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钙离子信号途径依赖性磷酸酶 PP2B 和 PP1 $\alpha$  协同激活 P-TEFb 复合体的分子机制

Calcium signaling pathway dependent activation of P-TEFb transcription activity by the cooperative function of PP2B and PP1 $\alpha$

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## 目 录

英文缩略语对照表.....	X
中文摘要.....	XIII
英文摘要.....	XV
<b>第 1 章 前言</b> .....	1
<b>1.1 真核基因转录的概述</b> .....	1
1.1.1 真核基因转录循环.....	1
1.1.2 Pol II 的结构.....	3
1.1.3 CTD 的磷酸化循环.....	3
1.1.4 多种转录延伸因子及辅助因子参与调控 Pol II 的催化活性.....	5
<b>1.2 P-TEFb 复合体的结构与功能以及活性调控方式</b> .....	6
1.2.1 P-TEFb 复合体的组成简介.....	6
1.2.2 活化态与非活化态 P-TEFb 复合体之间高度动态的转换平衡.....	7
1.2.2.1 7SK snRNA 和 HEXIM1 蛋白俘获 P-TEFb 复合体形成抑制态的 7SK snRNP 复合体.....	7
1.2.2.2 Brd4 蛋白结合的 P-TEFb 复合体具备转录活性.....	8
1.2.3 P-TEFb 复合体活性调控的多层性.....	8
1.2.2.4 细胞严密维持活化态与非活化态 P-TEFb 复合体之间的比例平衡.....	9
1.2.3 P-TEFb 复合体在生理、病理等诸多方面的功能.....	11
1.2.3.1 P-TEFb 复合体在转录延伸和 RNA 剪辑过程中的作用.....	11
1.2.3.2 P-TEFb 复合体是宿主细胞中协同 HIV-1 转录的关键性因子.....	13
1.2.3.3 P-TEFb 复合体参与肿瘤发生以及心肌肥大等病理型病变.....	14
<b>1.3 参与心肌肥大信号调控的途径</b> .....	15
1.3.1 G 蛋白耦联受体信号途径.....	16
1.3.2 MAPK 信号途径.....	17

1.3.3	PI3K-AKT 信号途径	17
1.3.4	Calcineurin (PP2B)-NFAT 信号途径	18
1.4	钙离子信号途径与基因转录的关联	20
1.4.1	Calcineurin - NFAT 信号途径调控基因转录的精细特征	20
1.4.2	CaM 依赖性激酶参与基因转录调控	20
1.4.3	PP2B 调控的其他转录因子	22
1.5	PP2B 的活性调控	22
1.5.1	PP2B 的天然抑制蛋白	22
1.5.2	调控 PP2B 活化的分子机制: CaM 依赖/非依赖性途径	23
1.6	本课题研究的目标、内容和意义	24
1.6.1	研究背景和目标	24
1.6.2	研究内容和意义	25
<b>第2章</b>	<b>实验材料与方法</b>	<b>27</b>
2.1	实验药品、试剂与仪器	27
2.1.1	细胞株、菌株和质粒资源	27
2.1.2	主要试剂和材料	27
2.1.3	主要实验仪器和耗材	28
2.2	实验方法	29
2.2.1	大肠杆菌感受态细胞的制备及质粒转化	29
2.2.1.1	感受态细胞的制备	29
2.2.1.2	质粒转化	30
2.2.2	质粒DNA的制备	31
2.2.2.1	质粒DNA小量提取	31
2.2.2.2	质粒大量提取(QIAGEN试剂盒法)	32
2.2.3	质粒DNA亚克隆相关操作	33
2.2.3.1	DNA 限制性内切酶酶切	33
2.2.3.2	DNA 样品琼脂糖凝胶电泳	33
2.2.3.3	琼脂糖胶回收 DNA 片段(QIAGEN 试剂盒)	34
2.2.3.4	DNA 连接	35

