

Seraseq[®] FFPE Solid Tumor CNV Reference Material and Seraseq[®] Solid Tumor CNV Mixes

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

Seraseq FFPE Solid Tumor CNV Reference Material contains solid tumor CNVs incorporated in GM24385 human cells, fixed and embedded in FFPE.

Seraseq Solid Tumor CNV Mixes contain purified genomic DNA from GM24385 cells and DNA plasmids of solid tumor CNVs.

This file lists the genomic coordinates for the DNA sequences included in the following products: 0710-2865, 0710-2866, 0710-2867, 0710-2868.

Gene*	Chromosome	GRCh37 Amplified Location	GRCh37 Gene Location
AKT2	19	40724674..40857553	40736224..40791252
BRAF*	7	140303580..140516241 140505751..140669283	140413128..140624729
EGFR*	7	55075561..55231755 55213103..55316773	55086710..55279321
ERBB2	17	37838724..37957722	37844347..37884911
FGFR3	4	1783366..1908863	1795020..1810594
KIT	4	55507671..55637214	55524124..55606881
KRAS	12	25268012..25425971	25358180..25403863
MET*	7	116302716..116418397 116372111..116489445	116312250..116438431
MYC	8	128666784..128811899	128747680..128755197
MYCN	2	15964278..16093706	16080672..16087126
NTRK1	1	156751296..156858191	156785542..156851642
PIK3CA	3	178842017..178970143	178866145..178957881

*DNA covering the whole genes is used. BRAF, EGFR, and MET are covered using overlapping pieces of DNA. Those overlapping regions are expected to show higher levels than the non-overlapping ones.