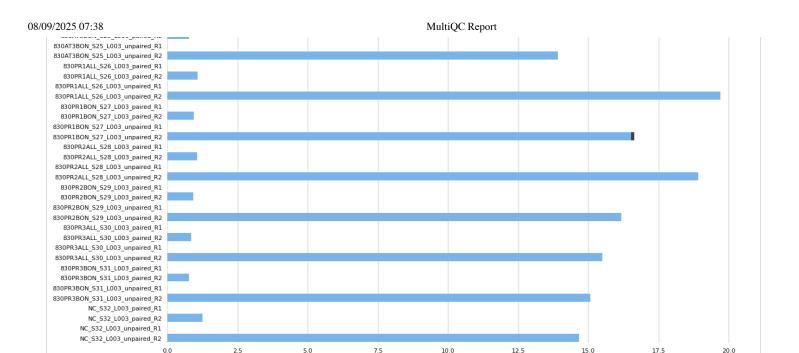


Overrepresented sequences by sample

The total amount of overrepresented sequences found in each library.

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Top overrepresented sequences

Top overrepresented sequence

Top overrepresented sequences across all samples. The table shows 20 most overrepresented sequences across all samples, ranked by the number of samples they occur in.

Percentage of Total Sequences

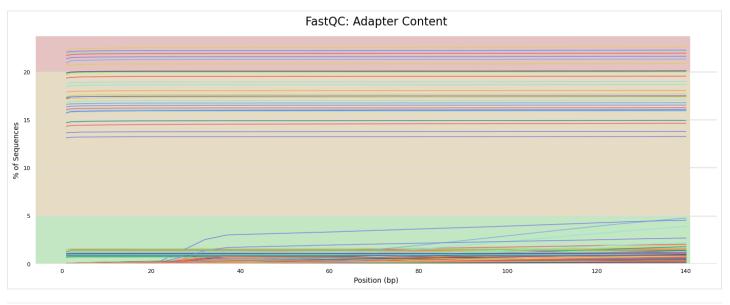
Sum of remaining overrepresented sequences

Copy table	Ⅲ Configure Columns	.i ∎ Plot	Showing $^{20}/_{20}$ rows and $^{3}/_{3}$ columns.		
Overrepresen	ted sequence	Sam	ples	Occurrences	% of all reads
GGGGGGGG	GGGGGGGGGGG	GGG 62		13 825 946	0.4811%
CTCCGGCAT	TCACTAACCGAAGGA	GTG 2CA	FTTATCATGAAATTGCACCA	120 737	0.0042%
CCGGAGCAT	TCTATGGTGCAATTTC	ATG 2TAA	ATGGCACTCCTTCGGTTA	110 666	0.0039%
CAACAGATTO	CAGCAGGAAGATGCC	ACT 2AAT	TTGCGGCACATTTGCCTGAC	40 641	0.0014%
GATCGGAAG	AGCACACGTCTGAAC	TCC AGT	CACGAATTACGATCTGGGGG	2 487	0.0001%
CAACAATGTO	GGATTTGCCAACGTTC	GG, (CGT	CCGACGATGGCAATAACTG	48 681	0.0017%
GACAACTGG	CGACAGCCAGTTGG	CALIACO	CGTGAACGCAGTGAGCGGGCT	227	0.0000%
GATCGGAAG	AGCACACGTCTGAAC	TCC AGT	CACTGATCTAAATCTGGGGG	2 499	0.0001%
ACATAGGCG	AACTCACGCCATCAT	CAG IGG	GAAGTGCCACATCTGTCAGG	559	0.0000%
ATAGGCGAAG	CTCACGCCATCATCA	GCG 3GA	AGTGCCACATCTGTCAGGCA	333	0.0000%
CATAGGCGA	ACTCACGCCATCATC	AGC 3GG	AAGTGCCACATCTGTCAGGC	295	0.0000%
CCGCAATTG	AGTGGCATCTTCCTG	CTG. (ATC	TGTTGATACATAGGCGAAC	281	0.0000%
GCATCTTCCT	TGCTGAATCTGTTGAT	ACA TAGO	GCGAACTCACGCCATCATC	226	0.0000%
GCCACATCT	GTCAGGCAAATGTGC	CGC AAT1	GAGTGGCATCTTCCTGCTG	186	0.0000%
ATCAACAGAT	TCAGCAGGAAGATG	CCA TCA	AATTGCGGCACATTTGCCTG	180	0.0000%
AGGCGAACT	CACGCCATCATCAGC	GG(AAG	TGCCACATCTGTCAGGCAAA	177	0.0000%
TACATAGGC	BAACTCACGCCATCAT	CACICGO	GGAAGTGCCACATCTGTCAG	162	0.0000%
GTGGCATCT	TCCTGCTGAATCTGTT	GAT ¶CAT	TAGGCGAACTCACGCCATC	162	0.0000%
GGCAAATGT	GCCGCAATTGAGTGG	САТ ЛТС	CTGCTGAATCTGTTGATAC	147	0.0000%
TCAACAGATT	CAGCAGGAAGATGC	CAC IICAA	ATTGCGGCACATTTGCCTGA	145	0.0000%

Adapter Content

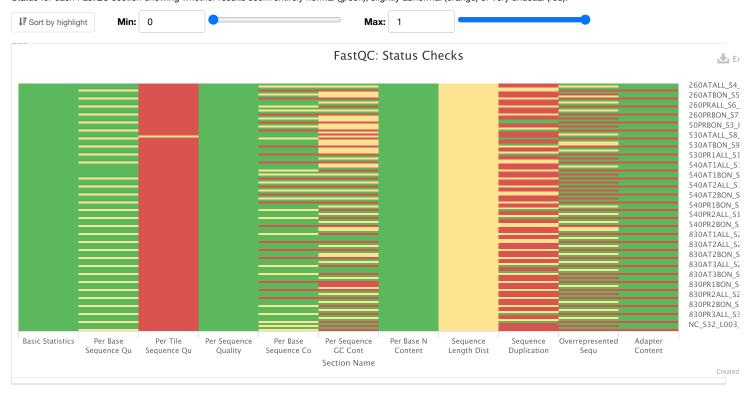
93

The cumulative percentage count of the proportion of your library which has seen each of the adapter sequences at each position.



Status Checks

Status for each FastQC section showing whether results seem entirely normal (green), slightly abnormal (orange) or very unusual (red).



Software Versions

Software Versions lists versions of software tools extracted from file contents.

♣ Copy table	
Software	Version
FastQC	0.12.1

MultiQC Report

<u>MultiQC v1.19</u> - Written by <u>Phil Ewels</u>, available on <u>GitHub</u>.

This report uses <u>HighCharts</u>, <u>jQuery</u>, <u>jQuery</u> <u>UI</u>, <u>Bootstrap</u>, <u>FileSaver.js</u> and <u>clipboard.js</u>.

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