

Date	Len	Sdiff	Actual Similarities			Matches		Duration		Similarity at Abandonment	
			Ns	AAs	Trials	Number	Percent	Seconds	Hours	Average	Maximum
10/11/2017	51	1%	98.04%	94.12%	100,004,812	1,319,956	1.32%	13,406	3.72	9.48%	64.71%
10/11/2017	51	1%	98.04%	94.12%	400,019,274	5,290,922	1.32%	51,606	14.34	9.48%	64.71%
10/13/2017	57	1%	98.25%	94.73%	100,002,608	959,616	0.96%	13,333	3.70	9.08%	57.90%
10/13/2017	57	1%	98.25%	94.73%	400,010,461	3,839,389	0.96%	52,004	14.45	9.08%	57.90%
10/16/2017	63	1%	98.41%	95.24%	100,002,923	939,099	0.94%	14,322	3.98	9.66%	57.14%
10/16/2017	63	1%	98.41%	95.24%	1,700,049,763	15,955,683	0.94%	237,492	65.97	9.66%	61.91%
10/17/2017	69	1%	98.55%	95.65%	100,002,404	843,148	0.84%	16,113	4.48	11.20%	60.87%
10/17/2017	69	1%	98.55%	95.65%	300,007,223	2,528,151	0.84%	46,983	13.05	11.20%	60.87%
10/18/2017	75	1%	98.67%	96.00%	100,002,272	788,864	0.79%	17,343	4.82	11.84%	56.00%
10/18/2017	75	1%	98.67%	96.00%	300,006,835	2,370,643	0.79%	51,523	14.31	11.85%	56.00%
10/19/2017	81	1%	98.77%	96.30%	100,002,731	822,715	0.82%	18,440	5.12	14.55%	59.26%
10/19/2017	81	1%	98.77%	96.30%	300,008,201	2,469,513	0.82%	54,747	15.21	14.55%	59.26%
10/20/2017	87	1%	98.85%	96.55%	100,001,740	652,796	0.65%	20,012	5.56	13.94%	58.62%
10/20/2017	87	1%	98.85%	96.55%	300,005,213	1,960,573	0.65%	59,130	16.43	13.94%	58.62%
10/23/2017	93	1%	98.93%	96.77%	100,001,653	615,653	0.62%	21,998	6.11	15.27%	54.84%
10/23/2017	93	1%	98.93%	96.77%	1,100,018,229	6,778,165	0.62%	232,736	64.65	15.27%	58.07%
10/24/2017	99	1%	98.99%	96.97%	100,001,599	589,039	0.59%	22,838	6.34	16.76%	57.58%
10/24/2017	99	1%	98.99%	96.97%	200,003,206	1,177,686	0.59%	45,276	12.58	16.76%	57.58%
10/25/2017	105	1%	99.05%	97.14%	100,001,949	614,381	0.61%	24,948	6.93	19.12%	57.14%
10/25/2017	105	1%	99.05%	97.14%	200,003,903	1,229,743	0.61%	49,605	13.78	19.12%	60.00%
10/26/2017	111	1%	99.10%	97.30%	100,001,339	513,187	0.51%	25,266	7.02	18.92%	56.76%
10/26/2017	111	1%	99.10%	97.30%	200,002,668	1,026,460	0.51%	50,266	13.96	18.92%	56.76%
10/30/2017	117	1%	99.15%	97.44%	100,001,251	487,571	0.49%	28,985	8.05	20.02%	58.97%
10/30/2017	117	1%	99.15%	97.44%	800,010,002	3,888,402	0.49%	221,566	61.55	20.02%	58.97%
10/31/2017	123	1%	99.19%	97.56%	100,002,719	980,327	0.98%	28,611	7.95	22.35%	60.98%
10/31/2017	123	1%	99.19%	97.56%	200,005,435	1,959,755	0.98%	56,707	15.75	22.35%	63.42%
11/1/2017	129	1%	99.23%	97.67%	100,001,200	450,840	0.45%	29,738	8.26	23.16%	58.14%
11/1/2017	129	1%	99.23%	97.67%	200,002,405	904,053	0.45%	59,320	16.48	23.16%	60.47%
11/2/2017	135	1%	99.26%	97.78%	100,001,023	414,127	0.41%	41,904	11.64	23.15%	57.78%
11/3/2017	141	1%	99.29%	97.87%	100,000,999	398,759	0.40%	31,479	8.74	24.42%	59.57%
11/7/2017	147	1%	99.32%	97.96%	100,000,999	388,903	0.39%	36,476	10.13	26.21%	61.22%
11/8/2017	153	1%	98.69%	98.04%	100,000,967	377,815	0.38%	33,789	9.39	27.50%	60.78%

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			Ns	AAs	Trials	Number	Percent	Seconds	Hours	Average	Maximum
11/9/2017	159	1%	98.74%	96.23%	100,000,061	4,413	0.00%	35,513	9.86	29.40%	62.26%
11/10/2017	165	1%	98.79%	96.36%	100,000,024	2,072	0.00%	36,776	10.22	29.76%	60.00%
11/13/2017	171	1%	98.83%	96.49%	100,000,020	1,812	0.00%	38,203	10.61	30.20%	63.16%
11/13/2017	171	1%	98.83%	96.49%	600,000,151	10,583	0.00%	227,368	63.16	30.20%	63.16%
11/14/2017	177	1%	98.87%	96.61%	100,000,066	4,954	0.00%	39,555	10.99	31.48%	62.71%
11/15/2017	183	1%	98.91%	96.72%	100,000,022	1,582	0.00%	40,798	11.33	32.69%	62.30%
11/17/2017	189	1%	98.94%	96.83%	100,000,020	1,452	0.00%	42,287	11.75	32.79%	61.91%
11/19/2017	195	1%	98.97%	98.46%	100,000,776	299,888	0.30%	44,266	12.30	35.08%	63.08%
11/20/2017	201	1%	99.01%	97.02%	100,000,016	1,400	0.00%	45,579	12.66	36.07%	64.18%
11/21/2017	207	1%	99.03%	97.10%	100,000,015	1,215	0.00%	46,684	12.97	36.52%	65.22%
11/22/2017	213	1%	99.06%	98.59%	100,001,375	544,055	0.54%	51,052	14.18	37.81%	64.79%
11/27/2017	303	1%	99.01%	98.02%	100,000,010	570	0.00%	64,976	18.05	48.93%	71.29%
11/27/2017	303	1%	99.01%	98.02%	600,000,036	3,428	0.00%	389,223	108.12	48.93%	71.29%
11/28/2017	213	2%	98.12%	94.37%	100,000,000	0	0.00%	47,968	13.32	36.46%	63.38%
11/29/2017	51	2%	98.04%	94.12%	100,003,508	1,146,060	1.15%	12,313	3.42	8.08%	58.82%
11/29/2017	51	2%	98.04%	94.12%	400,014,023	4,583,559	1.15%	48,466	13.46	8.08%	64.71%
11/30/2017	105	2%	98.10%	94.29%	100,000,117	9,213	0.01%	25,286	7.02	17.45%	57.14%
11/30/2017	105	2%	98.10%	94.29%	200,000,234	18,394	0.01%	50,565	14.05	17.45%	57.14%
12/1/2017	51	3%	96.08%	88.24%	100,000,361	24,289	0.02%	13,354	3.71	8.68%	64.71%
12/1/2017	51	3%	96.08%	88.24%	400,001,429	97,813	0.02%	52,541	14.59	8.68%	64.71%
12/4/2017	105	3%	97.14%	94.29%	100,000,070	5,094	0.01%	25,433	7.06	18.13%	60.00%
12/4/2017	105	3%	97.14%	94.29%	900,000,589	45,133	0.01%	226,379	62.88	18.13%	62.86%
12/6/2017	105	4%	96.19%	91.43%	100,000,000	144	0.00%	25,781	7.16	18.60%	60.00%
12/6/2017	105	4%	96.19%	91.43%	500,000,013	717	0.00%	132,093	36.69	18.60%	60.00%
12/8/2017	105	6%	94.29%	88.57%	100,000,003	3	0.00%	39,575	10.99	18.12%	57.14%
12/8/2017	105	6%	94.29%	88.57%	400,000,009	9	0.00%	132,673	36.85	18.12%	60.00%
12/11/2017	153	4%	96.73%	94.12%	100,000,004	28	0.00%	40,253	11.18	27.10%	58.82%
12/11/2017	153	4%	96.68%	94.12%	499,999,995	219	0.00%	200,305	55.64	27.10%	62.75%
12/12/2017	177	4%	96.05%	89.31%	100,000,000	0	0.00%	47,895	13.30	30.39%	61.02%
12/13/2017	153	5%	94.77%	88.24%	100,000,000	0	0.00%	40,520	11.26	24.99%	56.86%
12/14/2017	51	8%	92.16%	76.47%	100,000,002	26	0.00%	12,028	3.34	7.96%	58.82%
12/14/2017	51	8%	92.16%	76.47%	500,000,008	136	0.00%	59,315	16.48	7.96%	58.82%

Date	Len	Sdiff	Actual Similarities			Matches		Duration		Similarity at Abandonment	
			Ns	AAs	Trials	Number	Percent	Seconds	Hours	Average	Maximum
12/14/2017	51	10%	90.20%	76.47%	100,000,007	111	0.00%	12,306	3.42	9.15%	64.71%
12/18/2017	75	8%	92.00%	80.00%	100,000,000	0	0.00%	16,972	4.71	10.67%	56.00%
12/18/2017	75	8%	92.00%	80.00%	1,900,000,004	4	0.00%	318,113	88.36	10.66%	60.00%
12/20/2017	285	1%	98.95%	96.84%	100,000,002	2	0.00%	84,309	23.42	46.60%	69.47%
12/21/2017	309	1%	99.03%	99.03%	100,000,451	184,755	0.18%	69,595	19.33	49.54%	72.82%
12/23/2017	297	1%	98.99%	97.98%	100,000,011	523	0.00%	67,027	18.62	47.74%	70.71%
12/24/2017	249	1%	99.20%	97.59%	100,000,012	852	0.00%	55,772	15.49	42.16%	66.27%
12/26/2017	249	2%	97.99%	93.98%	100,000,000	0	0.00%	56,182	15.61	41.37%	66.27%
12/26/2017	249	2%	97.99%	93.98%	100,000,000	0	0.00%	112,356	31.21	41.37%	66.27%
12/28/2017	51	12%	90.20%	70.59%	100,000,001	1	0.00%	12,736	3.54	7.59%	58.82%
12/27/2017	51	12%	90.20%	70.59%	1,100,000,032	32	0.00%	138,816	38.56	7.59%	64.71%
12/30/2017	51	9%	90.20%	82.35%	100,000,036	1,348	0.00%	12,968	3.60	8.33%	58.82%
12/30/2017	51	9%	90.20%	82.35%	400,000,150	5,654	0.00%	51,955	14.43	8.33%	64.71%
12/30/2017	51	12%	88.24%	82.35%	100,000,024	1,016	0.00%	12,754	3.54	7.10%	58.82%
12/30/2017	51	12%	88.24%	82.35%	400,000,108	4,076	0.00%	50,679	14.08	7.10%	58.82%
12/31/2017	51	4%	96.08%	88.24%	100,000,277	19,885	0.02%	13,499	3.75	7.10%	58.82%
12/31/2017	51	4%	96.08%	88.24%	300,000,813	59,213	0.02%	39,989	11.11	7.10%	58.82%
1/1/2018	51	6%	94.12%	82.35%	100,000,016	536	0.00%	13,354	3.71	7.26%	58.82%
1/1/2018	51	6%	94.12%	82.35%	600,000,089	3,161	0.00%	77,874	21.63	7.26%	58.82%
1/2/2018	63	6%	93.65%	90.48%	100,000,011	555	0.00%	15,528	4.31	9.88%	57.14%
1/2/2018	63	6%	93.65%	90.48%	400,000,056	2,328	0.00%	61,811	17.17	9.88%	57.14%
1/3/2018	129	6%	93.80%	88.37%	100,000,000	0	0.00%	32,152	8.93	20.64%	55.81%
1/4/2018	81	6%	93.83%	85.19%	100,000,003	11	0.00%	20,822	5.78	13.87%	59.26%
1/4/2018	81	6%	93.83%	85.19%	200,000,001	17	0.00%	40,811	11.34	13.87%	59.26%
1/6/2018	63	8%	93.65%	85.71%	100,000,012	404	0.00%	16,335	4.54	10.19%	61.91%
1/6/2018	63	8%	93.65%	85.71%	400,000,043	1,515	0.00%	64,266	17.85	10.19%	61.91%
1/7/2018	69	8%	91.30%	82.61%	99,999,998	6	0.00%	22,544	6.26	11.49%	60.87%
1/7/2018	69	8%	91.30%	82.61%	300,000,018	18	0.00%	60,341	16.76	11.49%	60.87%
1/8/2018	117	6%	94.02%	87.18%	100,000,000	0	0.00%	32,115	8.92	18.94%	56.41%
1/8/2018	117	6%	94.02%	87.18%	300,000,000	0	0.00%	91,895	25.53	18.94%	56.41%
1/8/2018	129	4%	96.12%	90.70%	100,000,000	0	0.00%	36,413	10.11	21.70%	55.81%
1/10/2018	141	4%	95.75%	89.36%	100,000,000	0	0.00%	34,589	9.61	23.38%	59.57%

