Gene Section
Short Communication

BCAS4 (breast carcinoma amplified sequence 4)
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Identity

Other names: BHLHB4; FLJ20495
HGNC (Hugo): BCAS4
Location: 20q13

DNA/RNA

Description
Spans 82 kb; orientation direct strand; 19 exons.

Transcription
Alternate splicings.

Protein

Expression
Ubiquitous.

Localisation
Cytoplasmic.

Implicated in

BCAS4 is overexpressed in 3.5% of breast cancers, and a hybrid gene BCAS4-BCAS3 was found in breast cancer cell line with a t(17;20)(q23;q13)

Hybrid/Mutated gene
5’ BCAS4 is fused to the 2 last exons (23 and 24) of BCAS3; transcript includes exon 1 from BCAS4 and 21 bp from BCAS3 exon 23; it encodes a 66 aminoacids protein; no reciprocal transcript.

References


This article should be referenced as such: