

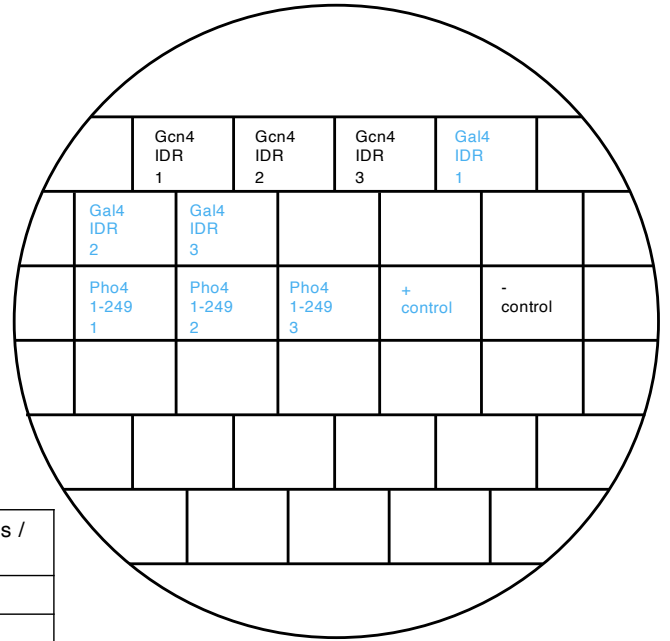
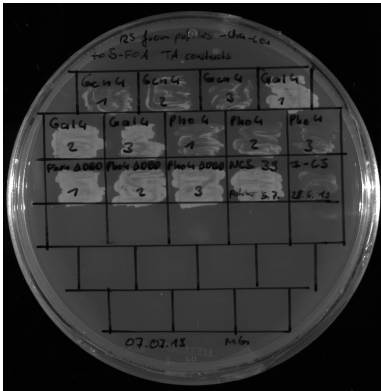
Supplemental figures

figure S1: Viability of Abf1 constructs assessed by 5-FOA plasmid shuffling assay.

Strains harboring both pRS416-*ABF1* plasmid (*URA3* marker) and pRS315 plasmid bearing the *abf1* mutant construct gene and the *LEU2* marker in the strain background with deleted *abf1* chromosomal gene were re-streaked from patches from YNB w/o ura, leu plates onto 5-FOA w/o leu plates. Only constructs discussed in the paper are labeled in plate schemes, where names of viable strains are in blue, names of inviable ones in black. Viability on 5-FOA plates was visually scored by comparison to known viable or inviable strains on the same plate.

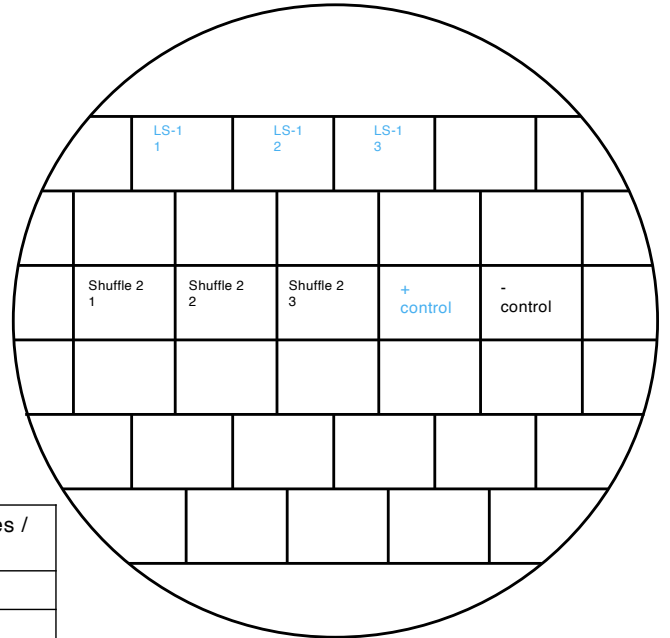
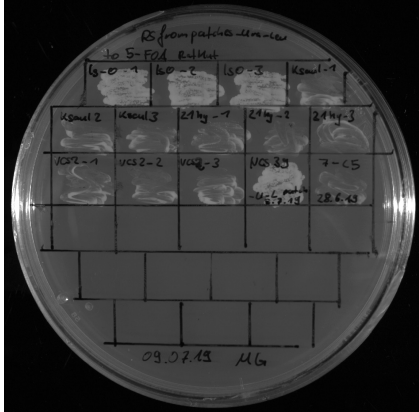
Inviability strains were distinguished from viable strains because they showed a smeary appearance and at most tiny/sparse single colonies, whereas viable strains grew as a more or less dense patch.

For each construct, independent clones were tested with the clone number given in the plate schemes. On each slide, a table summarizes the result of the shown plate and in brackets the total result obtained for this construct if all tested clones on all plates were considered. If the same clone showed conflicting results in technical replicates, it was not counted as viable or inviable, but included in the total number of tested clones. The final categorization of each construct as viable or inviable followed the majority of tested clones excluding the clones with ambiguous results in technical replicates.



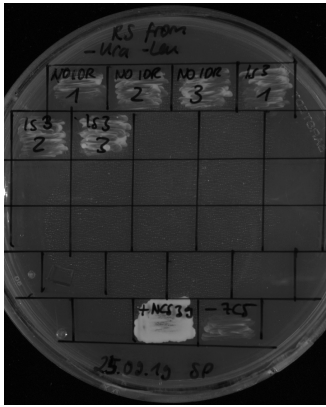
Restreak from YNB –ura –leu to 5-FOA –leu

Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
Gcn4 IDR 17-150	inviable	3 out of 3
Gal4 IDR 768-881	viable	3 out of 3
Pho4 1-249	viable	3 out of 3



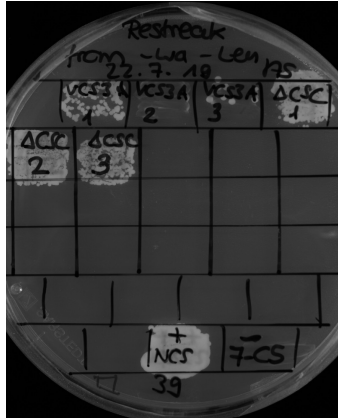
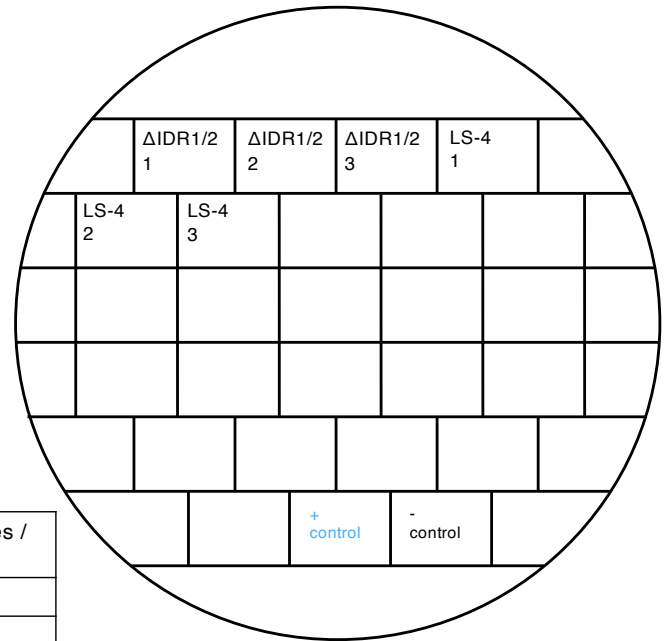
Restreak from YNB –ura –leu to 5-FOA –leu

Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
LS-1	viable	3 out of 3
Shuffle 2	inviable	3 out of 3



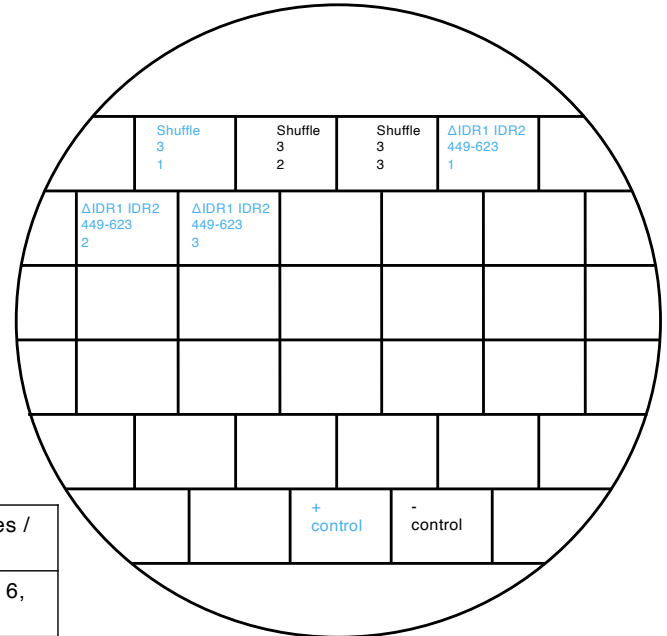
Restreak from YNB –ura –leu to 5-FOA –leu

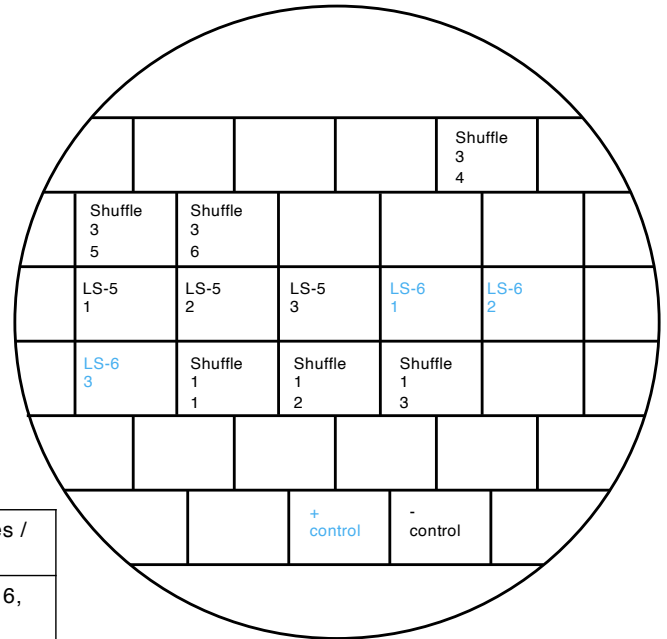
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
ΔIDR1/2 (NLS-FLAG)	inviable	3 out of 3
LS-4	inviable	3 out of 3



Restreak from YNB –ura –leu to 5-FOA –leu

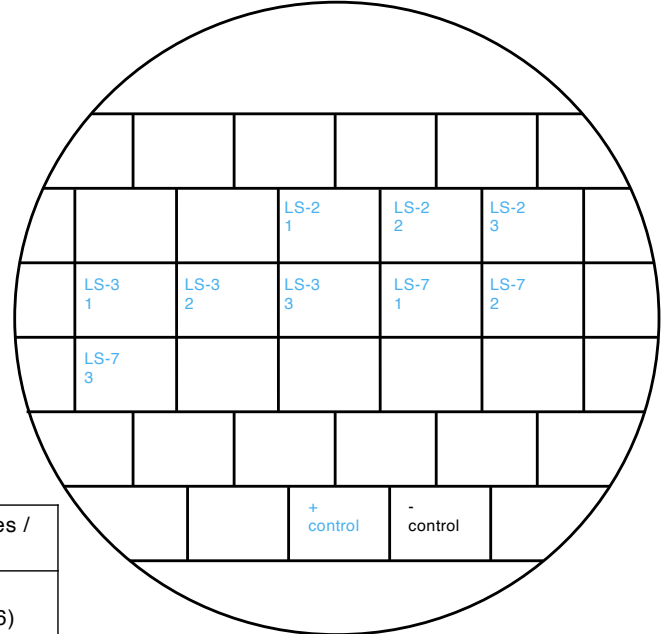
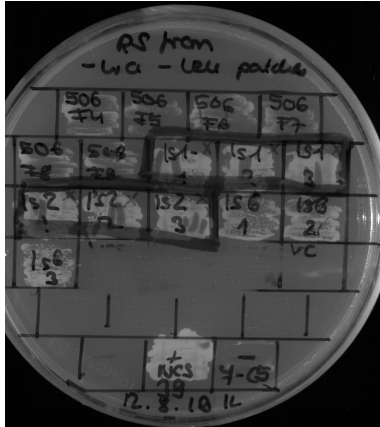
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
Shuffle 3	inviable	2 out of 3 (in total 5 out of 6, see also slide 4)
ΔIDR1 IDR2 449-623	viable	3 out of 3





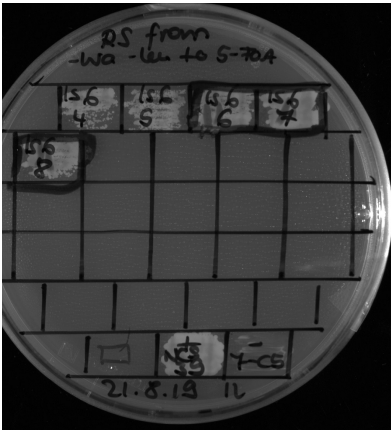
Restreak from YNB -ura -leu to 5-FOA -leu

Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
Shuffle 3	inviabile	3 out of 3 (in total 5 out of 6, see also slide 3)
LS-5	inviabile	3 out of 3
LS-6	viable	3 out of 3
Shuffle 1	inviabile	3 out of 3



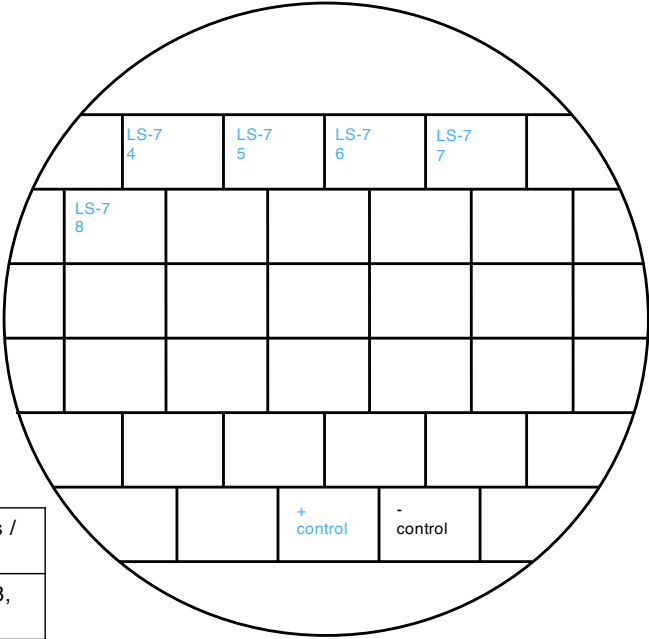
Restreak from YNB -ura -leu to 5-FOA -leu

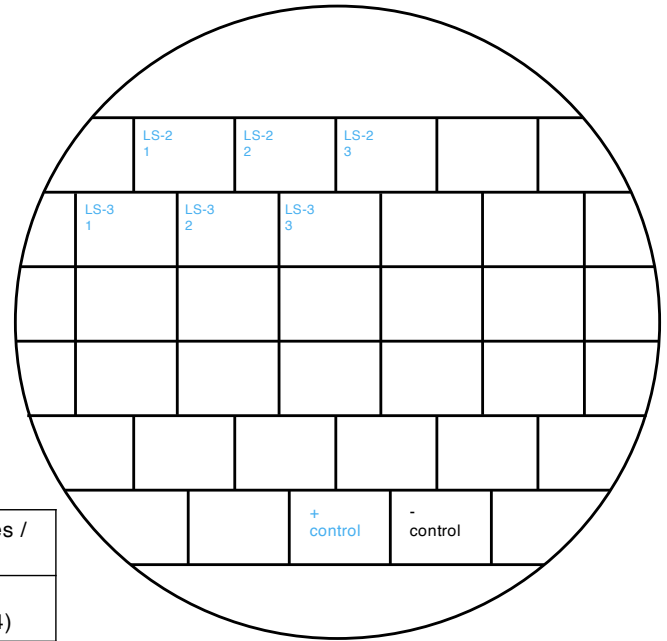
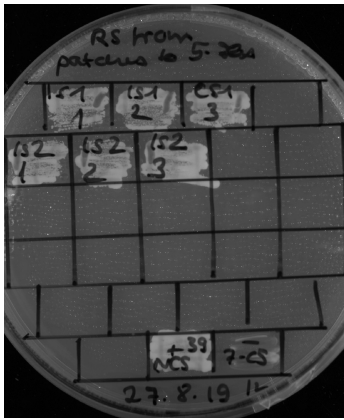
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
LS-2	viable	3 out of 3 (technical replicates, see also slide 6)
LS-3	viable	3 out of 3 (technical replicates, see also slide 6)
LS-7	viable	3 out of 3 (in total 8 out of 8, see also slide 5)



