Threading the sequence onto the templates:

    partial_thread.macosclangrelease -in:file:fasta Bb.fasta -in:file:alignment
    EcTamATamB.grishin -in:file:template_pdb EcTamATamB.template.pdb

    partial_thread.macosclangrelease -in:file:fasta Bb.fasta -in:file:alignment
    BbBamA.grishin -in:file:template_pdb BbBamA.template.pdb

    partial_thread.macosclangrelease -in:file:fasta Bb.fasta -in:file:alignment
    BbTamB.grishin -in:file:template_pdb BbTamB.template.pdb

Building fragment libraries

    Rosetta/tools/fragment_tools/make_fragments.pl -verbose Bb.fasta -frag_sizes 3,9 -
    n_frags 200

Generating models

    rosetta_scripts.linuxgccrelease @flags

Relaxing models

    relax.linuxgccrelease @relax.flags