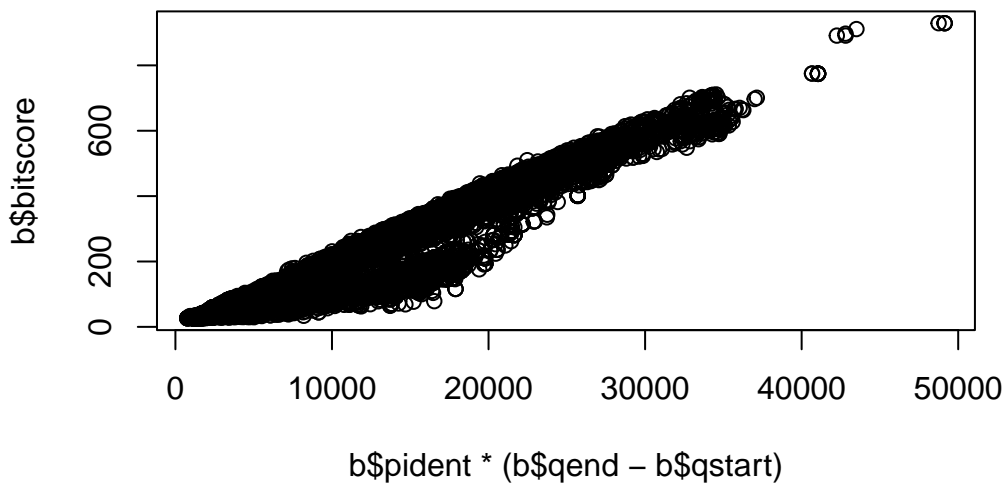


class 16

Samson A16867000

```
b <- read.table("myresult.rsv",  
                col.names = c("qseqid", "sseqid", "pident", "length", "mismatch", "gapopen"  
                )
```

```
plot(b$pident * (b$qlen - b$qlstart), b$bitscore)
```



```
library(ggplot2)  
ggplot(b, aes((b$pident * (b$qlen - b$qlstart)), bitscore)) + geom_point(alpha=0.1) + geom_smooth()
```

Warning: Use of `b\$pident` is discouraged.
i Use `pident` instead.

Warning: Use of `b\$qend` is discouraged.
i Use `qend` instead.

Warning: Use of `b\$qstart` is discouraged.
i Use `qstart` instead.

Warning: Use of `b\$pident` is discouraged.
i Use `pident` instead.

Warning: Use of `b\$qend` is discouraged.
i Use `qend` instead.

Warning: Use of `b\$qstart` is discouraged.
i Use `qstart` instead.

`geom_smooth()` using method = 'gam' and formula = 'y ~ s(x, bs = "cs")'

