

Supplementary Table SII GO functional enrichment of the 184 WOI genes. Number of genes, percentage of genes belonging to each category and P-value are indicated.

Category	Term	Genes	%	P-value
BP	Regulation of cell proliferation	47	24.6	9.0E-19
BP	Positive regulation of cell proliferation	33	17.3	1.6E-16
BP	Response to wounding	35	18.3	5.1E-15
BP	Defense response	36	18.8	6.8E-14
BP	Positive regulation of immune system process	23	12.0	3.9E-13
BP	Negative regulation of transport	18	9.4	1.4E-12
MF	Cytokine activity	30	15.7	3.7E-23
MF	Growth factor activity	23	12.0	6.0E-17
MF	Cadmium ion binding	5	2.6	4.9E-6
MF	Antioxidant activity	7	3.7	2.6E-5
CC	Extracellular region part	65	34	6.3E-30
CC	Extracellular space	55	28.8	2.0E-28

BP, biological process; MF, molecular function; CC, cellular component.