Dizi Yerlestirme ve Varyant Tespiti Pratigi

Tugce Bilgin Sonay



- 156 kisinin mitokondriyal DNAsi
- Agizdan veya kandan ornek
- 20,000X dizi derinligi



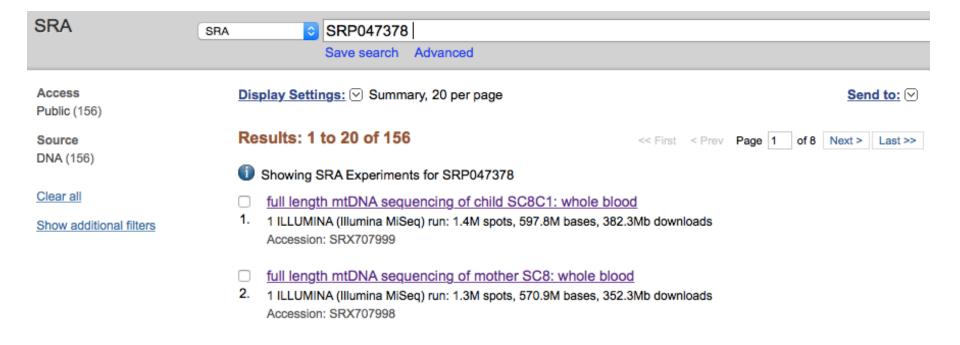
Maternal age effect and severe germ-line bottleneck in the inheritance of human mitochondrial DNA

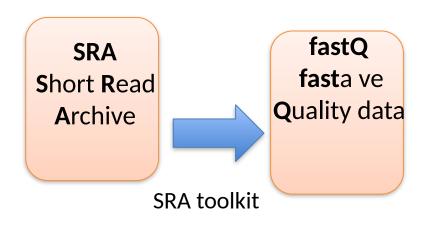
Boris Rebolledo-Jaramillo^{a,1}, Marcia Shu-Wei Su^{b,1}, Nicholas Stoler^a, Jennifer A. McElhoe^c, Benjamin Dickins^d, Daniel Blankenberg^a, Thorfinn S. Korneliussen^{e,f}, Francesca Chiaromonte^g, Rasmus Nielsen^e, Mitchell M. Holland^c, Ian M. Paul^h, Anton Nekrutenko^{a,2}, and Kateryna D. Makova^{b,2}

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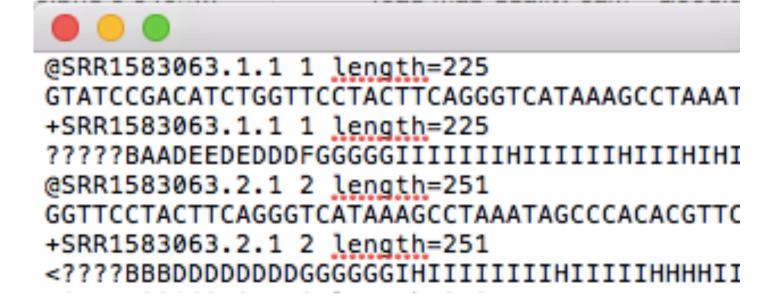
Edited by Michael Lynch, Indiana University, Bloomington, IN, and approved September 8, 2014 (received for review May 20, 2014)

