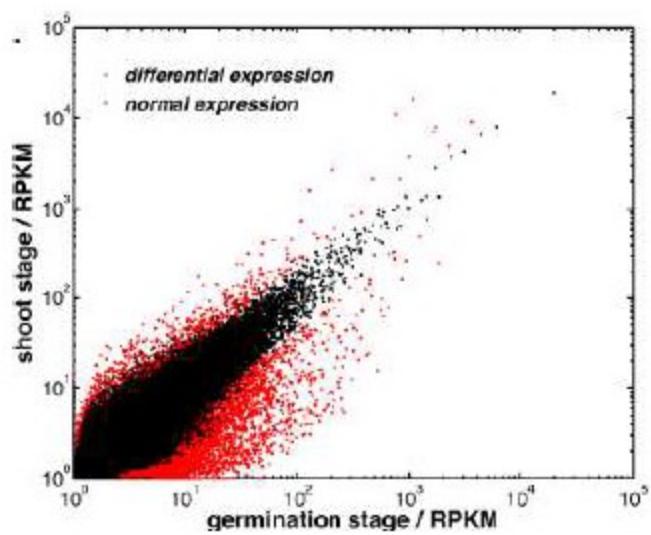
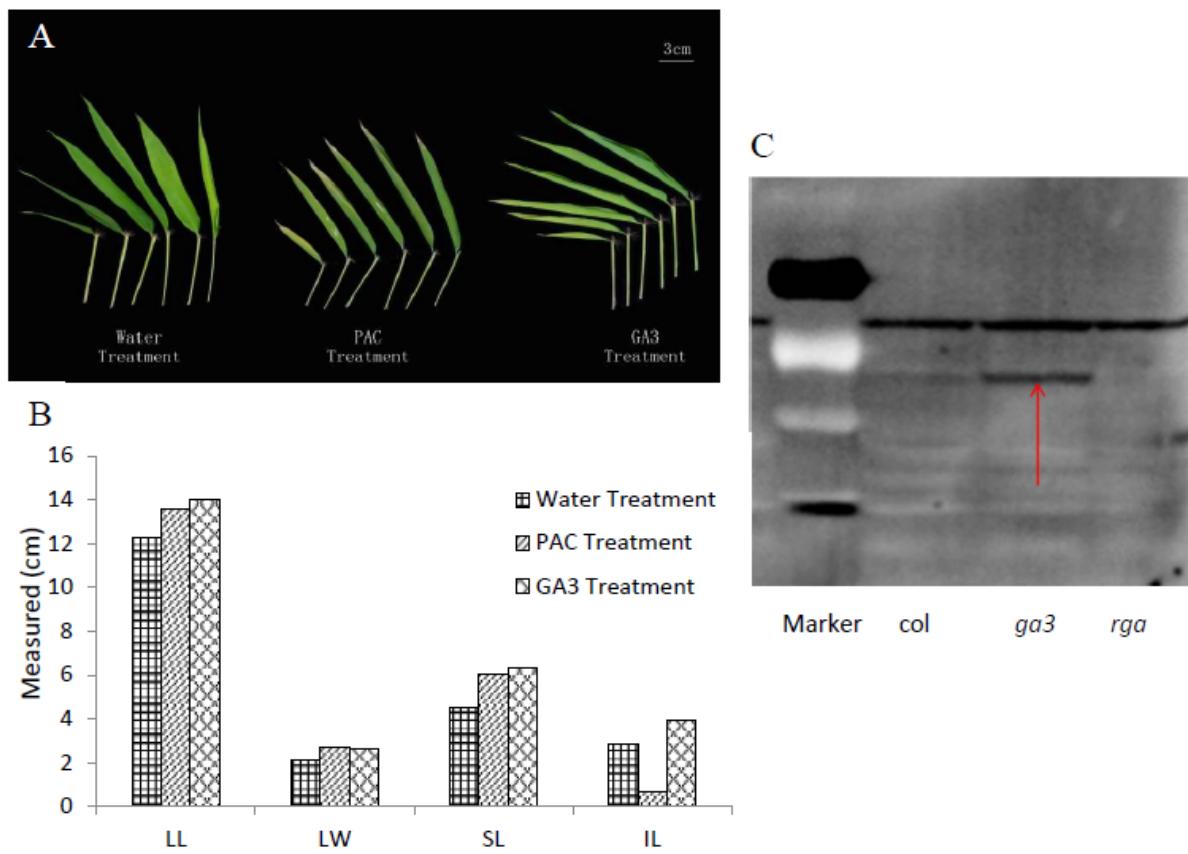


