

ENCODE DCC Antibody Validation Document

Date of Submission

Name:

Email:

Lab

Antibody Name:

Target:

Company/
Source:

Catalog Number, database ID, laboratory

Lot Number

Antibody
Description:

Target
Description:

Species Target

Species Host

Validation Method #1

Validation Method #2

Purification
Method

Polyclonal/
Monoclonal

Vendor URL:

Reference (PI/
Publication
Information)

Please complete the following for antibodies to histone modifications:
*if your specifications are not listed in the drop-down box,
please write-in the appropriate information*

Histone Name

AA modified

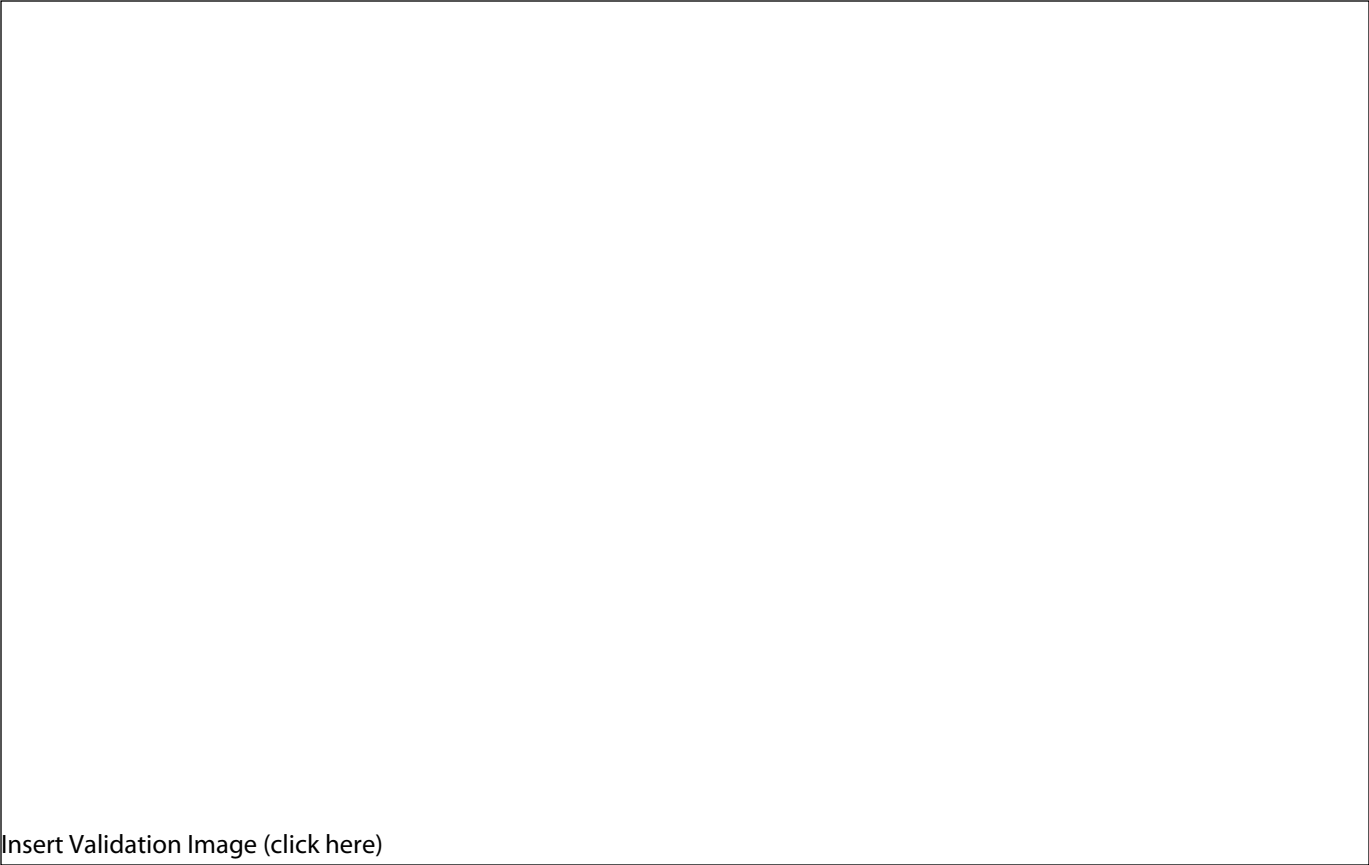
AA Position

Modification

Validation #1
Analysis



Insert Validation Image (click here)



Validation #2
Analysis



Insert Validation Image (Click here)

14 entries (4 single hits) retrieved from
/home/TPP/tpp/20110617_Bowling/int-gb_20110617_LTQ_Bowling_MYBL2-sequest.prot.xml

