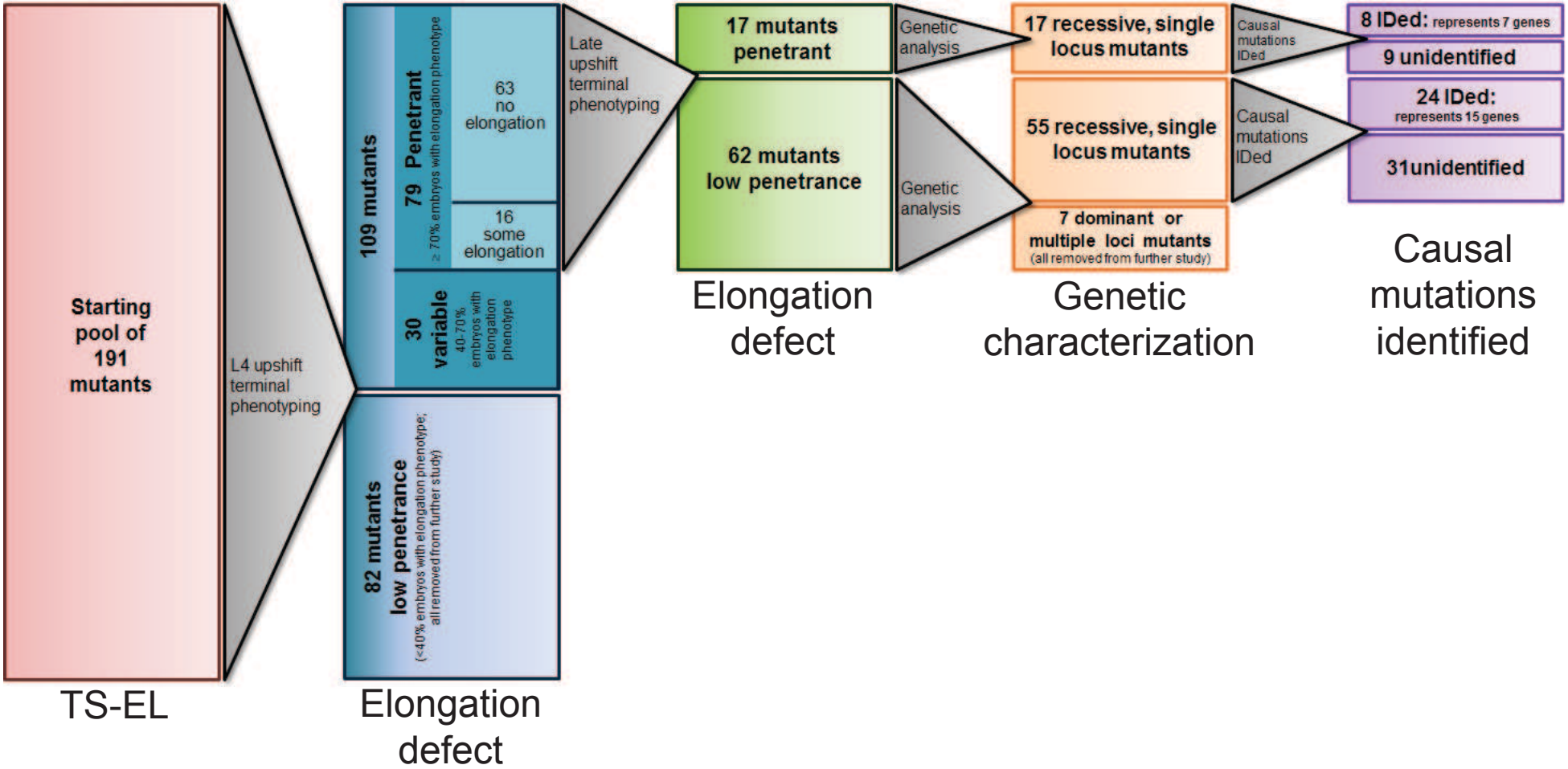
Starting pool of 191 mutants
L4 upshift terminal phenotyping
109 mutants
79 Penetrant
≥ 70% embryos with elongation phenotype
63 no elongation
16 some elongation
30 variable
40-70% embryos with elongation phenotype
82 mutants low penetrance
(<40% embryos with elongation phenotype; all removed from further study)
Late upshift terminal phenotyping
17 mutants penetrant
62 mutants low penetrance
Genetic analysis
Genetic analysis
17 recessive, single locus mutants
55 recessive, single locus mutants
7 dominant or multiple loci mutants
(all removed from further study)
Causal mutations IDed
Causal mutations IDed
8 IDed: represents 7 genes
9 unidentified
24 IDed: represents 15 genes
31unidentified
TS-EL
Elongation defect
Elongation defect
Genetic characterization
Causal mutations identified