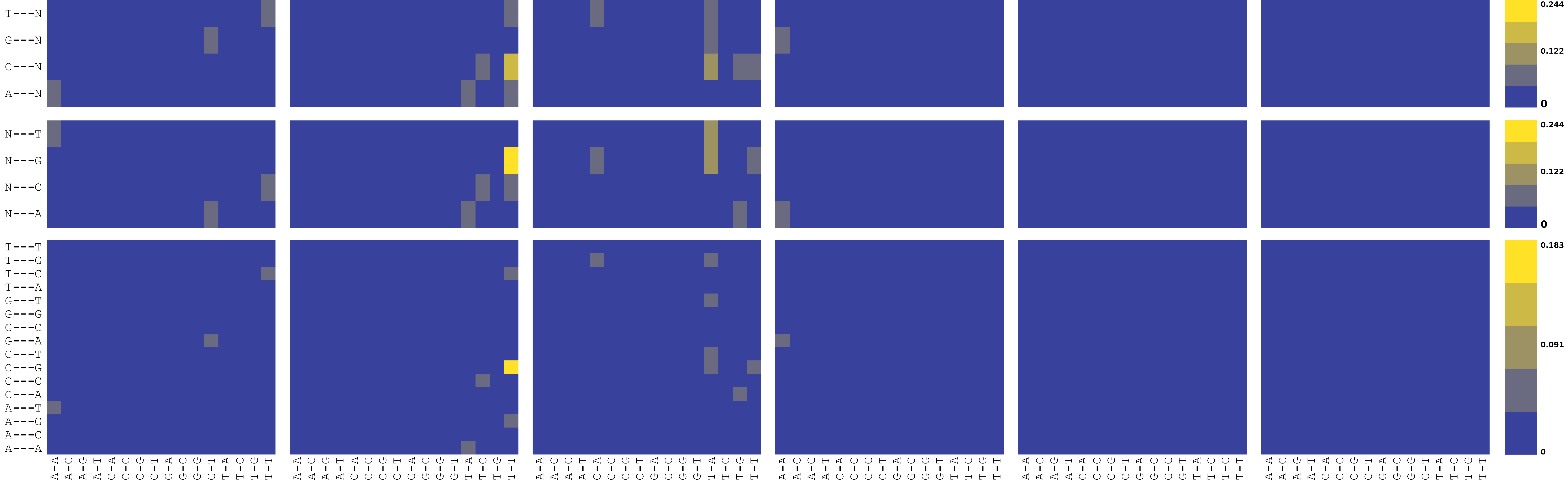


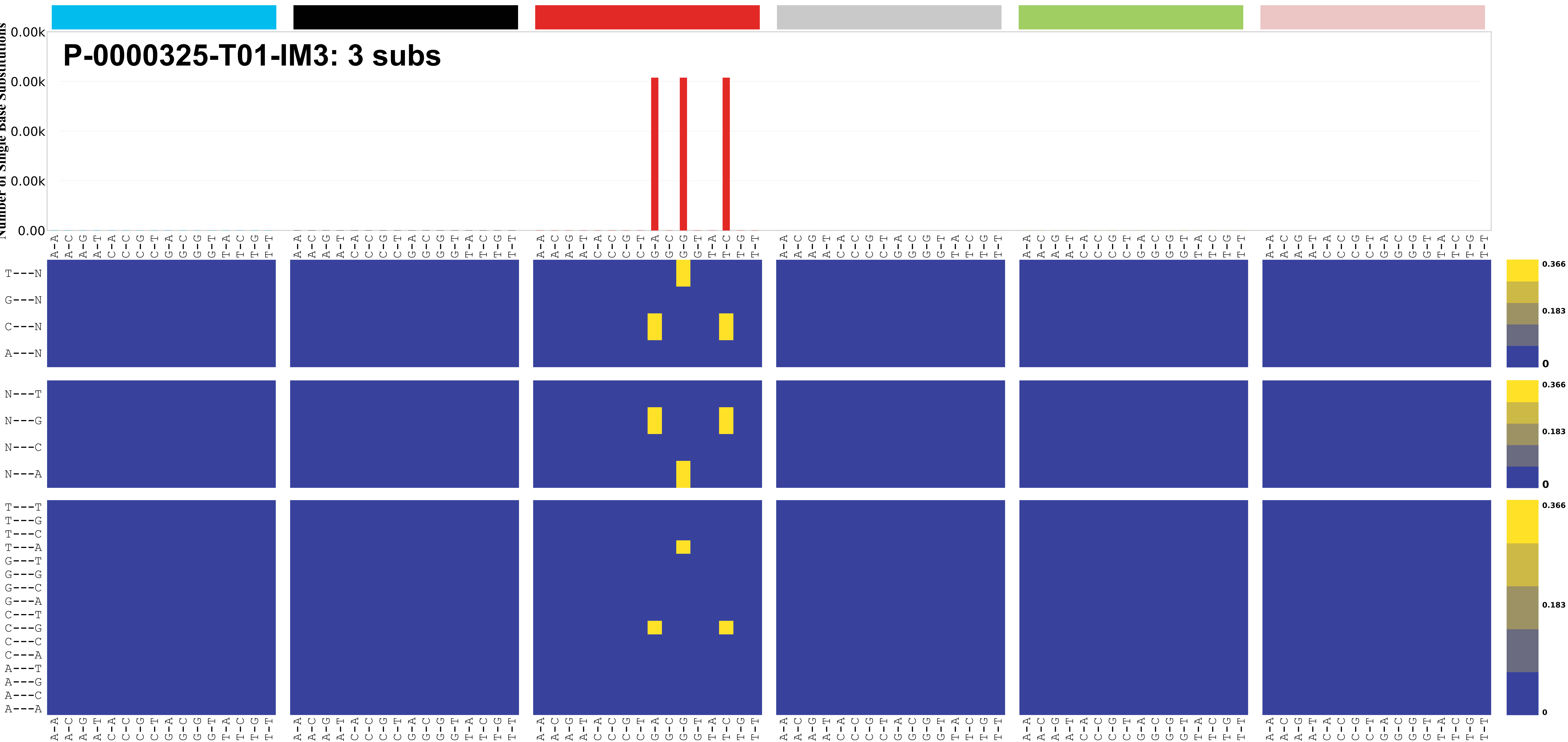
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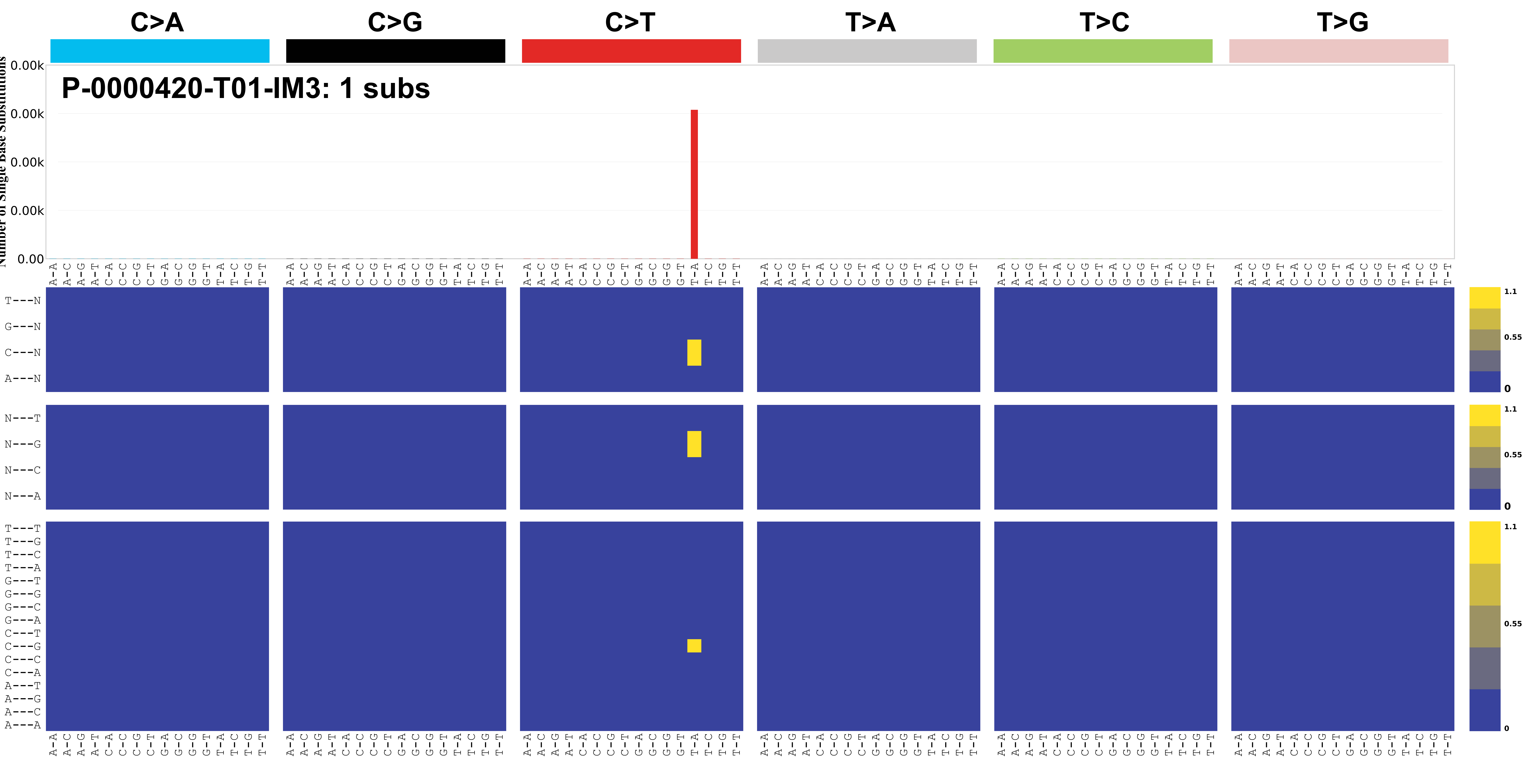
Number of Single Base Substitutions

