

Tak. Additional File 3

1. Study design of RNA-seq

A.	Date of sequencing	Sequencer	Cell line	Sample type	Clone #	Replicate name (given by RNA extraction date)	Sample name	USC ID	# of mapped reads
	7/2/15	Nextseq500	HCT116	Control	1	A	C1_A	USC_RNA_56	16,835,185
						B	C1_B	USC_RNA_57	16,136,616
						C	C1_C	USC_RNA_58	12,973,689
					2	A	C2_A	USC_RNA_59	17,849,912
						B	C2_B	USC_RNA_60	16,536,346
						C	C2_C	USC_RNA_61	16,479,259
					3	A	C3_A	USC_RNA_62	16,880,730
						B	C3_B	USC_RNA_63	14,510,306
						C	C3_C	USC_RNA_64	12,879,816
				4	A	C4_A	USC_RNA_65	13,674,375	
					B	C4_B	USC_RNA_66	14,736,300	
					C	C4_C	USC_RNA_67	15,768,373	
				E7 Deletion	1	A	E7_A	USC_RNA_76	18,330,669
						B	E7_B	USC_RNA_77	17,464,123
						C	E7_C	USC_RNA_78	13,928,003
18qNE Deletion	1	A	NE1_A	USC_RNA_68	14,051,545				
		2	B	NE2_B	USC_RNA_70	17,159,364			
		3	A	NE3_A	USC_RNA_72	16,559,866			

B.	Date of sequencing	Sequencer	Cell line	Sample type	Clone #	Replicate name (given by RNA extraction date)	Sample name	USC ID	# of mapped reads
	5/5/15	Nextseq500	HCT116	Control	1	C	C1	USC_RNA_48	24,680,074
					2		C2	USC_RNA_49	22,926,469
				18qE Deletion	1		18qE_1	USC_RNA_52	24,837,265
					2		18qE_2	USC_RNA_53	23,033,168

C.	Date of sequencing	Sequencer	Cell line	Sample type	Clone #	Replicate name (given by RNA extraction date)	Sample name	USC ID	# of mapped reads
	1/27/15	Nextseq500	HEK 293	Control	1	D	HEK_293_C1	USC_RNA_40	28,851,361
					2		HEK_293_C2	USC_RNA_41	26,748,220
				E7 Deletion	1		HEK_293_E7_1	USC_RNA_42	35,279,209
					2		HEK_293_E7_2	USC_RNA_43	31,865,398

2. Study design of ChIP-seq

Date of sequencing	Sequencer	Cell line	Antibody used	Sample type	Biological replicate	Sample name	USC ID	# of mapped reads
9/9/14	Hiseq2000	HCT116	H3K27Ac	Control	1	H3K27Ac_Control_1	USC646	29,859,232
12/5/14					2	H3K27Ac_Control_2	USC659	27,282,365
9/9/14				E7 Deletion	1	H3K27Ac_E7Del_1	USC652	26,250,803
12/5/14					2	H3K27Ac_E7Del_2	USC660	31,175,944