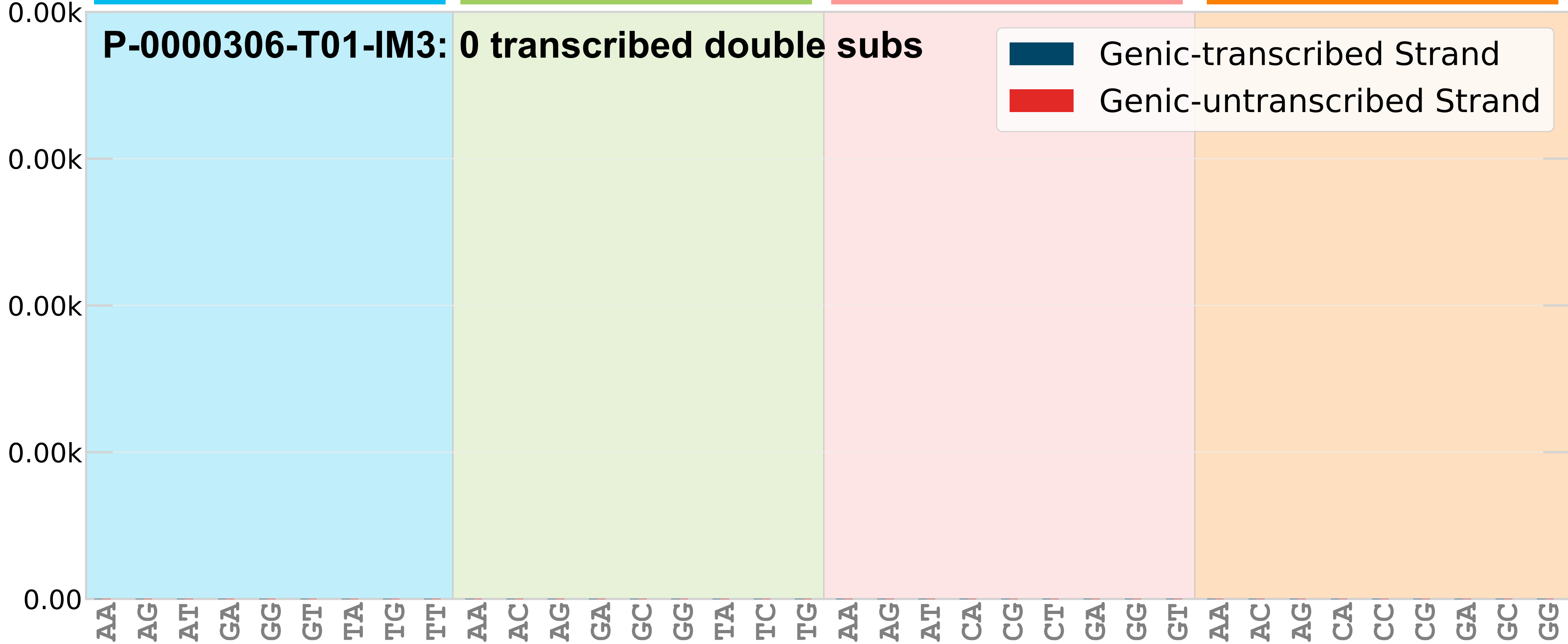
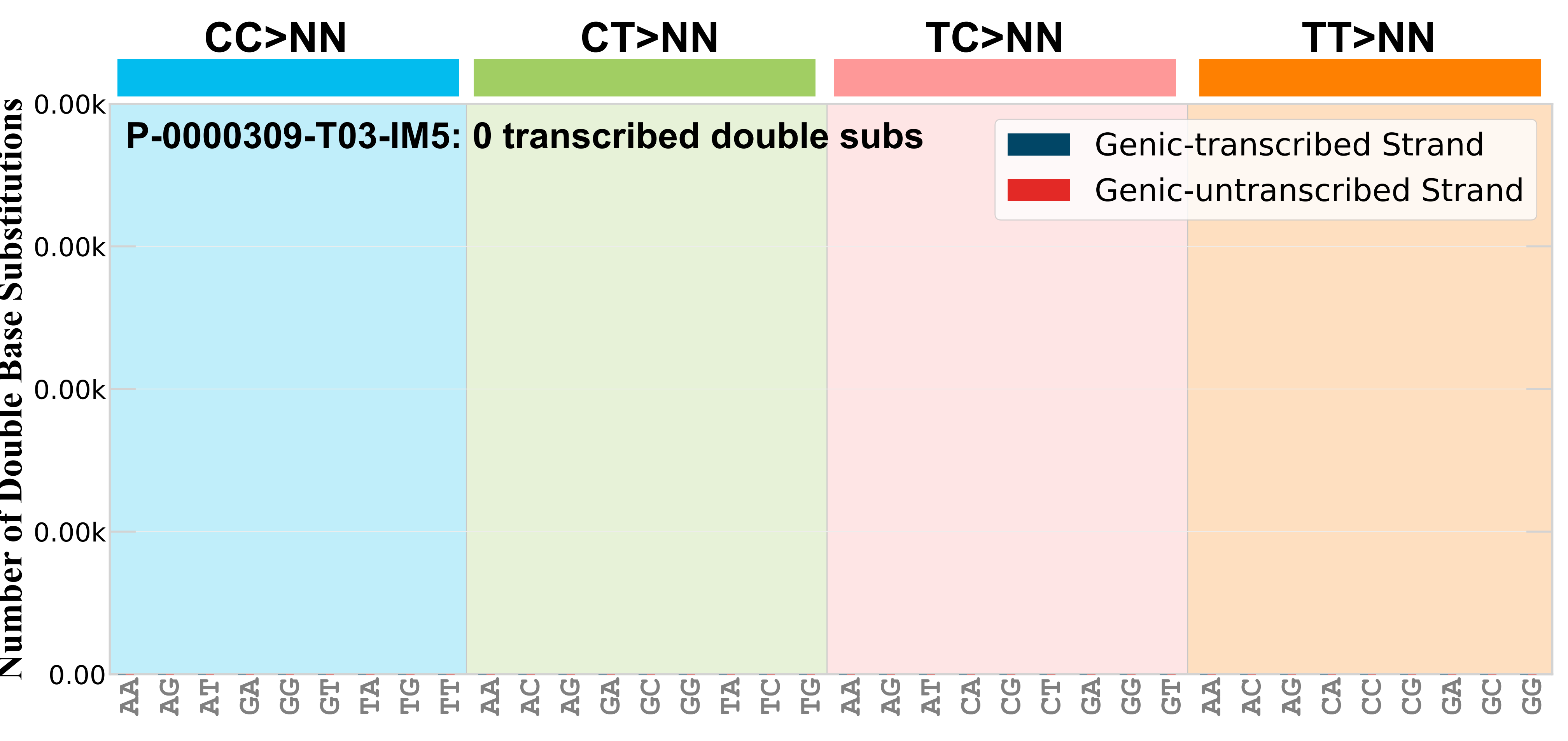


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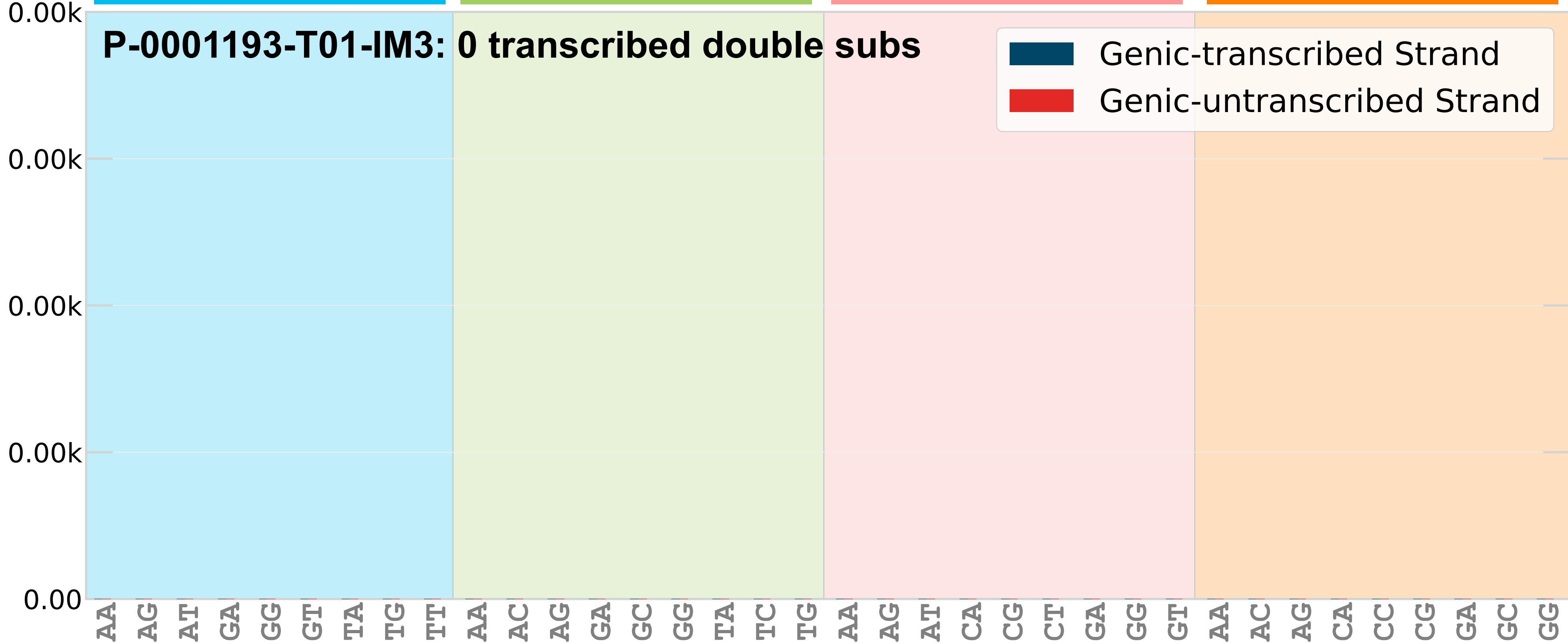








# TT>NN



Number of Double Base Substitutions

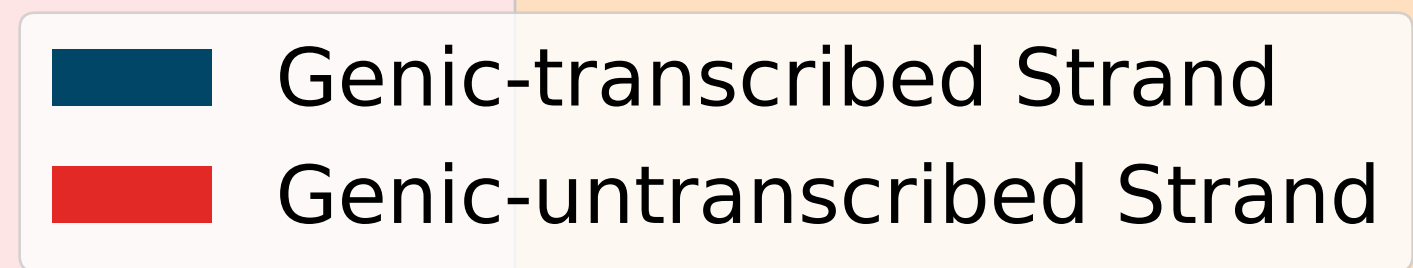
CC>NN

CT>NN

TC>NN

TT>NN

P-0001254-T02-IM3: 0 transcribed double subs

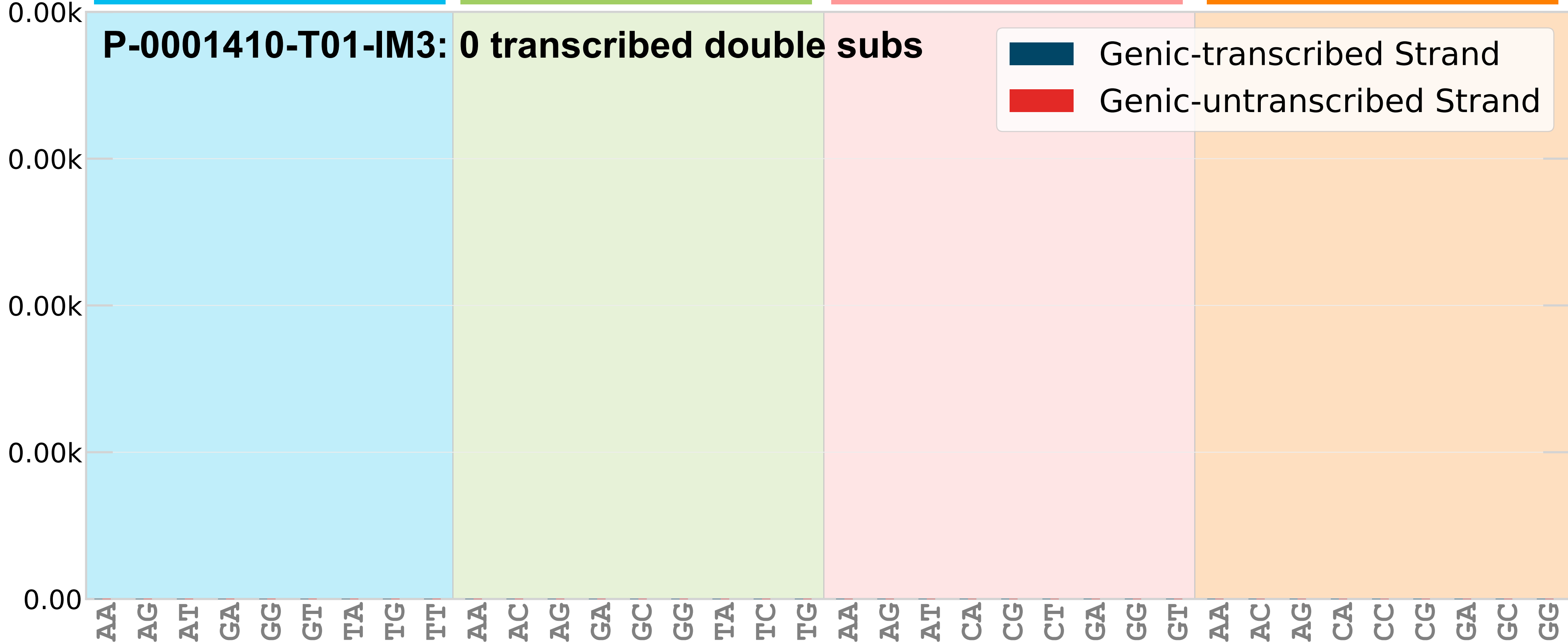


AA AG AT GA GG GT TA TG TT AA AC AG GA GC GG TA TC TG AA AG AT CA CG CT GA GG GT AA AC AG CA CC CG GA GC GG

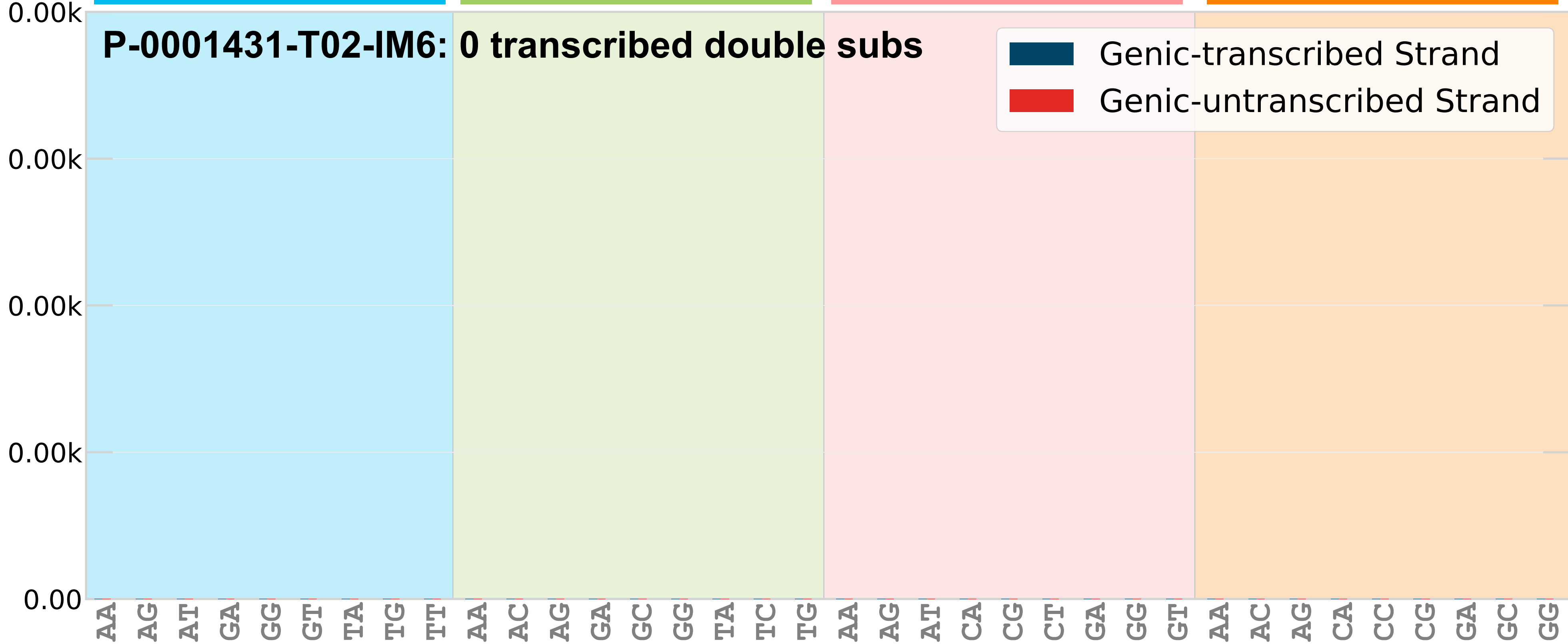


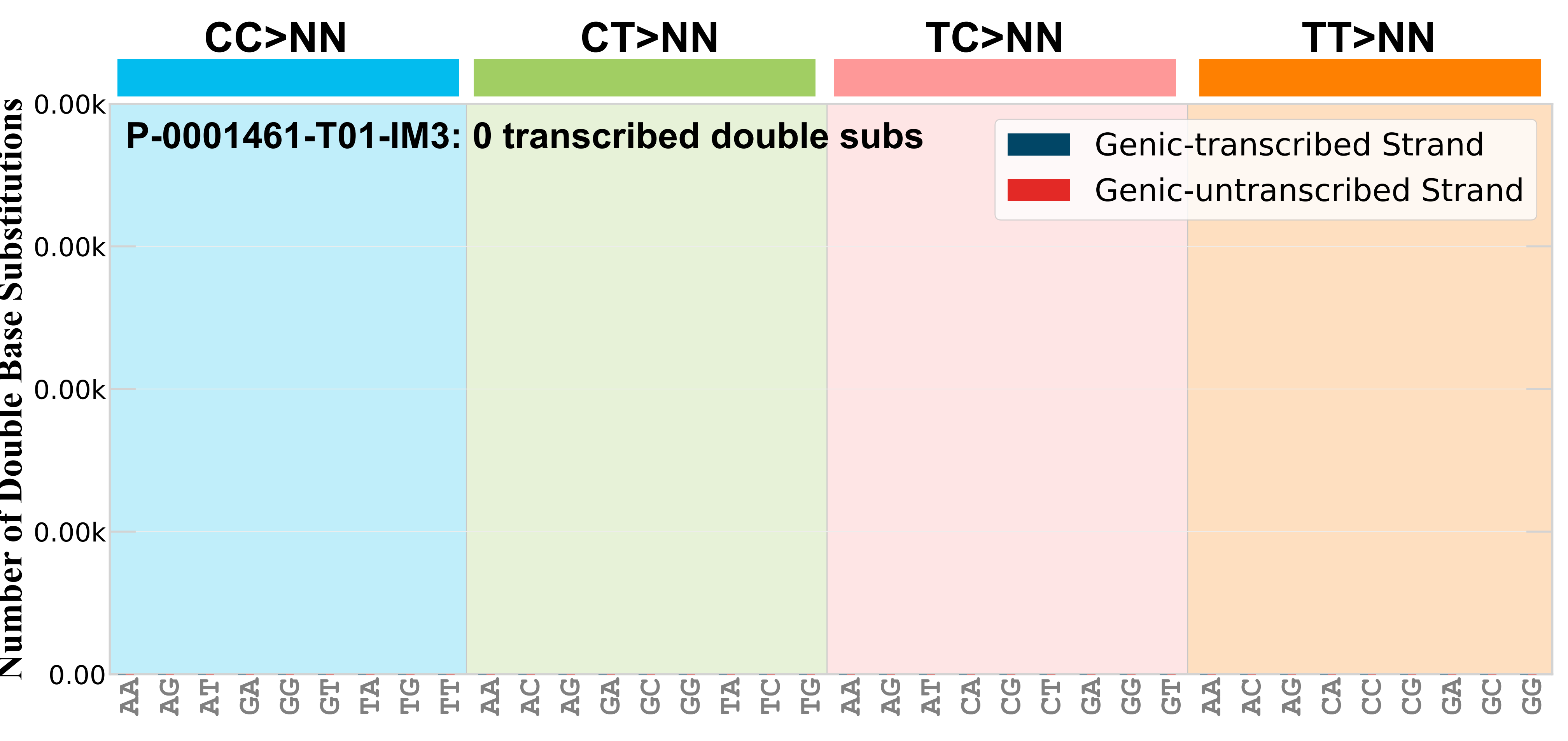


**TT>NN**

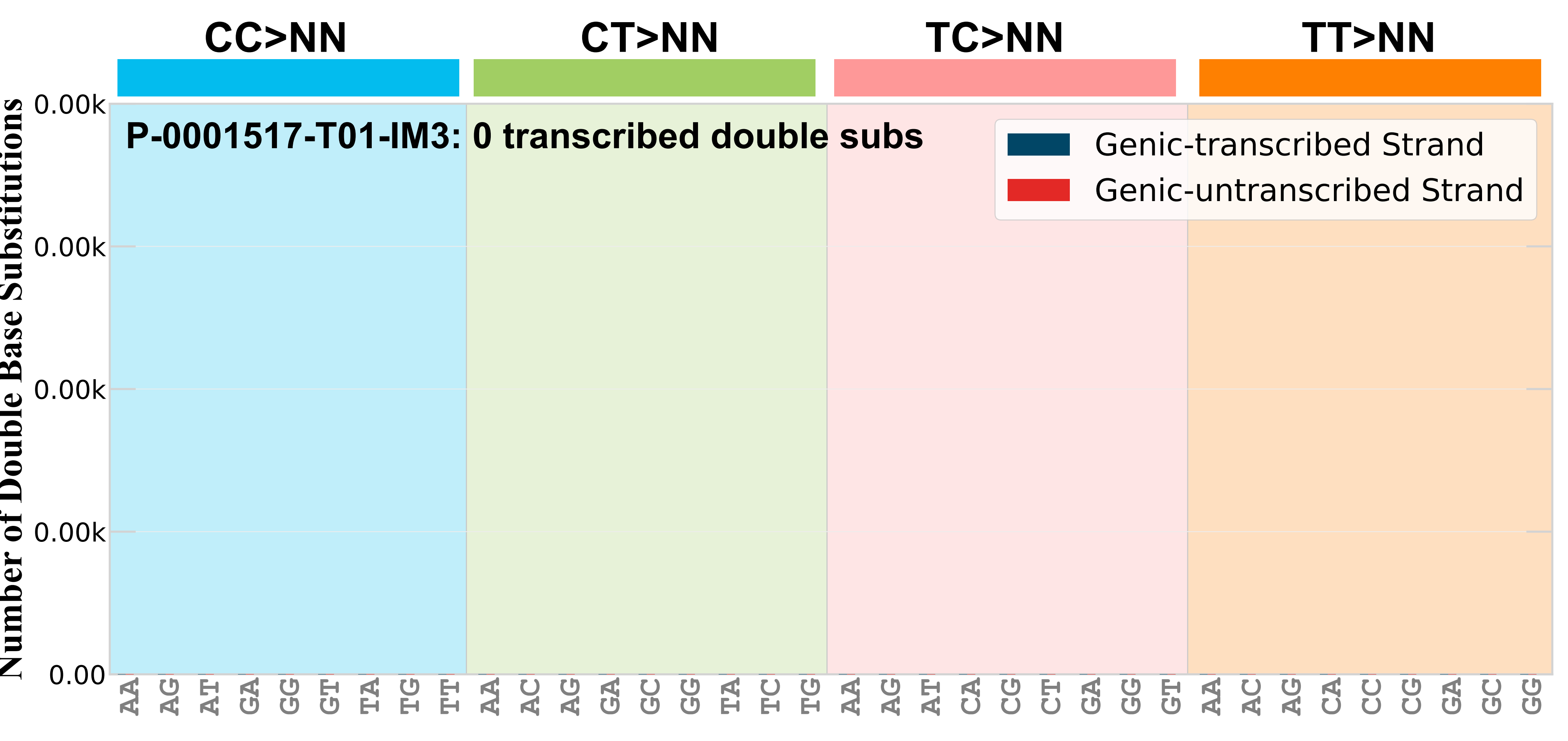


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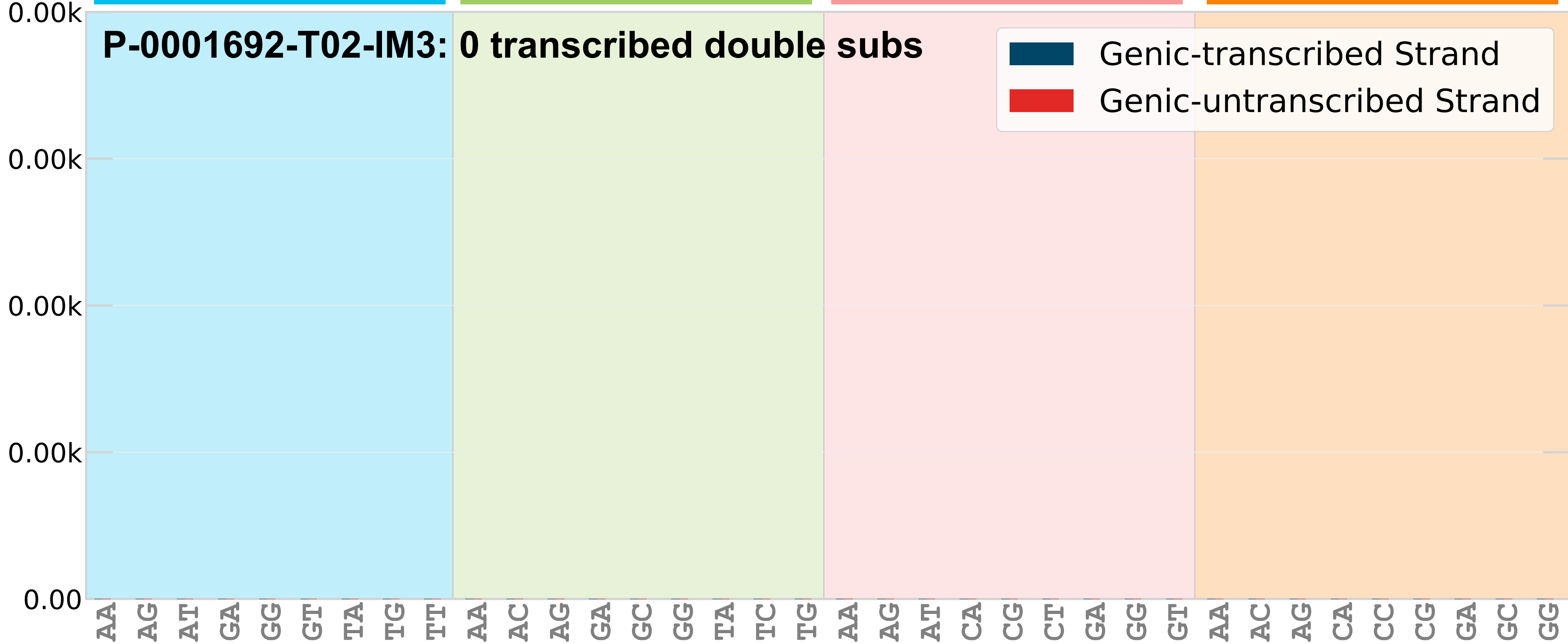




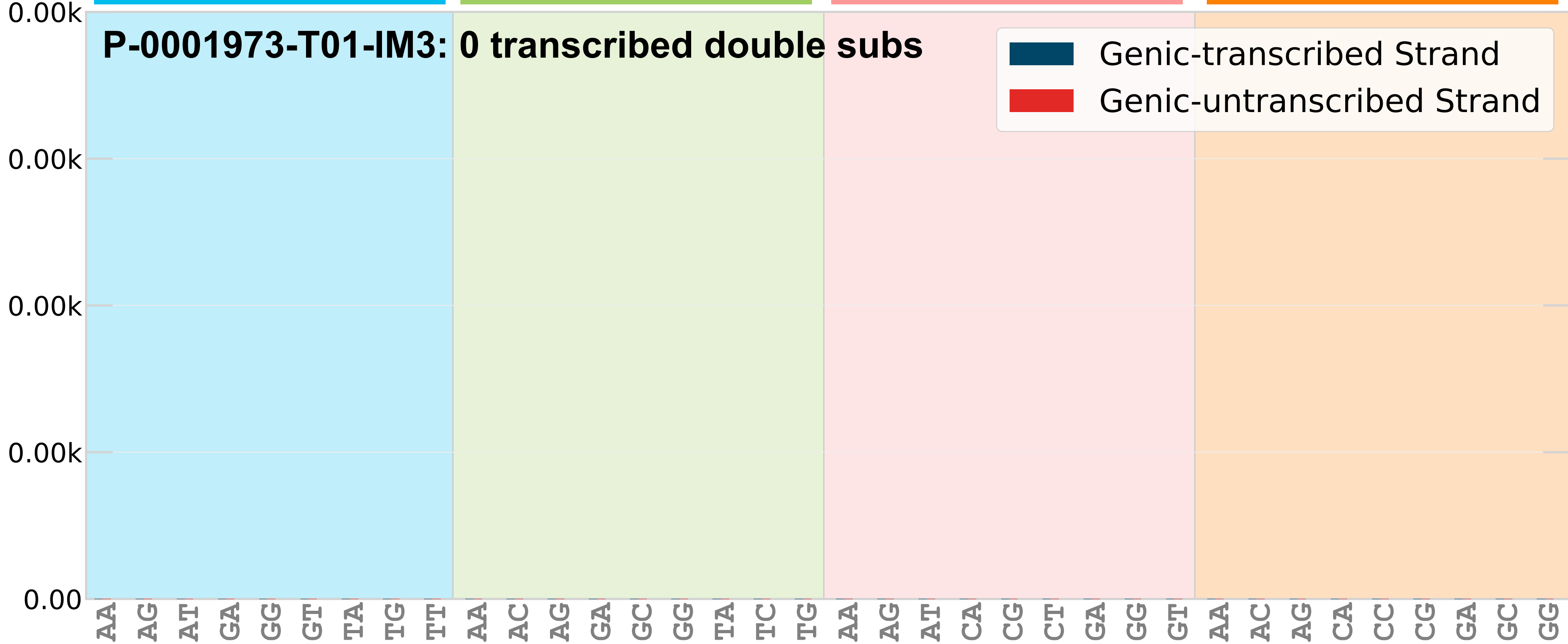


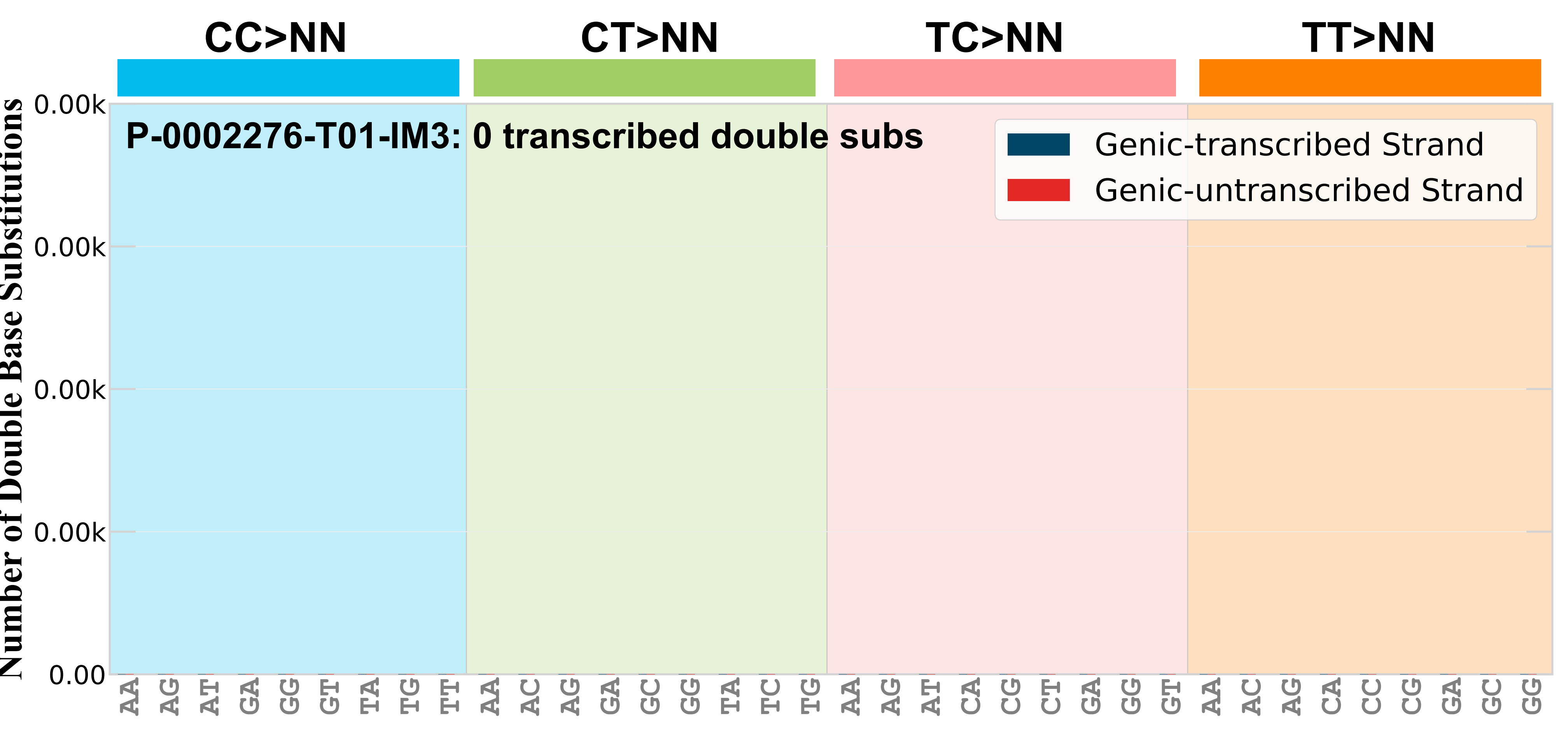


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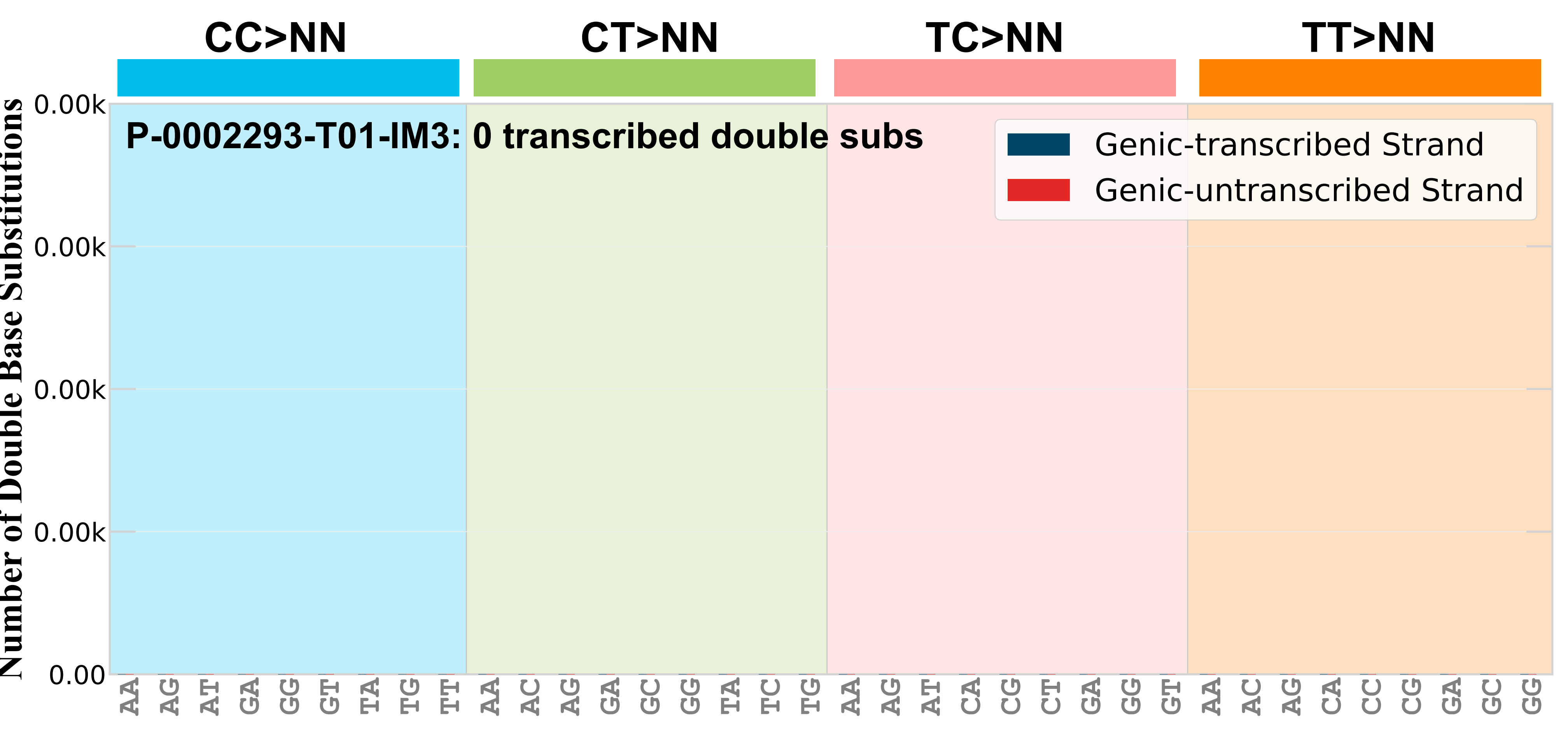


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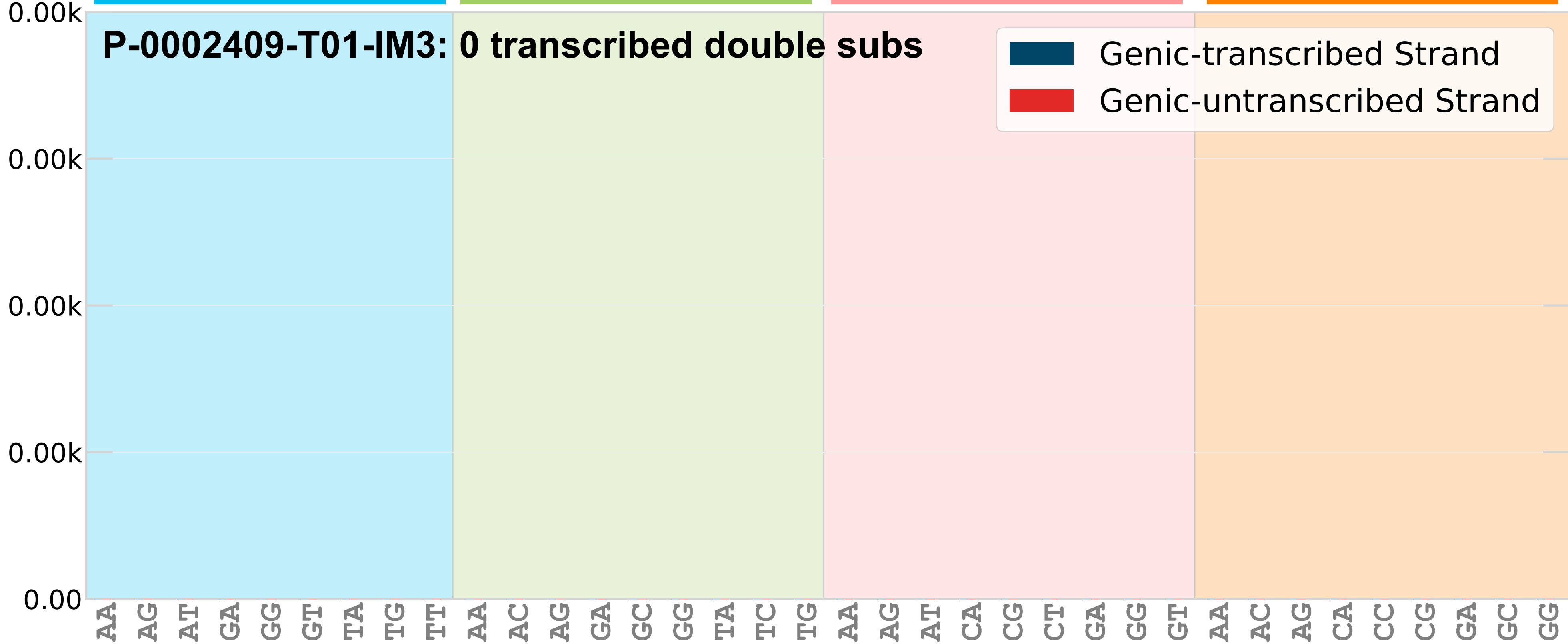


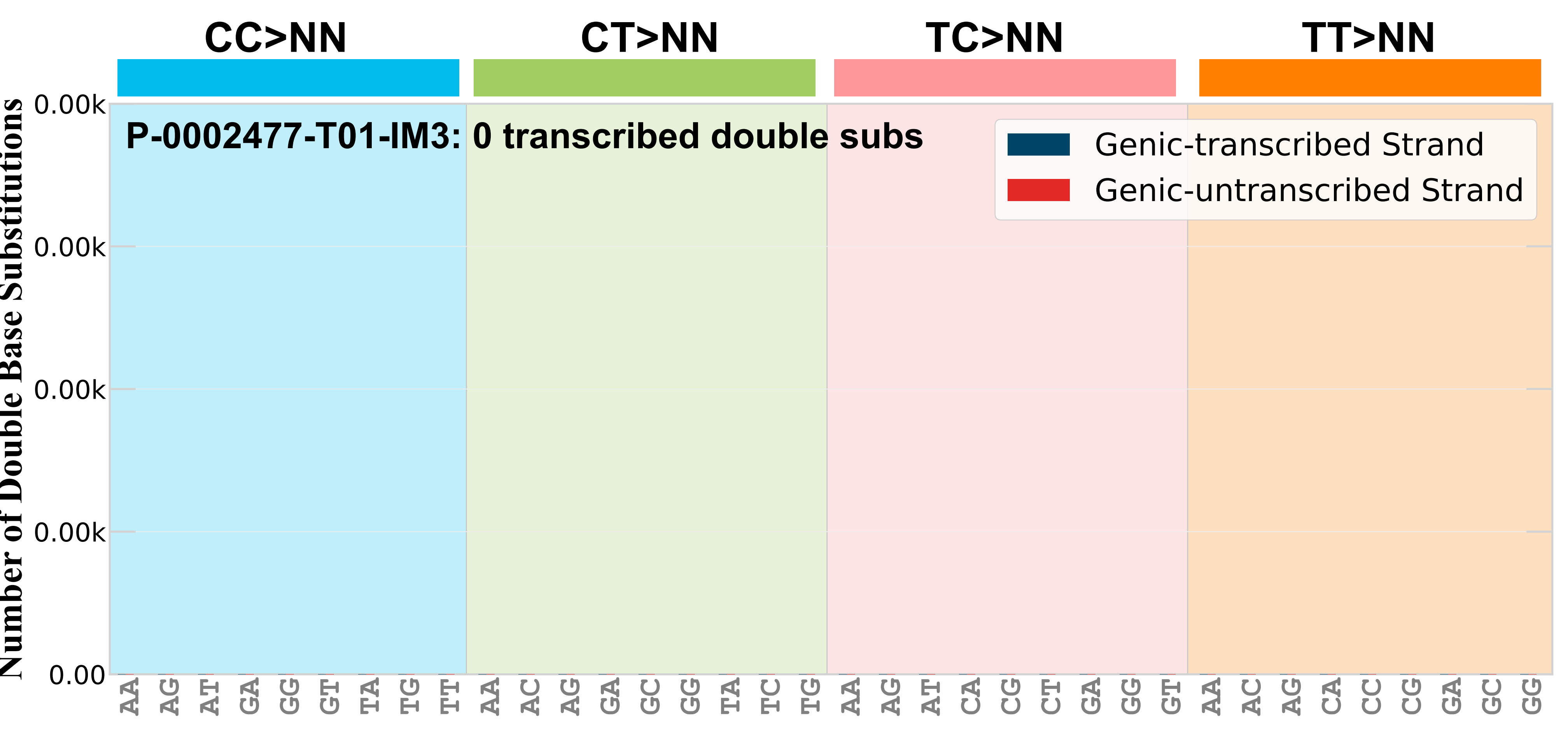




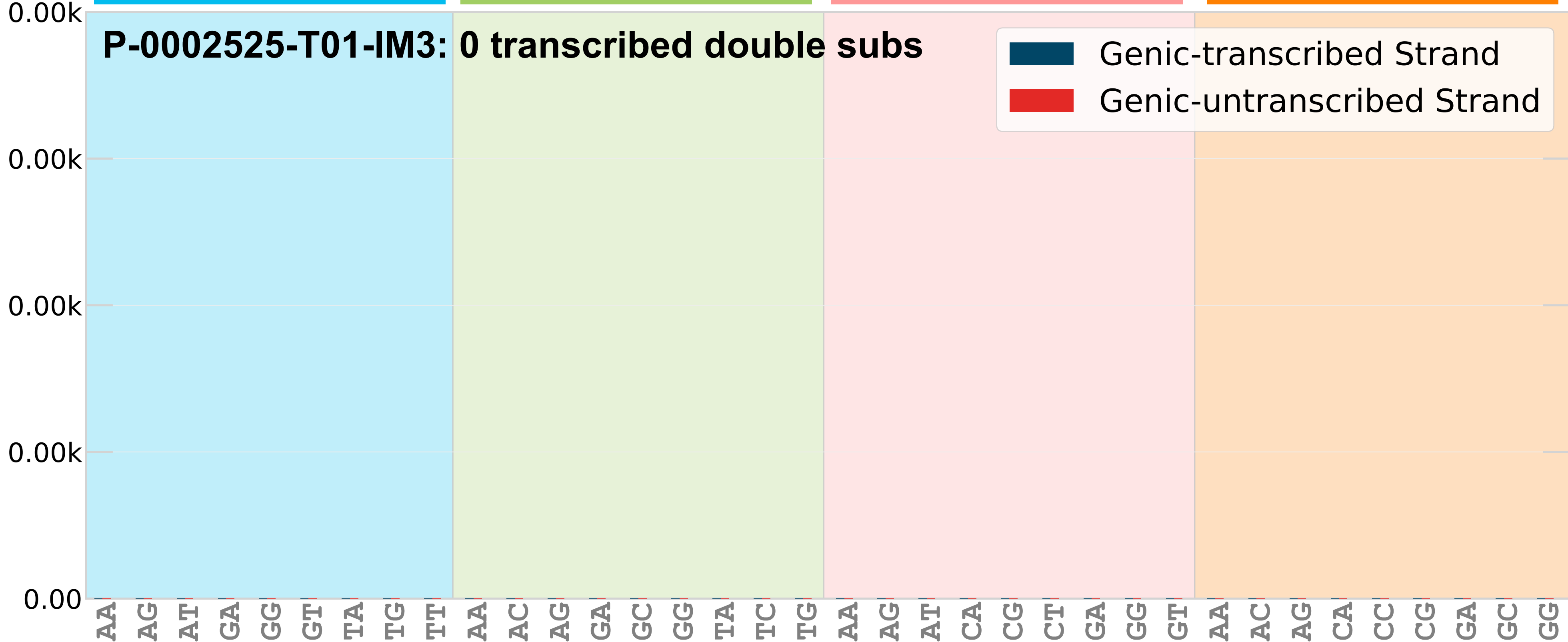


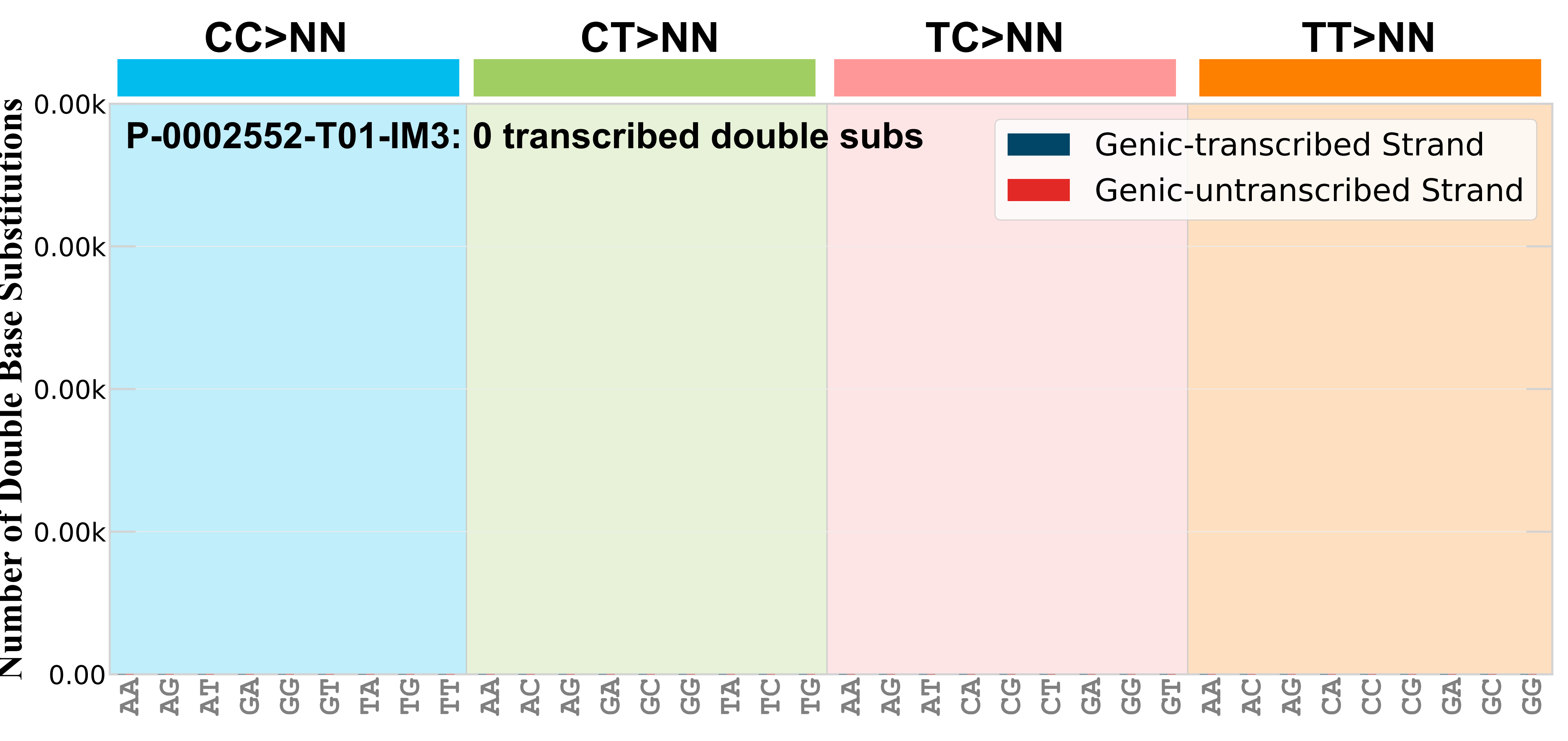
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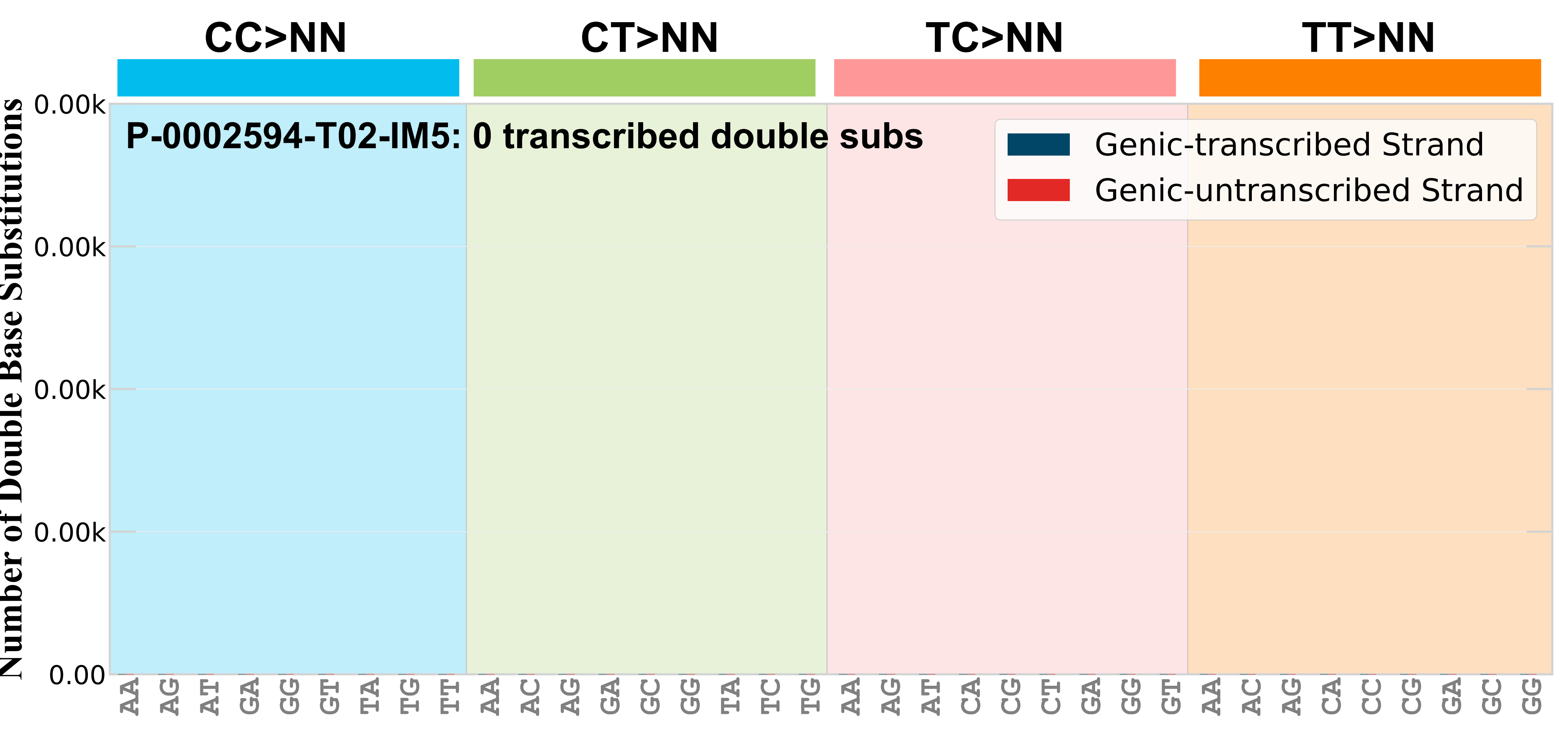




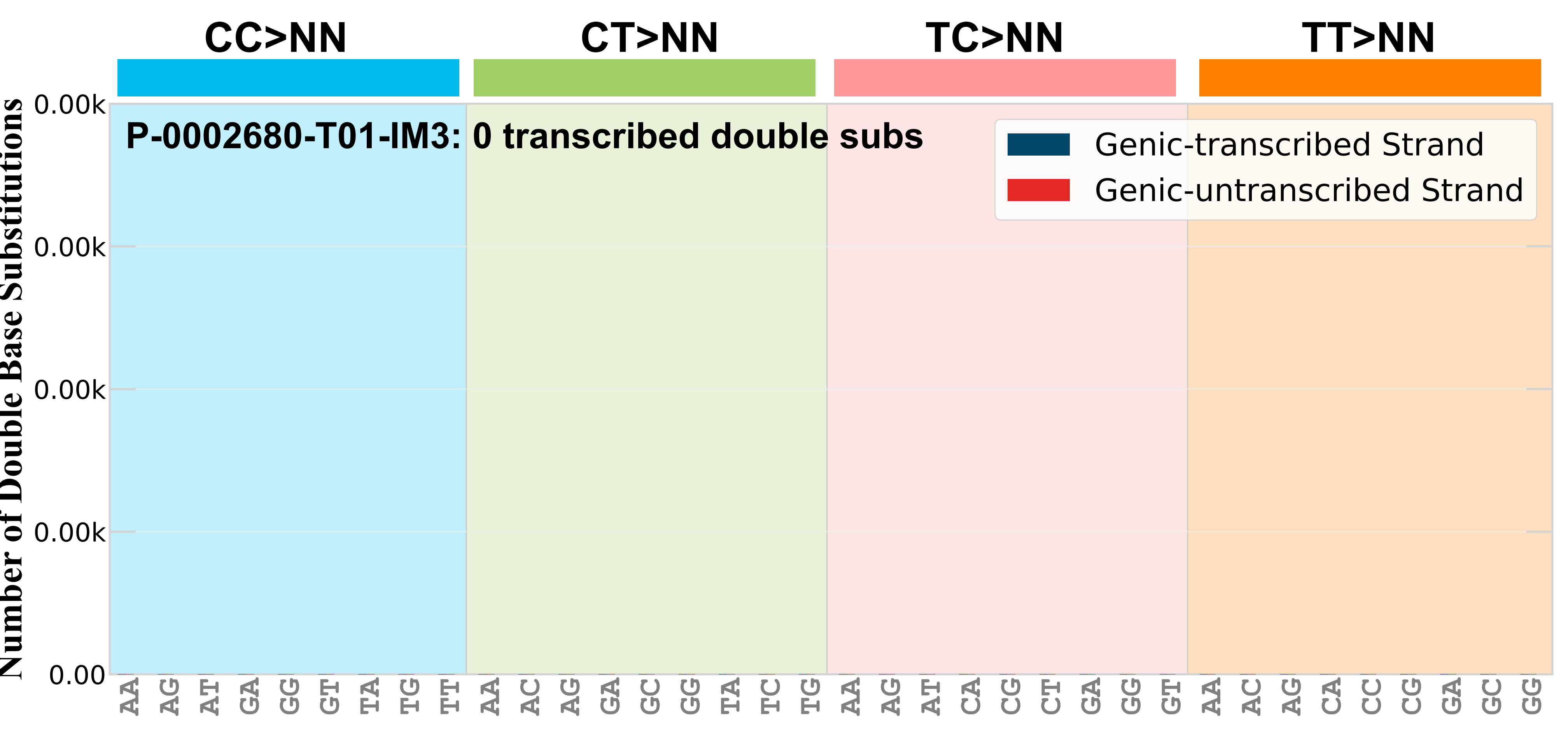
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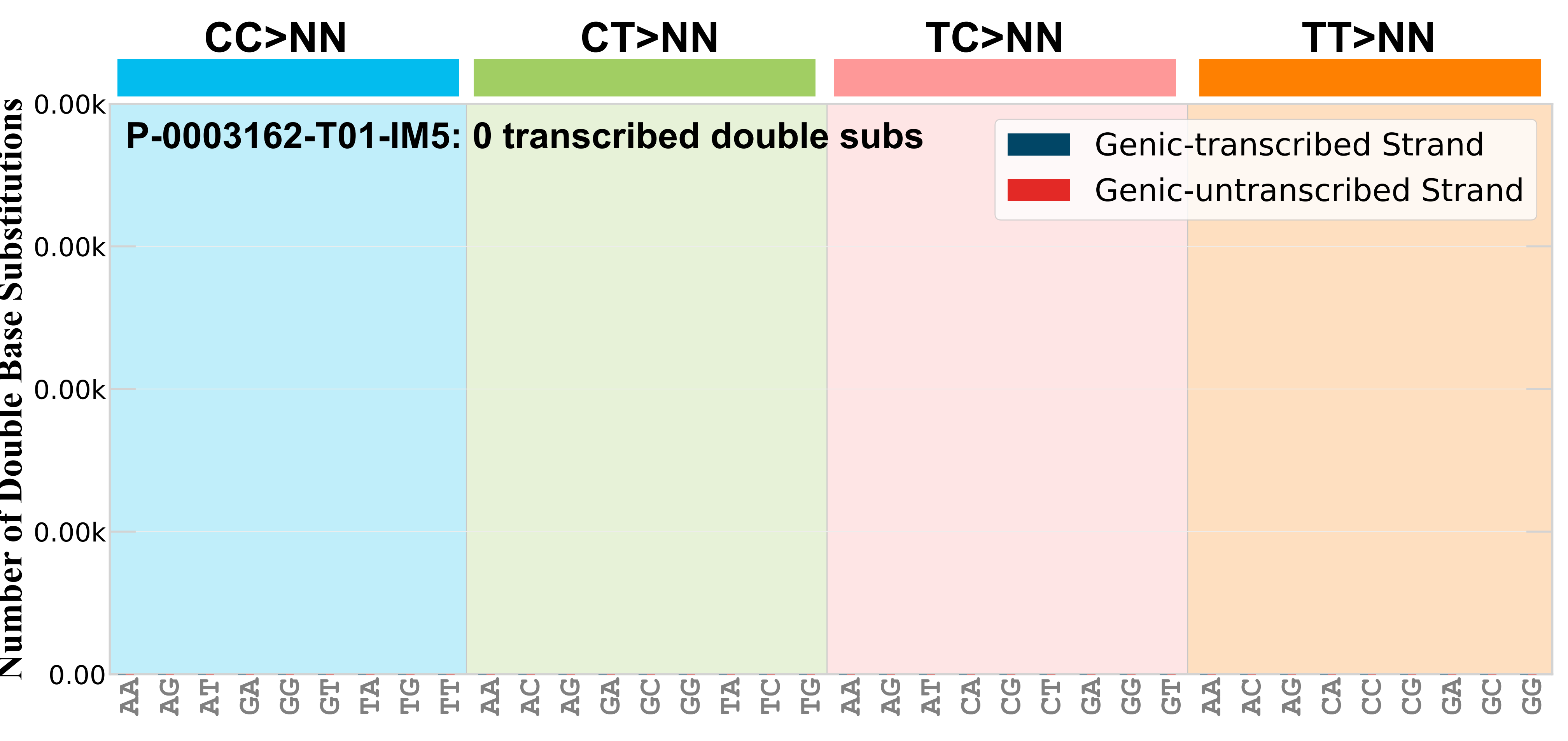




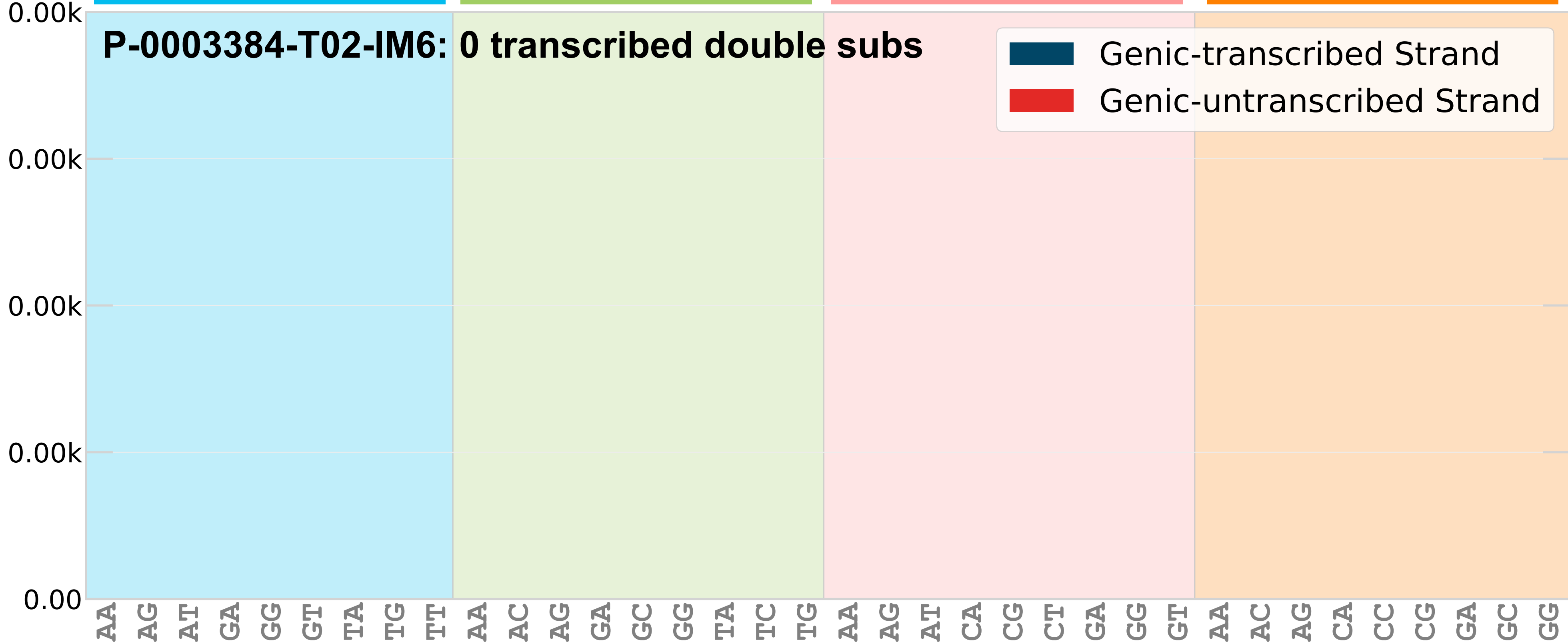


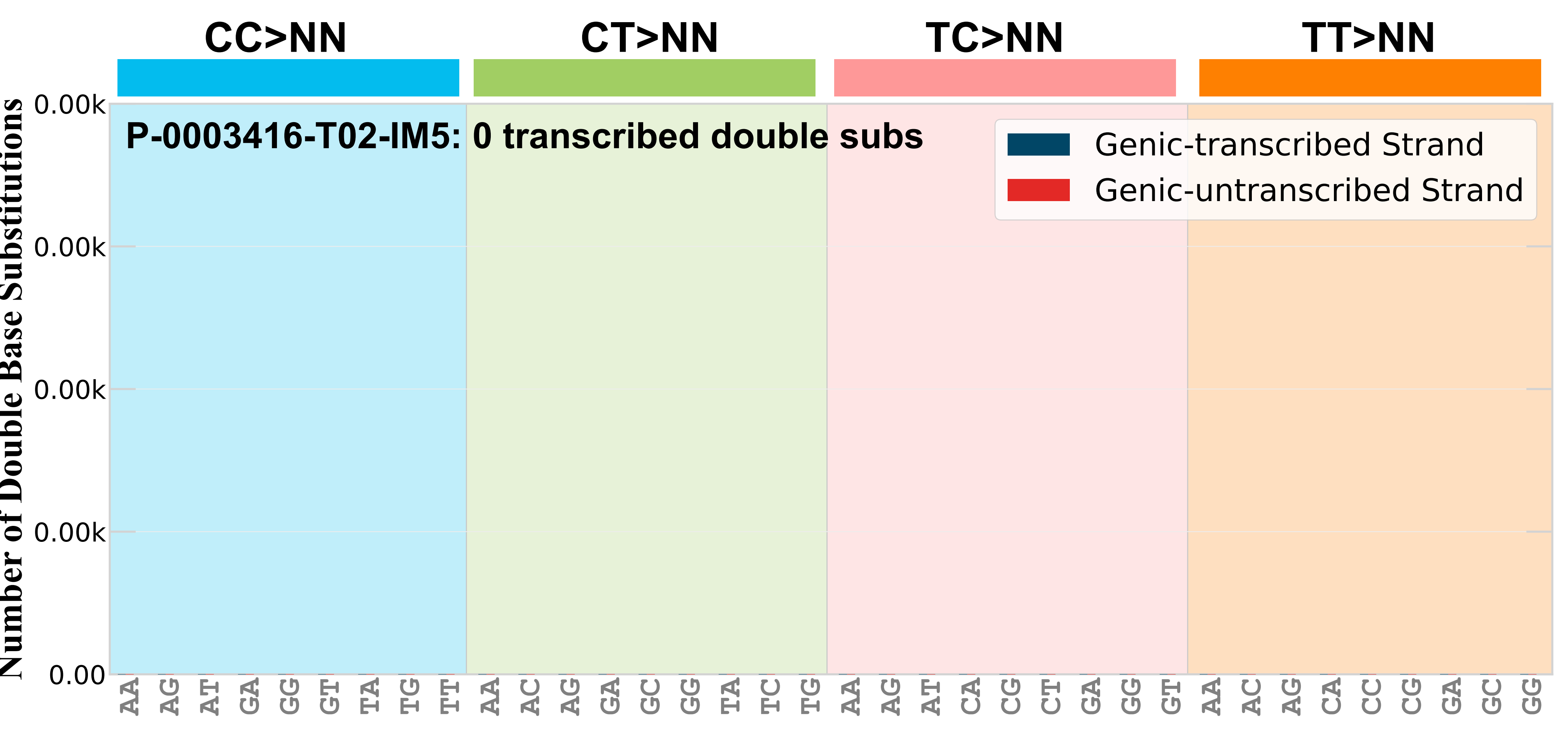


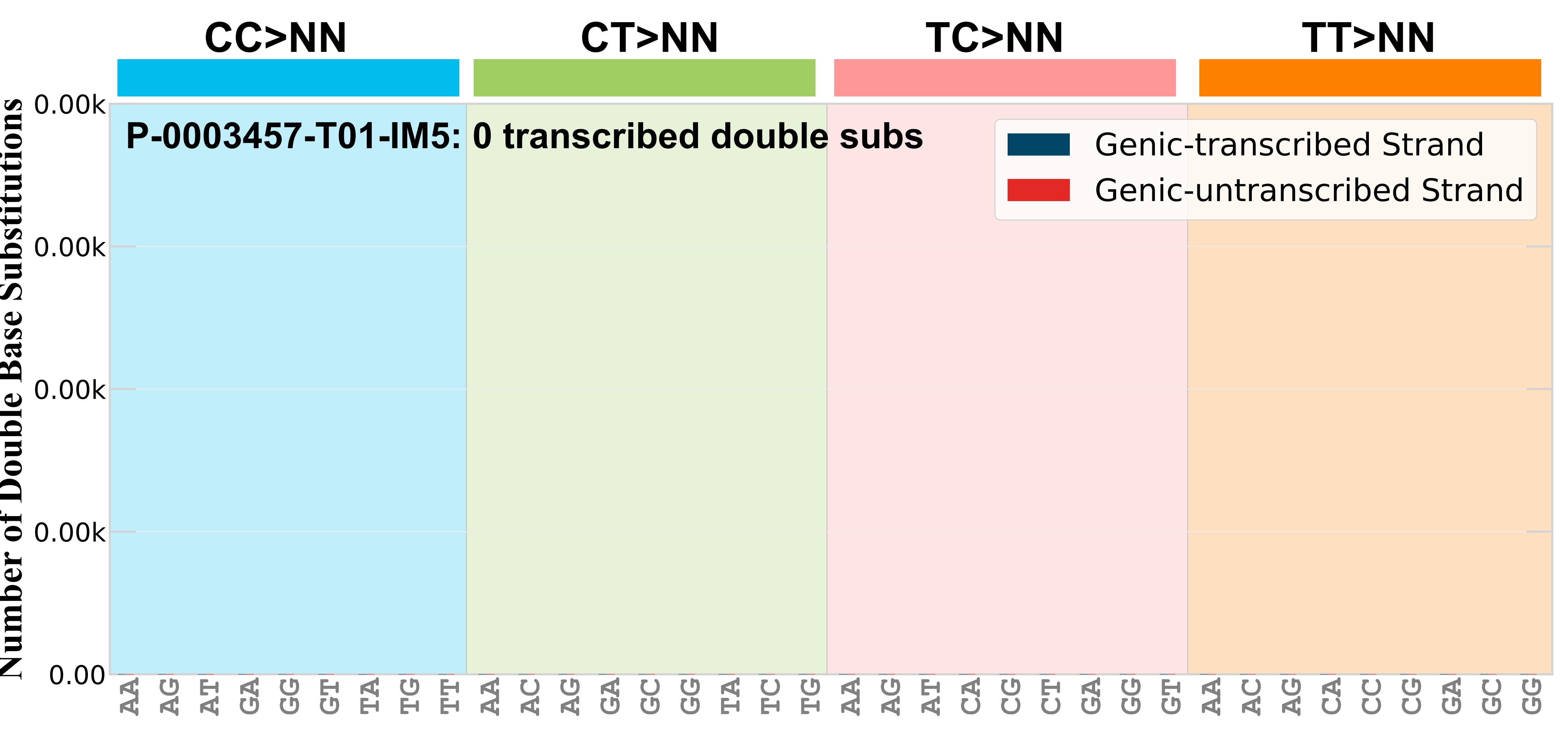


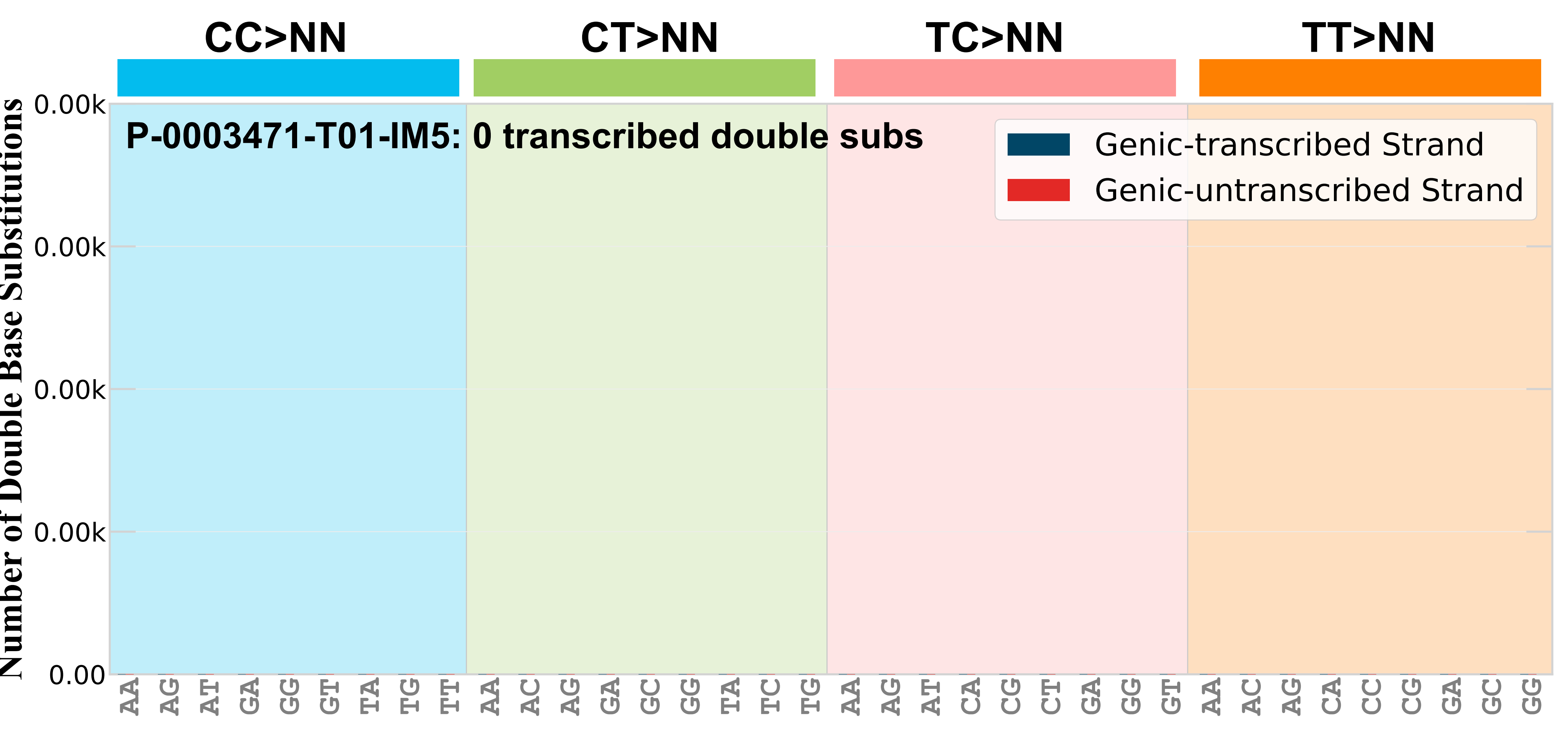


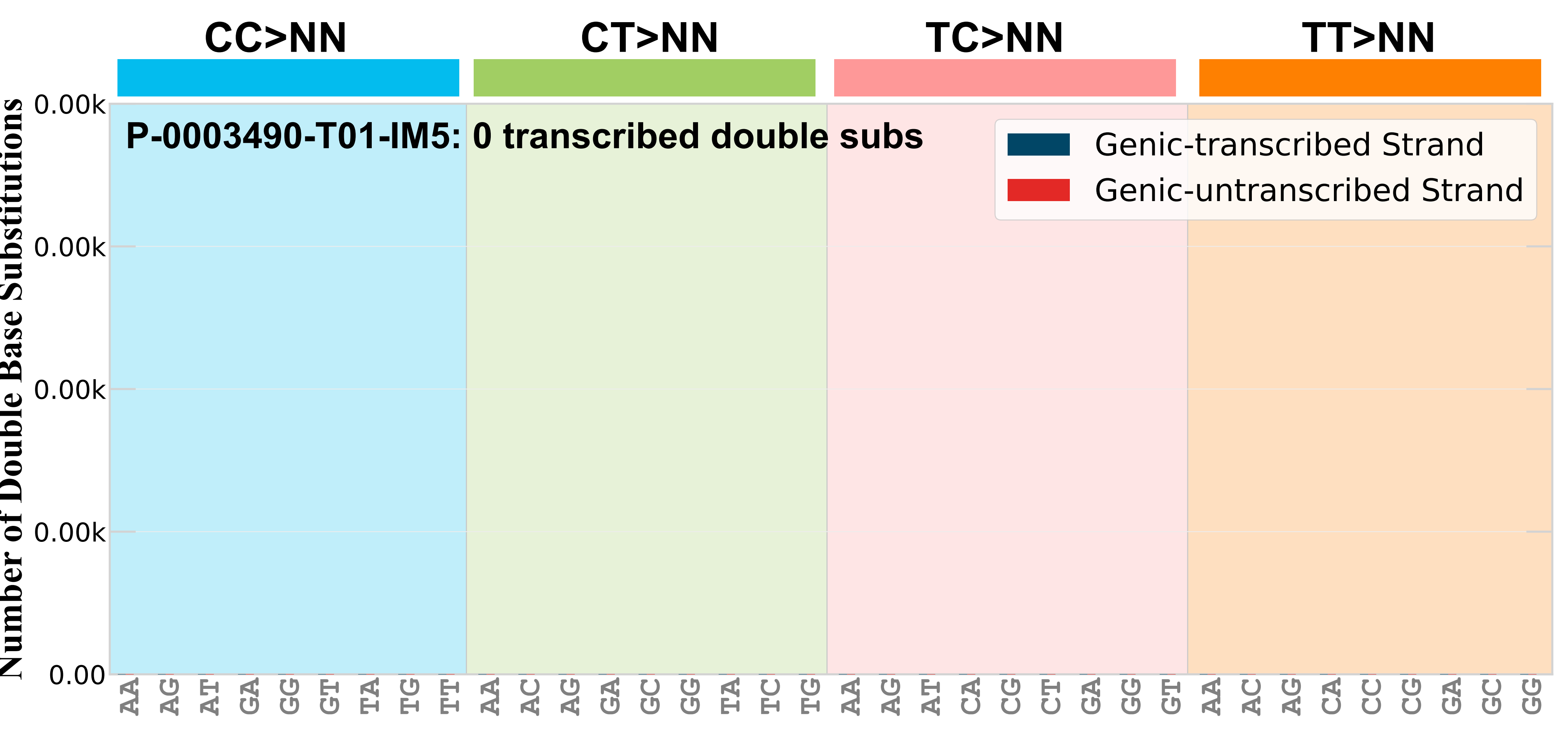
**TT>NN**























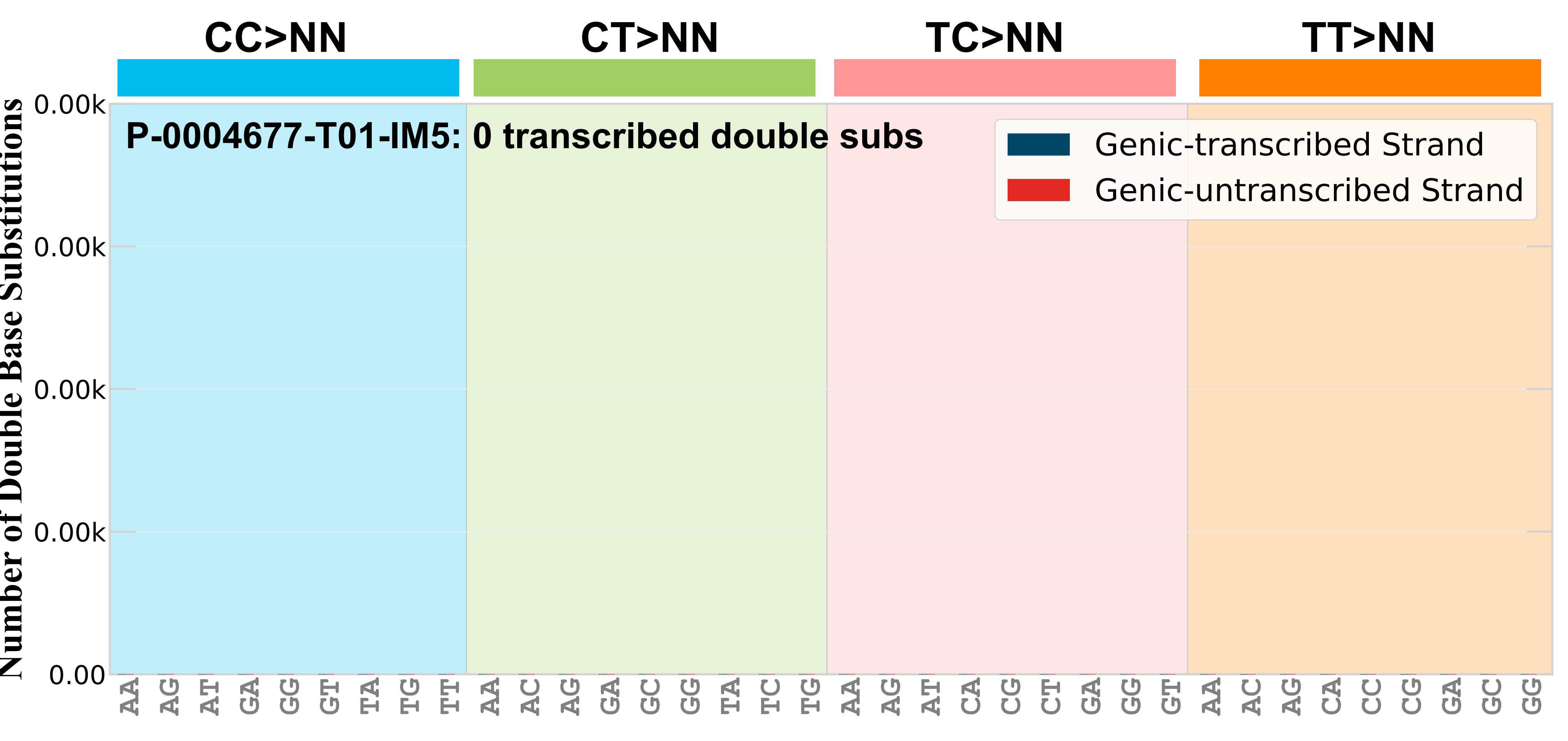






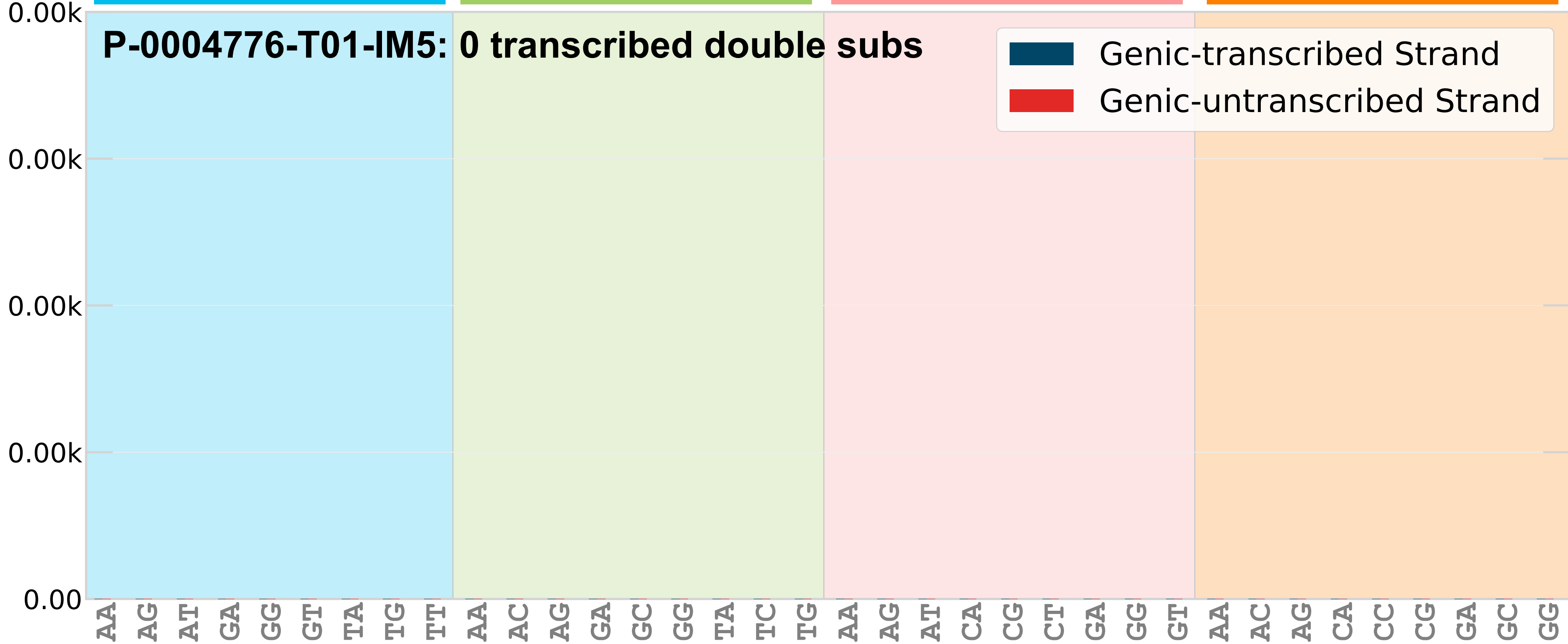


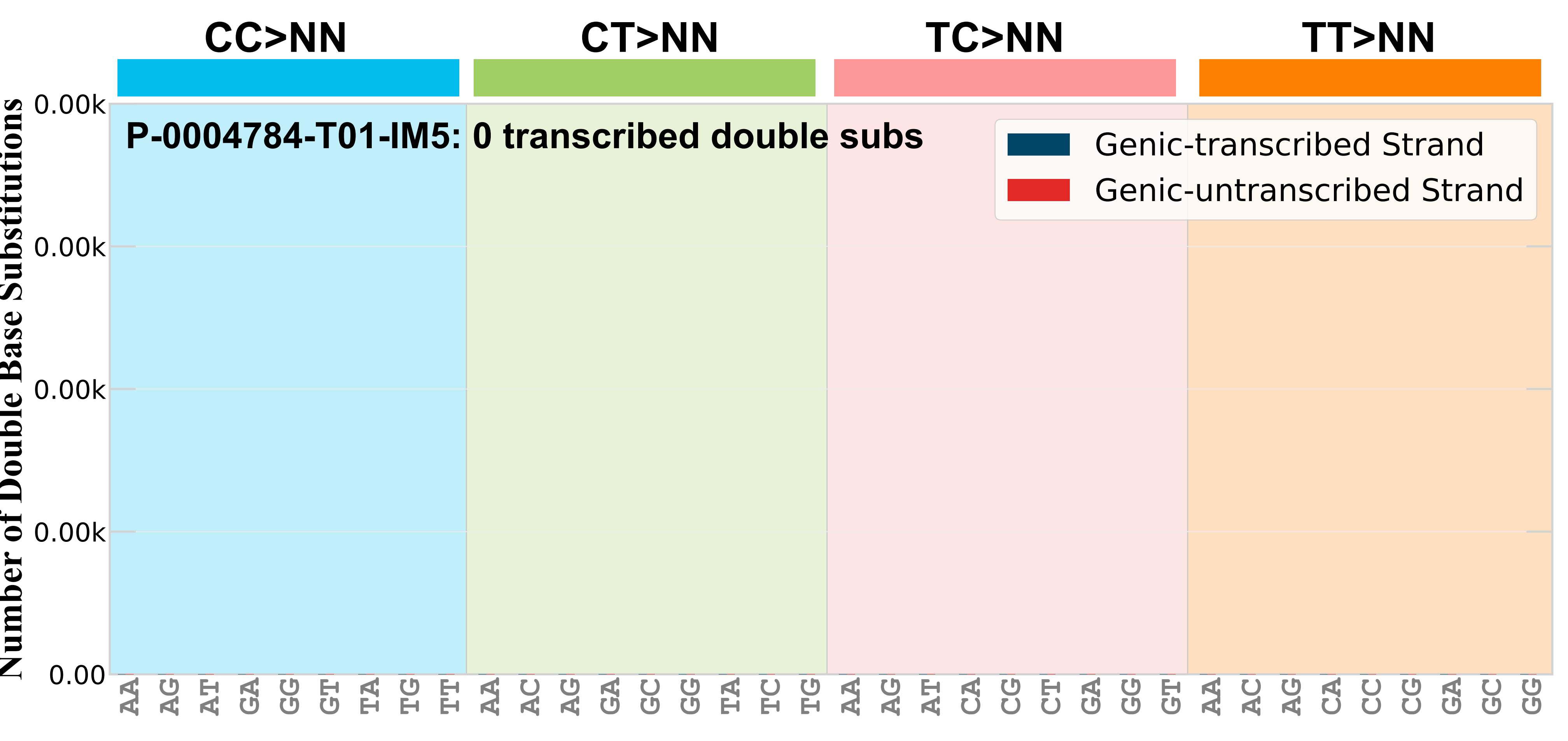


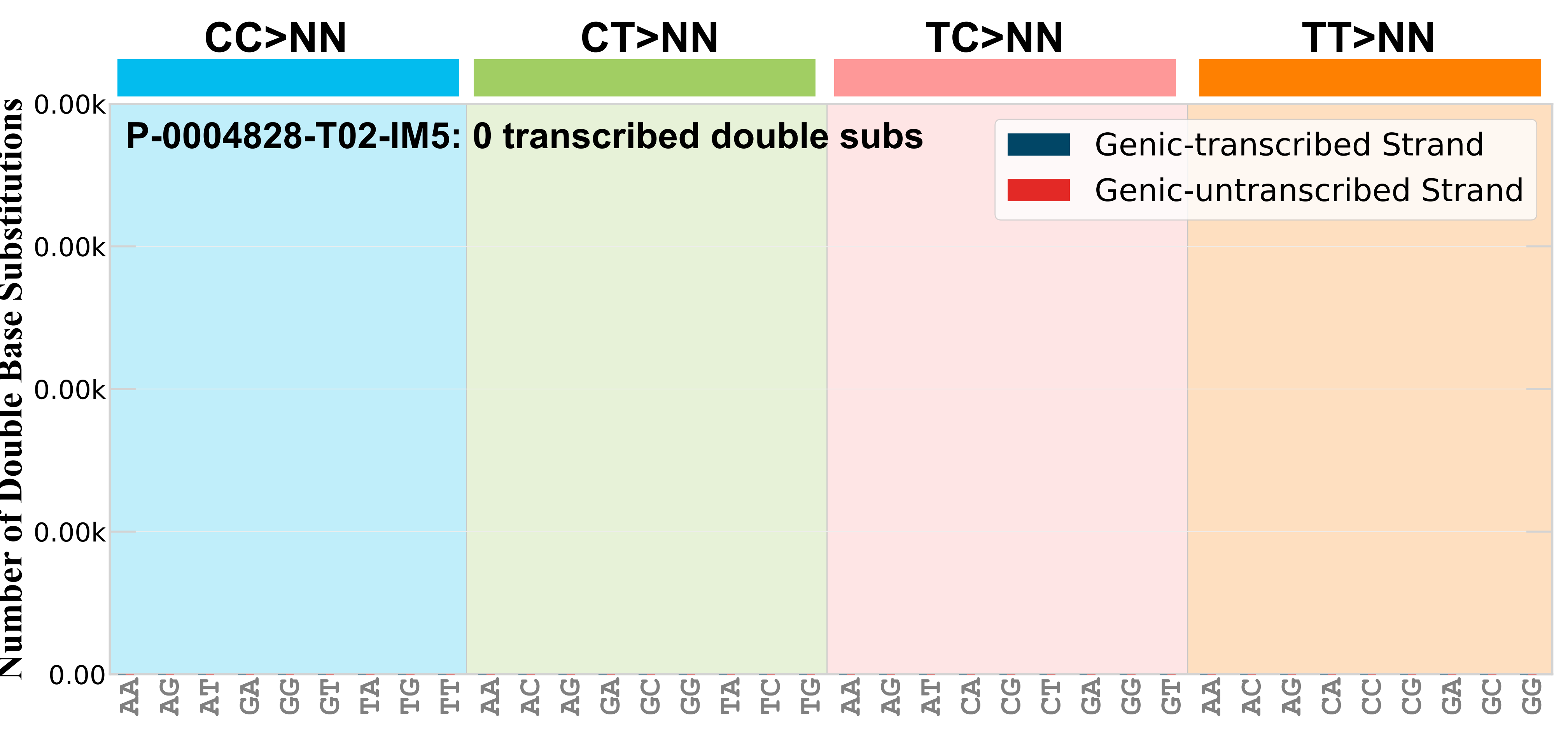




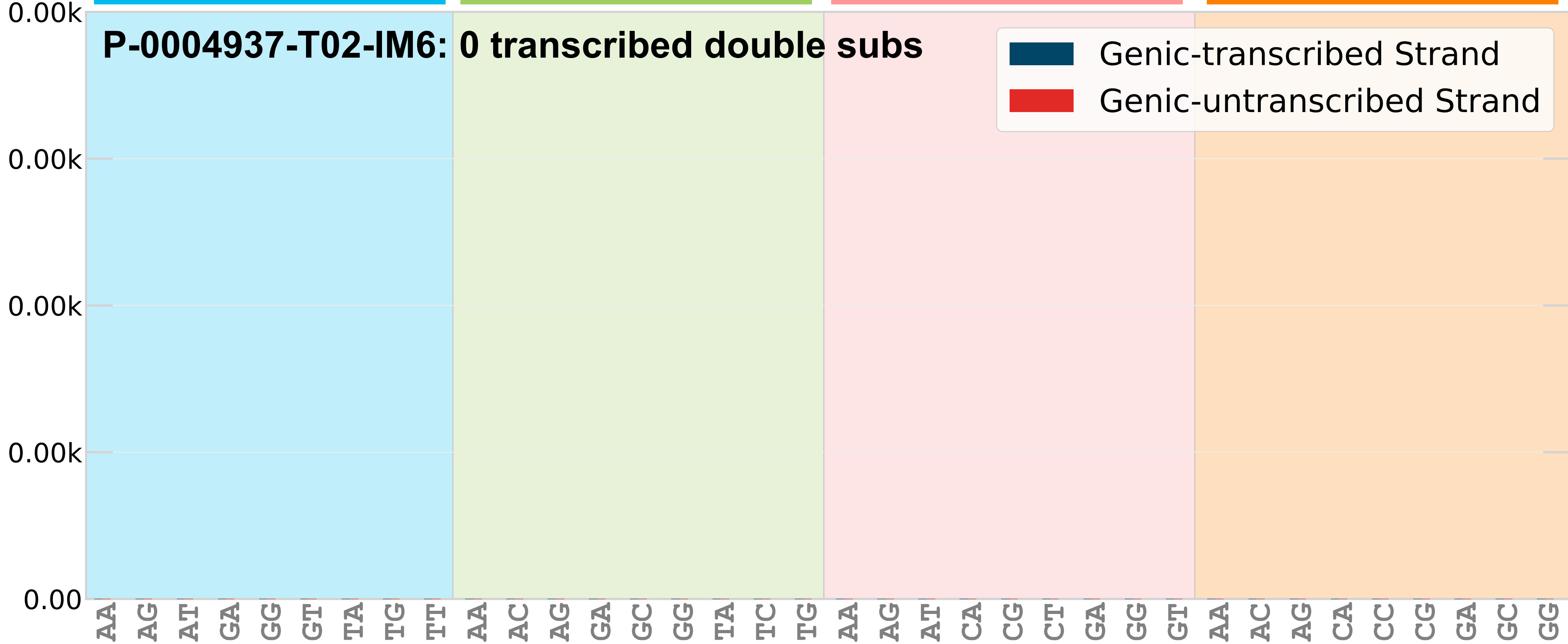
**TT>NN**



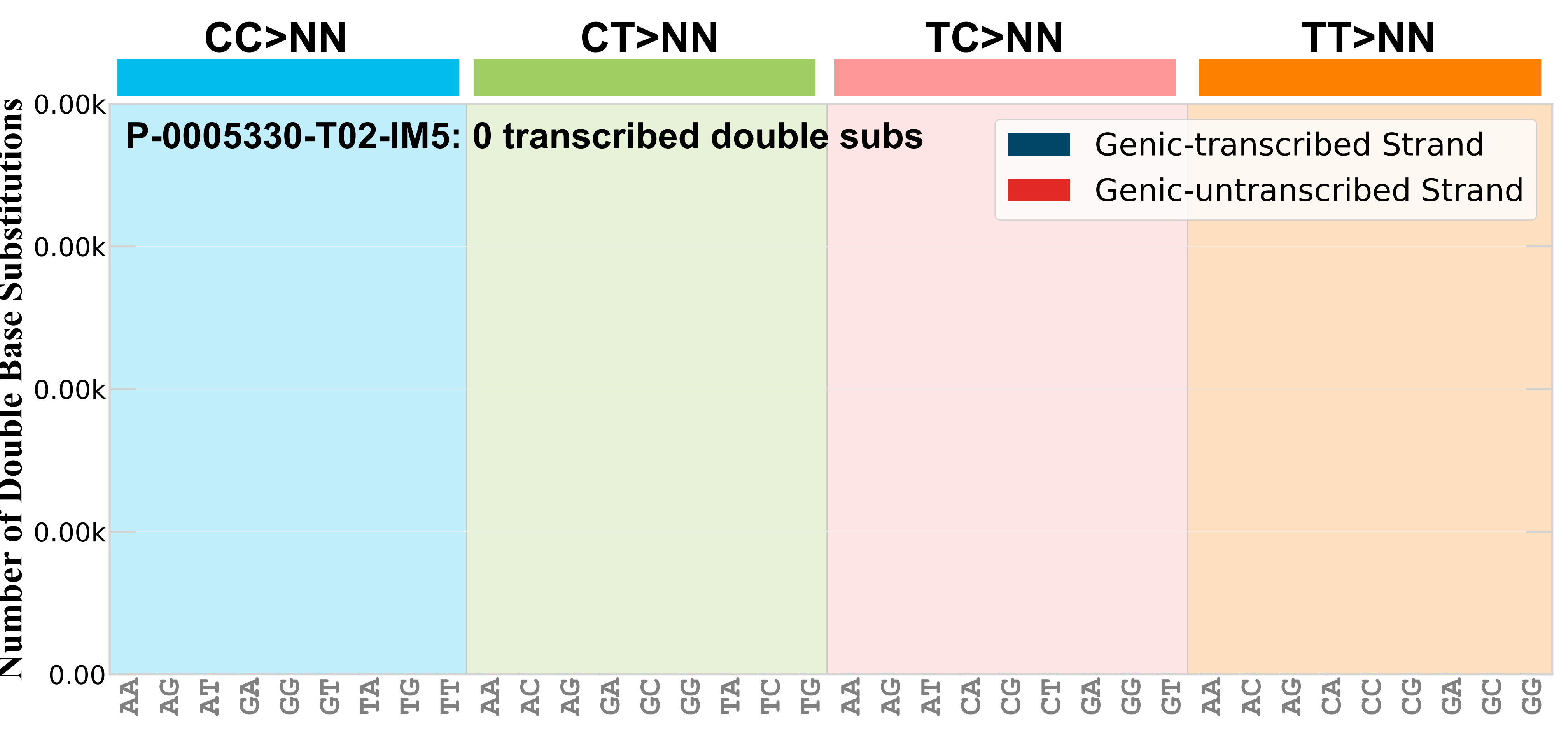




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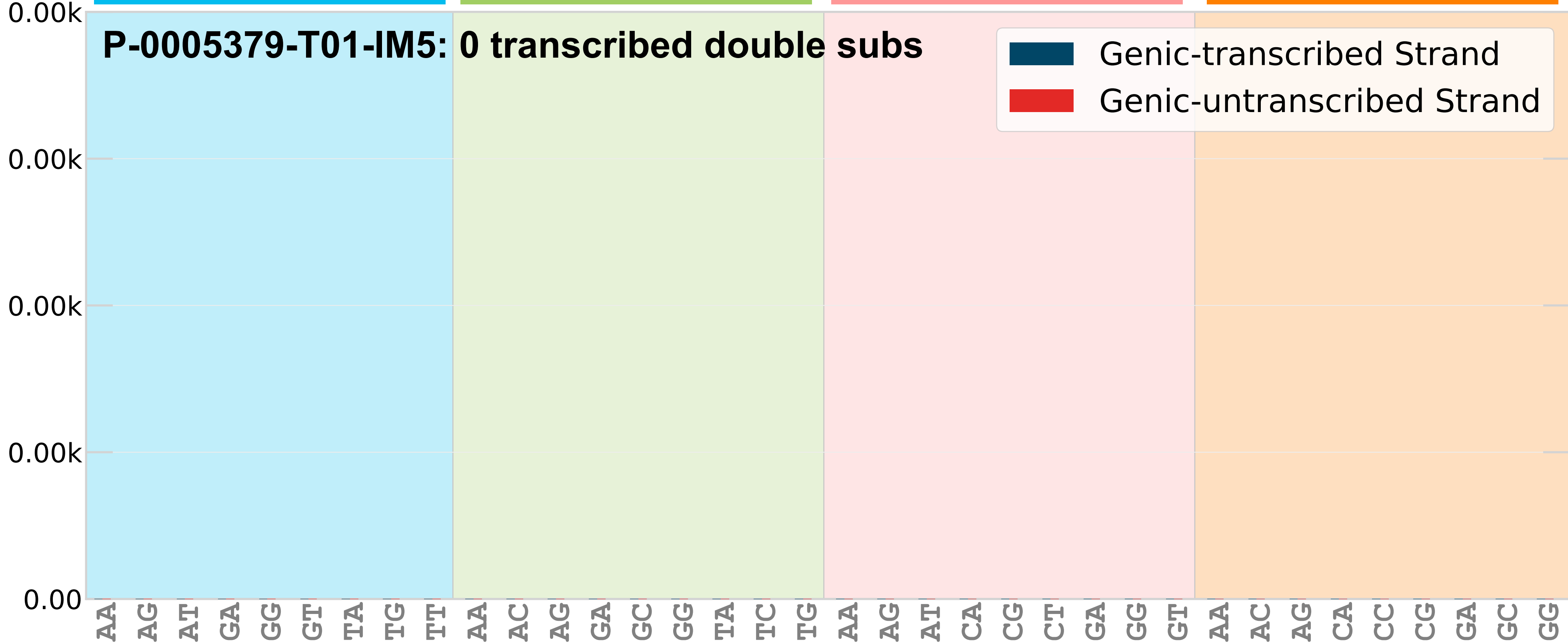


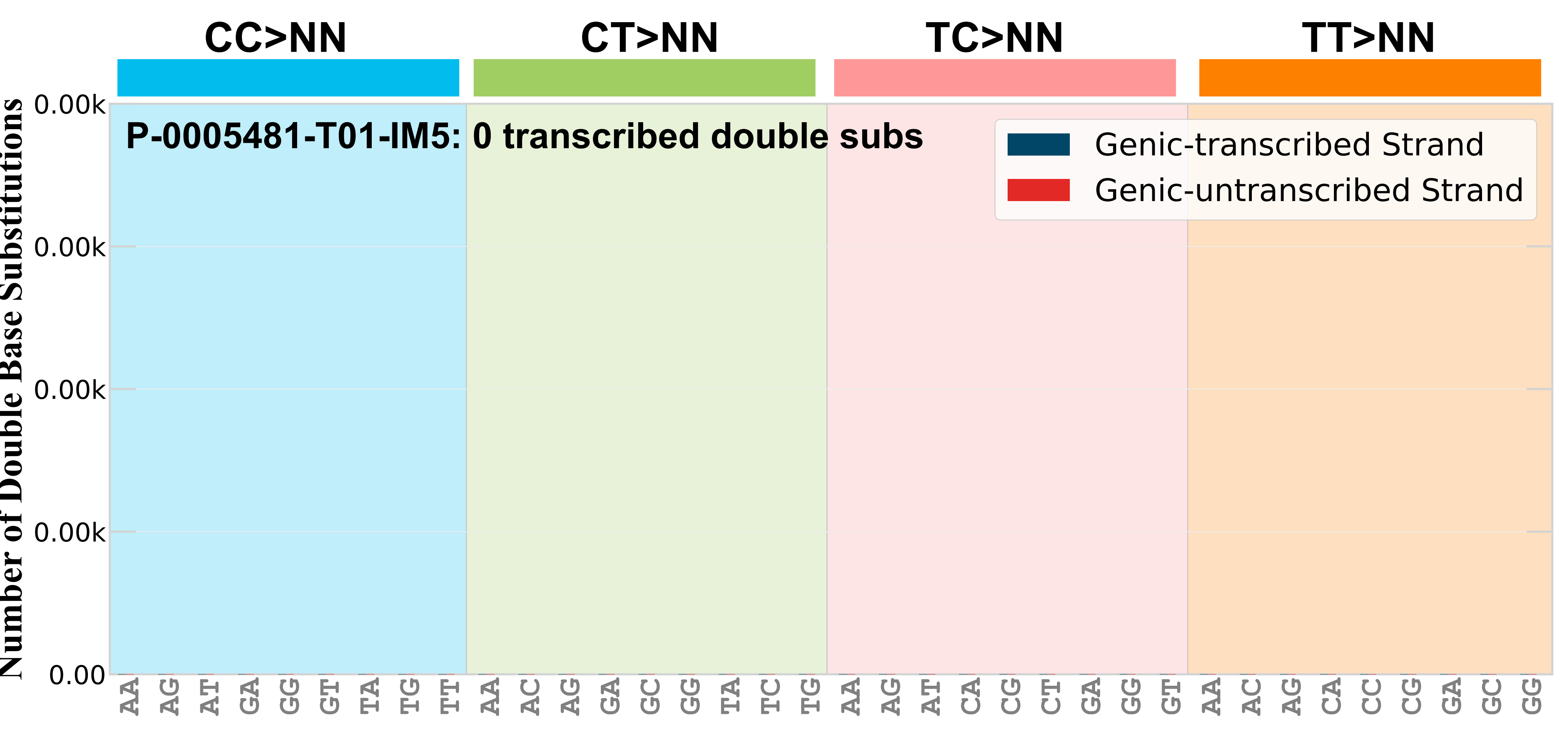


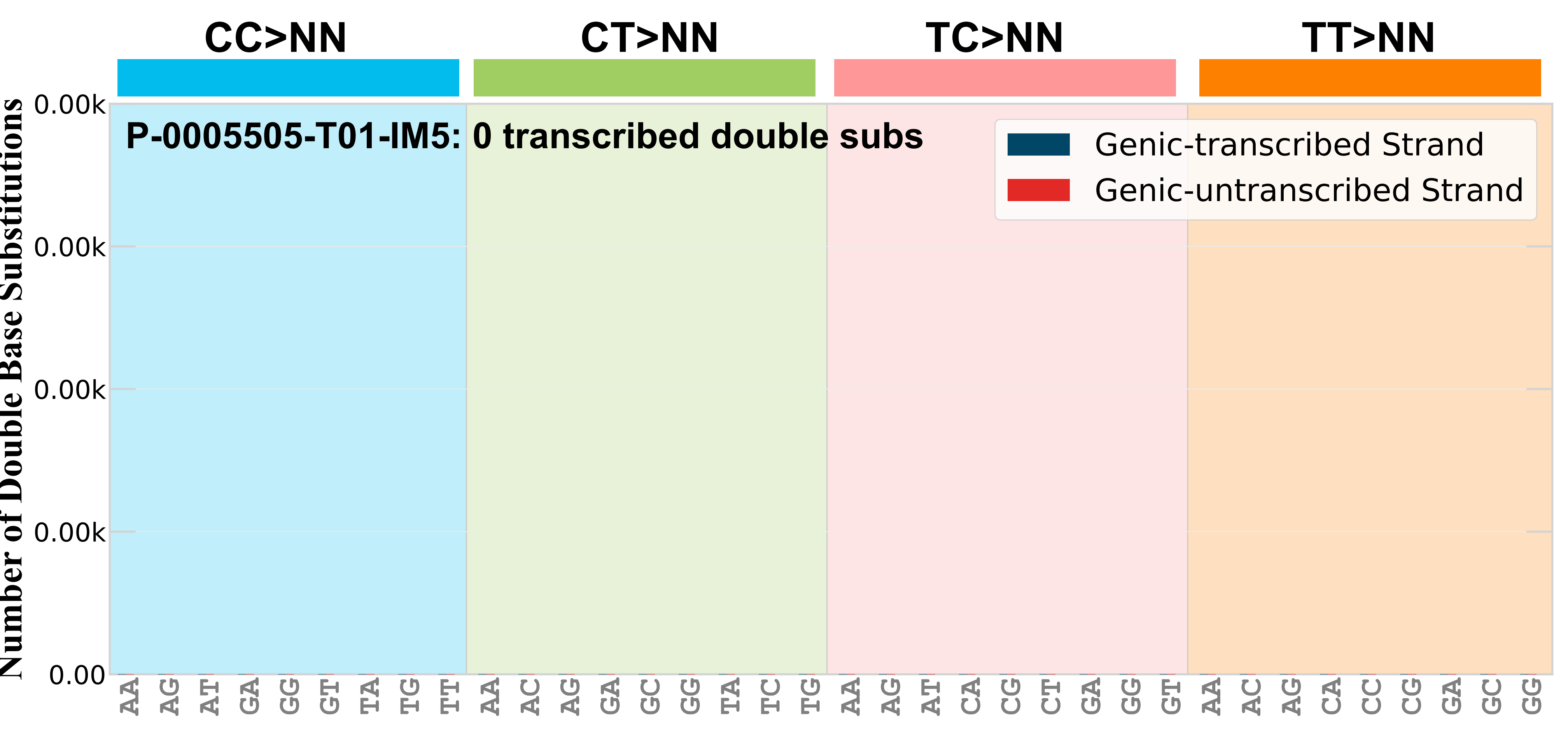




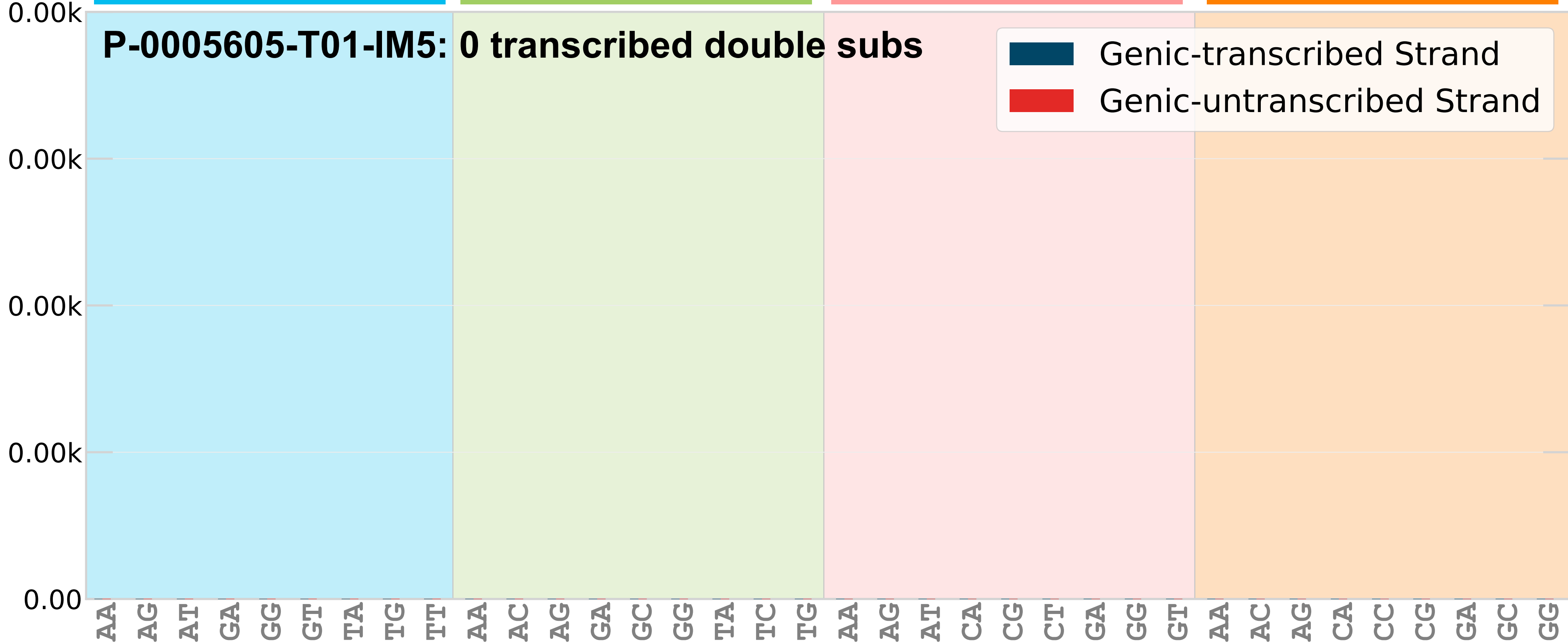
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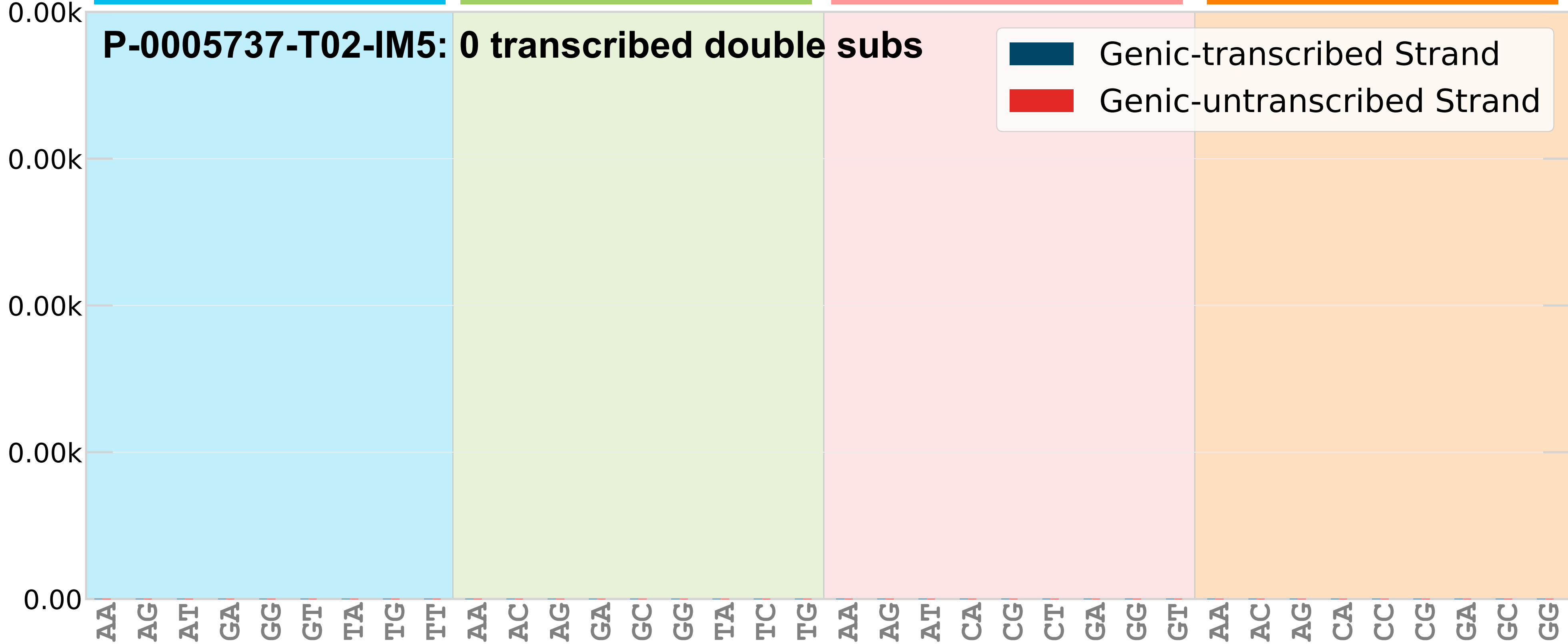


