ClinGen Somatic Cancer Variant Curation Expert Panel (SC-VCEP) Process - *Updated*

Step 1
Define SC-VCEP Goals & Scope of Work

Somatic cancer community/disease taskforces prioritize VCEPs

A. Identify SC-VCEP leadership and membership

B. Define SC-VCEP scope of work (e.g. disease focus, prioritize gene-variants, define timelines)

C. Address COI

Submit Completed Step 1 application materials to Somatic CDWG and CDWG OC

Step 2
Develop Variant Classification Rules

D. Develop gene-disease specific somatic variant classification rules

- *Review current AMP/ASCO/CAP, MVLD, CIViC variant classification guidelines to identify areas for further specification.*
- *If applicable develop computational approaches for variant classification*

Submit Completed Step 2 application materials and present to CVI

Step 3
Pilot rules

E. Pilot rules from Step 2 with prioritized somatic variants and refine as needed

F. Provide at least 5 somatic variant assertions in CIViC that represent the content that will be submitted to ClinVar.

Submit Completed Step 3 application materials to CDWG OC for approval

Step 4
Implementation

G. Define plans for ongoing variant curation, expert review, reanalysis and discrepancy resolution of variant assertions in CIViC and subsequent ClinVar submissions.

Submit Completed Step 4 application materials and present to CDWG OC for final approval