

Read PBG run parameters from file
'RGBparameters.txt'



Open file 'checkout.dat' for results output



Input library coordinates from the file
specified in the PBG run parameters



Input a pdb filename from the file specified in run parameters



Read target backbone coordinates from
the pdb/check for errors/calculates
the number of 9mers in the target



Set next 9mer as target for alignment



Set next library model for alignmet



Superimpose model to target ends coordinates



Superimpose model to whole target coordinates



Calculate RMSDs, clashes with target, and other properties



Last model ?



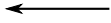
No

Yes



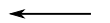
Last target coordinates ?

No



Last pdb in the list?

No



Yes



Write results



Finish

