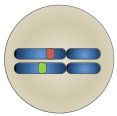
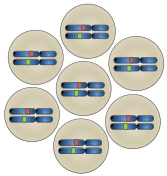
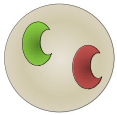
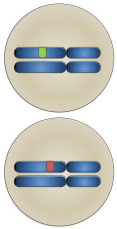
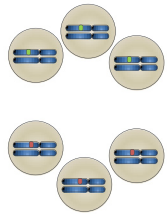
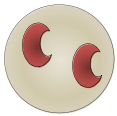
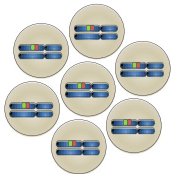
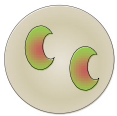
Type of *BRAF* mutation	Type of tumor	BRAF mutant protein	Tumor cells sensitivity to Vemurafenib treatment
Biallelic p.V600D and p.K601del	Homogeneous tumor: one clone	*BRAF*^{V600D} and *BRAF*^{K601del}	Vemurafenib treatment → **Predicted sensitivity:** - *In vitro* data for *BRAF*^{V600D} and no data indicating that *BRAF*^{K601del} could be a resistance mutation
Biclonal p.K601del p.V600D	Heterogeneous tumor: two clones	*BRAF*^{K601del}	Vemurafenib treatment → ?
		BRAF^{V600D}	Vemurafenib treatment → **Predicted sensitivity:** - *In vitro* data
Monoallelic p.V600DK601del	Homogeneous tumor: one clone	*BRAF*^{V600DK601del}	Vemurafenib treatment → ?



V600D
K601del