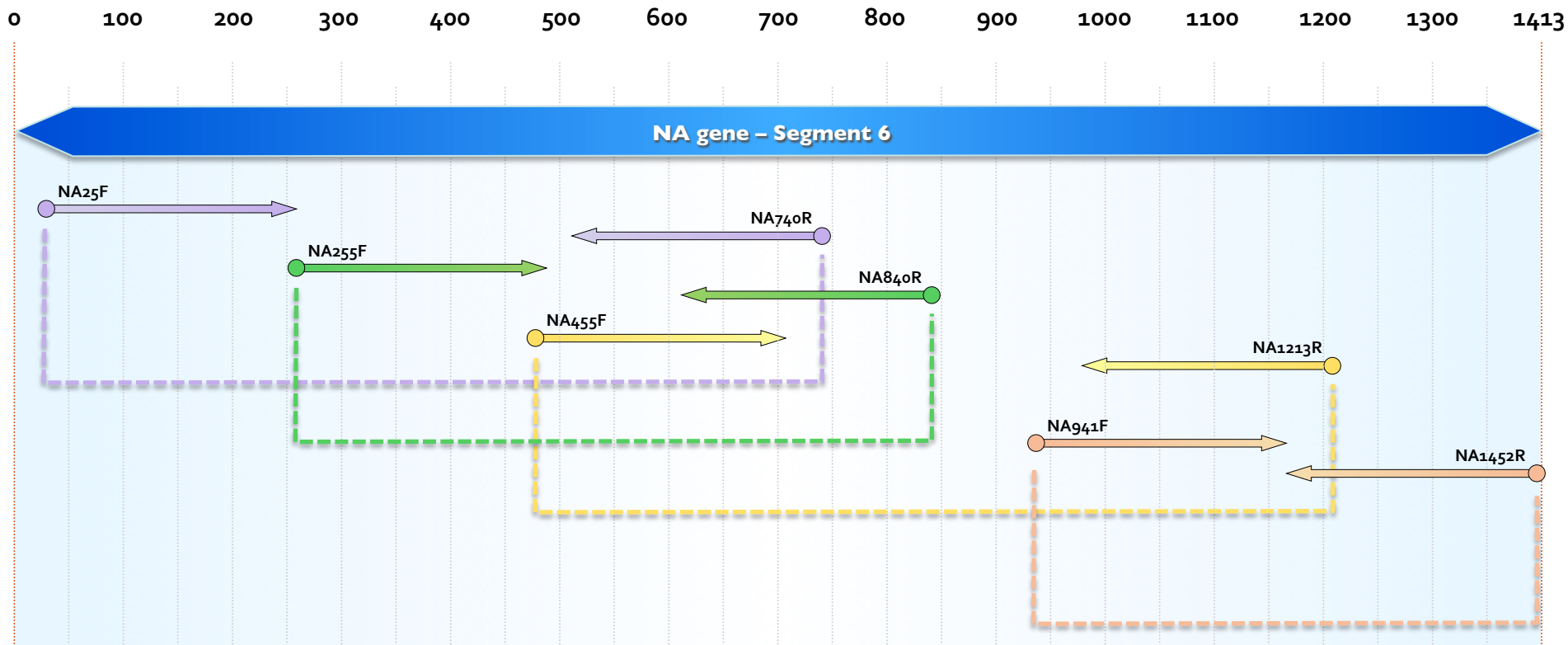