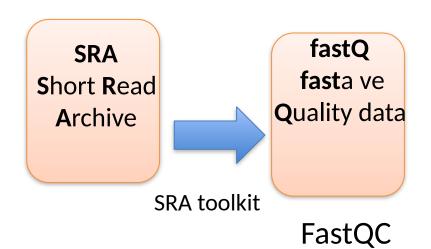
SRA Short Read Archive

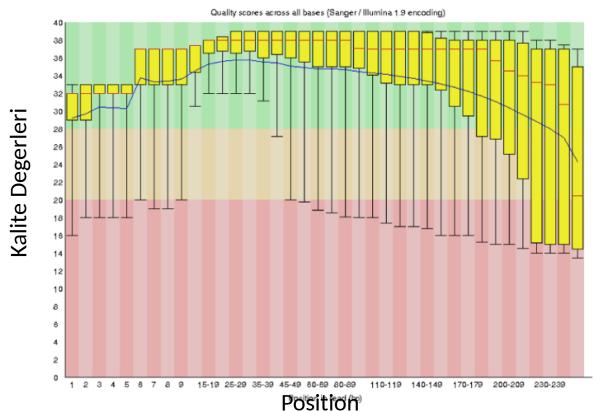




- Gene ID, uzunluk
- Fasta dizisi
- Gene ID, uzunluk
- Kalite verisi



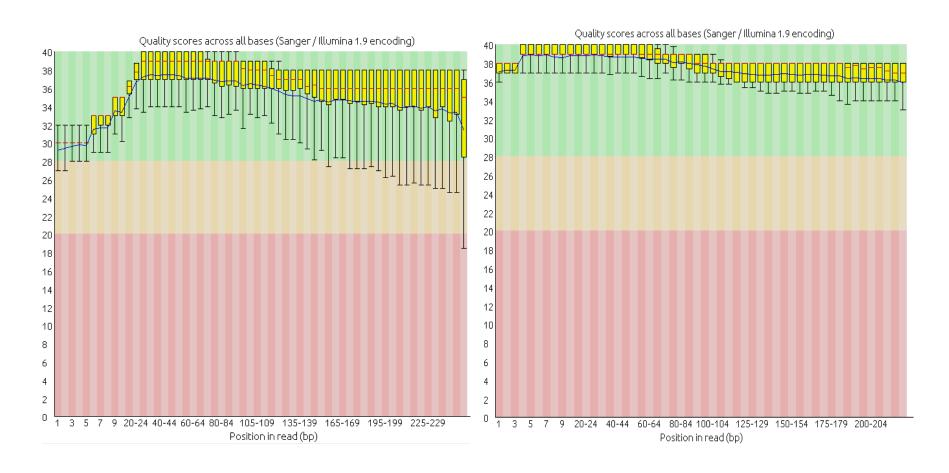


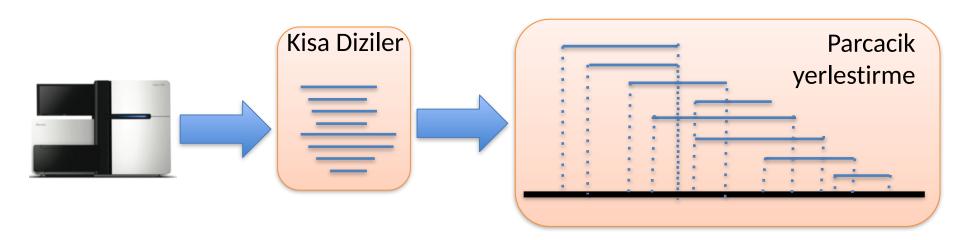


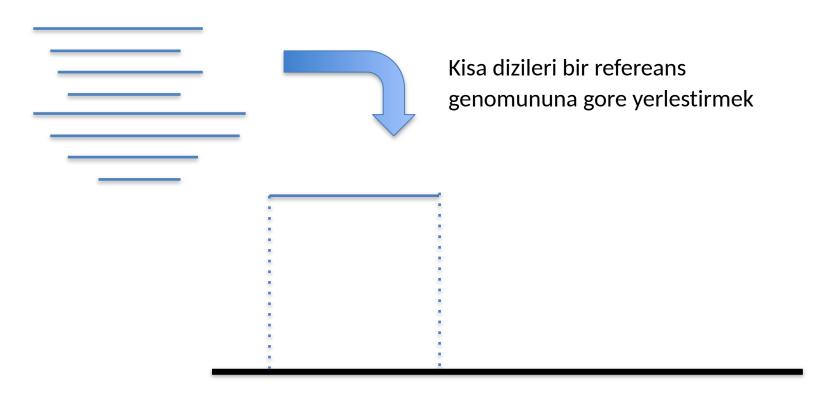
- Bastaki ve sondaki kotu kalite bazlari kes
- Aralardaki kotu kalite bazlari filtrele

