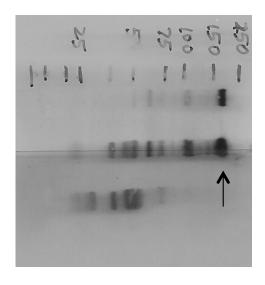
ENCODE DCC Antibody Validation Document

Date of Sub	mission [06/15/2012							
Name: Tru	pti Kawli			Ema	il: trupti	@stanfor	d.edu		
		Lab	Snyder						
Antibody Na	ame: CDP	(sc6327)		Ta	rget: C	OP			
		Compar Source:	Santa C	Cruz					
Catalog Numb	oer, databa	se ID, laboratory	SC6327		Lot	: Number	E0709)	
Antibody Description:	CDP (C-20 erminus o) is an affinity pu	rified goat po rigin.	lyclonal	antibody	raised aç	gainst a	peptide mapping	at the C-
Target Description:	DP (for C revelopme fanscription formains of yiciling C ransition i	CAAT displacem mai activating pro epeals was activating prease see activation of properties of the october and the genes, allowing	ent protein) v denes for bind to bind to bin which be the valed big ein cells to progr	vas ider höngor liginding DNA-bli e Hilde- ess iror	itified as the promise domination domination domination domination of the solution	a repress ter region with 87 in with 87 in JP. Histon x regulat phase	or for tr appea is of va depend e HiNF- e exore es the t	an-scription of the state of the specific complete with the specific control of the specific control o	contains han FiNA contains tone H4,
Spe	ecies Targe	t Human		Sp	oecies Hos	Goat			
Val	idation Me	thod #1 Immunop	precipitation	Vā	alidation N	Лethod #2	IP-Ma	ss Spec	
	rification thod	Affinity			olyclonal/ onoclona	Polyclo	nal		
		Vendor URL:	http://ww	yw scht ibody:hi	com/data	sheet-63	27-cdp-		
Reference (PI/ Publication Information)									
	s are not list	ing for antibodies ed in the drop-down information		odificatio	ns:				
Histone Name		AA modified			AA P	osition		Modification	

Immunopresipitation was \$26937 Lane 3: Bound that is highly enriched in Comment: Immunopresi Inch specific Nacoberral meets this ENCODE crit	sperformed on nuclear lysates from K562 cells using antibody SC6327 charterial from muclear lysates from K562 cells using antibody SC6327 charterial from minimum perecipitation with SC6327 charterial specifically immunity of charterial charterial charterial with the specifically immunity of charterial charterial pitation, from K562 nuclear lysate sprice as a protein of 180KD. There we have a protein of an antibody of the sent in control IP. Based on these observations, this antibody error.
Validation #1 Analysis	

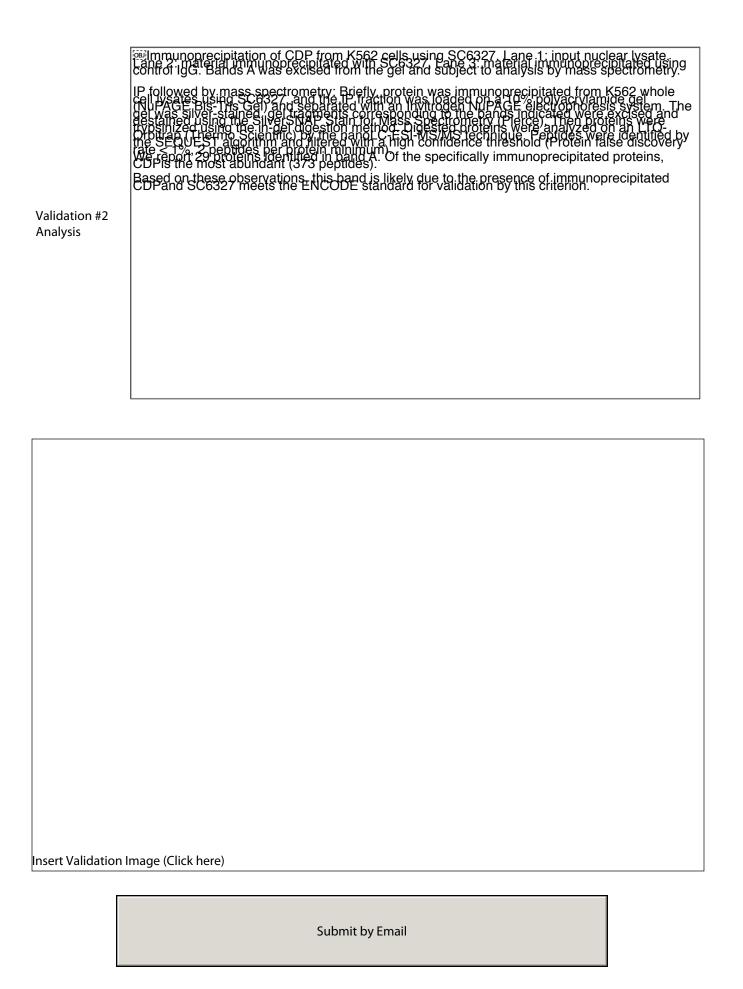
Insert Validation Image (click here)



