Supplemental Table 1: Yeast Strains employed in this work

Yeast Strain	Genotype	Source
BY4741	*MATa his3Δ1,leu2Δ0,met15Δ0,ura3Δ0*	
AW638	BY4741, *ltn1-Δ:: ble*^{R}	(Letzring et al. 2013)
AW710	BY4741, *rpl1b-Δ::ble*^{R}	(Letzring et al. 2013)
AW714	BY4741, *asc1-Δ::kanMX*	(Letzring et al. 2013)
AW752	BY4741, *hel2-Δ::kanMX*	(Letzring et al. 2013)
AW765	BY4741,[hc, *URA3 ASC1*]	This Study
AW768	BY4741, *asc1-Δ::HIS5 S.p.* [hc, *URA3 ASC1*]	This Study
AW824	BY4741, *dom34-Δ:: ble*^{R}	This Study
AW828	BY4741, *hbs1-Δ:: ble*^{R}	This Study
AW850	AW765, *nmd2-Δ::kanMX*	This Study
AW854	AW765, *nam7-Δ::kanMX*	This Study
AW858	AW768, *nmd2-Δ::kanMX*	This Study
AW890	BY4741, *scp160-Δ::kanMX*	This Study
YSJ004	AW765, *gcn4-Δ:: ble*^{R}	This Study
YSJ0012	AW768, *gcn4-Δ:: ble*^{R}	This Study

Supplemental Table 2: Plasmids employed in this work

Plasmid Name	Description	Source
pDL202	2-μ *URA3* p_{PGK1}*-Fluc-Rluc*	(Letzring et al. 2010)
pJE1012a	2-μ *URA3 GLN4* (1-187)	(Grant et al. 2012)
pEKD1024	int, *MET15*, GFP-RFP reporter, no insert upstream of GFP	(Dean and Grayhack 2012)
pAVA0577	2-μ *LEU2* vector	(Alexandrov et al. 2006)
pEAW012	int $P_{GAL\ 1,10}$ *Rluc*-GFP, RFP, *MET15*	(Letzring et al. 2013)
pDL867	2-μ *LEU2 tR(ACG)D* in pAVA0577	(Letzring et al. 2010)
pDL869	2-μ *LEU2 tR(UCU)K-U36G* in pAVA0577	(Letzring et al. 2010)
pEAW0024	$(CGA)_4$ insert in pEAW012	(Letzring et al. 2013)
pEAW0026	$(AGA)_4$ insert in pEAW012	(Letzring et al. 2013)
pECB0498	$(CGA)_4$ +1 (A)* insert in pEAW012	This Study
pECB0502	$(CGA)_4$ -1 (AA)* insert in pEAW012	This Study
pECB0490	$(AGA)_4$ +1 (A)* insert in pEAW012	This Study
pECB0494	$(AGA)_4$ -1 (AA)* insert in pEAW012	This Study
pECB194	2-μ *URA3* vector [derived from pAVA0577]	(Alexandrov et al. 2006)
pEAW076	2-μ *URA3 ASC1* in pECB194	This Study
pEAW141	2-μ *LEU2 ASC1* No Intron in pAVA0577	This Study
pEAW0174	$(AGA)_6$ insert in pEAW012	This Study
pEAW0177	$(AGA)_6$+1 (A)* insert in pEAW012	This Study
pEAW0180	$(CGA)_2(AGA)_4$ insert in pEAW012	This Study
pEAW0183	$(CGA)_2(AGA)_4$+1(A)* insert in pEAW012	This Study
pEAW0186	$(CGA)_3(AGA)_3$ insert in pEAW012	This Study
pEAW0189	$(CGA)_3(AGA)_3$+1(A)* insert in pEAW012	This Study
