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1. Summary mapping report

1.1 Summary statistics

	Count	Average length	Total bases
Reads	330,589,944	44	14,546,606,404
Matched	129,960,245	47.94	6,230,236,493
Not matched	200,629,699	41.45	8,316,369,911
Contigs	153,782	374	57,586,894
Paired reads	42,805	204.43	
Broken paired reads	6,759,613	61.78	

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
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
SRR280988 trimmed	Long	Single	Default
SRR280842_1 (paired) trimmed	Long	Single	Default
SRR281062 trimmed	Long	Single	Default

Reads	Length	Type	Parameters
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	279
N50	423
N25	581

1.5 Distribution of read length

Length	Count	Percentage	Cummulative Percentage
25	457,560	0.1%	0.1%
26	544,134	0.2%	0.3%
27	675,469	0.2%	0.5%

Length	Count	Percentage	Cummulative Percentage
28	623,766	0.2%	0.7%
29	757,920	0.2%	0.9%
30	831,104	0.3%	1.2%
31	1,056,594	0.3%	1.5%
32	1,255,564	0.4%	1.9%
33	1,689,850	0.5%	2.4%
34	3,889,094	1.2%	3.6%
35	2,056,201	0.6%	4.2%
36	234,869,150	71.0%	75.2%
37	523,839	0.2%	75.4%
38	625,278	0.2%	75.6%
39	803,912	0.2%	75.8%
40	834,438	0.3%	76.1%
41	588,291	0.2%	76.3%
42	424,068	0.1%	76.4%
43	334,270	0.1%	76.5%
44	335,810	0.1%	76.6%
45	419,442	0.1%	76.7%
46	266,242	0.1%	76.8%
47	232,365	0.1%	76.9%
48	254,707	0.1%	76.9%
49	363,979	0.1%	77.0%
50	478,490	0.1%	77.2%
51	296,760	0.1%	77.3%
52	337,347	0.1%	77.4%
53	351,167	0.1%	77.5%
54	424,211	0.1%	77.6%
55	526,371	0.2%	77.8%
56	345,873	0.1%	77.9%
57	445,349	0.1%	78.0%
58	478,372	0.1%	78.2%
59	691,689	0.2%	78.4%
60	621,892	0.2%	78.6%
61	609,706	0.2%	78.7%
62	628,850	0.2%	78.9%
63	1,263,663	0.4%	79.3%
64	1,239,204	0.4%	79.7%

Length	Count	Percentage	Cummulative Percentage
65	1,458,666	0.4%	80.1%
66	3,004,593	0.9%	81.0%
67	1,486,240	0.4%	81.5%
68	1,338,515	0.4%	81.9%
69	20,233,048	6.1%	88.0%
70	2,310,146	0.7%	88.7%
71	36,816,577	11.1%	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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%	99.9%
500	1,711	0.0%	99.9%
501	1,717	0.0%	99.9%
502	1,813	0.0%	99.9%
503	2,013	0.0%	99.9%
504	2,032	0.0%	99.9%
505	2,124	0.0%	99.9%
506	2,163	0.0%	99.9%
507	2,178	0.0%	99.9%
508	2,329	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
509	2,432	0.0%	99.9%
510	2,439	0.0%	99.9%
511	2,496	0.0%	99.9%
512	2,703	0.0%	99.9%
513	2,649	0.0%	99.9%
514	2,666	0.0%	99.9%
515	2,766	0.0%	99.9%
516	2,838	0.0%	99.9%
517	2,925	0.0%	99.9%
518	3,059	0.0%	99.9%
519	3,088	0.0%	99.9%
520	3,159	0.0%	99.9%
521	3,252	0.0%	99.9%
522	3,266	0.0%	99.9%
523	3,426	0.0%	99.9%
524	3,462	0.0%	99.9%
525	3,432	0.0%	99.9%
526	3,469	0.0%	99.9%
527	3,513	0.0%	99.9%
528	3,530	0.0%	99.9%
529	3,533	0.0%	99.9%
530	3,616	0.0%	99.9%
531	3,630	0.0%	99.9%
532	3,681	0.0%	99.9%
533	3,646	0.0%	99.9%
534	3,697	0.0%	99.9%
535	3,640	0.0%	99.9%
536	3,622	0.0%	99.9%
537	3,539	0.0%	99.9%
538	3,577	0.0%	99.9%
539	3,547	0.0%	99.9%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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	311,541	0.2%	0.2%
26	381,561	0.3%	0.5%
27	521,003	0.4%	0.9%
28	424,049	0.3%	1.3%
29	520,565	0.4%	1.7%
30	544,560	0.4%	2.1%
31	578,362	0.4%	2.5%
32	617,871	0.5%	3.0%
33	861,422	0.7%	3.7%
34	1,471,855	1.1%	4.8%
35	992,816	0.8%	5.6%
36	72,534,099	55.8%	61.4%
37	481,082	0.4%	61.7%
38	581,984	0.4%	62.2%
39	749,239	0.6%	62.8%
40	766,642	0.6%	63.4%
41	544,370	0.4%	63.8%
42	377,505	0.3%	64.1%
43	271,346	0.2%	64.3%
44	260,472	0.2%	64.5%
45	312,338	0.2%	64.7%
46	200,995	0.2%	64.9%
47	172,203	0.1%	65.0%
48	183,901	0.1%	65.1%
49	265,463	0.2%	65.3%
50	348,170	0.3%	65.6%
51	210,570	0.2%	65.8%
52	246,898	0.2%	66.0%
53	255,875	0.2%	66.2%
54	303,468	0.2%	66.4%
55	393,797	0.3%	66.7%
56	245,939	0.2%	66.9%
57	335,456	0.3%	67.1%
58	354,978	0.3%	67.4%

Length	Count	Percentage	Cummulative Percentage
59	526,440	0.4%	67.8%
60	464,277	0.4%	68.2%
61	424,459	0.3%	68.5%
62	452,021	0.3%	68.9%
63	1,045,580	0.8%	69.7%
64	933,681	0.7%	70.4%
65	1,098,087	0.8%	71.2%
66	2,601,174	2.0%	73.2%
67	1,054,373	0.8%	74.0%
68	808,676	0.6%	74.7%
69	10,835,633	8.3%	83.0%
70	1,256,527	1.0%	84.0%
71	20,531,304	15.8%	99.8%
73	3	0.0%	99.8%
74	1	0.0%	99.8%
75	5	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	5	0.0%	99.8%
81	2	0.0%	99.8%
82	6	0.0%	99.8%
83	6	0.0%	99.8%
84	3	0.0%	99.8%
85	2	0.0%	99.8%
86	1	0.0%	99.8%
87	4	0.0%	99.8%
88	4	0.0%	99.8%
89	5	0.0%	99.8%
90	3	0.0%	99.8%
91	5	0.0%	99.8%
92	7	0.0%	99.8%
93	1	0.0%	99.8%
94	7	0.0%	99.8%
95	4	0.0%	99.8%
96	8	0.0%	99.8%

Length	Count	Percentage	Cummulative Percentage
97	5	0.0%	99.8%
98	3	0.0%	99.8%
99	5	0.0%	99.8%
100	50	0.0%	99.8%
101	44	0.0%	99.8%
102	42	0.0%	99.8%
103	39	0.0%	99.8%
104	59	0.0%	99.8%
105	36	0.0%	99.8%
106	56	0.0%	99.8%
107	54	0.0%	99.8%
108	51	0.0%	99.8%
109	50	0.0%	99.8%
110	57	0.0%	99.8%
111	59	0.0%	99.8%
112	46	0.0%	99.8%
113	55	0.0%	99.8%
114	63	0.0%	99.8%
115	53	0.0%	99.8%
116	48	0.0%	99.8%
117	65	0.0%	99.8%
118	68	0.0%	99.8%
119	107	0.0%	99.8%
120	120	0.0%	99.8%
121	60	0.0%	99.8%
122	45	0.0%	99.8%
123	49	0.0%	99.8%
124	77	0.0%	99.8%
125	65	0.0%	99.8%
126	51	0.0%	99.8%
127	52	0.0%	99.8%
128	42	0.0%	99.8%
129	45	0.0%	99.8%
130	32	0.0%	99.8%
131	42	0.0%	99.8%
132	46	0.0%	99.8%
133	35	0.0%	99.8%

Length	Count	Percentage	Cummulative Percentage
134	30	0.0%	99.8%
135	36	0.0%	99.8%
136	49	0.0%	99.8%
137	48	0.0%	99.8%
138	52	0.0%	99.8%
139	63	0.0%	99.8%
140	64	0.0%	99.8%
141	39	0.0%	99.8%
142	27	0.0%	99.8%
143	46	0.0%	99.8%
144	58	0.0%	99.8%
145	75	0.0%	99.8%
146	65	0.0%	99.8%
147	39	0.0%	99.8%
148	41	0.0%	99.8%
149	44	0.0%	99.8%
150	28	0.0%	99.8%
151	38	0.0%	99.8%
152	41	0.0%	99.8%
153	34	0.0%	99.8%
154	54	0.0%	99.8%
155	48	0.0%	99.8%
156	49	0.0%	99.8%
157	62	0.0%	99.8%
158	60	0.0%	99.8%
159	83	0.0%	99.8%
160	118	0.0%	99.8%
161	153	0.0%	99.8%
162	164	0.0%	99.8%
163	259	0.0%	99.8%
164	236	0.0%	99.8%
165	270	0.0%	99.8%
166	305	0.0%	99.8%
167	355	0.0%	99.8%
168	369	0.0%	99.8%
169	392	0.0%	99.8%
170	421	0.0%	99.8%

Length	Count	Percentage	Cummulative Percentage
171	437	0.0%	99.8%
172	471	0.0%	99.8%
173	475	0.0%	99.8%
174	501	0.0%	99.8%
175	518	0.0%	99.8%
176	557	0.0%	99.8%
177	591	0.0%	99.8%
178	634	0.0%	99.8%
179	630	0.0%	99.8%
180	569	0.0%	99.8%
181	661	0.0%	99.8%
182	678	0.0%	99.8%
183	691	0.0%	99.8%
184	711	0.0%	99.8%
185	730	0.0%	99.8%
186	743	0.0%	99.8%
187	751	0.0%	99.8%
188	731	0.0%	99.8%
189	762	0.0%	99.8%
190	711	0.0%	99.8%
191	794	0.0%	99.8%
192	826	0.0%	99.8%
193	806	0.0%	99.8%
194	749	0.0%	99.8%
195	736	0.0%	99.8%
196	768	0.0%	99.8%
197	787	0.0%	99.8%
198	802	0.0%	99.8%
199	820	0.0%	99.8%
200	776	0.0%	99.8%
201	741	0.0%	99.8%
202	752	0.0%	99.8%
203	759	0.0%	99.8%
204	758	0.0%	99.8%
205	784	0.0%	99.8%
206	765	0.0%	99.8%
207	747	0.0%	99.8%

