

Plasmid Name	pGIL001
Bacterial Host	DH5 α
Previous Name	
Bacterial Markers	Amp
Yeast Markers	URA3
Base Plasmid	pFA6a
Integrating Instructions	
Lab of Origin	Greg Lang
Date Entered	7/18/2008
Notebook Reference	Mutation Rate 3, p. 7 - 29.
Comments	Used for replacing KanMX4 with URA3

Plasmid Name	<input type="text" value="pGIL021"/>
Bacterial Host	<input type="text" value="DH5<math>\alpha</math>"/>
Previous Name	<input type="text"/>
Bacterial Markers	<input type="text" value="Amp"/>
Yeast Markers	<input type="text" value="GFP NatMX"/>
Base Plasmid	<input type="text" value="pFA6a"/>
Integrating Instructions	<input type="text"/>
Lab of Origin	<input type="text" value="Maitreya Dunham"/>
Date Entered	<input type="text" value="7/18/2008"/>
Notebook Reference	<input type="text"/>
Comments	<input type="text"/>

Plasmid Name	<input type="text" value="pGIL022"/>
Bacterial Host	<input type="text" value="DH5<math>\alpha</math>"/>
Previous Name	<input type="text"/>
Bacterial Markers	<input type="text" value="Amp"/>
Yeast Markers	<input type="text" value="dTomato NatMX"/>
Base Plasmid	<input type="text" value="pFA6a"/>
Integrating Instructions	<input type="text"/>
Lab of Origin	<input type="text" value="Maitreya Dunham"/>
Date Entered	<input type="text" value="7/18/2008"/>
Notebook Reference	<input type="text"/>
Comments	<input type="text"/>

Plasmid Name	<input type="text" value="pGIL023"/>
Bacterial Host	<input type="text" value="DH5<math>\alpha</math>"/>
Previous Name	<input type="text"/>
Bacterial Markers	<input type="text" value="Amp"/>
Yeast Markers	<input type="text" value="GFP KanMX"/>
Base Plasmid	<input type="text" value="pFA6a"/>
Integrating Instructions	<input type="text"/>
Lab of Origin	<input type="text" value="Maitreya Dunham"/>
Date Entered	<input type="text" value="7/18/2008"/>
Notebook Reference	<input type="text"/>
Comments	<input type="text"/>

Plasmid Name	<input type="text" value="pGIL024"/>
Bacterial Host	<input type="text" value="DH5<math>\alpha</math>"/>
Previous Name	<input type="text"/>
Bacterial Markers	<input type="text" value="Amp"/>
Yeast Markers	<input type="text" value="dTomato KanMX"/>
Base Plasmid	<input type="text" value="pFA6a"/>
Integrating Instructions	<input type="text"/>
Lab of Origin	<input type="text" value="Maitreya Dunham"/>
Date Entered	<input type="text" value="7/18/2008"/>
Notebook Reference	<input type="text"/>
Comments	<input type="text"/>

Plasmid Name	pGIL025
Bacterial Host	DH5 α
Previous Name	
Bacterial Markers	Amp
Yeast Markers	C-terminus of GPA1(RM-allele) NatMX
Base Plasmid	pFA6a
Integrating Instructions	
Lab of Origin	Greg Lang
Date Entered	7/18/2008
Notebook Reference	Evolution 1, p. 137
Comments	Used for GPA1 allele swap.

Plasmid Name	pGIL026
Bacterial Host	DH5 α
Previous Name	
Bacterial Markers	Amp
Yeast Markers	C-terminus of GPA1(RM-allele w/ mutation)
Base Plasmid	pFA6a
Integrating Instructions	
Lab of Origin	Greg Lang
Date Entered	7/18/2008
Notebook Reference	Evolution 1, p. 137
Comments	Contains additional C-terminal mutation.

