

## Supplemental Material

### Drug Metabolism and Disposition

#### **Respective roles of CYP2A5 and CYP2F2 in the Bioactivation of 3-Methylindole in Mouse Olfactory Mucosa and Lung: Studies Using *Cyp2a5*-null and *Cyp2f2*-null Mouse Models**

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## Legends for Supplemental Figures

**Fig. S1.** Substrate-velocity curves for 3-methylindole metabolite formation by olfactory mucosa (OM) and lung microsomes from wild-type (WT), *Cyp2a5*-null, and *Cyp2f2*-null mice. The calculated kinetic parameters are shown in Tables 1 and 2.

**Supplemental TABLE 1**

*Ion list used for 3-methylindole metabolite detection in multiple ion monitoring-dependent enhanced product ion scan*

Molecular Ion (MH <sup>+</sup> )	Species	Mass Shift	Reaction
132	Parent	0	
148	Metabolite	16	+ O
164		32	+ 2O
130		-2	+ O, -H <sub>2</sub> O (on-source loss)
437	GSH-conjugate	305	+ GSH
453		321	+ GSH+O-2H
455		323	+ GSH+O

Supplemental Fig. 1

