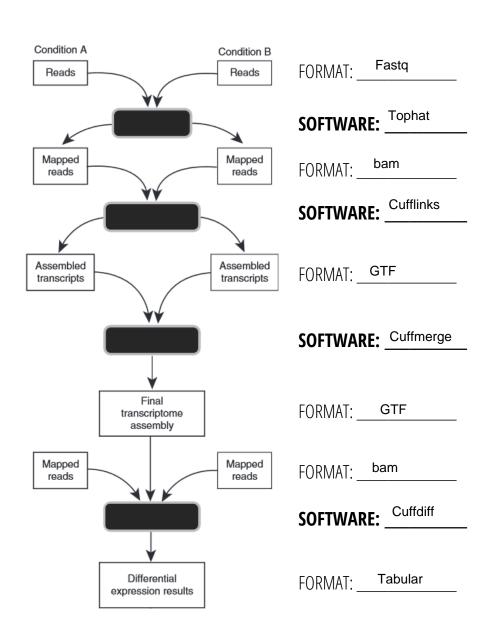
We applied this workflow in the practical. Fill it with the format file and software used in each step:



Would BWA be a choice for mapping the reads? Why did we use TopHat instead?

Because the intronic sequence between splice sites are still present in a genome's sequence and to use bwa we should modify

the genome sequence, while Tophat aligns RNA-Seq reads to mammalian-sized genomes and then analyzes the mapping

results to identify splice junctions between exons

TopHat outputs a file with the splice junctions. What are they?

Splice junctions are the points in the gene where exons are joined together. This points are found where introns are

removed during RNA splicing