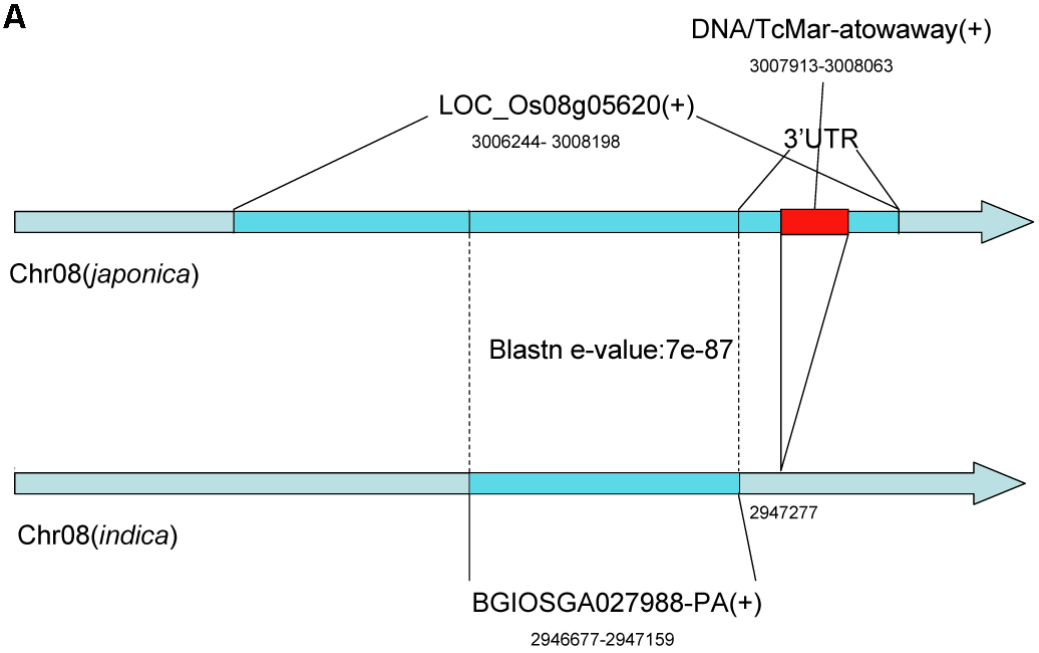
A



B

```
>>LOC_Os08g05620.1|13108.m00554|cDNA cytochrome P450, pu  (1955 nt)
rev-comp initn: 560 init1: 560 opt: 603  Z-score: 450.1  bits: 93.3 E(): 8.4e-19
 85.119% identity (85.629% ungapped) in 168 nt overlap (168-2:1661-1828)

                                   170       160       150       140
osa-M-                        GTTCAAGTTCTATATACTCCCTCCGTTTCACAATGTA
                                     : :::   :::: :::::::::: ::::::::
LOC_Os TAGGTCATGGCTTCTCTTTGCTAATCATGCTACTAATTACTTCCTCCGTTTTACAATGTA
            1640      1650      1660      1670      1680      1690

            130       120       110       100        90        80
osa-M- AGTTATTCTACCATTTCCCATATTCATATTGATGTTAATAAATCTAGACATATATATCTA
       ::: :::::  :::::: ::::::::::::::::: :::  :::::::::::::::::::
LOC_Os AGTCATTCTGCCATTTCTCATATTCATATTGATCCTAACGAATCTAGACATATATATCTA
            1700      1710      1720      1730      1740      1750

             70        60        50        40        30        20
osa-M- TATAGATTCATTAACATCAATATAAATGTGCGAAATTTTATAATGACTTACACTGTGAAA
       : ::::::::::::::: ::::: ::: :::::::: ::: :::::::::: :::::::
LOC_Os TCTAGATTCATTAACATTAATATGAATATGCGAAATGTTAGAATGACTTACATTGTGAAA
            1760      1770      1780      1790      1800      1810

              10
osa-M- C-AAACGAACTACATATTT
       :   ::::::::   :::
LOC_Os CTGCAGCAACTAGCAATTAAAAATGGTGATTAGATTTAAGTTCCTCTTGTTCTTTTGCGG
            1820      1830      1840      1850      1860      1870
```

C