

**Table S3. Biological coefficients of variation (BCV) for RNA-seq experiment.**

	<b>BCV</b>	<b># of Genes</b>
<b>1) Treatment</b>		
12hr, S	0.455/0.353	12,255/12,559
12hr, R	0.409/0.301	12,292/12,549
48hr, S	0.230	12,944
48hr, R	0.179	13,137
<b>2) Constitutive</b>		
0hr	0.187	13,121
<b>3) Interaction</b>		
12hr	0.3058/0.232	12,945/13,156
48hr	0.161	13,594

12hr values are shown before/after removal of low quality RNA-seq libraries.