

Identifier	Primer Name	Purpose	Sequence	PCR Temp
ZO1186	Hel2 Deletion Fwd	Hel2 endogenous deletion	CTAATGCTATTGTCAGTTACAGGTTAGAAATATATTTCCAA CGG ATC CCC GGG TTA ATT AA	ZP191
ZO1187	Hel2 Deletion Rev		CGAAAAAATAGTGGCTATACTTCTTTTCAAGAATTAGG GAA TTC GAG CTC GTT TAA AC	
ZO1192	Hel2 Check Fwd	qPCR to check Hel2 endogenous deletion	TCTCAACCTACCTCAACTACC	
ZO1193	Hel2 Check Rev		GCTGCTTTTGTTTGCCTTTC	
ZO113	Dhh1 Deletion Fwd	Dhh1 endogenous deletion	ATCCCAGGCCTAAAAATACGACAAGAAAGAAAATAGTAGTA CGG ATC CCC GGG TTA ATT AA	ZP191
ZO114	Dhh1 Deletion Rev		GCGTATCTCACCACAGTAGTTATTTTTCTTAGATATTCT GAA TTC GAG CTC GTT TAA AC	
ZO131	Dhh1 Check Fwd	qPCR to check Dhh1 endogenous deletion	ACAGCCGCATTTGTTATTCC	
ZO130	Dhh1 Check Rev		ACGACTTGGGAAGTTTGCAG	
ZO117	Dom34 Deletion Fwd	Dom34 endogenous deletion	AAATGTAATTTAATGAAGATCCCCAAAAATTAAGCATTCG CGG ATC CCC GGG TTA ATT AA	ZP191
ZO118	Dom34 Deletion Rev		AAATTTTATGTGTACATTACTTTTTTCTTACATAGTAAAT GAA TTC GAG CTC GTT TAA AC	
ZO127	Dom34 Check Fwd	qPCR to check Dom34 endogenous deletion	AGAGCAATGGAGGAAAAGCA	
ZO126	Dom34 Check Rev		CCTCACCATCGTCTTCATCA	
ZO1331	Syh1 Deletion Fwd	Syh1 endogenous deletion	TTTGCCACAGCTTGACAAGATTGGCAGTGGCAGTAAGTG CGG ATC CCC GGG TTA ATT AA	ZP145
ZO1332	Syh1 Deletion Rev		GCGTAGTAAACAATACTATGGAACAAAAAGGCT GAA TTC GAG CTC GTT TAA AC	
ZO1335	Syh1 Check Fwd	qPCR to check Syh1 endogenous deletion	TAATTTGGCGCCTTGGGCTA	
ZO1336	Syh1 Check Rev		AGATGGGGAAGGCGTTCCTTG	
ZO83	Actin Fwd	RT-qPCR	CTGCCGGTATTGACCAAAC	
ZO84	Actin Rev		CGGTGATTTCTTTTGCATT	
ZO553	nLuc Fwd	RT-qPCR	TGGTGATCAAATGGGTCAAA	
ZO544	nLuc Rev		CCTTCATAAGGACGACCAAA	
ZO1452	pTet07_F	PCR pTet for ZP436 clone	GGAATTGACGAGTACGGTGGGTAGCTCGAG CCACTTCTAAATAAGCGAATTC	ZP404
ZO1453	pTet07_R		AATTGATCCGGTAATTTAGTGTG	
ZO1459	yfp-nLucPEST_F	PCR nLuc for ZP436 clone	CACGGTATGGACGAATTGTACAAG ATGGTTTTTACTTTAGAAGATTTTG	ZP377
ZO1463	Cyc1term-nLuc_R		GAATGTAAGCGTGACATAACTAATAAGCTTTTA AAAACCATGAGAATTAGCTAAAATACG	
ZO1455	optYFP_F	PCR optYFP for ZP436 clone	ACTAAATTACCGGATCAATT ATGTCTAAGGGTGAAGAATTG	ZP408
ZO1456	optYFP_R		TCTTCTAAAGTAAAAACCAT CTTGTACAATTCGTCCATAC	
ZO463	NLuc+PestR	PCR pAG306 vector (including nLuc and pTet)	ATGGTTTTTACTTTAGAAGATTTTG	ZP436
ZO1453	pTet07_R		AATTGATCCGGTAATTTAGTGTG	
ZO1464	pTet-synYFP_F	PCR YFP for ZP432~ZP435 clone	ACTAAATTACCGGATCAATT ATGTCTAAGGGTGAAGAA	ZP405~ZP408
