

Table S9

Repeat types	GM02639-CT			GM02639-KD		
	Number of elements	Length occupied (bp)	Sequence (%)	Number of elements	Length occupied (bp)	Sequence (%)
SINEs:	4228	610798	16.54	2847	421569	16.77
ALUs	3761	557317	15.09	2517	385113	15.32
MIRs	465	53291	1.44	327	36130	1.44
LINES:	3897	725424	19.65	2543	465694	18.52
LINE1	3385	656389	17.78	2178	420403	16.72
LINE2	467	62928	1.7	332	41635	1.66
L3/CR1	29	4326	0.12	26	3085	0.12
LTR elements:	1721	298335	8.08	1108	193987	7.72
ERV1	312	53566	1.45	193	34211	1.36
ERV1-MaLRs	686	112482	3.05	467	75439	3
ERV_classI	612	111808	3.03	385	72928	2.9
ERV_classII	79	16387	0.44	39	8458	0.34
DNA elements:	696	96124	2.6	501	68906	2.74
hAT-Charlie	329	41496	1.12	230	30269	1.2
TcMar-Tigger	216	34349	0.93	166	25275	1.01
Unclassified:	28	2292	0.06	19	1721	0.07
Total interspersed repeats:		1732973	46.93		1151877	45.82
Small RNA:	25	1893	0.05	15	1247	0.05
Satellites:	842	187698	5.08	474	103459	4.12
Simple repeats:	878	35996	0.97	585	23688	0.94
Low complexity:	107	4911	0.13	69	3201	0.13