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			Ns	AAs	Trials	Number	Percent	Seconds	Hours	Average	Maximum
1/10/2018	141	4%	95.75%	89.36%	200,000,000	0	0.00%	68,824	19.12	23.38%	59.57%
1/12/2018	195	2%	97.95%	95.38%	100,000,079	6,087	0.01%	45,310	12.59	35.64%	64.62%
1/13/2018	159	2%	98.11%	96.23%	100,000,053	4,013	0.00%	38,455	10.68	27.89%	58.49%
1/13/2018	159	2%	98.11%	96.23%	200,000,096	8,000	0.00%	75,990	21.11	27.89%	62.26%
1/14/2018	177	2%	98.87%	96.61%	100,000,070	5,078	0.01%	41,486	11.52	31.74%	62.71%
1/14/2018	177	2%	98.87%	96.61%	200,000,133	9,909	0.00%	82,119	22.81	31.74%	62.71%
1/15/2018	183	2%	97.81%	96.72%	100,000,022	1,726	0.00%	44,770	12.44	33.59%	67.21%
1/16/2018	189	2%	97.88%	95.24%	100,000,000	16	0.00%	67,086	18.64	33.00%	63.49%
1/17/2018	75	4%	96.00%	92.00%	100,000,290	21,010	0.02%	23,542	6.54	12.64%	60.00%
1/17/2018	75	4%	96.00%	92.00%	200,000,584	42,392	0.02%	44,836	12.45	12.64%	60.00%
1/18/2018	81	4%	96.30%	92.59%	100,000,384	28,280	0.03%	25,119	6.98	14.00%	59.26%
1/18/2018	81	4%	96.30%	92.59%	200,000,766	56,526	0.03%	56,526	15.70	14.00%	59.26%
1/19/2018	69	6%	95.65%	91.30%	100,000,570	43,202	0.04%	21,420	5.95	11.14%	56.52%
1/19/2018	69	6%	95.65%	91.30%	200,001,118	85,982	0.04%	41,449	11.51	11.14%	56.52%
1/22/2018	63	6%	93.65%	90.48%	100,000,707	52,667	0.05%	20,178	5.61	10.20%	57.14%
1/22/2018	63	6%	93.65%	90.48%	1,200,008,508	635,964	0.05%	222,087	61.69	10.20%	61.91%
1/23/2018	87	6%	94.25%	86.21%	100,000,001	1	0.00%	22,235	6.18	13.15%	55.17%
1/23/2018	87	6%	94.25%	86.21%	100,000,004	4	0.00%	43,372	12.05	13.15%	58.62%
1/25/2018	99	6%	94.95%	90.91%	100,000,002	82	0.00%	24,973	6.94	16.81%	57.58%
1/25/2018	99	6%	94.95%	90.91%	500,000,006	422	0.00%	124,544	34.60	16.81%	57.58%
1/26/2018	93	6%	93.55%	90.32%	100,000,006	110	0.00%	24,215	6.73	16.40%	58.07%
1/26/2018	93	6%	93.55%	90.32%	200,000,008	216	0.00%	47,108	13.09	16.40%	58.07%
1/30/2018	111	6%	93.69%	83.78%	100,000,000	0	0.00%	31,041	8.62	17.37%	56.76%
1/31/2018	75	6%	93.33%	88.00%	100,000,001	9	0.00%	19,269	5.35	12.65%	56.00%
1/31/2018	75	6%	93.33%	88.00%	299,999,989	21	0.00%	55,449	15.40	12.65%	60.00%
2/1/2018	111	4%	96.40%	89.19%	100,000,001	1	0.00%	35,716	9.92	18.11%	56.76%
2/2/2018	159	4%	96.23%	90.57%	100,000,000	0	0.00%	40,139	11.15	26.30%	58.49%
2/6/2018	81	8%	92.59%	81.48%	100,000,000	0	0.00%	21,706	6.03	11.07%	51.85%
2/6/2018	81	8%	92.59%	81.48%	200,000,000	0	0.00%	43,115	11.98	11.07%	51.85%
2/7/2018	201	2%	98.01%	95.52%	100,000,000	8	0.00%	45,874	12.74	33.89%	62.69%
2/8/2018	207	2%	98.07%	97.10%	100,000,020	1,372	0.00%	48,611	13.50	37.00%	65.22%
2/14/2018	93	4%	95.70%	87.10%	100,000,003	3	0.00%	23,119	6.42	14.98%	54.84%

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2/14/2018	93	4%	95.70%	87.10%	200,000,003	3	0.00%	45,174	12.55	14.98%	58.07%
2/15/2018	87	4%	96.55%	96.55%	100,001,832	668,192	0.67%	23,077	6.41	14.09%	55.17%
2/15/2018	87	4%	96.55%	96.55%	200,003,667	1,336,227	0.67%	44,389	12.33	14.09%	55.17%
2/16/2018	99	4%	95.96%	90.91%	100,000,001	1	0.00%	24,438	6.79	16.08%	54.55%
2/16/2018	99	4%	95.96%	90.91%	200,000,003	3	0.00%	47,702	13.25	16.08%	57.58%
2/19/2018	309	2%	98.06%	95.15%	100,000,000	0	0.00%	77,014	21.39	48.46%	72.82%
2/19/2018	309	2%	98.06%	95.15%	300,000,000	0	0.00%	227,930	63.31	48.46%	72.82%
2/20/2018	225	1%	99.11%	97.33%	100,000,028	2,036	0.00%	53,215	14.78	38.98%	64.00%
2/21/2018	219	2%	98.17%	95.89%	99,999,999	15	0.00%	49,728	13.81	38.28%	65.75%
2/22/2018	75	10%	89.33%	72.00%	100,000,000	0	0.00%	20,058	5.57	10.34%	52.00%
2/22/2018	75	10%	89.33%	72.00%	300,000,000	0	0.00%	57,550	15.99	10.34%	56.00%
2/23/2018	87	5%	95.40%	86.21%	100,000,001	17	0.00%	23,131	6.43	14.52%	62.07%
2/23/2018	87	5%	95.40%	86.21%	199,999,997	29	0.00%	43,729	12.15	14.52%	62.07%
2/26/2018	63	7%	93.65%	80.95%	99,999,999	7	0.00%	17,665	4.91	8.61%	57.14%
2/26/2018	63	7%	93.65%	80.95%	1,500,000,004	132	0.00%	235,142	65.32	8.61%	57.14%
2/27/2018	123	2%	98.37%	95.12%	100,000,127	9,655	0.01%	32,203	8.95	20.99%	58.54%
2/28/2018	129	2%	97.67%	93.02%	99,999,999	23	0.00%	35,752	9.93	22.63%	60.47%
3/1/2018	135	2%	97.78%	93.33%	100,000,003	19	0.00%	34,654	9.63	23.60%	57.78%
3/2/2018	141	2%	97.87%	95.75%	100,000,066	5,002	0.01%	34,879	9.69	24.68%	59.57%
3/5/2018	600	1%	99.00%	98.00%	100,000,000	0	0.00%	141,951	39.43	67.87%	81.50%
3/6/2018	57	2%	98.35%	94.74%	100,003,061	1,033,525	1.03%	16,323	4.53	8.66%	57.90%
3/6/2018	57	2%	98.35%	94.74%	300,009,201	3,091,729	1.03%	43,840	12.18	8.66%	57.90%
3/8/2018	63	2%	98.41%	95.24%	100,002,624	916,576	0.92%	16,939	4.71	9.63%	57.14%
3/8/2018	63	2%	98.41%	95.24%	900,023,480	8,227,576	0.91%	144,764	40.21	9.63%	61.91%
3/9/2018	69	2%	98.55%	95.65%	100,005,667	1,824,459	1.82%	19,844	5.51	11.70%	56.52%
3/9/2018	69	2%	98.55%	95.65%	300,017,015	5,475,639	1.83%	55,350	15.38	11.70%	60.87%
3/12/2018	171	2%	98.25%	98.25%	100,000,764	320,604	0.32%	40,487	11.25	29.87%	61.40%
3/12/2018	171	2%	98.25%	98.25%	500,003,817	1,604,681	0.32%	196,408	54.56	29.98%	61.40%
3/13/2018	75	2%	97.33%	96.00%	100,001,629	683,685	0.68%	19,790	5.50	11.15%	56.00%
3/13/2018	75	2%	97.33%	96.00%	300,004,897	2,048,481	0.68%	56,226	15.62	11.15%	56.00%
3/14/2018	81	2%	97.53%	92.59%	100,000,090	7,074	0.01%	21,527	5.98	11.68%	51.85%
3/14/2018	81	2%	97.53%	92.59%	200,000,180	13,940	0.01%	41,075	11.41	11.68%	55.56%

Date	Len	Sdiff	Actual Similarities			Matches		Duration		Similarity at Abandonment	
			Ns	AAs	Trials	Number	Percent	Seconds	Hours	Average	Maximum
3/15/2018	87	2%	97.70%	96.55%	100,001,987	690,843	0.69%	23,078	6.41	14.72%	58.62%
3/15/2018	87	2%	97.70%	96.55%	200,003,982	1,379,694	0.69%	43,495	12.08	14.72%	58.62%
3/16/2018	93	2%	97.85%	93.55%	100,000,176	13,184	0.01%	23,586	6.55	15.93%	58.07%
3/16/2018	93	2%	97.85%	93.55%	200,000,353	45,876	0.02%	45,876	12.74	15.93%	58.07%
3/20/2018	99	2%	97.98%	93.94%	100,000,125	9,709	0.01%	25,311	7.03	16.06%	54.55%
3/20/2018	99	2%	97.98%	93.94%	200,000,258	19,954	0.01%	49,088	13.64	16.06%	57.58%
3/21/2018	111	2%	98.20%	94.60%	100,000,050	4,026	0.00%	26,800	7.44	18.07%	56.76%
3/21/2018	111	2%	98.20%	94.60%	200,000,109	7,981	0.00%	52,606	14.61	18.07%	56.76%
3/22/2018	117	2%	96.58%	97.44%	100,001,375	504,071	0.50%	28,740	7.98	20.33%	58.97%
3/22/2018	117	2%	96.58%	97.44%	200,002,741	1,007,429	0.50%	55,614	15.45	20.33%	58.97%
3/26/2018	225	2%	97.78%	93.33%	100,000,000	0	0.00%	51,565	14.32	36.89%	62.67%
3/26/2018	225	2%	97.78%	93.33%	400,000,000	0	0.00%	202,563	56.27	36.89%	64.00%
3/27/2018	147	2%	97.96%	95.92%	100,000,038	2,438	0.00%	34,306	9.53	26.59%	59.18%
3/29/2018	153	2%	98.04%	98.04%	100,001,112	398,528	0.40%	36,799	10.22	28.33%	62.75%
3/30/2018	165	2%	98.18%	94.55%	99,999,998	14	0.00%	41,245	11.46	28.85%	60.00%
4/2/2018	291	1%	98.97%	96.91%	100,000,001	1	0.00%	68,989	19.16	46.32%	68.04%
4/2/2018	291	1%	98.97%	96.91%	300,000,013	13	0.00%	203,528	56.54	46.32%	70.10%
4/4/2018	303	2%	98.35%	97.03%	100,000,003	3	0.00%	70,946	19.71	48.69%	71.29%
4/4/2018	303	2%	98.35%	97.03%	200,000,008	8	0.00%	137,772	38.27	48.69%	71.29%
4/5/2018	219	1%	99.09%	98.63%	100,000,705	268,649	0.27%	50,217	13.95	38.94%	67.12%
4/9/2018	297	2%	97.98%	95.96%	100,000,000	0	0.00%	69,071	19.19	46.86%	68.69%
4/9/2018	297	2%	97.98%	95.96%	300,000,000	0	0.00%	206,270	57.30	46.86%	68.69%
4/10/2018	231	1%	97.40%	97.40%	100,000,049	3,865	0.00%	55,581	15.44	40.27%	66.23%
4/11/2018	231	2%	97.84%	96.10%	100,000,002	10	0.00%	59,495	16.53	39.68%	67.53%
4/12/2018	237	2%	97.89%	93.67%	100,000,000	0	0.00%	65,943	18.32	38.98%	64.56%
4/13/2018	57	3%	96.49%	89.47%	100,000,358	27,406	0.03%	17,109	4.75	7.38%	52.63%
4/13/2018	57	3%	96.49%	89.47%	300,001,093	82,309	0.03%	82,309	22.86	7.38%	57.90%
4/16/2018	309	4%	96.12%	91.26%	100,000,000	0	0.00%	69,691	19.36	45.82%	68.93%
4/16/2018	309	4%	96.12%	91.26%	300,000,000	0	0.00%	208,710	57.98	45.82%	68.93%
4/17/2018	57	4%	96.49%	89.47%	100,000,264	18,328	0.02%	18,328	5.09	8.59%	63.16%
4/17/2018	57	4%	96.49%	89.47%	400,001,025	72,929	0.02%	58,256	16.18	8.59%	63.16%
4/18/2018	63	4%	95.24%	95.24%	100,003,492	1,030,764	1.03%	16,782	4.66	11.82%	61.91%

