

## Archer™ FusionPlex™ FGFR Panel

Fibroblast Growth Factor Receptor (FGFR) is a transmembrane tyrosine kinase whose genetic fusions are implicated in a broad range of cancers.

The FusionPlex FGFR Panel is a targeted sequencing assay that detects and identifies known and novel fusions in FGFR1, FGFR2, and FGFR3 genes known to be associated with various cancers.

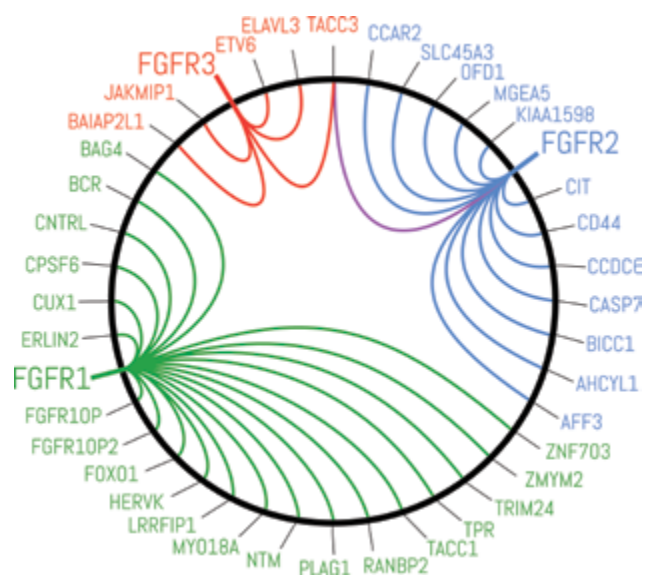
FusionPlex Panels use proprietary Anchored Multiplex PCR (AMP™) to accurately identify known and novel fusions flanking any possible breakpoint. After sequencing, the powerful Archer Analysis Pipeline can confidently call novel fusions through advanced analytics and the Archer Quiver™ known fusion database.

- Confidently call fusions
- Discover novel FGFR fusions
- Stratify samples by FGFR mutation status
- Acquire data from FFPE samples

For Research Use Only. Not for use in diagnostic procedures.

Learn more about the FusionPlex FGFR Panel at [www.archerdx.com/fgfr](http://www.archerdx.com/fgfr)

## FGFR Fusion Map



## Assay Targets

Includes the following genes and their fusion partners:

Gene	Accession #	Target Exons/Introns	Direction
FGFR1	NM_015850	2,8,9,10	5'
FGFR1	NM_015850	17	3'
FGFR2	NM_000141	2,8,9,10	5'
FGFR2	NM_000141	16,17	3'
FGFR3	NM_000142	8,9,10	5'
FGFR3	NM_000142	16,17	3'
FGFR3	NM_000142	Intron 18	3'