

**Transgenic Core Facility**  
**Institute of Molecular Biology, Academia Sinica**  
**2789-9312, 2652-1438**

Case #: \_\_\_\_\_

**ES Clone Genotyping Result**

<b>Construct Name</b>			
<b>DNA sample number</b>			
<b>Extraction date</b>			
<b>Genotyping Result</b>			
<b>Methods:</b>	<input type="checkbox"/> PCR	<input type="checkbox"/> Southern blot	<b>Date</b>
<b>Number of Positives</b>			
<p><b>(Please attach all of your genotyping result with this form)</b></p> <p><b>Note: Please make sure you satisfy the following requirements</b></p> <p>1. Genotyping method: 5': <input type="checkbox"/> PCR <input type="checkbox"/> Southern Blot; 3': <input type="checkbox"/> PCR <input type="checkbox"/> Southern Blot</p> <p>2. For PCR: The following info should be included:</p> <p><input type="checkbox"/> estimate positive band size _____ bp</p> <p><input type="checkbox"/> estimate endogeneous band size _____ bp</p> <p><input type="checkbox"/> positive control quantity used in PCR _____ pg            (Suggested positive control:0.3 pg construct plasmid mixed with 0.3μg WT gDNA)</p> <p><input type="checkbox"/> negative control (Suggested negative control:0.3μg WT gDNA)</p> <p><input type="checkbox"/> confirmation of the DNA sequence from candidate ES clone(s)</p> <p>3. For Southern Blot: The following info should be included:</p> <p><input type="checkbox"/> estimate positive band size _____ bp</p> <p><input type="checkbox"/> estimate endogeneous band size _____ bp</p> <p><input type="checkbox"/> positive control quantity used in Southern blot _____ pg</p> <p><input type="checkbox"/> negative control</p>			
<b>Requester (Signature)</b>		<b>PI (Signature)</b>	
<b>TCF manager comments</b>			