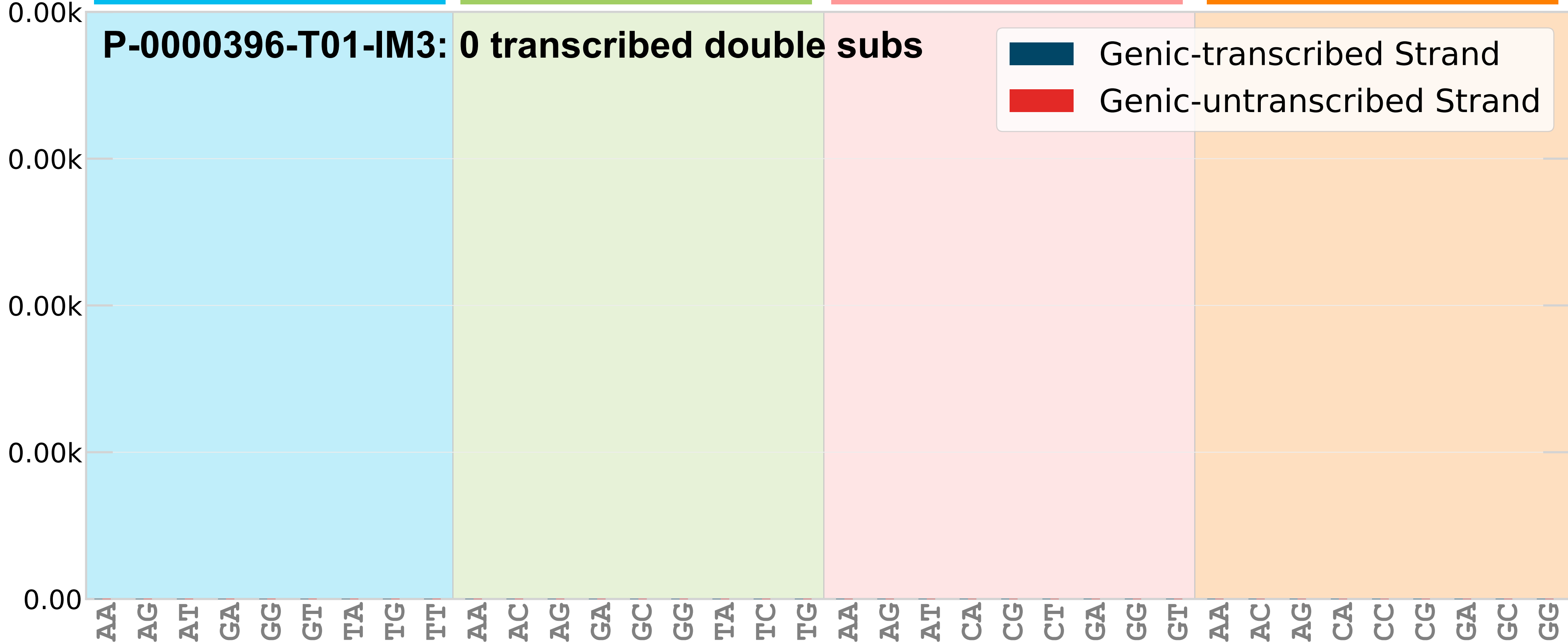
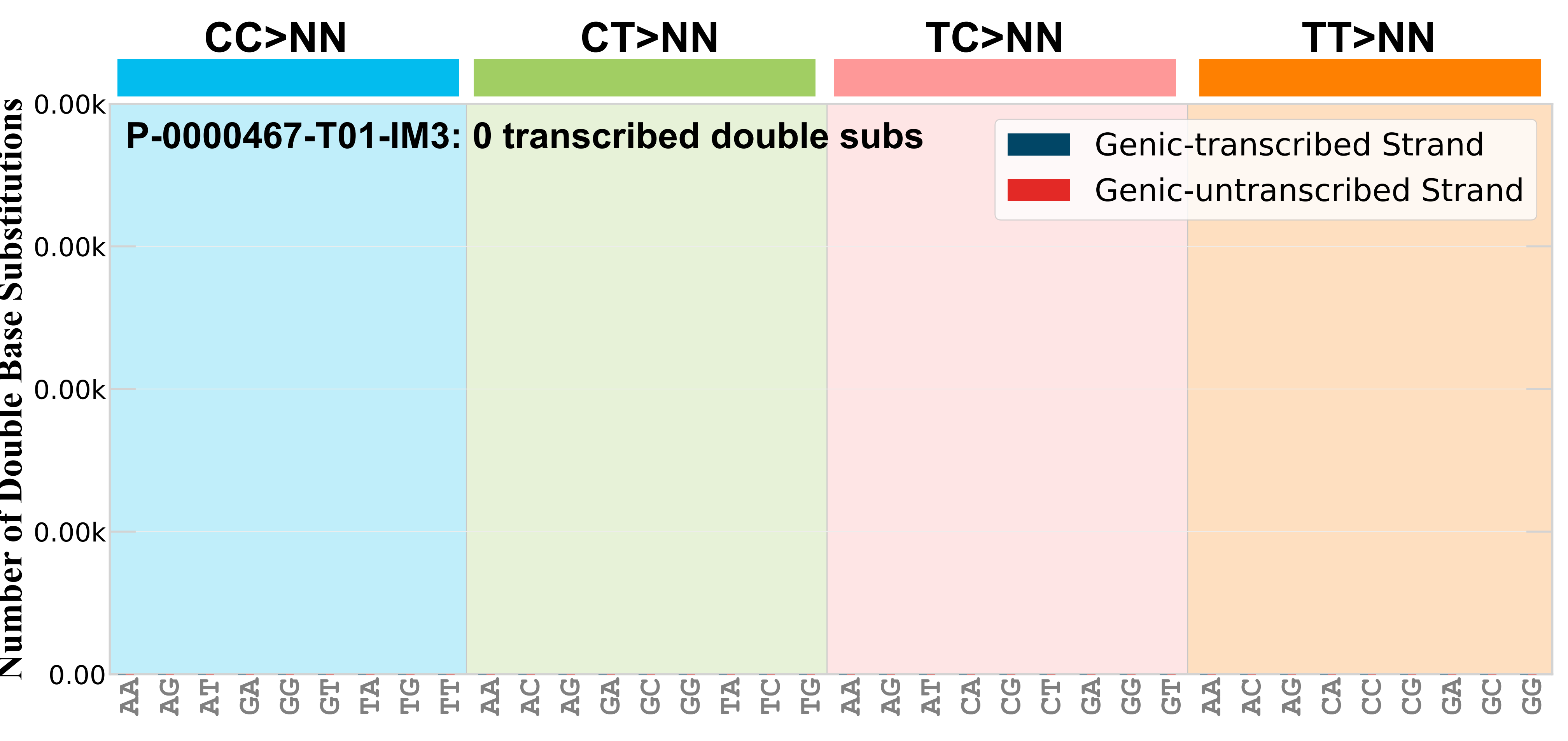


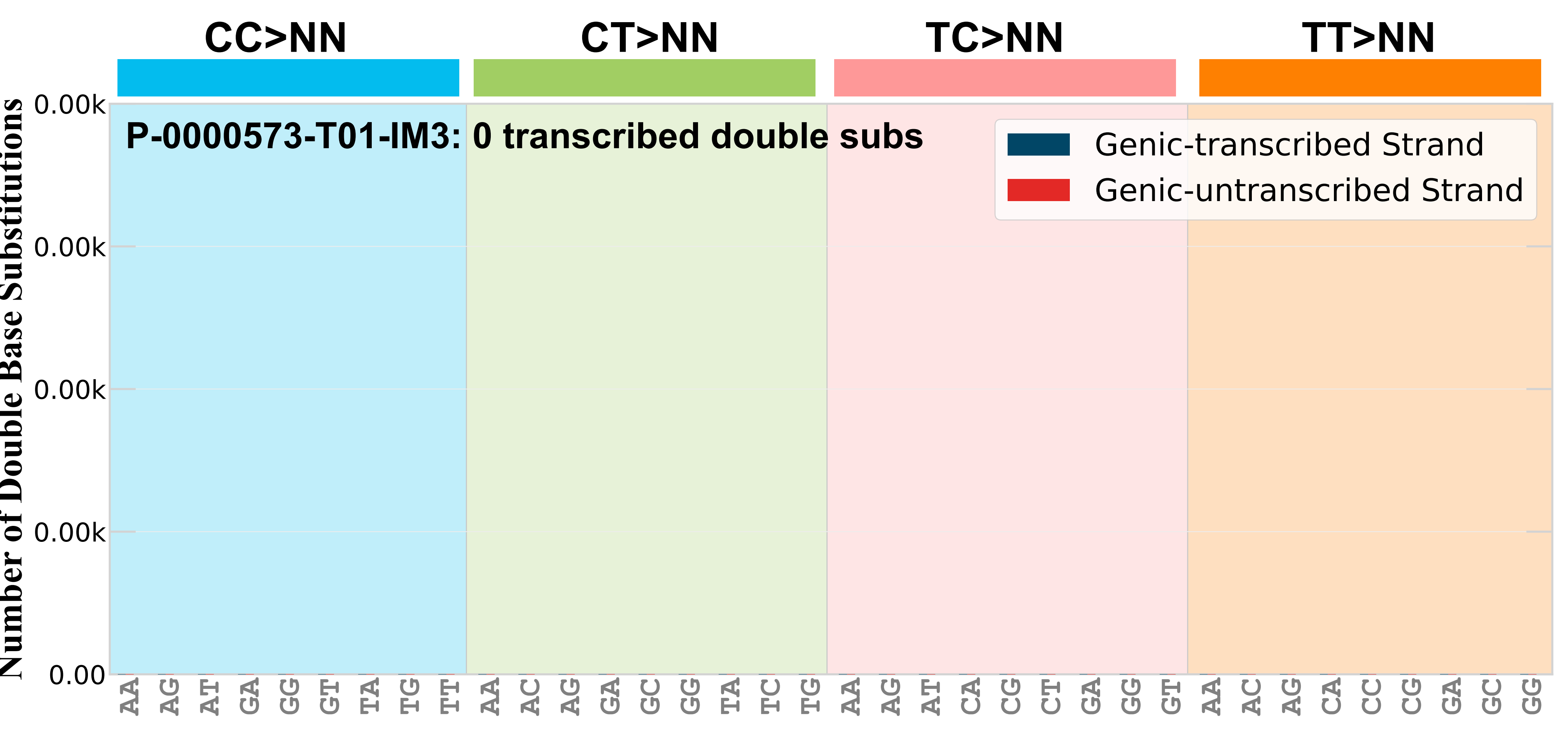
**TT>NN**





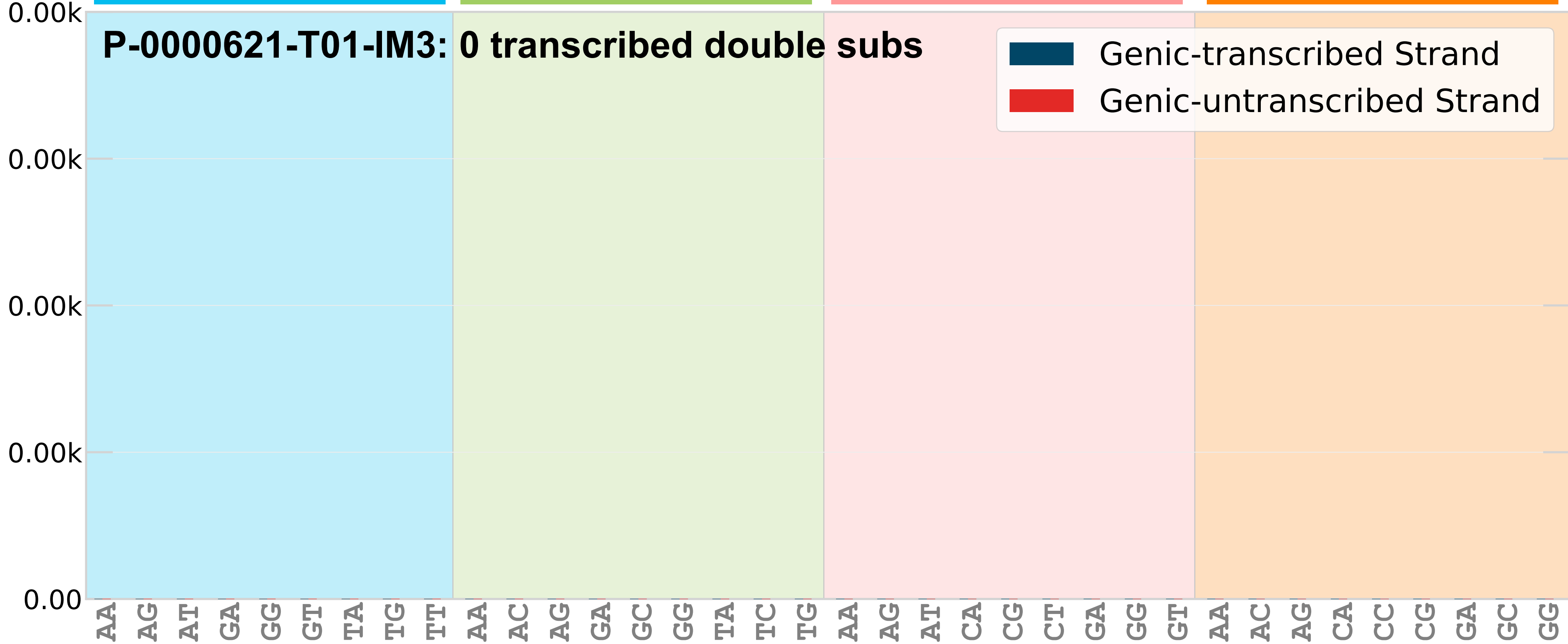


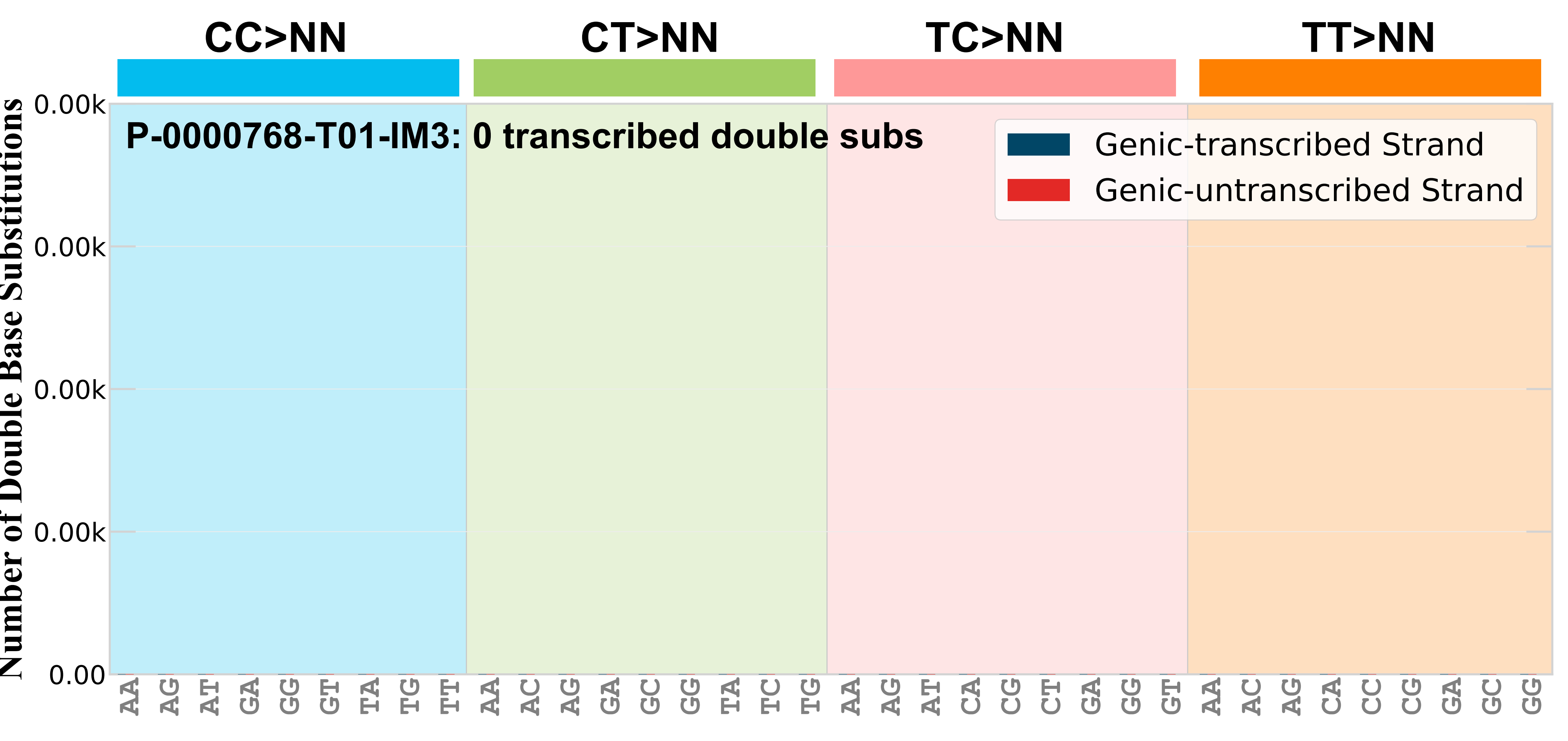


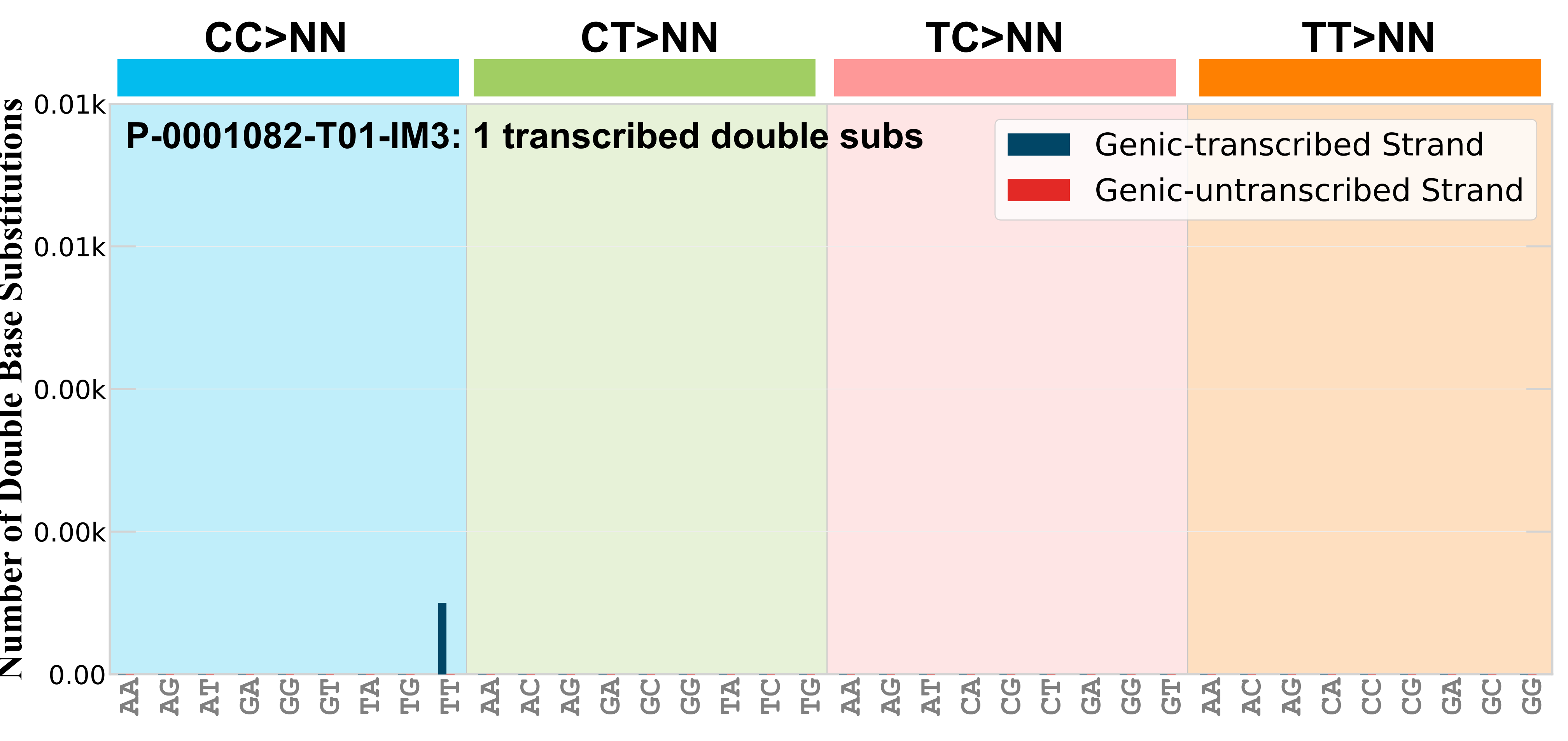














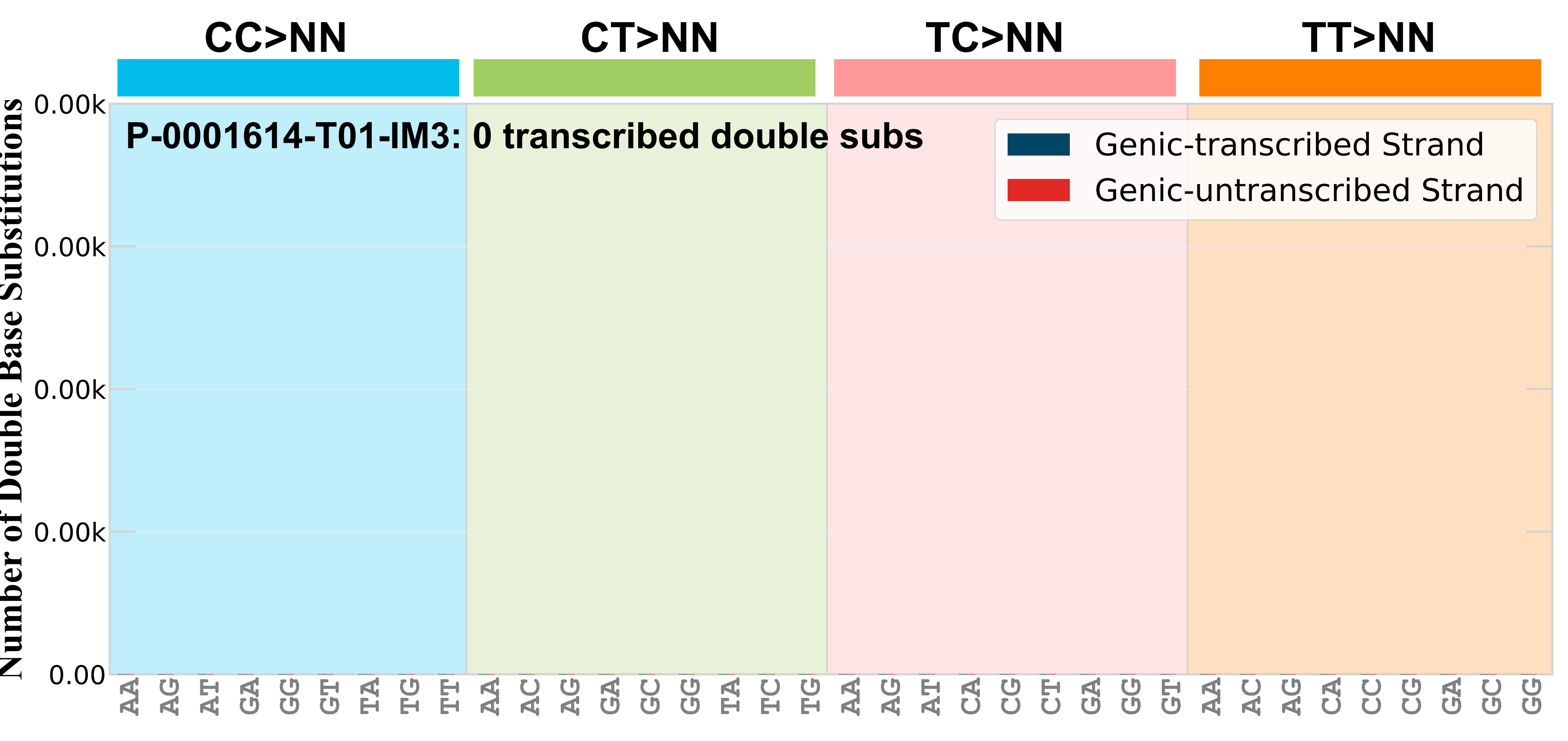




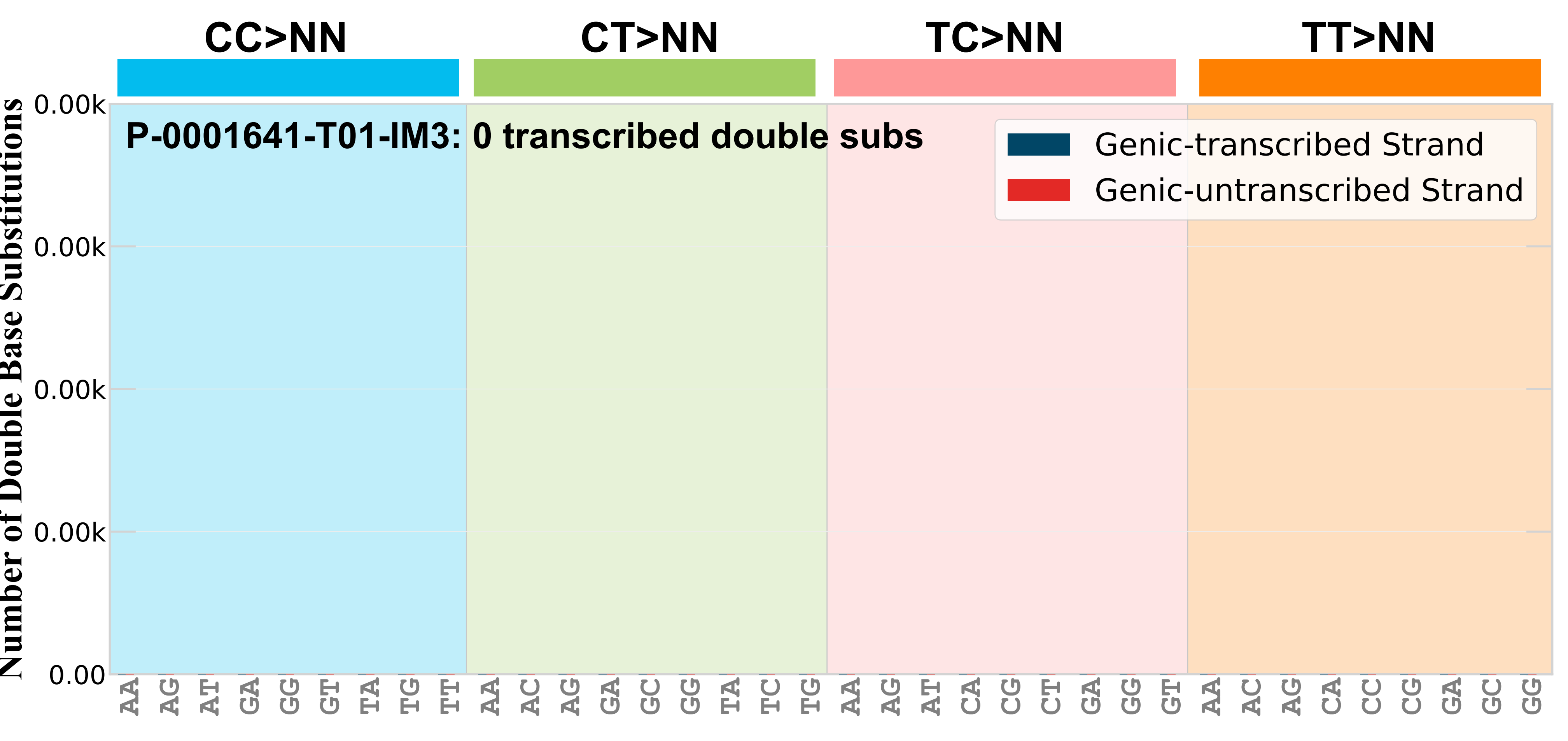


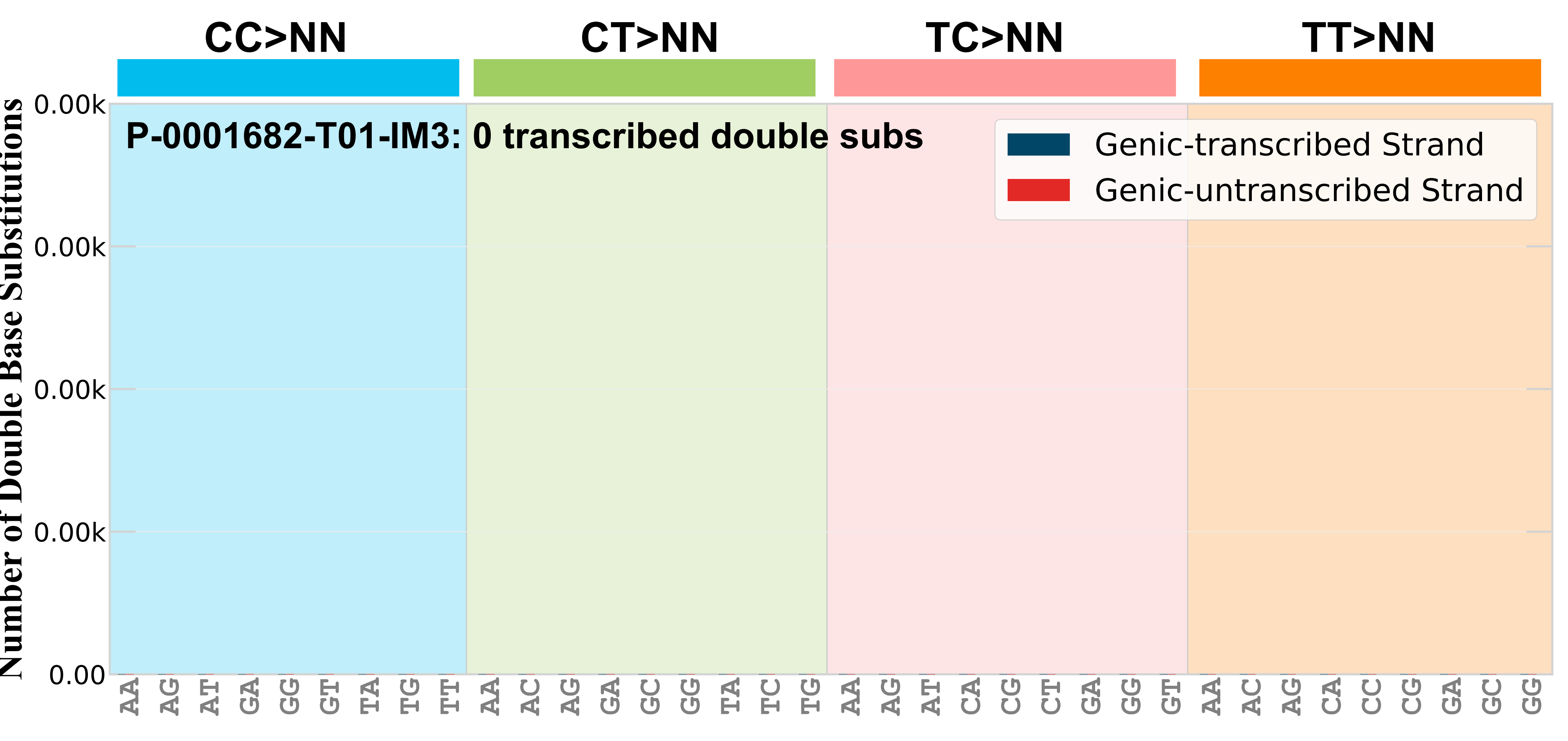






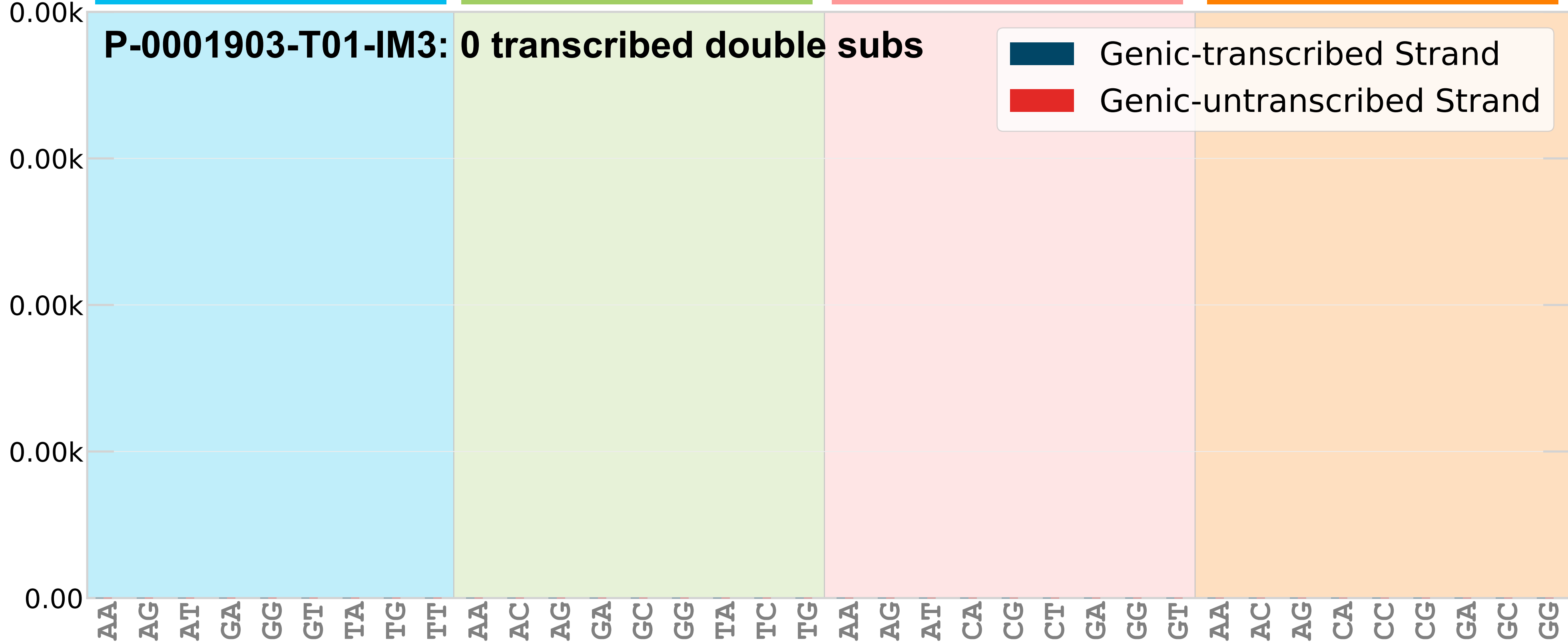


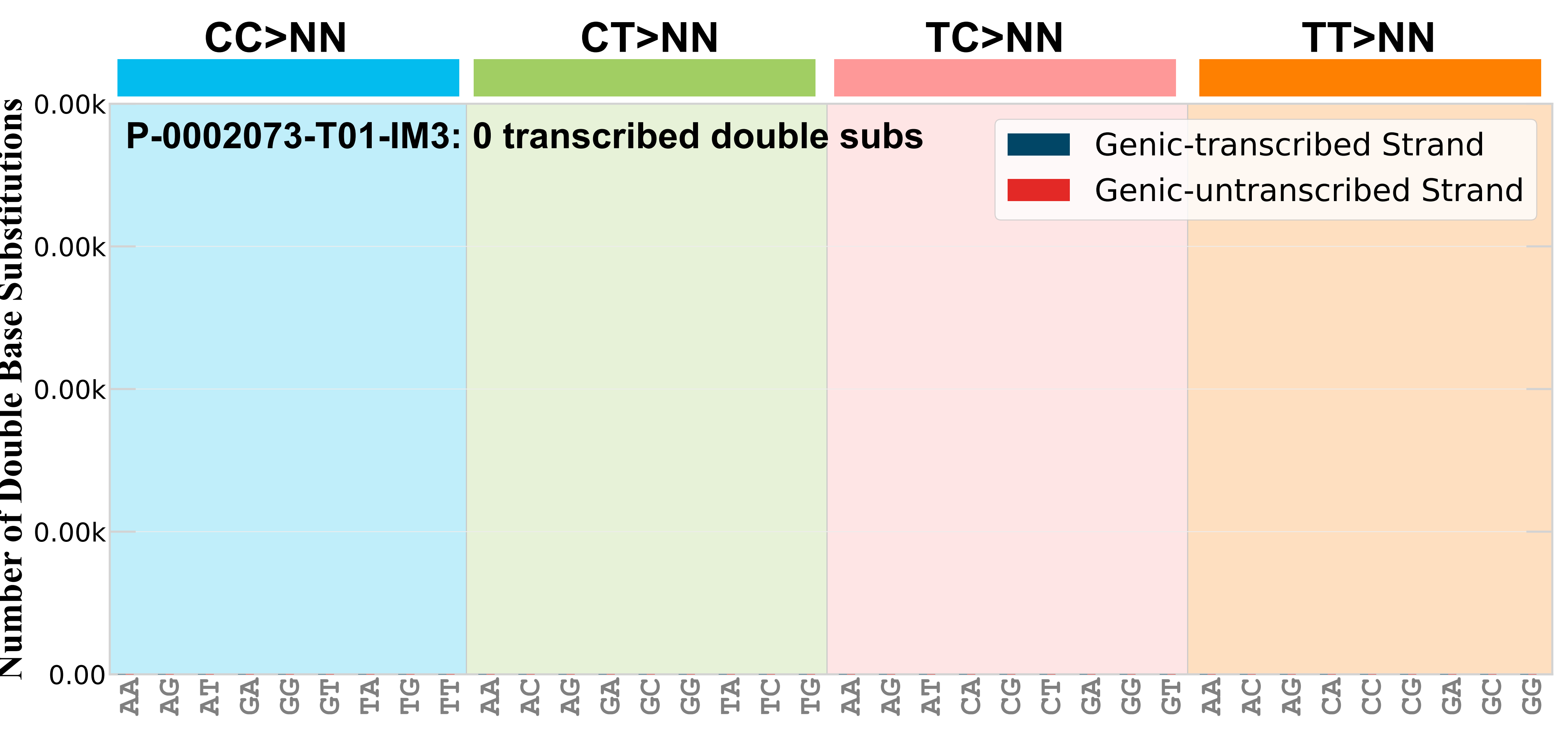






**TT>NN**



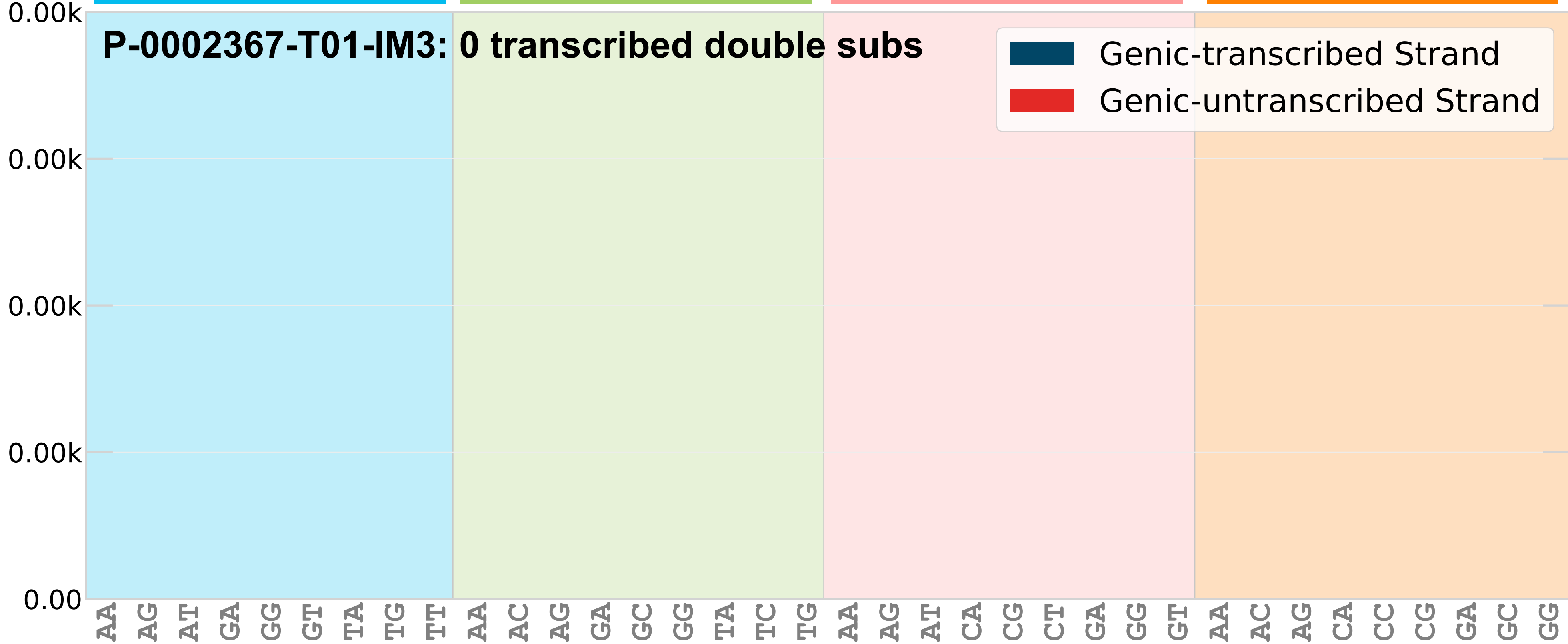




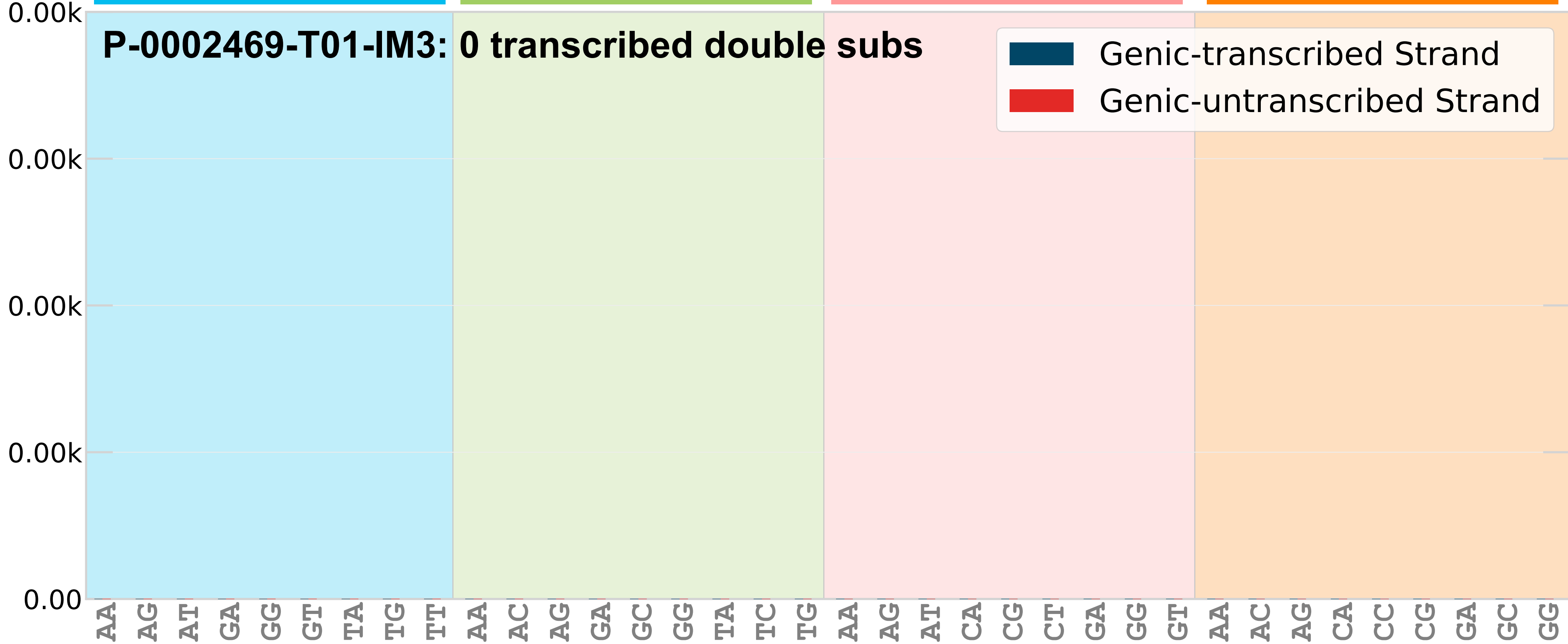




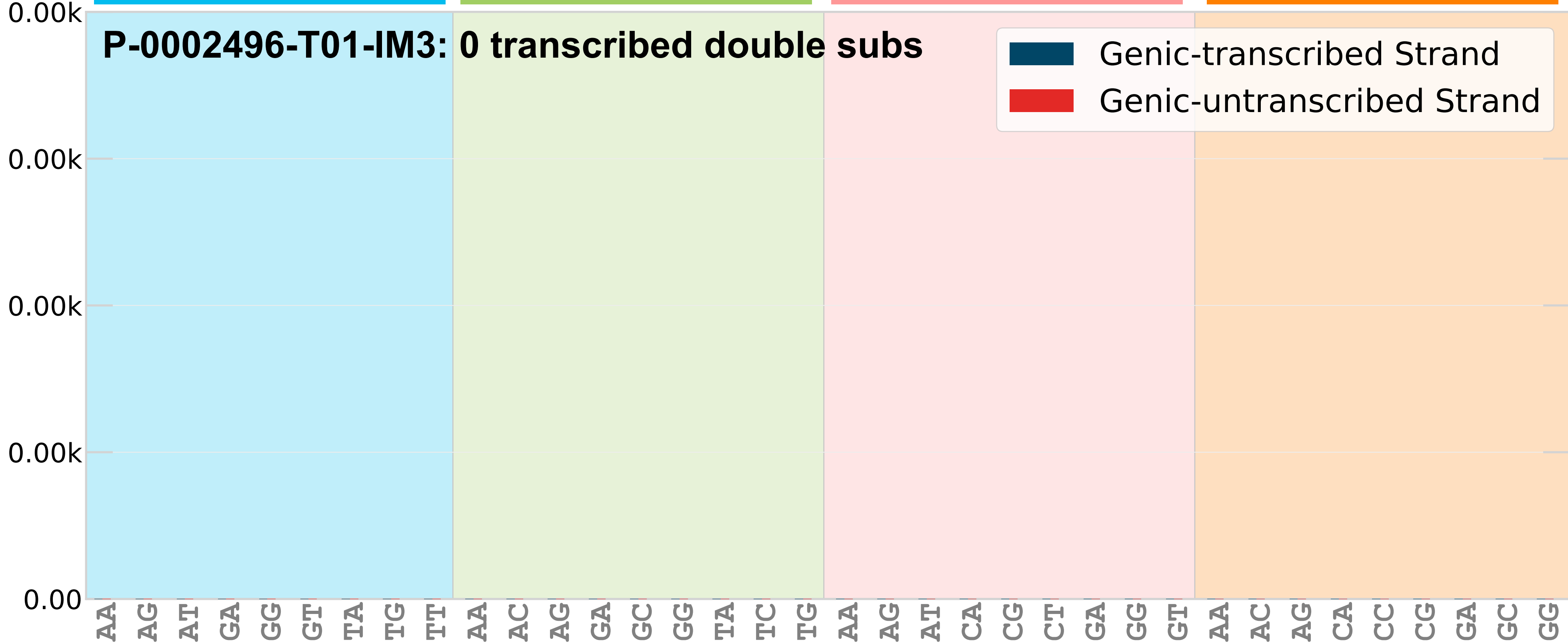
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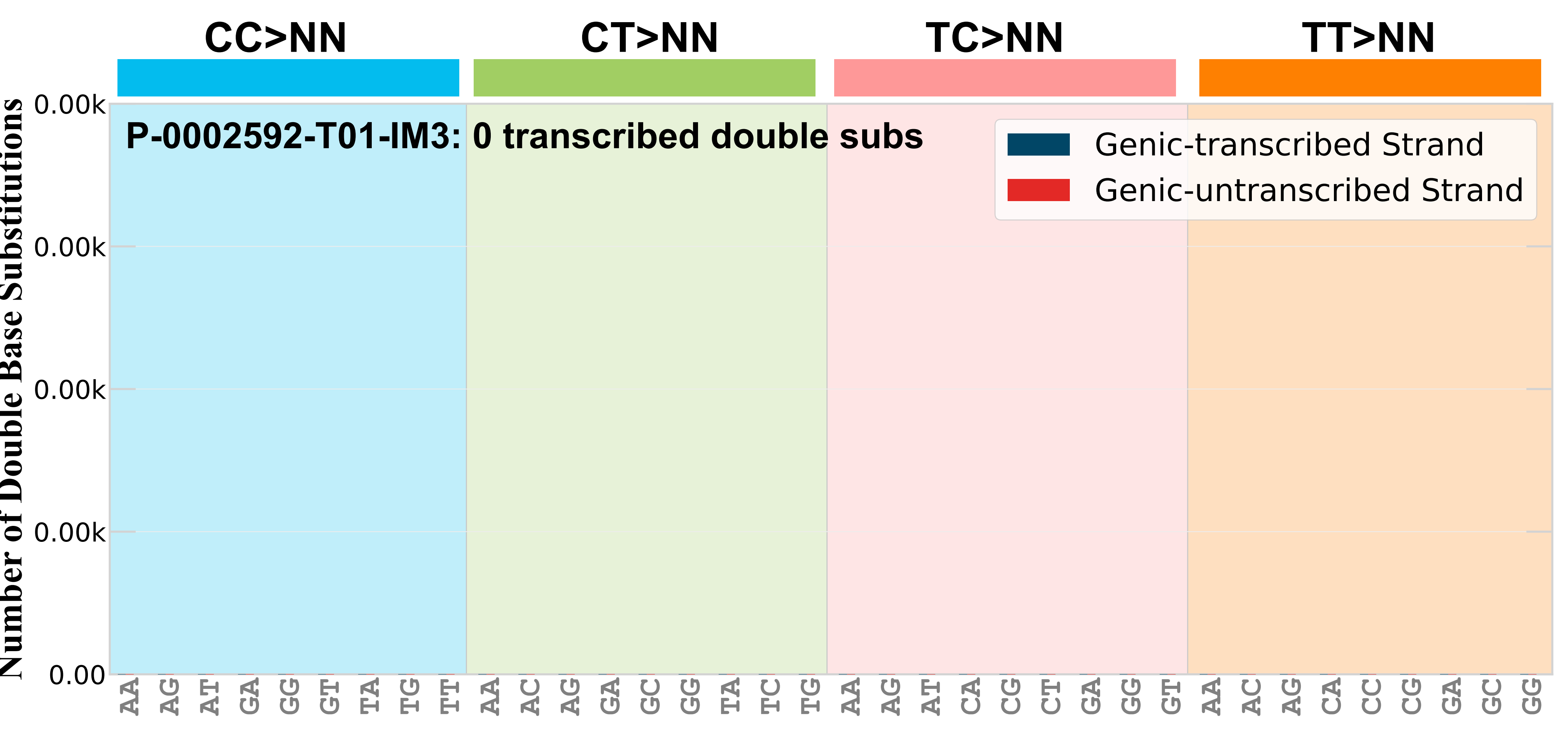
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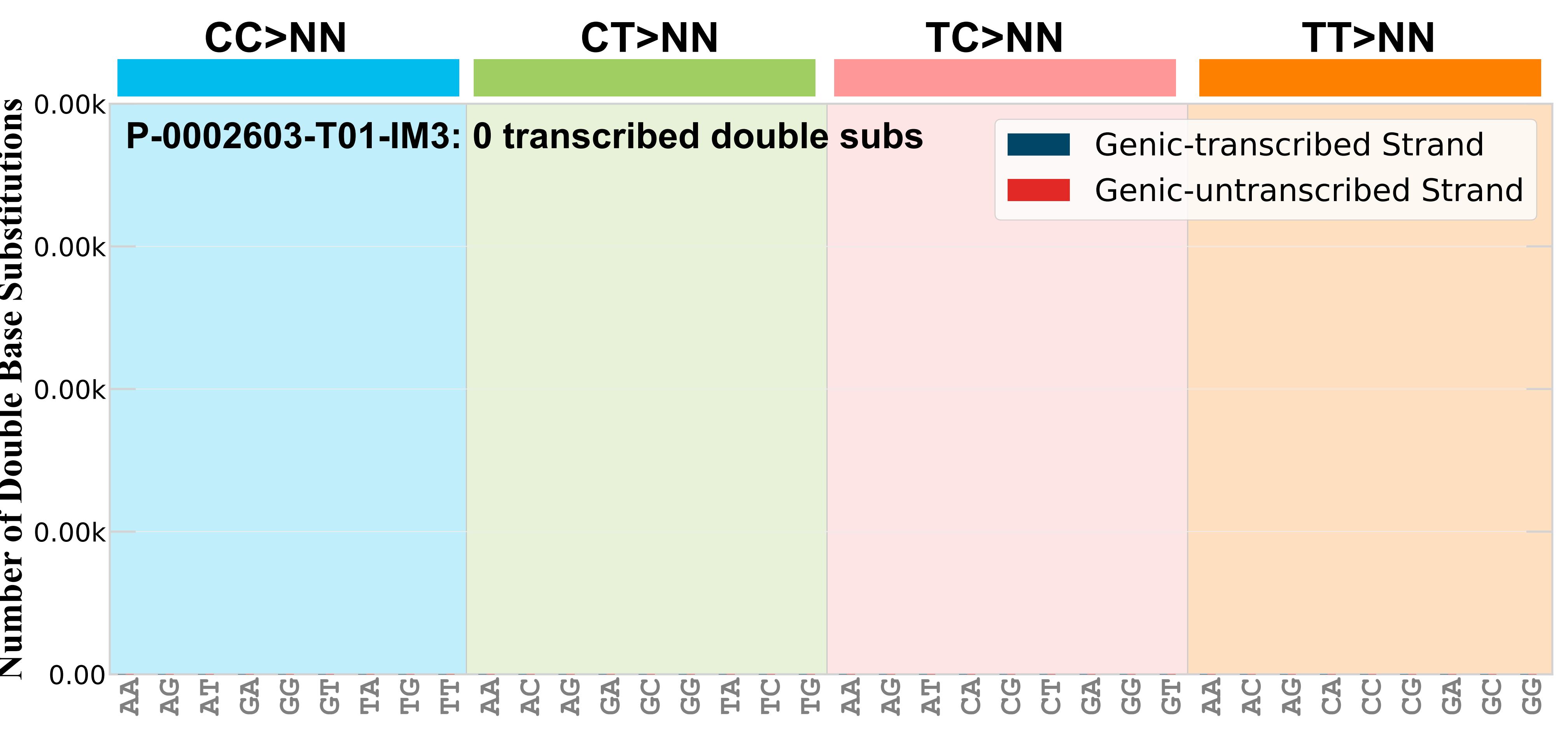


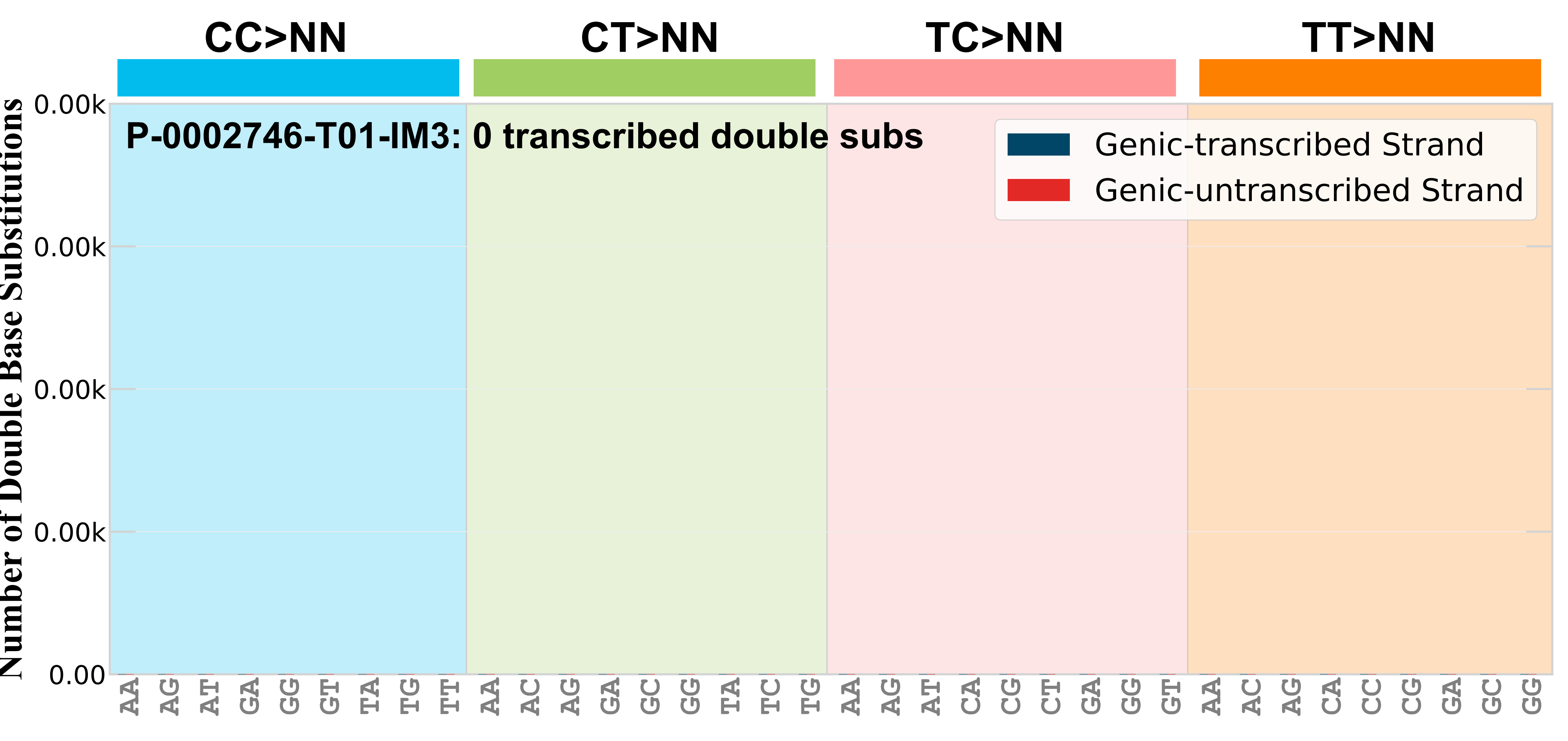
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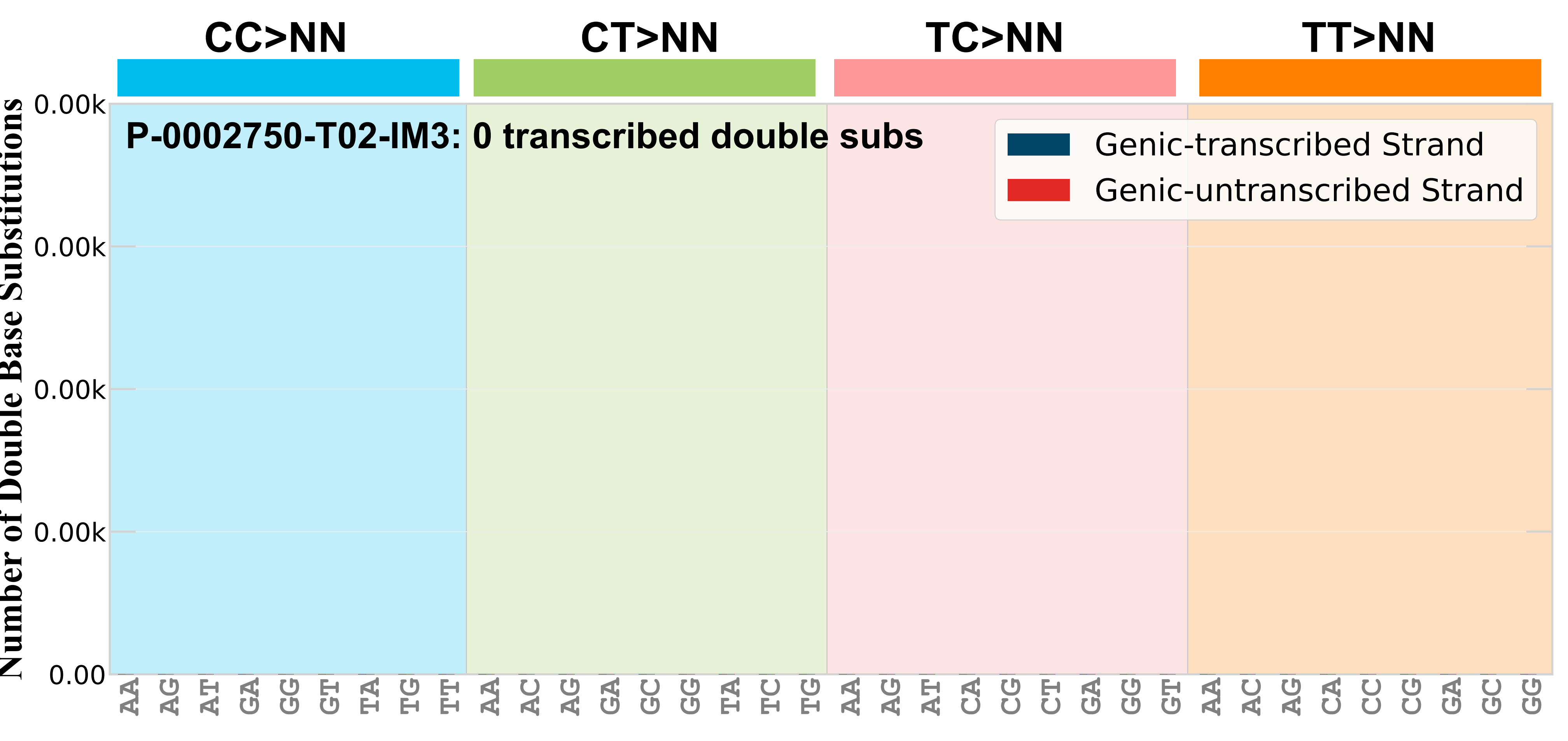




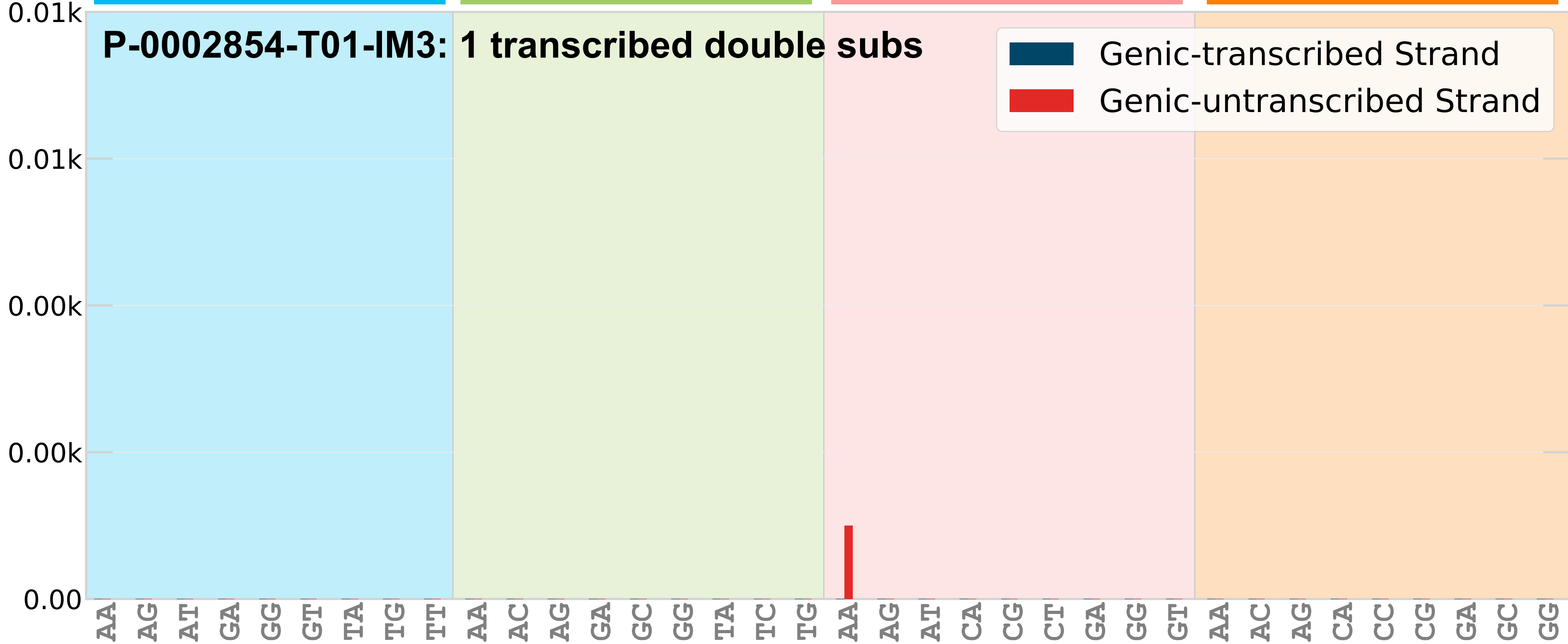




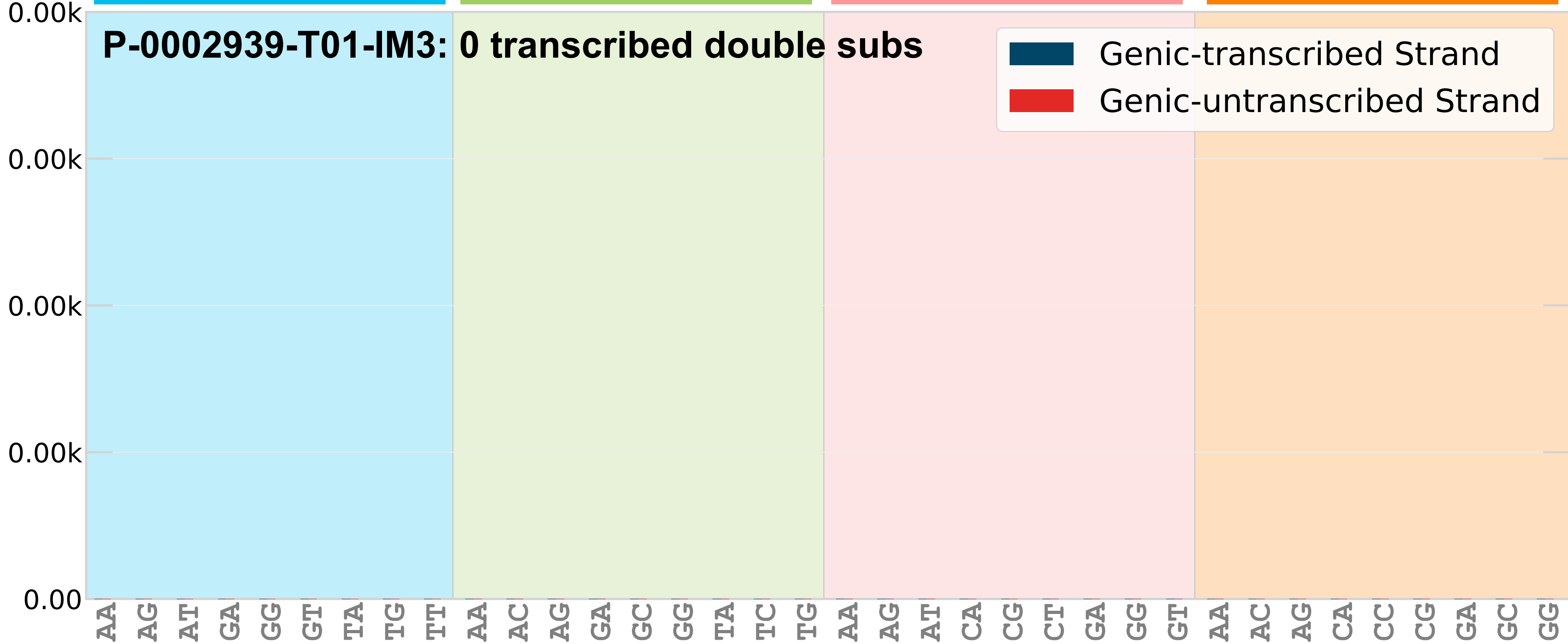


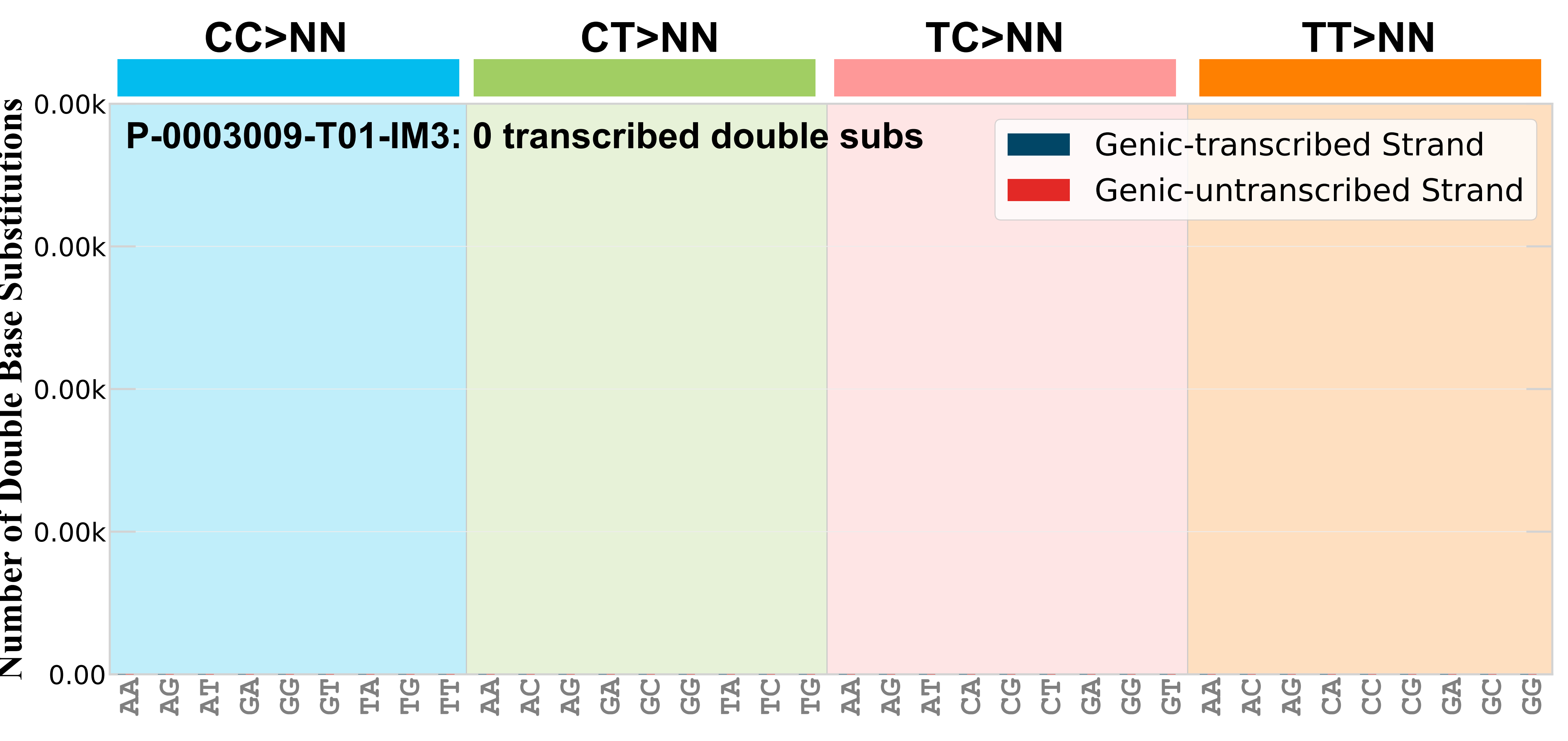


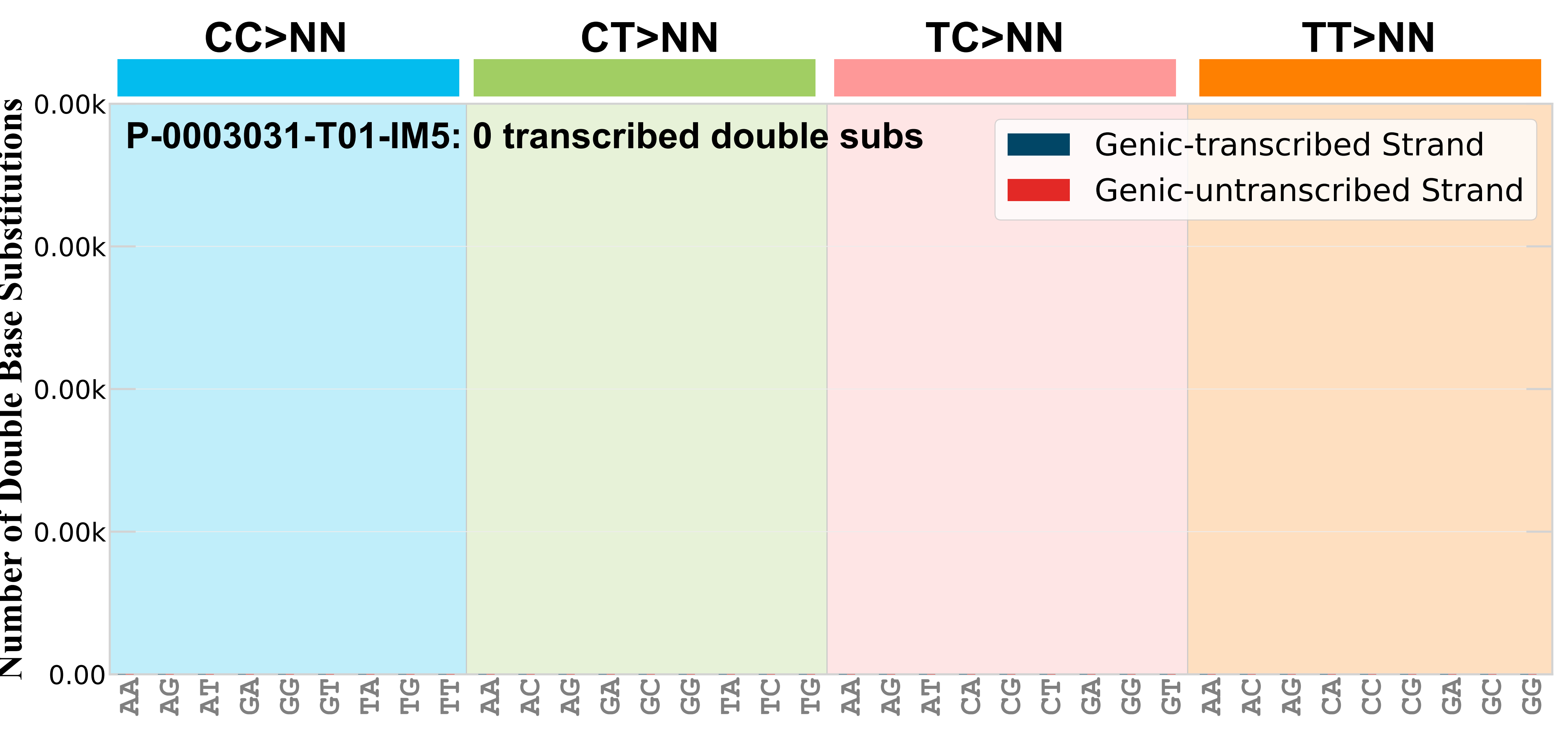
# TT>NN



# TT>NN

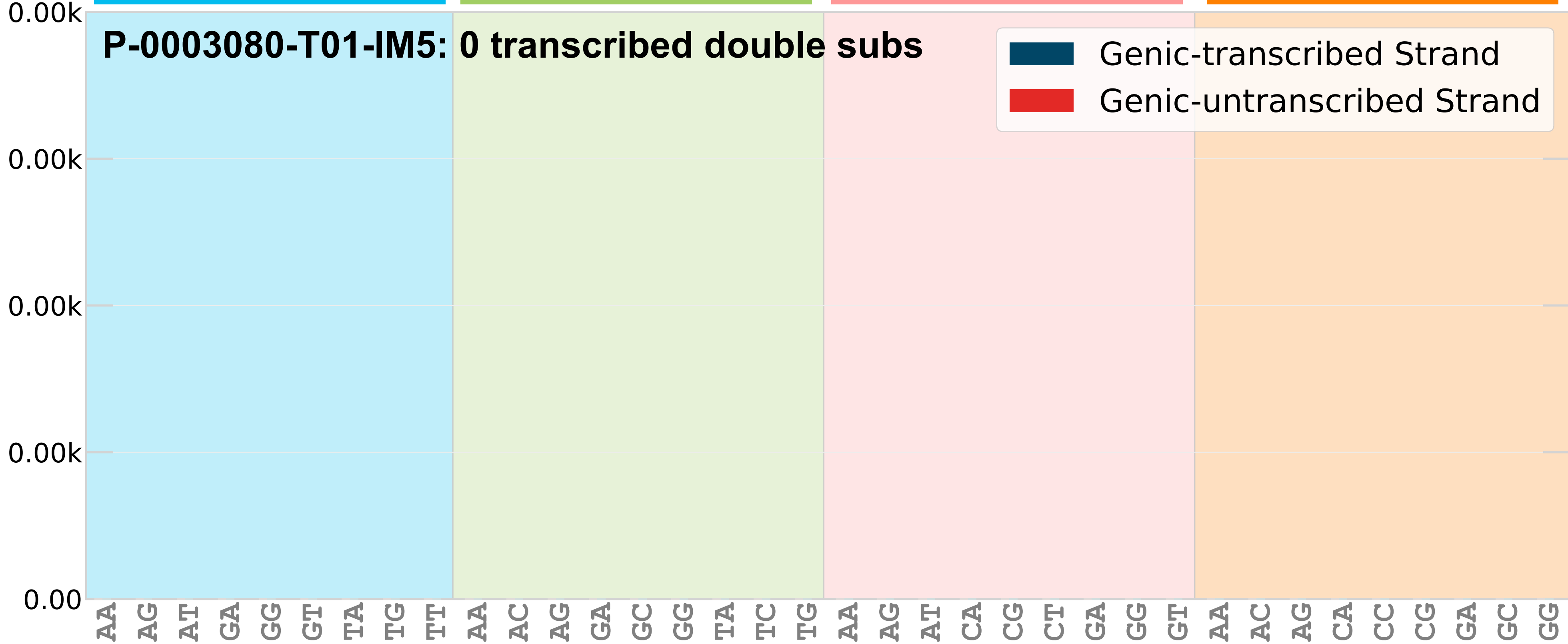


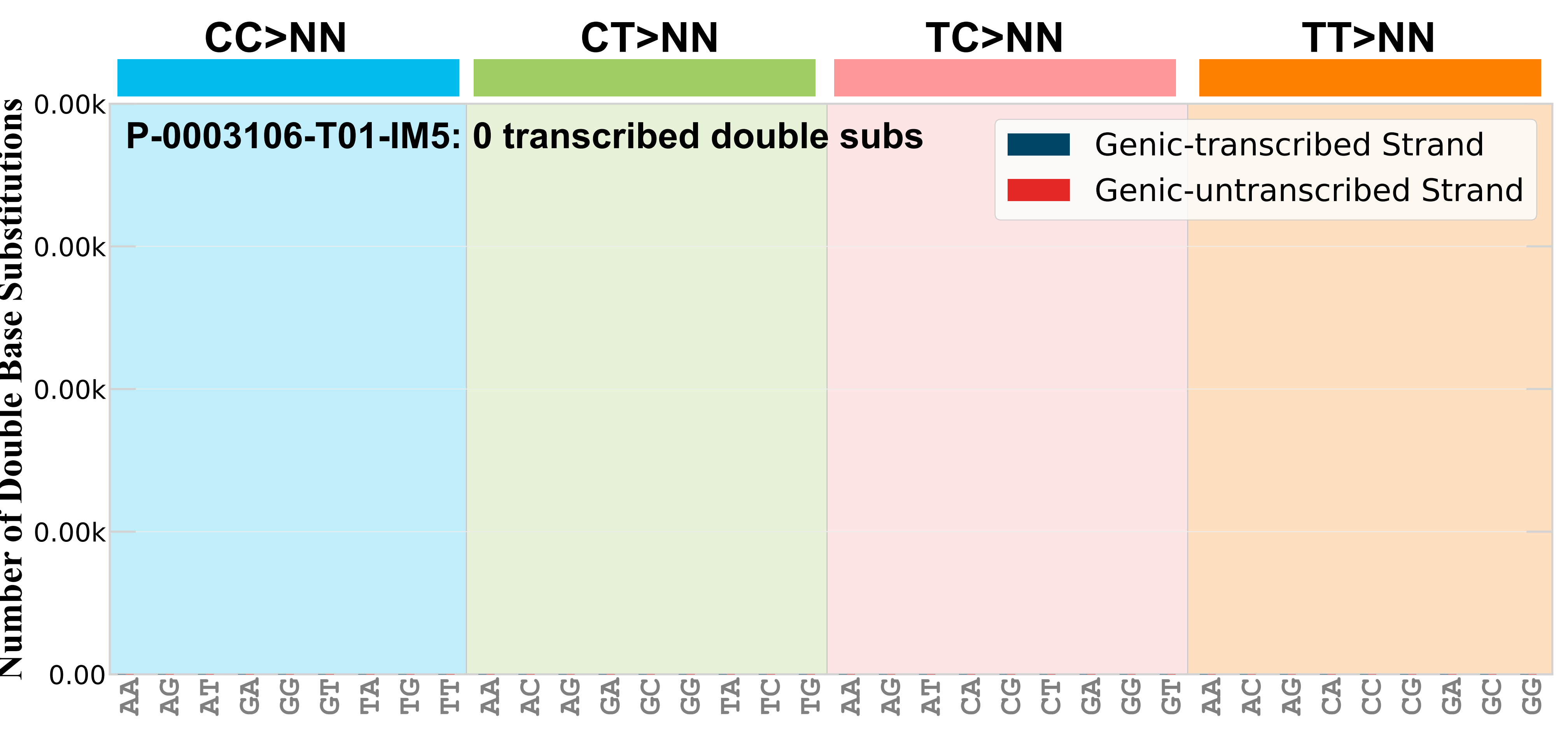




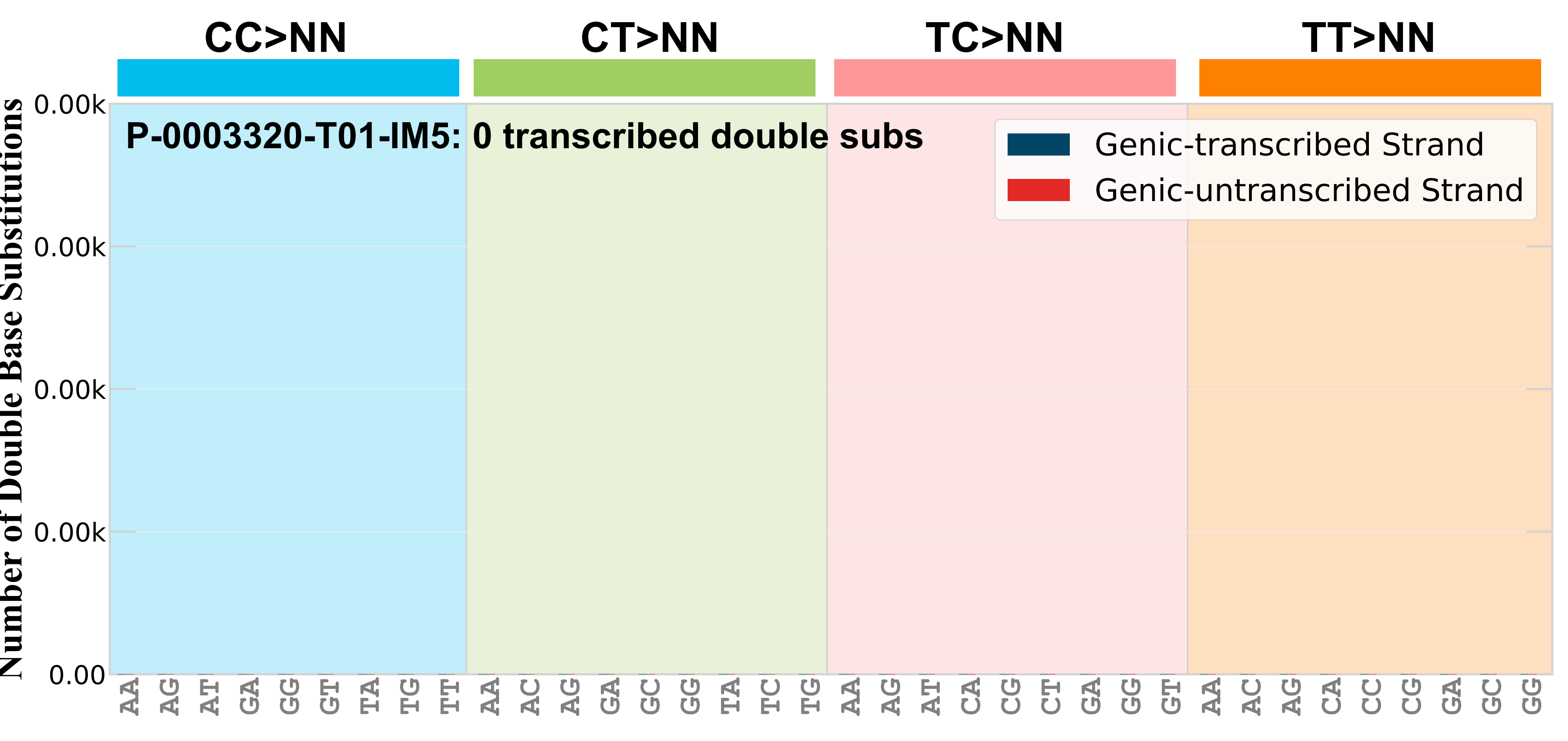


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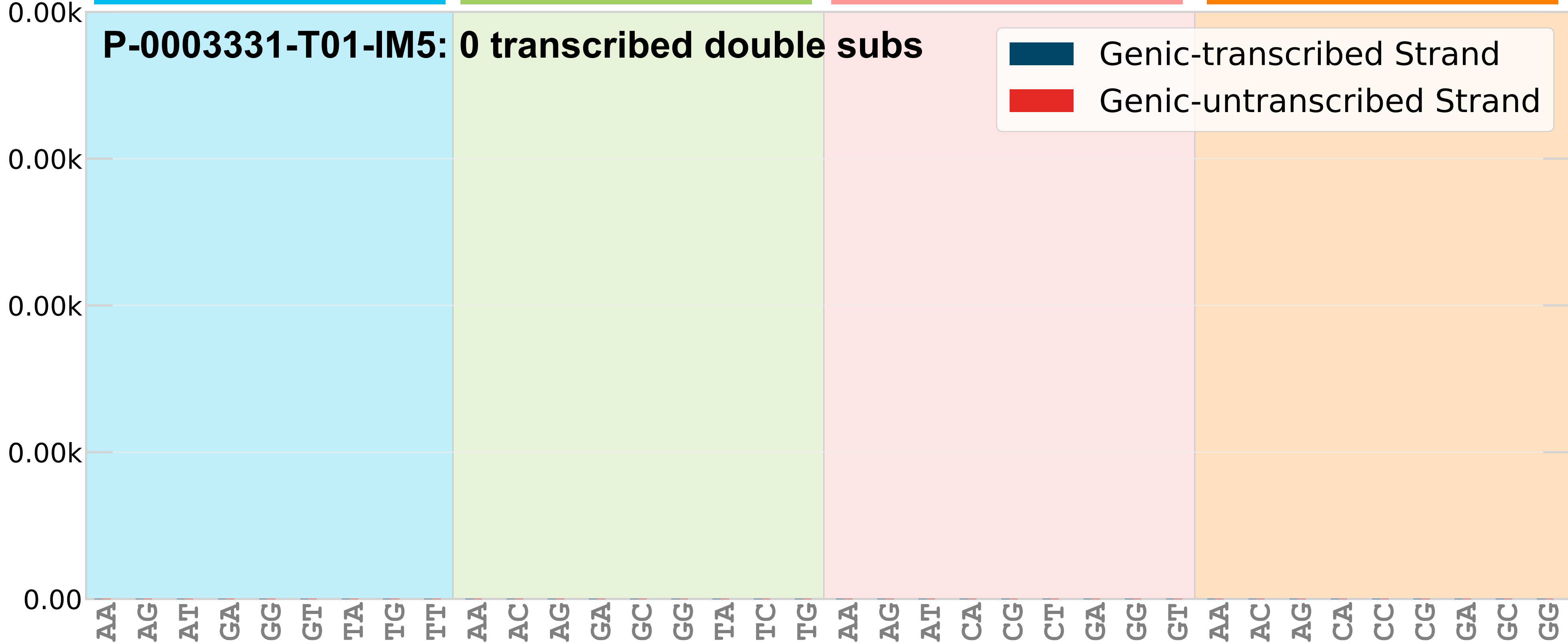




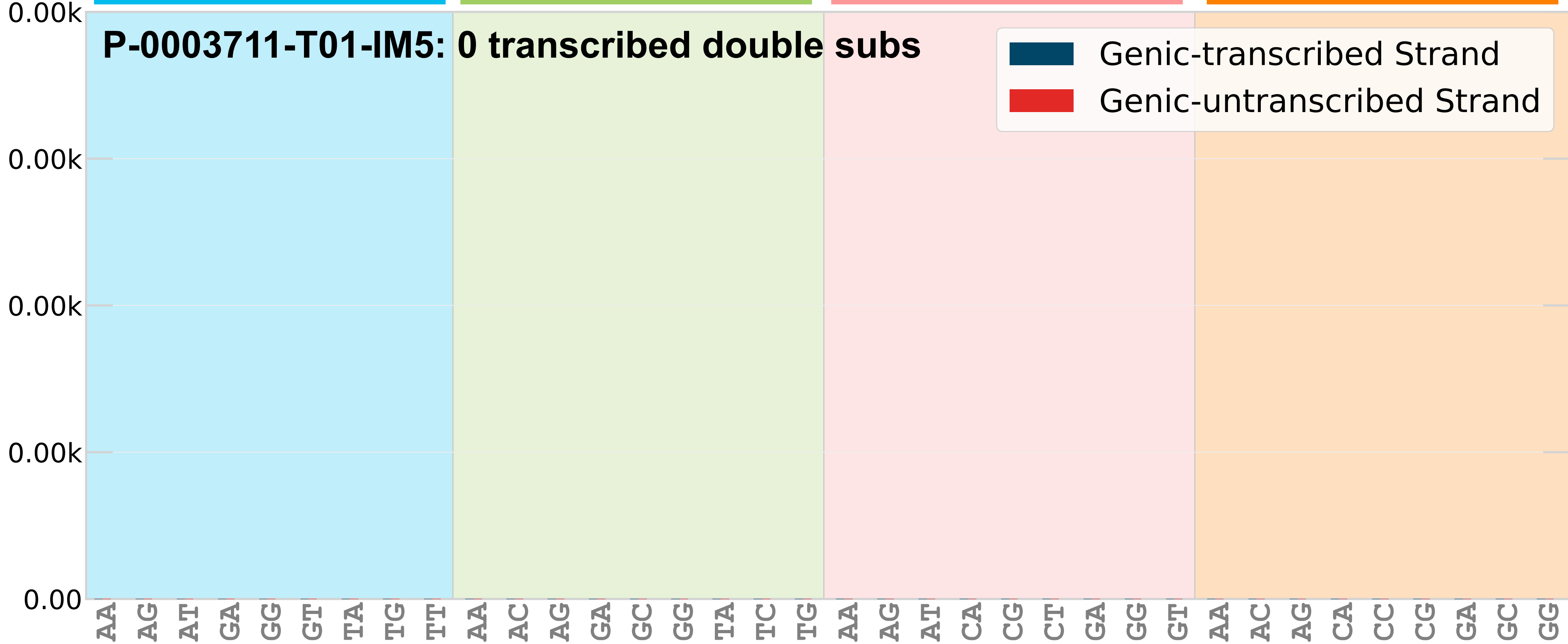




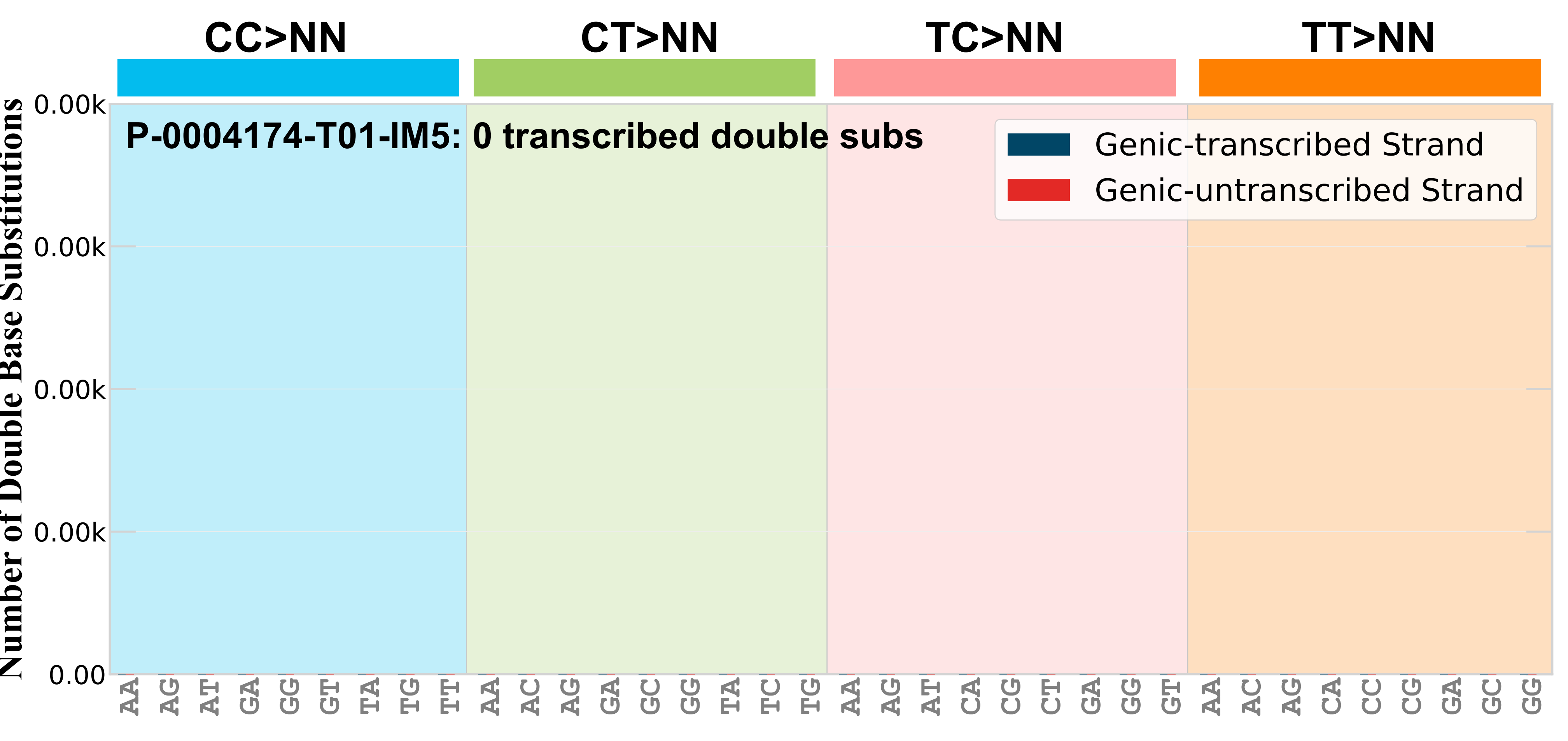
**TT>NN**

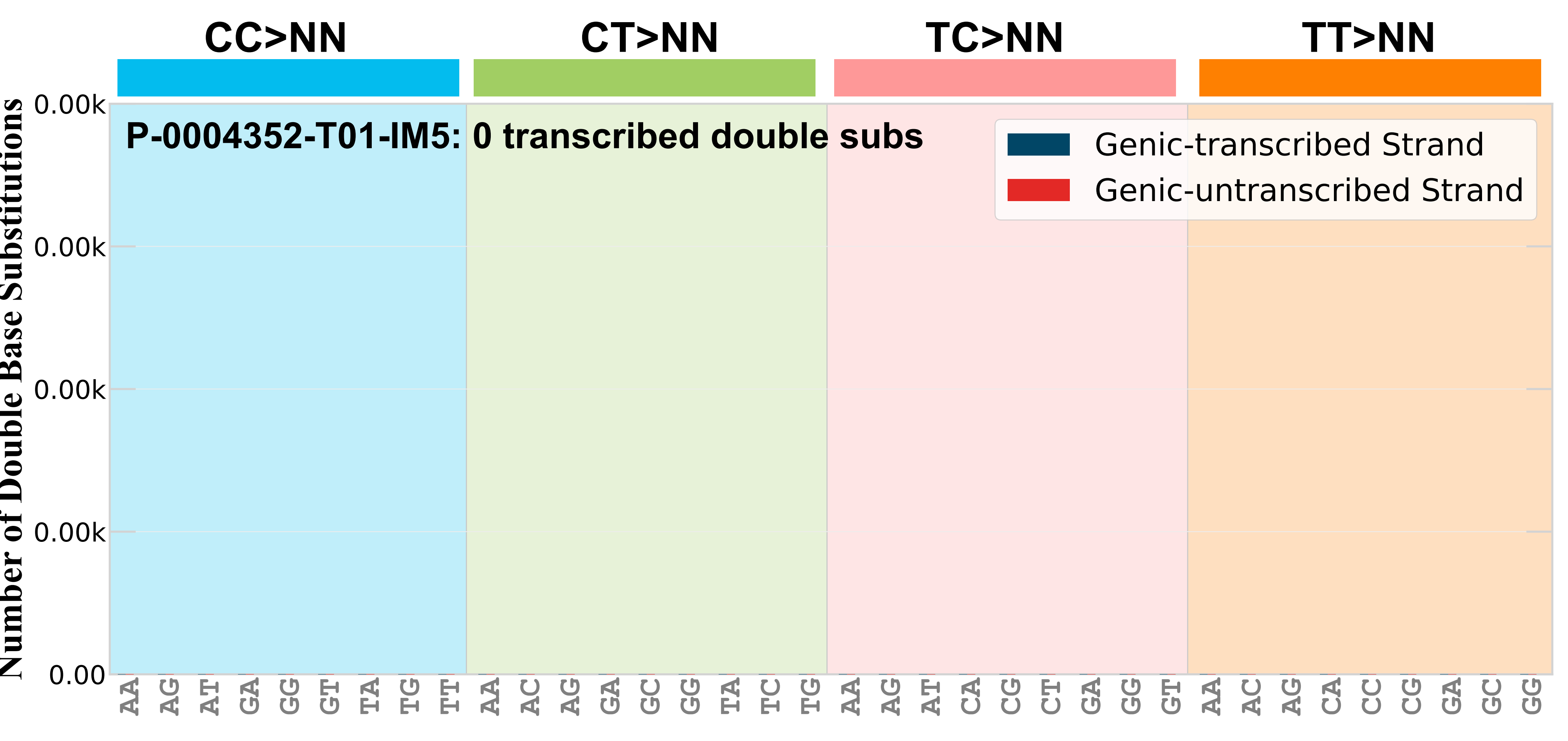


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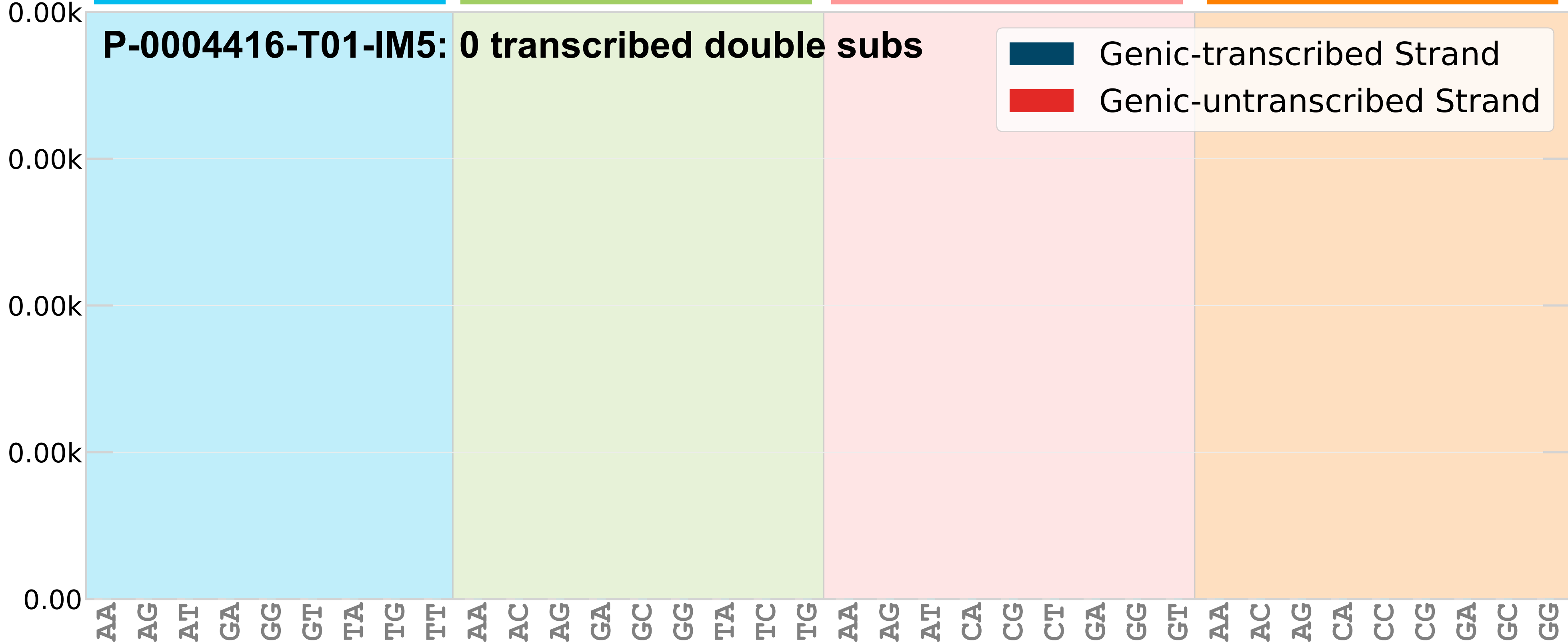








