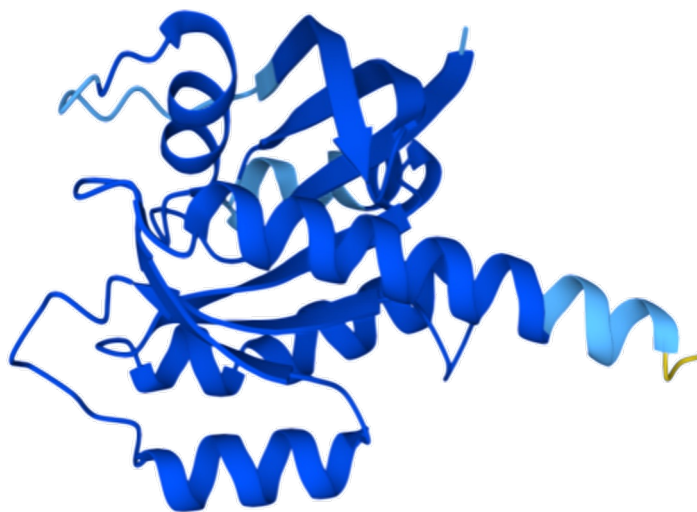


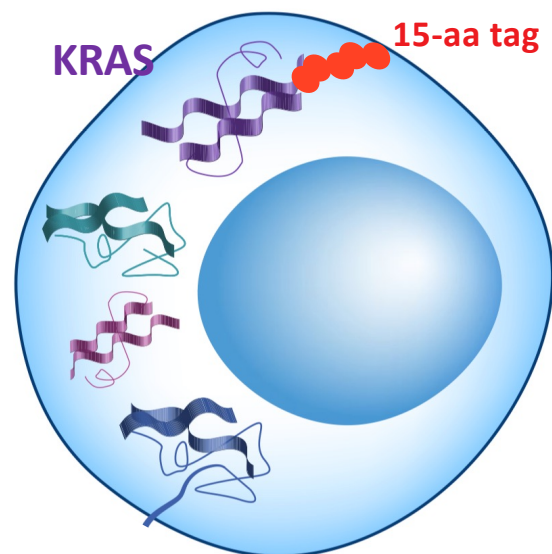
Case Study: KRAS

Real-Time Step-Gradient Cell Target Engagement

KRAS -- Real-Time Cell target Engagement

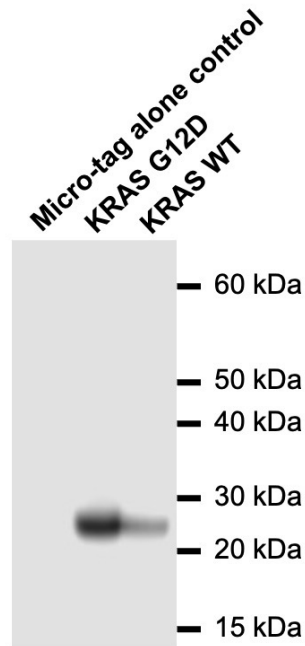


Molecular structure of
KRAS.

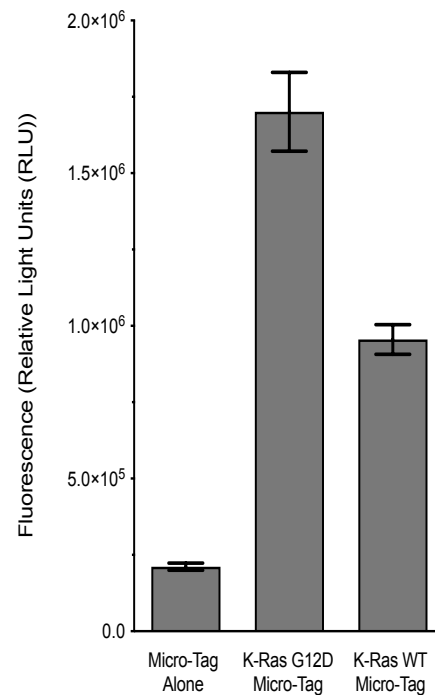


Reporter cells expressing
KRAS Micro-Tag.

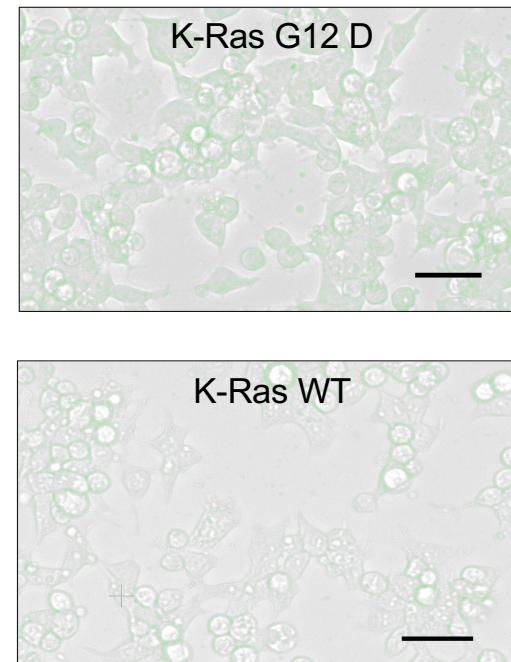
KRAS -- Real-Time Cell target Engagement



Immunoblot of the
KRAS MICRO-TAG
constructs.

