

Figure S1

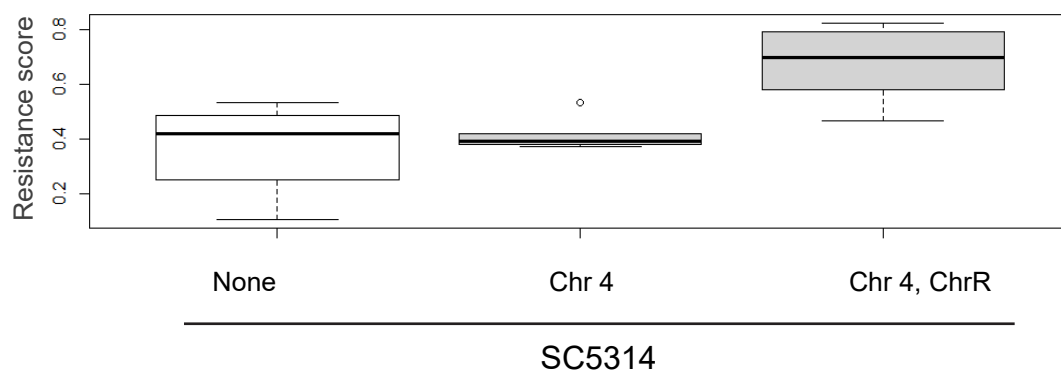


Figure S2

Table S1. Strains used in this study.

Strain(s)	Genotype	Strain Background
CAY682	WT (Trisomic Chr4, Chr6)	SC5314
CAY704/7401	WT	P60002
CAY6714/6715/6716	QDR1/qdr1::QDR1 _{P60002} -SAT1	SC5314
CAY6897/6898	CDR11/cdr11::CDR11 _{P60002} -SAT1	SC5314
CAY7402/7403/7405	Trisomic Chr4, Disomic Chr6	P60002
CAY7413/7414/7416	Disomic Chr4, Trisomic Chr6	P60002
CAY7417/7418/7419	Disomic Chr4, Disomic Chr6	P60002
CAY3102/3121	Trisomic Chr4	SC5314
CAY3105/3106	Trisomic ChrR, Trisomic Chr4	SC5314
CAY3108	Trisomic Chr4, Trisomic Chr7	SC5314

Table S2. Oligonucleotides used in this study.

Oligo	Name	Sequence
1	CDR11_Amplification_F	AACCGCGGCCCTCCTCTCC AACAAATT
2	CDR11_Amplification_R	AAGCGGCCGCCCCAACTTGCA TTCAGATTCCG
3	CDR11_Integrand	GTCAAACAATGGTGCTGCAG
4	SacII_5pr_QDR1_cloning	AACCGCGGGCCTGATTCTATA CGACGAC
5	NotI_3pr_QDR1_cloning	AAGCGGCCGCCCATTTCATCAA CGGGTCTAC
6	QDR1_Integrand	ACAGAGTGGTGCATCTGCT
7	CDR11_qRTPCR_577_F	ATTGCTGTCAACACGTATGG
8	CDR11_qRTPCR_817_R	CATCGGCCATACGTTTAGCA
9	QDR1_qRTPCR_352_F	TGTGCCGTGTGCATTGCTAT
10	QDR1_qRTPCR_520_R	AACCAGAACTGCACCAACC
11	Candida_ACT1_F_qRTPCR	TTGTA CTCTTCTGGTAGAAC
12	Candida_ACT1_R_qRTPCR	GTTTGGTCAATACCAGCAGC

Table S3. Polymorphisms in the CDR11 CDS.

Position	SC5314 allele	P60002 allele	Allele Frequency
Chr3: 849070	G	A	1.0
Chr3:849180	G	A	1.0
Chr3:849480	C	T	0.5
Chr3:849492	A	G	0.5
Chr3:849582	C	T	0.5
Chr3:849603	T	C	0.5
Chr3:849660	A	G	0.5
Chr3:849666	G	A	1.0
Chr3:849669	A	G	1.0
Chr3:849702	G	A	0.5
Chr3:849720	G	A	0.5
Chr3:849768	C	T	0.5
Chr3:849840	C	T	1.0
Chr3:849852	T	C	1.0
Chr3:849919	C	T	1.0
Chr3:850035	G	A	1.0
Chr3:850184	T	C	1.0
Chr3:850302	C	T	1.0
Chr3:850323	A	G	1.0
Chr3:850341	G	A	1.0
Chr3:850347	A	G	1.0
Chr3:850353	A	G	1.0
Chr3:850398	G	A	1.0
Chr3:850539	G	A	1.0
Chr3:850551	C	G	1.0
Chr3:850623	G	A	1.0
Chr3:850722	C	T	0.5
Chr3:850810	C	T	1.0
Chr3:850841	T	C	1.0
Chr3:850926	C	T	0.5
Chr3:850971	C	T	0.5
Chr3:850980	A	G	0.5
Chr3:851072	C	G	1.0
Chr3:851166	T	C	1.0
Chr3:851235	A	G	1.0
Chr3:851352	G	A	0.5
Chr3:851447	A	G	0.5
Chr3:851739	C	T	1.0
Chr3:852186	A	T	1.0
Chr3:852348	C	T	1.0
Chr3:852375	G	A	1.0
Chr3:852486	T	A	0.5
Chr3:852508	C	T	1.0
Chr3:852706	C	G	0.5
Chr3:852790	G	A	1.0
Chr3:853167	G	A	1.0
Chr3:853221	G	T	0.5
Chr3:853236	G	A	1.0

Table S4. Polymorphisms in *QDR1* CDS.

Position	SC5314 allele	P60002 allele	Allele Frequency
ChrR941236	A	G	1.0
ChrR941290	T	C	1.0
ChrR941386	A	G	1.0
ChrR941974	C	T	1.0
ChrR942002	C	A	1.0
ChrR942576	G	A	1.0
ChrR942616	C	T	1.0
ChrR942649	G	T	1.0

Table S5. Polymorphisms in the *CDR11* promoter.

Position	SC5314 allele	P60002 allele
Chr3: 853725	C	A
Chr3: 853713	G	T
Chr3: 853692	A	G
Chr3: 853686	G	A

Table S6. Polymorphisms in the *QDR1* promoter.

Position	SC5314 allele	P60002 allele
ChrR: 943319	A	G
ChrR: 943131	G	A
ChrR: 942999	G	A
ChrR: 942928	G	A
ChrR: 942901	A	G
ChrR: 942791	G	A
ChrR: 942754	T	G

1 **SUPPLEMENTARY FIGURE LEGENDS**

2 **Figure S1. Zone of clearance is unaltered in SC5314 encoding *CDR11*_{P60002} or**
3 ***QDR1*_{P60002} alleles.** The zone of inhibition restricting 20% of growth was measured for
4 each strain with 4-6 independent replicates.

5 **Figure S2. An aneuploid derivative of SC5314 exhibits increased fluconazole**
6 **resistance. A.** Analysis of fluconazole resistance in SC5314, two SC5314-derived
7 isolates trisomic for Chr4, and an SC5314-derived strain trisomic for ChrR and Chr4.
8 Drug resistance for these isolates was collected from experiments with five to six
9 independent replicates.

10 **Table S1. Strains used in this study.**

11 **Table S2. Oligonucleotides used in this study.**

12 **Table S3. Polymorphisms in the *CDR11* CDS.**

13 **Table S4. Polymorphisms in the *QDR1* CDS.**

14 **Table S5. Polymorphisms in the *CDR11* promoter.**

15 **Table S6. Polymorphisms in the *QDR1* promoter.**