

Supplementary Table 3: Segmental Duplication Repeat Content

Repeat Class	WSSD+WGAC		WSSD		WGAC (>10kb, >94%)		Genome-wide average
	bp	Fraction	bp	Fraction	bp	Fraction	
DNA	601,122	0.359%	504,807	0.359%	459,321	0.380%	0.861%
LINE	57,660,345	34.429%	51,878,363	36.849%	35,207,886	29.121%	20.330%
Low_complexity	962,993	0.575%	756,152	0.537%	742,604	0.614%	0.787%
LTR	32,583,702	19.456%	26,508,216	18.829%	24,805,658	20.517%	10.202%
Other	623,608	0.372%	526,719	0.374%	544,293	0.450%	0.288%
RNA	2,432	0.001%	1,842	0.001%	1,258	0.001%	0.004%
rRNA	21,037	0.013%	20,411	0.014%	15,992	0.013%	0.006%
Satellite	534,890	0.319%	462,554	0.329%	450,991	0.373%	0.049%
scRNA	20,922	0.012%	15,893	0.011%	16,969	0.014%	0.019%
Simple_repeat	2,786,277	1.664%	2,188,796	1.555%	2,218,425	1.835%	2.466%
SINE	6,366,333	3.801%	5,274,864	3.747%	5,031,737	4.162%	7.415%
snRNA	12,531	0.007%	9,027	0.006%	9,139	0.008%	0.009%
srpRNA	537	0.000%		0.000%	537	0.000%	0.001%
tRNA	10,868	0.006%	8,276	0.006%	7,358	0.006%	0.011%
Unknown	902,548	0.539%	738,502	0.525%	854,902	0.707%	0.052%
Total	103,090,145	61.556%	88,894,422	63.141%	70,367,070	58.202%	42.502%