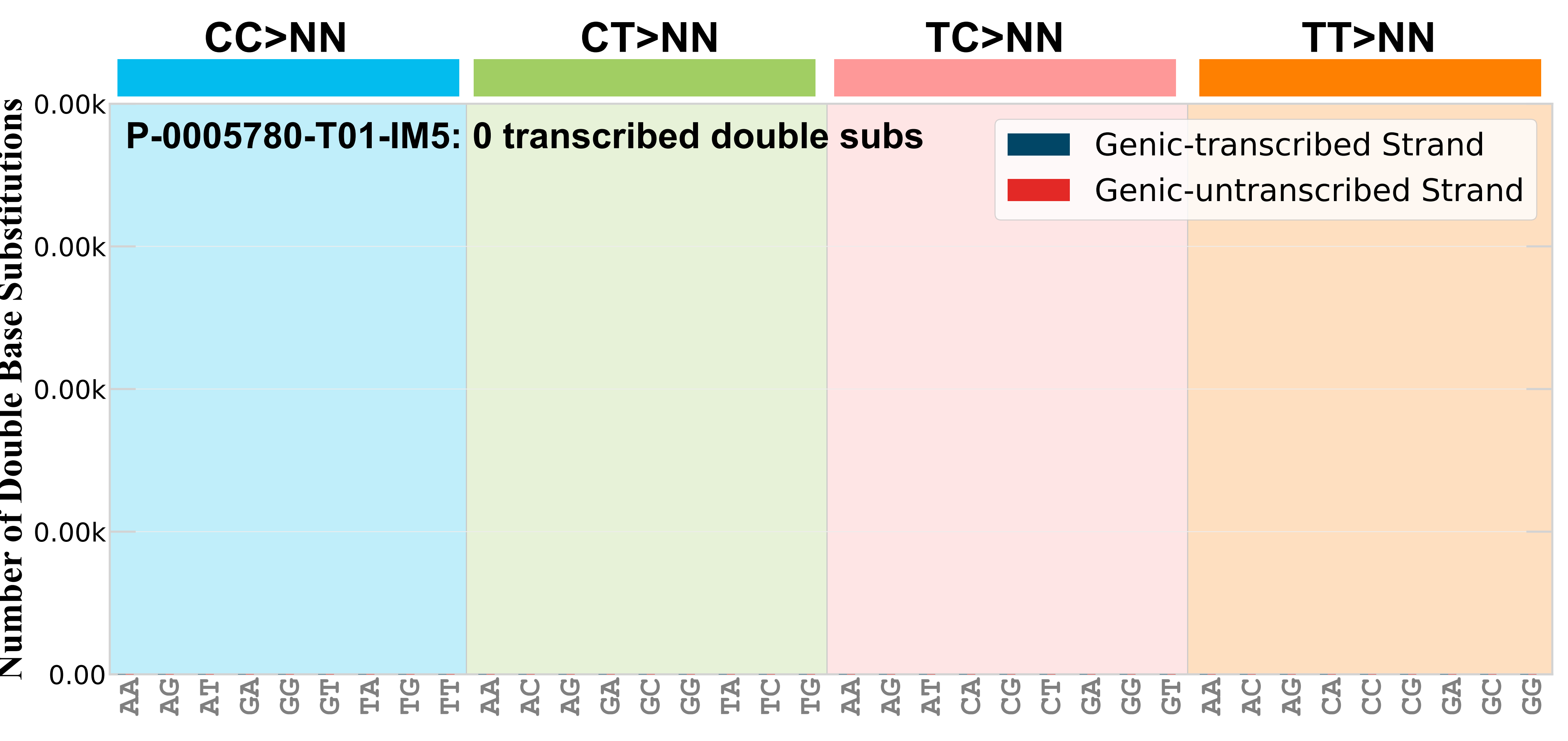
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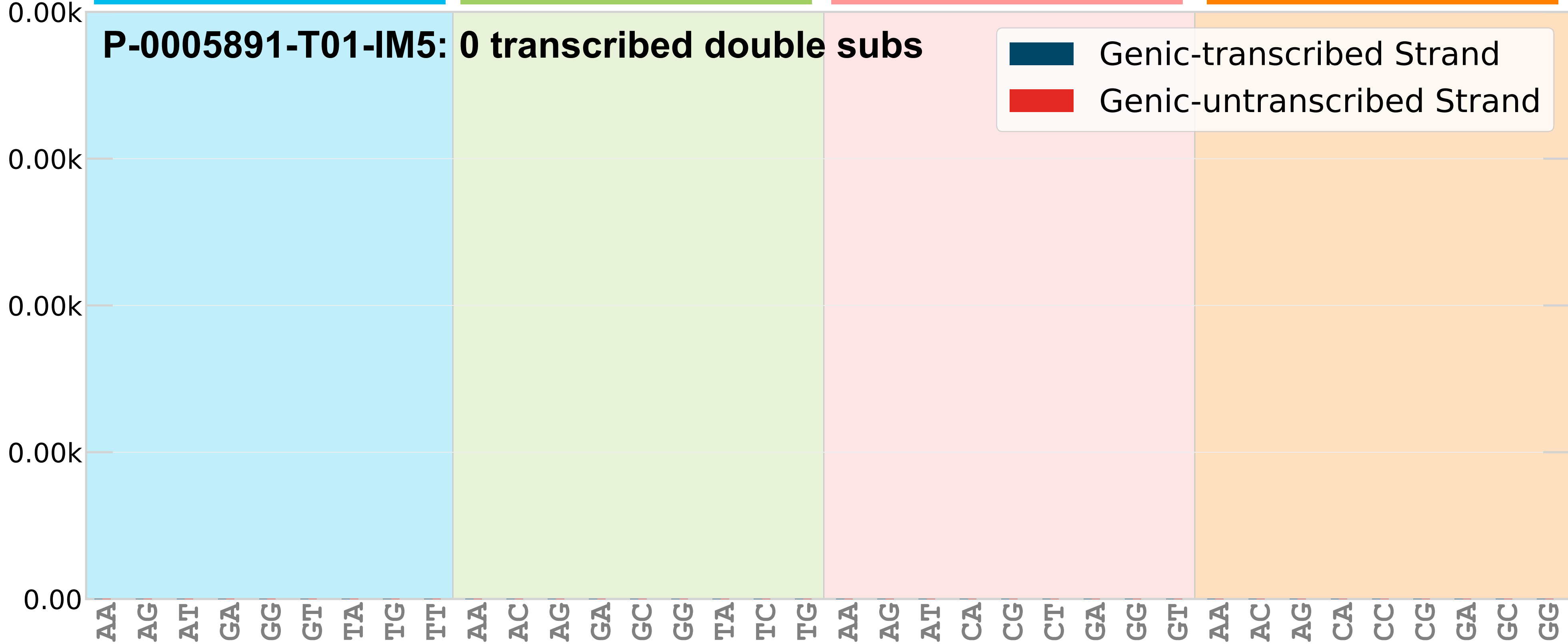


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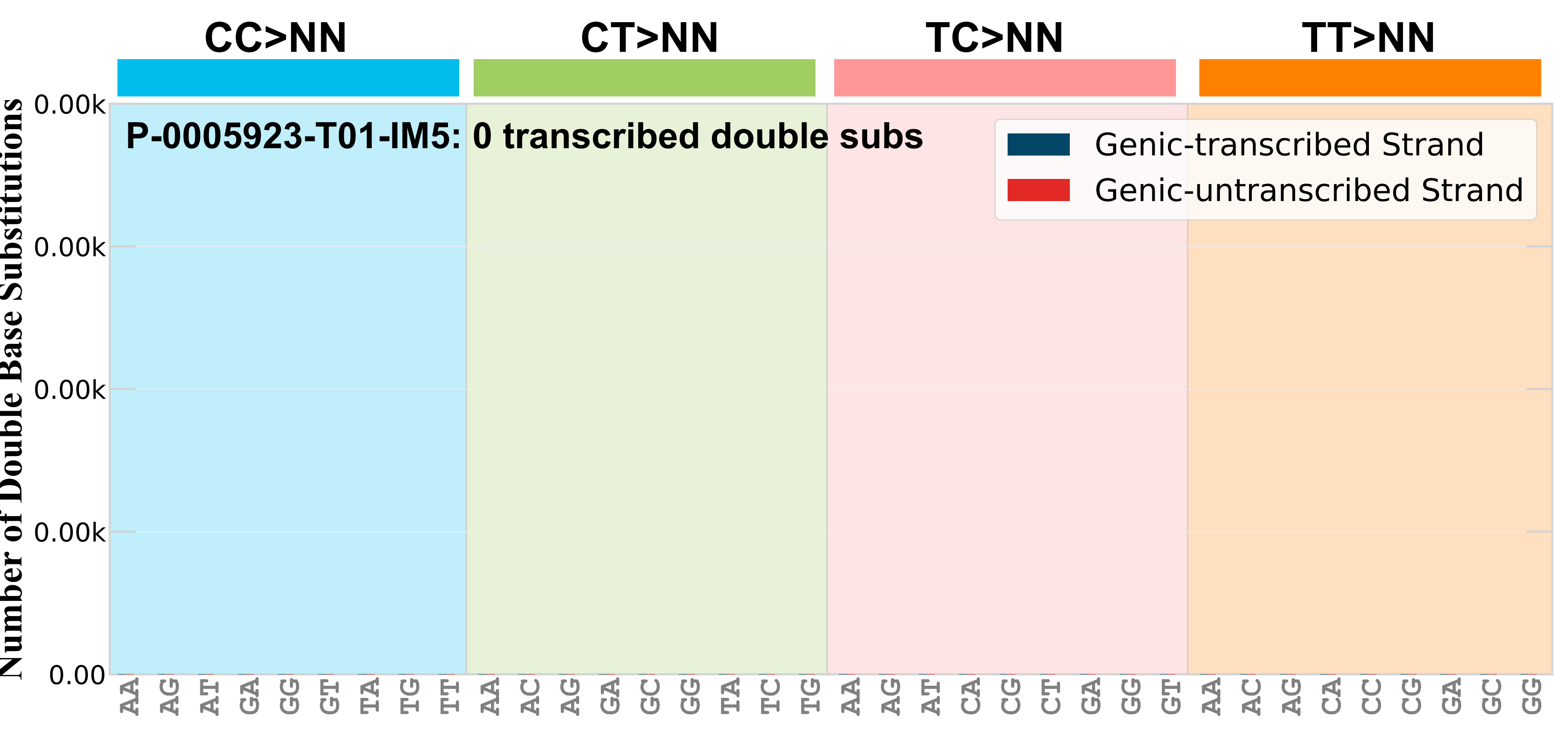


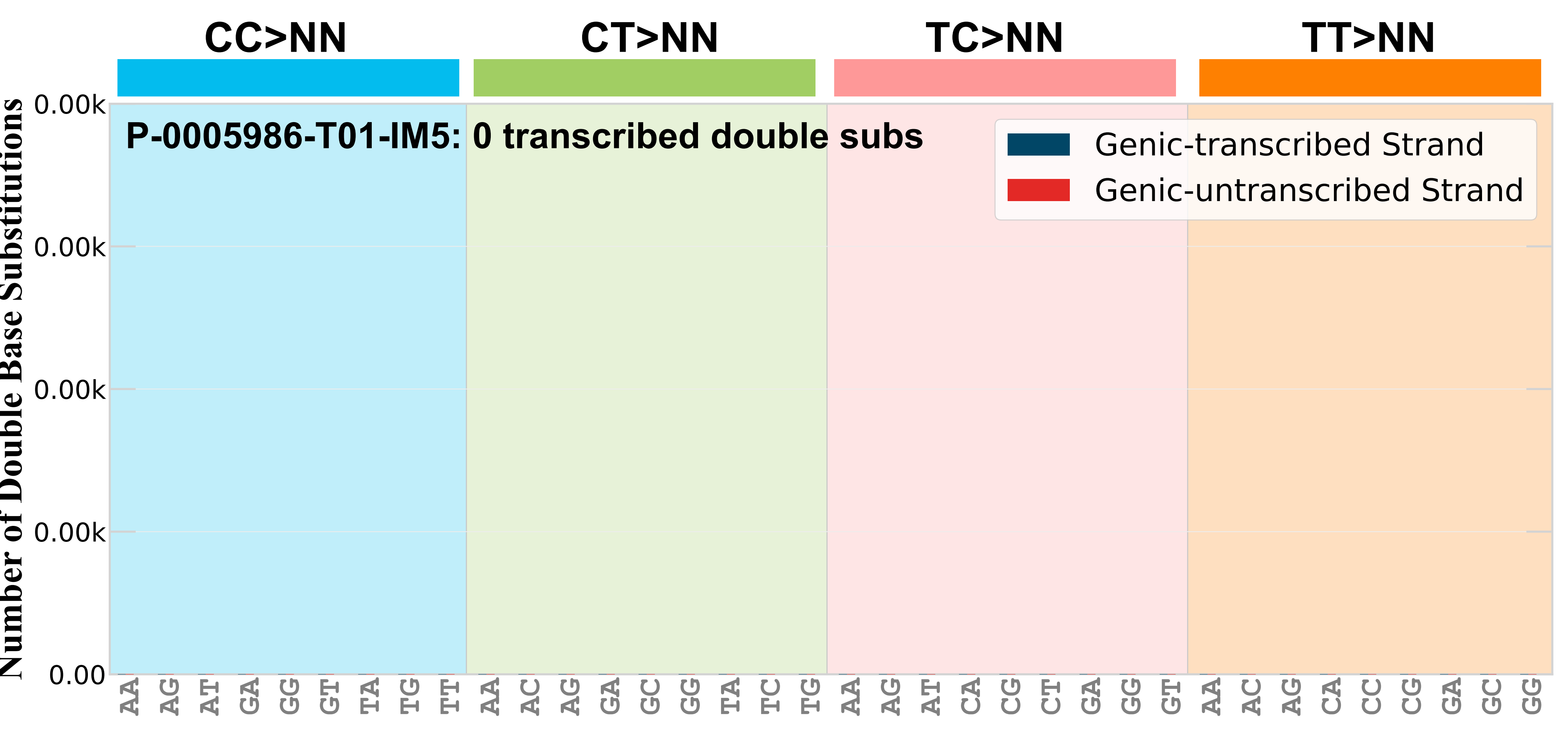


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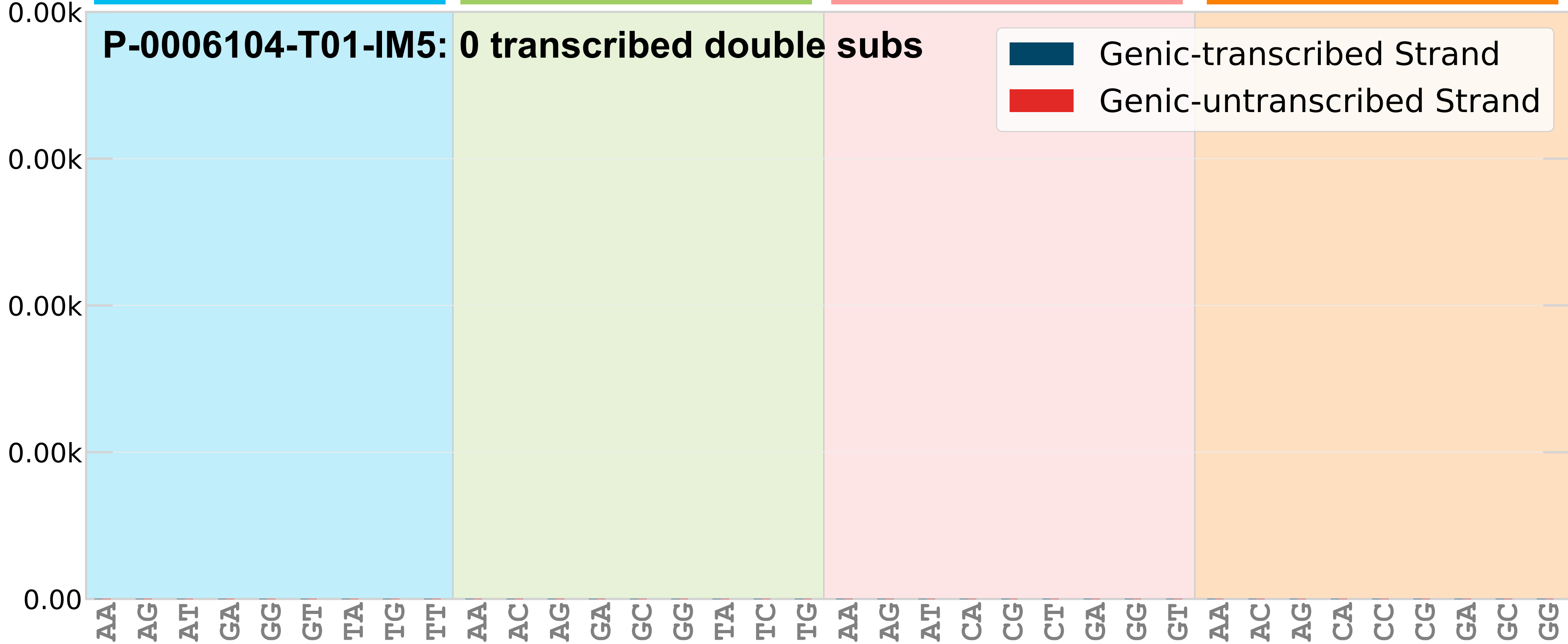




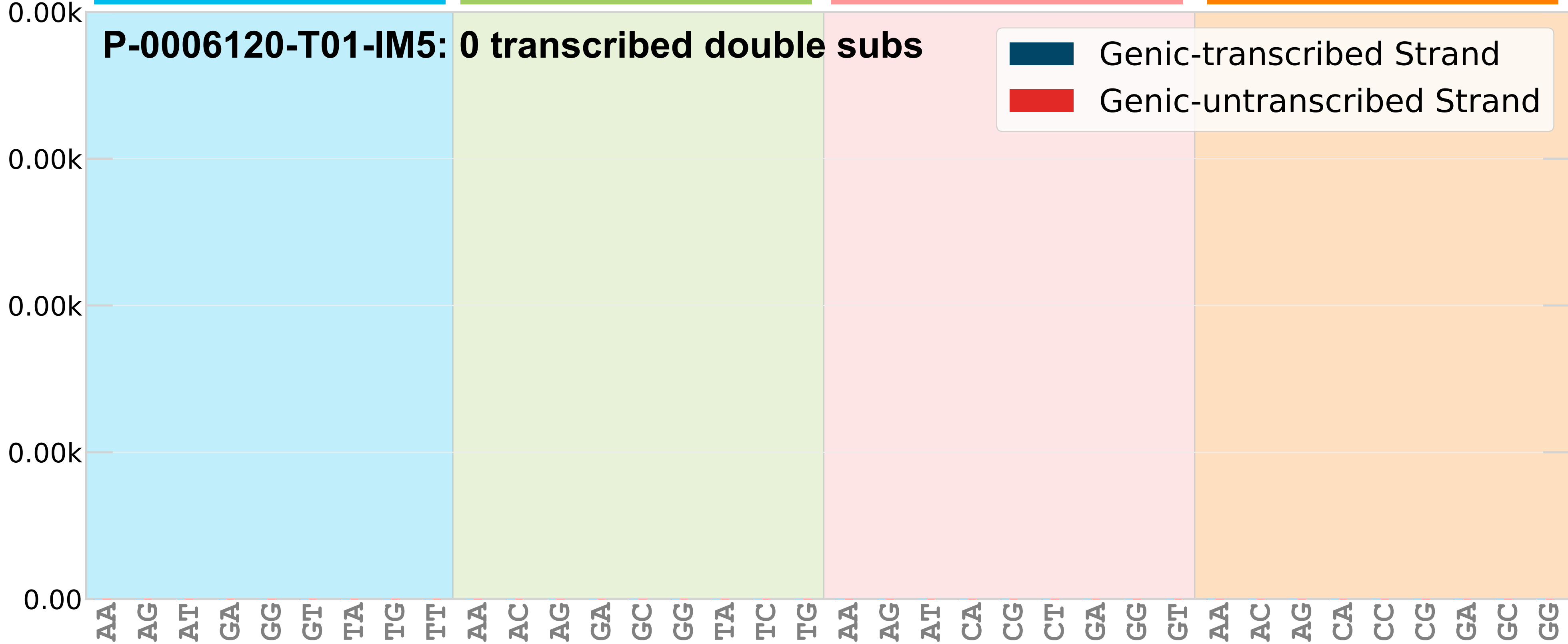




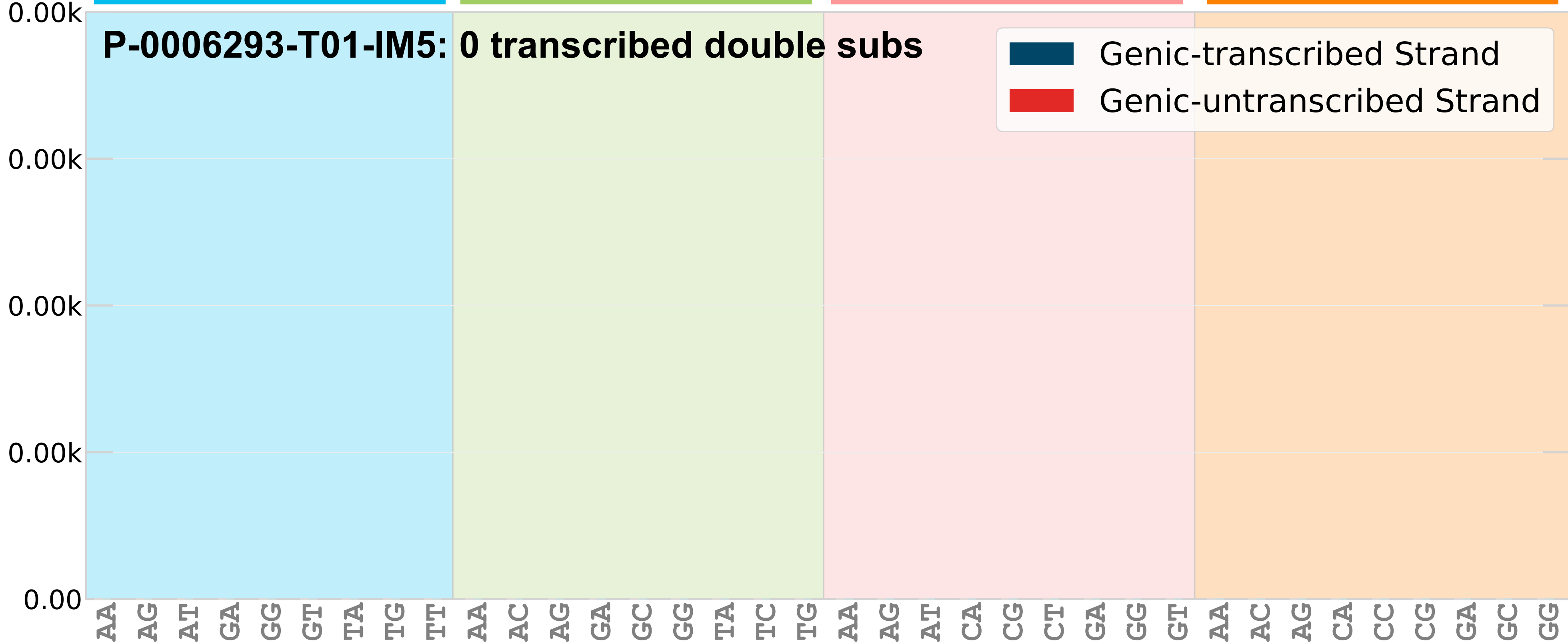
**TT>NN**



**TT>NN**

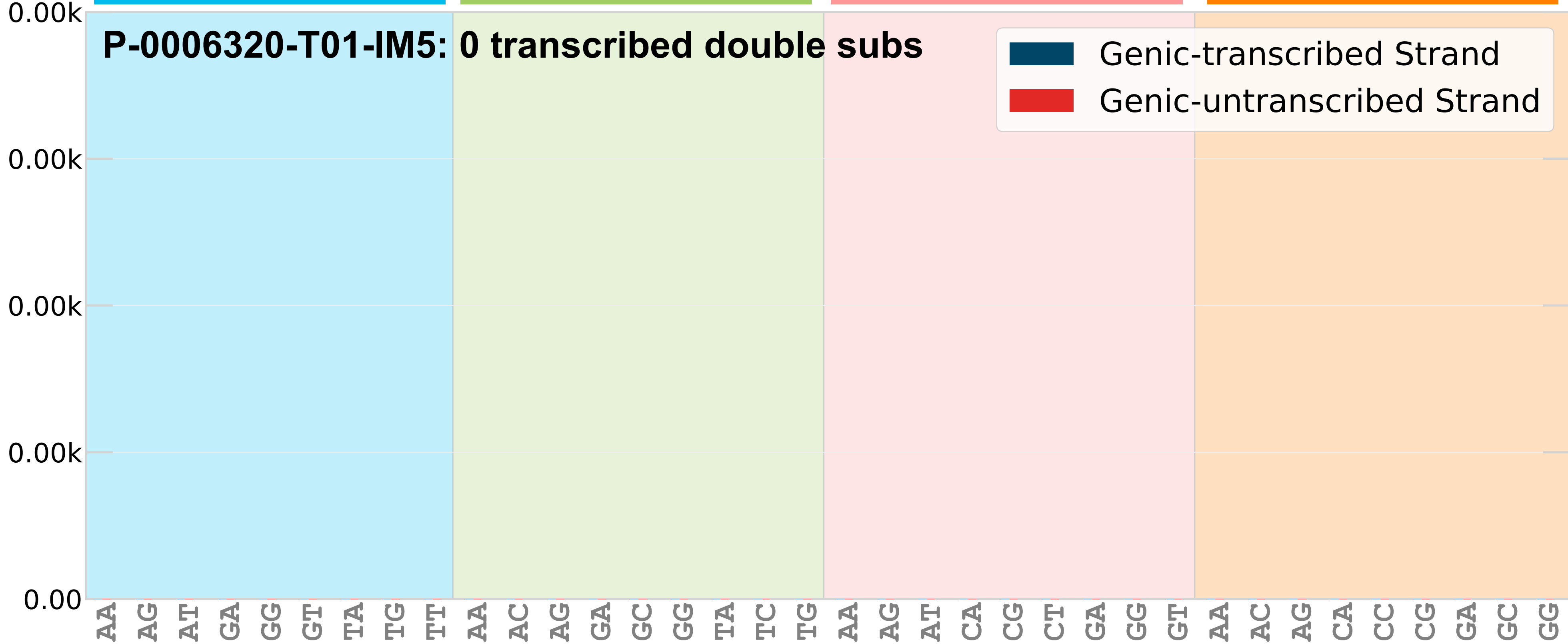


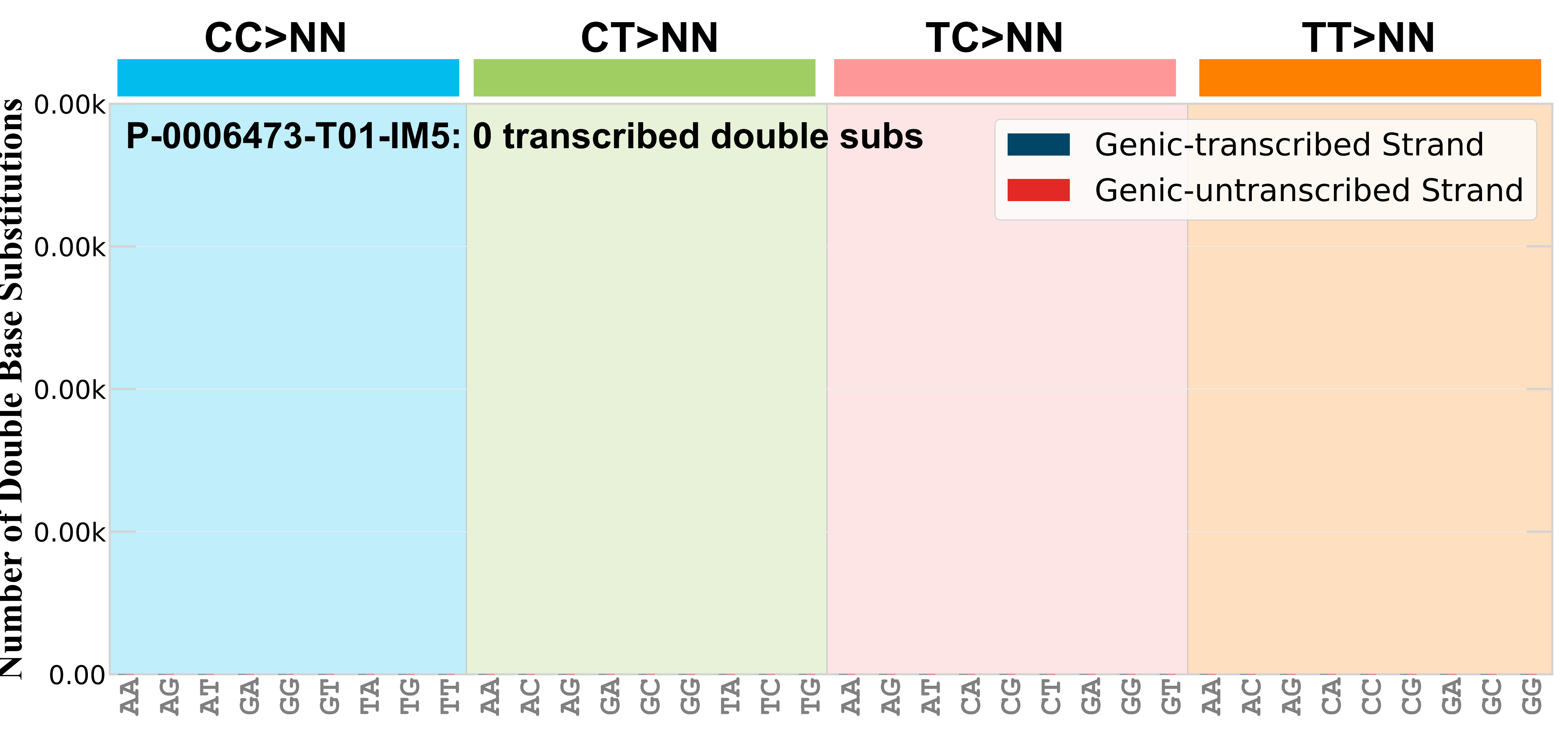
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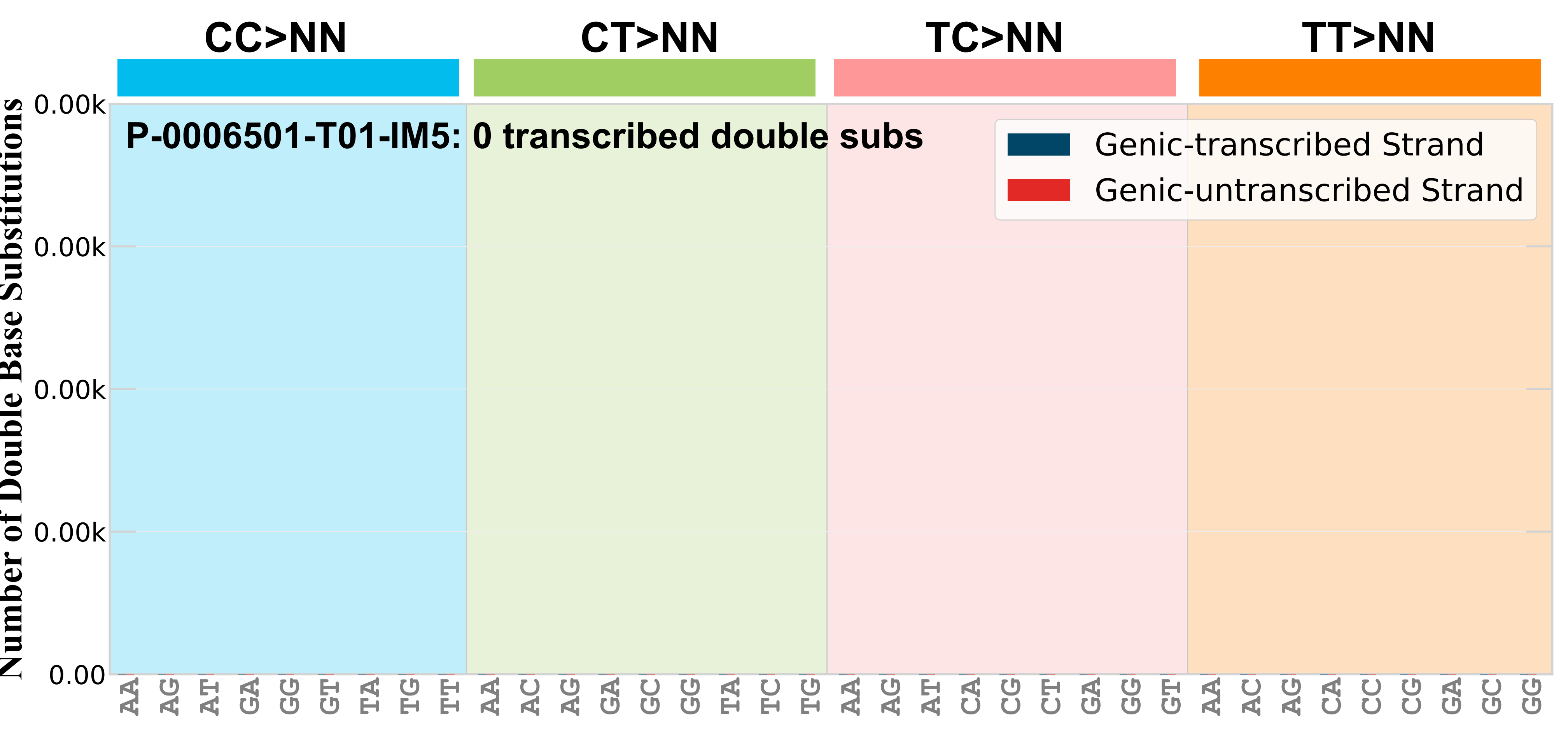


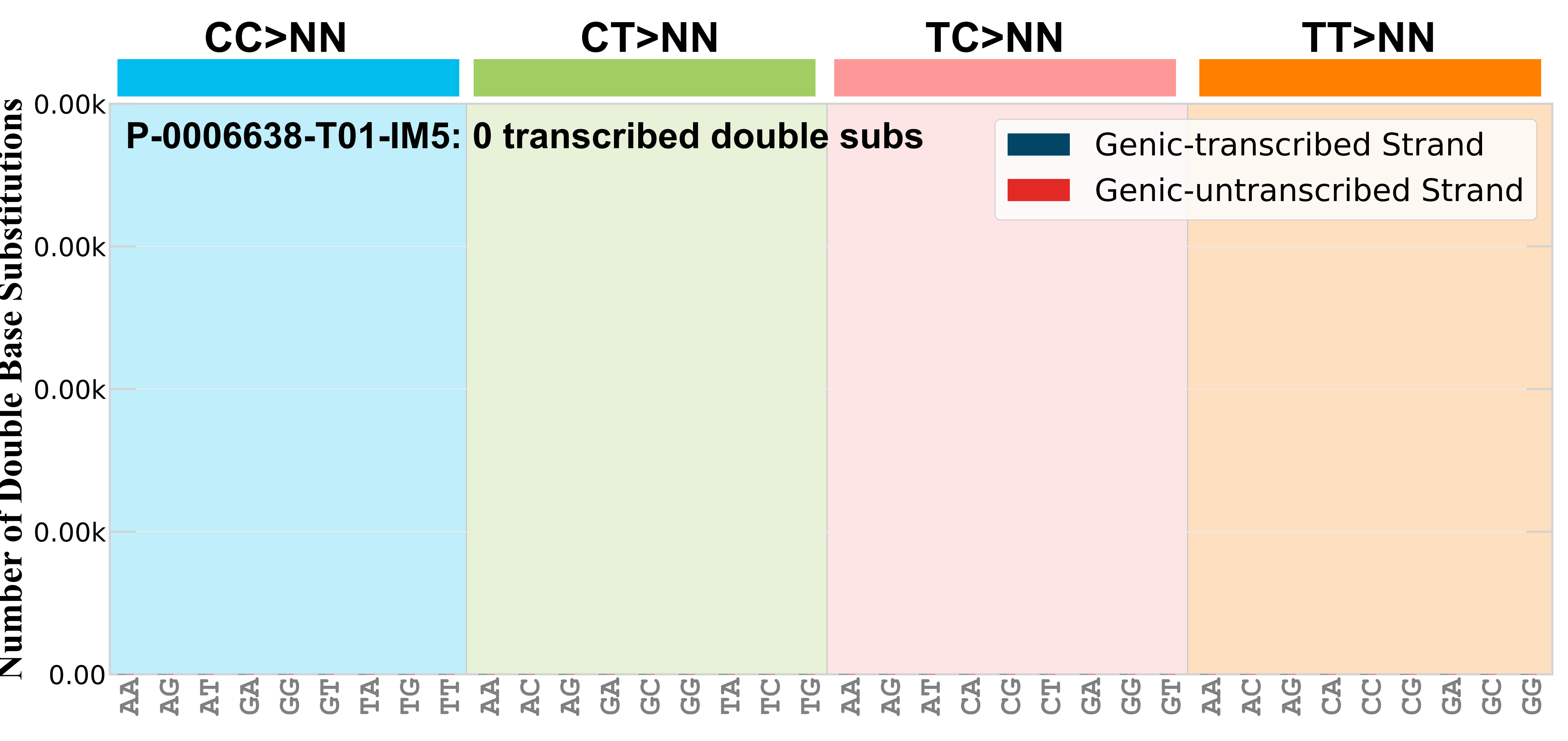
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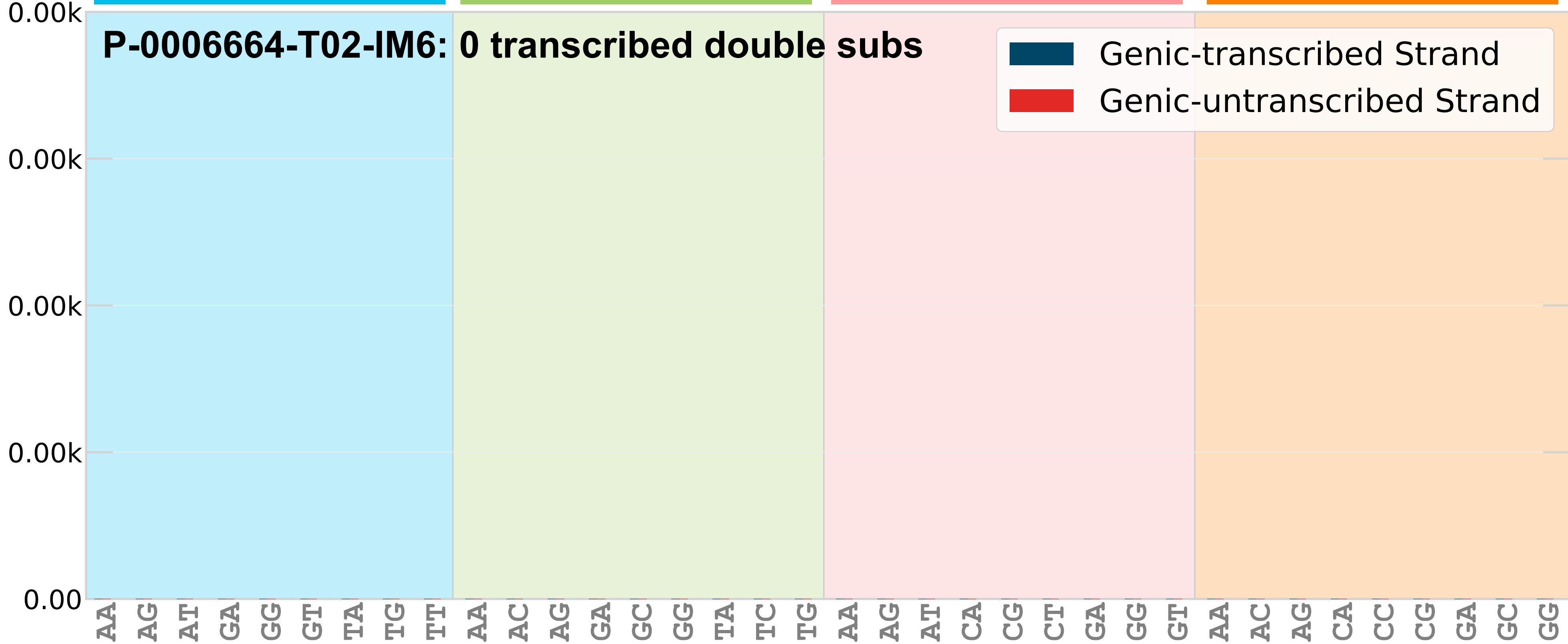






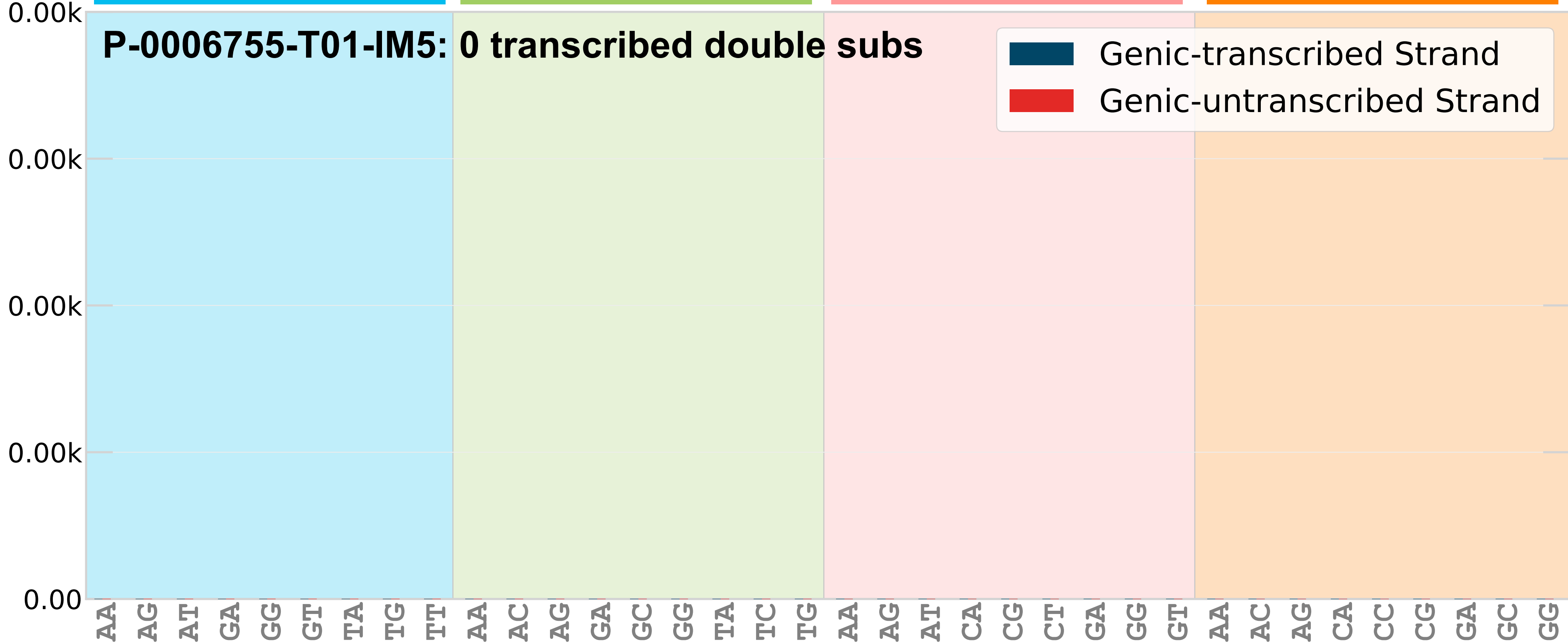


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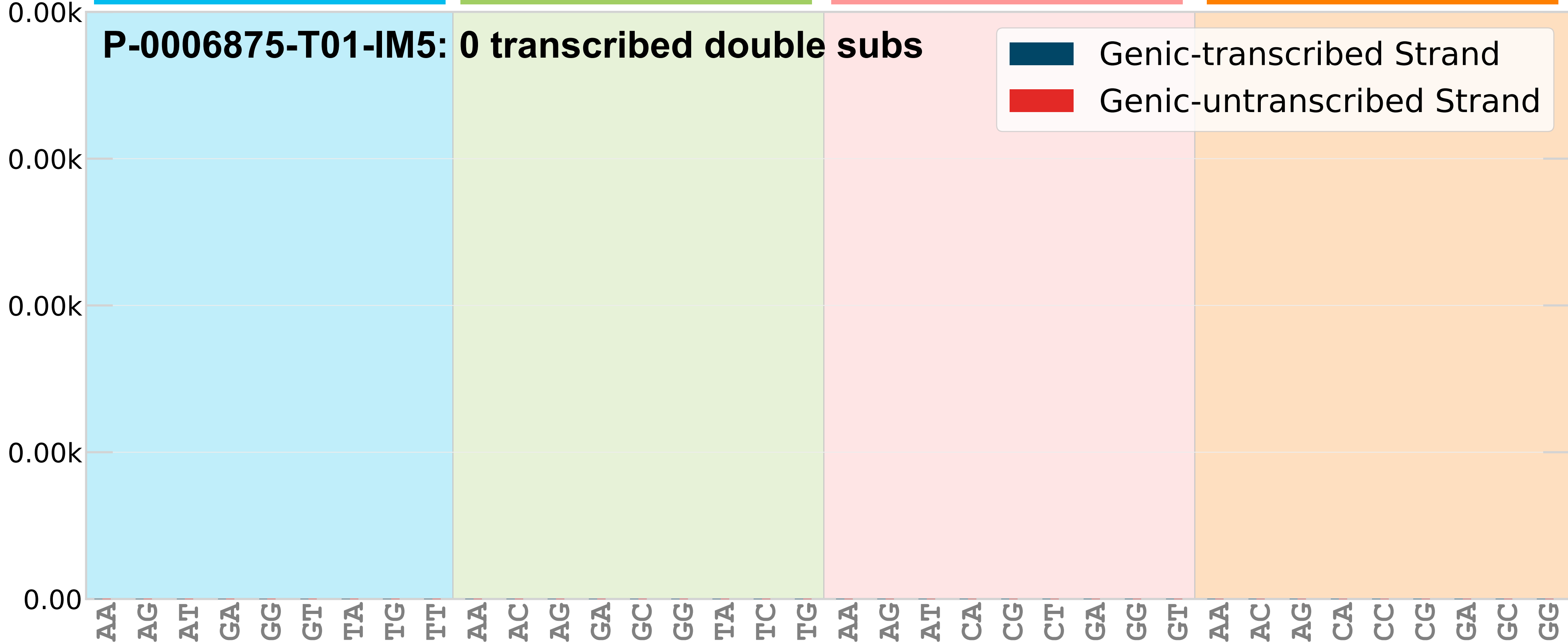


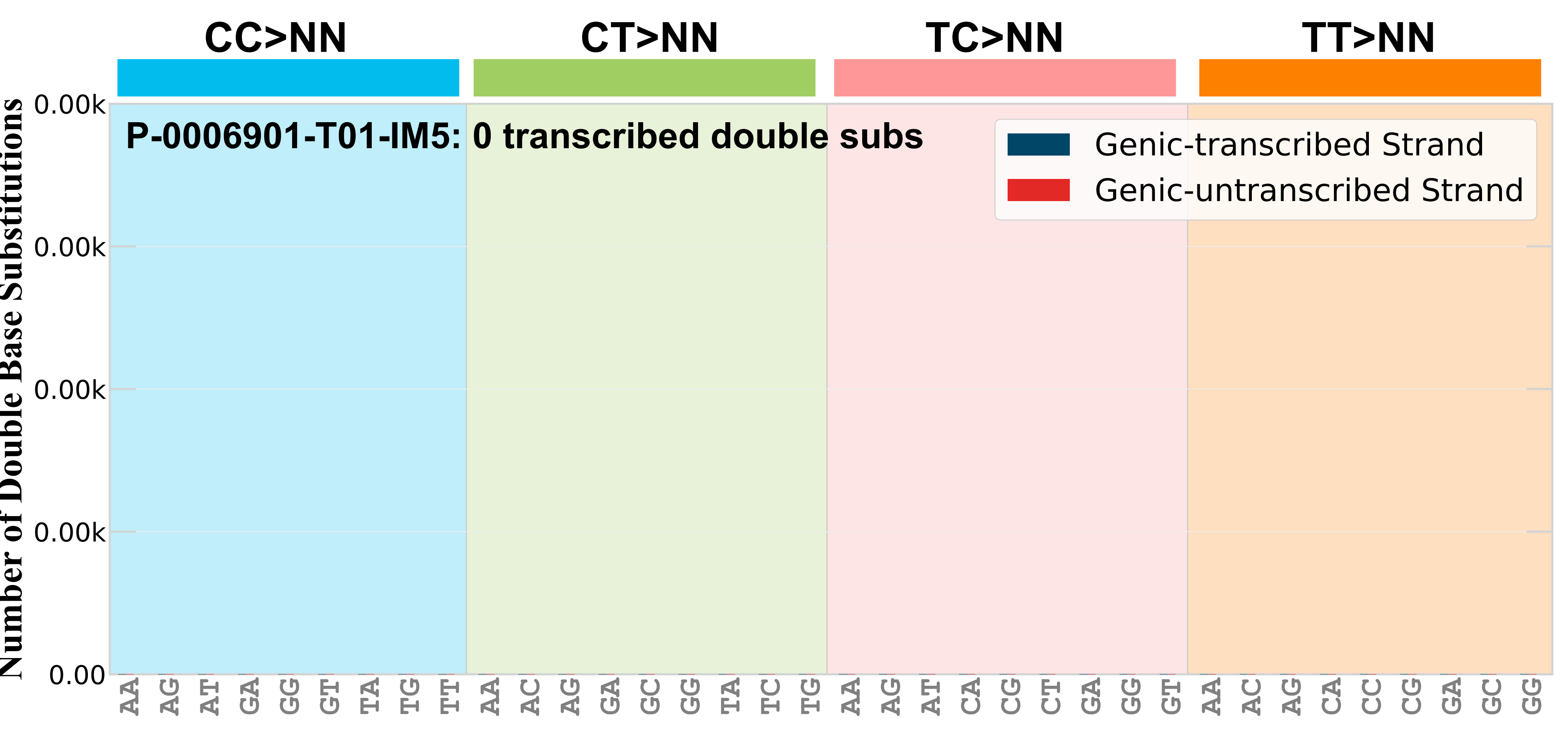


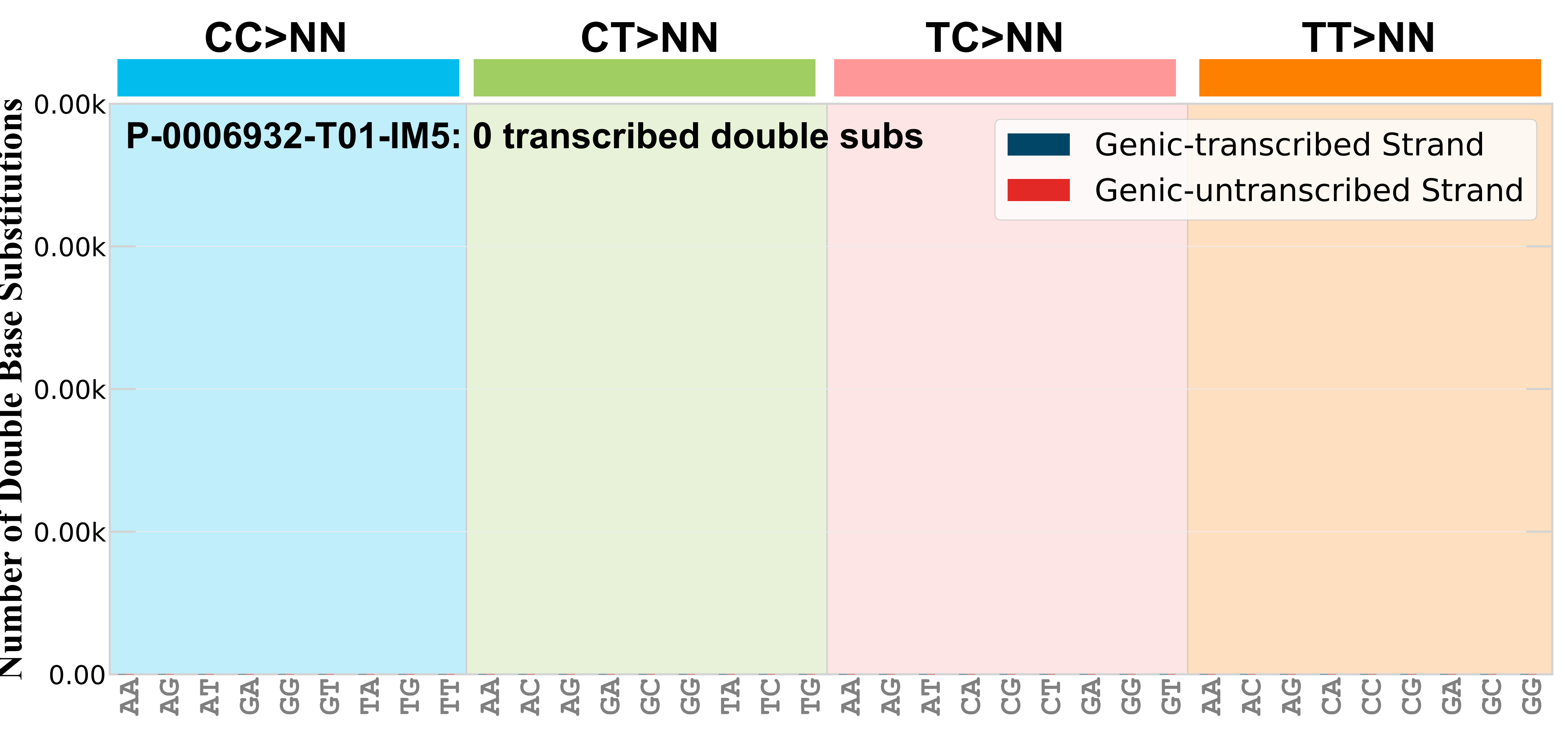
# TT>NN



**TT>NN**

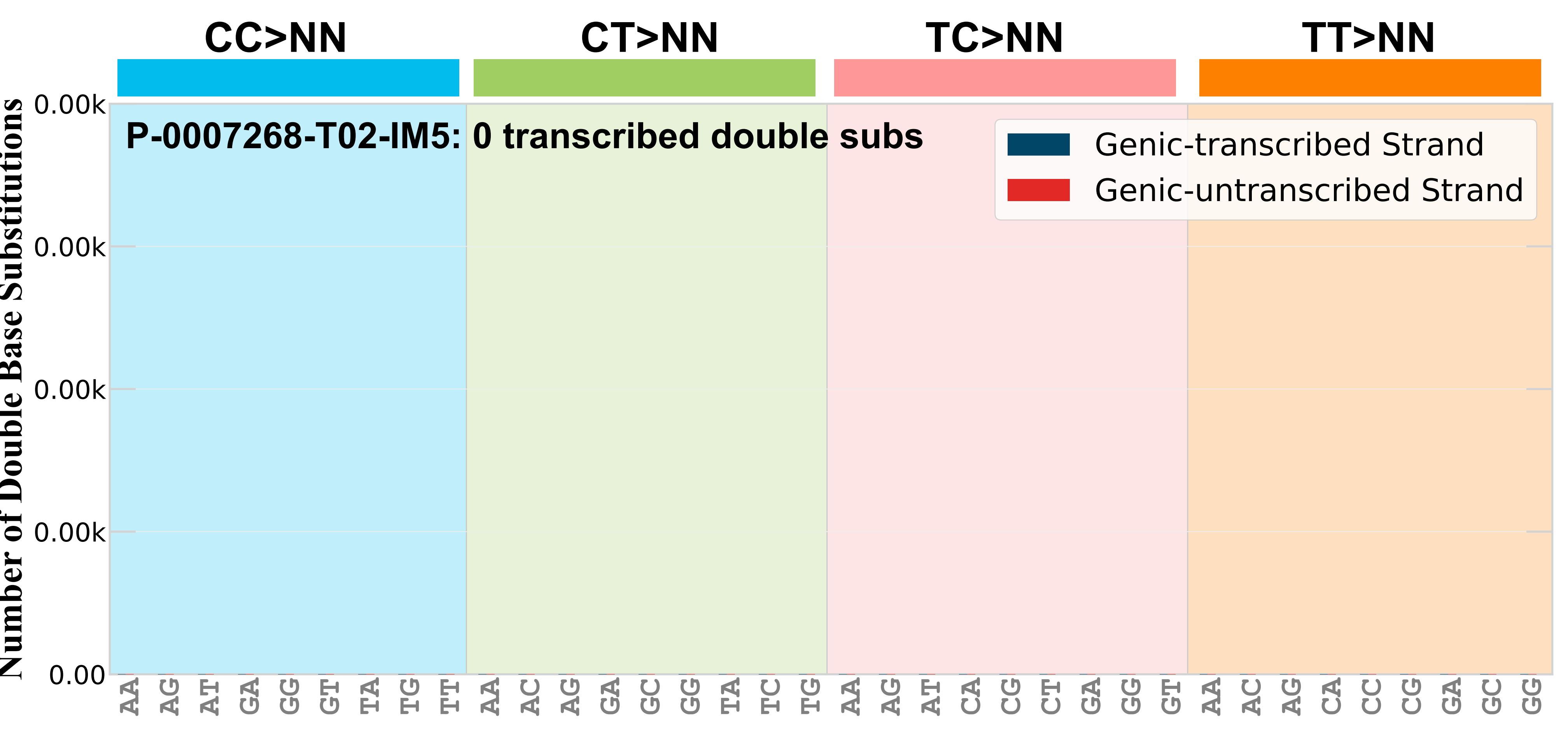


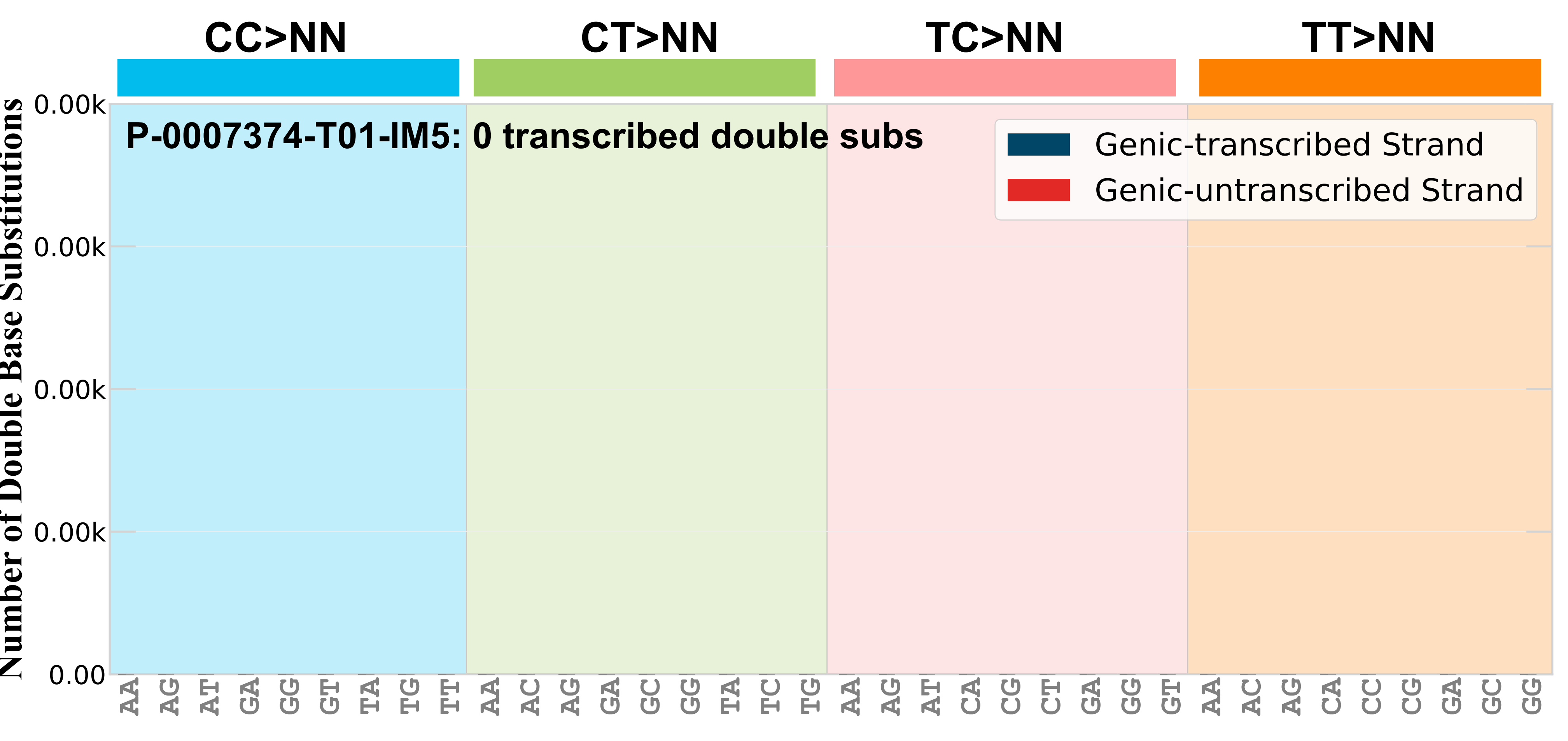




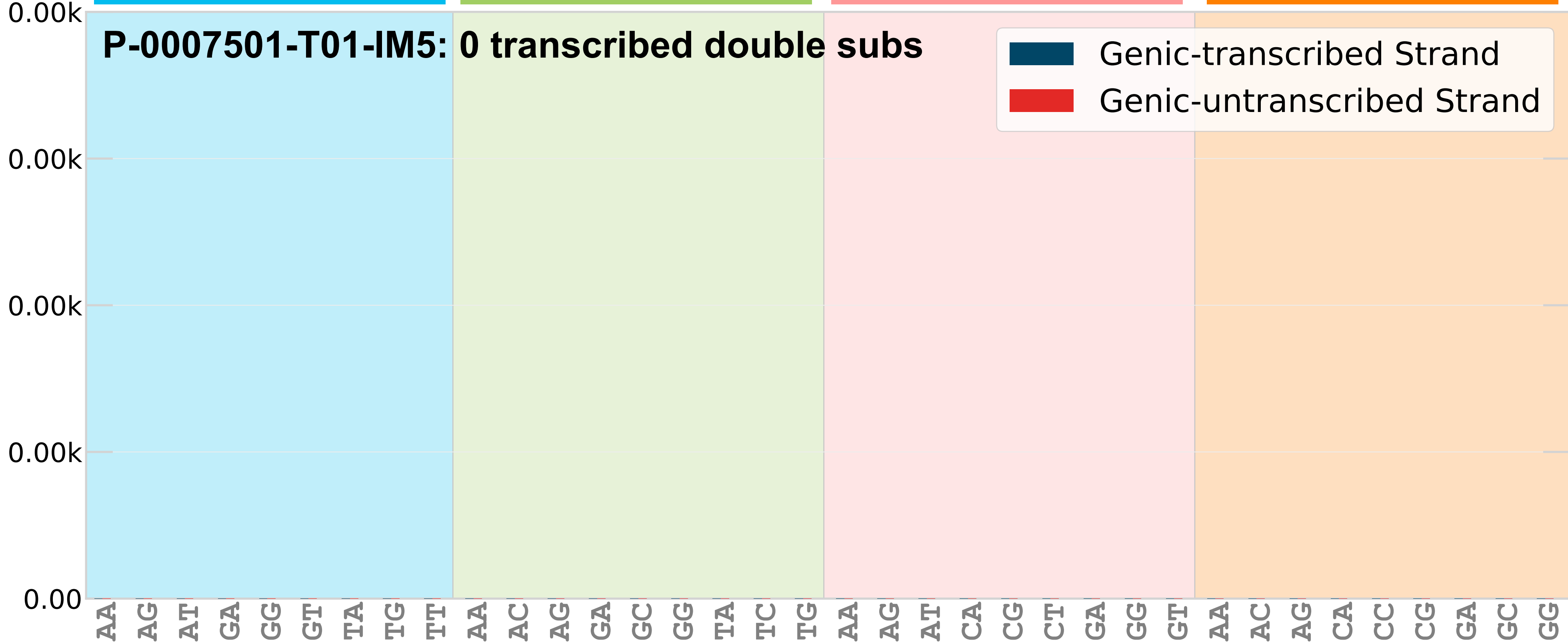




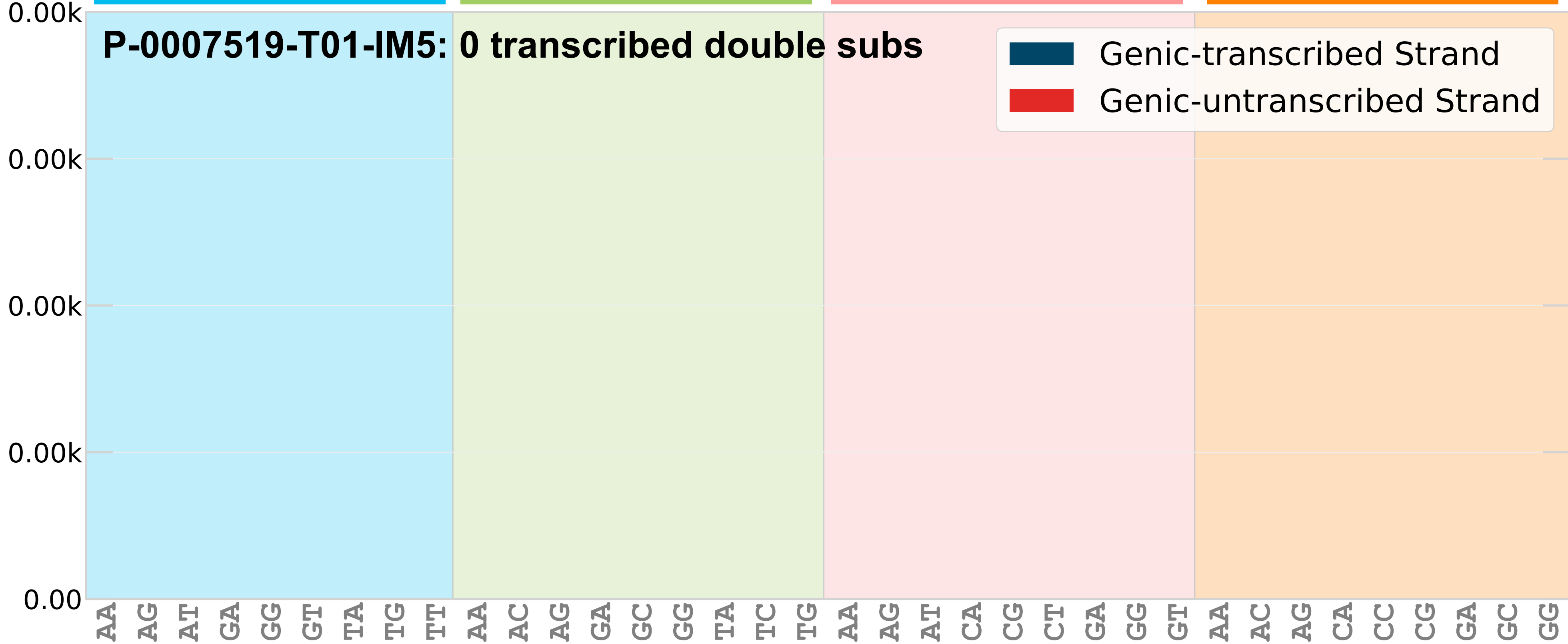




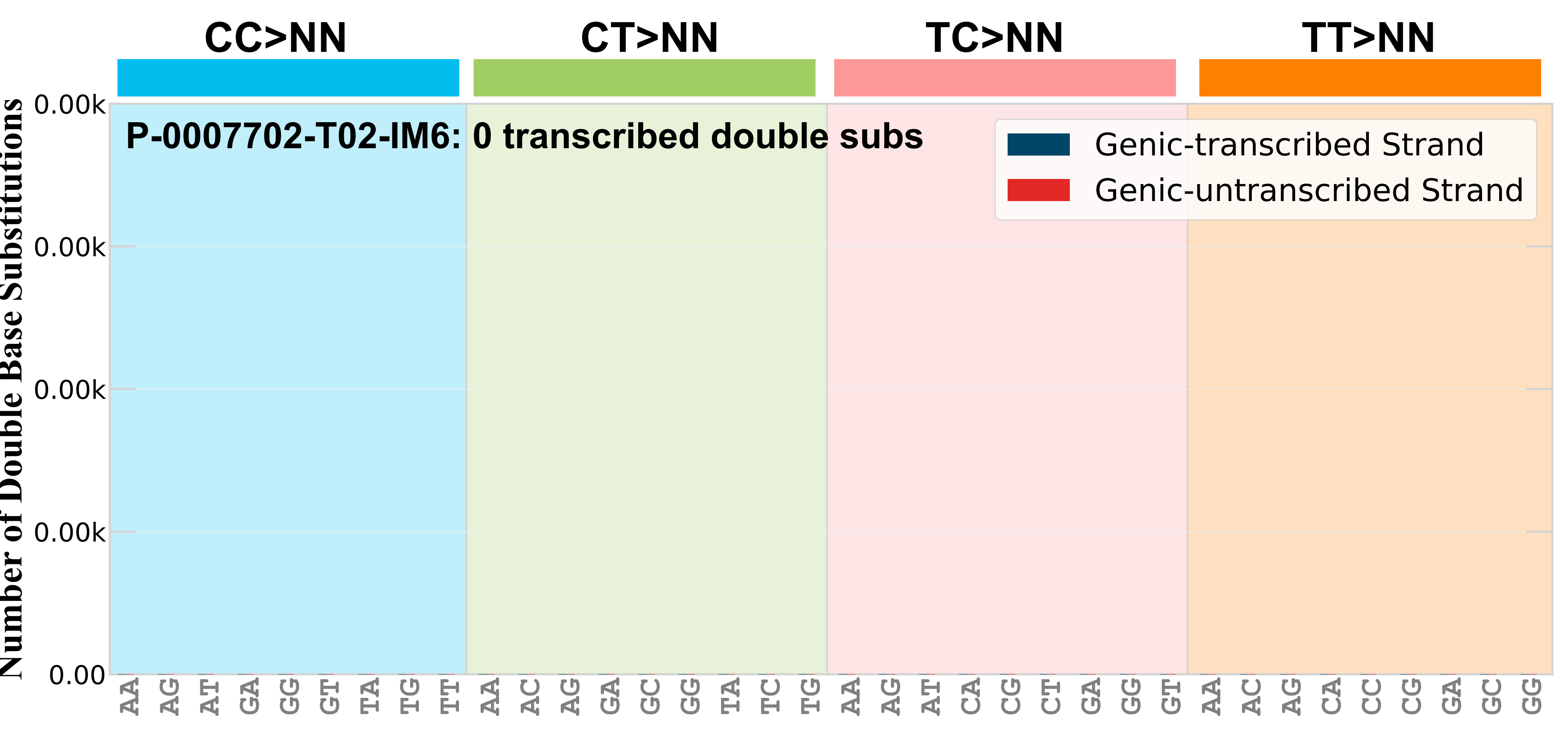
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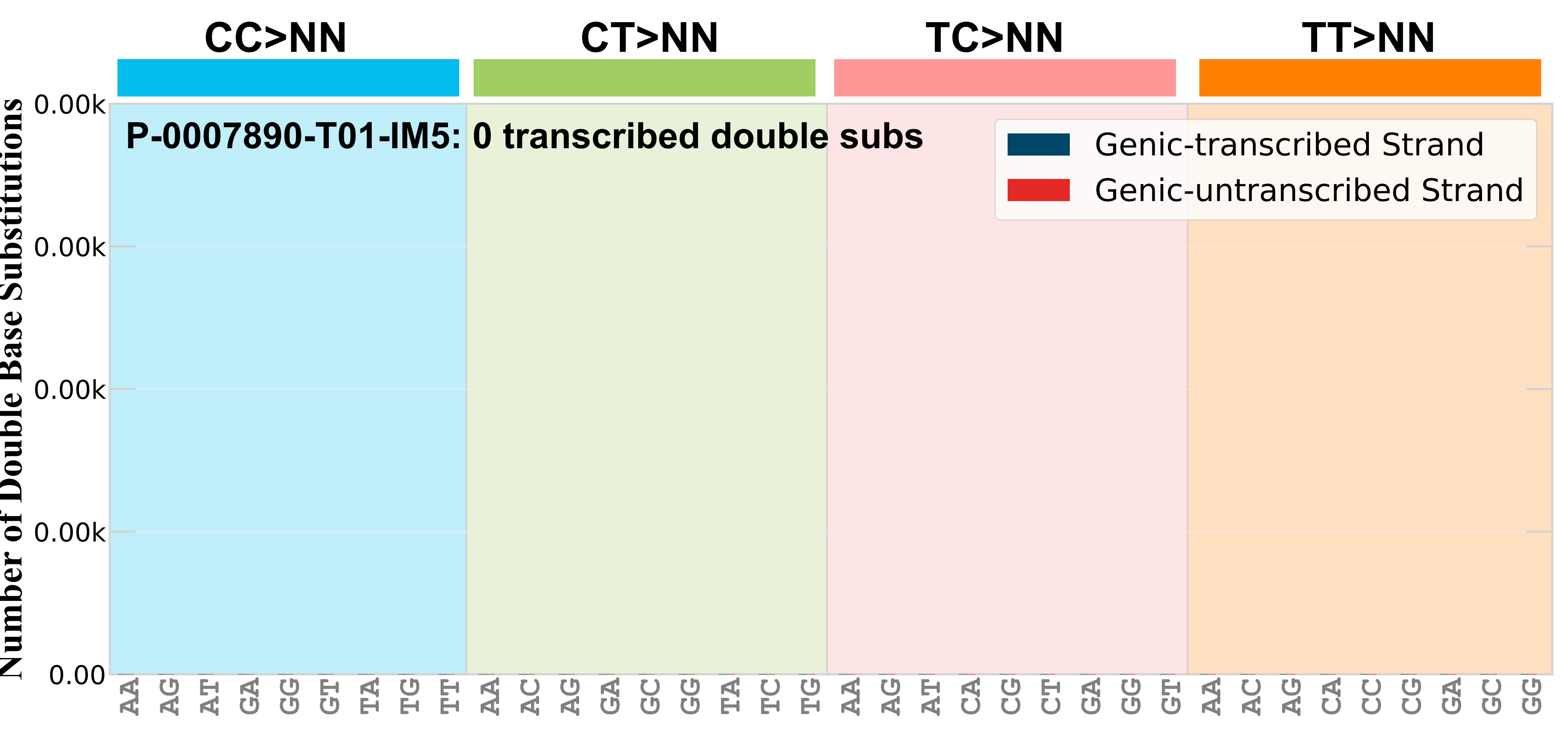


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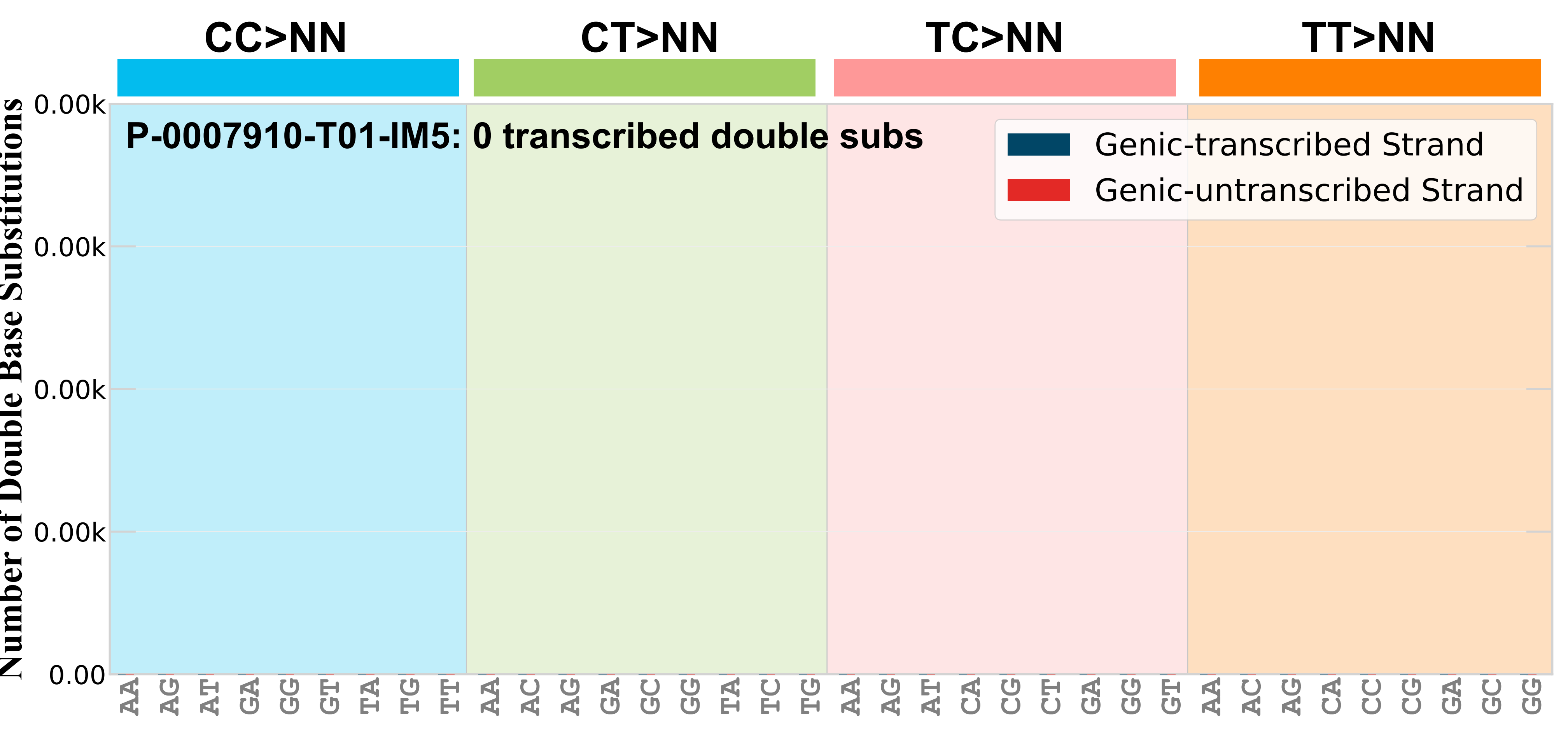




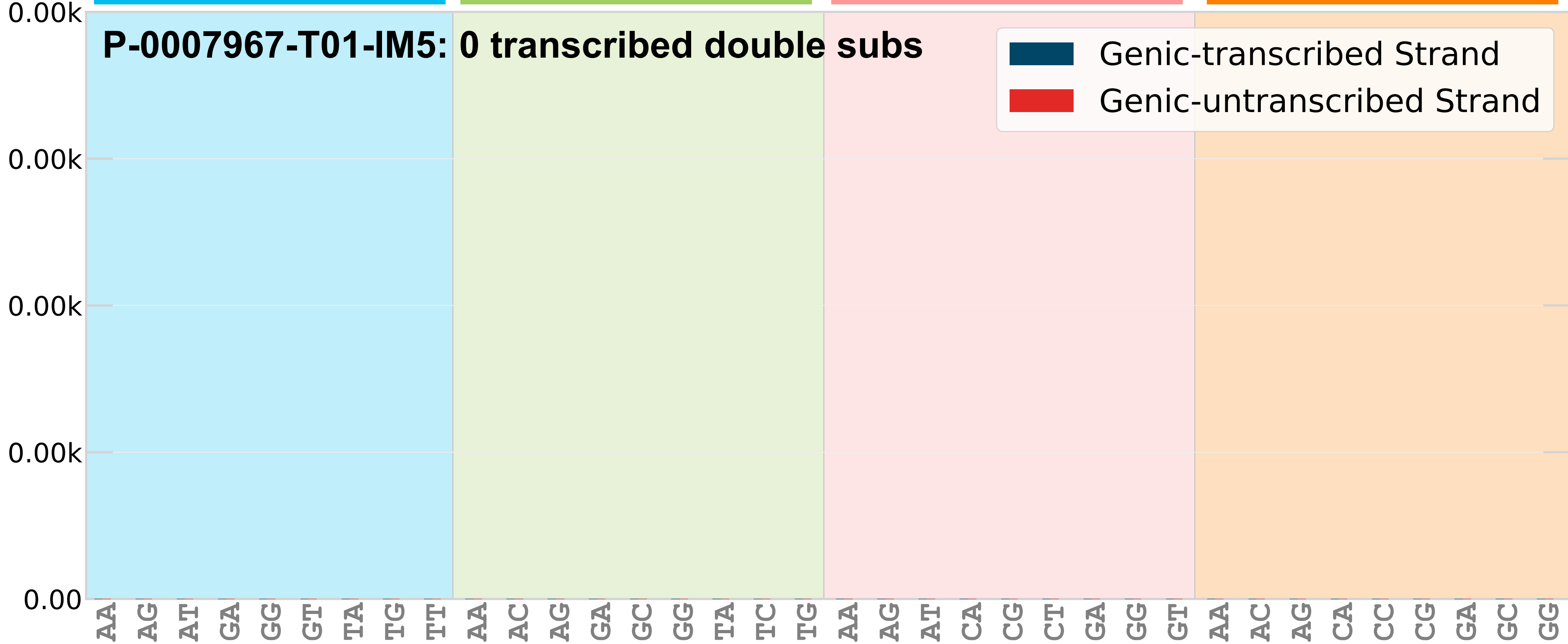






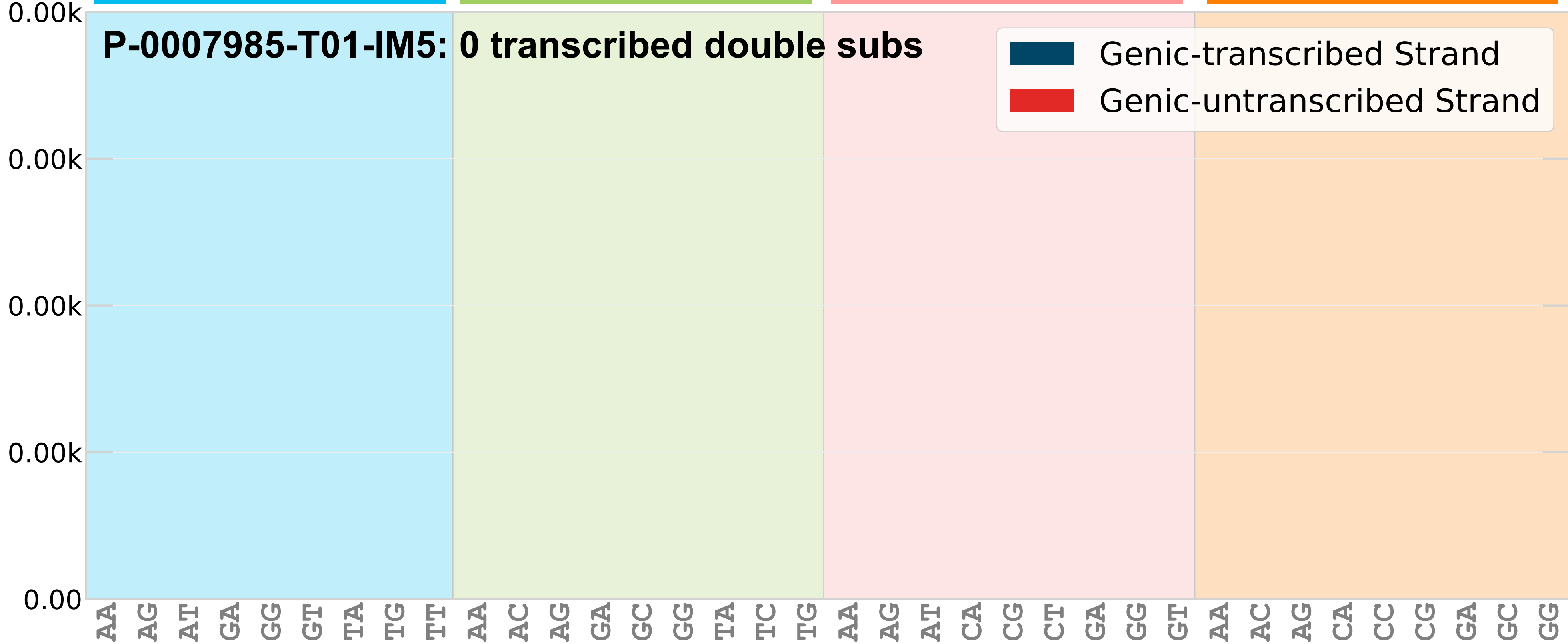


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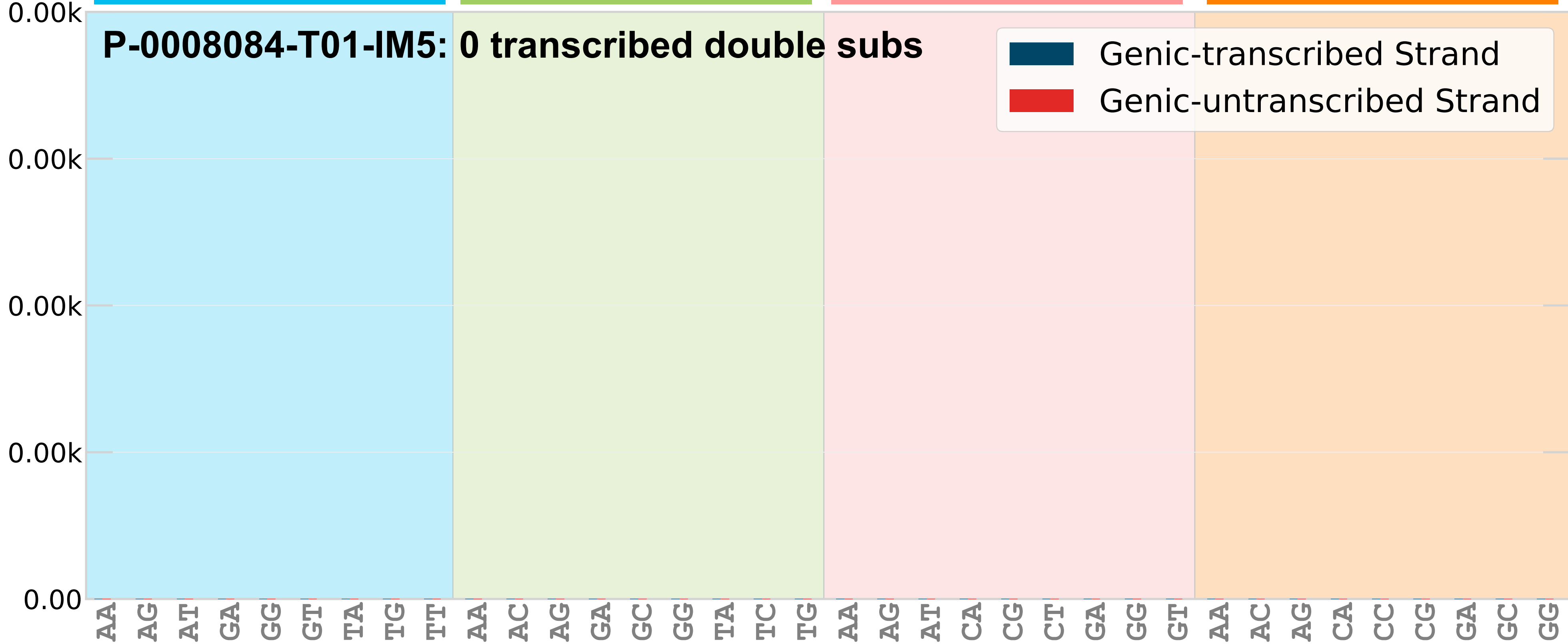


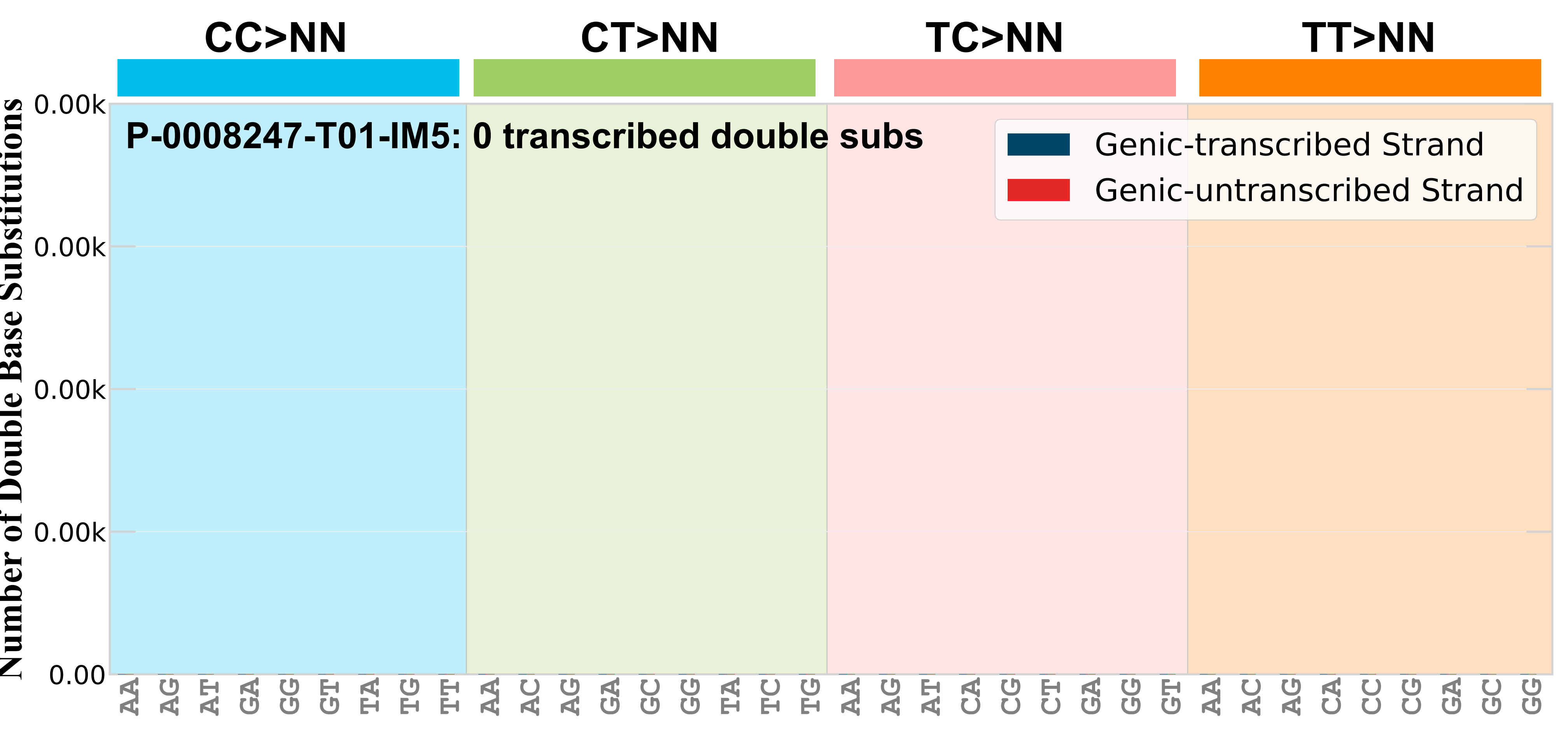


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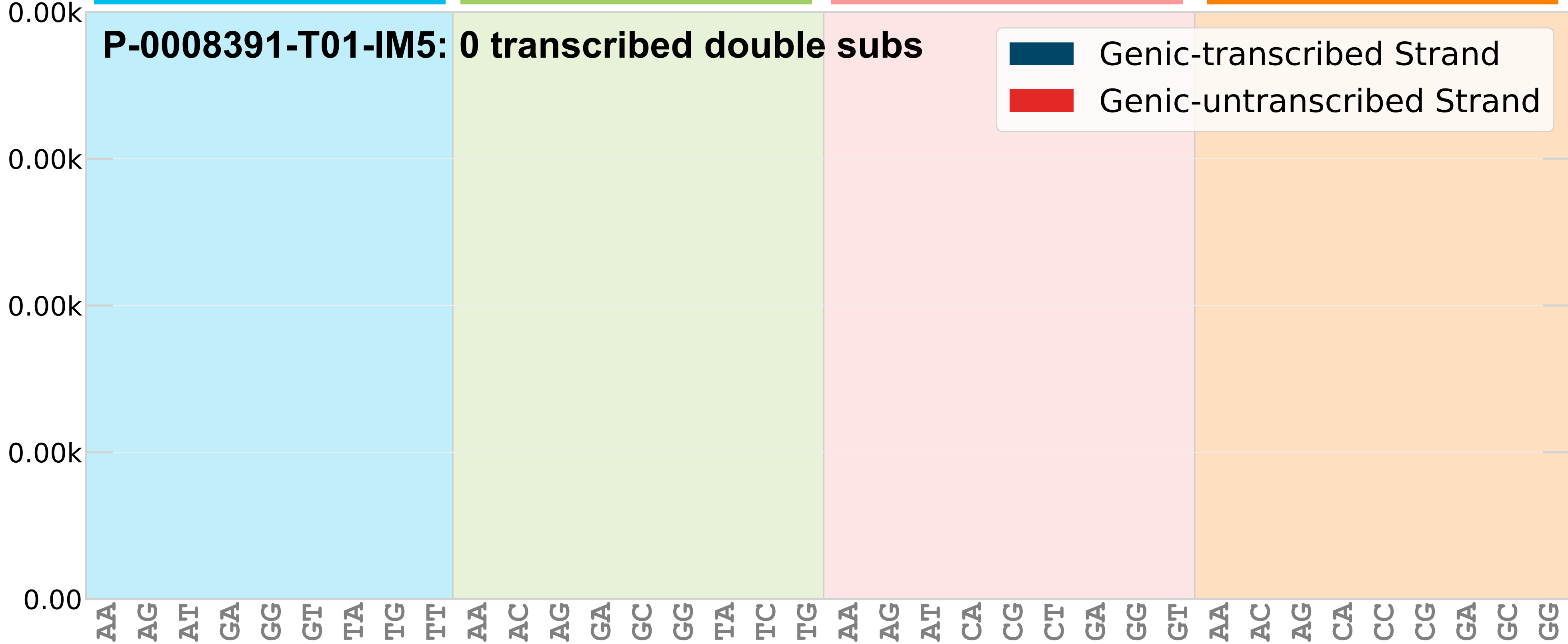


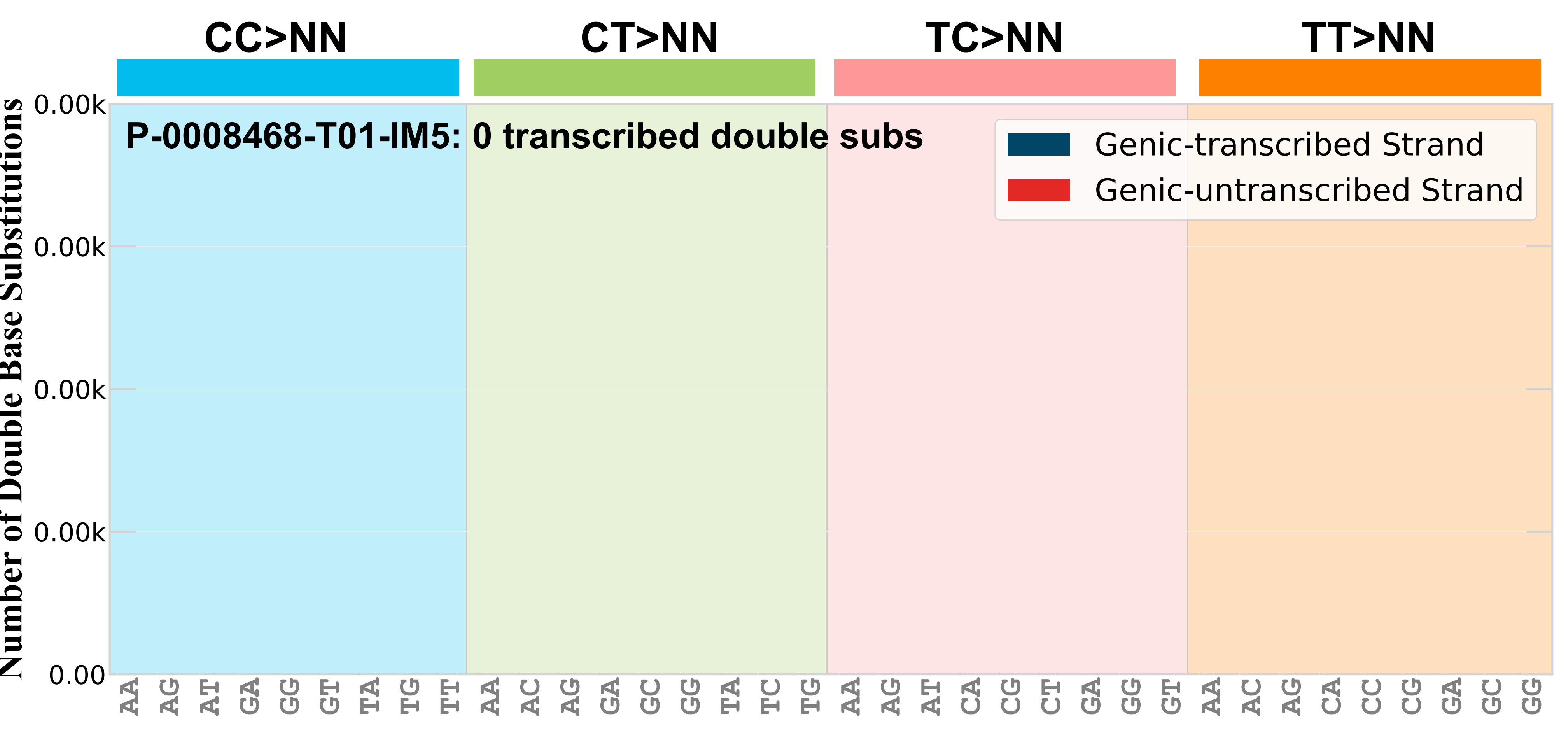
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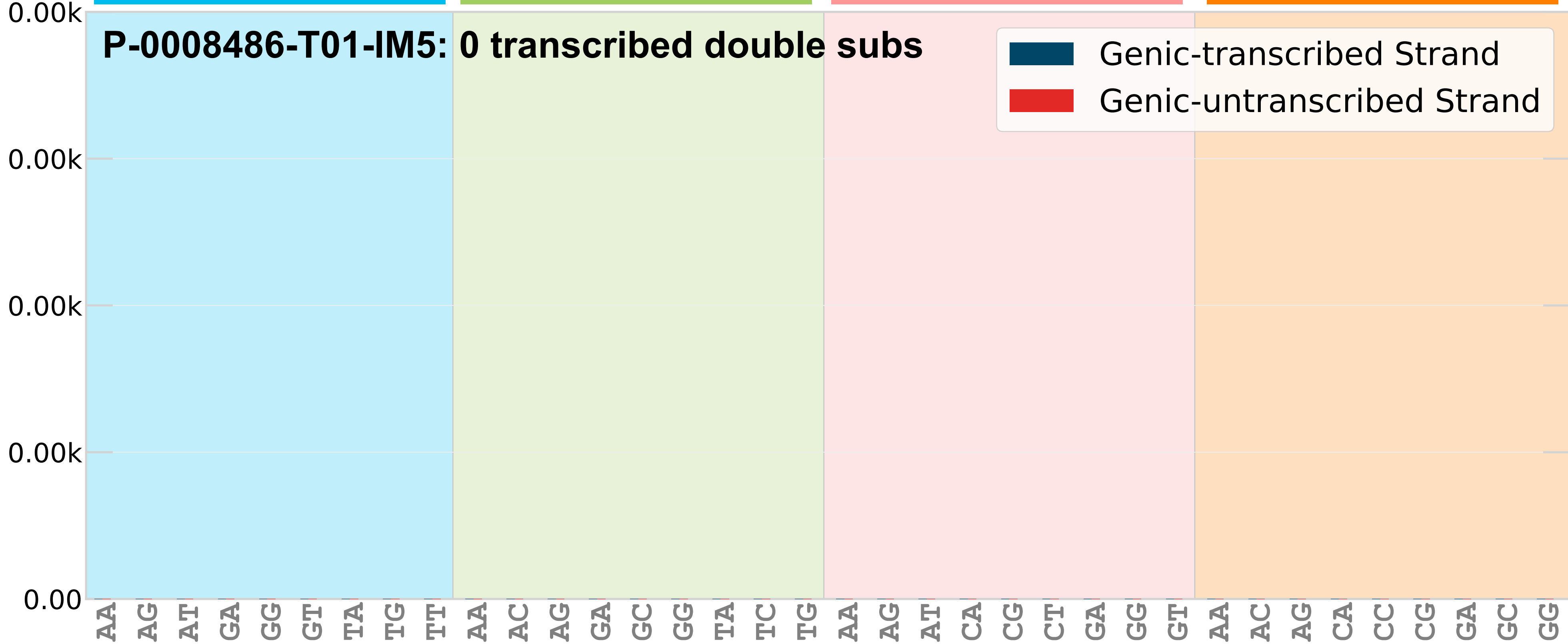
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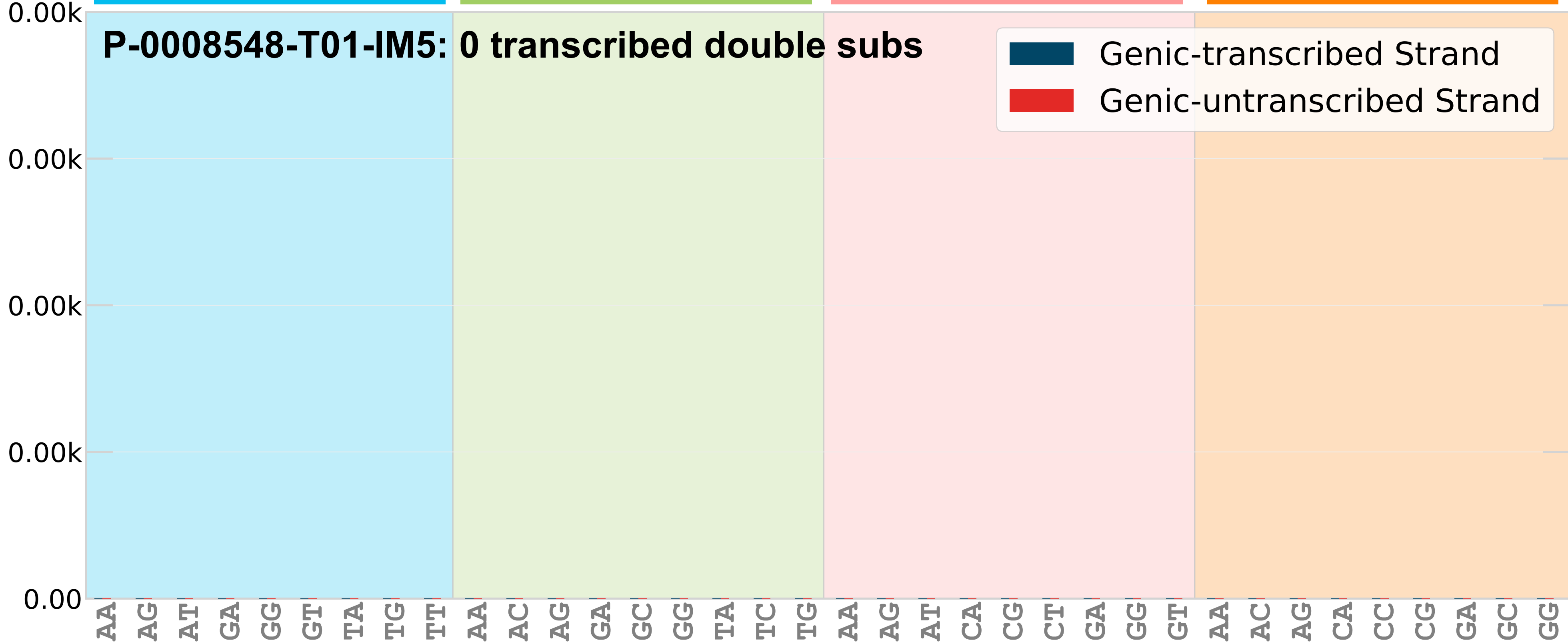




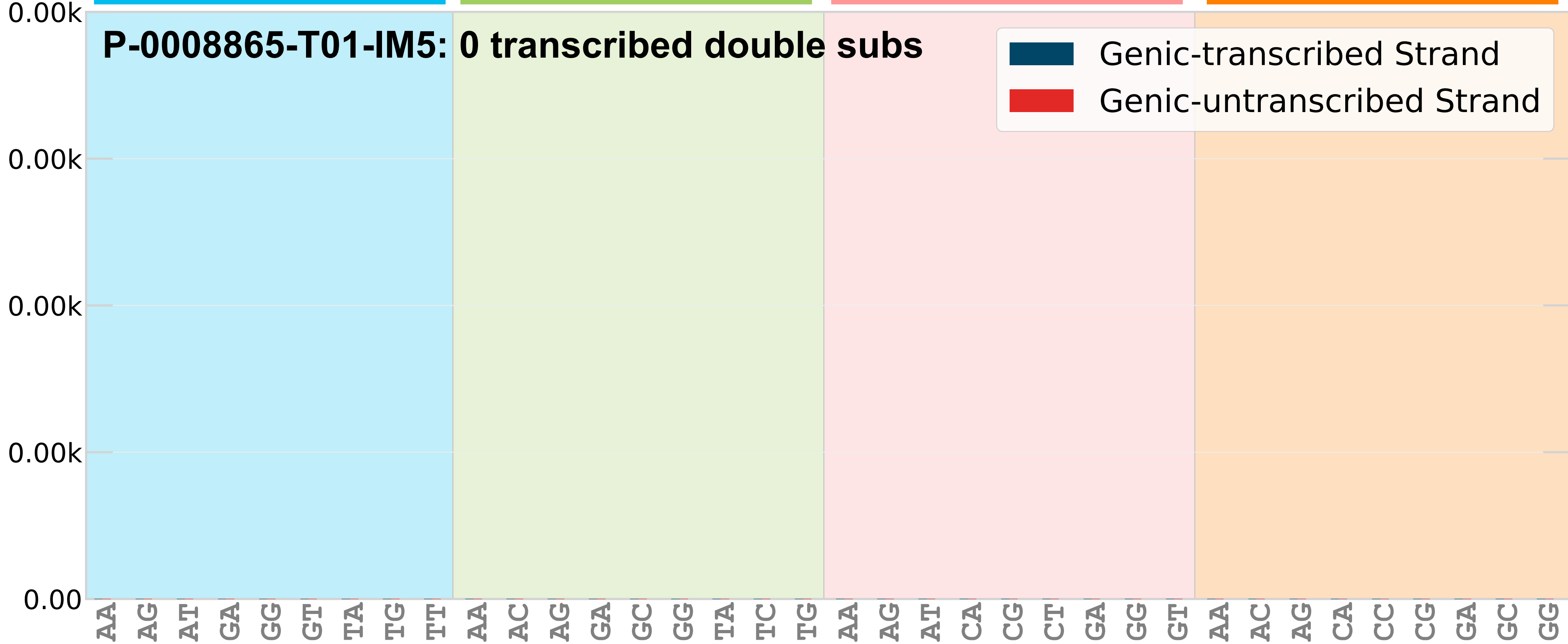
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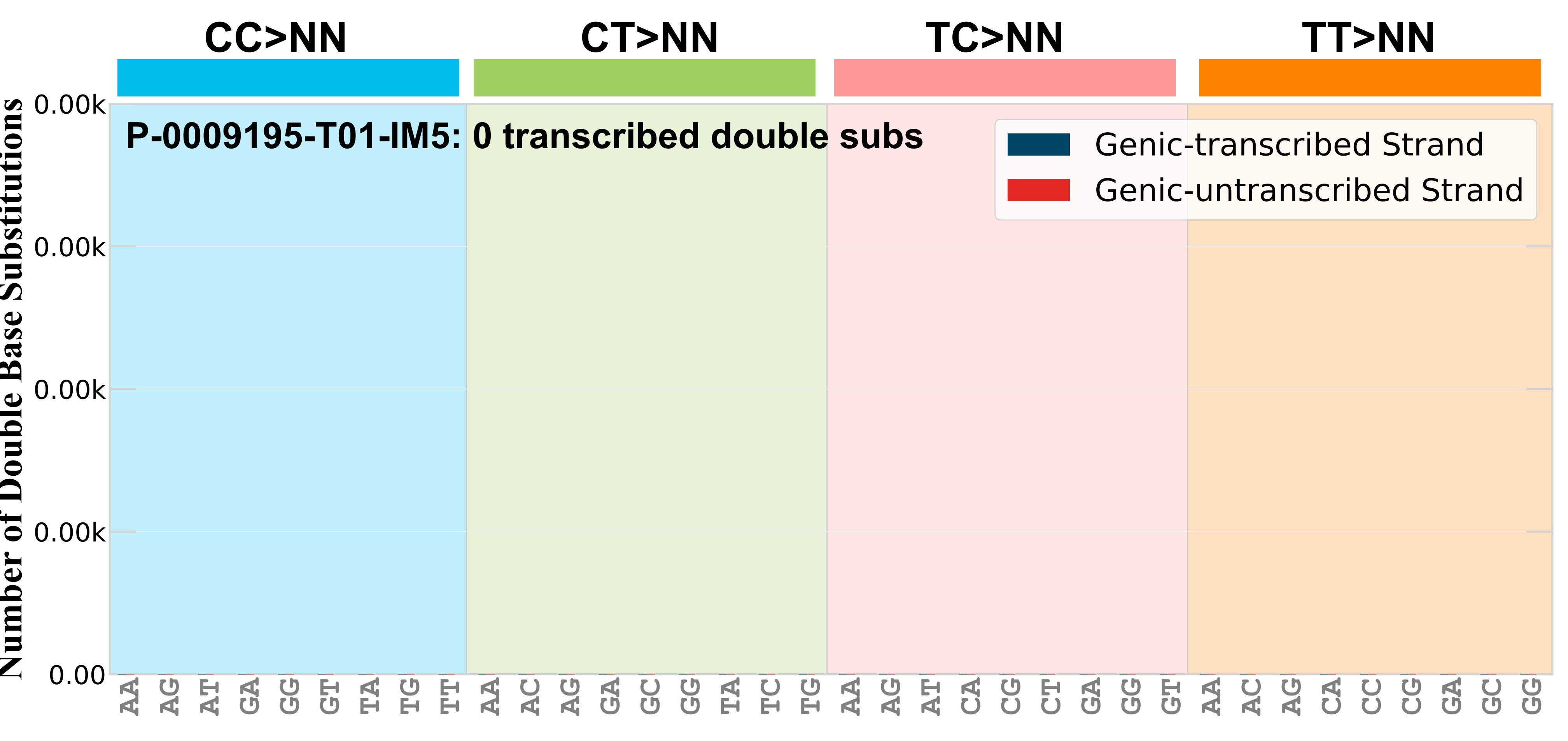
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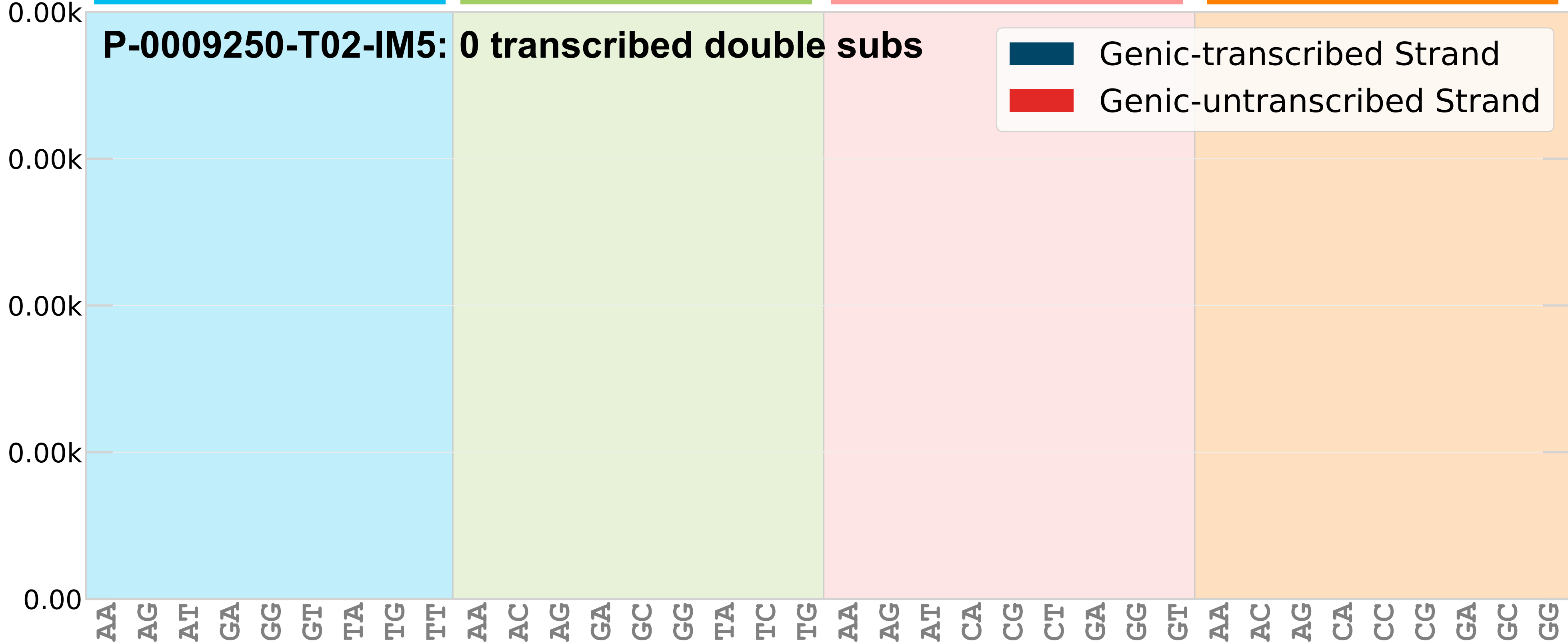
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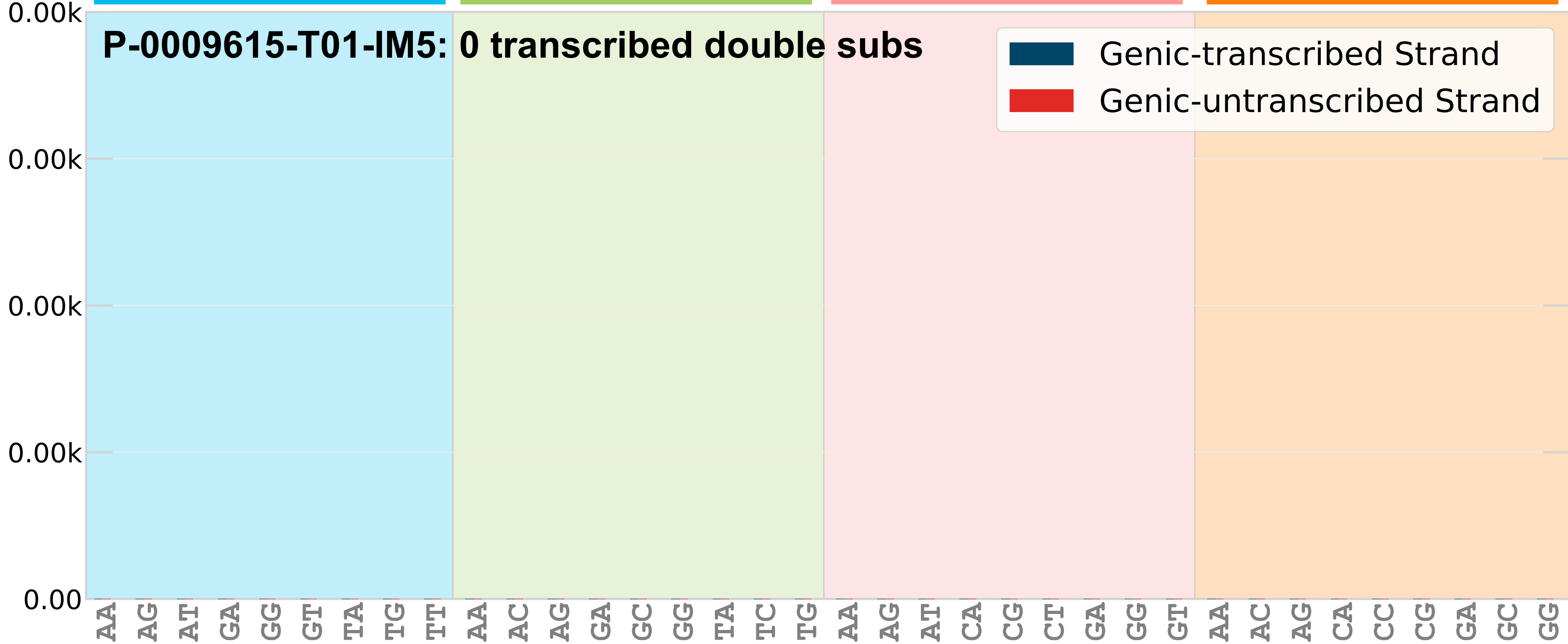


