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Project: Profondeur  
Date: 4 November 2016  
Number: 1

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{
  "id": "e_coli_core",
  "metabolites": [
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      "id": "13dpg_c",
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      "name": "3-Phospho-D-glyceroyl phosphate",
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        "seed.compound": "cpd00203",
        "pubchem.substance": "3535",
        "hmdb": "HMDB01270",
        "kegg.compound": "C00236",
        "bigg.metabolite": "13dpg",
        "reactome": "REACT_29800",
        "chebi": [
          "CHEBI:16001", "CHEBI:1658",
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          "CHEBI:11881"
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        "unipathway.compound": "UPC00236",
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  "genes": [
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      "id": "b1241",
      "name": "adhE"
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  ],
  "version": 1,
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      "metabolites": {
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        "acald_c": -1.0,
        "accoa_c": 1.0,
        "nad_c": -1.0,
        "h_c": 1.0,
        "nadh_c": 1.0
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      "lower_bound": -1000.0,
      "gene_reaction_rule": "b0351 or b1241",
      "name": "acetaldehyde dehydrogenase (acetylating)",
      "annotation": {
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  "compartments": {
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    "e": "extracellular"
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