Length	Count	Percentage	Cummulative Percentage
208	703	0.0%	99.8%
209	722	0.0%	99.8%
210	713	0.0%	99.8%
211	695	0.0%	99.8%
212	705	0.0%	99.8%
213	739	0.0%	99.8%
214	714	0.0%	99.8%
215	597	0.0%	99.8%
216	686	0.0%	99.8%
217	684	0.0%	99.8%
218	687	0.0%	99.8%
219	662	0.0%	99.8%
220	677	0.0%	99.8%
221	624	0.0%	99.8%
222	661	0.0%	99.8%
223	678	0.0%	99.8%
224	660	0.0%	99.8%
225	671	0.0%	99.8%
226	651	0.0%	99.8%
227	707	0.0%	99.8%
228	632	0.0%	99.8%
229	672	0.0%	99.8%
230	637	0.0%	99.8%
231	604	0.0%	99.8%
232	645	0.0%	99.8%
233	597	0.0%	99.8%
234	605	0.0%	99.8%
235	585	0.0%	99.8%
236	607	0.0%	99.8%
237	654	0.0%	99.8%
238	647	0.0%	99.8%
239	626	0.0%	99.8%
240	596	0.0%	99.8%
241	617	0.0%	99.8%
242	644	0.0%	99.8%
243	610	0.0%	99.8%
244	614	0.0%	99.8%

Length	Count	Percentage	Cummulative Percentage
245	550	0.0%	99.8%
246	619	0.0%	99.8%
247	608	0.0%	99.8%
248	674	0.0%	99.8%
249	672	0.0%	99.8%
250	582	0.0%	99.8%
251	609	0.0%	99.8%
252	592	0.0%	99.8%
253	585	0.0%	99.8%
254	546	0.0%	99.8%
255	540	0.0%	99.8%
256	560	0.0%	99.8%
257	514	0.0%	99.8%
258	584	0.0%	99.8%
259	554	0.0%	99.8%
260	532	0.0%	99.8%
261	546	0.0%	99.8%
262	552	0.0%	99.8%
263	497	0.0%	99.8%
264	537	0.0%	99.8%
265	513	0.0%	99.8%
266	484	0.0%	99.8%
267	526	0.0%	99.8%
268	558	0.0%	99.8%
269	499	0.0%	99.8%
270	496	0.0%	99.8%
271	509	0.0%	99.8%
272	500	0.0%	99.8%
273	474	0.0%	99.8%
274	469	0.0%	99.8%
275	494	0.0%	99.8%
276	461	0.0%	99.8%
277	437	0.0%	99.8%
278	505	0.0%	99.8%
279	498	0.0%	99.8%
280	474	0.0%	99.8%
281	480	0.0%	99.8%

Length	Count	Percentage	Cummulative Percentage
282	462	0.0%	99.8%
283	473	0.0%	99.8%
284	464	0.0%	99.8%
285	470	0.0%	99.8%
286	436	0.0%	99.8%
287	452	0.0%	99.8%
288	467	0.0%	99.8%
289	430	0.0%	99.8%
290	456	0.0%	99.8%
291	456	0.0%	99.8%
292	430	0.0%	99.8%
293	453	0.0%	99.8%
294	424	0.0%	99.8%
295	436	0.0%	99.8%
296	461	0.0%	99.8%
297	440	0.0%	99.8%
298	409	0.0%	99.8%
299	422	0.0%	99.8%
300	394	0.0%	99.8%
301	412	0.0%	99.8%
302	353	0.0%	99.8%
303	433	0.0%	99.8%
304	414	0.0%	99.8%
305	405	0.0%	99.8%
306	380	0.0%	99.8%
307	395	0.0%	99.8%
308	380	0.0%	99.8%
309	381	0.0%	99.8%
310	369	0.0%	99.8%
311	382	0.0%	99.8%
312	358	0.0%	99.8%
313	370	0.0%	99.8%
314	402	0.0%	99.8%
315	389	0.0%	99.8%
316	374	0.0%	99.8%
317	389	0.0%	99.8%
318	379	0.0%	99.8%

Length	Count	Percentage	Cummulative Percentage
319	355	0.0%	99.8%
320	357	0.0%	99.8%
321	376	0.0%	99.8%
322	354	0.0%	99.8%
323	392	0.0%	99.8%
324	372	0.0%	99.8%
325	336	0.0%	99.8%
326	398	0.0%	99.8%
327	338	0.0%	99.8%
328	360	0.0%	99.8%
329	342	0.0%	99.8%
330	349	0.0%	99.8%
331	307	0.0%	99.8%
332	325	0.0%	99.8%
333	327	0.0%	99.8%
334	326	0.0%	99.8%
335	337	0.0%	99.8%
336	347	0.0%	99.8%
337	348	0.0%	99.8%
338	287	0.0%	99.8%
339	298	0.0%	99.8%
340	326	0.0%	99.8%
341	299	0.0%	99.8%
342	293	0.0%	99.8%
343	285	0.0%	99.8%
344	282	0.0%	99.8%
345	278	0.0%	99.8%
346	284	0.0%	99.8%
347	275	0.0%	99.8%
348	272	0.0%	99.8%
349	280	0.0%	99.8%
350	302	0.0%	99.8%
351	287	0.0%	99.8%
352	275	0.0%	99.8%
353	290	0.0%	99.8%
354	303	0.0%	99.8%
355	281	0.0%	99.8%

