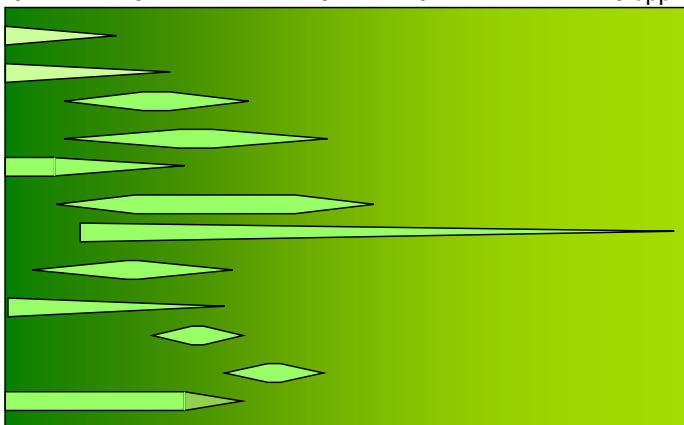




Cell division
 Peak respiration
 Rapid fruit elongation
 Rapid increase diameter
 Surface bloom
 Increase cuticle thickness
 Decrease in chlorophyll
 Presence of warts
 Trichomedensity
 Gelatinous placenta forms
 Hard/tan seed coat forms
 Susceptibility to *P. capsici*



Cell cycle genes

Histones

Ribosomal genes

Photosynthesis/plastid

Cell structure

Lipase/lipid transfer/cuticle

Latex genes

Unknown or cucurbit specific genes

Phloem proteins

Stress proteins

Stress transcription factors

Development transcription factors