Date	Len	Sdiff	Actual Similarities			Matches		Duration		Similarity at Abandonment	
			Ns	AAs	Trials	Number	Percent	Seconds	Hours	Average	Maximum
4/18/2018	63	4%	95.24%	95.24%	300,010,499	3,093,027	1.03%	47,278	13.13	11.82%	61.91%
4/19/2018	63	3%	96.83%	90.48%	100,000,197	14,325	0.01%	19,047	5.29	9.88%	61.91%
4/19/2018	63	3%	96.83%	90.48%	900,001,872	130,704	0.01%	146,079	40.58	9.88%	66.67%
4/25/2018	69	3%	97.10%	95.65%	100,005,062	1,736,246	1.74%	17,195	4.78	11.27%	56.52%
4/25/2018	69	3%	97.10%	95.65%	300,015,238	5,210,982	1.74%	48,743	13.54	11.27%	60.87%
4/26/2018	69	4%	96.65%	91.30%	100,000,271	20,607	0.02%	17,691	4.91	10.50%	56.52%
4/26/2018	69	4%	96.65%	91.30%	300,000,835	62,691	0.02%	50,324	13.98	10.50%	56.52%
4/27/2018	75	3%	97.33%	92.00%	100,000,145	10,425	0.01%	19,119	5.31	12.06%	60.00%
4/27/2018	75	3%	97.33%	92.00%	300,000,420	31,396	0.01%	54,185	15.05	12.06%	60.00%
4/30/2018	309	3%	97.09%	94.18%	100,000,000	0	0.00%	72,273	20.08	47.53%	68.93%
4/30/2018	309	3%	97.09%	94.18%	300,000,000	0	0.00%	212,216	58.95	47.53%	68.93%
5/2/2018	81	3%	97.53%	92.59%	100,000,116	8,260	0.01%	19,658	5.46	12.75%	55.56%
5/2/2018	81	3%	97.53%	92.59%	300,000,327	24,999	0.01%	56,703	15.75	12.75%	55.56%
5/3/2018	87	3%	96.55%	93.10%	100,000,256	19,368	0.02%	19,533	5.43	14.01%	58.62%
5/3/2018	87	3%	96.55%	93.10%	200,000,514	39,266	0.02%	38,802	10.78	14.01%	58.62%
5/4/2018	93	3%	96.77%	90.32%	100,000,000	304	0.00%	22,048	6.12	14.95%	58.07%
5/4/2018	93	3%	96.77%	90.32%	200,000,023	615	0.00%	42,505	11.81	14.95%	58.07%
5/7/2018	291	2%	97.94%	95.88%	100,000,000	0	0.00%	63,859	17.74	46.84%	69.07%
5/7/2018	291	2%	97.94%	95.88%	300,000,000	0	0.00%	190,485	52.91	46.84%	70.10%
5/8/2018	99	3%	96.97%	93.94%	100,000,001	5,985	0.01%	23,278	6.47	17.62%	57.58%
5/8/2018	99	3%	96.97%	93.94%	200,000,157	11,949	0.01%	45,440	12.62	17.62%	57.58%
5/9/2018	111	3%	97.30%	91.89%	100,000,000	96	0.00%	27,164	7.55	18.06%	56.76%
5/9/2018	111	3%	97.30%	91.89%	199,999,999	207	0.00%	52,810	14.67	18.06%	59.46%
5/10/2018	117	3%	97.44%	92.31%	100,000,006	86	0.00%	28,126	7.81	19.76%	56.41%
5/10/2018	117	3%	97.44%	92.31%	200,000,011	187	0.00%	54,787	15.22	19.76%	56.41%
5/11/2018	117	4%	95.73%	87.18%	100,000,000	0	0.00%	29,333	8.15	19.26%	61.54%
5/11/2018	117	4%	95.73%	87.18%	200,000,000	0	0.00%	57,071	15.85	19.26%	61.54%
5/15/2018	123	3%	96.75%	92.68%	99,999,999	7	0.00%	29,588	8.22	21.12%	58.54%
5/15/2018	123	3%	96.75%	92.68%	199,999,997	13	0.00%	57,746	16.04	21.12%	58.54%
5/16/2018	123	4%	95.94%	90.24%	100,000,001	1	0.00%	31,635	8.79	20.87%	58.54%
5/16/2018	123	4%	95.94%	90.24%	200,000,001	1	0.00%	64,584	17.94	20.87%	58.54%
5/17/2018	129	3%	96.90%	93.02%	100,000,001	89	0.00%	31,821	8.84	22.88%	67.44%

Date	Len	Sdiff	Actual Similarities			Matches		Duration		Similarity at Abandonment	
			Ns	AAs	Trials	Number	Percent	Seconds	Hours	Average	Maximum
5/18/2018	135	3%	97.04%	93.33%	100,000,003	75	0.00%	32,170	8.94	24.20%	60.00%
5/21/2018	303	3%	97.03%	93.07%	100,000,000	0	0.00%	67,579	18.77	46.36%	68.32%
5/21/2018	303	3%	97.03%	93.07%	300,000,000	0	0.00%	202,173	56.16	46.36%	69.31%
5/22/2018	135	4%	96.30%	91.11%	100,000,000	0	0.00%	32,556	9.04	23.55%	57.78%
5/23/2018	141	3%	97.16%	93.62%	99,999,997	29	0.00%	34,862	9.68	24.13%	59.57%
5/24/2018	147	3%	97.28%	91.84%	100,000,000	0	0.00%	37,392	10.39	25.59%	59.18%
5/25/2018	147	4%	96.60%	91.84%	100,000,000	0	0.00%	38,832	10.79	25.54%	59.18%
5/30/2018	153	3%	96.73%	90.20%	100,000,000	0	0.00%	33,747	9.37	26.06%	58.82%
6/4/2018	309	5%	95.15%	87.38%	100,000,000	0	0.00%	67,291	18.69	44.69%	66.99%
6/4/2018	309	5%	95.15%	87.38%	600,000,000	0	0.00%	402,206	111.72	44.69%	66.99%
6/5/2018	159	3%	97.48%	94.34%	100,000,002	58	0.00%	37,751	10.49	28.51%	64.15%
6/6/2018	165	3%	96.97%	92.73%	100,000,000	0	0.00%	49,152	13.65	29.62%	61.82%
6/7/2018	165	4%	95.76%	89.09%	100,000,000	0	0.00%	36,501	10.14	27.09%	58.18%
6/8/2018	171	3%	97.08%	94.74%	100,000,000	16	0.00%	37,517	10.42	31.26%	63.16%
6/11/2018	315	1%	99.05%	97.14%	100,000,002	10	0.00%	68,448	19.01	49.10%	71.43%
6/11/2018	315	1%	99.05%	97.14%	299,999,990	22	0.00%	204,352	56.76	49.10%	71.43%
6/12/2018	171	4%	95.91%	89.47%	100,000,000	0	0.00%	40,774	11.33	29.10%	61.40%
6/13/2018	177	3%	97.18%	94.92%	100,000,000	32	0.00%	42,420	11.78	31.21%	61.02%
6/14/2018	183	3%	97.27%	93.44%	100,000,000	0	0.00%	40,344	11.21	30.61%	62.30%
6/15/2018	183	4%	96.18%	90.16%	100,000,000	0	0.00%	41,532	11.54	32.06%	65.57%
6/16/2018	189	4%	95.77%	90.48%	100,000,000	0	0.00%	43,819	12.17	30.84%	61.91%
6/16/2018	189	4%	95.77%	90.48%	200,000,000	0	0.00%	86,397	24.00	30.84%	61.91%
6/17/2018	189	3%	96.83%	90.48%	100,000,000	0	0.00%	42,487	11.80	31.19%	60.32%
6/18/2018	195	3%	96.92%	92.31%	100,000,000	0	0.00%	46,214	12.84	32.89%	63.08%
6/19/2018	195	4%	95.90%	87.69%	100,000,000	0	0.00%	48,880	13.58	31.15%	60.00%
6/20/2018	201	4%	96.02%	91.05%	100,000,000	0	0.00%	56,528	15.70	33.14%	62.69%
6/21/2018	201	3%	97.02%	94.00%	100,000,000	0	0.00%	58,906	16.36	35.35%	64.18%
6/22/2018	207	3%	97.10%	91.30%	100,000,000	0	0.00%	62,266	17.30	33.88%	62.32%
6/25/2018	303	4%	96.04%	93.07%	100,000,000	0	0.00%	82,425	22.90	46.38%	67.33%
6/25/2018	303	4%	96.04%	93.07%	200,000,000	0	0.00%	163,853	45.51	46.38%	67.33%
6/26/2018	51	5%	94.12%	82.35%	100,000,036	1,340	0.00%	17,362	4.82	8.97%	64.71%
6/26/2018	51	5%	94.12%	82.35%	300,000,119	4,183	0.00%	49,604	13.78	8.97%	64.71%

Date	Len	Sdiff	Actual Similarities			Matches		Duration		Similarity at Abandonment	
			Ns	AAs	Trials	Number	Percent	Seconds	Hours	Average	Maximum
6/27/2018	57	5%	94.74%	94.74%	100,004,584	1,842,392	1.84%	12,724	3.53	8.72%	57.90%
6/27/2018	57	5%	94.74%	94.74%	300,013,772	5,530,476	1.84%	37,955	10.54	8.72%	63.16%
6/28/2018	63	5%	95.24%	90.48%	100,000,201	14,337	0.01%	16,186	4.50	10.39%	57.14%
6/28/2018	63	5%	95.24%	90.48%	300,000,593	43,089	0.01%	43,089	11.97	10.39%	57.14%
6/29/2018	69	5%	95.65%	86.96%	100,000,008	240	0.00%	17,067	4.74	10.63%	56.52%
6/29/2018	69	5%	95.65%	86.96%	300,000,017	689	0.00%	49,382	13.72	10.63%	56.52%
6/30/2018	75	5%	94.67%	84.00%	99,999,999	7	0.00%	16,965	4.71	12.00%	60.00%
6/30/2018	75	5%	94.67%	84.00%	300,000,014	14	0.00%	50,741	14.09	12.00%	60.00%
7/1/2018	81	5%	95.06%	92.59%	100,000,139	9,795	0.01%	17,898	4.97	14.09%	59.26%
7/1/2018	81	5%	95.06%	92.59%	400,000,539	39,419	0.01%	71,445	19.85	14.09%	59.26%
7/3/2018	93	5%	94.62%	87.10%	99,999,998	6	0.00%	21,608	6.00	15.50%	61.29%
7/3/2018	93	5%	94.62%	87.10%	199,999,999	15	0.00%	42,535	11.82	15.49%	61.29%
7/5/2018	321	1%	99.07%	97.20%	100,000,003	3	0.00%	70,286	19.52	49.88%	71.03%
7/5/2018	321	1%	99.07%	97.20%	200,000,007	7	0.00%	140,668	39.07	49.88%	71.03%
7/9/2018	321	2%	98.13%	97.20%	100,000,000	0	0.00%	68,788	19.11	49.70%	71.03%
7/9/2018	321	2%	98.13%	97.20%	300,000,004	4	0.00%	205,795	57.17	49.70%	71.03%
7/10/2018	99	5%	94.95%	90.91%	100,000,005	93	0.00%	22,369	6.21	16.49%	57.58%
7/10/2018	99	5%	94.95%	90.91%	300,000,016	272	0.00%	67,033	18.62	16.49%	57.58%
7/11/2018	105	5%	95.24%	88.57%	100,000,002	2	0.00%	25,108	6.97	17.48%	57.14%
7/11/2018	105	5%	95.24%	88.57%	200,000,004	4	0.00%	48,504	13.47	17.48%	57.14%
7/12/2018	111	5%	95.49%	89.19%	100,000,000	0	0.00%	25,283	7.02	18.41%	56.76%
7/12/2018	111	5%	95.50%	89.19%	200,000,000	0	0.00%	49,896	13.86	18.41%	56.76%
7/13/2018	117	5%	94.87%	87.18%	100,000,000	0	0.00%	26,878	7.47	19.14%	56.41%
7/13/2018	117	5%	94.87%	87.18%	200,000,000	0	0.00%	52,766	14.66	19.14%	58.97%
7/16/2018	321	3%	96.89%	91.59%	100,000,000	0	0.00%	69,964	19.43	48.01%	69.16%
7/16/2018	321	3%	96.89%	91.59%	300,000,000	0	0.00%	209,256	58.13	48.01%	70.09%
7/17/2018	123	5%	95.12%	90.24%	100,000,000	0	0.00%	28,108	7.81	19.78%	56.10%
7/17/2018	123	5%	95.12%	90.24%	200,000,000	0	0.00%	55,493	15.41	19.78%	56.10%
7/18/2018	123	6%	94.31%	90.24%	100,000,001	1	0.00%	28,221	7.84	21.20%	60.98%
7/18/2018	123	6%	94.31%	90.24%	200,000,002	2	0.00%	55,608	15.45	21.30%	60.98%
7/20/2018	129	5%	95.35%	90.70%	100,000,002	10	0.00%	30,123	8.37	22.18%	58.14%
7/23/2018	321	4%	95.95%	90.65%	100,000,000	0	0.00%	70,126	19.48	46.80%	68.22%

