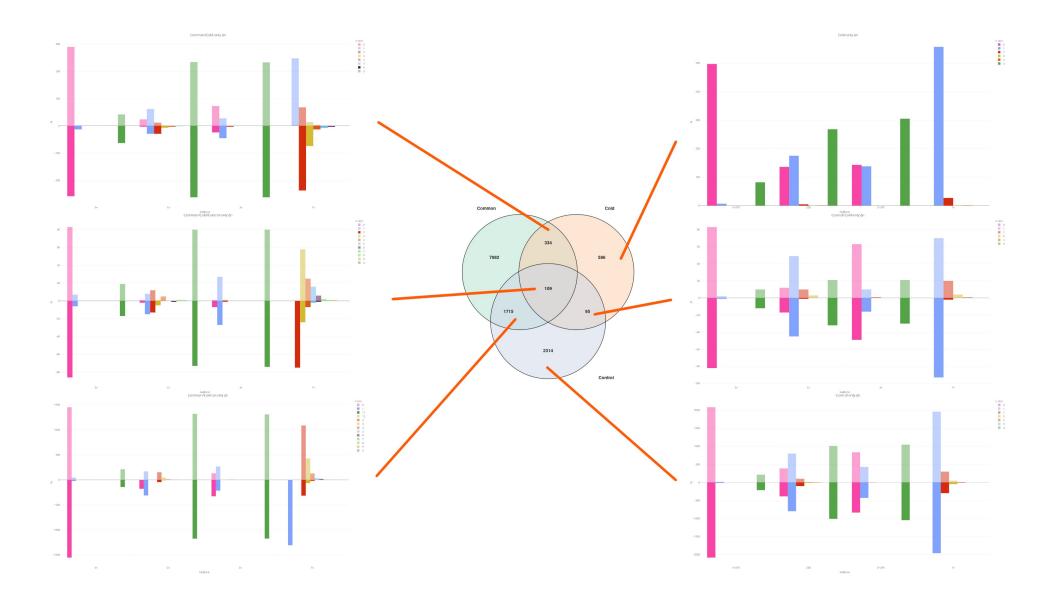
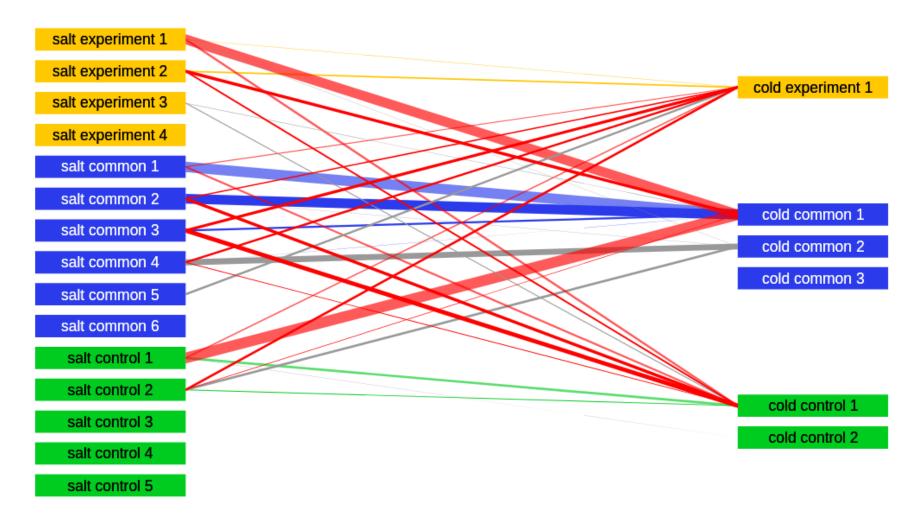
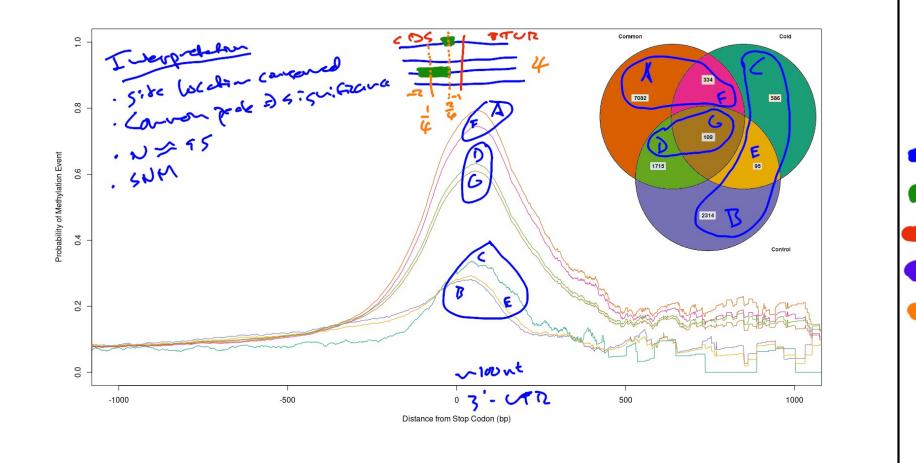
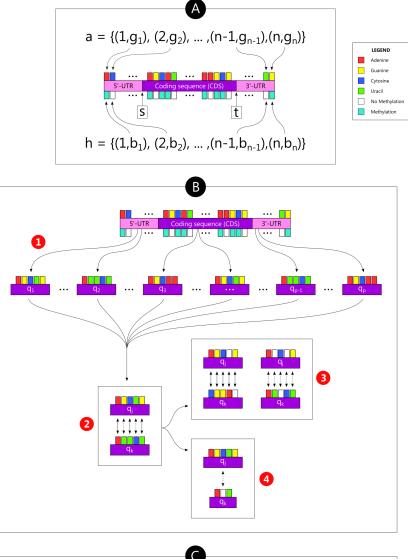
RESEARCH SAMPLES

