

**Table S1. Primers for construction and screening of plasmid pGFP::CM**

		Forward primer	Reverse Primer
pCM amplification	F1	agtaaatattggattagatgctgaaaagcgtac	agaaccagatctgatacacaatatagttggtatattgacgacagaagag
	F2	gtacgcttttcagcatctaataccaatattact	ctagattaatgctgactataattaaattatataccatttagttgccctcaaagcaa
pGFP::SW2 amplification		accaactatattgtgatacagatctggttctatagtgacacctaataatcg	tataatttaattatagtcgacattaatctagatatcgagctcgag
screening PCR primers		ttagagaatcgttctctttgag	tctacagttgctttgagggcaac

**Table S2. Primers for pORF deletion from pGFP::CM**

		Forward primer	Reverse Primer
Pgp1 deletion	F1	ctgcatttttagaaaagcatggtaaattatagcaactgtcacttcatt	cactatagaaccagatctgata
	F2	cagttgctataattaccatgcttttctaaaaaaatgcagcgcgt	tatcagatctggttctatagtg
Pgp2 deletion	F1	tattaaaaagtagtggtaaaaaatagcaaaacttgaaactaaaacaaatttat	cactatagaaccagatctgata
	F2	gtttcaagtttgctatttttaccatacttttataatagcagagaacttacttg	tatcagatctggttctatagtg
Pgp3 deletion	F1	acaatattaagttgggcaaggaataacaataacttctaacgttc	ctcaaagagaacgattctctaa
	F2	ttagaagtattgttattccttgcccaacttfaatattgctggcaataac	ttagagaatcgttctctttgag
Pgp4 deletion	F1	ttctaattacgggggtgtatgtttactctaacgttgagtagactt	ctcaaagagaacgattctctaa
	F2	ccaacgttagagtaaaacataacaacccccgtaattagaactgttc	ttagagaatcgttctctttgag
Pgp5 deletion	F1	atagatgtttactctaacggtgaataaaactggaaaaggaagctagcg	ctcaaagagaacgattctctaa
	F2	tcctttccagttattcaccgttagagtaaaacatctattctgccttag	ttagagaatcgttctctttgag
Pgp6 deletion	F1	ttccagaggactgtgatccgccgctcagctcttatatatactatt	ctcaaagagaacgattctctaa
	F2	ataagagctgacggcgatcacagtgcctctgggaaaagtc	ttagagaatcgttctctttgag
Pgp7 deletion	F1	gtcatattgttaagaaaagatcagatctggttctatagtgacact	ggttggcaagccgcataaaatgaa
	F2	ctatagaaccagatctgatacttttctaaacaatatgactctgattcaga	ttcattttatgacggcttgccaacc
Pgp8 deletion	F1	ccctcaaagcaactgtagaatgtcctgattagtgaaataatcaggttat	cactatagaaccagatctgata
	F2	tatttactaatcaggacattctacagttgctttgagggcaac	tatcagatctggttctatagtg

**Table S3. Primers for *pgp5* replacement with mCherry and *pgp5* premature stop insertion in pGFP::CM**

		Forward primer	Reverse Primer
mCherry Replace <i>pgp5</i>	F1	tcctcgcccttgctcaccatcgtagagtaaacaatctattctgccttag	ttagagaatcgttctctttgag
	F2	gcatggacgagctgtacaagtgaataaaactggaaaaggaagctagcg	ctcaaagagaacgattctctaa
	F3(mCherry)	atagatgtttactctaacgatggtgagcaagggcgag	ttcctttccagttattcactgtacagctcgtccatgcc
<i>Pgp5C11stop</i>		cttgcaaaccttagtttttgatcttttaaggggtgggacagg	cctgtcccaccctaaaagatcaaaaactaagggttgcaaag

**Table S4. Screen PCR primers for ORF deletion from pGFP::CM**

	Forward primer	Reverse Primer
<i>pgp1</i>	CGCGGATCCATGAAAATAATTCTGAAATAGAA	TTTTCTTTTTGCGGCCGCTTACCATACTTTTTTAATAGCAGA
<i>pgp2</i>	ATGGTAAATTATAGCAACTGTCACTTC	TTAATTAAATTCTTGCTCGAATTGATTCA
<i>pgp3</i>	CCGGAATTCATGACAGAACCTCTTACAGAT	TTTTCTTTTTGCGGCCGCTTAAGTGTTTTTTTGAGGTATCAC
<i>pgp4</i>	CGCGGATCCATGCAAAACAAAAGAAAAGTGAAGA	TTTTCTTTTTGCGGCCGCTTATTCTGCCTTAGAAAACATGT
<i>pgp5</i>	TTGGAGTACACTTTGCAAACCTTAGTTT	TCACAGTGCCTCTGGGAAAAGTC
<i>pgp6</i>	CGCGGATCCGTGAATAAACTGGAAAAGGAAG	TTTTCTTTTTGCGGCCGCTCAGCTCTTTTGCTTATAGACT
<i>pgp7</i>	CGCGGATCCATGAACTCAAATTTTACCACAG	TTTTCTTTTTGCGGCCGCTCACAATATAGTTGGTATATTTG
<i>pgp8</i>	TTGCGTTTAGGTTATATCACGAGGAA	TTATATTAGGCCATCTTCTTTGAGGC

