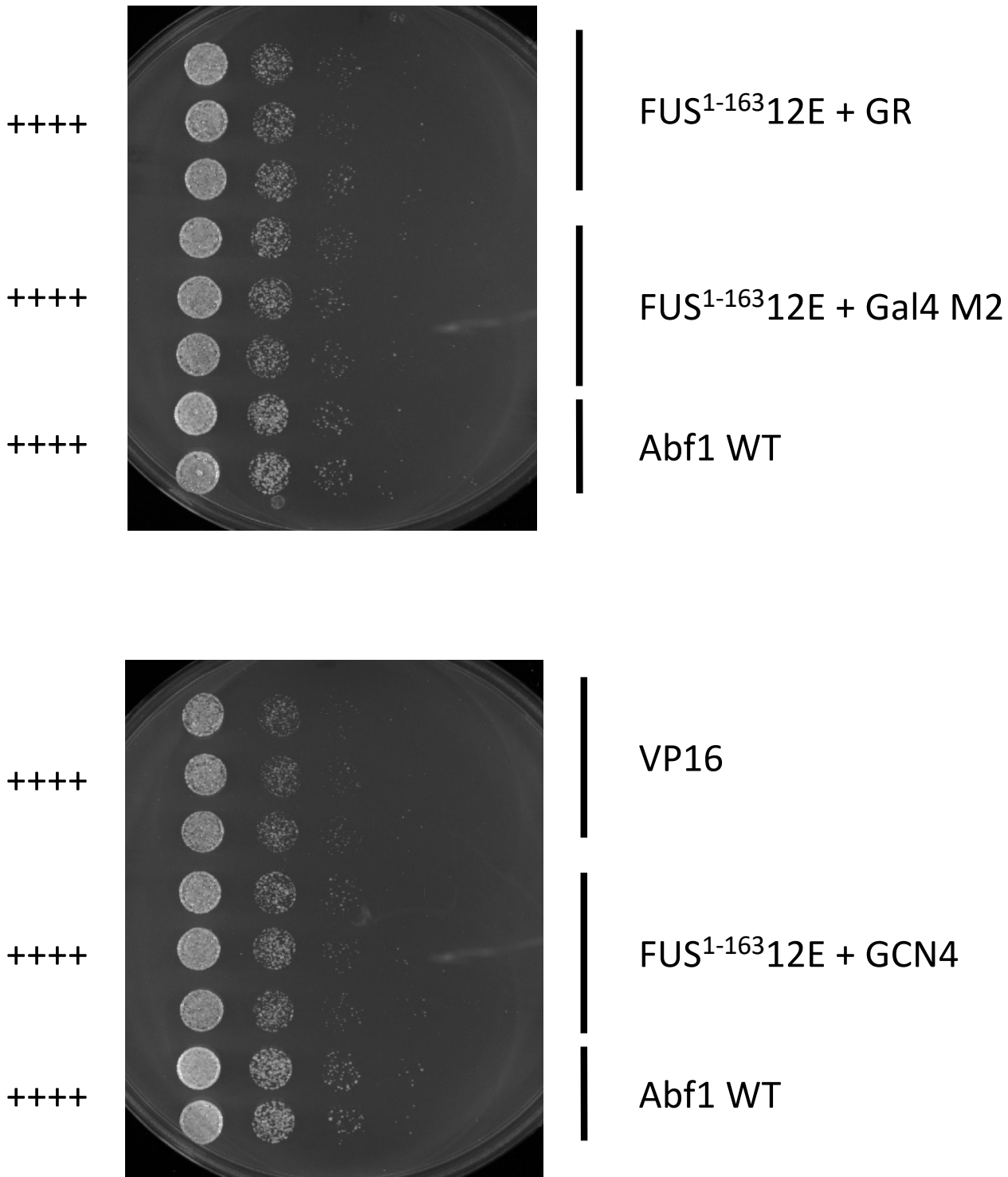
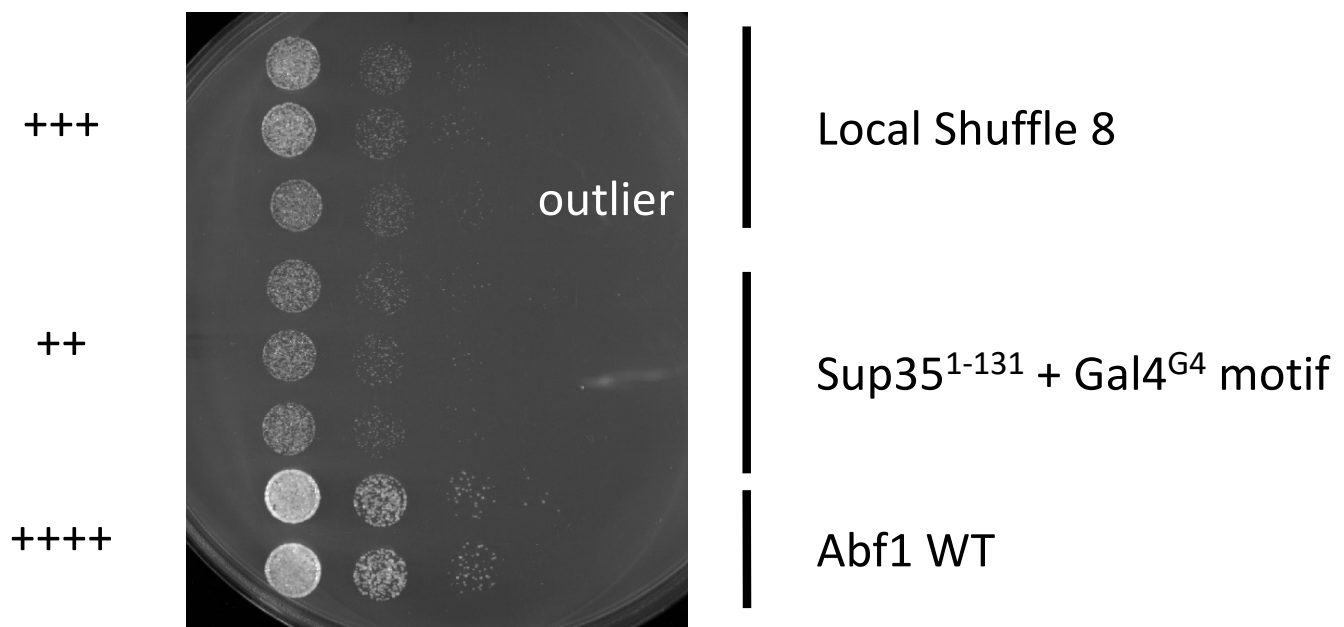
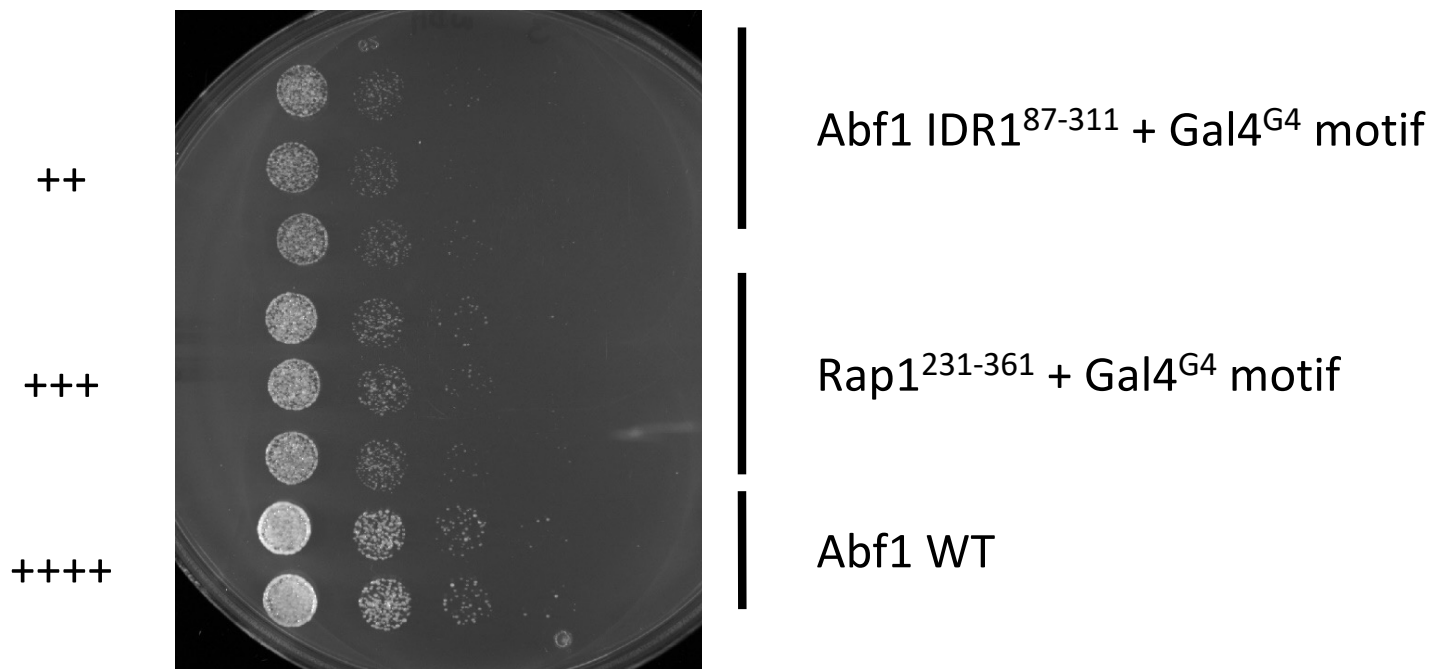


fig. S2

Unless noted otherwise, the following images show YPDA plates that were incubated for ca. 1 day at 30°C. If one of the independent clones for each construct did not show the same growth rate as the others, it is labeled as „outlier“ and we categorized the growth rate according to the two similarly growing clones. All rating is relative to the growth of the strain with wild type (WT) Abf1 on the same plate.

