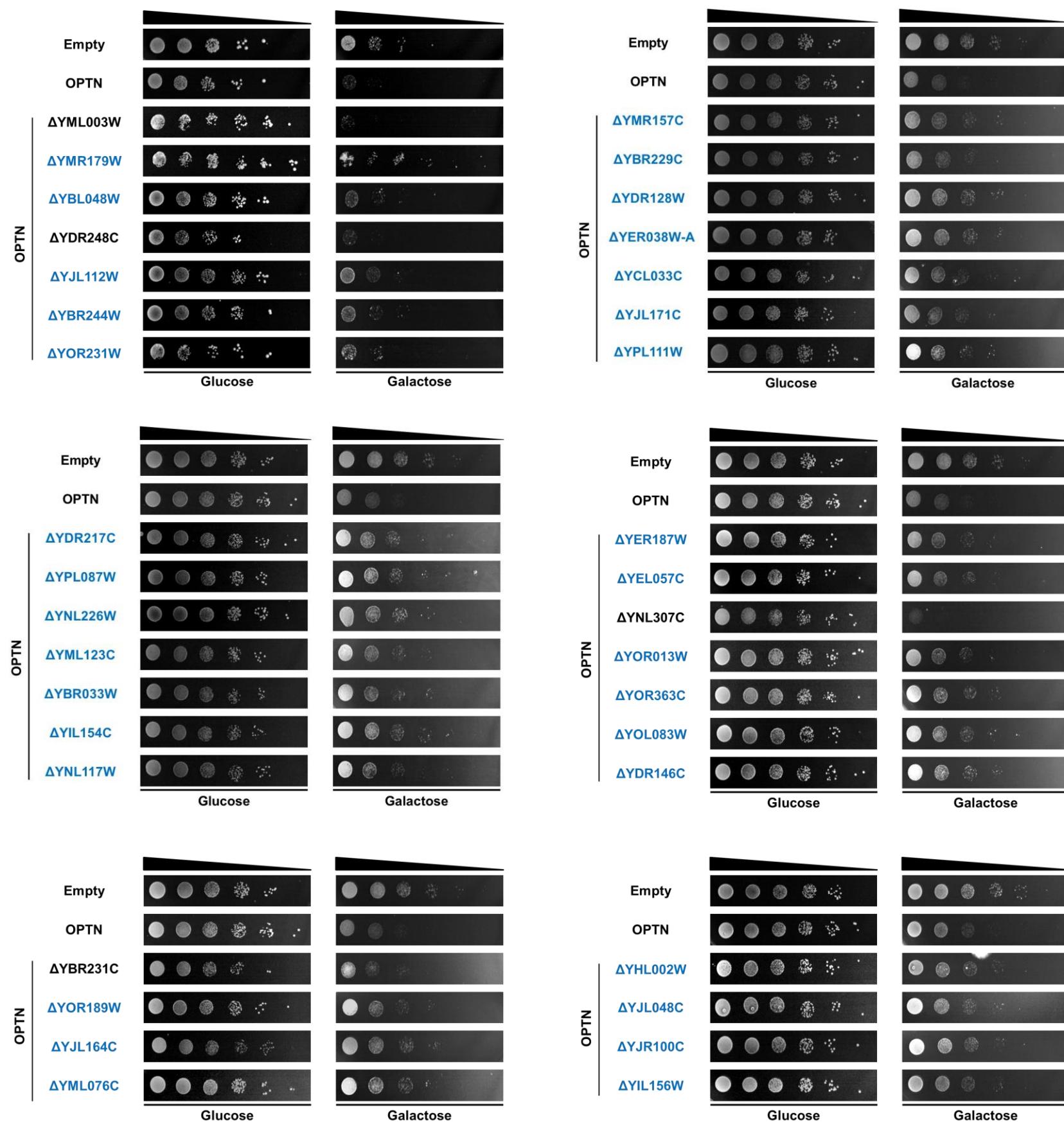


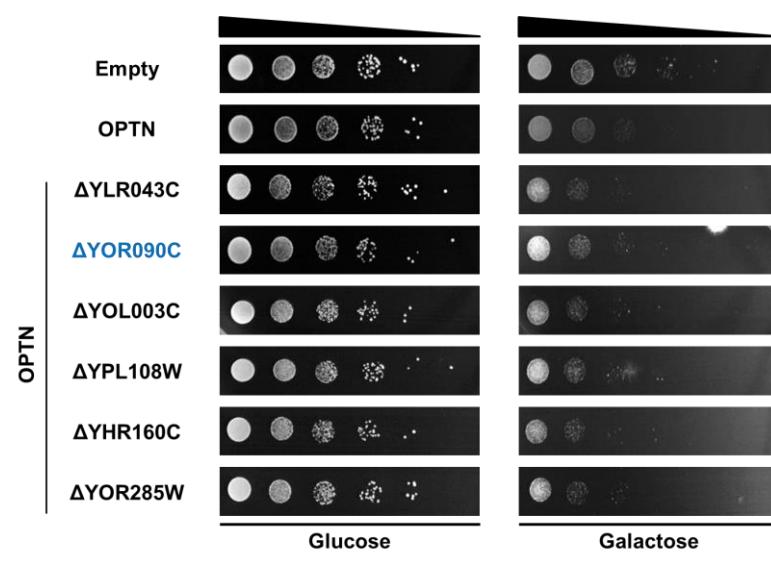
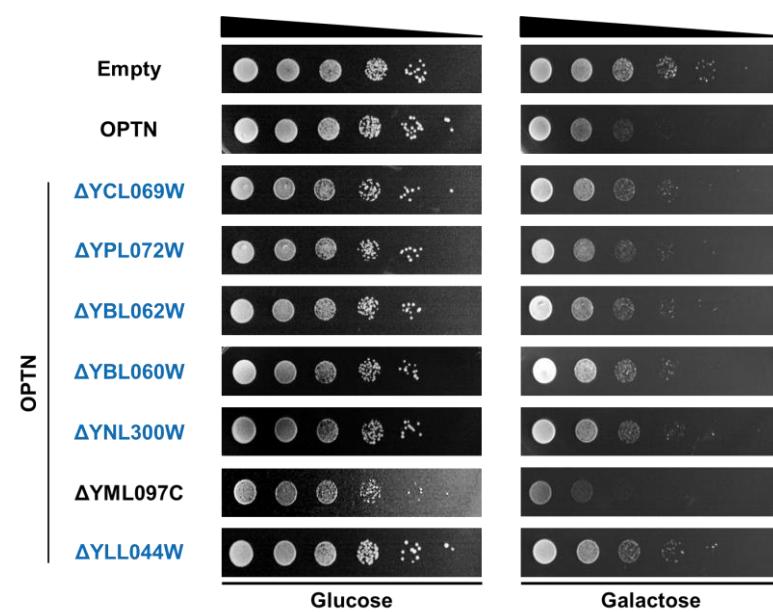
