

Materials List for:

The ChIP-exo Method: Identifying Protein-DNA Interactions with Near Base Pair Precision

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Materials

Name	Company	Catalog Number	Comments
37% formaldehyde, methanol free, 10 x 10 ml ampules	ThermoFisher Scientific	28908	Section 3
Complete Protease Inhibitor cocktail (CPI)	Roche Life Science	11873580001	Sections 4, 8
Bioruptor sonicator	Diagenode	UCD200	Section 5
15 ml polystyrene tubes	BD Falcon	352095	Section 5
MagSephare Protein G Xtra beads	GE Healthcare	28-9670-66	Section 6
DynaMag-1.5 ml Side Magnetic Rack	Invitrogen	12321D	Sections 6-17, 22
Mini-Tube Rotator	Fisher Scientific	05-450-127	Sections 7, 22
T4 DNA Polymerase	New England BioLabs	M0203	Section 9
DNA Polymerase I, Klenow	New England BioLabs	M0210	Section 9
10x NEBuffer 2 (10x Reaction Buffer 2)	New England BioLabs	B7002	Sections 9-11, 13, 15, 20
Thermomixer C	Eppendorf	5382	Sections 9-16
ATP	Roche Life Science	010419979001	Sections 9, 11, 13
dNTPs	New England BioLabs	N0447	Sections 9, 12, 19, 23
T4 Polynucleotide Kinase	New England BioLabs	M0201	Sections 9, 13
dATP	New England BioLabs	N0440	Sections 10, 20
Klenow 3'-5' Exo Minus	New England BioLabs	M0212	Sections 10, 20
T4 DNA ligase	New England BioLabs	M0202	Sections 11, 21
Φ-29 DNA Polymerase	New England BioLabs	M0269	Sections 12, 19
10x Φ-29 Buffer	New England BioLabs	B0269	Sections 12, 19
Lambda Exonuclease	New England BioLabs	M0262	Section 14
10x Lambda Buffer	New England BioLabs	B0262	Section 14
RecJ _f Exonuclease	New England BioLabs	M0264	Section 15
Proteinase K	Roche Life Science	03115828001	Section 16
Glycogen	Roche Life Science	010901393001	Section 18
10x T4 Ligase Buffer	New England BioLabs	B0202	Section 21
AMPure XP (clean up) beads	Beckman Coulter	A63881	Section 22
Q5 Hot Start DNA Polymerase	New England BioLabs	M0493	Section 23
5x Q5 Buffer (5x PCR Buffer)	New England BioLabs	B9027	Section 23
QIAquick Gel Extraction Kit	Qiagen	28704	Section 25
Qubit Fluorometer	Invitrogen	Q33216	Section 26

Optical Clear Qubit tubes	Invitrogen	Q32856	Section 26
Qubit dsDNA High Sensitivity Assay kit	Invitrogen	Q32851	Section 26