Distribution of unique, non-genomic and repeated k-mers in the genome 10⁷ repeated non-genomic unique 10⁶ 10⁵ number of k-mers 10⁴ 10³ 10² 10¹ 5 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 4 6 k-mers frequency in the reads