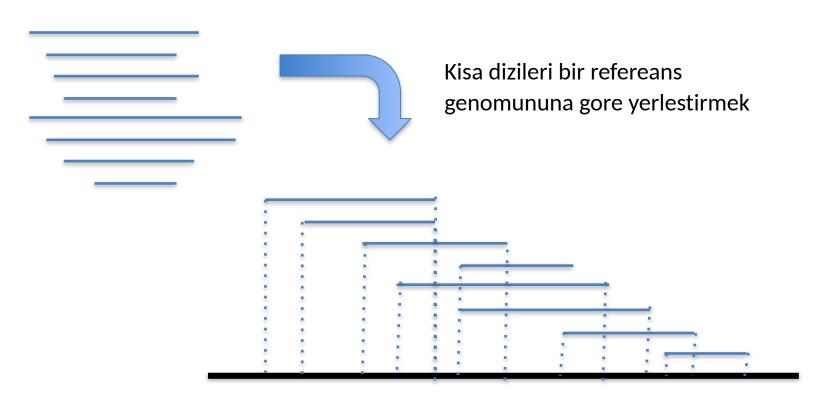
Oncesi

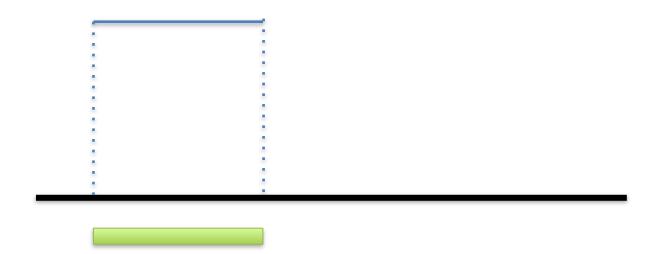
Sonrasi

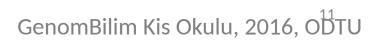




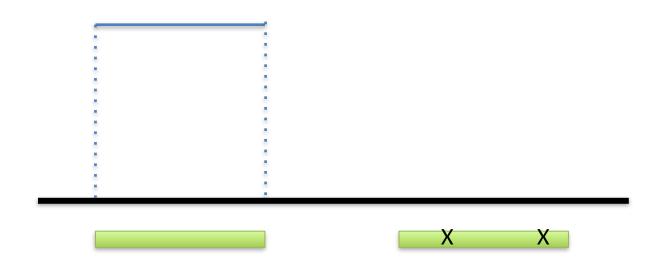


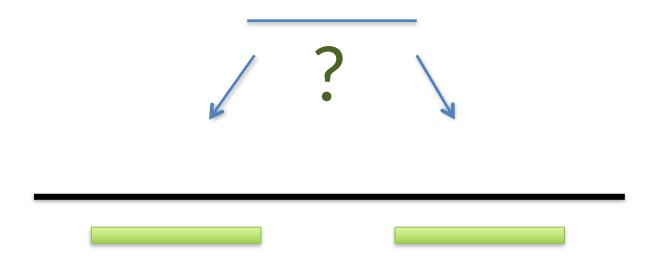




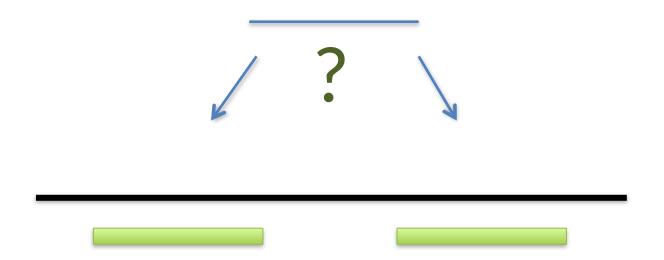


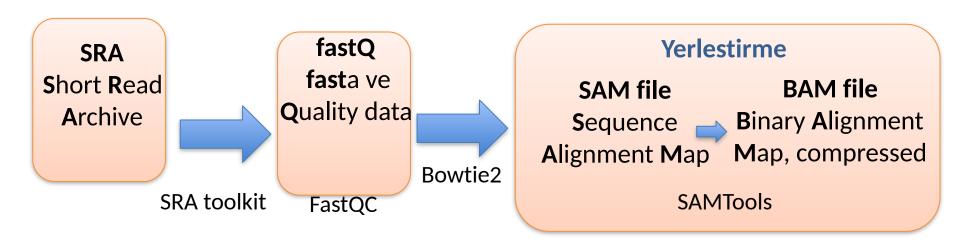
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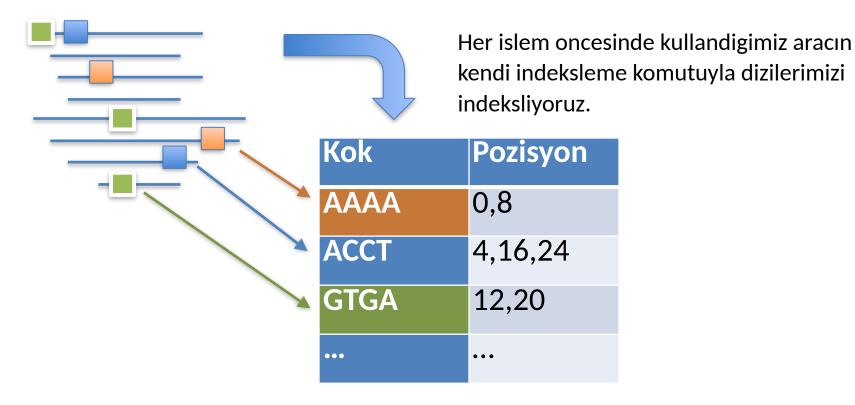


Bu parcacik genoma yerlestirilirken ne kadar kesin konusabiliriz?

