



Table of contents

1. Summary mapping report 3

 1.1 Summary statistics 3

 1.2 General algorithm parameters 3

 1.3 Reads parameters 3

 1.4 Quality measurement 4

 1.5 Distribution of read length 5

 1.6 Distribution of matched read length 53

 1.7 Distribution of non-matched read length 86

 1.8 Paired reads distance distribution 134

1. Summary mapping report

1.1 Summary statistics

	Count	Average length	Total bases
Reads	574,006,131	40.55	23,278,462,979
Matched	193,703,076	44.19	8,559,842,735
Not matched	380,303,055	38.7	14,718,620,244
Contigs	155,201	375	58,215,212
Paired reads	42,993	204.3	
Broken paired reads	7,032,970	62.11	

1.2 General algorithm parameters

Parameter	Value
Conflict resolution	Vote (A, C, G, T)
Non specific matches	random

1.3 Reads parameters

Reads	Length	Type	Parameters
SRR058508 (454) (unpaired)	Long	Single	Default
filtered_1000ppm_ACTTGA_L002_R1 trimmed	Short	Single	Default
filtered_400ppm_CAGATC_L001_R1 trimmed	Short	Single	Default
RUPHbase seq	Long	Single	Default
SRR280991 trimmed	Long	Single	Default
SRR280992 trimmed	Long	Single	Default
SRR280916 trimmed	Long	Single	Default
SRR280918 trimmed	Long	Single	Default
SRR280842_1 (paired) trimmed (paired)	Long	Paired	Default
SRR280910_1 (paired) trimmed (paired)	Long	Paired	Default
SRR280917 trimmed	Long	Single	Default

Reads	Length	Type	Parameters
SRR280988 trimmed	Long	Single	Default
SRR280842_1 (paired) trimmed	Long	Single	Default
SRR281062 trimmed	Long	Single	Default
SRR280915 trimmed	Long	Single	Default
SRR281065 trimmed	Long	Single	Default
SRR280912 trimmed	Long	Single	Default
SRR280989 trimmed	Long	Single	Default
SRR280910_1 (paired) trimmed	Long	Single	Default
SRR280914 trimmed	Long	Single	Default
SRR280986 trimmed	Long	Single	Default
SRR280913 trimmed	Long	Single	Default
SRR281064 trimmed	Long	Single	Default
SRR281061 trimmed	Long	Single	Default
SRR280911_1 (paired) trimmed (paired)	Long	Paired	Default
SRR281066 trimmed	Long	Single	Default
SRR280911_1 (paired) trimmed	Long	Single	Default
SRR980918 trimmed	Long	Single	Default
SRR281063 trimmed	Long	Single	Default
SRR280993 trimmed	Long	Single	Default
filtered_1000ppm_ACTTGA_L002_R1 trimmed	Short	Single	Default
SRR280990 trimmed	Long	Single	Default
SRR280987 trimmed	Long	Single	Default
filtered_400ppm_CAGATC_L001_R1 trimmed	Short	Single	Default

1.4 Quality measurement

N75	278
N50	423
N25	581

1.5 Distribution of read length

Length	Count	Percentage	Cummulative Percentage
25	638,318	0.1%	0.1%
26	785,905	0.1%	0.2%
27	895,077	0.2%	0.4%
28	891,946	0.2%	0.6%
29	1,059,260	0.2%	0.7%
30	1,212,064	0.2%	1.0%
31	1,692,051	0.3%	1.2%
32	2,126,930	0.4%	1.6%
33	2,801,489	0.5%	2.1%
34	7,288,309	1.3%	3.4%
35	3,463,162	0.6%	4.0%
36	469,268,082	81.8%	85.7%
37	523,839	0.1%	85.8%
38	625,278	0.1%	85.9%
39	803,912	0.1%	86.1%
40	834,438	0.1%	86.2%
41	588,291	0.1%	86.3%
42	424,068	0.1%	86.4%
43	334,270	0.1%	86.5%
44	335,810	0.1%	86.5%
45	419,442	0.1%	86.6%
46	266,242	0.0%	86.6%
47	232,365	0.0%	86.7%
48	254,707	0.0%	86.7%
49	363,979	0.1%	86.8%
50	478,490	0.1%	86.9%
51	296,760	0.1%	86.9%
52	337,347	0.1%	87.0%
53	351,167	0.1%	87.0%
54	424,211	0.1%	87.1%
55	526,371	0.1%	87.2%
56	345,873	0.1%	87.3%
57	445,349	0.1%	87.3%
58	478,372	0.1%	87.4%