Length	Count	Percentage	Cummulative Percentage
356	286	0.0%	99.8%
357	288	0.0%	99.8%
358	272	0.0%	99.8%
359	276	0.0%	99.8%
360	256	0.0%	99.8%
361	246	0.0%	99.8%
362	306	0.0%	99.8%
363	273	0.0%	99.8%
364	286	0.0%	99.8%
365	262	0.0%	99.8%
366	257	0.0%	99.8%
367	257	0.0%	99.8%
368	216	0.0%	99.8%
369	247	0.0%	99.8%
370	285	0.0%	99.8%
371	262	0.0%	99.8%
372	253	0.0%	99.8%
373	265	0.0%	99.8%
374	254	0.0%	99.8%
375	249	0.0%	99.8%
376	246	0.0%	99.8%
377	234	0.0%	99.8%
378	265	0.0%	99.8%
379	232	0.0%	99.8%
380	214	0.0%	99.8%
381	235	0.0%	99.8%
382	202	0.0%	99.8%
383	204	0.0%	99.8%
384	214	0.0%	99.8%
385	250	0.0%	99.9%
386	198	0.0%	99.9%
387	223	0.0%	99.9%
388	231	0.0%	99.9%
389	224	0.0%	99.9%
390	215	0.0%	99.9%
391	211	0.0%	99.9%
392	214	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
393	209	0.0%	99.9%
394	198	0.0%	99.9%
395	204	0.0%	99.9%
396	214	0.0%	99.9%
397	218	0.0%	99.9%
398	197	0.0%	99.9%
399	216	0.0%	99.9%
400	262	0.0%	99.9%
401	229	0.0%	99.9%
402	195	0.0%	99.9%
403	226	0.0%	99.9%
404	215	0.0%	99.9%
405	205	0.0%	99.9%
406	206	0.0%	99.9%
407	245	0.0%	99.9%
408	199	0.0%	99.9%
409	227	0.0%	99.9%
410	209	0.0%	99.9%
411	221	0.0%	99.9%
412	209	0.0%	99.9%
413	197	0.0%	99.9%
414	209	0.0%	99.9%
415	214	0.0%	99.9%
416	168	0.0%	99.9%
417	226	0.0%	99.9%
418	219	0.0%	99.9%
419	223	0.0%	99.9%
420	193	0.0%	99.9%
421	198	0.0%	99.9%
422	206	0.0%	99.9%
423	205	0.0%	99.9%
424	206	0.0%	99.9%
425	207	0.0%	99.9%
426	203	0.0%	99.9%
427	205	0.0%	99.9%
428	235	0.0%	99.9%
429	218	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
430	225	0.0%	99.9%
431	233	0.0%	99.9%
432	217	0.0%	99.9%
433	208	0.0%	99.9%
434	267	0.0%	99.9%
435	236	0.0%	99.9%
436	222	0.0%	99.9%
437	243	0.0%	99.9%
438	206	0.0%	99.9%
439	242	0.0%	99.9%
440	254	0.0%	99.9%
441	258	0.0%	99.9%
442	249	0.0%	99.9%
443	237	0.0%	99.9%
444	236	0.0%	99.9%
445	256	0.0%	99.9%
446	230	0.0%	99.9%
447	248	0.0%	99.9%
448	291	0.0%	99.9%
449	242	0.0%	99.9%
450	265	0.0%	99.9%
451	270	0.0%	99.9%
452	265	0.0%	99.9%
453	278	0.0%	99.9%
454	271	0.0%	99.9%
455	277	0.0%	99.9%
456	299	0.0%	99.9%
457	294	0.0%	99.9%
458	278	0.0%	99.9%
459	294	0.0%	99.9%
460	298	0.0%	99.9%
461	294	0.0%	99.9%
462	307	0.0%	99.9%
463	334	0.0%	99.9%
464	291	0.0%	99.9%
465	358	0.0%	99.9%
466	340	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
467	389	0.0%	99.9%
468	357	0.0%	99.9%
469	395	0.0%	99.9%
470	366	0.0%	99.9%
471	408	0.0%	99.9%
472	394	0.0%	99.9%
473	387	0.0%	99.9%
474	436	0.0%	99.9%
475	421	0.0%	99.9%
476	450	0.0%	99.9%
477	436	0.0%	99.9%
478	472	0.0%	99.9%
479	494	0.0%	99.9%
480	504	0.0%	99.9%
481	494	0.0%	99.9%
482	547	0.0%	99.9%
483	570	0.0%	99.9%
484	551	0.0%	99.9%
485	561	0.0%	99.9%
486	579	0.0%	99.9%
487	616	0.0%	99.9%
488	592	0.0%	99.9%
489	693	0.0%	99.9%
490	683	0.0%	99.9%
491	723	0.0%	99.9%
492	792	0.0%	99.9%
493	744	0.0%	99.9%
494	822	0.0%	99.9%
495	871	0.0%	99.9%
496	886	0.0%	99.9%
497	956	0.0%	99.9%
498	952	0.0%	99.9%
499	966	0.0%	99.9%
500	1,027	0.0%	99.9%
501	1,055	0.0%	99.9%
502	1,164	0.0%	99.9%
503	1,227	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
504	1,297	0.0%	99.9%
505	1,380	0.0%	99.9%
506	1,357	0.0%	99.9%
507	1,393	0.0%	99.9%
508	1,489	0.0%	99.9%
509	1,548	0.0%	99.9%
510	1,576	0.0%	99.9%
511	1,568	0.0%	99.9%
512	1,734	0.0%	99.9%
513	1,704	0.0%	99.9%
514	1,739	0.0%	99.9%
515	1,799	0.0%	99.9%
516	1,800	0.0%	99.9%
517	1,904	0.0%	99.9%
518	1,967	0.0%	99.9%
519	1,945	0.0%	99.9%
520	2,033	0.0%	99.9%
521	2,097	0.0%	99.9%
522	2,096	0.0%	99.9%
523	2,197	0.0%	99.9%
524	2,192	0.0%	99.9%
525	2,222	0.0%	99.9%
526	2,214	0.0%	99.9%
527	2,217	0.0%	99.9%
528	2,258	0.0%	99.9%
529	2,256	0.0%	99.9%
530	2,251	0.0%	99.9%
531	2,273	0.0%	99.9%
532	2,315	0.0%	99.9%
533	2,255	0.0%	99.9%
534	2,292	0.0%	99.9%
535	2,238	0.0%	99.9%
536	2,199	0.0%	99.9%
537	2,161	0.0%	99.9%
538	2,097	0.0%	99.9%
539	2,108	0.0%	99.9%
540	2,102	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
541	2,126	0.0%	99.9%
542	2,050	0.0%	99.9%
543	1,990	0.0%	99.9%
544	1,998	0.0%	99.9%
545	1,957	0.0%	99.9%
546	1,966	0.0%	99.9%
547	1,947	0.0%	99.9%
548	1,857	0.0%	100.0%
549	1,819	0.0%	100.0%
550	1,884	0.0%	100.0%
551	1,746	0.0%	100.0%
552	1,714	0.0%	100.0%
553	1,752	0.0%	100.0%
554	1,629	0.0%	100.0%
555	1,624	0.0%	100.0%
556	1,530	0.0%	100.0%
557	1,456	0.0%	100.0%
558	1,451	0.0%	100.0%
559	1,432	0.0%	100.0%
560	1,373	0.0%	100.0%
561	1,304	0.0%	100.0%
562	1,333	0.0%	100.0%
563	1,315	0.0%	100.0%
564	1,233	0.0%	100.0%
565	1,234	0.0%	100.0%
566	1,161	0.0%	100.0%
567	1,140	0.0%	100.0%
568	1,151	0.0%	100.0%
569	994	0.0%	100.0%
570	997	0.0%	100.0%
571	1,014	0.0%	100.0%
572	905	0.0%	100.0%
573	878	0.0%	100.0%
574	855	0.0%	100.0%
575	831	0.0%	100.0%
576	764	0.0%	100.0%
577	767	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
578	775	0.0%	100.0%
579	680	0.0%	100.0%
580	696	0.0%	100.0%
581	649	0.0%	100.0%
582	592	0.0%	100.0%
583	619	0.0%	100.0%
584	598	0.0%	100.0%
585	577	0.0%	100.0%
586	567	0.0%	100.0%
587	474	0.0%	100.0%
588	486	0.0%	100.0%
589	473	0.0%	100.0%
590	426	0.0%	100.0%
591	440	0.0%	100.0%
592	426	0.0%	100.0%
593	406	0.0%	100.0%
594	398	0.0%	100.0%
595	384	0.0%	100.0%
596	351	0.0%	100.0%
597	342	0.0%	100.0%
598	352	0.0%	100.0%
599	308	0.0%	100.0%
600	321	0.0%	100.0%
601	304	0.0%	100.0%
602	268	0.0%	100.0%
603	277	0.0%	100.0%
604	277	0.0%	100.0%
605	250	0.0%	100.0%
606	253	0.0%	100.0%
607	247	0.0%	100.0%
608	240	0.0%	100.0%
609	264	0.0%	100.0%
610	192	0.0%	100.0%
611	227	0.0%	100.0%
612	222	0.0%	100.0%
613	182	0.0%	100.0%
614	163	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
615	211	0.0%	100.0%
616	186	0.0%	100.0%
617	176	0.0%	100.0%
618	156	0.0%	100.0%
619	150	0.0%	100.0%
620	132	0.0%	100.0%
621	185	0.0%	100.0%
622	148	0.0%	100.0%
623	159	0.0%	100.0%
624	153	0.0%	100.0%
625	134	0.0%	100.0%
626	151	0.0%	100.0%
627	122	0.0%	100.0%
628	139	0.0%	100.0%
629	151	0.0%	100.0%
630	123	0.0%	100.0%
631	112	0.0%	100.0%
632	123	0.0%	100.0%
633	91	0.0%	100.0%
634	105	0.0%	100.0%
635	93	0.0%	100.0%
636	91	0.0%	100.0%
637	108	0.0%	100.0%
638	94	0.0%	100.0%
639	87	0.0%	100.0%
640	106	0.0%	100.0%
641	87	0.0%	100.0%
642	107	0.0%	100.0%
643	93	0.0%	100.0%
644	99	0.0%	100.0%
645	72	0.0%	100.0%
646	75	0.0%	100.0%
647	70	0.0%	100.0%
648	72	0.0%	100.0%
649	88	0.0%	100.0%
650	86	0.0%	100.0%
651	84	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
652	97	0.0%	100.0%
653	74	0.0%	100.0%
654	71	0.0%	100.0%
655	84	0.0%	100.0%
656	74	0.0%	100.0%
657	76	0.0%	100.0%
658	59	0.0%	100.0%
659	63	0.0%	100.0%
660	70	0.0%	100.0%
661	75	0.0%	100.0%
662	59	0.0%	100.0%
663	76	0.0%	100.0%
664	67	0.0%	100.0%
665	68	0.0%	100.0%
666	56	0.0%	100.0%
667	57	0.0%	100.0%
668	60	0.0%	100.0%
669	53	0.0%	100.0%
670	54	0.0%	100.0%
671	65	0.0%	100.0%
672	63	0.0%	100.0%
673	58	0.0%	100.0%
674	55	0.0%	100.0%
675	49	0.0%	100.0%
676	55	0.0%	100.0%
677	55	0.0%	100.0%
678	64	0.0%	100.0%
679	51	0.0%	100.0%
680	47	0.0%	100.0%
681	48	0.0%	100.0%
682	41	0.0%	100.0%
683	45	0.0%	100.0%
684	44	0.0%	100.0%
685	43	0.0%	100.0%
686	41	0.0%	100.0%
687	37	0.0%	100.0%
688	35	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
689	54	0.0%	100.0%
690	43	0.0%	100.0%
691	44	0.0%	100.0%
692	45	0.0%	100.0%
693	42	0.0%	100.0%
694	48	0.0%	100.0%
695	47	0.0%	100.0%
696	33	0.0%	100.0%
697	28	0.0%	100.0%
698	34	0.0%	100.0%
699	44	0.0%	100.0%
700	26	0.0%	100.0%
701	35	0.0%	100.0%
702	32	0.0%	100.0%
703	35	0.0%	100.0%
704	33	0.0%	100.0%
705	18	0.0%	100.0%
706	34	0.0%	100.0%
707	45	0.0%	100.0%
708	33	0.0%	100.0%
709	34	0.0%	100.0%
710	30	0.0%	100.0%
711	36	0.0%	100.0%
712	37	0.0%	100.0%
713	31	0.0%	100.0%
714	29	0.0%	100.0%
715	32	0.0%	100.0%
716	32	0.0%	100.0%
717	29	0.0%	100.0%
718	18	0.0%	100.0%
719	29	0.0%	100.0%
720	40	0.0%	100.0%
721	23	0.0%	100.0%
722	32	0.0%	100.0%
723	31	0.0%	100.0%
724	24	0.0%	100.0%
725	28	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
726	37	0.0%	100.0%
727	20	0.0%	100.0%
728	17	0.0%	100.0%
729	23	0.0%	100.0%
730	30	0.0%	100.0%
731	27	0.0%	100.0%
732	32	0.0%	100.0%
733	16	0.0%	100.0%
734	26	0.0%	100.0%
735	23	0.0%	100.0%
736	28	0.0%	100.0%
737	15	0.0%	100.0%
738	22	0.0%	100.0%
739	22	0.0%	100.0%
740	21	0.0%	100.0%
741	20	0.0%	100.0%
742	22	0.0%	100.0%
743	29	0.0%	100.0%
744	27	0.0%	100.0%
745	25	0.0%	100.0%
746	24	0.0%	100.0%
747	19	0.0%	100.0%
748	31	0.0%	100.0%
