

Additional file 6

NaNEC1c

		gRNA2	gRNA1			
		CTAGGATCAAAGGAAGAACC	AAAAGGAAA	//	ACAATGACTAAGATAATTGTGAGGC	
		Total Indel %				98.4
Callus	-1	CTAGGATCAAAGGAAGAACC -----//-----TGTGAGGC				97.6
		CTAGGATCAAAGGAAGAACC AAAAGGAAA // ACAATGACTAAGATAAT-GTGAGGC				0.5
		Total Indel %				98.8
Callus	-2	CTAGGATCAAAG -----//-----ATA--TGTGAGGC				71.3
		-----//-----ACAATGACTAAGATAAT-GTGAGGC				14.6
		-----//-----AAAAGGAAA // ACAATGACTAAGATAA--GTGAGGC				10.8
		Total Indel %				91.3
Callus	-3	CTAGGATCAAAGGAAGAACC -----//-----TGTGAGGC				75.1
		CTAGGATCAAAGGA - - - - - AAAAGGAAA // ACAATGACTAAGATAATTGTGAGGC				6.3
		CTAGGATCAAAGGAAGAACC -----//-----GTGAGGC				0.9
		Total Indel %				84.8
Callus	-4	CTAGGAT -----//-----AATTGTGAGGC				61.9
		CTAGGATCAAAGGAAGAAC -AAAAGGAAA // ACAATGACTAAGATAATTGTGAGGC				15.2
		CTAGGATCAAAGGAAGA - -CAAAGGAAA // ACAATGACTAAGATAATTGTGAGGC				3.7
		Total Indel %				88.8
Callus	-5	CTAGGATCAAAGGAAGA -----//-----TAATTGTGAGGC				57.2
		CTAGGATCAAAGGAA ----- // ACAATGACTAAGATAAT-----//-----				21.3
		CTAGGATCAAAGGAAGAAC ----- // ACAATGACTAAGATAATTGTGAGGC				3.1

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		gRNA12	gRNA14			
		ACTATCCGTTCCAGATTCTTCTTC	AGGTAG	//	CATTGGGCAAGTACTCAAAGGGGC	
		Total Indel %				90.8
Callus	-1	ACTATCCGTTCCAGATTCTTCTTCAGGTAG // CATTGGGCAAGTACTCAAAGGGGC				32.4
		ACTATCCGTTCCAGATTCTTCTTCAGGTAG // ATTTGGGCAAGTACTCAAAGGGGC				30.1
		ACTATCCGTTCCAGATTCTTCTTCAGGTAG // CATTGGGCAAGTACTCTAAGGGGC				21.6
		Total Indel %				56.9
Callus	-2	ACTATCCGTTCCAGATTCTTCTTCAGGTAG // CATTGGGCAAGTACTCAAAGGGGC				28.5
		ACTATCCGTTCCAGATTCTTCTTCAGGTAG // CATT-----AAGGGGC				7.8
		ACTATCCGTTCCAGATTCTTCTTCAGGTAG // C-----C				7.0
		Total Indel %				38.4
Callus	-3	ACTATCCGTTCCAGATTCTTCTTCAGGTAG // CATTGGGCAAGTACTCAAAGGGGC				27.8
		ACTATCCGTTCCAGATTCTTCTTCAGGTAG // CATTGGGCAAGTACT- -AAGGGGC				5.5
		ACTATCCGTTCCAGATTCTTCTTCAGGTAG // CATTGGGCAAGTACT -AAGGGGC				1.4
		Total Indel %				47.4
Callus	-4	ACTATCCGTTCCAGATTCTTCTTCAGGTAG // CATTGGGCAAGTACTCAAAGGGGC				34.3
		ACTATCCGTTCCAGATTCTTCTTCAGGTAG // ATTTGGGCAAGTACTCAAAGGGGC				4.0
		ACTATCCGTTCCAGATTCTTCTTCAGGTAG // CATTGGGCAAGTACT -AAGGGGC				2.4
		Total Indel %				64.7
Callus	-5	ACTATCCGTTCCAGATTCTTCTTCAGGTAG // CATTGGGCAAGTACTCAAAGGGGC				44.4
		ACTATCCGTTCCAGATTCTTCTTCAGGTAG // ATTTGGGCAAGTACTCAAAGGGGC				5.4
		ACTATCCGTTCCAGATTCTTCTTCAGGTAG // CATTGGGCAAGTACT -AAGGGGC				4.5