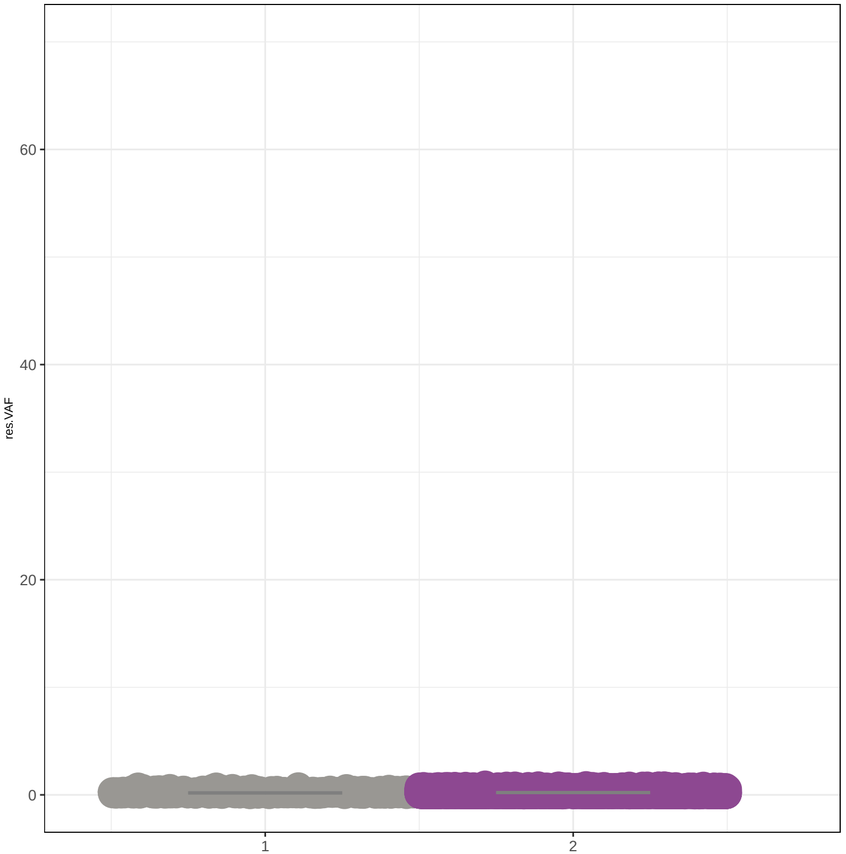

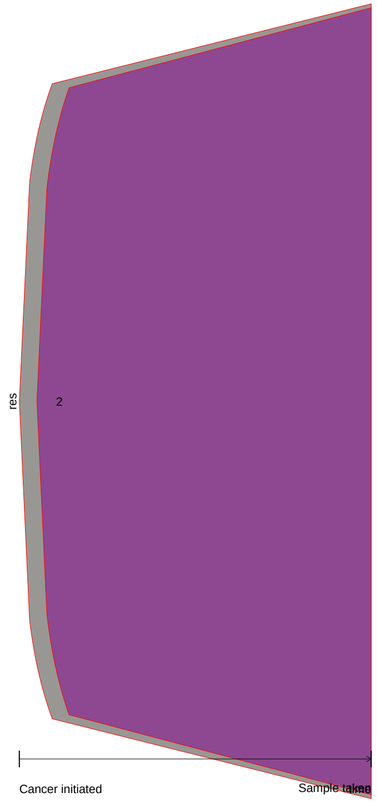

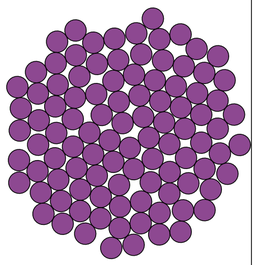

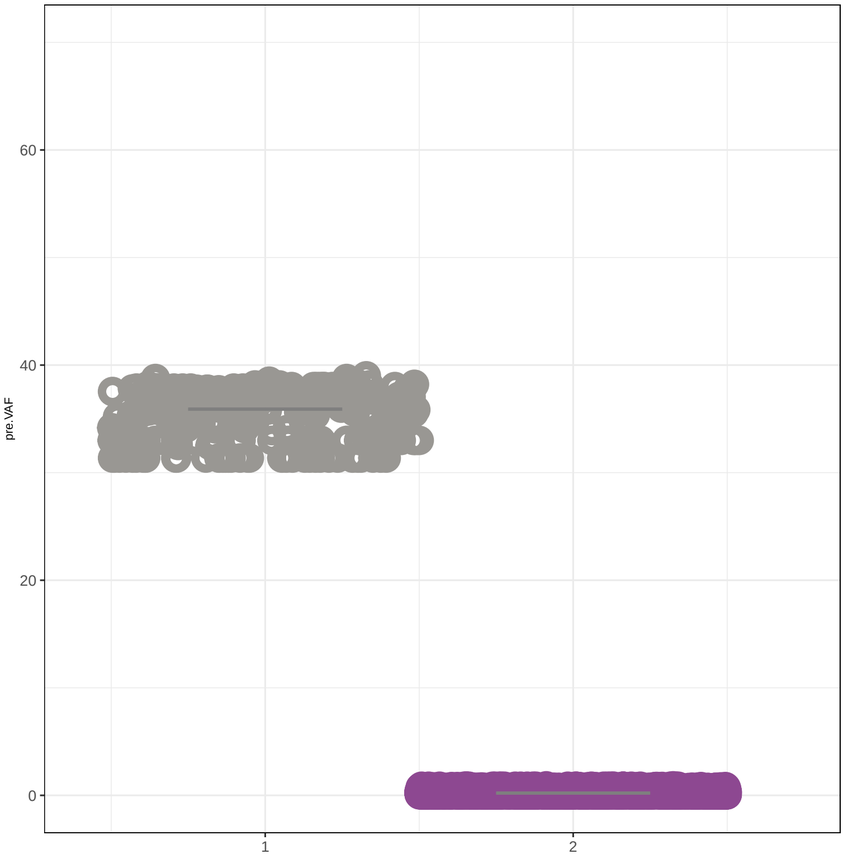

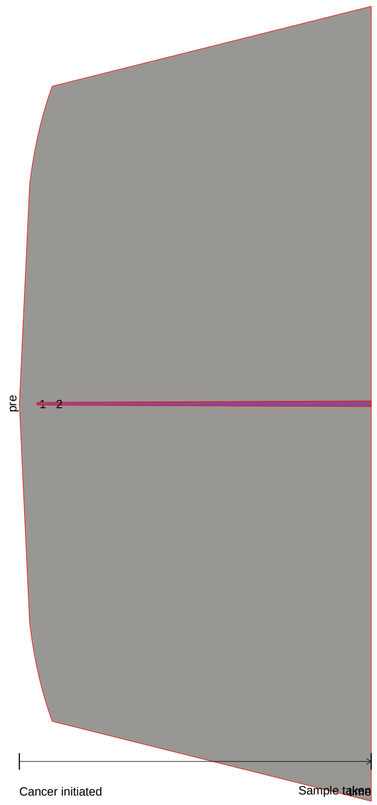

