VKORC1

miR-200b/200c/429

Oxidized vitamin K (inactive)

Reduced vitamin K (active)

Warfarin

VKORC1

TFAP2A

AP-2α

No tumor cell apoptosis

Cisplatin

Warfarin

VKORC1

TFAP2A

AP-2α

Tumor cell apoptosis

Cisplatin

requires normal warfarin dose

requires lower warfarin dose

-1639G (reference)

VKORC1

-1639A (variant)

rs1045385 A (reference)

rs1045385 C (variant)

Reference allele response

Regulatory variant response

(a)

(b)