pEAW0192	$(CGA)_4(AGA)_2$ insert in pEAW012	This Study
pEAW0195	$(CGA)_4(AGA)_2$+1(A)* insert in pEAW012	This Study
pEAW0198	$(CGA)_5$(AGA) insert in pEAW012	This Study
pEAW0201	$(CGA)_5$(AGA)+1(A)* insert in pEAW012	This Study
pEAW0204	$(CGA)_6$ insert in pEAW012	This Study
pEAW0207	$(CGA)_6$+1(A) insert in pEAW012	This Study
pEJW003	*Gln4* (a.a.1-5)-$(AGA)_4$-GFP in EKD1024	This Study
pEJW007	*Gln4* (a.a.1-5)-$(CGA)_4$-GFP in EKD1024	This Study
pEJW020	*Gln4* (a.a.1-15)-$(AGA)_4$-GFP in EKD1024	This Study
pEJW023	*Gln4* (a.a.1-15)-$(CGA)_4$-GFP in EKD1024	This Study
pEJW027	*Gln4* (a.a.1-25)-$(CGA)_4$-GFP in EKD1024	This Study
pEJW031	*Gln4* (a.a.1-25)-$(CGA)_4$-GFP in EKD1024	This Study
pEJW035	*Gln4* (a.a.1-44)-$(AGA)_4$-GFP in EKD1024	This Study
pEJW039	*Gln4* (a.a.1-44)-$(CGA)_4$-GFP in EKD1024	This Study
pEJW043	*Gln4* (a.a.1-62)-$(AGA)_4$-GFP in EKD1024	This Study
pEJW047	*Gln4* (a.a.1-62)-$(AGA)_4$-GFP in EKD1024	This Study
pEJW051	*Gln4* (a.a.1-99)-$(AGA)_4$-GFP in EKD1024	This Study
pEJW056	*Gln4* (a.a.1-99)-$(AGA)_4$-GFP in EKD1024	This Study
pEAW234	*Gln4* (a.a.1-25)-$(CGA)_4$+1 (A)* -GFP in EKD1024	This Study
pEAW236	*Gln4* (a.a.1-25)-$(AGA)_4$+1 (A)* -GFP in EKD1024	This Study
pEAW238	*Gln4*- (a.a.1-44)-$(CGA)_4$+1 (A)* -GFP in EKD1024	This Study
pEAW240	*Gln4* (a.a.1-44)-$(AGA)_4$+1 (A)* -GFP in EKD1024	This Study

pEAW242	*Gln4* (a.a.1-62)-$(CGA)_4$+1 (A)* -GFP in EKD1024	This Study
pEAW244	*Gln4* (a.a.1-62)-$(AGA)_4$+1 (A)* -GFP in EKD1024	This Study
pEAW246	*Gln4* (a.a.1-99)-$(CGA)_4$+1 (A)* -GFP in EKD1024	This Study
pEAW248	*Gln4* (a.a.1-99)-$(AGA)_4$+1 (A)* GFP in EKD1024	This Study
pEAW250	*Gln4* (a.a.1-5)-$(AGA)_4$+1 (A)* GFP in EKD1024	This Study
pEAW252	*Gln4* (a.a.1-5)-$(CGA)_4$+1 (A)* GFP in EKD1024	This Study
pEAW254	*Gln4* (a.a.1-15)-$(AGA)_4$+1 (A)* GFP in EKD1024	This Study
pEAW256	*Gln4* (a.a.1-15)-$(CGA)_4$+1 (A)* GFP in EKD1024	This Study
pEAW264	$(CGA)_3$+1 (A) insert in pEAW012	This Study
pEAW270	$(CGA)_2$AGA +1 (A) insert in pEAW012	This Study
pEAW275	$(AGA)_3$ insert in pEAW012	This Study
pEAW276	$(AGA)_3$+1 (A) insert in pEAW012	This Study
pEAW277	$(CGA)_3$ insert in pEAW012	This Study
pEAW282	$(CGA)_2$AGA insert in pEAW012	This Study