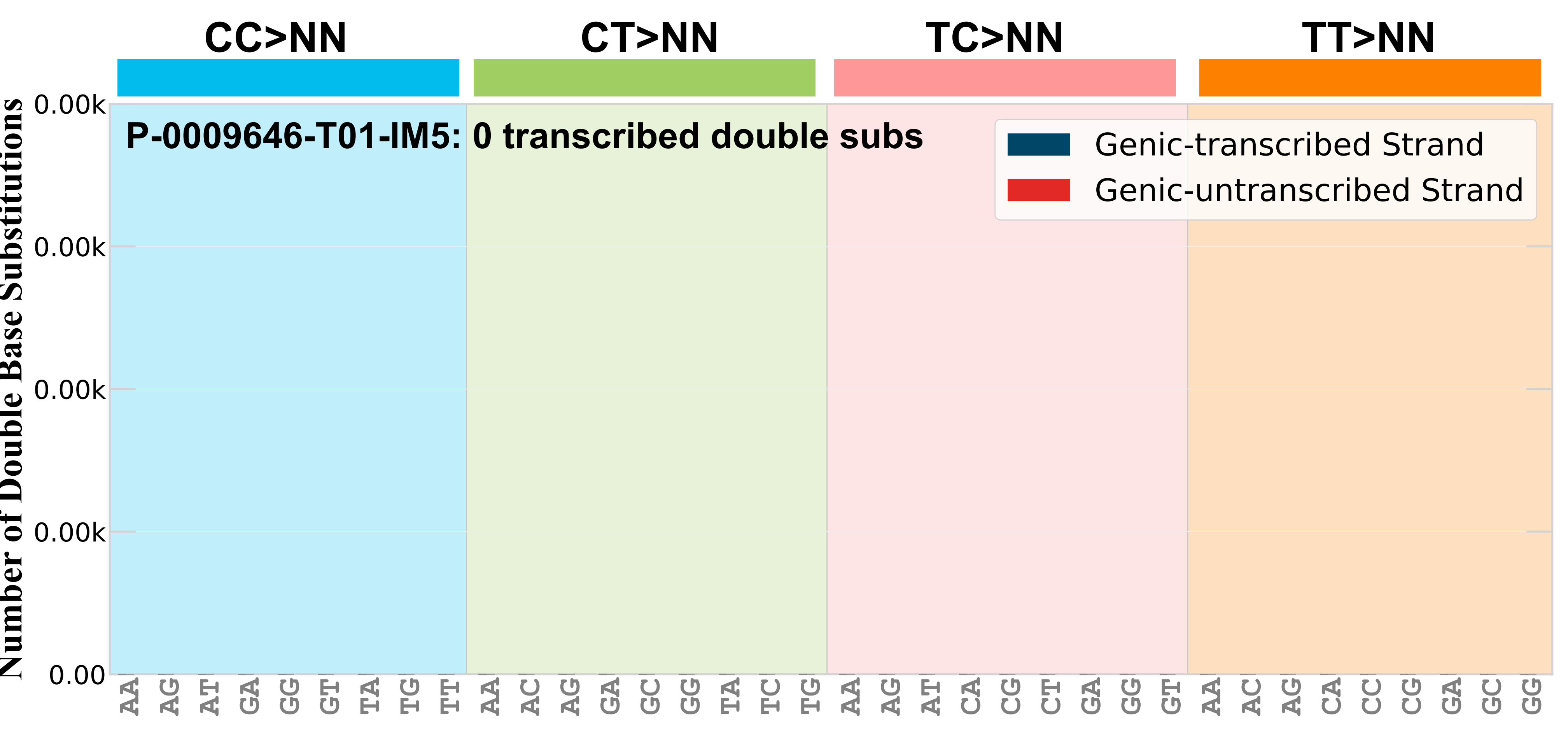


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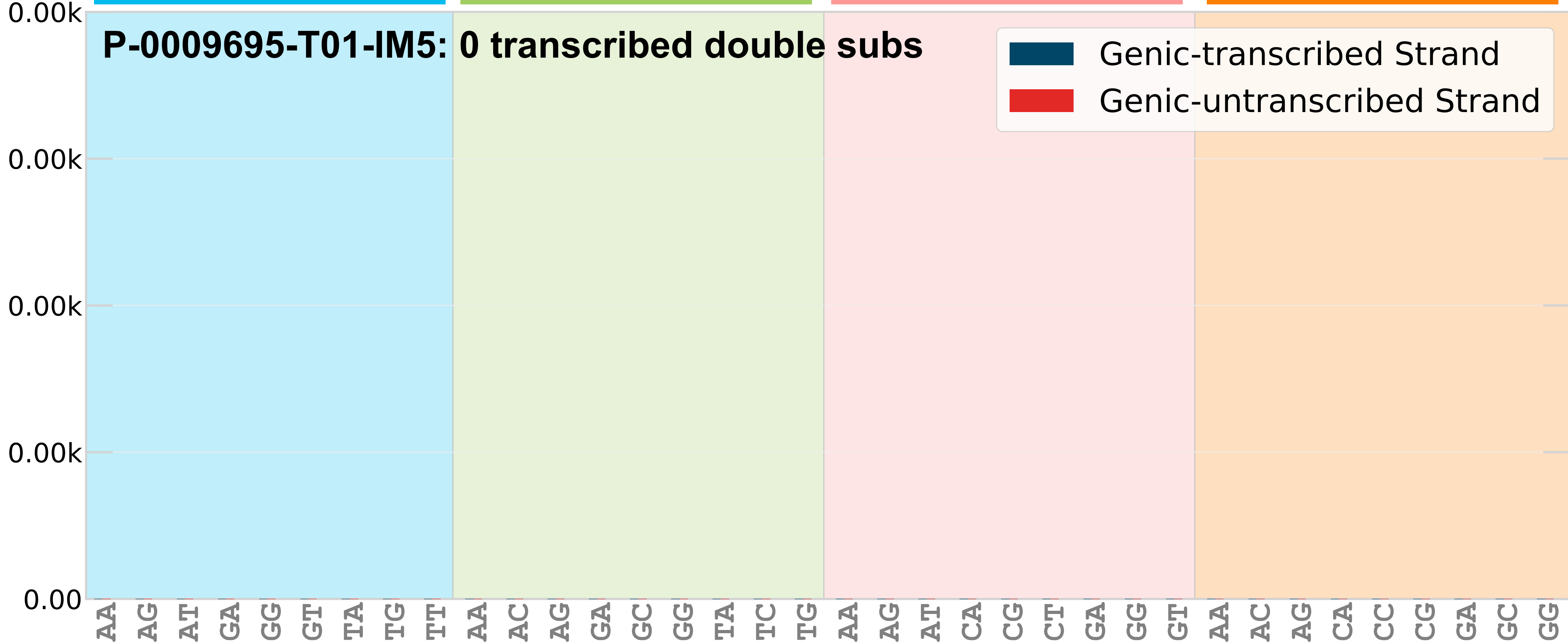
**TT>NN**

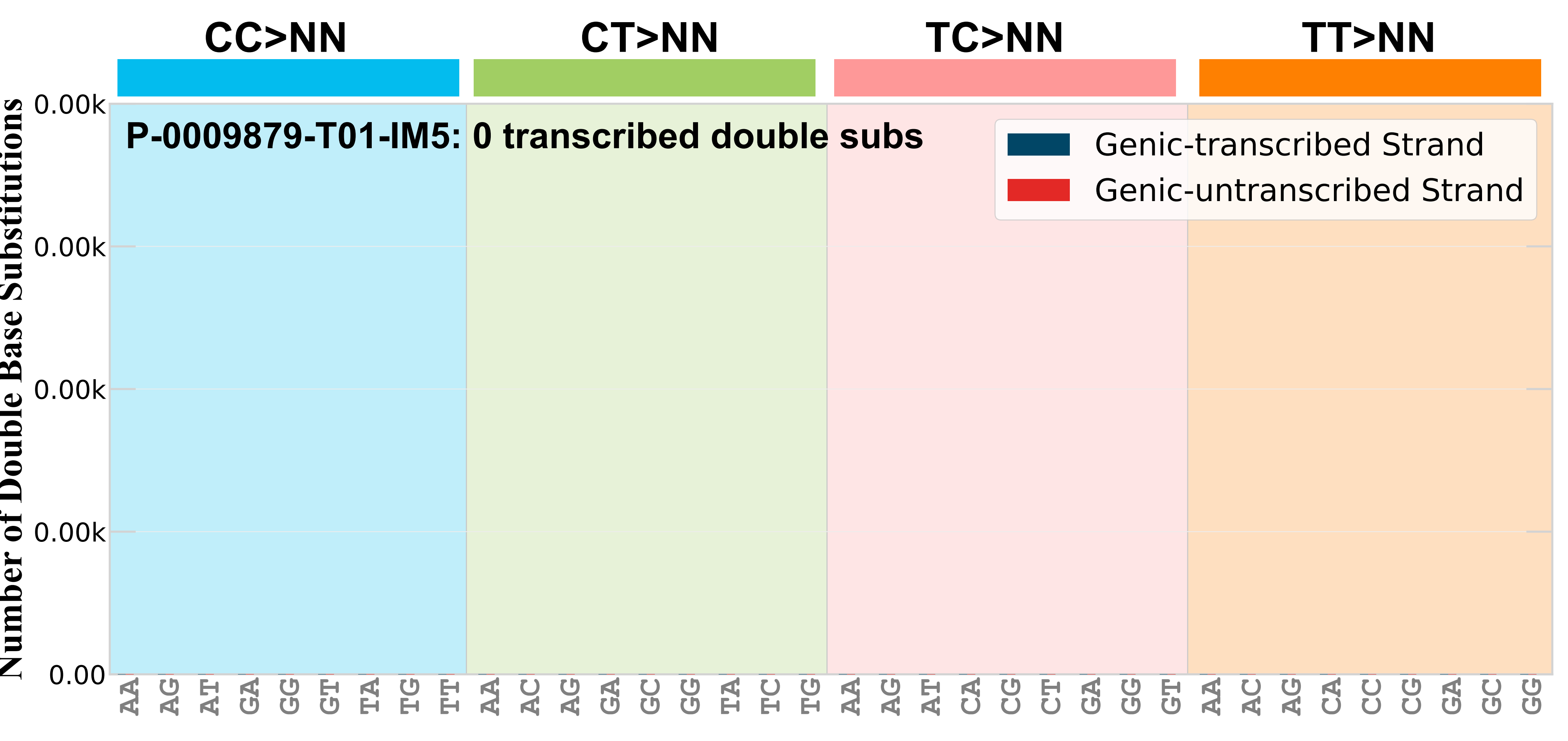






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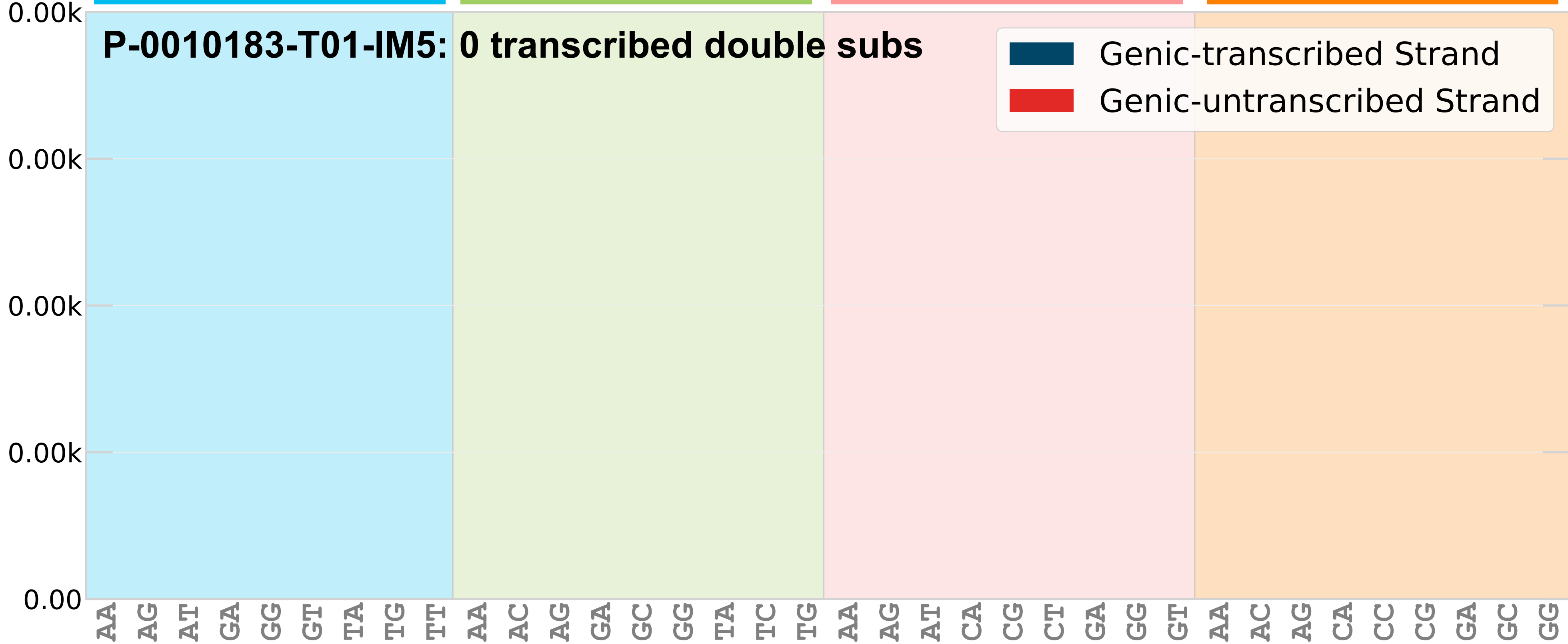








# TT>NN



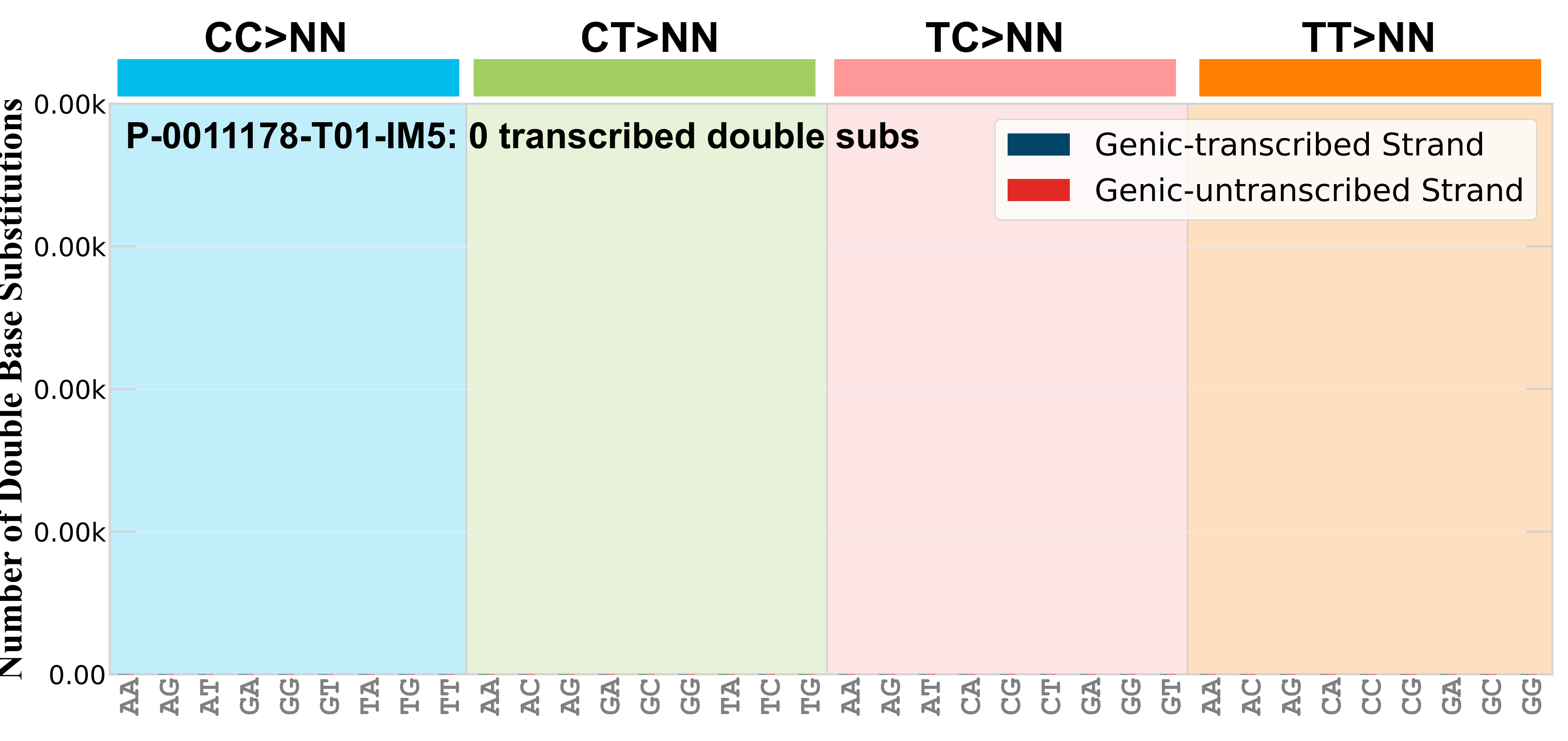


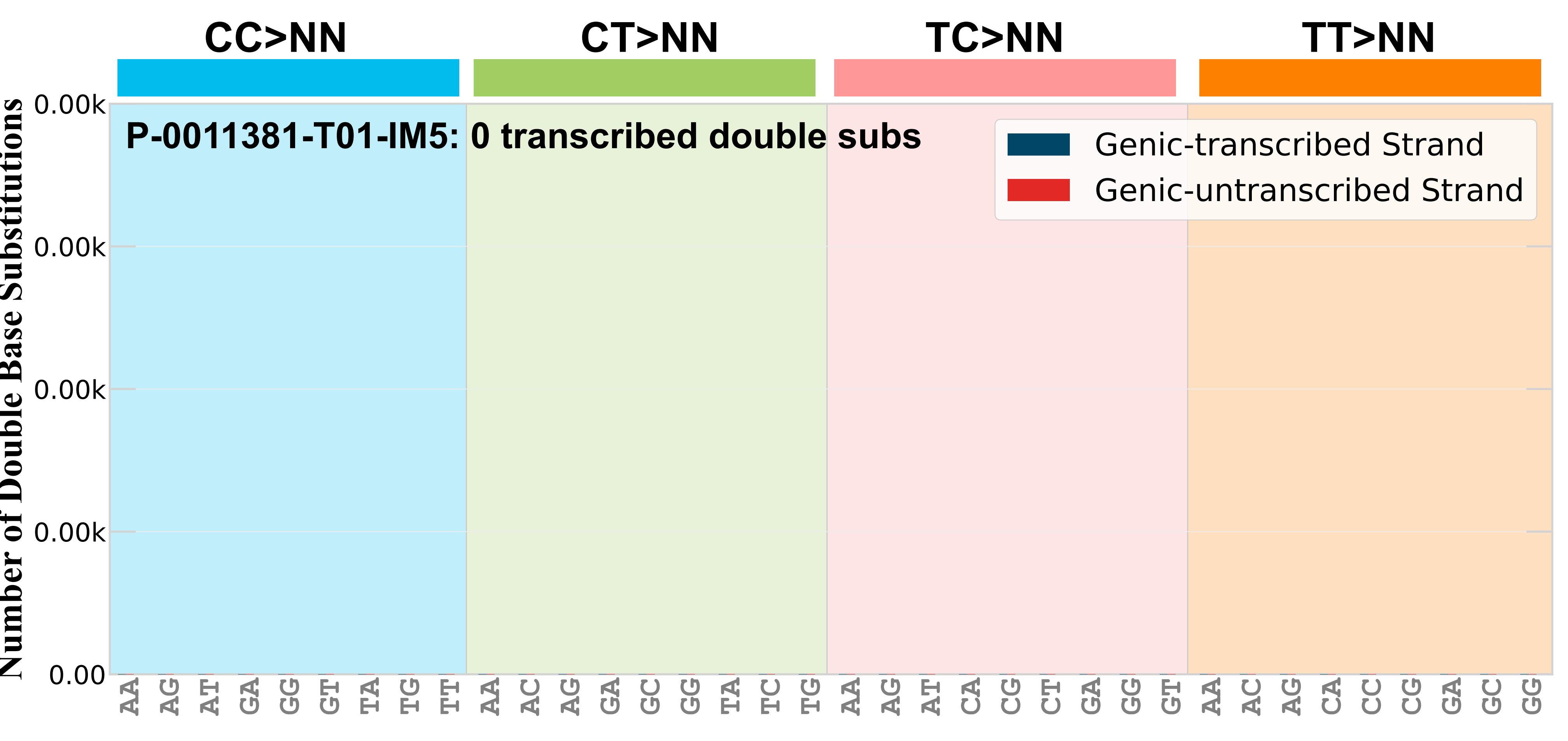






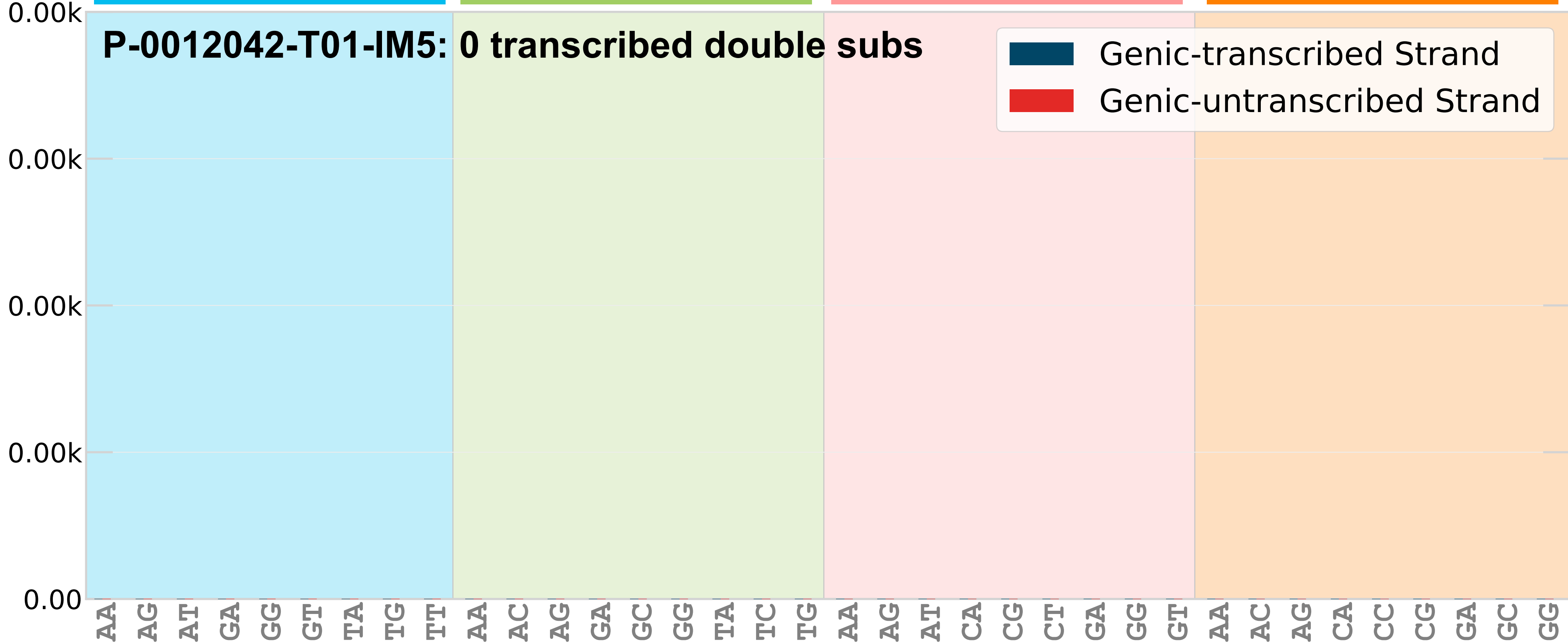








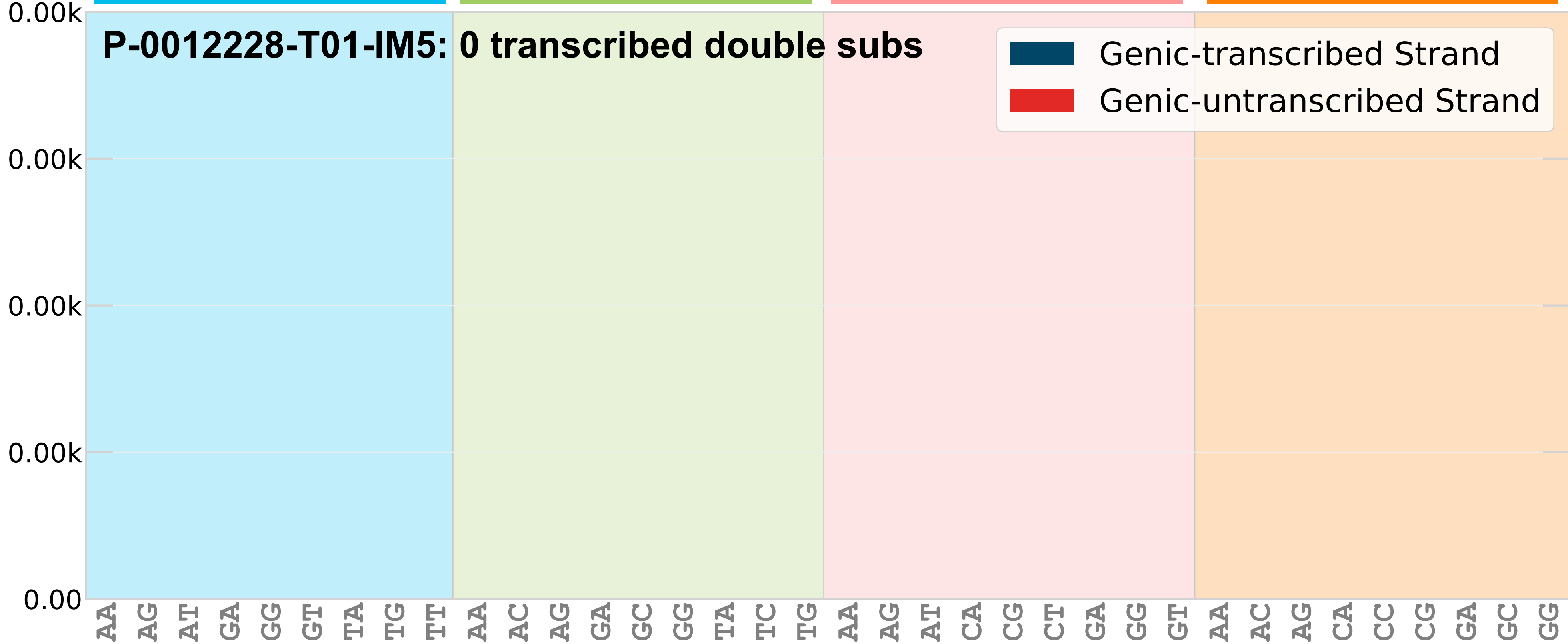
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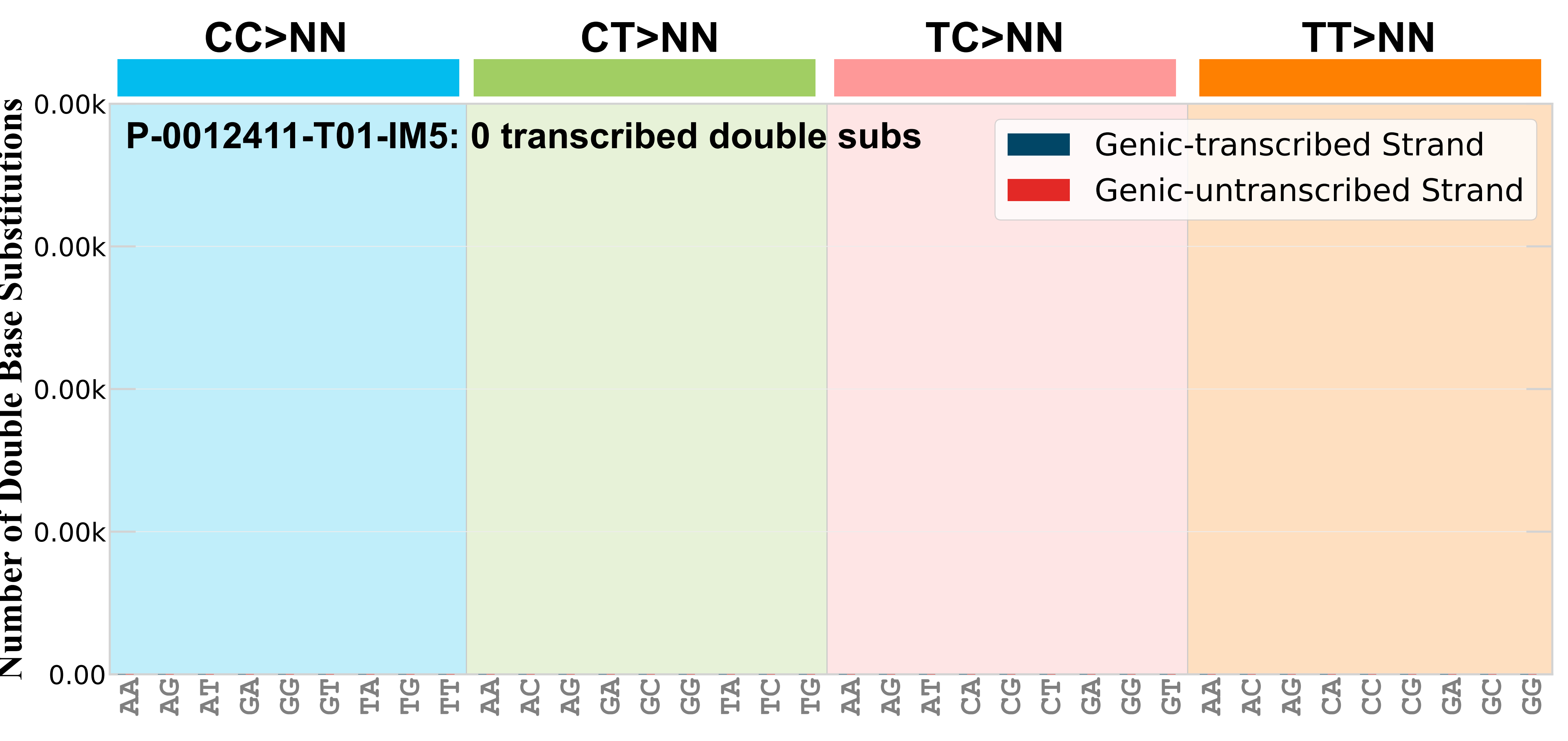


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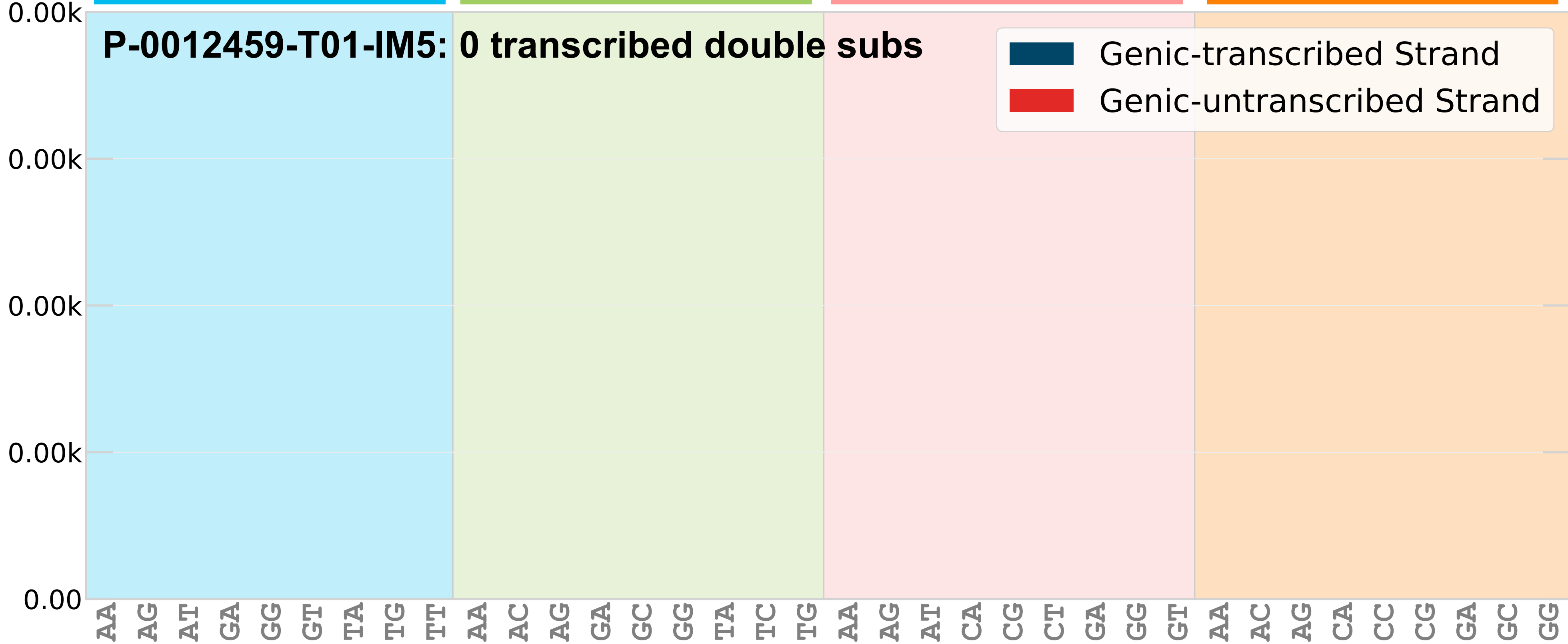






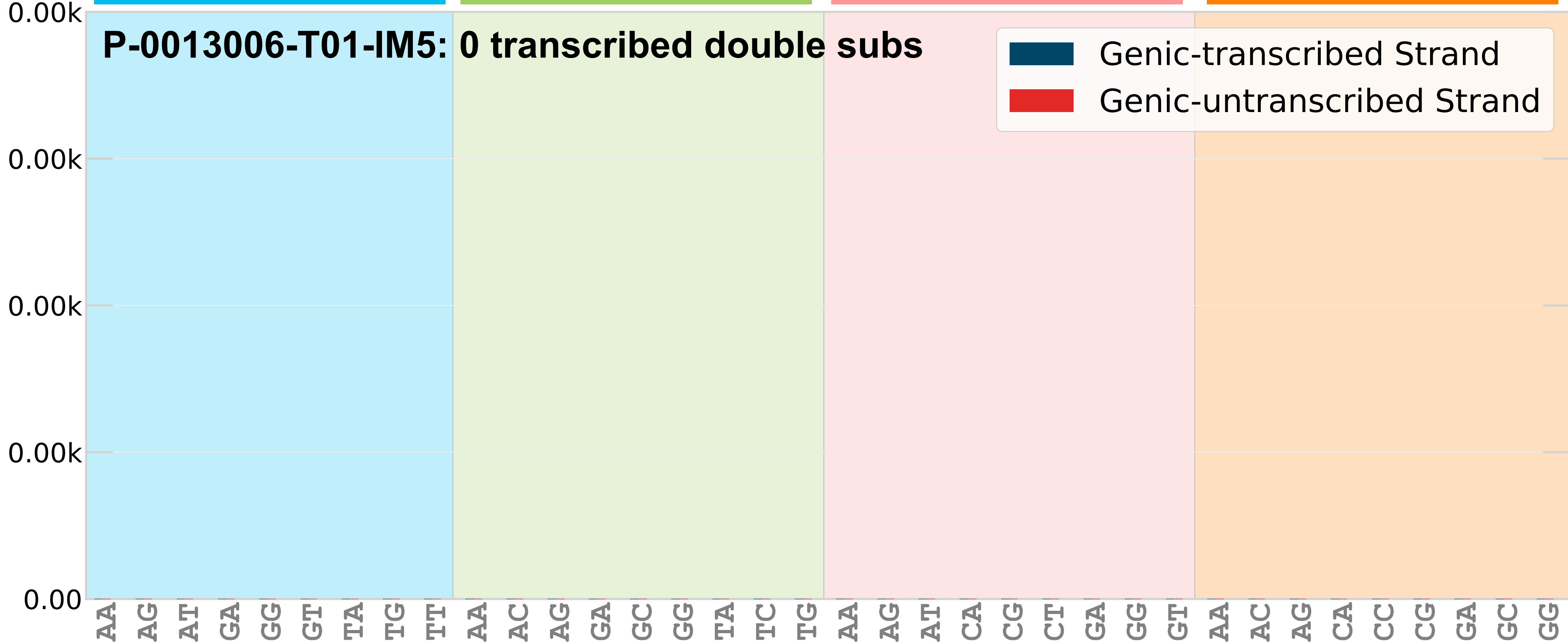


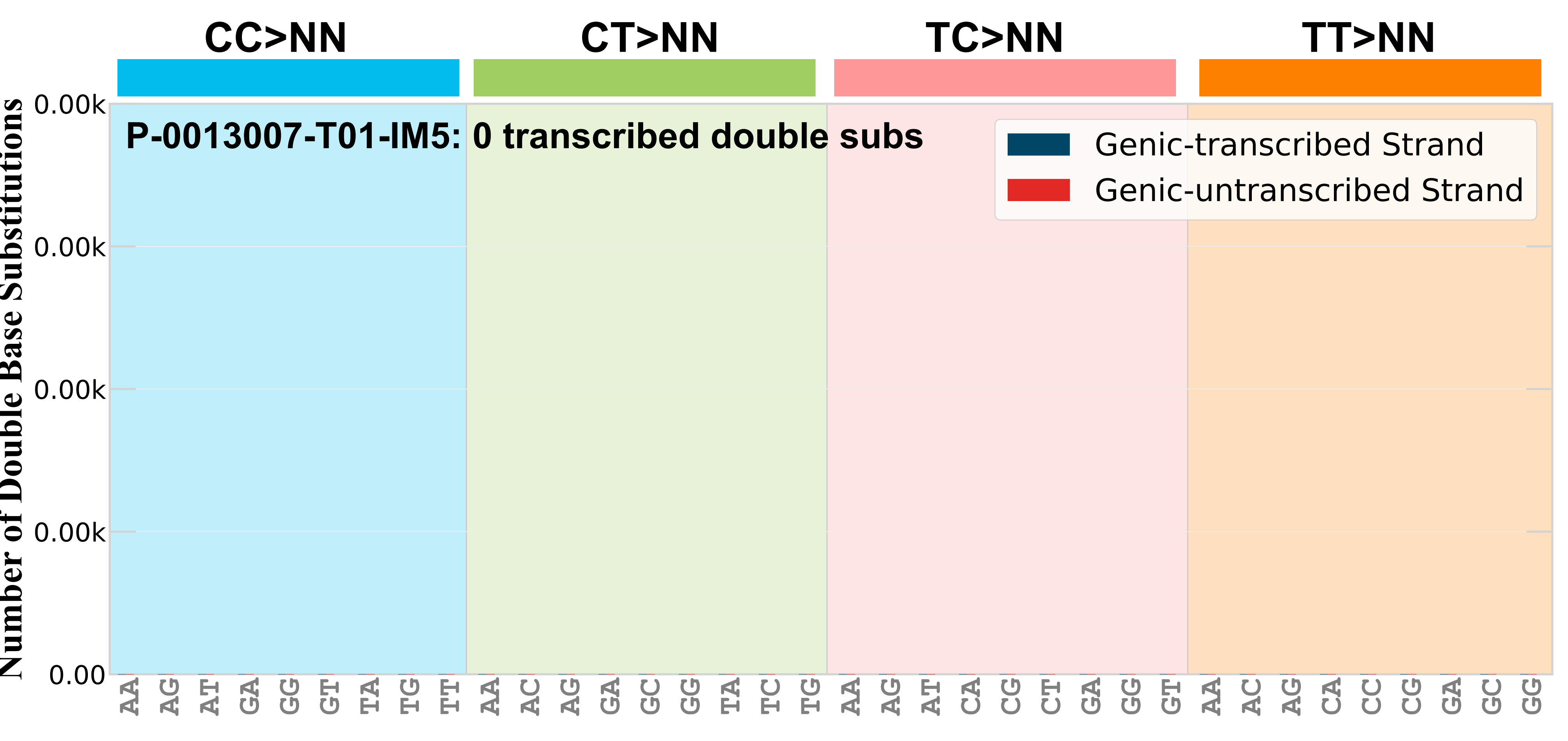
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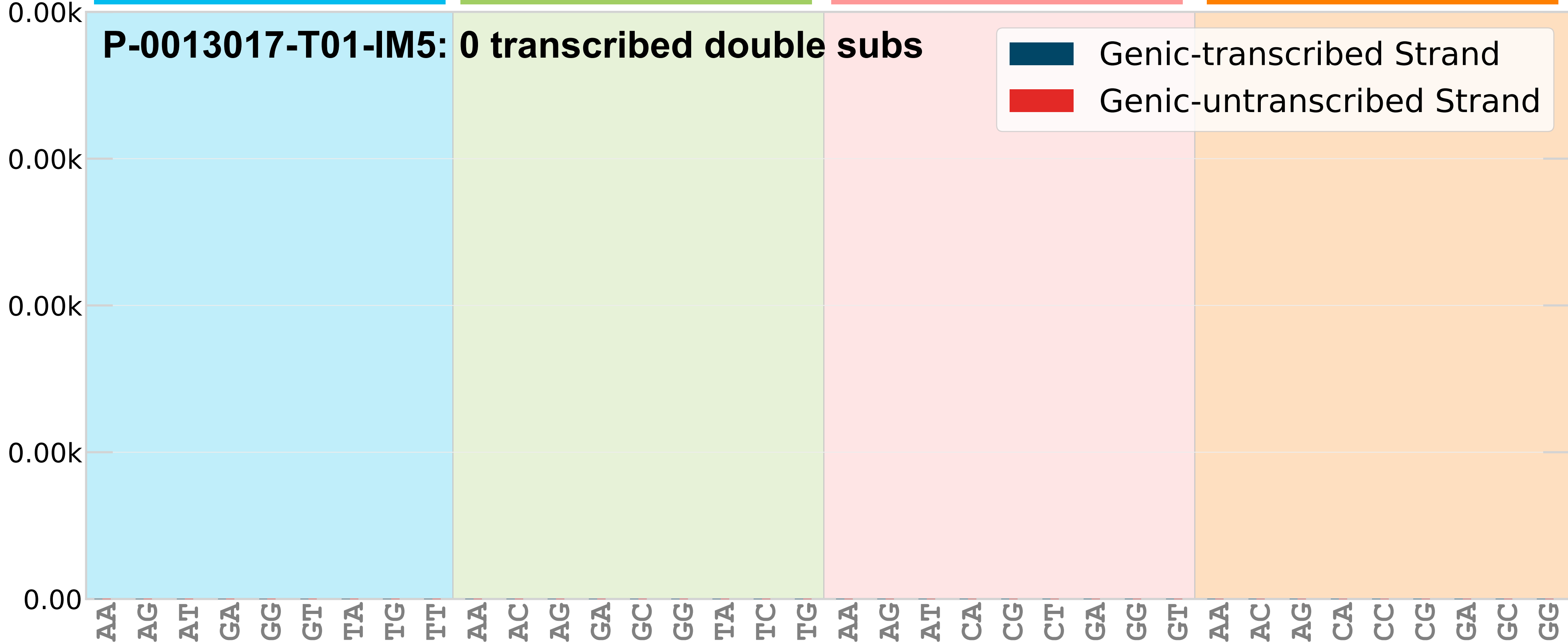


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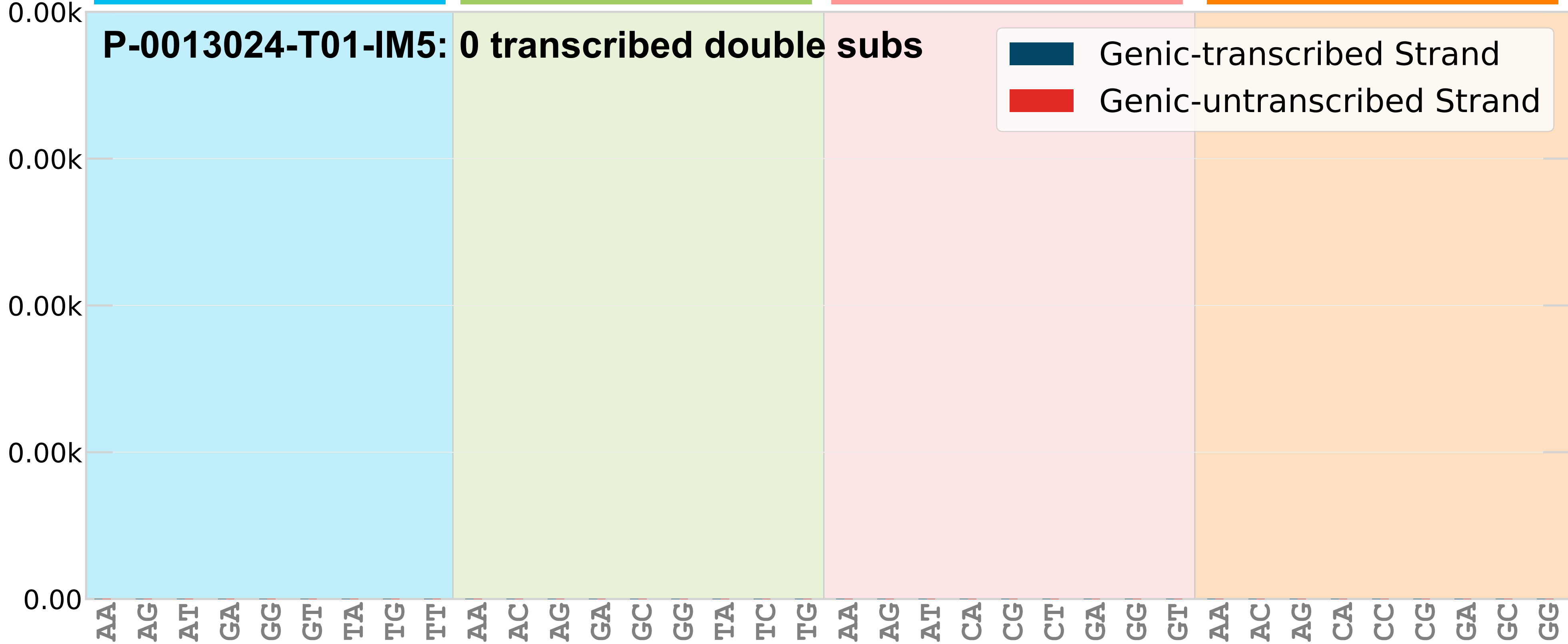




**TT>NN**

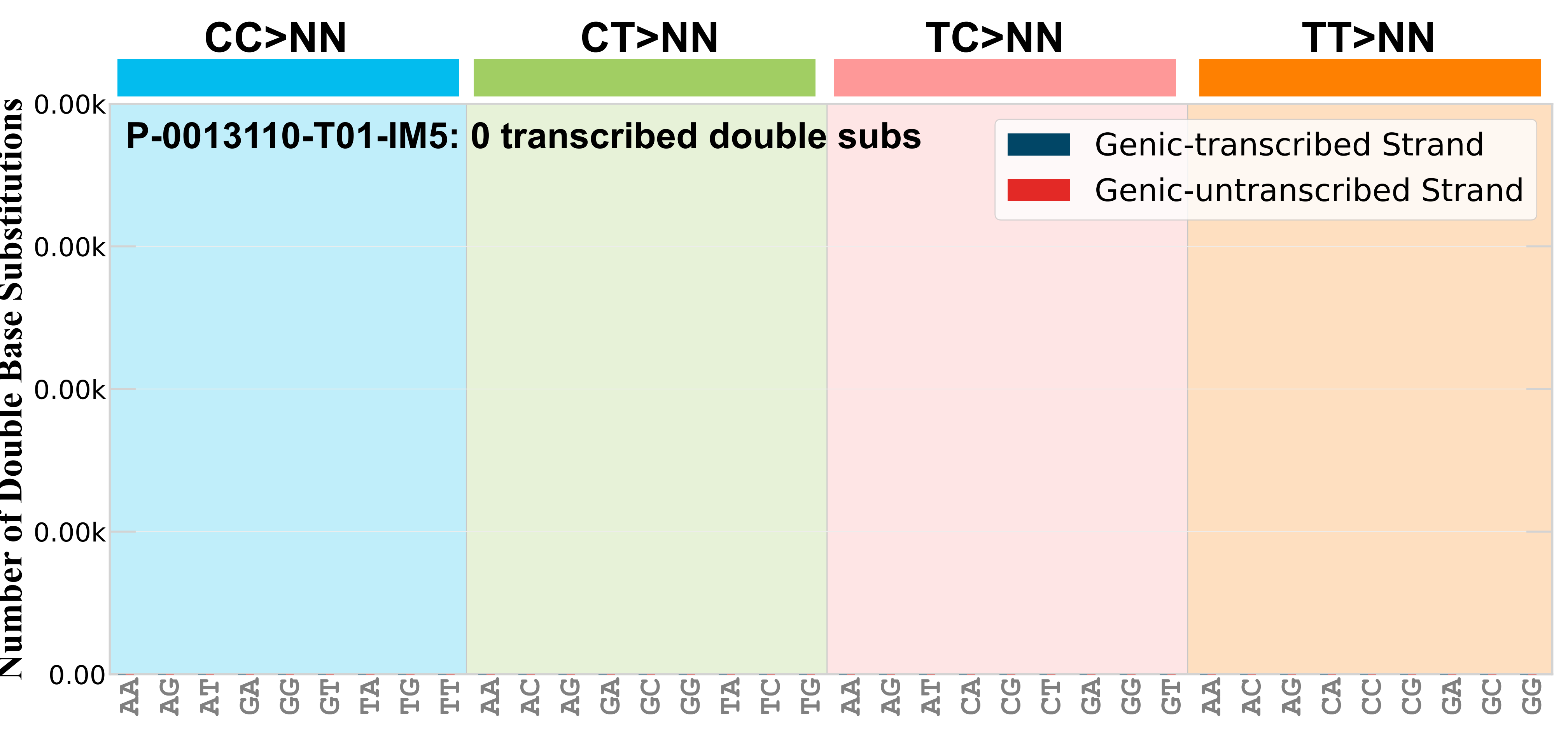


**TT>NN**



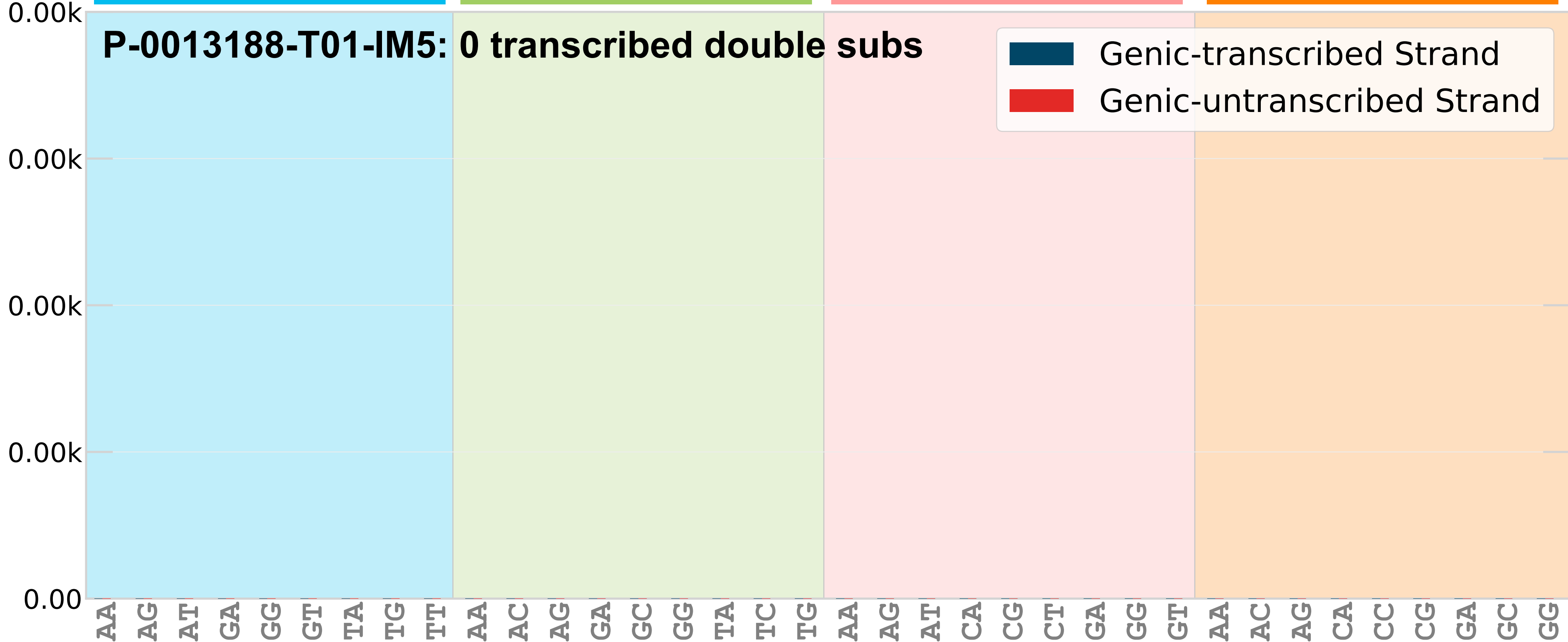






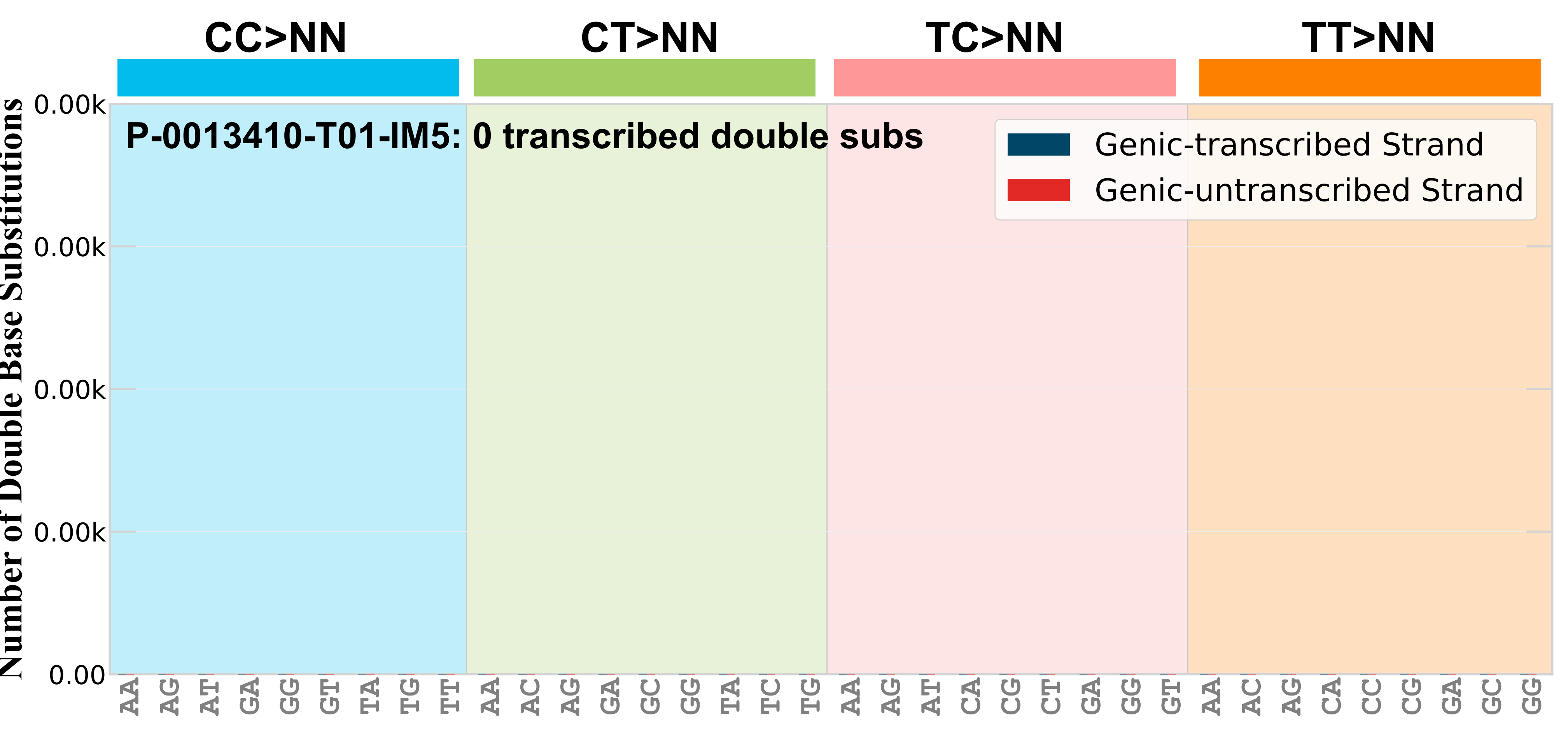


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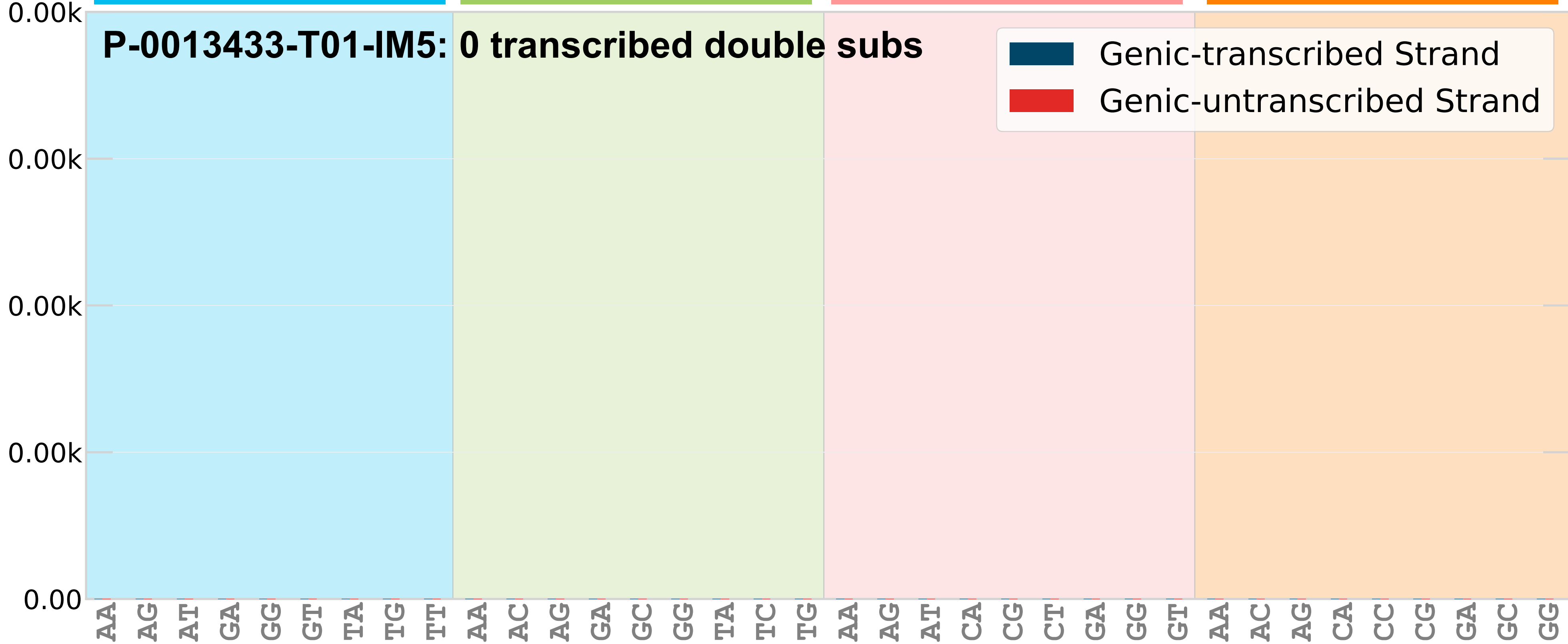






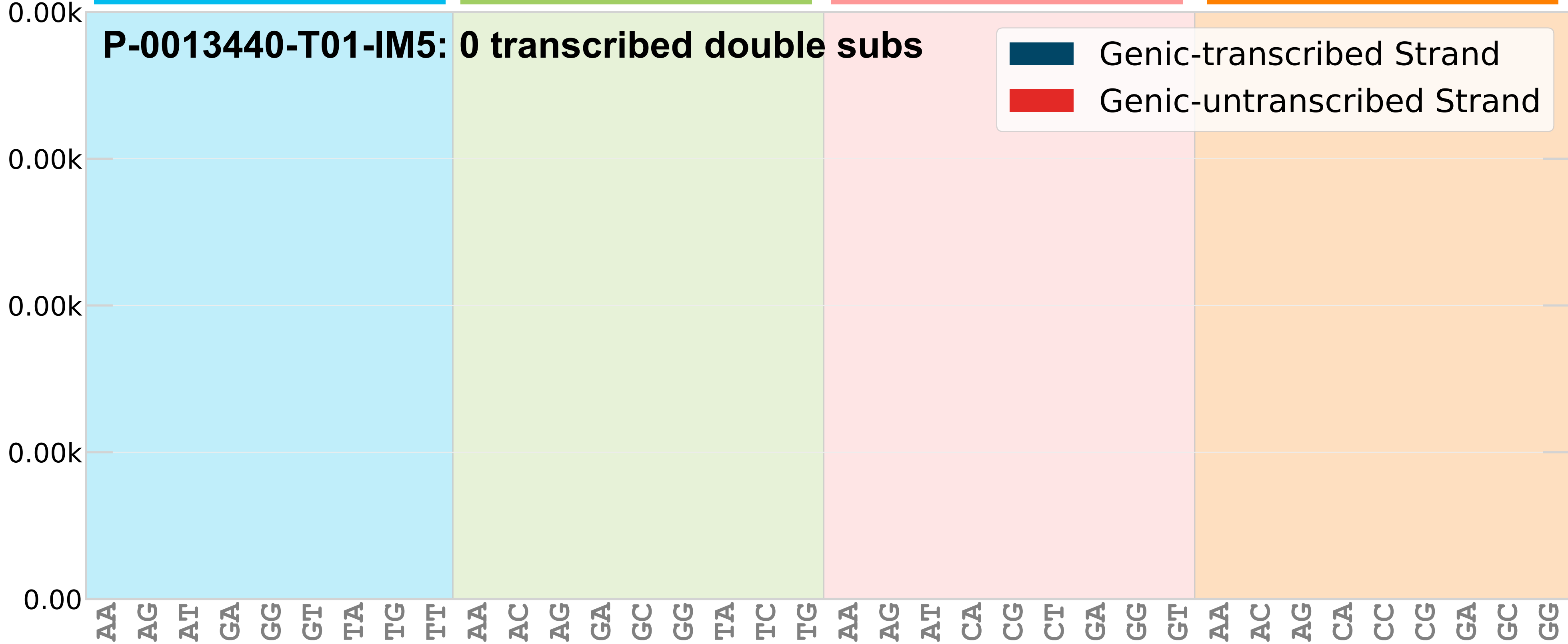


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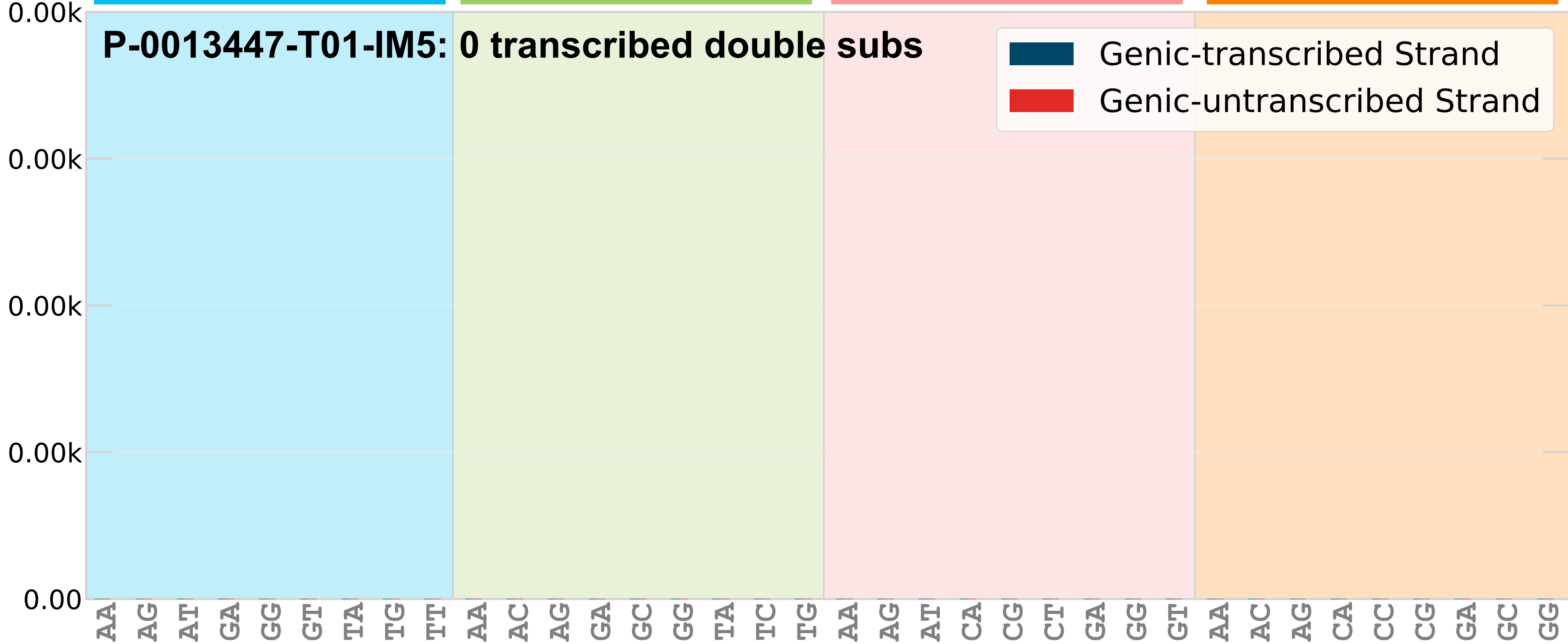


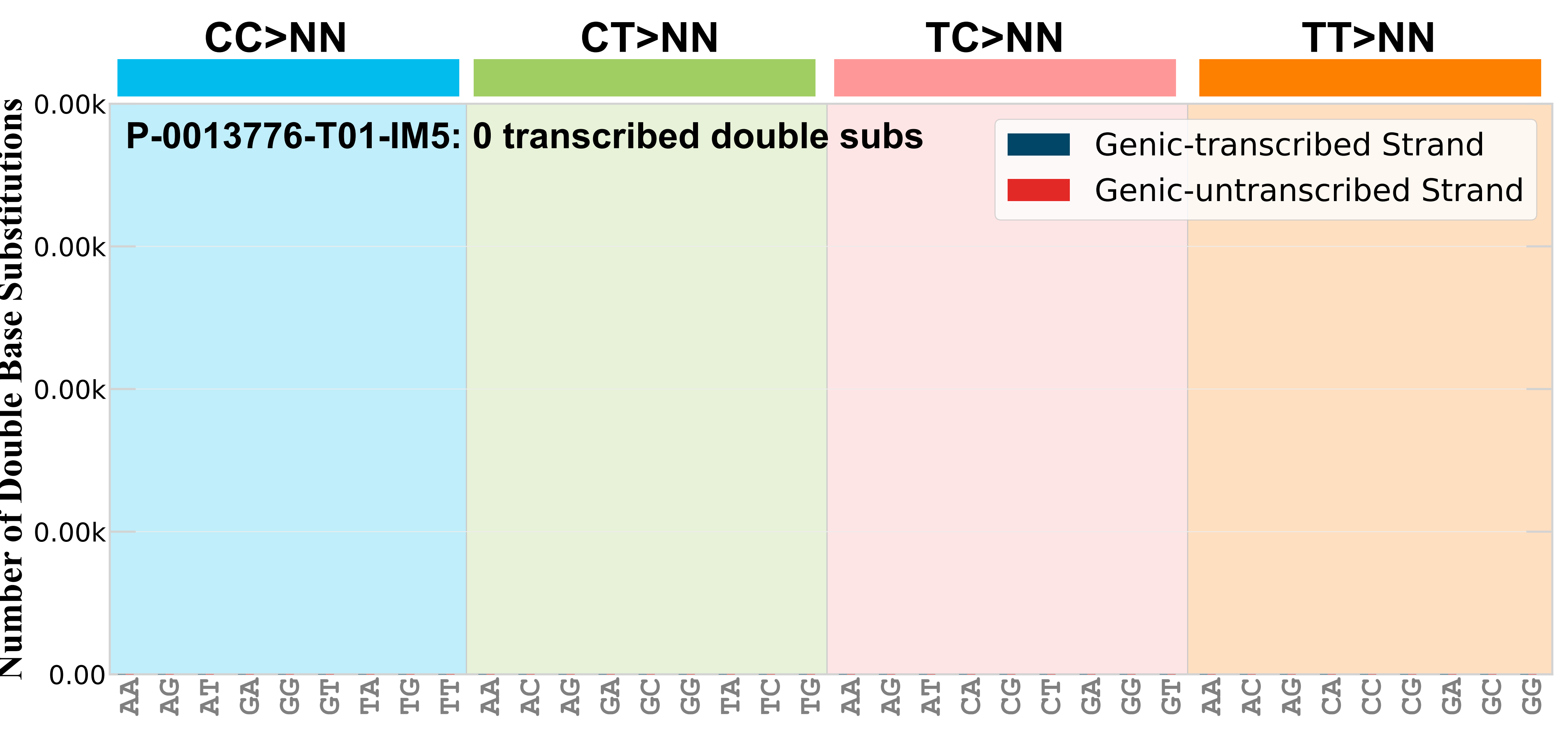


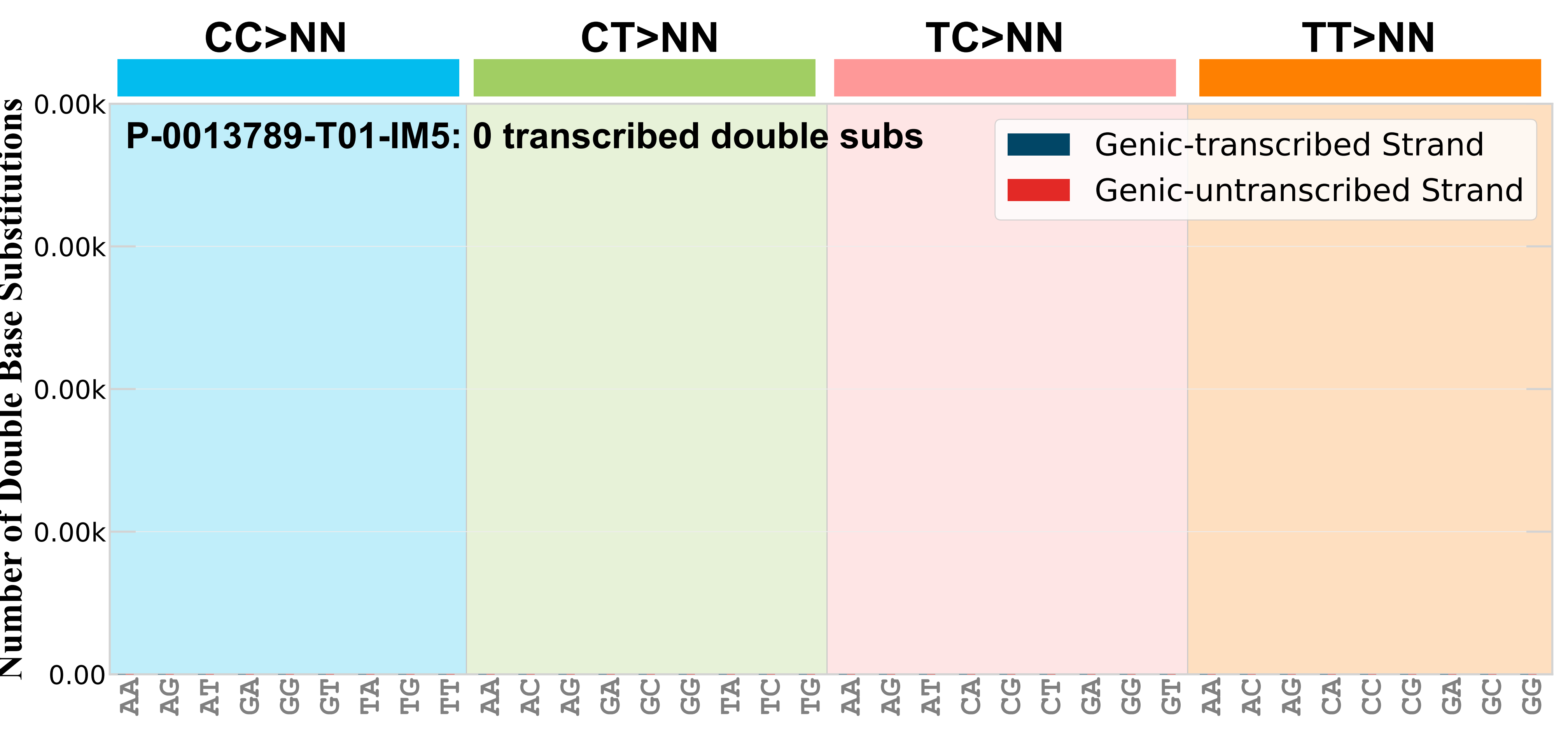
**TT>NN**



# TT>NN



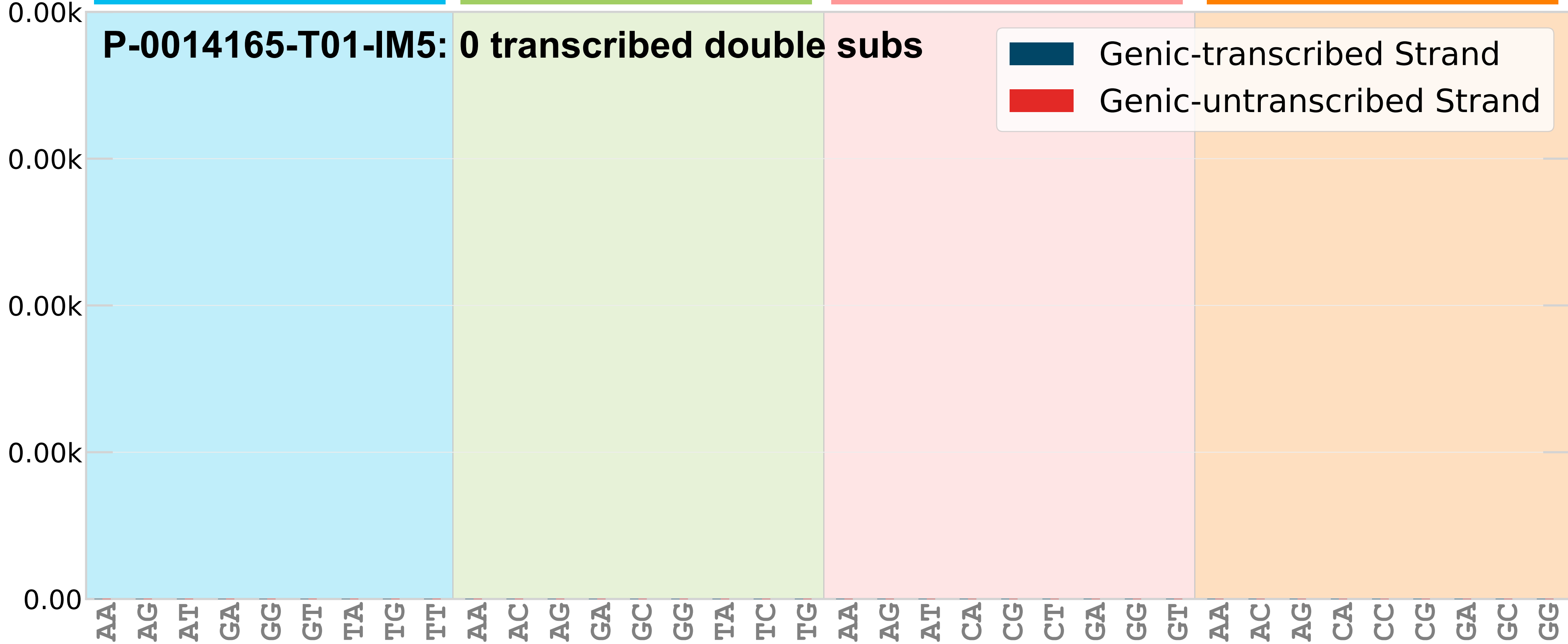




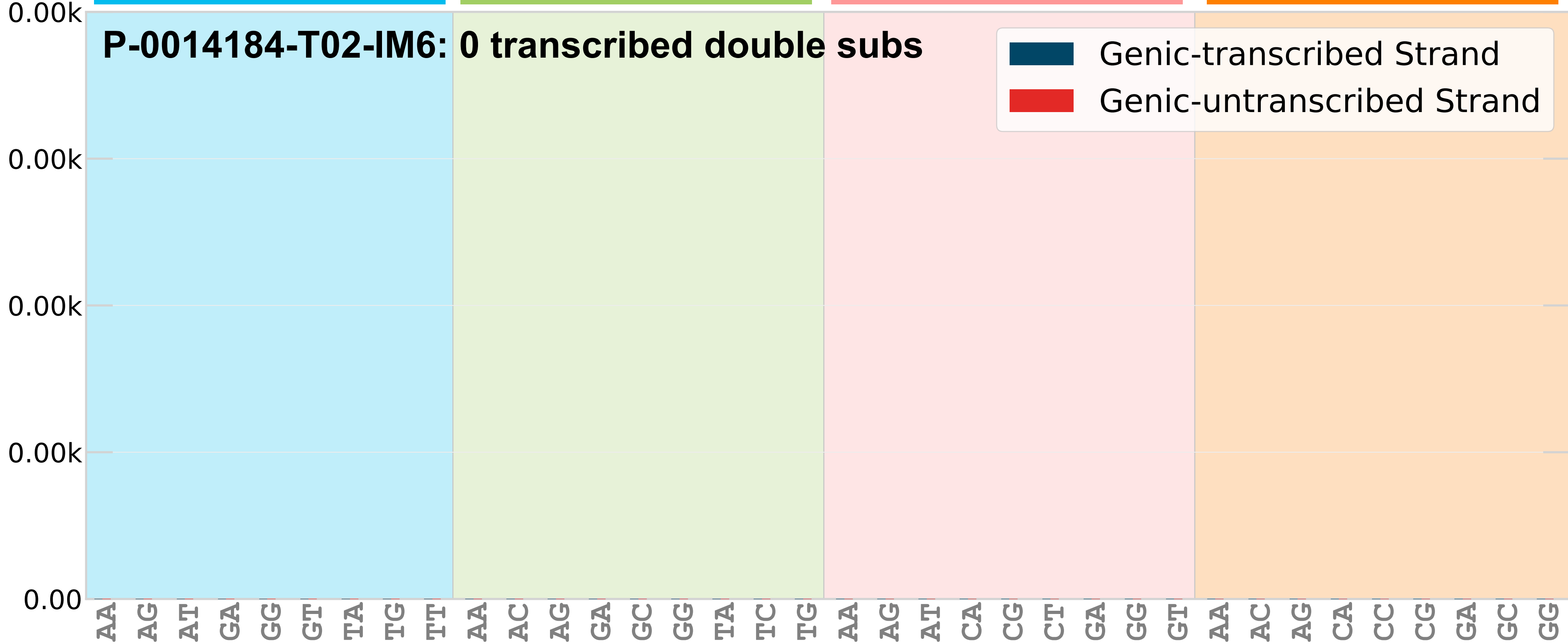




**TT>NN**

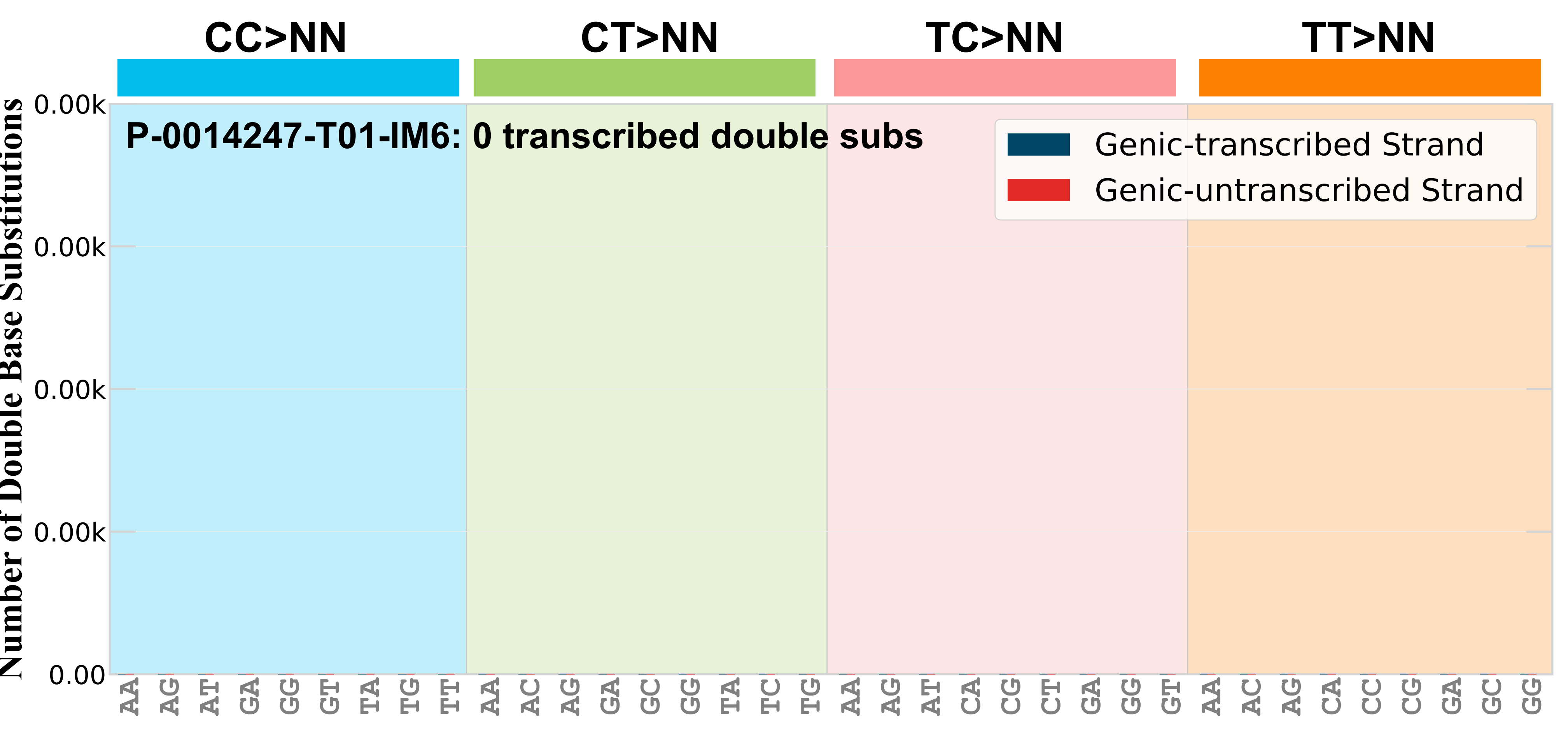


**TT>NN**

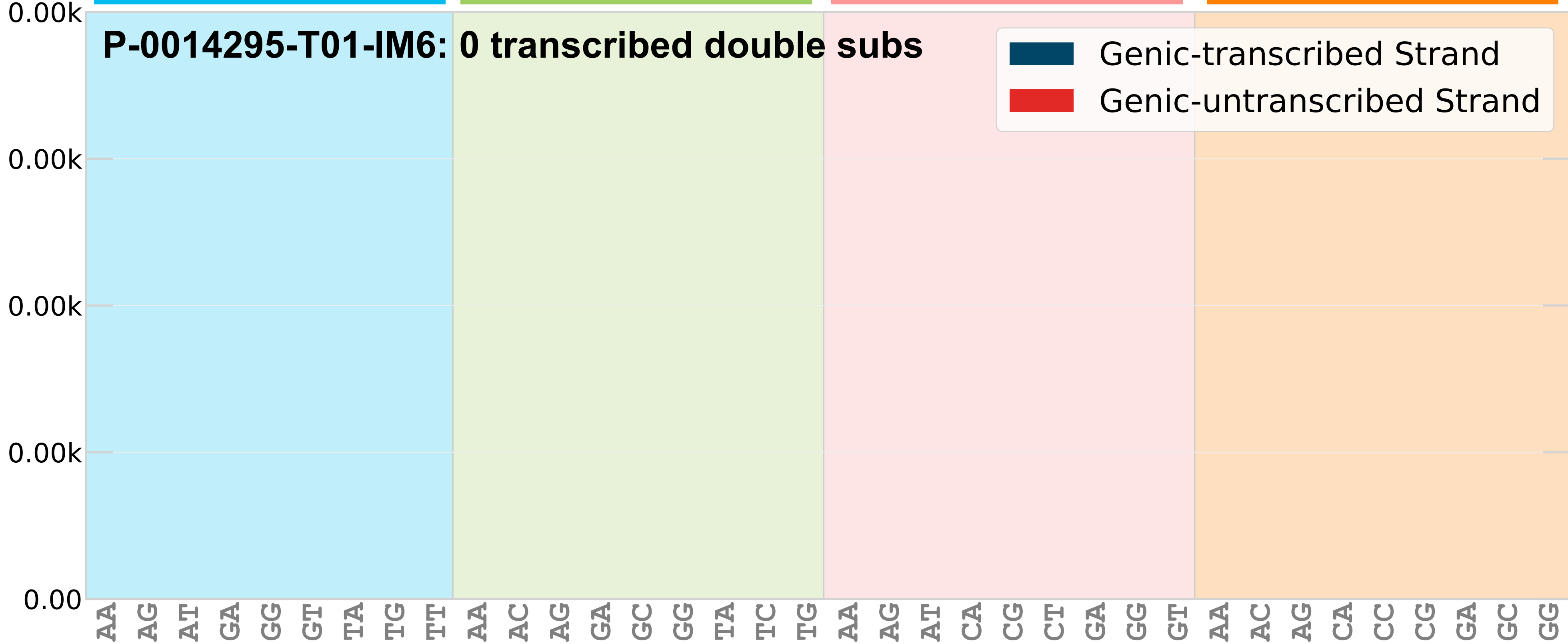








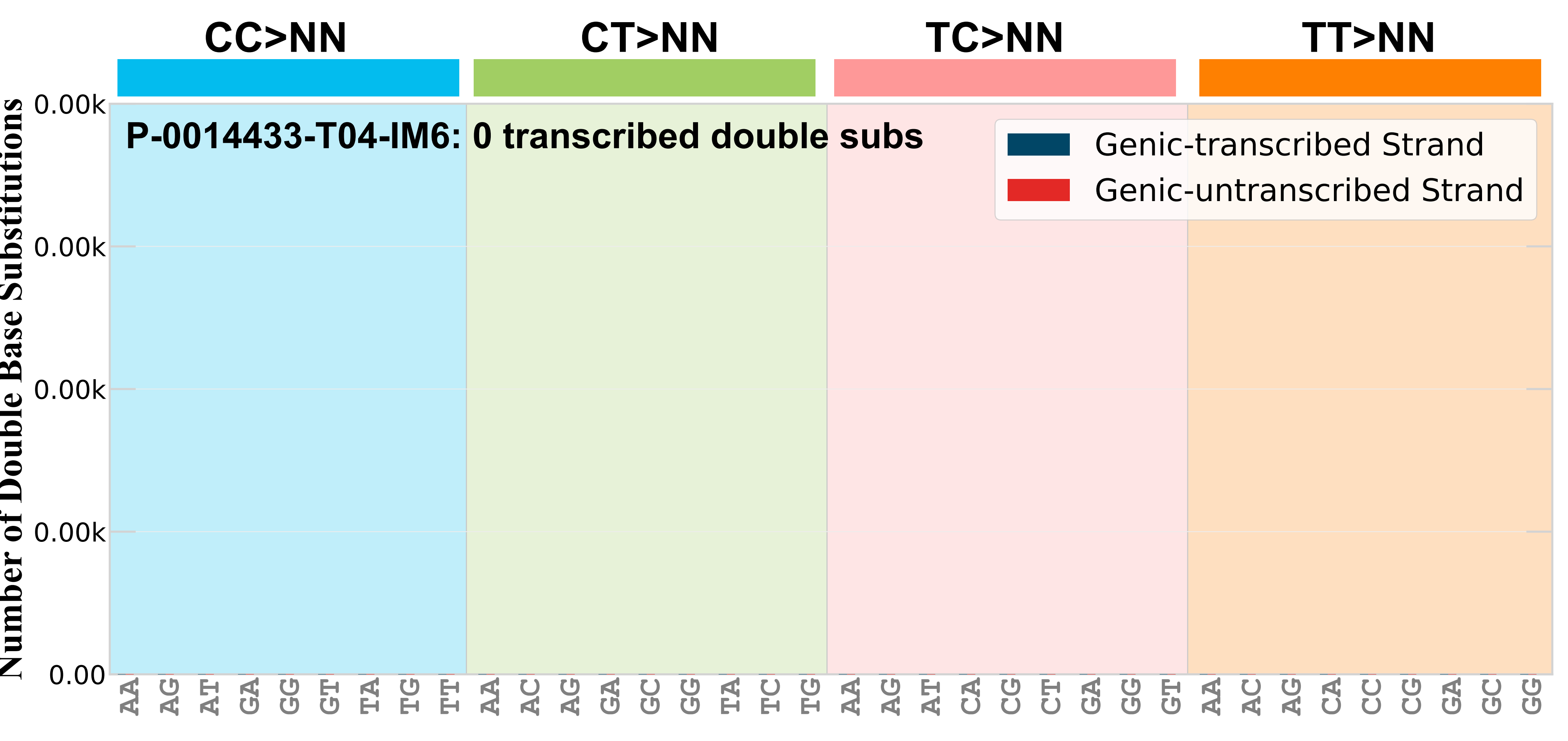
**TT>NN**





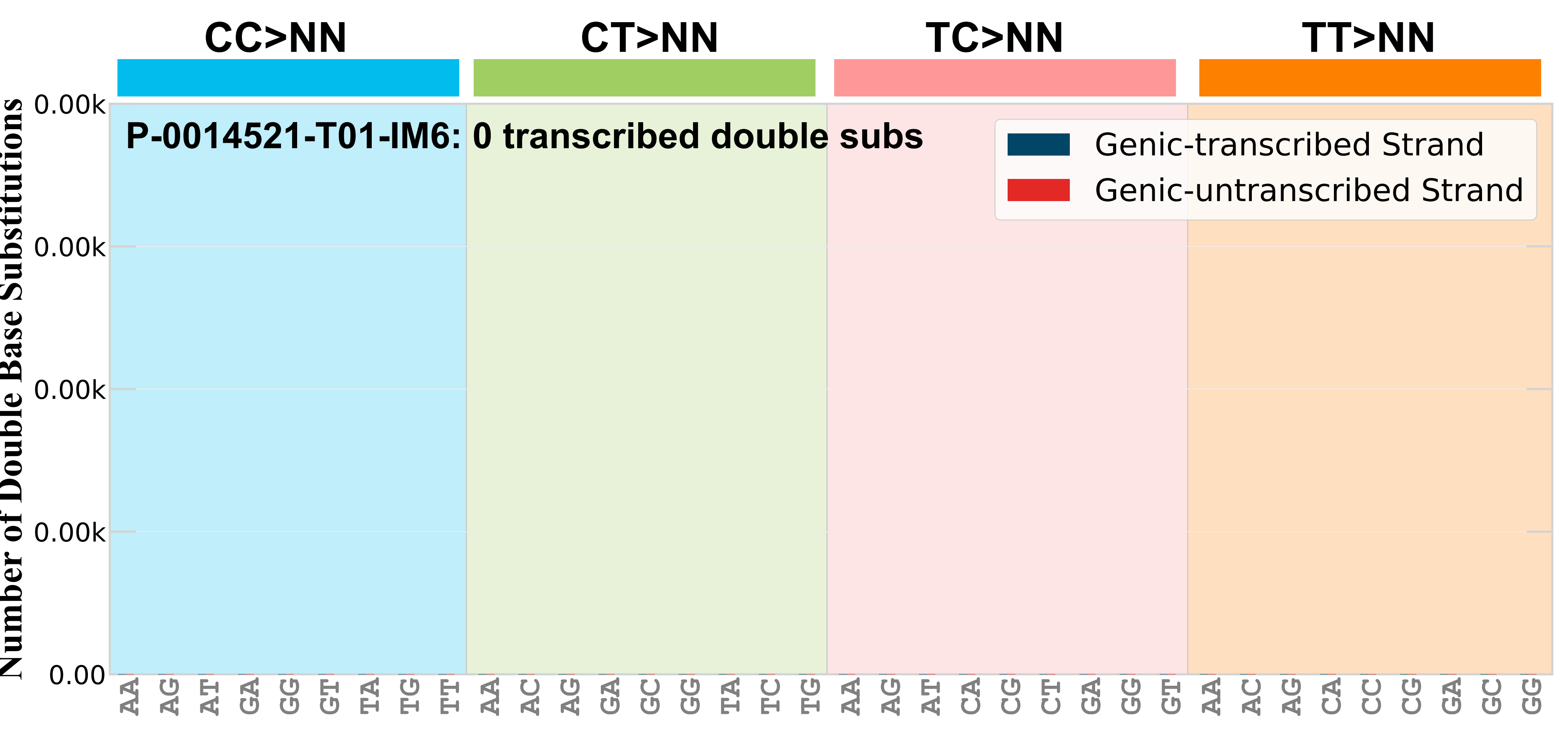








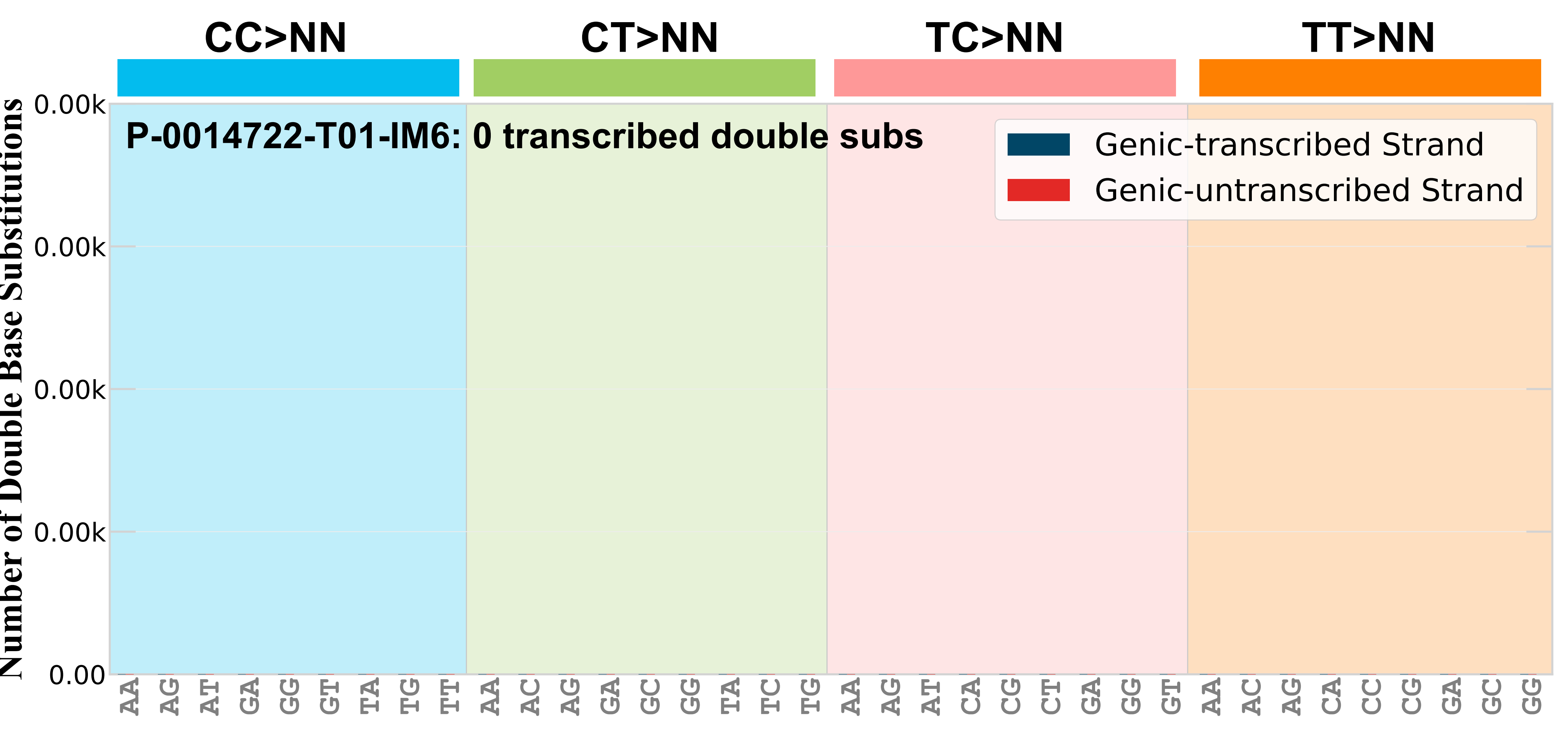


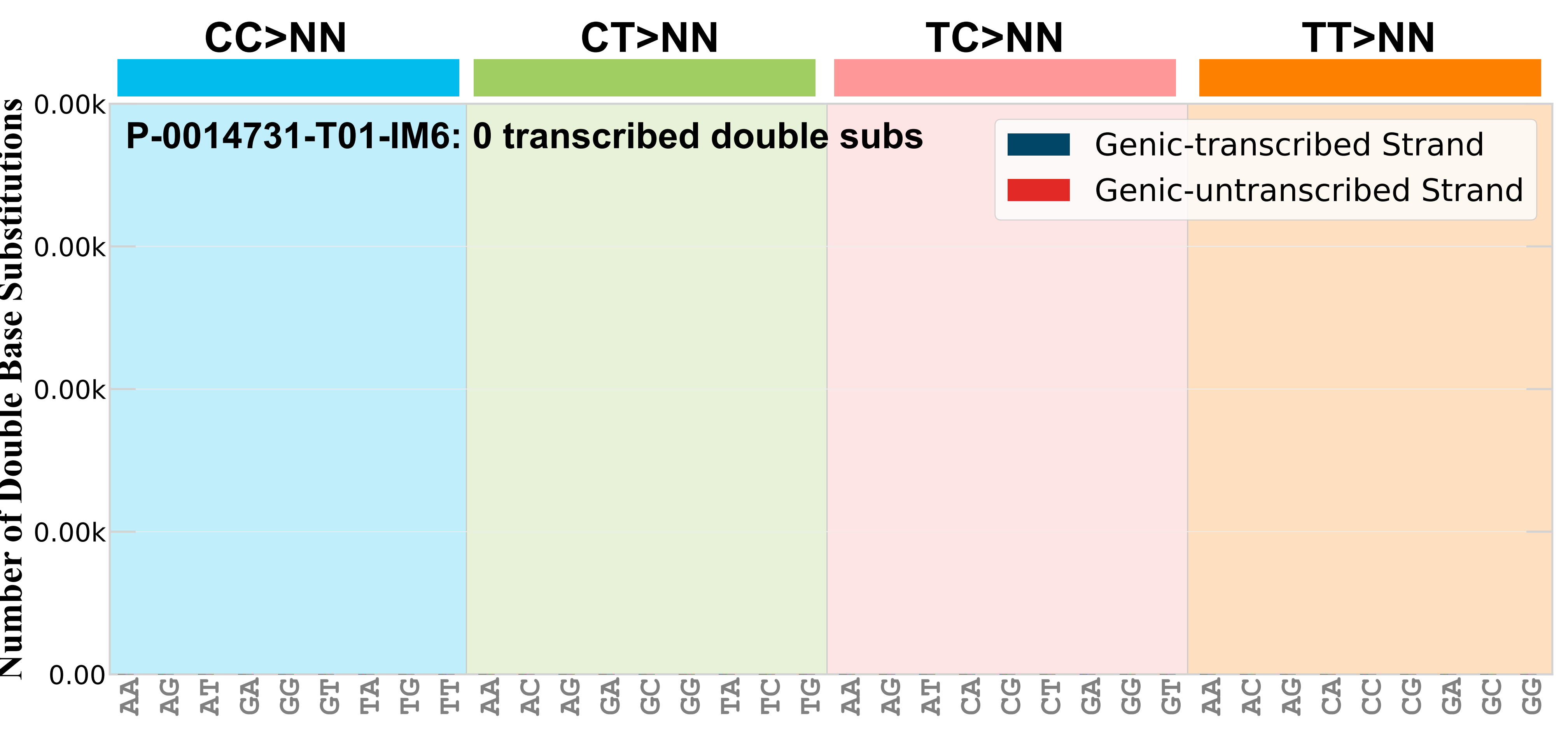


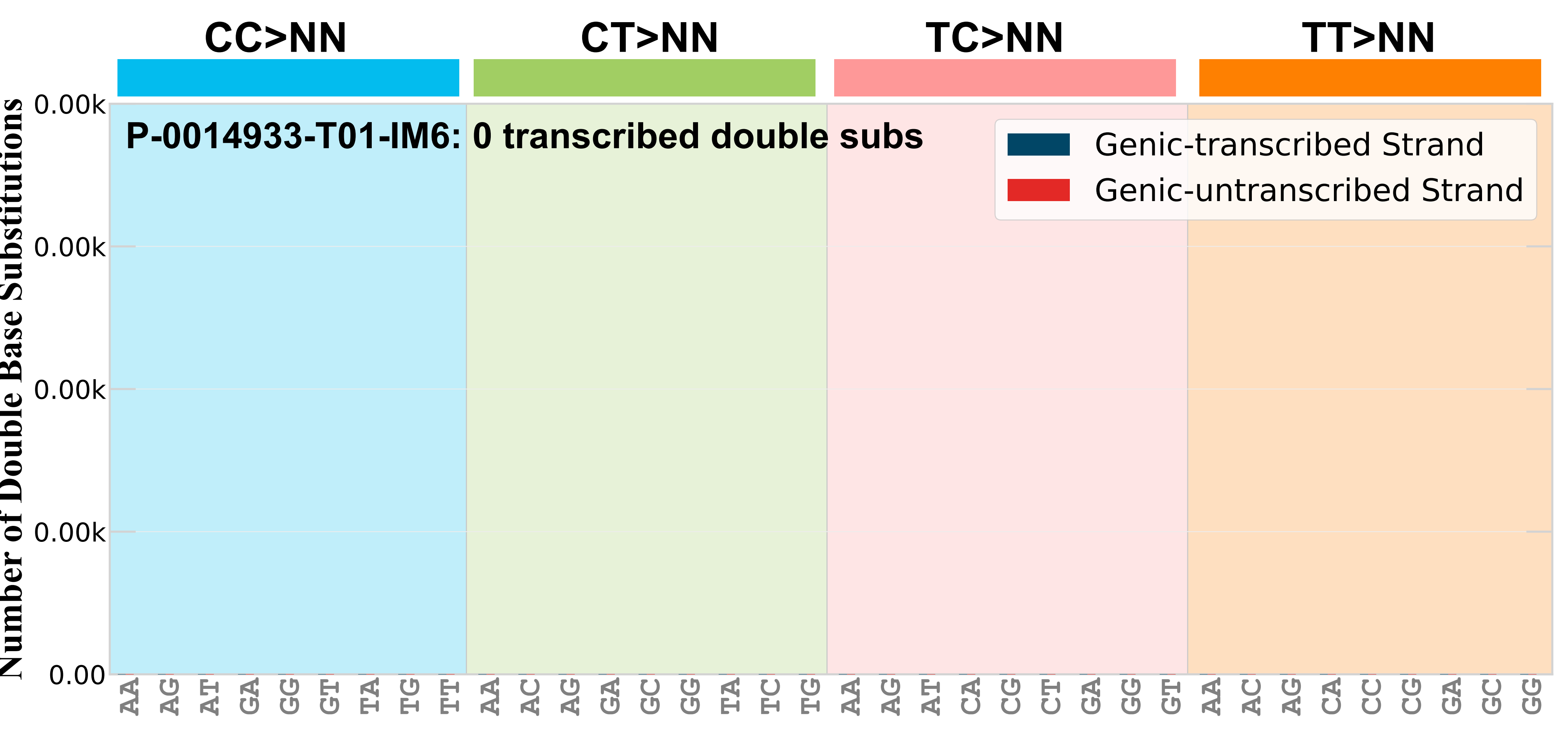


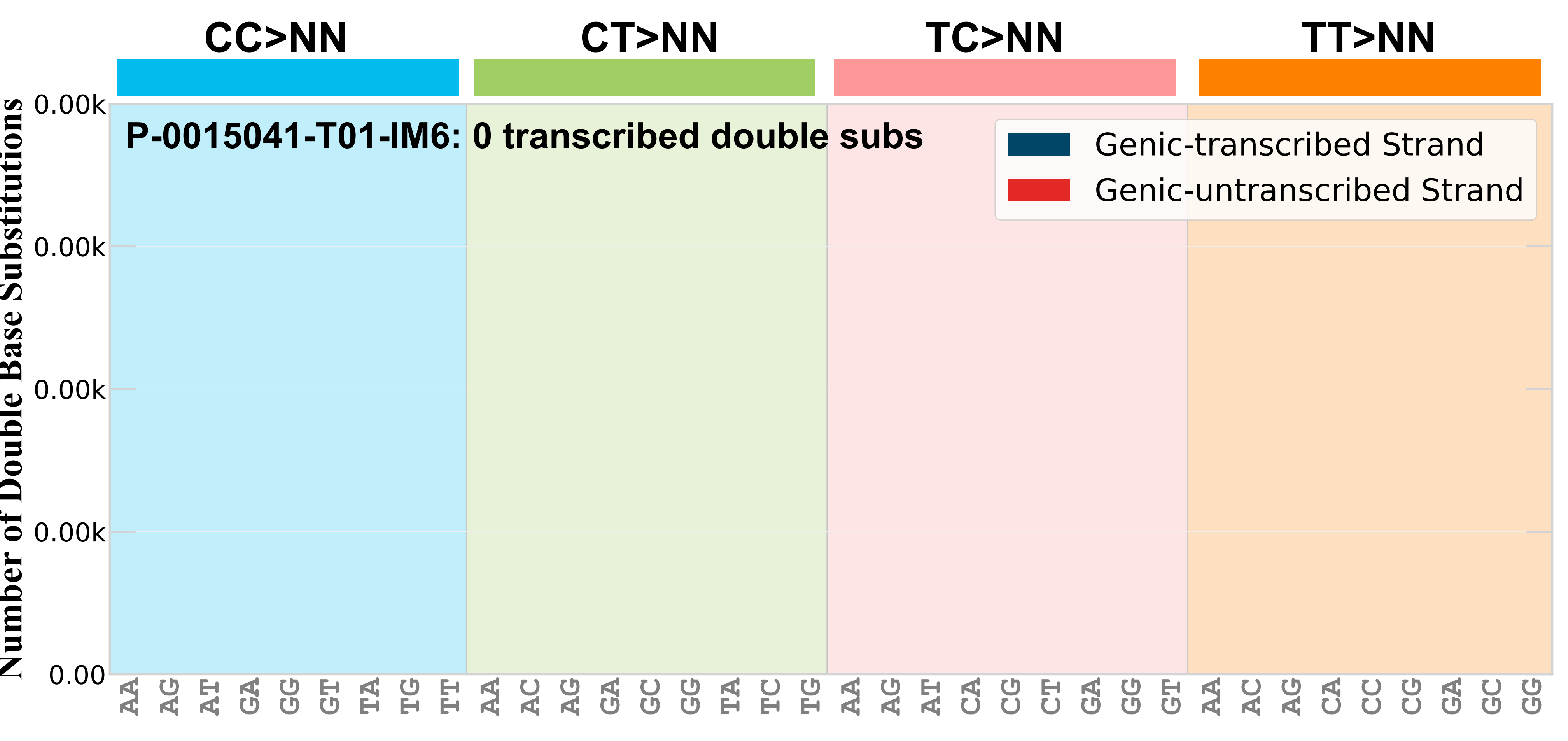
























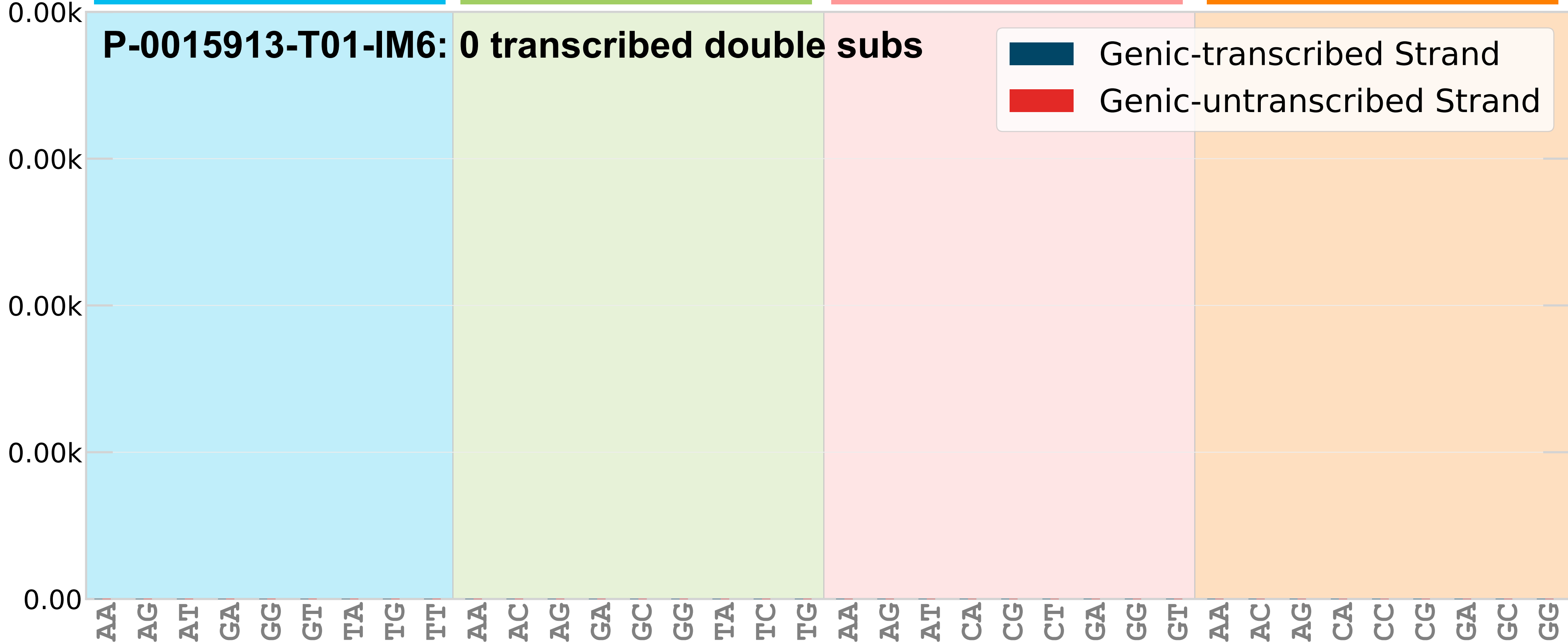




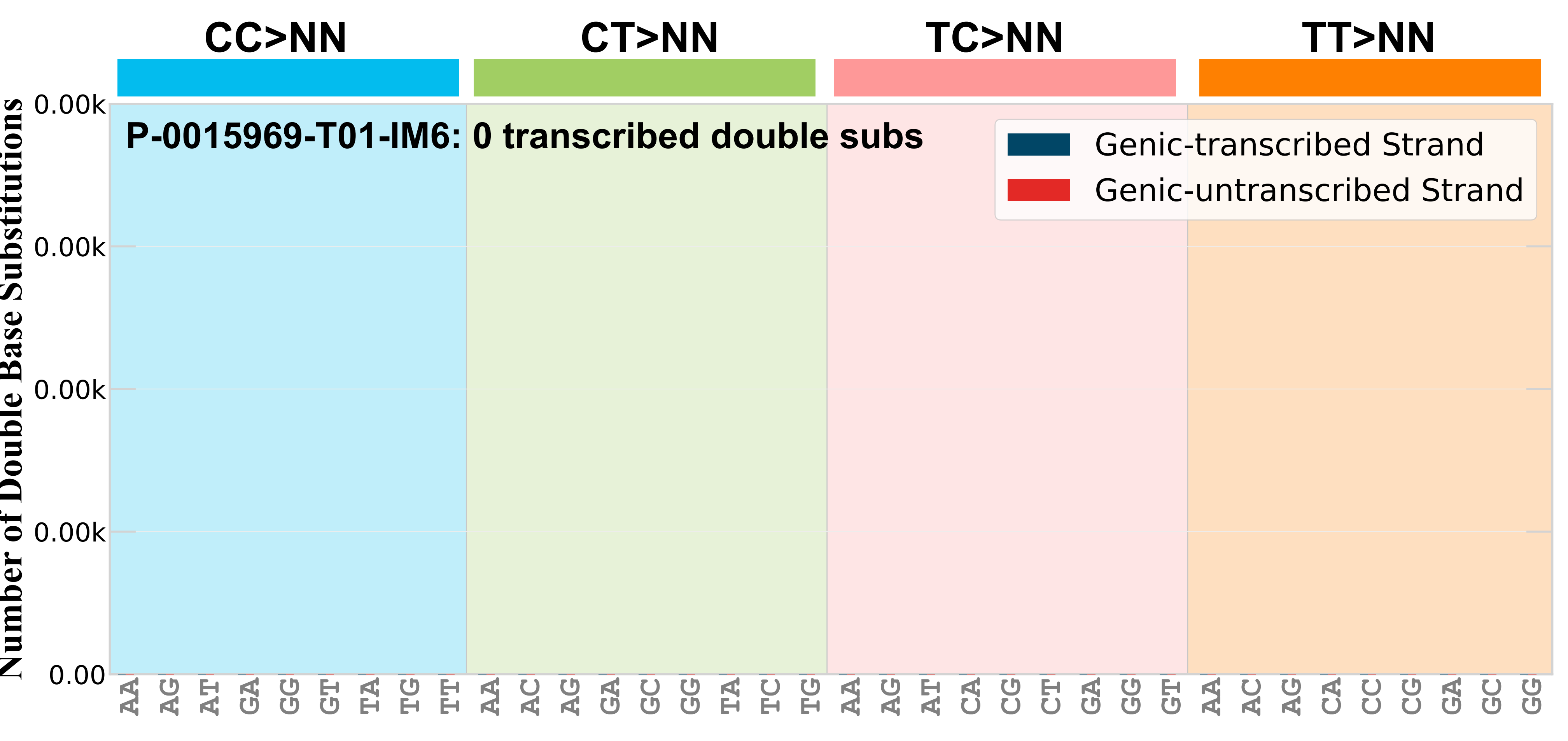




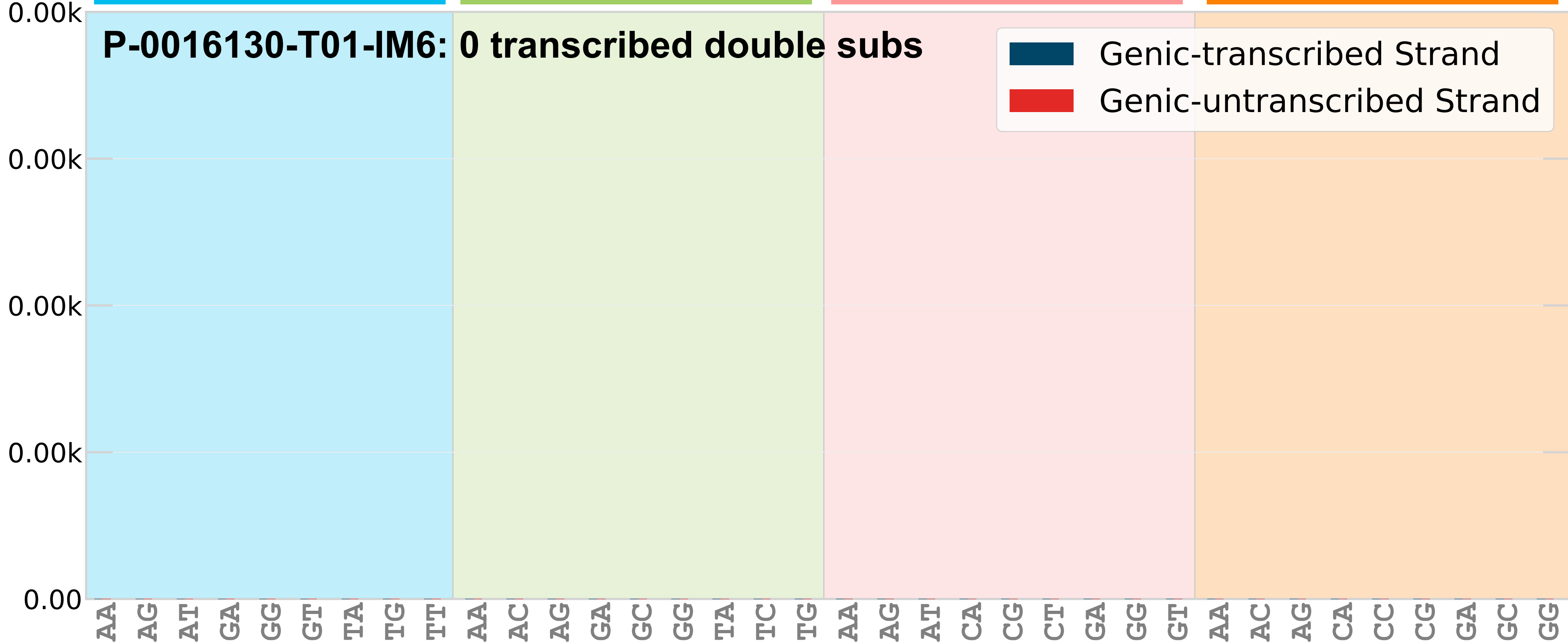
**TT>NN**

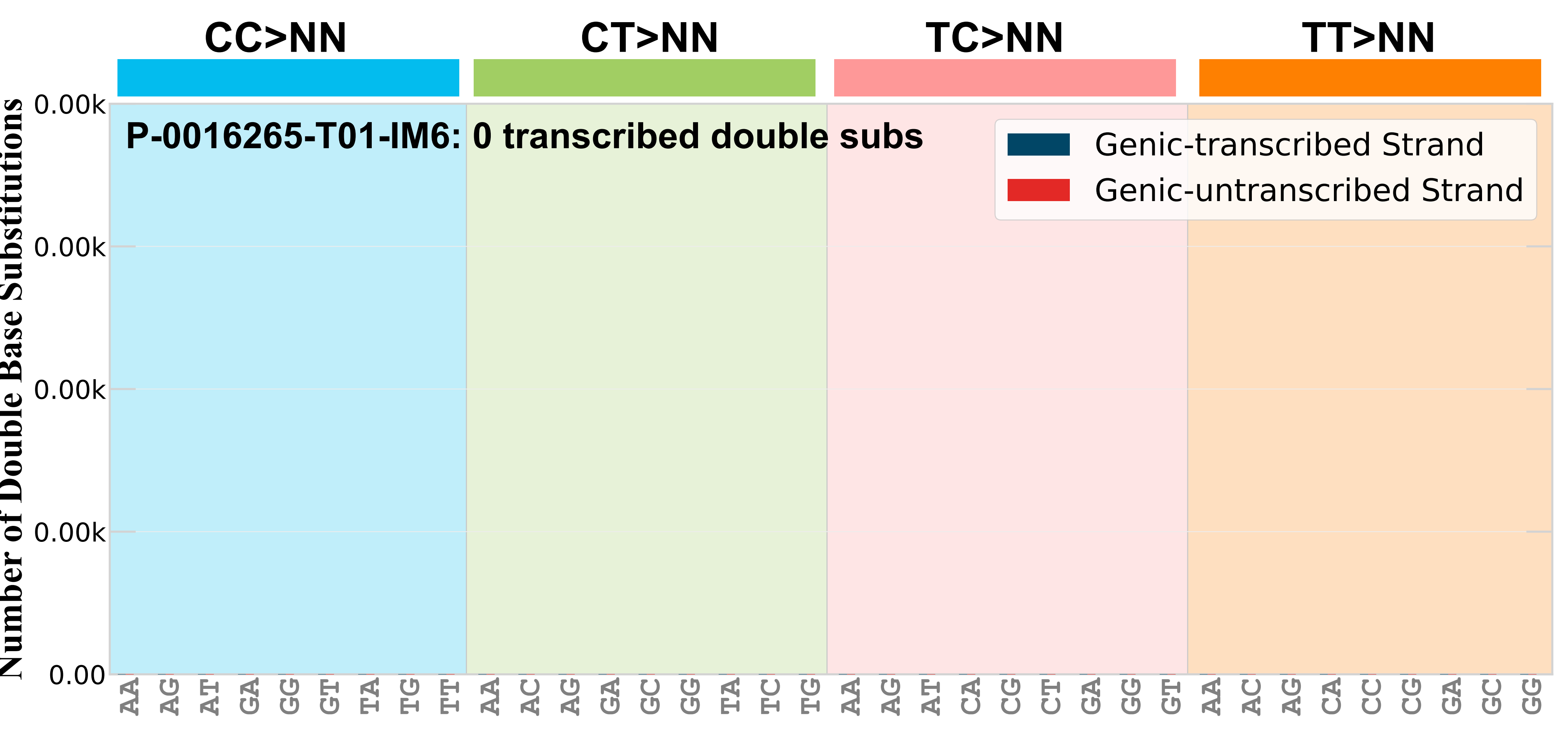






**TT>NN**





Number of Double Base Substitutions

CC>NN

CT>NN

TC>NN

TT>NN

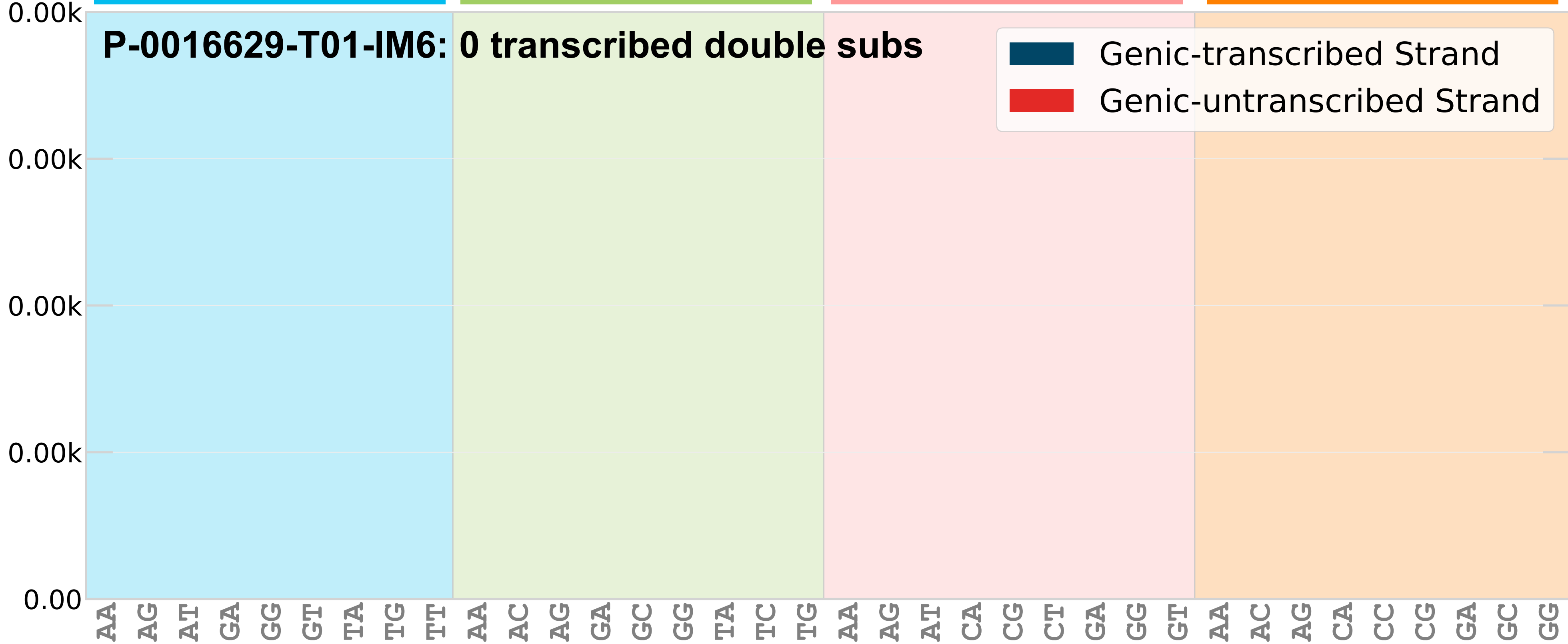
P-0016532-T02-IM6: 0 transcribed double subs

