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<ROSETTASCRIPTS>
<TASKOPERATIONS> You can control which parts you want to change from here
 <ProteinInterfaceDesign name="pido" repack_chain1="1" repack_chain2="1"</pre>
design_chain1="1" design_chain2="0" interface_distance_cutoff="10"/> task operation that
designates which residues are designable and repackable at the interface
 <ReadResfile name="rrf" filename="resfile" />
</TASKOPERATIONS>
<FILTERS> This part enables to output useful values for post-processing
  <Ddg name="ddG" scorefxn="REF2015" threshold="-15" repeats="2"/> binding energy
calculation; an average of two repeats is computed for better numerical accuracy
  <Sasa name="sasa" threshold="100"/> Buried surface area upon complex formation
  <Rmsd name="rmsd" confidence="0"/> confidence=0 means that the filter will be evaluated
but not used as an acceptance criterion
  CompoundStatement name="ddg_sasa"> combine filters into a single logical statement
   <AND filter name="ddG"/>
   <aND filter_name="sasa"/>
  </CompoundStatement>
</FILTERS>
<MOVERS>
  <Docking name="docking" score_high="soft_rep" fullatom="1" local_refine="1"/> Invokes
```

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<RepackMinimize name="des2" scorefxn_repack="REF2015" scorefxn_minimize="REF2015"</p>
minimize_bb="0" minimize_rb="1"/> Design and minimization at the interface
  <RepackMinimize name="des3" minimize_bb="1"/>
  <ParsedProtocol name="design">
   <Add mover name="des1"/>
   <Add mover name="des2"/>
   <Add mover name="des3"/>
   <Add mover name="backrub"/>
   <add mover_name="des3" filter_name="ddg_sasa"/>
  </ParsedProtocol>
  <GenericMonteCarlo name="iterate" scorefxn_name="REF2015" mover_name="design"</p>
trials="2"/> Iterate through design to find best solution. change trial numbers to higher for real
application.
</MOVERS>
<PROTOCOLS>
  <Add mover="docking"/>
  <Add mover="iterate"/>
  <Add filter="ddG"/>
  <Add filter="sasa"/>
  <Add filter="rmsd"/>
 </PROTOCOLS>
</ROSETTASCRIPTS>
```

- -s GJ_AB_mod.pdb
- -debug
- -ex1
- -ex2
- -extrachi_cutoff 5
- -ignore_unrecognized_res
- -nstruct 100
- -jd2:ntrials 3
- -parser:protocol flexbb_interfacedesign.xml
- -docking:no_filters