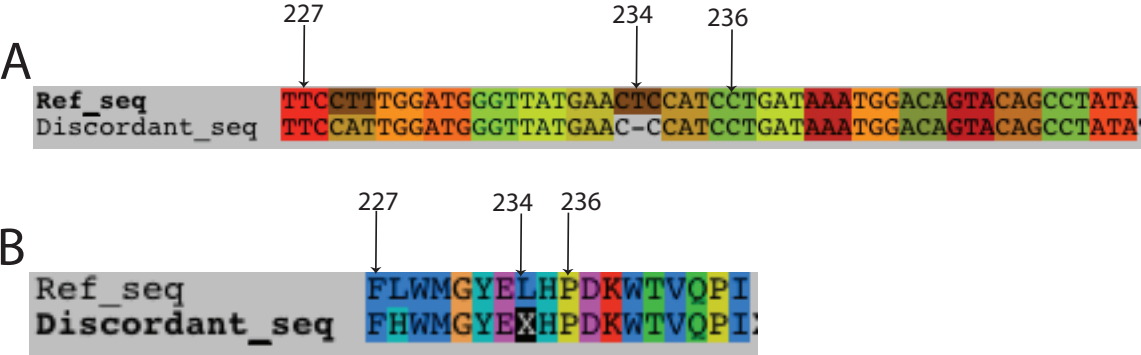


1) RAMICS



2) Sierra web service

