

```
@HD      VN:1.4
@SQ      SN:4      LN:191154276
@SQ      SN:7      LN:159138663
@SQ      SN:12     LN:133851895
@SQ      SN:17     LN:81195210
@PG      ID:STAR  PN:STAR  VN:STAR_2.5.1b  CL:STAR  --genomeDir /share/data/compngen2016/
day45_Intro2Seq_VarCalling/genomes/H.Sapiens/b37_h1/index/star/NoGTF  --readFilesIn /share/data/compngen2016/
day45_Intro2Seq_VarCalling/Labs/2_Mapping/data/gencodeTest2_Q30_1_R1.fastq.gz  /share/data/compngen2016/
day45_Intro2Seq_VarCalling/Labs/2_Mapping/data/gencodeTest2_Q30_1_R2.fastq.gz  --readFilesCommand gzcata
@CO      user command line: STAR --genomeDir /share/data/compngen2016/day45_Intro2Seq_VarCalling/genomes/
H.Sapiens/b37_h1/index/star/NoGTF --readFilesIn /share/data/compngen2016/day45_Intro2Seq_VarCalling/Labs/
2_Mapping/data/gencodeTest2_Q30_1_R1.fastq.gz /share/data/compngen2016/day45_Intro2Seq_VarCalling/Labs/2_Mapping/
data/gencodeTest2_Q30_1_R2.fastq.gz --readFilesCommand gzcata
ENST00000000233.5_540_1027_0:0:0_0:0:0_0      163      7      127231072      255      71M4S      =
127231609      612
ACATGCCCAACGCCATGCCCGTGAGCGAGCTGACTGACAAGCTGGGGCTACAGCACTTACGCAGCCGCACGTGGT      ?????????????????????????????????????????
????????????????????????????????????????????      NH:i:1  HI:i:1  AS:i:144      nM:i:0
ENST00000000233.5_540_1027_0:0:0_0:0:0_0      83      7      127231609      255      75M      =
127231072      -612
AGAGGAGGAGCAGGGATCTGGGTTTCTTTTTTTTTTCTGTTTTGGGTGTACTCTAGGGGCCAGGTTGGGAGGGG      ?????????????????????????????????????????
????????????????????????????????????????????      NH:i:1  HI:i:1  AS:i:144      nM:i:0
ENST00000000233.5_536_1088_0:0:0_1:0:0_1      99      7      127231068      255      75M      =
127231670      677
CAGGACATGCCCAACGCCATGCCCGTGAGCGAGCTGACTGACAAGCTGGGGCTACAGCACTTACGCAGCCGCACG      ?????????????????????????????????????????
????????????????????????????????????????????      NH:i:1  HI:i:1  AS:i:146      nM:i:1
ENST00000000233.5_536_1088_0:0:0_1:0:0_1      147      7      127231670      255      75M      =
127231068      -677      CAGGTTGGGAGGGGGAAGGTGAGGGCTTCGGGTGGTGCTTTAATGTGGCACTGGATCTTGAGTAATAAATTTGCT
```