

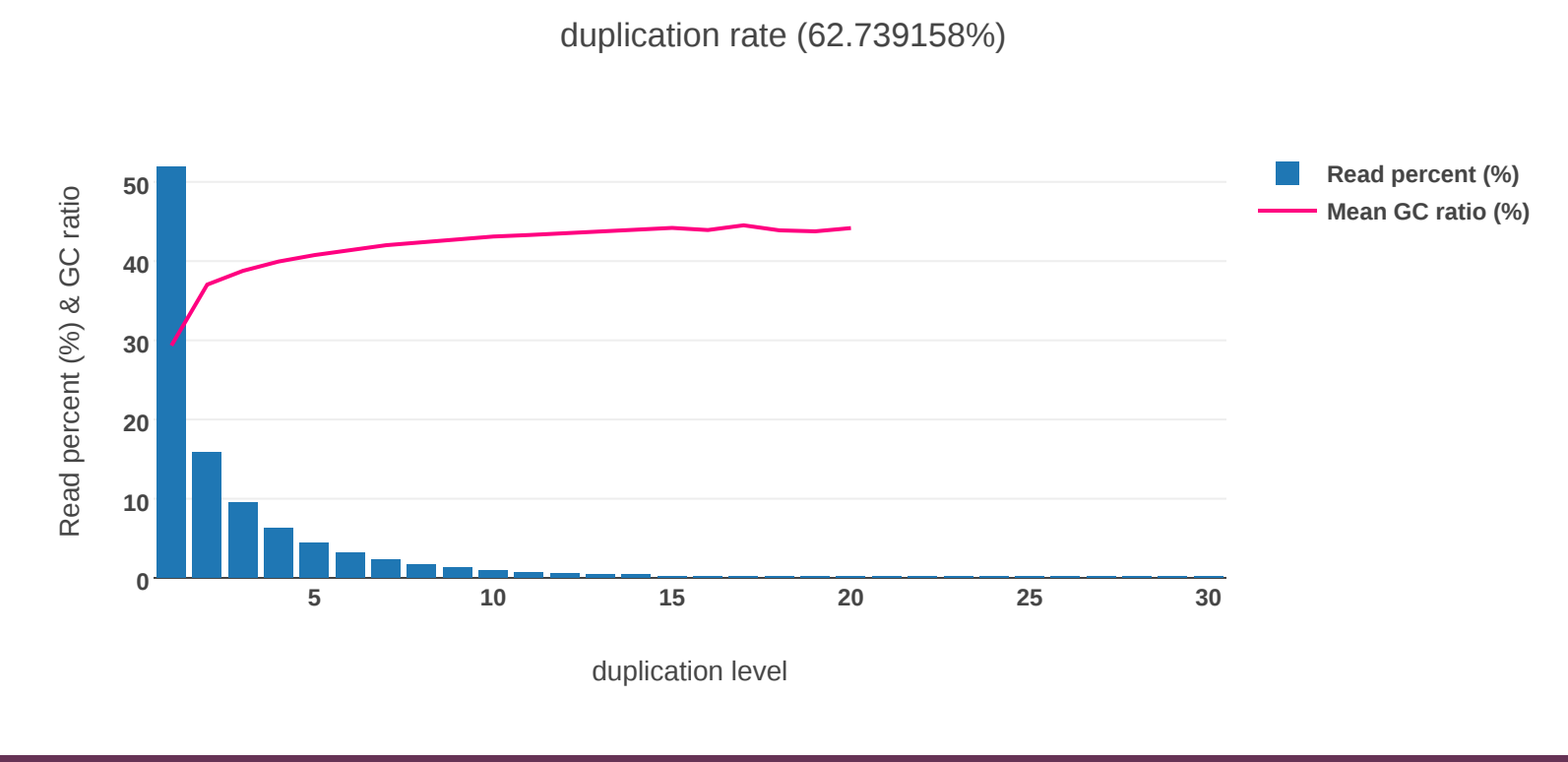
# Rfastp Report

Summary	
General	
fastp version:	0.21.0 ( <a href="https://github.com/OpenGene/fastp">https://github.com/OpenGene/fastp</a> )
sequencing:	single end (126 cycles)
mean length before filtering:	126bp
mean length after filtering:	120bp
duplication rate:	62.739158% (may be overestimated since this is SE data)
Detected read1 adapter:	AGATCGGAAGAGCACACGTCTGAACTCCAGTCA
Before filtering	
total reads:	45.461484 M
total bases:	5.728137 G
Q20 bases:	5.397462 G (94.227176%)
Q30 bases:	4.961569 G (86.617584%)
GC content:	52.468280%
After filtering	
total reads:	44.863915 M
total bases:	5.410145 G
Q20 bases:	5.138826 G (94.984988%)
Q30 bases:	4.747385 G (87.749673%)
GC content:	52.887475%
Filtering result	
reads passed filters:	44.863915 M (98.685723%)
reads with low quality:	571.190900 K (1.256428%)
reads with too many N:	4.723090 K (0.010389%)
reads too short:	21.576080 K (0.047466%)