**Figure S1**



**Figure S2**



**Figure S3**

XLOC_007349	MKREYQDAGGSOG-----NMGSSKDMMAAAAGEEEEVDELLAALGYKVRSSDMADVQKLEOLEMAMGMGAVGASAADVDDGFVSHLATDTVHYNPSDLSSWESMLSELNAPPPPLPPAQPRLASTSSTVTGGG-R	140
PH01000142G0910	MKREYQDAGGSOG-----NMGSSKDMMAAAAGEEEEVDELLAALGYKVRSSDMADVQKLEOLEMAMGMGAVGASAADVDDGFVSHLATDTVHYNPSDLSSWESMLSELNAPPPPLPPAQPRLASTSSTVTGGG-R	140
PH02Gene09945.t1	MKREYQDAGGSOG-----NMGSSKDMMAAAAGEEEEVDELLAALGYKVRSSDMADVQKLEOLEMAMGMGAVGASAADVDDGFVSHLATDTVHYNPSDLSSWESMLSELNAPPPPLPPAQPRLASTSSTVTGGG-R	140
OsSLR1	MKREYQEAGGSSCGSSADMGSCDKVKMAGAEEEDVDELLAALGYKVRSSDMADVQKLEOLEMAMGMGVSAGAADVDDGFVSHLATDTVHYNPSDLSSWESMLSELNAPPPPLPPAQPRLASTSSTVTGGG-R	140
	***** * , *** , *** , *** , ***** * , * , * , ***** * , * , * , ***** * , * , * , *****	
XLOC_007349	YFDLPPAVDSSSSTYALRPVLPSPVAPADPS-ADSAREPKRMRTG-----	280
PH01000142G0910	YFDLPPAVDSSSSTYALRP-----	280
PH02Gene09945.t1	YFDLPPAVDSSSSTYALRPIPSVPVAPADPS-ADSAREPKRMRTGCGTSSSSSSSSLGACCSRSSWVEAAPPATOSAAAANAPSVPVVVDTQEAGIRLVHALLACEAEAVQENLTAAEAVVKO1PILAAQSQQGMRK	280
OsSLR1	FFELPAADSSSSTYALRPISLPVVAATADPSAADSARDTKRMRTGGTSSSSSSSSLLGGASRGSVVEAAPPATQAAAANAPAVPVVVVDTQEAGIRLVHALLACEAEAVQENFAAAEVVKQ1PILAAQSQQGMRK	280
	: * , * , *****	
XLOC_007349	-----	XXXX 420
PH01000142G0910	-----	420
PH02Gene09945.t1	VAAYFGEALARRVYRFRTPTDSSLLDAAFADLLHAHFYESCPTYLKFAHFTANQAILEAFAGRHRVHVDFGIKQGMQWPALLQALRPGPPSFRLTGWGPQPDETDLQVQWKLQAQFAHTIRVDFQYRGLVAAATLA	420
OsSLR1	VAAYFGEALARRVYRFRTPA-DSTLLDAAFADLLHAHFYESCPTYLKFAHFTANQAILEAFAGRHRVHVDFGIKQGMQWPALLQALRPGPPSFRLTGWGPQPDETDLQVQWKLQAQFAHTIRVDFQYRGLVAAATLA	420
	*****	
XLOC_007349	DLEPFMLQPEGEADANEEPEVIAVNSVFELHLRLAQPGALEKVLGTVRAVRPRIVTVVEQEANHNSGFLDRFTESLYYSTMFDSLEGAGSQSEISPAGAAAGGGTDQVMSEVYLGRQICNVACEGSERTERHETLG	560
PH01000142G0910	-----PEGEADANEEPEVIAVNSVFELHLRLAQPGALEKVLGTVRAVRPRIVTVVEQEANHNSGFLDRFTESLYYSTMFDSLEGAGSQSEISPAGAAAGGGTDQVMSEVYLGRQICNVACEGSERTERHETLG	560
PH02Gene09945.t1	DLEPFMLQPEGEADANEEPEVIAVNSVFELHLRLAQPGALEKVLGTVRAVRPRIVTVVEQEANHNSGFLDRFTESLYYSTMFDSLEGAGSQSEISPAGAAAGGGTDQVMSEVYLGRQICNVACEGSERTERHETLG	560
OsSLR1	DLEPFMLQPEGEADANEEPEVIAVNSVFELHLRLAQPGALEKVLGTVRAVRPRIVTVVEQEANHNSGFLDRFTESLYYSTMFDSLEGAGSQSEISPAGAAAGGGTDQVMSEVYLGRQICNVACEGSERTERHETLG	560
	*****	
XLOC_007349	QWRNRLGRAGFEPVHLGSNAYKQASTLIALFAGGDGYRVEEKDOCLTLQWHTRPLIATSARDAAA 626	
PH01000142G0910	QWRNRLGRAGFEPVHLGSNAYKQASTLIALFAGGDGYRVEEKDOCLTLQWHTRPLIATSARDAAA 626	
PH02Gene09945.t1	QWRNRLGRAGFEPVHLGSNAYKQASTLIALFAGGDGYRVEEKDOCLTLQWHTRPLIATSARVAAA 626	
OsSLR1	QWRNRLGRAGFEPVHLGSNAYKQASTLIALFAGGDGYRVEEKDOCLTLQWHTRPLIATSARVAAA 626	
	*****	