2.2.3.5	特异性 ShRNA 的构建.....	35
2.2.3.6	普通 PCR 反应.....	36
2.2.3.7	突变 PCR 反应(改进型 QuikChange 方案).....	36
<b>2.2.4</b>	<b>细胞学相关实验.....</b>	<b>37</b>
2.2.4.1	细胞培养.....	38
2.2.4.2	细胞瞬时转染.....	38
2.2.4.3	细胞的药物处理.....	39
2.2.4.4	全细胞裂解液.....	40
2.2.4.5	细胞核蛋白抽提(NE).....	40
2.2.4.6	免疫共沉淀.....	41
2.2.4.7	磷酸酶体外实验.....	42
2.2.4.8	免疫印记实验(Western blot).....	42
2.2.4.9	核酸杂交实验(Northern blot).....	43
2.2.4.10	Luciferase 转录活性分析(Promega).....	44
2.2.4.11	钙离子内流荧光实验.....	44
<b>第 3 章</b>	<b>实验结果与讨论.....</b>	<b>46</b>
<b>3.1</b>	<b>结果.....</b>	<b>46</b>
<b>3.1.1</b>	<b>P-TEFb 复合体活性诱导模式以及活性调控的分子信号途径筛选.....</b>	<b>46</b>
3.1.1.1	P-TEFb 复合体活性诱导模式筛选.....	46
3.1.1.2	P-TEFb 复合体活性调控分子机制的摸索.....	48
<b>3.1.2</b>	<b>胞内钙离子信号通路调控 P-TEFb 复合体的活性.....</b>	<b>52</b>
3.1.2.1	UV 处理和 HMBA 辐射能引发的钙离子内流.....	52
3.1.2.2	UV 和 HMBA 处理触发的钙离子内流在 7SK snRNP 复合体解离及 P-TEFb 复合体活化上起关键性的作用.....	52
3.1.2.3	培养基内含的钙离子是 UV 和 HMBA 处理造成 7SK snRNP 复合体解离的必备条件.....	55
3.1.2.4	钙离子信号下游传导因子 PP2B 和 calmodulin 也是 UV 和 HMBA 处理引发的 7SK snRNP 复合体解离所必须的.....	58

3.1.3 PP1 $\alpha$ 在 PP2B 的协助下协同作用引发 7SK snRNP 复合体的解离并增强 Tat 激活的 HIV-1 转录.....	63
3.1.3.1 磷酸酶 PP1 $\alpha$ 也参与了 7SK snRNP 复合体的解离.....	63
3.1.3.2 PP2B 与 PP1 $\alpha$ 在体内协同作用引发 7SK snRNP 复合体的解离并增强 Tat 激活的 HIV-1 转录.....	68
3.1.3.3 PP2B 协助 PP1 $\alpha$ 解离 7SK snRNP 复合体.....	71
3.1.4 PP1 $\alpha$ 去磷酸化 CDK9 pT186 是 UV 和 HMBA 处理引发 7SK snRNP 复合体解离的核心事件.....	73
3.1.4.1 PP2B 协助 PP1 $\alpha$ 去磷酸化 CDK9 pT186 导致 7SK snRNP 复合体的解离.....	74
3.1.4.2 CDK9 pT186 去磷酸化是 UV 和 HMBA 处理引发 7SK snRNP 复合体解离的核心事件.....	79
3.1.5 补充数据.....	83
3.2 讨论.....	85
3.2.1 真核基因转录延伸过程调控的新分子机制: CDK9 T186 位点磷酸化水平波动式的动态转换以调控 P-TEFb 复合体活性.....	85
3.2.2 7SK snRNP 复合体解离的分子模式图.....	87
3.2.3 P-TEFb 复合体的活性调控与相关的恶性疾病致病机理再认识.....	91
参考文献.....	93
致谢.....	107
个人简历.....	108



