

Target peak footprint	Actual peak footprint	# Suffix array blocks	Difference cover period	2-bit-per-base references	Build time
16 GB	14.40 GB	1	256	no	4h:56m
8 GB	4.70 GB	9	1024	no	5h:31m
4 GB	3.39 GB	34	4096	no	8h:07m
2 GB	1.39 GB	34	4096	yes	24h:09m

Table 1: Maximum virtual memory footprint and wall-clock running times for various configurations of the Bowtie index-building tool run on a single CPU of a server with a 1.8 Ghz AMD Opteron 875 processor and 32 GB of RAM. In all cases, the index produced is about 2.2 GB on disk. TODO: RECALCULATE ON PRIVET OR LARCH FOR CONSISTENCY.