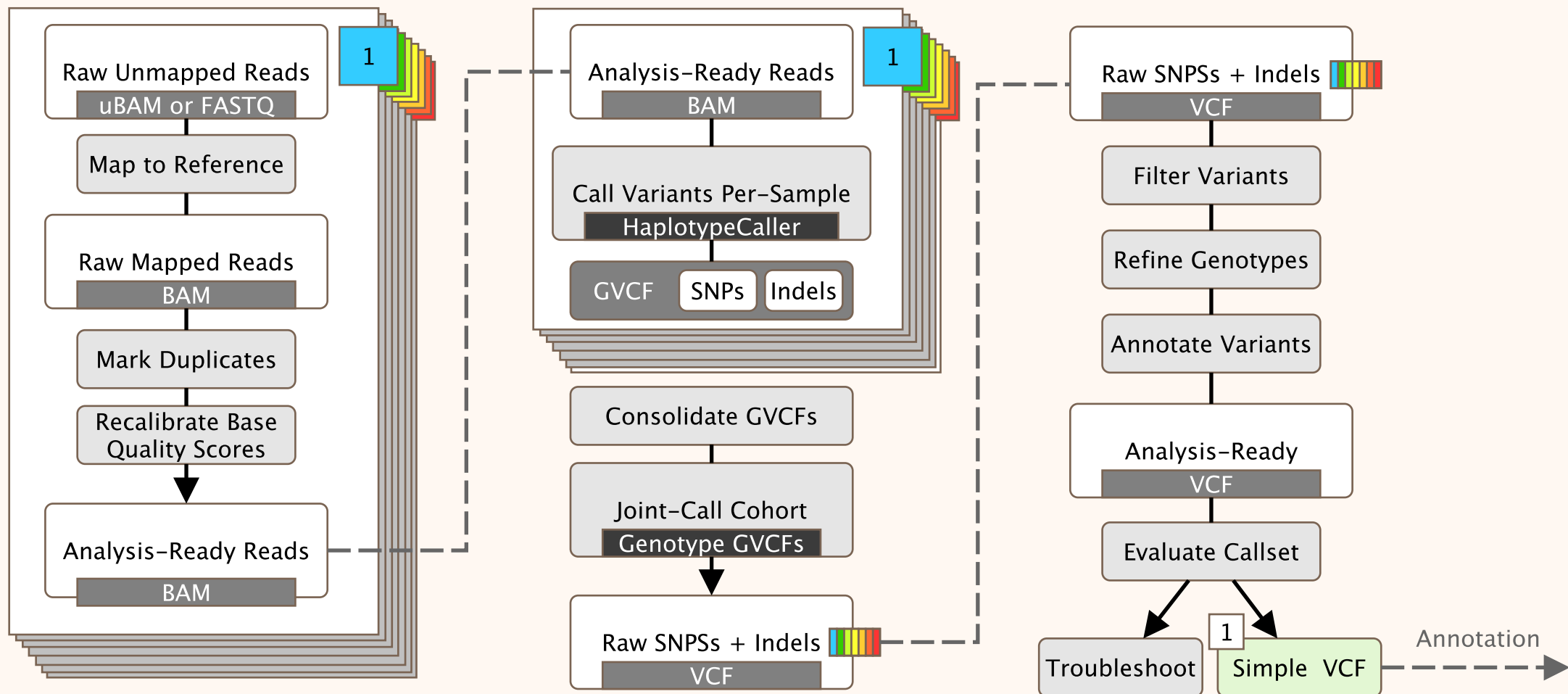
