

Single Nucleotide Variant

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graph TD; A[Single Nucleotide Variant] --> B[Non-coding]; A --> C[Coding]; C --> D[Synonymous]; C --> E[Non-synonymous]; E --> F[Missense]; E --> G[Nonsense];
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A flowchart illustrating the classification of Single Nucleotide Variants (SNVs). The root node is 'Single Nucleotide Variant', which branches into 'Non-coding' and 'Coding'. 'Coding' further branches into 'Synonymous' and 'Non-synonymous'. 'Non-synonymous' branches into 'Missense' and 'Nonsense'.

Non-coding

Coding

Synonymous

Non-synonymous

Missense

Nonsense