#Installation and setup commands for SeqPig genomic analysis tool

#These are terminal shell commands

#cloudera environmental variables

$ export HADOOP\_HOME=/usr/lib/hadoop

$ export PIG\_HOME=/usr/lib/pig

#get source code

$ wget http://sourceforge.net/projects/seqpig/files/seqpig\_0.5.tar.gz

$ tar xvzf seqpig\_0.5.tar.gz

#changed seq\_pig home to match installation

$ export SEQPIG\_HOME=/home/biotools/seqpig

$ export PATH=${PATH}:${SEQPIG\_HOME}/bin

#type above in, or won’t recognize

#set java home for cloudera container

$ export JAVA\_HOME=jre-1.6.0-openjdk.x86\_64

#other JAVA\_HOME paths tried:

#/usr/jdk1.7.0\_67-cloudera

#/usr/lib/jvm/java-openjdk java --> class version errors

# java-1.6.0--> .../bin/java-->no such file or directory

# java-1.6.0-openjdk-1.6.0.38.x86\_64 --> .../bin/java-->no such file or directory

# java-1.6.0-openjdk.x86\_64--> ../bin/java-->no such file or directory

# java-openjdk--> ../bin/java-->no such file or directory

# jre-1.6.0-openjdk.x86\_64 --> this is recognized by hadoop (seemingly)

#Errors with ‘seqpig’ command:

#find: `/usr/lib/pig/contrib': No such file or directory

#Tried Seqpig with this Java Home: jre-1.7.0-openjdk.x86\_64

#export JAVA\_HOME= /usr/lib/jvm/jre-1.7.0-openjdk.x86\_64

#export HADOOP\_HOME=/usr/lib/hadoop-mapreduce

#Still errors with ‘seqpig’ command: #Errors with ‘seqpig’ command: find: `/usr/lib/pig/contrib': #No such file or directory