

Table S1: Oligonucleotides used in this study

Construct	Oligo Name	Sequence
A1_pJOG130	JS946_pEGG_aatg_F JS650-pEGG_R	tttGCGGCCGCaatgTgagaccATTAGGCACCCCAGGCTT tttgcgcgccaageTGAGACCGTCGACCTGCAGACTGGC
A2_pJOG131	JS946_pEGG_aatg_F JS963_ccdB_R	tttGCGGCCGCaatgTgagaccATTAGGCACCCCAGGCTT tttgcgcgccccgaaTGAGACCGTCGACCTGCAGACTGGC
A3_pJOG387	JG95_attR1_GW_F JG159_GW-CDS1_R	TTTgaagacAAaatgACAAGTTTGTACAAAAAAGCTG TTTgaagacAAaagcACCACCTTTGTACAAGAAAGCTG
A4_pJOG267	JG95_attR1_GW_F JG96_attR2_GW_R	TTTgaagacAAaatgACAAGTTTGTACAAAAAAGCTG TTTgaagacAAcgaACCACCTTTGTACAAGAAAGCTG
A5_pJOG562	JG258_GW_BsaI_F JG259_GW_BsaI_R	TTTggtctcAaggacACAAGTTTGTACAAAAAAGCTG TTTggtctcAcgaaACCACCTTTGTACAAGAAAGCTG
A6_pJOG417	JS1143_BsaI_bla_SDM_F JS1144_BsaI_bla_SDM_R JS1145_BsaI_pGAD_SDM_F JS1146_BsaI_pGAD_SDM_R JS1170_lacZ_Y2Hvec_CDS1F JS1171_lacZ_pGAD_CDS1R	GCCGGTGAGCGTGGaTCTCGCGGTATCAT ATGATACCGCGAGAtCCACGCTCACCGGC TAATACCTTCGTTGaTCTCCCTAACATGT ACATGTTAGGGAGAtCAACGAAGGTATTA tttgaagacaaAATTaatgtgagaccAGACGGTCACAGCTTGTC tttGAAGACTTcgaAAGCtgagaccGCTGGCACGACAGGTTTC
A7_pJOG418	JS1147_BsaI_pGBK_SDM_F JS1148_BsaI_pGBK_SDM_R JS1149_BsaI_pGBK2_SDM_F JS1150_BsaI_pGBK2_SDM_R JS1163_BsaI_pGBK3_SDM_F JS1164_BsaI_pGBK3_SDM_R JS1170_lacZ_Y2Hvec_CDS1F JS1172_lacZ_pGBK_CDS1R	AAAACCAAAAGGTCcCCGCTGACTAGGGC GCCCTAGTCAGCGGgGACCTTTTGGTTTT AATACCTTCGTTGGaCTCCCTAACATGTA TACATGTTAGGGAGtCCAACGAAGGTAT ATTGGCCCCAATGGaGTCTCGGTGGGGTA TACCCACCGAGACtCATTGGGGCCAAT tttgaagacaaAATTaatgtgagaccAGACGGTCACAGCTTGTC tttGAAGACTTgatcAAGCtgagaccGCTGGCACGACAGGTTTC
A8_pCK011	JS1407_ccdB for Y2HCDS1ns JS1408_ccdB for Y2HCDS1ns	tttgaagacATATgtagaccGACTGGCTGTGTATAAGGG tttgaagacATAagcTCACGAAtgagaccTGAGACGTTGATCGGCACG
A9_pCK012	JS1407_ccdB for Y2HCDS1ns JS1408_ccdB for Y2HCDS1ns	tttgaagacATATgtagaccGACTGGCTGTGTATAAGGG tttgaagacATAagcTCACGAAtgagaccTGAGACGTTGATCGGCACG
A10_pCK013	JS761_AvrRps4_AATT_F JS762_AvrRps4_TATG_R JS763_TATG_BsaI_ccdB JS764_ccdB-BsaI-GGTG-R JS1180_pBRM-AvrRps4-F JS1181_pBRM-AvrRps4-R JS1194_pBRM-Avr-SDM JS1195_pBRM-Avr-SDM	tttggtctcaattATGACTCGAATTTCAACCAG tttggtctcaCATagcACCTCCACCCAATAGGGAT tttatgagagaccTGAGACGTTGATC ttcacctgagaccGACTGGCTGTGTAT TTGGGTGGAGGTgcaATGagagaccTGAG CTCAggtctctCATtgcACCTCCACCCAA AGCCAGTCggtctcagCfTaacaaaagtgtattc gaaatcaacttttgtAaGctgagaccGACTGGCT