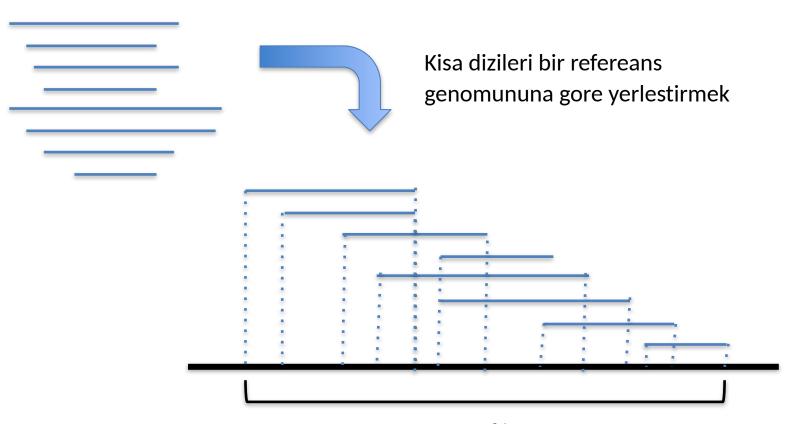




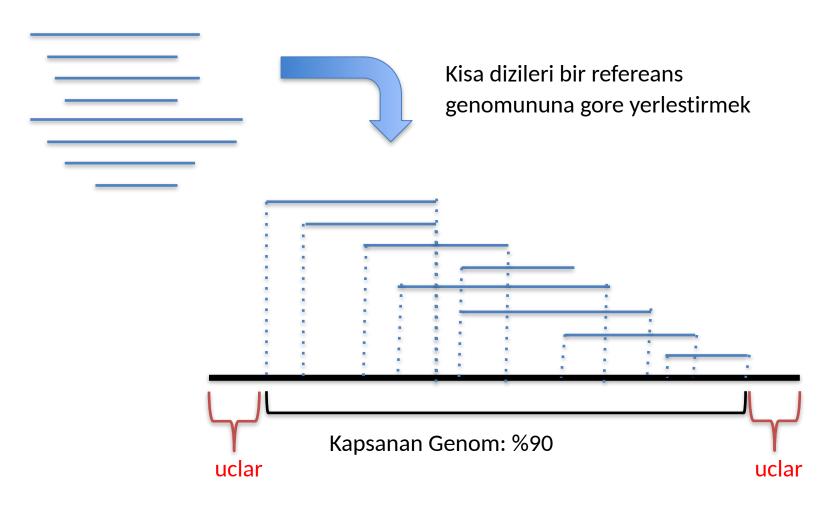
Indexleme

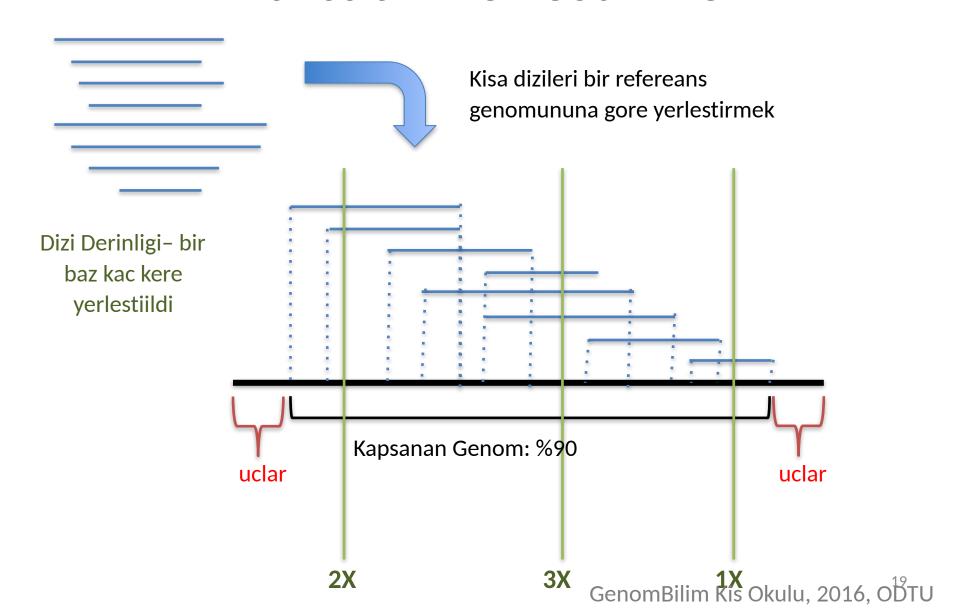


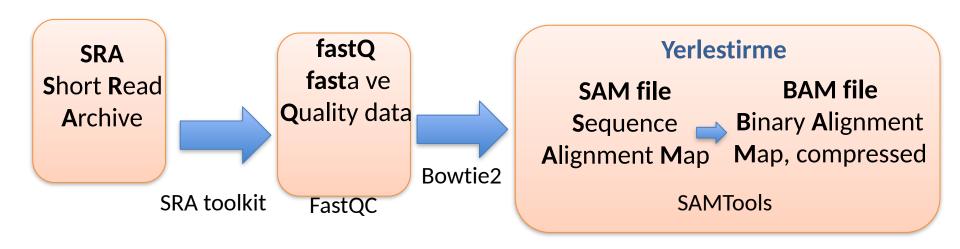
Bunun amaci okumaya hizlandirmak. Kitabin icindekiler kısmı gibi dusunebiliriz.