Plasmid Name	<input type="text" value="pGIL027"/>
Bacterial Host	<input type="text" value="DH5<math>\alpha</math>"/>
Previous Name	<input type="text" value="pAG25"/>
Bacterial Markers	<input type="text" value="Amp"/>
Yeast Markers	<input type="text" value="NatMX"/>
Base Plasmid	<input type="text" value="pAG25"/>
Integrating Instructions	<input type="text"/>
Lab of Origin	<input type="text" value="Max Staller"/>
Date Entered	<input type="text" value="7/18/2008"/>
Notebook Reference	<input type="text"/>
Comments	<input type="text" value="Base vector with ClonNat resistance marker"/>

Plasmid Name	<input type="text" value="pGIL028"/>
Bacterial Host	<input type="text" value="DH5<math>\alpha</math>"/>
Previous Name	<input type="text" value="pAC77"/>
Bacterial Markers	<input type="text" value="Amp"/>
Yeast Markers	<input type="text" value="mCherry KanMX"/>
Base Plasmid	<input type="text" value="pRB2865 (pFA6a-mCherry-kanMX6)"/>
Integrating Instructions	<input type="text"/>
Lab of Origin	<input type="text" value="Max Staller"/>
Date Entered	<input type="text" value="7/18/2008"/>
Notebook Reference	<input type="text"/>
Comments	<input type="text"/>

Plasmid Name	<input type="text" value="pGIL029"/>
Bacterial Host	<input type="text" value="DH5<math>\alpha</math>"/>
Previous Name	<input type="text" value="pAC80"/>
Bacterial Markers	<input type="text" value="Amp"/>
Yeast Markers	<input type="text" value="mCherry NatMX"/>
Base Plasmid	<input type="text" value="pRB2865 (pFA6a-mCherry-natMX6)"/>
Integrating Instructions	<input type="text"/>
Lab of Origin	<input type="text" value="Max Staller"/>
Date Entered	<input type="text" value="7/18/2008"/>
Notebook Reference	<input type="text"/>
Comments	<input type="text"/>

Plasmid Name	<input type="text" value="pGIL030"/>
Bacterial Host	<input type="text" value="DH5<math>\alpha</math>"/>
Previous Name	<input type="text" value="pRB2865"/>
Bacterial Markers	<input type="text" value="Amp"/>
Yeast Markers	<input type="text" value="GFP KanMX"/>
Base Plasmid	<input type="text" value="pRB2865 (pFA6a-GFP(S65T)-kanMX6)"/>
Integrating Instructions	<input type="text"/>
Lab of Origin	<input type="text" value="Max Staller"/>
Date Entered	<input type="text" value="7/18/2008"/>
Notebook Reference	<input type="text"/>
Comments	<input type="text"/>

Plasmid Name	pGIL031
Bacterial Host	DH5 α
Previous Name	pMSPC1 pMS1
Bacterial Markers	Amp
Yeast Markers	GFP NatMX
Base Plasmid	pRB2865 (pFA6a-GFP(S65T)-natMX6)
Integrating Instructions	
Lab of Origin	Max Staller
Date Entered	7/18/2008
Notebook Reference	
Comments	

Plasmid Name	<input type="text" value="pGIL032"/>
Bacterial Host	<input type="text" value="DH5<math>\alpha</math>"/>
Previous Name	<input type="text" value="pMS2"/>
Bacterial Markers	<input type="text" value="Amp"/>
Yeast Markers	<input type="text" value="Pgal1-GFP NatMX LEU2"/>
Base Plasmid	<input type="text" value="pAG25"/>
Integrating Instructions	<input type="text"/>
Lab of Origin	<input type="text" value="Max Staller"/>
Date Entered	<input type="text" value="7/18/2008"/>
Notebook Reference	<input type="text"/>
Comments	<input type="text"/>