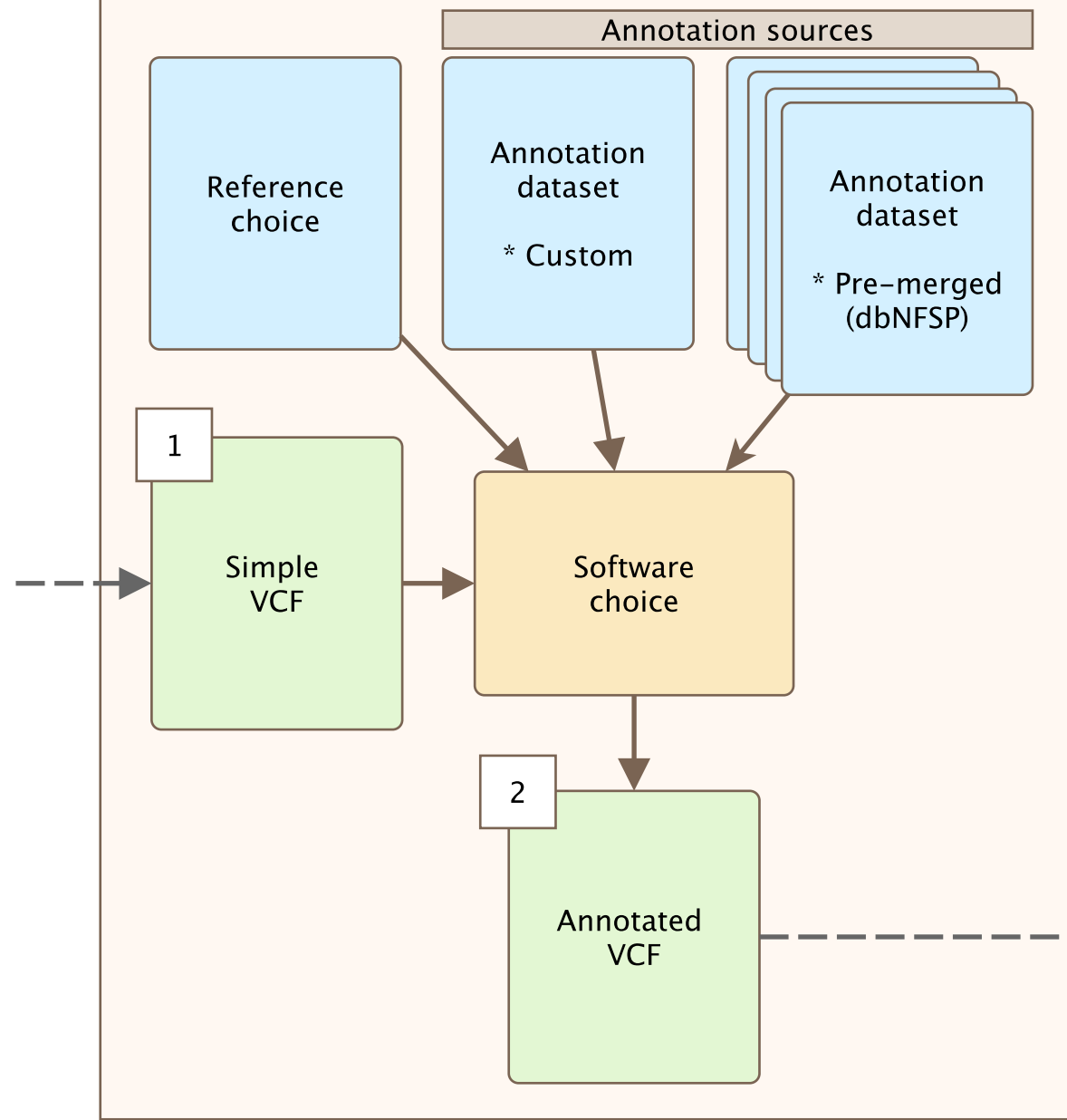