749	19	0.0%	100.0%
750	24	0.0%	100.0%
751	23	0.0%	100.0%
752	25	0.0%	100.0%
753	22	0.0%	100.0%
754	19	0.0%	100.0%
755	17	0.0%	100.0%
756	18	0.0%	100.0%
757	20	0.0%	100.0%
758	22	0.0%	100.0%
759	23	0.0%	100.0%
760	23	0.0%	100.0%
761	20	0.0%	100.0%
762	18	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
763	13	0.0%	100.0%
764	18	0.0%	100.0%
765	15	0.0%	100.0%
766	18	0.0%	100.0%
767	16	0.0%	100.0%
768	29	0.0%	100.0%
769	13	0.0%	100.0%
770	31	0.0%	100.0%
771	11	0.0%	100.0%
772	21	0.0%	100.0%
773	18	0.0%	100.0%
774	20	0.0%	100.0%
775	16	0.0%	100.0%
776	23	0.0%	100.0%
777	16	0.0%	100.0%
778	17	0.0%	100.0%
779	18	0.0%	100.0%
780	14	0.0%	100.0%
781	14	0.0%	100.0%
782	10	0.0%	100.0%
783	13	0.0%	100.0%
784	20	0.0%	100.0%
785	18	0.0%	100.0%
786	15	0.0%	100.0%
787	14	0.0%	100.0%
788	18	0.0%	100.0%
789	22	0.0%	100.0%
790	20	0.0%	100.0%
791	18	0.0%	100.0%
792	19	0.0%	100.0%
793	15	0.0%	100.0%
794	15	0.0%	100.0%
795	11	0.0%	100.0%
796	10	0.0%	100.0%
797	14	0.0%	100.0%
798	13	0.0%	100.0%
799	20	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
800	15	0.0%	100.0%
801	10	0.0%	100.0%
802	7	0.0%	100.0%
803	12	0.0%	100.0%
804	12	0.0%	100.0%
805	18	0.0%	100.0%
806	15	0.0%	100.0%
807	13	0.0%	100.0%
808	17	0.0%	100.0%
809	13	0.0%	100.0%
810	20	0.0%	100.0%
811	11	0.0%	100.0%
812	11	0.0%	100.0%
813	15	0.0%	100.0%
814	14	0.0%	100.0%
815	6	0.0%	100.0%
816	16	0.0%	100.0%
817	16	0.0%	100.0%
818	10	0.0%	100.0%
819	15	0.0%	100.0%
820	13	0.0%	100.0%
821	11	0.0%	100.0%
822	14	0.0%	100.0%
823	11	0.0%	100.0%
824	16	0.0%	100.0%
825	9	0.0%	100.0%
826	9	0.0%	100.0%
827	12	0.0%	100.0%
828	22	0.0%	100.0%
829	20	0.0%	100.0%
830	11	0.0%	100.0%
831	15	0.0%	100.0%
832	16	0.0%	100.0%
833	23	0.0%	100.0%
834	7	0.0%	100.0%
835	13	0.0%	100.0%
836	19	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
837	12	0.0%	100.0%
838	10	0.0%	100.0%
839	7	0.0%	100.0%
840	9	0.0%	100.0%
841	12	0.0%	100.0%
842	18	0.0%	100.0%
843	17	0.0%	100.0%
844	17	0.0%	100.0%
845	15	0.0%	100.0%
846	15	0.0%	100.0%
847	13	0.0%	100.0%
848	7	0.0%	100.0%
849	10	0.0%	100.0%
850	10	0.0%	100.0%
851	12	0.0%	100.0%
852	13	0.0%	100.0%
853	20	0.0%	100.0%
854	16	0.0%	100.0%
855	16	0.0%	100.0%
856	15	0.0%	100.0%
857	10	0.0%	100.0%
858	9	0.0%	100.0%
859	9	0.0%	100.0%
860	5	0.0%	100.0%
861	14	0.0%	100.0%
862	4	0.0%	100.0%
863	12	0.0%	100.0%
864	10	0.0%	100.0%
865	14	0.0%	100.0%
866	8	0.0%	100.0%
867	7	0.0%	100.0%
868	10	0.0%	100.0%
869	11	0.0%	100.0%
870	12	0.0%	100.0%
871	9	0.0%	100.0%
872	8	0.0%	100.0%
873	9	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
874	13	0.0%	100.0%
875	15	0.0%	100.0%
876	6	0.0%	100.0%
877	10	0.0%	100.0%
878	9	0.0%	100.0%
879	10	0.0%	100.0%
880	12	0.0%	100.0%
881	8	0.0%	100.0%
882	14	0.0%	100.0%
883	6	0.0%	100.0%
884	10	0.0%	100.0%
885	7	0.0%	100.0%
886	12	0.0%	100.0%
887	8	0.0%	100.0%
888	10	0.0%	100.0%
889	3	0.0%	100.0%
890	8	0.0%	100.0%
891	9	0.0%	100.0%
892	7	0.0%	100.0%
893	6	0.0%	100.0%
894	7	0.0%	100.0%
895	13	0.0%	100.0%
896	9	0.0%	100.0%
897	16	0.0%	100.0%
898	4	0.0%	100.0%
899	9	0.0%	100.0%
900	14	0.0%	100.0%
901	10	0.0%	100.0%
902	5	0.0%	100.0%
903	5	0.0%	100.0%
904	3	0.0%	100.0%
905	2	0.0%	100.0%
906	8	0.0%	100.0%
907	9	0.0%	100.0%
908	5	0.0%	100.0%
909	8	0.0%	100.0%
910	5	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
911	8	0.0%	100.0%
912	6	0.0%	100.0%
913	6	0.0%	100.0%
914	6	0.0%	100.0%
915	8	0.0%	100.0%
916	1	0.0%	100.0%
917	7	0.0%	100.0%
918	8	0.0%	100.0%
919	9	0.0%	100.0%
920	4	0.0%	100.0%
921	8	0.0%	100.0%
922	6	0.0%	100.0%
923	11	0.0%	100.0%
924	5	0.0%	100.0%
925	4	0.0%	100.0%
926	4	0.0%	100.0%
927	3	0.0%	100.0%
928	8	0.0%	100.0%
929	6	0.0%	100.0%
930	9	0.0%	100.0%
931	4	0.0%	100.0%
932	2	0.0%	100.0%
933	4	0.0%	100.0%
934	6	0.0%	100.0%
935	4	0.0%	100.0%
936	5	0.0%	100.0%
937	7	0.0%	100.0%
938	3	0.0%	100.0%
939	11	0.0%	100.0%
940	5	0.0%	100.0%
941	8	0.0%	100.0%
942	5	0.0%	100.0%
943	9	0.0%	100.0%
944	7	0.0%	100.0%
945	6	0.0%	100.0%
946	2	0.0%	100.0%
947	4	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
948	2	0.0%	100.0%
949	7	0.0%	100.0%
950	6	0.0%	100.0%
951	3	0.0%	100.0%
952	5	0.0%	100.0%
953	2	0.0%	100.0%
954	5	0.0%	100.0%
955	5	0.0%	100.0%
956	2	0.0%	100.0%
957	5	0.0%	100.0%
958	4	0.0%	100.0%
959	3	0.0%	100.0%
960	2	0.0%	100.0%
961	4	0.0%	100.0%
962	3	0.0%	100.0%
963	3	0.0%	100.0%
964	2	0.0%	100.0%
965	1	0.0%	100.0%
966	4	0.0%	100.0%
967	6	0.0%	100.0%
968	4	0.0%	100.0%
969	2	0.0%	100.0%
970	3	0.0%	100.0%
971	2	0.0%	100.0%
972	5	0.0%	100.0%
973	3	0.0%	100.0%
974	4	0.0%	100.0%
975	5	0.0%	100.0%
976	5	0.0%	100.0%
977	2	0.0%	100.0%
978	4	0.0%	100.0%
979	2	0.0%	100.0%
980	3	0.0%	100.0%
981	3	0.0%	100.0%
982	3	0.0%	100.0%
983	1	0.0%	100.0%
984	4	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
985	3	0.0%	100.0%
986	2	0.0%	100.0%
987	3	0.0%	100.0%
988	3	0.0%	100.0%
989	1	0.0%	100.0%
990	2	0.0%	100.0%
991	3	0.0%	100.0%
992	6	0.0%	100.0%
993	2	0.0%	100.0%
994	6	0.0%	100.0%
995	1	0.0%	100.0%
996	2	0.0%	100.0%
997	4	0.0%	100.0%
998	8	0.0%	100.0%
999	1	0.0%	100.0%
1,001	3	0.0%	100.0%
1,002	1	0.0%	100.0%
1,003	3	0.0%	100.0%
1,004	2	0.0%	100.0%
1,005	4	0.0%	100.0%
1,006	4	0.0%	100.0%
1,007	1	0.0%	100.0%
1,008	2	0.0%	100.0%
1,009	5	0.0%	100.0%
1,010	2	0.0%	100.0%
1,011	2	0.0%	100.0%
1,012	1	0.0%	100.0%
1,013	4	0.0%	100.0%
1,014	2	0.0%	100.0%
1,015	2	0.0%	100.0%
1,016	1	0.0%	100.0%
1,017	1	0.0%	100.0%
1,018	4	0.0%	100.0%
1,019	1	0.0%	100.0%
1,020	1	0.0%	100.0%
1,021	4	0.0%	100.0%
1,022	2	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,023	2	0.0%	100.0%
1,024	2	0.0%	100.0%
1,025	3	0.0%	100.0%
1,026	1	0.0%	100.0%
1,027	2	0.0%	100.0%
1,028	2	0.0%	100.0%
1,029	1	0.0%	100.0%
1,030	1	0.0%	100.0%
1,031	1	0.0%	100.0%
1,032	2	0.0%	100.0%
1,034	2	0.0%	100.0%
1,035	2	0.0%	100.0%
1,036	4	0.0%	100.0%
1,037	1	0.0%	100.0%
1,038	4	0.0%	100.0%
1,039	7	0.0%	100.0%
1,040	2	0.0%	100.0%
1,042	3	0.0%	100.0%
1,043	2	0.0%	100.0%
1,044	3	0.0%	100.0%
1,045	3	0.0%	100.0%
1,047	5	0.0%	100.0%
1,048	4	0.0%	100.0%
1,049	2	0.0%	100.0%
1,051	1	0.0%	100.0%
1,052	1	0.0%	100.0%
1,054	4	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	1	0.0%	100.0%
1,062	2	0.0%	100.0%
1,063	2	0.0%	100.0%
1,064	2	0.0%	100.0%
1,065	5	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,066	1	0.0%	100.0%
1,067	2	0.0%	100.0%
1,068	1	0.0%	100.0%
1,069	6	0.0%	100.0%
1,070	1	0.0%	100.0%
1,071	1	0.0%	100.0%
1,072	1	0.0%	100.0%
1,073	1	0.0%	100.0%
1,074	3	0.0%	100.0%
1,075	4	0.0%	100.0%
1,076	2	0.0%	100.0%
1,077	1	0.0%	100.0%
1,078	2	0.0%	100.0%
1,079	1	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	1	0.0%	100.0%
1,084	3	0.0%	100.0%
1,086	2	0.0%	100.0%
1,088	1	0.0%	100.0%
1,089	1	0.0%	100.0%
1,090	1	0.0%	100.0%
1,091	3	0.0%	100.0%
1,092	2	0.0%	100.0%
1,093	1	0.0%	100.0%
1,096	1	0.0%	100.0%
1,098	2	0.0%	100.0%
1,100	2	0.0%	100.0%
1,101	3	0.0%	100.0%
1,102	3	0.0%	100.0%
1,103	1	0.0%	100.0%
1,104	1	0.0%	100.0%
1,105	1	0.0%	100.0%
1,106	1	0.0%	100.0%
1,109	1	0.0%	100.0%
1,110	3	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,112	1	0.0%	100.0%
1,113	1	0.0%	100.0%
1,115	1	0.0%	100.0%
1,117	1	0.0%	100.0%
1,119	2	0.0%	100.0%
1,121	1	0.0%	100.0%
1,122	3	0.0%	100.0%
1,123	3	0.0%	100.0%
1,124	2	0.0%	100.0%
1,126	1	0.0%	100.0%
1,127	1	0.0%	100.0%
1,128	2	0.0%	100.0%
1,132	1	0.0%	100.0%
1,133	2	0.0%	100.0%
1,134	1	0.0%	100.0%
1,135	1	0.0%	100.0%
1,137	1	0.0%	100.0%
1,138	1	0.0%	100.0%
1,139	3	0.0%	100.0%
1,141	1	0.0%	100.0%
1,142	1	0.0%	100.0%
1,144	1	0.0%	100.0%
1,145	1	0.0%	100.0%
1,147	2	0.0%	100.0%
1,148	2	0.0%	100.0%
1,149	1	0.0%	100.0%
1,151	1	0.0%	100.0%
1,152	2	0.0%	100.0%
1,153	1	0.0%	100.0%
1,154	2	0.0%	100.0%
1,156	1	0.0%	100.0%
1,157	2	0.0%	100.0%
1,158	1	0.0%	100.0%
1,159	1	0.0%	100.0%
1,160	1	0.0%	100.0%
1,162	2	0.0%	100.0%
1,163	2	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
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%
1,184	1	0.0%	100.0%
1,186	1	0.0%	100.0%
1,187	2	0.0%	100.0%
1,188	1	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%
1,199	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	2	0.0%	100.0%
1,212	1	0.0%	100.0%
1,214	1	0.0%	100.0%
1,215	2	0.0%	100.0%
1,219	1	0.0%	100.0%
1,222	5	0.0%	100.0%
1,223	1	0.0%	100.0%
1,226	1	0.0%	100.0%
1,227	2	0.0%	100.0%
1,230	2	0.0%	100.0%
1,234	2	0.0%	100.0%
1,235	2	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%