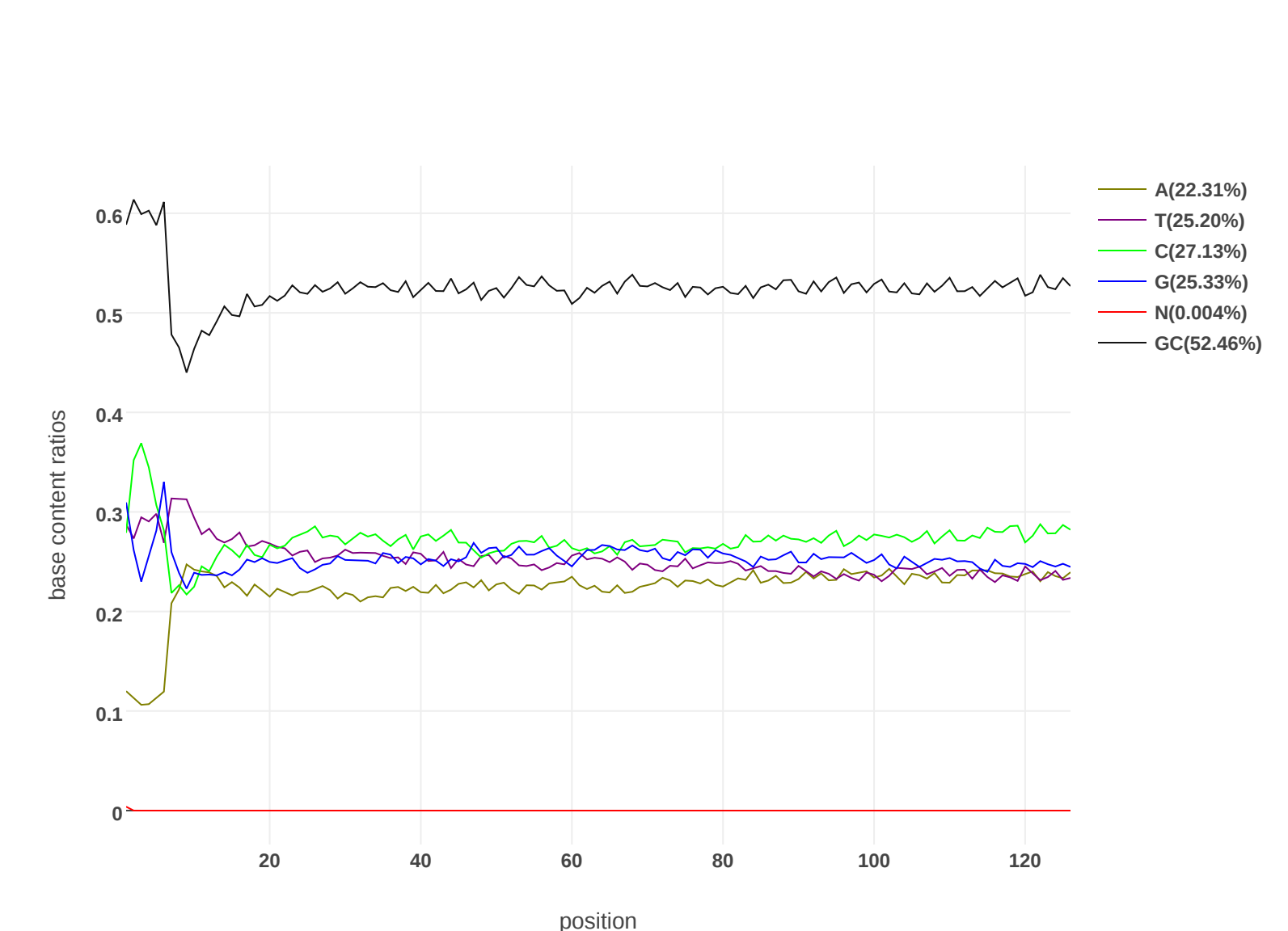