Length	Count	Percentage	Cummulative Percentage
59	691,689	0.1%	87.5%
60	621,892	0.1%	87.7%
61	609,706	0.1%	87.8%
62	628,850	0.1%	87.9%
63	1,263,663	0.2%	88.1%
64	1,239,204	0.2%	88.3%
65	1,458,666	0.3%	88.6%
66	3,004,593	0.5%	89.1%
67	1,486,240	0.3%	89.3%
68	1,338,515	0.2%	89.6%
69	20,233,048	3.5%	93.1%
70	2,310,146	0.4%	93.5%
71	36,816,577	6.4%	99.9%
72	2	0.0%	99.9%
73	4	0.0%	99.9%
74	1	0.0%	99.9%
75	6	0.0%	99.9%
76	3	0.0%	99.9%
77	2	0.0%	99.9%
78	8	0.0%	99.9%
79	7	0.0%	99.9%
80	6	0.0%	99.9%
81	4	0.0%	99.9%
82	9	0.0%	99.9%
83	10	0.0%	99.9%
84	6	0.0%	99.9%
85	5	0.0%	99.9%
86	1	0.0%	99.9%
87	8	0.0%	99.9%
88	7	0.0%	99.9%
89	8	0.0%	99.9%
90	4	0.0%	99.9%
91	8	0.0%	99.9%
92	12	0.0%	99.9%
93	4	0.0%	99.9%
94	8	0.0%	99.9%
95	4	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
96	13	0.0%	99.9%
97	6	0.0%	99.9%
98	9	0.0%	99.9%
99	7	0.0%	99.9%
100	64	0.0%	99.9%
101	56	0.0%	99.9%
102	59	0.0%	99.9%
103	52	0.0%	99.9%
104	67	0.0%	99.9%
105	46	0.0%	99.9%
106	68	0.0%	99.9%
107	72	0.0%	99.9%
108	63	0.0%	99.9%
109	62	0.0%	99.9%
110	74	0.0%	99.9%
111	72	0.0%	99.9%
112	57	0.0%	99.9%
113	59	0.0%	99.9%
114	76	0.0%	99.9%
115	63	0.0%	99.9%
116	66	0.0%	99.9%
117	76	0.0%	99.9%
118	76	0.0%	99.9%
119	119	0.0%	99.9%
120	128	0.0%	99.9%
121	69	0.0%	99.9%
122	60	0.0%	99.9%
123	69	0.0%	99.9%
124	85	0.0%	99.9%
125	90	0.0%	99.9%
126	64	0.0%	99.9%
127	80	0.0%	99.9%
128	65	0.0%	99.9%
129	70	0.0%	99.9%
130	49	0.0%	99.9%
131	65	0.0%	99.9%
132	69	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
133	58	0.0%	99.9%
134	57	0.0%	99.9%
135	67	0.0%	99.9%
136	83	0.0%	99.9%
137	102	0.0%	99.9%
138	82	0.0%	99.9%
139	95	0.0%	99.9%
140	101	0.0%	99.9%
141	75	0.0%	99.9%
142	68	0.0%	99.9%
143	70	0.0%	99.9%
144	101	0.0%	99.9%
145	121	0.0%	99.9%
146	105	0.0%	99.9%
147	69	0.0%	99.9%
148	75	0.0%	99.9%
149	85	0.0%	99.9%
150	68	0.0%	99.9%
151	90	0.0%	99.9%
152	80	0.0%	99.9%
153	79	0.0%	99.9%
154	100	0.0%	99.9%
155	92	0.0%	99.9%
156	92	0.0%	99.9%
157	97	0.0%	99.9%
158	103	0.0%	99.9%
159	118	0.0%	99.9%
160	160	0.0%	99.9%
161	199	0.0%	99.9%
162	220	0.0%	99.9%
163	307	0.0%	99.9%
164	272	0.0%	99.9%
165	306	0.0%	99.9%
166	352	0.0%	99.9%
167	396	0.0%	99.9%
168	418	0.0%	99.9%
169	434	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
170	463	0.0%	99.9%
171	481	0.0%	99.9%
172	509	0.0%	99.9%
173	527	0.0%	99.9%
174	538	0.0%	99.9%
175	555	0.0%	99.9%
176	601	0.0%	99.9%
177	630	0.0%	99.9%
178	690	0.0%	99.9%
179	673	0.0%	99.9%
180	618	0.0%	99.9%
181	728	0.0%	99.9%
182	735	0.0%	99.9%
183	720	0.0%	99.9%
184	750	0.0%	99.9%
185	775	0.0%	99.9%
186	796	0.0%	99.9%
187	814	0.0%	99.9%
188	784	0.0%	99.9%
189	817	0.0%	99.9%
190	753	0.0%	99.9%
191	864	0.0%	99.9%
192	873	0.0%	99.9%
193	844	0.0%	99.9%
194	803	0.0%	99.9%
195	801	0.0%	99.9%
196	814	0.0%	99.9%
197	842	0.0%	99.9%
198	858	0.0%	99.9%
199	860	0.0%	99.9%
200	833	0.0%	99.9%
201	795	0.0%	99.9%
202	810	0.0%	99.9%
203	816	0.0%	99.9%
204	799	0.0%	99.9%
205	836	0.0%	99.9%
206	796	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
207	804	0.0%	99.9%
208	757	0.0%	99.9%
209	771	0.0%	99.9%
210	759	0.0%	99.9%
211	743	0.0%	99.9%
212	746	0.0%	99.9%
213	777	0.0%	99.9%
214	756	0.0%	99.9%
215	635	0.0%	99.9%
216	731	0.0%	99.9%
217	729	0.0%	99.9%
218	735	0.0%	99.9%
219	714	0.0%	99.9%
220	719	0.0%	99.9%
221	668	0.0%	99.9%
222	705	0.0%	99.9%
223	738	0.0%	99.9%
224	692	0.0%	99.9%
225	728	0.0%	99.9%
226	694	0.0%	99.9%
227	756	0.0%	99.9%
228	678	0.0%	99.9%
229	713	0.0%	99.9%
230	672	0.0%	99.9%
231	655	0.0%	99.9%
232	689	0.0%	99.9%
233	642	0.0%	99.9%
234	640	0.0%	99.9%
235	620	0.0%	99.9%
236	667	0.0%	99.9%
237	694	0.0%	99.9%
238	700	0.0%	99.9%
239	674	0.0%	99.9%
240	635	0.0%	99.9%
241	654	0.0%	99.9%
242	696	0.0%	99.9%
243	660	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
244	655	0.0%	99.9%
245	608	0.0%	99.9%
246	662	0.0%	99.9%
247	651	0.0%	99.9%
248	714	0.0%	99.9%
249	716	0.0%	99.9%
250	625	0.0%	99.9%
251	649	0.0%	99.9%
252	638	0.0%	99.9%
253	635	0.0%	99.9%
254	577	0.0%	99.9%
255	582	0.0%	99.9%
256	611	0.0%	99.9%
257	546	0.0%	99.9%
258	622	0.0%	99.9%
259	587	0.0%	99.9%
260	570	0.0%	99.9%
261	590	0.0%	99.9%
262	591	0.0%	99.9%
263	548	0.0%	99.9%
264	568	0.0%	99.9%
265	547	0.0%	99.9%
266	534	0.0%	99.9%
267	568	0.0%	99.9%
268	595	0.0%	99.9%
269	546	0.0%	99.9%
270	545	0.0%	99.9%
271	549	0.0%	99.9%
272	541	0.0%	99.9%
273	507	0.0%	99.9%
274	518	0.0%	99.9%
275	527	0.0%	99.9%
276	499	0.0%	99.9%
277	474	0.0%	99.9%
278	550	0.0%	99.9%
279	541	0.0%	99.9%
280	527	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
281	533	0.0%	99.9%
282	500	0.0%	99.9%
283	522	0.0%	99.9%
284	519	0.0%	99.9%
285	522	0.0%	99.9%
286	479	0.0%	99.9%
287	502	0.0%	99.9%
288	495	0.0%	99.9%
289	480	0.0%	99.9%
290	499	0.0%	99.9%
291	490	0.0%	99.9%
292	483	0.0%	99.9%
293	483	0.0%	99.9%
294	476	0.0%	99.9%
295	480	0.0%	99.9%
296	520	0.0%	99.9%
297	481	0.0%	99.9%
298	469	0.0%	99.9%
299	477	0.0%	99.9%
300	451	0.0%	99.9%
301	447	0.0%	99.9%
302	407	0.0%	99.9%
303	463	0.0%	99.9%
304	450	0.0%	99.9%
305	454	0.0%	99.9%
306	432	0.0%	99.9%
307	442	0.0%	99.9%
308	437	0.0%	99.9%
309	431	0.0%	99.9%
310	423	0.0%	99.9%
311	427	0.0%	99.9%
312	422	0.0%	99.9%
313	419	0.0%	99.9%
314	452	0.0%	99.9%
315	456	0.0%	99.9%
316	434	0.0%	99.9%
317	434	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
318	442	0.0%	99.9%
319	402	0.0%	99.9%
320	426	0.0%	99.9%
321	435	0.0%	99.9%
322	428	0.0%	99.9%
323	456	0.0%	99.9%
324	437	0.0%	99.9%
325	418	0.0%	99.9%
326	471	0.0%	99.9%
327	426	0.0%	99.9%
328	433	0.0%	99.9%
329	430	0.0%	99.9%
330	461	0.0%	99.9%
331	383	0.0%	99.9%
332	407	0.0%	99.9%
333	429	0.0%	99.9%
334	422	0.0%	99.9%
335	432	0.0%	99.9%
336	429	0.0%	99.9%
337	471	0.0%	99.9%
338	402	0.0%	99.9%
339	413	0.0%	99.9%
340	447	0.0%	99.9%
341	418	0.0%	99.9%
342	406	0.0%	99.9%
343	421	0.0%	99.9%
344	427	0.0%	99.9%
345	413	0.0%	99.9%
346	401	0.0%	99.9%
347	390	0.0%	99.9%
348	403	0.0%	99.9%
349	422	0.0%	99.9%
350	441	0.0%	99.9%
351	448	0.0%	99.9%
352	427	0.0%	99.9%
353	428	0.0%	99.9%
354	453	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
355	432	0.0%	99.9%
356	442	0.0%	99.9%
357	467	0.0%	99.9%
358	443	0.0%	99.9%
359	447	0.0%	99.9%
360	416	0.0%	99.9%
361	391	0.0%	99.9%
362	457	0.0%	99.9%
363	425	0.0%	99.9%
364	446	0.0%	99.9%
365	436	0.0%	99.9%
366	461	0.0%	99.9%
367	467	0.0%	99.9%
368	412	0.0%	99.9%
369	455	0.0%	99.9%
370	465	0.0%	99.9%
371	446	0.0%	99.9%
372	425	0.0%	99.9%
373	459	0.0%	99.9%
374	438	0.0%	99.9%
375	458	0.0%	99.9%
376	478	0.0%	99.9%
377	463	0.0%	99.9%
378	492	0.0%	99.9%
379	446	0.0%	99.9%
380	420	0.0%	99.9%
381	450	0.0%	99.9%
382	427	0.0%	99.9%
383	444	0.0%	99.9%
384	431	0.0%	99.9%
385	460	0.0%	99.9%
386	424	0.0%	99.9%
387	447	0.0%	99.9%
388	456	0.0%	99.9%
389	474	0.0%	99.9%
390	407	0.0%	99.9%
391	441	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
392	437	0.0%	99.9%
393	425	0.0%	99.9%
394	458	0.0%	99.9%
395	437	0.0%	99.9%
396	448	0.0%	99.9%
397	453	0.0%	99.9%
398	451	0.0%	99.9%
399	450	0.0%	99.9%
400	504	0.0%	99.9%
401	485	0.0%	99.9%
402	451	0.0%	99.9%
403	483	0.0%	99.9%
404	475	0.0%	99.9%
405	443	0.0%	99.9%
406	454	0.0%	99.9%
407	505	0.0%	99.9%
408	484	0.0%	99.9%
409	453	0.0%	99.9%
410	438	0.0%	99.9%
411	468	0.0%	99.9%
412	425	0.0%	99.9%
413	463	0.0%	99.9%
414	449	0.0%	99.9%
415	440	0.0%	99.9%
416	433	0.0%	99.9%
417	455	0.0%	99.9%
418	463	0.0%	99.9%
419	496	0.0%	99.9%
420	451	0.0%	99.9%
421	478	0.0%	99.9%
422	458	0.0%	99.9%
423	466	0.0%	99.9%
424	441	0.0%	99.9%
425	492	0.0%	99.9%
426	468	0.0%	99.9%
427	484	0.0%	99.9%
428	495	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
429	481	0.0%	99.9%
430	506	0.0%	99.9%
431	496	0.0%	99.9%
432	495	0.0%	99.9%
433	482	0.0%	99.9%
434	524	0.0%	99.9%
435	517	0.0%	99.9%
436	493	0.0%	99.9%
437	517	0.0%	99.9%
438	492	0.0%	99.9%
439	521	0.0%	99.9%
440	553	0.0%	99.9%
441	547	0.0%	99.9%
442	528	0.0%	99.9%
443	506	0.0%	99.9%
444	532	0.0%	99.9%
445	516	0.0%	99.9%
446	523	0.0%	99.9%
447	514	0.0%	99.9%
448	582	0.0%	99.9%
449	555	0.0%	99.9%
450	553	0.0%	99.9%
451	551	0.0%	99.9%
452	558	0.0%	99.9%
453	549	0.0%	99.9%
454	586	0.0%	99.9%
455	587	0.0%	99.9%
456	628	0.0%	99.9%
457	580	0.0%	99.9%
458	556	0.0%	99.9%
459	614	0.0%	99.9%
460	611	0.0%	99.9%
461	572	0.0%	99.9%
462	616	0.0%	99.9%
463	659	0.0%	99.9%
464	597	0.0%	99.9%
465	687	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
466	658	0.0%	99.9%
467	743	0.0%	99.9%
468	683	0.0%	99.9%
469	729	0.0%	99.9%
470	695	0.0%	99.9%
471	751	0.0%	99.9%
472	722	0.0%	99.9%
473	724	0.0%	99.9%
474	786	0.0%	99.9%
475	768	0.0%	99.9%
476	803	0.0%	99.9%
477	803	0.0%	99.9%
478	863	0.0%	99.9%
479	863	0.0%	99.9%
480	878	0.0%	99.9%
481	910	0.0%	99.9%
482	936	0.0%	99.9%
483	986	0.0%	99.9%
484	1,007	0.0%	99.9%
485	978	0.0%	99.9%
486	1,068	0.0%	99.9%
487	1,042	0.0%	99.9%
488	1,049	0.0%	99.9%
489	1,186	0.0%	99.9%
490	1,168	0.0%	99.9%
491	1,219	0.0%	99.9%
492	1,316	0.0%	99.9%
493	1,283	0.0%	99.9%
494	1,349	0.0%	99.9%
495	1,438	0.0%	99.9%
496	1,431	0.0%	99.9%
497	1,590	0.0%	99.9%
498	1,588	0.0%	99.9%
499	1,611	0.0%	100.0%
500	1,711	0.0%	100.0%
501	1,717	0.0%	100.0%
502	1,813	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
503	2,013	0.0%	100.0%
504	2,032	0.0%	100.0%
505	2,124	0.0%	100.0%
506	2,163	0.0%	100.0%
507	2,178	0.0%	100.0%
508	2,329	0.0%	100.0%
509	2,432	0.0%	100.0%
510	2,439	0.0%	100.0%
511	2,496	0.0%	100.0%
512	2,703	0.0%	100.0%
513	2,649	0.0%	100.0%
514	2,666	0.0%	100.0%
515	2,766	0.0%	100.0%
516	2,838	0.0%	100.0%
517	2,925	0.0%	100.0%
518	3,059	0.0%	100.0%
519	3,088	0.0%	100.0%
520	3,159	0.0%	100.0%
521	3,252	0.0%	100.0%
522	3,266	0.0%	100.0%
523	3,426	0.0%	100.0%
524	3,462	0.0%	100.0%
525	3,432	0.0%	100.0%
526	3,469	0.0%	100.0%
527	3,513	0.0%	100.0%
528	3,530	0.0%	100.0%
529	3,533	0.0%	100.0%
530	3,616	0.0%	100.0%
531	3,630	0.0%	100.0%
532	3,681	0.0%	100.0%
533	3,646	0.0%	100.0%
534	3,697	0.0%	100.0%
535	3,640	0.0%	100.0%
536	3,622	0.0%	100.0%
537	3,539	0.0%	100.0%
538	3,577	0.0%	100.0%
539	3,547	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
540	3,492	0.0%	100.0%
541	3,545	0.0%	100.0%
542	3,498	0.0%	100.0%
543	3,431	0.0%	100.0%
544	3,346	0.0%	100.0%
545	3,326	0.0%	100.0%
546	3,354	0.0%	100.0%
547	3,345	0.0%	100.0%
548	3,220	0.0%	100.0%
549	3,180	0.0%	100.0%
550	3,225	0.0%	100.0%
551	3,085	0.0%	100.0%
552	3,071	0.0%	100.0%
553	3,150	0.0%	100.0%
554	2,990	0.0%	100.0%
555	2,984	0.0%	100.0%
556	2,840	0.0%	100.0%
557	2,693	0.0%	100.0%
558	2,736	0.0%	100.0%
559	2,688	0.0%	100.0%
560	2,572	0.0%	100.0%
561	2,414	0.0%	100.0%
562	2,478	0.0%	100.0%
563	2,433	0.0%	100.0%
564	2,225	0.0%	100.0%
565	2,277	0.0%	100.0%
566	2,218	0.0%	100.0%
567	2,131	0.0%	100.0%
568	2,101	0.0%	100.0%
569	1,897	0.0%	100.0%
570	1,945	0.0%	100.0%
571	1,886	0.0%	100.0%
572	1,766	0.0%	100.0%
573	1,780	0.0%	100.0%
574	1,678	0.0%	100.0%
575	1,616	0.0%	100.0%
576	1,531	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
577	1,481	0.0%	100.0%
578	1,534	0.0%	100.0%
579	1,383	0.0%	100.0%
580	1,387	0.0%	100.0%
581	1,321	0.0%	100.0%
582	1,272	0.0%	100.0%
583	1,246	0.0%	100.0%
584	1,248	0.0%	100.0%
585	1,218	0.0%	100.0%
586	1,147	0.0%	100.0%
587	1,062	0.0%	100.0%
588	1,067	0.0%	100.0%
589	1,034	0.0%	100.0%
590	930	0.0%	100.0%
591	947	0.0%	100.0%
592	905	0.0%	100.0%
593	897	0.0%	100.0%
594	885	0.0%	100.0%
595	829	0.0%	100.0%
596	801	0.0%	100.0%
597	781	0.0%	100.0%
598	732	0.0%	100.0%
599	719	0.0%	100.0%
600	718	0.0%	100.0%
601	657	0.0%	100.0%
602	621	0.0%	100.0%
603	634	0.0%	100.0%
604	599	0.0%	100.0%
605	587	0.0%	100.0%
606	576	0.0%	100.0%
607	551	0.0%	100.0%
608	555	0.0%	100.0%
609	579	0.0%	100.0%
610	479	0.0%	100.0%
611	465	0.0%	100.0%
612	526	0.0%	100.0%
613	448	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
614	407	0.0%	100.0%
615	494	0.0%	100.0%
616	432	0.0%	100.0%
617	419	0.0%	100.0%
618	401	0.0%	100.0%
619	396	0.0%	100.0%
620	321	0.0%	100.0%
621	371	0.0%	100.0%
622	354	0.0%	100.0%
623	389	0.0%	100.0%
624	367	0.0%	100.0%
625	348	0.0%	100.0%
626	368	0.0%	100.0%
627	341	0.0%	100.0%
628	368	0.0%	100.0%
629	352	0.0%	100.0%
630	309	0.0%	100.0%
631	281	0.0%	100.0%
632	314	0.0%	100.0%
633	252	0.0%	100.0%
634	297	0.0%	100.0%
635	283	0.0%	100.0%
636	251	0.0%	100.0%
637	274	0.0%	100.0%
638	260	0.0%	100.0%
639	255	0.0%	100.0%
640	268	0.0%	100.0%
641	253	0.0%	100.0%
642	260	0.0%	100.0%
643	240	0.0%	100.0%
644	250	0.0%	100.0%
645	237	0.0%	100.0%
646	215	0.0%	100.0%
647	230	0.0%	100.0%
648	188	0.0%	100.0%
649	227	0.0%	100.0%
650	235	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
651	202	0.0%	100.0%
652	225	0.0%	100.0%
653	203	0.0%	100.0%
654	209	0.0%	100.0%
655	194	0.0%	100.0%
656	191	0.0%	100.0%
657	185	0.0%	100.0%
658	202	0.0%	100.0%
659	192	0.0%	100.0%
660	190	0.0%	100.0%
661	178	0.0%	100.0%
662	189	0.0%	100.0%
663	185	0.0%	100.0%
664	175	0.0%	100.0%
665	181	0.0%	100.0%
666	173	0.0%	100.0%
667	159	0.0%	100.0%
668	169	0.0%	100.0%
669	157	0.0%	100.0%
670	157	0.0%	100.0%
671	165	0.0%	100.0%
672	155	0.0%	100.0%
673	148	0.0%	100.0%
674	172	0.0%	100.0%
675	146	0.0%	100.0%
676	163	0.0%	100.0%
677	152	0.0%	100.0%
678	156	0.0%	100.0%
679	146	0.0%	100.0%
680	145	0.0%	100.0%
681	131	0.0%	100.0%
682	129	0.0%	100.0%
683	134	0.0%	100.0%
684	136	0.0%	100.0%
685	141	0.0%	100.0%
686	136	0.0%	100.0%
687	125	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
688	123	0.0%	100.0%
689	136	0.0%	100.0%
690	118	0.0%	100.0%
691	122	0.0%	100.0%
692	117	0.0%	100.0%
693	136	0.0%	100.0%
694	124	0.0%	100.0%
695	118	0.0%	100.0%
696	98	0.0%	100.0%
697	94	0.0%	100.0%
698	113	0.0%	100.0%
699	104	0.0%	100.0%
700	101	0.0%	100.0%
701	102	0.0%	100.0%
702	102	0.0%	100.0%
703	105	0.0%	100.0%
704	99	0.0%	100.0%
705	76	0.0%	100.0%
706	108	0.0%	100.0%
707	108	0.0%	100.0%
708	104	0.0%	100.0%
709	94	0.0%	100.0%
710	94	0.0%	100.0%
711	114	0.0%	100.0%
712	89	0.0%	100.0%
713	95	0.0%	100.0%
714	107	0.0%	100.0%
715	86	0.0%	100.0%
716	107	0.0%	100.0%
717	85	0.0%	100.0%
718	80	0.0%	100.0%
719	103	0.0%	100.0%
720	110	0.0%	100.0%
721	76	0.0%	100.0%
722	107	0.0%	100.0%
723	83	0.0%	100.0%
724	82	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
725	79	0.0%	100.0%
726	102	0.0%	100.0%
727	79	0.0%	100.0%
728	73	0.0%	100.0%
729	83	0.0%	100.0%
730	91	0.0%	100.0%
731	90	0.0%	100.0%
732	79	0.0%	100.0%
733	58	0.0%	100.0%
734	87	0.0%	100.0%
735	85	0.0%	100.0%
736	94	0.0%	100.0%
737	68	0.0%	100.0%
738	71	0.0%	100.0%
739	64	0.0%	100.0%
740	69	0.0%	100.0%
741	66	0.0%	100.0%
742	87	0.0%	100.0%
743	80	0.0%	100.0%
744	79	0.0%	100.0%
745	85	0.0%	100.0%
746	63	0.0%	100.0%
747	65	0.0%	100.0%
748	77	0.0%	100.0%
749	62	0.0%	100.0%
750	76	0.0%	100.0%
751	82	0.0%	100.0%
752	82	0.0%	100.0%
753	60	0.0%	100.0%
754	71	0.0%	100.0%
755	67	0.0%	100.0%
756	59	0.0%	100.0%
757	77	0.0%	100.0%
758	68	0.0%	100.0%
759	57	0.0%	100.0%
760	73	0.0%	100.0%
761	64	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
762	66	0.0%	100.0%
763	56	0.0%	100.0%
764	64	0.0%	100.0%
765	63	0.0%	100.0%
766	77	0.0%	100.0%
767	63	0.0%	100.0%
768	71	0.0%	100.0%
769	63	0.0%	100.0%
770	79	0.0%	100.0%
771	51	0.0%	100.0%
772	68	0.0%	100.0%
773	57	0.0%	100.0%
774	65	0.0%	100.0%
775	61	0.0%	100.0%
776	66	0.0%	100.0%
777	42	0.0%	100.0%
778	49	0.0%	100.0%
779	56	0.0%	100.0%
780	63	0.0%	100.0%
781	50	0.0%	100.0%
782	34	0.0%	100.0%
783	62	0.0%	100.0%
784	63	0.0%	100.0%
785	59	0.0%	100.0%
786	62	0.0%	100.0%
787	58	0.0%	100.0%
788	65	0.0%	100.0%
789	64	0.0%	100.0%
790	62	0.0%	100.0%
791	53	0.0%	100.0%
792	55	0.0%	100.0%
793	49	0.0%	100.0%
794	49	0.0%	100.0%
795	59	0.0%	100.0%
796	46	0.0%	100.0%
797	60	0.0%	100.0%
798	55	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
799	60	0.0%	100.0%
800	65	0.0%	100.0%
801	54	0.0%	100.0%
802	64	0.0%	100.0%
803	64	0.0%	100.0%
804	55	0.0%	100.0%
805	49	0.0%	100.0%
806	44	0.0%	100.0%
807	50	0.0%	100.0%
808	59	0.0%	100.0%
809	40	0.0%	100.0%
810	61	0.0%	100.0%
811	39	0.0%	100.0%
812	48	0.0%	100.0%
813	49	0.0%	100.0%
814	56	0.0%	100.0%
815	55	0.0%	100.0%
816	49	0.0%	100.0%
817	54	0.0%	100.0%
818	46	0.0%	100.0%
819	52	0.0%	100.0%
820	50	0.0%	100.0%
821	40	0.0%	100.0%
822	61	0.0%	100.0%
823	46	0.0%	100.0%
824	62	0.0%	100.0%
825	36	0.0%	100.0%
826	52	0.0%	100.0%
827	43	0.0%	100.0%
828	60	0.0%	100.0%
829	61	0.0%	100.0%
830	49	0.0%	100.0%
831	56	0.0%	100.0%
832	49	0.0%	100.0%
833	58	0.0%	100.0%
834	40	0.0%	100.0%
835	42	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
836	54	0.0%	100.0%
837	56	0.0%	100.0%
838	42	0.0%	100.0%
839	49	0.0%	100.0%
840	46	0.0%	100.0%
841	49	0.0%	100.0%
842	60	0.0%	100.0%
843	56	0.0%	100.0%
844	45	0.0%	100.0%
845	53	0.0%	100.0%
846	48	0.0%	100.0%
847	45	0.0%	100.0%
848	43	0.0%	100.0%
849	52	0.0%	100.0%
850	49	0.0%	100.0%
851	46	0.0%	100.0%
852	47	0.0%	100.0%
853	64	0.0%	100.0%
854	56	0.0%	100.0%
855	60	0.0%	100.0%
856	58	0.0%	100.0%
857	58	0.0%	100.0%
858	48	0.0%	100.0%
859	48	0.0%	100.0%
860	52	0.0%	100.0%
861	54	0.0%	100.0%
862	35	0.0%	100.0%
863	35	0.0%	100.0%
864	47	0.0%	100.0%
865	49	0.0%	100.0%
866	37	0.0%	100.0%
867	38	0.0%	100.0%
868	40	0.0%	100.0%
869	45	0.0%	100.0%
870	49	0.0%	100.0%
871	43	0.0%	100.0%
872	38	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
873	38	0.0%	100.0%
874	43	0.0%	100.0%
875	44	0.0%	100.0%
876	39	0.0%	100.0%
877	32	0.0%	100.0%
878	38	0.0%	100.0%
879	44	0.0%	100.0%
880	43	0.0%	100.0%
881	40	0.0%	100.0%
882	47	0.0%	100.0%
883	38	0.0%	100.0%
884	38	0.0%	100.0%
885	40	0.0%	100.0%
886	36	0.0%	100.0%
887	38	0.0%	100.0%
888	52	0.0%	100.0%
889	36	0.0%	100.0%
890	43	0.0%	100.0%
891	34	0.0%	100.0%
892	35	0.0%	100.0%
893	26	0.0%	100.0%
894	38	0.0%	100.0%
895	40	0.0%	100.0%
896	30	0.0%	100.0%
897	38	0.0%	100.0%
898	21	0.0%	100.0%
899	39	0.0%	100.0%
900	37	0.0%	100.0%
901	38	0.0%	100.0%
902	29	0.0%	100.0%
903	34	0.0%	100.0%
904	33	0.0%	100.0%
905	30	0.0%	100.0%
906	31	0.0%	100.0%
907	28	0.0%	100.0%
908	26	0.0%	100.0%
909	27	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
910	27	0.0%	100.0%
911	31	0.0%	100.0%
912	32	0.0%	100.0%
913	36	0.0%	100.0%
914	29	0.0%	100.0%
915	32	0.0%	100.0%
916	30	0.0%	100.0%
917	32	0.0%	100.0%
918	29	0.0%	100.0%
919	27	0.0%	100.0%
920	18	0.0%	100.0%
921	28	0.0%	100.0%
922	34	0.0%	100.0%
923	31	0.0%	100.0%
924	26	0.0%	100.0%
925	21	0.0%	100.0%
926	31	0.0%	100.0%
927	34	0.0%	100.0%
928	32	0.0%	100.0%
929	23	0.0%	100.0%
930	34	0.0%	100.0%
931	25	0.0%	100.0%
932	23	0.0%	100.0%
933	17	0.0%	100.0%
934	22	0.0%	100.0%
935	29	0.0%	100.0%
936	22	0.0%	100.0%
937	32	0.0%	100.0%
938	15	0.0%	100.0%
939	26	0.0%	100.0%
940	29	0.0%	100.0%
941	29	0.0%	100.0%
942	21	0.0%	100.0%
943	39	0.0%	100.0%
944	27	0.0%	100.0%
945	31	0.0%	100.0%
946	21	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
947	24	0.0%	100.0%
948	19	0.0%	100.0%
949	27	0.0%	100.0%
950	27	0.0%	100.0%
951	28	0.0%	100.0%
952	18	0.0%	100.0%
953	22	0.0%	100.0%
954	24	0.0%	100.0%
955	33	0.0%	100.0%
956	21	0.0%	100.0%
957	20	0.0%	100.0%
958	28	0.0%	100.0%
959	20	0.0%	100.0%
960	20	0.0%	100.0%
961	23	0.0%	100.0%
962	18	0.0%	100.0%
963	21	0.0%	100.0%
964	10	0.0%	100.0%
965	12	0.0%	100.0%
966	25	0.0%	100.0%
967	20	0.0%	100.0%
968	22	0.0%	100.0%
969	19	0.0%	100.0%
970	21	0.0%	100.0%
971	18	0.0%	100.0%
972	22	0.0%	100.0%
973	22	0.0%	100.0%
974	17	0.0%	100.0%
975	18	0.0%	100.0%
976	25	0.0%	100.0%
977	18	0.0%	100.0%
978	21	0.0%	100.0%
979	14	0.0%	100.0%
980	18	0.0%	100.0%
981	14	0.0%	100.0%
982	15	0.0%	100.0%
983	18	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
984	14	0.0%	100.0%
985	10	0.0%	100.0%
986	16	0.0%	100.0%
987	15	0.0%	100.0%
988	22	0.0%	100.0%
989	19	0.0%	100.0%
990	19	0.0%	100.0%
991	26	0.0%	100.0%
992	18	0.0%	100.0%
993	9	0.0%	100.0%
994	17	0.0%	100.0%
995	10	0.0%	100.0%
996	11	0.0%	100.0%
997	14	0.0%	100.0%
998	17	0.0%	100.0%
999	9	0.0%	100.0%
1,000	15	0.0%	100.0%
1,001	15	0.0%	100.0%
1,002	13	0.0%	100.0%
1,003	17	0.0%	100.0%
1,004	10	0.0%	100.0%
1,005	13	0.0%	100.0%
1,006	15	0.0%	100.0%
1,007	9	0.0%	100.0%
1,008	11	0.0%	100.0%
1,009	15	0.0%	100.0%
1,010	15	0.0%	100.0%
1,011	19	0.0%	100.0%
1,012	11	0.0%	100.0%
1,013	8	0.0%	100.0%
1,014	16	0.0%	100.0%
1,015	10	0.0%	100.0%
1,016	14	0.0%	100.0%
1,017	12	0.0%	100.0%
1,018	12	0.0%	100.0%
1,019	13	0.0%	100.0%
1,020	10	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,021	11	0.0%	100.0%
1,022	9	0.0%	100.0%
1,023	9	0.0%	100.0%
1,024	12	0.0%	100.0%
1,025	14	0.0%	100.0%
1,026	10	0.0%	100.0%
1,027	11	0.0%	100.0%
1,028	15	0.0%	100.0%
1,029	13	0.0%	100.0%
1,030	11	0.0%	100.0%
1,031	11	0.0%	100.0%
1,032	8	0.0%	100.0%
1,033	10	0.0%	100.0%
1,034	10	0.0%	100.0%
1,035	16	0.0%	100.0%
1,036	16	0.0%	100.0%
1,037	7	0.0%	100.0%
1,038	10	0.0%	100.0%
1,039	17	0.0%	100.0%
1,040	8	0.0%	100.0%
1,041	7	0.0%	100.0%
1,042	15	0.0%	100.0%
1,043	14	0.0%	100.0%
1,044	14	0.0%	100.0%
1,045	10	0.0%	100.0%
1,046	11	0.0%	100.0%
1,047	12	0.0%	100.0%
1,048	12	0.0%	100.0%
1,049	8	0.0%	100.0%
1,050	5	0.0%	100.0%
1,051	8	0.0%	100.0%
1,052	12	0.0%	100.0%
1,053	10	0.0%	100.0%
1,054	9	0.0%	100.0%
1,055	6	0.0%	100.0%
1,056	8	0.0%	100.0%
1,057	8	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,058	14	0.0%	100.0%
1,059	17	0.0%	100.0%
1,060	14	0.0%	100.0%
1,061	14	0.0%	100.0%
1,062	9	0.0%	100.0%
1,063	5	0.0%	100.0%
1,064	10	0.0%	100.0%
1,065	18	0.0%	100.0%
1,066	11	0.0%	100.0%
1,067	11	0.0%	100.0%
1,068	11	0.0%	100.0%
1,069	12	0.0%	100.0%
1,070	9	0.0%	100.0%
1,071	11	0.0%	100.0%
1,072	6	0.0%	100.0%
1,073	10	0.0%	100.0%
1,074	15	0.0%	100.0%
1,075	17	0.0%	100.0%
1,076	9	0.0%	100.0%
1,077	12	0.0%	100.0%
1,078	10	0.0%	100.0%
1,079	4	0.0%	100.0%
1,080	7	0.0%	100.0%
1,081	10	0.0%	100.0%
1,082	8	0.0%	100.0%
1,083	10	0.0%	100.0%
1,084	4	0.0%	100.0%
1,085	5	0.0%	100.0%
1,086	10	0.0%	100.0%
1,087	7	0.0%	100.0%
1,088	14	0.0%	100.0%
1,089	10	0.0%	100.0%
1,090	6	0.0%	100.0%
1,091	10	0.0%	100.0%
1,092	7	0.0%	100.0%
1,093	14	0.0%	100.0%
1,094	3	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,095	3	0.0%	100.0%
1,096	8	0.0%	100.0%
1,097	10	0.0%	100.0%
1,098	10	0.0%	100.0%
1,099	4	0.0%	100.0%
1,100	5	0.0%	100.0%
1,101	6	0.0%	100.0%
1,102	11	0.0%	100.0%
1,103	8	0.0%	100.0%
1,104	9	0.0%	100.0%
1,105	11	0.0%	100.0%
1,106	5	0.0%	100.0%
1,107	7	0.0%	100.0%
1,108	8	0.0%	100.0%
1,109	6	0.0%	100.0%
1,110	10	0.0%	100.0%
1,111	7	0.0%	100.0%
1,112	8	0.0%	100.0%
1,113	7	0.0%	100.0%
1,114	4	0.0%	100.0%
1,115	7	0.0%	100.0%
1,116	4	0.0%	100.0%
1,117	6	0.0%	100.0%
1,118	9	0.0%	100.0%
1,119	7	0.0%	100.0%
1,120	4	0.0%	100.0%
1,121	6	0.0%	100.0%
1,122	12	0.0%	100.0%
1,123	6	0.0%	100.0%
1,124	5	0.0%	100.0%
1,125	3	0.0%	100.0%
1,126	4	0.0%	100.0%
1,127	7	0.0%	100.0%
1,128	6	0.0%	100.0%
1,129	3	0.0%	100.0%
1,130	10	0.0%	100.0%
1,131	9	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,132	6	0.0%	100.0%
1,133	11	0.0%	100.0%
1,134	8	0.0%	100.0%
1,135	8	0.0%	100.0%
1,136	3	0.0%	100.0%
1,137	5	0.0%	100.0%
1,138	6	0.0%	100.0%
1,139	8	0.0%	100.0%
1,140	5	0.0%	100.0%
1,141	9	0.0%	100.0%
1,142	4	0.0%	100.0%
1,143	4	0.0%	100.0%
1,144	3	0.0%	100.0%
1,145	6	0.0%	100.0%
1,146	2	0.0%	100.0%
1,147	7	0.0%	100.0%
1,148	2	0.0%	100.0%
1,149	6	0.0%	100.0%
1,150	3	0.0%	100.0%
1,151	11	0.0%	100.0%
1,152	8	0.0%	100.0%
1,153	7	0.0%	100.0%
1,154	7	0.0%	100.0%
1,155	4	0.0%	100.0%
1,156	3	0.0%	100.0%
1,157	3	0.0%	100.0%
1,158	5	0.0%	100.0%
1,159	7	0.0%	100.0%
1,160	7	0.0%	100.0%
1,161	6	0.0%	100.0%
1,162	4	0.0%	100.0%
1,163	6	0.0%	100.0%
1,164	1	0.0%	100.0%
1,165	8	0.0%	100.0%
1,166	4	0.0%	100.0%
1,167	2	0.0%	100.0%
1,168	6	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,169	9	0.0%	100.0%
1,170	5	0.0%	100.0%
1,171	3	0.0%	100.0%
1,172	3	0.0%	100.0%
1,173	8	0.0%	100.0%
1,174	3	0.0%	100.0%
1,175	4	0.0%	100.0%
1,177	4	0.0%	100.0%
1,178	9	0.0%	100.0%
1,179	6	0.0%	100.0%
1,180	6	0.0%	100.0%
1,181	4	0.0%	100.0%
1,182	3	0.0%	100.0%
1,183	4	0.0%	100.0%
1,184	11	0.0%	100.0%
1,185	7	0.0%	100.0%
1,186	3	0.0%	100.0%
1,187	5	0.0%	100.0%
1,188	6	0.0%	100.0%
1,189	2	0.0%	100.0%
1,190	2	0.0%	100.0%
1,191	2	0.0%	100.0%
1,192	4	0.0%	100.0%
1,193	4	0.0%	100.0%
1,194	8	0.0%	100.0%
1,195	2	0.0%	100.0%
1,196	7	0.0%	100.0%
1,197	3	0.0%	100.0%
1,198	5	0.0%	100.0%
1,199	2	0.0%	100.0%
1,200	5	0.0%	100.0%
1,201	5	0.0%	100.0%
1,202	6	0.0%	100.0%
1,203	4	0.0%	100.0%
1,204	6	0.0%	100.0%
1,205	6	0.0%	100.0%
1,206	3	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,207	2	0.0%	100.0%
1,208	4	0.0%	100.0%
1,209	10	0.0%	100.0%
1,210	6	0.0%	100.0%
1,211	3	0.0%	100.0%
1,212	6	0.0%	100.0%
1,213	1	0.0%	100.0%
1,214	3	0.0%	100.0%
1,215	7	0.0%	100.0%
1,216	1	0.0%	100.0%
1,217	1	0.0%	100.0%
1,218	4	0.0%	100.0%
1,219	3	0.0%	100.0%
1,220	1	0.0%	100.0%
1,222	7	0.0%	100.0%
1,223	5	0.0%	100.0%
1,224	2	0.0%	100.0%
1,225	5	0.0%	100.0%
1,226	3	0.0%	100.0%
1,227	5	0.0%	100.0%
1,228	4	0.0%	100.0%
1,229	3	0.0%	100.0%
1,230	5	0.0%	100.0%
1,231	3	0.0%	100.0%
1,232	1	0.0%	100.0%
1,233	4	0.0%	100.0%
1,234	3	0.0%	100.0%
1,235	2	0.0%	100.0%
1,236	1	0.0%	100.0%
1,237	7	0.0%	100.0%
1,238	6	0.0%	100.0%
1,239	5	0.0%	100.0%
1,240	5	0.0%	100.0%
1,241	3	0.0%	100.0%
1,242	7	0.0%	100.0%
1,243	6	0.0%	100.0%
1,244	4	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,245	5	0.0%	100.0%
1,246	7	0.0%	100.0%
1,247	1	0.0%	100.0%
1,248	3	0.0%	100.0%
1,249	5	0.0%	100.0%
1,250	2	0.0%	100.0%
1,251	4	0.0%	100.0%
1,252	4	0.0%	100.0%
1,253	1	0.0%	100.0%
1,254	4	0.0%	100.0%
1,256	5	0.0%	100.0%
1,257	3	0.0%	100.0%
1,258	2	0.0%	100.0%
1,259	2	0.0%	100.0%
1,260	1	0.0%	100.0%
1,261	3	0.0%	100.0%
1,262	3	0.0%	100.0%
1,264	4	0.0%	100.0%
1,265	3	0.0%	100.0%
1,266	2	0.0%	100.0%
1,267	3	0.0%	100.0%
1,268	4	0.0%	100.0%
1,269	9	0.0%	100.0%
1,270	2	0.0%	100.0%
1,271	5	0.0%	100.0%
1,272	1	0.0%	100.0%
1,273	3	0.0%	100.0%
1,274	4	0.0%	100.0%
1,275	3	0.0%	100.0%
1,276	2	0.0%	100.0%
1,277	1	0.0%	100.0%
1,278	5	0.0%	100.0%
1,279	3	0.0%	100.0%
1,280	5	0.0%	100.0%
1,281	4	0.0%	100.0%
1,282	4	0.0%	100.0%
1,283	6	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,284	3	0.0%	100.0%
1,285	2	0.0%	100.0%
1,286	3	0.0%	100.0%
1,287	4	0.0%	100.0%
1,288	1	0.0%	100.0%
1,289	4	0.0%	100.0%
1,290	4	0.0%	100.0%
1,291	4	0.0%	100.0%
1,292	4	0.0%	100.0%
1,293	5	0.0%	100.0%
1,294	5	0.0%	100.0%
1,295	4	0.0%	100.0%
1,296	2	0.0%	100.0%
1,297	1	0.0%	100.0%
1,298	3	0.0%	100.0%
1,299	4	0.0%	100.0%
1,300	3	0.0%	100.0%
1,301	2	0.0%	100.0%
1,302	2	0.0%	100.0%
1,303	4	0.0%	100.0%
1,304	3	0.0%	100.0%
1,305	3	0.0%	100.0%
1,306	1	0.0%	100.0%
1,307	3	0.0%	100.0%
1,308	2	0.0%	100.0%
1,309	2	0.0%	100.0%
1,310	4	0.0%	100.0%
1,311	2	0.0%	100.0%
1,312	4	0.0%	100.0%
1,313	2	0.0%	100.0%
1,314	5	0.0%	100.0%
1,315	4	0.0%	100.0%
1,316	2	0.0%	100.0%
1,317	2	0.0%	100.0%
1,318	1	0.0%	100.0%
1,319	5	0.0%	100.0%
1,320	4	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,321	1	0.0%	100.0%
1,322	5	0.0%	100.0%
1,323	2	0.0%	100.0%
1,324	2	0.0%	100.0%
1,325	3	0.0%	100.0%
1,326	1	0.0%	100.0%
1,327	2	0.0%	100.0%
1,328	3	0.0%	100.0%
1,329	3	0.0%	100.0%
1,330	2	0.0%	100.0%
1,331	2	0.0%	100.0%
1,332	2	0.0%	100.0%
1,333	3	0.0%	100.0%
1,334	3	0.0%	100.0%
1,335	3	0.0%	100.0%
1,336	3	0.0%	100.0%
1,337	3	0.0%	100.0%
1,338	4	0.0%	100.0%
1,339	1	0.0%	100.0%
1,341	3	0.0%	100.0%
1,342	1	0.0%	100.0%
1,343	2	0.0%	100.0%
1,344	5	0.0%	100.0%
1,345	1	0.0%	100.0%
1,346	2	0.0%	100.0%
1,347	1	0.0%	100.0%
1,348	3	0.0%	100.0%
1,349	2	0.0%	100.0%
1,350	4	0.0%	100.0%
1,352	3	0.0%	100.0%
1,353	2	0.0%	100.0%
1,354	3	0.0%	100.0%
1,355	5	0.0%	100.0%
1,356	1	0.0%	100.0%
1,357	1	0.0%	100.0%
1,358	1	0.0%	100.0%
1,359	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,360	5	0.0%	100.0%
1,361	1	0.0%	100.0%
1,362	3	0.0%	100.0%
1,363	1	0.0%	100.0%
1,364	1	0.0%	100.0%
1,365	1	0.0%	100.0%
1,366	3	0.0%	100.0%
1,367	3	0.0%	100.0%
1,368	7	0.0%	100.0%
1,369	2	0.0%	100.0%
1,370	4	0.0%	100.0%
1,371	3	0.0%	100.0%
1,372	3	0.0%	100.0%
1,373	1	0.0%	100.0%
1,374	3	0.0%	100.0%
1,375	3	0.0%	100.0%
1,376	1	0.0%	100.0%
1,377	3	0.0%	100.0%
1,378	1	0.0%	100.0%
1,379	4	0.0%	100.0%
1,380	1	0.0%	100.0%
1,381	3	0.0%	100.0%
1,382	2	0.0%	100.0%
1,383	2	0.0%	100.0%
1,386	2	0.0%	100.0%
1,388	2	0.0%	100.0%
1,390	4	0.0%	100.0%
1,393	2	0.0%	100.0%
1,395	1	0.0%	100.0%
1,396	1	0.0%	100.0%
1,397	1	0.0%	100.0%
1,398	3	0.0%	100.0%
1,399	1	0.0%	100.0%
1,400	2	0.0%	100.0%
1,401	1	0.0%	100.0%
1,402	3	0.0%	100.0%
1,403	4	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,405	4	0.0%	100.0%
1,406	2	0.0%	100.0%
1,407	3	0.0%	100.0%
1,408	3	0.0%	100.0%
1,409	2	0.0%	100.0%
1,410	2	0.0%	100.0%
1,411	1	0.0%	100.0%
1,413	1	0.0%	100.0%
1,416	1	0.0%	100.0%
1,417	3	0.0%	100.0%
1,419	1	0.0%	100.0%
1,420	2	0.0%	100.0%
1,421	3	0.0%	100.0%
1,422	2	0.0%	100.0%
1,423	2	0.0%	100.0%
1,424	2	0.0%	100.0%
1,425	2	0.0%	100.0%
1,426	2	0.0%	100.0%
1,427	2	0.0%	100.0%
1,428	1	0.0%	100.0%
1,429	2	0.0%	100.0%
1,430	6	0.0%	100.0%
1,432	1	0.0%	100.0%
1,433	3	0.0%	100.0%
1,434	2	0.0%	100.0%
1,435	1	0.0%	100.0%
1,436	1	0.0%	100.0%
1,437	1	0.0%	100.0%
1,438	4	0.0%	100.0%
1,439	2	0.0%	100.0%
1,440	5	0.0%	100.0%
1,441	1	0.0%	100.0%
1,442	4	0.0%	100.0%
1,443	3	0.0%	100.0%
1,445	1	0.0%	100.0%
1,446	1	0.0%	100.0%
1,448	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,449	2	0.0%	100.0%
1,451	2	0.0%	100.0%
1,452	3	0.0%	100.0%
1,453	5	0.0%	100.0%
1,454	2	0.0%	100.0%
1,455	3	0.0%	100.0%
1,456	1	0.0%	100.0%
1,457	4	0.0%	100.0%
1,458	1	0.0%	100.0%
1,459	2	0.0%	100.0%
1,461	3	0.0%	100.0%
1,462	5	0.0%	100.0%
1,464	2	0.0%	100.0%
1,465	3	0.0%	100.0%
1,467	4	0.0%	100.0%
1,468	4	0.0%	100.0%
1,469	1	0.0%	100.0%
1,470	2	0.0%	100.0%
1,471	3	0.0%	100.0%
1,472	3	0.0%	100.0%
1,473	1	0.0%	100.0%
1,474	1	0.0%	100.0%
1,475	3	0.0%	100.0%
1,476	1	0.0%	100.0%
1,477	1	0.0%	100.0%
1,478	1	0.0%	100.0%
1,479	2	0.0%	100.0%
1,481	1	0.0%	100.0%
1,482	1	0.0%	100.0%
1,483	1	0.0%	100.0%
1,484	3	0.0%	100.0%
1,485	4	0.0%	100.0%
1,486	2	0.0%	100.0%
1,487	3	0.0%	100.0%
1,489	3	0.0%	100.0%
1,490	5	0.0%	100.0%
1,491	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,493	3	0.0%	100.0%
1,494	1	0.0%	100.0%
1,495	1	0.0%	100.0%
1,496	1	0.0%	100.0%
1,497	1	0.0%	100.0%
1,498	1	0.0%	100.0%
1,499	2	0.0%	100.0%
1,500	1	0.0%	100.0%
1,504	2	0.0%	100.0%
1,505	2	0.0%	100.0%
1,506	2	0.0%	100.0%
1,507	1	0.0%	100.0%
1,508	2	0.0%	100.0%
1,509	1	0.0%	100.0%
1,510	2	0.0%	100.0%
1,511	3	0.0%	100.0%
1,512	2	0.0%	100.0%
1,513	1	0.0%	100.0%
1,514	1	0.0%	100.0%
1,515	3	0.0%	100.0%
1,516	1	0.0%	100.0%
1,517	1	0.0%	100.0%
1,518	2	0.0%	100.0%
1,519	1	0.0%	100.0%
1,520	2	0.0%	100.0%
1,521	1	0.0%	100.0%
1,523	5	0.0%	100.0%
1,524	2	0.0%	100.0%
1,525	2	0.0%	100.0%
1,526	2	0.0%	100.0%
1,527	1	0.0%	100.0%
1,528	4	0.0%	100.0%
1,529	2	0.0%	100.0%
1,531	1	0.0%	100.0%
1,533	2	0.0%	100.0%
1,534	1	0.0%	100.0%
1,535	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,536	1	0.0%	100.0%
1,538	1	0.0%	100.0%
1,539	3	0.0%	100.0%
1,540	3	0.0%	100.0%
1,542	1	0.0%	100.0%
1,543	1	0.0%	100.0%
1,544	1	0.0%	100.0%
1,545	1	0.0%	100.0%
1,547	3	0.0%	100.0%
1,549	2	0.0%	100.0%
1,550	3	0.0%	100.0%
1,551	1	0.0%	100.0%
1,552	1	0.0%	100.0%
1,553	1	0.0%	100.0%
1,554	1	0.0%	100.0%
1,555	2	0.0%	100.0%
1,556	3	0.0%	100.0%
1,557	1	0.0%	100.0%
1,558	2	0.0%	100.0%
1,559	2	0.0%	100.0%
1,560	1	0.0%	100.0%
1,561	1	0.0%	100.0%
1,563	2	0.0%	100.0%
1,564	1	0.0%	100.0%
1,565	1	0.0%	100.0%
1,566	1	0.0%	100.0%
1,570	3	0.0%	100.0%
1,571	3	0.0%	100.0%
1,572	3	0.0%	100.0%
1,574	1	0.0%	100.0%
1,575	2	0.0%	100.0%
1,576	1	0.0%	100.0%
1,577	1	0.0%	100.0%
1,578	2	0.0%	100.0%
1,579	2	0.0%	100.0%
1,580	1	0.0%	100.0%
1,581	2	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,582	1	0.0%	100.0%
1,583	2	0.0%	100.0%
1,589	1	0.0%	100.0%
1,591	1	0.0%	100.0%
1,592	2	0.0%	100.0%
1,594	3	0.0%	100.0%
1,595	1	0.0%	100.0%
1,597	2	0.0%	100.0%
1,599	2	0.0%	100.0%
1,601	1	0.0%	100.0%
1,602	2	0.0%	100.0%
1,603	1	0.0%	100.0%
1,604	2	0.0%	100.0%
1,606	2	0.0%	100.0%
1,608	4	0.0%	100.0%
1,609	4	0.0%	100.0%
1,610	1	0.0%	100.0%
1,614	1	0.0%	100.0%
1,615	1	0.0%	100.0%
1,616	1	0.0%	100.0%
1,617	2	0.0%	100.0%
1,618	4	0.0%	100.0%
1,620	1	0.0%	100.0%
1,624	3	0.0%	100.0%
1,625	3	0.0%	100.0%
1,626	3	0.0%	100.0%
1,627	3	0.0%	100.0%
1,628	2	0.0%	100.0%
1,629	2	0.0%	100.0%
1,630	1	0.0%	100.0%
1,631	1	0.0%	100.0%
1,632	1	0.0%	100.0%
1,633	2	0.0%	100.0%
1,634	1	0.0%	100.0%
1,635	2	0.0%	100.0%
1,636	3	0.0%	100.0%
1,639	2	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,640	1	0.0%	100.0%
1,641	5	0.0%	100.0%
1,642	3	0.0%	100.0%
1,643	1	0.0%	100.0%
1,644	1	0.0%	100.0%
1,645	1	0.0%	100.0%
1,648	2	0.0%	100.0%
1,650	1	0.0%	100.0%
1,652	1	0.0%	100.0%
1,653	2	0.0%	100.0%
1,654	1	0.0%	100.0%
1,656	2	0.0%	100.0%
1,657	1	0.0%	100.0%
1,659	1	0.0%	100.0%
1,662	1	0.0%	100.0%
1,663	2	0.0%	100.0%
1,664	2	0.0%	100.0%
1,665	1	0.0%	100.0%
1,666	2	0.0%	100.0%
1,668	1	0.0%	100.0%
1,673	1	0.0%	100.0%
1,674	1	0.0%	100.0%
1,678	2	0.0%	100.0%
1,679	2	0.0%	100.0%
1,680	1	0.0%	100.0%
1,681	1	0.0%	100.0%
1,682	1	0.0%	100.0%
1,683	2	0.0%	100.0%
1,684	2	0.0%	100.0%
1,685	4	0.0%	100.0%
1,686	1	0.0%	100.0%
1,688	1	0.0%	100.0%
1,690	1	0.0%	100.0%
1,691	3	0.0%	100.0%
1,692	1	0.0%	100.0%
1,693	2	0.0%	100.0%
1,695	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,696	1	0.0%	100.0%
1,701	1	0.0%	100.0%
1,702	1	0.0%	100.0%
1,703	2	0.0%	100.0%
1,705	2	0.0%	100.0%
1,706	1	0.0%	100.0%
1,707	1	0.0%	100.0%
1,712	2	0.0%	100.0%
1,713	2	0.0%	100.0%
1,715	1	0.0%	100.0%
1,721	1	0.0%	100.0%
1,722	1	0.0%	100.0%
1,723	1	0.0%	100.0%
1,725	1	0.0%	100.0%
1,726	2	0.0%	100.0%
1,727	2	0.0%	100.0%
1,728	2	0.0%	100.0%
1,731	2	0.0%	100.0%
1,734	1	0.0%	100.0%
1,735	4	0.0%	100.0%
1,737	1	0.0%	100.0%
1,738	2	0.0%	100.0%
1,739	1	0.0%	100.0%
1,741	1	0.0%	100.0%
1,743	2	0.0%	100.0%
1,744	1	0.0%	100.0%
1,747	1	0.0%	100.0%
1,753	1	0.0%	100.0%
1,754	1	0.0%	100.0%
1,756	1	0.0%	100.0%
1,757	4	0.0%	100.0%
1,760	2	0.0%	100.0%
1,762	2	0.0%	100.0%
1,765	3	0.0%	100.0%
1,766	1	0.0%	100.0%
1,768	1	0.0%	100.0%
1,769	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,770	1	0.0%	100.0%
1,776	1	0.0%	100.0%
1,781	1	0.0%	100.0%
1,783	2	0.0%	100.0%
1,784	1	0.0%	100.0%
1,785	1	0.0%	100.0%
1,786	1	0.0%	100.0%
1,787	2	0.0%	100.0%
1,788	1	0.0%	100.0%
1,789	1	0.0%	100.0%
1,795	1	0.0%	100.0%
1,797	1	0.0%	100.0%
1,799	1	0.0%	100.0%
1,801	3	0.0%	100.0%
1,803	2	0.0%	100.0%
1,804	1	0.0%	100.0%
1,807	1	0.0%	100.0%
1,812	1	0.0%	100.0%
1,813	4	0.0%	100.0%
1,816	1	0.0%	100.0%
1,818	1	0.0%	100.0%
1,819	2	0.0%	100.0%
1,820	1	0.0%	100.0%
1,825	2	0.0%	100.0%
1,826	1	0.0%	100.0%
1,827	1	0.0%	100.0%
1,829	4	0.0%	100.0%
1,830	1	0.0%	100.0%
1,831	1	0.0%	100.0%
1,832	1	0.0%	100.0%
1,835	1	0.0%	100.0%
1,836	2	0.0%	100.0%
1,837	2	0.0%	100.0%
1,839	1	0.0%	100.0%
1,840	2	0.0%	100.0%
1,841	1	0.0%	100.0%
1,842	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,843	2	0.0%	100.0%
1,844	2	0.0%	100.0%
1,845	1	0.0%	100.0%
1,846	1	0.0%	100.0%
1,847	1	0.0%	100.0%
1,848	1	0.0%	100.0%
1,850	1	0.0%	100.0%
1,859	1	0.0%	100.0%
1,861	2	0.0%	100.0%
1,863	1	0.0%	100.0%
1,864	1	0.0%	100.0%
1,866	1	0.0%	100.0%
1,867	3	0.0%	100.0%
1,868	1	0.0%	100.0%
1,877	1	0.0%	100.0%
1,878	1	0.0%	100.0%
1,880	1	0.0%	100.0%
1,882	1	0.0%	100.0%
1,884	1	0.0%	100.0%
1,886	1	0.0%	100.0%
1,887	1	0.0%	100.0%
1,889	1	0.0%	100.0%
1,890	2	0.0%	100.0%
1,891	2	0.0%	100.0%
1,892	3	0.0%	100.0%
1,894	1	0.0%	100.0%
1,895	2	0.0%	100.0%
1,897	1	0.0%	100.0%
1,901	2	0.0%	100.0%
1,903	1	0.0%	100.0%
1,904	1	0.0%	100.0%
1,909	1	0.0%	100.0%
1,910	2	0.0%	100.0%
1,913	1	0.0%	100.0%
1,914	1	0.0%	100.0%
1,915	1	0.0%	100.0%
1,919	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,924	1	0.0%	100.0%
1,926	1	0.0%	100.0%
1,930	1	0.0%	100.0%
1,931	1	0.0%	100.0%
1,932	1	0.0%	100.0%
1,933	2	0.0%	100.0%
1,936	1	0.0%	100.0%
1,940	2	0.0%	100.0%
1,941	2	0.0%	100.0%
1,943	2	0.0%	100.0%
1,945	2	0.0%	100.0%
1,946	2	0.0%	100.0%
1,949	1	0.0%	100.0%
1,950	3	0.0%	100.0%
1,951	1	0.0%	100.0%
1,952	2	0.0%	100.0%
1,953	1	0.0%	100.0%
1,957	2	0.0%	100.0%
1,958	1	0.0%	100.0%
1,968	1	0.0%	100.0%
1,969	2	0.0%	100.0%
1,971	1	0.0%	100.0%
1,975	1	0.0%	100.0%
1,977	1	0.0%	100.0%
1,978	1	0.0%	100.0%
1,980	1	0.0%	100.0%
1,981	1	0.0%	100.0%
1,985	1	0.0%	100.0%
1,986	2	0.0%	100.0%
1,987	1	0.0%	100.0%
1,989	2	0.0%	100.0%
1,990	1	0.0%	100.0%
1,992	2	0.0%	100.0%
1,993	2	0.0%	100.0%
1,994	1	0.0%	100.0%
1,995	3	0.0%	100.0%
1,997	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,998	2	0.0%	100.0%
1,999	3	0.0%	100.0%
2,000	3	0.0%	100.0%
2,001	1	0.0%	100.0%
2,002	1	0.0%	100.0%
2,003	1	0.0%	100.0%
2,005	1	0.0%	100.0%
2,007	1	0.0%	100.0%
2,008	1	0.0%	100.0%
2,009	1	0.0%	100.0%
2,010	1	0.0%	100.0%
2,011	1	0.0%	100.0%
2,012	3	0.0%	100.0%
2,013	3	0.0%	100.0%
2,014	2	0.0%	100.0%
2,015	4	0.0%	100.0%
2,016	2	0.0%	100.0%
2,017	5	0.0%	100.0%
2,018	3	0.0%	100.0%
2,019	3	0.0%	100.0%
2,020	2	0.0%	100.0%
2,021	2	0.0%	100.0%
2,022	2	0.0%	100.0%
2,023	2	0.0%	100.0%
2,024	1	0.0%	100.0%
2,025	2	0.0%	100.0%
2,026	4	0.0%	100.0%
2,027	6	0.0%	100.0%
2,028	4	0.0%	100.0%
2,029	7	0.0%	100.0%
2,030	11	0.0%	100.0%
2,031	4	0.0%	100.0%
2,032	10	0.0%	100.0%
2,033	8	0.0%	100.0%
2,034	12	0.0%	100.0%
2,093	1	0.0%	100.0%
2,106	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
2,218	1	0.0%	100.0%
2,429	1	0.0%	100.0%
2,497	1	0.0%	100.0%