Restreak from YNB -ura -leu to 5-FOA -leu

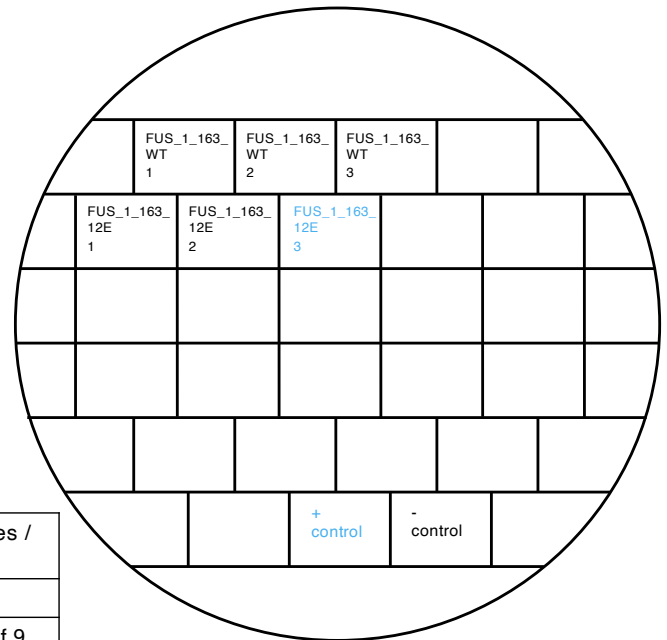
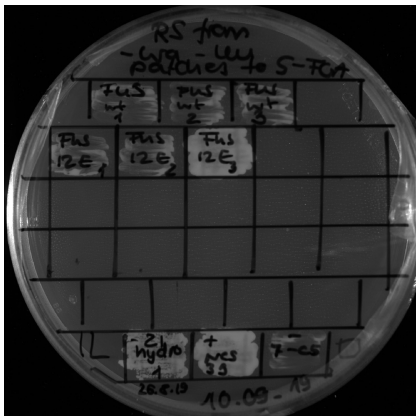
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
LS-7	viable	5 out of 5 (in total 8 out of 8, see also slide 4)





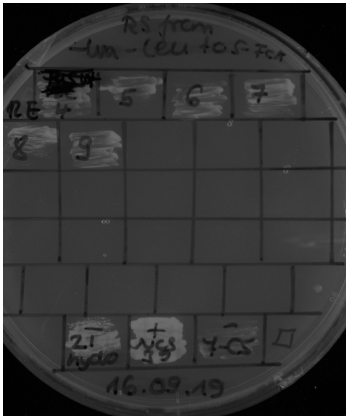
Restreak from YNB -ura -leu to 5-FOA -leu

Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
LS-2	viable	3 out of 3 (technical replicates, see also slide 4)
LS-3	viable	3 out of 3 (technical replicates, see also slide 4)



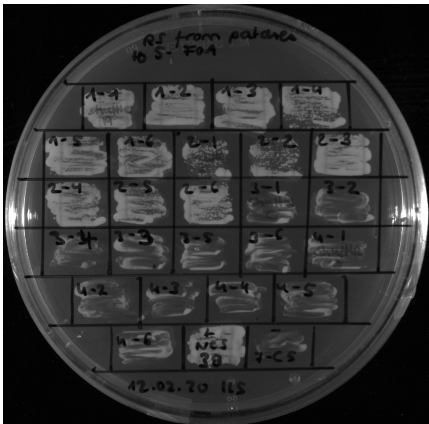
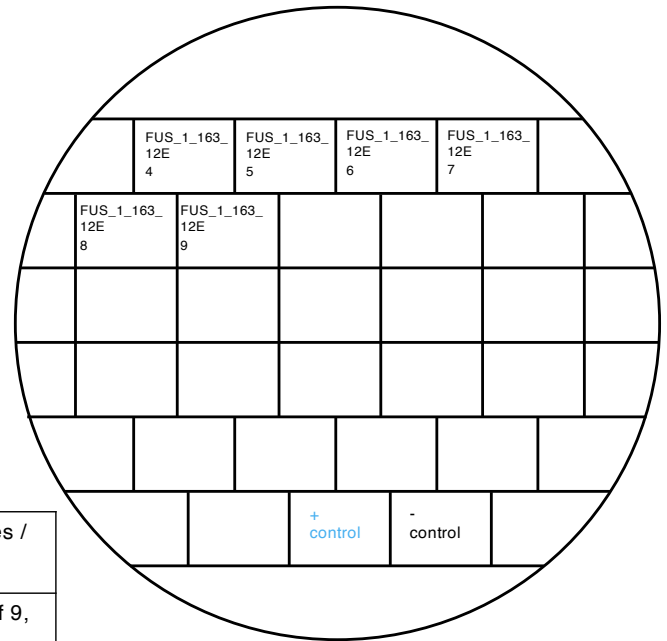
Restreak from YNB -ura -leu to 5-FOA -leu

Construct	Construct	Number of (in)viable clones / total number of clones
FUS_1_163_WT	inviabile	3 out of 3
FUS_1_163_12E	inviabile	2 out of 3 (in total: 8 out of 9, see also slides 7 and 14)



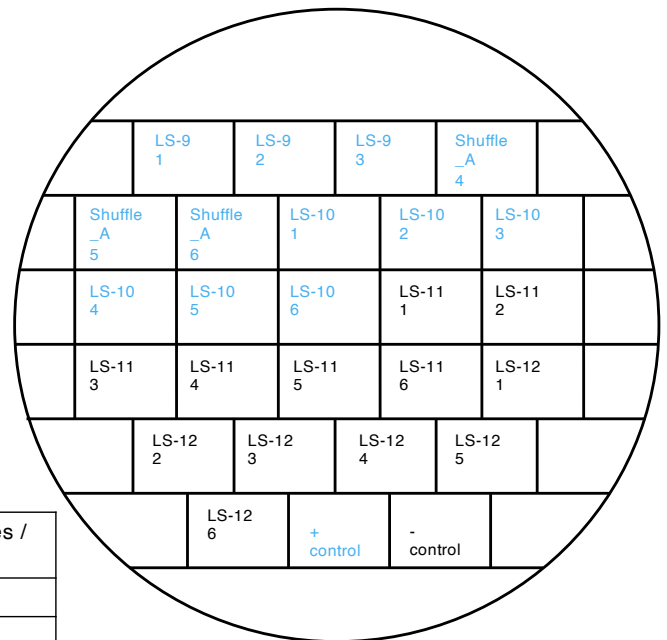
Restreak from YNB –ura –leu to 5-FOA –leu

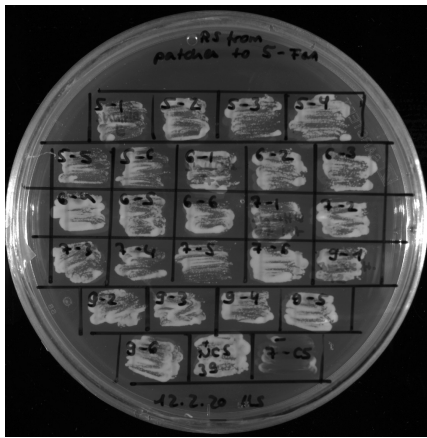
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
FUS_1_163_12E	Invisible	6 out of 6 ((in total 8 out of 9, see also slides 6 and 14)



Restreak from YNB –ura –leu to 5-FOA –leu

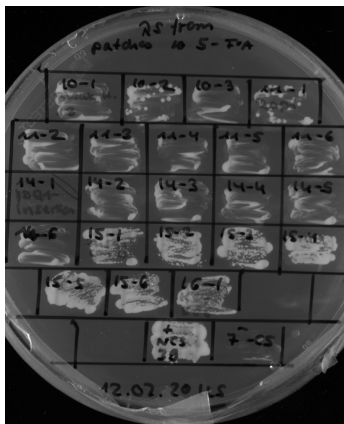
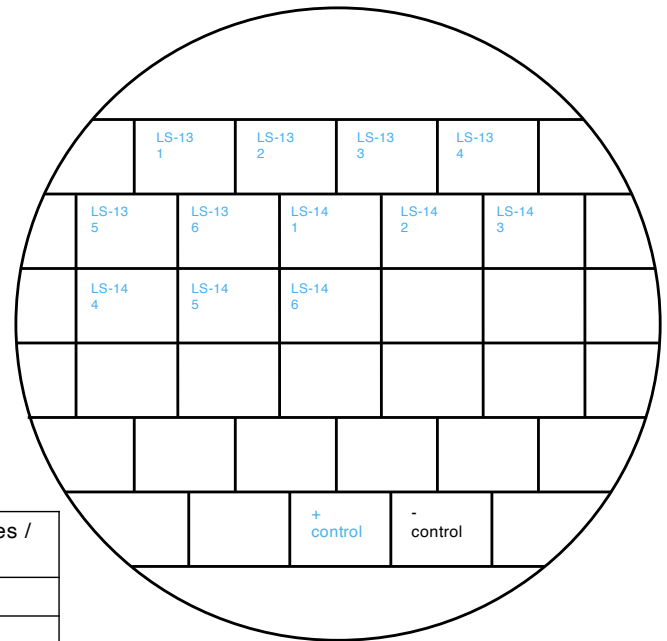
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
LS-9	viable	6 out of 6
LS-10	viable	6 out of 6
LS-11	invisible	6 out of 6
LS-12	invisible	6 out of 6





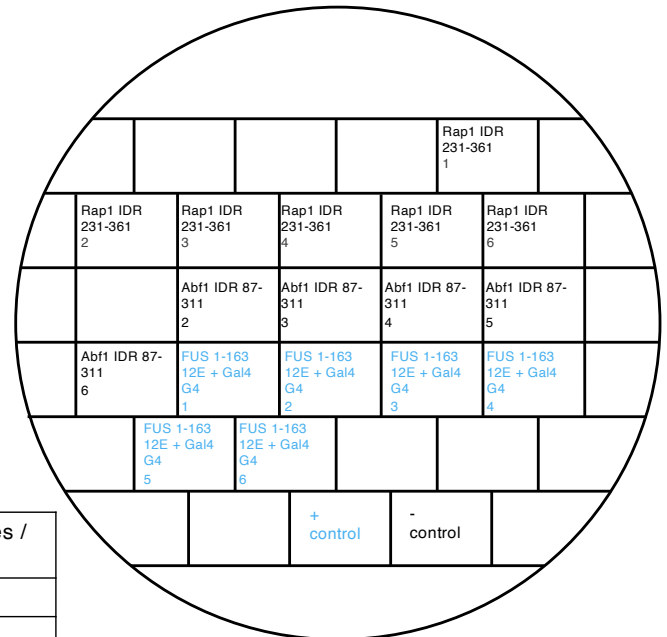
Restreak from YNB –ura –leu to 5-FOA –leu

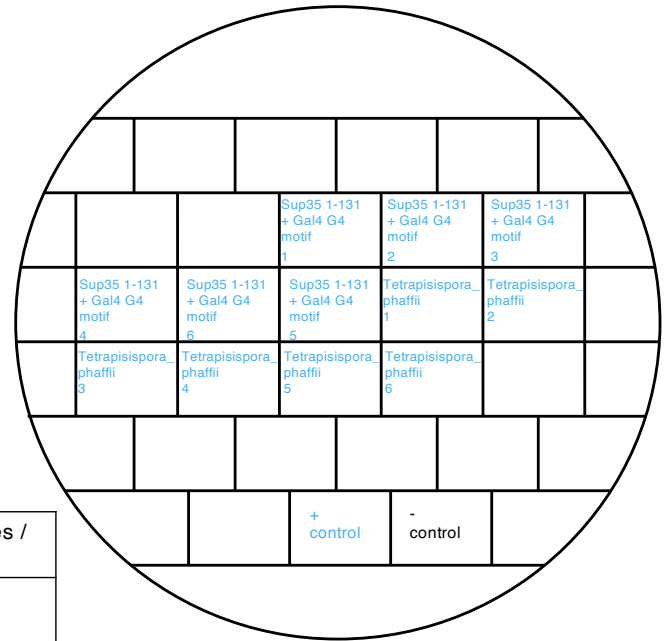
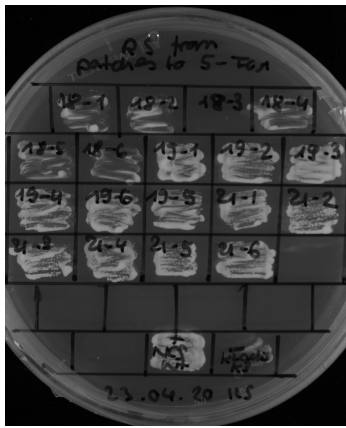
Construct	Construct	Number of (in)viable clones / total number of clones
LS-13	viable	6 out of 6
LS-14	viable	6 out of 6



Restreak from YNB –ura –leu to 5-FOA –leu

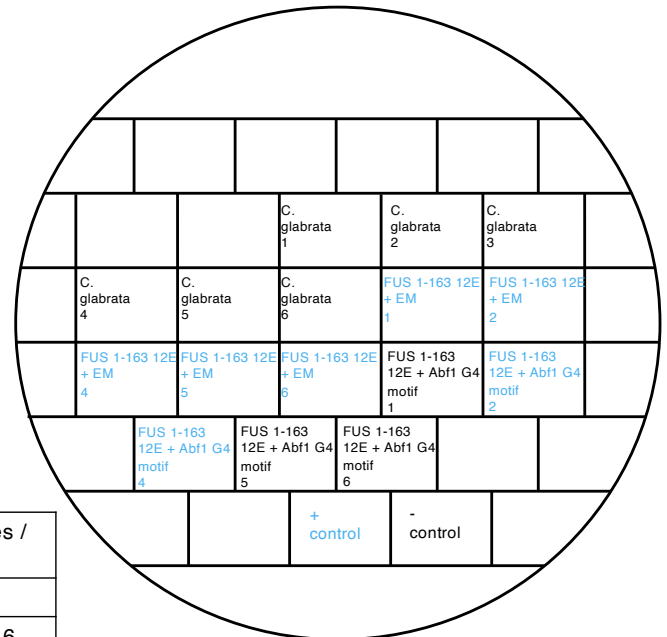
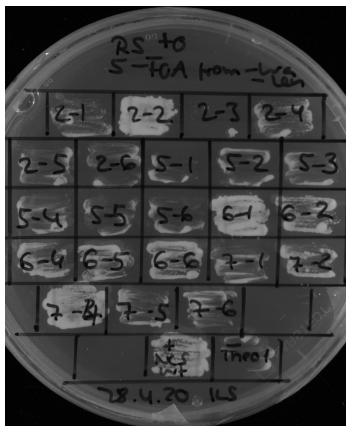
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
Rap1 IDR 231-361	inviability	6 out of 6
Abf1 IDR 87-311	inviability	6 out of 6
FUS 1-163 12E + Gal4 G4	viable	6 out of 6





