

**Table S2 Annotation of significance enriched genes in ADP binding term.**

Gene ID	Arabidopsis ortholog gene	Descriptions
<i>Glyma.03G043600</i>	<i>AT3G14470</i>	NB-ARC domain-containing disease resistance protein
<i>Glyma.03G075200</i>	<i>AT3G14470</i>	NB-ARC domain-containing disease resistance protein
<i>Glyma.06G261400</i>	<i>AT5G17680</i>	Disease resistance protein (TIR-NBS-LRR class)
<i>Glyma.06G265400</i>	<i>AT5G17680</i>	Disease resistance protein (TIR-NBS-LRR class)
<i>Glyma.07G065000</i>	<i>AT4G27220</i>	NB-ARC domain-containing disease resistance protein
<i>Glyma.07G065500</i>	<i>AT4G27220</i>	NB-ARC domain-containing disease resistance protein
<i>Glyma.07G065600</i>	<i>AT4G27190</i>	NB-ARC domain-containing disease resistance protein
<i>Glyma.08G319300</i>	<i>AT3G07040</i>	NB-ARC domain-containing disease resistance protein
<i>Glyma.12G239200</i>	<i>AT5G36930</i>	Disease resistance protein (TIR-NBS-LRR class) family
<i>Glyma.13G190000</i>	<i>AT3G14470</i>	NB-ARC domain-containing disease resistance protein
<i>Glyma.15G247600</i>	<i>AT4G27190</i>	NB-ARC domain-containing disease resistance protein
<i>Glyma.16G136900</i>	<i>AT5G17680</i>	Disease resistance protein (TIR-NBS-LRR class)
<i>Glyma.19G055000</i>	<i>AT5G36930</i>	Disease resistance protein (TIR-NBS-LRR class) family
<i>Glyma.19G137200</i>	<i>AT3G14460</i>	LRR and NB-ARC domains-containing disease resistance protein