

**Table S6.** Percentage of frameshift mutations per gene in experiments I to IV targeting *PpKAI2L* genes of clade i.

Target gene <sup>a</sup>	Percentage of Frameshift (%FS) <sup>b</sup>			
	Exp. I	Exp. II	Exp. III	Exp. IV
<i>PpKAI2L-A</i>	44,82	0	n/a	20
<i>PpKAI2L-B</i>	37,93	42,10	n/a	34,88
<i>PpKAI2L-C</i>	95,34	90	92,85	91,42
<i>PpKAI2L-D</i>	83,33	nf	76,47	77,77
<i>PpKAI2L-E</i>	n/a	82,35	65,45	75

<sup>a</sup>: sgRNAs used to target *PpKAI2L* genes are shown in Table S1,

<sup>b</sup>: %FS = ( $\sum$  FS mutations by gene in the exp./ $\sum$  mutations by gene in the exp.) $\times$ 100

n/a: not applicable, nf= no mutant found