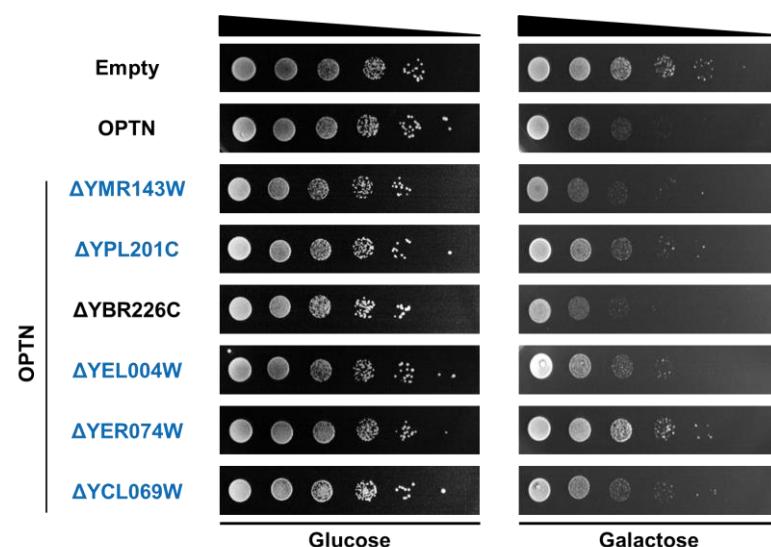
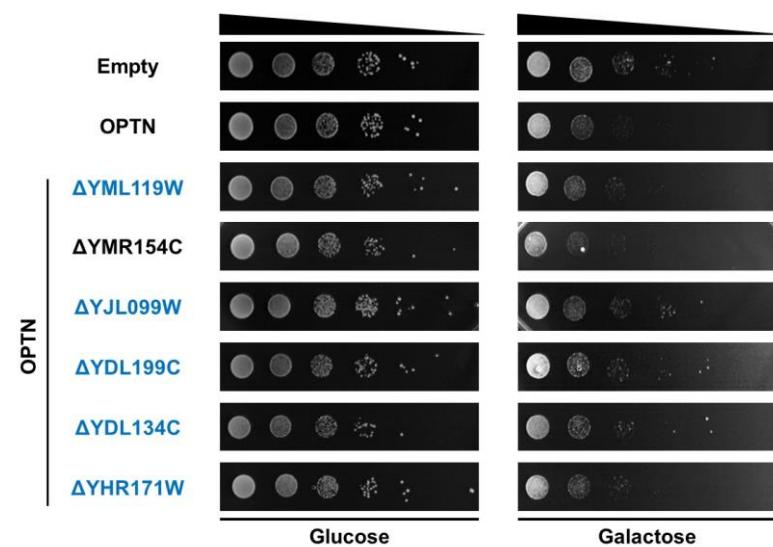
# Supplemental Figure 2A

