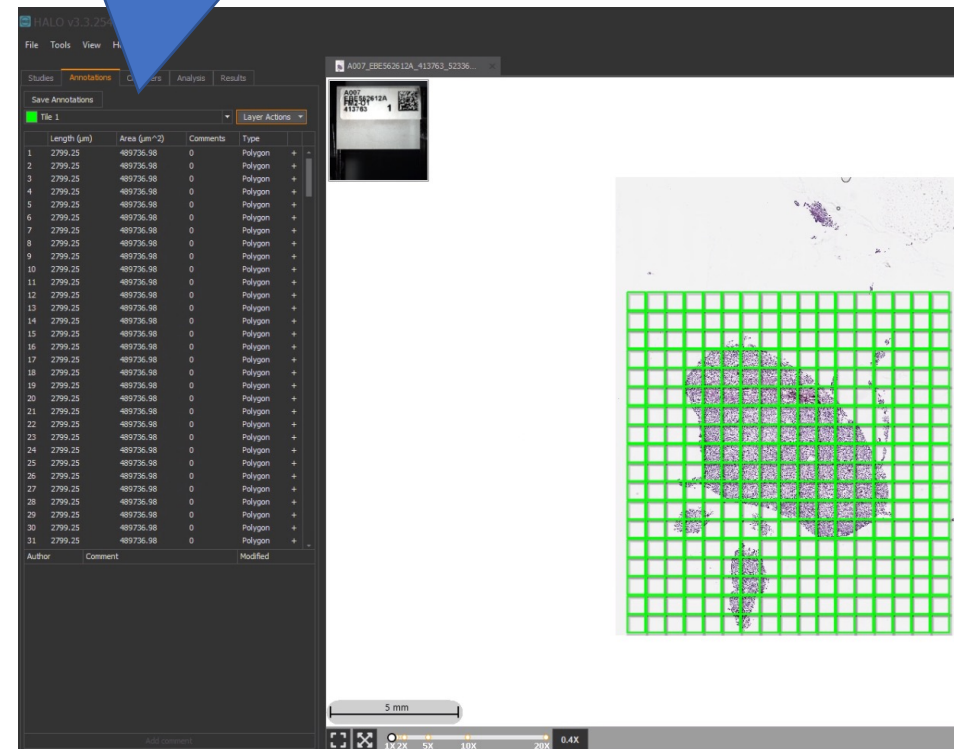
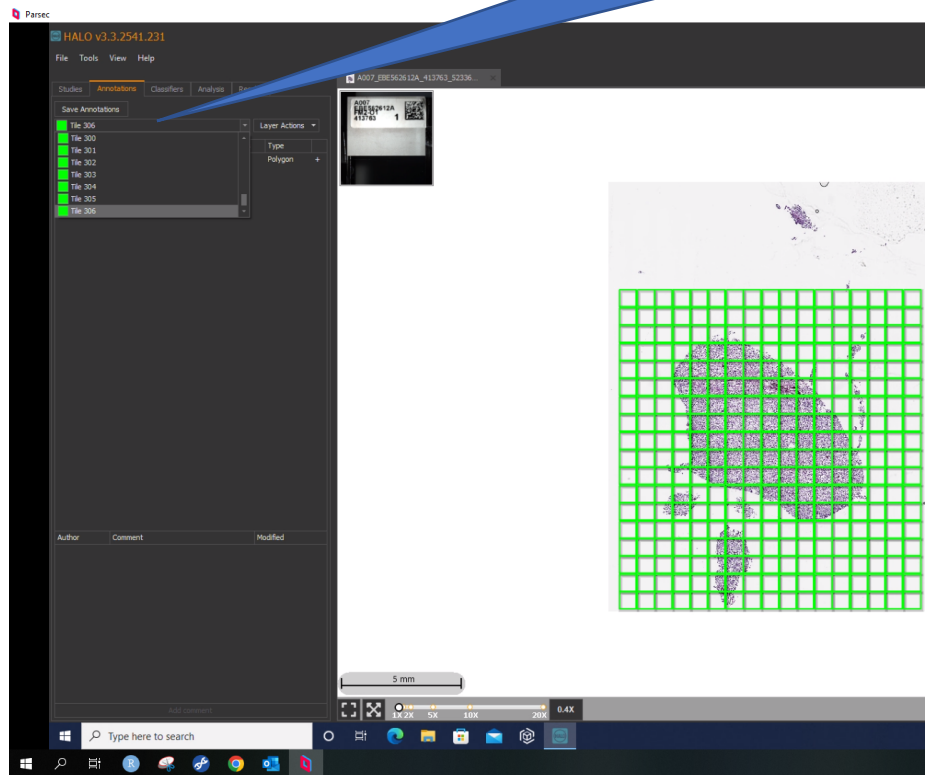
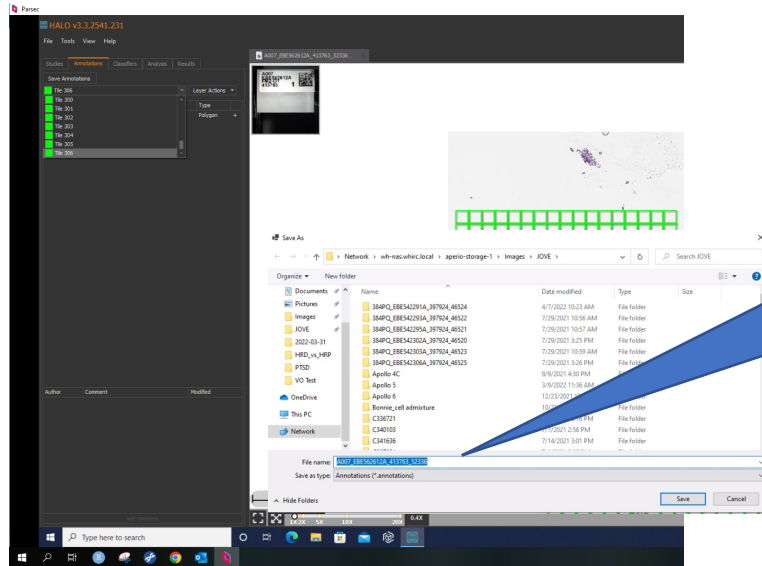