1.6 Distribution of matched read length

Length	Count	Percentage	Cummulative Percentage
25	376,060	0.2%	0.2%
26	483,774	0.2%	0.4%
27	608,876	0.3%	0.8%
28	520,240	0.3%	1.0%
29	610,921	0.3%	1.3%
30	655,249	0.3%	1.7%
31	746,637	0.4%	2.1%
32	839,891	0.4%	2.5%
33	1,121,428	0.6%	3.1%
34	2,307,971	1.2%	4.3%
35	1,312,509	0.7%	4.9%
36	132,630,824	68.5%	73.4%
37	481,913	0.2%	73.7%
38	581,629	0.3%	74.0%
39	751,232	0.4%	74.4%
40	768,796	0.4%	74.8%
41	546,970	0.3%	75.0%
42	381,768	0.2%	75.2%
43	275,171	0.1%	75.4%
44	265,901	0.1%	75.5%
45	317,090	0.2%	75.7%
46	202,479	0.1%	75.8%
47	173,035	0.1%	75.9%
48	185,442	0.1%	76.0%
49	266,744	0.1%	76.1%
50	349,562	0.2%	76.3%
51	212,136	0.1%	76.4%
52	248,770	0.1%	76.5%
53	257,447	0.1%	76.7%
54	306,965	0.2%	76.8%