A11_pCK014	JS1196_pBRM-Avr-SDM JS1197_pBRM-Avr-SDM	ACAGCCAGTCggtctcaTTCggaacaaaagtgtattct agaaatcaactttgttccGAAtgagaccGACTGGCTGT
A12_pCK015	JS765_AvrRpt2_AATT_F JS766_AvrRpt2_TATG_R JS763_TATG_BsaI_ccdB JS764_ccdB-BsaI-GGTG-R JS1178_pBRM-AvrRpt2-F JS1179_pBRM-AvrRpt2-R JS1194_pBRM-Avr-SDM JS1195_pBRM-Avr-SDM	tttggtctcaattATGAAAAATTGCTCCAGTTGC tttggtctcaCATagaccaccGGTGGAAATCGGAAGCCACG tttatgagagaccTGAGACGTTGATC ttcacctgagaccGACTGGCTGTGTAT TCCACCggtgctcaATGagagaccTGAG CTCAggtctctCATtgaccaccGGTGGAA AGCCAGTCggtctcagCfTaacaaaagtgtattc gaaatcaacttttgtAaGctgagaccGACTGGCT
B1_pCK016	JS1196_pBRM-Avr-SDM JS1197_pBRM-Avr-SDM	ACAGCCAGTCggtctcaTTCggaacaaaagtgtattct agaaatcaactttgttccGAAtgagaccGACTGGCTGT
B2_pTRV2-GG	JS1300_TRV5'_F JS1301_TRV5'_R JS1302_TRV3'_F JS1303_TRV3'_R	tttggtctcaattAAGCTTGCATGCCTGCAGG tttggtctcacataAGAATTCGGTAACCTTACTC tttggtctcaggtgGGCCCCGGCATGTCCCCGA tttggtctcaagcGTGGTGGTGGTGGTGGCT
B3_pTEI036	TI195-LexA_35Smini as Pro+5U-F TI196-LexA_35Smini as Pro+5U-R	tttgaagacatggagAGCTTGGGCTGCAGGTCCG tttgaagacatcatTAGAGTCGACTAGCTTCAG
B4_pTEI042	JS1339_GAl4_F JS1375_Gal4EBE-R	tttgaagacaaggAGCTTGCATGCCGGTCCGAC tttgaagacatCATtGGCTAGAGTCGACTAGCTTC
B5_pJOG644	JS1339_GAl4_F JS1340_GAl4_R	tttgaagacaaggAGCTTGCATGCCGGTCCGAC tttgaagacaatGGCTAGAGTCGACTAGCTTC
B6_pTEI038	TI189-pG10-90 as Pro+5U-F TI190-pG10-90 as Pro+5U-R	tttgaagacatggagATAGTTTAACTGAAGGCGGG tttgaagacatcatTCCGCCCGGAATTGGGG
B7_pJOG640	JS1352_35Sf JS1353_35Sr	tttgaagacaaGGAGGAATTCGAATCCCAC tttgaagacaaATgTATCGATAATTGTAATG
B8_pJOG684	JS1367.2_pAtUbi-F1 JS1368.2_pAtUbi-R1 JS1369.2_pAtUbi-F2 JS1370.2_pAtUbi-R2	tttgaagacatGGAGTGGGACCCACGGTTCA tttgaagacatGACTTCGATCTAAGATTAACAG tttgaagacatAGTCGATTTTCTGGGTTTGATC tttgaagacatCATTGTTAATCAGAAAACTCAG
B9_pJOG603	JS1204_Pro5U_Bs3_F JS1205_Pro5U_Bs3_R	tttgaagacaaggAGCAGCATTAAGGCACATCA tttgaagacaaCATtAAATATATGTGCAACTAGGACT
