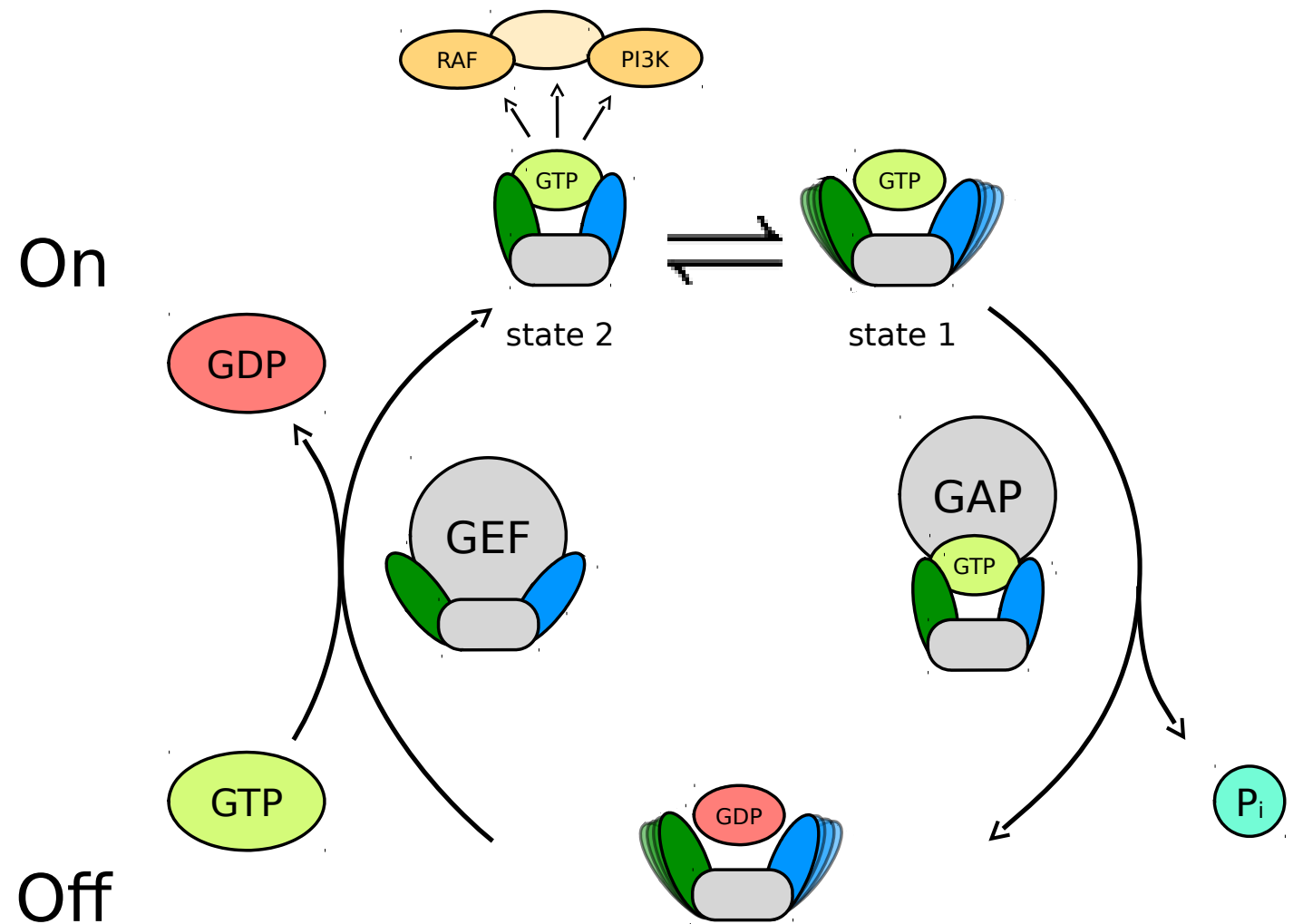




# K-Ras: Overview

- GTPase
- Involved in signaling networks for cell differentiation, growth, and division
- Ras family mutations present in 15% of cancers; 85% of those are K-Ras



Two “switch” regions, with two states in the GTP-bound form:  
Do oncogenic mutations affect this equilibrium?