The purpose of the Dapo script is to merge tiles from separate annotation layers into one layer. The HALO analysis tool will run significantly faster if the tiles used for running the analysis are under one annotation layer



Steps



export the multilayered annotations as a .annotation file

Dapo_MergeTiles_script
JoveTest

place Dapo script in the same folder as the .annotation file.

HALO XML Shape > 384PQ_EBE542291A_397924_46524 > MergeTiles

Name	Date modified	Type	Size
Dapo_MergeTiles_script	4/11/2022 1:16 PM	PY File	2 KB
loveTest	1/26/2022 1:50 PM	ANNOTATIONS File	276 KB

place Dapo script in the same folder as the .annotation file.

```

Dapo_MergeTiles_script.py - \\wh-nas.whirc.local\aperio-storage-1\Images\JOVE\Dapo_Mer...
File Edit Format Run Options Window Help
output.write('<Annotation LineColor="65280" Name="Tile 1" Visible="True">')
output.write("\n")
output.write("<Regions>")
output.write("\n")

num = 0
for child in root.iter("Vertices"):
    num += 1
    rml = 0
    output.write('<Region Type="Polygon" HasEndcaps="0" NegativeROA="0')
    output.write("\n")
    output.write("<Vertices>")
    output.write("\n")

    for x in child.iter("V"):
        ex = x.get("X").strip()
        wy = x.get("Y").strip()
        output.write('<V X="{}" Y="{}" />'.format(ex, wy))
        output.write("\n")

    output.write("</Vertices>")
    output.write("\n")
    output.write("<Comments />")
    output.write("\n")
    output.write("</Region>")
    output.write("\n")

output.write("</Regions>")
output.write("\n")
output.write('</Annotation>')
output.write("\n")
output.write("</Annotations>")

HALO("loveTest")
Ln: 53 Col: 14

```

Open the python script and paste the filename between the quotes at the bottom of the program.

Run script to generate merged annotation file

