

Table 1. Definitions of variables

Variables	Definitions
OAc_i^-	Intracellular acetate
$HOAc_i$	Intracellular acetic acid
OAc_e^-	Extracellular acetate
$HOAc_e$	Extracellular acetic acid
AcP	Acetyl phosphate
n	Number of cells
$mgfp$	mRNA of gfp
Gfp	GFP protein
t	Time