[**S1 Video.**](http://journals.plos.org/plosone/article/file?type=supplementary&id=info:doi/10.1371/journal.pone.0148379.s005)**(BioSig3D: Resource Manager Video): A video presenting the use and application of resource manager.**

<https://doi.org/10.1371/journal.pone.0148379.s005>

(MP4)

**[S2 Video.](http://journals.plos.org/plosone/article/file?type=supplementary&id=info:doi/10.1371/journal.pone.0148379.s006)(BioSig3D: Experimental Design Video) A video presenting the process of experimental design in BioSig3D.**

<https://doi.org/10.1371/journal.pone.0148379.s006>

(MP4)

**[S3 Video.](http://journals.plos.org/plosone/article/file?type=supplementary&id=info:doi/10.1371/journal.pone.0148379.s007)(BioSig3D: Plate Layout Video) A video presenting how to do plate layout for high content screening.**

<https://doi.org/10.1371/journal.pone.0148379.s007>

(MP4)

**[S4 Video.](http://journals.plos.org/plosone/article/file?type=supplementary&id=info:doi/10.1371/journal.pone.0148379.s008)(BioSig3D Uploading Images Video) A video presenting how to upload images into BioSig3D for visualization of processing.**

<https://doi.org/10.1371/journal.pone.0148379.s008>

(MP4)

**[S5 Video.](http://journals.plos.org/plosone/article/file?type=supplementary&id=info:doi/10.1371/journal.pone.0148379.s009)(BioSig3D: Image linking video with the experimental variables) A video presenting how to use the java app to link images with experimental factors.**

<https://doi.org/10.1371/journal.pone.0148379.s009>

(MP4)

**[S6 Video.](http://journals.plos.org/plosone/article/file?type=supplementary&id=info:doi/10.1371/journal.pone.0148379.s010)(Biosig3D: Visualization and bioinformatics analysis) A video presenting visualization and bioinformatics analysis in BioSig3D.**

<https://doi.org/10.1371/journal.pone.0148379.s010>

(MP4)

**[S7 Video.](http://journals.plos.org/plosone/article/file?type=supplementary&id=info:doi/10.1371/journal.pone.0148379.s011)3D stack for a representative of MCF10A at day 2 with scale (first example).**

<https://doi.org/10.1371/journal.pone.0148379.s011>

(AVI)

**[S8 Video.](http://journals.plos.org/plosone/article/file?type=supplementary&id=info:doi/10.1371/journal.pone.0148379.s012)3D stack for a representative of MCF10A at day 2 with scale (second example).**

<https://doi.org/10.1371/journal.pone.0148379.s012>

(AVI)

**[S9 Video.](http://journals.plos.org/plosone/article/file?type=supplementary&id=info:doi/10.1371/journal.pone.0148379.s013)3D stack for a representative of MCF10A at day 5 with scale.**

<https://doi.org/10.1371/journal.pone.0148379.s013>

(AVI)

**[S10 Video.](http://journals.plos.org/plosone/article/file?type=supplementary&id=info:doi/10.1371/journal.pone.0148379.s014)3D stack for a representative of MCF10A at day 7 with scale.**

<https://doi.org/10.1371/journal.pone.0148379.s014>

(AVI)

**[S11 Video.](http://journals.plos.org/plosone/article/file?type=supplementary&id=info:doi/10.1371/journal.pone.0148379.s015)3D stack for a representative of MCF10A at day 12 with scale.**

<https://doi.org/10.1371/journal.pone.0148379.s015>

(AVI)

**[S12 Video.](http://journals.plos.org/plosone/article/file?type=supplementary&id=info:doi/10.1371/journal.pone.0148379.s016)3D stack for a representative of MCF7at day 2 with scale.**

<https://doi.org/10.1371/journal.pone.0148379.s016>

(AVI)

**[S13 Video.](http://journals.plos.org/plosone/article/file?type=supplementary&id=info:doi/10.1371/journal.pone.0148379.s017)3D stack for a representative of MCF7 at day 5 with scale.**

<https://doi.org/10.1371/journal.pone.0148379.s017>

(AVI)

**[S14 Video.](http://journals.plos.org/plosone/article/file?type=supplementary&id=info:doi/10.1371/journal.pone.0148379.s018)3D stack for a representative of MCF7 at day 7 with scale.**

<https://doi.org/10.1371/journal.pone.0148379.s018>

(AVI)

**[S15 Video.](http://journals.plos.org/plosone/article/file?type=supplementary&id=info:doi/10.1371/journal.pone.0148379.s019)3D stack for a representative of MCF7 at day 12 with scale.**

<https://doi.org/10.1371/journal.pone.0148379.s019>

(AVI)

**[S16 Video.](http://journals.plos.org/plosone/article/file?type=supplementary&id=info:doi/10.1371/journal.pone.0148379.s020)3D stack for a representative of MDA-MB-231at day 2 with scale.**

<https://doi.org/10.1371/journal.pone.0148379.s020>

(AVI)

**[S17 Video.](http://journals.plos.org/plosone/article/file?type=supplementary&id=info:doi/10.1371/journal.pone.0148379.s021)3D stack for a representative of MDA-MB-231at day 5 with scale.**

<https://doi.org/10.1371/journal.pone.0148379.s021>

(AVI)

**[S18 Video.](http://journals.plos.org/plosone/article/file?type=supplementary&id=info:doi/10.1371/journal.pone.0148379.s022)3D stack for a representative of MDA-MB-231at day 7 with scale.**

<https://doi.org/10.1371/journal.pone.0148379.s022>

(AVI)

**[S19 Video.](http://journals.plos.org/plosone/article/file?type=supplementary&id=info:doi/10.1371/journal.pone.0148379.s023)3D stack for a representative of MDA-MB-468 at day 2 with scale.**

<https://doi.org/10.1371/journal.pone.0148379.s023>

(AVI)

**[S20 Video.](http://journals.plos.org/plosone/article/file?type=supplementary&id=info:doi/10.1371/journal.pone.0148379.s024)3D stack for a representative of MDA-MB-468 at day 5 with scale.**

<https://doi.org/10.1371/journal.pone.0148379.s024>

(AVI)

**[S21 Video.](http://journals.plos.org/plosone/article/file?type=supplementary&id=info:doi/10.1371/journal.pone.0148379.s025)3D stack for a representative of MDA-MB-468 at day 7 with scale.**

<https://doi.org/10.1371/journal.pone.0148379.s025>

(AVI)

**[S22 Video.](http://journals.plos.org/plosone/article/file?type=supplementary&id=info:doi/10.1371/journal.pone.0148379.s026)BioSig3D overview.**

<https://doi.org/10.1371/journal.pone.0148379.s026>

(MP4)