

CORRECTION

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rsc.li/rsc-chembioCorrection for 'Dynamic conformational equilibria in the active states of KRAS and NRAS' by Enrico Rennella et al., *RSC Chem. Biol.*, 2025, **6**, 106–118, <https://doi.org/10.1039/D4CB00233D>.

The authors regret two instances of incorrectly displayed data in the published article whereby the conformation states corresponding to inactive (state 1) and active (state 2) have been mislabelled and should be swapped.

One instance is in a line of text on page 113 under the subheading “Hydrogen/deuterium exchange mass spectrometry” and a second instance is in Fig. 2 in the originating manuscript. The corrected manuscript text, figure and accompanying text are below. The conclusions of the paper have not been affected.

“Again, this is in line with the observations from ³¹P NMR, although the extent to which these regions saw increases in deuterium incorporation in HDX-MS was surprisingly large, given the relatively small shift seen in ³¹P NMR from active state-2 to inactive state-1 (70/30 in wildtype to 50/50 in G12D).”

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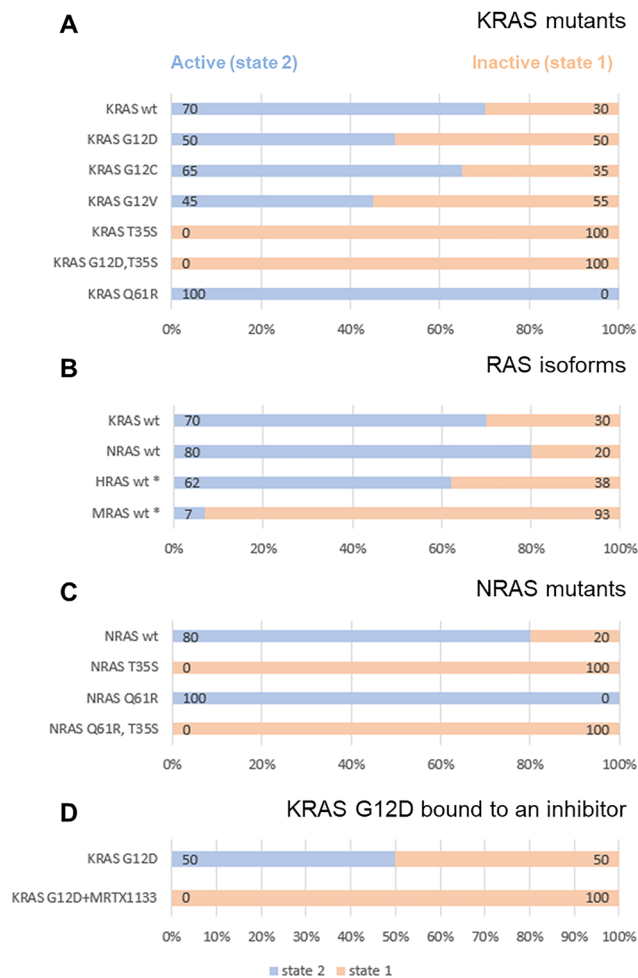


Fig. 2 Populations of state-1 (peach) and state-2 (blue) as determined by ^{31}P NMR in (A) KRAS mutants, (B) RAS isoforms, (C) NRAS mutants, (D) KRAS G12D complexed with an inhibitor. All corresponding ^{31}P spectra are shown in Fig. 1A. All RAS proteins were bound to GMPPNP and measurements were carried out at 7 °C. The asterisk (*) refers to previously published data on HRAS²² and MRAS.^{25,29}

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

