



D

Initialization



Standard Scripts

/Users/scherers/Desktop/Protein\_A/merge/

Results

5 6 7 8

Merge Once  
Refine Once  
Merge & Refine (iterative)  
Generate Image Maps  
Final Merge  
Generate Merged Map

A

Custom Scripts

Automatic Image Processing  
ML 3D Create Stack (not yet im...  
ML 3D Compute 3D volume (n...  
Refine Switch  
Modify Image Parameter  
Copy Merged Dataset  
Generate Map from Saved Data...  
Display Map

B

Image Preview

No Image  
Selected

C

<input type="checkbox"/>	glpf00					
<input type="checkbox"/>	glpf0000655501	ScriptWillPutNumberHere	0.00	0.00	999.00	0.0,0.0
<input type="checkbox"/>	glpf0000655701	ScriptWillPutNumberHere	0.00	0.00	999.00	0.0,0.0
<input type="checkbox"/>	glpf30					
<input type="checkbox"/>	glpf3000665301	ScriptWillPutNumberHere	0.00	0.00	999.00	0.0,0.0
<input type="checkbox"/>	glpf3000666701	ScriptWillPutNumberHere	0.00	0.00	999.00	0.0,0.0

E

9 10

Processing Data -- Standard

Modus of Merging:

2D

Image File

Image Source:

OD for autoscaling to 0...16k

Lattice Determination

Initial Unit Cell Length (for entire project):

100.0

100.0

Initial Cell Angle (for entire project):

90.0

Common Image Processing

Logfile - Low Verbosity

```
*****
Welcome to 2dx_merge
*****
(activate the MANUAL button top right for help)
*****#2dx_initialize finished*****
```

G

H

11 12

13 14

Images

I

18



20



21



22