A



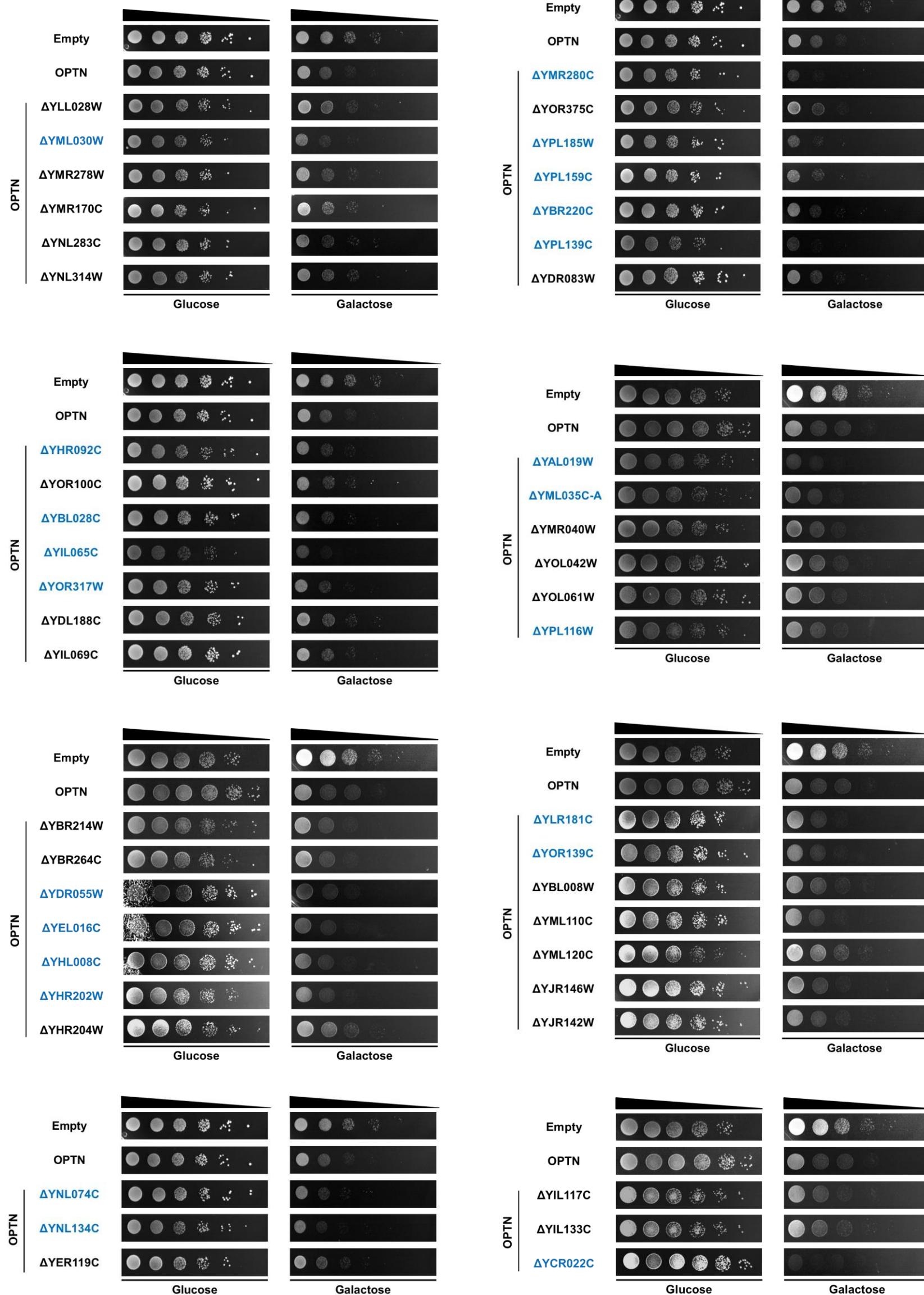
**Supplemental Figure 2. Validation of toxicity modifiers by yeast spot assays.** Ten percent of randomly selected modifying genes from toxicity suppressors and enhancers for the three OMIM genes (OPTN, ANG, and CLINT1) were tested by yeast spot assays. A, suppressors for OPTN; B, enhancers for OPTN; C, suppressors for ANG; D, enhancers for ANG; E, suppressors for CLINT1; F, enhancers for CLINT1; G, summary table. Deletion strains in blue indicate consistent results.