ZO1465	nLuc-synYFP_R		CAACAAAATCTTCTAAAGTAAAAACCAT CTTGTACAATTCGTCCATAC	
ZO1464	pTet-synYFP_F	PCR YFP[TTG]-2CGA for ZP464 clone	ACTAAATTACCGGATCAATT ATGTCTAAGGGTGAAGAA	ZP408
ZO1468	2xArgCGA-synYFP_R		CAACAAAATCTTCTAAAGTAAAAACCAT TCGTCG CTTGTACAATTCGTCCATAC	
ZO1464	pTet-synYFP_F	PCR YFP[TTG]-3CGA for ZP465 clone	ACTAAATTACCGGATCAATT ATGTCTAAGGGTGAAGAA	ZP408
ZO1469	3xArgCGA-synYFP_R		CAACAAAATCTTCTAAAGTAAAAACCAT TCGTCGTCG CTTGTACAATTCGTCCATAC	
ZO1464	pTet-synYFP_F	PCR YFP[TTG]-4CGA for ZP466 clone	ACTAAATTACCGGATCAATT ATGTCTAAGGGTGAAGAA	ZP408

ZO1470	4xArgCGA-synYFP_R	PCR YFP[TTG]-4CGA for ZP408 clone	CAACAAAATCTTCTAAAGTAAAAACCAT TCGTCGTCGTCG CTTGTACAATTCGTCCATAC	ZP408
ZO1464	pTet-synYFP_F	PCR YFP[TTG]-5CGA for ZP467 clone	ACTAAATTACCGGATCAATT ATGTCTAAGGGTGAAGAA	ZP408
ZO1471	5xArgCGA-synYFP_R		CAACAAAATCTTCTAAAGTAAAAACCAT TCGTCGTCGTCGTCG CTTGTACAATTCGTCCATAC	
ZO1464	pTet-synYFP_F	PCR YFP[TTG]-6CGA for ZP468 clone	ACTAAATTACCGGATCAATT ATGTCTAAGGGTGAAGAA	ZP408
ZO1472	6xArgCGA-synYFP_R		CAACAAAATCTTCTAAAGTAAAAACCAT TCGTCGTCGTCGTCGTCG CTTGTACAATTCGTCCATAC	
ZO1464	pTet-synYFP_F	PCR 5'part of YFP[1-7CTT] for ZP616 clone	ACTAAATTACCGGATCAATT ATGTCTAAGGGTGAAGAA	ZP434
ZO1543	LeuYFP-07_R		CCGTAACCCAAAGTAGTAACAAGAGT	
ZO1542	LeuYFP-07_F	PCR 3'part of YFP[1-7CTT] for ZP616 clone	ACTCTTGTTACTACTTTGGGTACGG	ZP436
ZO1465	nLuc-synYFP_R		CAACAAAATCTTCTAAAGTAAAAACCAT CTTGTACAATTCGTCCATAC	
ZO1464	pTet-synYFP_F	PCR 5'part of YFP[1-8CTT] for ZP632 clone	ACTAAATTACCGGATCAATT ATGTCTAAGGGTGAAGAA	ZP434
ZO1650	LeuYFP-08_R V2		GCGAAACACATCAAACCGTAACC	
ZO1544	LeuYFP-08_F	PCR 3'part of YFP[1-8CTT] for ZP632 clone	ACTCTTGTTACTACTCTTGGTTACGG	ZP436
ZO1465	nLuc-synYFP_R		CAACAAAATCTTCTAAAGTAAAAACCAT CTTGTACAATTCGTCCATAC	
ZO1464	pTet-synYFP_F	PCR 5'part of YFP[1-9CTT] for ZP617 clone	ACTAAATTACCGGATCAATT ATGTCTAAGGGTGAAGAA	ZP434
ZO1560	LeuYFP-09_R		GGCATAGCAGACTTGAAGAAGTCG	
ZO1559	LeuYFP-09_F	PCR 3'part of YFP[1-9CTT] for ZP617 clone	CGACTTCTCAAGTCTGCTATGCC	ZP436
ZO1465	nLuc-synYFP_R		CAACAAAATCTTCTAAAGTAAAAACCAT CTTGTACAATTCGTCCATAC	
ZO1464	pTet-synYFP_F	PCR 5'part of YFP[1-10CTT] for ZP513 clone	ACTAAATTACCGGATCAATT ATGTCTAAGGGTGAAGAA	ZP434
ZO1486	FirstHalfYFP_R		CCGTCTTCCTTGAAGTCGATACCC	
ZO1487	SecondHalfYFP_F	PCR 3'part of YFP[1-10CTT] for ZP513 clone	GGGTATCGACTTCAAGGAAGACGG	ZP436
