

Table S17

Repeat types	HEK293T-CT			HEK293T-KD		
	Number of elements	Length occupied (bp)	Sequence (%)	Number of elements	Length occupied (bp)	Sequence (%)
SINEs:	2563	381682	43.21	1992	297479	29.63
ALUs	2546	380050	43.02	1938	291328	29.02
MIRs	17	1632	0.18	29	4263	0.42
LINEs:						
LINEs:	740	92899	10.52	1046	126105	12.56
LINE1	732	92378	10.46	987	120840	12.04
LINE2	8	521	0.06	57	5087	0.51
L3/CR1	0	0	0	0	0	0
LTR elements:						
LTR elements:	215	35041	3.97	525	57657	5.74
ERV1	3	486	0.06	76	7344	0.73
ERV1-MaLRs	161	26678	3.02	221	24152	2.41
ERV_classI	42	6454	0.73	219	24633	2.45
ERV_classII	9	1423	0.16	7	1194	0.12
DNA elements:						
DNA elements:	51	3845	0.44	83	6308	0.63
hAT-Charlie	5	540	0.06	29	2203	0.22
TcMar-Tigger	23	1761	0.2	38	3100	0.31
Unclassified:						
Unclassified:	40	3089	0.35	82	4828	0.48
Total interspersed repeats:						
Total interspersed repeats:		516556	58.48		492377	49.05
Small RNA:						
Small RNA:	149	8425	0.95	112	7407	0.74
Satellites:						
Satellites:	987	171056	19.36	1035	160049	15.94
Simple repeats:						
Simple repeats:	757	62855	7.12	520	44163	4.4
Low complexity:						
Low complexity:	12	718	0.08	7	353	0.04