	Control	Phosphate Treatment
ATPases with chaperone activity, ATP-binding subunit		
2al activator of acetoin/glycerol C		
Mn2+ and Fe2+ transporters of the NRAMP family		
Putative silver efflux pump		
Permeases of the major facilitator superfamily		
Response regulators consisting of a CheY-like receiver domain and a winged-helix DNA-binding domain		
Ribonucleotide reductase, alpha subunit		
Cation/multidrug efflux pump		
Outer membrane protein		
Site-specific recombinases, DNA invertase Pin homologs		
Thioredoxin domain-containing protein		
Predicted ATPase related to phosphate starvation-inducible protein PhoH		
Cation transport ATPase		
Fumarase		
Glycine/serine hydroxymethyltransferase		
Predicted RNA polymerase sigma factor containing a TPR repeat domain		
ABC-type transport system involved in cytochrome bd biosynthesis, ATPase and permease components		
Dioxygenases related to 2-nitropropane dioxygenase		
Phosphopantothenoylcysteine synthetase/decarboxylase		
Phosphoglycerate dehydrogenase and related dehydrogenases		
3-dehydroquinate synthetase		
ABC-type sugar transport systems, ATPase components		
Ribosomal protein L13		
DNA-directed RNA polymerase, alpha subunit/40 kD subunit		
Ribosomal protein S5		
Predicted EndoIII-related endonuclease		
Preprotein translocase subunit SecY		
Ribosomal protein S9		
Alanine racemase		
Methionine aminopeptidase		
DNA-directed RNA polymerase, beta' subunit/160 kD subunit		
Membrane protein TerC, possibly involved in tellurium resistance		
2al regulator		
Ribosomal protein L5		
Ribosomal protein L15		
Ribosomal protein S13		
Cysteine sulfinate desulfinase/cysteine desulfurase and related enzymes		
ABC-type multidrug transport system, ATPase component		

0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.0 8.5 9.0 9.5 Relative abundance (%)

Supplementary Figure 2: Relative abundance of specific functional annotated categories in samples from control and phosphate treatment cases with a high proportion. It is shown the average of n = 3 in each studied case.