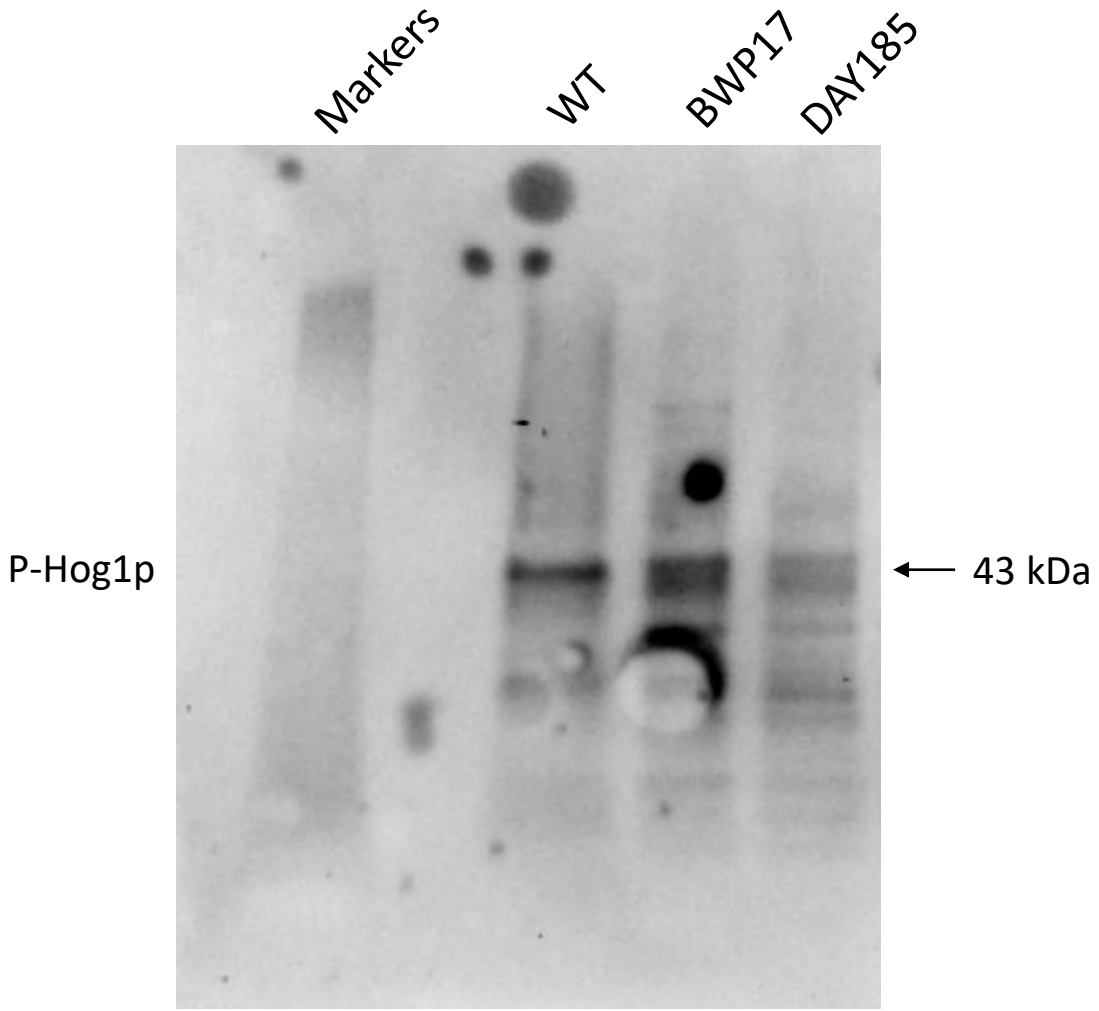
Raw Data for Figure 6A: Labeled P-Hog1 blot for WT, BWP17, and DAY185