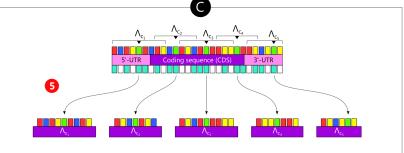


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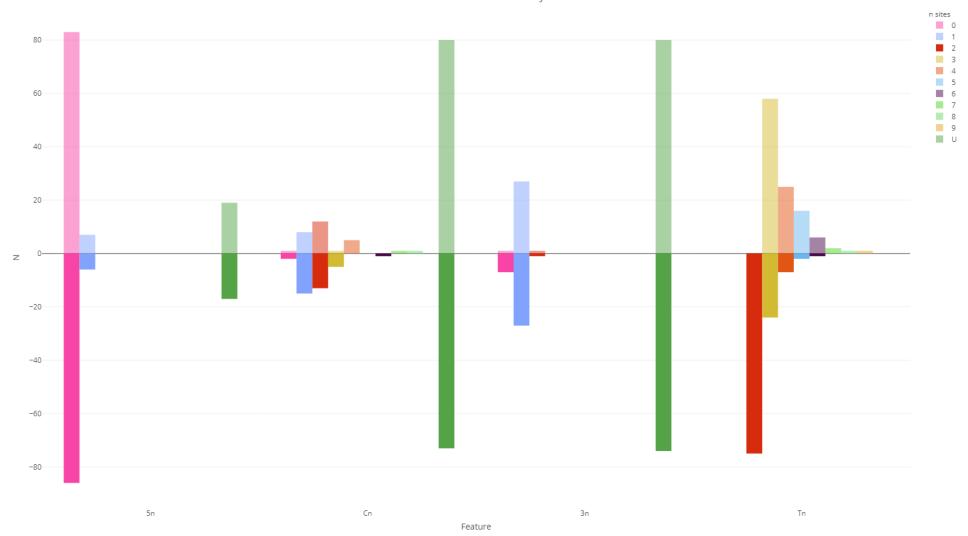