# TT>NN



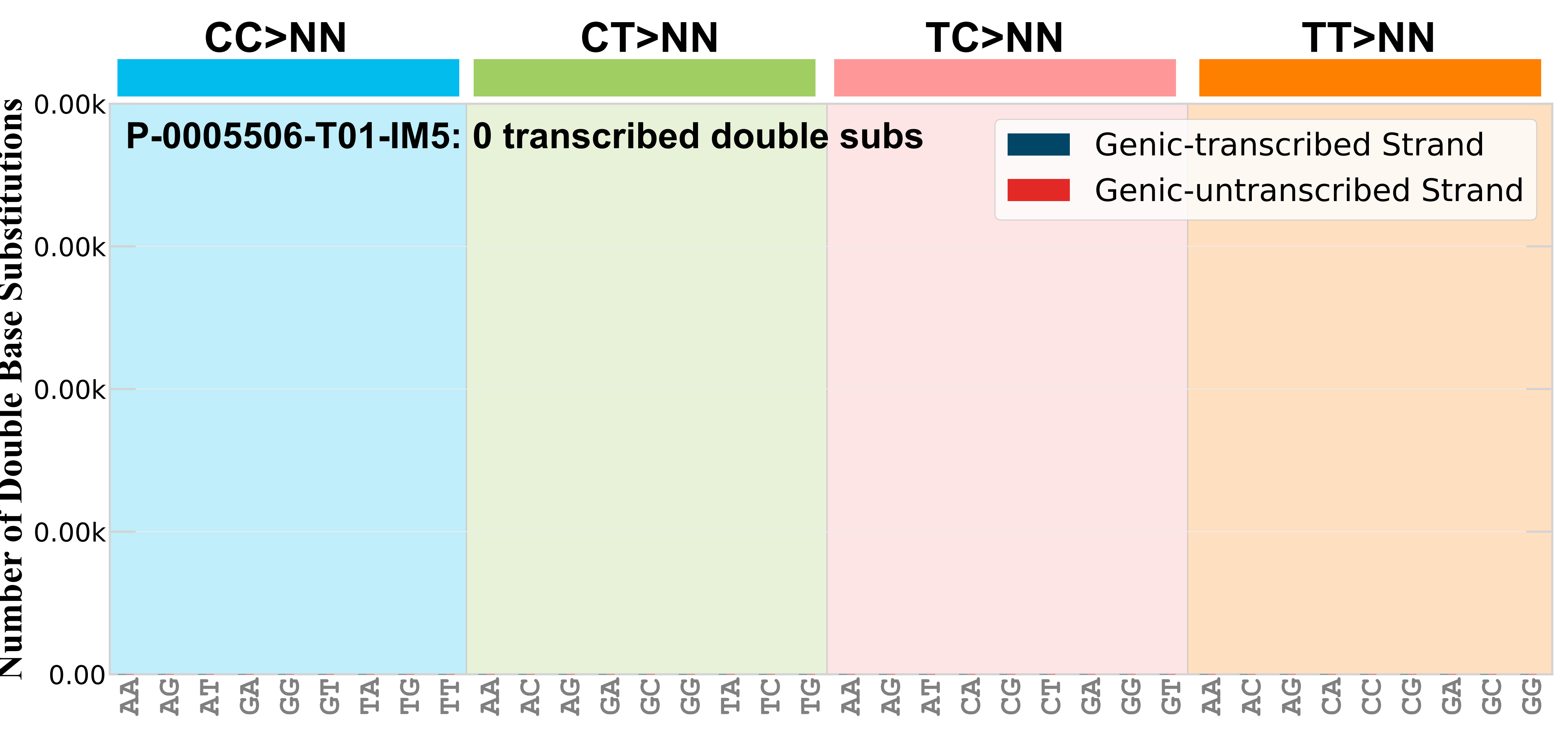


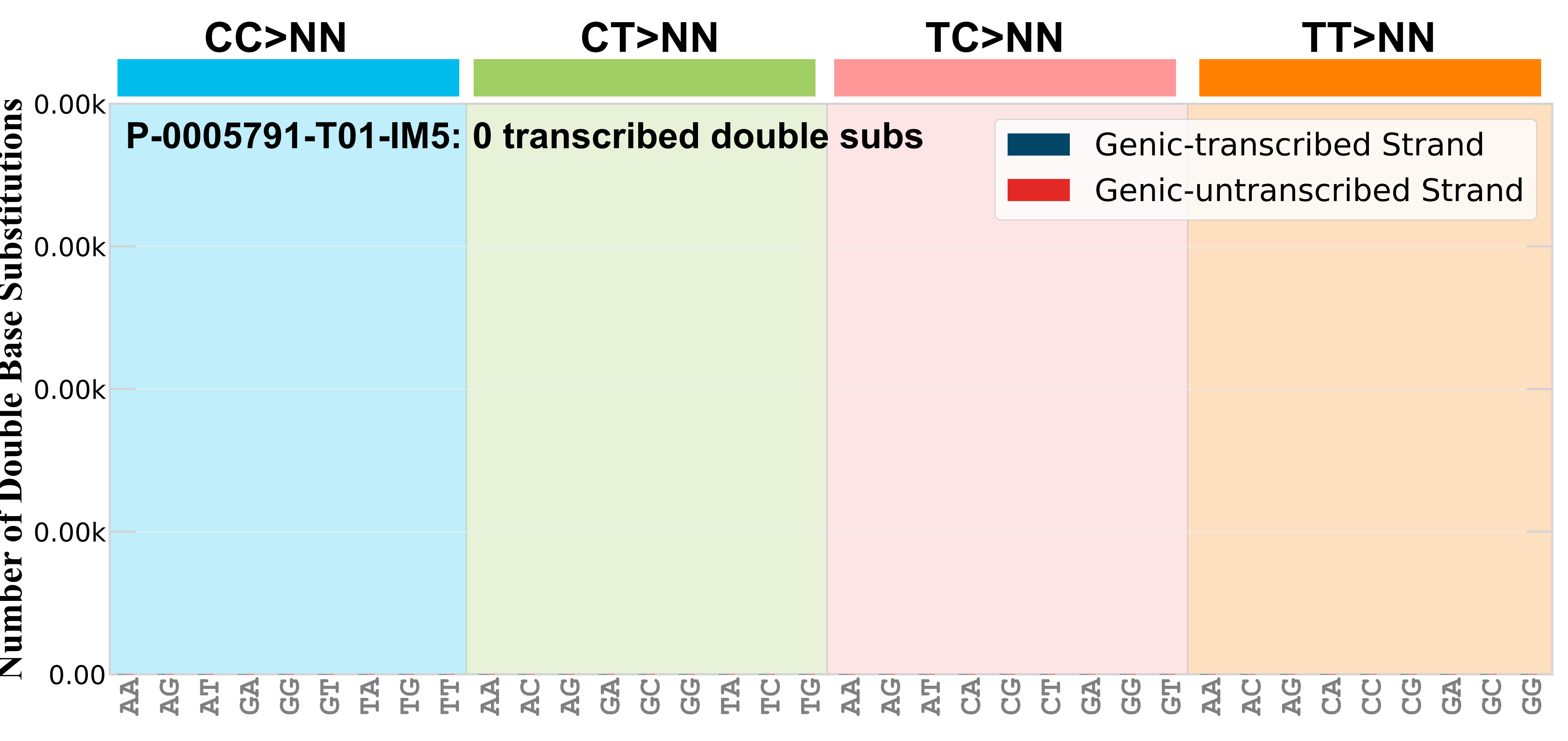


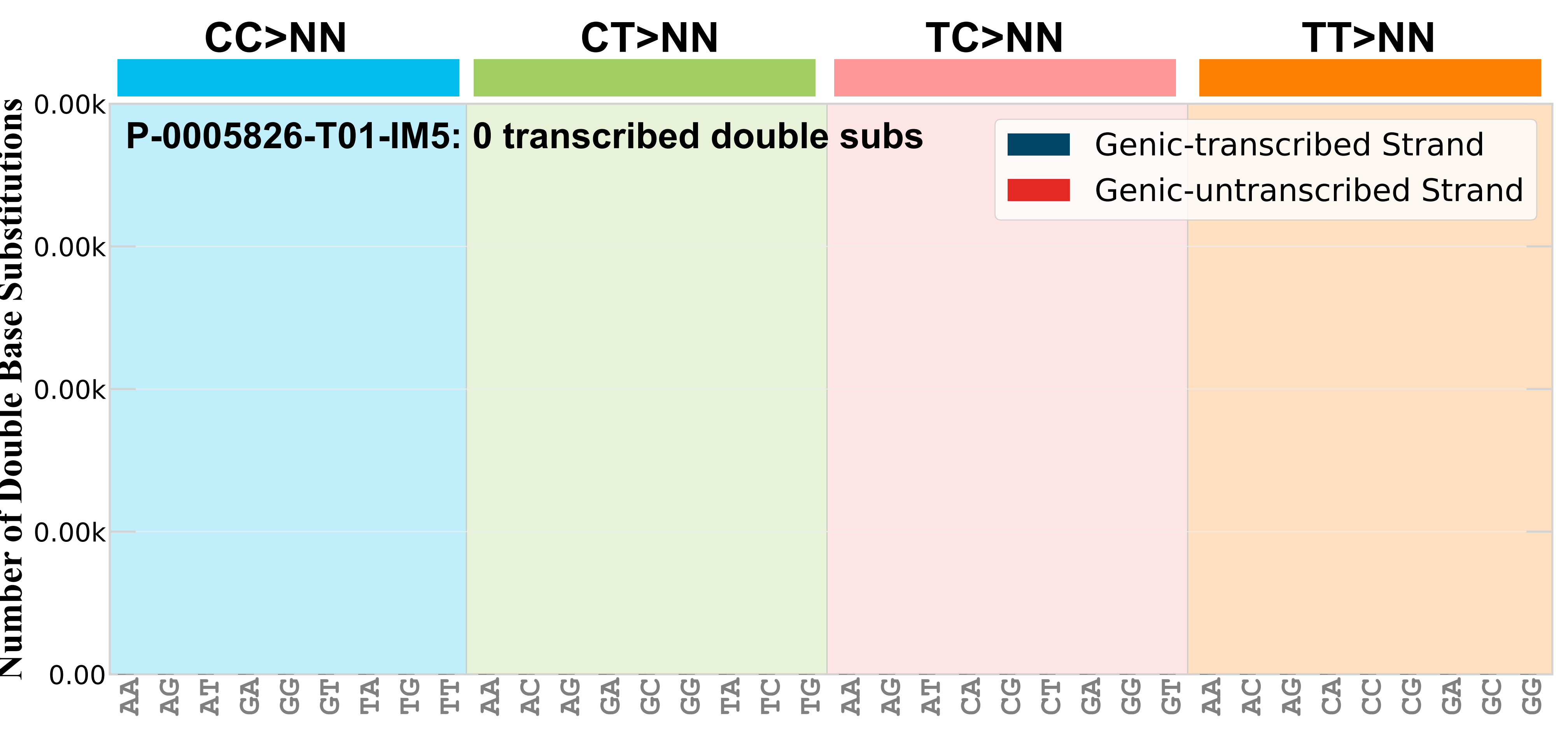




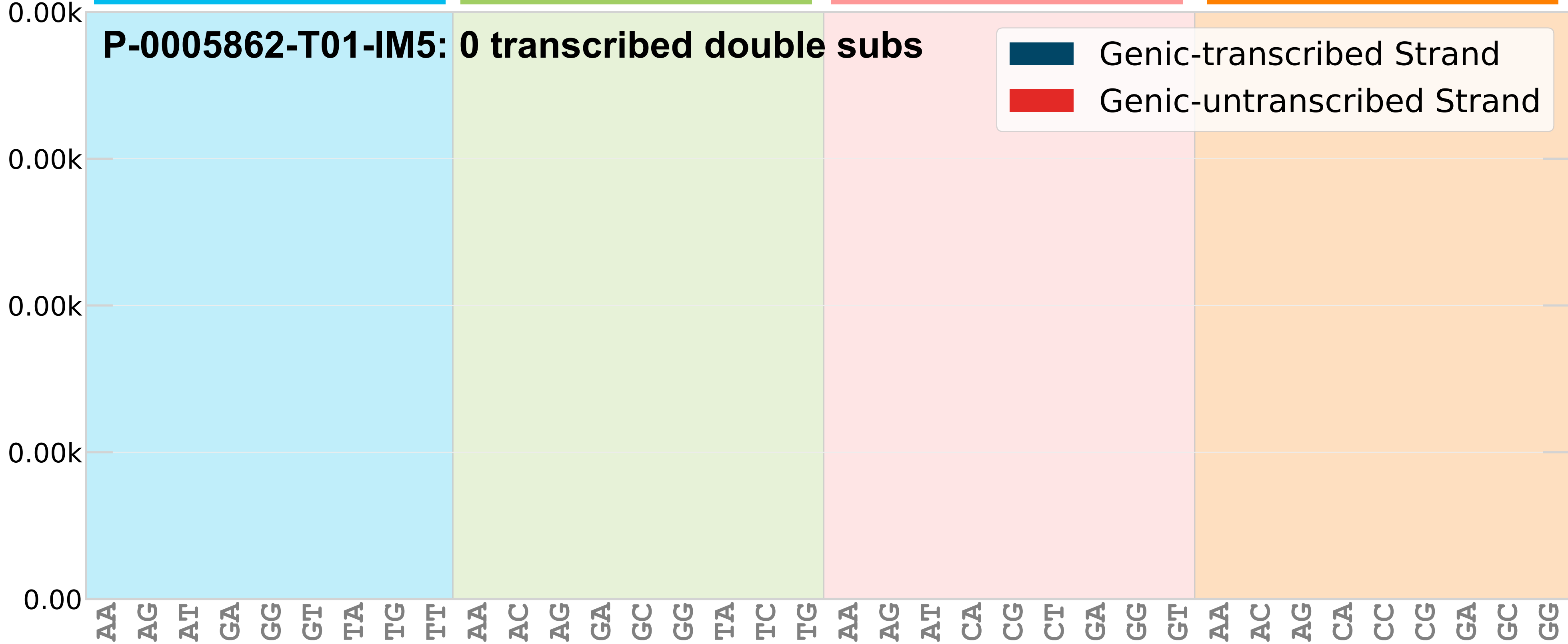




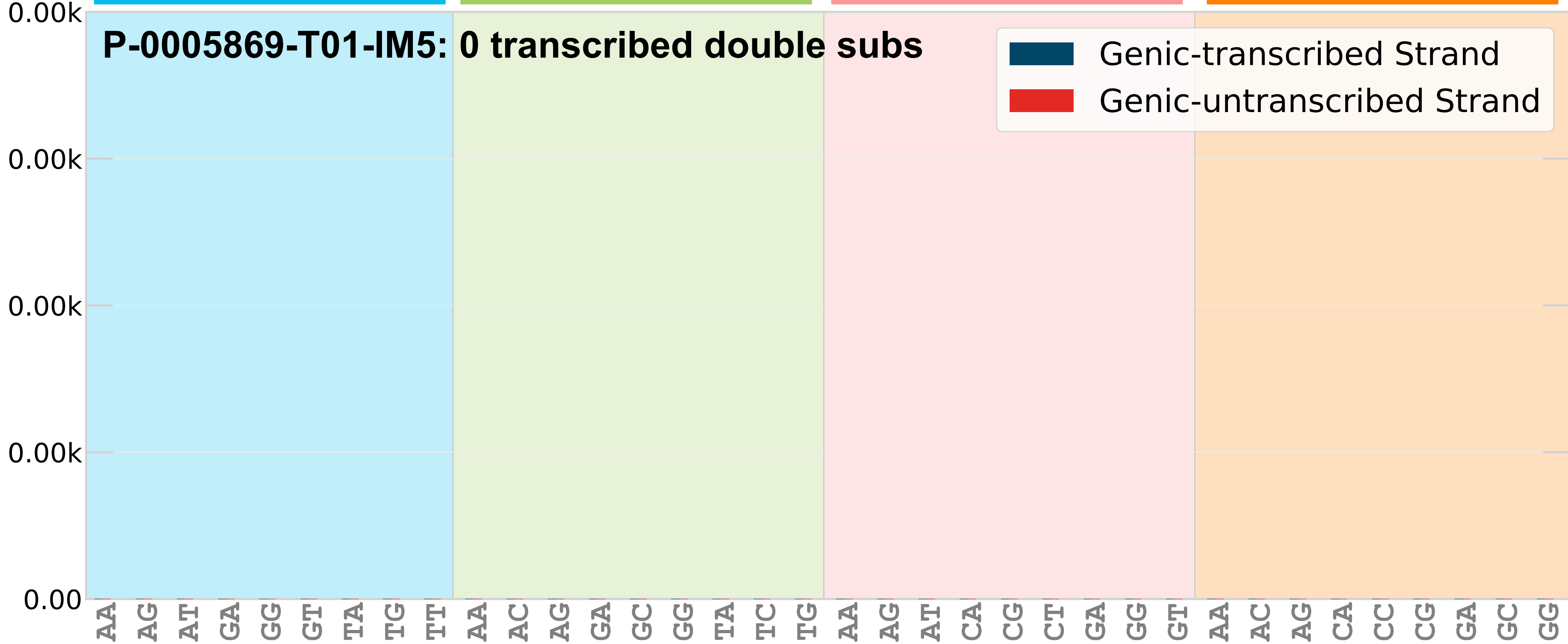




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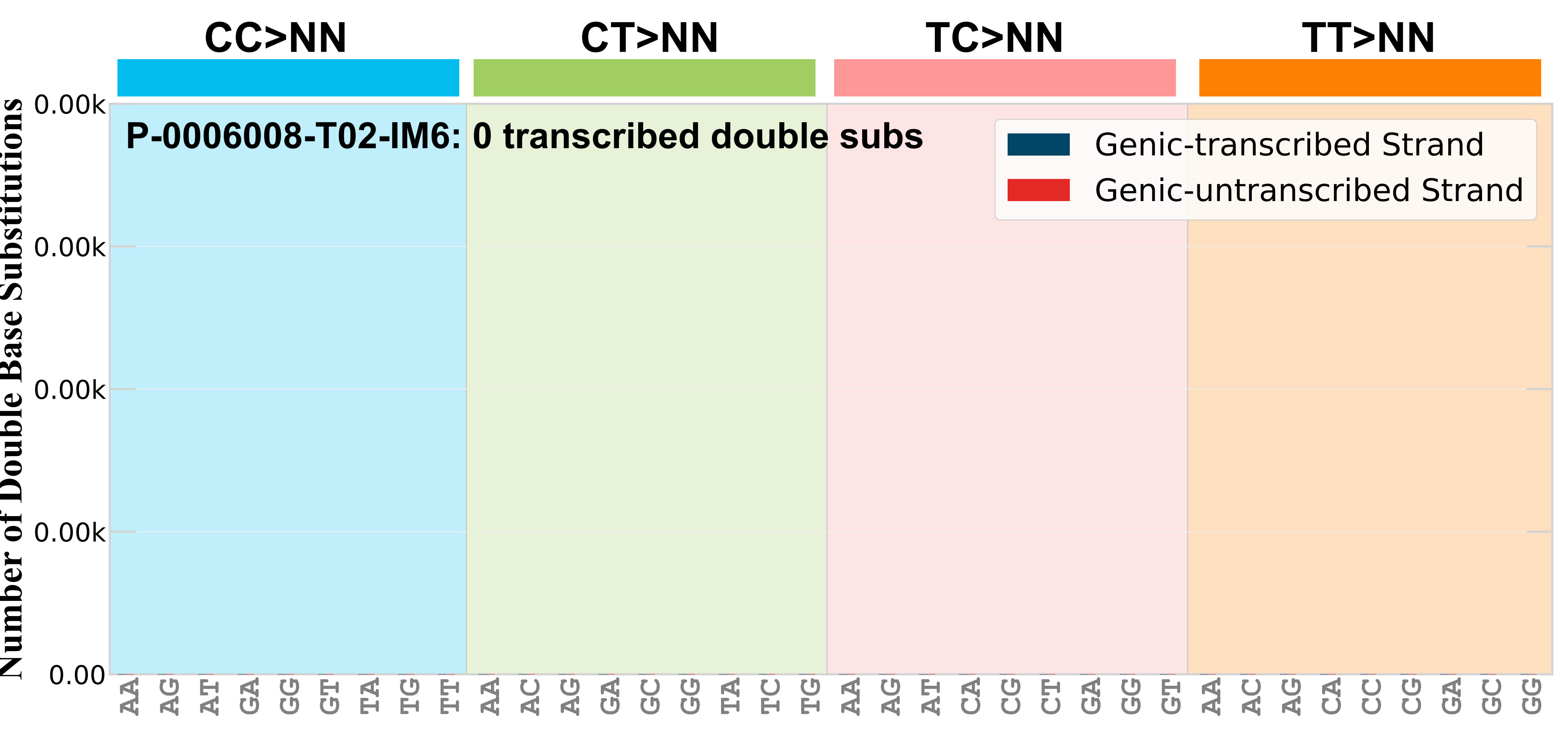


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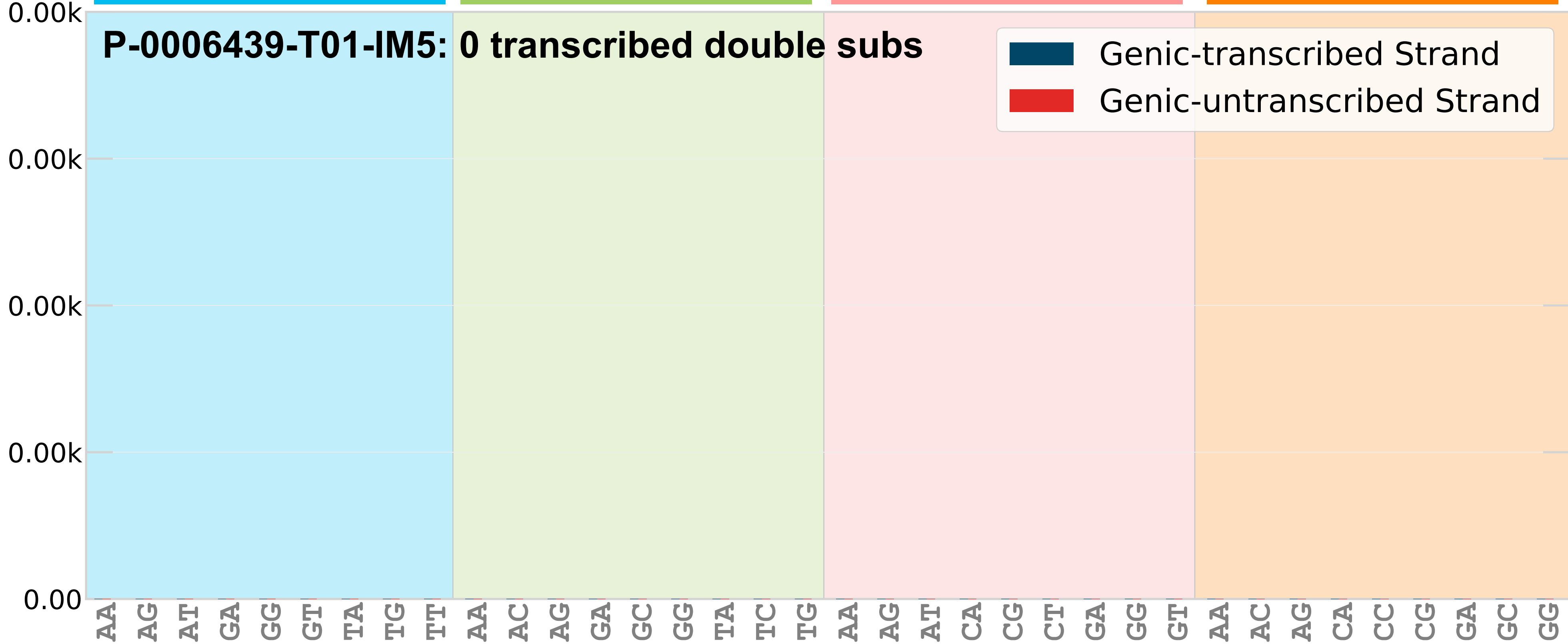






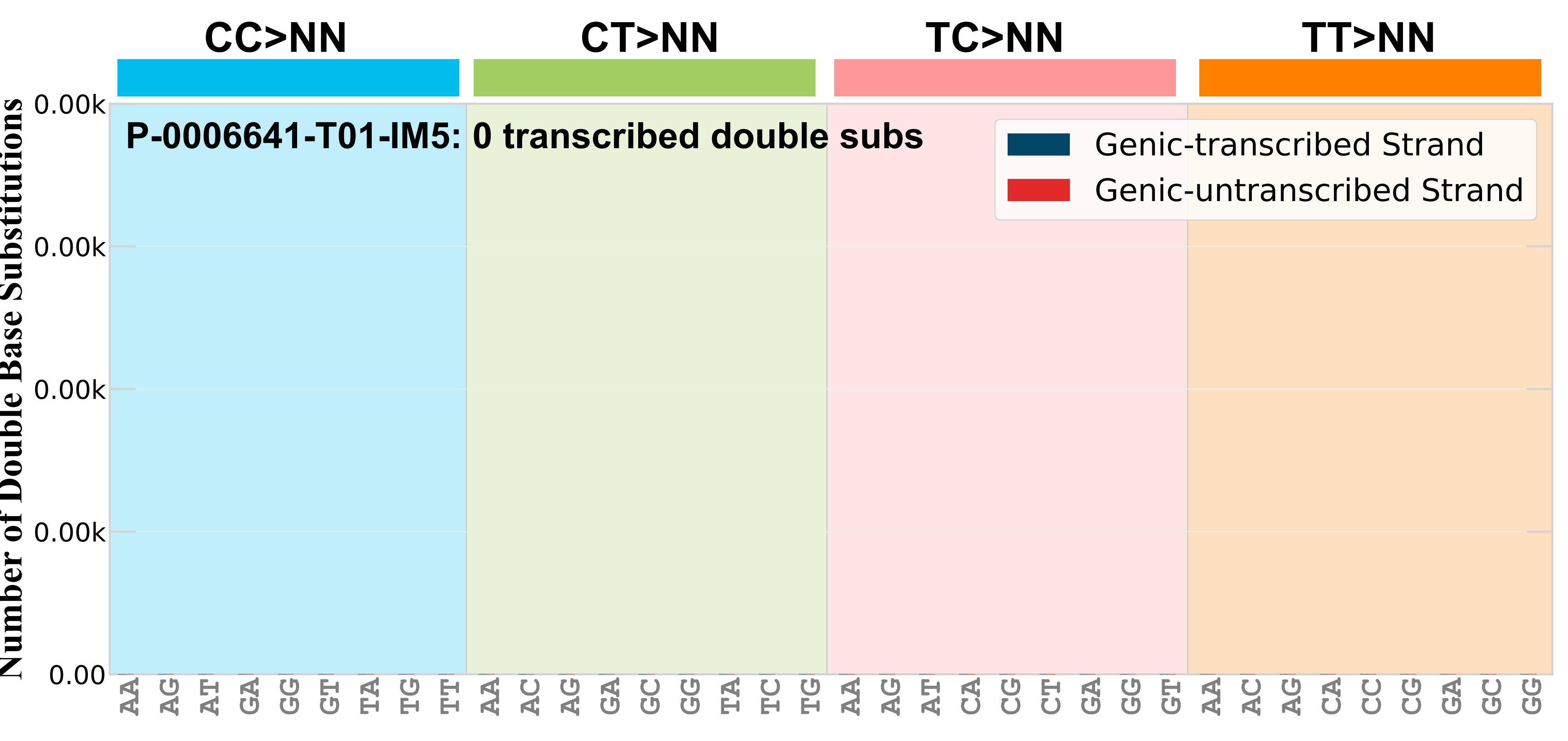


**TT>NN**

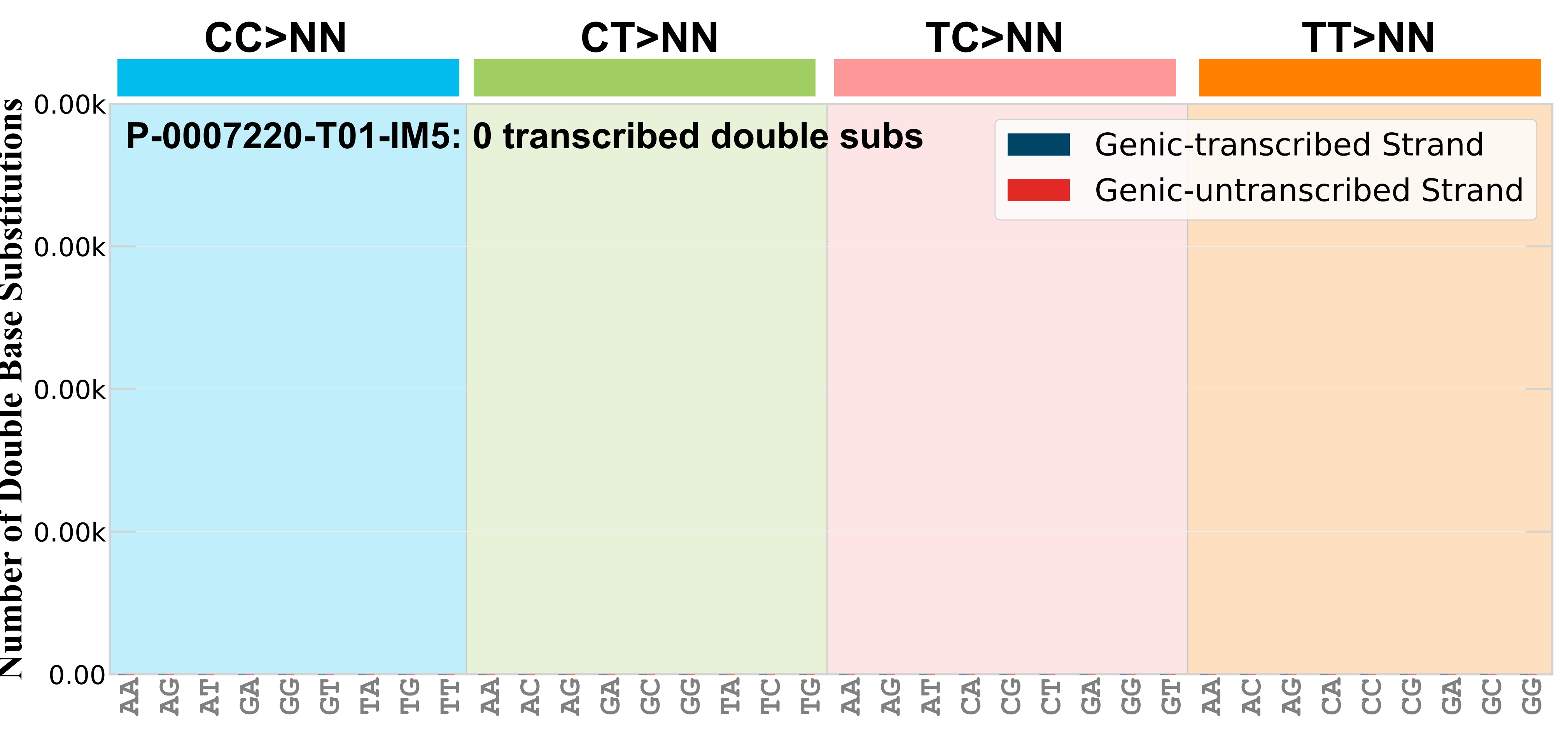






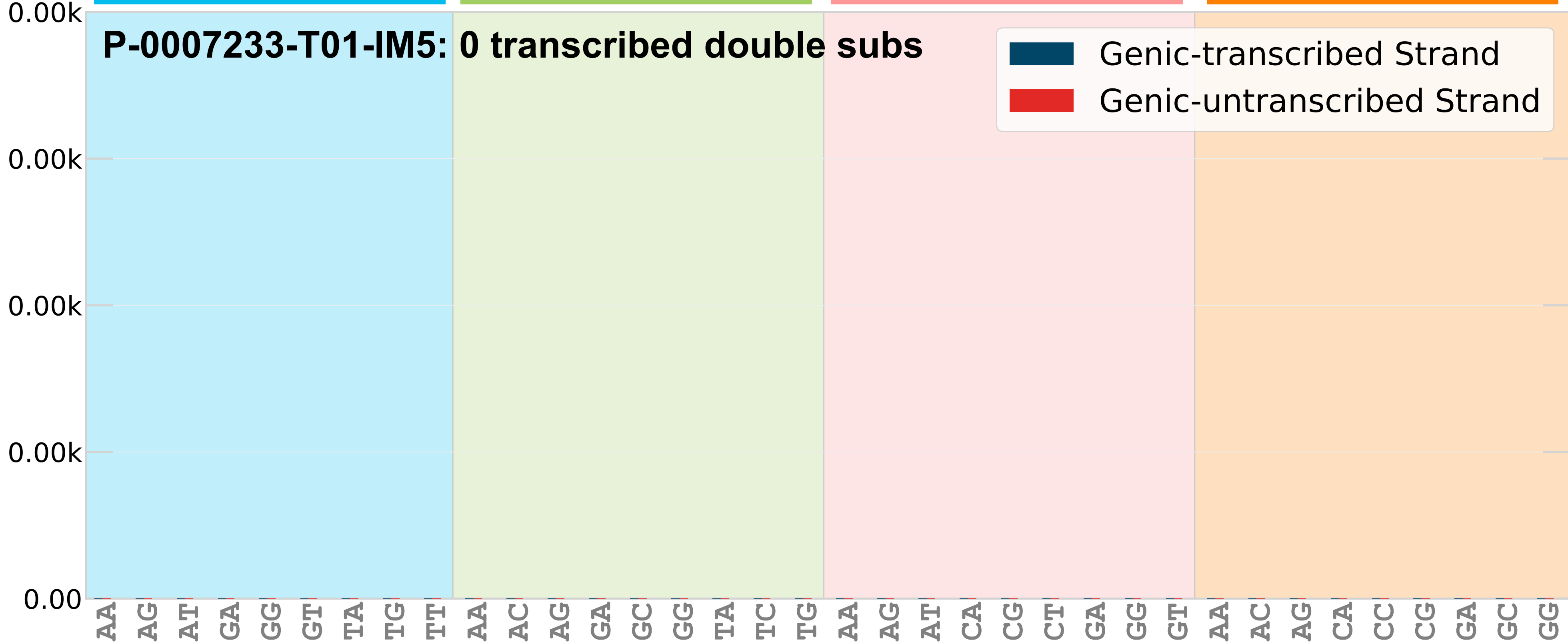


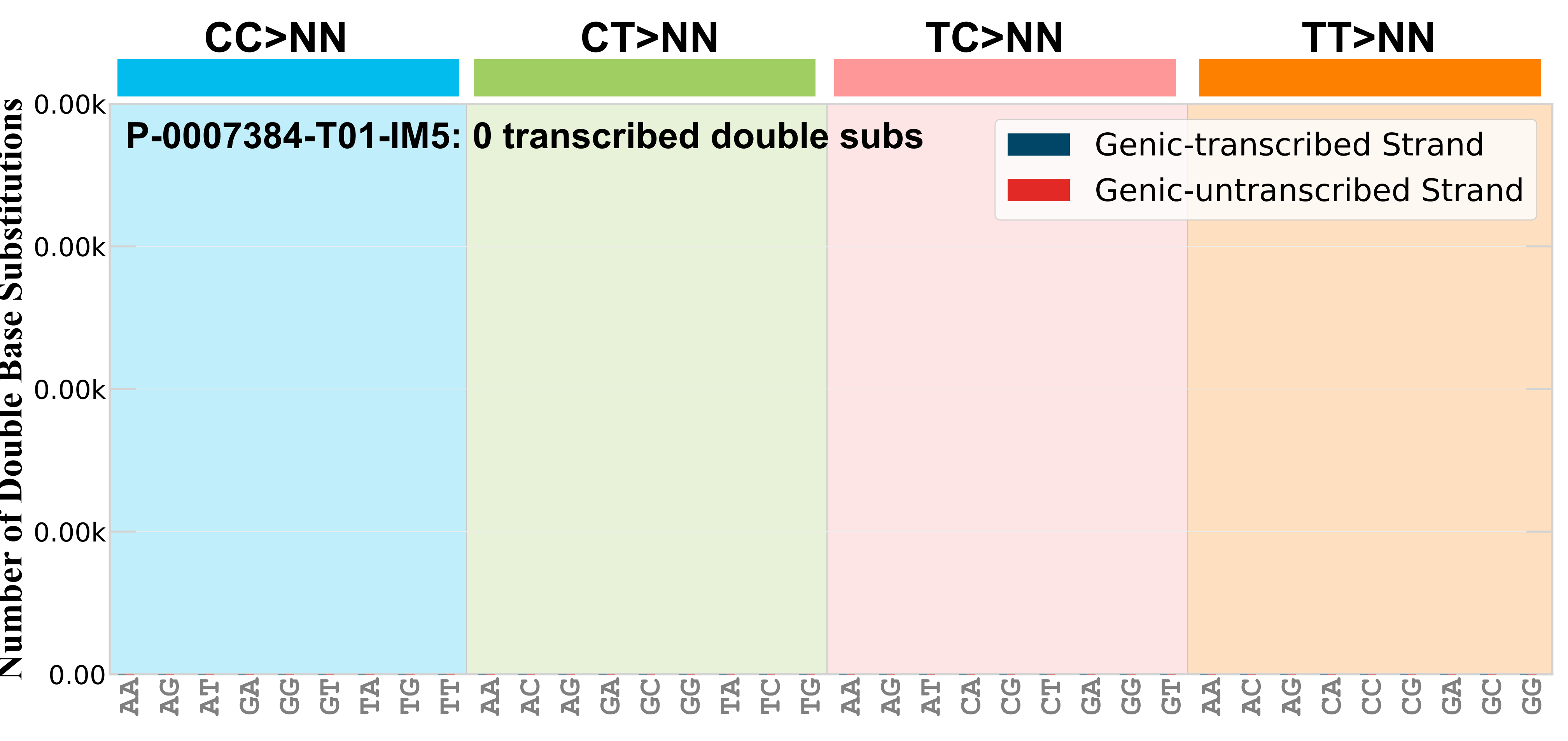


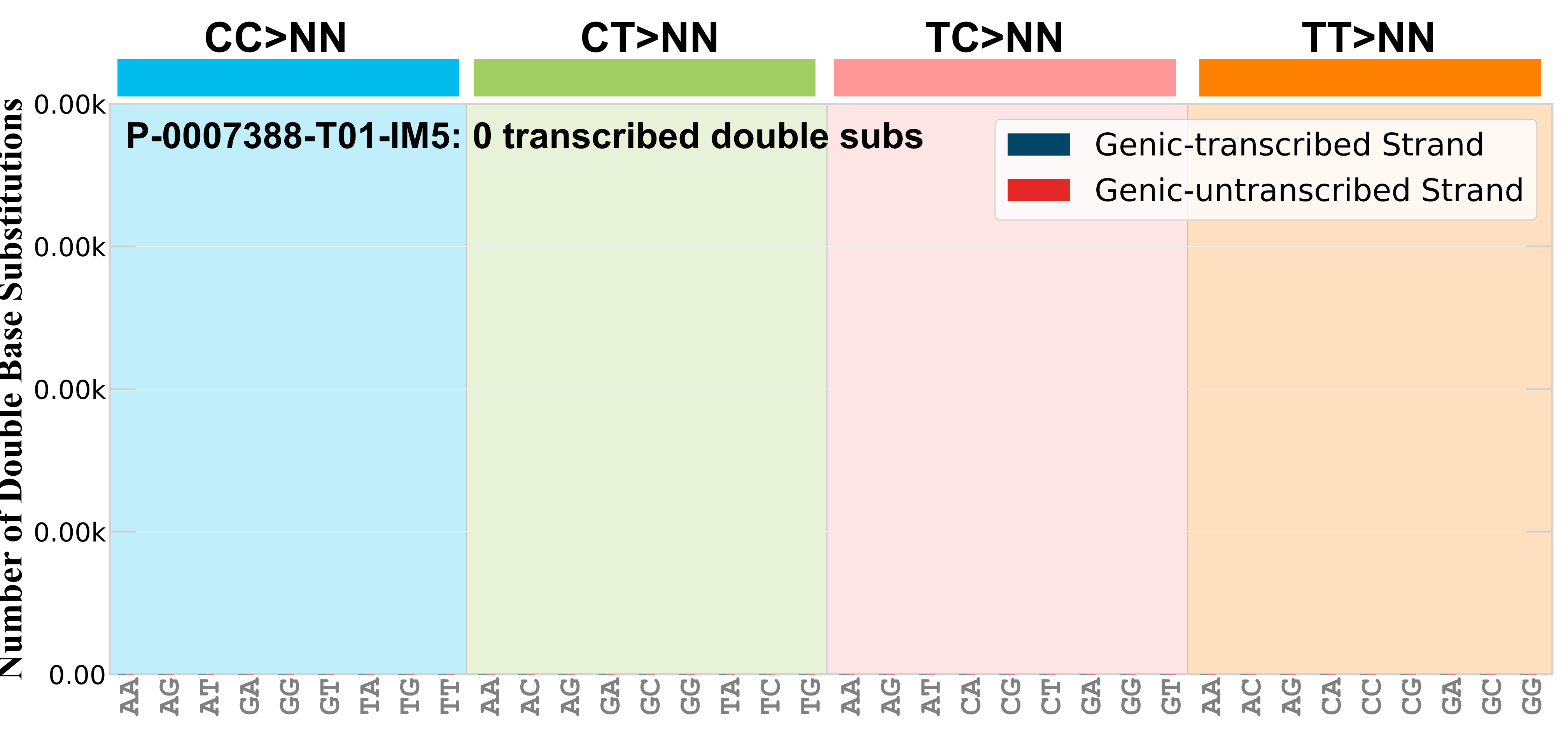




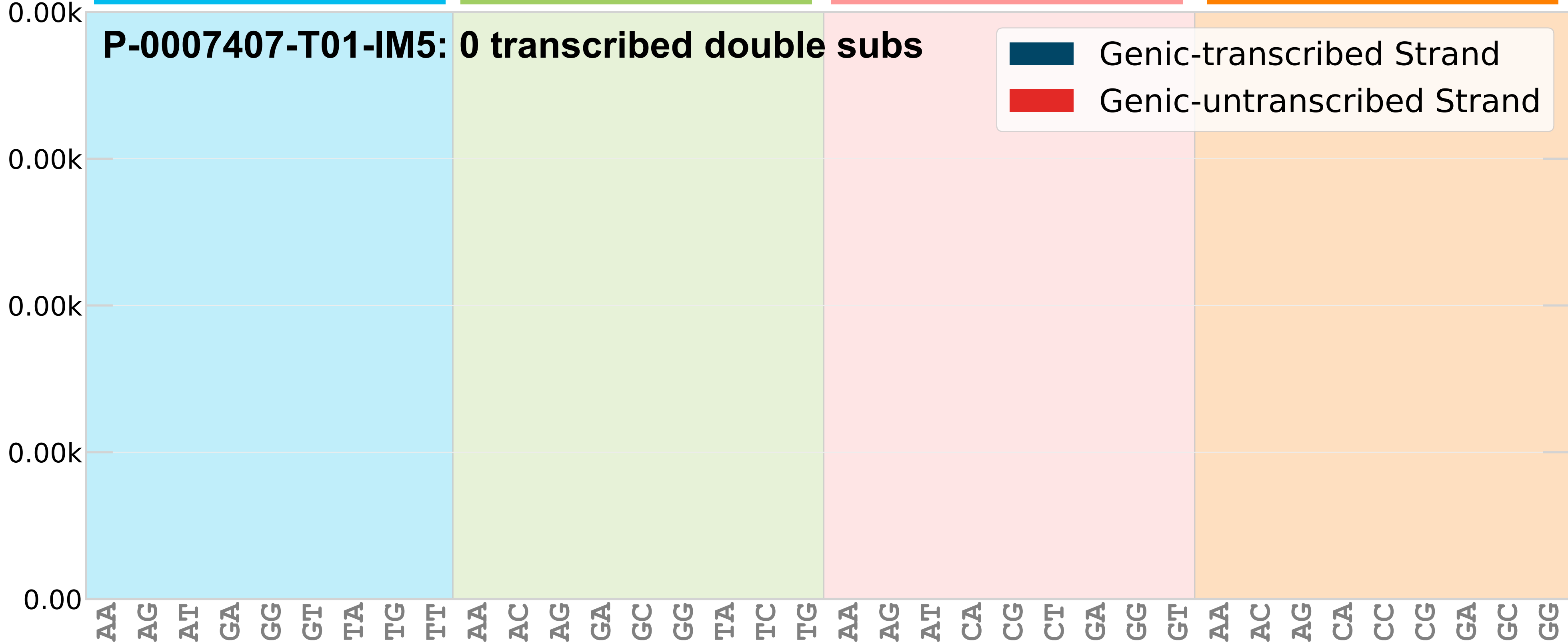
**TT>NN**



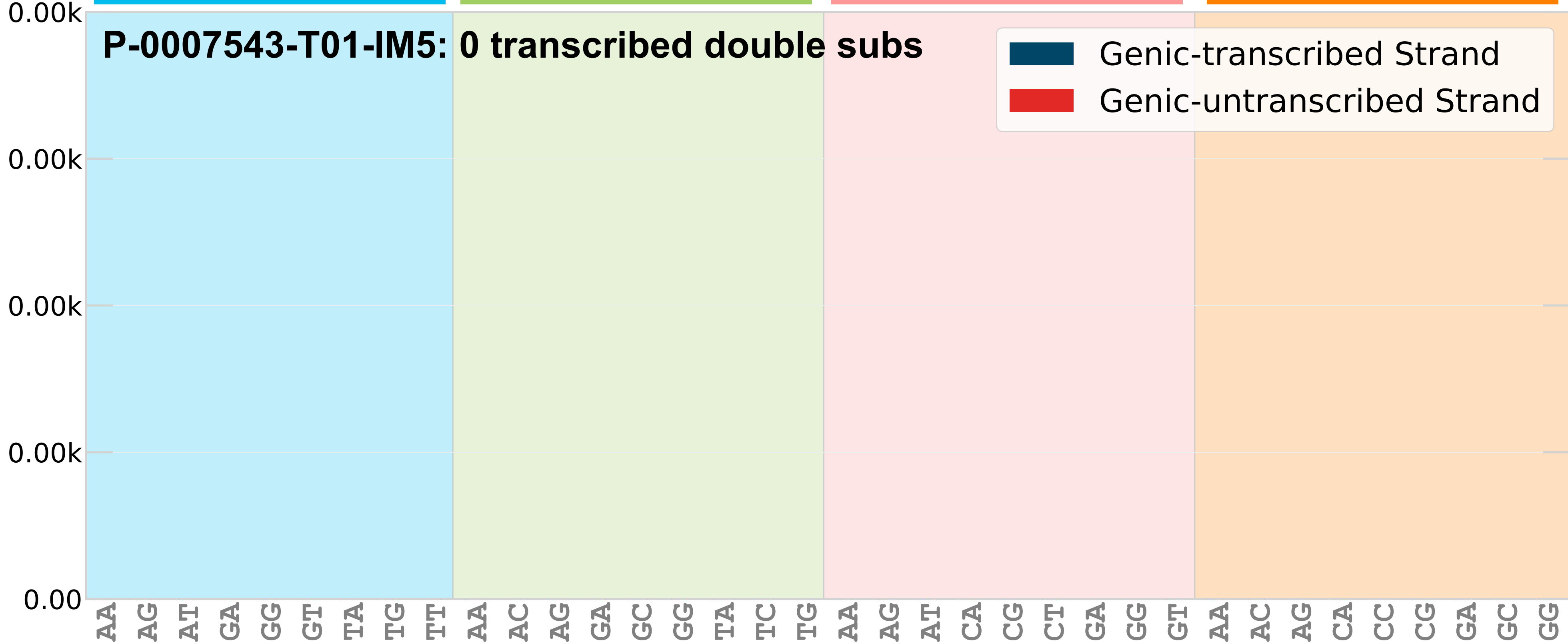




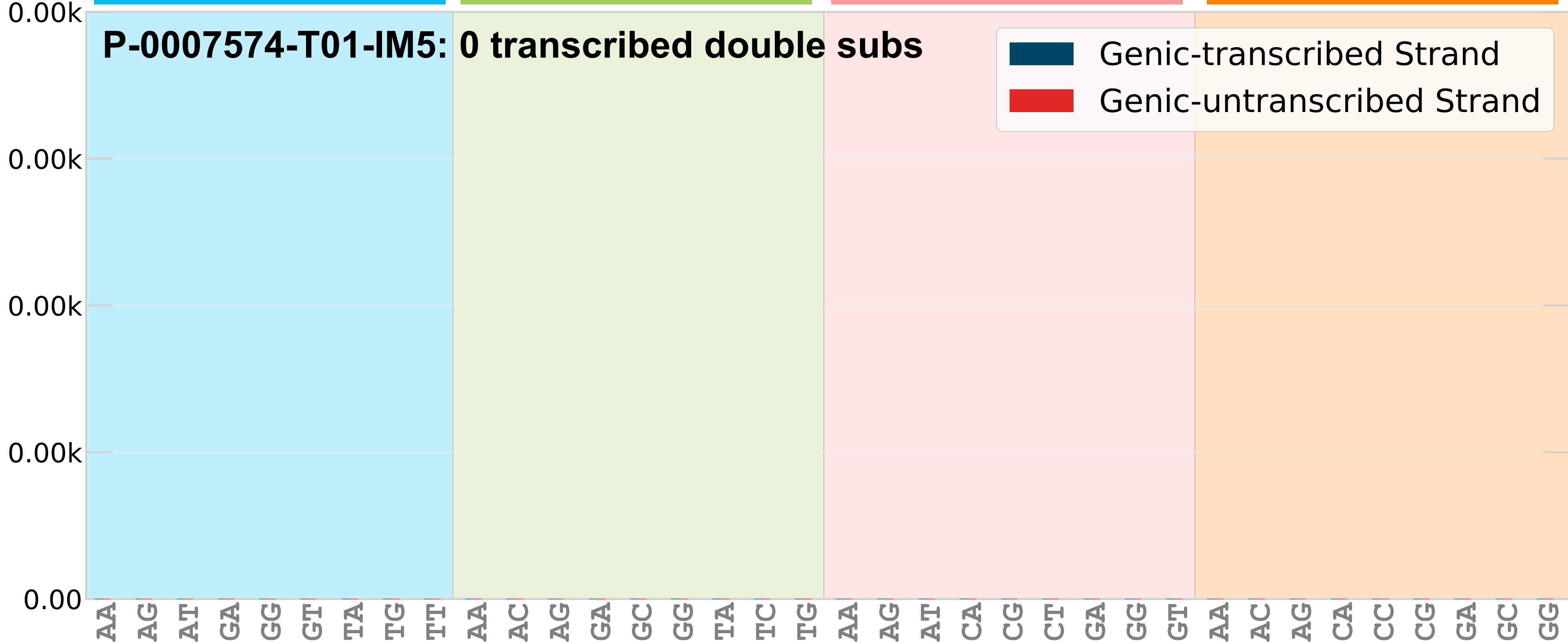
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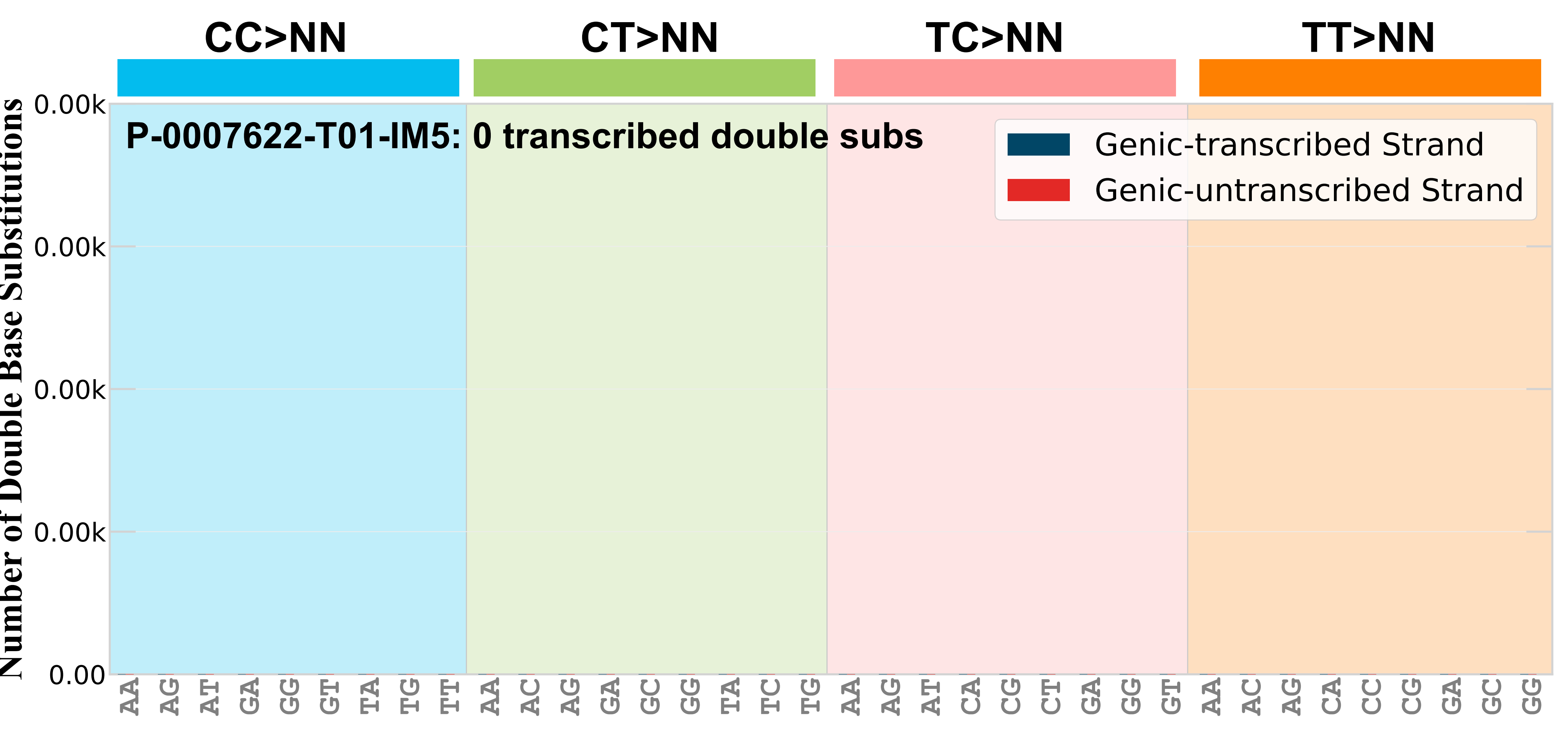
**TT>NN**



**TT>NN**





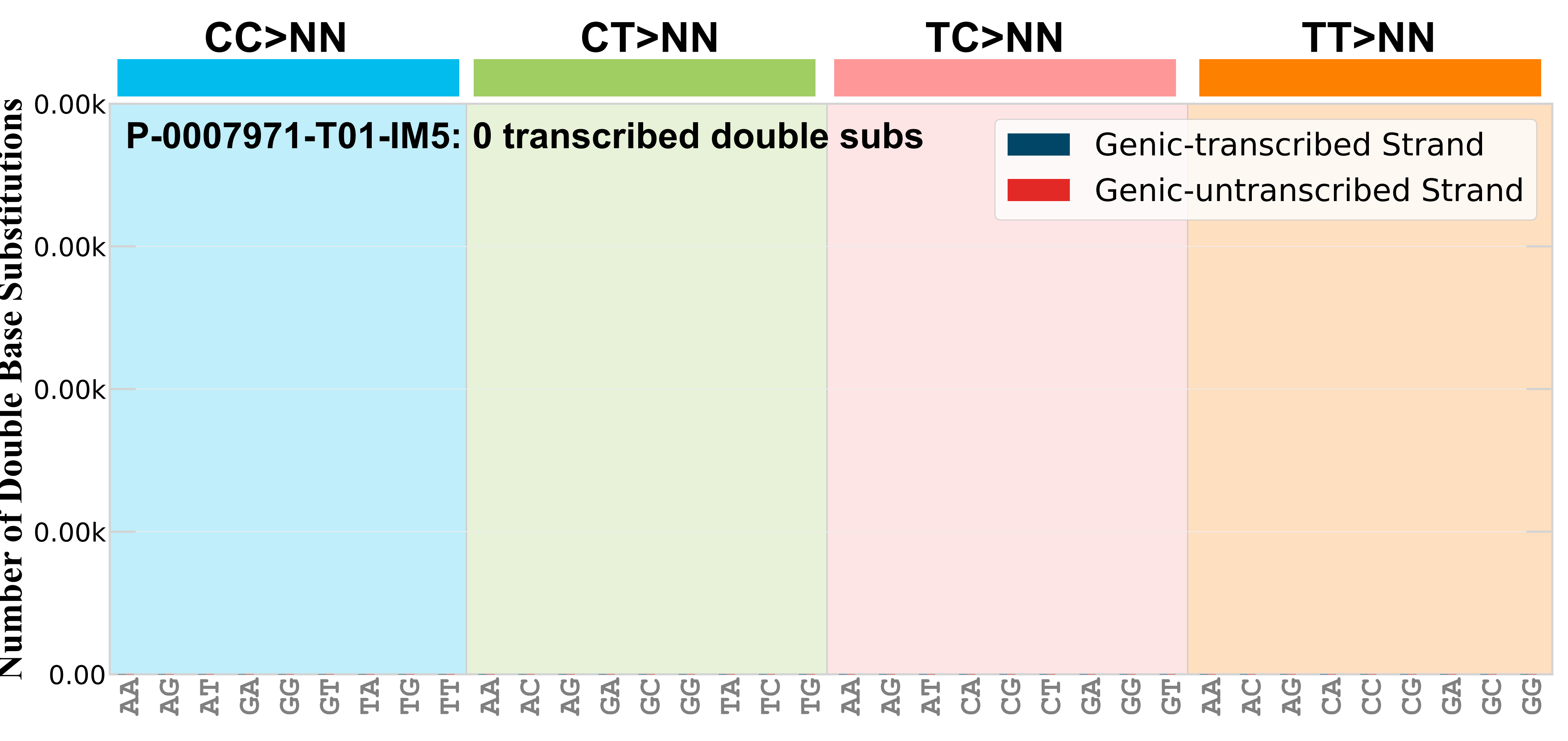


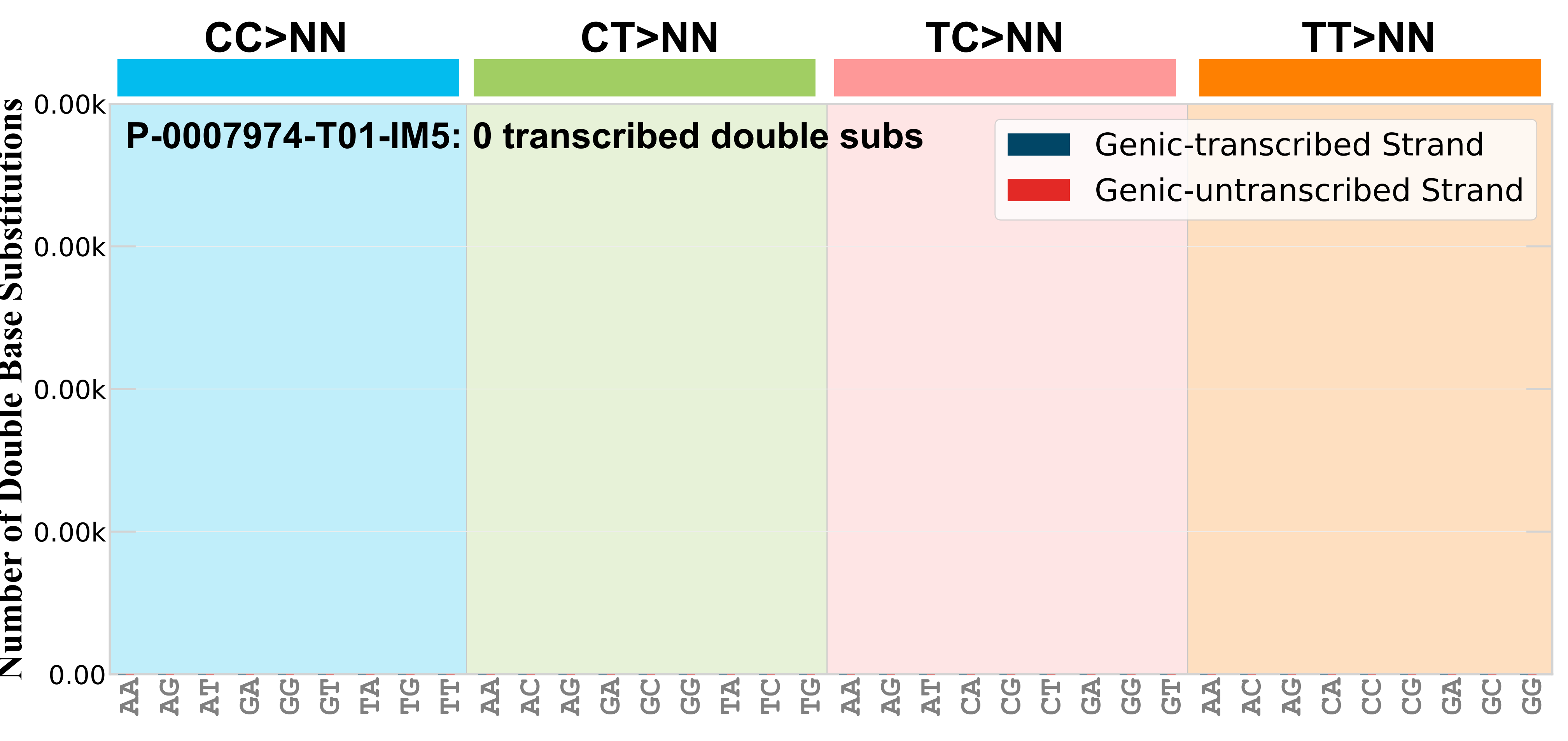






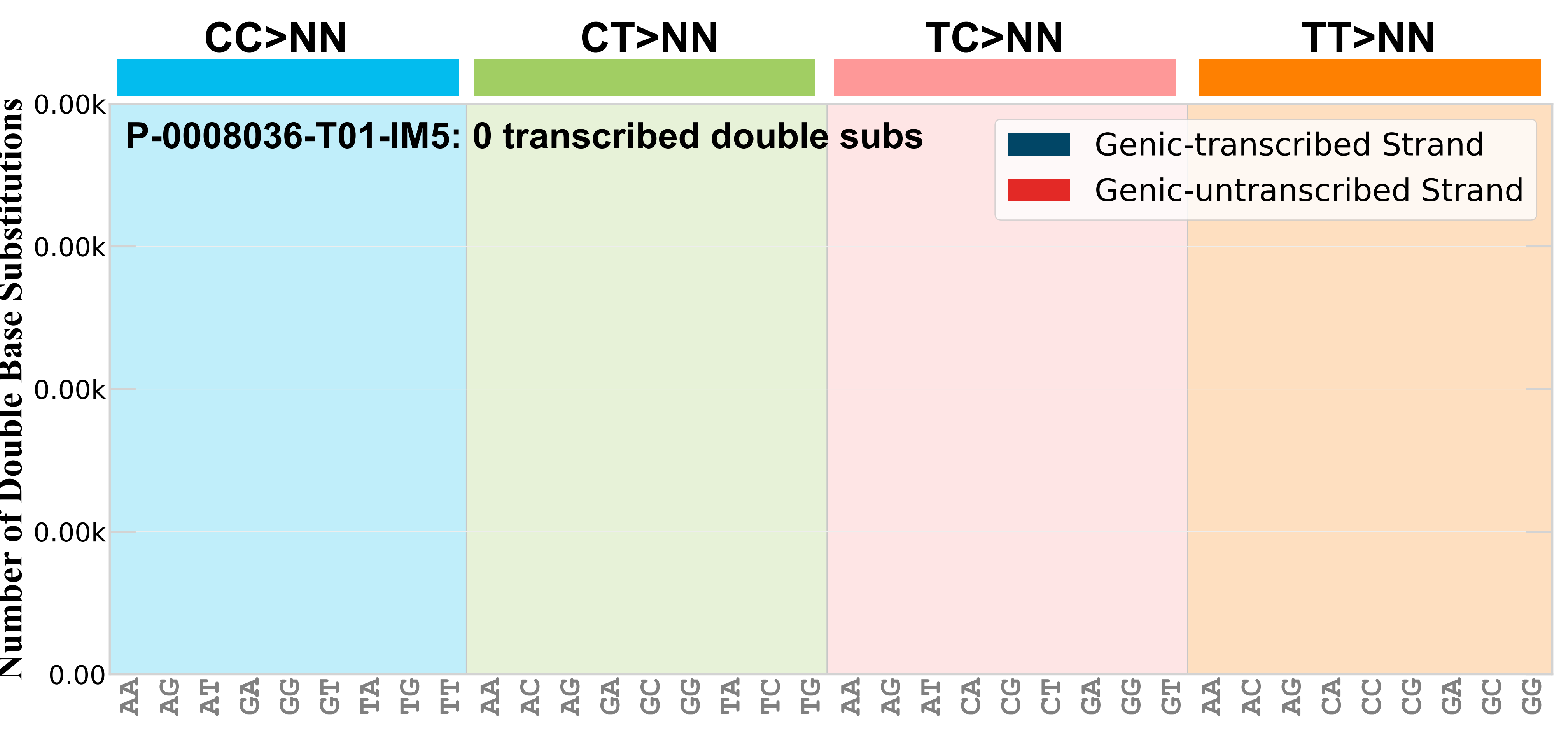






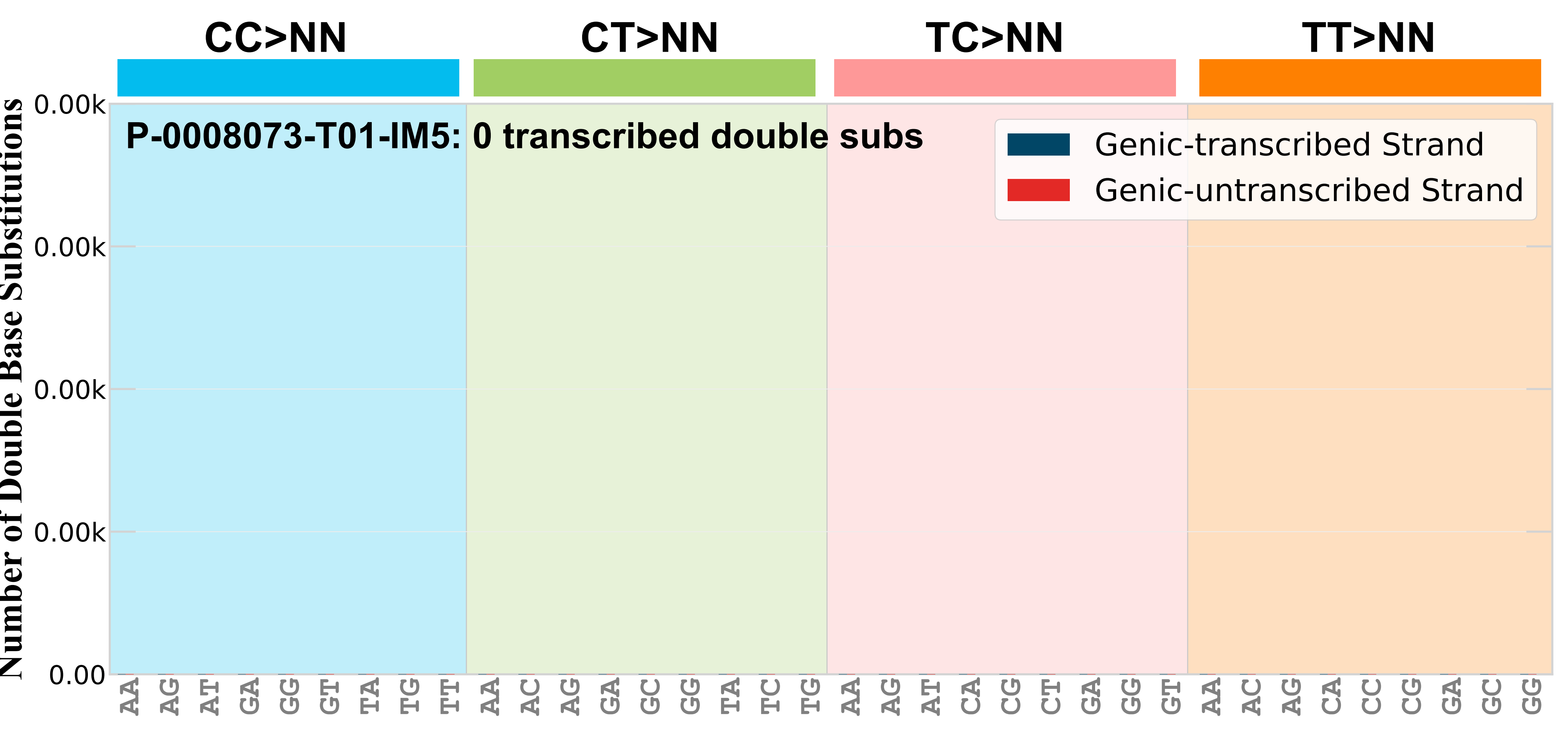


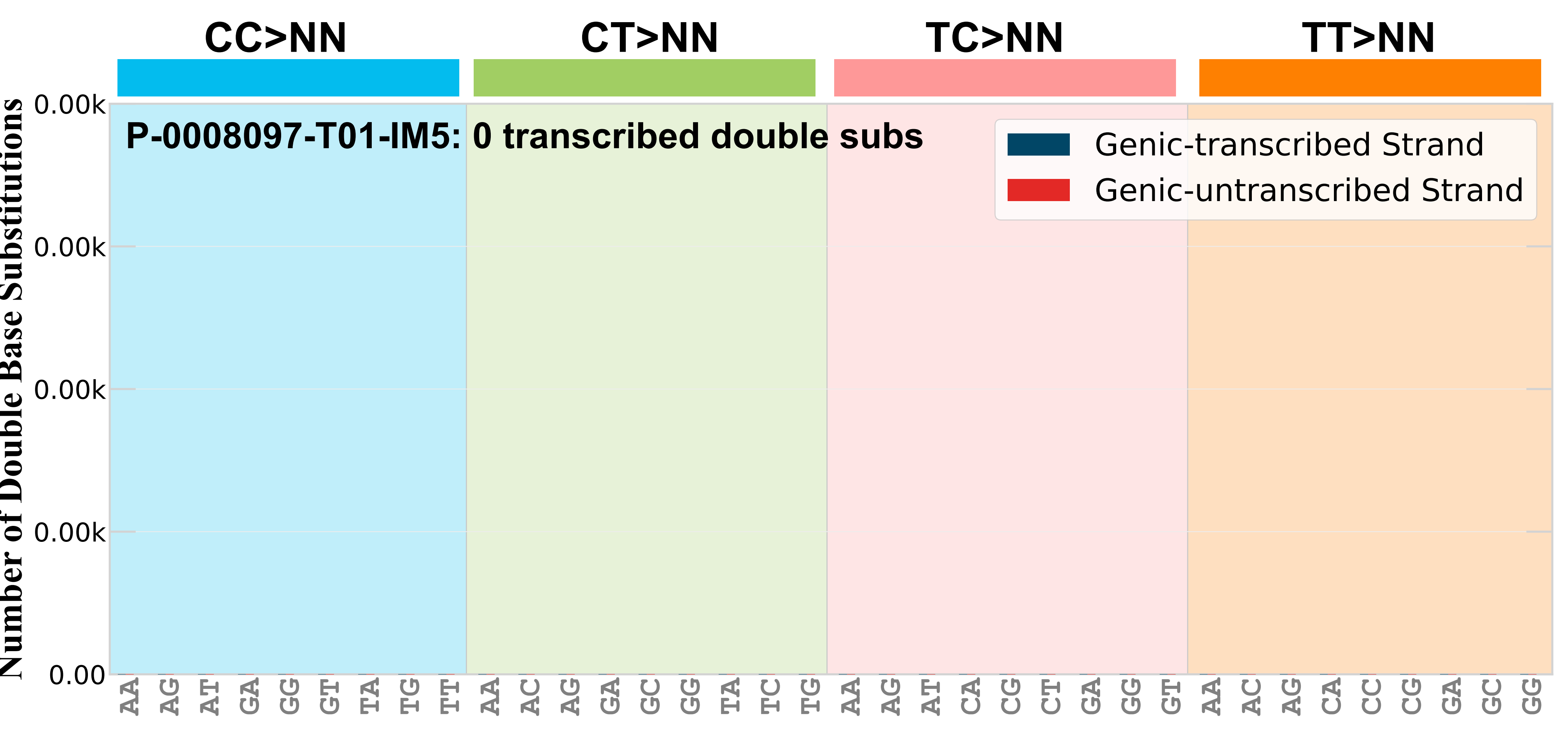




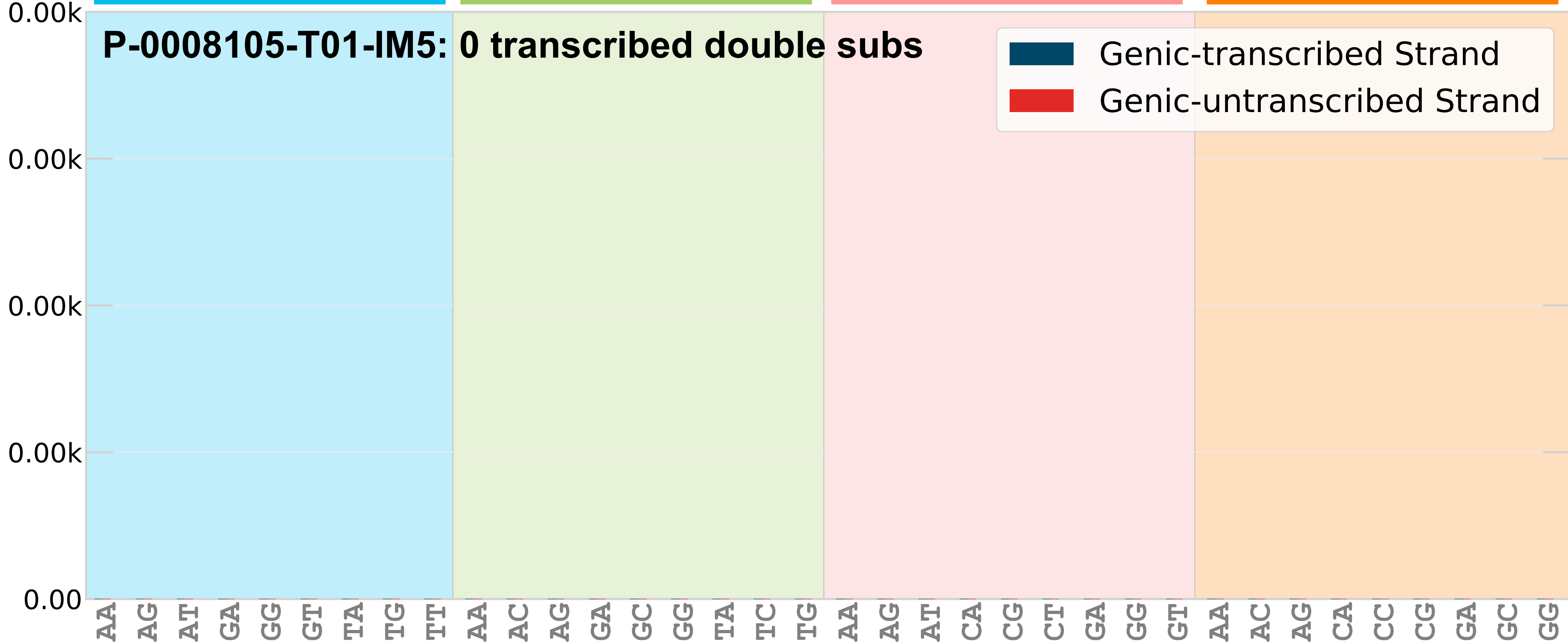


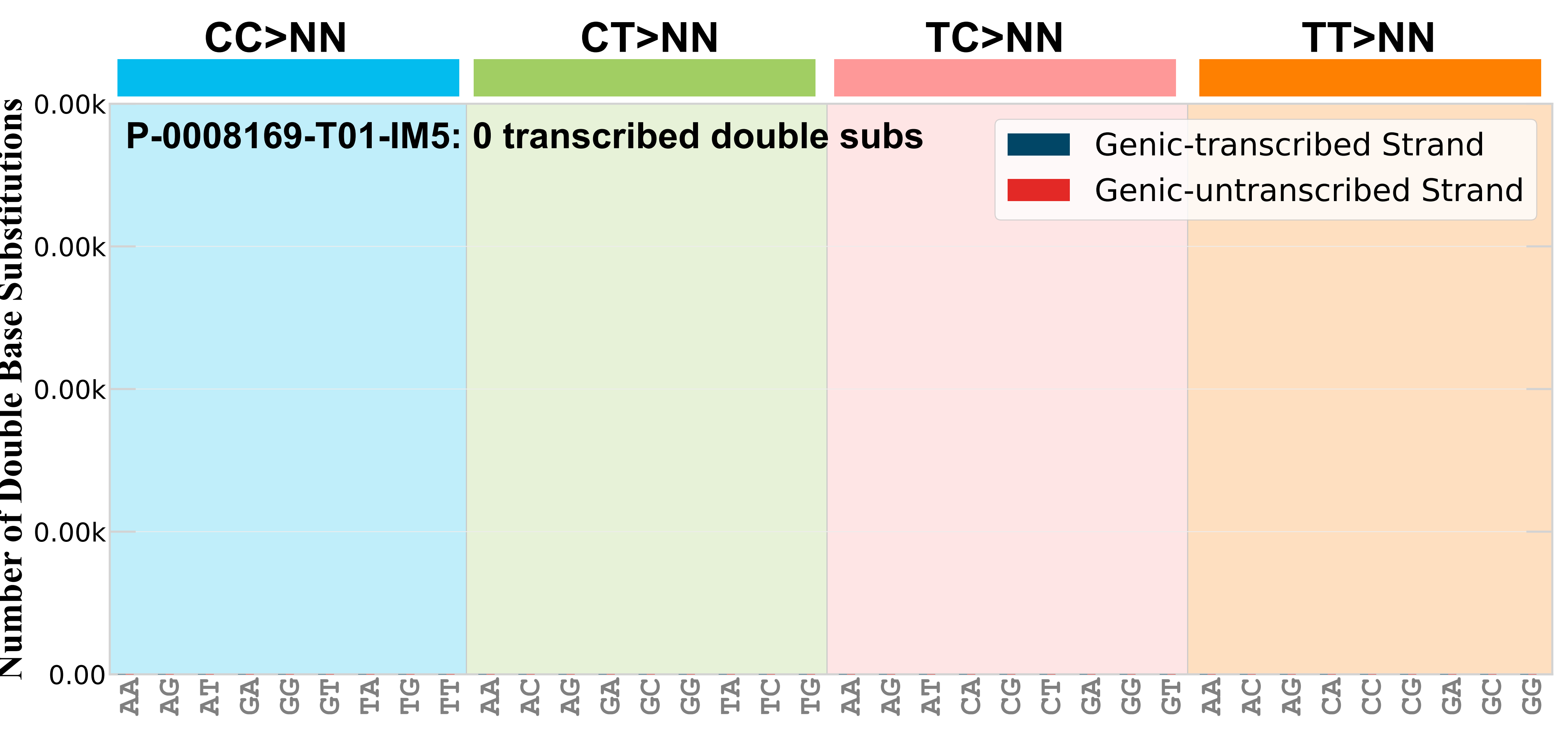




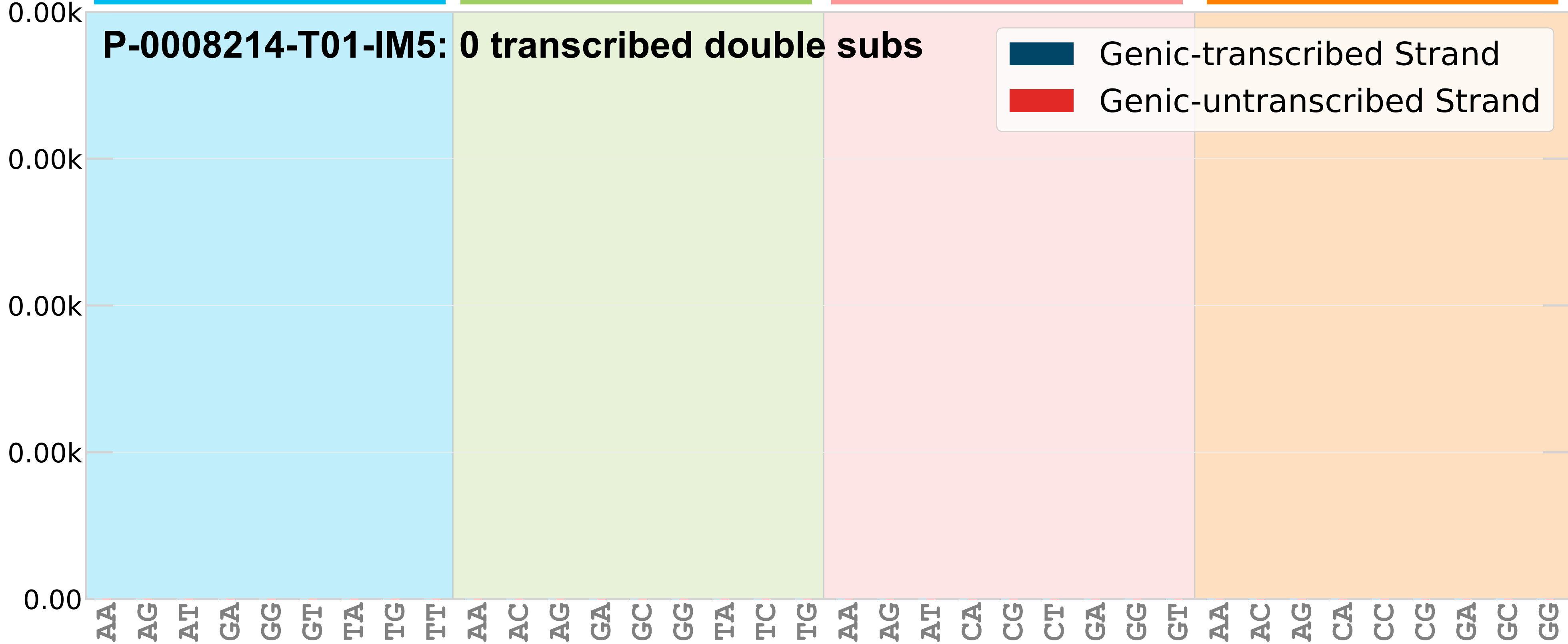


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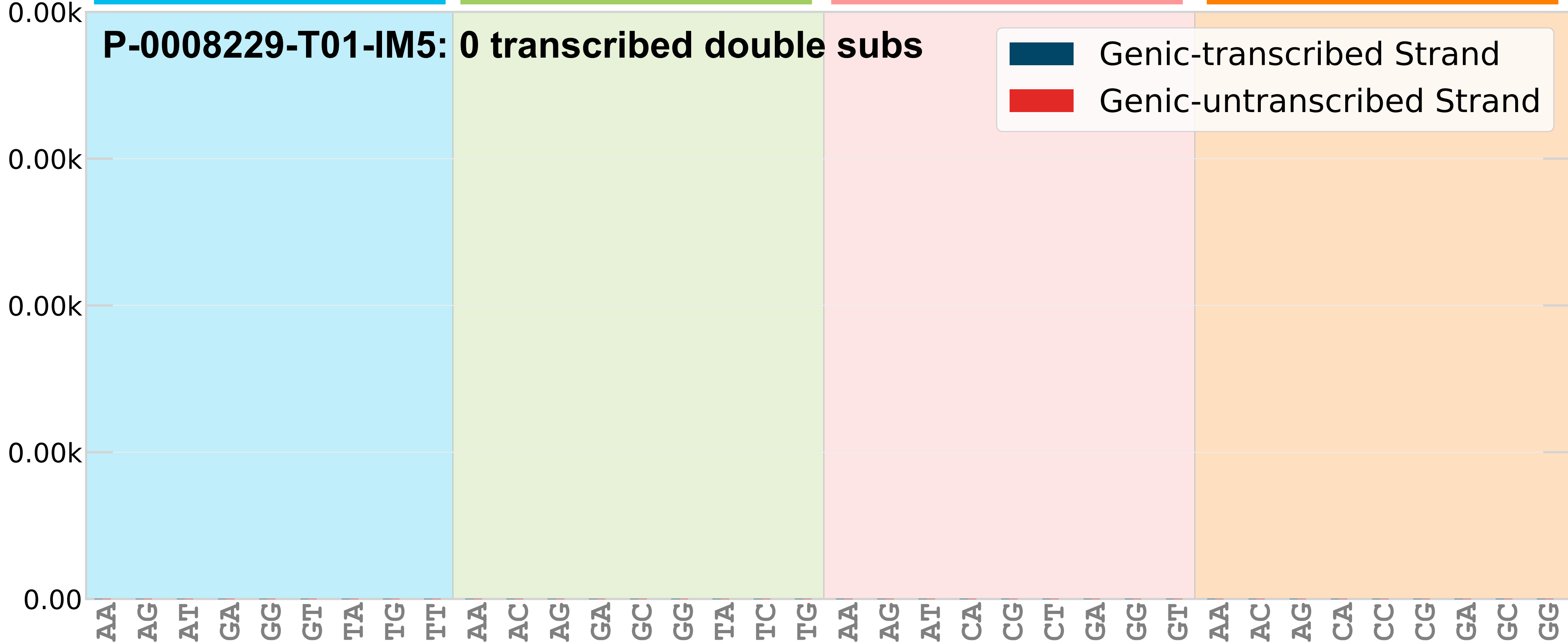


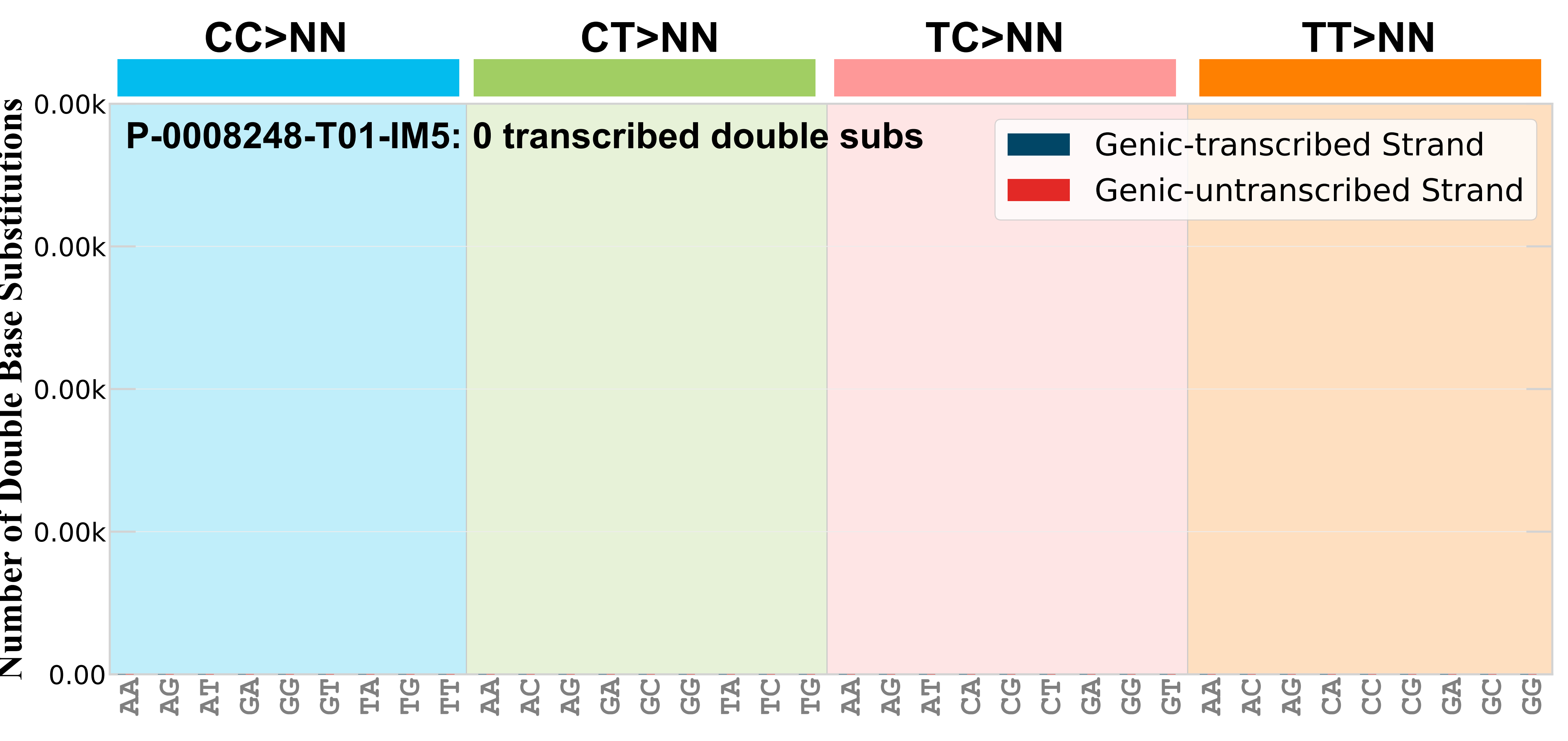


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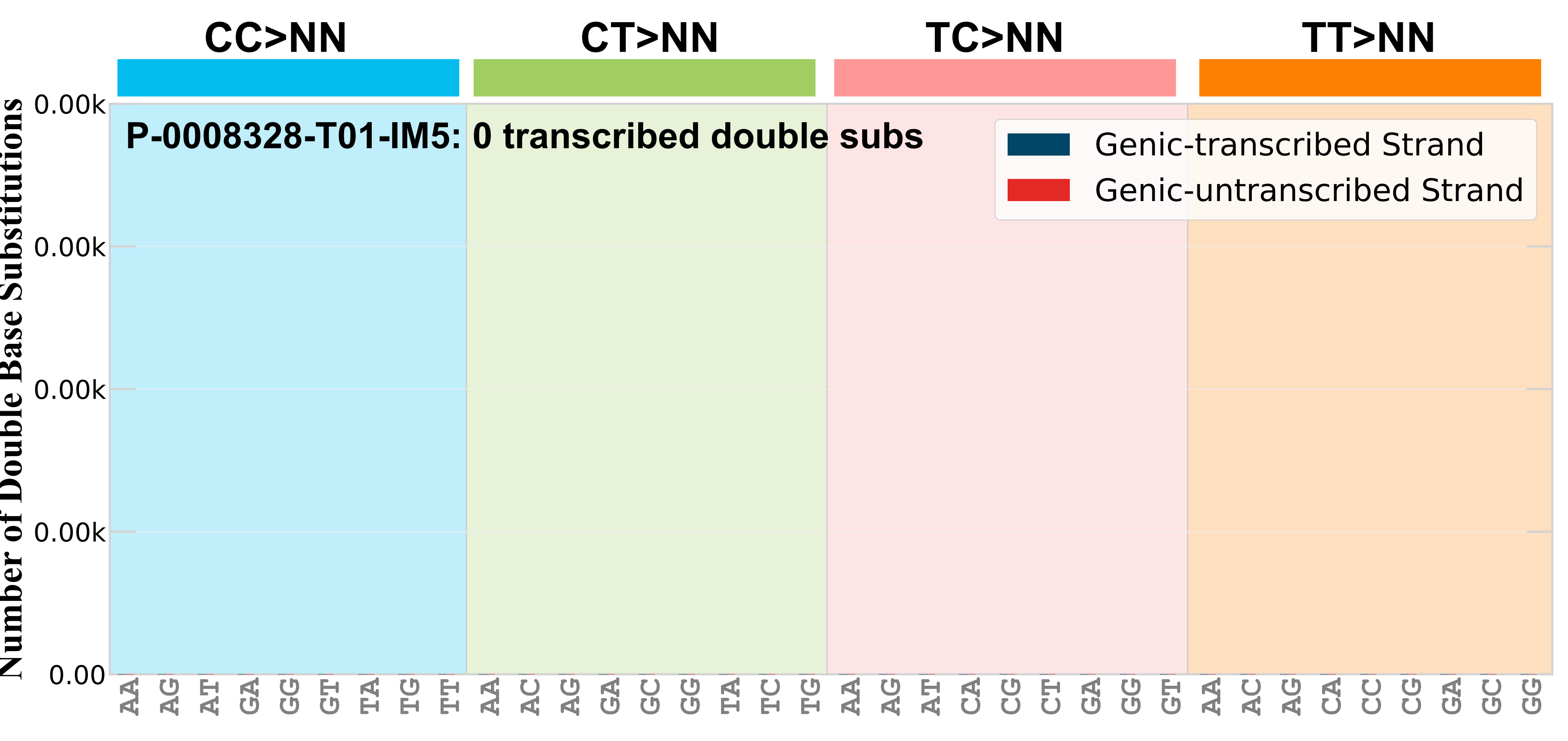


# TT>NN







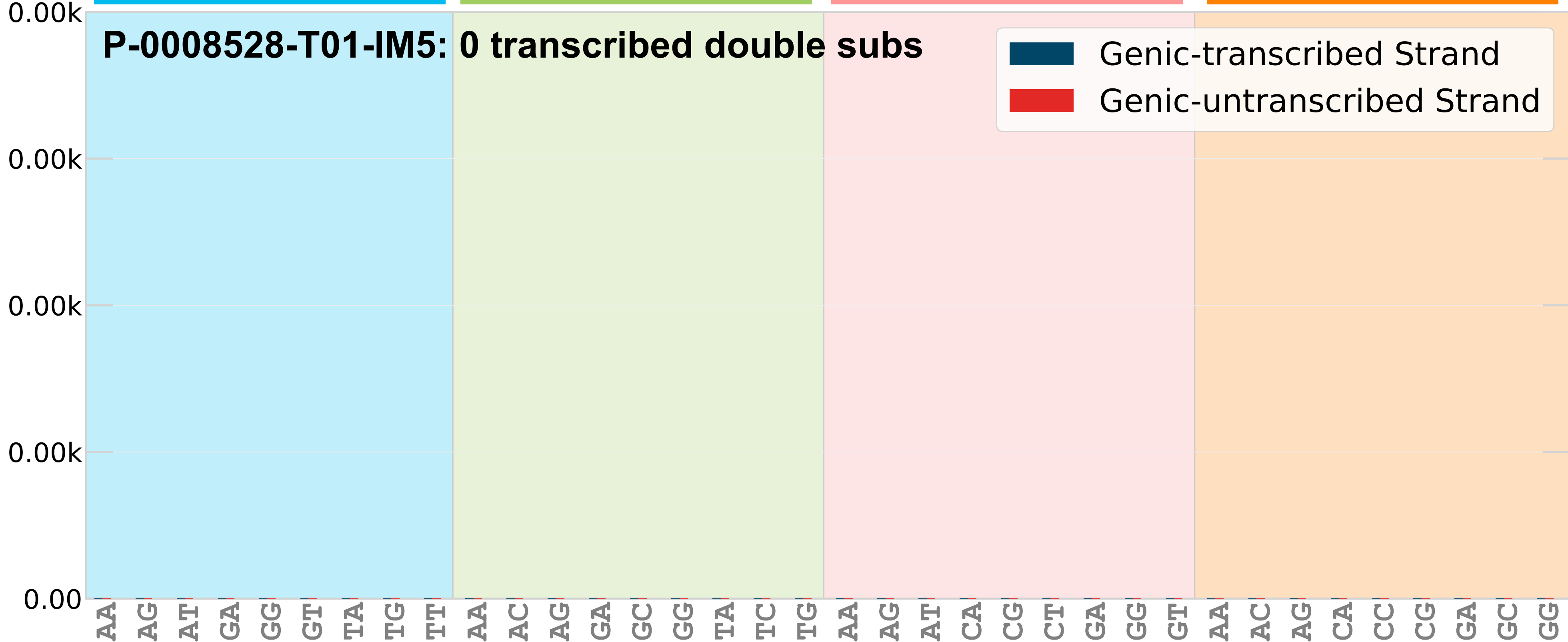




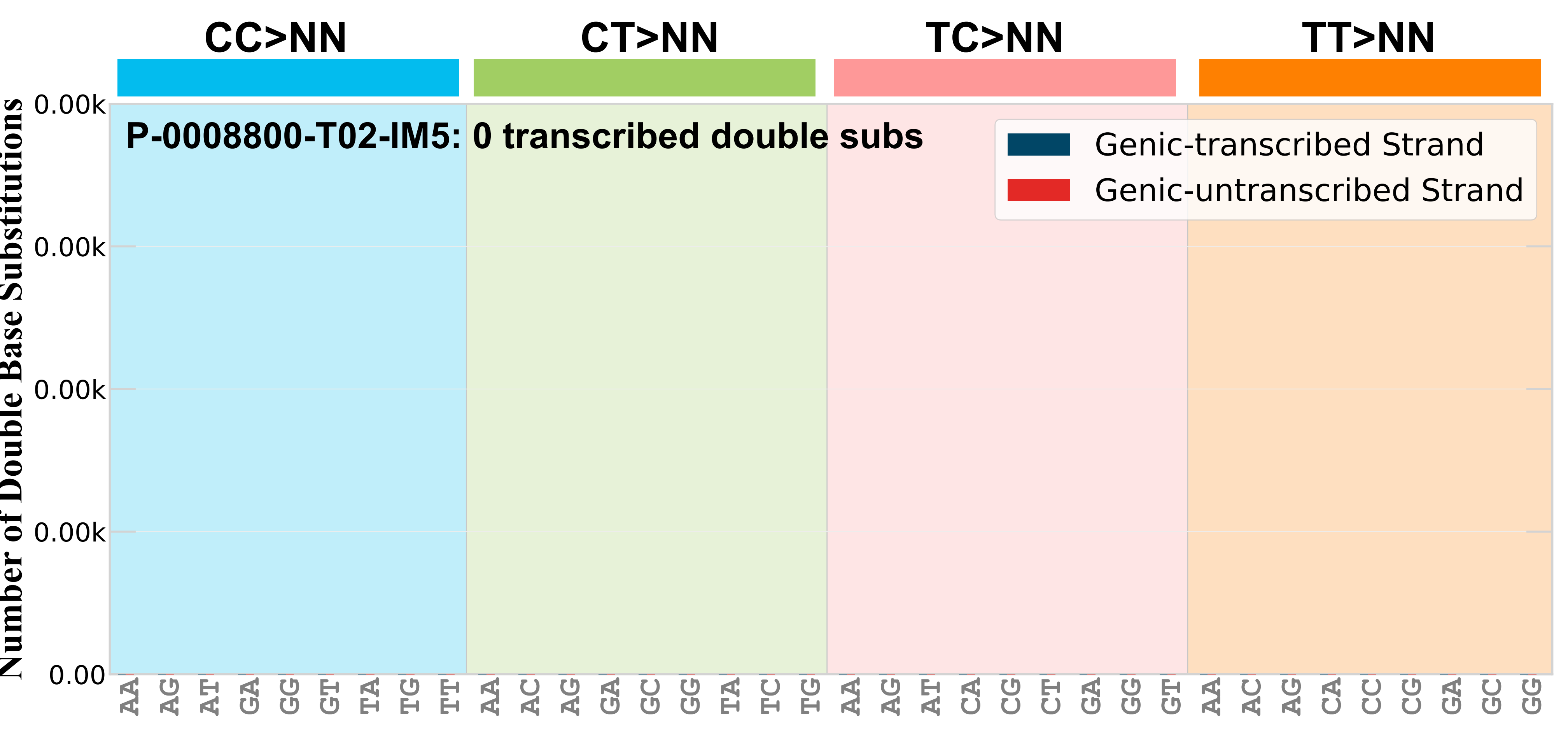


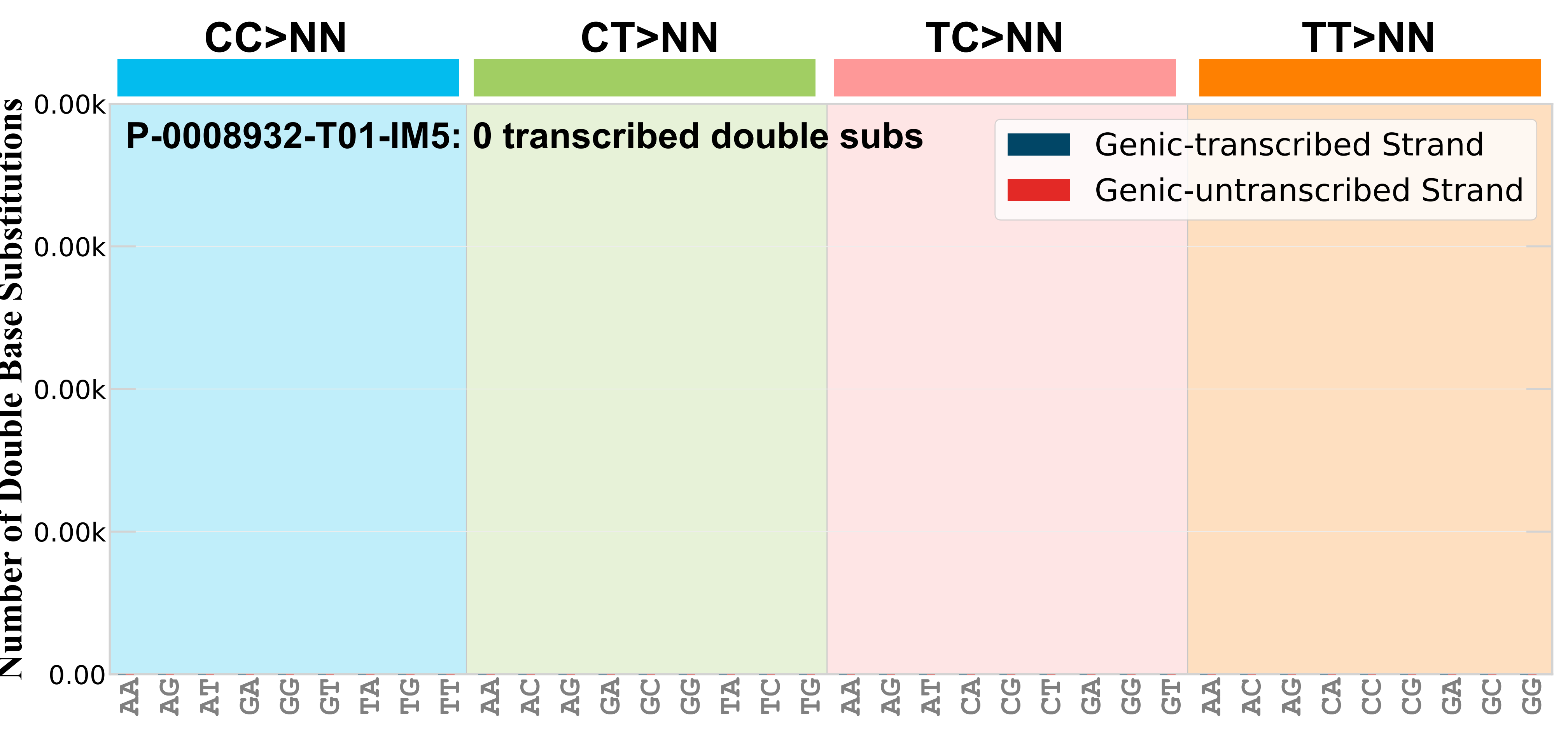


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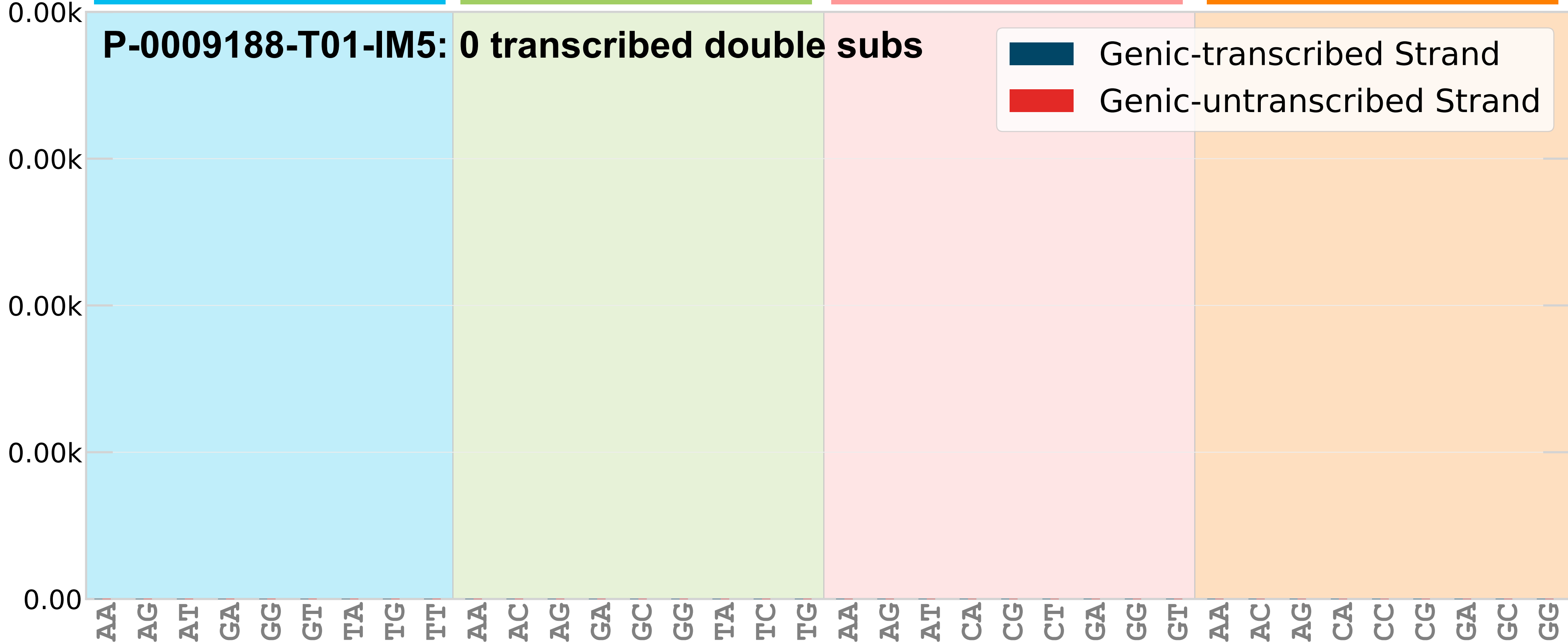




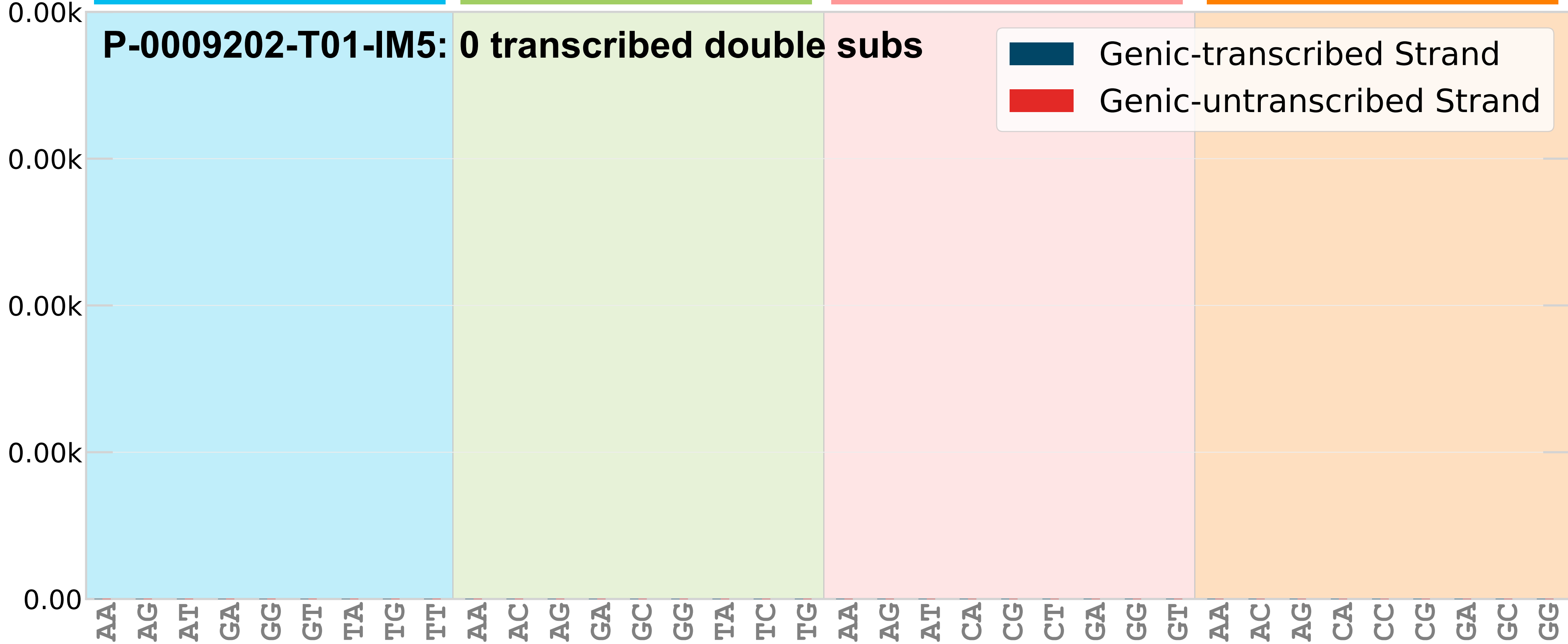




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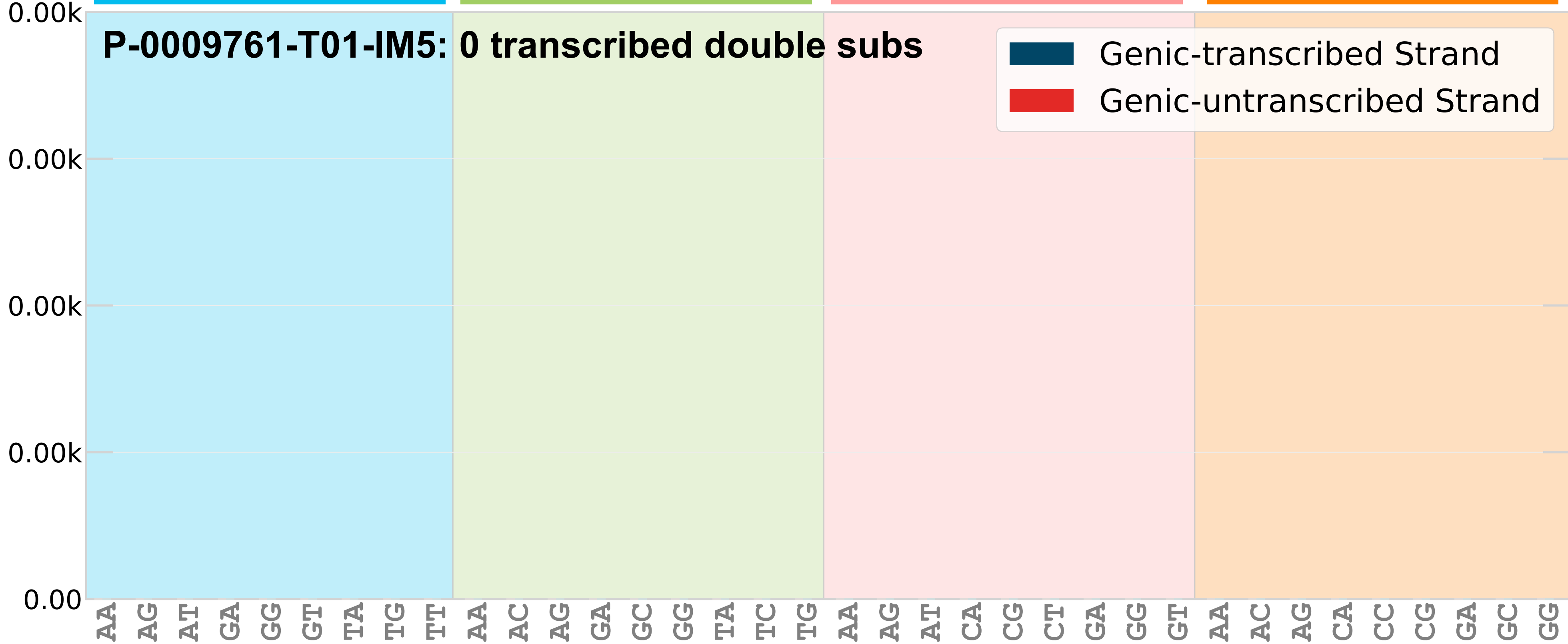
**TT>NN**



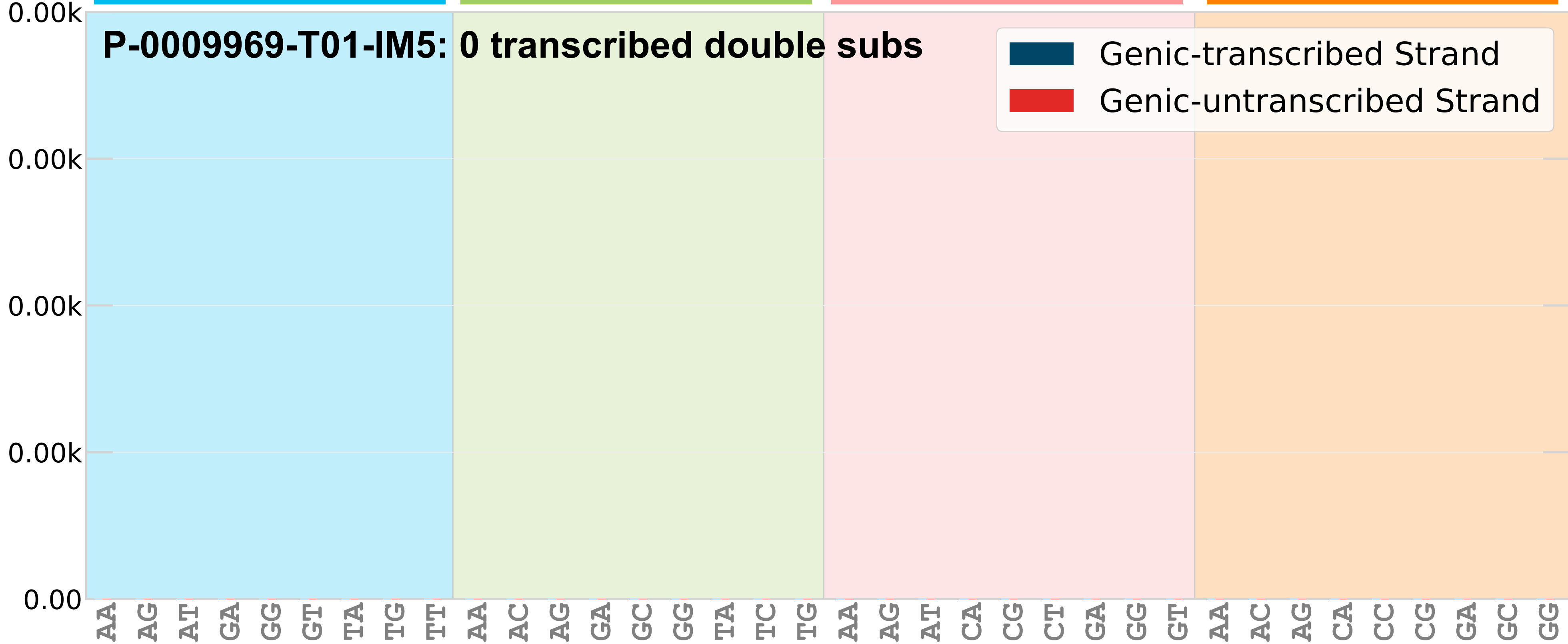


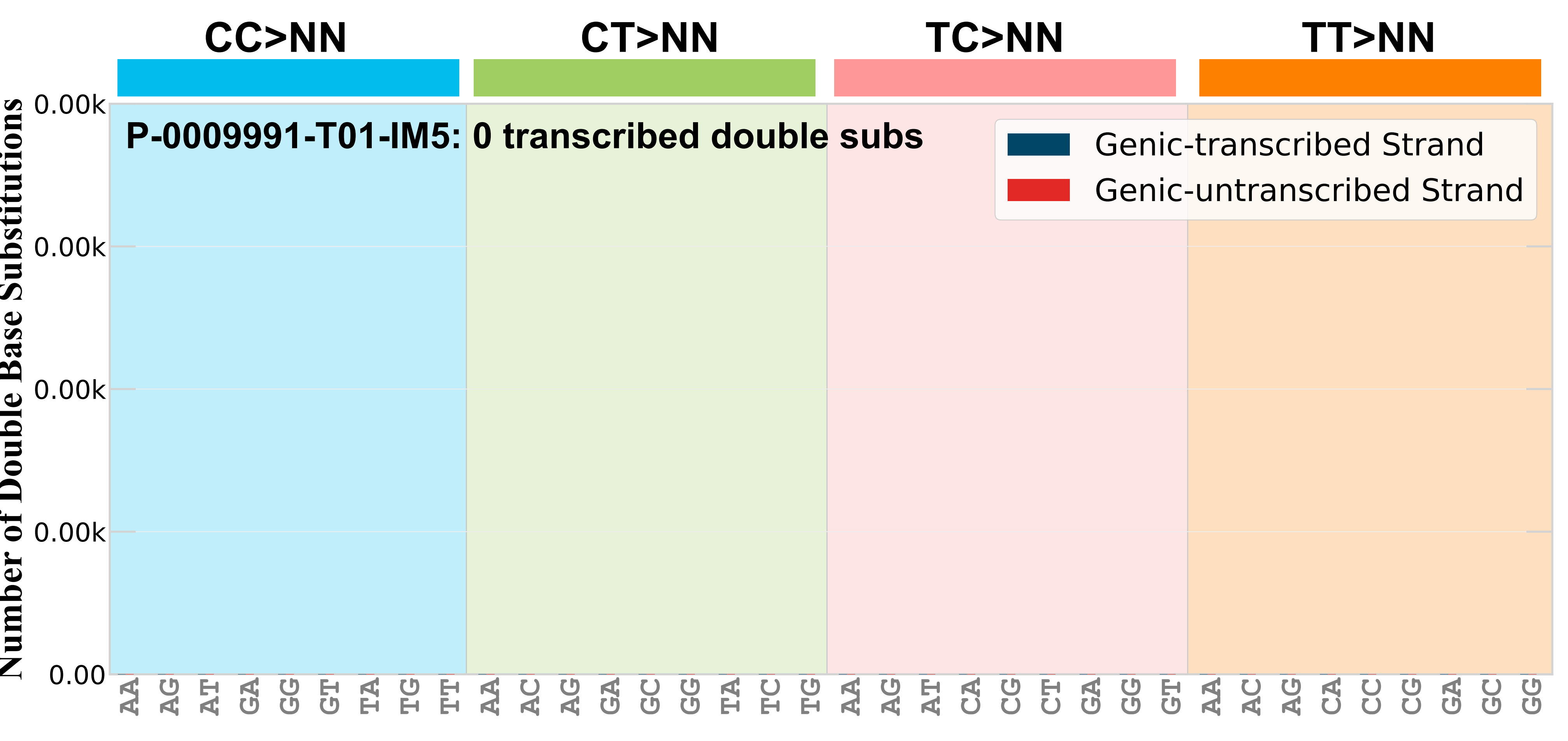


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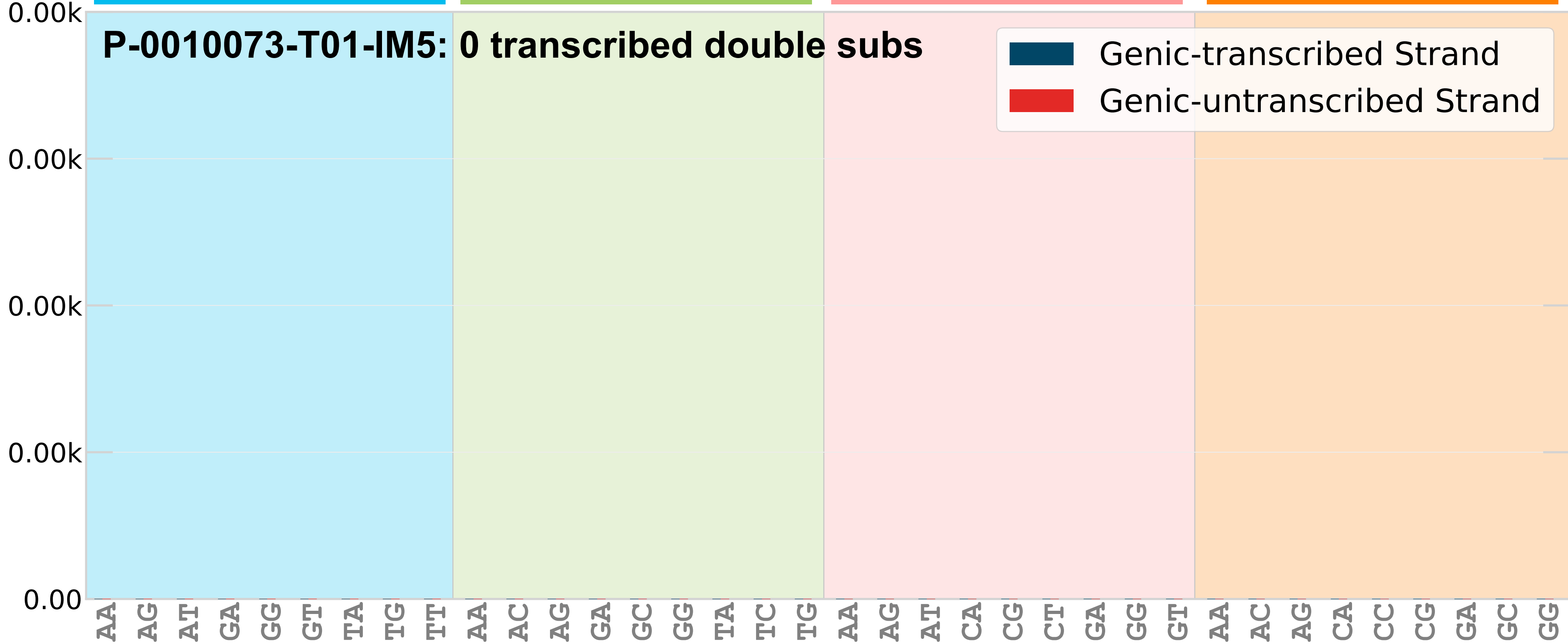


**TT>NN**

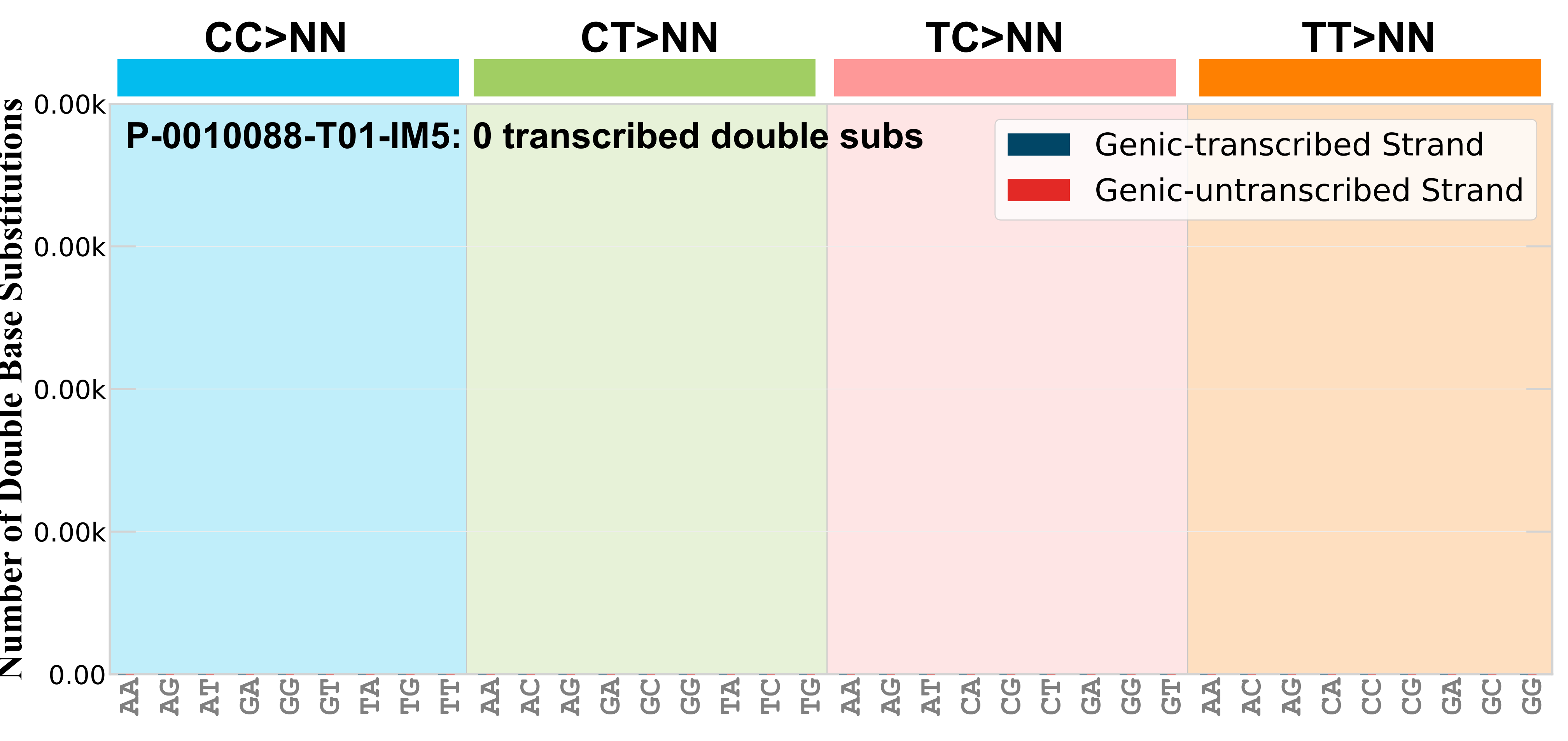




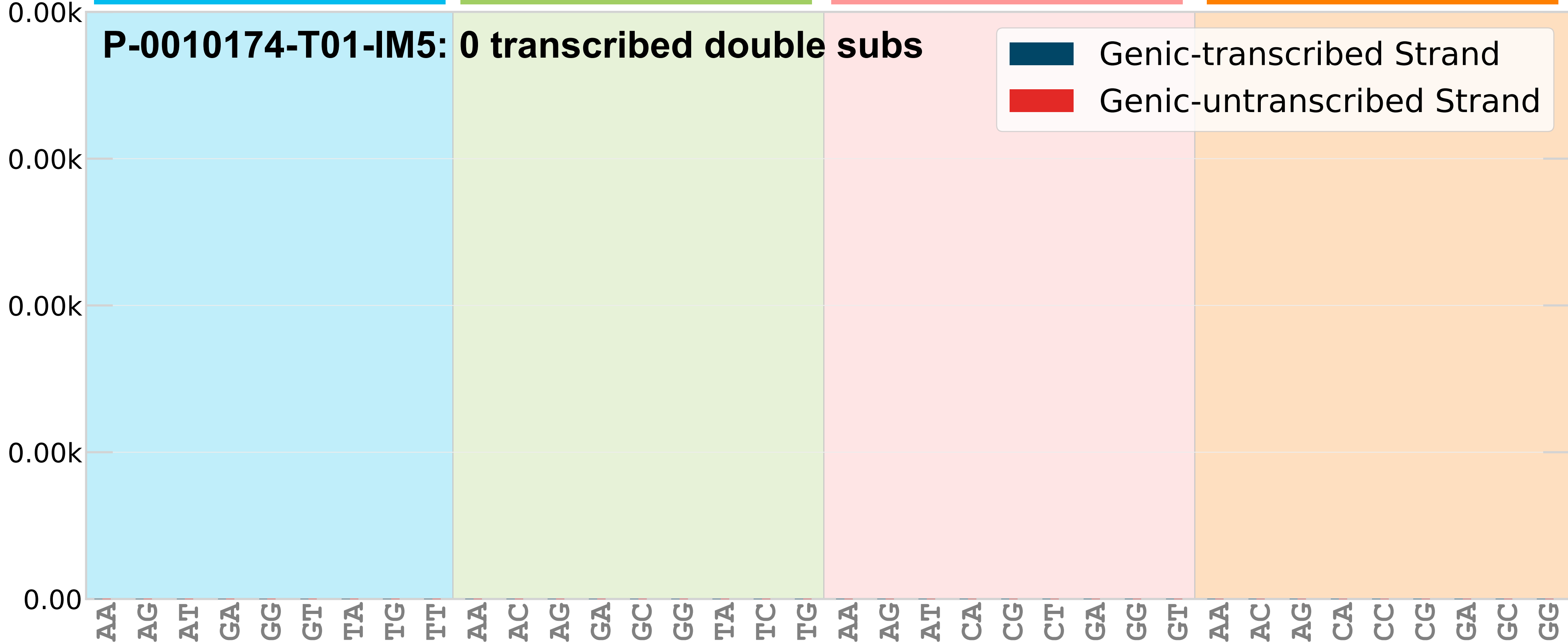
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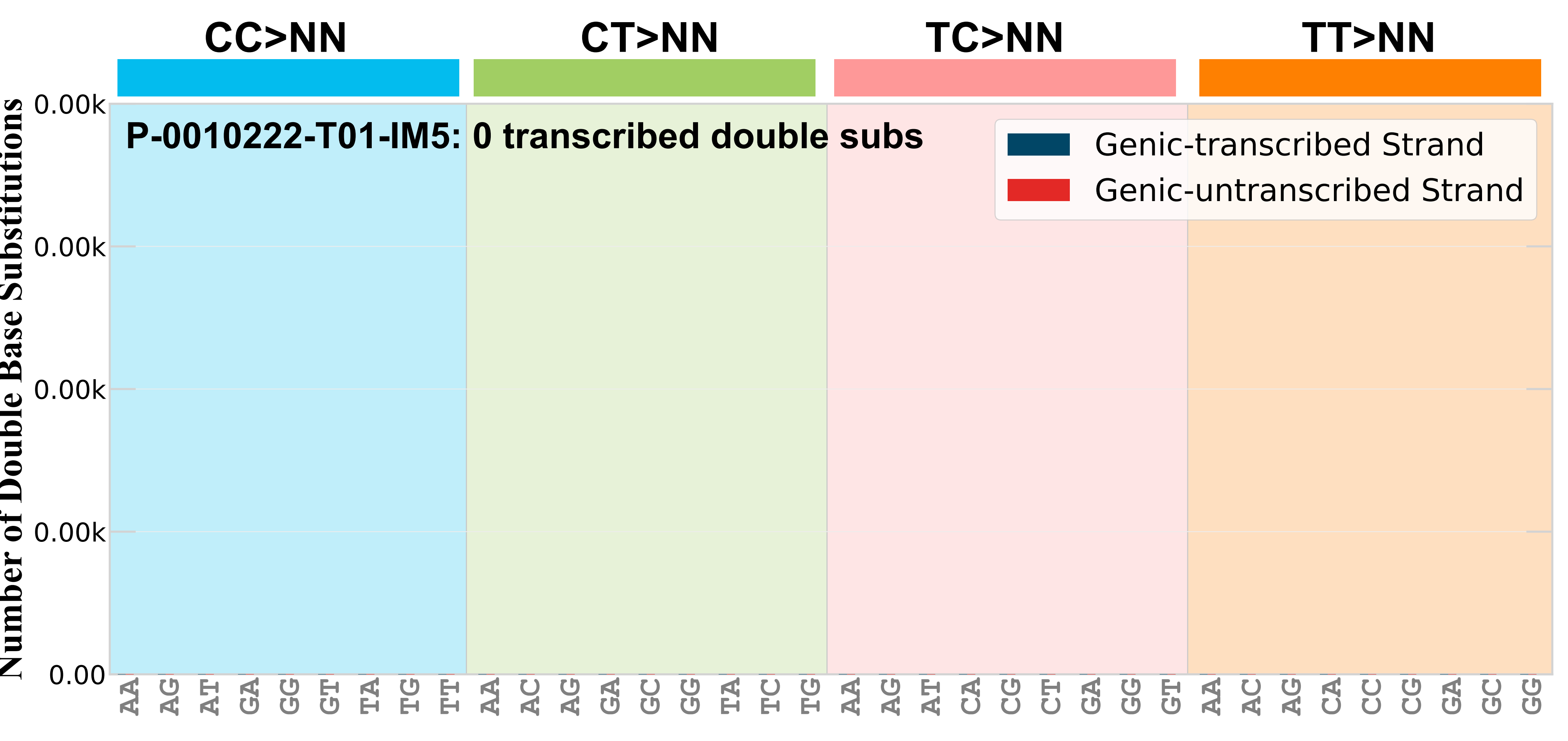




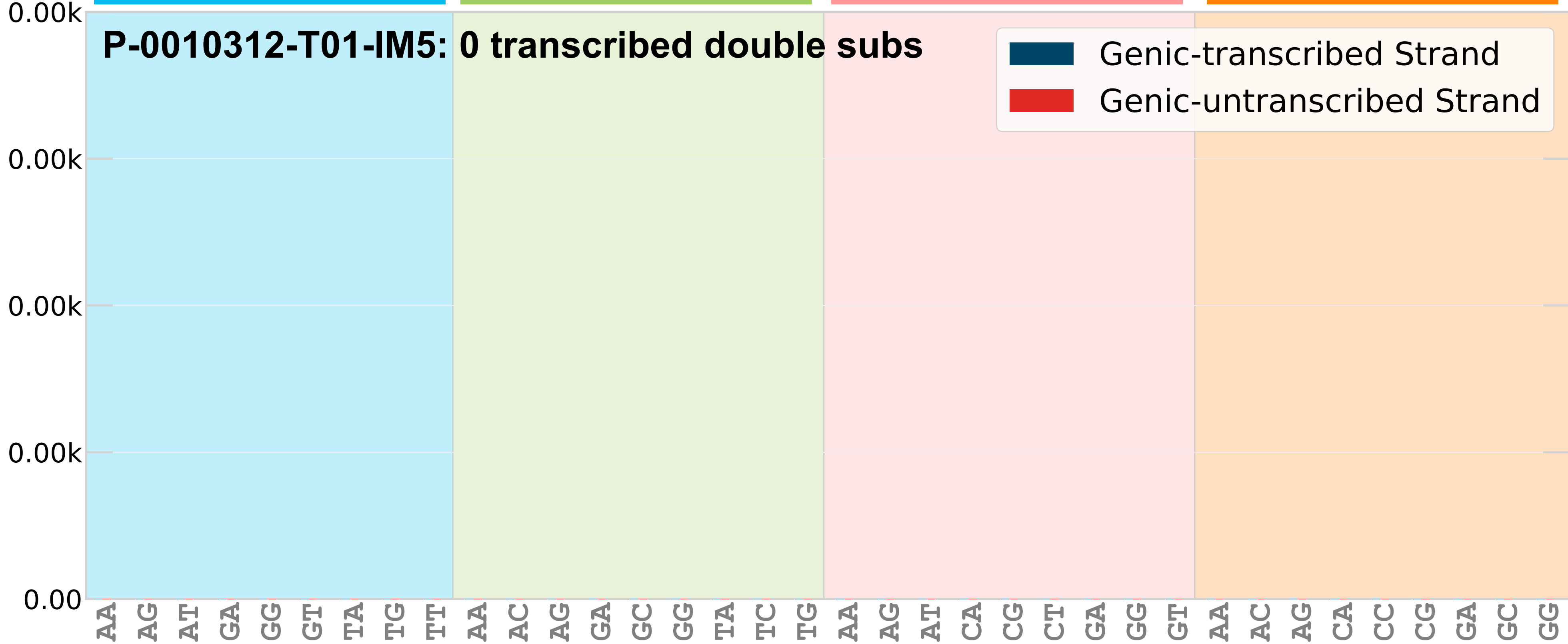


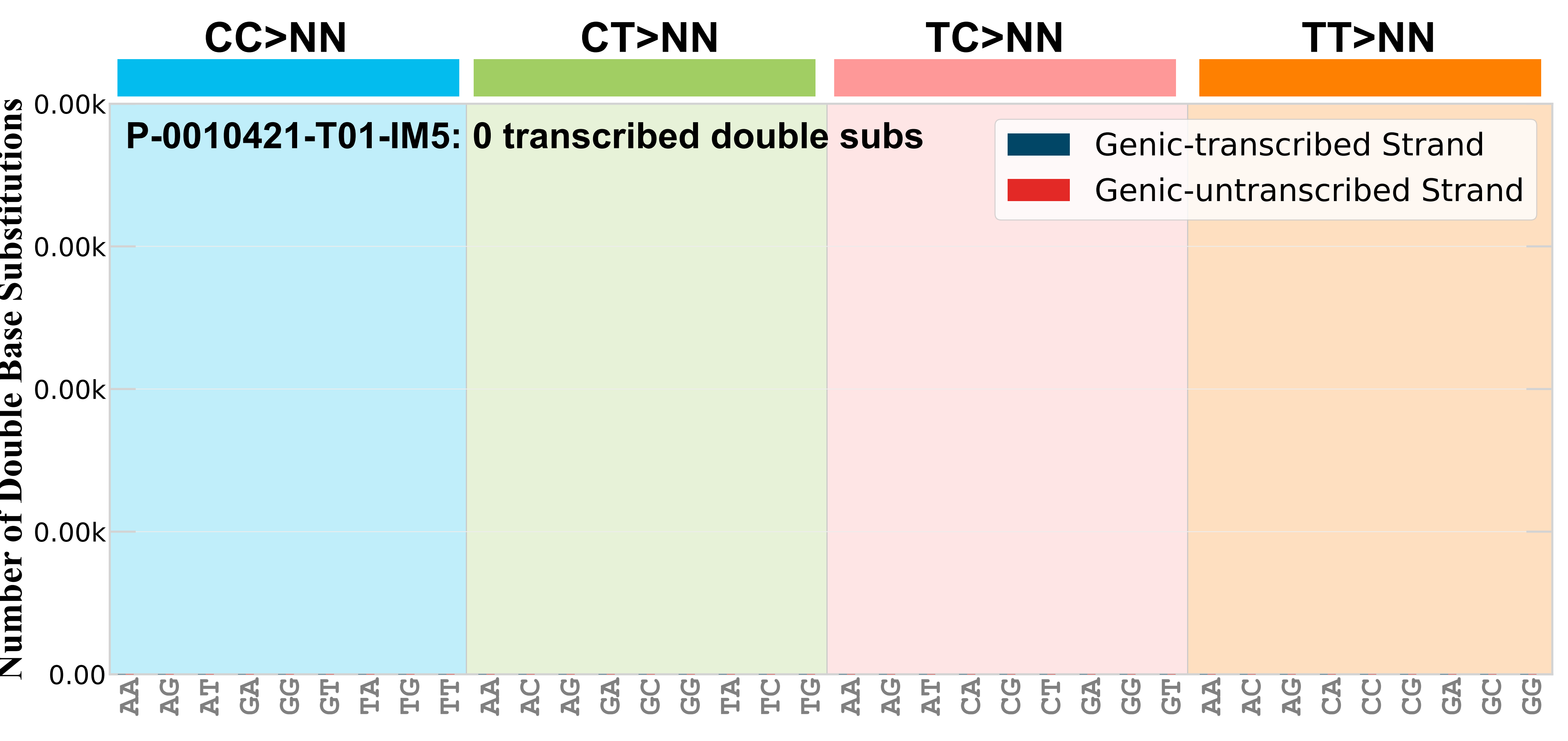
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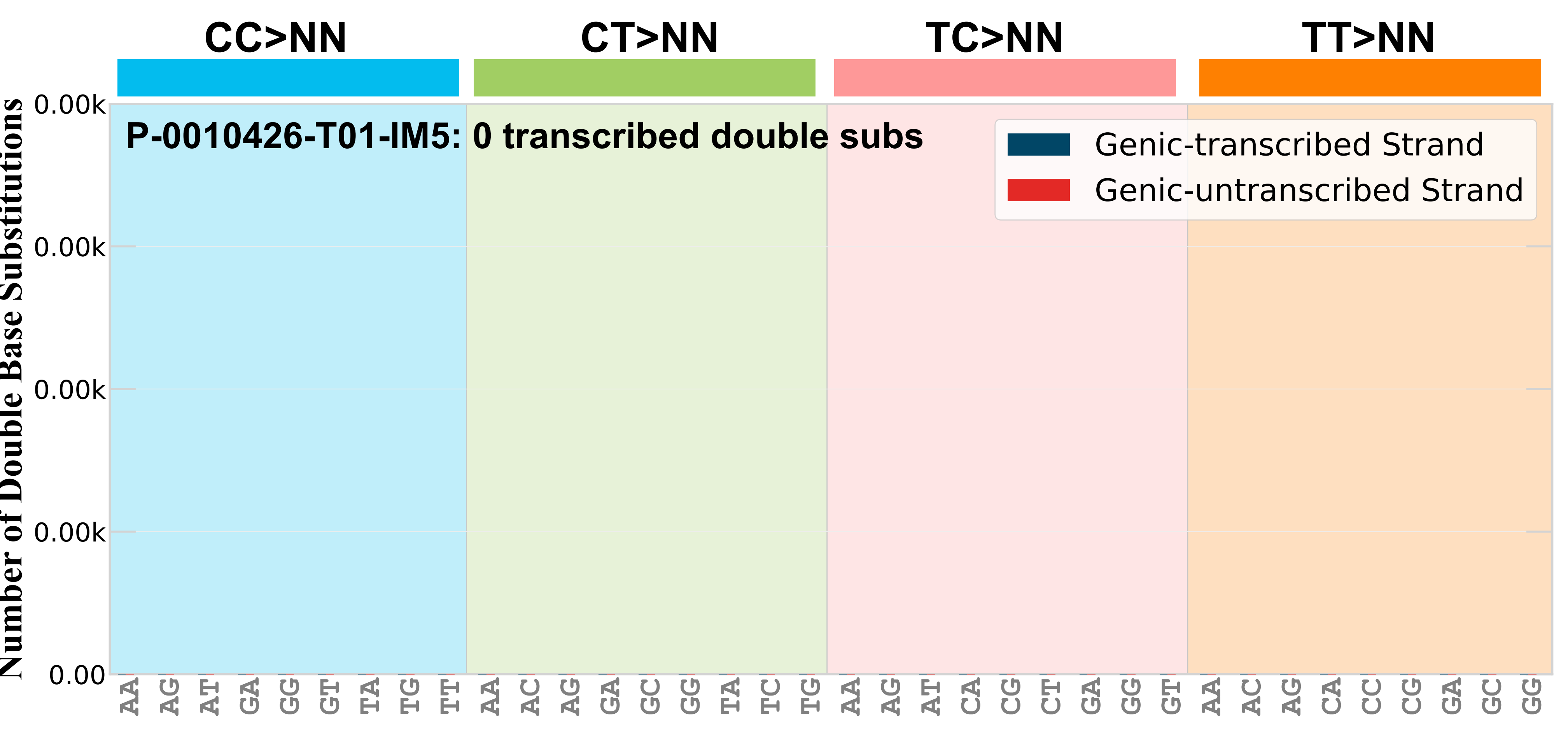




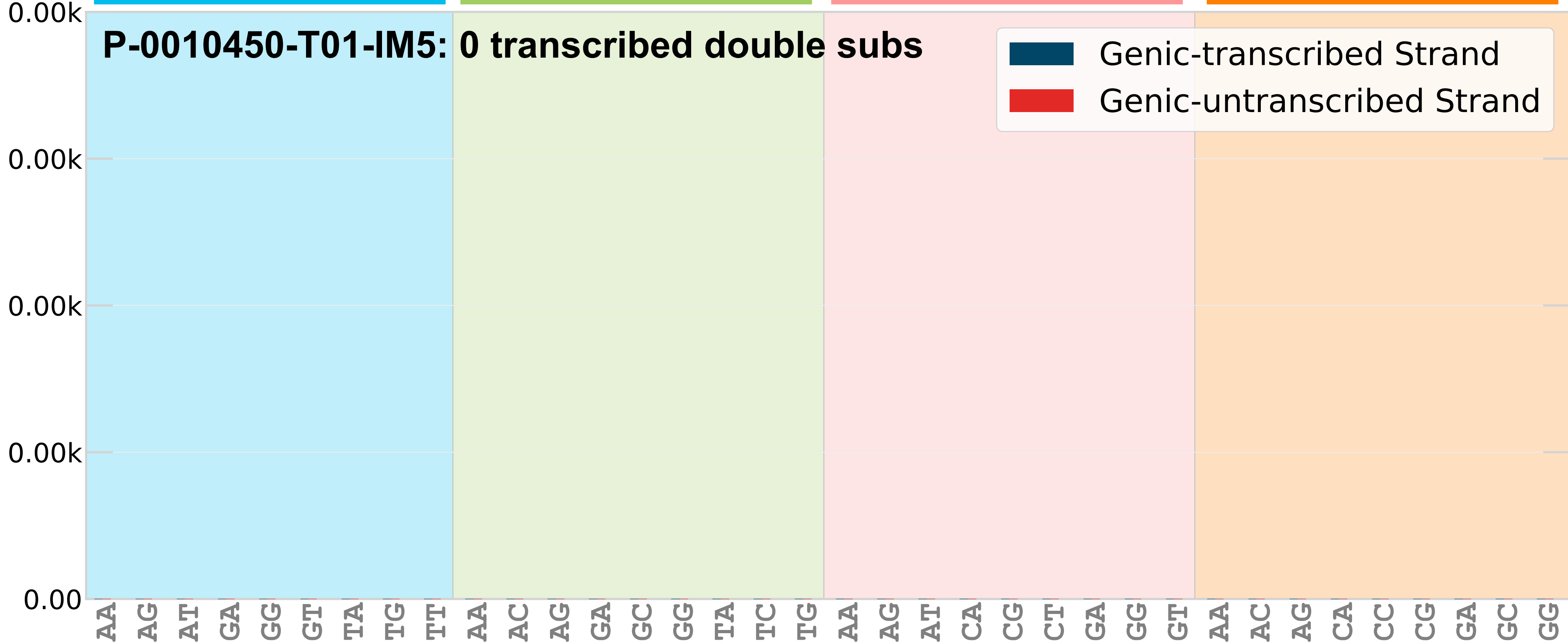
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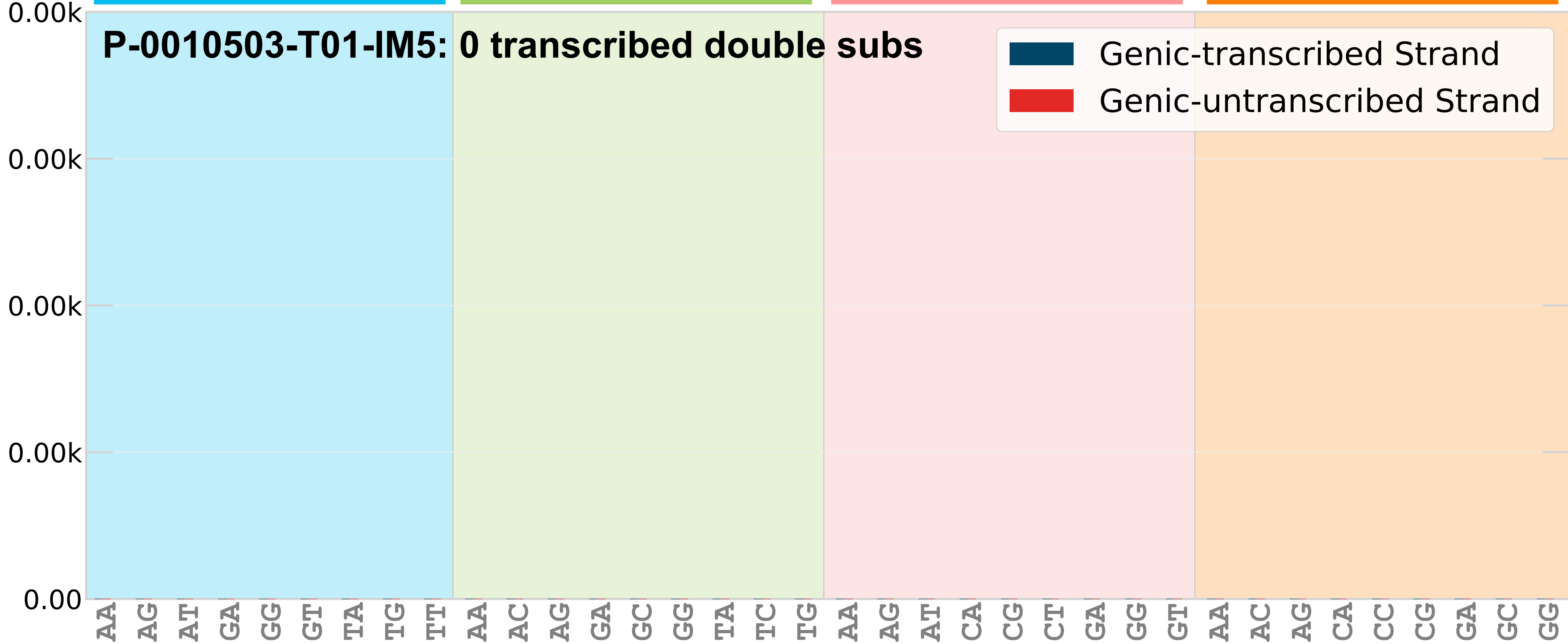




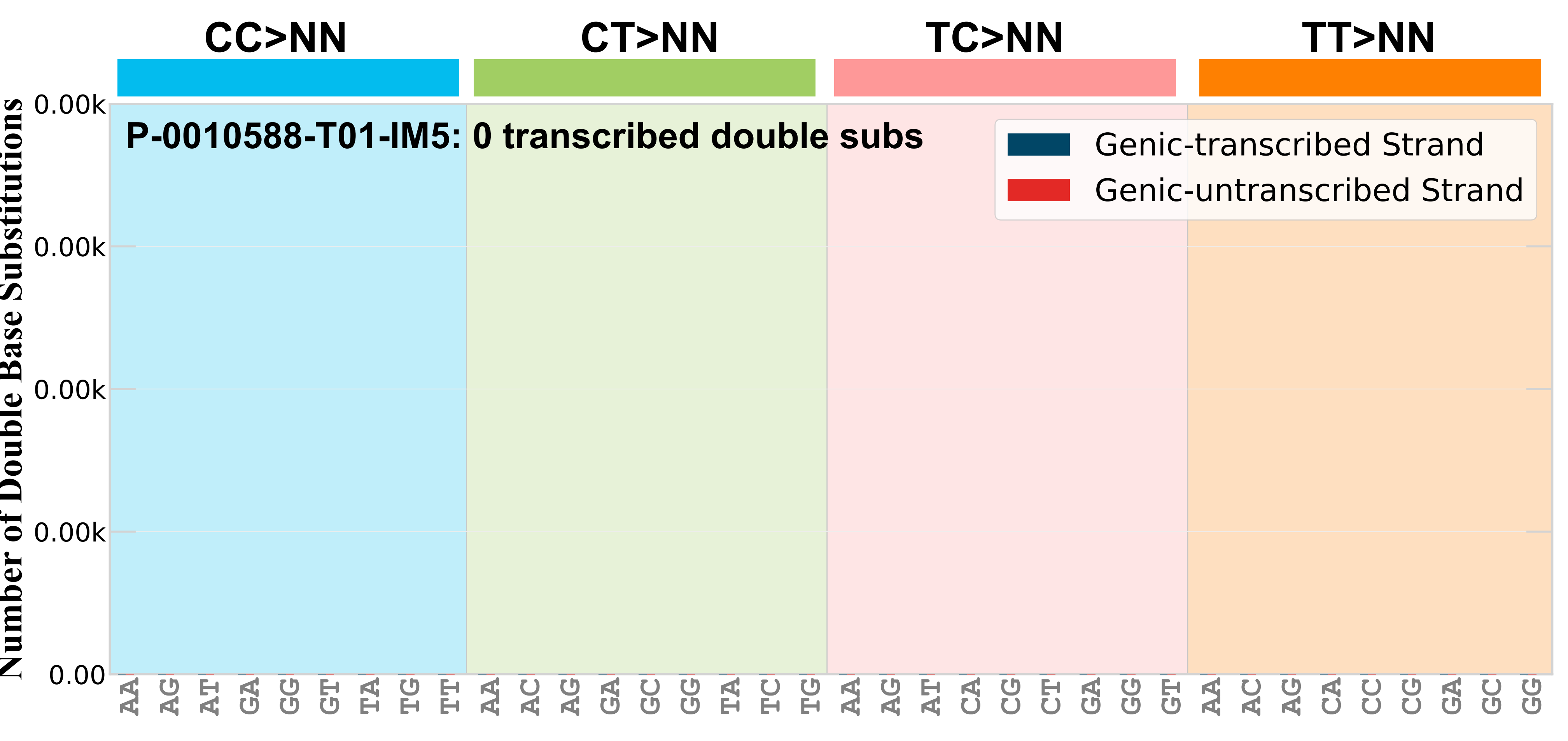
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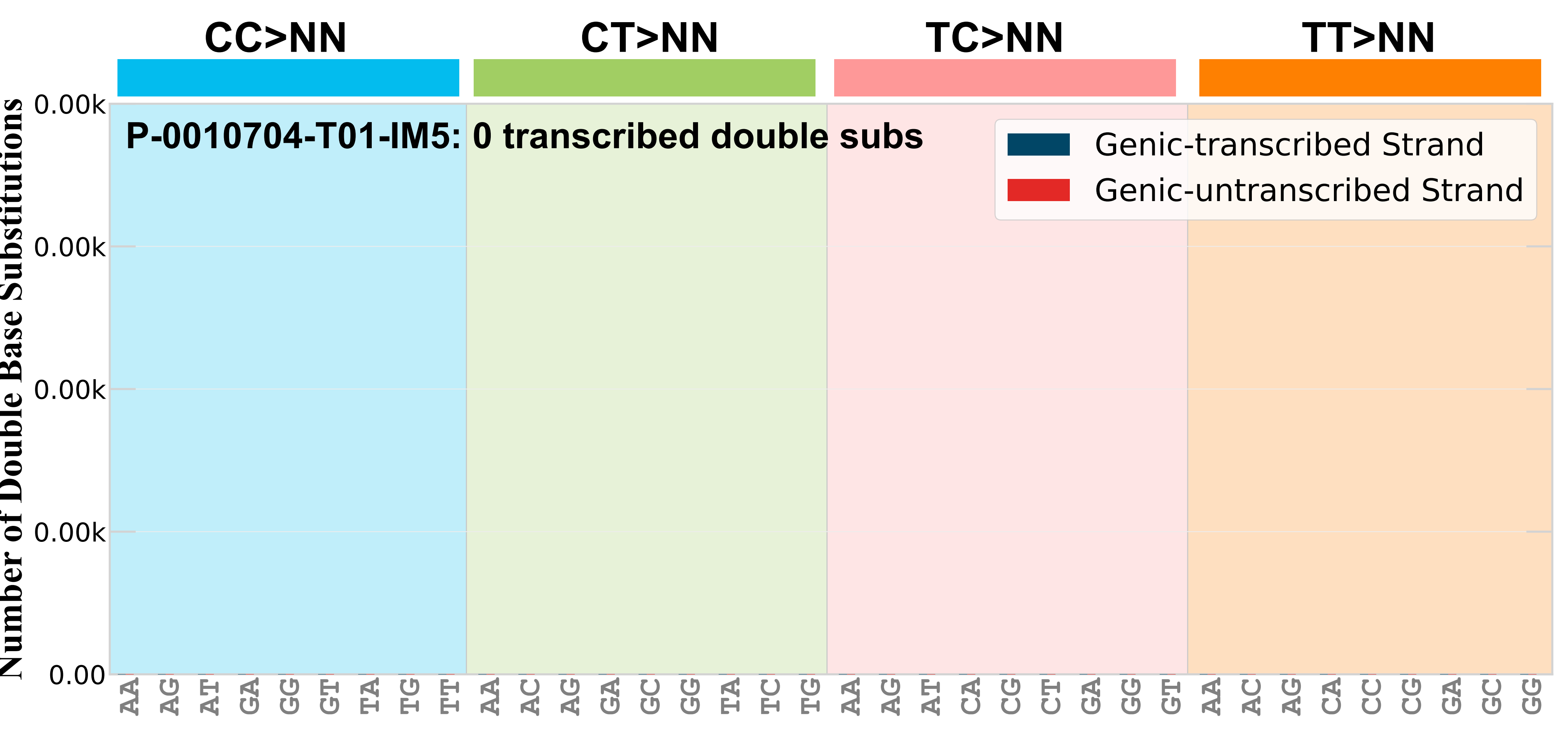
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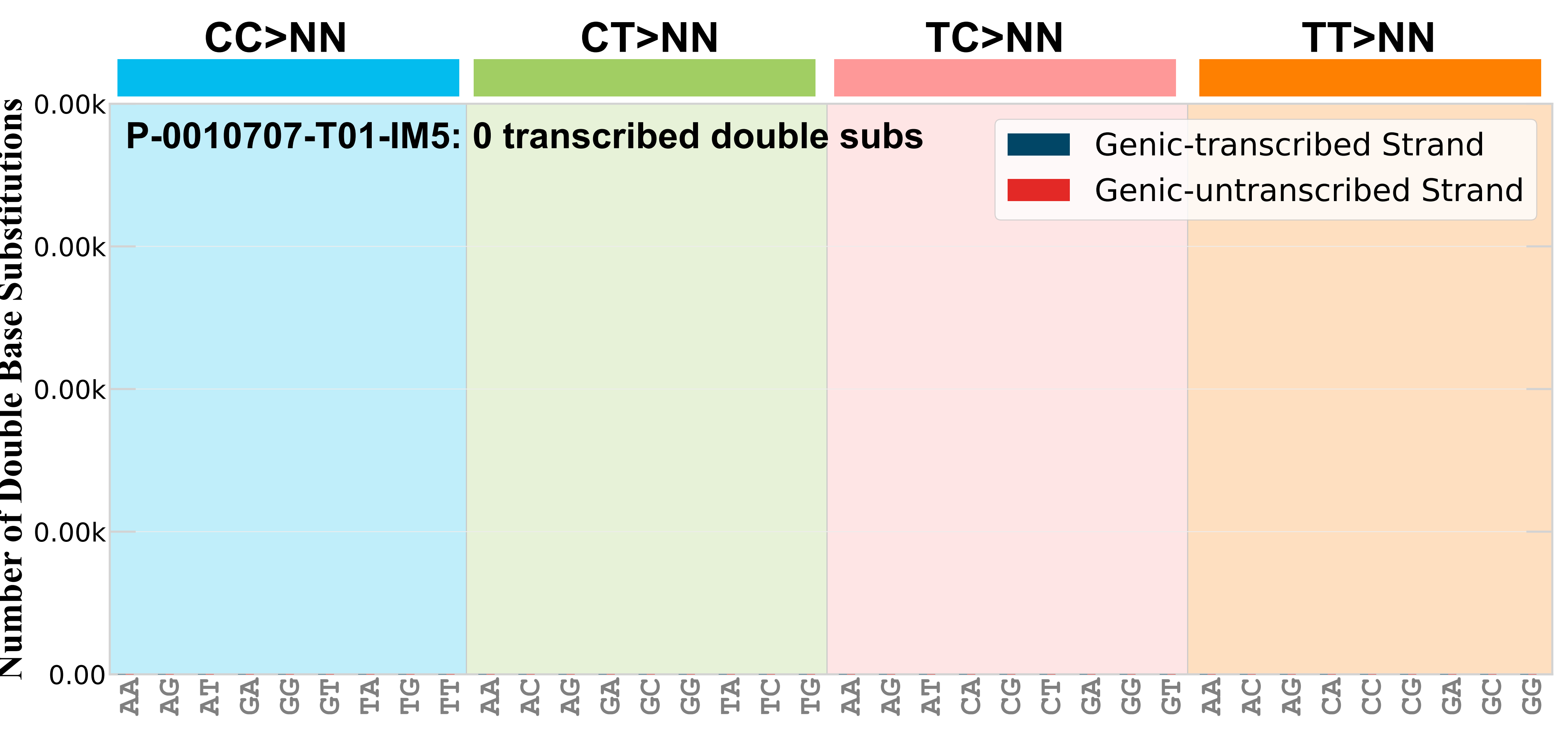




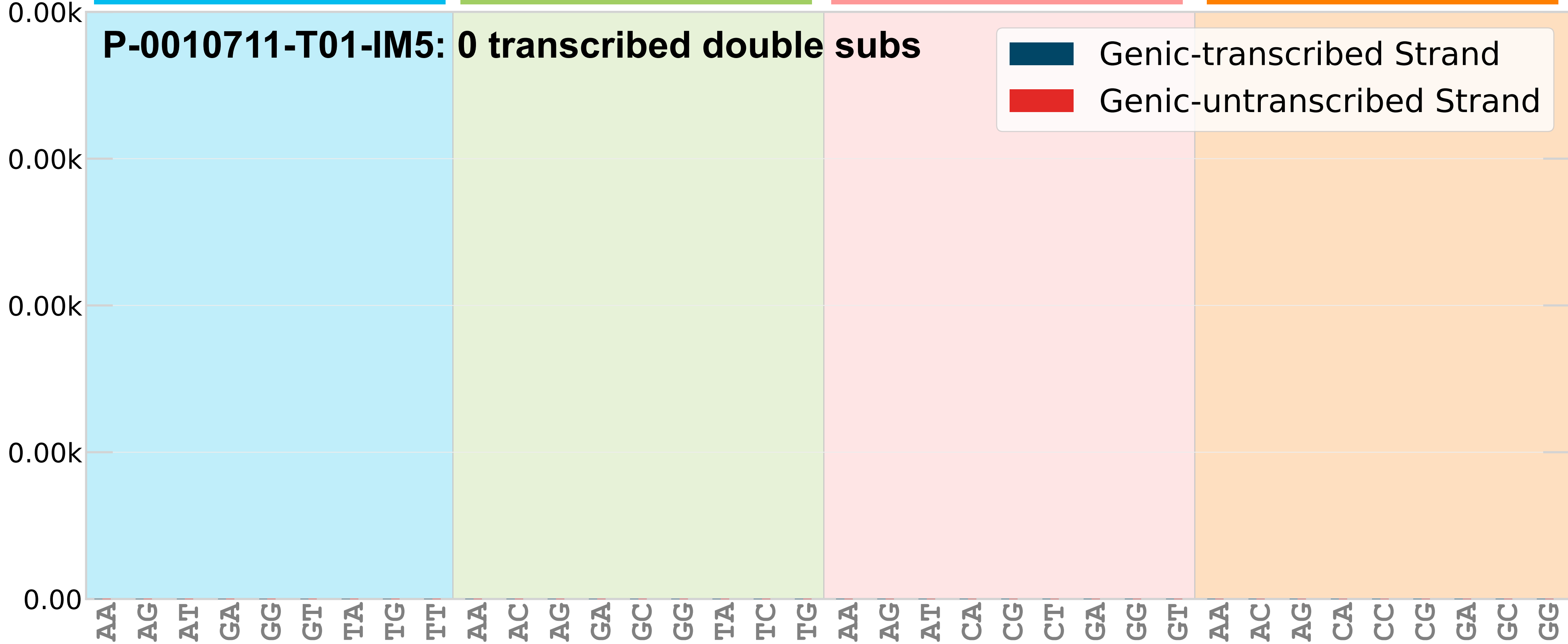






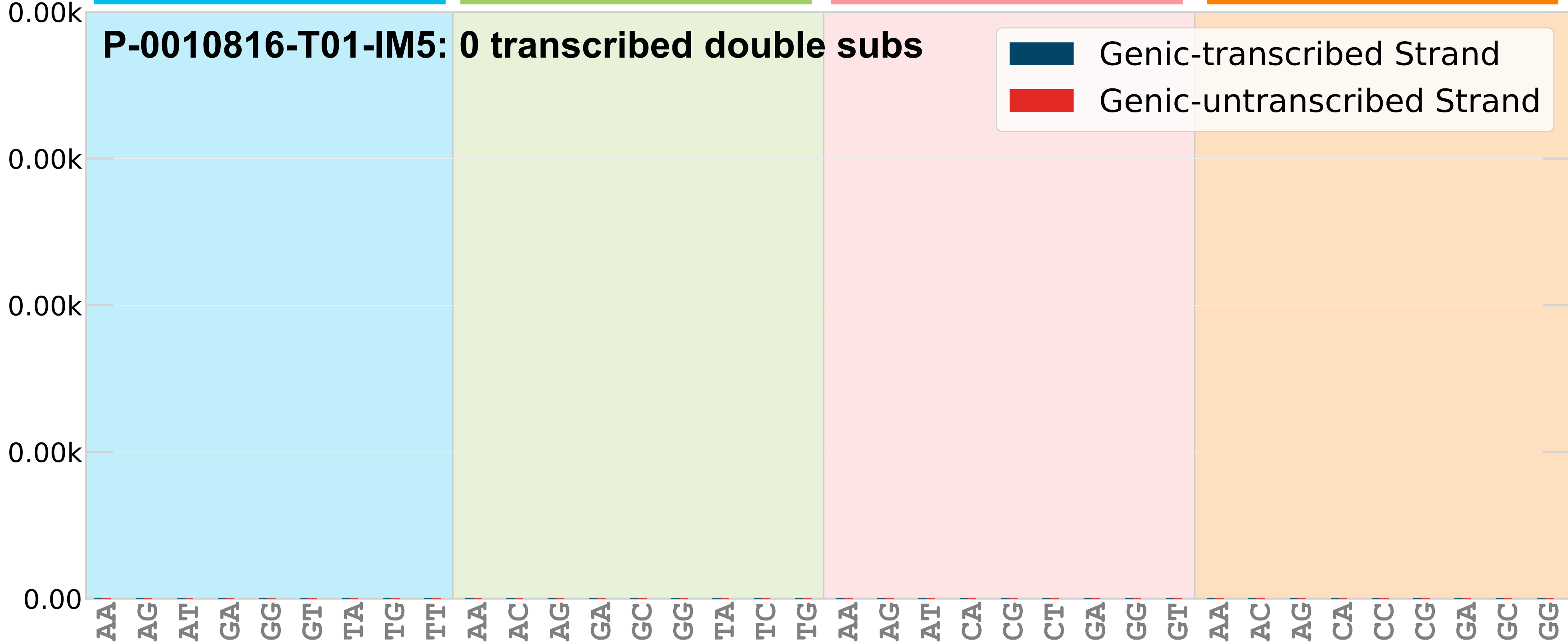


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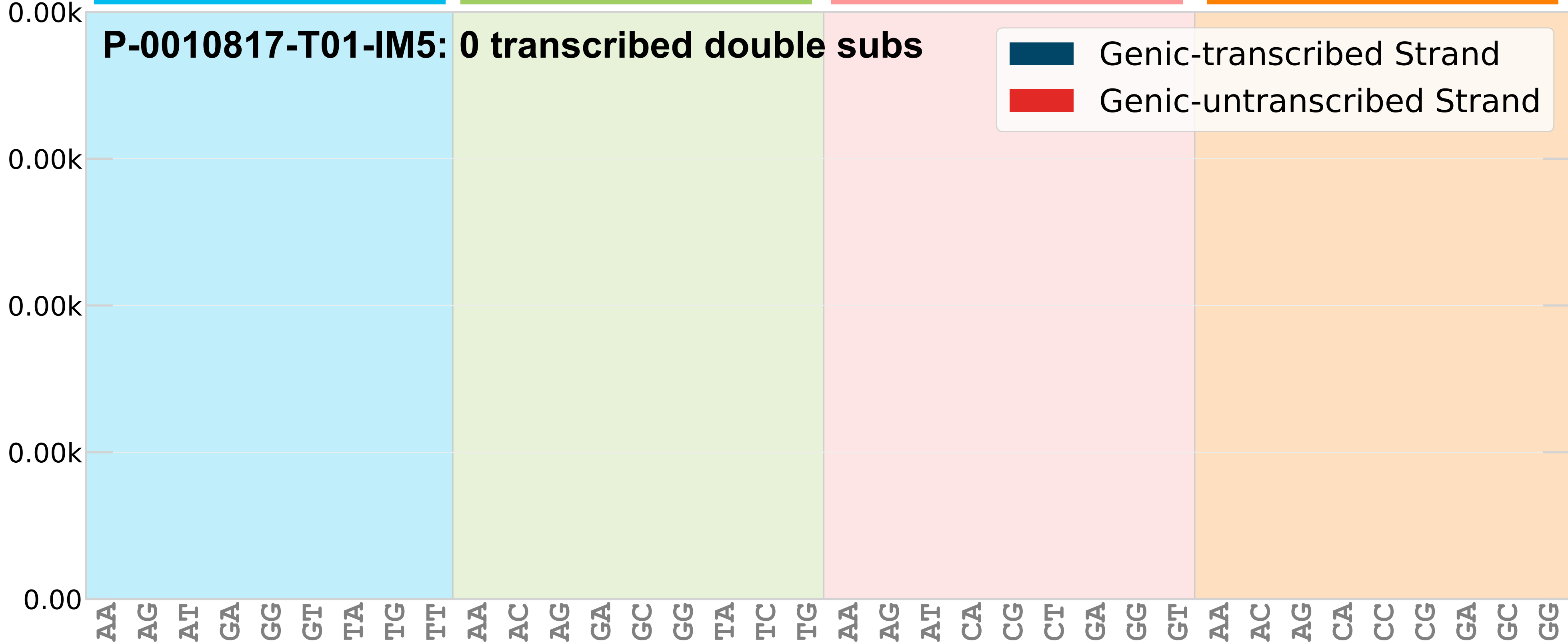




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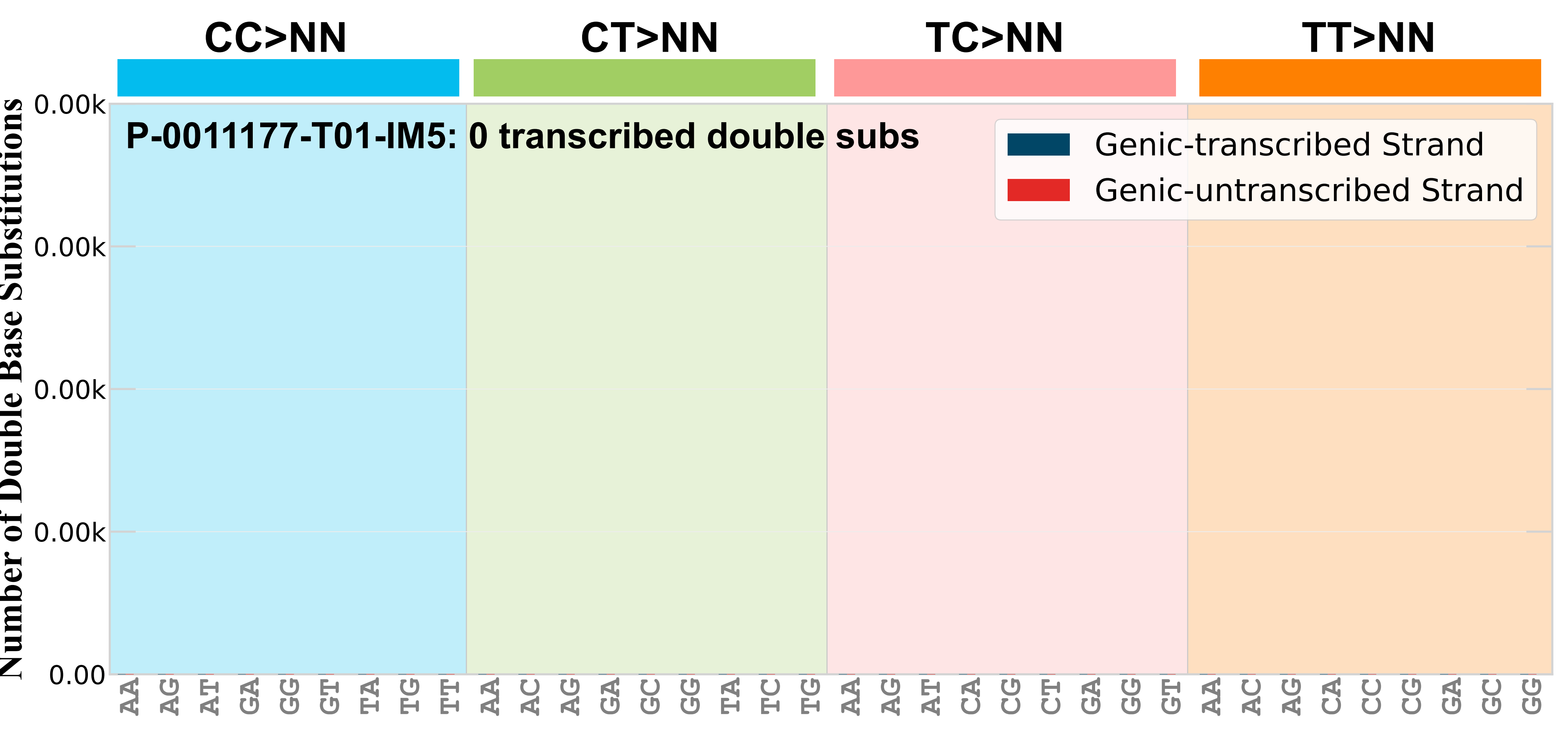


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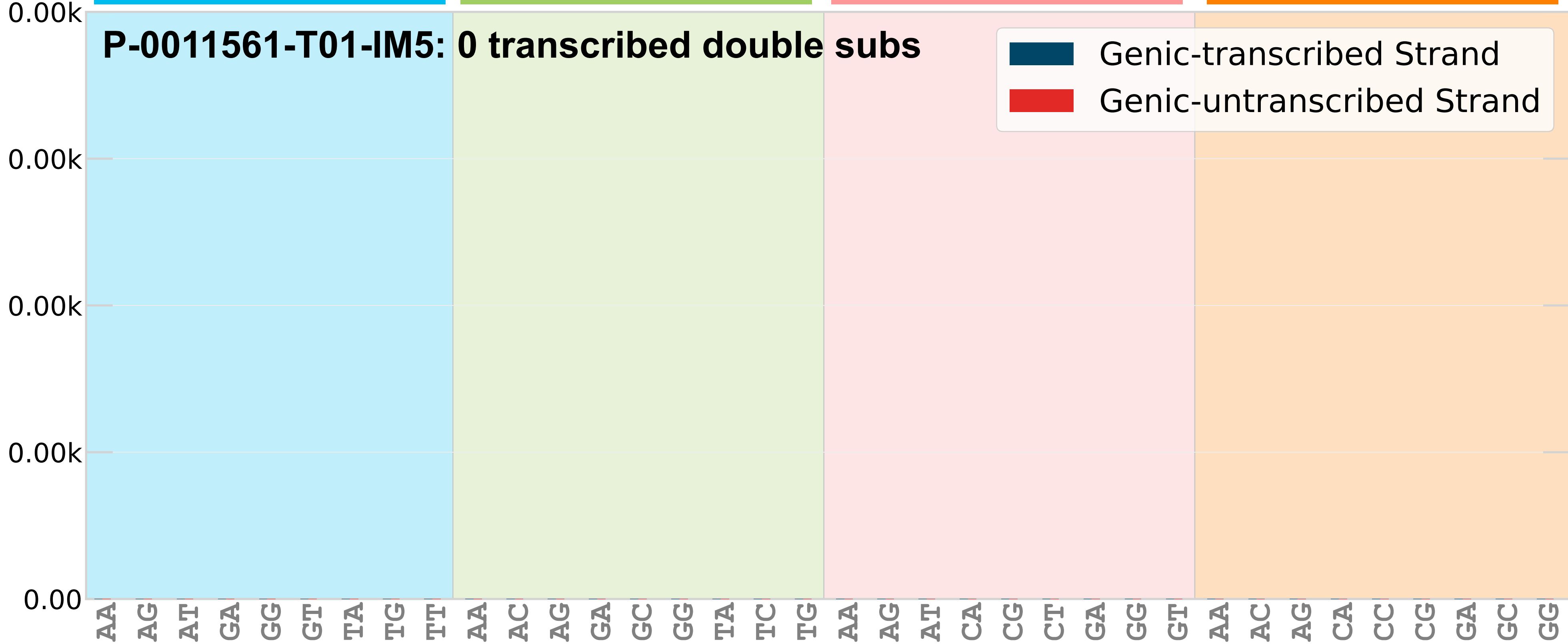


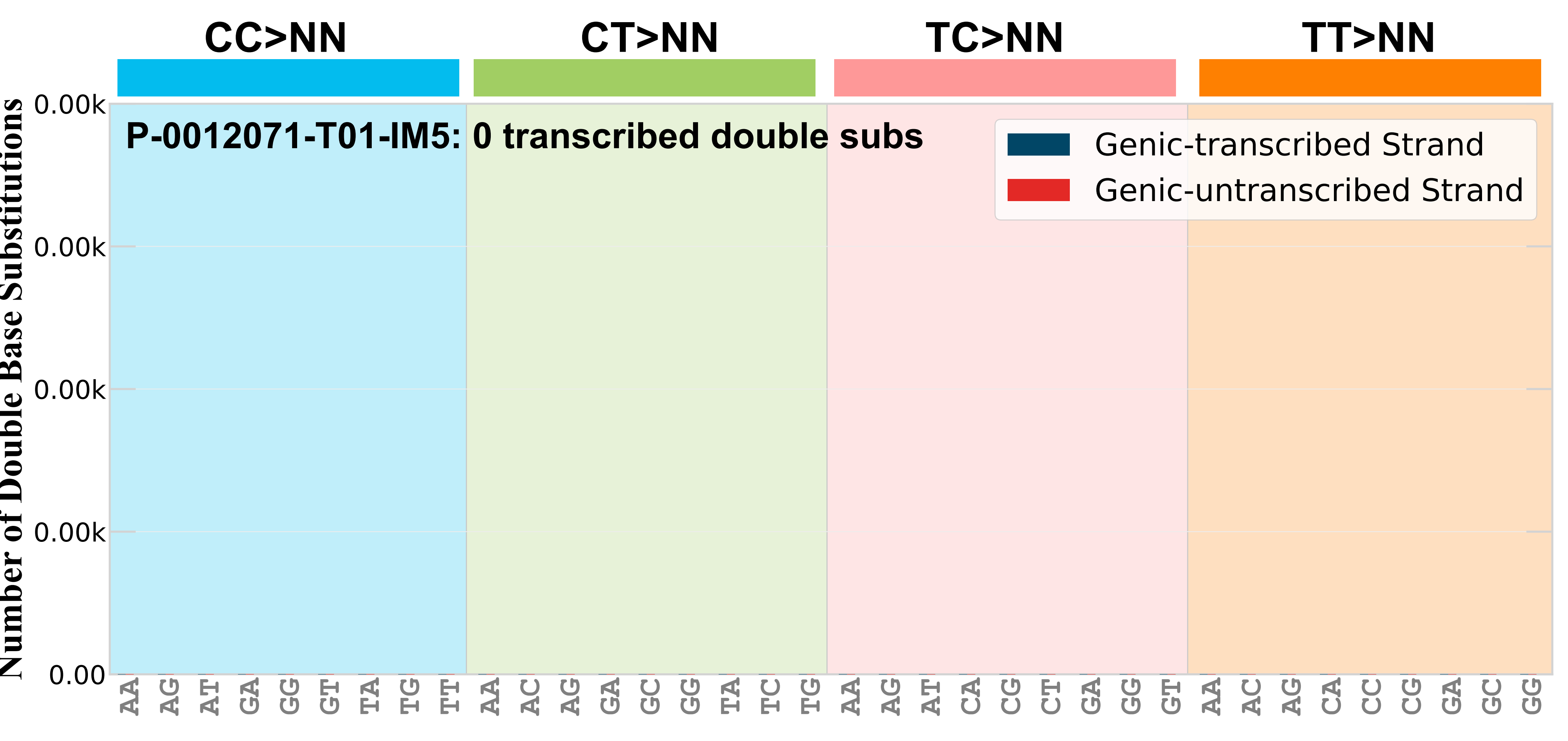






# TT>NN





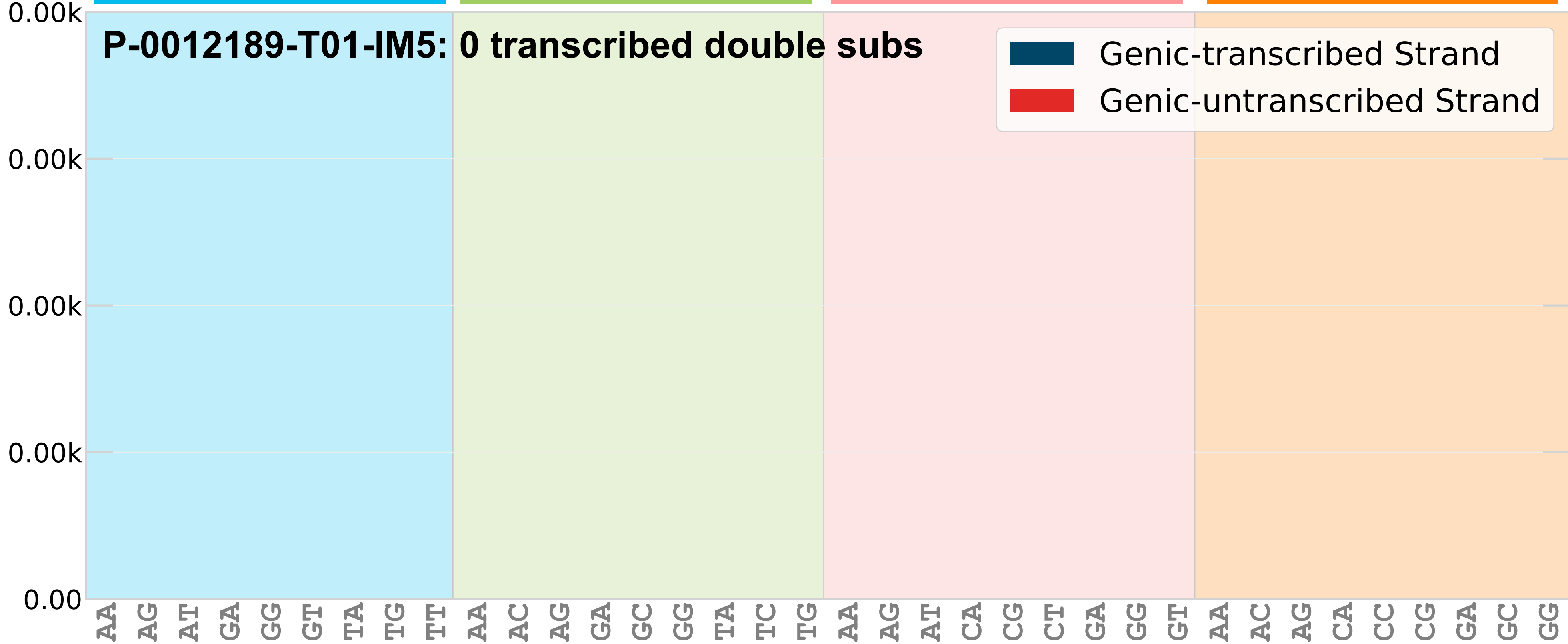


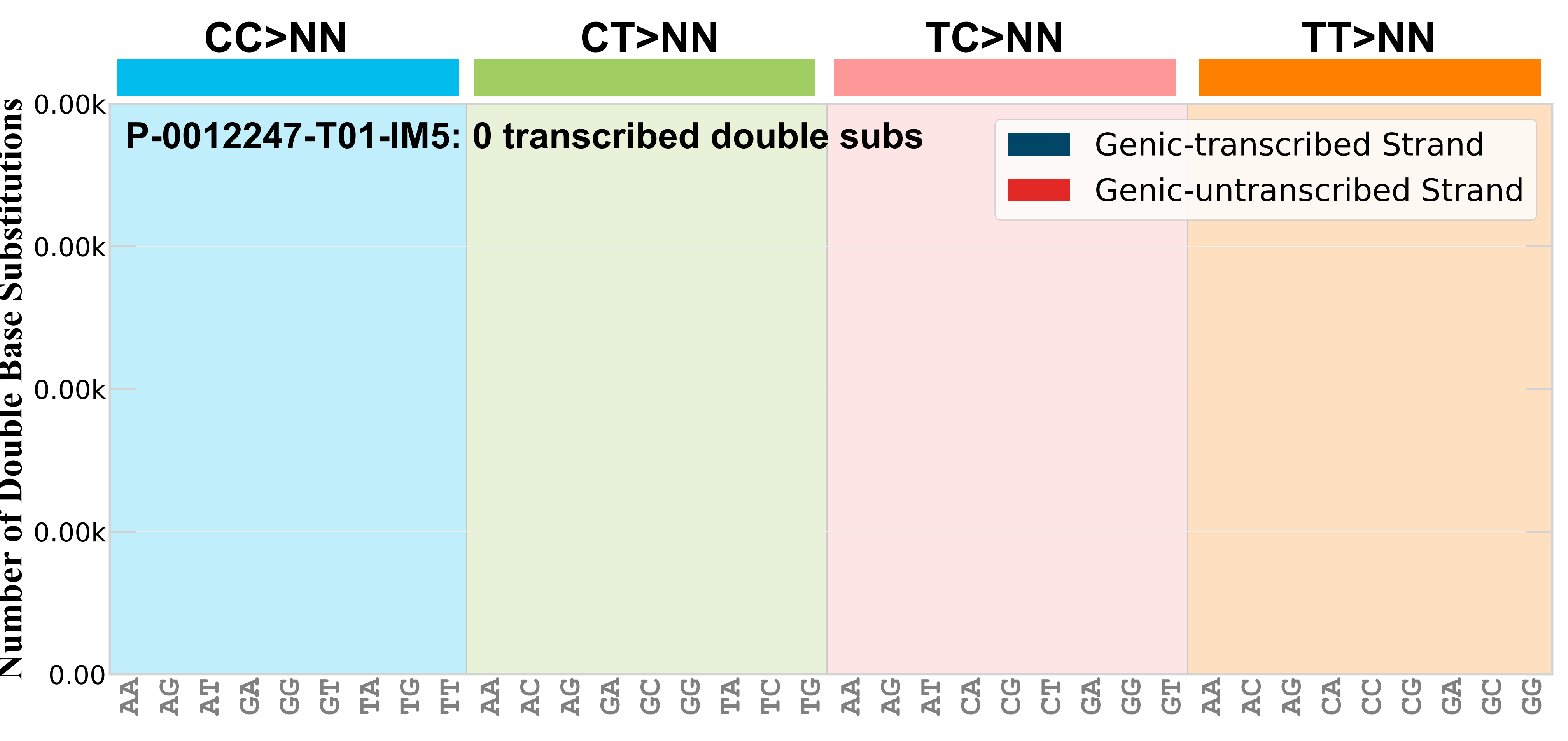






**TT>NN**







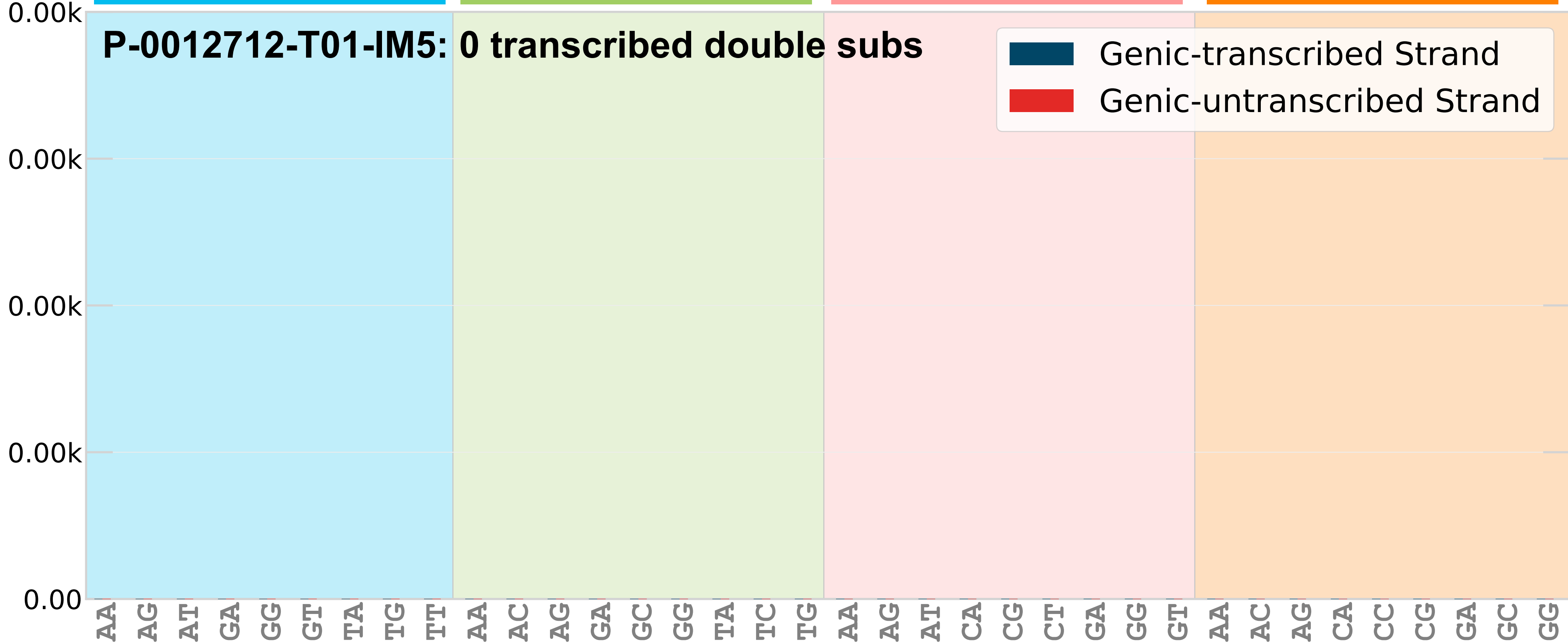




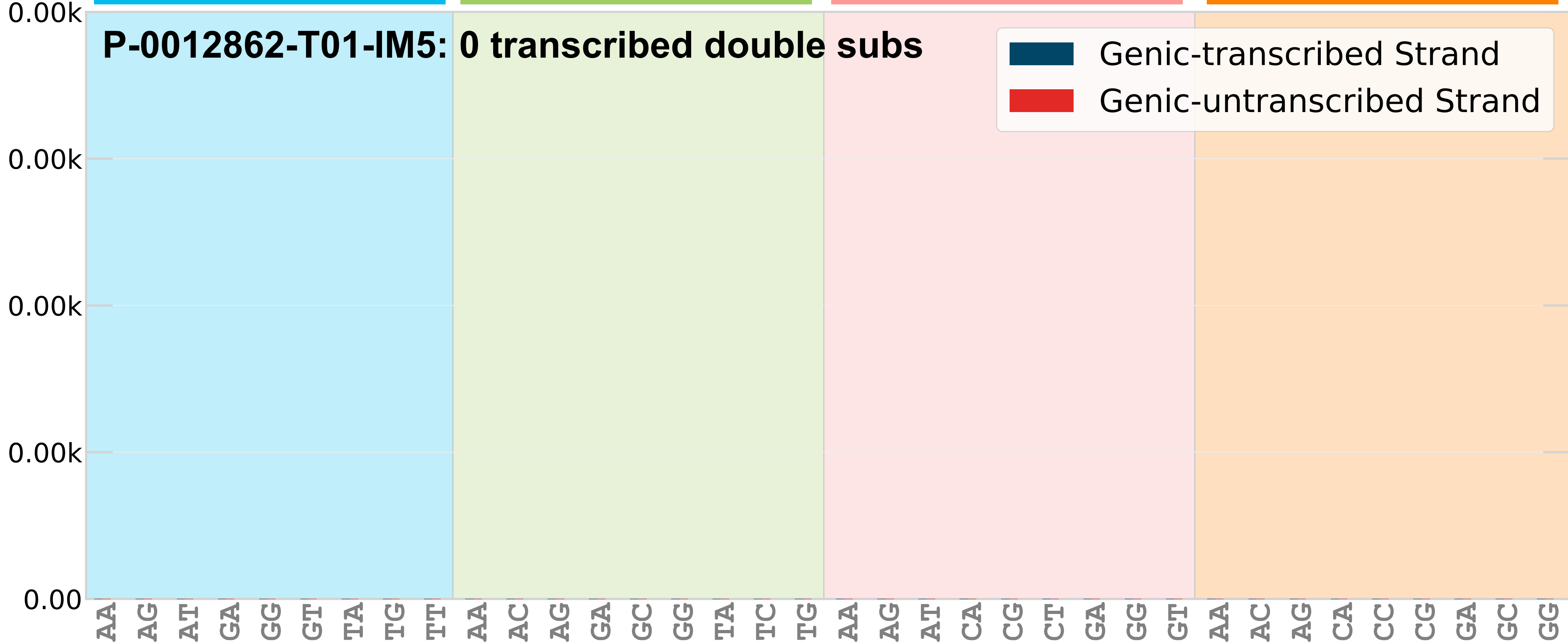




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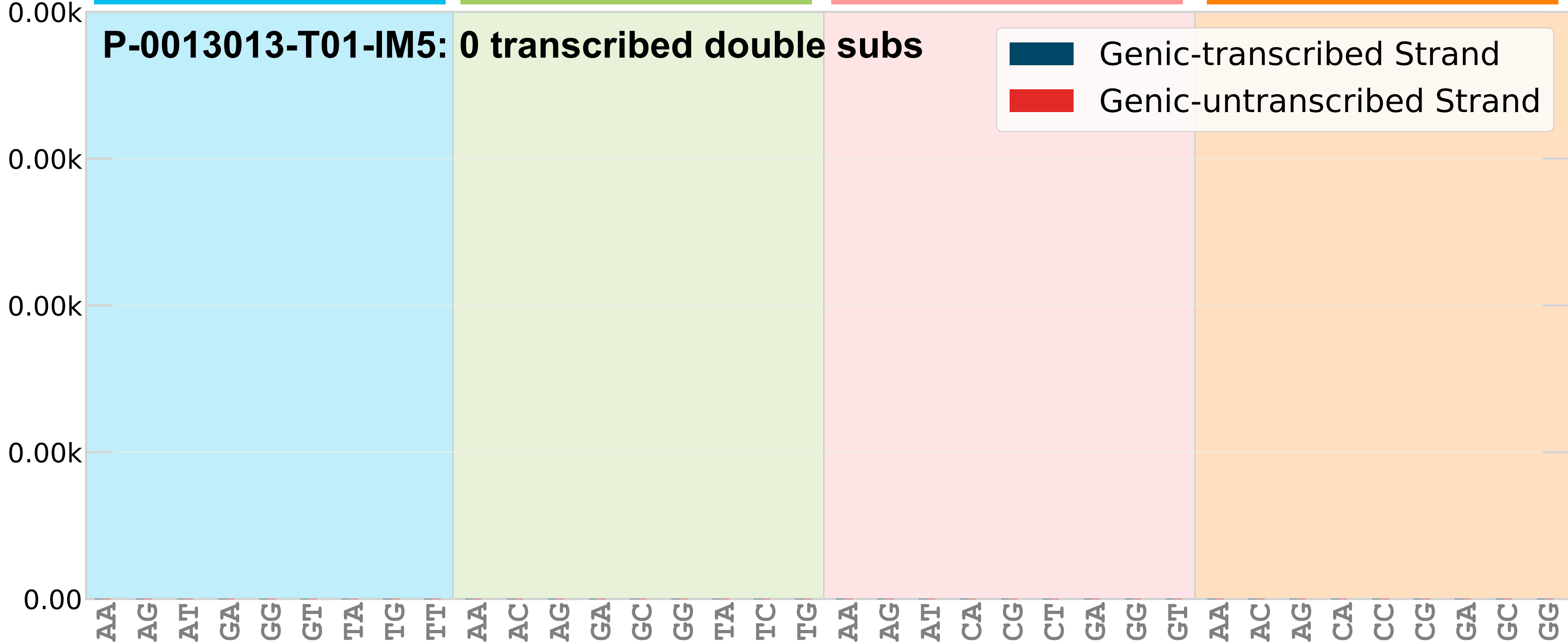


**TT>NN**

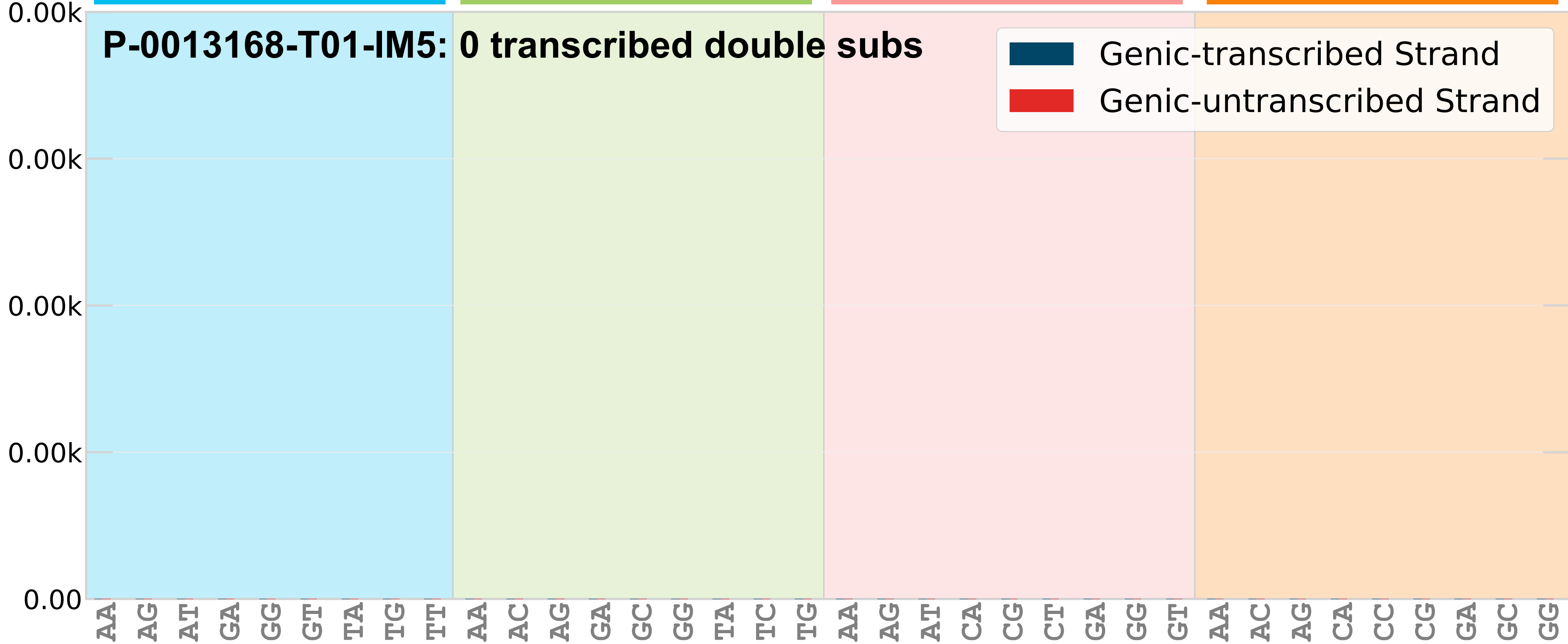




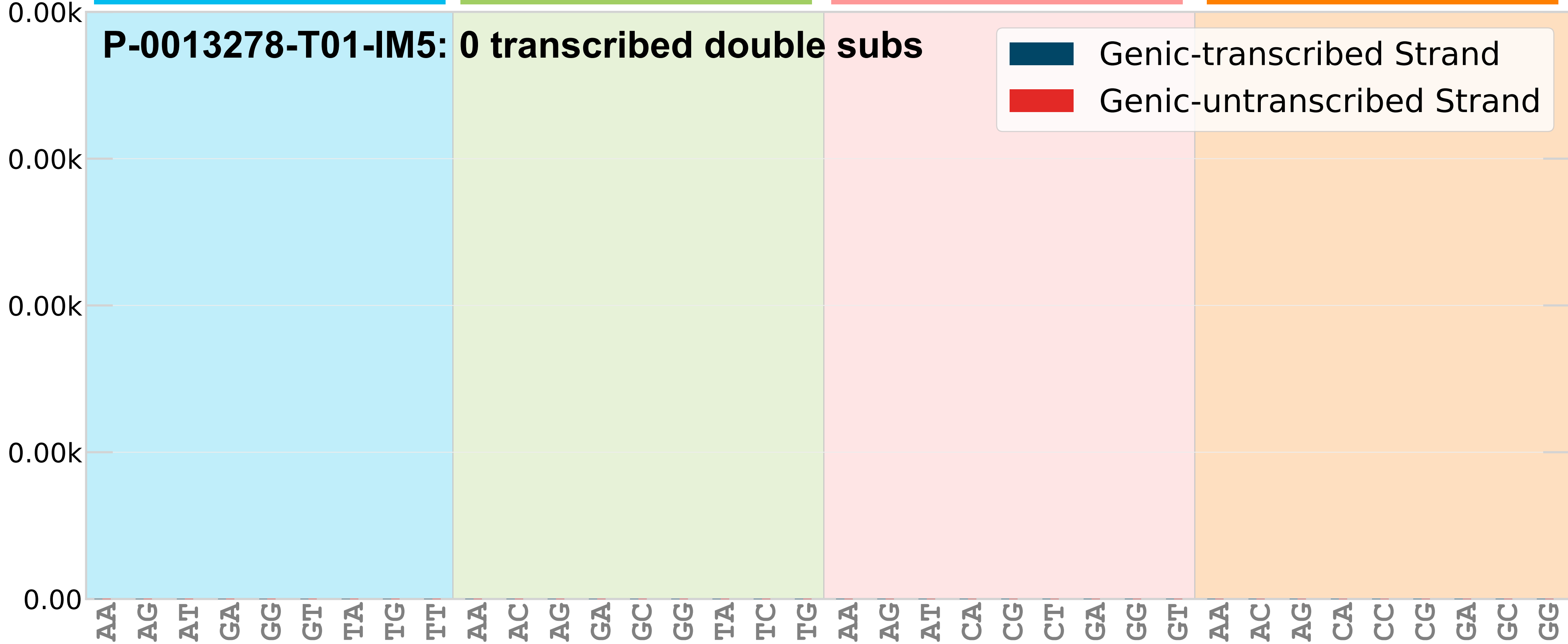
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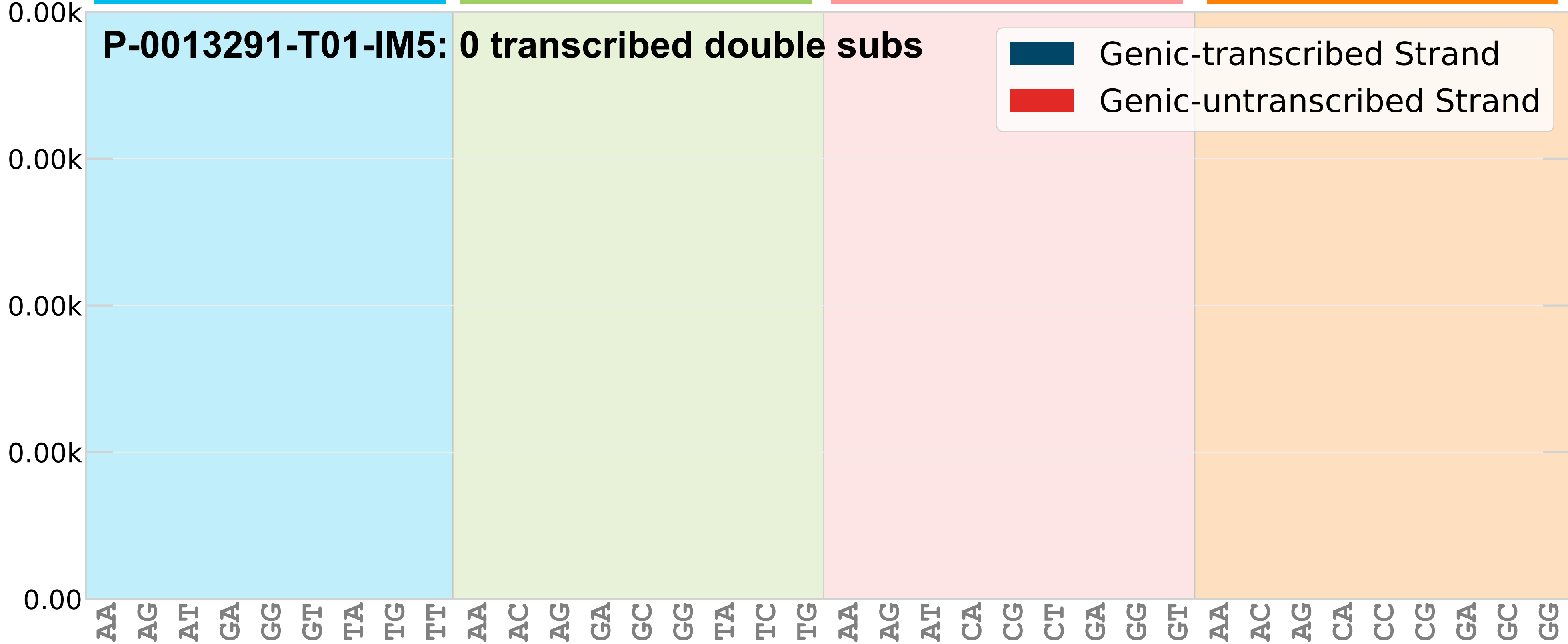
# TT>NN



# TT>NN



# TT>NN

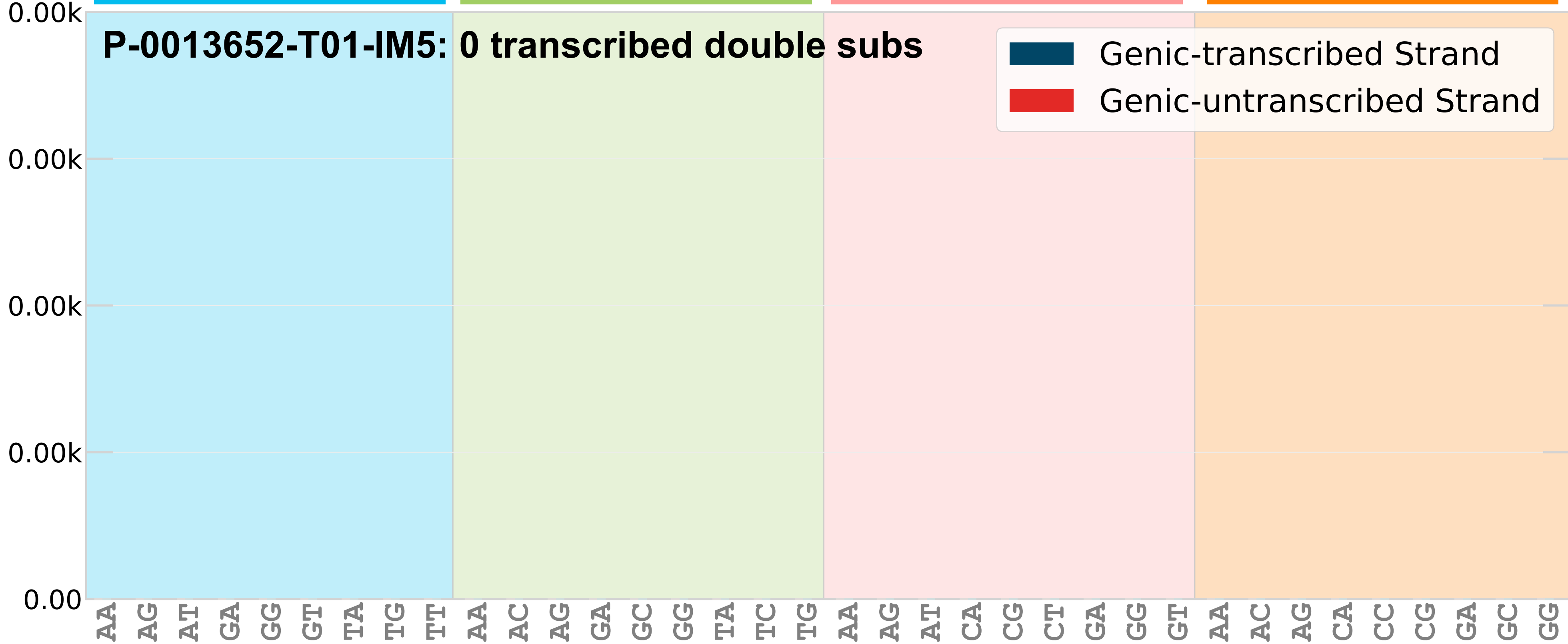








**TT>NN**



Number of Double Base Substitutions

CC>NN

CT>NN

TC>NN

TT>NN

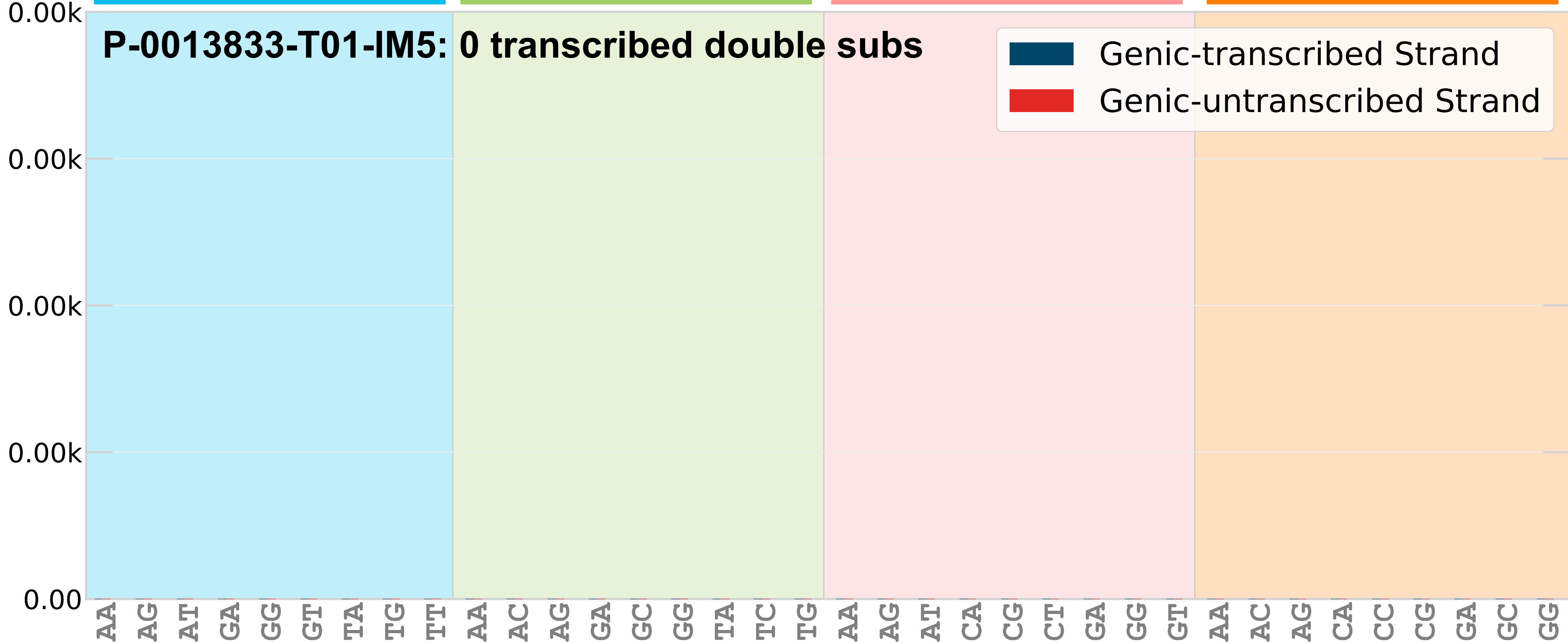
P-0013753-T01-IM5: 0 transcribed double subs

Genic-transcribed Strand

Genic-untranscribed Strand

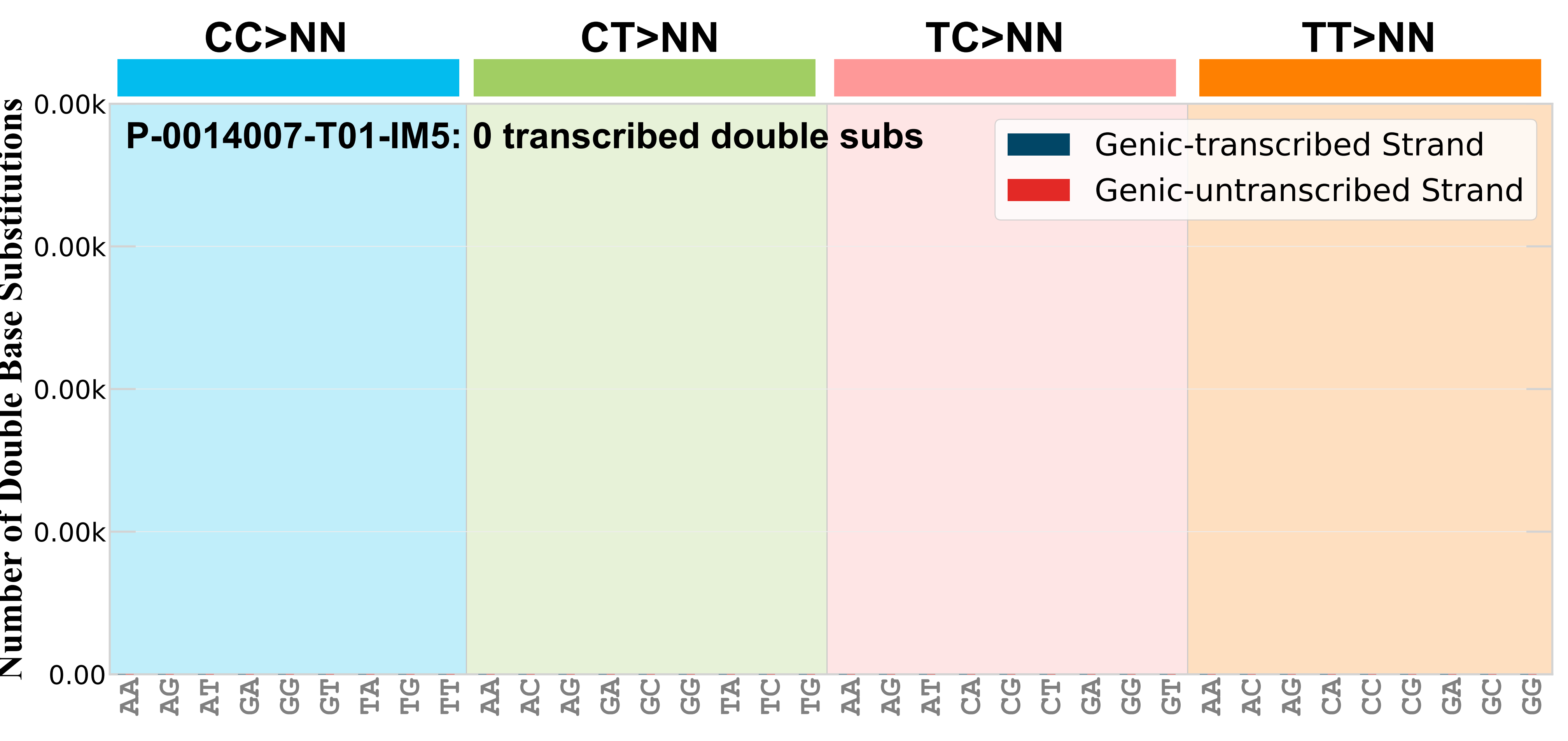
AA AG AT GA GG GT TA TG TT AA AC AG GA GC GG TA TC TG AA AG AT CA CG CT GA GG GT AA AC AG CA CC CG GA GC GG