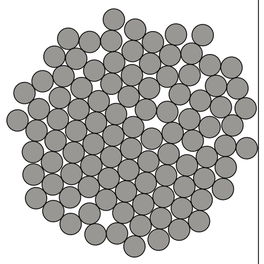

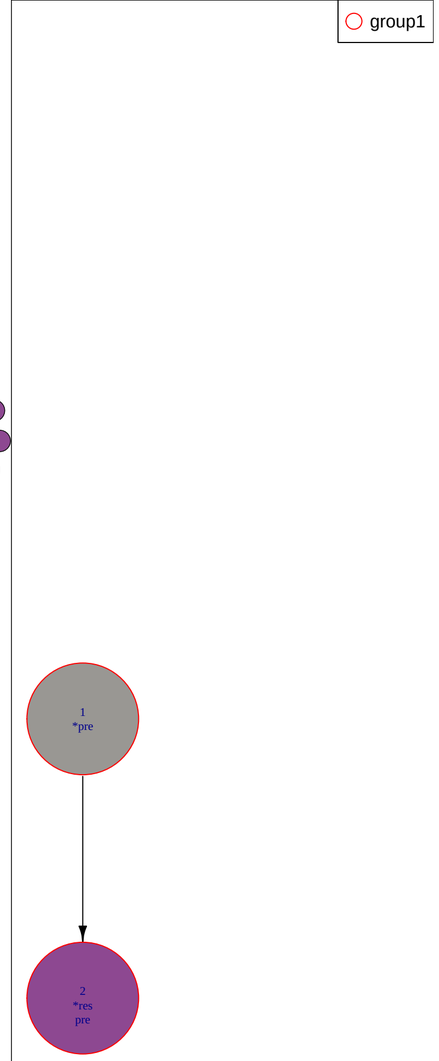

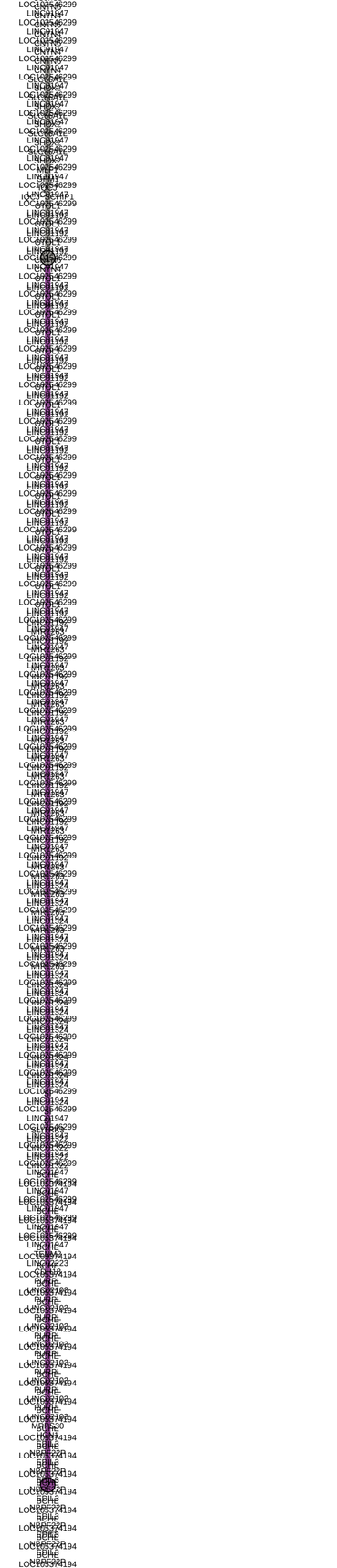

* sample founding clone
° zero cellular fraction
°* ancestor of sample founding clone