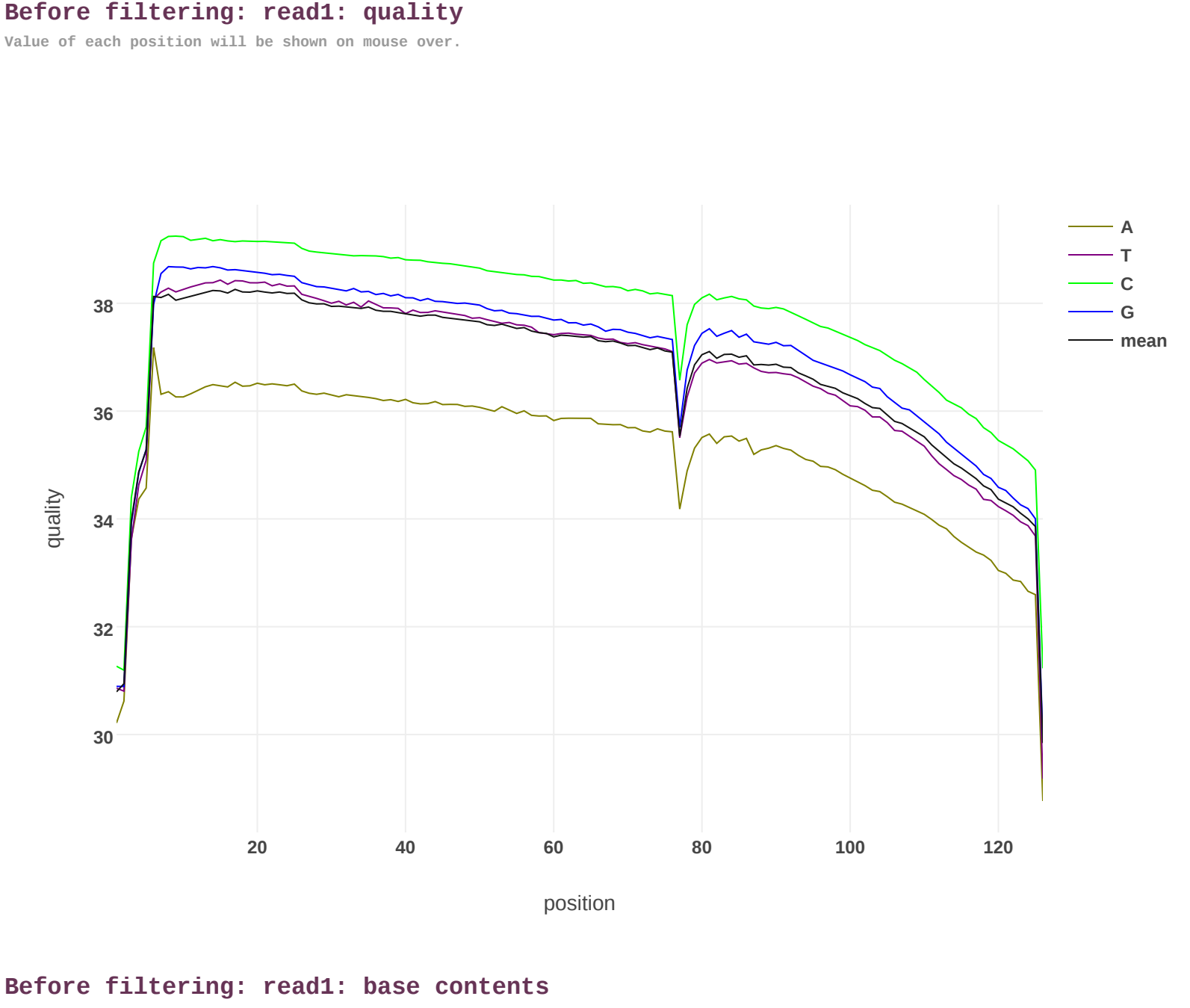
## Adapters