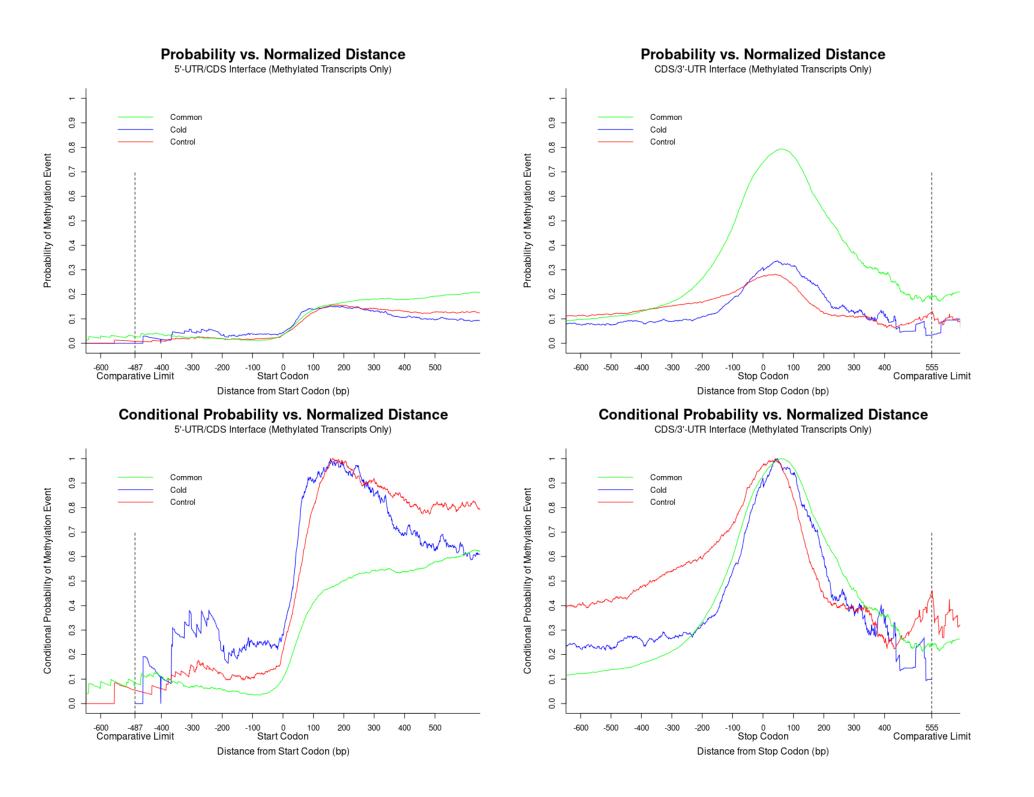






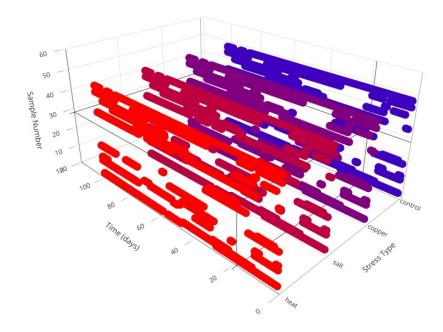
Common/Cold/Control-only ∆n



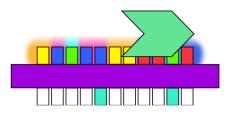


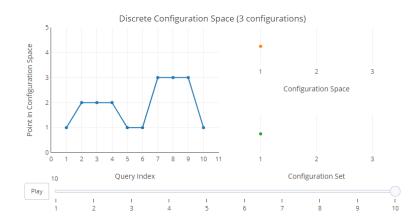
o Q 🕂 🖉 🗄 🔺 🛍 💻 🛅

Factorial Stability



Memory-having Protein, 1 DOF, 3 Configurations





Example Equivalence Classes

~ = "Induces conformation change"



~ = "Does not induce conformation change"

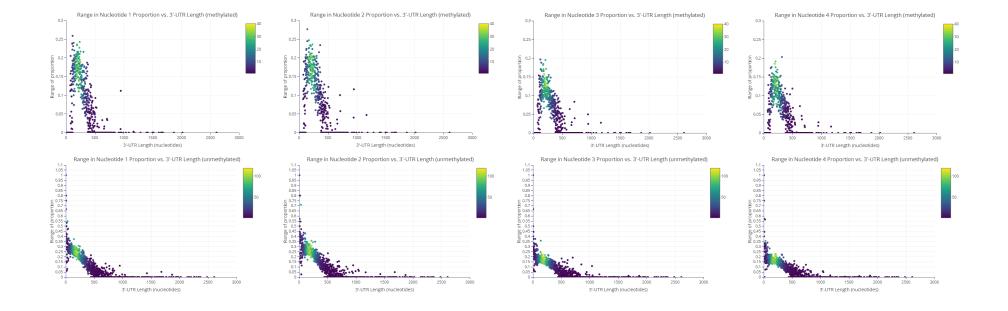


~ = "Conformation allows methylation"



~ = "Conformation does not allow methylation"

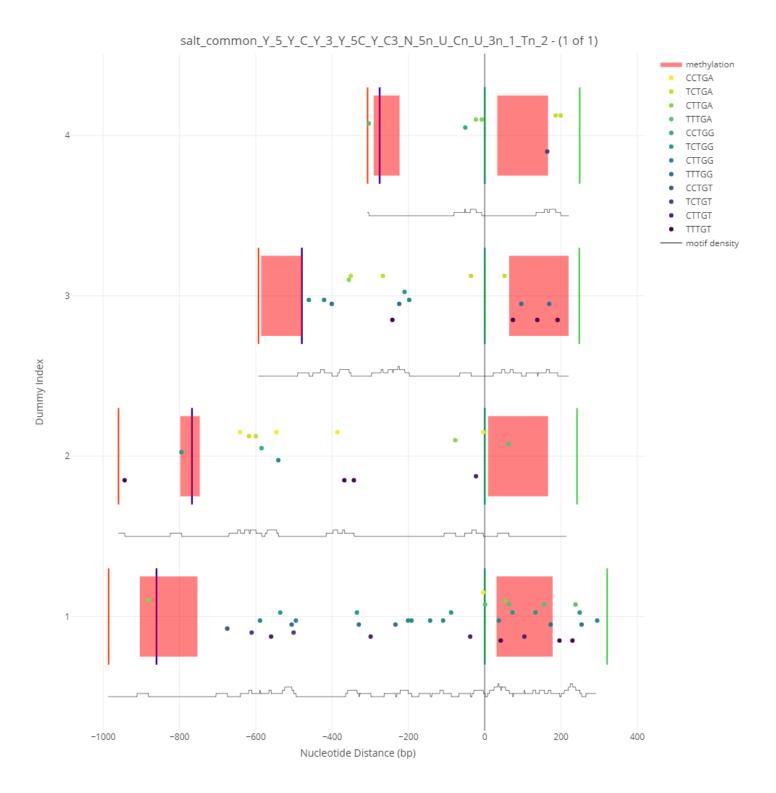




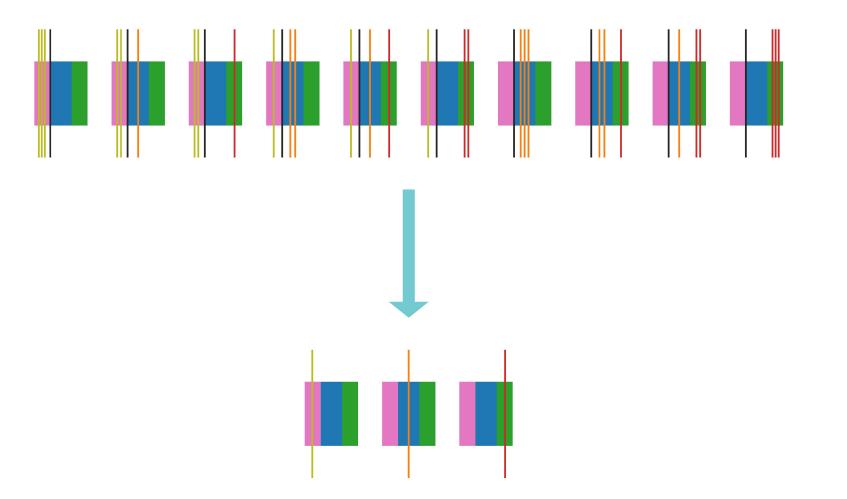
0.005 -0.004 -Relative Frequency of Methylation Event Sample Size 120 90 60 30 0.000 -200 -100 100 -200 0

Relative Frequency of Methylation Event vs. Distance from Stop Codon (Salt Common) Measurement resolution of 100 nucleotides

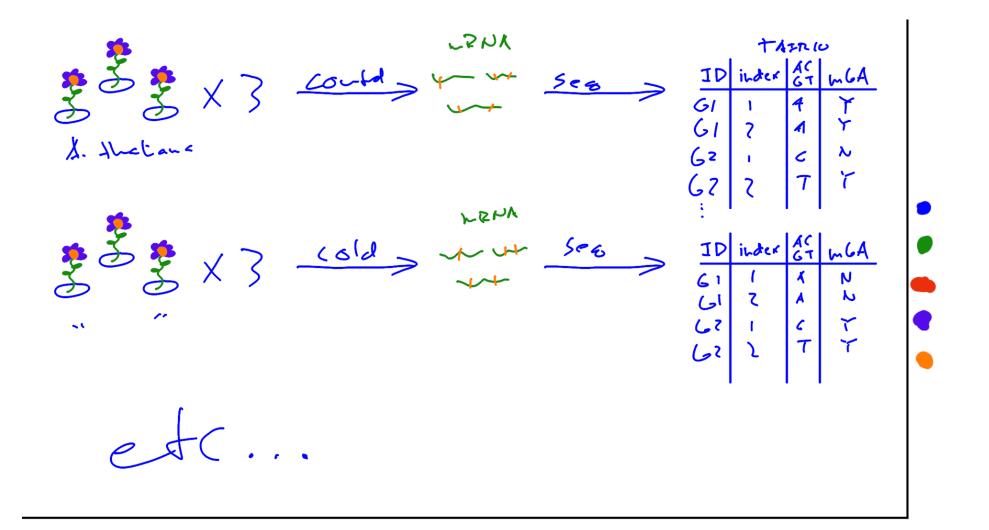
Distance from Stop Codon (Nucleotides)

