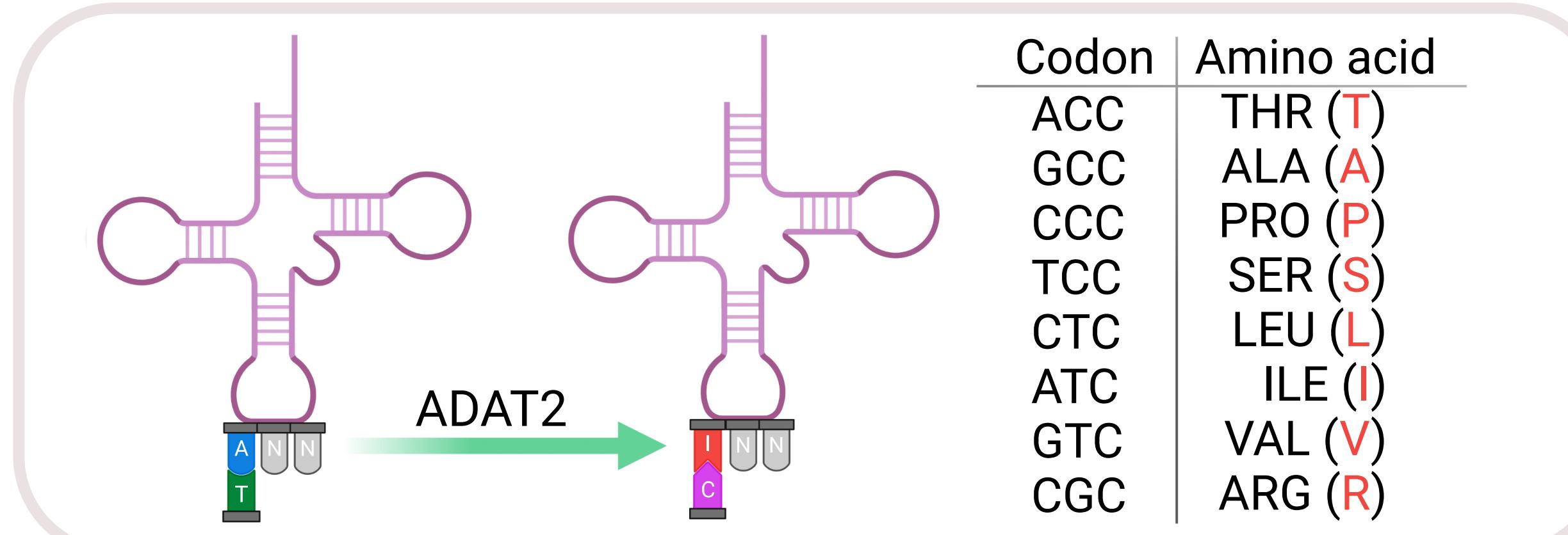


In silico prediction of the impact of tRNA modifications on mRNA translation

Marine Leclercq, Ning An, Coralie Capron, Arnaud Blomme, Pierre Geurts, Francesca Rapino, Pierre Close