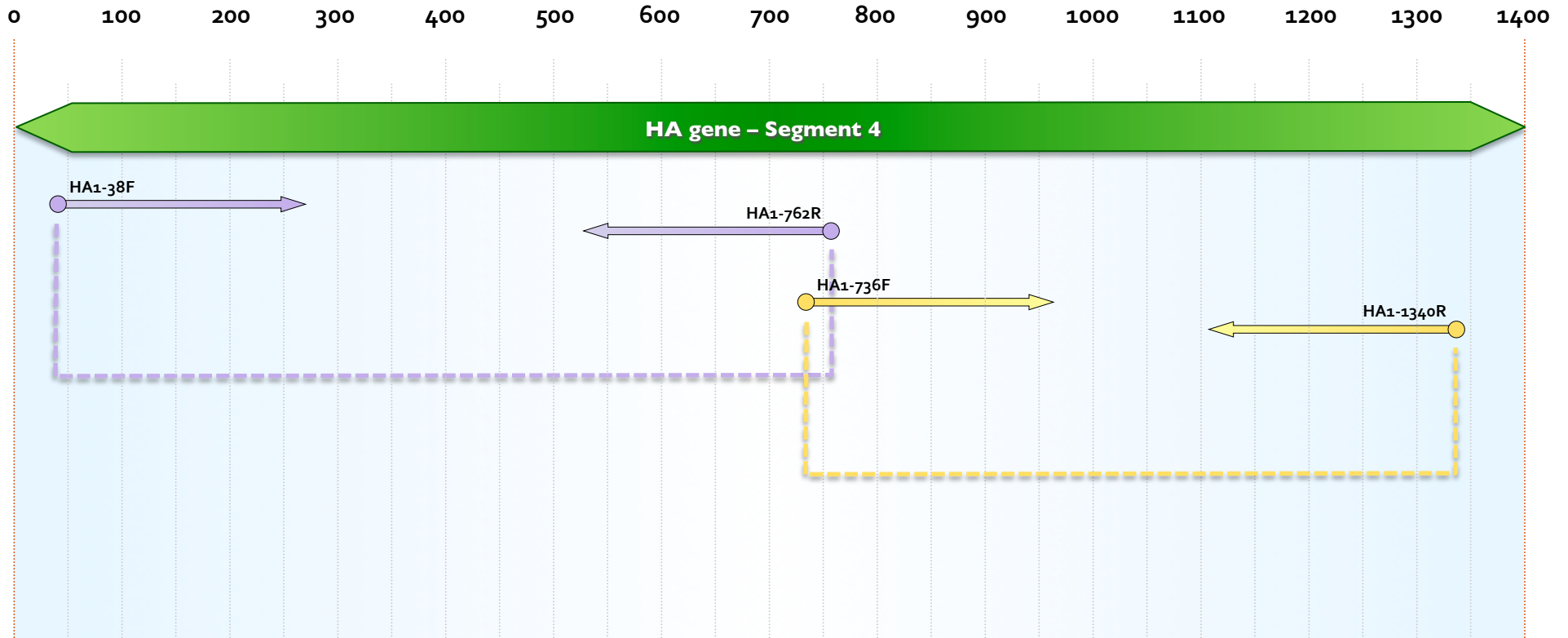


