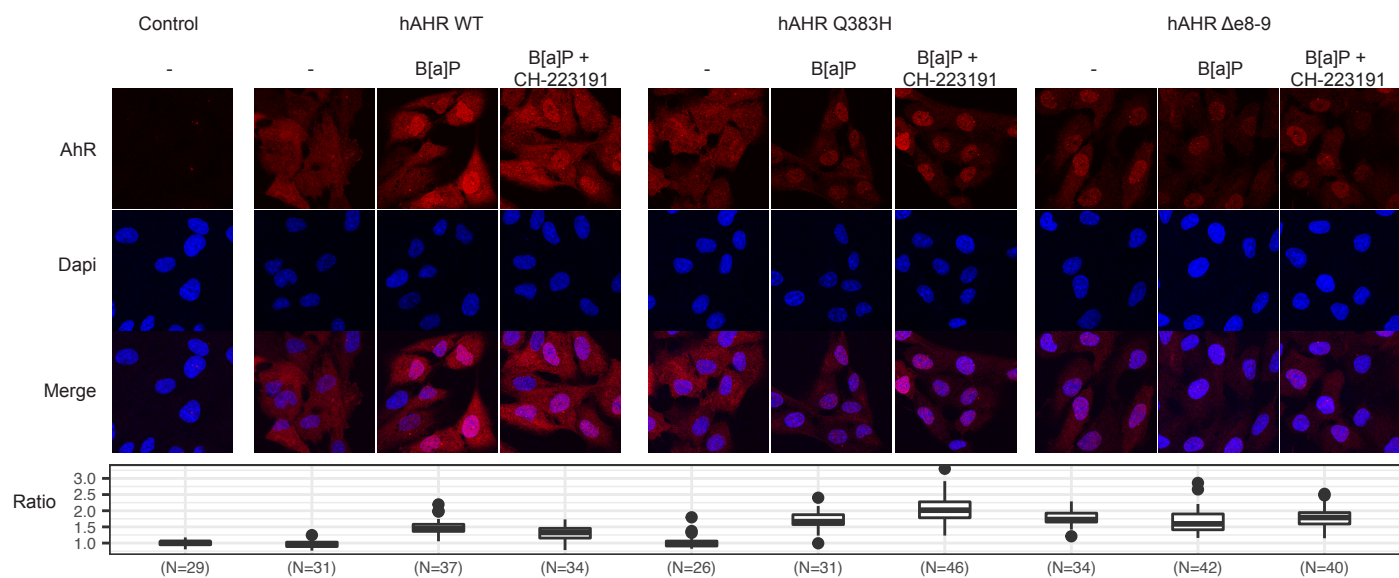




Supplementary figure 1: AHR protein localization after incubation with B[a]P or CH-223191. Immunofluorescence of RPE1 cells that express hAHRWT, hAHRQ383H, or hAHRΔe8-9 that were incubated for 4h with B[a]P or with AHR antagonist CH-223191. AHR was detected with immunofluorescence (red) and DNA with Dapi (blue). The boxplots present the AHR signal ratio of nuclear to cytoplasmic signal for all individual captured cells. Untransduced cells served as negative controls (left panels).