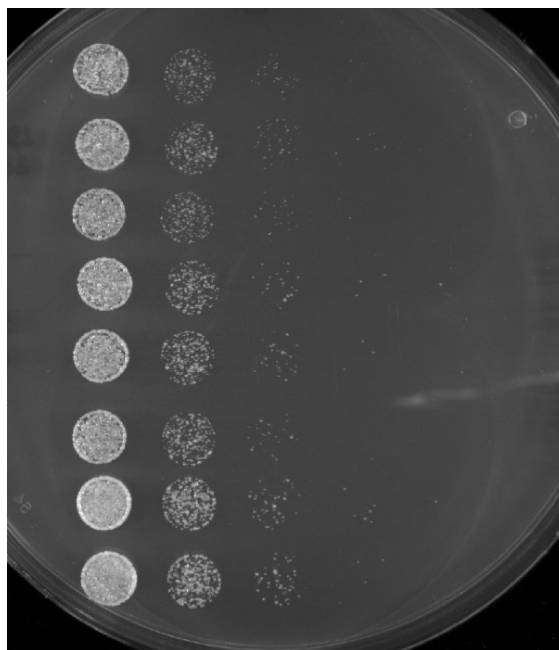




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FUS¹⁻¹⁶³12E + Gal4^{G4}
distributed

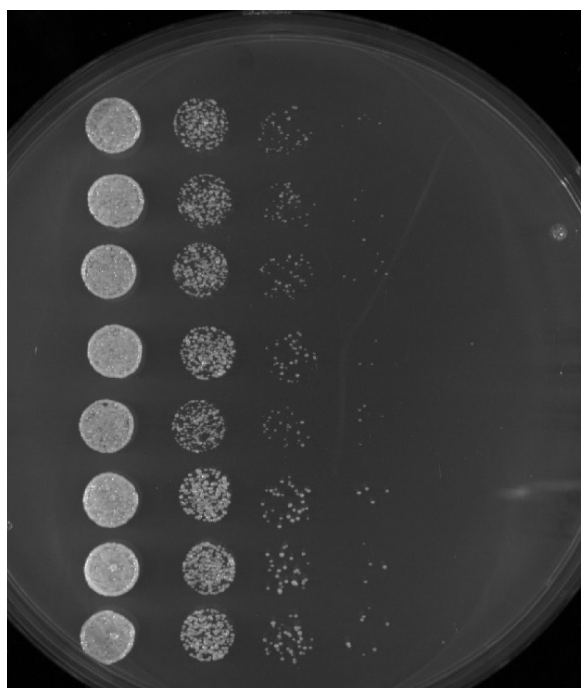
T. phaffii

Abf1 WT

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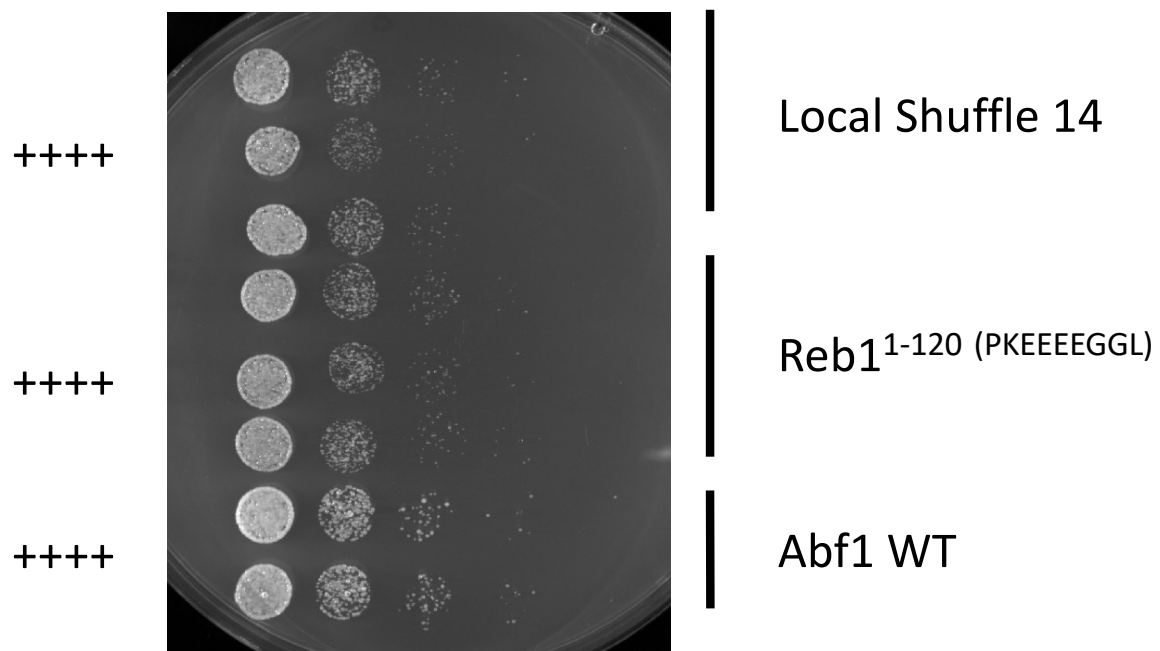
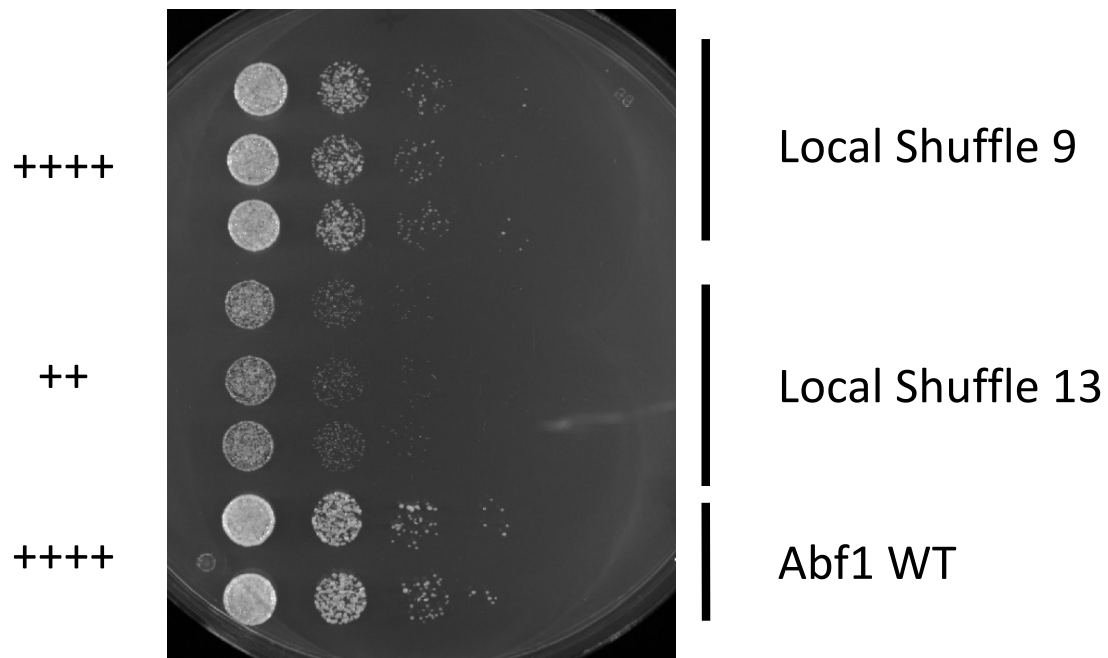
++++



