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A Functional Kinase Is Necessary for Cyclin-Dependent Kinase G1 (CDKG1) to Maintain Fertility at High Ambient Temperature in Arabidopsis

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Supplementary Table 2: Anther fill and pollen viability of the different lines.

Line	Anther 1	Anther 2	Anther 3	Anther 4	Anther 5	Anther 6	
Col-0	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	anther fill pollen viability
<i>cdkg1-1</i>	- 0-25%	- 0-25%	- 0-25%	- 25-50%	- 0-25%	- 0-25%	
<i>cdkg1-1</i> SC3	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	
<i>cdkg1-1</i> SC5	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	
<i>cdkg1-1</i> SC6	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	
<i>cdkg1-1</i> L1	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	
<i>cdkg1-1</i> L3	+++ 75-100%	+ 25-50%	+++ 75-100%	++ 50-75%	+++ 75-100%	+++ 75-100%	
<i>cdkg1-1</i> L4	+++ 25-50%	+++ 0-25%	++ 0-25%	++ 0-25%	++ 0-25%	++ 25-50%	
<i>cdkg1-1</i> S1	- 0-25%	- 0-25%	- 0-25%	- 0-25%	- 0-25%	- 0-25%	
<i>cdkg1-1</i> S2	+ 0-25%	+ 25-50%	+ 25-50%	- 0-25%	- 0-25%	- 0-25%	
G1p-G2-2	- 0-25%	+ 0-25%	+++ 50-75%	++ 25-50%	+ 0-25%	+ 0-25%	
G1p-G2-3	+++ 50-75%	+++ 50-75%	+++ 0-25%	+++ 50-75%	+ 0-25%	+ 0-25%	
G2p-G2-1	++ 0-25%	+ 0-25%	+++ 75-100%	+++ 50-75%	+++ 50-75%	+ 0-25%	
G2p-G2-2	- 0-25%	+ 0-25%	- 0-25%	+ 25-50%	+ 0-25%	++ 0-25%	
G2p-SC12	+++ 50-75%	++ 50-75%	++ 50-75%	++ 50-75%	+ 50-75%	++ 50-75%	
G2p-SC14	+ 25-50%	+ 25-50%	++ 50-75%	+ 25-50%	++ 50-75%	++ 50-75%	
MutSC1	- 0-25%	- 0-25%	- 0-25%	- 0-25%	- 0-25%	- 0-25%	
MutSC2	- 0-25%	- 0-25%	- 0-25%	- 0-25%	- 0-25%	- 0-25%	
MutL1	- 25-50%	- 25-50%	- 0-25%	- 25-50%	- 0-25%	- 0-25%	
MutL5	- 0-25%	- 0-25%	- 0-25%	- 0-25%	- 0-25%	- 0-25%	
MutS2	- 0-25%	- 0-25%	- 0-25%	- 0-25%	- 0-25%	- 0-25%	
MutS3	- 0-25%	- 0-25%	- 0-25%	- 0-25%	- 0-25%	- 0-25%	
Col-0 SC2	- 0-25%	- 0-25%	- 0-25%	- 0-25%	+++ 75-100%	+++ 75-100%	

Col-0 SC4	++ 75-100%	- 0-25%	++ 75-100%	+ 25-50%	+ 50-75%	- 0-25%
Col-0 L1	+ 75-100%	+ 75-100%	- 0-25%	++ 50-75%	++ 25-50%	+ 75-100%
Col-0 L3	- 0-25%	- 0-25%	- 0-25%	- 50-75%	- 0-25%	- 0-25%
Col-0 S1	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%
Col-0 S4	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%
Col-0MutSC1	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%
Col-0MutSC2	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%
Col-0MutL2	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%
Col-0MutL3	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 50-75%	+++ 75-100%	+++ 75-100%
Col-0MutS2	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 50-75%	+++ 75-100%
Col-0MutS3	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%	+++ 75-100%

anther fill
pollen viability

+++ full, ++ more than half full, + less than half full, - empty
0-25% , 25-50% , 50-75%, 75-100% viable pollen