Adapter or bad ligation of read1	
Sequence	Occurrences
AGATC	203183
AGATCG	169220
AGATCGG	164508
AGATCGGA	157253
AGATCGGAA	153985
AGATCGGAAG	148867
AGATCGGAAGA	141674
AGATCGGAAGAG	139447
AGATCGGAAGAGC	140061
AGATCGGAAGAGCA	138941
AGATCGGAAGAGCAC	134892
AGATCGGAAGAGCACCA	130481
AGATCGGAAGAGCACAC	123487
AGATCGGAAGAGCACACG	122511
AGATCGGAAGAGCACACGT	116445
AGATCGGAAGAGCACACGTC	110768
AGATCGGAAGAGCACACGTCT	108341
AGATCGGAAGAGCACACGCTCTG	105854
AGATCGGAAGAGCACACGCTCTGA	110839
AGATCGGAAGAGCACACGCTCTGAA	109972
AGATCGGAAGAGCACACGCTCTGAAC	99094
AGATCGGAAGAGCACACGCTCTGAACT	96174
AGATCGGAAGAGCACACGCTCTGAACCT	93389
AGATCGGAAGAGCACACGCTCTGAACCC	91730
AGATCGGAAGAGCACACGCTCTGAACCCA	89553
AGATCGGAAGAGCACACGCTCTGAACCTCAG	85878
AGATCGGAAGAGCACACGCTCTGAACCTCCAGT	82280
AGATCGGAAGAGCACACGCTCTGAACCTCCAGTC	80232
AGATCGGAAGAGCACACGCTCTGAACCTCCA	79994
AGATCGGAAGAGCACACGCTCTGAACCTCCAGTCA	82355
AGATCGGAAGAGCACACGCTCTGAACCTCCAGTCAACA	90875
AGATCGGAAGAGCACACGCTCTGAACCTCCAGTCAACAT	135463
AGATCGGAAGAGCACACGCTCTGAACCTCCAGTCAACT	83040
AGATCGGAAGAGCACACGCTCTGAACCTCCAGTCAACTA	89297
AGATCGGAAGAGCACACGCTCTGAACCTCCAGTCAACTAC	71944
AGATCGGAAGAGCACACGCTCTGAACCTCCAGTCAACTACT	77365
AGATCGGAAGAGCACACGCTCTGAACCTCCAGTCAACTACTC	78338
AGATCGGAAGAGCACACGCTCTGAACCTCCAGTCAACTACTCG	94268
AGATCGGAAGAGCACACGCTCTGAACCTCCAGTCAACTACTCGA	114521
other adapter sequences	2533816

## Duplication



## Before filtering



## After filtering