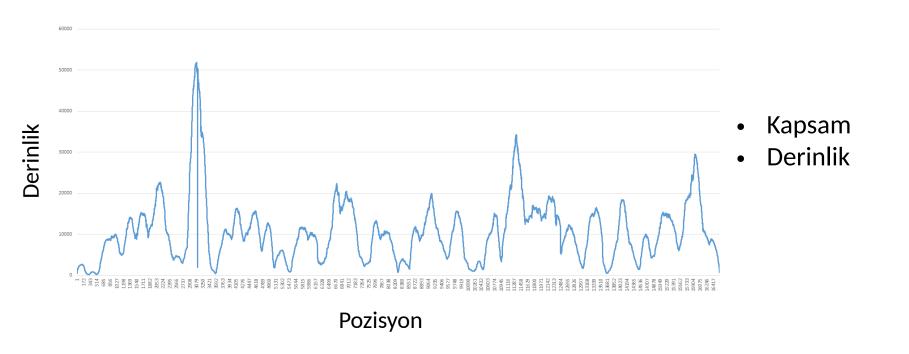


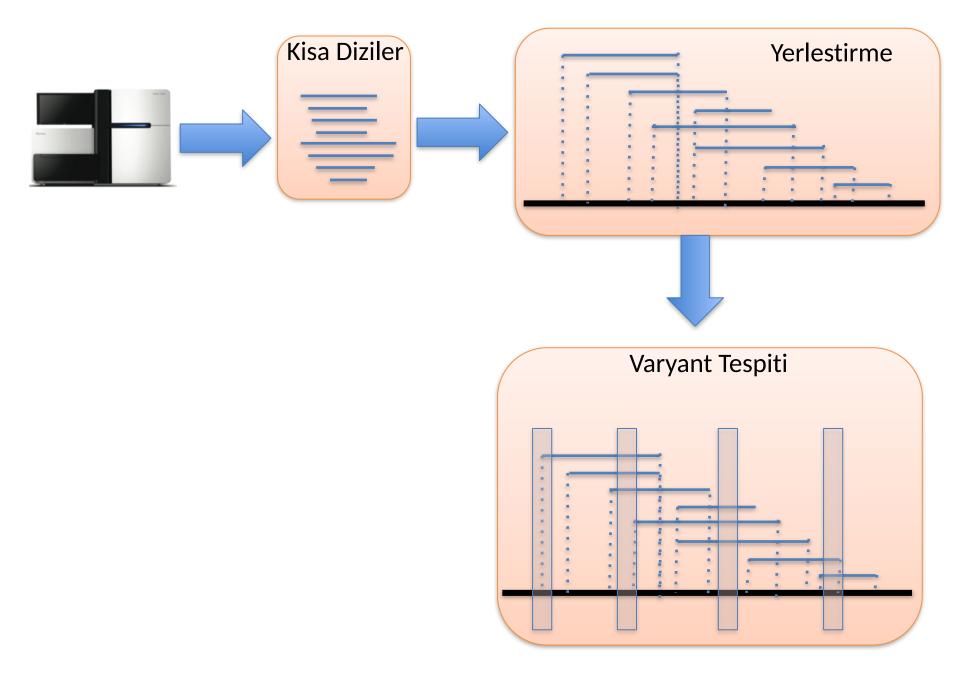
Kapsanan Genom: %90





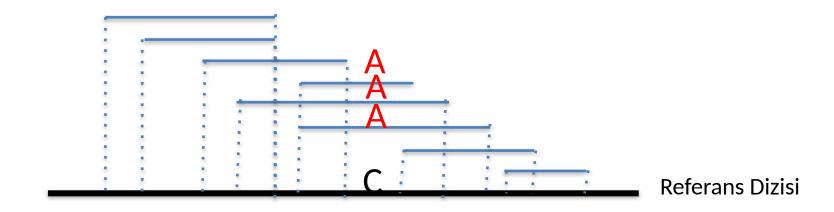