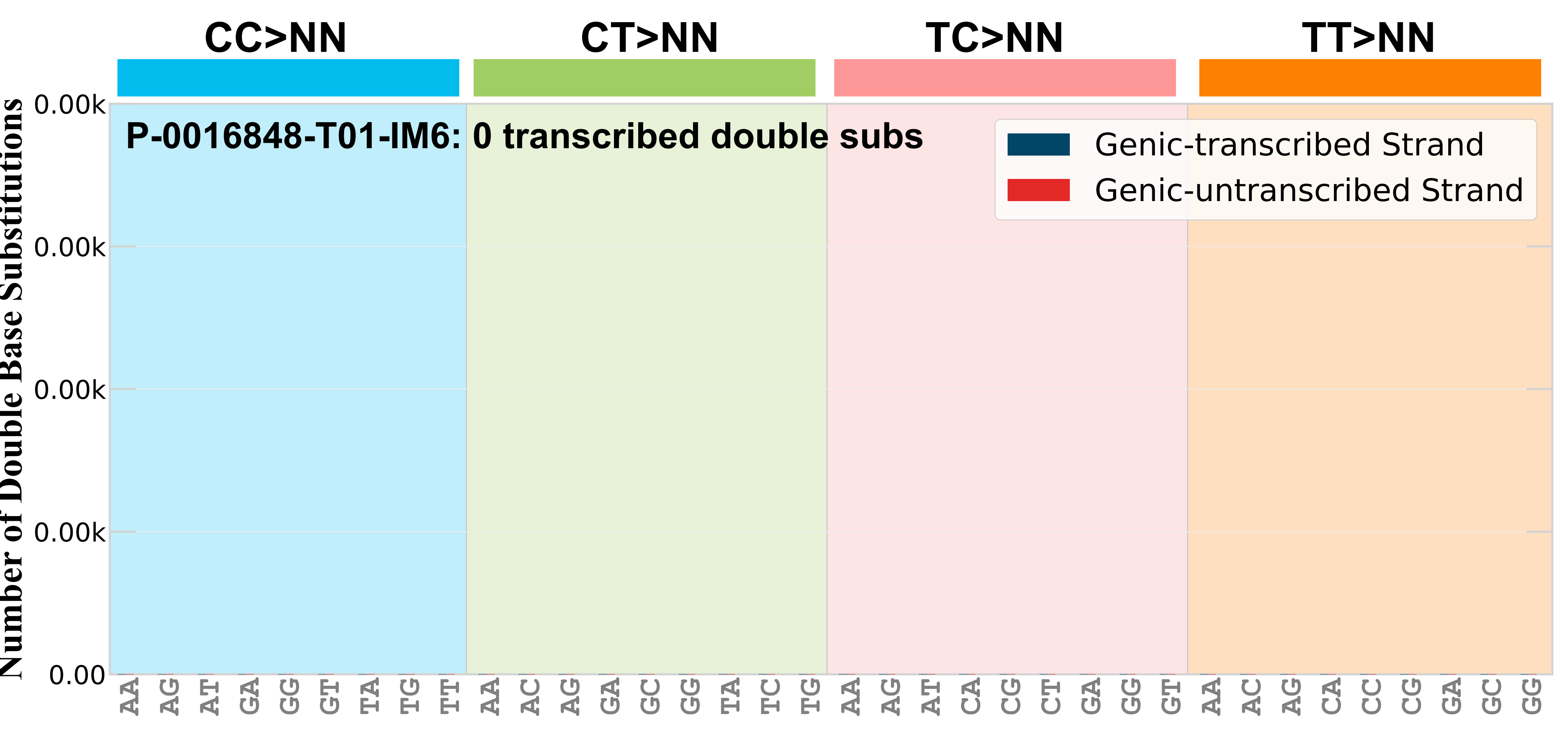
Genic-transcribed Strand

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



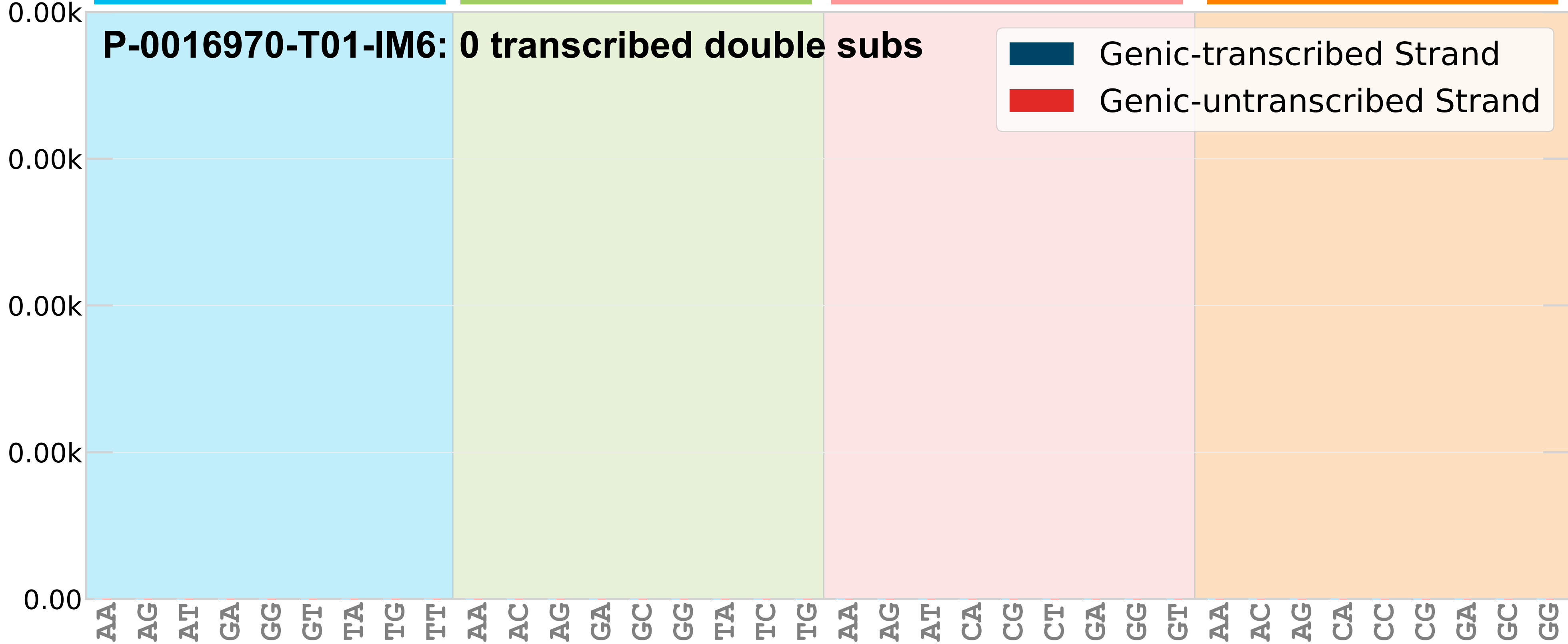




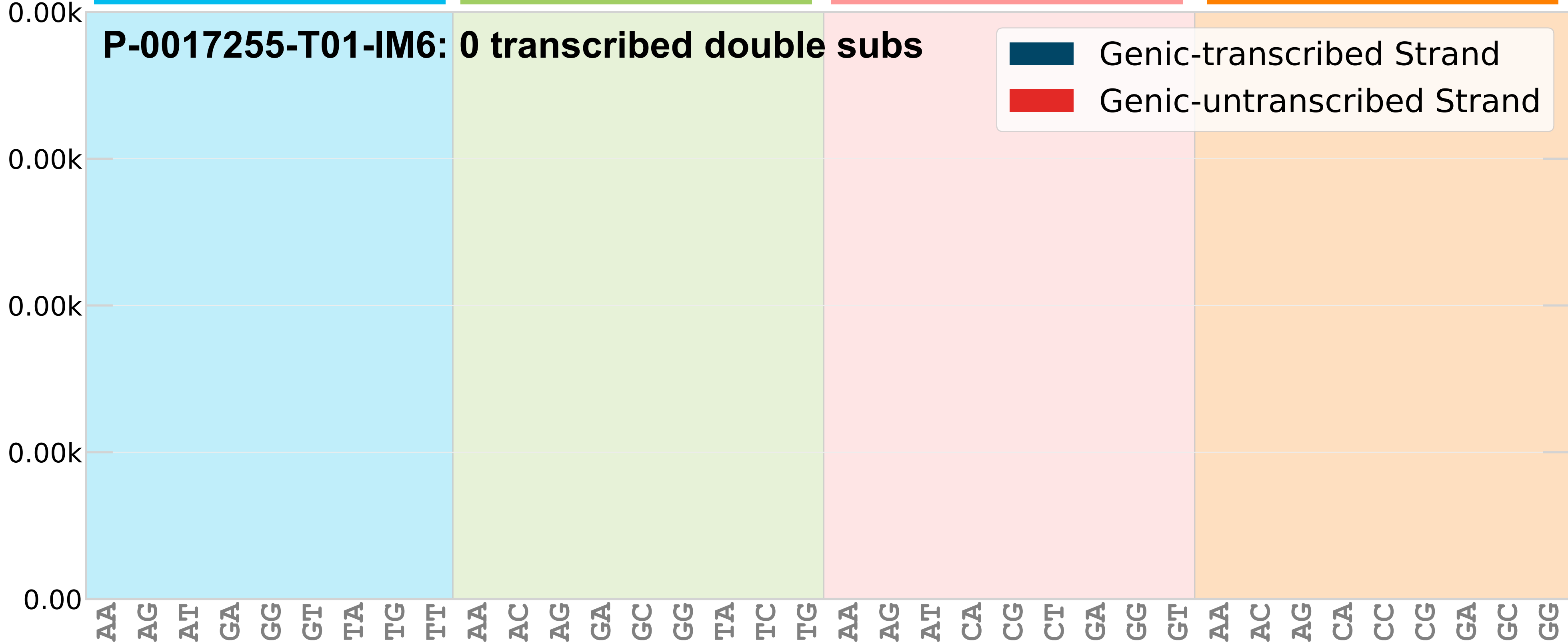


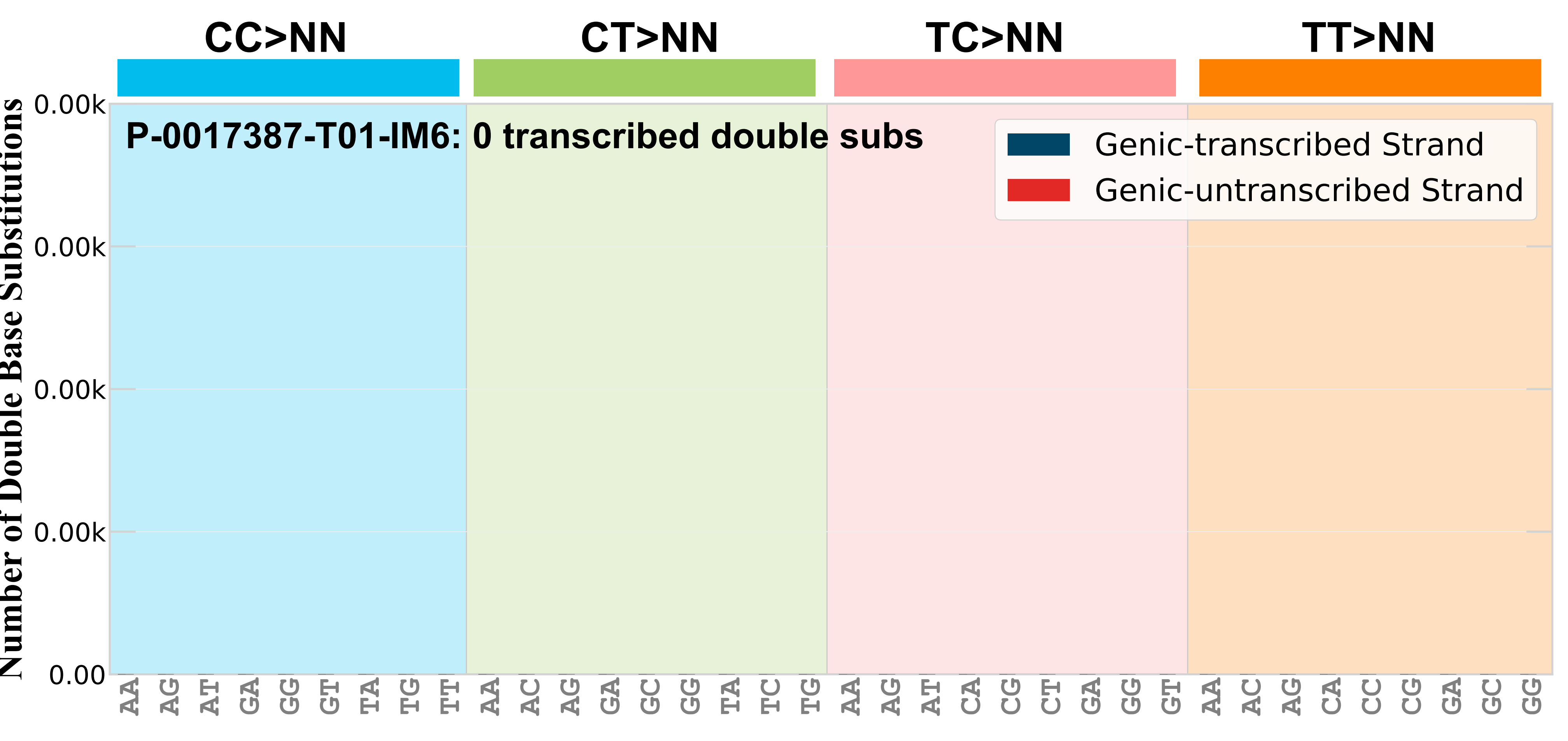


**TT>NN**

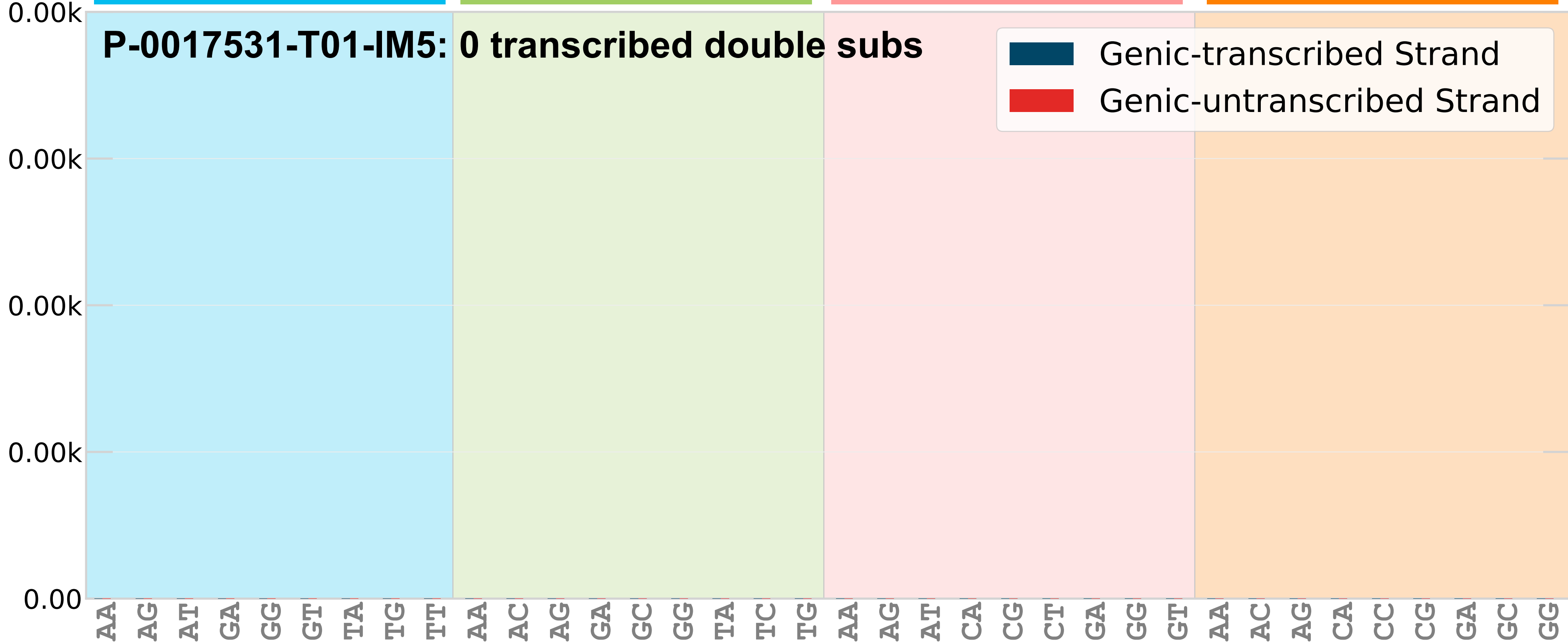


**TT>NN**

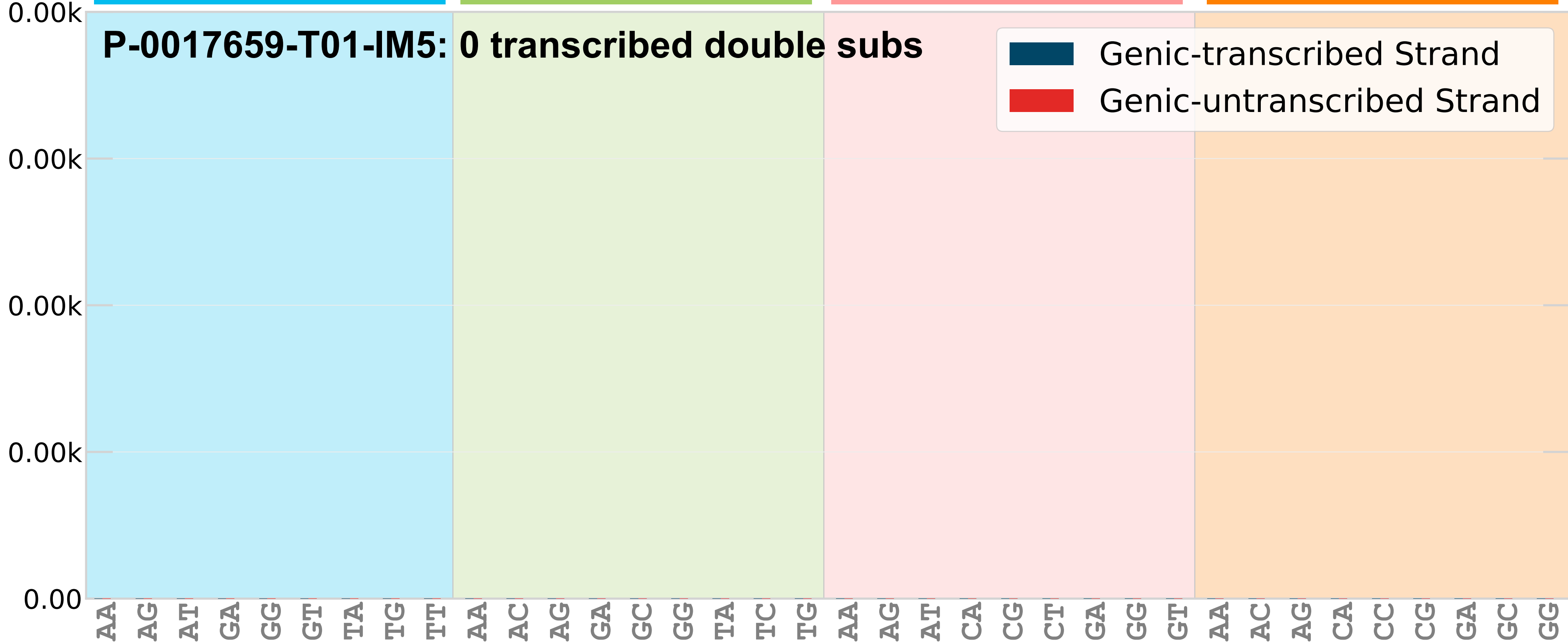




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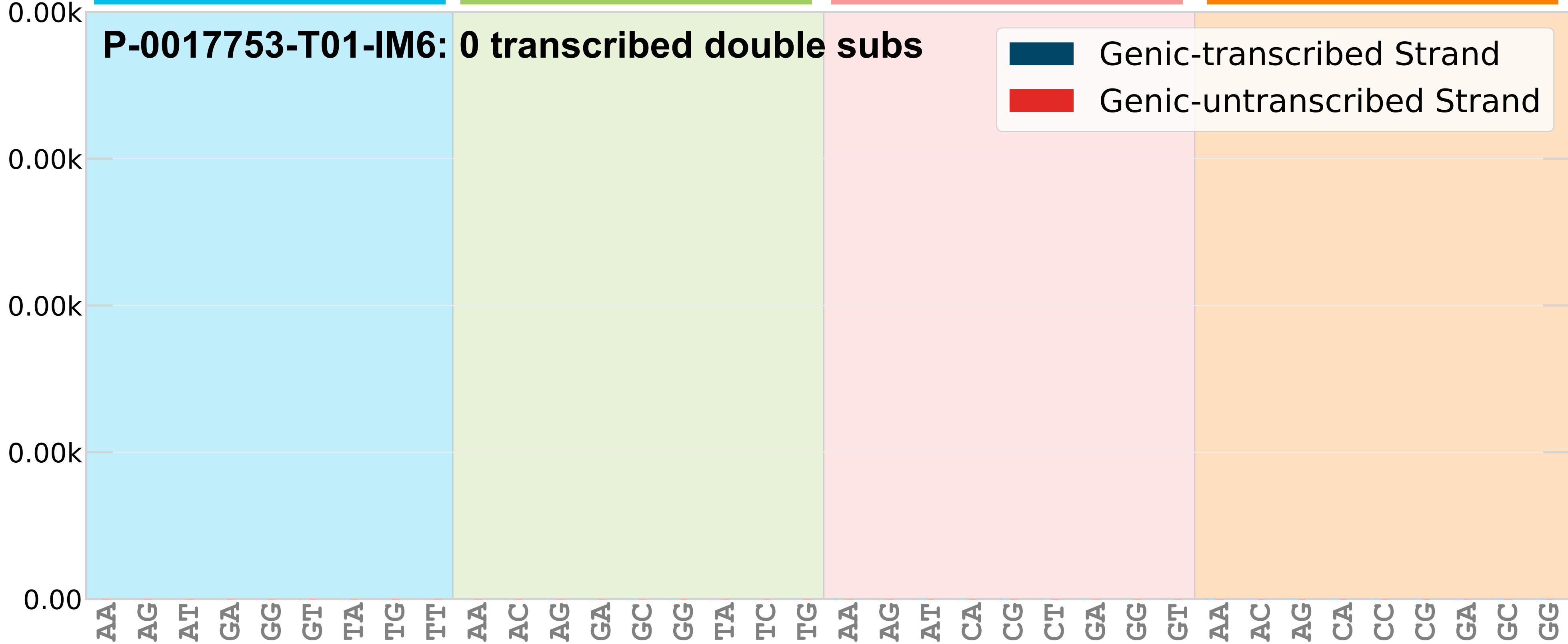
**TT>NN**

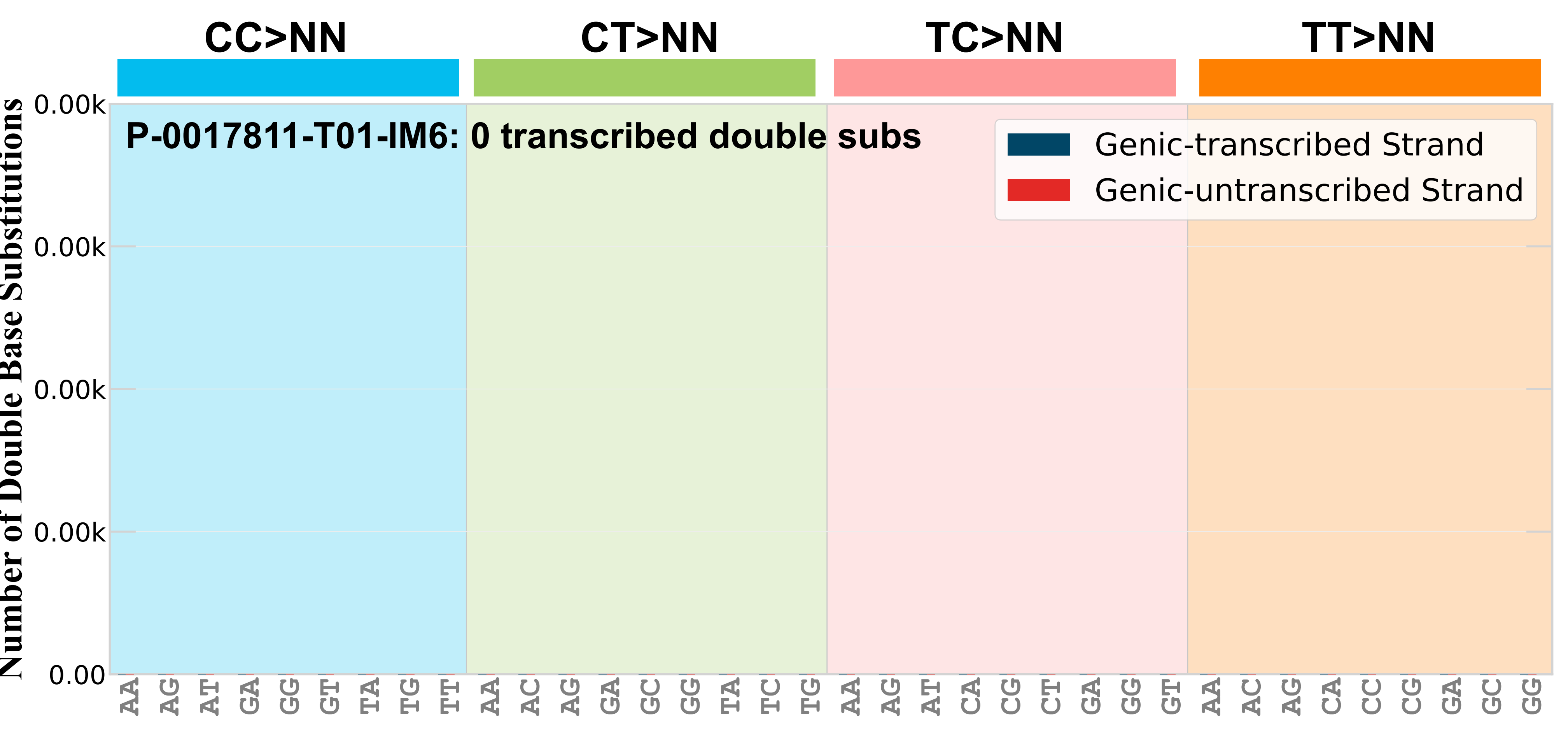




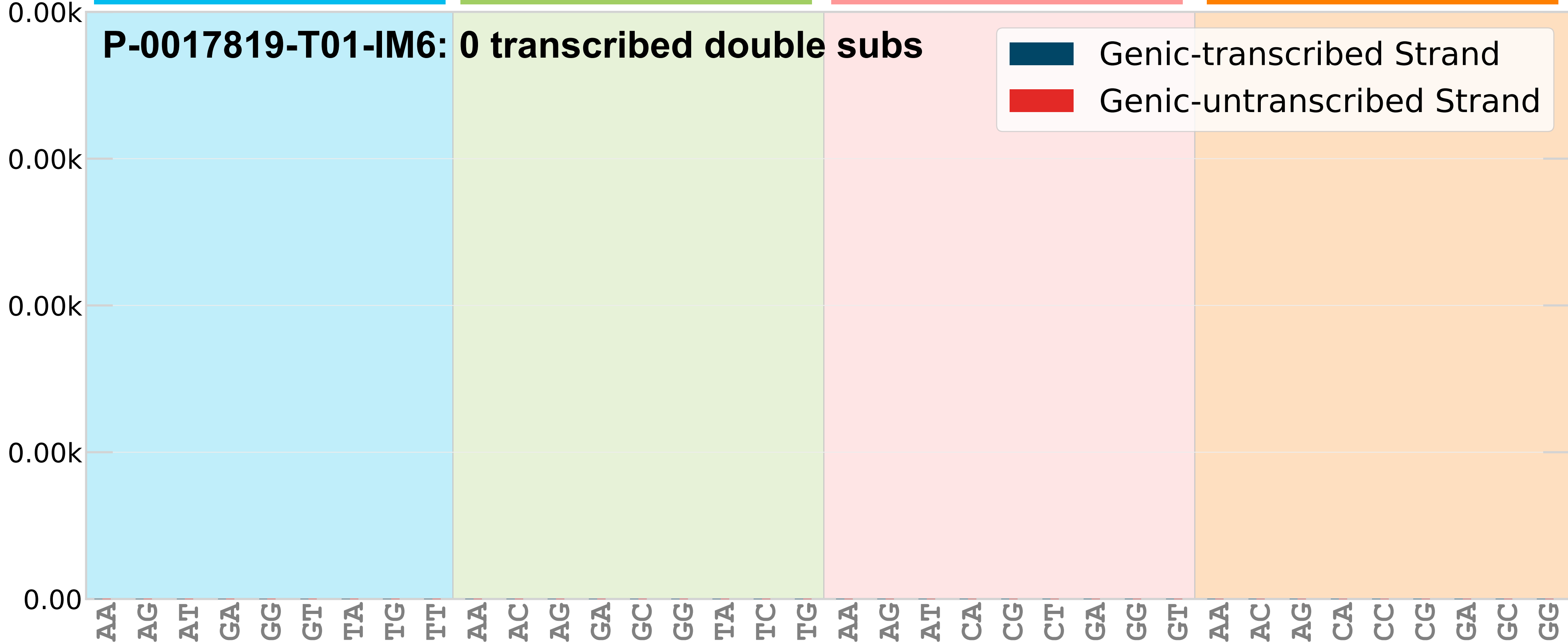


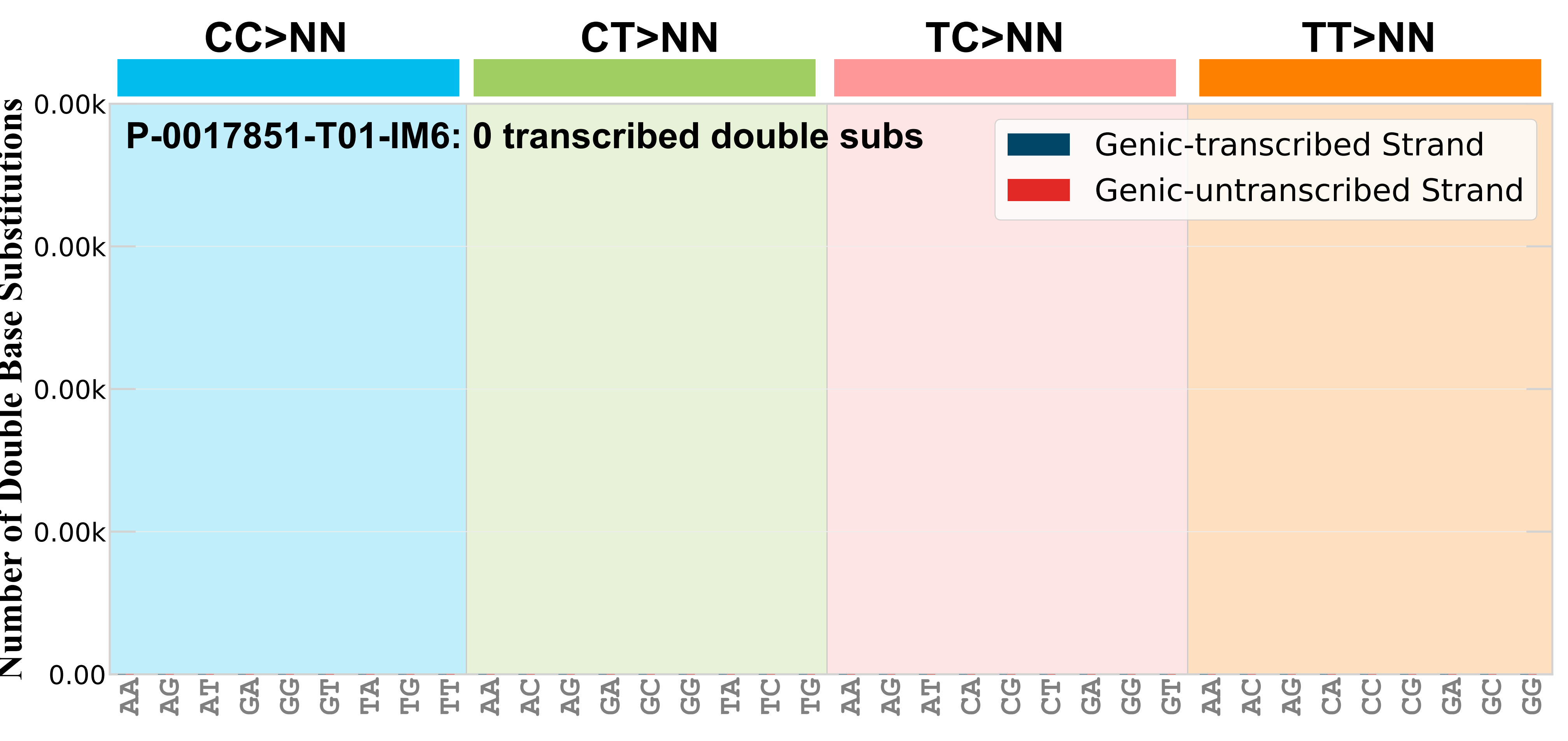
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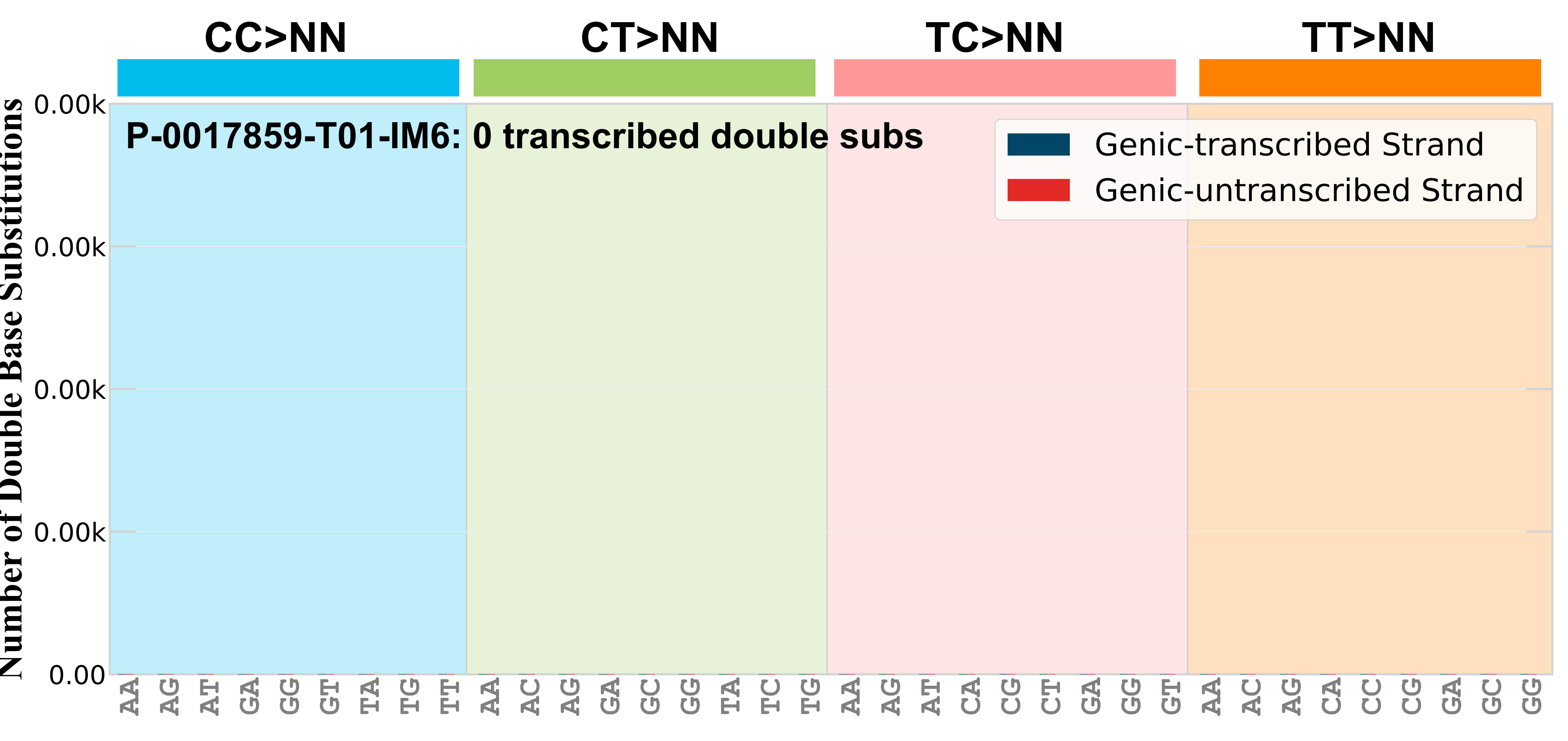


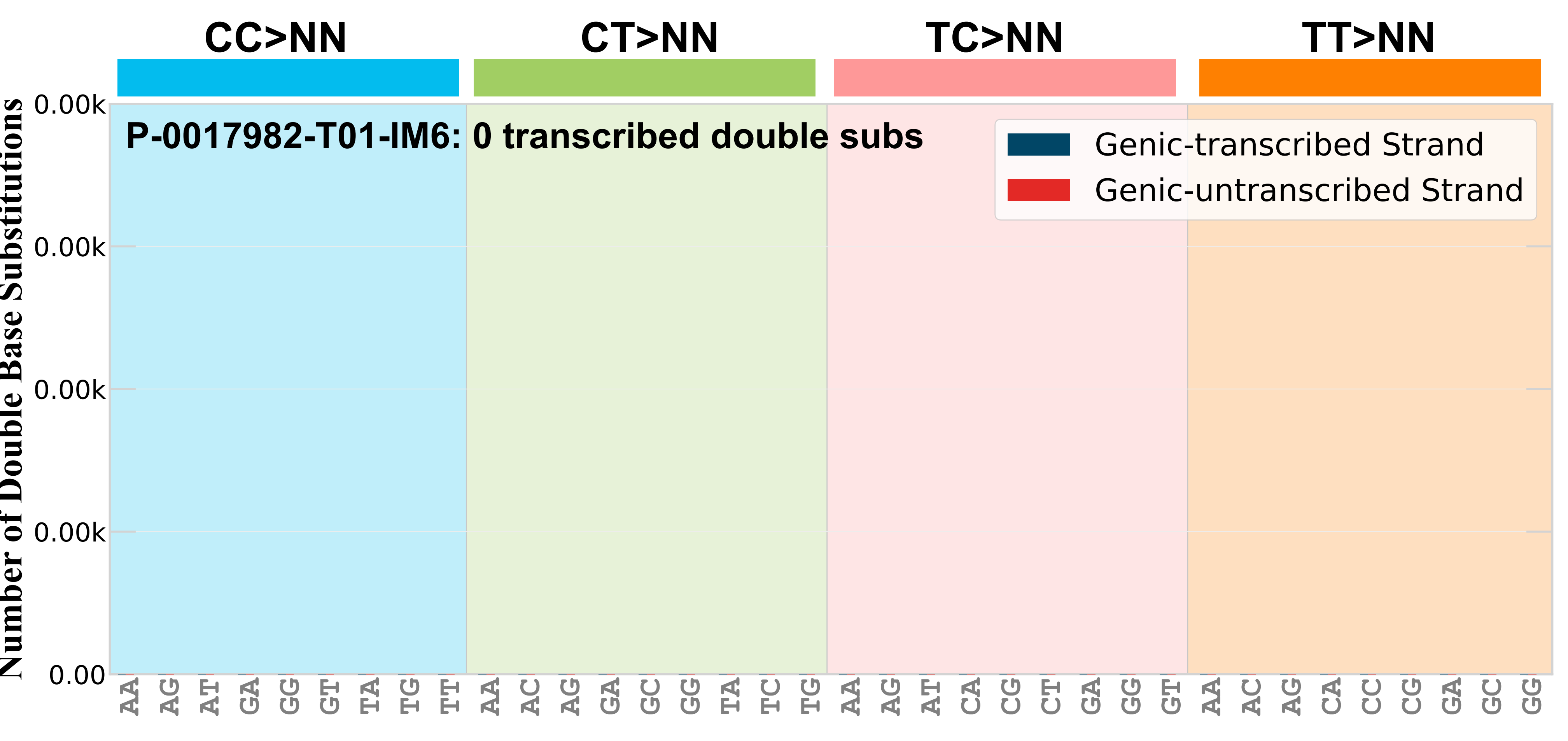


# TT>NN

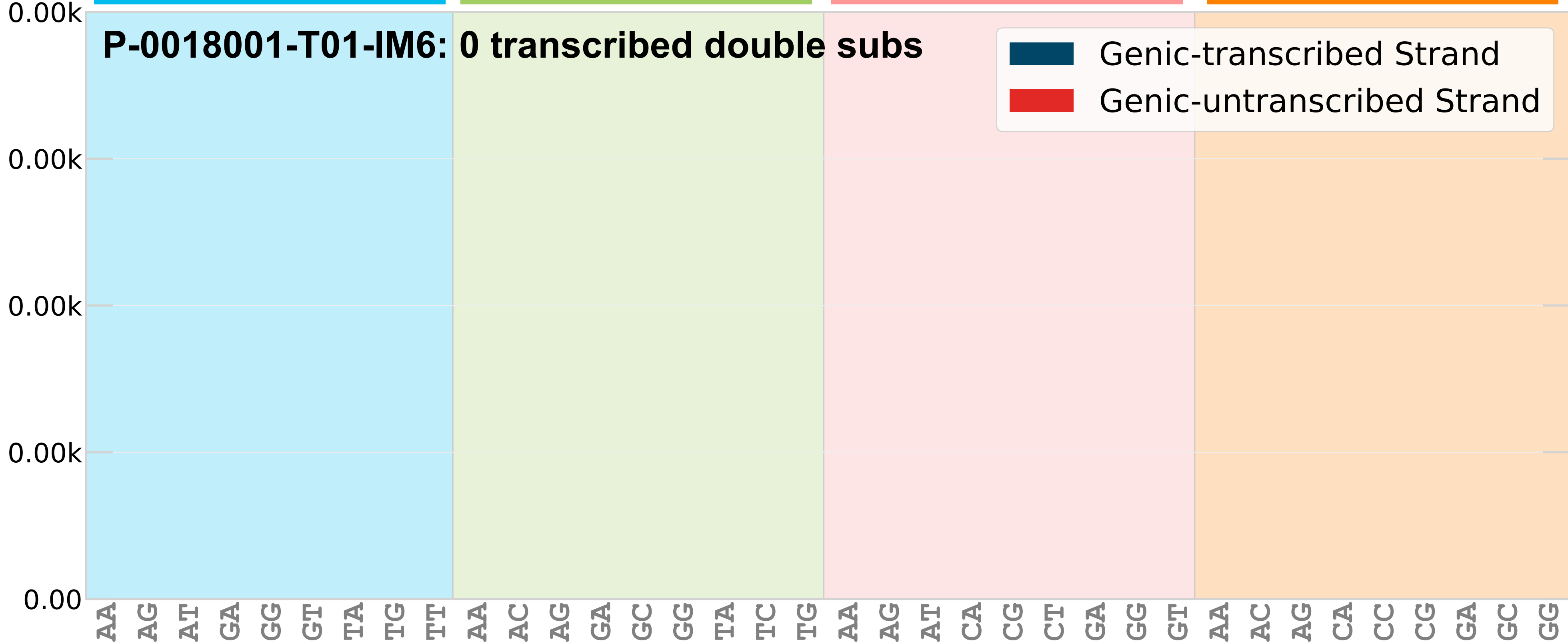






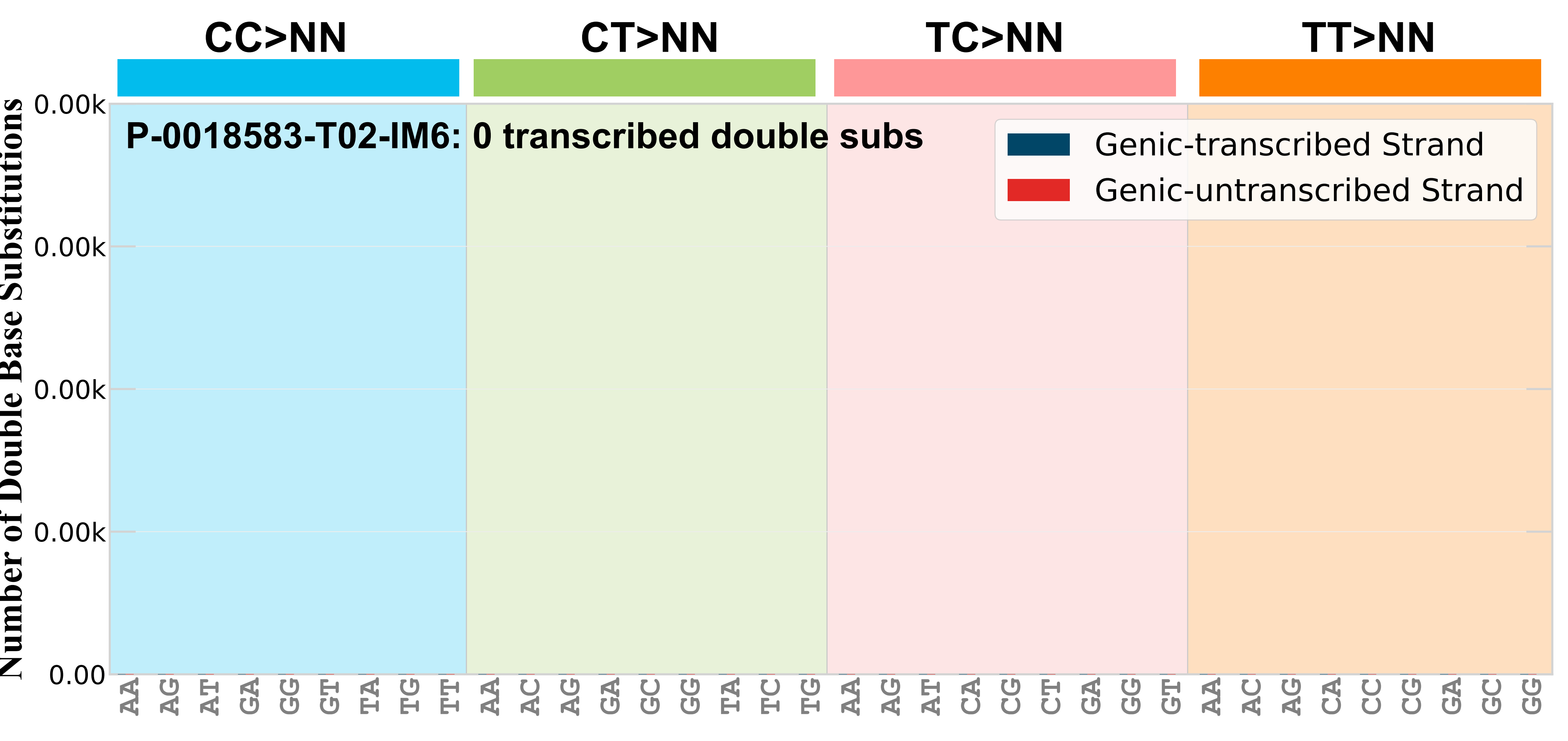


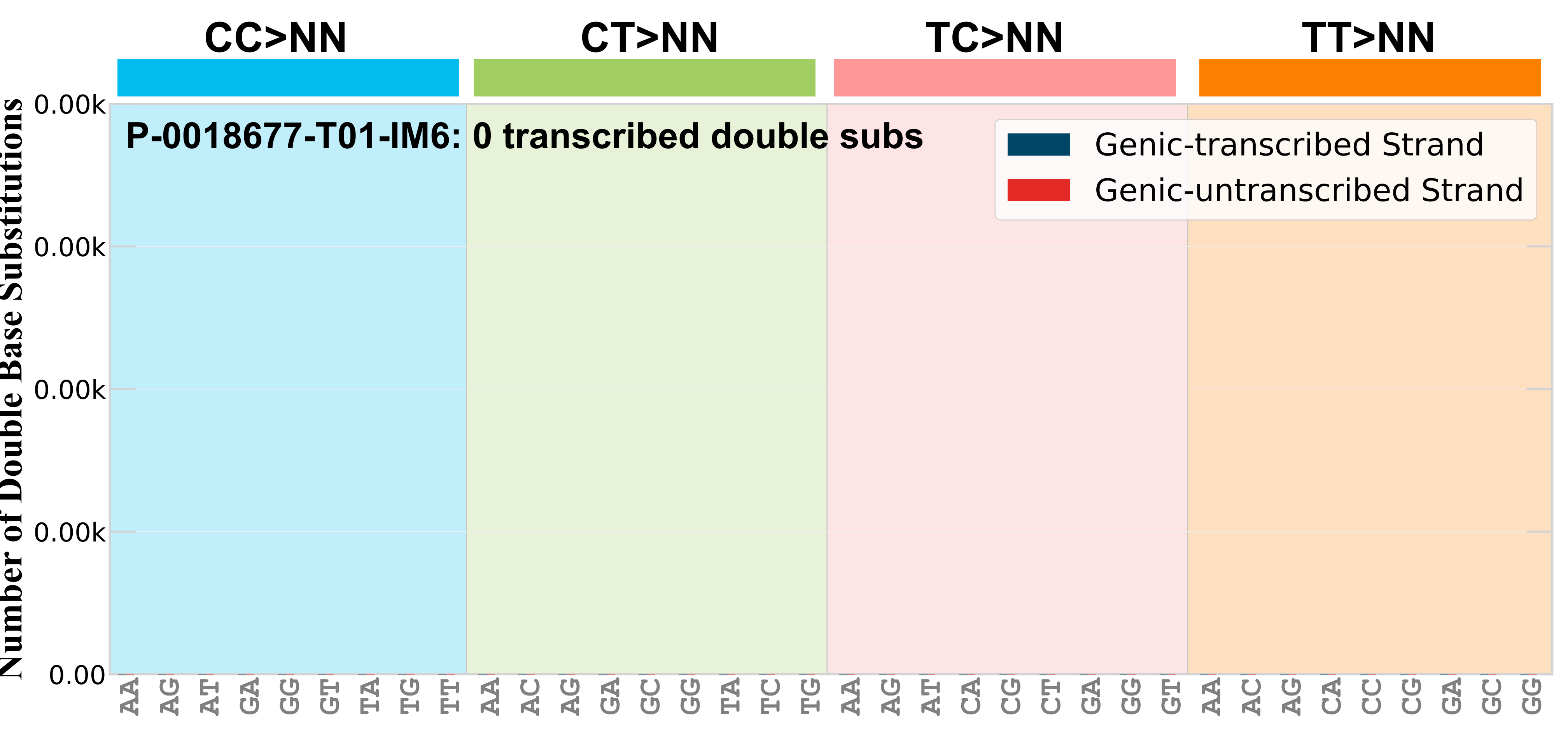
# TT>NN



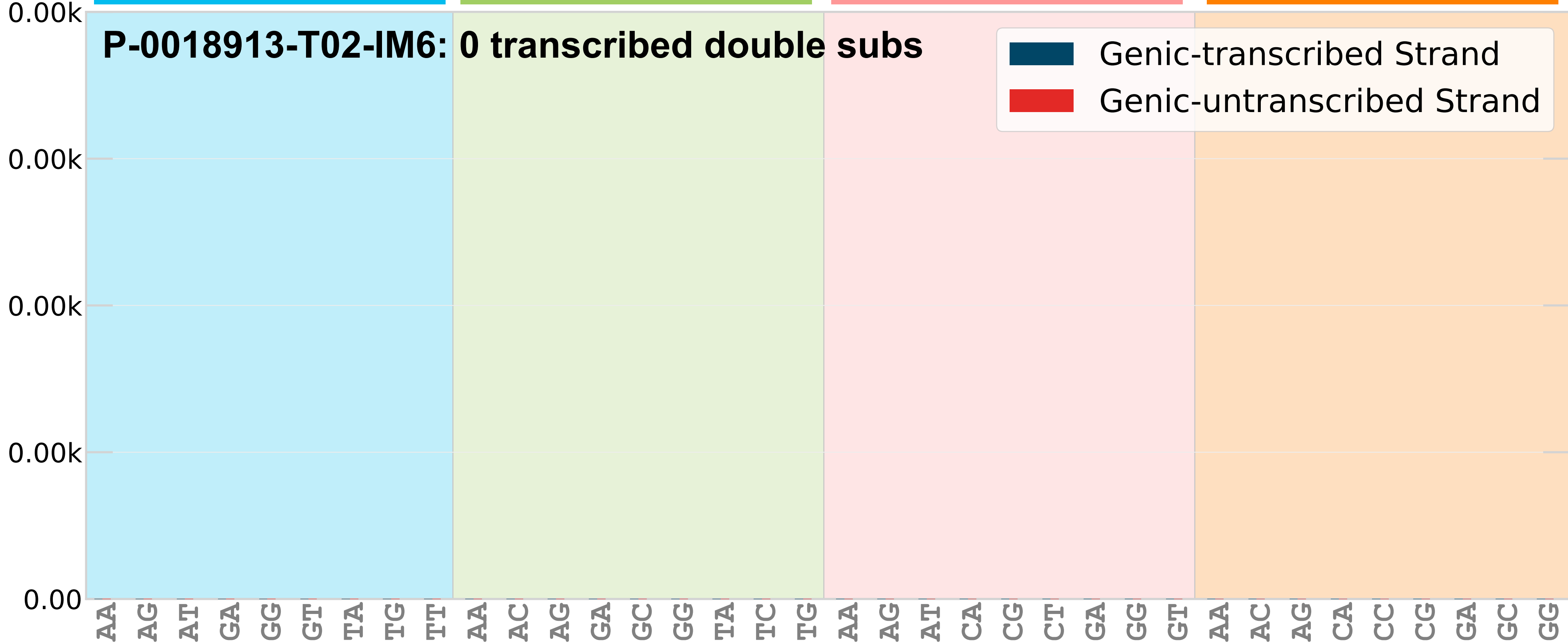




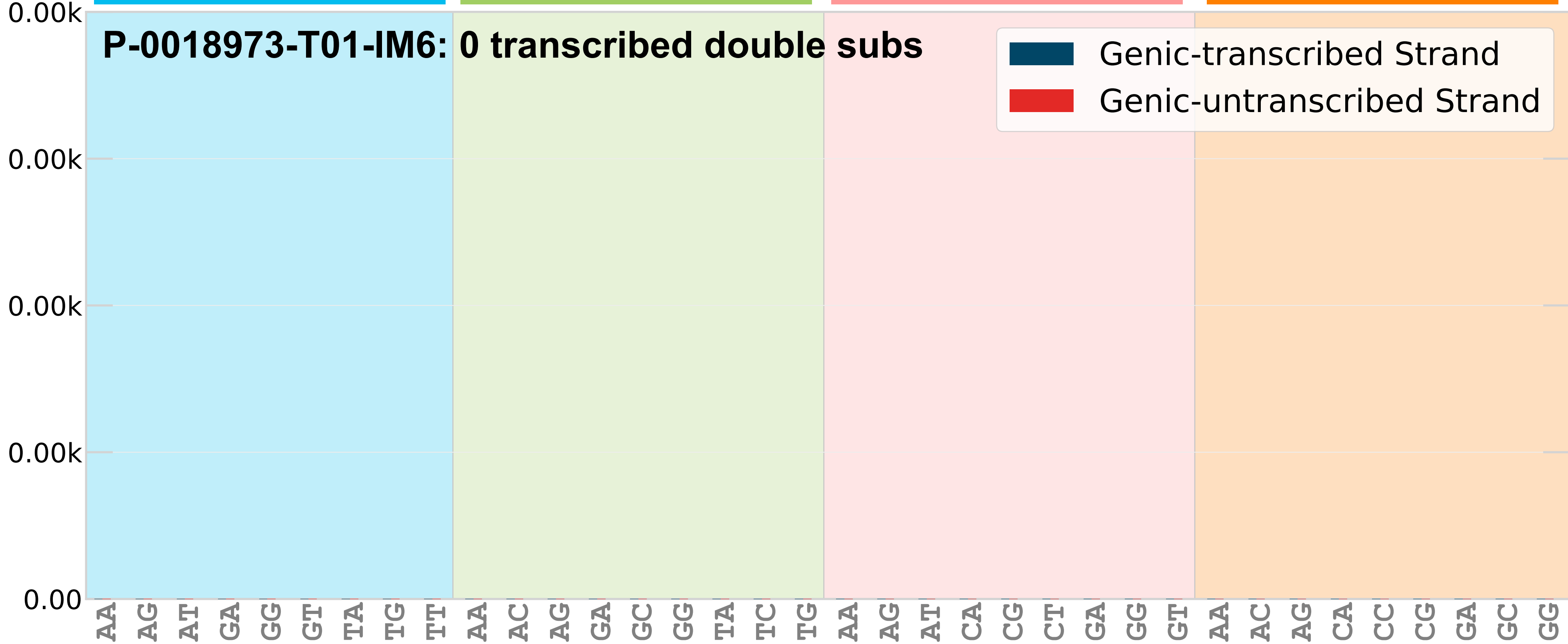




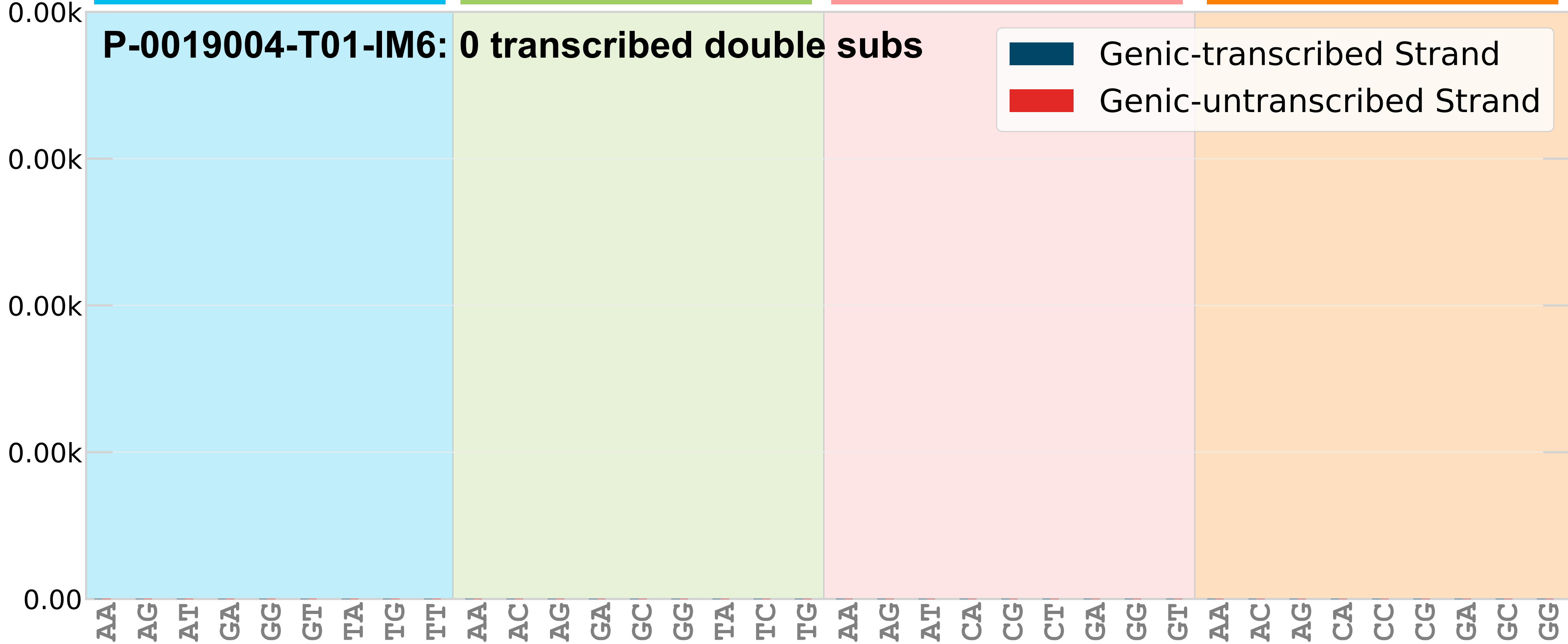
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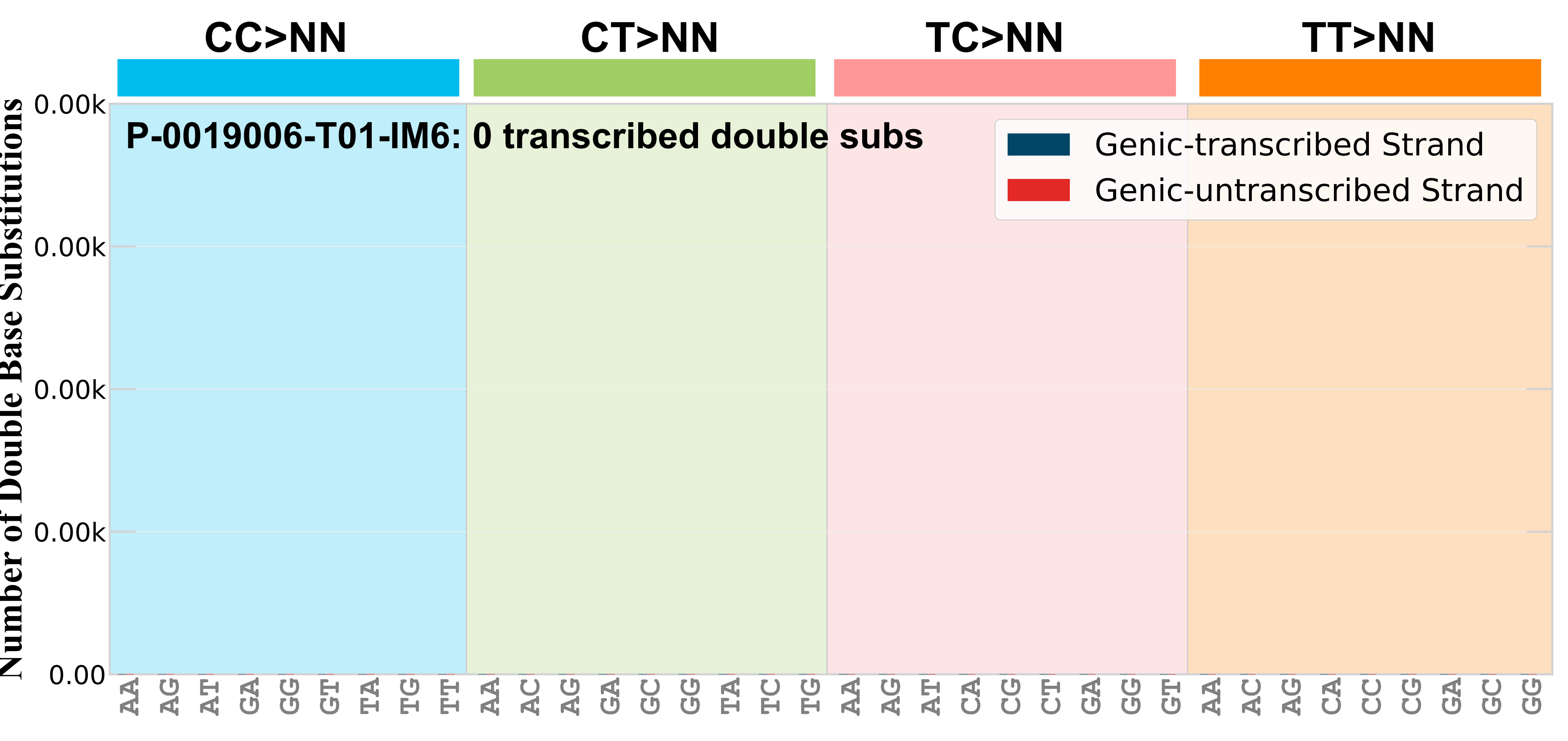


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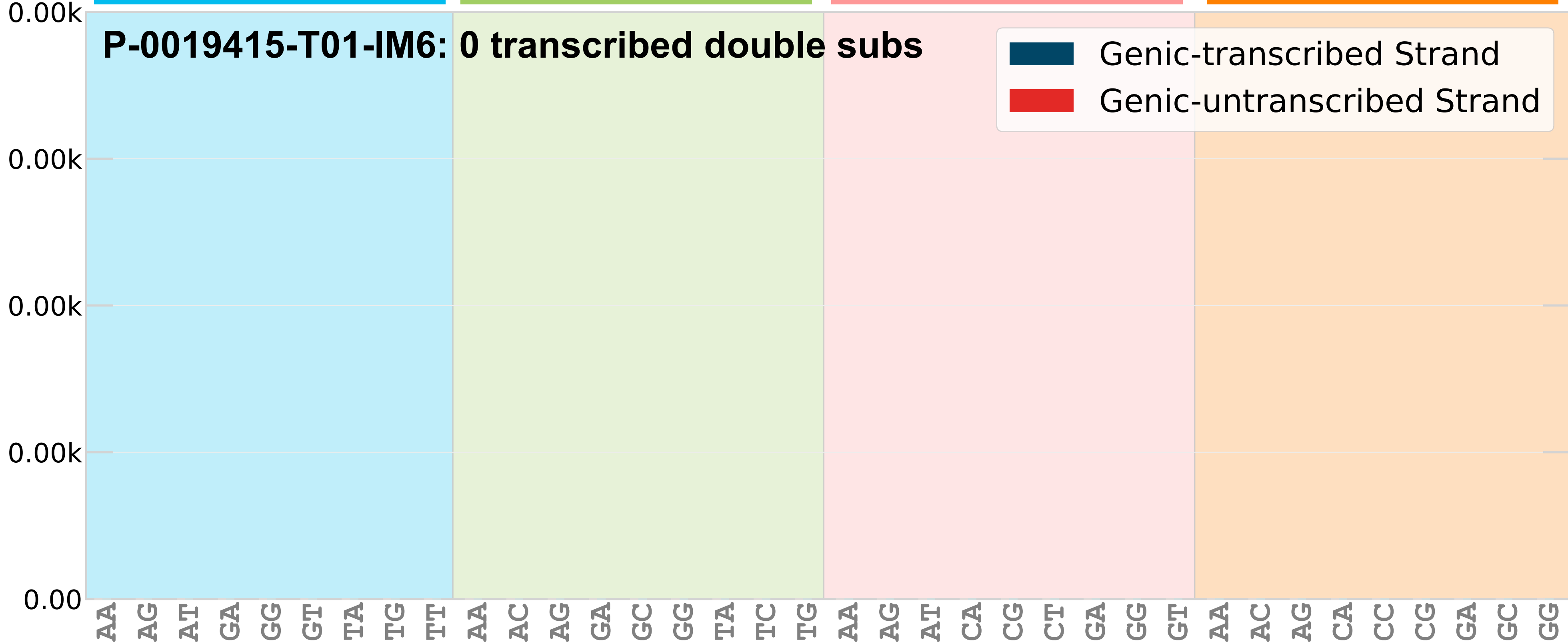


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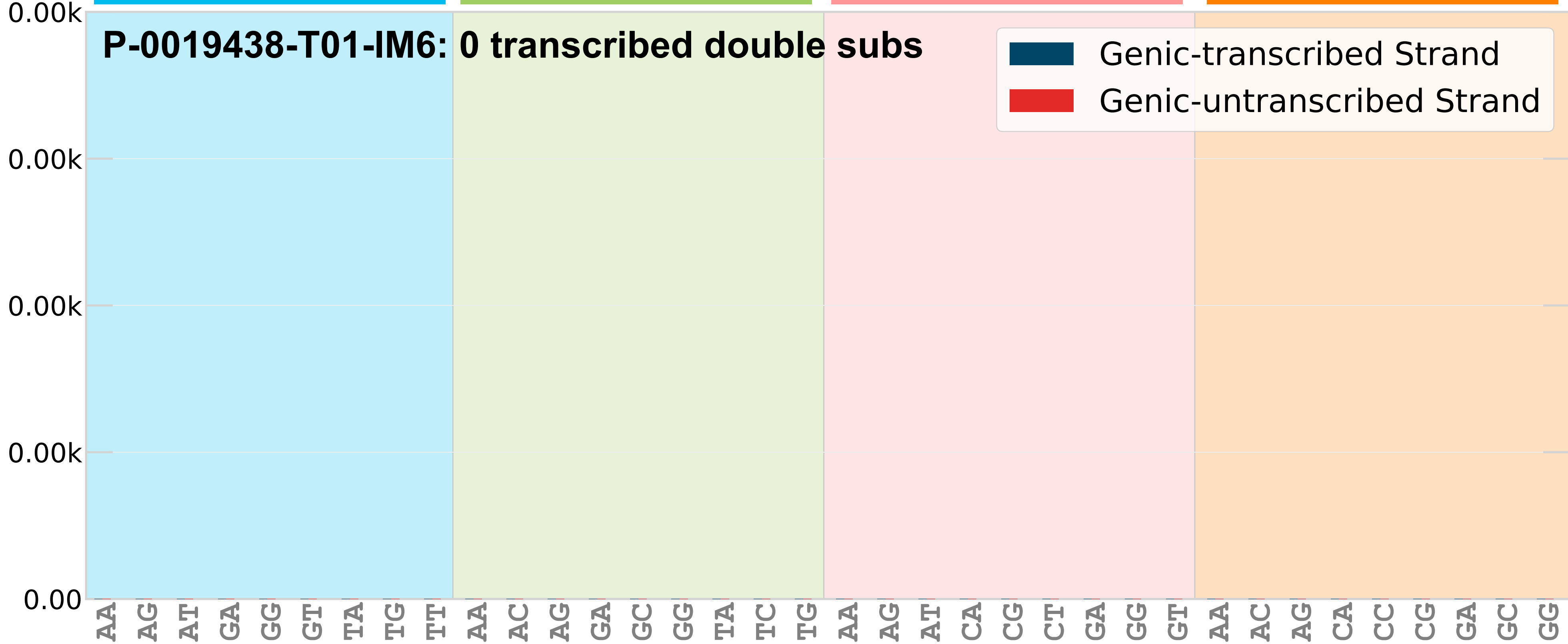




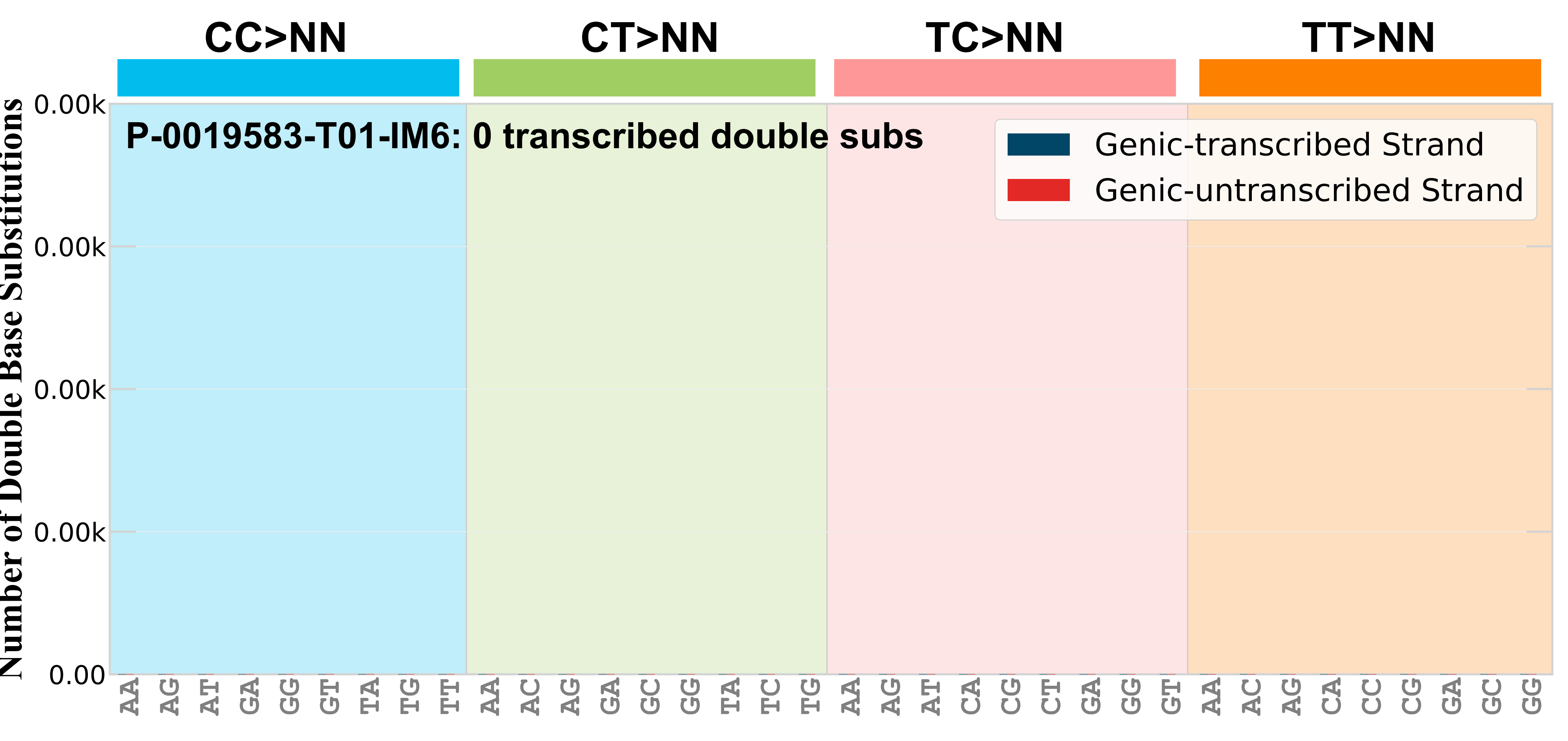
# TT>NN



**TT>NN**



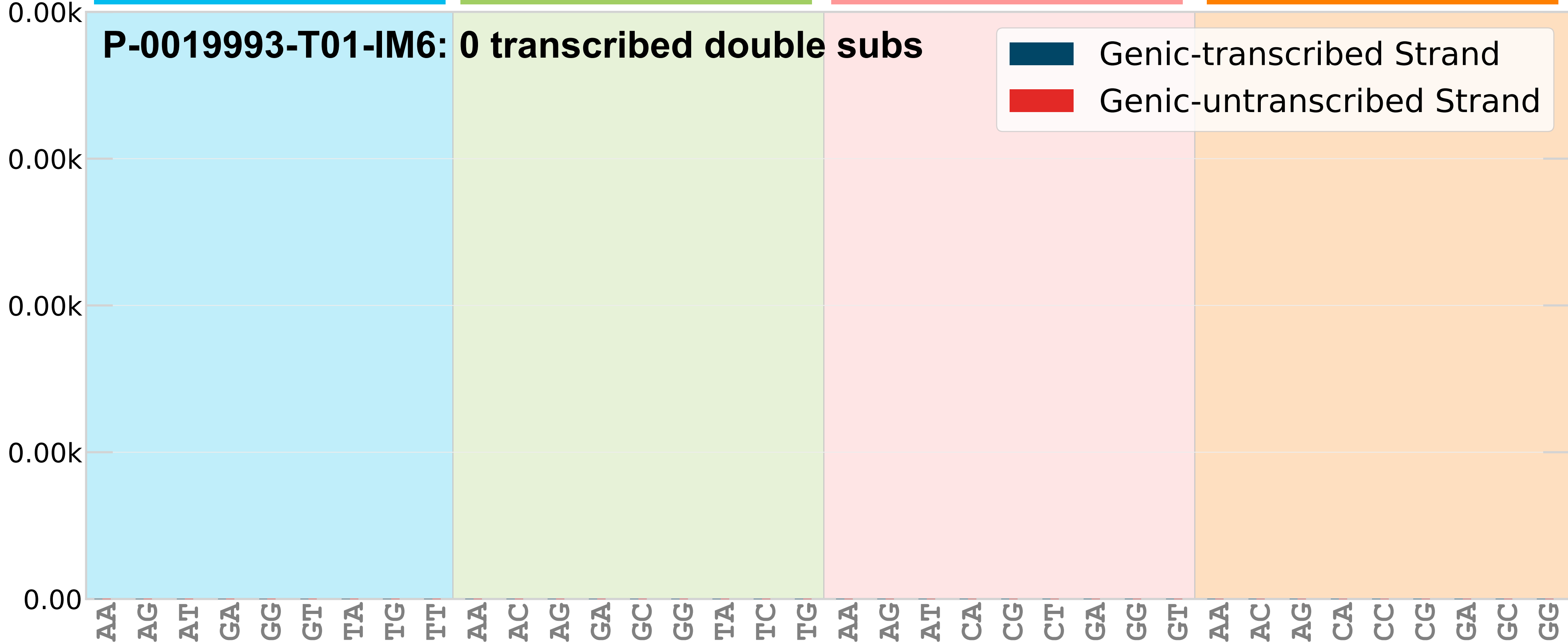


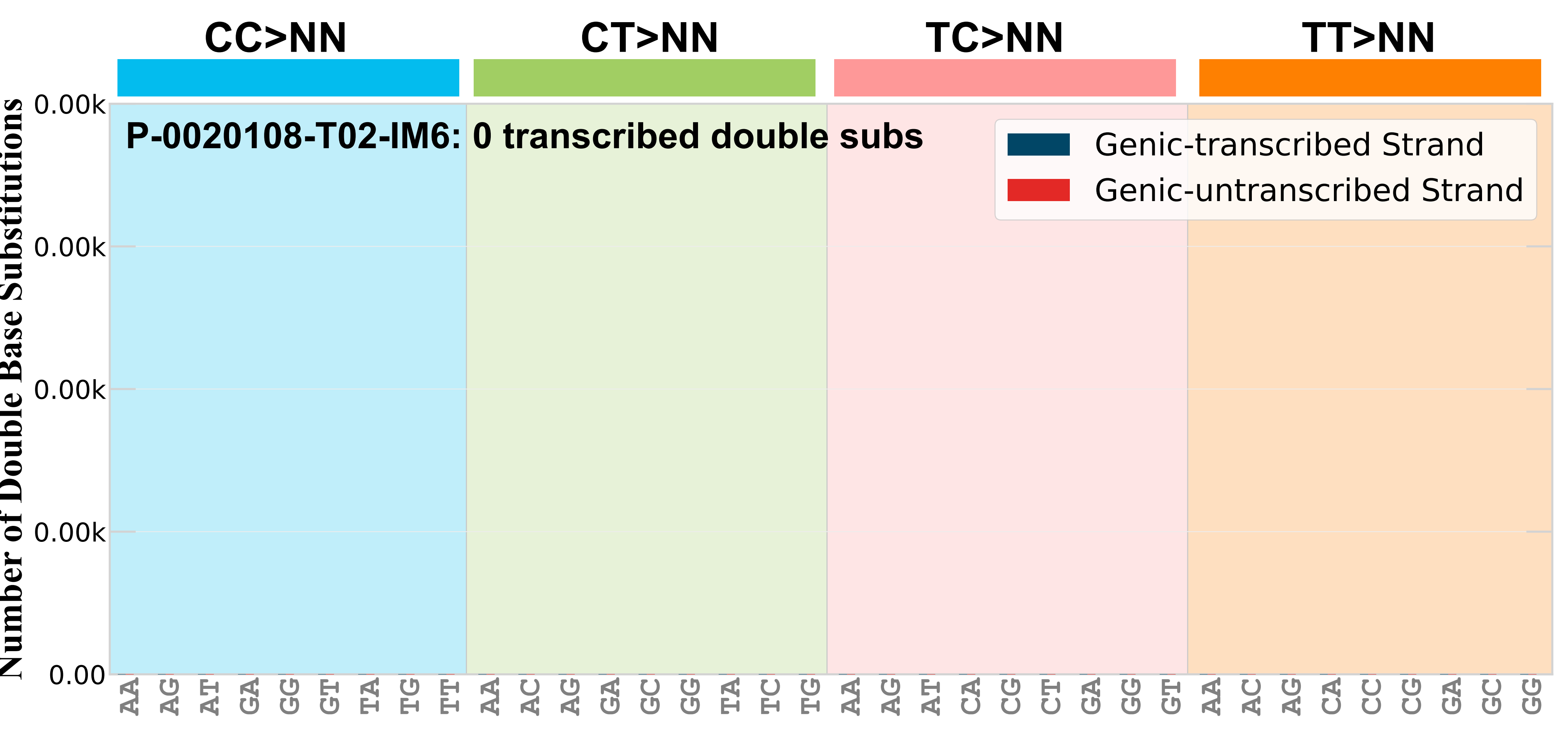


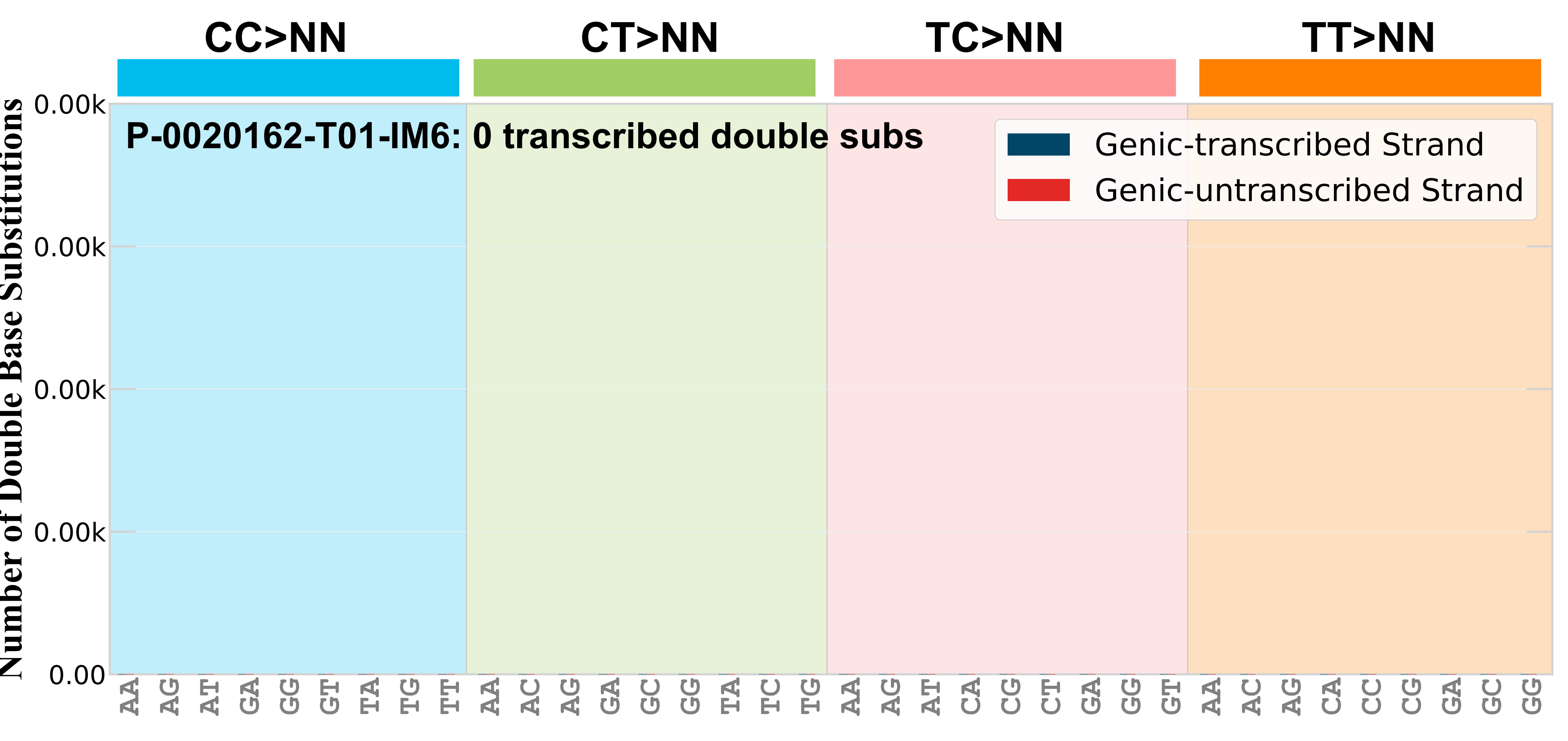


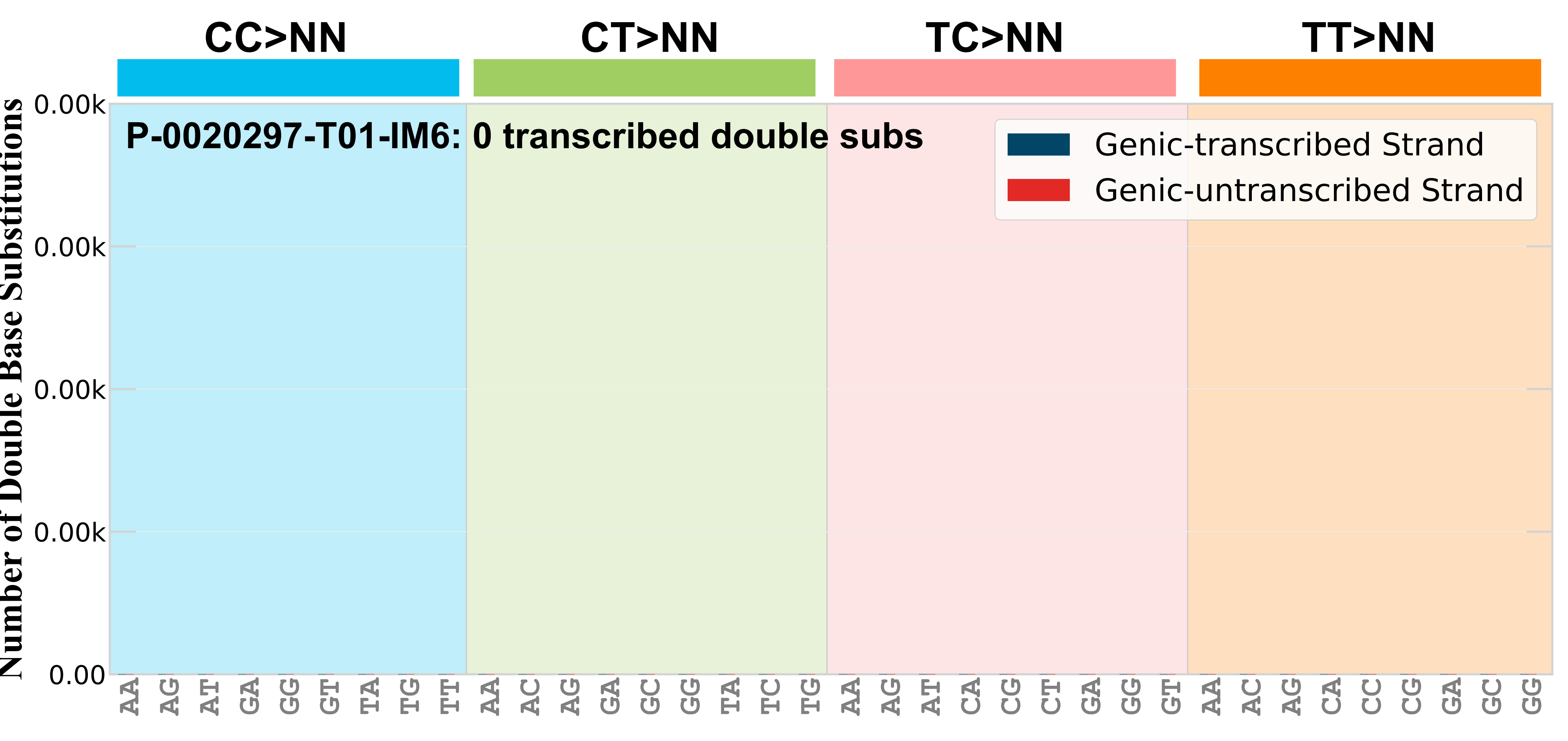


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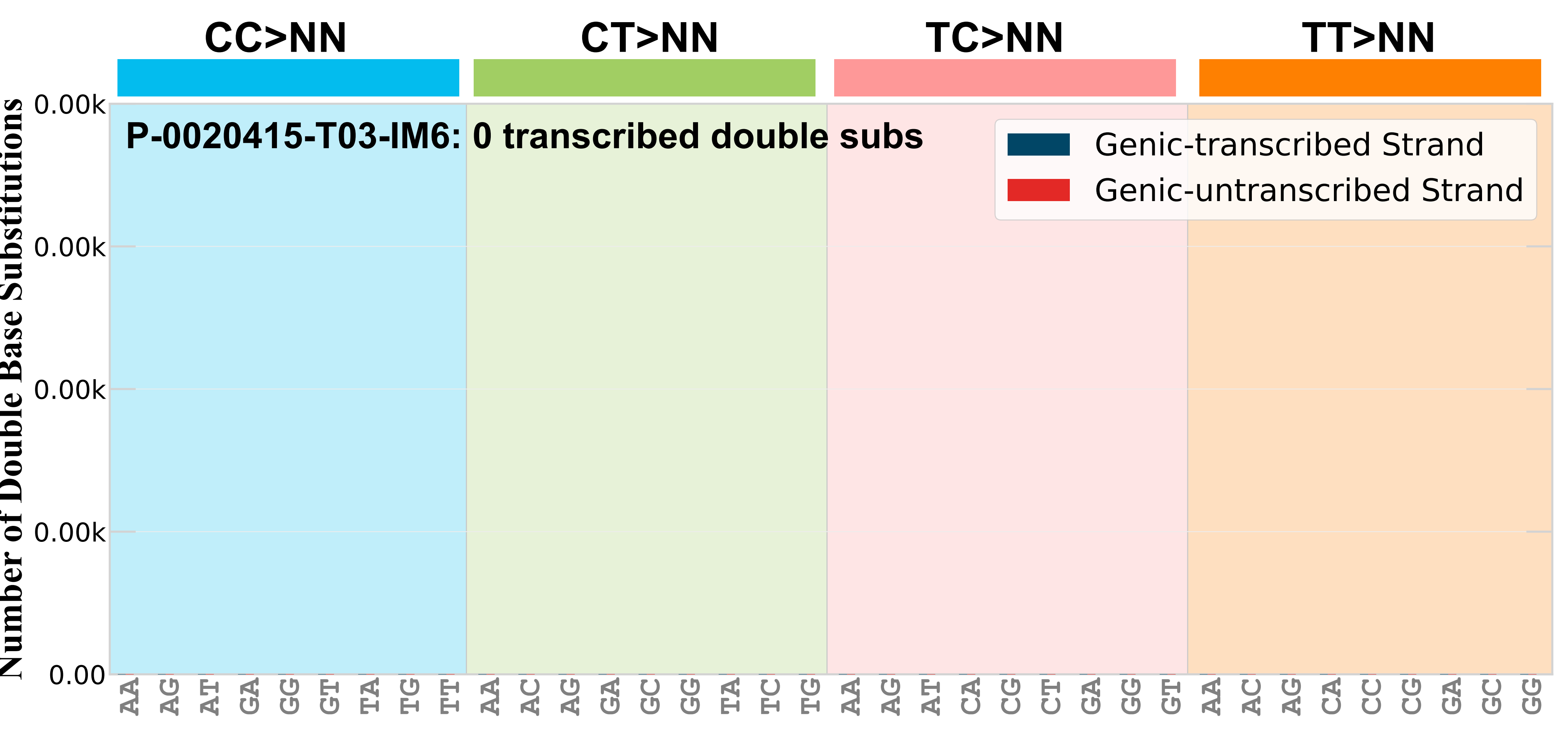




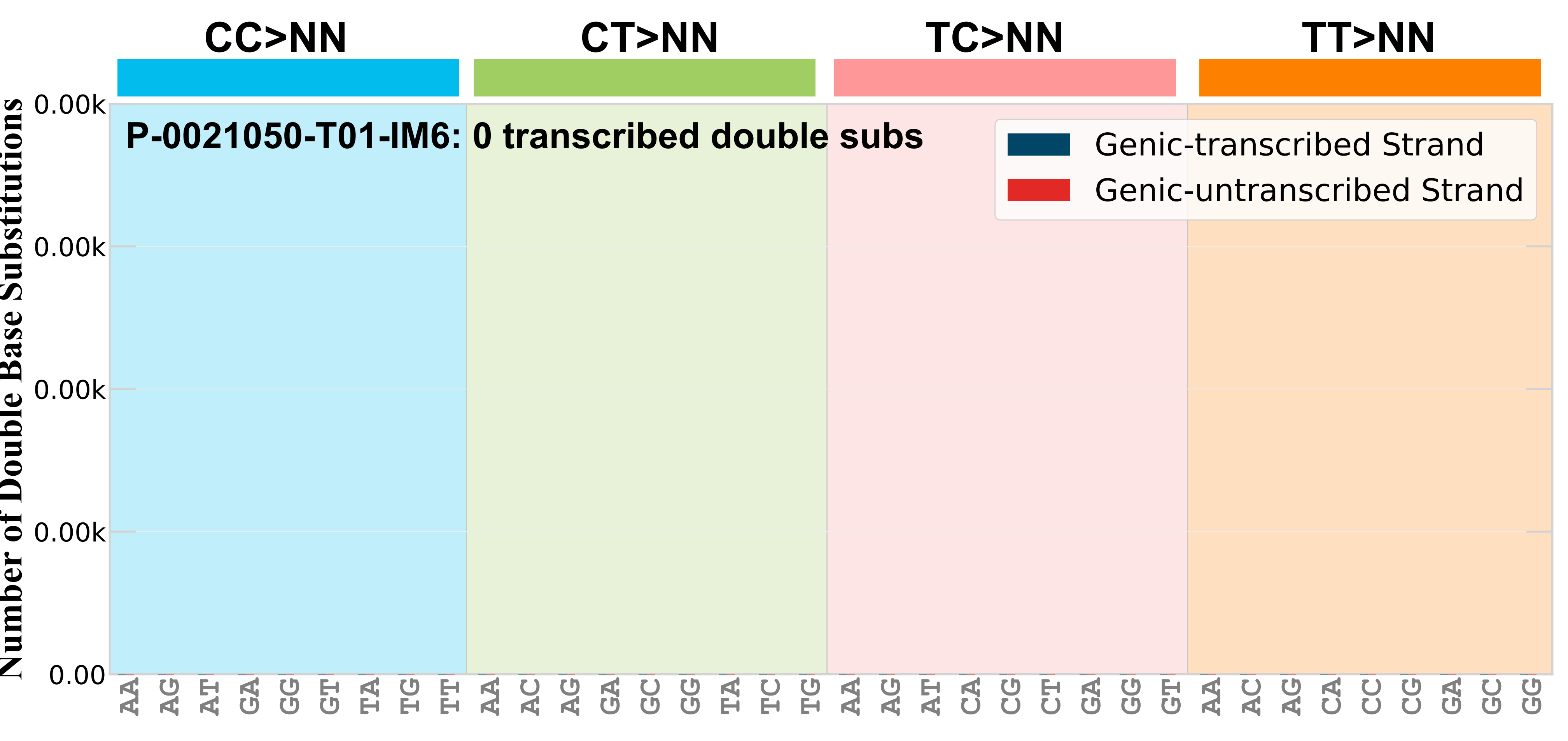




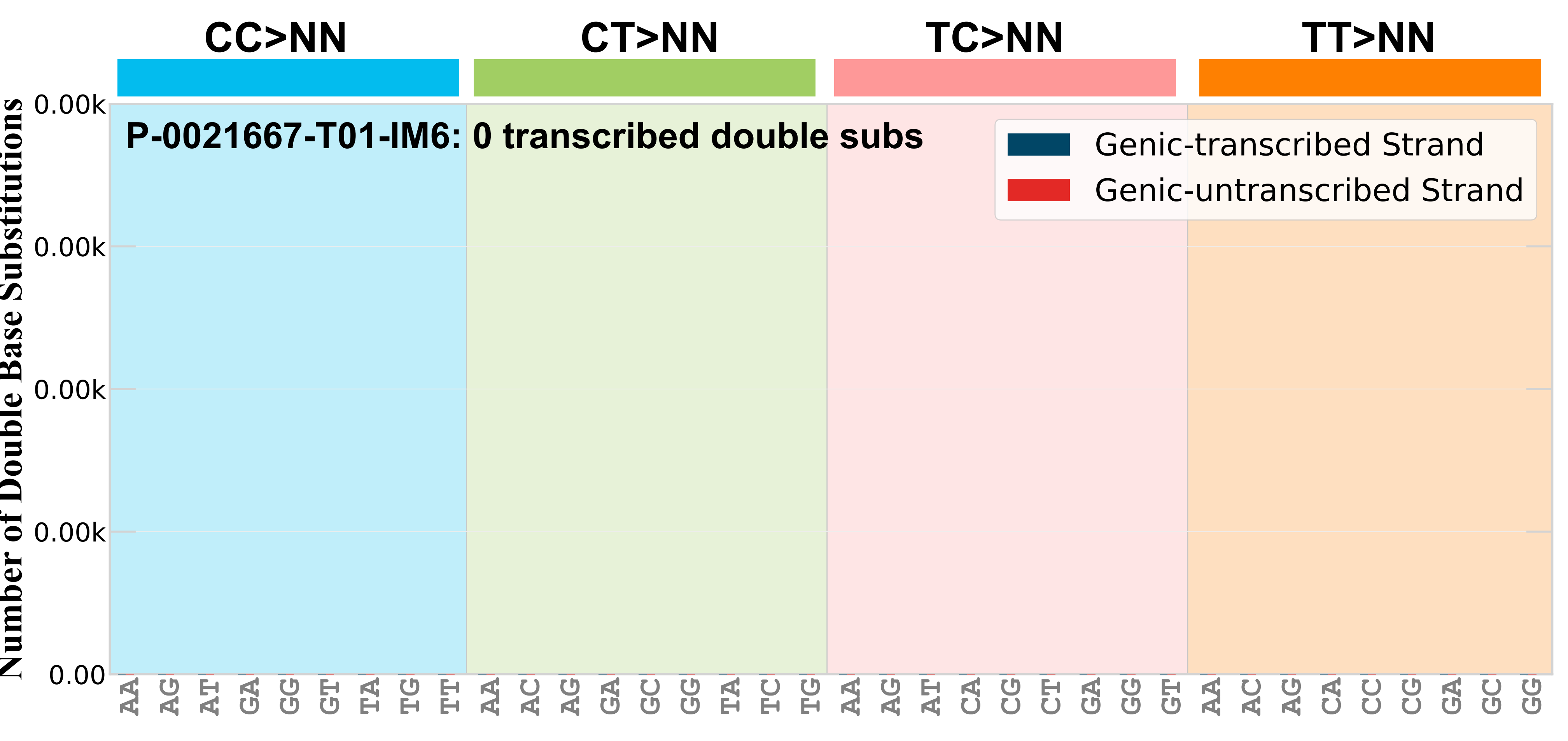


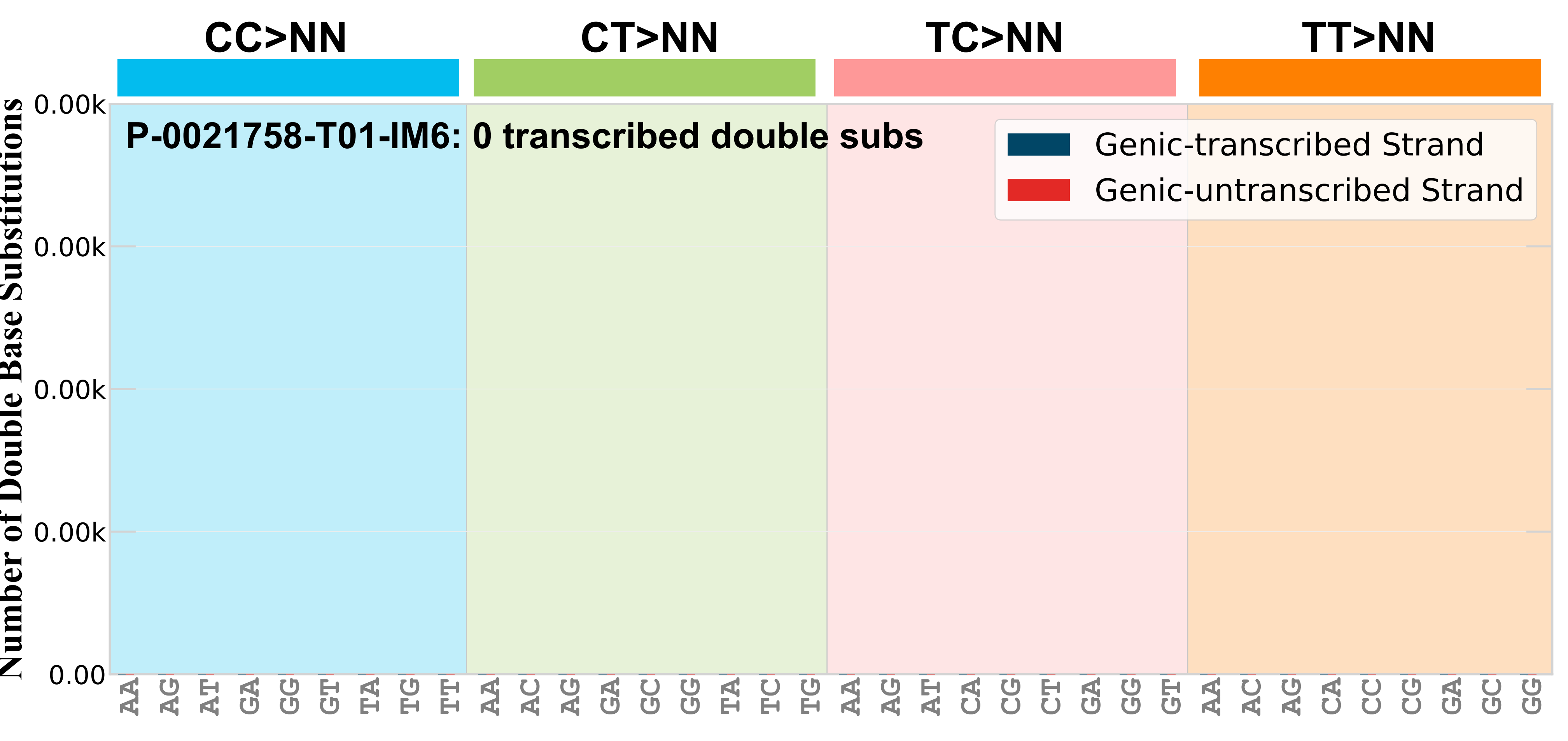




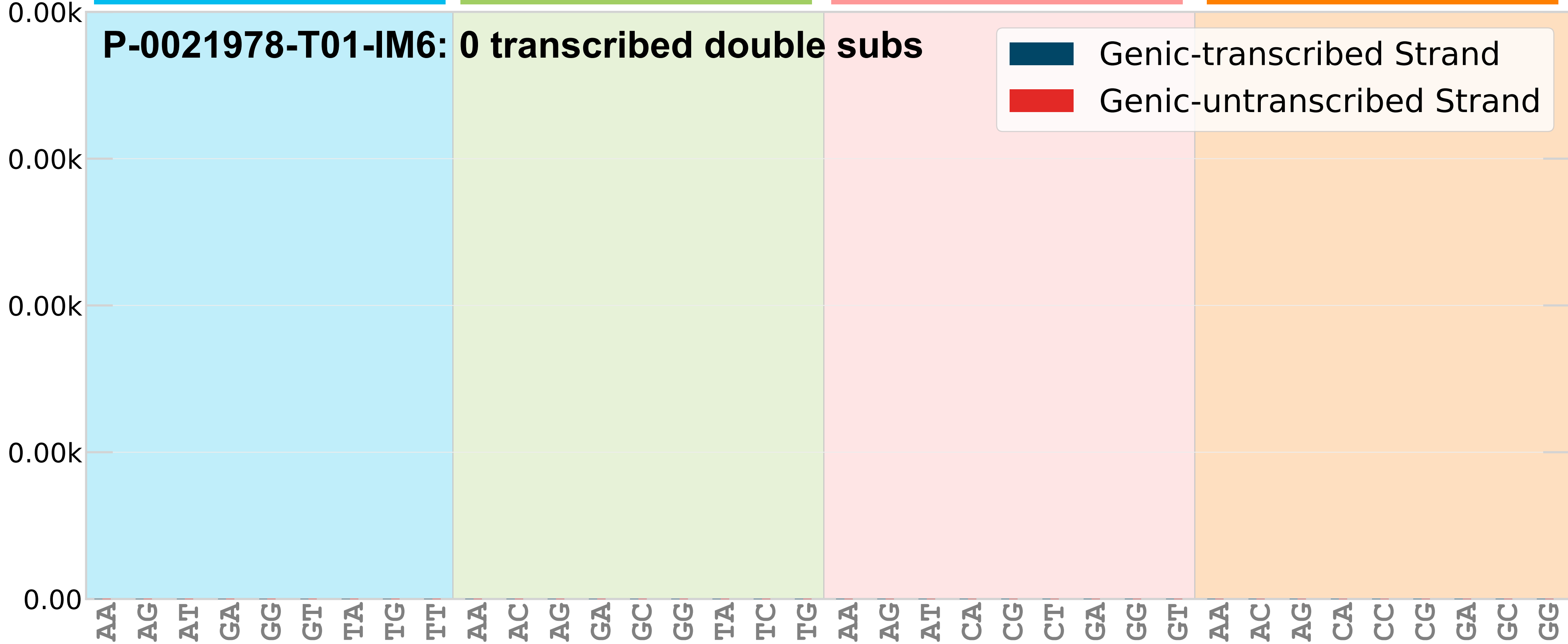


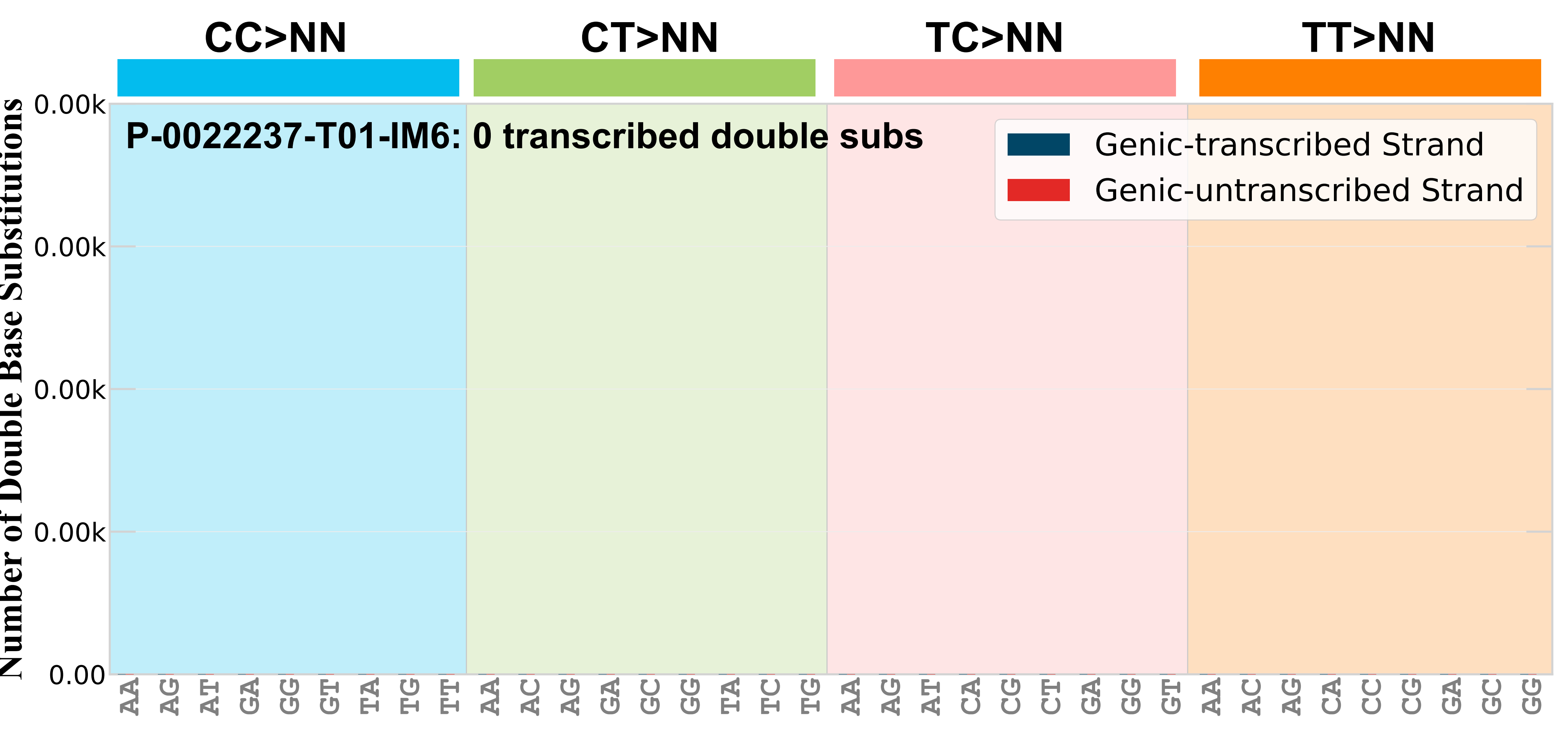




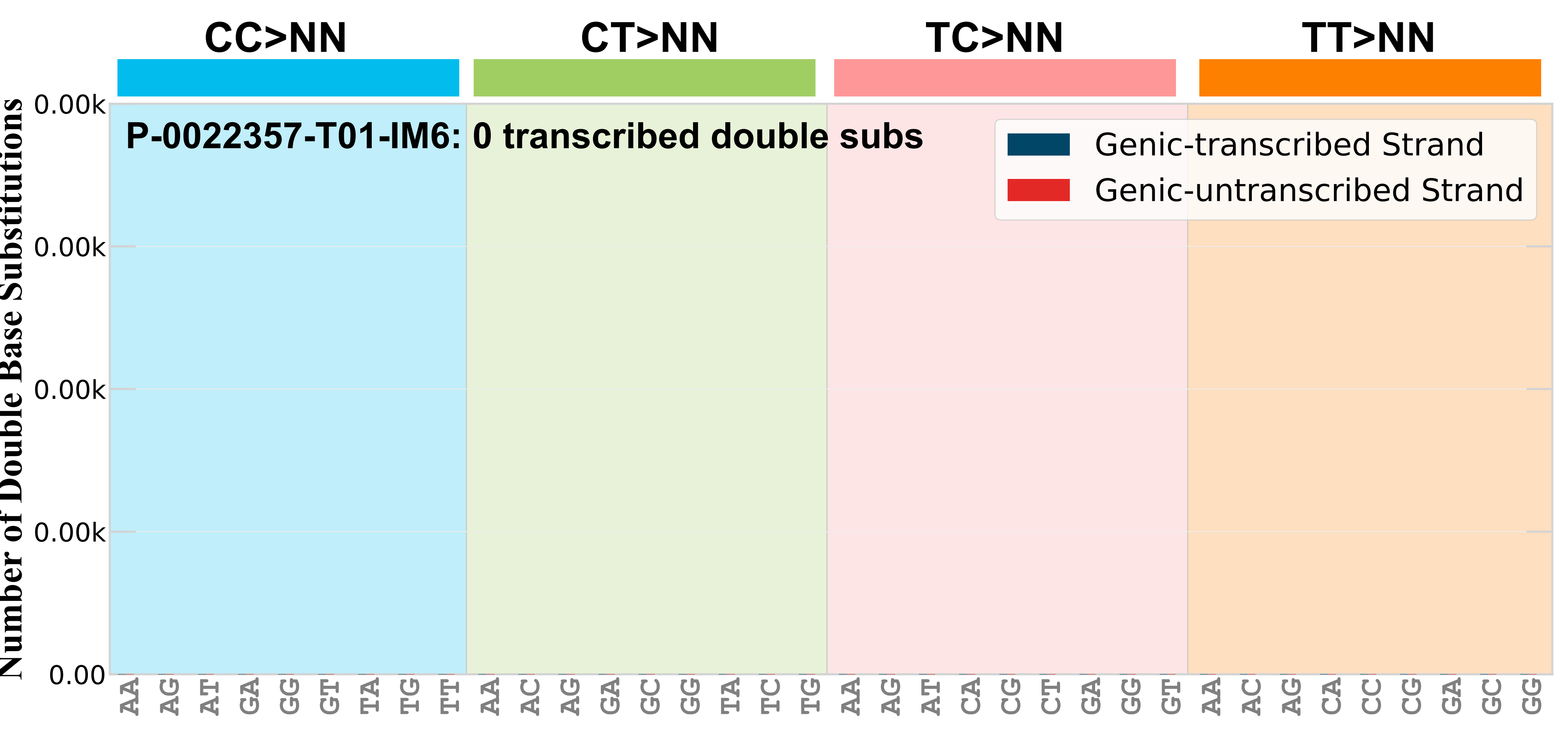


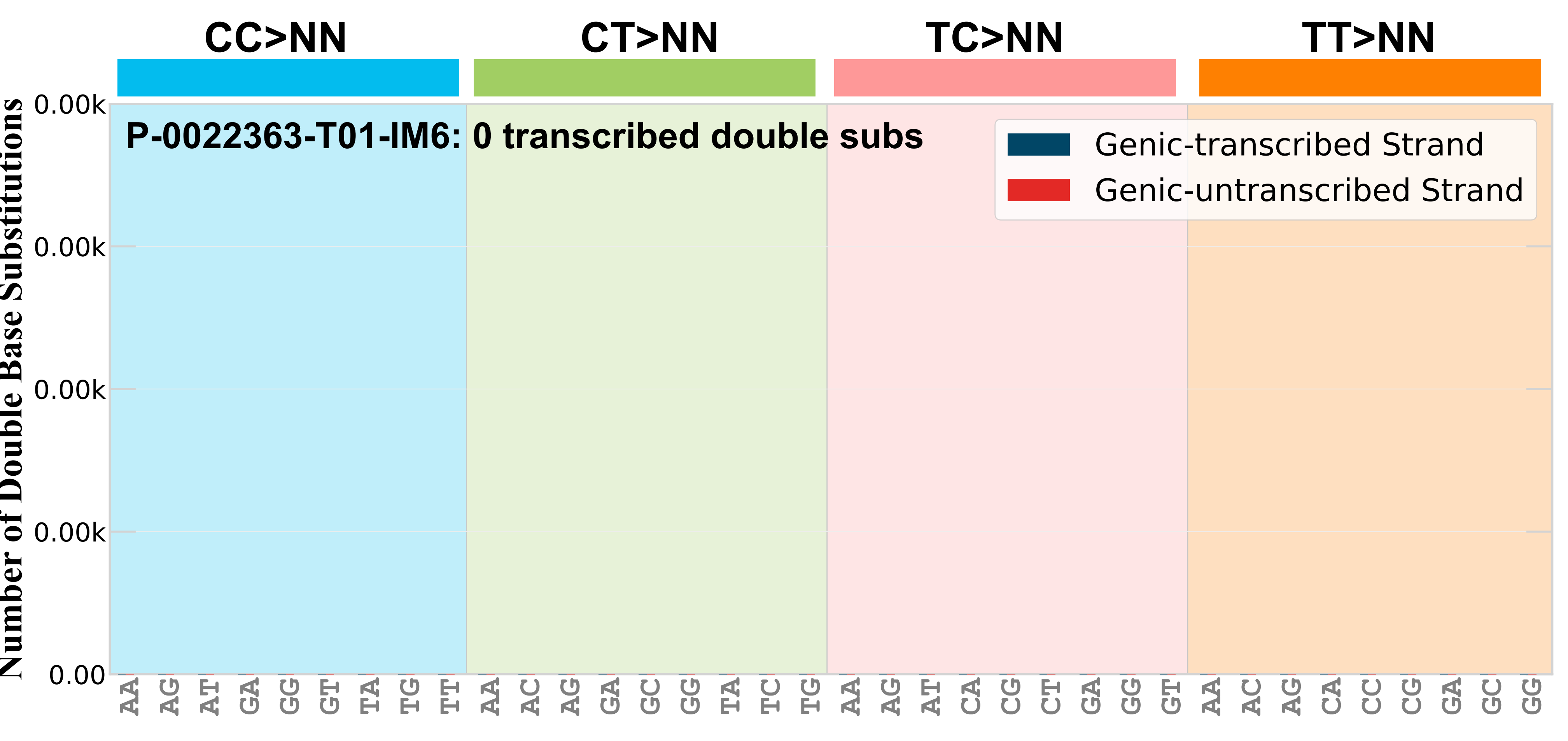
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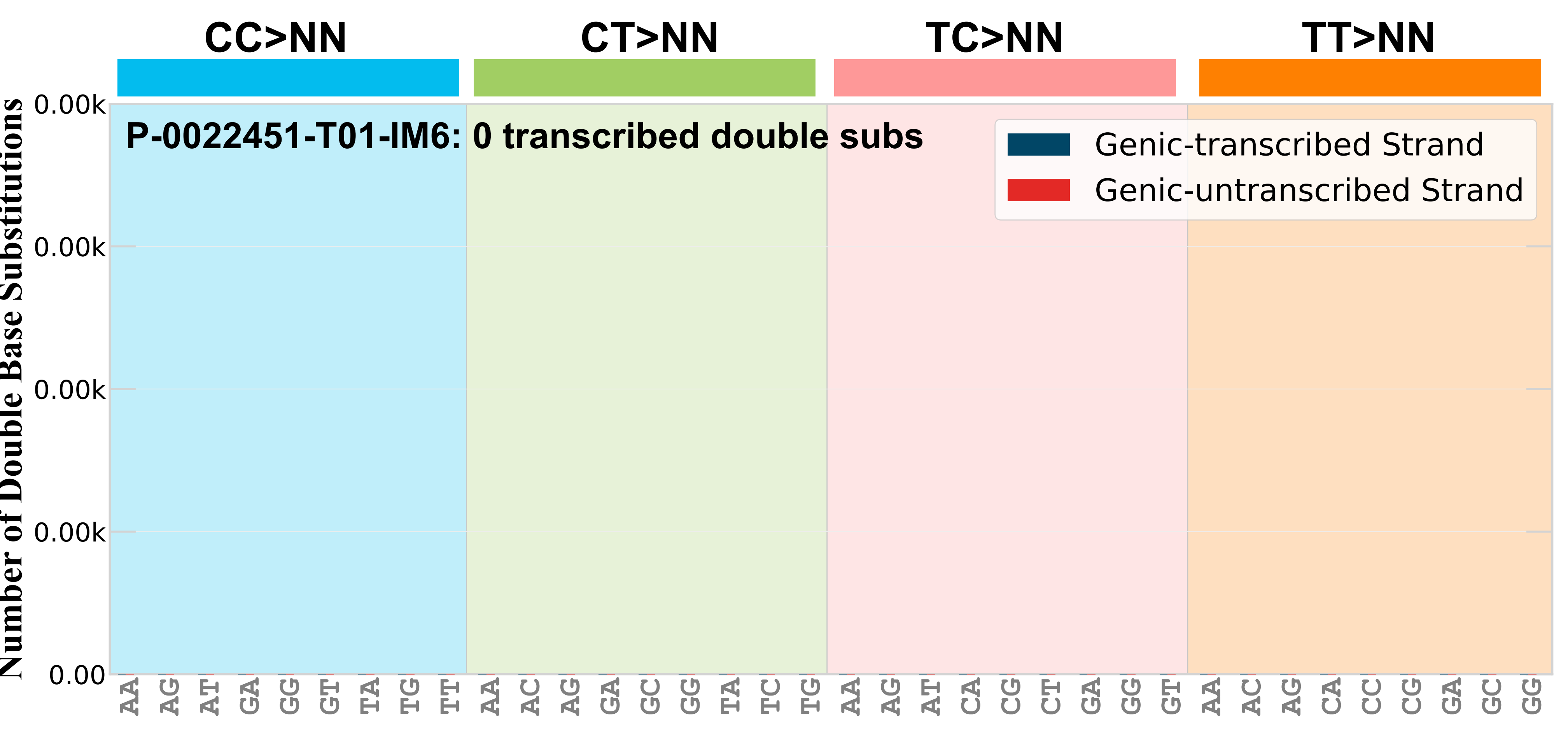




