

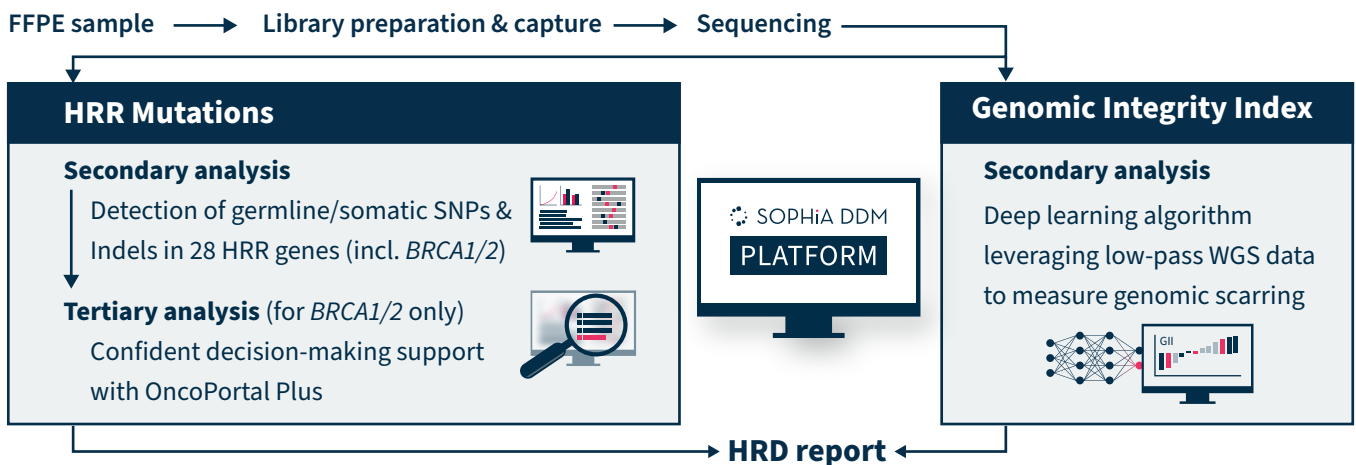
SOPHiA DDM HRD Solution

Leverage genomic insights to advance PARPi research

SOPHiA DDM HRD Solution combines information from germline & somatic **HRR mutations** (including *BRCA1/2*) with a measure of **genomic scarring**. Accelerate & empower your clinical cancer research decisions with **cost-effective, reliable & timely** in-house results.

Sample-to-report workflow

- Gain **comprehensive genomic insights** with the SOPHiA DDM™ Platform
- Implement **easily & rapidly** with the SOPHiA GENETICS Set up Program



Specifications

- Input** _____ Minimum of 50 ng DNA per sample; FFPE ovarian cancer tissue
- HRR genes** _____ **28 HRR genes covered:** *AKT1**, *ATM*, *BARD1*, *BRCA1*, *BRCA2*, *BRIP1*, *CCNE1*, *CDK12*, *CHEK1*, *CHEK2*, *ESR1**, *FANCA*, *FANCD2*, *FANCL*, *FGFR1**, *FGFR2**, *FGFR3**, *MRE11*, *NBN*, *PALB2*, *PIK3CA**, *PPP2R2A*, *PTEN*, *RAD51B*, *RAD51C*, *RAD51D*, *RAD54L*, *TP53*.
- Variants called:** SNPs, Indels & gene amplifications
- Instrument type** _____ Illumina NextSeq® 550
- Max. sample plexity** NextSeq® 500/550 Mid Output Kit: 8 samples; NextSeq® 500/550 High Output Kit: 24 samples
- Approx. TAT** _____ 3.5 days (library prep. – 1.5 days; sequencing & data upload – 1.5 days; data analysis – 12 hours)

*Genes with hotspot/select exon coverage only.

Benefits

Easily & reliably assess HRD status with novel algorithms for HRD detection

Reduce turnaround time & costs with a 2-in-1 solution

Build in-house expertise on HRD testing with a decentralized workflow

Want to know more? Contact us at: support@sophiagenetics.com

FFPE, formalin-fixed paraffin-embedded tissue; HRD, homologous recombination deficiency; HRR, homologous recombination repair; PARPi, poly(ADP)-ribose protein inhibitor; SNP, single nucleotide polymorphism; TAT, turnaround time; WGS, whole genome sequencing. SOPHiA DDM HRD Solution is for Research Use Only. The SOPHiA DDM HRD Solution is not for diagnostic, therapeutic, or treatment purposes. This flyer contains information about products which may or may not be available in different countries and if applicable may or may not have received approval or market clearance by a governmental regulatory body for different indications for use. Please consult local sales representatives. All product and company names are trademarks™ or registered® trademarks of their respective holders. Use of them does not imply any affiliation with endorsement by them.