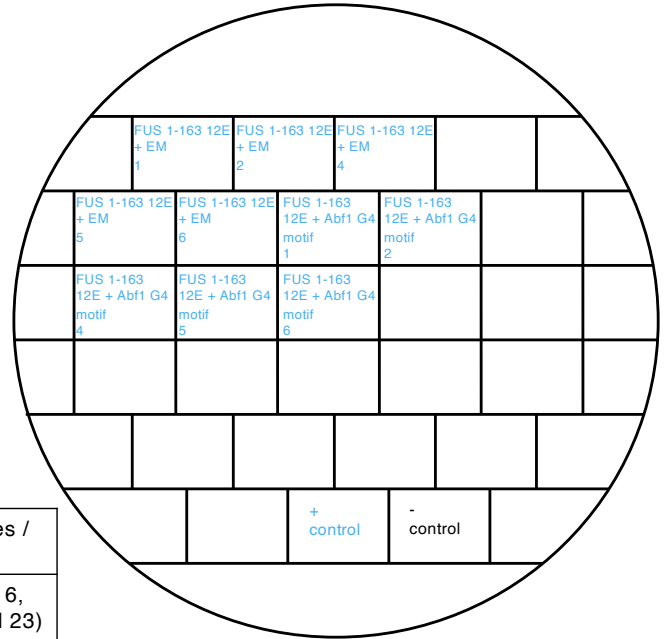
Restreak from YNB –ura –leu to 5-FOA –leu

Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
Sup35 1-131 + Gal4 G4 motif	viable	6 out of 6
Tetrapisipora_phaffii	viable	6 out of 6



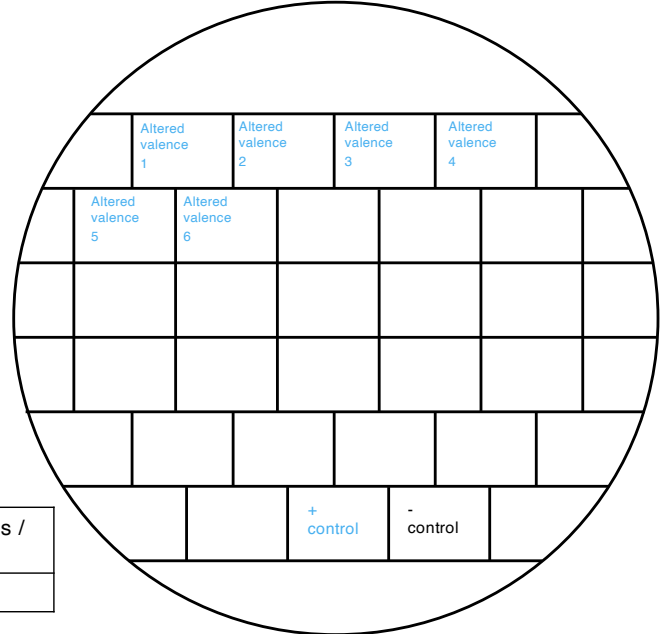
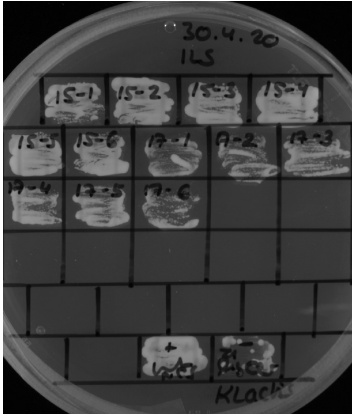
Restreak from YNB –ura –leu to 5-FOA –leu

Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
C. glabrata	inviabile	6 out of 6
FUS 1-163 12E + EM	viable	5 out of 5 (in total 6 out of 6, see also slides 11, 22, 23)
FUS 1-163 12E + Abf1 G4 motif	viable	2 out of 5 (in total 2 out of 2, technical replicate, see also slide 11)



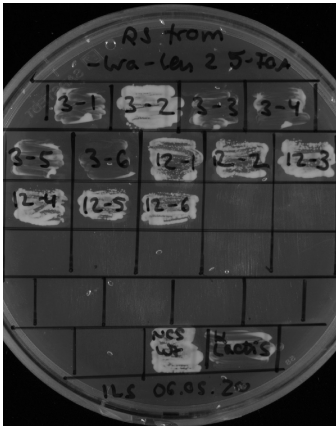
Restreak from YNB –ura –leu to 5-FOA –leu

Construct	Construct	Number of (in)viable clones / total number of clones
FUS 1-163 12E + EM	viable	5 out of 5 (in total 6 out of 6, see also slides 10, 22 and 23)
FUS 1-163 12E + Abf1 G4 motif	viable	5 out of 5 (in total 2 out of 2, technical replicate, see also slide 10)



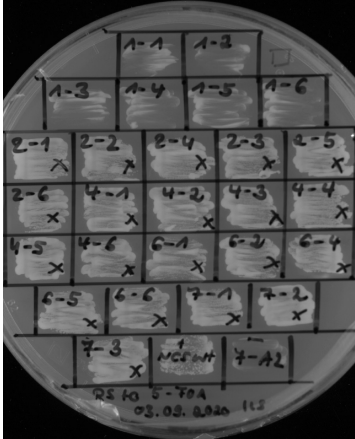
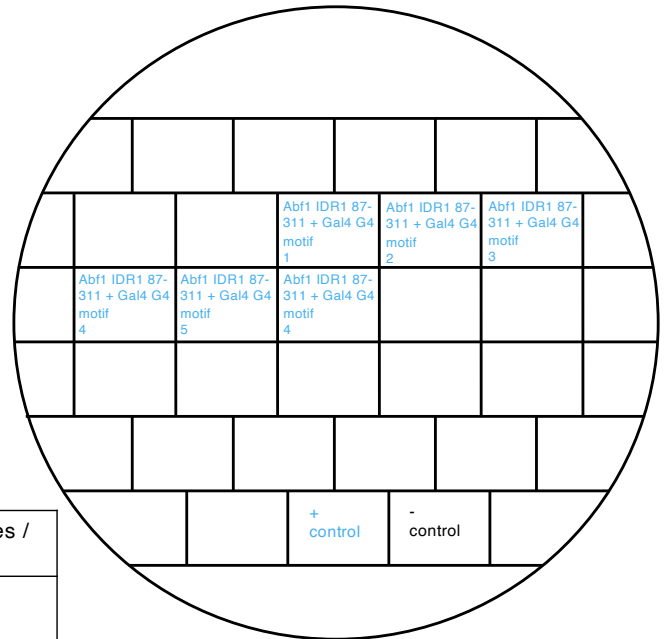
Restreak from YNB –ura –leu to 5-FOA –leu

Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
Altered valence 1	viable	6 out of 6



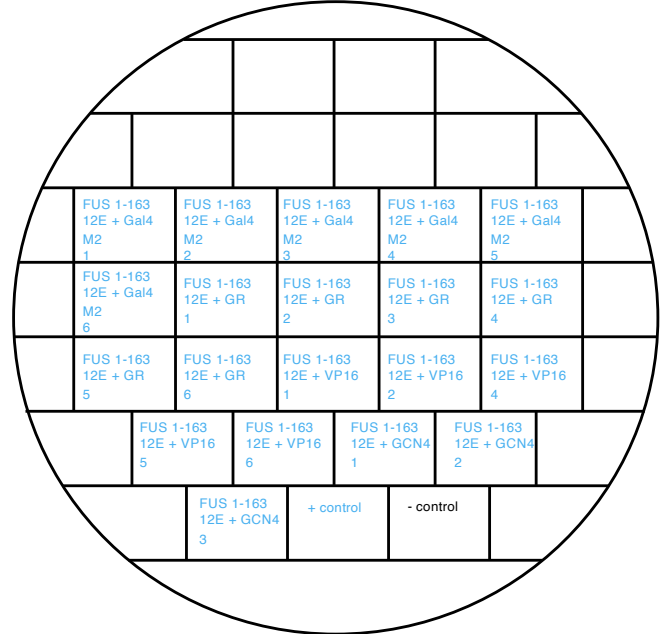
Restreak from YNB –ura –leu to 5-FOA –leu

Construct	Construct	Number of (in)viable clones / total number of clones
Abf1 IDR1 87-311 + Gal4 G4 motif	viable	6 out of 6



Restreak from YNB –ura –leu to 5-FOA –leu

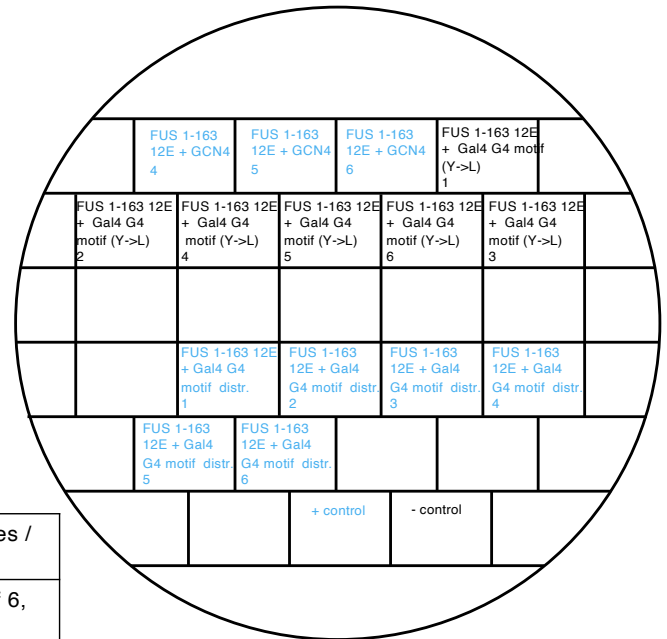
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
FUS 1-163 12E + Gal4 M2	viable	6 out of 6
FUS 1-163 12E + GR	viable	6 out of 6
FUS 1-163 12E + VP16	viable	5 out of 5
FUS 1-163 12E + GCN4	viable	3 out of 3 (in total 6 out of 6, see also slide 13)





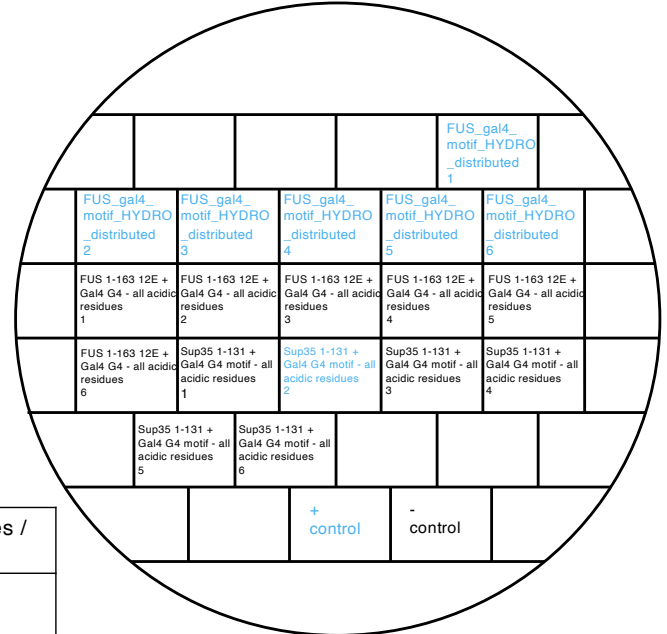
Restreak from YNB –ura –leu to 5-FOA –leu

Construct	Result regarding viability on 5-FOA	Number of (in)viabile clones / total number of clones
FUS 1-163 12E + GCN4	viable	3 out of 3 (in total 6 out of 6, see also slide 12)
FUS 1-163 12E + Gal4 G4 motif (Y->L)	inviable	6 out of 6
FUS 1-163 12E + Gal4 G4 motif distr.	viable	6 out of 6



Restreak from YNB –ura –leu to 5-FOA –leu

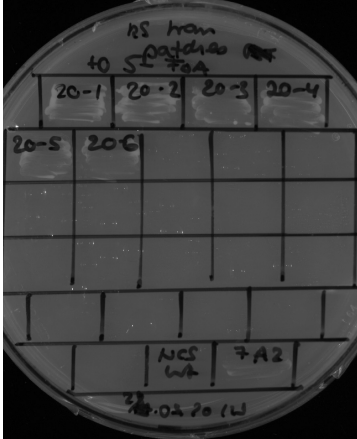
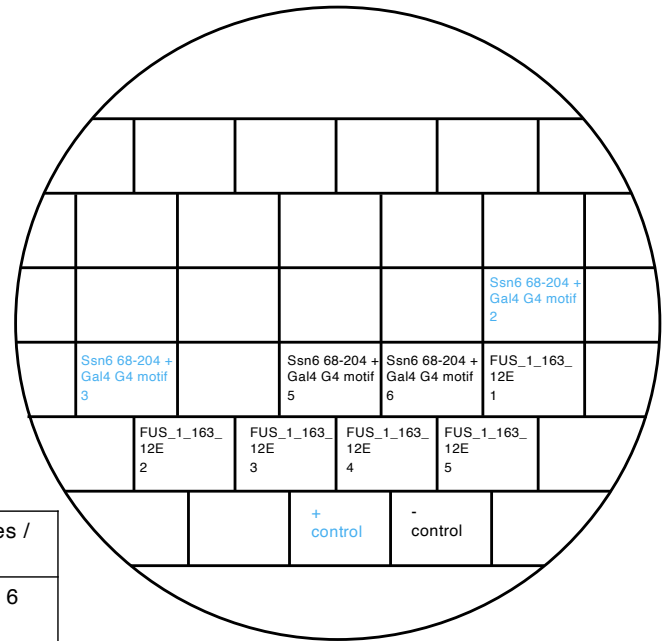
Construct	Result regarding viability on 5-FOA	Number of (in)viabile clones / total number of clones
FUS_gal4_motif_HYDRO_distributed	viable	6 out of 6
FUS 1-163 12E + Gal4 G4 - all acidic residues	inviable	6 out of 6
Sup35 1-131 + Gal4 G4 motif - all acidic residues	inviable	5 out of 6





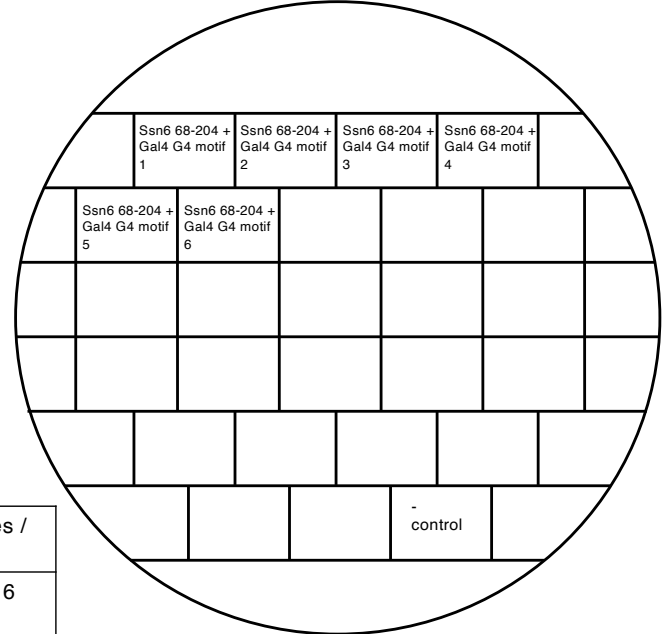
Restreak from YNB –ura –leu to 5-FOA –leu

Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
Ssn6 68-204 + Gal4 G4 motif	inviabile	2 out of 4 (in total 4 out of 6 see plate below)
FUS_1_163_12E	inviabile	5 out of 5 (in total 8 out of 9, see also slides 6 and 7)