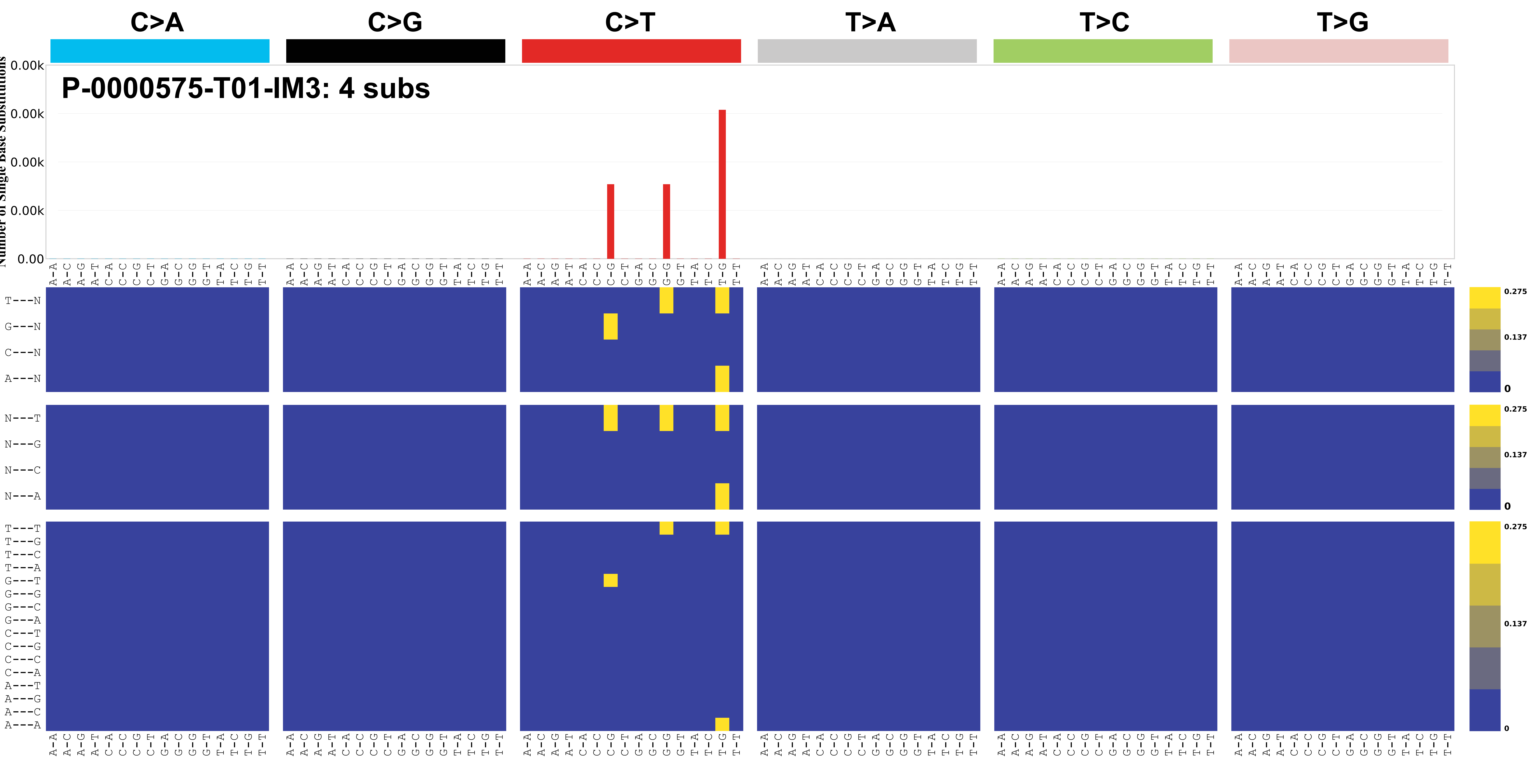


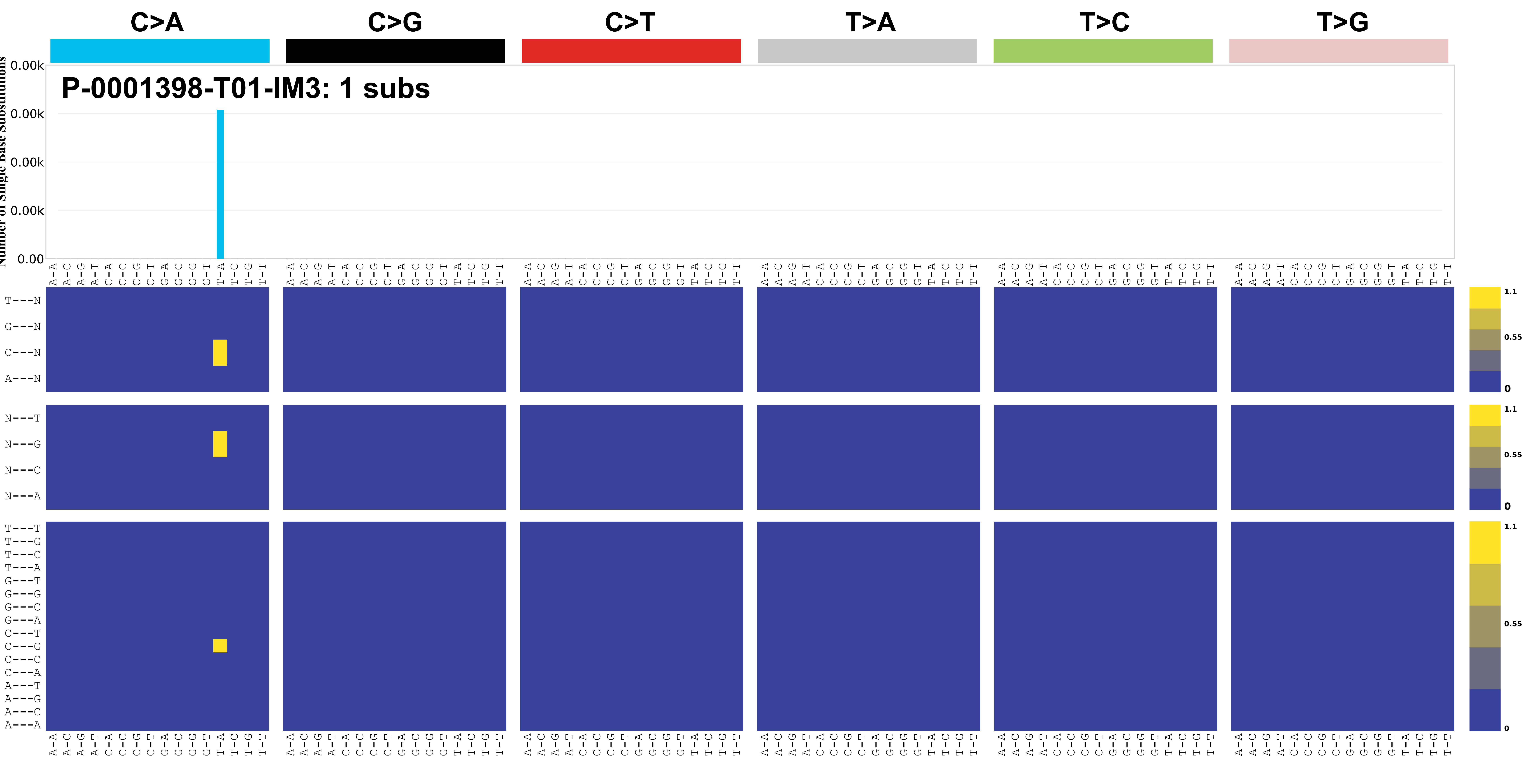
T>G

P-0000325-T01-IM3: 3 subs

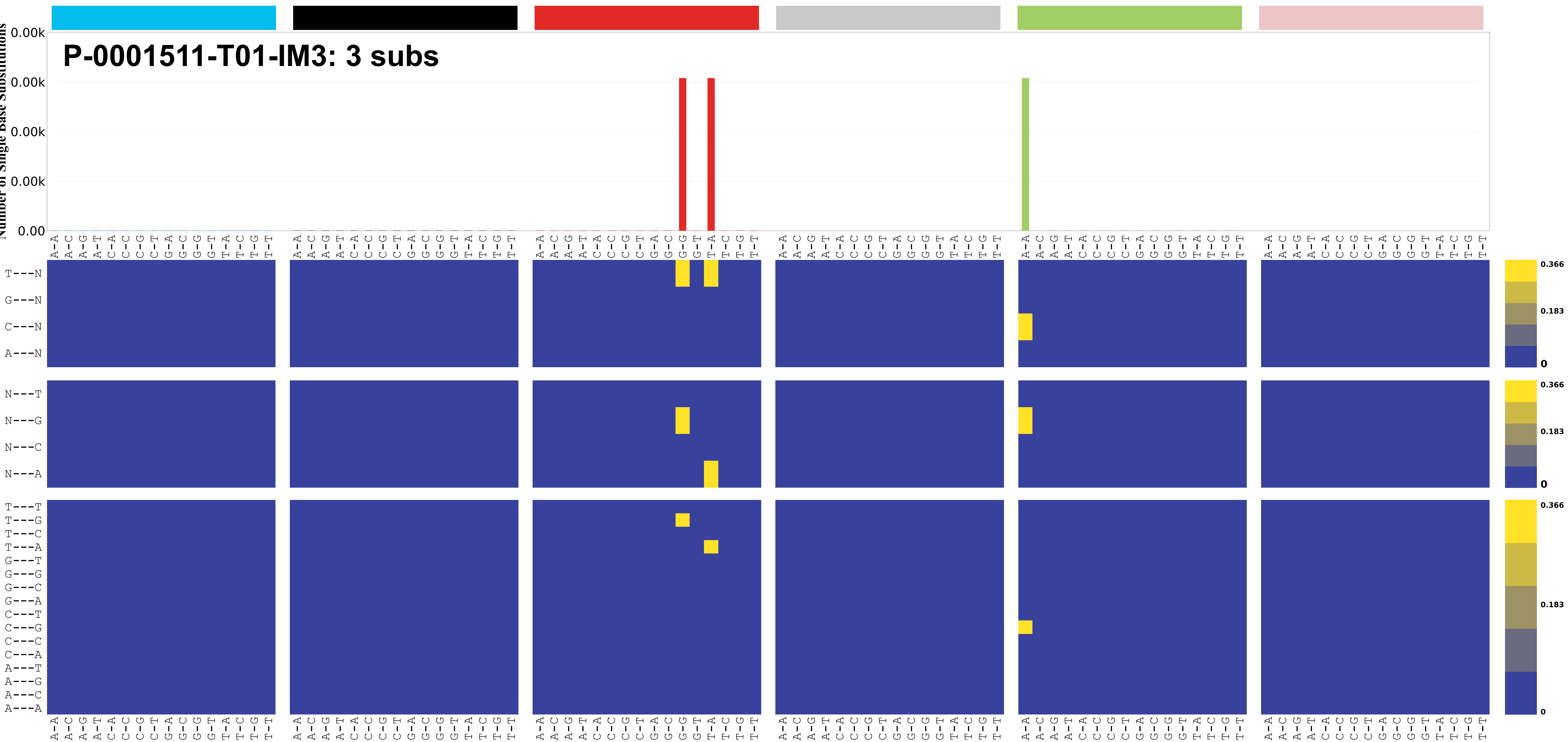


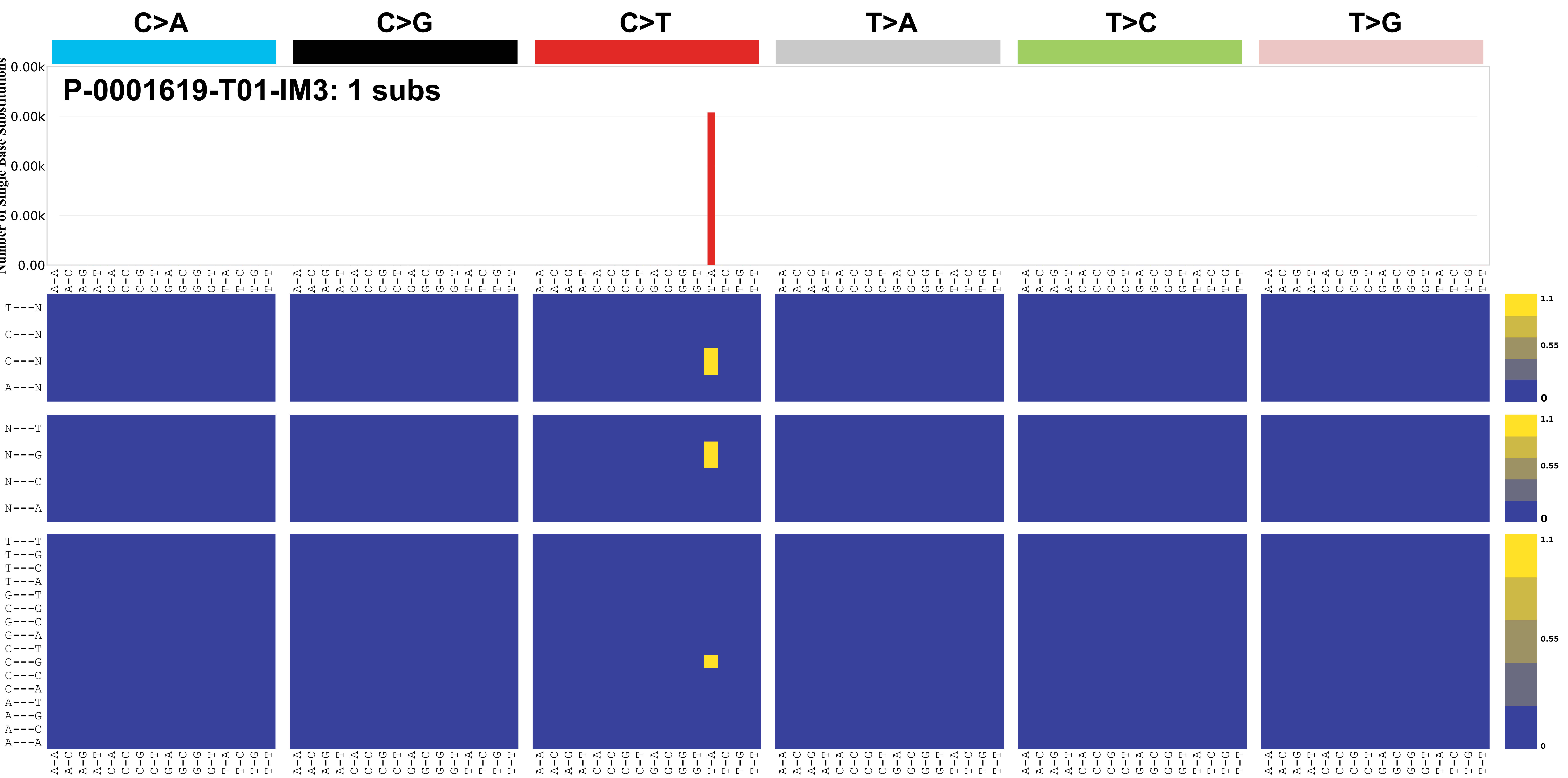


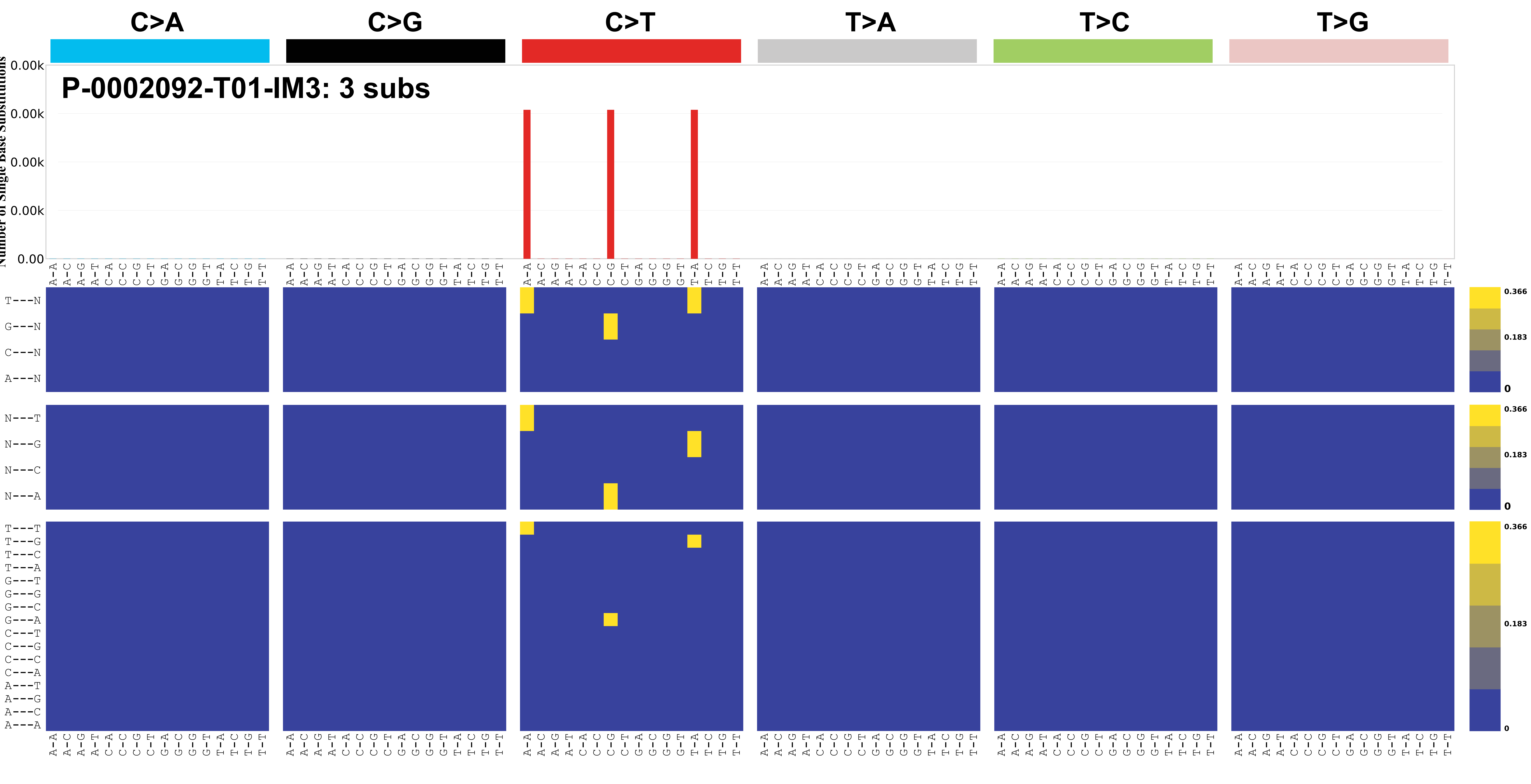


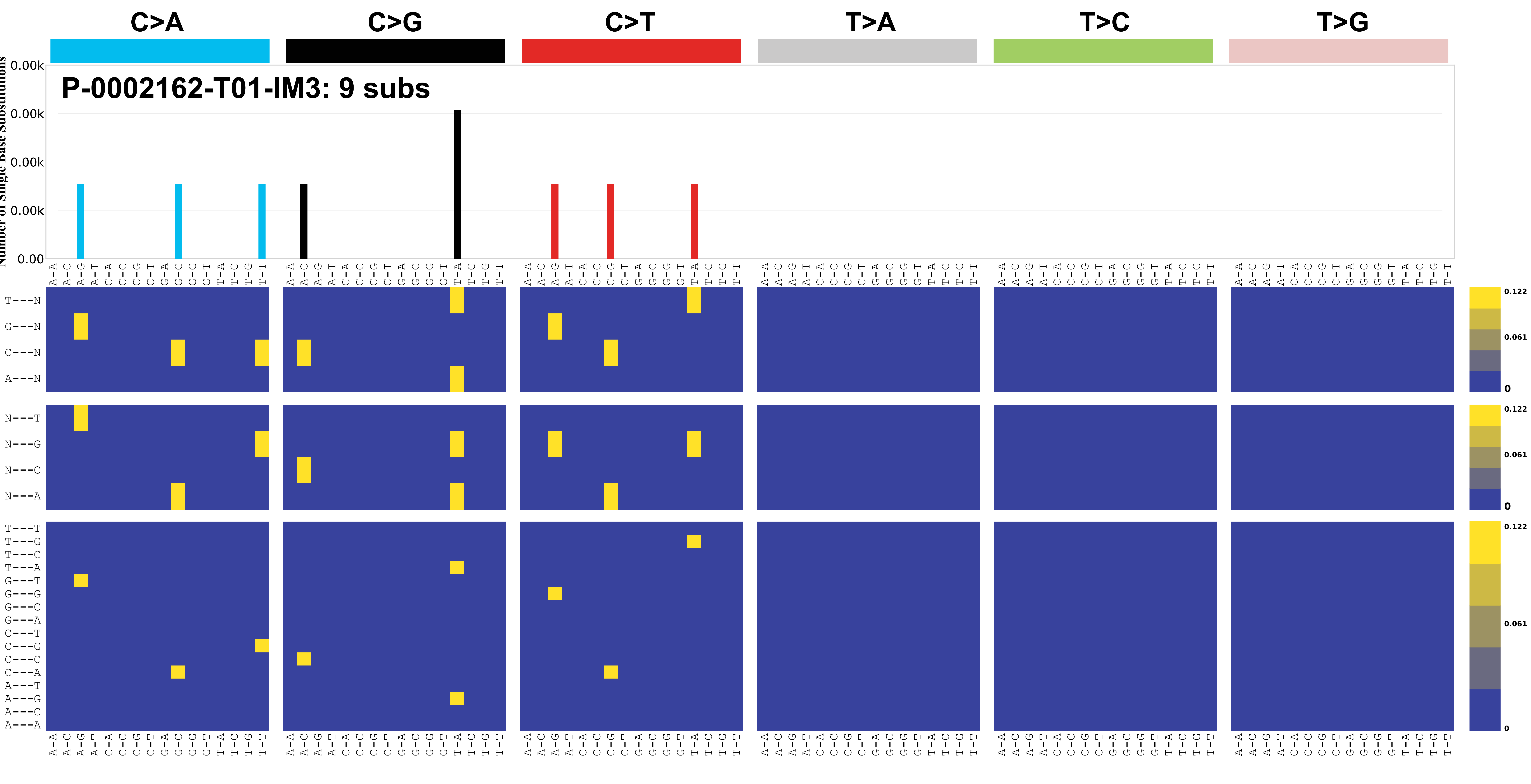


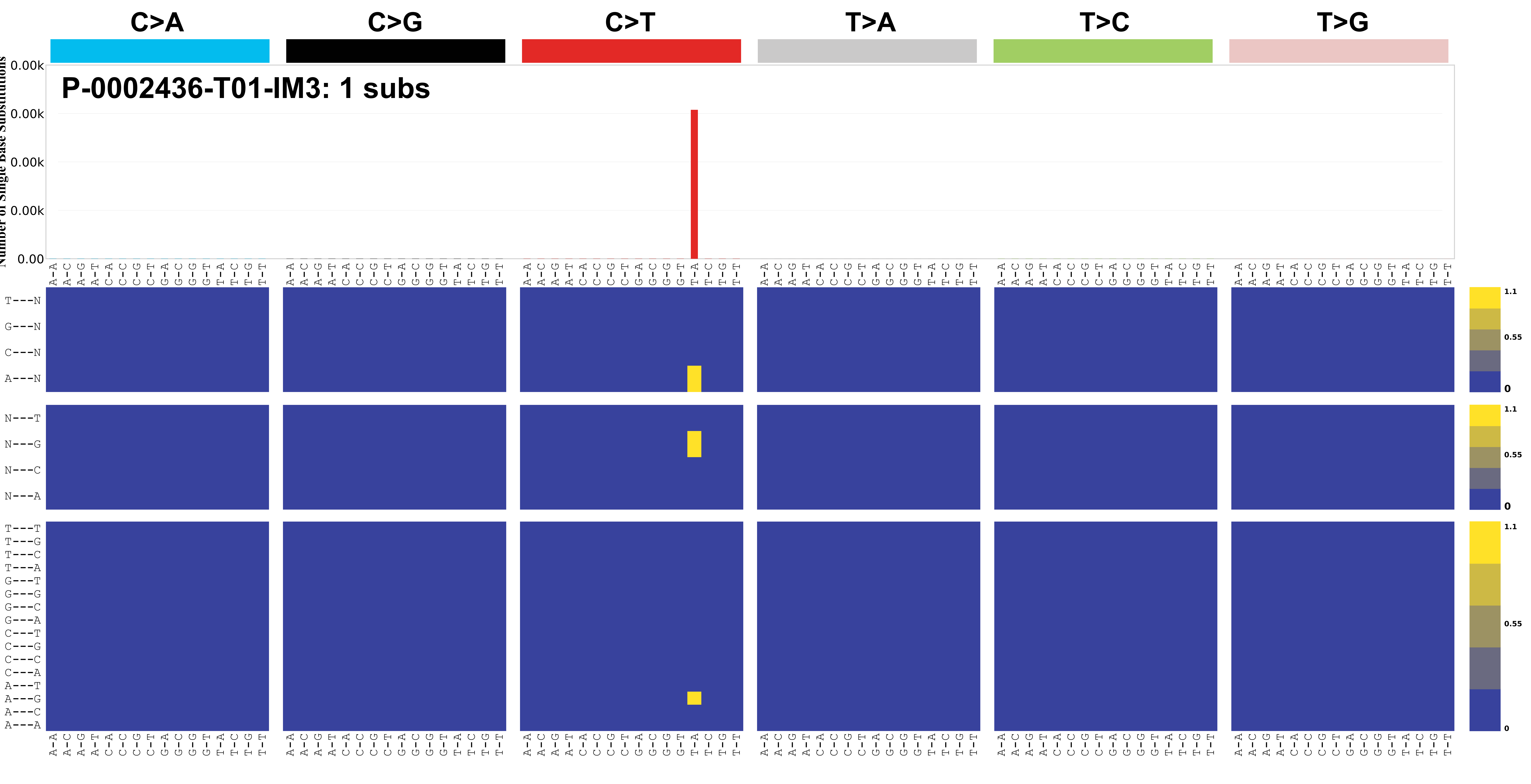
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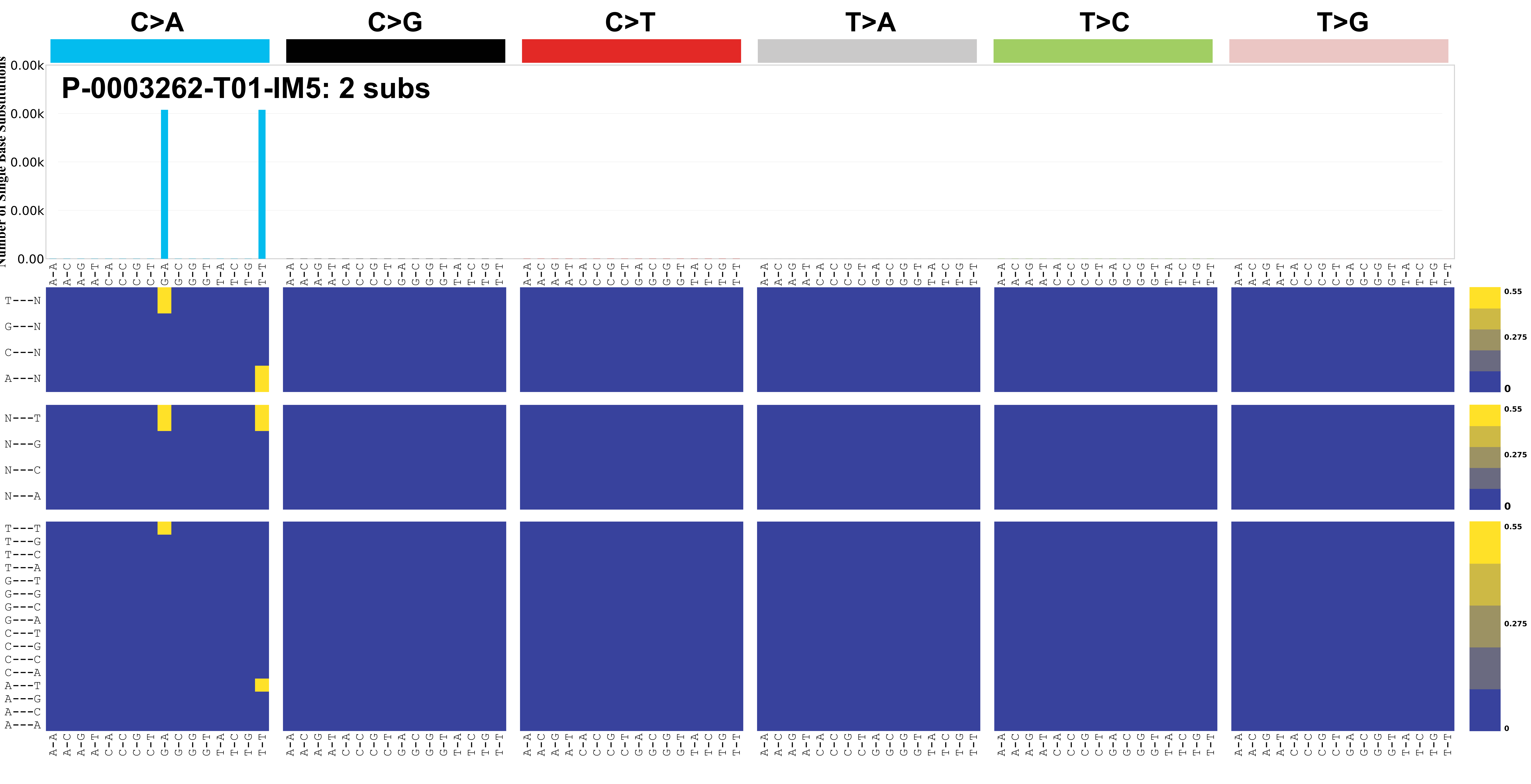


