

**S1 Table. The list of plasmid constructs.**

Plasmid names	Cloning sites	Vectors	Comments
pCSf107_Zbtb11_T	<i>Bam</i> HI, <i>Xba</i> I	pCSf107_mT	aa 1-1118 (full length); Zbtb11.S ( <i>X. laevis</i> ), XM_018249724
pCSf107_Venus-Zbtb11_T	<i>Bam</i> HI, <i>Xba</i> I	pCSf107_Venus_mT	Replaced pCSf107-Zbtb11_T
pCSf107_Venus-BTB_T	<i>Bam</i> HI, <i>Xba</i> I	pCSf107_Venus_mT	aa 1-580
pCSf107_Venus-ZF_T	<i>Bam</i> HI, <i>Xho</i> I	pCSf107_Venus_mT	aa 622-1118
pCSf107_Venus-NLS-BTB_T	<i>Bam</i> HI, <i>Sac</i> II	pCSf107_Venus-NLS_mT	Replaced pCSf107_Venus-BTB_T
pCSf107_Zbtb11-ATG-eGFP_T	<i>Bam</i> HI, <i>Xba</i> I	pCSf107_mcs2-eGFP-C2mT	<i>zbtb11</i> -MO target sequences ( <i>X. tropicalis</i> )
pCSf107_pax6_T	<i>Sfu</i> I, <i>Not</i> I	pCSf107_mT	Replaced pCS105-pax6
pCSf107_Myc-Zbtb11_T	<i>Bam</i> HI, <i>Asc</i> I	pCSf107_MycmT	Replaced pCSf107-Zbtb11_T
pCSf107_HA-Zbtb11_T	<i>Bam</i> HI, <i>Asc</i> I	pCSf107_HAmT	Replaced pCSf107-Zbtb11_T
pCSf107_MycOtx2FL_T	<i>Bam</i> HI, <i>Xba</i> I	pCSf107_MTmT	aa 1-288 (full length) Otx2.S ( <i>X. laevis</i> ), NP_001084160
pCSf107_MycOtx2HD_T	<i>Bam</i> HI, <i>Xba</i> I	pCSf107_MTmT	aa 1-96
pCSf107_MycOtx2RD_T	<i>Bam</i> HI, <i>Xba</i> I	pCSf107_MTmT	aa 97-184
pCSf107_MycOtx2AD_T	<i>Bam</i> HI, <i>Xba</i> I	pCSf107_MTmT	aa 185-288
pCSf107_MycOtx2ΔAD_T	<i>Bam</i> HI, <i>Xba</i> I	pCSf107_MTmT	aa 1-184
pCSf107_MycOtx2ΔHD_T	<i>Bam</i> HI, <i>Xba</i> I	pCSf107_MTmT	aa 97-288
pCSf107_HATle1_T	<i>Age</i> I, <i>Xba</i> I	pCSf107_4HAmT	Replaced pCSf107-Tle1
pCSf107_Otx2_T	<i>Bam</i> HI, <i>Xba</i> I	pCSf107_mT	Untagged Otx2
pCSf107_MycOtx2-4A_T	<i>Bam</i> HI, <i>Xba</i> I	pCSf107_MTmT	T115A, S116A, S132A, S158A
pCSf107_MycOtx2-4E_T	<i>Bam</i> HI, <i>Xba</i> I	pCSf107_MTmT	T115D, S116E, S132E, S158E
pCSf107_Otx2-4A_T	<i>Bam</i> HI, <i>Xba</i> I	pCSf107_mT	T115A, S116A, S132A, S158A
pCSf107_Otx2-4E_T	<i>Bam</i> HI, <i>Xba</i> I	pCSf107_mT	T115D, S116E, S132E, S158E

Note: the postfix “\_T” indicates the presence of SP6/T7 terminators at the end of the transcribed region.