Plasmid Name	<input type="text" value="pGIL033"/>
Bacterial Host	<input type="text" value="DH5<math>\alpha</math>"/>
Previous Name	<input type="text" value="pNTI1, pLAS1"/>
Bacterial Markers	<input type="text" value="amp"/>
Yeast Markers	<input type="text" value="HIS3"/>
Base Plasmid	<input type="text" value="pRS413"/>
Integrating Instructions	<input type="text"/>
Lab of Origin	<input type="text" value="Murray Lab (Nick Ingolia)"/>
Date Entered	<input type="text" value="1/22/2009"/>
Notebook Reference	<input type="text"/>
Comments	<input type="text" value="PFUS1-yEVenus-TADH1"/>

Plasmid Name	<input type="text" value="pGIL034"/>
Bacterial Host	<input type="text" value="DH5<math>\alpha</math>"/>
Previous Name	<input type="text" value="pNTI134"/>
Bacterial Markers	<input type="text" value="amp"/>
Yeast Markers	<input type="text" value="LEU2"/>
Base Plasmid	<input type="text" value="pRS405"/>
Integrating Instructions	<input type="text"/>
Lab of Origin	<input type="text" value="Murray Lab (Nick Ingolia)"/>
Date Entered	<input type="text" value="1/22/2009"/>
Notebook Reference	<input type="text"/>
Comments	<input type="text" value="P621J5-(PacI)-yEVENUS-(AscI)-TADH1
Modified FUS1 promoter"/>

Plasmid Name	<input type="text" value="pGIL035"/>
Bacterial Host	<input type="text" value="DH5<math>\alpha</math>"/>
Previous Name	<input type="text" value="pNTI34"/>
Bacterial Markers	<input type="text" value="amp"/>
Yeast Markers	<input type="text" value="HIS3"/>
Base Plasmid	<input type="text" value="pRS403"/>
Integrating Instructions	<input type="text"/>
Lab of Origin	<input type="text" value="Murray Lab (Nick Ingolia)"/>
Date Entered	<input type="text" value="1/22/2009"/>
Notebook Reference	<input type="text"/>
Comments	<input type="text" value="PFUS1-yEVenus-CLN2PEST-TADH1"/>

Plasmid Name	<input type="text" value="pGIL036"/>
Bacterial Host	<input type="text" value="DH5<math>\alpha</math>"/>
Previous Name	<input type="text" value="pNTI37"/>
Bacterial Markers	<input type="text" value="amp"/>
Yeast Markers	<input type="text" value="HIS3"/>
Base Plasmid	<input type="text" value="pRS403"/>
Integrating Instructions	<input type="text"/>
Lab of Origin	<input type="text" value="Murray Lab (Nick Ingolia)"/>
Date Entered	<input type="text" value="1/22/2009"/>
Notebook Reference	<input type="text"/>
Comments	<input type="text" value="PFUS1-yEVenus-TADH1"/>

Plasmid Name	pGIL037
Bacterial Host	
Previous Name	YGPM11114
Bacterial Markers	Kan
Yeast Markers	LEU2
Base Plasmid	pGP564
Integrating Instructions	
Lab of Origin	Prelich, Open Biosystems, from Amy Caudy
Date Entered	3/3/2009
Notebook Reference	
Comments	plasmid from the Yeast Genomic Tiling Collection which contains the GAL1,10,7 region.

Plasmid Name	<input type="text" value="pGIL038"/>
Bacterial Host	<input type="text" value="DH5<math>\alpha</math>"/>
Previous Name	<input type="text" value="pJHK042"/>
Bacterial Markers	<input type="text" value="Amp"/>
Yeast Markers	<input type="text" value="pACT1-yCerulean::HISMX6"/>
Base Plasmid	<input type="text" value="pFA6a"/>
Integrating Instructions	<input type="text"/>
Lab of Origin	<input type="text" value="John Koschwanez"/>
Date Entered	<input type="text" value="6/26/2009"/>
Notebook Reference	<input type="text"/>
Comments	<input type="text"/>