pEAW0320	$(AGA)_4$ insert in pDL202	This Study
pEAW0322	$(CGA)_4$ insert in pDL202	This Study
pEAW0324	$(CGA)_4$+1 (A) insert in pDL202	This Study
pEAW0326	$(AGA)_4$+1 (A) insert in pDL202	This Study

*Indicates the nucleotide(s) that were inserted directly after Arg codons to put GFP into either the +1 or -1 frame

Supplemental Table S3: Oligonucleotides Employed in this work

Oligo ID	Description	Sequence (5'-3')
OW125	ASC1 delta phleo F (PCR deletion cassette)	ATAACACACTAAAGTAAATAAAGTGAAAAGCGGCCGCCAGCTGAA
OW126	ASC1phelo Reverse (PCR deletion cassette)	CATAAAAGAACAAATGAACTTTATACATATTCAAATAGGCCACTAGTGGATCTGAT
OW016	ASC1-482F	CACGTATTTTGCTCGGTGTGATAT
OW017	ASC1-339R	GAGACTGAATTTAATGAACTCCTTGC
OW070	ASC1-326+LIC F (Clone ASC1)	GGGTCCTGGTTCGAGCCATCTGTAGC
OW071	ASC1+434+LIC R (Clone ASC1)	CTTGTTCGTGCTGTTTACTCTATCTAC
OW090	RLUC-GFP Fusion F	CTAATTCCATCAACCTTACGAGCAAGGATCTATGACTTCG
OW091	RLUC-GFP Fusion R	TACCACTATTAATTAAGTTACTAGAGGTCGACATTTGTTCATTTTTGAGAACTC
OW119	ASC1-496P1 F (Clone ASC1 No Intron)	GCATTATGAATTGGAACCACGTAT
OW120	ASC1-482+LIC (Clone ASC1 No Intron)	GGGTCCTGGTTCGAGCATTATGAATTGGAACCACGTAT
OW121	ASC1+537 Intron R (Clone ASC1 No Intron)	CCTTAACCATTTTGTCGTTACCG
OW122	ASC1+810intron P3 F (Clone ASC1 No Intron)	AAAATGGTTAAGGCTTGGAACTTAAACCAATTC
OW123	Asc1+445 P4 R (Clone ASC1 No Intron)	CAATTGCTCTATCTACCTATGGAATG
OW124	ASC1 +445 P4 R+Lic (Clone ASC1 No Intron)	CTTGTTCGTGCTGTTTACAATTGCTCTATCTACCTATGGAATG
OJYW001	GLN4(a.a.1-5)(AGA)4-GFP F	AATTCCATCAACCTTAAGAAAATGTCTTCTGTAGAAAGAAGAAGAAGA
OJYW002	GLN4(a.a.1-5)(AGA)4-GFP R	CTTCCAAACCACTGGTTCTTCTTCTTCTTTCTACAGAAGACAT
OJYW003	GLN4(a.a.1-5)(CGA)4-GFP F	AATTCCATCAACCTTAAGAAAATGTCTTCTGTAGAACGACGACG
OJYW004	GLN4(a.a.1-5)(CGA)4-GFP R	CTTCCAAACCACTGGTTCGTCGTCGTCGTTCTACAGAAGACAT
OJYW008	GLN4 (a.a.1-16) F	AATTCCATCAACCTTAAGAAAATGTCTTCTGTAGAAGAATTGACTCAGCTGTTTTCACAG
OJYW009	GLN4(a.a.1-16) (AGA)4 R	CTTCCAAACCACTGGTTCTTCTTCTTCTCCCAACCTGTGAAAACAGCTGAGTCAATTCTT
OJYW010	GLN4(a.a.1-16) (CGA)4 R	CTTCCAAACCACTGGTTCGTCGTCGTCGCCCAACCTGTGAAAACAGCTGAGTCAATTCTT
OJYW011	GLN4 (a.a. 1-(25, 44, 62, 99)) F	AATTCCATCAACCTTAAGAAAATGTCTTCTGTAGAAGAATTGACTCAG
OJYW012	GLN4(a.a.1-25) (AGA)4 R	CTTCCAAACCACTGGTTCTTCTTCTTCTGACAATCTCCTTCACCTTTTTATCTTC
