

**Supplementary Table 2. Clinical characteristic of CML patients' samples.**

<b>ID</b>	<b>Age</b>	<b>Sex</b>	<b>CML stage</b>	<b>Identified mutations (NGS)</b>	<b>% of blasts in the blood</b>
<b>P181</b>	55	M	CML-CP	Primarily resistance ABL1 E255K mutation	1%
<b>P371</b>	30	M	CML-CP	No NGS diagnostics	8% IG (immature cells)
<b>P372</b>	51	F	CML-CP	No NGS diagnostics	81G/L leukocytosis
<b>P356</b>	52	F	CML-BC	MSH2 and WT1 mutations	27%