

Table S3 Transposable elements (TE) in the *C. shearer* genome

Type	Copy number	Length (bp)	Percentage in the genome
DNA elements (transposons)	101,226	20,789,078	7.37%
DNA/CMC-EnSpm	1,140	401,392	0.14%
DNA/MULE-MuDR	4,713	1,712,641	0.61%
DNA/PIF-Harbinger	2,906	938,239	0.33%
DNA/TcMar-Pogo	99	9,401	0.00%
DNA/TcMar-Stowaway	6	59	0.00%
DNA/hAT	1,982	598,053	0.21%
other	90,380	17,129,293	6.08%
RNA elements (retrotransposons)	169,576	74,653,258	26.47%
LTR/Copia	53,097	68,496,871	7.27%
LTR/Gypsy	29,747	14,235,151	5.05%
LTR/Cassandra	855	54,620	0.02%
LTR/Caulimovirus	404	301,232	0.11%
LTR/Pao	219	71,698	0.03%
LINE/L1	15,161	6,156,387	2.18%
other	70,093	33,329,524	11.82%
Unclassified TEs	163,705	29,721,061	10.54%
Low_complexity	116	14,658	0.01%
Satellite	7	814	0.00%
Simple_repeat	2,180	225,856	0.08%
Total		125,404,725	44.47%