Length	Count	Percentage	Cummulative Percentage
55	397,417	0.2%	77.0%
56	249,227	0.1%	77.1%
57	338,395	0.2%	77.3%
58	357,609	0.2%	77.5%
59	529,951	0.3%	77.8%
60	467,622	0.2%	78.0%
61	431,179	0.2%	78.2%
62	458,077	0.2%	78.5%
63	1,055,516	0.5%	79.0%
64	946,670	0.5%	79.5%
65	1,115,654	0.6%	80.1%
66	2,620,897	1.4%	81.4%
67	1,075,617	0.6%	82.0%
68	832,944	0.4%	82.4%
69	11,266,577	5.8%	88.2%
70	1,301,542	0.7%	88.9%
71	21,161,556	10.9%	99.8%
72	1	0.0%	99.8%
73	3	0.0%	99.8%
74	1	0.0%	99.8%
75	4	0.0%	99.8%
76	2	0.0%	99.8%
77	2	0.0%	99.8%
78	4	0.0%	99.8%
79	4	0.0%	99.8%
80	6	0.0%	99.8%
81	3	0.0%	99.8%
82	4	0.0%	99.8%
83	6	0.0%	99.8%
84	5	0.0%	99.8%
85	2	0.0%	99.8%
86	1	0.0%	99.8%
87	4	0.0%	99.8%
88	3	0.0%	99.8%
89	6	0.0%	99.8%
90	2	0.0%	99.8%
91	6	0.0%	99.8%

Length	Count	Percentage	Cummulative Percentage
92	6	0.0%	99.8%
93	2	0.0%	99.8%
94	6	0.0%	99.8%
95	4	0.0%	99.8%
96	10	0.0%	99.8%
97	5	0.0%	99.8%
98	5	0.0%	99.8%
99	6	0.0%	99.8%
100	51	0.0%	99.8%
101	46	0.0%	99.8%
102	44	0.0%	99.8%
103	41	0.0%	99.8%
104	57	0.0%	99.8%
105	39	0.0%	99.8%
106	54	0.0%	99.8%
107	57	0.0%	99.8%
108	53	0.0%	99.8%
109	50	0.0%	99.8%
110	57	0.0%	99.8%
111	60	0.0%	99.8%
112	46	0.0%	99.8%
113	55	0.0%	99.8%
114	63	0.0%	99.8%
115	50	0.0%	99.8%
116	52	0.0%	99.8%
117	71	0.0%	99.8%
118	69	0.0%	99.8%
119	104	0.0%	99.8%
120	122	0.0%	99.8%
121	59	0.0%	99.8%
122	49	0.0%	99.8%
123	50	0.0%	99.8%
124	75	0.0%	99.8%
125	69	0.0%	99.8%
126	53	0.0%	99.8%
127	50	0.0%	99.8%
128	46	0.0%	99.8%

Length	Count	Percentage	Cummulative Percentage
129	40	0.0%	99.8%
130	38	0.0%	99.8%
131	42	0.0%	99.8%
132	47	0.0%	99.8%
133	36	0.0%	99.8%
134	32	0.0%	99.8%
135	39	0.0%	99.8%
136	51	0.0%	99.8%
137	64	0.0%	99.8%
138	52	0.0%	99.8%
139	69	0.0%	99.8%
140	71	0.0%	99.8%
141	39	0.0%	99.8%
142	34	0.0%	99.8%
143	47	0.0%	99.8%
144	65	0.0%	99.8%
145	81	0.0%	99.8%
146	62	0.0%	99.8%
147	37	0.0%	99.8%
148	40	0.0%	99.8%
149	43	0.0%	99.8%
150	30	0.0%	99.8%
151	38	0.0%	99.8%
152	43	0.0%	99.8%
153	31	0.0%	99.8%
154	61	0.0%	99.8%
155	47	0.0%	99.8%
156	52	0.0%	99.8%
157	62	0.0%	99.8%
158	54	0.0%	99.8%
159	84	0.0%	99.8%
160	115	0.0%	99.8%
161	159	0.0%	99.8%
162	167	0.0%	99.8%
163	259	0.0%	99.8%
164	242	0.0%	99.8%
165	268	0.0%	99.8%

