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#!/usr/local/bin/perl -w

use strict;
use warnings;

#für alle *.group Dateien wird ein CAP3 assembly durchgeführt

my($USAGE) = "$0 ***filename***\n";

unless (@ARGV) {
    print $USAGE;
    exit;}

my $filename = $ARGV[0];

unless (open(GET_DATA,$filename)) {
    print STDERR "Cannot open file\"$filename\"\n\n";
    exit;}

my $data='';
my $dir='';
my $outputfile='';
my $cap3='/project/seqsh/CAP3/CAP3/cap3';

while ($data = <GET_DATA>){

    $data =~ s/\s+//g;
    $dir = $data.".assembly_cap";
    $outputfile=$dir.".out";
    $data = $data.'.fasta';
    #$data='McF0001MGR-1A09bd1.ab1.group';
    #$dir='McF0001MGR-1A09bd1.ab1.assembly_cap';
    #$outputfile='McF0001MGR-1A09bd1.ab1.assembly_cap.out';
    system " $cap3 $data -c 15 -y 10 >$outputfile";
    #exit;

}#while

exit;

```