



Aggregated score of RAT signal = $\frac{\text{Sum of RAT signal of each relative coordinate}}{\text{Number of genes}}$

- Average normalized aggregated RAT score (ANARS):
- Step1. Normalization by the total number of reads
 - Step2. Substraction of non-oligo control for each replica
 - Step3. Averaging between the two replicas
 - Step4: Normalization by the gene body length
 - Step5: Aggregation of the score of RAT signal