Local Shuffle 2

Local Shuffle 3

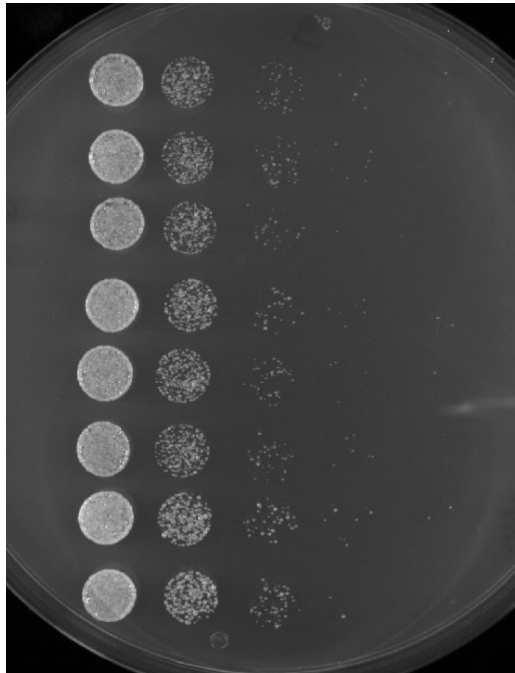
Abf1 WT



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S. kudriavzevii

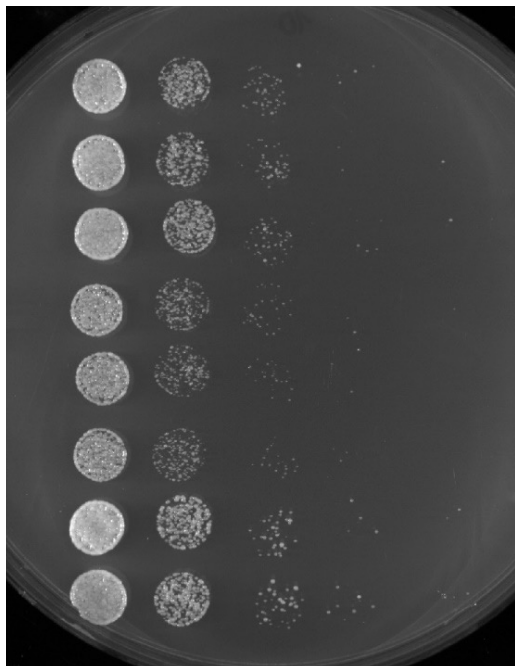
S. mikatae

Abf1 WT

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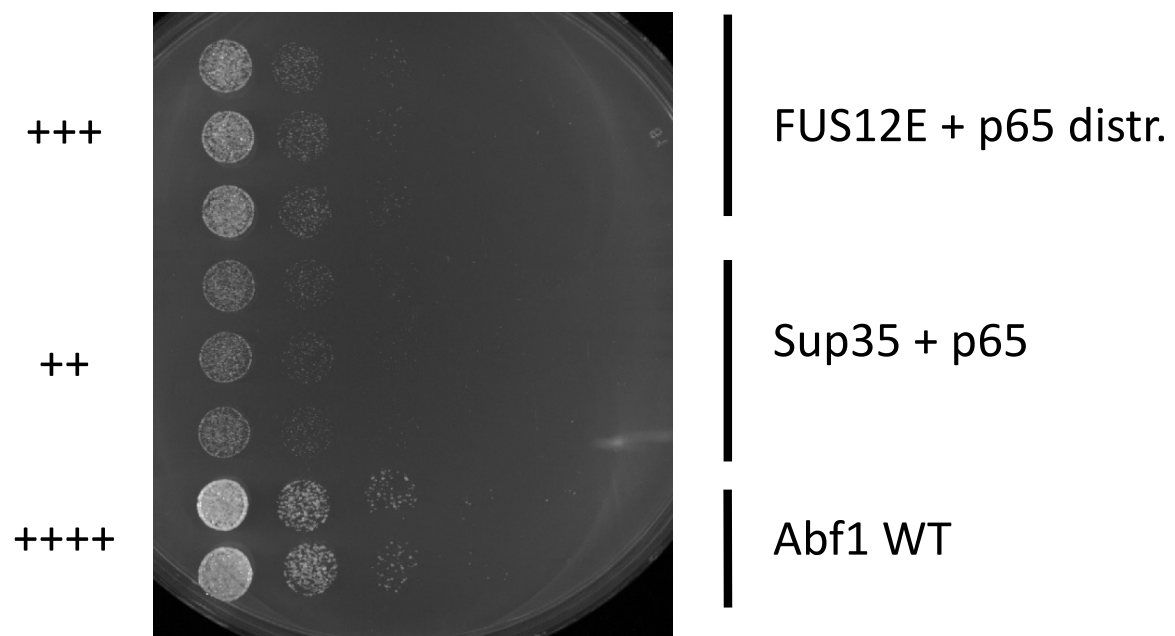
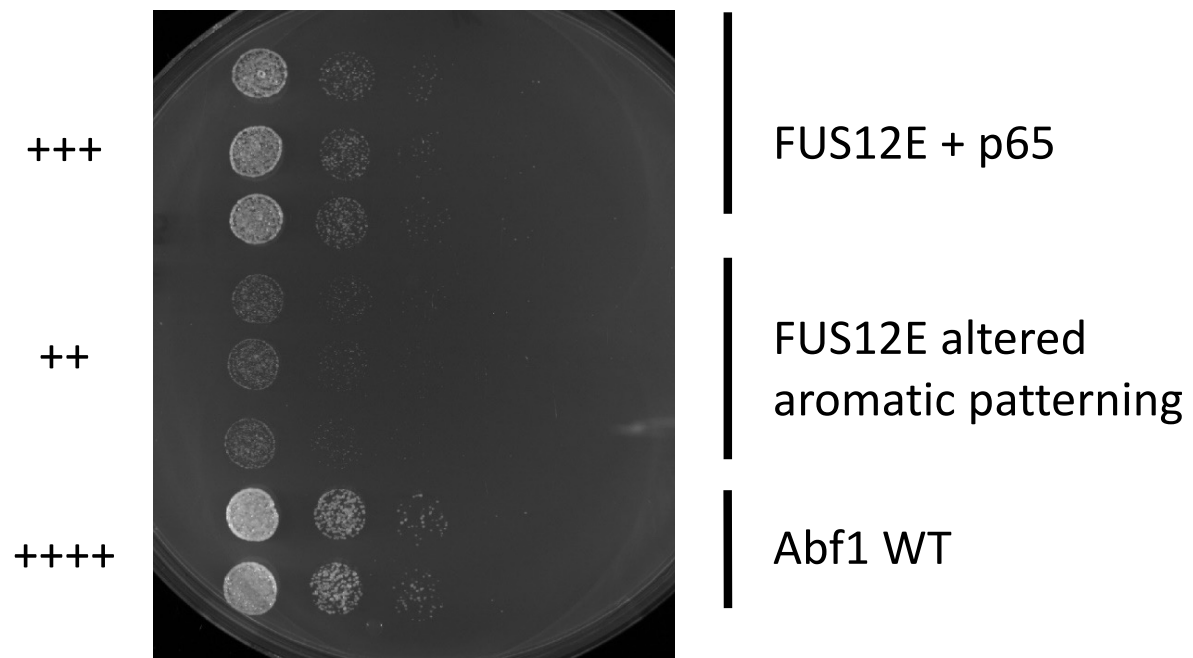
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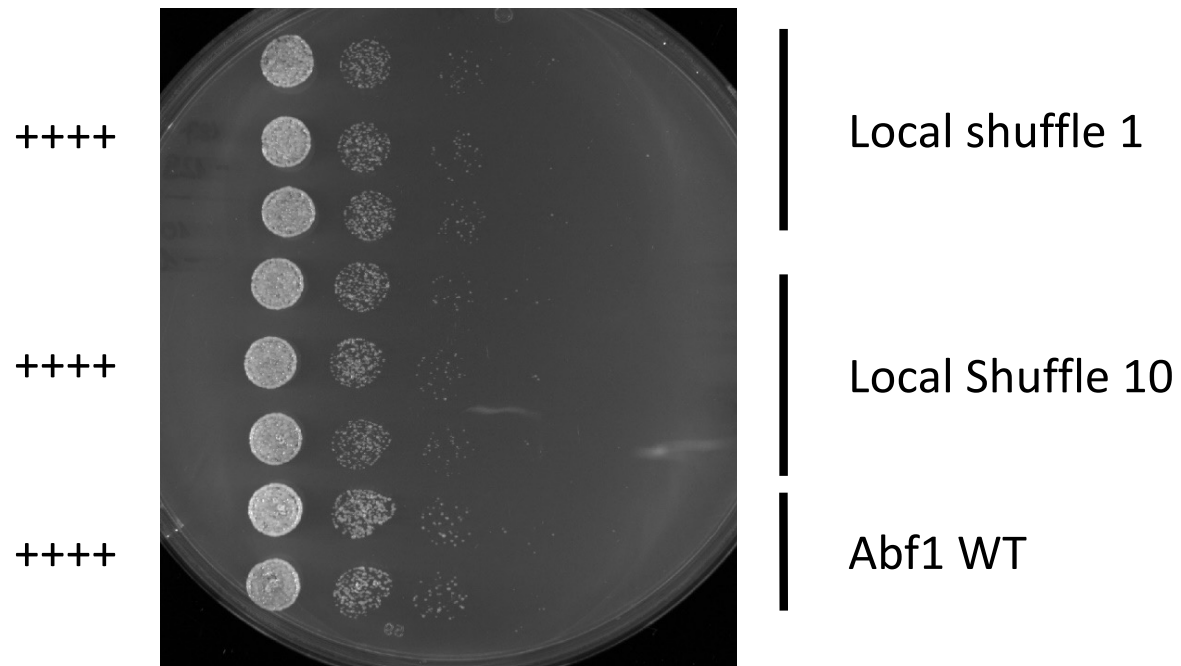
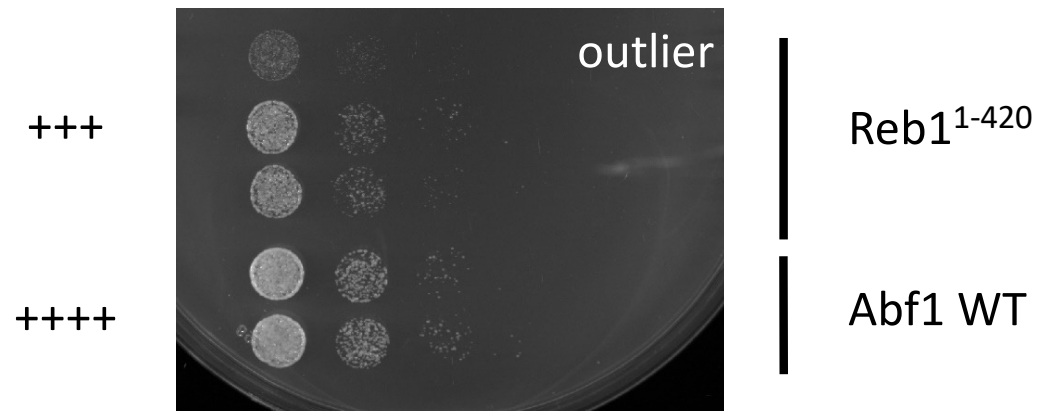


