

# Agrobacterium-mediated Transformation Service Application Form

## The Transgenic Plant Core Facility, Academia Sinica

Date: Running no.

<b>APPLICANT'S INFORMATION</b>	PI :		PI'S e-mail :	
	Affiliation :		Phone :	
	Project:			
	Contact person :	Phone :	E-mail :	
<b>MATERIAL</b>	Plant species: <input type="checkbox"/> <i>Arabidopsis thaliana</i> ( <input type="checkbox"/> Columbia <input type="checkbox"/> mutant : _____, please provide seeds) <input type="checkbox"/> <i>Nicotiana tabacum</i> (W38) <input type="checkbox"/> <i>N. benthamiana</i> <input type="checkbox"/> <i>Solanum lycopersicum</i> var. Microtom ( please contact us if you plan to use any other varieties) <input type="checkbox"/> Rice ( <input type="checkbox"/> TNG67 <input type="checkbox"/> another Japonica : _____, please provide mature seeds  <input type="checkbox"/> indica rice: _____, please provide immature seeds at the age of 9-14DAP) <input type="checkbox"/> <i>Brachypodium distachyon</i>			
	Plasmid : _____ Please provide DNA >200ng/μl, >2μl. Please note, one form for one case only. If you'd like to apply more than one construct/mutant line/variety ( i.e., one case one form).			
	vector : _____ please provide plasmid map	Plant selection force	Tobacco: kanamycin or hygromycin Tomato: kanamycin Rice: hygromycin or bar <i>Brachypodium</i> : hygromycin	
	Please describe the feature of expressed recombinant protein			
	Bio-safety issue	Since this lab is a PI lab, we operate PI materials only: 1. Is the recombinant protein hazardous? <input type="checkbox"/> Yes <input type="checkbox"/> No 2. Is the recombinant protein toxic to human body ? <input type="checkbox"/> Yes <input type="checkbox"/> No. If it is toxic, what process should be taken when generating transgenic materials: _____ 3. How to detoxify the infected materials before discard : _____		
<b>PRICING</b>	1. The service rate: tobacco, NT 6000/ construct; Arabidopsis NT3000/construct; Japonica rice, NT10000/construct; Indica rice, NT15000/construct; Tomato, NT9000/construct; <i>Brachypodium</i> , NT10000/construct. 2. We are going to charge half fee one month after we accept your application, while the <i>Agrobacterium</i> should be ready. Once you receive the putative transformants, the other half would be charged.		NT :	
<b>PI SIGNATURE</b>	Date:			
<b>NOTES</b>	1. Please mention our service in acknowledgement or method and material part while you publish your with the materials produced by our service. 2. The plasmid and <i>Agrobacterium</i> harbored the plasmid would be autoclaved and discard after we finish the case. 3. All materials infected with the <i>Agrobacterium</i> would be autoclaved and discard after we finish each case. 4. We are responsible for conducting transformation process but not the generated transgenic plants. 5. The applicant provides all information needs to be known by the Core staff while conducting this transformation process. 6. The applicant provides plasmid, plasmid map and this form with PI's signature for applying the service. We would not be able to start our service when lacking of any needed information. 7. It behooves the applicant to follow the rules regarding to transgenic plant and recombination DNA/protein. 8. Contact information, phone: 02-27875226 or e-mail: transpl@gate.sinica.edu.tw			

Received:  plasmid;  plasmid map;  seeds      Date: