

Source Data (FASTA Format)

Data Conversion

Intermediate Data

Scan Data and Compute

SNP Neighboring Nucleotide Patterns  
(Combine Each Field)

<b>SNPs:</b> All R (A/G) A->G G->A Y (C/T) C->T T->C M (A/C) A->C C->A K (G/T) G->T T->G W (A/T) A->T T->A S (C/G) C->G G->C	<b>Nucleotides:</b> ACGT A C G T	<b>Regions:</b> 5' side 3' side Two-sided	<b>Display:</b> Counts Frequencies Biases (Tables/Graphics)
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Random Number Generation and Sort

SNP Sample Size Estimation  
(Combine Each Field)

<b>Nucleotides:</b> ACGT A C G T	<b>Regions:</b> 5'-side 3'-side Two-sided	<b>Display:</b> Tables Graphics
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