

## Additional File 3

### Supplementary Table 3: List of primers used

Code	Name	Sequence 5'- 3'
HM#16	sryaR4	TTGTGTGTCATGGATGTTCAATCTAATC
HM#17	Srya5UTR_F1	GTACTTAGTTGAAAAGTTCAGCTTTACCCG
HM#34	Ds_srya_GSP3	GGCATCCAGGCTAATGGTCCGCTCCAAGTG
HM#35	B2t_NcoI_F1	GCAACCATGGGATGCCAAGAGAGATGAGCAGG
HM#36	B2t_XbaI_R3	CGATTCTAGACATCTTAACCGACTGTCAAGGATC
HM#42	srya_GSP_F	GCCTCTCTGGCTCCGATTCCCCCTAATG
HM#73	hspEcoRIF2	GCGAATCTCCAGAACTCAAACAGAAACC
HM#74	hspEcoRIR	GCGAATCTTGTGTGTTGTGTTTGTGGATGCAG
HM#76	nos_GSPR	GAGTCTCTCTTGCCTGGAATGCCG
HM#77	nos_GSPF	GTACTGTCCCAAGAAGCCGATTATCAC
HM#94	nos3UTRXbaIF	GGTCTAGAGAACACATCCGGCAGGAGC
HM#95	nos3UTRAflIII R	ATACTTAAGACTGAGCTCCAAGCAGTGGTATCAACGCAGAG
HM#101	SpeI-atBF	CTAGTGTGAGGTGGAGTACGCGCCCGGGAGCCCAAGGGCACGCCCTGGCACCCGCAC
HM#102	BbsI-BbsI	CGGTCTTCGCGAAGAC
HM#113	BbsI_nosR	GCGAAGACCCATATGGCGAAAGTCCGGCTCGAAAGTTACC
HM#117	HM_Pub_R	CATTGGAATCTCTGTCGCTGCGTTCCG
HM#123	phi_nls_R	CTAGACCTTCCGCTTCTTCTTTGGGGCCGCCGCTACGTCTTCCGTGCCGTCCTG
HM#124	SV40_SpeI_R	CACACTAGTGATACATTGATGAGTTTGACAAACCACAAC
HM#131	PLF2	GTCAAATGACGCATGATTATCTTTTACG
HM#179	DsRed_End	CGAGGGCCGCCACCACCTGTTTCCTG
HM#203	NotI_phiC31_R	TCGCGGCCGCTAGACCTTCCGCTTCTTCTTTGG
HM#337	SpeI_attB_R	CTAGGTGCGGGTGCCAGGGCGTGCCCTTGGGCTCCCCGGGCGGTACTCCACCTCACA
HM#345	nosP_BbsI_F	CGGAAGACCGCGATTCTTTCAGTATCTCAAATCGCCCCGGAC
HM#368	attP220_Fwd	TCATCAATGTATCACTAGTACTGACGGACACACC
HM#369	attP220_Rev	CTGGCTGGGGAATCTGTACTAGTTCGCGCTCG
HM#469	SpeI_gypsy_F	GCTTACTAGTGATGGTCTCAAGCTTGTGAGATCGGC
HM#470	Apal_SV40_R	TTAGGGCCCCGCTTAAGATACATTGATGAGTTTGG
HM#560	FH_Cas9_HidIII_F	CATCAAGCTTACAAGTTCATCAAGCCCATCTGG
HM#561	FH_Cas9_XhoI_R	CATGCTCGAGATAGGTTTTTCAGCCGTTCTCTCGATC
HM#584	HM_EcoRI_TRE_F2	TACGAATTCGGCGCGCTAGGCCGGCCGAATTC
HM#706	HM_b2t_3UTR_F	CGAGGATCCTAGGATTAACCTTCCCACTCAAGATCACACATG
HM#707	HM_b2t_3UTR_R	GCCAAGCTTGTCTGCTTATAAATCAACATTTATTTCGTAACCC
mfs#370	AflIII-5pBac_F	AACTTAAGTTAACCCTAGAAAGATAGTCTGC
MK153	PhiC31_BsaI_F	ATGGTCTCACATGGACACGTACGCGGGTGCTTACGAC
T7	T7	TAATACGACTCACTATAGGG
CH6R	CH_3'PIClaI_2	CCATCGATGGAATGAACAGGACCTAACGC