## Catalogue

<b>Abbreviation</b> .....	X
<b>Abstract in Chinese</b> .....	XIII
<b>Abstract in English</b> .....	XV
<b>Chapter I Forewords</b> .....	1
<b>1.1 Profiles of transcription in eukaryotes</b> .....	1
<b>1.1.1 Steps of transcription mediated by RNA Pol II in eukaryotes</b> .....	1
<b>1.1.2 The core RNA Pol II</b> .....	3
<b>1.1.3 Phosphorylation cycle of the Pol II CTD</b> .....	3
<b>1.1.4 Regulation of Pol II catalytic activity by many elongation factors and coactivators</b> .....	5
<b>1.2 Structure and functions of P-TEFb complex and its general regulation machinery</b> .....	6
<b>1.2.1 Subunit composition of P-TEFb</b> .....	6
<b>1.2.2 Dynamic exchanges between positive and negative regulators in association with P-TEFb</b> .....	7
1.2.2.1 The 7SK snRNA and HEXIM1 protein sequester P-TEFb into an inactive 7SK snRNP complex.....	7
1.2.2.2 CDK9 and Cyclin T1 interact with the bromodomain protein Brd4 to form the transcriptionally active P-TEFb complex.....	8
1.2.2.3 Control of P-TEFb activity is accomplished by multi-modification of its subunits from different levels.....	8
1.2.2.4 Cells strive to maintain a delicate balance between the active and inactive P-TEFb subpopulations.....	9
<b>1.2.3 Multifunctional P-TEFb for the cellular regulation of physiological and pathological changes</b> .....	11
1.2.3.1 P-TEFb is a general transcriptional elongation factor and affects	

pre-mRNA splicing.....	11
1.2.3.2 P-TEFb is a pivotal host cellular cofactor for HIV-1 transcription.....	13
1.2.3.3 P-TEFb serves to develop tumorigenesis and pathological cardiac hypertrophy.....	14
<b>1.3 A group of signal-transduction pathways that probably function as central mediators of the cardiac growth and remodeling response.....</b>	<b>15</b>
1.3.1 Initiation of G-protein-coupled receptors signaling at the cell membrane.....	16
1.3.2 MAPK signaling in cardiac hypertrophy.....	17
1.3.3 Hypertrophic regulators: the PI3K-AKT pathway.....	17
1.3.4 The calcineurin (PP2B)-NFAT circuit.....	18
<b>1.4 Calcium signaling pathway in regulating transcription.....</b>	<b>20</b>
1.4.1 Precise control of transcription through Ca <sup>2+</sup> , PP2B, and NFAT signaling.....	20
1.4.2 CaM-dependent protein kinase cascades in transcriptional regulation.....	20
1.4.3 PP2B and regulation of NF-κB, AP-1 and Mef2 transcriptional activity.....	22
<b>1.5 Regulation of protein phosphatase PP2B activity.....</b>	<b>22</b>
1.5.1 Inherent PP2B inhibitors.....	22
1.5.2 Molecular mechanism of PP2B activation: intrinsic Ca <sup>2+</sup> /calmodulin-dependent or -independent cascade.....	23
<b>1.6 Backgrounds, aims, contents and significance of this projects.....</b>	<b>24</b>
1.6.1 Backgrounds and aims.....	24

