

**Table 1 Chickpea genome assembly, gene annotation and non-protein coding genes**

	All scaffold (≥1K)	Scaffold ≥ 2K
<b>Assembly features</b>		
Number of scaffolds	7,163	3,659
Total span	532.29 Mb	527.50 Mb
N50 (scaffolds)	39.99 Mb	39.99 Mb
Longest scaffold	59.46 Mb	59.46 Mb
Number of contigs	62,619	56,440
Longest contig	258.19 kb	258.19 kb
N50 (contigs)	23.54 kb	23.69 kb
GC content	30.78%	30.76%
<b>Gene models</b>		
Number of gene models	28,269	
Number of gene models (without transposable elements)	28,255	
Mean transcript length	3,055.39	
Mean coding sequence length	1,166.44 bp	
Mean number of exons per gene	4.93	
Mean exon length	236.51 bp	
Mean intron length	480.43 bp	
Number of genes annotated	25,365 (89.73%)	
Number of genes unannotated	2,904 (10.27%)	
<b>Non-protein coding genes</b>		
Number of miRNA genes	420	
Mean length of miRNA genes	122.58 bp	
miRNA genes share in genome	0.01%	
Number of rRNA fragments	478	
Mean length of rRNA fragments	178.52 bp	
rRNA fragments share in genome	0.02%	
Number of tRNA genes	684	
Mean length of tRNA genes	75.04 bp	
tRNA genes share in genome	0.01%	
Number of snRNA genes	647	
Mean length of snRNA genes	118.26 bp	
snRNA genes share in genome	0.01%	