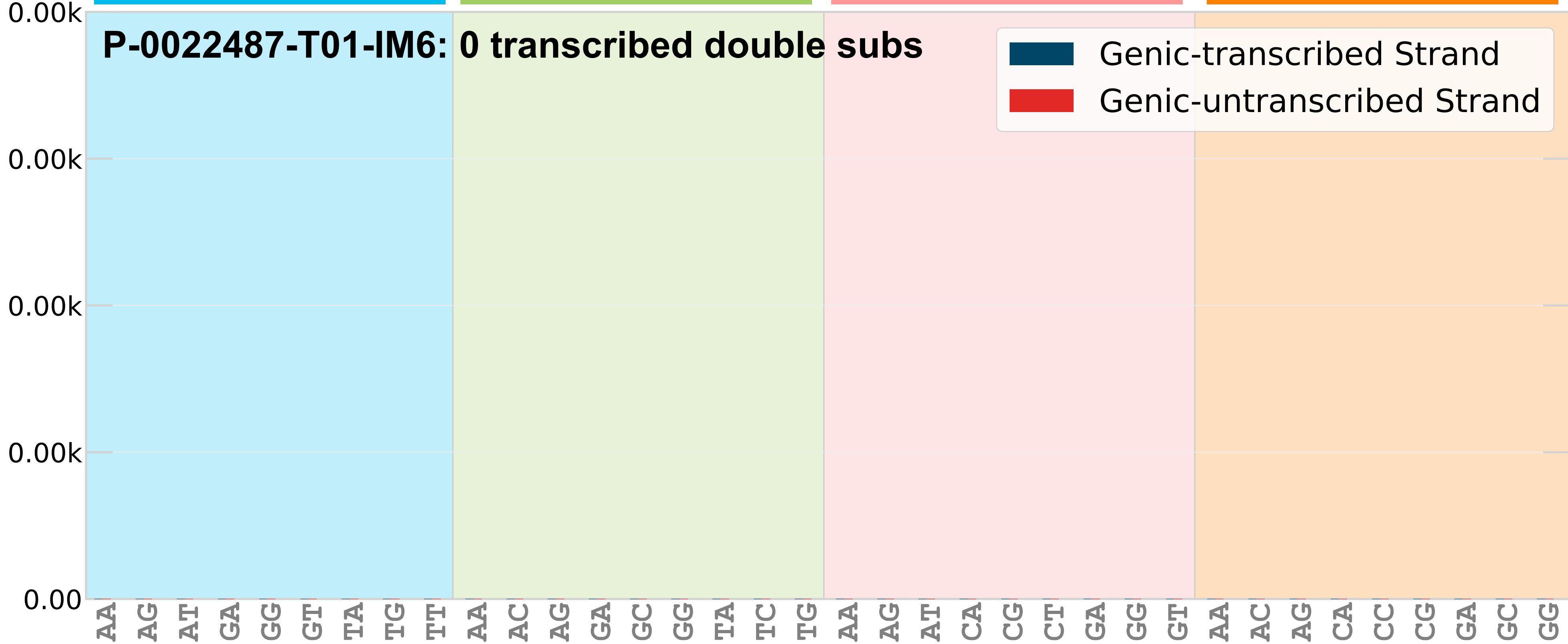


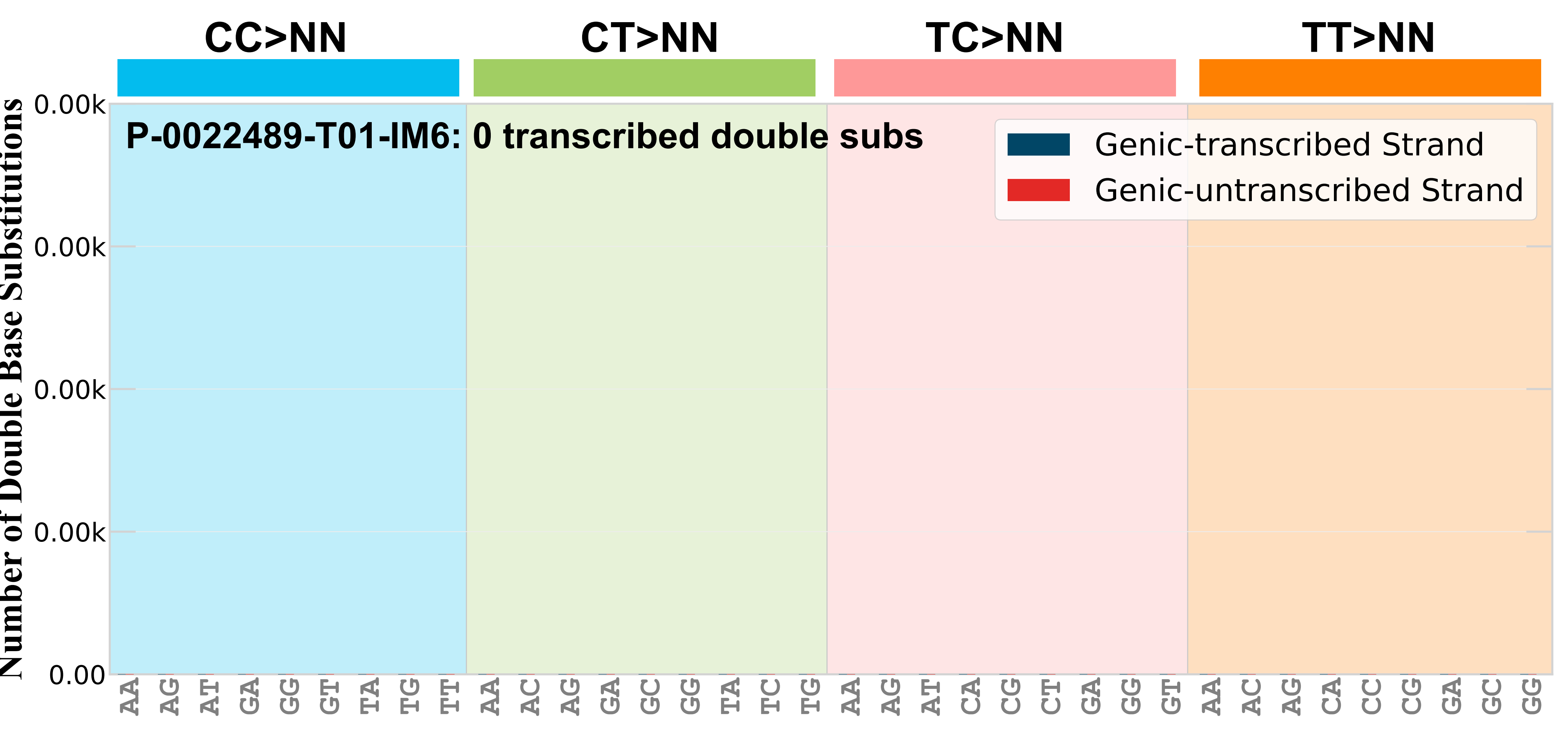


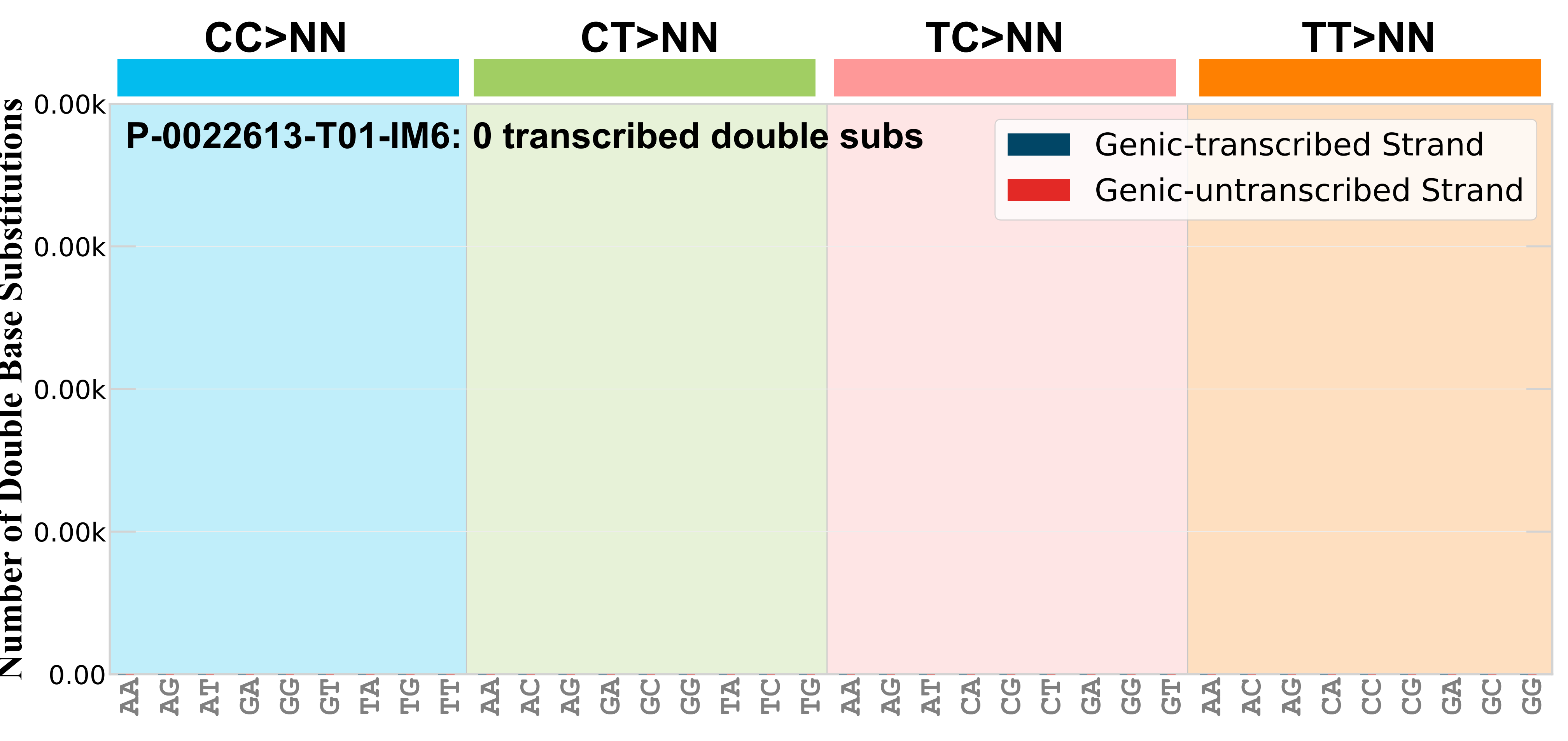


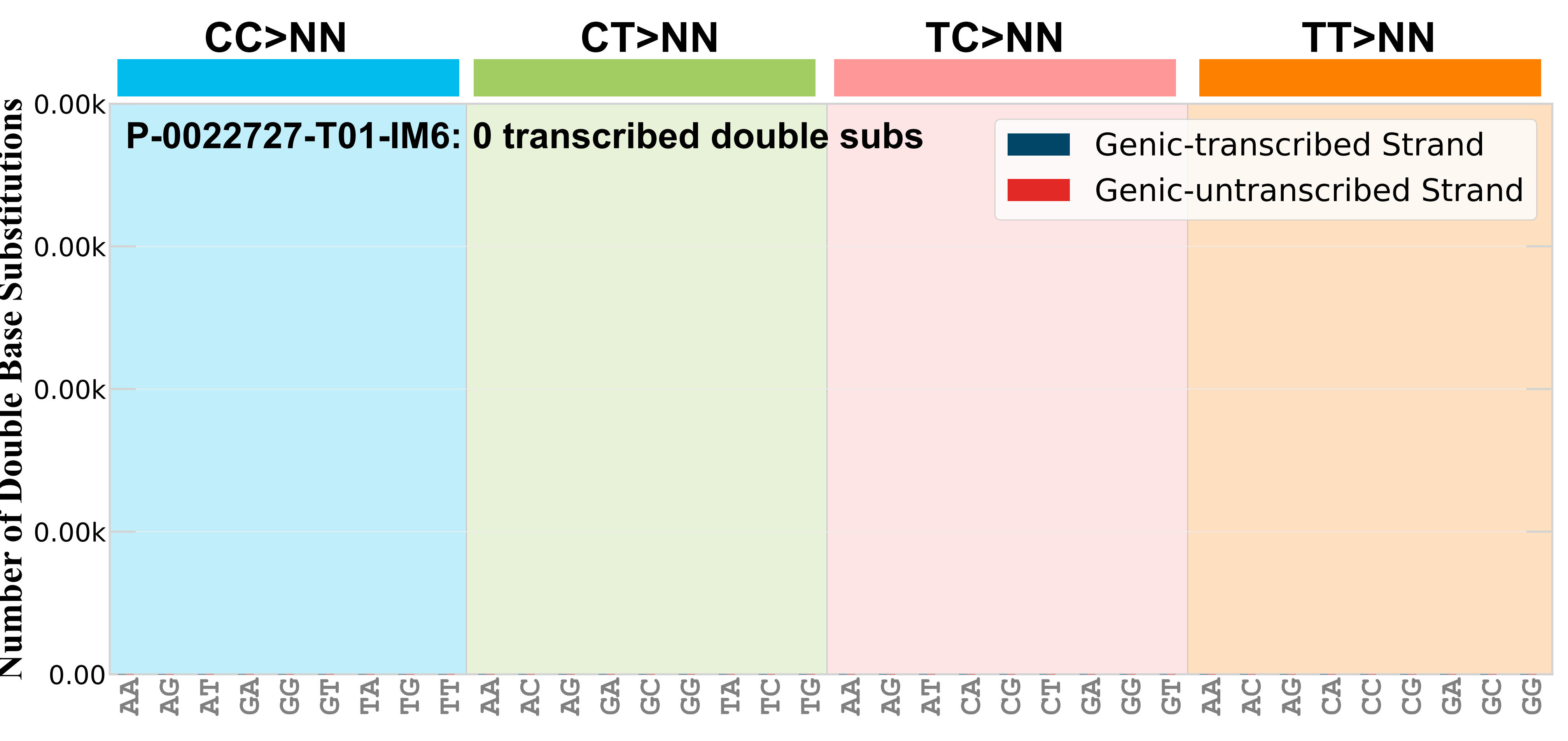


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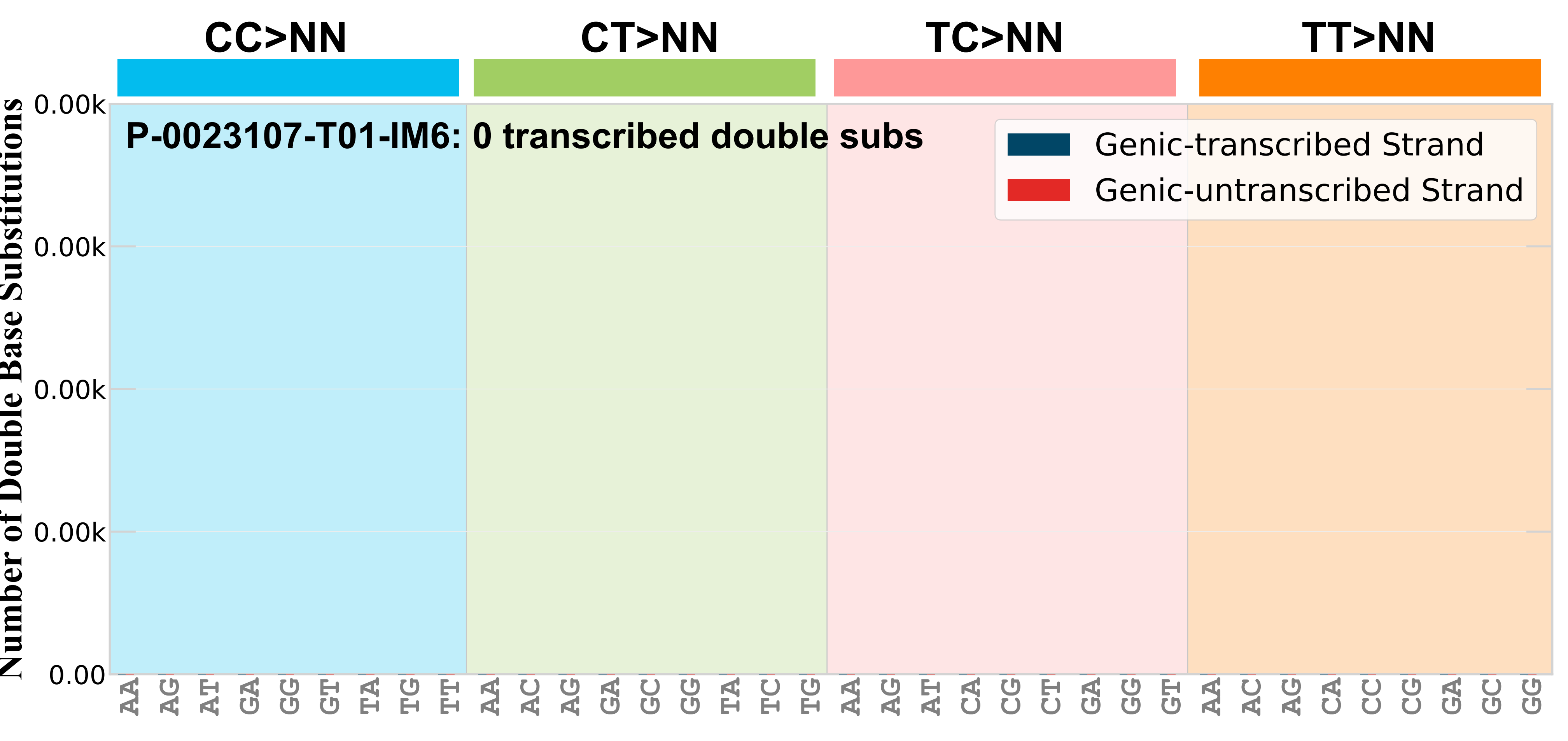


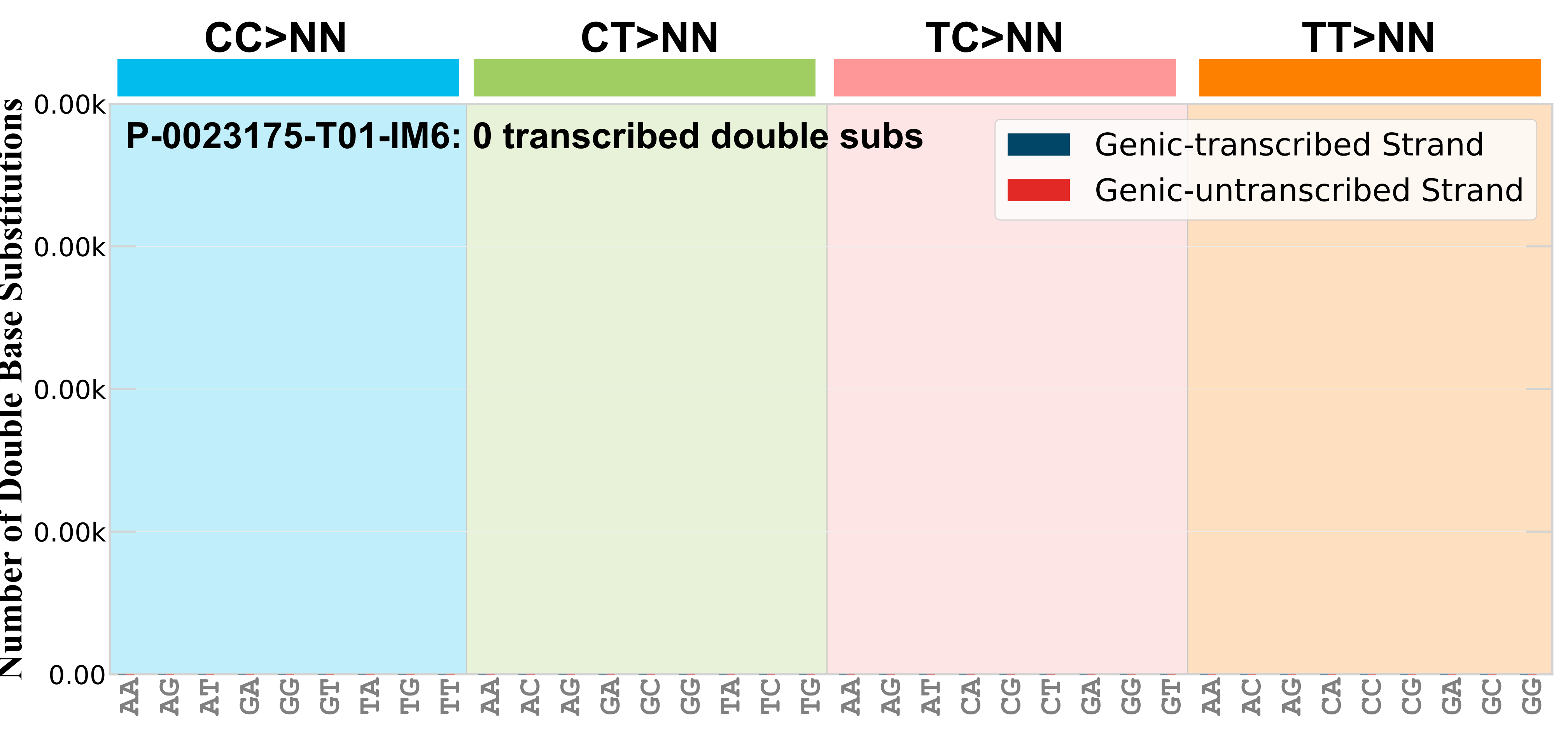


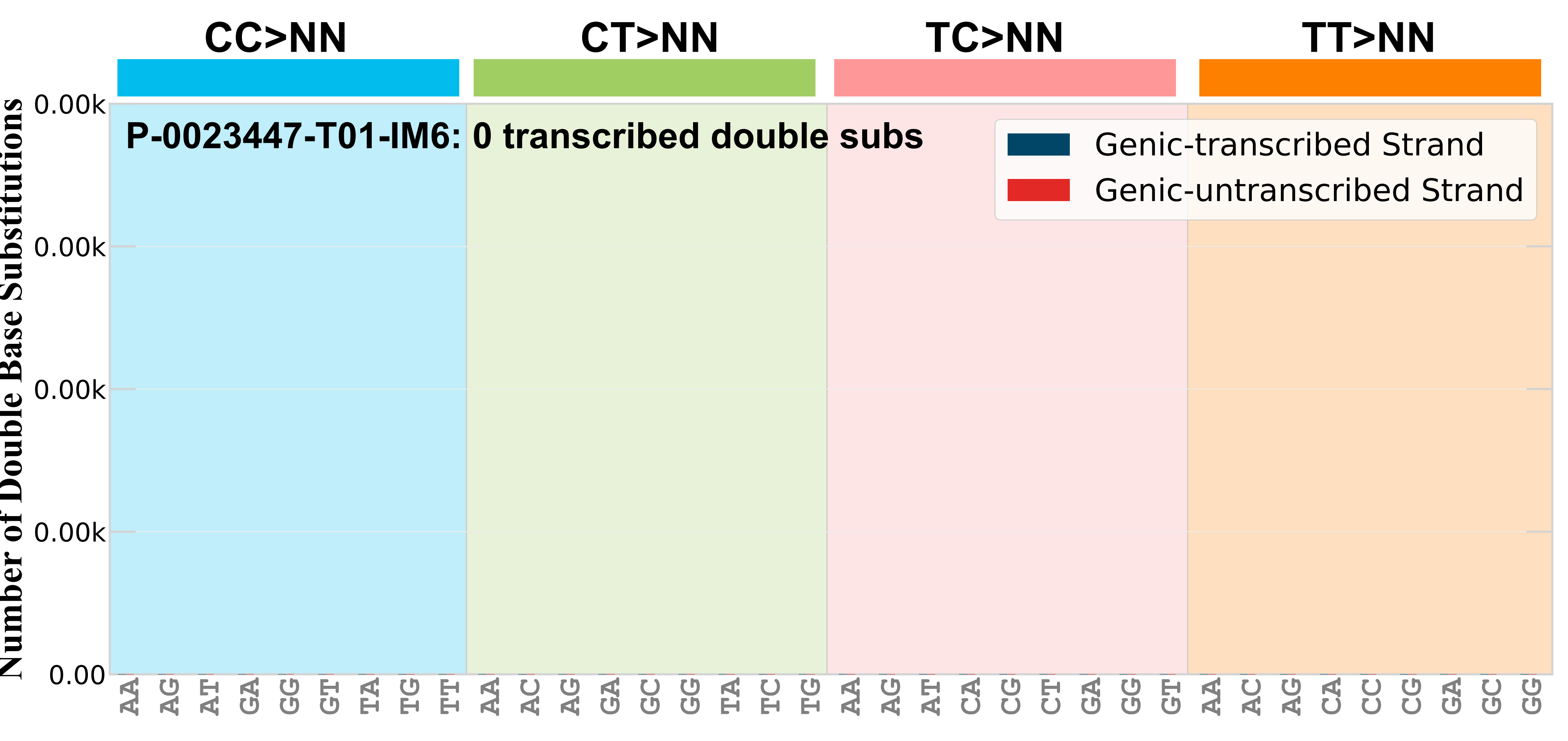




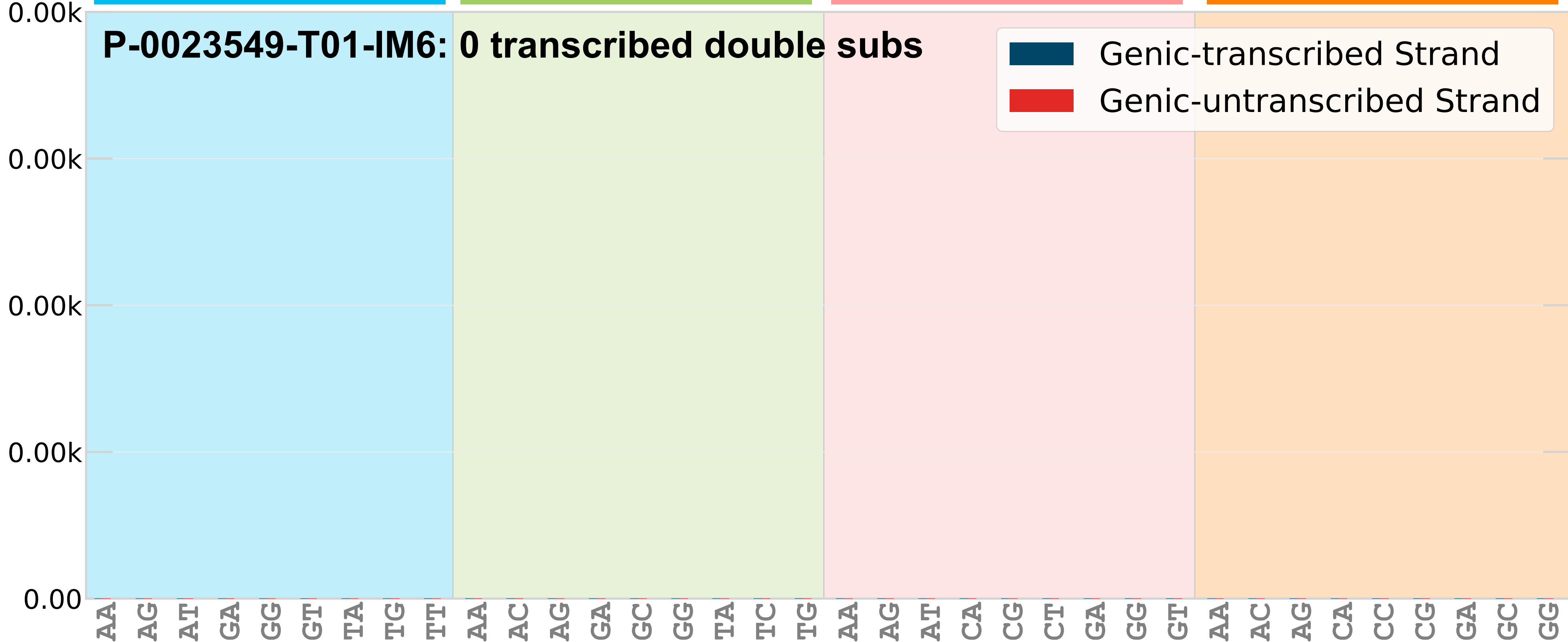




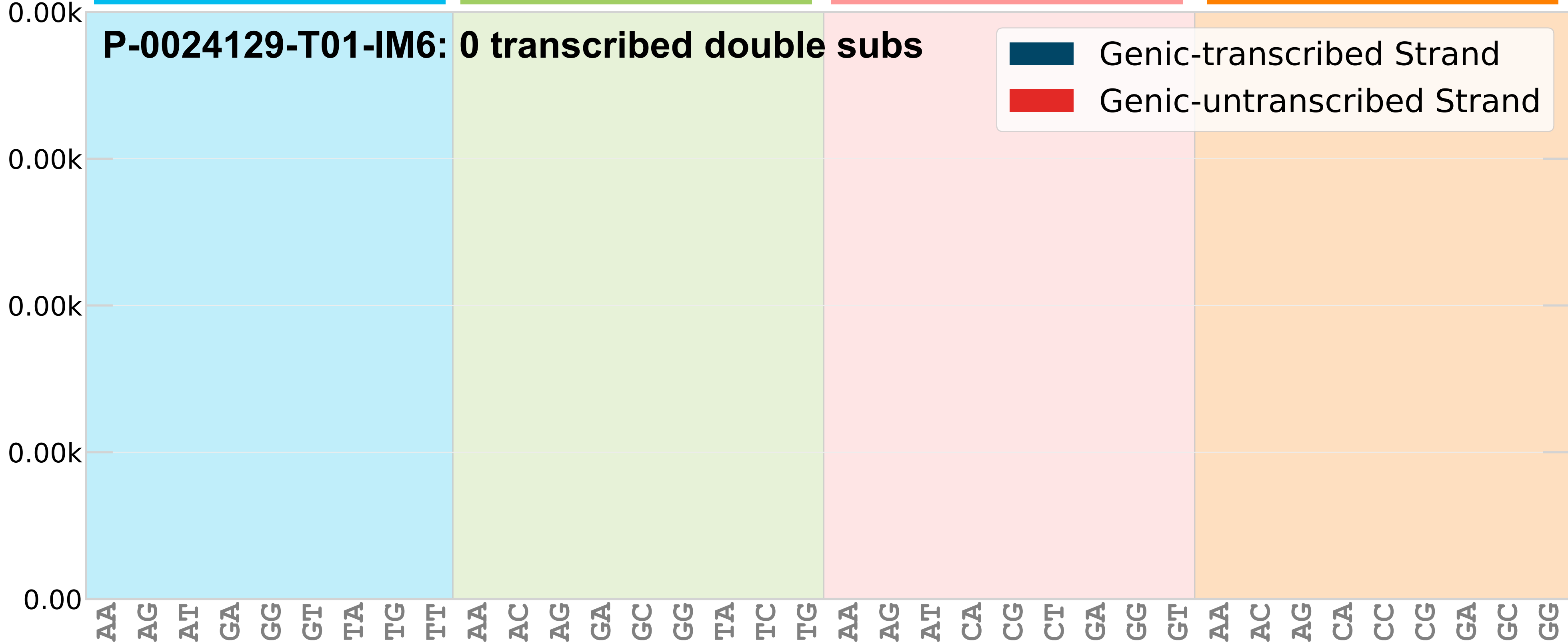


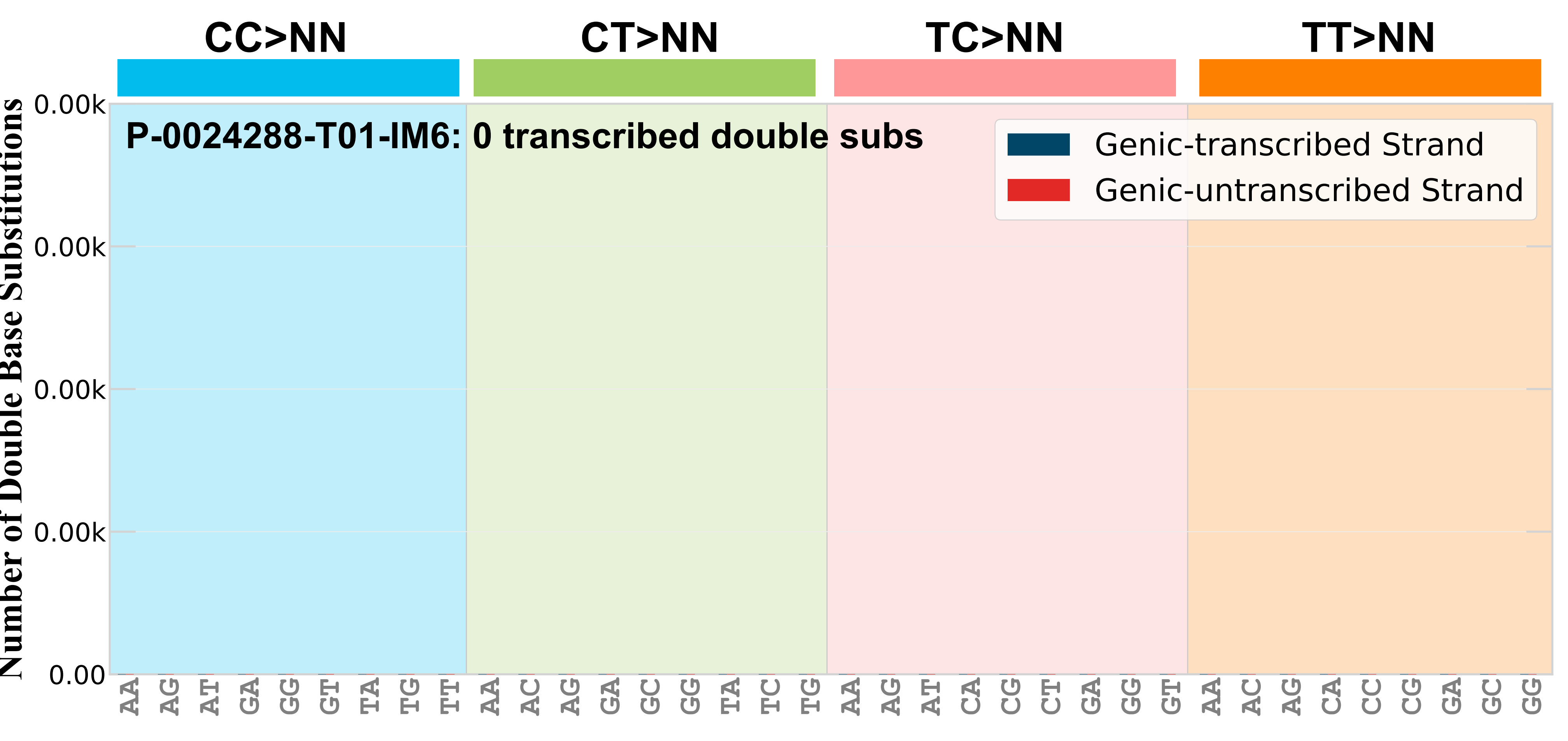


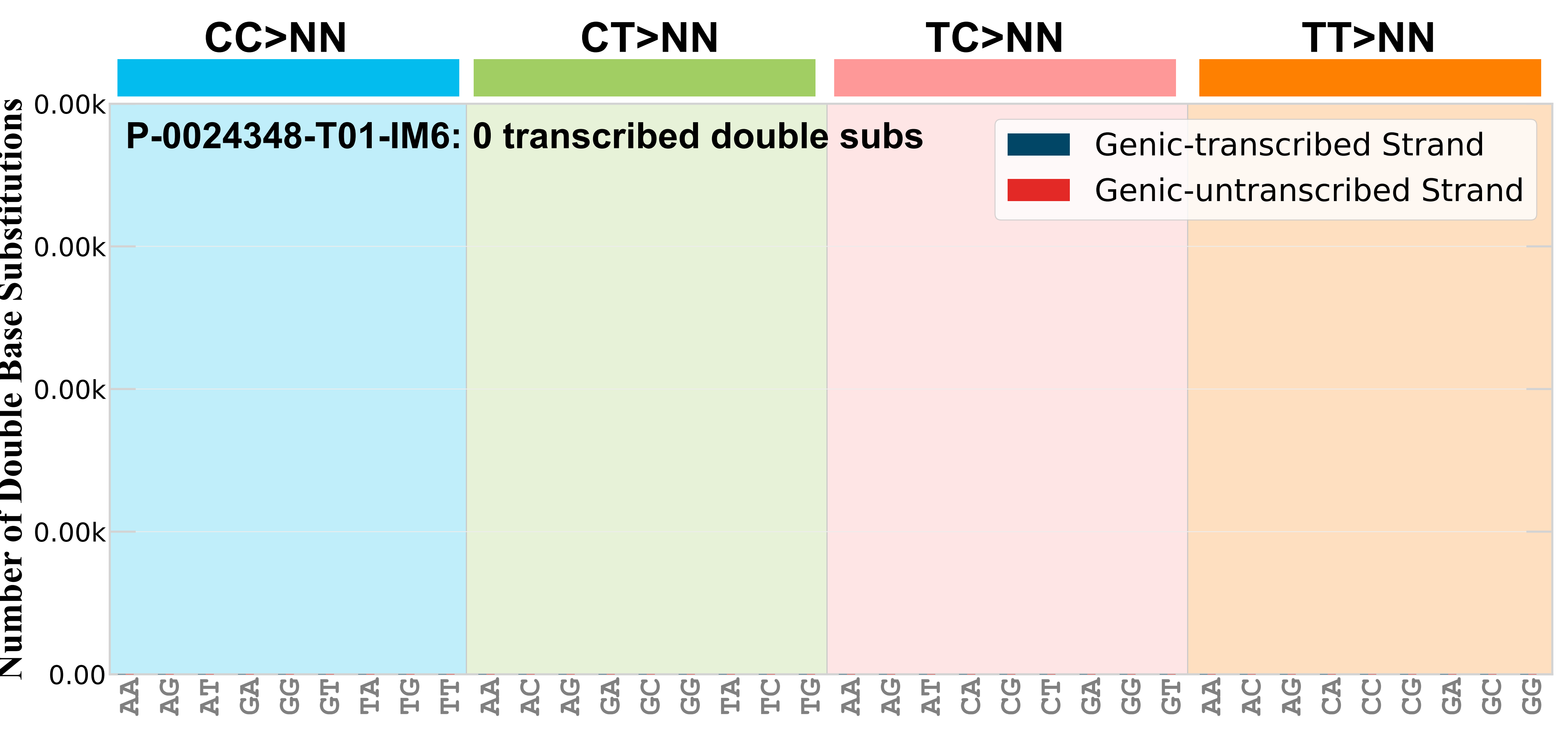
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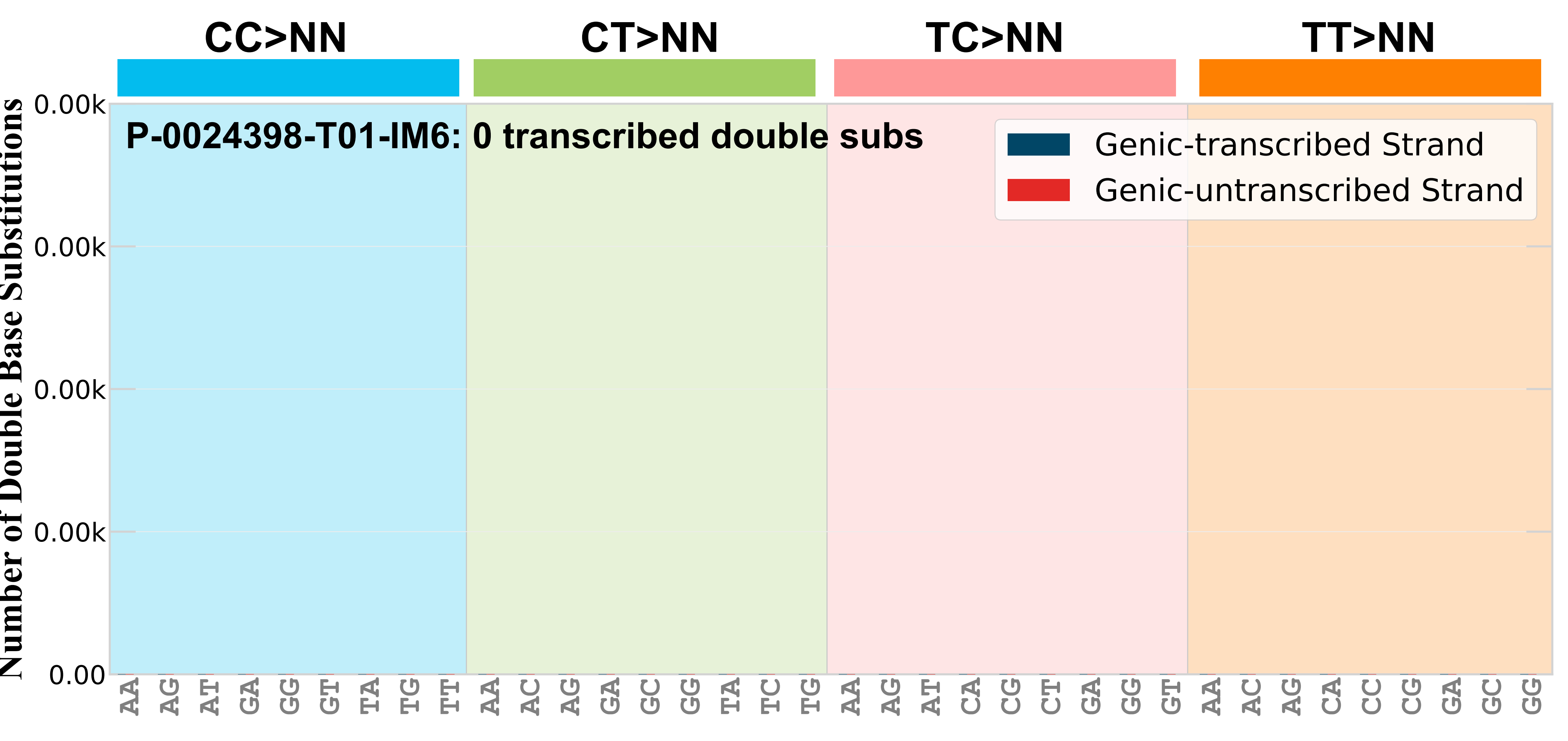


# TT>NN



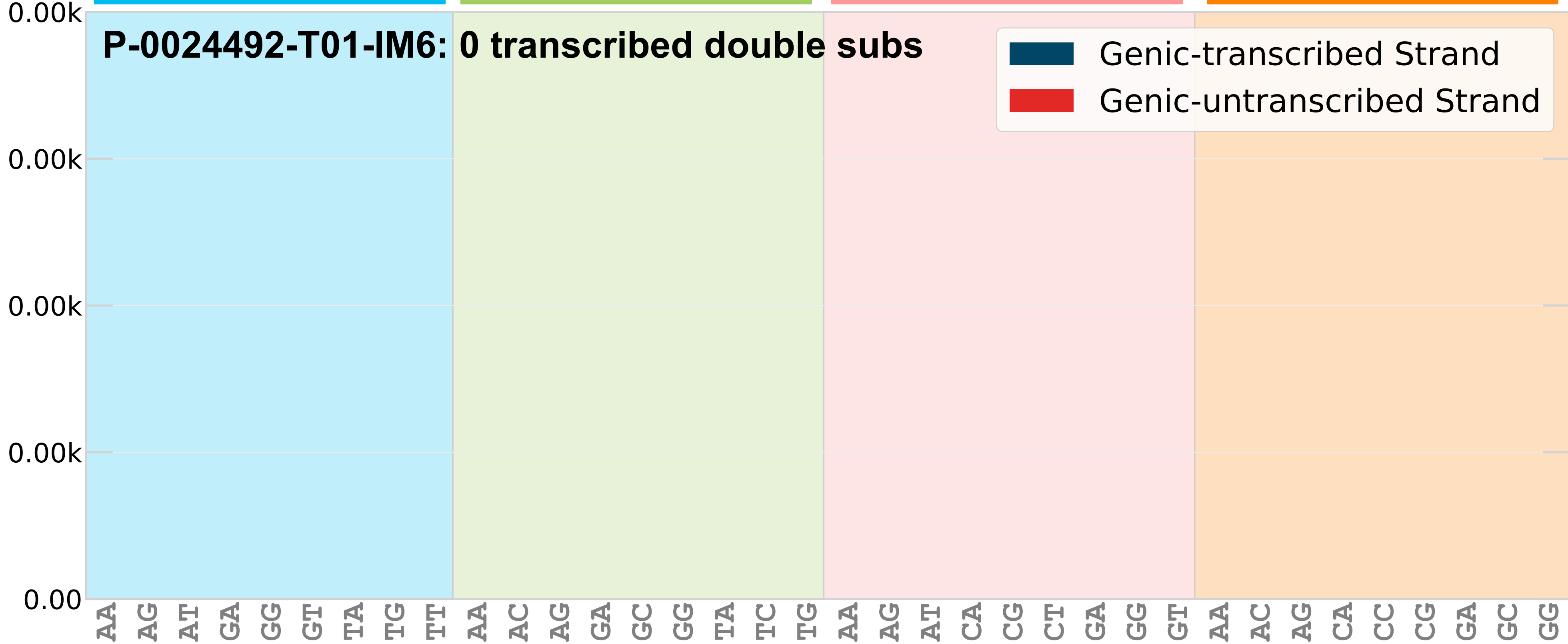


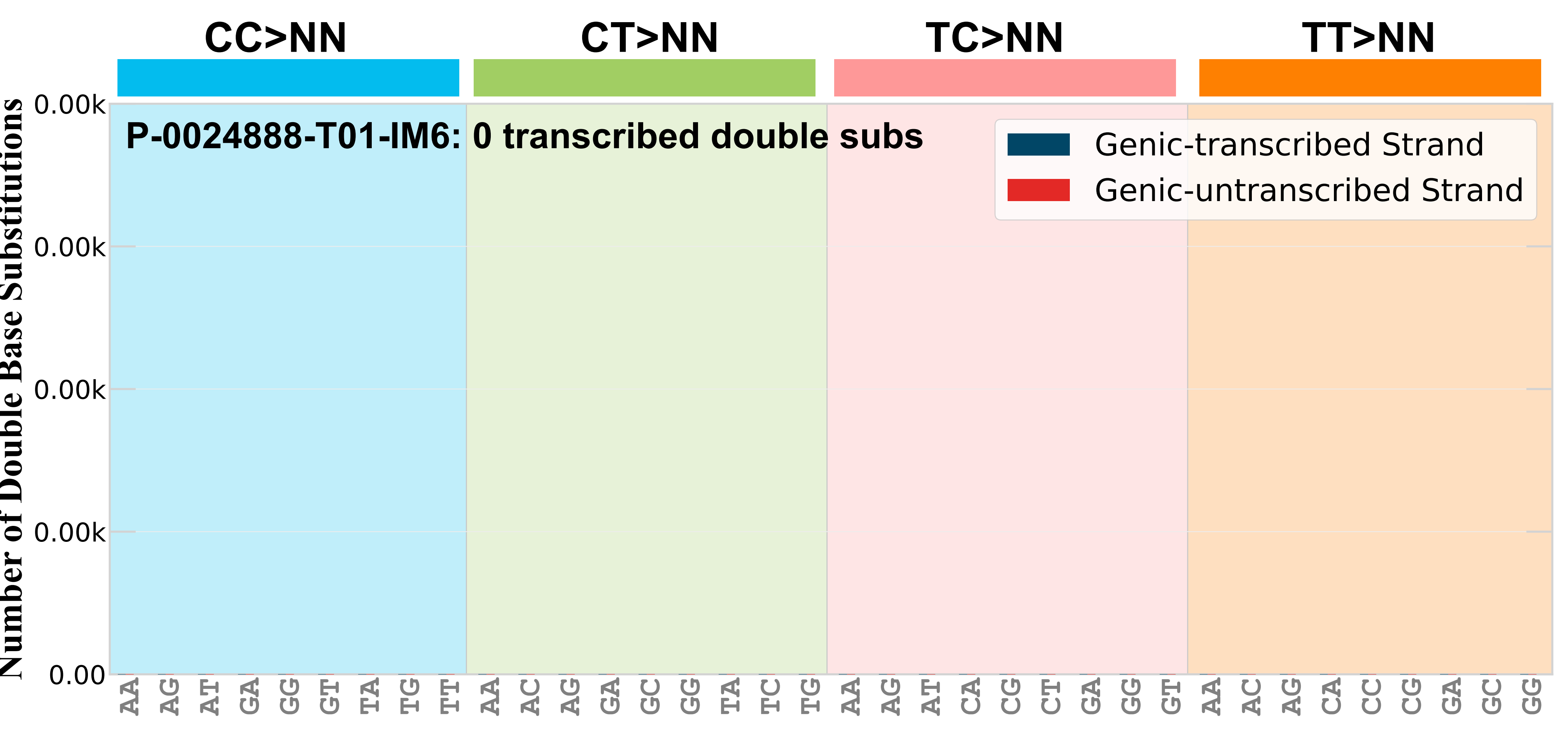




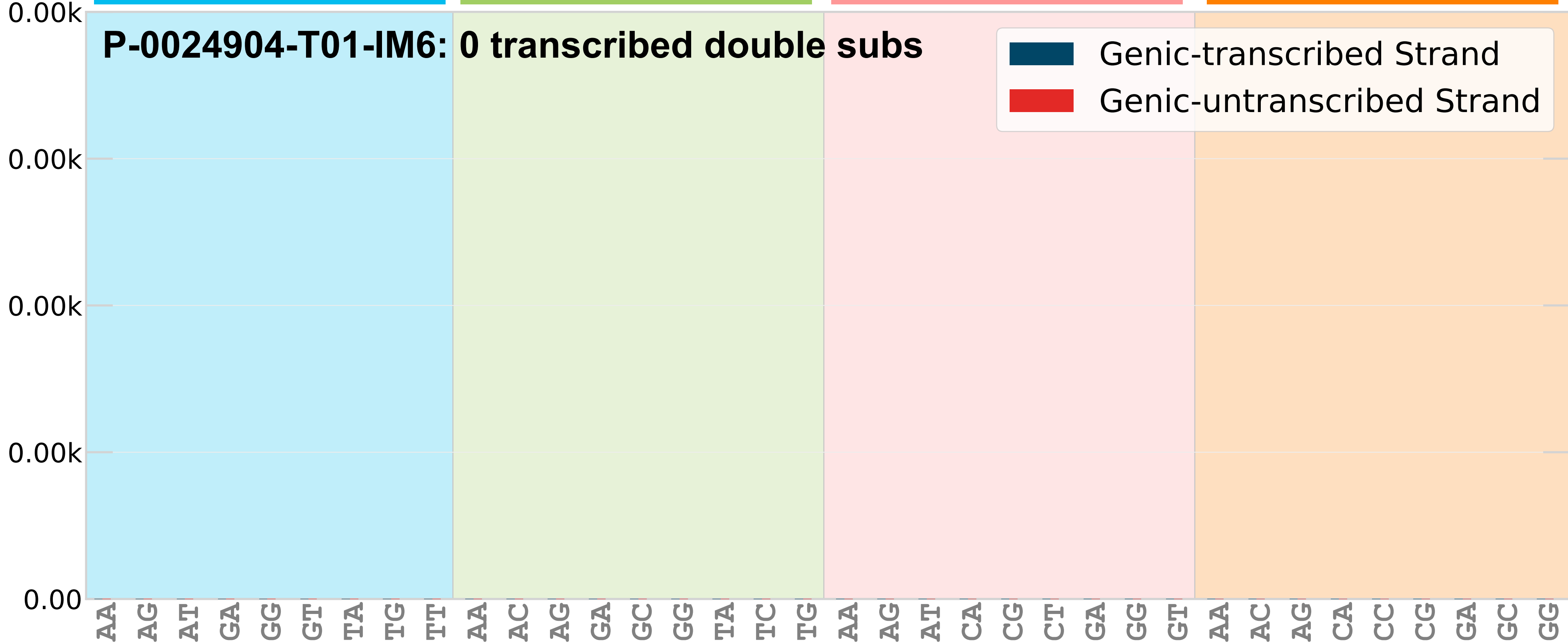


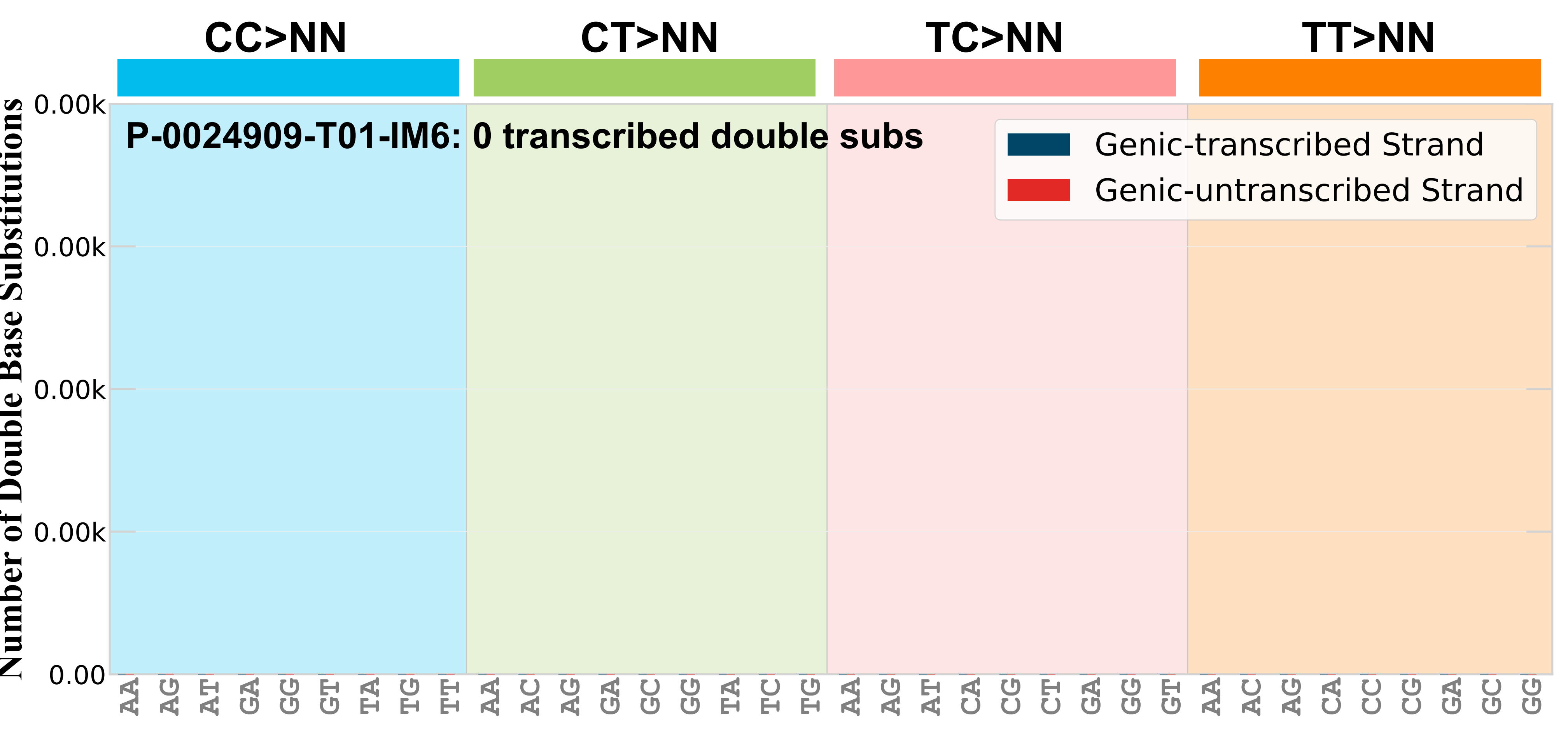
# TT>NN

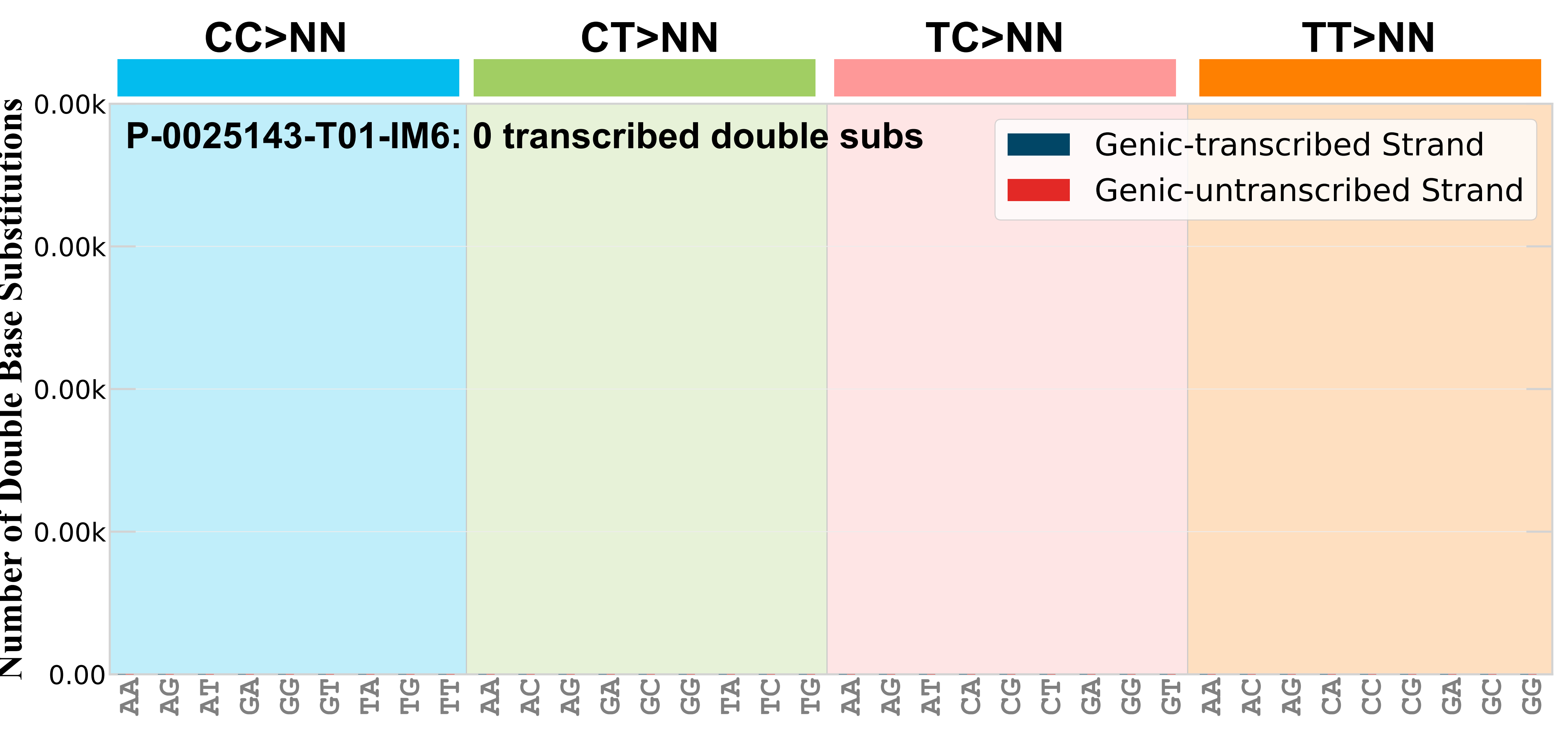


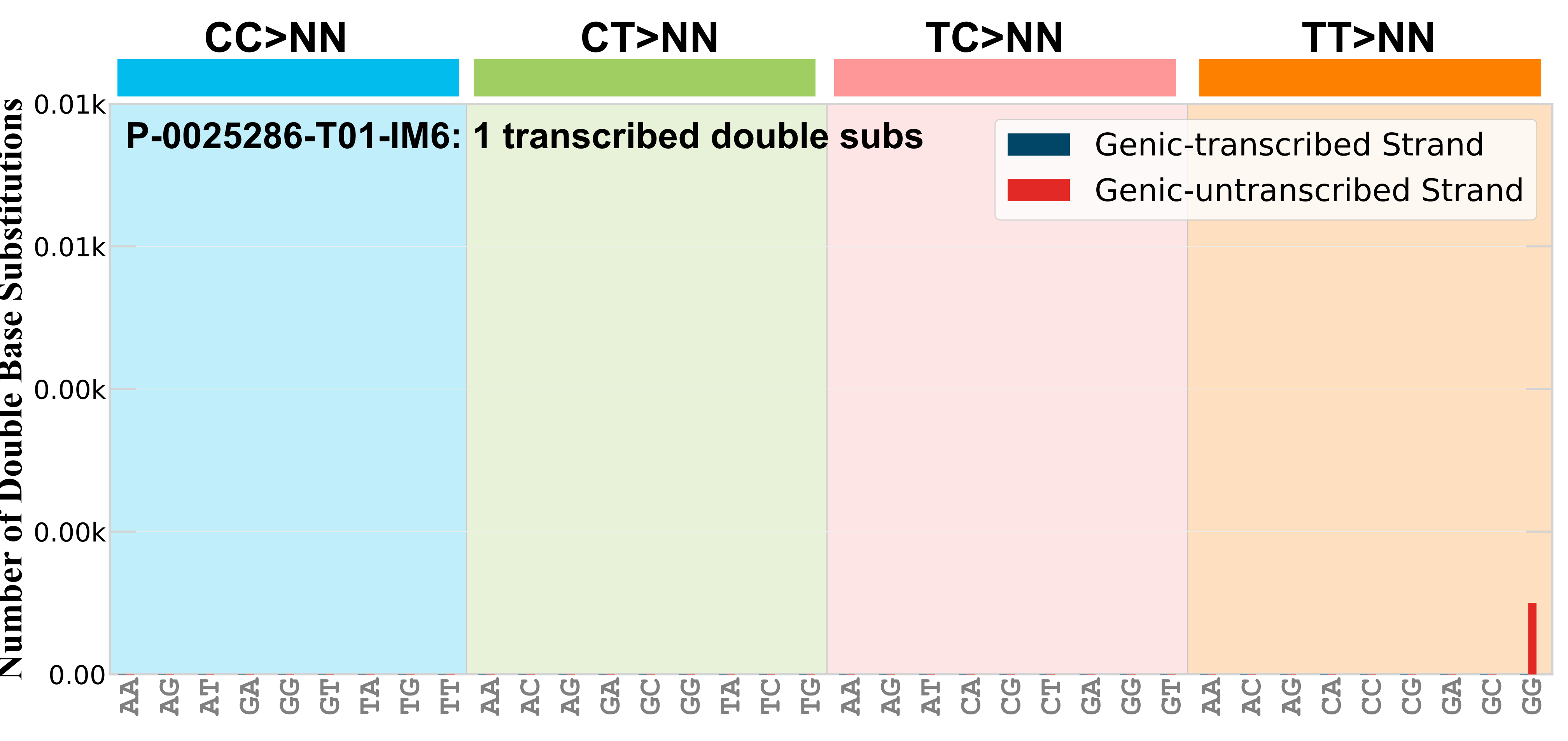


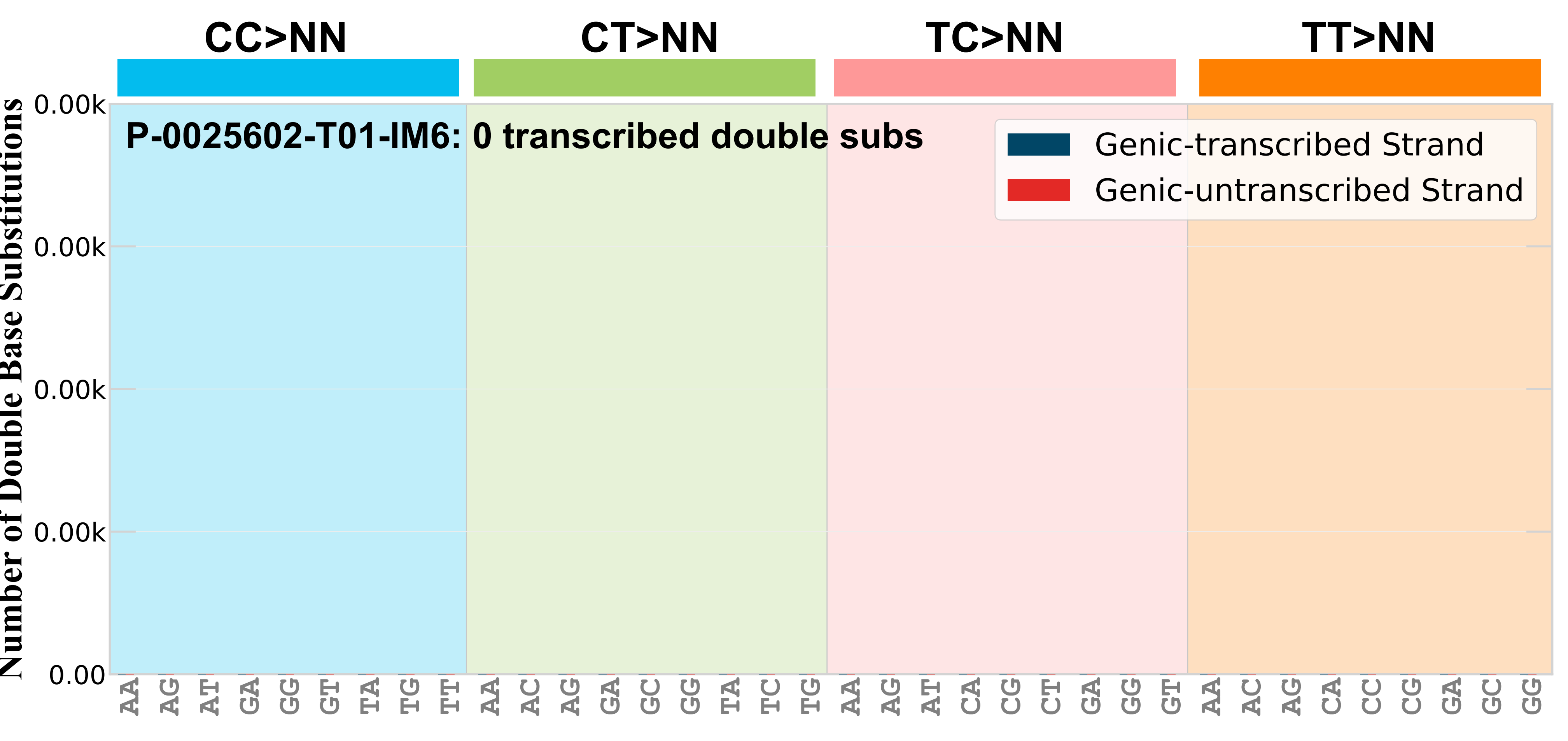
# TT>NN







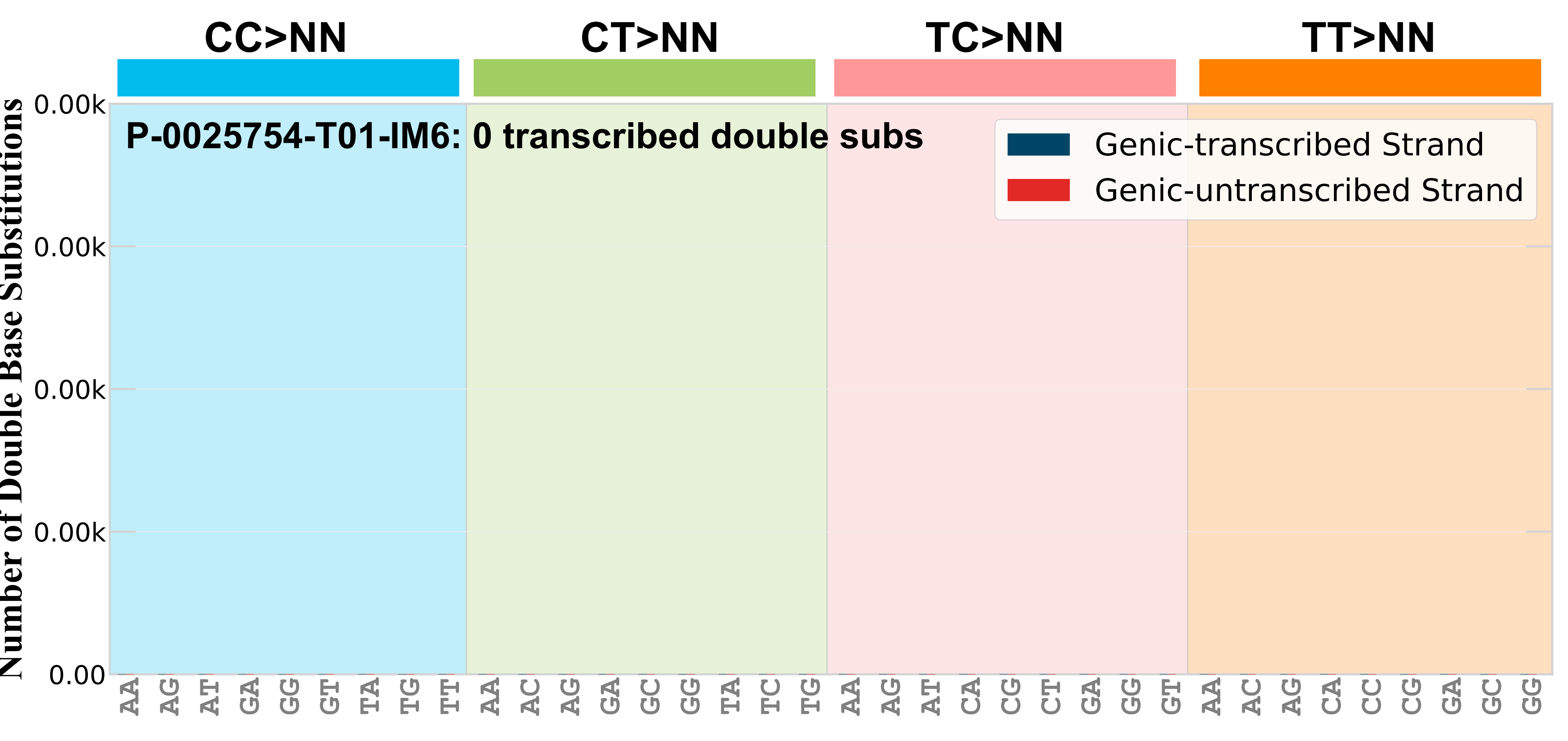


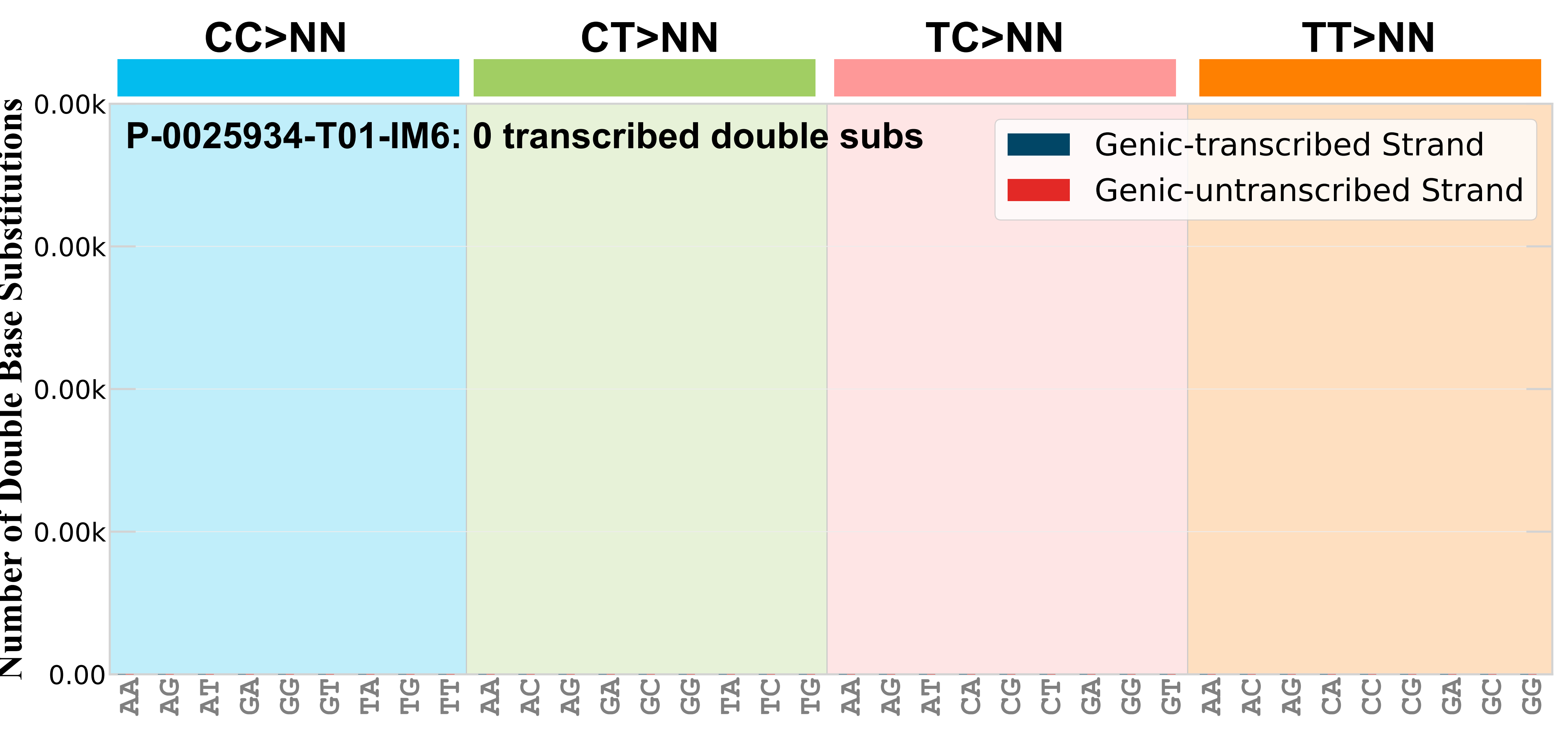






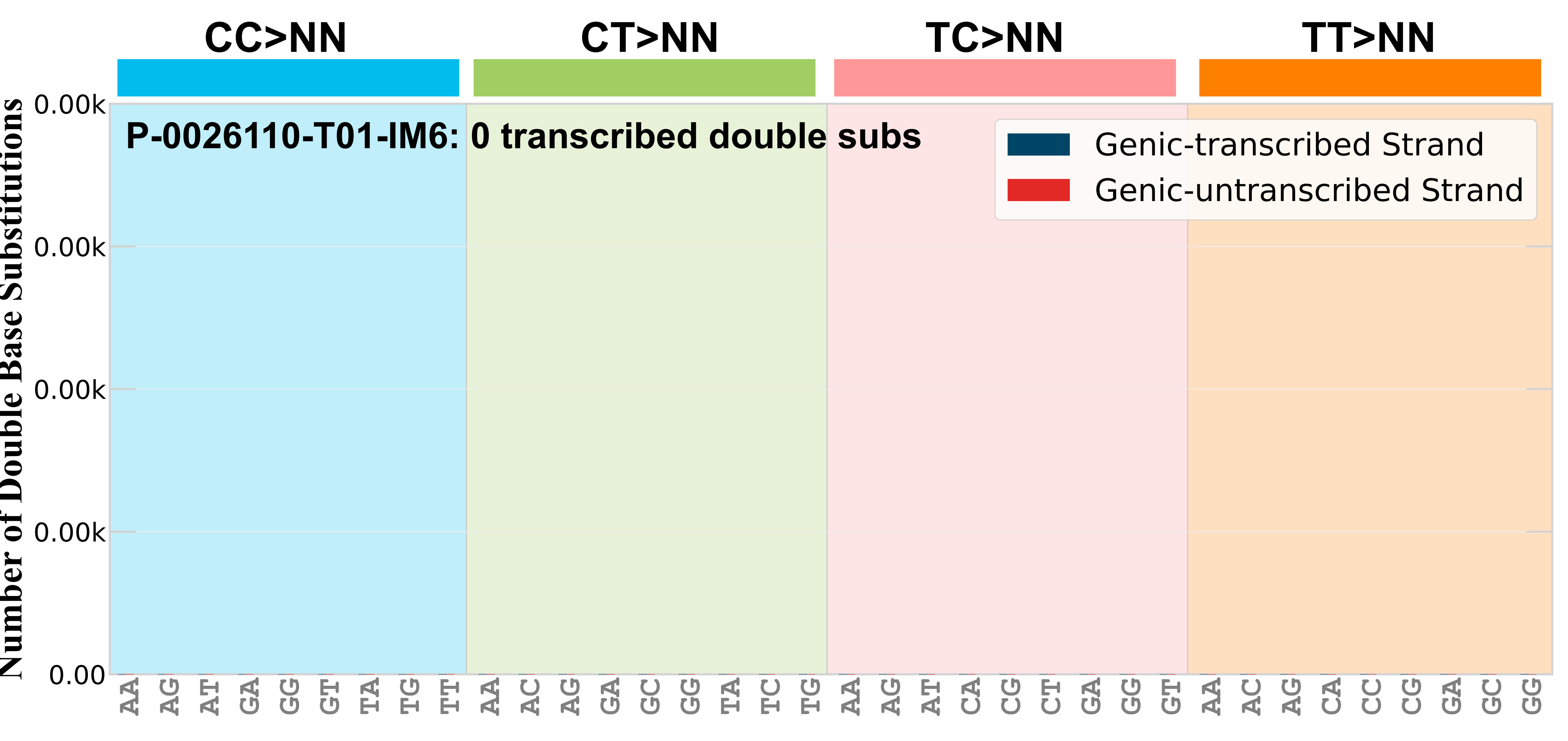


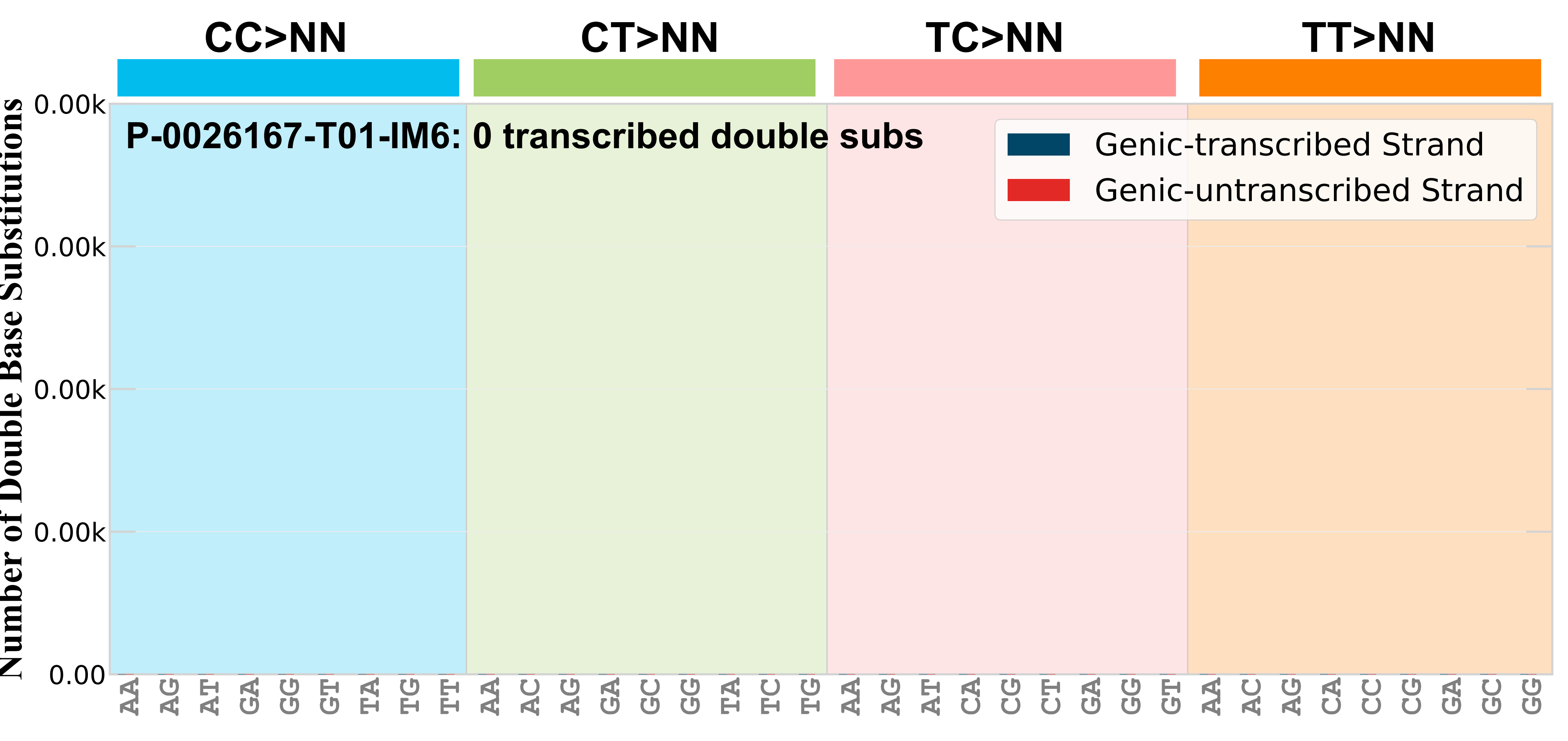


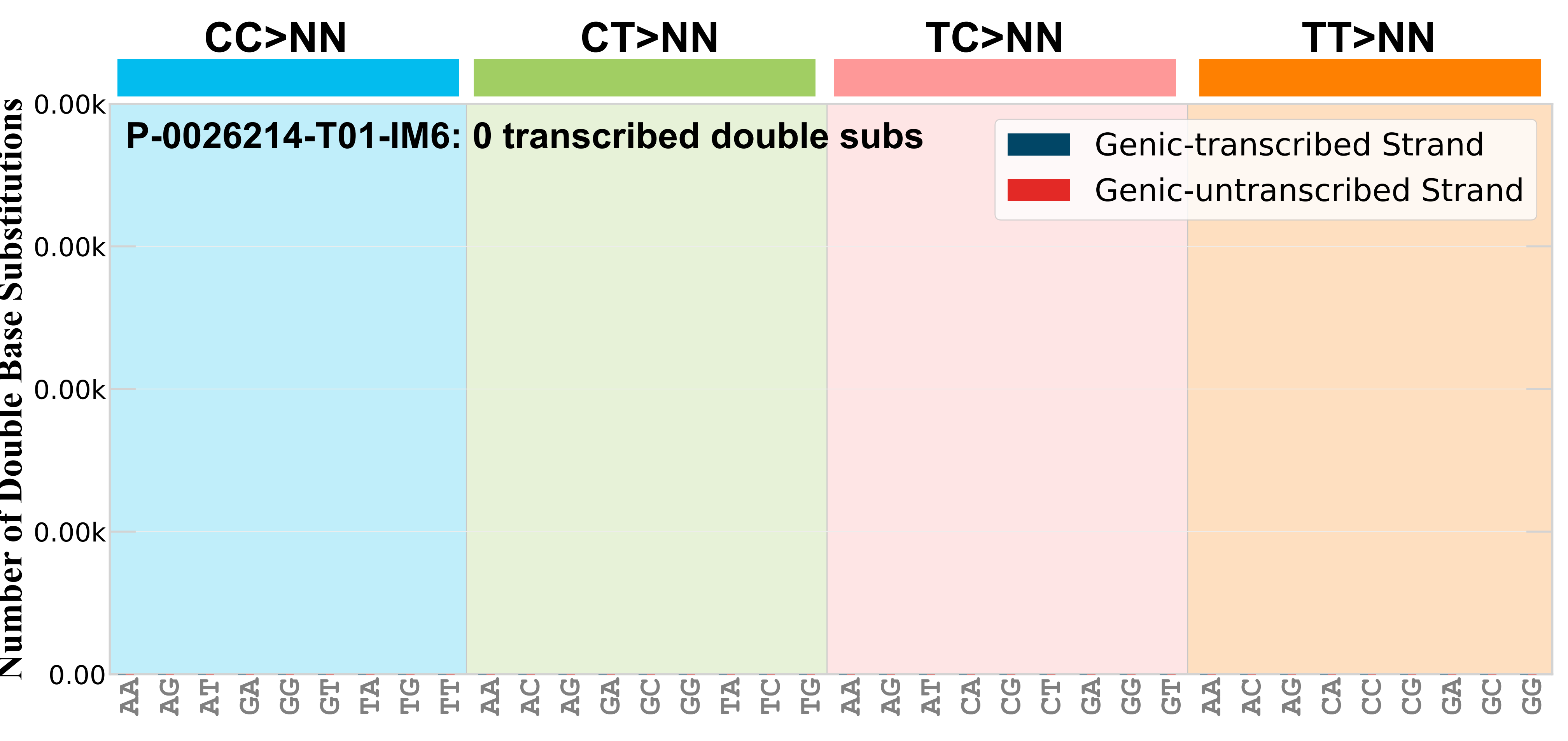








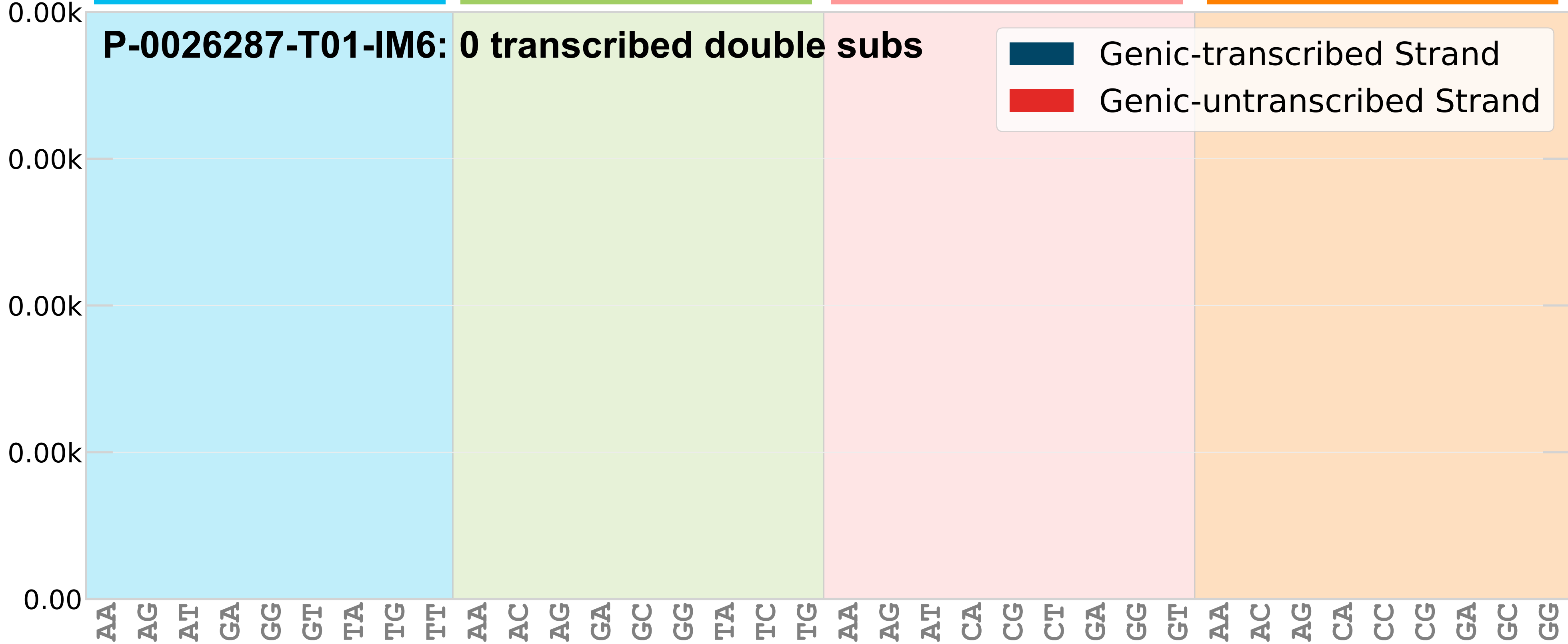




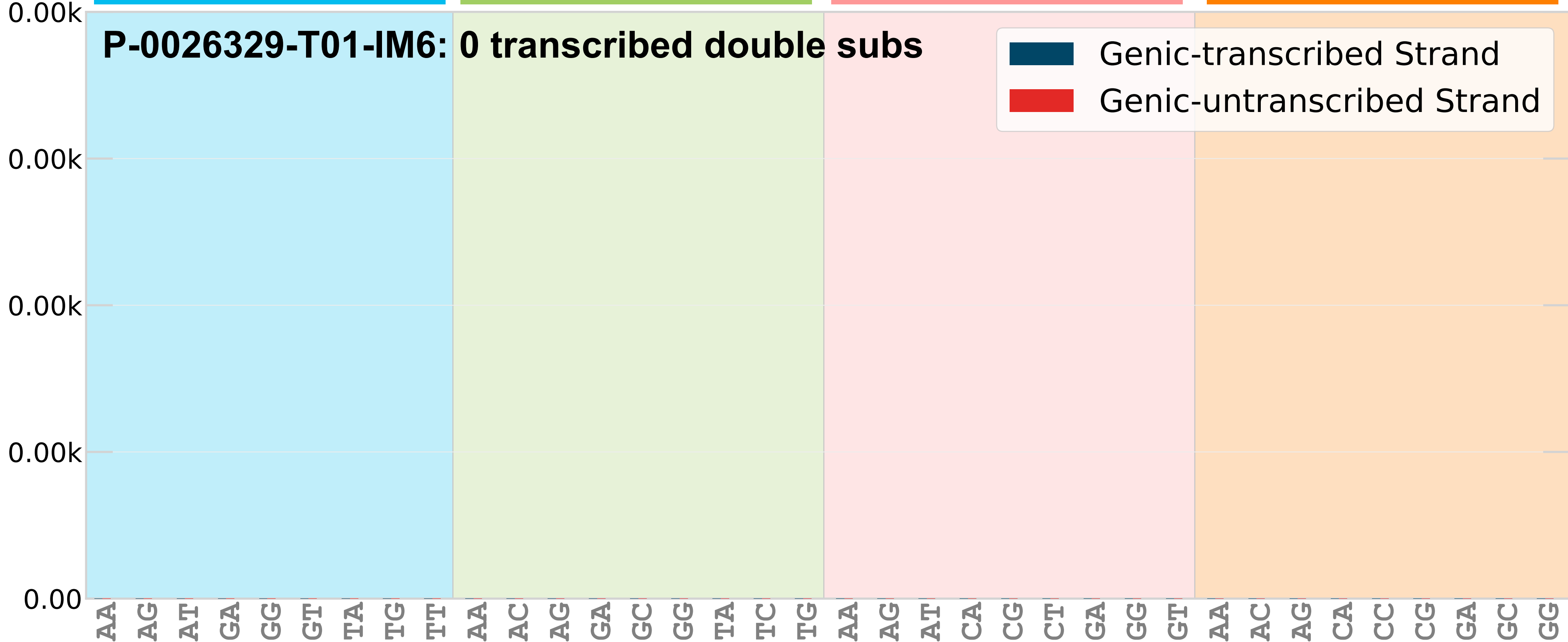




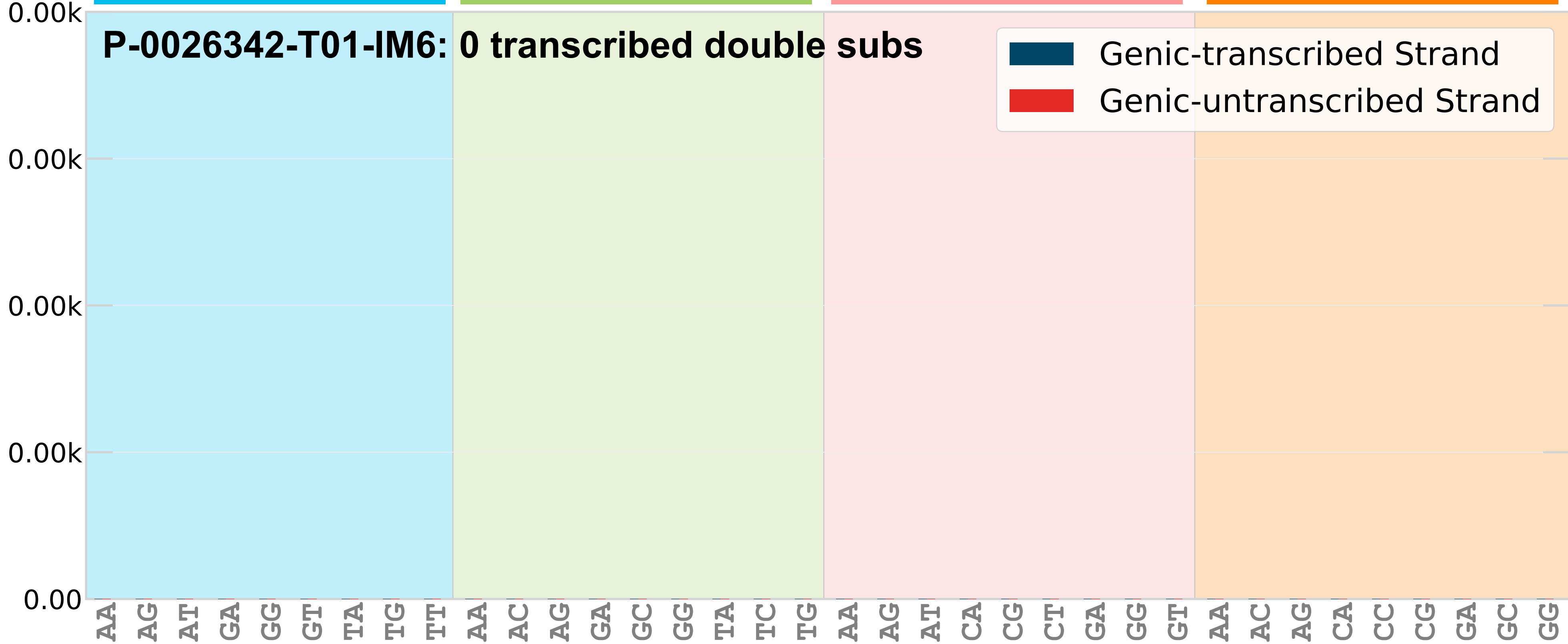
# TT>NN



**TT>NN**



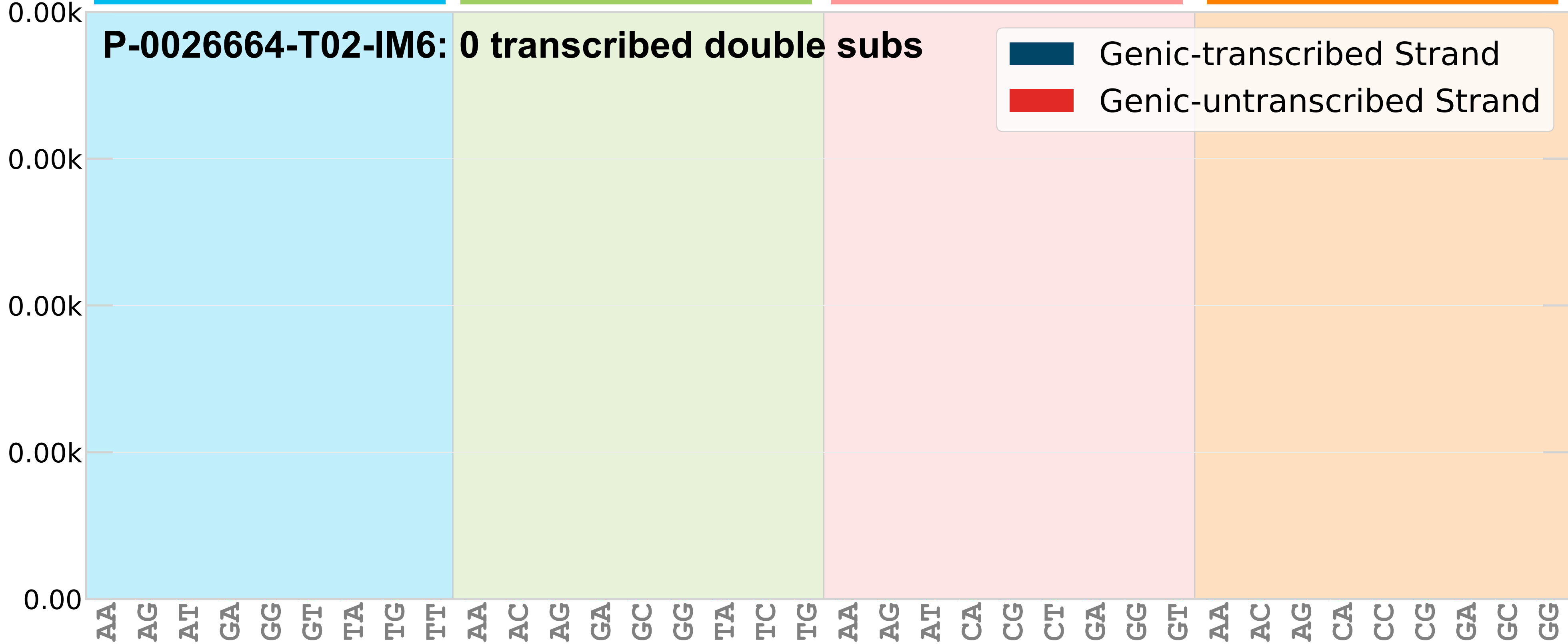
**TT>NN**

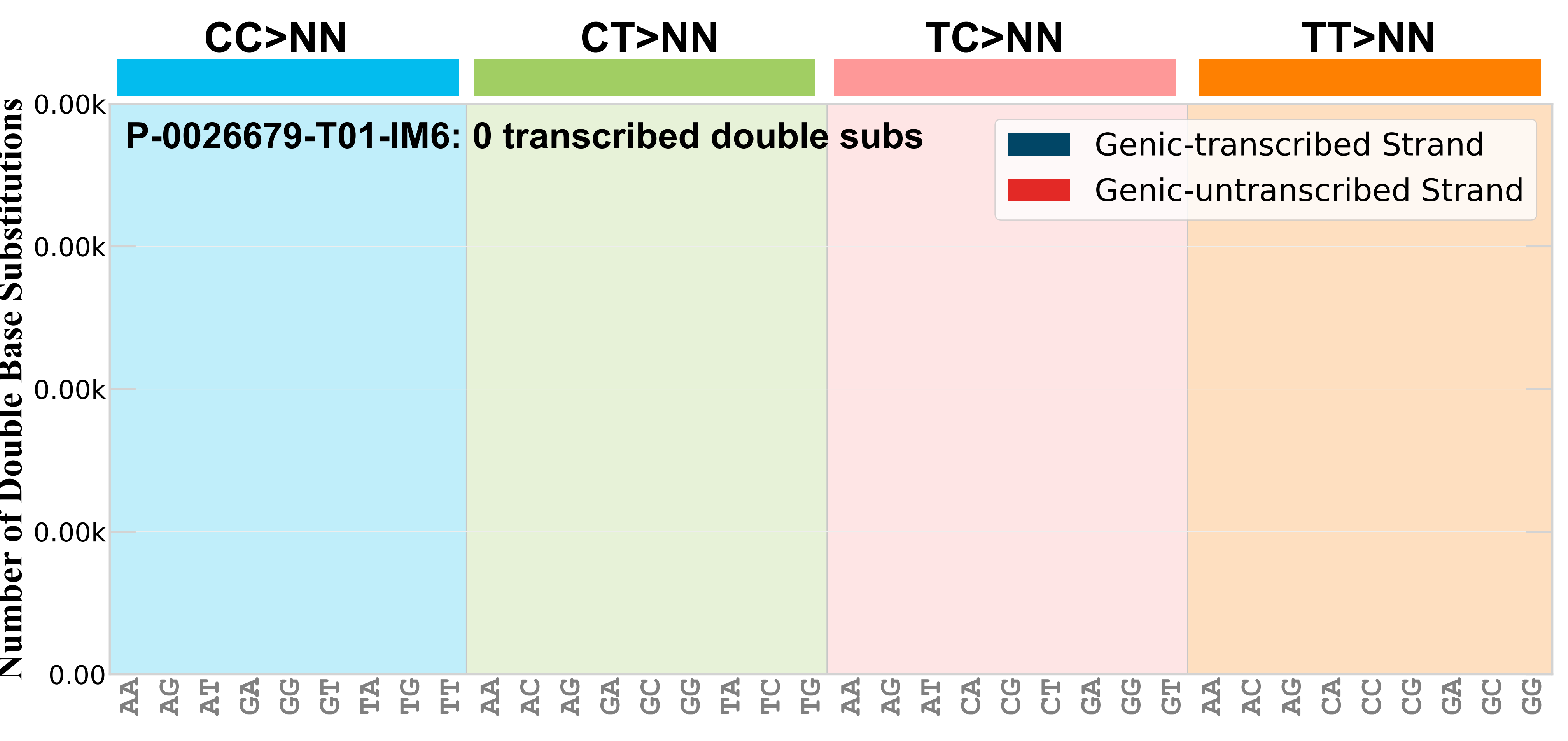






**TT>NN**

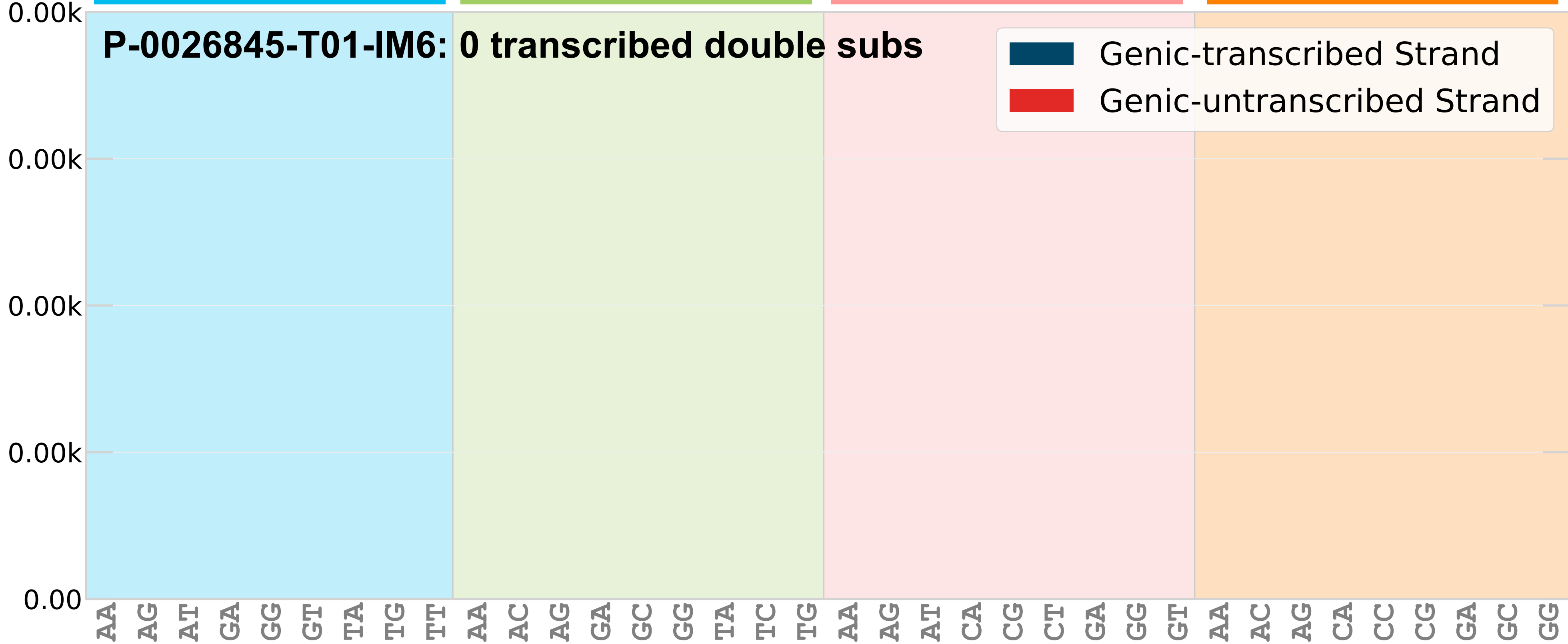


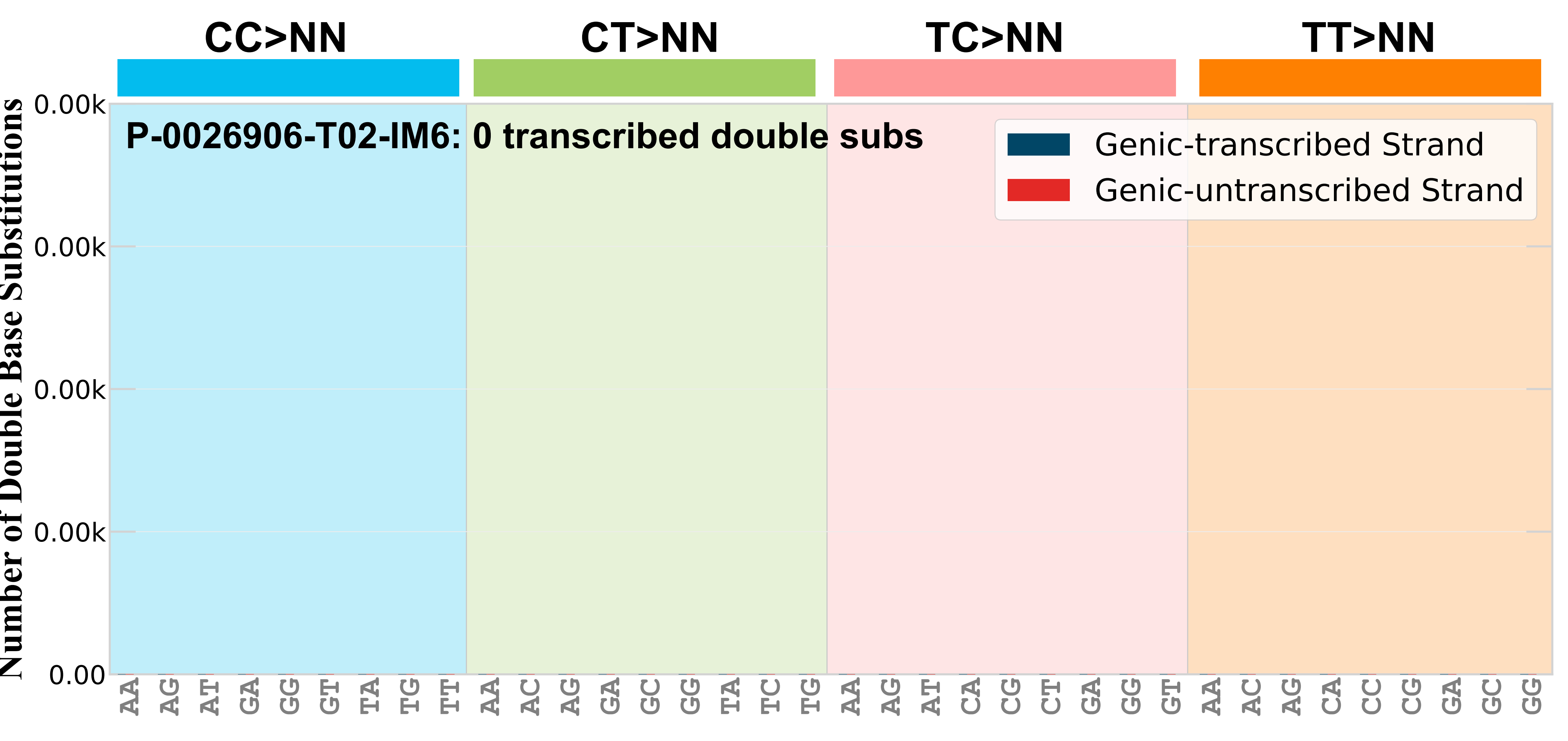


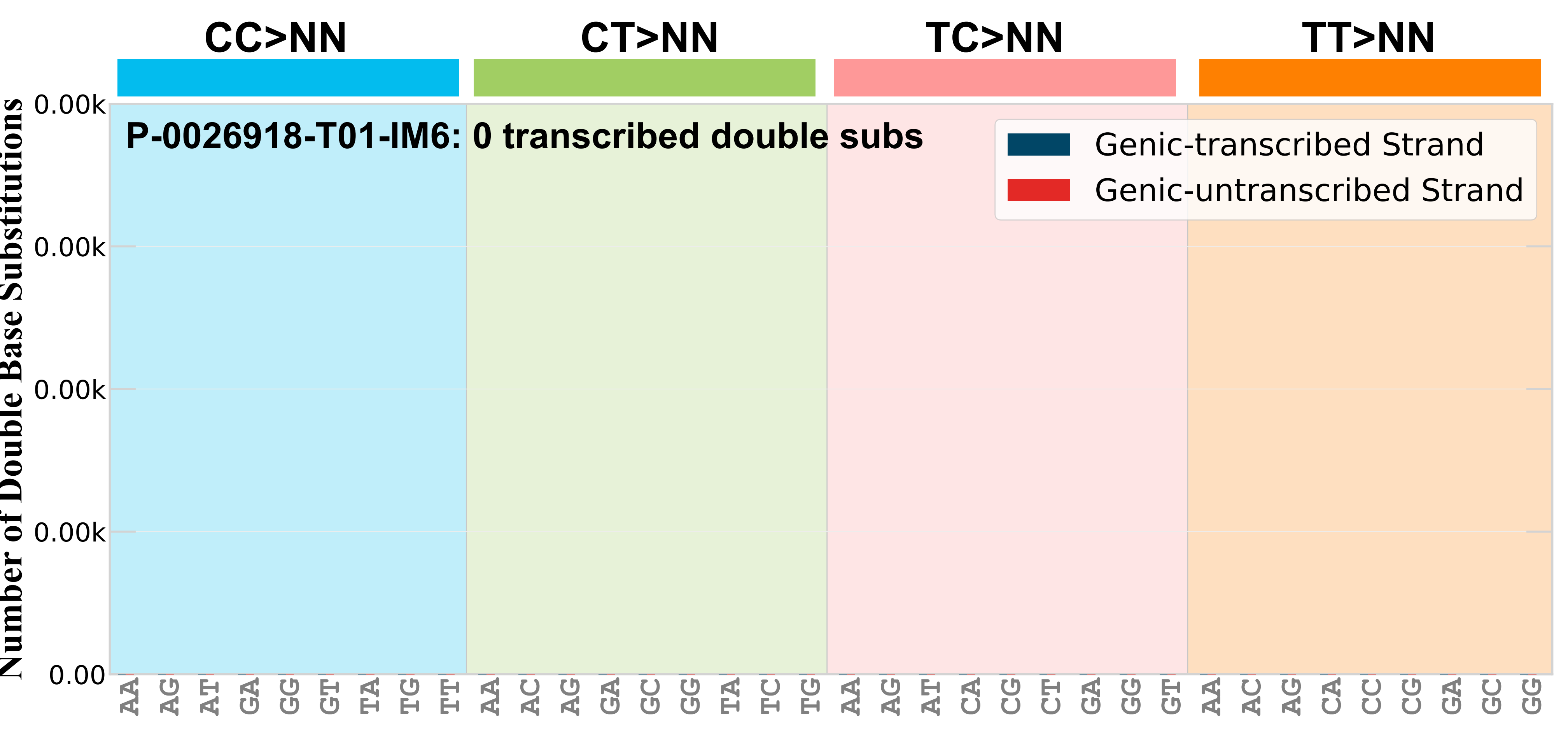




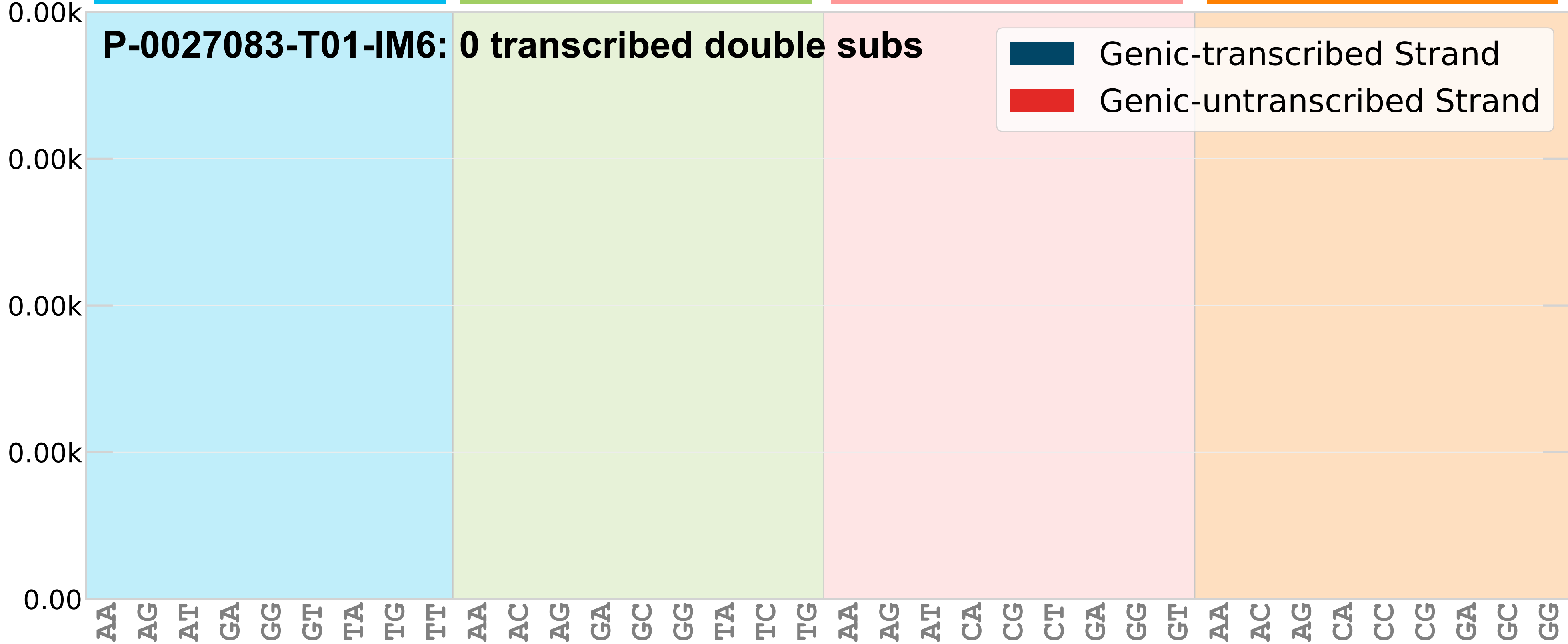
# TT>NN

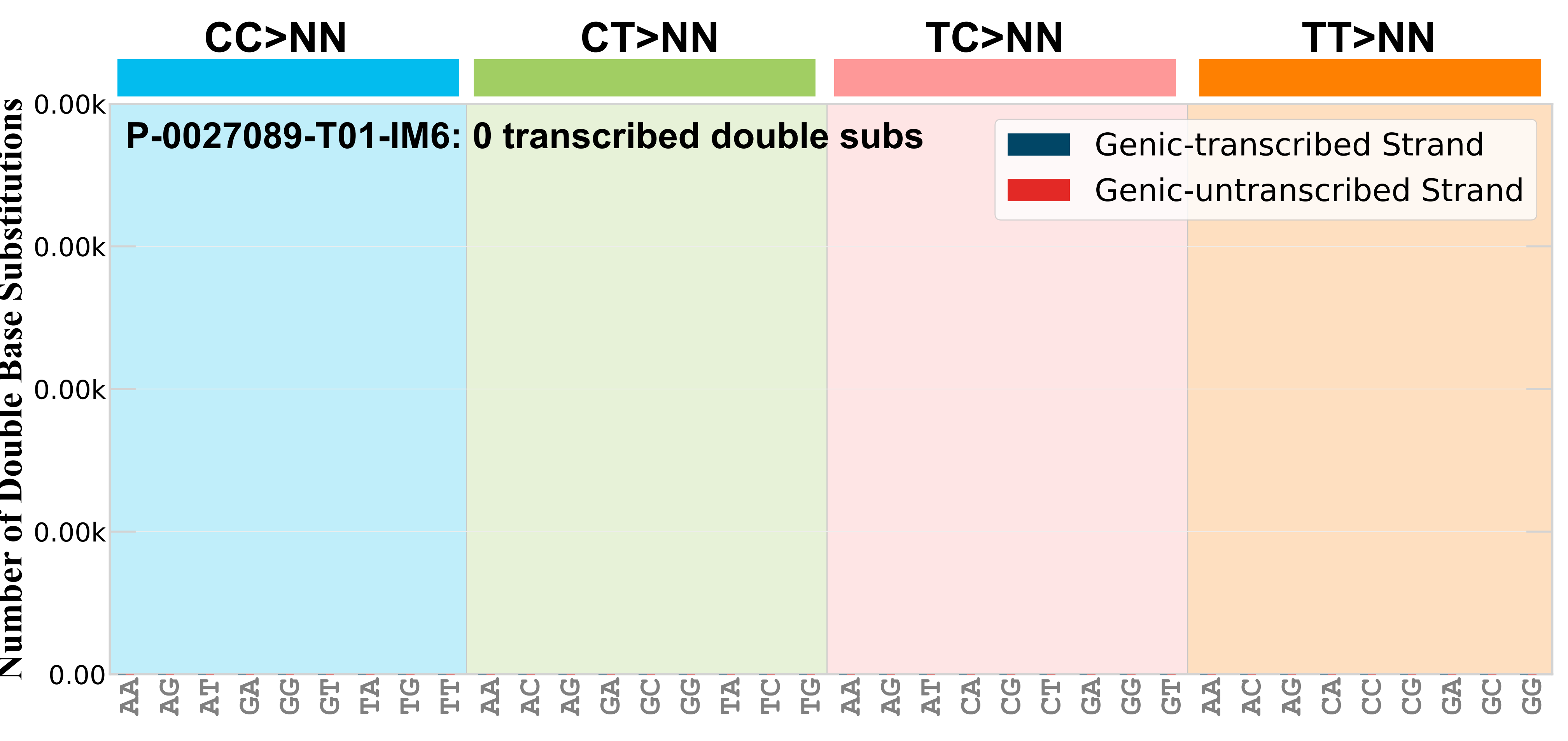




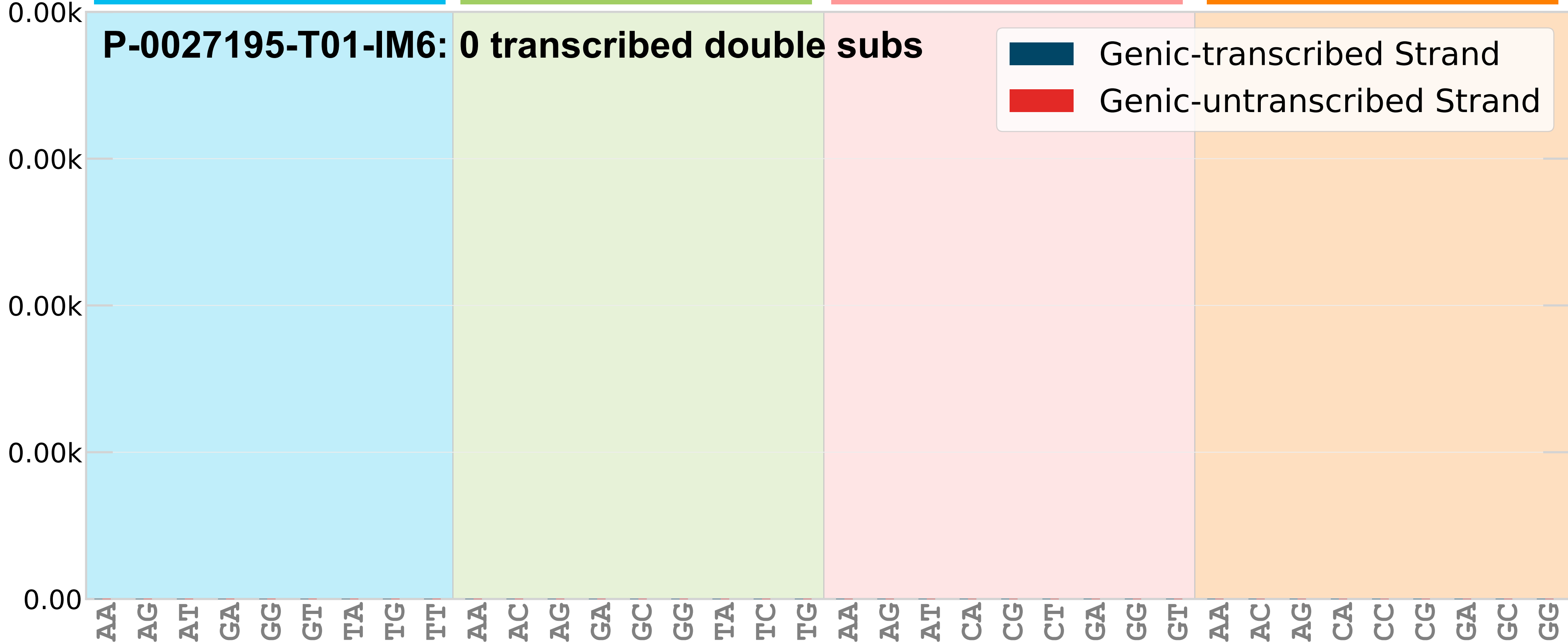


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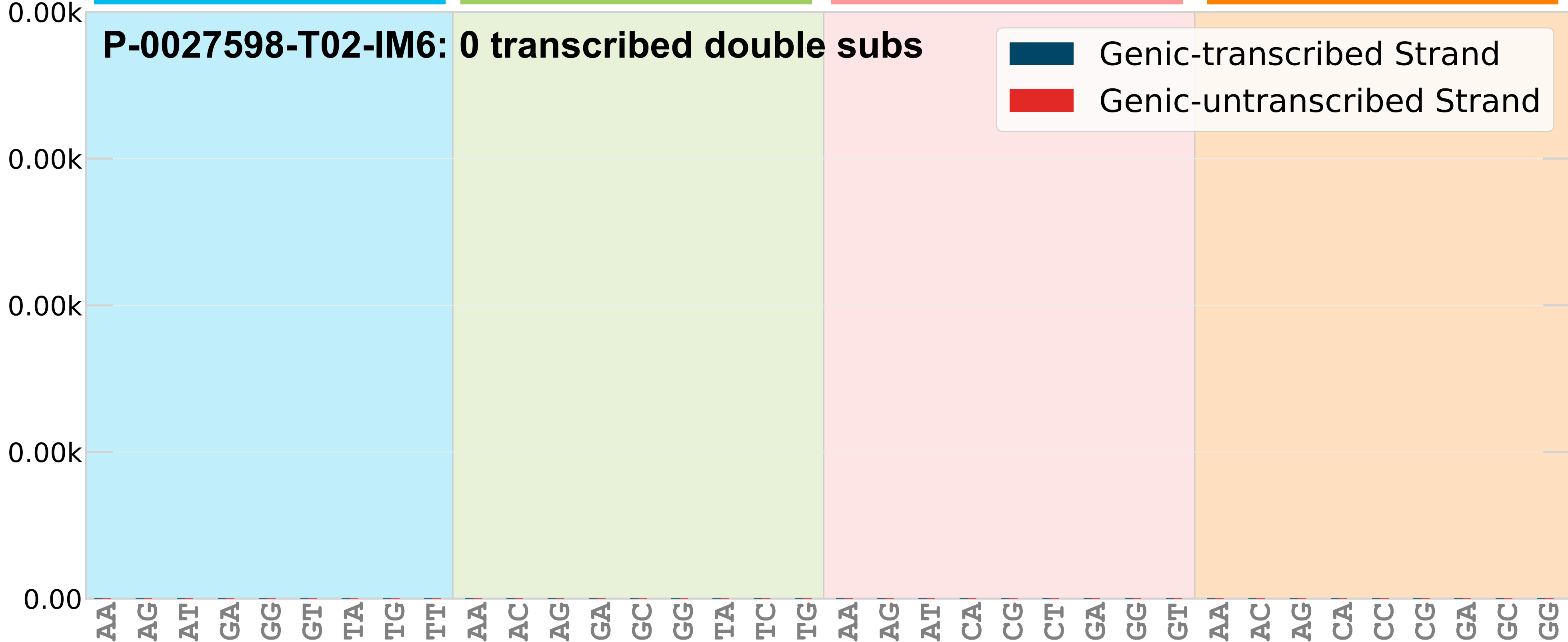