Length	Count	Percentage	Cummulative Percentage
166	308	0.0%	99.8%
167	361	0.0%	99.8%
168	375	0.0%	99.8%
169	393	0.0%	99.8%
170	423	0.0%	99.8%
171	442	0.0%	99.8%
172	475	0.0%	99.8%
173	478	0.0%	99.8%
174	502	0.0%	99.8%
175	514	0.0%	99.8%
176	557	0.0%	99.8%
177	592	0.0%	99.8%
178	636	0.0%	99.8%
179	628	0.0%	99.8%
180	573	0.0%	99.8%
181	664	0.0%	99.8%
182	683	0.0%	99.8%
183	690	0.0%	99.8%
184	710	0.0%	99.8%
185	734	0.0%	99.8%
186	750	0.0%	99.8%
187	755	0.0%	99.8%
188	735	0.0%	99.8%
189	760	0.0%	99.8%
190	712	0.0%	99.9%
191	802	0.0%	99.9%
192	822	0.0%	99.9%
193	805	0.0%	99.9%
194	757	0.0%	99.9%
195	741	0.0%	99.9%
196	767	0.0%	99.9%
197	788	0.0%	99.9%
198	806	0.0%	99.9%
199	818	0.0%	99.9%
200	779	0.0%	99.9%
201	742	0.0%	99.9%
202	751	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
203	762	0.0%	99.9%
204	760	0.0%	99.9%
205	782	0.0%	99.9%
206	762	0.0%	99.9%
207	745	0.0%	99.9%
208	709	0.0%	99.9%
209	719	0.0%	99.9%
210	714	0.0%	99.9%
211	698	0.0%	99.9%
212	704	0.0%	99.9%
213	736	0.0%	99.9%
214	708	0.0%	99.9%
215	597	0.0%	99.9%
216	683	0.0%	99.9%
217	688	0.0%	99.9%
218	685	0.0%	99.9%
219	665	0.0%	99.9%
220	675	0.0%	99.9%
221	626	0.0%	99.9%
222	662	0.0%	99.9%
223	682	0.0%	99.9%
224	657	0.0%	99.9%
225	676	0.0%	99.9%
226	643	0.0%	99.9%
227	703	0.0%	99.9%
228	635	0.0%	99.9%
229	671	0.0%	99.9%
230	637	0.0%	99.9%
231	610	0.0%	99.9%
232	648	0.0%	99.9%
233	599	0.0%	99.9%
234	607	0.0%	99.9%
235	581	0.0%	99.9%
236	605	0.0%	99.9%
237	650	0.0%	99.9%
238	652	0.0%	99.9%
239	629	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
240	590	0.0%	99.9%
241	608	0.0%	99.9%
242	595	0.0%	99.9%
243	608	0.0%	99.9%
244	606	0.0%	99.9%
245	550	0.0%	99.9%
246	611	0.0%	99.9%
247	605	0.0%	99.9%
248	662	0.0%	99.9%
249	664	0.0%	99.9%
250	582	0.0%	99.9%
251	599	0.0%	99.9%
252	589	0.0%	99.9%
253	586	0.0%	99.9%
254	543	0.0%	99.9%
255	538	0.0%	99.9%
256	561	0.0%	99.9%
257	504	0.0%	99.9%
258	585	0.0%	99.9%
259	550	0.0%	99.9%
260	524	0.0%	99.9%
261	547	0.0%	99.9%
262	548	0.0%	99.9%
263	489	0.0%	99.9%
264	538	0.0%	99.9%
265	507	0.0%	99.9%
266	479	0.0%	99.9%
267	525	0.0%	99.9%
268	556	0.0%	99.9%
269	503	0.0%	99.9%
270	500	0.0%	99.9%
271	508	0.0%	99.9%
272	497	0.0%	99.9%
273	470	0.0%	99.9%
274	465	0.0%	99.9%
275	492	0.0%	99.9%
276	461	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
277	445	0.0%	99.9%
278	502	0.0%	99.9%
279	496	0.0%	99.9%
280	477	0.0%	99.9%
281	478	0.0%	99.9%
282	452	0.0%	99.9%
283	470	0.0%	99.9%
284	462	0.0%	99.9%
285	471	0.0%	99.9%
286	431	0.0%	99.9%
287	451	0.0%	99.9%
288	464	0.0%	99.9%
289	426	0.0%	99.9%
290	454	0.0%	99.9%
291	455	0.0%	99.9%
292	427	0.0%	99.9%
293	445	0.0%	99.9%
294	421	0.0%	99.9%
295	442	0.0%	99.9%
296	456	0.0%	99.9%
297	429	0.0%	99.9%
298	414	0.0%	99.9%
299	419	0.0%	99.9%
300	386	0.0%	99.9%
301	406	0.0%	99.9%
302	358	0.0%	99.9%
303	431	0.0%	99.9%
304	415	0.0%	99.9%
305	394	0.0%	99.9%
306	376	0.0%	99.9%
307	394	0.0%	99.9%
308	380	0.0%	99.9%
309	390	0.0%	99.9%
310	368	0.0%	99.9%
311	384	0.0%	99.9%
312	361	0.0%	99.9%
313	374	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
314	392	0.0%	99.9%
315	399	0.0%	99.9%
316	379	0.0%	99.9%
317	390	0.0%	99.9%
318	377	0.0%	99.9%
319	348	0.0%	99.9%
320	359	0.0%	99.9%
321	373	0.0%	99.9%
322	356	0.0%	99.9%
323	396	0.0%	99.9%
324	374	0.0%	99.9%
325	341	0.0%	99.9%
326	398	0.0%	99.9%
327	346	0.0%	99.9%
328	365	0.0%	99.9%
329	341	0.0%	99.9%
330	363	0.0%	99.9%
331	307	0.0%	99.9%
332	323	0.0%	99.9%
333	328	0.0%	99.9%
334	330	0.0%	99.9%
335	346	0.0%	99.9%
336	341	0.0%	99.9%
337	352	0.0%	99.9%
338	293	0.0%	99.9%
339	303	0.0%	99.9%
340	324	0.0%	99.9%
341	302	0.0%	99.9%
342	291	0.0%	99.9%
343	293	0.0%	99.9%
344	274	0.0%	99.9%
345	288	0.0%	99.9%
346	297	0.0%	99.9%
347	286	0.0%	99.9%
348	275	0.0%	99.9%
349	283	0.0%	99.9%
350	301	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
351	291	0.0%	99.9%
352	287	0.0%	99.9%
353	293	0.0%	99.9%
354	307	0.0%	99.9%
355	295	0.0%	99.9%
356	291	0.0%	99.9%
357	298	0.0%	99.9%
358	271	0.0%	99.9%
359	299	0.0%	99.9%
360	270	0.0%	99.9%
361	262	0.0%	99.9%
362	305	0.0%	99.9%
363	270	0.0%	99.9%
364	293	0.0%	99.9%
365	262	0.0%	99.9%
366	264	0.0%	99.9%
367	254	0.0%	99.9%
368	227	0.0%	99.9%
369	250	0.0%	99.9%
370	289	0.0%	99.9%
371	260	0.0%	99.9%
372	250	0.0%	99.9%
373	264	0.0%	99.9%
374	234	0.0%	99.9%
375	260	0.0%	99.9%
376	243	0.0%	99.9%
377	252	0.0%	99.9%
378	284	0.0%	99.9%
379	240	0.0%	99.9%
380	216	0.0%	99.9%
381	222	0.0%	99.9%
382	213	0.0%	99.9%
383	204	0.0%	99.9%
384	225	0.0%	99.9%
385	256	0.0%	99.9%
386	194	0.0%	99.9%
387	220	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
388	230	0.0%	99.9%
389	237	0.0%	99.9%
390	217	0.0%	99.9%
391	206	0.0%	99.9%
392	220	0.0%	99.9%
393	216	0.0%	99.9%
394	199	0.0%	99.9%
395	212	0.0%	99.9%
396	209	0.0%	99.9%
397	226	0.0%	99.9%
398	209	0.0%	99.9%
399	213	0.0%	99.9%
400	277	0.0%	99.9%
401	230	0.0%	99.9%
402	214	0.0%	99.9%
403	224	0.0%	99.9%
404	214	0.0%	99.9%
405	208	0.0%	99.9%
406	208	0.0%	99.9%
407	247	0.0%	99.9%
408	206	0.0%	99.9%
409	224	0.0%	99.9%
410	207	0.0%	99.9%
411	206	0.0%	99.9%
412	210	0.0%	99.9%
413	204	0.0%	99.9%
414	200	0.0%	99.9%
415	211	0.0%	99.9%
416	182	0.0%	99.9%
417	230	0.0%	99.9%
418	223	0.0%	99.9%
419	235	0.0%	99.9%
420	198	0.0%	99.9%
421	219	0.0%	99.9%
422	203	0.0%	99.9%
423	198	0.0%	99.9%
424	212	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
425	219	0.0%	99.9%
426	203	0.0%	99.9%
427	211	0.0%	99.9%
428	225	0.0%	99.9%
429	215	0.0%	99.9%
430	224	0.0%	99.9%
431	228	0.0%	99.9%
432	225	0.0%	99.9%
433	214	0.0%	99.9%
434	267	0.0%	99.9%
435	231	0.0%	99.9%
436	221	0.0%	99.9%
437	225	0.0%	99.9%
438	214	0.0%	99.9%
439	224	0.0%	99.9%
440	267	0.0%	99.9%
441	244	0.0%	99.9%
442	272	0.0%	99.9%
443	243	0.0%	99.9%
444	234	0.0%	99.9%
445	264	0.0%	99.9%
446	236	0.0%	99.9%
447	241	0.0%	99.9%
448	283	0.0%	99.9%
449	252	0.0%	99.9%
450	253	0.0%	99.9%
451	252	0.0%	99.9%
452	259	0.0%	99.9%
453	284	0.0%	99.9%
454	284	0.0%	99.9%
455	276	0.0%	99.9%
456	296	0.0%	99.9%
457	296	0.0%	99.9%
458	283	0.0%	99.9%
459	293	0.0%	99.9%
460	299	0.0%	99.9%
461	295	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
462	312	0.0%	99.9%
463	325	0.0%	99.9%
464	299	0.0%	99.9%
465	371	0.0%	99.9%
466	350	0.0%	99.9%
467	414	0.0%	99.9%
468	361	0.0%	99.9%
469	397	0.0%	99.9%
470	358	0.0%	99.9%
471	419	0.0%	99.9%
472	401	0.0%	99.9%
473	395	0.0%	99.9%
474	434	0.0%	99.9%
475	425	0.0%	99.9%
476	469	0.0%	99.9%
477	424	0.0%	99.9%
478	458	0.0%	99.9%
479	486	0.0%	99.9%
480	510	0.0%	99.9%
481	495	0.0%	99.9%
482	569	0.0%	99.9%
483	582	0.0%	99.9%
484	579	0.0%	99.9%
485	597	0.0%	99.9%
486	618	0.0%	99.9%
487	634	0.0%	99.9%
488	615	0.0%	99.9%
489	722	0.0%	99.9%
490	713	0.0%	99.9%
491	730	0.0%	99.9%
492	801	0.0%	99.9%
493	770	0.0%	99.9%
494	818	0.0%	99.9%
495	882	0.0%	99.9%
496	887	0.0%	99.9%
497	998	0.0%	99.9%
498	985	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
499	993	0.0%	99.9%
500	1,087	0.0%	99.9%
501	1,069	0.0%	99.9%
502	1,164	0.0%	99.9%
503	1,225	0.0%	99.9%
504	1,299	0.0%	99.9%
505	1,362	0.0%	99.9%
506	1,376	0.0%	99.9%
507	1,410	0.0%	99.9%
508	1,525	0.0%	99.9%
509	1,568	0.0%	99.9%
510	1,598	0.0%	99.9%
511	1,619	0.0%	99.9%
512	1,760	0.0%	99.9%
513	1,715	0.0%	99.9%
514	1,751	0.0%	99.9%
515	1,818	0.0%	99.9%
516	1,804	0.0%	99.9%
517	1,898	0.0%	99.9%
518	1,962	0.0%	99.9%
519	1,962	0.0%	99.9%
520	2,001	0.0%	99.9%
521	2,114	0.0%	99.9%
522	2,100	0.0%	99.9%
523	2,228	0.0%	99.9%
524	2,196	0.0%	99.9%
525	2,227	0.0%	99.9%
526	2,231	0.0%	99.9%
527	2,210	0.0%	99.9%
528	2,246	0.0%	99.9%
529	2,278	0.0%	99.9%
530	2,283	0.0%	99.9%
531	2,278	0.0%	99.9%
532	2,294	0.0%	99.9%
533	2,300	0.0%	99.9%
534	2,285	0.0%	100.0%
535	2,271	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
536	2,218	0.0%	100.0%
537	2,151	0.0%	100.0%
538	2,157	0.0%	100.0%
539	2,165	0.0%	100.0%
540	2,107	0.0%	100.0%
541	2,130	0.0%	100.0%
542	2,051	0.0%	100.0%
543	2,068	0.0%	100.0%
544	2,020	0.0%	100.0%
545	1,964	0.0%	100.0%
546	2,040	0.0%	100.0%
547	1,979	0.0%	100.0%
548	1,831	0.0%	100.0%
549	1,881	0.0%	100.0%
550	1,912	0.0%	100.0%
551	1,774	0.0%	100.0%
552	1,780	0.0%	100.0%
553	1,757	0.0%	100.0%
554	1,739	0.0%	100.0%
555	1,684	0.0%	100.0%
556	1,566	0.0%	100.0%
557	1,499	0.0%	100.0%
558	1,483	0.0%	100.0%
559	1,493	0.0%	100.0%
560	1,418	0.0%	100.0%
561	1,335	0.0%	100.0%
562	1,383	0.0%	100.0%
563	1,330	0.0%	100.0%
564	1,227	0.0%	100.0%
565	1,246	0.0%	100.0%
566	1,216	0.0%	100.0%
567	1,205	0.0%	100.0%
568	1,184	0.0%	100.0%
569	1,032	0.0%	100.0%
570	1,040	0.0%	100.0%
571	1,033	0.0%	100.0%
572	939	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
573	910	0.0%	100.0%
574	872	0.0%	100.0%
575	830	0.0%	100.0%
576	790	0.0%	100.0%
577	776	0.0%	100.0%
578	793	0.0%	100.0%
579	709	0.0%	100.0%
580	713	0.0%	100.0%
581	683	0.0%	100.0%
582	625	0.0%	100.0%
583	634	0.0%	100.0%
584	628	0.0%	100.0%
585	583	0.0%	100.0%
586	598	0.0%	100.0%
587	490	0.0%	100.0%
588	495	0.0%	100.0%
589	501	0.0%	100.0%
590	453	0.0%	100.0%
591	447	0.0%	100.0%
592	438	0.0%	100.0%
593	413	0.0%	100.0%
594	407	0.0%	100.0%
595	401	0.0%	100.0%
596	361	0.0%	100.0%
597	359	0.0%	100.0%
598	348	0.0%	100.0%
599	331	0.0%	100.0%
600	326	0.0%	100.0%
601	311	0.0%	100.0%
602	287	0.0%	100.0%
603	285	0.0%	100.0%
604	284	0.0%	100.0%
605	271	0.0%	100.0%
606	252	0.0%	100.0%
607	267	0.0%	100.0%
608	242	0.0%	100.0%
609	262	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
610	186	0.0%	100.0%
611	215	0.0%	100.0%
612	240	0.0%	100.0%
613	188	0.0%	100.0%
614	182	0.0%	100.0%
615	218	0.0%	100.0%
616	199	0.0%	100.0%
617	184	0.0%	100.0%
618	166	0.0%	100.0%
619	179	0.0%	100.0%
620	135	0.0%	100.0%
621	182	0.0%	100.0%
622	139	0.0%	100.0%
623	165	0.0%	100.0%
624	160	0.0%	100.0%
625	140	0.0%	100.0%
626	169	0.0%	100.0%
627	122	0.0%	100.0%
628	136	0.0%	100.0%
629	158	0.0%	100.0%
630	116	0.0%	100.0%
631	114	0.0%	100.0%
632	122	0.0%	100.0%
633	109	0.0%	100.0%
634	124	0.0%	100.0%
635	107	0.0%	100.0%
636	107	0.0%	100.0%
637	110	0.0%	100.0%
638	90	0.0%	100.0%
639	101	0.0%	100.0%
640	107	0.0%	100.0%
641	98	0.0%	100.0%
642	117	0.0%	100.0%
643	100	0.0%	100.0%
644	104	0.0%	100.0%
645	79	0.0%	100.0%
646	79	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
647	81	0.0%	100.0%
648	66	0.0%	100.0%
649	87	0.0%	100.0%
650	89	0.0%	100.0%
651	85	0.0%	100.0%
652	89	0.0%	100.0%
653	78	0.0%	100.0%
654	73	0.0%	100.0%
655	81	0.0%	100.0%
656	80	0.0%	100.0%
657	78	0.0%	100.0%
658	73	0.0%	100.0%
659	65	0.0%	100.0%
660	74	0.0%	100.0%
661	76	0.0%	100.0%
662	57	0.0%	100.0%
663	66	0.0%	100.0%
664	65	0.0%	100.0%
665	73	0.0%	100.0%
666	60	0.0%	100.0%
667	56	0.0%	100.0%
668	57	0.0%	100.0%
669	55	0.0%	100.0%
670	54	0.0%	100.0%
671	71	0.0%	100.0%
672	63	0.0%	100.0%
673	58	0.0%	100.0%
674	54	0.0%	100.0%
675	47	0.0%	100.0%
676	52	0.0%	100.0%
677	60	0.0%	100.0%
678	59	0.0%	100.0%
679	56	0.0%	100.0%
680	49	0.0%	100.0%
681	54	0.0%	100.0%
682	43	0.0%	100.0%
683	40	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
684	45	0.0%	100.0%
685	42	0.0%	100.0%
686	45	0.0%	100.0%
687	40	0.0%	100.0%
688	31	0.0%	100.0%
689	60	0.0%	100.0%
690	45	0.0%	100.0%
691	46	0.0%	100.0%
692	46	0.0%	100.0%
693	43	0.0%	100.0%
694	47	0.0%	100.0%
695	48	0.0%	100.0%
696	31	0.0%	100.0%
697	33	0.0%	100.0%
698	43	0.0%	100.0%
699	40	0.0%	100.0%
700	28	0.0%	100.0%
701	35	0.0%	100.0%
702	33	0.0%	100.0%
703	36	0.0%	100.0%
704	30	0.0%	100.0%
705	16	0.0%	100.0%
706	33	0.0%	100.0%
707	38	0.0%	100.0%
708	40	0.0%	100.0%
709	38	0.0%	100.0%
710	29	0.0%	100.0%
711	37	0.0%	100.0%
712	36	0.0%	100.0%
713	30	0.0%	100.0%
714	29	0.0%	100.0%
715	31	0.0%	100.0%
716	35	0.0%	100.0%
717	29	0.0%	100.0%
718	22	0.0%	100.0%
719	35	0.0%	100.0%
720	42	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
721	28	0.0%	100.0%
722	31	0.0%	100.0%
723	31	0.0%	100.0%
724	21	0.0%	100.0%
725	31	0.0%	100.0%
726	41	0.0%	100.0%
727	19	0.0%	100.0%
728	24	0.0%	100.0%
729	26	0.0%	100.0%
730	22	0.0%	100.0%
731	26	0.0%	100.0%
732	34	0.0%	100.0%
733	22	0.0%	100.0%
734	29	0.0%	100.0%
735	32	0.0%	100.0%
736	27	0.0%	100.0%
737	22	0.0%	100.0%
738	23	0.0%	100.0%
739	16	0.0%	100.0%
740	20	0.0%	100.0%
741	21	0.0%	100.0%
742	25	0.0%	100.0%
743	28	0.0%	100.0%
744	27	0.0%	100.0%
745	29	0.0%	100.0%
746	28	0.0%	100.0%
747	20	0.0%	100.0%
748	31	0.0%	100.0%
749	17	0.0%	100.0%
750	28	0.0%	100.0%
751	22	0.0%	100.0%
752	25	0.0%	100.0%
753	20	0.0%	100.0%
754	24	0.0%	100.0%
755	19	0.0%	100.0%
756	19	0.0%	100.0%
757	27	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
758	22	0.0%	100.0%
759	23	0.0%	100.0%
760	24	0.0%	100.0%
761	24	0.0%	100.0%
762	18	0.0%	100.0%
763	18	0.0%	100.0%
764	19	0.0%	100.0%
765	19	0.0%	100.0%
766	25	0.0%	100.0%
767	20	0.0%	100.0%
768	29	0.0%	100.0%
769	12	0.0%	100.0%
770	27	0.0%	100.0%
771	11	0.0%	100.0%
772	21	0.0%	100.0%
773	19	0.0%	100.0%
774	20	0.0%	100.0%
775	14	0.0%	100.0%
776	20	0.0%	100.0%
777	19	0.0%	100.0%
778	14	0.0%	100.0%
779	14	0.0%	100.0%
780	13	0.0%	100.0%
781	14	0.0%	100.0%
782	14	0.0%	100.0%
783	13	0.0%	100.0%
784	21	0.0%	100.0%
785	17	0.0%	100.0%
786	13	0.0%	100.0%
787	15	0.0%	100.0%
788	20	0.0%	100.0%
789	14	0.0%	100.0%
790	14	0.0%	100.0%
791	20	0.0%	100.0%
792	17	0.0%	100.0%
793	13	0.0%	100.0%
794	16	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
795	14	0.0%	100.0%
796	10	0.0%	100.0%
797	14	0.0%	100.0%
798	16	0.0%	100.0%
799	18	0.0%	100.0%
800	16	0.0%	100.0%
801	7	0.0%	100.0%
802	11	0.0%	100.0%
803	16	0.0%	100.0%
804	16	0.0%	100.0%
805	14	0.0%	100.0%
806	16	0.0%	100.0%
807	21	0.0%	100.0%
808	14	0.0%	100.0%
809	12	0.0%	100.0%
810	20	0.0%	100.0%
811	10	0.0%	100.0%
812	12	0.0%	100.0%
813	13	0.0%	100.0%
814	10	0.0%	100.0%
815	10	0.0%	100.0%
816	16	0.0%	100.0%
817	17	0.0%	100.0%
818	11	0.0%	100.0%
819	13	0.0%	100.0%
820	13	0.0%	100.0%
821	12	0.0%	100.0%
822	15	0.0%	100.0%
823	11	0.0%	100.0%
824	15	0.0%	100.0%
825	11	0.0%	100.0%
826	13	0.0%	100.0%
827	8	0.0%	100.0%
828	20	0.0%	100.0%
829	19	0.0%	100.0%
830	10	0.0%	100.0%
831	19	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
832	13	0.0%	100.0%
833	20	0.0%	100.0%
834	7	0.0%	100.0%
835	11	0.0%	100.0%
836	20	0.0%	100.0%
837	11	0.0%	100.0%
838	10	0.0%	100.0%
839	6	0.0%	100.0%
840	13	0.0%	100.0%
841	8	0.0%	100.0%
842	18	0.0%	100.0%
843	14	0.0%	100.0%
844	19	0.0%	100.0%
845	12	0.0%	100.0%
846	16	0.0%	100.0%
847	13	0.0%	100.0%
848	6	0.0%	100.0%
849	10	0.0%	100.0%
850	11	0.0%	100.0%
851	11	0.0%	100.0%
852	17	0.0%	100.0%
853	20	0.0%	100.0%
854	13	0.0%	100.0%
855	16	0.0%	100.0%
856	14	0.0%	100.0%
857	10	0.0%	100.0%
858	11	0.0%	100.0%
859	9	0.0%	100.0%
860	9	0.0%	100.0%
861	16	0.0%	100.0%
862	6	0.0%	100.0%
863	12	0.0%	100.0%
864	9	0.0%	100.0%
865	18	0.0%	100.0%
866	9	0.0%	100.0%
867	8	0.0%	100.0%
868	10	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
869	13	0.0%	100.0%
870	12	0.0%	100.0%
871	8	0.0%	100.0%
872	8	0.0%	100.0%
873	13	0.0%	100.0%
874	12	0.0%	100.0%
875	16	0.0%	100.0%
876	6	0.0%	100.0%
877	7	0.0%	100.0%
878	9	0.0%	100.0%
879	10	0.0%	100.0%
880	16	0.0%	100.0%
881	8	0.0%	100.0%
882	14	0.0%	100.0%
883	8	0.0%	100.0%
884	10	0.0%	100.0%
885	10	0.0%	100.0%
886	8	0.0%	100.0%
887	9	0.0%	100.0%
888	11	0.0%	100.0%
889	6	0.0%	100.0%
890	10	0.0%	100.0%
891	9	0.0%	100.0%
892	7	0.0%	100.0%
893	7	0.0%	100.0%
894	8	0.0%	100.0%
895	13	0.0%	100.0%
896	10	0.0%	100.0%
897	15	0.0%	100.0%
898	3	0.0%	100.0%
899	9	0.0%	100.0%
900	14	0.0%	100.0%
901	13	0.0%	100.0%
902	6	0.0%	100.0%
903	7	0.0%	100.0%
904	4	0.0%	100.0%
905	4	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
906	8	0.0%	100.0%
907	6	0.0%	100.0%
908	4	0.0%	100.0%
909	4	0.0%	100.0%
910	7	0.0%	100.0%
911	8	0.0%	100.0%
912	5	0.0%	100.0%
913	3	0.0%	100.0%
914	7	0.0%	100.0%
915	7	0.0%	100.0%
916	3	0.0%	100.0%
917	7	0.0%	100.0%
918	7	0.0%	100.0%
919	9	0.0%	100.0%
920	4	0.0%	100.0%
921	5	0.0%	100.0%
922	8	0.0%	100.0%
923	8	0.0%	100.0%
924	5	0.0%	100.0%
925	6	0.0%	100.0%
926	7	0.0%	100.0%
927	5	0.0%	100.0%
928	14	0.0%	100.0%
929	5	0.0%	100.0%
930	10	0.0%	100.0%
931	4	0.0%	100.0%
932	3	0.0%	100.0%
933	5	0.0%	100.0%
934	8	0.0%	100.0%
935	5	0.0%	100.0%
936	6	0.0%	100.0%
937	6	0.0%	100.0%
938	5	0.0%	100.0%
939	10	0.0%	100.0%
940	5	0.0%	100.0%
941	8	0.0%	100.0%
942	6	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
943	11	0.0%	100.0%
944	6	0.0%	100.0%
945	8	0.0%	100.0%
946	2	0.0%	100.0%
947	3	0.0%	100.0%
948	1	0.0%	100.0%
949	7	0.0%	100.0%
950	10	0.0%	100.0%
951	3	0.0%	100.0%
952	4	0.0%	100.0%
953	1	0.0%	100.0%
954	2	0.0%	100.0%
955	6	0.0%	100.0%
956	2	0.0%	100.0%
957	6	0.0%	100.0%
958	4	0.0%	100.0%
959	5	0.0%	100.0%
960	6	0.0%	100.0%
961	4	0.0%	100.0%
962	5	0.0%	100.0%
963	4	0.0%	100.0%
964	4	0.0%	100.0%
965	2	0.0%	100.0%
966	5	0.0%	100.0%
967	5	0.0%	100.0%
968	5	0.0%	100.0%
969	3	0.0%	100.0%
970	4	0.0%	100.0%
971	2	0.0%	100.0%
972	6	0.0%	100.0%
973	5	0.0%	100.0%
974	4	0.0%	100.0%
975	2	0.0%	100.0%
976	5	0.0%	100.0%
977	2	0.0%	100.0%
978	5	0.0%	100.0%
979	2	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
980	3	0.0%	100.0%
981	2	0.0%	100.0%
982	5	0.0%	100.0%
984	4	0.0%	100.0%
985	3	0.0%	100.0%
986	3	0.0%	100.0%
987	3	0.0%	100.0%
988	6	0.0%	100.0%
989	2	0.0%	100.0%
990	5	0.0%	100.0%
991	4	0.0%	100.0%
992	5	0.0%	100.0%
993	2	0.0%	100.0%
994	6	0.0%	100.0%
995	2	0.0%	100.0%
996	2	0.0%	100.0%
997	5	0.0%	100.0%
998	5	0.0%	100.0%
999	2	0.0%	100.0%
1,000	1	0.0%	100.0%
1,001	3	0.0%	100.0%
1,002	3	0.0%	100.0%
1,003	2	0.0%	100.0%
1,004	3	0.0%	100.0%
1,005	5	0.0%	100.0%
1,006	4	0.0%	100.0%
1,008	1	0.0%	100.0%
1,009	5	0.0%	100.0%
1,010	2	0.0%	100.0%
1,011	4	0.0%	100.0%
1,012	4	0.0%	100.0%
1,013	5	0.0%	100.0%
1,015	1	0.0%	100.0%
1,016	2	0.0%	100.0%
1,017	1	0.0%	100.0%
1,018	5	0.0%	100.0%
1,019	2	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,021	3	0.0%	100.0%
1,022	1	0.0%	100.0%
1,023	1	0.0%	100.0%
1,024	2	0.0%	100.0%
1,025	2	0.0%	100.0%
1,026	2	0.0%	100.0%
1,027	3	0.0%	100.0%
1,028	3	0.0%	100.0%
1,029	2	0.0%	100.0%
1,030	1	0.0%	100.0%
1,031	2	0.0%	100.0%
1,032	3	0.0%	100.0%
1,034	2	0.0%	100.0%
1,035	2	0.0%	100.0%
1,036	5	0.0%	100.0%
1,037	1	0.0%	100.0%
1,038	6	0.0%	100.0%
1,039	6	0.0%	100.0%
1,040	3	0.0%	100.0%
1,041	1	0.0%	100.0%
1,042	4	0.0%	100.0%
1,043	3	0.0%	100.0%
1,044	4	0.0%	100.0%
1,045	5	0.0%	100.0%
1,047	4	0.0%	100.0%
1,048	3	0.0%	100.0%
1,049	1	0.0%	100.0%
1,050	1	0.0%	100.0%
1,051	1	0.0%	100.0%
1,052	3	0.0%	100.0%
1,054	3	0.0%	100.0%
1,055	1	0.0%	100.0%
1,056	1	0.0%	100.0%
1,058	3	0.0%	100.0%
1,059	7	0.0%	100.0%
1,060	2	0.0%	100.0%
1,061	3	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,062	2	0.0%	100.0%
1,063	1	0.0%	100.0%
1,064	3	0.0%	100.0%
1,065	4	0.0%	100.0%
1,066	2	0.0%	100.0%
1,067	3	0.0%	100.0%
1,068	2	0.0%	100.0%
1,069	4	0.0%	100.0%
1,070	1	0.0%	100.0%
1,071	2	0.0%	100.0%
1,072	2	0.0%	100.0%
1,074	2	0.0%	100.0%
1,075	4	0.0%	100.0%
1,076	2	0.0%	100.0%
1,077	2	0.0%	100.0%
1,078	1	0.0%	100.0%
1,079	2	0.0%	100.0%
1,080	1	0.0%	100.0%
1,081	2	0.0%	100.0%
1,082	4	0.0%	100.0%
1,083	4	0.0%	100.0%
1,084	2	0.0%	100.0%
1,085	1	0.0%	100.0%
1,086	1	0.0%	100.0%
1,087	1	0.0%	100.0%
1,088	2	0.0%	100.0%
1,089	1	0.0%	100.0%
1,091	4	0.0%	100.0%
1,092	2	0.0%	100.0%
1,093	2	0.0%	100.0%
1,095	2	0.0%	100.0%
1,096	1	0.0%	100.0%
1,098	3	0.0%	100.0%
1,100	2	0.0%	100.0%
1,101	4	0.0%	100.0%
1,102	2	0.0%	100.0%
1,103	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,104	1	0.0%	100.0%
1,105	1	0.0%	100.0%
1,106	2	0.0%	100.0%
1,110	3	0.0%	100.0%
1,111	1	0.0%	100.0%
1,112	2	0.0%	100.0%
1,113	1	0.0%	100.0%
1,115	4	0.0%	100.0%
1,116	1	0.0%	100.0%
1,117	2	0.0%	100.0%
1,121	1	0.0%	100.0%
1,123	2	0.0%	100.0%
1,124	2	0.0%	100.0%
1,126	1	0.0%	100.0%
1,128	2	0.0%	100.0%
1,130	3	0.0%	100.0%
1,132	1	0.0%	100.0%
1,133	3	0.0%	100.0%
1,137	1	0.0%	100.0%
1,138	2	0.0%	100.0%
1,139	3	0.0%	100.0%
1,140	1	0.0%	100.0%
1,141	1	0.0%	100.0%
1,143	1	0.0%	100.0%
1,144	2	0.0%	100.0%
1,145	1	0.0%	100.0%
1,147	3	0.0%	100.0%
1,148	2	0.0%	100.0%
1,149	1	0.0%	100.0%
1,152	4	0.0%	100.0%
1,153	1	0.0%	100.0%
1,154	3	0.0%	100.0%
1,155	1	0.0%	100.0%
1,156	2	0.0%	100.0%
1,157	1	0.0%	100.0%
1,158	1	0.0%	100.0%
1,159	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,162	1	0.0%	100.0%
1,163	3	0.0%	100.0%
1,164	1	0.0%	100.0%
1,165	1	0.0%	100.0%
1,168	1	0.0%	100.0%
1,169	1	0.0%	100.0%
1,173	2	0.0%	100.0%
1,174	1	0.0%	100.0%
1,178	1	0.0%	100.0%
1,179	1	0.0%	100.0%
1,184	2	0.0%	100.0%
1,186	2	0.0%	100.0%
1,187	1	0.0%	100.0%
1,188	2	0.0%	100.0%
1,193	2	0.0%	100.0%
1,194	1	0.0%	100.0%
1,196	1	0.0%	100.0%
1,198	1	0.0%	100.0%
1,199	1	0.0%	100.0%
1,201	1	0.0%	100.0%
1,205	1	0.0%	100.0%
1,206	1	0.0%	100.0%
1,208	1	0.0%	100.0%
1,209	1	0.0%	100.0%
1,210	1	0.0%	100.0%
1,212	2	0.0%	100.0%
1,213	1	0.0%	100.0%
1,214	1	0.0%	100.0%
1,215	1	0.0%	100.0%
1,219	2	0.0%	100.0%
1,222	5	0.0%	100.0%
1,223	2	0.0%	100.0%
1,224	1	0.0%	100.0%
1,225	1	0.0%	100.0%
1,226	1	0.0%	100.0%
1,227	2	0.0%	100.0%
1,230	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,231	1	0.0%	100.0%
1,234	2	0.0%	100.0%
1,237	1	0.0%	100.0%
1,238	1	0.0%	100.0%
1,243	1	0.0%	100.0%
1,246	1	0.0%	100.0%
1,248	1	0.0%	100.0%
1,249	3	0.0%	100.0%
1,251	1	0.0%	100.0%
1,256	2	0.0%	100.0%
1,257	1	0.0%	100.0%
1,258	1	0.0%	100.0%
1,259	2	0.0%	100.0%
1,267	1	0.0%	100.0%
1,271	1	0.0%	100.0%
1,275	1	0.0%	100.0%
1,278	1	0.0%	100.0%
1,279	1	0.0%	100.0%
1,280	2	0.0%	100.0%
1,281	2	0.0%	100.0%
1,282	1	0.0%	100.0%
1,283	3	0.0%	100.0%
1,287	1	0.0%	100.0%
1,291	3	0.0%	100.0%
1,293	1	0.0%	100.0%
1,294	1	0.0%	100.0%
1,295	1	0.0%	100.0%
1,305	1	0.0%	100.0%
1,309	1	0.0%	100.0%
1,315	1	0.0%	100.0%
1,319	1	0.0%	100.0%
1,321	1	0.0%	100.0%
1,324	1	0.0%	100.0%
1,325	1	0.0%	100.0%
1,328	1	0.0%	100.0%
1,329	2	0.0%	100.0%
1,330	2	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,338	1	0.0%	100.0%
1,339	1	0.0%	100.0%
1,341	2	0.0%	100.0%
1,344	1	0.0%	100.0%
1,349	1	0.0%	100.0%
1,354	1	0.0%	100.0%
1,355	1	0.0%	100.0%
1,359	1	0.0%	100.0%
1,361	1	0.0%	100.0%
1,362	1	0.0%	100.0%
1,368	2	0.0%	100.0%
1,377	1	0.0%	100.0%
1,386	1	0.0%	100.0%
1,399	1	0.0%	100.0%
1,401	1	0.0%	100.0%
1,405	1	0.0%	100.0%
1,420	1	0.0%	100.0%
1,421	1	0.0%	100.0%
1,424	1	0.0%	100.0%
1,433	1	0.0%	100.0%
1,438	1	0.0%	100.0%
1,440	1	0.0%	100.0%
1,443	1	0.0%	100.0%
1,458	1	0.0%	100.0%
1,462	1	0.0%	100.0%
1,468	2	0.0%	100.0%
1,475	1	0.0%	100.0%
1,486	1	0.0%	100.0%
1,490	2	0.0%	100.0%
1,506	1	0.0%	100.0%
1,526	1	0.0%	100.0%
1,534	1	0.0%	100.0%
1,535	1	0.0%	100.0%
1,539	1	0.0%	100.0%
1,549	1	0.0%	100.0%
1,564	1	0.0%	100.0%
1,589	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,615	1	0.0%	100.0%
1,624	1	0.0%	100.0%
1,625	1	0.0%	100.0%
1,636	1	0.0%	100.0%
1,641	1	0.0%	100.0%
1,644	1	0.0%	100.0%
1,653	1	0.0%	100.0%
1,664	1	0.0%	100.0%
1,665	1	0.0%	100.0%
1,681	1	0.0%	100.0%
1,682	1	0.0%	100.0%
1,702	1	0.0%	100.0%
1,705	1	0.0%	100.0%
1,731	1	0.0%	100.0%
1,739	1	0.0%	100.0%
1,743	1	0.0%	100.0%
1,776	1	0.0%	100.0%
1,829	3	0.0%	100.0%
1,836	1	0.0%	100.0%
1,845	1	0.0%	100.0%
1,892	2	0.0%	100.0%
1,943	1	0.0%	100.0%
1,957	1	0.0%	100.0%
1,992	1	0.0%	100.0%
2,016	1	0.0%	100.0%
2,021	1	0.0%	100.0%
2,027	1	0.0%	100.0%
2,030	2	0.0%	100.0%
2,033	1	0.0%	100.0%
2,034	1	0.0%	100.0%
2,106	1	0.0%	100.0%

