

**Table 3. Benomyl sensitivity of *bimD6*: conidial survival and growth inhibition of haploid *bimD6* and *uvsC114* strains vs. control on inhibiting concentrations of benomyl at permissive temperature**

Benomyl ( $\mu\text{g/ml}$ in CM)	Control* (Repair-proficient)				<i>bimD6</i> * (Rec <sup>-</sup> )				<i>uvsC114</i> * (Rec <sup>-</sup> )			
	Colonies				Colonies				Colonies			
	Number <sup>†</sup>	%	Size	%	Number <sup>†</sup>	%	Size	%	Number <sup>†</sup>	%	Size	%
0	180	100	7.6 $\pm$ 0.3	100	127	100	8.1 $\pm$ 0.6	100	~200	100	7.9 $\pm$ 0.3	100
0.36	>178	~100	5.2 $\pm$ 0.2	68	109 $\pm$ 2.1	86	6.4 $\pm$ 0.	75	204	~100	6.9 $\pm$ 0.2	88
0.48	221	~100	3.1 $\pm$ 0.1	40	17.5 $\pm$ 1.0	14	2.5 $\pm$ 1.2	31	216	~100	3.8 $\pm$ 0.2	48
					[&16.5 $\pm$ 3.1							
					very small]							
0.60	210	~100	2.3 $\pm$ 0.1	30	4.25 $\pm$ 1.9	3.3	1.4 $\pm$ 0.2	17	131	65	3.1 $\pm$ 0.2	39
					[& a few							
					very small]							
0.72	153 $\pm$ 14	85	1.4 $\pm$ 0.2	18	0.35 $\pm$ 0.2	0.3	<1 [not	0	60	30	2.1 $\pm$ 0.15	27
							measurable]					

\* Congenic strains used (at least half of the chromosomes being identical):

FGSC#	M/EK No.	Genotypes	Origin: cross / 2n
<b>A 830</b>	2892	<i>pabaA1; AcrA1; ActA1; choA1; riboB2</i>	<i>chaA1</i> (2600b.1.15)
<b>A1063</b>	4092	<i>pabaA1; <u>bimD6</u> pyroA4; choA1; +</i>	<i>chaA1</i> (3214.1.11)
<b>A 833</b>	3571	<i>pabaA1; + + choA1; <u>uvsC114</u></i>	<i>chaA1</i> (2606.2.3)

<sup>†</sup> Colony counts of 3 plates, more if “Average  $\pm$  SE” shown.