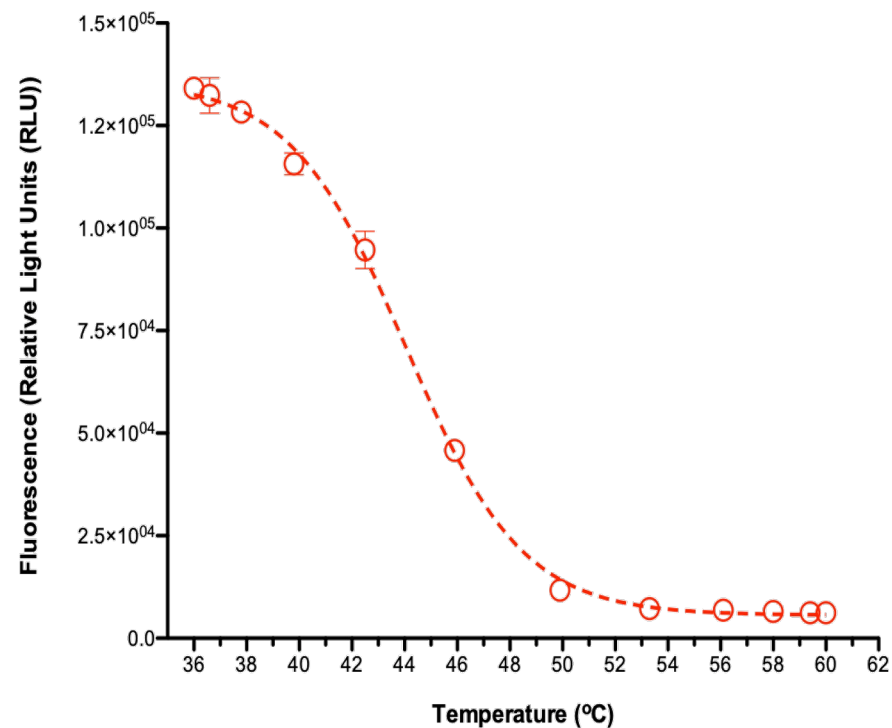
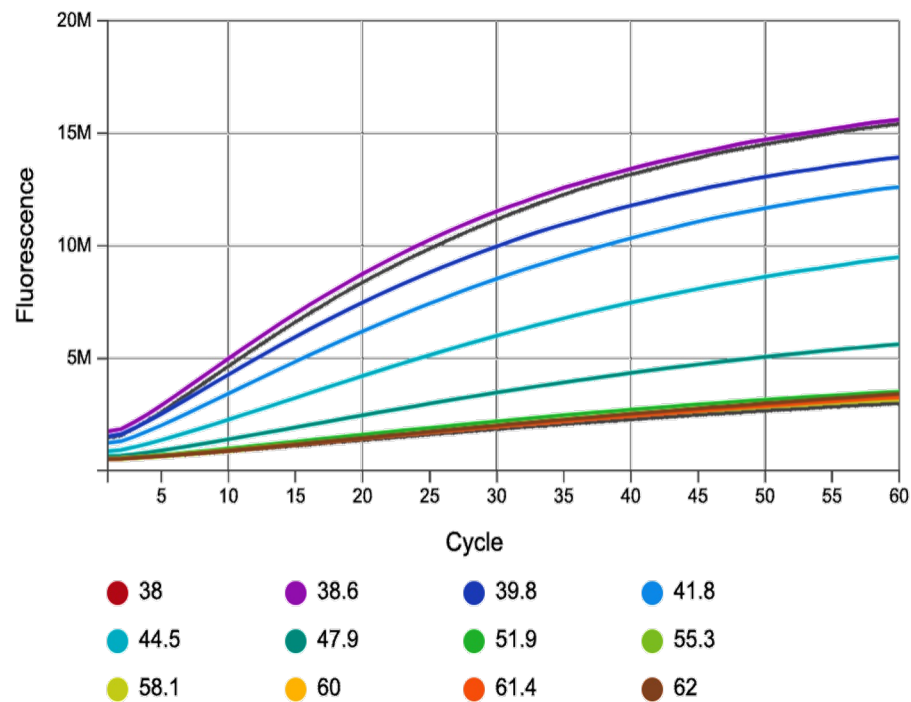


Fluorescence generated by
enzyme complementation
of KRAS constructs.



Real-time live-cell imaging.
Fluorescence of target-induced
enzyme complementation is in green

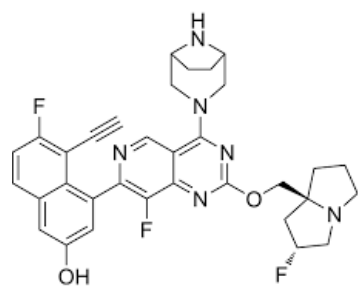
KRAS – Thermal Melting Profile (Optional)



T-agg(50) point for KRAS is optionally detected as 44C.
This is consistent with previous reports.

KRAS

Real-time method



MRTX1133

