**Supplemental material for**: Regulated phosphorylation of a major UDP-glucuronosyltransferase isozyme by tyrosine kinases dictates endogenous substrate-selection for detoxification

**Legend**

Fig. S1 **Effect of curcumin and cycloheximide on UGT2B7 activity with time.** Seventy hours after 2B7 transfection of COS-1 cells as described under Methods, cells were changed to fresh medium containing curcumin and/or cycloheximide as shown for 24 h. Cells were harvested and assayed using 4-OHE$_1$.

Fig. S2 **Western Blot Analysis of Fgr Kinase in SYF Cells.** Cells, transfected with vector- or 2B7 that incubated for 72 hr, were harvested, and aliquots of corresponding homogenates were resolved in a 4-15 % gradient gel, transblotted and processed for Western blot analysis using the Fgr and β-actin antibody preparations as shown.
Effect of Curcumin and Cycloheximide on UGT2B7 with time

Anti-UGT1168

Curcumin

Curcumin + Cycloheximide

Graph showing the effect of Curcumin and Cycloheximide on UGT2B7 with time. The graph indicates the change in pmol/mg protein/hr x 10^2 over time (hour). The curves are labeled as follows:

- Control
- Curcumin 25 μM
- Curcumin 25 μM + Cycloheximide
- Cycloheximide

The graph shows a decrease in pmol/mg protein/hr x 10^2 with time for the control and curcumin groups, while the cycloheximide group shows an increase.