B10_pTEI044	JS1304_pRPS5a_F	tttgaagacaaggagCTCAACTTTTGATTCC

TI203-pRPS5a as Pro+5Uf-R		
B11_pJOG301	JS1074_pDD45_F JS1075_pDD45_R	tttGAAGACAaggagAATGGTTATAATATATAGC tttgaagacaaCATTATCTCTCTTTTGGG
B12_pAGM28521	Ec1p1 Ec1p2 Ec1p3 Ec1p4 Ec1p5 Ec1p6 Ec1p7	tt gaagac aa ggagcatttgcgttggttatcattgcg tt gaagac aa ggacacgaaggtttaacgtcgtgttacag tt gaagac aa gtccaataggagcgctactgattc tt gaagac aa tagcttagtggtgattaaagagtaataaaaag tt gaagac aa gctagtaacgcctatcatgaattagctc tt gaagac aa catttctcaacagattgataaggctg tt gaagac aa cattattcttcttttggggttttgtttg
C1_pJOG299	JS1068_pAP1_F JS1069-pAP1_R	tttGAAGACaaGgaGAAAACACCAAATAAGAGAAG tttgaagacaaCATTITTTGATCCTTTTTTAAG
C2_pJOG298	JS1055_Pro_ICU2_F JS1056_Pro_ICU2_R	tttgaagacTTGgaGTTAATAGATGTTTAGTTTTTAT tttgaagacaaCATTITTTACAAATCCGGTCAA
C3_pJOG295	JS1058_GILT1_UR JS1059_GILT1_UR JS1060_GILT2_UR JS1061_GILT2_R	tttGAAGAcaaggagATGTCGCCTTAAAAAATGAATC tttgaagacaaaCTCTTTTATTCGATTTTGTC tttgaagacaaGAGtCCTCACGTGAAAATGTTAC tttgaagacaaCATTGTTACTAAAAGAGTTTAAG
C4_pJOG300	JS1070_pAlbumin1_F JS1071_pAlbumin1_R JS1072_pAlbumin2_F JS1073_pAlbumin2_R	tttGAAGACAaggaGAAACTGGTTCATCACCC tttgaagacaaAGtCCTCCAAAAACGAAAAGAAAATTA tttgaagacaaGaCTCTTAGCCCTCAACTGAAAT tttgaagacaaCATtCCGGAATATGGTTATA
C5_pJOG025	JG5_pAT_EDS1_1-1F JG6_pAT_EDS1_1-1R JG7_pAT_EDS1_1-2F JG8_pAT_EDS1_1-2R JG23_AtEDS1prom_sdm_1f JG24_AtEDS1prom_sdm_1r JG25_AtEDS1prom_sdm_2f JG26_AtEDS1prom_sdm_2r	tttgaagacaaGGAGAGCTGTCTACATGAATCGAATC tttgaagacaaCgTCGTCTCTTAAATATAGACTCCA tttgaagacaaGAcGACTCCAAAGTCAAGTCAAA aaagaagacaacattGATCTATATCTATTCTCTTTTCTT TTCTTCTATACGAGtCCAAATCTGAAAAC GTTTTCAGATTTGGaCTCGTATAGAAGAA TTGCATTGAAATGGaCTCATGATGGGGTAT ATACCCCATCATGAGtCCATTTCAATGCAA
C6_pJOG123	JG5_pAT_EDS1_1-1F JG71_pAT_EDS1_1-2R	tttgaagacaaGGAGAGCTGTCTACATGAATCGAATC aaagaagacaaatggGATCTATATCTATTCTCTTTTC
C7_pJOG026	JG09_pAT_PAD4_1-1F JG10_pAT_PAD4_1-1R JG11_pAT_PAD4_1-2F JG12_pAT_PAD4_1-2R	tttgaagacaaGGAGAGCAATTACAAGATTGCTTTA tttgaagacaaCcTCTTCAAAGTCTTACTTTAACATC tttgaagacaaGAgGACGACTTAGCAAAGACCAAAACC aaagaagacaacattATTGGATATCGAGTAGAGAGTTGCAGAAC