# Supplemental Figure 2A continued

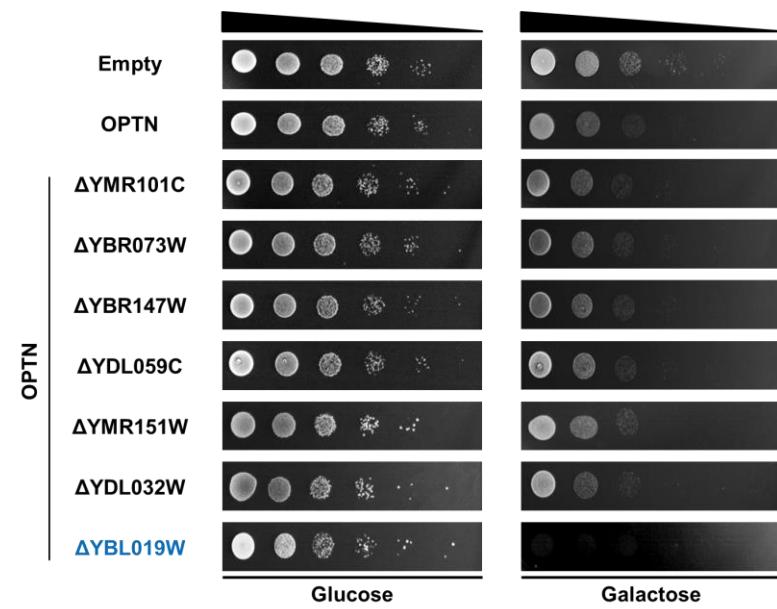
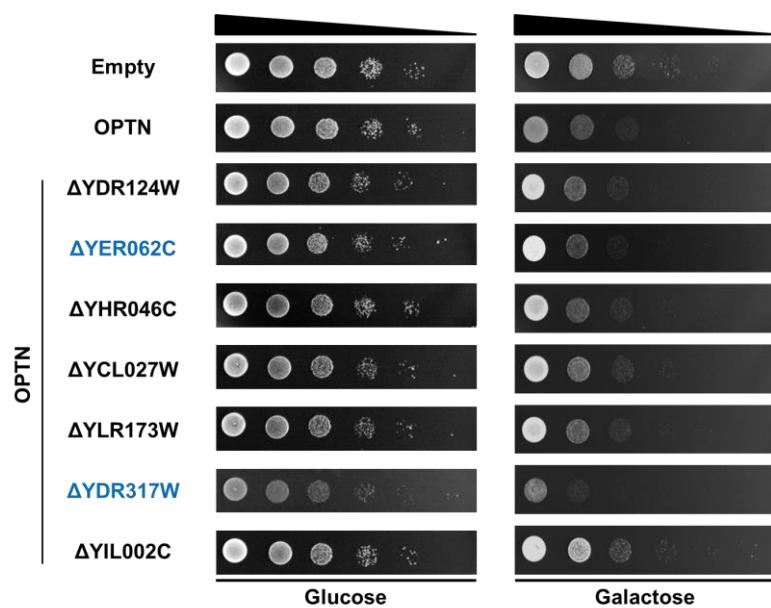
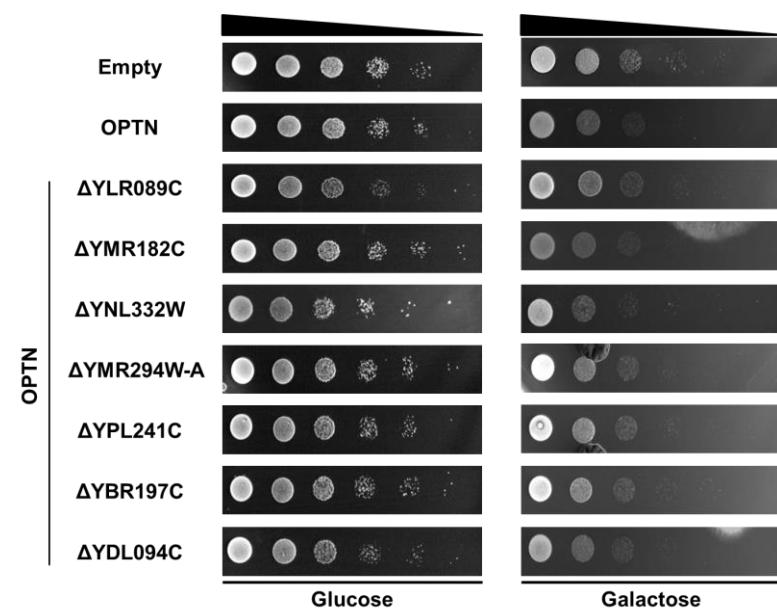