1.6.2	contents and significance.....	25
<b>Chapter II</b>	<b>Materials and methods.....</b>	<b>27</b>
<b>2.1</b>	<b>Reagents and instruments.....</b>	<b>27</b>
2.1.1	Cell lines, <i>E.coli</i> and plasmids.....	27
2.1.2	Reagents and materials.....	27
2.1.3	Instruments and expendable supplies.....	28
<b>2.2</b>	<b>Protocols and recipes.....</b>	<b>29</b>
2.2.1	Preparation of competent <i>E.coli</i> cells and plasmids transformation.....	29
2.2.1.1	Preparation of competent <i>E.coli</i> cells.....	29
2.2.1.2	Plasmids transformation.....	30
2.2.2	Plasmid DNA extraction and purification.....	31
2.2.2.1	Small-scale plasmid DNA extraction.....	31
2.2.2.2	Large-scale plasmid DNA extraction and purification (by QIAGEN Plasmid Maxi Kit).....	32
2.2.3	DNA subcloning.....	33
2.2.3.1	Restriction endonuclease digestion of DNA.....	33
2.2.3.2	Agarose gel electrophoresis DNA sample.....	33
2.2.3.3	DNA Extraction from Agarose Gel (by QIAquick Gel Extraction Kits).....	34
2.2.3.4	DNA ligation.....	35
2.2.3.5	Specific shRNA construction.....	35
2.2.3.6	Polymerase chain reaction.....	36
2.2.3.7	PCR mutagenesis (by our modified QuikChange Site-Directed Mutagenesis).....	36
2.2.4	Cell biology protocols.....	37
2.2.4.1	Cell culture.....	38
2.2.4.2	Transient transfection of HeLa cells.....	38
2.2.4.3	Pharmacological induction.....	39

2.2.4.4	Whole cells lysate.....	40
2.2.4.5	Nuclear extract preparation.....	40
2.2.4.6	Co-Immunoprecipitation purification.....	41
2.2.4.7	Phosphatase treatment of affinity purified 7SK snRNP <i>in vitro</i> .....	42
2.2.4.8	Western blotting.....	42
2.2.4.9	Northern blotting.....	43
2.2.4.10	Luciferase assay (Promega).....	44
2.2.4.11	Visualization of calcium-influx by fluorescence.....	44
<b>Chapter III Results and Discussion.....</b>		<b>46</b>
<b>3.1 Results.....</b>		<b>46</b>
<b>3.1.1 Screening the molecular signaling pathway involved in induction and regulation of P-TEFb activity.....</b>		<b>46</b>
3.1.1.1	Tracing induction model of P-TEFb activation.....	46
3.1.1.2	Investigating the molecular regulation signaling of P-TEFb activity.....	48
<b>3.1.2 Control of P-TEFb activity by calcium signaling.....</b>		<b>52</b>
3.1.2.1	HMBA treatment and UV irradiation trigger calcium influx....	52
3.1.2.2	Ca <sup>2+</sup> entry is key for UV- and HMBA-induced disruption of 7SK snRNP and activation of P-TEFb.....	52
3.1.2.3	Depletion of Ca <sup>2+</sup> from medium abolished HMBA- or UV-induced activation of P-TEFb.....	55
3.1.2.4	PP2B and calmodulin are required for HMBA- and UV-induced disruption of 7SK snRNP.....	58
<b>3.1.3 PP2B facilitates PP1<math>\alpha</math> in a synergistic manner to disrupt 7SK snRNP and stimulate HIV-1 Tat transactivation.....</b>		<b>63</b>
3.1.3.1	PP1 $\alpha$ is also required for HMBA- and UV-induced disruption of 7SK snRNP.....	63
3.1.3.2	PP2B and PP1 $\alpha$ function synergistically in directly disrupting	

7SK snRNP and stimulating HIV-1 Tat transactivated transcription.....	68
3.1.3.3 PP2B facilitates PP1 $\alpha$ to disrupt 7SK snRNP.....	71
<b>3.1.4 Dephosphorylation on Thr186 of Cdk9 by PP1 <math>\alpha</math> is a pivotal event in UV- and HMBA-induced disruption of 7SK snRNP.....</b>	<b>73</b>
3.1.4.1 Dephosphorylation of Cdk9 at Thr186 is important for PP2B- and PP1 $\alpha$ -mediated disruption of 7SK snRNP.....	74
3.1.4.2 HMBA- or UV-induced disruption of 7SK snRNP involves the dephosphorylation of Cdk9 at Thr186.....	79
<b>3.1.5 Supplemental Data.....</b>	<b>83</b>
<b>3.2 Discussion.....</b>	<b>85</b>
3.2.1 A novel molecular machinery involved in gene transcriptional elongation process in eukaryotes: a dynamic fluctuant switch in phosphorylation level of CDK9 at Thr186 for the regulation of P-TEFb activity.....	85
3.2.2 Views of the molecular mechanism involved in the 7SK snRNP disruption.....	87
3.2.3 New insights of the correlation between P-TEFb activation and the nosogenesis of its associated malignant diseases.....	91
<b>References.....</b>	<b>93</b>
<b>Acknowledgement.....</b>	<b>107</b>
<b>Curriculum Vitae.....</b>	<b>108</b>