Restreak from YNB –ura –leu to 5-FOA –leu

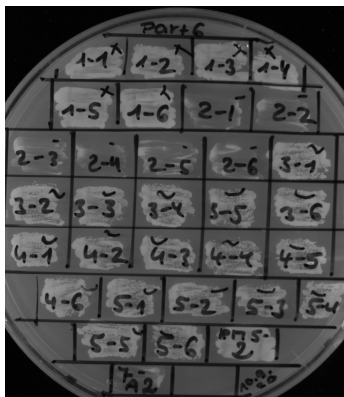
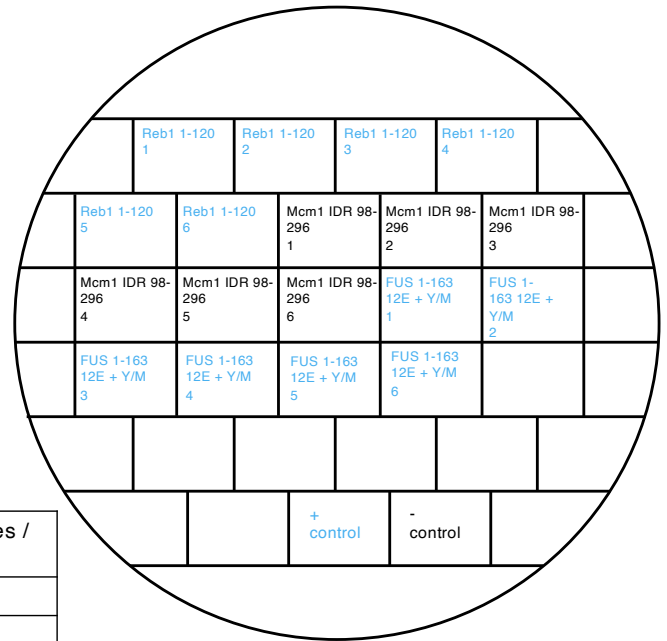
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
Ssn6 68-204 + Gal4 G4 motif	Inviabile	6 out of 6 (in total 4 out of 6 see plate above)





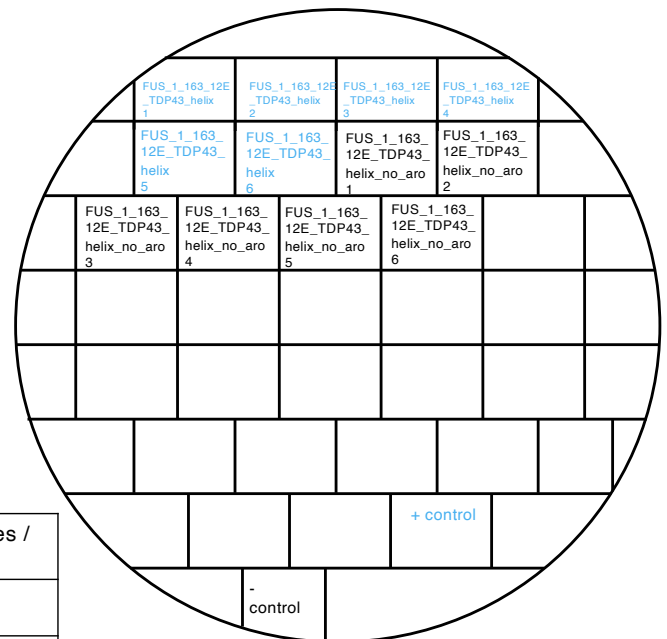
Restreak from YNB –ura –leu to 5-FOA –leu

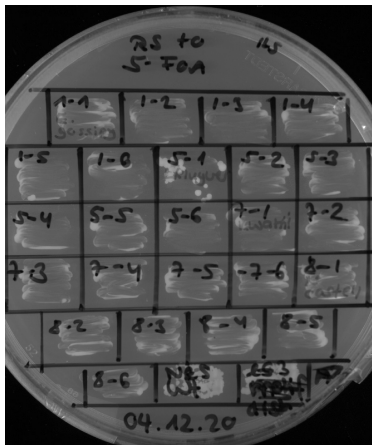
Construct	Result regarding viability on 5-FOA	Number of (in)viabile clones / total number of clones
Reb1 1-120 (frameshift)	viable	6 out of 6
Mcm1 IDR 98-296	inviabile	6 out of 6
FUS 1-163 12E + Y/M	viable	6 out of 6



Restreak from YNB –ura –leu to 5-FOA –leu

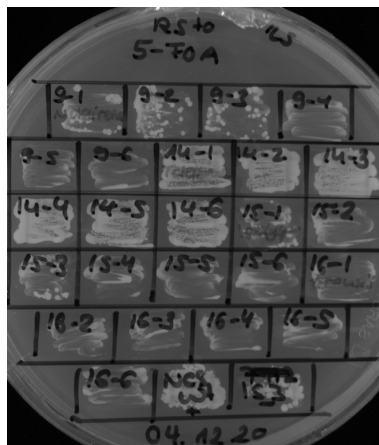
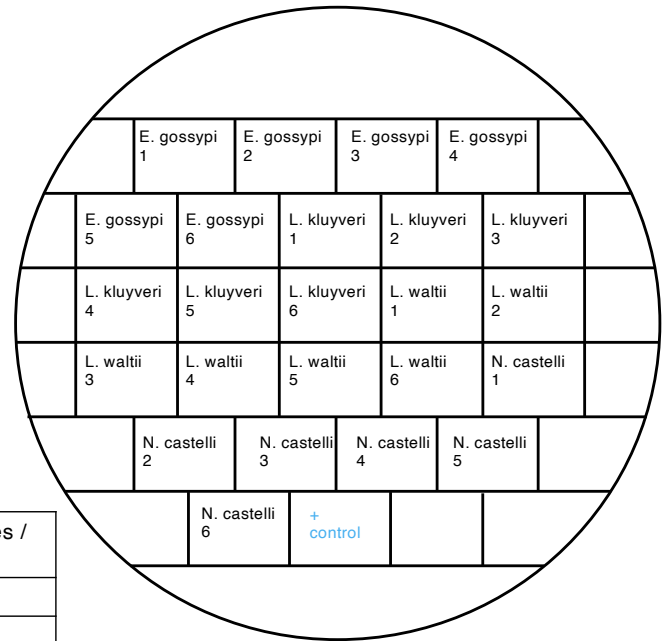
Construct	Result regarding viability on 5-FOA	Number of (in)viabile clones / total number of clones
FUS_1_163_12E_TDP43_helix	viable	6 out of 6
FUS_1_163_12E_TDP43_helix_no_aro	inviabile	6 out of 6





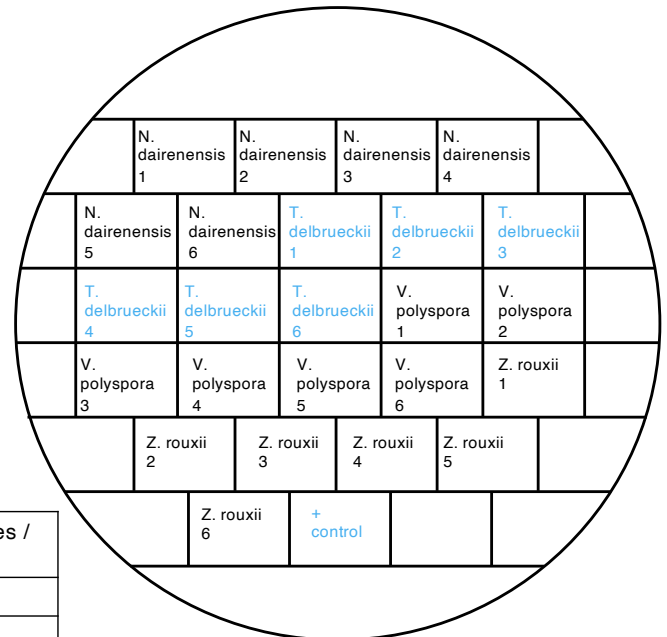
Restreak from YNB –ura –leu to 5-FOA –leu

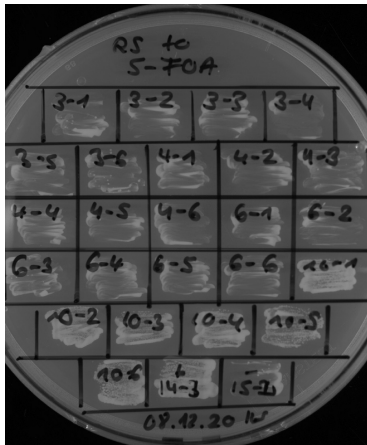
Construct	Result regarding viability on 5-FOA	Number of (in) viable clones / total number of clones
<i>E. gossypi</i>	in viable	6 out of 6
<i>L. kluyveri</i>	in viable	6 out of 6
<i>L. waltii</i>	in viable	6 out of 6
<i>N. castelli</i>	in viable	6 out of 6



Restreak from YNB –ura –leu to 5-FOA –leu

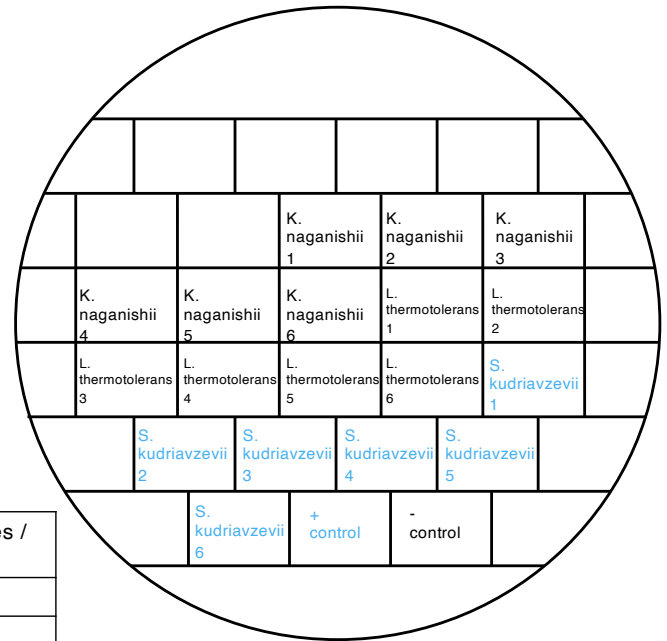
Construct	Result regarding viability on 5-FOA	Number of (in) viable clones / total number of clones
<i>N. dairenensis</i>	in viable	6 out of 6
<i>T. delbrueckii</i>	viable	6 out of 6
<i>V. polyspora</i>	in viable	6 out of 6
<i>Z. rouxii</i>	in viable	6 out of 6





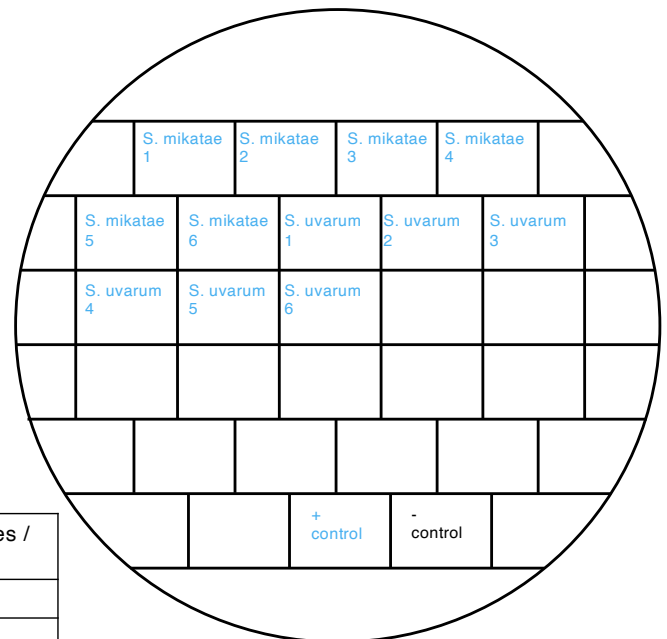
Restreak from YNB –ura –leu to 5-FOA –leu

Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
K. naganishii	inviabile	6 out of 6
L. thermotolerans	inviabile	6 out of 6
S. kudriavzevii	viable	6 out of 6



Restreak from YNB –ura –leu to 5-FOA –leu

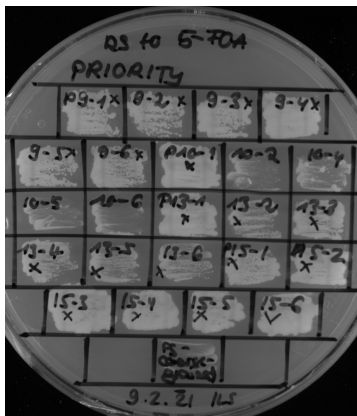
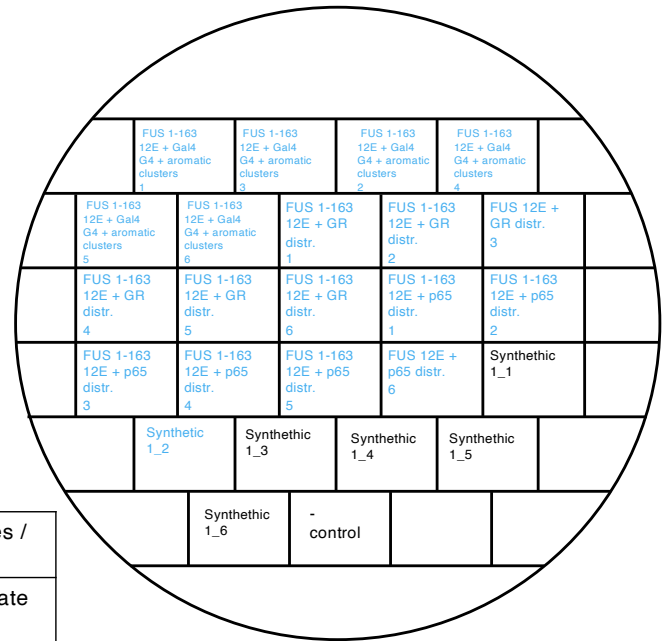
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
S. mikatae	viable	6 out of 6
S. uvarum	Viable	6 out of 6





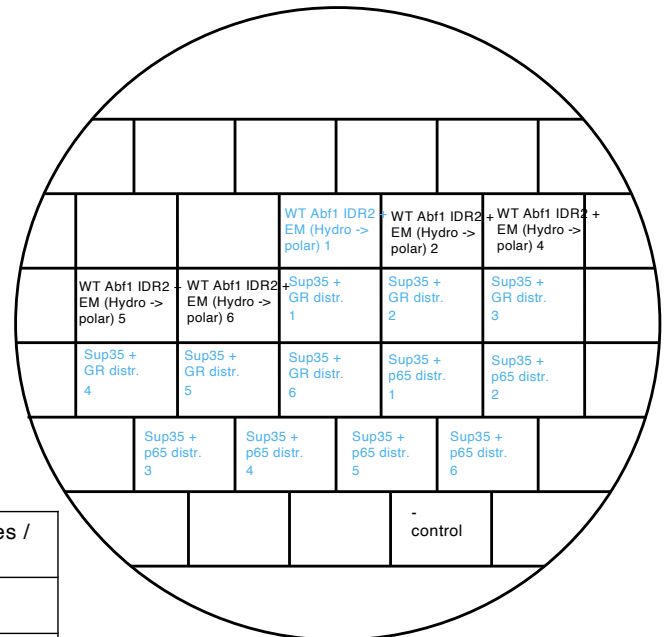
Restreak from YNB -ura -leu to 5-FOA -leu

Construct	Result regarding viability on 5-FOA	Number of (in)viabile clones / total number of clones
FUS 1-163 12E + Gal4 G4 + aromatic clusters	viable	6 out of 6 (technical replicate see slide 22)
FUS 1-163 12E + GR distr.	viable	6 out of 6
FUS 1-163 12E + p65 distr.	viable	6 out of 6
Synthetic 1	inviabile	5 out of 6