1.7 Distribution of non-matched read length

Length	Count	Percentage	Cummulative Percentage
25	262,258	0.1%	0.1%
26	302,131	0.1%	0.1%

Length	Count	Percentage	Cummulative Percentage
27	286,201	0.1%	0.2%
28	371,706	0.1%	0.3%
29	448,339	0.1%	0.4%
30	556,815	0.1%	0.6%
31	945,414	0.2%	0.8%
32	1,287,039	0.3%	1.2%
33	1,680,061	0.4%	1.6%
34	4,980,338	1.3%	2.9%
35	2,150,653	0.6%	3.5%
36	336,637,258	88.5%	92.0%
37	41,926	0.0%	92.0%
38	43,649	0.0%	92.0%
39	52,680	0.0%	92.0%
40	65,642	0.0%	92.1%
41	41,321	0.0%	92.1%
42	42,300	0.0%	92.1%
43	59,099	0.0%	92.1%
44	69,909	0.0%	92.1%
45	102,352	0.0%	92.1%
46	63,763	0.0%	92.2%
47	59,330	0.0%	92.2%
48	69,265	0.0%	92.2%
49	97,235	0.0%	92.2%
50	128,928	0.0%	92.3%
51	84,624	0.0%	92.3%
52	88,577	0.0%	92.3%
53	93,720	0.0%	92.3%
54	117,246	0.0%	92.4%
55	128,954	0.0%	92.4%
56	96,646	0.0%	92.4%
57	106,954	0.0%	92.4%
58	120,763	0.0%	92.5%
59	161,738	0.0%	92.5%
60	154,270	0.0%	92.6%
61	178,527	0.0%	92.6%
62	170,773	0.0%	92.6%
63	208,147	0.1%	92.7%