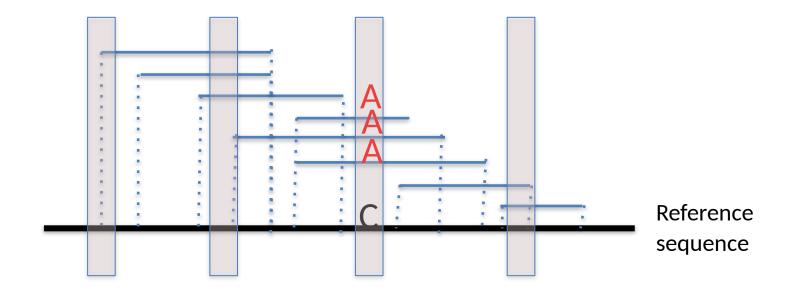


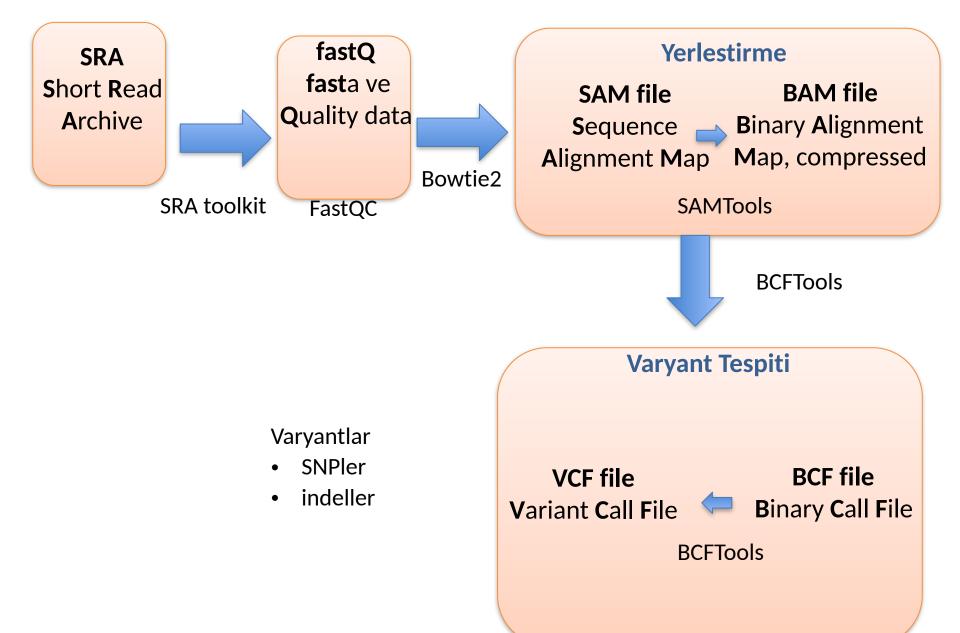
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Varyant Tespiti