ZO1465	nLuc-synYFP_R		CAACAAAATCTTCTAAAGTAAAAACCAT CTTGTACAATTCGTCCATAC	
ZO1464	pTet-synYFP_F	PCR 5'part of YFP[11-20CTT] for ZP515 clone	ACTAAATTACCGGATCAATT ATGTCTAAGGGTGAAGAA	ZP436
ZO1486	FirstHalfYFP_R		CCGTCTTCCTTGAAGTCGATACCC	
ZO1487	SecondHalfYFP_F	PCR 3'part of YFP[11-20CTT] for ZP515 clone	GGGTATCGACTTCAAGGAAGACGG	ZP434
ZO1465	nLuc-synYFP_R		CAACAAAATCTTCTAAAGTAAAAACCAT CTTGTACAATTCGTCCATAC	
ZO1464	pTet-synYFP_F	PCR 5'part of YFP[7,8CTT] for ZP634 clone	ACTAAATTACCGGATCAATT ATGTCTAAGGGTGAAGAA	ZP436
ZO1652	LeuYFP[7,8 CTT]_R		AGTTGGCCATGGAAC TGG	
ZO1651	LeuYFP[7,8 CTT]_F	PCR 3'part of YFP[7,8CTT] for ZP634 clone	CCAGTTCCATGGCCAAC T	ZP632
ZO1465	nLuc-synYFP_R		CAACAAAATCTTCTAAAGTAAAAACCAT CTTGTACAATTCGTCCATAC	
ZO1464	pTet-synYFP_F	PCR 5'part of YFP[8CTT] for ZP635 clone	ACTAAATTACCGGATCAATT ATGTCTAAGGGTGAAGAA	ZP436
ZO1654	LeuYFP[8 CTT]_R		ACCGTAACCAAGAGTAGTAAC	
ZO1653	LeuYFP[8 CTT]_F	PCR 3'part of YFP[8CTT] for ZP635 clone	GTTACTACTCTTGGTTACGGT	ZP632
ZO1465	nLuc-synYFP_R		CAACAAAATCTTCTAAAGTAAAAACCAT CTTGTACAATTCGTCCATAC	
ZO1464	pTet-synYFP_F	PCR 5'part of YFP[7,8CTT](T62 mutated) for ZP634	ACTAAATTACCGGATCAATT ATGTCTAAGGGTGAAGAA	ZP634
ZO1679	YFP point mutation (ACT to GGT)		CAAACCGTAACCAAGAGTTGTAAC	
ZO1678	YFP point mutation (ACT to GGT)	PCR 3'part of YFP[7,8CTT](T62 mutated) for ZP634	GTTACAAC TCTTGGTTACGGTTTG	ZP634
ZO1465	nLuc-synYFP_R		CAACAAAATCTTCTAAAGTAAAAACCAT CTTGTACAATTCGTCCATAC	

ZO1464	pTet-synYFP_F	PCR 5'part of YFP[7,8CTT](G65 mutated) for ZP634	ACTAAATTACCGGATCAATT ATGTCTAAGGGTGAAGAA	ZP634
ZO1681	YFP point mutation (GGT to GGT)		CAAACCGTAGCCAAGAGTAGTAAC	
ZO1680	YFP point mutation (GGT to GGT)	PCR 3'part of YFP[7,8CTT](G65 mutated) for ZP634	GTTACTACTCTTGGCTACGGTTTG	ZP634
ZO1465	nLuc-synYFP_R		CAACAAAATCTTCTAAAGTAAAAACCAT CTTGTACAATTCGTCCATAC	
ZO1464	pTet-synYFP_F	PCR 5'part of YFP[7,8CTT](T62, G65 mutated) for ZP634	ACTAAATTACCGGATCAATT ATGTCTAAGGGTGAAGAA	ZP634
ZO1683	YFP point mutation (ACT to ACT)		CAAACCGTAGCCAAGAGTTGTAAC	
ZO1682	YFP point mutation (ACT to ACT)	PCR 3'part of YFP[7,8CTT](T62, G65 mutated) for ZP634	GTTACAACCTCTTGGCTACGGTTTG	ZP634
ZO1465	nLuc-synYFP_R		CAACAAAATCTTCTAAAGTAAAAACCAT CTTGTACAATTCGTCCATAC	
ZO1493	pTet-miRFP_F	PCR miRFP for ZP530/ZP531	ACTAAATTACCGGATCAATT ATGGTAGCAGGCCATGCAAG	ZP317
ZO1494	synYFP_miRFP_R		TTCTTCACCCTTAGACAT GCTTTCAGAGCTGTAATCC	