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Export .star file from cisTEM refinement package without generating a particle stack

Wed, 07/22/2020 - 15:40 #1

qfang

Export .star file from cisTEM refinement package without generating a particle stack

Hi.

I was wondering if it was possible to export .star file from cisTEM refinement package without generating a particle stack. My particle stack is very large and I only have 1 class in the refinement package.

Thanks,

Qianglin

timgrant

Hi Qianglin,

Hi Qianglin,

There is currently no way to do this i'm afraid. If disk space is the issue you can always use /dev/null as the output file. This will stop the file actually being written to disk, but it will still be somewhat slow as it still does the reading / image processing.

Also, I just want to make sure that you know that cisTEM defaults to protein being black, and Relion defaults to it being white - one of the things that the export does is invert the stack, and normalise it according to the Relion requirements.

Thanks,

Tim

Wed, 07/22/2020 - 21:48 (Reply to #2)

qfang

Hi Tim,

Hi Tim,

Thank you very much for the information. It is very helpful.

Best,

Qianglin

Daniel Asarnow

A little late, but a

A little late, but a workaround is to export particles with a 2 pixel box.

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