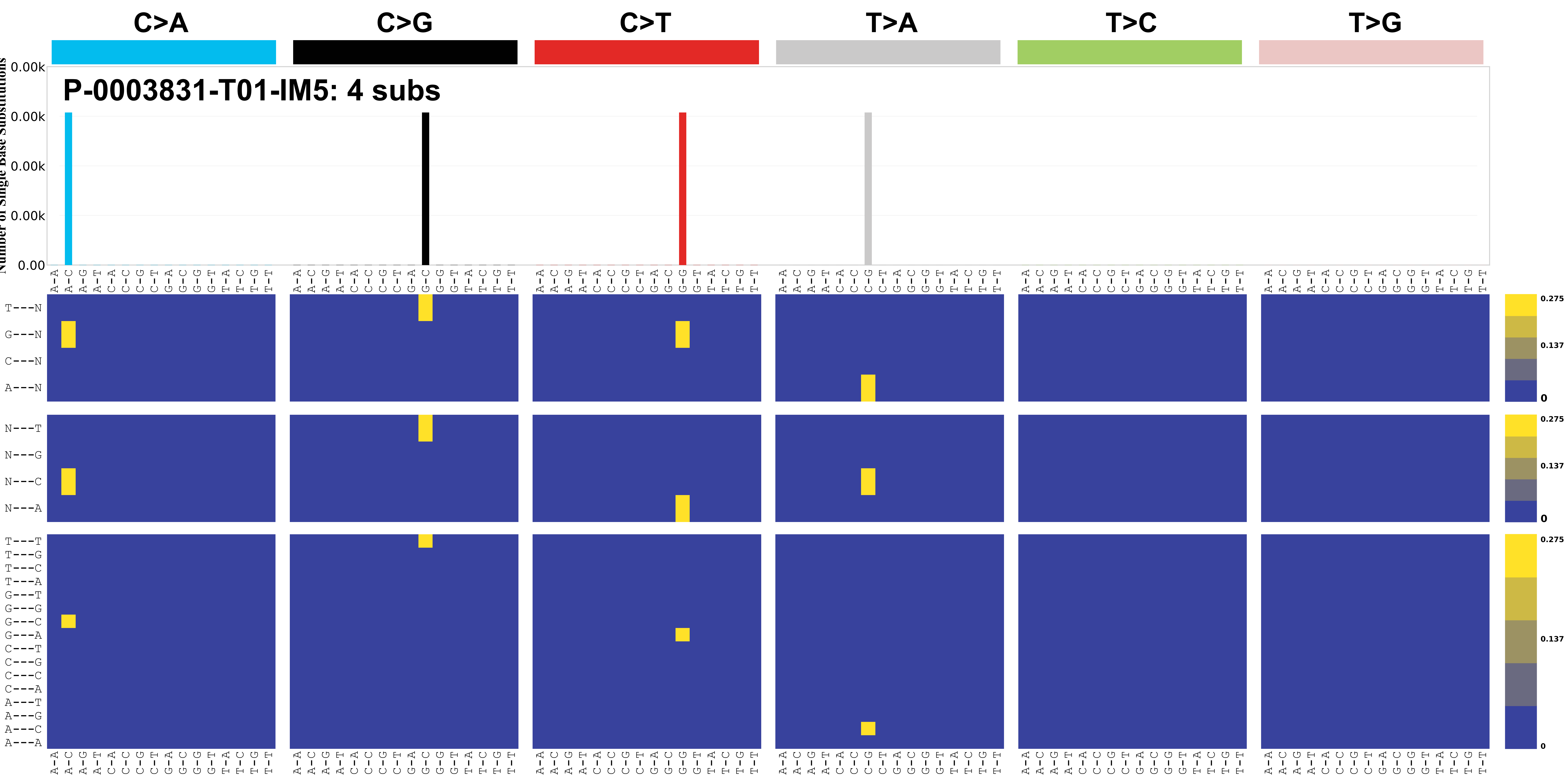


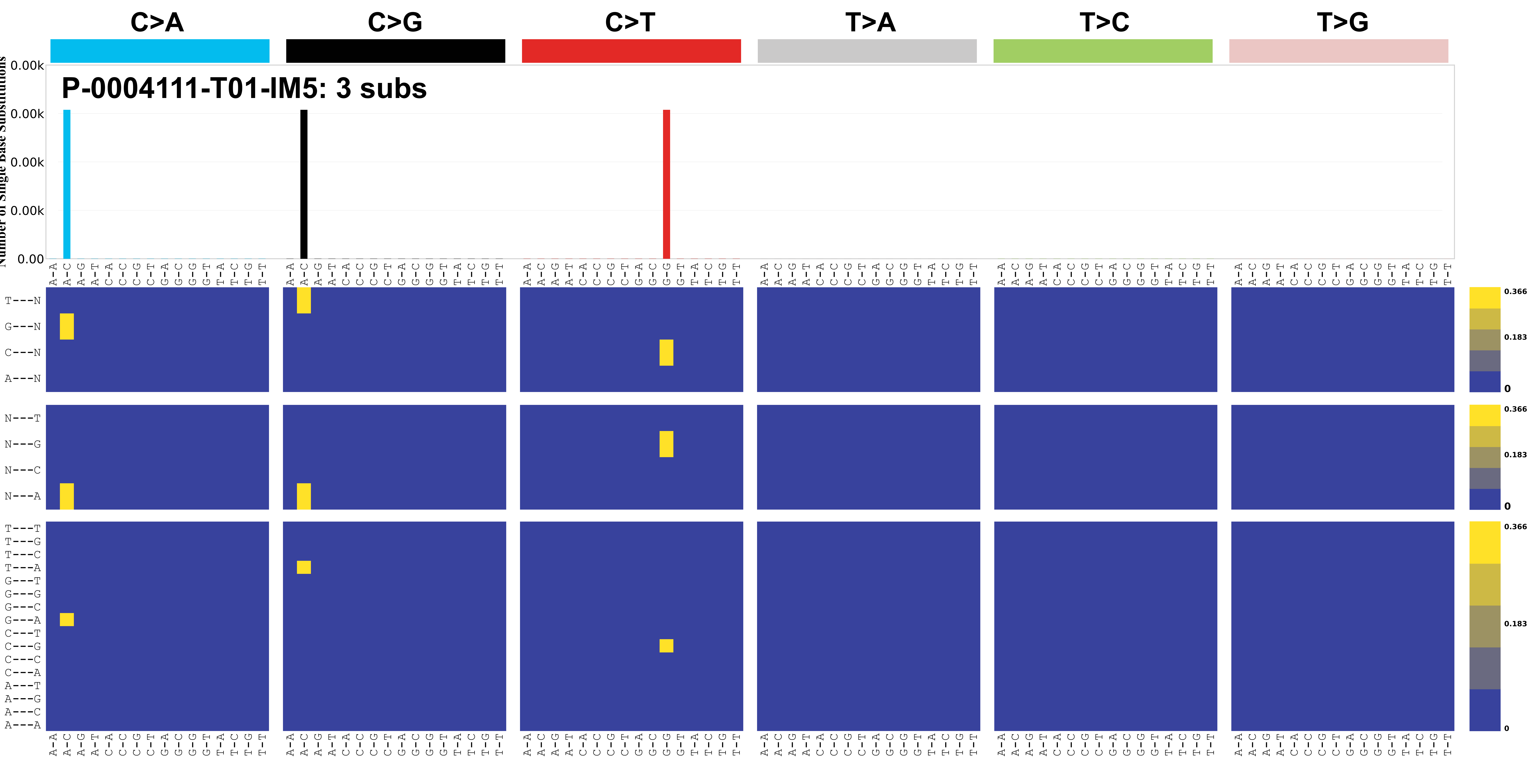


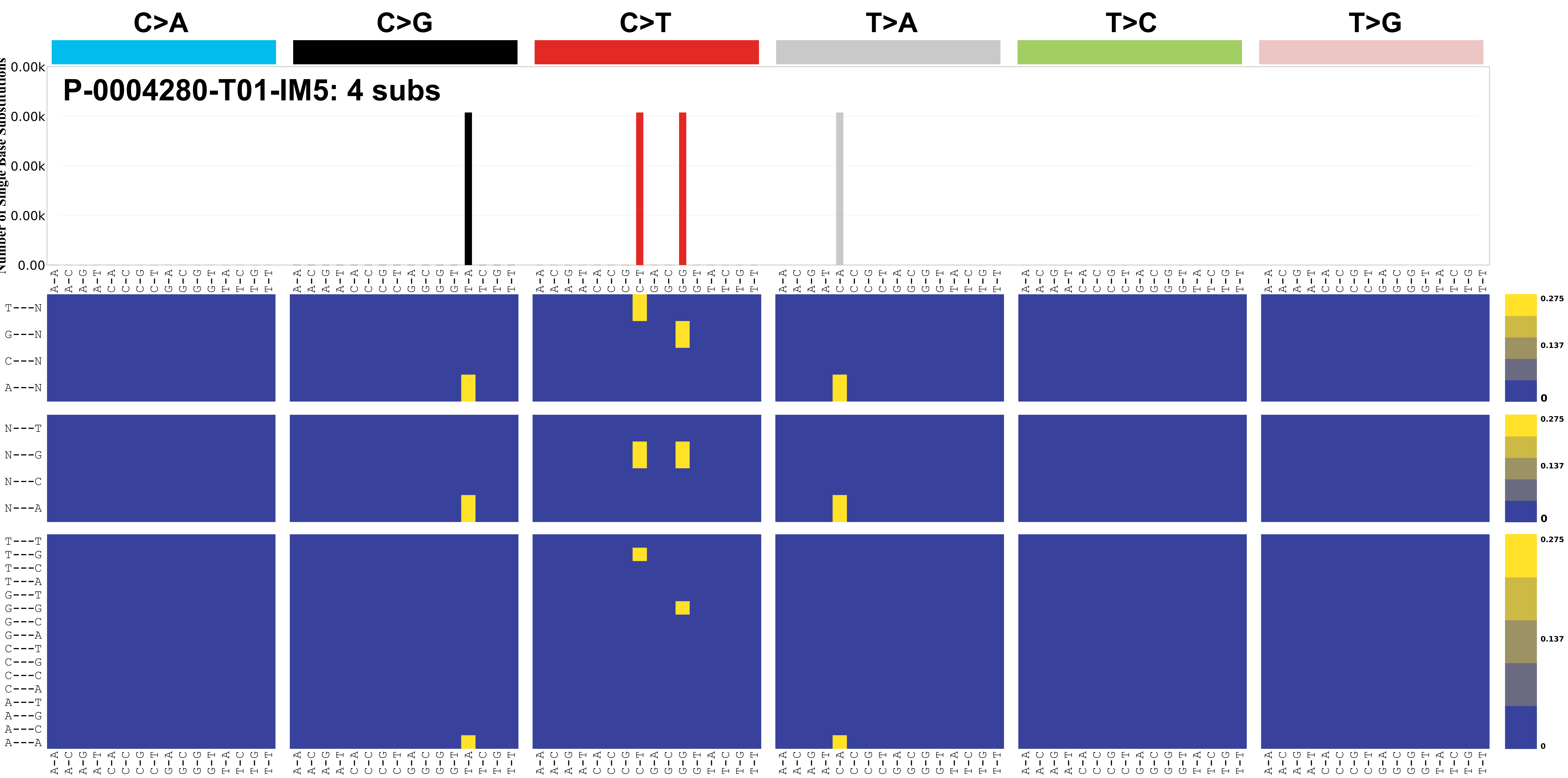


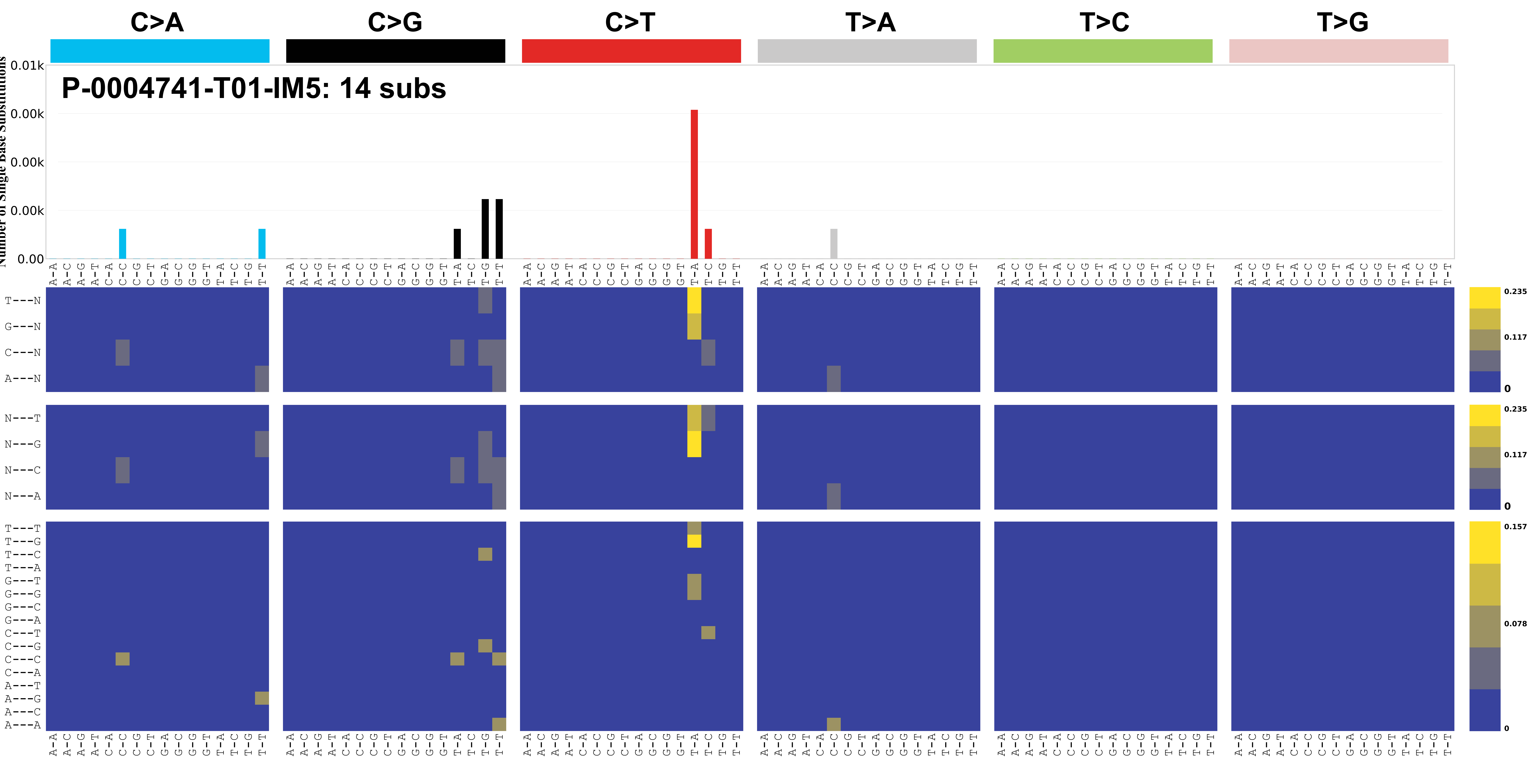


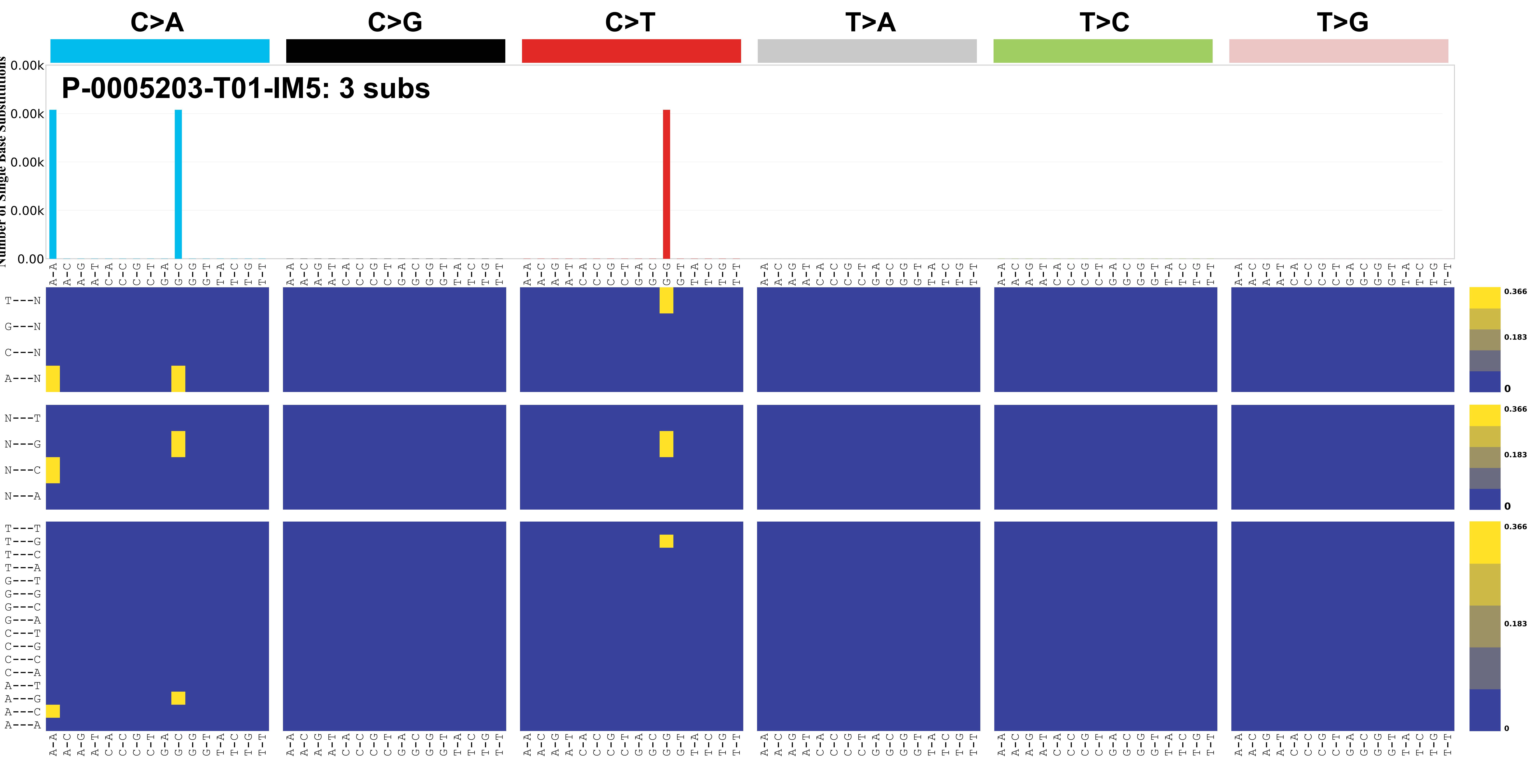


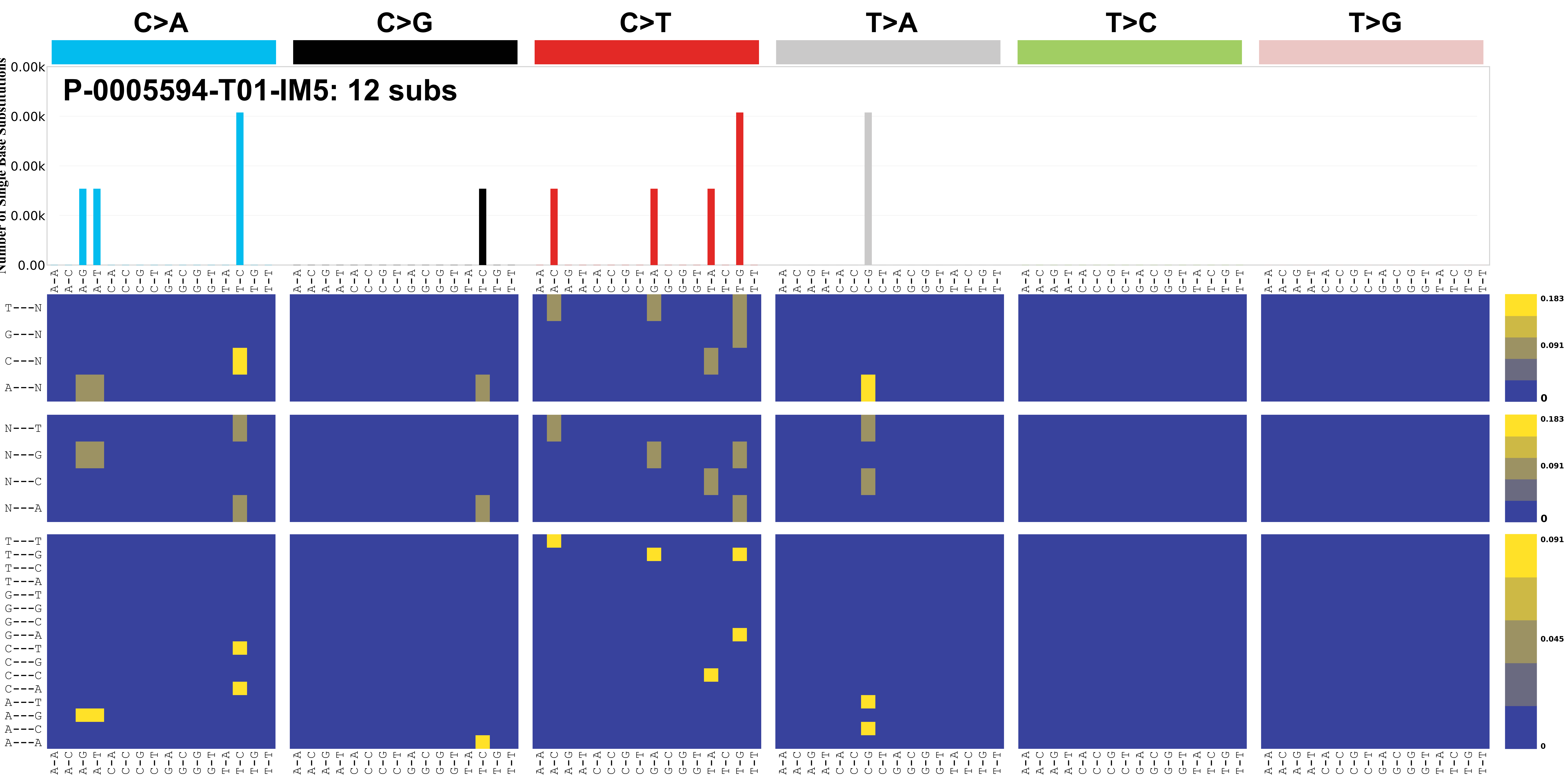


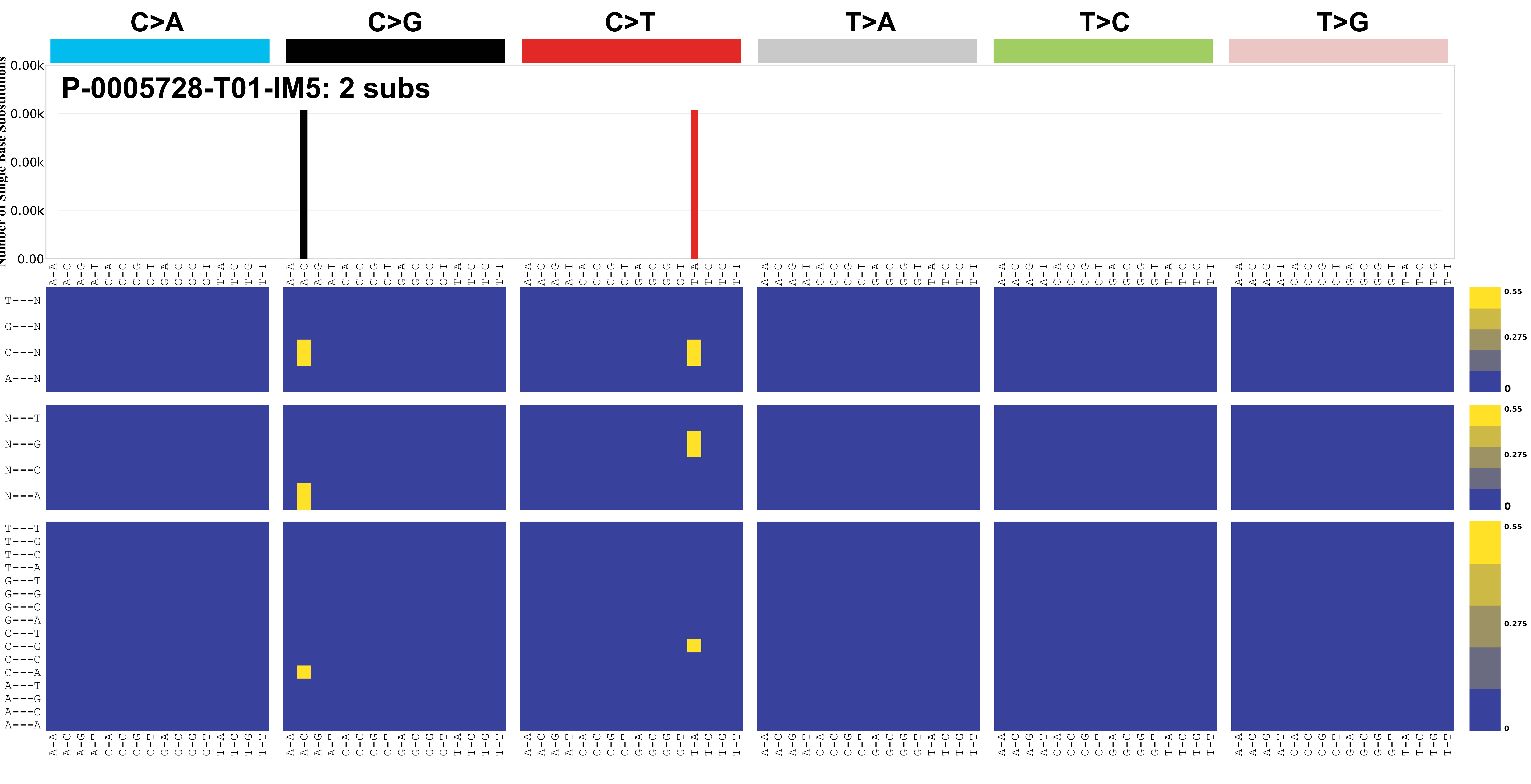


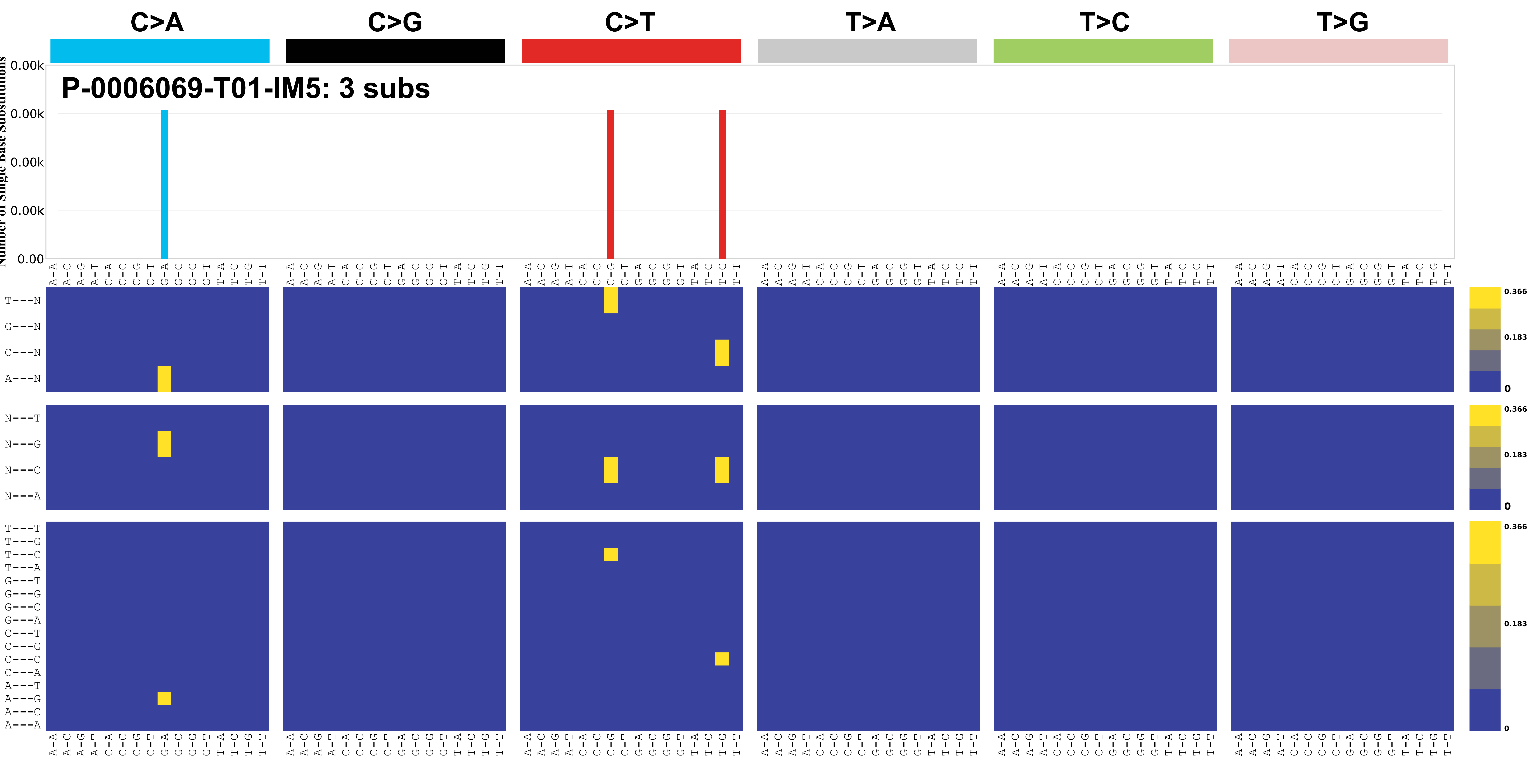


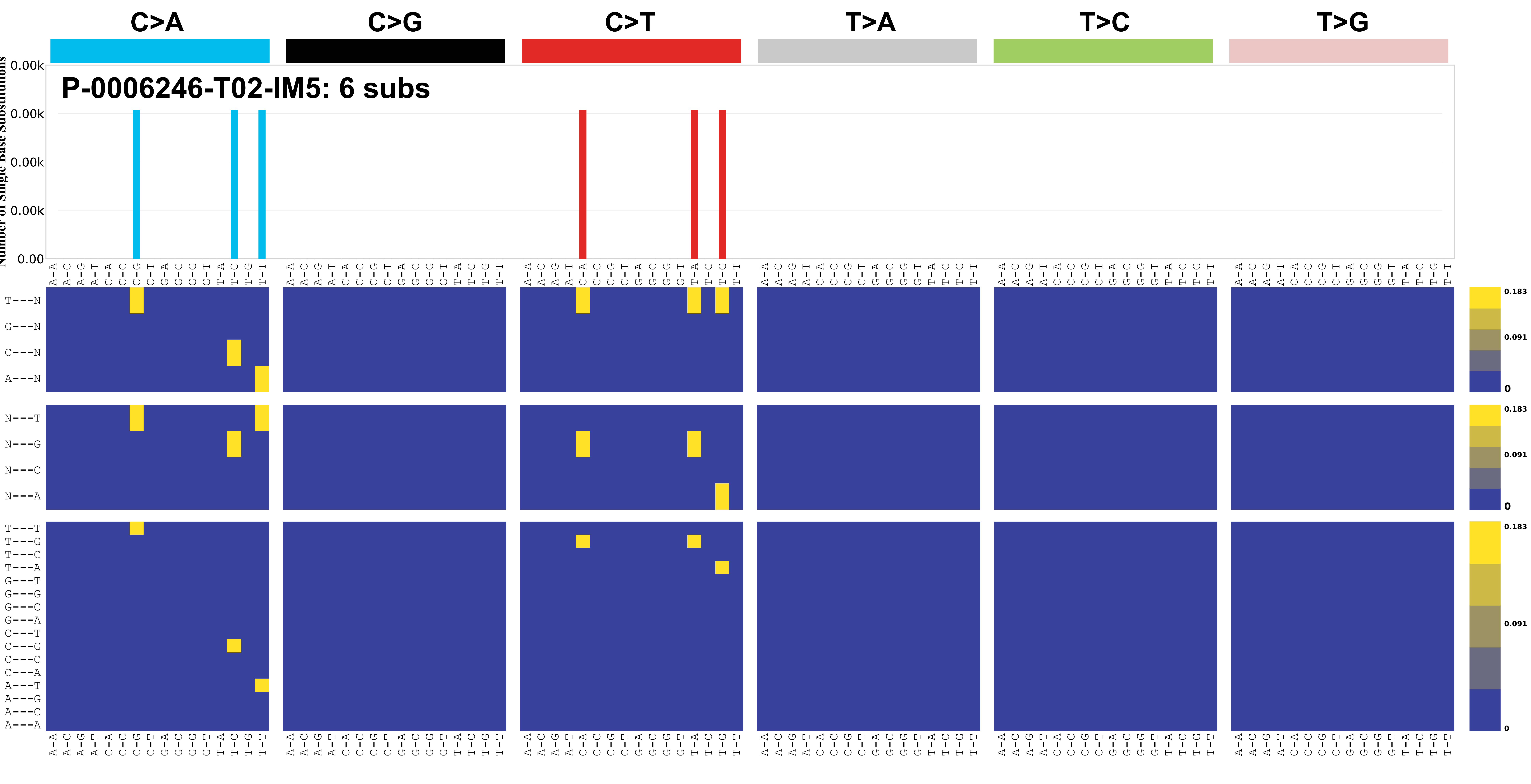


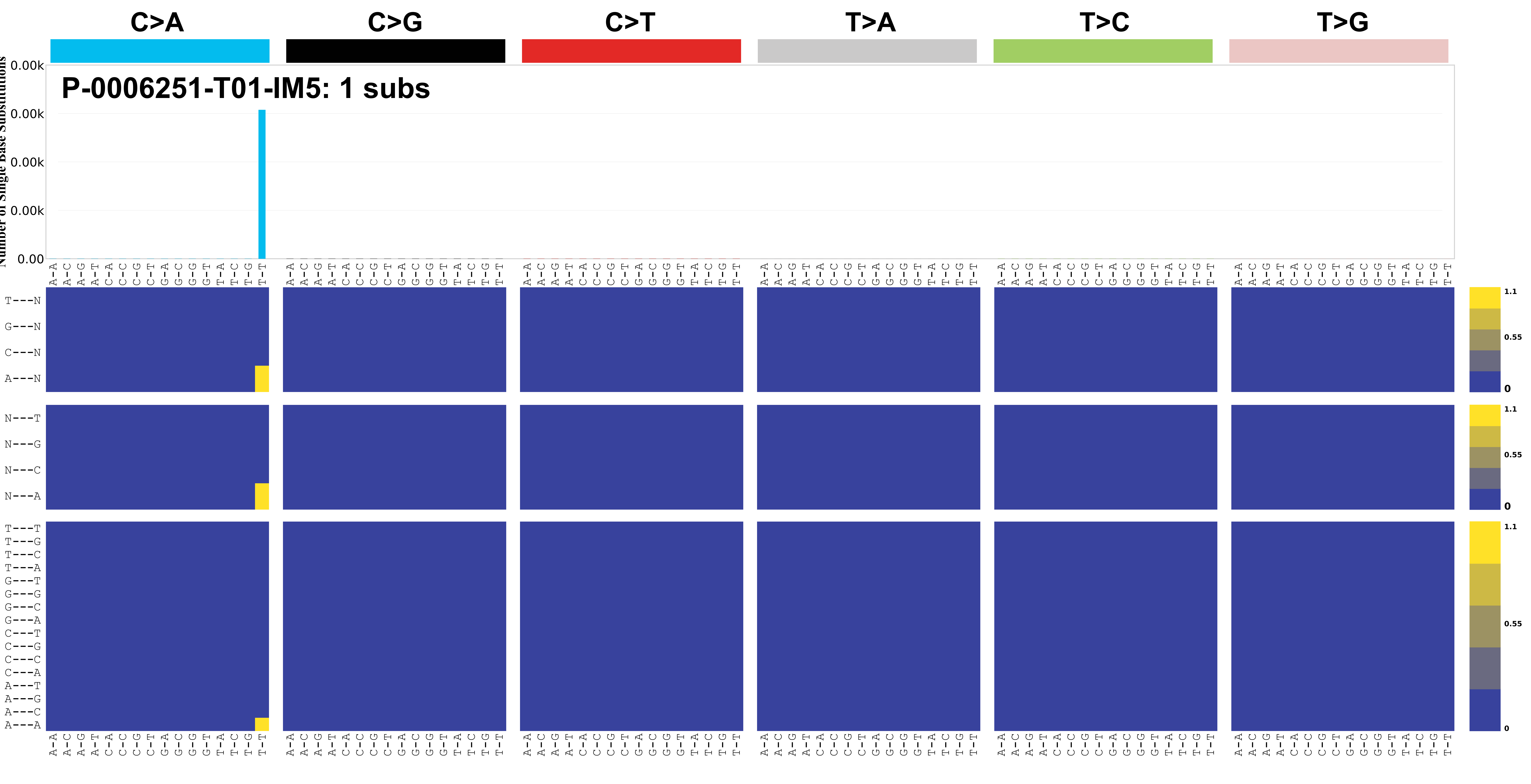


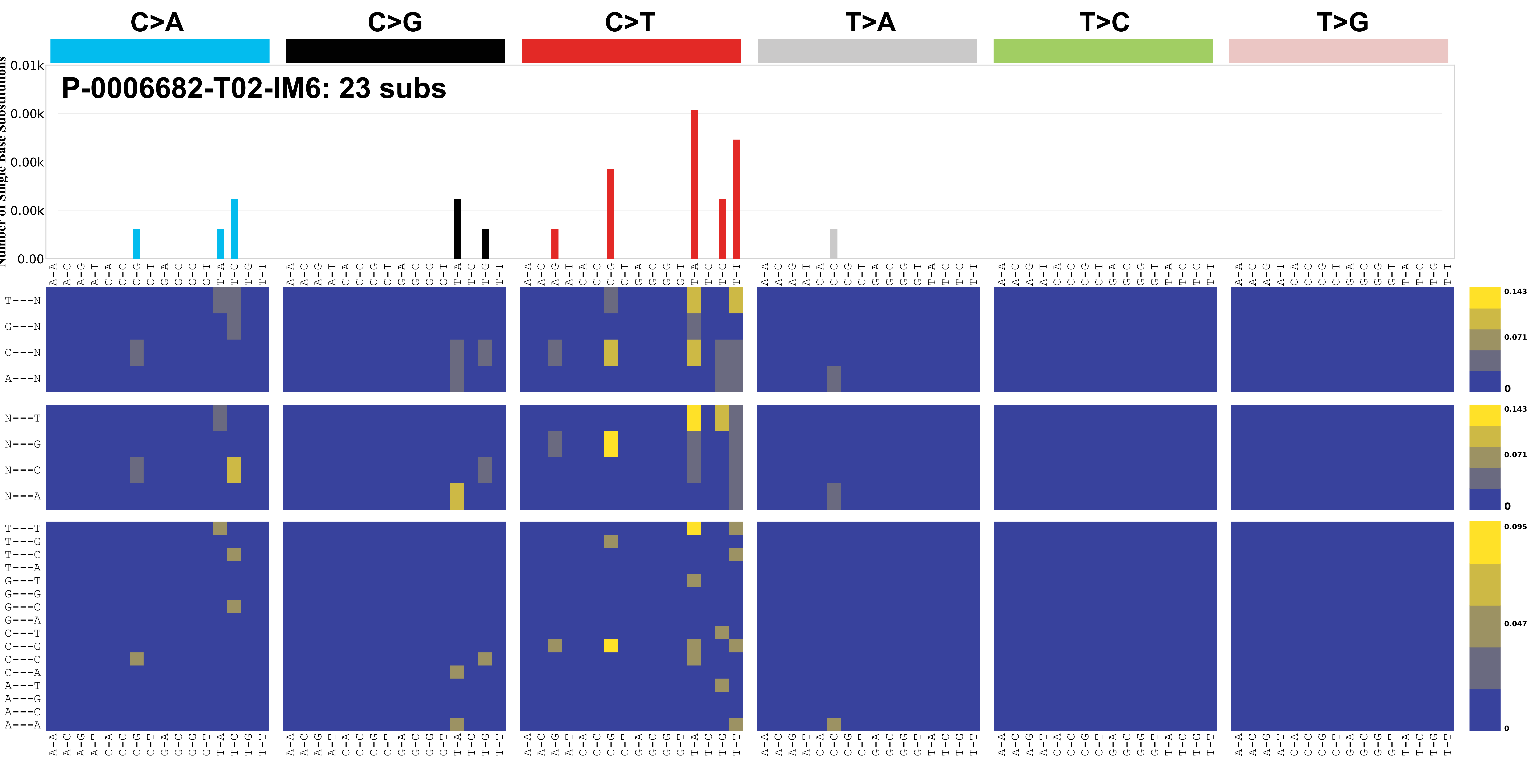


