

**Supplementary Table 2: Computational prediction of damaging effects of mutations detected in the MM cell lines.**

Mutated genes	Amino acid change of mutated genes	Functional prediction
<b><i>EGFR</i></b>	V592I, R832C, V592I	damaging
<b><i>ABL1</i></b>	H929N	damaging
<b><i>FLT1</i></b>	I178S, E910K	damaging
<b><i>FLT3</i></b>	T526M	damaging
<b><i>FLT4</i></b>	V750M, G1328V	damaging
<b><i>NRAS</i></b>	G12D, G12V, Q61K	damaging
<b><i>RAF1</i></b>	S259F	damaging
<b><i>ALK</i></b>	P1213S	damaging
<b><i>ROS1</i></b>	S371P, R1569W	damaging
<b><i>SYK</i></b>	D410Y	damaging
<b><i>PIK3CA</i></b>	H1047R, W590C	damaging
<b><i>BRAF</i></b>	K601N	damaging
<b><i>ABL1</i></b>	H929N	damaging
<b><i>EGFR</i></b>	V592I, R832C, V592I	damaging
<b><i>CDK13</i></b>	V736E, G65R	damaging
<b><i>TP53</i></b>	E285K, K132M, L130V	damaging
<b><i>SYK</i></b>	D410Y	damaging
<b><i>MTOR</i></b>	A2300D	damaging