Name: T Cameron Waller

Project: Profondeur

Date: 4 November 2016

Number: 1

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"metabolites": [

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"charge": -4,

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"annotation": {

"seed.compound": "cpd00203",

"pubchem.substance": "3535",

"hmdb": "HMDB01270",

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"bigg.metabolite": "13dpg",

"reactome": "REACT\_29800",

"chebi": [

"CHEBI:16001", "CHEBI:1658",

"CHEBI:20189", "CHEBI:57604",

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"unipathway.compound": "UPC00236",

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"genes": [

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"name": "adhE"

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"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

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"e": "extracellular"

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