Restreak from YNB -ura -leu to 5-FOA -leu

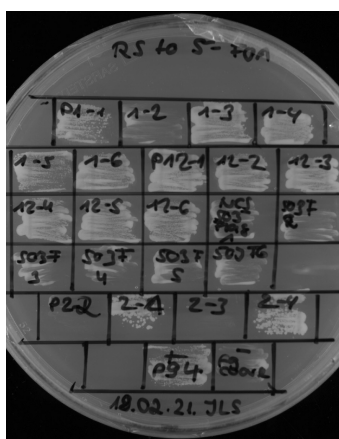
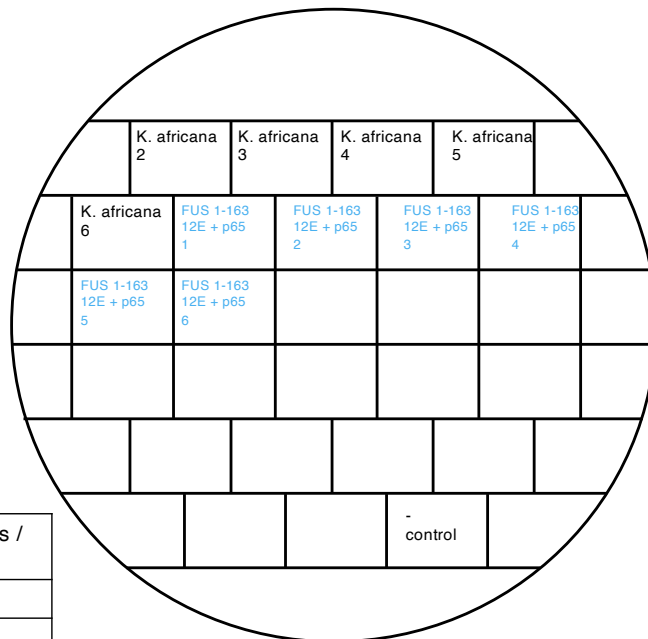
Construct	Result regarding viability on 5-FOA	Number of (in)viabile clones / total number of clones
WT Abf1 IDR2 + EM (Hydro -> polar)	inviabile	4 out of 5
Sup35 + GR distr.	viable	6 out of 6
Sup35 + p65 distr.	viable	6 out of 6





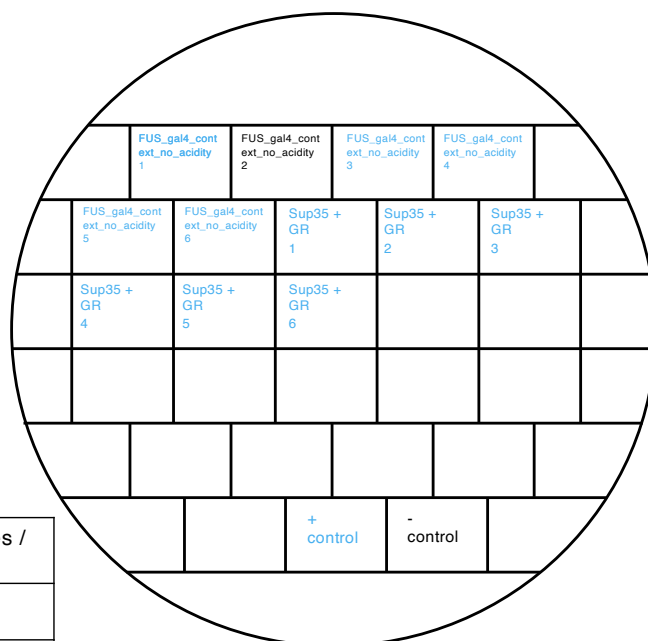
Restreak from YNB –ura –leu to 5-FOA –leu

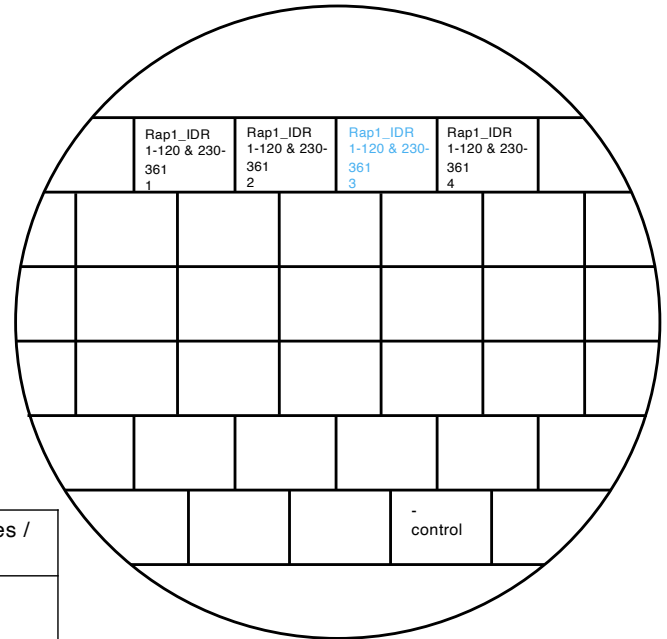
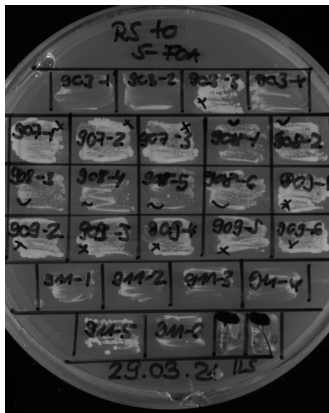
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
K. africana	inviabile	5 out of 5
FUS 1-163 12E + p65	viable	6 out of 6



Restreak from YNB –ura –leu to 5-FOA –leu

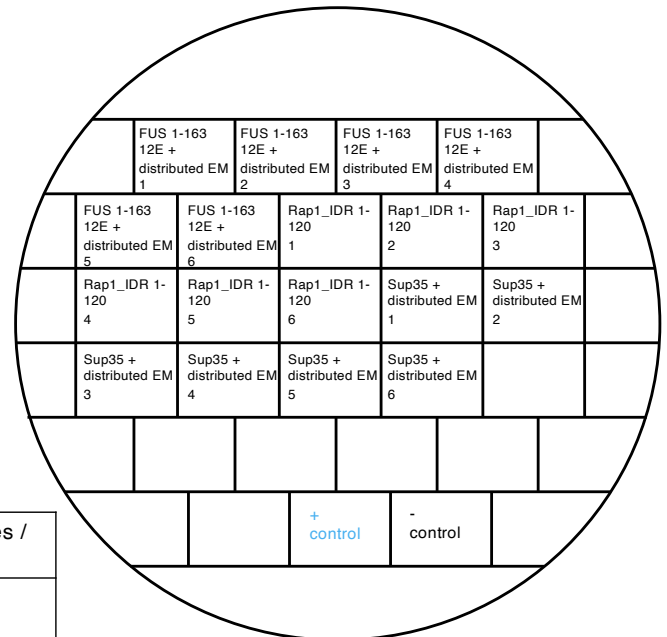
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
fus_gal4_context_no_acidity	viable	5 out of 6
Sup35 + GR	viable	6 out of 6





Restreak from YNB –ura –leu to 5-FOA –leu

Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
Rap1_IDR 1-120 & 230-361	inviable	3 out of 4



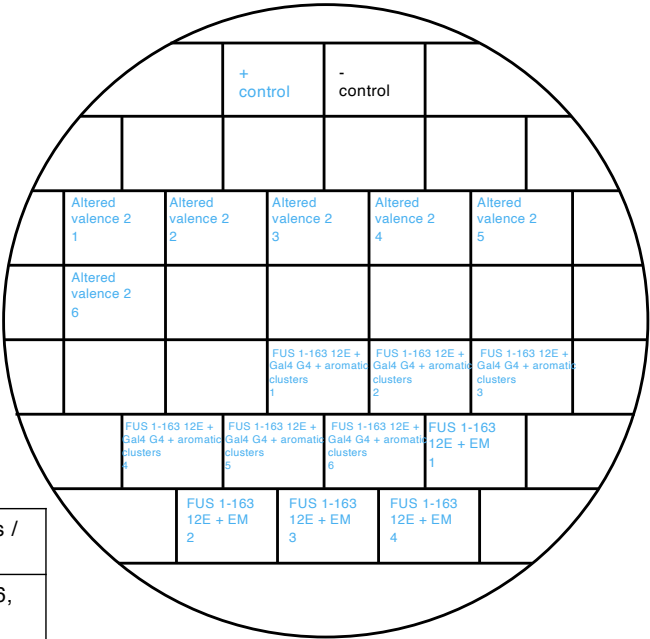
Restreak from YNB –ura –leu to 5-FOA –leu

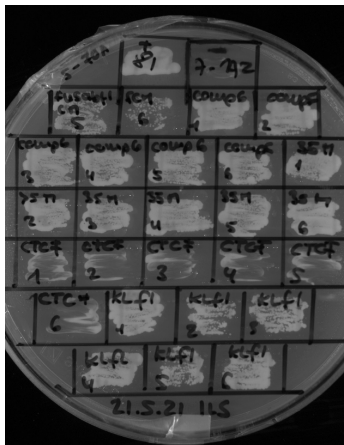
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
FUS 1-163 12E + distributed EM	inviable	6 out of 6
Rap1_IDR1 1-120	inviable	6 out of 6
Sup35 + distributed EM	inviable	6 out of 6



Restreak from YNB –ura –leu to 5-FOA –leu

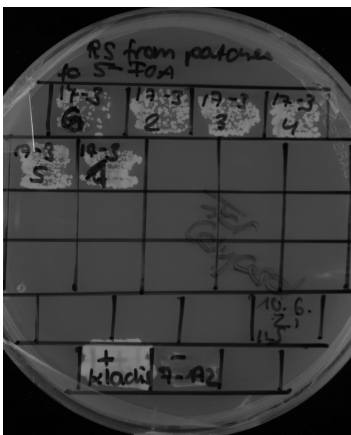
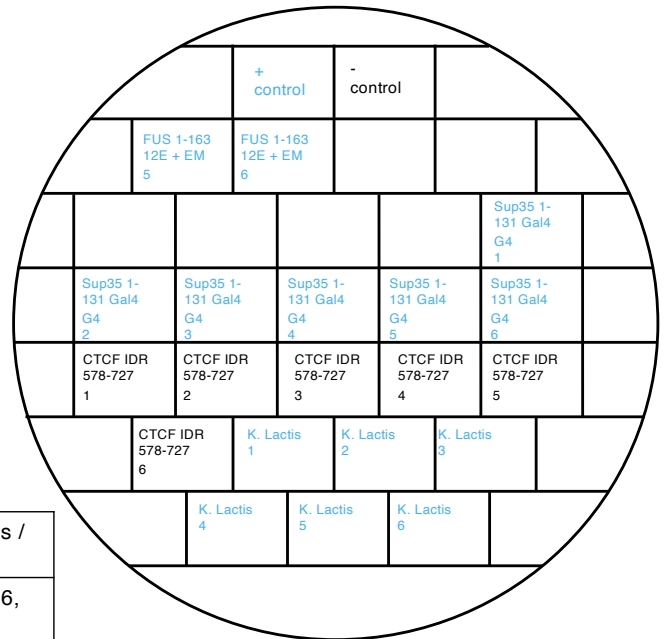
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
Altered valence 2	viable	6 out of 6 (in total 5 out of 6, see also slide 9)
FUS 1-163 12E + Gal4 G4 + aromatic clusters	viable	6 out of 6 (technical replicate see slide 18)
FUS 1-163 12E + EM	viable	4 out of 4 (in total 6 out of 6, see also slides 10, 11, 23)





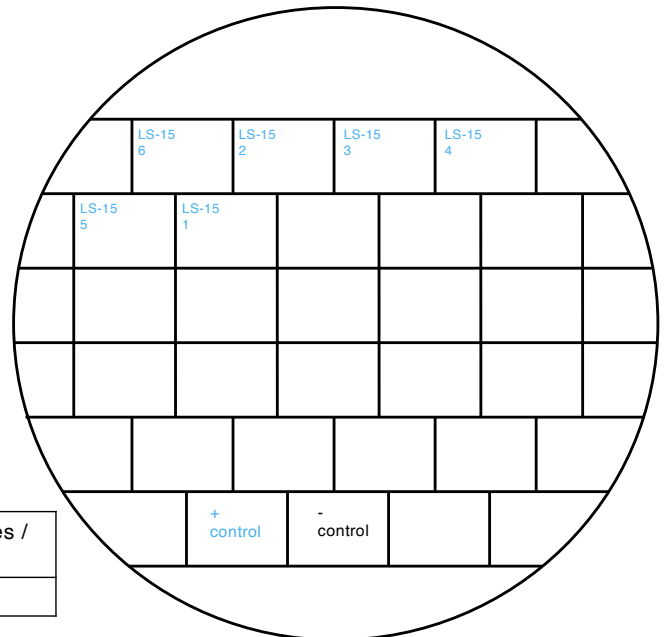
Restreak from YNB -ura -leu to 5-FOA -leu

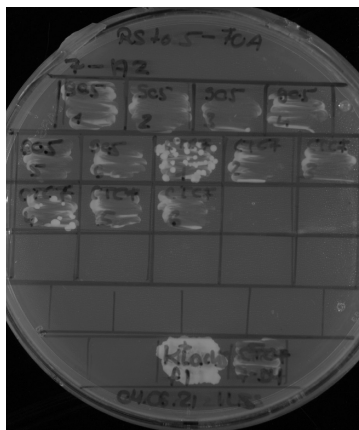
Construct	Result regarding viability on 5-FOA	Number of (in)viabile clones / total number of clones
FUS 1-163 12E + EM	viable	2 out of 2 (in total 6 out of 6, see also slides 10, 11, 22)
Sup35 1-131 + Gal4 G4 motif	viable	6 out of 6
CTCF IDR 578-727	inviable	6 out of 6 (technical repliate, see slide 24)
K. Lactis	viable	6 out of 6



Restreak from YNB -ura -leu to 5-FOA -leu

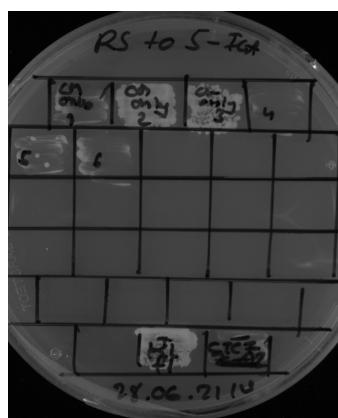
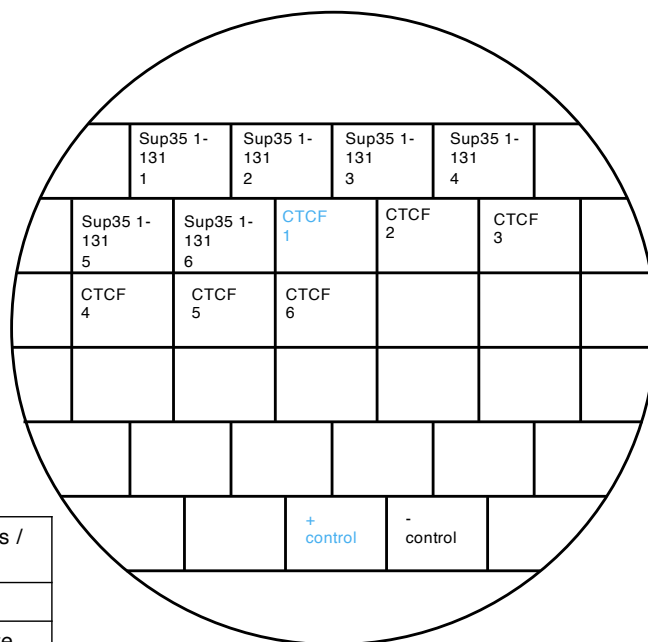
Construct	Result regarding viability on 5-FOA	Number of (in)viabile clones / total number of clones
LS-15	viable	6 out of 6