**TT>NN**



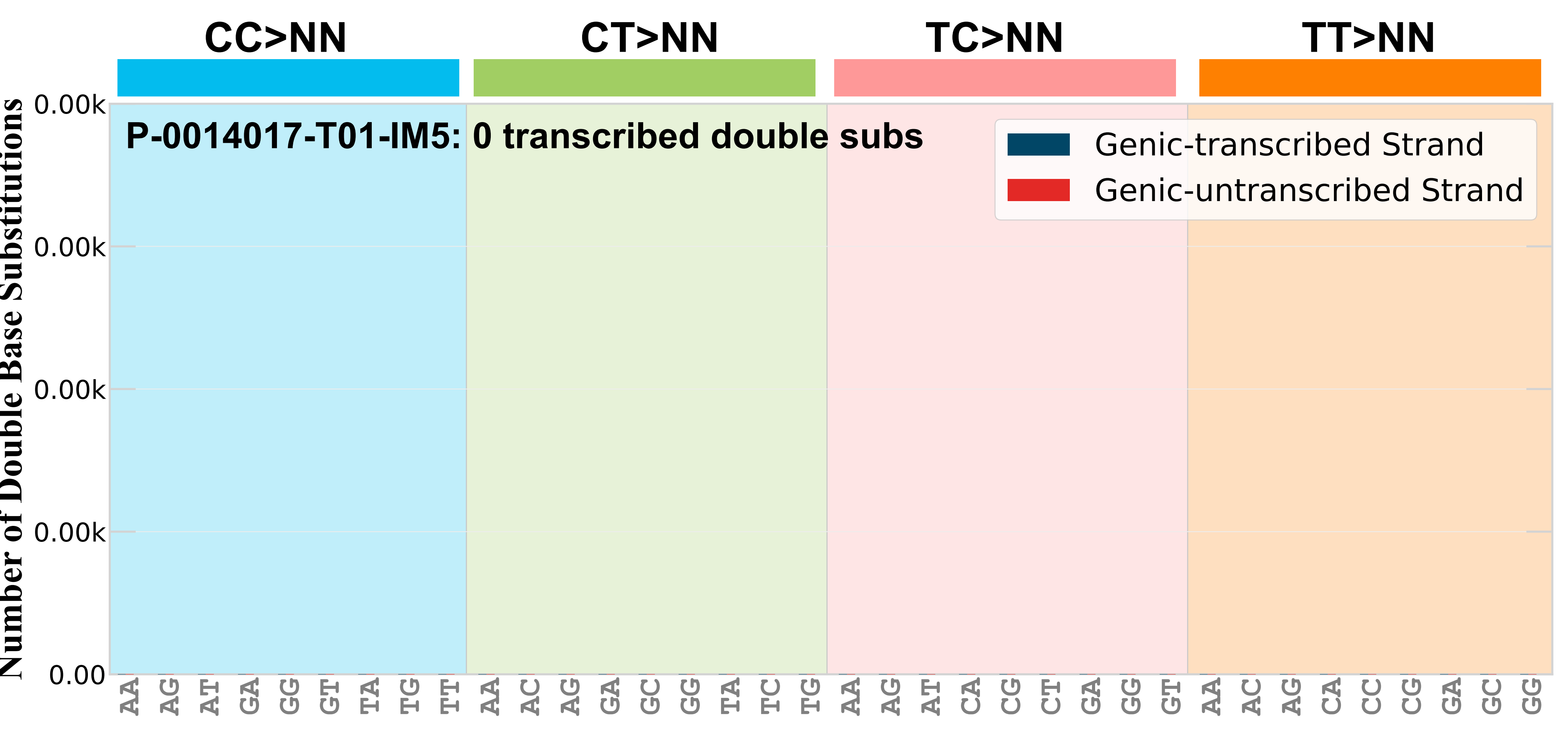










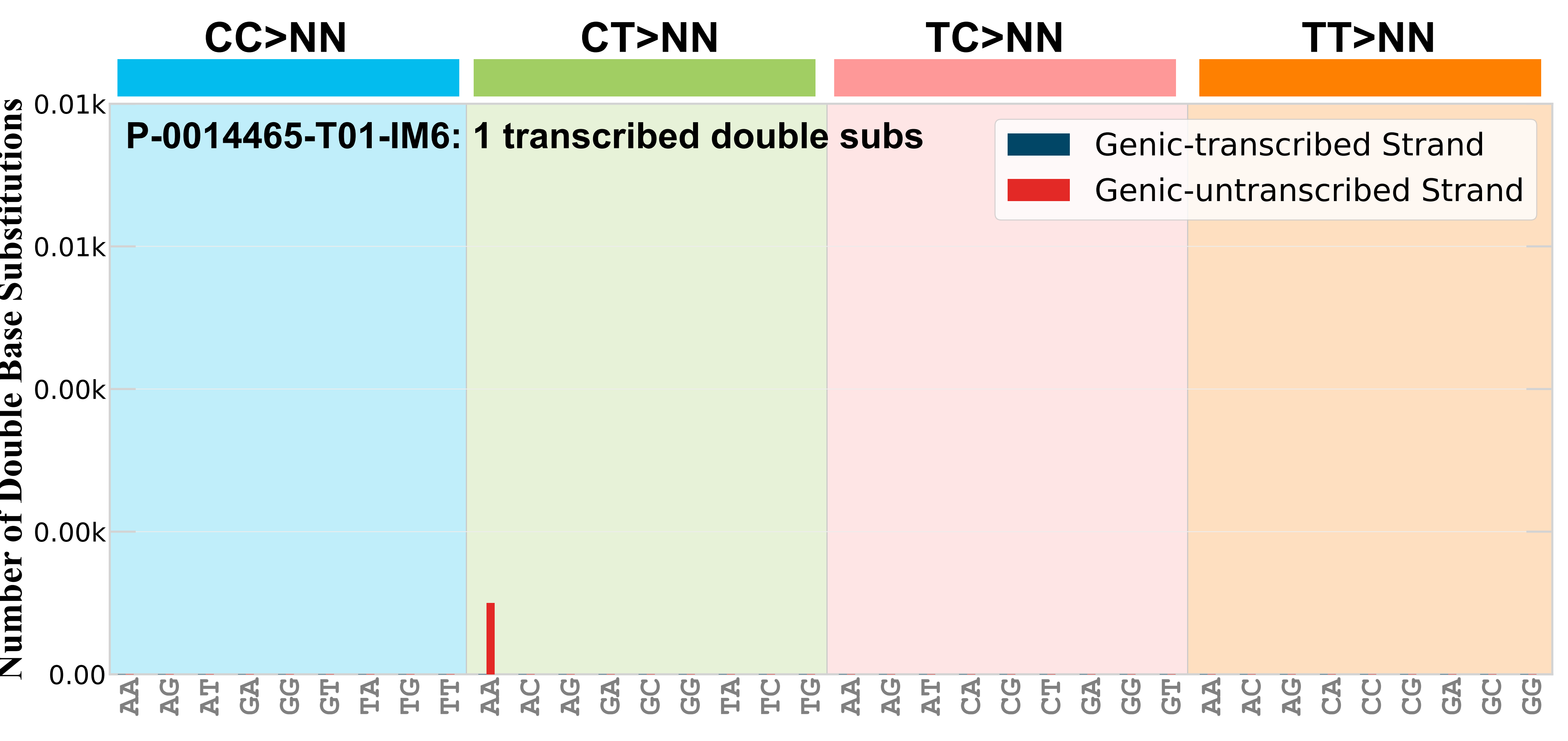












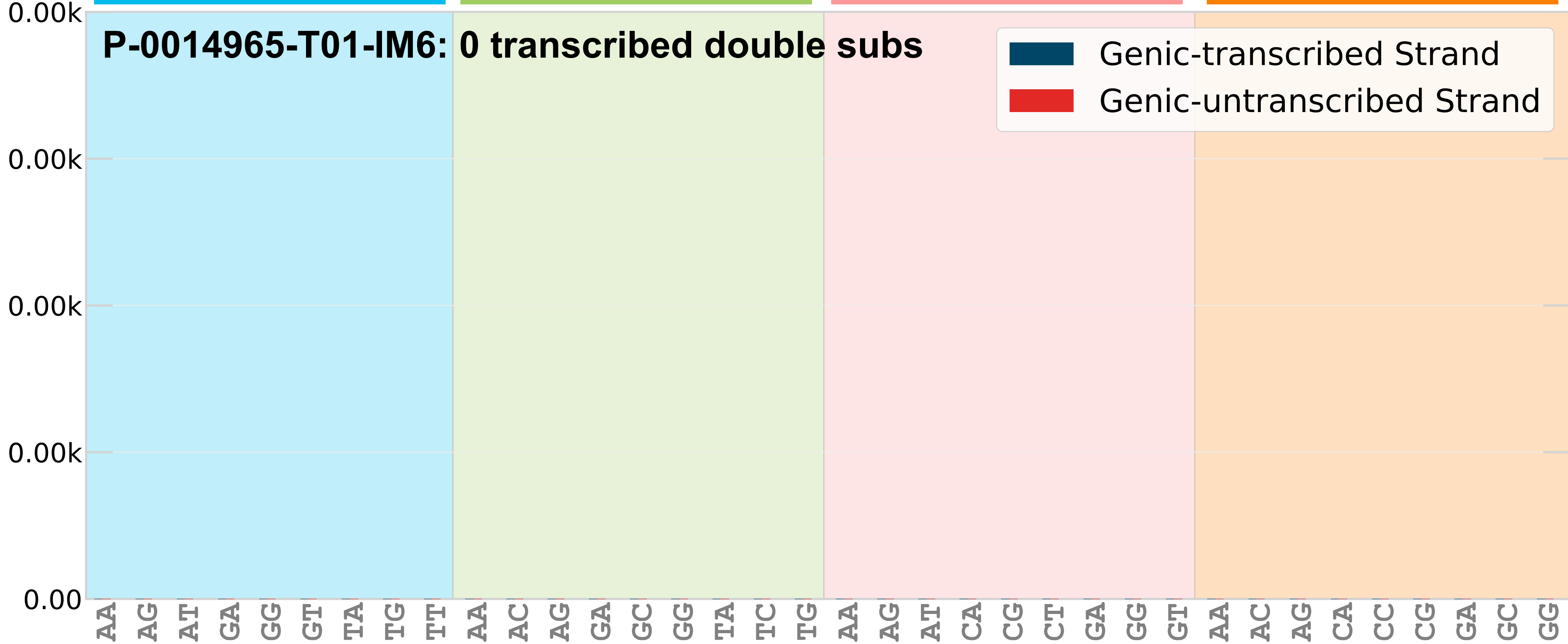




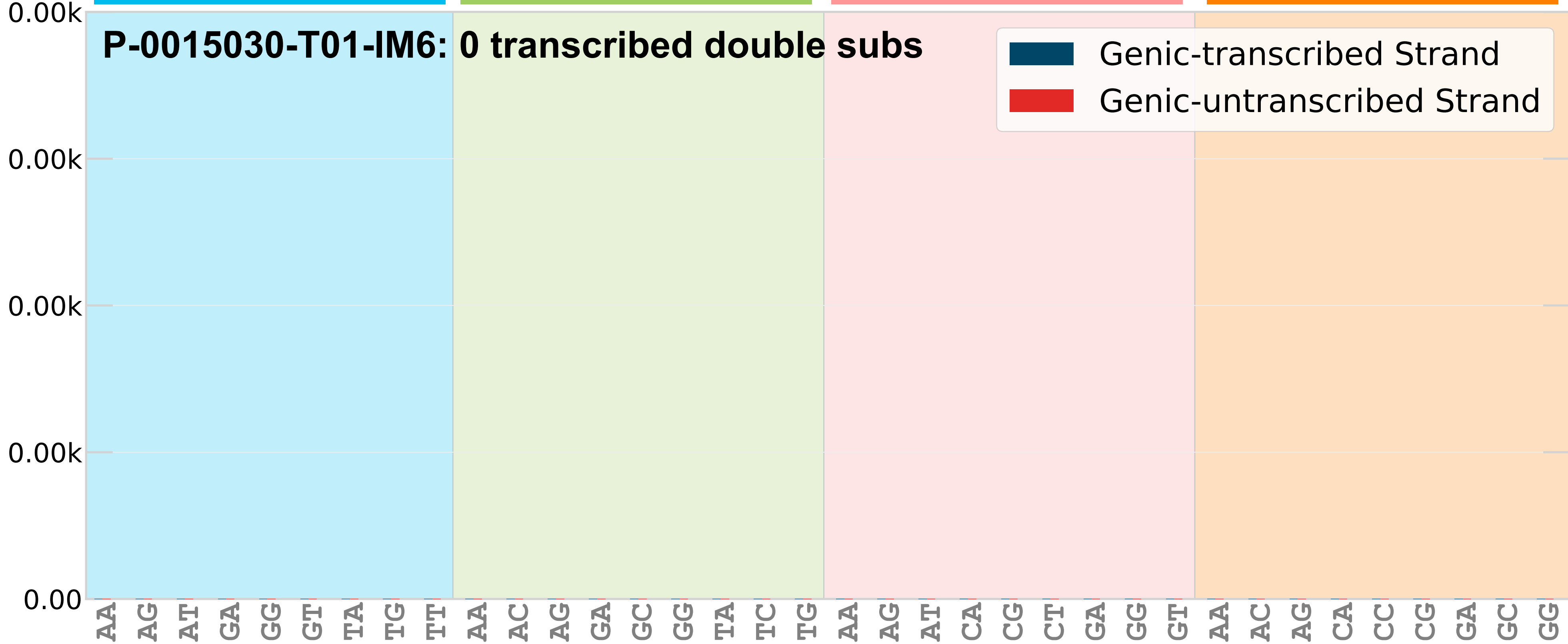




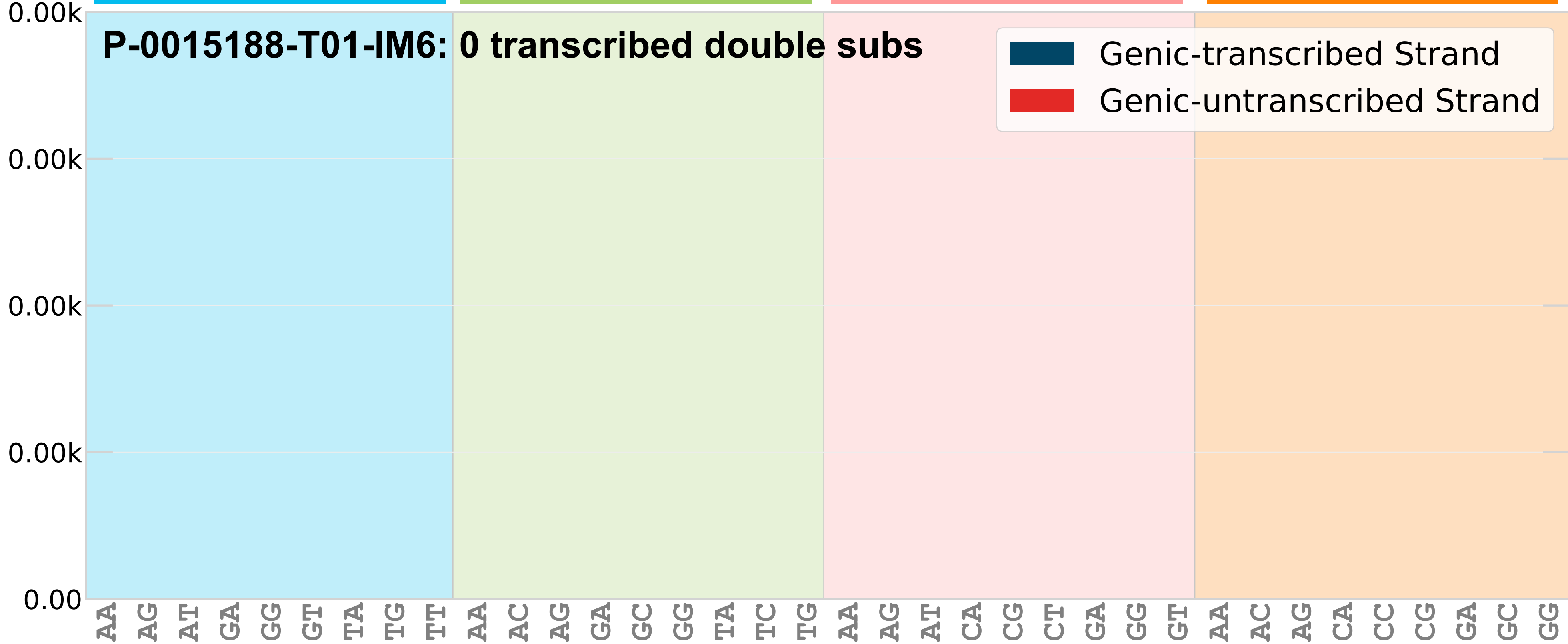
**TT>NN**



**TT>NN**



**TT>NN**

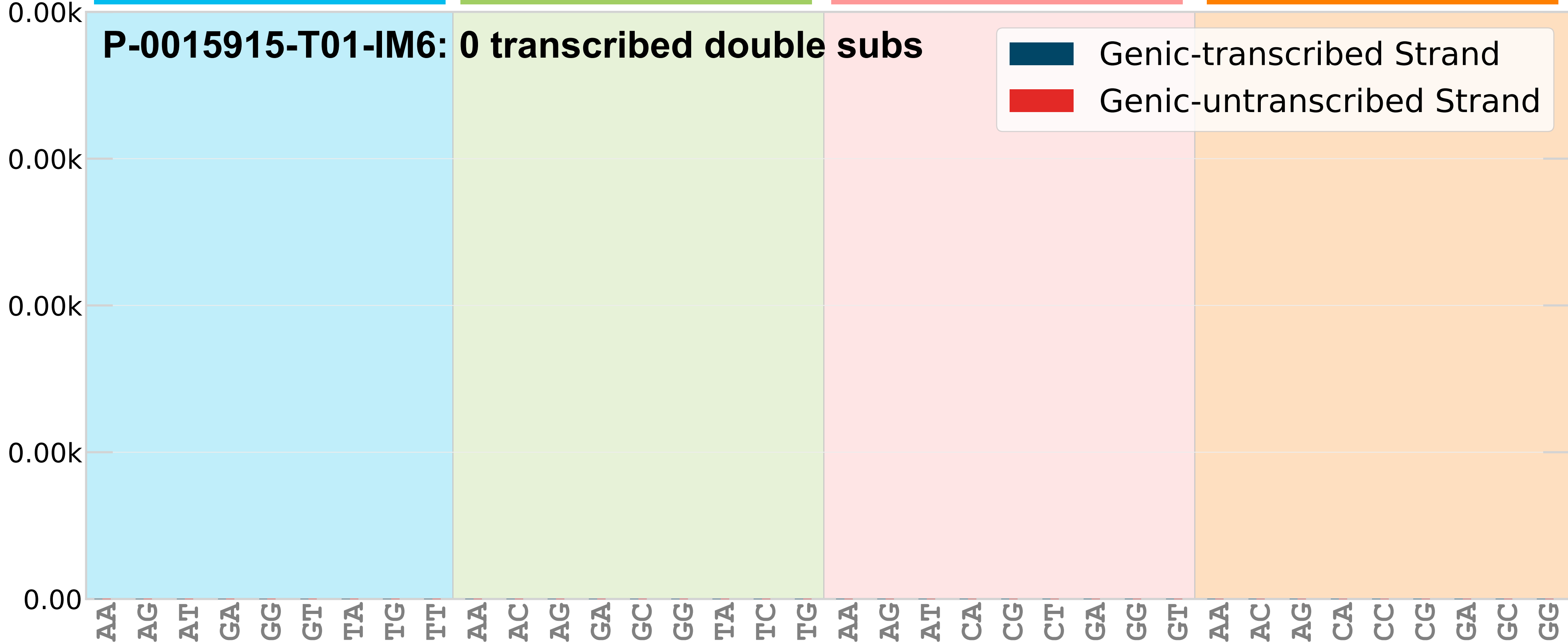






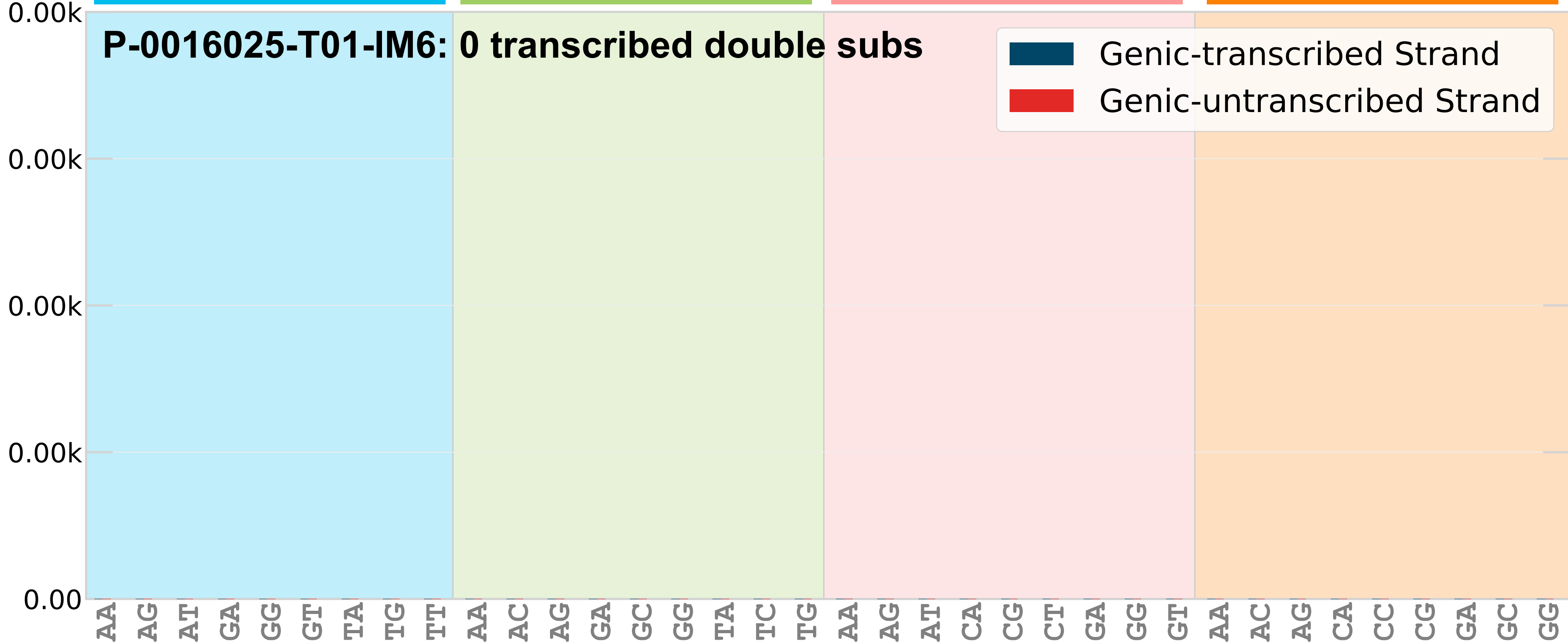


# TT>NN

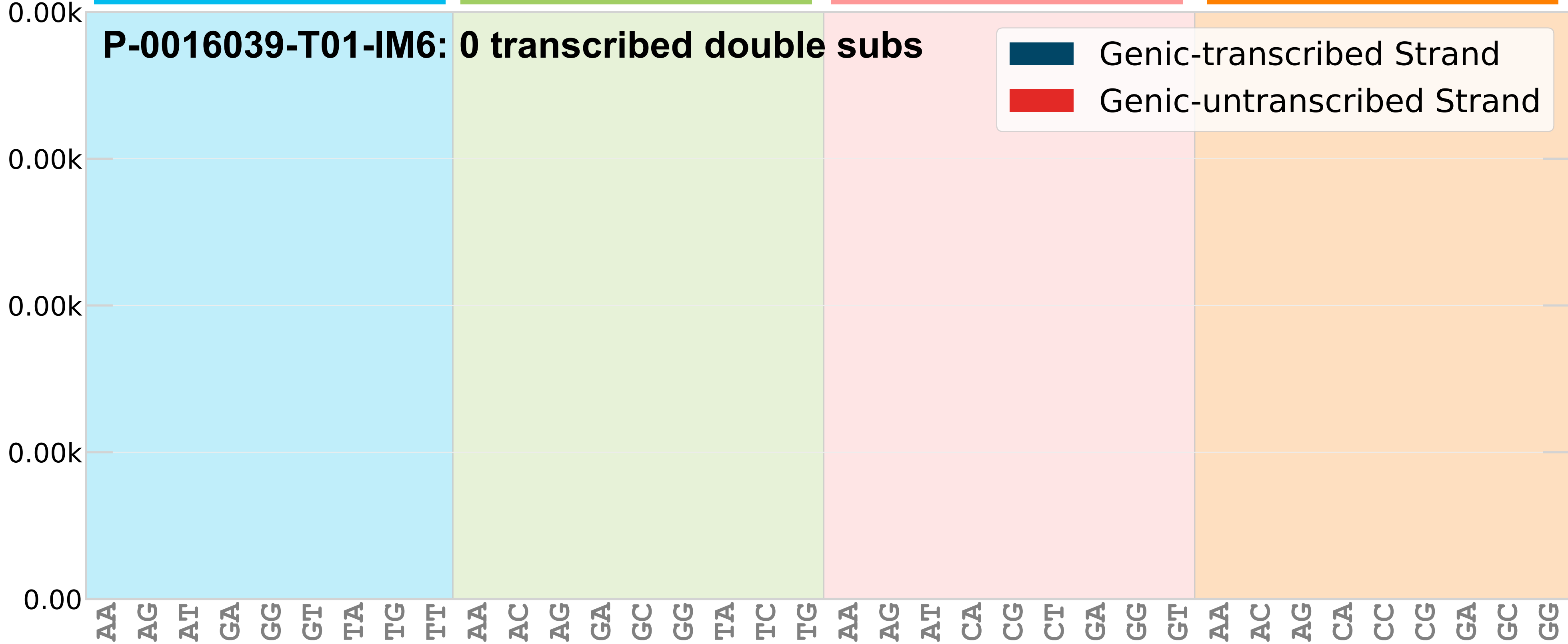




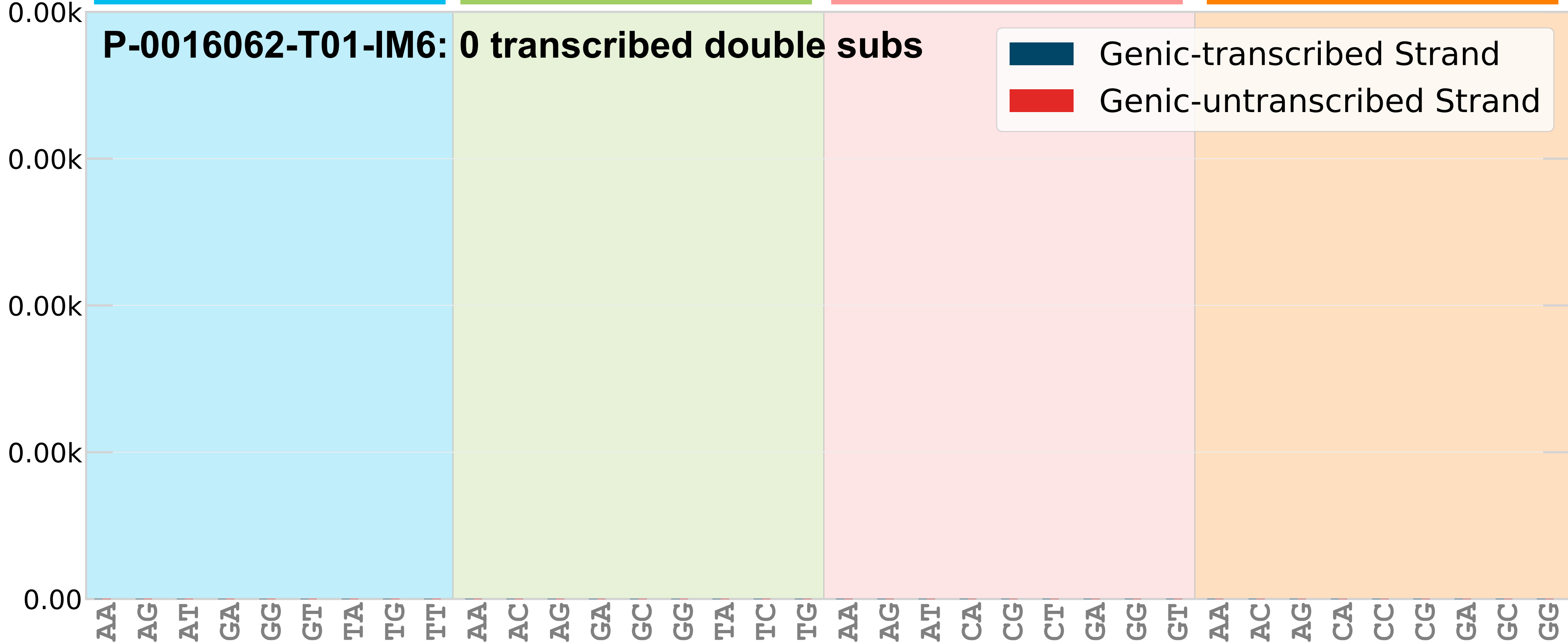
**TT>NN**



**TT>NN**

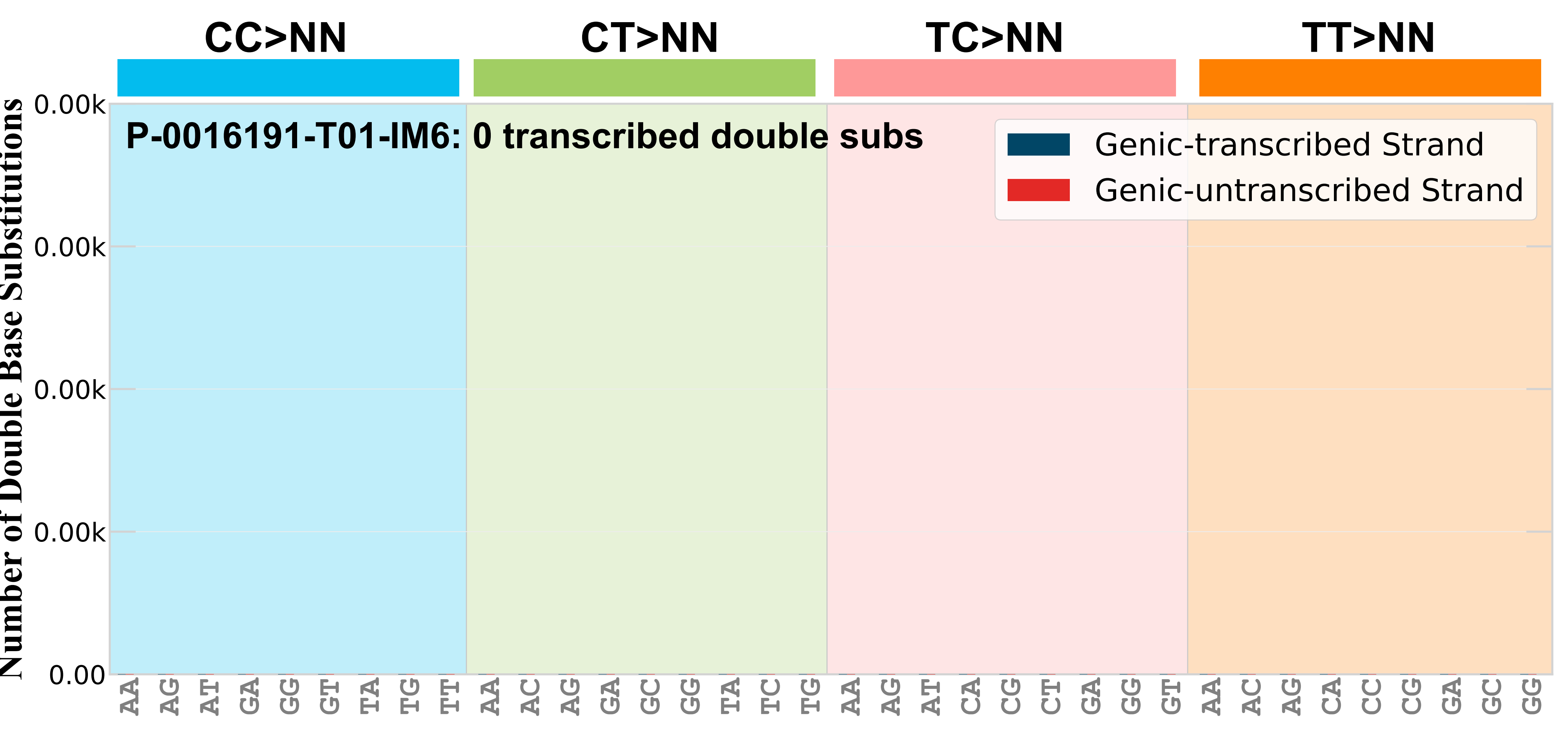


**TT>NN**

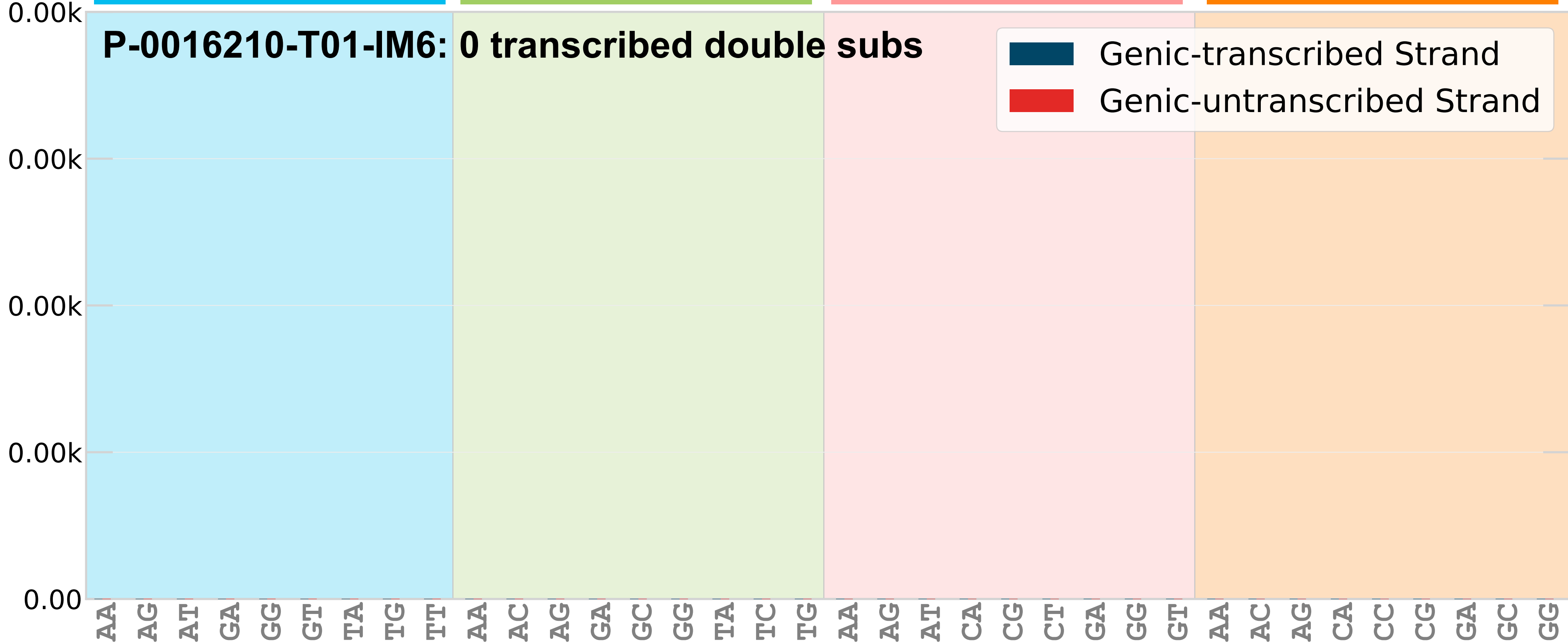




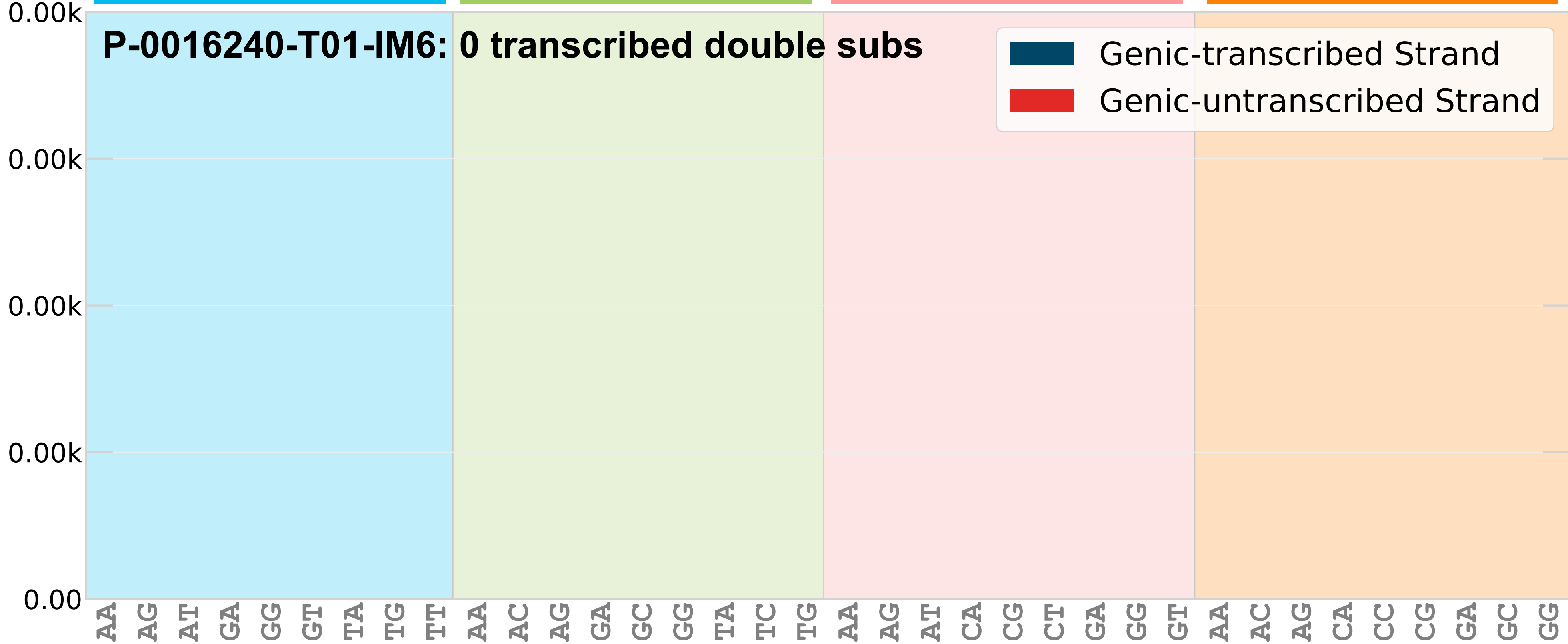




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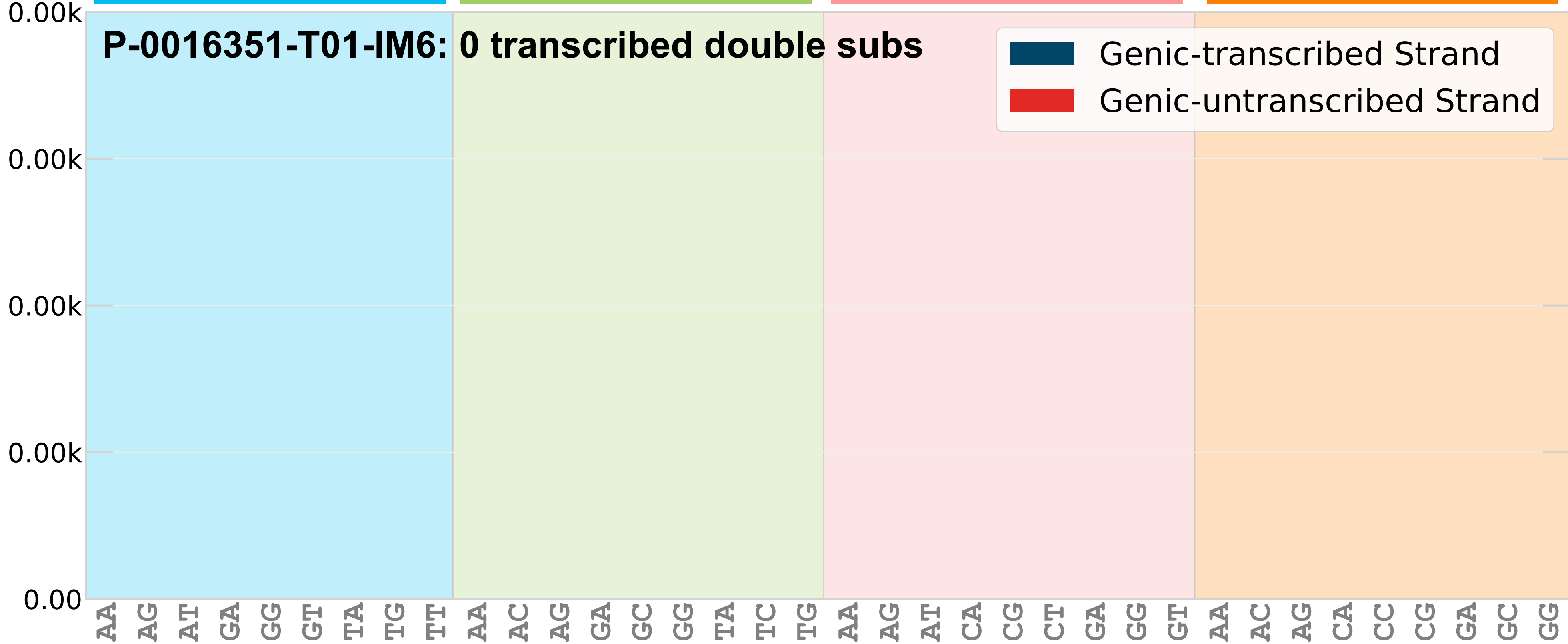


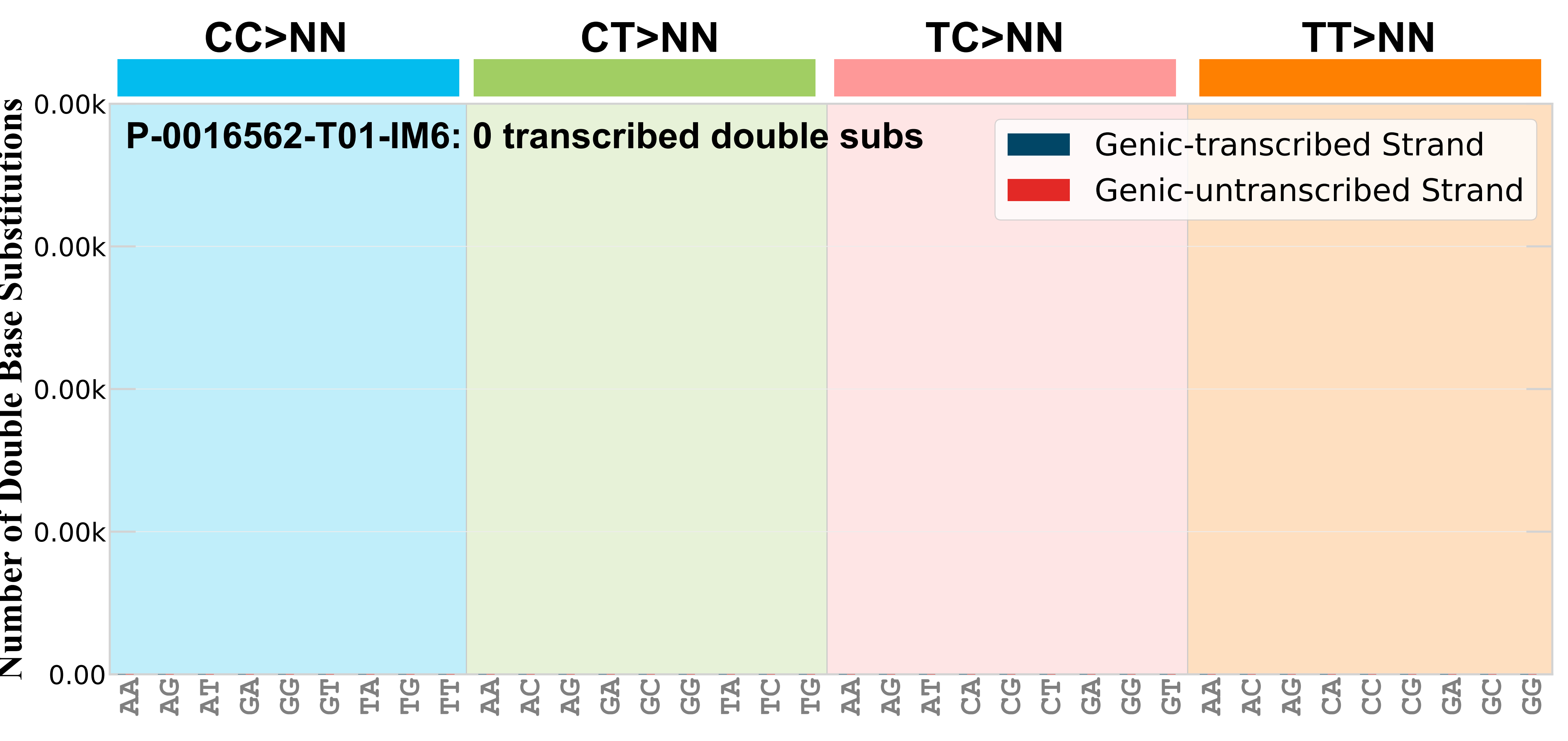
**TT>NN**





**TT>NN**

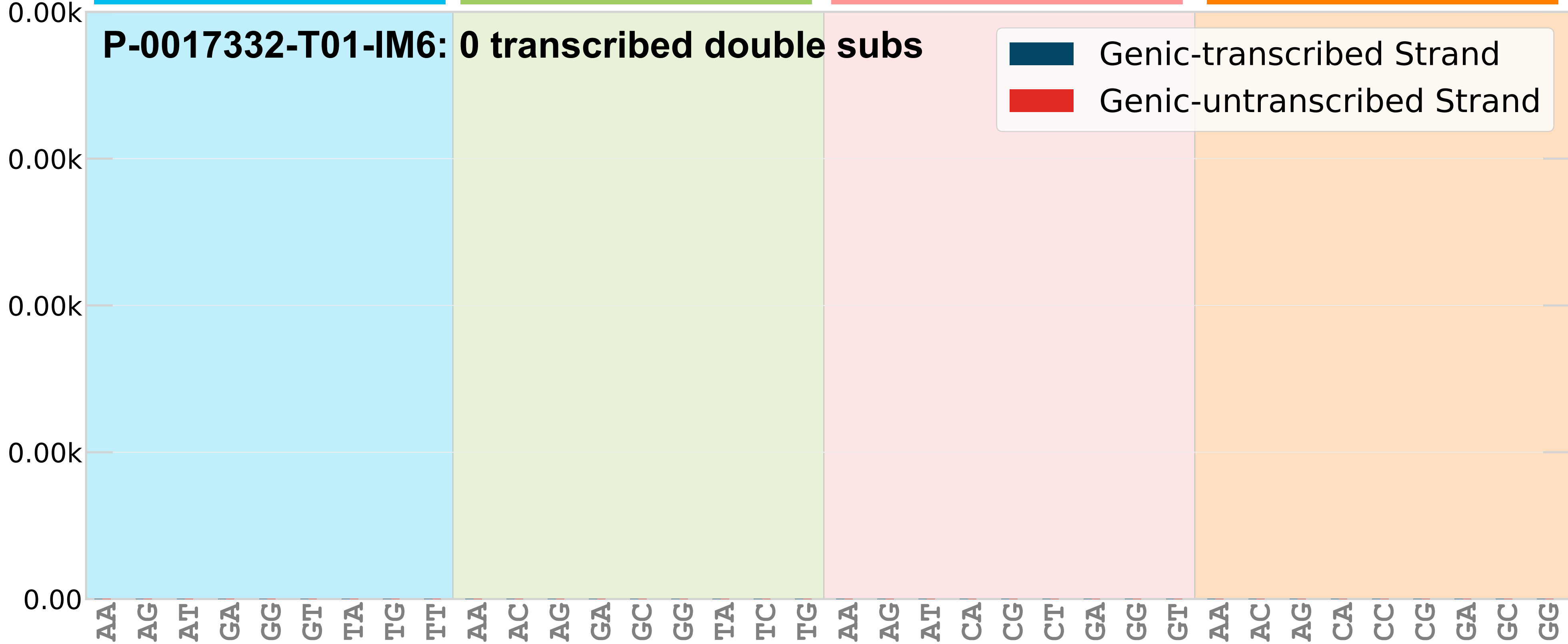




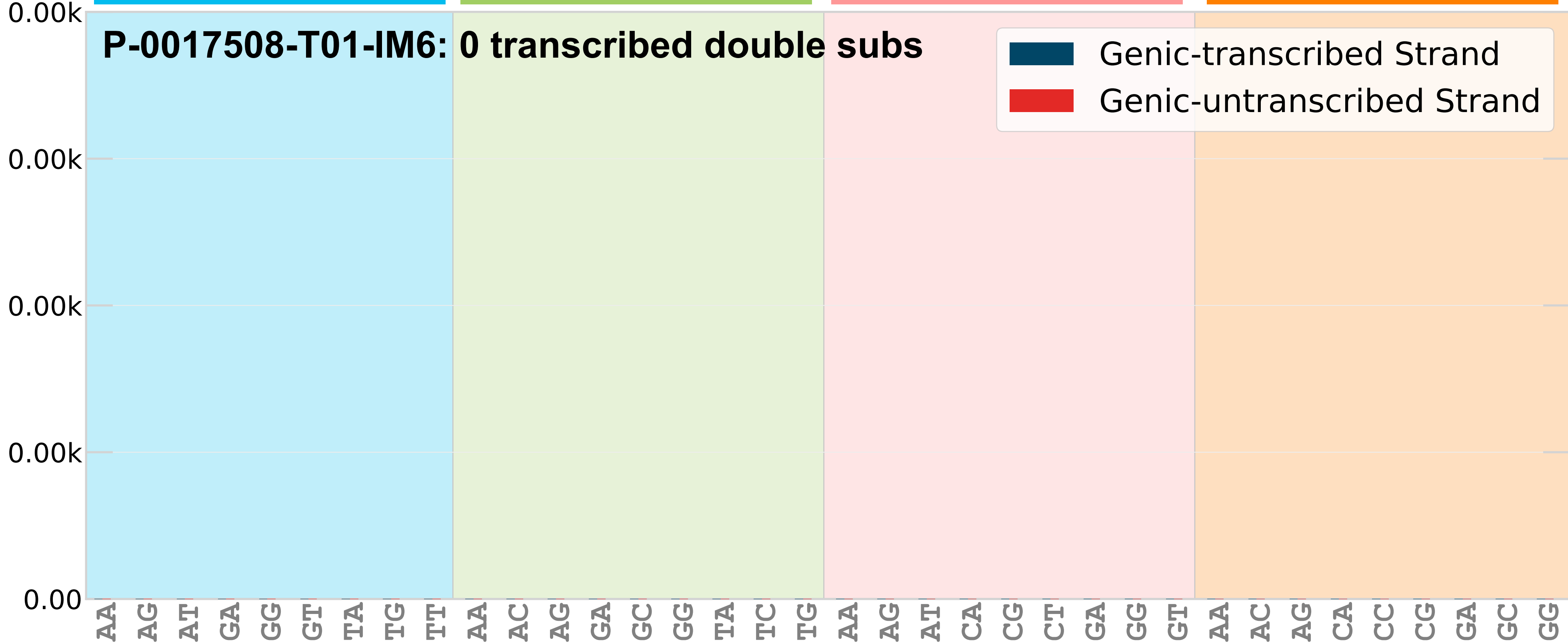




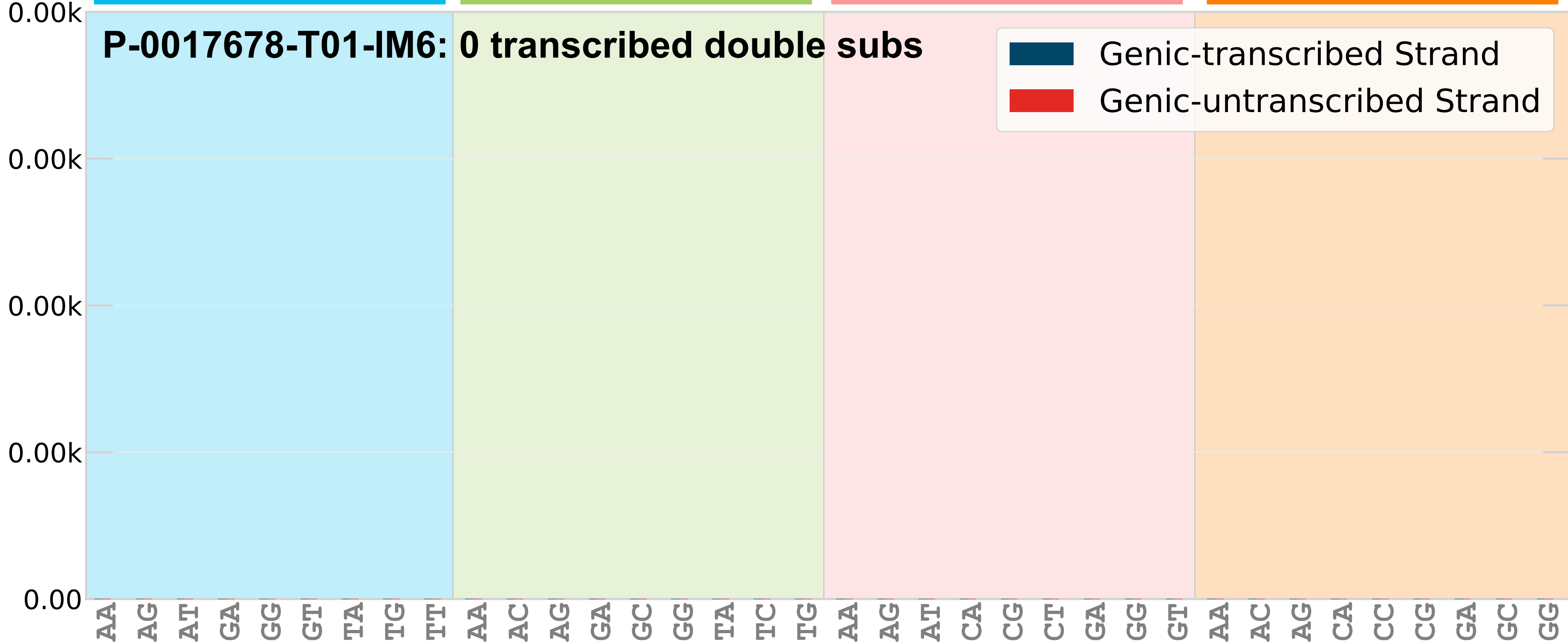
# TT>NN



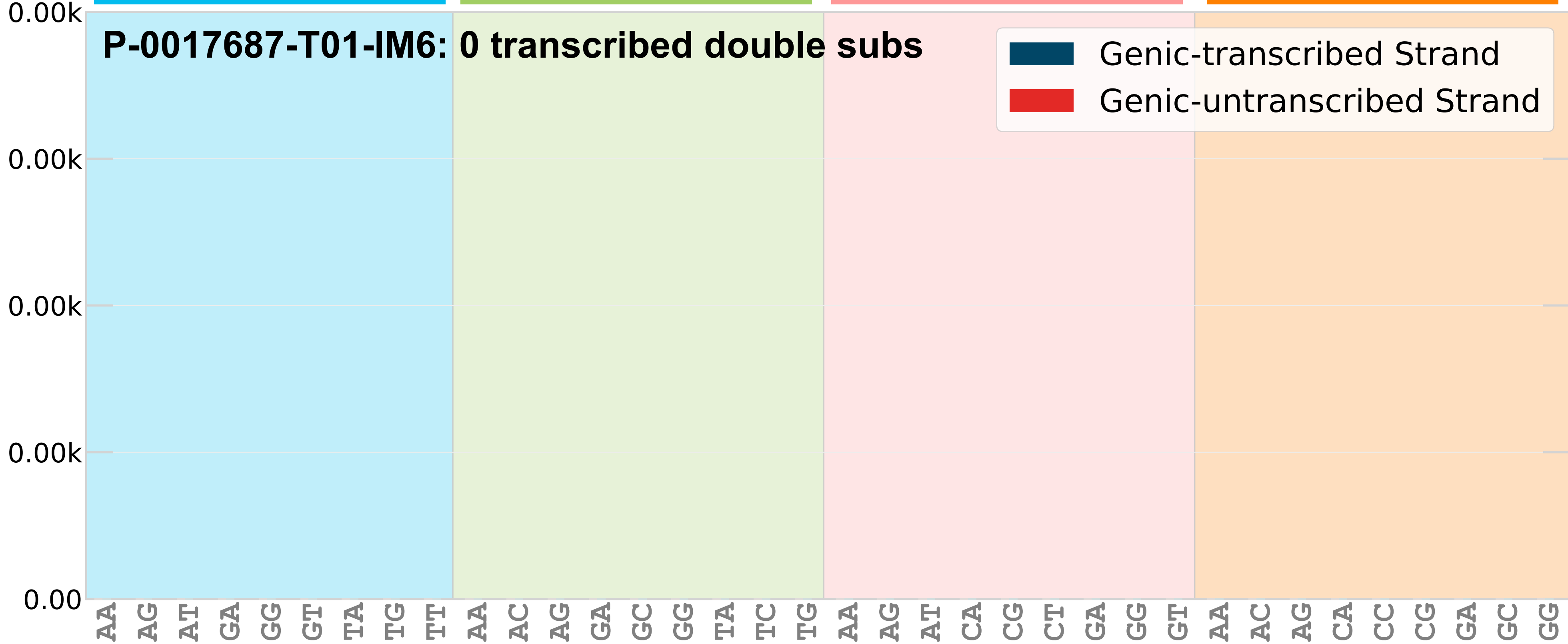
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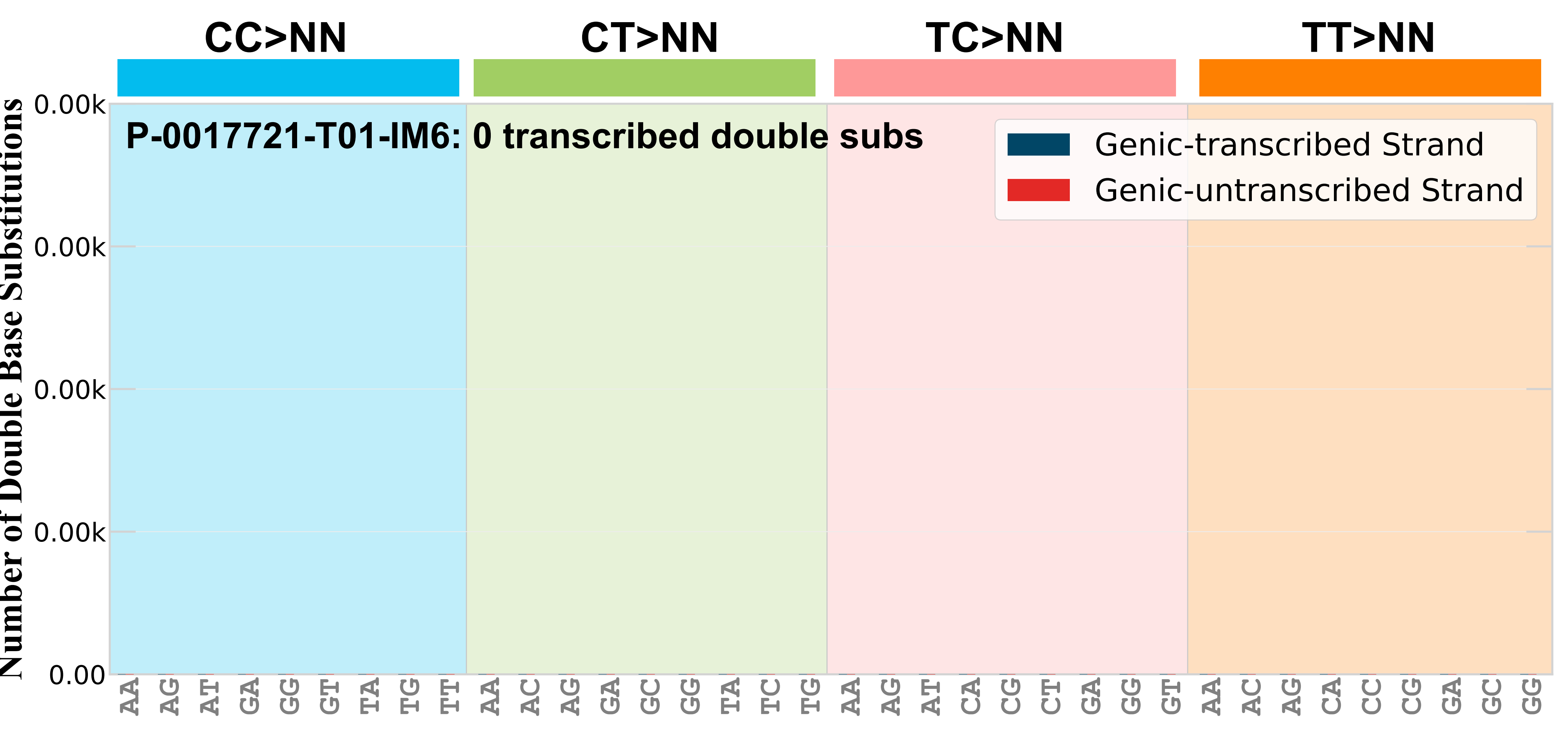
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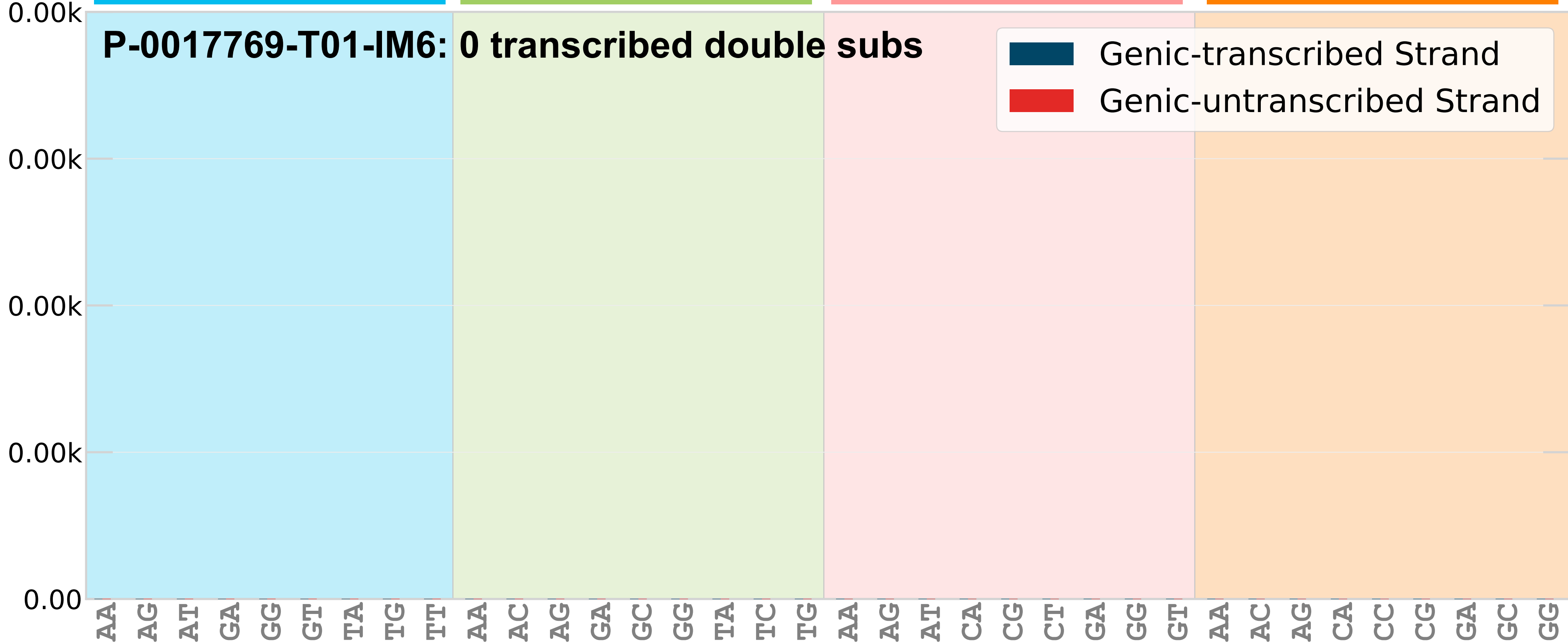
**TT>NN**

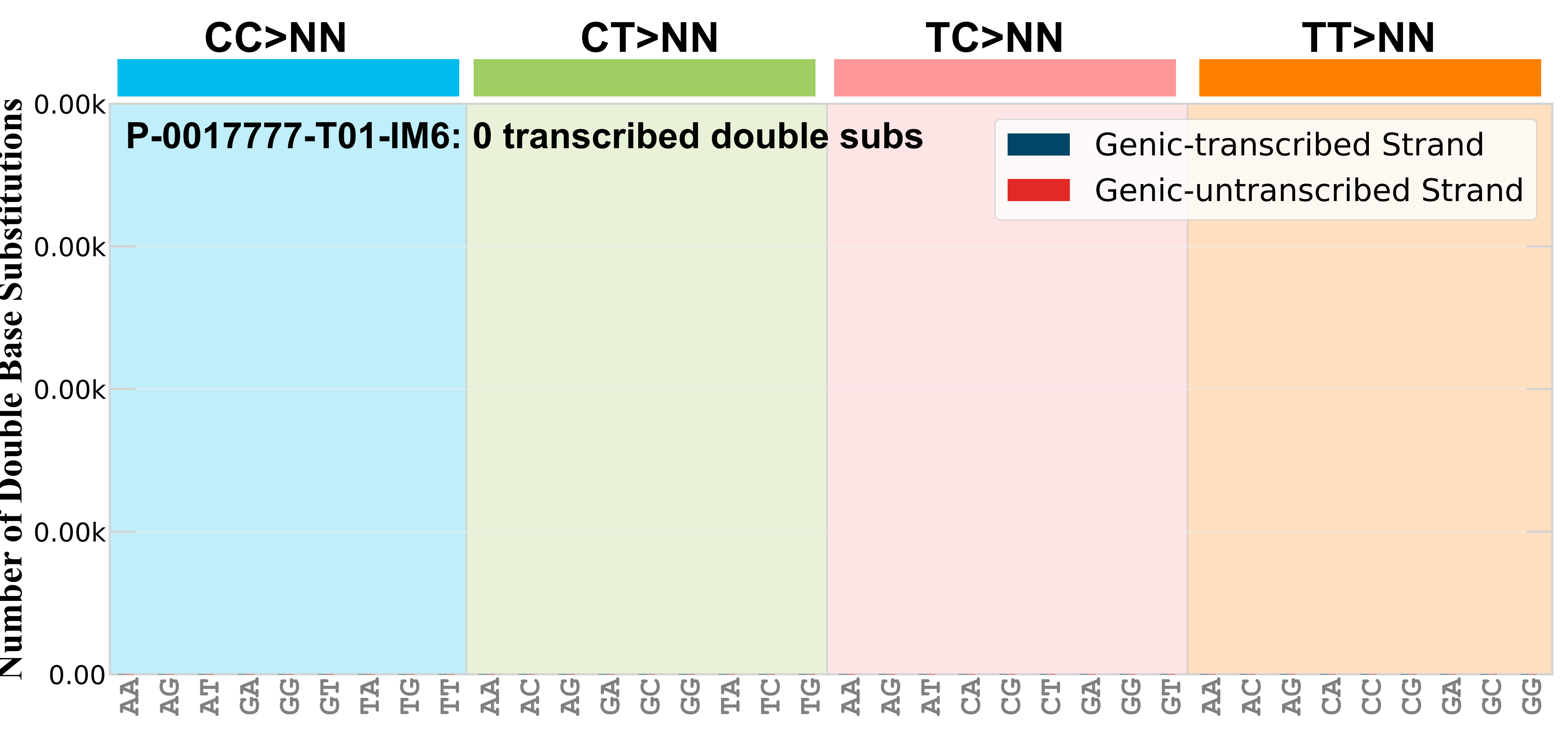


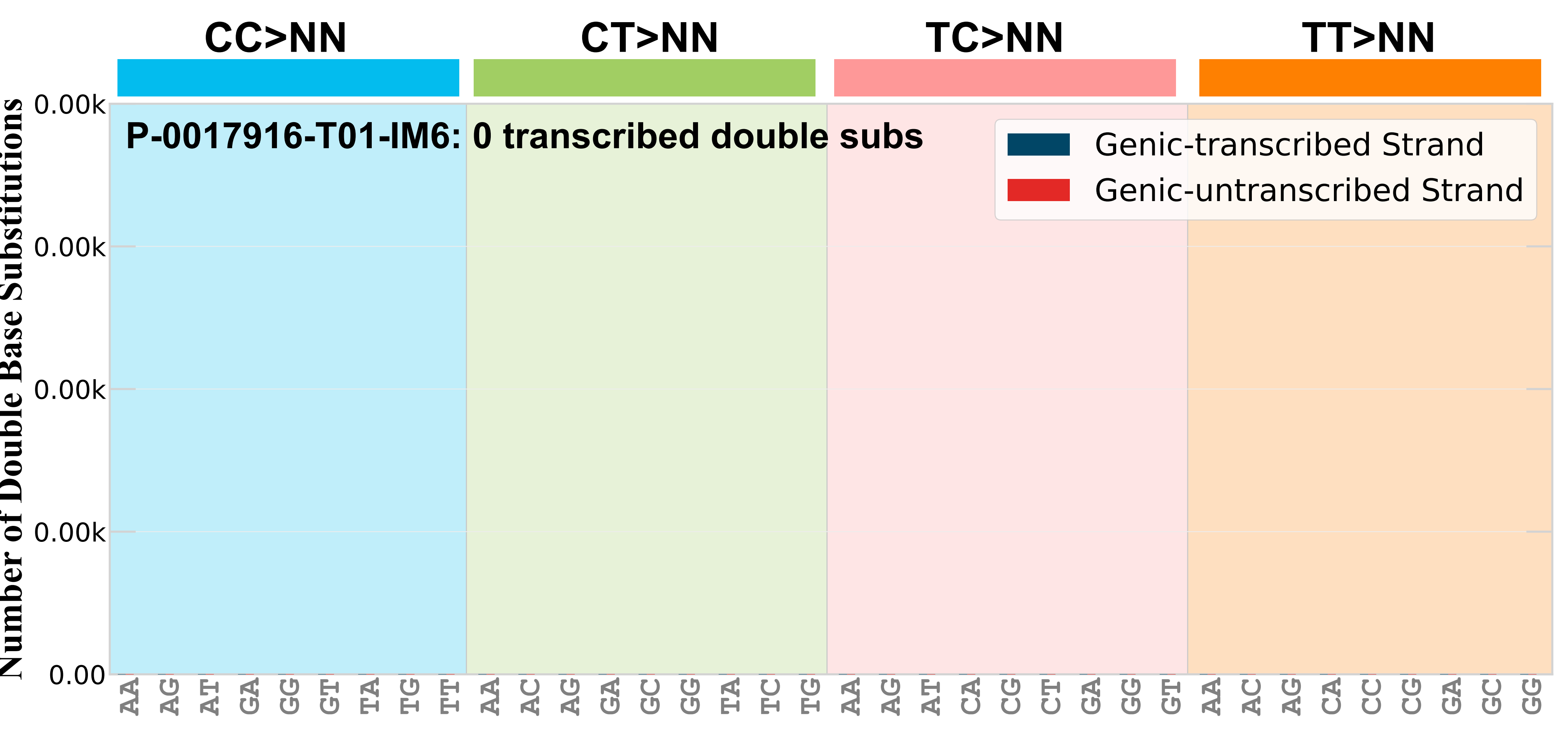




# TT>NN



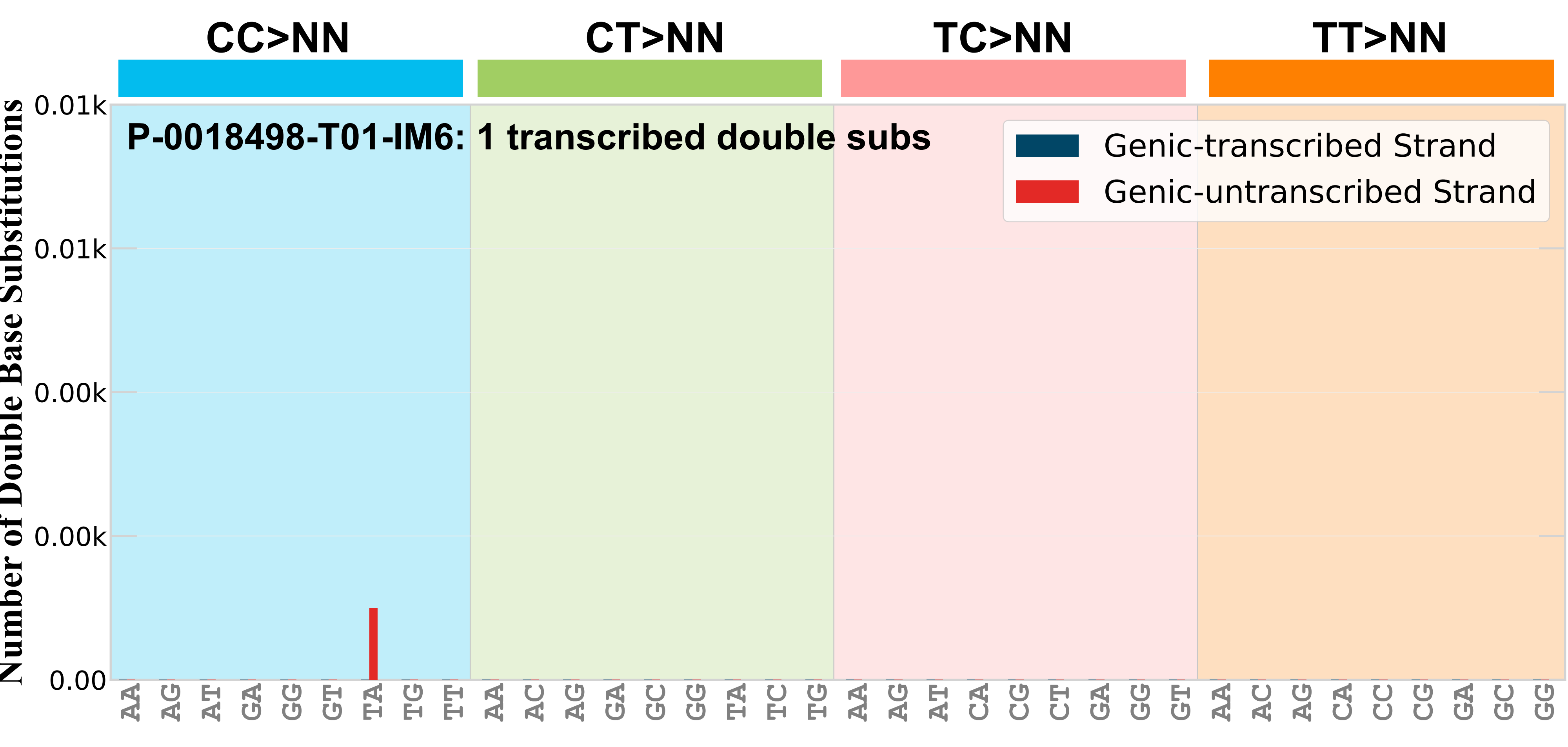




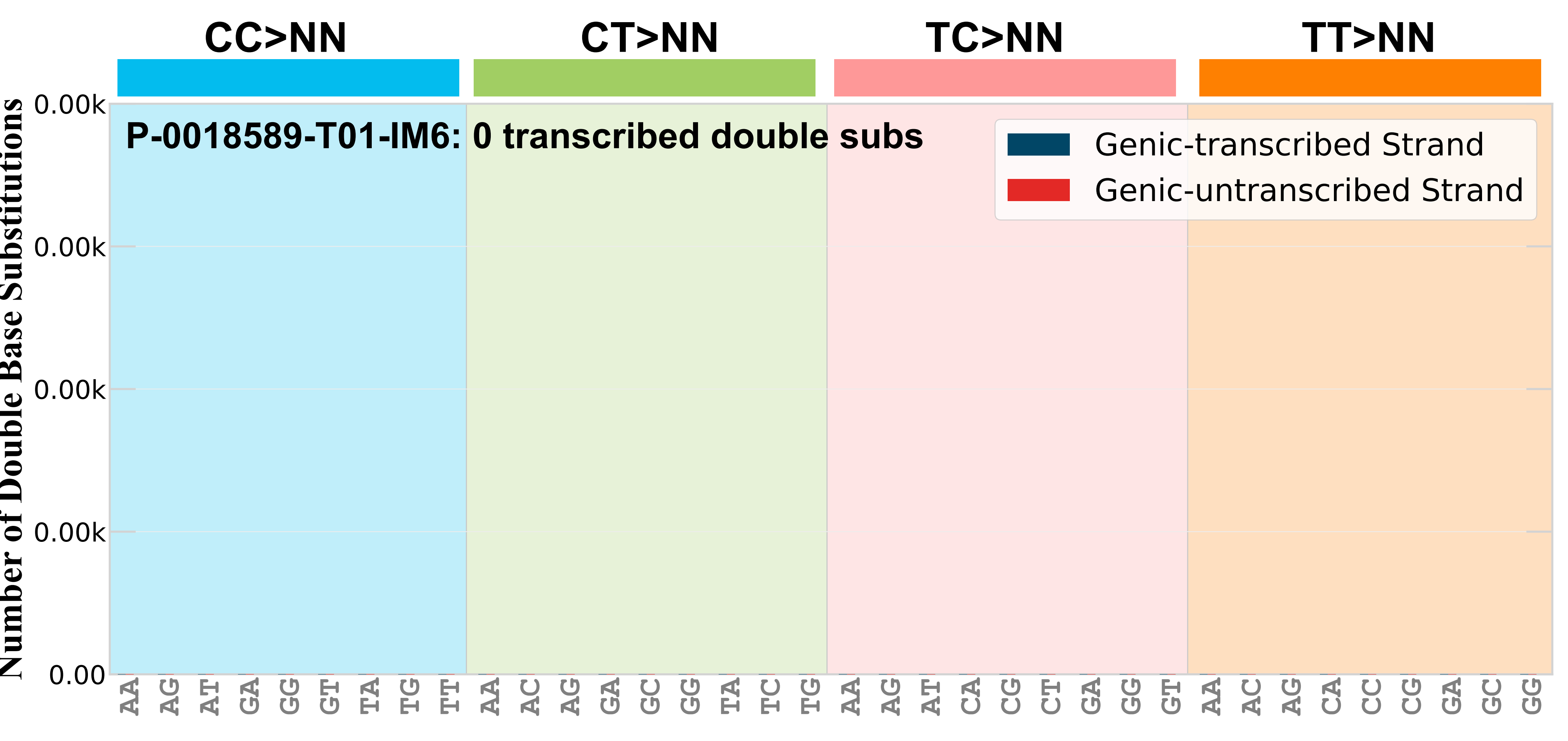




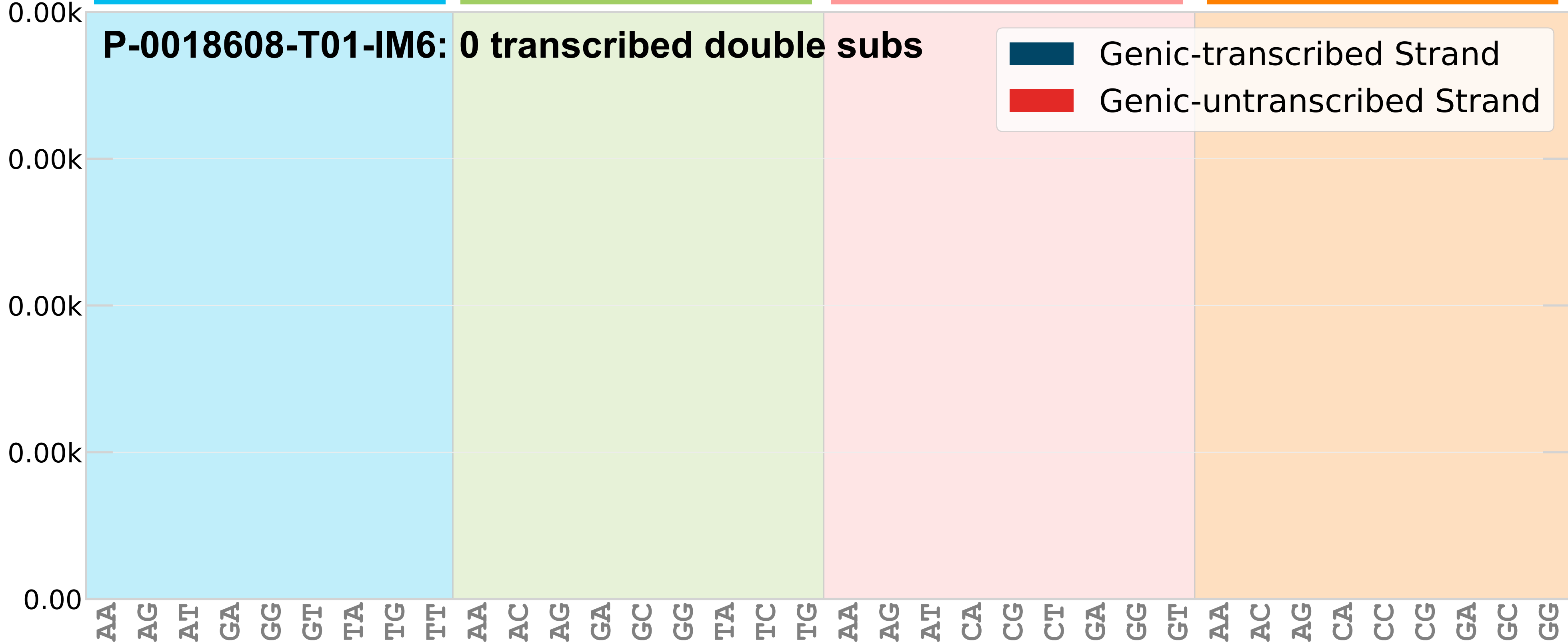




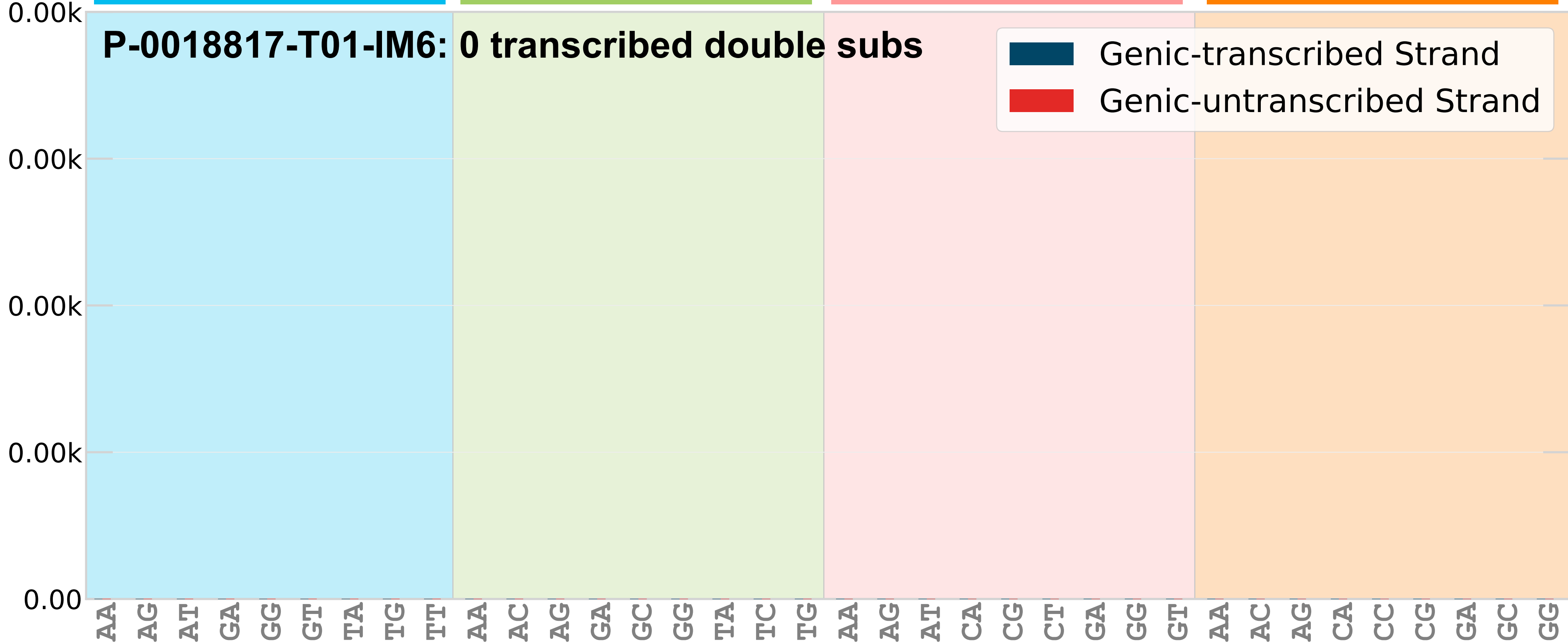




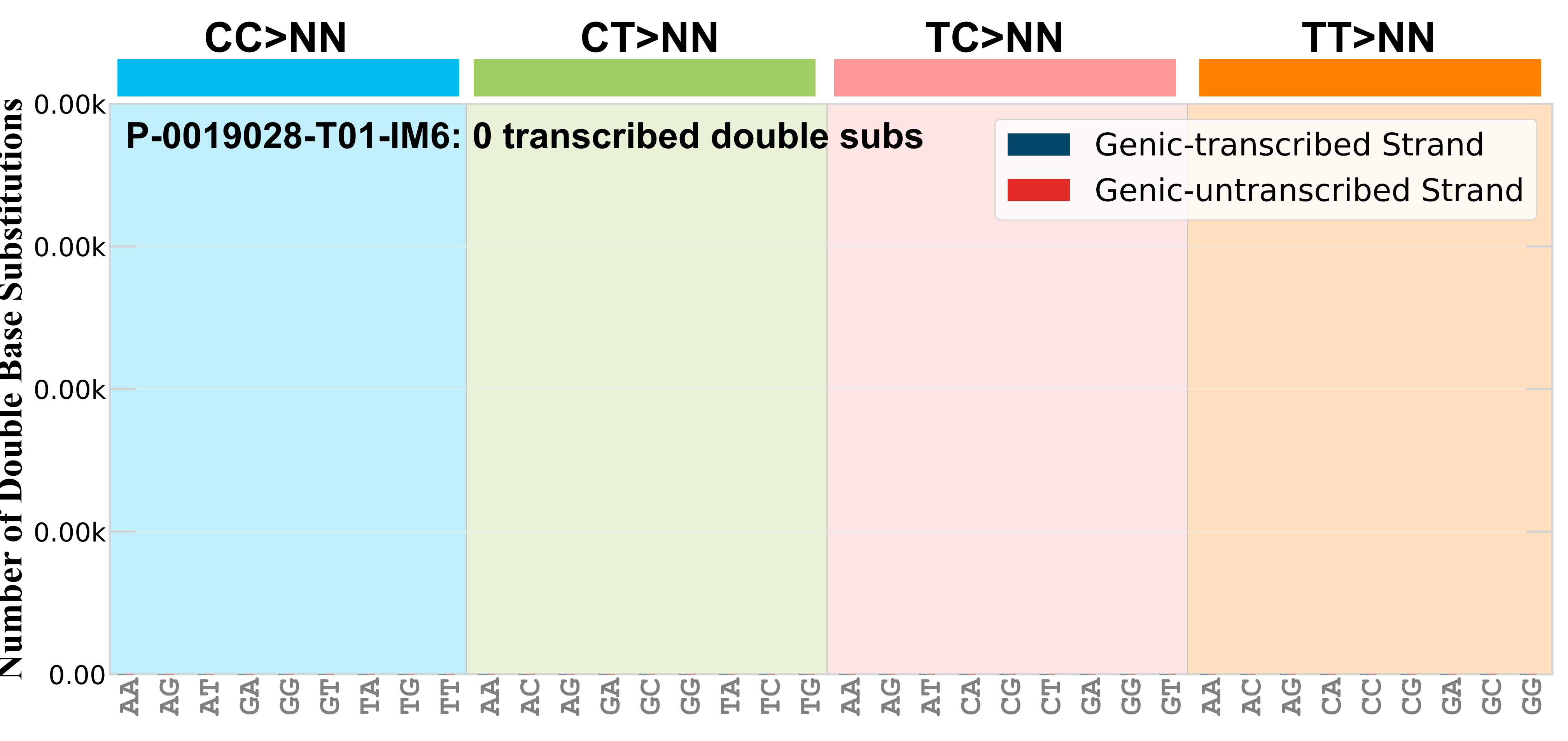
**TT>NN**



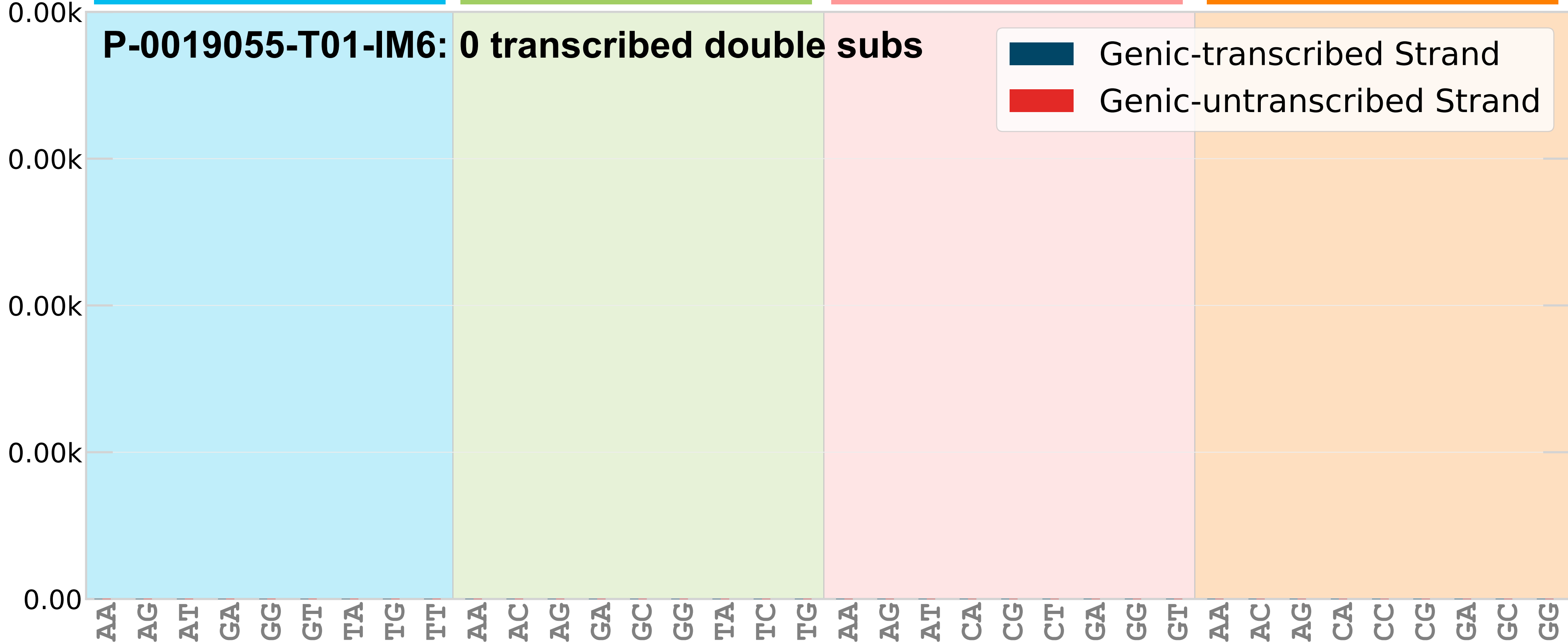
**TT>NN**



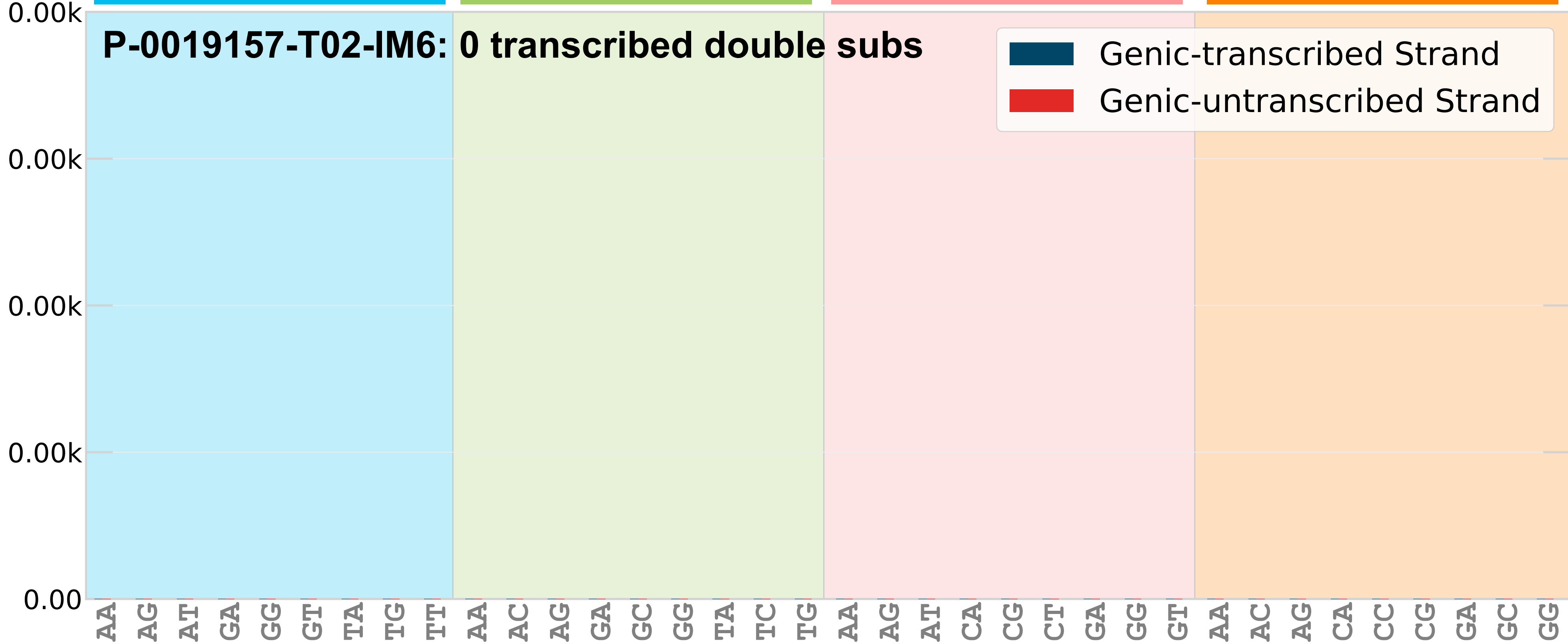


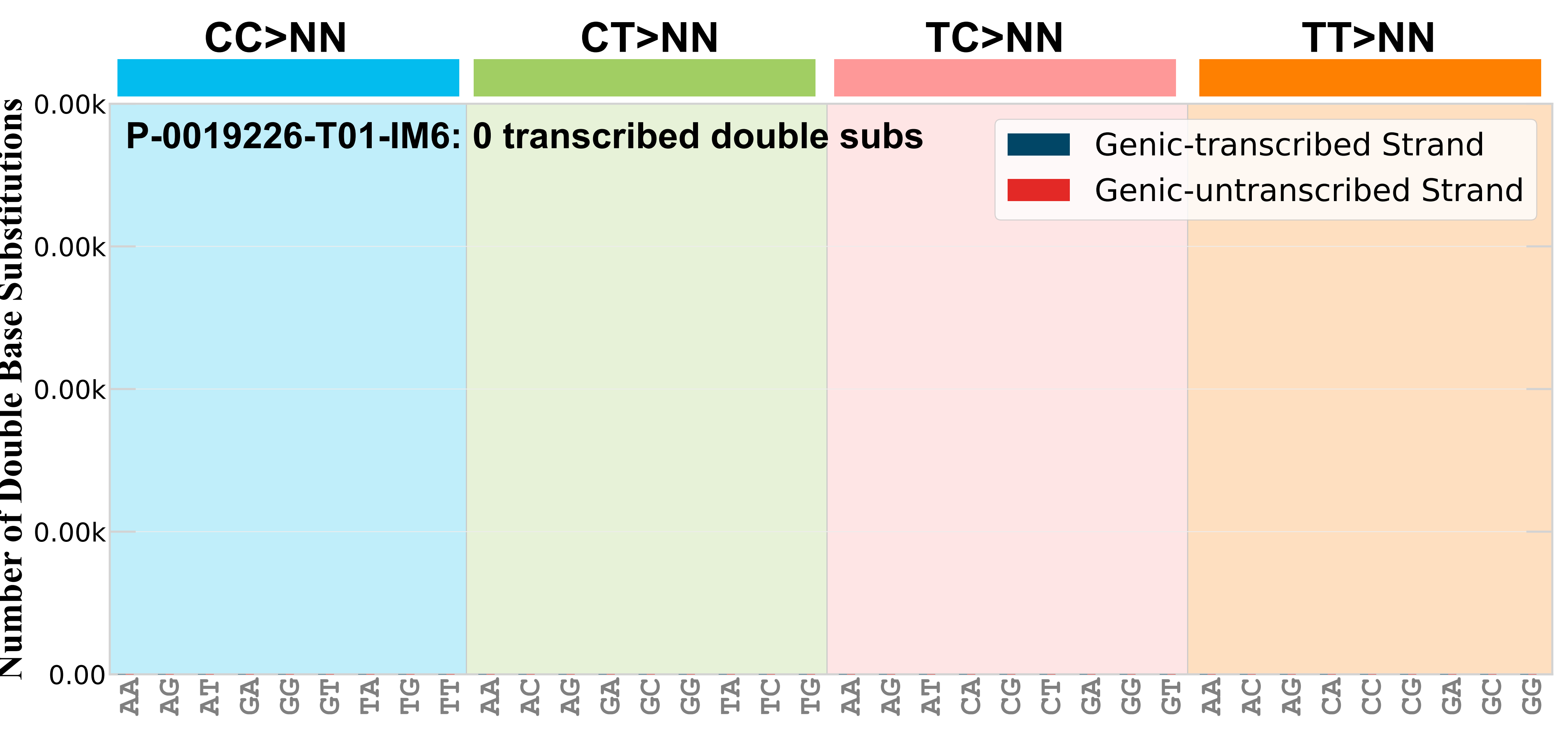


**TT>NN**



**TT>NN**

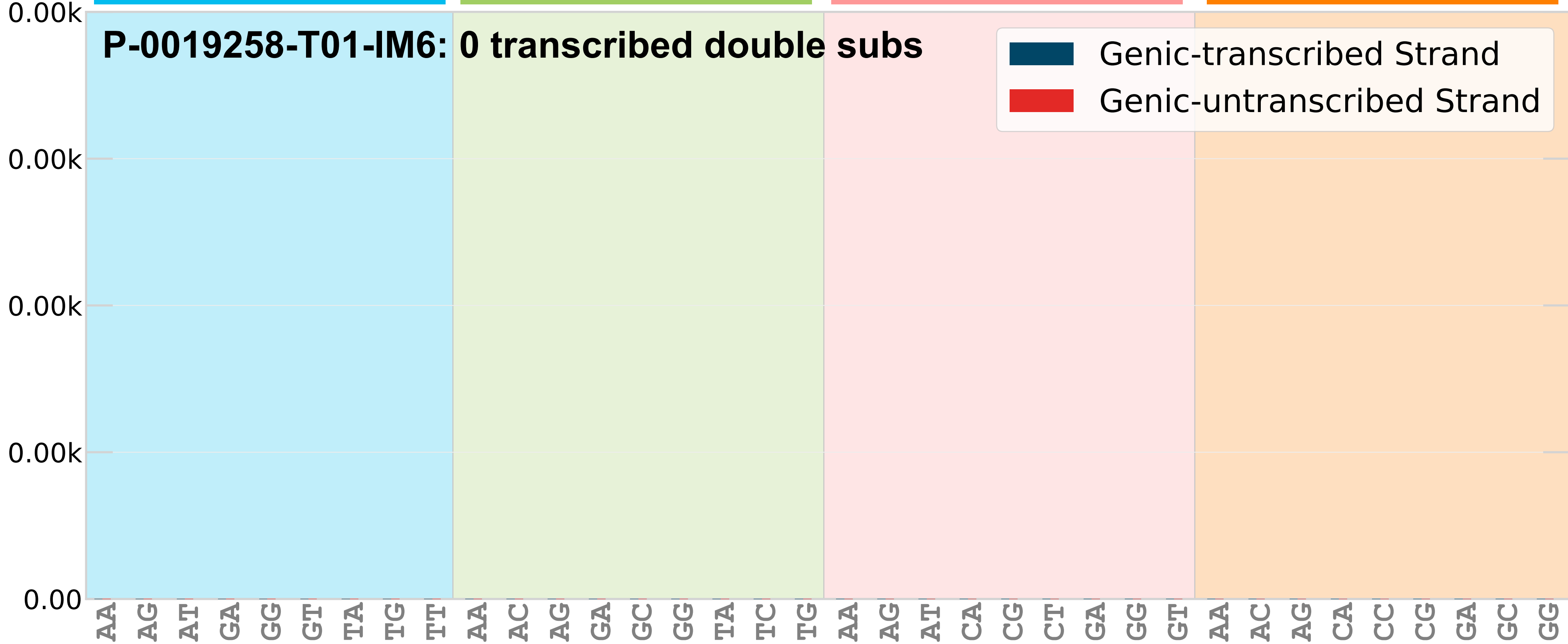




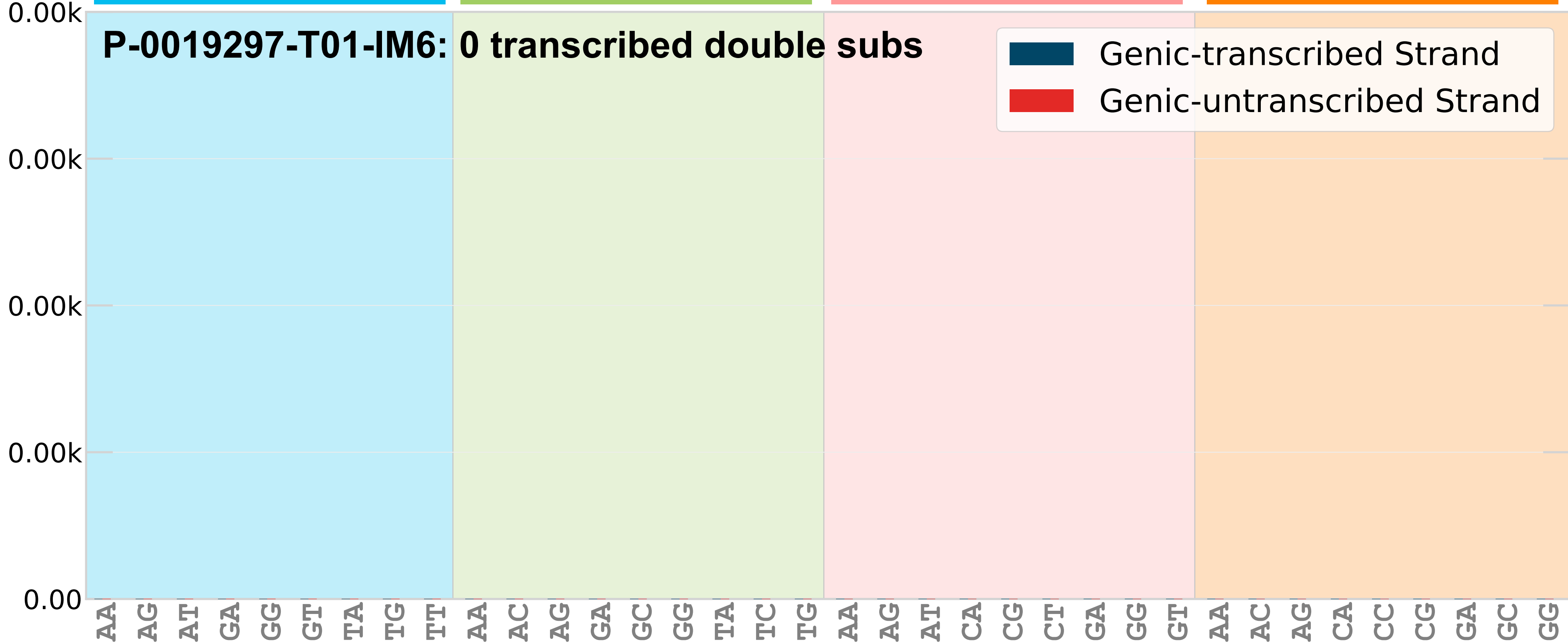


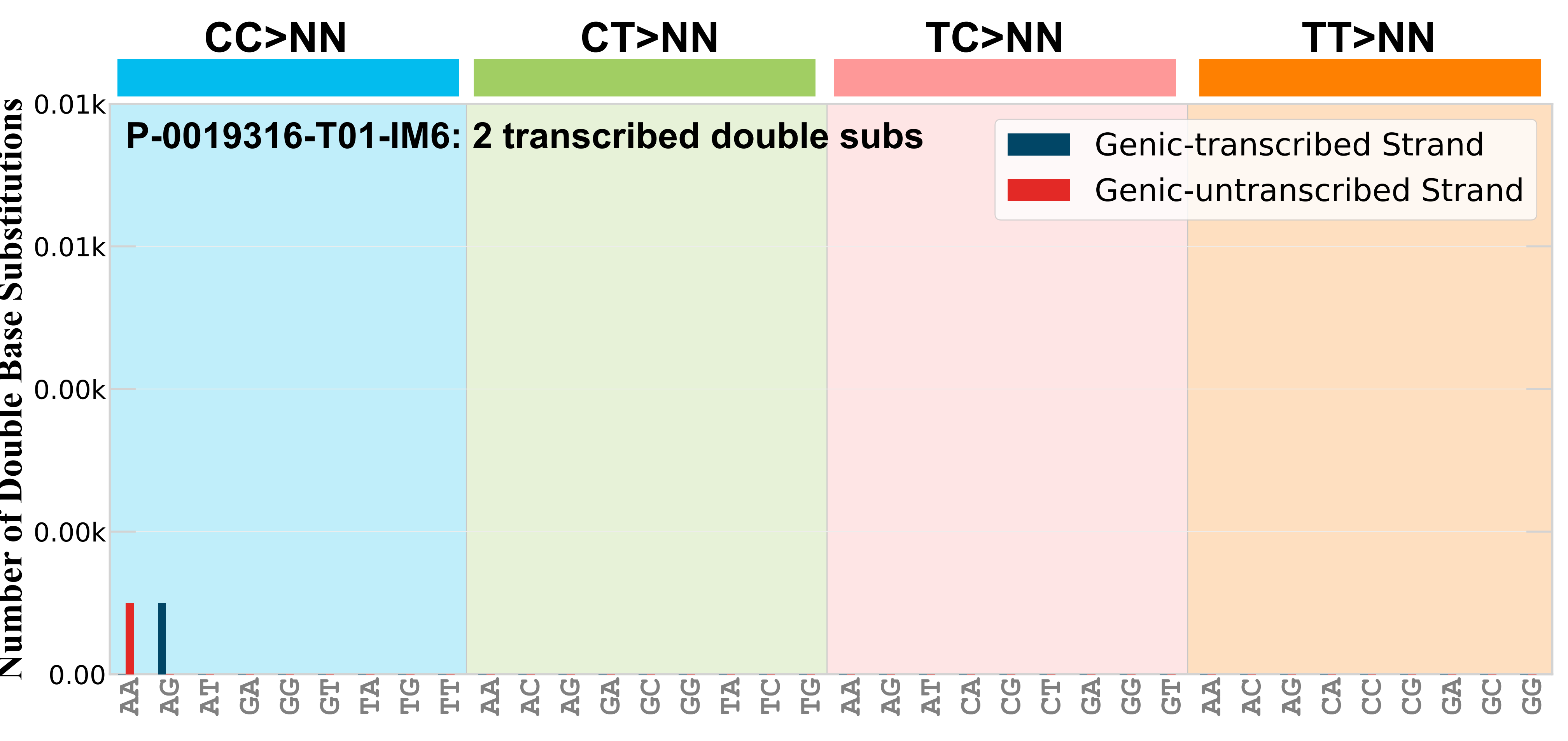


**TT>NN**

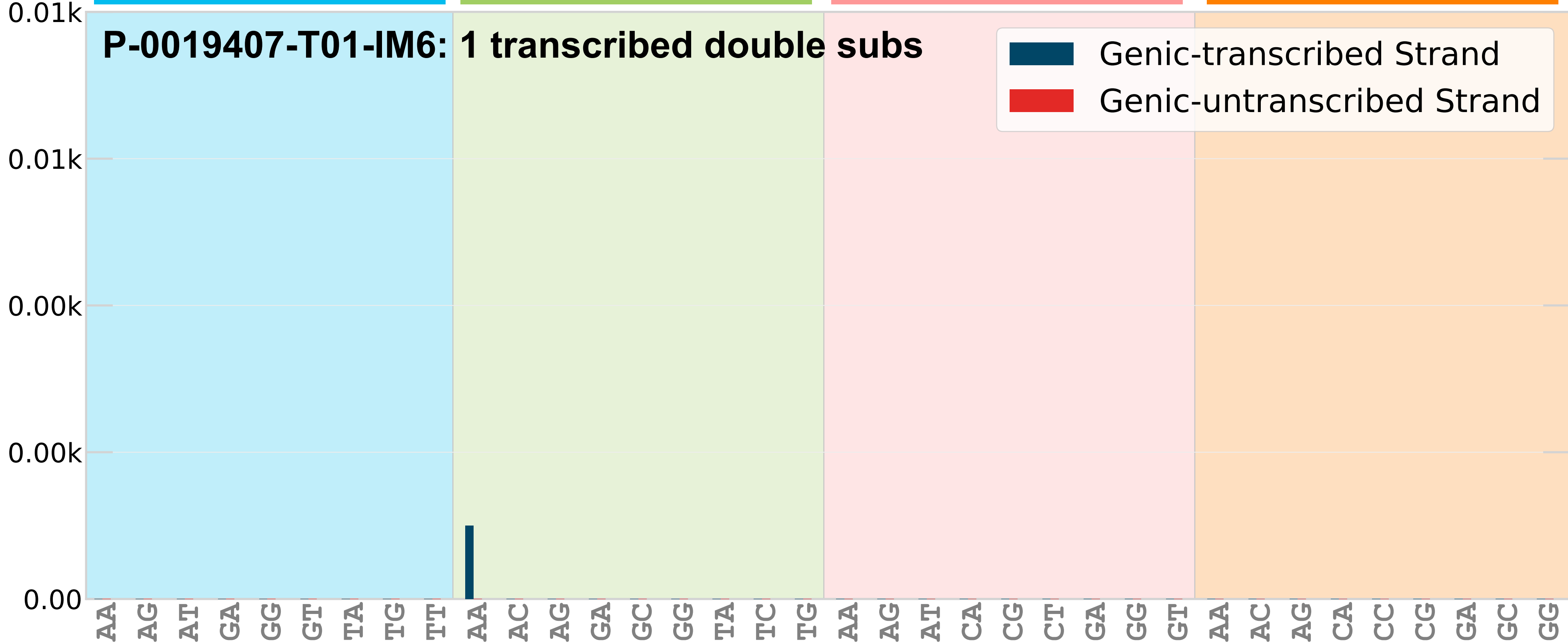


# TT>NN

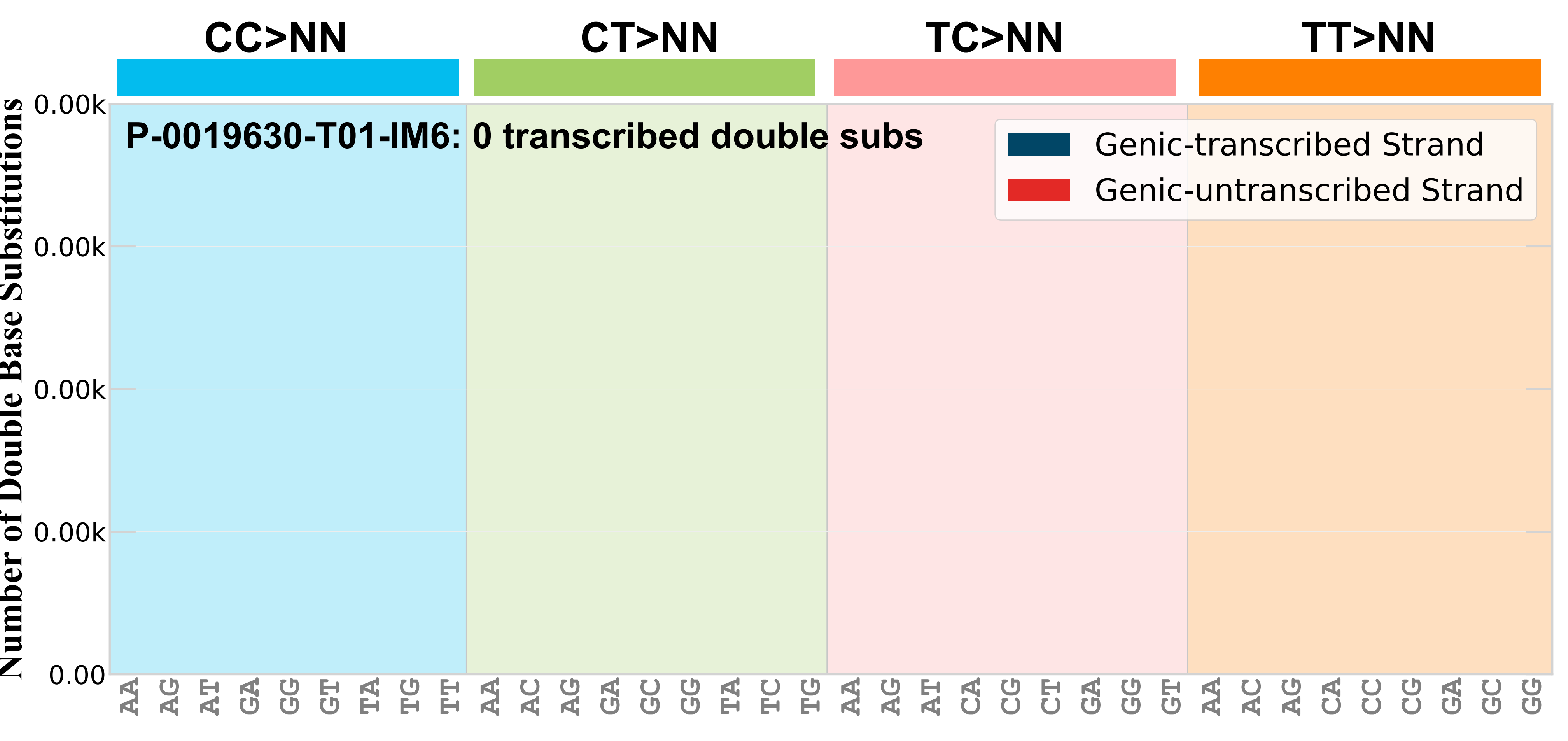




# TT>NN



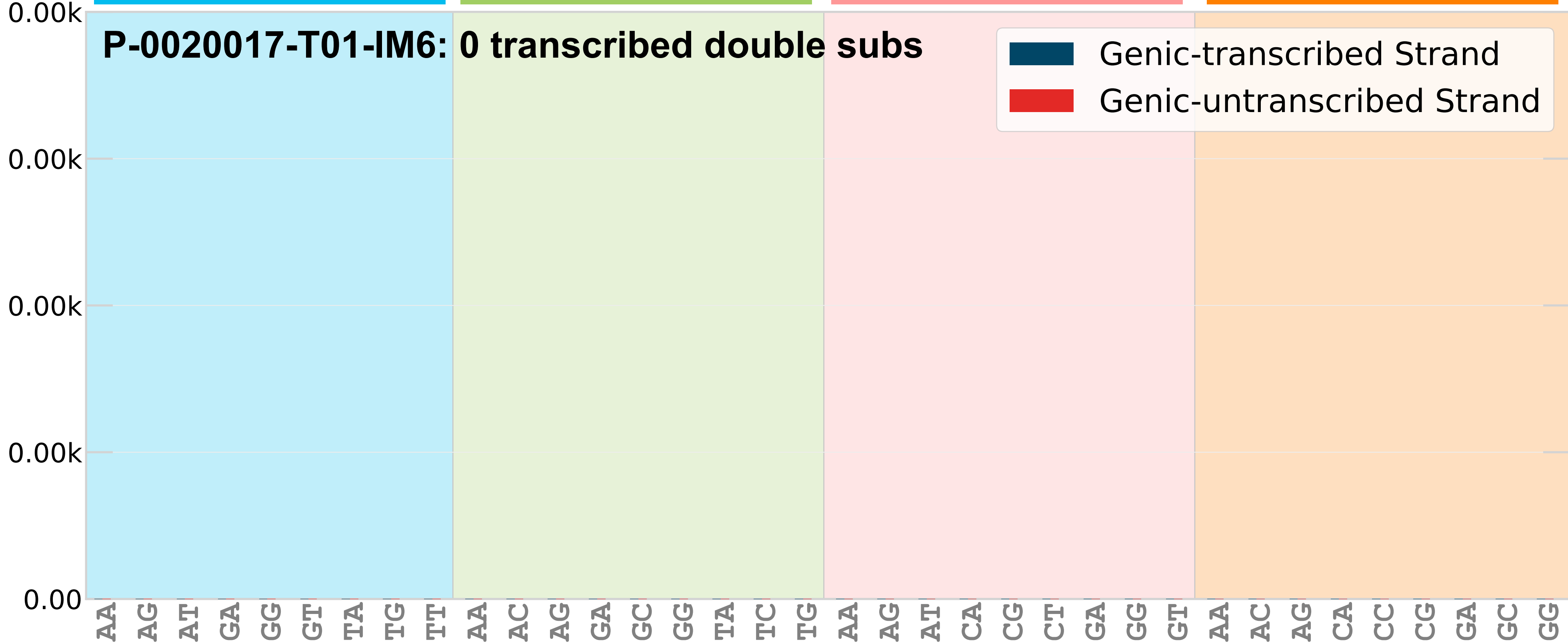




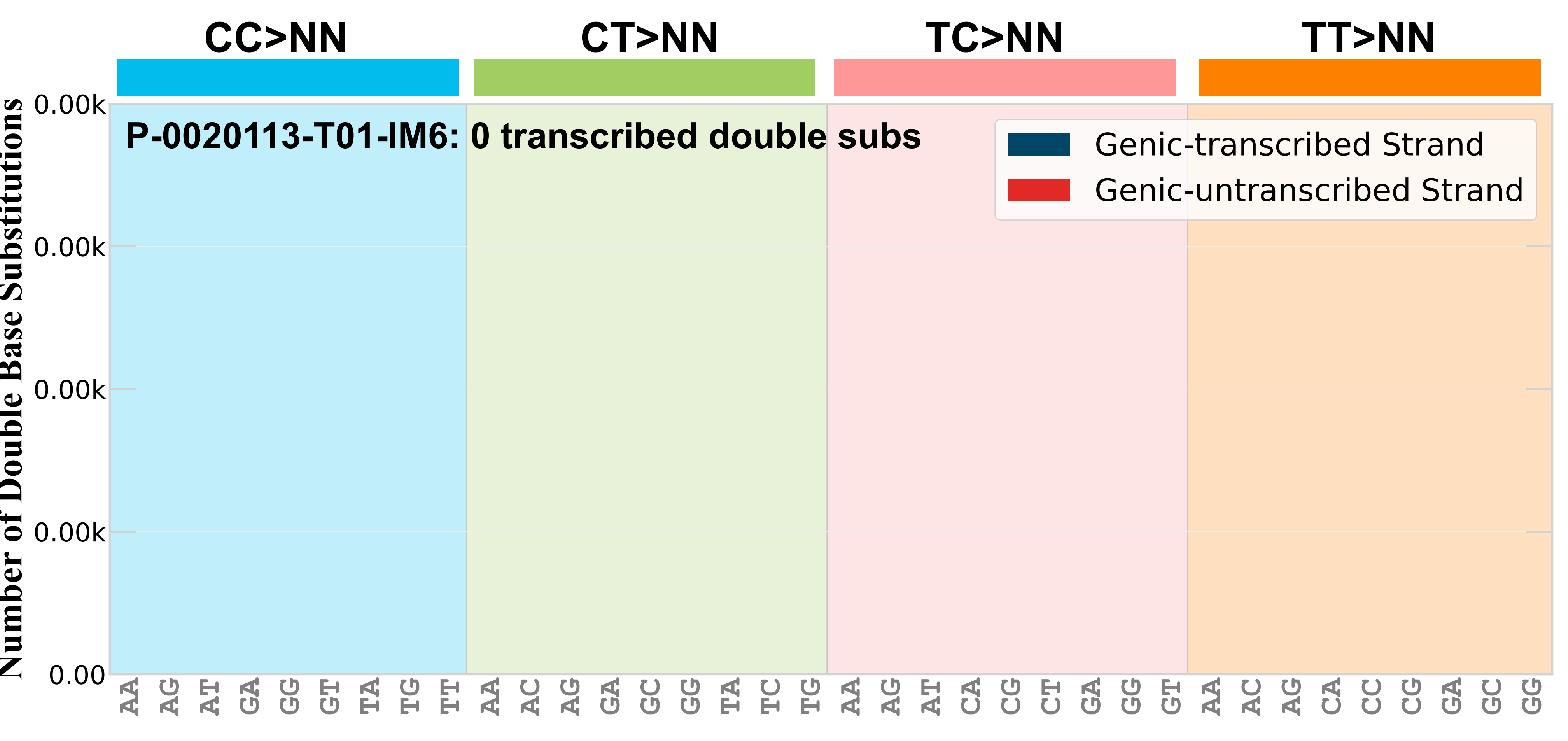


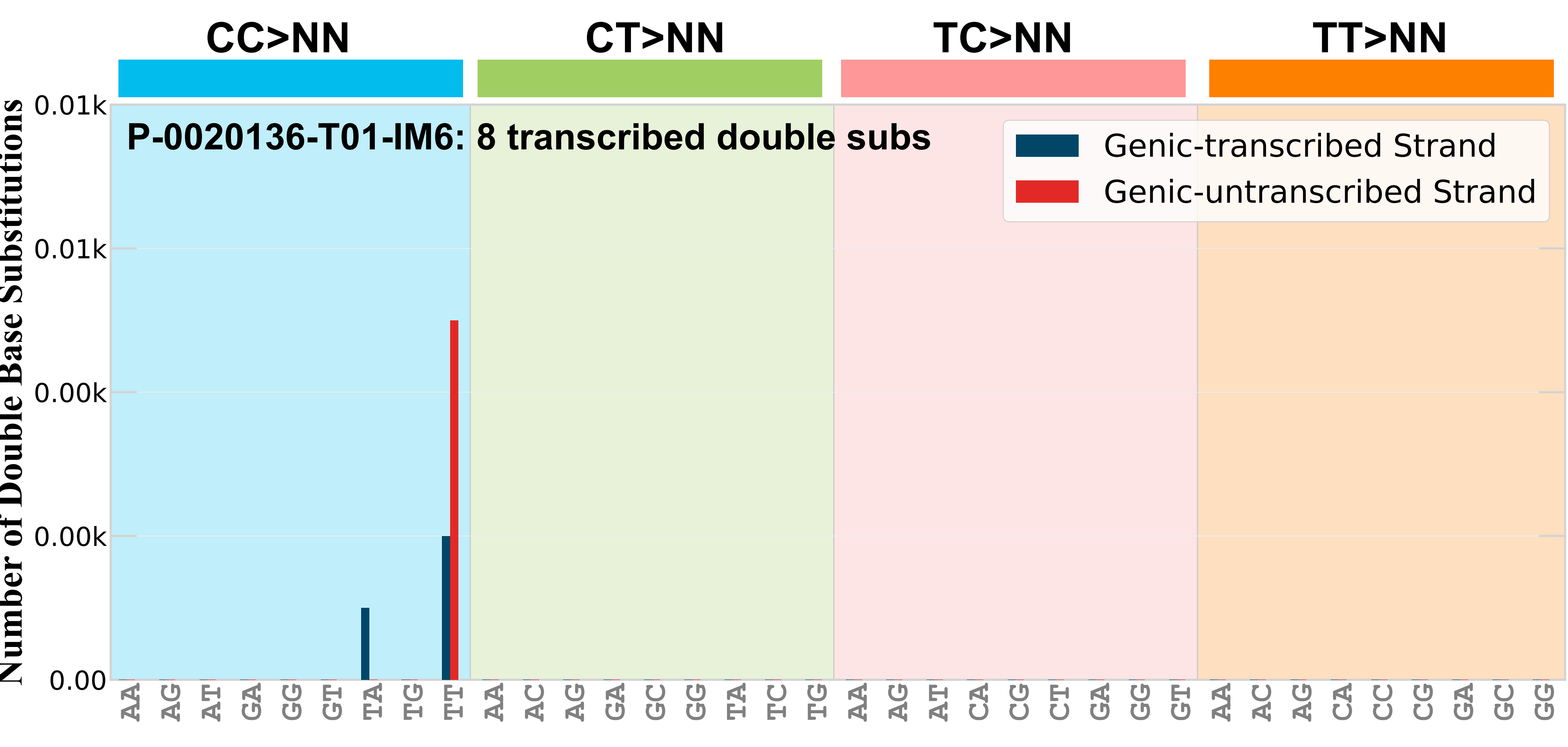


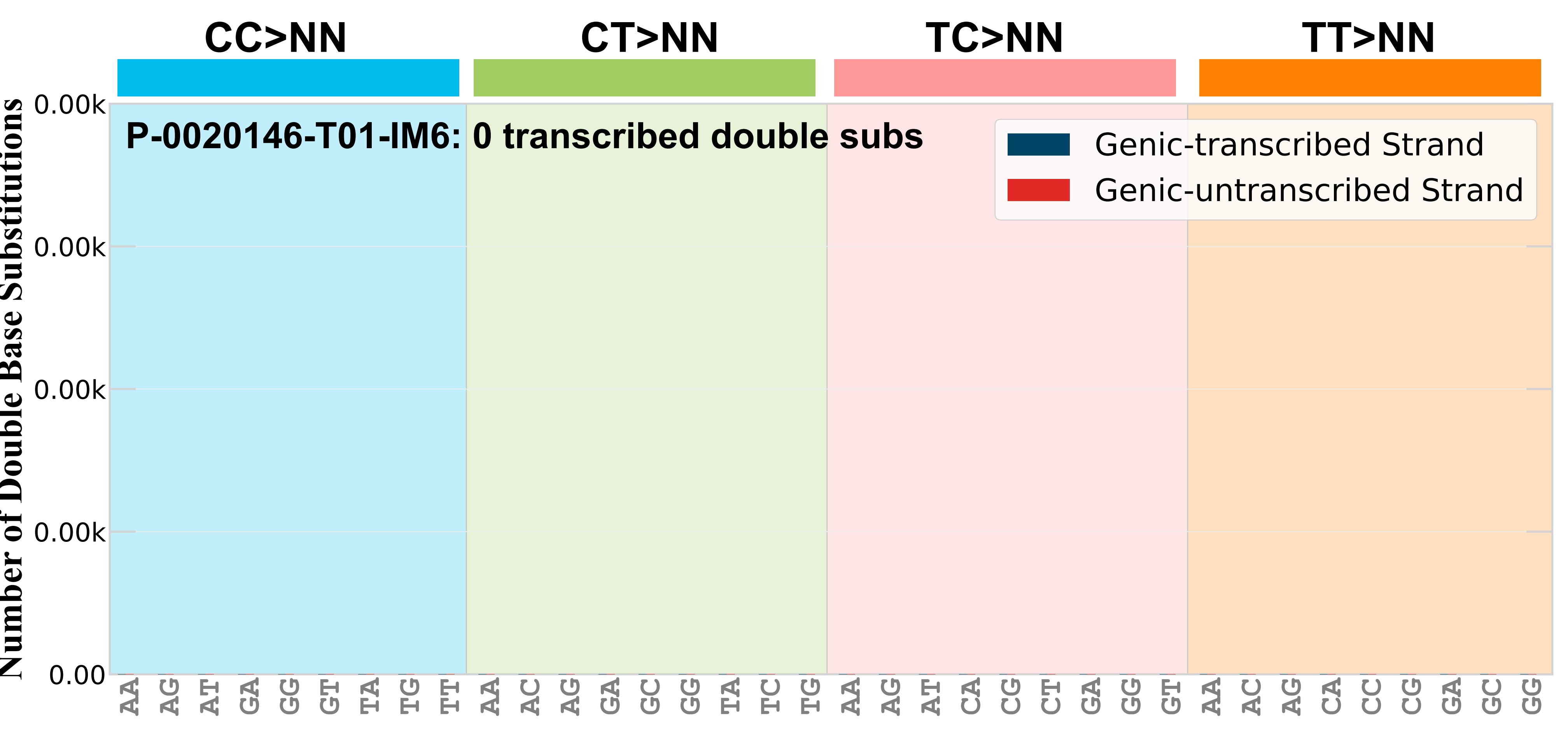
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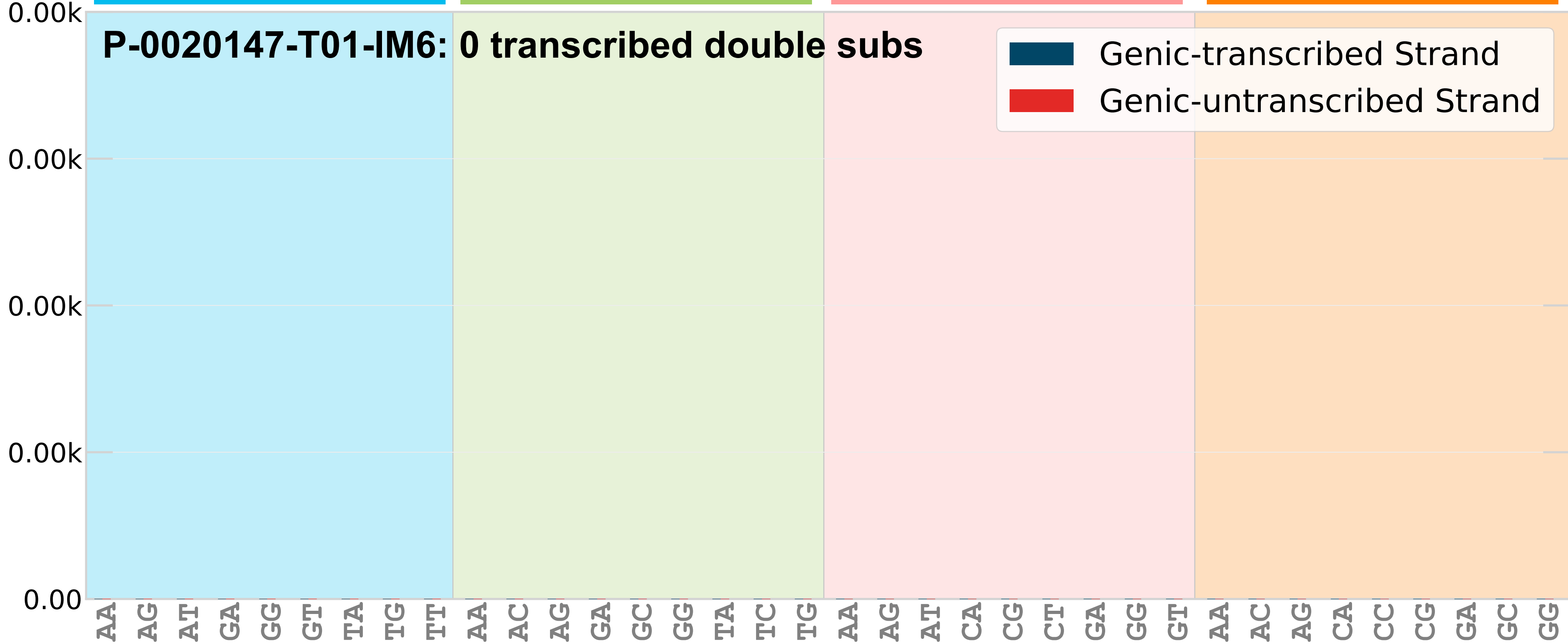


