Format	Extensions	Result	Big?	Folder in test_images_good	Folder in from_skyking	Notes	Date	Tester	Server (howe / gretzky)	Build Version•	OS if relevant	Summary of what was tested	Documents/Screenshots on squig**	Comment / Bug / Other?
AIM	aim		No	aim	aim									
Alicona AL3D	al3d		No	al3d	al3d	OME-XML file doesn't contain any BinData, so it is expected to be black								
Amira	am, amiramesh, grey, hx, labels		No	amira	amira	File: hiv. Expected to be mostly black, but there should be data between Z = 140 and 149								
Analyze 7.5	img, hdr		No	analyze	analyze									
Andor	tif		No	andor										
Andor SIF	sif		No	andor-sif	andor-sif	This is hard to view. There are a couple of *really* bright pixels that throw off the display range; if you set the min/max values to roughly 600-800 (the real min/max for the first plane) then it should look better								
Ariol	jpeg		No	ariol		one file = a pyramid								
ARF	arf		No	arf	samples/ARFTest									
Audio Video Interleave	avi		No	avi	avi									
BD Pathway	exp, tif		Plate	bd-pathway	bd-pathway									
Bio-Rad GEL	1sc		No	biorad-gel	biorad-gel									
Bio-Rad PIC	pic, xml, raw		No	biorad-pic, biorad-raw	samples/ome, biorad									
Kodak Molecular Imaging	bip		No	bip	bip									
Windows Bitmap	bmp		No	bmp	bmp									
Bruker	acqp		No	bruker	bruker	picking any one of the 'acqp' files should work, e.g. bruker/wis/RA_060110.0 This is not a plate, but rather an MRI acquisition.								
Burleigh	img		No	burleigh	sxm/steve/Burleigh									
Canon RAW	cr2, crw, jpg, thm, wav		No	canon	canon									
DNG	cr2, crw, jpg, thm, wav, tif, tiff		No	canon	canon									
Cellomics C01	c01, dib		Plate	cellomics	cellomics									
Olympus APL	apl, tnb, mtb, tif		No	cellr	cellr									
CellSens VSI	vsi, ets		Yes	cellsens	cellsens	Takes ages. Uses sub-resolutions.								
CellWorx	pnl, htd, log		Plate	cellworx	cellworx									
DICOM	dic, dcm, dicom, jp2, j2ki, j2kr, raw, ima		No	dicom	dicom									
Deltavision	dv, r3d, r3d_d3d, dv.log, r3d.log		No	dv, dv_single	deltavision									
ECAT7	v		No	ecat7	ecat7									
Encapsulated PostScript	eps, epsi, ps		No	eps	eps									
FEI TIFF	tif, tiff		No	fei	fei									
FEI/Philips	img		No	fei	fei									
Flexible Image Transport System	fits, fts		No	fits	fits									
Evotec Flex	flex, mea, res		Plate	flex	flex									
Olympus Fluoview/ABD TIFF	tif, tiff		No	fluoview, andor	fluoview, andor									
Fuji LAS 3000	img, inf		No	fuji	fuji									
Olympus FV1000	oib, oif, pty, lut		No	fv1000	fv1000									
Gatan Digital Micrograph	dm3		Usually - 4K x 4K	gatan	gatan									
Gatan DM2	dm2		Usually - 4K x 4K	gatan-dm2	gatan-dm2									
Amersham Biosciences GEL	gel		No	gel	gel									
Graphics Interchange Format	gif		No	gif	gif									
Hamamatsu NDPI	ndpi		Yes	hamamatsu	hamamatsu	I don't recommend bothering with NDPI or NDPIs, as these formats are known to be horribly limited. Uses sub-resolutions.								
Hamamatsu HIS	his		No	hamamatsu-his	sxm/steve/Hamamatsu (Keith B)									

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Hamamatsu VMS	vms		Yes	hamamatsu-vms	hamamatsu-vms	File not valid. see https://trac.openmicroscopy.org.uk/ome/ticket/9596								
Hamamatsu NDPIS	ndpis		Yes	hamamatsu/philippe	hamamatsu/philippe	I don't recommend bothering with NDPI or NDPIs, as these formats are known to be horribly limited.								
Hitachi	txt	No		hitachi	hitachi									
Image Cytometry Standard	ics, ids	No		ics	ics									
Imacon	fff	No		imacon	imacon									
Image-Pro Sequence	seq	No		imagepro	imagepro									
Image-Pro Workspace	ipw	No		imagepro	imagepro									
IMAGIC	hed	No		imagic	imagic									
Bitplane Imaris 3 (TIFF)	ims	No		imaris	imaris/kay	Use the "file" command to tell the difference. Imaris 3 files will be reported as "TIFF image data"; Imaris 5.5 files will be reported as "Hierarchical Data Format (version 5) data"; the older raw Imaris format files will be reported as simply "data".								