Date	Len	Sdiff	Actual Similarities			Matches		Duration		Similarity at Abandonment	
			Ns	AAs	Trials	Number	Percent	Seconds	Hours	Average	Maximum
7/23/2018	321	4%	95.95%	90.65%	300,000,000	0	0.00%	209,739	58.26	46.80%	70.09%
7/25/2018	321	5%	95.33%	87.85%	100,000,000	0	0.00%	72,421	20.12	46.03%	67.29%
7/25/2018	321	5%	95.33%	87.85%	200,000,000	0	0.00%	144,714	40.20	46.03%	69.16%
7/26/2018	135	5%	94.82%	86.67%	100,000,000	0	0.00%	33,268	9.24	21.56%	57.78%
7/27/2018	135	6%	94.07%	88.89%	100,000,000	0	0.00%	32,118	8.92	23.42%	57.78%
7/30/2018	321	5%	95.33%	90.65%	100,000,000	0	0.00%	72,999	20.28	47.44%	68.22%
7/30/2018	321	5%	95.33%	90.65%	300,000,000	0	0.00%	220,299	61.19	47.44%	71.03%
7/31/2018	141	5%	95.04%	87.23%	100,000,000	0	0.00%	34,037	9.45	24.27%	61.70%
8/1/2018	141	6%	95.04%	91.49%	100,000,000	0	0.00%	37,144	10.32	24.06%	63.83%
8/2/2018	147	5%	95.92%	91.84%	100,000,000	0	0.00%	35,147	9.76	25.21%	59.18%
8/3/2018	147	6%	93.88%	89.80%	100,000,000	0	0.00%	35,130	9.76	25.25%	59.18%
8/6/2018	321	6%	94.08%	85.98%	100,000,000	0	0.00%	75,162	20.88	45.29%	67.29%
8/6/2018	321	6%	94.08%	85.98%	300,000,000	0	0.00%	224,130	62.26	45.29%	68.22%
8/7/2018	153	6%	94.12%	88.24%	100,000,000	0	0.00%	38,569	10.71	25.91%	58.82%
8/8/2018	159	6%	93.71%	88.68%	100,000,000	0	0.00%	39,475	10.97	26.71%	58.49%
8/9/2018	159	5%	94.97%	86.79%	100,000,000	0	0.00%	39,512	10.98	26.26%	58.49%
8/10/2018	165	5%	96.36%	90.91%	100,000,000	0	0.00%	40,727	11.31	28.72%	61.82%
8/13/2018	315	2%	98.10%	94.29%	100,000,000	0	0.00%	71,451	19.85	48.47%	69.52%
8/13/2018	315	2%	98.10%	94.29%	300,000,000	0	0.00%	213,707	59.36	48.47%	70.48%
8/14/2018	165	6%	93.94%	87.27%	100,000,000	0	0.00%	36,542	10.15	28.04%	58.18%
8/15/2018	171	6%	94.15%	85.97%	100,000,000	0	0.00%	45,844	12.73	27.26%	59.65%
8/16/2018	171	5%	94.74%	94.74%	100,000,001	33	0.00%	44,496	12.36	29.52%	61.40%
8/17/2018	177	5%	95.48%	89.83%	100,000,000	0	0.00%	45,784	12.72	30.14%	66.10%
8/18/2018	177	6%	93.79%	88.14%	100,000,000	0	0.00%	45,427	12.62	29.75%	61.02%
8/19/2018	183	6%	93.99%	86.89%	100,000,000	0	0.00%	46,547	12.93	29.77%	60.66%
8/21/2018	183	5%	95.08%	88.52%	100,000,000	0	0.00%	68,533	19.04	32.19%	60.66%
8/23/2018	189	5%	95.24%	87.30%	100,000,000	0	0.00%	46,739	12.98	30.18%	60.32%
8/24/2018	189	6%	94.18%	84.13%	100,000,000	0	0.00%	42,397	11.78	30.02%	60.32%
8/25/2018	195	6%	93.85%	86.15%	100,000,000	0	0.00%	43,114	11.98	32.93%	61.54%
8/26/2018	195	5%	94.87%	90.77%	100,000,000	0	0.00%	43,417	12.06	32.62%	60.00%
8/27/2018	201	5%	95.03%	88.06%	100,000,000	0	0.00%	44,783	12.44	32.79%	61.19%
8/28/2018	201	6%	94.53%	83.58%	100,000,000	0	0.00%	46,375	12.88	31.24%	58.21%

Date	Len	Sdiff	Actual Similarities			Matches		Duration		Similarity at Abandonment	
			Ns	AAs	Trials	Number	Percent	Seconds	Hours	Average	Maximum
8/29/2018	207	6%	94.69%	85.51%	100,000,000	0	0.00%	64,805	18.00	33.88%	60.87%
8/30/2018	207	5%	95.17%	89.85%	100,000,000	0	0.00%	53,708	14.92	33.27%	65.22%
8/31/2018	207	4%	96.14%	88.41%	100,000,000	0	0.00%	45,030	12.51	32.76%	60.87%
9/4/2018	315	3%	97.14%	93.33%	100,000,000	0	0.00%	68,571	19.05	47.47%	68.57%
9/4/2018	315	3%	97.14%	93.33%	400,000,000	0	0.00%	273,401	75.94	47.47%	70.48%
9/5/2018	213	3%	97.18%	91.55%	100,000,000	0	0.00%	50,166	13.94	36.10%	63.38%
9/6/2018	213	4%	96.71%	90.14%	100,000,000	0	0.00%	50,229	13.95	34.35%	60.56%
9/7/2018	213	5%	94.84%	88.73%	100,000,000	0	0.00%	51,912	14.42	35.41%	63.38%
9/10/2018	315	4%	95.87%	93.33%	100,000,000	0	0.00%	74,227	20.62	48.18%	68.57%
9/10/2018	315	4%	95.87%	93.33%	300,000,000	0	0.00%	221,448	61.51	48.18%	68.57%
9/11/2018	213	6%	94.37%	88.73%	100,000,000	0	0.00%	52,603	14.61	35.50%	64.79%
9/12/2018	219	6%	94.52%	86.30%	100,000,000	0	0.00%	53,716	14.92	35.65%	61.64%
9/13/2018	219	5%	94.98%	89.04%	100,000,000	0	0.00%	62,456	17.35	34.53%	60.27%
9/14/2018	219	4%	95.89%	93.15%	100,000,000	0	0.00%	57,133	15.87	37.48%	64.38%
9/17/2018	315	4%	95.87%	88.57%	100,000,000	0	0.00%	74,483	20.69	45.31%	66.67%
9/17/2018	315	4%	95.87%	88.57%	300,000,000	0	0.00%	222,956	61.93	45.31%	66.67%
9/18/2018	219	3%	96.80%	93.15%	100,000,000	0	0.00%	51,743	14.37	36.37%	63.01%
9/19/2018	225	3%	96.89%	92.00%	100,000,000	0	0.00%	53,718	14.92	36.61%	64.00%
9/20/2018	225	4%	96.00%	92.00%	100,000,000	0	0.00%	56,571	15.71	37.97%	68.00%
9/21/2018	225	5%	95.11%	88.00%	100,000,000	0	0.00%	50,928	14.15	35.66%	62.67%
9/24/2018	315	5%	94.92%	88.57%	100,000,000	0	0.00%	69,064	19.18	45.20%	65.71%
9/24/2018	315	5%	94.92%	88.57%	300,000,000	0	0.00%	206,556	57.38	45.20%	67.62%
9/25/2018	225	6%	94.67%	86.67%	100,000,000	0	0.00%	50,747	14.10	36.22%	65.33%
9/26/2018	231	6%	93.94%	87.01%	100,000,000	0	0.00%	52,034	14.45	36.44%	63.64%
9/27/2018	231	5%	94.80%	89.61%	100,000,000	0	0.00%	52,280	14.52	38.46%	66.23%
9/28/2018	231	4%	96.10%	92.21%	100,000,000	0	0.00%	53,921	14.98	37.65%	64.94%
10/1/2018	315	6%	94.29%	85.71%	100,000,000	0	0.00%	70,192	19.50	43.23%	64.76%
10/1/2018	315	6%	94.29%	85.71%	300,000,000	0	0.00%	209,498	58.19	43.23%	64.76%
10/2/2018	231	3%	96.97%	93.51%	100,000,000	0	0.00%	54,231	15.06	39.34%	64.94%
10/3/2018	237	1%	99.16%	97.47%	100,000,034	2,386	0.00%	56,841	15.79	39.41%	65.82%
10/4/2018	237	3%	97.05%	94.94%	100,000,000	0	0.00%	55,432	15.40	40.70%	64.56%
10/5/2018	309	5%	95.15%	89.32%	100,000,000	0	0.00%	72,855	20.24	45.56%	66.99%

Date	Len	Sdiff	Actual Similarities			Matches		Duration		Similarity at Abandonment	
			Ns	AAs	Trials	Number	Percent	Seconds	Hours	Average	Maximum
10/8/2018	309	6%	94.50%	87.38%	100,000,000	0	0.00%	69,732	19.37	44.47%	66.02%
10/8/2018	309	6%	94.50%	87.38%	300,000,000	0	0.00%	208,678	57.97	44.47%	66.02%
10/9/2018	237	4%	96.20%	91.14%	100,000,000	0	0.00%	54,116	15.03	38.93%	67.09%
10/10/2018	237	5%	94.94%	88.61%	100,000,000	0	0.00%	53,654	14.90	37.37%	63.29%
10/11/2018	237	6%	94.09%	86.08%	100,000,000	0	0.00%	53,479	14.86	36.86%	63.29%
10/16/2018	297	3%	96.97%	93.94%	100,000,000	0	0.00%	65,741	18.26	46.83%	69.70%
10/16/2018	297	3%	96.97%	93.94%	400,000,000	0	0.00%	261,545	72.65	46.83%	70.71%
10/17/2018	243	1%	99.18%	97.53%	100,000,015	959	0.00%	54,784	15.22	41.97%	67.90%
10/18/2018	243	2%	97.94%	95.06%	100,000,000	0	0.00%	59,301	16.47	39.39%	64.20%
10/19/2018	243	3%	97.12%	92.59%	100,000,000	0	0.00%	55,244	15.35	39.28%	64.20%
10/22/2018	303	5%	95.05%	90.10%	100,000,000	0	0.00%	68,284	18.97	44.75%	67.33%
10/22/2018	303	5%	95.05%	90.10%	300,000,000	0	0.00%	204,807	56.89	44.75%	67.33%
10/23/2018	243	4%	95.88%	91.36%	100,000,000	0	0.00%	55,181	15.33	39.27%	65.43%
10/24/2018	243	5%	95.06%	88.89%	100,000,000	0	0.00%	57,350	15.93	38.23%	64.20%
10/25/2018	243	6%	93.83%	87.65%	100,000,000	0	0.00%	54,366	15.10	37.22%	62.96%
10/26/2018	249	6%	93.98%	87.95%	100,000,000	0	0.00%	53,461	14.85	38.97%	62.65%
10/27/2018	249	5%	95.98%	89.16%	100,000,000	0	0.00%	54,231	15.06	39.84%	65.06%
10/28/2018	249	4%	95.98%	91.57%	100,000,000	0	0.00%	53,811	14.95	40.17%	66.27%
10/29/2018	249	3%	97.59%	93.98%	100,000,000	0	0.00%	57,536	15.98	40.30%	67.47%
10/30/2018	255	1%	98.82%	96.47%	99,999,997	13	0.00%	63,066	17.52	42.86%	68.24%
10/31/2018	255	2%	98.04%	94.12%	100,000,000	0	0.00%	75,002	20.83	41.90%	67.00%
11/1/2018	255	3%	96.86%	91.77%	100,000,000	0	0.00%	76,449	21.24	41.13%	65.88%
11/2/2018	255	4%	96.08%	91.77%	100,000,000	0	0.00%	56,453	15.68	40.59%	64.71%
11/6/2018	255	5%	94.90%	89.41%	100,000,000	0	0.00%	57,424	15.95	40.00%	63.53%
11/7/2018	255	6%	94.51%	89.41%	100,000,000	0	0.00%	57,772	16.05	39.71%	65.88%
11/8/2018	261	1%	98.85%	96.55%	99,999,998	14	0.00%	59,978	16.66	43.66%	68.97%
11/9/2018	261	2%	98.08%	95.40%	100,000,000	0	0.00%	61,632	17.12	41.79%	65.52%
11/15/2018	303	6%	95.05%	89.11%	100,000,000	0	0.00%	67,304	18.70	45.41%	68.32%
11/16/2018	297	4%	95.96%	90.91%	100,000,000	0	0.00%	67,065	18.63	45.43%	67.68%
11/17/2018	297	5%	94.95%	88.89%	100,000,000	0	0.00%	66,350	18.43	44.13%	66.67%
11/17/2018	297	5%	94.95%	88.89%	200,000,000	0	0.00%	132,823	36.90	44.13%	67.68%
11/19/2018	297	6%	93.94%	88.89%	100,000,000	0	0.00%	72,570	20.16	43.98%	66.67%

