## Data Frame Summary

## csv\_input

**Dimensions**: 49661 x 31

**Duplicates**: 0

No	Variable	Stats / Values	Freqs (% of Valid)	Graph	Valid	Missing
1	project_id [factor]	1. CGCI-BLGSP 2. FM-AD 3. HCMI-CMDC 4. TCGA-ACC 5. TCGA-BLCA 6. TCGA-BRCA 7. TCGA-CESC 8. TCGA-CHOL 9. TCGA-COAD 10. TCGA-DLBC [25 others]	978 ( 2.0%) 17903 (36.1%) 137 ( 0.3%) 327 ( 0.7%) 929 ( 1.9%) 3186 ( 6.4%) 606 ( 1.2%) 114 ( 0.2%) 1493 ( 3.0%) 106 ( 0.2%) 23882 (48.1%)		49661 (100.0%)	0 (0.0%)
2	case_id [factor]	1. 00016c8f-a0be-4319-9c42-4 2. 00048fa6-4318-42ef-9709-7 3. 0004d251-3f70-4395-b175-c 4. 00061f34-c891-4f9c-b8d6-3 5. 000aa4f6-473f-4cc1-9392-a 6. 000d566c-96c7-4f1c-b36e-f 7. 000da8b9-7511-4097-ae68-2 8. 000e0a5a-82fc-45a2-ab70-b 9. 0011a67b-1ba9-4a32-a6b8-7 10. 0014362c-6687-4462-b8a2-8 [ 29090 others ]	1 ( 0.0%) 1 ( 0.0%) 2 ( 0.0%) 1 ( 0.0%) 1 ( 0.0%) 3 ( 0.0%) 1 ( 0.0%) 3 ( 0.0%) 1 ( 0.0%) 49646 (100.0%)		49661 (100.0%)	0 (0.0%)
3	case_submitter_id [factor]	1. AD10 2. AD100 3. AD1000 4. AD10000 5. AD10001 6. AD10002 7. AD10003 8. AD10004 9. AD10005 10. AD10006 [29090 others]	1 ( 0.0%) 1 ( 0.0%) 49651 (100.0%)		49661 (100.0%)	0 (0.0%)
4	sample_id [factor]	1. 0002a8e8-b820-47d7-a45f-3 2. 0003bde8-b7af-46d7-908f-2 3. 0003bfc0-c5aa-4087-8ebe-2 4. 00043ff1-c5d2-414f-803d-1 5. 00072d12-e3c4-4cba-9b39-3 6. 000ff4ec-e1f3-484a-9e19-b 7. 00103fa5-ff7e-4a1d-ad8a-9 8. 0012aaaf-f0e6-49f4-8102-b 9. 00134bf4-6643-4f1a-aa78-9 10. 00139a5b-d1de-4ea9-844e-3 [41125 others]	1 ( 0.0%) 1 ( 0.0%) 49651 (100.0%)		49661 (100.0%)	0 (0.0%)

No	Variable	Stats / Values	Freqs (% of Valid)	Graph	Valid	Missing
5	sample_submitter_id [factor]	1. AD10_sample 2. AD100_sample 3. AD1000_sample 4. AD10000_sample 5. AD10001_sample 6. AD10002_sample 7. AD10003_sample 8. AD10004_sample 9. AD10005_sample 10. AD10006_sample [41125 others]	1 ( 0.0%) 1 ( 0.0%) 49651 (100.0%)		49661 (100.0%)	0 (0.0%)
6	portion_id [factor]	1. 000296db-34cf-417a-833f-0 2. 00061c54-1d11-5421-852d-b 3. 00067661-ba63-48d8-8b6a-1 4. 00077e16-aeba-4bfe-a87d-8 5. 00082da7-1af2-4001-a0da-3 6. 0009fb7b-b1b4-4edd-9653-e 7. 000a5326-2197-4723-927c-3 8. 000dd91c-e216-5d14-ba3b-f 9. 000e112a-bff3-5998-8091-b 10. 00141421-6d00-4f96-96a3-2 [44272 others]	1 ( 0.0%) 1 ( 0.0%) 49651 (100.0%)		49661 (100.0%)	0 (0.0%)
7	portion_submitter_id [factor]	1. BLGSP-71-06-00001-01A-11 2. BLGSP-71-06-00002-01C-01 3. BLGSP-71-06-00002-01D-01 4. BLGSP-71-06-00004-01A-11 5. BLGSP-71-06-00007-01A-11 6. BLGSP-71-06-00008-01A-11 7. BLGSP-71-06-00008-01B-01 9. BLGSP-71-06-00012-01A-11 10. BLGSP-71-06-00013-01B-11 [13890 others]	2 ( 0.0%) 2 ( 0.0%) 19259 (99.9%)		19279 (38.8%)	30382 (61.2%)
8	slide_id [factor]	1. 0001cb58-07fa-41da-85f1-b 2. 00028b6f-b5bb-4af1-aae5-2 3. 000449b8-7de3-4bc0-acd4-e 4. 0004b6bc-ee9f-4208-9600-8 5. 0004ff62-b5bd-4620-a730-8 6. 00053cac-2fef-4839-866f-2 7. 0006b69c-1966-4c40-a259-8 8. 00087f0c-3db4-41b0-a1f0-e 9. 0009929c-e965-4fcd-9f94-9 10. 0009f0d6-4234-434b-8547-e [ 49473 others ]	1 ( 0.0%) 1 ( 0.0%) 49651 (100.0%)		49661 (100.0%)	0 (0.0%)

