Electronic Supplementary Material (ESI) for Molecular BioSystems.

Table S6 Sum of squared error (SE) using different objective functions in predicting intracellular fluxes *of E. coli* (Holm) for three strains

Strains	$J = \sum_{i=1}^{m} \phi(v_i - z_i) + \|v\|_1$	$J = \sum_{i=1}^{m} \phi(v_i - z_i)$	$J = \|v - b\|_2$	$J = \|v\|_1$	$J = \|v - b\|_2 + \|v\|_1$
REF	5.1	5.1	5.4	108.3	4.6×10^4
NOX	11.2	11.7	12.0	355.3	4.8×10^4
ATPase	14.1	14.5	14.5	106.2	3.9×10^4
Average	10.1	10.4	10.6	189.3	4.4×10^3