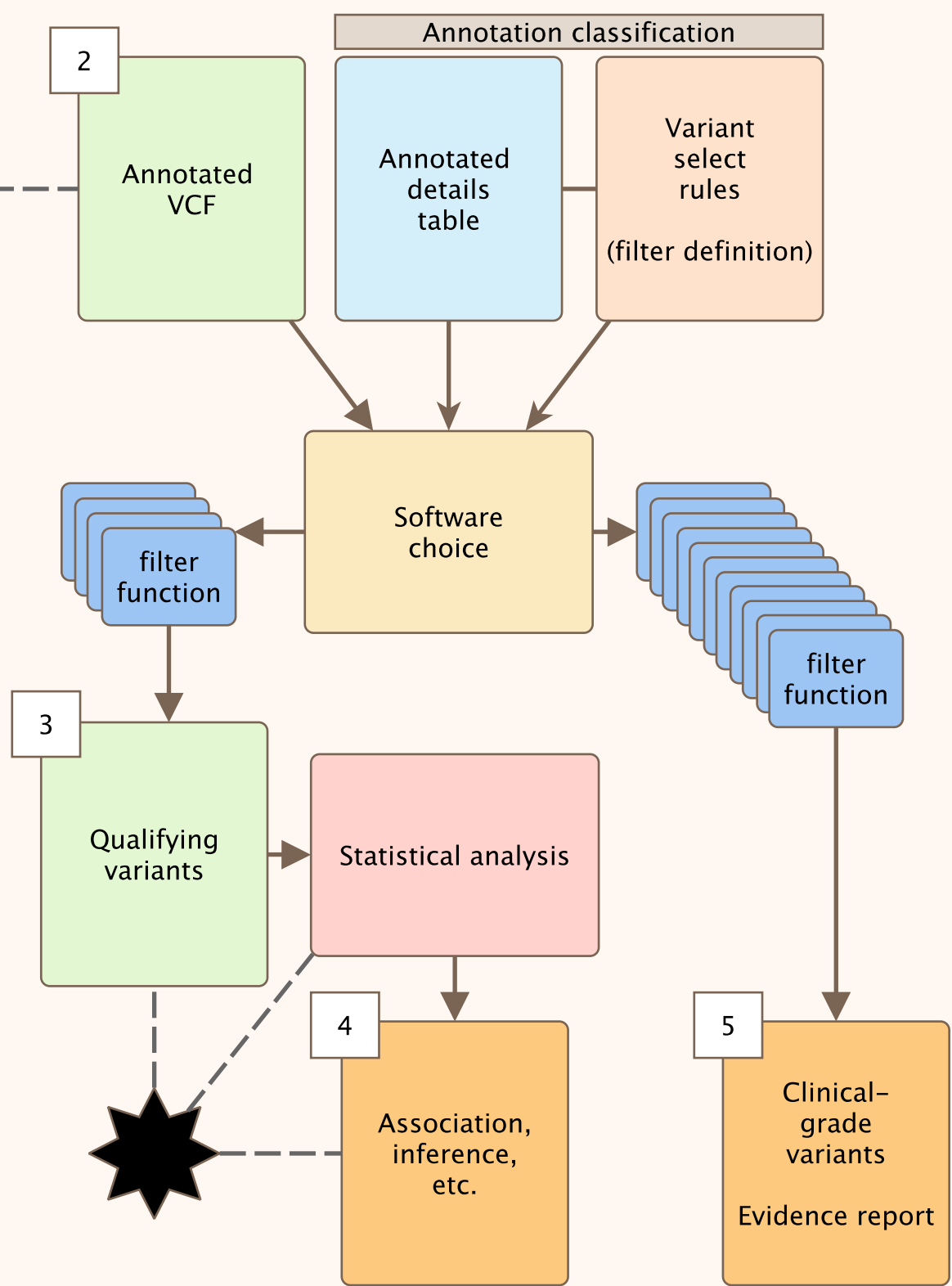
GATK workflow



Annotation



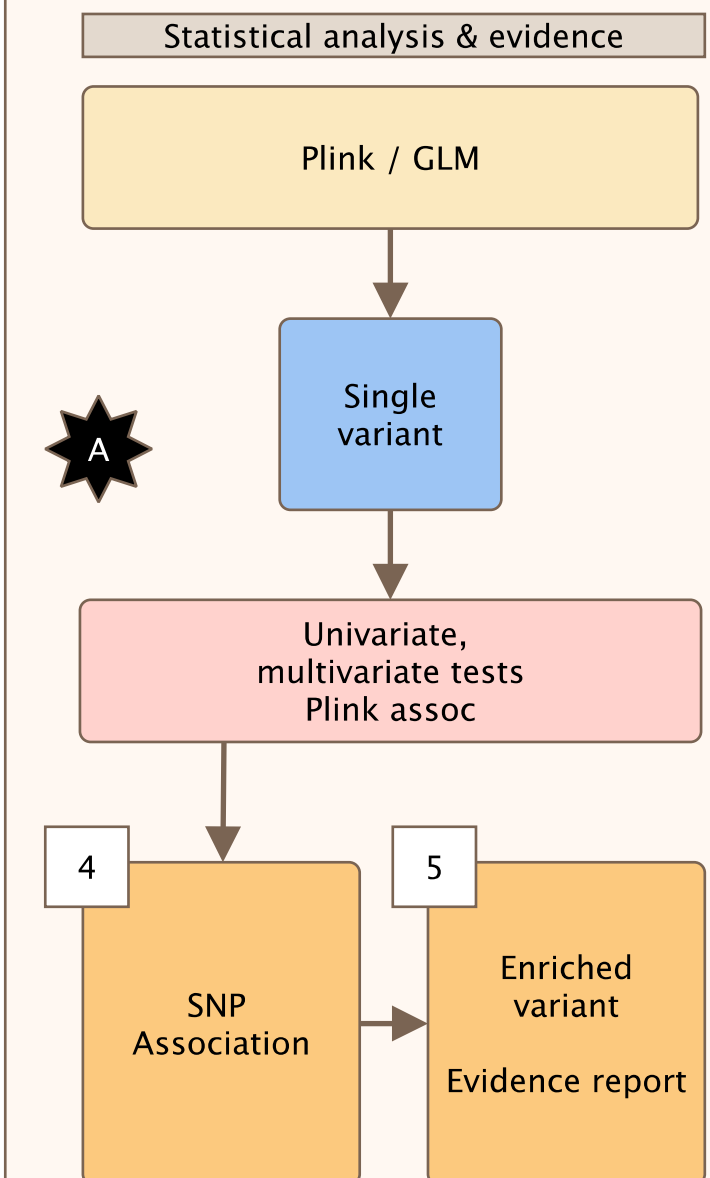
Filtering



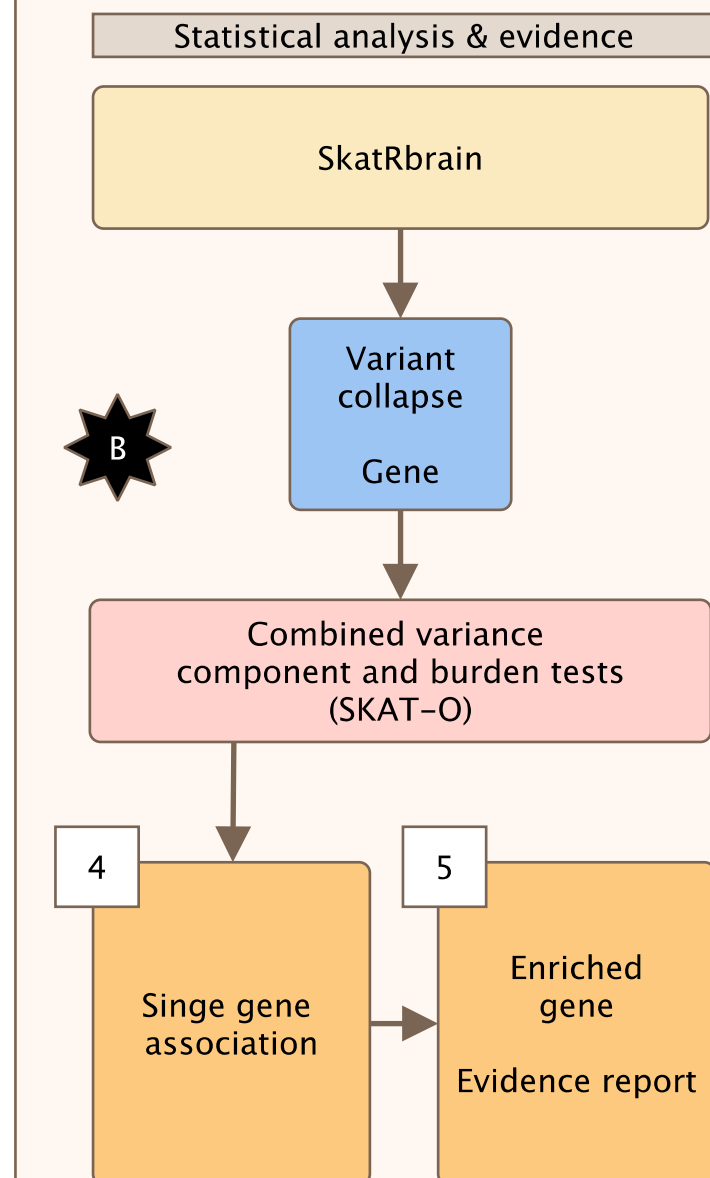
[Box 1] GATK workflow illustrates germline short variant discovery (SNVs + Indels). Source re-illustration from gatk.broadinstitute.org. Annotation and filtering.

