**Supplementary Materials:**

**Supplementary Table S1.** The Sb content of roots and leaves and the corresponding bioaccumulation factor (BF) and translocation factor (TF) values in tomato plants. A total of 15 plants were analysed for each treatment with three biological replicates.

| Sample | Roots | Shoots | TF |
|---|---|---|---|
| Control | 4.7±0.8 | nd | nd |
| 0.5 mM Sb | 10832.4±460.5 | 336.7±26.7 | 0.033 |
| 1.0 mM Sb | 13066.5±390.4 | 564.7±51.2 | 0.041 |

**Supplementary Table S2.** Primers used for synthesis of tomato cDNAs.

| Gene | ID Gene | Primers (5′-3′) | Size (pb) |
|---|---|---|---|
| *Actin* | Solyc04g011500.2.1 | GAAATAGCATAAGATGGCAGACG | 159 |
| | | ATACCCACCATCACACCAGTAT | |
| *β-tubulin (TUB)* | Solyc04g081490.2.1 | AACCTCCATTCAGGAGATGTTT | 180 |
| | | TCTGCTGTAGCATCCTGGTATT | |
| *APX* | Solyc06g005150.3 | TCTGGTTTTGAGGGACCTTG | 113 |
| | | GCTTTGTCTGATGGCAACTG | |
| *DHAR* | Solyc05g054760.2 | TGAGCTTGGCTCCAAAACTG | 144 |
| | | CTTCAGCCTTGGTTTTCTGG | |
| *GR_cyt* | Solyc09g091840.3 | AAAGTGTGGAGCAACCAAGG | 86 |
| | | CTGAACGCATGGTCACAAAC | |
| *GR_chl* | Solyc09g065900.3 | TAGCAAAGTTCTGGGCTTGC | 84 |
| | | AACCCTGCTTTGACTGCAAC | |
| *GSNOR* | Solyc09g064370.3 | TCCATTTCAGCTGGTGACTG | 81 |
| | | AGGGAAGGAACTTGTGATCG | |
| *SOD* | Solyc02g021140.3 | GGATTTGGCTTGTCTTGAGC | 99 |
| | | CGATCAGGGGGATATCATTC | |
| *GST* | Solyc01g099590.3 | TGGGCTCGTTTTGTTGATG | 80 |
| | | CCCTCTGCTTTTGTTTCTCC | |
| *GST TCHQD* | Solyc04g057890.3 | TTCCTTGAACAGCCAGAAGG | 138 |
| | | ACAGGAACTTTCGCACTTGG | |

**Supplementary Table S3.** Genes used for the bioinformatics study.

| Gene | ID Gene | Location | Information |
|---|---|---|---|
| *APX* | Solyc06g005150.3 | Chromosome 6: 170,183-173,377 | Ascorbate peroxidase |
| *DHAR* | Solyc05g054760.2 | Chromosome 5: 65,455,922-65,460,219 | dehydroascorbate reductase 1 dhar1 |
| *GRcyt* | Solyc09g091840.3 | Chromosome 9: 71,517,454-71,527,429 | Glutathione reductase, cytosolic |
| *GRchl* | Solyc09g065900.3 | Chromosome 9: 64,425,969-64,432,963 | Glutathione reductase |
| *GSNOR* | Solyc09g064370.3 | Chromosome 9: 61,781,099-61,785,732 | GSNOR (S-(hydroxymethyl)glutathione dehydrogenase) |
| *SOD* | Solyc02g021140.3 | Chromosome 2: 22,261,065-22,263,375 | Superoxide dismutase |
| *GST* | Solyc01g099590.3 | Chromosome 1: 89,654,694-89,655,730 | Glutathione-S-transferase |
| *GST TCHQD* | Solyc04g057890.3 | Chromosome 4: 54,949,331-54,955,349 reverse strand. | GST 2 Glutathione S-transferase TCHQD |