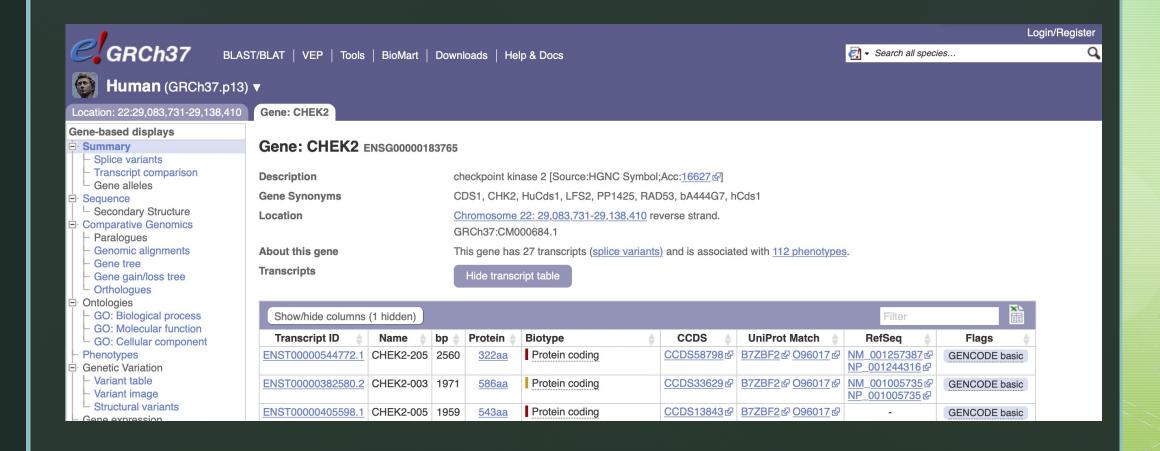
Impact Analysis

S. Ravichandran, PhD., Hood College, Frederick, MD 21701

Let us look at the following CHEK2 transcript. Note that I am in GRCh37

CHEK2 gene

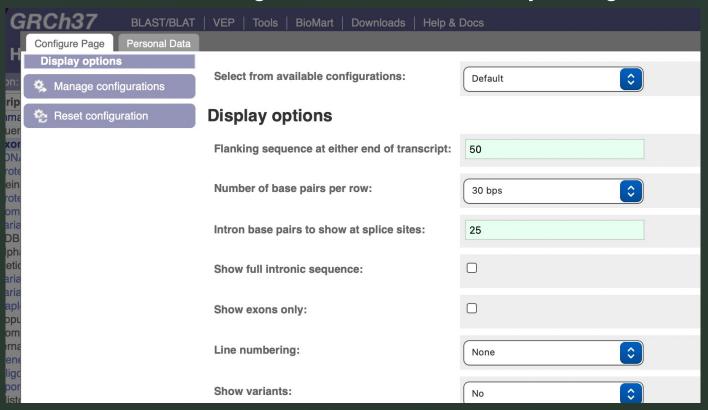
Note that MutationTaster had been built for GRCh37.



Let us look for a specific splice-site segment, AAGAGAGGCAgtaagtacca

Let us look at the following transcript, ENST00000544772

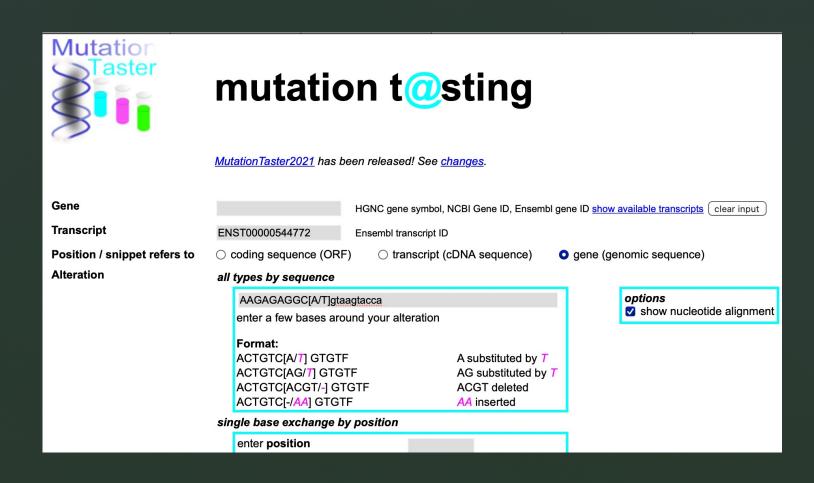
Let us look at the following mutation, . Here is my configuration.



Here is the segment of our interest; this occurs in exon-7 end and spilling into the following intron AAGAGAGGC[A/T]gtaagtacca

								ccatttctactcttttcttccttag
	6	ENSE00003566977	29,115,473	29,115,383	-	2	91	TTTTTGTCTTTTTTGATCTGACTGTAGATG ATCAGTCAGTTTATCCTAAGGCATTAAGAG ATGAATACATCATGTCAAAAACTCTTGGAA G
		Intron 6-7	<u>29,115,382</u>	<u>29,108,006</u>			7,377	gtaaattattttcttatataaatgctcactatctttgtttttccctctag
	7	ENSE00003670158	<u>29,108,005</u>	29,107,897	2	0	109	TGGTGCCTGTGGAGAGGTAAAGCTGGCTTT CGAGAGGAAAACATGTAAGAAAGTAGCCAT AAAGATCATCAGCAAAAGGAAGTTTGCTAT TGGTTCAGCAAGAGAGGCA
		Intron 7-8	<u>29,107,896</u>	<u>29,106,048</u>			1,849	gtaagtaccaataaaaggctgatca
	8	ENSE00003566135	29,106,047	29,105,994	0	0	54	GACCCAGCTCTCAATGTTGAAACAGAAATA GAAATTTTGAAAAAGCTAAATCAT
		Intron 8-9	<u>29,105,993</u>	<u>29,099,555</u>			6,439	gtaagtattattatatgactcatac

Here is the submission page with details



Note the splice site changes summary.

Here is the output:

