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Selective Ah receptor modulator mediated repression of CD55 expression leads to enhanced C3 deposition

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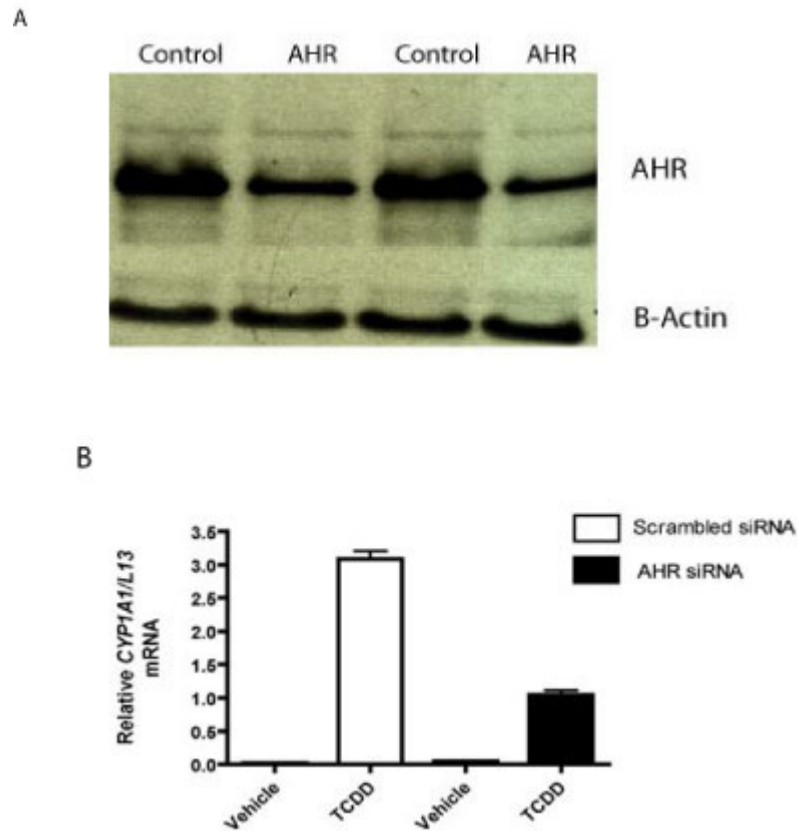
Supplementary Table 1: Quantitative real-time PCR primer sequences

Gene	Primer Sequence
hL13a	5' CCTGGAGGAGAAGAGGAAAGAGA 3' 5' GAGGACCTCTGTGTATTTGTCAA 3'
CYP1A1	5' GATTGGGCACATGCTGACC 3' 5' CTGTCAAGGATGAGCCAGCA 3'
CD55	5' CAGGACCACCACAAATTGAC 3' 5' CTGAACTGTTGGTGGGACCT 3'
CD46	5' AACCTCCAGCTTTGAGTTCATTC 3' 5' GGCATATTCAGCTCCACCAT 3'

Supplementary Table 2: Oligonucleotide sequences for cloning of the full length CD55 promoter and mutant constructs

Construct	Primer sequences
CD55 -871/+71	5' ATCGAAGCTTCCGGGGGCCCTAGACTC 3' 5' ATCGCTCGAGCATATACCCATCAATG 3'
CD55 -250/+71	5' ATCCCTTGAGGCACTCAAGCGCGG 3' 5' ATCGAAGCTTCCGGGGGCCCTAGACTC 3'
CD55 KB1	5' CCGCTTAGCTACTCAAGCGCGGTTAT 3' 5' ATAACCGCGCTTGAGTAGCTAAGCGG 3'
CD55 KB2	5' CGCGGTGCTCTAAACGCGTCTTGGG 3' 5' CCCAAGACGCGTTTAGAGCACCGCG 3'
CD55 RelA	5' AGACCTGGGGAACCAGGTTGAATAAC 3' 5' GTTATTCAACCTGGTTCCCCAGGTCT 3'
CD55 Cre	5' CCCACCCTTGGCTACGCAGAGCCC 3' 5' GGGCTCTGCGTAGCCAAGGGTGGG 3'

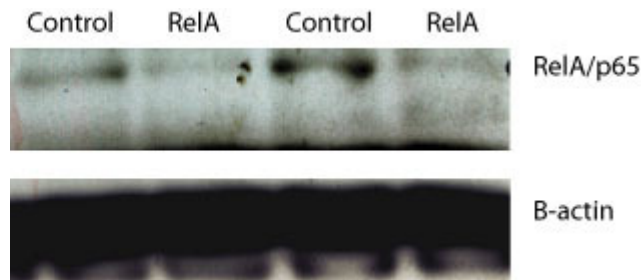
Supplementary Figure 1: siRNA mediated knockdown of *AHR* in Hep3B cells



Supplementary Figure 1: siRNA-mediated knockdown of AHR

Hep3B cells were electroporated with siRNA targeted either for *AHR* or scrambled and split into 6 well plates. Verification of knockdown was achieved by (A) protein immunoblotting with a primary antibody for AHR and (B) *CYP1A1* mRNA expression following treatment of cells with either vehicle or 10 nM TCDD for 24 h.

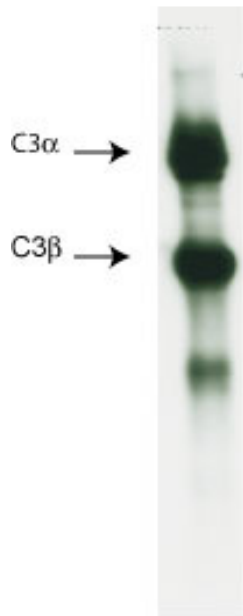
Supplementary Figure 2: siRNA mediated knockdown of *RelA/p65* in Hep3B cells



Supplementary Figure 2: Verification of siRNA mediated knockdown of *RelA/p65*.

Hep3B cells were electroporated with siRNA targeted for either control (scrambled) *RelA/p65* and split into 6 well plates. Cells were allowed to recover for 24 h, lysed and a protein immunoblot was performed to verify knockdown of *RelA* using a primary antibody against *RelA*.

Supplementary Figure 3



Supplementary Figure 3: Verification of iodination of C3

Complement component 3 was iodinated with ^{125}I and 1 μL of ^{125}I -C3 was run on an SDS-PAGE gel, which was then transferred to a PVDF membrane and visualized by autoradiography