OJYW013	GLN4(a.a.1-25) (CGA)4 R	CTTCCAAACCACTGGTTCGTCGTCGTCGGACAATCTCCTTCACCTTTTTATCTTC
OJYW014	GLN4(a.a.1-44) (AGA)4 R	CTTCCAAACCACTGGTTCTTCTTCTTCTGTCCGAAGGAGTCTCCTTAATCA
OJYW015	GLN4(a.a.1-44) (CGA)4 R	CTTCCAAACCACTGGTTCGTCGTCGTCGGTCCGAAGGAGTCTCCTTAATCA
OJYW016	GLN4(a.a.1-62) (AGA)4 R	CTTCCAAACCACTGGTTCTTCTTCTTCTGACAAAAGATGCCAGGTTGTGTA
OJYW017	GLN4(a.a.1-62) (CGA)4 R	CTTCCAAACCACTGGTTCGTCGTCGTCGGACAAAAGATGCCAGGTTGTGTA
OJYW018	GLN4(a.a.1-99) (AGA)4 R	CTTCCAAACCACTGGTTCTTCTTCTTCTGCCATTAGCCTTTACATATTTAAATGC
OJYW019	GLN4(a.a.1-99) (CGA)4 R	CTTCCAAACCACTGGTTCGTCGTCGTCGGCCATTAGCCTTTACATATTTAAATGC
OW206	GLN4 (a.a.1-5)(AGA)4+1-GFP F	AATTCCATCAACCTTAAGAAAATGTCTTCTGTAGAAAGAAGAAGAAGAA
OW207	GLN4 (a.a.1-5)(AGA)4+1-GFP R	CTTCCAAACCACTGGTTTCTTCTTCTTTCTACAGAAGACAT

Oligo ID	Description	Sequence (5'-3')
OW208	GLN4 (a.a.1-5)(CGA)4+1-GFP F	AATTCCATCAACCTTAAGAAAATGTCTTCTGTAGAACGACGACG
OW209	GLN4 (a.a.1-5)(CGA)4+1-GFP R	CTTCCAAACCACTGGTTTCGTCGTCGTCGTTCTACAGAAGACAT
OW212	GLN4 (a.a.1-25)(AGA)4+1-GFP R	CTTCCAAACCACTGGTTTCTTCTTCTTCTGACAATCTCCTTCACCTTTTTATCTTC
OW213	GLN4 (a.a.1-25)(CGA)4+1-GFP R	CTTCCAAACCACTGGTTTCGTCGTCGTCGGACAATCTCCTTCACCTTTTTATCTTC
OW214	GLN4 (a.a.1-44)(AGA)4+1-GFP R	CTTCCAAACCACTGGTTTCTTCTTCTTCTGTCCGAAGGAGTCTCCTTAATCA
OW215	GLN4 (a.a.1-44)(CGA)4+1-GFP R	CTTCCAAACCACTGGTTTCGTCGTCGTCGGTCCGAAGGAGTCTCCTTAATCA
OW216	GLN4 (a.a.1-62)(AGA)4+1-GFP R	CTTCCAAACCACTGGTTTCTTCTTCTTCTGACAAAAGATGCCAGGTTGTGTA
OW217	GLN4 (a.a.1-62)(CGA)4+1-GFP R	CTTCCAAACCACTGGTTTCGTCGTCGTCGGACAAAAGATGCCAGGTTGTGTA
OW218	GLN4 (a.a.1-100)(AGA)4+1-GFP R	CTTCCAAACCACTGGTTTCTTCTTCTTCTGCCATTAGCCTTTACATATTTAAATGC
OW219	GLN4 (a.a.1-100)(CGA)4+1-GFP R	CTTCCAAACCACTGGTTTCGTCGTCGTCGGCCATTAGCCTTTACATATTTAAATGC
OW220	GLN4 (a.a.1-16) (AGA)4+1 R	CTTCCAAACCACTGGTTTCTTCTTCTTCTCCCAACCTGTGAAAACAGCTGAGTCAATTCTT
OW221	GLN4 (a.a.1-16) (CGA)4+1 R	CTTCCAAACCACTGGTTTCGTCGTCGTCGCCCAACCTGTGAAAACAGCTGAGTCAATTCTT
OCB246	RLUC-(AGA)4+1-GFP [F]	ACCTCTACTAACTTAAGAAGAAGAAGAAA
OCB 247	RLUC-(AGA)4+1-GFP [R]	CTTCCAAACCACTTTCTTCTTCTTCT
OCB 248	RLUC-(AGA)4-1-GFP [F]	ACCTCTACTAACTTAAGAAGAAGAAGAAAA
OCB 249	RLUC-(AGA)4-1-GFP [R]	CTTCCAAACCACTTTTCTTCTTCTTCT
OCB 250	RLUC-(CGA)4+1-GFP [F]	ACCTCTACTAACTTACGACGACGACGAAA
OCB 251	RLUC-(CGA)4+1-GFP [R]	CTTCCAAACCACTTTCGTCGTCGTCG
