Amplification
Kit: WTA2 , Complete Whole Transcriptome Amplification Kit

1. Set the PCR thermocycler to run the WTA program
2. If the samples have been stored, allow the DNA and RNA samples to be thawed on ice. Spin the samples down to remove all the liquid from the side of the tube after thawing.
3. In a separate 1.5 ml centrifuge tube, adjust the concentration of the samples to 25 ul of 50 ng/ul
4. Then, mix 5 ul of DNA and 5 ul of its corresponding RNA into a separate 1.5 ml centrifuge tube. Repeat this step for all the samples.
5. For the reference sample, we use RNA and DNA extracted from BJAB (Human B cell line) cells. From 15ng/ul each of BJAB DNA and RNA, 5ul of each were mixed together.

From the DNA+RNA mix of each sample and reference, use 2 ul as the template for WTA amplification. So, for the tmor samples 50 ng each of DNA and RNA is used as the template., i.e 100ng template. For the reference 30ng template is used (15ng each of DNA and RNA).