

a

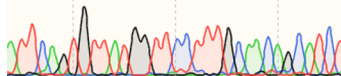
SIRT1 original sequence

```
attcagtgatggttcctttgcaacagcatct
360                               365                               370
Ile Gln Cys His Gly Ser Phe Ala Thr Ala Ser
```

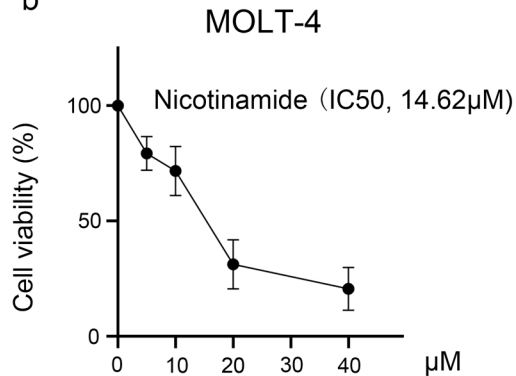
SIRT1 H363Y sequence

```
ATTCAGTGTATGGTTTCCTTTGCAACAGCATCT
Ile Gln Cys Tyr Gly Ser Phe Ala Thr Ala Ser
```

Sanger sequencing result



b



c

