

1 **Supplementary Material for “Ultraviolet irradiation sensitizes *Pseudomonas***

2 ***aeruginosa* PAO1 to multiple antibiotics”**

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10 **Text S1: R scripts for calculating MICs**

```
11 for (i in 1:ncol(inhibitionrate.df))
12 {
13     DIR.df <- data.frame (dose = dose[,i], ir = inhibitionrate[,i])
14     prepDIRdat <- prepDRdat (drMat = DIR.df, alpha = 0.05, fitCtr=T,
15     standardize=T) $ dat
16     args_hill <- hillFit (d = prepDIRdat$dose, y = prepDIRdat$response)
17     E0 <- args_hill [1]
18     Einf <- args_hill [2]
19     EC50 <- args_hill [3]
20     HS <- args_hill [4]
21     MIC[,i] <- (((0.9-Einf)/(E0-0.9))^HS)*EC50
22 }
```