OCB 252	RLUC-(CGA)4-1-GFP [F]	ACCTCTACTAACTTACGACGACGACGAAAA
OCB 253	RLUC-(CGA)4-1-GFP [R]	CTTCCAAACCACTTTTCGTCGTCGTCG
OW174	RLUC- (CGA)2(AGA)4-GFP [F]	ACCTCTACTAACTTACGACGAAGAAGAAGAAGAA
OW175	RLUC- (CGA)2(AGA)4+1-GFP [F]	ACCTCTACTAACTTACGACGAAGAAGAAGAAGAAA
OW176	RLUC- (CGA)3(AGA)3-GFP [F]	ACCTCTACTAACTTACGACGACGAAGAAGAAGAA
OW177	RLUC-(CGA)3(AGA)3 +1-GFP [F]	ACCTCTACTAACTTACGACGACGAAGAAGAAGAAA
OW182	RLUC-(CGA)5(AGA)-GFP [F]	ACCTCTACTAACTTACGACGACGACGACGAAGAA
OW183	RLUC-(CGA)5(AGA) +1-GFP [F]	ACCTCTACTAACTTACGACGACGACGACGAAGAAA
OW184	RLUC- (AGA)6-GFP [F]	ACCTCTACTAACTTAAGAAGAAGAAGAAGAAGAA
OW185	RLUC- (AGA)6 +1-GFP [F]	ACCTCTACTAACTTAAGAAGAAGAAGAAGAAGAAA
OW186	RLUC-(CGA)4(AGA)2-GFP [F]	ACCTCTACTAACTTACGACGACGACGAAGAAGAA
OW187	RLUC-(CGA)4(AGA)2+1-GFP [F]	ACCTCTACTAACTTACGACGACGACGAAGAAGAAA
OW188	RLUC- (CGA)6-GFP [F]	ACCTCTACTAACTTACGACGACGACGACGACGAA
OW189	RLUC-(CGA)6+1-GFP [F]	ACCTCTACTAACTTACGACGACGACGACGACGAAA
OW190	RLUC- (CGA)2(AGA)4-GFP [R]	CTTCCAAACCACTTCTTCTTCTTCT

Oligo ID	Description	Sequence (5'-3')
OW191	RLUC- (CGA)2(AGA)4+1-GFP [R]	CTTCCAAACCACTTTCTTCTTCTTCT
OW192	RLUC- (CGA)3(AGA)3-GFP [R]	CTTCCAAACCACTTCTTCTTCTTCG
OW193	RLUC-(CGA)3(AGA)3 +1-GFP [R]	CTTCCAAACCACTTTCTTCTTCTTCG
OW198	RLUC-(CGA)5(AGA)-GFP [R]	CTTCCAAACCACTTCTTCGTCGTCG
OW199	RLUC-(CGA)5(AGA) +1-GFP [R]	CTTCCAAACCACTTTCTTCGTCGTCG
OW200	RLUC- (AGA)6-GFP [R]	CTTCCAAACCACTTCTTCTTCTTCT
OW201	RLUC- (AGA)6 +1-GFP [R]	CTTCCAAACCACTTTCTTCTTCTTCT
OW202	RLUC-(CGA)4(AGA)2-GFP [R]	CTTCCAAACCACTTCTTCTTCGTCG
OW203	RLUC-(CGA)4(AGA)2+1-GFP [R]	CTTCCAAACCACTTTCTTCTTCGTCG
OW204	RLUC- (CGA)6-GFP [R]	CTTCCAAACCACTTCGTCGTCGTCG
OW205	RLUC-(CGA)6+1-GFP [R]	CTTCCAAACCACTTTCGTCGTCGTCG
OCB087	PCR DOM34 deletion F	GTACTGCGTGATGAAAGTGTACATACATTATTCAATATTCCAGCTGAAGCTTCGTACGC
OCB088	PCR DOM34 deletion R	TAATTGCGGCTTCACATCTACTTGCTTATAGGGAAGAAGTGCATAGGCCACTAGTGGATC
OCB089	Extension PCR DOM34 deletion F	AGCAGAGCTGAAAAAAATTTTCTTTTTACCAAAAATCCGTACTGCGTGATGAAAGTGTAC
OCB090	Extension PCR DOM34 deletion R	ACGTGACTAACTAGAACCATTTCACAACAACTCAATTAATTGCGGCTTCACATCTACTTG
OCB091	PCR HBS1 deletion F	GCCCATTAATGTGACTTGAATATACCACATGAAAGCTAACCAGCTGAAGCTTCGTACGC
OCB092	PCR HBS1 deletion R	CAGAGGCAGGTATTCTTTTGTATTGTCGCCCTCTAACCTTGCATAGGCCACTAGTGGATC