## 英文缩略语对照表

Abbreviation	Full Name
7SK snRNP	7SK small nuclear ribonucleoprotein, HEXIM1/7SK P-TEFb
Act D	Actinomycin D
CAK	CDK-activating kinase
Cal A	Calyculin A
CaM	calmodulin
CaMK	calmodulin dependent kinase
CaMKK	calmodulin-dependent protein kinase kinase
CBP	CREB-binding protein
CIP	Calf intestinal alkaline phosphatase
CKI	Cyclin-dependent kinase inhibitor
CLP-1	Cardiac lineage protein-1
CnB	Calcineurin B
CREB	cAMP response element binding protein
CsA	Cyclosporine A
CTD	C-terminal domain
DFO	Desferrioxamine
DRB	5,6-dichloro-1-b-D-ribofuranosyl-benzimidazole
DSIF	DRB-sensitivity inducing factor
ER $\alpha$	Estrogen receptor alpha
GMCSF	Granulocyte-macrophage colony-stimulating factor
GPCR	G-protein-coupled receptor
GR	Glucocorticoid receptor
GSK3 $\beta$	Glycogen synthase kinase-3 $\beta$
GTF	General transcription factor
HDAC	Histone deacetylase

## 英文缩略语对照表

HIV-1	Human immunodeficiency virus type 1
HMBA	Hexamethylene bisacetamide
HU	Hydroxyurea
IGF-I	Insulin-like growth factor-I
JNK	C-Jun N-terminal kinase
LTCC	L-type calcium channels
LTR	Long terminal repeats
MAPK	Mitogen-activated protein kinase
MAT1	Ménage a trois
MCLR	Microcystin LR
MEF2	Myocyte enhancer binding factor 2
MELC	Murine erythroleukemia cell
MLR	Microcystin-LR
MMP	Matrix metalloproteinase
mTOR	Mammalian target of rapamycin
Myr-AKT	Myristoylation signal-attached Akt
NCS	Neocarzinostatin
NELF	Negative elongation factor
NFAT	Nuclear factor of activated T cells
NRF-1	Nuclear respiratory factor 1
NTEF	Negative transcription elongation factor
PAPP	Potato acid phosphatase
PDK1	Phosphoinositide-dependent kinase-1
PH	Pleckstrin-homology
PI3K	Phosphoinositide-3 kinase
PIC	Preinitiation complex
PKA	cAMP-dependent protein kinase
PKB	Protein kinase B

## 英文缩略语对照表

PKC	Protein kinase C
Pol II	RNA polymerase II
PP1 $\alpha$	Protein phosphatase 1 $\alpha$
PP2B / CaN	Calcineurin
PP2B CA	Constitutively active form of calcineurin A
PP2B IN	Catalytically inactive mutant of calcineurin A
PtdIns(4,5)P <sub>2</sub>	Phosphatidylinositol-4,5-bisphosphate
PtdIns(3,4,5)P <sub>3</sub>	Phosphatidylinositol-3,4,5-trisphosphate
P-TEFb	Positive transcription elongation factor b
S6K1	S6 kinase-1
SKIP	Splicing-associated c-Ski-interacting protein
snRNP	Small nuclear ribonucleoprotein particle
TAR	Transacting-response
TBP	TATA box-binding protein
TEC	Transcript elongation complex
TF II (D, B, E, F, & H)	Transcription factor II (D, B, E, F, & H)
TFAM	Transcription factors-mitochondrial transcription factor A



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