Length	Count	Percentage	Cummulative Percentage
64	292,534	0.1%	92.8%
65	343,012	0.1%	92.9%
66	383,696	0.1%	93.0%
67	410,623	0.1%	93.1%
68	505,571	0.1%	93.2%
69	8,966,471	2.4%	95.6%
70	1,008,604	0.3%	95.8%
71	15,655,021	4.1%	100.0%
72	1	0.0%	100.0%
73	1	0.0%	100.0%
75	2	0.0%	100.0%
76	1	0.0%	100.0%
78	4	0.0%	100.0%
79	3	0.0%	100.0%
81	1	0.0%	100.0%
82	5	0.0%	100.0%
83	4	0.0%	100.0%
84	1	0.0%	100.0%
85	3	0.0%	100.0%
87	4	0.0%	100.0%
88	4	0.0%	100.0%
89	2	0.0%	100.0%
90	2	0.0%	100.0%
91	2	0.0%	100.0%
92	6	0.0%	100.0%
93	2	0.0%	100.0%
94	2	0.0%	100.0%
96	3	0.0%	100.0%
97	1	0.0%	100.0%
98	4	0.0%	100.0%
99	1	0.0%	100.0%
100	13	0.0%	100.0%
101	10	0.0%	100.0%
102	15	0.0%	100.0%
103	11	0.0%	100.0%
104	10	0.0%	100.0%
105	7	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
106	14	0.0%	100.0%
107	15	0.0%	100.0%
108	10	0.0%	100.0%
109	12	0.0%	100.0%
110	17	0.0%	100.0%
111	12	0.0%	100.0%
112	11	0.0%	100.0%
113	4	0.0%	100.0%
114	13	0.0%	100.0%
115	13	0.0%	100.0%
116	14	0.0%	100.0%
117	5	0.0%	100.0%
118	7	0.0%	100.0%
119	15	0.0%	100.0%
120	6	0.0%	100.0%
121	10	0.0%	100.0%
122	11	0.0%	100.0%
123	19	0.0%	100.0%
124	10	0.0%	100.0%
125	21	0.0%	100.0%
126	11	0.0%	100.0%
127	30	0.0%	100.0%
128	19	0.0%	100.0%
129	30	0.0%	100.0%
130	11	0.0%	100.0%
131	23	0.0%	100.0%
132	22	0.0%	100.0%
133	22	0.0%	100.0%
134	25	0.0%	100.0%
135	28	0.0%	100.0%
136	32	0.0%	100.0%
137	38	0.0%	100.0%
138	30	0.0%	100.0%
139	26	0.0%	100.0%
140	30	0.0%	100.0%
141	36	0.0%	100.0%
142	34	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
143	23	0.0%	100.0%
144	36	0.0%	100.0%
145	40	0.0%	100.0%
146	43	0.0%	100.0%
147	32	0.0%	100.0%
148	35	0.0%	100.0%
149	42	0.0%	100.0%
150	38	0.0%	100.0%
151	52	0.0%	100.0%
152	37	0.0%	100.0%
153	48	0.0%	100.0%
154	39	0.0%	100.0%
155	45	0.0%	100.0%
156	40	0.0%	100.0%
157	35	0.0%	100.0%
158	49	0.0%	100.0%
159	34	0.0%	100.0%
160	45	0.0%	100.0%
161	40	0.0%	100.0%
162	53	0.0%	100.0%
163	48	0.0%	100.0%
164	30	0.0%	100.0%
165	38	0.0%	100.0%
166	44	0.0%	100.0%
167	35	0.0%	100.0%
168	43	0.0%	100.0%
169	41	0.0%	100.0%
170	40	0.0%	100.0%
171	39	0.0%	100.0%
172	34	0.0%	100.0%
173	49	0.0%	100.0%
174	36	0.0%	100.0%
175	41	0.0%	100.0%
176	44	0.0%	100.0%
177	38	0.0%	100.0%
178	54	0.0%	100.0%
179	45	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
180	45	0.0%	100.0%
181	64	0.0%	100.0%
182	52	0.0%	100.0%
183	30	0.0%	100.0%
184	40	0.0%	100.0%
185	41	0.0%	100.0%
186	46	0.0%	100.0%
187	59	0.0%	100.0%
188	49	0.0%	100.0%
189	57	0.0%	100.0%
190	41	0.0%	100.0%
191	62	0.0%	100.0%
192	51	0.0%	100.0%
193	39	0.0%	100.0%
194	46	0.0%	100.0%
195	60	0.0%	100.0%
196	47	0.0%	100.0%
197	54	0.0%	100.0%
198	52	0.0%	100.0%
199	42	0.0%	100.0%
200	54	0.0%	100.0%
201	53	0.0%	100.0%
202	59	0.0%	100.0%
203	54	0.0%	100.0%
204	39	0.0%	100.0%
205	54	0.0%	100.0%
206	34	0.0%	100.0%
207	59	0.0%	100.0%
208	48	0.0%	100.0%
209	52	0.0%	100.0%
210	45	0.0%	100.0%
211	45	0.0%	100.0%
212	42	0.0%	100.0%
213	41	0.0%	100.0%
214	48	0.0%	100.0%
215	38	0.0%	100.0%
216	48	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
217	41	0.0%	100.0%
218	50	0.0%	100.0%
219	49	0.0%	100.0%
220	44	0.0%	100.0%
221	42	0.0%	100.0%
222	43	0.0%	100.0%
223	56	0.0%	100.0%
224	35	0.0%	100.0%
225	52	0.0%	100.0%
226	51	0.0%	100.0%
227	53	0.0%	100.0%
228	43	0.0%	100.0%
229	42	0.0%	100.0%
230	35	0.0%	100.0%
231	45	0.0%	100.0%
232	41	0.0%	100.0%
233	43	0.0%	100.0%
234	33	0.0%	100.0%
235	39	0.0%	100.0%
236	62	0.0%	100.0%
237	44	0.0%	100.0%
238	48	0.0%	100.0%
239	45	0.0%	100.0%
240	45	0.0%	100.0%
241	46	0.0%	100.0%
242	101	0.0%	100.0%
243	52	0.0%	100.0%
244	49	0.0%	100.0%
245	58	0.0%	100.0%
246	51	0.0%	100.0%
247	46	0.0%	100.0%
248	52	0.0%	100.0%
249	52	0.0%	100.0%
250	43	0.0%	100.0%
251	50	0.0%	100.0%
252	49	0.0%	100.0%
253	49	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
254	34	0.0%	100.0%
255	44	0.0%	100.0%
256	50	0.0%	100.0%
257	42	0.0%	100.0%
258	37	0.0%	100.0%
259	37	0.0%	100.0%
260	46	0.0%	100.0%
261	43	0.0%	100.0%
262	43	0.0%	100.0%
263	59	0.0%	100.0%
264	30	0.0%	100.0%
265	40	0.0%	100.0%
266	55	0.0%	100.0%
267	43	0.0%	100.0%
268	39	0.0%	100.0%
269	43	0.0%	100.0%
270	45	0.0%	100.0%
271	41	0.0%	100.0%
272	44	0.0%	100.0%
273	37	0.0%	100.0%
274	53	0.0%	100.0%
275	35	0.0%	100.0%
276	38	0.0%	100.0%
277	29	0.0%	100.0%
278	48	0.0%	100.0%
279	45	0.0%	100.0%
280	50	0.0%	100.0%
281	55	0.0%	100.0%
282	48	0.0%	100.0%
283	52	0.0%	100.0%
284	57	0.0%	100.0%
285	51	0.0%	100.0%
286	48	0.0%	100.0%
287	51	0.0%	100.0%
288	31	0.0%	100.0%
289	54	0.0%	100.0%
290	45	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
291	35	0.0%	100.0%
292	56	0.0%	100.0%
293	38	0.0%	100.0%
294	55	0.0%	100.0%
295	38	0.0%	100.0%
296	64	0.0%	100.0%
297	52	0.0%	100.0%
298	55	0.0%	100.0%
299	58	0.0%	100.0%
300	65	0.0%	100.0%
301	41	0.0%	100.0%
302	49	0.0%	100.0%
303	32	0.0%	100.0%
304	35	0.0%	100.0%
305	60	0.0%	100.0%
306	56	0.0%	100.0%
307	48	0.0%	100.0%
308	57	0.0%	100.0%
309	41	0.0%	100.0%
310	55	0.0%	100.0%
311	43	0.0%	100.0%
312	61	0.0%	100.0%
313	45	0.0%	100.0%
314	60	0.0%	100.0%
315	57	0.0%	100.0%
316	55	0.0%	100.0%
317	44	0.0%	100.0%
318	65	0.0%	100.0%
319	54	0.0%	100.0%
320	67	0.0%	100.0%
321	62	0.0%	100.0%
322	72	0.0%	100.0%
323	60	0.0%	100.0%
324	63	0.0%	100.0%
325	77	0.0%	100.0%
326	73	0.0%	100.0%
327	80	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
328	68	0.0%	100.0%
329	89	0.0%	100.0%
330	98	0.0%	100.0%
331	76	0.0%	100.0%
332	84	0.0%	100.0%
333	101	0.0%	100.0%
334	92	0.0%	100.0%
335	86	0.0%	100.0%
336	88	0.0%	100.0%
337	119	0.0%	100.0%
338	109	0.0%	100.0%
339	110	0.0%	100.0%
340	123	0.0%	100.0%
341	116	0.0%	100.0%
342	115	0.0%	100.0%
343	128	0.0%	100.0%
344	153	0.0%	100.0%
345	125	0.0%	100.0%
346	104	0.0%	100.0%
347	104	0.0%	100.0%
348	128	0.0%	100.0%
349	139	0.0%	100.0%
350	140	0.0%	100.0%
351	157	0.0%	100.0%
352	140	0.0%	100.0%
353	135	0.0%	100.0%
354	146	0.0%	100.0%
355	137	0.0%	100.0%
356	151	0.0%	100.0%
357	169	0.0%	100.0%
358	172	0.0%	100.0%
359	148	0.0%	100.0%
360	146	0.0%	100.0%
361	129	0.0%	100.0%
362	152	0.0%	100.0%
363	155	0.0%	100.0%
364	153	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
365	174	0.0%	100.0%
366	197	0.0%	100.0%
367	213	0.0%	100.0%
368	185	0.0%	100.0%
369	205	0.0%	100.0%
370	176	0.0%	100.0%
371	186	0.0%	100.0%
372	175	0.0%	100.0%
373	195	0.0%	100.0%
374	204	0.0%	100.0%
375	198	0.0%	100.0%
376	235	0.0%	100.0%
377	211	0.0%	100.0%
378	208	0.0%	100.0%
379	206	0.0%	100.0%
380	204	0.0%	100.0%
381	228	0.0%	100.0%
382	214	0.0%	100.0%
383	240	0.0%	100.0%
384	206	0.0%	100.0%
385	204	0.0%	100.0%
386	230	0.0%	100.0%
387	227	0.0%	100.0%
388	226	0.0%	100.0%
389	237	0.0%	100.0%
390	190	0.0%	100.0%
391	235	0.0%	100.0%
392	217	0.0%	100.0%
393	209	0.0%	100.0%
394	259	0.0%	100.0%
395	225	0.0%	100.0%
396	239	0.0%	100.0%
397	227	0.0%	100.0%
398	242	0.0%	100.0%
399	237	0.0%	100.0%
400	227	0.0%	100.0%
401	255	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
402	237	0.0%	100.0%
403	259	0.0%	100.0%
404	261	0.0%	100.0%
405	235	0.0%	100.0%
406	246	0.0%	100.0%
407	258	0.0%	100.0%
408	278	0.0%	100.0%
409	229	0.0%	100.0%
410	231	0.0%	100.0%
411	262	0.0%	100.0%
412	215	0.0%	100.0%
413	259	0.0%	100.0%
414	249	0.0%	100.0%
415	229	0.0%	100.0%
416	251	0.0%	100.0%
417	225	0.0%	100.0%
418	240	0.0%	100.0%
419	261	0.0%	100.0%
420	253	0.0%	100.0%
421	259	0.0%	100.0%
422	255	0.0%	100.0%
423	268	0.0%	100.0%
424	229	0.0%	100.0%
425	273	0.0%	100.0%
426	265	0.0%	100.0%
427	273	0.0%	100.0%
428	270	0.0%	100.0%
429	266	0.0%	100.0%
430	282	0.0%	100.0%
431	268	0.0%	100.0%
432	270	0.0%	100.0%
433	268	0.0%	100.0%
434	257	0.0%	100.0%
435	286	0.0%	100.0%
436	272	0.0%	100.0%
437	292	0.0%	100.0%
438	278	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
439	297	0.0%	100.0%
440	286	0.0%	100.0%
441	303	0.0%	100.0%
442	256	0.0%	100.0%
443	263	0.0%	100.0%
444	298	0.0%	100.0%
445	252	0.0%	100.0%
446	287	0.0%	100.0%
447	273	0.0%	100.0%
448	299	0.0%	100.0%
449	303	0.0%	100.0%
450	300	0.0%	100.0%
451	299	0.0%	100.0%
452	299	0.0%	100.0%
453	265	0.0%	100.0%
454	302	0.0%	100.0%
455	311	0.0%	100.0%
456	332	0.0%	100.0%
457	284	0.0%	100.0%
458	273	0.0%	100.0%
459	321	0.0%	100.0%
460	312	0.0%	100.0%
461	277	0.0%	100.0%
462	304	0.0%	100.0%
463	334	0.0%	100.0%
464	298	0.0%	100.0%
465	316	0.0%	100.0%
466	308	0.0%	100.0%
467	329	0.0%	100.0%
468	322	0.0%	100.0%
469	332	0.0%	100.0%
470	337	0.0%	100.0%
471	332	0.0%	100.0%
472	321	0.0%	100.0%
473	329	0.0%	100.0%
474	352	0.0%	100.0%
475	343	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
476	334	0.0%	100.0%
477	379	0.0%	100.0%
478	405	0.0%	100.0%
479	377	0.0%	100.0%
480	368	0.0%	100.0%
481	415	0.0%	100.0%
482	367	0.0%	100.0%
483	404	0.0%	100.0%
484	428	0.0%	100.0%
485	381	0.0%	100.0%
486	450	0.0%	100.0%
487	408	0.0%	100.0%
488	434	0.0%	100.0%
489	464	0.0%	100.0%
490	455	0.0%	100.0%
491	489	0.0%	100.0%
492	515	0.0%	100.0%
493	513	0.0%	100.0%
494	531	0.0%	100.0%
495	556	0.0%	100.0%
496	544	0.0%	100.0%
497	592	0.0%	100.0%
498	603	0.0%	100.0%
499	618	0.0%	100.0%
500	624	0.0%	100.0%
501	648	0.0%	100.0%
502	649	0.0%	100.0%
503	788	0.0%	100.0%
504	733	0.0%	100.0%
505	762	0.0%	100.0%
506	787	0.0%	100.0%
507	768	0.0%	100.0%
508	804	0.0%	100.0%
509	864	0.0%	100.0%
510	841	0.0%	100.0%
511	877	0.0%	100.0%
512	943	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
513	934	0.0%	100.0%
514	915	0.0%	100.0%
515	948	0.0%	100.0%
516	1,034	0.0%	100.0%
517	1,027	0.0%	100.0%
518	1,097	0.0%	100.0%
519	1,126	0.0%	100.0%
520	1,158	0.0%	100.0%
521	1,138	0.0%	100.0%
522	1,166	0.0%	100.0%
523	1,198	0.0%	100.0%
524	1,266	0.0%	100.0%
525	1,205	0.0%	100.0%
526	1,238	0.0%	100.0%
527	1,303	0.0%	100.0%
528	1,284	0.0%	100.0%
529	1,255	0.0%	100.0%
530	1,333	0.0%	100.0%
531	1,352	0.0%	100.0%
532	1,387	0.0%	100.0%
533	1,346	0.0%	100.0%
534	1,412	0.0%	100.0%
535	1,369	0.0%	100.0%
536	1,404	0.0%	100.0%
537	1,388	0.0%	100.0%
538	1,420	0.0%	100.0%
539	1,382	0.0%	100.0%
540	1,385	0.0%	100.0%
541	1,415	0.0%	100.0%
542	1,447	0.0%	100.0%
543	1,363	0.0%	100.0%
544	1,326	0.0%	100.0%
545	1,362	0.0%	100.0%
546	1,314	0.0%	100.0%
547	1,366	0.0%	100.0%
548	1,389	0.0%	100.0%
549	1,299	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
550	1,313	0.0%	100.0%
551	1,311	0.0%	100.0%
552	1,291	0.0%	100.0%
553	1,393	0.0%	100.0%
554	1,251	0.0%	100.0%
555	1,300	0.0%	100.0%
556	1,274	0.0%	100.0%
557	1,194	0.0%	100.0%
558	1,253	0.0%	100.0%
559	1,195	0.0%	100.0%
560	1,154	0.0%	100.0%
561	1,079	0.0%	100.0%
562	1,095	0.0%	100.0%
563	1,103	0.0%	100.0%
564	998	0.0%	100.0%
565	1,031	0.0%	100.0%
566	1,002	0.0%	100.0%
567	926	0.0%	100.0%
568	917	0.0%	100.0%
569	865	0.0%	100.0%
570	905	0.0%	100.0%
571	853	0.0%	100.0%
572	827	0.0%	100.0%
573	870	0.0%	100.0%
574	806	0.0%	100.0%
575	786	0.0%	100.0%
576	741	0.0%	100.0%
577	705	0.0%	100.0%
578	741	0.0%	100.0%
579	674	0.0%	100.0%
580	674	0.0%	100.0%
581	638	0.0%	100.0%
582	647	0.0%	100.0%
583	612	0.0%	100.0%
584	620	0.0%	100.0%
585	635	0.0%	100.0%
586	549	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
587	572	0.0%	100.0%
588	572	0.0%	100.0%
589	533	0.0%	100.0%
590	477	0.0%	100.0%
591	500	0.0%	100.0%
592	467	0.0%	100.0%
593	484	0.0%	100.0%
594	478	0.0%	100.0%
595	428	0.0%	100.0%
596	440	0.0%	100.0%
597	422	0.0%	100.0%
598	384	0.0%	100.0%
599	388	0.0%	100.0%
600	392	0.0%	100.0%
601	346	0.0%	100.0%
602	334	0.0%	100.0%
603	349	0.0%	100.0%
604	315	0.0%	100.0%
605	316	0.0%	100.0%
606	324	0.0%	100.0%
607	284	0.0%	100.0%
608	313	0.0%	100.0%
609	317	0.0%	100.0%
610	293	0.0%	100.0%
611	250	0.0%	100.0%
612	286	0.0%	100.0%
613	260	0.0%	100.0%
614	225	0.0%	100.0%
615	276	0.0%	100.0%
616	233	0.0%	100.0%
617	235	0.0%	100.0%
618	235	0.0%	100.0%
619	217	0.0%	100.0%
620	186	0.0%	100.0%
621	189	0.0%	100.0%
622	215	0.0%	100.0%
623	224	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
624	207	0.0%	100.0%
625	208	0.0%	100.0%
626	199	0.0%	100.0%
627	219	0.0%	100.0%
628	232	0.0%	100.0%
629	194	0.0%	100.0%
630	193	0.0%	100.0%
631	167	0.0%	100.0%
632	192	0.0%	100.0%
633	143	0.0%	100.0%
634	173	0.0%	100.0%
635	176	0.0%	100.0%
636	144	0.0%	100.0%
637	164	0.0%	100.0%
638	170	0.0%	100.0%
639	154	0.0%	100.0%
640	161	0.0%	100.0%
641	155	0.0%	100.0%
642	143	0.0%	100.0%
643	140	0.0%	100.0%
644	146	0.0%	100.0%
645	158	0.0%	100.0%
646	136	0.0%	100.0%
647	149	0.0%	100.0%
648	122	0.0%	100.0%
649	140	0.0%	100.0%
650	146	0.0%	100.0%
651	117	0.0%	100.0%
652	136	0.0%	100.0%
653	125	0.0%	100.0%
654	136	0.0%	100.0%
655	113	0.0%	100.0%
656	111	0.0%	100.0%
657	107	0.0%	100.0%
658	129	0.0%	100.0%
659	127	0.0%	100.0%
660	116	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
661	102	0.0%	100.0%
662	132	0.0%	100.0%
663	119	0.0%	100.0%
664	110	0.0%	100.0%
665	108	0.0%	100.0%
666	113	0.0%	100.0%
667	103	0.0%	100.0%
668	112	0.0%	100.0%
669	102	0.0%	100.0%
670	103	0.0%	100.0%
671	94	0.0%	100.0%
672	92	0.0%	100.0%
673	90	0.0%	100.0%
674	118	0.0%	100.0%
675	99	0.0%	100.0%
676	111	0.0%	100.0%
677	92	0.0%	100.0%
678	97	0.0%	100.0%
679	90	0.0%	100.0%
680	96	0.0%	100.0%
681	77	0.0%	100.0%
682	86	0.0%	100.0%
683	94	0.0%	100.0%
684	91	0.0%	100.0%
685	99	0.0%	100.0%
686	91	0.0%	100.0%
687	85	0.0%	100.0%
688	92	0.0%	100.0%
689	76	0.0%	100.0%
690	73	0.0%	100.0%
691	76	0.0%	100.0%
692	71	0.0%	100.0%
693	93	0.0%	100.0%
694	77	0.0%	100.0%
695	70	0.0%	100.0%
696	67	0.0%	100.0%
697	61	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
698	70	0.0%	100.0%
699	64	0.0%	100.0%
700	73	0.0%	100.0%
701	67	0.0%	100.0%
702	69	0.0%	100.0%
703	69	0.0%	100.0%
704	69	0.0%	100.0%
705	60	0.0%	100.0%
706	75	0.0%	100.0%
707	70	0.0%	100.0%
708	64	0.0%	100.0%
709	56	0.0%	100.0%
710	65	0.0%	100.0%
711	77	0.0%	100.0%
712	53	0.0%	100.0%
713	65	0.0%	100.0%
714	78	0.0%	100.0%
715	55	0.0%	100.0%
716	72	0.0%	100.0%
717	56	0.0%	100.0%
718	58	0.0%	100.0%
719	68	0.0%	100.0%
720	68	0.0%	100.0%
721	48	0.0%	100.0%
722	76	0.0%	100.0%
723	52	0.0%	100.0%
724	61	0.0%	100.0%
725	48	0.0%	100.0%
726	61	0.0%	100.0%
727	60	0.0%	100.0%
728	49	0.0%	100.0%
729	57	0.0%	100.0%
730	69	0.0%	100.0%
731	64	0.0%	100.0%
732	45	0.0%	100.0%
733	36	0.0%	100.0%
734	58	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
735	53	0.0%	100.0%
736	67	0.0%	100.0%
737	46	0.0%	100.0%
738	48	0.0%	100.0%
739	48	0.0%	100.0%
740	49	0.0%	100.0%
741	45	0.0%	100.0%
742	62	0.0%	100.0%
743	52	0.0%	100.0%
744	52	0.0%	100.0%
745	56	0.0%	100.0%
746	35	0.0%	100.0%
747	45	0.0%	100.0%
748	46	0.0%	100.0%
749	45	0.0%	100.0%
750	48	0.0%	100.0%
751	60	0.0%	100.0%
752	57	0.0%	100.0%
753	40	0.0%	100.0%
754	47	0.0%	100.0%
755	48	0.0%	100.0%
756	40	0.0%	100.0%
757	50	0.0%	100.0%
758	46	0.0%	100.0%
759	34	0.0%	100.0%
760	49	0.0%	100.0%
761	40	0.0%	100.0%
762	48	0.0%	100.0%
763	38	0.0%	100.0%
764	45	0.0%	100.0%
765	44	0.0%	100.0%
766	52	0.0%	100.0%
767	43	0.0%	100.0%
768	42	0.0%	100.0%
769	51	0.0%	100.0%
770	52	0.0%	100.0%
771	40	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
772	47	0.0%	100.0%
773	38	0.0%	100.0%
774	45	0.0%	100.0%
775	47	0.0%	100.0%
776	46	0.0%	100.0%
777	23	0.0%	100.0%
778	35	0.0%	100.0%
779	42	0.0%	100.0%
780	50	0.0%	100.0%
781	36	0.0%	100.0%
782	20	0.0%	100.0%
783	49	0.0%	100.0%
784	42	0.0%	100.0%
785	42	0.0%	100.0%
786	49	0.0%	100.0%
787	43	0.0%	100.0%
788	45	0.0%	100.0%
789	50	0.0%	100.0%
790	48	0.0%	100.0%
791	33	0.0%	100.0%
792	38	0.0%	100.0%
793	36	0.0%	100.0%
794	33	0.0%	100.0%
795	45	0.0%	100.0%
796	36	0.0%	100.0%
797	46	0.0%	100.0%
798	39	0.0%	100.0%
799	42	0.0%	100.0%
800	49	0.0%	100.0%
801	47	0.0%	100.0%
802	53	0.0%	100.0%
803	48	0.0%	100.0%
804	39	0.0%	100.0%
805	35	0.0%	100.0%
806	28	0.0%	100.0%
807	29	0.0%	100.0%
808	45	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
809	28	0.0%	100.0%
810	41	0.0%	100.0%
811	29	0.0%	100.0%
812	36	0.0%	100.0%
813	36	0.0%	100.0%
814	46	0.0%	100.0%
815	45	0.0%	100.0%
816	33	0.0%	100.0%
817	37	0.0%	100.0%
818	35	0.0%	100.0%
819	39	0.0%	100.0%
820	37	0.0%	100.0%
821	28	0.0%	100.0%
822	46	0.0%	100.0%
823	35	0.0%	100.0%
824	47	0.0%	100.0%
825	25	0.0%	100.0%
826	39	0.0%	100.0%
827	35	0.0%	100.0%
828	40	0.0%	100.0%
829	42	0.0%	100.0%
830	39	0.0%	100.0%
831	37	0.0%	100.0%
832	36	0.0%	100.0%
833	38	0.0%	100.0%
834	33	0.0%	100.0%
835	31	0.0%	100.0%
836	34	0.0%	100.0%
837	45	0.0%	100.0%
838	32	0.0%	100.0%
839	43	0.0%	100.0%
840	33	0.0%	100.0%
841	41	0.0%	100.0%
842	42	0.0%	100.0%
843	42	0.0%	100.0%
844	26	0.0%	100.0%
845	41	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
846	32	0.0%	100.0%
847	32	0.0%	100.0%
848	37	0.0%	100.0%
849	42	0.0%	100.0%
850	38	0.0%	100.0%
851	35	0.0%	100.0%
852	30	0.0%	100.0%
853	44	0.0%	100.0%
854	43	0.0%	100.0%
855	44	0.0%	100.0%
856	44	0.0%	100.0%
857	48	0.0%	100.0%
858	37	0.0%	100.0%
859	39	0.0%	100.0%
860	43	0.0%	100.0%
861	38	0.0%	100.0%
862	29	0.0%	100.0%
863	23	0.0%	100.0%
864	38	0.0%	100.0%
865	31	0.0%	100.0%
866	28	0.0%	100.0%
867	30	0.0%	100.0%
868	30	0.0%	100.0%
869	32	0.0%	100.0%
870	37	0.0%	100.0%
871	35	0.0%	100.0%
872	30	0.0%	100.0%
873	25	0.0%	100.0%
874	31	0.0%	100.0%
875	28	0.0%	100.0%
876	33	0.0%	100.0%
877	25	0.0%	100.0%
878	29	0.0%	100.0%
879	34	0.0%	100.0%
880	27	0.0%	100.0%
881	32	0.0%	100.0%
882	33	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
883	30	0.0%	100.0%
884	28	0.0%	100.0%
885	30	0.0%	100.0%
886	28	0.0%	100.0%
887	29	0.0%	100.0%
888	41	0.0%	100.0%
889	30	0.0%	100.0%
890	33	0.0%	100.0%
891	25	0.0%	100.0%
892	28	0.0%	100.0%
893	19	0.0%	100.0%
894	30	0.0%	100.0%
895	27	0.0%	100.0%
896	20	0.0%	100.0%
897	23	0.0%	100.0%
898	18	0.0%	100.0%
899	30	0.0%	100.0%
900	23	0.0%	100.0%
901	25	0.0%	100.0%
902	23	0.0%	100.0%
903	27	0.0%	100.0%
904	29	0.0%	100.0%
905	26	0.0%	100.0%
906	23	0.0%	100.0%
907	22	0.0%	100.0%
908	22	0.0%	100.0%
909	23	0.0%	100.0%
910	20	0.0%	100.0%
911	23	0.0%	100.0%
912	27	0.0%	100.0%
913	33	0.0%	100.0%
914	22	0.0%	100.0%
915	25	0.0%	100.0%
916	27	0.0%	100.0%
917	25	0.0%	100.0%
918	22	0.0%	100.0%
919	18	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
920	14	0.0%	100.0%
921	23	0.0%	100.0%
922	26	0.0%	100.0%
923	23	0.0%	100.0%
924	21	0.0%	100.0%
925	15	0.0%	100.0%
926	24	0.0%	100.0%
927	29	0.0%	100.0%
928	18	0.0%	100.0%
929	18	0.0%	100.0%
930	24	0.0%	100.0%
931	21	0.0%	100.0%
932	20	0.0%	100.0%
933	12	0.0%	100.0%
934	14	0.0%	100.0%
935	24	0.0%	100.0%
936	16	0.0%	100.0%
937	26	0.0%	100.0%
938	10	0.0%	100.0%
939	16	0.0%	100.0%
940	24	0.0%	100.0%
941	21	0.0%	100.0%
942	15	0.0%	100.0%
943	28	0.0%	100.0%
944	21	0.0%	100.0%
945	23	0.0%	100.0%
946	19	0.0%	100.0%
947	21	0.0%	100.0%
948	18	0.0%	100.0%
949	20	0.0%	100.0%
950	17	0.0%	100.0%
951	25	0.0%	100.0%
952	14	0.0%	100.0%
953	21	0.0%	100.0%
954	22	0.0%	100.0%
955	27	0.0%	100.0%
956	19	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
957	14	0.0%	100.0%
958	24	0.0%	100.0%
959	15	0.0%	100.0%
960	14	0.0%	100.0%
961	19	0.0%	100.0%
962	13	0.0%	100.0%
963	17	0.0%	100.0%
964	6	0.0%	100.0%
965	10	0.0%	100.0%
966	20	0.0%	100.0%
967	15	0.0%	100.0%
968	17	0.0%	100.0%
969	16	0.0%	100.0%
970	17	0.0%	100.0%
971	16	0.0%	100.0%
972	16	0.0%	100.0%
973	17	0.0%	100.0%
974	13	0.0%	100.0%
975	16	0.0%	100.0%
976	20	0.0%	100.0%
977	16	0.0%	100.0%
978	16	0.0%	100.0%
979	12	0.0%	100.0%
980	15	0.0%	100.0%
981	12	0.0%	100.0%
982	10	0.0%	100.0%
983	18	0.0%	100.0%
984	10	0.0%	100.0%
985	7	0.0%	100.0%
986	13	0.0%	100.0%
987	12	0.0%	100.0%
988	16	0.0%	100.0%
989	17	0.0%	100.0%
990	14	0.0%	100.0%
991	22	0.0%	100.0%
992	13	0.0%	100.0%
993	7	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
994	11	0.0%	100.0%
995	8	0.0%	100.0%
996	9	0.0%	100.0%
997	9	0.0%	100.0%
998	12	0.0%	100.0%
999	7	0.0%	100.0%
1,000	14	0.0%	100.0%
1,001	12	0.0%	100.0%
1,002	10	0.0%	100.0%
1,003	15	0.0%	100.0%
1,004	7	0.0%	100.0%
1,005	8	0.0%	100.0%
1,006	11	0.0%	100.0%
1,007	9	0.0%	100.0%
1,008	10	0.0%	100.0%
1,009	10	0.0%	100.0%
1,010	13	0.0%	100.0%
1,011	15	0.0%	100.0%
1,012	7	0.0%	100.0%
1,013	3	0.0%	100.0%
1,014	16	0.0%	100.0%
1,015	9	0.0%	100.0%
1,016	12	0.0%	100.0%
1,017	11	0.0%	100.0%
1,018	7	0.0%	100.0%
1,019	11	0.0%	100.0%
1,020	10	0.0%	100.0%
1,021	8	0.0%	100.0%
1,022	8	0.0%	100.0%
1,023	8	0.0%	100.0%
1,024	10	0.0%	100.0%
1,025	12	0.0%	100.0%
1,026	8	0.0%	100.0%
1,027	8	0.0%	100.0%
1,028	12	0.0%	100.0%
1,029	11	0.0%	100.0%
1,030	10	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,031	9	0.0%	100.0%
1,032	5	0.0%	100.0%
1,033	10	0.0%	100.0%
1,034	8	0.0%	100.0%
1,035	14	0.0%	100.0%
1,036	11	0.0%	100.0%
1,037	6	0.0%	100.0%
1,038	4	0.0%	100.0%
1,039	11	0.0%	100.0%
1,040	5	0.0%	100.0%
1,041	6	0.0%	100.0%
1,042	11	0.0%	100.0%
1,043	11	0.0%	100.0%
1,044	10	0.0%	100.0%
1,045	5	0.0%	100.0%
1,046	11	0.0%	100.0%
1,047	8	0.0%	100.0%
1,048	9	0.0%	100.0%
1,049	7	0.0%	100.0%
1,050	4	0.0%	100.0%
1,051	7	0.0%	100.0%
1,052	9	0.0%	100.0%
1,053	10	0.0%	100.0%
1,054	6	0.0%	100.0%
1,055	5	0.0%	100.0%
1,056	7	0.0%	100.0%
1,057	8	0.0%	100.0%
1,058	11	0.0%	100.0%
1,059	10	0.0%	100.0%
1,060	12	0.0%	100.0%
1,061	11	0.0%	100.0%
1,062	7	0.0%	100.0%
1,063	4	0.0%	100.0%
1,064	7	0.0%	100.0%
1,065	14	0.0%	100.0%
1,066	9	0.0%	100.0%
1,067	8	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,068	9	0.0%	100.0%
1,069	8	0.0%	100.0%
1,070	8	0.0%	100.0%
1,071	9	0.0%	100.0%
1,072	4	0.0%	100.0%
1,073	10	0.0%	100.0%
1,074	13	0.0%	100.0%
1,075	13	0.0%	100.0%
1,076	7	0.0%	100.0%
1,077	10	0.0%	100.0%
1,078	9	0.0%	100.0%
1,079	2	0.0%	100.0%
1,080	6	0.0%	100.0%
1,081	8	0.0%	100.0%
1,082	4	0.0%	100.0%
1,083	6	0.0%	100.0%
1,084	2	0.0%	100.0%
1,085	4	0.0%	100.0%
1,086	9	0.0%	100.0%
1,087	6	0.0%	100.0%
1,088	12	0.0%	100.0%
1,089	9	0.0%	100.0%
1,090	6	0.0%	100.0%
1,091	6	0.0%	100.0%
1,092	5	0.0%	100.0%
1,093	12	0.0%	100.0%
1,094	3	0.0%	100.0%
1,095	1	0.0%	100.0%
1,096	7	0.0%	100.0%
1,097	10	0.0%	100.0%
1,098	7	0.0%	100.0%
1,099	4	0.0%	100.0%
1,100	3	0.0%	100.0%
1,101	2	0.0%	100.0%
1,102	9	0.0%	100.0%
1,103	7	0.0%	100.0%
1,104	8	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,105	10	0.0%	100.0%
1,106	3	0.0%	100.0%
1,107	7	0.0%	100.0%
1,108	8	0.0%	100.0%
1,109	6	0.0%	100.0%
1,110	7	0.0%	100.0%
1,111	6	0.0%	100.0%
1,112	6	0.0%	100.0%
1,113	6	0.0%	100.0%
1,114	4	0.0%	100.0%
1,115	3	0.0%	100.0%
1,116	3	0.0%	100.0%
1,117	4	0.0%	100.0%
1,118	9	0.0%	100.0%
1,119	7	0.0%	100.0%
1,120	4	0.0%	100.0%
1,121	5	0.0%	100.0%
1,122	12	0.0%	100.0%
1,123	4	0.0%	100.0%
1,124	3	0.0%	100.0%
1,125	3	0.0%	100.0%
1,126	3	0.0%	100.0%
1,127	7	0.0%	100.0%
1,128	4	0.0%	100.0%
1,129	3	0.0%	100.0%
1,130	7	0.0%	100.0%
1,131	9	0.0%	100.0%
1,132	5	0.0%	100.0%
1,133	8	0.0%	100.0%
1,134	8	0.0%	100.0%
1,135	8	0.0%	100.0%
1,136	3	0.0%	100.0%
1,137	4	0.0%	100.0%
1,138	4	0.0%	100.0%
1,139	5	0.0%	100.0%
1,140	4	0.0%	100.0%
1,141	8	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,142	4	0.0%	100.0%
1,143	3	0.0%	100.0%
1,144	1	0.0%	100.0%
1,145	5	0.0%	100.0%
1,146	2	0.0%	100.0%
1,147	4	0.0%	100.0%
1,149	5	0.0%	100.0%
1,150	3	0.0%	100.0%
1,151	11	0.0%	100.0%
1,152	4	0.0%	100.0%
1,153	6	0.0%	100.0%
1,154	4	0.0%	100.0%
1,155	3	0.0%	100.0%
1,156	1	0.0%	100.0%
1,157	2	0.0%	100.0%
1,158	4	0.0%	100.0%
1,159	6	0.0%	100.0%
1,160	7	0.0%	100.0%
1,161	6	0.0%	100.0%
1,162	3	0.0%	100.0%
1,163	3	0.0%	100.0%
1,165	7	0.0%	100.0%
1,166	4	0.0%	100.0%
1,167	2	0.0%	100.0%
1,168	5	0.0%	100.0%
1,169	8	0.0%	100.0%
1,170	5	0.0%	100.0%
1,171	3	0.0%	100.0%
1,172	3	0.0%	100.0%
1,173	6	0.0%	100.0%
1,174	2	0.0%	100.0%
1,175	4	0.0%	100.0%
1,177	4	0.0%	100.0%
1,178	8	0.0%	100.0%
1,179	5	0.0%	100.0%
1,180	6	0.0%	100.0%
1,181	4	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,182	3	0.0%	100.0%
1,183	4	0.0%	100.0%
1,184	9	0.0%	100.0%
1,185	7	0.0%	100.0%
1,186	1	0.0%	100.0%
1,187	4	0.0%	100.0%
1,188	4	0.0%	100.0%
1,189	2	0.0%	100.0%
1,190	2	0.0%	100.0%
1,191	2	0.0%	100.0%
1,192	4	0.0%	100.0%
1,193	2	0.0%	100.0%
1,194	7	0.0%	100.0%
1,195	2	0.0%	100.0%
1,196	6	0.0%	100.0%
1,197	3	0.0%	100.0%
1,198	4	0.0%	100.0%
1,199	1	0.0%	100.0%
1,200	5	0.0%	100.0%
1,201	4	0.0%	100.0%
1,202	6	0.0%	100.0%
1,203	4	0.0%	100.0%
1,204	6	0.0%	100.0%
1,205	5	0.0%	100.0%
1,206	2	0.0%	100.0%
1,207	2	0.0%	100.0%
1,208	3	0.0%	100.0%
1,209	9	0.0%	100.0%
1,210	5	0.0%	100.0%
1,211	3	0.0%	100.0%
1,212	4	0.0%	100.0%
1,214	2	0.0%	100.0%
1,215	6	0.0%	100.0%
1,216	1	0.0%	100.0%
1,217	1	0.0%	100.0%
1,218	4	0.0%	100.0%
1,219	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,220	1	0.0%	100.0%
1,222	2	0.0%	100.0%
1,223	3	0.0%	100.0%
1,224	1	0.0%	100.0%
1,225	4	0.0%	100.0%
1,226	2	0.0%	100.0%
1,227	3	0.0%	100.0%
1,228	4	0.0%	100.0%
1,229	3	0.0%	100.0%
1,230	4	0.0%	100.0%
1,231	2	0.0%	100.0%
1,232	1	0.0%	100.0%
1,233	4	0.0%	100.0%
1,234	1	0.0%	100.0%
1,235	2	0.0%	100.0%
1,236	1	0.0%	100.0%
1,237	6	0.0%	100.0%
1,238	5	0.0%	100.0%
1,239	5	0.0%	100.0%
1,240	5	0.0%	100.0%
1,241	3	0.0%	100.0%
1,242	7	0.0%	100.0%
1,243	5	0.0%	100.0%
1,244	4	0.0%	100.0%
1,245	5	0.0%	100.0%
1,246	6	0.0%	100.0%
1,247	1	0.0%	100.0%
1,248	2	0.0%	100.0%
1,249	2	0.0%	100.0%
1,250	2	0.0%	100.0%
1,251	3	0.0%	100.0%
1,252	4	0.0%	100.0%
1,253	1	0.0%	100.0%
1,254	4	0.0%	100.0%
1,256	3	0.0%	100.0%
1,257	2	0.0%	100.0%
1,258	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,260	1	0.0%	100.0%
1,261	3	0.0%	100.0%
1,262	3	0.0%	100.0%
1,264	4	0.0%	100.0%
1,265	3	0.0%	100.0%
1,266	2	0.0%	100.0%
1,267	2	0.0%	100.0%
1,268	4	0.0%	100.0%
1,269	9	0.0%	100.0%
1,270	2	0.0%	100.0%
1,271	4	0.0%	100.0%
1,272	1	0.0%	100.0%
1,273	3	0.0%	100.0%
1,274	4	0.0%	100.0%
1,275	2	0.0%	100.0%
1,276	2	0.0%	100.0%
1,277	1	0.0%	100.0%
1,278	4	0.0%	100.0%
1,279	2	0.0%	100.0%
1,280	3	0.0%	100.0%
1,281	2	0.0%	100.0%
1,282	3	0.0%	100.0%
1,283	3	0.0%	100.0%
1,284	3	0.0%	100.0%
1,285	2	0.0%	100.0%
1,286	3	0.0%	100.0%
1,287	3	0.0%	100.0%
1,288	1	0.0%	100.0%
1,289	4	0.0%	100.0%
1,290	4	0.0%	100.0%
1,291	1	0.0%	100.0%
1,292	4	0.0%	100.0%
1,293	4	0.0%	100.0%
1,294	4	0.0%	100.0%
1,295	3	0.0%	100.0%
1,296	2	0.0%	100.0%
1,297	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,298	3	0.0%	100.0%
1,299	4	0.0%	100.0%
1,300	3	0.0%	100.0%
1,301	2	0.0%	100.0%
1,302	2	0.0%	100.0%
1,303	4	0.0%	100.0%
1,304	3	0.0%	100.0%
1,305	2	0.0%	100.0%
1,306	1	0.0%	100.0%
1,307	3	0.0%	100.0%
1,308	2	0.0%	100.0%
1,309	1	0.0%	100.0%
1,310	4	0.0%	100.0%
1,311	2	0.0%	100.0%
1,312	4	0.0%	100.0%
1,313	2	0.0%	100.0%
1,314	5	0.0%	100.0%
1,315	3	0.0%	100.0%
1,316	2	0.0%	100.0%
1,317	2	0.0%	100.0%
1,318	1	0.0%	100.0%
1,319	4	0.0%	100.0%
1,320	4	0.0%	100.0%
1,322	5	0.0%	100.0%
1,323	2	0.0%	100.0%
1,324	1	0.0%	100.0%
1,325	2	0.0%	100.0%
1,326	1	0.0%	100.0%
1,327	2	0.0%	100.0%
1,328	2	0.0%	100.0%
1,329	1	0.0%	100.0%
1,331	2	0.0%	100.0%
1,332	2	0.0%	100.0%
1,333	3	0.0%	100.0%
1,334	3	0.0%	100.0%
1,335	3	0.0%	100.0%
1,336	3	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,337	3	0.0%	100.0%
1,338	3	0.0%	100.0%
1,341	1	0.0%	100.0%
1,342	1	0.0%	100.0%
1,343	2	0.0%	100.0%
1,344	4	0.0%	100.0%
1,345	1	0.0%	100.0%
1,346	2	0.0%	100.0%
1,347	1	0.0%	100.0%
1,348	3	0.0%	100.0%
1,349	1	0.0%	100.0%
1,350	4	0.0%	100.0%
1,352	3	0.0%	100.0%
1,353	2	0.0%	100.0%
1,354	2	0.0%	100.0%
1,355	4	0.0%	100.0%
1,356	1	0.0%	100.0%
1,357	1	0.0%	100.0%
1,358	1	0.0%	100.0%
1,360	5	0.0%	100.0%
1,362	2	0.0%	100.0%
1,363	1	0.0%	100.0%
1,364	1	0.0%	100.0%
1,365	1	0.0%	100.0%
1,366	3	0.0%	100.0%
1,367	3	0.0%	100.0%
1,368	5	0.0%	100.0%
1,369	2	0.0%	100.0%
1,370	4	0.0%	100.0%
1,371	3	0.0%	100.0%
1,372	3	0.0%	100.0%
1,373	1	0.0%	100.0%
1,374	3	0.0%	100.0%
1,375	3	0.0%	100.0%
1,376	1	0.0%	100.0%
1,377	2	0.0%	100.0%
1,378	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,379	4	0.0%	100.0%
1,380	1	0.0%	100.0%
1,381	3	0.0%	100.0%
1,382	2	0.0%	100.0%
1,383	2	0.0%	100.0%
1,386	1	0.0%	100.0%
1,388	2	0.0%	100.0%
1,390	4	0.0%	100.0%
1,393	2	0.0%	100.0%
1,395	1	0.0%	100.0%
1,396	1	0.0%	100.0%
1,397	1	0.0%	100.0%
1,398	3	0.0%	100.0%
1,400	2	0.0%	100.0%
1,402	3	0.0%	100.0%
1,403	4	0.0%	100.0%
1,405	3	0.0%	100.0%
1,406	2	0.0%	100.0%
1,407	3	0.0%	100.0%
1,408	3	0.0%	100.0%
1,409	2	0.0%	100.0%
1,410	2	0.0%	100.0%
1,411	1	0.0%	100.0%
1,413	1	0.0%	100.0%
1,416	1	0.0%	100.0%
1,417	3	0.0%	100.0%
1,419	1	0.0%	100.0%
1,420	1	0.0%	100.0%
1,421	2	0.0%	100.0%
1,422	2	0.0%	100.0%
1,423	2	0.0%	100.0%
1,424	1	0.0%	100.0%
1,425	2	0.0%	100.0%
1,426	2	0.0%	100.0%
1,427	2	0.0%	100.0%
1,428	1	0.0%	100.0%
1,429	2	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,430	6	0.0%	100.0%
1,432	1	0.0%	100.0%
1,433	2	0.0%	100.0%
1,434	2	0.0%	100.0%
1,435	1	0.0%	100.0%
1,436	1	0.0%	100.0%
1,437	1	0.0%	100.0%
1,438	3	0.0%	100.0%
1,439	2	0.0%	100.0%
1,440	4	0.0%	100.0%
1,441	1	0.0%	100.0%
1,442	4	0.0%	100.0%
1,443	2	0.0%	100.0%
1,445	1	0.0%	100.0%
1,446	1	0.0%	100.0%
1,448	1	0.0%	100.0%
1,449	2	0.0%	100.0%
1,451	2	0.0%	100.0%
1,452	3	0.0%	100.0%
1,453	5	0.0%	100.0%
1,454	2	0.0%	100.0%
1,455	3	0.0%	100.0%
1,456	1	0.0%	100.0%
1,457	4	0.0%	100.0%
1,459	2	0.0%	100.0%
1,461	3	0.0%	100.0%
1,462	4	0.0%	100.0%
1,464	2	0.0%	100.0%
1,465	3	0.0%	100.0%
1,467	4	0.0%	100.0%
1,468	2	0.0%	100.0%
1,469	1	0.0%	100.0%
1,470	2	0.0%	100.0%
1,471	3	0.0%	100.0%
1,472	3	0.0%	100.0%
1,473	1	0.0%	100.0%
1,474	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,475	2	0.0%	100.0%
1,476	1	0.0%	100.0%
1,477	1	0.0%	100.0%
1,478	1	0.0%	100.0%
1,479	2	0.0%	100.0%
1,481	1	0.0%	100.0%
1,482	1	0.0%	100.0%
1,483	1	0.0%	100.0%
1,484	3	0.0%	100.0%
1,485	4	0.0%	100.0%
1,486	1	0.0%	100.0%
1,487	3	0.0%	100.0%
1,489	3	0.0%	100.0%
1,490	3	0.0%	100.0%
1,491	1	0.0%	100.0%
1,493	3	0.0%	100.0%
1,494	1	0.0%	100.0%
1,495	1	0.0%	100.0%
1,496	1	0.0%	100.0%
1,497	1	0.0%	100.0%
1,498	1	0.0%	100.0%
1,499	2	0.0%	100.0%
1,500	1	0.0%	100.0%
1,504	2	0.0%	100.0%
1,505	2	0.0%	100.0%
1,506	1	0.0%	100.0%
1,507	1	0.0%	100.0%
1,508	2	0.0%	100.0%
1,509	1	0.0%	100.0%
1,510	2	0.0%	100.0%
1,511	3	0.0%	100.0%
1,512	2	0.0%	100.0%
1,513	1	0.0%	100.0%
1,514	1	0.0%	100.0%
1,515	3	0.0%	100.0%
1,516	1	0.0%	100.0%
1,517	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,518	2	0.0%	100.0%
1,519	1	0.0%	100.0%
1,520	2	0.0%	100.0%
1,521	1	0.0%	100.0%
1,523	5	0.0%	100.0%
1,524	2	0.0%	100.0%
1,525	2	0.0%	100.0%
1,526	1	0.0%	100.0%
1,527	1	0.0%	100.0%
1,528	4	0.0%	100.0%
1,529	2	0.0%	100.0%
1,531	1	0.0%	100.0%
1,533	2	0.0%	100.0%
1,536	1	0.0%	100.0%
1,538	1	0.0%	100.0%
1,539	2	0.0%	100.0%
1,540	3	0.0%	100.0%
1,542	1	0.0%	100.0%
1,543	1	0.0%	100.0%
1,544	1	0.0%	100.0%
1,545	1	0.0%	100.0%
1,547	3	0.0%	100.0%
1,549	1	0.0%	100.0%
1,550	3	0.0%	100.0%
1,551	1	0.0%	100.0%
1,552	1	0.0%	100.0%
1,553	1	0.0%	100.0%
1,554	1	0.0%	100.0%
1,555	2	0.0%	100.0%
1,556	3	0.0%	100.0%
1,557	1	0.0%	100.0%
1,558	2	0.0%	100.0%
1,559	2	0.0%	100.0%
1,560	1	0.0%	100.0%
1,561	1	0.0%	100.0%
1,563	2	0.0%	100.0%
1,565	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,566	1	0.0%	100.0%
1,570	3	0.0%	100.0%
1,571	3	0.0%	100.0%
1,572	3	0.0%	100.0%
1,574	1	0.0%	100.0%
1,575	2	0.0%	100.0%
1,576	1	0.0%	100.0%
1,577	1	0.0%	100.0%
1,578	2	0.0%	100.0%
1,579	2	0.0%	100.0%
1,580	1	0.0%	100.0%
1,581	2	0.0%	100.0%
1,582	1	0.0%	100.0%
1,583	2	0.0%	100.0%
1,591	1	0.0%	100.0%
1,592	2	0.0%	100.0%
1,594	3	0.0%	100.0%
1,595	1	0.0%	100.0%
1,597	2	0.0%	100.0%
1,599	2	0.0%	100.0%
1,601	1	0.0%	100.0%
1,602	2	0.0%	100.0%
1,603	1	0.0%	100.0%
1,604	2	0.0%	100.0%
1,606	2	0.0%	100.0%
1,608	4	0.0%	100.0%
1,609	4	0.0%	100.0%
1,610	1	0.0%	100.0%
1,614	1	0.0%	100.0%
1,616	1	0.0%	100.0%
1,617	2	0.0%	100.0%
1,618	4	0.0%	100.0%
1,620	1	0.0%	100.0%
1,624	2	0.0%	100.0%
1,625	2	0.0%	100.0%
1,626	3	0.0%	100.0%
1,627	3	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,628	2	0.0%	100.0%
1,629	2	0.0%	100.0%
1,630	1	0.0%	100.0%
1,631	1	0.0%	100.0%
1,632	1	0.0%	100.0%
1,633	2	0.0%	100.0%
1,634	1	0.0%	100.0%
1,635	2	0.0%	100.0%
1,636	2	0.0%	100.0%
1,639	2	0.0%	100.0%
1,640	1	0.0%	100.0%
1,641	4	0.0%	100.0%
1,642	3	0.0%	100.0%
1,643	1	0.0%	100.0%
1,645	1	0.0%	100.0%
1,648	2	0.0%	100.0%
1,650	1	0.0%	100.0%
1,652	1	0.0%	100.0%
1,653	1	0.0%	100.0%
1,654	1	0.0%	100.0%
1,656	2	0.0%	100.0%
1,657	1	0.0%	100.0%
1,659	1	0.0%	100.0%
1,662	1	0.0%	100.0%
1,663	2	0.0%	100.0%
1,664	1	0.0%	100.0%
1,666	2	0.0%	100.0%
1,668	1	0.0%	100.0%
1,673	1	0.0%	100.0%
1,674	1	0.0%	100.0%
1,678	2	0.0%	100.0%
1,679	2	0.0%	100.0%
1,680	1	0.0%	100.0%
1,683	2	0.0%	100.0%
1,684	2	0.0%	100.0%
1,685	4	0.0%	100.0%
1,686	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,688	1	0.0%	100.0%
1,690	1	0.0%	100.0%
1,691	3	0.0%	100.0%
1,692	1	0.0%	100.0%
1,693	2	0.0%	100.0%
1,695	1	0.0%	100.0%
1,696	1	0.0%	100.0%
1,701	1	0.0%	100.0%
1,703	2	0.0%	100.0%
1,705	1	0.0%	100.0%
1,706	1	0.0%	100.0%
1,707	1	0.0%	100.0%
1,712	2	0.0%	100.0%
1,713	2	0.0%	100.0%
1,715	1	0.0%	100.0%
1,721	1	0.0%	100.0%
1,722	1	0.0%	100.0%
1,723	1	0.0%	100.0%
1,725	1	0.0%	100.0%
1,726	2	0.0%	100.0%
1,727	2	0.0%	100.0%
1,728	2	0.0%	100.0%
1,731	1	0.0%	100.0%
1,734	1	0.0%	100.0%
1,735	4	0.0%	100.0%
1,737	1	0.0%	100.0%
1,738	2	0.0%	100.0%
1,741	1	0.0%	100.0%
1,743	1	0.0%	100.0%
1,744	1	0.0%	100.0%
1,747	1	0.0%	100.0%
1,753	1	0.0%	100.0%
1,754	1	0.0%	100.0%
1,756	1	0.0%	100.0%
1,757	4	0.0%	100.0%
1,760	2	0.0%	100.0%
1,762	2	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,765	3	0.0%	100.0%
1,766	1	0.0%	100.0%
1,768	1	0.0%	100.0%
1,769	1	0.0%	100.0%
1,770	1	0.0%	100.0%
1,781	1	0.0%	100.0%
1,783	2	0.0%	100.0%
1,784	1	0.0%	100.0%
1,785	1	0.0%	100.0%
1,786	1	0.0%	100.0%
1,787	2	0.0%	100.0%
1,788	1	0.0%	100.0%
1,789	1	0.0%	100.0%
1,795	1	0.0%	100.0%
1,797	1	0.0%	100.0%
1,799	1	0.0%	100.0%
1,801	3	0.0%	100.0%
1,803	2	0.0%	100.0%
1,804	1	0.0%	100.0%
1,807	1	0.0%	100.0%
1,812	1	0.0%	100.0%
1,813	4	0.0%	100.0%
1,816	1	0.0%	100.0%
1,818	1	0.0%	100.0%
1,819	2	0.0%	100.0%
1,820	1	0.0%	100.0%
1,825	2	0.0%	100.0%
1,826	1	0.0%	100.0%
1,827	1	0.0%	100.0%
1,829	1	0.0%	100.0%
1,830	1	0.0%	100.0%
1,831	1	0.0%	100.0%
1,832	1	0.0%	100.0%
1,835	1	0.0%	100.0%
1,836	1	0.0%	100.0%
1,837	2	0.0%	100.0%
1,839	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,840	2	0.0%	100.0%
1,841	1	0.0%	100.0%
1,842	1	0.0%	100.0%
1,843	2	0.0%	100.0%
1,844	2	0.0%	100.0%
1,846	1	0.0%	100.0%
1,847	1	0.0%	100.0%
1,848	1	0.0%	100.0%
1,850	1	0.0%	100.0%
1,859	1	0.0%	100.0%
1,861	2	0.0%	100.0%
1,863	1	0.0%	100.0%
1,864	1	0.0%	100.0%
1,866	1	0.0%	100.0%
1,867	3	0.0%	100.0%
1,868	1	0.0%	100.0%
1,877	1	0.0%	100.0%
1,878	1	0.0%	100.0%
1,880	1	0.0%	100.0%
1,882	1	0.0%	100.0%
1,884	1	0.0%	100.0%
1,886	1	0.0%	100.0%
1,887	1	0.0%	100.0%
1,889	1	0.0%	100.0%
1,890	2	0.0%	100.0%
1,891	2	0.0%	100.0%
1,892	1	0.0%	100.0%
1,894	1	0.0%	100.0%
1,895	2	0.0%	100.0%
1,897	1	0.0%	100.0%
1,901	2	0.0%	100.0%
1,903	1	0.0%	100.0%
1,904	1	0.0%	100.0%
1,909	1	0.0%	100.0%
1,910	2	0.0%	100.0%
1,913	1	0.0%	100.0%
1,914	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,915	1	0.0%	100.0%
1,919	1	0.0%	100.0%
1,924	1	0.0%	100.0%
1,926	1	0.0%	100.0%
1,930	1	0.0%	100.0%
1,931	1	0.0%	100.0%
1,932	1	0.0%	100.0%
1,933	2	0.0%	100.0%
1,936	1	0.0%	100.0%
1,940	2	0.0%	100.0%
1,941	2	0.0%	100.0%
1,943	1	0.0%	100.0%
1,945	2	0.0%	100.0%
1,946	2	0.0%	100.0%
1,949	1	0.0%	100.0%
1,950	3	0.0%	100.0%
1,951	1	0.0%	100.0%
1,952	2	0.0%	100.0%
1,953	1	0.0%	100.0%
1,957	1	0.0%	100.0%
1,958	1	0.0%	100.0%
1,968	1	0.0%	100.0%
1,969	2	0.0%	100.0%
1,971	1	0.0%	100.0%
1,975	1	0.0%	100.0%
1,977	1	0.0%	100.0%
1,978	1	0.0%	100.0%
1,980	1	0.0%	100.0%
1,981	1	0.0%	100.0%
1,985	1	0.0%	100.0%
1,986	2	0.0%	100.0%
1,987	1	0.0%	100.0%
1,989	2	0.0%	100.0%
1,990	1	0.0%	100.0%
1,992	1	0.0%	100.0%
1,993	2	0.0%	100.0%
1,994	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,995	3	0.0%	100.0%
1,997	1	0.0%	100.0%
1,998	2	0.0%	100.0%
1,999	3	0.0%	100.0%
2,000	3	0.0%	100.0%
2,001	1	0.0%	100.0%
2,002	1	0.0%	100.0%
2,003	1	0.0%	100.0%
2,005	1	0.0%	100.0%
2,007	1	0.0%	100.0%
2,008	1	0.0%	100.0%
2,009	1	0.0%	100.0%
2,010	1	0.0%	100.0%
2,011	1	0.0%	100.0%
2,012	3	0.0%	100.0%
2,013	3	0.0%	100.0%
2,014	2	0.0%	100.0%
2,015	4	0.0%	100.0%
2,016	1	0.0%	100.0%
2,017	5	0.0%	100.0%
2,018	3	0.0%	100.0%
2,019	3	0.0%	100.0%
2,020	2	0.0%	100.0%
2,021	1	0.0%	100.0%
2,022	2	0.0%	100.0%
2,023	2	0.0%	100.0%
2,024	1	0.0%	100.0%
2,025	2	0.0%	100.0%
2,026	4	0.0%	100.0%
2,027	5	0.0%	100.0%
2,028	4	0.0%	100.0%
2,029	7	0.0%	100.0%
2,030	9	0.0%	100.0%
2,031	4	0.0%	100.0%
2,032	10	0.0%	100.0%
2,033	7	0.0%	100.0%
2,034	11	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
2,093	1	0.0%	100.0%
2,218	1	0.0%	100.0%
2,429	1	0.0%	100.0%
2,497	1	0.0%	100.0%

