

**Table S3. Oligonucleotides used in this study**

<b>Number</b>	<b>Name</b>	<b>Sequence (5'-3')</b>	<b>Description</b>
KT1910	PstI-rrk1-Fw	GACAAGCTTGCATGCCTGCAGGGAAATCATAACATAGTATAATAGG	gRNA expression plasmid
KT1903	rrk1-pro-Rv	CCAACTACCACCAACATAAGCAAA	gRNA expression plasmid
KT1904	rrk1-pro-gRNA-Fw	TTTGCTTATGTTGGTGGTAGTTGG	gRNA expression plasmid
KT1906	gRNA-HHM-Rv	CCTGTTTCGTCCTCACGGACTCAT	gRNA expression plasmid
KT1907	rrk1-ter-Fw	ACCGAGTCGGTGGTGCTACGGTTATTTGTTAGCAATGGTA	gRNA expression plasmid
KT1913	SacI-rrk1-ter-Rv	TTAGACTCGAATTCGCGTCCTGGCAGCAAATACGGAAAC	gRNA expression plasmid
KT1928	LEU2-BbsI-Fw	GACACCATCACCATCATCTTCCTTTCTCTTACCAAAG	gRNA expression plasmid
KT1929	LEU2-BbsI-Rv	CTTTGGTAAGAGAAAGGAAGATGATGGTGATGGTGTC	gRNA expression plasmid
KT1932	Bbs I-Inv-Fw	GAGAAGACCTGTTTTAGAGCTAGAAATAGCAAGTT	gRNA expression plasmid
KT1933	BbsI-Inv-Rv	GAAGACCCGGTGTCTTCGGTACAGGTTATGTTTTTTG	gRNA expression plasmid
KT1911	XhoI-Cas9-Fw	CTTTGTAAATCTCGAATGGACTATAAGGACCACGACGG	Cas9 expression plasmid
KT1912	BglII-Cas9-Rv2	CTTTTACCCGGGAGATCTTACTTTTTCTTT TTTGCCTGGCCGG	Cas9 expression plasmid
KT2051	NcoI-nmt41-Cas9-Fw	ATAGTTATTTCCATGGTCGCCATAAAAGACAGAATAAGTC	gRNA-Cas9 expression plasmid
KT2052	NcoI-Cas9-ter-Rv	AAAATTGTGCCCATGGCATTACTAATAGAAAGGATTATT	gRNA-Cas9 expression plasmid
KT2087	nmt1-quick-Fw	GTTAATCGAAACATTGAAGATATATAAAGGAAGAGGAATC	gRNA-Cas9 expression plasmid
KT2088	nmt1-quick-Rv	GATTCCTCTTCCTTTATATATCTTCAATGTTTCGATTAAC	gRNA-Cas9 expression plasmid
KT1975	ura4-quick-Fw	CTTTTGGCTGAAATGTCATCCAAAGGCTCTTTGGC	gRNA-Cas9 expression plasmid
KT1976	ura4-quick-Rv	GCCAAAGAGCCTTTGGATGACATTTTCAGCCAAAAG	gRNA-Cas9 expression plasmid
KT1973	MluI-gRNAcassette-Fw	TCTTTGTAAAACGCGGGGAAATCATAACATAGTATAATAG	gRNA-Cas9 expression plasmid
KT1974	MluI-gRNAcassette-Rv	CTTCTTGCAAACGCGCGTCCTGGCAGCAAATACGGAAACC	gRNA-Cas9 expression plasmid
KT1934	ade6-BbsI-gRNA-Fw	CACCTCTATTGTTTCAGATGCCTCG	ade6 gRNA expression plasmid
KT1946	ade6-BbsI gRNA-Rv	AAACCGAGGCATCTGAACAATAGA	ade6 gRNA expression plasmid
KT1936	ade6-check-Fw	CAAAGATCCTGTCTGAATCACCTG	ade6 amplification for colony PCR