C8_pJOG124	JG09_pAT_PAD4_1-1F JG72_pAT_PAD4_1-2R	tttgaagacaaGGAGAGCAATTACAAGATTGCTTTA aaagaagacaacattggATTGGATATCGAGTAGAGAG
C9_pJOG466	JS1185_pAtSAG101-F JS1186_pAtSAG101-P5U-R	tttgaagacaaggagTGACGATGGTTGTTAAACGA tttgaagacaaCATtGCGTGAGCTGGAATAGATCTGTGGAcAAGACAATAC
C10_pJOG467	JS1185_pAtSAG101-F JS1187_pAtSAG101-P5Uf-R	tttgaagacaaggagTGACGATGGTTGTTAAACGA tttgaagacaaATgGCGTGAGCTGGAATAGATCTGTGGAcAAGACAATAC
C11_pJOG010	JG1_pPR1-1_F JG2_pPR1-1_R JG3_pPR1-2_F JG4_pPR1-2_R	tttgaagacaaggagTTCATGCTAAACTATTTCTCG tttgaagacaaGTCaTCTATTCAAATTTGAAT tttgaagacaatGACTTAAATTAGAATCATGAAG tttgaagacaacattTTTCTAAGTTGATAATGGTTAT
C12_pJOG648	JS1333_AtS3Pro-F JS1334_AtS3Pro-R	tttGAAGACATGGaGAAGATAAAATTTGCGAGTC tttGAAGACAACATTTTTGCTATTTGTGTATGTTTTCTTG
D1_pTEI067	TI218_CER6_b_F TI219_CER6_b_R	tttgaagacatGaCTCTTCATTAACCTCCTCTC tttgaagacatCATtGTCGGAGAGTTTTAATGTATA
D2_pTEI068	TI210_CUE1_F TI211_CUE1_R	tttgaagacatGGAGTACGTAACCTCTGTG tttgaagacatCATtGTTGAGATCTGGAATCAGAAG
D3_pTEI069	TI212_BDG_F TI213_BDG_R	tttgaagacatgGAGAGAATGGTATGTTGAGTAAAG tttgaagacatCATtCTGTGGAGTTTGTGCTTTGTGeAAG
D4_pTEI070	TI214_GC1_F TI215_GC1_R	tttgaagacatggAGGAATTGACGATGTAGAATTGTAG tttgaagacatCATtTTTCTTGAGTAGTATTTTGAAG
D5_pTEI071	TI222_CAB3_Fa TI223_CAB3_Ra TI224_CAB3_F_b TI225_CAB3_R_b	tttgaagacatgGAgTCTGAAGCTCGTAACATTGGC tttgaagacatAGtCCACATGTTGCAAGTCTTTTGG tttgaagacatGaCTCGAAATGCTTTGGCTGC tttgaagacatCATTGAAACTTTTTGTGTTTTTTTTTTTTTTTTTTGGTG
D6_pTEI073	TI220_ATML12_F TI221_ATML12_R	tttgaagacatGGagCACGTTGTATCCATGAAGCT tttgaagacatCATTTTCAGGGAGAGAAATTGG
D7_pCK019	JS1438_pEXP7_F JS1439_pEXP7_R	tttgaagacatggagCTTTGCTTTCTCCGGTTC tttgaagacatCATtctagctctttttttattc
D8_pCK020	JS1440_Wox5-F JS1441_Wox5-R	tttgaagacatGgaGtaaggctagacaacgtcc tttgaagacatCATTgttcagatgtaaacctcc
D9_pCK021	JS1448_pSOMBR-F1 JS1449_pSOMBR-R1 JS1450_pSOMBR-F2 JS1451_pSOMBR-R2 JS1452_pSOMBR-F3 JS1453_pSOMBR-R3	tttgaagacatggagTCGTTGAAGATGCCTGGA tttgaagacatAcACGTCATGCATTAACACC tttgaagacatGTgTTCGTGAAGGCAACGGCA tttgaagacatGtAGACAATGAAAGAGAGAGA tttgaagacatCTaCTACCTCTTGCTCTAACAG tttgaagacatCATTATCCTTACTCTCTTTAAGC
