

## S2 Table - Primers used in this study

	Primer	Sequence
<b><u>ROP5 CRISPR plasmids - Set1</u></b>		
<b>pair1</b>		
ROP5 CRISPR 5' of locus - for (sgRNA-1)	5'	GTA GTC GTG TGT ACA GTA TCG TTT TAG AGC TAG AAA TAG C 3'
Universal sgRNA plasmid primer - rev (sgRNA-2)	5'	AAC TTG ACA TCC CCA TTT AC 3'
<b>pair2</b>		
ROP5 CRISPR 3' of locus - for	5'	CCA CAA ACT GAA ATC CGA GAG TTT TAG AGC TAG AAA TAG C 3'
Universal sgRNA plasmid primer - rev		see above
<b><u>Double CRISPR - Set2</u></b>		
<b>pair1</b>		
sgRNA cassette KpnI - for	5'	CGA ATT GGG TAC CCA AGT AAG CAG AAG CAC GCT G 3'
sgRNA cassette XhoI - rev	5'	TCG ACC TCG AGA ATT AAC CCT CAC TAA AGG 3'
<b><u>Gibson Cloning - Set3</u></b>		
<b>pair1</b>		
ROP5 5' homologous region + pUC19 - for	5'	TTT CCC AGT CAC GAC GTT CGA CGA AAC AGC AAC TGT GTG 3'
ROP5 5' homologous region + M13F - rev	5'	CTG GCC GTC GTT TTA CAA ATT CGG GGG CCG GCT AG 3'
<b>pair2</b>		
M13F + ROP5 5' homologous region - for	5'	ACT CAC TGA GGA ACC TAG CCG GCC CCC GAA TTC CAA AAA CGA CGG CCA GT 3'
M13R + ROP5 3' homologous region - rev	5'	ATG CAC GAA GCA CTA GCA CAG ATA CCG ATG AAC CAG GAA ACA GCT ATG AC 3'
<b>pair3</b>		
ROP5 3' homologous region + M13R - for	5'	GTC ATA GCT GTT TCC TGG TTC ATC GGT ATC TGT GCT AGT GC 3'
ROP5 3' homologous region + pUC19 - rev	5'	AGC GGA TAA CAA TTT CAC ACA TGG TCG AGG CCA TGG TCA 3'
<b>pair4</b>		
pUC19 for	5'	TGT GAA ATT GTT ATC CGC TC 3'
pUC19 rev	5'	AAC GTC GTG ACT GGG AA 3'
<b><u>ROP5 KO regions with DHFR*mCherry PCR amp - Set4</u></b>		
<b>pair 1</b>		
5' ROP5 homologous region - for	5'	CGA CGA AAC AGC AAC TGT GTG 3'
3' ROP5 homologous region - rev	5'	CAT GGT CGA GGC CAT GGT CA 3'
<b><u>ROP5 KO check - Set5</u></b>		
<b>pair1</b>		
5' of ROP5 5' homologous region - for	5'	ACT ATG TCT TTG GTA CGA CCG CCG 3'
DHFR promoter - rev	5'	TAC CAG TCA TGG ACG AGA TCG 3'
<b>pair2</b>		
DHFR 3' UTR - for	5'	ATA ATC TGC GAC CGC TGA ATC CGT 3'
3' of ROP5 3' homologous region - rev	5'	GTG ATC CTT GCA GAC GCT TG 3'
<b>pair 3</b>		
GRA1 promoter - for (pos control)	5'	AAA CCC TCG AAG GCT GCT AGT ACT 3'
GRA1 promoter - rev (pos control)	5'	TCT TGC TTG ATT TCT TCA AAG AAC AAC AGC AAG 3'
<b><u>ROP18 KO check - Set6</u></b>		
<b>pair1</b>		
UpUp18 - for	5'	GAT CTT CAG CAG CCT GGT TC 3'
DHFR promoter - rev		see above
<b>pair2</b>		
DHFR 3' UTR - for #2	5'	CGA ACC ATG TCG AGG CTT TAA AGG A 3'
DnDn18 - rev	5'	CAA ACC AAT CAC GAC CTC TG 3'
<b>pair 3</b>		
GRA1 promoter - for (pos control)		see above
GRA1 promoter - rev (pos control)		see above