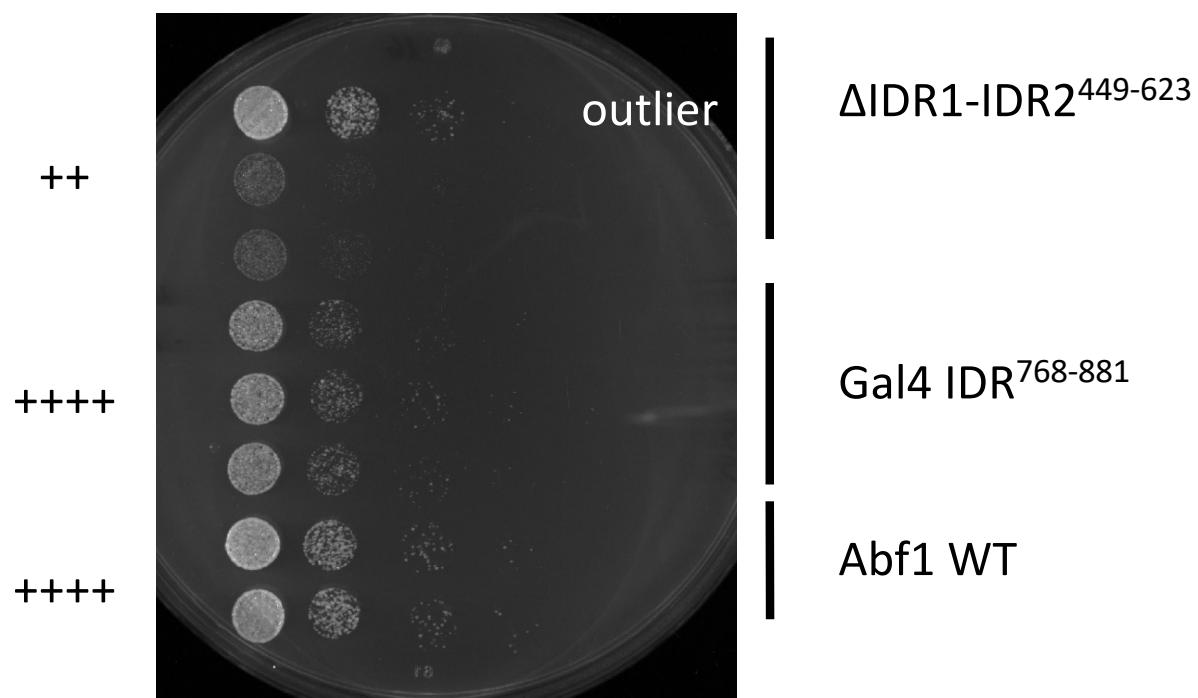
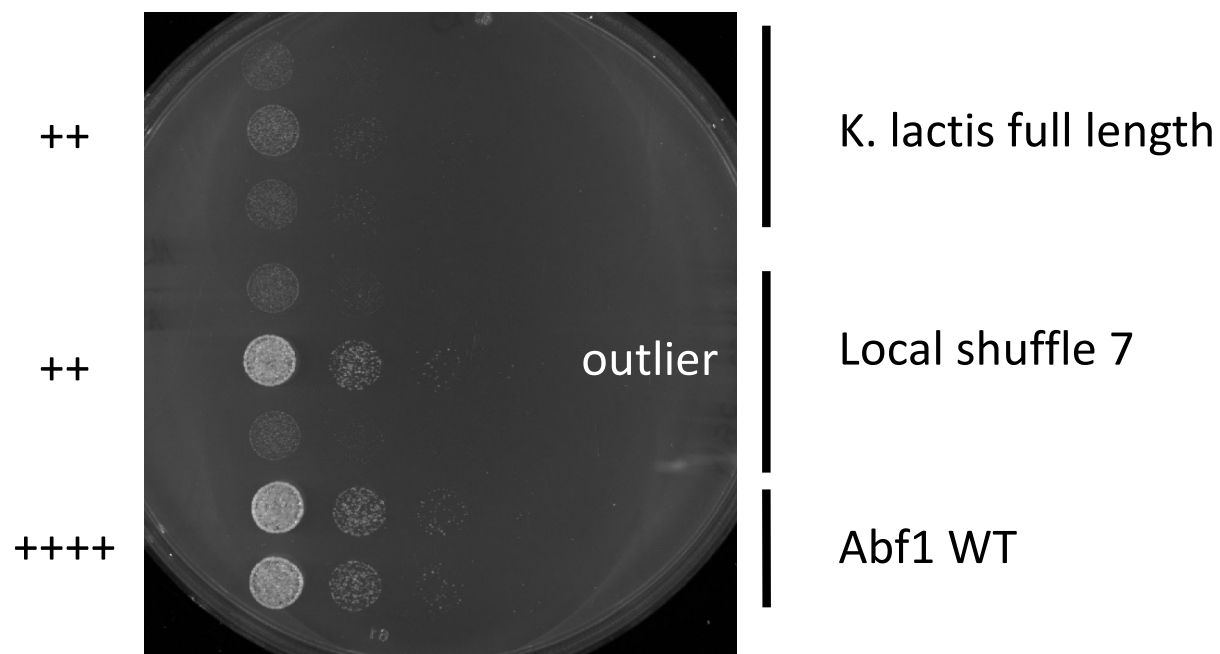
S. uvarum

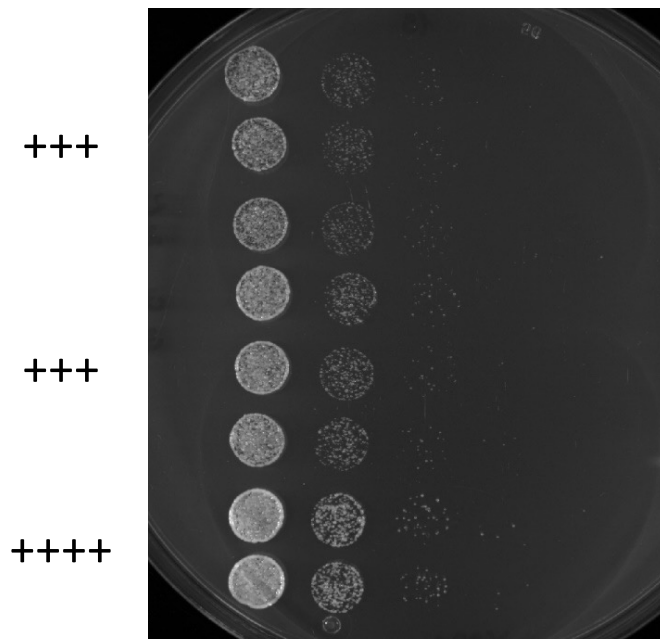
T. delbrueckii

Abf1 WT





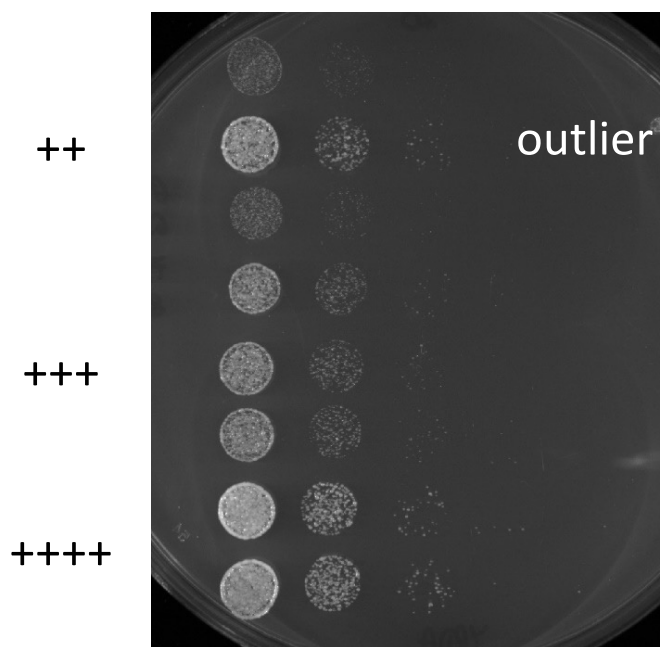




[no paper name yet]
(fus_with_gal4_conserved_0_no_ED Klon 1,2,3)

[no paper name yet]
(fus_gal4_motif_HYDRO_distributed Klon 1,2,3)