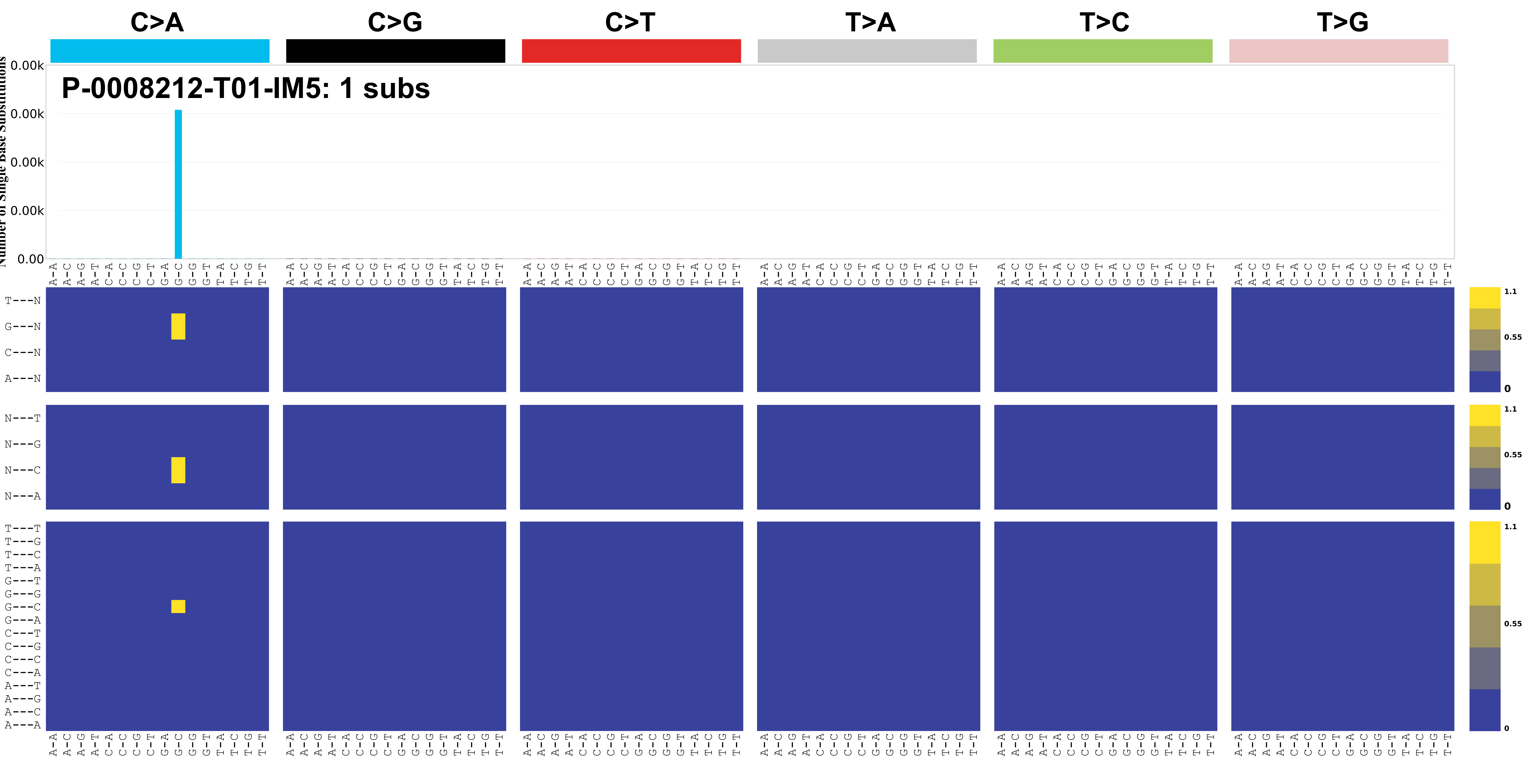


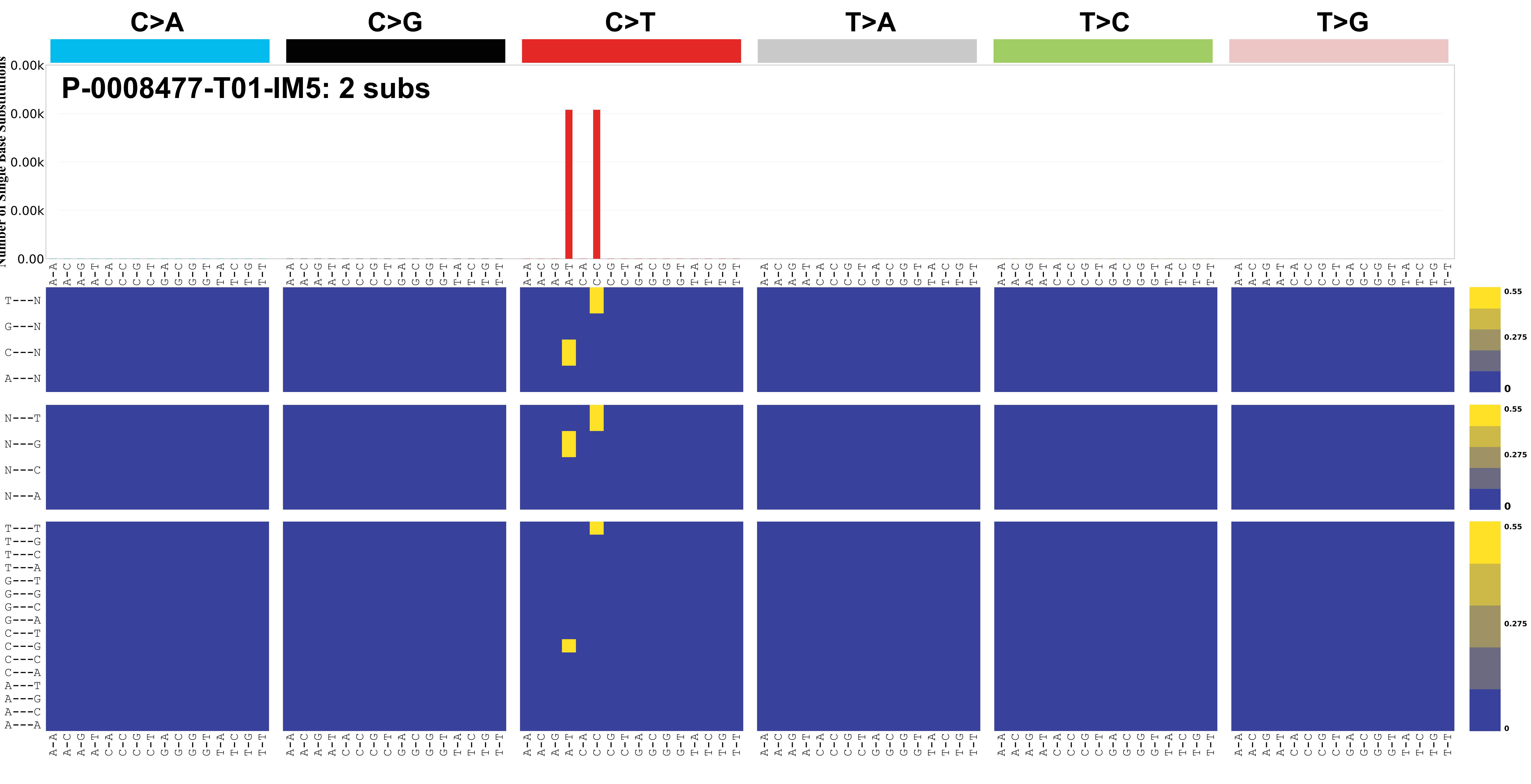


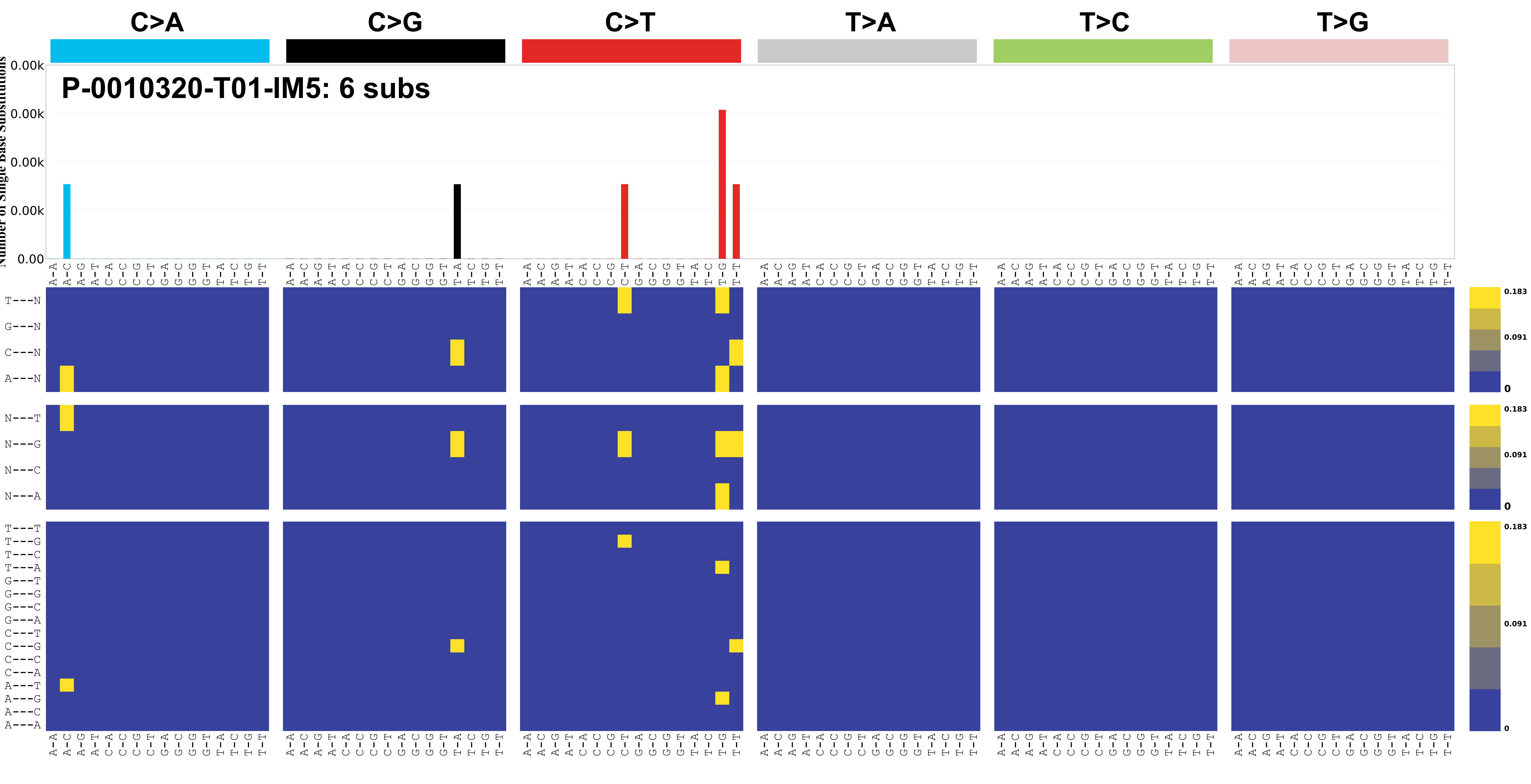


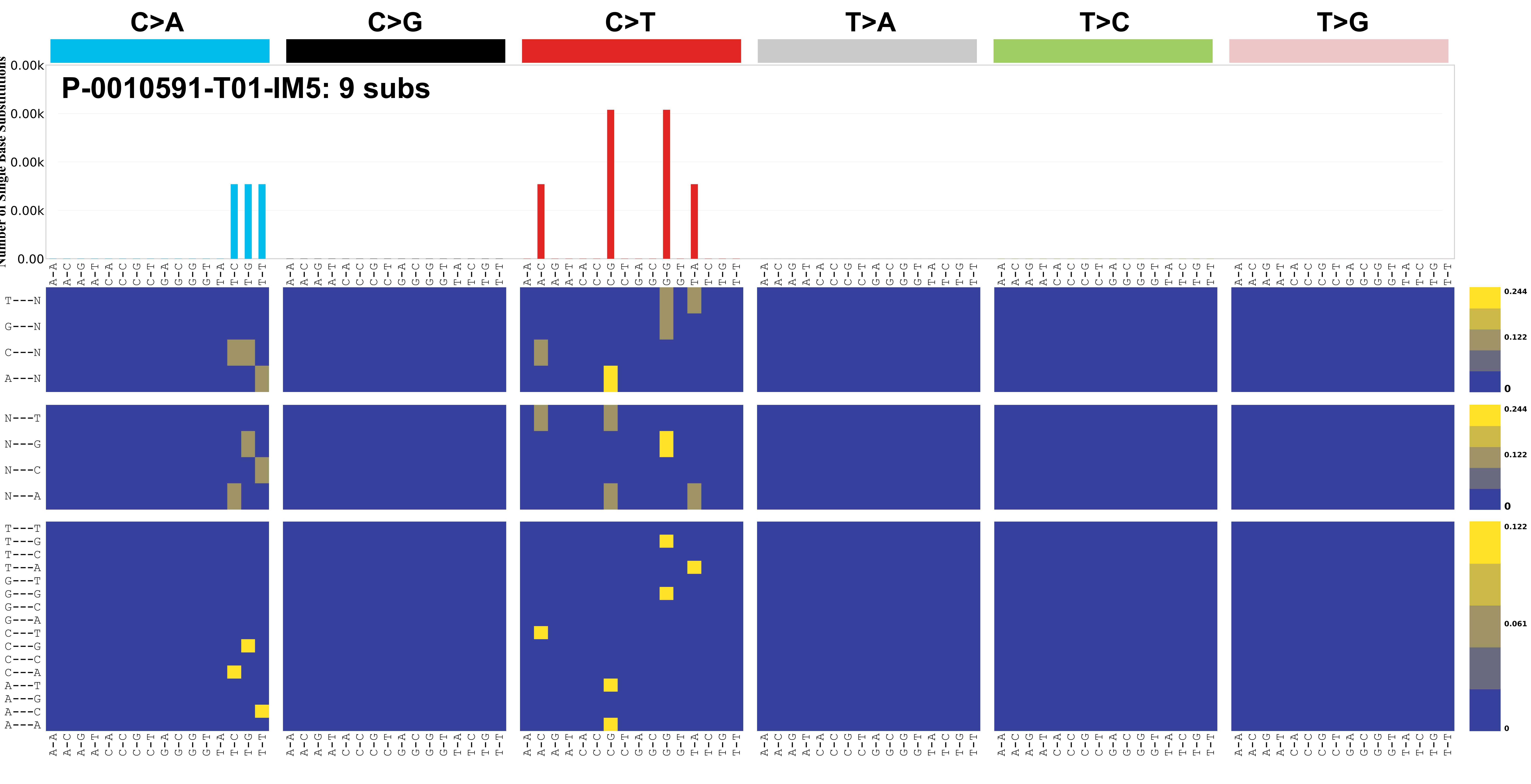


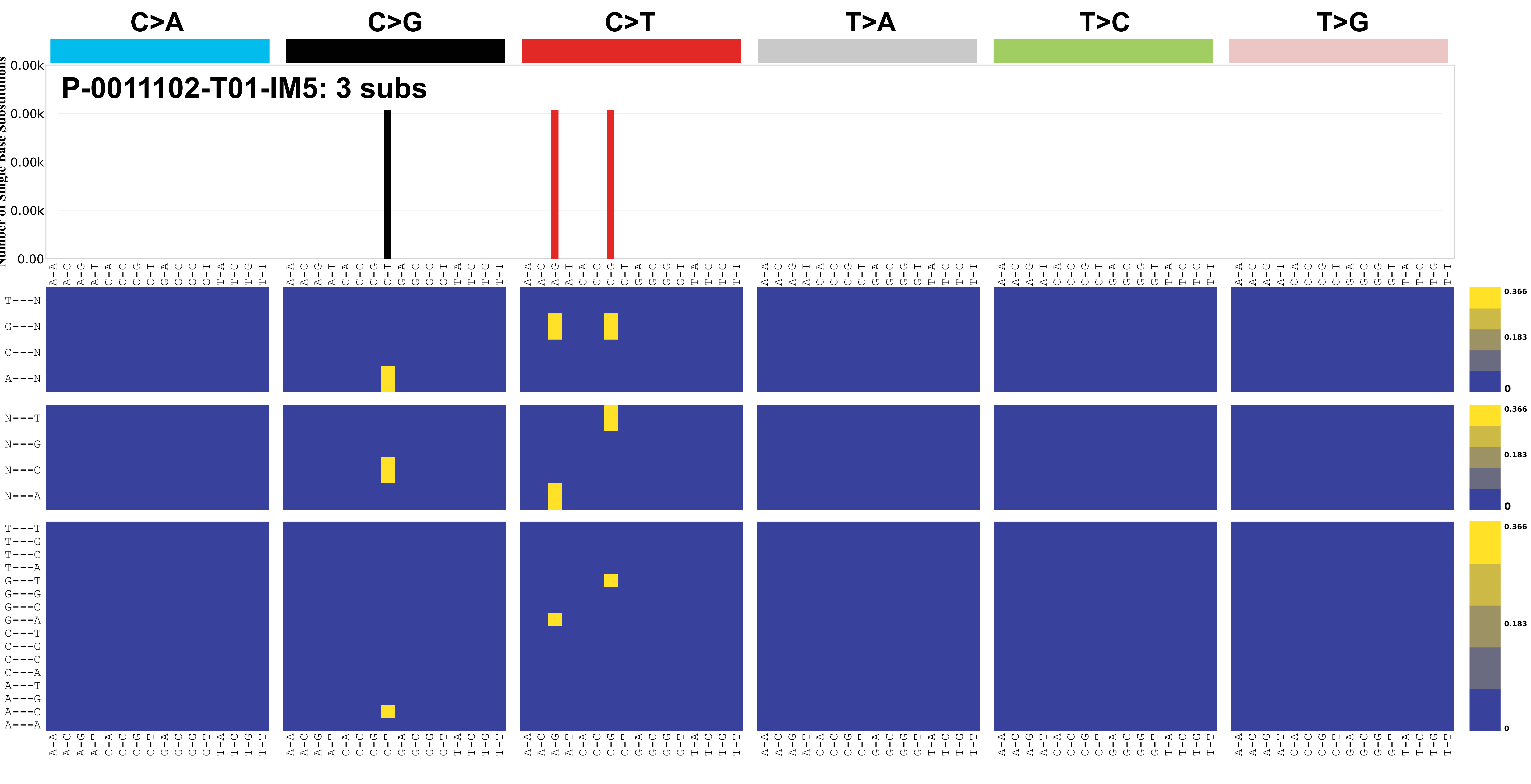


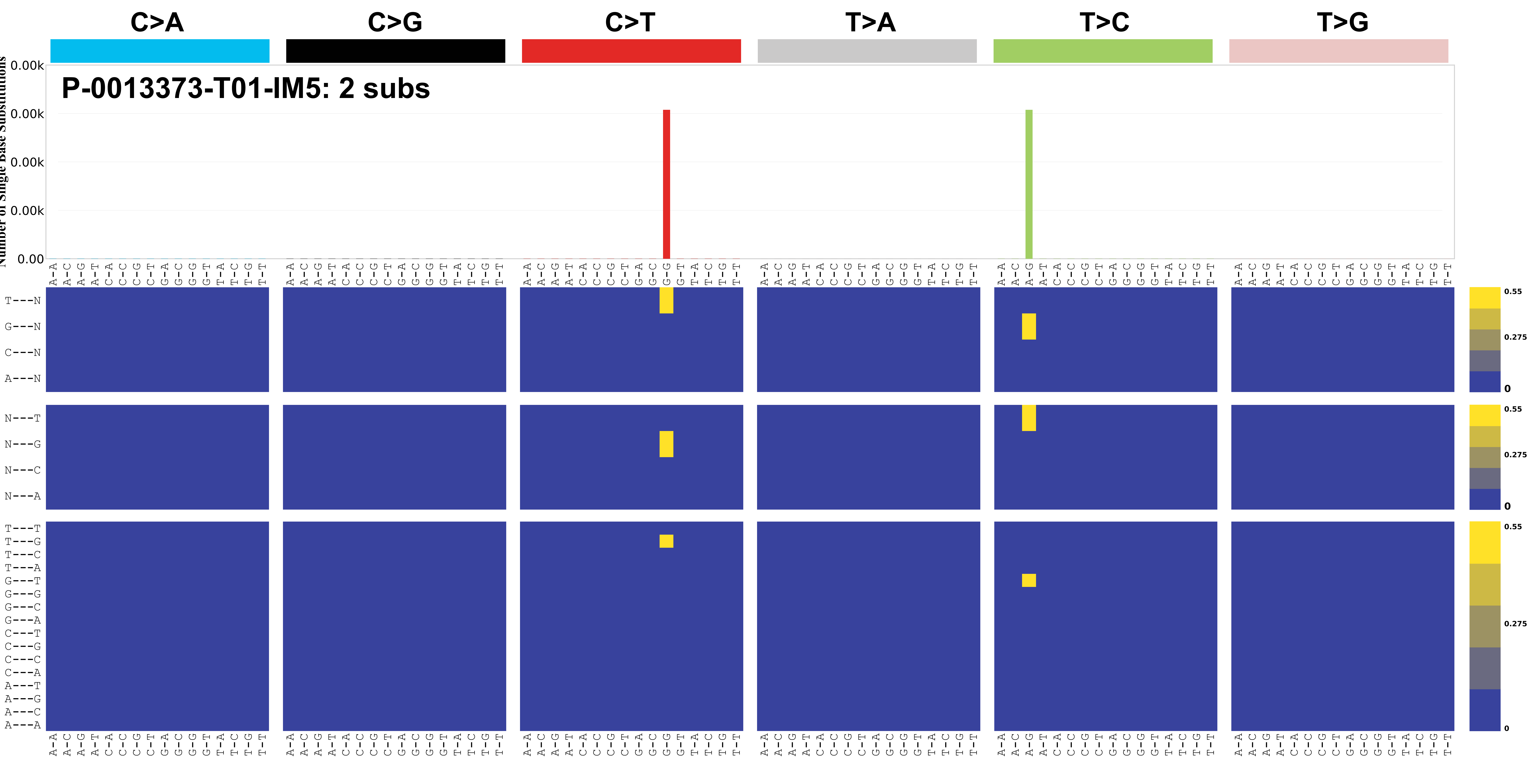


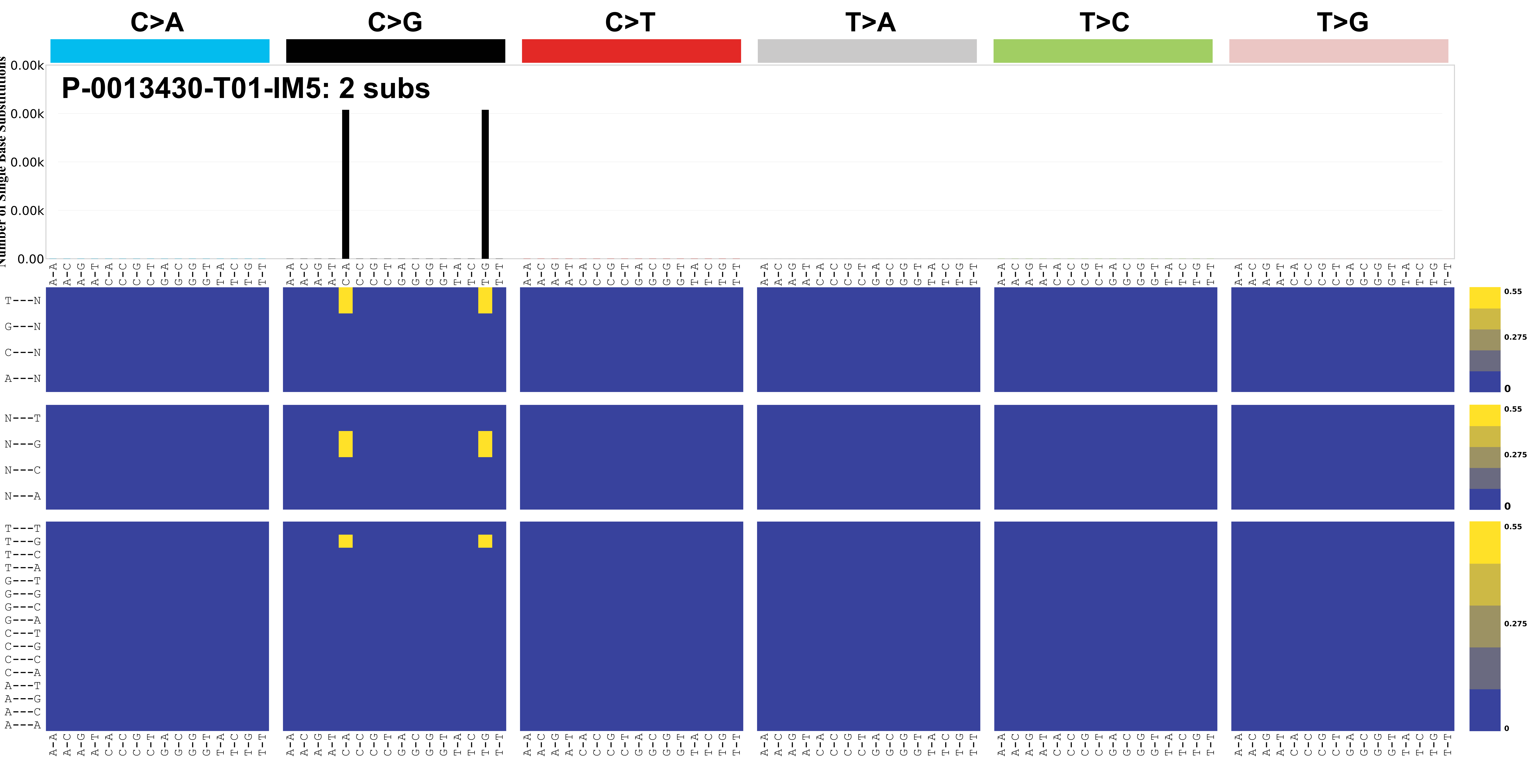


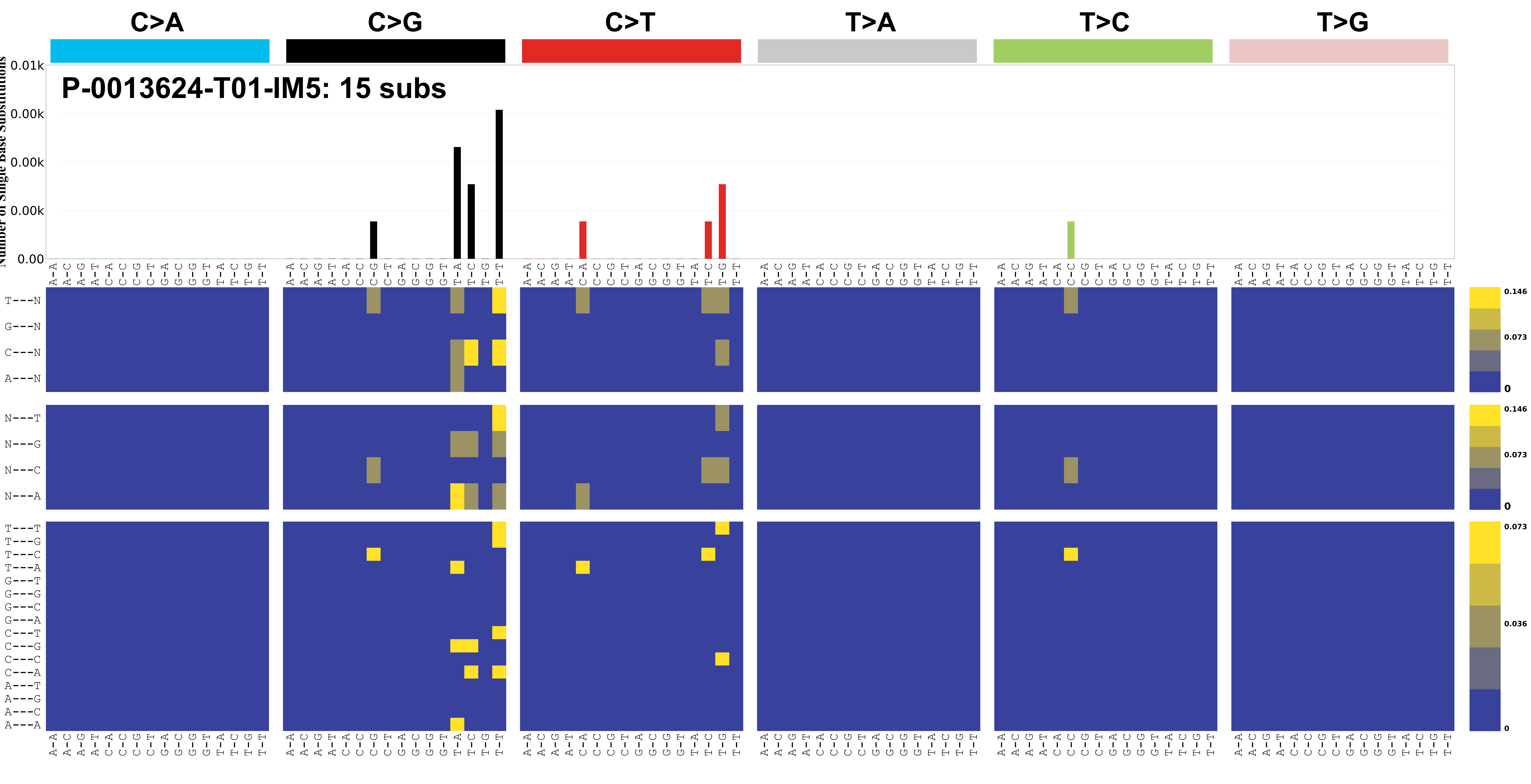


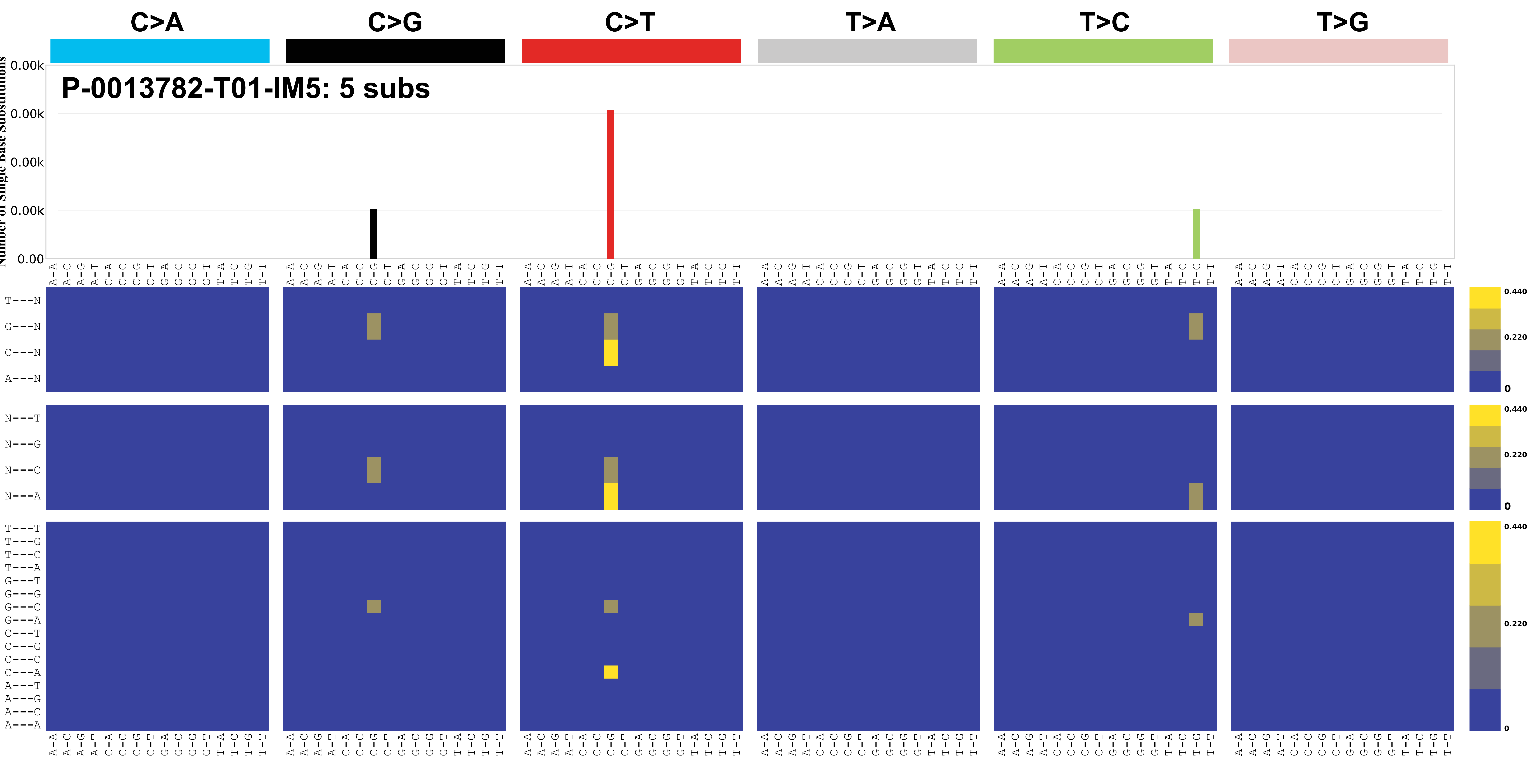


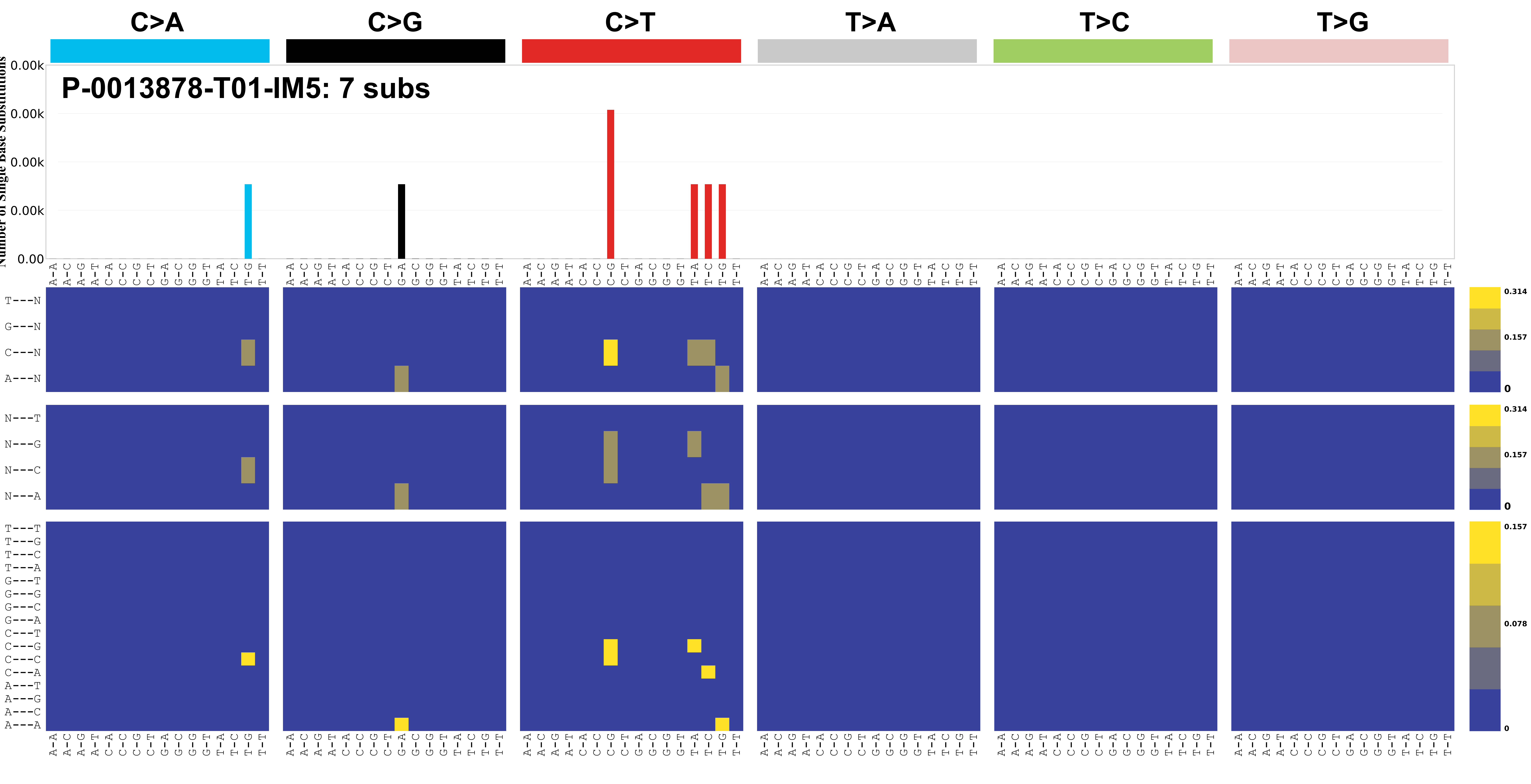


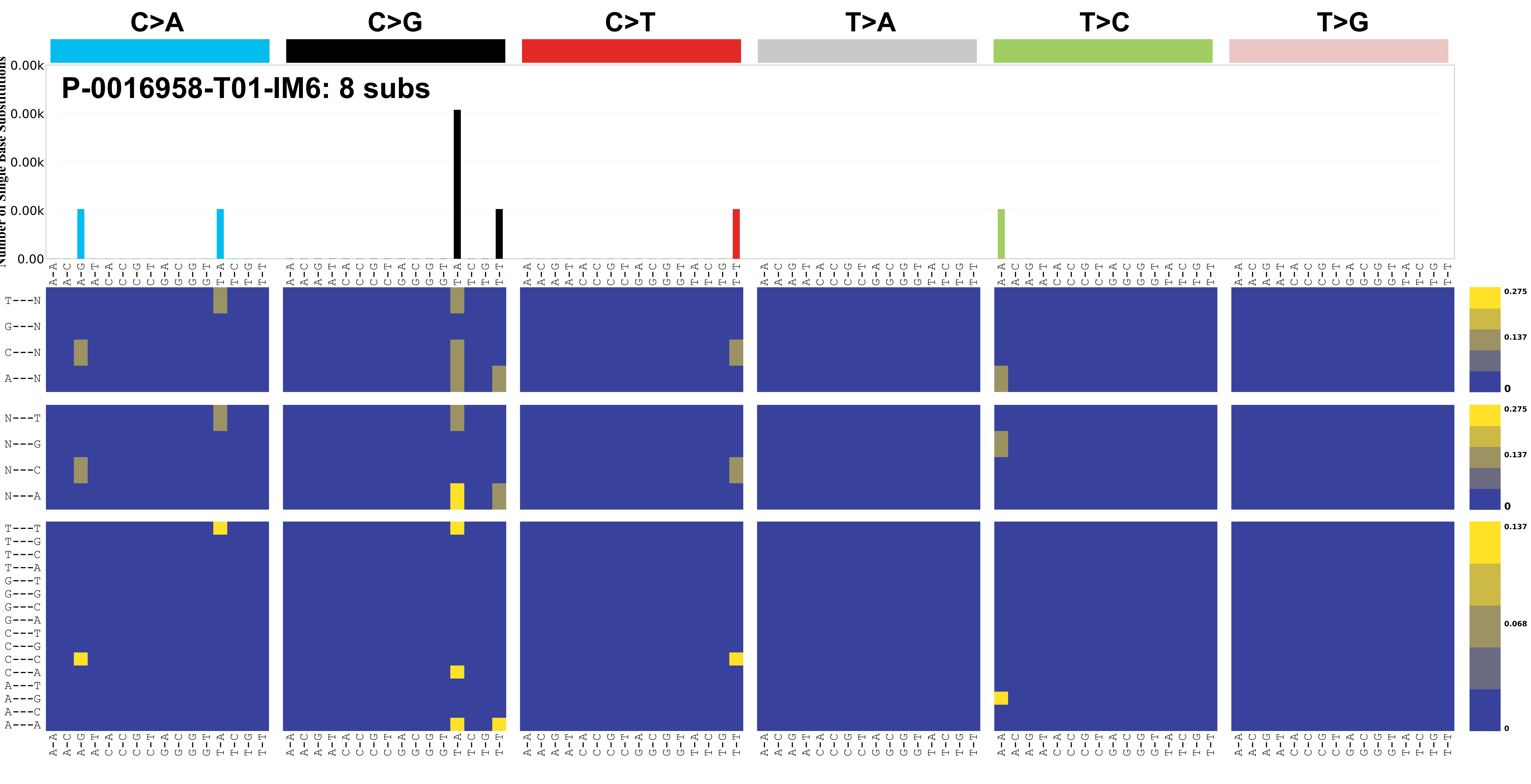