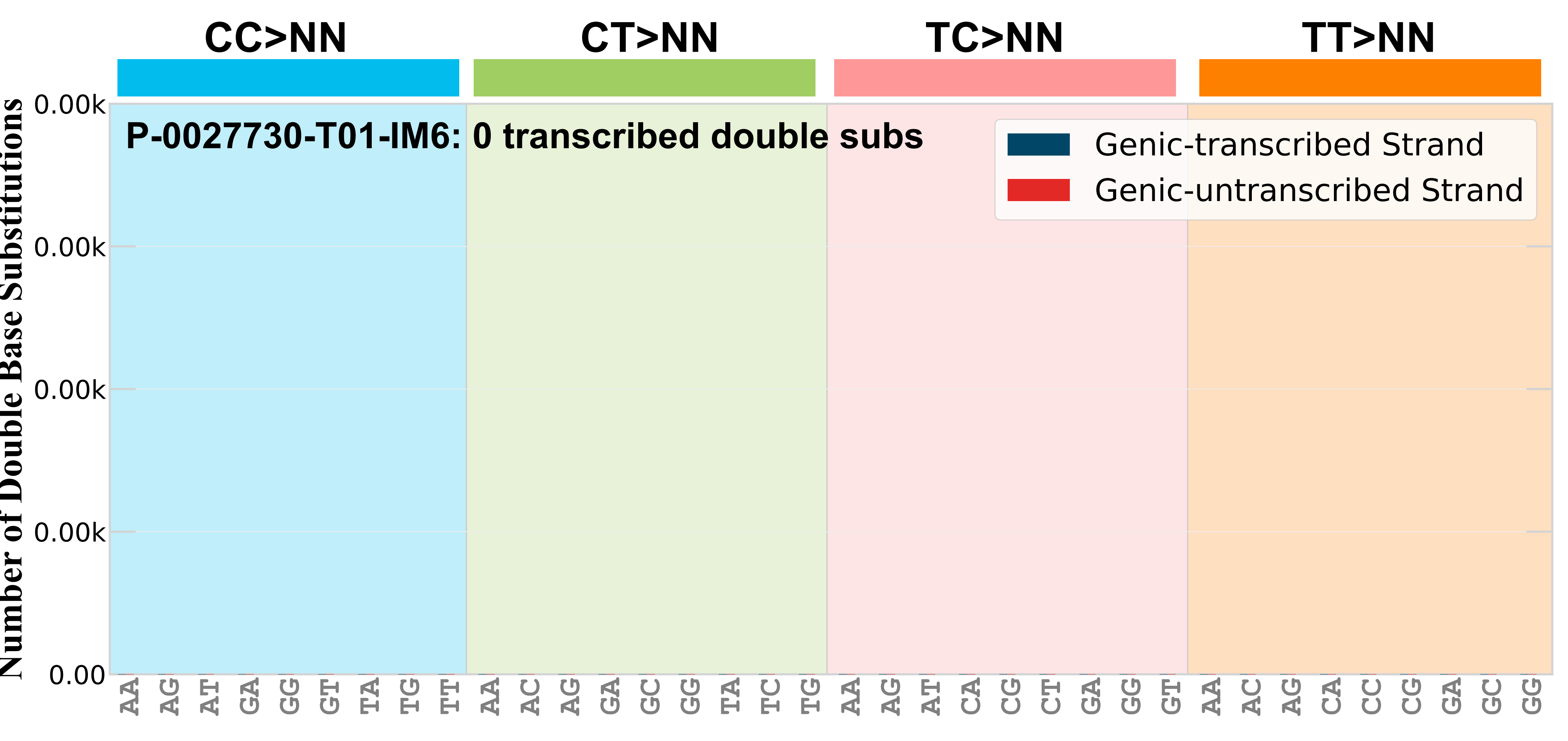
# TT>NN



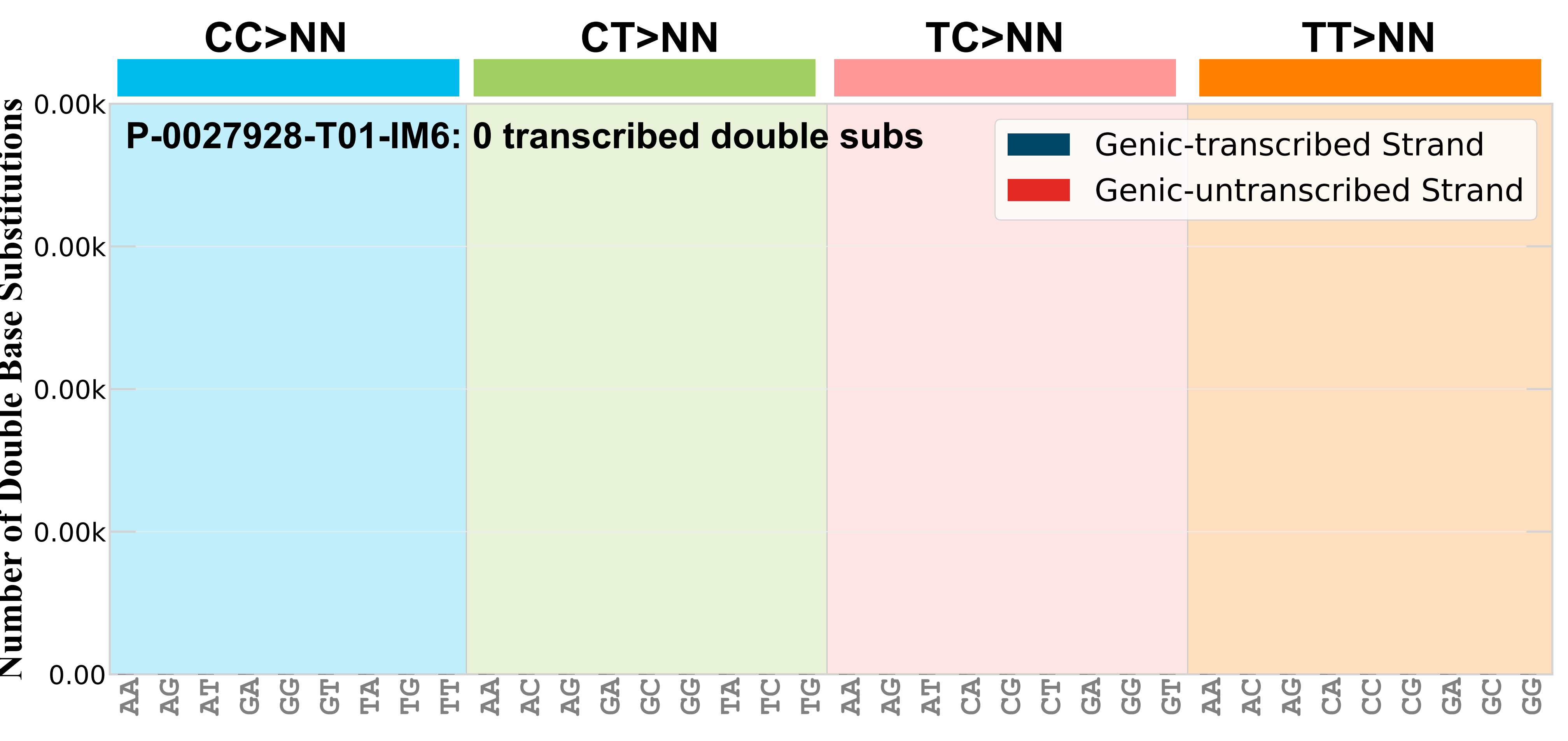
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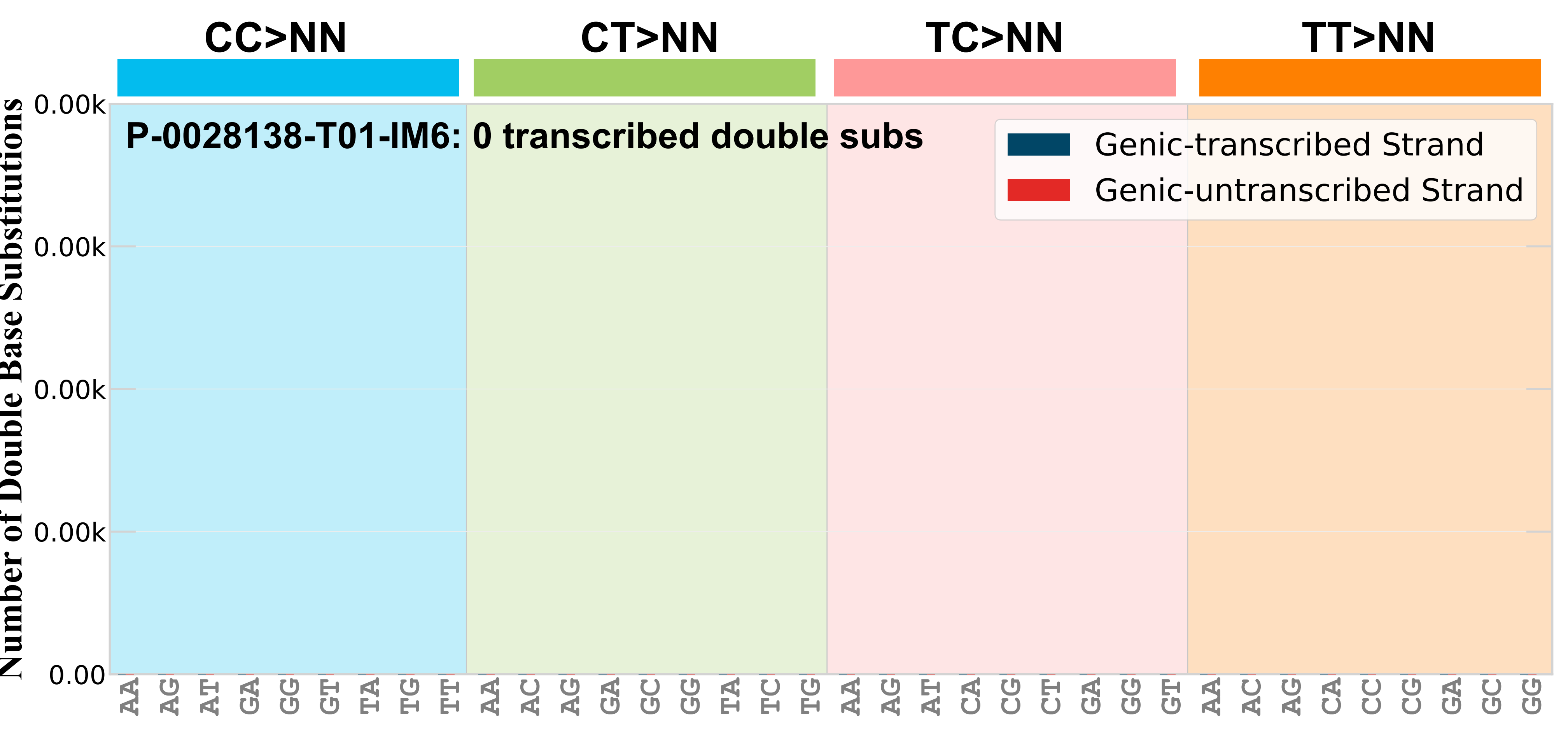


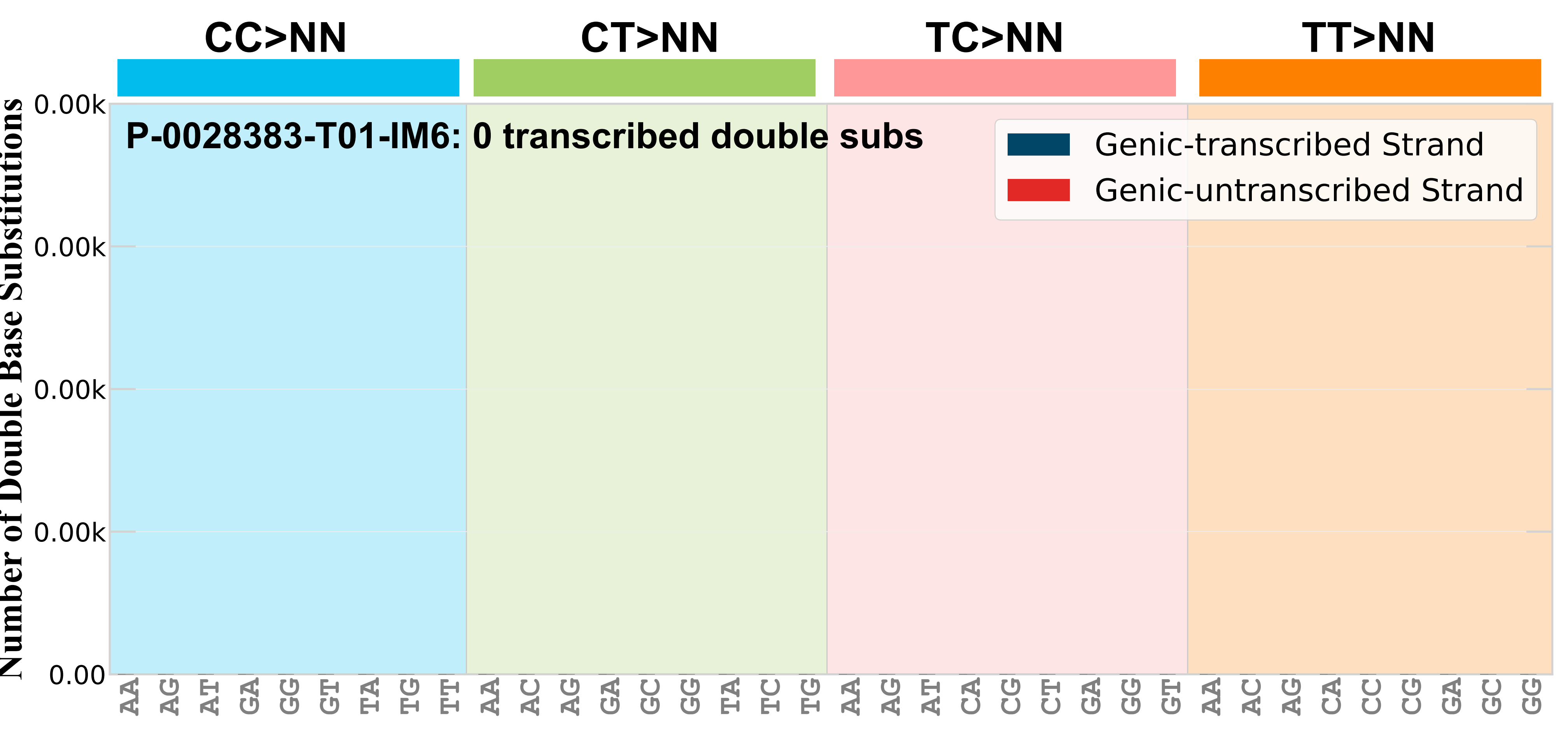




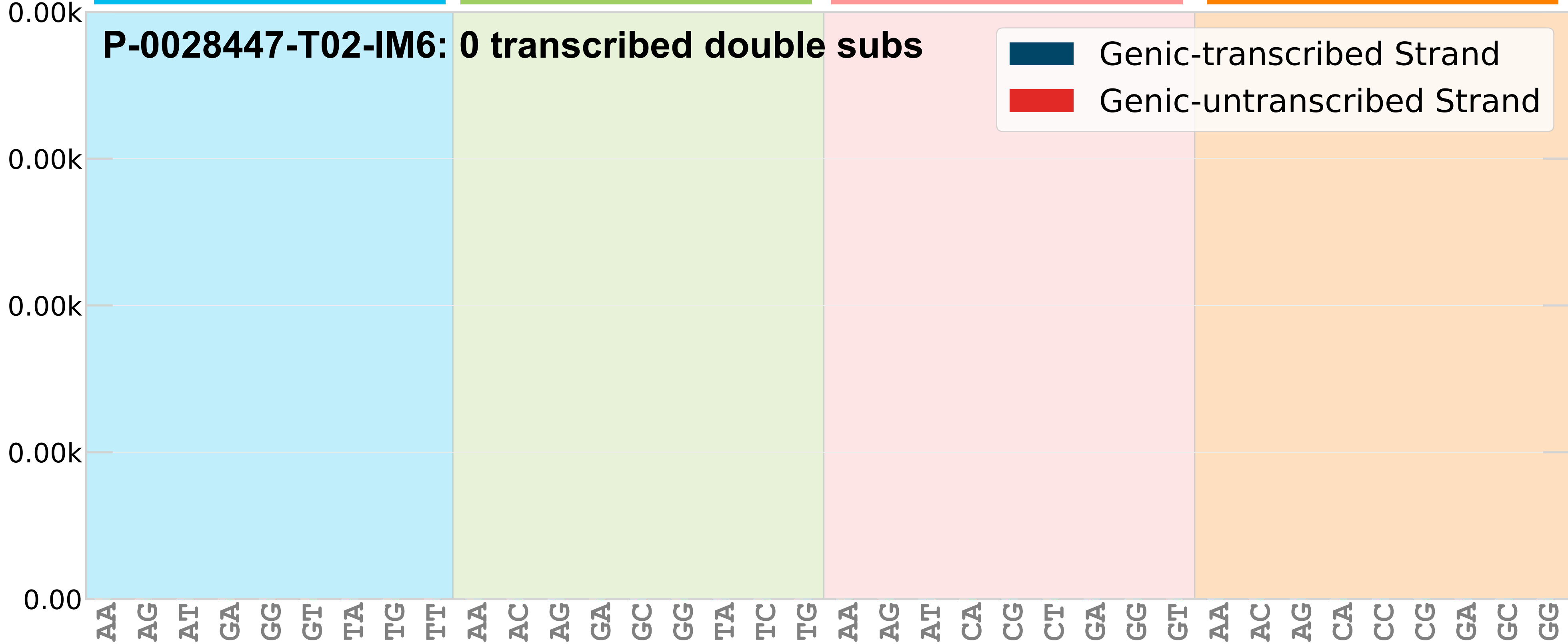




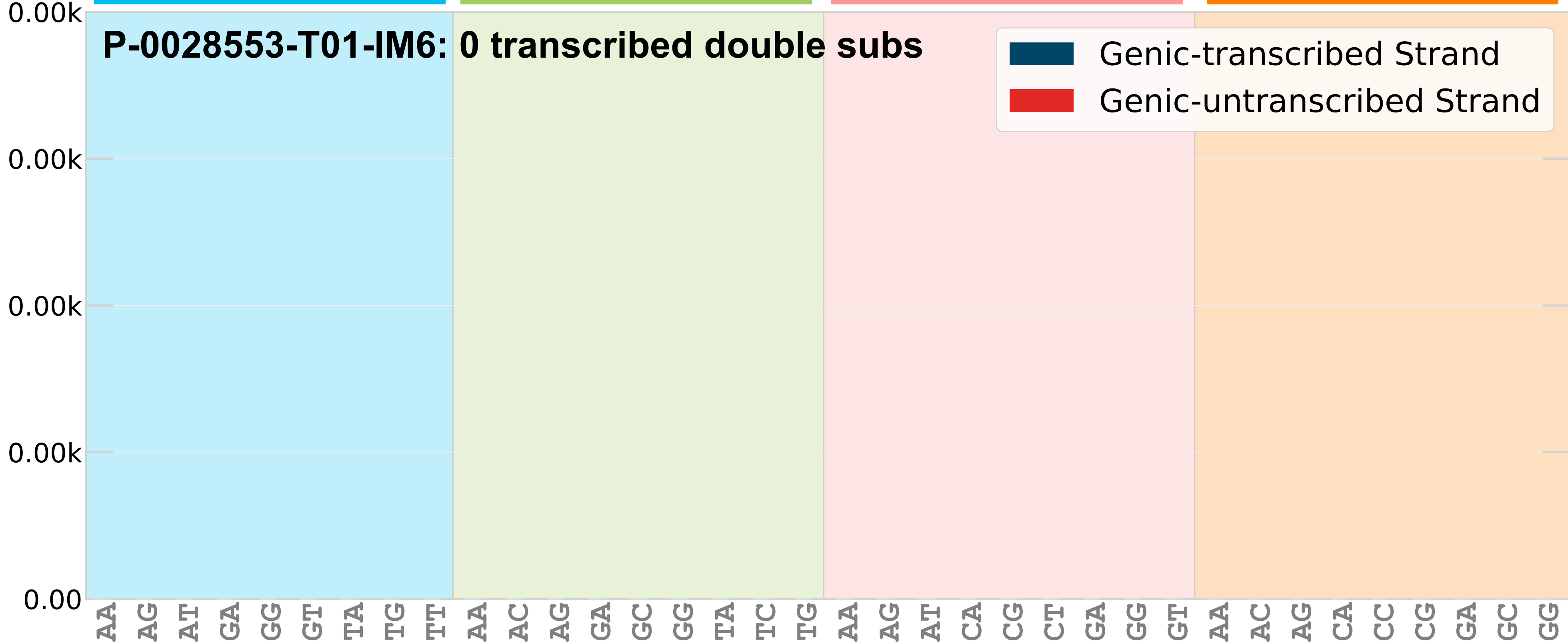




# TT>NN



# TT>NN

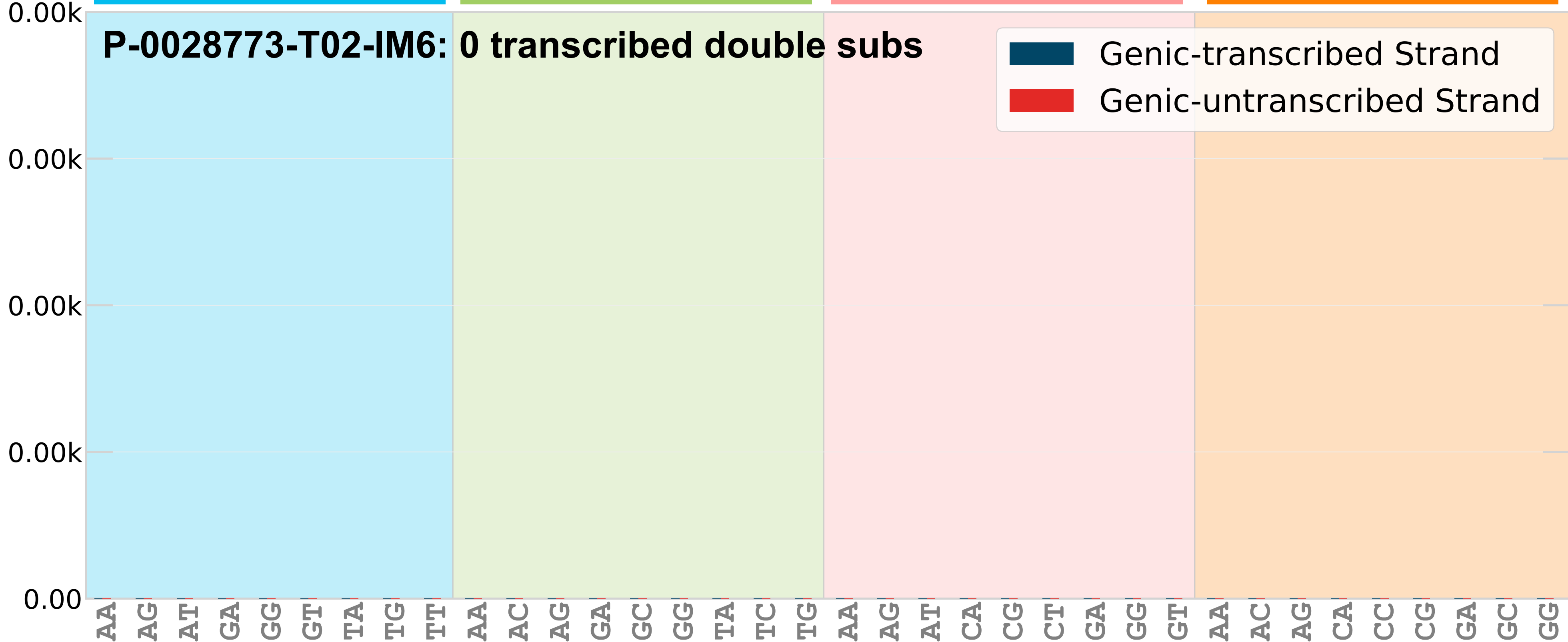




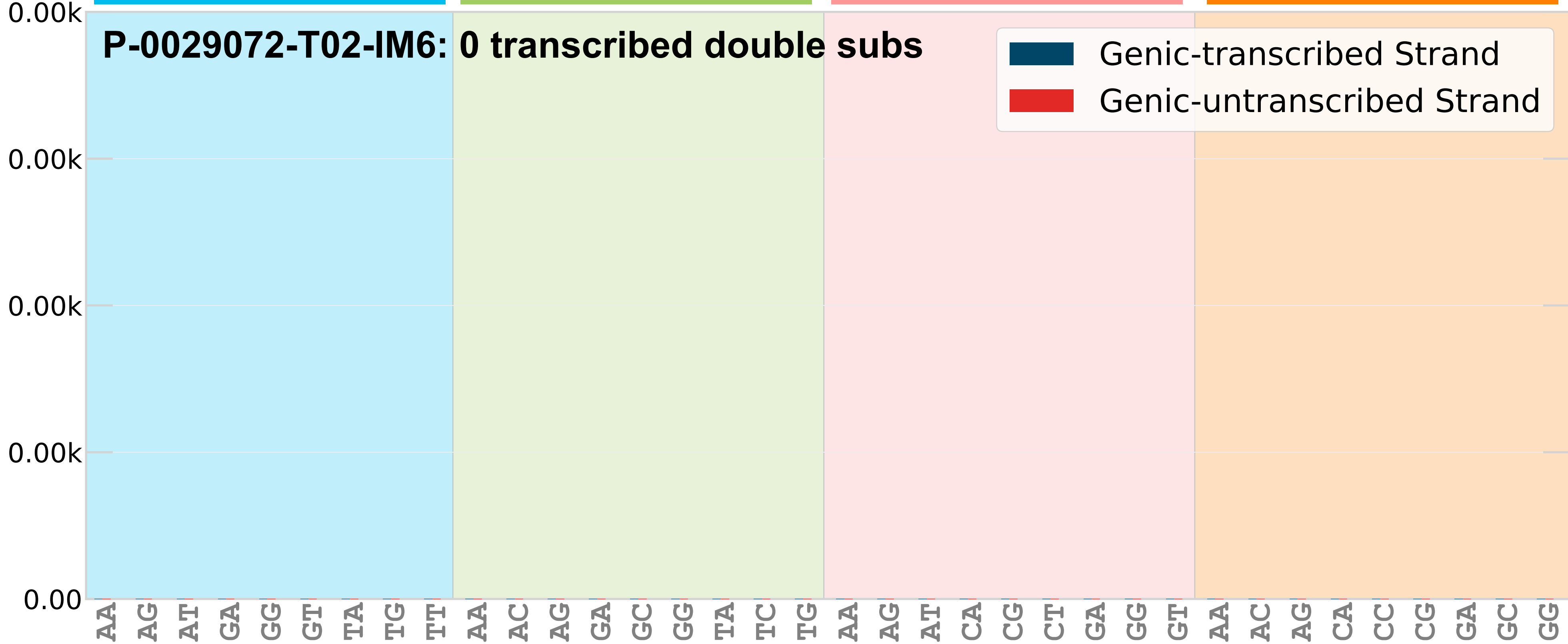


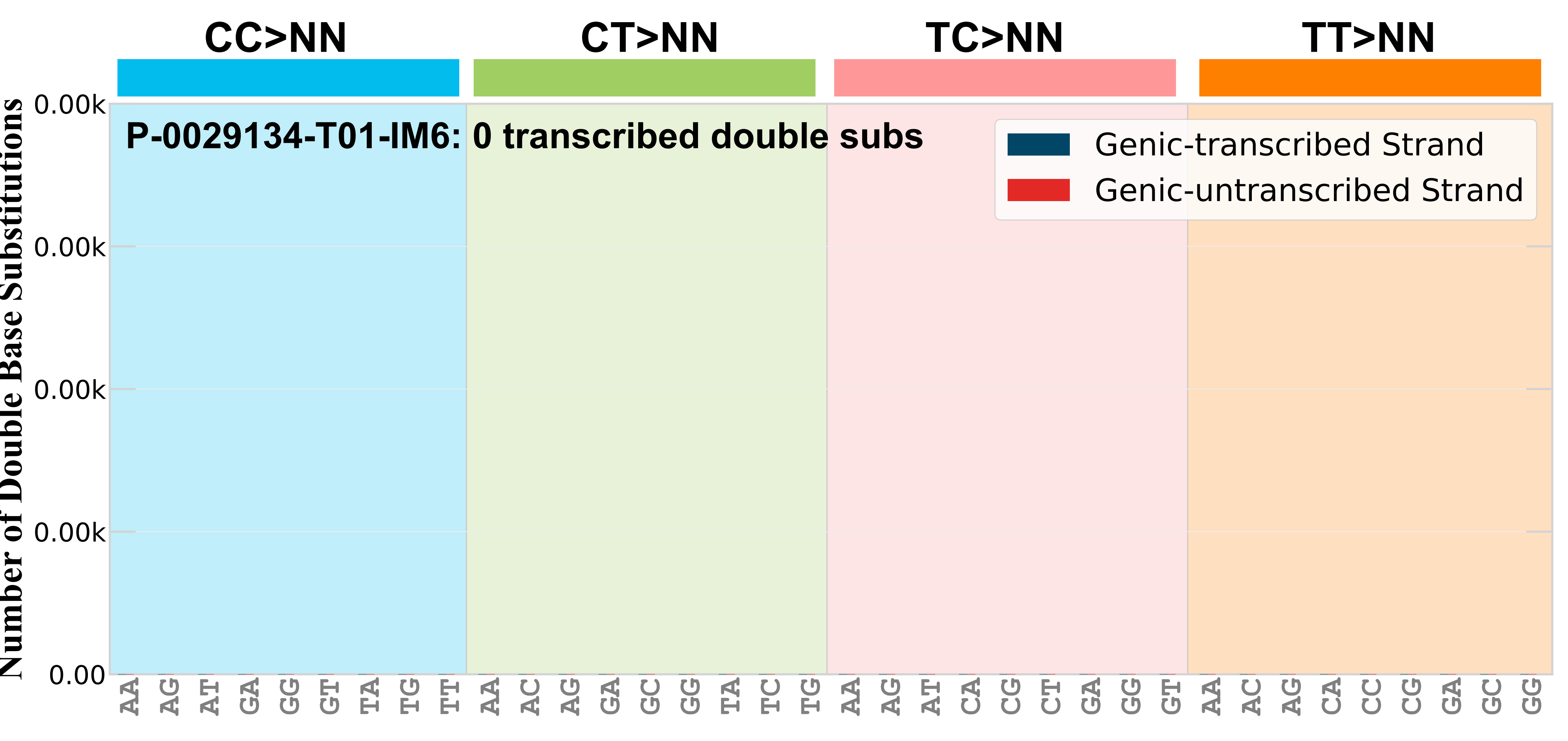


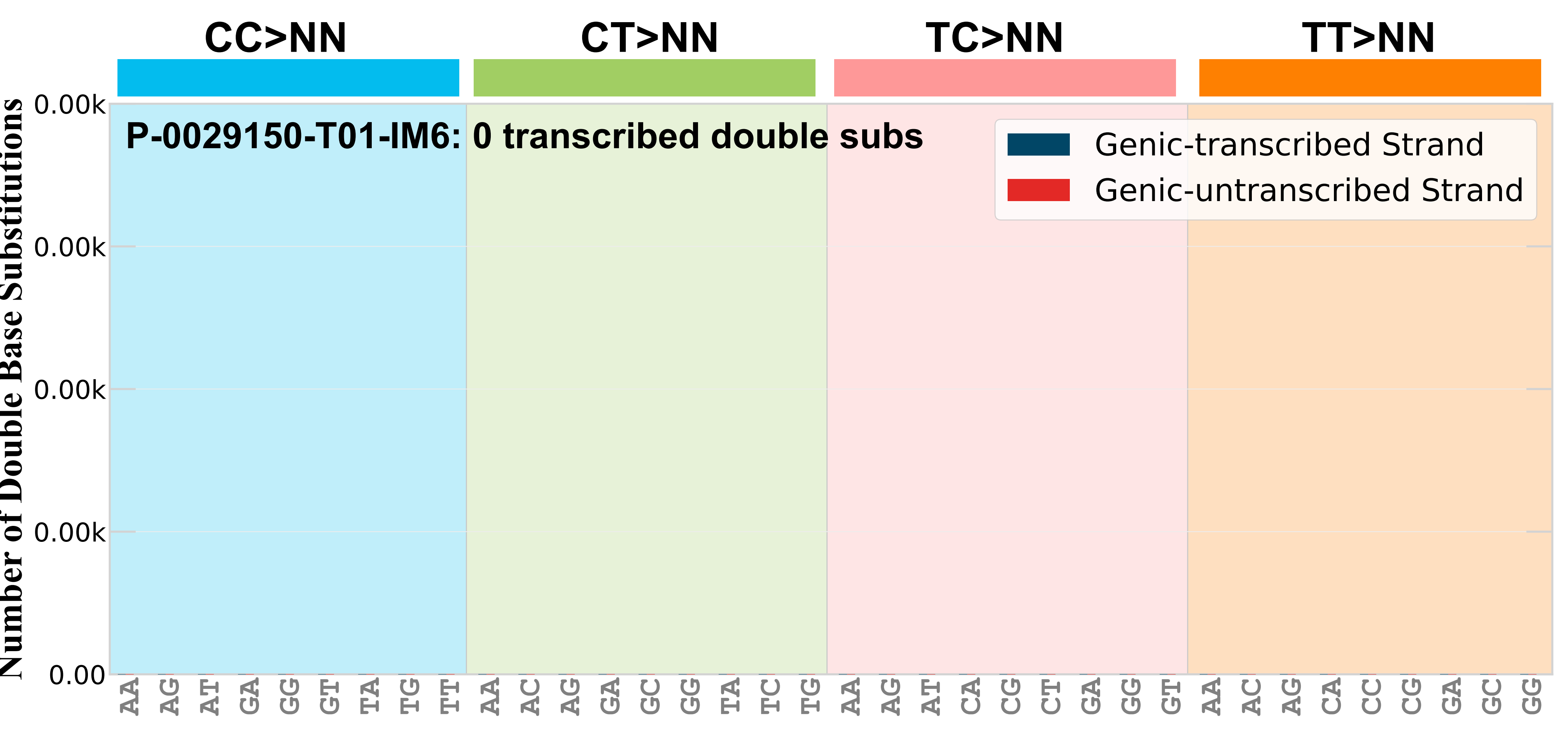
# TT>NN

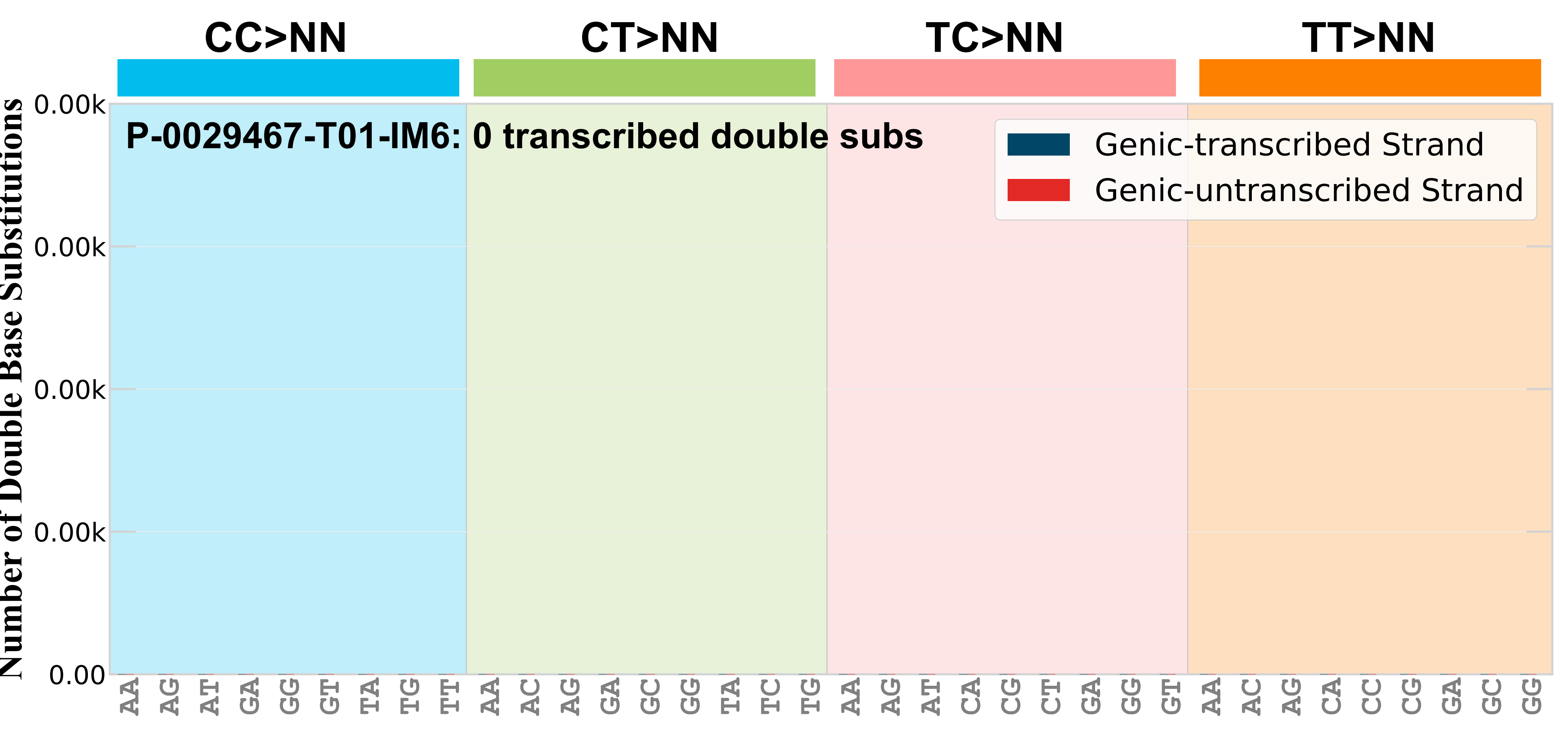


**TT>NN**





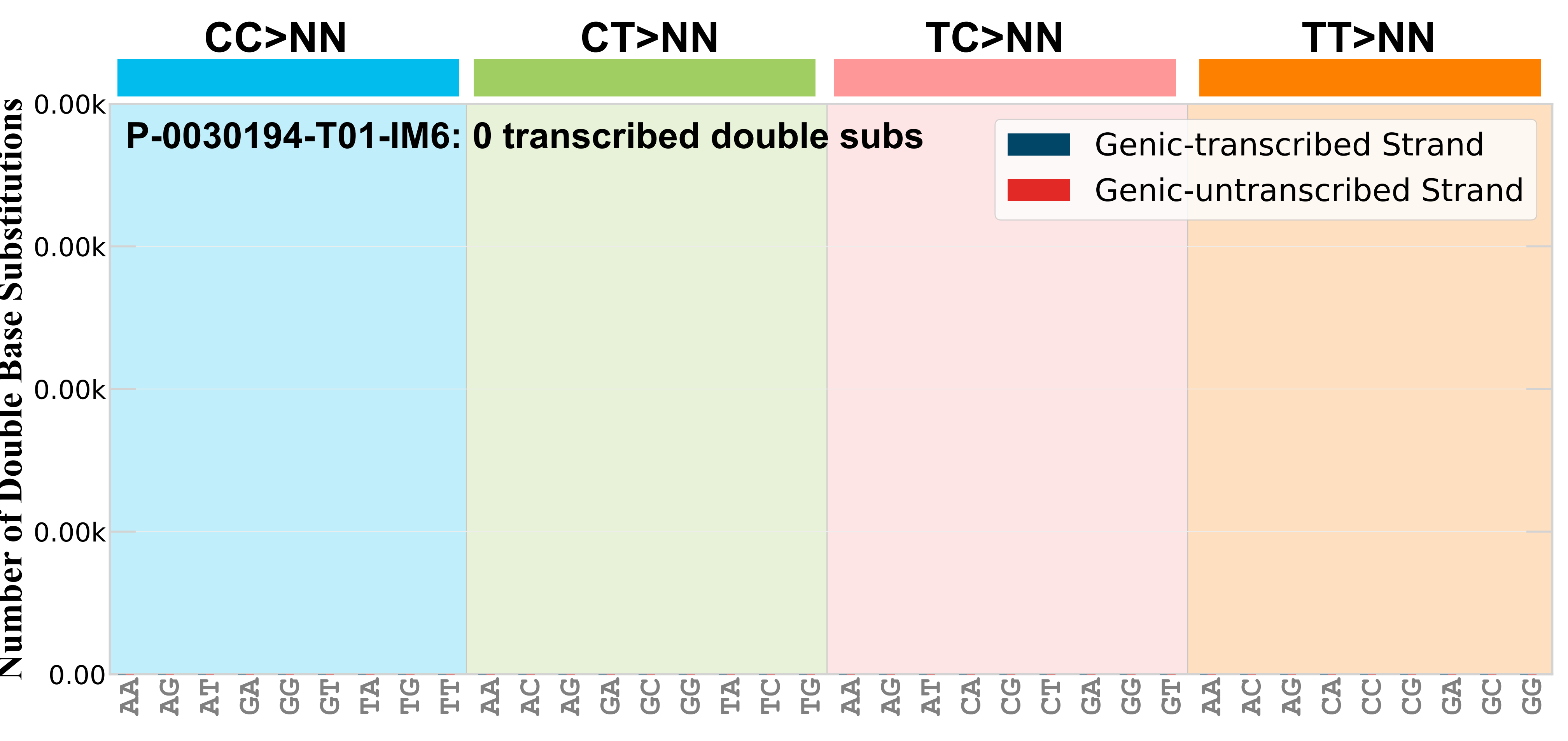




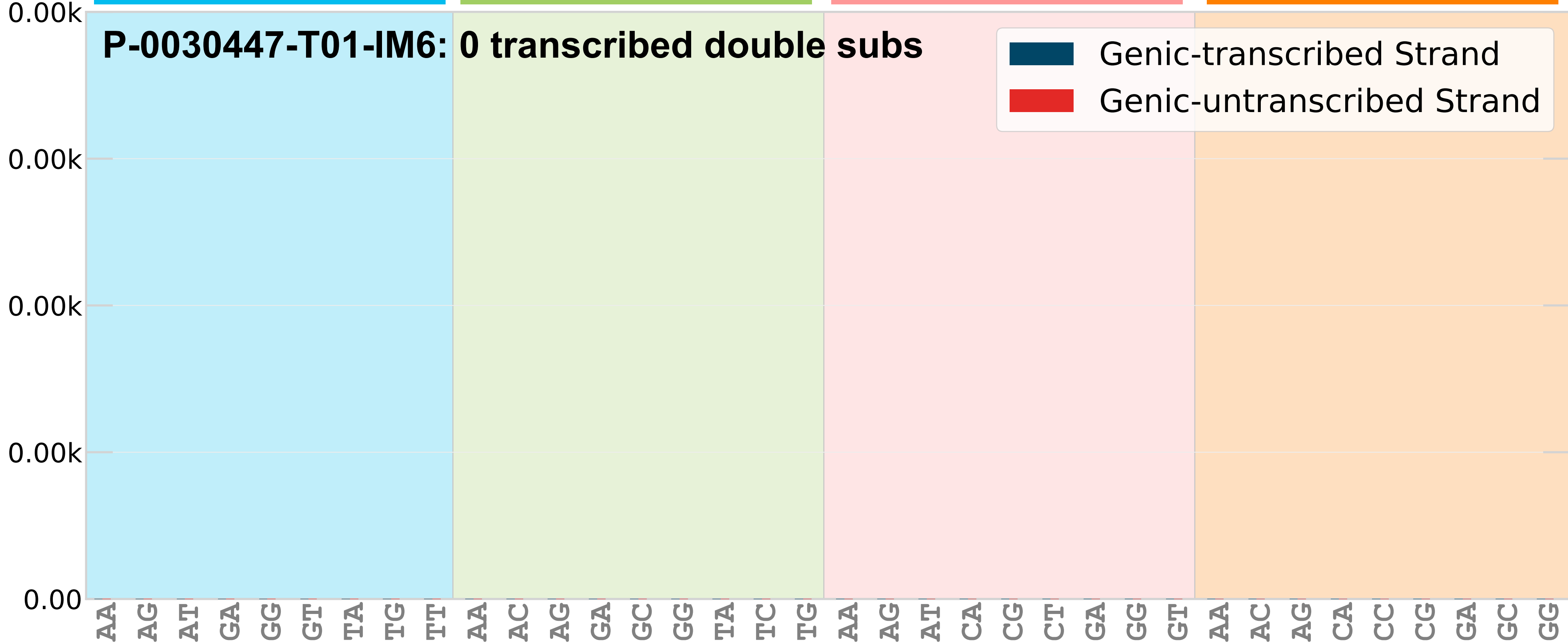


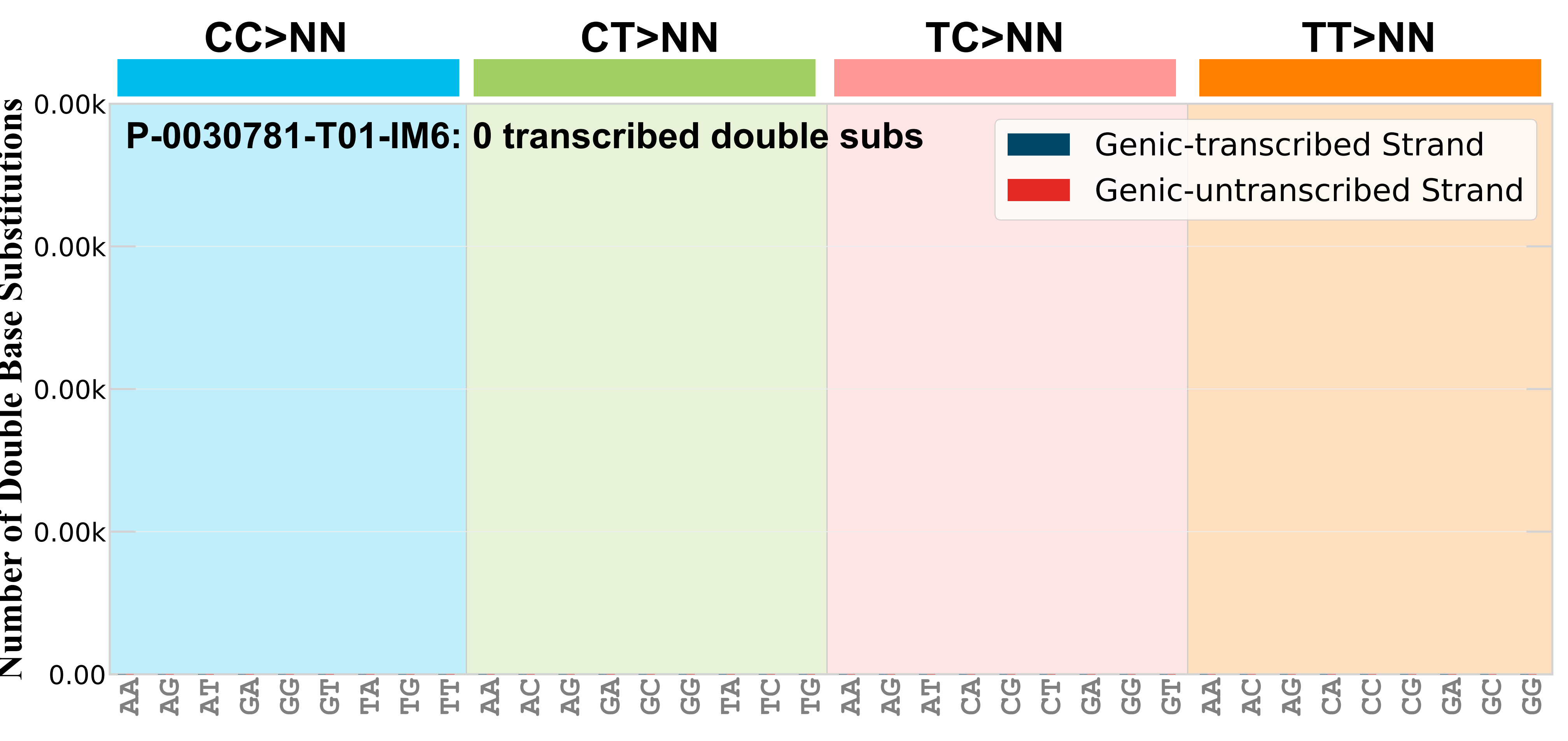




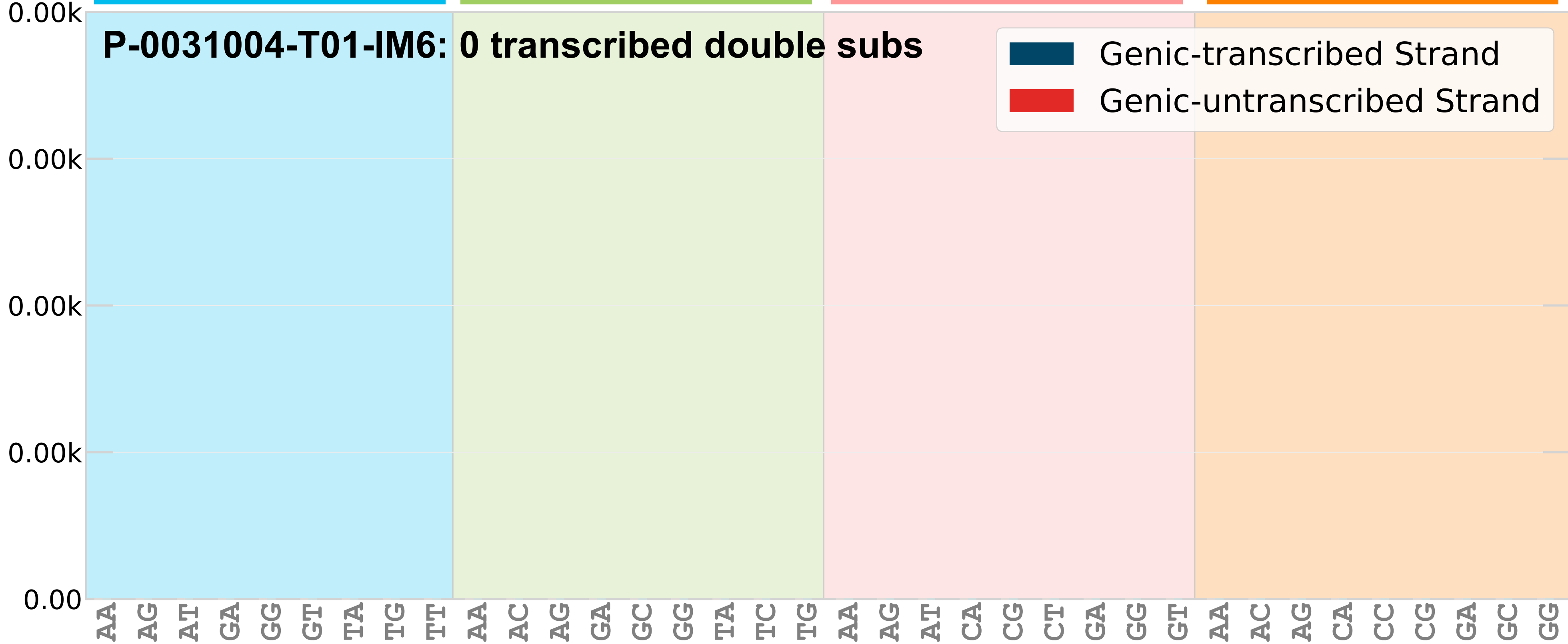


**TT>NN**





**TT>NN**



Number of Double Base Substitutions

CC>NN

CT>NN

TC>NN

TT>NN

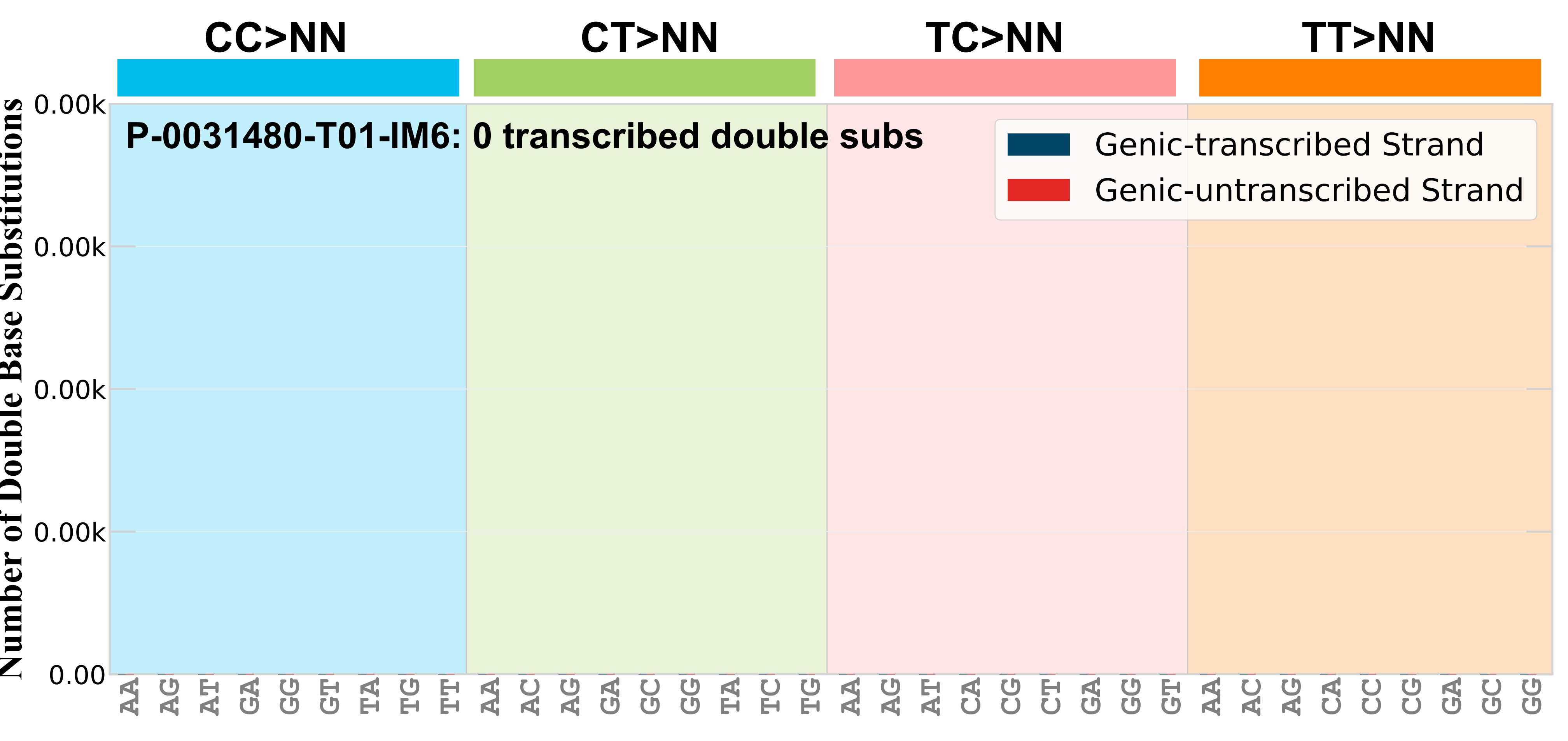
P-0031080-T01-IM6: 0 transcribed double subs

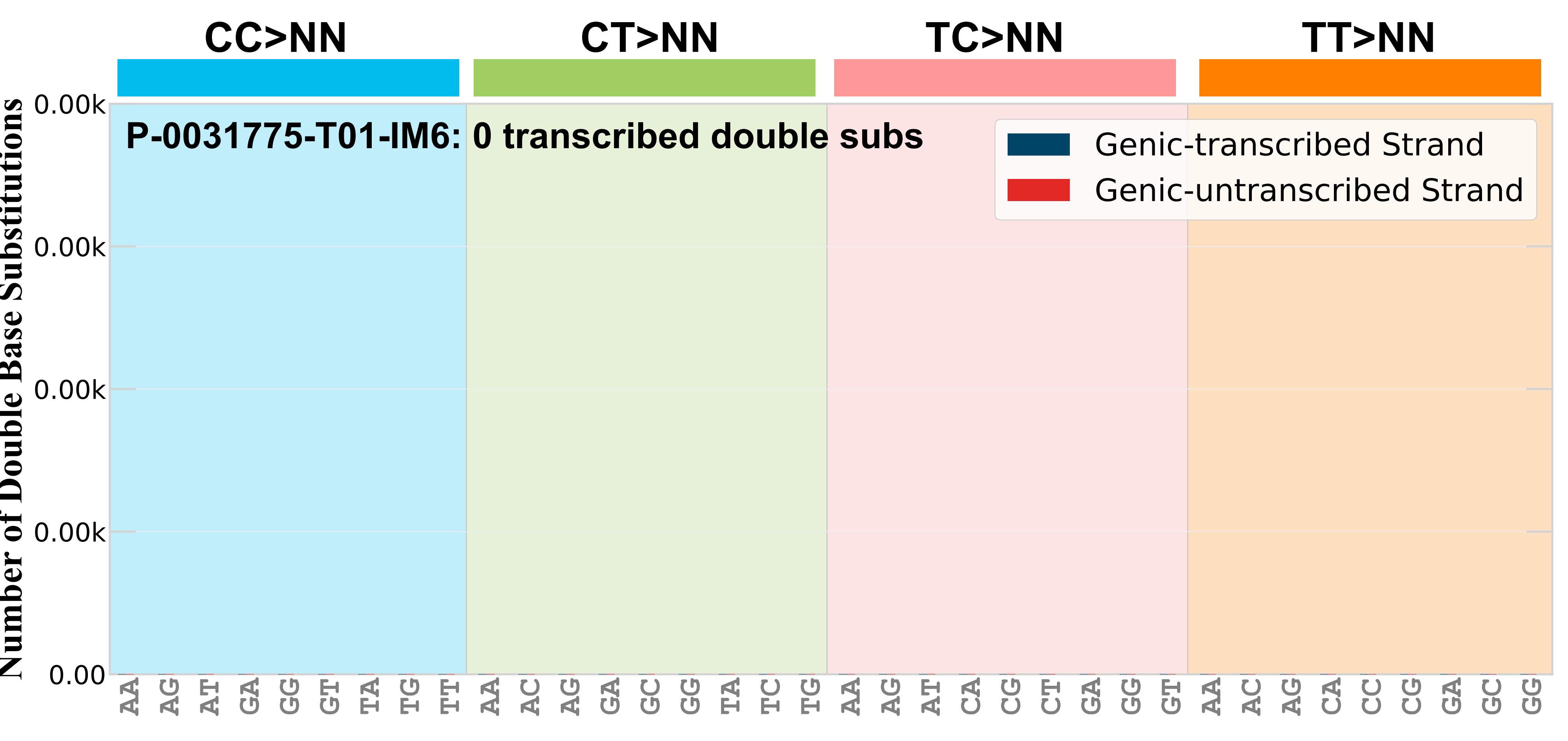
Genic-transcribed Strand

Genic-untranscribed Strand

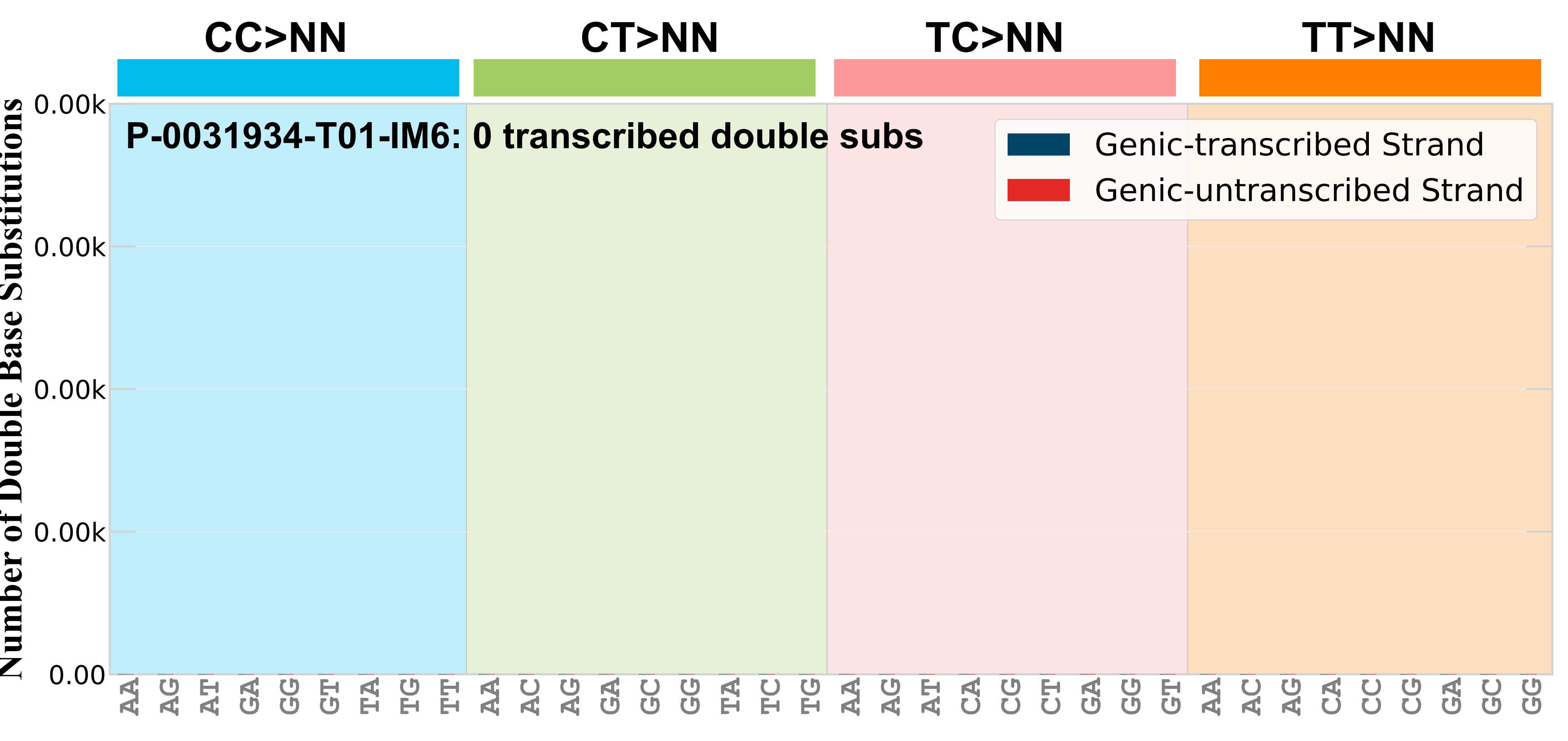
AA AG AT GA GG GT TA TG TT AA AC AG GA GC GG TA TC TG AA AG AT CA CG CT GA GG GT AA AC AG CA CC CG GA GC GG

