

Identification of a Topological Characteristic Responsible for the Biological Robustness of Regulatory Networks

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Table S2: The cell-cycle control network of the fission yeast

(Based on Ref. [1])

Start	$\bar{\rightarrow}$	Start	Start	$\bar{\rightarrow}$	SK
SK	$\bar{\rightarrow}$	SK	SK	$\bar{\rightarrow}$	Ste9
SK	$\bar{\rightarrow}$	Rum1	Ste9	$\bar{\rightarrow}$	Cdc2,13
Ste9	$\bar{\rightarrow}$	Cdc2,13*	Rum1	$\bar{\rightarrow}$	Cdc2,13
Rum1	$\bar{\rightarrow}$	Cdc2,13*	Cdc2,13	$\bar{\rightarrow}$	Ste9
Cdc2,13	$\bar{\rightarrow}$	Rum1	Cdc2,13	$\bar{\rightarrow}$	Cdc2,13
Cdc2,13	$\bar{\rightarrow}$	Wee1,Mik1	Cdc2,13	$\bar{\rightarrow}$	Cdc25
Wee1,Mik1	$\bar{\rightarrow}$	Cdc2,13*	Cdc25	$\bar{\rightarrow}$	Cdc2,13*
Cdc2,13*	$\bar{\rightarrow}$	Ste9	Cdc2,13*	$\bar{\rightarrow}$	Rum1
Cdc2,13*	$\bar{\rightarrow}$	Cdc2,13*	Cdc2,13*	$\bar{\rightarrow}$	Slp1
Slp1	$\bar{\rightarrow}$	Cdc2,13	Slp1	$\bar{\rightarrow}$	Cdc2,13*
Slp1	$\bar{\rightarrow}$	Slp1	Slp1	$\bar{\rightarrow}$	PP
PP	$\bar{\rightarrow}$	Ste9	PP	$\bar{\rightarrow}$	Rum1
PP	$\bar{\rightarrow}$	Wee1,Mik1	PP	$\bar{\rightarrow}$	Cdc25
PP	$\bar{\rightarrow}$	PP			

1. Davidich MI, Bornholdt S (2008) Boolean network model predicts cell cycle sequence of fission yeast. PLoS ONE 3:e1672.