

Table S5

Repeat types	GM02639-CT			GM02639-KD		
	Number of elements	Length occupied (bp)	Sequence (%)	Number of elements	Length occupied (bp)	Sequence (%)
SINEs:	14917	1931519	20.41	6066	853679	19.58
ALUs	14375	1884855	19.92	5812	830905	19.06
MIRs	542	46664	0.49	254	22774	0.52
LINEs:	10123	1245583	13.16	3893	509551	11.69
LINE1	9441	1183032	12.5	3630	484201	11.1
LINE2	640	58961	0.62	251	24041	0.55
L3/CR1	33	2655	0.03	7	702	0.02
LTR elements:	4130	449761	4.75	1354	152978	3.51
ERV1	685	76136	0.8	212	22163	0.51
ERV1-MaLRs	1820	203026	2.15	609	71300	1.64
ERV_classI	1226	132615	1.4	459	51294	1.18
ERV_classII	382	36316	0.38	62	7004	0.16
DNA elements:	1316	125318	1.32	540	51774	1.19
hAT-Charlie	592	52865	0.56	235	20568	0.47
TcMar-Tigger	536	54842	0.58	216	23943	0.55
Unclassified:	1657	111204	1.18	674	47300	1.08
Total interspersed repeats:		3863385	40.83		1615282	37.05
Small RNA:	1572	88300	0.93	628	35470	0.81
Satellites:	11242	2087359	22.06	6102	1164495	26.71
Simple repeats:	6888	567282	6	4029	356982	8.19
Low complexity:	202	9405	0.1	73	3522	0.08