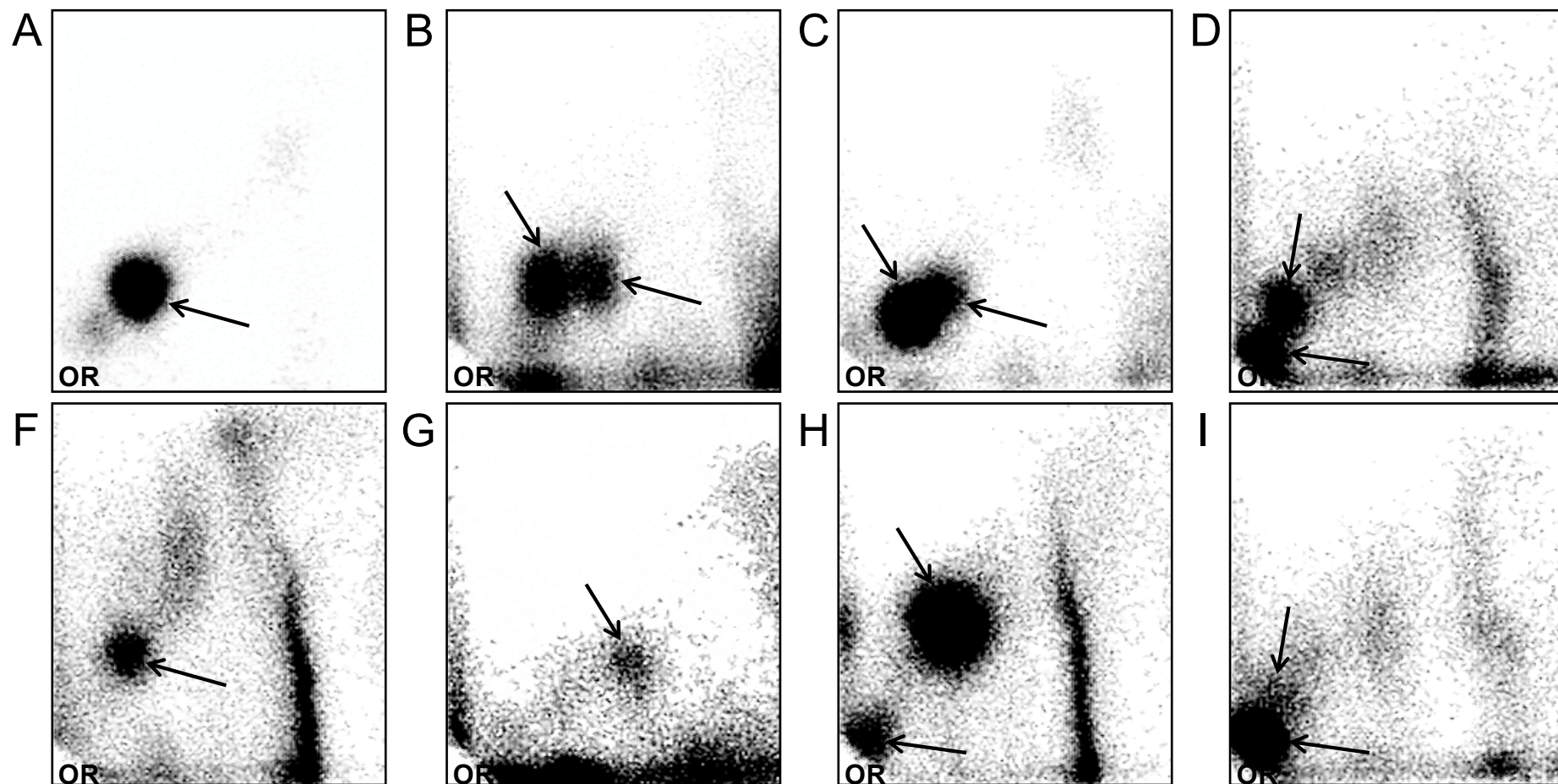




Supplementary File 7 - Representative autoradiographic profiles of DNA adducts, measured by ^{32}P -post-labeling, in lungs from MutaTM Mouse subchronically exposed to BaP (A), BaA (B), BbF (C), BghiP (D), BkF (F), Chr (G), DBahA (H) and IP (I). Solvent conditions for the separation of PAH-derived DNA adducts using thin-layer chromatography were as follows: D1, 1.0 M sodium phosphate, pH 6.0; D3, 3.5 M lithium-formate, 8.5 M urea, pH 3.5; D4, 0.8 M lithium chloride, 0.5 M Tris, 8.5 M urea. The origins (OR), at the bottom left corner, were cut off before imaging. Arrow(s) indicate major adduct spot(s) used to calculate DNA adduct level(s).