

Software	Version	Download
Simka	1.3	https://gatb.inria.fr/software/simka/
Commet	1	https://github.com/pierrepeterlongo/commet
Metafast	0.1.0	https://github.com/ctlab/metafast
Mash	1.1	https://github.com/marbl/mash

Software	Command line
Simka (40 cores)	<code>./simka -in input.txt -out-tmp out-dir -nb-cores 40 -max-memory 100000 -max-count 20 -max-merge 30</code>
Commet	<code>python Commet.py input.txt</code>
Metafast	<code>./metafast.sh -k 31 -b 1 -w out-dir -i input</code>
Mash	<code>./mash sketch -p 40 -r -b 5G -k 31 -s 10000 -o outFilename input*</code>

Supplementary Table 1. Software descriptions and used command lines.