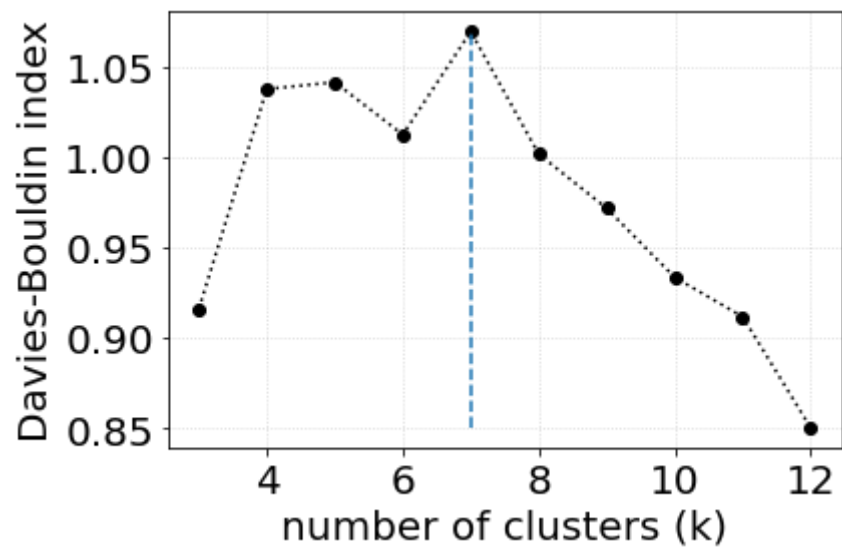


Supplementary Information Figure SIF1 | Effect of adrenaline-noradrenaline treatment on amino acid transport rates.

Positive rates indicate secretion; negative rates indicate uptake. Transport rate units are $\mu\text{M} \times 10^3 \text{ cells}^{-1} \times \text{day}^{-1}$. We found no particular trend in amino acid transport rates associated with treatment (0.5 and 5 μM of equimolar adrenaline-noradrenaline mix).



Supplementary Information Figure SIF2 | Quantitative identification of the optimal clustering partition.

We used the Davies-Bouldin index to quantitatively assess the optimal number of clusters. Blue dashed line marks the maximum value found, indicating that our dose-responding metabolic features are best grouped together into seven clusters.