

## **Additional document 8**

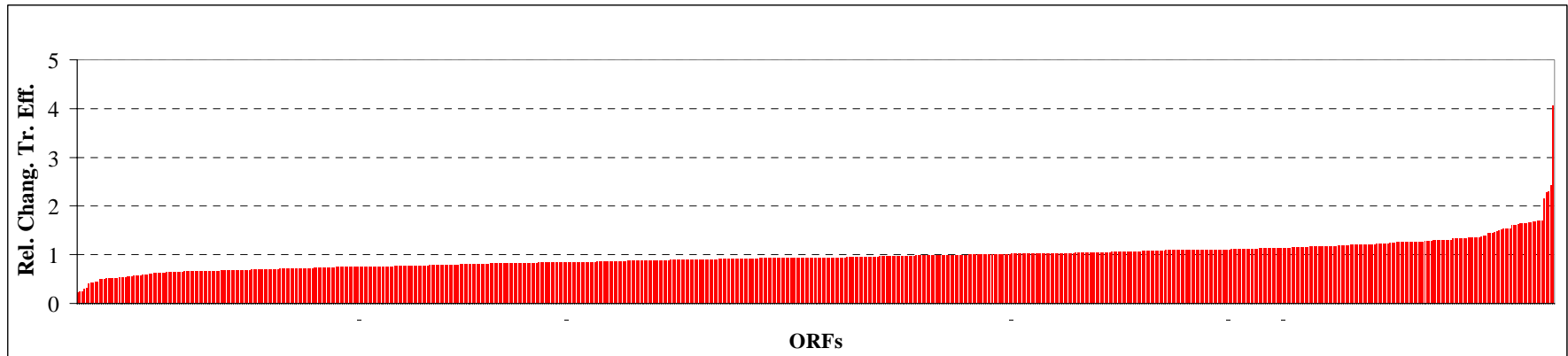
### **Global distributions of relative changes in translational control efficiencies**

**Rel. Ch. Trlc. Eff.** (relative changes from 0. 1 to 0.2 h<sup>-1</sup>)

(natural values)

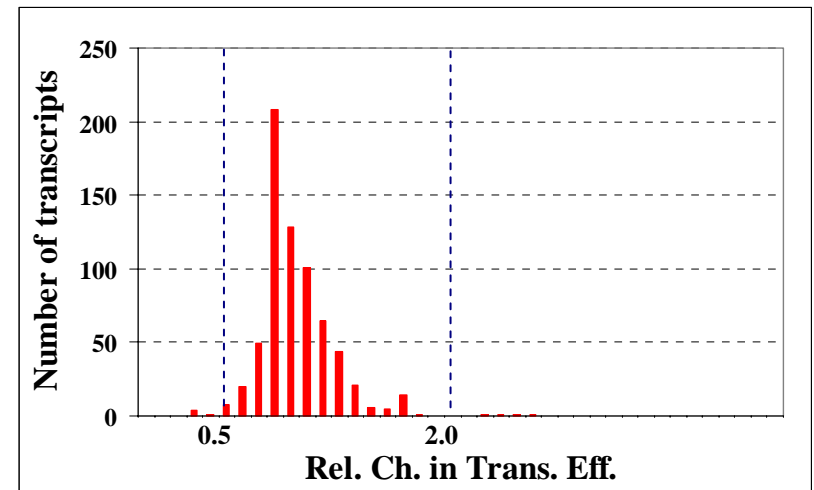
# Global distribution of relative changes in translational control efficiencies ( Rel. Ch. Trlc. Eff. from $\mu = 0.1$ to $0.2 \text{ h}^{-1}$ )

## Carbon limitation



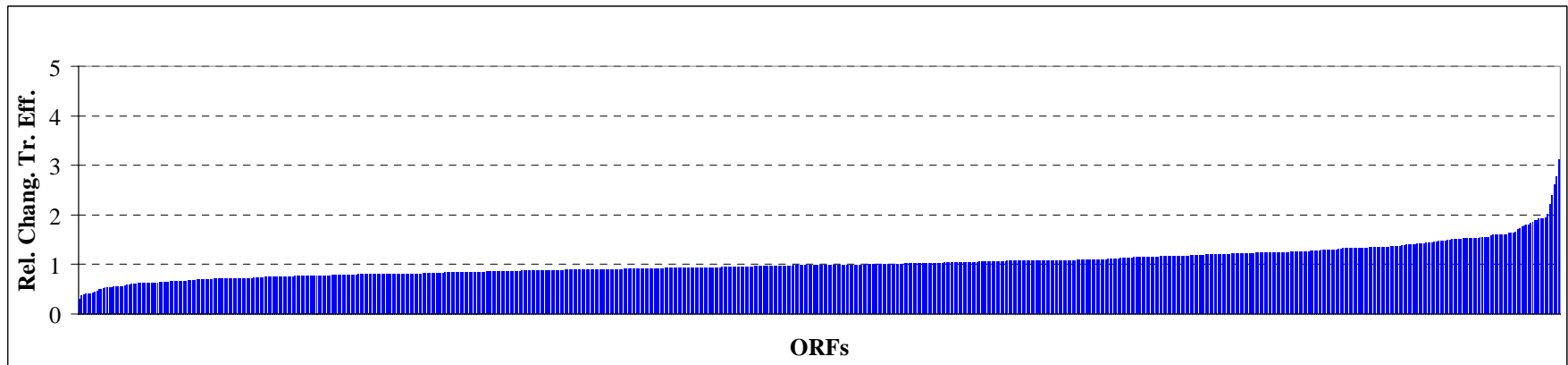
**Carbon limitation:** From  $\mu = 0.1$  to  $0.2 \text{ h}^{-1}$

Proportion of transcripts that change their Trlc. Eff. in the range  $[0.5 - 2] = 97\%$



# Global distribution of relative changes in translational efficiencies ( Rel. Ch. Trlc. Eff. from $\mu = 0.1$ to $0.2 \text{ h}^{-1}$ )

## Nitrogen limitation



**Nitrogen limitation:** From  $\mu = 0.1$  to  $0.2 \text{ h}^{-1}$

Proportion of transcripts that change their Trlc. Eff. in the range  $[0.5 - 2] = 97\%$