Plasmid Name	<input type="text" value="pGIL039"/>
Bacterial Host	<input type="text" value="DH5<math>\alpha</math>"/>
Previous Name	<input type="text" value="pJHK043"/>
Bacterial Markers	<input type="text" value="Amp"/>
Yeast Markers	<input type="text" value="pACT1-ymCitrineM233I::HISMX6"/>
Base Plasmid	<input type="text" value="pFA6a"/>
Integrating Instructions	<input type="text"/>
Lab of Origin	<input type="text" value="John Koschwanez"/>
Date Entered	<input type="text" value="6/26/2009"/>
Notebook Reference	<input type="text"/>
Comments	<input type="text"/>

Plasmid Name	<input type="text" value="pGIL040"/>
Bacterial Host	<input type="text" value="DH5<math>\alpha</math>"/>
Previous Name	<input type="text" value="pJHK044"/>
Bacterial Markers	<input type="text" value="Amp"/>
Yeast Markers	<input type="text" value="pACT1-ymCherry::HISMx6"/>
Base Plasmid	<input type="text" value="pFA6a"/>
Integrating Instructions	<input type="text"/>
Lab of Origin	<input type="text" value="John Koschwanez"/>
Date Entered	<input type="text" value="6/26/2009"/>
Notebook Reference	<input type="text"/>
Comments	<input type="text"/>

Plasmid Name	<input type="text" value="pGIL041"/>
Bacterial Host	<input type="text" value="DH5<math>\alpha</math>"/>
Previous Name	<input type="text" value="pJHK057"/>
Bacterial Markers	<input type="text" value="Amp"/>
Yeast Markers	<input type="text" value="pACT1-ymCitrineM233I::KanMX6"/>
Base Plasmid	<input type="text" value="pFA6a"/>
Integrating Instructions	<input type="text"/>
Lab of Origin	<input type="text" value="John Koschwanez"/>
Date Entered	<input type="text" value="6/26/2009"/>
Notebook Reference	<input type="text"/>
Comments	<input type="text"/>

Plasmid Name	<input type="text" value="pGIL042"/>
Bacterial Host	<input type="text" value="DH5<math>\alpha</math>"/>
Previous Name	<input type="text"/>
Bacterial Markers	<input type="text" value="Amp"/>
Yeast Markers	<input type="text" value="URA3"/>
Base Plasmid	<input type="text" value="YCpLac33"/>
Integrating Instructions	<input type="text"/>
Lab of Origin	<input type="text" value="T.L. Newsome"/>
Date Entered	<input type="text" value="7/16/2009"/>
Notebook Reference	<input type="text"/>
Comments	<input type="text" value="S. paradoxus STE5"/>

Plasmid Name	pGIL043
Bacterial Host	DH5 α
Previous Name	
Bacterial Markers	Amp
Yeast Markers	URA3
Base Plasmid	YCpLac33
Integrating Instructions	
Lab of Origin	T.L. Newsome
Date Entered	7/16/2009
Notebook Reference	
Comments	S. mikatae STE5

Plasmid Name	pGIL044
Bacterial Host	DH5 α
Previous Name	
Bacterial Markers	Amp
Yeast Markers	URA3
Base Plasmid	YCpLac33
Integrating Instructions	
Lab of Origin	T.L. Newsome
Date Entered	7/16/2009
Notebook Reference	
Comments	S. bayanus STE5

Plasmid Name	pGIL045
Bacterial Host	DH5 α
Previous Name	
Bacterial Markers	Amp
Yeast Markers	URA3
Base Plasmid	YCpLac33
Integrating Instructions	
Lab of Origin	T.L. Newsome
Date Entered	7/16/2009
Notebook Reference	
Comments	S. castelli STE5

Plasmid Name	pGIL046
Bacterial Host	DH5 α
Previous Name	
Bacterial Markers	Amp
Yeast Markers	URA3
Base Plasmid	YCpLac33
Integrating Instructions	
Lab of Origin	T.L. Newsome
Date Entered	7/16/2009
Notebook Reference	
Comments	S. cerevisiae FUS3

