



Title	Imaging approaches for chromosome structures
Author(s)	Fukui, Kiichi; Kato, Seiji
Citation	Chromosome Research. 2021, 29, p. 5-17
Version Type	AM
URL	<a href="https://hdl.handle.net/11094/78960">https://hdl.handle.net/11094/78960</a>
rights	
Note	

*The University of Osaka Institutional Knowledge Archive : OUKA*

<https://ir.library.osaka-u.ac.jp/>

The University of Osaka

## List of Abbreviations

BAC: Bacterial artificial chromosome  
CCD: Charge-coupled device  
CEN: Centromere  
CHIAS: Chromosome Image Analyzing System  
CP: Condensation profile (Density profile at the mid-rib of chromatid)  
DAPI: 4,6-diamidino-2-phenylindole  
DRWID: Drawing idiogram  
EDF: Extended DNA fiber  
FIB/SEM: Focused ion beam/Scanning electron microscope  
FISH: Fluorescence *in situ* hybridization  
Idiogram: (Quantitative chromosome map)  
IRGSP: International Rice Genome Sequencing Project  
LUT: Lookup table  
NOR: Nucleolar organizing region  
OpenCV: Open Source Computer Vision Library  
PAC: P1-derived artificial chromosome  
PI: Propidium iodide  
rDNA: Ribosomal DNA  
SDK: Software development kit  
Trs-A: Tandem repeat sequence A