OCB093	Extension PCR HBS1 deletion F	TCGTATTCATATATTGATCACAATGCACGGAGACGCCCATTAATGTGACTTGAATATACC
OCB094	Extension PCR HBS1 deletion R	TTTTCAAACCTATTCAATAGTTTTTTAGATATATTCAGAGGCAGGTATTCTTTTGTATTG
OW0162	SCP160-276 F (PCR deletion)	GACTTGCAACGGATAGTATATTTAC
OW0163	SCP160-357 F (confirm deletion)	GTGGGCTTGAAAAATTTTCGCTC
OW0164	SCP160 +182 R (PCR deletion)	CTTCTCCATTTCTTATGTTCGTG
OW0242	RLUC- (AGA)3+1-GFP [F]	ACCTCTACTAACTTAAGAAGAAGAAA
OW0259	RLUC- (AGA)3+1-GFP [R]	CTTCCAAACCACTTTCTTCTTCT
OW0260	RLUC- (AGA)3-GFP [R]	CTTCCAAACCACTTCTTCTTCT
OW0261	RLUC- (AGA)6-GFP [F]	ACCTCTACTAACTTAAGAAGAAGAA
OW0270	RLUC- (CGA)2AGA+1-GFP [R]	CTTCCAAACCACTTTCTTCGTCG
OW0271	RLUC- (CGA)2AGA+1-GFP [F]	ACCTCTACTAACTTACGACGAAGAAA
OW0248	RLUC- (CGA)2AGA -GFP [F]	ACCTCTACTAACTTACGACGAAGAA
OW0249	RLUC- (CGA)2AGA-GFP [R]	CTTCCAAACCACTTCTTCGTCG
OW0257	RLUC- (CGA)3 -GFP [R]	CTTCCAAACCACTTCGTCGTCG
OW0258	RLUC- (CGA)3-GFP [F]	ACCTCTACTAACTTACGACGACGAA
OW0282	RLUC- (CGA)3+1 -GFP [R]	CTTCCAAACCACTTTCGTCGTCG

Oligo ID	Description	Sequence (5'-3')
OW0283	RLUC- (CGA)3+1-GFP [F]	ACCTCTACTAACTTACGACGACGAAA
OW0165	SCP160 +272 R (confirm deletion)	CCGCCTTATAACGAAGACTCTTT
OW290	Nam7- 446 F (confirm deletion)	AAACATATGCATCTGGCGAACTC
OW291	Nam7-271 F (PCR deletion)	CATCAGTTTCCCTTTGCTTACTT
OW292	Nam7+ 277 R (PCR deletion)	GCGCCGTAAAGAGTATTCATTAG
OW293	NAM7+ 324 R (confirm deletion)	GCAAAAATGAAACCTCGCTAC
OW294	Nmd2-321 F (confirm deletion)	GTTTCTATGATCACTACGGGATA
OW295	Nmd2-264 F (PCR deletion)	CTTAGGGCATGAGGATGATATTAG
OW296	Nmd2+206 R (PCR deletion)	AAACTACAGCGGTGGTAAAGAAG
OW297	Nmd2+278 R (confirm deletion)	TGTTGTCAGTTTAAGCAAGGACC
OW320	RLUC-(CGA)4-FLUC F	TCGACGCGACGACGACGAG
OW321	RLUC-(CGA)4-FLUC R	GATCCTCGTCGTCGTCGCG
OW322	RLUC-(CGA)4+1 (A) -FLUC F	TCGACGCGACGACGACGAAG
OW323	RLUC-(CGA)4+1 (A) -FLUC R	GATCCTTCGTCGTCGTCGCG
OW326	RLUC-(AGA)4-FLUC F	TCGACGAGAAGAAGAAGAG
OW327	RLUC-(AGA)4-FLUC R	GATCCTCTTCTTCTTCTCG
OW328	RLUC-(AGA)4+1 (A) -FLUC F	TCGACGAGAAGAAGAAGAAG
OW329	RLUC-(AGA)4+1 (A) -FLUC R	GATCCTTCTTCTTCTTCTCG
OCB721	RT-QPCR GFP Internal F	TATACATCACGGCAGACAAACA
OCB722	RT-QPCR GFP Internal R	GCTAGTTGAACGGAACCATCT
OACT1-F	Actin Primer F	ACG TTC CAG CCT TCT ACG TTT CCA
OACT1-R	ACT 1 Primer R	ACG TGA GTA ACA CCA TCA CCG GAA