# Supplemental Figure 2B

B

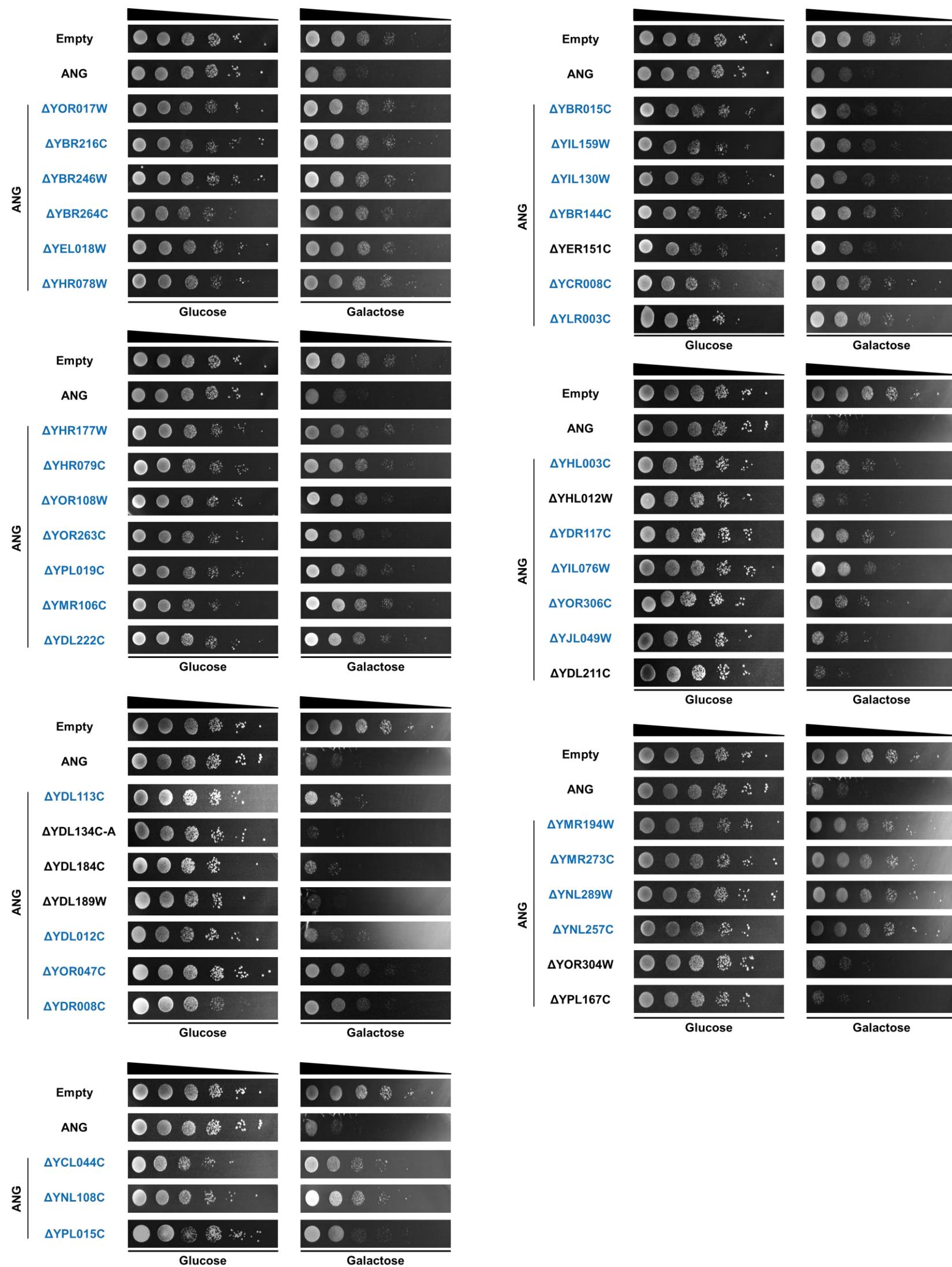


## Supplemental Figure 2B continued



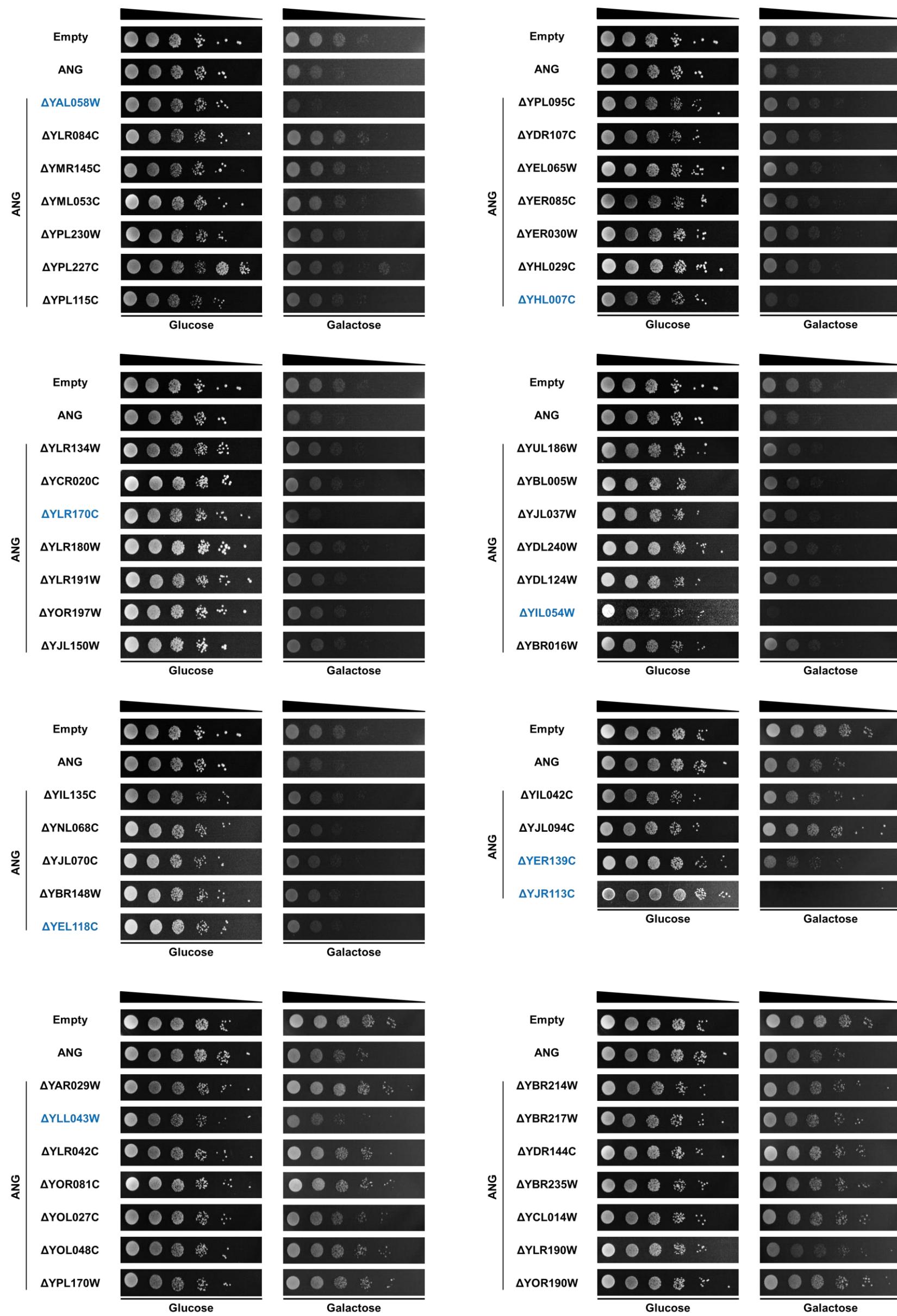
# Supplemental Figure 2C

C

