Standard file formats for data submission

as of 10/05/2017

Sequencing Formats

- fastq
- bam

Video formats

- mp4

High Resolution Image Formats

- czi
- lif
- tiff

Mandatory assets for data submission

Sequencing data (RNA-Seq, CHIP-Seq, ATAC-Seq, scRNA-seq)

File Type	File Format	Mandatory
Sequencing files	F/R read fastq (.fastq.gz)	mandatory
Alignment	bam (.bam)	mandatory
Positive Region	bed (.bed)	if available
Visualization track	bigwig (.bw)	if available
Expression value (RPKM/TPM)	text (.txt)	if available
Single-cell Analysis file	csv	if available

H&E Data

File Type	File Format	Mandatory
H&E images	High resolution image formats (from devices)	mandatory

H&E images	jpeg or png for preview	if available

Immunofluorescence Data

File Type	File Format	Mandatory
Immunofluorescence images	High resolution image formats (from devices)	mandatory
Immunofluorescence videos	mp4 (still in play)	if available
Immunofluorescence images	jpeg or png for preview	if available

Antibody

File Type	File Format	Mandatory
Antibody test summary sheets	jpeg, png, pdf	mandatory
Antibody test images	jpeg, png	mandatory

In-situ Hybridization (ISH) Specimen

File Type	File Format	Mandatory
Images	output from device (do not downsample)	mandatory
Images	jpeg or png for preview	if available

Protocols

File Type	Preferred File Format	Mandatory
Source publication/manuscript	pdf	if available
Figure images	jpg, png	if available
Figure videos	mp4 (still in play)	if available