**Table S5. Primers for quantitative Real-time PCR**

	Forward primer	Reverse Primer	Probe
pgp1	AAG AAG GGC GGC TTA TTC TG	AAG GCC GAG CTG CAA TTA T	/56-FAM/TTA TGA CGG /ZEN/CTT GCC AAC CGG ATA /3IABkFQ/
pgp2	CAC CAT CAA CAC GAA AGC ATA AA	CGC AGG CTT GAC TAC GAA ATA	/56-FAM/TCA TTG TAG /ZEN/AAC CTT GTC CCA TCT TGG T/3IABkFQ/
pgp3	GAT ACA CAA CCA TGT GCG ATT AG	GGG TGT CGA TCC GGA ATT AG	/56-FAM/TGG CTA TTC /ZEN/TTC TGG TGT GCC CAA /3IABkFQ/
pgp4	CTA TTC TCG GGC TGC AGA AA	GAT TAG TCG AAC TCC GGT CAT C	/56-FAM/ACG GGT GAA /ZEN/TAA GGA AAG GGT TAC T/3IABkFQ/
pgp5	GCC TAT AAT GCG TTG GCT TAT	ATG CAG ACT TAT ACG GGA TTG A	/56-FAM/AGG CAA ACC /ZEN/TGA GGA AGA ACA TAT TCT TGG /3IABkFQ/
pgp6	GAA GAA ATG GGC GTG TGT TTA T	TCC GAA GCG CTG CTA TTT	/56-FAM/CCA AGC ACA /ZEN/ACT TTG CAG AAA GAG TTC C/3IABkFQ/
pgp7	AGA AGT TCA TGC ACG CTC TAA	GCG GGC AAT TTG TCT TAA CC	/56-FAM/CTG AGG ATG /ZEN/GAT CTC CCA TTG CAA CA/3IABkFQ/
pgp8	CCC GAG CTA GAC TTG AAA	CTC TTG TGG TAG AGT TCT AAG G	/56-FAM/AGT ACA TTG /ZEN/GGC CAC GAA GAG GTT /3IABkFQ/
TC0052 (CT681)	AGA CCT TAC TAC AGC ACC TAC TC	AGC CAT GTA CGC AGC ATT AG	/56-FAM/TCC CGC TTA /ZEN/TGG CAA GCA TAT GCA AGA /3IABkFQ/
TC0319 (CT049)	GTC ACA ACT GGA TGG CTA CTT	TCT GTT GGT TGG TTC CCA TAT T	56-FAM/AGC CGG ATT /ZEN/ATT TCT TTC GAC TTC CGG G/3IABkFQ/
TC0181 (CT798)	GGA GAC GCA CTA TAC GGA CTA	CTC GTG GAG CGA AGT GAA TAA	/56-FAM/AGC CGT CAA /ZEN/TCA TAC AAC AGA AGT CGT /3IABkFQ/
TC0419(CT142)	GAA CCT GTC CCT GCG AAT TA	AAG GCC CTA CTA GAG GAA GAA	/56-FAM/TGG AGC AAG /ZEN/AAT CGA ATG GAG CCA /3IABkFQ/
TC0420(CT143)	GAT AGG TCT ACG CAA GCC TAT AAT	CGA CTC TAC GTC TCT GCT ATT G	/56-FAM/AAA CTC TCT /ZEN/CCT GCA ACG GAC ACC /3IABkFQ/
TC0421(CT144)	GCT CCG ATT CTA TTC CGA CTT T	TCC TCC GAC CTC ATA GGT ATT T	/56-FAM/TGG ATA ACG /ZEN/GAG TAG GAG GAC CAG TT/3IABkFQ/
TC0357(CT084)	GGG AAA TTC TGC TGC CTT AGA	TGT GGA AGG GTA AGA GCA AAC	/56-FAM/AGG TAC TCC /ZEN/AAC ACA TTC GCT CTG CT/3IABkFQ/
TC0248(CT858)	CCA CAT CCT CGA GTC CAA TAT AC	AGG GCT CTG TCA TTG TCT TTC	/56-FAM/TCT TGT GCG /ZEN/GAT TTC TTC CCT GCT /3IABkFQ/
TC0846 (CT557)	CCT CAC GCC TCT TCT CTT ATT T	TTG GAT GTG CAT GGA TGG T	/56-FAM/AGC TAT TCG /ZEN/CAA TGA GCT GAC CCT CC/3IABkFQ/