The main role of BRCA2 appears to involve regulating the function of RAD51 in the repair by homologous recombination.

The region of VHL mediating interaction with HIF-1 alpha overlapped with a putative macromolecular binding site within the crystal structure.

RCC translocation, bearing TFE3 or TFEB gene fusions, are recently recognized entities for which risk factors have not been identified.

The Rab5 effector Rabaptin-5 and its isoform Rabaptin-5delta differ in their ability to interact with the small GTPase Rab4.

We show that ERBB2-dependent medulloblastoma cell invasion and prometastatic gene expression can be blocked using the ERBB tyrosine kinase inhibitor OSI-774.

Both ATF-1 homodimers and ATF-1/CREB heterodimers bind to the CRE but not to the related phorbol ester response element.

We found that cells expressing Olig2, Nkx2.2, and NG2 were enriched among virus-infected, GFP-positive (GFP+).

Moreover, expression of Carma1 induces phosphorylation of Bcl10 and activation of the NF-kappaB.

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The purified IRF-4 was also shown to be capable of binding DNA in a POU-dependent manner by electrophoretic mobility shift analysis.

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