

S1 Text. Simulation details of the temperature denaturation curve of the c-Myc*/ΔMax* heterodimer.

The curve was simulated with the model of a dimer dissociating into two unfolded monomers as described in [23]. The enthalpy at T° ($304.9 \text{ K} \pm 0.3 \text{ K}$), $\Delta H_u^\circ(T^\circ)$ was found to be $69.5 \text{ kcal}\cdot\text{mol}^{-1} \pm 3 \text{ kcal}\cdot\text{mol}^{-1}$. A $\Delta C_{p,u}^\circ$ of $0.5 \text{ kcal}\cdot\text{mol}^{-1}\cdot\text{K}^{-1}$ was used in the procedure. $1/K_{\text{Dimer}}$ (20°C) and (37°C) values of $4.9 \cdot 10^{-7}$ and $1.6 \cdot 10^{-4}$, respectively, were calculated from the stability curves ($\Delta G_u^\circ(T)$) as described in [25].