a original   b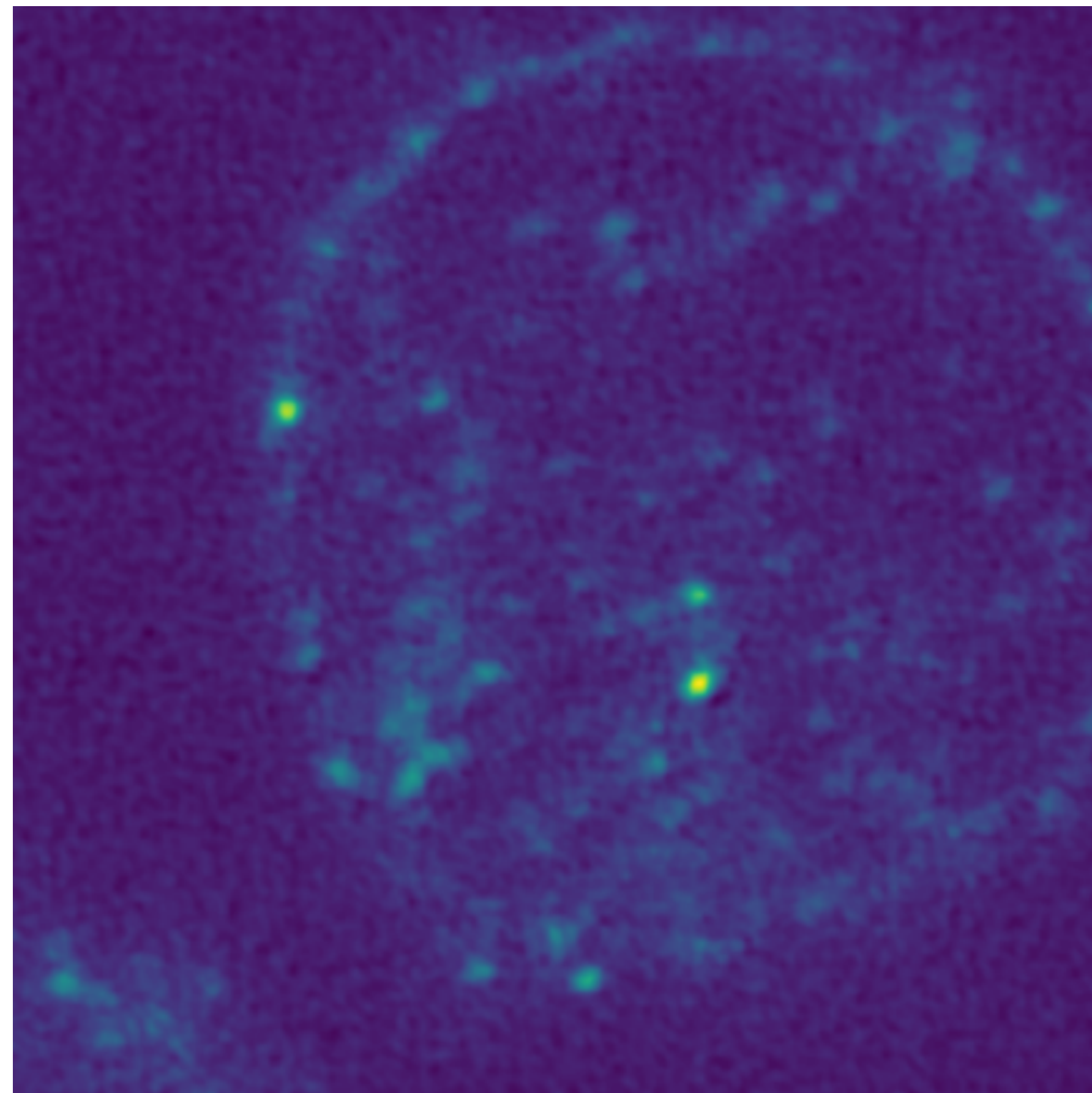 deconvolved