

Additional file 2: Glucose minimal medium for *iJO1366 in silico* model.

Table S1. **Reference conditions: Glucose minimal medium (*iJO1366* model)¹.** The external input rates are defined as positive and the external output rates as negative.

External species (reaction)	Lower bound	Upper bound
Glucose (glc)	-1000	10
Oxygen (o2)	-1000	1000
Ammonium (nh4)	-1000	1000
Phosphate (pi)	-1000	1000
Sulfate (so4)	-1000	1000
Carbon dioxide (co2)	-1000	1000
Water (h2o)	-1000	1000
Proton (h)	-1000	1000
Calcium (ca2)	-1000	1000
Cobalt (cobalt2)	-1000	1000
Copper (cu2)	-1000	1000
Iron II (fe2)	-1000	1000
Iron III(fe3)	-1000	1000
Potassium (k)	-1000	1000
Magnesium (mg2)	-1000	1000
Manganese (mn2)	-1000	1000
Molybdenum (mobd)	-1000	1000
Nickel (ni2)	-1000	1000
Zinc (zn2)	-1000	1000
Chloride (cl)	-1000	1000

¹ fermentation products, not present in the medium, have upper bounds equal to zero.