

**Figure S7. Vector components for three-way recombination assembly of constructs**

Construct	5' clone	Middle clone	DEST vector
<i>Xla.rho:rtTA, TRE:GFP</i> (self-reporting, rod-specific Tet-On driver)	p5E-Xop (AJ17)	pL1L2-rtTA (AJ3)	pToIDestR4-R2pA_TRE:GFP (AJ6)
<i>Xla.rho:rtTA<sup>flag</sup></i> (tagged, rod-specific Tet-On driver)	p5E-Xop (AJ17)	pL1L2-rtTA-FLAG (AJ13)	pToIDestR4-R2pA (NL465)
<i>TRE:nls-mCherry</i> (nuclear mCherry Tet-On response)	p5E-TRE (AJ4)	pME-nlsmCherry (CBC223)	pToIDestR4-R2pA (NL465)
<i>biTRE:EGFP, nls-mCherry</i> (bidirectional EGFP and nuclear mCherry Tet-On response)	p5E-dA_EGFP-biTRE (AJ24)	pME-nlsmCherry (CBC223)	pToIDestR4-R2pA (NL465)
<i>TRE:HA-Crb2a<sup>IntraWT</sup></i> (HA-tagged Crb2a intracellular domain Tet-On response)	p5E-TRE (AJ4)	pME-HA-Crb2a <sup>IntraWT</sup>	pToIDestR4-R2pA (NL465)