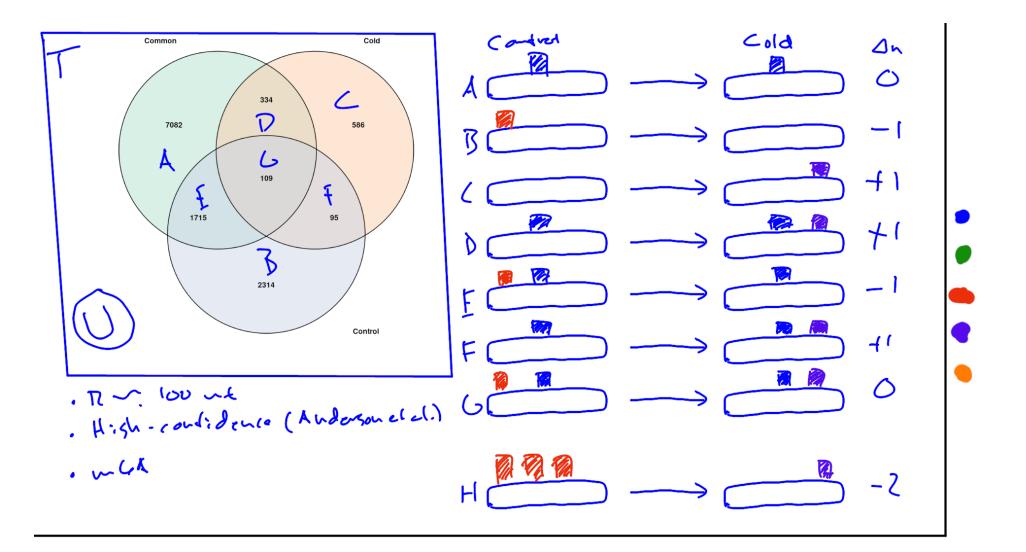


(4) U_U_0 → 0_1_0 (1)