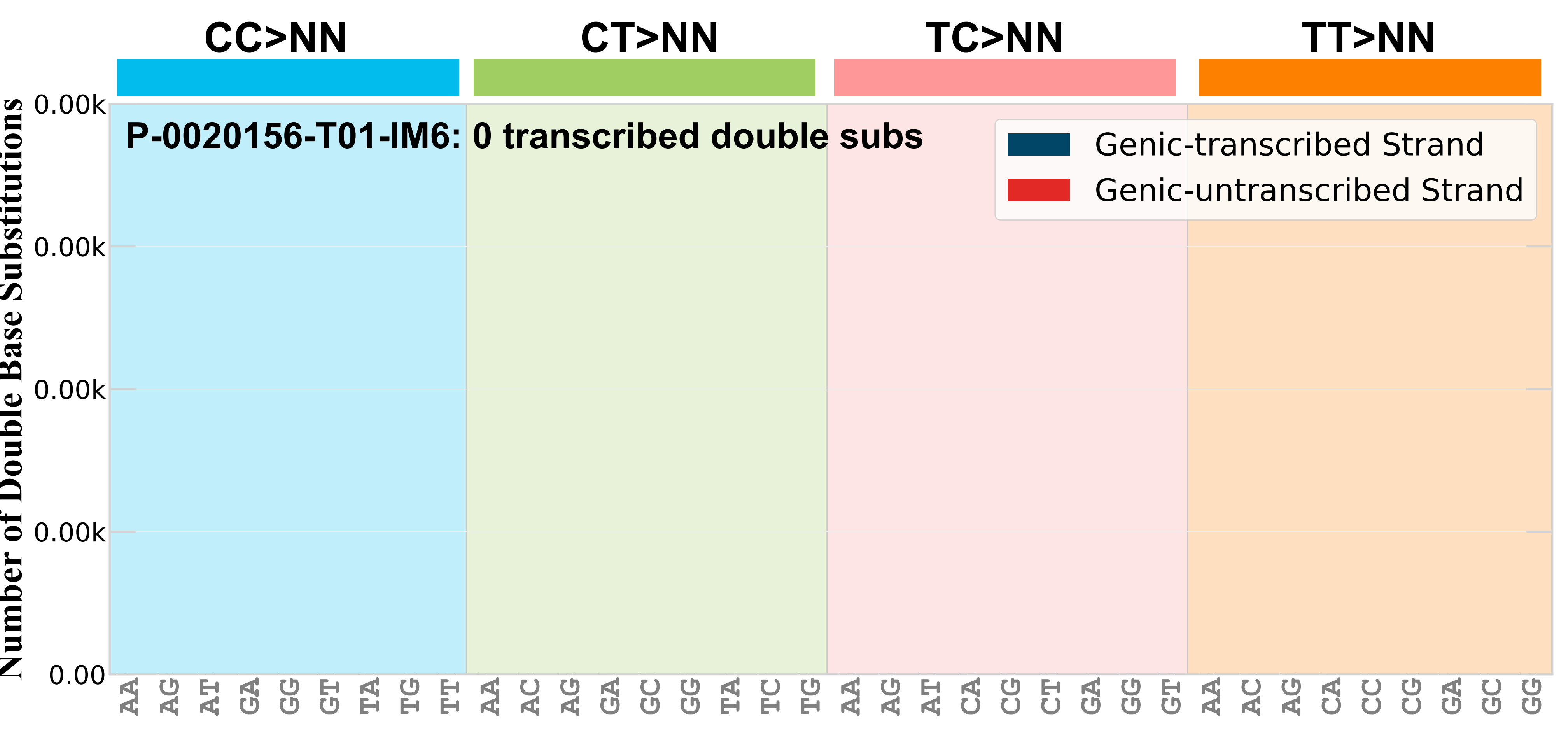




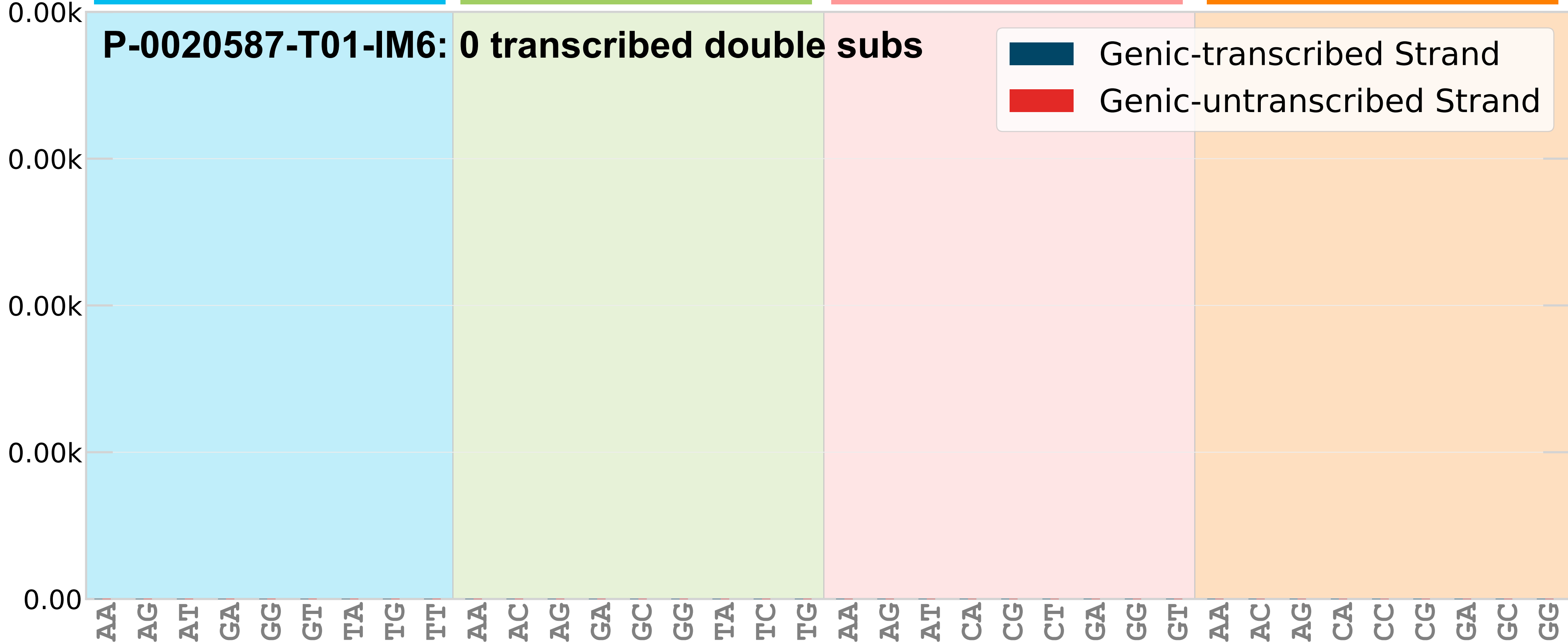


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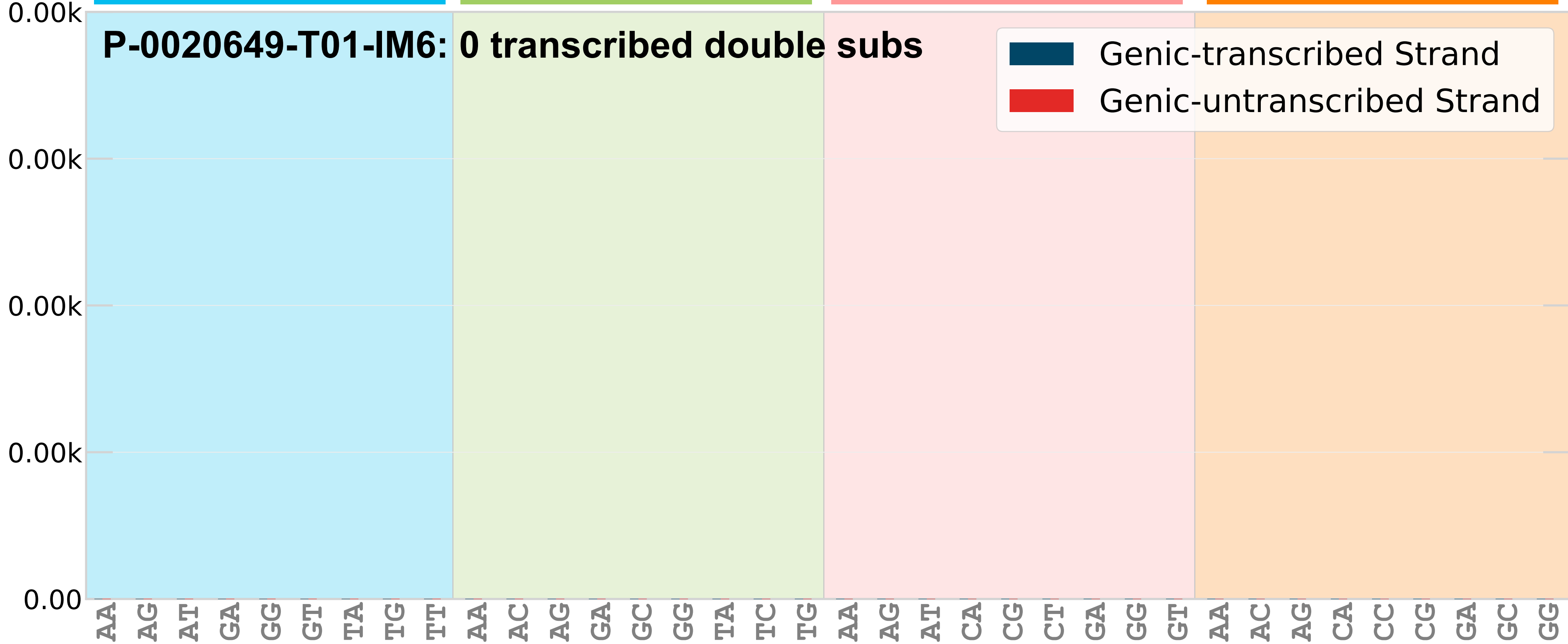


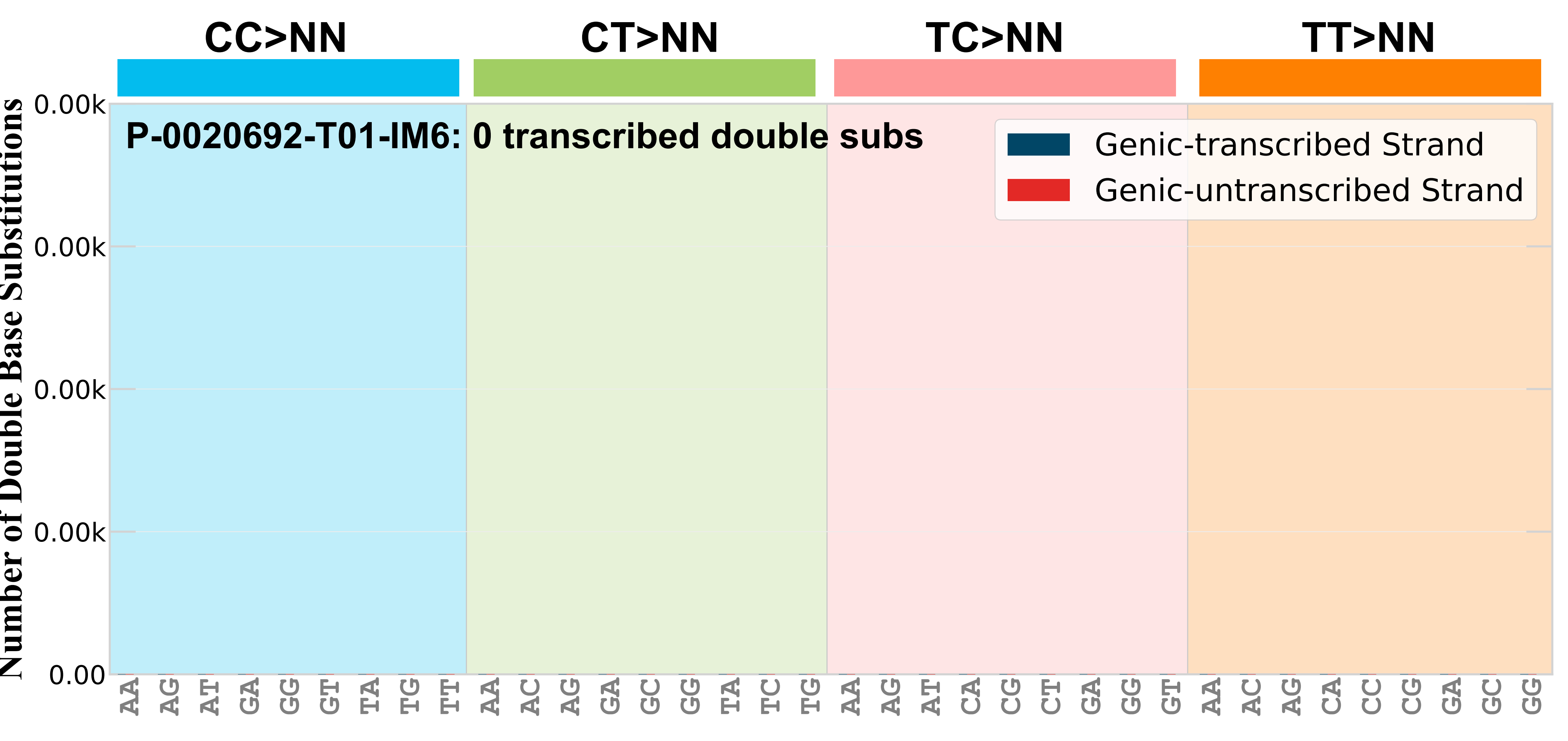
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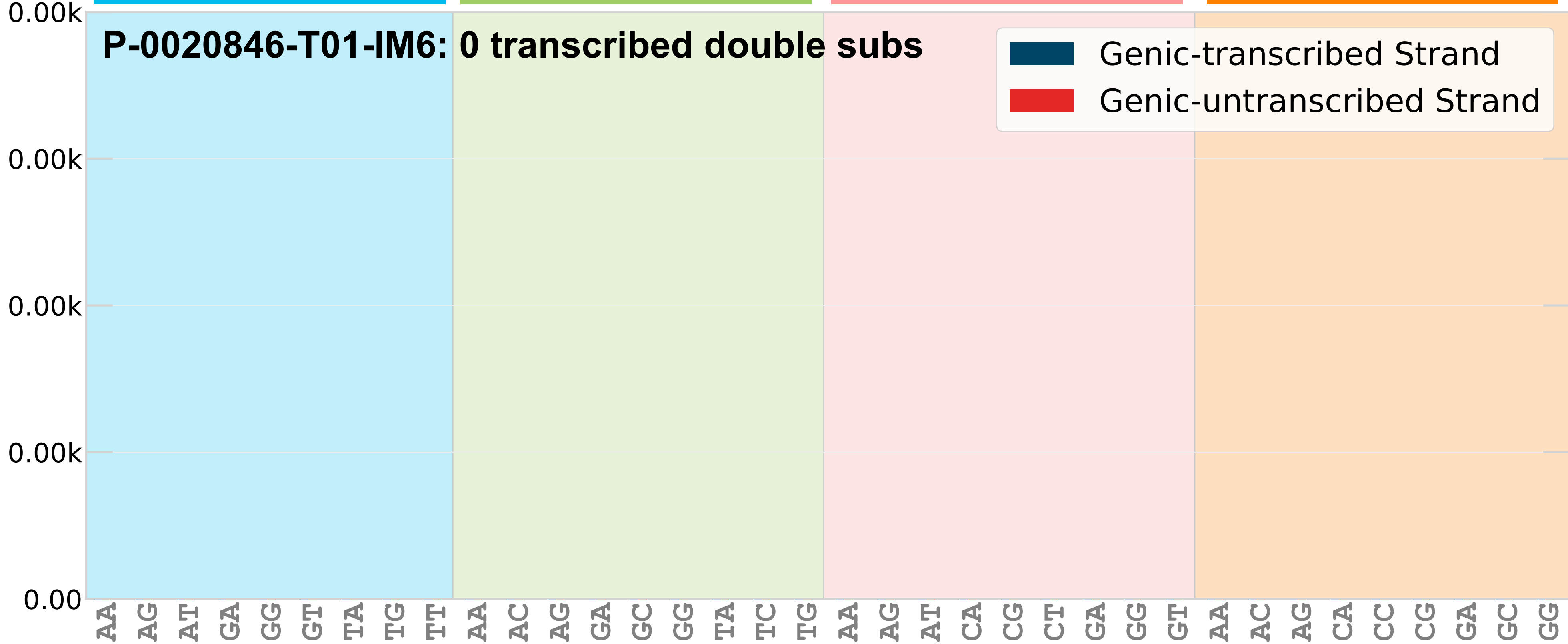


**TT>NN**





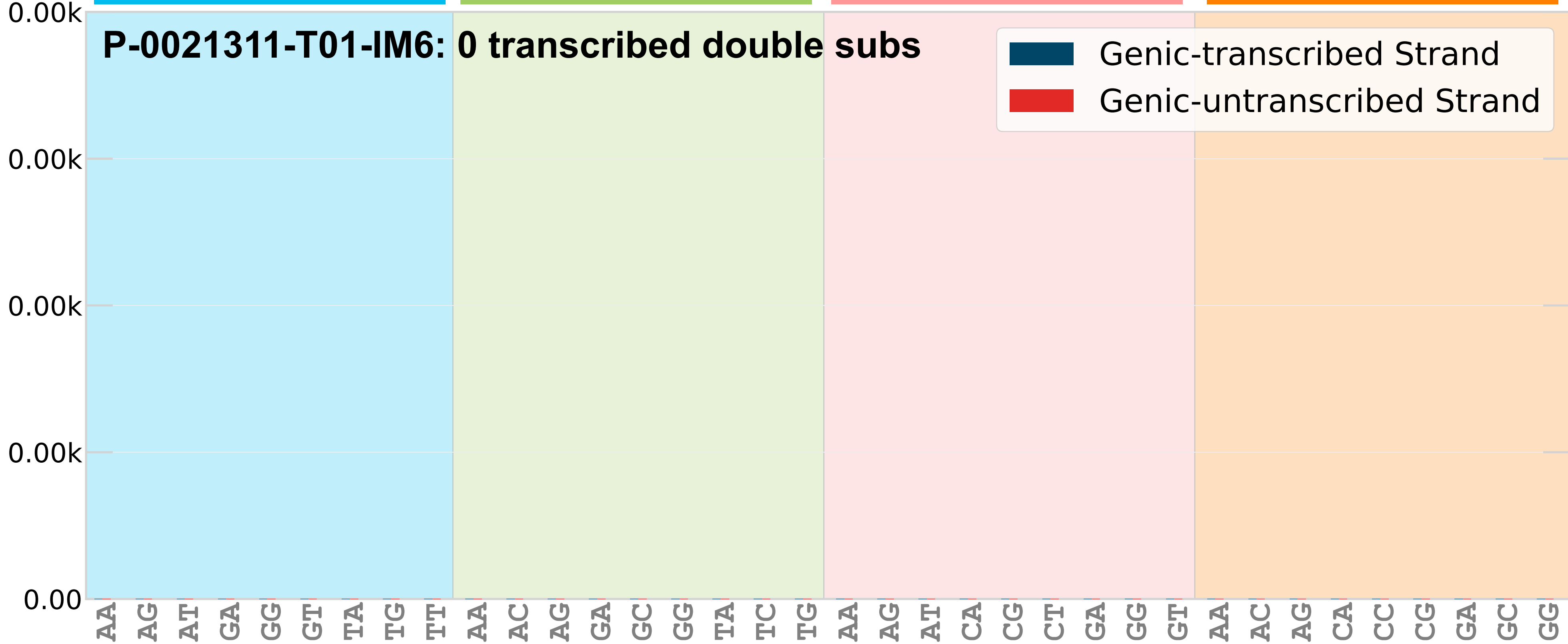
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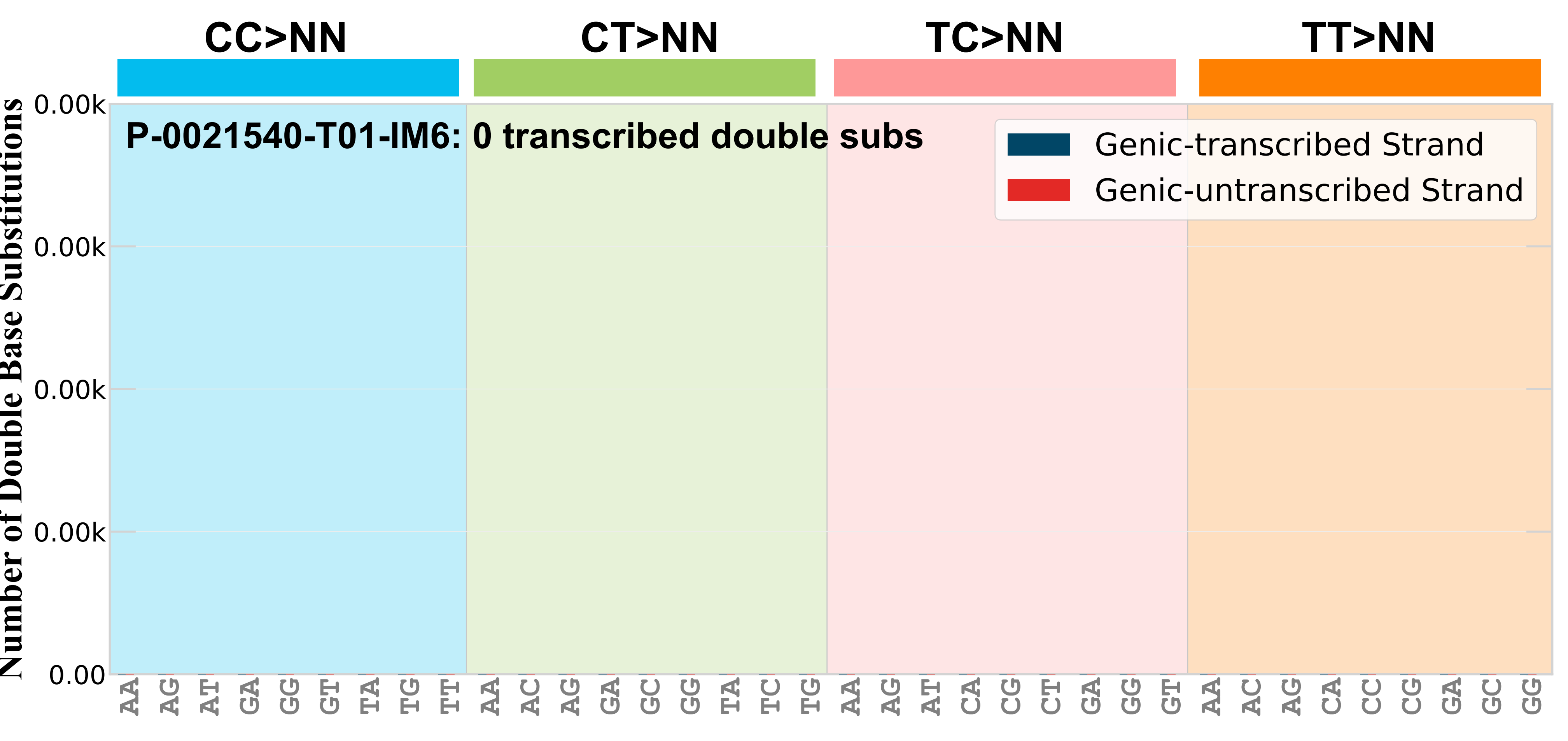


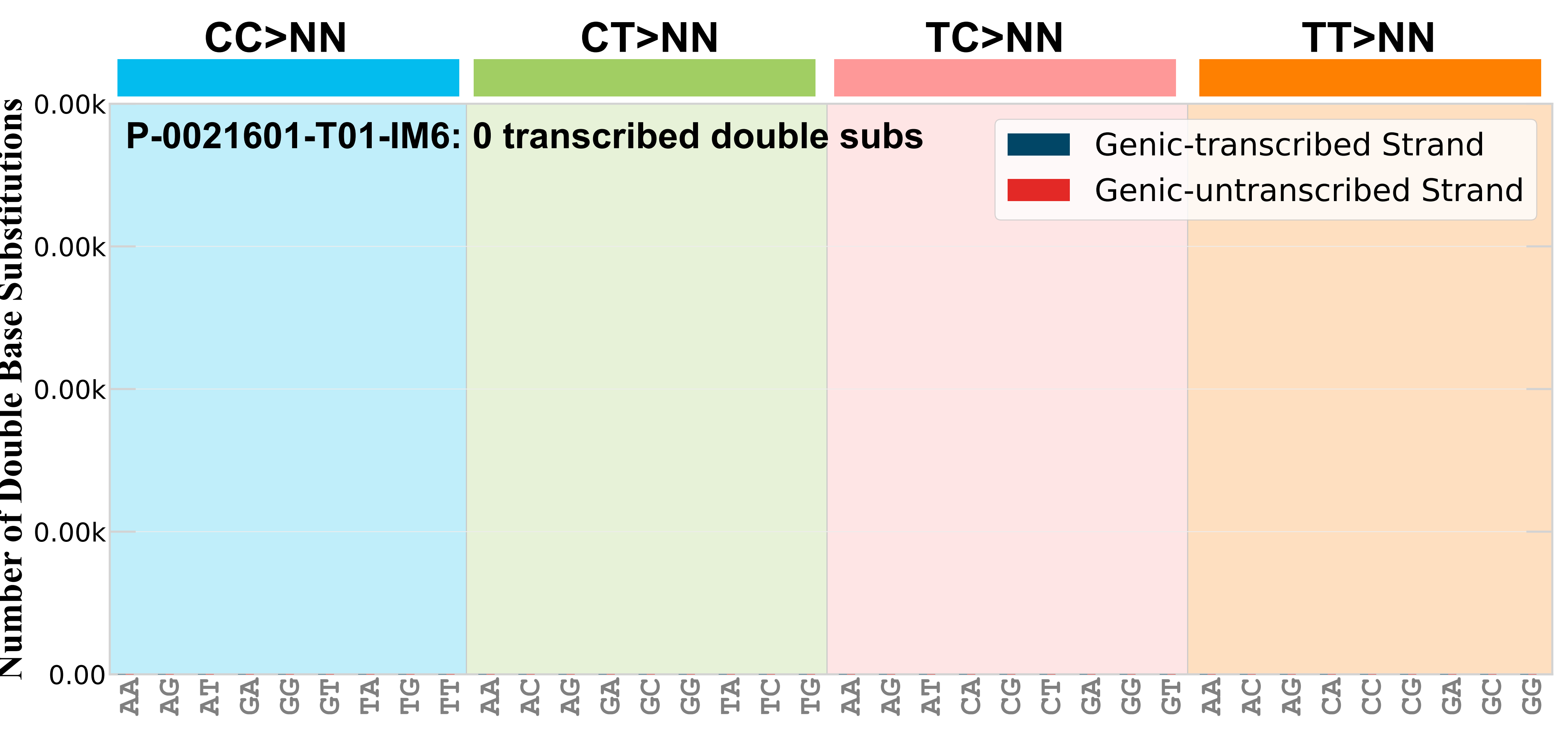




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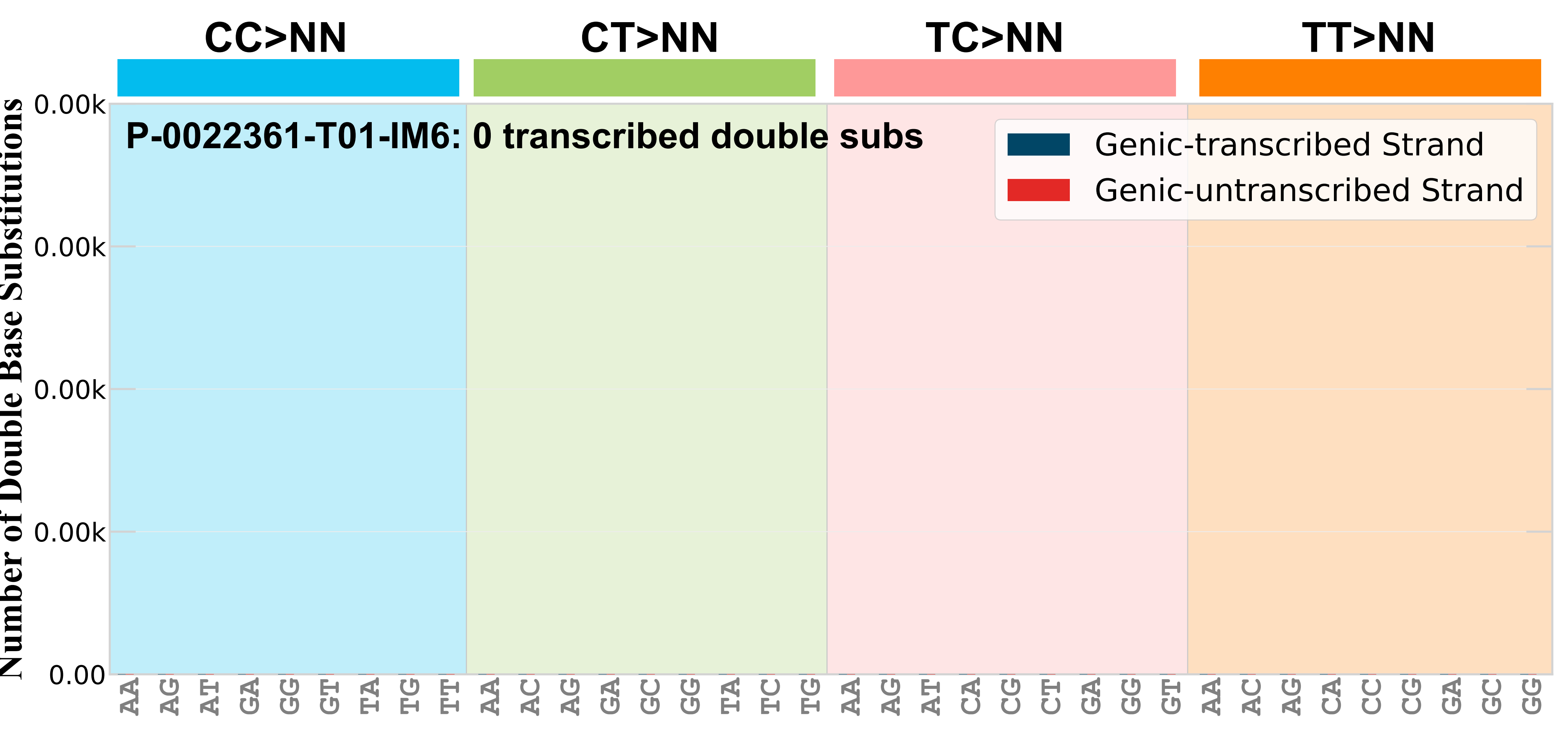




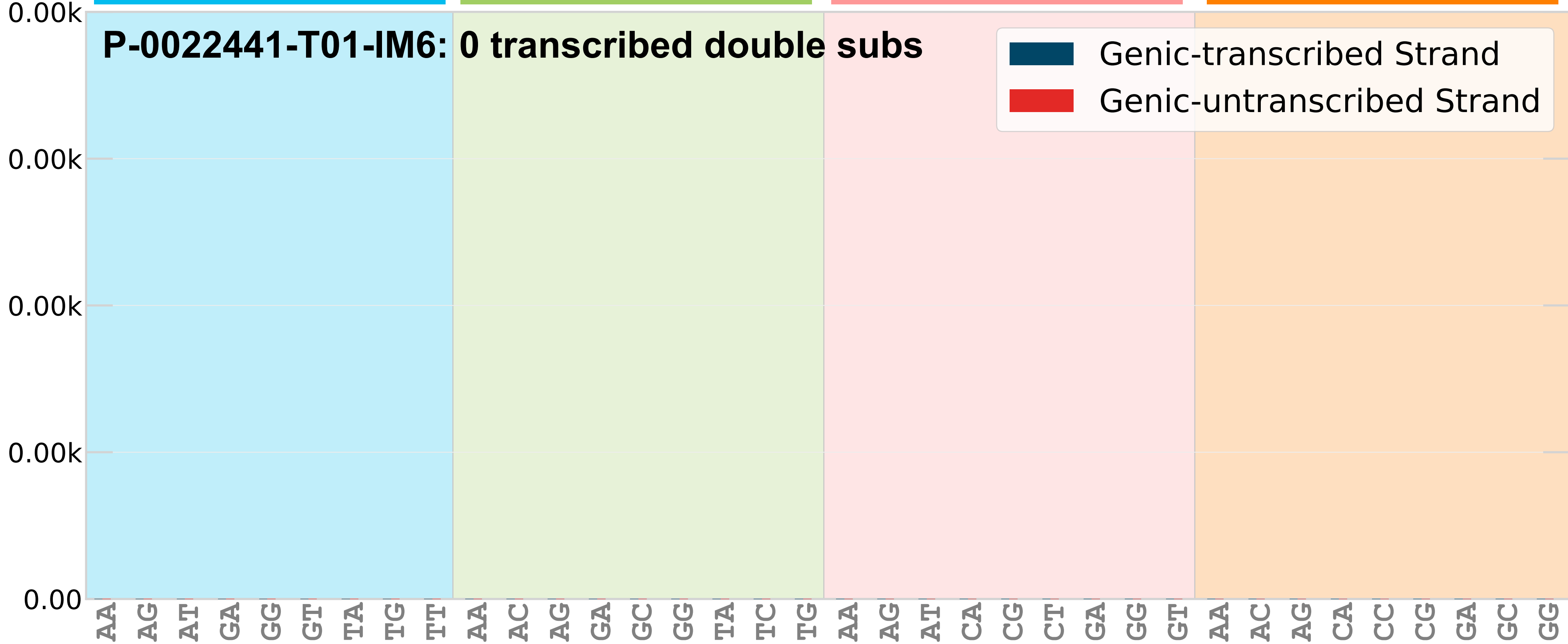


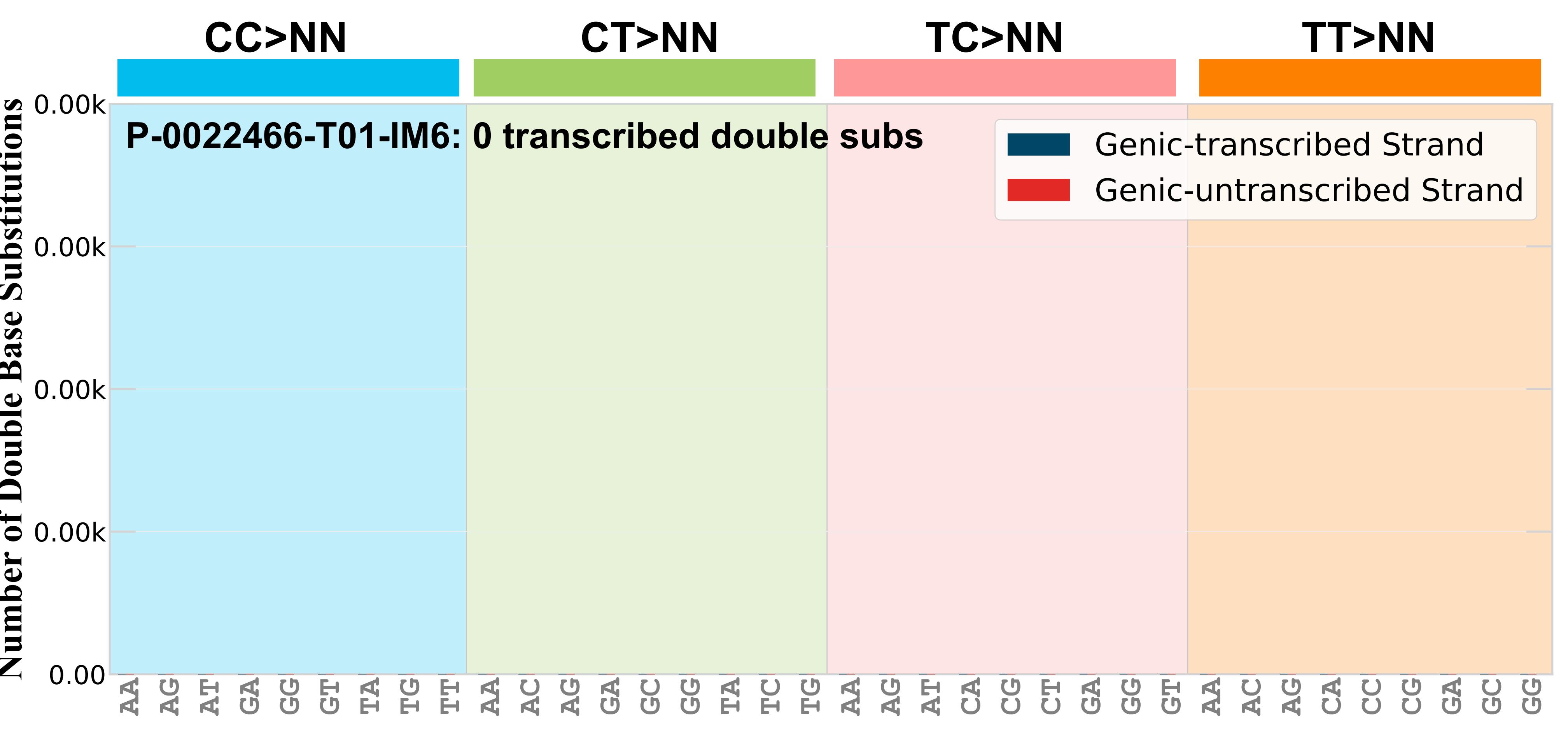


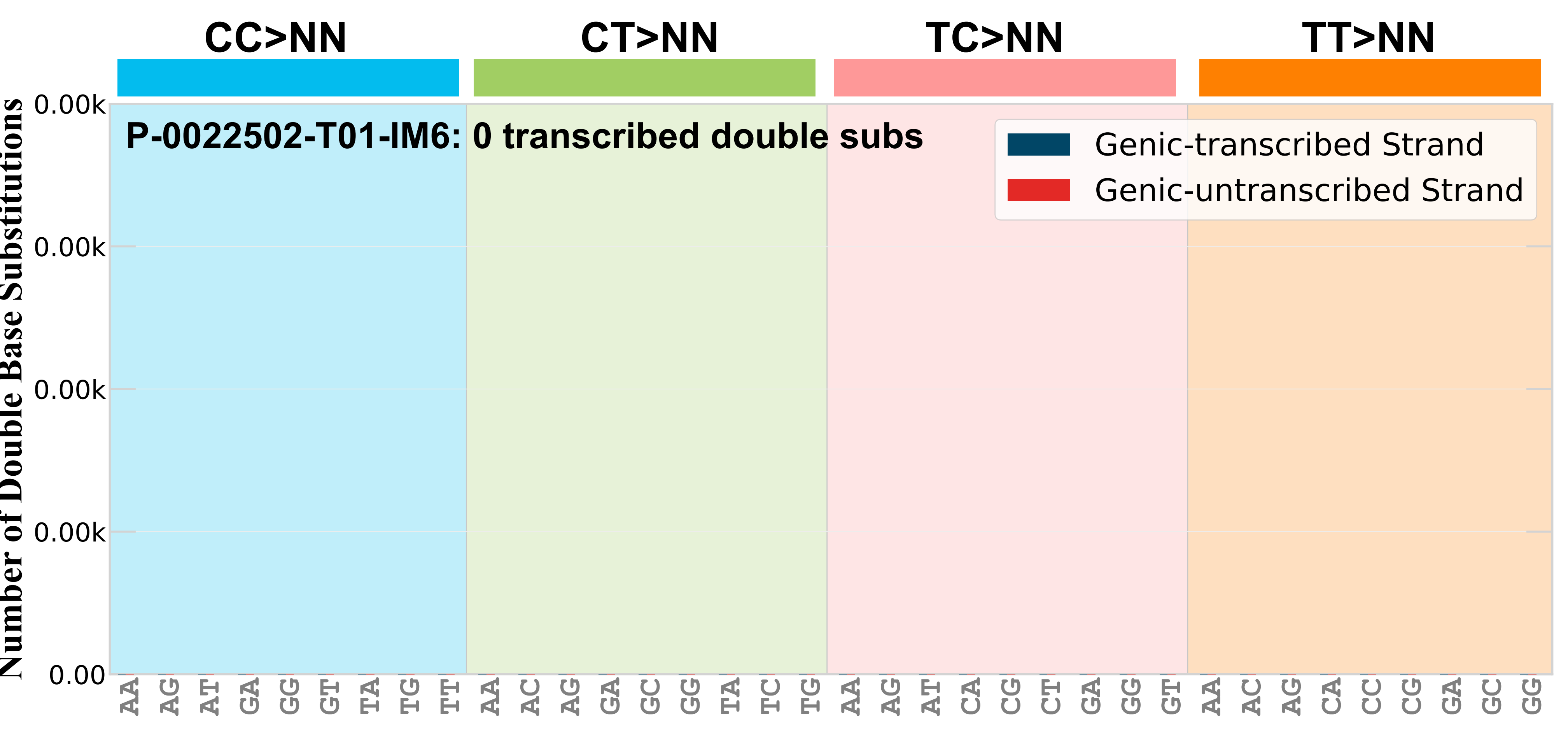


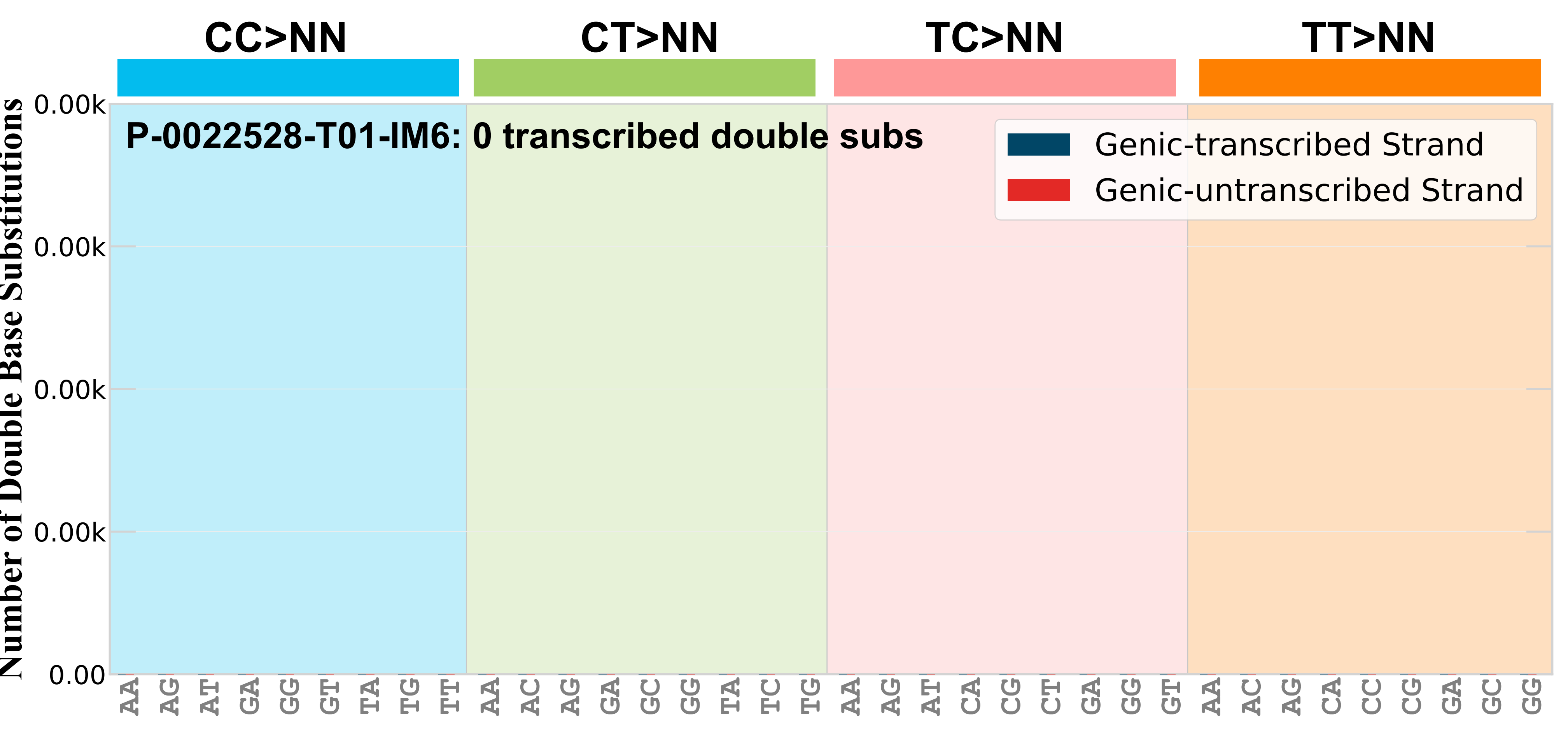


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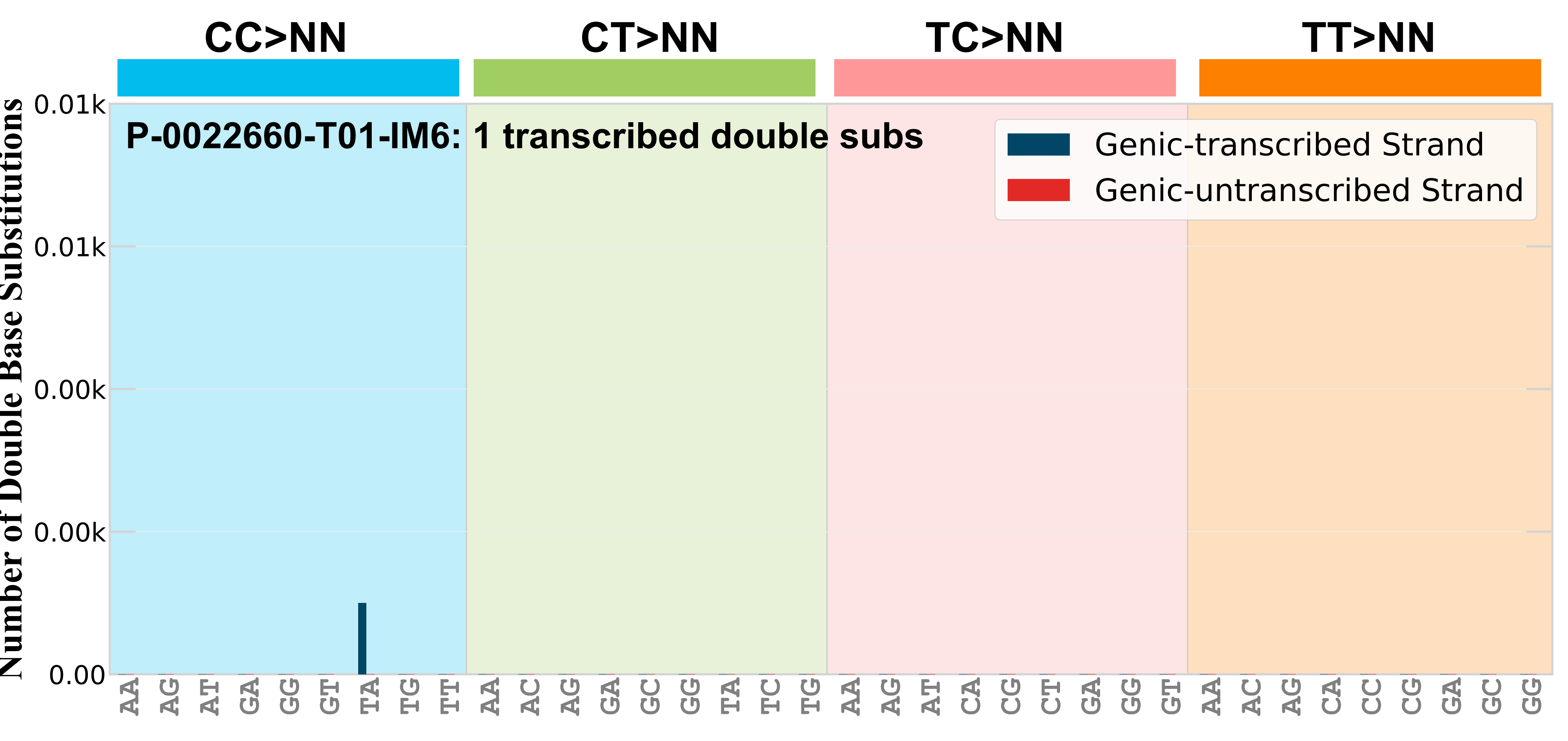


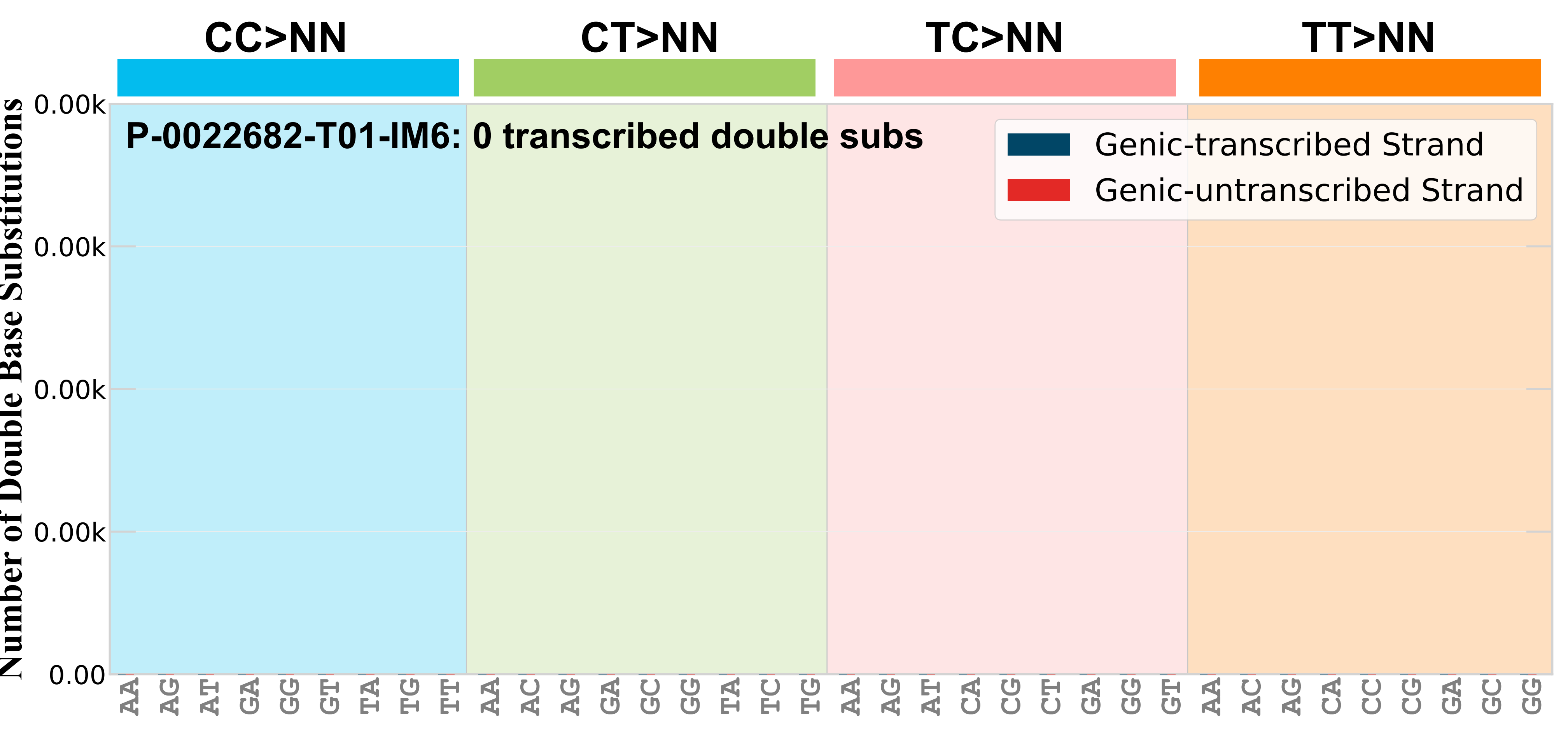


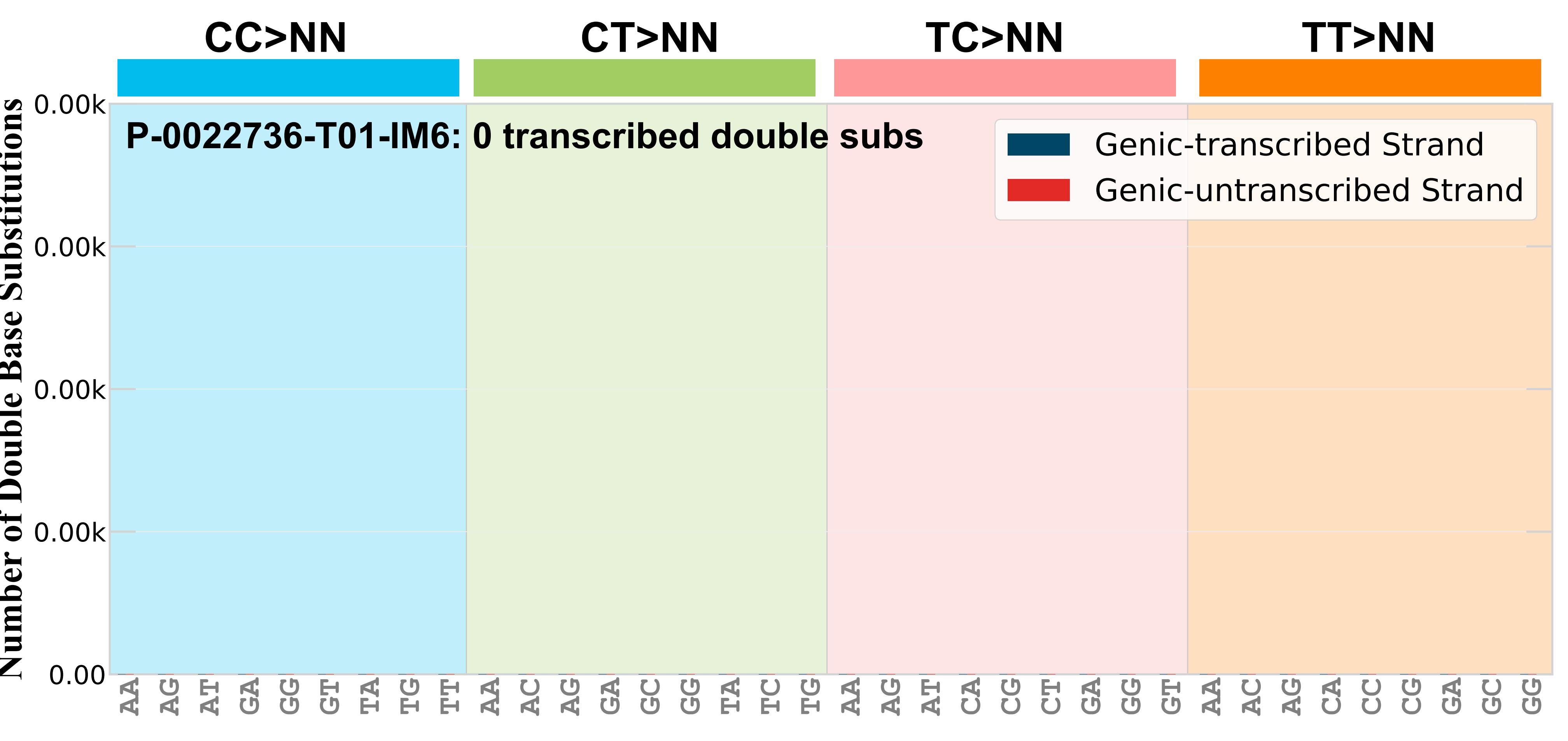










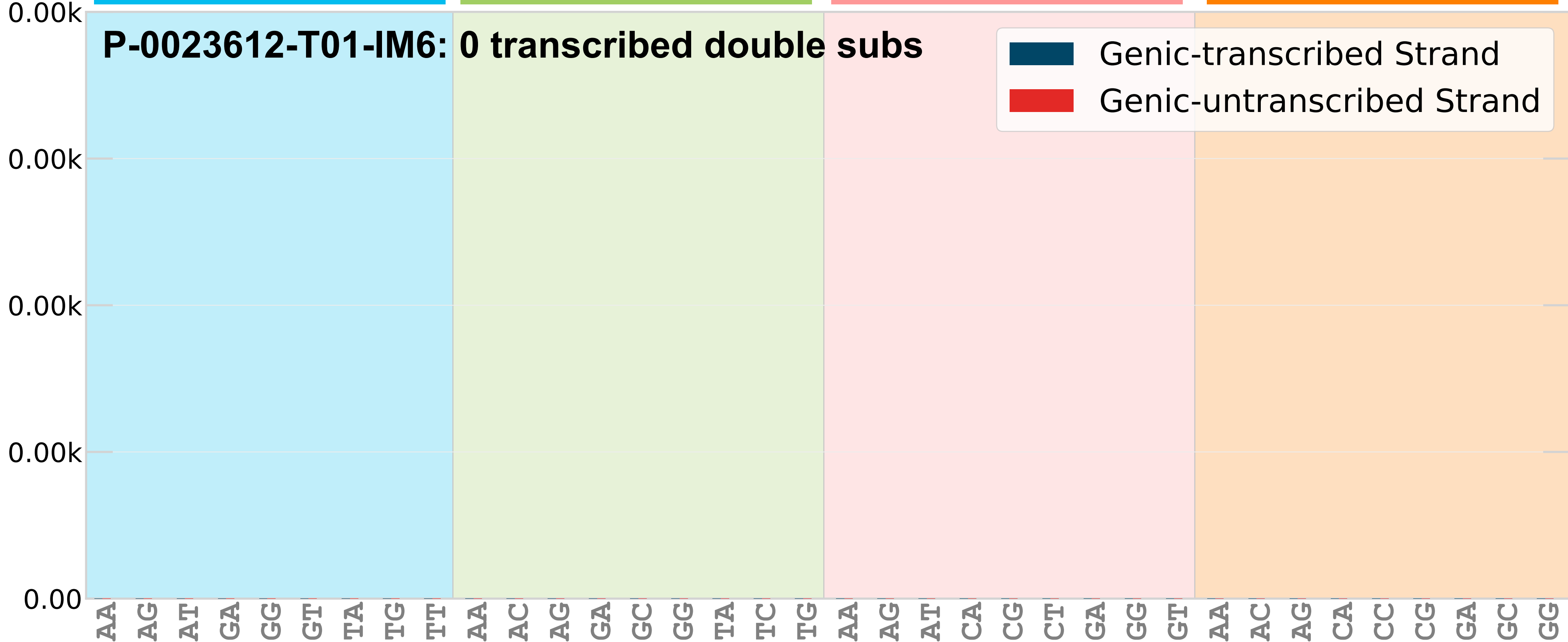




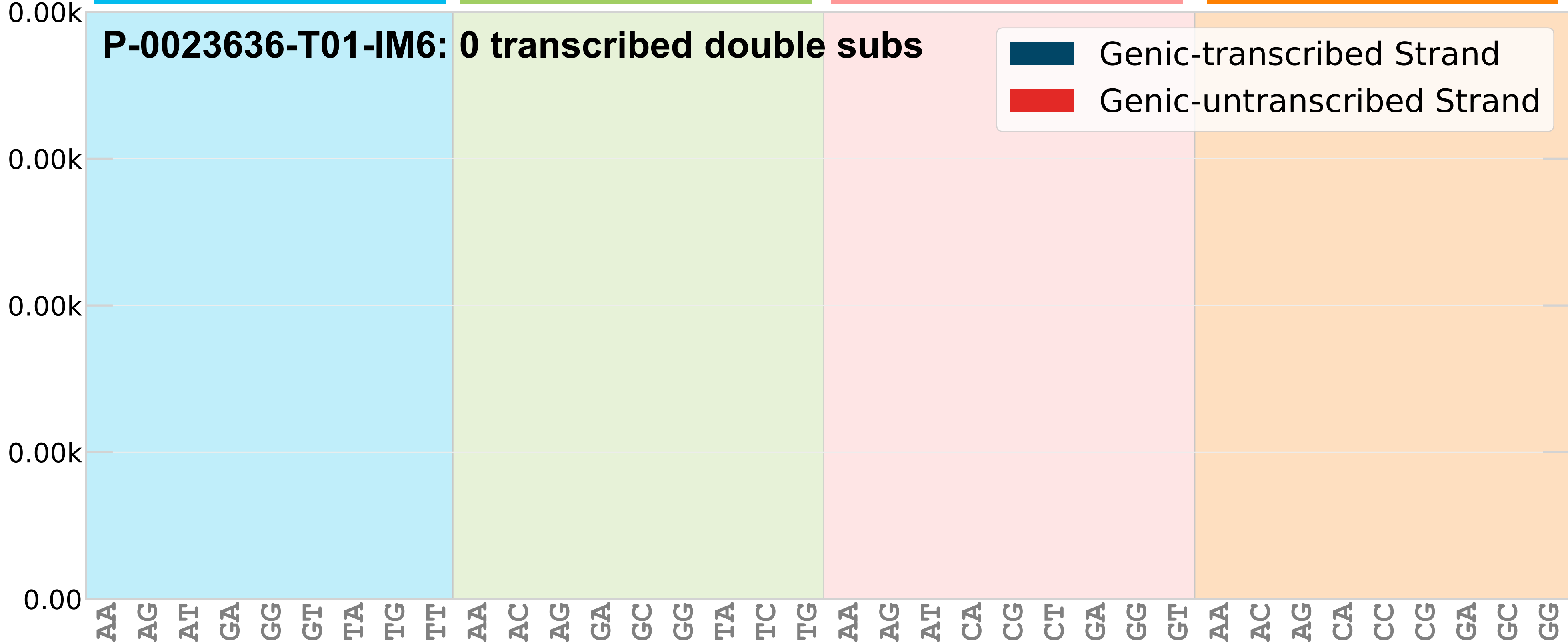




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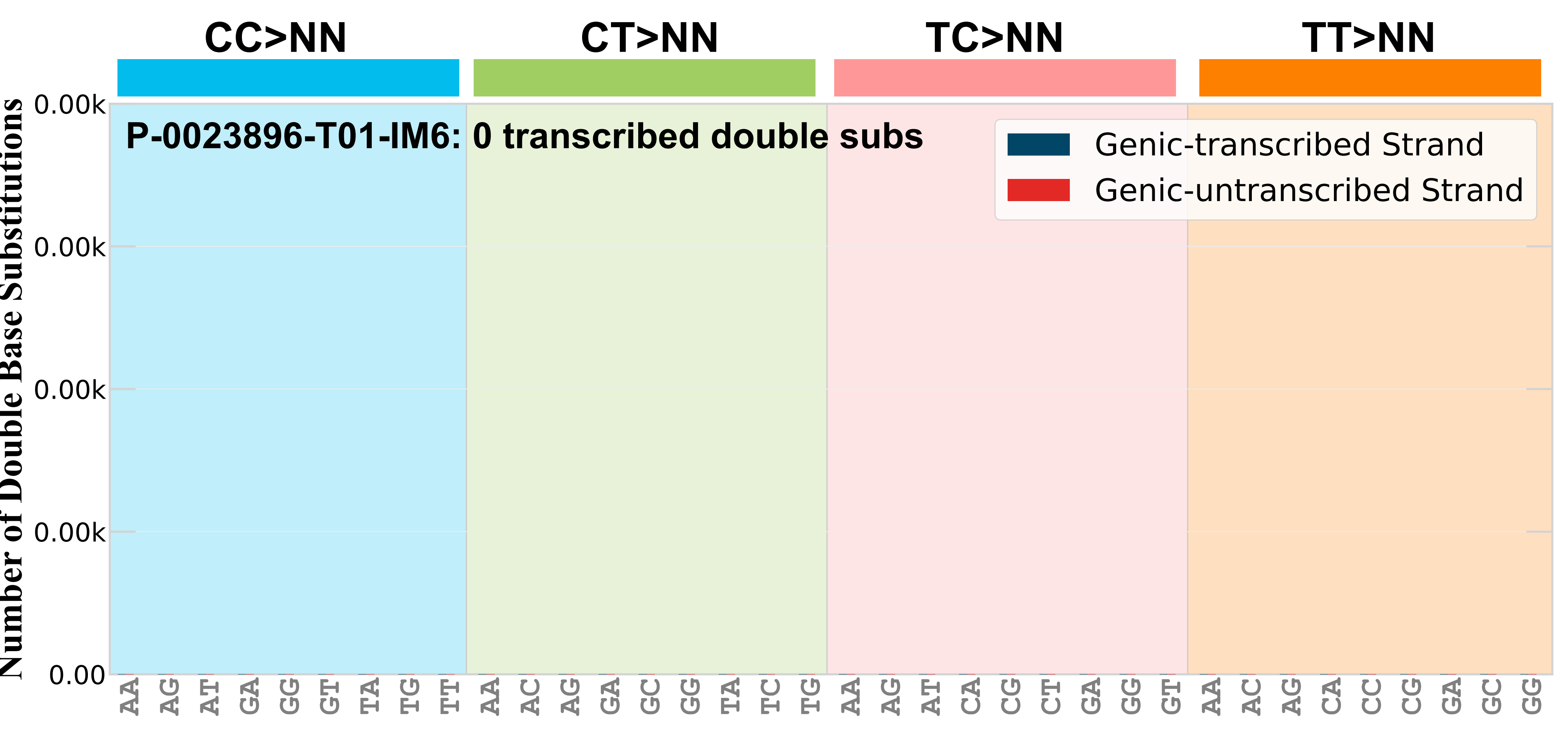


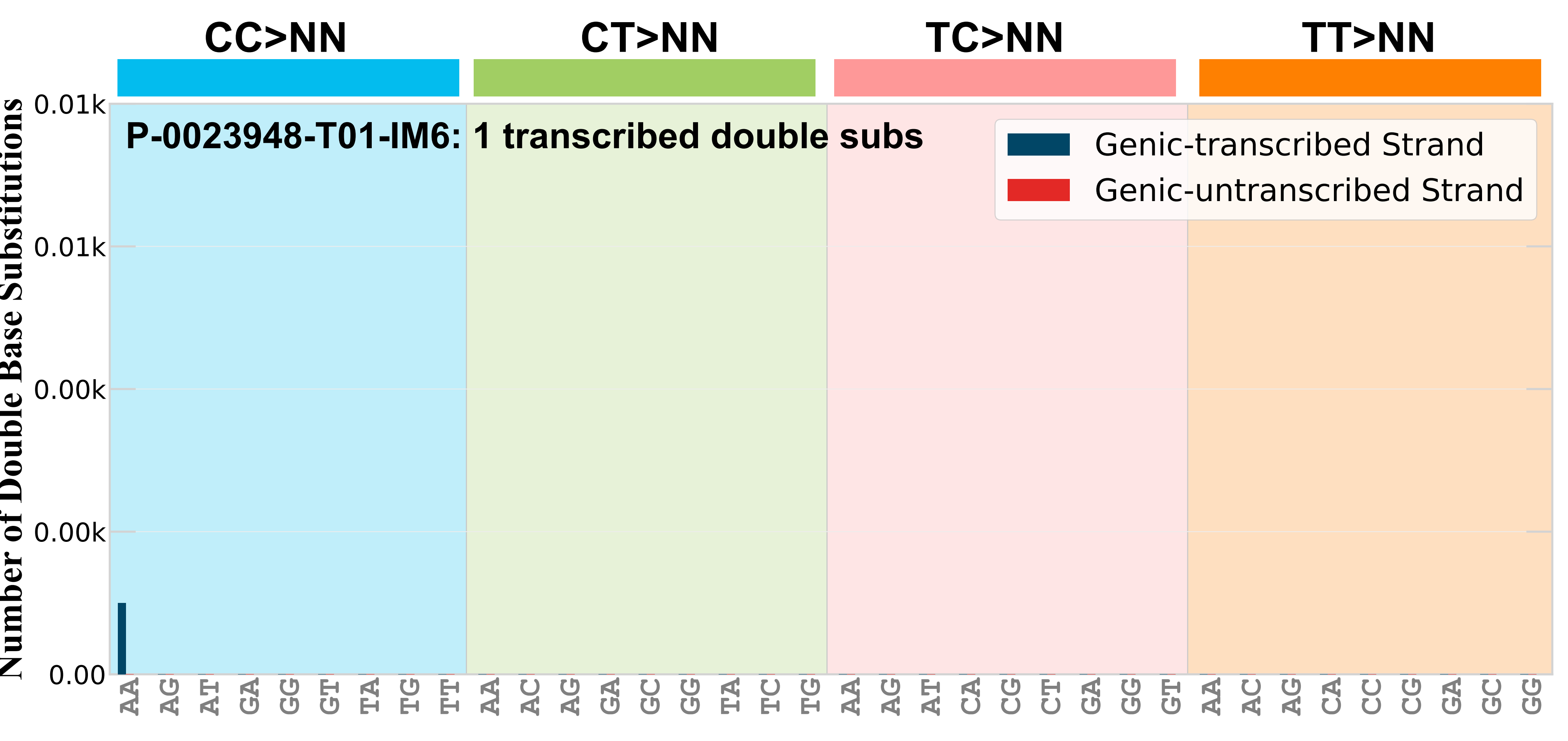
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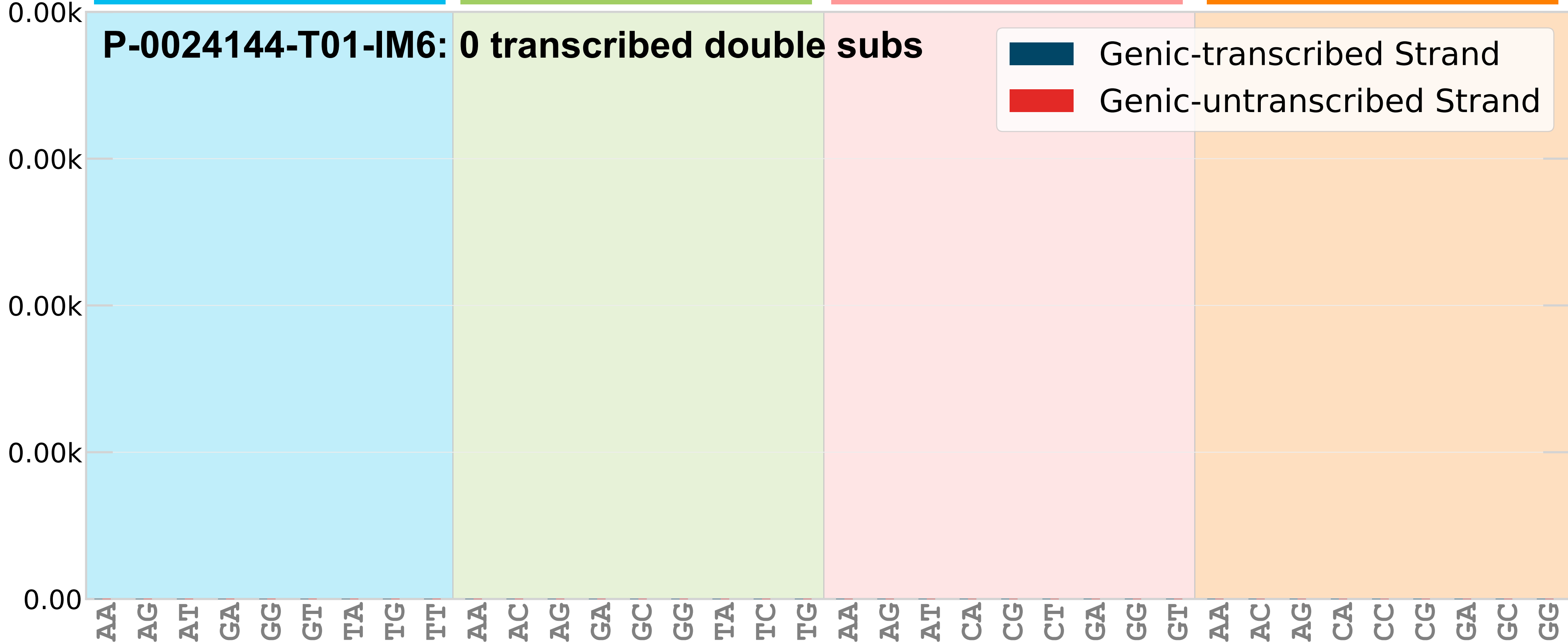




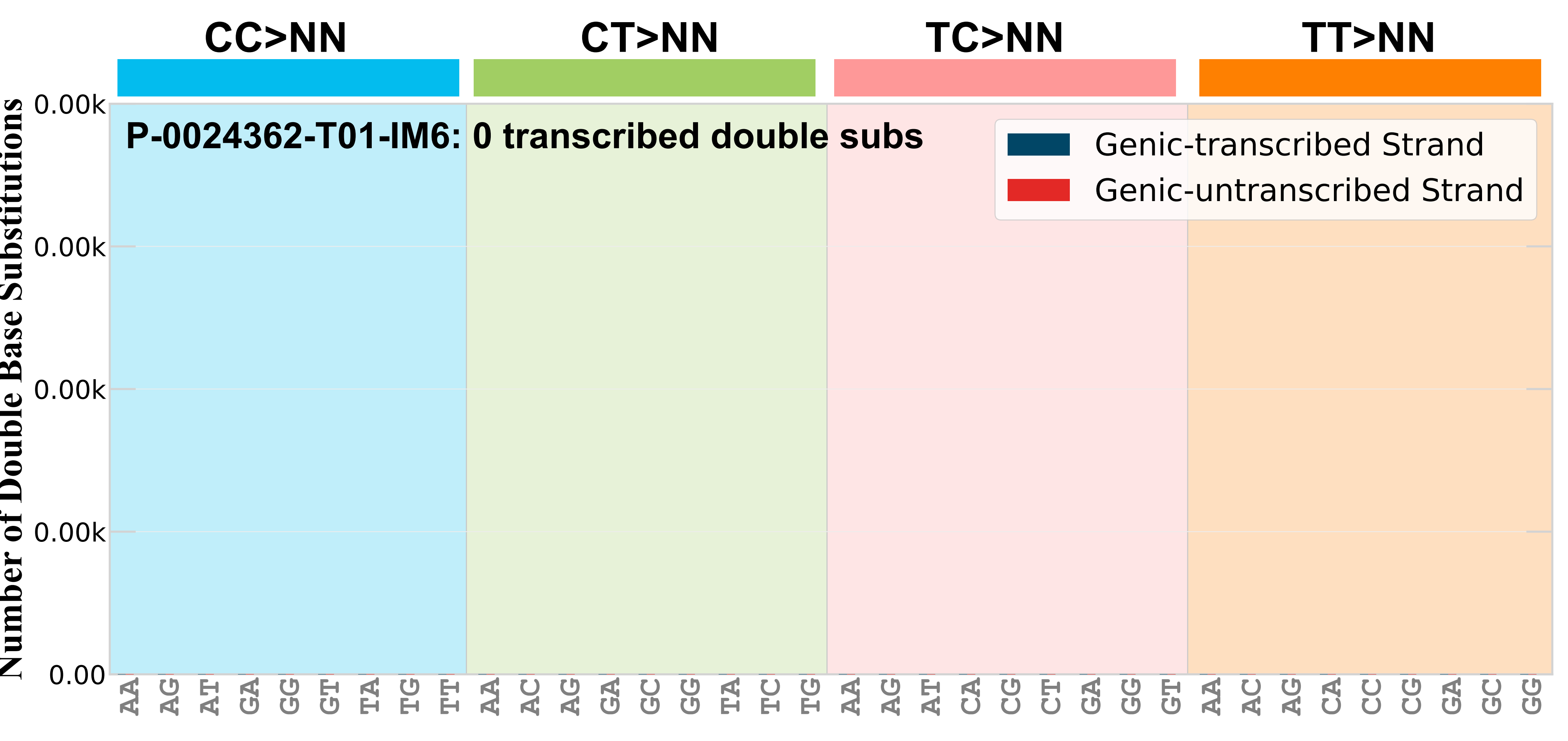


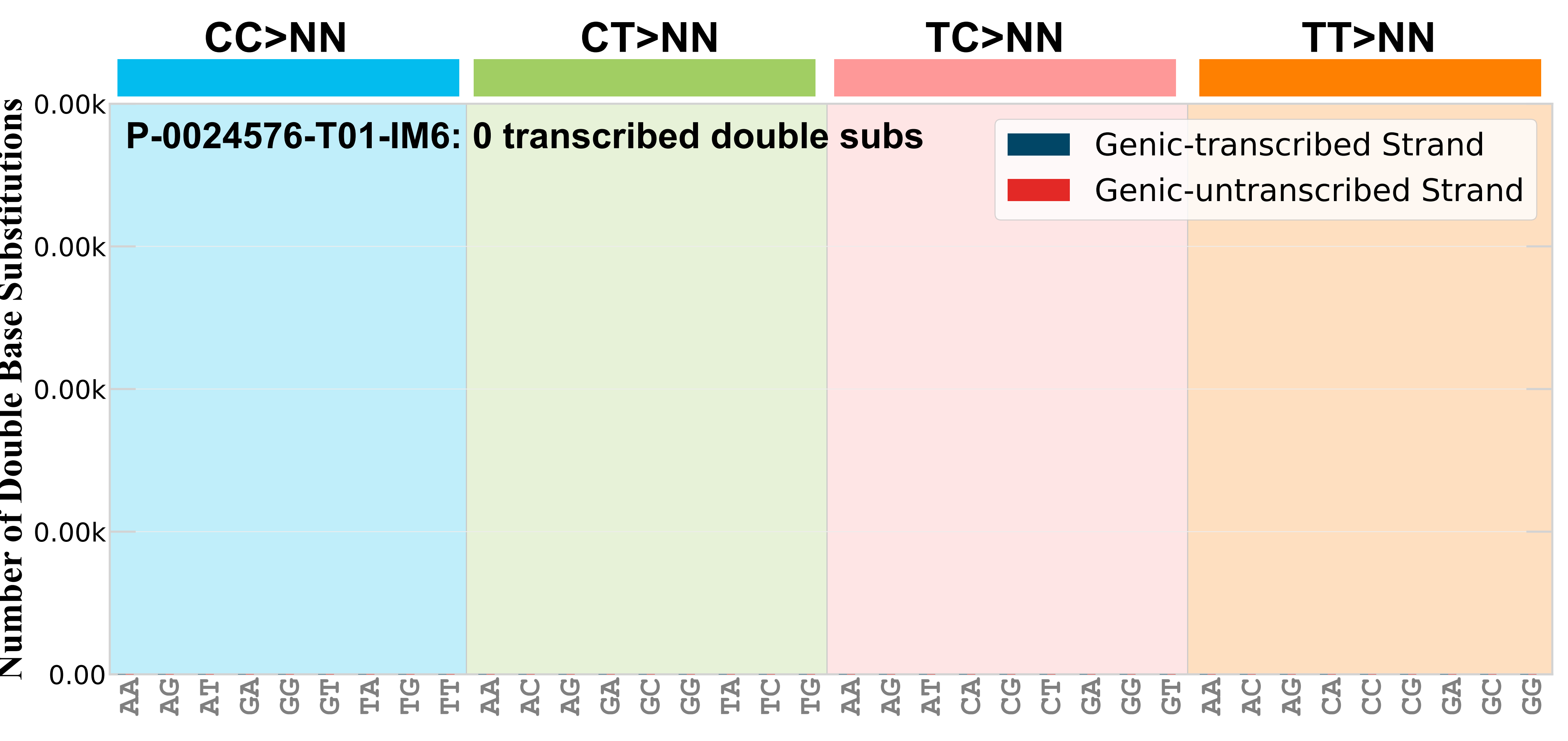


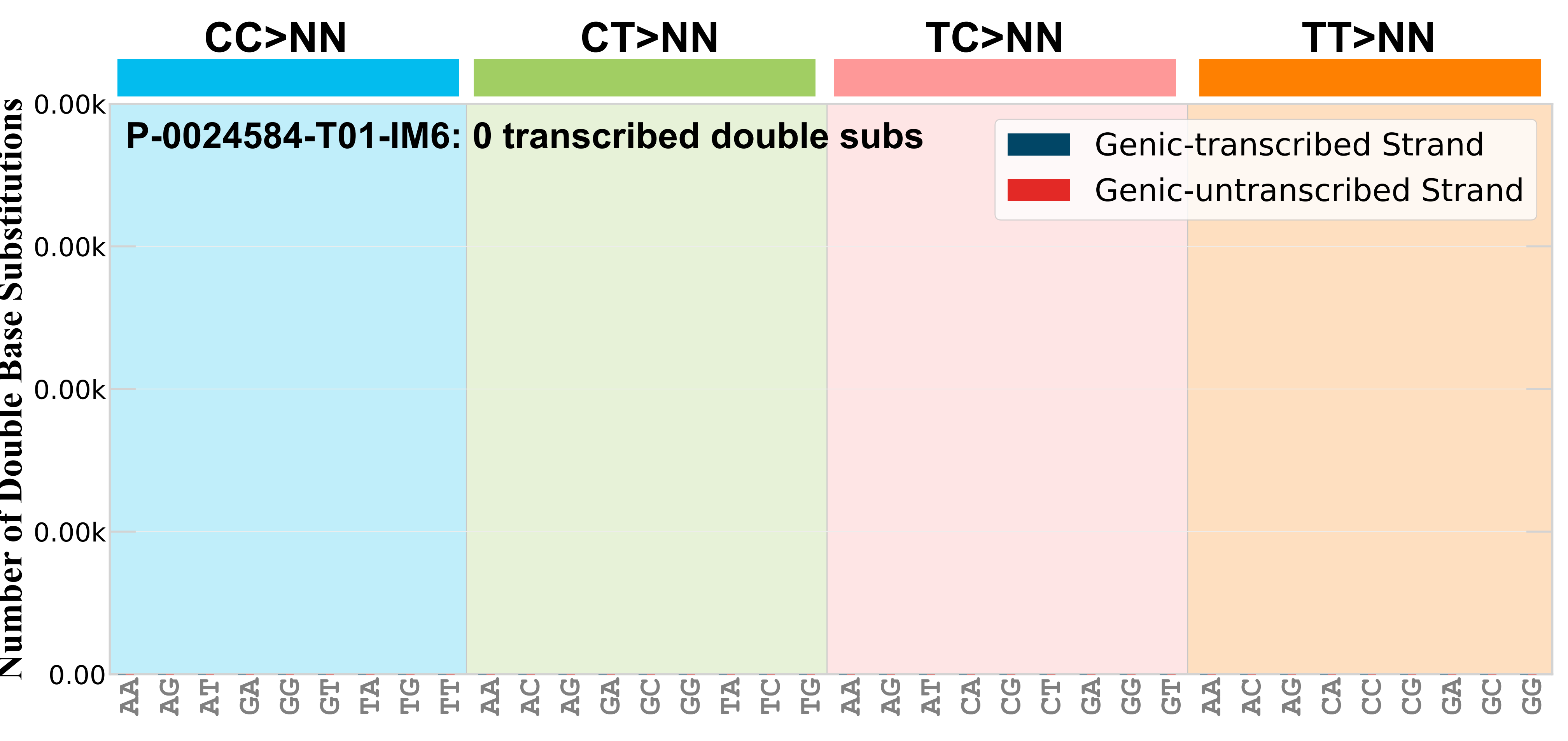
# TT>NN



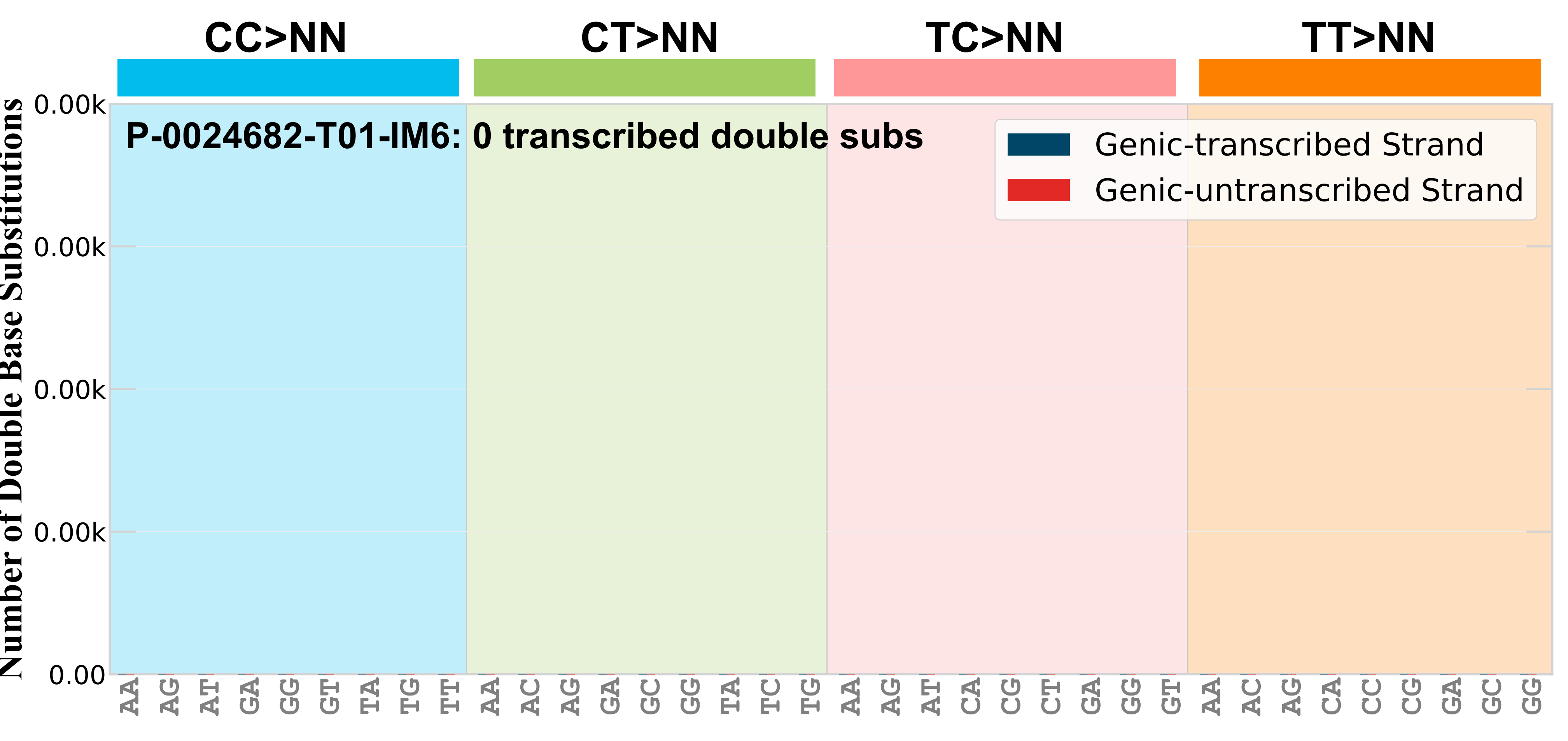


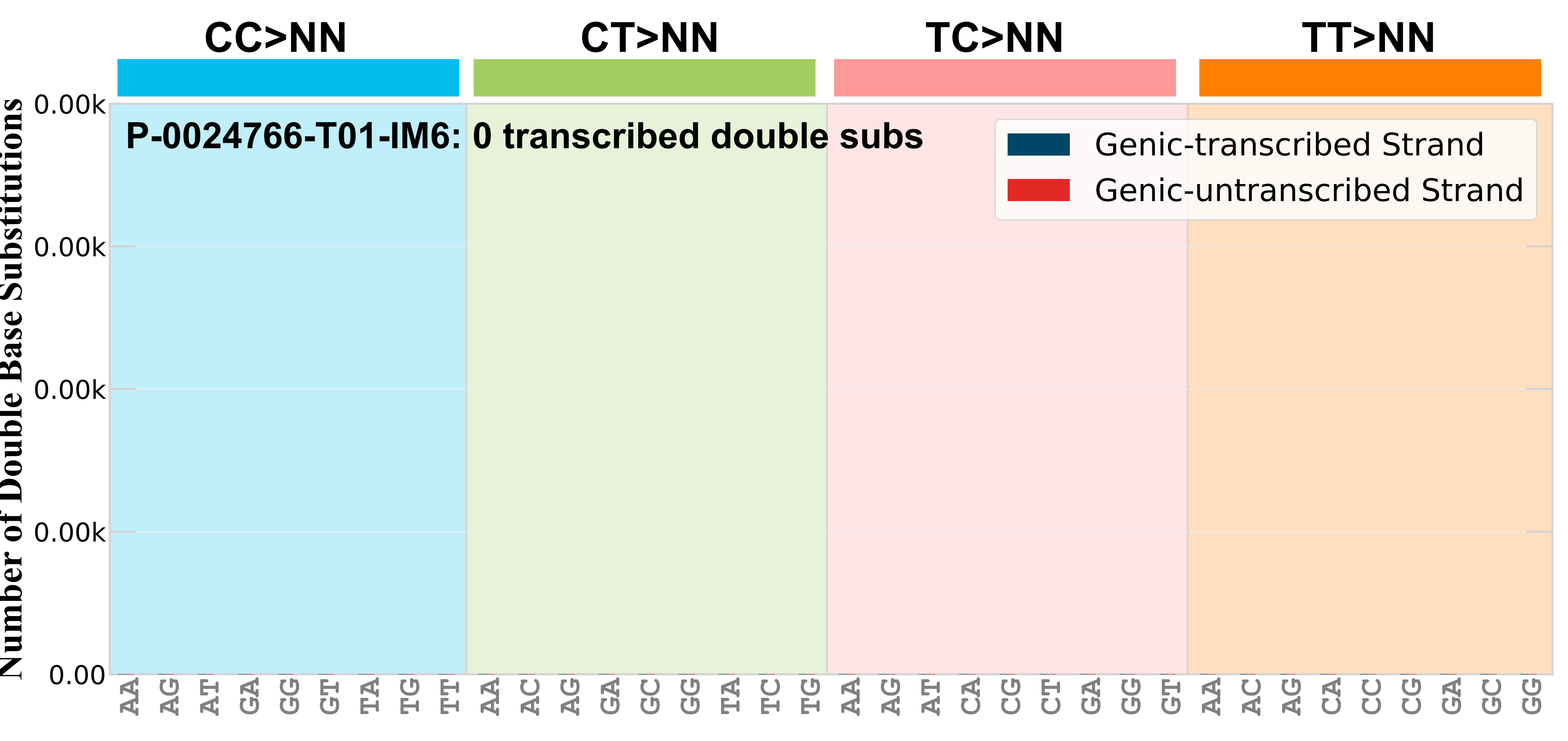


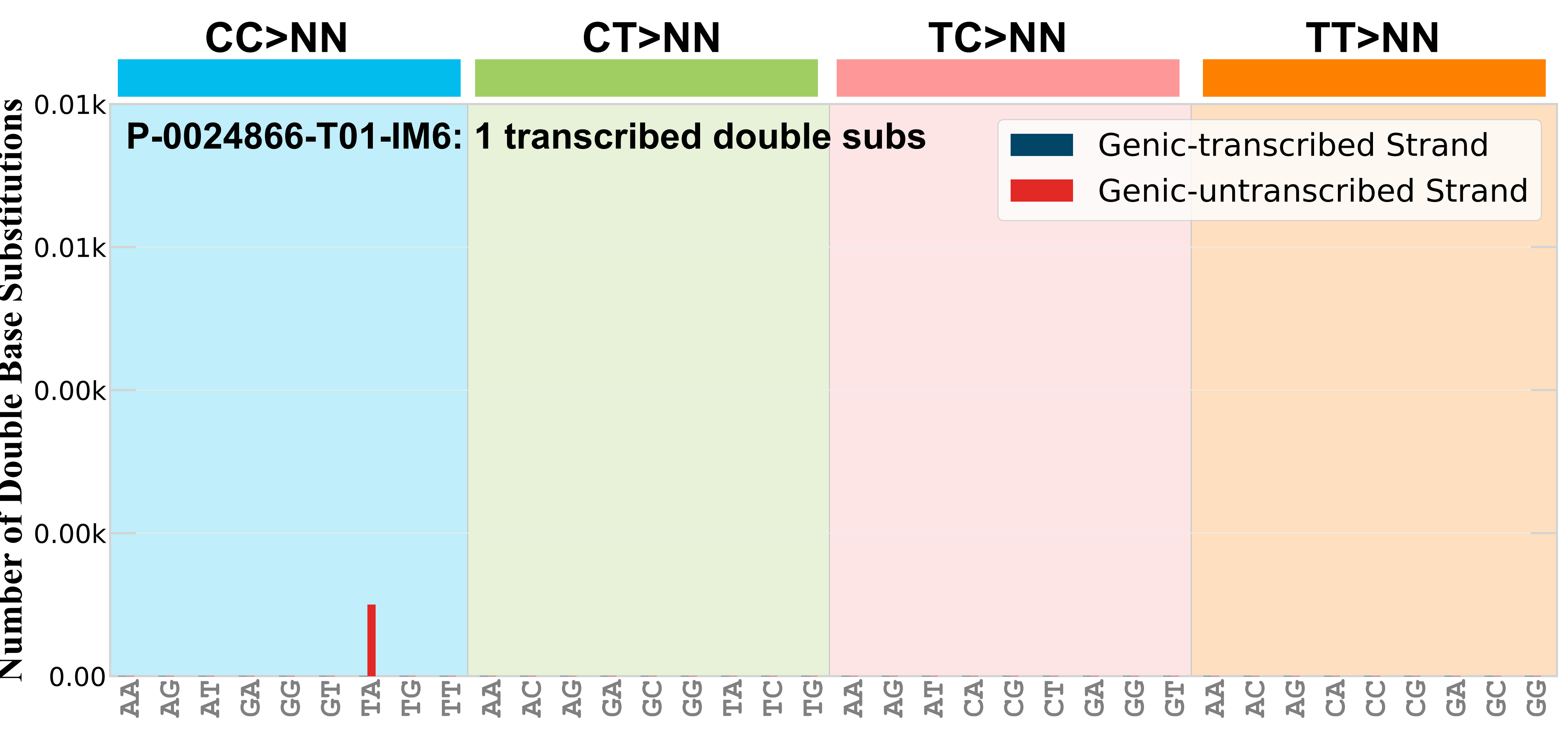


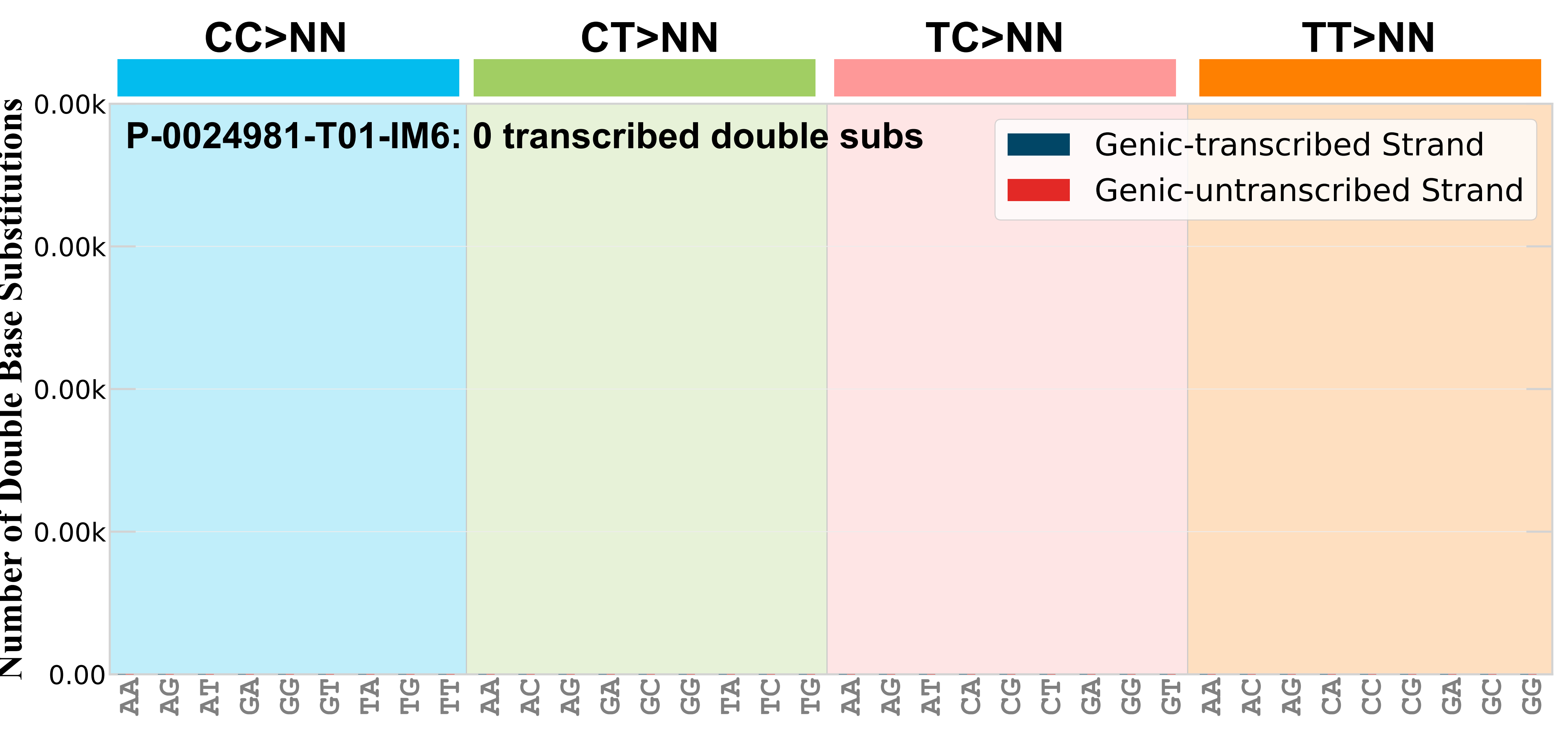


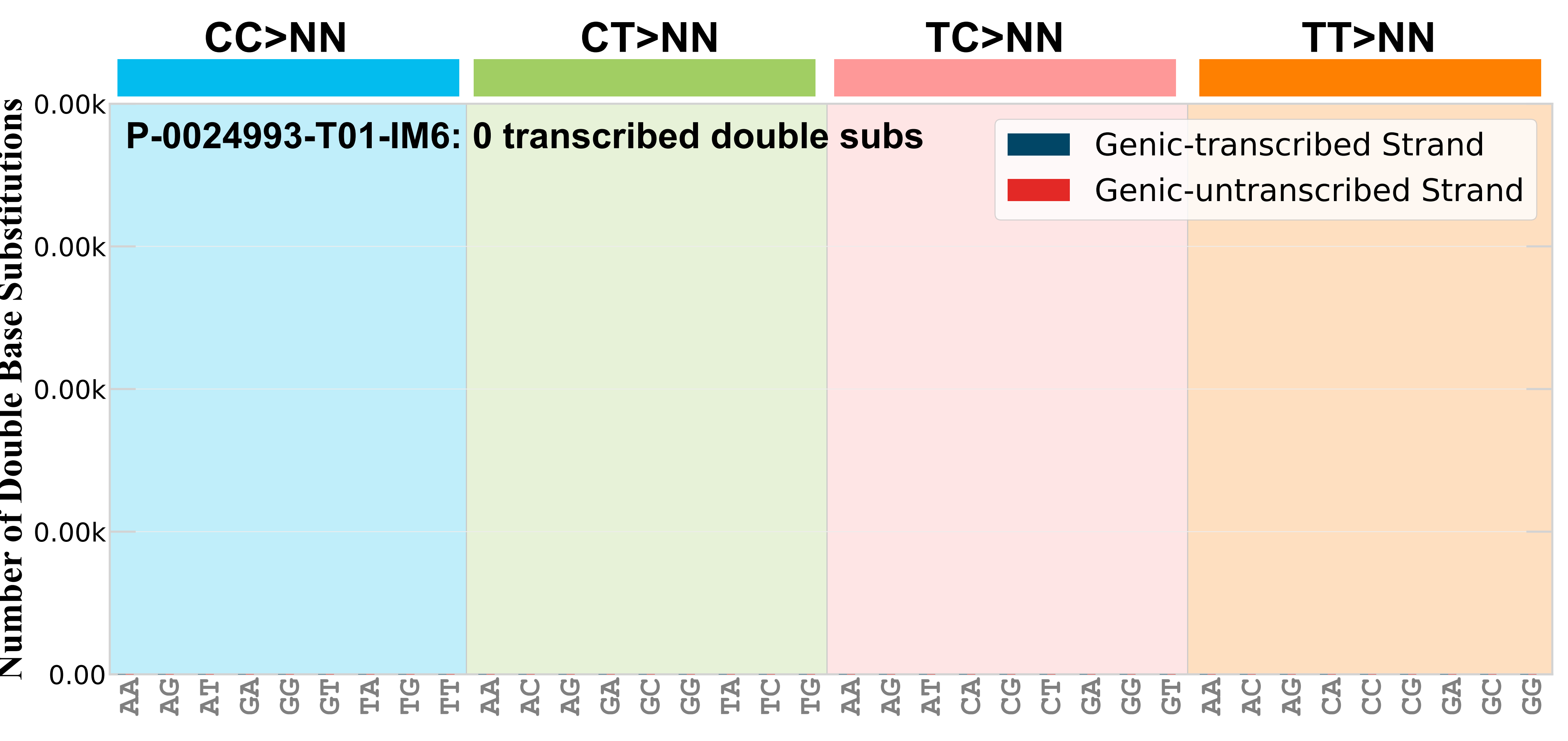




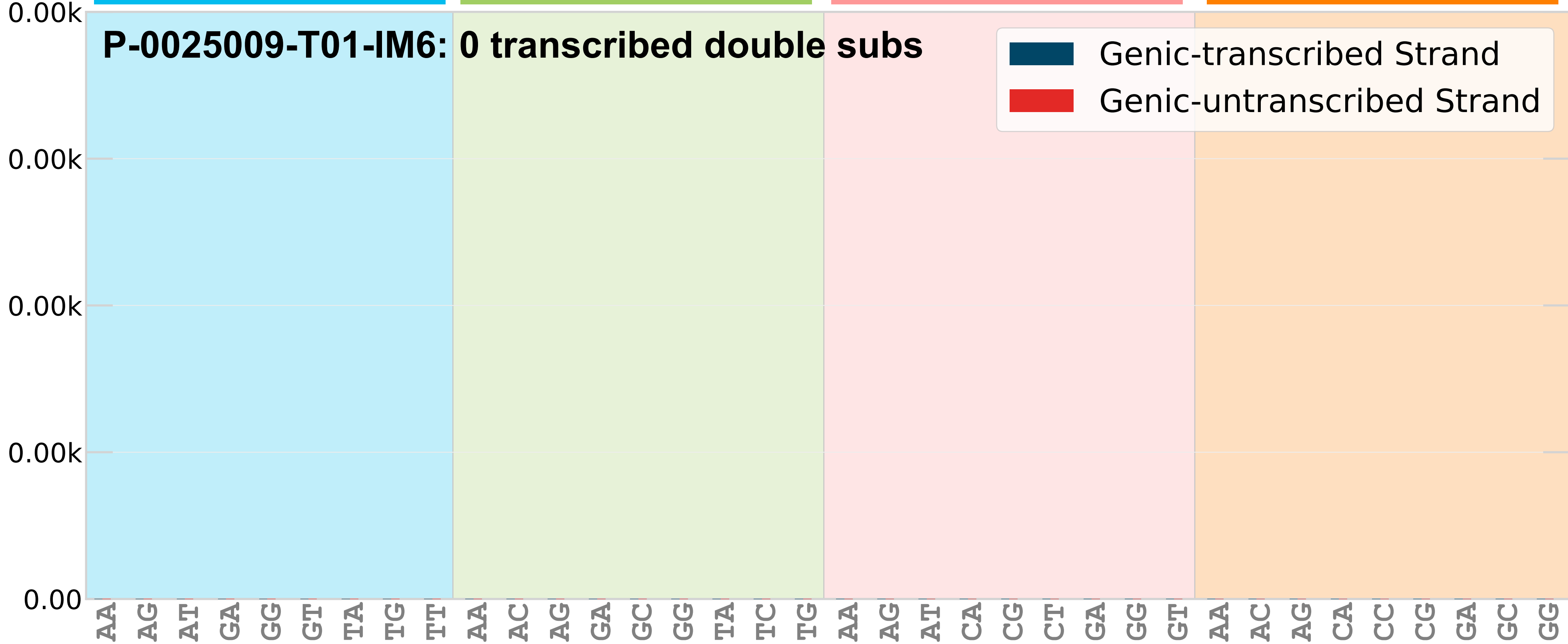




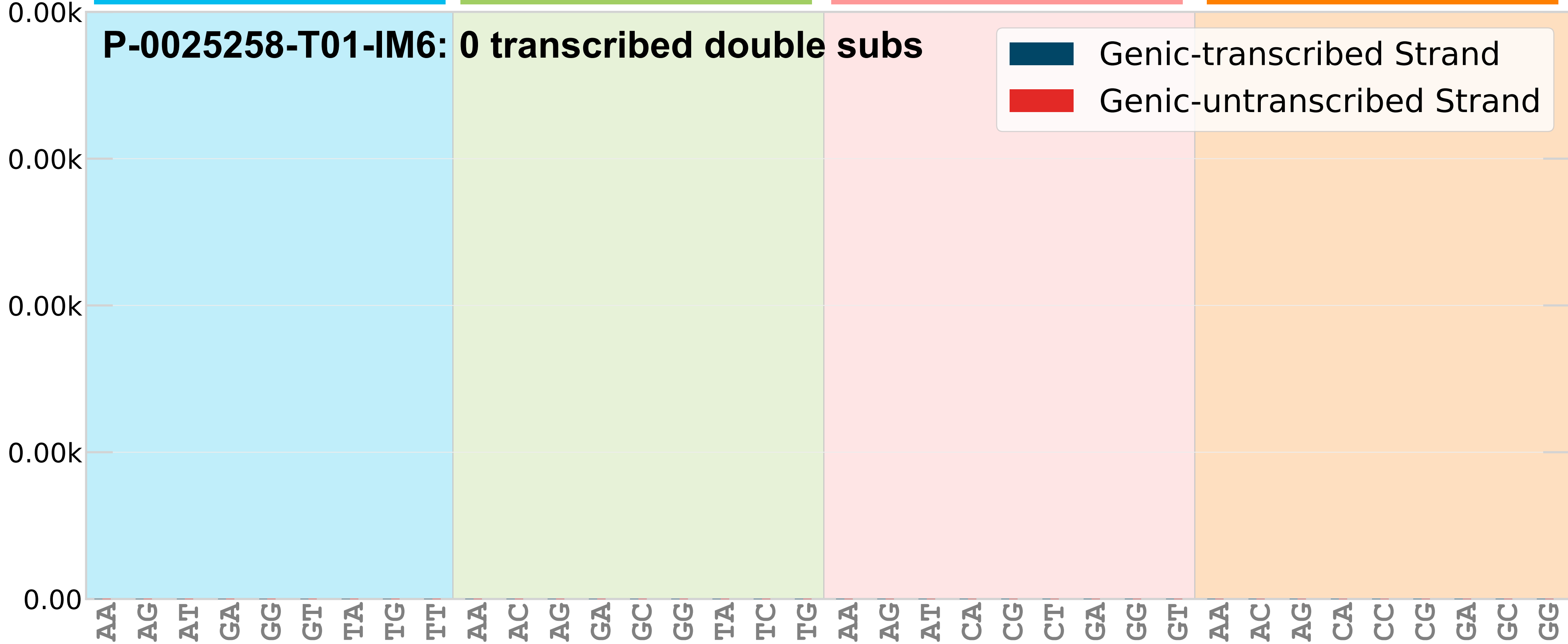


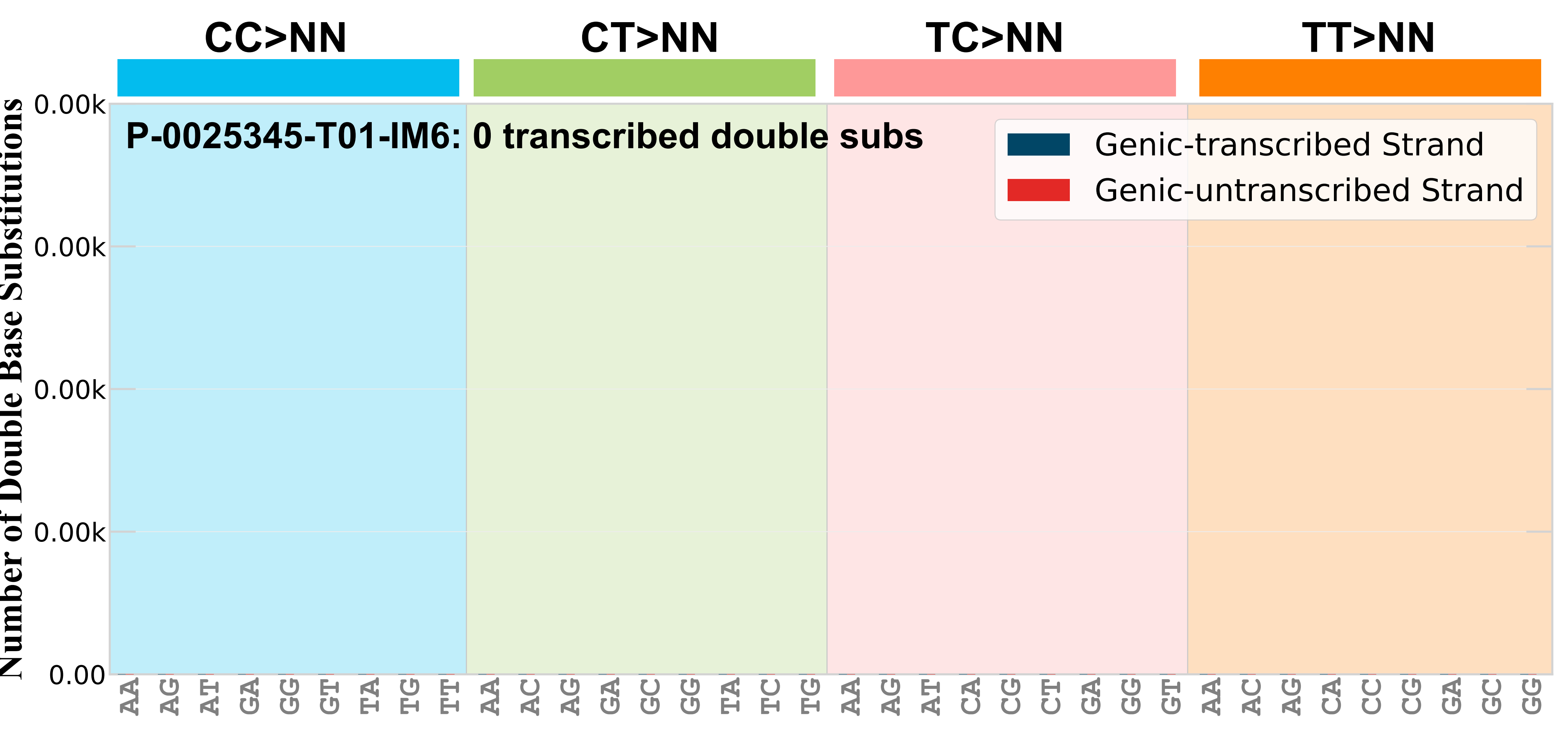


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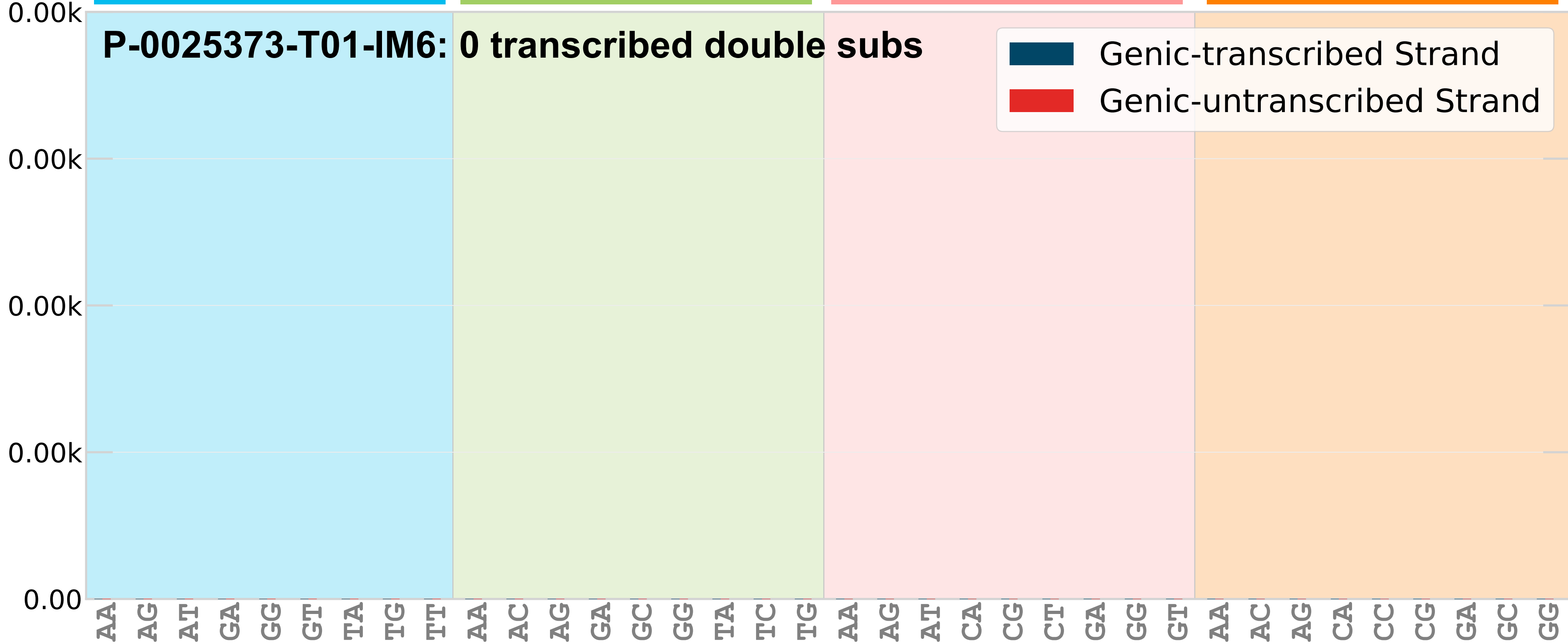
**TT>NN**





