The role of WT1 tumor suppressor gene in dampening TP53 DNA damage response in T-cell acute lymphoblastic leukemia

WT1 wild-type

DNA-damaging stimulus → TP53 → WT1 → WT1 protein → Apoptosis

WT1 mutations and/or deletions

DNA-damaging stimulus → TP53 → WT1 → WT1 truncated protein → Survival

Bordin et al., Haematologica, 2018