Length	Count	Percentage	Cummulative Percentage
1,258	1	0.0%	100.0%
1,264	1	0.0%	100.0%
1,267	1	0.0%	100.0%
1,269	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	3	0.0%	100.0%
1,281	1	0.0%	100.0%
1,282	1	0.0%	100.0%
1,283	2	0.0%	100.0%
1,285	1	0.0%	100.0%
1,287	1	0.0%	100.0%
1,291	2	0.0%	100.0%
1,305	1	0.0%	100.0%
1,309	1	0.0%	100.0%
1,319	1	0.0%	100.0%
1,320	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%
1,331	1	0.0%	100.0%
1,334	1	0.0%	100.0%
1,338	1	0.0%	100.0%
1,339	1	0.0%	100.0%
1,341	1	0.0%	100.0%
1,345	1	0.0%	100.0%
1,348	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%
1,360	1	0.0%	100.0%
1,361	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,362	1	0.0%	100.0%
1,368	2	0.0%	100.0%
1,370	1	0.0%	100.0%
1,386	1	0.0%	100.0%
1,395	1	0.0%	100.0%
1,396	1	0.0%	100.0%
1,401	1	0.0%	100.0%
1,405	1	0.0%	100.0%
1,421	1	0.0%	100.0%
1,433	1	0.0%	100.0%
1,438	1	0.0%	100.0%
1,440	2	0.0%	100.0%
1,443	1	0.0%	100.0%
1,453	1	0.0%	100.0%
1,461	1	0.0%	100.0%
1,462	1	0.0%	100.0%
1,468	1	0.0%	100.0%
1,474	1	0.0%	100.0%
1,485	1	0.0%	100.0%
1,486	1	0.0%	100.0%
1,506	1	0.0%	100.0%
1,521	1	0.0%	100.0%
1,523	2	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%
1,564	1	0.0%	100.0%
1,589	1	0.0%	100.0%
1,604	1	0.0%	100.0%
1,615	1	0.0%	100.0%
1,618	1	0.0%	100.0%
1,624	2	0.0%	100.0%
1,626	1	0.0%	100.0%
1,627	1	0.0%	100.0%
1,632	1	0.0%	100.0%
1,636	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,653	1	0.0%	100.0%
1,664	1	0.0%	100.0%
1,681	1	0.0%	100.0%
1,705	1	0.0%	100.0%
1,712	1	0.0%	100.0%
1,739	1	0.0%	100.0%
1,757	1	0.0%	100.0%
1,776	1	0.0%	100.0%
1,813	1	0.0%	100.0%
1,829	1	0.0%	100.0%
1,836	1	0.0%	100.0%
1,890	1	0.0%	100.0%
1,892	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%
2,029	1	0.0%	100.0%
2,032	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	146,019	0.1%	0.1%
26	162,573	0.1%	0.2%
27	154,466	0.1%	0.2%
28	199,717	0.1%	0.3%
29	237,355	0.1%	0.4%
30	286,544	0.1%	0.6%
31	478,232	0.2%	0.8%
32	637,693	0.3%	1.1%
33	828,428	0.4%	1.6%
34	2,417,239	1.2%	2.8%
35	1,063,385	0.5%	3.3%
36	162,335,051	80.9%	84.2%
37	42,757	0.0%	84.2%

