

Materials List for:

# G2-seq: A High Throughput Sequencing-Based Technique for Identifying Late Replicating Regions of the Genome

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## Materials

Name	Company	Catalog Number	Comments
YeaStar Genomic DNA kit	Genesee Scientific	11-323	
1 µM SYTOX Green	ThermoFisher	57020	resuspend in 50 mM sodium citrate, pH 7.2
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RNase solution (0.25 mg / mL)	Sigma	R6513	0.25 mg / mL RNaseA resuspended in 50 mM sodium citrate, pH 7.2, boil RNase solution for 10 minutes before the first use only, and from then on store at -20°
proteinase K solution (20 mg / mL)	ThermoFisher / Invitrogen	25530-015	resuspend in 10 mM Tris, pH 7.5, 2 mM CaCl <sub>2</sub> , 50% glycerol, store at -20°C
Model 50 Sonic Dismembrator	Fisher Scientific	FB50A220	
BD Biosciences FACSARIA II	BD Biosciences	644832	
Zymo-spin III columns	Zymo Research	C1005	
Qubit dsDNA HS Assay Kit	ThermoFisher	Q32851	
Qubit 3.0 Fluorometer	ThermoFisher	Q33216	
Covaris Model LE220 Focused-Ultrasonicator	Covaris	500219	
Illumina TruSeq DNA LT Sample Prep Kit	Illumina	15026486	
Illumina HiSeq 2500 instrument	Illumina	SY-401-2501	
gsnap alignment software	open source software / Genentech		<a href="http://research-pub.gene.com/gmap">http://research-pub.gene.com/gmap</a>