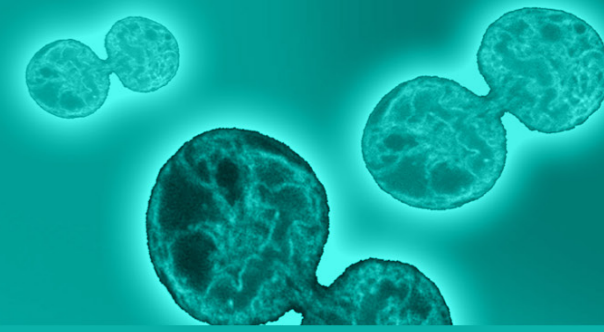


# **BRAF: from gene to cancer therapy**

## *BRAF* gene (exon 15)



DNA sequence	<b>AAT</b> ATA <b>TTT</b> CTT <b>CAT</b> GAA <b>GAC</b> CTC <b>ACAG</b> TAA <b>AAA</b> ATA <b>GGT</b> GAT <b>TTT</b> GGT <b>CTAG</b> CT <b>ACAG</b> TG <b>AAA</b> TCT
Amino acid	<b>N I F L H E D L T V K I G D F G L A T V K S</b>
Codon acid no.	581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602

DNA sequence	<b>CGA</b> TGG <b>AGT</b> GGG <b>TCC</b> CAT <b>CAG</b> TTT <b>GAA</b> CAG <b>TTG</b> TCT <b>GGA</b> TCC <b>ATT</b> TT <b>G</b> TGGATG
Amino acid	<b>R W S G S H Q F E Q L S G S I L W M</b>
Codon acid no.	603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620