No	Variable	Stats / Values	Freqs (% of Valid)	Graph	Valid	Missing
9	slide_submitter_id [factor]	1. AD10_slide 2. AD100_slide 3. AD1000_slide 4. AD10000_slide 5. AD10001_slide 6. AD10002_slide 7. AD10003_slide 8. AD10004_slide 9. AD10005_slide 10. AD10006_slide [ 49473 others ]	1 ( 0.0%) 1 ( 0.0%) 49651 (100.0%)		49661 (100.0%)	0 (0.0%)
10	bone_marrow_malignant_cells [logical]	All NA's			0 (0.0%)	49661 (100.0%)
11	number_proliferating_cells [logical]	All NA's			0 (0.0%)	49661 (100.0%)
12	percent_eosinophil_infiltration [logical]	All NA's			0 (0.0%)	49661 (100.0%)
13	percent_follicular_component [logical]	All NA's			0 (0.0%)	49661 (100.0%)
14	percent_granulocyte_infiltration [logical]	All NA's			0 (0.0%)	49661 (100.0%)
15	percent_inflam_infiltration [logical]	All NA's			0 (0.0%)	49661 (100.0%)
16	percent_lymphocyte_infiltration [numeric]	Mean (sd): 7.929 (15.378) min < med < max: 0 < 2 < 100 IQR (CV): 7 (1.939)	46 distinct values		11265 (22.7%)	38396 (77.3%)
17	percent_monocyte_infiltration [numeric]	Mean (sd): 2.45 (6.693) min < med < max: 0 < 0 < 100 IQR (CV): 1 (2.732)	26 distinct values		10803 (21.8%)	38858 (78.2%)
18	percent_necrosis [numeric]	Mean (sd): 3.162 (6.801) min < med < max: 0 < 0 < 100 IQR (CV): 5 (2.151)	43 distinct values		17303 (34.8%)	32358 (65.2%)
19	percent_neutrophil_infiltration [numeric]	Mean (sd): 2.355 (6.92) min < med < max: 0 < 0 < 100 IQR (CV): 1 (2.938)	31 distinct values		10820 (21.8%)	38841 (78.2%)
20	percent_normal_cells [numeric]	Mean (sd): 8.171 (21.686) min < med < max: 0 < 0 < 100 IQR (CV): 5 (2.654)	81 distinct values		17180 (34.6%)	32481 (65.4%)
21	percent_rhabdoid_features [logical]	All NA's			0 (0.0%)	49661 (100.0%)

No	Variable	Stats / Values	Freqs (% of Valid)	Graph	Valid	Missing
22	percent_sarcomatoid_features [logical]	All NA's			0 (0.0%)	49661 (100.0%)
23	percent_stromal_cells [numeric]	Mean (sd): 14.7 (17.527) min < med < max: 0 < 10 < 100 IQR (CV): 20 (1.192)	97 distinct values		17073 (34.4%)	32588 (65.6%)
24	percent_tumor_cells [numeric]	Mean (sd): 74.084 (26.26) min < med < max: 0 < 80 < 100 IQR (CV): 25 (0.354)	96 distinct values		17242 (34.7%)	32419 (65.3%)
25	percent_tumor_nuclei [numeric]	Mean (sd): 57.696 (27.193) min < med < max: 0 < 65 < 100 IQR (CV): 50 (0.471)	75 distinct values		35207 (70.9%)	14454 (29.1%)
26	prostatic_chips_positive_count [logical]	All NA's			0 (0.0%)	49661 (100.0%)
27	prostatic_chips_total_count [logical]	All NA's			0 (0.0%)	49661 (100.0%)
28	prostatic_involvement_percent [logical]	All NA's			0 (0.0%)	49661 (100.0%)
29	section_location [factor]	1. BOTTOM 2. Not Applicable 3. TOP	5060 (13.6%) 17903 (48.2%) 14157 (38.1%)		37120 (74.7%)	12541 (25.3%)
30	state [factor]	1. released	49661 (100.0%)		49661 (100.0%)	0 (0.0%)
31	tissue_microarray_coordinates [factor]	1. A1,E3,C5 2. A2,C4,D6 3. A3,C3,D4 4. B1,E2,C4 5. B1,E2,D5 6. B2,C4,D6 7. B2,D3,E3 8. B2,D4,A5 9. C1,B4,E5 10. C1,D4,A5 [12 others]	12 ( 6.9%) 6 ( 3.4%) 6 ( 3.4%) 12 ( 6.9%) 6 ( 3.4%) 12 ( 6.9%) 12 ( 6.9%) 12 ( 6.9%) 90 (51.7%)		174 (0.4%)	49487 (99.6%)

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