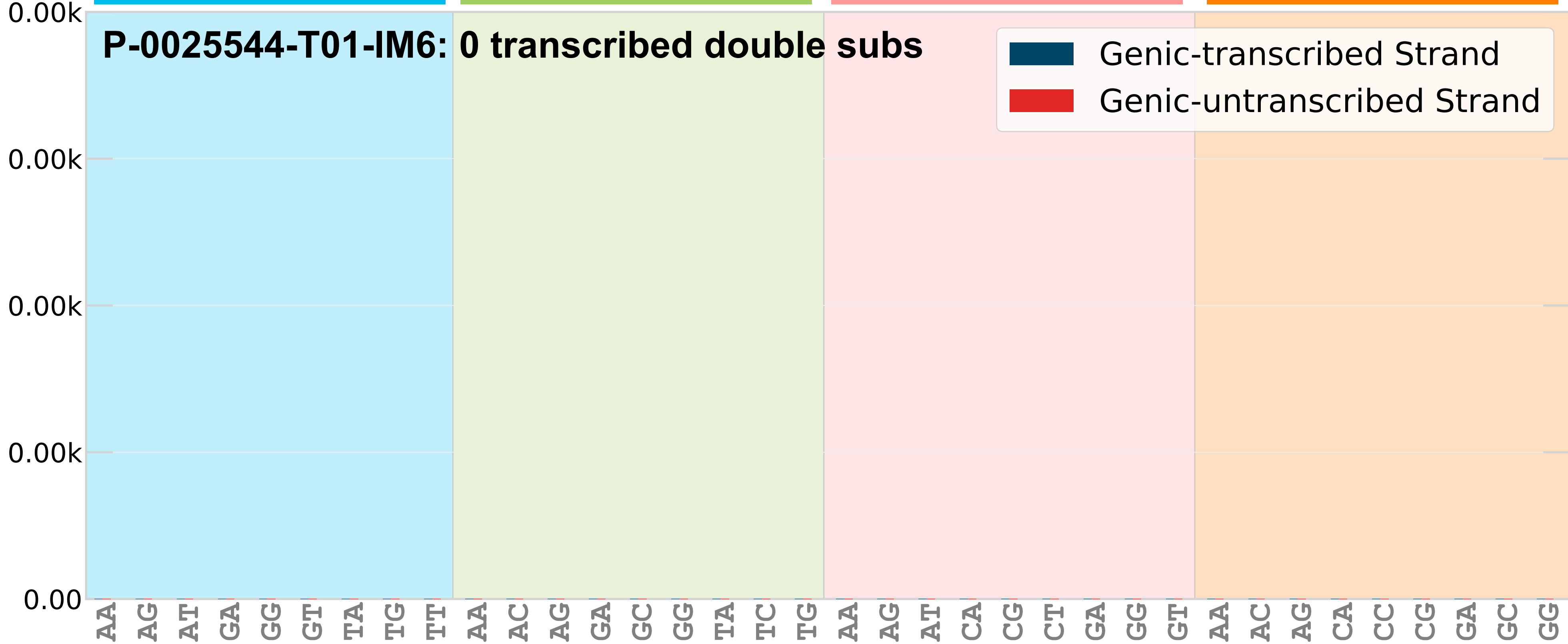


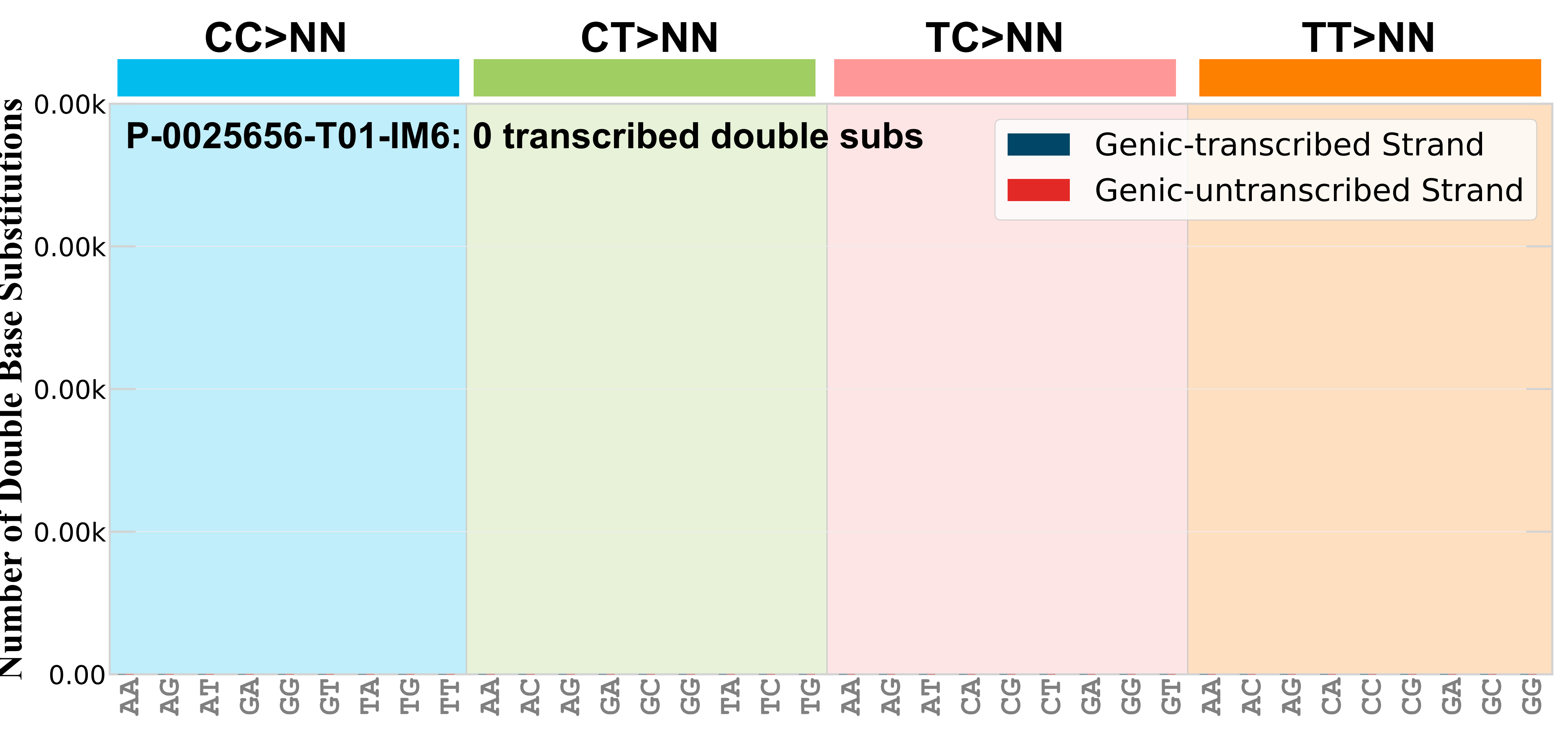
# TT>NN



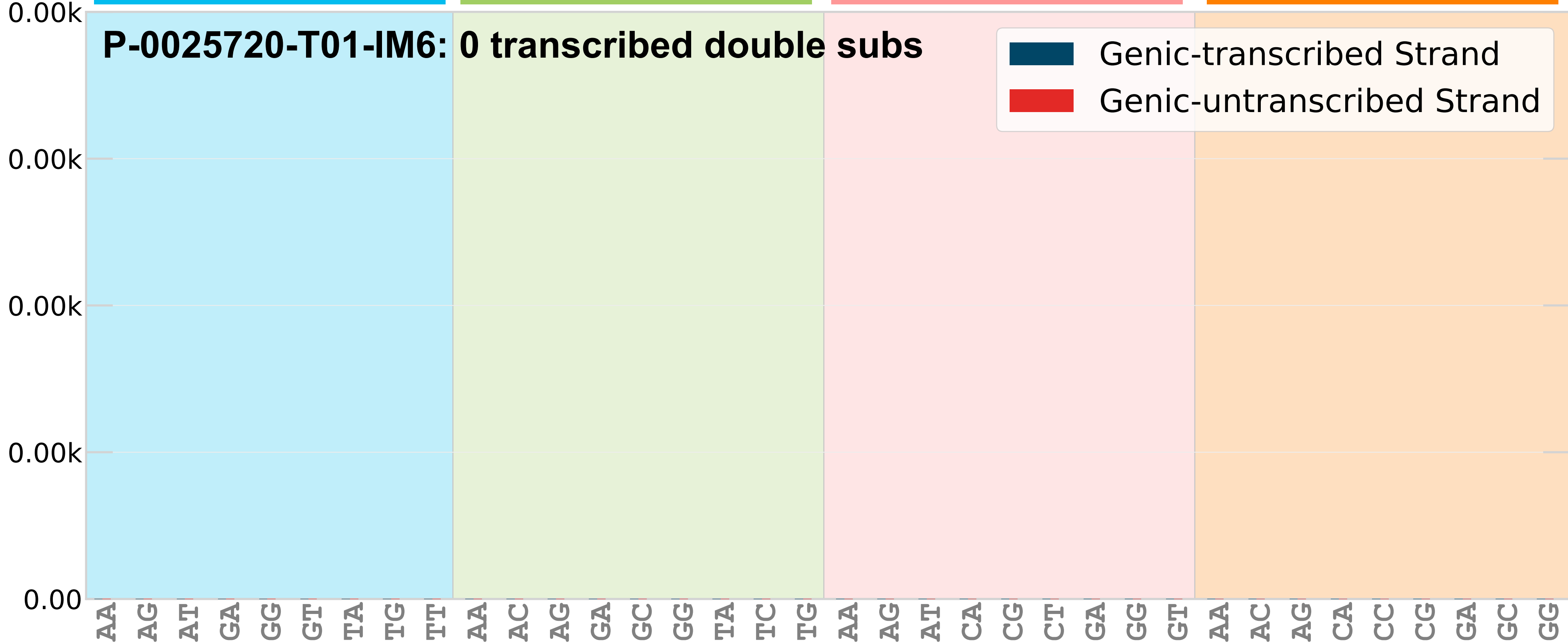


**TT>NN**

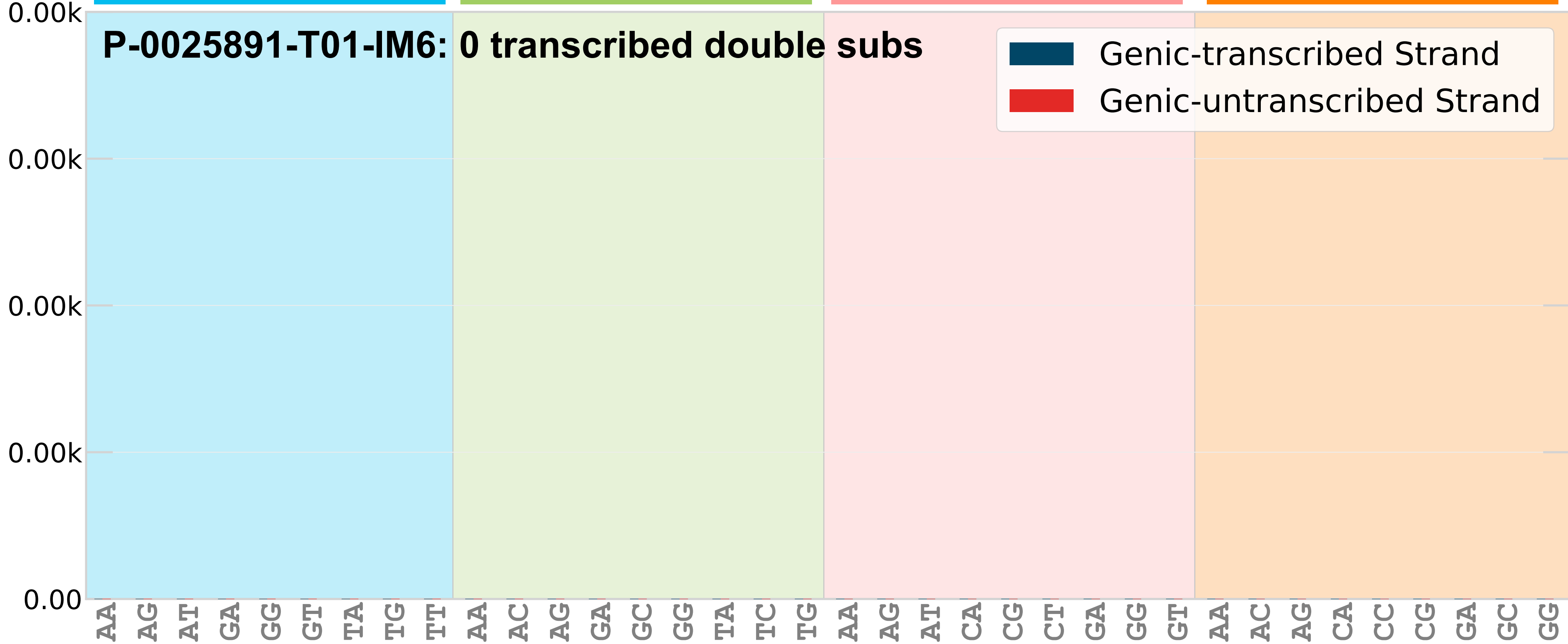




**TT>NN**

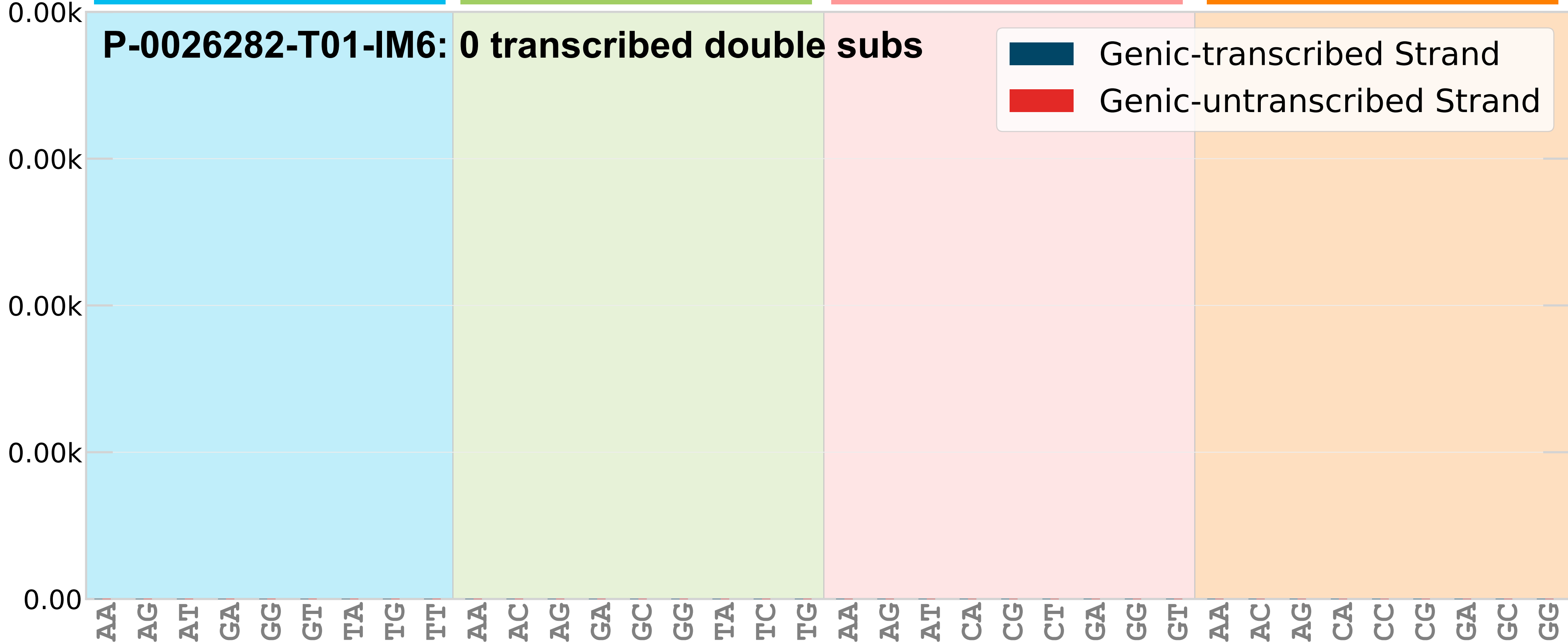


# TT>NN



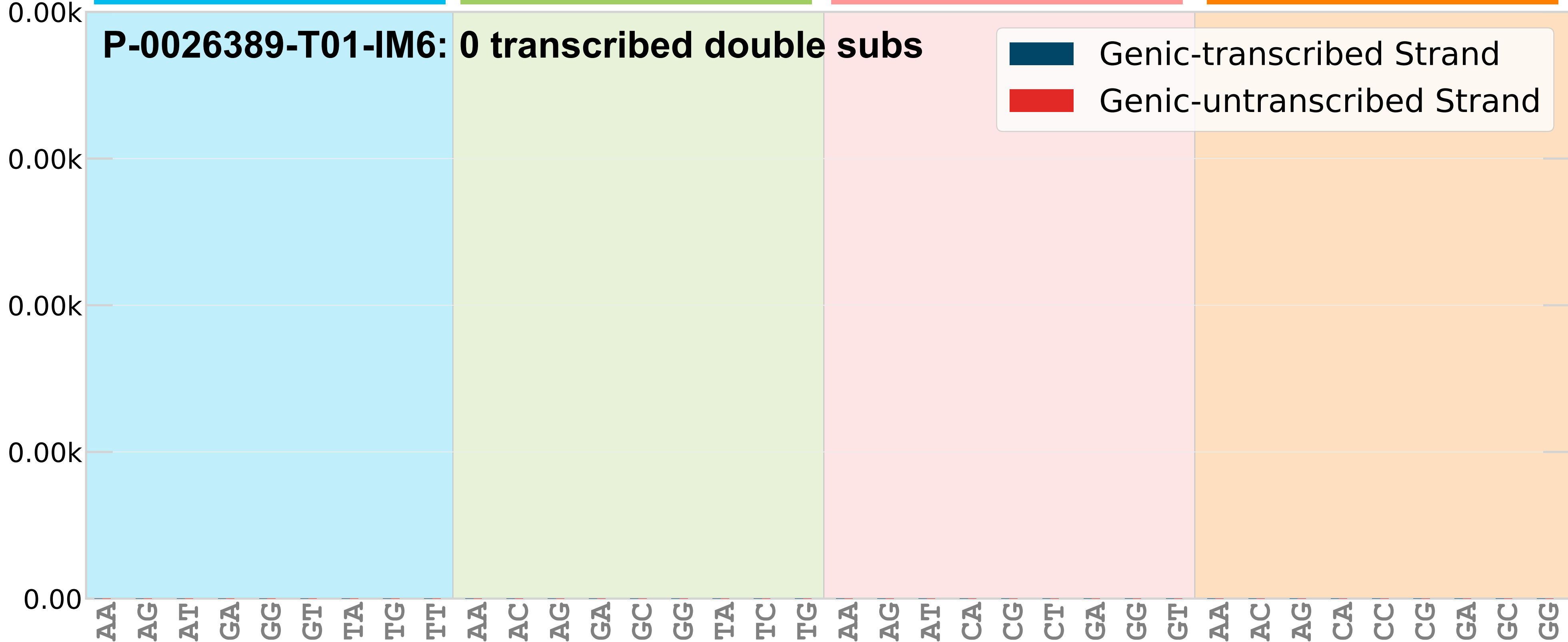


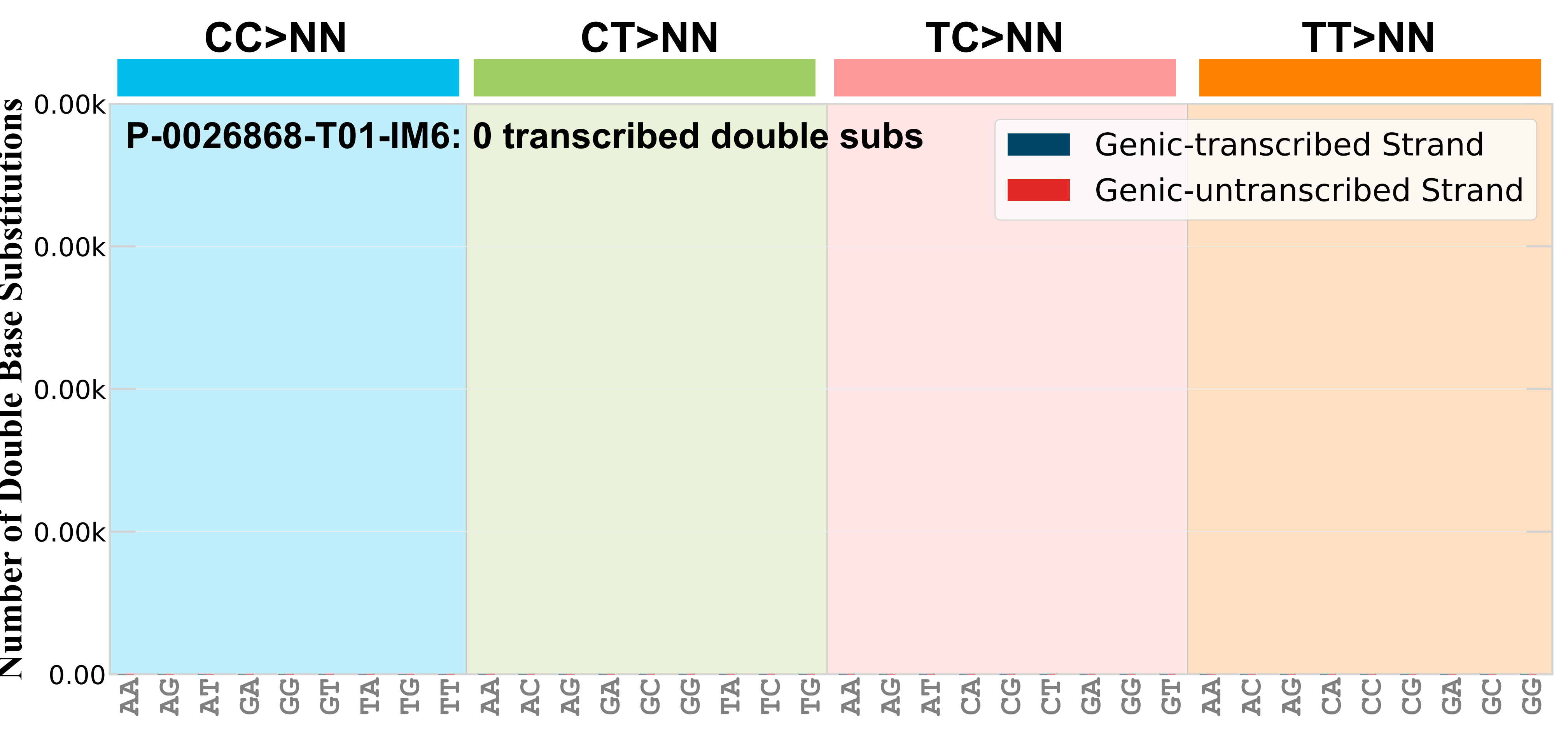
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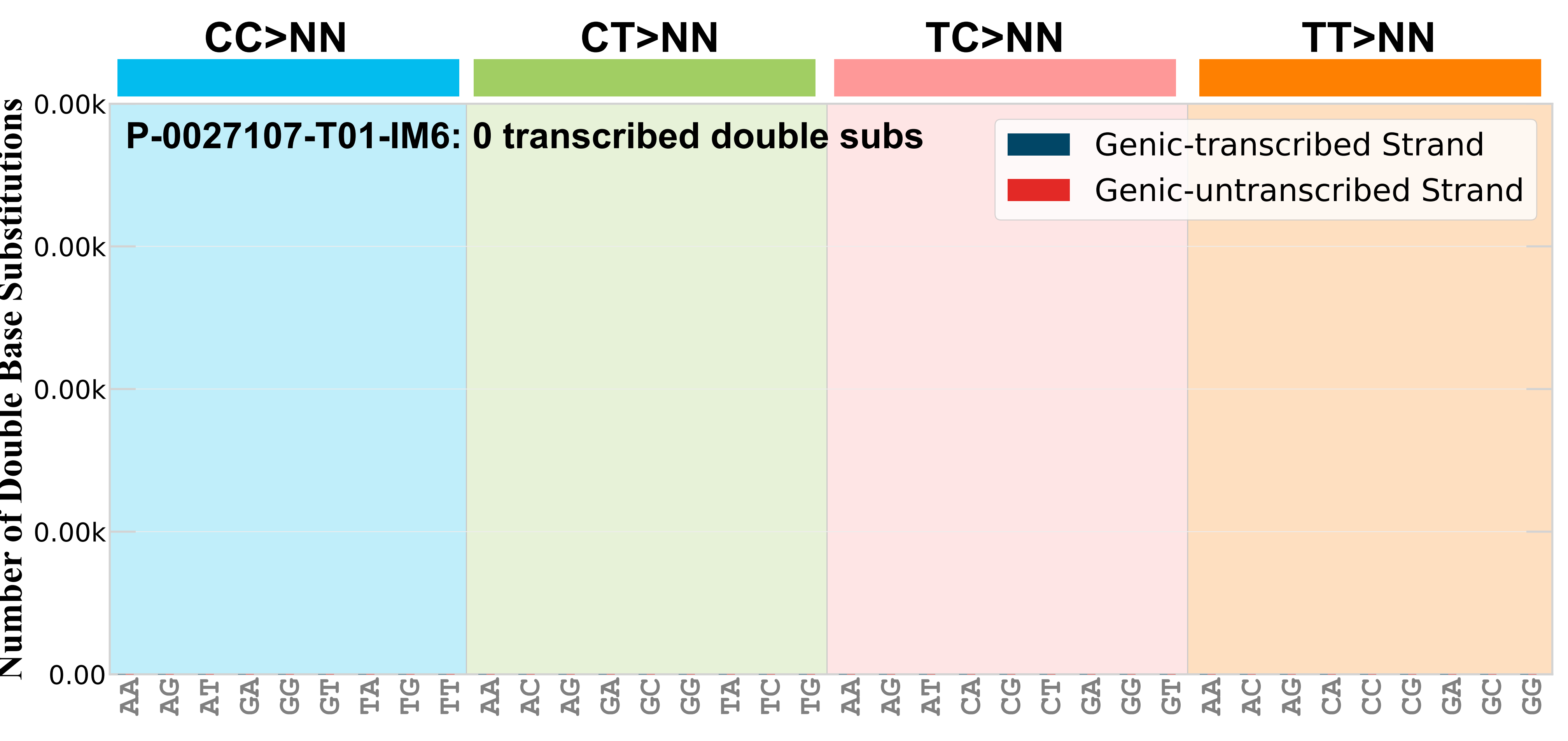




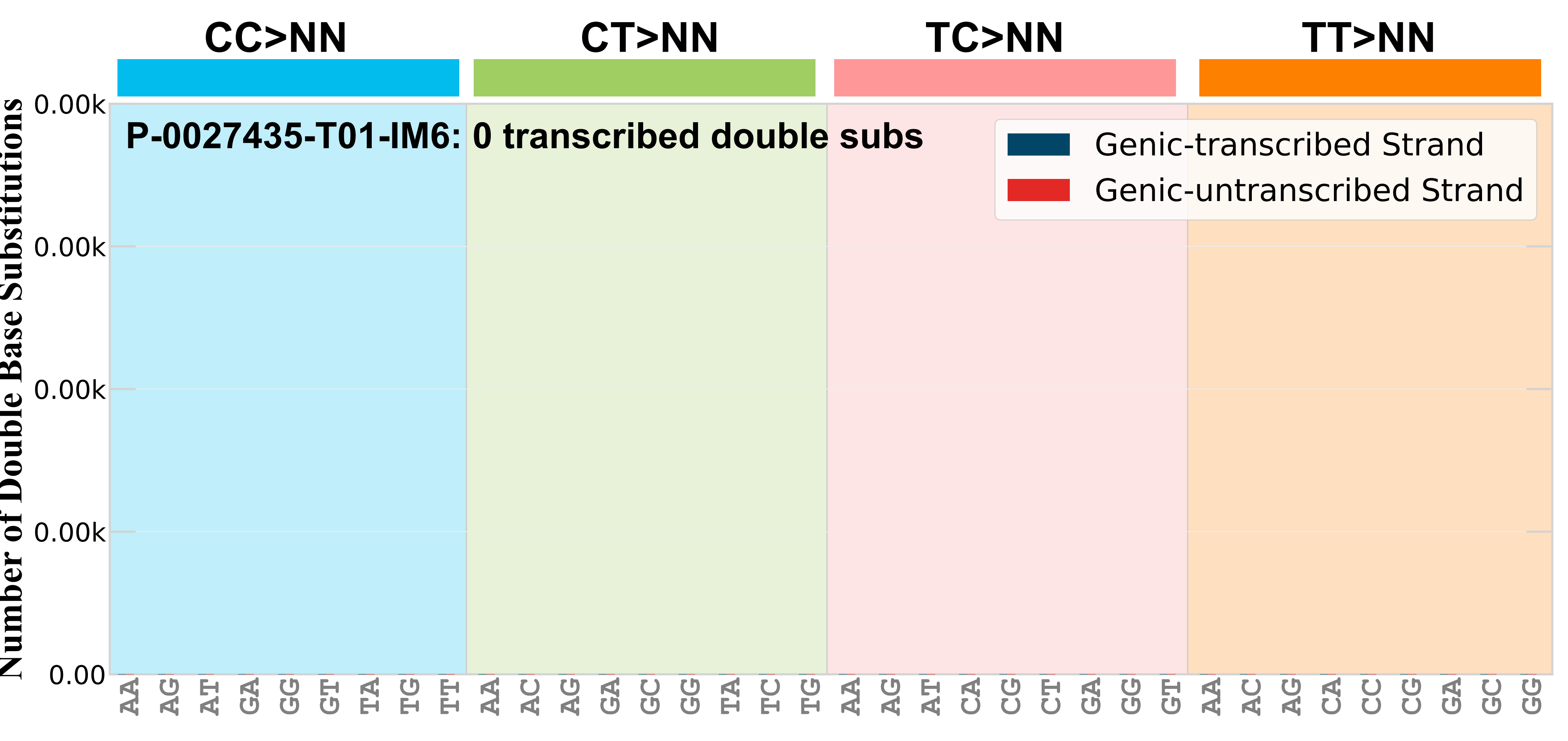
# TT>NN



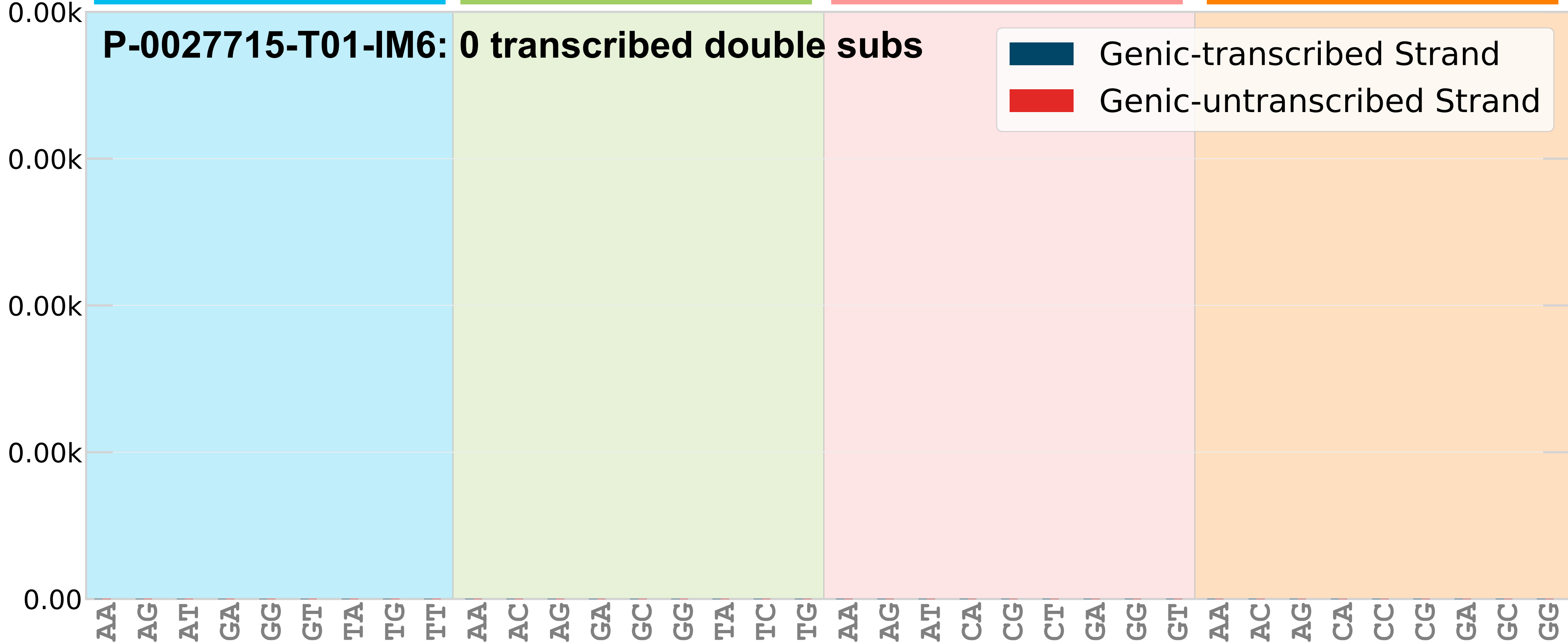




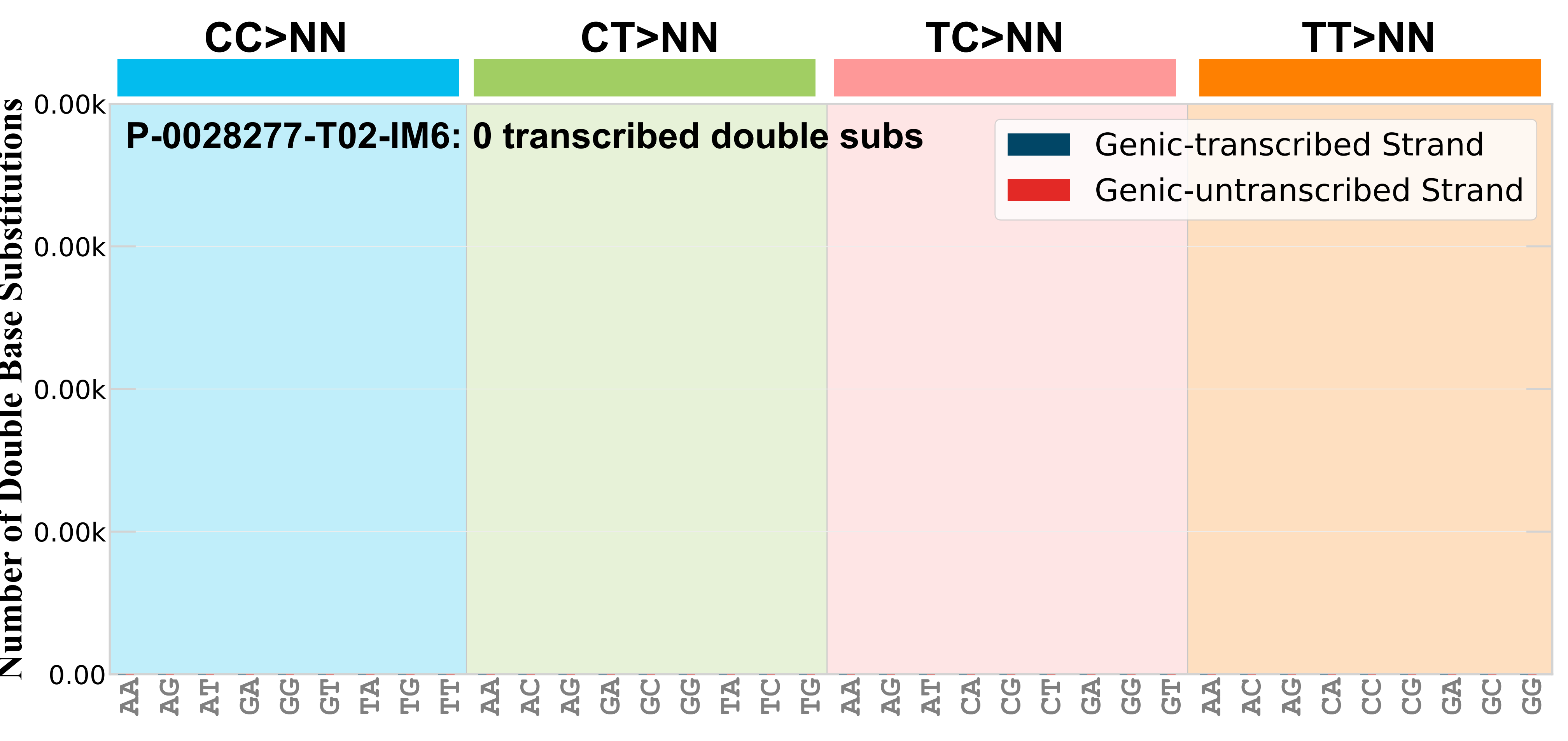




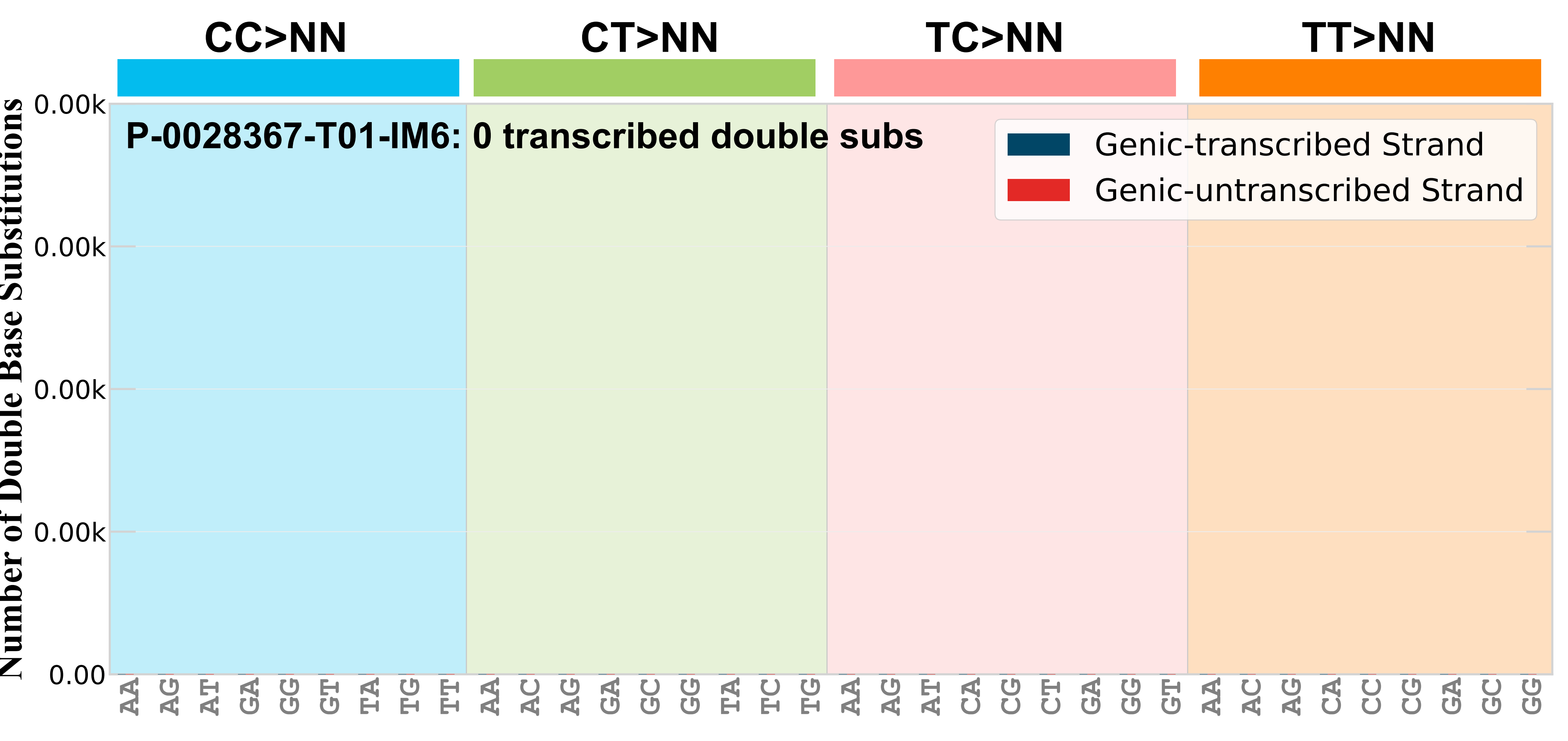
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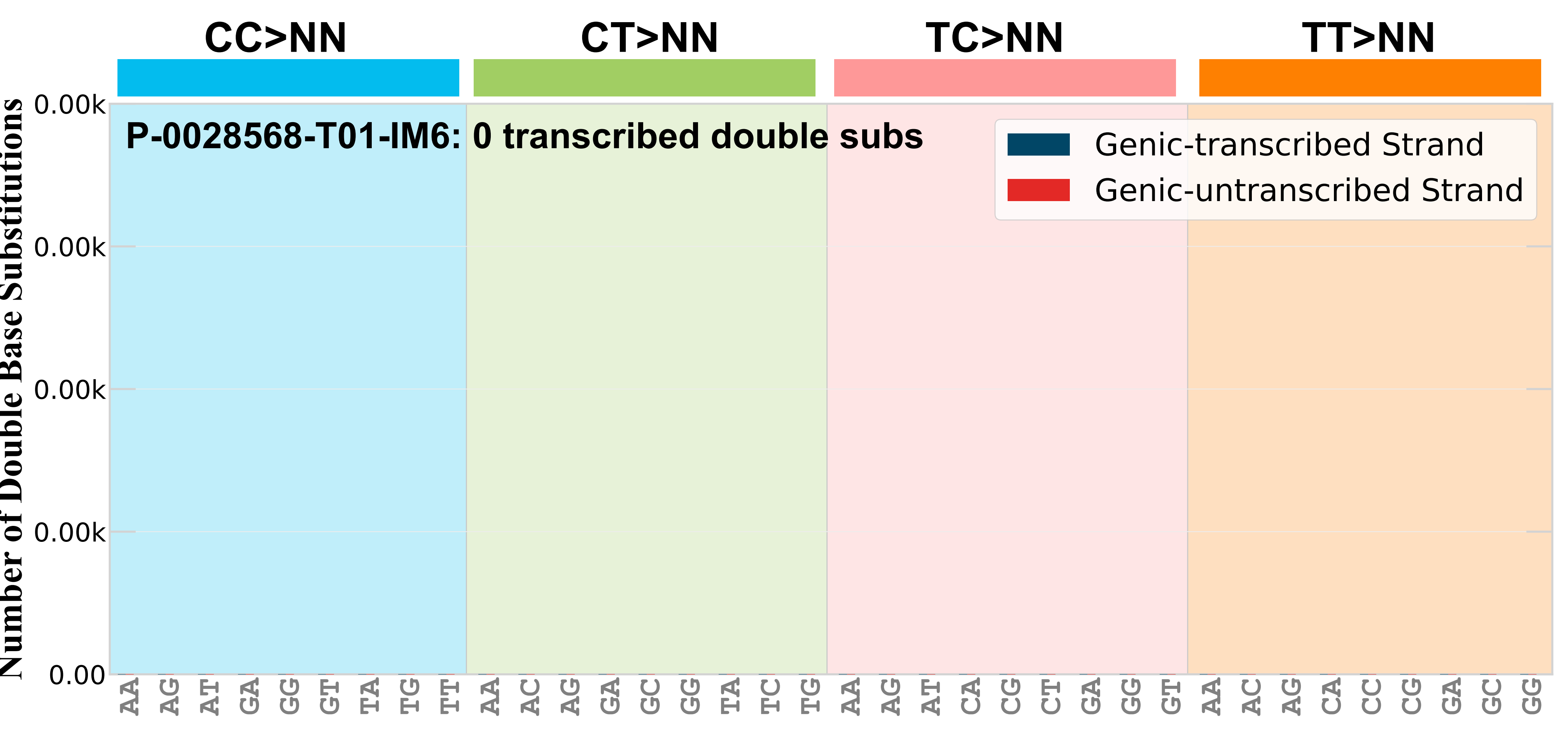


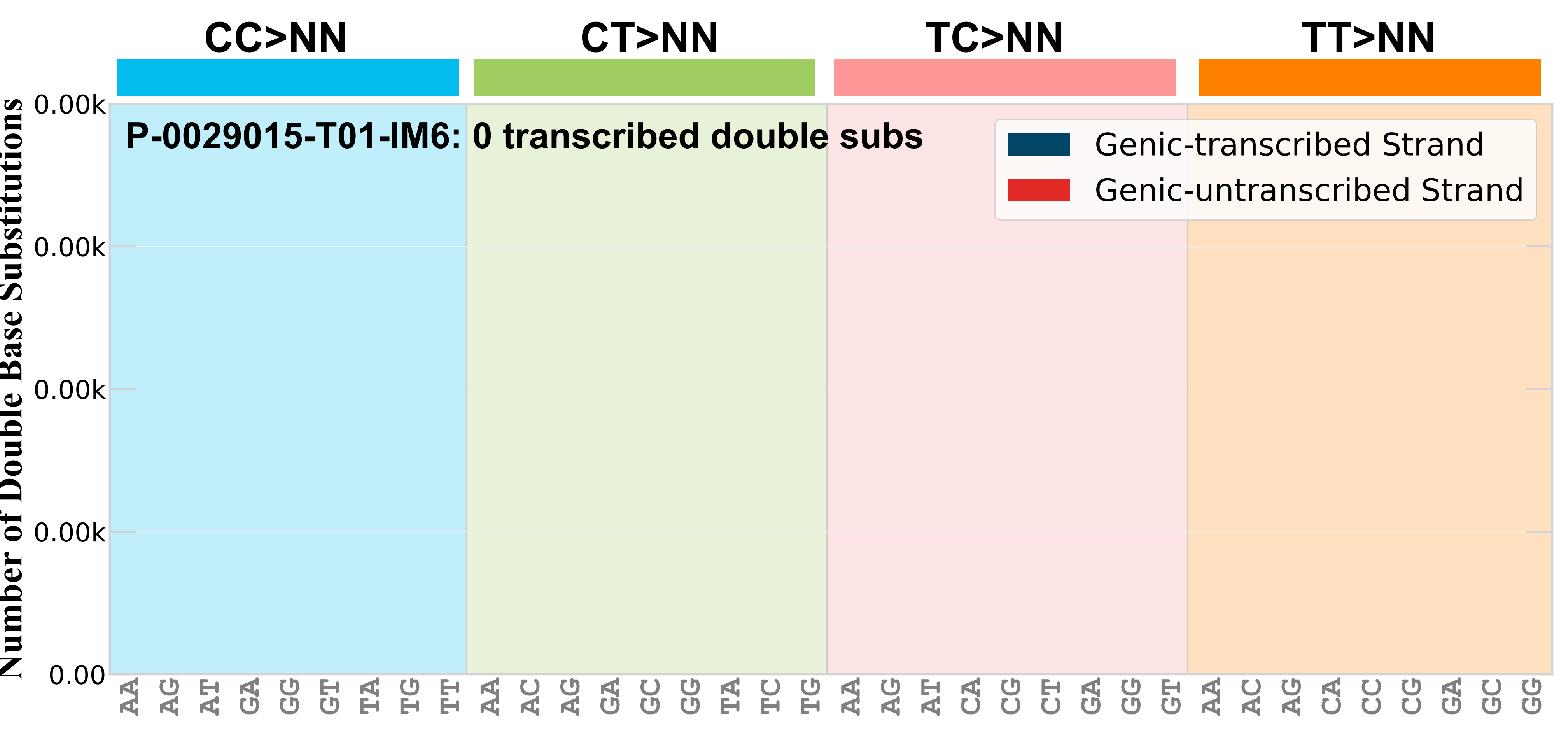




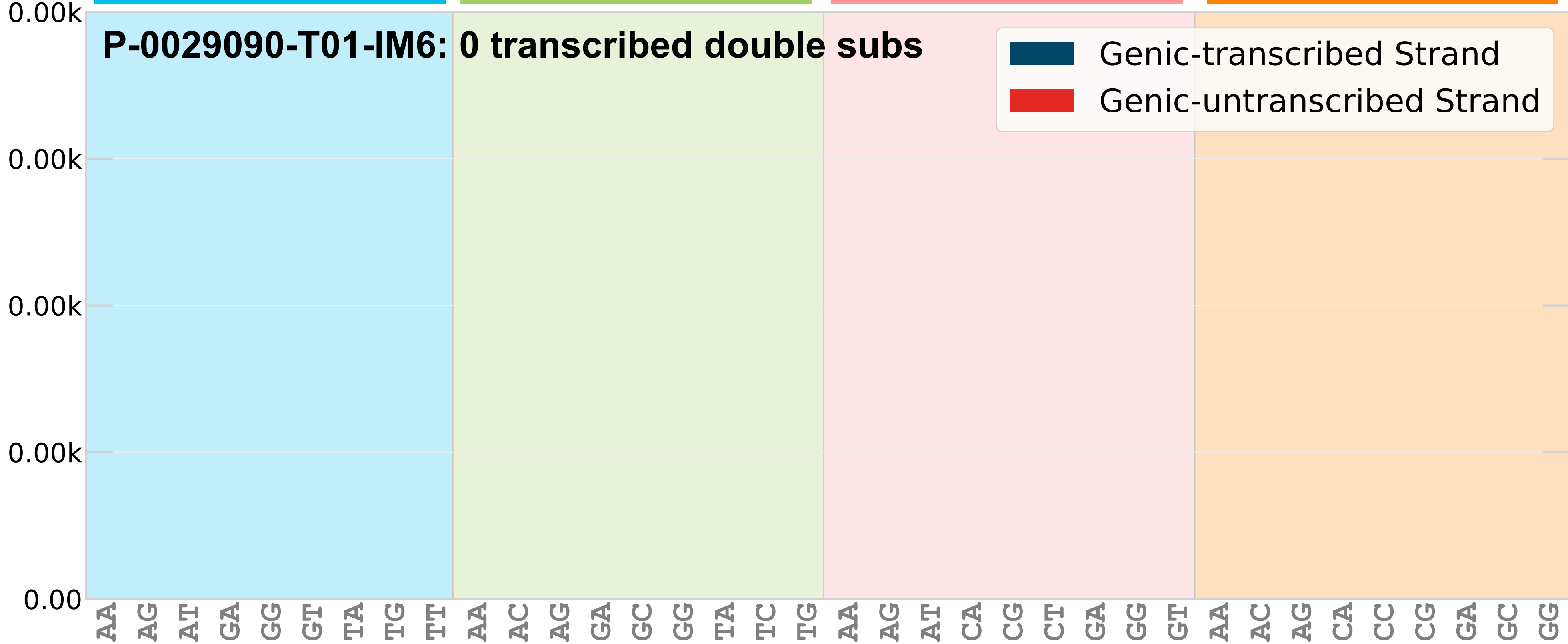




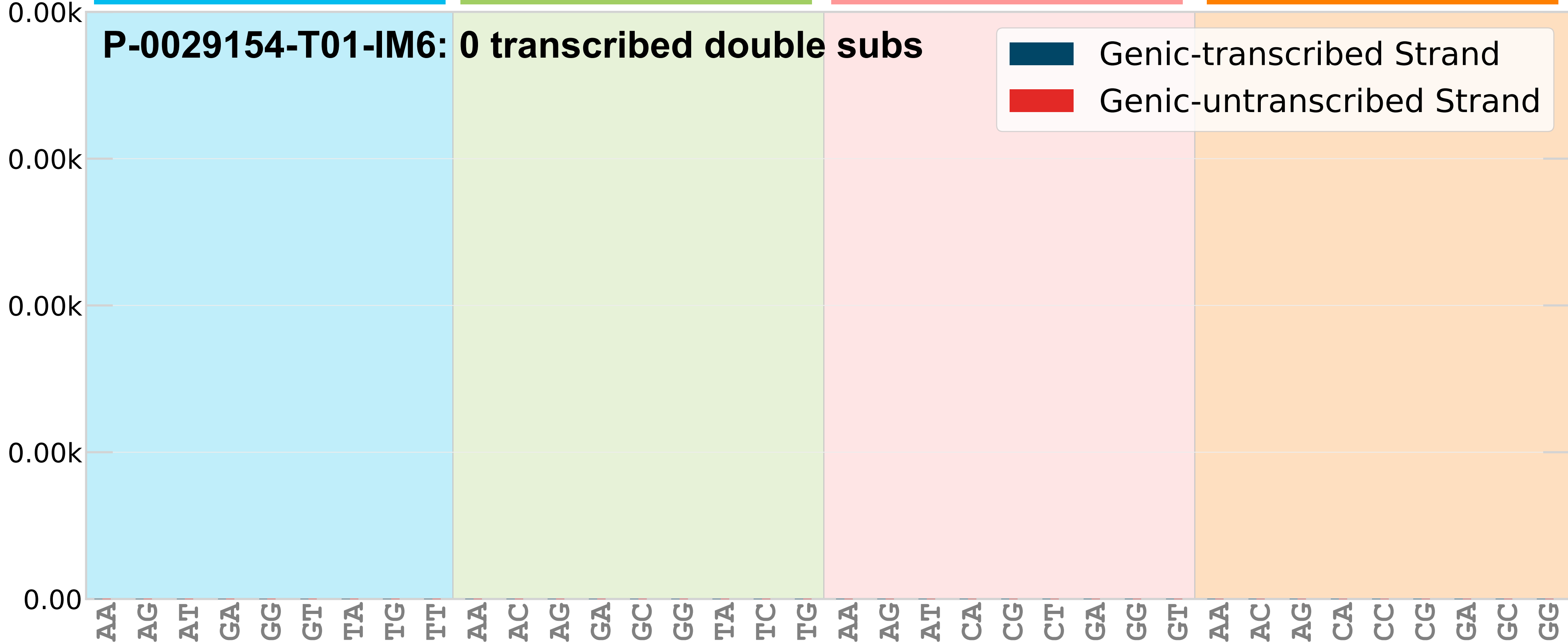


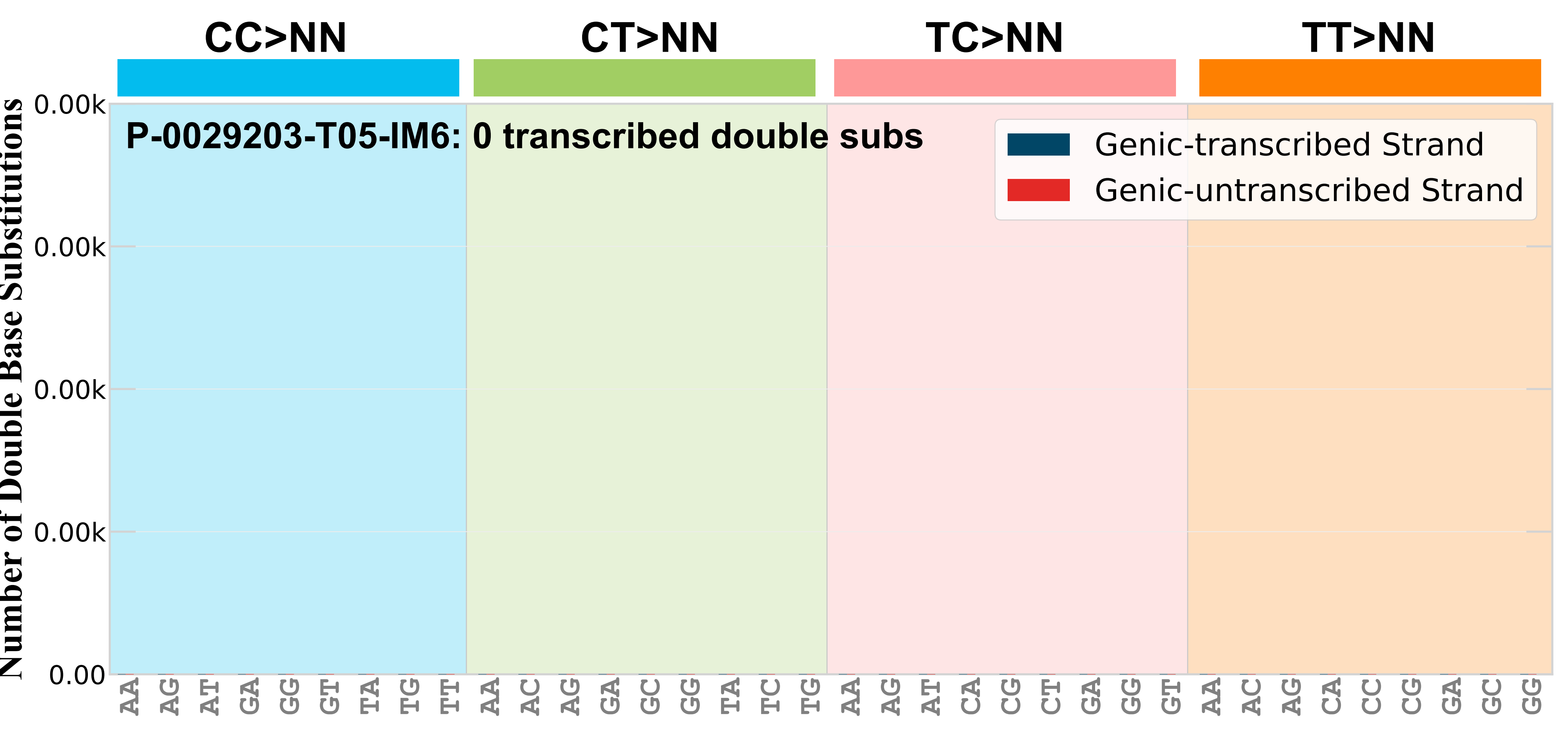


**TT>NN**



**TT>NN**





Number of Double Base Substitutions

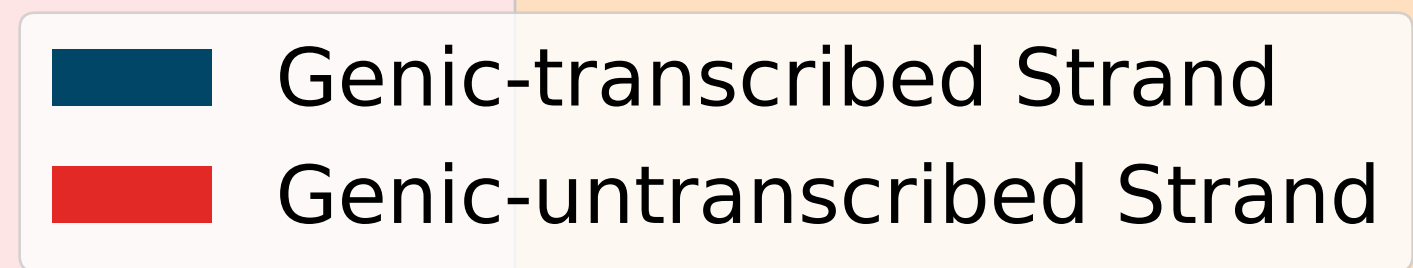
CC>NN

CT>NN

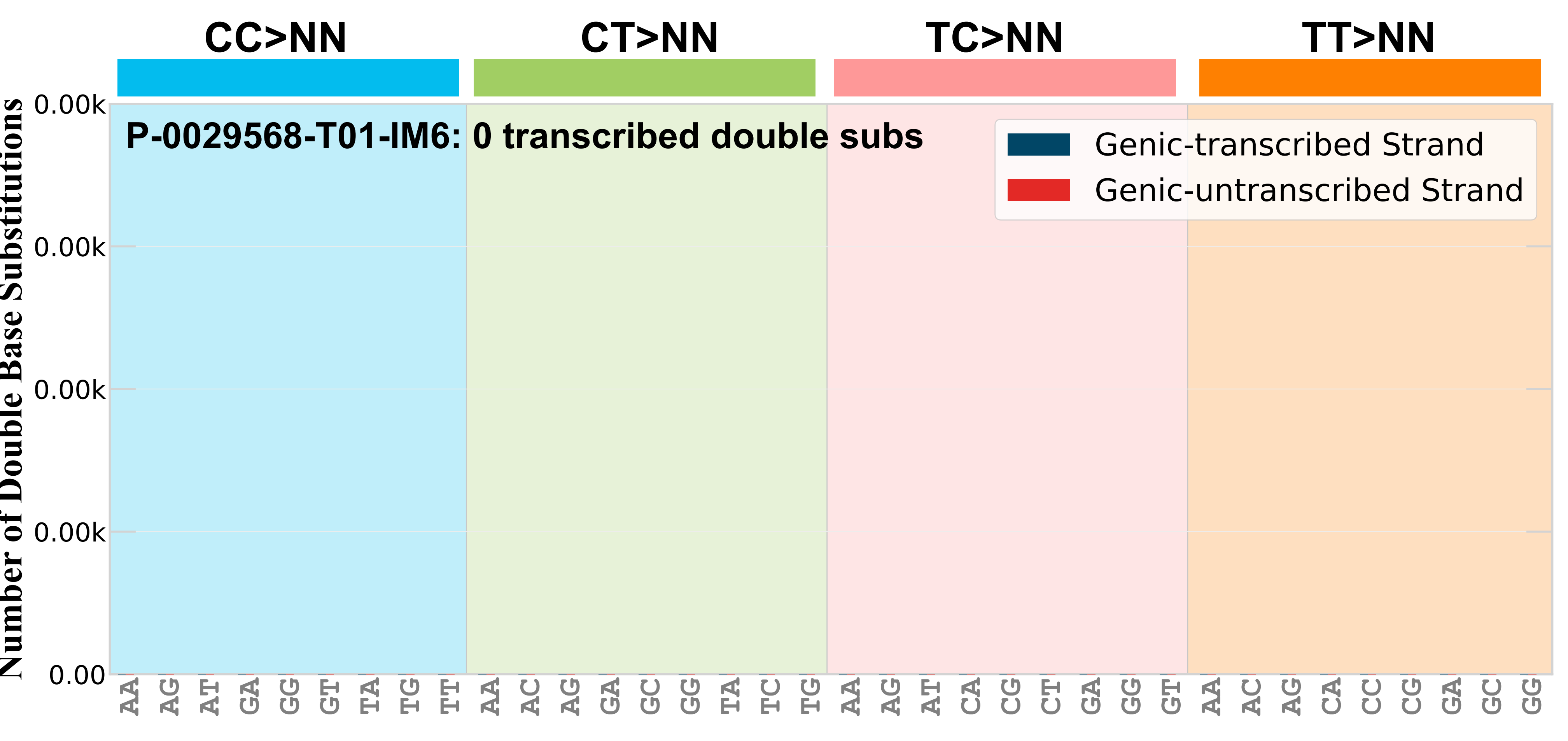
TC>NN

TT>NN

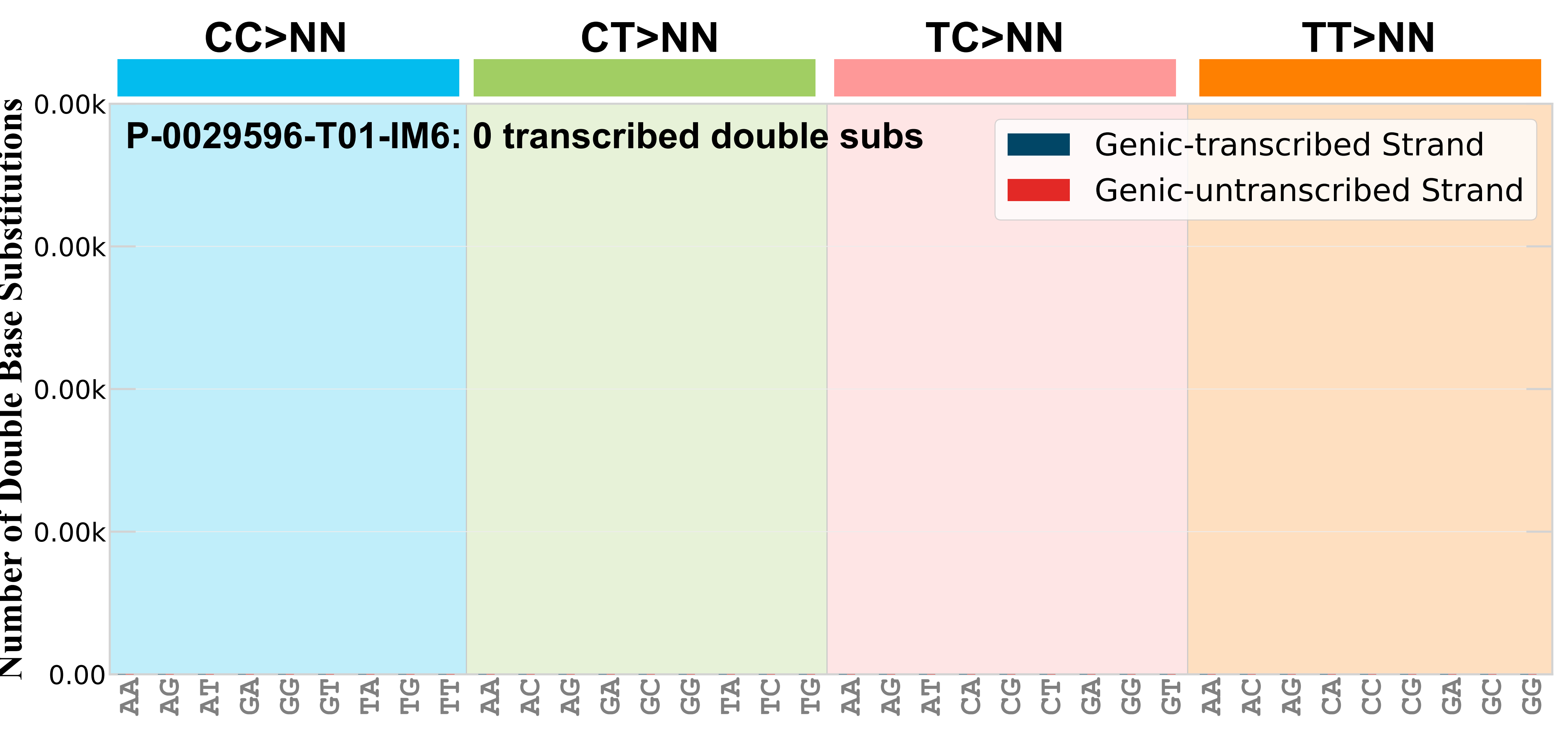
P-0029560-T01-IM6: 0 transcribed double subs

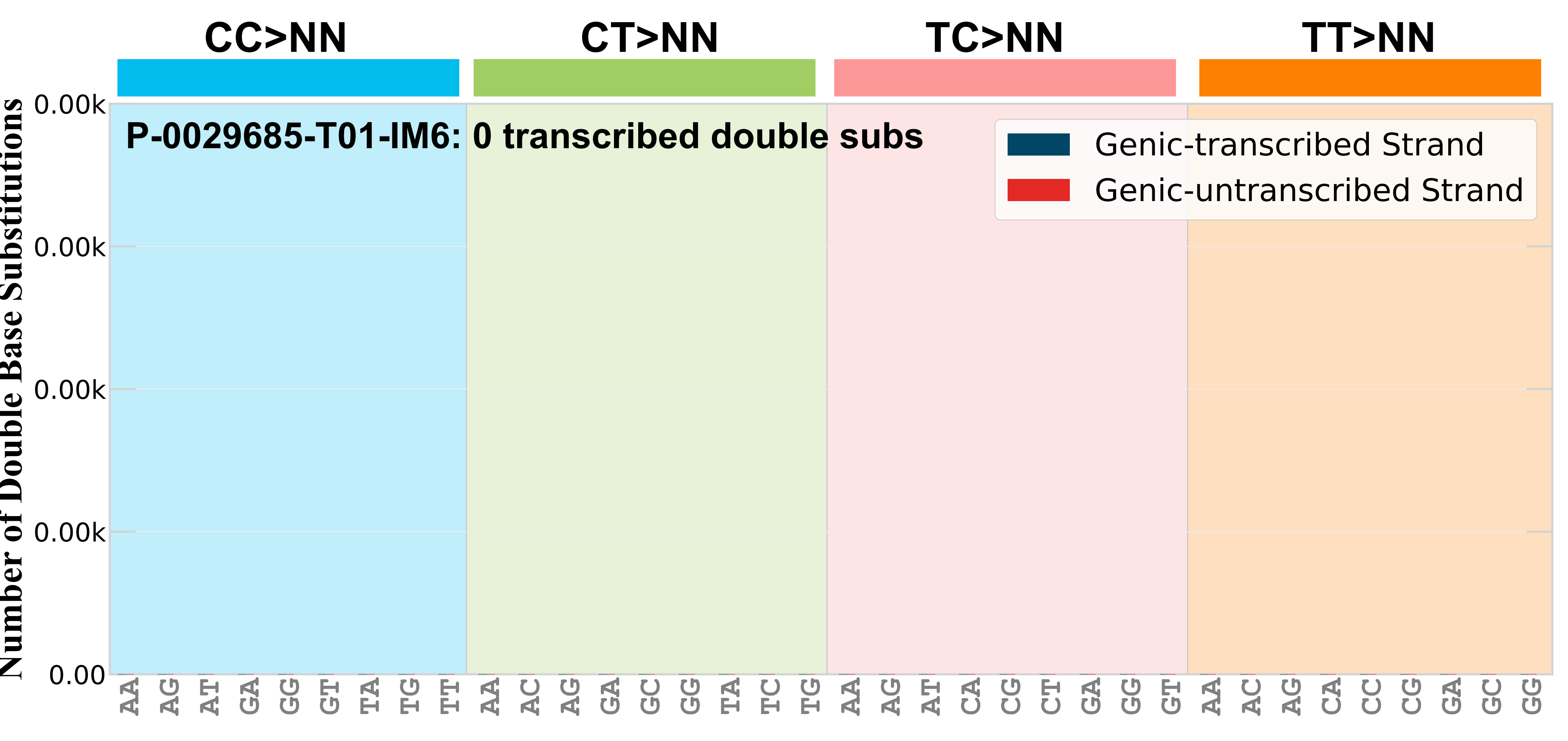


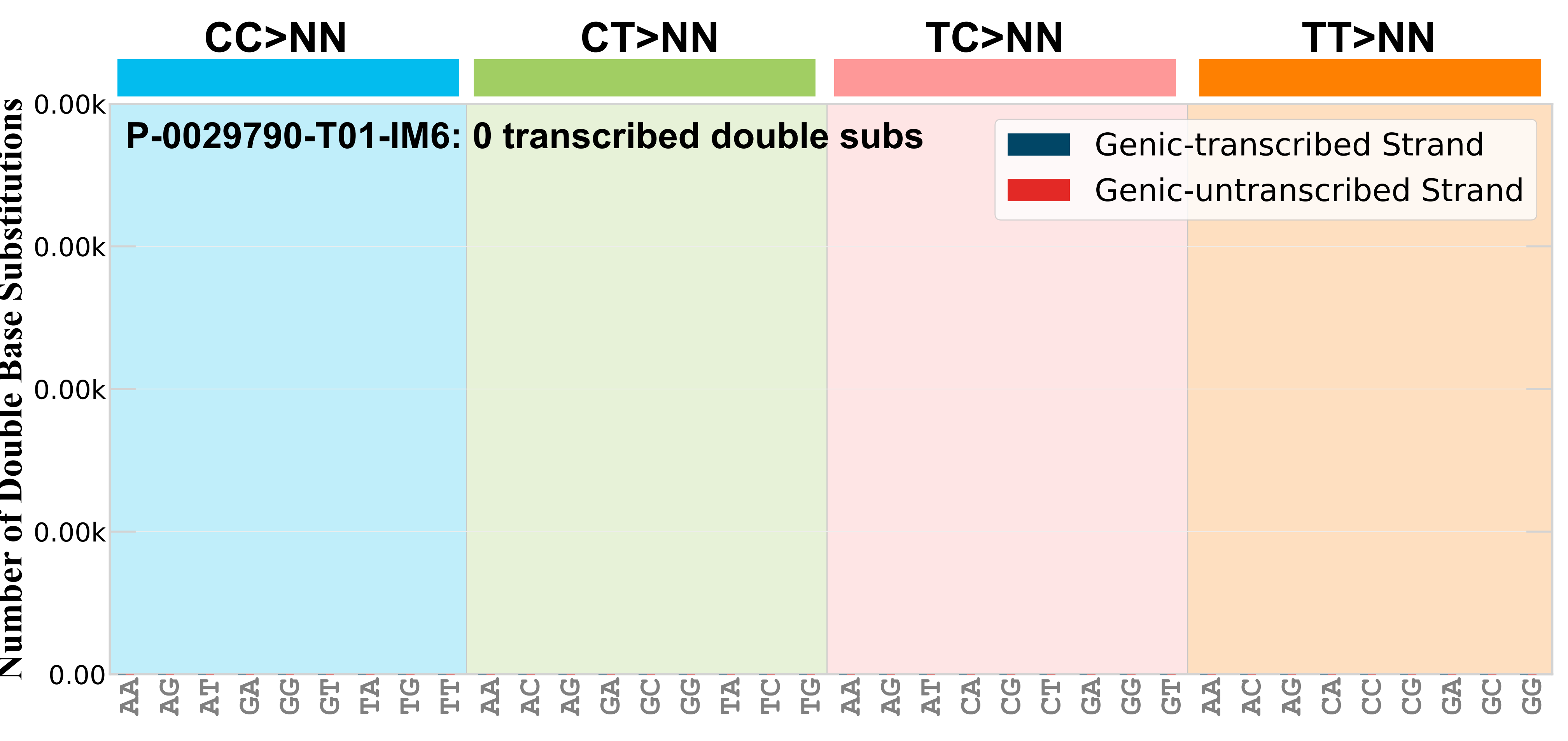
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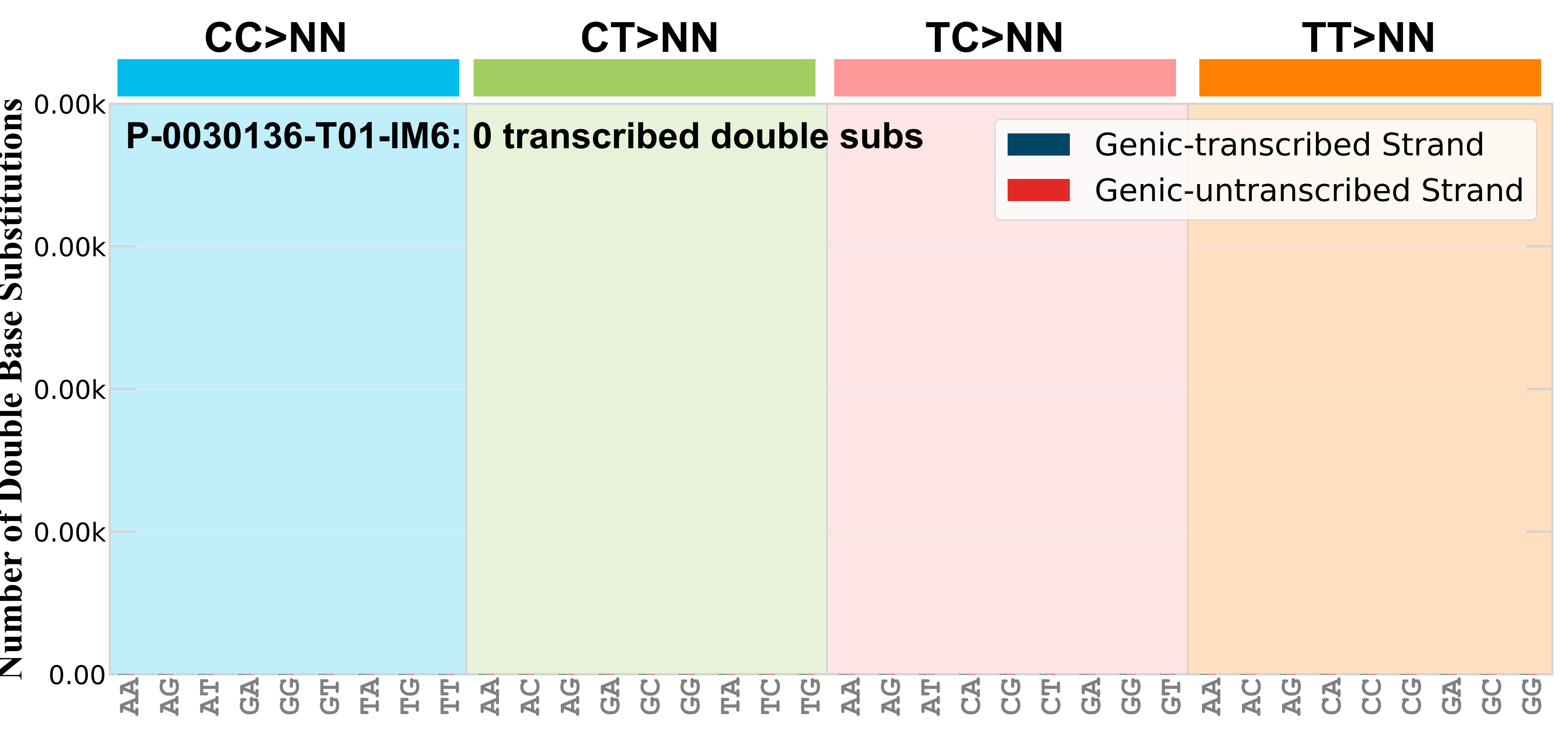