Date	Len	Sdiff	Actual Similarities			Matches		Duration		Similarity at Abandonment	
			Ns	AAs	Trials	Number	Percent	Seconds	Hours	Average	Maximum
11/20/2018	291	3%	96.91%	91.75%	100,000,000	0	0.00%	66,869	18.57	44.55%	67.01%
11/22/2018	291	4%	95.88%	89.69%	100,000,000	0	0.00%	66,091	18.36	43.77%	65.98%
11/23/2018	291	5%	94.85%	87.63%	100,000,000	0	0.00%	78,561	21.82	43.48%	67.01%
11/24/2018	291	6%	94.16%	85.57%	100,000,000	0	0.00%	65,210	18.11	43.50%	67.01%
11/25/2018	285	2%	97.90%	94.74%	100,000,000	0	0.00%	62,093	17.25	45.64%	70.53%
11/26/2018	285	3%	96.84%	93.68%	100,000,000	0	0.00%	63,375	17.60	44.98%	68.42%
11/27/2018	285	4%	96.14%	92.63%	100,000,000	0	0.00%	62,603	17.39	44.31%	67.37%
11/28/2018	261	3%	96.94%	93.10%	100,000,000	0	0.00%	61,957	17.21	41.32%	66.67%
11/29/2018	261	4%	96.17%	89.66%	100,000,000	0	0.00%	57,961	16.10	40.80%	65.52%
11/30/2018	261	5%	95.40%	87.36%	100,000,000	0	0.00%	56,053	15.57	40.02%	65.52%
12/1/2018	285	5%	95.09%	86.32%	100,000,000	0	0.00%	63,566	17.66	42.39%	65.26%
12/2/2018	285	6%	94.39%	88.42%	100,000,000	0	0.00%	62,754	17.43	43.33%	66.32%
12/3/2018	261	6%	93.87%	86.21%	100,000,000	0	0.00%	60,480	16.80	39.46%	64.37%
12/4/2018	267	1%	98.88%	96.63%	100,000,004	4	0.00%	66,327	18.42	44.53%	67.42%
12/6/2018	267	2%	98.13%	95.51%	100,000,000	0	0.00%	60,079	16.69	42.77%	65.17%
12/7/2018	267	3%	97.00%	92.14%	100,000,000	0	0.00%	62,246	17.29	43.28%	68.54%
12/8/2018	267	4%	95.88%	88.76%	100,000,000	0	0.00%	62,364	17.32	41.73%	66.29%
12/9/2018	267	5%	95.13%	91.01%	100,000,000	0	0.00%	58,434	16.23	41.94%	67.42%
12/10/2018	267	6%	94.01%	89.89%	100,000,000	0	0.00%	61,315	17.03	42.07%	67.42%
12/11/2018	273	1%	98.90%	97.80%	100,000,000	769	0.00%	60,080	16.69	45.65%	69.23%
12/12/2018	273	2%	98.17%	95.60%	100,000,000	0	0.00%	60,682	16.86	44.51%	69.23%
12/13/2018	273	3%	97.07%	92.31%	100,000,000	0	0.00%	64,888	18.02	43.31%	67.03%
12/14/2018	273	4%	95.97%	89.01%	100,000,000	0	0.00%	65,500	18.19	41.71%	64.84%
12/15/2018	273	5%	95.24%	87.91%	100,000,000	0	0.00%	62,298	17.31	41.53%	65.93%
12/16/2018	273	6%	94.14%	90.11%	100,000,000	0	0.00%	60,350	16.76	41.25%	67.84%
12/17/2018	279	1%	98.93%	97.85%	100,000,009	633	0.00%	62,903	17.47	45.81%	67.74%
12/19/2018	279	2%	97.85%	94.62%	100,000,000	0	0.00%	61,168	16.99	44.21%	67.74%
12/20/2018	279	3%	97.13%	92.47%	100,000,000	0	0.00%	60,909	16.92	44.22%	66.67%
12/21/2018	279	4%	96.06%	93.54%	100,000,000	0	0.00%	62,196	17.28	44.00%	67.74%
12/22/2018	279	5%	94.98%	89.25%	100,000,000	0	0.00%	62,846	17.46	42.45%	64.52%
12/23/2018	279	6%	93.91%	87.10%	100,000,000	0	0.00%	64,429	17.90	42.23%	64.52%
12/25/2018	327	1%	99.08%	98.17%	100,000,006	550	0.00%	73,277	20.35	50.84%	71.56%

Date	Len	Sdiff	Actual Similarities			Matches		Duration		Similarity at Abandonment	
			Ns	AAs	Trials	Number	Percent	Seconds	Hours	Average	Maximum
12/26/2018	327	2%	97.86%	93.58%	100,000,000	0	0.00%	74,436	20.68	48.97%	69.73%
12/27/2018	327	3%	96.94%	95.41%	100,000,000	0	0.00%	74,882	20.80	49.87%	70.64%
12/28/2018	327	4%	96.64%	91.74%	100,000,000	0	0.00%	73,048	20.29	48.12%	68.81%
12/29/2018	327	5%	96.11%	90.83%	100,000,000	0	0.00%	71,602	19.89	48.43%	68.81%
12/30/2018	327	6%	94.49%	86.24%	100,000,000	0	0.00%	70,792	19.66	45.60%	66.97%
1/1/2019	333	1%	99.10%	97.30%	100,000,000	0	0.00%	73,062	20.30	51.17%	72.07%
1/2/2019	333	2%	97.90%	96.40%	100,000,000	0	0.00%	73,258	20.35	51.38%	73.87%
1/3/2019	339	1%	99.12%	99.12%	100,000,004	460	0.00%	86,015	23.89	52.33%	73.45%
1/6/2019	333	3%	97.00%	93.69%	100,000,000	0	0.00%	86,665	24.07	49.93%	70.27%
1/9/2019	51	7%	92.16%	82.35%	100,000,018	594	0.00%	14,353	3.99	7.36%	58.82%
1/10/2019	51	7%	92.16%	82.35%	1,000,000,187	5,883	0.00%	142,783	39.66	7.36%	64.71%
1/11/2019	57	7%	92.98%	84.21%	100,000,023	871	0.00%	14,557	4.04	9.45%	63.16%
1/11/2019	57	7%	92.98%	84.21%	400,000,083	3,347	0.00%	56,843	15.79	9.45%	63.16%
1/12/2019	69	7%	94.20%	91.30%	100,000,291	22,011	0.02%	15,849	4.40	10.36%	56.52%
1/12/2019	69	7%	94.20%	91.30%	400,001,181	88,541	0.02%	63,625	17.67	10.36%	56.52%
1/12/2019	75	7%	93.33%	84.00%	100,000,000	0	0.00%	17,153	4.76	9.88%	52.00%
1/12/2019	81	7%	92.59%	85.19%	100,000,002	2	0.00%	18,631	5.18	13.66%	55.56%
1/13/2019	87	7%	93.10%	89.66%	100,000,002	10	0.00%	19,392	5.39	13.68%	55.17%
1/13/2019	93	7%	92.47%	80.65%	100,000,000	0	0.00%	20,757	5.77	14.46%	58.07%
1/14/2019	99	7%	93.94%	84.85%	100,000,000	0	0.00%	22,085	6.13	15.31%	54.55%
1/14/2019	99	7%	93.94%	84.85%	200,000,000	0	0.00%	44,182	12.27	15.31%	54.55%
1/15/2019	105	7%	93.33%	82.86%	100,000,000	0	0.00%	25,758	7.16	15.04%	51.43%
1/15/2019	105	7%	93.33%	82.86%	200,000,000	0	0.00%	51,252	14.24	15.04%	54.29%
1/16/2019	111	7%	92.79%	89.19%	100,000,002	2	0.00%	28,737	7.98	19.67%	59.46%
1/16/2019	111	7%	92.79%	89.19%	200,000,004	4	0.00%	57,536	15.98	19.67%	59.46%
1/17/2019	117	7%	93.16%	84.62%	100,000,000	0	0.00%	31,163	8.66	19.30%	56.41%
1/19/2019	123	7%	92.68%	82.93%	100,000,000	0	0.00%	27,751	7.71	20.27%	56.10%
1/20/2019	129	7%	93.02%	83.72%	100,000,000	0	0.00%	29,018	8.06	21.09%	58.14%
1/20/2019	129	7%	93.02%	83.72%	300,000,000	0	0.00%	86,918	24.14	21.09%	58.14%
1/21/2019	135	7%	93.33%	86.66%	100,000,000	0	0.00%	30,254	8.40	22.13%	57.78%
1/22/2019	141	7%	92.91%	82.98%	100,000,000	0	0.00%	32,274	8.97	22.80%	57.45%
1/23/2019	147	7%	93.20%	89.80%	100,000,000	0	0.00%	35,132	9.76	24.50%	57.14%

Date	Len	Sdiff	Actual Similarities			Matches		Duration		Similarity at Abandonment	
			Ns	AAs	Trials	Number	Percent	Seconds	Hours	Average	Maximum
1/24/2019	153	7%	92.81%	84.31%	100,000,000	0	0.00%	37,800	10.50	24.80%	56.86%
1/25/2019	159	7%	93.08%	81.13%	100,000,000	0	0.00%	39,070	10.85	26.00%	56.60%
1/26/2019	165	7%	92.73%	81.82%	100,000,000	0	0.00%	35,786	9.94	26.09%	58.18%
1/27/2019	171	7%	92.98%	84.21%	100,000,000	0	0.00%	36,584	10.16	28.02%	57.90%
1/28/2019	177	7%	93.22%	86.44%	100,000,000	0	0.00%	37,670	10.46	29.86%	62.71%
1/28/2019	177	7%	93.22%	86.44%	200,000,000	0	0.00%	77,548	21.54	29.86%	62.71%
1/29/2019	183	7%	92.90%	83.61%	100,000,000	0	0.00%	43,309	12.03	30.40%	62.30%
1/30/2019	189	7%	93.12%	85.71%	100,000,000	0	0.00%	47,404	13.17	30.12%	58.73%
1/31/2019	195	7%	92.82%	87.69%	100,000,000	0	0.00%	45,635	12.68	31.70%	61.54%
2/1/2019	201	7%	93.53%	91.05%	100,000,000	0	0.00%	46,711	12.98	34.47%	62.69%
2/2/2019	207	7%	93.24%	82.61%	100,000,000	0	0.00%	45,112	12.53	31.06%	57.97%
2/3/2019	213	7%	92.96%	88.73%	100,000,000	0	0.00%	46,498	12.92	34.69%	61.97%
2/4/2019	219	7%	93.15%	83.56%	100,000,000	0	0.00%	53,775	14.94	34.10%	60.27%
2/5/2019	213	7%	92.96%	88.73%	300,000,000	0	0.00%	177,887	49.41	34.69%	63.38%
2/6/2019	225	7%	92.89%	89.33%	100,000,000	0	0.00%	49,355	13.71	36.23%	62.67%
2/7/2019	231	7%	93.07%	79.22%	100,000,000	0	0.00%	50,329	13.98	34.32%	61.04%
2/8/2019	237	7%	92.83%	83.54%	100,000,000	0	0.00%	53,867	14.96	35.71%	60.76%
2/9/2019	333	4%	96.10%	91.89%	100,000,000	0	0.00%	74,740	20.76	48.90%	70.27%
2/10/2019	333	5%	95.20%	88.29%	100,000,000	0	0.00%	74,707	20.75	47.54%	67.57%
2/11/2019	243	7%	93.42%	87.65%	100,000,000	0	0.00%	54,945	15.26	39.82%	64.20%
2/12/2019	249	7%	93.17%	84.34%	100,000,000	0	0.00%	55,849	15.51	37.86%	63.86%
2/13/2019	255	7%	93.33%	84.71%	100,000,000	0	0.00%	66,325	18.42	38.39%	62.35%
2/14/2019	57	8%	92.98%	84.21%	100,000,036	1,324	0.00%	15,770	4.38	9.72%	63.16%
2/14/2019	57	8%	92.98%	84.21%	300,000,098	4,130	0.00%	45,602	12.67	9.72%	63.16%
2/15/2019	87	8%	91.95%	82.76%	100,000,000	0	0.00%	22,833	6.34	13.00%	55.17%
2/15/2019	87	8%	91.95%	82.76%	200,000,000	0	0.00%	44,780	12.44	13.00%	55.17%
2/16/2019	333	6%	94.29%	85.59%	100,000,000	0	0.00%	75,003	20.83	46.07%	67.57%
2/17/2019	333	7%	93.09%	82.88%	100,000,000	0	0.00%	74,536	20.70	45.24%	67.57%
2/18/2019	93	8%	92.47%	83.87%	100,000,000	0	0.00%	21,436	5.95	15.25%	58.07%
2/18/2019	99	8%	91.92%	75.76%	100,000,000	0	0.00%	22,481	6.24	13.99%	54.55%
2/20/2019	105	8%	92.38%	85.71%	100,000,000	0	0.00%	26,948	7.49	17.08%	57.14%
2/20/2019	105	8%	92.38%	85.71%	200,000,000	0	0.00%	53,063	14.74	17.08%	57.14%

