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        |
|                   | MgCl₂         | 10 mM         |                   | MgCl₂         | 10 mM         |
|                   | β-ME           | 5 mM          |                   | Triton X-100  | 1%            |
|                   | PMSF           | 0.1 mM        |                   | β-ME           | 5 mM          |
|                   | Protease inhibitor¹ | 2 tablets/ 100mL |                   | PMSF           | 0.1 mM        |
|                   |                |               |                   | Protease inhibitor¹ | 1 tablet/10mL |
| **Extraction buffer 3** | Sucrose       | 1.7 M         | **Nuclei lysis buffer** | Tris-HCl (pH=8) | 50 mM        |
|                   | Tris-HCl (pH=8) | 10 mM        |                   | EDTA           | 10 mM         |
|                   | MgCl₂         | 2 mM          |                   | SDS            | 1%            |
|                   | Triton X-100  | 0.15%         |                   | Protease inhibitor¹ | 1 mini tablet/10mL |
|                   | β-ME           | 5 mM          |                   | ChIP dilution buffer | Triton X-100 | 1.10%         |
|                   | PMSF           | 0.1 mM        |                   | EDTA           | 1.2 mM        |
|                   | Protease inhibitor¹ | 1 mini tablet/10mL |               | Tris-HCl (pH=8) | 16.7 mM       |
|                   | Sucrose        | 1.7 M         |                   | NaCl           | 167 mM        |
| **Elution buffer** | SDS            | 1%            | **High salt wash** | SDS            | 0.10%         |
| Low salt wash buffer | NaHCO<sub>3</sub> | 0.1M | buffer | Triton X-100 | 1% |
|----------------------|------------------|------|--------|--------------|----|
| SDS                  |                  |      | 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   | 0.25 M       |    |
| NaCl                 | 150 mM           |      | IGEPAL-CA630 | 1%         |    |
| Deoxycholic acid     |                  |      |        | 1%           |    |
| LiCl wash buffer     |                  |      |        |              |    |
| TE buffer            | EDTA             | 1 mM | EDTA   | 1 mM         |    |
|                      | Tris-HCl pH=8    | 10 mM| Tris-HCl pH=8 | 10 mM       |    |

<sup>1</sup> Obtained from Sigma-Aldrich, Canada