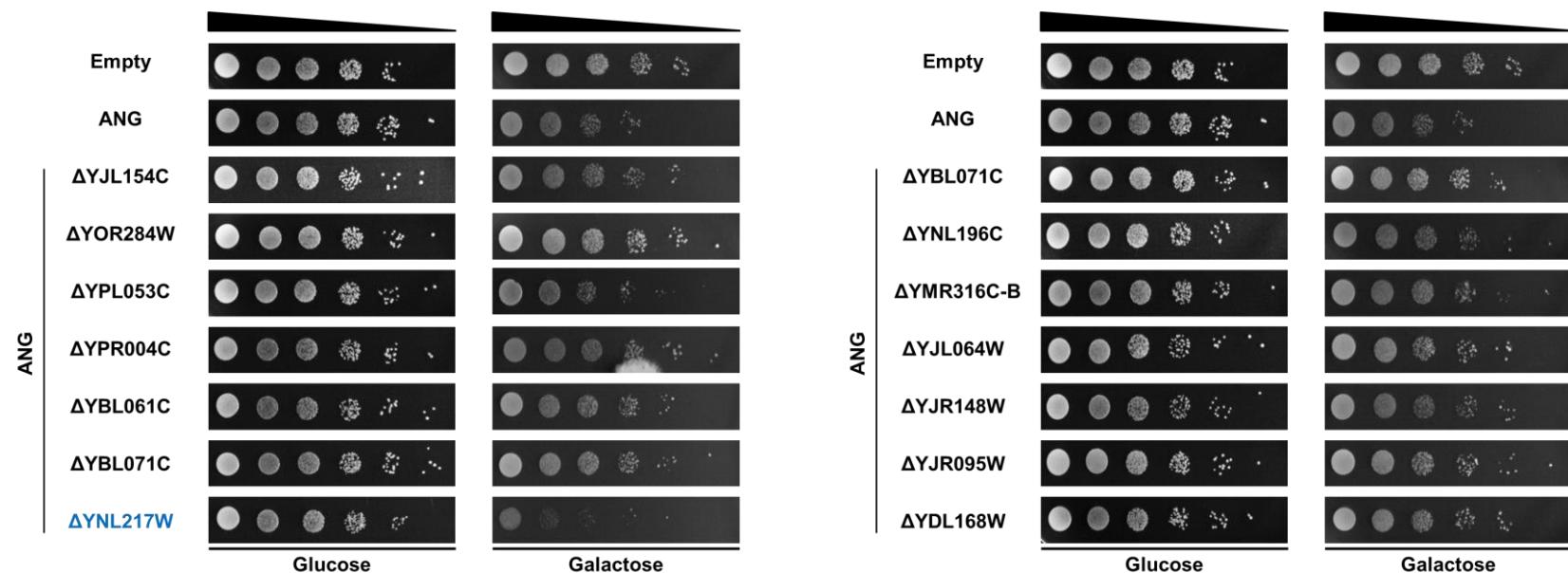


# Supplemental Figure 2D

D

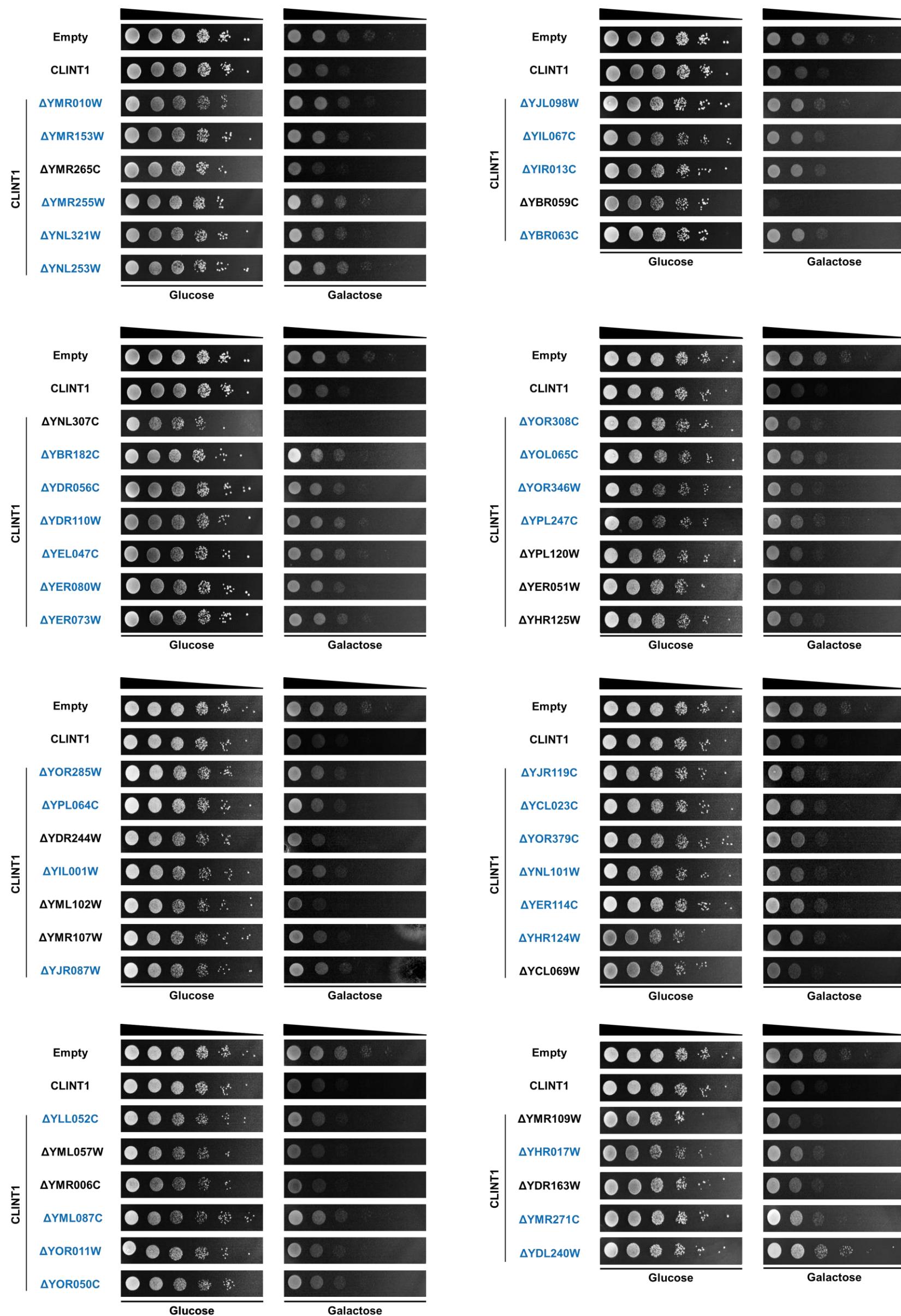


## Supplemental Figure 2D continued