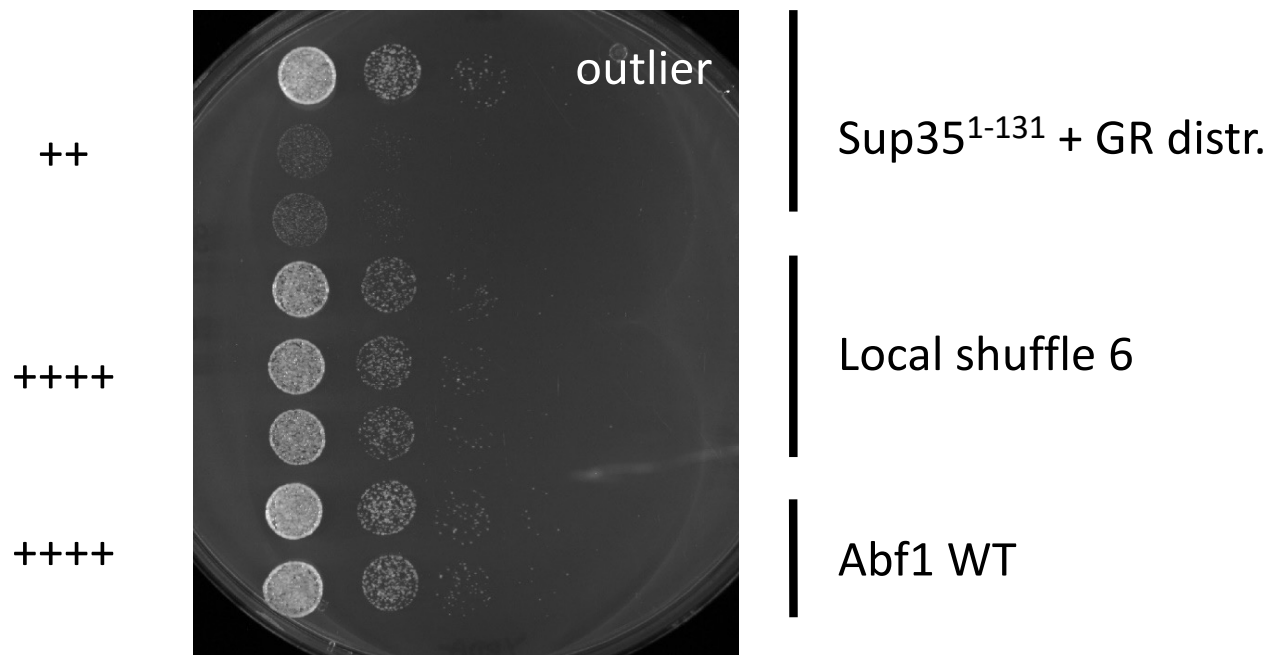
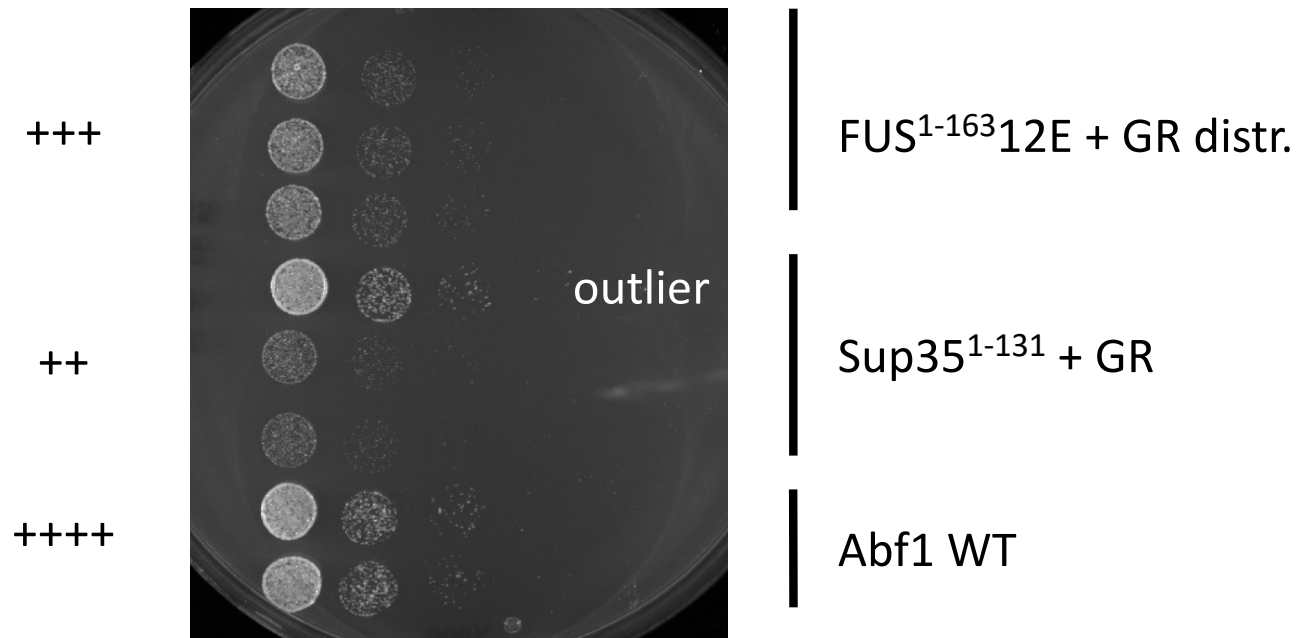
Abf1 WT

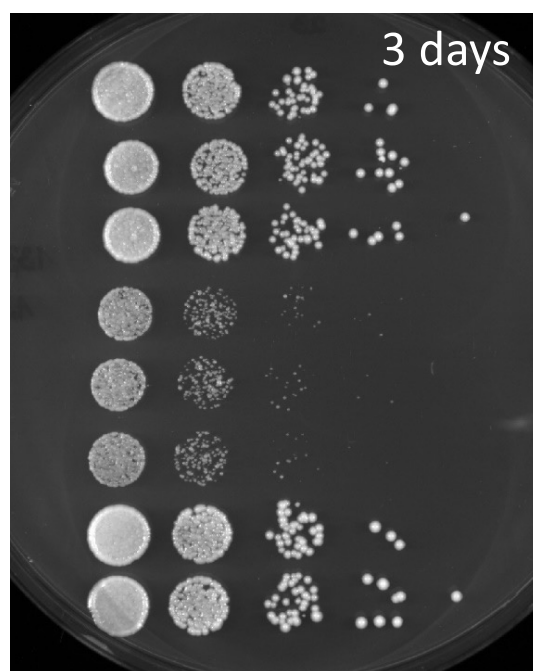
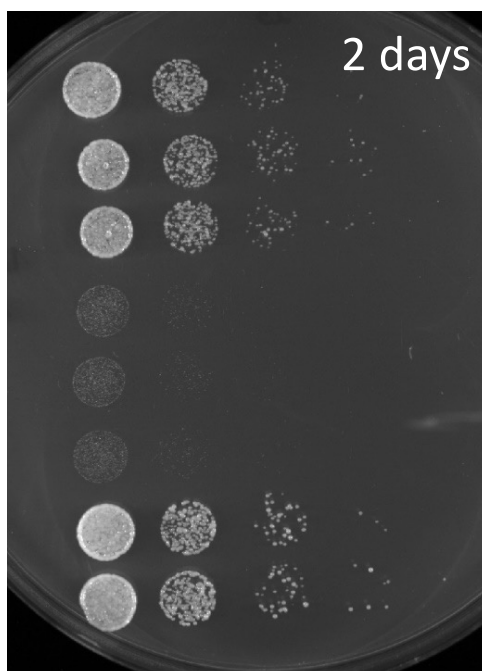
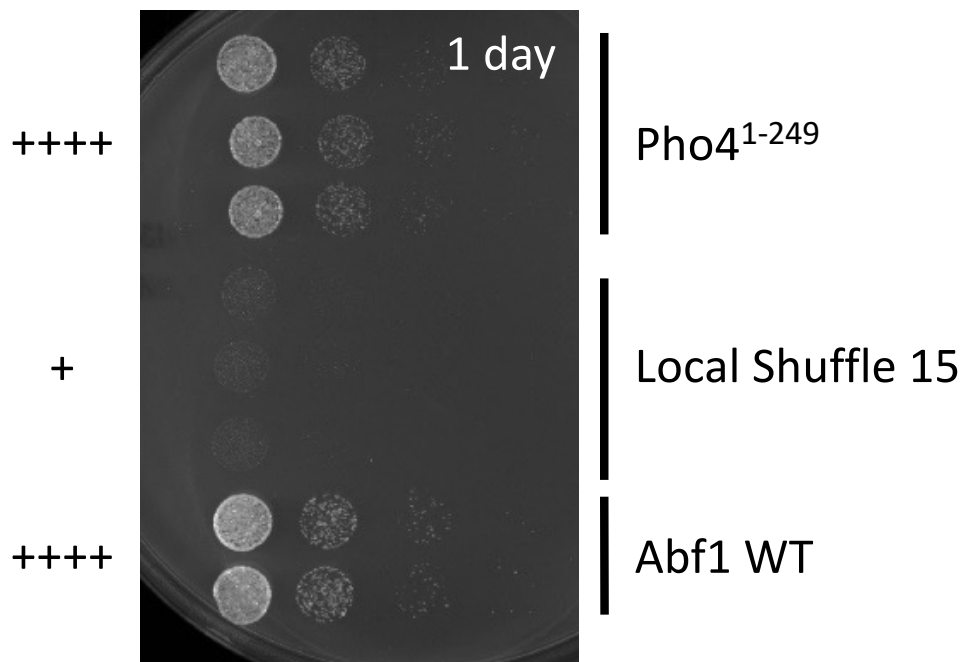