* corresponds to peptide is_nondegenerate_evidence flag

- 1 UniRef100_P54886 UniRef100_P54886-2 1.0000
confidence: 1. max coverage num unique p tot indep spec share of spectrum id's: 1.44%
>Gamma-glutamyl phosphate reductase n=2 Tax=Homo sapiens RepID=P5CS_HUMAN Length: 795aa
>Isoform Short of Delta-1-pyrroline-5-carboxylate synthase n=1 Tax=Homo sapiens RepID=P54886-2
- 2a UniRef100_A4D2A2 UniRef100_B2RBA6 UniRef100_B4DDF5 UniRef100_C6EMX8 UniRef100_P33993 1.0000
confidence: 1. max coverage num unique p tot indep spec share of spectrum id's: 0.71%
>MCM7 minichromosome maintenance deficient 7 (S. cerevisiae) n=2 Tax=Homo sapiens RepID=A4D2A2_HUMAN Length: 543aa
>cDNA, FLJ95407, highly similar to Homo sapiens MCM7 minichromosome maintenance deficient 7 (S. cerevisiae) (MCM7), mRNA n=1
Tax=Homo sapiens RepID=B2RBA6_HUMAN
>cDNA FLJ55929, highly similar to DNA replication licensing factor MCM7 n=1 Tax=Homo sapiens RepID=B4DDF5_HUMAN
>HsMcm7 n=1 Tax=Homo sapiens RepID=C6EMX8_HUMAN
>DNA replication licensing factor MCM7 n=1 Tax=Homo sapiens RepID=MCM7_HUMAN
- 3a UniRef100_B7Z8D9 UniRef100_P10244 UniRef100_UPI00015DF89E 1.0000**
confidence: : max coverag num unique p tot indep spe share of spectrum id's: 1.79%
>cDNA FLJ57697, highly similar to Myb-related protein B n=1 Tax=Homo sapiens RepID=B7Z8D9_HUMA Length: 676aa
>Myb-related protein B n=1 Tax=Homo sapiens RepID=MYBB_HUMAN
>Myb-related protein B (B-Myb). n=1 Tax=Homo sapiens RepID=UPI00015DF89E
- 4a UniRef100_C5I WV5 UniRef100_P00761 1.0000
confidence: 1. max coverage num unique p tot indep spec share of spect subsumed entries: 3
>Trypsinogen n=1 Tax=Sus scrofa RepID=C5I WV5_PIG Length: 246aa
>Trypsin n=1 Tax=Sus scrofa RepID=TRYP_PIG
- 5a UniRef100_P02769 1.0000
confidence: 1. coverage: 9.4 num unique p tot indep spec share of spect subsumed entries: 5
>Serum albumin n=1 Tax=Bos taurus RepID=ALBU_BOVIN Length: 607aa
- 6a UniRef100_P04264 1.0000
confidence: 1. coverage: 29. num unique p tot indep spec share of spectrum id's: 13.20%
>Keratin, type II cytoskeletal 1 n=1 Tax=Homo sapiens RepID=K2C1_HUMAN Length: 644aa
- 6b UniRef100_P35908 1.0000
confidence: 1. coverage: 22. num unique p tot indep spec share of spect subsumed entries: 2
>Keratin, type II cytoskeletal 2 epidermal n=1 Tax=Homo sapiens RepID=K22E_HUMAN Length: 639aa
- 6c UniRef100_P13647 1.0000
confidence: 1. coverage: 7.8 num unique p tot indep spec share of spect subsumed entries: 3
>Keratin, type II cytoskeletal 5 n=1 Tax=Homo sapiens RepID=K2C5_HUMAN Length: 590aa
- 7a UniRef100_P08238 1.0000
confidence: 1. coverage: 33. num unique p tot indep spec share of spect subsumed entries: 12
>Heat shock protein HSP 90-beta n=1 Tax=Homo sapiens RepID=HS90B_HUMAN Length: 724aa
- 7b UniRef100_P14625 UniRef100_Q5CAQ5 1.0000
confidence: 1. max coverage num unique p tot indep spec share of spect subsumed entries: 1
>Endoplasmic reticulum protein n=1 Tax=Homo sapiens RepID=ENPL_HUMAN Length: 803aa
>Tumor rejection antigen (Gp96) 1 n=1 Tax=Homo sapiens RepID=Q5CAQ5_HUMAN

8a UniRef100_P13639 1.0000
confidence: 1. coverage: 7.6' num unique p_i tot indep spec share of spect subsumed entries: 5
>Elongation factor 2 n=2 Tax=Hominidae RepID=EF2_HUMAN Length: 858aa

