

Research Paper

Pyrroloquinoline quinone and a quinoprotein kinase support gamma radiation resistance in *Deinococcus radiodurans* and regulate gene expression

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DOI 10.1002/jobm.201100650

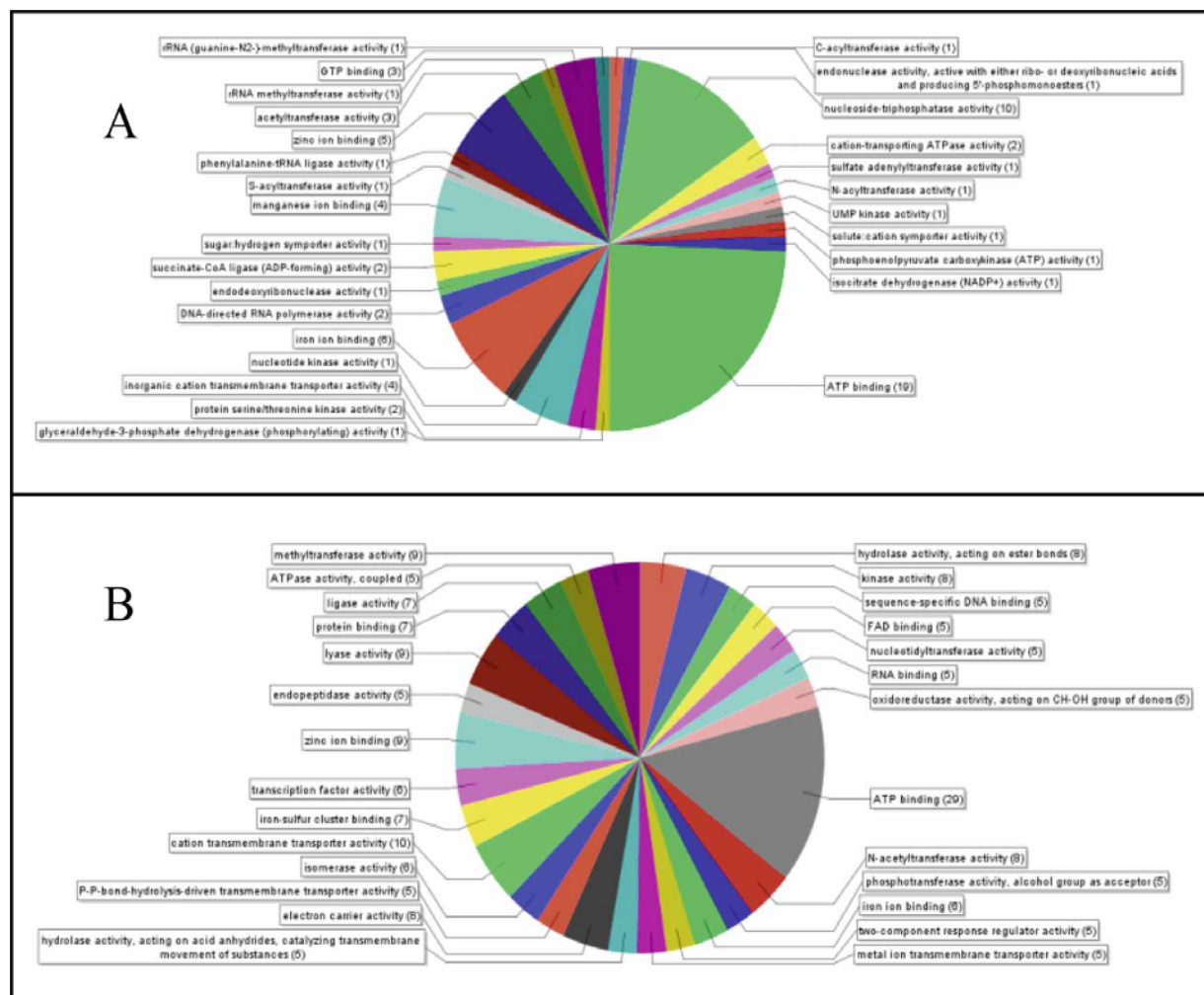


Figure S1. Transcriptome data analysis based on molecular functions. Gene showing 1.5 or higher fold significant ($P > 0.05$) down-regulation in *pqqE* (A) and *dr2518* (B) mutants upon γ -radiation treatment were analysed for various molecular functions associated with growth of the bacterium.