D10_pAGM1761	Dmc1 Dmc2 Dmc3	ttt gaagac aa ggagctatgagattactcgtgtatc ttt gaagac aa gaccaacaatggctaacaatggc ttt gaagac aa ggctatcatttctatgctttgattacatg

	Dmc4	tft gaagac aa gacacctgatcaagttcaagtttaatttg
	Dmc5	tft gaagac aa tgcacaatatatacaatttcgaggg
	Dmc6	tft gaagac aa agtagctcgatttgctctcgaggg
D11_pJOG020	JS834_Parsleyubq4-2_F JS835_Parsleyubq4-2_R	tttGAAGACTTggagATTACGGATATGAATATAGGC tttGAAGACTTcattGCTGCACATACATAACATATC
D12_pJOG575	JS834_Parsleyubq4-2_F JS1252_PcUbi_R	tttGAAGACTTggagATTACGGATATGAATATAGGC tttgaagacaaATGGCTGCACATACATAACATATC
E1_pJOG022	JS856_UBI_F JS857_UBI_R	tttGAAGACTtGAGGgtcgtgccctctctag AAAGAAGACaaCATTctgcagaagtaacaccaaac
E2_pJOG213	JS826_promSIEDS1-1_F JG87_promSIEDS1_R	TTTgaagacAAaggagTCTGATATGATCGGAATGATAAG TTTgaagacAAcattTTTTGCTTCTAGCTGCTTA
E3_pJOG004	JS826_promSIEDS1-1_F JS827_promSIEDS1-1_R JS828_promSIEDS2-1_F JS829_promSIEDS2-1_R	TTTgaagacAAaggagTCTGATATGATCGGAATGATAAG tttGAAGACaaCgTCCATAAGAACAAGAACAAGAG tttGAAGACaaGAcGACATAAAGATGCAAGTG TTTgaagacAAatggTTTTGCTTCTTAGCTGCTTA
E4_pJOG535	JS1204_Pro5U_Bs3_F JS1205_Pro5U_Bs3_R	tttgaagacaaggAGCAGCATTAAAGGCACATCA tttgaagacaaCATtAAATATATGTGCAACTAGGACT
E5_pJOG577	JS1204_Pro5U_Bs3_F JS1253_pBs3_R	tttgaagacaaggAGCAGCATTAAAGGCACATCA ttgaagacaaATggTAAATATATGTGCAACTAGGAC
E6_pJOG638	JS1323_SDMpBs3_F JS1324_SDMpBs3_R	TTATTATATAAACCGAACCATCTCTACAA TTGTGAGGATGGTtCGGTTTATATAATAA
E7_pJOG639	JS1323_SDMpBs3_F JS1324_SDMpBs3_R	TTATTATATAAACCGAACCATCTCTACAA TTGTGAGGATGGTtCGGTTTATATAATAA
E8_pJOG170	JS965_FP_Bpil_NT1_F JS966_FP_Bpil_NT1_R	tttgaagacaaccATGGTGAGCAAGGGCGAGG tttgaagacAAcattgcagatTTGTACAGCTCGTCCATGC
E9_pJOG176	JS969_FP_Bpil_CT_F JS968_FP_Bpil_CDS1_R	tttgaagacaattcggtGTGAGCAAGGGCGAGGAGC tttgaagacAAaagTCATTGTACAGCTCGTCCATGC
E10_pJOG169	JS965_FP_Bpil_NT1_F JS966_FP_Bpil_NT1_R	tttgaagacaaccATGGTGAGCAAGGGCGAGG tttgaagacAAcattgcagatTTGTACAGCTCGTCCATGC
E11_pJOG175	JS969_FP_Bpil_CT_F JS968_FP_Bpil_CDS1_R	tttgaagacaattcggtGTGAGCAAGGGCGAGGAGC tttgaagacAAaagTCATTGTACAGCTCGTCCATGC
E12_pJOG168	JS965_FP_Bpil_NT1_F JS966_FP_Bpil_NT1_R	tttgaagacaaccATGGTGAGCAAGGGCGAGG tttgaagacAAcattgcagatTTGTACAGCTCGTCCATGC
