

## Checklist for image publishing

### Image format

	Focus on relevant image content (e.g. crop, rotate, resize)	<input type="checkbox"/>	Minimal
	Separate individual images	<input type="checkbox"/>	
	Show example image used for quantifications	<input type="checkbox"/>	
	Indicate position of zoom-view/inset in full-view/ original image	<input type="checkbox"/>	
	Show images of the range of described phenotype	<input type="checkbox"/>	

### Image colors and channels

	Annotation of channels (staining, marker etc.) visible	<input type="checkbox"/>	Minimal
	Adjust brightness/contrast, report adjustments, use uniform color-scales	<input type="checkbox"/>	
	Image comparison: use same adjustments	<input type="checkbox"/>	
	Channel colors: high visibility on the background Best visibility: grayscale	<input type="checkbox"/>	
	Multi-colors: provide grayscale for each color channel	<input type="checkbox"/>	
	Multi-color: if channels are merged, make accessible to color blind	<input type="checkbox"/>	
	Provide intensity scales (calibration bar) for greyscale, color, pseudo color...	<input type="checkbox"/>	Recommended
	Pseudo-colored images: additionally provide grayscale version for comparison.	<input type="checkbox"/>	Ideal
	Gamma adjustments: additionally provide linear-adjusted image for comparison	<input type="checkbox"/>	

### Image annotation

	Add scale information (scale bar, image length; in figure/figure legend)	<input type="checkbox"/>	Minimal
	Explain all annotations (in figure/figure legend)	<input type="checkbox"/>	
	Annotations should be legible (line width, size/point size, color)	<input type="checkbox"/>	
	Annotations should not obscure key data	<input type="checkbox"/>	
	Annotate imaging details important for interpreting the figure. <i>Depending on the main message and imaging technique this may be e.g., image pixel size, imaging intervals (time-lapse in movies), exposure time, or anatomical section.</i>	<input type="checkbox"/>	Recommended

### Image availability

	Images are shared (lossless compression/microscope images)	<input type="checkbox"/>	
	Image files are freely downloadable (public database)	<input type="checkbox"/>	Recommended
	Image files are in dedicated image database (added value database or image archive)	<input type="checkbox"/>	Ideal