

Initial links from LM email:

NCSA Wiki

[MAKER \(https://wiki.ncsa.illinois.edu/pages/viewpage.action?spaceKey=pspinternal&title=MAKER\)](https://wiki.ncsa.illinois.edu/pages/viewpage.action?spaceKey=pspinternal&title=MAKER)

[MAKER install](https://wiki.ncsa.illinois.edu/display/pspinternal/MAKER+install%3A+January+2017%2C+then+update+November)

[Important Perl note \(https://wiki.ncsa.illinois.edu/pages/viewpage.action?pageId=46471695\)](https://wiki.ncsa.illinois.edu/display/pspinternal/MAKER+install%3A+January+2017%2C+then+update+November)

Usefull

[Usefull Winter School 2018 install notes from weatherby.genetics.utah.edu](http://weatherby.genetics.utah.edu)

[http://weatherby.genetics.utah.edu/MAKER/wiki/index.php/MAKER Tutorial for WGS Assembly and Annotation](http://weatherby.genetics.utah.edu/MAKER/wiki/index.php/MAKER_Tutorial_for_WGS_Assembly_and_Annotation)

Further research links: Build container, Install Maker

[GMOD \(http://gmod.org/wiki/Main_Page\)](http://gmod.org/wiki/Main_Page)

[GMOD Maker \(http://gmod.org/wiki/MAKER\)](http://gmod.org/wiki/MAKER)

[GMOD big happy happy Tutorial \(http://gmod.org/wiki/GMOD_Malaysia_2014/MAKER_Tutorial\)](http://gmod.org/wiki/GMOD_Malaysia_2014/MAKER_Tutorial)

Installs:

[Perl 5.8.0 += \(https://www.perl.org/get.html\)](https://www.perl.org/get.html)

[BioPerl 1.6 += \(https://bioperl.org/INSTALL.html\)](https://bioperl.org/INSTALL.html)

[\(GMOD BioPerl\) \(http://gmod.org/wiki/BioPerl\)](http://gmod.org/wiki/BioPerl)

Either OR

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[WU-BLAST 2.0 += \(http://genetics.bwh.harvard.edu/msblast/README.html#Installation\)](http://genetics.bwh.harvard.edu/msblast/README.html#Installation)

[WU-BLAST 2.0 ? \(http://blast.wustl.edu/\)](http://blast.wustl.edu/)

OR mo betta OPTION

[NCBI-BLAST 2.2 += \(https://www.ncbi.nlm.nih.gov/books/NBK279671/\)](https://www.ncbi.nlm.nih.gov/books/NBK279671/)

[repeatmasker dot org \(http://www.repeatmasker.org/\)](http://www.repeatmasker.org/)

[RepeatMasker \(https://supcom.hgc.jp/english/util_info/manual/RepeatMasker.html\)](https://supcom.hgc.jp/english/util_info/manual/RepeatMasker.html)

[Biostars RepeatMasker page \(https://www.biostars.org/p/286992/\)](https://www.biostars.org/p/286992/)

[RepeatMakers required library\(s\) \(https://www.girinst.org/replib/index.html\)](https://www.girinst.org/replib/index.html)

[Exonerate Perl? \(https://www.animalgenome.org/bioinfo/resources/manuals/exonerate/\)](https://www.animalgenome.org/bioinfo/resources/manuals/exonerate/)

Optional Extras:

[SNAP \(http://korflab.ucdavis.edu/software.html\)](http://korflab.ucdavis.edu/software.html)

[Augustus \(http://bioinf.uni-greifswald.de/augustus/\)](http://bioinf.uni-greifswald.de/augustus/)

[GeneMark S and -ES \(http://exon.biology.gatech.edu/GeneMark/\)](http://exon.biology.gatech.edu/GeneMark/)

[FGENESH \(http://www.softberry.com/\)](http://www.softberry.com/)

MPI Option:

[MPICH ? \(http://www.mpich.org/\)](http://www.mpich.org/)

Dockerfiles:

[dockerfiles \(https://github.com/GenomicParisCentre/dockerfiles\)](https://github.com/GenomicParisCentre/dockerfiles)

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