

Table 3: Details for supplements to the EBI Pipeline for genomes

Data	Program	Parameters or VEuPathDB GitHub repository	Version
EST alignments	BLAT	-nohead -maxIntron=1000 -t=dna -q=dna -dots=10	35
Open Reading Frames	orfFinder	--minPepLength 50 https://github.com/VEuPathDB/.../orfFinder	
Synteny	Mercator and MAVID	-p <PATH TO MERCATOR DIRECTORY> -t <tree string> -m <MAVID_EXE> -c <CNDSRC_DIR> -d draftGenome1... -d draftGemoneN -n nonDraftGeome1... -n nonDraftGenomeN -r referenceGenome https://github.com/VEuPathDB/.../runMercator	Mercator mapmaker 0.4 (2016-01-21) Mavid Version 2.0.4