

**Supplementary Table S1. Image registration parameters.** Settings used for rigid registration with the open-source toolkit *elastix*.

<b>Item</b>	<b>Parameter</b>
Registration	Multi Resolution Registration
Number of Resolutions	3
Transform	Euler Transform
Metric	Advanced Mattes Mutual Information
Number of Histogram Bins	64
Optimizer	Adaptive Stochastic Gradient Descent
Number of Spatial Samples	5000
Image Sampler	Random
Maximum Number of Iterations	4000