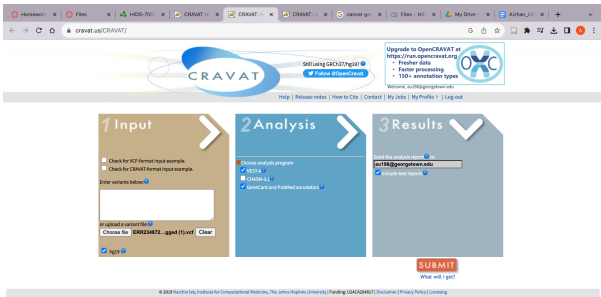
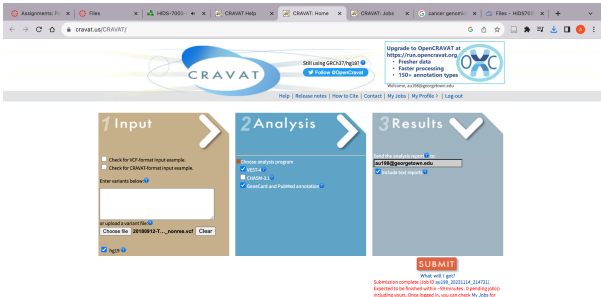


NetID: au198  
Aizhan Uteubayeva

## Homework 11: Variant Analysis of Genomic sequencing data using CRAVAT

Workflow:

I	<p><b>File #1</b></p> <p>Put the settings up for the ERR2348724.sorted.indexed.flagged_1_vcf, vest sample</p> <p>hg19 - clicked Anything else left as default</p>	
II	<p><b>File #2</b></p> <p>Put the settings up for the 0180912_ThymusSomatic_tumorOnly_wo019_nonres.vcf sample</p> <p>hg19 - clicked Anything else left as default</p>	
III	<p>Received the email for the File #1</p>	<p>CRAVAT Result: ERR2348724.sorted.indexed.flagged_1_vcf, vest External Inbox</p> <p>DoNotReply@craivat.us to me Nov 14, 2023, 10:23 PM (22 hours ago) ☆ ↶</p> <p>Your CRAVAT analysis has been completed in 31 minutes 24 seconds.</p> <p>Your CRAVAT analysis result can be downloaded at</p> <p><a href="http://www.craivat.us/CRAVATresult/au198_20231114_215211/au198_20231114_215211.zip">http://www.craivat.us/CRAVATresult/au198_20231114_215211/au198_20231114_215211.zip</a></p> <p>Uncompressing the file will create the directory au198_20231114_215211, which will contain all the analysis result files.</p> <p>Since the number of valid input records was greater than 65000, only TSV (tab-separated values) format text files will be in the directory.</p> <p>Try CRAVAT's new interactive result viewer! The viewer for your job is available at</p> <p><a href="http://www.craivat.us/CRAVATjob_detail.html?job_id=au198_20231114_215211">http://www.craivat.us/CRAVATjob_detail.html?job_id=au198_20231114_215211</a></p> <p>At <a href="http://www.craivat.us/CRAVAT">http://www.craivat.us/CRAVAT</a>, click "Log-in" to log in and use "My Jobs" menu to access the status, information, and result files of your jobs.</p> <p>To do more CRAVAT analysis or for more information on CRAVAT, please visit <a href="http://www.craivat.us/CRAVAT">http://www.craivat.us/CRAVAT</a>.</p> <p>CRAVAT Team</p> <p>Reply Forward</p>

