



## Distribution of essential and non-essential genes in fission yeast

Essential genes (tall bars) and non-essential genes (short bars) are distributed randomly throughout the genome except within 100kb of the telomeres where the percentage of non-essential genes is increased.

For each chromosome, above and below the line represent genes transcribed from the forward and reverse strands, respectively. X axis is chromosome length in megabase pairs (Mbp).

Chr, chromosome; Cen, Centromere.