Date	Len	Sdiff	Actual Similarities			Matches		Duration		Similarity at Abandonment	
			Ns	AAs	Trials	Number	Percent	Seconds	Hours	Average	Maximum
2/21/2019	111	8%	91.89%	81.08%	100,000,000	0	0.00%	27,870	7.74	18.58%	56.76%
2/21/2019	111	8%	91.89%	81.08%	200,000,000	0	0.00%	54,930	15.26	18.58%	56.76%
2/22/2019	117	8%	92.31%	82.05%	100,000,000	0	0.00%	29,708	8.25	18.42%	56.41%
2/22/2019	117	8%	92.31%	82.05%	200,000,000	0	0.00%	58,368	16.21	18.42%	56.41%
2/23/2019	261	7%	93.10%	83.91%	100,000,000	0	0.00%	57,382	15.94	39.53%	64.37%
2/24/2019	267	7%	93.26%	85.39%	100,000,000	0	0.00%	58,647	16.29	39.87%	64.05%
2/25/2019	327	7%	93.58%	83.49%	100,000,000	0	0.00%	72,052	20.01	43.84%	65.14%
2/26/2019	123	8%	91.87%	85.37%	100,000,000	0	0.00%	33,383	9.27	21.06%	58.54%
2/27/2019	129	8%	92.25%	86.05%	100,000,000	0	0.00%	35,458	9.85	19.54%	55.81%
2/28/2019	135	8%	91.85%	86.67%	100,000,000	0	0.00%	35,975	9.99	21.92%	57.78%
3/1/2019	141	8%	92.20%	80.85%	100,000,000	0	0.00%	38,103	10.58	21.79%	55.32%
3/2/2019	321	7%	93.15%	84.11%	100,000,000	0	0.00%	73,748	20.49	44.07%	66.36%
3/3/2019	147	8%	91.84%	79.59%	100,000,000	0	0.00%	33,263	9.24	23.24%	55.10%
3/4/2019	315	7%	93.02%	87.62%	100,000,000	0	0.00%	69,862	19.41	45.14%	66.67%
3/5/2019	153	8%	92.16%	80.39%	100,000,000	0	0.00%	34,700	9.64	24.00%	56.86%
3/6/2019	159	8%	91.82%	83.02%	100,000,000	0	0.00%	39,794	11.05	26.49%	60.38%
3/7/2019	165	8%	92.73%	85.46%	100,000,000	0	0.00%	42,470	11.80	26.25%	56.36%
3/8/2019	171	8%	91.81%	85.97%	100,000,000	0	0.00%	44,889	12.47	28.74%	63.16%
3/9/2019	309	7%	93.53%	88.35%	100,000,000	0	0.00%	75,501	20.97	45.71%	67.96%
3/10/2019	303	7%	93.07%	84.16%	100,000,000	0	0.00%	68,748	19.10	42.09%	63.37%
3/11/2019	297	7%	92.93%	87.88%	100,000,000	0	0.00%	66,340	18.43	43.52%	65.66%
3/12/2019	177	8%	92.09%	76.27%	100,000,000	0	0.00%	45,464	12.63	26.19%	55.93%
3/13/2019	183	8%	91.80%	83.61%	100,000,000	0	0.00%	45,826	12.73	29.54%	60.66%
3/14/2019	189	8%	92.06%	79.37%	100,000,000	0	0.00%	40,616	11.28	29.85%	58.73%
3/19/2019	195	8%	92.31%	83.08%	100,000,000	0	0.00%	46,024	12.78	30.28%	60.00%
3/20/2019	201	8%	92.04%	82.09%	100,000,000	0	0.00%	47,543	13.21	31.46%	61.19%
3/21/2019	207	8%	91.79%	85.51%	100,000,000	0	0.00%	49,682	13.80	32.61%	62.32%
3/22/2019	213	8%	92.02%	84.51%	100,000,000	0	0.00%	55,665	15.46	33.34%	61.97%
3/23/2019	291	7%	93.47%	83.51%	100,000,000	0	0.00%	68,164	18.93	41.48%	64.95%
3/24/2019	285	7%	92.98%	86.32%	100,000,000	0	0.00%	64,514	17.92	42.43%	66.32%
3/25/2019	279	7%	92.83%	84.95%	100,000,000	0	0.00%	63,316	17.59	40.89%	65.59%
3/26/2019	219	8%	91.78%	82.19%	100,000,000	0	0.00%	53,850	14.96	32.94%	60.27%

Date	Len	Sdiff	Actual Similarities			Matches		Duration		Similarity at Abandonment	
			Ns	AAs	Trials	Number	Percent	Seconds	Hours	Average	Maximum
3/27/2019	225	8%	92.44%	82.67%	100,000,000	0	0.00%	62,591	17.39	34.87%	61.33%
3/28/2019	231	8%	92.21%	84.42%	100,000,000	0	0.00%	52,773	14.66	36.69%	63.64%
3/29/2019	237	8%	92.41%	84.81%	100,000,000	0	0.00%	56,468	15.69	36.86%	62.03%
3/30/2019	273	7%	93.41%	86.81%	100,000,000	0	0.00%	59,415	16.50	40.68%	64.84%
3/31/2019	333	8%	91.89%	81.98%	100,000,000	0	0.00%	71,001	19.72	44.47%	64.87%
4/1/2019	327	8%	92.05%	81.65%	100,000,000	0	0.00%	70,418	19.56	43.92%	65.14%
4/2/2019	243	8%	92.18%	80.25%	100,000,000	0	0.00%	56,924	15.81	35.71%	60.49%
4/3/2019	249	8%	92.37%	87.95%	100,000,000	0	0.00%	60,057	16.68	39.67%	65.06%
4/4/2019	255	8%	92.16%	81.18%	100,000,000	0	0.00%	64,244	17.85	37.22%	61.18%
4/6/2019	261	8%	92.34%	83.91%	100,000,000	0	0.00%	56,660	15.74	37.82%	62.07%
4/7/2019	321	8%	91.90%	82.24%	100,000,000	0	0.00%	69,296	19.25	43.28%	64.49%
4/8/2019	267	8%	92.14%	82.02%	100,000,000	0	0.00%	60,403	16.78	38.75%	64.05%
4/9/2019	315	8%	92.38%	80.95%	100,000,000	0	0.00%	73,670	20.46	43.79%	65.71%
4/10/2019	273	8%	92.31%	83.52%	100,000,000	0	0.00%	65,254	18.13	38.95%	65.93%
4/11/2019	57	9%	91.23%	84.21%	100,000,017	657	0.00%	14,938	4.15	8.05%	52.63%
4/11/2019	57	9%	91.23%	84.21%	400,000,056	2,744	0.00%	57,651	16.01	8.05%	57.90%
4/12/2019	63	9%	90.48%	76.19%	100,000,000	0	0.00%	15,338	4.26	9.40%	57.14%
4/12/2019	63	9%	90.48%	76.19%	300,000,000	0	0.00%	44,988	12.50	9.40%	57.14%
4/13/2019	69	9%	91.30%	78.26%	100,000,000	0	0.00%	15,593	4.33	10.53%	56.52%
4/13/2019	69	9%	91.30%	78.26%	200,000,000	0	0.00%	31,092	8.64	10.53%	56.52%
4/14/2019	309	8%	91.91%	81.55%	100,000,000	0	0.00%	66,680	18.52	42.96%	66.02%
4/15/2019	303	8%	92.08%	81.19%	100,000,000	0	0.00%	65,178	18.11	41.01%	63.37%
4/16/2019	75	9%	90.67%	72.00%	100,000,000	0	0.00%	19,238	5.34	11.85%	60.00%
4/16/2019	75	9%	90.67%	72.00%	300,000,000	0	0.00%	56,350	15.65	11.85%	60.00%
4/17/2019	81	9%	91.36%	81.48%	100,000,000	0	0.00%	20,929	5.81	11.56%	51.85%
4/17/2019	81	9%	91.36%	81.48%	200,000,000	0	0.00%	40,993	11.39	11.55%	55.56%
4/18/2019	87	9%	90.81%	86.21%	100,000,004	4	0.00%	23,678	6.58	13.43%	55.17%
4/18/2019	87	9%	90.81%	86.21%	200,000,006	6	0.00%	46,665	12.96	13.43%	55.17%
4/19/2019	93	9%	91.40%	77.42%	100,000,000	0	0.00%	32,119	8.92	13.35%	51.61%
4/23/2019	99	9%	90.91%	78.79%	100,000,000	0	0.00%	23,539	6.54	15.73%	54.55%
4/23/2019	99	9%	90.91%	78.79%	200,000,000	0	0.00%	46,579	12.94	57.73%	57.58%
4/24/2019	105	9%	91.43%	80.00%	100,000,000	0	0.00%	25,214	7.00	16.57%	54.29%