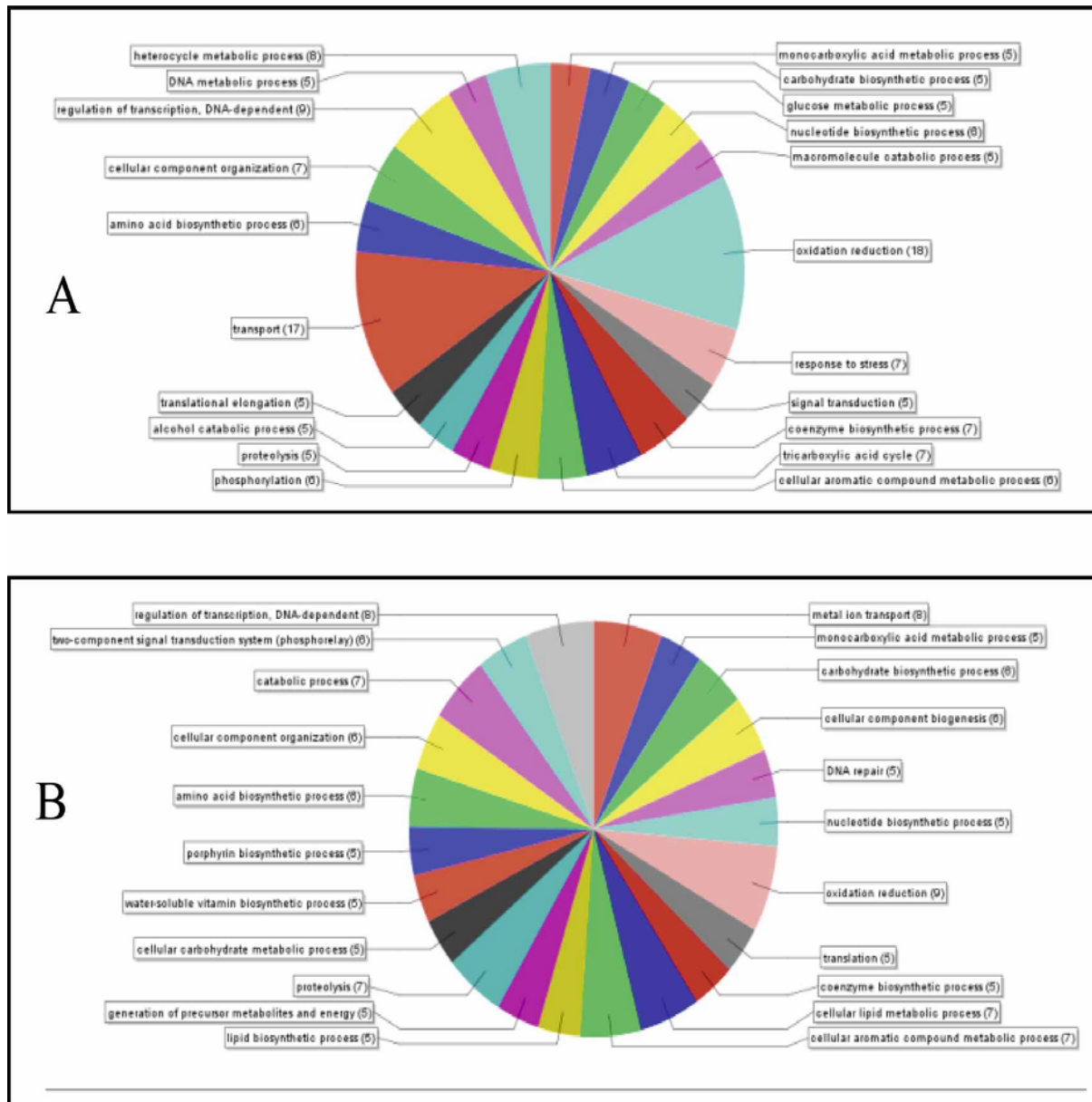


Figure S2. Transcriptome data analysis based on different genes role in various biological processes. Gene showing 1.5 or higher folds significant ($P > 0.05$) downregulation in *pqqE* (A) and *dr2518* (B) mutants upon γ -radiation treatment were analysed for various biological processes required at molecular levels supporting growth of the bacterium.