FUS¹⁻¹⁶³12E + TDP-43 helix

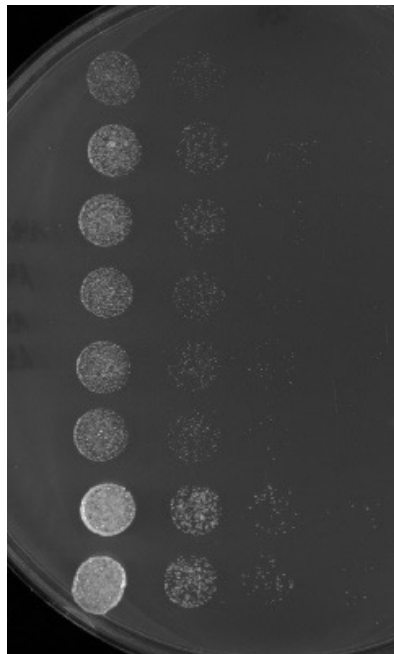
FUS¹⁻¹⁶³12E + Y/M

Abf1 WT





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Altered valence 2

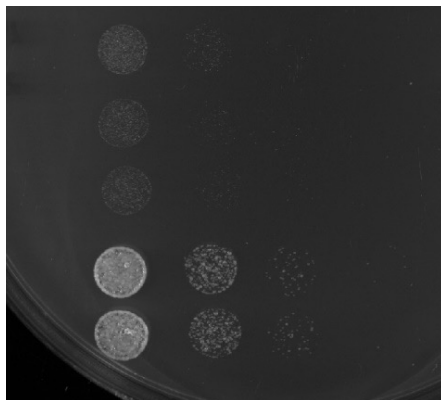
+++)

[No paper name yet]
(FUS12E_TDP_dist. Klon 1,2,3)

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Abf1 WT

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FUS12E + Abf1^{G4} motif

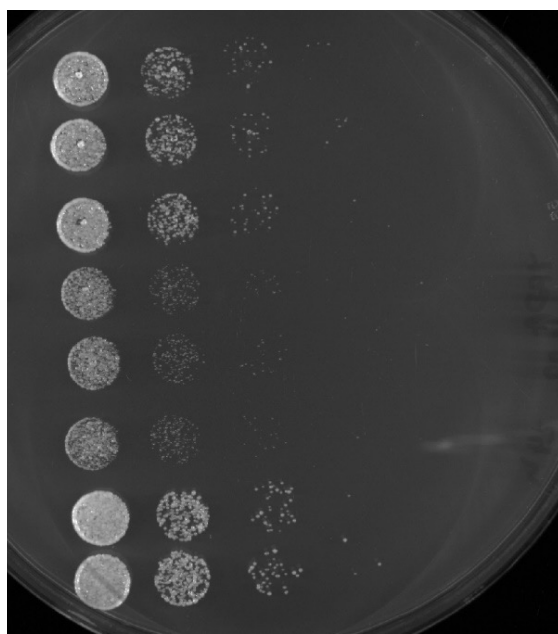
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Abf1 WT

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[No paper name yet]

(Gal4_global_shuffle_1 Klon 1,2,3)

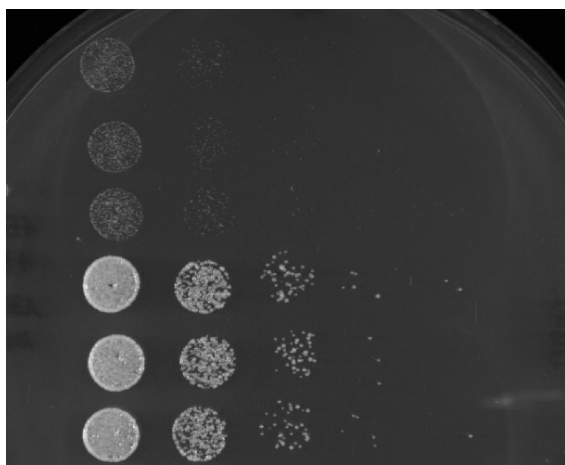
[No paper name yet]

(Gal4_global_shuffle_2 Klon 1,4,5)

Abf1 WT

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[No paper name yet]

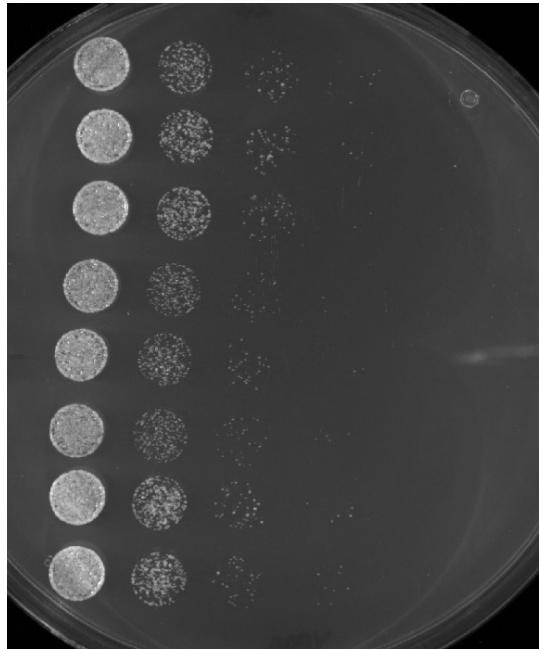
(Gal4_global_shuffle_3 Klon 1,2,3)

Abf1 WT

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ΔIDR1

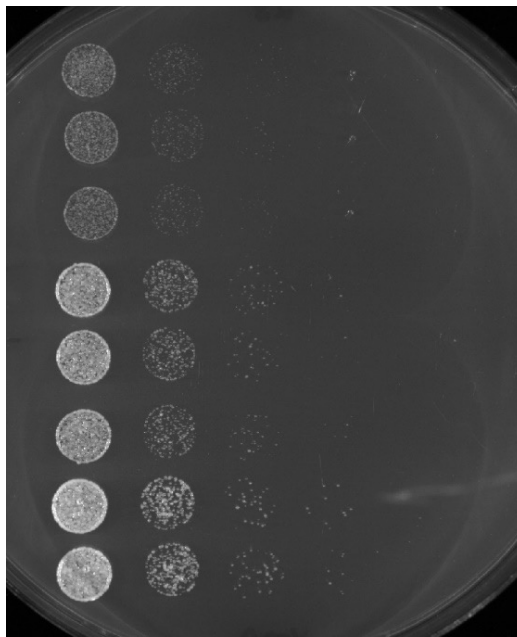
ΔIDR1 & IDR2⁴⁴⁹⁻⁶⁶²

Abf1 WT

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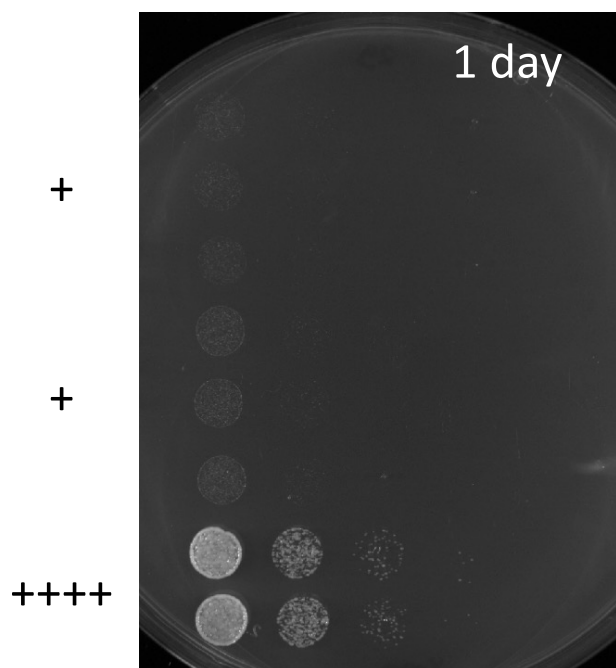
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FUS¹⁻¹⁶³12E + Gal4^{G4} motif