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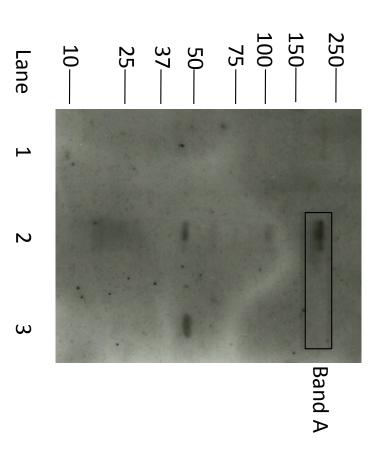
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4



Immunoprecipitation assay (IP) + mass spectrometry assay





Lane 1 Input lysate

Lane 2 Bound material from IP

Lane 3 Bound material from IP using non-specific IgG

Spectrum	Name of Protein	Count of Peptides	Ratio(CDP/IgG Control)
CDP_Band A	Isoform 6 of Homeobox protein cut-like 1 (CDP)	373	NOT IN CONTROL IP
CDP_Band A	Protein CASP	37	NOT IN CONTROL IP
CDP_Band A	Elongation factor 1-alpha	15	NOT IN CONTROL IP
CDP_Band A	Histone H1.2	8	NOT IN CONTROL IP
CDP_Band A	Histone H1.3	8	NOT IN CONTROL IP
CDP_Band A	Protein S100-A9	8	NOT IN CONTROL IP
CDP_Band A	X-ray repair cross-complementing protein 5	8	NOT IN CONTROL IP
CDP_Band A	Heat shock protein HSP 90-beta	7	1.4
CDP_Band A	Histone H2A.x	7	NOT IN CONTROL IP
CDP_Band A	Histone H1.4	О	NOT IN CONTROL IP
CDP_Band A	interleukin enhancer-binding factor 3 isoform d	VI	2.5
CDP_Band A	Nucleolar protein 11	VI	NOT IN CONTROL IP
CDP_Band A	Putative elongation factor 1-alpha-like 3	VI	NOT IN CONTROL IP
CDP_Band A	Tubulin, beta	VI	NOT IN CONTROL IP
CDP_Band A	Glyceraldehyde-3-phosphate dehydrogenase	4	NOT IN CONTROL IP
CDP_Band A	Lamin A/C	4	3.5
CDP_Band A	ALB protein	ω	NOT IN CONTROL IP
CDP_Band A	DNA topoisomerase 2	3	NOT IN CONTROL IP
CDP_Band A	Heterogeneous nuclear ribonucleoprotein A1-like 2	ω	NOT IN CONTROL IP
CDP_Band A	Putative heterogeneous nuclear ribonucleoprotein A1-like 3	ω	NOT IN CONTROL IP
CDP_Band A	Similar to Heterogeneous nuclear ribonucleoprotein A1	3	NOT IN CONTROL IP
CDP_Band A	cDNA FLJ77784	2	NOT IN CONTROL IP
CDP_Band A	NOP56 protein (Fragment)	2	NOT IN CONTROL IP
CDP_Band A	Nucleolar protein 56	2	NOT IN CONTROL IP
CDP_Band A	Nucleolar protein 5A (Fragment)	2	NOT IN CONTROL IP
CDP_Band A	Progerin	2	NOT IN CONTROL IP
CDP_Band A	Rhabdomyosarcoma antigen MU-RMS-40.12	2	NOT IN CONTROL IP
CDP_Band A	Probable ATP-dependent RNA helicase DDX5	12	NOT IN CONTROL IP
CDP_Band A	Putative annexin A2-like protein	12	NOT IN CONTROL IP