



**Supplementary Figure 3. Pairwise Phosphate uptake-related iModulon comparison between *S. albidoflavus* and *E. coli*.** Gene weight correlation of the Phosphate *S. albidoflavus* iModulon and the Phosphate-1 *E. coli* iModulon. The dashed lines indicate the threshold values for the two iModulons. Genes highlighted in red and labelled depict genes that are present in both iModulons based on bidirectional BLAST results. The *pstSCAB* operon appears in both iModulons along with several putative lineage-specific members of the iModulons.