Altered valence 1

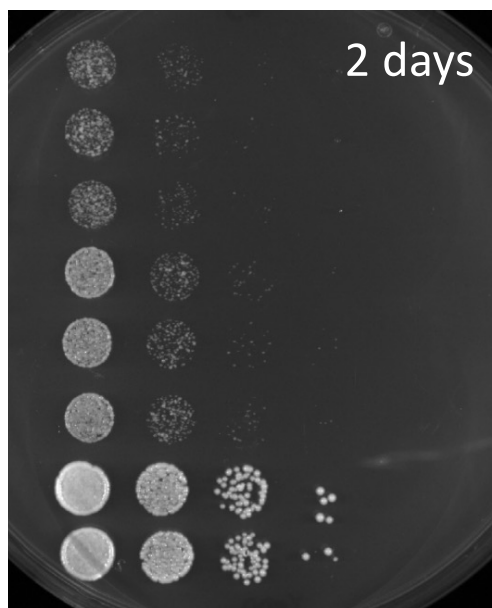
Abf1 WT



FUS¹⁻¹⁶³12E + Gal4^{G4}
- all acidic residues

NCS506-Flag

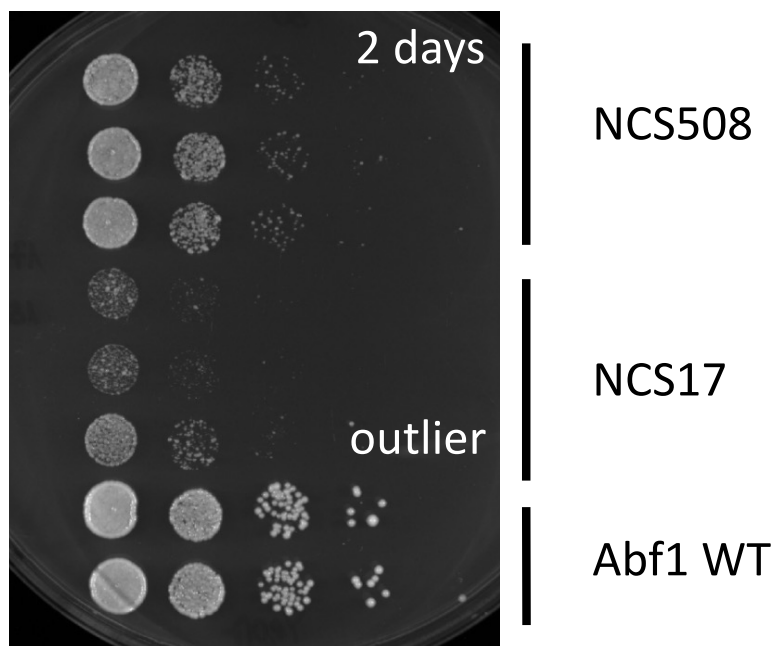
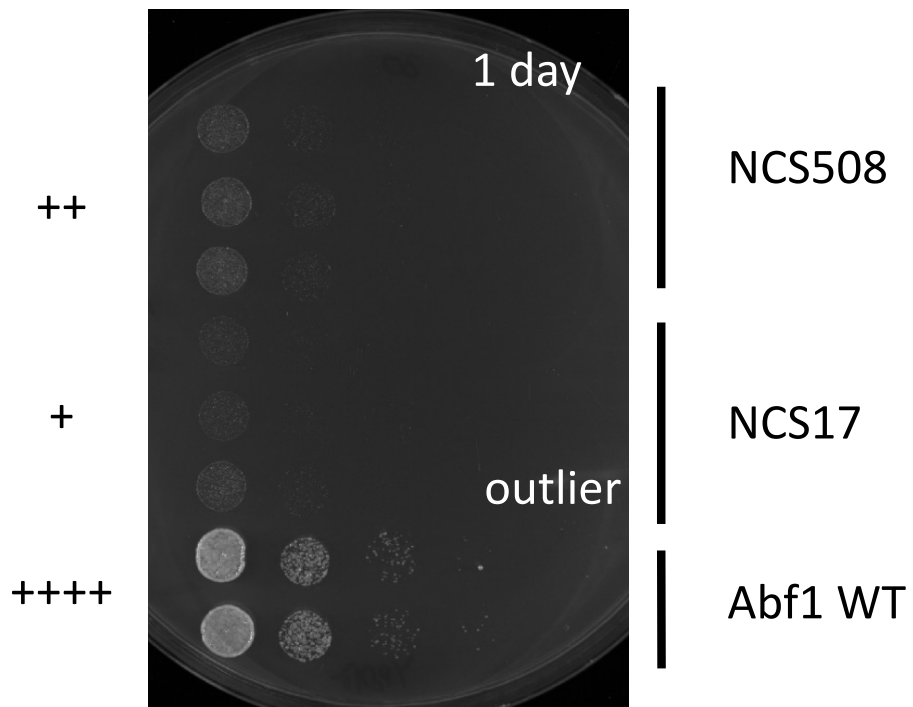
Abf1 WT

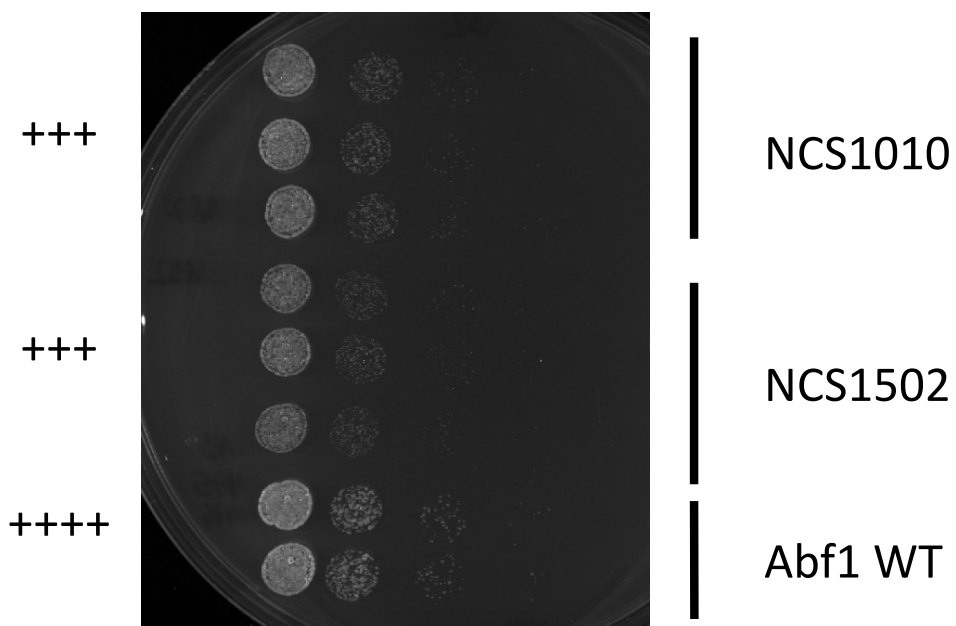
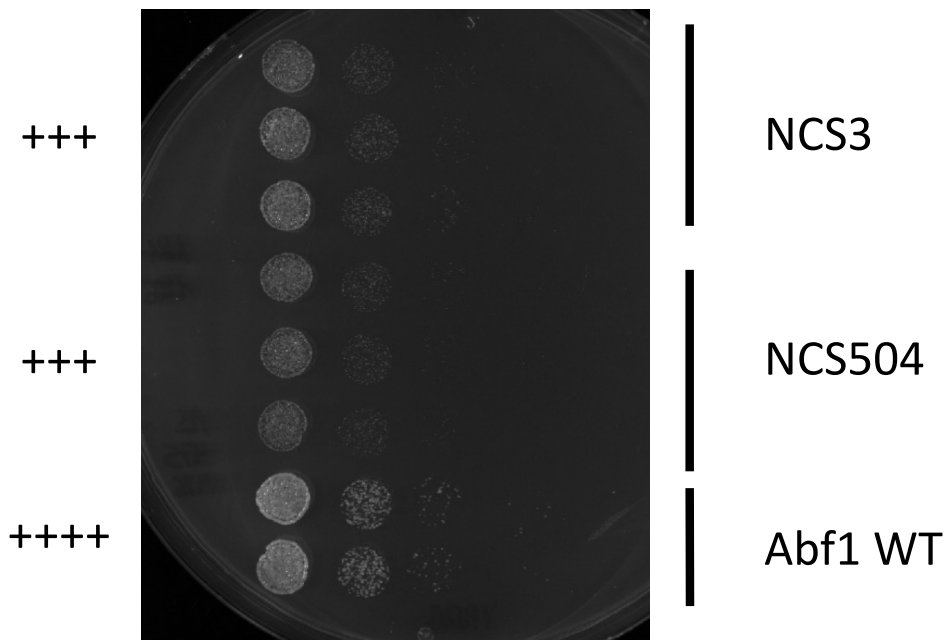