Plasmid Name	pGIL047
Bacterial Host	DH5 α
Previous Name	
Bacterial Markers	Amp
Yeast Markers	URA3
Base Plasmid	YCpLac33
Integrating Instructions	
Lab of Origin	T.L. Newsome
Date Entered	7/16/2009
Notebook Reference	
Comments	S. paradoxus FUS3

Plasmid Name	pGIL048
Bacterial Host	DH5 α
Previous Name	
Bacterial Markers	Amp
Yeast Markers	URA3
Base Plasmid	YCpLac33
Integrating Instructions	
Lab of Origin	T.L. Newsome
Date Entered	7/16/2009
Notebook Reference	
Comments	S. mikatae FUS3

Plasmid Name	<input type="text" value="pGIL049"/>
Bacterial Host	<input type="text" value="DH5<math>\alpha</math>"/>
Previous Name	<input type="text"/>
Bacterial Markers	<input type="text" value="Amp"/>
Yeast Markers	<input type="text" value="URA3"/>
Base Plasmid	<input type="text" value="YCpLac33"/>
Integrating Instructions	<input type="text"/>
Lab of Origin	<input type="text" value="T.L. Newsome"/>
Date Entered	<input type="text" value="7/16/2009"/>
Notebook Reference	<input type="text"/>
Comments	<input type="text" value="S. kudriavzevii FUS3"/>

Plasmid Name	pGIL050
Bacterial Host	DH5 α
Previous Name	
Bacterial Markers	Amp
Yeast Markers	URA3
Base Plasmid	YCpLac33
Integrating Instructions	
Lab of Origin	T.L. Newsome
Date Entered	7/16/2009
Notebook Reference	
Comments	S. bayanus FUS3

Plasmid Name	pGIL051
Bacterial Host	DH5 α
Previous Name	
Bacterial Markers	Amp
Yeast Markers	URA3
Base Plasmid	YCpLac33
Integrating Instructions	
Lab of Origin	T.L. Newsome
Date Entered	7/16/2009
Notebook Reference	
Comments	S. castelli FUS3

Plasmid Name	<input type="text" value="pGIL052"/>
Bacterial Host	<input type="text" value="DH5<math>\alpha</math>"/>
Previous Name	<input type="text"/>
Bacterial Markers	<input type="text" value="Amp"/>
Yeast Markers	<input type="text" value="URA3"/>
Base Plasmid	<input type="text" value="YCpLac33"/>
Integrating Instructions	<input type="text"/>
Lab of Origin	<input type="text" value="T.L. Newsome"/>
Date Entered	<input type="text" value="8/3/2009"/>
Notebook Reference	<input type="text"/>
Comments	<input type="text" value="S. cerevisiae STE5"/>

Plasmid Name	pGIL055
Bacterial Host	DH5 α
Previous Name	
Bacterial Markers	Amp
Yeast Markers	LEU2
Base Plasmid	YlpLac128
Integrating Instructions	
Lab of Origin	Zakian
Date Entered	3/31/2010
Notebook Reference	
Comments	NZGFP N-terminus of GFP fused to a Leucine Zipper motif.

Plasmid Name	pGIL056
Bacterial Host	DH5 α
Previous Name	
Bacterial Markers	Amp
Yeast Markers	LEU2
Base Plasmid	YlpLac128
Integrating Instructions	
Lab of Origin	Zakian
Date Entered	3/31/2010
Notebook Reference	
Comments	CZGFP C-terminus of GFP fused to a Leucine Zipper motif.