Length	Count	Percentage	Cummulative Percentage
38	43,294	0.0%	84.3%
39	54,673	0.0%	84.3%
40	67,796	0.0%	84.3%
41	43,921	0.0%	84.3%
42	46,563	0.0%	84.4%
43	62,924	0.0%	84.4%
44	75,338	0.0%	84.4%
45	107,104	0.1%	84.5%
46	65,247	0.0%	84.5%
47	60,162	0.0%	84.5%
48	70,806	0.0%	84.6%
49	98,516	0.0%	84.6%
50	130,320	0.1%	84.7%
51	86,190	0.0%	84.7%
52	90,449	0.0%	84.8%
53	95,292	0.0%	84.8%
54	120,743	0.1%	84.9%
55	132,574	0.1%	85.0%
56	99,934	0.0%	85.0%
57	109,893	0.1%	85.1%
58	123,394	0.1%	85.1%
59	165,249	0.1%	85.2%
60	157,615	0.1%	85.3%
61	185,247	0.1%	85.4%
62	176,829	0.1%	85.5%
63	218,083	0.1%	85.6%
64	305,523	0.2%	85.7%
65	360,579	0.2%	85.9%
66	403,419	0.2%	86.1%
67	431,867	0.2%	86.3%
68	529,839	0.3%	86.6%
69	9,397,415	4.7%	91.3%
70	1,053,619	0.5%	91.8%
71	16,285,273	8.1%	99.9%
72	2	0.0%	99.9%
73	1	0.0%	99.9%
75	1	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
76	1	0.0%	99.9%
78	4	0.0%	99.9%
79	3	0.0%	99.9%
80	1	0.0%	99.9%
81	2	0.0%	99.9%
82	3	0.0%	99.9%
83	4	0.0%	99.9%
84	3	0.0%	99.9%
85	3	0.0%	99.9%
87	4	0.0%	99.9%
88	3	0.0%	99.9%
89	3	0.0%	99.9%
90	1	0.0%	99.9%
91	3	0.0%	99.9%
92	5	0.0%	99.9%
93	3	0.0%	99.9%
94	1	0.0%	99.9%
96	5	0.0%	99.9%
97	1	0.0%	99.9%
98	6	0.0%	99.9%
99	2	0.0%	99.9%
100	14	0.0%	99.9%
101	12	0.0%	99.9%
102	17	0.0%	99.9%
103	13	0.0%	99.9%
104	8	0.0%	99.9%
105	10	0.0%	99.9%
106	12	0.0%	99.9%
107	18	0.0%	99.9%
108	12	0.0%	99.9%
109	12	0.0%	99.9%
110	17	0.0%	99.9%
111	13	0.0%	99.9%
112	11	0.0%	99.9%
113	4	0.0%	99.9%
114	13	0.0%	99.9%
115	10	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
116	18	0.0%	99.9%
117	11	0.0%	99.9%
118	8	0.0%	99.9%
119	12	0.0%	99.9%
120	8	0.0%	99.9%
121	9	0.0%	99.9%
122	15	0.0%	99.9%
123	20	0.0%	99.9%
124	8	0.0%	99.9%
125	25	0.0%	99.9%
126	13	0.0%	99.9%
127	28	0.0%	99.9%
128	23	0.0%	99.9%
129	25	0.0%	99.9%
130	17	0.0%	99.9%
131	23	0.0%	99.9%
132	23	0.0%	99.9%
133	23	0.0%	99.9%
134	27	0.0%	99.9%
135	31	0.0%	99.9%
136	34	0.0%	99.9%
137	54	0.0%	99.9%
138	30	0.0%	99.9%
139	32	0.0%	99.9%
140	37	0.0%	99.9%
141	36	0.0%	99.9%
142	41	0.0%	99.9%
143	24	0.0%	99.9%
144	43	0.0%	99.9%
145	46	0.0%	99.9%
146	40	0.0%	99.9%
147	30	0.0%	99.9%
148	34	0.0%	99.9%
149	41	0.0%	99.9%
150	40	0.0%	99.9%
151	52	0.0%	99.9%
152	39	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
153	45	0.0%	99.9%
154	46	0.0%	99.9%
155	44	0.0%	99.9%
156	43	0.0%	99.9%
157	35	0.0%	99.9%
158	43	0.0%	99.9%
159	35	0.0%	99.9%
160	42	0.0%	99.9%
161	46	0.0%	99.9%
162	56	0.0%	99.9%
163	48	0.0%	99.9%
164	36	0.0%	99.9%
165	36	0.0%	99.9%
166	47	0.0%	99.9%
167	41	0.0%	99.9%
168	49	0.0%	99.9%
169	42	0.0%	99.9%
170	42	0.0%	99.9%
171	44	0.0%	99.9%
172	38	0.0%	99.9%
173	52	0.0%	99.9%
174	37	0.0%	99.9%
175	37	0.0%	99.9%
176	44	0.0%	99.9%
177	39	0.0%	99.9%
178	56	0.0%	99.9%
179	43	0.0%	99.9%
180	49	0.0%	99.9%
181	67	0.0%	99.9%
182	57	0.0%	99.9%
183	29	0.0%	99.9%
184	39	0.0%	99.9%
185	45	0.0%	99.9%
186	53	0.0%	99.9%
187	63	0.0%	99.9%
188	53	0.0%	99.9%
189	55	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
190	42	0.0%	99.9%
191	70	0.0%	99.9%
192	47	0.0%	99.9%
193	38	0.0%	99.9%
194	54	0.0%	99.9%
195	65	0.0%	99.9%
196	46	0.0%	99.9%
197	55	0.0%	99.9%
198	56	0.0%	99.9%
199	40	0.0%	99.9%
200	57	0.0%	99.9%
201	54	0.0%	99.9%
202	58	0.0%	99.9%
203	57	0.0%	99.9%
204	41	0.0%	99.9%
205	52	0.0%	99.9%
206	31	0.0%	99.9%
207	57	0.0%	99.9%
208	54	0.0%	99.9%
209	49	0.0%	99.9%
210	46	0.0%	99.9%
211	48	0.0%	99.9%
212	41	0.0%	99.9%
213	38	0.0%	99.9%
214	42	0.0%	99.9%
215	38	0.0%	99.9%
216	45	0.0%	99.9%
217	45	0.0%	99.9%
218	48	0.0%	99.9%
219	52	0.0%	99.9%
220	42	0.0%	99.9%
221	44	0.0%	99.9%
222	44	0.0%	99.9%
223	60	0.0%	99.9%
224	32	0.0%	99.9%
225	57	0.0%	99.9%
226	43	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
227	49	0.0%	99.9%
228	46	0.0%	99.9%
229	41	0.0%	99.9%
230	35	0.0%	99.9%
231	51	0.0%	99.9%
232	44	0.0%	99.9%
233	45	0.0%	99.9%
234	35	0.0%	99.9%
235	35	0.0%	99.9%
236	60	0.0%	99.9%
237	40	0.0%	99.9%
238	53	0.0%	99.9%
239	48	0.0%	99.9%
240	39	0.0%	99.9%
241	37	0.0%	99.9%
242	52	0.0%	99.9%
243	50	0.0%	99.9%
244	41	0.0%	99.9%
245	58	0.0%	99.9%
246	43	0.0%	99.9%
247	43	0.0%	99.9%
248	40	0.0%	99.9%
249	44	0.0%	99.9%
250	43	0.0%	99.9%
251	40	0.0%	99.9%
252	46	0.0%	99.9%
253	50	0.0%	99.9%
254	31	0.0%	99.9%
255	42	0.0%	99.9%
256	51	0.0%	99.9%
257	32	0.0%	99.9%
258	38	0.0%	99.9%
259	33	0.0%	99.9%
260	38	0.0%	99.9%
261	44	0.0%	99.9%
262	39	0.0%	99.9%
263	51	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
264	31	0.0%	99.9%
265	34	0.0%	99.9%
266	50	0.0%	99.9%
267	42	0.0%	99.9%
268	37	0.0%	99.9%
269	47	0.0%	99.9%
270	49	0.0%	99.9%
271	40	0.0%	99.9%
272	41	0.0%	99.9%
273	33	0.0%	99.9%
274	49	0.0%	99.9%
275	33	0.0%	99.9%
276	38	0.0%	99.9%
277	37	0.0%	99.9%
278	45	0.0%	99.9%
279	43	0.0%	99.9%
280	53	0.0%	99.9%
281	53	0.0%	99.9%
282	38	0.0%	99.9%
283	49	0.0%	99.9%
284	55	0.0%	99.9%
285	52	0.0%	99.9%
286	43	0.0%	99.9%
287	50	0.0%	99.9%
288	28	0.0%	99.9%
289	50	0.0%	99.9%
290	43	0.0%	99.9%
291	34	0.0%	99.9%
292	53	0.0%	99.9%
293	30	0.0%	99.9%
294	52	0.0%	99.9%
295	44	0.0%	99.9%
296	59	0.0%	99.9%
297	41	0.0%	99.9%
298	60	0.0%	99.9%
299	55	0.0%	99.9%
300	57	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
301	35	0.0%	99.9%
302	54	0.0%	99.9%
303	30	0.0%	99.9%
304	36	0.0%	99.9%
305	49	0.0%	99.9%
306	52	0.0%	99.9%
307	47	0.0%	99.9%
308	57	0.0%	99.9%
309	50	0.0%	99.9%
310	54	0.0%	99.9%
311	45	0.0%	99.9%
312	64	0.0%	99.9%
313	49	0.0%	99.9%
314	50	0.0%	99.9%
315	67	0.0%	99.9%
316	60	0.0%	99.9%
317	45	0.0%	99.9%
318	63	0.0%	99.9%
319	47	0.0%	99.9%
320	69	0.0%	99.9%
321	59	0.0%	99.9%
322	74	0.0%	99.9%
323	64	0.0%	99.9%
324	65	0.0%	99.9%
325	82	0.0%	99.9%
326	73	0.0%	99.9%
327	88	0.0%	99.9%
328	73	0.0%	99.9%
329	88	0.0%	99.9%
330	112	0.0%	99.9%
331	76	0.0%	99.9%
332	82	0.0%	99.9%
333	102	0.0%	99.9%
334	96	0.0%	99.9%
335	95	0.0%	99.9%
336	82	0.0%	99.9%
337	123	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
338	115	0.0%	99.9%
339	115	0.0%	99.9%
340	121	0.0%	99.9%
341	119	0.0%	99.9%
342	113	0.0%	99.9%
343	136	0.0%	99.9%
344	145	0.0%	99.9%
345	135	0.0%	99.9%
346	117	0.0%	99.9%
347	115	0.0%	99.9%
348	131	0.0%	99.9%
349	142	0.0%	99.9%
350	139	0.0%	99.9%
351	161	0.0%	99.9%
352	152	0.0%	99.9%
353	138	0.0%	99.9%
354	150	0.0%	99.9%
355	151	0.0%	99.9%
356	156	0.0%	99.9%
357	179	0.0%	99.9%
358	171	0.0%	99.9%
359	171	0.0%	99.9%
360	160	0.0%	99.9%
361	145	0.0%	99.9%
362	151	0.0%	99.9%
363	152	0.0%	99.9%
364	160	0.0%	99.9%
365	174	0.0%	99.9%
366	204	0.0%	99.9%
367	210	0.0%	99.9%
368	196	0.0%	99.9%
369	208	0.0%	99.9%
370	180	0.0%	99.9%
371	184	0.0%	99.9%
372	172	0.0%	99.9%
373	194	0.0%	99.9%
374	184	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
375	209	0.0%	99.9%
376	232	0.0%	99.9%
377	229	0.0%	99.9%
378	227	0.0%	99.9%
379	214	0.0%	99.9%
380	206	0.0%	99.9%
381	215	0.0%	99.9%
382	225	0.0%	99.9%
383	240	0.0%	99.9%
384	217	0.0%	99.9%
385	210	0.0%	99.9%
386	226	0.0%	99.9%
387	224	0.0%	99.9%
388	225	0.0%	99.9%
389	250	0.0%	99.9%
390	192	0.0%	99.9%
391	230	0.0%	99.9%
392	223	0.0%	99.9%
393	216	0.0%	99.9%
394	260	0.0%	99.9%
395	233	0.0%	99.9%
396	234	0.0%	99.9%
397	235	0.0%	99.9%
398	254	0.0%	99.9%
399	234	0.0%	99.9%
400	242	0.0%	99.9%
401	256	0.0%	99.9%
402	256	0.0%	99.9%
403	257	0.0%	99.9%
404	260	0.0%	99.9%
405	238	0.0%	99.9%
406	248	0.0%	99.9%
407	260	0.0%	99.9%
408	285	0.0%	99.9%
409	226	0.0%	99.9%
410	229	0.0%	99.9%
411	247	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
412	216	0.0%	99.9%
413	266	0.0%	99.9%
414	240	0.0%	99.9%
415	226	0.0%	99.9%
416	265	0.0%	99.9%
417	229	0.0%	99.9%
418	244	0.0%	99.9%
419	273	0.0%	99.9%
420	258	0.0%	99.9%
421	280	0.0%	99.9%
422	252	0.0%	99.9%
423	261	0.0%	99.9%
424	235	0.0%	99.9%
425	285	0.0%	99.9%
426	265	0.0%	99.9%
427	279	0.0%	99.9%
428	260	0.0%	99.9%
429	263	0.0%	99.9%
430	281	0.0%	99.9%
431	263	0.0%	99.9%
432	278	0.0%	99.9%
433	274	0.0%	99.9%
434	257	0.0%	99.9%
435	281	0.0%	99.9%
436	271	0.0%	99.9%
437	274	0.0%	99.9%
438	286	0.0%	99.9%
439	279	0.0%	99.9%
440	299	0.0%	99.9%
441	289	0.0%	99.9%
442	279	0.0%	99.9%
443	269	0.0%	99.9%
444	296	0.0%	99.9%
445	260	0.0%	99.9%
446	293	0.0%	99.9%
447	266	0.0%	99.9%
448	291	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
449	313	0.0%	99.9%
450	288	0.0%	99.9%
451	281	0.0%	99.9%
452	293	0.0%	99.9%
453	271	0.0%	99.9%
454	315	0.0%	99.9%
455	310	0.0%	99.9%
456	329	0.0%	99.9%
457	286	0.0%	99.9%
458	278	0.0%	99.9%
459	320	0.0%	99.9%
460	313	0.0%	99.9%
461	278	0.0%	99.9%
462	309	0.0%	99.9%
463	325	0.0%	99.9%
464	306	0.0%	99.9%
465	329	0.0%	99.9%
466	318	0.0%	99.9%
467	354	0.0%	99.9%
468	326	0.0%	99.9%
469	334	0.0%	99.9%
470	329	0.0%	99.9%
471	343	0.0%	99.9%
472	328	0.0%	99.9%
473	337	0.0%	99.9%
474	350	0.0%	99.9%
475	347	0.0%	99.9%
476	353	0.0%	99.9%
477	367	0.0%	99.9%
478	391	0.0%	99.9%
479	369	0.0%	99.9%
480	374	0.0%	99.9%
481	416	0.0%	99.9%
482	389	0.0%	99.9%
483	416	0.0%	99.9%
484	456	0.0%	99.9%
485	417	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
486	489	0.0%	99.9%
487	426	0.0%	99.9%
488	457	0.0%	99.9%
489	493	0.0%	99.9%
490	485	0.0%	99.9%
491	496	0.0%	99.9%
492	524	0.0%	99.9%
493	539	0.0%	99.9%
494	527	0.0%	99.9%
495	567	0.0%	99.9%
496	545	0.0%	99.9%
497	634	0.0%	99.9%
498	636	0.0%	99.9%
499	645	0.0%	99.9%
500	684	0.0%	99.9%
501	662	0.0%	99.9%
502	649	0.0%	99.9%
503	786	0.0%	99.9%
504	735	0.0%	99.9%
505	744	0.0%	99.9%
506	806	0.0%	99.9%
507	785	0.0%	99.9%
508	840	0.0%	99.9%
509	884	0.0%	99.9%
510	863	0.0%	99.9%
511	928	0.0%	99.9%
512	969	0.0%	99.9%
513	945	0.0%	99.9%
514	927	0.0%	99.9%
515	967	0.0%	99.9%
516	1,038	0.0%	99.9%
517	1,021	0.0%	99.9%
518	1,092	0.0%	99.9%
519	1,143	0.0%	99.9%
520	1,126	0.0%	99.9%
521	1,155	0.0%	99.9%
522	1,170	0.0%	99.9%