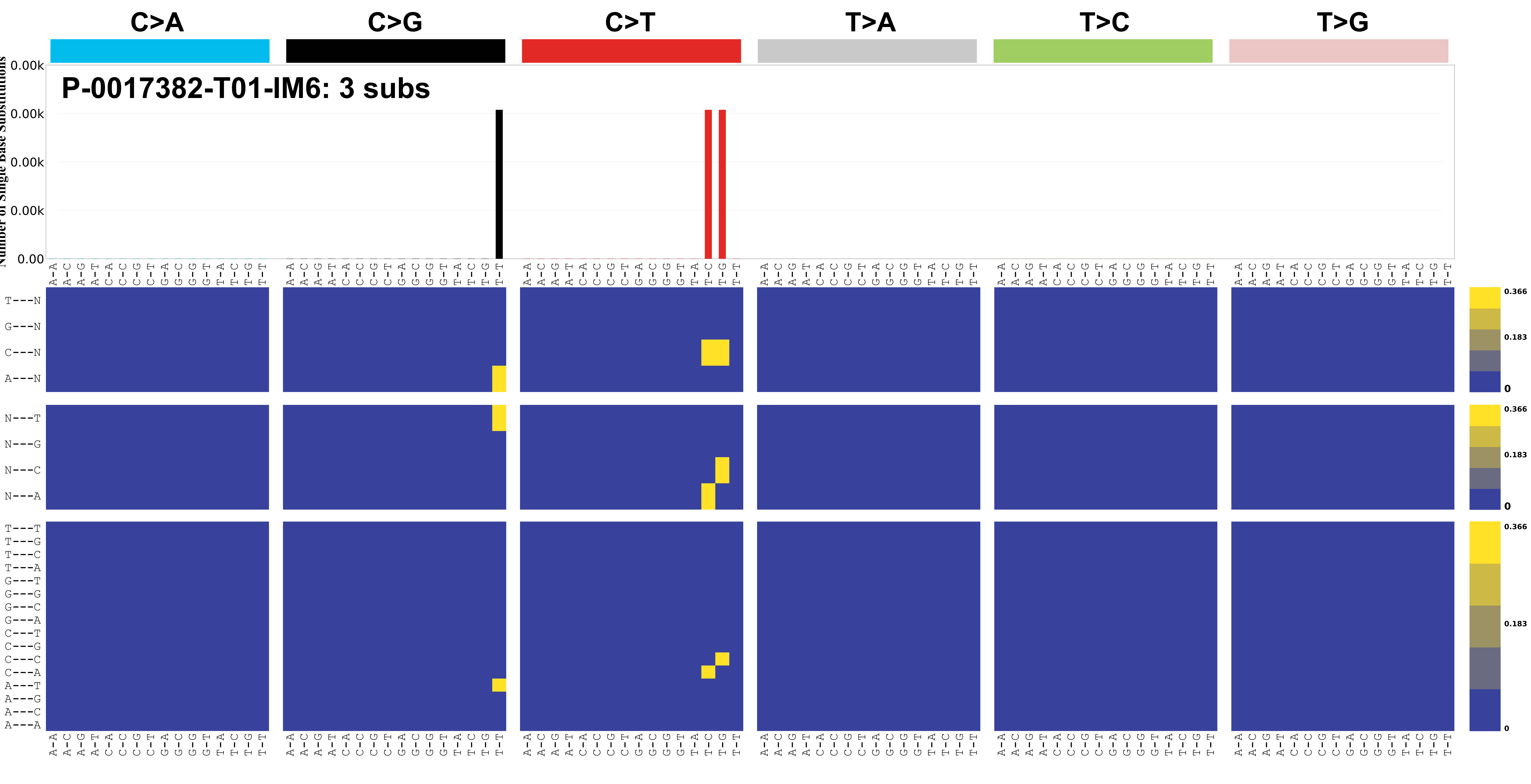


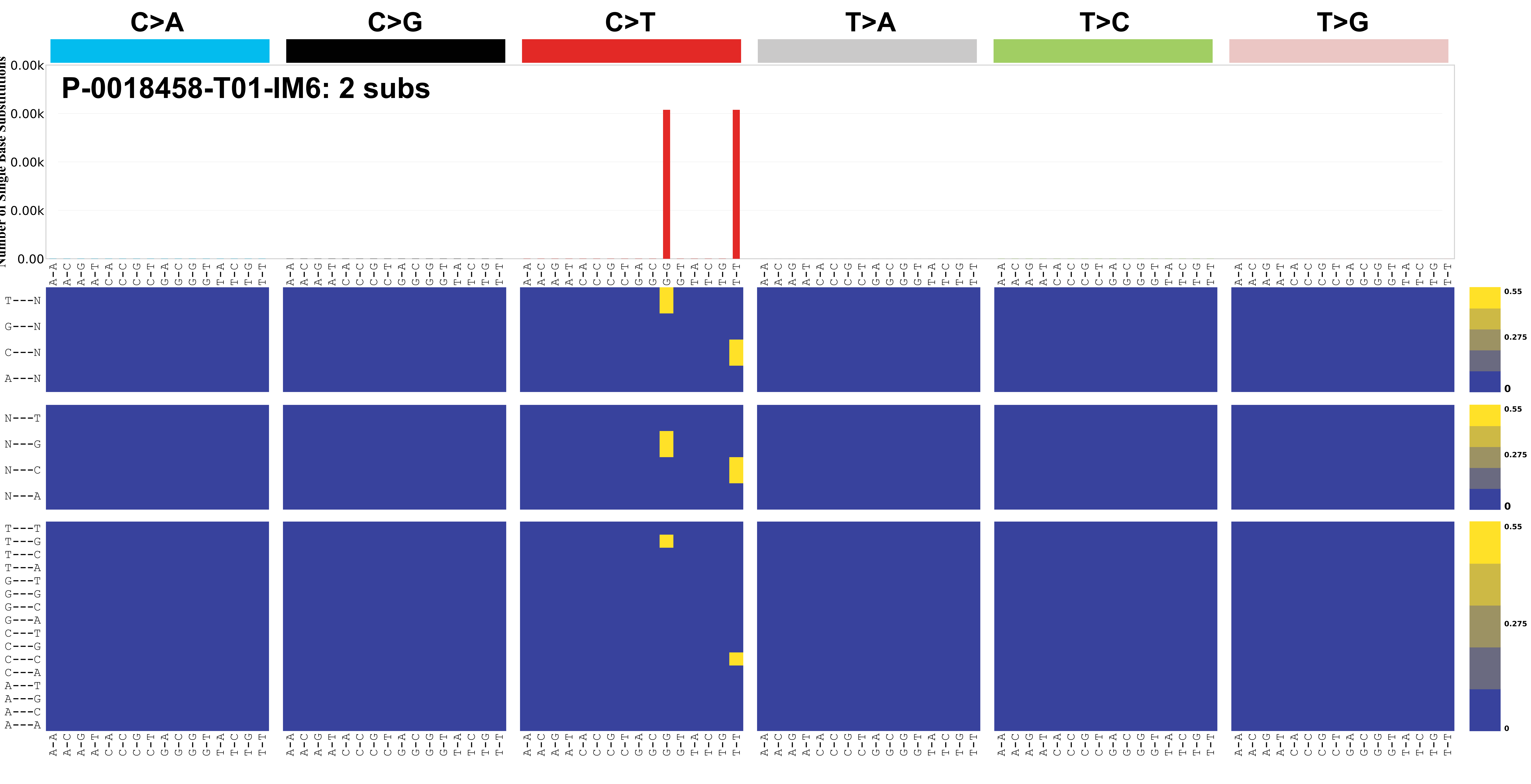


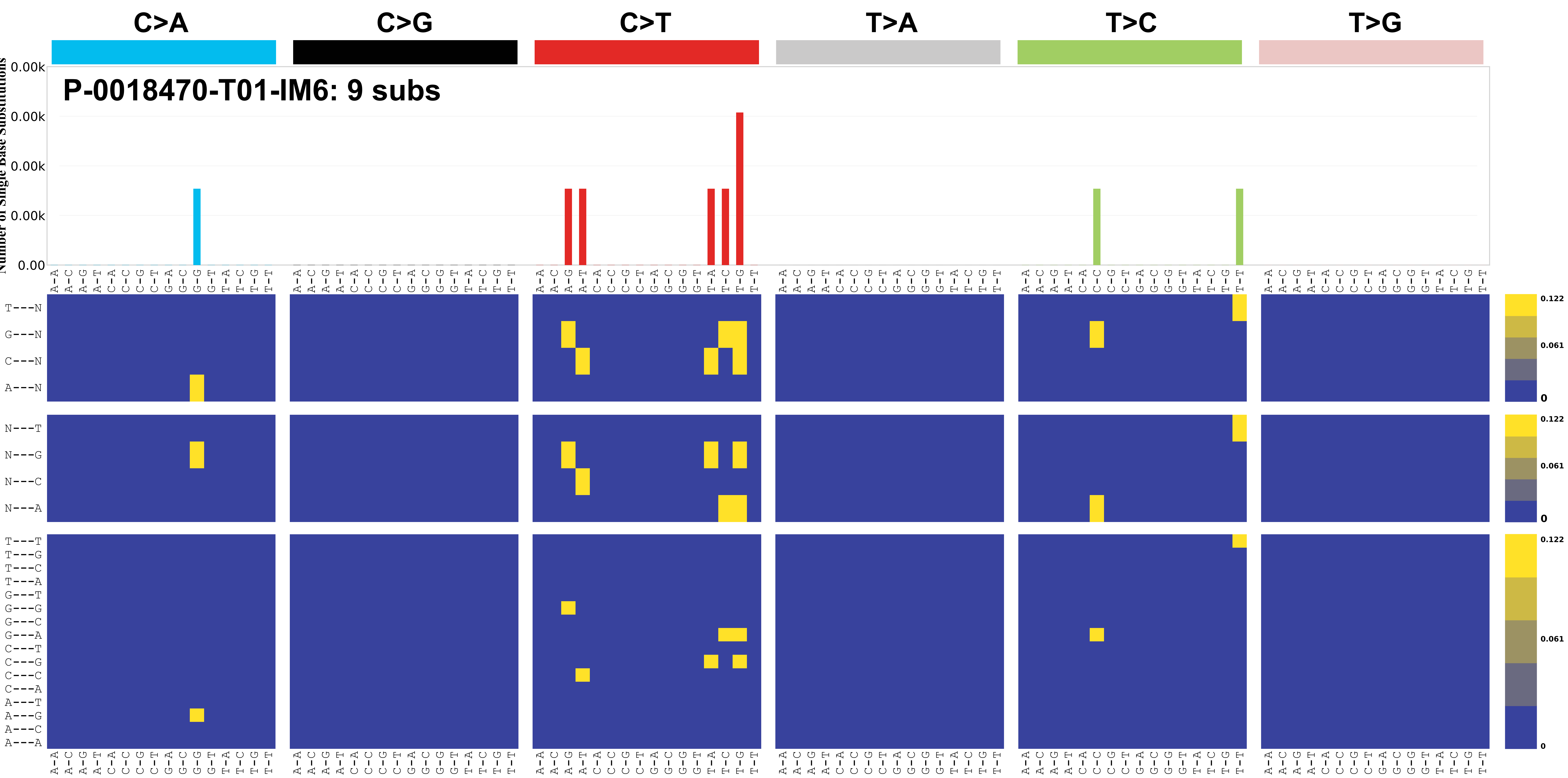


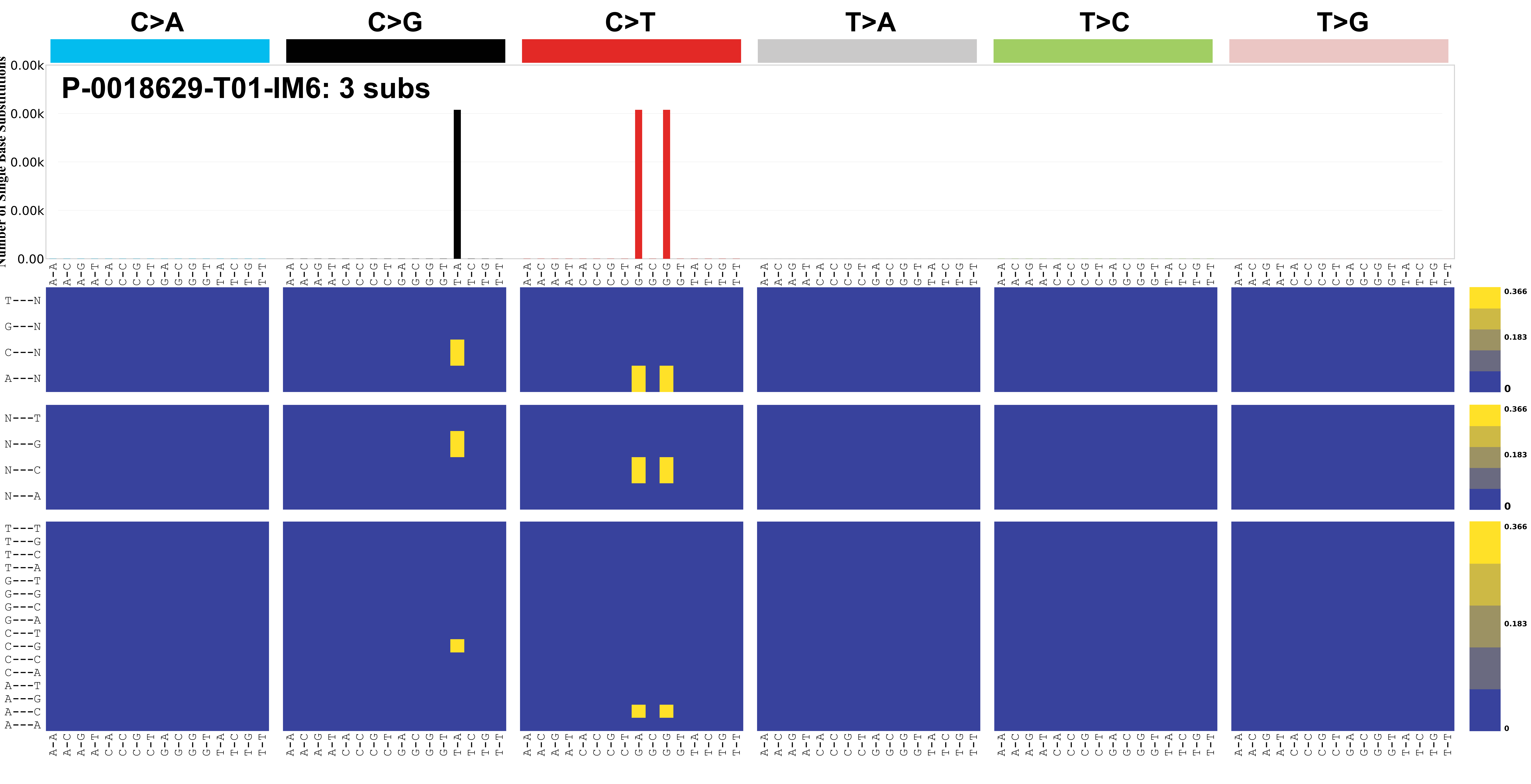




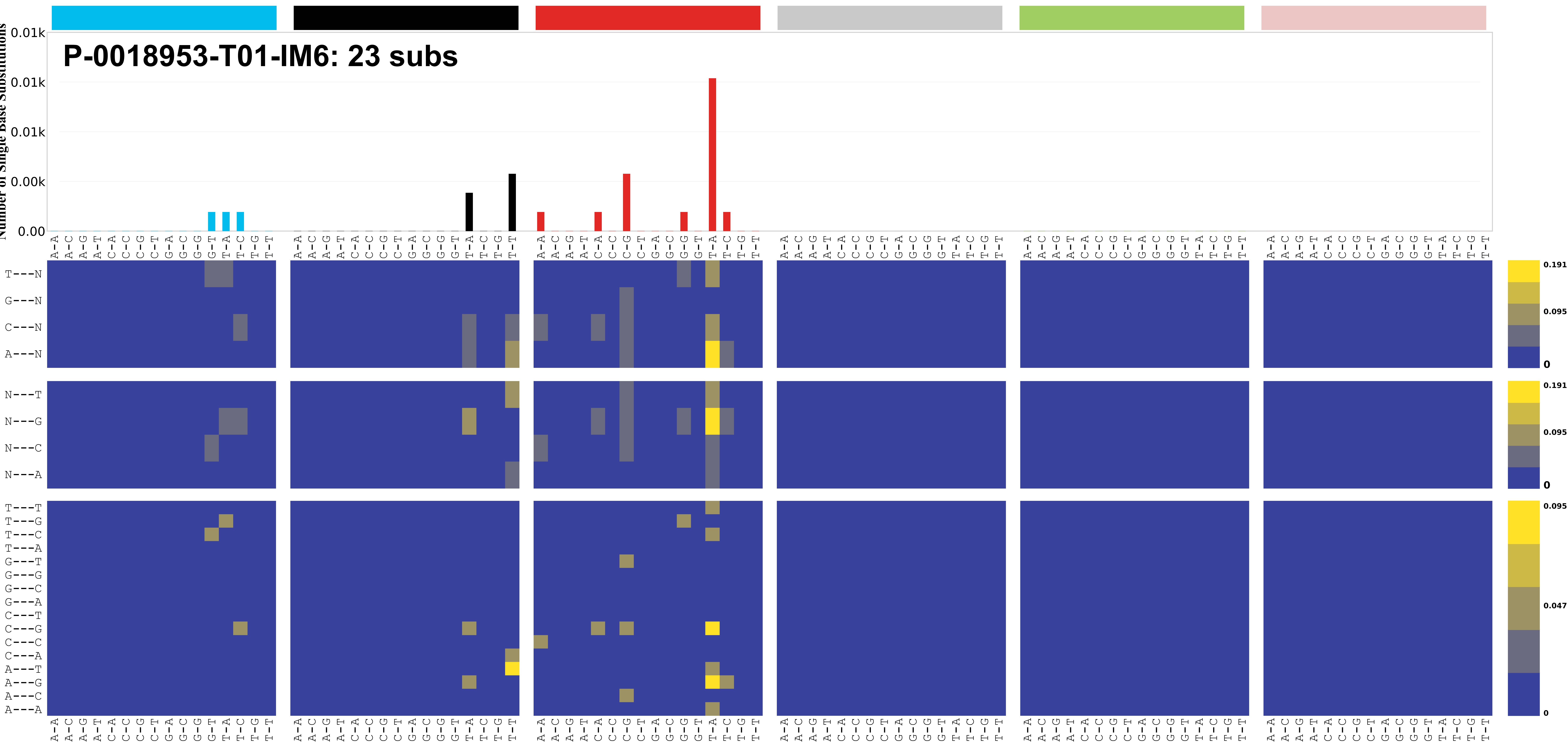


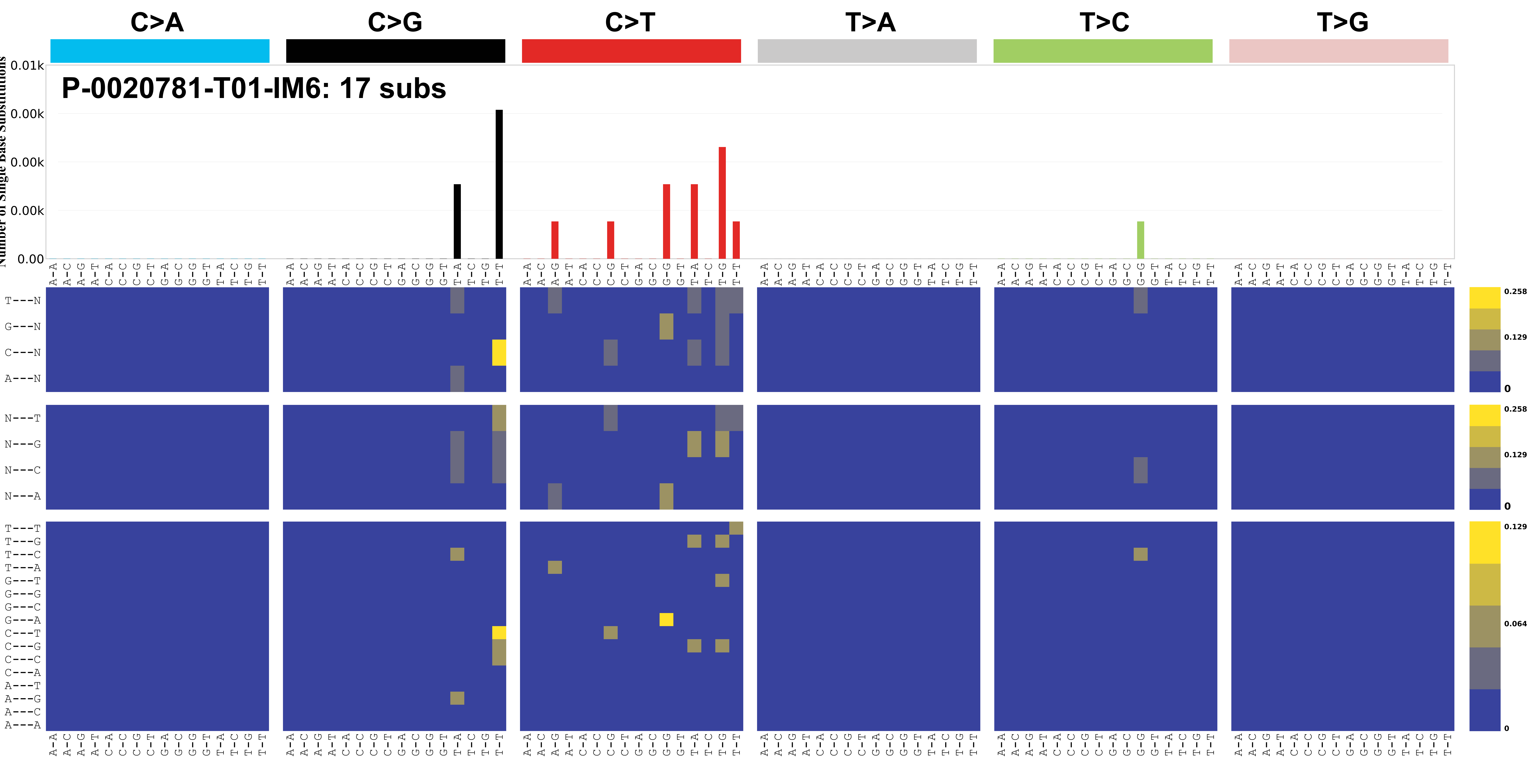


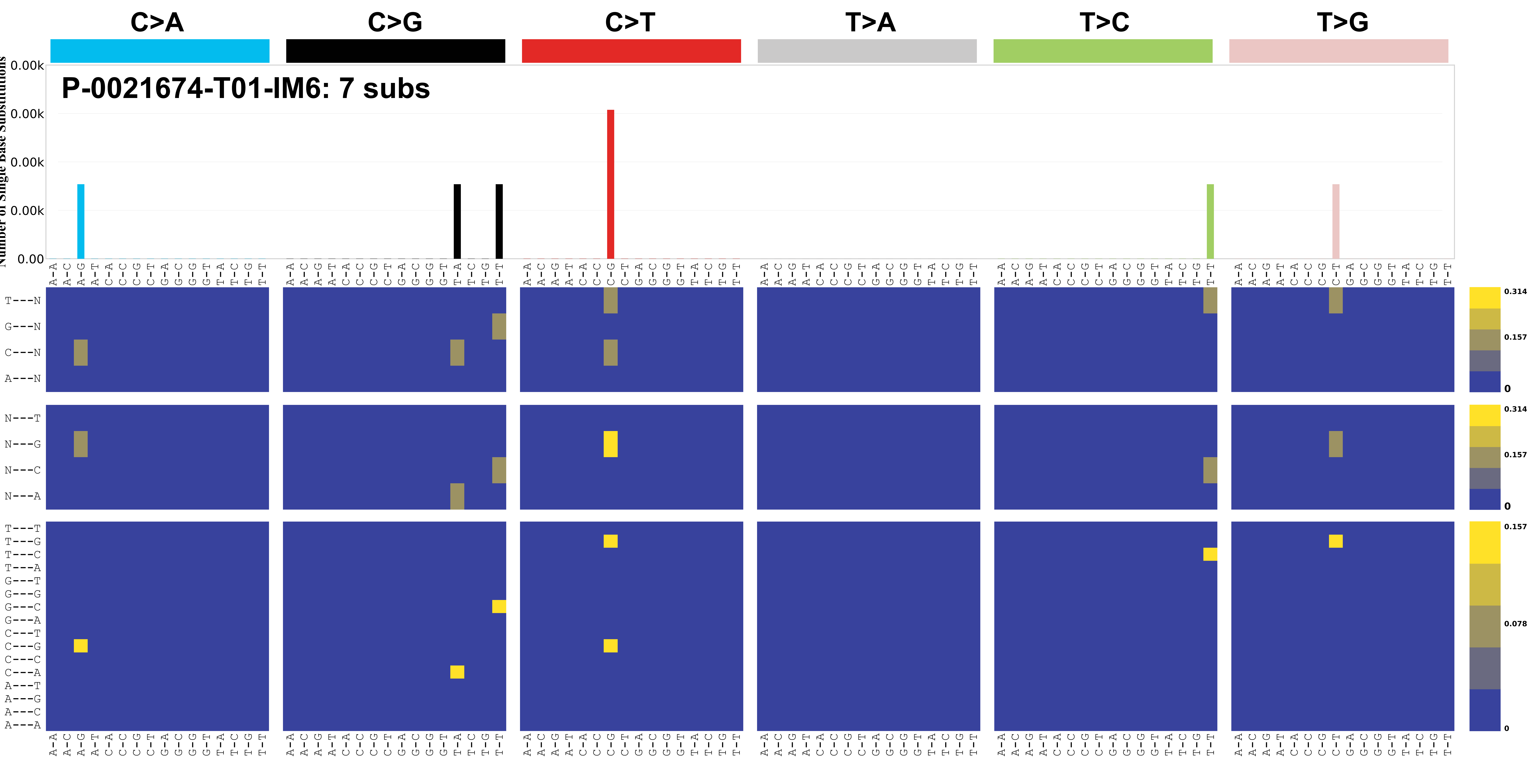


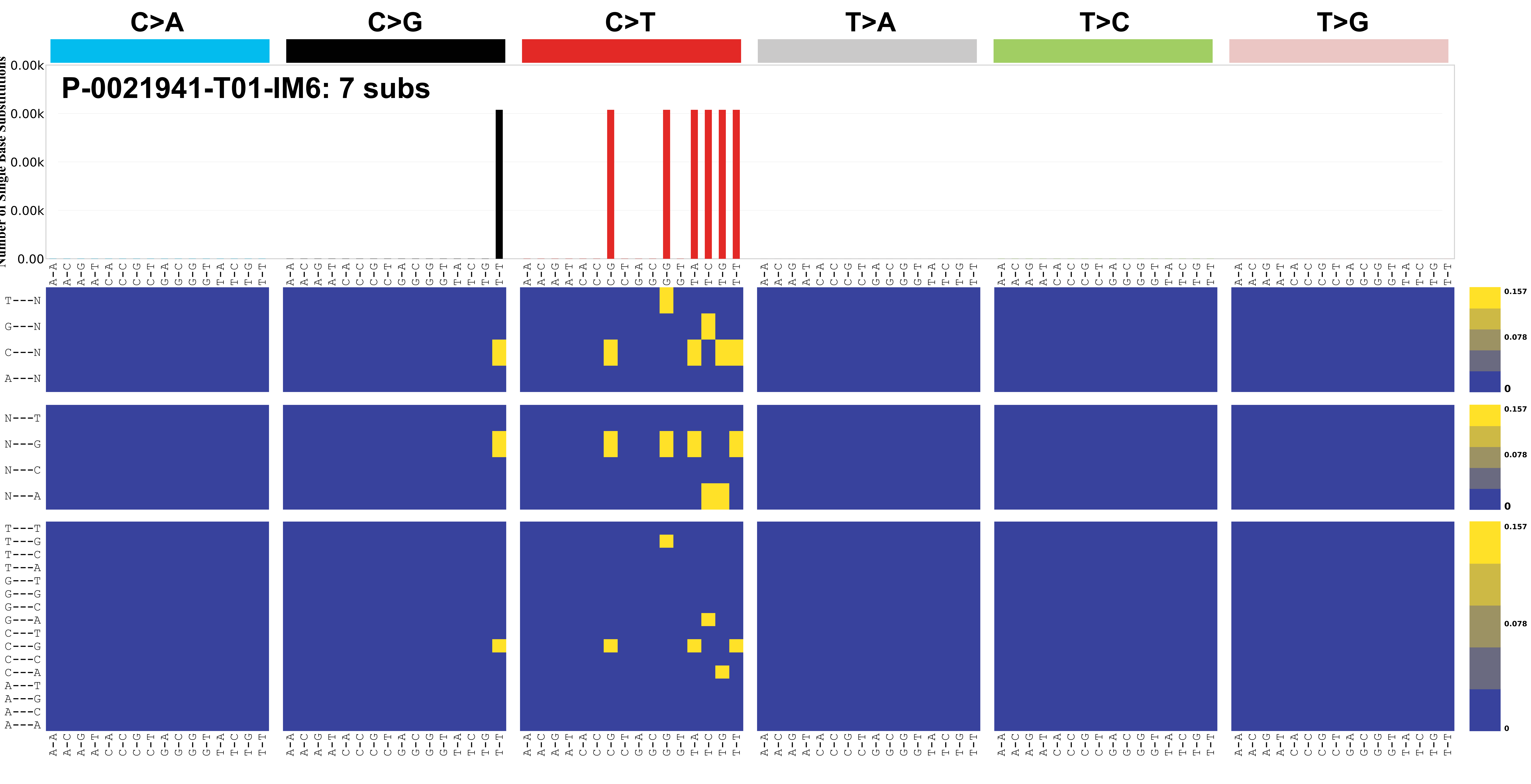


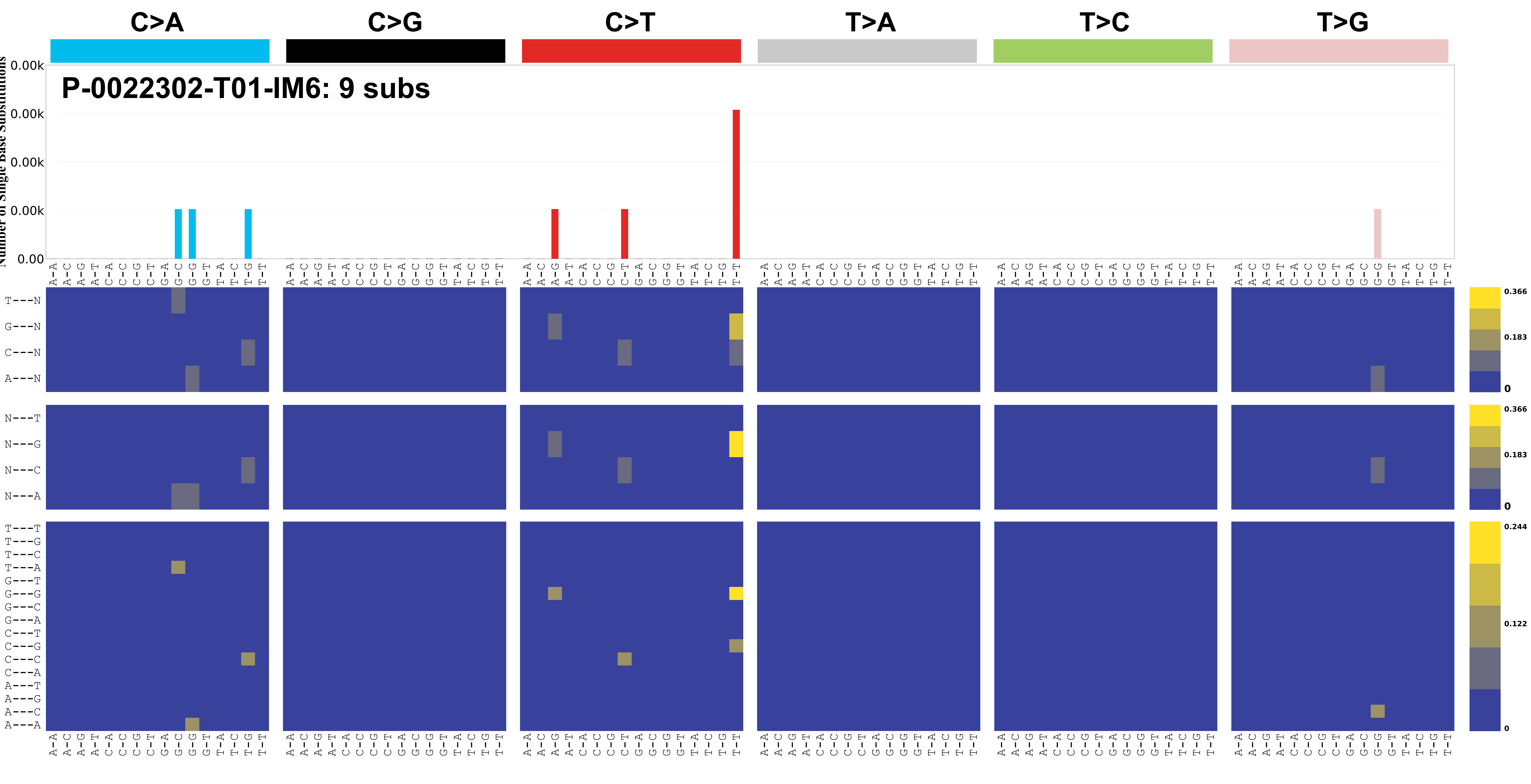
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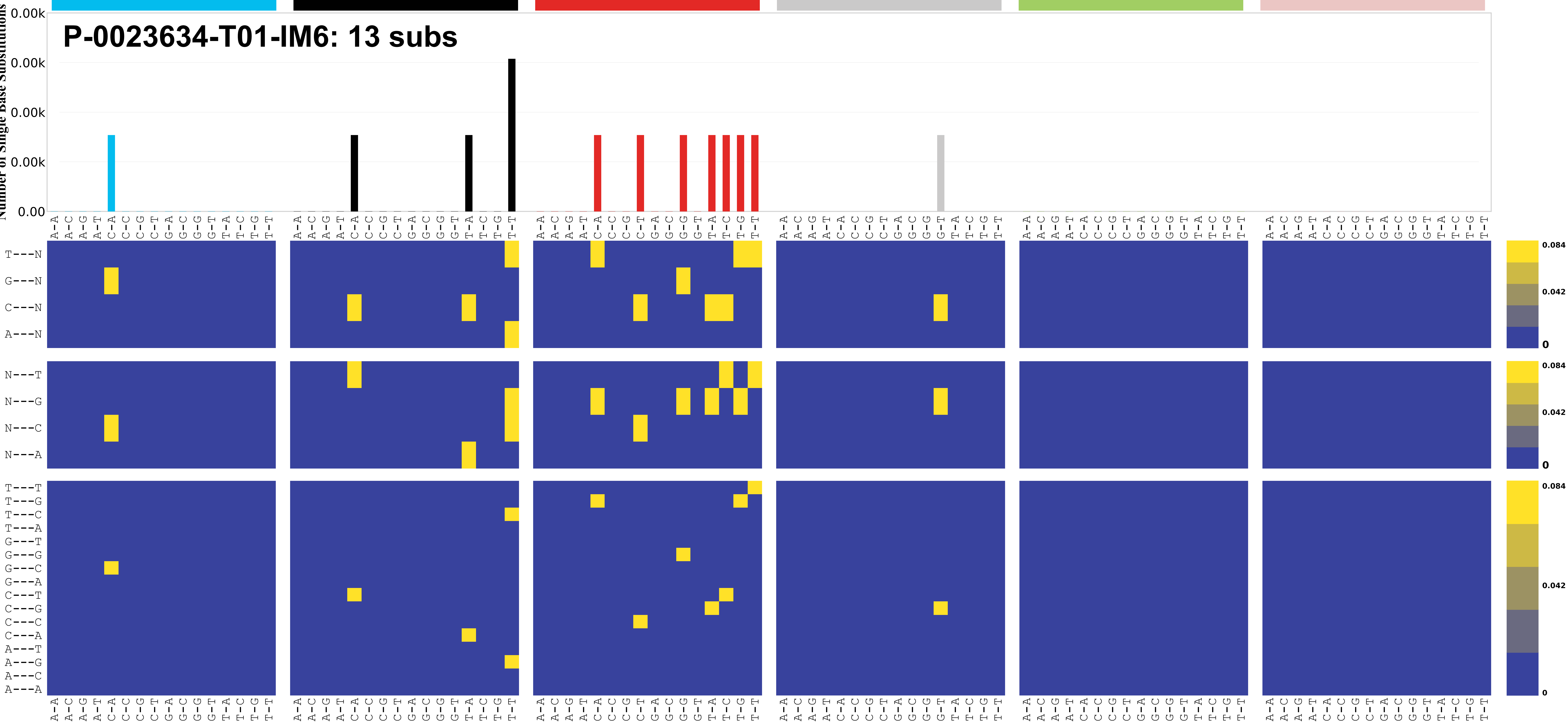


