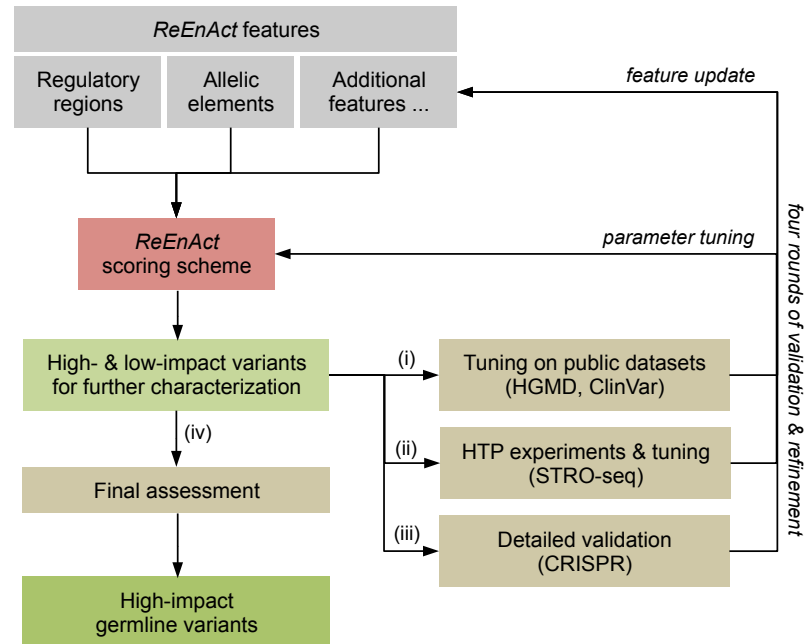


- Year 1**
- develop *ReEnAct* scoring scheme & pipeline
 - 1st round of validation and refinement:
 - tune based on public datasets (i)
 - experimental characterization (ii) of 10K variants
- Year 2**
- 2nd round of validation and refinement:
 - experimental characterization (ii) of 5K variants
 - detailed validation (iii) of 10 variants
- Year 3**
- 3rd round of validation and refinement:
 - experimental characterization (ii) of 5K variants
 - detailed validation (iii) of 10 variants
- Year 4**
- 4th round of validation and refinement:
 - detailed validation (iii) of 10 variants and final assessment (iv)



- Year 1**
- ♦ develop *MegaMute* & *STRO-seq* pipelines
 - ♦ develop *ReEnAct* scoring scheme & pipeline
 - ♦ initial validation and refinement:
 - tune based on public datasets (i)
- Year 2**
- ♦ 1st stage of validation and refinement:
 - experimental characterization (ii) of 10K variants
- Year 3**
- ♦ 2nd stage of validation and refinement:
 - experimental characterization (ii) of 6K variants in 6 iterative runs
 - detailed validation (iii) of 10 variants
- Year 4**
- ♦ Final stage of validation and refinement:
 - experimental characterization (ii) of 5K variants
 - detailed validation (iii) of 10 variants
 - final assessment (iv)