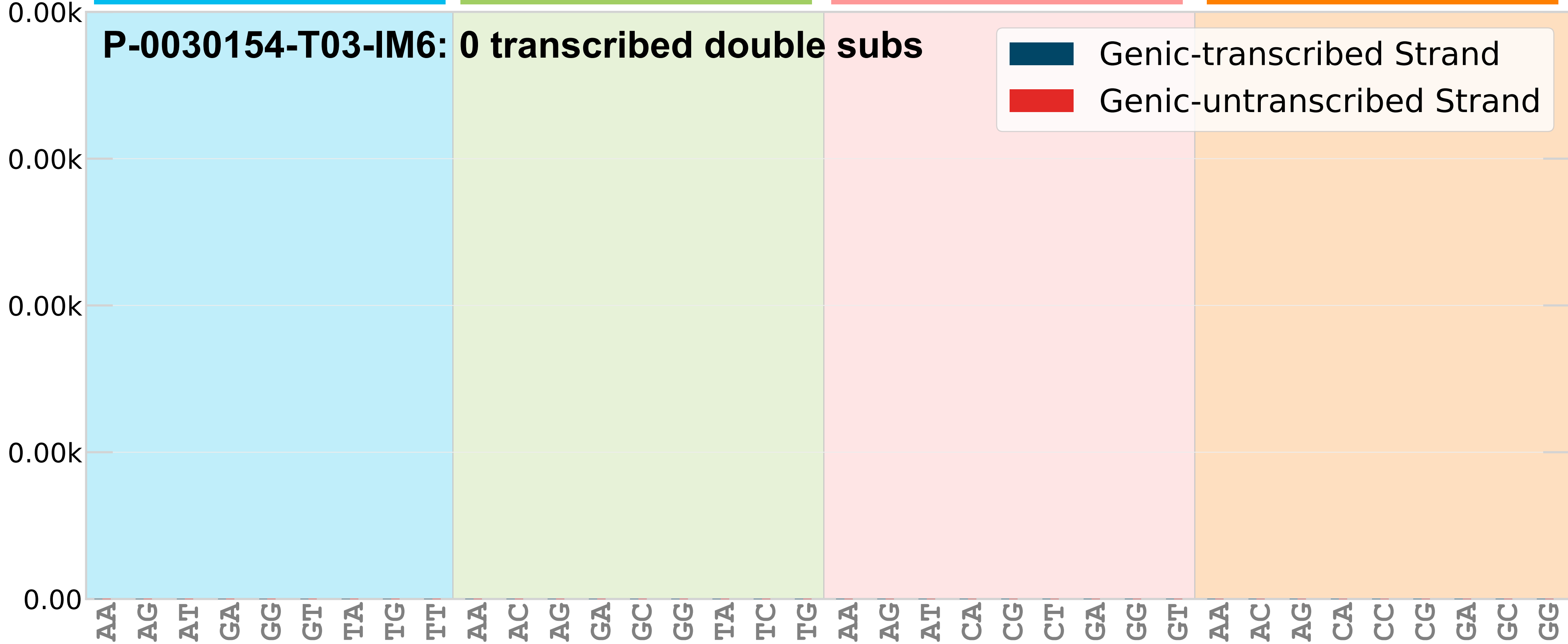




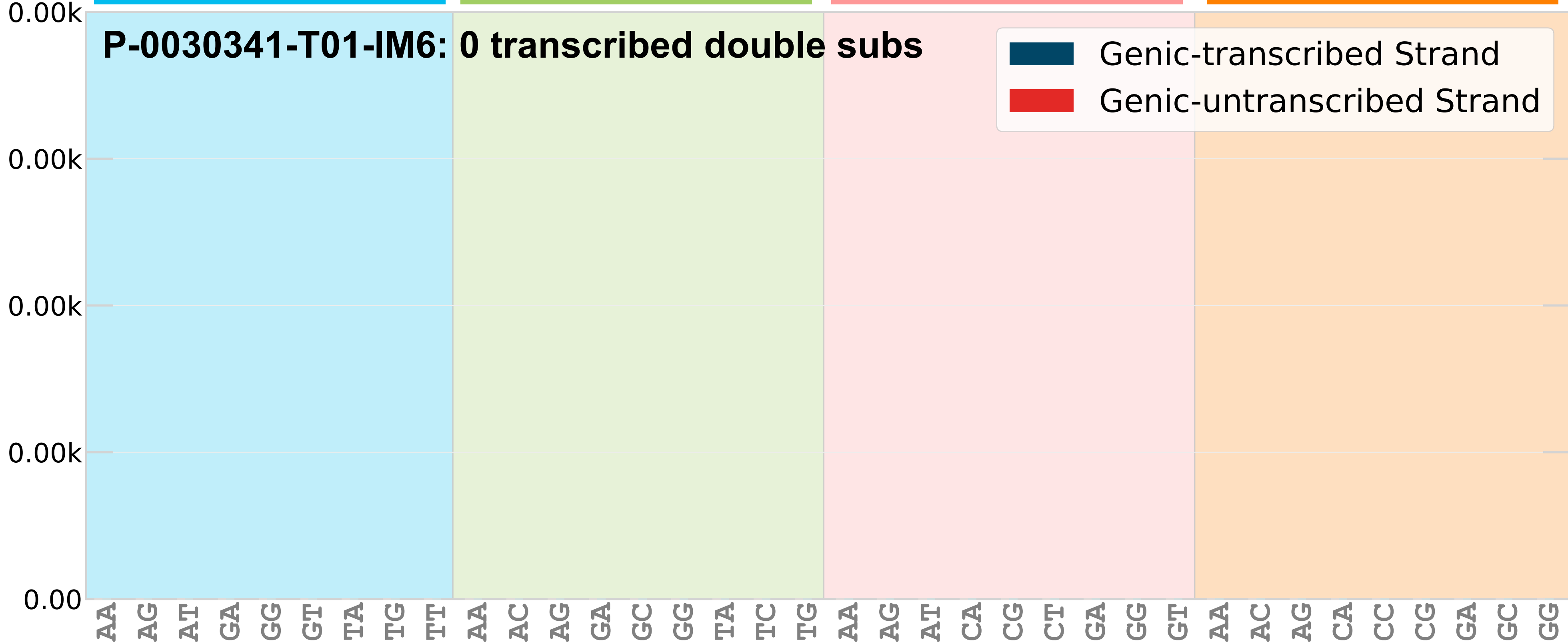


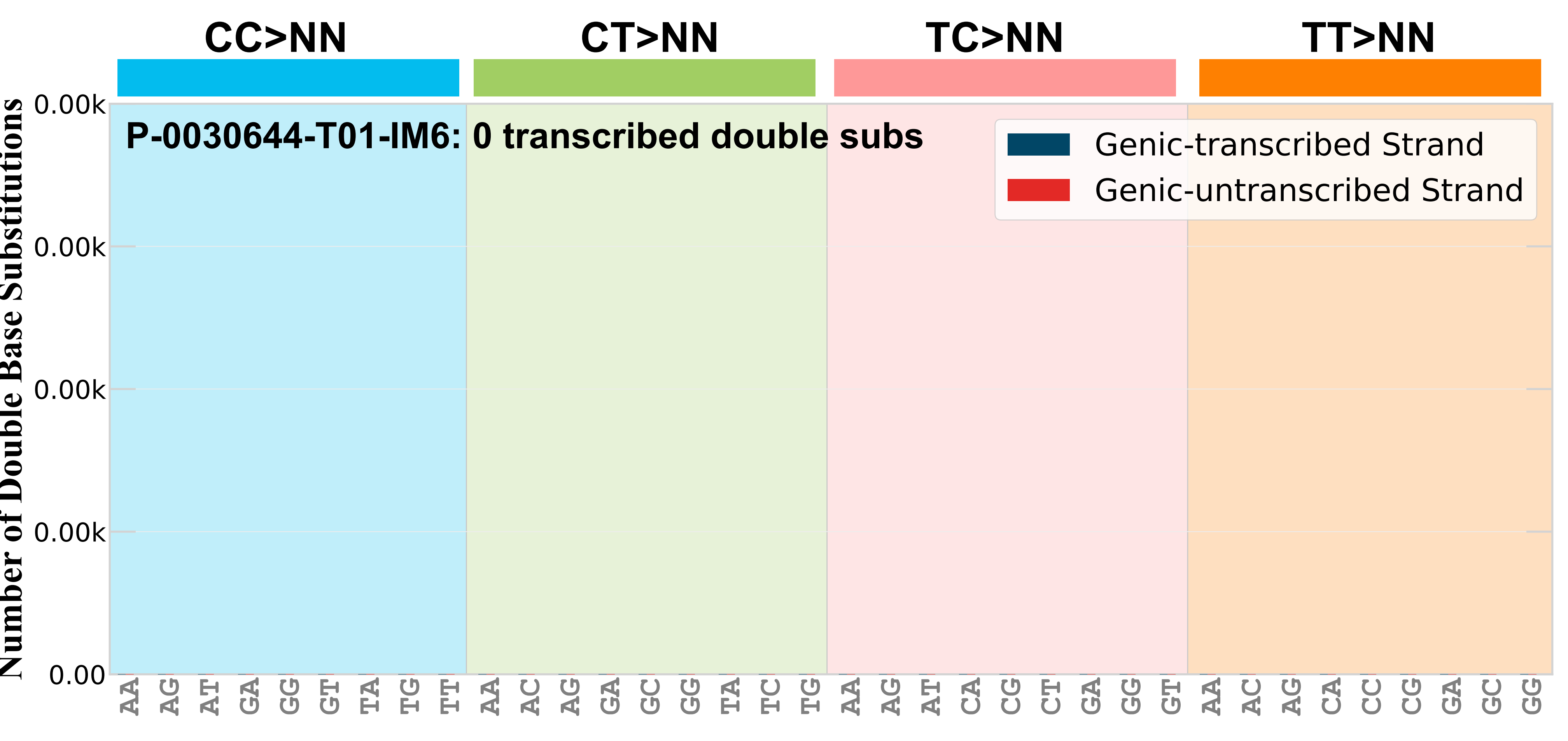


# TT>NN

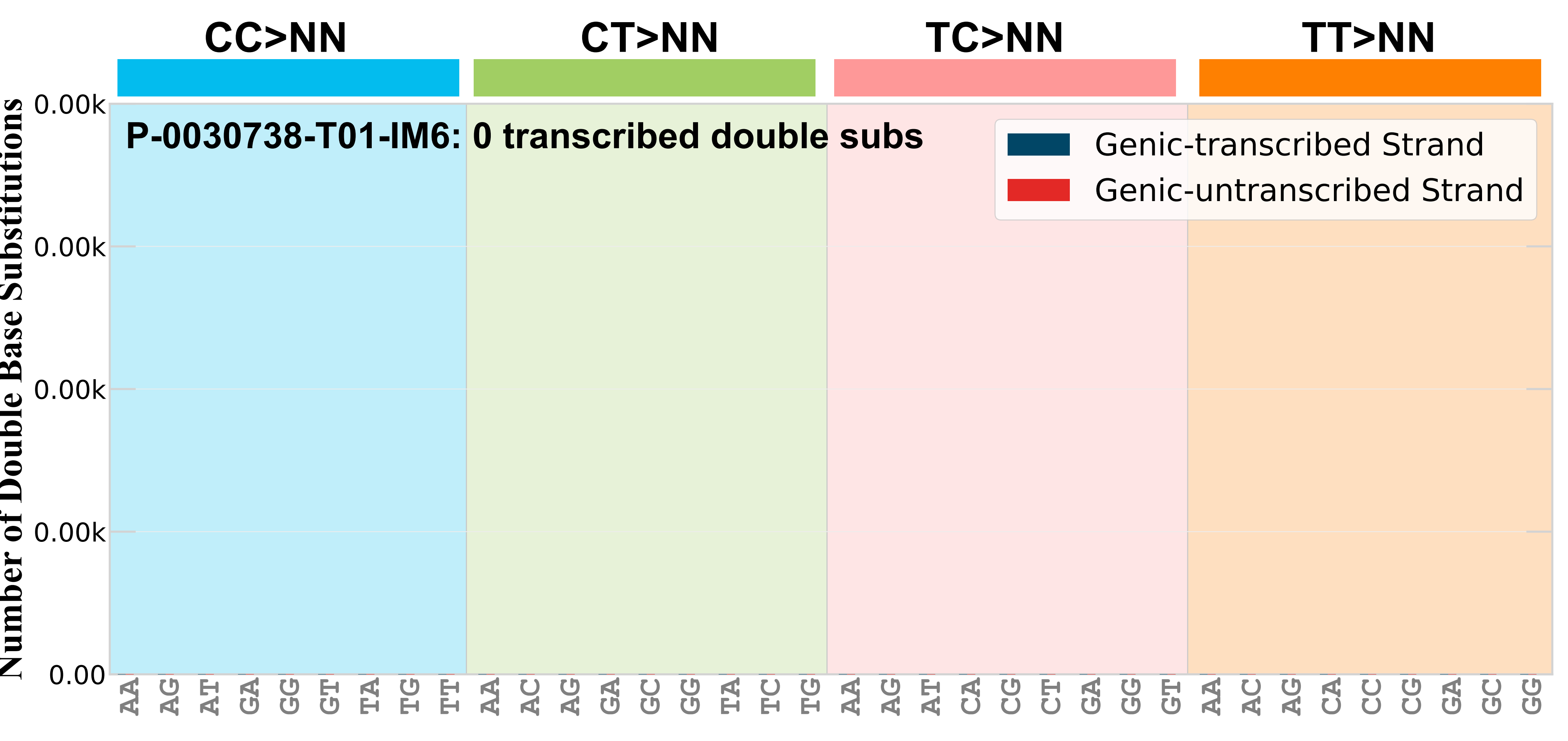


# TT>NN

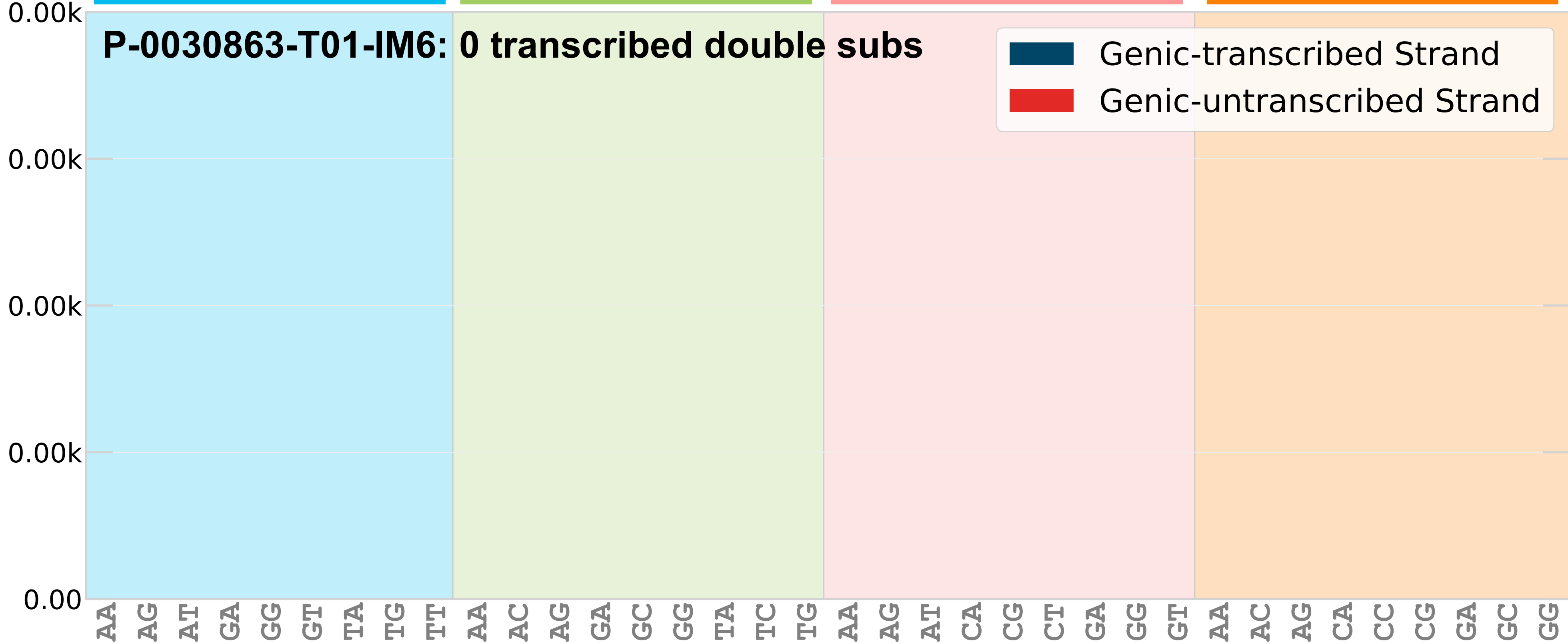


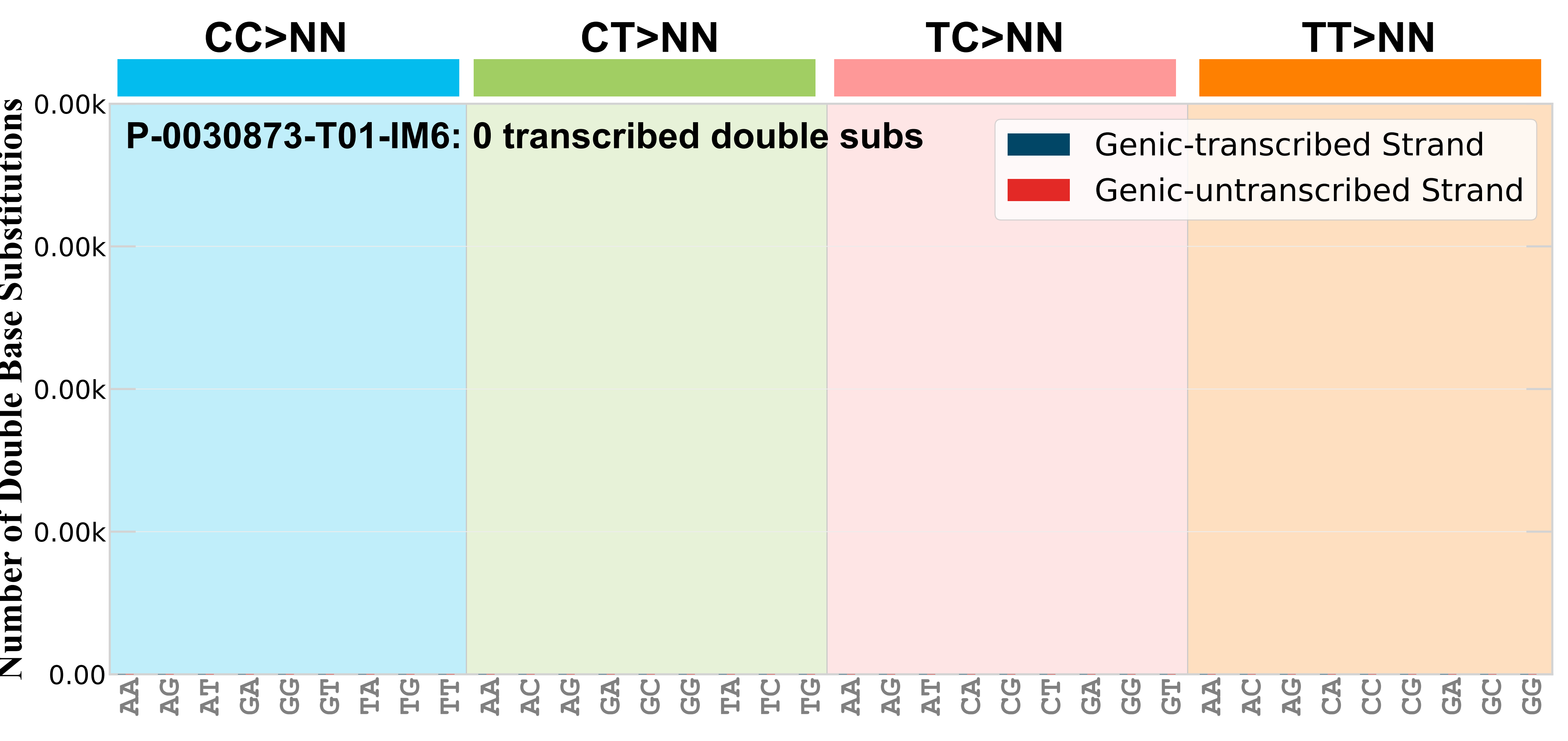






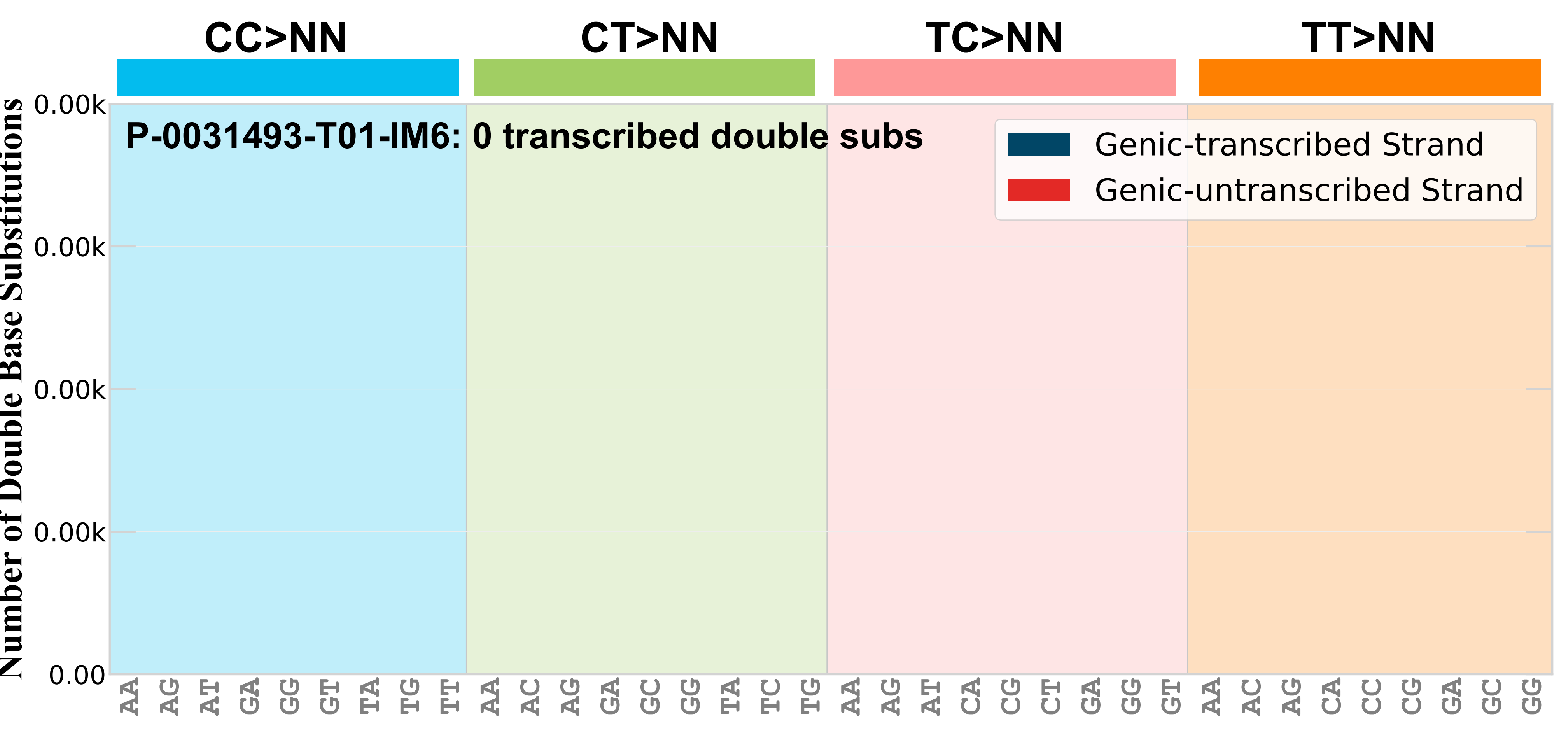
**TT>NN**



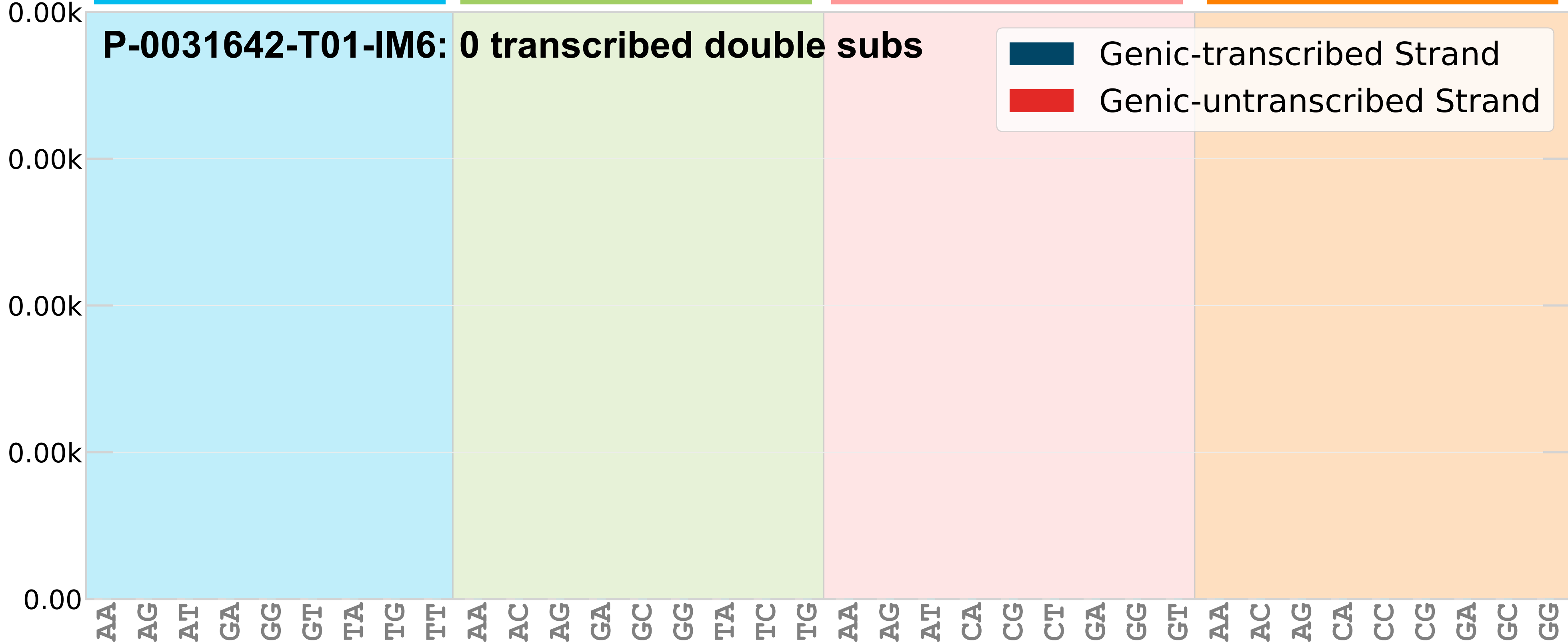




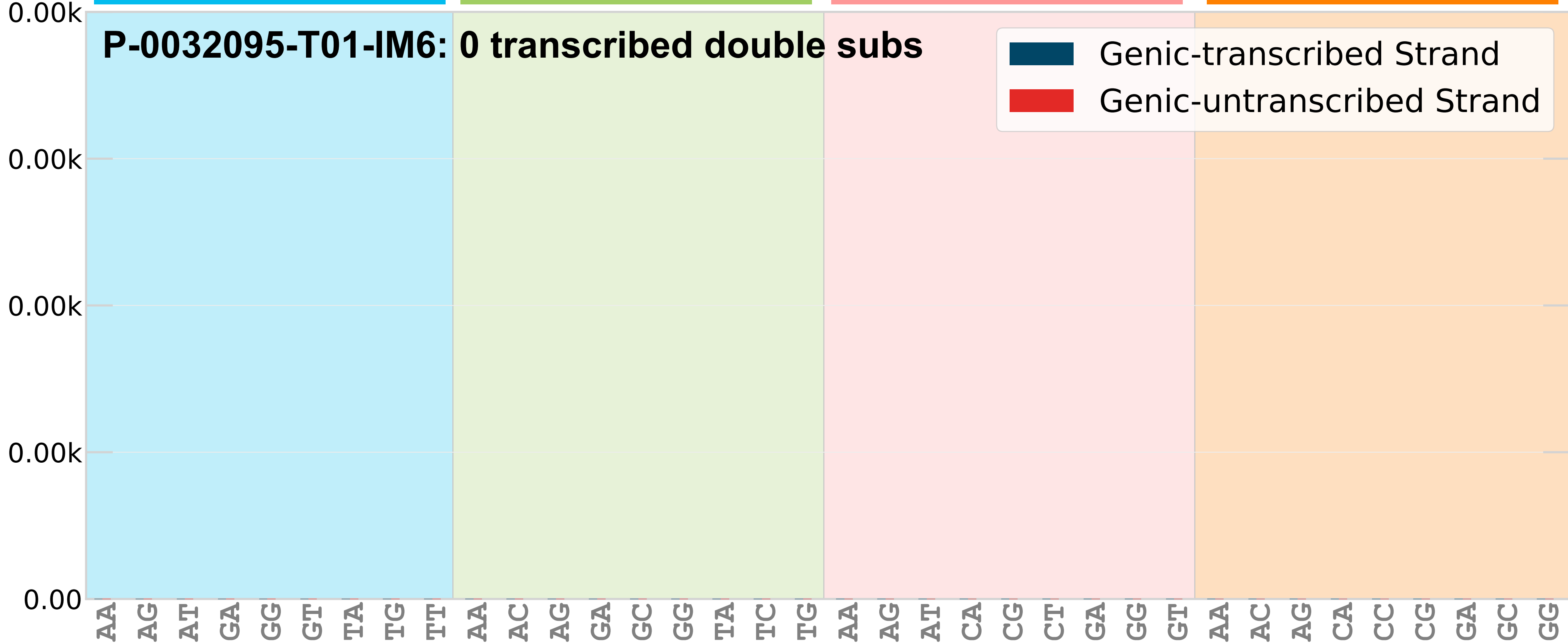




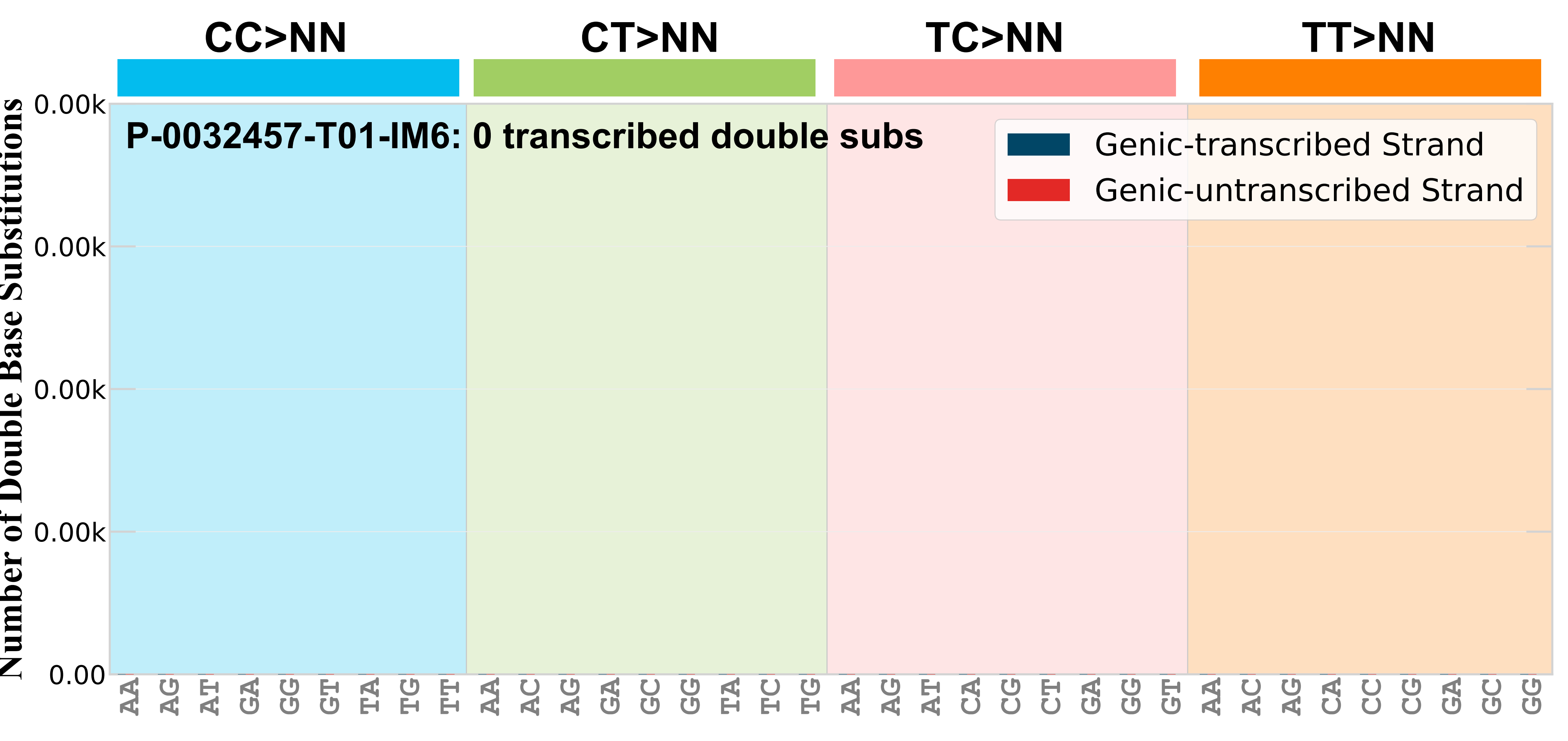
# TT>NN



# TT>NN

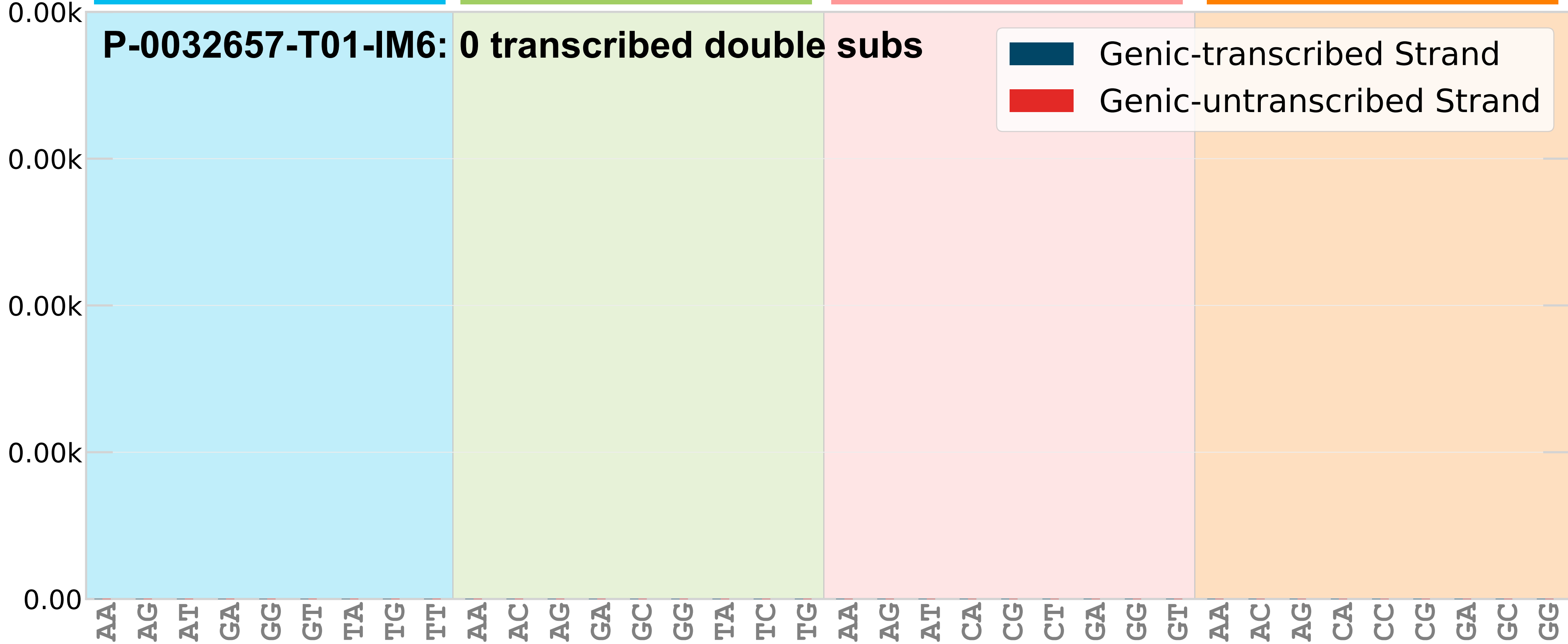








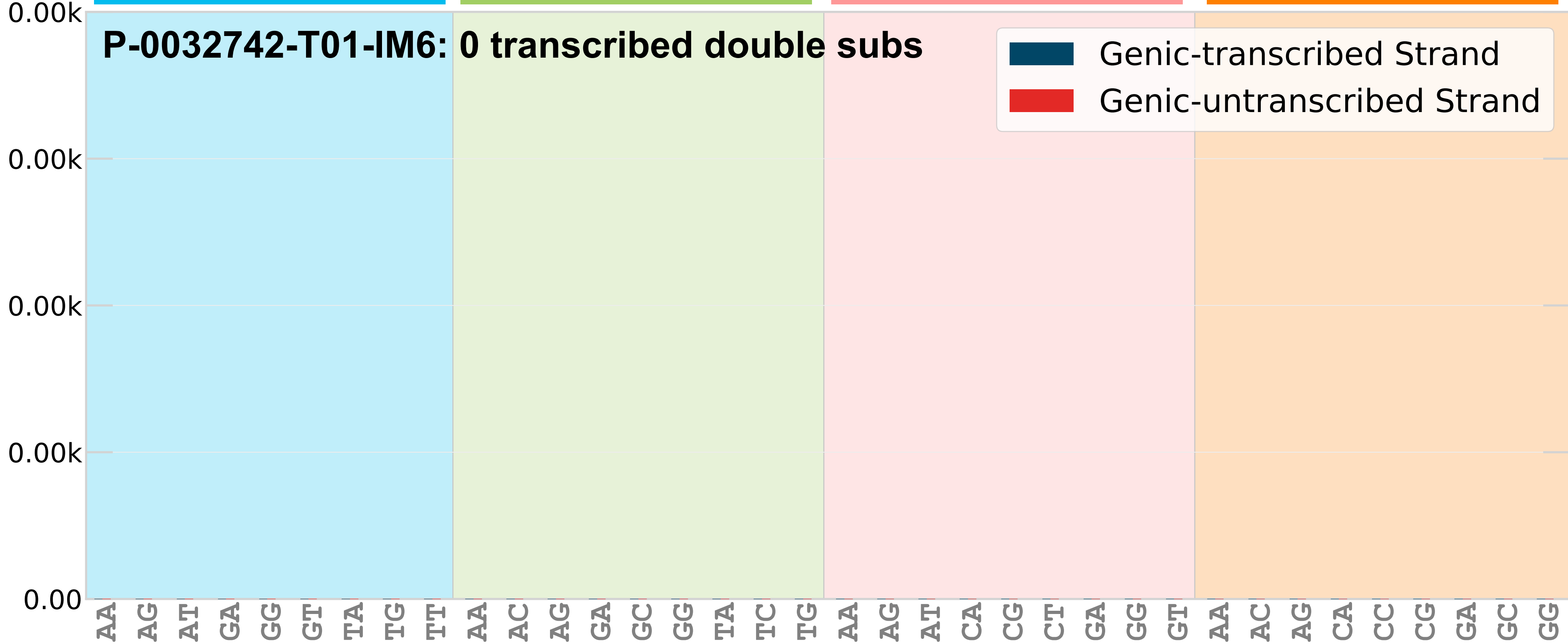
**TT>NN**

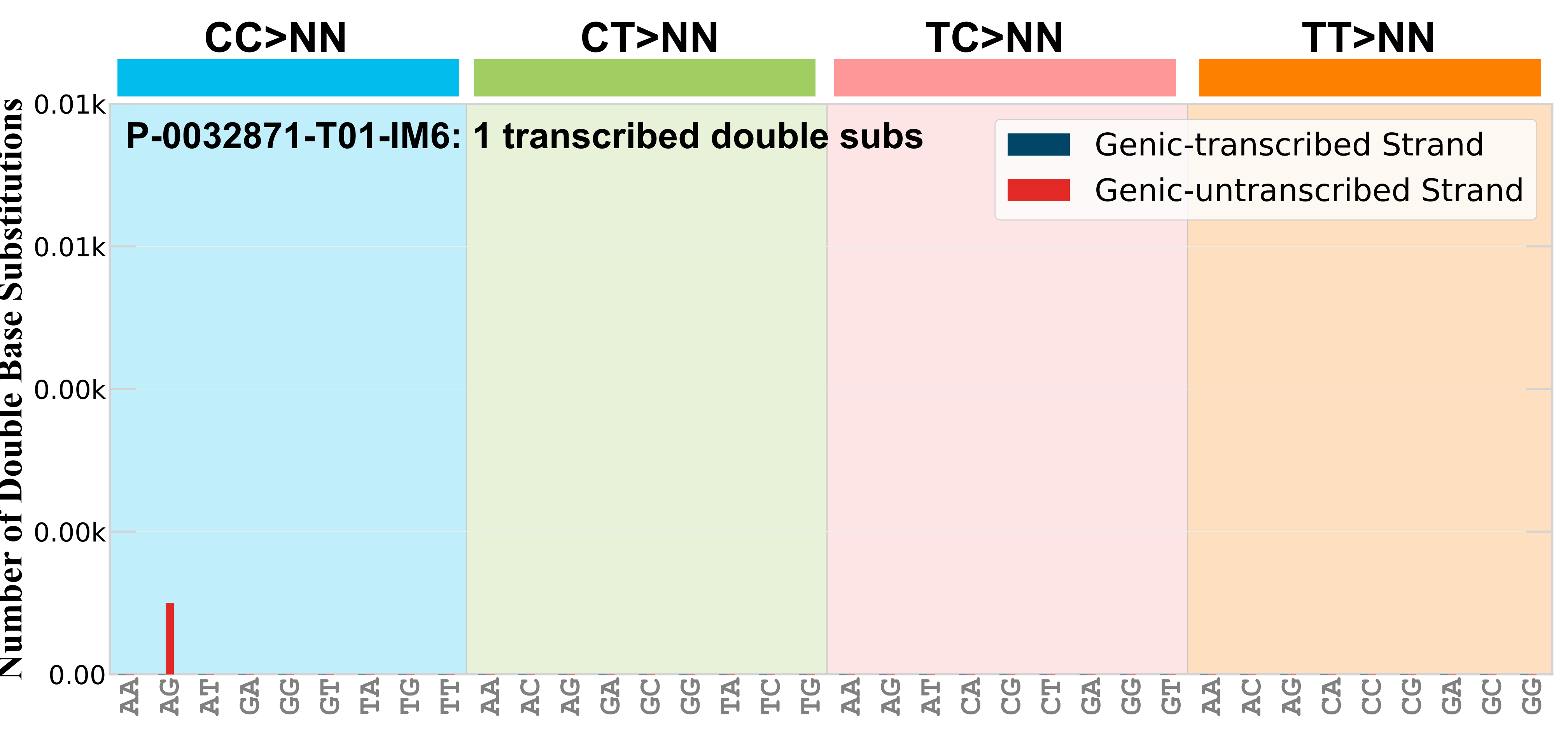






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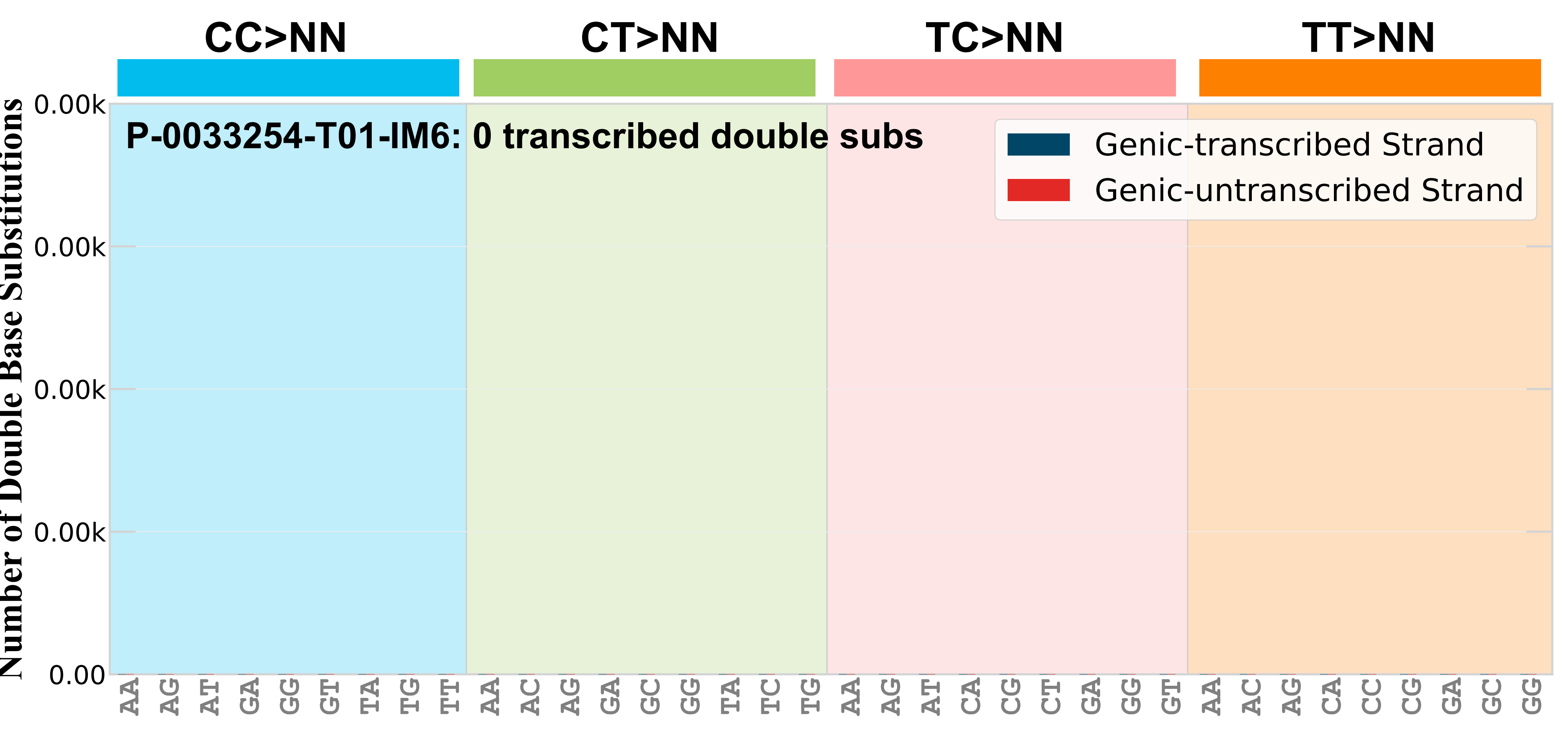


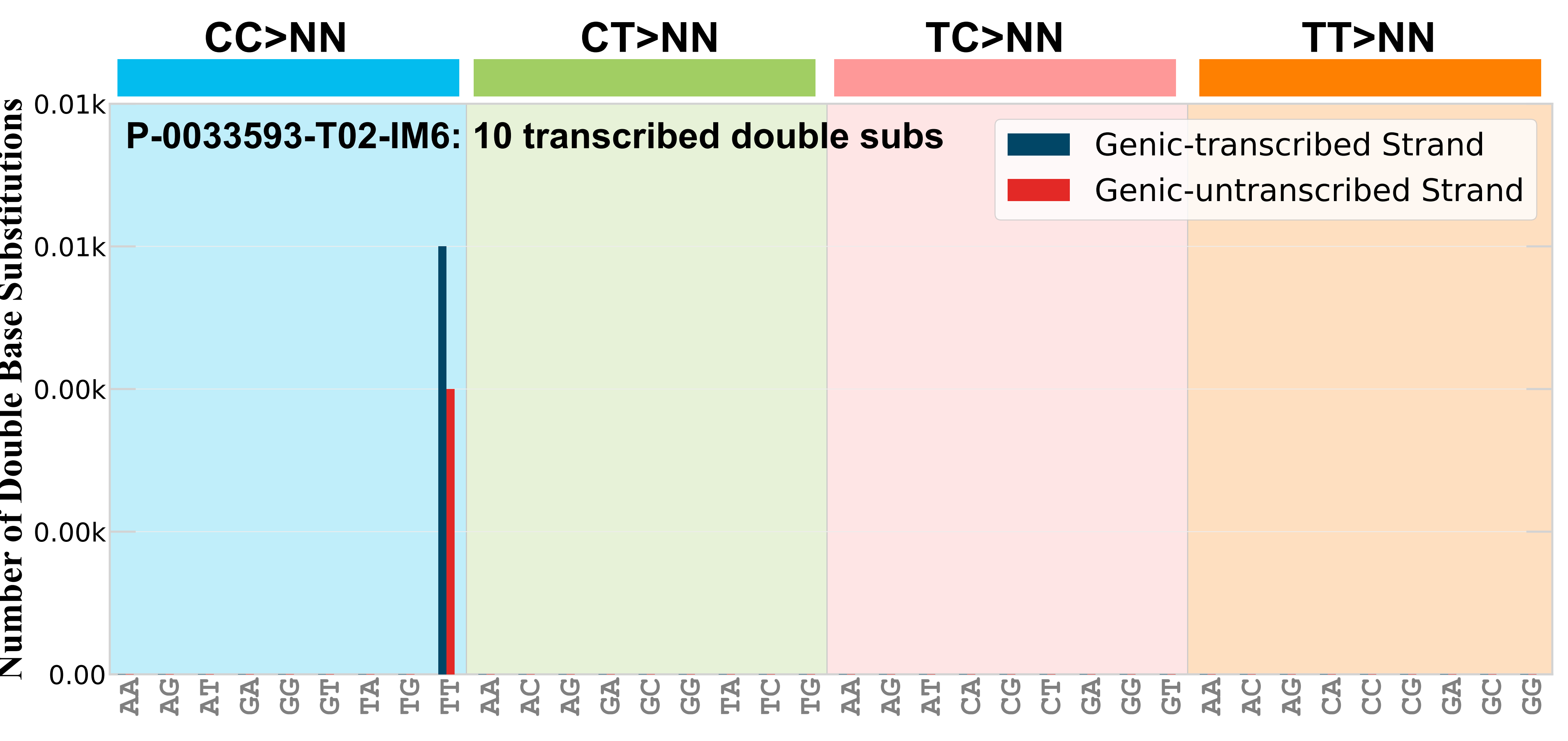


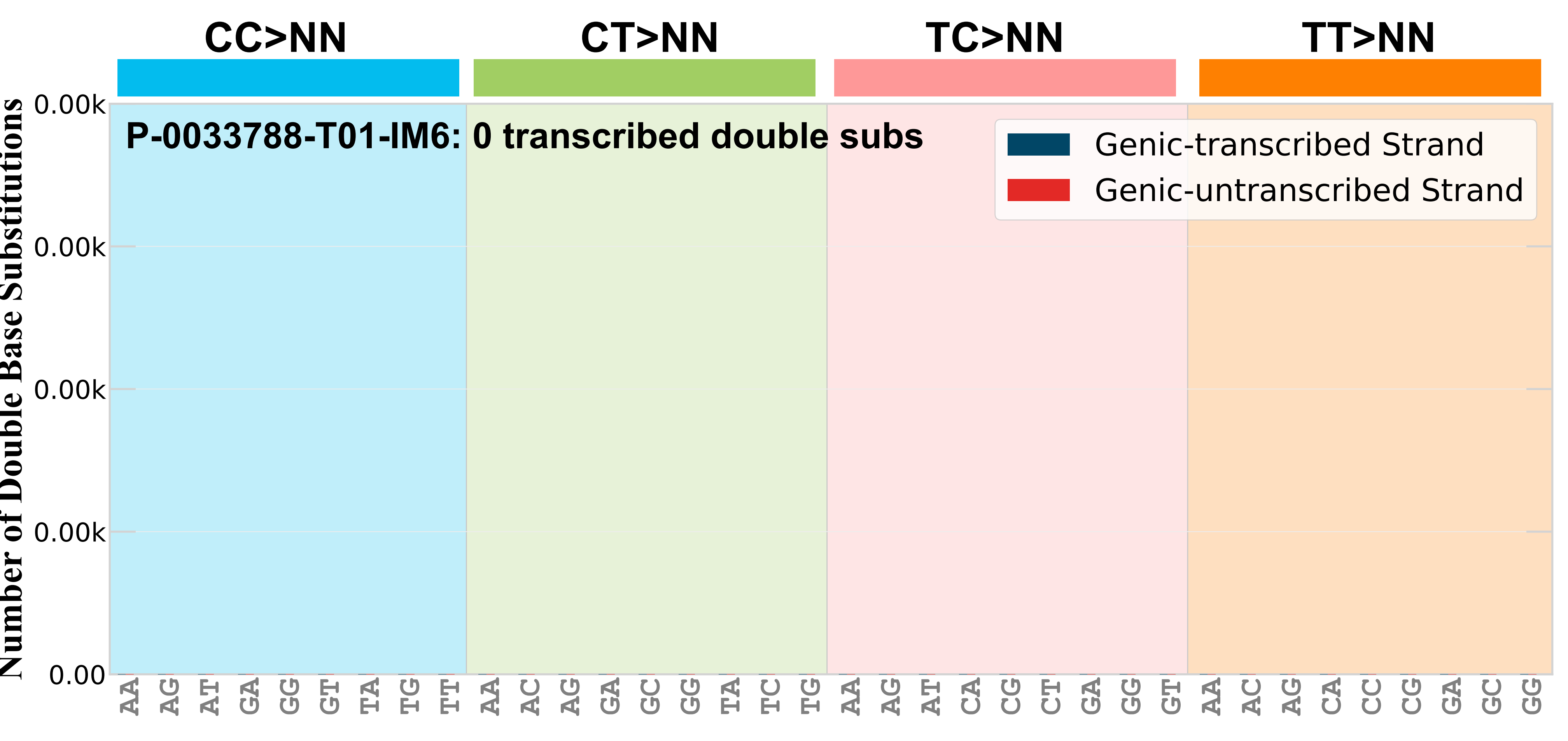


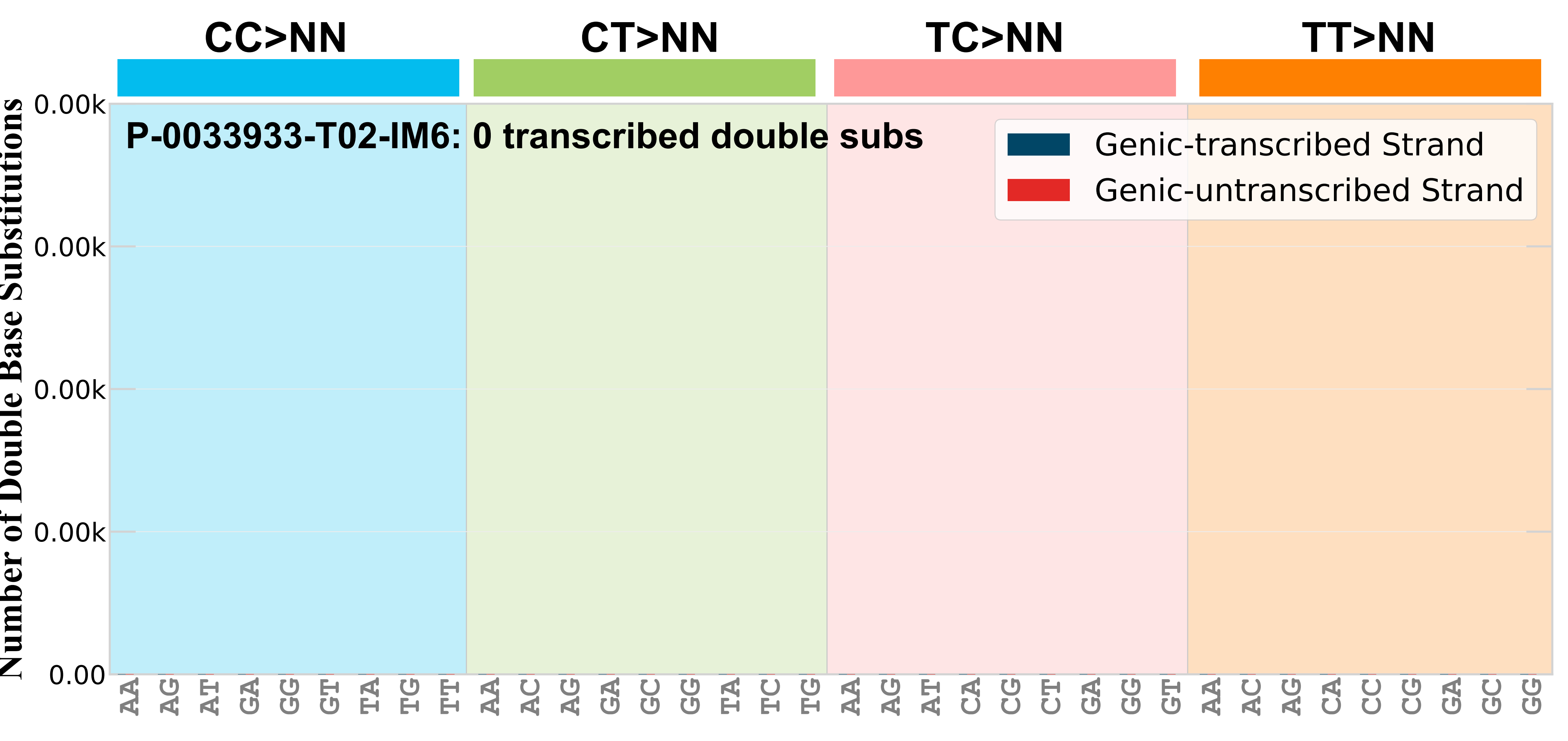




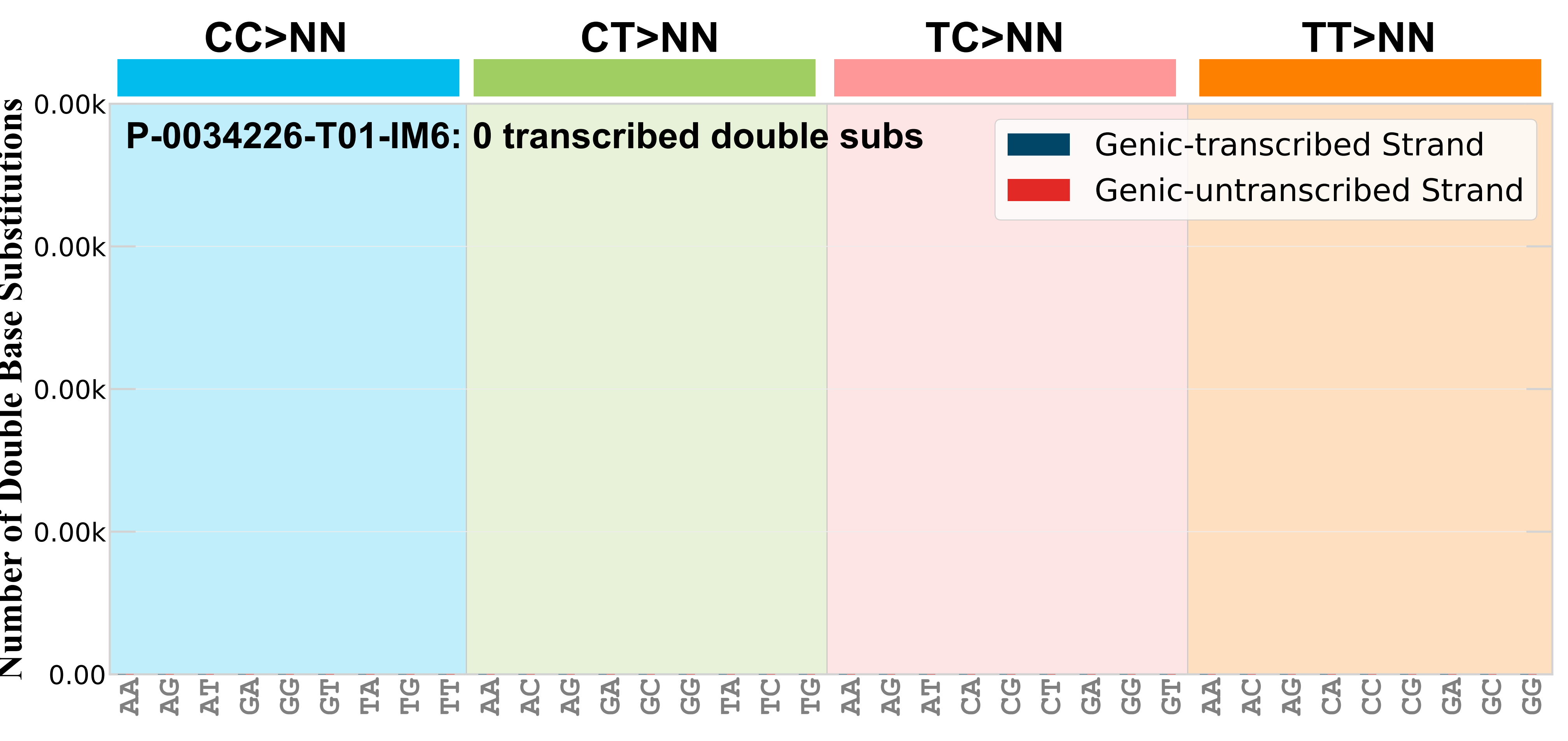


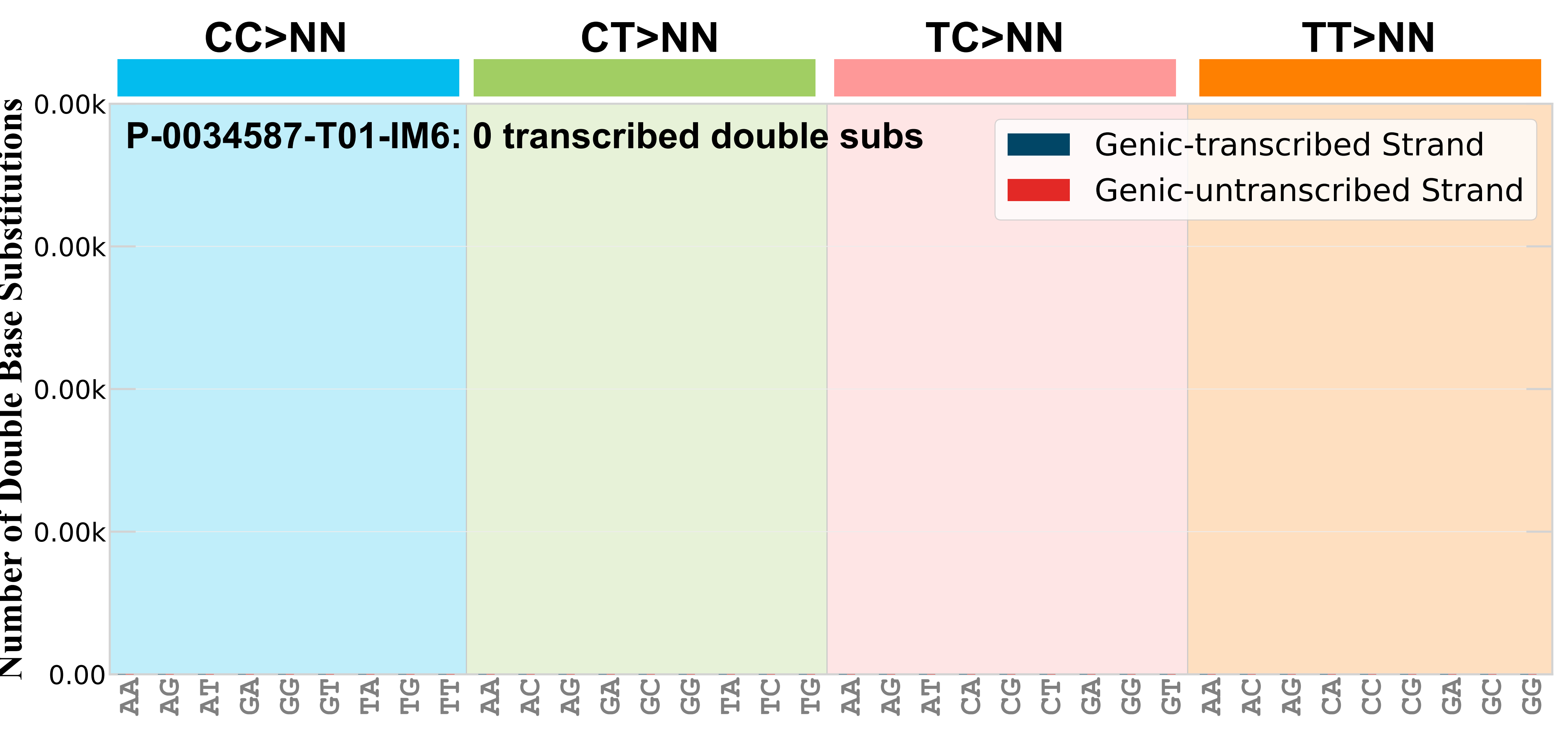




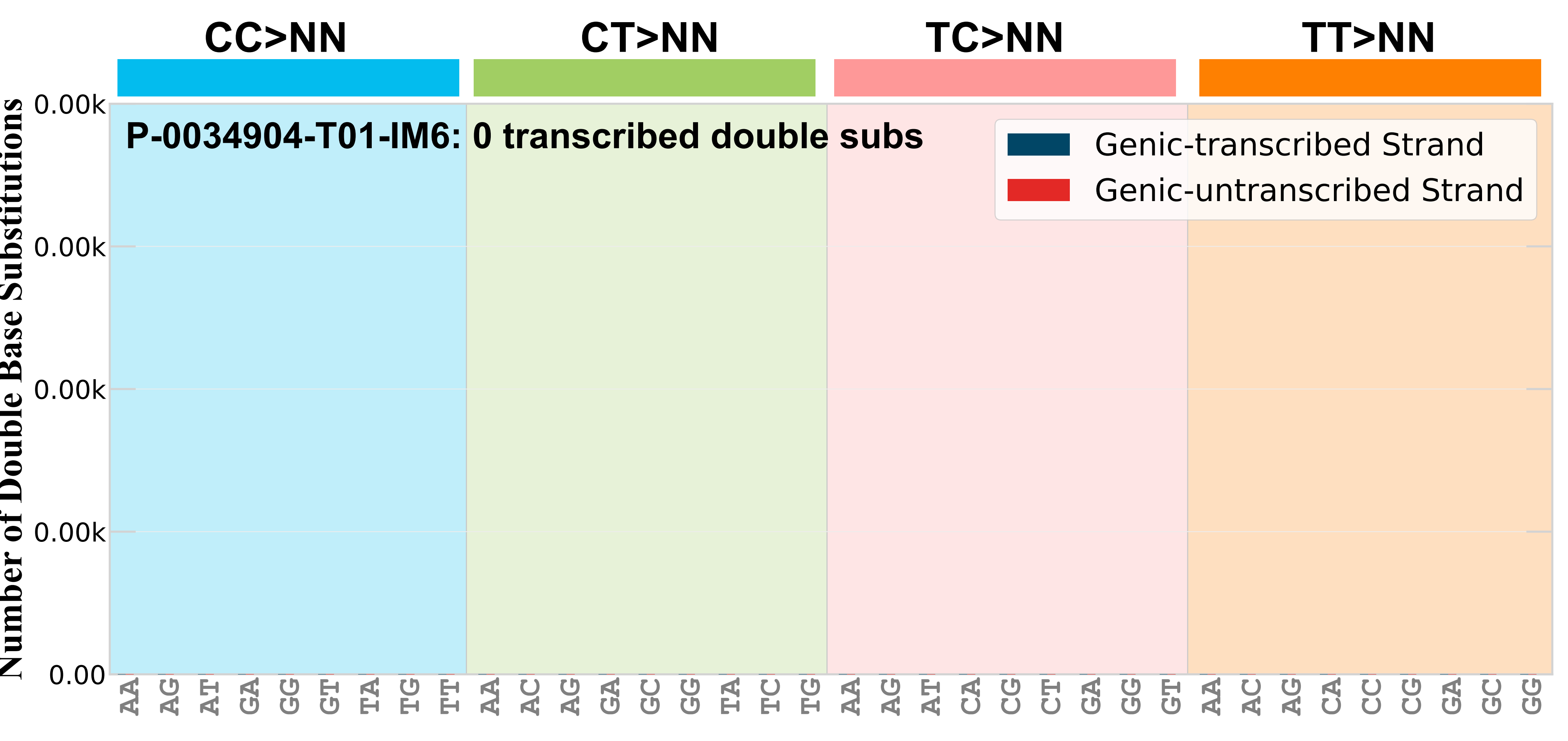


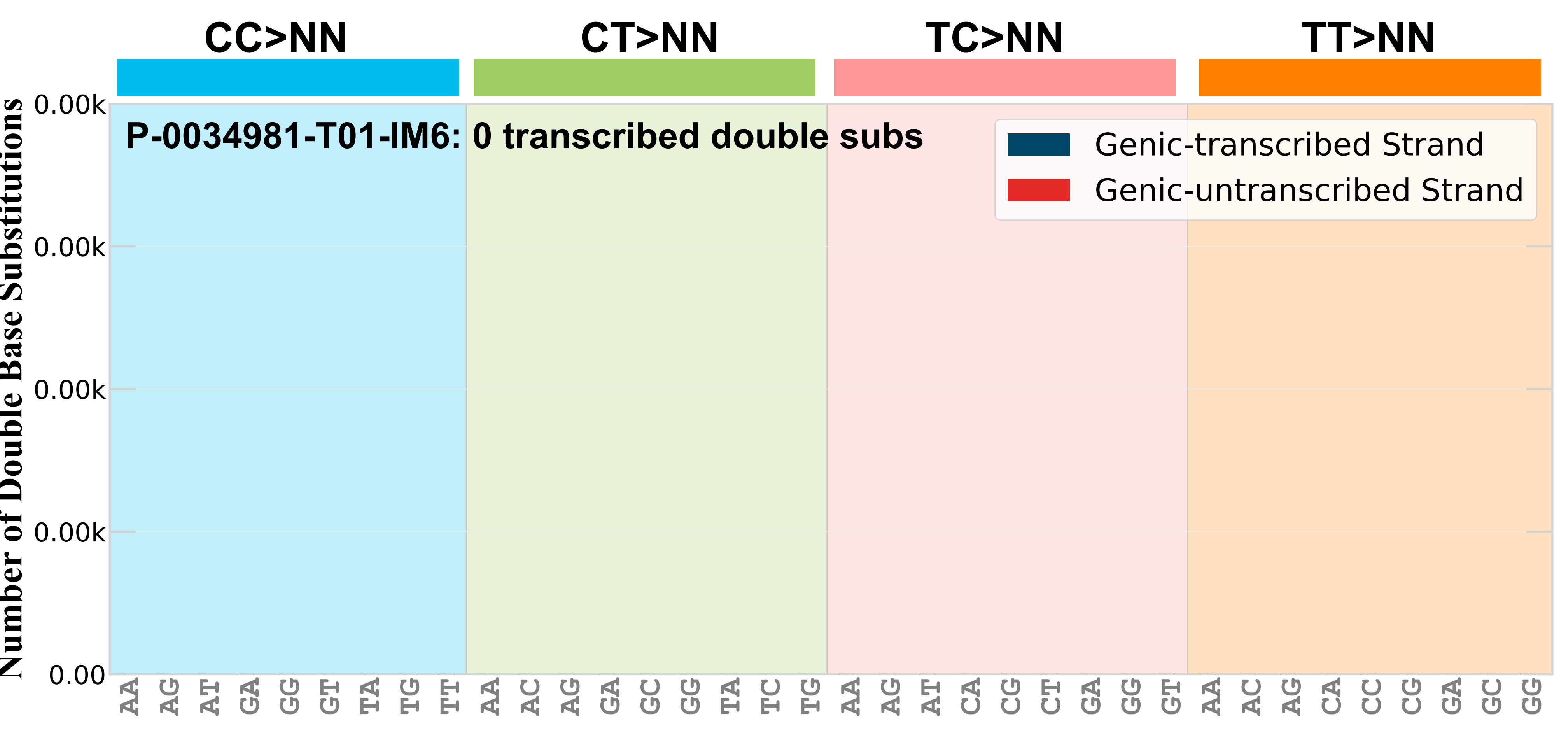




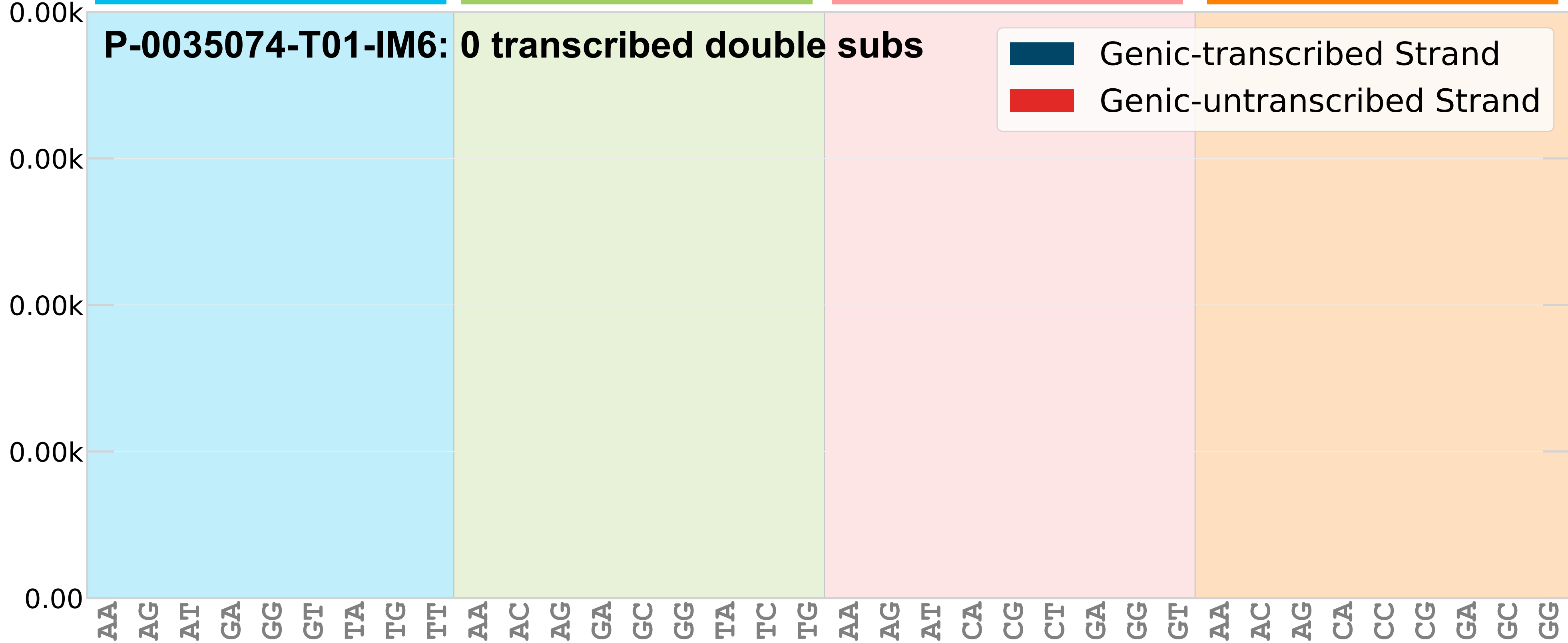




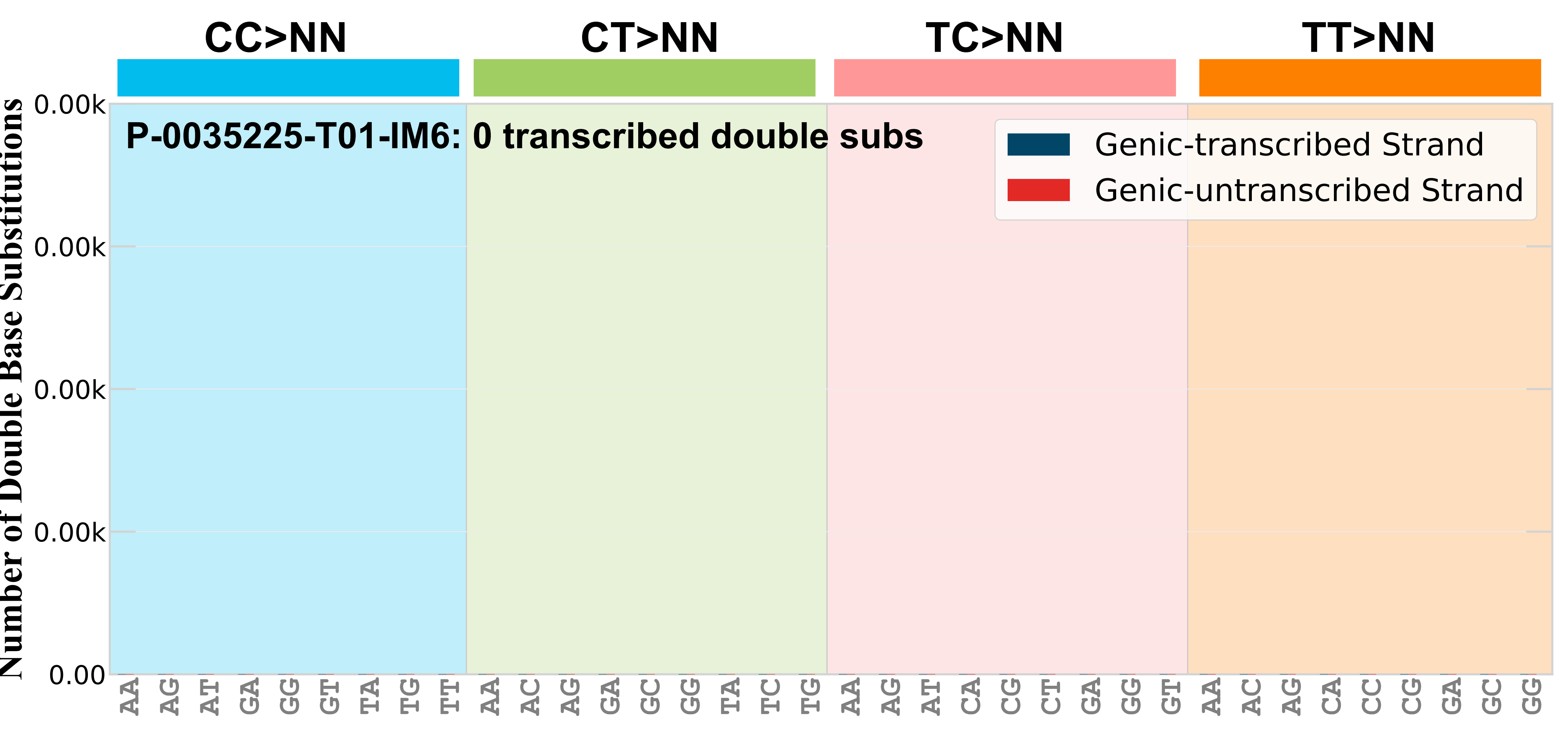


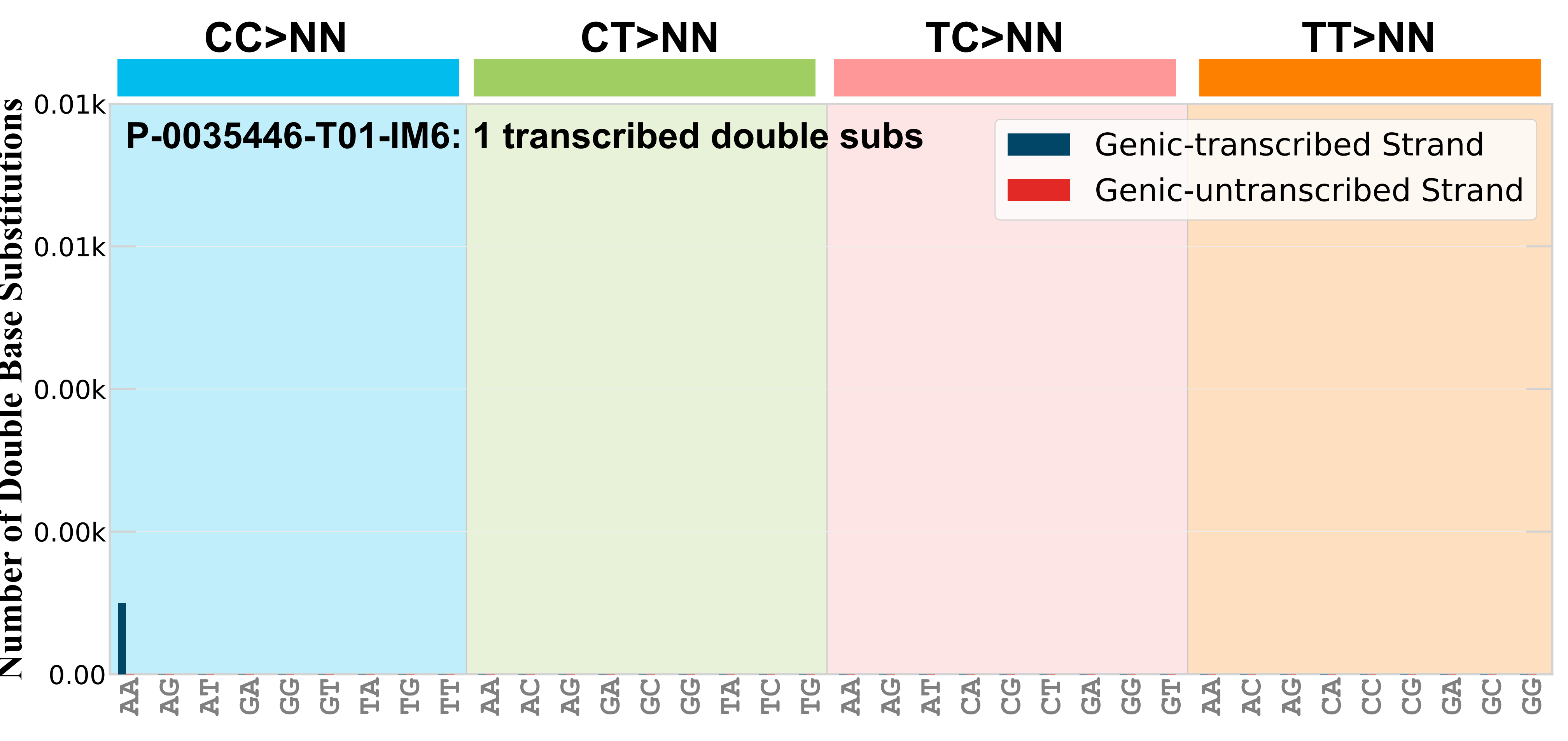


# TT>NN

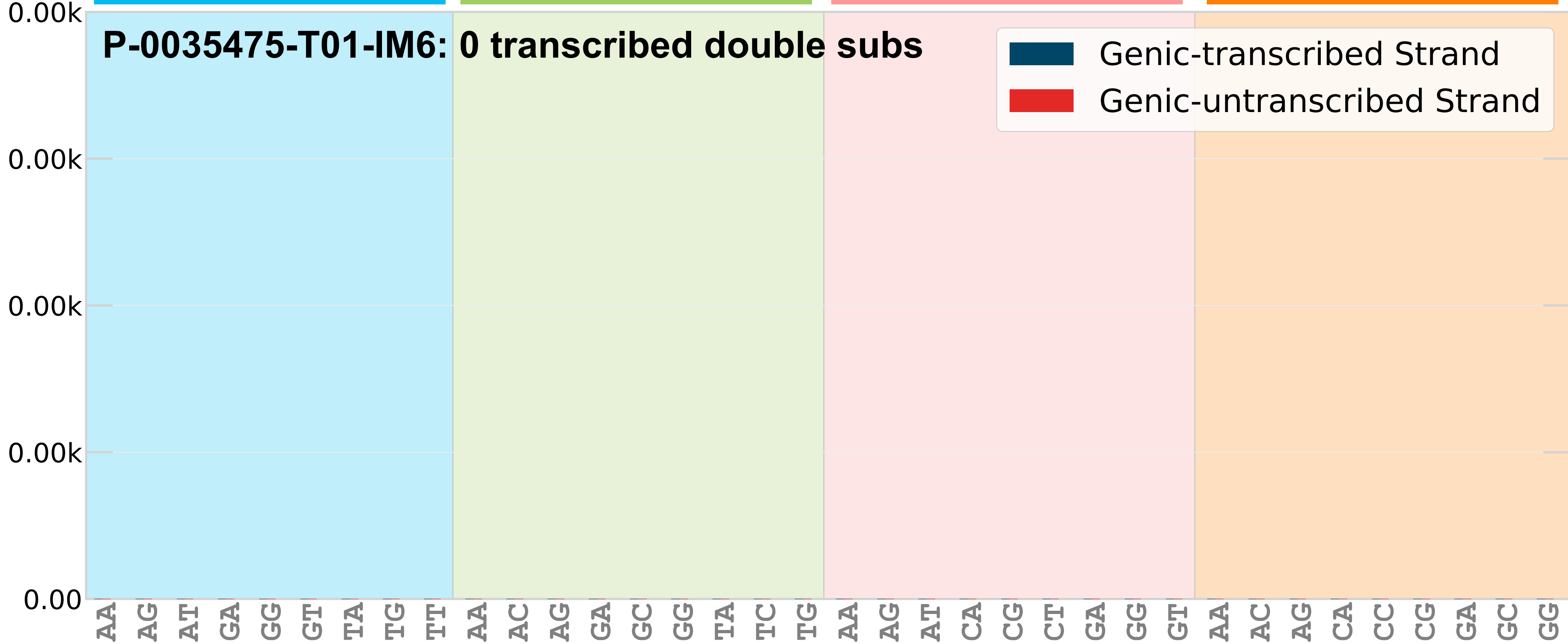








**TT>NN**



Number of Double Base Substitutions

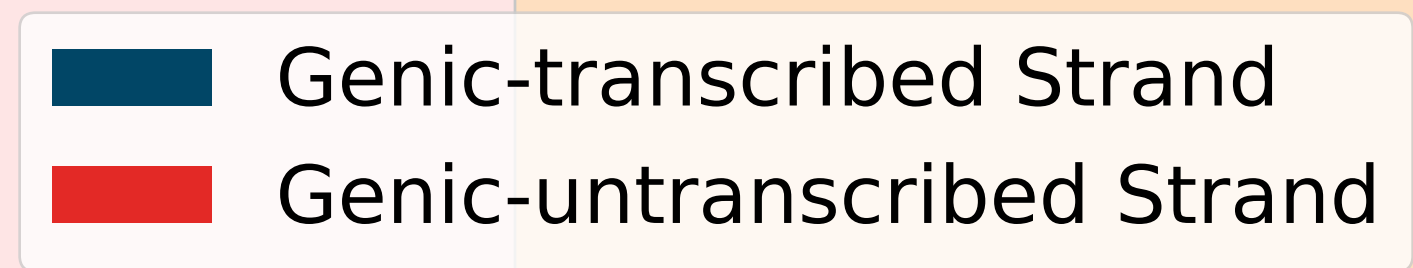
CC>NN

CT>NN

TC>NN

TT>NN

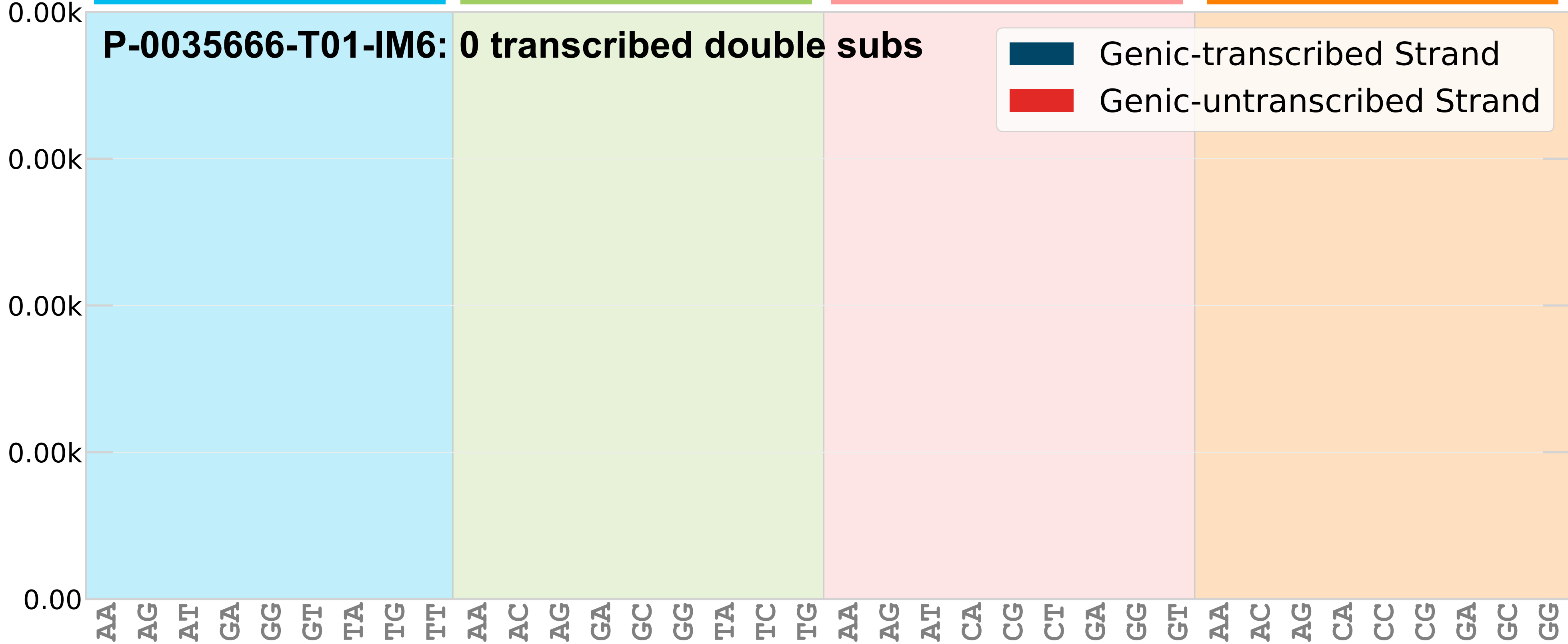
P-0035529-T01-IM6: 0 transcribed double subs



AA AG AT GA GG GT TA TG TT AA AC AG GA GC GG TA TC TG AA AG AT CA CG CT GA GG GT AA AC AG CA CC CG GA GC GG

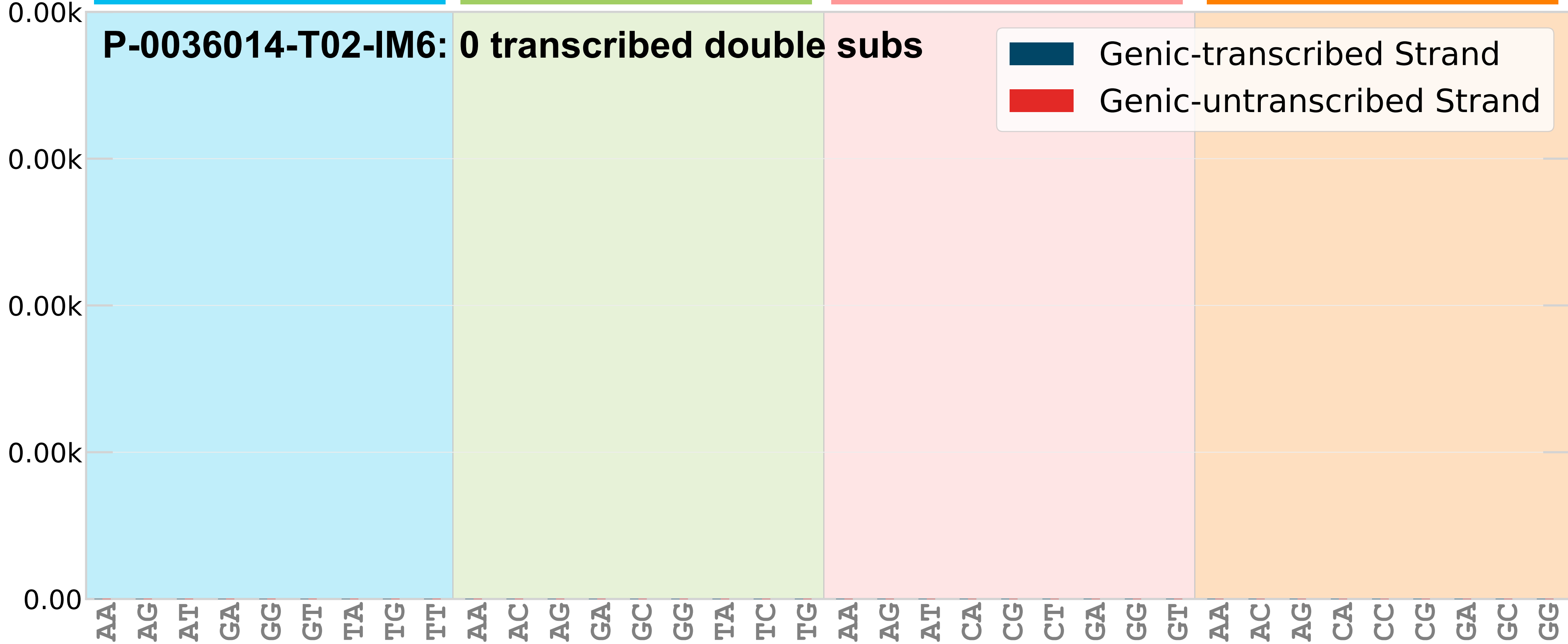


# TT>NN



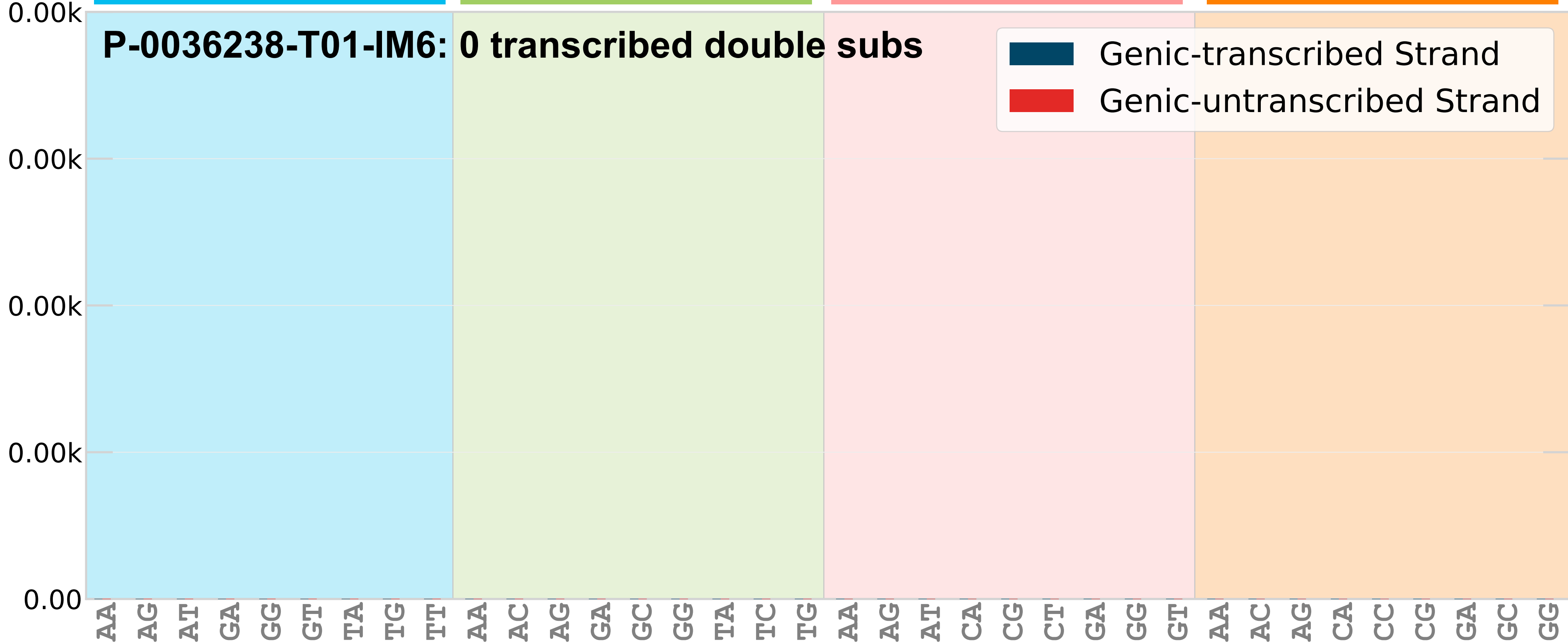


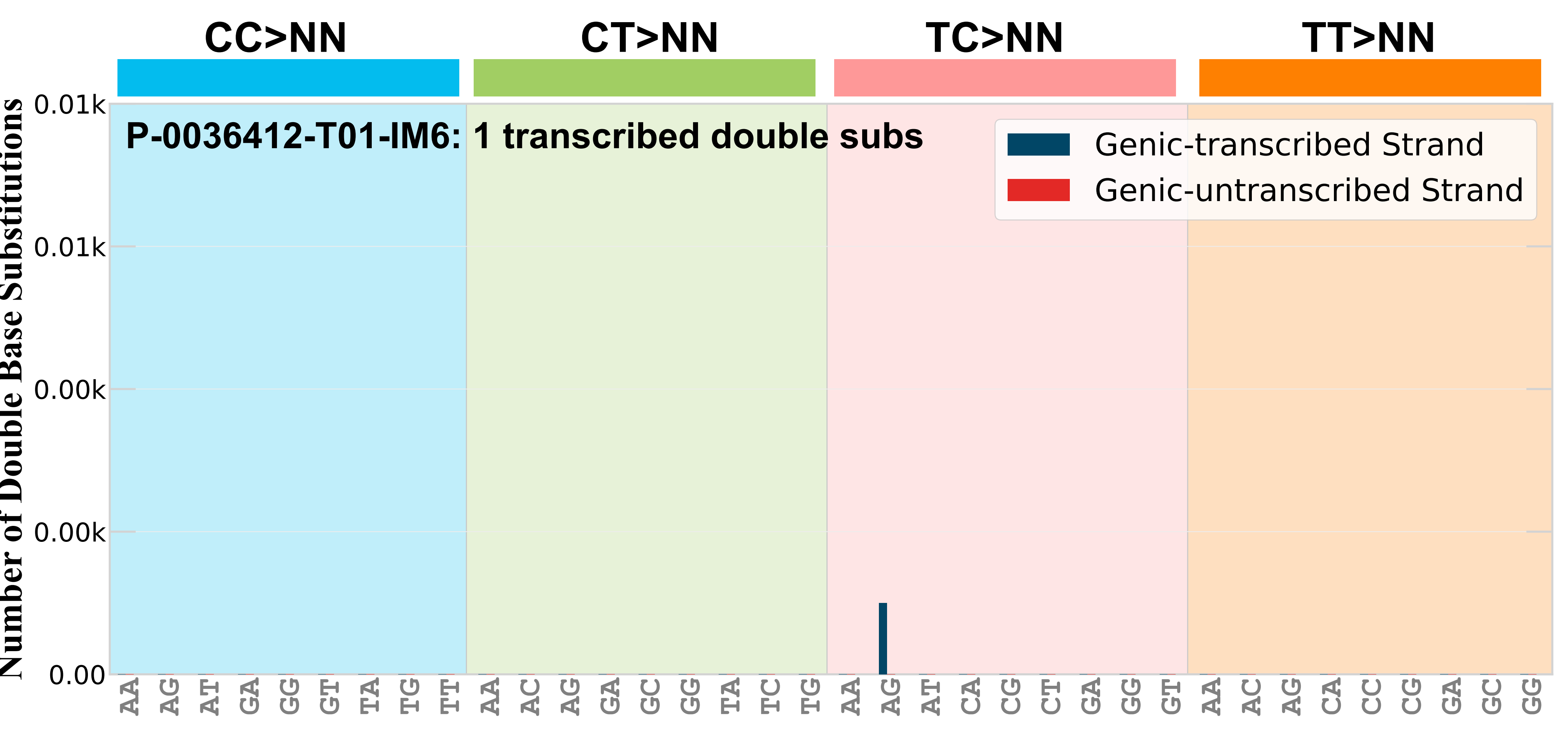
**TT>NN**

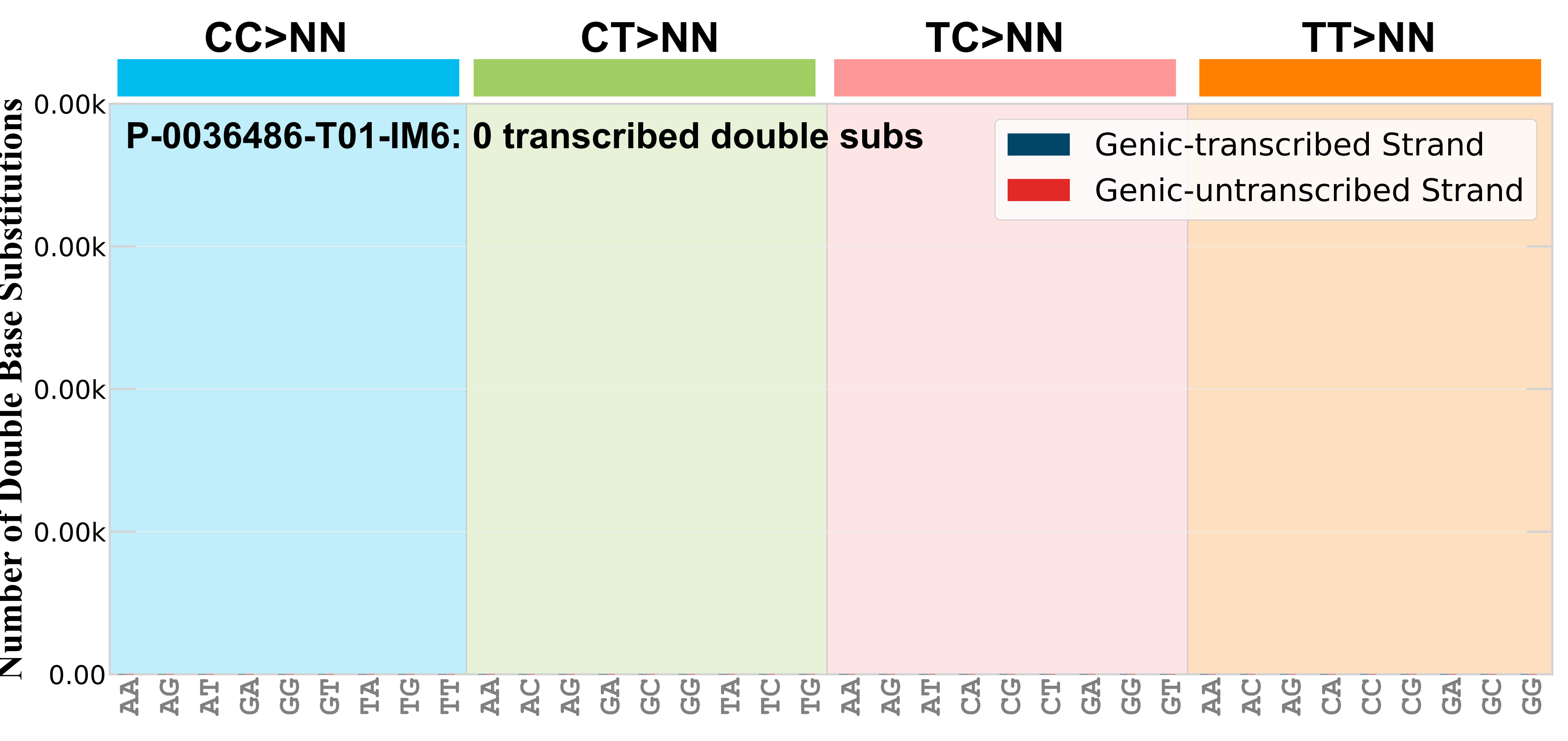




**TT>NN**

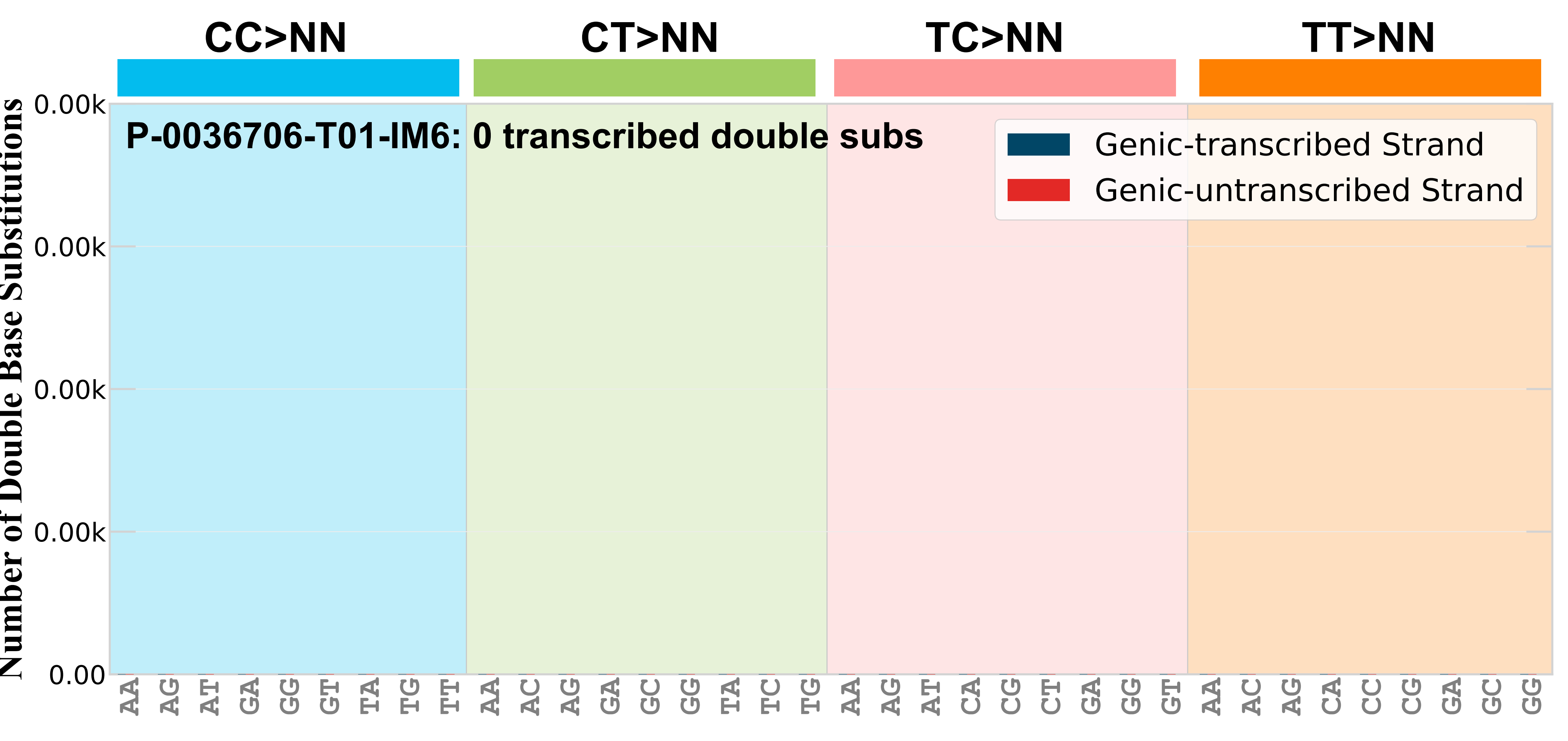












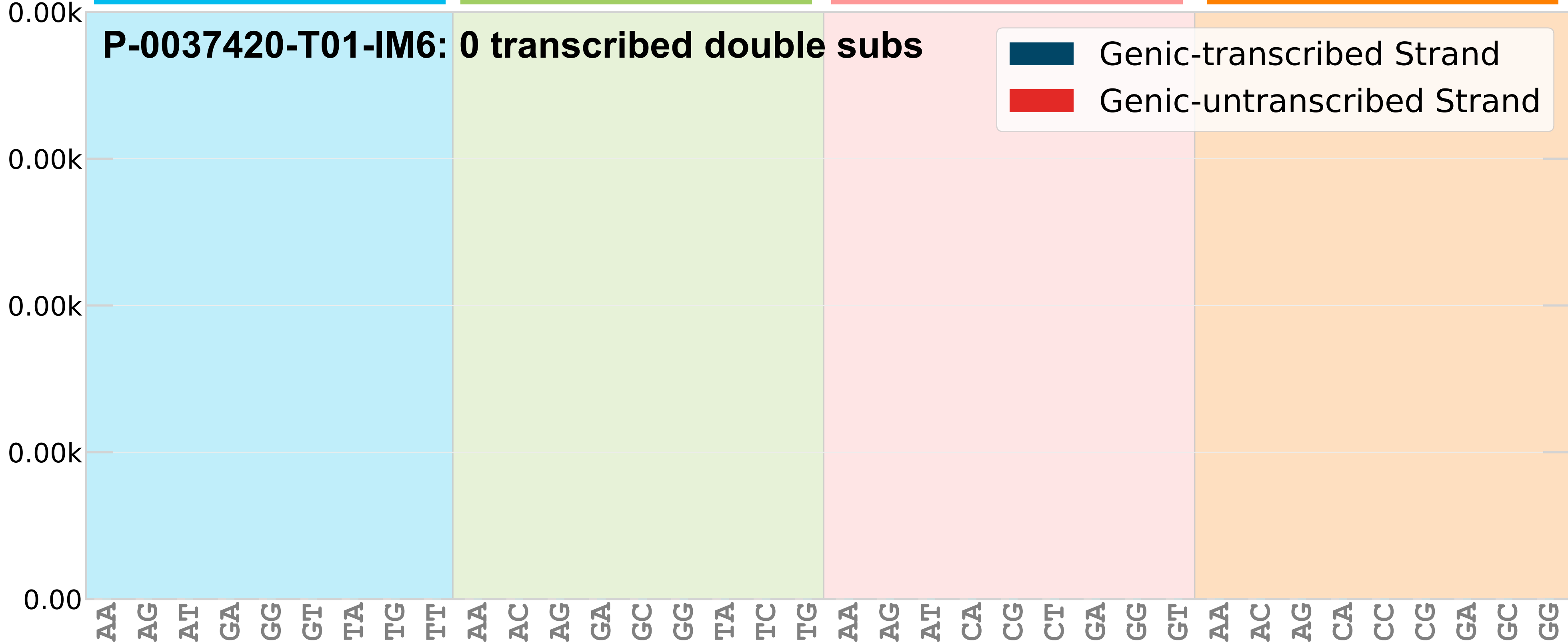




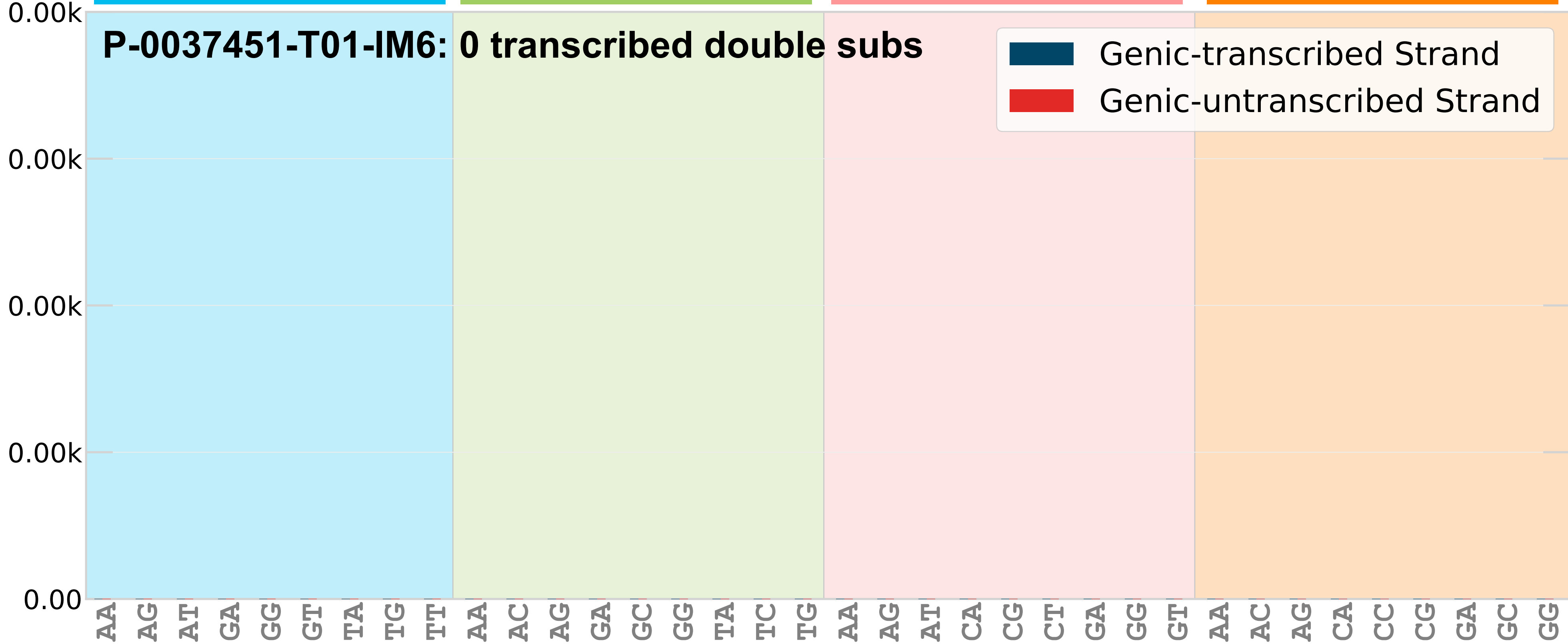




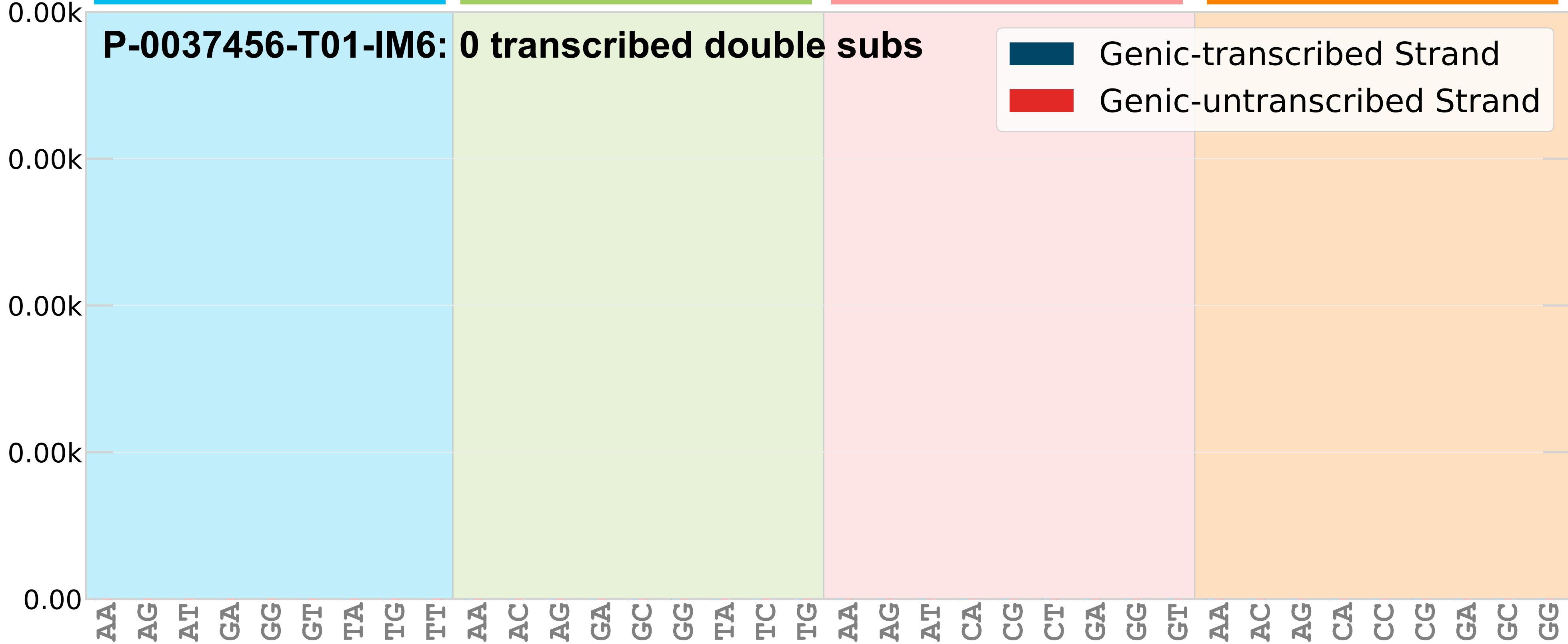
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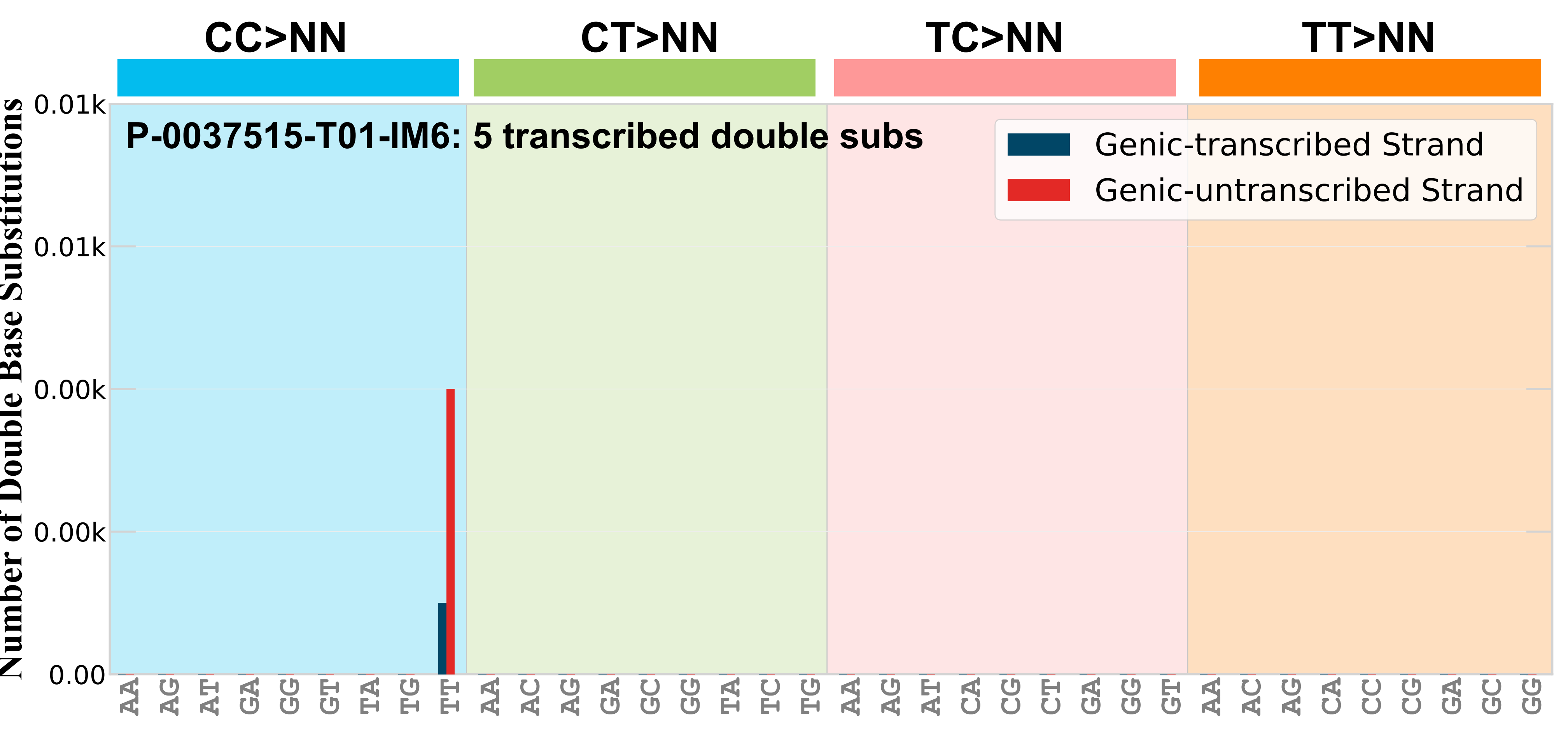
**TT>NN**



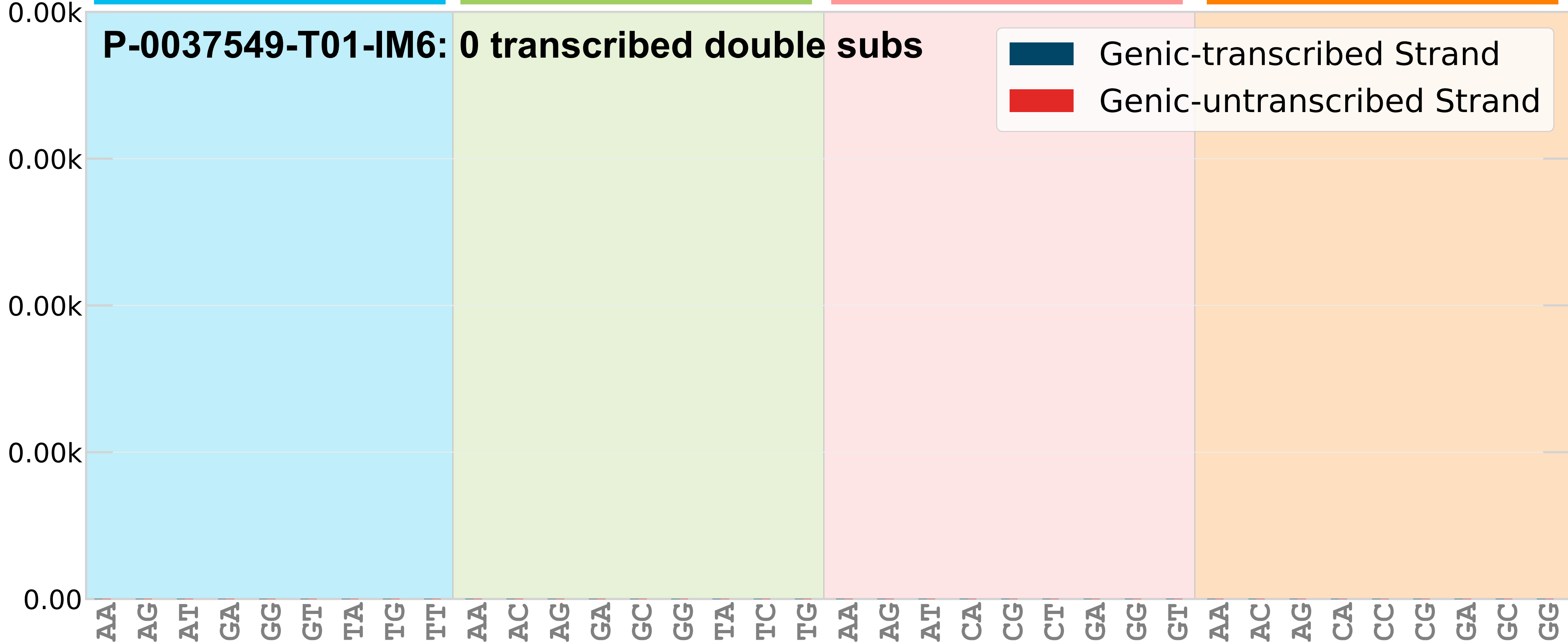
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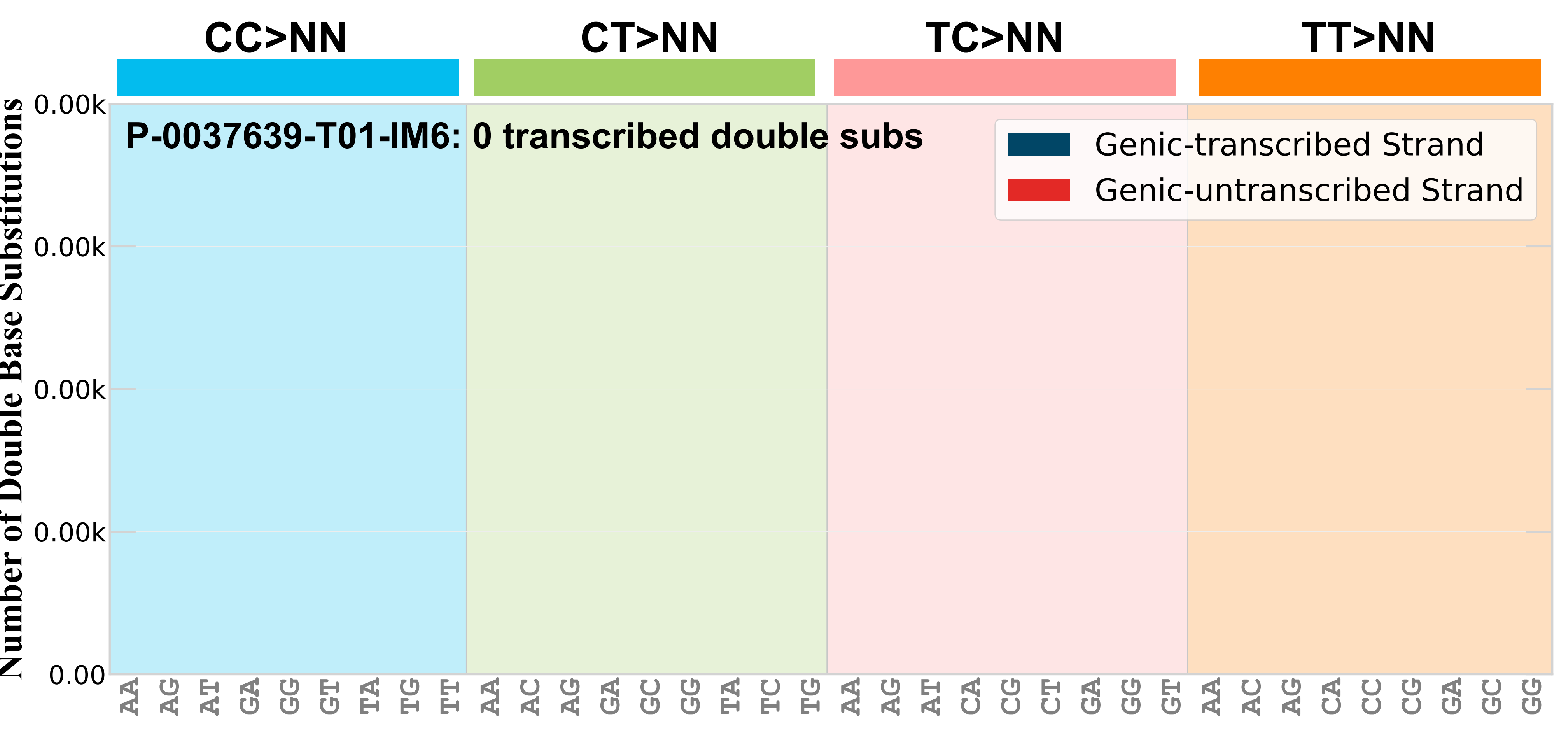


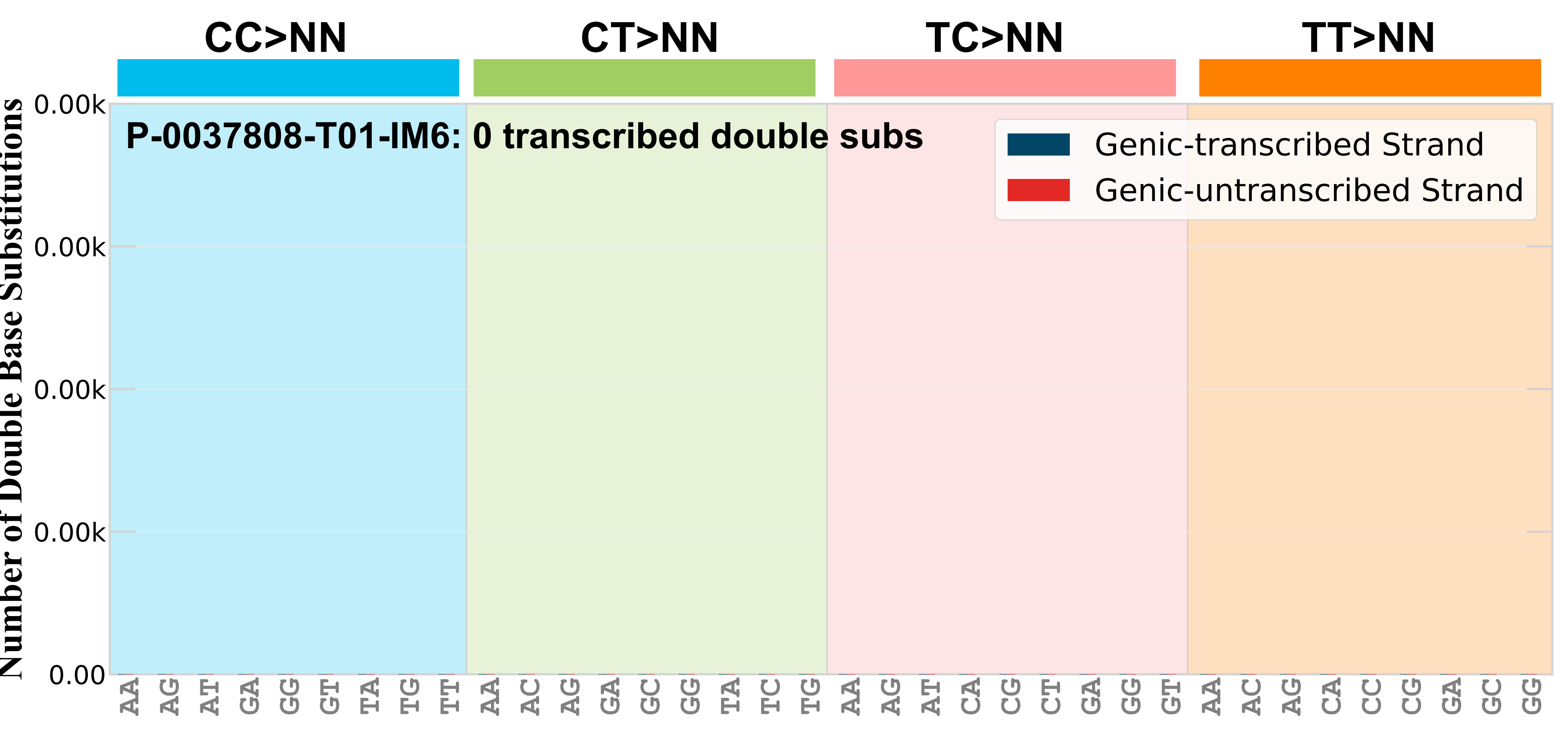


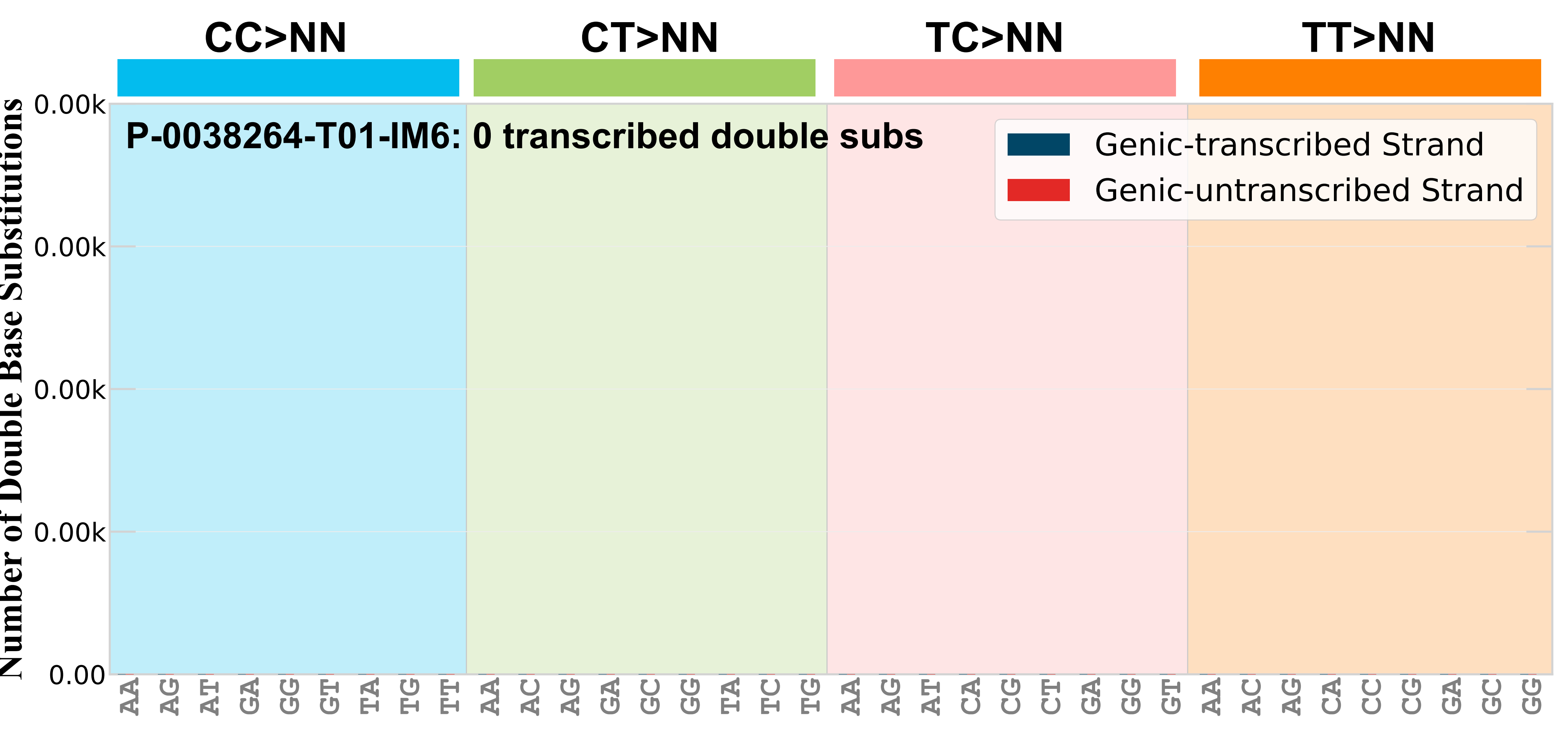


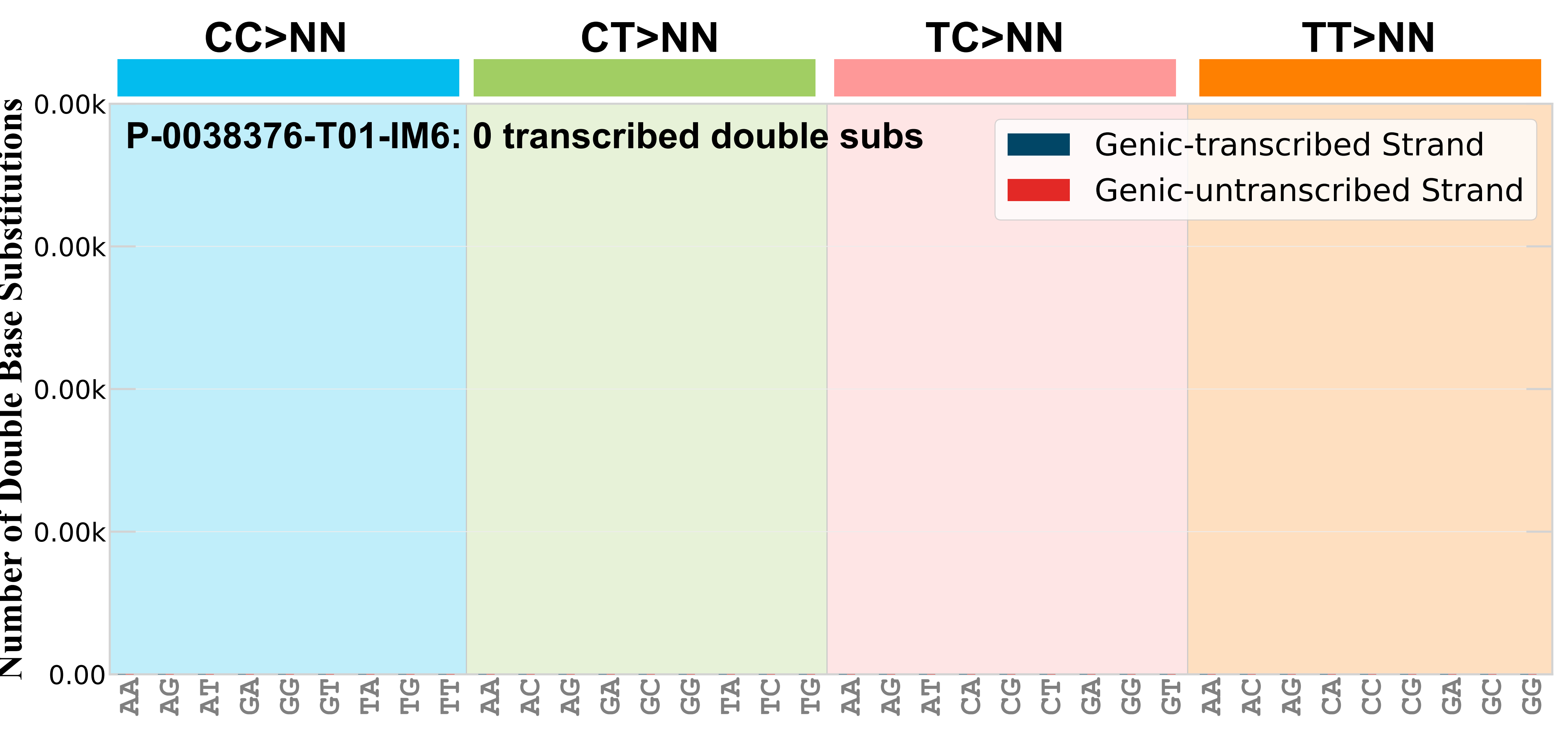
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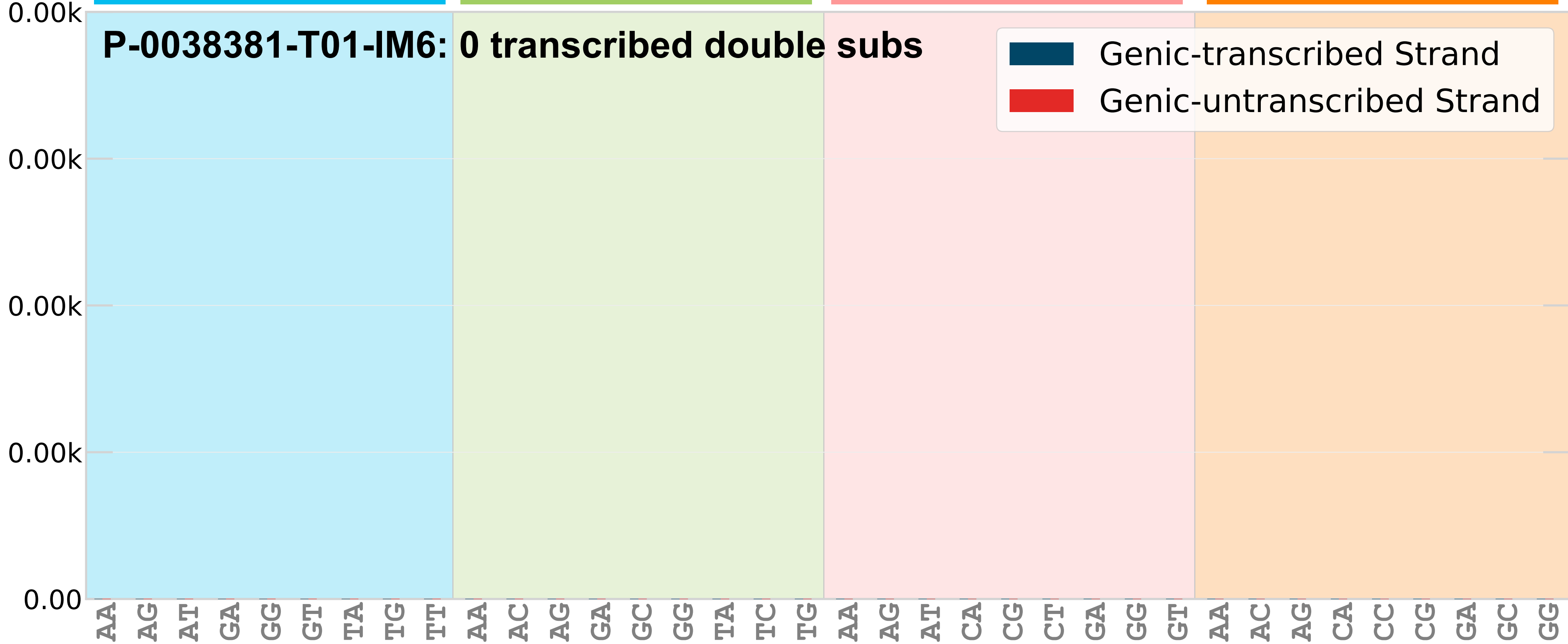