FUS¹⁻¹⁶³12E + Gal4^{G4}
- all acidic residues

NCS506-Flag

Abf1 WT

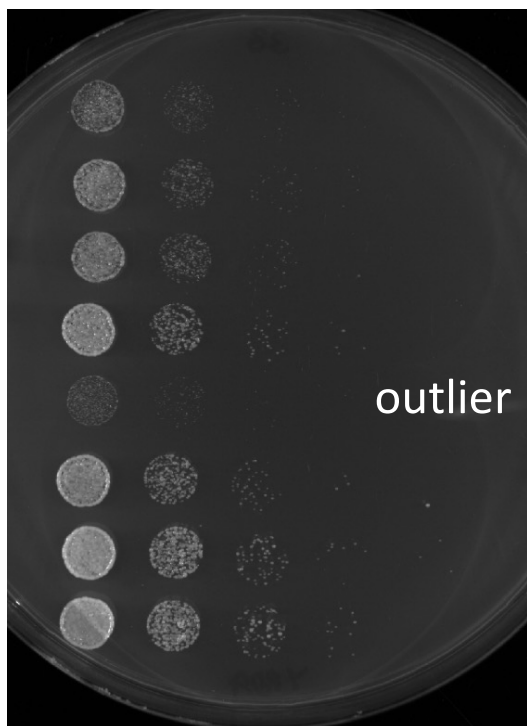




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NCS1508

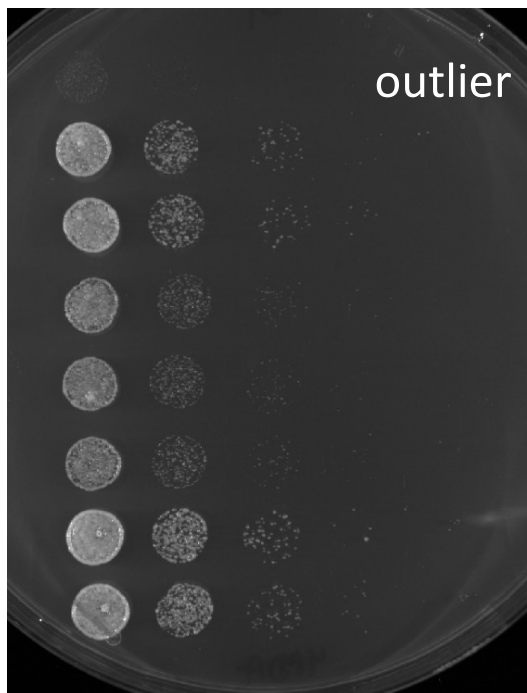
NCS509

Abf1 WT

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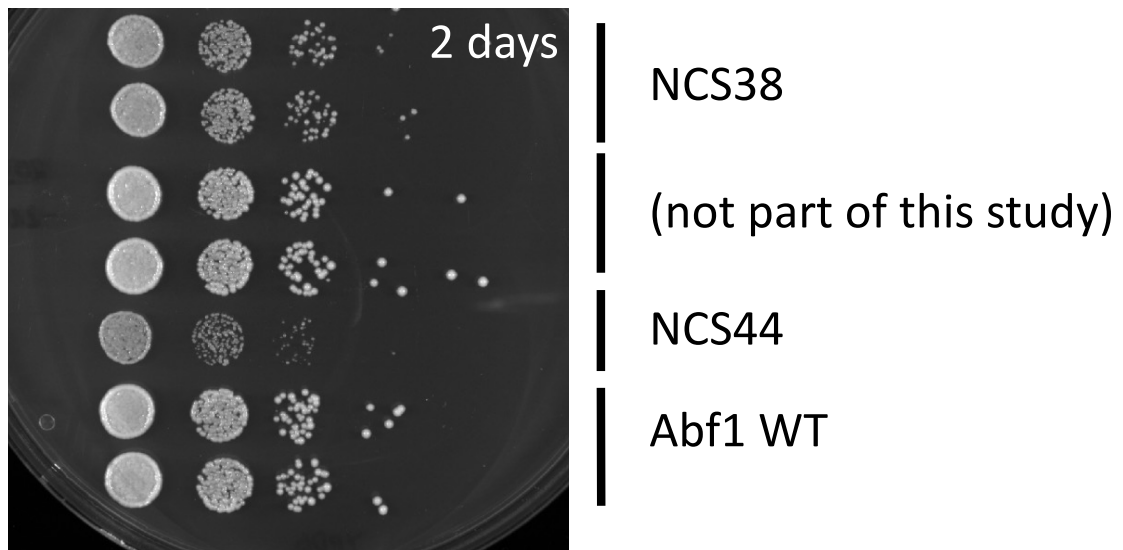
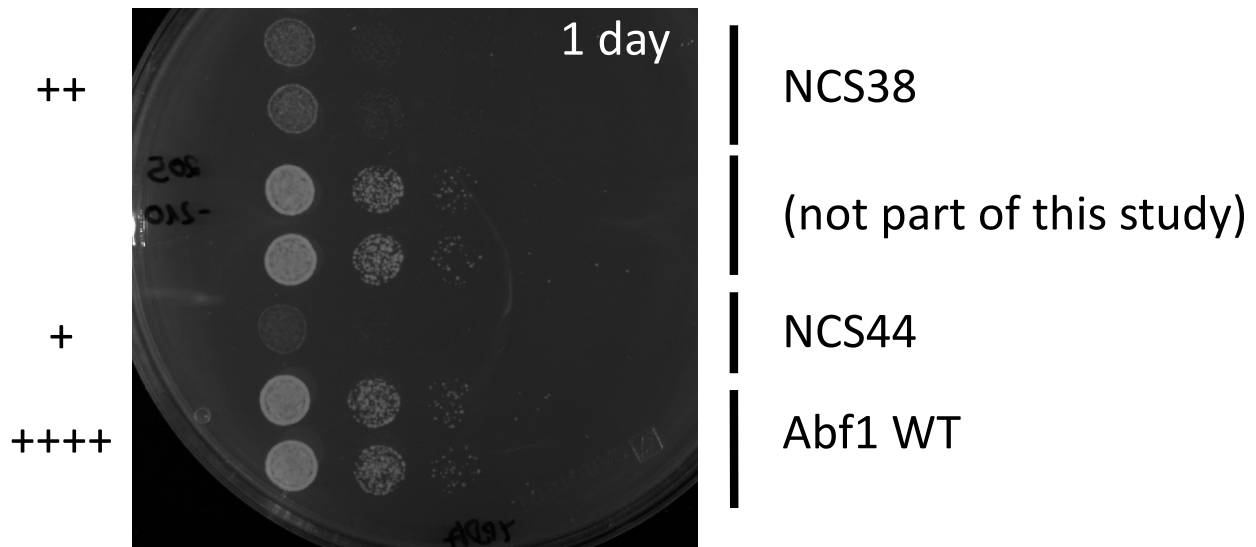
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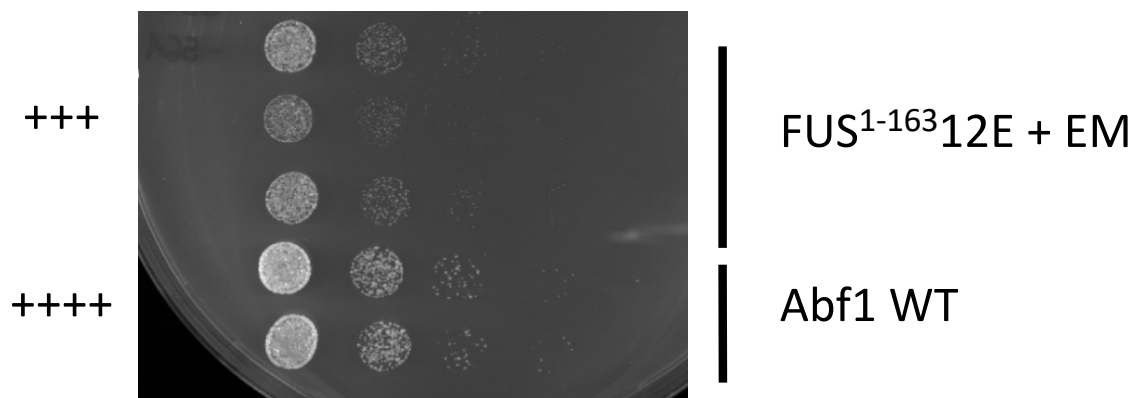
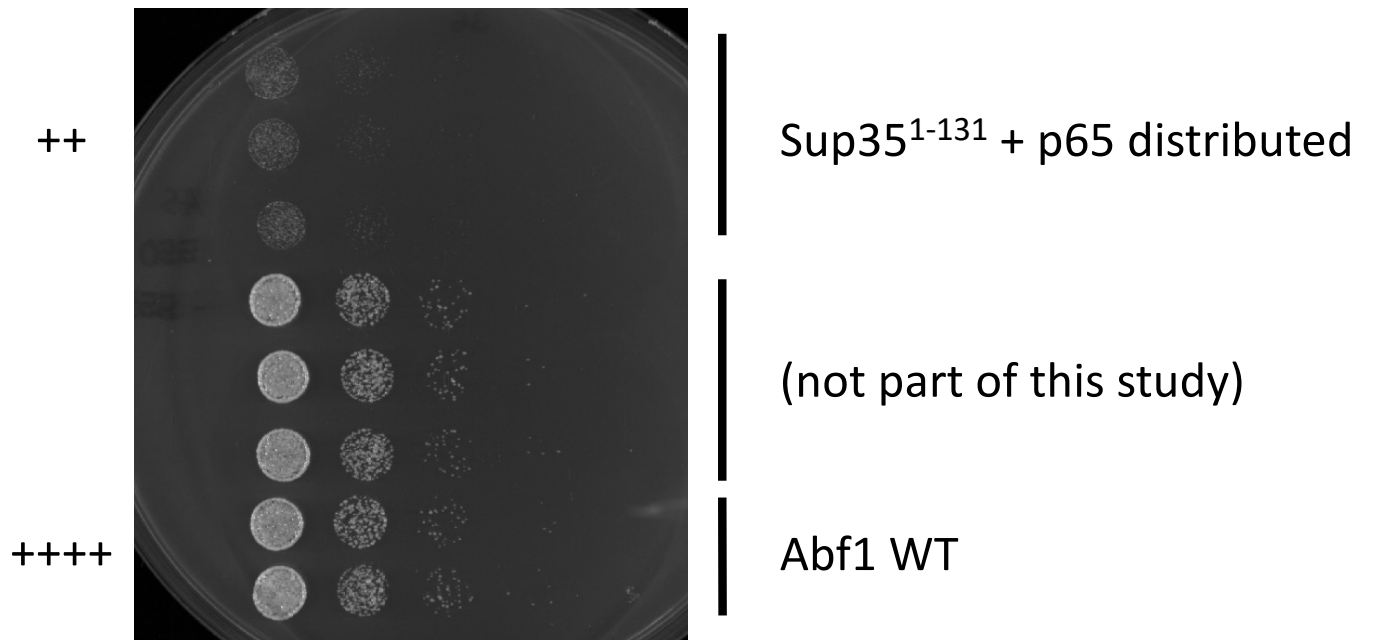


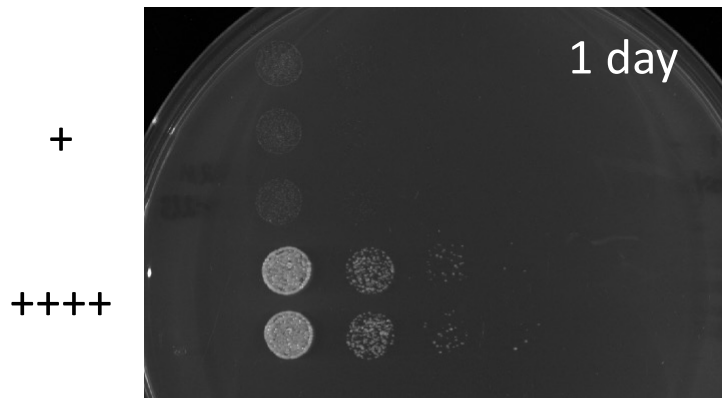
NCS510

NCS21

Abf1 WT







[no paper name yet]
NCS21 hydro2polar to wt

Abf1 WT

