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S2 Table. Primers used in this study.

Primer Name	Primer Sequence (5' to 3')
OS383	GTTTTTGTACCCTAAGTTTAGTAATAGTATCAAGAGAAGAAGG
OS384	AGTCTCCGTTGGAGAATGGAGCTTAAAG
OS385	TCTCCAACCGGAGACTTTAATTAGTATTTAATAATAAATC
OS386	GATTATCAAAAAGGAGTTTCCATTACTTGCTCTAATAGAC
OS268	TTTTTTGTACCCTAAGTTTGCCATCCATGTATCCTATC
OS269	TTAATATATTTATATAATCACTCCCAAATATCATTATTC
OS271	AGATTATCAAAAAGGAGTTTTGTCAAATCTTGTAACCAAC
OS283	AGTGATTATAGAAAATTATAACAATAAGAGGAGC
OS387	GACTTTAAGCTCCATTCTCCAACAAT
OS137	GAACAATTCTTGAATATTGTATTGAACATTAAGA
OS109	GGAGATATATGGAGTTAGTGGTGCAA
OS111	CGCTCTACTATATCCATAGCATCTTT
OS388	AGTCTCCGTTGGAAAAGGGAAATTTTTTAAAAAG
OS389	TTTCCAACCGGAGACTTTAATTAGTATTTAATAATAAATC
OS390	CTTTTTAAAAATTTCCCTTTTCCAACAAT
OS391	CACCACTCCATTCAAAGGTATTTAATC
R1907	<u>CAGAGCTC</u> CTAGTACAAAGTATTTTATTTTGGAG
R1908	<u>GACGGATCC</u> CAGTACTTAATGTCAATATCTTGTATAG
R2689	<u>CAGAGCTC</u> CTATGGAGGAGATAAGTATATGGATTAAAGGCATCAATTAATGATG
R2690	<u>CAGGATCC</u> ATACTATTCCCAATTTAACATCC
R2754	ATGC <u>GAAATTC</u> ACTTTAATTAGTATTTAATAATAAATCTTAATG
R2342	ATGC <u>AGGATCC</u> CATTACCACTCCATTCAAAGG
R2337	ATGC <u>GAAATTC</u> GGTGAAATTTTGGCTTTTAAAGTAGCC
R2270	GGAGATATATGGAGTTAGTGGTGCAA
R2271	CTAGCCAATAGACAAGTTTCTAGAAAAATA
R2272	GAACAATTCTTGAATATTGTATTGAACATTAAGA
R850	CTAGCTGCTCCTATGTCTCACATC
R851	CCAGTCTCTCCTGGATCAACTA
R2918	CTCCTGAAATACTTGATGAACCAGAAGCTTAAGACCCACTTTTACATTTAAGTTG
R2919	GGTATATGATATGAAAGAGAGAGTCTCAAACAGTATCTCACTTATGGTACAACTTATATCC
R2914	CATTGATTTCTTTCAGTTTCGGATCCCTCCTGAAATACTTGATGAACCAGAAG
R2915	CAACTTAAATGTGAAAGTGGGTCTTAAGGTGAACTTTTGTTTCATGAGACACTC
R2916	GGATATAAGTTTGTACCATAAGTGAGATACTGTTTGAGACTCTCTTTTCATATCATATACC
R2917	GACGTCGACTCTAGAGGATCCTACATGCAATAACAGTACCTCAGGA
R2743	GTGTTATCAATTGCACTACTCATGG
R2744	GTTGAACCATTAGCTAAGGATTCAG
R2987	GTATGTTAGAAGTTGTTTCAGAAGGC
R2988	GTGGCTGAAGTAGTATCAGAAGC
R2298	AAGAAAAAGTTCGGGGATTTTTAGC
R2299	CGCTGAAAATTTAACACATTAGGA
R2537	GACAAGGATAATTGCC
R2538	CCATCACCATCAGTTAG

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R2539	GATAGATGACTGGGAG
R2540	CGATAAGTAGCATTCCC
R2745	CTTTTTTTGCTTTAAAATTAACAAAAATGTTGC
R2746	CTTTAAAAGCCAAAATTTACCTATCAATA
R2751	CTTAATGTTCAATACAATATTCAAGAATTG
R2803	GAAAATAAACATTATAATTTGTAATAATTATAAACTTGAG
R2804	CCAGTAAATTATACATTACACCACTCC
R2716	GTCTCTGATGTATATACATTAACC
R2273	TCATTACCAGGTGTAGCAGTGAATGC
R2274	GATAGAGCATGGTCCTTGAGCTTCT
R2792	GTCTAAAACATACGCTC
R2793	CCATAGCATCTTTAGCAGTCTCTGATGTATATA
R3171	ACCATATAAATCATATAAATC
R3172	ACTCAAACACTAGCCAATAGACAAGTTTCTAG

Restriction sites are underlined. Regions of homology for Gibson assembly are lowercase.