**$ samtools flagstat Ad-Gfb.bam**

142708530 + 0 in total (QC-passed reads + QC-failed reads)

19981544 + 0 secondary

0 + 0 supplementary

0 + 0 duplicates

134466833 + 0 mapped (94.22% : N/A)

122726986 + 0 paired in sequencing

61363493 + 0 read1

61363493 + 0 read2

105252718 + 0 properly paired (85.76% : N/A)

111892892 + 0 with itself and mate mapped

2592397 + 0 singletons (2.11% : N/A)

2102098 + 0 with mate mapped to a different chr

1922425 + 0 with mate mapped to a different chr (mapQ>=5)

**$ samtools flagstat Ad-Rbm10.bam**

157648290 + 0 in total (QC-passed reads + QC-failed reads)

27182628 + 0 secondary

0 + 0 supplementary

0 + 0 duplicates

151854529 + 0 mapped (96.32% : N/A)

130465662 + 0 paired in sequencing

65232831 + 0 read1

65232831 + 0 read2

112363866 + 0 properly paired (86.13% : N/A)

121919864 + 0 with itself and mate mapped

2752037 + 0 singletons (2.11% : N/A)

1975586 + 0 with mate mapped to a different chr

1734651 + 0 with mate mapped to a different chr (mapQ>=5)