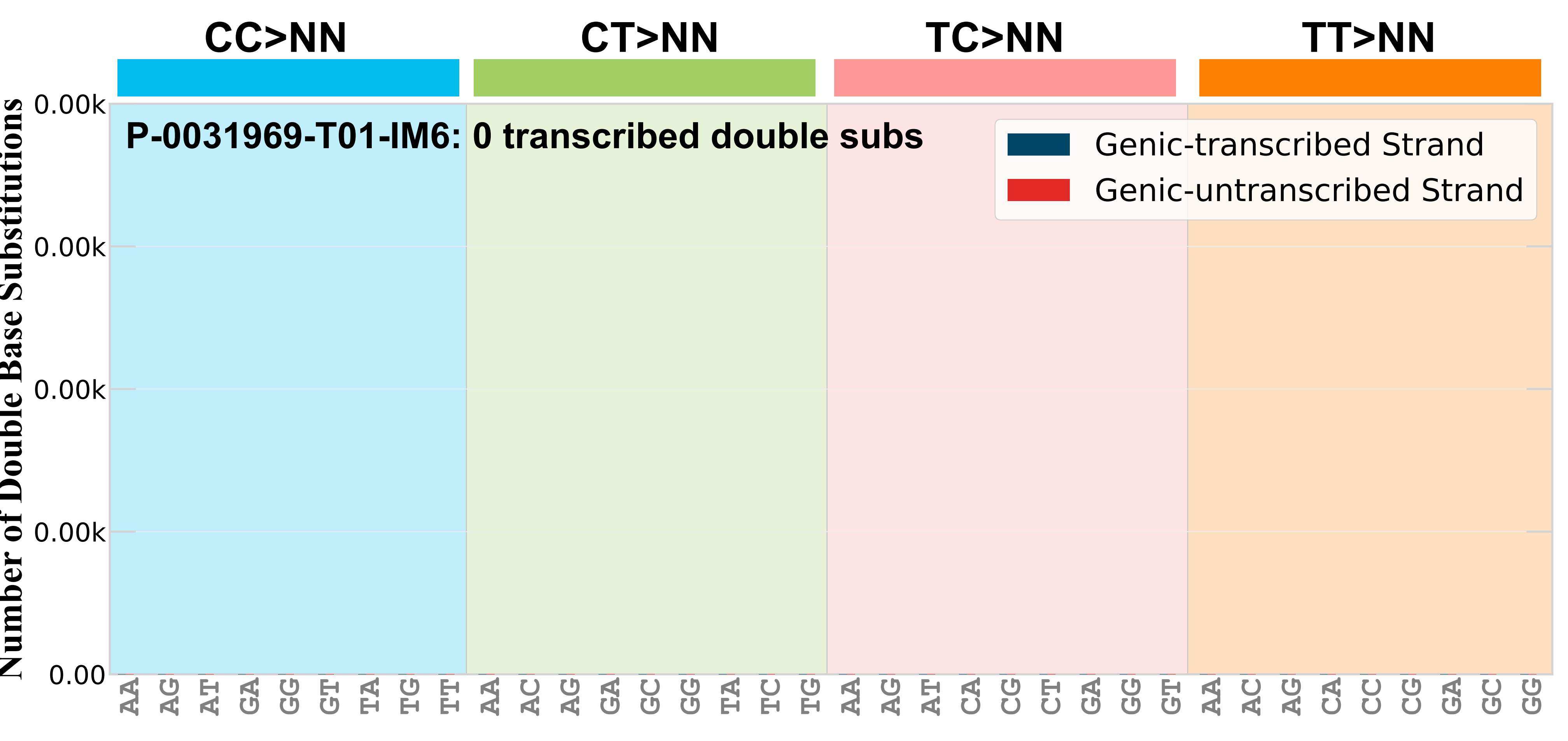






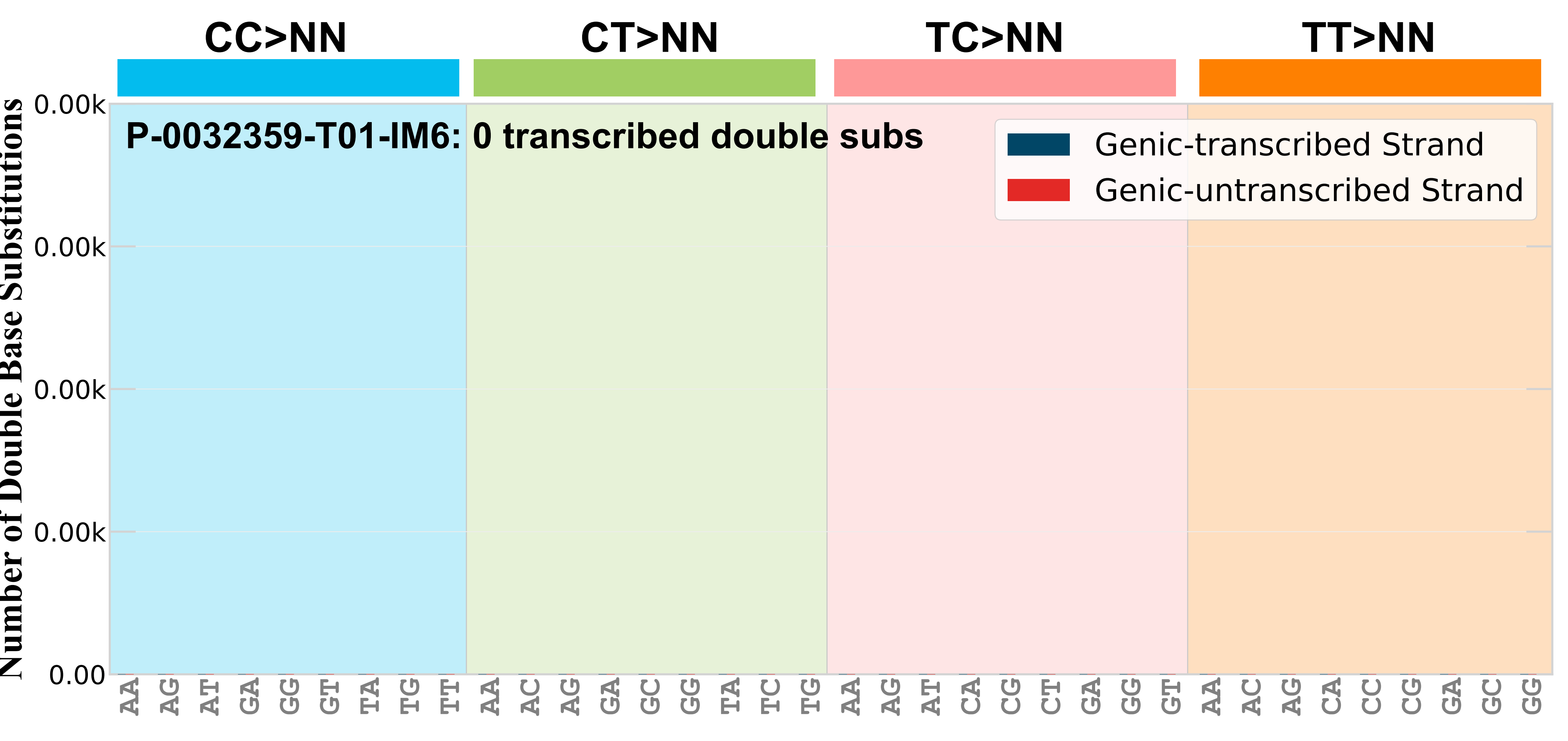




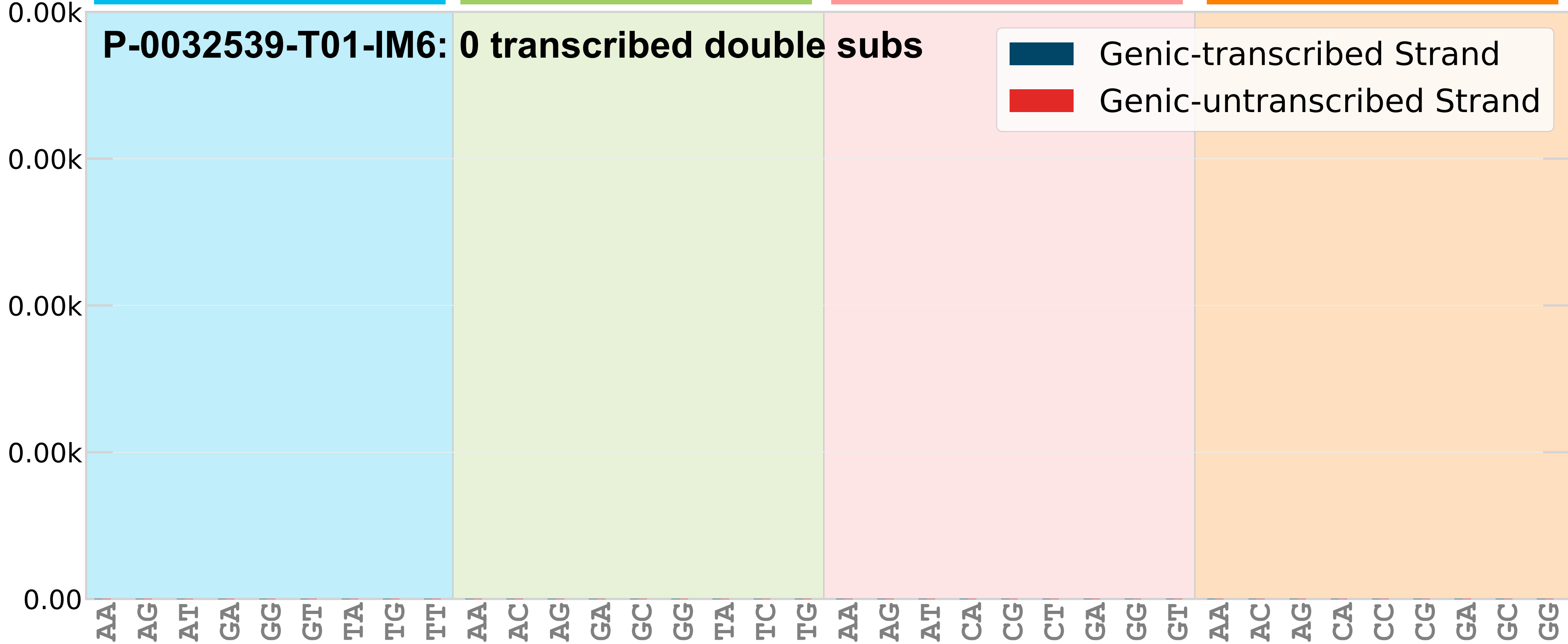


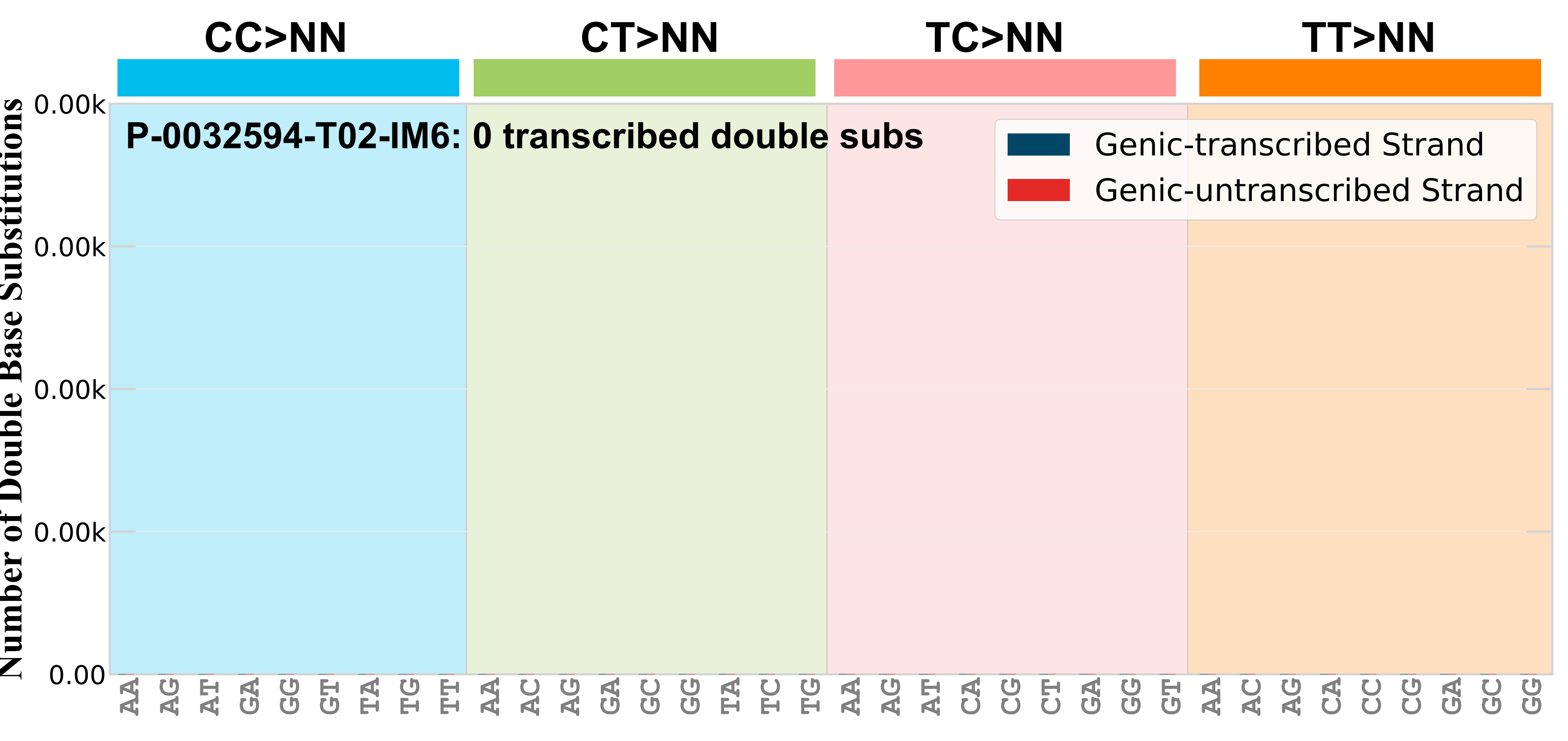


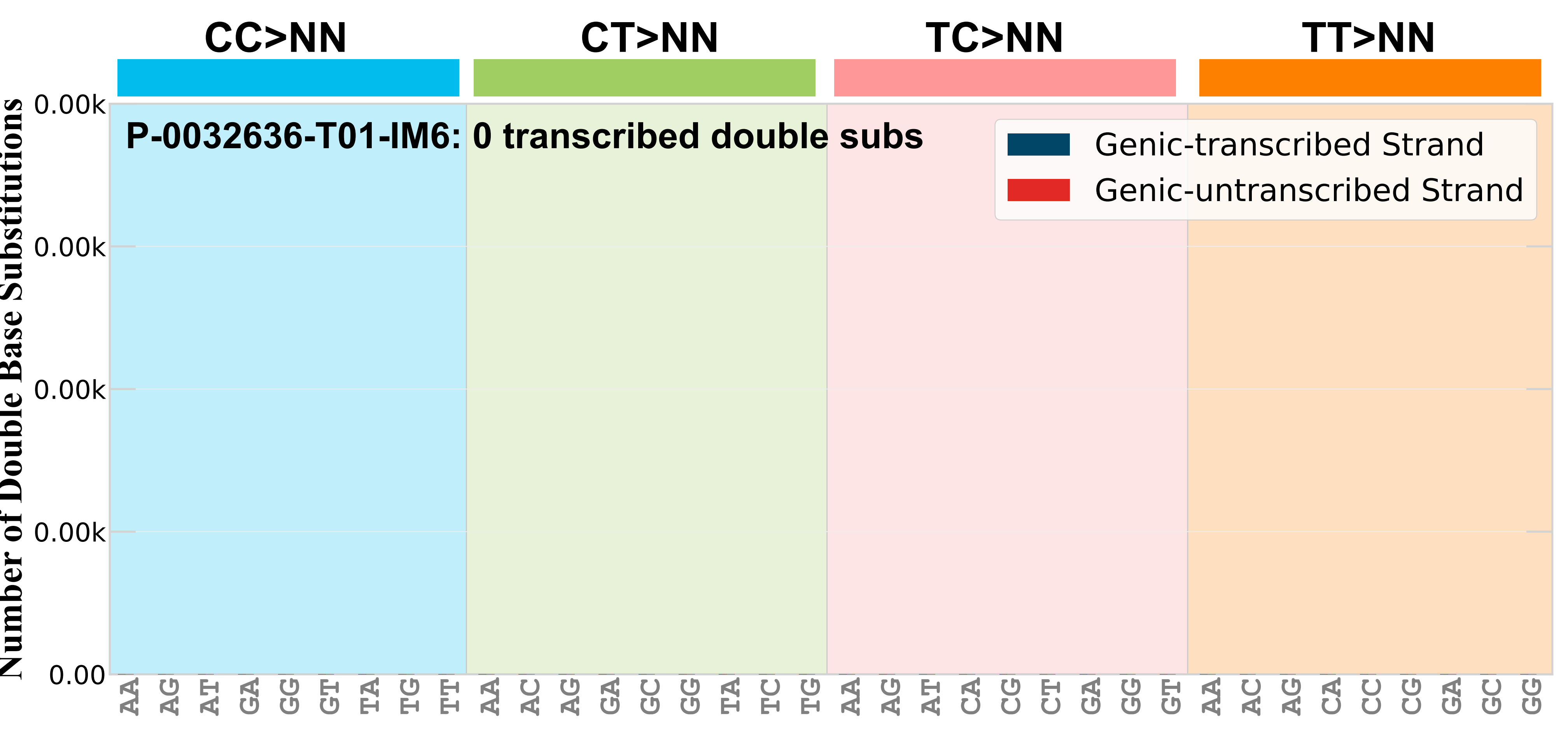




**TT>NN**

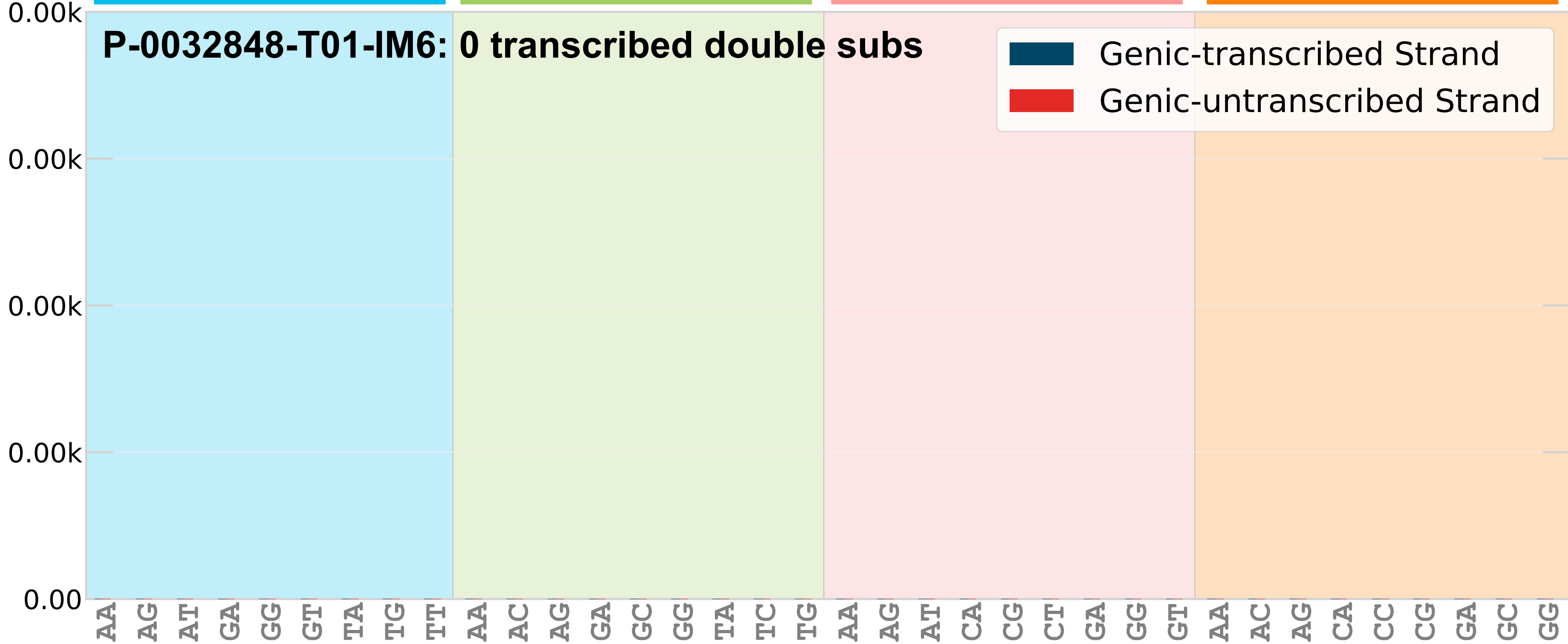




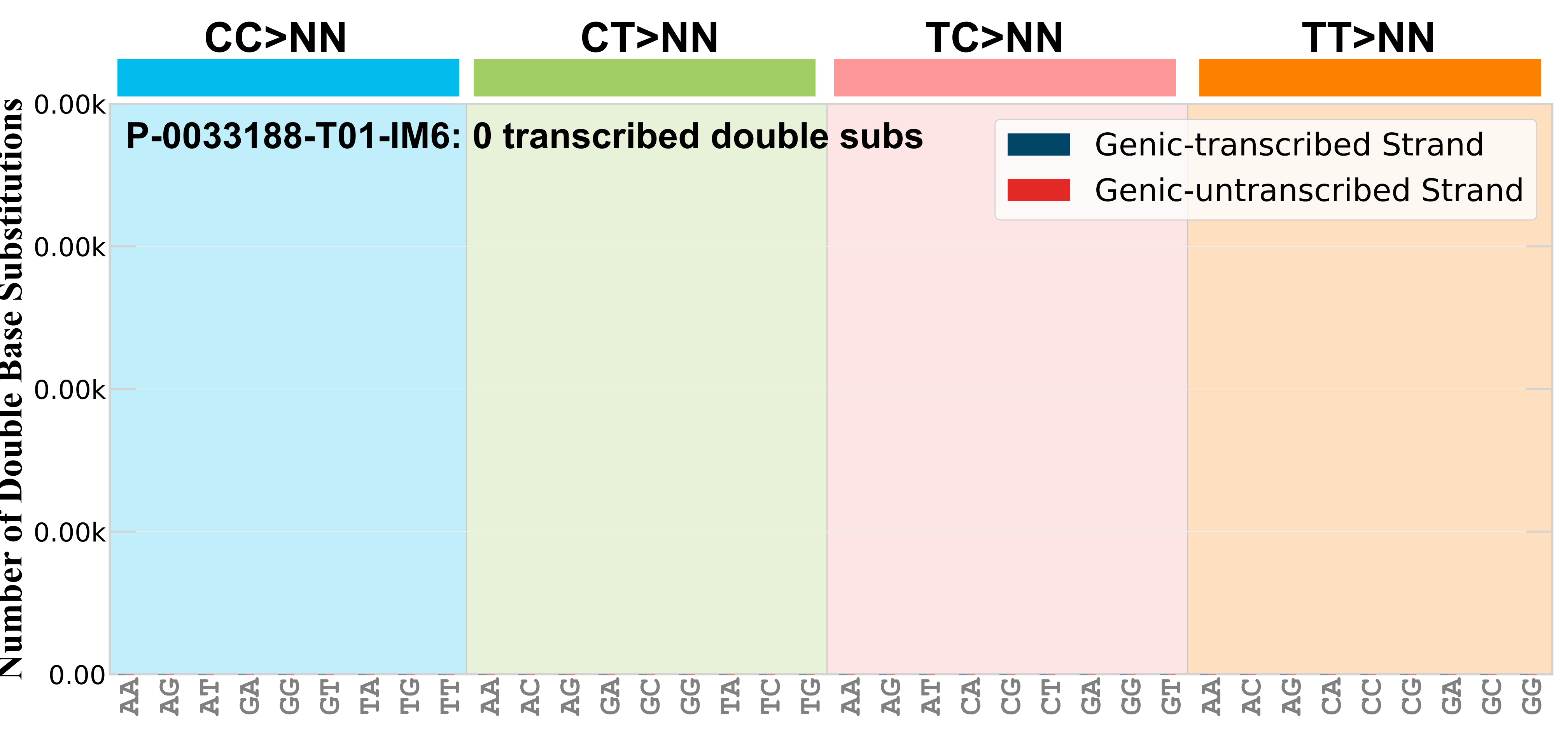




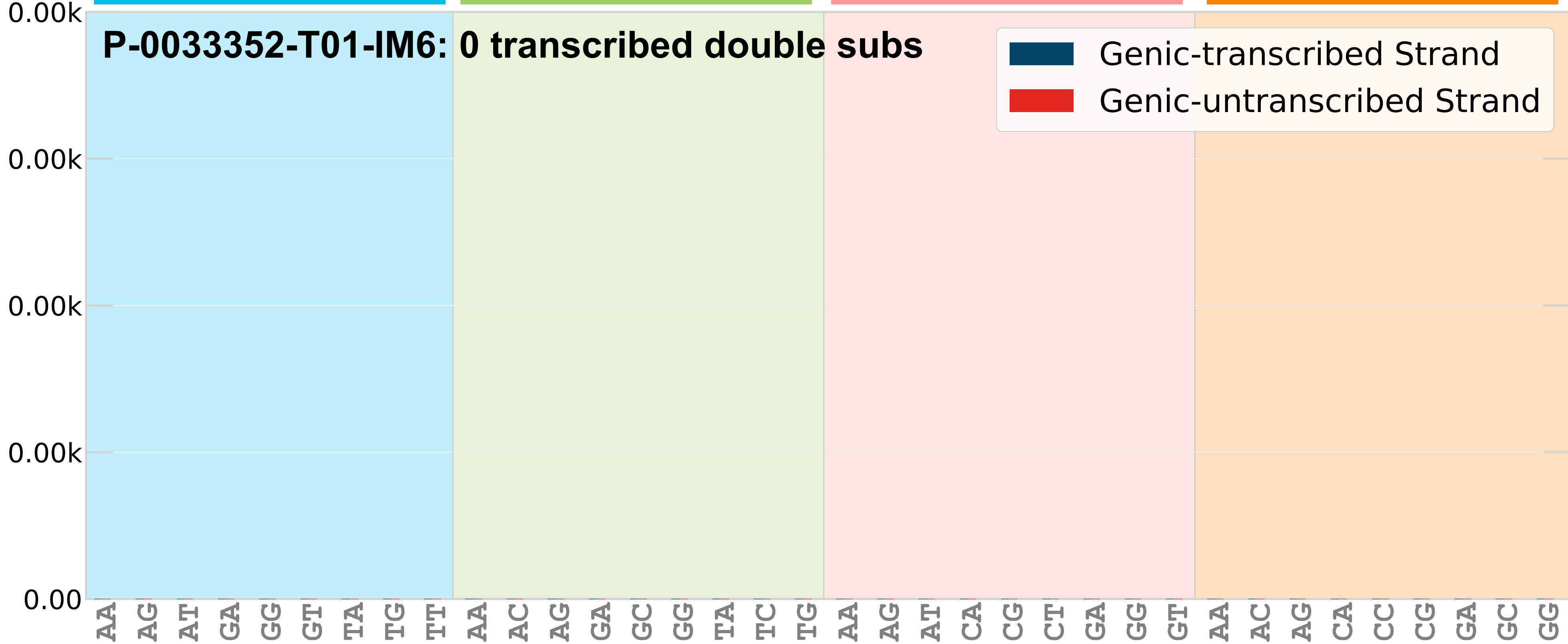
# TT>NN

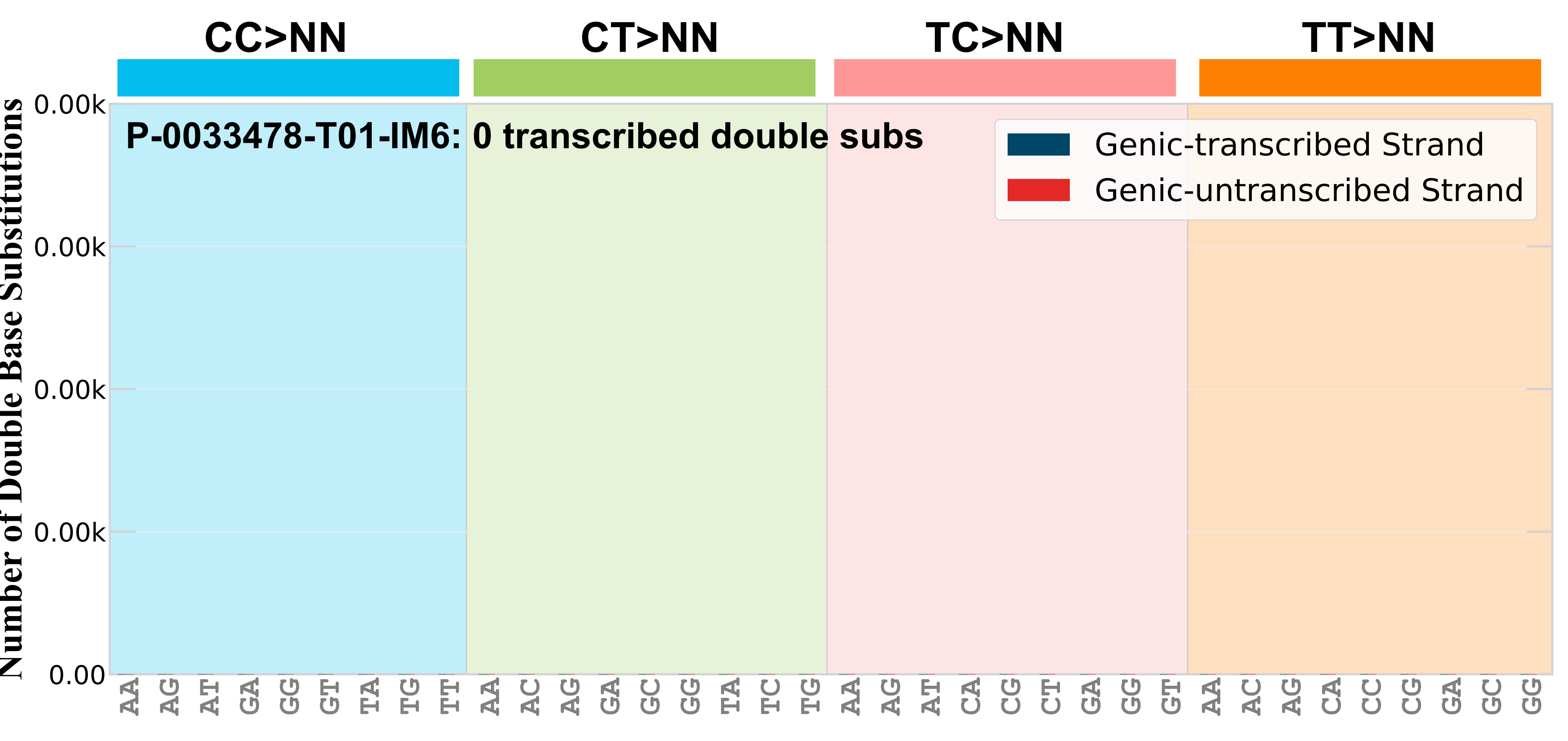




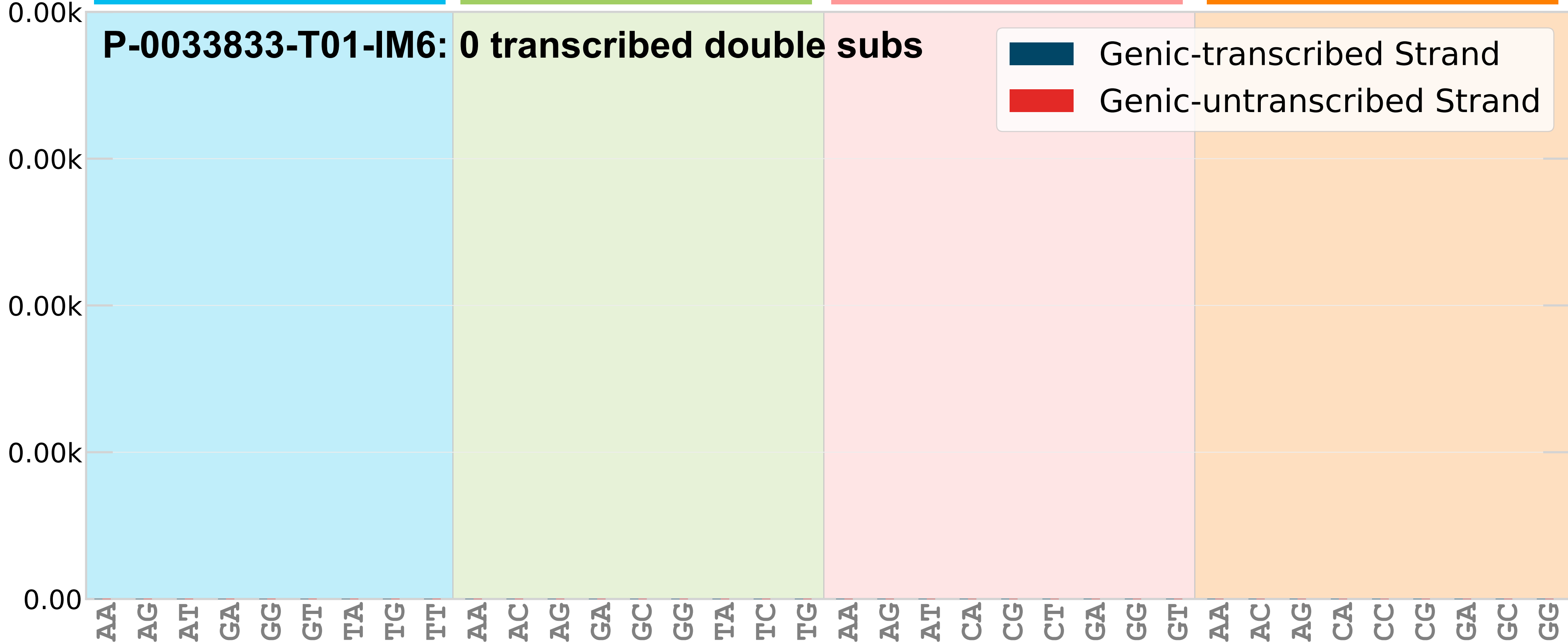


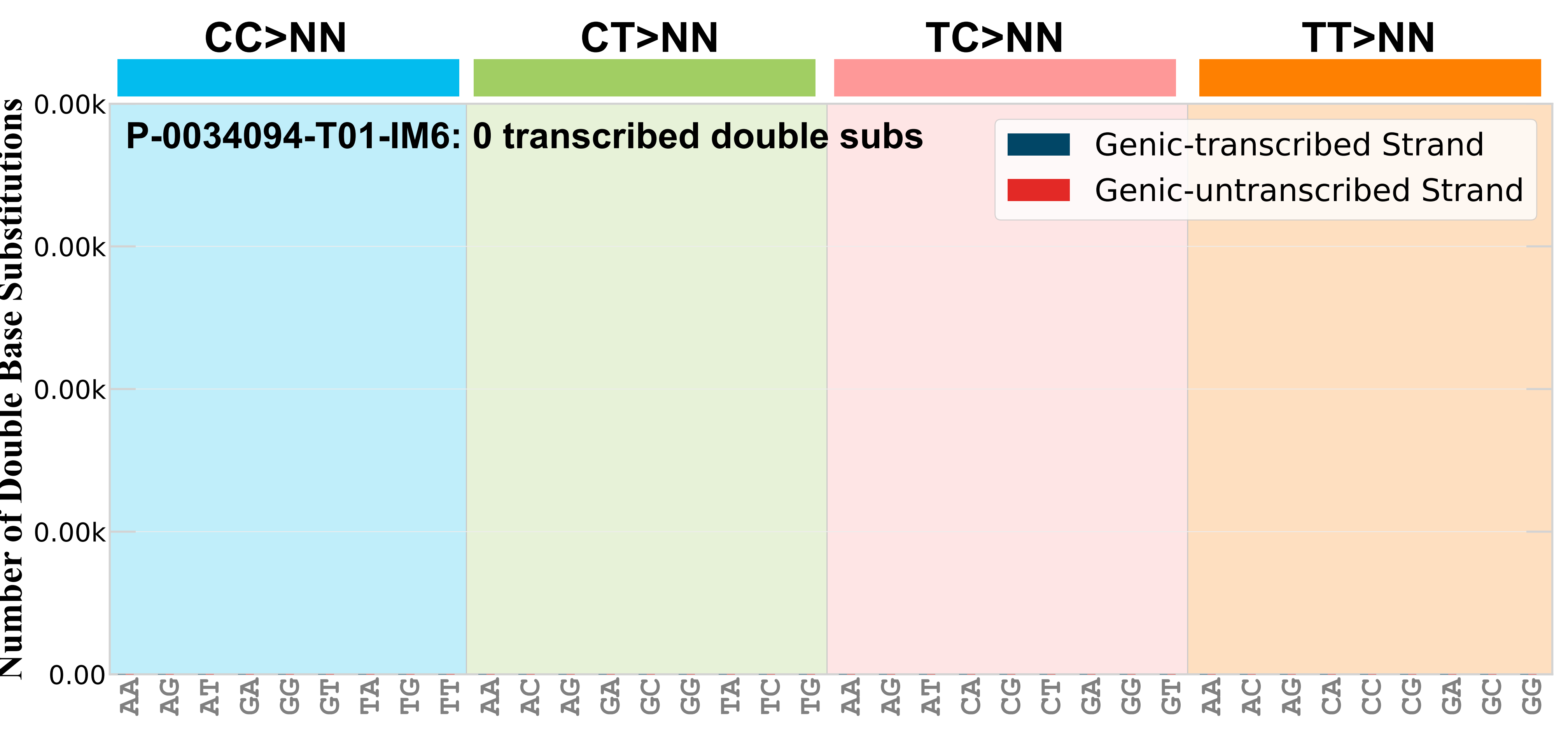
**TT>NN**





# TT>NN

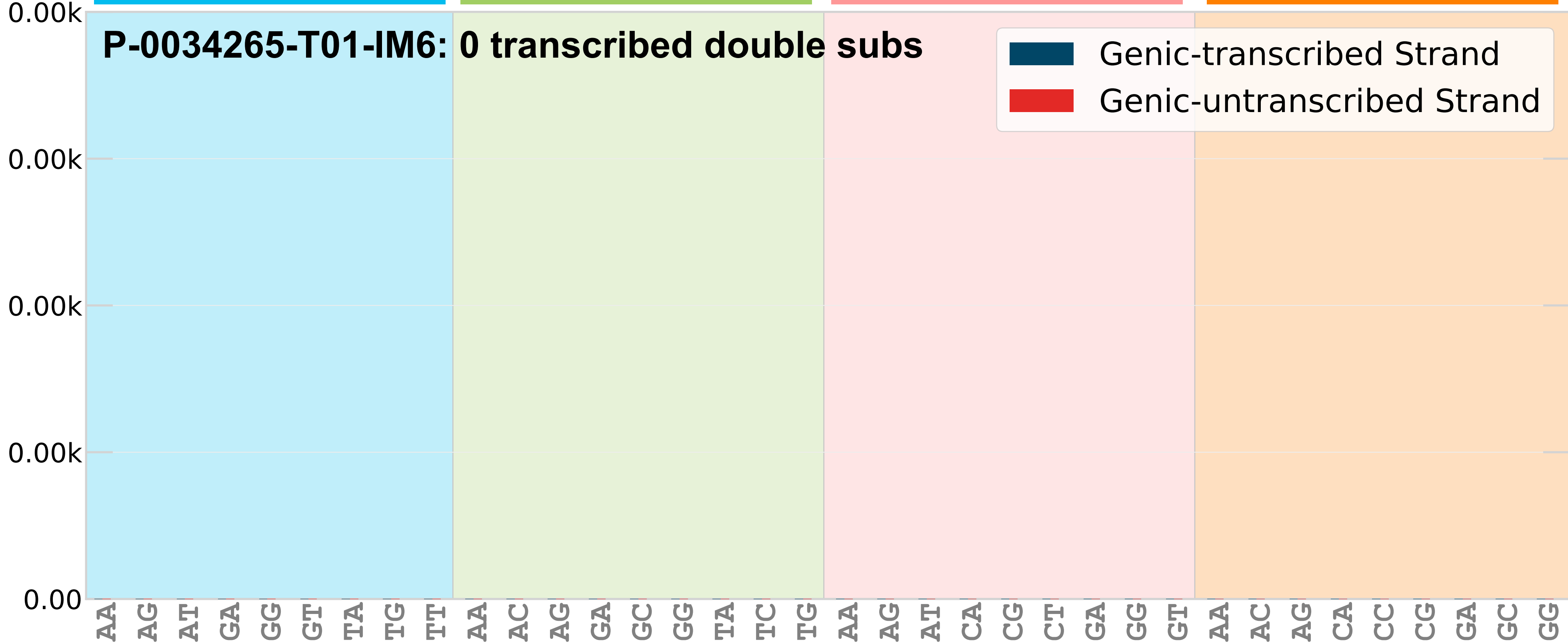






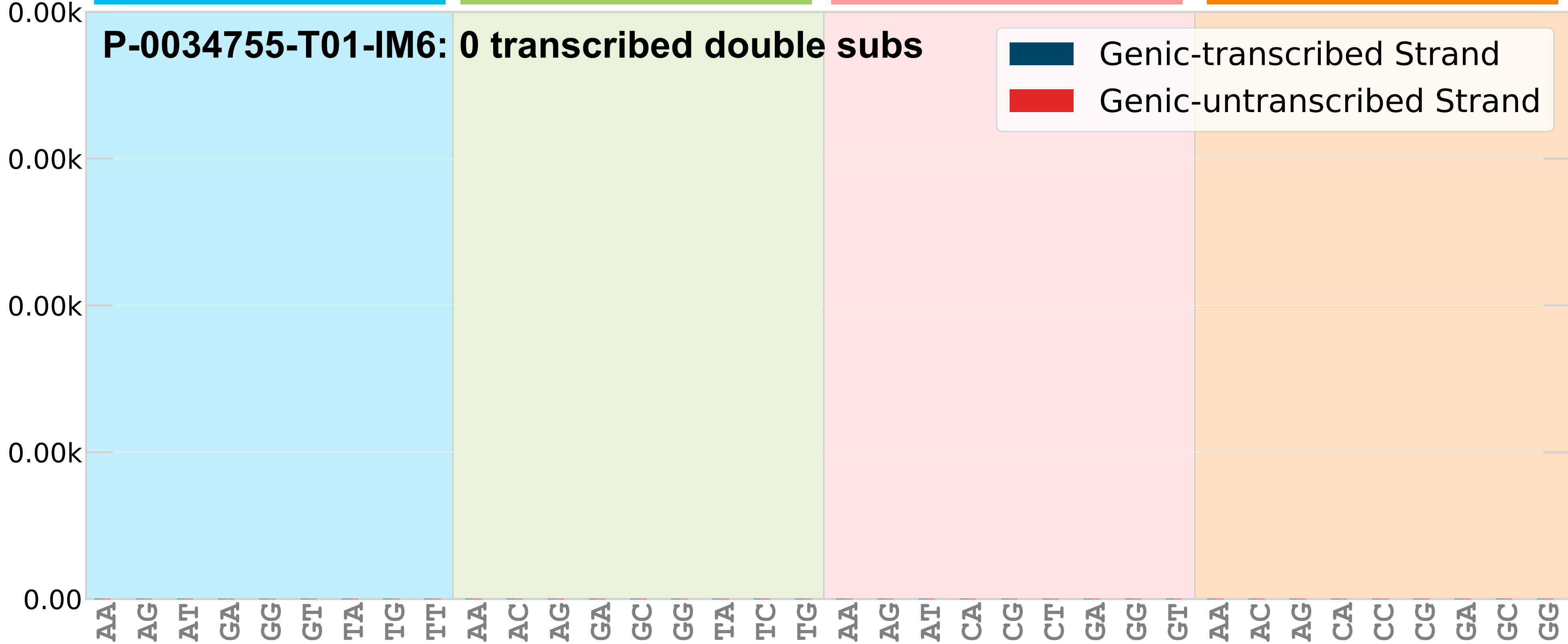


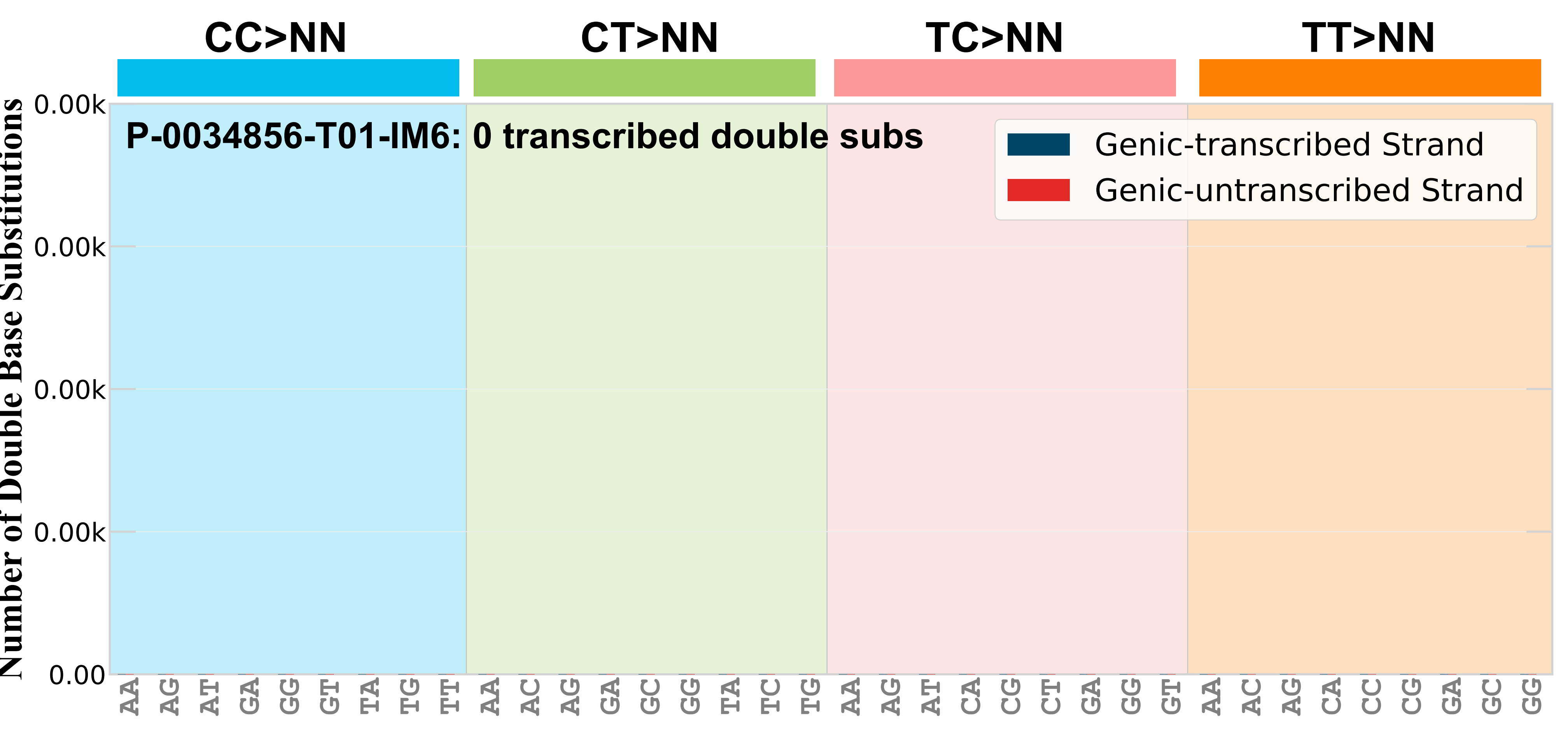
**TT>NN**

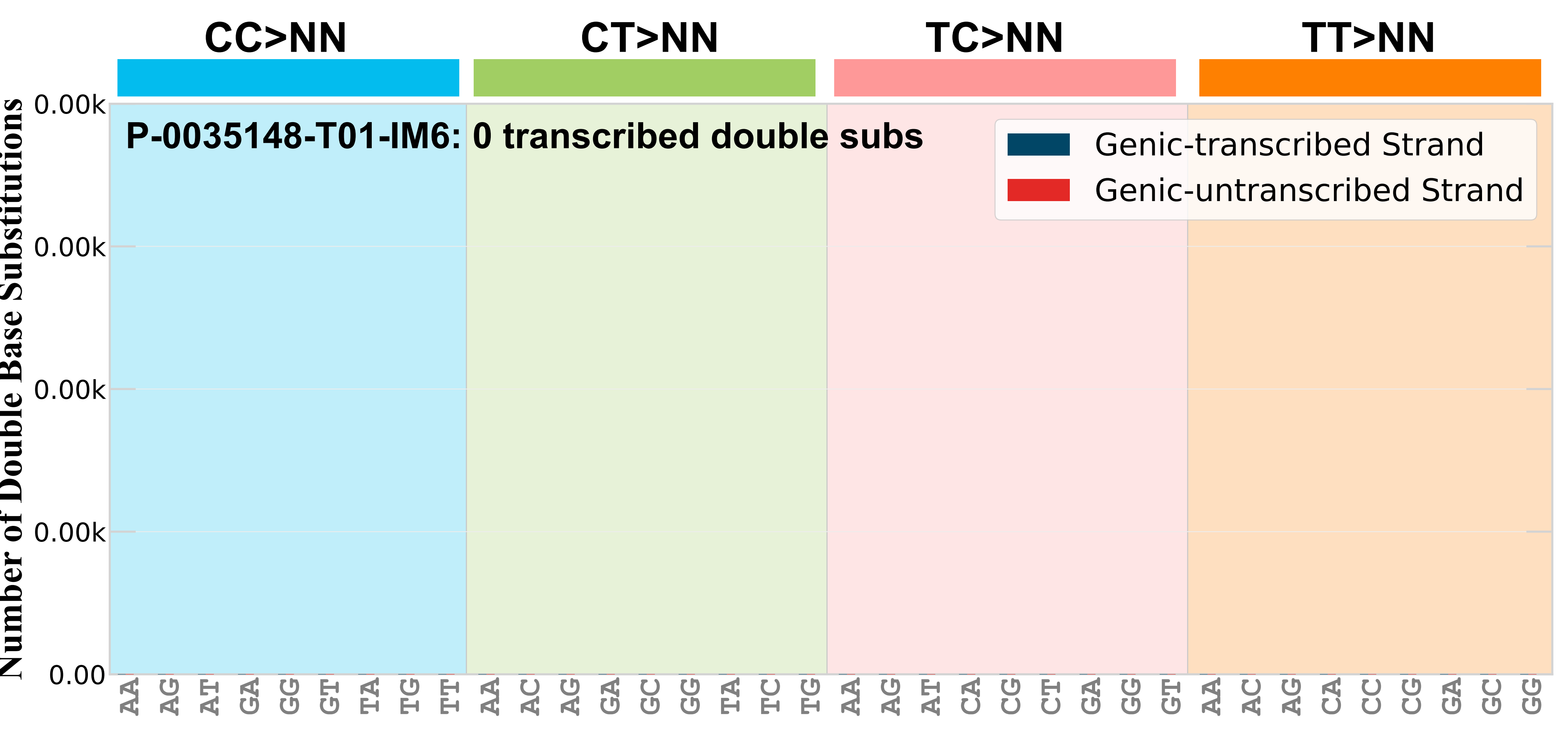




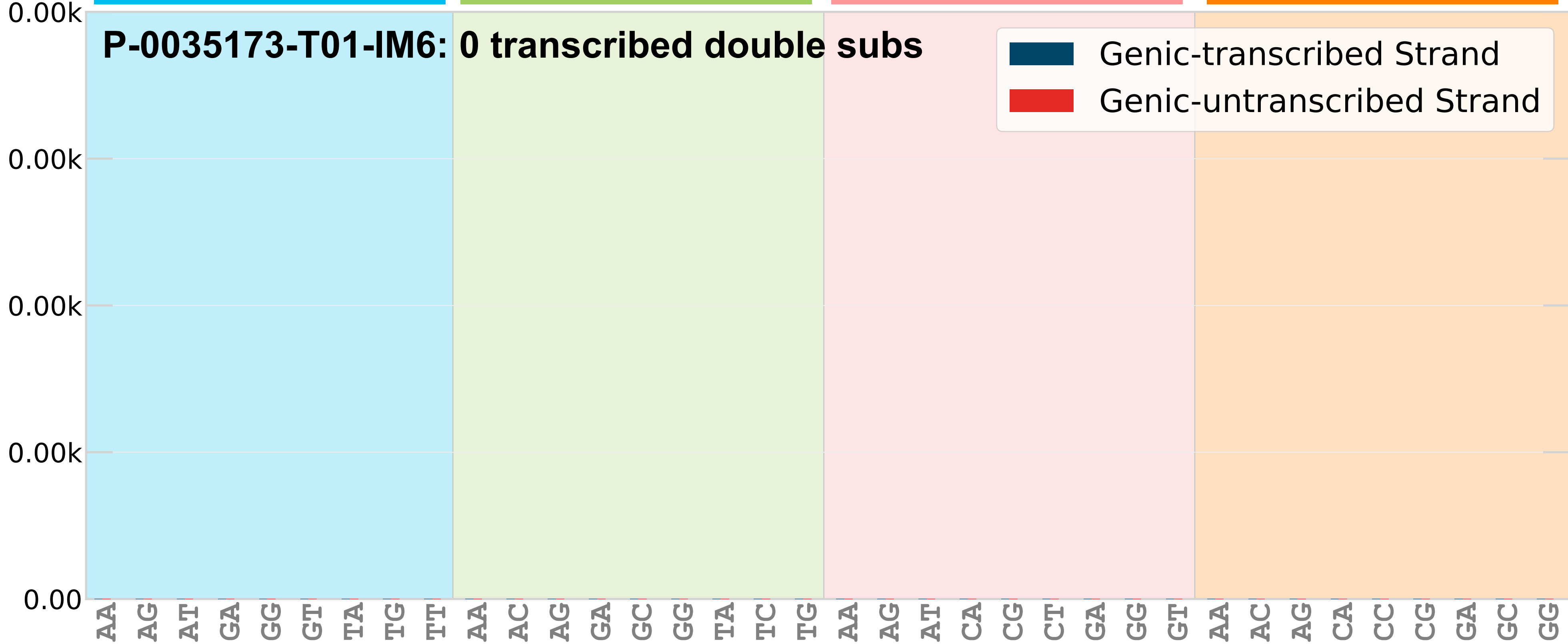
**TT>NN**



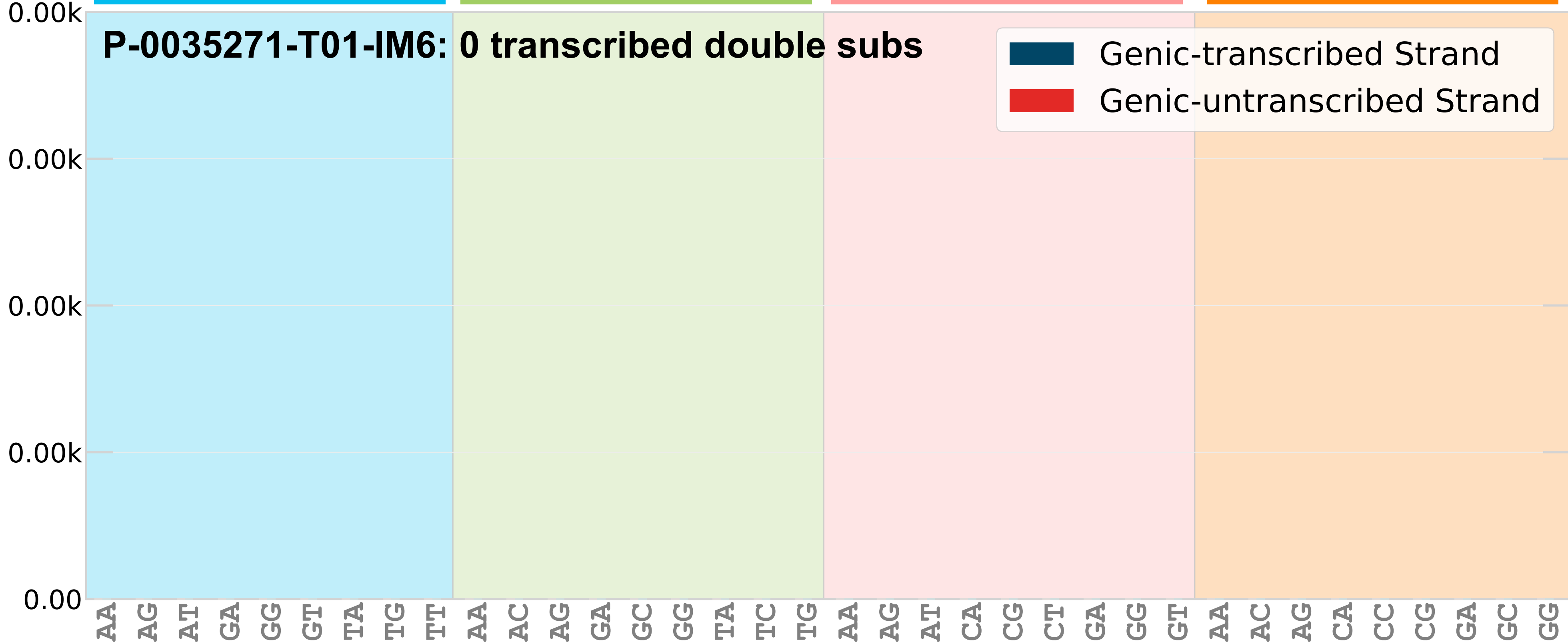




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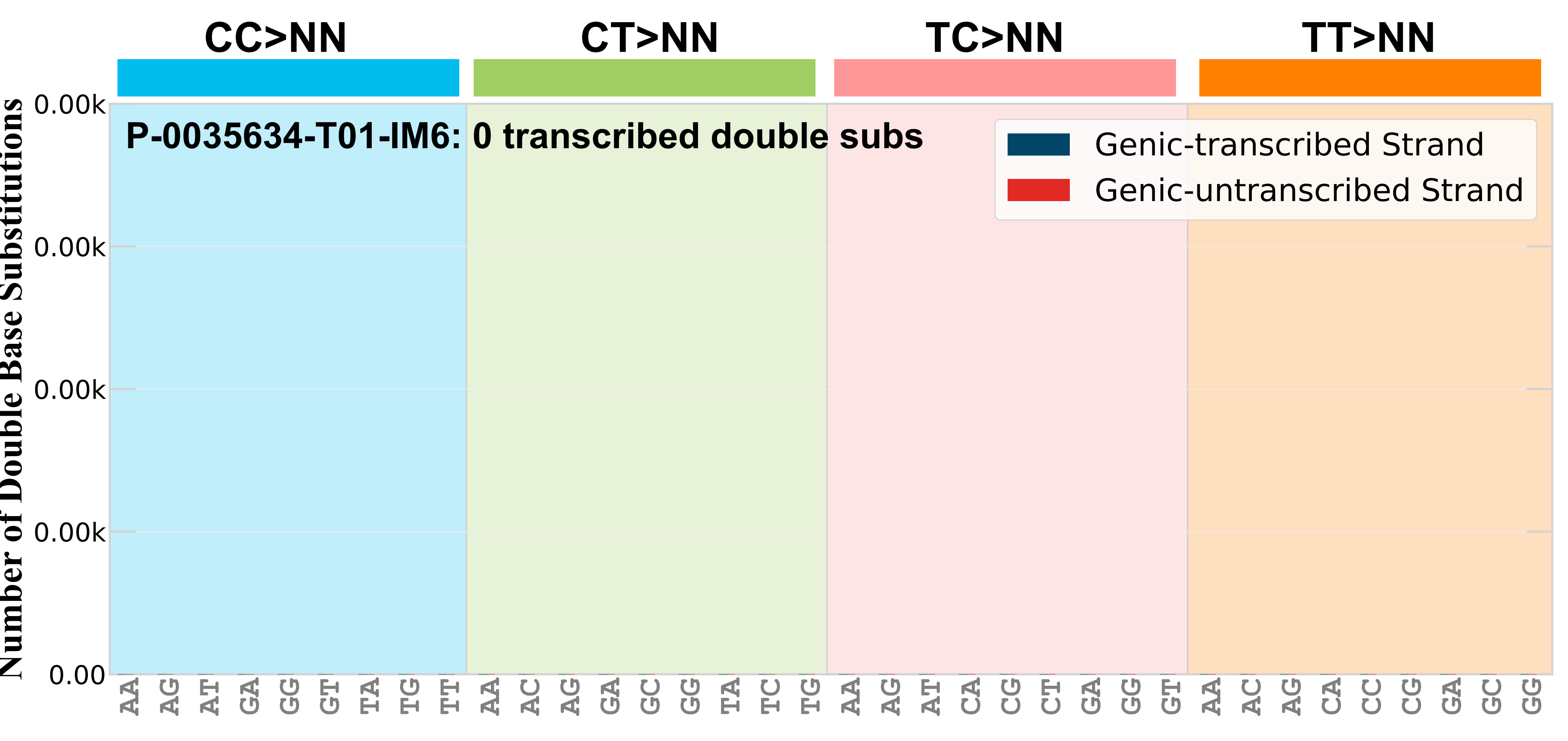
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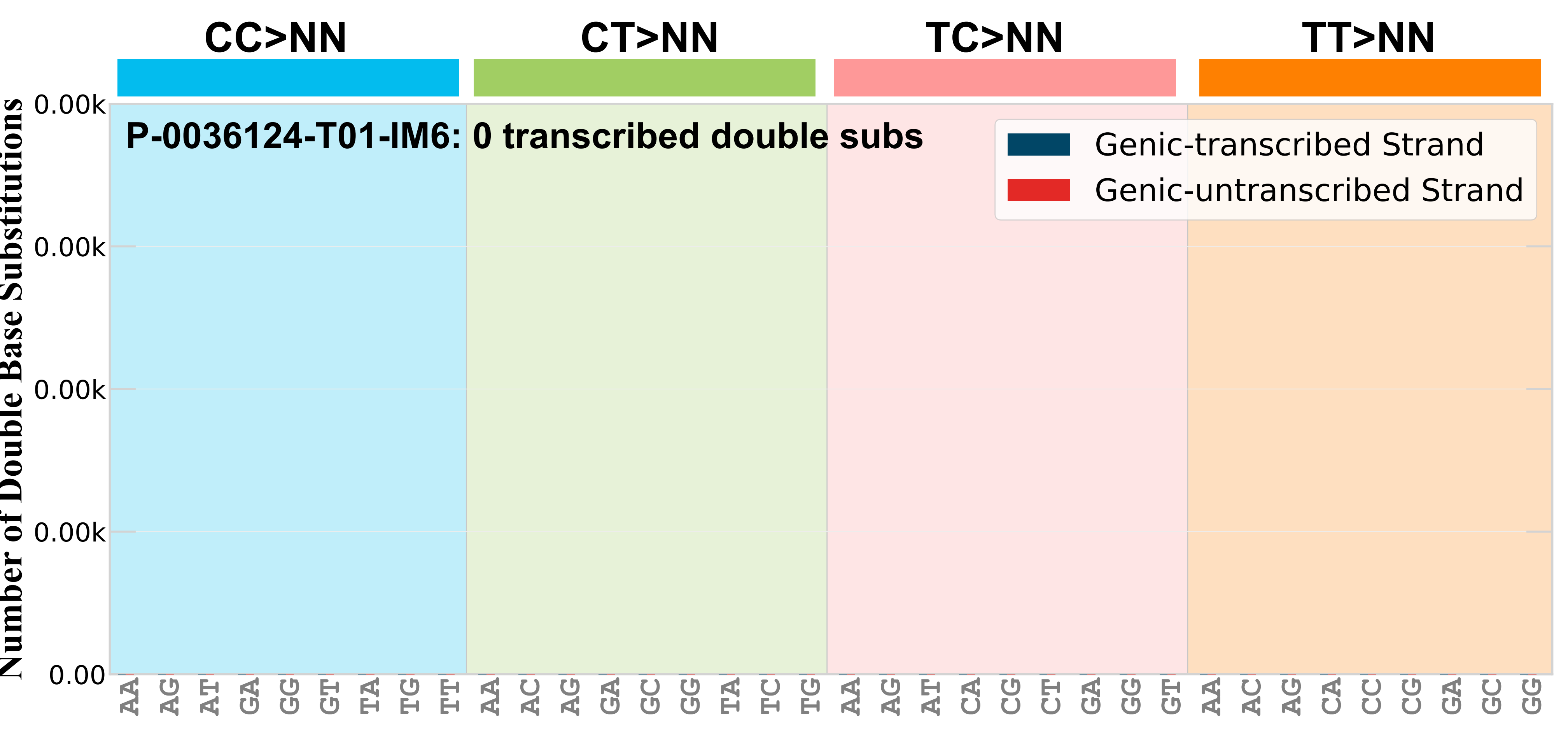




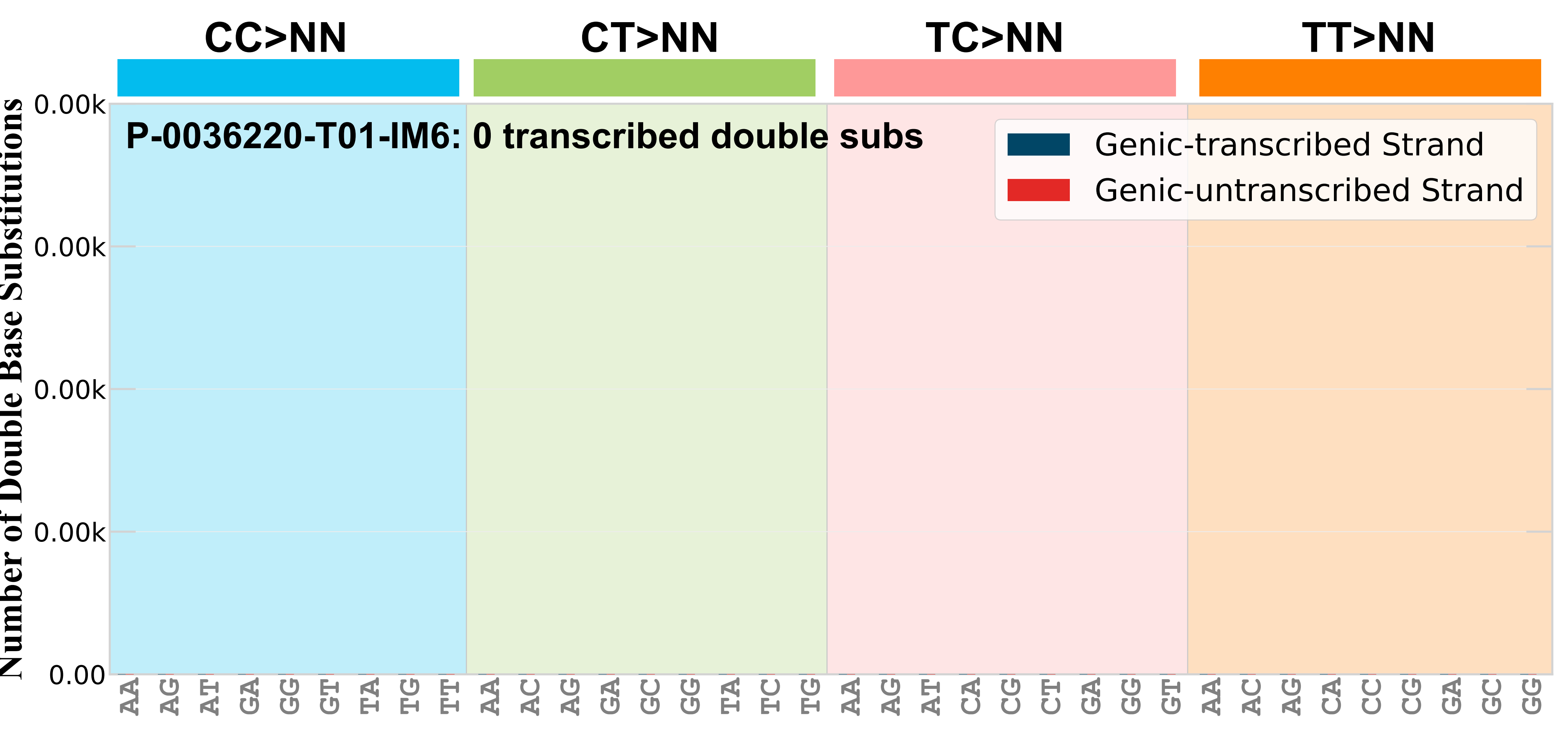




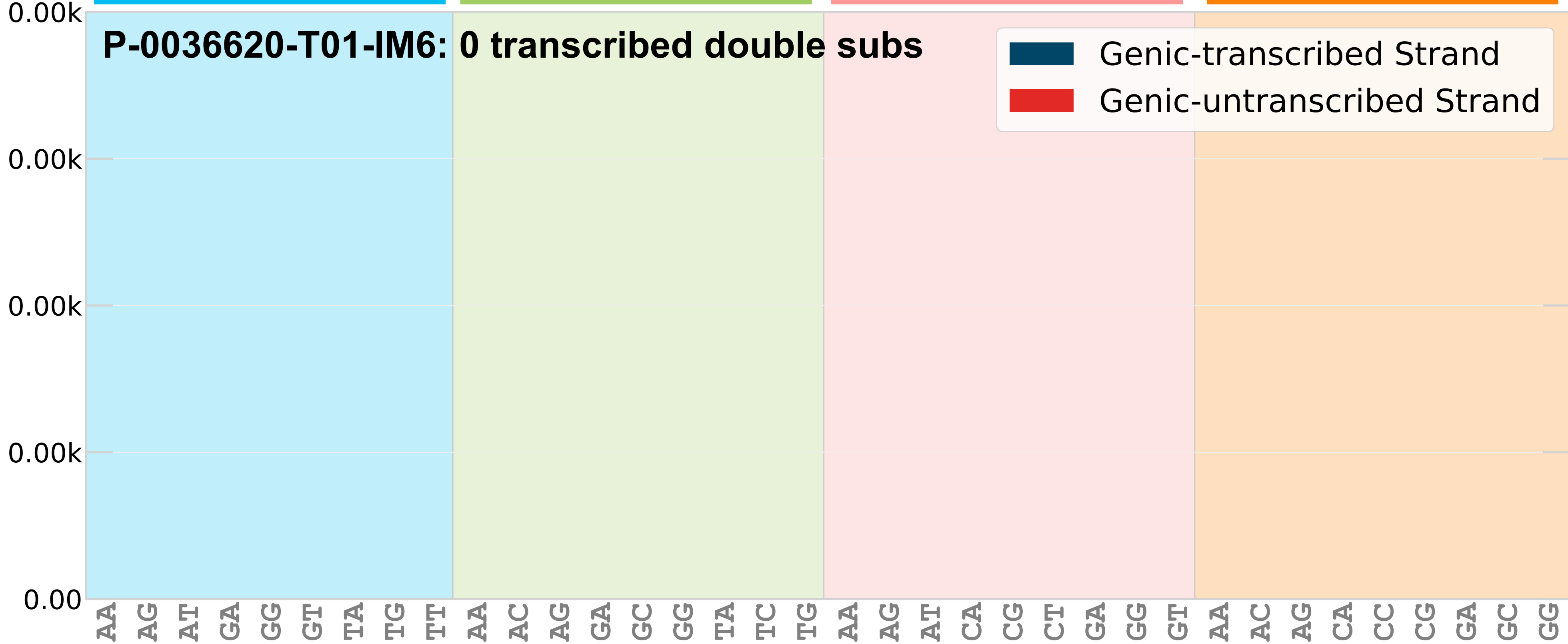








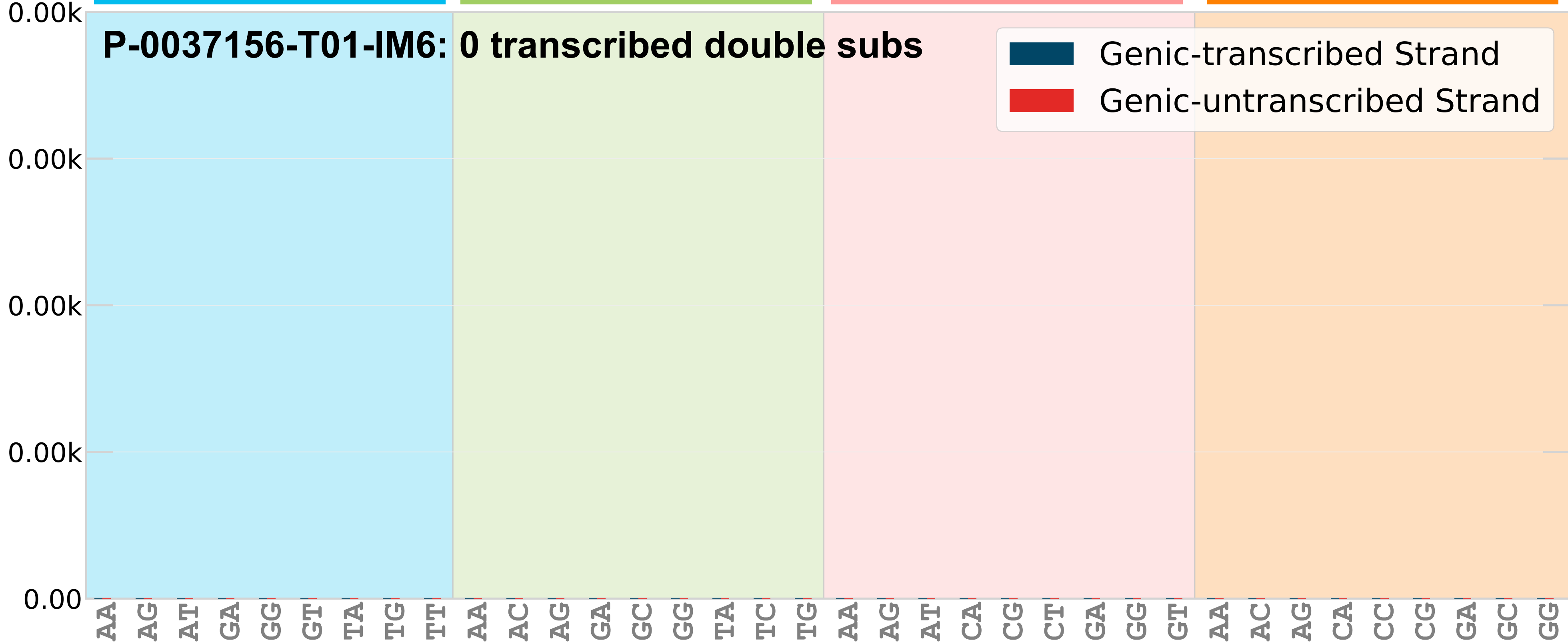
# TT>NN



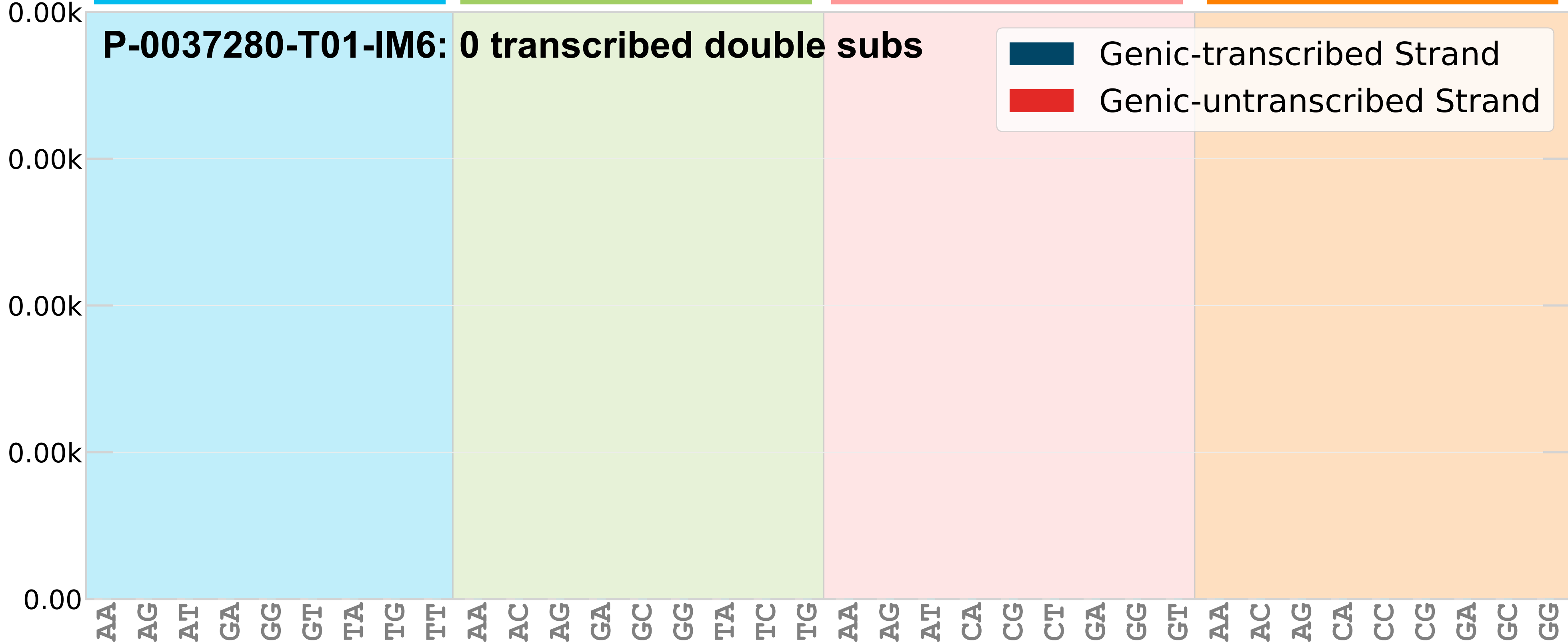




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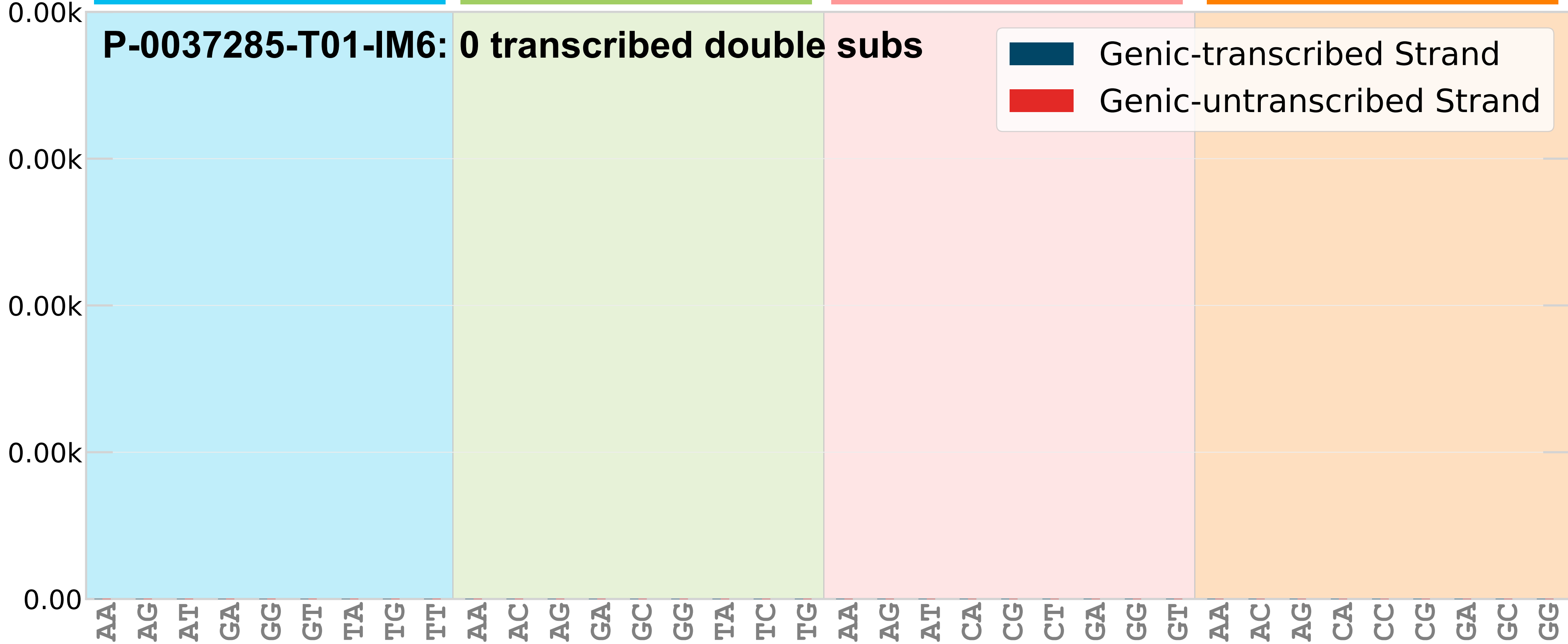


**TT>NN**

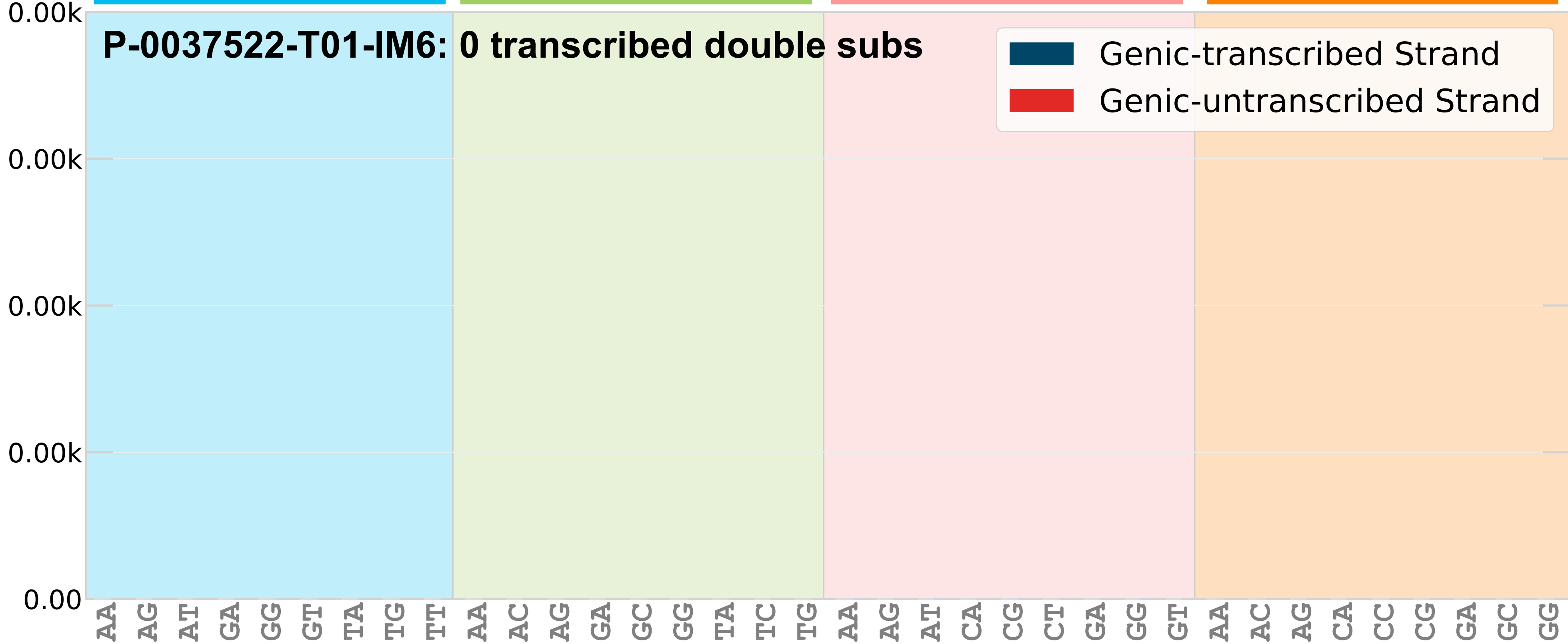




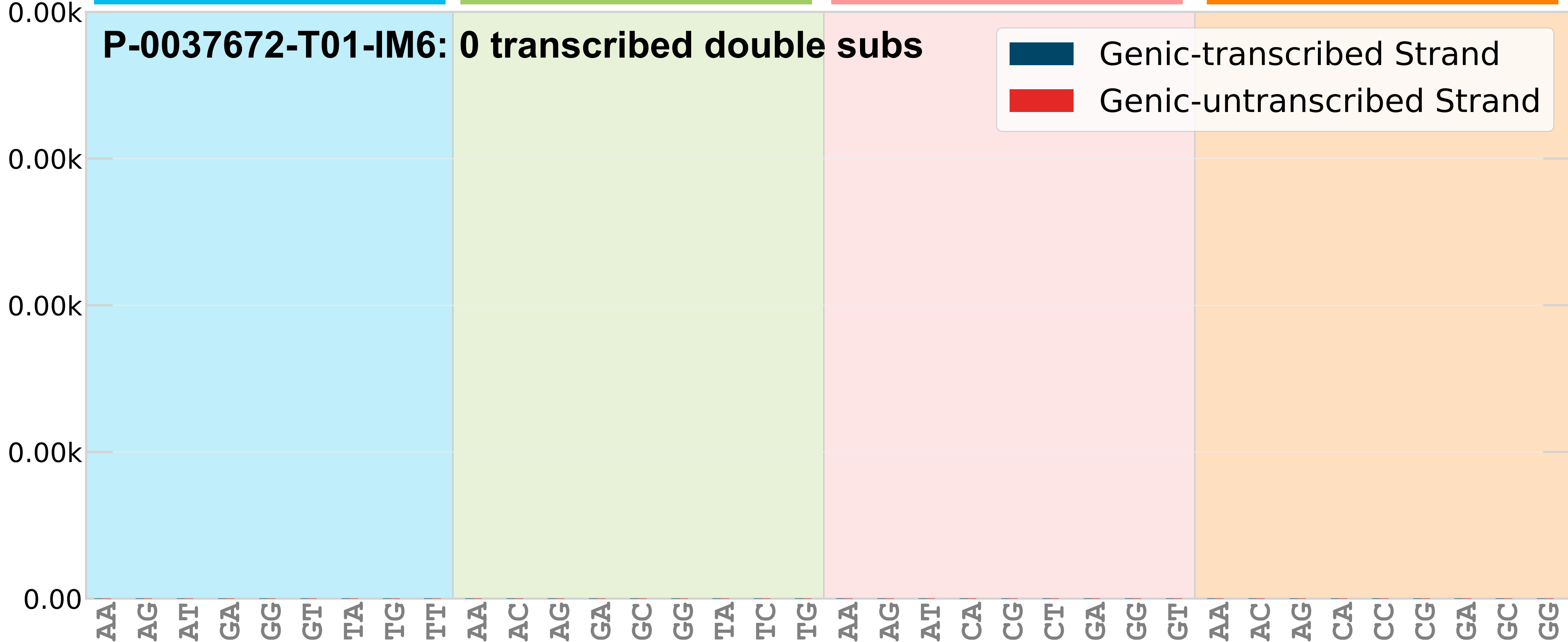
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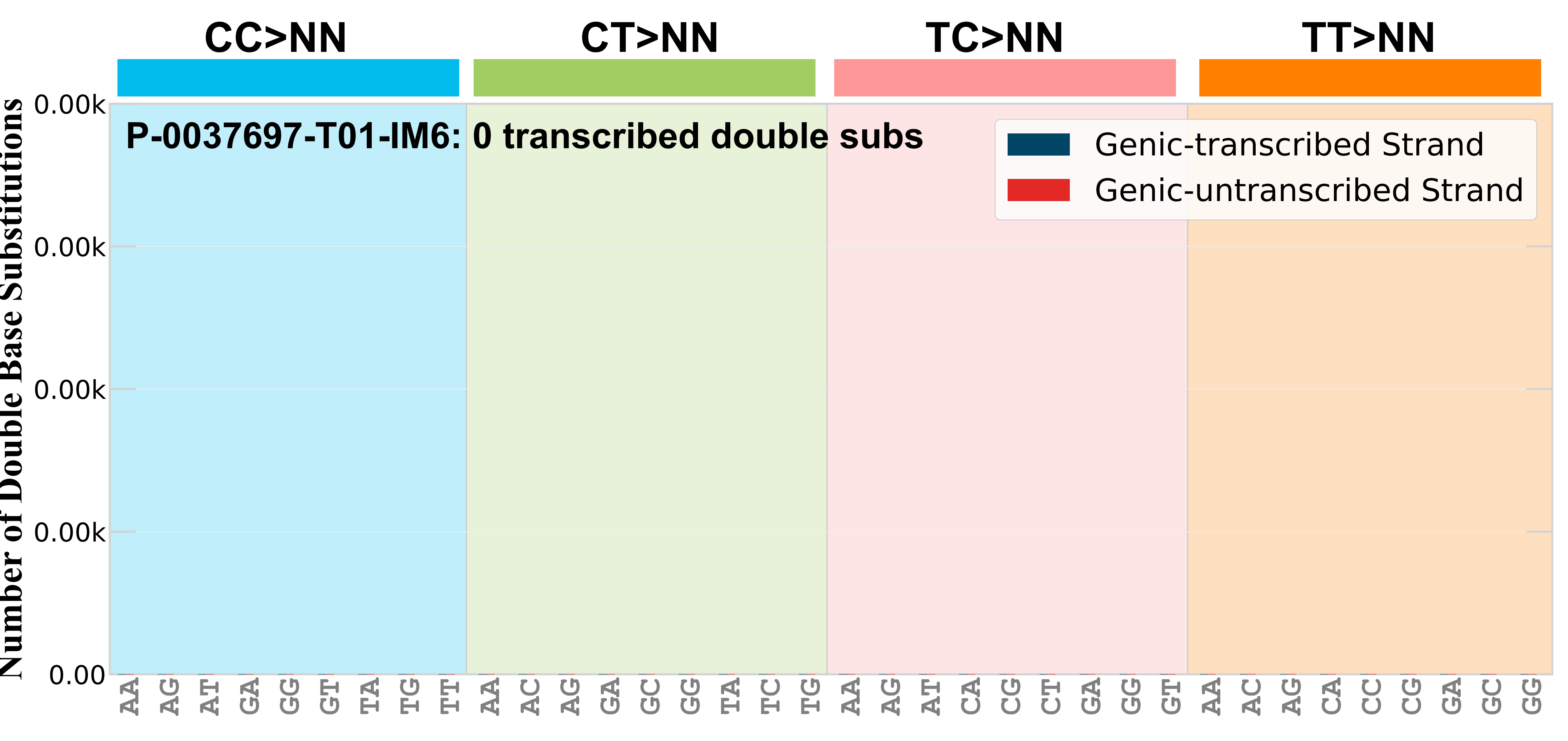


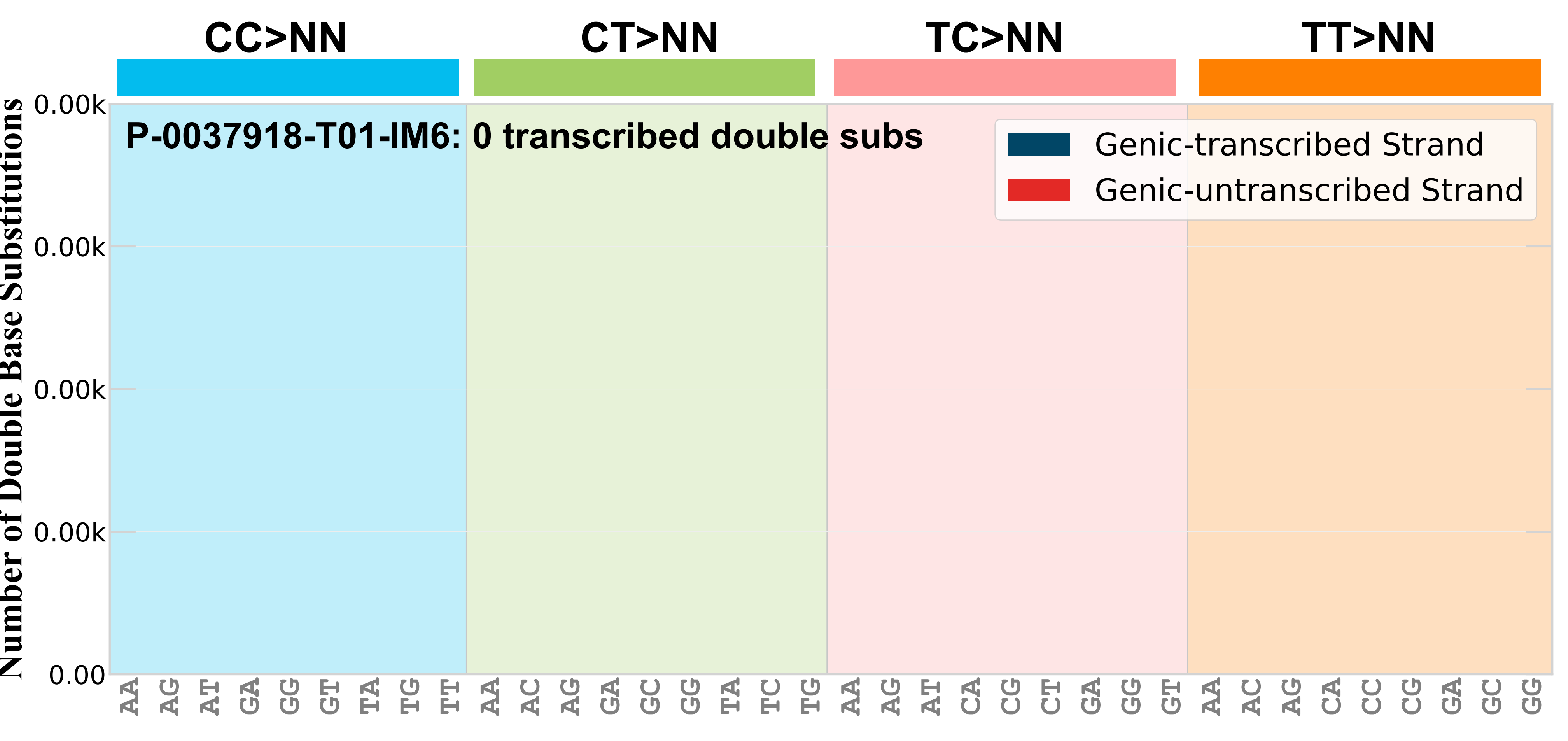
**TT>NN**



**TT>NN**

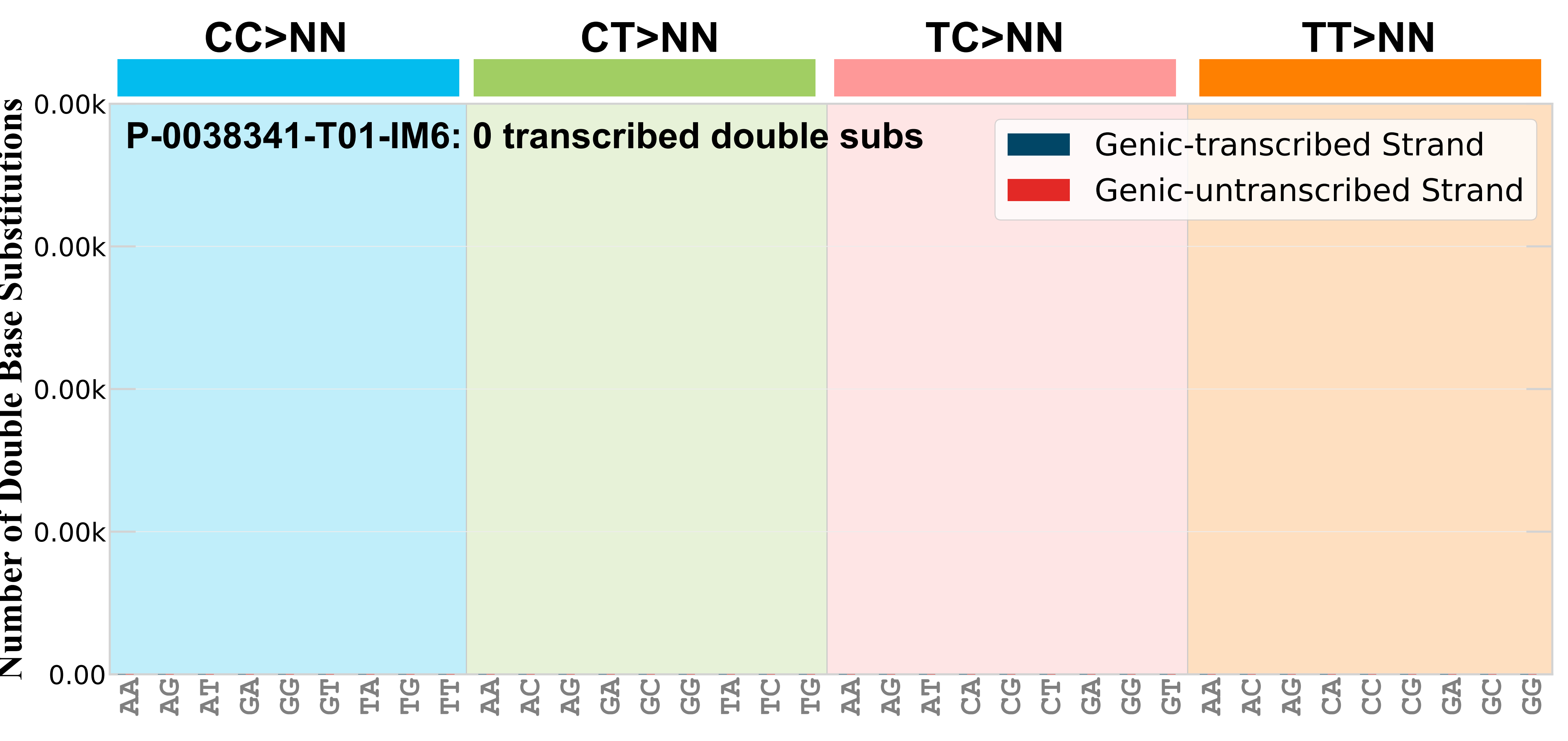




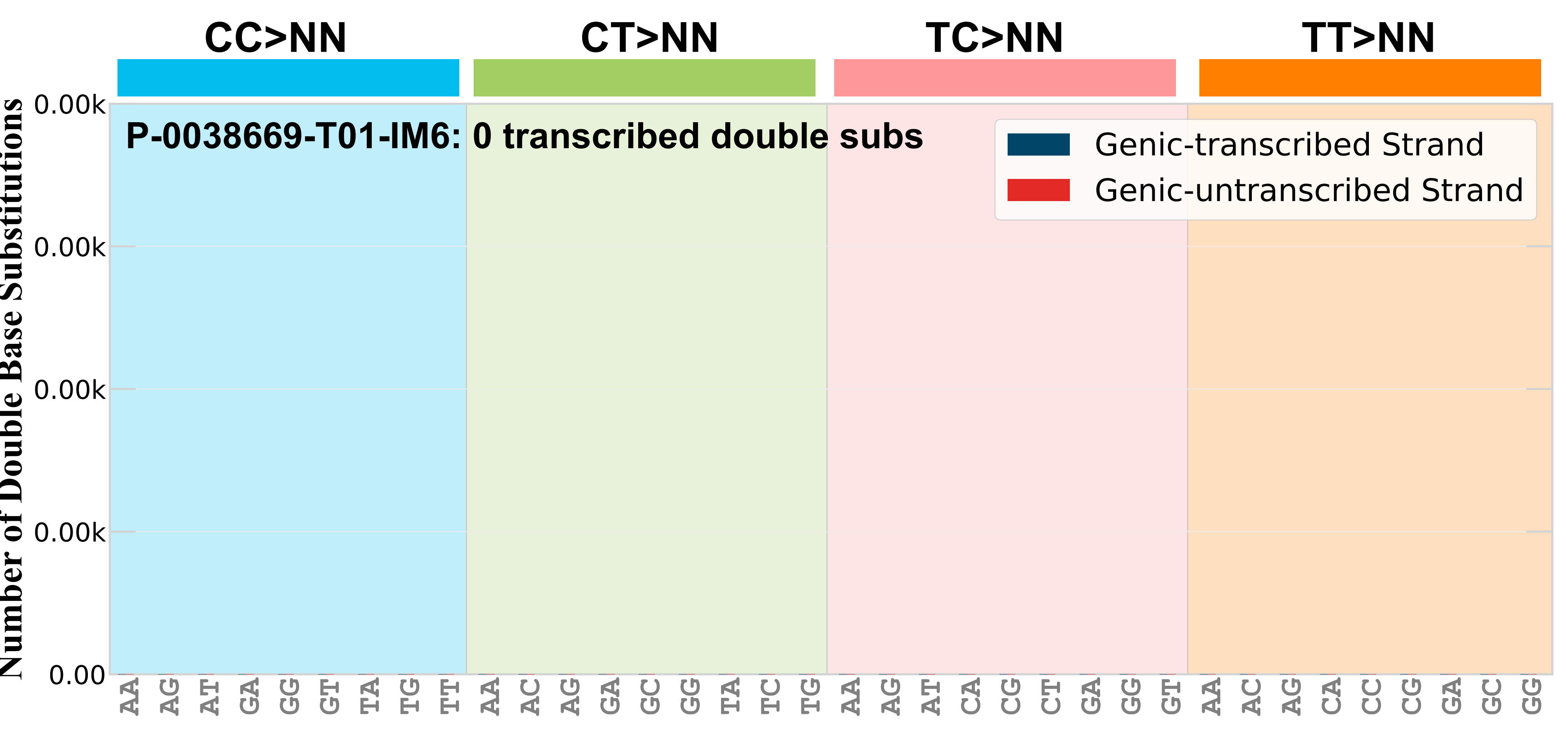


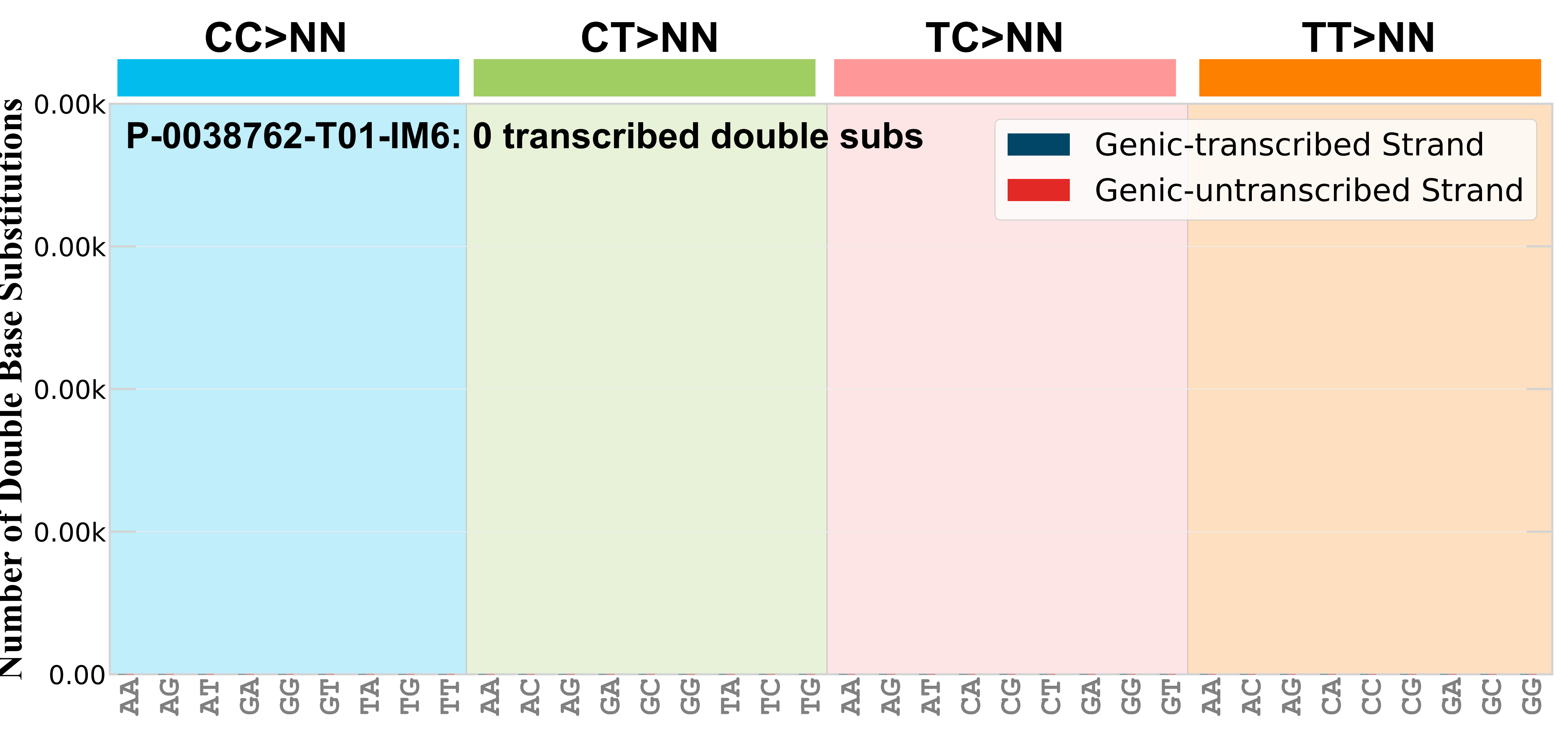




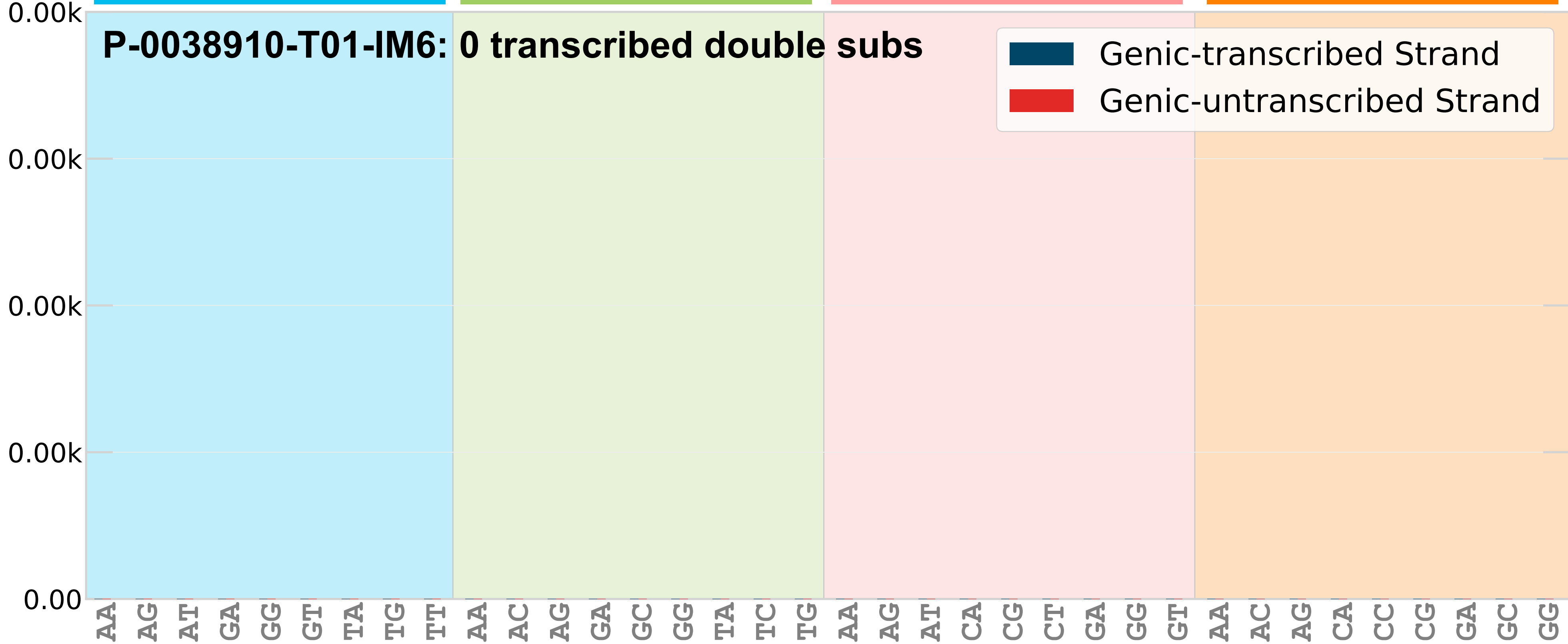


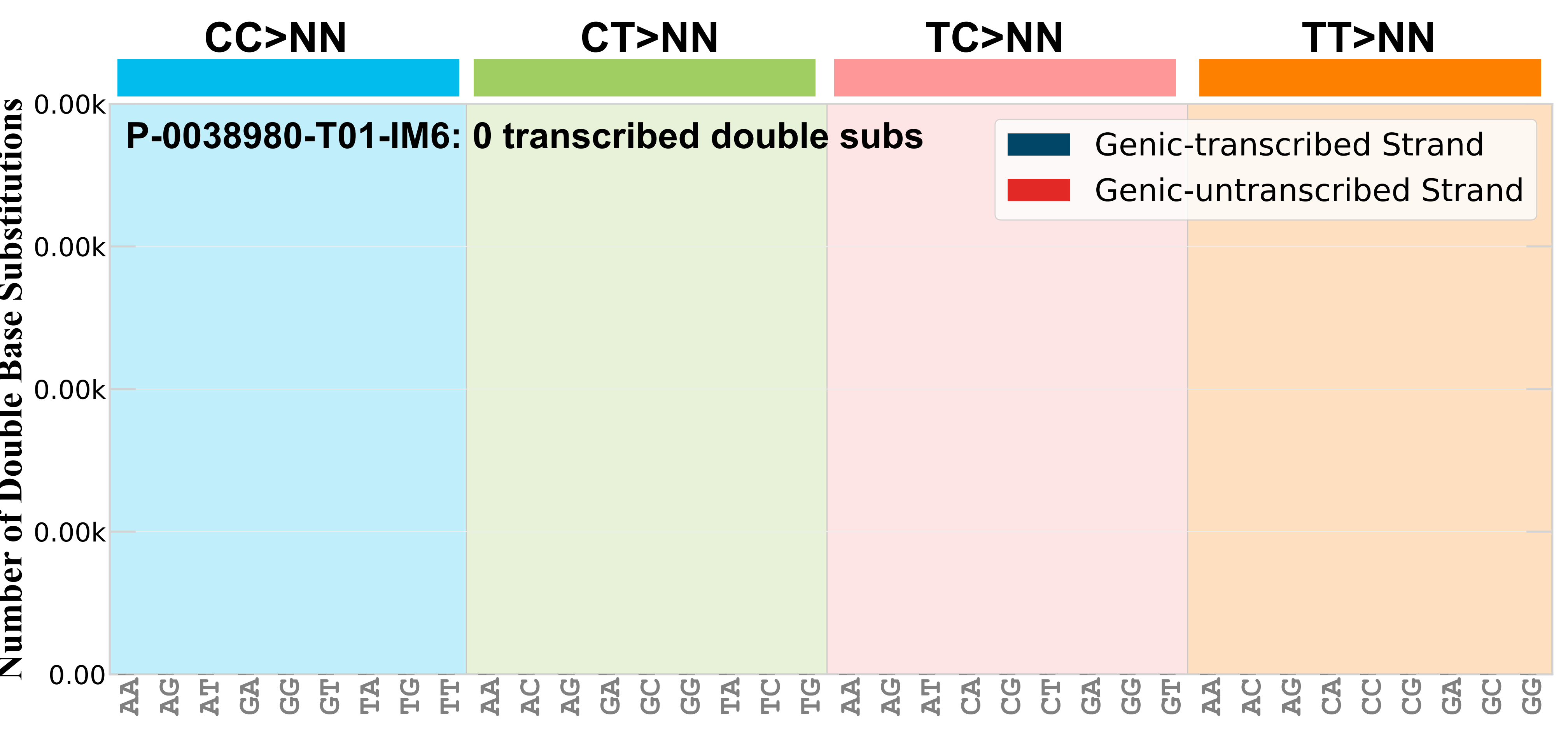






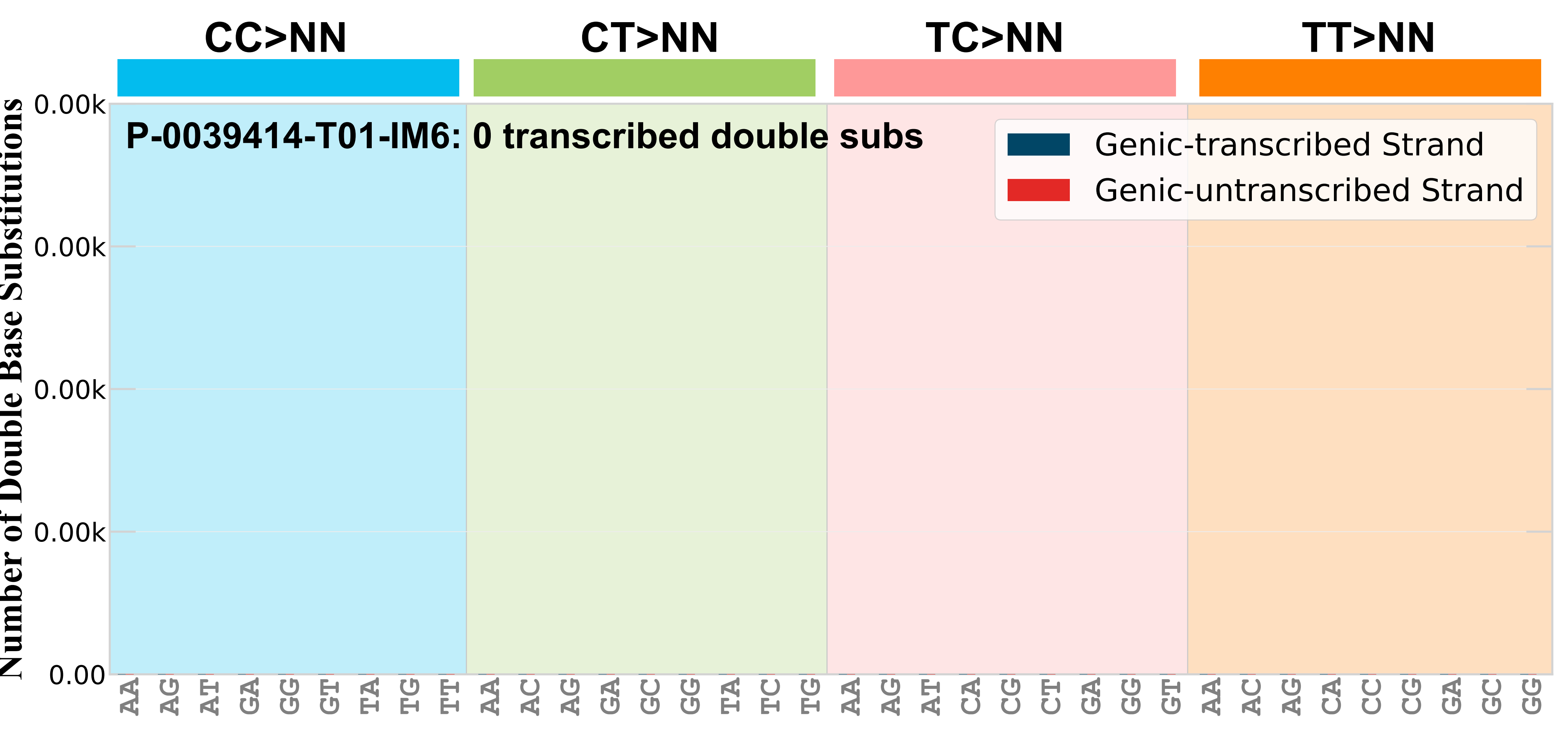
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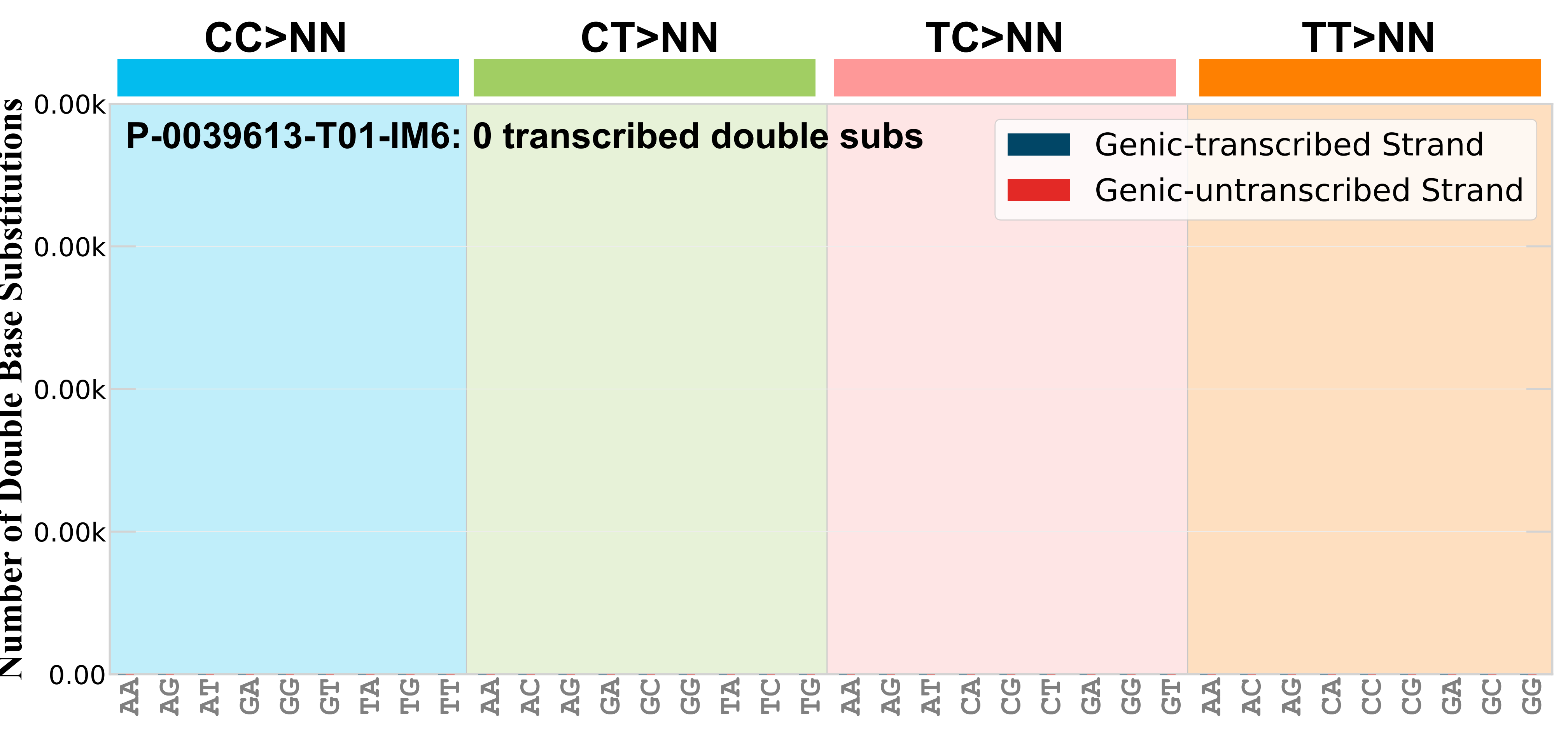




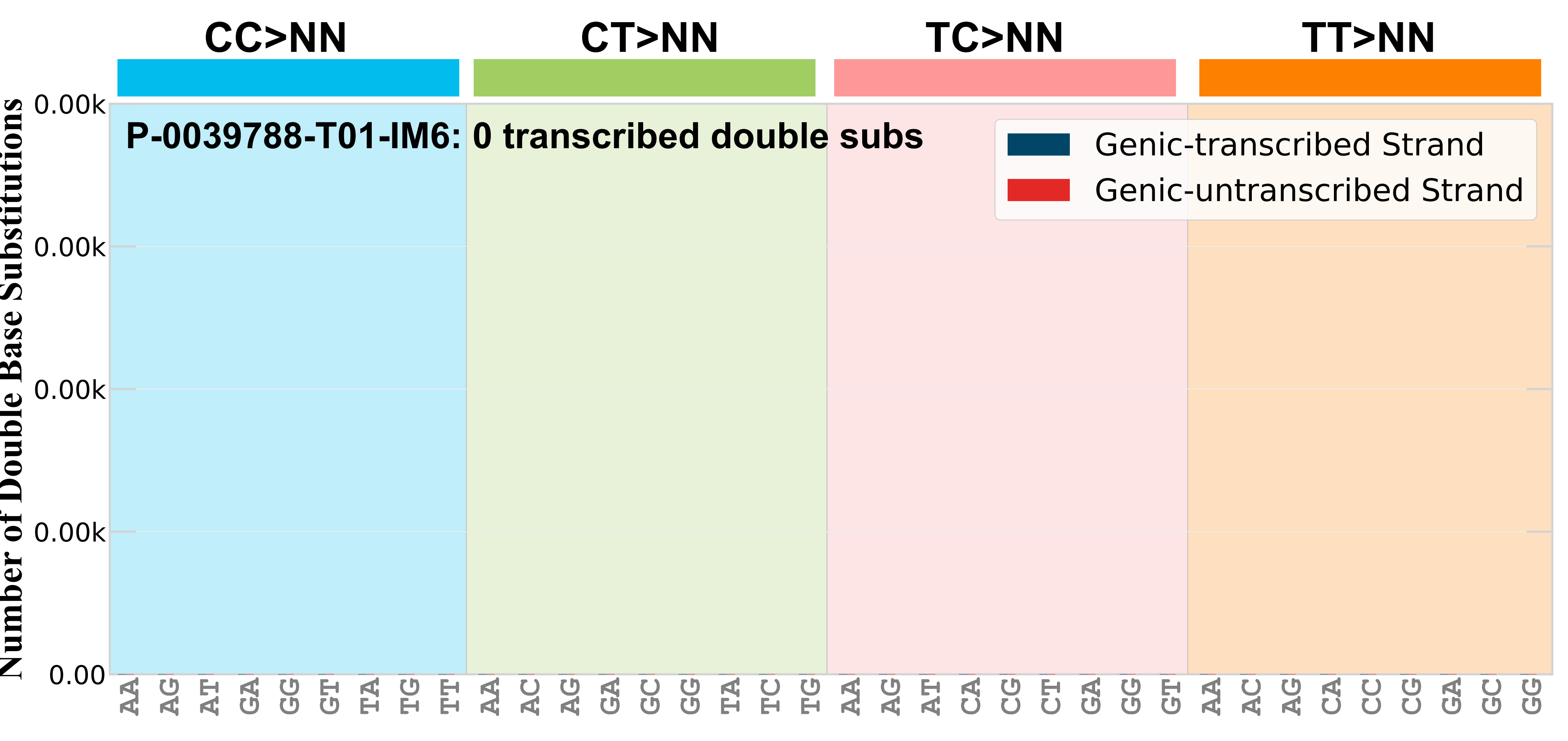






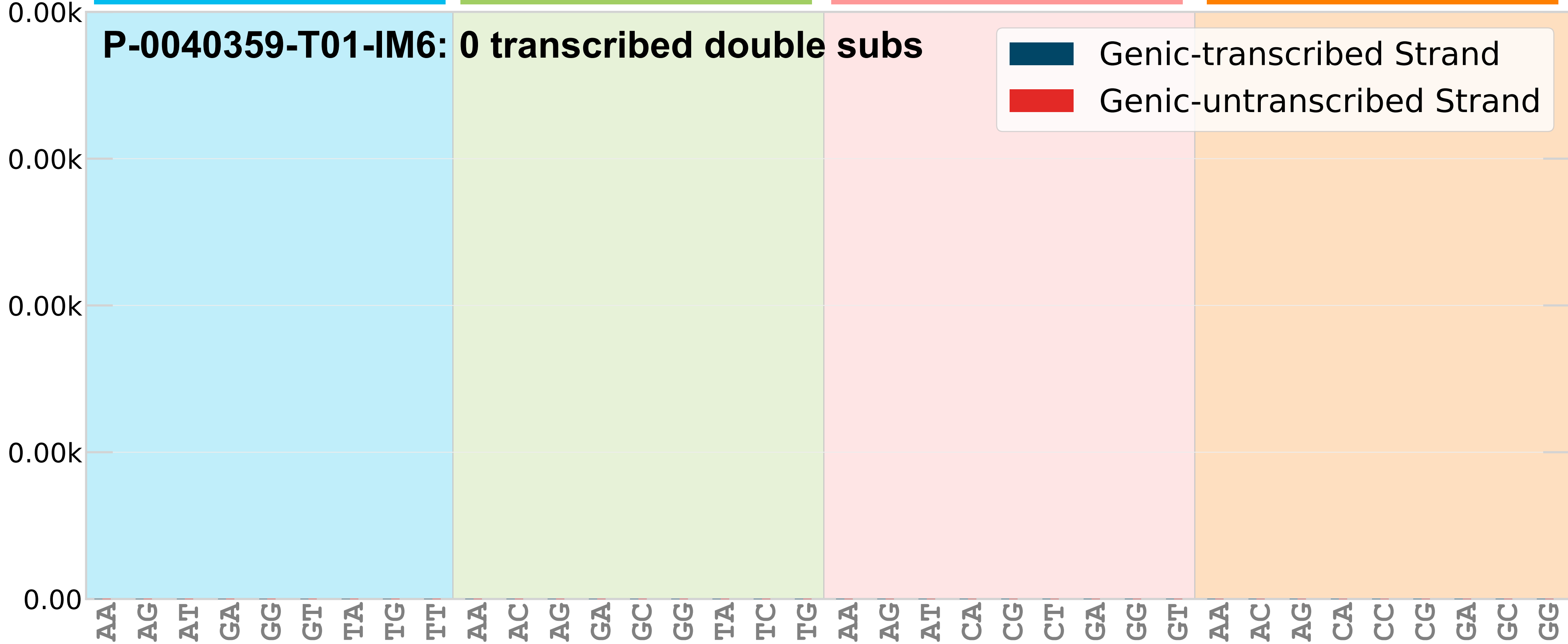


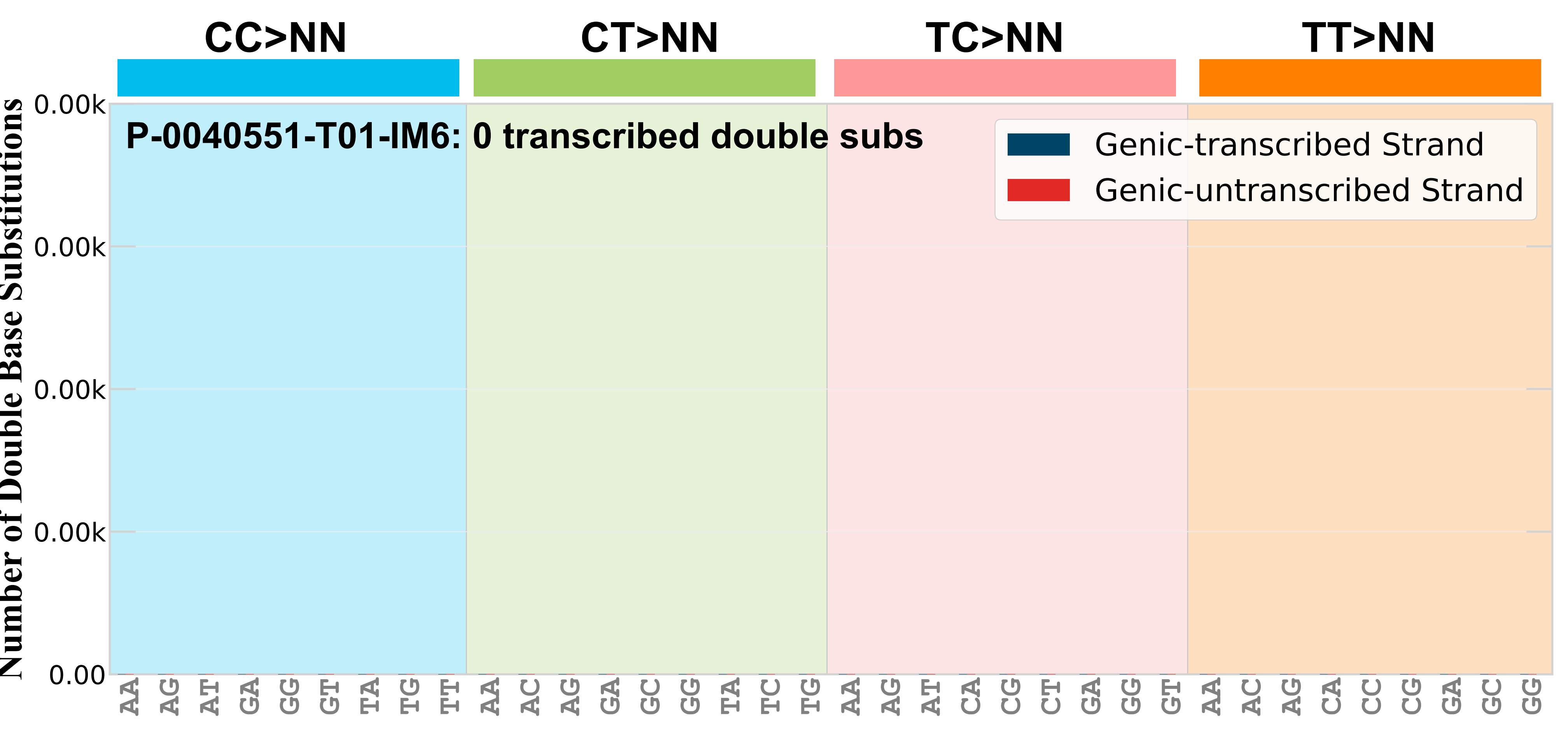


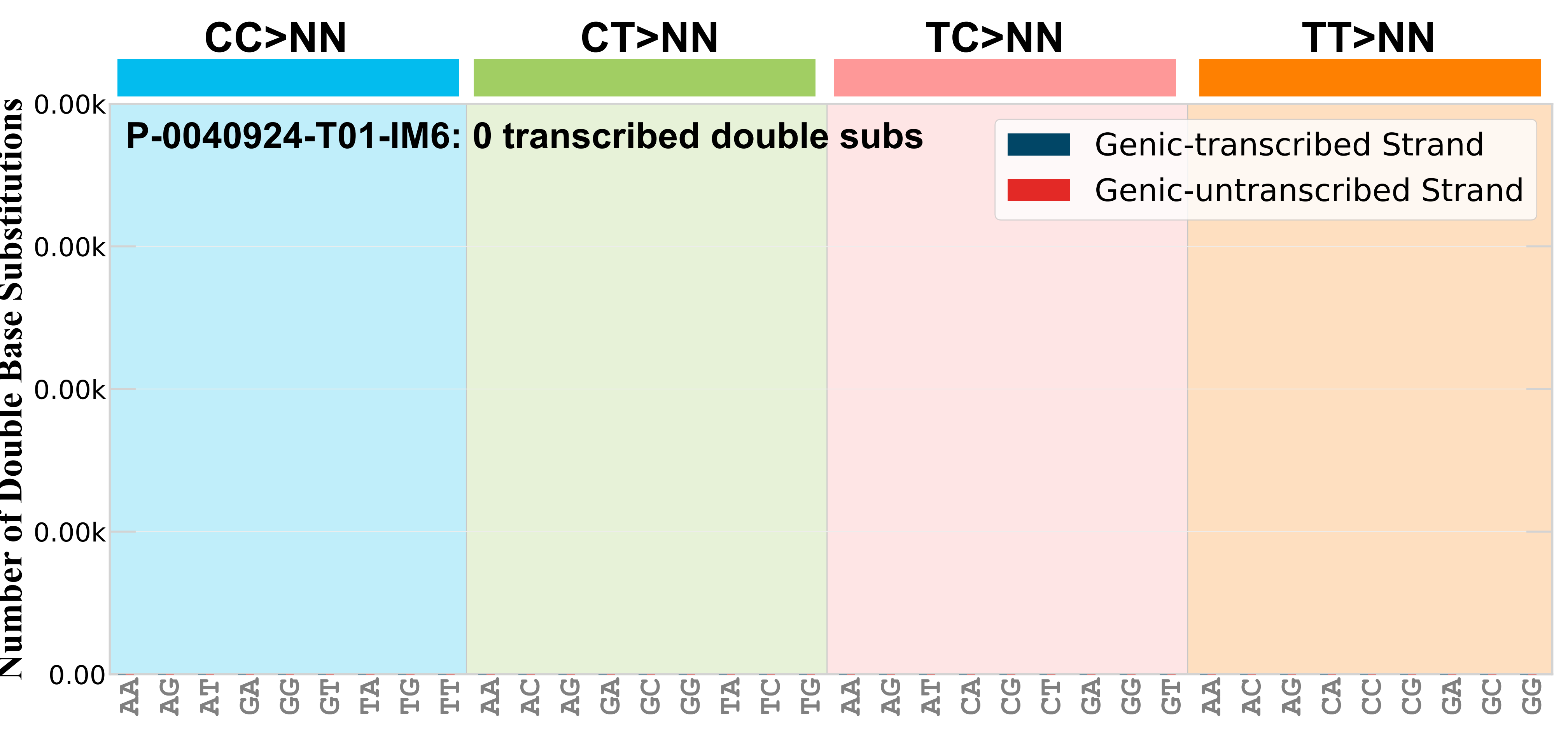




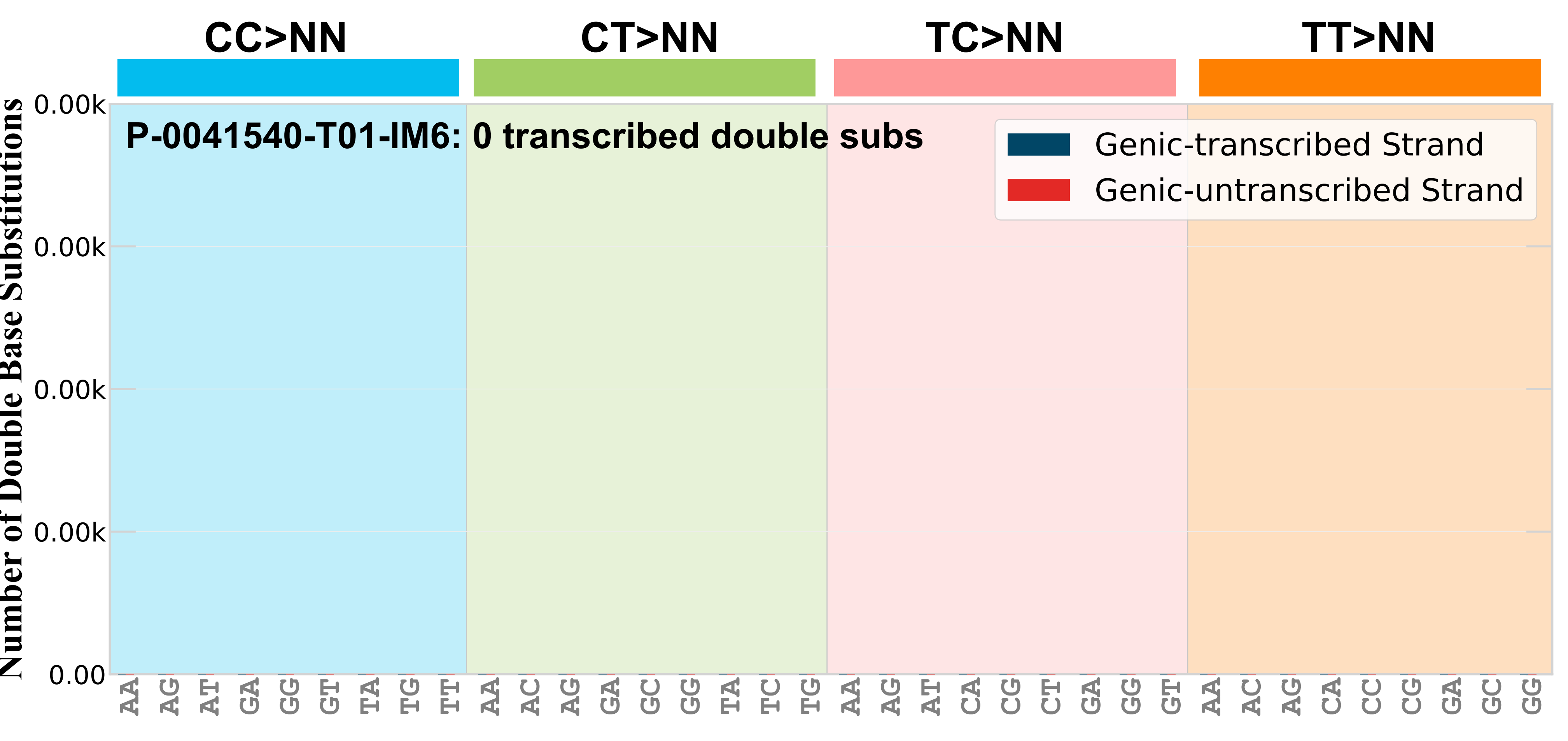
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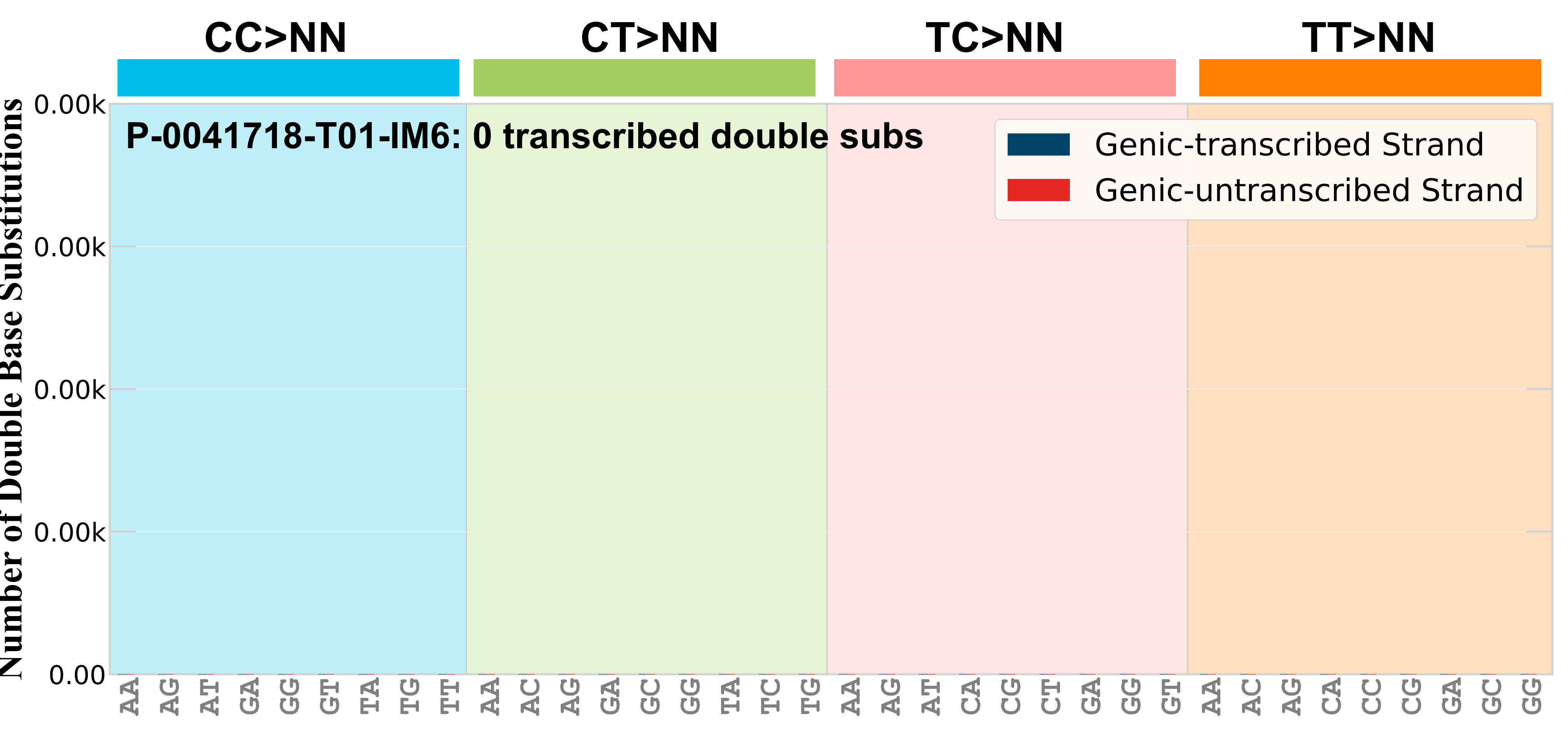




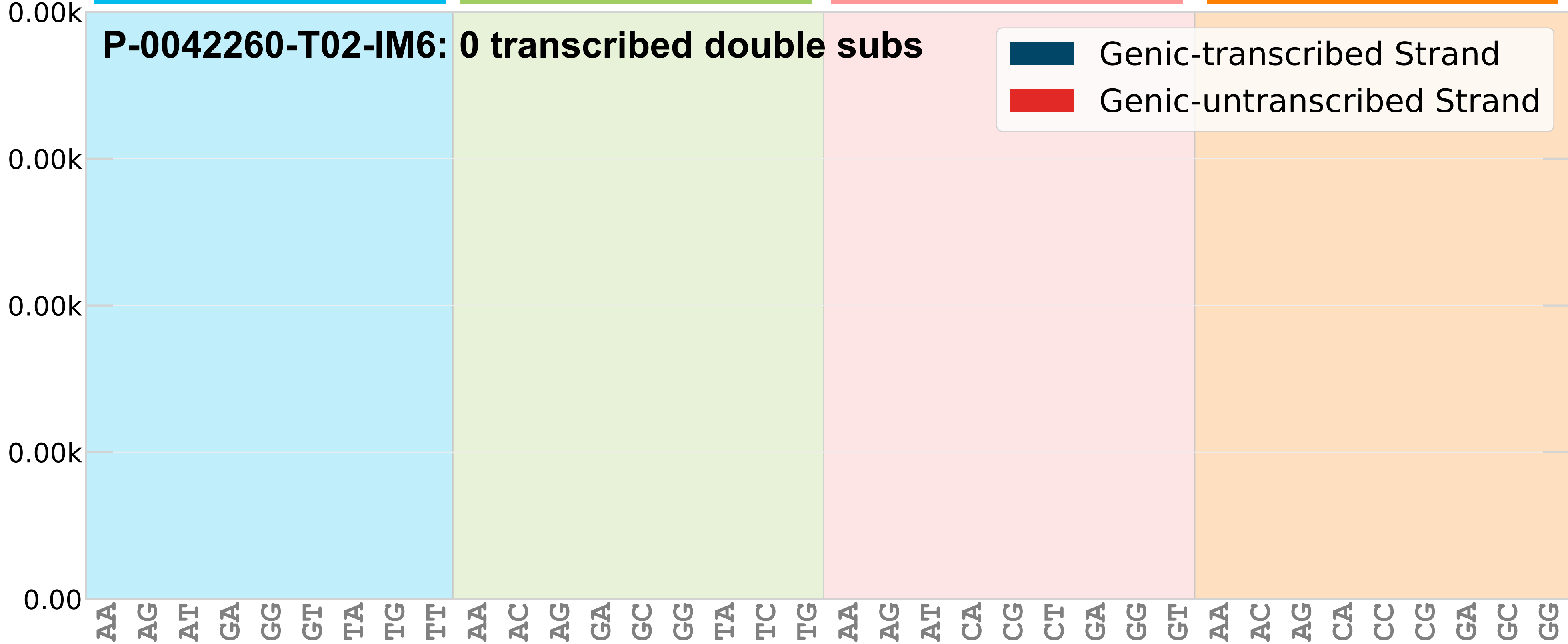


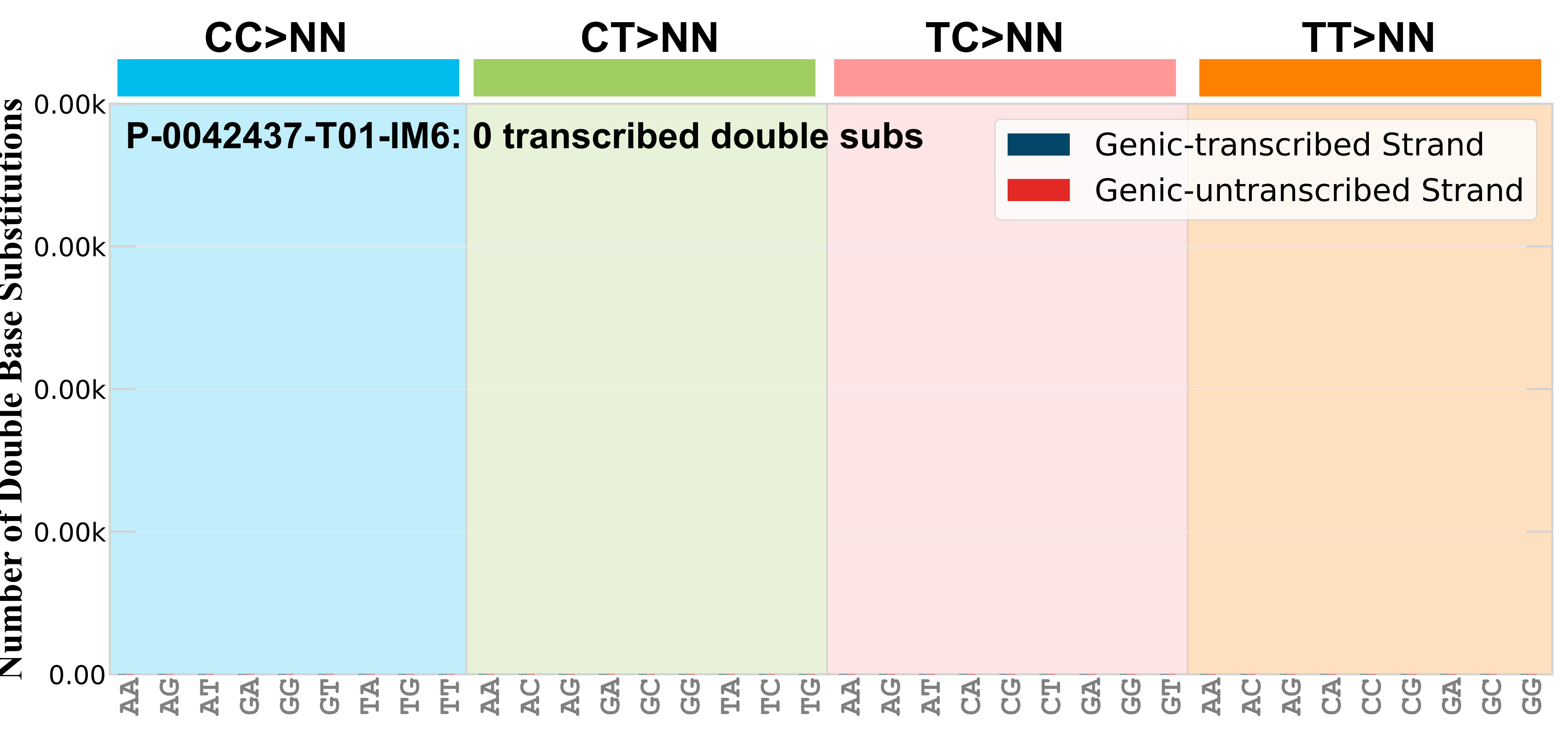


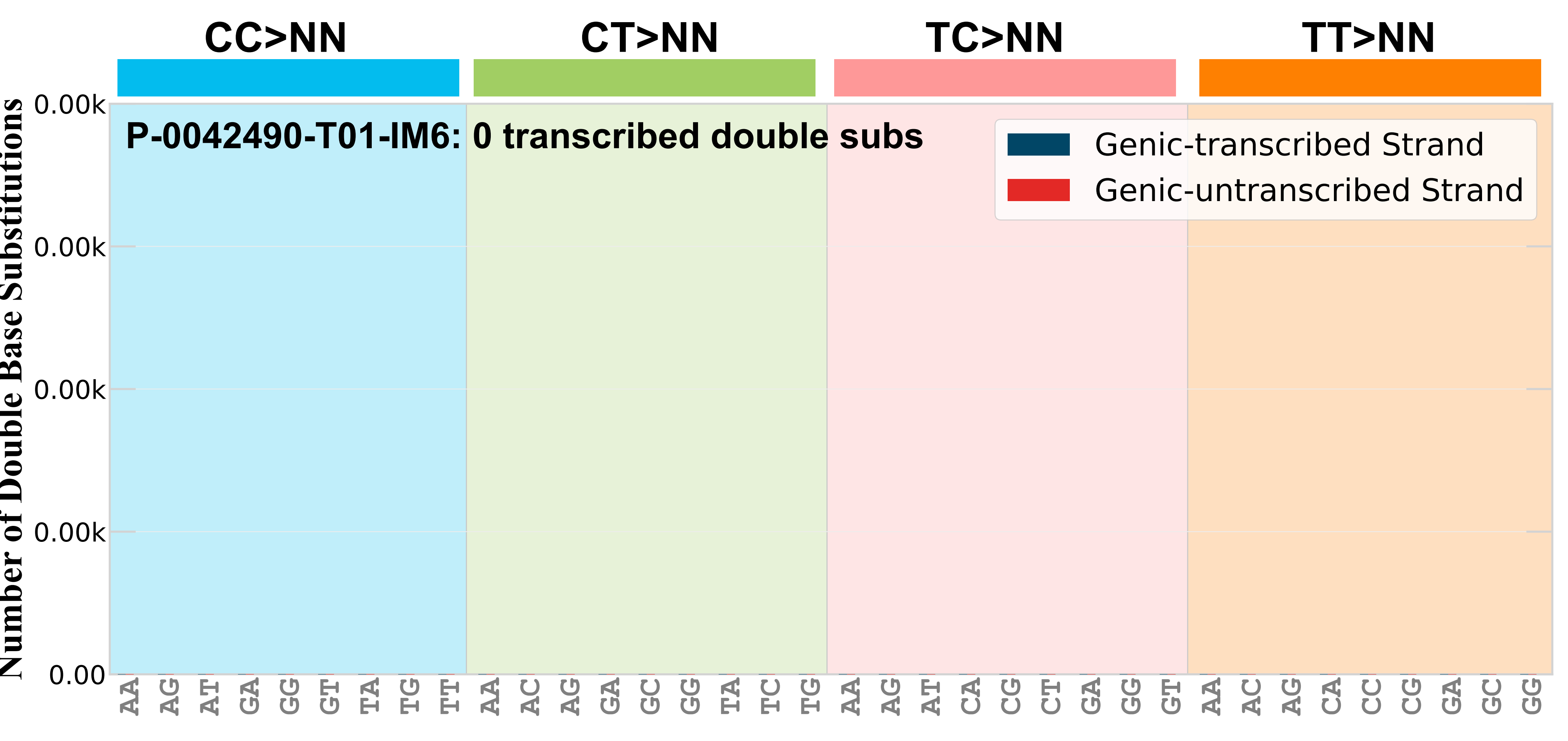


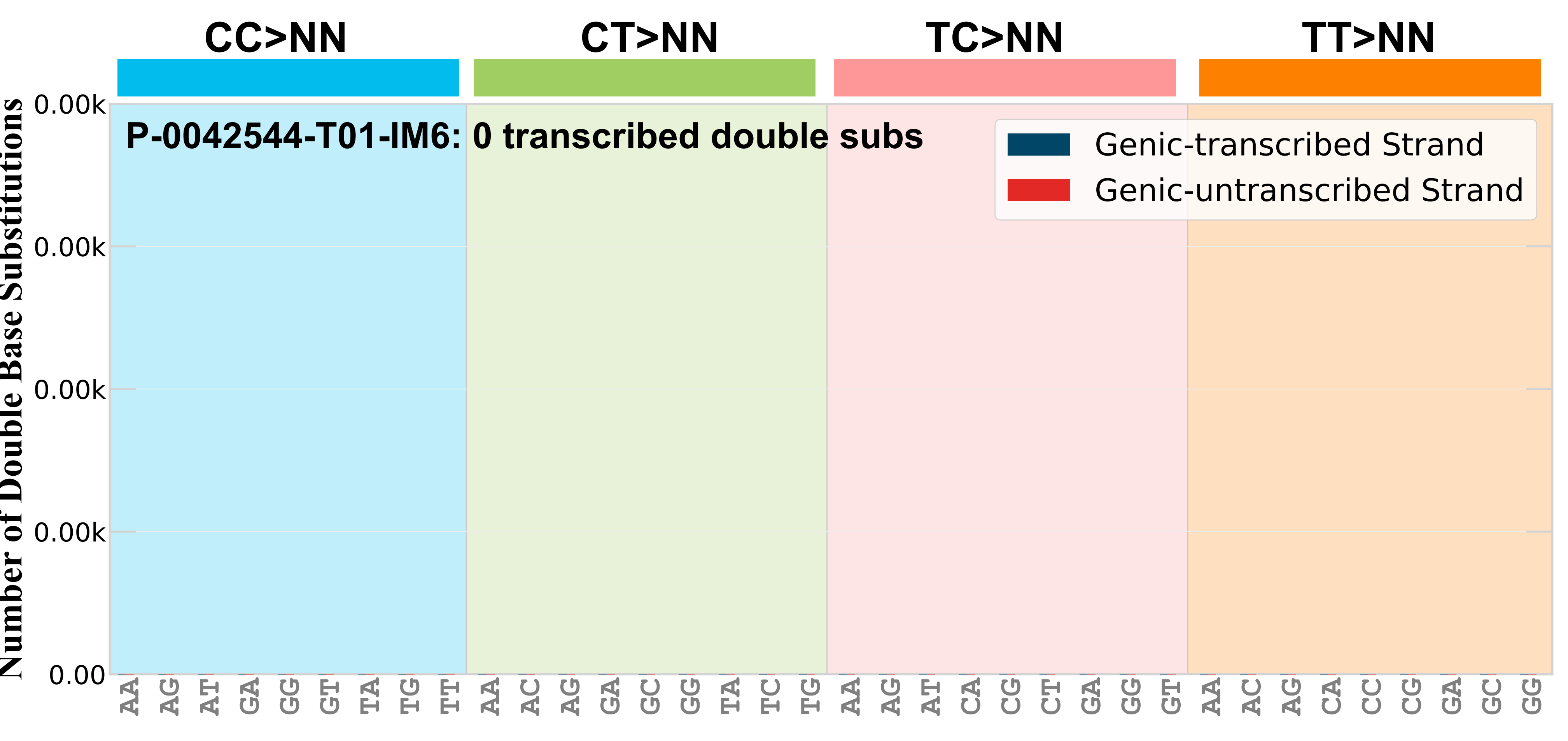


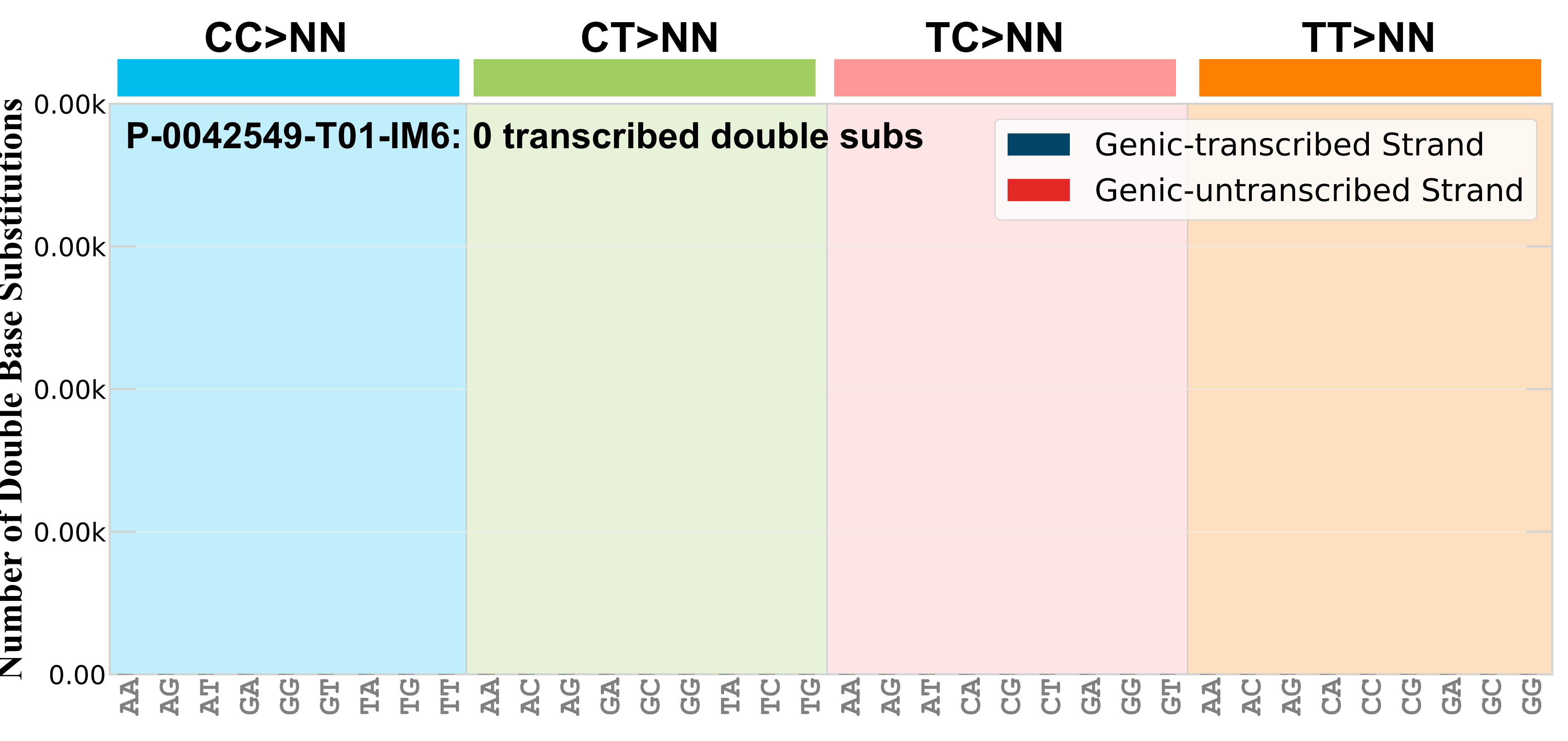
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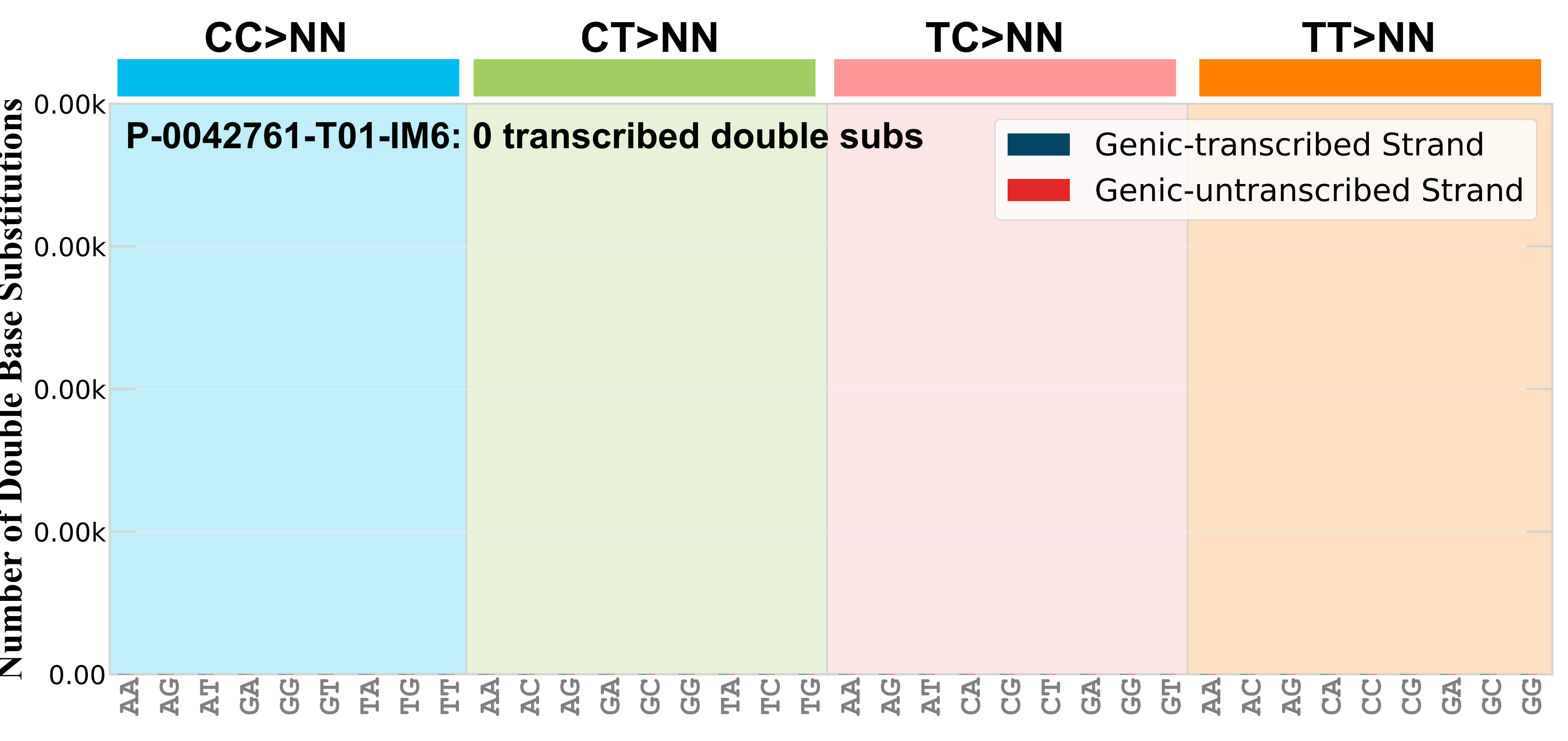