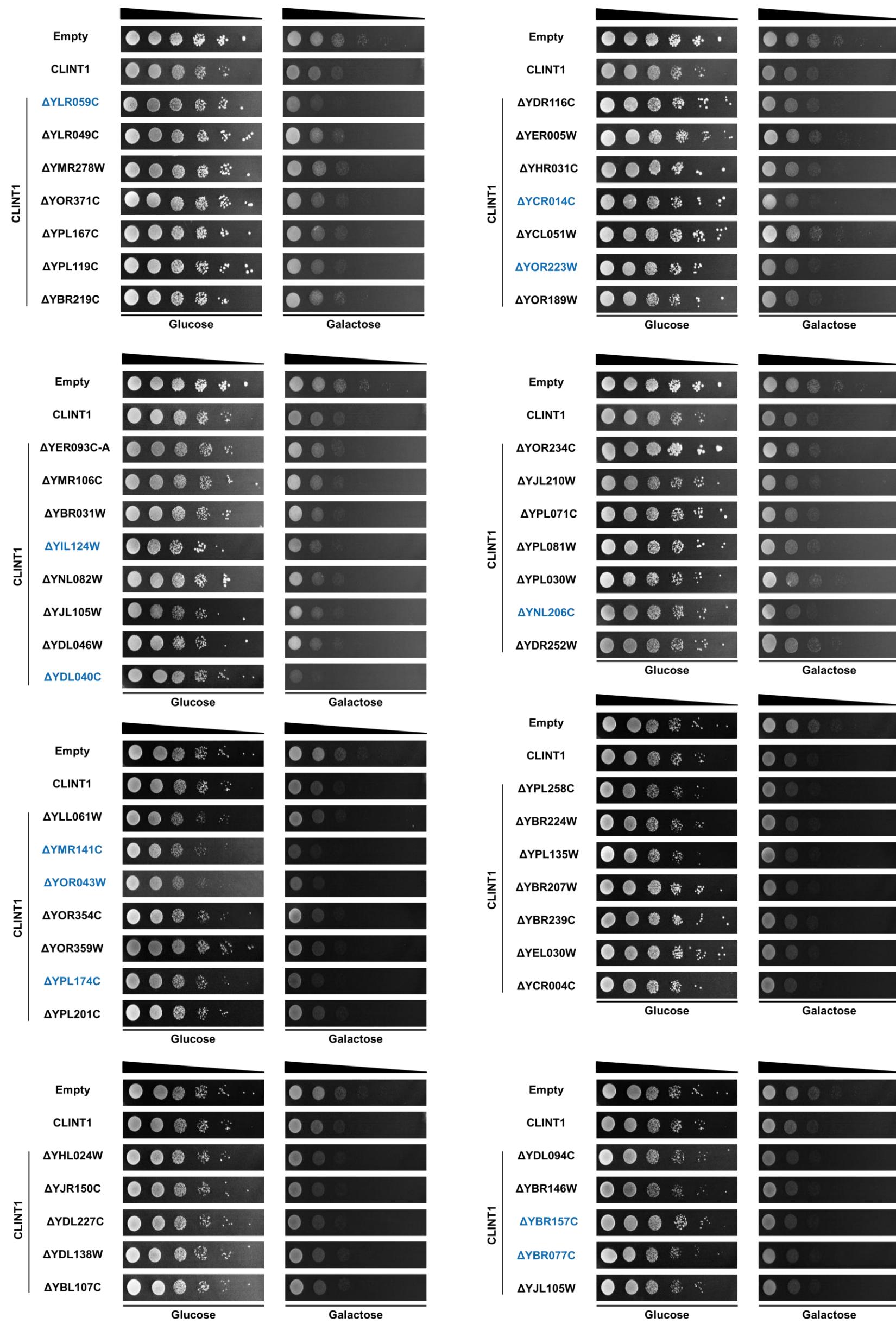
## Supplemental Figure 2E

E



# Supplemental Figure 2F

F



## Supplemental Figure 2G

**G**

OMIM	Toxicity suppressors		Toxicity enhancers	
	No. suppressor/ No. tested	Consistency	No. enhancer/ No. tested	Consistency
OPTN	49/61	80.3%	25/67	37.3%
ANG	35/43	81.4%	8/65	12.3%
CLINT1	36/50	72.0%	14/59	23.7%