Length	Count	Percentage	Cummulative Percentage
523	1,229	0.0%	99.9%
524	1,270	0.0%	99.9%
525	1,210	0.0%	99.9%
526	1,255	0.0%	99.9%
527	1,296	0.0%	99.9%
528	1,272	0.0%	99.9%
529	1,277	0.0%	100.0%
530	1,365	0.0%	100.0%
531	1,357	0.0%	100.0%
532	1,366	0.0%	100.0%
533	1,391	0.0%	100.0%
534	1,405	0.0%	100.0%
535	1,402	0.0%	100.0%
536	1,423	0.0%	100.0%
537	1,378	0.0%	100.0%
538	1,480	0.0%	100.0%
539	1,439	0.0%	100.0%
540	1,390	0.0%	100.0%
541	1,419	0.0%	100.0%
542	1,448	0.0%	100.0%
543	1,441	0.0%	100.0%
544	1,348	0.0%	100.0%
545	1,369	0.0%	100.0%
546	1,388	0.0%	100.0%
547	1,398	0.0%	100.0%
548	1,363	0.0%	100.0%
549	1,361	0.0%	100.0%
550	1,341	0.0%	100.0%
551	1,339	0.0%	100.0%
552	1,357	0.0%	100.0%
553	1,398	0.0%	100.0%
554	1,361	0.0%	100.0%
555	1,360	0.0%	100.0%
556	1,310	0.0%	100.0%
557	1,237	0.0%	100.0%
558	1,285	0.0%	100.0%
559	1,256	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
560	1,199	0.0%	100.0%
561	1,110	0.0%	100.0%
562	1,145	0.0%	100.0%
563	1,118	0.0%	100.0%
564	992	0.0%	100.0%
565	1,043	0.0%	100.0%
566	1,057	0.0%	100.0%
567	991	0.0%	100.0%
568	950	0.0%	100.0%
569	903	0.0%	100.0%
570	948	0.0%	100.0%
571	872	0.0%	100.0%
572	861	0.0%	100.0%
573	902	0.0%	100.0%
574	823	0.0%	100.0%
575	785	0.0%	100.0%
576	767	0.0%	100.0%
577	714	0.0%	100.0%
578	759	0.0%	100.0%
579	703	0.0%	100.0%
580	691	0.0%	100.0%
581	672	0.0%	100.0%
582	680	0.0%	100.0%
583	627	0.0%	100.0%
584	650	0.0%	100.0%
585	641	0.0%	100.0%
586	580	0.0%	100.0%
587	588	0.0%	100.0%
588	581	0.0%	100.0%
589	561	0.0%	100.0%
590	504	0.0%	100.0%
591	507	0.0%	100.0%
592	479	0.0%	100.0%
593	491	0.0%	100.0%
594	487	0.0%	100.0%
595	445	0.0%	100.0%
596	450	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
597	439	0.0%	100.0%
598	380	0.0%	100.0%
599	411	0.0%	100.0%
600	397	0.0%	100.0%
601	353	0.0%	100.0%
602	353	0.0%	100.0%
603	357	0.0%	100.0%
604	322	0.0%	100.0%
605	337	0.0%	100.0%
606	323	0.0%	100.0%
607	304	0.0%	100.0%
608	315	0.0%	100.0%
609	315	0.0%	100.0%
610	287	0.0%	100.0%
611	238	0.0%	100.0%
612	304	0.0%	100.0%
613	266	0.0%	100.0%
614	244	0.0%	100.0%
615	283	0.0%	100.0%
616	246	0.0%	100.0%
617	243	0.0%	100.0%
618	245	0.0%	100.0%
619	246	0.0%	100.0%
620	189	0.0%	100.0%
621	186	0.0%	100.0%
622	206	0.0%	100.0%
623	230	0.0%	100.0%
624	214	0.0%	100.0%
625	214	0.0%	100.0%
626	217	0.0%	100.0%
627	219	0.0%	100.0%
628	229	0.0%	100.0%
629	201	0.0%	100.0%
630	186	0.0%	100.0%
631	169	0.0%	100.0%
632	191	0.0%	100.0%
633	161	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
634	192	0.0%	100.0%
635	190	0.0%	100.0%
636	160	0.0%	100.0%
637	166	0.0%	100.0%
638	166	0.0%	100.0%
639	168	0.0%	100.0%
640	162	0.0%	100.0%
641	166	0.0%	100.0%
642	153	0.0%	100.0%
643	147	0.0%	100.0%
644	151	0.0%	100.0%
645	165	0.0%	100.0%
646	140	0.0%	100.0%
647	160	0.0%	100.0%
648	116	0.0%	100.0%
649	139	0.0%	100.0%
650	149	0.0%	100.0%
651	118	0.0%	100.0%
652	128	0.0%	100.0%
653	129	0.0%	100.0%
654	138	0.0%	100.0%
655	110	0.0%	100.0%
656	117	0.0%	100.0%
657	109	0.0%	100.0%
658	143	0.0%	100.0%
659	129	0.0%	100.0%
660	120	0.0%	100.0%
661	103	0.0%	100.0%
662	130	0.0%	100.0%
663	109	0.0%	100.0%
664	108	0.0%	100.0%
665	113	0.0%	100.0%
666	117	0.0%	100.0%
667	102	0.0%	100.0%
668	109	0.0%	100.0%
669	104	0.0%	100.0%
670	103	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
671	100	0.0%	100.0%
672	92	0.0%	100.0%
673	90	0.0%	100.0%
674	117	0.0%	100.0%
675	97	0.0%	100.0%
676	108	0.0%	100.0%
677	97	0.0%	100.0%
678	92	0.0%	100.0%
679	95	0.0%	100.0%
680	98	0.0%	100.0%
681	83	0.0%	100.0%
682	88	0.0%	100.0%
683	89	0.0%	100.0%
684	92	0.0%	100.0%
685	98	0.0%	100.0%
686	95	0.0%	100.0%
687	88	0.0%	100.0%
688	88	0.0%	100.0%
689	82	0.0%	100.0%
690	75	0.0%	100.0%
691	78	0.0%	100.0%
692	72	0.0%	100.0%
693	94	0.0%	100.0%
694	76	0.0%	100.0%
695	71	0.0%	100.0%
696	65	0.0%	100.0%
697	66	0.0%	100.0%
698	79	0.0%	100.0%
699	60	0.0%	100.0%
700	75	0.0%	100.0%
701	67	0.0%	100.0%
702	70	0.0%	100.0%
703	70	0.0%	100.0%
704	66	0.0%	100.0%
705	58	0.0%	100.0%
706	74	0.0%	100.0%
707	63	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
708	71	0.0%	100.0%
709	60	0.0%	100.0%
710	64	0.0%	100.0%
711	78	0.0%	100.0%
712	52	0.0%	100.0%
713	64	0.0%	100.0%
714	78	0.0%	100.0%
715	54	0.0%	100.0%
716	75	0.0%	100.0%
717	56	0.0%	100.0%
718	62	0.0%	100.0%
719	74	0.0%	100.0%
720	70	0.0%	100.0%
721	53	0.0%	100.0%
722	75	0.0%	100.0%
723	52	0.0%	100.0%
724	58	0.0%	100.0%
725	51	0.0%	100.0%
726	65	0.0%	100.0%
727	59	0.0%	100.0%
728	56	0.0%	100.0%
729	60	0.0%	100.0%
730	61	0.0%	100.0%
731	63	0.0%	100.0%
732	47	0.0%	100.0%
733	42	0.0%	100.0%
734	61	0.0%	100.0%
735	62	0.0%	100.0%
736	66	0.0%	100.0%
737	53	0.0%	100.0%
738	49	0.0%	100.0%
739	42	0.0%	100.0%
740	48	0.0%	100.0%
741	46	0.0%	100.0%
742	65	0.0%	100.0%
743	51	0.0%	100.0%
744	52	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
745	60	0.0%	100.0%
746	39	0.0%	100.0%
747	46	0.0%	100.0%
748	46	0.0%	100.0%
749	43	0.0%	100.0%
750	52	0.0%	100.0%
751	59	0.0%	100.0%
752	57	0.0%	100.0%
753	38	0.0%	100.0%
754	52	0.0%	100.0%
755	50	0.0%	100.0%
756	41	0.0%	100.0%
757	57	0.0%	100.0%
758	46	0.0%	100.0%
759	34	0.0%	100.0%
760	50	0.0%	100.0%
761	44	0.0%	100.0%
762	48	0.0%	100.0%
763	43	0.0%	100.0%
764	46	0.0%	100.0%
765	48	0.0%	100.0%
766	59	0.0%	100.0%
767	47	0.0%	100.0%
768	42	0.0%	100.0%
769	50	0.0%	100.0%
770	48	0.0%	100.0%
771	40	0.0%	100.0%
772	47	0.0%	100.0%
773	39	0.0%	100.0%
774	45	0.0%	100.0%
775	45	0.0%	100.0%
776	43	0.0%	100.0%
777	26	0.0%	100.0%
778	32	0.0%	100.0%
779	38	0.0%	100.0%
780	49	0.0%	100.0%
781	36	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
782	24	0.0%	100.0%
783	49	0.0%	100.0%
784	43	0.0%	100.0%
785	41	0.0%	100.0%
786	47	0.0%	100.0%
787	44	0.0%	100.0%
788	47	0.0%	100.0%
789	42	0.0%	100.0%
790	42	0.0%	100.0%
791	35	0.0%	100.0%
792	36	0.0%	100.0%
793	34	0.0%	100.0%
794	34	0.0%	100.0%
795	48	0.0%	100.0%
796	36	0.0%	100.0%
797	46	0.0%	100.0%
798	42	0.0%	100.0%
799	40	0.0%	100.0%
800	50	0.0%	100.0%
801	44	0.0%	100.0%
802	57	0.0%	100.0%
803	52	0.0%	100.0%
804	43	0.0%	100.0%
805	31	0.0%	100.0%
806	29	0.0%	100.0%
807	37	0.0%	100.0%
808	42	0.0%	100.0%
809	27	0.0%	100.0%
810	41	0.0%	100.0%
811	28	0.0%	100.0%
812	37	0.0%	100.0%
813	34	0.0%	100.0%
814	42	0.0%	100.0%
815	49	0.0%	100.0%
816	33	0.0%	100.0%
817	38	0.0%	100.0%
818	36	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
819	37	0.0%	100.0%
820	37	0.0%	100.0%
821	29	0.0%	100.0%
822	47	0.0%	100.0%
823	35	0.0%	100.0%
824	46	0.0%	100.0%
825	27	0.0%	100.0%
826	43	0.0%	100.0%
827	31	0.0%	100.0%
828	38	0.0%	100.0%
829	41	0.0%	100.0%
830	38	0.0%	100.0%
831	41	0.0%	100.0%
832	33	0.0%	100.0%
833	35	0.0%	100.0%
834	33	0.0%	100.0%
835	29	0.0%	100.0%
836	35	0.0%	100.0%
837	44	0.0%	100.0%
838	32	0.0%	100.0%
839	42	0.0%	100.0%
840	37	0.0%	100.0%
841	37	0.0%	100.0%
842	42	0.0%	100.0%
843	39	0.0%	100.0%
844	28	0.0%	100.0%
845	38	0.0%	100.0%
846	33	0.0%	100.0%
847	32	0.0%	100.0%
848	36	0.0%	100.0%
849	42	0.0%	100.0%
850	39	0.0%	100.0%
851	34	0.0%	100.0%
852	34	0.0%	100.0%
853	44	0.0%	100.0%
854	40	0.0%	100.0%
855	44	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
856	43	0.0%	100.0%
857	48	0.0%	100.0%
858	39	0.0%	100.0%
859	39	0.0%	100.0%
860	47	0.0%	100.0%
861	40	0.0%	100.0%
862	31	0.0%	100.0%
863	23	0.0%	100.0%
864	37	0.0%	100.0%
865	35	0.0%	100.0%
866	29	0.0%	100.0%
867	31	0.0%	100.0%
868	30	0.0%	100.0%
869	34	0.0%	100.0%
870	37	0.0%	100.0%
871	34	0.0%	100.0%
872	30	0.0%	100.0%
873	29	0.0%	100.0%
874	30	0.0%	100.0%
875	29	0.0%	100.0%
876	33	0.0%	100.0%
877	22	0.0%	100.0%
878	29	0.0%	100.0%
879	34	0.0%	100.0%
880	31	0.0%	100.0%
881	32	0.0%	100.0%
882	33	0.0%	100.0%
883	32	0.0%	100.0%
884	28	0.0%	100.0%
885	33	0.0%	100.0%
886	24	0.0%	100.0%
887	30	0.0%	100.0%
888	42	0.0%	100.0%
889	33	0.0%	100.0%
890	35	0.0%	100.0%
891	25	0.0%	100.0%
892	28	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
893	20	0.0%	100.0%
894	31	0.0%	100.0%
895	27	0.0%	100.0%
896	21	0.0%	100.0%
897	22	0.0%	100.0%
898	17	0.0%	100.0%
899	30	0.0%	100.0%
900	23	0.0%	100.0%
901	28	0.0%	100.0%
902	24	0.0%	100.0%
903	29	0.0%	100.0%
904	30	0.0%	100.0%
905	28	0.0%	100.0%
906	23	0.0%	100.0%
907	19	0.0%	100.0%
908	21	0.0%	100.0%
909	19	0.0%	100.0%
910	22	0.0%	100.0%
911	23	0.0%	100.0%
912	26	0.0%	100.0%
913	30	0.0%	100.0%
914	23	0.0%	100.0%
915	24	0.0%	100.0%
916	29	0.0%	100.0%
917	25	0.0%	100.0%
918	21	0.0%	100.0%
919	18	0.0%	100.0%
920	14	0.0%	100.0%
921	20	0.0%	100.0%
922	28	0.0%	100.0%
923	20	0.0%	100.0%
924	21	0.0%	100.0%
925	17	0.0%	100.0%
926	27	0.0%	100.0%
927	31	0.0%	100.0%
928	24	0.0%	100.0%
929	17	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
930	25	0.0%	100.0%
931	21	0.0%	100.0%
932	21	0.0%	100.0%
933	13	0.0%	100.0%
934	16	0.0%	100.0%
935	25	0.0%	100.0%
936	17	0.0%	100.0%
937	25	0.0%	100.0%
938	12	0.0%	100.0%
939	15	0.0%	100.0%
940	24	0.0%	100.0%
941	21	0.0%	100.0%
942	16	0.0%	100.0%
943	30	0.0%	100.0%
944	20	0.0%	100.0%
945	25	0.0%	100.0%
946	19	0.0%	100.0%
947	20	0.0%	100.0%
948	17	0.0%	100.0%
949	20	0.0%	100.0%
950	21	0.0%	100.0%
951	25	0.0%	100.0%
952	13	0.0%	100.0%
953	20	0.0%	100.0%
954	19	0.0%	100.0%
955	28	0.0%	100.0%
956	19	0.0%	100.0%
957	15	0.0%	100.0%
958	24	0.0%	100.0%
959	17	0.0%	100.0%
960	18	0.0%	100.0%
961	19	0.0%	100.0%
962	15	0.0%	100.0%
963	18	0.0%	100.0%
964	8	0.0%	100.0%
965	11	0.0%	100.0%
966	21	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
967	14	0.0%	100.0%
968	18	0.0%	100.0%
969	17	0.0%	100.0%
970	18	0.0%	100.0%
971	16	0.0%	100.0%
972	17	0.0%	100.0%
973	19	0.0%	100.0%
974	13	0.0%	100.0%
975	13	0.0%	100.0%
976	20	0.0%	100.0%
977	16	0.0%	100.0%
978	17	0.0%	100.0%
979	12	0.0%	100.0%
980	15	0.0%	100.0%
981	11	0.0%	100.0%
982	12	0.0%	100.0%
983	17	0.0%	100.0%
984	10	0.0%	100.0%
985	7	0.0%	100.0%
986	14	0.0%	100.0%
987	12	0.0%	100.0%
988	19	0.0%	100.0%
989	18	0.0%	100.0%
990	17	0.0%	100.0%
991	23	0.0%	100.0%
992	12	0.0%	100.0%
993	7	0.0%	100.0%
994	11	0.0%	100.0%
995	9	0.0%	100.0%
996	9	0.0%	100.0%
997	10	0.0%	100.0%
998	9	0.0%	100.0%
999	8	0.0%	100.0%
1,000	15	0.0%	100.0%
1,001	12	0.0%	100.0%
1,002	12	0.0%	100.0%
1,003	14	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,004	8	0.0%	100.0%
1,005	9	0.0%	100.0%
1,006	11	0.0%	100.0%
1,007	8	0.0%	100.0%
1,008	9	0.0%	100.0%
1,009	10	0.0%	100.0%
1,010	13	0.0%	100.0%
1,011	17	0.0%	100.0%
1,012	10	0.0%	100.0%
1,013	4	0.0%	100.0%
1,014	14	0.0%	100.0%
1,015	8	0.0%	100.0%
1,016	13	0.0%	100.0%
1,017	11	0.0%	100.0%
1,018	8	0.0%	100.0%
1,019	12	0.0%	100.0%
1,020	9	0.0%	100.0%
1,021	7	0.0%	100.0%
1,022	7	0.0%	100.0%
1,023	7	0.0%	100.0%
1,024	10	0.0%	100.0%
1,025	11	0.0%	100.0%
1,026	9	0.0%	100.0%
1,027	9	0.0%	100.0%
1,028	13	0.0%	100.0%
1,029	12	0.0%	100.0%
1,030	10	0.0%	100.0%
1,031	10	0.0%	100.0%
1,032	6	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	12	0.0%	100.0%
1,037	6	0.0%	100.0%
1,038	6	0.0%	100.0%
1,039	10	0.0%	100.0%
1,040	6	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,041	7	0.0%	100.0%
1,042	12	0.0%	100.0%
1,043	12	0.0%	100.0%
1,044	11	0.0%	100.0%
1,045	7	0.0%	100.0%
1,046	11	0.0%	100.0%
1,047	7	0.0%	100.0%
1,048	8	0.0%	100.0%
1,049	6	0.0%	100.0%
1,050	5	0.0%	100.0%
1,051	7	0.0%	100.0%
1,052	11	0.0%	100.0%
1,053	10	0.0%	100.0%
1,054	5	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	13	0.0%	100.0%
1,062	7	0.0%	100.0%
1,063	3	0.0%	100.0%
1,064	8	0.0%	100.0%
1,065	13	0.0%	100.0%
1,066	10	0.0%	100.0%
1,067	9	0.0%	100.0%
1,068	10	0.0%	100.0%
1,069	6	0.0%	100.0%
1,070	8	0.0%	100.0%
1,071	10	0.0%	100.0%
1,072	5	0.0%	100.0%
1,073	9	0.0%	100.0%
1,074	12	0.0%	100.0%
1,075	13	0.0%	100.0%
1,076	7	0.0%	100.0%
1,077	11	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,078	8	0.0%	100.0%
1,079	3	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	9	0.0%	100.0%
1,084	1	0.0%	100.0%
1,085	5	0.0%	100.0%
1,086	8	0.0%	100.0%
1,087	7	0.0%	100.0%
1,088	13	0.0%	100.0%
1,089	9	0.0%	100.0%
1,090	5	0.0%	100.0%
1,091	7	0.0%	100.0%
1,092	5	0.0%	100.0%
1,093	13	0.0%	100.0%
1,094	3	0.0%	100.0%
1,095	3	0.0%	100.0%
1,096	7	0.0%	100.0%
1,097	10	0.0%	100.0%
1,098	8	0.0%	100.0%
1,099	4	0.0%	100.0%
1,100	3	0.0%	100.0%
1,101	3	0.0%	100.0%
1,102	8	0.0%	100.0%
1,103	7	0.0%	100.0%
1,104	8	0.0%	100.0%
1,105	10	0.0%	100.0%
1,106	4	0.0%	100.0%
1,107	7	0.0%	100.0%
1,108	8	0.0%	100.0%
1,109	5	0.0%	100.0%
1,110	7	0.0%	100.0%
1,111	7	0.0%	100.0%
1,112	7	0.0%	100.0%
1,113	6	0.0%	100.0%
1,114	4	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,115	6	0.0%	100.0%
1,116	4	0.0%	100.0%
1,117	5	0.0%	100.0%
1,118	9	0.0%	100.0%
1,119	5	0.0%	100.0%
1,120	4	0.0%	100.0%
1,121	5	0.0%	100.0%
1,122	9	0.0%	100.0%
1,123	3	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	6	0.0%	100.0%
1,128	4	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%
1,132	5	0.0%	100.0%
1,133	9	0.0%	100.0%
1,134	7	0.0%	100.0%
1,135	7	0.0%	100.0%
1,136	3	0.0%	100.0%
1,137	4	0.0%	100.0%
1,138	5	0.0%	100.0%
1,139	5	0.0%	100.0%
1,140	5	0.0%	100.0%
1,141	8	0.0%	100.0%
1,142	3	0.0%	100.0%
1,143	4	0.0%	100.0%
1,144	2	0.0%	100.0%
1,145	5	0.0%	100.0%
1,146	2	0.0%	100.0%
1,147	5	0.0%	100.0%
1,149	5	0.0%	100.0%
1,150	3	0.0%	100.0%
1,151	10	0.0%	100.0%
1,152	6	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,153	6	0.0%	100.0%
1,154	5	0.0%	100.0%
1,155	4	0.0%	100.0%
1,156	2	0.0%	100.0%
1,157	1	0.0%	100.0%
1,158	4	0.0%	100.0%
1,159	6	0.0%	100.0%
1,160	6	0.0%	100.0%
1,161	6	0.0%	100.0%
1,162	2	0.0%	100.0%
1,163	4	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	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	10	0.0%	100.0%
1,185	7	0.0%	100.0%
1,186	2	0.0%	100.0%
1,187	3	0.0%	100.0%
1,188	5	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%

