# Proposed

## Protein

<script type="application/ld+json">  
{  
 "@context":"http://schema.org",  
 "@type":"BiologicalEntity",

“biologicalType”:”protein”,  
 "name":"CHEY\_BACSU",  
 "description":"Protein CHEY\_BACSU",

“identifier":"http://beta.synbiomine.org/synbiomine/report.do?id=111921899",  
 "url":"http://beta.synbiomine.org/synbiomine/report.do?id=111921899",  
 "about":"Integrated InterMine information for Protein CHEY\_BACSU",

“keywords”:”protein, CHEY\_BACSU”,  
 "inDataset":{  
 "@type":"Dataset",  
 "url":"http://beta.synbiomine.org/synbiomine/release-5"  
 },

“crossReference”:{

“@type”:”Thing”,

“url”:”<http://beta.synbiomine.org/synbiomine/report.do?id=6010402>”

},

“taxon”:”<https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?mode=Info&id=224308&lvl=3&lin=f&keep=1&srchmode=1&unlock>”,

“taxon”:”http://www.uniprot.org/taxonomy/224308”

“sequence”:”MAHRILIVDDAAFMRMMIKDILVKNGFEVVAEAENGAQAVEKYKEHSPDLVTMDITMPEM  
DGITALKEIKQIDAQARIIMCSAMGQQSMVIDAIQAGAKDFIVKPFQADRVLEAINKTLN”,

“datePublished”:”2017-05-26”,

"citation":{  
 "@type":"CreativeWork",  
 "name":"UniProt",  
 "url":"http://www.uniprot.org"  
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 "citation":{  
 "@type":"CreativeWork",  
 "name":"Ecocyc",  
 "url":"http://ecocyc.org"  
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 "citation":{  
 "@type":"CreativeWork",  
 "name":"RSCB PDB",  
 "url":"http://www.rcsb.org"  
 }

}

## Gene

<script type="application/ld+json">  
{  
 "@context":"http://schema.org",  
 "@type":"BiologicalEntity",

“biologicalType”:”gene”,  
 "name":"cheY",  
 "description":"Gene cheY",

“identifier":"http://beta.synbiomine.org/synbiomine/report.do?id=6010402",  
 "url":"http://beta.synbiomine.org/synbiomine/report.do?id=6010402",  
 "about":"Integrated InterMine information for gene cheY",

“keywords”:”protein, CHEY\_BACSU”,

“alternateNames”:”P35783, cheB”,  
 "inDataset":{  
 "@type":"Dataset",  
 "url":"http://beta.synbiomine.org/synbiomine/release-5"  
 },

“crossReference”:{

“@type”:”Thing”,

“url”:”http://beta.synbiomine.org/synbiomine/report.do?id=111921899”

},

“taxon”:”<https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?mode=Info&id=224308&lvl=3&lin=f&keep=1&srchmode=1&unlock>”,

“taxon”:”<http://www.uniprot.org/taxonomy/224308>”,

“sequence”:”atggcacatagaattttaattgtagatgacgcagcatttatgcgaatgatgattaaagatattttggttaaaaatggttttgaagttgtggcggaagctgaaaatggagcacaagcggtagagaaatataaagagcattcacctgaccttgttactatggatatcacgatgccagaaatggatggtattacagcattaaaagaaattaaacaaattgatgcgcaggcaagaatcatcatgtgttctgctatgggacagcaatcaatggttattgatgccattcaggccggcgctaaggat  
ttcattgtgaaacctttccaggctgaccgtgtgcttgaagcaatcaacaaaacattaaattaa”,

“datePublished”:”2017-05-26”,

"citation":{  
 "@type":"CreativeWork",  
 "name":"GenBank",  
 "url":"null"  
 },  
 "citation":{  
 "@type":"CreativeWork",  
 "name":"Ecocyc",  
 "url":"http://ecocyc.org"  
 },  
 "citation":{  
 "@type":"CreativeWork",  
 "name":"RefSeq",  
 "url":"null"  
 }

}

## SynBIS Part

<script type="application/ld+json">  
{  
 "@context":"http://schema.org",  
 "@type":"BiologicalEntity",

“biologicalType”:”synbiopart”,  
 "name":"BBa\_I14018",  
 "description":"SYNBIS part BBa\_I14018",

“identifier":"<http://www.synbiomine.org/synbiomine/report.do?id=127000473>",

“keywords”:”synbis, synthetic biology, part, constitutive promoter, BBa-I14018”,  
 "url":"http://www.synbiomine.org/synbiomine/report.do?id=127000473",  
 "about":"Information for SYNBIS synthetic biology part BBa\_I14018",  
 "inDataset":{  
 "@type":"Dataset",  
 "url":"http://beta.synbiomine.org/synbiomine/release-5"  
 },

“datePublished”:”2017-05-26”,

"citation":{  
 "@type":"CreativeWork",  
 "name":"SYNBIS",  
 "url":"http://synbis.bg.ic.ac.uk"  
 }

}

# Prototype

<script type="application/ld+json">  
{  
 "@context":"http://schema.org",  
 "@type":"DataSet",  
 "name":"Protein CHEY\_BACSU",  
 "description":"Protein CHEY\_BACSU",  
 "url":"http://beta.synbiomine.org/synbiomine/report.do?id=111921899",  
 "about":"Integrated dataset for Protein CHEY\_BACSU",  
 "includedInDataCatalog":{  
 "@type":"DataCatalog",  
 "url":"http://beta.synbiomine.org/synbiomine"  
 },  
 "citation":{  
 "@type":"CreativeWork",  
 "name":"GenBank",  
 "url":"null"  
 },  
 "citation":{  
 "@type":"CreativeWork",  
 "name":"Ecocyc",  
 "url":"http://ecocyc.org"  
 },  
 "citation":{  
 "@type":"CreativeWork",  
 "name":"RefSeq",  
 "url":"null"  
 }

}