

## Known Acetylated Proteins

Acetyl-CoA Synthetase	Importin- $\alpha$	PTEN
ACTR	INFR	Rb
AP endonuclease	Ku70	Runx 2
AR	MEF2A	SHP
ATM	MHG17	Smad2
Brm	Mitochondrial proteins	Smad7
E2F1,-2,-3	c_Myb,C-Myc	SREBP
EKLF	NF-kB	Stat3
EP $\alpha$	p21	TAF(1)68
FoxO1,3,4	p53	TCF
GATA1	p73	TFIIB
HIF-1a	p300	TFIIE $\beta$
Histones	PCNA	TFIIF
HMG A1	PGC-1 $\alpha$	TR/RXR
HSP90	PR	$\alpha$ -tubulin
		WRN

## HDAC Classes

Class I :	HDAC1-3,8
Class II :	HDAC4-7,9,10
Class III :	SIRT1-7
Class IV :	HDACII

## Other Sirtuin Substrates

Acetyl CoA Synthetase	MEF2
$\beta$ -catenin	p53
E2F1	p130
eNOS	PCAF
FoxO	PGC-1 $\alpha$
GCN5	PPAR $\gamma$
Ku70	Rb,p107
LXR	Suv39H1
	tubulin

## Signaling Pathways

