



Curated dataset with species suggestions

1st stage - Exclusion (3 criteria)



Species not fulfilling the criteria are excluded

2nd stage - Priorization (11 criteria)

Ranking by decision tree

1st level: Taxonomic representation (1 criterion)



2nd level: Country representation (2 criteria) & Certainty (2 criteria)



3rd level: JEDI (3 criteria)



4th level: Novel leader (1 criterion) & Applicability (2 criteria)



Further ranking by country and individual researcher

Keep the top 10 ranked species



Rank next the best-ranked species for each country not among top 10



Rank the best-ranked species for each individual researcher not among the above



Rank the remaining species in accordance with the decision tree above



3rd stage - Feasibility (11 criteria)

Species not feasible are excluded

For the feasible species

For genera with multiple species suggestions:
keep only best-ranked &
move others to the bottom of the list



Add up genome sizes of best-ranked species:
selected species (38 species, 50 Gb total genome size)
species for waiting list (14 species, 25 Gb total genome size)



Lists of selected and waiting-list, non-selected, non-feasible and excluded species



4th stage - Permits (3 criteria)

Species without required permits are excluded

Sequencing