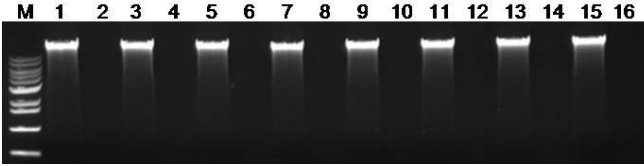
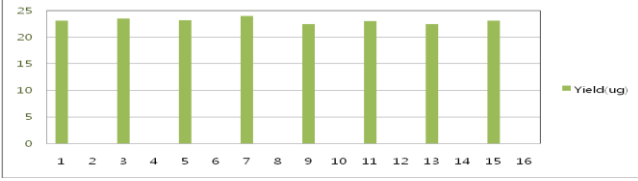


Experimental Report

1. Sample type	Mouse tissue - Lung																
2. Target nucleic acid	Genomic DNA																
3. Starting volume	25mg																
4. Elution volume	50ul																
5. Extraction kit	ExiPrep™ Tissue Genomic DNA Kit (Cat. No. K-3225)																
6. Extraction method	ExiPrep™ 16 (Cat. No. A-5010)																
7. Extraction protocol	Genomic DNA from animal tissue																
8. Material & Method	<div style="text-align: center; margin-bottom: 10px;"> <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td style="width: 20px;">1</td><td style="width: 20px;">2</td><td style="width: 20px;">3</td><td style="width: 20px;">4</td><td style="width: 20px;">5</td><td style="width: 20px;">6</td><td style="width: 20px;">7</td><td style="width: 20px;">8</td></tr> <tr><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr> </table> </div> <p>Green well (1, 3, 5, 7, 9, 11, 13, 15); tissue lysate Gray well (2, 4, 6, 8, 10, 12, 14, 16); D.W</p>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	2	3	4	5	6	7	8										
9	10	11	12	13	14	15	16										
9. Experimental Results	<p>i) Agarose gel electrophoresis</p> <div style="text-align: center; margin-bottom: 10px;">  </div> <p>M; 2ul of 1kb DNA Ladder (Cat. No. D-1040) Lane 1~16; 5ul of eluent 0.8% agarose gel, 150V 40 min</p> <p>ii) Typical yield and purity</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #f2f2f2;"> <th>Sample</th> <th>A_{260/280}</th> <th>Conc.(ng/ul)</th> <th>Yield(ug)</th> </tr> </thead> <tbody> <tr> <td>Mouse Lung</td> <td>≥1.8</td> <td>400~500</td> <td>20~25</td> </tr> </tbody> </table> <div style="text-align: center; margin-top: 10px;">  </div>	Sample	A _{260/280}	Conc.(ng/ul)	Yield(ug)	Mouse Lung	≥1.8	400~500	20~25								
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Mouse Lung	≥1.8	400~500	20~25														
10. Discussions	<p>The results confirmed that the 20 ~ 25 ug genomic DNA purified from 25mg mouse lung tissue was consistently obtained.</p>																