F1_pJOG174	JS969_FP_Bpil_CT_F JS968_FP_Bpil_CDS1_R	tttgaagacaattcggtGTGAGCAAGGGCGAGGAGC tttgaagacAAaagTCATTGTACAGCTCGTCCATGC
F2_pJOG142	JG79_YFP-NES/NLS_CT_F JG80_YFP-NES_CT_R	tttgaagacaattCGgctATGGTGAGCAAGGGCGAG tttgaagacaaaagccttaaatcaagacctgcaagtttgaagacaagCTTGTACAGCTCGTCCAT GCCG
F3_pJOG143	JG79_YFP-NES/NLS_CT_F JG81_YFP-NLS_CT_R	tttgaagacaattCGgctATGGTGAGCAAGGGCGAG tttgaagacaaaagccttaAACCTTTCTCTTCTTCTTAGG
F4_pJOG140	JG77_NES_NT1_F JG78_NES_NT1_R	ccATGGCTTCTcttctctcaaaccttcaggtcttgattAGCgc CATTgcGCTaatatcaagacctgcaagtttgagacaagAGAAGCC
F5_pJOG141	JG75_NLS_NT1_F JG76_NLS_NT1_R	ccATGGCTAGCCCACCGAAGAAGAAGCGGAAGTCAAGCgc CATTgcGCTGACCTTCCGCTTCTTCTTCCGTTGGGCTAGCC
F6_pJOG824	JS1513_NLS-F JS1514_NLS-R	fTCGgctcagccCCTAAGAAGAAGAGAAAGGTTGA aagcTCAAACCTTTCTCTTCTTCTTAGGgctcagc
F7_pAGM16456	Primu1 Primu11 Primu20 Primu22	tt ggtctc a ACAT ccatgggcagccatcaccaccatcacc tt ggtctc a ACAA catcccgtgctgatgggtgctgctgctg tt ggtctc a ACAT gatgtcacaactcccactctagagcgcttgac tt ggtctc a ACAA catt ccgtcagctgcaagcgcctctagaggtgg
F8_pAGM16467	Primu1 Primu11 Primu21 Primu23	tt ggtctc a ACAT ccatgggcagccatcaccaccatcacc tt ggtctc a ACAA catcccgtgctgatgggtgctgctgctg tt ggtctc a ACAT gatgtcagactgaagcttgcctgctgctgac tt ggtctc a ACAA catt ccgtgctgctgagccagcaagcttc
F9_pAGM16418	Primu1 Primu2 Primu16 Primu17 Primu5 Primu6	tt ggtctc a ACAT ccatgggcagccatcaccaccatcacc tt ggtctc a ACAA tccgctgctgatgggtgctgctgctg tt ggtctc a ACAT cggactacaactcccactctagagcgcttgac tt ggtctc a ACAA catcccgtcagctgcaagcgcctctagaggtgg tt ggtctc a ACAT gatggtagcaagggcgagga tt ggtctc a ACAA cattgaacctgtacagctgctccatg
F10_pAGM16429	Primu1 Primu2 Primu18 Primu19 Primu5 Primu6	tt ggtctc a ACAT ccatgggcagccatcaccaccatcacc tt ggtctc a ACAA tccgctgctgatgggtgctgctgctg tt ggtctc a ACAT cggactagcactgaagcttgcctgctgac tt ggtctc a ACAA catcccgtgctgctgagccagcaagcttc tt ggtctc a ACAT gatggtagcaagggcgagga tt ggtctc a ACAA cattgaacctgtacagctgctccatg
F11_pJOG642	JS1341_HAtag_F JS1342_HAtag_R JS1343_tagRFP-F JS1344_tagRFP-R JS1345_tagRFP2-F JS1346_tagRFP2-R	tttgaagacaaCCATGTACCCATACGATGT tttgaagacaaACAGCAGCTCTAGTGGCGT tttgaagacaactGTGTCTAAGGGCGAAGAGC tttgaagacaaCcTCGTATGTGGTGACTCTC tttgaagacaaGAgGACGGGGCGGTGCTGAC tttgaagacaaCATtgcagcagaCTTGTACAGCTCGTCCATG