Date	Len	Sdiff	Actual Similarities			Matches		Duration		Similarity at Abandonment	
			Ns	AAs	Trials	Number	Percent	Seconds	Hours	Average	Maximum
4/24/2019	105	9%	91.43%	80.00%	200,000,000	0	0.00%	49,825	13.84	16.57%	54.29%
4/25/2019	111	9%	90.99%	86.49%	100,000,000	0	0.00%	27,215	7.56	18.64%	59.46%
4/26/2019	111	9%	90.99%	86.49%	500,000,000	0	0.00%	133,264	37.02	18.64%	59.46%
4/27/2019	297	8%	92.26%	81.82%	100,000,000	0	0.00%	66,170	18.38	41.51%	63.64%
4/28/2019	291	8%	92.10%	87.63%	100,000,000	0	0.00%	66,789	18.55	43.64%	65.98%
4/29/2019	285	8%	91.93%	84.21%	100,000,000	0	0.00%	64,143	17.82	42.00%	64.21%
4/30/2019	117	9%	90.60%	84.62%	100,000,000	0	0.00%	29,819	8.28	17.94%	53.85%
5/1/2019	123	9%	91.06%	78.05%	100,000,000	0	0.00%	33,879	9.41	19.45%	58.54%
5/2/2019	129	9%	91.47%	83.72%	100,000,000	0	0.00%	30,187	8.39	21.15%	58.14%
5/3/2019	135	9%	91.11%	84.44%	100,000,000	0	0.00%	32,837	9.12	22.23%	57.78%
5/4/2019	279	8%	92.47%	81.72%	100,000,000	0	0.00%	60,798	16.89	39.73%	62.37%
5/5/2019	333	9%	91.29%	81.98%	100,000,000	0	0.00%	72,135	20.04	43.98%	64.87%
5/6/2019	327	9%	91.44%	83.49%	100,000,000	0	0.00%	71,369	19.82	45.03%	66.97%
5/7/2019	141	9%	91.49%	78.72%	100,000,000	0	0.00%	38,685	10.75	22.27%	55.32%
5/8/2019	147	9%	91.16%	77.55%	100,000,000	0	0.00%	33,907	9.42	23.43%	59.18%
5/9/2019	153	9%	91.50%	86.28%	100,000,000	0	0.00%	33,405	9.28	25.28%	60.78%
5/10/2019	159	9%	91.20%	79.25%	100,000,000	0	0.00%	36,263	10.07	24.65%	56.60%
5/11/2019	321	9%	90.97%	80.37%	100,000,000	0	0.00%	71,496	19.86	41.99%	62.62%
5/12/2019	315	9%	91.11%	80.00%	100,000,000	0	0.00%	69,388	19.27	42.49%	63.81%
5/13/2019	165	9%	90.91%	81.82%	100,000,000	0	0.00%	36,131	10.04	26.49%	58.18%
5/14/2019	171	9%	91.23%	84.21%	100,000,000	0	0.00%	38,399	10.67	27.67%	57.90%
5/15/2019	309	9%	90.94%	81.55%	100,000,000	0	0.00%	69,401	19.28	42.79%	65.05%
5/16/2019	177	9%	90.96%	77.97%	100,000,000	0	0.00%	44,442	12.35	28.21%	59.32%
5/18/2019	303	9%	91.09%	81.19%	100,000,000	0	0.00%	65,465	18.18	41.22%	64.36%
5/19/2019	297	9%	90.91%	85.86%	100,000,000	0	0.00%	64,311	17.86	43.70%	69.70%
5/20/2019	333	10%	90.09%	80.18%	100,000,000	0	0.00%	88,308	24.53	43.65%	64.87%
5/21/2019	183	9%	91.26%	77.05%	100,000,000	0	0.00%	43,898	12.19	27.83%	57.38%
5/22/2019	189	9%	91.01%	80.95%	100,000,000	0	0.00%	44,716	12.42	29.87%	58.73%
5/23/2019	189	9%	91.01%	80.95%	300,000,000	0	0.00%	133,954	37.21	29.87%	60.32%
5/24/2019	195	9%	91.28%	84.62%	100,000,000	0	0.00%	45,815	12.73	30.83%	60.00%
5/25/2019	291	9%	91.07%	80.41%	100,000,000	0	0.00%	62,650	17.40	41.56%	63.92%
5/26/2019	285	9%	91.58%	80.00%	100,000,000	0	0.00%	61,848	17.18	39.99%	64.21%

Date	Len	Sdiff	Actual Similarities			Matches		Duration		Similarity at Abandonment	
			Ns	AAs	Trials	Number	Percent	Seconds	Hours	Average	Maximum
5/27/2019	279	9%	91.40%	78.50%	100,000,000	0	0.00%	60,125	16.70	38.93%	62.37%
5/28/2019	327	10%	90.21%	82.57%	100,000,000	0	0.00%	70,062	19.46	43.61%	63.30%
5/29/2019	273	9%	90.84%	81.32%	100,000,000	0	0.00%	58,639	16.29	39.06%	65.93%
5/30/2019	201	9%	91.05%	83.58%	100,000,000	0	0.00%	45,372	12.60	32.80%	61.19%
5/31/2019	207	9%	90.82%	82.61%	100,000,000	0	0.00%	51,764	14.38	31.50%	59.42%
6/1/2019	321	10%	90.03%	81.31%	100,000,000	0	0.00%	73,015	20.28	42.99%	64.49%
6/2/2019	315	10%	90.48%	76.19%	100,000,000	0	0.00%	74,166	20.60	39.42%	60.95%
6/4/2019	213	9%	91.08%	84.51%	100,000,000	0	0.00%	54,981	15.27	34.30%	63.38%
6/5/2019	219	9%	91.32%	83.56%	100,000,000	0	0.00%	57,308	15.92	34.67%	61.64%
6/6/2019	225	9%	91.11%	81.33%	100,000,000	0	0.00%	57,478	15.97	34.23%	62.67%
6/7/2019	231	9%	90.91%	79.22%	100,000,000	0	0.00%	58,495	16.25	35.35%	61.04%
6/8/2019	309	10%	90.29%	76.70%	100,000,000	0	0.00%	80,935	22.48	39.57%	61.17%
6/11/2019	237	9%	91.14%	79.75%	100,000,000	0	0.00%	56,545	15.71	35.33%	60.76%
6/12/2019	237	9%	91.14%	79.75%	200,000,000	0	0.00%	113,168	31.44	35.33%	63.29%
6/13/2019	111	10%	90.09%	81.08%	100,000,000	0	0.00%	24,753	6.88	16.69%	56.76%
6/18/2019	243	9%	90.95%	81.48%	100,000,000	0	0.00%	64,094	17.80	35.22%	61.73%
6/19/2019	117	10%	89.74%	84.62%	100,000,000	0	0.00%	30,013	8.34	20.08%	56.41%
6/20/2019	123	10%	90.24%	82.93%	100,000,000	0	0.00%	30,713	8.53	20.10%	56.10%
6/21/2019	105	10%	89.52%	77.14%	100,000,000	0	0.00%	23,367	6.49	17.16%	60.00%
6/21/2019	105	10%	89.52%	77.14%	100,000,000	0	0.00%	46,584	12.94	17.16%	60.00%
6/22/2019	57	10%	89.47%	73.68%	100,000,001	1	0.00%	13,446	3.74	8.42%	57.90%
6/22/2019	57	10%	89.47%	73.68%	300,000,010	10	0.00%	40,268	11.19	8.42%	57.90%
6/23/2019	303	10%	90.10%	77.23%	100,000,000	0	0.00%	69,105	19.20	39.64%	62.38%
6/23/2019	63	10%	90.48%	76.19%	100,000,001	1	0.00%	14,756	4.10	10.79%	61.91%
6/24/2019	249	9%	91.16%	84.34%	100,000,000	0	0.00%	55,422	15.40	37.23%	61.45%
6/25/2019	201	10%	90.55%	77.61%	100,000,000	0	0.00%	50,052	13.90	30.32%	58.21%
6/26/2019	207	10%	89.85%	78.26%	100,000,000	0	0.00%	49,433	13.73	31.10%	59.42%
6/27/2019	213	10%	90.61%	77.46%	100,000,000	0	0.00%	51,965	14.43	32.51%	60.56%
6/28/2019	219	10%	89.95%	76.71%	100,000,000	0	0.00%	55,622	15.45	32.69%	58.90%
6/29/2019	129	10%	89.92%	74.42%	100,000,000	0	0.00%	28,457	7.90	18.67%	53.49%
6/30/2019	297	10%	89.90%	80.81%	100,000,000	0	0.00%	64,166	17.82	41.17%	66.67%
7/1/2019	291	10%	90.72%	80.41%	100,000,000	0	0.00%	62,624	17.40	40.00%	62.89%

Date	Len	Sdiff	Actual Similarities			Matches		Duration		Similarity at Abandonment	
			Ns	AAs	Trials	Number	Percent	Seconds	Hours	Average	Maximum
7/2/2019	225	10%	90.67%	76.00%	100,000,000	0	0.00%	56,030	15.56	32.38%	58.67%
7/3/2019	231	10%	90.04%	77.92%	100,000,000	0	0.00%	60,588	16.83	33.50%	59.74%
7/4/2019	267	9%	91.01%	78.65%	100,000,000	0	0.00%	57,795	16.05	37.11%	60.67%
7/5/2019	261	9%	91.57%	80.46%	100,000,000	0	0.00%	57,105	15.86	37.87%	62.07%
7/6/2019	255	9%	90.98%	82.35%	100,000,000	0	0.00%	55,764	15.49	38.34%	63.53%
7/7/2019	285	10%	89.83%	75.79%	100,000,000	0	0.00%	62,599	17.39	38.04%	60.00%
7/7/2019	69	10%	89.85%	73.91%	100,000,000	0	0.00%	16,052	4.46	9.20%	56.52%
7/8/2019	237	10%	90.72%	77.22%	100,000,000	0	0.00%	52,156	14.49	34.31%	59.49%
7/9/2019	135	10%	89.63%	77.78%	100,000,000	0	0.00%	30,731	8.54	20.63%	55.56%
7/10/2019	141	10%	90.07%	80.85%	100,000,000	0	0.00%	34,973	9.71	22.10%	57.45%
7/11/2019	195	10%	90.26%	81.54%	100,000,000	0	0.00%	48,061	13.35	28.83%	58.46%
7/12/2019	189	10%	90.48%	82.54%	100,000,000	0	0.00%	67,300	18.69	30.47%	61.91%
7/12/2019	195	10%	90.26%	81.54%	200,000,000	0	0.00%	122,042	33.90	28.83%	58.46%
7/13/2019	183	10%	90.71%	80.33%	100,000,000	0	0.00%	41,116	11.42	28.18%	57.38%
7/14/2019	279	10%	90.68%	79.57%	100,000,000	0	0.00%	63,251	17.57	38.14%	61.29%
7/15/2019	273	10%	90.11%	86.81%	100,000,000	0	0.00%	71,635	19.90	40.78%	64.84%
7/16/2019	267	10%	90.26%	77.53%	100,000,000	0	0.00%	91,679	25.47	36.85%	62.92%
7/17/2019	261	10%	90.42%	81.61%	100,000,000	0	0.00%	71,873	19.96	38.20%	64.37%
7/18/2019	255	10%	89.80%	82.35%	100,000,000	0	0.00%	68,214	18.95	37.32%	61.18%
7/19/2019	249	10%	89.96%	81.93%	100,000,000	0	0.00%	69,075	19.19	37.38%	62.65%
7/20/2019	243	10%	90.12%	79.01%	100,000,000	0	0.00%	68,315	18.98	35.13%	61.73%
7/20/2019	177	10%	89.83%	77.97%	100,000,000	0	0.00%	47,051	13.07	26.95%	57.63%
7/21/2019	171	10%	90.06%	80.70%	100,000,000	0	0.00%	46,119	12.81	27.90%	61.40%
7/22/2019	165	10%	90.30%	80.00%	100,000,000	0	0.00%	46,012	12.78	25.27%	58.18%
7/23/2019	159	10%	89.94%	77.36%	100,000,000	0	0.00%	52,054	14.46	24.13%	58.49%
7/24/2019	153	10%	90.20%	78.43%	100,000,000	0	0.00%	47,055	13.07	24.53%	56.86%
7/25/2019	147	10%	90.48%	81.63%	100,000,000	0	0.00%	45,014	12.50	23.79%	57.14%
7/26/2019	99	10%	89.90%	72.73%	100,000,000	0	0.00%	32,078	8.91	14.65%	54.55%
7/26/2019	99	10%	89.90%	72.73%	200,000,000	0	0.00%	63,117	17.53	14.65%	54.55%
7/27/2019	93	10%	90.32%	80.65%	100,000,000	0	0.00%	30,005	8.33	14.72%	58.07%
7/27/2019	93	10%	90.32%	80.65%	300,000,000	0	0.00%	89,050	24.74	14.72%	58.07%
7/28/2019	87	10%	89.66%	79.31%	100,000,000	0	0.00%	28,873	8.02	13.56%	56.17%