Bitplane Imaris 5.5 (HDF)	ims	No		imaris	imaris/chris, imaris/jason, imaris/james, imaris/oliver	Use the "file" command to tell the difference. Imaris 3 files will be reported as "TIFF image data"; Imaris 5.5 files will be reported as "Hierarchical Data Format (version 5) data"; the older raw Imaris format files will be reported as simply "data". Uses sub-resolutions.								
Bitplane Imaris	ims	No		imaris	imaris/generated	Use the "file" command to tell the difference. Imaris 3 files will be reported as "TIFF image data"; Imaris 5.5 files will be reported as "Hierarchical Data Format (version 5) data"; the older raw Imaris format files will be reported as simply "data".								
IMOD	mod	No		imod	imod	test_image_good: image is black. That is expected. Probably not required to consider it but contains ROIs. Useful for ROIs support/display								
Improvision TIFF	tif, tiff	No		improvision	improvision									
InCell 1000/2000	xdce, xml, tiff, tif, xlog, im		Plate	incell	incell	KJH YFPPML 2000_A-101061_1: will generate black thumbnails, raw data missing								
InCell 3000	frm		No. Melissa It is technically a plate but we lack all of the metadata to be able to put all of the fields/wells together into a plate	incell3000	incell3000									
INR	inr	No		inr	inr									
IPLab	ipl	No		iplab	iplab									
IVision	ipm	No		ivision	ivision									
JEOL	dat, img, par	No		jeol	sxm/steve/JEOL									
JPEG	jpg, jpeg, jpe	No		jpeg, ariol	jpeg									
JPEG-2000	jp2, j2k, jpf, jpx		Sometimes	jpeg2000	jpeg2000	Uses sub-resolutions.								
JPK Instruments	jpk	No		jpk	sxm/steve/JPK Instr (Christian L)									

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Khoros XV	xv		No	khoros	khoros									
Li-Cor L2D	l2d, scn, tif		No	l2d	l2d									
Leica	lei, tif, tiff, raw		No	lei, lei_martin_sp2	leica									
Leica Image File Format	lif		No	leica-lif, leica-lif-martin	leica-lif									
Leica SCN	scn		yes	leica-scn	leica-scn	Uses sub-resolutions								
Leica TCS TIFF	tif, tiff, xml		No	leica-tcs	leica-tcs									
LEO	sxm, tif, tiff		No	leo	sxm/steve/LEO (Ewald B)									
LI-FLIM	fli	Cannot create thumbnail	No	li-flim	li-flim	lifetime-extended.fli: float (display not supported)								
Laboratory Imaging	lim		No	lim	lim									
Metamorph TIFF	tif, tiff		No	metamorph	metamorph									
MIAS	tif, tiff, txt		Plate	mias	mias									
Micro-Manager	tif, tiff, txt, xml		No	micromanager, micromanager_2	micromanager									
MINC MRI	mnc		No	minc	minc									
Multiple Network Graphics	mng		No	mng	mng									
Molecular Imaging	stp		No	molecular-imaging	sxm/steve/Molecular Imaging									
Medical Research Council	mrc, st, ali, map, rec		No	mrc	mrc									
Minolta MRW	mrw		Yes	mrw	mrw									
Hamamatsu Aquacosmos	naf		No	naf	naf									
NIfTI	nii, img, hdr		No	nifti	nifti									
Nikon Elements TIFF	tif, tiff		No	nikon	nikon	Nikon TIFFs have the Software tag set to "EZ-C1", i.e. running "tiffinfo foo.tiff" should produce a line "Software: EZ-C1"								
Nikon NEF	nef, tif, tiff		No	nikon	nikon	Nikon NEF TIFFs have Make/Model tags that contain "NIKON" and an EXIF IFD, which should be visible by running "tiffinfo foo.nef"								
Nikon TIFF	tif, tiff		No	nikon	nikon									
Nikon ND2	nd2		No	nikon-jp2, nd2	nikon-jp2, nd2									
NOAA-HRD Gridded Data Format			No	noaa-hrd	noaa-hrd									
NRRD	nrrd, nhdr		No	nrrd	nrrd									
OME-TIFF	ome.tif, ome.tiff		No (test as Plate?)	ome-tiff, ome-tif-multi	ome-tiff									
OME-XML	ome		No (test as Plate?)	ome-xml	ome-xml	tubhiswt.ome to be removed								
Openlab LIFF	liff		No	openlab	openlab	embryo2.liff results in two images: - one has correct (3 channel 33z), -The second Image is expected to have SizeC = 1. It looks wrong, but is correct with respect to the metadata that is in the file.								