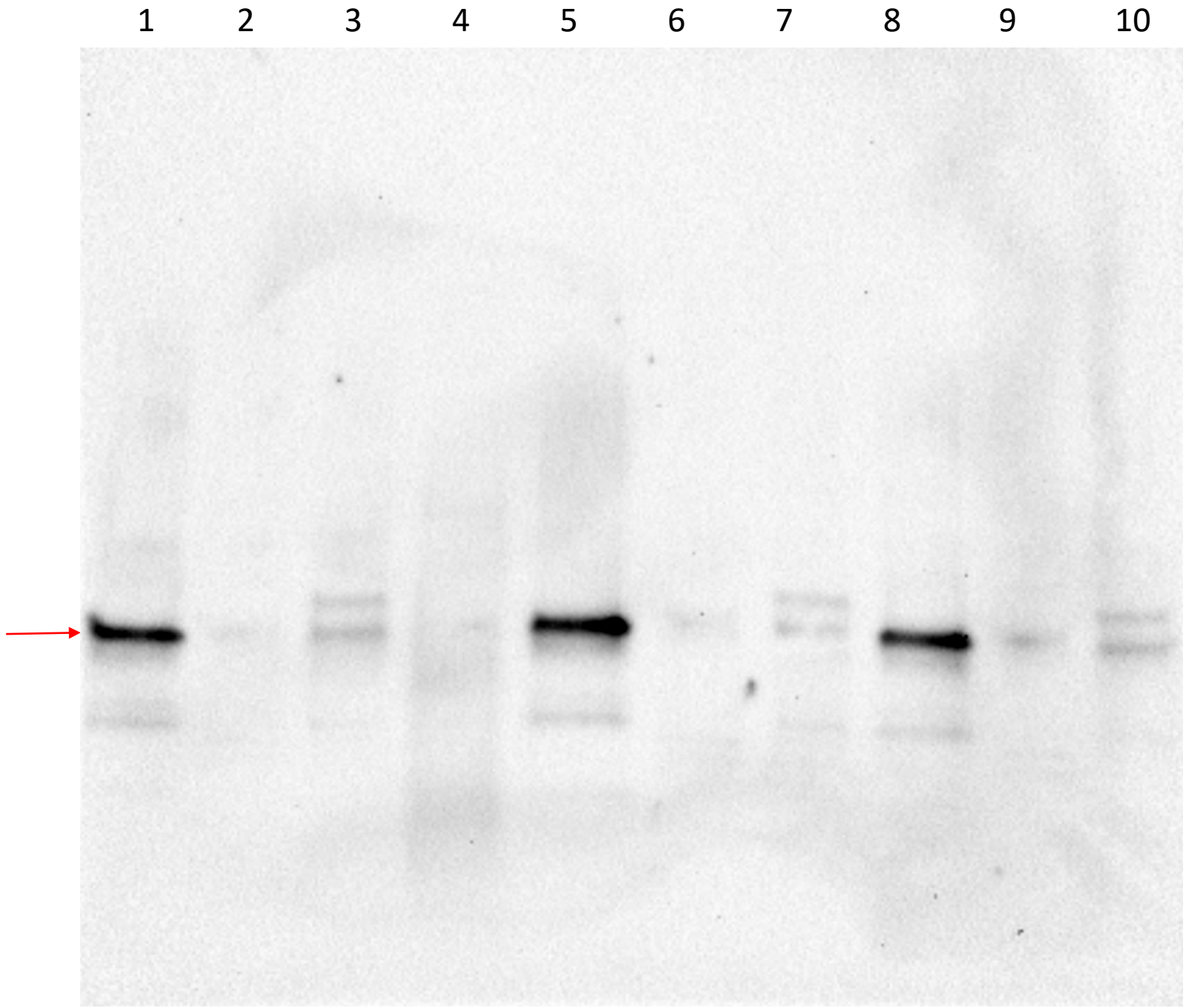


Raw Data for Figure 7A:

Full Length Blot for P-Hog-1

Lanes 1, 5, 8 Wildtype
Lanes 2, 6, 9 ES1
Lanes 3, 7, 10 ES195 +Met/Cys
Lane 4 Marker

The P-Hog-1 antibody is against the mammalian phosphorylated p38 MAPK and has been used in yeast for detecting phosphorylated Hog-1 (Adhikari & Cullen, 2014)