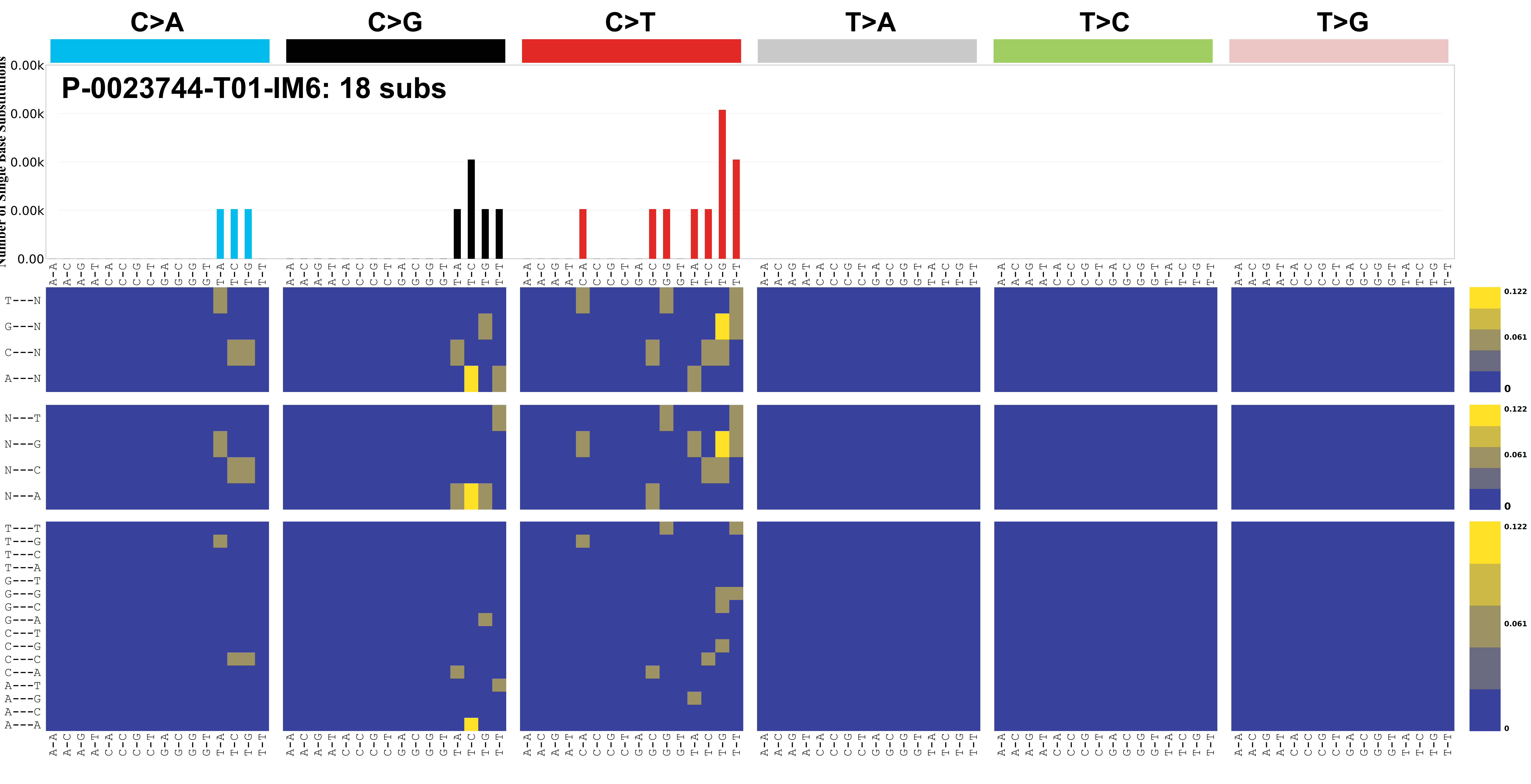


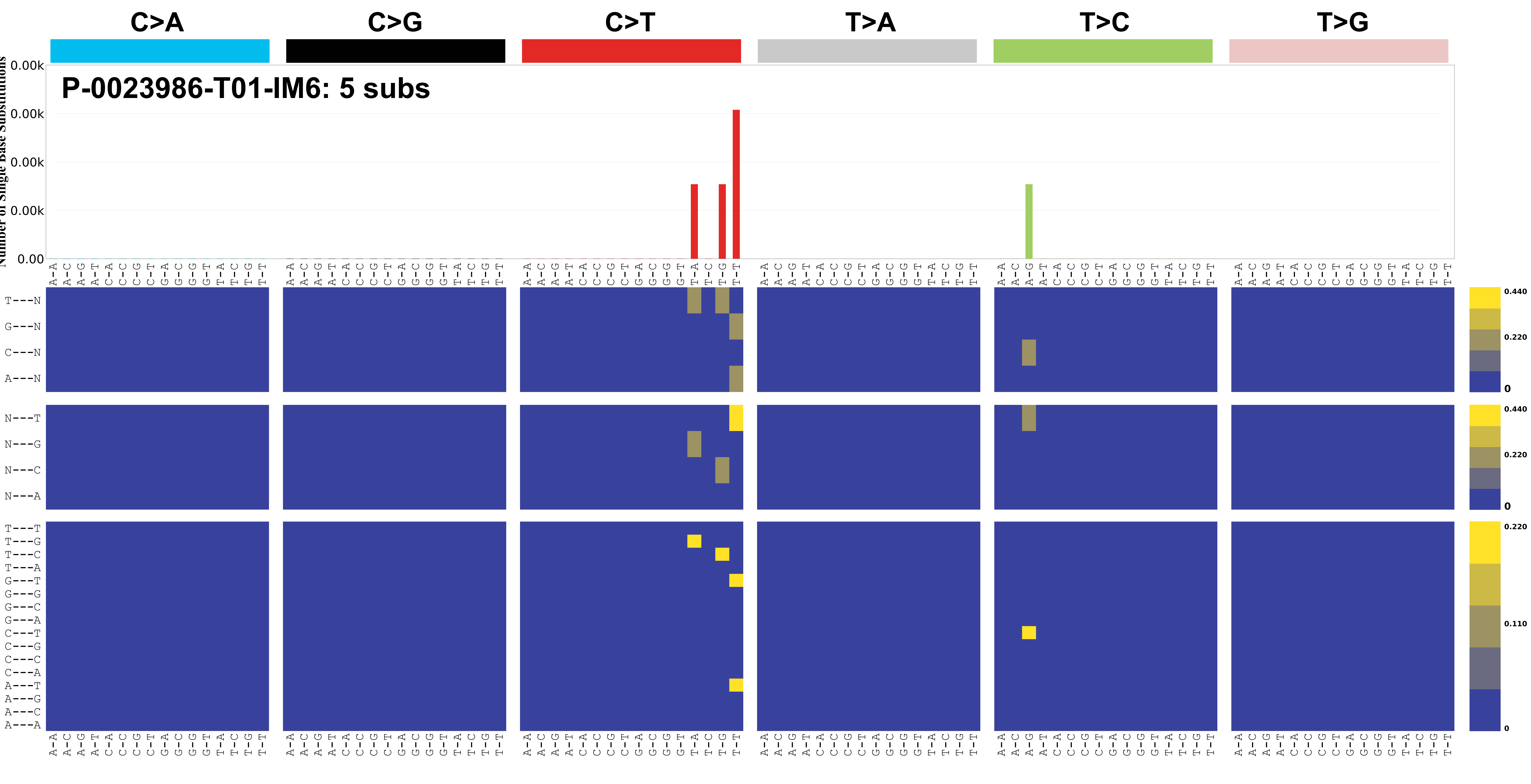


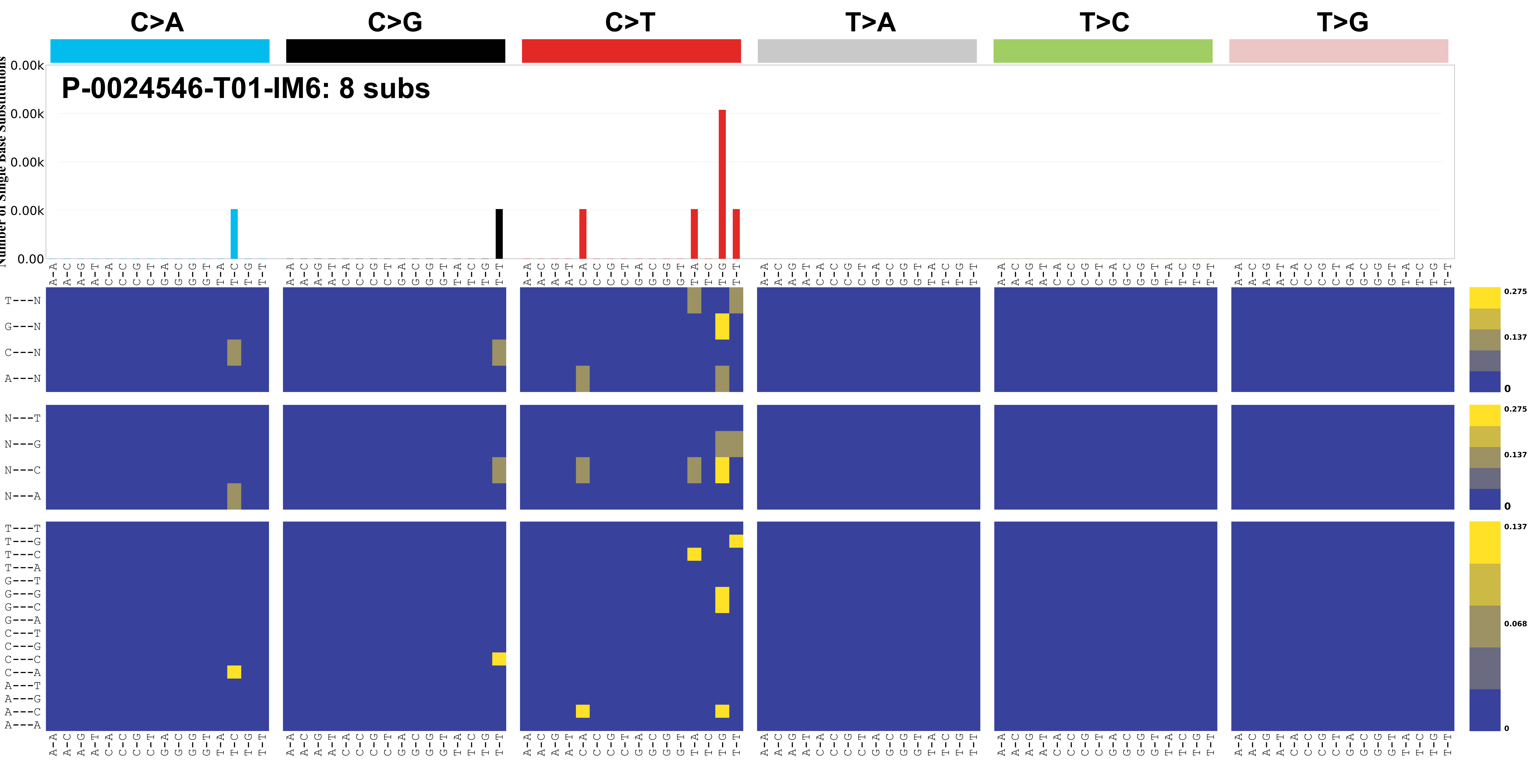
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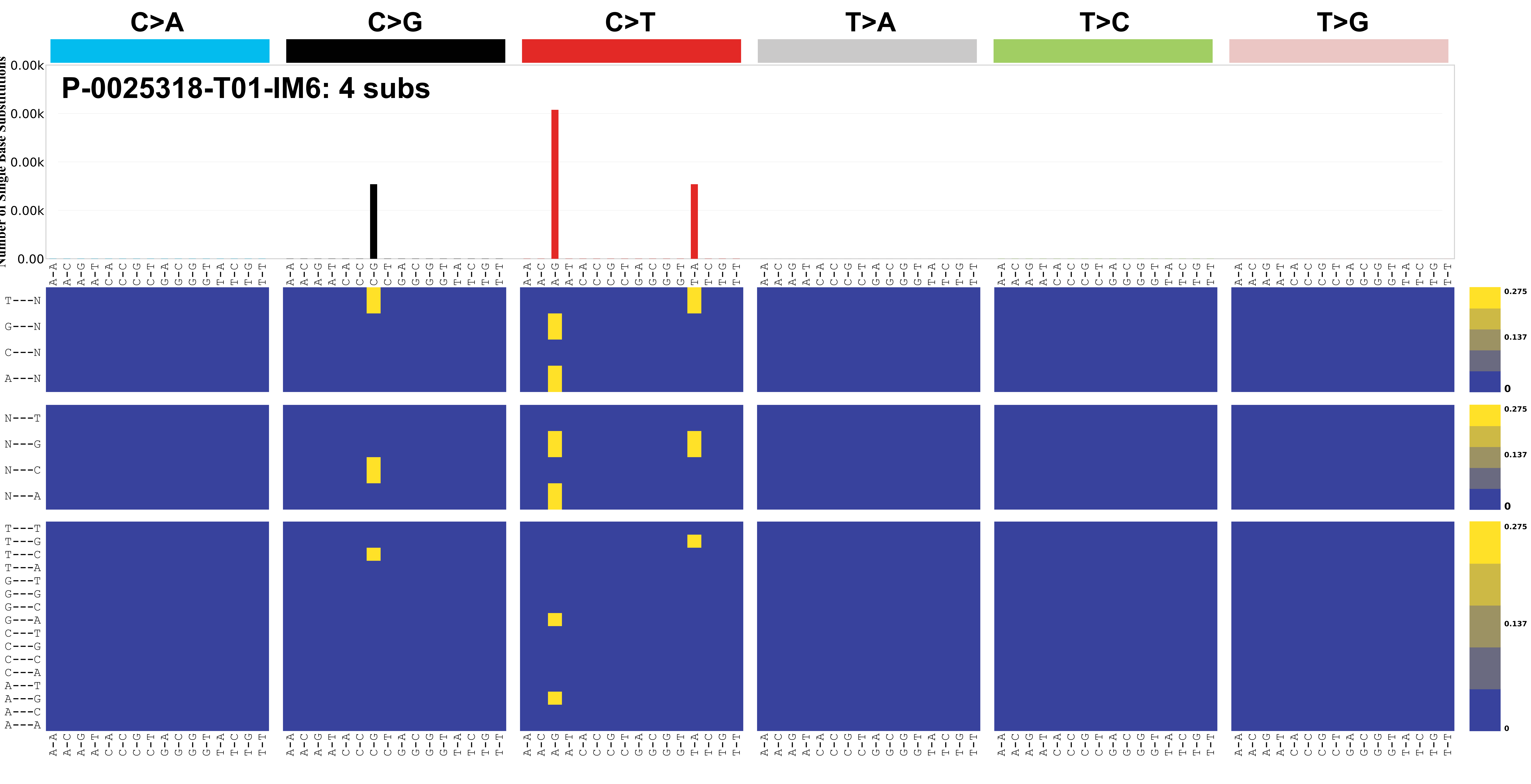
P-0023634-T01-IM6: 13 subs

