Benchmark	time-ssh	Instructions	Rel to start	Rel to prev	Improvement
Midmark:	0:06.38	~35.51*10^9	1.000	1.000	start
Sandmark:	2:34.17	N/A	1.000	1.000	start
Advent:	0:56.91	N/A	1.000	1.000	start
Midmark:	0:03.40	~24.58*10^9	0.533	0.533	added O1
Sandmark:	1:25.23	N/A	0.552	0.552	added O1
Advent:	0:30.86	N/A	0.542	0.542	added O1
Midmark:	0:03.20	~25.06*10^9	0.502	0.941	added O2
Sandmark:	1:20.12	N/A	0.520	0.940	added O2
Advent:	0:28.32	N/A	0.498	0.918	added O2
Midmark:	0:01.90	~10.51*10^9	0.298	0.594	removed bitpack library
Sandmark:	0:48.15	N/A	0.312	0.601	removed bitpack library
Advent:	0:16.27	N/A	0.286	0.575	removed bitpack library
Midmark:	0:01.83	~10.15*10^9	0.287	0.963	combined files
Sandmark:	0:46.04	N/A	0.299	0.956	combined files
Advent:	0:15.41	N/A	0.270	0.947	combined files
Midmark:	0:00.24	~2.98*10^9	0.038	0.131	We rid our program of all Seq_T's and replaced them with c arrays
Sandmark:	0:05.30	N/A	0.034	0.115	We rid our program of all Seq_T's and replaced them with c arrays

Advent:	0:02.10	N/A	0.037	0.136	We rid our program of all Seq_T's and replaced them with c arrays

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notes: the halligan machine we used utilized the following

cpu info:
model name   : Intel(R) Core(TM) i7-6700 CPU @ 3.40GHz
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redhat-release:
Red Hat Enterprise Linux Workstation release 7.7 (Maipo)

gcc-version:
gcc (GCC) 9.1.0