**Drosophila Genomics Resource Center**

**Vector: pTFW (#1115)**

**List of publications citing DGRC and this vector**

**Last Updated via Google Scholar: June 2017**

### [Conundrum, an ARHGAP18 orthologue, regulates RhoA and proliferation through interactions with Moesin](http://www.molbiolcell.org/content/24/9/1420.short)

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Page 1. 1 An inhibitory mono-ubiquitylation of the Drosophila initiator caspase Dronc  
functions in 1 both apoptotic and non-apoptotic pathways 2 3 Hatem Elif Kamber Kaya  
1 , Mark Ditzel 2 , Pascal Meier 3 and Andreas Bergmann 1\* 4 5 **...**

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Author Summary Apoptosis is a programmed cell death mechanism which is conserved from  
flies to humans. Apoptosis is mediated by proteases, termed caspases that cleave cellular proteins  
and trigger the death of the cell. Activation of caspases is regulated at various levels such **...**

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**...** Destination vectors (pTWM, pTMW, **pTFW**, and pTWF) were obtained from **DGRC**. The primer  
sequences used for faf Gateway cloning were as follows: forward, CAC CAT GAC GTT CGA  
CAC TCG TAG G; reverse, TTG CAA TGA GCT TTT CGC TTG TGG. **...**

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Drosophila sensory organ precursor (SOP) cells undergo several rounds of asymmetric cell  
division to generate the four different cell types that make up externa.

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**...** pUAST:Flag-Urm1 ΔGG was generated by first making a pEntr™/D-TOPO vector containing  
Urm1 ΔGG and subsequently moving the Urm1 ΔGG fragment into the **pTFW** vector (**DGRC**)  
by standard Gateway LR Clonase methodology (Life Technologies). **...**

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Author Summary A critical step in building a functional nervous system is to generate neurons  
at the appropriate locations. Neural competence is acquired at the precursor stage with the  
expression of specific transcription factors. One such critical factor is Senseless (Sens), as **...**

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THROUGH UBIQUITYLATION A Dissertation Presented By HATEM ELIF KAMBER  
KAYA Submitted to the Faculty of the University of Massachusetts **...**

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The polarization of cells is essential for the proper functioning of most organs. Planar Cell Polarity  
(PCP), the polarization within the plane of an epithelium, is perpendicular to apical-basal polarity  
and established by the non-canonical Wnt/Fz-PCP signaling pathway. Within each **...**

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JK Fagan - 2014 - search.proquest.com

**...** To generate the cmb knockout,left and right homology arms were amplified via PCR methods  
from the BAC cloneRP98-17E13 (**DGRC**, CHORI, CA) using **...** Asubsequent Gateway reaction with  
the **pTFW** plasmid (Carnegie Institute for Science)produced the desired plasmid . **...**

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