SCHEME SEQUENCING FOR NEURAMINIDASE GENE – INFLUENZA A(H₁N₁)PDM09



Fragment	Primer	Sequence	Thermal protocol
A	NA25F	5'-CTT GGT CCA TCG GTC ATT ACA GT -3'	50°C 60 min 94°C 2 min 94°C 15 sec 50°C 1 min 68°C 1,5 min 68°C 8 min 4°C ∞ } 45 cycles
A	NA740R	5'-CTT GGT CCA TCG GTC ATT ACA GT -3'	
A alternatively	NA255F	5'-AGC GGG CAA TTC CTCTCTCT CT -3'	
A alternatively	NA840R	5'-CAG GGG CAT TCA TTT CGA CTG -3'	
B	NA455F	5'-GGA GCC CAT ATC GAA CCC TAA T -3'	
B	NA1213R	5'-TCC CGT TAT ATC CTG ACC ACT C -3'	
C	NA941F	5'-TGT AAA ACG ACG GCC AGT TAG GAT ACA TCT GCA GTG G -3'	
C	NA1452R	5'-CAG GAA ACA GCT ATG ACC AGT AGA AAC AAG GAG -3'	

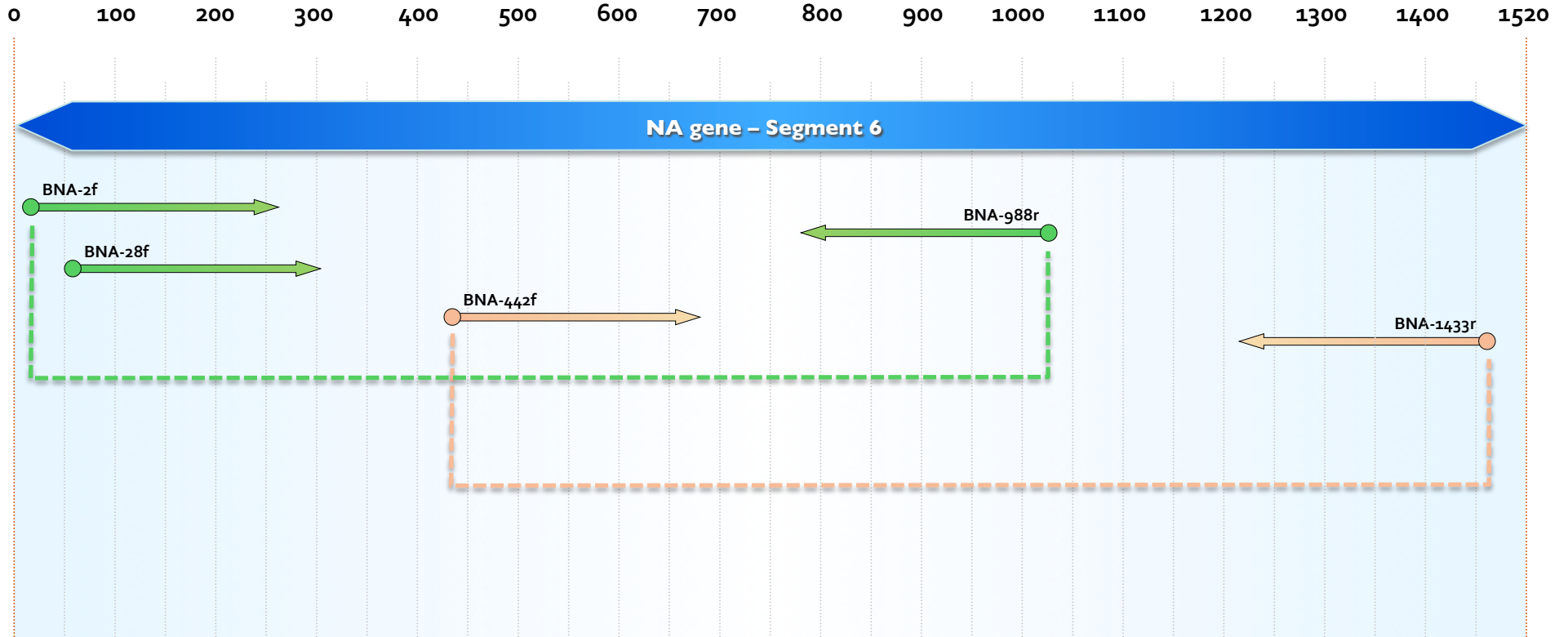
SCHEME SEQUENCING FOR HEMAGGLUTININ GENE – INFLUENZA A(H₁N₁)PDM09



Fragment	Primer	Sequence	Thermal protocol
A	HA1-38F	5'- CAA CCG CAA ATG CAG ACA CA -3'	50°C 60 min 94°C 2 min 94°C 15 sec 50°C 1 min 68°C 1,5 min 68°C 8 min 4°C ∞
A	HA1-762R	5'- TCC CGG CTCTACTAGTGT CCA G -3'	
B	HA1-736F	5'- TGT AAA ACG ACG GCC AGT AGR ATG RACTAT TACTGG AC -3'	
B	HA1-1340R	5'- CAG GAA ACA GCT ATG ACC TTC TKC ATT RTA WGT CCA AA -3'	

