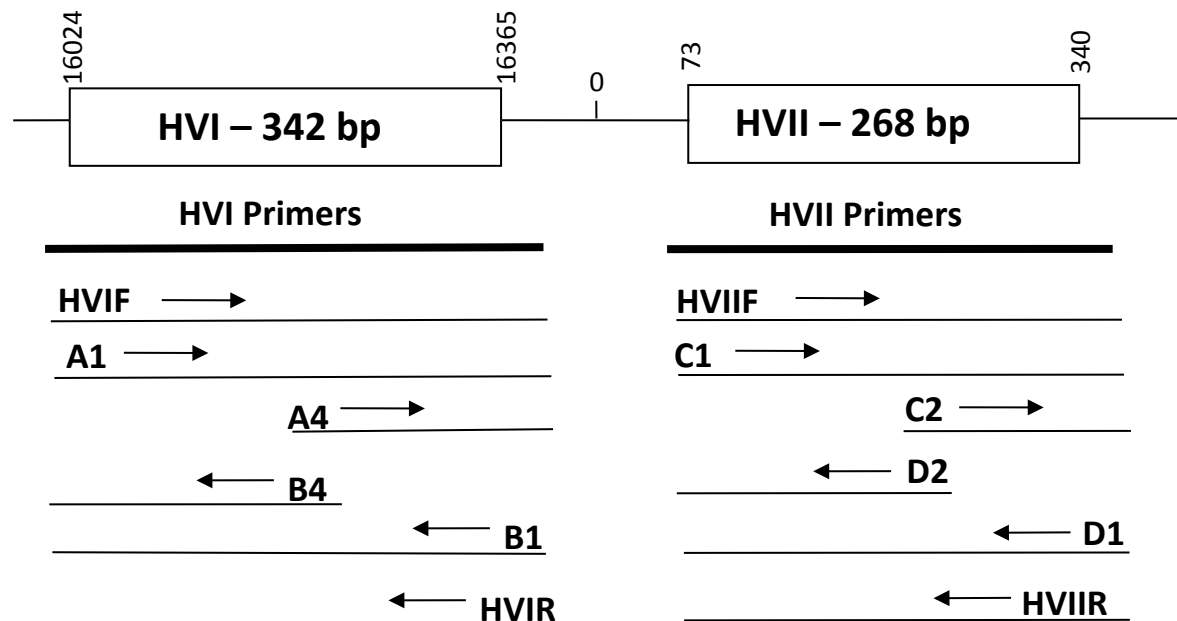


PROTOCOLS FOR FORENSIC MITOCHONDRIAL DNA ANALYSIS

APPENDIX B MITOCHONDRIAL DNA PRIMER LOCATIONS		
DATE EFFECTIVE 06-20-2016	APPROVED BY MITOCHONDRIAL DNA TECHNICAL LEADER	PAGE 1 OF 1

Appendix B – Mitochondrial DNA Primer Locations



The above diagrams are not to scale. All primer positions are relative to the table below. All arrows indicate the directions (forward or reverse) that the primer amplifies along the hypervariable region.

HVI (16024 - 16365) = 342 bp		HVII (73 - 340) = 268 bp	
Primer	Position ¹	Primer	Position ¹
HVIF	15975	HVIIF	15
A1	15978	C1	29
A4 ²	16190	C2	154
B4 ²	16182	D2 ³	306
B1	16410	D1	429
HVIR	16418	HVIIR	429

¹ Nucleotide position is defined as the first base at the 5' end of the primer.

² Primers A4 and B4 are used to resolve C-stretch length polymorphisms in HVI.

³ Primer D2 is used when necessary to resolve the reverse strand sequence when C-stretch polymorphism is present in HVII.