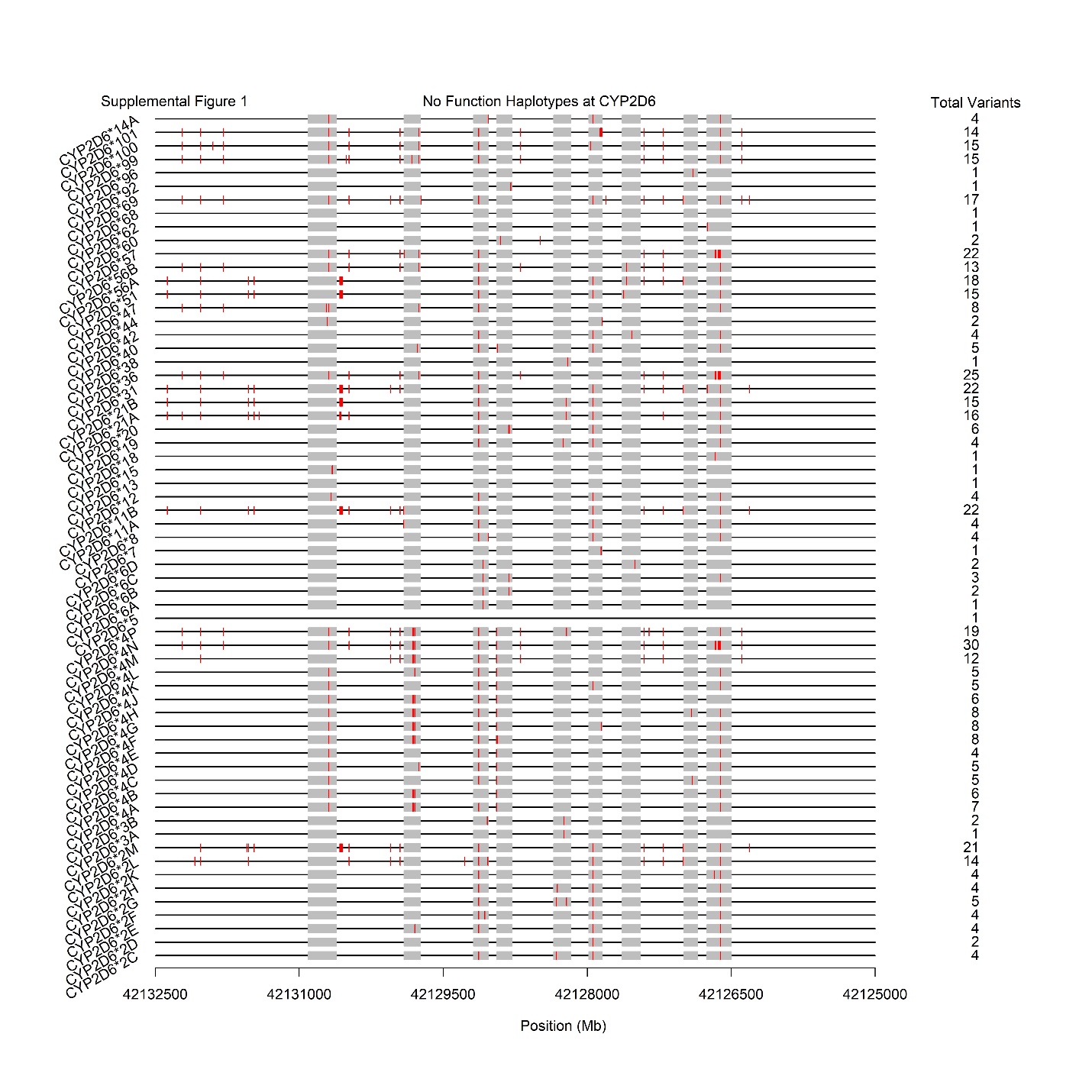
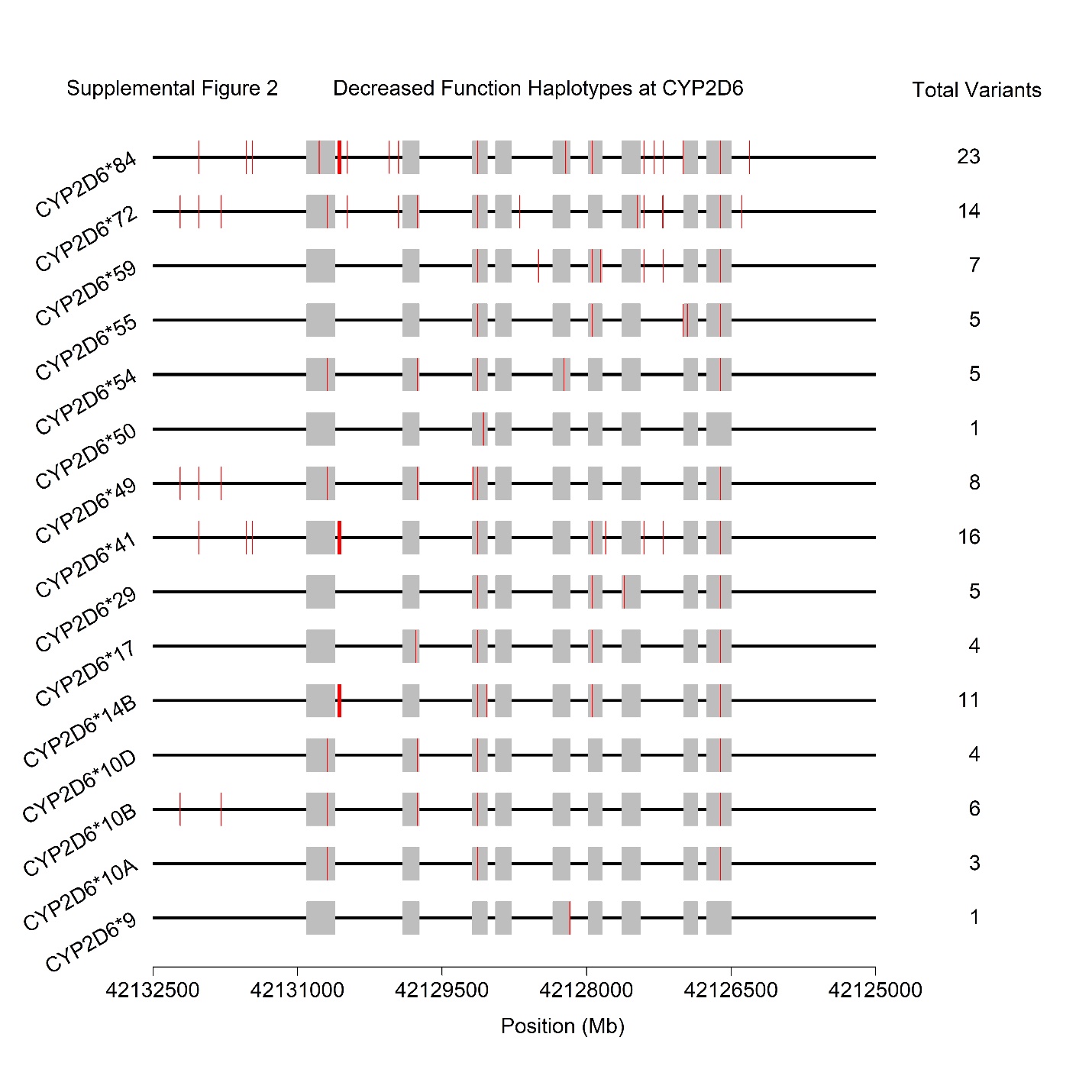
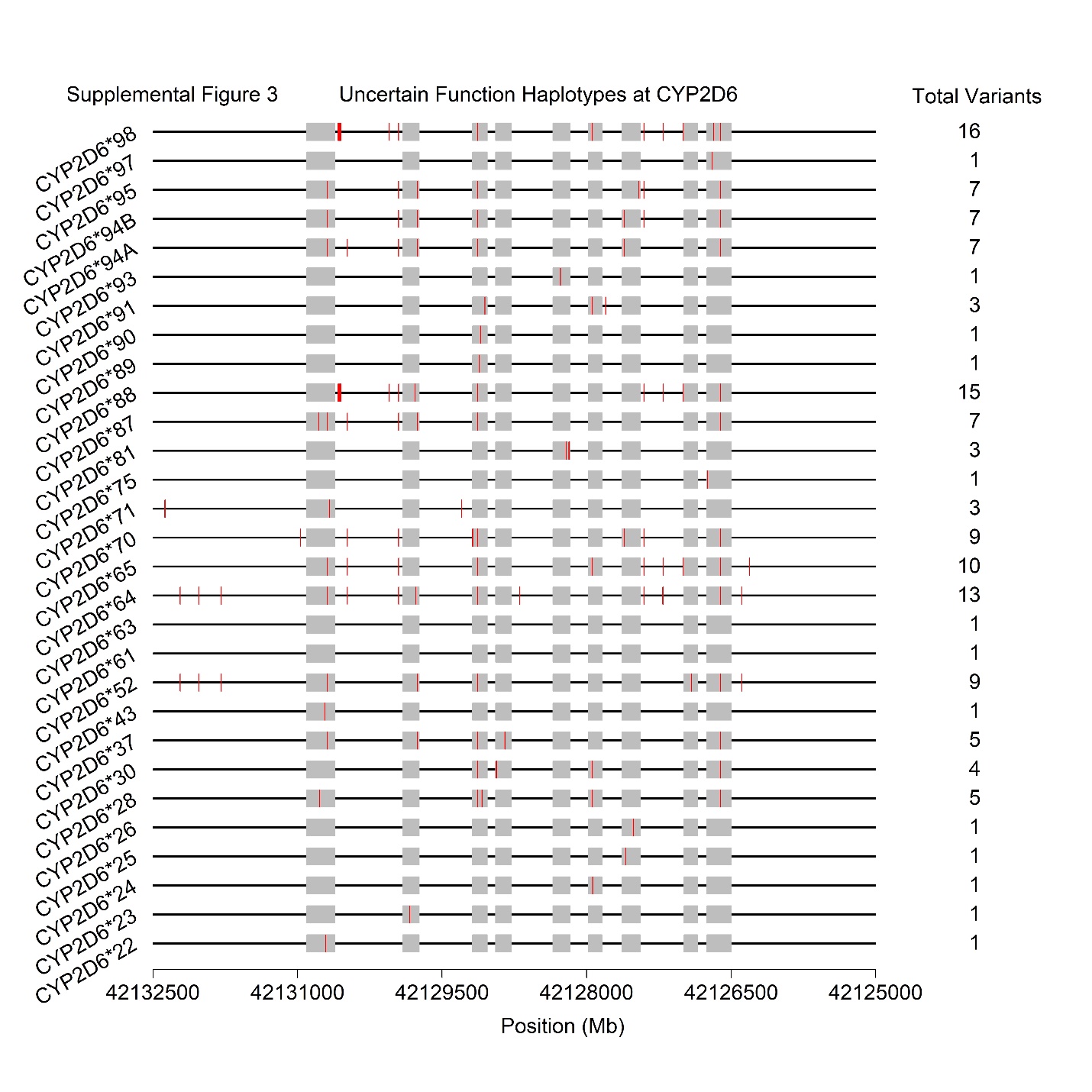
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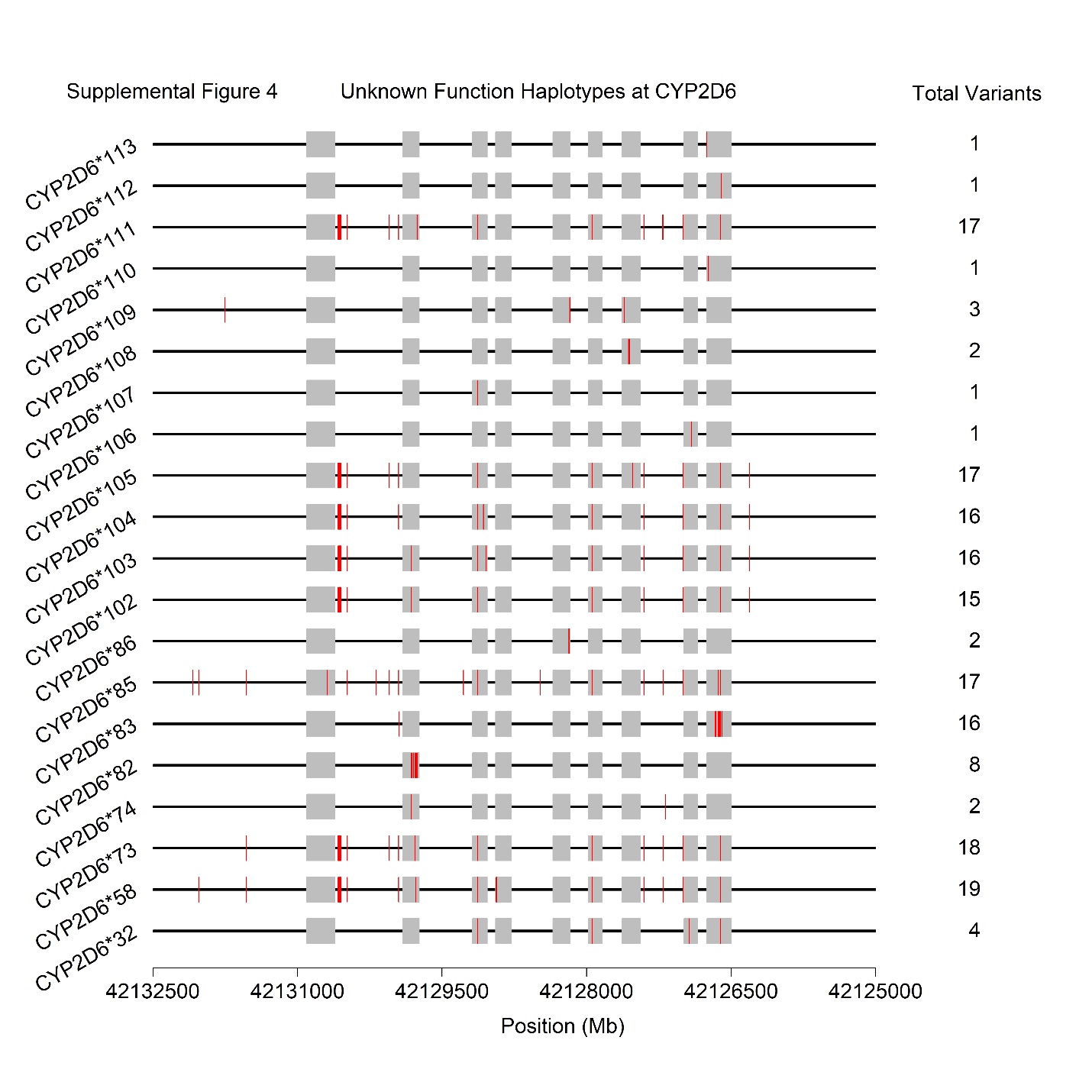
**Supplemental Figure 1:** Physical positions (red vertical lines) and total number of variants present on the 63 known CYP2D6 haplotypes (\*alleles) predicted to produce non-functional enzymes upon transcription/translation.



**Supplemental Figure 2:** Physical positions (red vertical lines) and total number of variants present on the 15 known CYP2D6 haplotypes (\*alleles) predicted to produce enzymes with decreased function upon transcription/translation.



**Supplemental Figure 3:** Physical positions (red vertical lines) and total number of variants present on the 29 known CYP2D6 haplotypes (\*alleles) that produce enzymes with uncertain functional characteristics (i.e. results and research findings are conflicting or inconclusive) upon transcription/translation.



**Supplemental Figure 4:** Physical positions (red vertical lines) and total number of variants present on the 20 known CYP2D6 haplotypes (\*alleles) that produce enzymes with unknown functional characteristics (i.e. variant combinations that are too rare to effectively interpret or which have not been adequately studied) upon transcription/translation.