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Correction: Reverse Engineering a Signaling Network Using Alternative Inputs

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Figure 5 is incomplete. Please view the correct figure here:

Footnotes

Competing Interests: No competing interests declared.

Figures and Tables

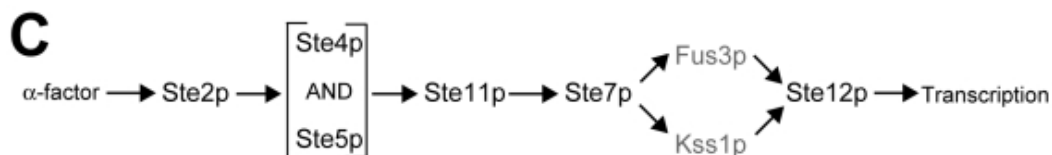
Figure 5

A AIs-Deletions Matrix

Input	$P_{FUS1-GFP/OD_{600}}$									
	WT	<i>ste2</i> Δ	<i>ste4</i> Δ	<i>ste5</i> Δ	<i>ste11</i> Δ	<i>ste7</i> Δ	<i>fus3</i> Δ	<i>kss1</i> Δ	<i>ste12</i> Δ	<i>fus3</i> Δ / <i>kss1</i> Δ
α -factor	350	33	32	42	35	36	110	329	38	34
AI-Ste2p	61	51	38	41	39	37	63	60	37	37
AI-Ste4p	164	234	182	46	44	40	113	174	54	42
AI-Ste5p	87	129	42	83	45	45	69	105	59	47
AI-Ste11p	190	151	145	170	163	53	127	110	42	59
AI-Ste7p	365	265	213	310	280	289	135	247	41	54
AI-Fus3p	41	46	35	41	37	36	40	45	39	46
AI-Kss1p	38	ND	ND	ND	ND	ND	ND	ND	ND	ND
AI-Ste12p	310	107	54	50	59	64	155	273	84	70

B Boolean AIs-Deletions Matrix

Input	Transcriptional activation (Boolean)									
	WT	<i>ste2</i> Δ	<i>ste4</i> Δ	<i>ste5</i> Δ	<i>ste11</i> Δ	<i>ste7</i> Δ	<i>fus3</i> Δ	<i>kss1</i> Δ	<i>ste12</i> Δ	<i>fus3</i> Δ / <i>kss1</i> Δ
α -factor	1	0	0	0	0	0	1	1	0	0
AI-Ste2p	1	1	0	0	0	0	1	1	0	0
AI-Ste4p	1	1	1	0	0	0	1	1	0	0
AI-Ste5p	1	1	0	1	0	0	1	1	0	0
AI-Ste11p	1	1	1	1	1	0	1	1	0	0
AI-Ste7p	1	1	1	1	1	1	1	1	0	0
AI-Fus3p	1	1	1	1	1	1	1	1	0	1
AI-Kss1p	1	1	1	1	1	1	1	1	0	1
AI-Ste12p	1	1	1	1	1	1	1	1	1	1



An AIs-Deletions matrix in the mating signaling transduction pathway in budding yeast.

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