

Result Data interpretation Guide

- **P value** : is the probability for the experimental outcome as observed or more extreme, if there is no difference in expression between the experimental conditions. A small P-value indicates evidence of differential expression, either overexpression or underexpression.
- **logFC** : represents the variation of mRNA abundance across different biological conditions. A positive value mean that the overexpressed and a negative value means that's the gene is underexpressed
- **B value** : the estimate of methylation level using the ratio of intensities between methylated and unmethylated alleles.
 β are between 0 and 1 with 0 being unmethylated and 1 fully methylated
- **UCSC CpG Islands Name**: Chromosomal coordinates of the CpG Island from UCSC.
- **Relation to UCSC CpG Island**: The location of the CpG relative to the CpG island.
- **DMR**: Differentially methylated regions
 - CDMR = Cancer-specific Differentially Methylated Region.
 - RDMR = Reprogramming-specific Differentially Methylated Region.
 - NA = No data