ADAT2 - Adenosine Deaminase tRNA-specific 2

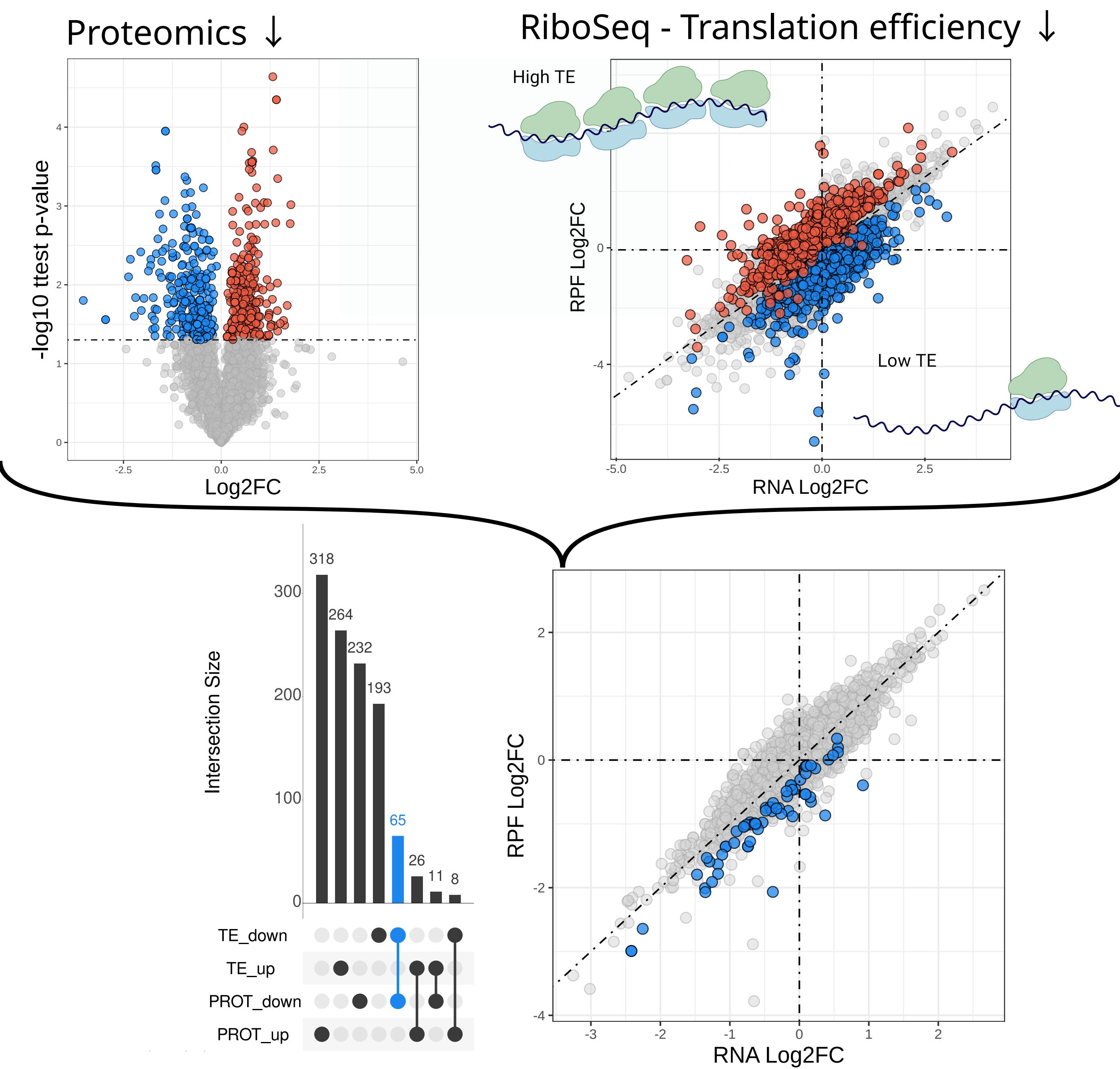


What is the impact of ADAT2 on the proteome? What makes a protein more dependent on ADAT2?

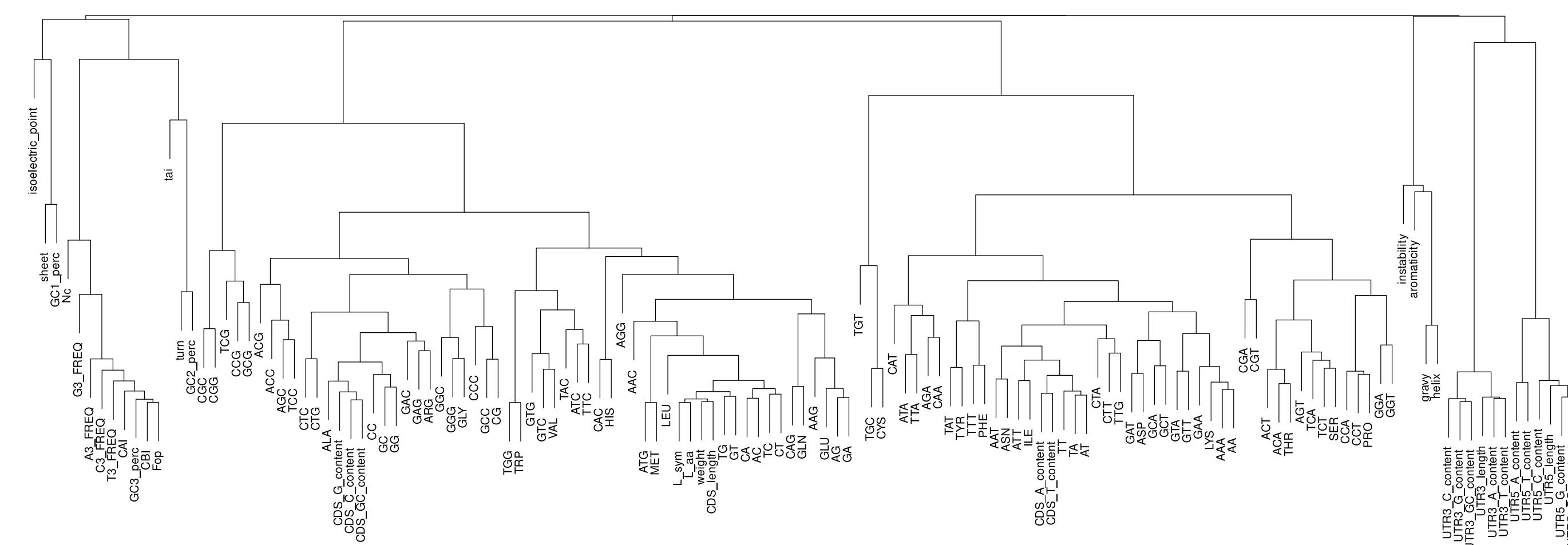
Preliminary data

1. Target set

Data from lung cancer cells depleted for ADAT2



2. Feature set



Lower-order features + higher order features

Machine learning pipeline