[Box 2] Statistical analysis, evidence detection, pathway clustering, and final reporting.

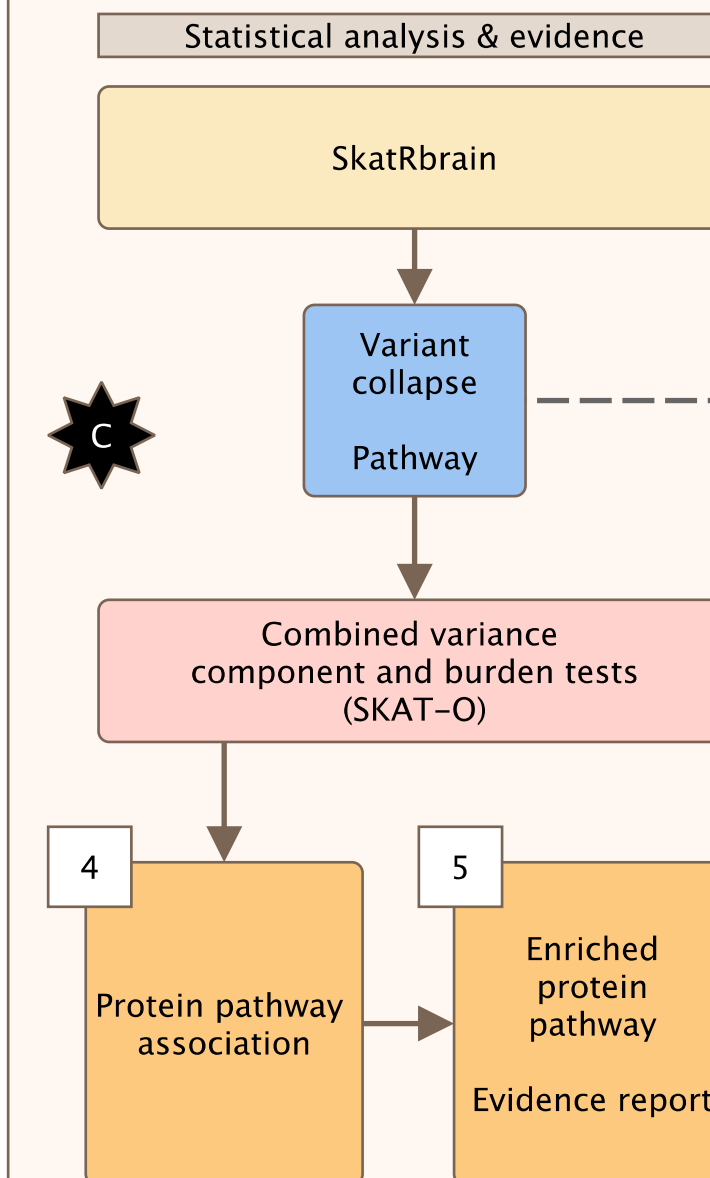
Single variant analysis



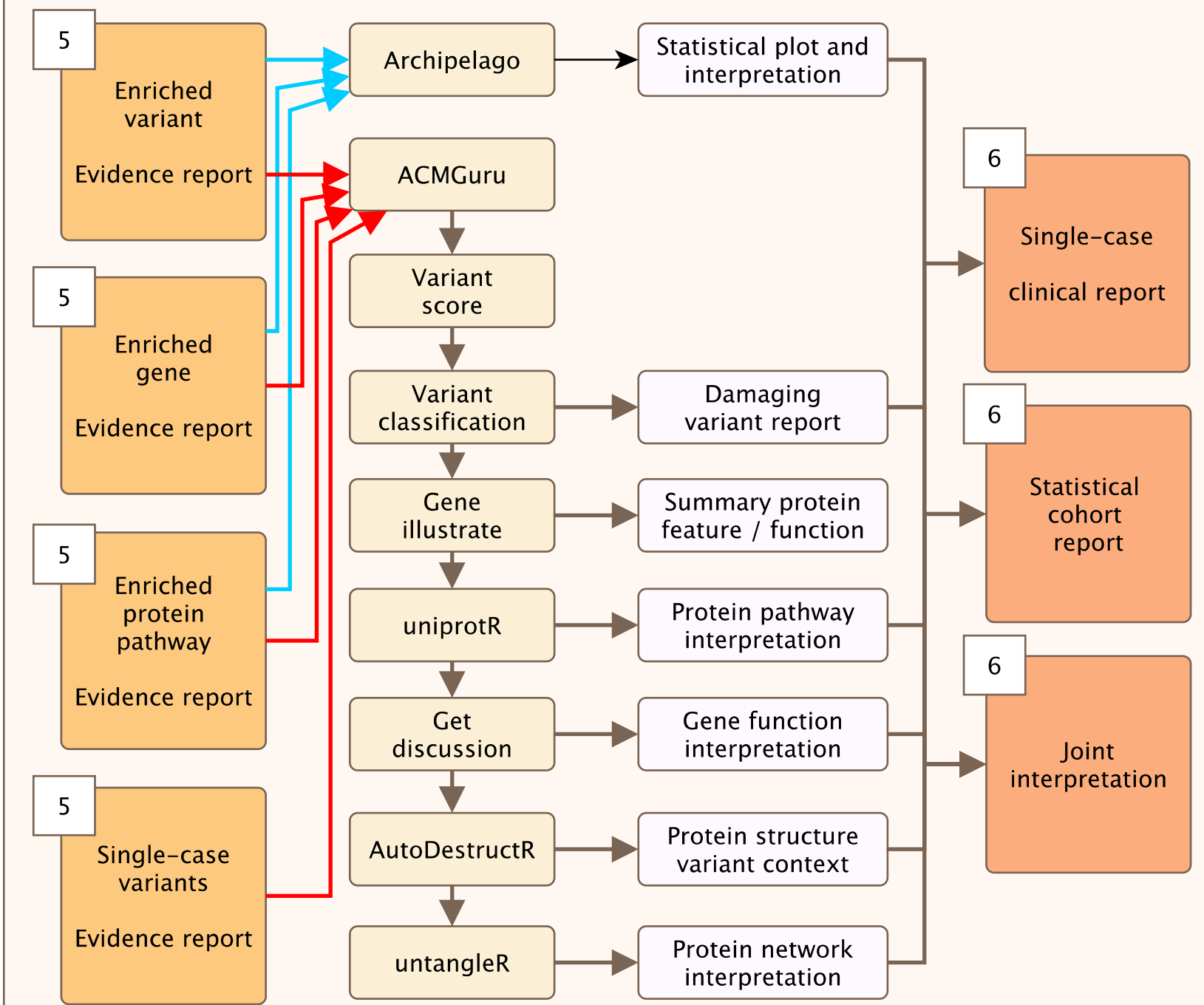
