**Figure7B-CYP1A1** The expression of CYP1A1 expression in the placental tissue of Wild Type (The first three columns) and PM2.5-treated mice (the last three columns).

**Figure7B-****β-actin** The expression of β-actin expression in the placental tissue of Wild Type (The first three columns) and PM2.5-treated mice (the last three columns).

**Figure7E-CYP1A1** The expression of CYP1A1 expression in the PM2.5-treated HTR8/SVneo cells (PM2.5 concentration: 0. 50μg/mL, 100μg/mL, 200μg/mL)

**Figure7E-****β-actin** The expression of β-actin expression in the PM2.5-treated HTR8/SVneo cells (PM2.5 concentration: 0. 50μg/mL, 100μg/mL, 200μg/mL)

**Figure7F-CYP1A1** The expression of CYP1A1 expression in the HTR8/SVneo cells (si-NC, si-CYP1A1#1, si-CYP1A1#2)

**Figure7F-β-actin** The expression of β-actin expression in the HTR8/SVneo cells (si-NC, si-CYP1A1#1, si-CYP1A1#2)

**Figure7M-Mito-Cytc** The expression of Cytc expression in mitochondria of HTR8/SVneo (si-NC, PM2.5+si-NC, PM2.5+si- CYP1A1#1, PM2.5+si- CYP1A1#2)

**Figure7M-Mito-VDAC-1** The expression of VDAC-1 expression in mitochondria of HTR8/SVneo (si-NC, PM2.5+si-NC, PM2.5+si- CYP1A1#1, PM2.5+si- CYP1A1#2)

**Figure7M-Cyto-Cytc** The expression of Cytc expression in cytoplasm of HTR8/SVneo (si-NC, PM2.5+si-NC, PM2.5+si- CYP1A1#1, PM2.5+si- CYP1A1#2)

**Figure7M-Cyto-BCL-2** The expression of BCL-2 expression in cytoplasm of HTR8/SVneo (si-NC, PM2.5+si-NC, PM2.5+si- CYP1A1#1, PM2.5+si- CYP1A1#2)

**Figure7M-Cyto-BAX** The expression of BAX expression in cytoplasm of HTR8/SVneo (si-NC, PM2.5+si-NC, PM2.5+si- CYP1A1#1, PM2.5+si- CYP1A1#2)

**Figure7M-Cyto-****Cleaved-Caspase3** The expression of Cleaved-Caspase3 expression in cytoplasm of HTR8/SVneo (si-NC, PM2.5+si-NC, PM2.5+si- CYP1A1#1, PM2.5+si- CYP1A1#2)

**Figure7M-Cyto-β-actin** The expression of β-actin expression in cytoplasm of HTR8/SVneo (si-NC, PM2.5+si-NC, PM2.5+si- CYP1A1#1, PM2.5+si- CYP1A1#2)