

PrivaSeq2 Figures

--Attacker Strikes Back--

Fig 1

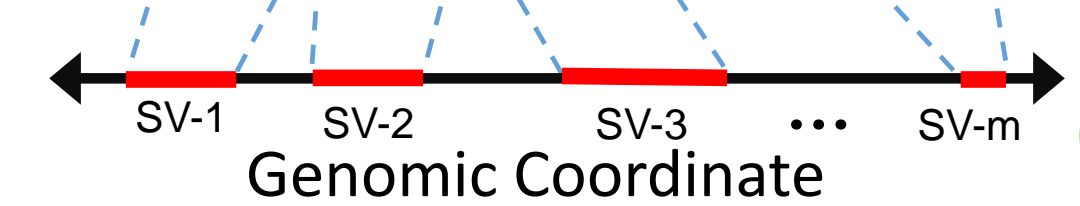
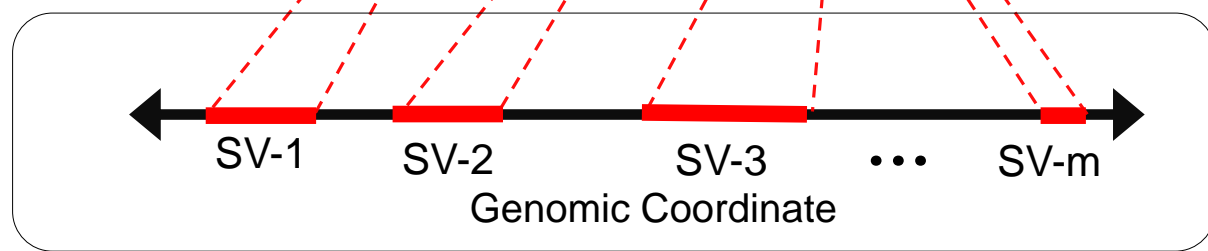
1 Genomewide Signal Profile Dataset

Sample ID	Genome-wide Signal Profiles	HIV Status
<i>PIND-1</i>		+
<i>PIND-2</i>		-
⋮	⋮	⋮
<i>PIND-n</i>		+

2 Structural Variation Genotype Dataset

Sample ID	Genomewide SV Genotypes				
	SV-1	SV-2	SV-3	⋯	SV-m
<i>GIND-1</i>	0	1	2	⋯	0
<i>GIND-2</i>	2	0	2	⋯	1
<i>GIND-3</i>	0	1	1	⋯	0
⋮	⋮	⋮	⋮	⋮	⋮
<i>GIND-K</i>	1	2	2	⋯	2

3 Genomic Deletion Panel Dataset



1 Genomic Deletion Genotyping

Sample ID	Genomewide SV Genotypes					HIV Status
	SV-1	SV-2	SV-3	⋯	SV-m	
<i>PIND-1</i>	0	0	2	⋯	2	+
<i>PIND-2</i>	2	0	X	⋯	0	-
⋮	⋮	⋮	⋮	⋮	⋮	⋮
<i>PIND-n</i>	0	X	X	⋯	0	+

2 Genotype Matching

Phenotype Sample ID	Genotype Sample ID	HIV Status	Real/Predicted SV Genotypes				
			SV-1	SV-2	SV-3	⋯	SV-m
<i>PIND-1</i>	<i>GIND-2</i>	+	0/0	1/0	2/2	⋯	0/2
<i>PIND-2</i>	<i>GIND-1</i>	-	0/2	1/0	2/X	⋯	0/0
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
<i>PIND-n</i>	<i>GIND-3</i>	+	0/0	1/X	1/X	⋯	0/0

Genotyped Deletions

Fig 1

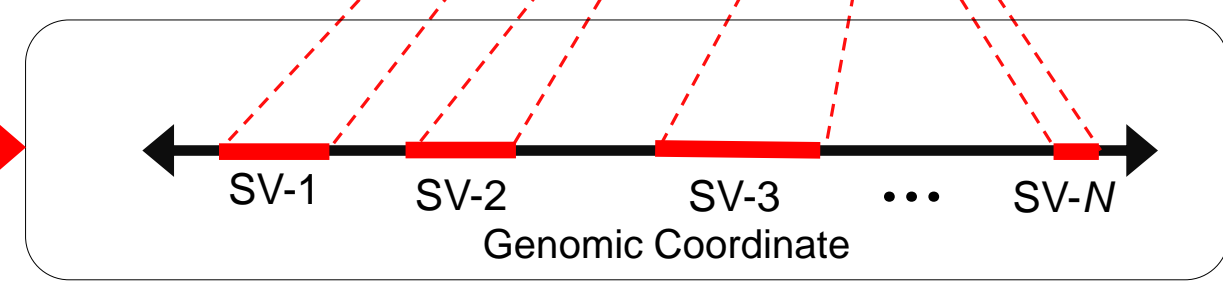
1 Genomewide Signal Profile Dataset

Sample ID	Genome-wide Signal Profiles	HIV Status
<i>PIND-1</i>		+
<i>PIND-2</i>		-
⋮	⋮	⋮
<i>PIND-n</i>		+

2 Structural Variation Genotype Dataset

Sample ID	Genomewide SV Genotypes				
	SV-1	SV-2	SV-3	⋯	SV-m
<i>GIND-1</i>	0	1	2	⋯	0
<i>GIND-2</i>	2	0	2	⋯	1
<i>GIND-3</i>	0	1	1	⋯	0
⋮	⋮	⋮	⋮	⋮	⋮
<i>GIND-K</i>	1	2	2	⋯	2

1 Genomic Deletion Discovery



Discovered Deletion Panel Dataset

Sample ID	Genomewide SV Genotypes					HIV Status
	SV-1	SV-2	SV-3	⋯	SV-N	
<i>PIND-1</i>	0	0	2	⋯	2	+
<i>PIND-2</i>	2	0	X	⋯	0	-
⋮	⋮	⋮	⋮	⋮	⋮	⋮
<i>PIND-n</i>	0	X	X	⋯	0	+

Genotyped Deletions

2 Genomic Deletion Genotyping

3 Comparison of Deletion Loci and Genotype Matching

Phenotype Sample ID	Genotype Sample ID	HIV Status	Real/Predicted SV Genotypes				
			Del-1	Del-2	Del-3	⋯	Del-N
<i>PIND-1</i>	<i>GIND-2</i>	+	0/0	1/0	2/2	⋯	0/2
<i>PIND-2</i>	<i>GIND-1</i>	-	0/2	1/0	2/X	⋯	0/0
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
<i>PIND-n</i>	<i>GIND-3</i>	+	0/0	1/X	1/X	⋯	0/0