Plasmid Name	<input type="text" value="pGIL057"/>
Bacterial Host	<input type="text" value="DH5<math>\alpha</math>"/>
Previous Name	<input type="text" value="pCORE"/>
Bacterial Markers	<input type="text" value="Amp"/>
Yeast Markers	<input type="text"/>
Base Plasmid	<input type="text"/>
Integrating Instructions	<input type="text"/>
Lab of Origin	<input type="text" value="Kruglyak"/>
Date Entered	<input type="text" value="1/13/2012"/>
Notebook Reference	<input type="text"/>
Comments	<input type="text" value="KanMX and KIURA3"/>

Plasmid Name	<input type="text" value="pGIL058"/>
Bacterial Host	<input type="text" value="DH5<math>\alpha</math>"/>
Previous Name	<input type="text"/>
Bacterial Markers	<input type="text" value="Amp"/>
Yeast Markers	<input type="text"/>
Base Plasmid	<input type="text"/>
Integrating Instructions	<input type="text"/>
Lab of Origin	<input type="text" value="Pat Gibney"/>
Date Entered	<input type="text" value="5/3/2013"/>
Notebook Reference	<input type="text"/>
Comments	<input type="text" value="Plasmid containing IPTG-inducible Taq Polymerase"/>

Plasmid Name	pGIL059
Bacterial Host	DH5 α
Previous Name	
Bacterial Markers	Amp
Yeast Markers	URA3 KanMX
Base Plasmid	pRS416
Integrating Instructions	
Lab of Origin	Pat Gibney
Date Entered	7/4/2013
Notebook Reference	
Comments	pRS416-KanMX-TDH3pr Pat built this for making TDH3 promoter fusions in the genome.

Plasmid Name	pGIL060
Bacterial Host	DH5 α
Previous Name	
Bacterial Markers	Amp
Yeast Markers	URA3 HphMX
Base Plasmid	pRS416
Integrating Instructions	
Lab of Origin	Pat Gibney
Date Entered	7/4/2013
Notebook Reference	
Comments	pRS416-HphMX-TDH3pr Pat built this for making TDH3 promoter fusions in the genome.

Plasmid Name	pGIL061
Bacterial Host	DH5 α
Previous Name	
Bacterial Markers	Amp
Yeast Markers	URA3 yNatMX
Base Plasmid	pRS416
Integrating Instructions	
Lab of Origin	Pat Gibney
Date Entered	7/4/2013
Notebook Reference	
Comments	<p>pRS416-yNatMX-TDH3pr</p> <p>Pat built this for making TDH3 promoter fusions in the genome.</p> <p>yNatMX is a yeast codon optimized version made by Amy Caudy</p>

Plasmid Name	pGIL062
Bacterial Host	DH5 α
Previous Name	
Bacterial Markers	Amp
Yeast Markers	URA3 KanMX
Base Plasmid	pRSII416
Integrating Instructions	
Lab of Origin	Pat Gibney
Date Entered	7/5/2013
Notebook Reference	
Comments	pRSII416-KanMX Second generation pRS vector

Plasmid Name	pGIL063
Bacterial Host	DH5 α
Previous Name	
Bacterial Markers	Amp
Yeast Markers	URA3 yNatMX
Base Plasmid	pRSII416
Integrating Instructions	
Lab of Origin	Pat Gibney
Date Entered	7/5/2013
Notebook Reference	
Comments	pRSII416-yNatMX Second generation pRS vector yNatMX is a yeast codon optimized version made by Amy Caudy

Plasmid Name	pGIL064
Bacterial Host	DH5 α
Previous Name	
Bacterial Markers	Amp
Yeast Markers	URA3 KanMX
Base Plasmid	pRSII426
Integrating Instructions	
Lab of Origin	Pat Gibney
Date Entered	7/5/2013
Notebook Reference	
Comments	pRSII426-KanMX Second generation pRS vector High copy vector

Plasmid Name	pGIL065
Bacterial Host	DH5 α
Previous Name	
Bacterial Markers	Amp
Yeast Markers	URA3 yNatMX
Base Plasmid	pRSII426
Integrating Instructions	
Lab of Origin	Pat Gibney
Date Entered	7/5/2013
Notebook Reference	
Comments	<p>pRSII426-yNatMX</p> <p>Second generation pRS vector</p> <p>yNatMX is a yeast codon optimized version made by Amy Caudy</p> <p>High copy vector</p>