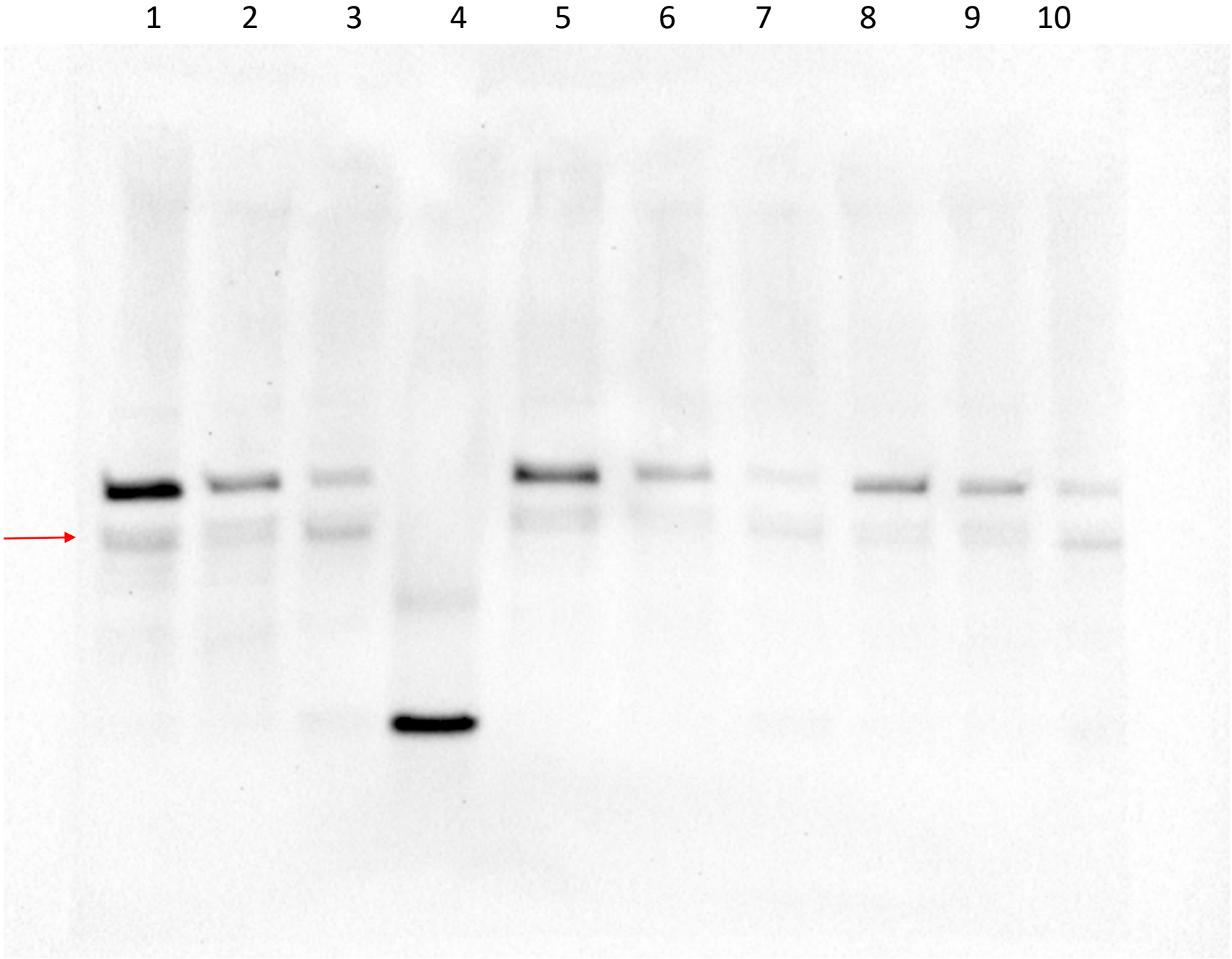


Raw Data for Figure 7A:

Full Length Blot for whole Hog-1

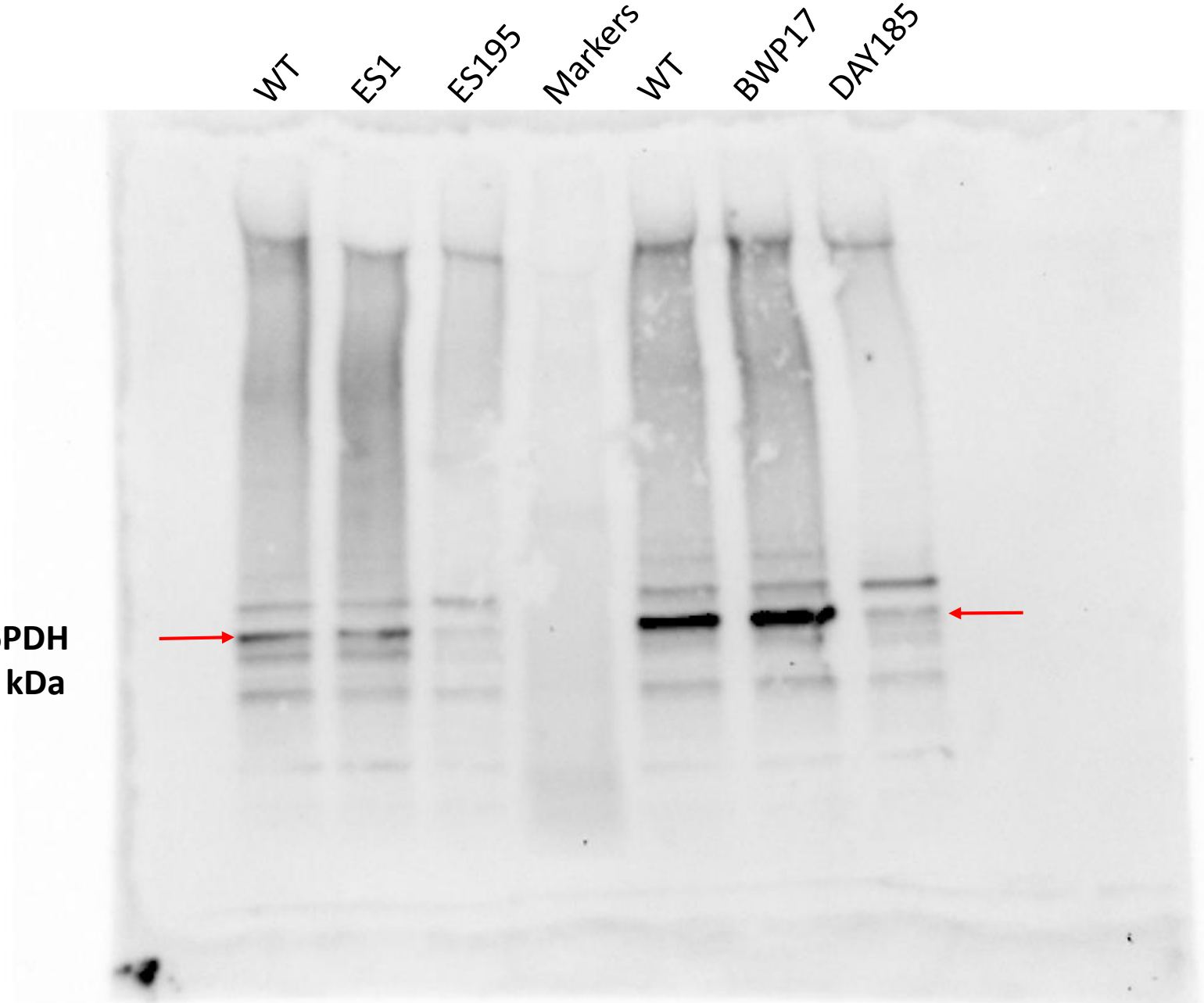
-Lanes 1, 5, 8 Wildtype
-Lanes 2, 6, 9 ES1
-Lanes 3, 7, 10 ES195 +Met/Cys
-Lane 4 is marker
-Lanes 1, 2, 3 used to make figure

The HOG-1 antibody used here is against the protein derived from *Saccharromyces cerevisiae.* The samples in this study are from *Candida albicans.* The 43 kDa band is the right size for whole HOG-1. There is a cross-reacting protein at around 55 kDa which does not represent CaHOG-1.



<u>Raw Data for Figures 6A & 7A:</u>
Full Length Blot for whole Hog-1

The G6PDH antibody used here is against the protein derived from *Saccharromyces cerevisiae.* The samples in this study are from *Candida albicans.* The 59 kDa band is the right size for G6PD. There is cross-reactivity with other proteins possibly due to inter-species differences as well as polyclonal nature of the antibody.



Antibody Information:

Antibody	For	Company	Animal		Dilution	Buffer
Phospho P38	P-Hog1	Cell Signaling	Rabbit	Polyclonal	1:10,000	TBST, 5%BSA
Hog1	Total Hog1	Santa Cruz Biotechnology	Rabbit	Polyclonal	1:6,666	TBST, 5% Nonfat milk
G6PDH	G6PDH	Sigma	Rabbit	Polyclonal	1:10,000	TBST, 5% Nonfat milk

- TBST: TBS, 0.05% Tween20
- Primary antibody incubations done overnight