Conversion of five proluciferin esters by human cytochrome P450 enzymes

Shishir Sharma1, Jingyao Liu1, Xue Zhang1, Sangeeta Shrestha Sharma1, Jan-Philipp Bureik3, Erik J. Sorensen1,2 and Matthias Bureik1,\*

1 School of Pharmaceutical Science and Technology, Health Sciences Platform, Tianjin University, Tianjin 300072, China

2 Department of Chemistry, Princeton University, Princeton, NJ 08544, USA

3 Laboratoire Charles Fabry, Institut d’Optique Graduate School, CNRS, Université Paris Saclay, 91127 Palaiseau cedex, France

\* Corresponding author. Email: matthias@tju.edu.cn.