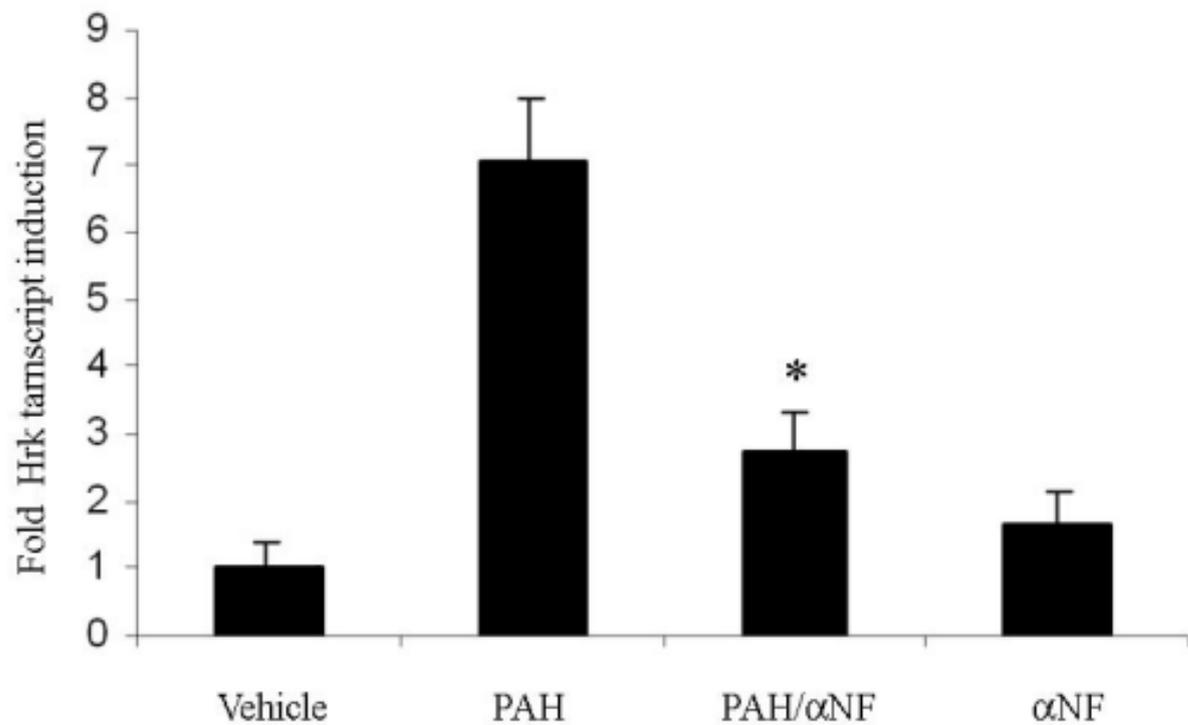


Supplementary Fig. 1



Supplementary Figure 1.

Induction of Hrk transcript in in vitro treated neonatal ovaries 24 hours after exposure to vehicle, 1 μ M DMBA/BaP each (PAH), co-treatment with 2 μ M α -NF (PAH/ α -NF) or 2 μ M α -NF alone. The expression data are shown as mean \pm s.e.m of fold change in comparison to vehicle treated group and were obtained from 4 sets of independent ovaries per treatment. PAH induced significant (p=0.0006) upregulation of Hrk transcript, which was repressed by α -NF treatment (p<0.01).

Supplementary Table 1

Table 1: Oligonucleotide Primers Used for Site-Directed Mutagenesis

XRE site	Primer	Sequence (5' \rightarrow 3')
HRK-XRE1 (-2036)	XRE1F	tttattgagcccgatgaatgccaggcgcttgccac
	XRE1R	gtccaagcgctggcattcatcgggctcaaataaa
HRK-XRE2 (-1297)	XRE2F	agtgtgggattaaaggaatgtacaaccactgctcg
	XRE2R	cgagcagtgggtgtacattccttaatccaacact
HRK-XRE3 (-489)	XRE3F	cagaaggggtgcaacgaatgtcaggaatgtgtgca
	XRE3R	tgcacacattcctgacattcgttgcaccccctctg