IV	Received the email for the File #2	<div><div>CRAVAT Result: 20180912_ThymusSomatic_tumorOnly_wo019_nonres.vcf, vest</div><div><div>DoNotReply@craivat.us</div><div>Tue, Nov 14, 9:47 PM (22 hours ago)</div></div><div><div>?</div><div>To me</div></div><div>Your CRAVAT analysis has been completed in 32 seconds.</div><div>Your CRAVAT analysis result can be downloaded at</div><div><a href="http://www.craivat.us/CRAVAT/job_detail.html?job_id=au198_20231114_214721_26">http://www.craivat.us/CRAVAT/job_detail.html?job_id=au198_20231114_214721_26</a></div><div>Uncompressing the file will create the directory au198_20231114_214721, which will contain all the analysis result files.</div><div>XLS format file can be opened by Excel or any other spreadsheet program, and TSV format files are tab-separated-values text files.</div><div>Try CRAVAT's new interactive result viewer! The viewer for your job is available at</div><div><a href="http://www.craivat.us/CRAVAT/job_detail.html?job_id=au198_20231114_214721">http://www.craivat.us/CRAVAT/job_detail.html?job_id=au198_20231114_214721</a></div><div>At <a href="http://www.craivat.us/CRAVAT">http://www.craivat.us/CRAVAT</a>, click "Log-in" to log in and use "My Jobs" menu to access the status, information, and result files of your jobs.</div><div>To do more CRAVAT analysis or for more information on CRAVAT, please visit <a href="http://www.craivat.us/CRAVAT">http://www.craivat.us/CRAVAT</a>.</div><div>CRAVAT Team</div></div>																																																			
V	<div>Jobs for au198@georgetown.edu</div> <div><div><div><div>Last 7 days</div><div>Last 30 days</div><div>Last 365 days</div></div><div>From 11/8/2023 To 11/15/2023</div><div><div><div>Failed jobs only</div><div>Update/Refresh</div></div></div></div></div> <table><thead><tr><th>Job ID</th><th>Status</th><th>Result</th><th>Input file</th><th># mutations</th><th>hg19</th><th>Analysis</th><th>Run time</th><th>Start time</th><th>End time</th><th>Log</th><th>Delete</th><th>Results</th></tr></thead><tbody><tr><td>au198_20231114_215211</td><td>Completed</td><td><div><div>Explore</div><div>Download</div></div></td><td>ERR2348724.sorted.indexed.flagged_1_vcf</td><td>524256</td><td>*</td><td>VEST</td><td>31:47</td><td>2023-11-14 09:52:12 PM</td><td>2023-11-14 10:23:59 PM</td><td><div><div></div><div></div></div></td><td><div><div></div><div></div></div></td><td></td></tr><tr><td>au198_20231114_214721</td><td>Completed</td><td><div><div>Explore</div><div>Download</div></div></td><td>20180912_ThymusSomatic_tumorOnly_wo019_nonres.vcf</td><td>4889</td><td>*</td><td>VEST</td><td>33</td><td>2023-11-14 09:47:22 PM</td><td>2023-11-14 09:47:55 PM</td><td><div><div></div><div></div></div></td><td><div><div></div><div></div></div></td><td></td></tr><tr><td>au198_20231114_214137</td><td>Completed</td><td><div><div>Explore</div><div>Download</div></div></td><td>ERR2348724.sorted.indexed.flagged.vcf</td><td>474183</td><td>*</td><td>VEST</td><td>25:00</td><td>2023-11-14 09:41:39 PM</td><td>2023-11-14 10:06:39 PM</td><td><div><div></div><div></div></div></td><td><div><div></div><div></div></div></td><td></td></tr></tbody></table>	Job ID	Status	Result	Input file	# mutations	hg19	Analysis	Run time	Start time	End time	Log	Delete	Results	au198_20231114_215211	Completed	<div><div>Explore</div><div>Download</div></div>	ERR2348724.sorted.indexed.flagged_1_vcf	524256	*	VEST	31:47	2023-11-14 09:52:12 PM	2023-11-14 10:23:59 PM	<div><div></div><div></div></div>	<div><div></div><div></div></div>		au198_20231114_214721	Completed	<div><div>Explore</div><div>Download</div></div>	20180912_ThymusSomatic_tumorOnly_wo019_nonres.vcf	4889	*	VEST	33	2023-11-14 09:47:22 PM	2023-11-14 09:47:55 PM	<div><div></div><div></div></div>	<div><div></div><div></div></div>		au198_20231114_214137	Completed	<div><div>Explore</div><div>Download</div></div>	ERR2348724.sorted.indexed.flagged.vcf	474183	*	VEST	25:00	2023-11-14 09:41:39 PM	2023-11-14 10:06:39 PM	<div><div></div><div></div></div>	<div><div></div><div></div></div>	
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VIII	The output file of one of the samples	<div><div><div>Gene_Level_Analysis.Result.tsv</div><div>Today at 03:23</div><div>3.9 MB</div><div>TSV Document</div></div><div><div>Input_Errors.Result.tsv</div><div>Today at 03:23</div><div>2.3 MB</div><div>TSV Document</div></div><div><div>Variant_Additional_Details.Result.tsv</div><div>Today at 03:23</div><div>10.1 MB</div><div>TSV Document</div></div><div><div>Variant_Non-coding.Result.tsv</div><div>Today at 03:23</div><div>204.6 MB</div><div>TSV Document</div></div><div><div>Variant.Result.tsv</div><div>Today at 03:23</div><div>18.2 MB</div><div>TSV Document</div></div></div>																																																			