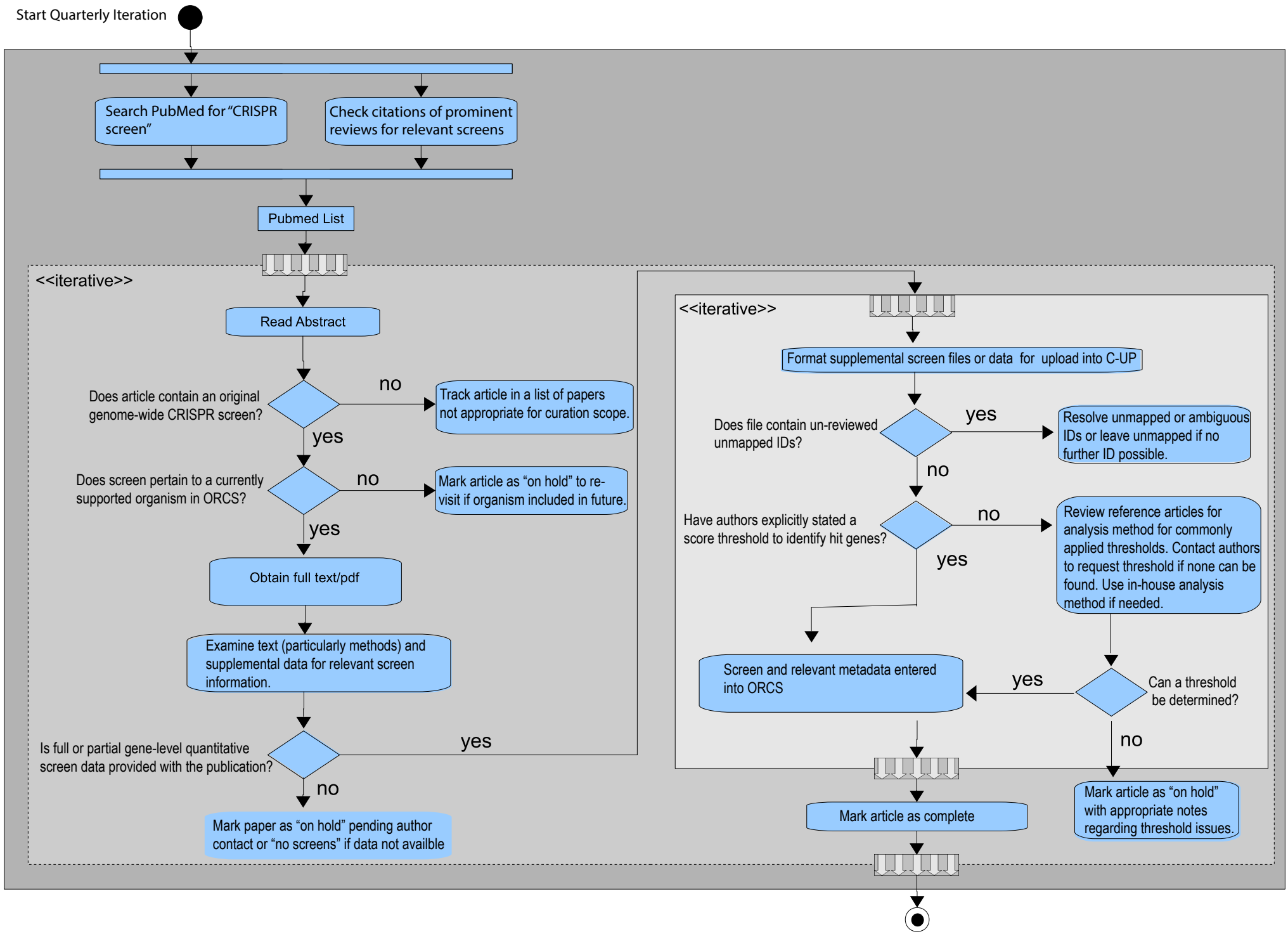
Start Quarterly Iteration
Search PubMed for "CRISPR screen"
Check citations of prominent reviews for relevant screens
Pubmed List
<<iterative>>
Read Abstract
Does article contain an original genome-wide CRISPR screen?
no
Track article in a list of papers not appropriate for curation scope.
yes
Does screen pertain to a currently supported organism in ORCS?
no
Mark article as "on hold" to re-visit if organism included in future.
yes
Obtain full text/pdf
Examine text (particularly methods) and supplemental data for relevant screen information.
Is full or partial gene-level quantitative screen data provided with the publication?
yes
no
Mark paper as "on hold" pending author contact or "no screens" if data not availble
<<iterative>>
Format supplemental screen files or data for upload into C-UP
Does file contain un-reviewed unmapped IDs?
yes
Resolve unmapped or ambiguous IDs or leave unmapped if no further ID possible.
no
Have authors explicitly stated a score threshold to identify hit genes?
no
Review reference articles for analysis method for commonly applied thresholds. Contact authors to request threshold if none can be found. Use in-house analysis method if needed.
yes
Screen and relevant metadata entered into ORCS
yes
Can a threshold be determined?
no
Mark article as "on hold" with appropriate notes regarding threshold issues.
Mark article as complete