F12_pJOG317	JS1080_1Strep_F JS1081_1Strep_CT_R	tttgaagacaacgctTCTGCTTGGTACACCCAC tttgaagacaaaagcTATTTTTCAAATTGAGGATG

	JS1082_4xmyc_CT1_F	tftgaagacaaTTCGGAACAAAAGTTGATC
	JS1083_4xmyc_R	tftgaagacaaaagcggcAAGGTCTCTTCAGAAATAAG
G1_pJOG331	JS1078_6xHA_CT1_F	tftgaagacaaTTCGTACCCATACGATGTTTC
	JS1079_6xHA_R	tftgaagacaaaagcGGCGTAATCTGGAACGTC
	JS1080_1Strep_F	tftgaagacaaacgtTCTGCTTGGTCACACCCAC
	JS1081_1Strep_CT_R	tftgaagacaaaagcTATTTTTCAAAATTGAGGATG
G2_pJOG658	JS1341_HAtag_F	tftgaagacaaCCATGTACCCATACGATGT
	JS1342_HAtag_R	tftgaagacaaACAGCAGCTCTAGTGGCGT
	JS1362_LUC-F	tftgaagacaactgtgtctgctGAGGACGCCAAAAACATAAAG
	JS1363_LUC-R	tftgaagacaaCATtgcggcactagcCAATTTGGACTTCCGCC
G3_pJOG659	JS1356_REN-F	tftgaagacaatTCGgctACTTCGAAAAGTTTATGATC
	JS1357_REN5pr-R	tftgaagacaaAGcCTTTTACTTTGACAAATTC
	JS1358_REN3pr-F	tftgaagacaaGcTTCATTTTTTCGCAAGAAG
	JS1359_REN3pr-R	tftgaagacaagcagaTTGTTTCAATTTTTGAGAAGCTC
	JS1360_3xHA-F	tftgaagacaactgctgccTACCCATACGATGTTCCCTG
	JS1361_3xHA-R	tftgaagacaaaagctagcAGCGTAATCTGGAACGTC
G4_pJOG643	JS1349_GR-F	tftgaagacaaccATGATTCAGCAAGCCACTGC
	JS1350_GR-R	tftgaagacaaCATtgcggcagaagcTTTTTGTATGAAACAGAAGCTT
G5_pCK032	JS1454_GRasCT-F	tftgaagacatTTCGgctgcaTCTGCTATTTCAGCAAGCCACTGC
	JS1455_GRasCT-R	tftgaagacTAaagcTCATTTTTGATGAAACAGAAGCTT
G6_pTEI037	JS1349_GR-F	tftgaagacaaccATGATTCAGCAAGCCACTGC
	TI201-GR as NT1-R	tftgaagacaagcagaagcTTTTTGTATGAAACAGAAGC
G7_pTEI041	TI199-ER as NT1 PCR-F	tftgaagacatccATGTCTGCTGGAGACATG
	TI200-ER as NT1 PCR-R	tftgaagacaaCATtgcggcagaagcGACTGTGGCAGGGAAACC
	TI205-SDM-XVE-F	TCCTGATGATTGGcCTCGTCTGGCGCT
	TI206-SDM-XVE-R	AGCGCCAGACGAGgCCAATCATCAGGA
G8_pCK025	JS1446_ERasCT1-R	tftgaagacatAAGCCTAGACTGTGGCAGGGAAAC
	JS1447_ERasCT1-F	tftgaagacatTcggctccaTCTGCTGGAGACATGAGAG
G9_pAGM16841	Stonos1	tt gaagac aa CTCA ttcgtagtcaagcagatcgtcaaac
	Stonos3	tt gaagac aa CTCG agcgtcgatctagtaacatagatg
G10_pJOG173	JS967_FP_Bpil_CDS1_F	tftgaagacaaaATGGTGAGCAAGGGCGAGG
	JS968_FP_Bpil_CDS1_R	tftgaagacAAaagcTCATTTGTACAGCTCGTCCATGC