Length	Count	Percentage	Cummulative Percentage
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	5	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	8	0.0%	100.0%
1,210	6	0.0%	100.0%
1,211	3	0.0%	100.0%
1,212	5	0.0%	100.0%
1,213	1	0.0%	100.0%
1,214	2	0.0%	100.0%
1,215	5	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	2	0.0%	100.0%
1,220	1	0.0%	100.0%
1,222	2	0.0%	100.0%
1,223	4	0.0%	100.0%
1,224	2	0.0%	100.0%
1,225	5	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%

Length	Count	Percentage	Cummulative Percentage
1,230	3	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	1	0.0%	100.0%
1,236	1	0.0%	100.0%
1,237	7	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	3	0.0%	100.0%
1,258	1	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	3	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	8	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
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	2	0.0%	100.0%
1,281	3	0.0%	100.0%
1,282	3	0.0%	100.0%
1,283	4	0.0%	100.0%
1,284	3	0.0%	100.0%
1,285	1	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	2	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	2	0.0%	100.0%
1,306	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
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	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	4	0.0%	100.0%
1,320	3	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	1	0.0%	100.0%
1,332	2	0.0%	100.0%
1,333	3	0.0%	100.0%
1,334	2	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	3	0.0%	100.0%
1,341	2	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%
1,346	2	0.0%	100.0%
1,347	1	0.0%	100.0%
1,348	2	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
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%
1,359	1	0.0%	100.0%
1,360	4	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	3	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	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%

Length	Count	Percentage	Cummulative Percentage
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%
1,402	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	2	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	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	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	3	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
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	4	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	2	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	3	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%
1,475	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	3	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
1,486	1	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%
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%
1,518	2	0.0%	100.0%
1,519	1	0.0%	100.0%
1,520	2	0.0%	100.0%
1,523	3	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%

Length	Count	Percentage	Cummulative Percentage
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	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%
1,565	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%

Length	Count	Percentage	Cummulative Percentage
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	1	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	3	0.0%	100.0%
1,620	1	0.0%	100.0%
1,624	1	0.0%	100.0%
1,625	3	0.0%	100.0%
1,626	2	0.0%	100.0%
1,627	2	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%
1,633	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	5	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
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	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%
1,665	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%
1,682	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%
1,696	1	0.0%	100.0%
1,701	1	0.0%	100.0%
1,702	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
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	1	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%
1,741	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	3	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%
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%

Length	Count	Percentage	Cummulative Percentage
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	3	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	3	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%
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%
1,845	1	0.0%	100.0%
1,846	1	0.0%	100.0%
1,847	1	0.0%	100.0%

Length	Count	Percentage	Cummulative Percentage
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	1	0.0%	100.0%
1,891	2	0.0%	100.0%
1,892	2	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%
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%

Length	Count	Percentage	Cummulative Percentage
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%
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%

Length	Count	Percentage	Cummulative Percentage
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	6	0.0%	100.0%
2,030	11	0.0%	100.0%
2,031	4	0.0%	100.0%
2,032	9	0.0%	100.0%
2,033	8	0.0%	100.0%
2,034	11	0.0%	100.0%
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	1,305	3.0%	3.0%
181	1,207	2.8%	5.9%
182	1,257	2.9%	8.8%
183	1,205	2.8%	11.6%
184	1,141	2.7%	14.3%
185	1,143	2.7%	17.0%
186	1,099	2.6%	19.5%
187	1,085	2.5%	22.1%
188	1,062	2.5%	24.5%
189	1,055	2.5%	27.0%
190	1,096	2.6%	29.6%
191	1,014	2.4%	31.9%
192	906	2.1%	34.0%
193	952	2.2%	36.3%
194	904	2.1%	38.4%
195	877	2.0%	40.4%
196	854	2.0%	42.4%
197	852	2.0%	44.4%
198	873	2.0%	46.5%
199	812	1.9%	48.4%
200	743	1.7%	50.1%
201	734	1.7%	51.8%
202	733	1.7%	53.5%
203	704	1.6%	55.2%
204	736	1.7%	56.9%
205	705	1.6%	58.5%
206	665	1.6%	60.1%
207	628	1.5%	61.6%
208	630	1.5%	63.0%
209	608	1.4%	64.4%
210	601	1.4%	65.8%
211	637	1.5%	67.3%
212	619	1.4%	68.8%
213	570	1.3%	70.1%

Distance	Count	Percentage	Cummulative Percentage
214	563	1.3%	71.4%
215	577	1.3%	72.8%
216	502	1.2%	73.9%
217	552	1.3%	75.2%
218	488	1.1%	76.4%
219	477	1.1%	77.5%
220	434	1.0%	78.5%
221	448	1.0%	79.6%
222	427	1.0%	80.6%
223	422	1.0%	81.5%
224	429	1.0%	82.5%
225	389	0.9%	83.4%
226	420	1.0%	84.4%
227	369	0.9%	85.3%
228	402	0.9%	86.2%
229	377	0.9%	87.1%
230	402	0.9%	88.1%
231	335	0.8%	88.8%
232	330	0.8%	89.6%
233	328	0.8%	90.4%
234	298	0.7%	91.1%
235	310	0.7%	91.8%
236	298	0.7%	92.5%
237	299	0.7%	93.2%
238	256	0.6%	93.8%
239	247	0.6%	94.4%
240	264	0.6%	95.0%
241	242	0.6%	95.5%
242	241	0.6%	96.1%
243	242	0.6%	96.7%
244	231	0.5%	97.2%
245	216	0.5%	97.7%
246	194	0.5%	98.2%
247	201	0.5%	98.6%
248	199	0.5%	99.1%
249	179	0.4%	99.5%

Distance	Count	Percentage	Cummulative Percentage
250	205	0.5%	100.0%