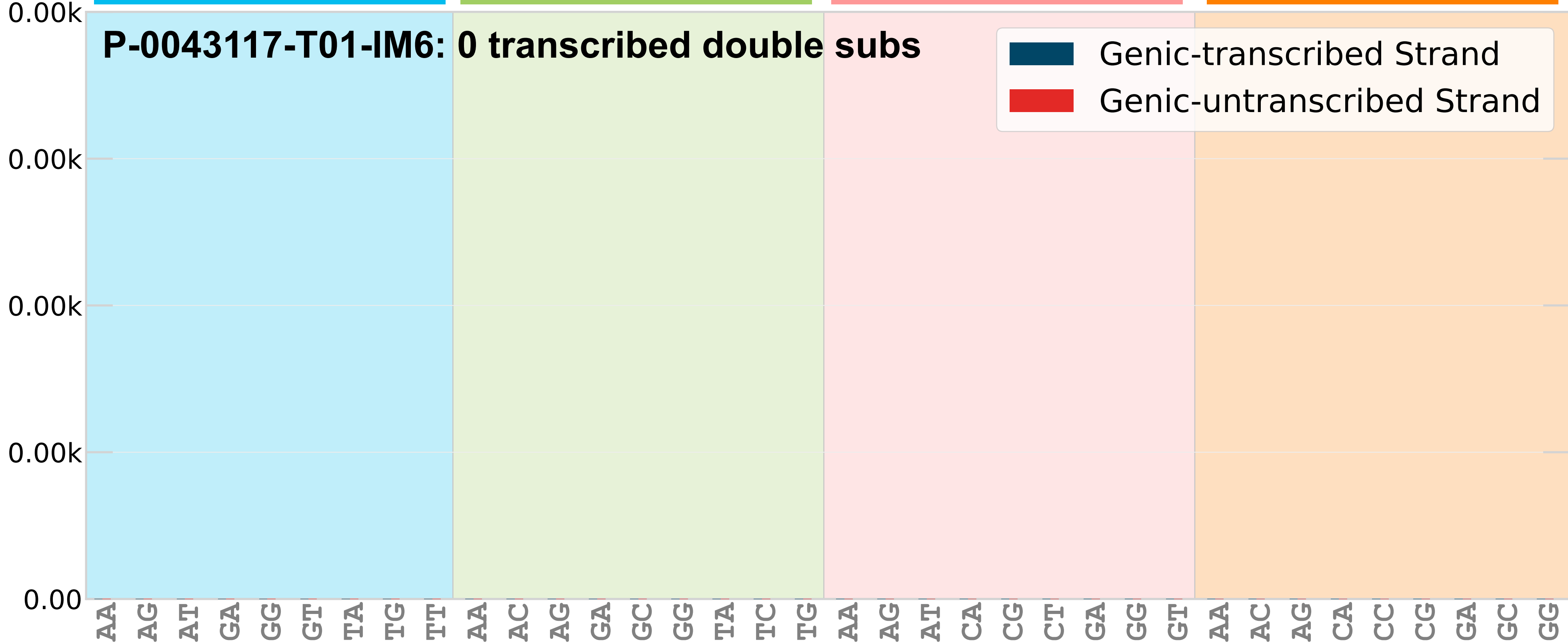




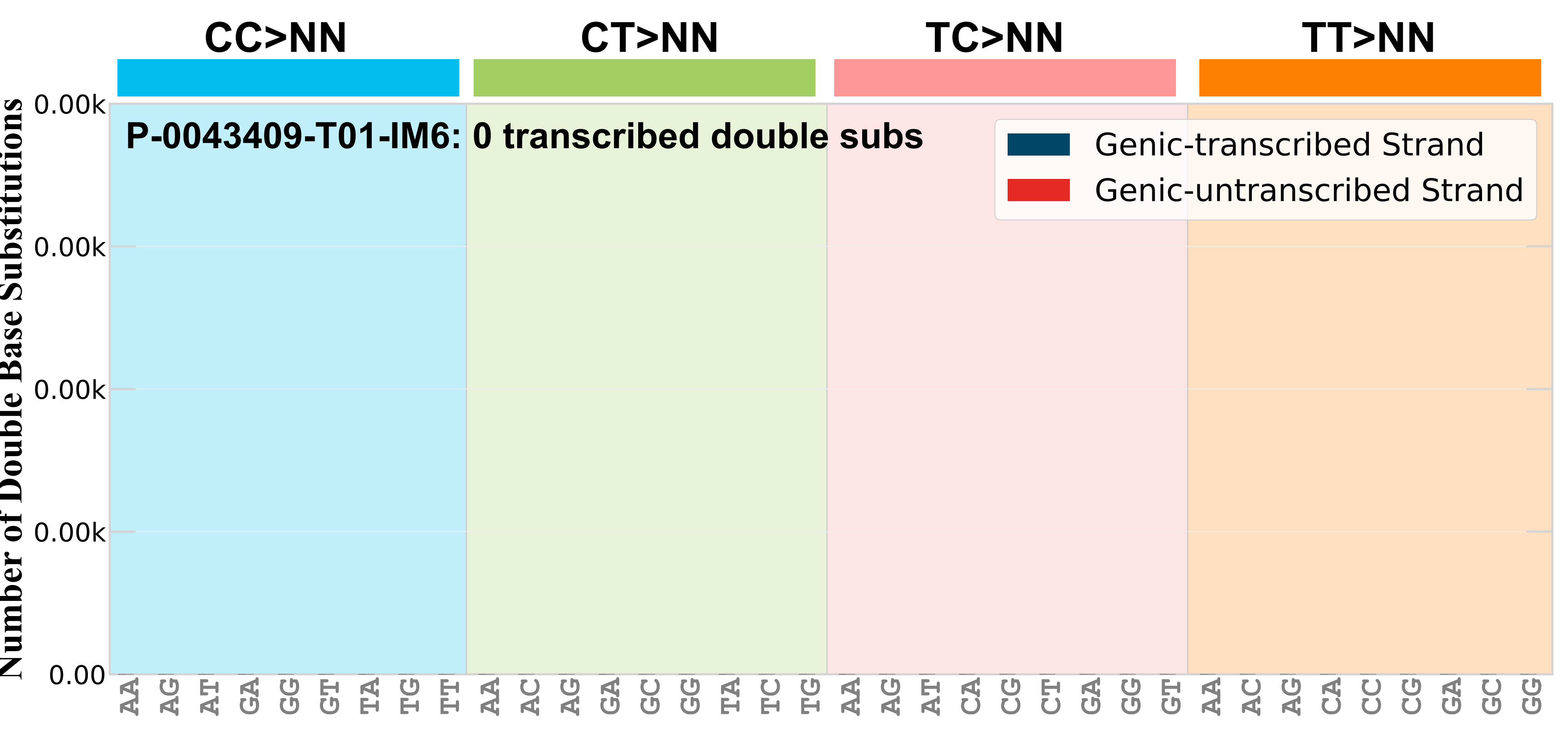


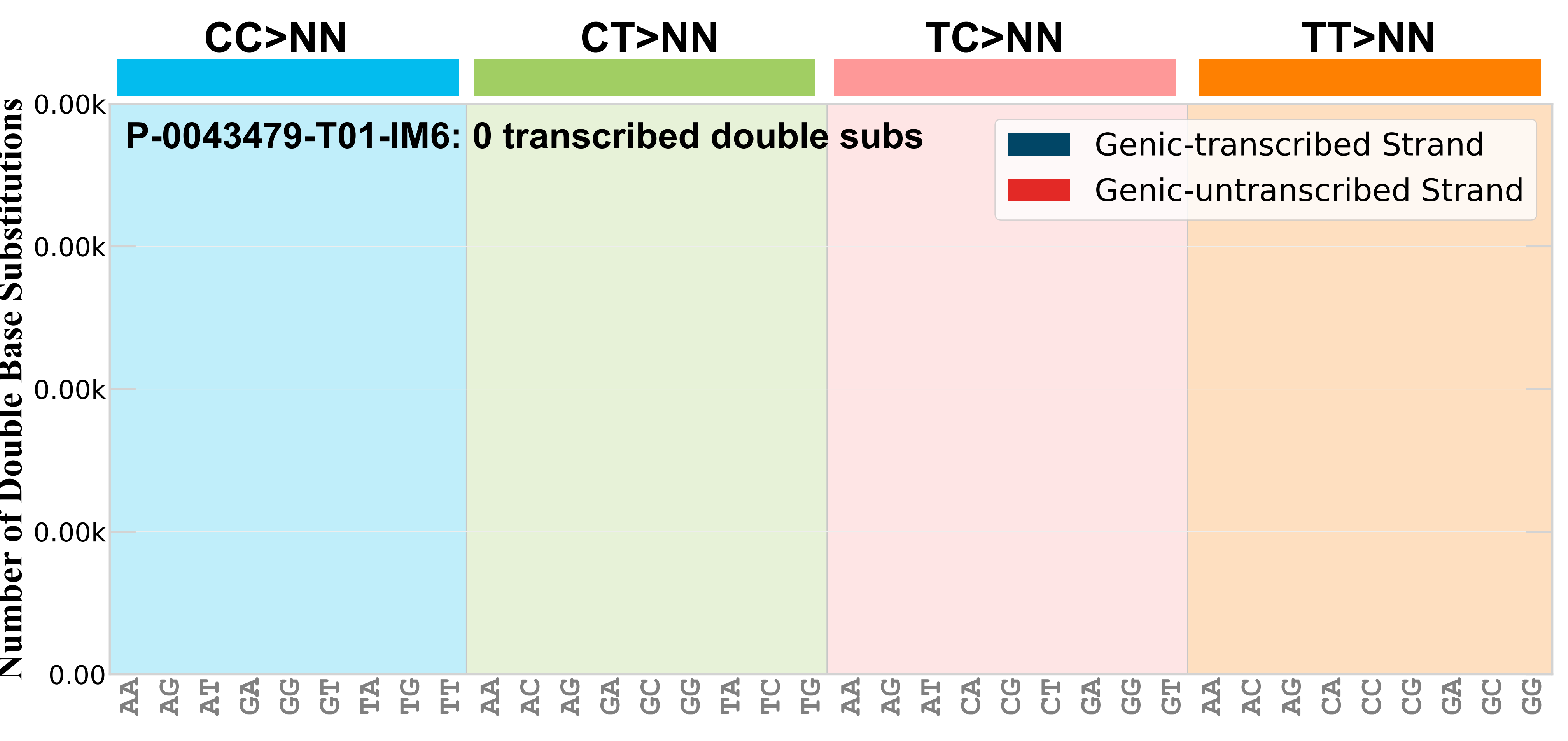


# TT>NN





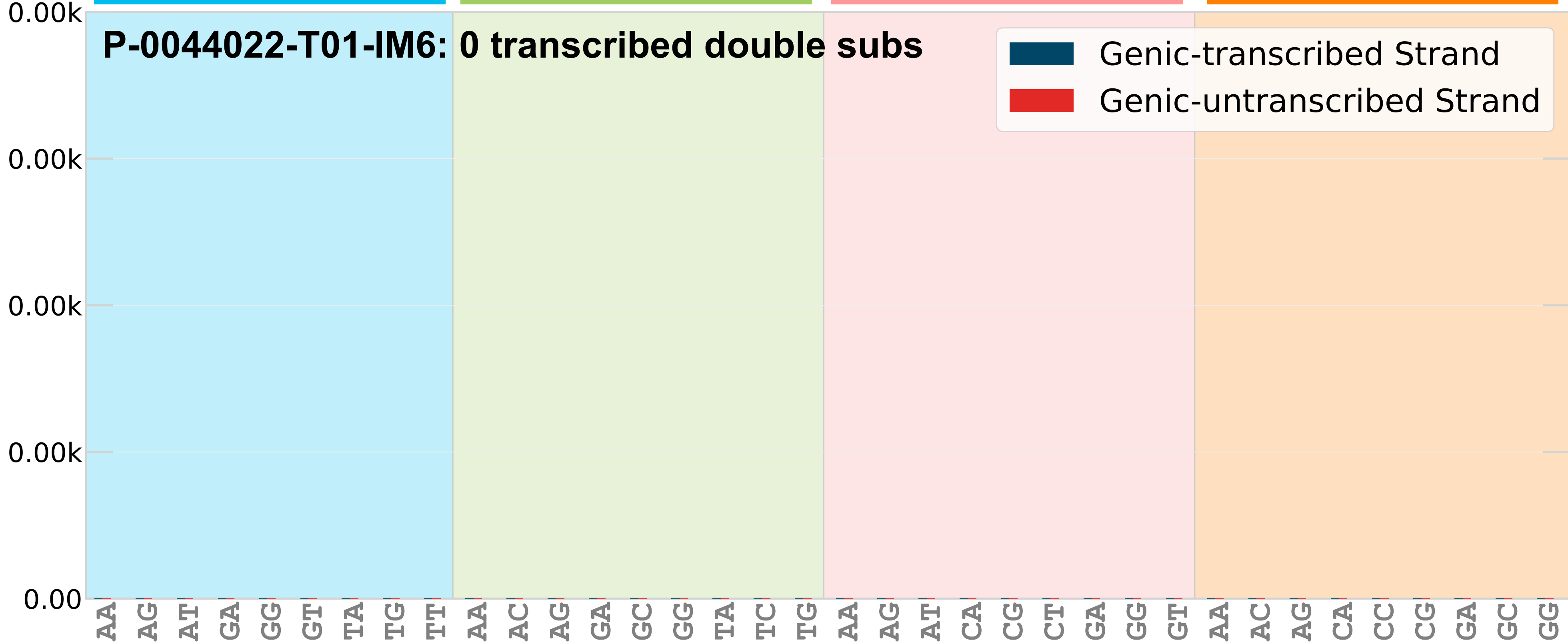




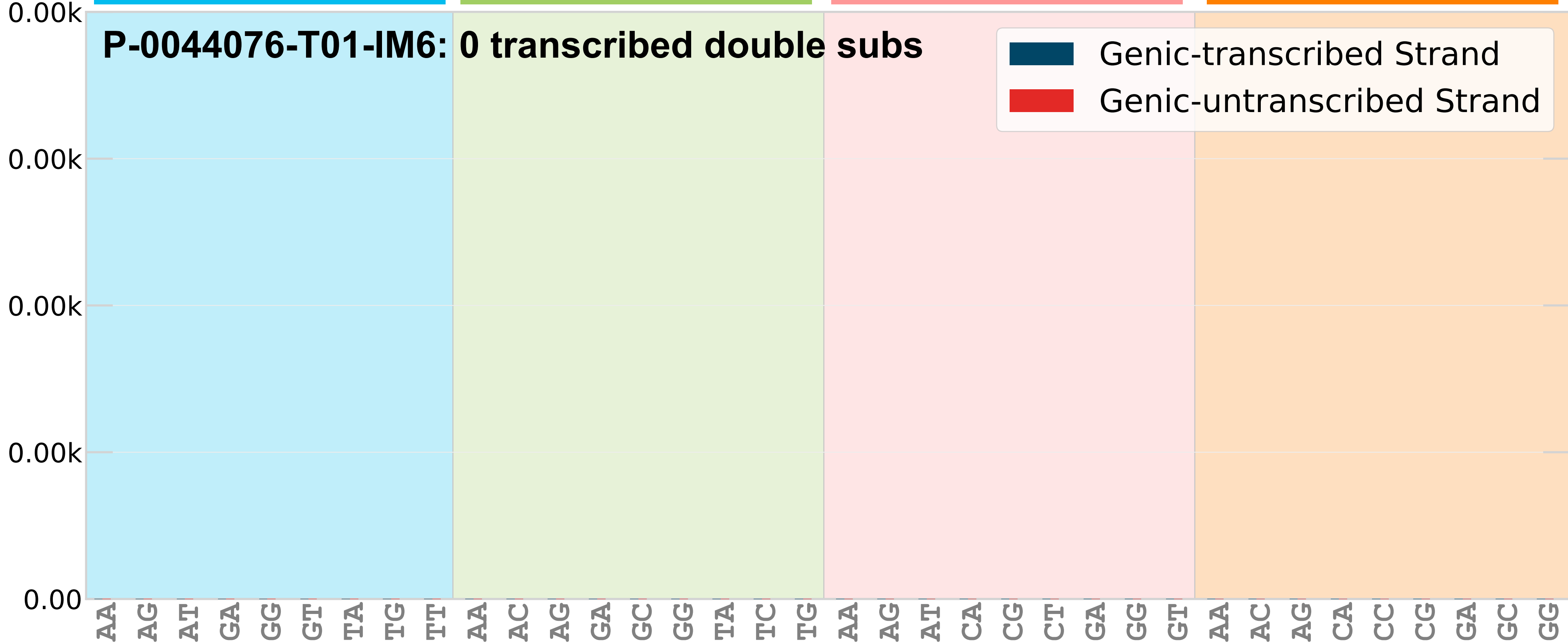




# TT>NN

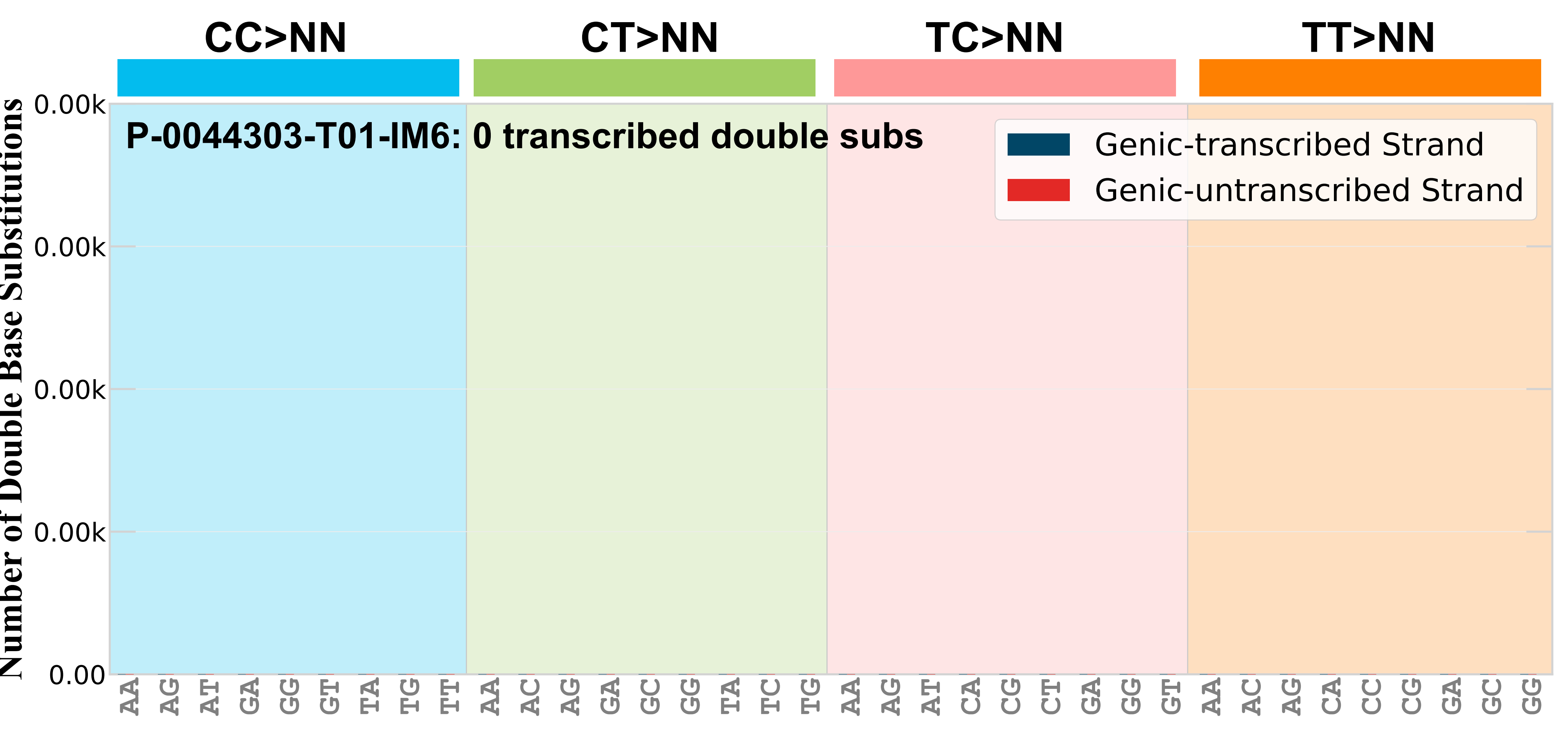


**TT>NN**

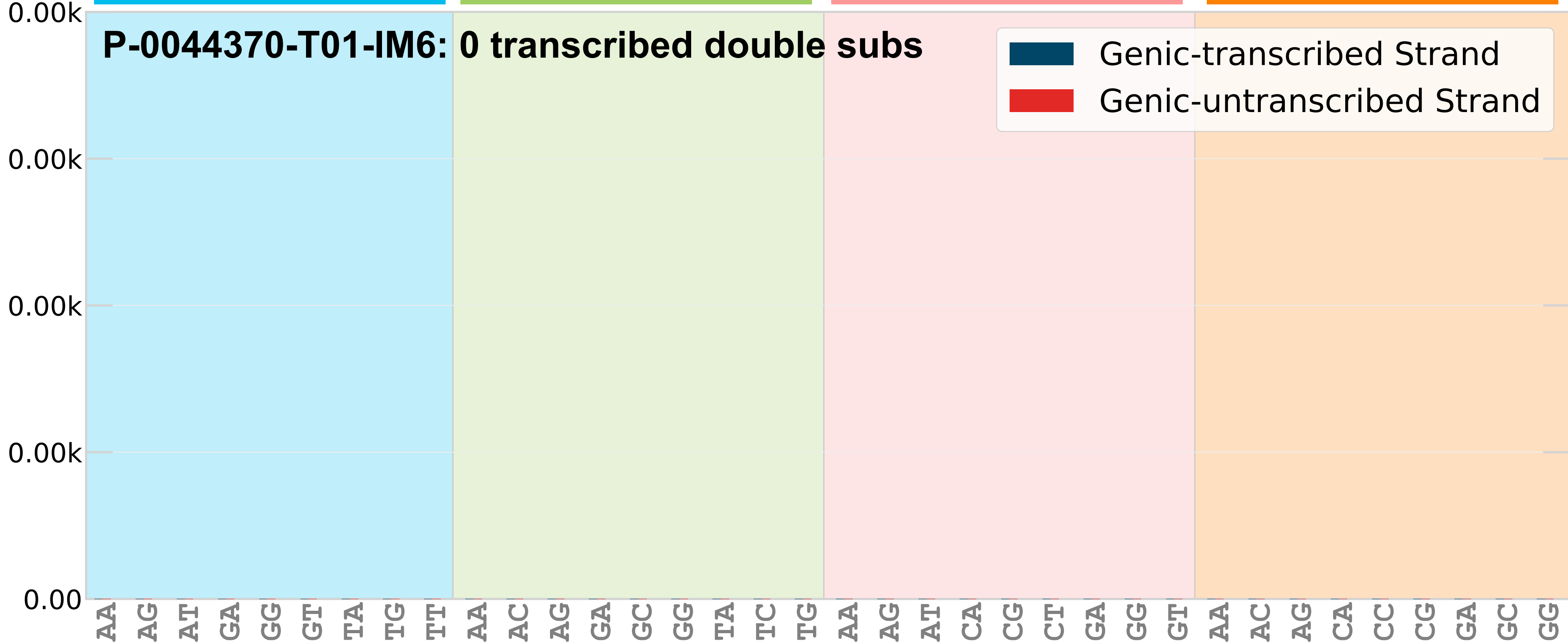




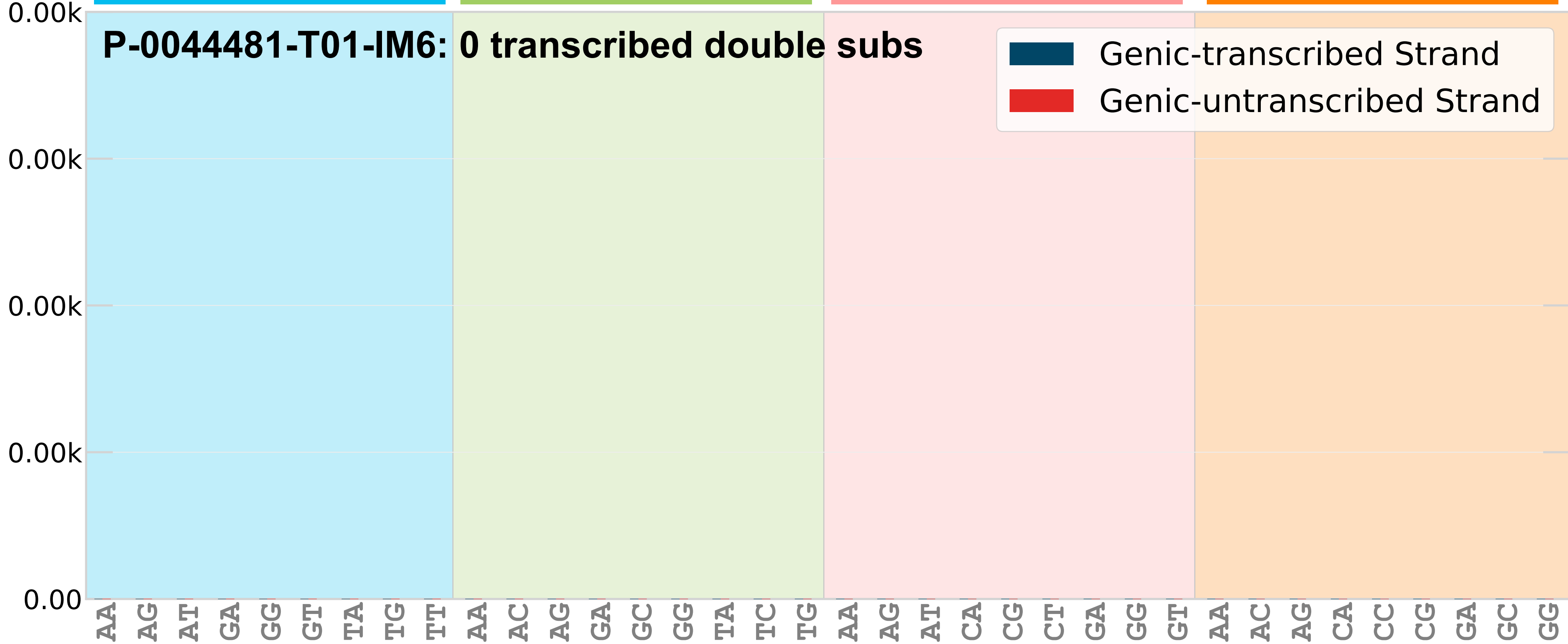




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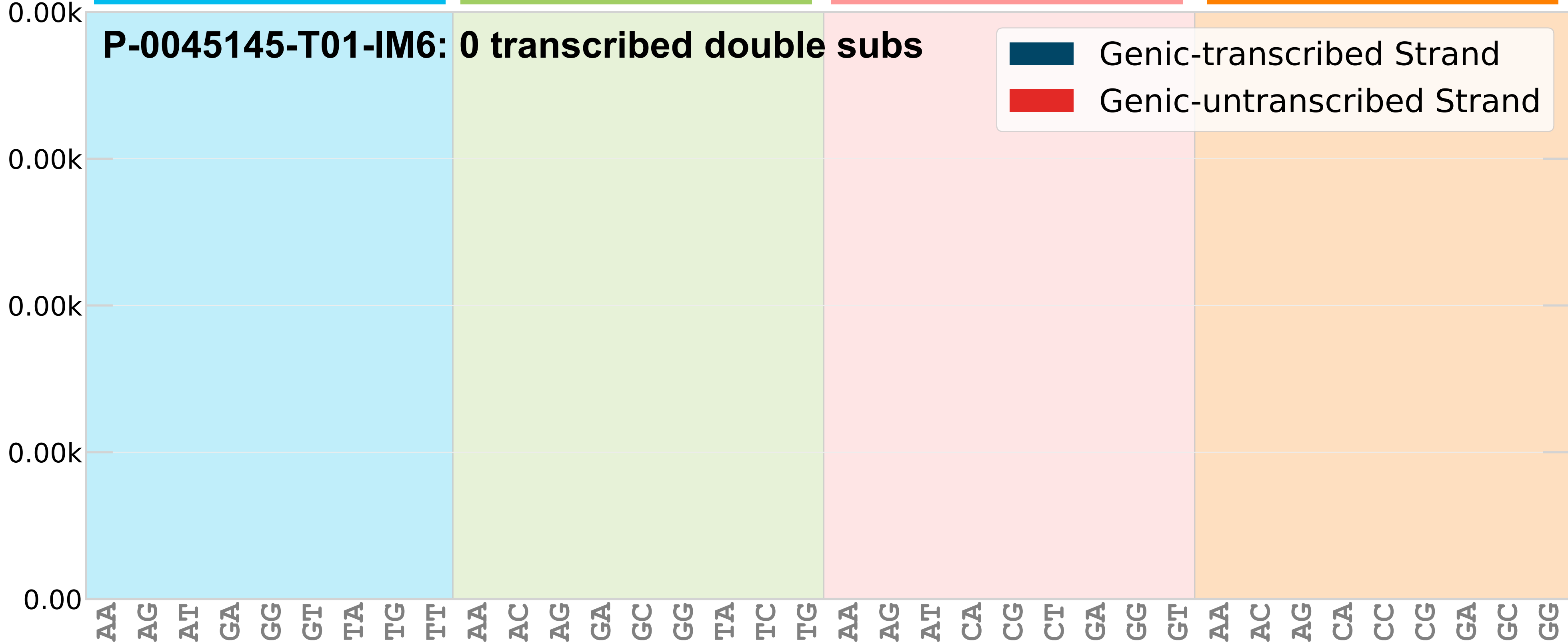


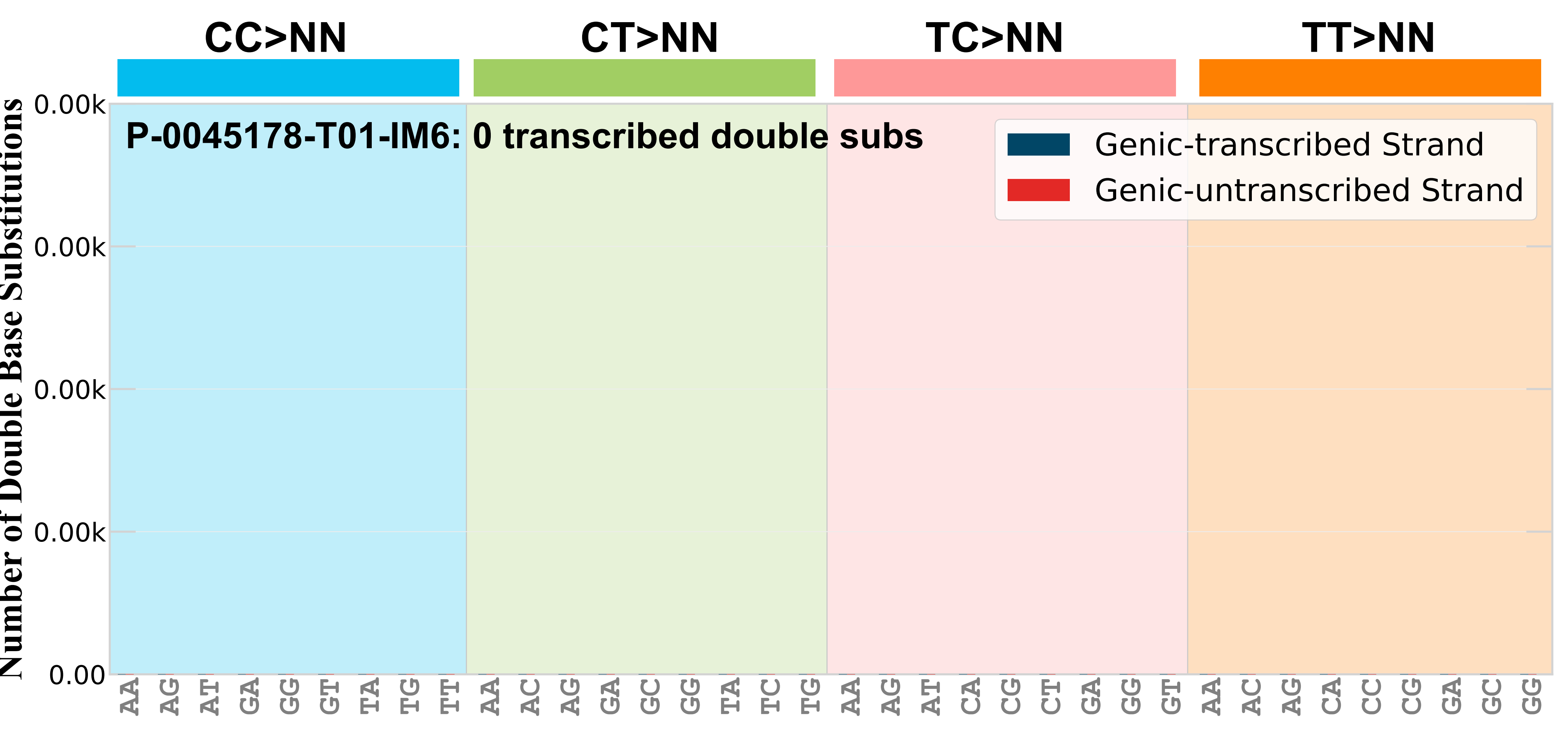
# TT>NN

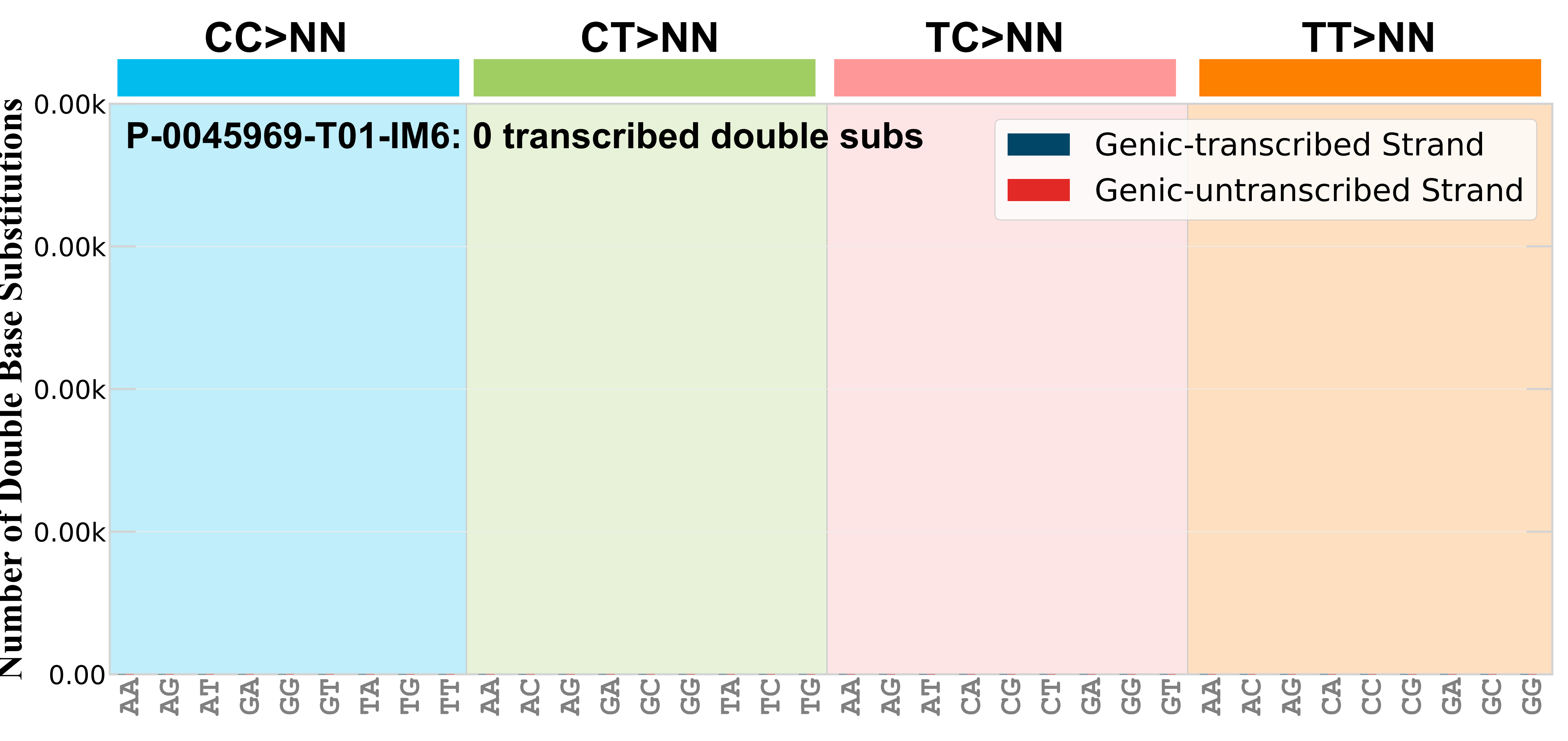




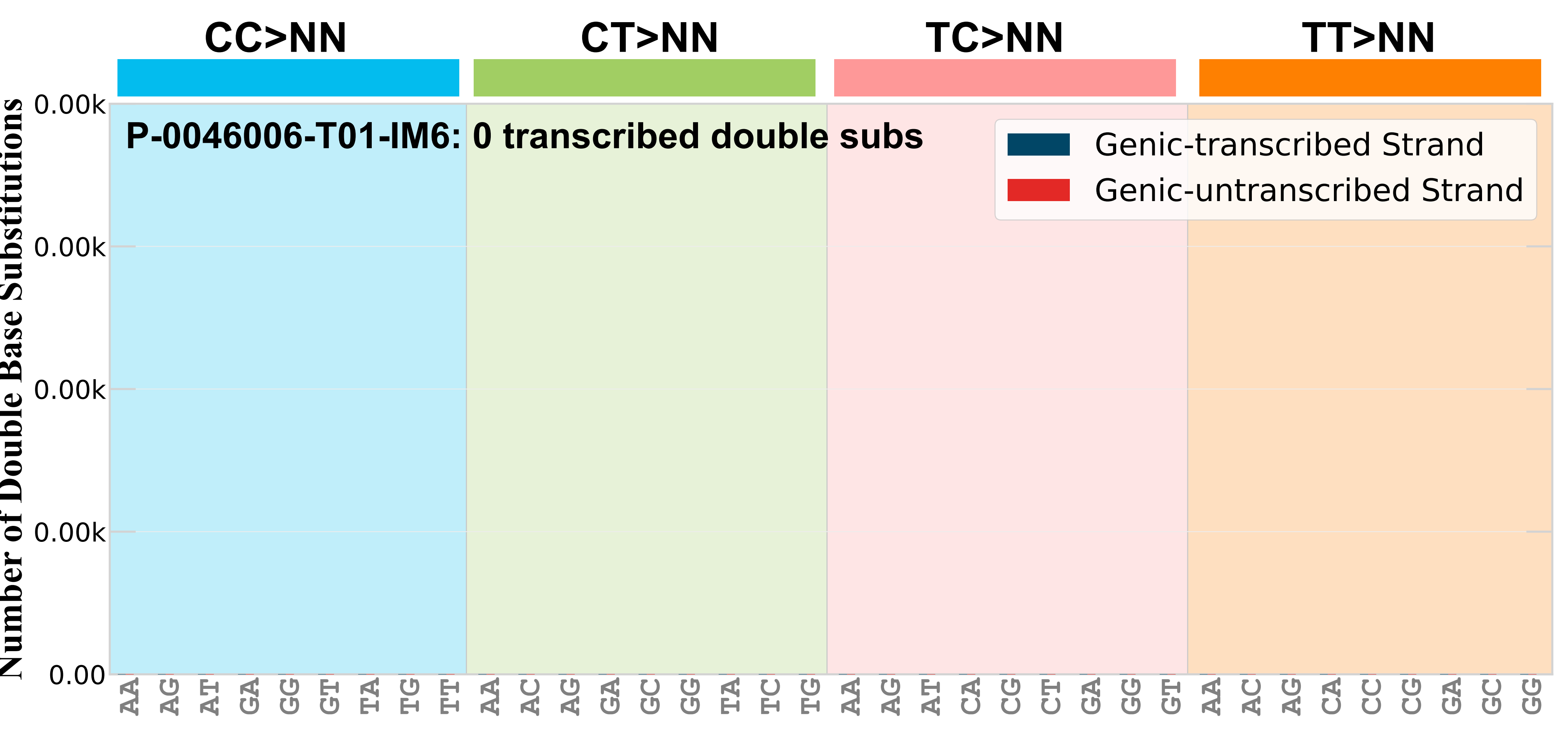
**TT>NN**

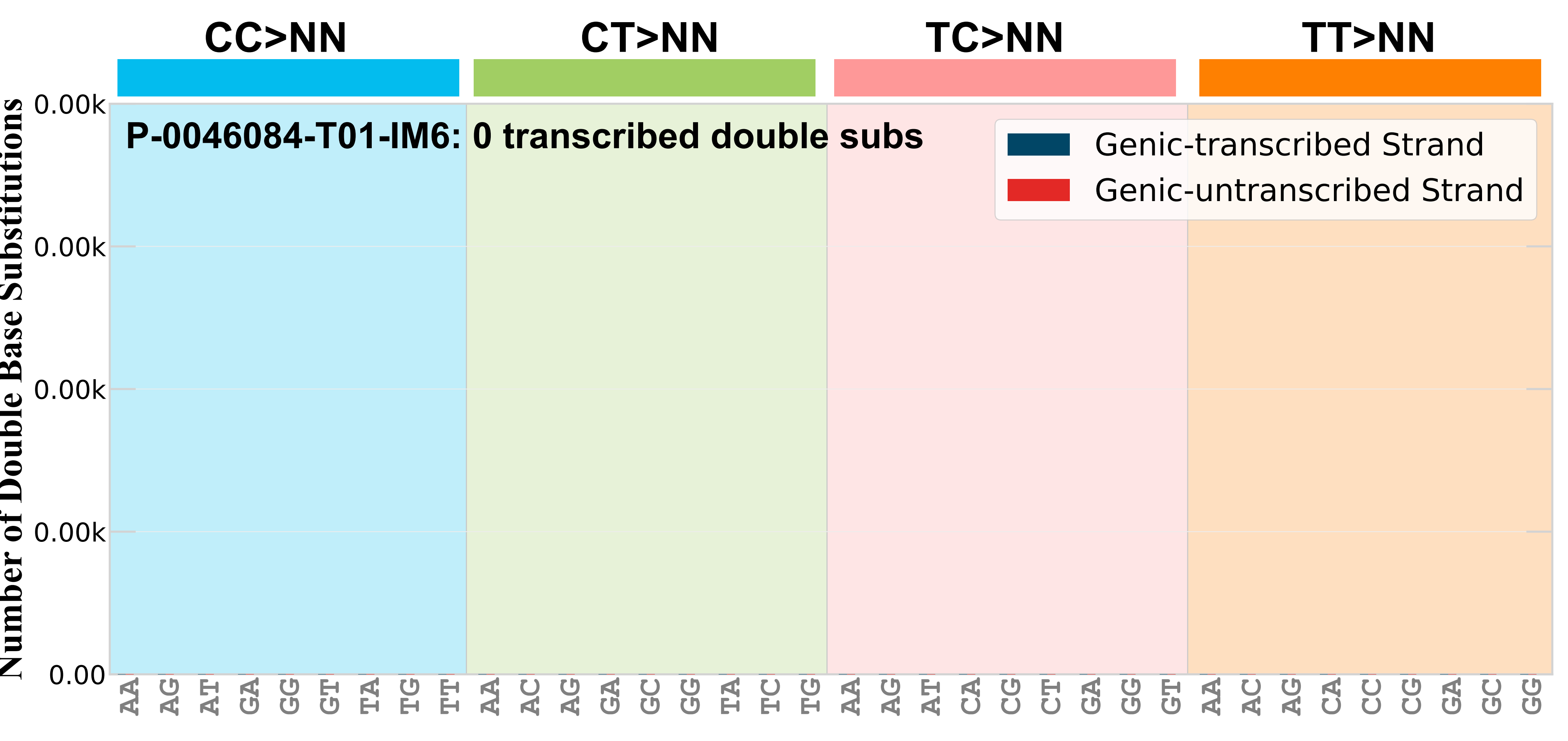






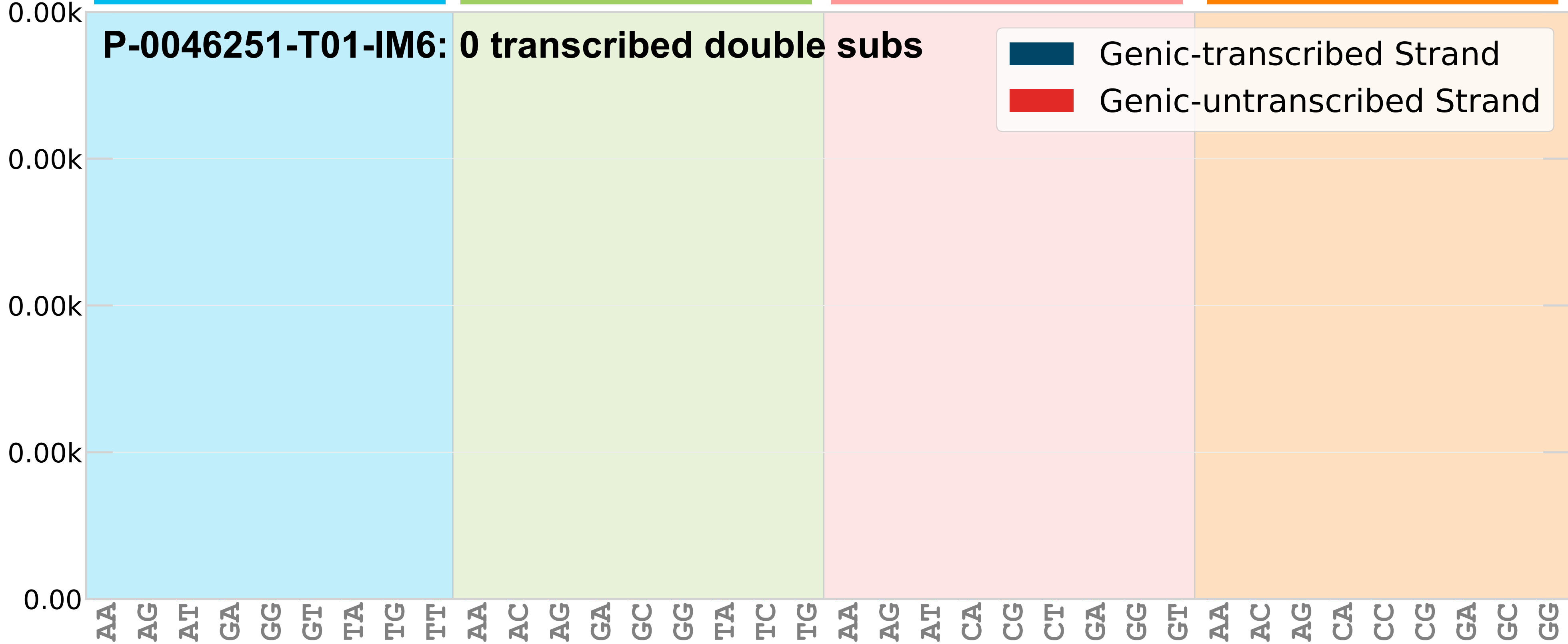


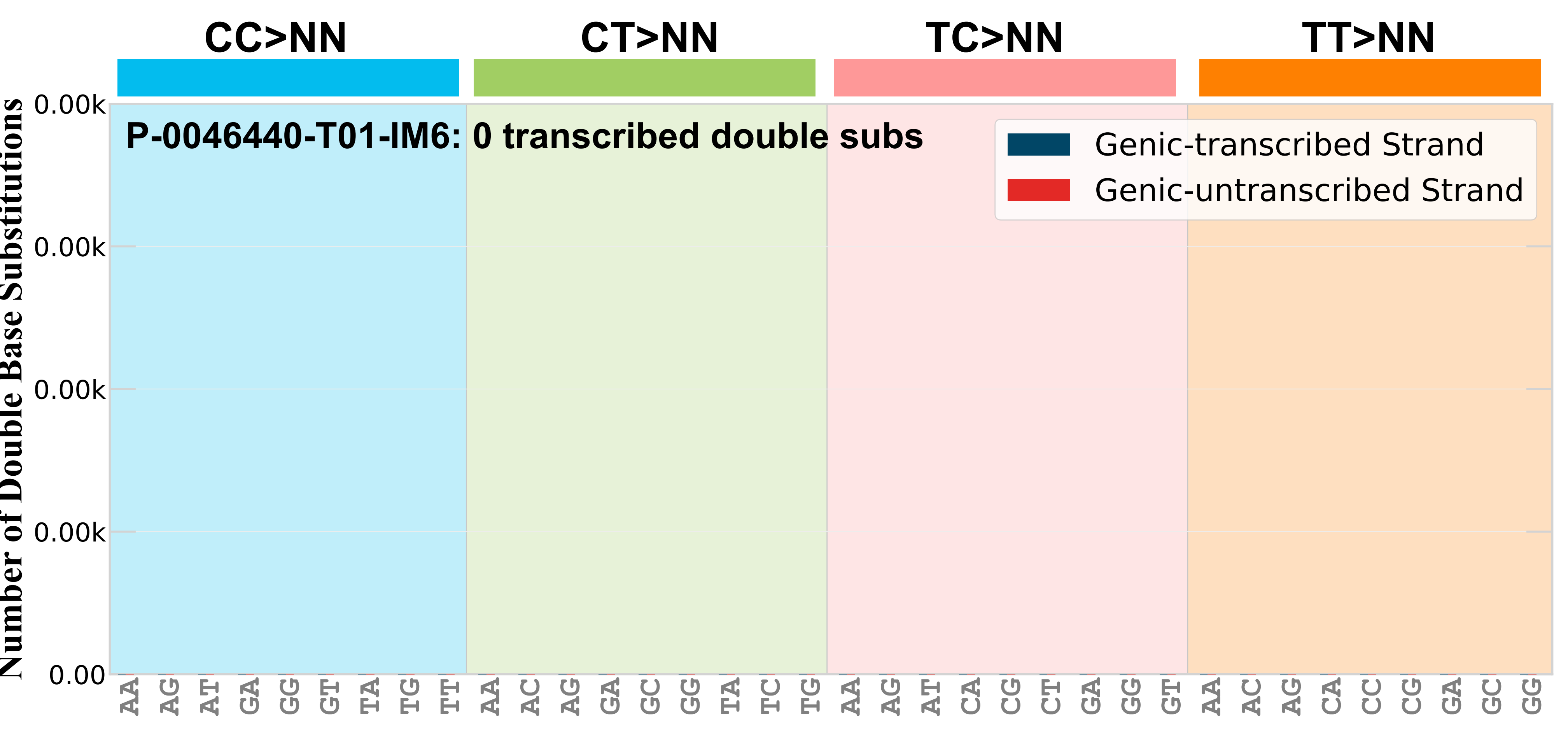






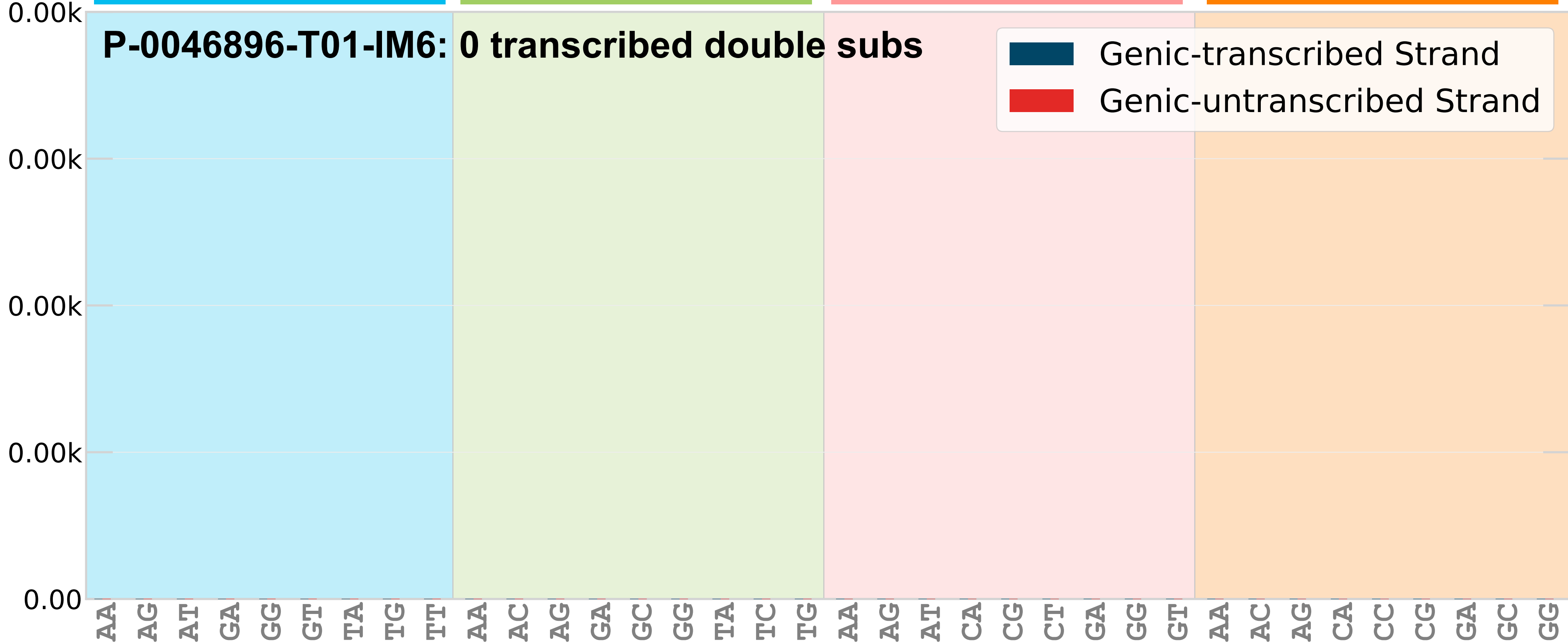
**TT>NN**



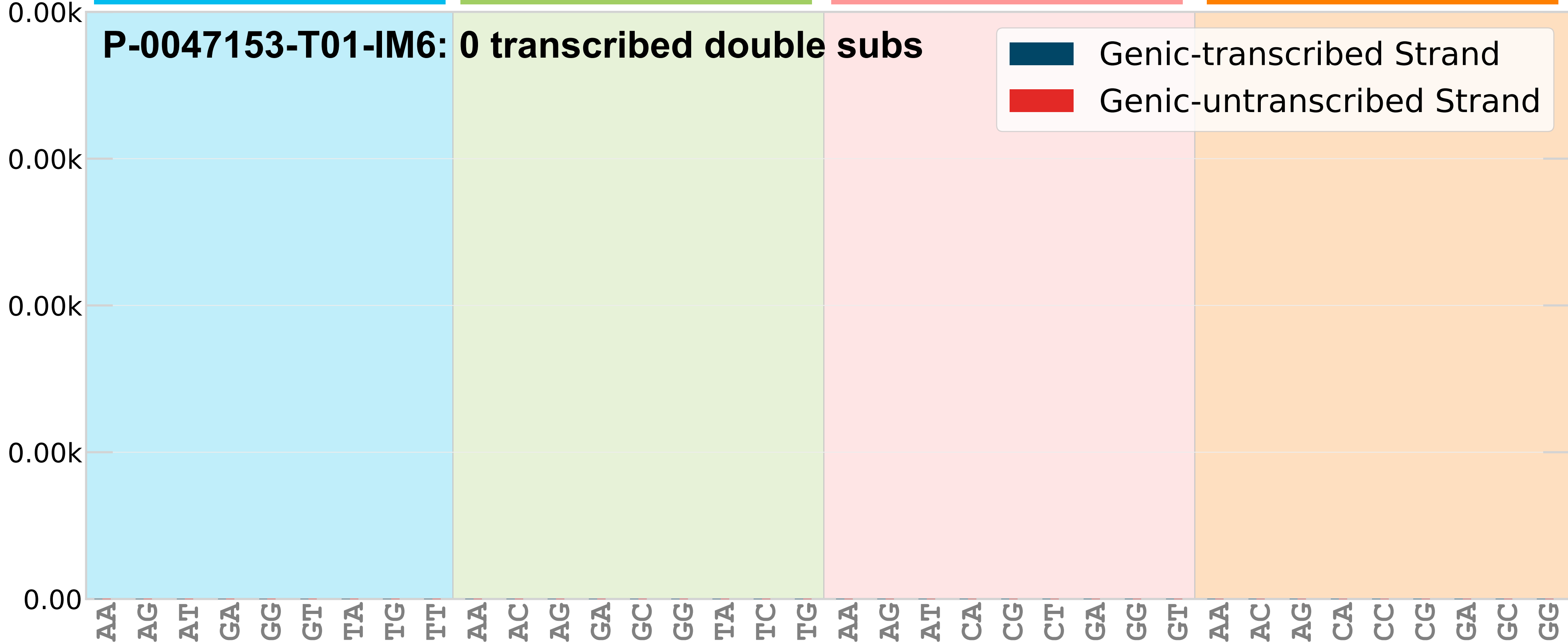




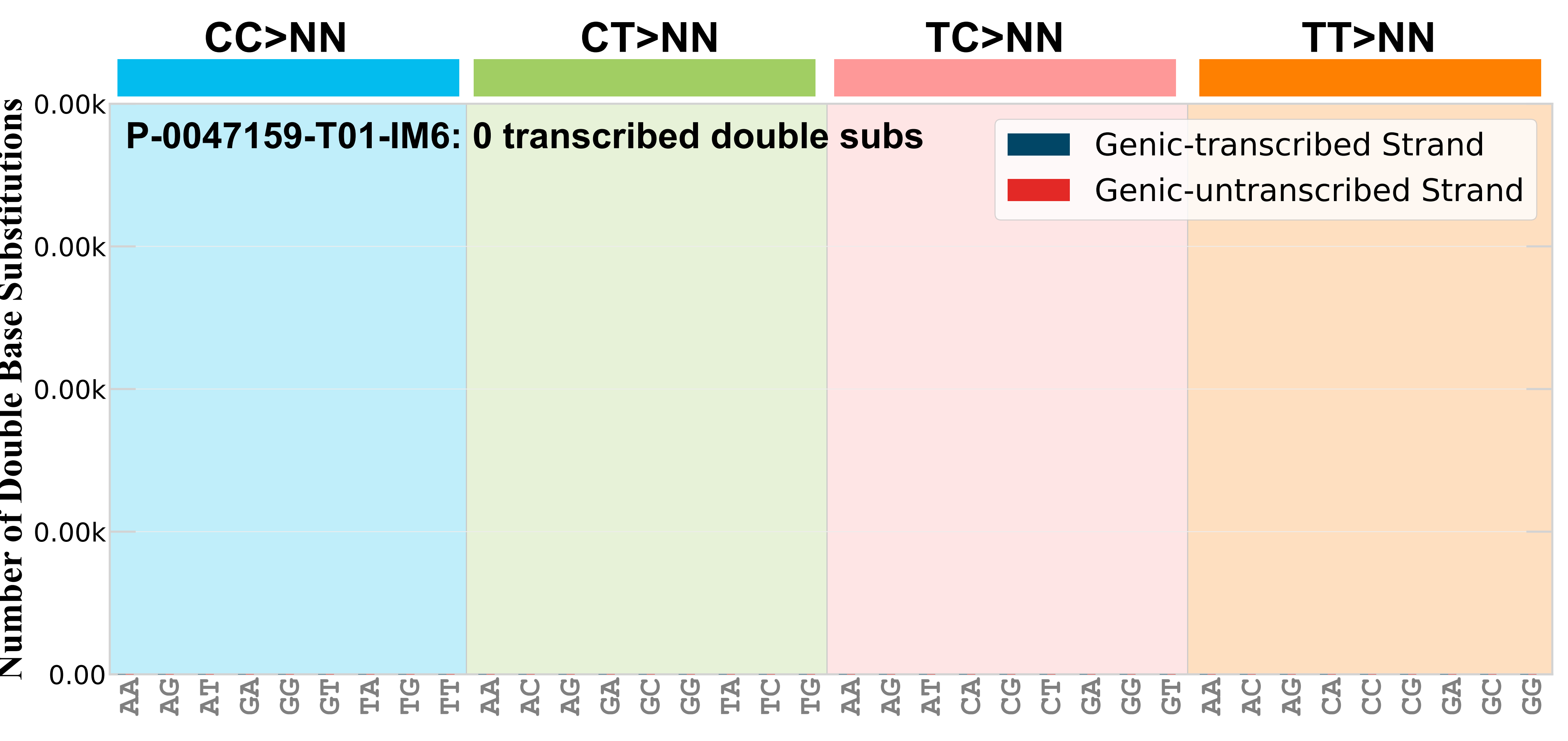
**TT>NN**

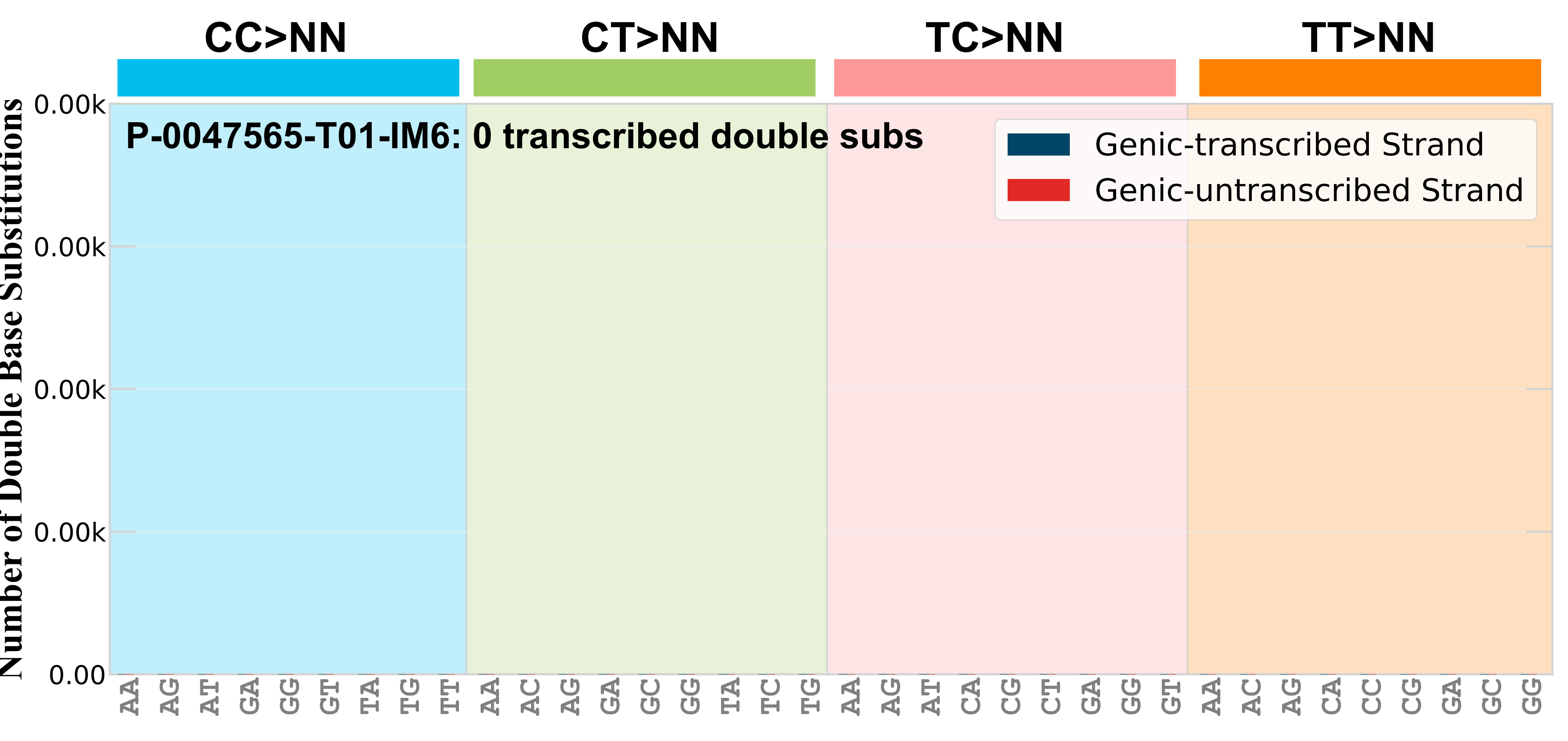


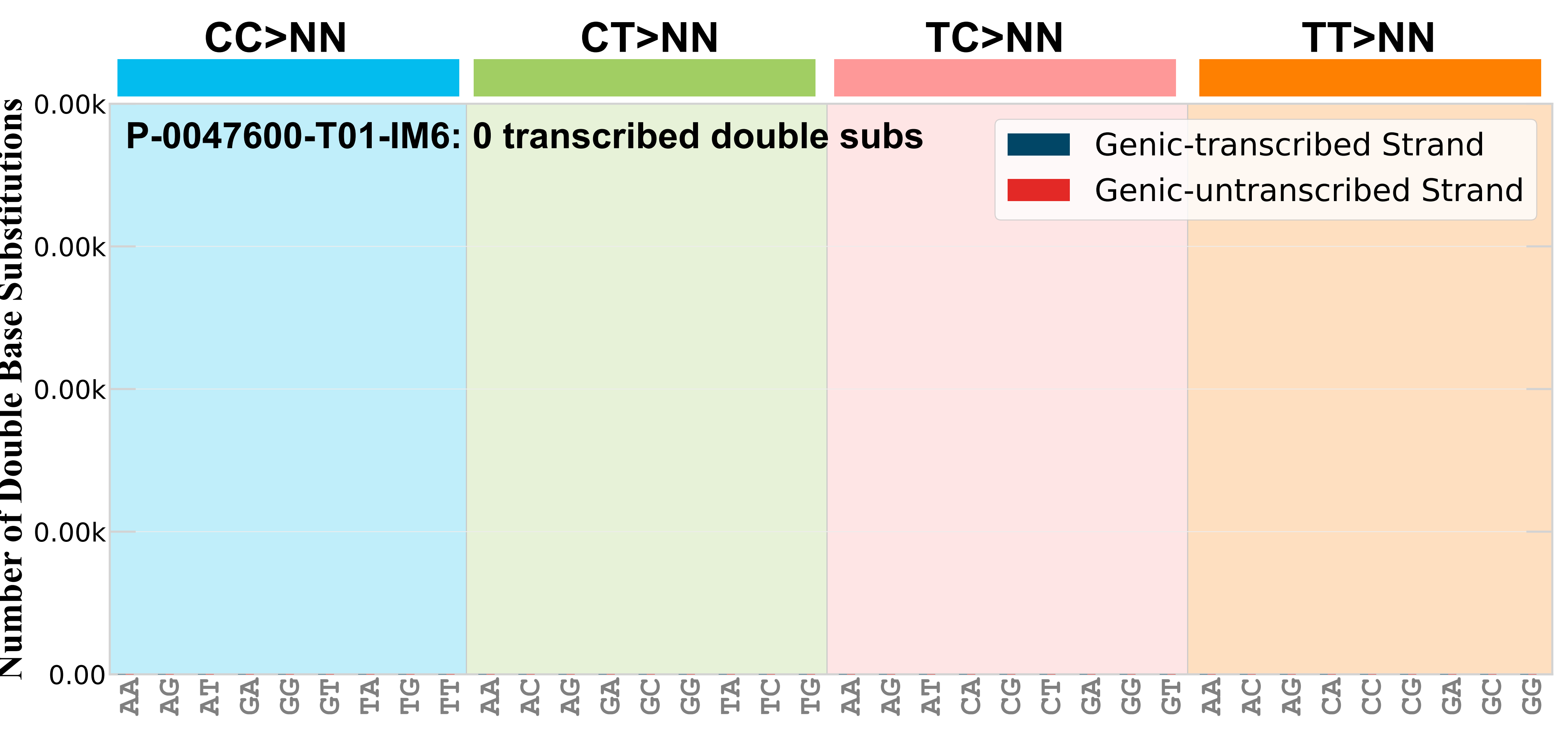
# TT>NN

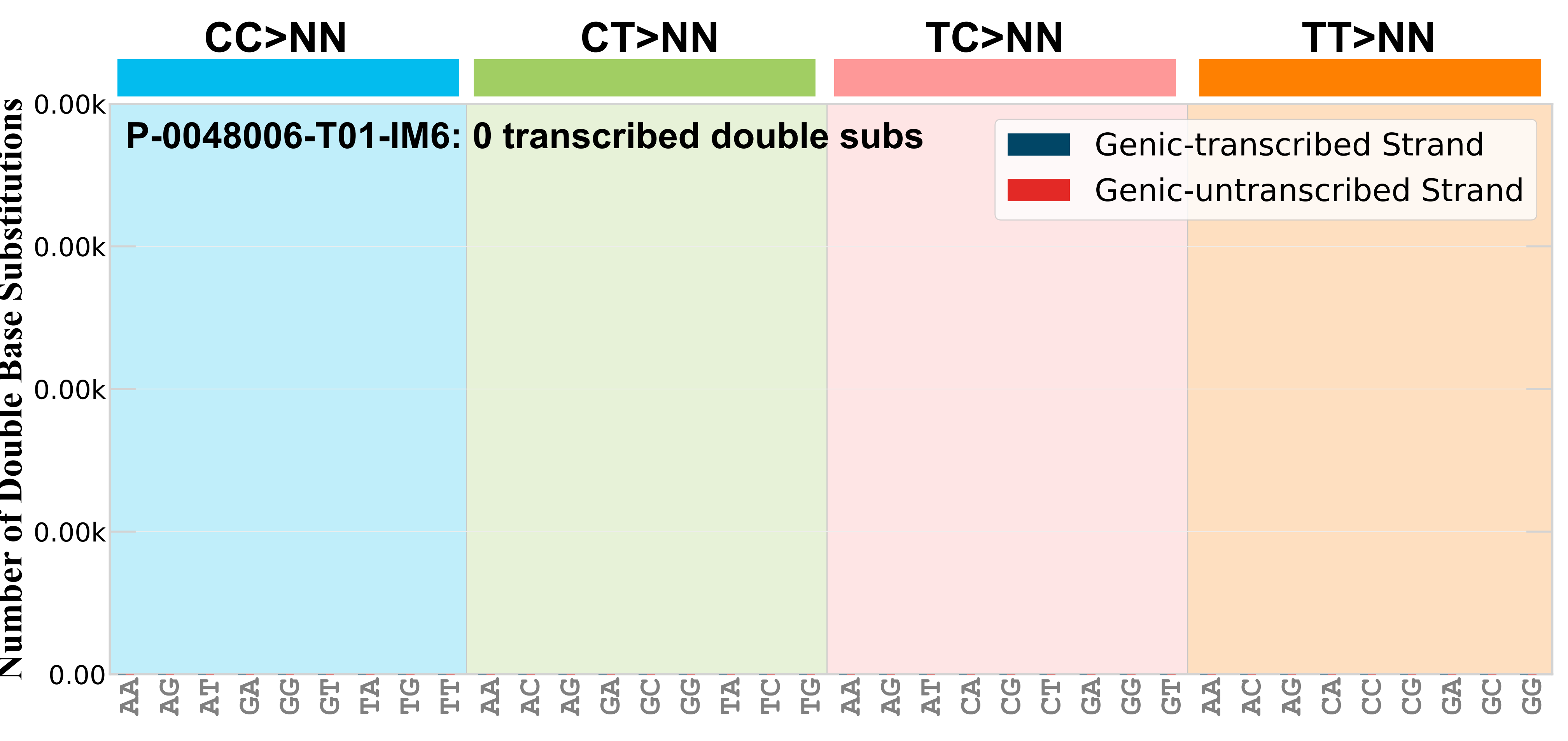




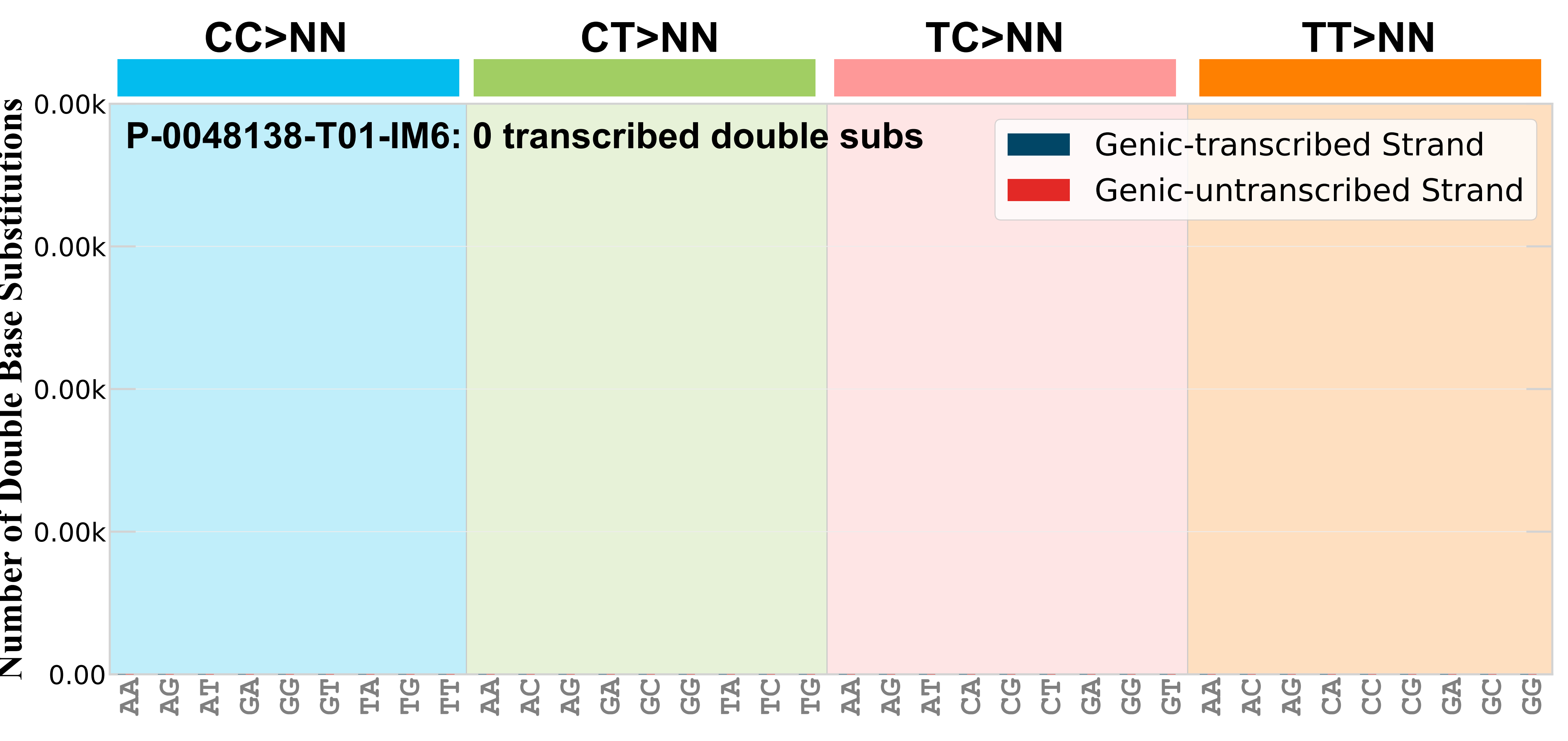








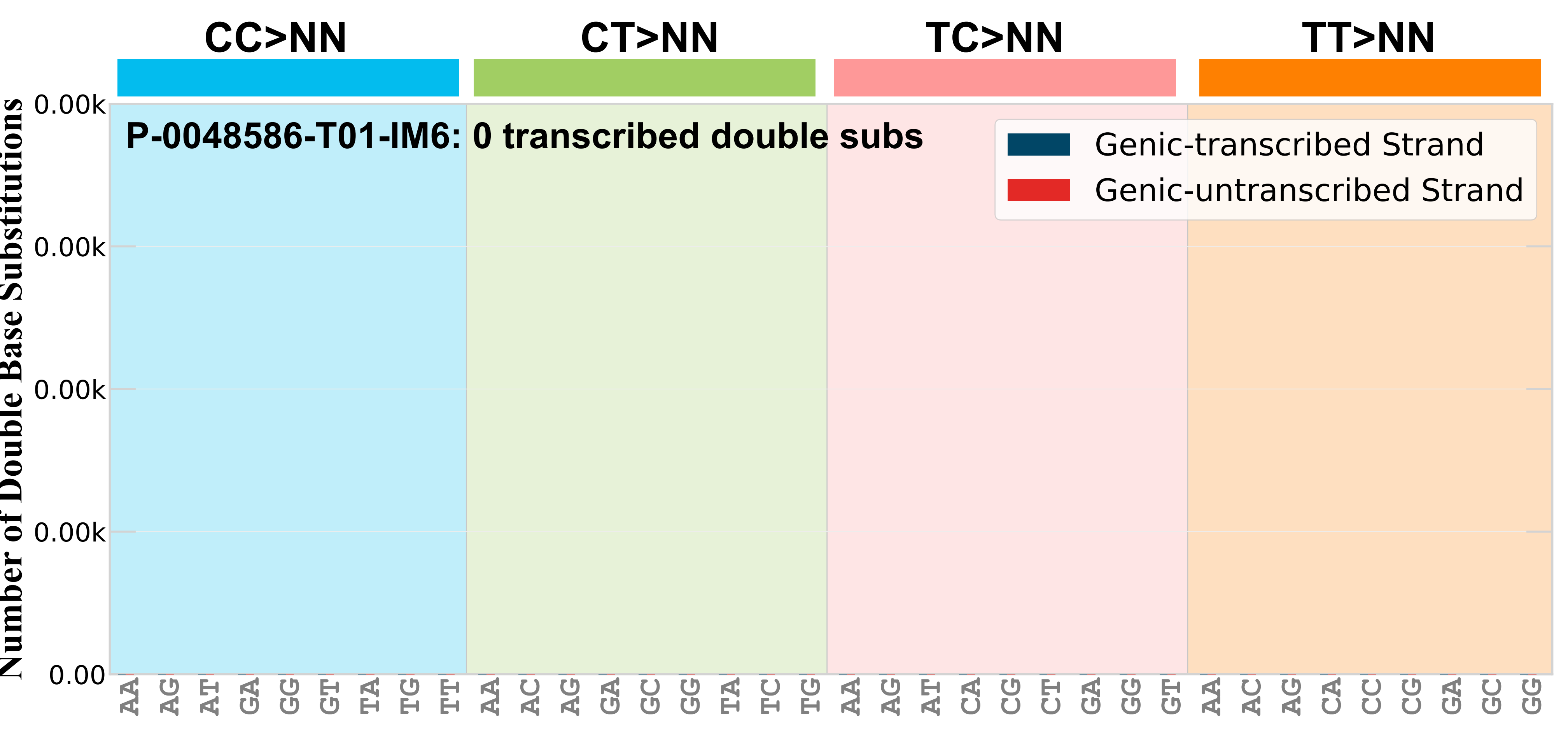


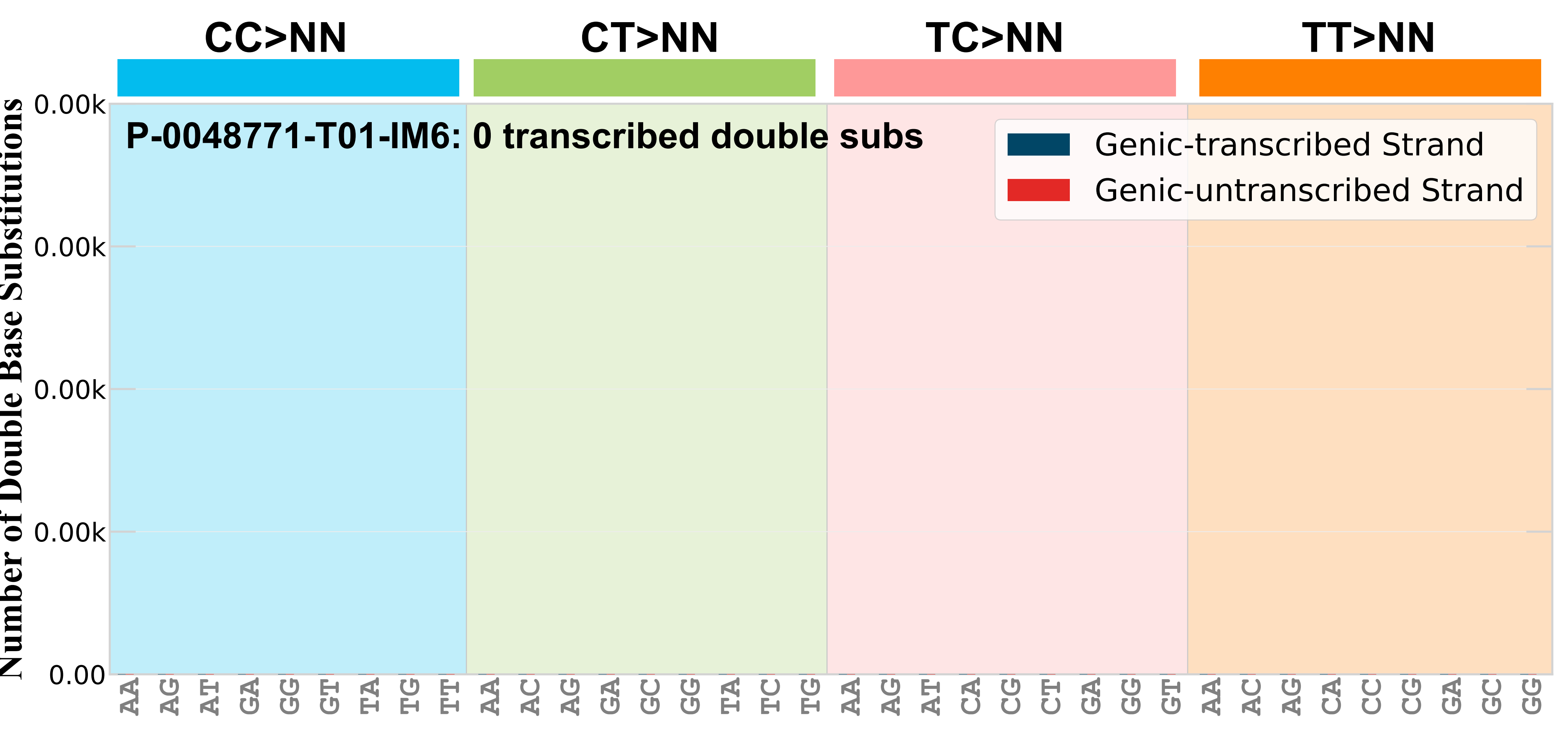


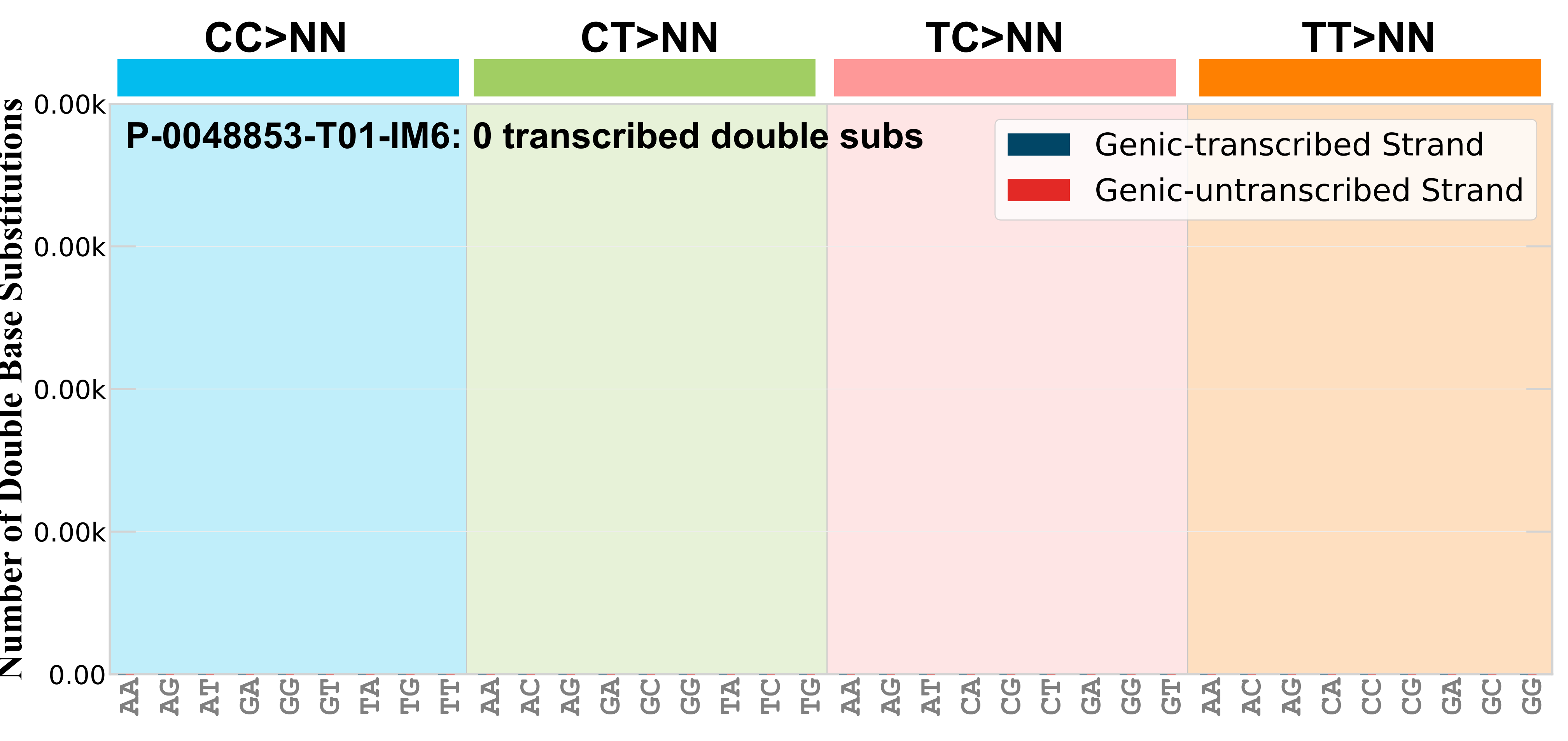




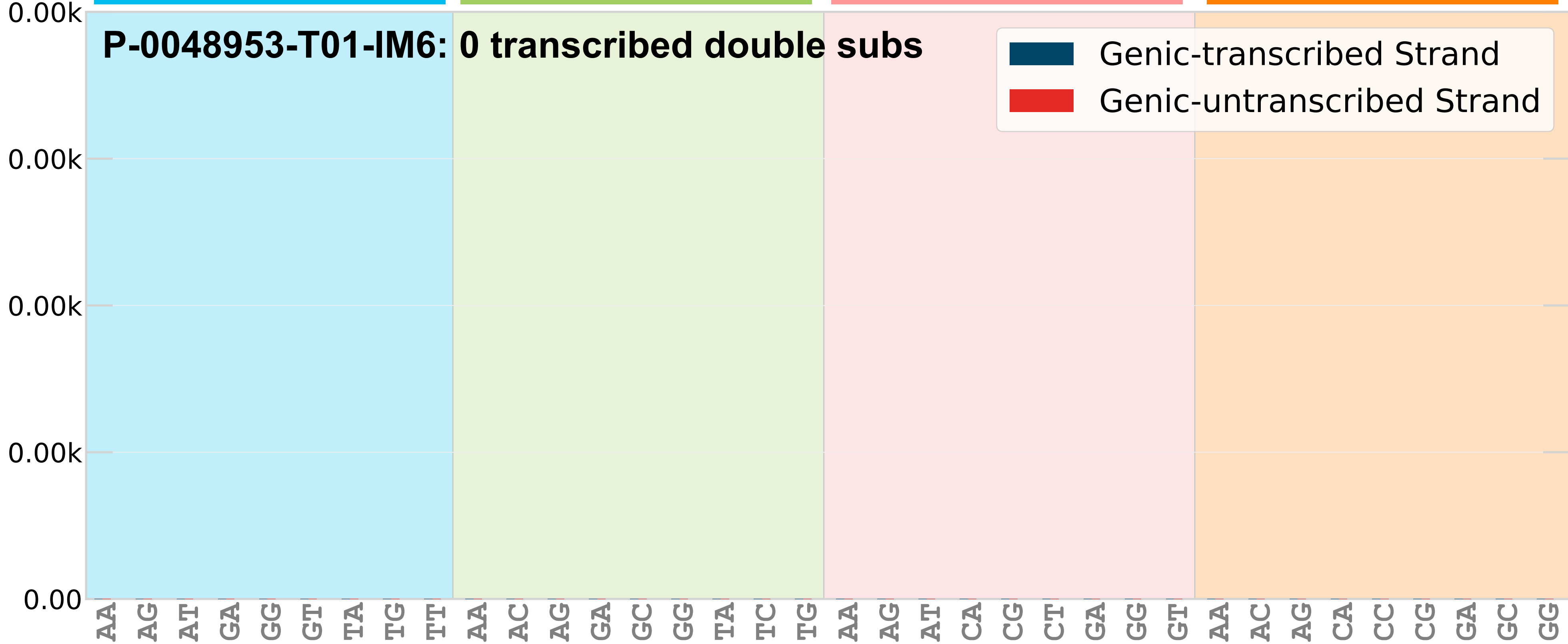


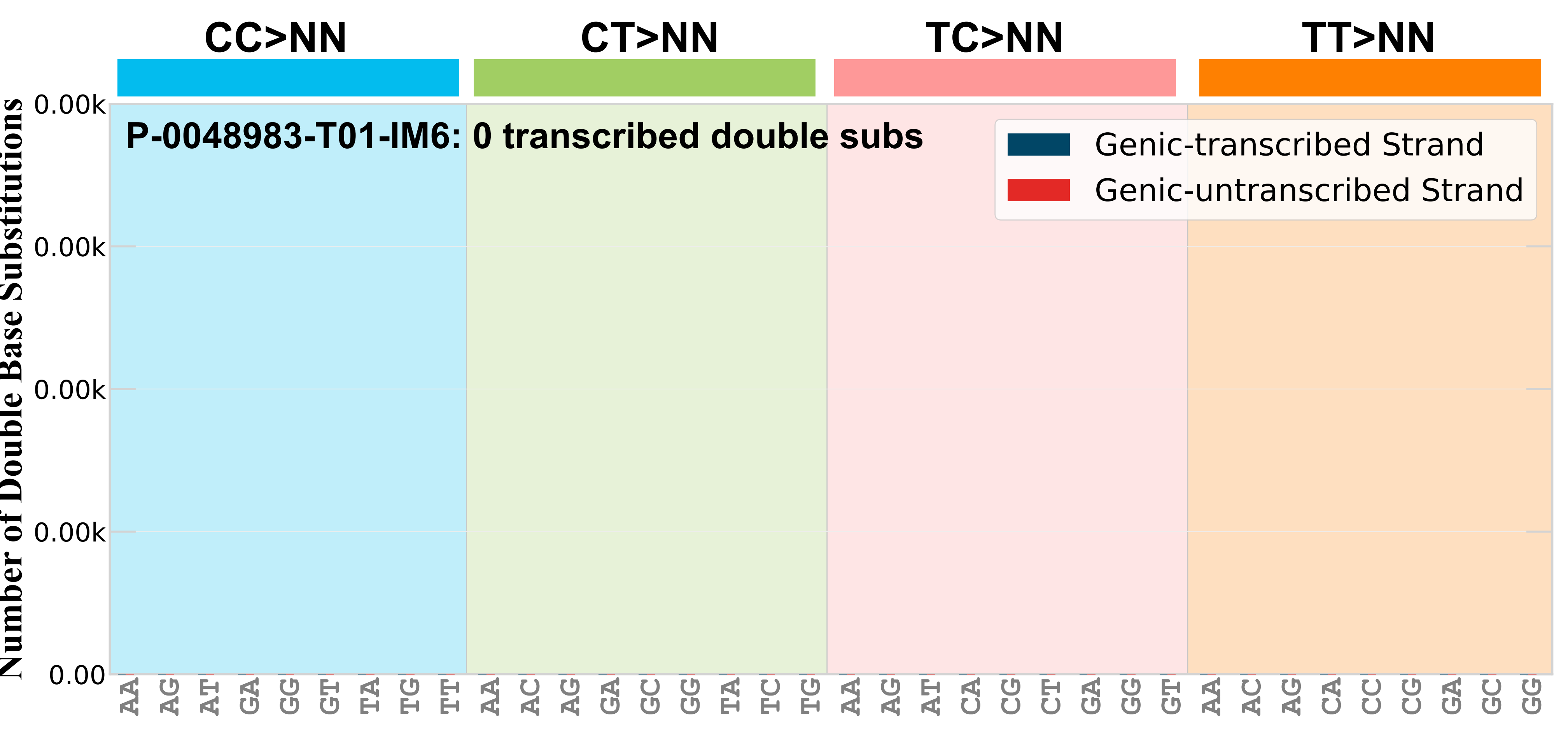


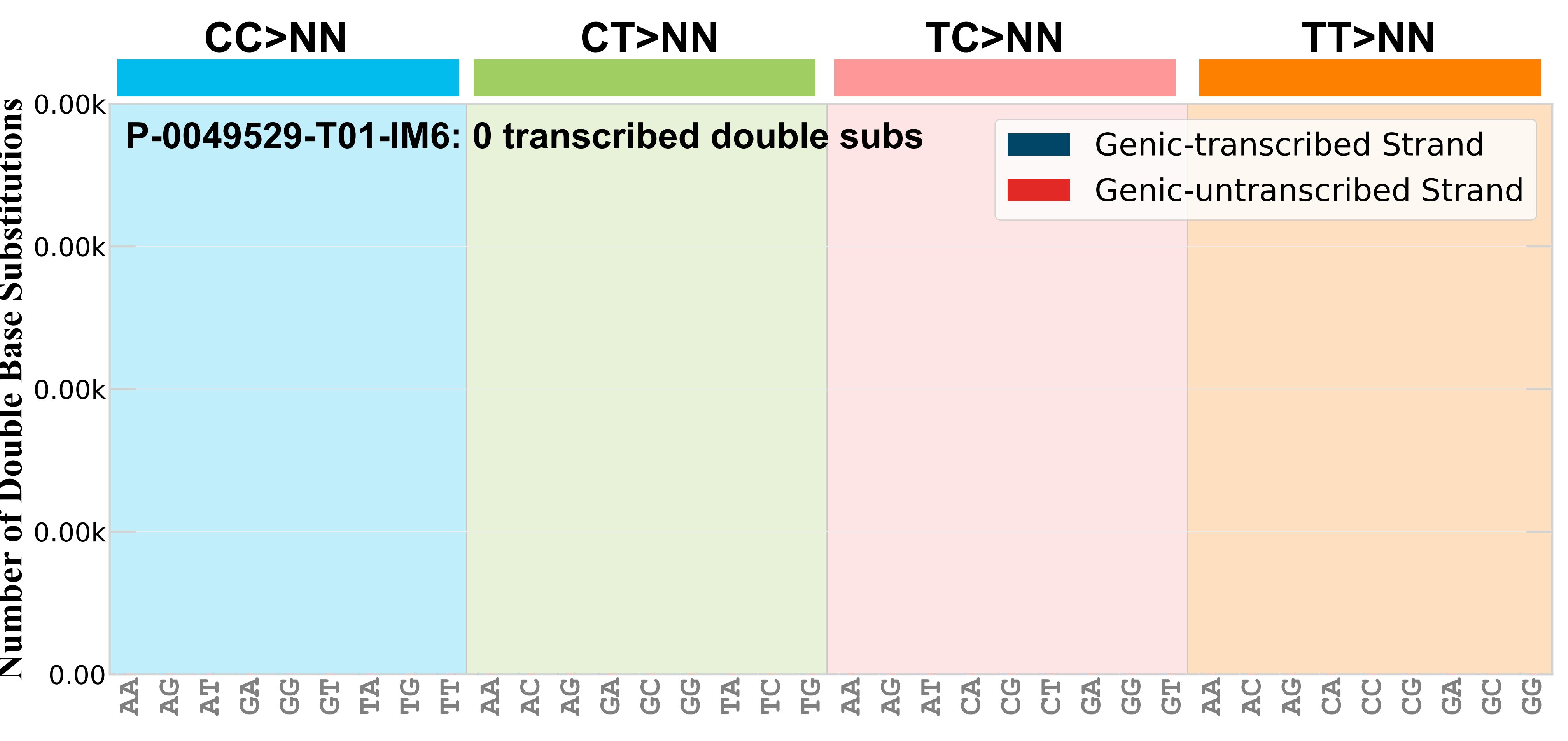




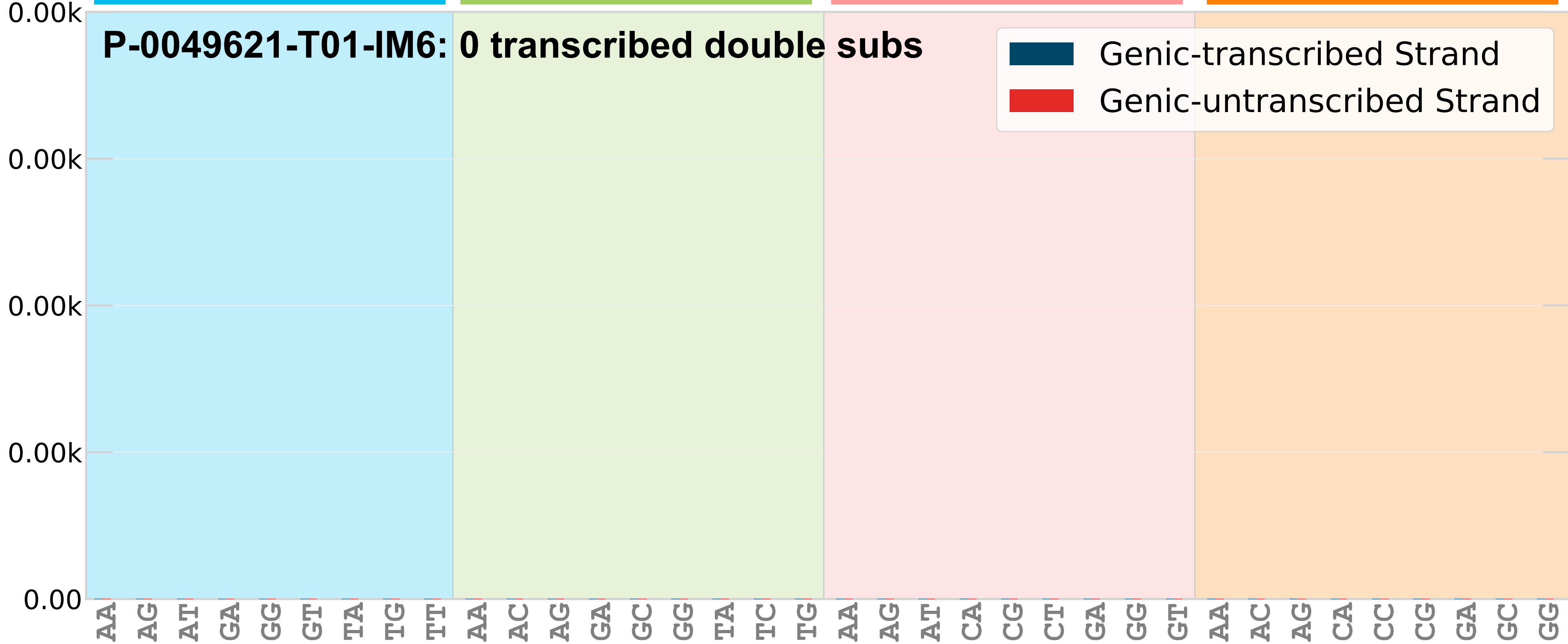
**TT>NN**

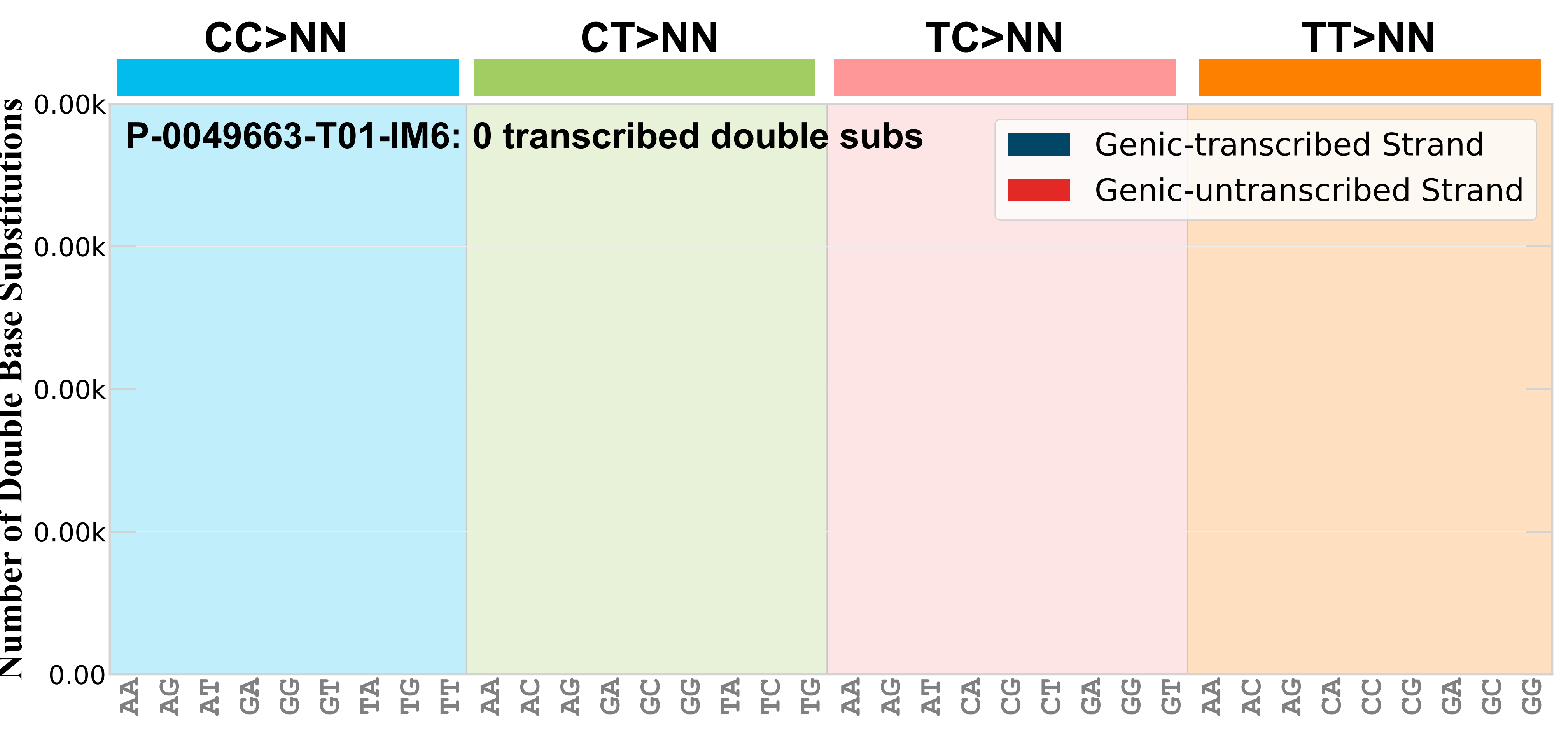






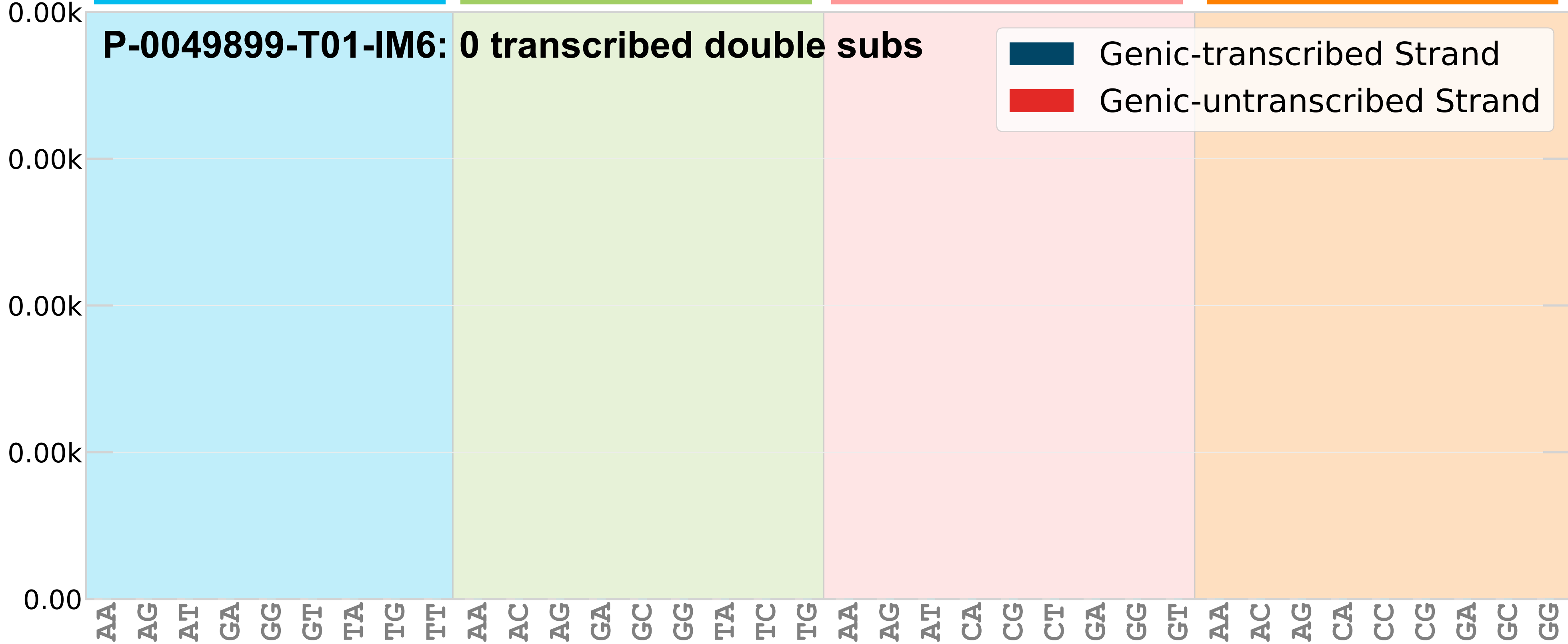
**TT>NN**

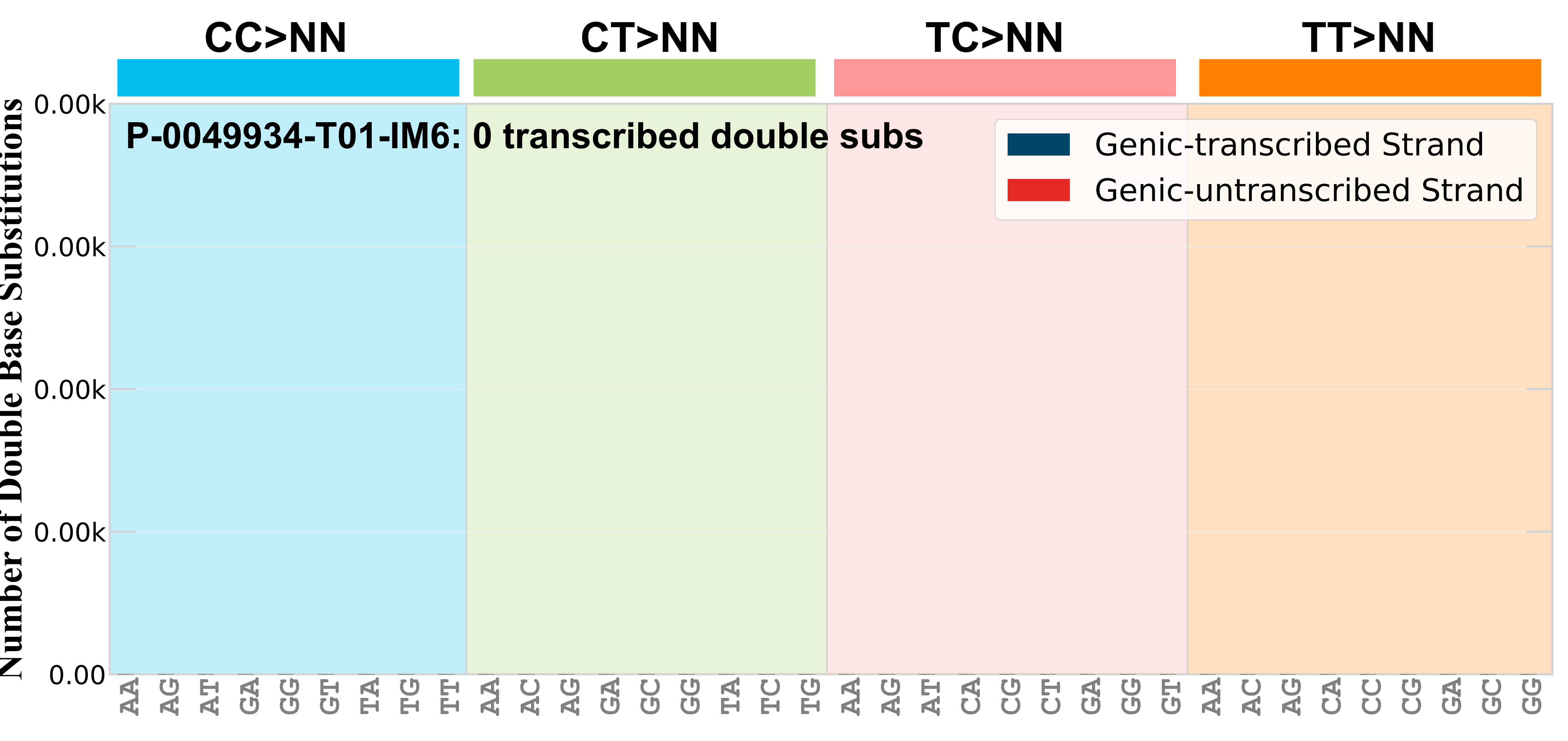


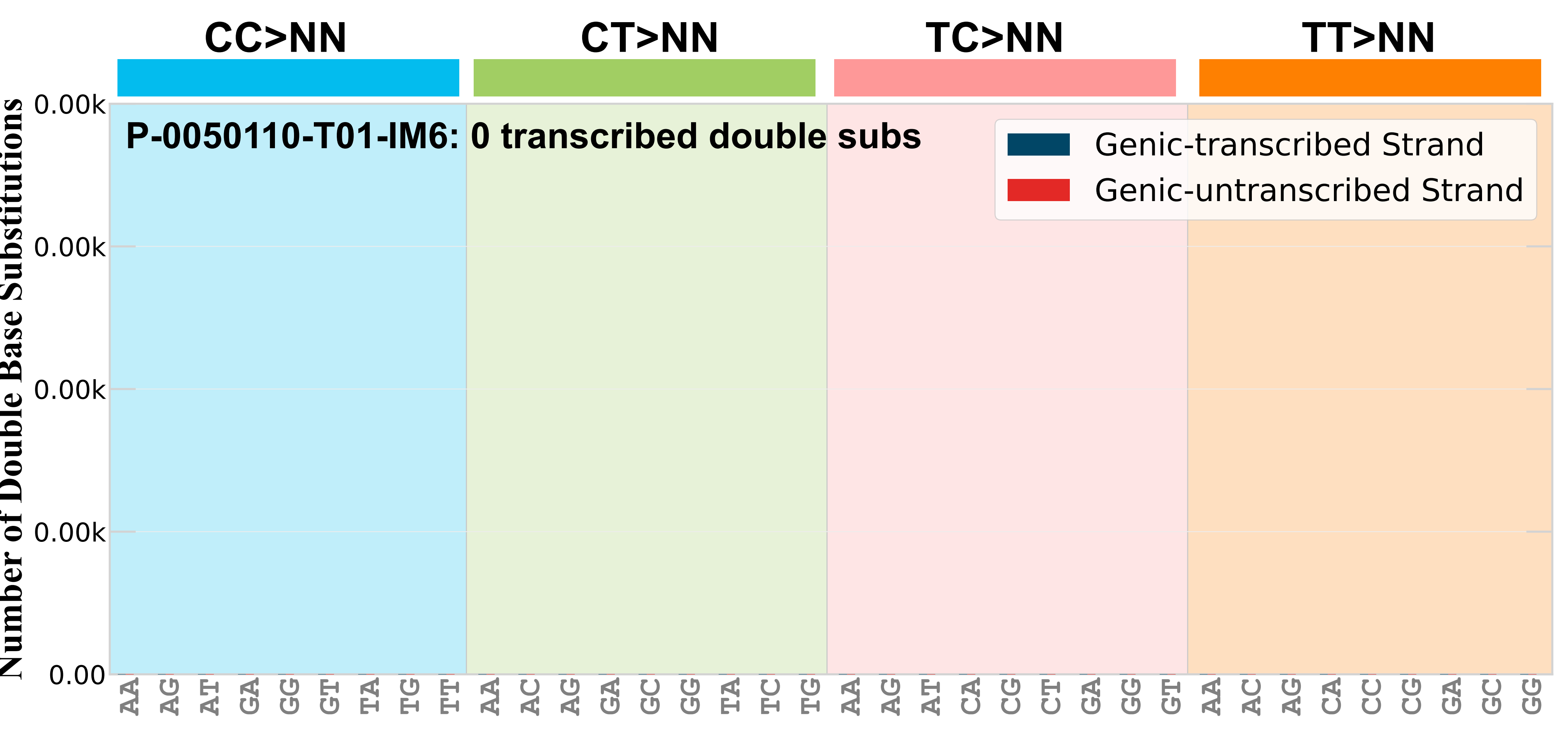




# TT>NN







# TT>NN