1.8 Paired reads distance distribution

Distance	Count	Percentage	Cummulative Percentage
180	1,306	3.0%	3.0%
181	1,279	3.0%	6.0%
182	1,272	3.0%	9.0%
183	1,244	2.9%	11.9%
184	1,183	2.8%	14.6%
185	1,194	2.8%	17.4%
186	1,117	2.6%	20.0%
187	1,096	2.5%	22.5%
188	1,105	2.6%	25.1%
189	1,066	2.5%	27.6%
190	1,057	2.5%	30.0%
191	1,037	2.4%	32.5%
192	936	2.2%	34.6%
193	930	2.2%	36.8%
194	916	2.1%	38.9%
195	895	2.1%	41.0%
196	842	2.0%	43.0%
197	831	1.9%	44.9%
198	895	2.1%	47.0%
199	798	1.9%	48.8%
200	782	1.8%	50.7%
201	724	1.7%	52.3%
202	715	1.7%	54.0%
203	708	1.6%	55.7%
204	750	1.7%	57.4%
205	698	1.6%	59.0%
206	649	1.5%	60.5%
207	636	1.5%	62.0%
208	610	1.4%	63.4%

Distance	Count	Percentage	Cummulative Percentage
209	593	1.4%	64.8%
210	607	1.4%	66.2%
211	615	1.4%	67.7%
212	611	1.4%	69.1%
213	591	1.4%	70.4%
214	542	1.3%	71.7%
215	552	1.3%	73.0%
216	528	1.2%	74.2%
217	497	1.2%	75.4%
218	454	1.1%	76.4%
219	477	1.1%	77.5%
220	434	1.0%	78.6%
221	443	1.0%	79.6%
222	449	1.0%	80.6%
223	426	1.0%	81.6%
224	414	1.0%	82.6%
225	392	0.9%	83.5%
226	391	0.9%	84.4%
227	365	0.8%	85.3%
228	415	1.0%	86.2%
229	345	0.8%	87.0%
230	376	0.9%	87.9%
231	328	0.8%	88.7%
232	338	0.8%	89.4%
233	300	0.7%	90.1%
234	299	0.7%	90.8%
235	314	0.7%	91.6%
236	296	0.7%	92.3%
237	308	0.7%	93.0%
238	283	0.7%	93.6%
239	255	0.6%	94.2%
240	270	0.6%	94.9%
241	250	0.6%	95.4%
242	248	0.6%	96.0%
243	239	0.6%	96.6%
244	243	0.6%	97.1%
245	233	0.5%	97.7%

Distance	Count	Percentage	Cummulative Percentage
246	187	0.4%	98.1%
247	212	0.5%	98.6%
248	202	0.5%	99.1%
249	192	0.4%	99.5%
250	208	0.5%	100.0%