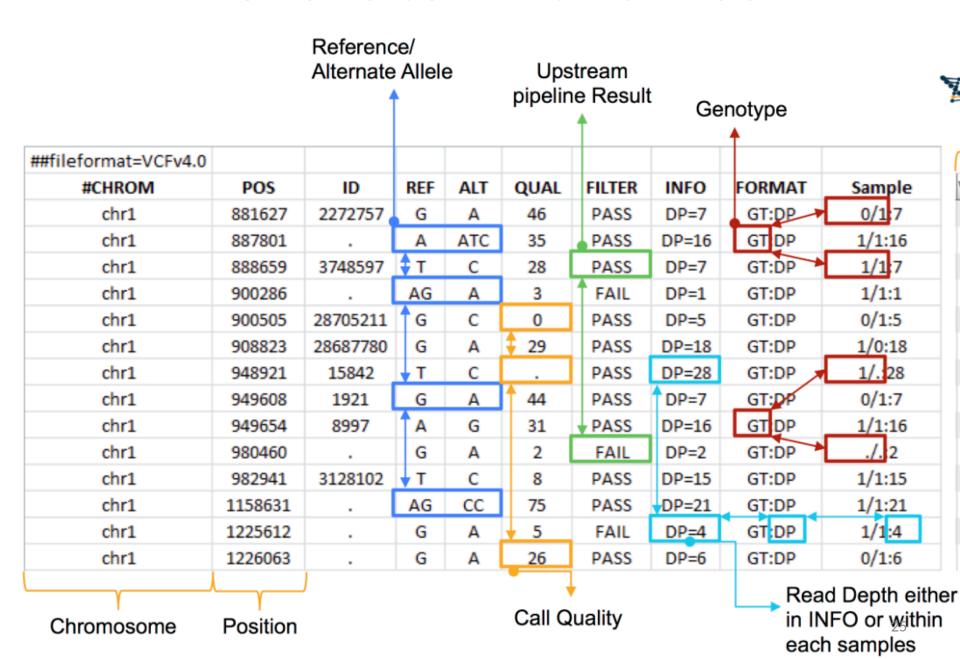


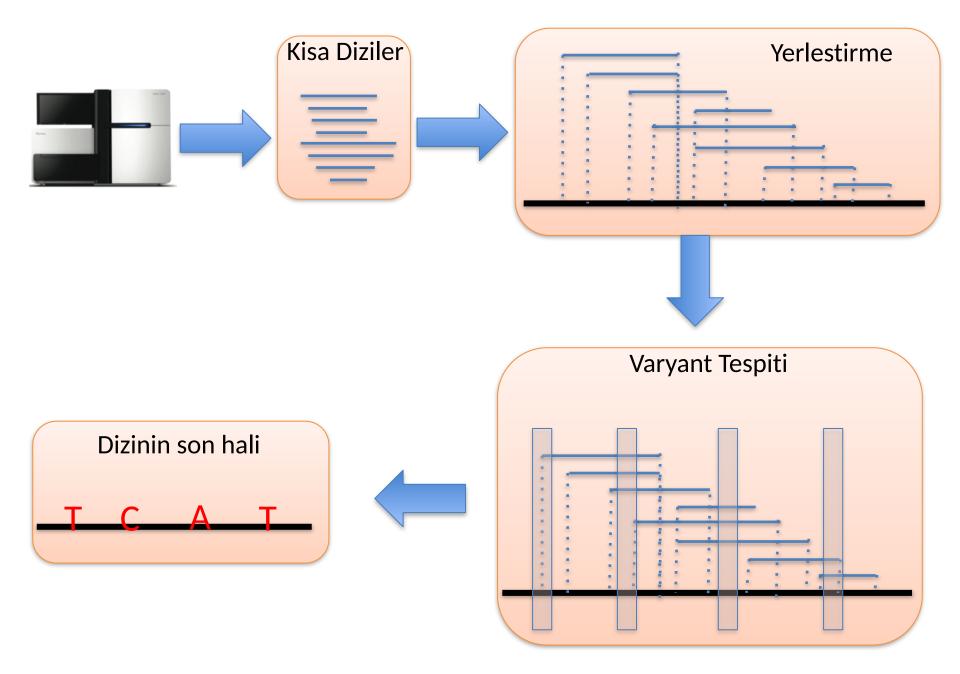
Varyant Tespiti



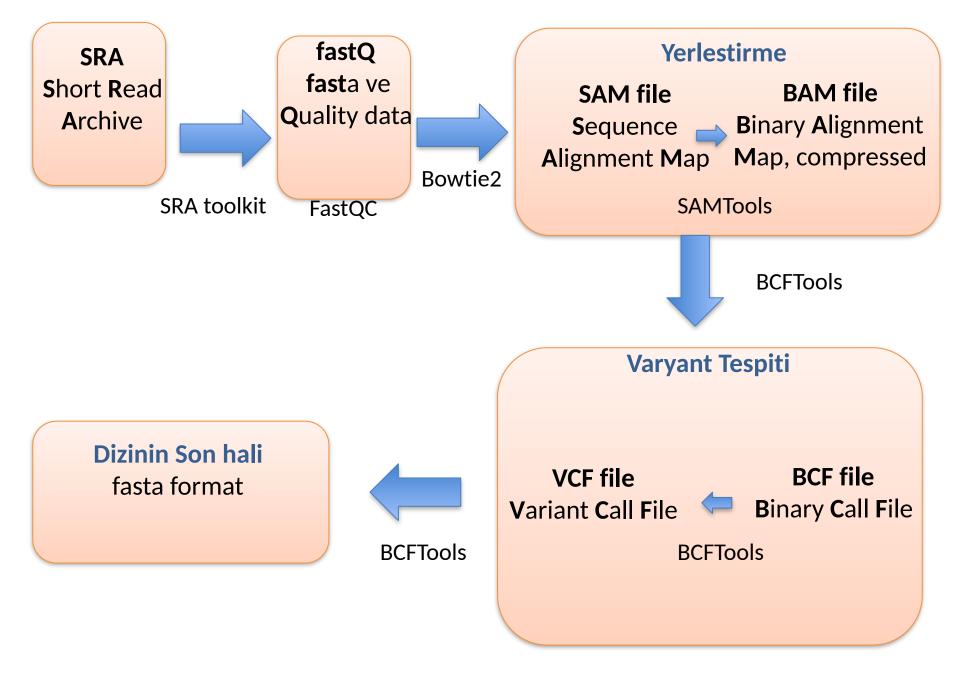


Variant Call File Format

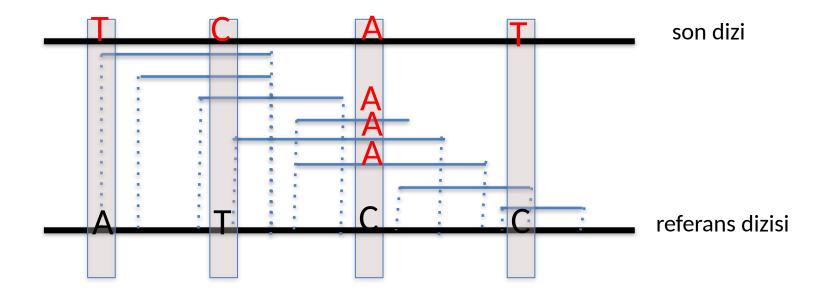




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Dizinin Son Hali



Dizinin Son Hali

