

Materials List for:

# Associated Chromosome Trap for Identifying Long-range DNA Interactions

Jianqun Ling<sup>1</sup>, Andrew R. Hoffman<sup>1</sup>

<sup>1</sup>Medical Service, VA Palo Alto Health Care System, Stanford University School of Medicine

Correspondence to: Andrew R. Hoffman at [arhoffman@stanford.edu](mailto:arhoffman@stanford.edu)

URL: <https://www.jove.com/video/2621>

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## Materials

Name	Company	Catalog Number	Comments
RPMI1640 medium	Invitrogen	22400-105	
acrylamide	Invitrogen	15512-023	
ATP solution, 10mM	Invitrogen	AM8110G	
fetal bovine serum	Invitrogen	16000-044	
penicillin-streptomycin	Invitrogen	15140-122	
1M Tris pH8.0	Invitrogen	AM9856	
RNase A	Invitrogen	12091-039	
SDS	Invitrogen	15525-017	
urea	Invitrogen	15505-035	
<i>Bam</i> H I	New England Biolabs	R0136T	
<i>Bgl</i> II	New England Biolabs	R0144M	
<i>Dpn</i> II	New England Biolabs	R0543T	
<i>Msp</i> I	New England Biolabs	R0106S	
dNTPs	New England Biolabs	N0447L	
proteinase K	New England Biolabs	P8102S	
T4 DNA ligase	New England Biolabs	M0202T	
37% formaldehyde	Sigma-Aldrich	F8775	
Bis-acrylamide	Sigma-Aldrich	146072	
dithiothreitol	Sigma-Aldrich	43815	
glycine	Sigma-Aldrich	50046	
PMSF	Sigma-Aldrich	93482	
proteinase inhibitor	Sigma-Aldrich	S8830	
Nonidet P-40	Roche Group	11754599001	
KlenTaq1	Ab peptides	1001	
dCTP alpha P32	PerkinElmer, Inc.	BLU513H250UC	
PTC-100 Thermal Cycler	MJ Research	mjptc100	
Power Supply	Bio-Rad	164-5056	
OmniPAGE Maxi	Aurogene Life Science	VS20D	
Typhoon 9400	GE Healthcare	63-0055-78	