Single gene analysis



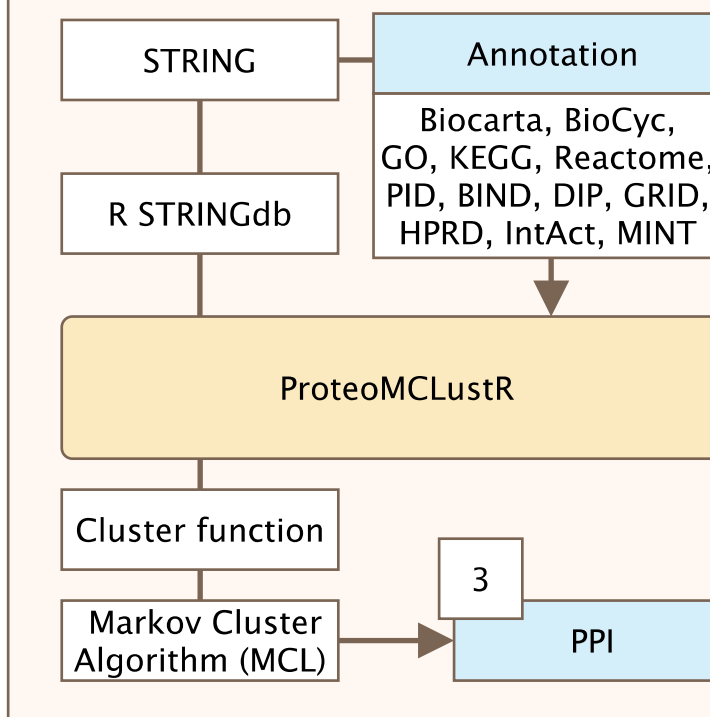
Protein pathway analysis



Joint interpretation



Protein pathway network construct



Color legend