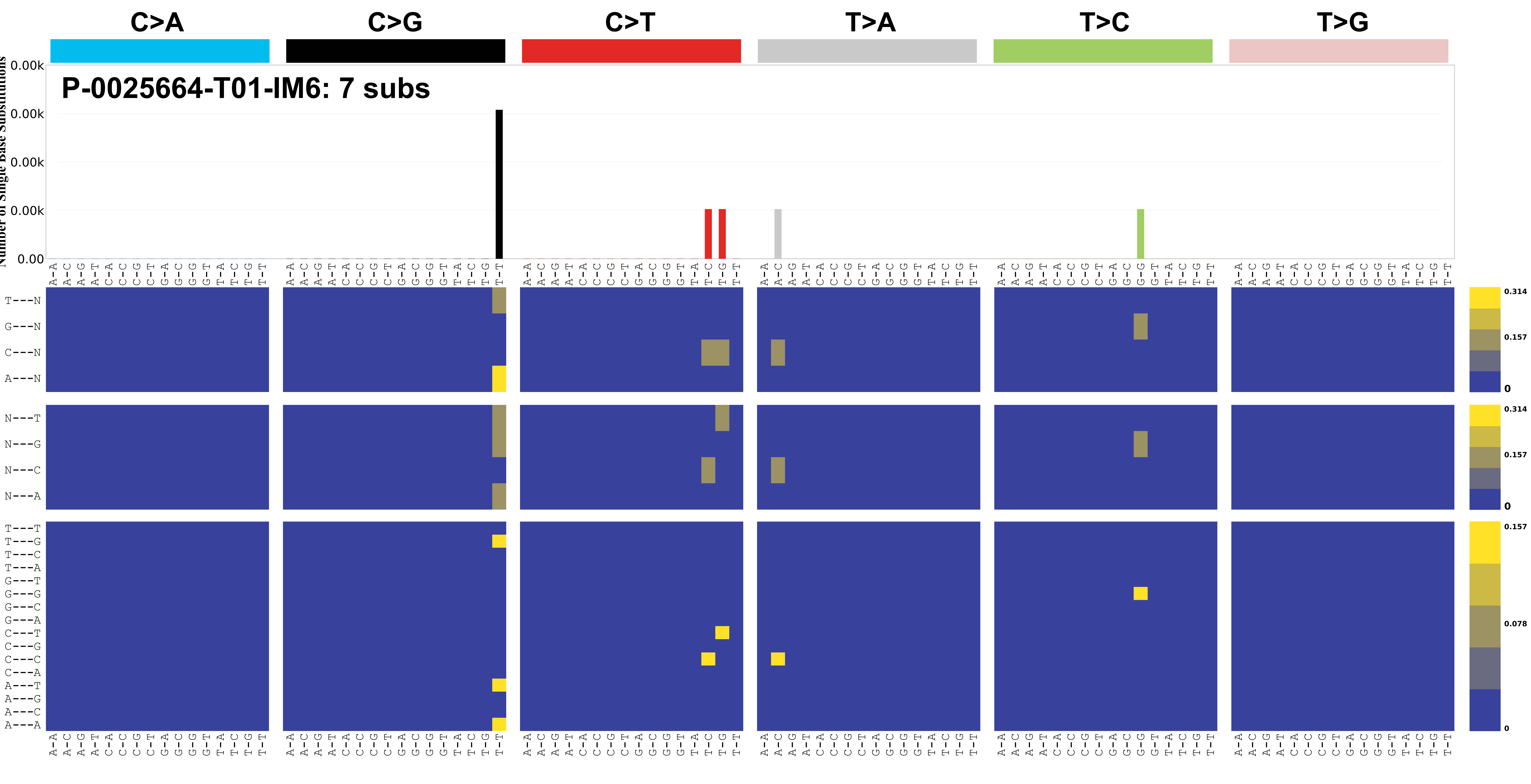


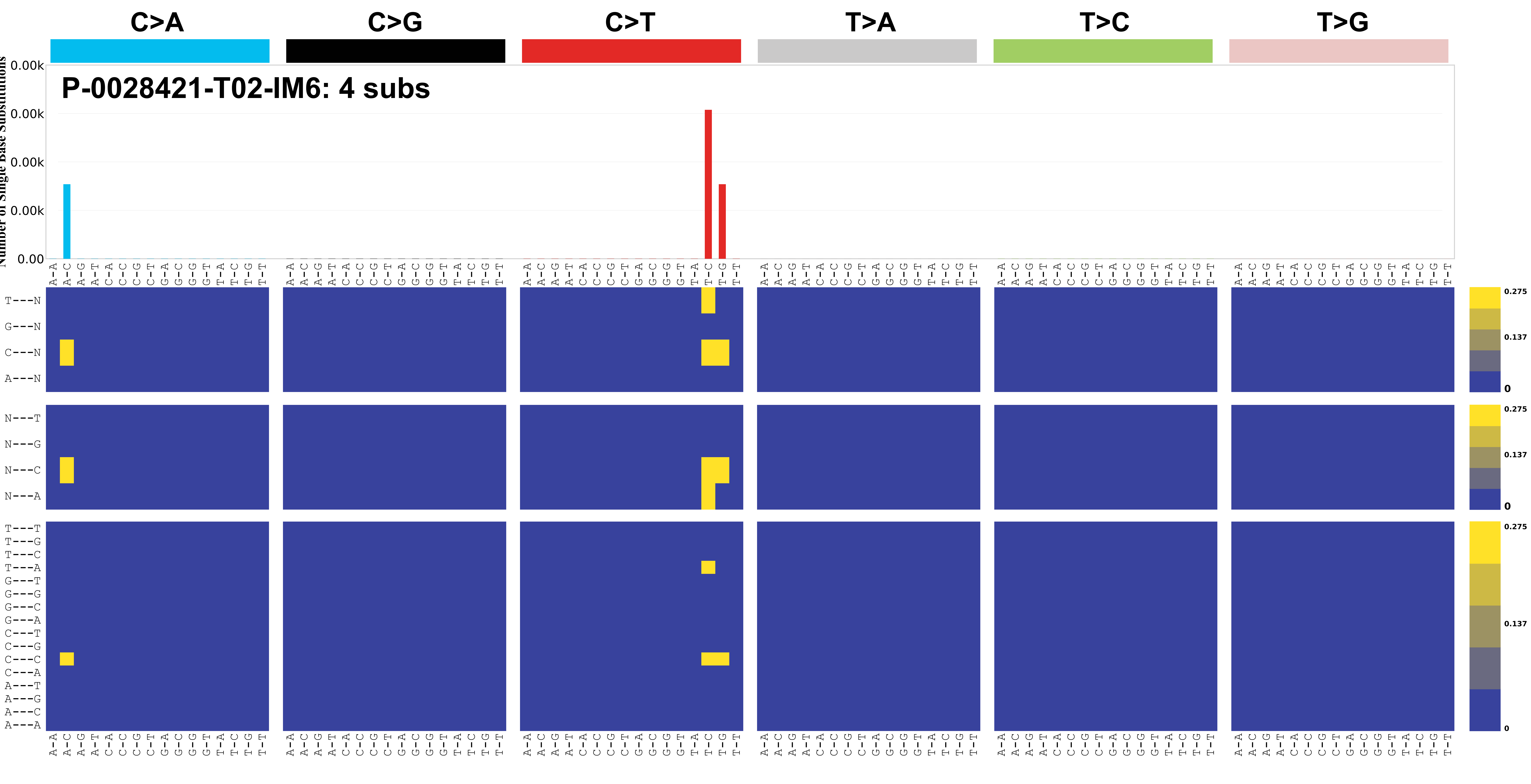


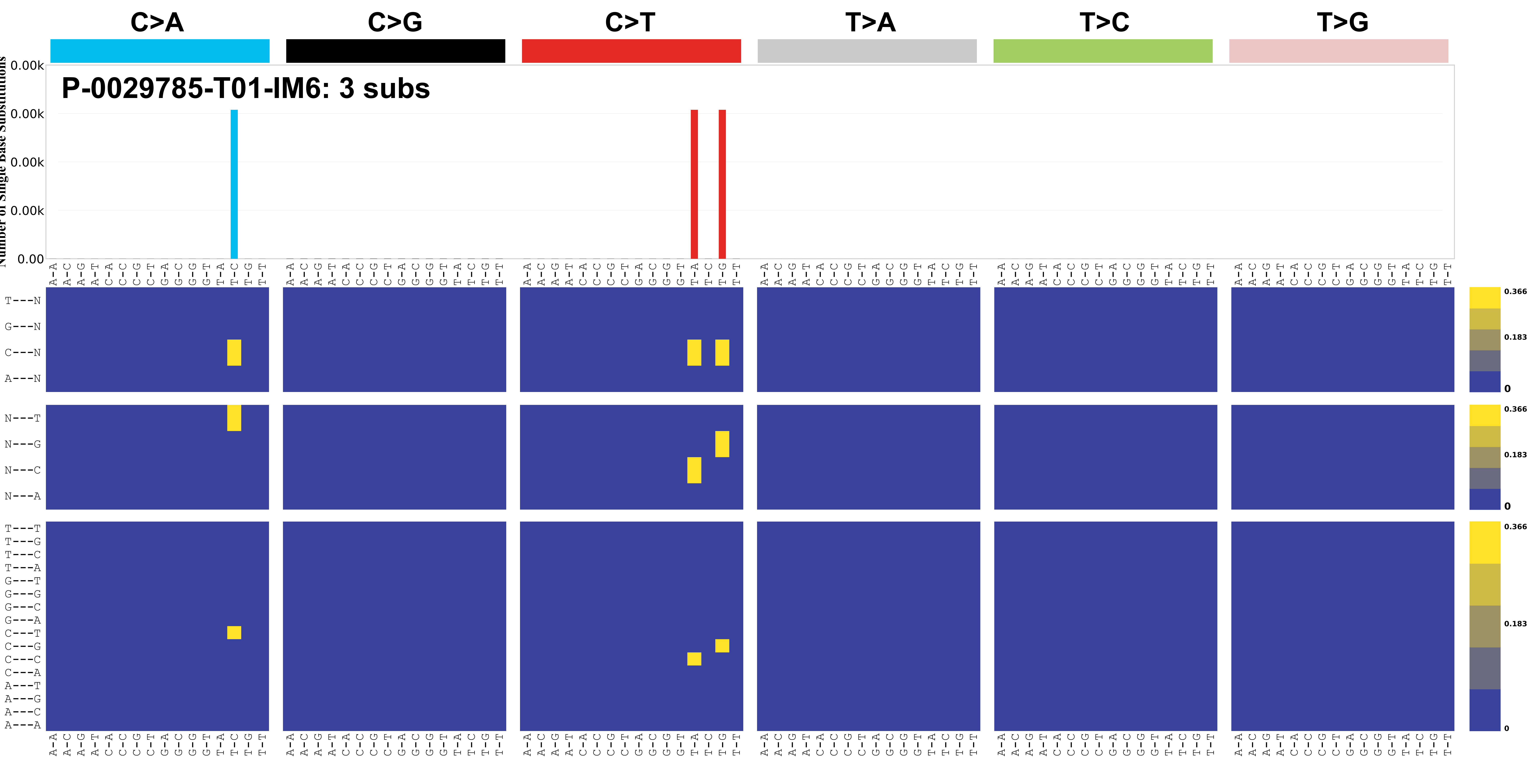






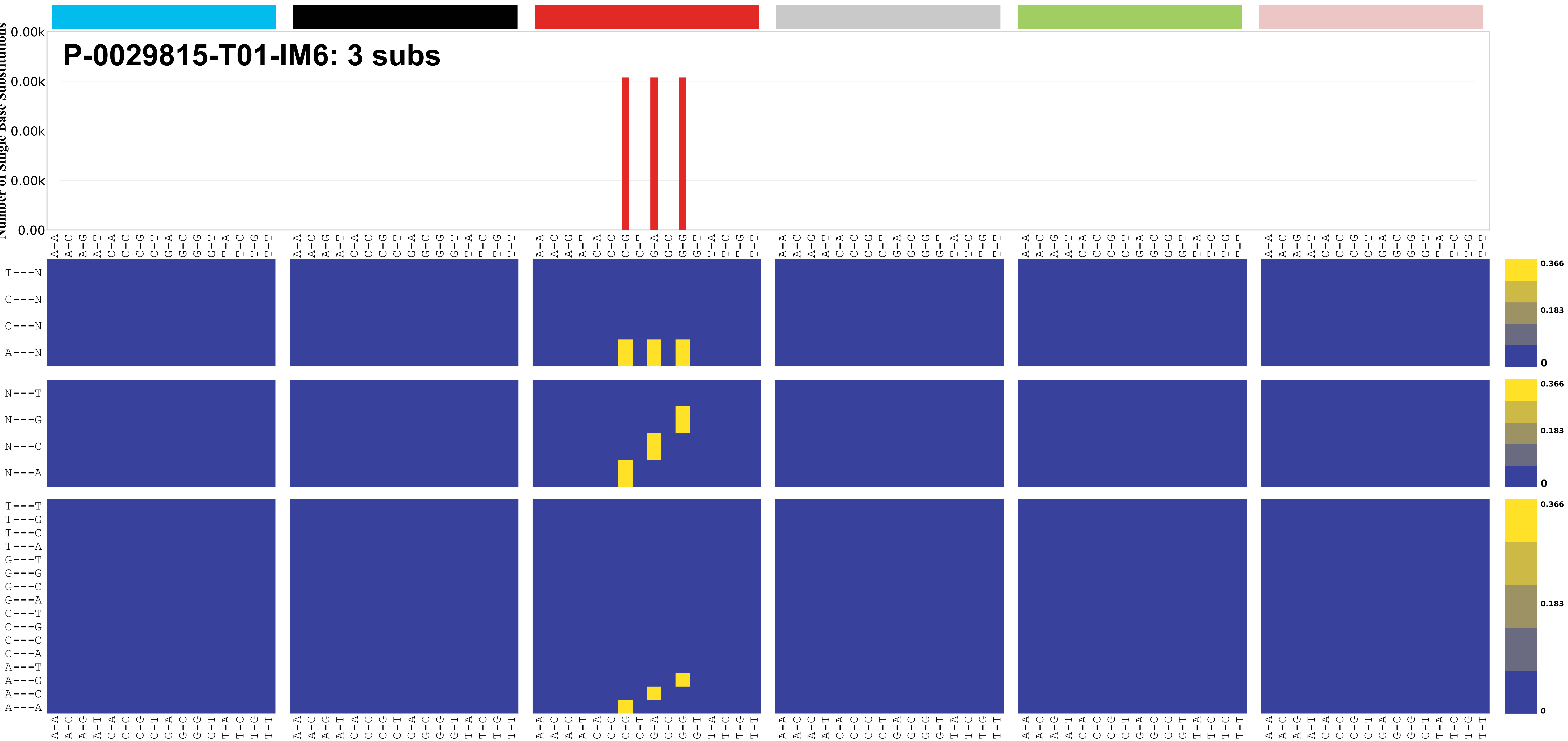






T>G

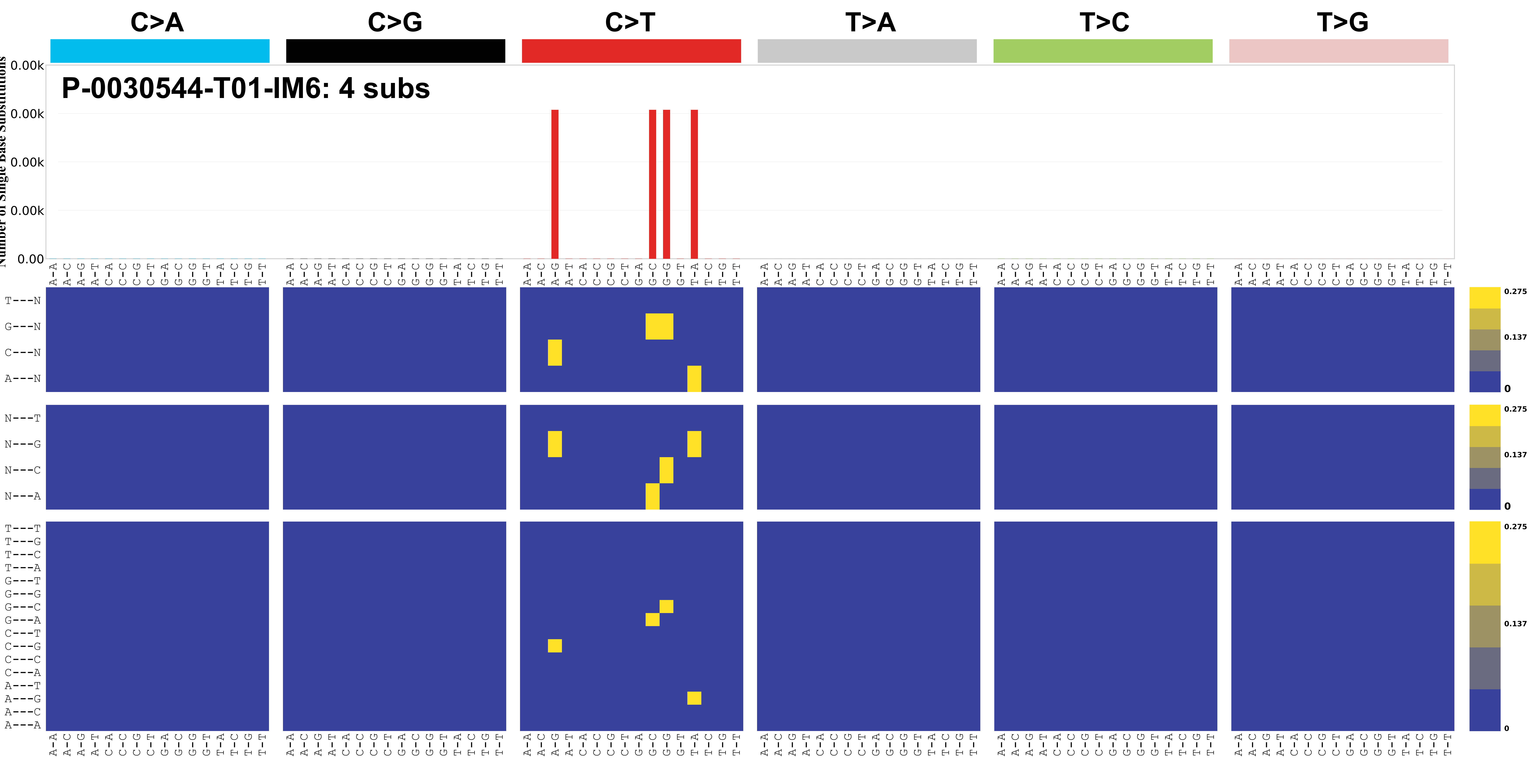
P-0029815-T01-IM6: 3 subs

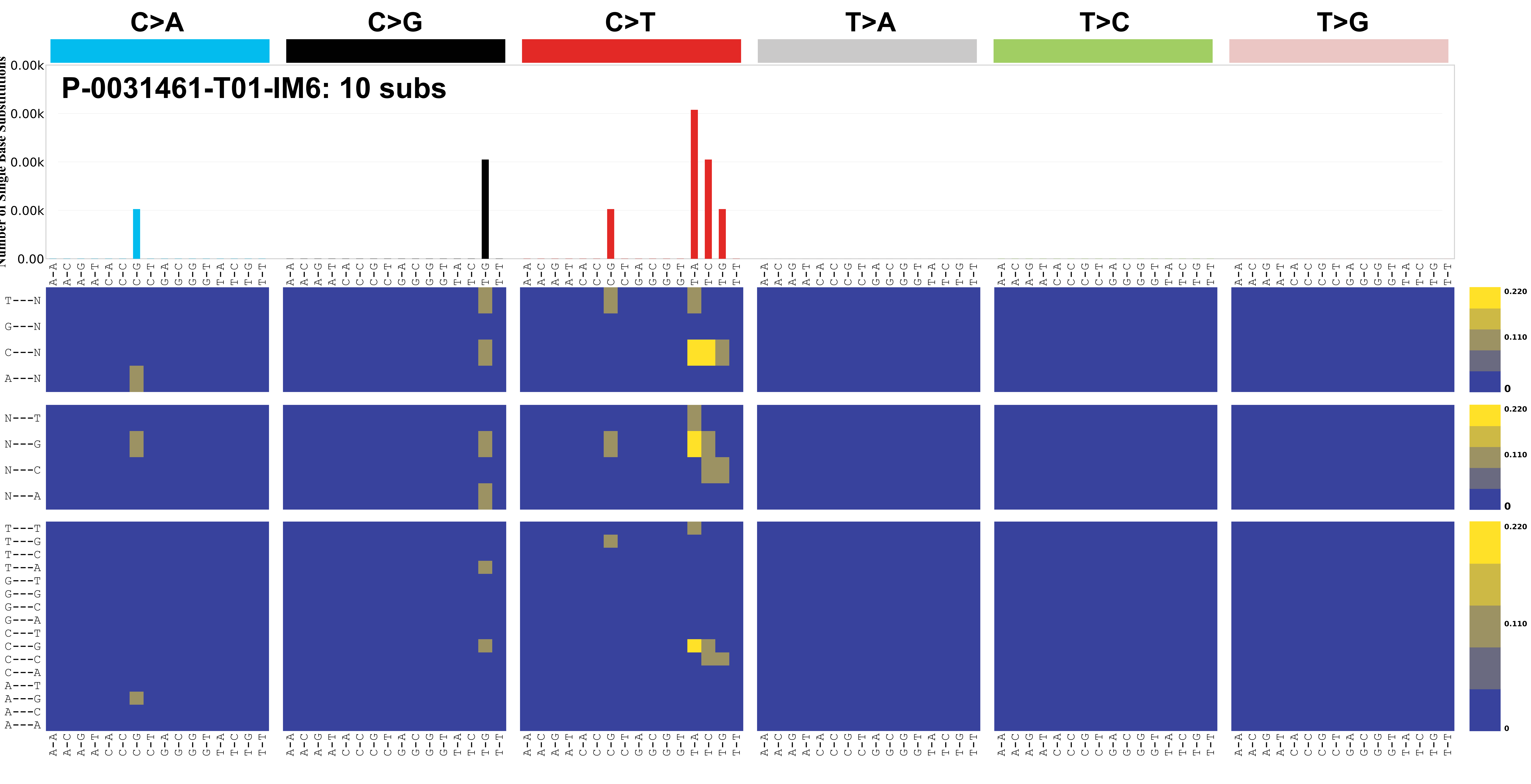


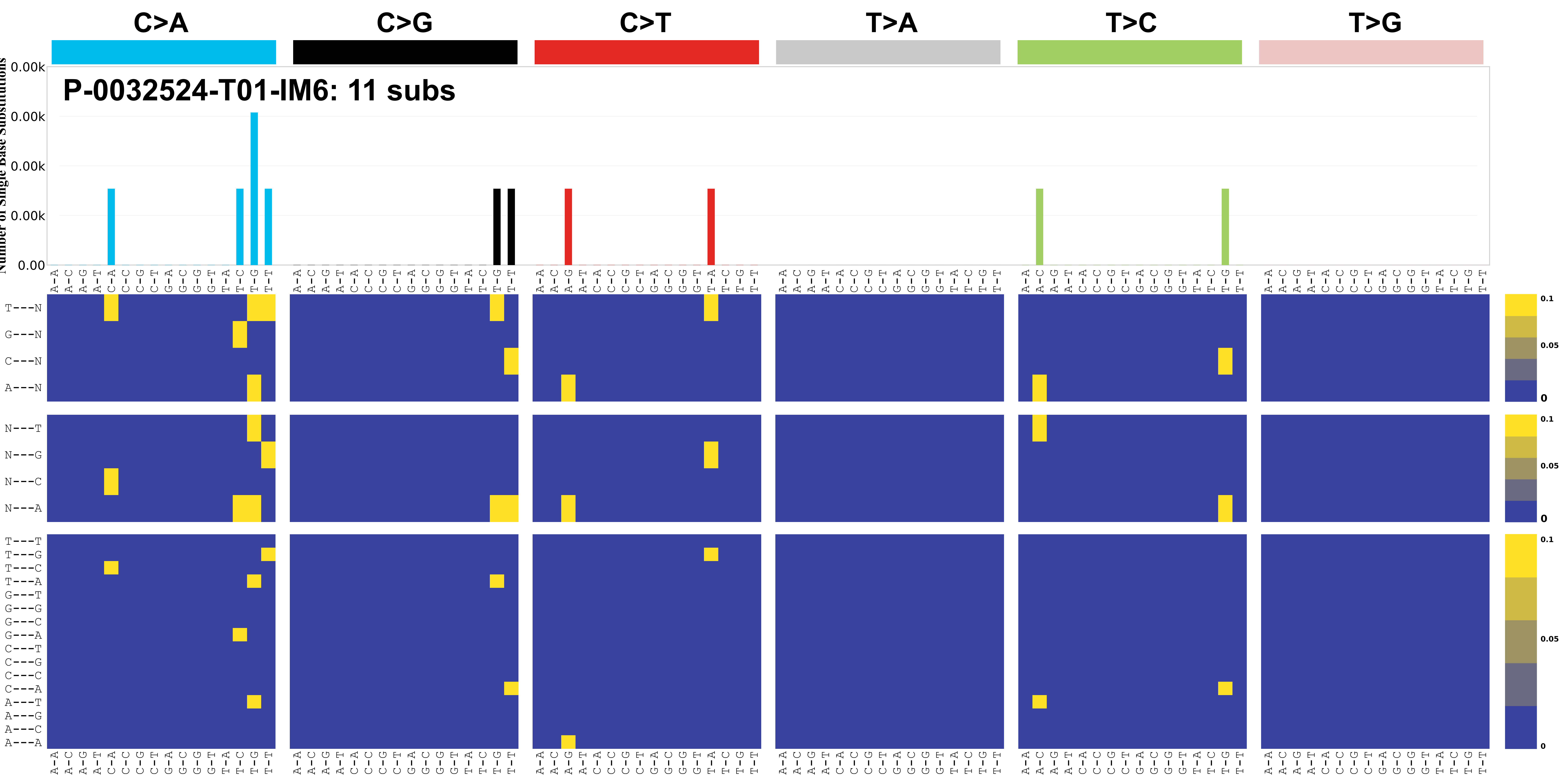
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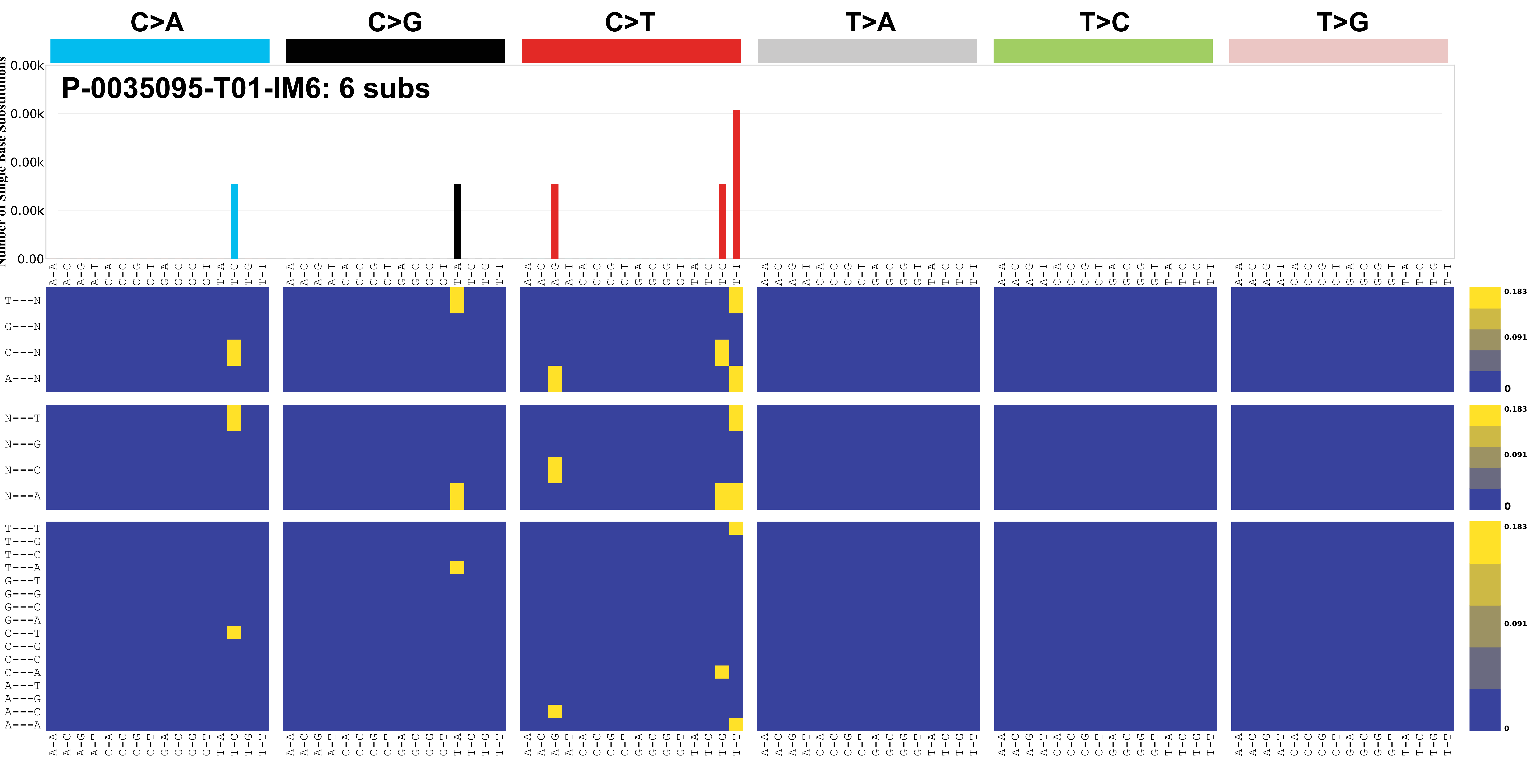
P-0029967-T01-IM6: 43 subs

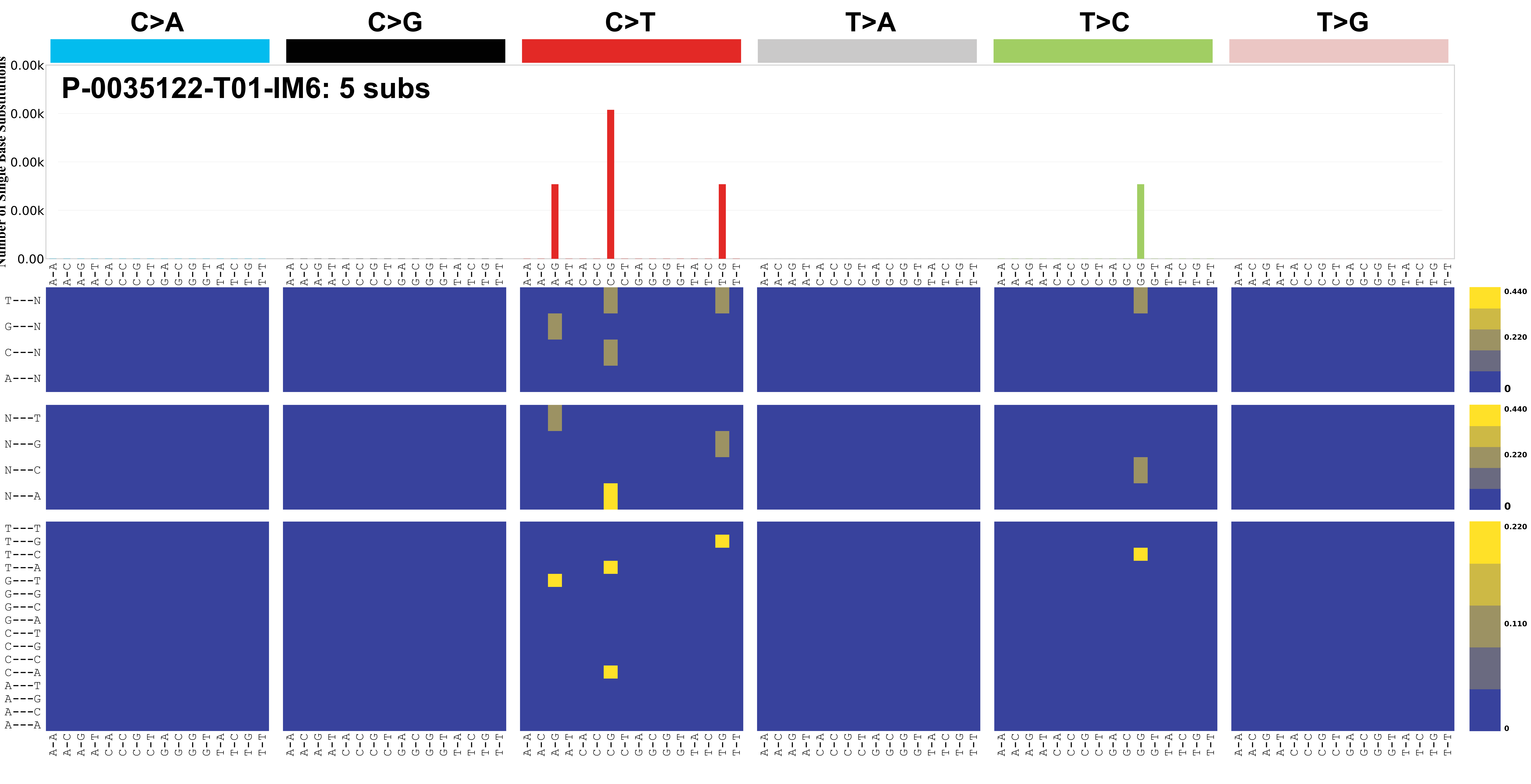
The figure displays the distribution of single base substitutions for 43 subs. The top bar chart shows the number of substitutions for each of the 43 subs, with values ranging from 0.00 to 0.01k. The bottom section consists of a 4x20 grid of heatmaps, where each row represents a category (T---N, N---T, T---T, A---A) and each column represents a position (A-A to T-T). The color scale on the right indicates the magnitude of the substitutions, ranging from 0 to 0.153.

