

Deciphering the role of SPL12 and AGL6 from a genetic module that functions in nodulation and root regeneration in *Medicago sativa*

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Table S2: Buffers used in ChIP assay and their components

Buffers	Chemicals	Concentration	Buffers	Chemicals	Concentration
Extraction buffer 1	Sucrose	0.4 M	Extraction buffer 2	Sucrose	0.25 M
	Tris-HCl (pH=8)	10 mM		Tris-HCl (pH=8)	10 mM
	MgCl ₂	10 mM		MgCl ₂	10 mM
	β-ME	5 mM		Triton X-100	1%
	PMSF	0.1 mM		β-ME	5 mM
	Protease inhibitor ¹	2 tablets/ 100mL		PMSF	0.1 mM
Extraction buffer 3	Sucrose	1.7 M		Protease inhibitor ¹	1 tablet/10mL
	Tris-HCl (pH=8)	10 mM	Nuclei lysis buffer	Tris-HCl (pH=8)	50 mM
	MgCl ₂	2 mM		EDTA	10 mM
	Triton X-100	0.15%		SDS	1%
	β-ME	5 mM		Protease inhibitor ¹	1 mini tablet/10mL
	PMSF	0.1 mM	ChIP dilution buffer	Triton X-100	1.10%
	Protease inhibitor ¹	1 mini tablet/10mL		EDTA	1.2 mM
	Sucrose	1.7 M		Tris-HCl (pH=8)	16.7 mM
Elution buffer	SDS	1%		NaCl	167 mM
			High salt wash	SDS	0.10%

	NaHCO ₃	0.1M	buffer	Triton X-100	1%
Low salt wash buffer	SDS	0.10%		EDTA	2 mM
	Triton X-100	1%		Tris-HCl pH=8)	20 mM
	EDTA	2 mM		NaCl	500 mM
	Tris-HCl (pH=8)	20 mM	LiCl wash buffer	LiCl	0.25 M
	NaCl	150 mM		IGEPAL-CA630	1%
TE buffer	EDTA	1 mM		Deoxycholic acid	1%
	Tris-HCl (pH=8)	10 mM		EDTA	1 mM
				Tris-HCl (pH=8)	10 mM

¹Obtained from Sigma-Aldrich, Canada