Date	Len	Sdiff	Actual Similarities			Matches		Duration		Similarity at Abandonment	
			Ns	AAs	Trials	Number	Percent	Seconds	Hours	Average	Maximum
7/28/2019	87	10%	89.66%	79.31%	200,000,000	0	0.00%	56,941	15.82	13.56%	56.17%
7/29/2019	81	10%	90.12%	74.07%	100,000,000	0	0.00%	26,300	7.31	13.42%	59.26%
7/29/2019	81	10%	90.12%	74.07%	300,000,000	0	0.00%	78,825	21.90	13.42%	59.26%
7/30/2019	339	2%	97.94%	96.46%	100,000,001	1	0.00%	109,262	30.35	51.82%	70.80%
8/1/2019	339	3%	97.35%	94.69%	100,000,000	0	0.00%	107,528	29.87	50.84%	71.68%
8/4/2019	339	4%	95.87%	90.27%	100,000,000	0	0.00%	107,258	29.79	48.06%	68.14%
8/4/2019	339	4%	95.87%	90.27%	200,000,000	0	0.00%	215,300	59.81	48.06%	69.08%
8/6/2019	339	5%	94.99%	88.50%	100,000,000	0	0.00%	106,153	29.49	47.06%	67.26%
8/9/2019	339	6%	94.10%	84.96%	100,000,000	0	0.00%	110,613	30.73	46.97%	69.91%
8/13/2019	339	7%	92.92%	84.96%	100,000,000	0	0.00%	118,020	32.78	46.14%	68.14%
8/15/2019	339	8%	92.33%	83.19%	100,000,000	0	0.00%	104,818	29.12	45.74%	66.37%
8/16/2019	339	9%	90.85%	77.88%	100,000,000	0	0.00%	108,018	30.01	42.95%	63.72%
8/18/2019	339	10%	90.27%	81.42%	100,000,000	0	0.00%	131,893	36.64	44.12%	64.60%
8/20/2019	345	1%	99.13%	98.26%	100,000,007	431	0.00%	112,644	31.29	53.15%	73.91%
8/22/2019	345	2%	97.97%	95.65%	100,000,000	0	0.00%	107,584	29.88	51.54%	73.04%
8/23/2019	345	3%	97.10%	92.17%	100,000,000	0	0.00%	111,156	30.88	49.55%	69.57%
8/24/2019	345	4%	95.94%	92.17%	100,000,000	0	0.00%	105,918	29.42	49.42%	69.57%
8/27/2019	345	5%	95.07%	91.30%	100,000,000	0	0.00%	108,112	30.03	49.89%	72.17%
8/28/2019	345	6%	93.91%	84.35%	100,000,000	0	0.00%	107,928	29.98	46.41%	66.09%
8/30/2019	345	7%	93.04%	85.22%	100,000,000	0	0.00%	106,725	29.65	46.41%	66.09%
9/1/2019	345	8%	92.46%	82.61%	100,000,000	0	0.00%	126,822	35.23	45.56%	65.22%
9/2/2019	345	9%	91.30%	81.74%	100,000,000	0	0.00%	106,370	29.55	44.85%	65.22%
9/4/2019	345	10%	90.15%	82.61%	100,000,000	0	0.00%	118,317	32.87	45.96%	66.96%
9/10/2019	351	1%	98.86%	97.44%	100,000,003	3	0.00%	108,108	30.03	52.64%	71.80%
9/13/2019	357	1%	98.88%	96.64%	100,000,000	0	0.00%	113,173	31.44	52.78%	71.43%
9/15/2019	363	1%	98.90%	98.35%	100,000,009	473	0.00%	123,160	34.21	55.23%	75.21%
9/16/2019	363	1%	98.90%	98.35%	200,000,006	918	0.00%	241,824	67.17	55.23%	75.21%
9/19/2019	369	1%	98.92%	96.75%	100,000,000	0	0.00%	105,189	29.22	54.72%	73.17%
9/22/2019	375	1%	98.93%	96.80%	100,000,000	0	0.00%	108,821	30.23	54.60%	73.60%
9/22/2019	375	1%	98.93%	96.80%	200,000,000	0	0.00%	220,050	61.13	54.60%	73.60%
9/24/2019	381	1%	98.95%	97.64%	100,000,000	0	0.00%	113,412	31.50	56.16%	74.02%
9/30/2019	387	1%	98.97%	96.90%	100,000,000	0	0.00%	117,184	32.55	55.82%	73.64%

Date	Len	Sdiff	Actual Similarities			Matches		Duration		Similarity at Abandonment	
			Ns	AAs	Trials	Number	Percent	Seconds	Hours	Average	Maximum
10/4/2019	393	1%	98.98%	98.47%	100,000,013	653	0.00%	119,659	33.24	56.80%	76.34%
10/7/2019	399	1%	99.00%	97.74%	100,000,001	1	0.00%	123,234	34.23	56.79%	74.44%
10/9/2019	405	1%	99.01%	97.04%	100,000,000	0	0.00%	128,965	35.82	56.52%	76.30%
10/11/2019	411	1%	99.03%	97.81%	100,000,003	3	0.00%	134,426	37.34	56.92%	74.45%
10/13/2019	417	1%	99.04%	97.84%	100,000,001	1	0.00%	130,878	36.36	58.31%	74.82%
10/14/2019	423	1%	99.05%	97.16%	100,000,000	0	0.00%	131,337	36.48	58.19%	77.31%
10/16/2019	429	1%	99.07%	97.20%	100,000,000	0	0.00%	133,909	37.20	58.22%	75.52%
10/18/2019	435	1%	99.08%	97.24%	100,000,000	0	0.00%	132,561	36.82	59.75%	76.55%
10/19/2019	441	1%	99.09%	97.28%	100,000,000	0	0.00%	131,683	36.58	59.43%	76.87%
10/23/2019	447	1%	99.11%	97.99%	100,000,000	0	0.00%	143,167	39.77	60.28%	77.18%
10/25/2019	453	1%	98.90%	96.69%	100,000,000	0	0.00%	139,873	38.85	60.05%	76.16%
10/27/2019	459	1%	98.91%	96.73%	100,000,000	0	0.00%	145,554	40.43	59.91%	75.16%
10/29/2019	465	1%	98.93%	97.42%	100,000,000	0	0.00%	157,321	43.70	61.63%	77.42%
10/31/2019	471	1%	98.94%	98.09%	100,000,000	0	0.00%	158,134	43.93	61.75%	78.34%
11/2/2019	477	1%	98.95%	96.86%	100,000,000	0	0.00%	163,135	45.32	61.18%	76.73%
11/4/2019	483	1%	98.97%	98.76%	100,000,007	199	0.00%	165,288	45.91	62.47%	78.88%
11/6/2019	489	1%	98.98%	97.55%	100,000,000	0	0.00%	160,145	44.48	62.14%	77.30%
11/9/2019	495	1%	98.99%	97.58%	100,000,000	0	0.00%	157,165	43.66	62.88%	77.58%
11/11/2019	501	1%	99.00%	97.61%	100,000,000	0	0.00%	157,391	43.72	63.40%	78.44%
11/14/2019	351	2%	98.01%	96.58%	100,000,000	0	0.00%	108,767	30.21	52.82%	72.65%
11/16/2019	357	2%	98.04%	94.96%	100,000,000	0	0.00%	104,269	28.96	51.82%	72.27%
11/18/2019	363	2%	98.07%	95.04%	100,000,000	0	0.00%	110,240	30.62	52.07%	70.25%
11/19/2019	369	2%	98.10%	95.94%	100,000,000	0	0.00%	110,454	30.68	54.70%	73.98%
11/21/2019	375	2%	97.87%	94.40%	100,000,000	0	0.00%	116,055	32.24	53.63%	73.60%
11/23/2019	381	2%	97.90%	96.06%	100,000,000	0	0.00%	116,273	32.30	54.79%	74.80%
11/27/2019	387	2%	97.93%	94.57%	100,000,000	0	0.00%	116,572	32.38	53.95%	72.09%
11/28/2019	393	2%	97.96%	94.66%	100,000,000	0	0.00%	120,837	33.57	55.45%	74.05%
11/30/2019	393	2%	97.96%	94.66%	200,000,000	0	0.00%	241,122	66.98	55.45%	74.05%
12/1/2019	393	2%	97.96%	94.66%	300,000,000	0	0.00%	361,683	100.47	55.45%	74.05%
12/3/2019	399	2%	98.00%	96.24%	100,000,000	0	0.00%	124,016	34.45	56.04%	74.44%
12/5/2019	405	2%	98.02%	94.82%	100,000,000	0	0.00%	127,752	35.49	55.94%	73.33%
12/6/2019	411	2%	98.05%	94.16%	100,000,000	0	0.00%	126,333	35.09	55.68%	72.26%

Date	Len	Sdiff	Actual Similarities			Matches		Duration		Similarity at Abandonment	
			Ns	AAs	Trials	Number	Percent	Seconds	Hours	Average	Maximum
12/9/2019	417	2%	98.08%	95.68%	100,000,000	0	0.00%	129,159	35.88	57.63%	75.54%
12/11/2019	423	2%	98.11%	96.45%	100,000,000	0	0.00%	128,944	35.82	57.97%	75.18%
12/13/2019	429	2%	97.90%	94.41%	100,000,000	0	0.00%	137,169	38.10	56.77%	73.43%
12/15/2019	435	2%	97.93%	95.86%	100,000,000	0	0.00%	133,150	36.99	58.53%	75.17%
12/17/2019	441	2%	98.19%	97.28%	100,000,000	0	0.00%	139,254	38.68	59.56%	76.19%
12/19/2019	447	2%	97.99%	93.96%	100,000,000	0	0.00%	139,219	38.67	57.47%	74.50%
12/21/2019	453	2%	98.01%	94.04%	100,000,000	0	0.00%	140,857	39.13	58.59%	74.17%
12/23/2019	459	2%	98.04%	95.43%	100,000,000	0	0.00%	139,383	38.72	60.07%	76.47%
12/25/2019	465	2%	98.07%	96.13%	100,000,000	0	0.00%	142,171	39.49	60.45%	76.13%
12/27/2019	471	2%	98.30%	97.45%	100,000,000	0	0.00%	146,376	40.66	61.26%	77.71%
12/29/2019	477	2%	97.90%	95.60%	100,000,000	0	0.00%	148,091	41.14	60.57%	75.47%
12/31/2019	483	2%	97.93%	95.65%	100,000,000	0	0.00%	151,377	42.05	61.25%	77.02%
1/2/2020	489	2%	97.96%	94.48%	100,000,000	0	0.00%	146,621	40.73	60.95%	75.46%
1/4/2020	495	2%	97.98%	93.94%	100,000,000	0	0.00%	150,046	41.68	60.24%	75.76%
1/6/2020	501	2%	98.00%	96.41%	100,000,000	0	0.00%	155,569	43.21	62.38%	77.25%
1/9/2020	507	1%	99.01%	97.63%	100,000,000	0	0.00%	151,933	42.20	62.97%	78.11%
1/11/2020	513	1%	99.02%	97.08%	100,000,000	0	0.00%	155,354	43.15	62.71%	76.61%
1/13/2020	519	1%	99.04%	97.11%	100,000,000	0	0.00%	163,097	45.30	63.08%	76.88%
1/15/2020	525	1%	99.05%	97.71%	100,000,000	0	0.00%	161,398	44.83	64.86%	80.00%
1/17/2020	531	1%	99.06%	97.18%	100,000,000	0	0.00%	163,482	45.41	64.47%	80.23%
1/20/2020	537	1%	99.07%	98.88%	100,000,000	184	0.00%	178,869	49.69	66.09%	79.33%
1/22/2020	543	1%	99.08%	97.24%	100,000,000	0	0.00%	169,076	46.97	65.30%	79.56%
1/24/2020	549	1%	99.09%	97.81%	100,000,000	0	0.00%	169,572	47.10	65.46%	79.78%
1/26/2020	555	1%	98.92%	97.84%	100,000,000	0	0.00%	173,991	48.33	65.37%	78.92%
1/29/2020	561	1%	98.93%	99.47%	100,000,254	103,374	0.10%	175,544	48.76	67.05%	80.21%
1/31/2020	567	1%	98.94%	97.88%	100,000,000	0	0.00%	178,417	49.56	66.25%	79.37%
2/17/2020	573	1%	98.95%	97.38%	100,000,000	0	0.00%	180,798	50.22	66.25%	79.58%
2/19/2020	579	1%	98.96%	97.41%	100,000,000	0	0.00%	184,688	51.30	66.03%	78.76%
3/1/2020	585	1%	98.97%	96.92%	100,000,000	0	0.00%	187,400	52.06	66.82%	79.49%
3/4/2020	591	1%	98.99%	98.48%	100,000,000	0	0.00%	190,862	53.02	66.76%	80.20%
3/6/2020	597	1%	99.00%	97.99%	100,000,000	0	0.00%	200,033	55.56	68.41%	80.91%
3/11/2020	603	1%	99.01%	97.51%	100,000,000	0	0.00%	198,996	55.28	67.46%	80.10%

Date	Len	Sdiff	Actual Similarities		Trials	Matches		Duration		Similarity at Abandonment	
			Ns	AAs		Number	Percent	Seconds	Hours	Average	Maximum

Len: number of nucleotide elements in the source and target sequences.

Sdiff: specified percentage by which source and target nucleotide sequences should differ.

Actual Similarities (Ns and AAs) : as the specified percentage rounds to whole numbers, the actual similarity between target and source strings might vary.

Those similarities are calculated by dividing the number of differences by the length of respective nucleotide and amino acid sequences.

Trials: most trials consist of 100 mutations to the source nucleotide sequence and a comparison of the translated source to its target.

If a mutation results in a match it is immediately recorded.

If 100 mutations take place without a match, the actual similarity between the AA source and target is calculated and compared to the original value. If it exceeds a pre-specified threshold, then the trial is abandoned and a next one begins after a new randomized target is generated.

The pre-specified threshold can be fine-tuned so that a trial can be when the number of deleterious changes reaches the point where the probability of reversing them and making the beneficial changes is effectively zero.

The user can raise the the abandonment threshold if there is any fear that matches are being undercounted, but that will, of course, result in fewer trials overall.

The specified threshold should always be higher than the maximum similarity at abandonment.