Thermostability measurements. The stability to irreversible thermal denaturation was quantified as $T_{50}$, the temperature at which half of the protein irreversibly denatured after a 10 minute incubation. Curves show the percent of the protein remaining after incubation at the indicated temperatures. The $T_{50}$ was determined by fitting the data to a sigmoidal curve of the form $f (T) = \frac{100}{1 + e^{a(T-T_{50})}}$ where $T$ is the temperature and $f (T)$ is the percent of protein remaining at temperature $T$. 