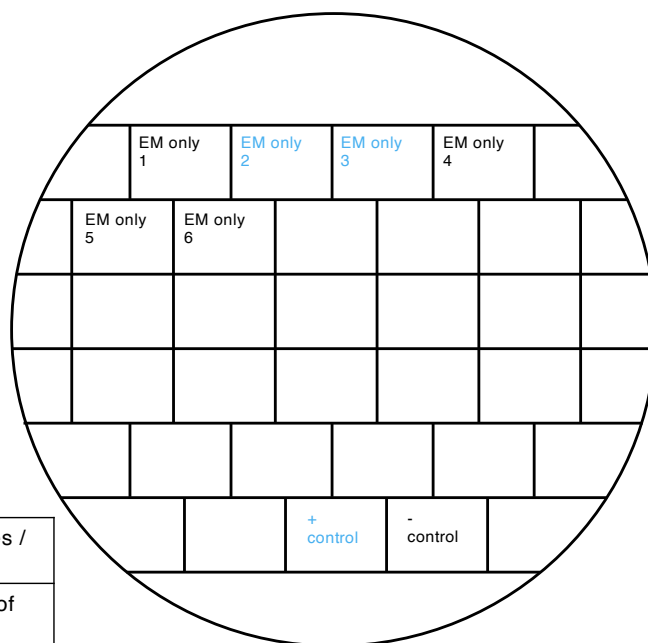
Restreak from YNB –ura –leu to 5-FOA –leu

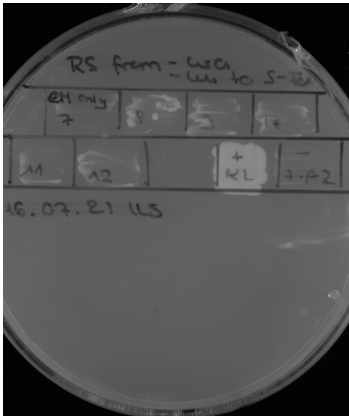
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
Sup35 1-131	inviabile	6 out of 6
CTCF IDR 578-727	inviabile	5 out of 6 (technical repliate, see slide 23)



Restreak from YNB –ura –leu to 5-FOA –leu

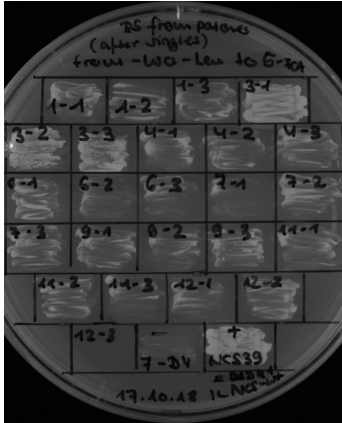
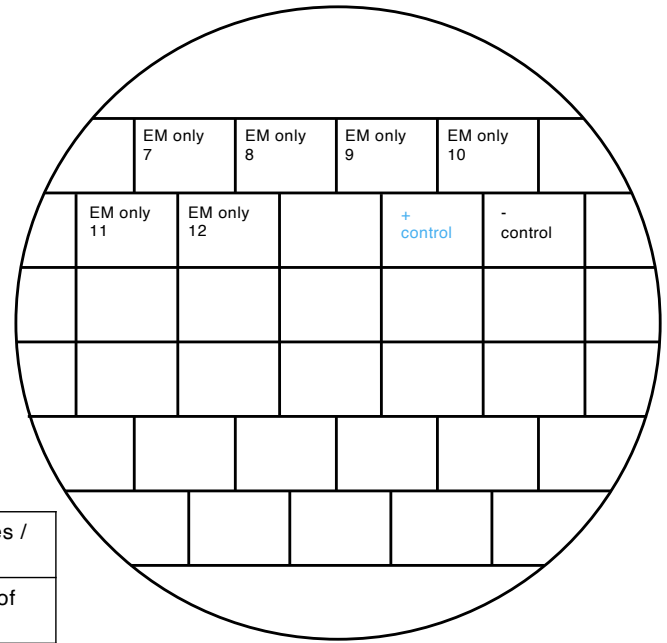
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
EM only	inviabile	4 out of 6 (in total: 10 out of 12, see also slide 25)





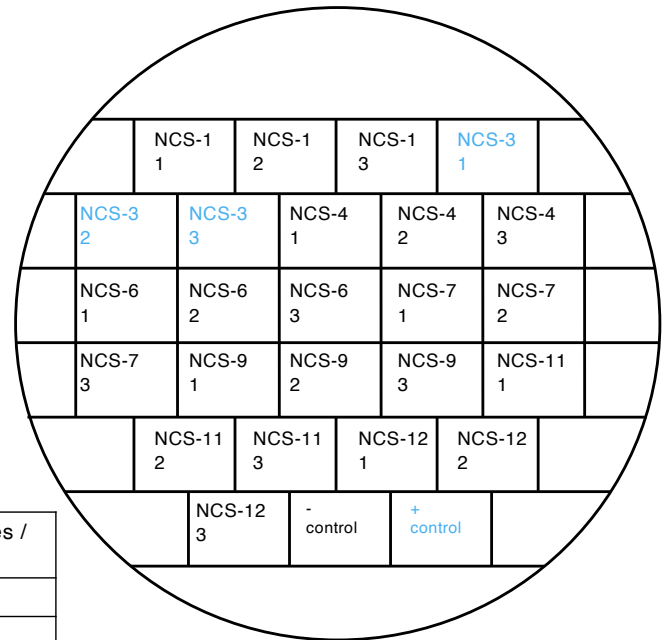
Restreak from YNB -ura -leu to 5-FOA -leu

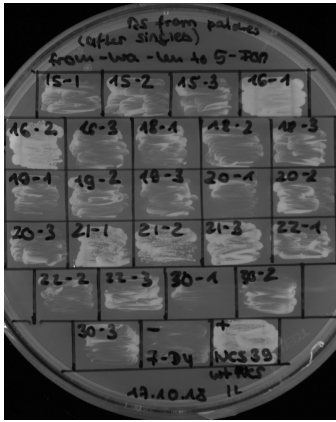
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
EM only	Invisible	6 out of 6 (in total: 10 out of 12, see also slide 24)



Restreak from YNB -ura -leu to 5-FOA -leu

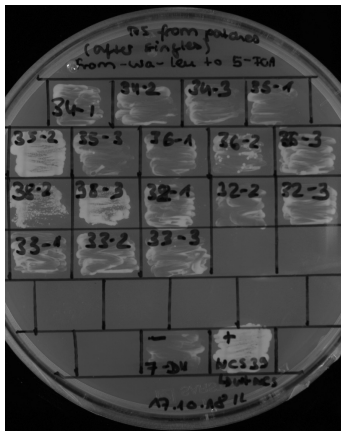
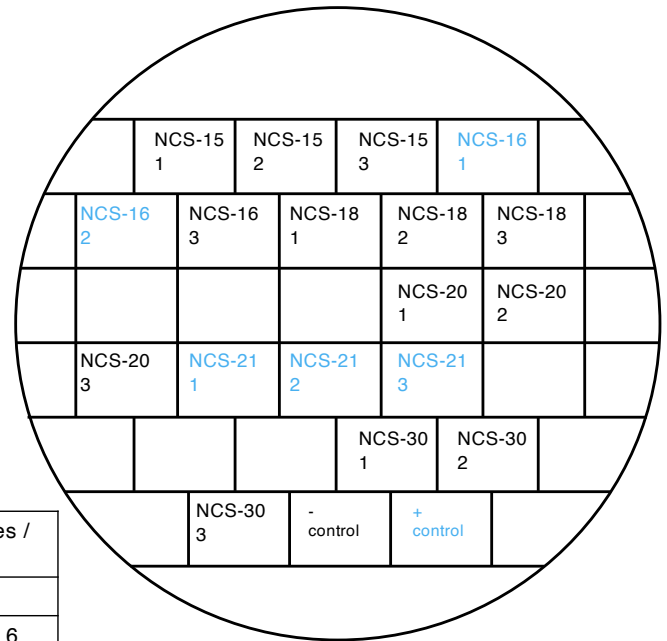
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
NCS-1	invisible	3 out of 3
NCS-3	viable	3 out of 3
NCS-4	invisible	3 out of 3
NCS-6	invisible	3 out of 3
NCS-7	invisible	3 out of 3
NCS-9	invisible	3 out of 3
NCS-11	invisible	3 out of 3
NCS-12	invisible	3 out of 3





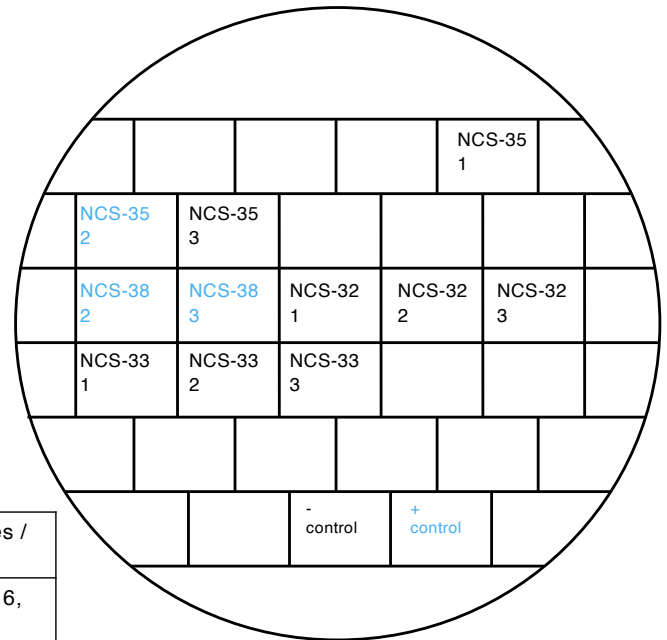
Restreak from YNB -ura -leu to 5-FOA -leu

Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
NCS-15	inviable	3 out of 3
NCS-16	inviable	1 out of 3 (in total 4 out of 6, see slide 27)
NCS-18	inviable	3 out of 3
NCS-20	inviable	3 out of 3
NCS-21	viable	3 out of 3
NCS-30	inviable	3 out of 3



Restreak from YNB -ura -leu to 5-FOA -leu

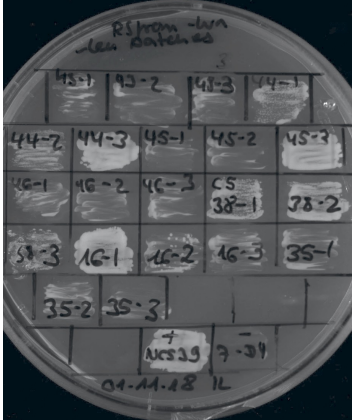
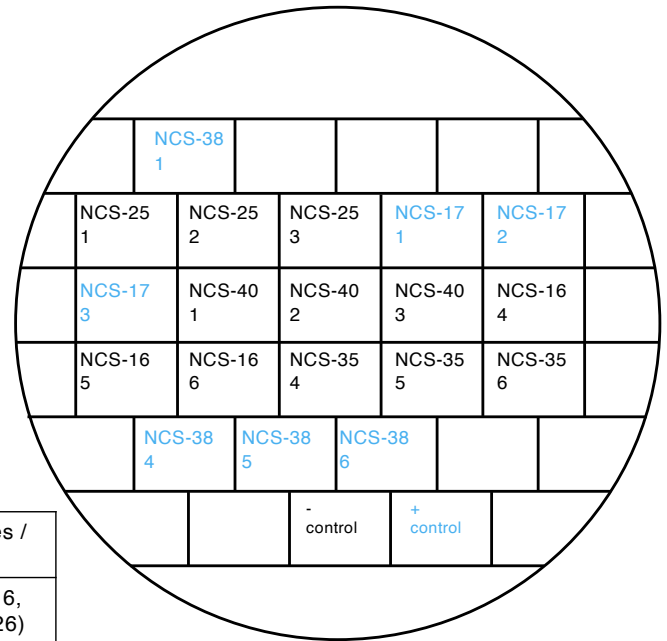
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
NCS-35	inviable	2 out of 3 (in total 5 out of 6, see also slide 26)
NCS-38	viable	2 out of 2 (in total 5 out of 6, see also slide 26)
NCS-32	inviable	3 out of 3
NCS-33	inviable	3 out of 3





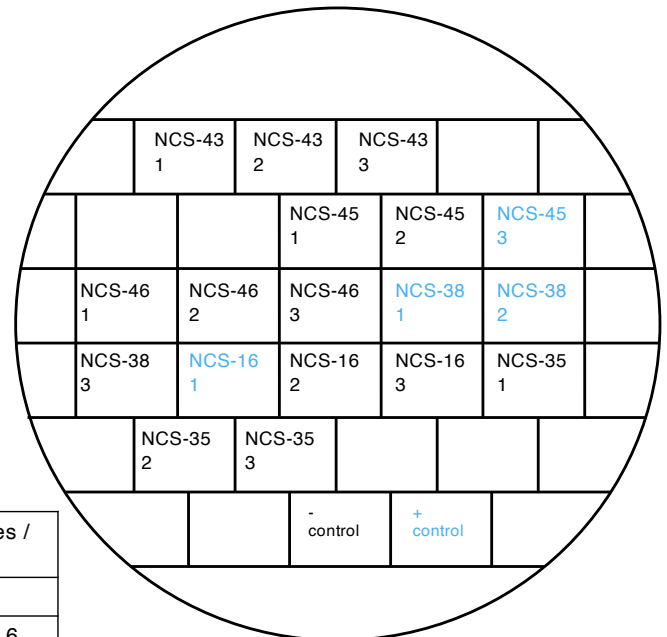
Restreak from YNB -ura -leu to 5-FOA -leu

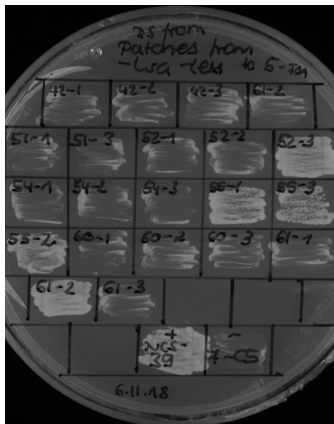
Construct	Result regarding viability on 5-FOA	Number of (in)viabile clones / total number of clones
NCS-38	viable	4 out of 4 (in total 5 out of 6, see also below and slide 26)
NCS-25	inviable	3 out of 3
NCS-17	viable	3 out of 3
NCS-40	inviable	3 out of 3
NCS-16	inviable	3 out of 3 (in total 4 out of 6, see below and slide 26)
NCS-35	inviable	3 out of 3 (in total 5 out of 6, see also below and slide 26)



Restreak from YNB -ura -leu to 5-FOA -leu

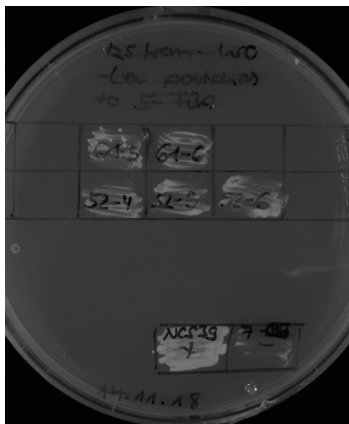
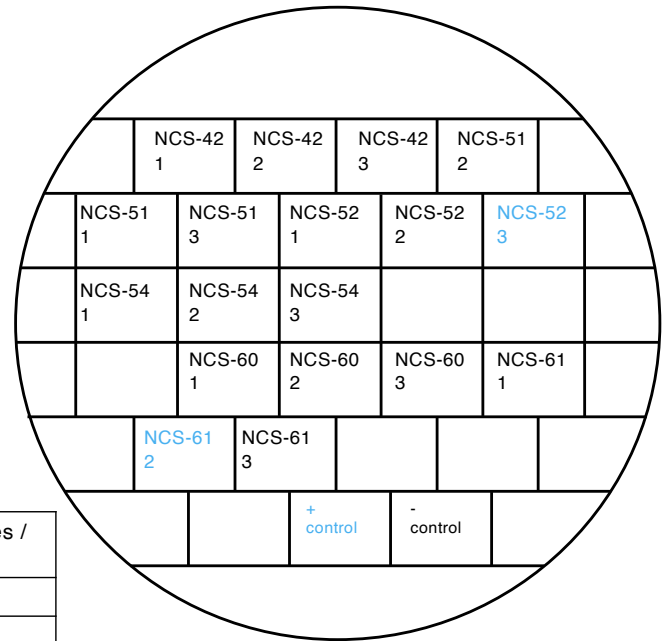
Construct	Result regarding viability on 5-FOA	Number of (in)viabile clones / total number of clones
NCS-43	inviable	3 out of 3
NCS-45	inviable	2 out of 3 (in total 5 out of 6, see also slide 29)
NCS-46	inviable	3 out of 3
NCS-38	viable	2 out of 3 (in total 5 out of 6, see also above and slide 26)
NCS-16	inviable	2 out of 3 (in total 4 out of 6, see above and slide 26)
NCS-35	inviable	3 out of 3 (in total 5 out of 6, see also above and slide 26)