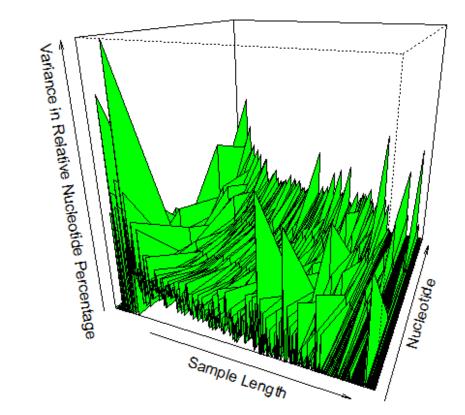


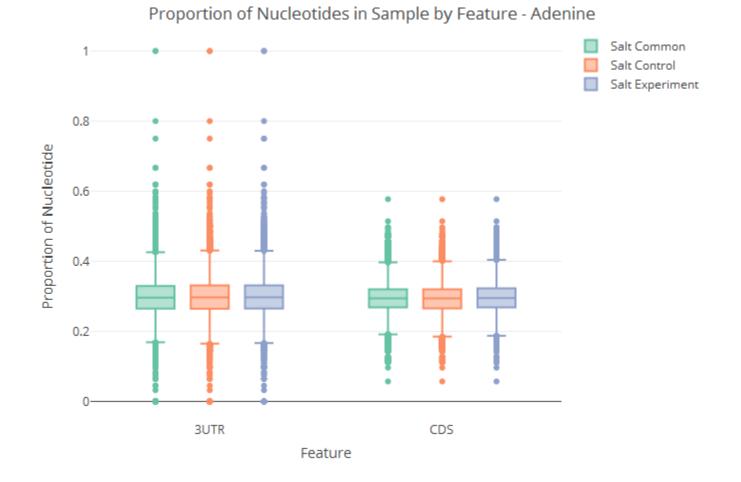


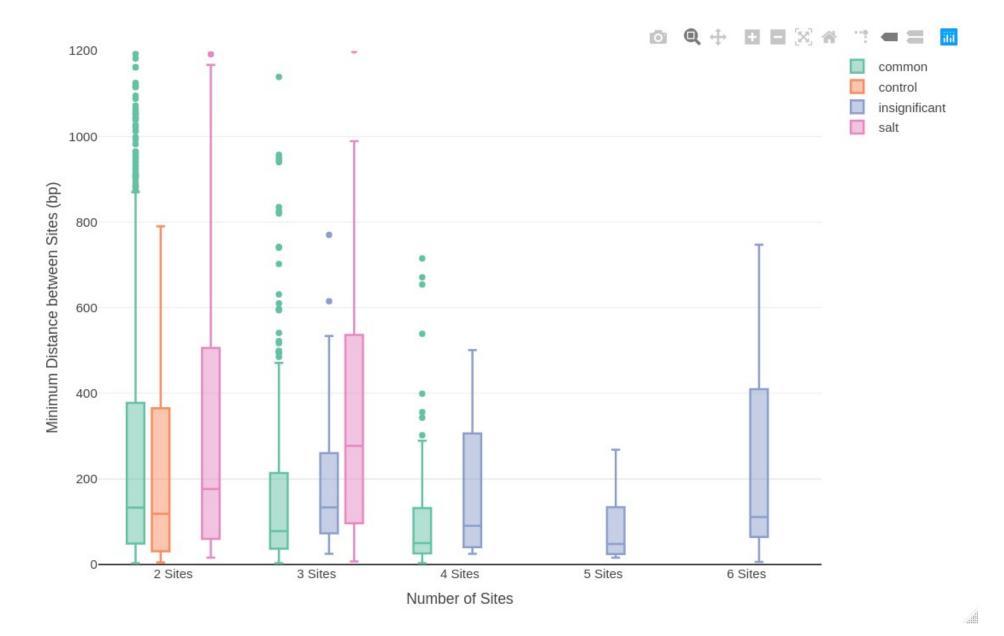


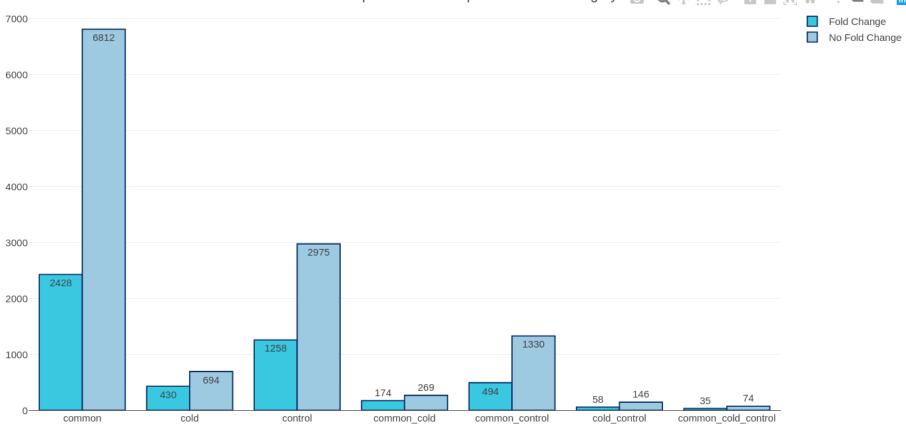


Variance in Relative Nucleotide Proportion - Methylated Samples - 3'-UTR









Number of Expressed Transcripts Relative to Category 👩 🍳 🕂 🔛 🗭 🖪 🗖 🔀 🌴 🧮 🕳 🗾

....

Maximum shared percentage of samples 0.8 0.6 0.4 0.2 $\begin{array}{c} \mathcal{N}_{x}\mathcal{N}_{x}\mathcal{N}_{x}\mathcal{S}_{x}\mathcal{S}_{x}\mathcal{S}_{x}\mathcal{S}_{x}\mathcal{S}_{x}\mathcal{S}_{x}\mathcal{S}_{x}\mathcal{S}_{x}\mathcal{S}_{x}\mathcal{S}_{x}\mathcal{S}_{x}\mathcal{S}_{x}\mathcal{S}_{x}\mathcal{S}_{x}\mathcal{S}_{x}\mathcal{S}_{x}\mathcal{S}_{x}\mathcal{S}_{x}\mathcal{N}_{$ 0

Maximum shared percentage of methylated samples vs. Stress conditions

Stress conditions

common_cold