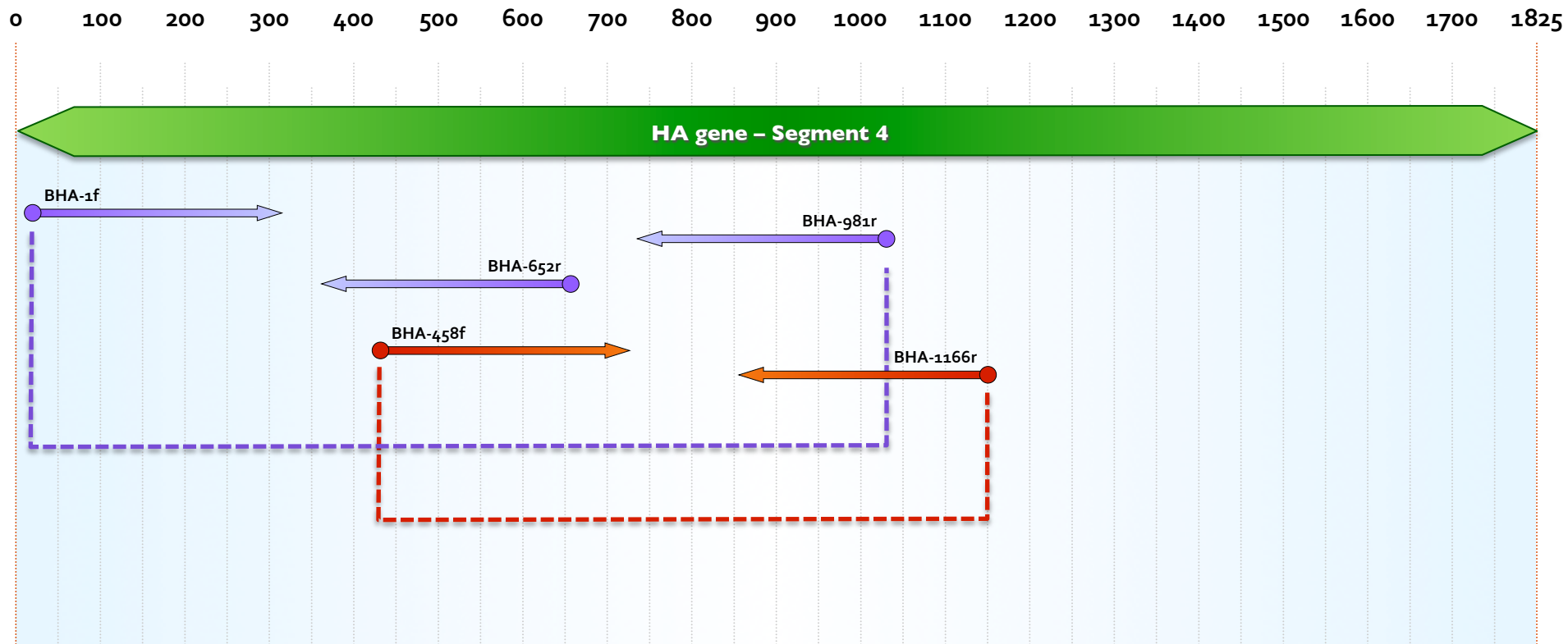
} 45 cycles

SCHEME SEQUENCING FOR NEURAMINIDASE GENE – INFLUENZA B



Fragment	Primer	Sequence	Thermal protocol
A	BNA-2f	5'- CAA AAC TGA AGC AAA TAG GCC AA -3'	50°C 60 min 94°C 2 min 94°C 15 sec 52°C 1 min 68°C 1,5 min 68°C 8 min 4°C ∞ } 45 cycles
A	BNA-28f	5'- AAC GTT AAC CCT ATT TCT CAC ATC -3'	
A	BNA-988r	5'- GGG GTG TCC AAA TAA GTC TCT GT -3'	
B	BNA-442f	5'- GGG GGATAC TAC AAT GGA ACA AGA -3'	
B	BNA-1433r	5'- CAG ATT CAA CCA TTC CTC CAT TA -3'	

SCHEME SEQUENCING FOR HEMAGGLUTININ GENE – INFLUENZA B



Fragment	Primer	Sequence	Thermal protocol
A	BHA-1f	5' - ATT GTA CTA CTC ATG GTA ACA -3'	50°C 60 min 94°C 2 min 94°C 15 sec } 45 cycles 52°C 1 min 68°C 1,5 min 68°C 8 min 4°C ∞
A	BHA-981r	5' - TGT TTT CAC CCA TAT TGG GC -3'	
A	BHA-652r	5' - GGA ACC CCC AAA CAG TAA TTT GGT -3'	
B	BHA-458f	5' - AGA AAA GGC ACC AGG AGG ACC CTA -3'	
B	BHA-1166r	5' - ATC ATT CCT TCC CAT CCT CCT TCT -3'	