```xml
<ROSETTASCRIPTS>
  <SCOREFXNS>
    <ScoreFunction name="ligand_soft_rep"
weights="ligand_soft_rep"/>
    <ScoreFunction name="hard_rep"
            weights="ligandprime"/>
            </SCOREFXNS>
  <TASKOPERATIONS>
    <DetectProteinLigandInterface name="design_interface"
cut1="6.0" cut2="8.0" cut3="10.0" cut4="12.0" design="1"
resfile="mutations.resfile"/>
  </TASKOPERATIONS>
          <LIGAND_AREAS>
    <LigandArea name="docking_sidechain" chain="X"
cutoff="6.0" add_nbr_radius="true" all_atom_mode="true"
minimize_ligand="10"/>
    <LigandArea name="final_sidechain" chain="X"
cutoff="6.0" add_nbr_radius="true" all_atom_mode="true"/>
    <LigandArea name="final_backbone" chain="X"
cutoff="7.0" add_nbr_radius="false" all_atom_mode="true"
Calpha_restraints="0.3"/>
  </LIGAND_AREAS>
          <INTERFACE_BUILDERS>
    <InterfaceBuilder name="side_chain_for_docking"
ligand_areas="docking_sidechain"/>
    <InterfaceBuilder name="side_chain_for_final"
ligand_areas="final_sidechain"/>
    <InterfaceBuilder name="backbone"
ligand_areas="final_backbone" extension_window="3"/>
  </INTERFACE_BUILDERS>
          <MOVEMAP_BUILDERS>
                  <MoveMapBuilder name="docking"
sc_interface="side_chain_for_docking"
minimize_water="true"/>
    <MoveMapBuilder name="final"
sc_interface="side_chain_for_final"
bb_interface="backbone" minimize_water="true"/>
  </MOVEMAP_BUILDERS>
  <SCORINGGRIDS ligand_chain="X" width="25">
    <ClassicGrid grid_name="vdw" weight="1.0"/>
  </SCORINGGRIDS>
  <MOVERS>
    <FavorNativeResidue name="favor_native"
bonus="1.00"/>
    <Transform name="transform" chain="X" box_size="5.0"
move_distance="0.1" angle="5" cycles="500" repeats="1"
temperature="5" rmsd="4.0"/>
    <HighResDocker name="high_res_docker" cycles="6"
repack_every_Nth="3" scorefxn="ligand_soft_rep"
movemap_builder="docking"/>
```

```xml
    <PackRotamersMover name="design_interface"
scorefxn="hard_rep" task_operations="design_interface"/>
    <FinalMinimizer name="final" scorefxn="hard_rep"
movemap_builder="final"/>
    <InterfaceScoreCalculator name="add_scores"
chains="X" scorefxn="hard_rep"/>
    <ParsedProtocol name="low_res_dock">
      <Add mover_name="transform"/>
    </ParsedProtocol>
    <ParsedProtocol name="high_res_dock">
      <Add mover_name="high_res_docker"/>
      <Add mover_name="final"/>
    </ParsedProtocol>
  </MOVERS>
  <PROTOCOLS>
    <Add mover_name="favor_native"/>
    <Add mover_name="low_res_dock"/>
    <Add mover_name="design_interface"/>
    <Add mover_name="high_res_dock"/>
    <Add mover_name="add_scores"/>
  </PROTOCOLS>
</ROSETTASCRIPTS>
```