

Supplementary table 2. On-target NGS analyses of HEK293T cells following KRAS gRNA plus homology donor transfection.

<b>Total number of reads*</b>	<b>Wildtype</b>	<b>Deletion / Frameshift</b>	<b>G12D</b> chr12:25,398,285 (G>A)	<b>Silent mutation 1</b> chr12:25,398,285 (G>A)	<b>Silent mutation 2</b> chr12:25,398,285 (G>A)	<b>Silent mutation 3</b> chr12:25,398,285 (G>A)	<b>HDR efficiency**</b>	<b>NHEJ efficiency***</b>
145,525	139,361 (96%)	13,356 (16.1%)	5,106 (3.5%)	4,312 (2.9%)	3,920 (2.7%)	3,136 (2.2%)	<b>2,744 (1.8%)</b>	<b>13,356 (16.1%)</b>

\*Position chr12:25,398,285 (KRAS G12, exon2)

\*\*Defined by G12D alteration plus 3 inserted silent mutations from homology donor

\*\*\*Defined by deletion/frameshift alteration at position chr12:25,398,285