

SUPPLEMENTARY MATERIAL

Urolithin A Is a Dietary Microbiota-Derived Human Aryl Hydrocarbon Receptor Antagonist

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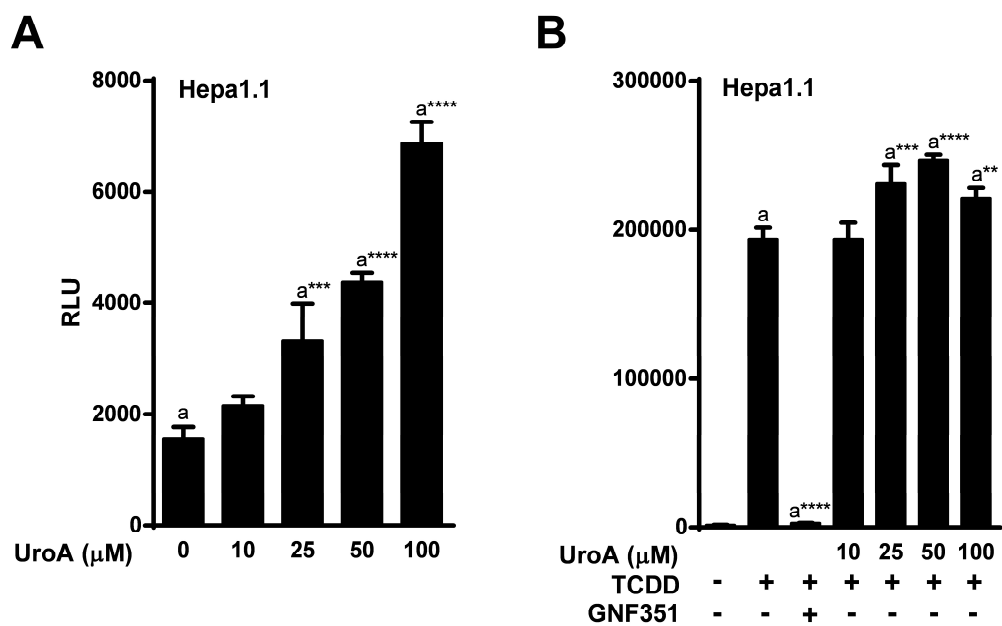


Figure S1. The agonist and antagonist activity of UroA was assessed in Hepa1.1 at higher doses. (A) Hepa1.1 cells were treated with 10, 25, 50, 100 μM of UroA in the absence of exogenous ligands or (B) in the presence of TCDD for 4 h.

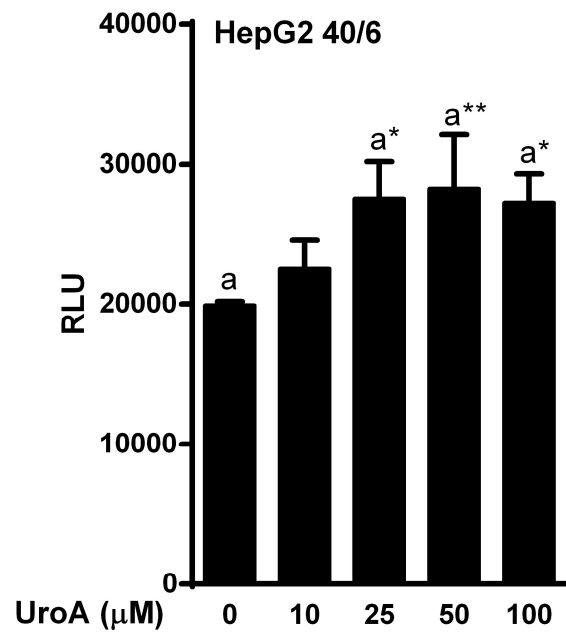


Figure S2. The agonist activity of UroA was assessed in HepG2 40/6 at higher doses. (A) HepG2 40/6 cells were treated with 10, 25, 50, 100 μM of UroA in the absence of exogenous ligands for 4 h.

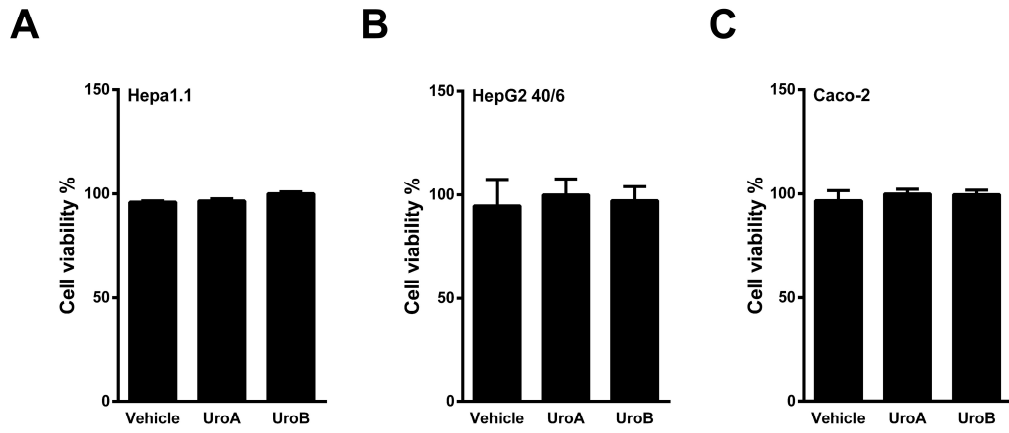


Figure S3. UroA does not cause cytotoxicity in Hepa1.1, HepG2 (40/6) or Caco-2 cells. MTT assay was performed on (a) Hepa1.1 or HepG2 (40/6) cells treated with 10 μ M of UroA or B for 4 h, (b) Caco-2 cells treated with 10 μ M of UroA for 16 h.