

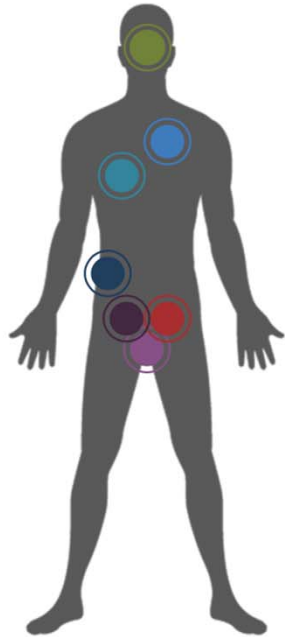
Genetik

Berthold Streubel

DNA - RNA

- Frischmaterial
- Paraffinmaterial
- Liquid Biopsy

DNA



Lung	Melanoma	Ovary
BRAF EGFR ERBB2 KRAS MET PIK3CA RET TP53	BRAF GNA11 GNAQ KIT PDGFRA TP53	FOXL2 TP53
Breast	Colon	Gastric
AKT1 ERBB2 PIK3CA	BRAF KRAS MET TP53	KIT KRAS MET PDGFRA
		Prostate
		PIK3CA

RNA

RNA Fusion: 507 Gene

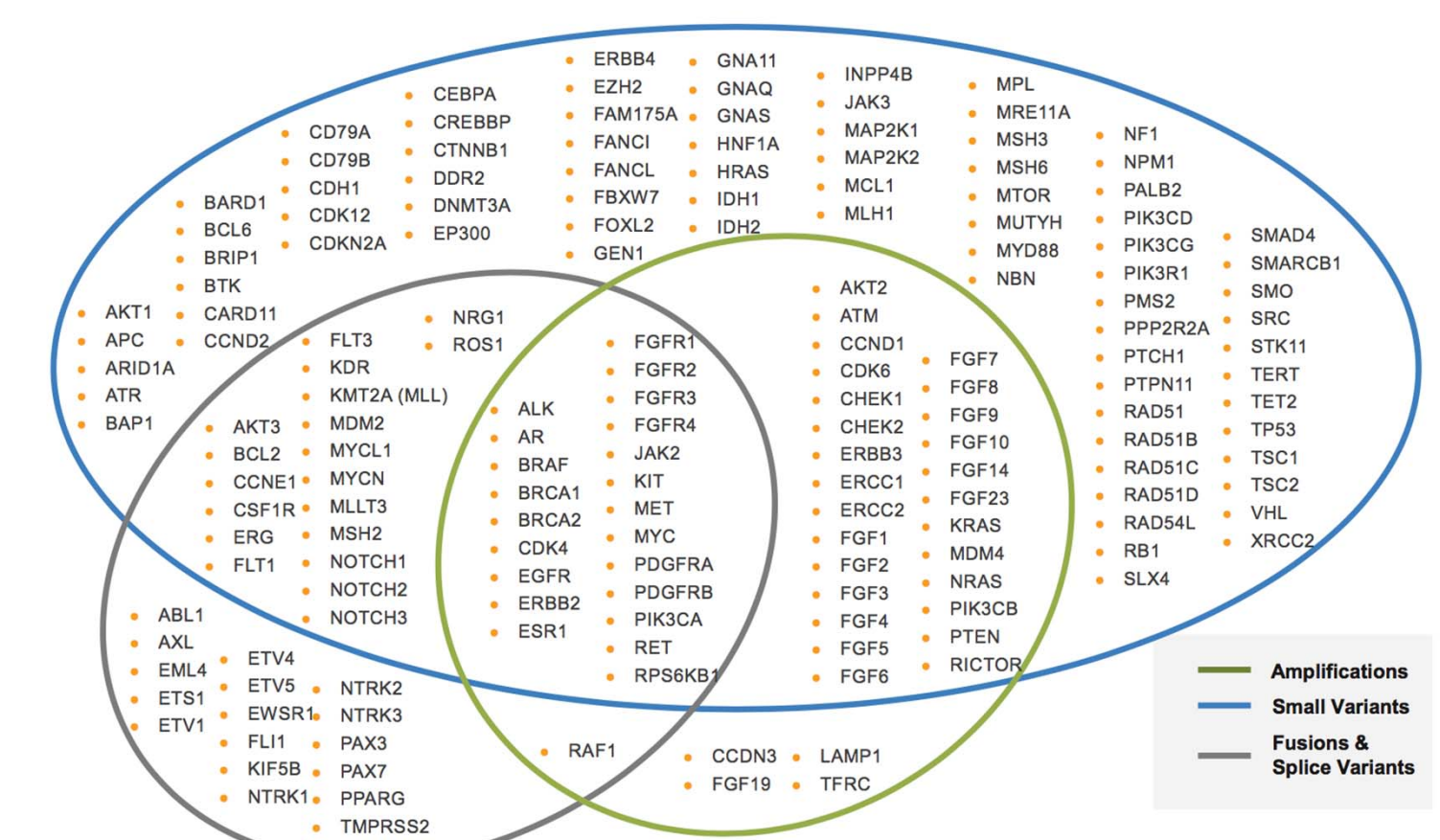
RNA Pan Cancer: 1.385 Gene

Agilent Sure Select: 150 Gene

Concierge: 10 Wochen

Whole Exome (Genome)

DNA & RNA



Plattformen

- Konventionelle Plattformen
- NGS: Kits: Agilent, Illumina, custom made
(Auslesen: Illumina)

Liquid biopsy: High coverage!