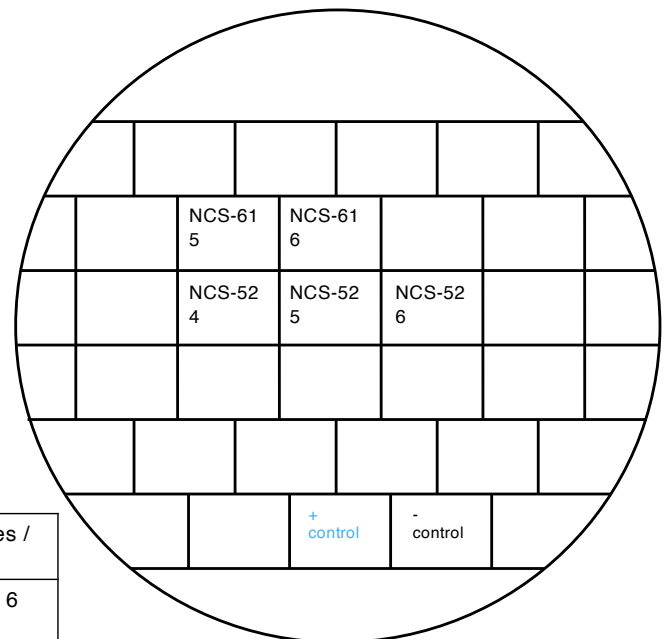
Restreak from YNB -ura -leu to 5-FOA -leu

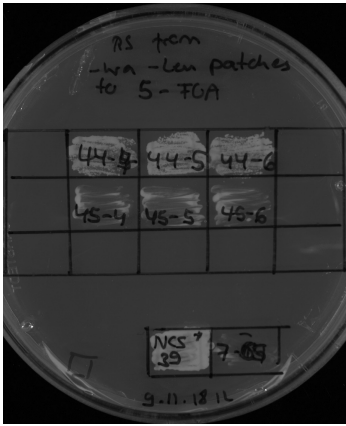
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
NCS-42	inviable	3 out of 3
NCS-51	inviable	3 out of 3
NCS-52	inviable	2 out of 3 (in total 5 out of 6 see also below)
NCS-54	inviable	3 out of 3
NCS-60	inviable	3 out of 3
NCS-61	inviable	2 out of 3 (in total 5 out of 6 see also below)



Restreak from YNB -ura -leu to 5-FOA -leu

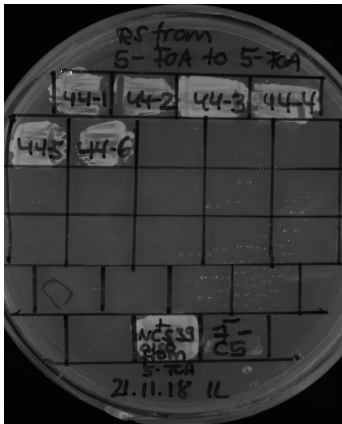
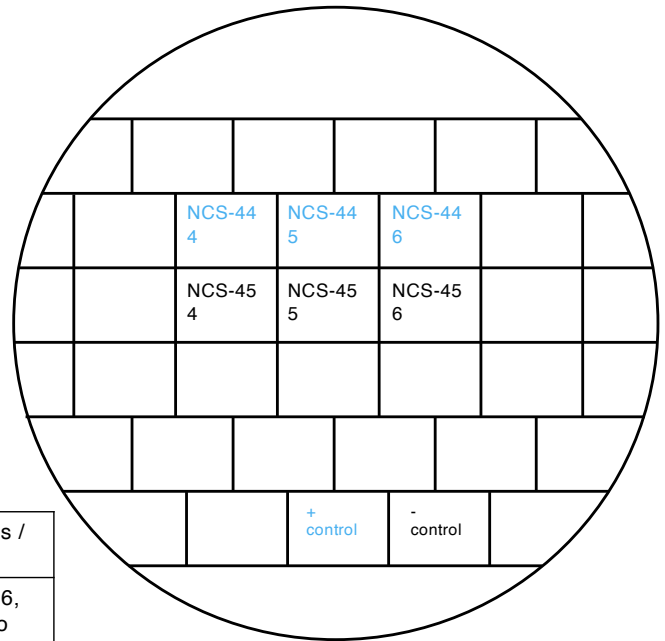
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
NCS-61	inviable	2 out of 2 (in total 5 out of 6 see also above)
NCS-52	inviable	3 out of 3 (in total 5 out of 6 see also above)





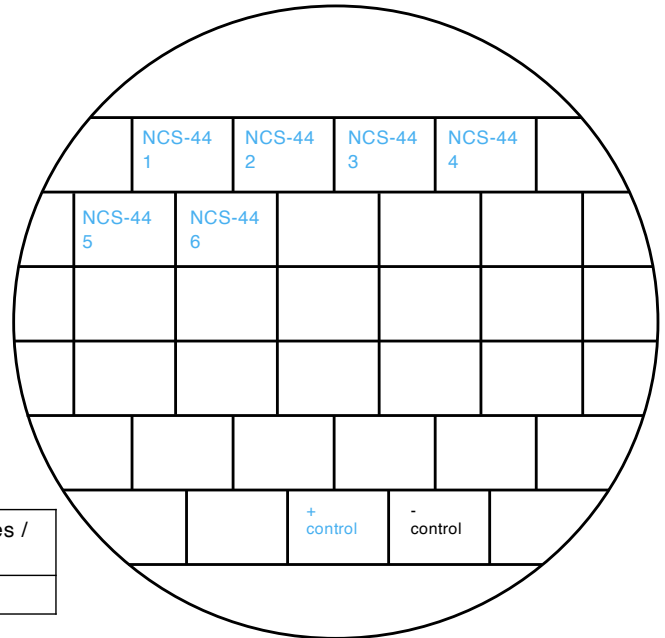
Restreak from YNB -ura -leu to 5-FOA -leu

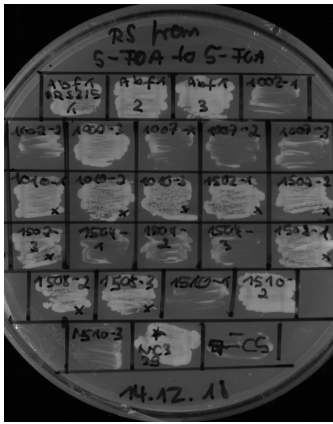
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
NCS-44	viable	3 out of 3 (in total 6 out of 6, technical replicate see also below)
NCS-45	inviable	3 out of 3 (in total 5 out of 6, see also slide 27)



Restreak from 5-FOA - leu to 5-FOA -leu

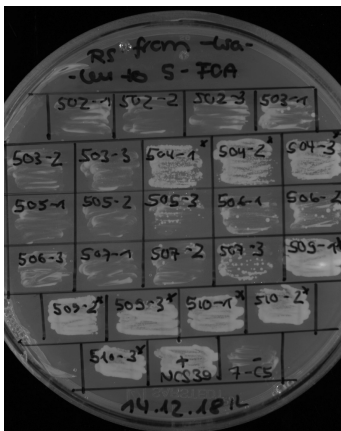
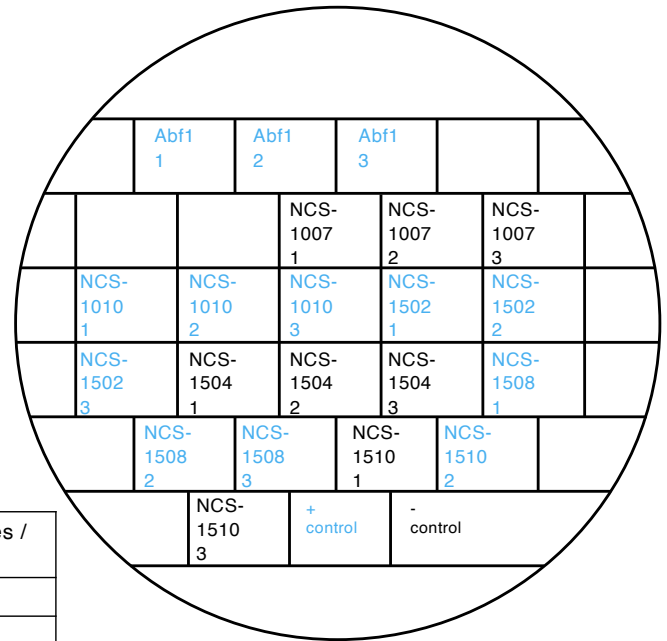
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
NCS-44	Viable	6 out of 6





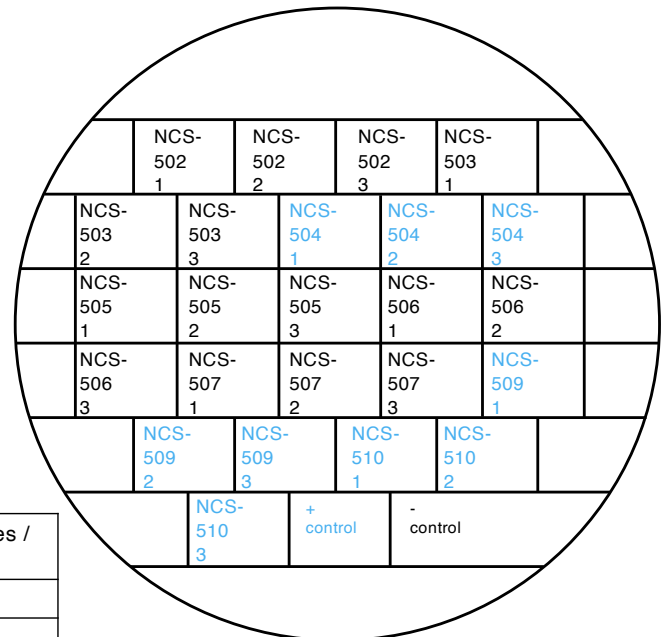
Restreak from YNB -ura -leu to 5-FOA -leu

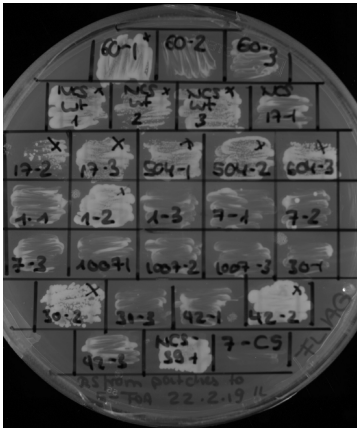
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
Abf1	viable	3 out of 3
NCS-1007	inviabile	3 out of 3
NCS-1010	viable	3 out of 3
NCS-1502	viable	3 out of 3
NCS-1504	inviabile	3 out of 3
NCS-1508	viable	3 out of 3
NCS-1510	inviabile (see also slides 31 and 32)	2 out of 3 (in total 12 out of 15)



Restreak from YNB -ura -leu to 5-FOA -leu

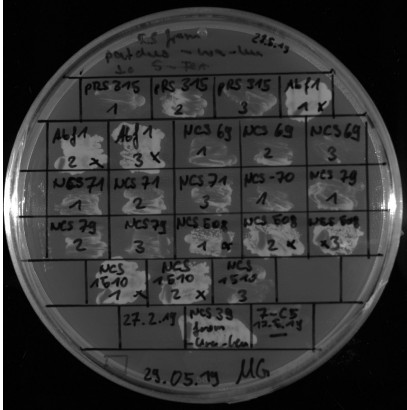
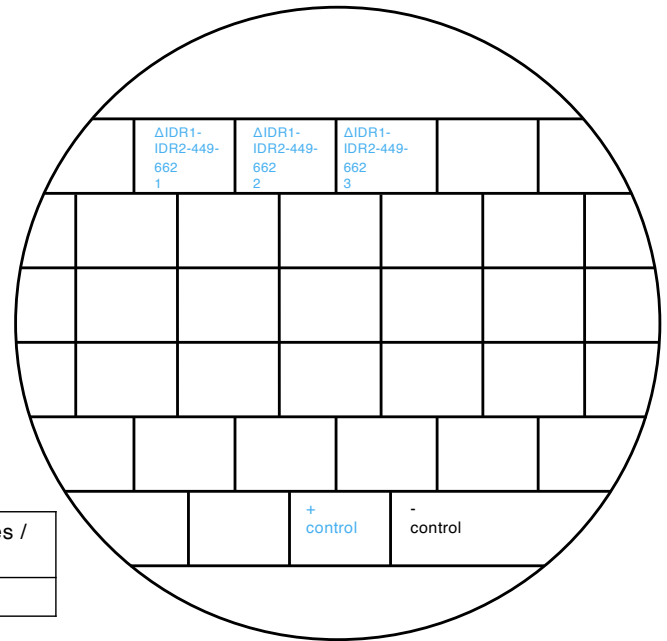
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
NCS-502	inviabile	3 out of 3
NCS-503	inviabile	3 out of 3
NCS-504	viable	3 out of 3
NCS-505	inviabile	3 out of 3
NCS-506	inviabile	3 out of 3
NCS-507	inviabile	3 out of 3
NCS-509	viable	3 out of 3
NCS-510	viable	3 out of 3





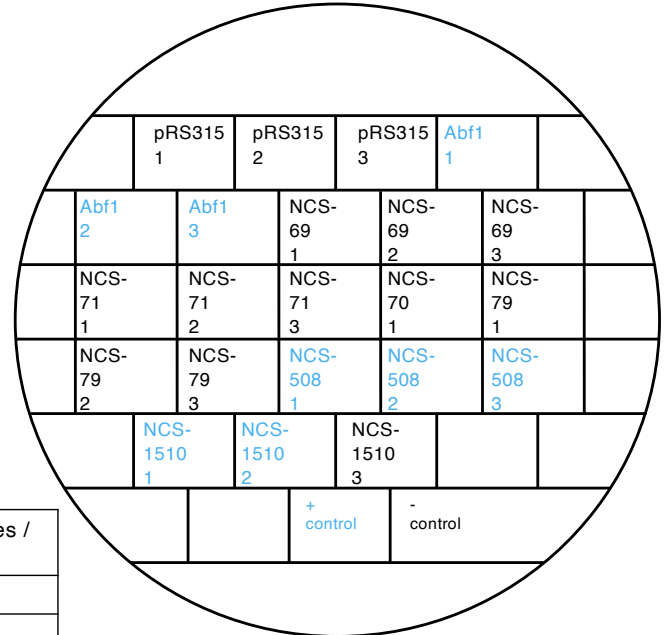
Restreak from YNB –ura –leu to 5-FOA –leu

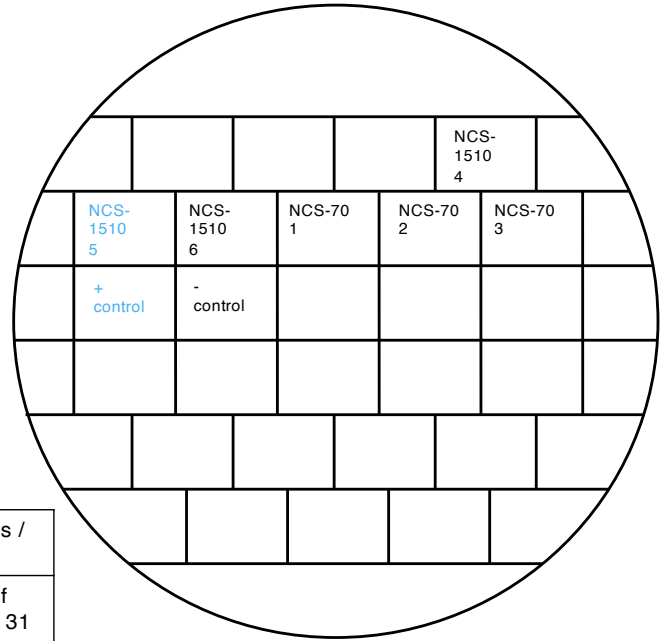
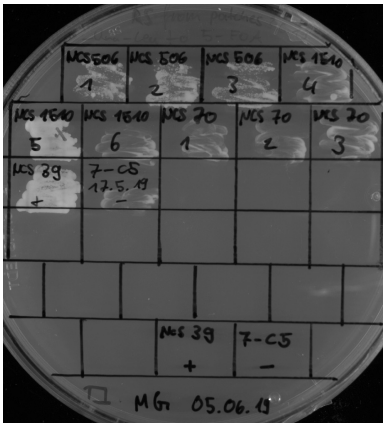
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
ΔIDR1-IDR2-449-662	viable	3 out of 3