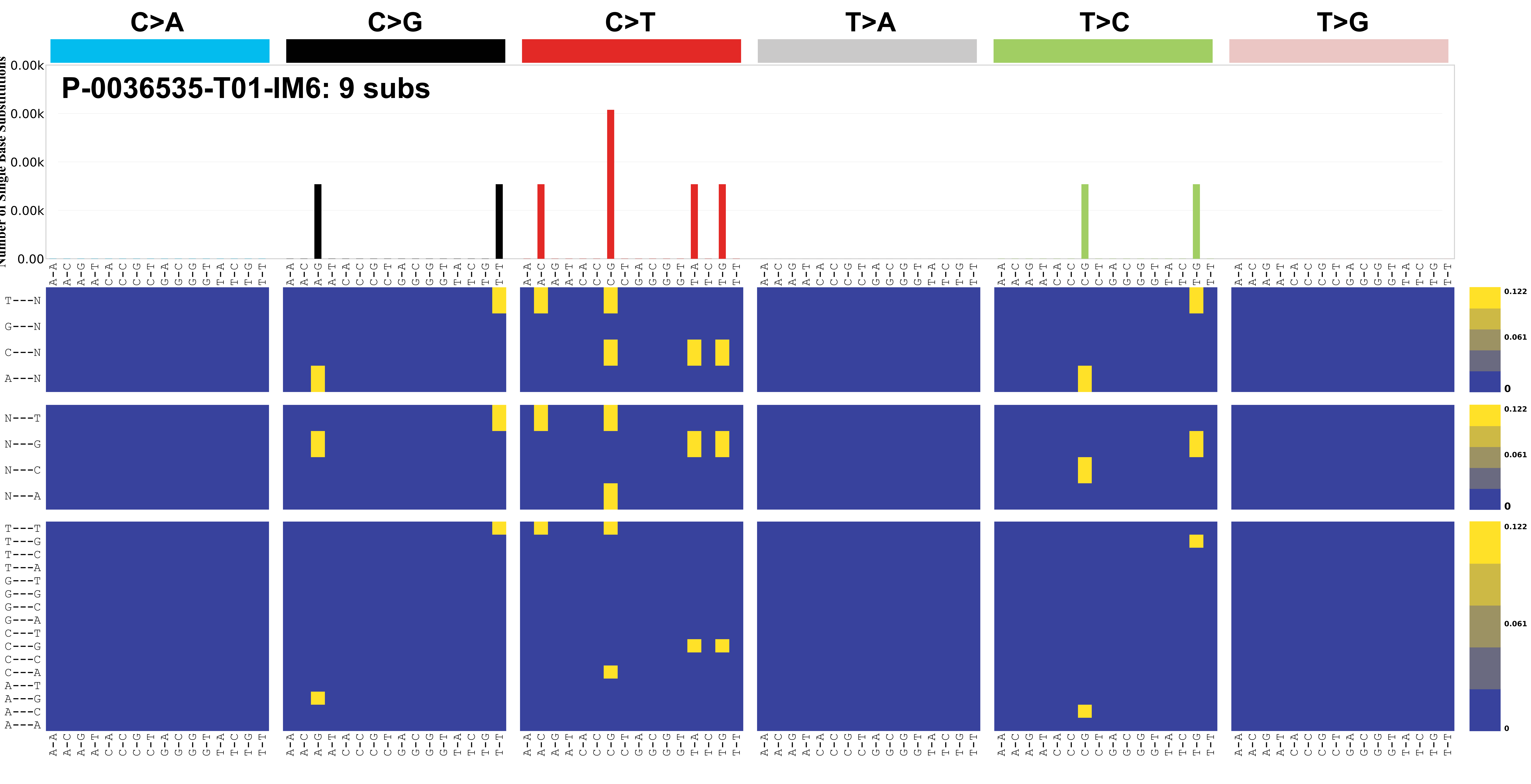


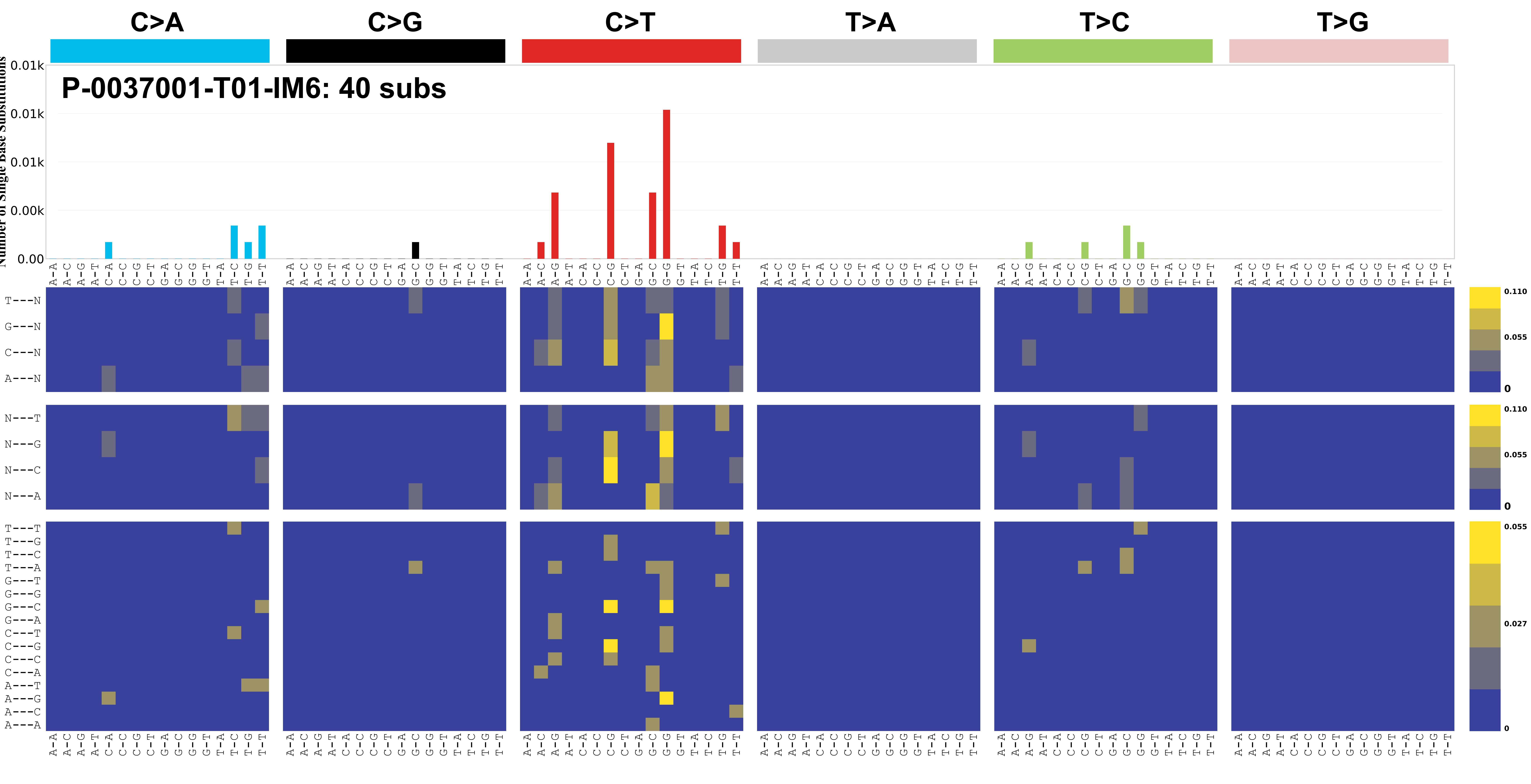


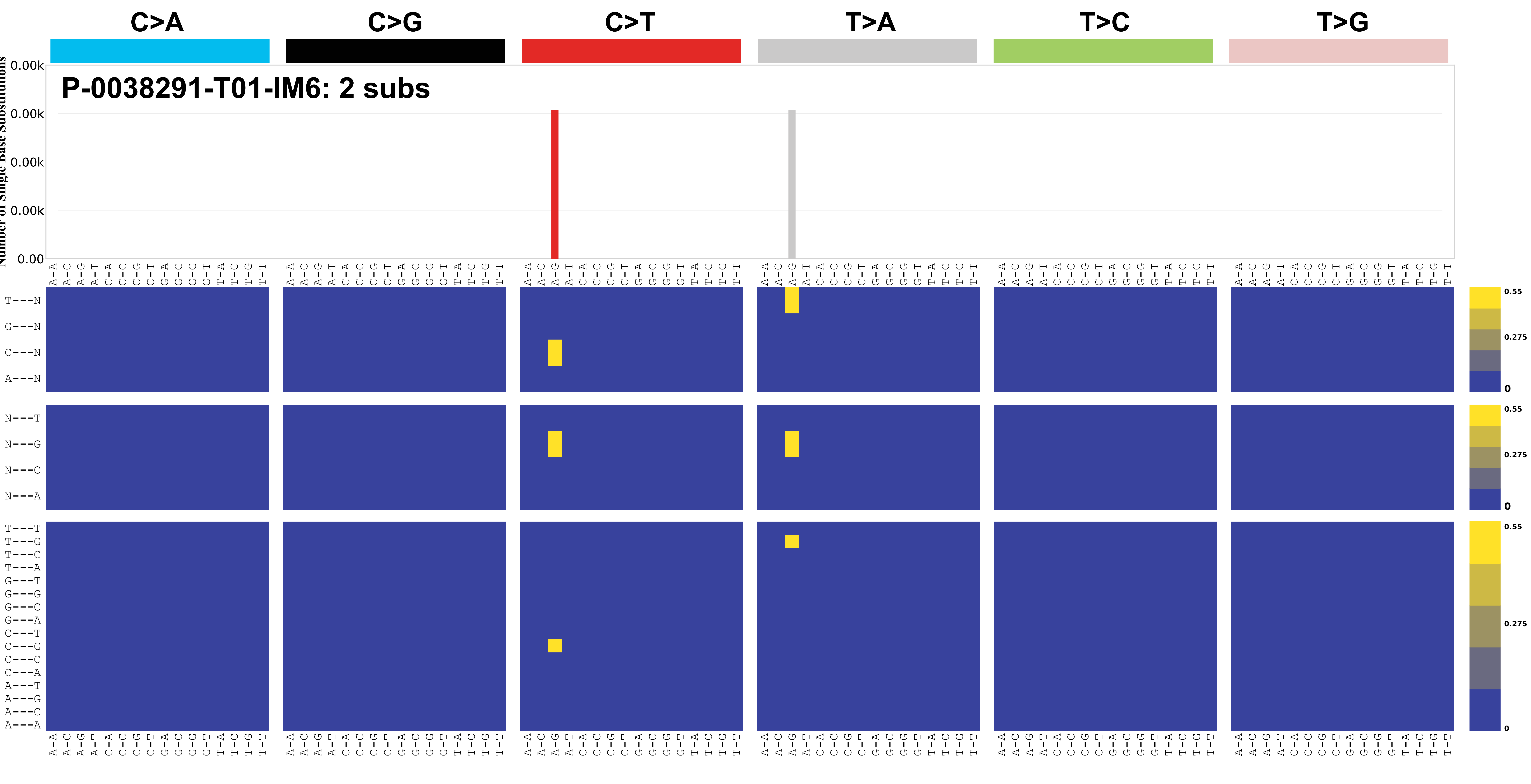


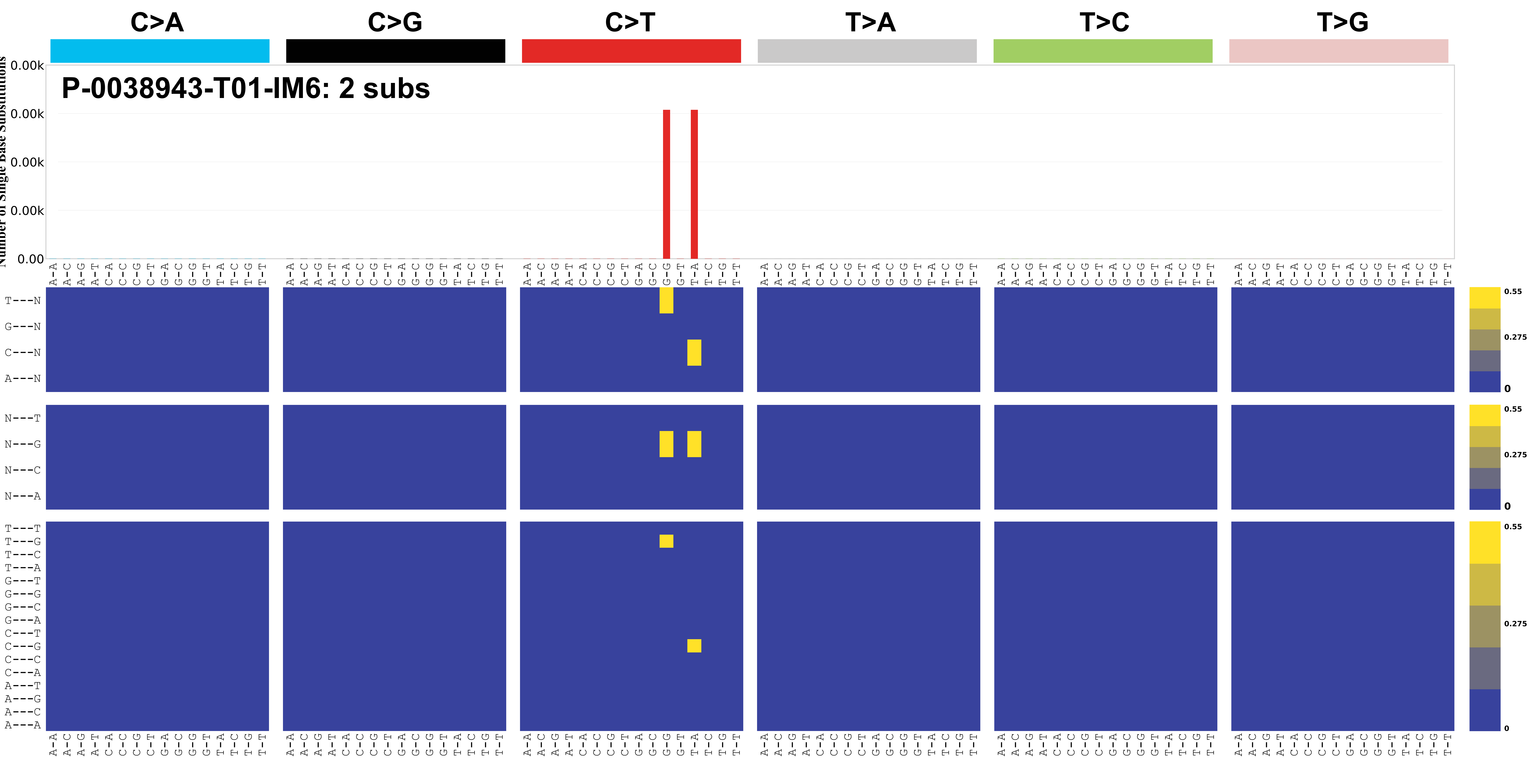


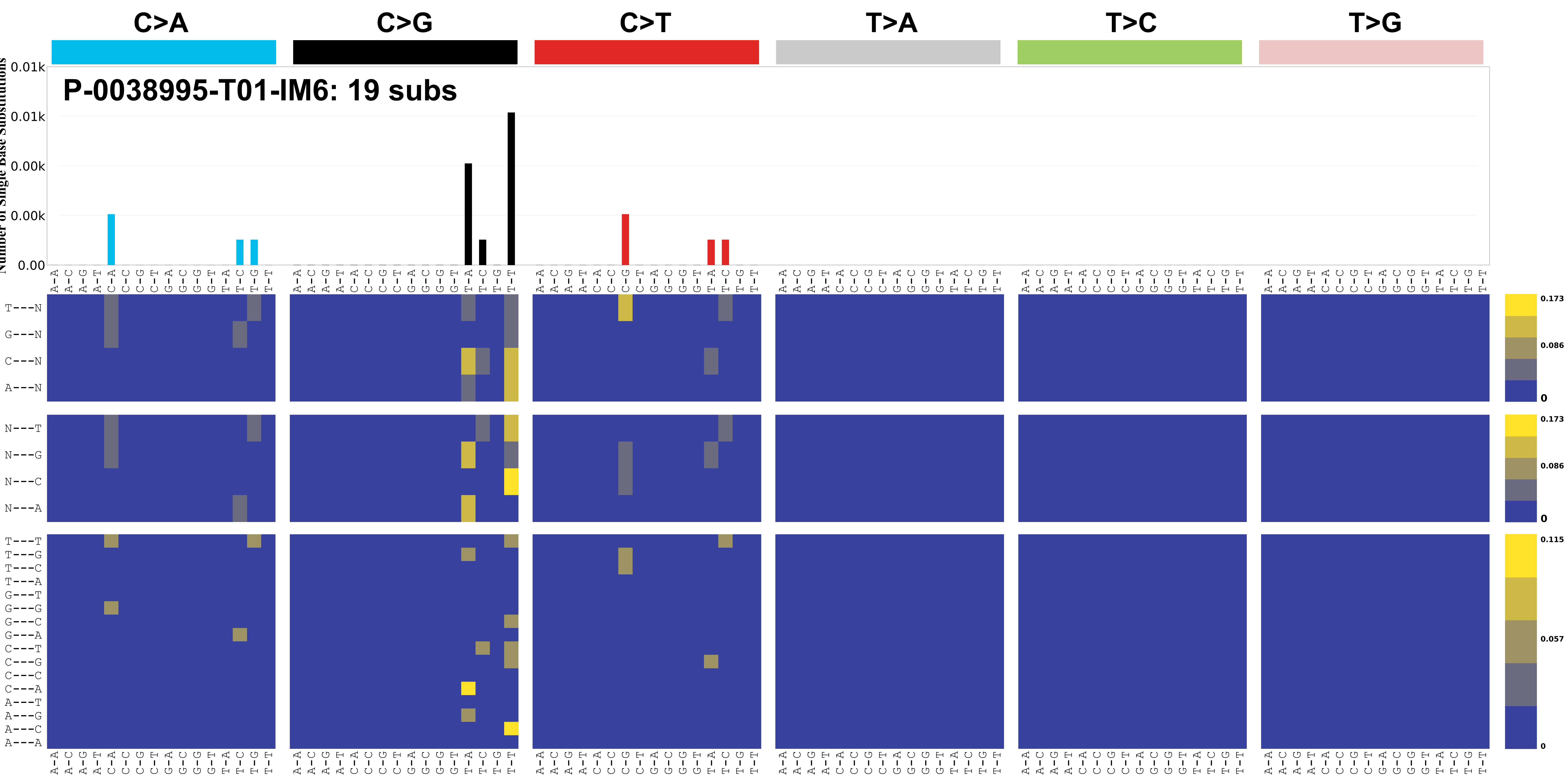


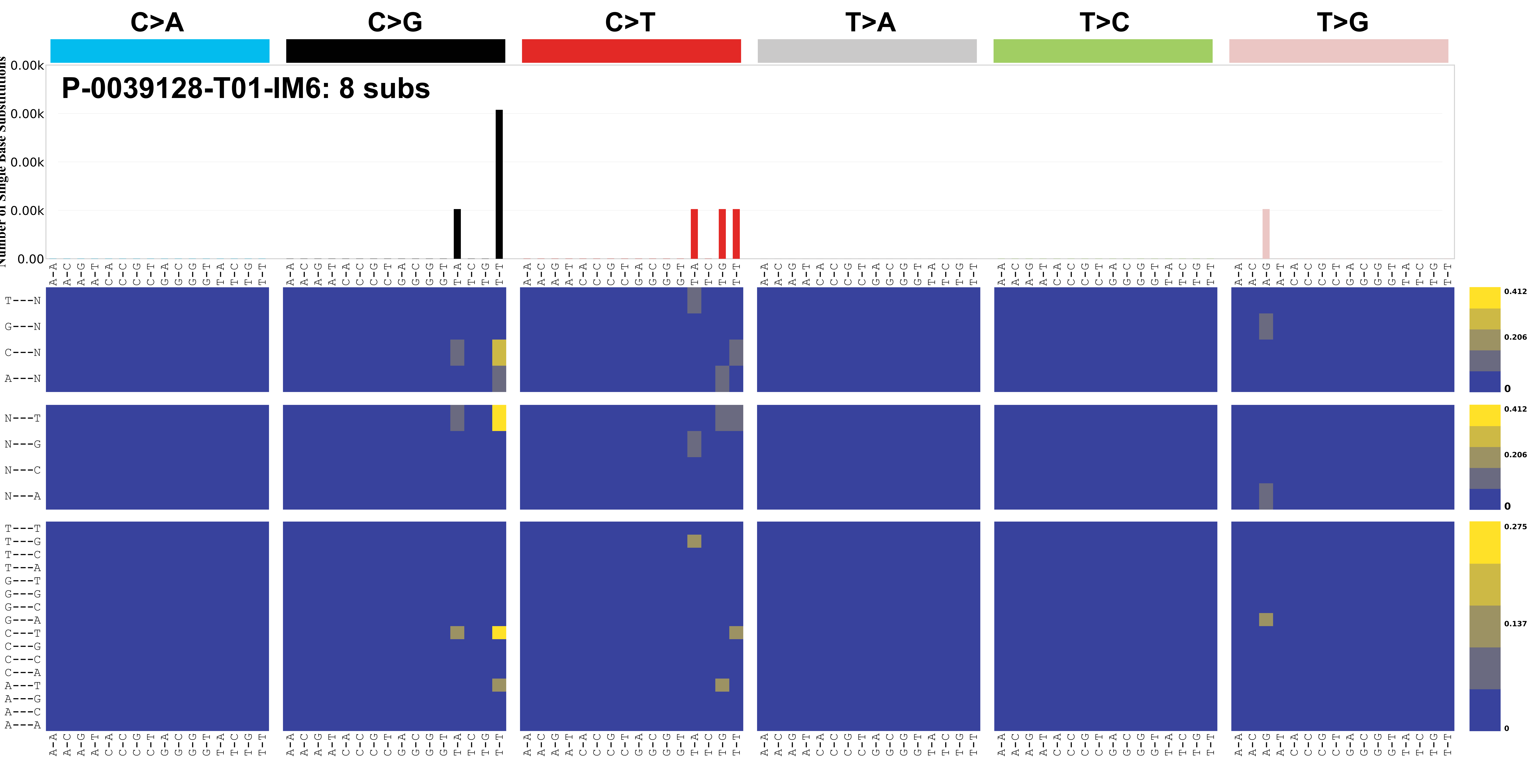


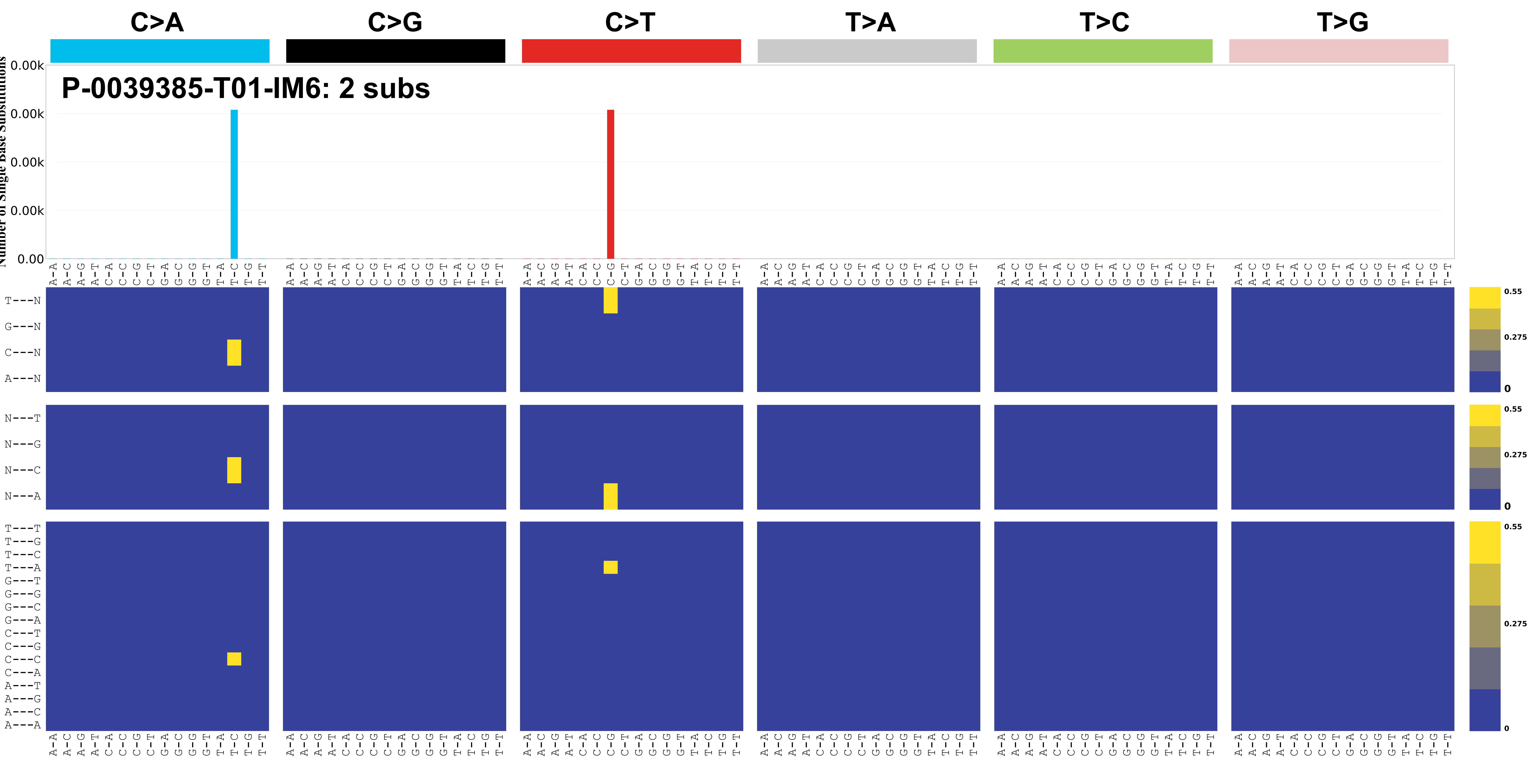




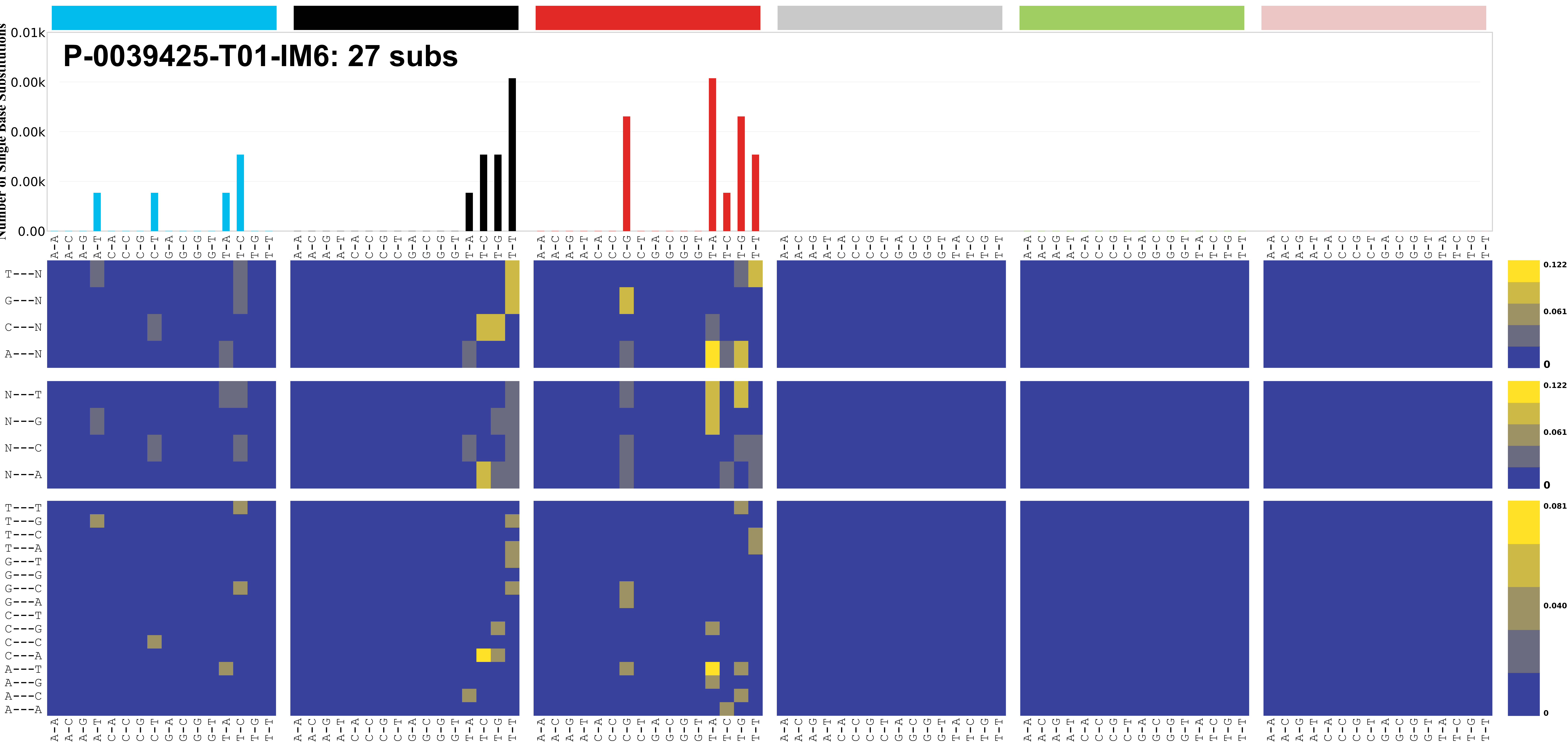




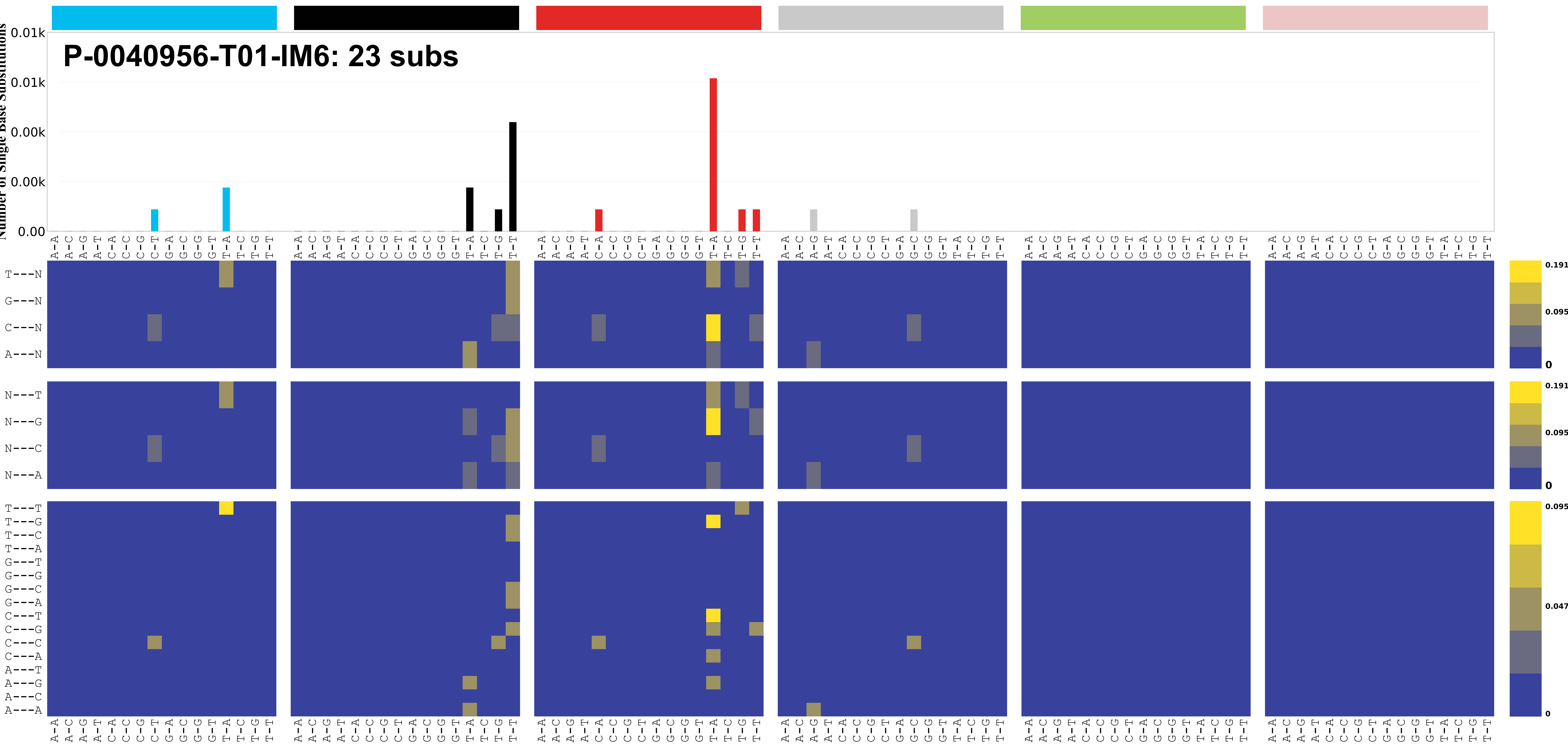


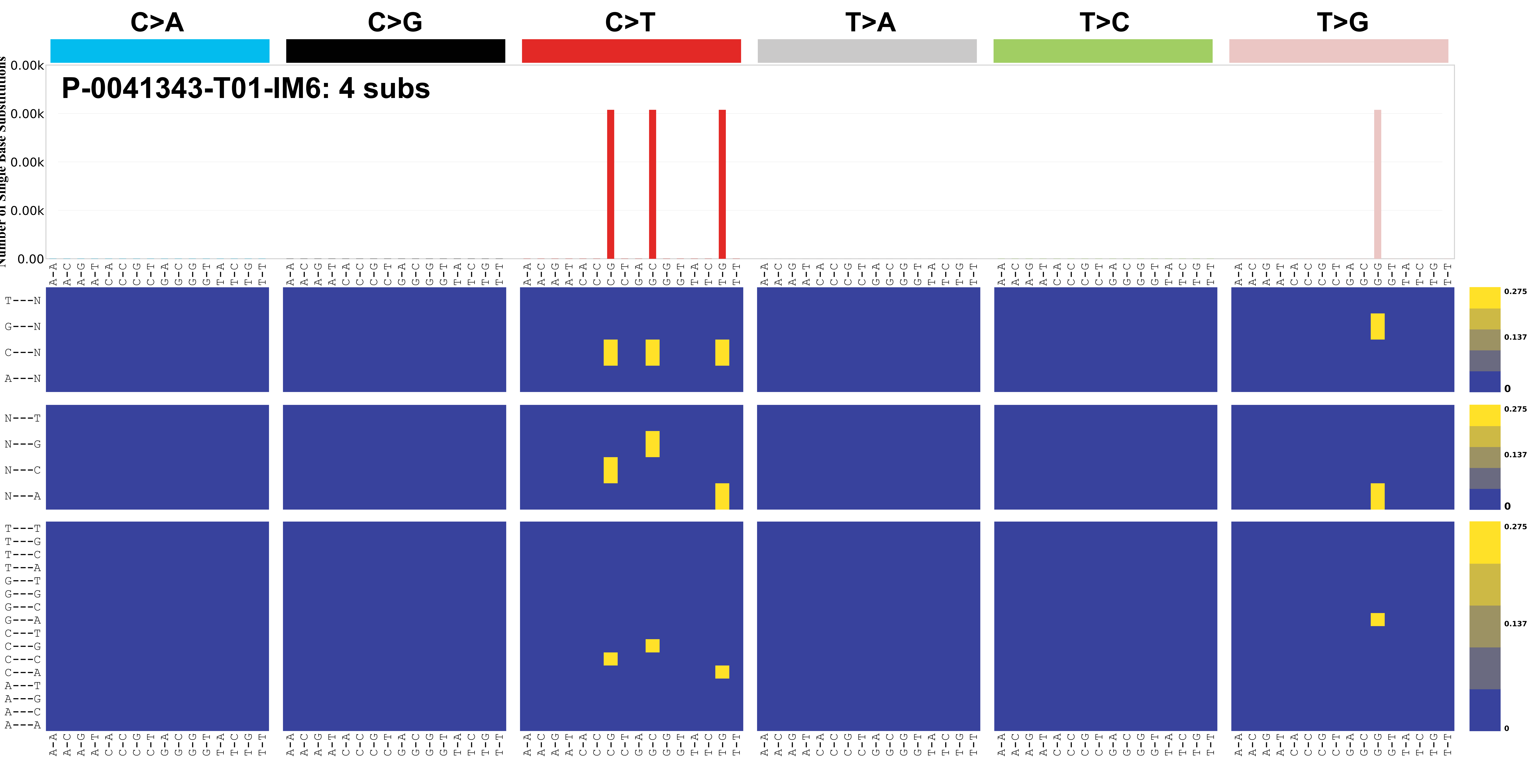


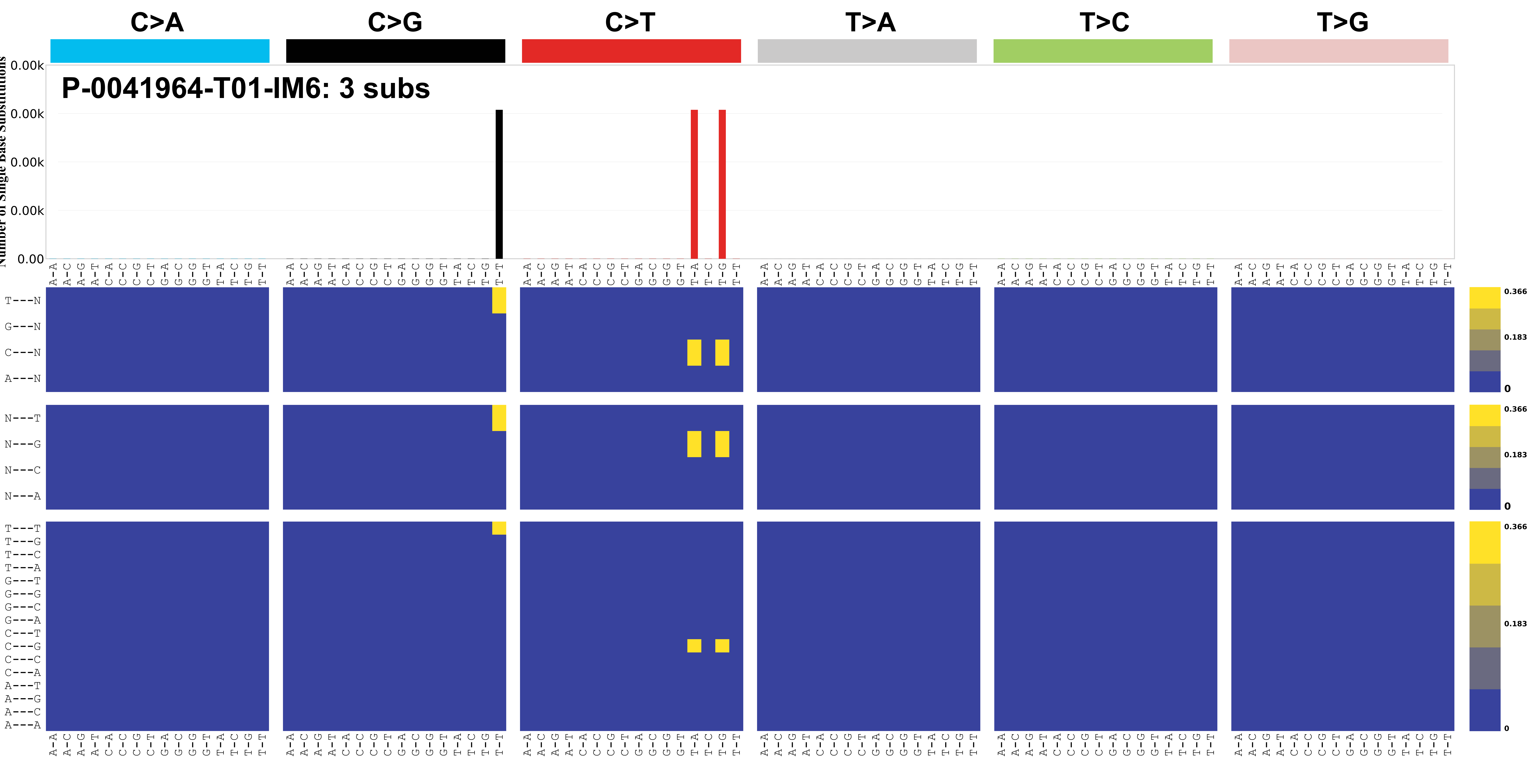
T>G

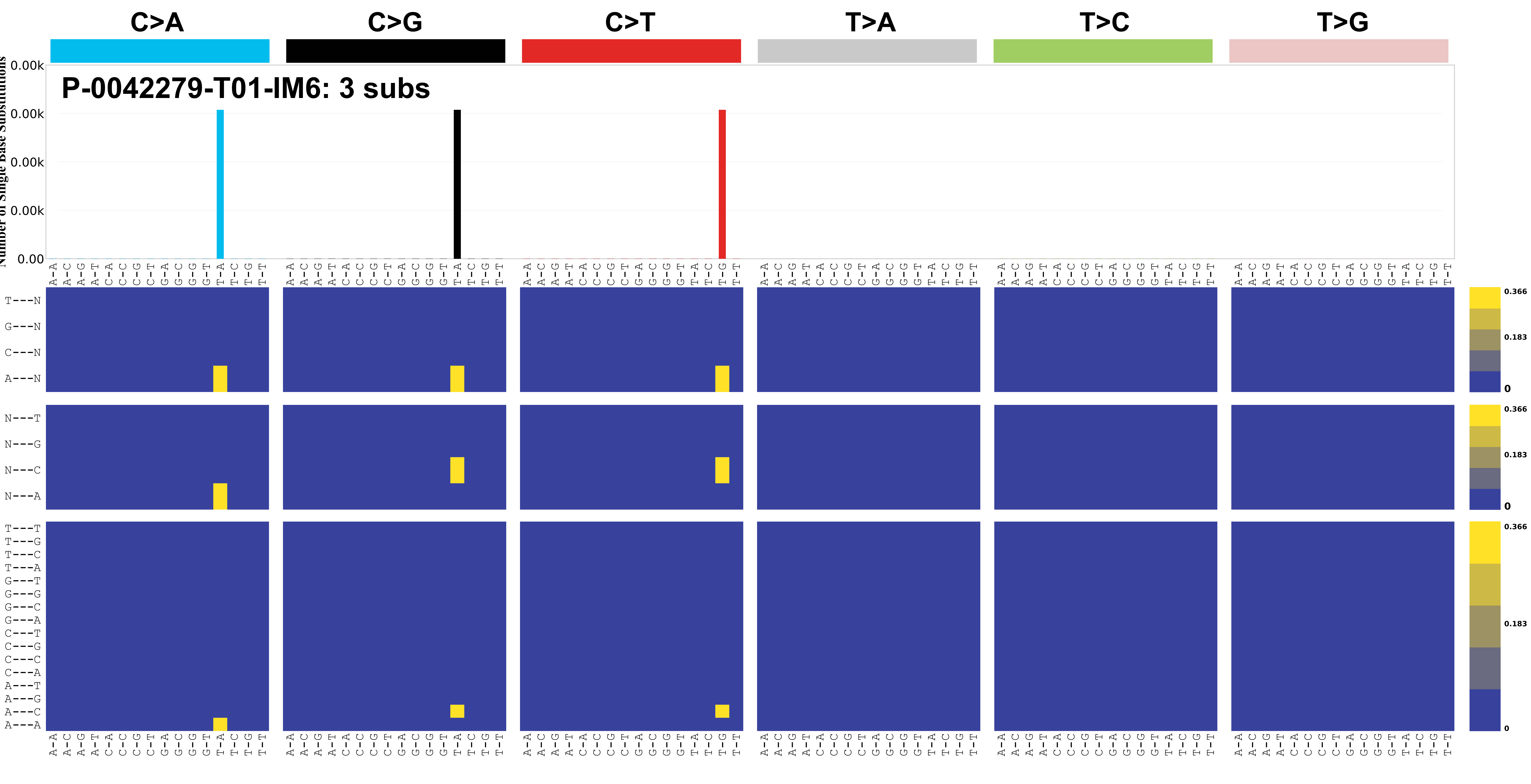


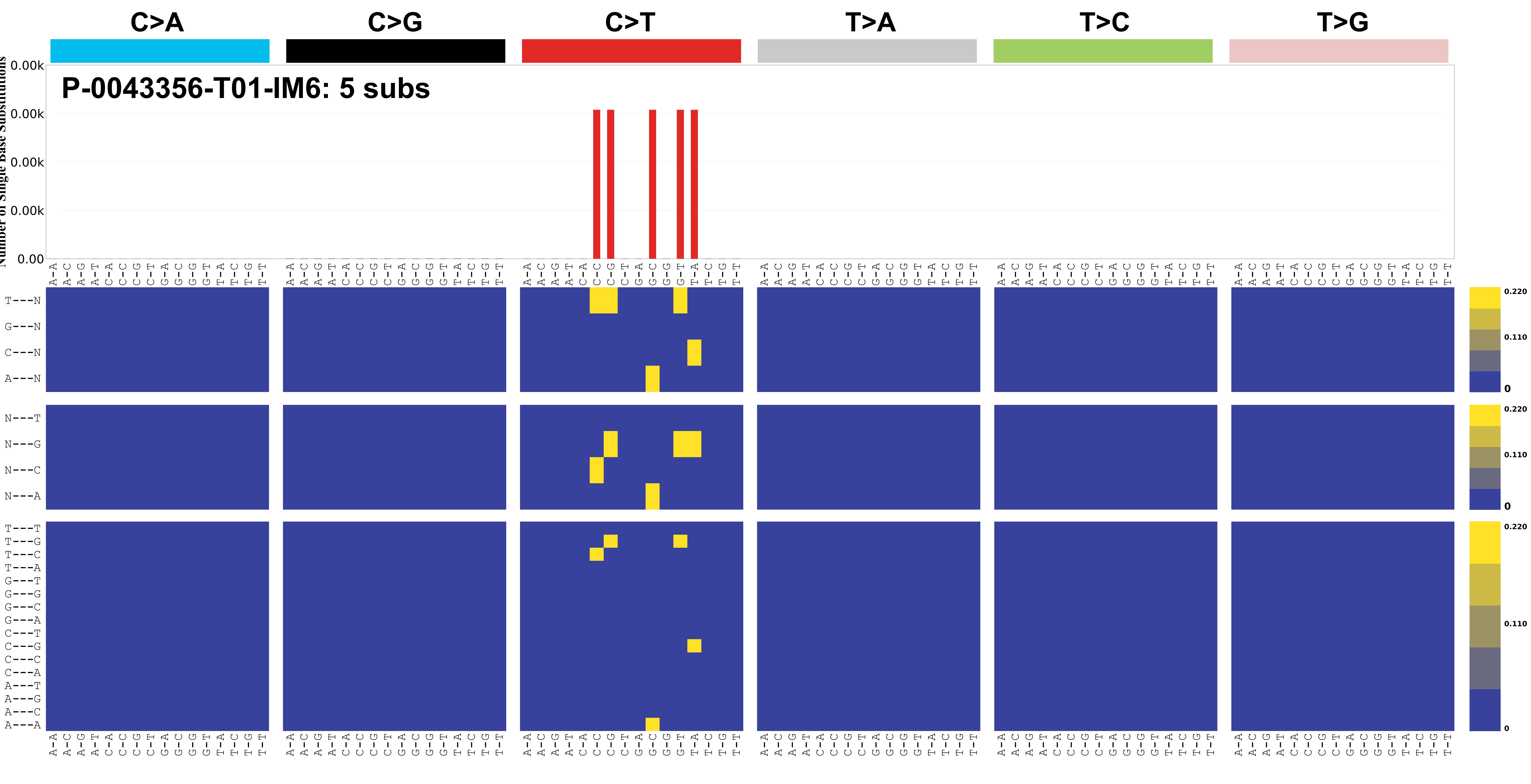
T>G











T>G