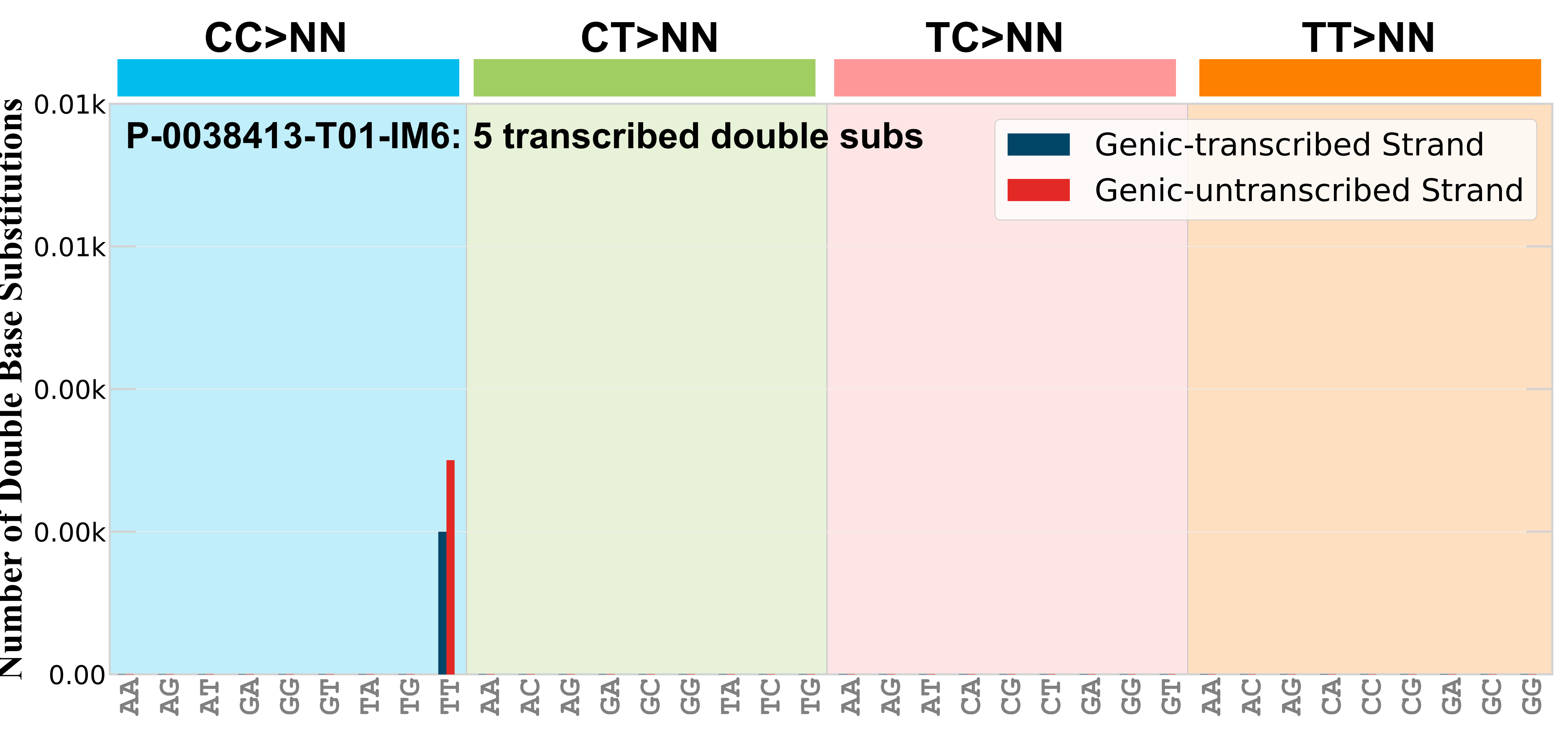






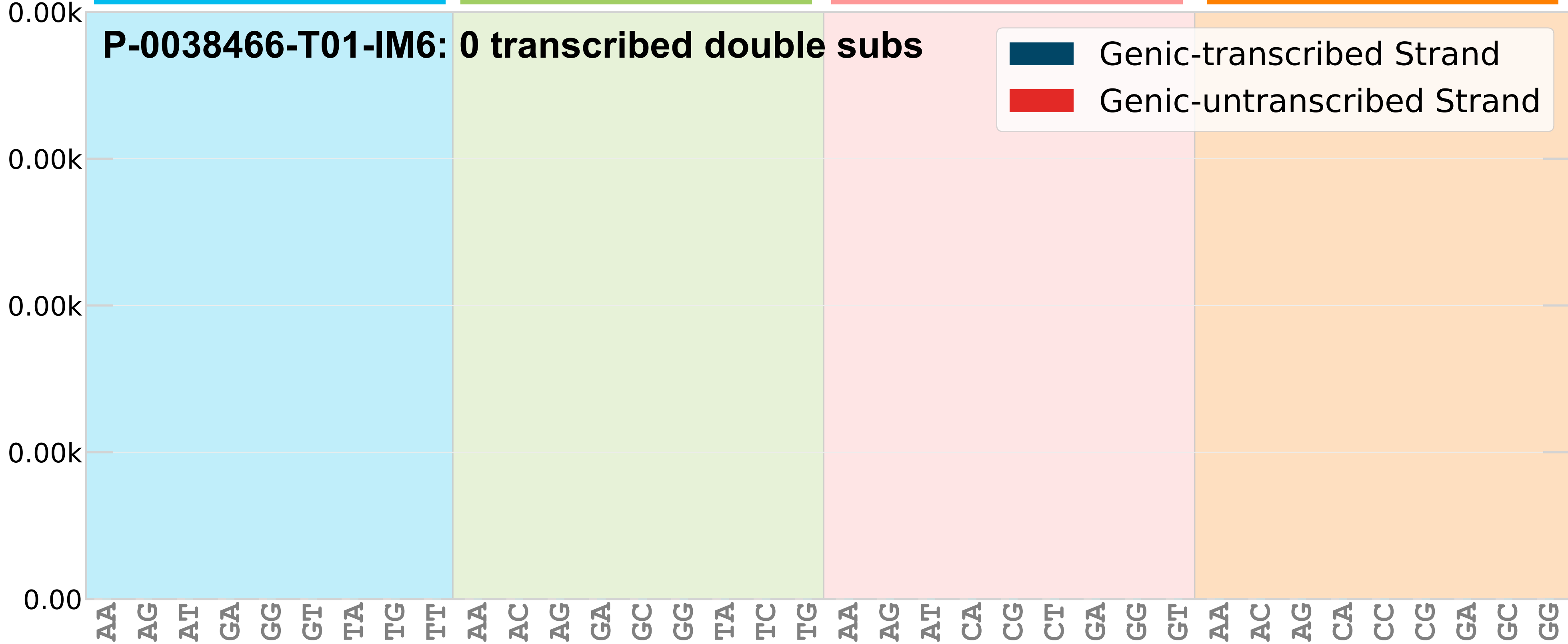
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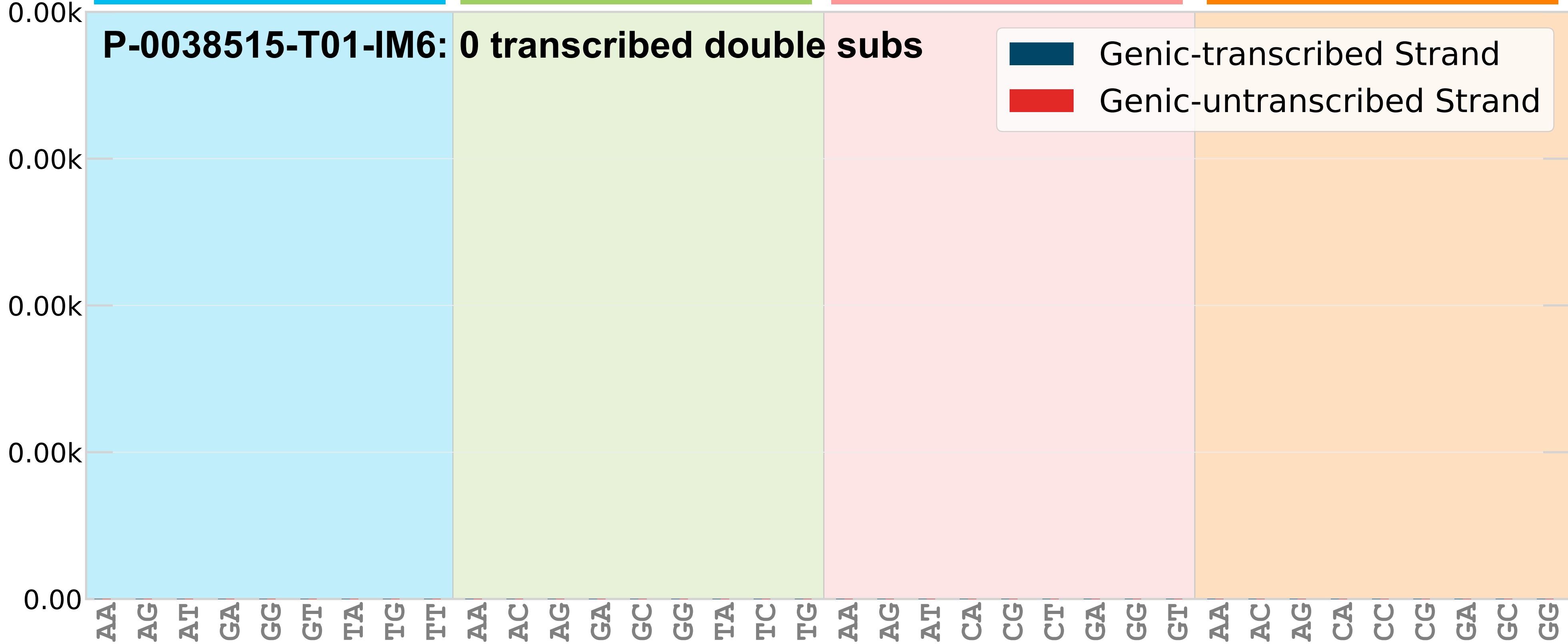




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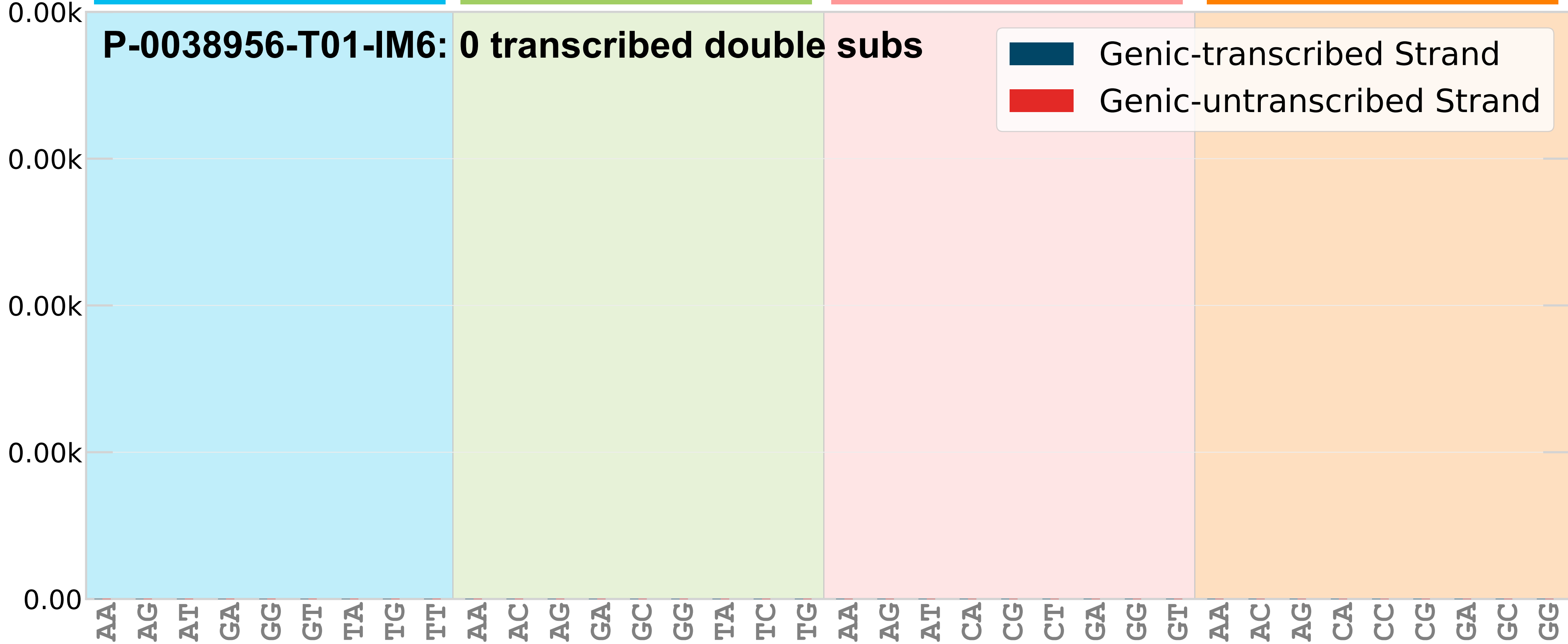


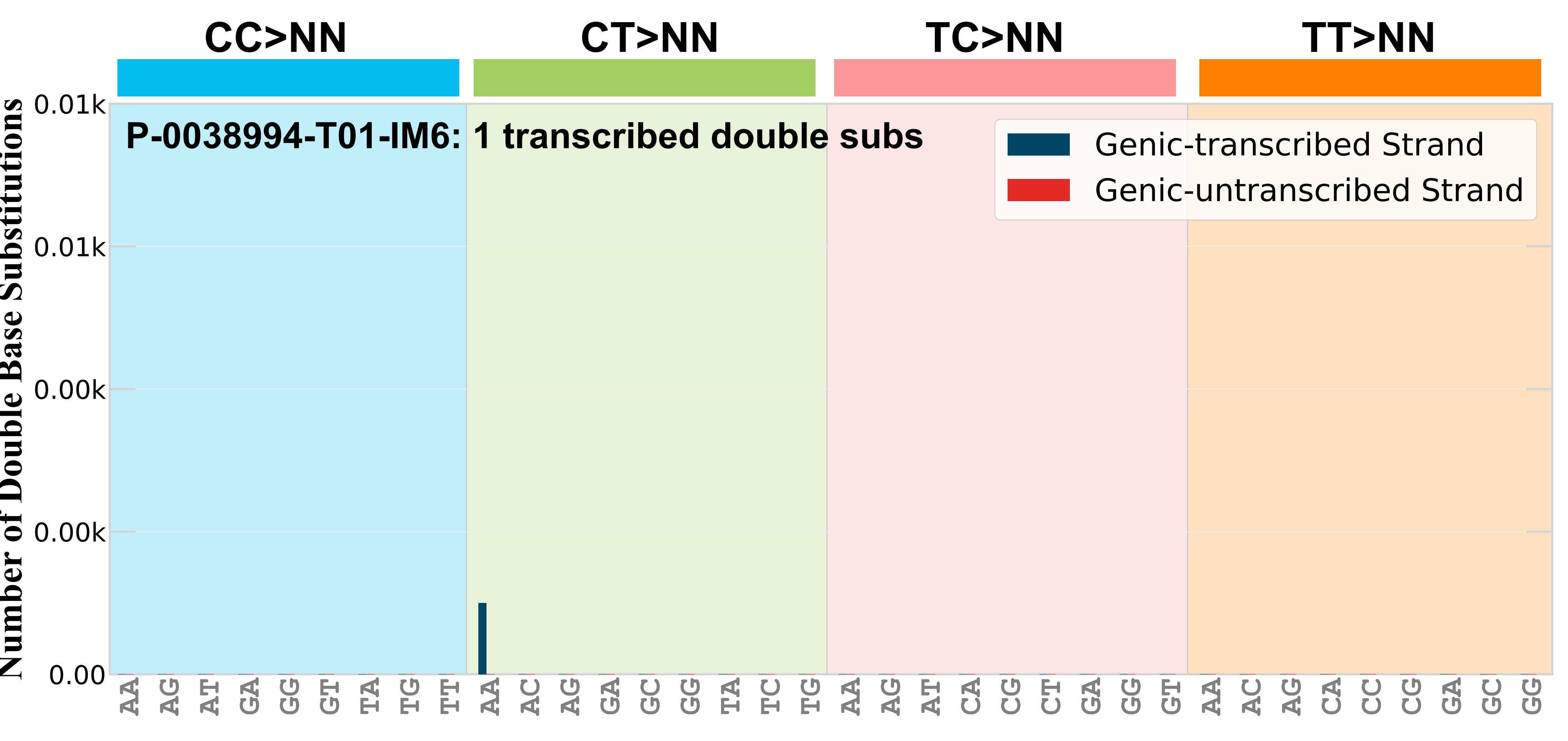
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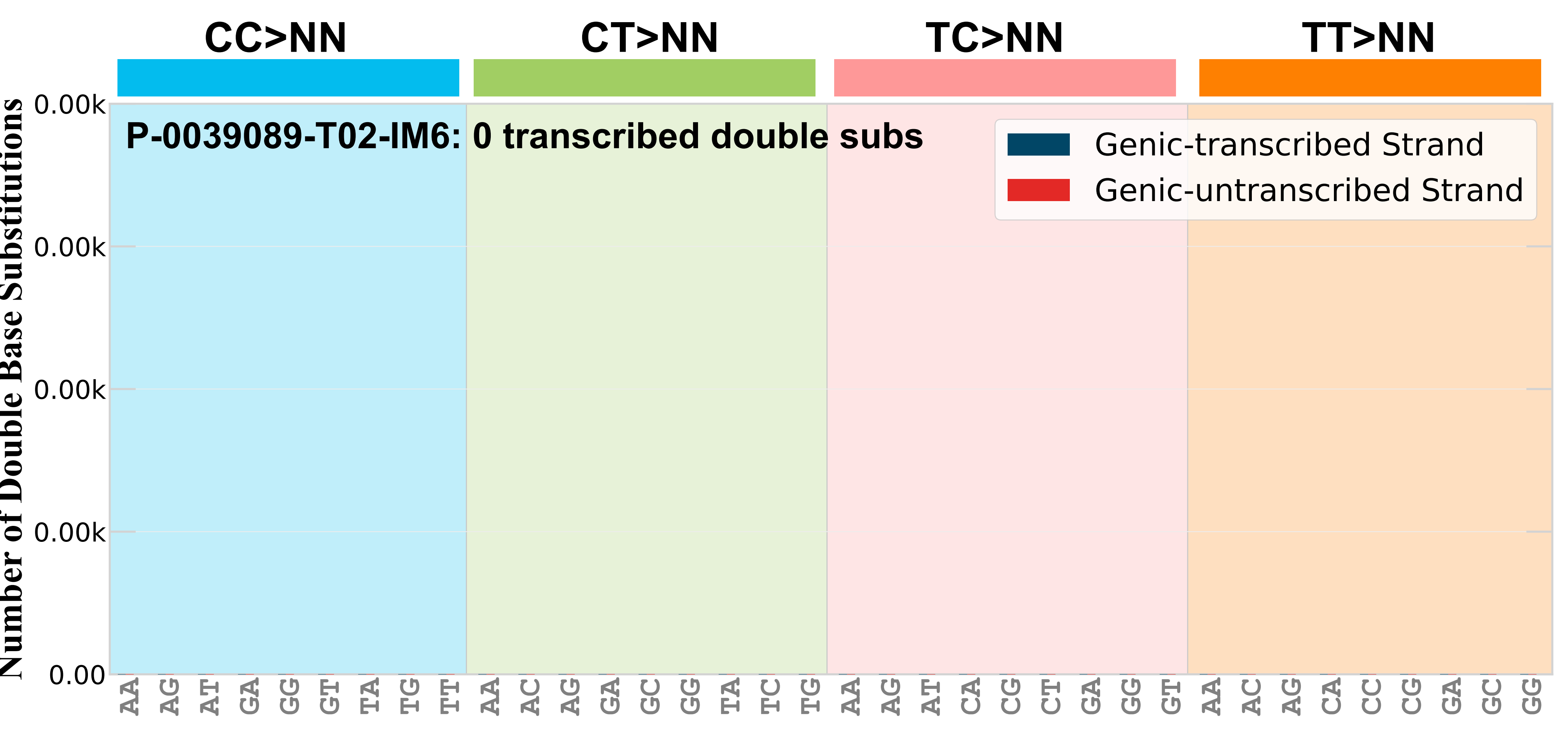


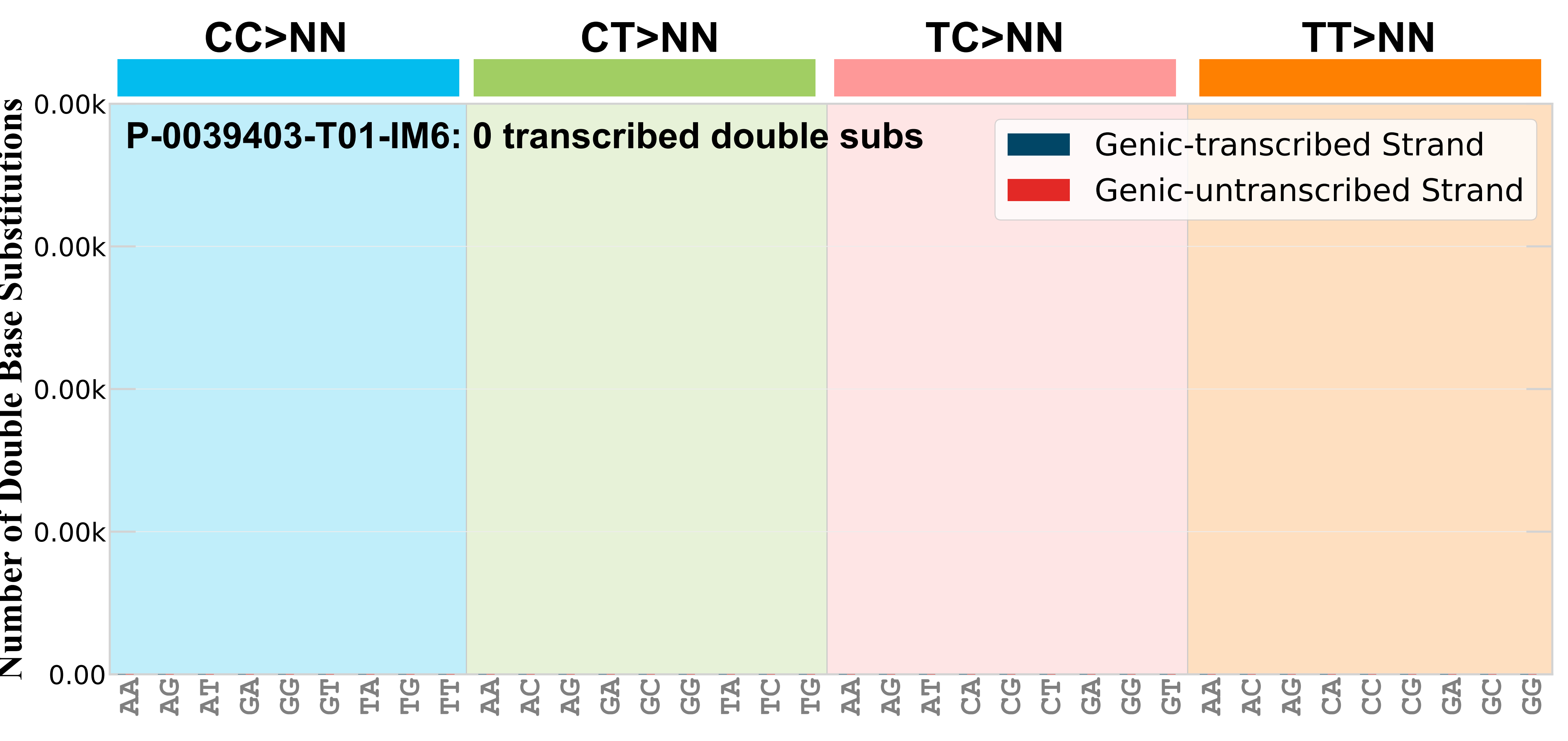


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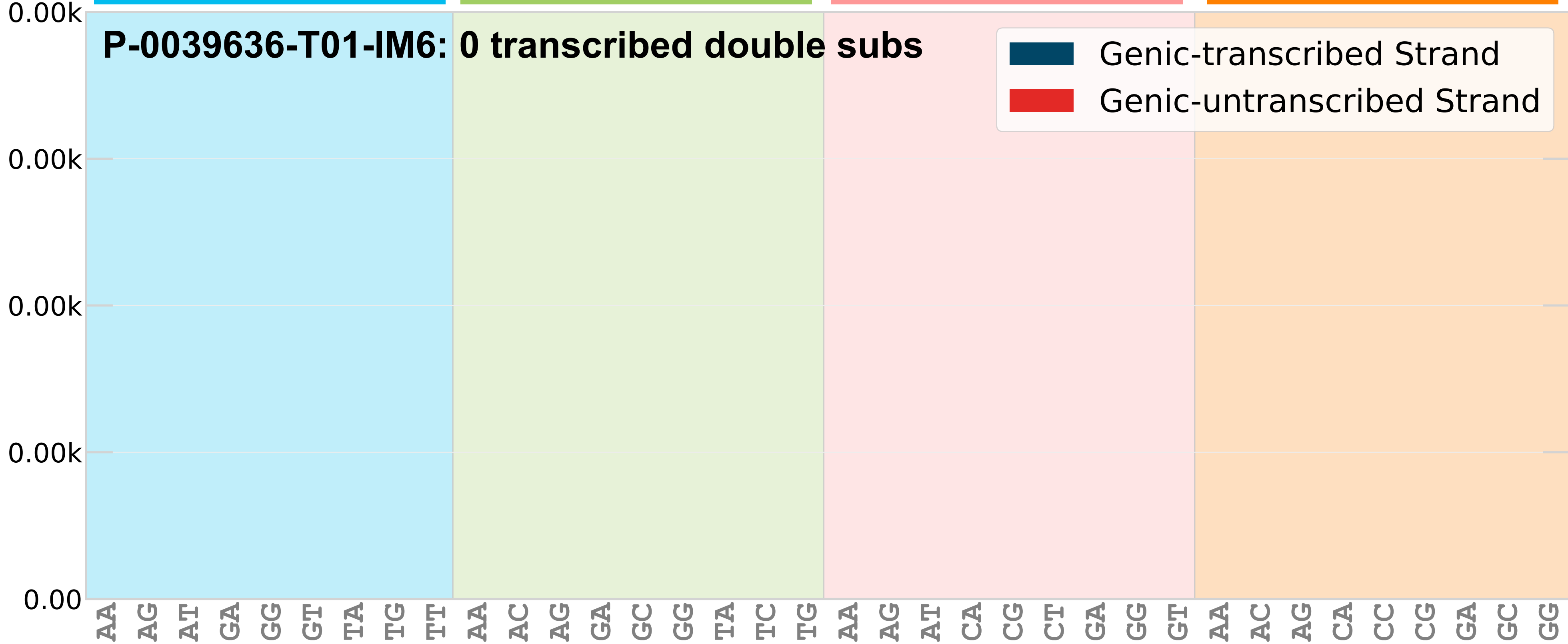






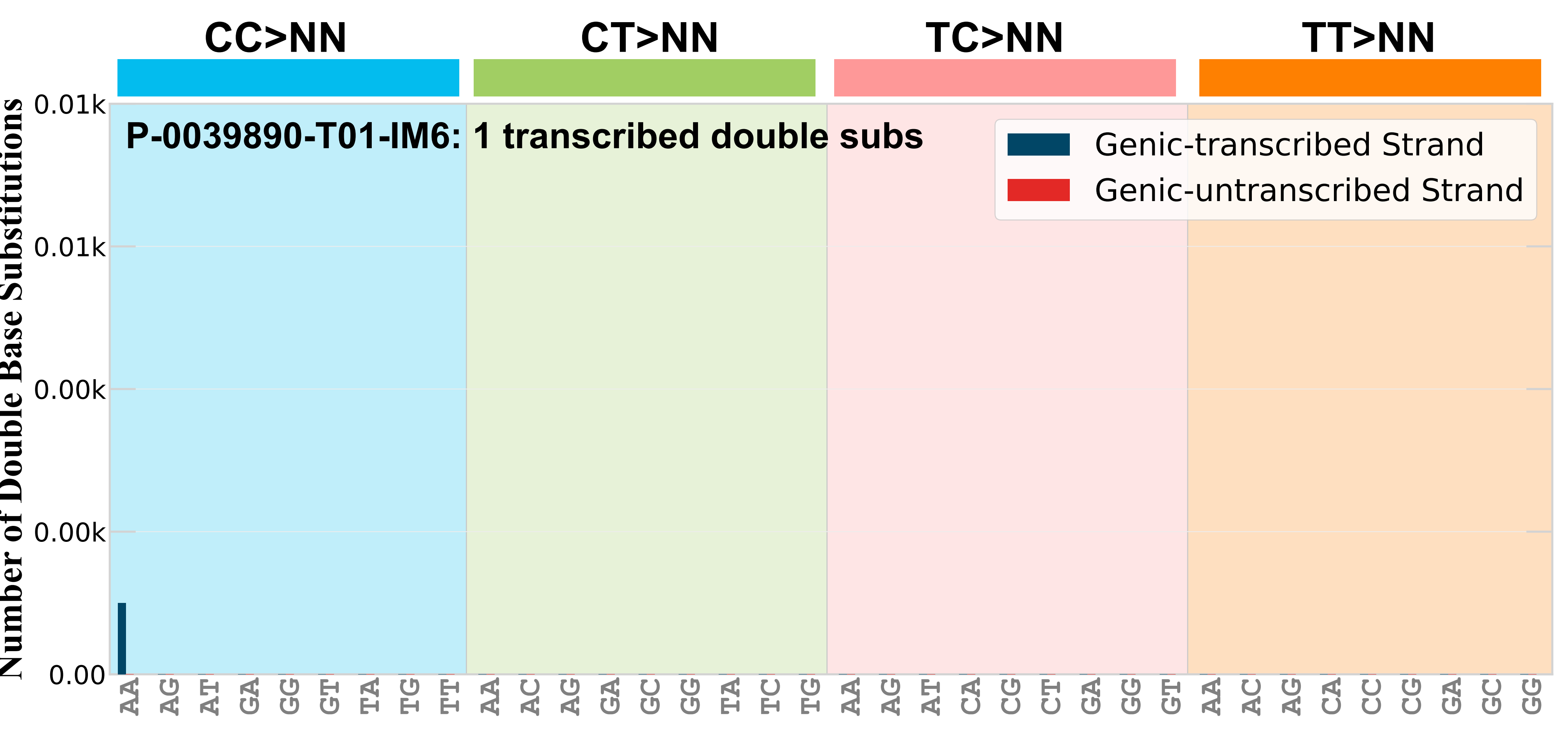


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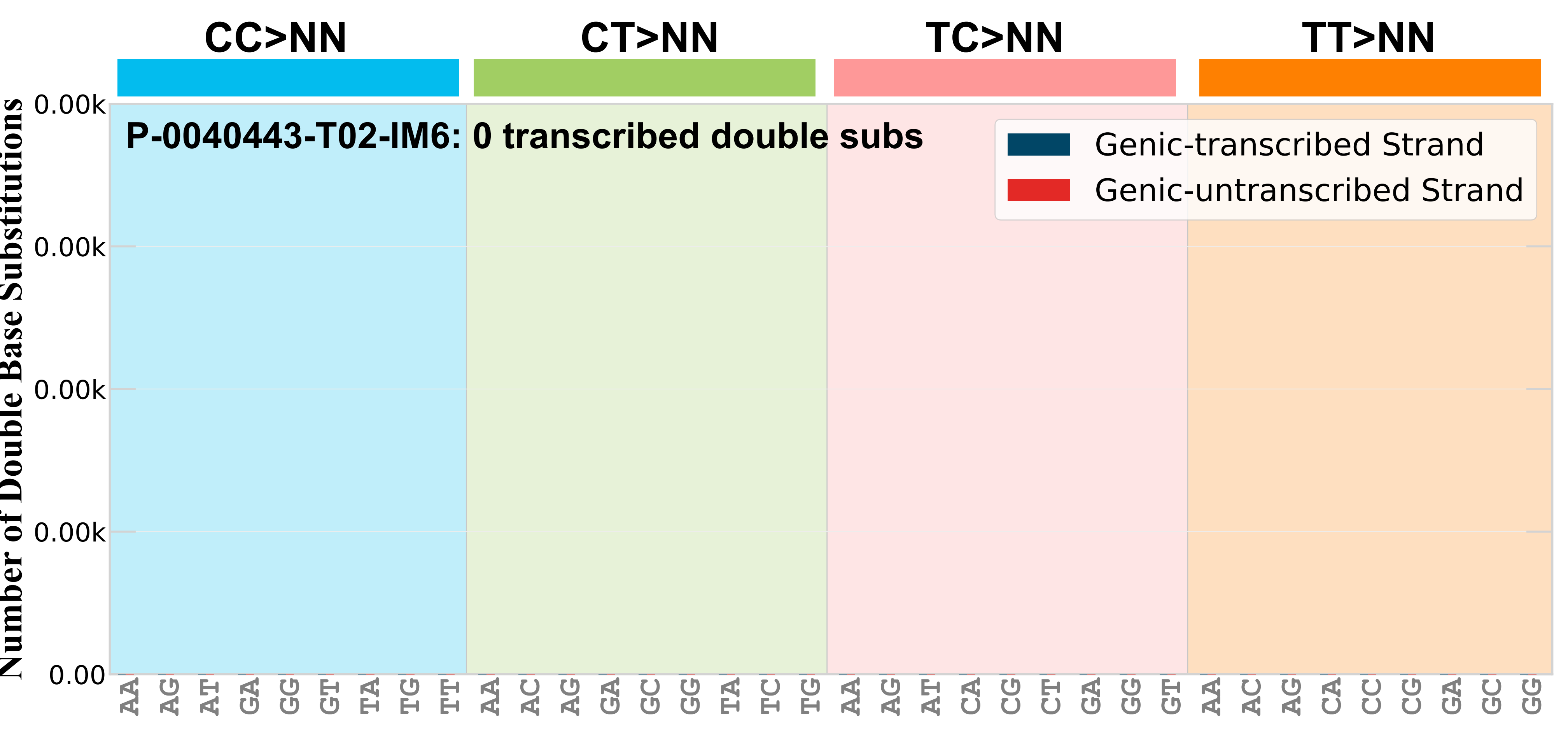




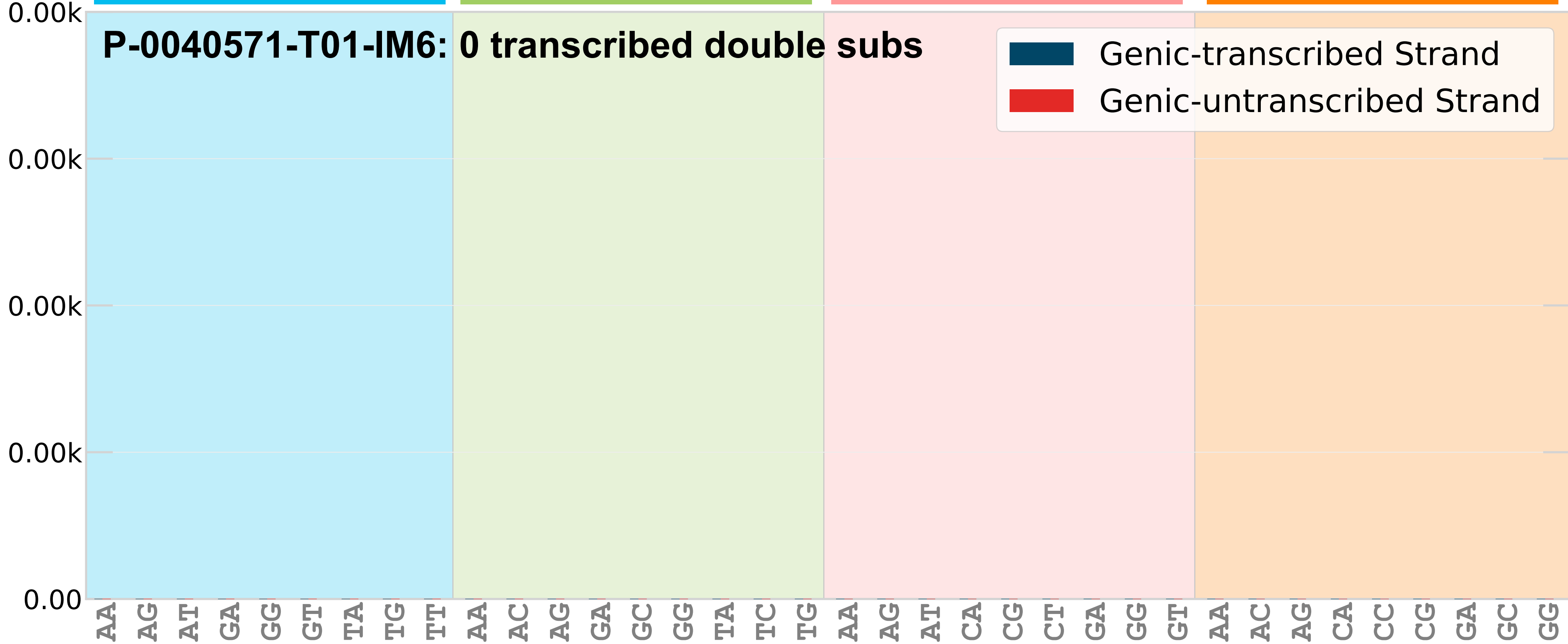




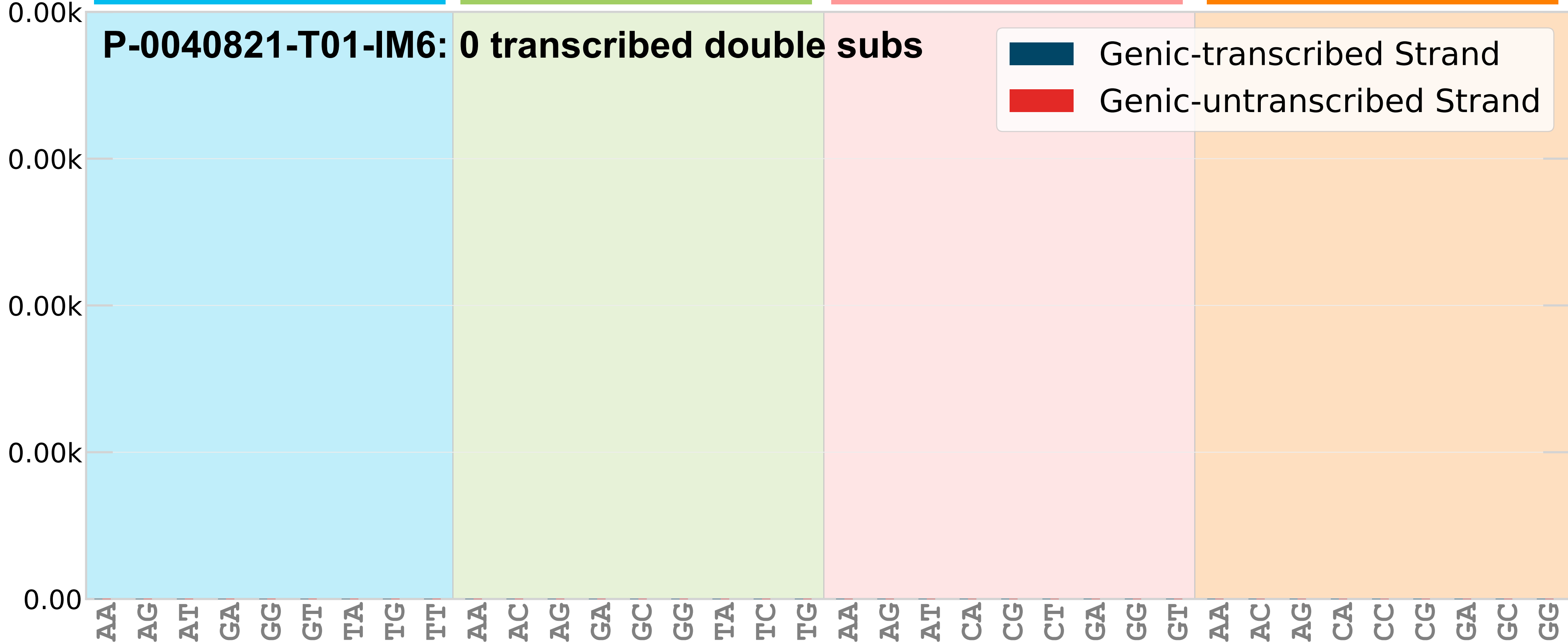


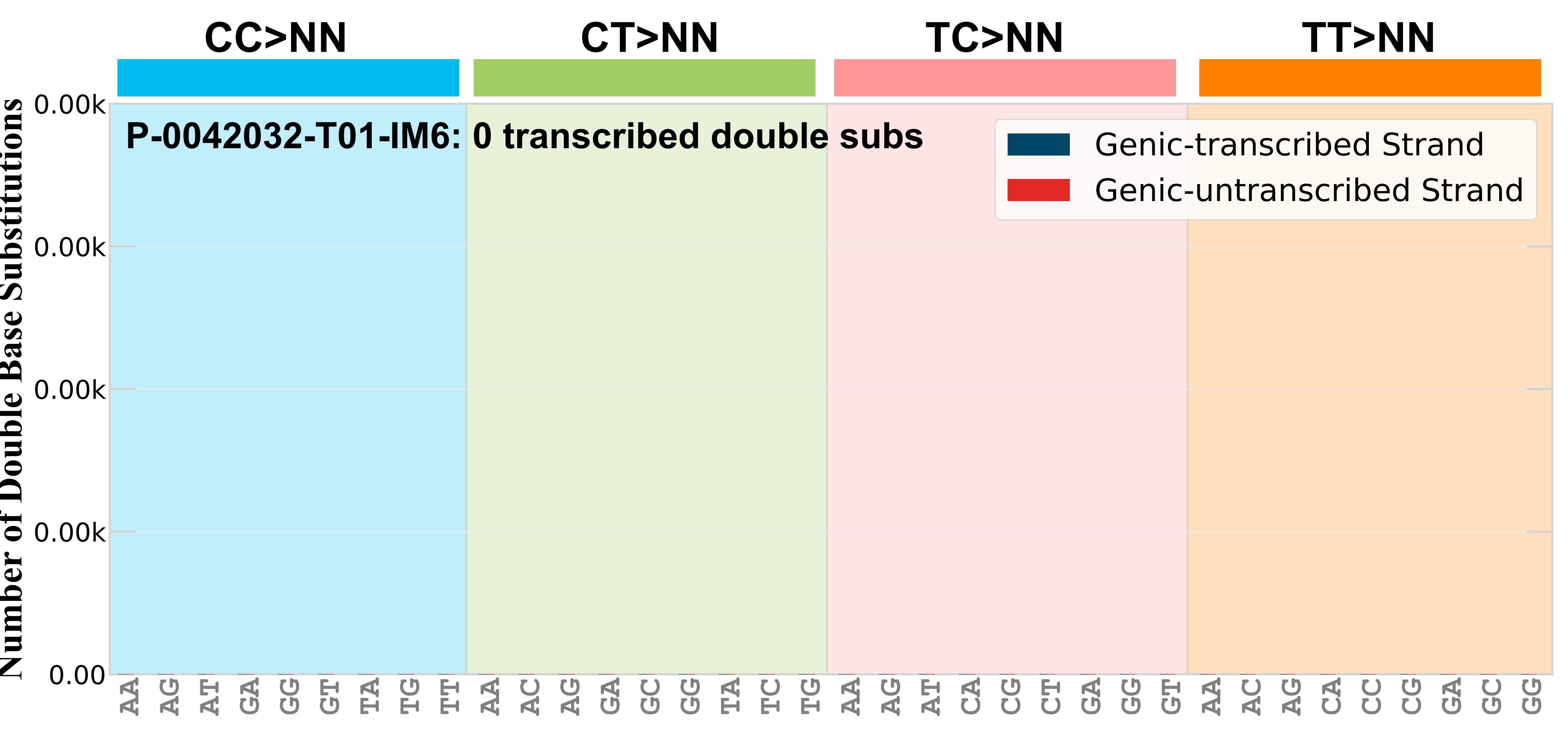


**TT>NN**



# TT>NN

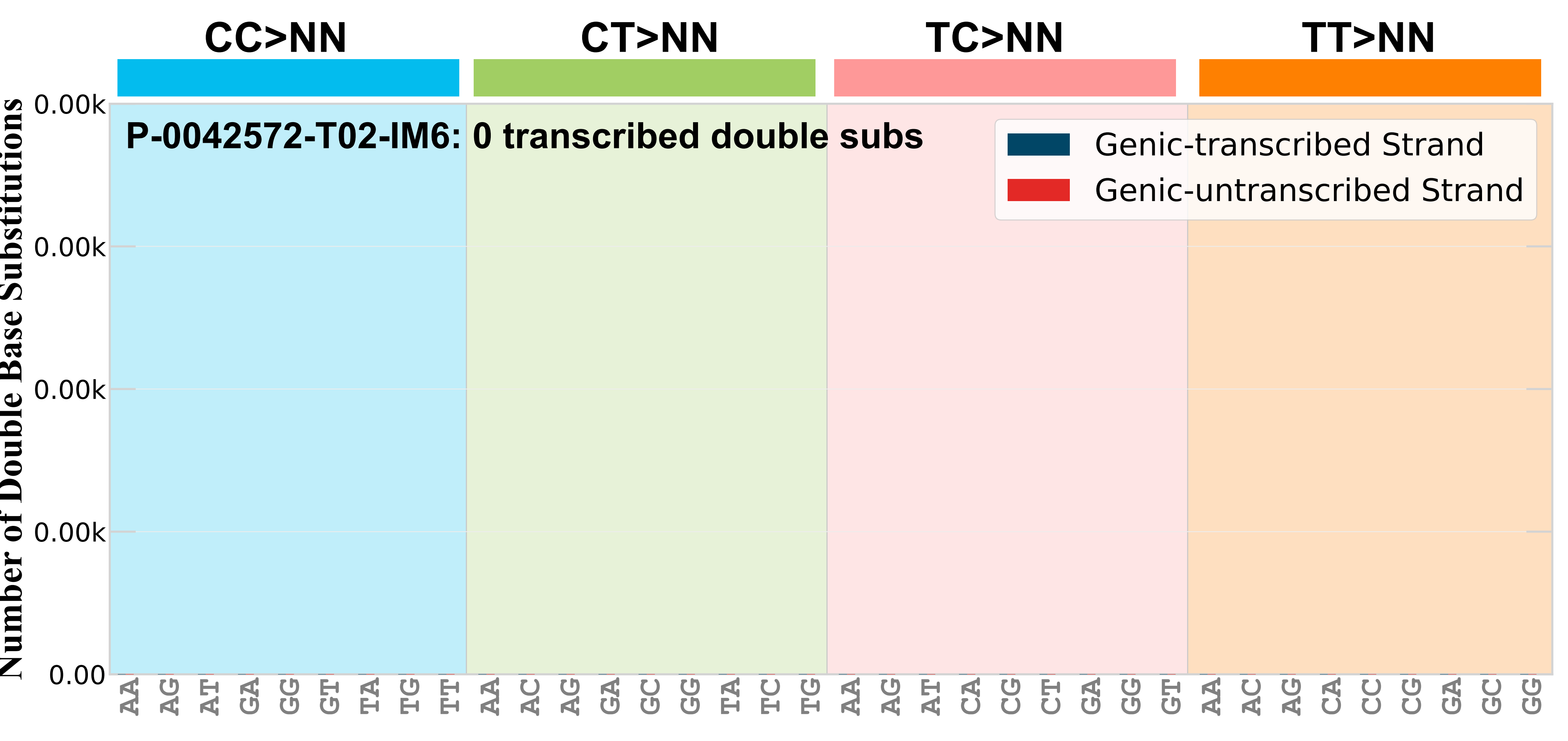














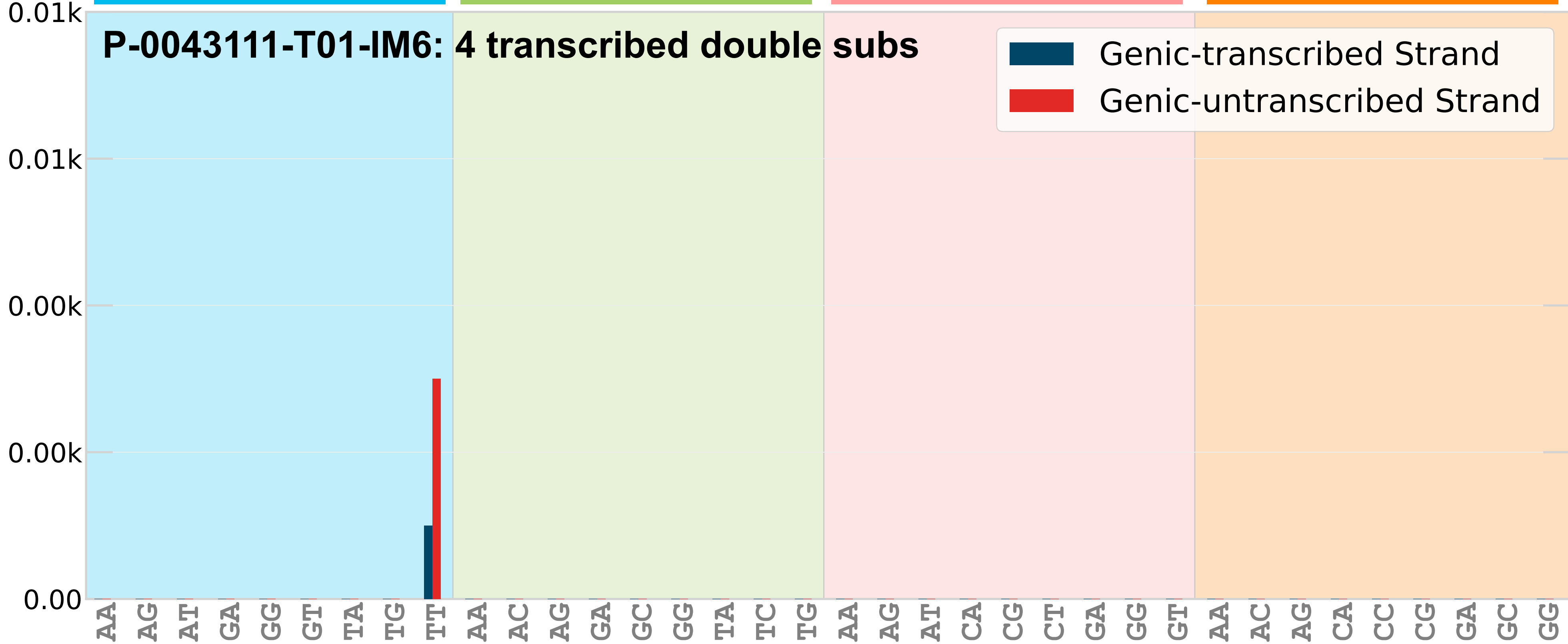






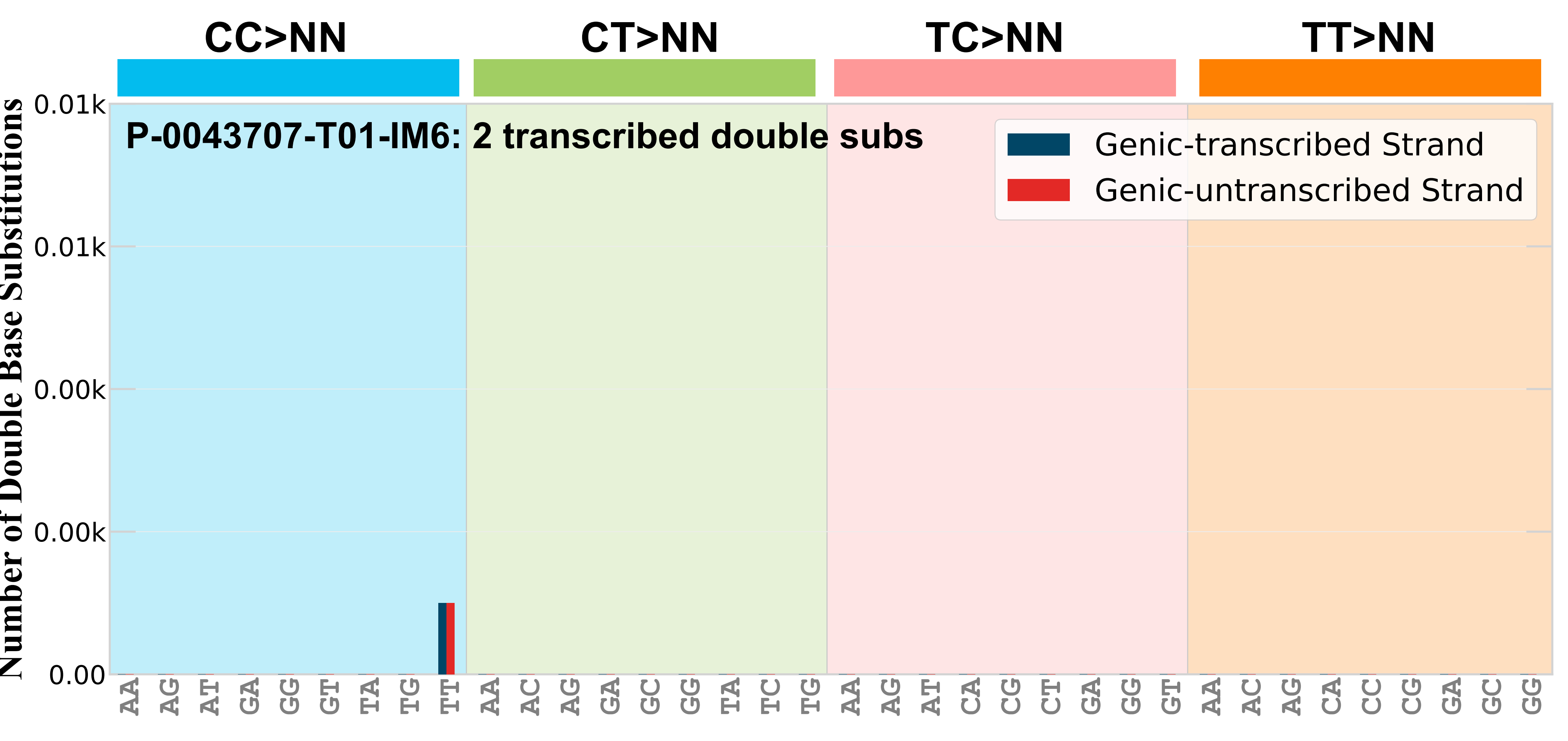


# TT>NN





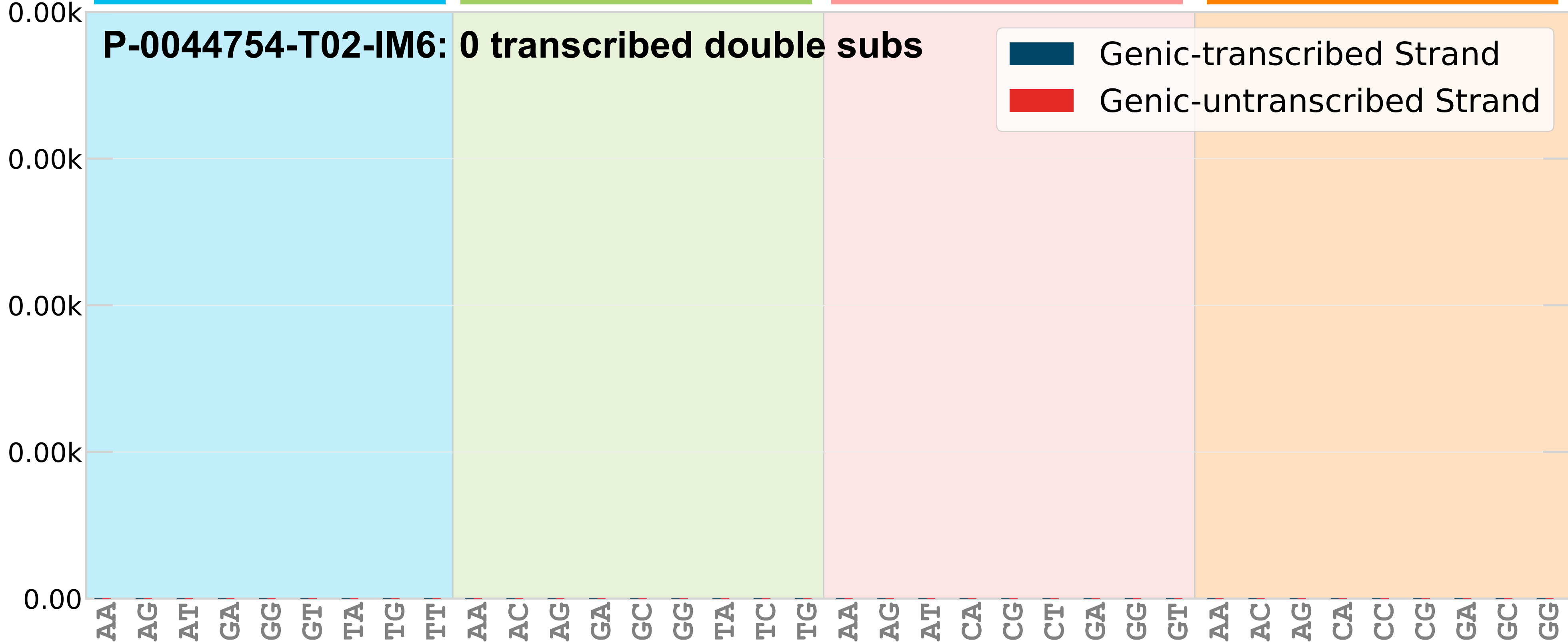




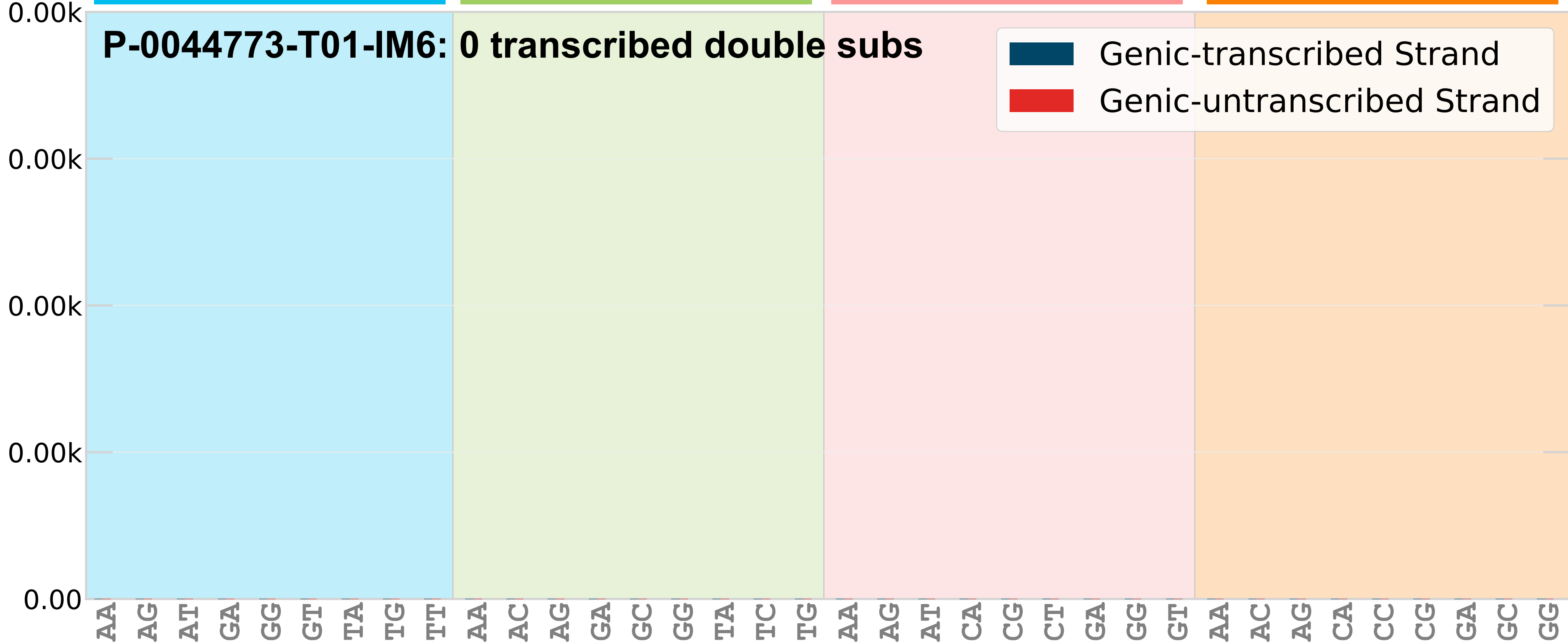




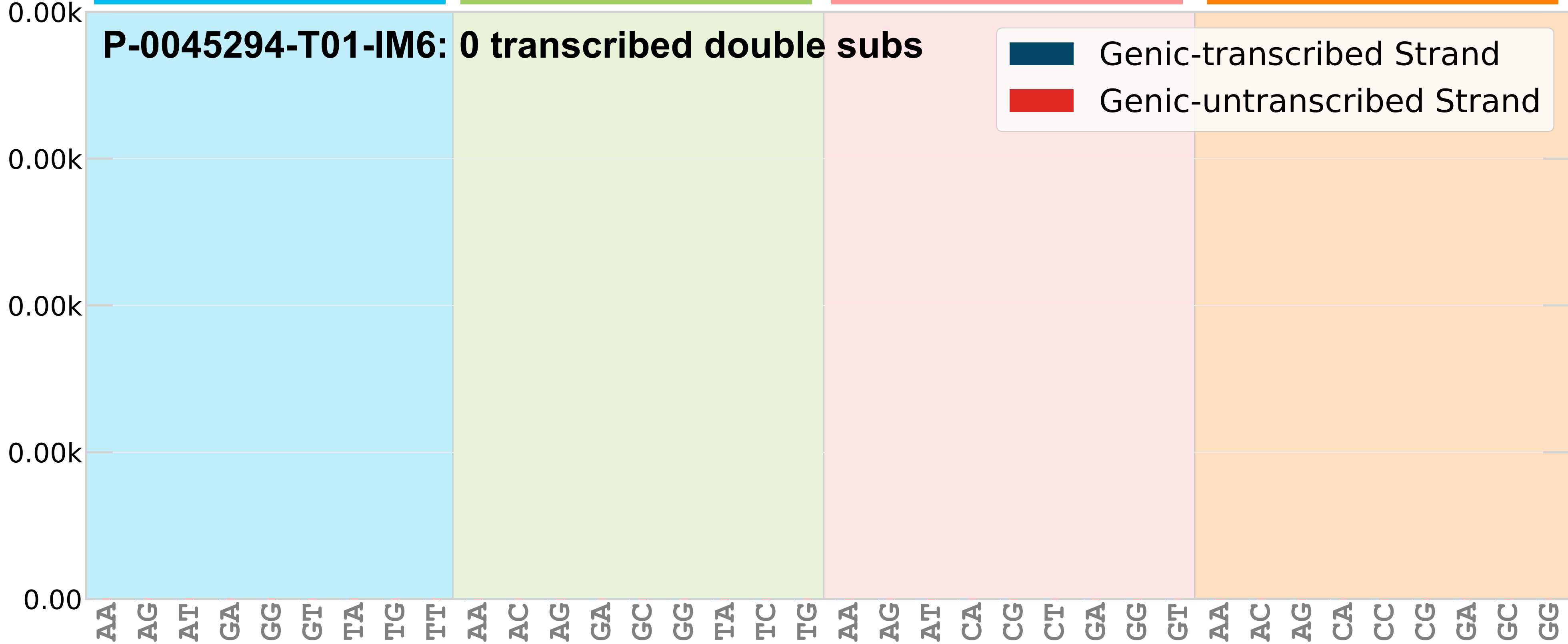
# TT>NN



**TT>NN**

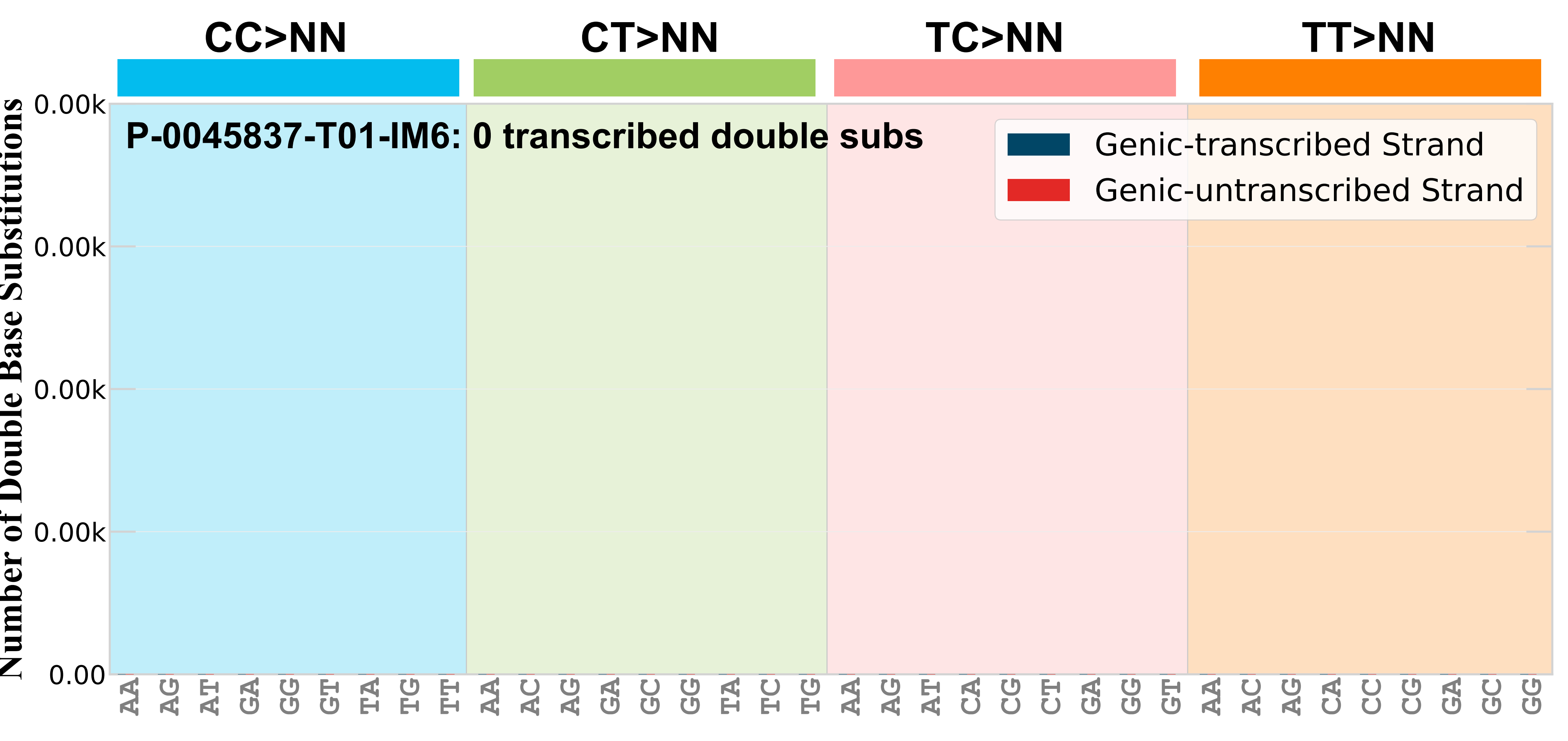


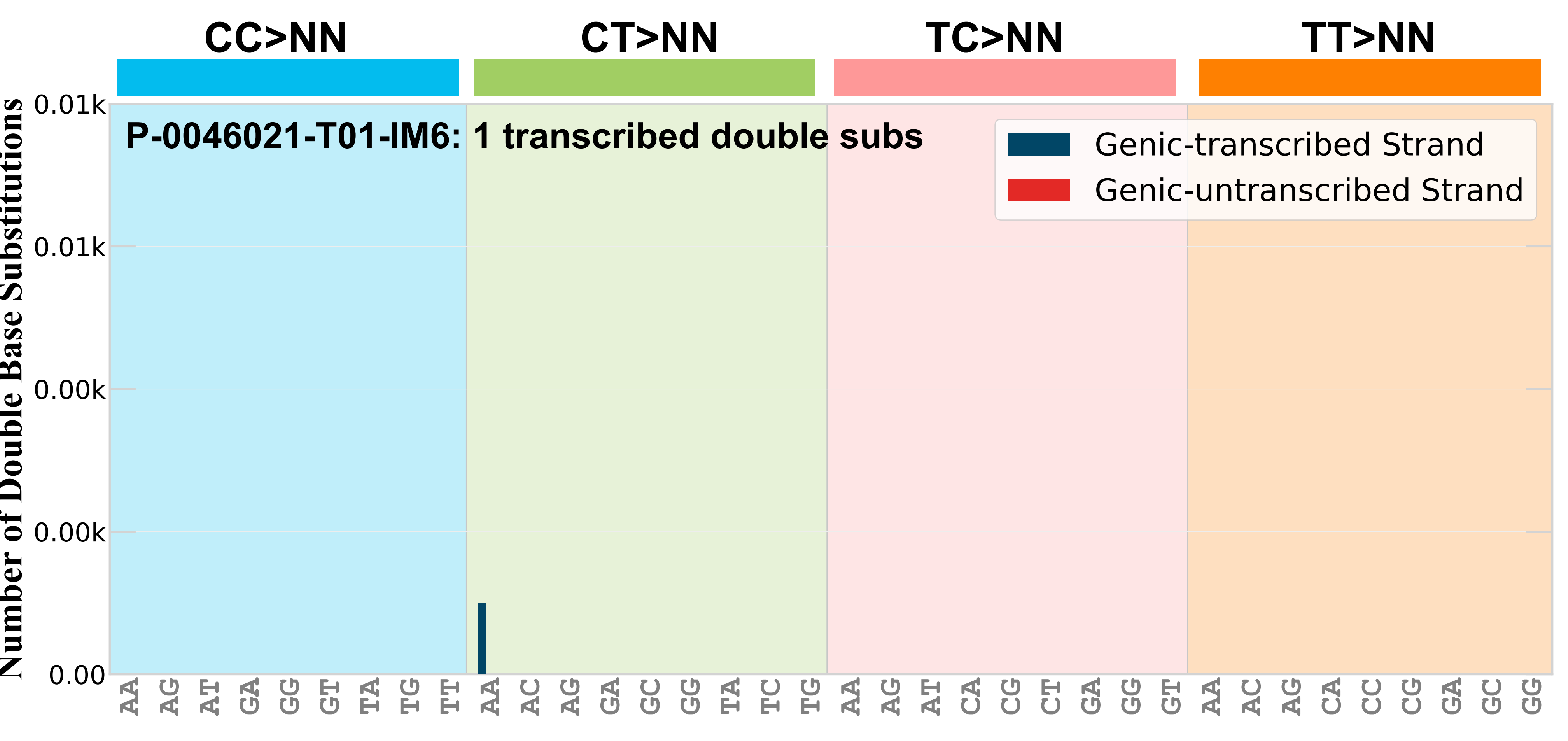
# TT>NN

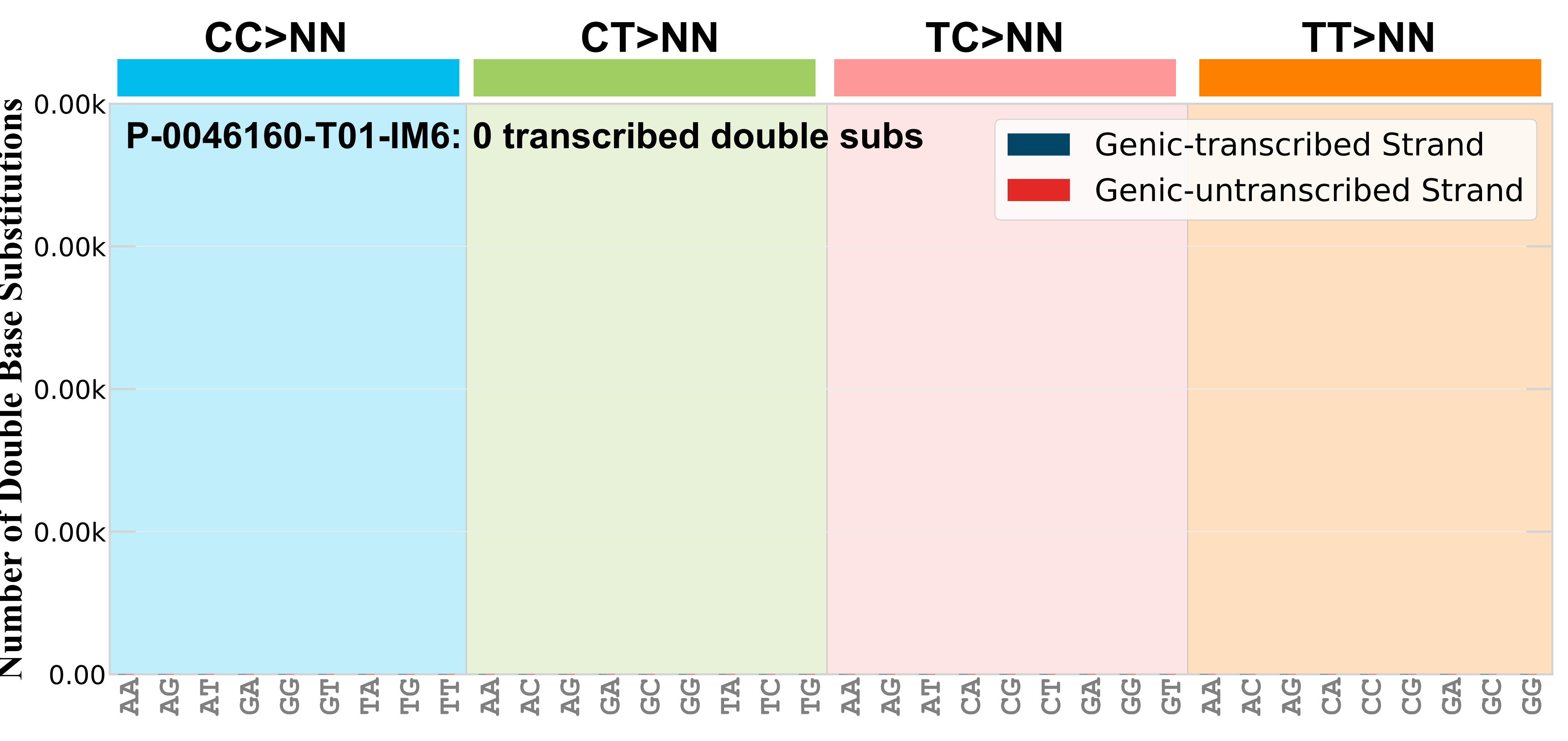








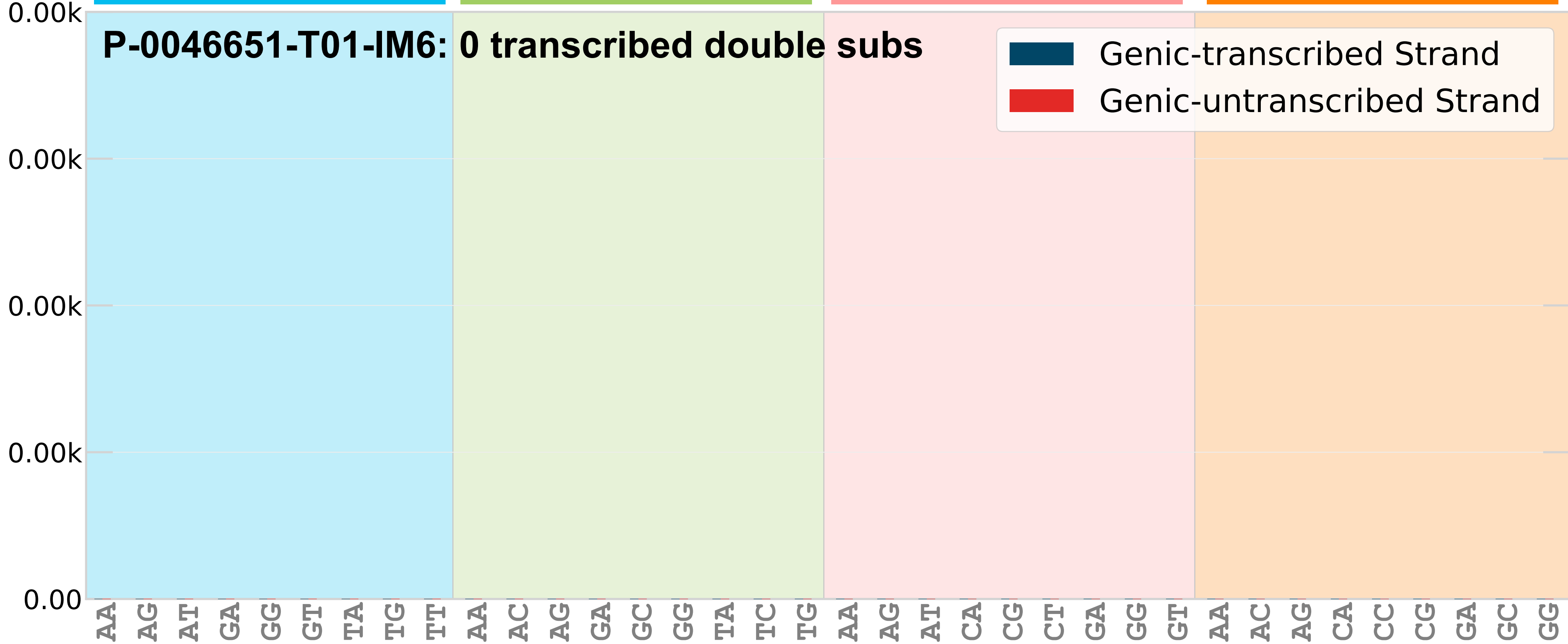


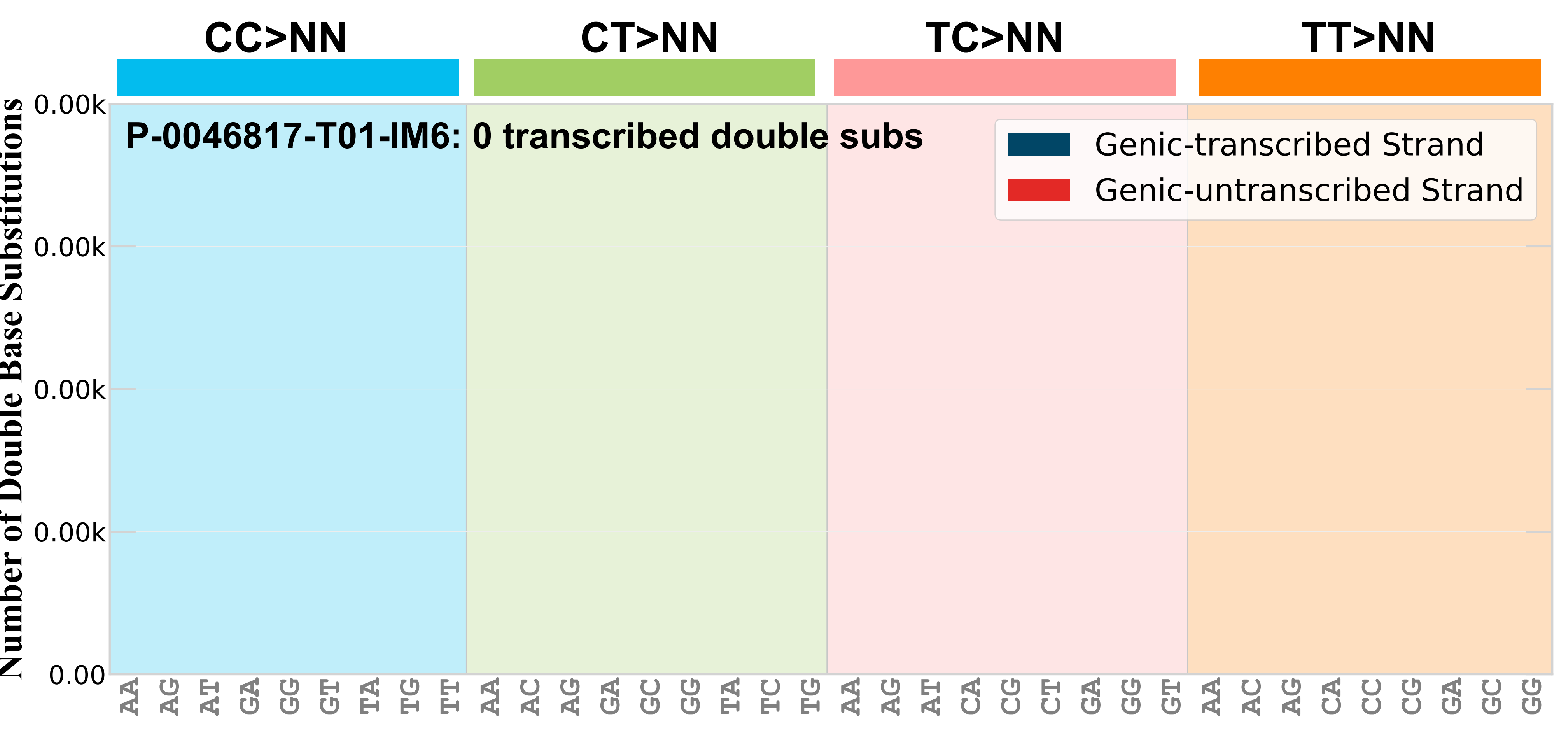




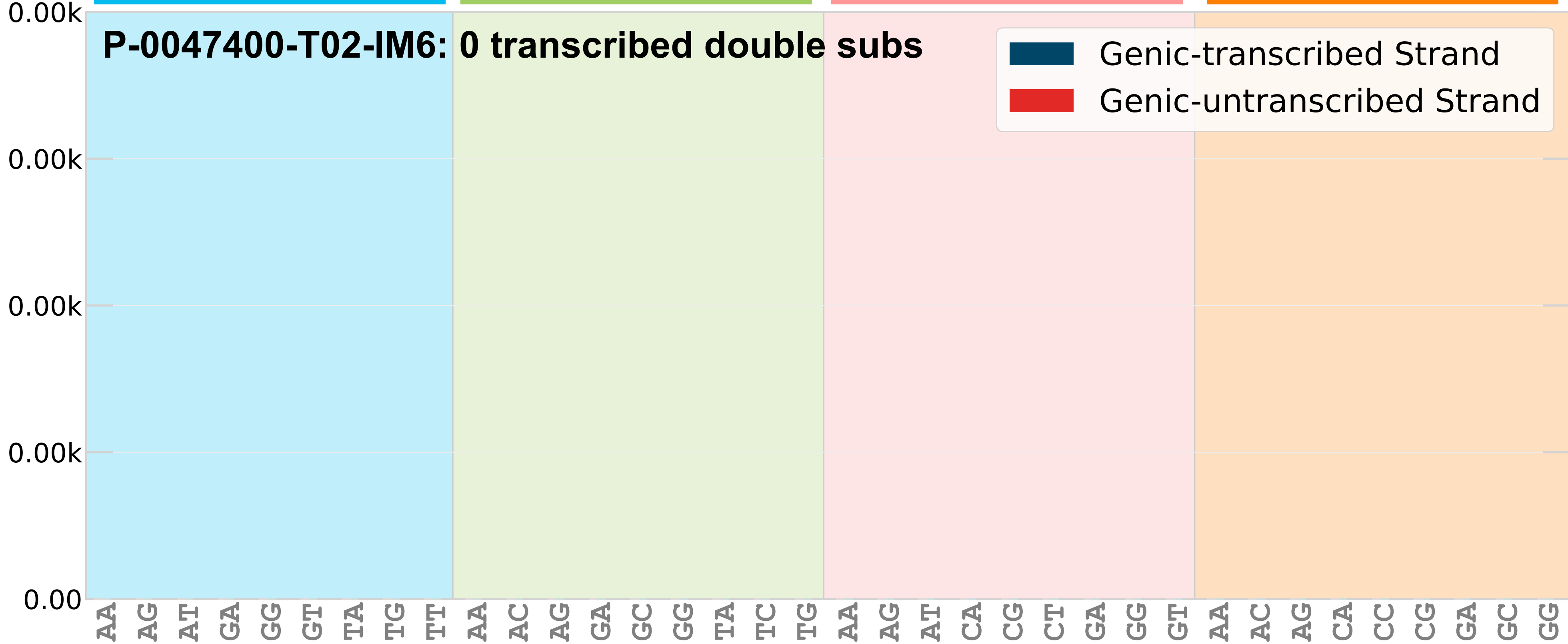


# TT>NN





# TT>NN

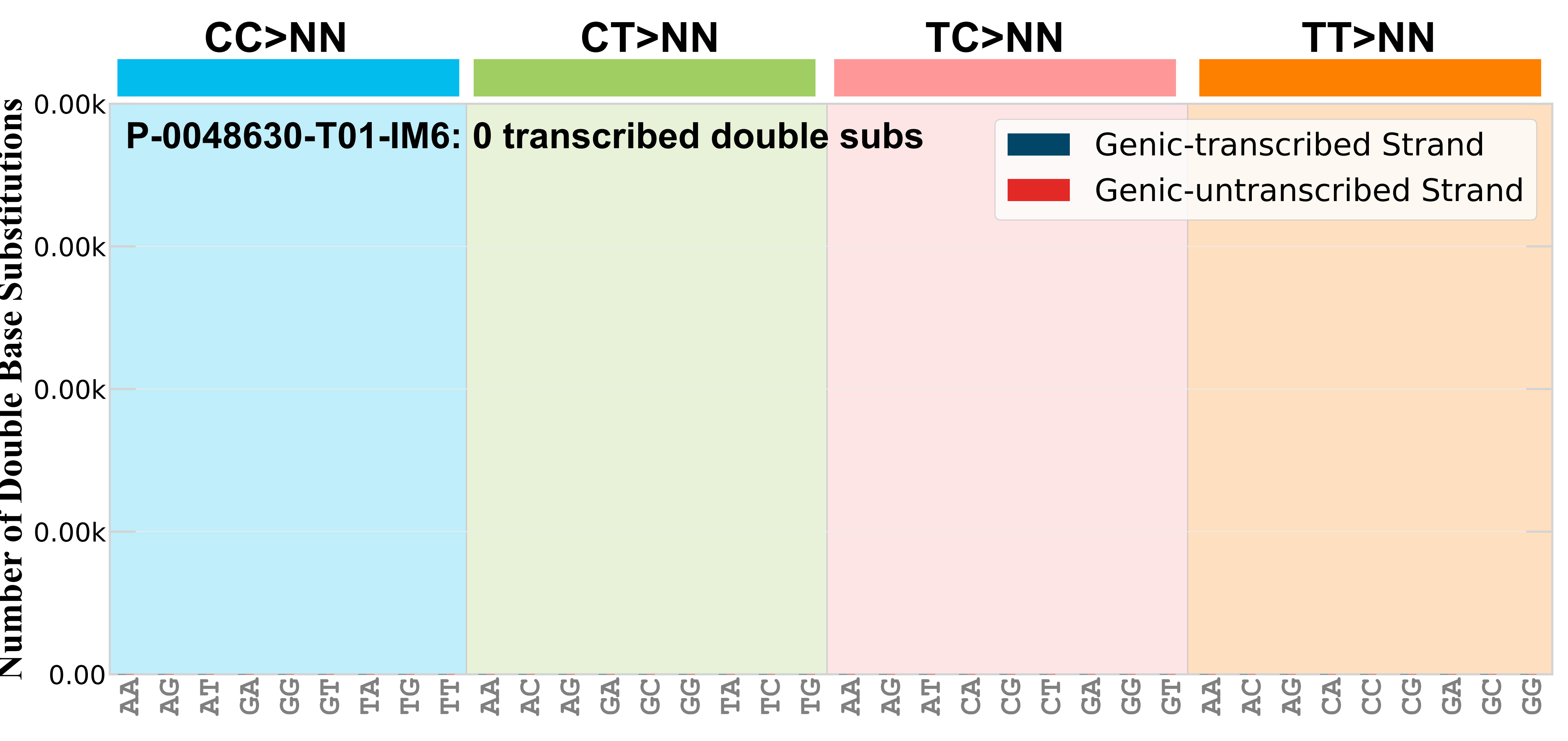


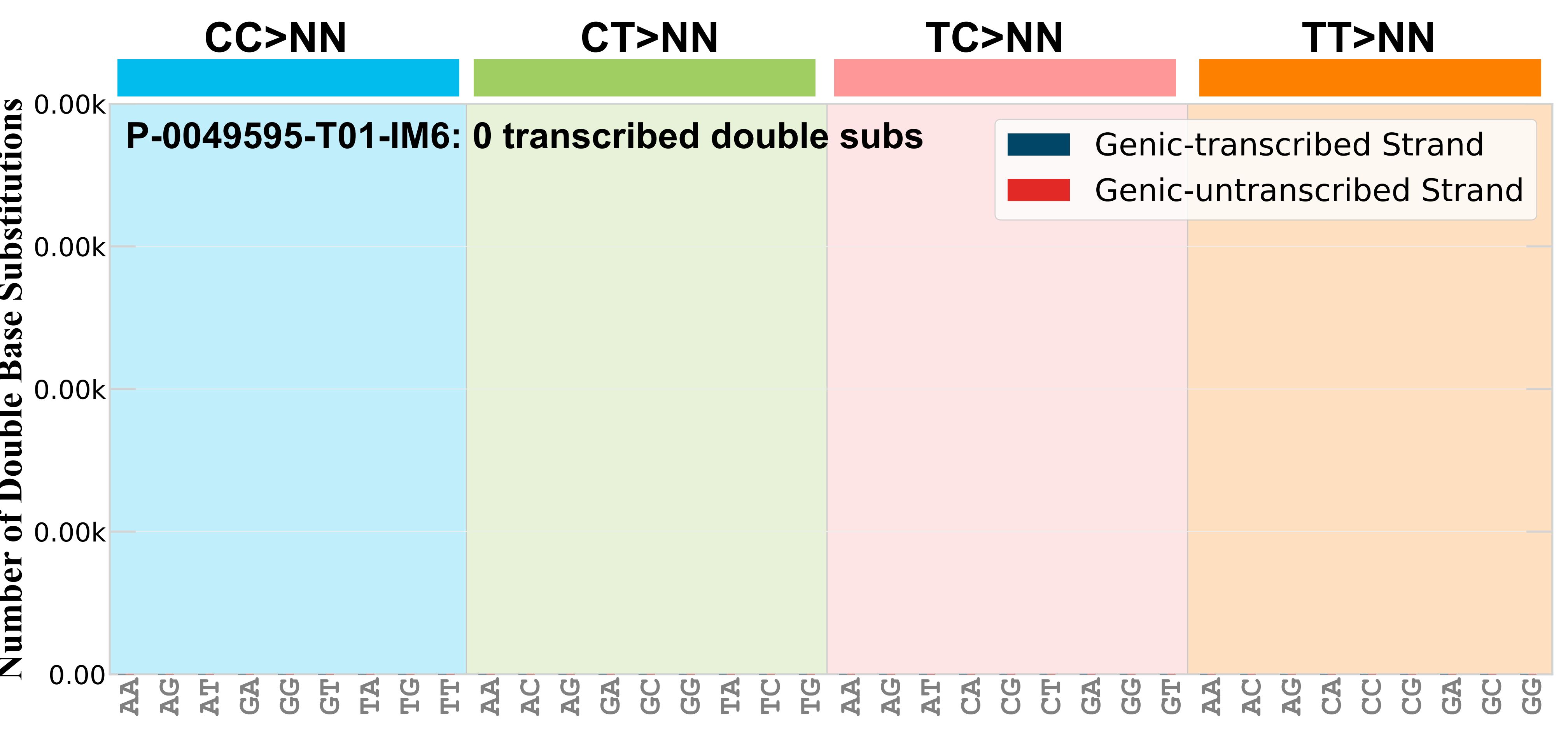


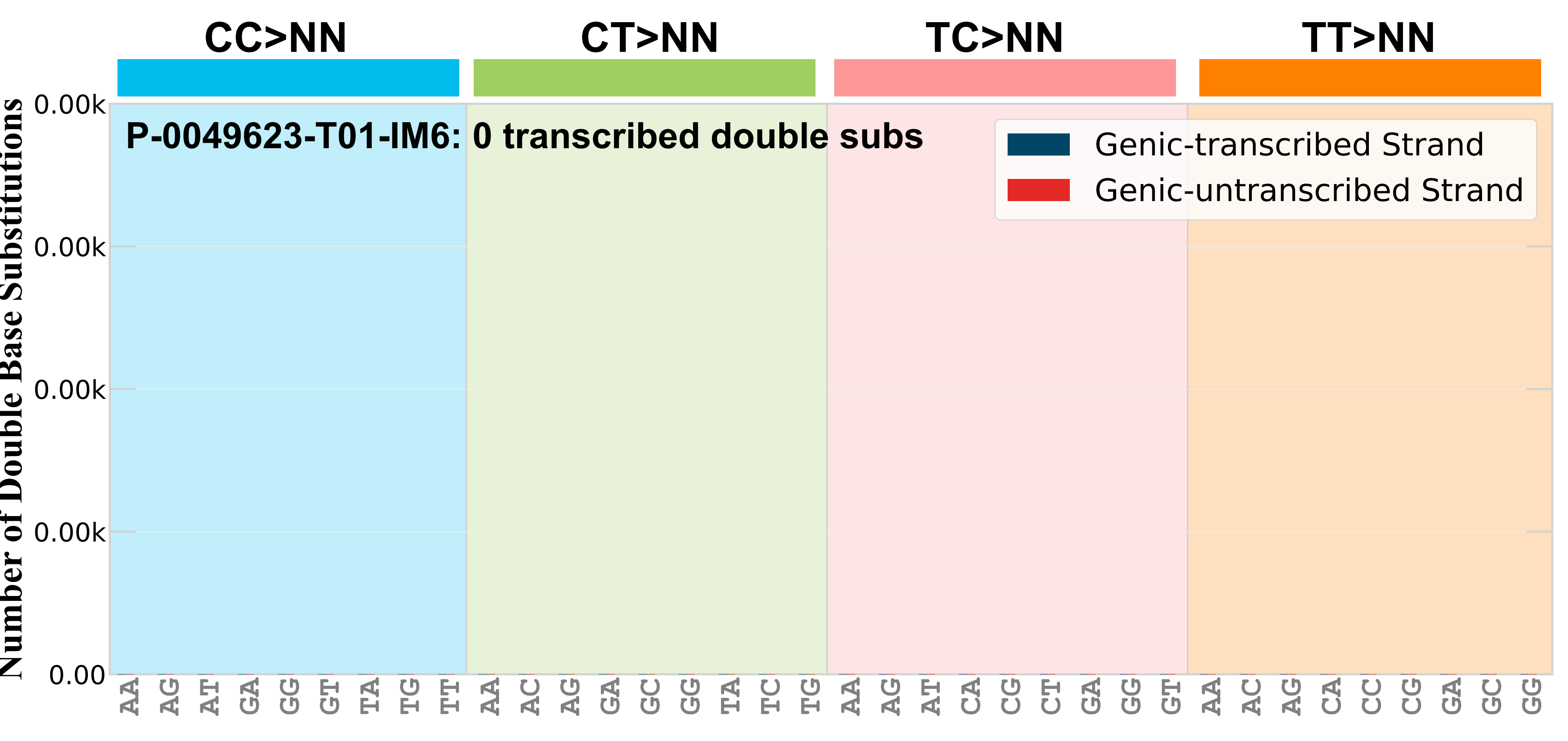




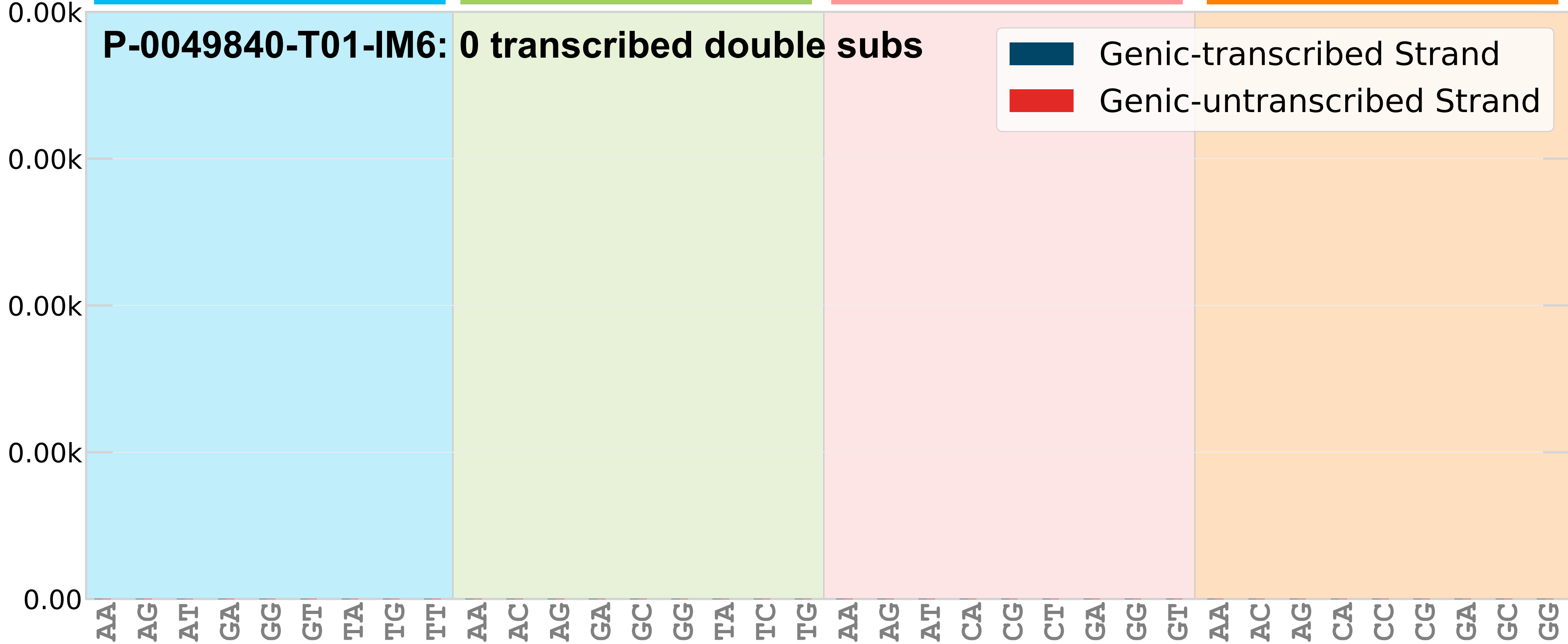


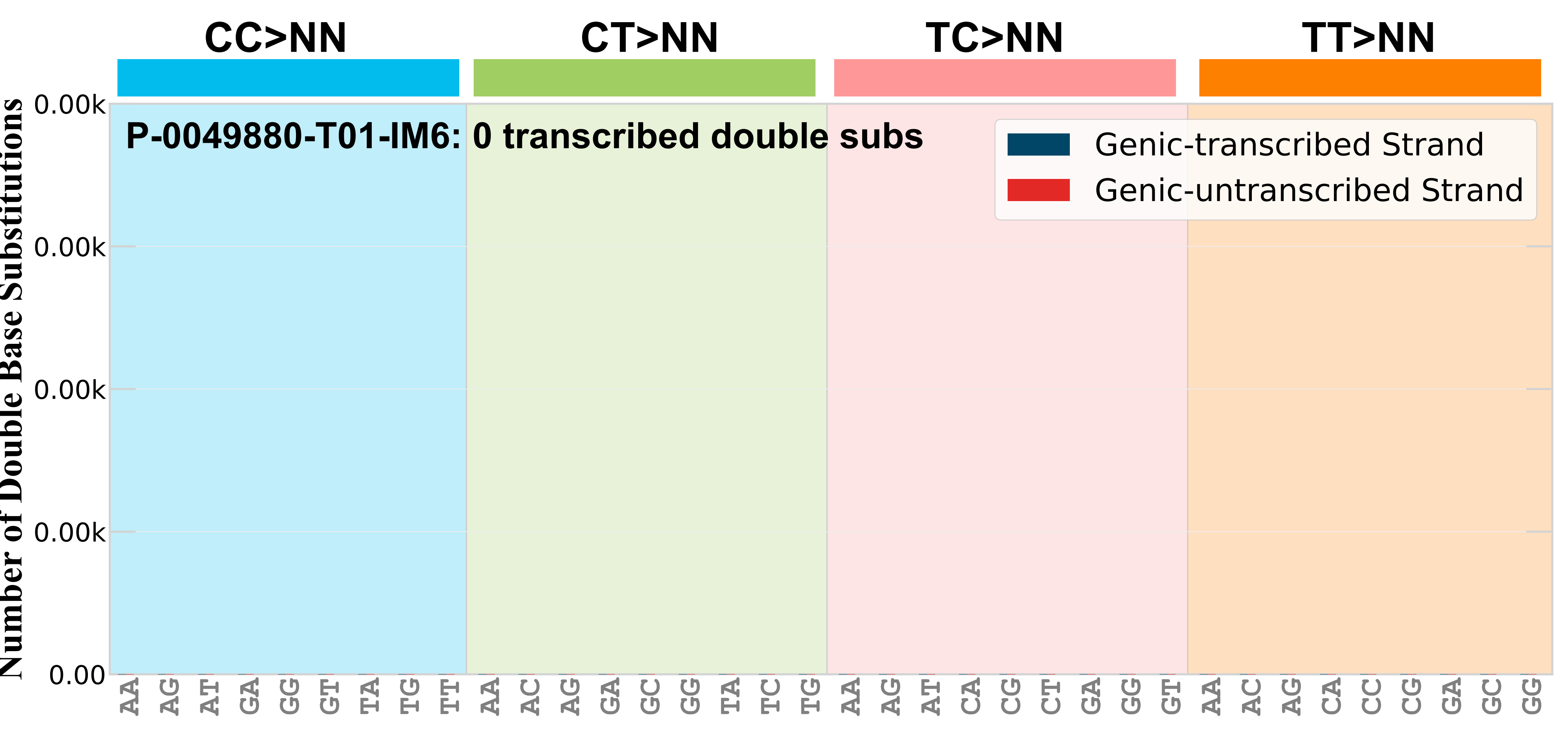






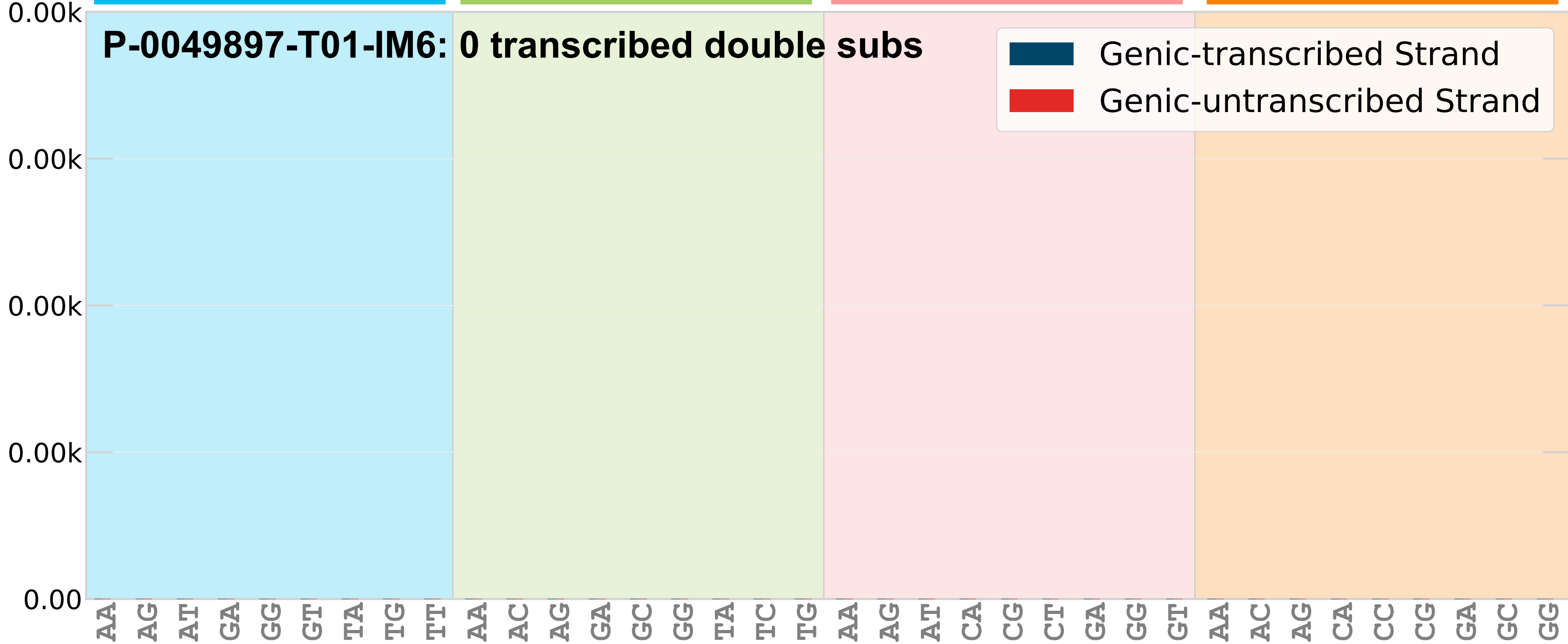
# TT>NN







# TT>NN





# TT>NN

