Supplement for Reference #137191-INS-RG-1

FREE LIGHT CHAINS INJURE PROXIMAL TUBULE CELLS THROUGH STAT1-HMGB1-TLRS

AXIS

Rohit Upadhyay¹, Wei-Zhong Ying², Zannatul Nasrin¹, Hana Safah¹, Edgar A. Jaimes³,

Wenguang Feng², Paul W. Sanders^{2,4,#}, Vecihi Batuman^{1,5*,#}

¹John W. Deming Department of Medicine, Tulane University School of Medicine, New Orleans,

LA.

²University of Alabama at Birmingham, Birmingham, AL.

³Department of Medicine, Renal Service, Memorial Sloan Kettering Cancer Center, NY

⁴Department of Veterans Affairs Medical Center, Birmingham, AL

⁵Department of Veterans Affairs Southeast Louisiana Veterans Health Care System, New

Orleans, LA

*Corresponding Author:

Vecihi Batuman, MD

Division of Nephrology and Hypertension,

John W. Deming Department of Medicine,

Tulane University School of Medicine, SL-45, 1430 Tulane Avenue, New Orleans, LA 70112,

USA.

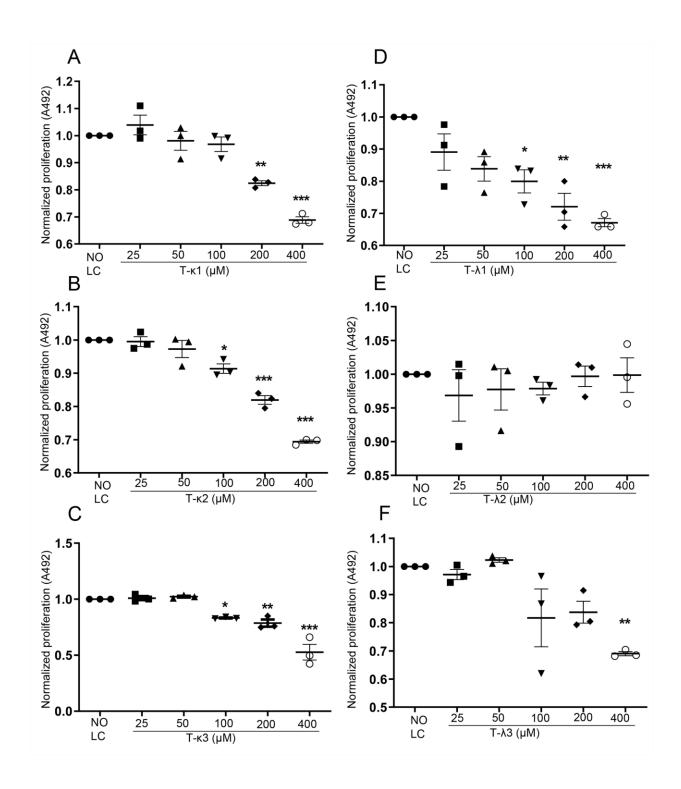
Tel: +1-504-988-5346, Fax: 504-988-1909

E-mail: vbatuma@tulane.edu

*Authorship Note: Paul W. Sanders and Vecihi Batuman contributed equally to this work.

Conflict of interest statement: EAJ is chief medical officer and share holder of Goldilocks

Therapeutics, Inc. All other authors have declared no conflict of interest.



Supplementary Figure 1. Cell proliferation of PTCs (RPTECs) upon exposing different dosage of FLCs (6): $T-\kappa 1$, $T-\kappa 2$, $T-\kappa 3$, $T-\lambda 1$, $T-\lambda 2$, and $T-\lambda 3$; *P<0.05, **P<0.01, ***P<0.001] (A-F) for 24hrs.