

旱柳 *CIPK* 基因家族鉴定及 *SmSOS2* 的耐盐功能研究

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Identification of *CIPK* Gene Family in *Salix matsudana* and Study on the Salt Tolerance Function of *SmSOS2*

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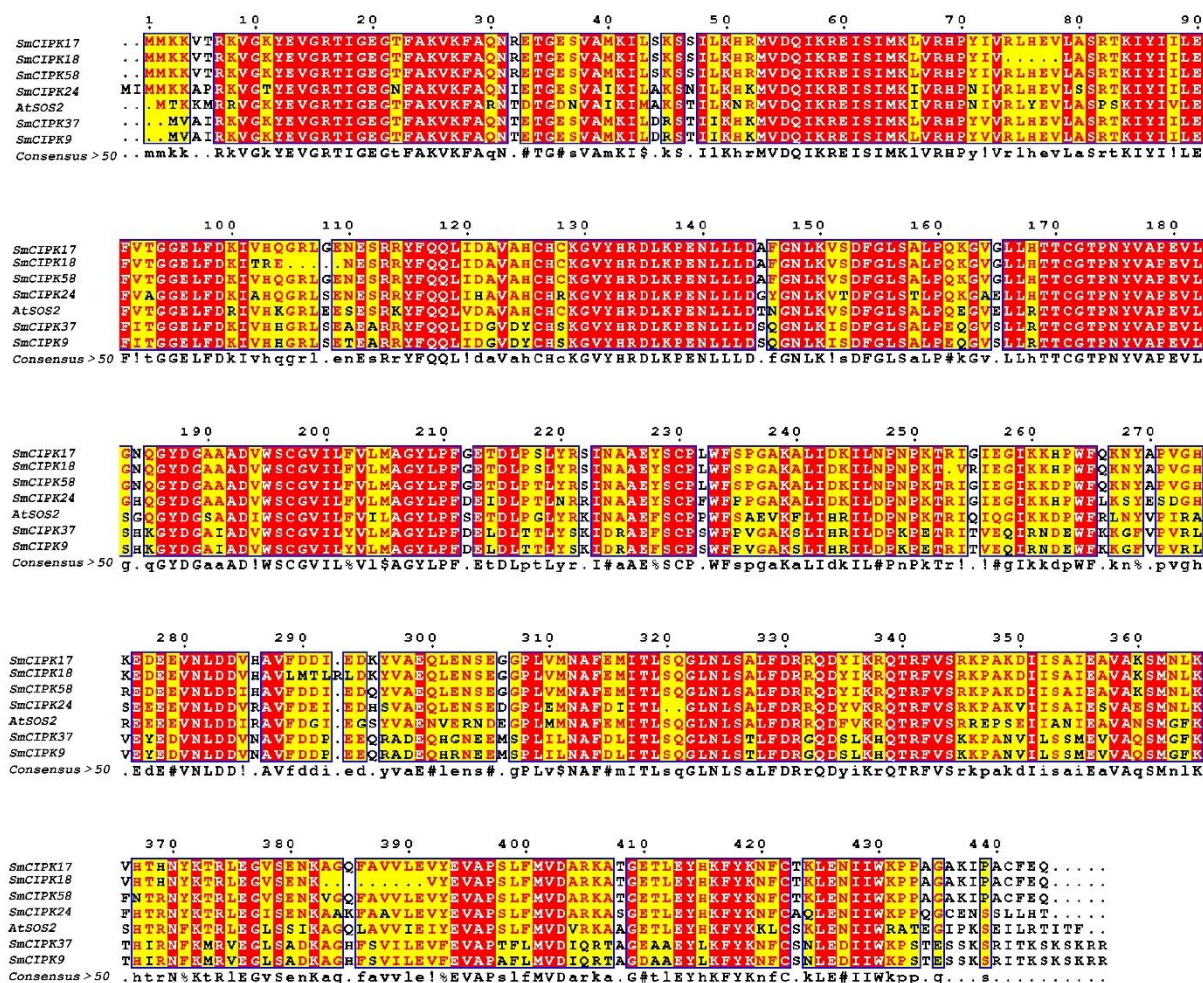
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附表 1 本研究所使用的引物序列

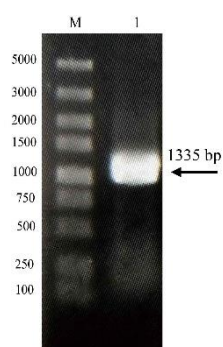
Supplemental Table 1 The primer sequences used in this study

引物名称	Primer name	引物序列	Primer sequence (5'-3')
T- <i>SmCIPK17</i> -F		ATGATGAAGAAAGTAACGAGAAAGG	
T- <i>SmCIPK17</i> -R		TCATTGTTCTGAAGCAGGCAG	
T- <i>SmCIPK58</i> -F		ATGATGAAGAAAGTAACGAGAAAGG	
T- <i>SmCIPK58</i> -R		TCATTGTTCTGAAGCAGGCAG	
qPCR- <i>SmSOS2</i> -F		CGATCGATAAATGCTGCGGAA	
qPCR- <i>SmSOS2</i> -R		ATCTTCCCTATGTCCAACAGGAG	
PWM101- <i>SmSOS2</i> -F		TCGAGCTTTCGCGAGCTCGGTACC	
		ATGATGAAGAAAGTAACGAGAA	
PWM101- <i>SmSOS2</i> -R		GCATGCCTGCAGGTCGACTCTAGA	
		TCATTGTTCTGAAGCAGGCAGG	
pTRV2- <i>SmSOS2</i> -F		TAAGGTTACCGAATTC	
		GCTCAGAACAGAGAAACAGGAGAG	
pTRV2- <i>SmSOS2</i> -R		CGAGACGCGTGAGCTC	
		CCTCGTGCAGCCTAACTATGTA	
qPCR- <i>SmSOS1</i> -F		TGGGGAATGCTTGATGAGGGAAG	
qPCR- <i>SmSOS1</i> -R		GAACATAGGATCGCAAGCCCTTCC	
<i>atsos2</i> -LP		AAACTCAGGCTCTTGCTCTTC	
<i>atsos2</i> -BP		ATTTTGCCGATTCGGAAC	
<i>atsos2</i> -RP		GTATTCCTTCTGTTGCCCTCC	



附图 1 候选 SmSOS2 同源蛋白序列比对

Supplemental Fig. 1 Sequence alignment of candidate SmSOS2 homologous proteins



附图 2 *SmSOS2* CDS 片段的 PCR 电泳图

Supplemental Fig. 2 PCR electrophoresis profile of *SmSOS2* CDS fragment