The boundary of the gate is the Ki67<sup>+</sup> population. Singlet gate removes The remaining population debris and doublets and Establishing Ki67<sup>+</sup> gate on a.) is the G0 population. used for all further gates the S-phase population 17.78% 93.22% 48.54% millional crossed crossed crossed, CyclinB1 Ki67 The S-phase population is double positive for Ki67 and pRb. b.) 17.78% Two populations are evident in Ki67 and pRb which can be used to demonstrate cycling and not-cycling if IdU is not available 8.57% Cycling population CyclinB1 The G0-phase population shows lower expression for Ki67 and pRb. <u>, millimine i rimine i rimine</u> i rimine, 36.46% Not cycling population

pRb