Proportion of correctly mapped read by tools and error 100 -95 -90 -85 -80 -75 -Percentage of reads 70 60 -55 -50 -45 -40 -35 -25 -20 -15 -0 default* G1 G2 G3 G4 G5 G6 G7 G8 G9 56 82 92 64 87 96 99 perfect 64 63 62 62 59 64 64 64 86 95 98 86 95 87 87 84 5pb shift 96 99 94 98 96 96 96

98

10pb shift 20pb shift

99

96

99

99