```
>> clear all
>> SuperResAlign3D2C('simu9f2c_list',3,50,175,0.41,90,3,180,90,10);
Loading your molecule list ...

n0 =

        36195


frame_max =

     20

Generating image array ...
Aligning your super-res images ...
--------iteration 1 --------
image 1
Error using  .*
Matrix dimensions must agree.

Error in rotregistration3D2C (line 64)
            CC(m+1-fix(m/2):m+1+fix((m-1)/2),n+1-fix(n/2):n+1+fix((n-1)/2))
            = ...

Error in rotregistrationALL3D2C (line 45)
        [allim2x,dataf3,dataf23,alignk] =
        rotregistration3D2C(ft1,dataf0,dataf02,angrange,angstep,rotrange,rotstep);

Error in SuperResAlign3D2C (line 48)
[aligniter,sumimregi,s,allIm,data,data5] =
rotregistrationALL3D2C(images0,data0,angrange,angstep,n_iteration,rotrange,rotstep);
>> SuperResAlign3D2C('simu9f2c_list',3,20,175,0.41,90,3,90,45,10);
Loading your molecule list ...

n0 =

        36195


frame_max =

     20

Generating image array ...
Aligning your super-res images ...
--------iteration 1 --------
image 1
image 2
image 3
image 4
image 5
```

```
image 6
image 7
image 8
image 9
image 10
image 11
image 12
image 13
image 14
image 15
image 16
image 17
image 18
image 19
image 20
--------iteration 2 --------
image 1
image 2
image 3
image 4
image 5
image 6
image 7
image 8
image 9
image 10
image 11
image 12
image 13
image 14
image 15
image 16
image 17
image 18
image 19
image 20
--------iteration 3 --------
image 1
image 2
image 3
image 4
image 5
image 6
image 7
image 8
image 9
image 10
image 11
image 12
image 13
image 14
```

```
image 15
image 16
image 17
image 18
image 19
image 20
--------iteration 4 --------
image 1
image 2
image 3
image 4
image 5
image 6
image 7
image 8
image 9
image 10
image 11
image 12
image 13
image 14
image 15
image 16
image 17
image 18
image 19
image 20
--------iteration 5 --------
image 1
image 2
image 3
image 4
image 5
image 6
image 7
image 8
image 9
image 10
image 11
image 12
image 13
image 14
image 15
image 16
image 17
image 18
image 19
image 20
--------iteration 6 --------
image 1
image 2
```

```
image 3
image 4
image 5
image 6
image 7
image 8
image 9
image 10
image 11
image 12
image 13
image 14
image 15
image 16
image 17
image 18
image 19
image 20
--------iteration 7 --------
image 1
image 2
image 3
image 4
image 5
image 6
image 7
image 8
image 9
image 10
image 11
image 12
image 13
image 14
image 15
image 16
image 17
image 18
image 19
image 20
--------iteration 8 --------
image 1
image 2
image 3
image 4
image 5
image 6
image 7
image 8
image 9
image 10
image 11
```

```
image 12
image 13
image 14
image 15
image 16
image 17
image 18
image 19
image 20
--------iteration 9 --------
image 1
image 2
image 3
image 4
image 5
image 6
image 7
image 8
image 9
image 10
image 11
image 12
image 13
image 14
image 15
image 16
image 17
image 18
image 19
image 20
--------iteration 10 --------
image 1
image 2
image 3
image 4
image 5
image 6
image 7
image 8
image 9
image 10
image 11
image 12
image 13
image 14
image 15
image 16
image 17
image 18
image 19
image 20
```

```
Elapsed time is 877.592725 seconds.
>>
```