

## Additional file 4

### NaNEC1c

	gRNA3	gRNA2	gRNA1		
WT	CTGCAG- <del>ACTTGG</del> AGT	// AAGGAAGAACCAAAAAGGAAA	//	TAAGATAATTGTGAGGC	
				Total Indel %	21.6
T <sub>0</sub> -1	CTGCAGAACTTGGAGT	// AAGGAAGAACCAAAAAGGAAA	//	TAAGATAATTGTGAGGC	21.2
				Total Indel %	64.7
T <sub>0</sub> -2	CTGCAGTACTTGGAGT	// AAGGAAGAACCAAAAAGGAAA	//	TAAGATAA- -GTGAGGC	26.4
	CTGCAGTACTTGGAGT	// AAGGAAGAACCAAAAAGGAAA	//	TAAGATAATTGTGAGGC	13.2
	CTGCAG-ACTTGGAGT	// AAGGAAGAACCAAAAAGGAAA	//	TAAGATAA- -GTGAGGC	8.9
				Total Indel %	96.9
T <sub>0</sub> -5	CTGCAGTACTTGGAGT	// AAGGAAGAACCAAAAAGGAAA	//	TAAGATAATTGTGAGGC	28.4
	CTGCAGAACTTGGAGT	// AAGGAAGAACCAAAAAGGAAA	//	TAAGATAATTGTGAGGC	23.6
	CTGCAGTACTTGGAGT	// AAGGAAGAACCAAAAAGGAAA	//	TAAGAT- - -GTGAGGC	10.5
				Total Indel %	96.2
T <sub>0</sub> -7	CTGCAGAACTTGGAGT	// AAGGAAGAACCAAAAAGGAAA	//	TAAGATAATTGTGAGGC	44.5
	CTGCAGTACTTGGAGT	// AAGGAAGAACCAAAAAGGAAA	//	TAAGATAATTGTGAGGC	19.9
	CTGCAG	-----/ /-----		TGTGAGGC	1.5
				Total Indel %	48.2
T <sub>0</sub> -11	CTGCAGTACTTGGAGT	// AAGGAAGAACCAAAAAGGAAA	//	TAAGATAATTGTGAGGC	25.2
	CTGCAG-ACTTGGAGT	// AAGGAA	-----/ /-----	GAGGC	4.5
	CTGCAGAACTTGGAGT	// AAGGAAGAACCAAAAAGGAAA	//	TAAGATAATTGTGAGGC	3.8