Restreak from YNB –ura –leu to 5-FOA –leu

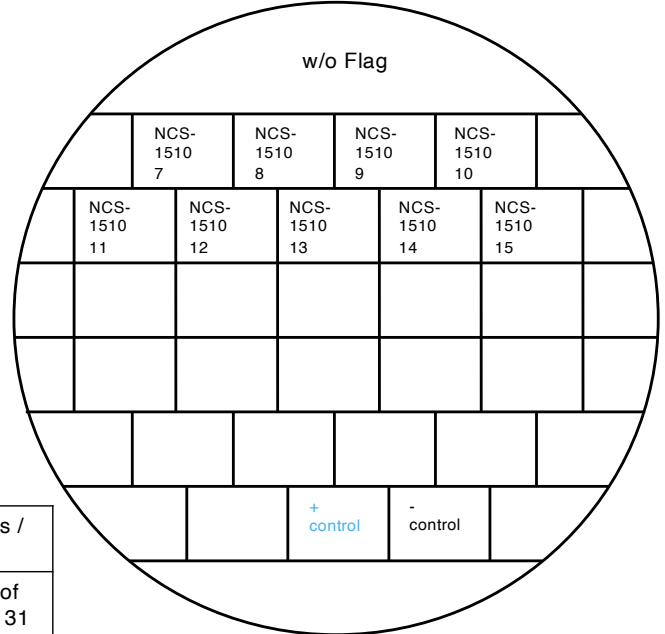
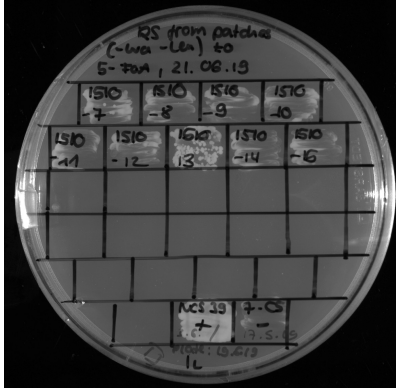
Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
pRS315	inviably	3 out of 3
Abf1-NLS-FLAG	viable	3 out of 3
NCS-69	inviably	3 out of 3
NCS-71	inviably	3 out of 3
NCS-70	inviably	1 out of 1 (in total 3 out of 3, see slide 32)
NCS-79	inviably	3 out of 3
NCS-508	viable	3 out of 3
NCS-1510	inviably (see also slides 30 and 32)	1 out of 3 (in total: 12 out of 15)





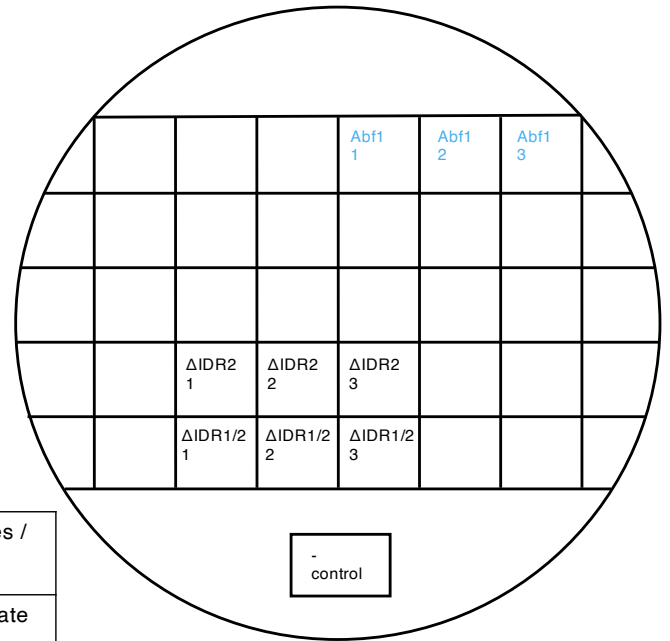
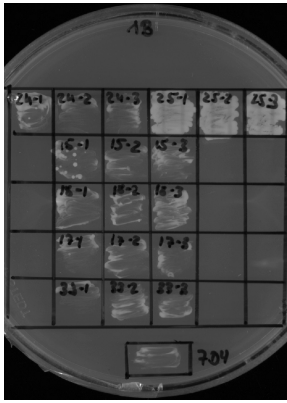
Restreak from YNB –ura –leu to 5-FOA –leu

Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
NCS-1510	inviable	2 out of 3 (in total 12 out of 15, see also slides 30 and 31 and below)
NCS-70	inviable	3 out of 3 (in total 3 out of 3, see slide 31)



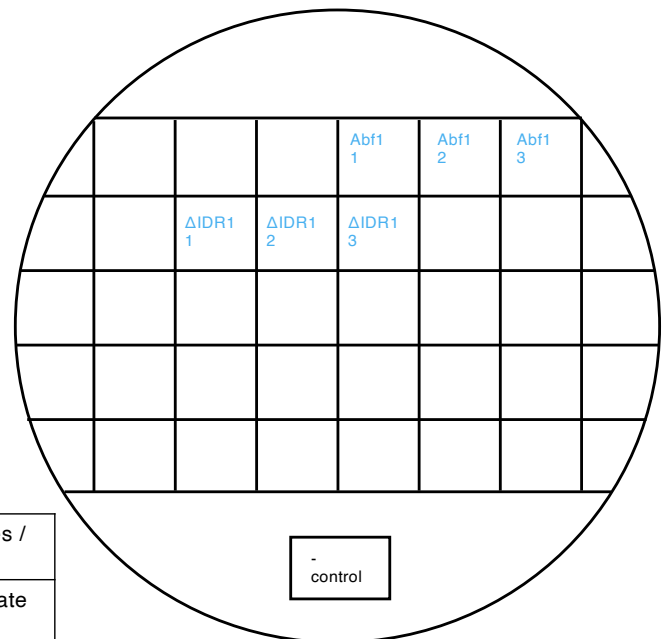
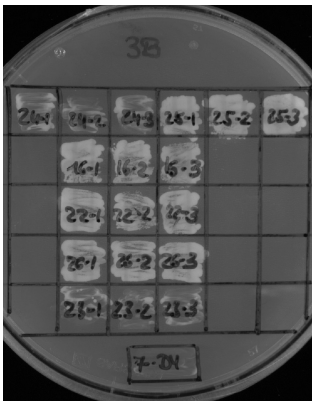
Restreak from YNB –ura –leu to 5-FOA –leu

Construct	Result regarding viability on 5-FOA	Number of (in)viable clones / total number of clones
NCS-1510	inviable	9 out of 9 (in total: 12 out of 15, see also slides 30 and 31 and above)



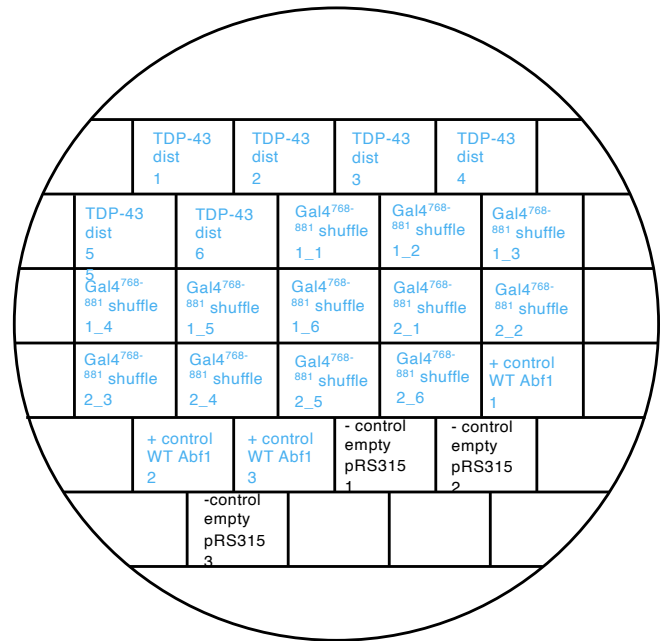
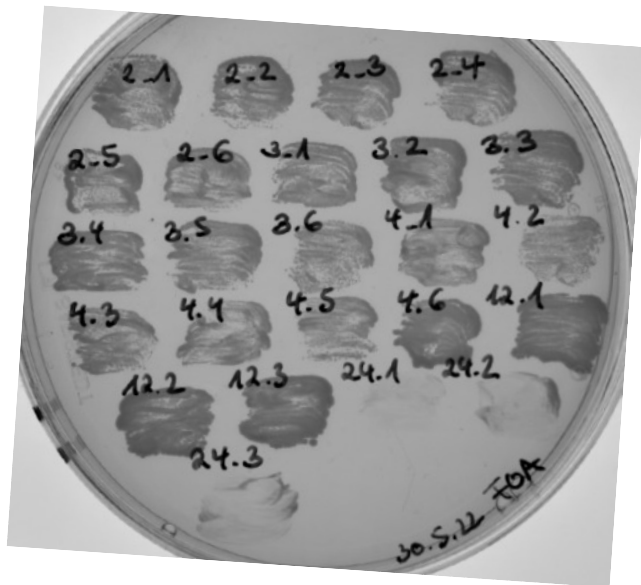
Restreak from YNB –ura –leu to 5-FOA –leu

Construct	Result regarding viability on 5-FOA	Number of (in)viabile clones / total number of clones
Abf1 (NLS)	viable	3 out of 3 (technical replicate see below)
ΔIDR2	inviable	3 out of 3
ΔIDR1/2	inviable	3 out of 3



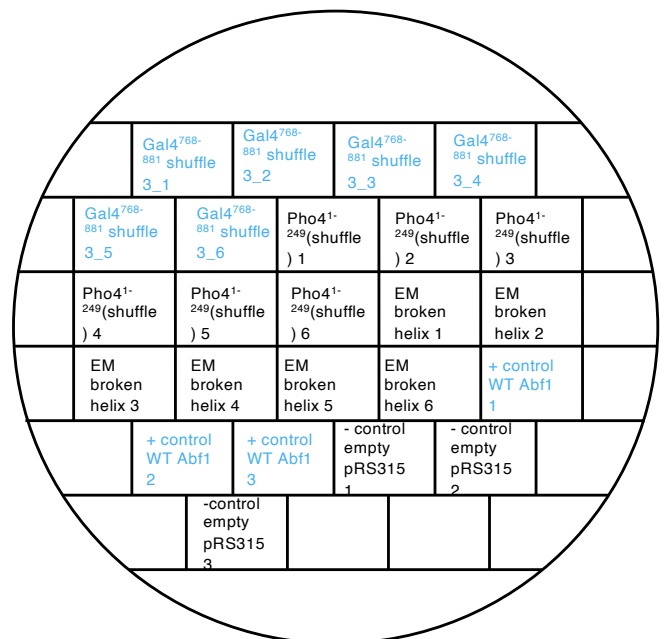
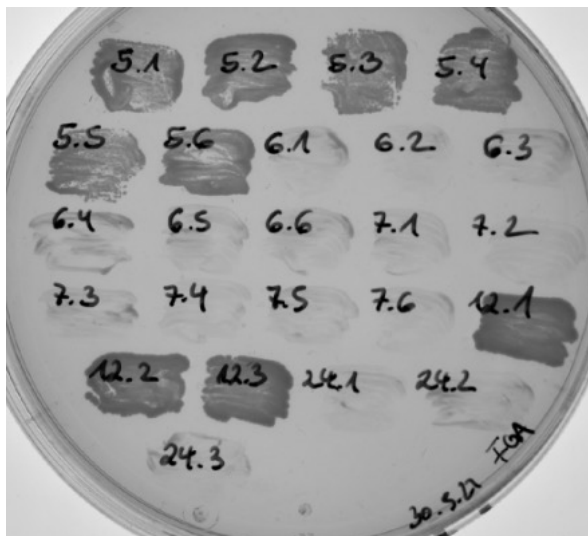
Restreak from YNB –ura –leu to 5-FOA –leu

Construct	Result regarding viability on 5-FOA	Number of (in)viabile clones / total number of clones
Abf1 (NLS)	viable	3 out of 3 (technical replicate see above)
ΔIDR1	viable	3 out of 3



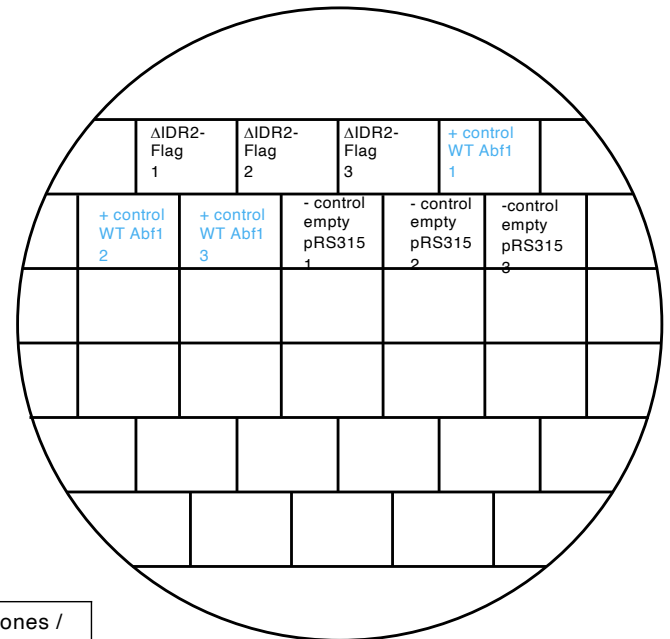
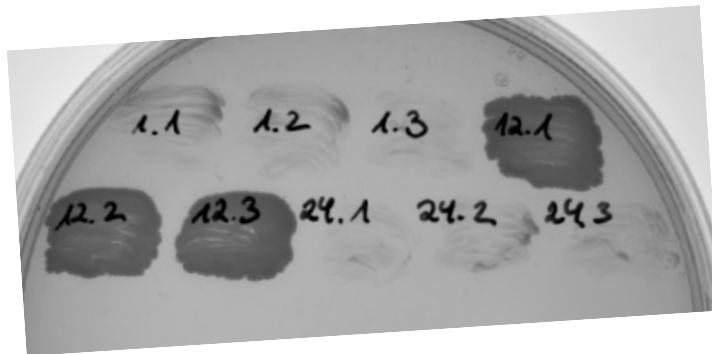
Restreak from YNB –ura –leu to 5-FOA –leu

Construct	Result regarding viability on 5-FOA	Number of (in) viable clones / total number of clones
TDP-43 dist	viable	6 out of 6
Gal4 ⁷⁶⁸⁻⁸⁸¹ shuffle 1	viable	6 out of 6
Gal4 ⁷⁶⁸⁻⁸⁸¹ shuffle 2	viable	6 out of 6



Restreak from YNB –ura –leu to 5-FOA –leu

Construct	Result regarding viability on 5-FOA	Number of (in) viable clones / total number of clones
Gal4 ⁷⁶⁸⁻⁸⁸¹ shuffle 3	viable	6 out of 6
Pho4 ¹⁻²⁴⁹ (shuffle)	in viable	6 out of 6
EM broken helix	in viable	6 out of 6



Restreak from YNB –ura –leu to 5-FOA –leu

Construct	Result regarding viability on 5-FOA	Number of (in)viabile clones / total number of clones
ΔIDR2-Flag	inviable	3 out of 3