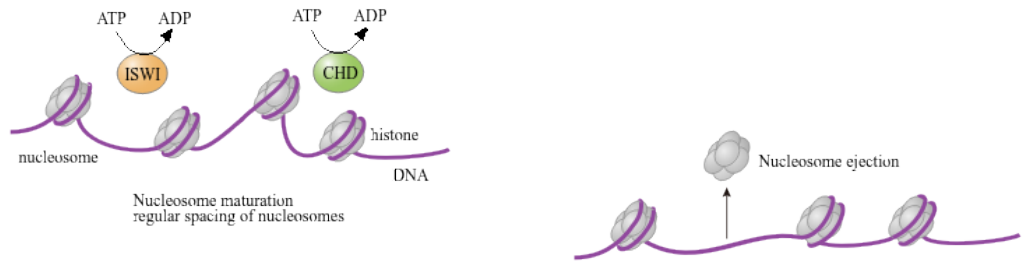
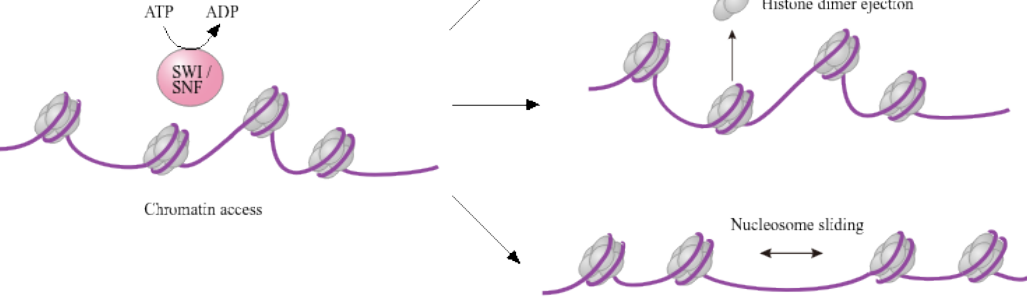


ATP - DEPENDENT CHROMATIN REMODELING

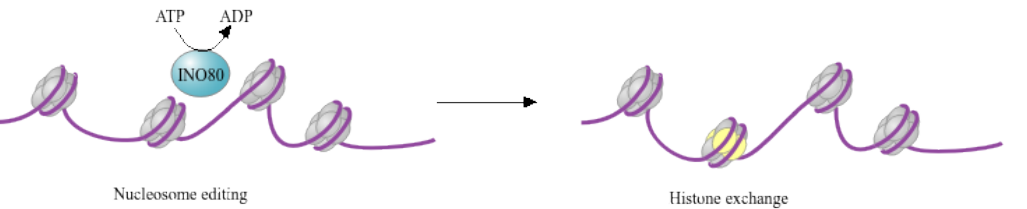
ISWI, CHD



SWI / SNF



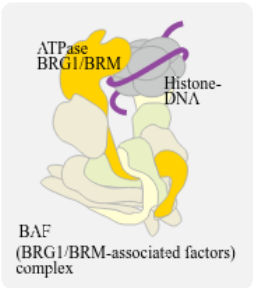
INO80 / SWR



Chromatin remodeling complexes (CRCs)

ISWI family			CHD family		
SMARC			NURD complex		
ACF	A5	BAZ1A	CHD3	CHD4	HDAC
WICH	A5	BAZ1B	MED2	MED3	MTA
NORC	A5	BAZ2A	GATAD2	RBBP4	RBBP7
BRF	A5	BAZ2B	PHF6	CDK2AP	
CHRAC	A5	BAZ1A	CHRAC1	POLE3	
RSF	A5	RSF1			
NURF	A1	BPTF	RBBP4	RBBP7	BAP18
	A5				NURF38
CERF	A1	CECR2			

SWI / SNF family		
BAF complex		
BRG1/BRM		
SMARC	A2/4	B1
	C	D
	E1	
	ACTB	ACTL6
	BCL7	
		SS18
BAF	ARID1	DPF1/3
	DPF2	
PBAF	ARID2	PBRM1
	BRD7	PHF10
ncBAF	BRD9	BICRA
	BICRAL	



INO80 / SWR family		
INO80 complex		
INC80	INC80B	INC80C
INC80D	INC80E	TEPT
UCHL5	RUVBL	ACTL6
ACTR5	ACTR3	YY1
yeast	IES1	IES2
	IES3	IES4
	IES5	TAF14
	NHP10	ARP4
SRCAP complex		
SRCAP	RUVBL	ACTL6
ACTB	DMAPI	YEATS4
VPS72	H2A.Z	ACTR6
ZNHIT1		
p400 (TIP60) complex		
p400	RUVBL	ACTL6
ACTB	DMAPI	YEATS4
VPS72	H2A.Z	
TRRAP	MRE11	MRG1P
BRD8	BRD9	EPC
EAF6	TIP60	