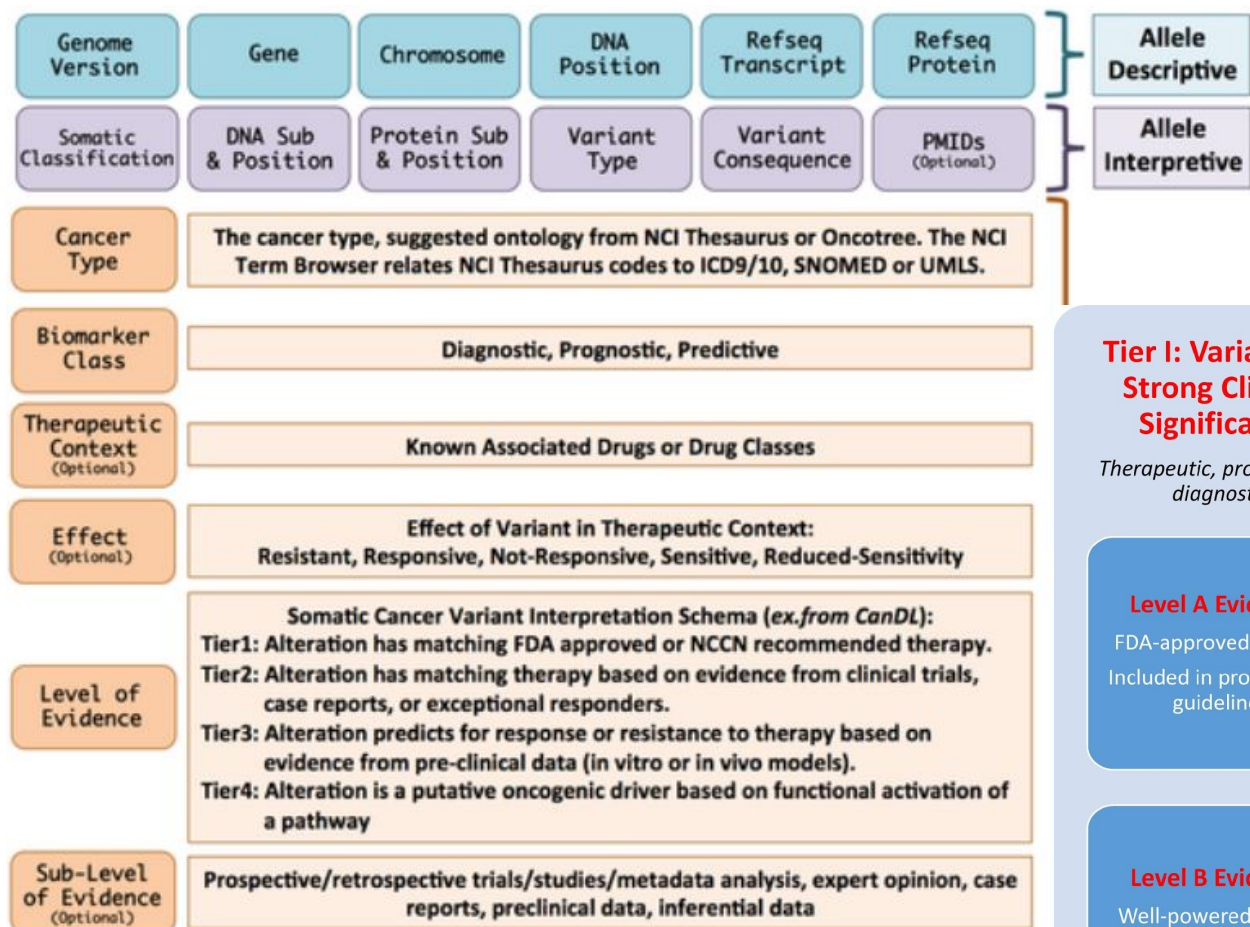


# Levels of Evidence



## AMP/CAP/ASCO

### Tier I: Variants of Strong Clinical Significance

*Therapeutic, prognostic & diagnostic*

#### Level A Evidence

FDA-approved therapy  
Included in professional guidelines

#### Level B Evidence

Well-powered studies with consensus from experts in the field

### Tier II: Variants of Potential Clinical Significance

*Therapeutic, prognostic & diagnostic*

#### Level C Evidence

FDA-approved therapies for different tumor types or investigational therapies  
Multiple small published studies with some consensus

#### Level D Evidence

Preclinical trials or a few case reports without consensus

### Tier III: Variants of Unknown Clinical Significance

Not observed at a significant allele frequency in the general or specific subpopulation databases, or pan-cancer or tumor-specific variant databases  
No convincing published evidence of cancer association

### Tier IV: Benign or Likely Benign Variants

Observed at significant allele frequency in the general or specific subpopulation databases  
No existing published evidence of cancer association