Α K=1 K=3 DEploid-IBD DEploid-IBD DEploid-IBD K = 2 K = 4 DEploid Coverage below 20 Coverage below 20 Coverage below 20 Coverage below 20 Wrong k Wrong k DEploid-IBD bar . . W. 1 . 1 1 100 1 1 1 1 2.0 2.5 2000 3000 0.5 0.5 1.0 1.5 3.0 3.5 0.0 0.2 0.4 0.6 0.8 1.0 1000 4000 Proportion Fraction of K Effective K Pairwise Relatedness IBD N50 (kb) В K = 1 = K = 3 DEploid-IBD DEploid-IBD DEploid-IBD K=2 K=4 DEploid Coverage below 20 Coverage below 20 Coverage below 20 Coverage below 20 Wrong k Wrong k DEploid-IBD Ballion and the Billion. productive at the 0.5 10 15 2.0 2.5 3.0 3.5 0.6 1000 2000 3000 Proportion Fraction of K Effective K Pairwise Relatedness IBD N50 (kb)