Openlab RAW	raw		No	openlab-raw	openlab-raw									
Oxford Instruments	top		No	oxford-instruments	sxm/steve/Oxford Instr (Yoshimasa)	Image from Test image good: expected value is size: 90x1								
PCX	pcx		No	pcx	pcx									
Perkin Elmer Densitometer	hdr, img		No	perkinelmer-densitometer	perkinelmer-densitometer	No physical pixel size for DP1190.tif and a different physical pixel size PT1173A001.tif than for other formats. Expected: tiff converted and metadata lost								
PerkinElmer Operetta	tif, tiff, xml		Plate	perkinelmer-operetta	perkinelmer-operetta									
Portable Gray Map	pgm		No	pgm	OMERO_Test_Images/PGM									
PICT	pict, pct		No	pict	pict, sxm/steve/PICT									
Animated PNG	png		No	png	apng	the animated PNG is png/Matrix.png, so if you imported everything in the 'png' folder then it's all set								
POV-Ray	df3		No	povray	povray									
Prairie TIFF	tif, tiff, cfg, xml		No	prairie	prairie									
Adobe Photoshop	psd		No	psd	psd									

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Pyramid TIFF	N/A		yes	pyramid	test_per_commit/pyramid	Uses sub-resolutions.								
Quesant AFM	afm		No	quesant	sxm/steve/Quesant Instr									
QuickTime	mov		No	quicktime	quicktime									
RHK Technologies	sm2, sm3		No	rhk	sxm/steve/RHK Tech									
SBIG			No	sbig	sxm/steve/SBIG									
Olympus ScanR	dat, xml, tif		Plate	scanr	scanr									
SPCImage Data	sdt		No	sdt	sdt	We currently use channels to store the 256 "bins". In the viewer we only display one channel at a time and use a lifetime slider (L:)								
Seiko	xqd, xqf		No	seiko	sxm/steve/Seiko Instr									
Compix Simple-PCI	cxd		No	simplepci	simplepci									
SimplePCI TIFF	tif, tiff		No	simplepci	simplepci									
Olympus SIS TIFF	tif, tiff		No	sis	sis									
Olympus Slidebook	sld, spl		No	slidebook	slidebook									
SM Camera			No	sm-camera	sxm/steve/SM-Camera									
SPIDER	spi		No	spider	spider									
Metamorph STK	stk, nd, tif, tiff		Plate	stk	metamorph									
Aperio SVS	svs		Yes	svs	svs	Uses sub-resolutions.								
Truevision Targa	tga		No	targa	targa									
Text	txt, csv		No	text	text									
Adobe Photoshop TIFF	tif, tiff		No	tiff	tiff									
Tagged Image File Format	tif, tiff, tf2, tf8, btf		No	tiff	tiff	Uses sub-resolutions for JPEG2000 data.								
TillVision	vws, pst, inf		No	tillvision	tillvision									
TopoMetrix	tfr, ffr, zfr, zfp, 2fl		No	topometrix	sxm/steve/TopoMetrix									
Trestle	tif		Yes	trestle	trestle									
UBM	pr3		No	ubm	sxm/steve/UBM (Rosset)	uint32 (display not supported)								
PerkinElmer	ano, cfg, csv, htm, rec, tim, zpo, tif		No	ultraview	ultraview									
Unisoku STM	hdr, dat		No	unisoku	sxm/steve/Unisoku (Takashi)									
Varian FDF	fdf		No	varian-mri	varian-mri	float (display not correctly supported)								
VG SAM	dti		No	vg-sam	sxm/steve/VG SAM (Karen)									
Visitech XYS	xys, html		No	visitech (xys only)	visitech									
Volocity Library Clipping	acff		No	volocity	volocity									
Volocity Library	mvd2, aisf, aiix, dat, atsf		No	volocity	volocity									
WA Technology TOP	wat		No	watech	sxm/steve/WA Technology/WA Tech (Vladimir)/TOPSystem II, sxm/steve/WA Technology/WA Tech (Adrian Jones)									
Zeiss CZI	czi		No	zeiss-czi	zeiss-czi									
Zeiss Laser-Scanning Microscopy	lsm, mdb		No	zeiss-lsm, zeiss-lsm-martin	zeiss-lsm									
Zeiss TIFF	tif		no	zeiss-tiff	zeiss-tiff									
Zeiss Vision Image (ZVI)	zvi		No	zeiss-zvi	zeiss-zvi									
Zip	zip		No	zip	zip									