KT1937	ade6-check-Rv	CAGTTATGTCTATGGTCGCCTATG	ade6 amplification for colony PCR
KT1966	swi6-gDNA-Fw2	CACCGCTATGAATACCTTTTGAAA	swi6 gRNA expression plasmid
KT1967	swi6-gDNA-Rv2	AAACTTTCAAAAGGTATTCATAGC	swi6 gRNA expression plasmid
KT1987	swi6-gRNA-Fw5	CACCAGTTCAGAAGCCGATTGTAG	swi6 gRNA expression plasmid
KT1988	swi6-gRNA-Rv5	AAACCTACAATCGGCTTCTGAACT	swi6 gRNA expression plasmid
KT1023	swi6-W104A-Fw	GAATACCTTTTGAAAGCGGAAGGTTATGACG	swi6 mutagenesis oligomer
KT1024	swi6-W104A-Rv	CGTCATAACCTTCCGCTTTCAAAAGGTATTC	swi6 mutagenesis oligomer
KT1959	swi6-W104A-donor-Fw	GCTATGAATACCTTTTGAAAGCGGAAGGTTATGACGATCCCAG	swi6 mutagenesis oligomer
KT1960	swi6-W104A-donor-Rv	CTGGGATCGTCATAACCTTCCGCTTTCAAAAGGTATTCATAGC	swi6 mutagenesis oligomer
KT2089	swi6-W104A-donor25-Fw	GGAGGCTATGAATACCTTTTGAAAGCGGAAGGTTATGACGATCCCAGTG	swi6 mutagenesis oligomer
KT2090	swi6-W104A-donor25-Rv	CACTGGGATCGTCATAACCTTCCGCTTTCAAAAGGTATTCATAGCCTCC	swi6 mutagenesis oligomer
KT1957	swi6-W104-arm-Fw	CGACGATTGGAACAGAGTTAC	swi6 homology arm amplification
KT1958	swi6-W104-arm-Rv	CAGATTCAATGTGACCATTCGGC	swi6 homology arm amplification
KT2170	mrc1-gRNA-Fw	CACCATTGTGAGTTGAGAAGCGCT	mrc1 gRNA expression plasmid
KT2171	mrc1-gRNA-Rv	AAACAGCGCTTCTCAACTCACAAT	mrc1 gRNA expression plasmid
KT27	mrc1-LFW	AGAGGATCTAACTGGAG	mrc1 amplification for colony PCR
KT90	mrc1-MR	GGCTGCAGGTGCCATTGAAGCTACCTCGCC	mrc1 amplification for colony PCR
KT2168	mrc1-S604A-donor-Fw	GTTCAAAACAGTCAACCAAGCGCTGCTCAACTCACAATCGTCGACGCT	mrc1 mutagenesis oligomer
KT2169	mrc1-S604A-donor-Rv	AGCGTCGACGATTGTGAGTTGAGCAGCGCTTGGTTGACTGTTTTGAAC	mrc1 mutagenesis oligomer
KT2047	stn1-N-gRNA-Fw	CACCTTCATTTTCTAGCATTTATT	stn1 gRNA expression plasmid
KT2048	stn1-N-gRNA-Rv	AAACAATAAATGCTAGAAAATGAA	stn1 gRNA expression plasmid
KT2049	stn1-N-Fw	CGCGCACTCAGGAAGATGAAGAC	stn1 amplification for colony PCR
KT2050	stn1-N-Rv	GAGCACTTACGCTGTAAATGTGGA	stn1 amplification for colony PCR
KT2133	stn1-2Flag-Fw	AGTCTTTAAGGGAATGACCTAATATGGACTACAAGGACGACGATGACAAG -GATTACAAAGATGACGACGATAAGATGCTAGAAAATGAAAATCAACTA	stn1 Flag tagging oligomer

KT2197	stn1-2Flag-Rv	TAGTTGATTTTCATTTTCTAGCATCTTATCGTCGTCATCTTTGTAATCCTT -GTCATCGTCGTCCTTGTAGTCCATATTAGGTCATTCCCT TAAAGACT	stn1 Flag tagging oligomer
KT2123	reb1-gRNA-Fw	CACCCTTCAAAAATATAATCTTTA	reb1 gRNA expression plasmid
KT2124	reb1-gRNA-Rv	AAACTAAAGATTATATTTTTGAAG	reb1 gRNA expression plasmid
KT2125	reb1-N-Fw	CGTTGTACTACTTAGCATTGCC	reb1 amplification for colony PCR
KT2126	reb1-N-Rv	GGCGCTCGAATCCACATTATC	reb1 amplification for colony PCR
KT2127	reb1-GFP-Fw	TTATAGTACTTCAAAAATATAATCTATGAGTAAAGGAGAAGAAGACTTTTC	reb1 GFP tagging oligomer
KT2179	reb1-GFP-Rv	CGGATTTAATACGGAGGTATCCATTTTGTATAGTTCATCCATGCCATG	reb1 GFP tagging oligomer
KT2284	adh1-promoter-Fw	GACTCTAGAGGATCAGGCCCTACAACAATAAGAAAATGGC	adh1p-Cas9 expression plasmid
KT2285	adh1-promoter-Rv	CTTATAGTCCATTTCGAAATTCTCTTGCTTAAAGAAAAGCG	adh1p-Cas9 expression plasmid
KT2286	nmt41-deletion-Fw	TCGAATGGACTATAAGGACCACGA	adh1p-Cas9 expression plasmid
KT2287	nmt41-deletion-Rv	CTGATCCTCTAGAGTCGATCGACC	adh1p-Cas9 expression plasmid

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