

## **Description of additional supplementary items**

### **Supplementary Data 1**

Relative expression of genes related to Cr(VI) reduction and antioxidation that were unchanged or upregulated in Cr(VI) and displayed a large fold change in the BT36 plus Cr(VI) sample. Only genes expressing  $\log_2 \text{FC} \geq 1.0$  were considered.

### **Supplementary Data 2**

Source data underlying the graphs in figures and supplementary Information as an excel file.