G11_pJOG172	JS967_FP_Bpil_CDS1_F	tftgaagacaaaATGGTGAGCAAGGGCGAGG
	JS968_FP_Bpil_CDS1_R	tftgaagacAAaagcTCATTTGTACAGCTCGTCCATGC
G12_pJOG171	JS967_FP_Bpil_CDS1_F	tftgaagacaaaATGGTGAGCAAGGGCGAGG
	JS968_FP_Bpil_CDS1_R	tftgaagacAAaagcTCATTTGTACAGCTCGTCCATGC
H1_pJOG021	JS860_hpt_F	TTTgaagacAAaATGAAAAAGCCTGAACTCAC
	JS861_hpt_R	TTTgaagacAAaagcCTATTCCTTTGCCCCGGA
H2_pJOG351	JS1092_nptII_L0_F	tftgaagacaaaATGATTGAACAAGATGGATTG
	JS1093_nptII_L0_R	tftgaagacaaaagcTCAGAAGAAGCTCGTCAAGAAG
H3_pJOG031	JS858_AvrRps4_CDS1ns_F	tttGAAGACaaAATGACTCGAATTTCAACCAG
	JS859_AvrRps4_CDS1ns_R	TTTgaagacAAcgaagcTTGGTTGATTCTGCGaTCTTCG
H4_pJOG536	JS1126_INTACT_NTF_F	tftgaagacaaaATGGATCATTTCAGCGAAAACCAC
	JS1127_INTACT_NTF_R	tftgaagacaaaagcctaAGATCCACCAGTATCCTC
H5_pJOG545	Assembly from TALE Kit	n/a
H6_pCK039	Assembly from TALE Kit	n/a
H7_pCK038	Assembly from TALE Kit;	
	JS1522_TALE-Cter-F	tftggtctcaacatTCGGCCCCGACCCTGCTTTAG
	JS1523_TALE-Cter-R	tftggtctcaacaacgaACCCTGTGGCAGTAACTCC
H8_pJOG641	JS1335_GVG_F	tftgaagacaaaATGGCAGATCCAATGAAGCTACTaTCTTC
	JS1336_GVG_R	tftgaagacaaaagcTCATTTTTGTATGAAACAGAAG
H9_pTEI039	TI191-XVE Teil1 as CDS1-F	tftgaagacataATGAAAAGCGTTAACGGC
	TI192-XVE Teil1 as CDS1-R	tftgaagactaGgGACCAATCATCAGGATCTC
	TI193-XVE Teil2 as CDS1-F	tftgaagacatTCcCGTCTGGCGCTCCATGGAG
	TI194-XVE Teil2 as CDS1-R	tftgaagacataagCTCAGACTGTGGCAGGGAA
H10_pCK026	JS1417_Bs3F	tftgaagacataATGATGAATCAGAATTGCTT
	JS1418_Bs3DR	tftgaagacatAcAGACCATCTCCCCCTTC
	JS1419_Bs3F2	tftgaagacatCTgTATGCAGTTGGATTTACAG
	JS1420_Bs3R2	tftgaagactaaagcCTACATTTGTCTTTCCAAATTTTGG
H11_pJOG822	JS967_FP_Bpil_CDS1_F	tftgaagacaaaATGGTGAGCAAGGGCGAGG
	JS1184_YFP-NLS-R	tftgaagacaaaagcTTATCCCTCAACCTTTTCTC
H12_pJOG587	JS1271_GUS_F	tftgaagacaaaagcTTACGTCTGTAGAAAACCC
	JS983_GUS_CDS1_R	tftgaagacaaaagcTCATTTGTTTGCCTCCCTGC
pJOG947	JS1649_GW_NT1-CDS1nsF	tftgaagacatctcaCCATACAAGTTTGTACAAAAAAGC
	JS1650_GW_NT1-CDS1nsR	tftgaagactactcgCgaAACCACTTTGTACAAGAAAAGCTG
pJOG956	JS1649_GW_NT1-CDS1nsF	tftgaagacatctcaCCATACAAGTTTGTACAAAAAAGC
	JS1651_GW_NT1-CDS1R	tftgaagactactcgaagcAACCACTTTGTACAAGAAAAGCTG