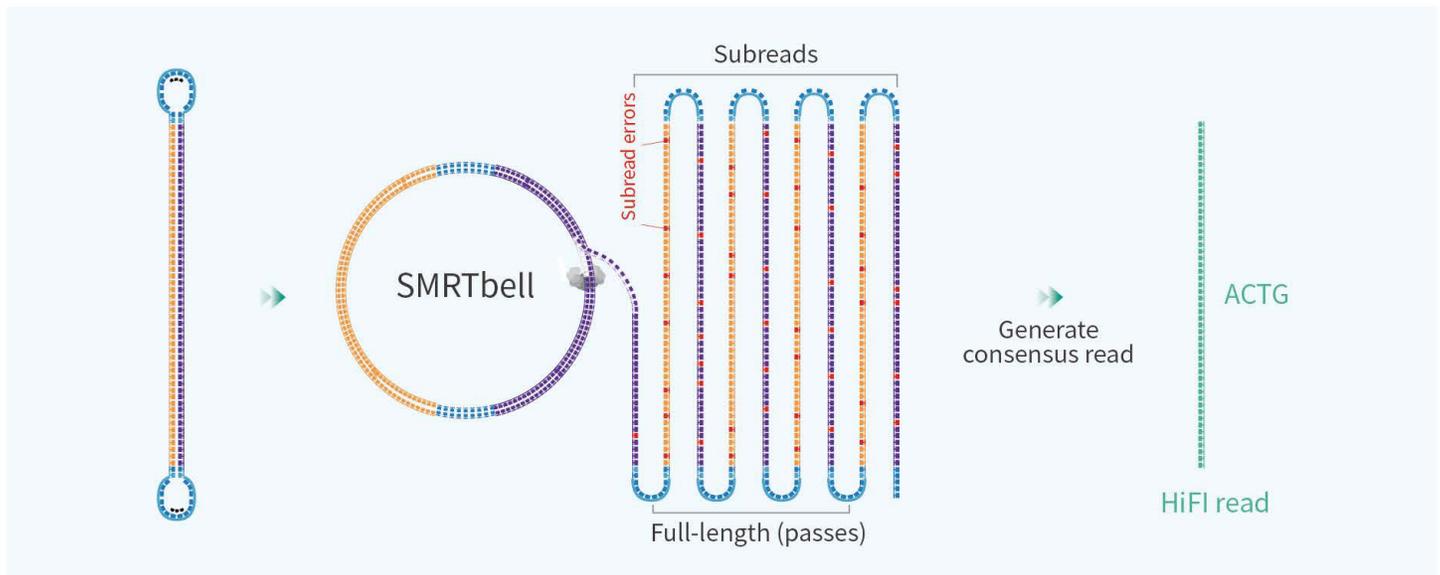


PacBio Sequencing Service

A complete solution with fast turn-around time & comprehensive technical support

Single-Molecule, Real-Time (SMRT) Sequencing

Single-Molecule Real Time (SMRT) or PacBio sequencing uses rolling cycle amplification to read along a circular single-stranded DNA, generating HiFi reads of the template.



! PacBio sequencing benefits



Long Reads

for easier genomic/transcriptomic assembly



High Accuracy

to confidently detect and call variants



Uniform Coverage

sequencing through "hard-to-detect" regions without bias



Single Molecule Resolution

>99.9% single-molecule accuracy for all applications



Direct Epigenetic Detection

by measuring polymerase kinetics changes