9a UniRef100_P13645 UniRef100_UPI00017BCE7F 1.0000
confidence: 1. max coverage num unique p_i tot indep spec share of spect subsumed entries: 1
>Keratin, type I cytoskeletal 10 n=1 Tax=Homo sapiens RepID=K1C10_HUMAN Length: 584aa
>keratin, type I cytoskeletal 10 n=1 Tax=Homo sapiens RepID=UPI00017BCE7F

9b UniRef100_P35527 1.0000
confidence: 1. coverage: 17.1 num unique p_i tot indep spec share of spectrum id's: 5.29%
>Keratin, type I cytoskeletal 9 n=1 Tax=Homo sapiens RepID=K1C9_HUMAN Length: 623aa

10a UniRef100_Q4W4Y1 UniRef100_Q6NUS1 UniRef100_Q8WUM4 UniRef100_UPI00004121D3 1.0000
confidence: 1. max coverage num unique p_i tot indep spec share of spect subsumed entries: 4
>Dopamine receptor interacting protein 4 n=1 Tax=Homo sapiens RepID=Q4W4Y1_HUMAN Length: 868aa
>PDCD6IP protein n=1 Tax=Homo sapiens RepID=Q6NUS1_HUMAN
>Programmed cell death 6-interacting protein n=1 Tax=Homo sapiens RepID=PDC6I_HUMAN
>programmed cell death 6-interacting protein isoform 2 n=1 Tax=Homo sapiens RepID=UPI00004121D3

12a UniRef100_UPI00017BDB3E UniRef100_UPI00017BDB43 1.0000
confidence: 1. max coverage num unique p_i tot indep spec share of spect subsumed entries: 1
>FabOX108 Heavy Chain Fragment n=1 Tax=Homo sapiens RepID=UPI00017BDB3E Length: 229aa
>FabOX117 Heavy Chain Fragment n=1 Tax=Homo sapiens RepID=UPI00017BDB43

11a UniRef100_UPI0000111654 UniRef100_UPI00017BDB3D UniRef100_UPI00017BDB42 0.9999
confidence: 1. max coverage num unique p_i tot indep spec share of spectrum id's: 0.93%
>MONOCLONAL ANTIBODY MAK33 n=1 Tax=Homo sapiens RepID=UPI0000111654 Length: 213aa
>FabOX108 Light Chain Fragment n=1 Tax=Homo sapiens RepID=UPI00017BDB3D
>FabOX117 Light Chain Fragment n=1 Tax=Homo sapiens RepID=UPI00017BDB42

9c UniRef100_P02533 0.9998
confidence: 1. coverage: 6.6' num unique p_i tot indep spec share of spect subsumed entries: 3
>Keratin, type I cytoskeletal 14 n=1 Tax=Homo sapiens RepID=K1C14_HUMAN Length: 472aa

4b UniRef100_P06872 0.9997
confidence: 1. coverage: 6.9' num unique p_i tot indep spec share of spectrum id's: 1.24%
>Anionic trypsin n=2 Tax=Canis lupus familiaris RepID=TRY2_CANFA Length: 247aa

13 UniRef100_A5JHP3 UniRef100_P81605 0.9756
confidence: 0. max coverage num unique p_i tot indep spec share of spectrum id's: 0.72%
>Dermcidin isoform 2 n=1 Tax=Homo sapiens RepID=A5JHP3_HUMAN Length: 121aa
>DCD-1 n=3 Tax=Euarchontoglires RepID=DCD_HUMAN

14 UniRef100_B4DRF6 UniRef100_Q14566 UniRef100_Q4R6V0 0.9523
confidence: 0. max coverage num unique p_i tot indep spec share of spectrum id's: 0.24%
>cDNA FLJ51591, highly similar to DNA replication licensing factor MCM6 (Fragment) n=1 Tax=Homo sapiens RepID Length: 440aa
>DNA replication licensing factor MCM6 n=2 Tax=Homo sapiens RepID=MCM6_HUMAN
>Testis cDNA, clone: QtsA-17068, similar to human MCM6 minichromosome maintenance deficient 6 (MIS5homolog, S. pombe) (S. cerevisiae) (MCM6), n=1 Tax=Macaca fascicularis RepID=Q4R6V0_MACFA

6d UniRef100_Q0IIN1 UniRef100_UPI00001D797A 0.9518
confidence: 1. max coverage num unique p_i tot indep spec share of spectrum id's: 0.90%
>Keratin 77 n=1 Tax=Homo sapiens RepID=Q0IIN1_HUMAN Length: 578aa
>keratin, type II cytoskeletal 1b n=1 Tax=Homo sapiens RepID=UPI00001D797A