

## Additional file 3

### NaNEC1c

WT CTGCAGACTTGGAGT // AAGGAAGAACC CAAAAGGAAA // TAAGATAATTGTGAGGC

gRNA3
gRNA2
gRNA1

**a**

		Total Indel % (Total Large Deletion %)	
Replicate 1	CTGCAG	-----//-----	TGTGAGGC 10
	CTGCAG	-----//-----	GTGAGGC 1.0
	CTGCAG	-----//----- CAAAAGGAAA // TAAGATAATTGTGAGGC	0.9
	CTGCAGACTTGGAGT // AAGGAAGAACC	-----//-----	GTGAGGC 0.8
		Total Indel % (Total Large Deletion %)	19.6 (16.7)
Replicate 2	CTGCAG	-----//-----	TGTGAGGC 16.8
	CTGCAG	-----//-----	GTGAGGC 1.7
	CTGCAGACTTGGAGT // AAGGAAGAACC	-----//-----	GTGAGGC 1.5
	CTGCAG	-----//----- CAAAAGGAAA // TAAGATAATTGTGAGGC	1.1
		Total Indel % (Total Large Deletion %)	25.8 (21.5)
Replicate 3	CTGCAG	-----//-----	TGTGAGGC 11.2
	CTGCAGACTTGGAGT // AAGGAAGAACC	-----//-----	GTGAGGC 1.1
	CTGCAG	-----//-----	GTGAGGC 0.9
	CTGCAG	-----//----- CAAAAGGAAA // TAAGATAATTGTGAGGC	0.4
		Total Indel % (Total Large Deletion %)	17.9 (14)

**b**

T <sub>0-8</sub>	CTGCAG	-----//-----	TGTGAGGC 14.1
	CTGCAG	-----//----- CAAAAGGAAA // TAAGATAATTGTGAGGC	0.9
		Total Indel % (Total Large Deletion %)	23.1 (15.6)
T <sub>0-9</sub>	CTGCAG	-----//-----	TGTGAGGC 62.7
	CTGCAGACTTGGAGT // AAGGAAGAACC	-----//-----	GTGAGGC 0.1
	CTGCAG	-----//----- CAAAAGGAAA // TAAGATAATTGTGAGGC	0.0
		Total Indel % (Total Large Deletion %)	69.6 (62.9)
T <sub>0-10</sub>	CTGCAG	-----//-----	TGTGAGGC 69.4
	CTGCAGCACTTGGAGT / AAGGAAGAACC CAAAAGGAAA // TAAGATAATTGTGAGGC	-----//-----	22.9
		Total Indel % (Total Large Deletion %)	99.5 (69.4)