

GUIDANCE (version 1.5 - 2014, August 7) used in combination with the PRANK aligner (v.140603) contains a bug. This has to do with GUIDANCE changing the identifiers of the input fasta file to digits (>1, >2,..., >N). PRANK cannot deal with a fasta file containing (only?) sequences with single-digit identifiers, and throws an error:

```
> guidance.pl --program GUIDANCE --seqFile example.fa --seqType nuc --
msaProgram PRANK --MSA_Param "\+F \-codon" --outDir TEST
> "Input file starts with a digit but not with two positive digits. Reading
the file failed. Exiting."
```

(captured by Guidance in MSA.PRANK.aln.std, but this is reproducible by running PRANK independent of Guidance)

This bug is potentially dangerous, as PRANK does in fact produce an MSA file, but has not finished optimizing.

The issue can be circumvented by editing several lines of code in the file 'Guidance.pm':

```
line 1225:
OLD: # print $out_file ">$counter\n";
NEW: print $out_file ">$counter" . "_placeholder_to_prevent_PRANK_error\n";
#RvdL

line 1223:
OLD: print $code_file "$name\t$counter\n";
NEW:      print      $code_file      "$name\t$counter"      .
"_placeholder_to_prevent_PRANK_error\n"; #RvdL

line 1135:
OLD: if ($line=~/^>([0-9]+)/)
NEW: if ($line=~/^>([0-9]+_placeholder_to_prevent_PRANK_error)/) #RvdL
```