Thyroid cancer (THCA):

* mRNA molecular subtypes: 1, 2, 3, 4, 5 (THCA\_RNA\_Subtypes.xlsx)
* histological subtype: follicular, tall cell, classical, other (THCA.clinical.xlsx, column: histological\_type “AJ”)

Prostate cancer (PRAD)

* molecular subtypes: 1 – ERG, 2 – ETV1, 3 – ETV4, 4 – FLI1, 5 – SPOP, 6 – FOXA1, 7 – IDH1 (Table\_S1\_PRAD. xlsx, column C)
* histological subtype: acinar, other (PRAD.clinical.xls, column: histological\_type “AQ”)

Kidney cancer (KIPAN)

* molecular subtypes (KICH - Eosinophilic: 0, 1 – KICH\_subtypes.xlsx; KIRC – mRNA\_cluster: 1, 2, 3, 4 – KIRC\_Data\_file\_S9\_mRNA\_miRNA\_cluster\_assignments; KIRP – mRNA\_cluster: 1, 2, 3 - KIRP\_compiled\_clinical\_molecular\_features\_for\_supp\_012715.xlsx)
* histological subtypes: KIRC, KICH, KIRP
* histological subtypes: KIRP – type 1 papillary & type2 papillary - KIRP\_compiled\_clinical\_molecular\_features\_for\_supp\_012715.xlsx)

Breast cancer (BRCA)

* molecular subtypes: basal, luminal A, luminal B, HER2+ (subtypes\_BRCA.xlsc)

Bladder cancer (BLCA)

* mRNA molecular subtypes: 1, 2, 3, 4 (BLCA\_mRNA\_Clusters)
* histological subtype: papillary vs non-papillary (BLCA.clinical.xls; column: diagnosis\_subtype “AQ”)

Lung cancer (LUSC, LUAD)

* LUNG basic histological subtypes: LUSC, LUAD (LUNG.clinical.xls, column: primary\_disease “AT”)
* LUAD histological subtypes: acinar adenocarcinoma, mixed adenocarcinoma, adenocarcinoma not specified, bronchioalveolar, clear cell adenocarcinoma, micropapillary adenocarcinoma, mucinous adenocarcinoma, mucinous adenocarcinoma, papillary adenocarcinoma, solid pattern predominant adenocarcinoma, mucinous (LUNG.clinical.xls, column; histology\_type “BV”)
* LUSC histological subtypes: basaloid squamous cell carcinoma, papillary squamous cell carcinoma, squamous cell carcinoma not specified (LUNG.clinical.xls, column; histology\_type “BV”)
* LUAD mRNA subtype: squamoid, bronchoid, magnoid (PanCancer\_Subtypes.xlsx, LUAD.mRNA column)
* LUSC mRNA subtype: secretory, primitive, classical, basal (PanCancer\_Subtypes.xlsx, LUSC.mRNA column; LUSC\_mRNA\_Subtypes\_data.file.S7.5.clinical.and.genomic.data.table.xls)

Head and neck cancer (HNSC)

* Molecular subtypes: mesenchymal, basal, atypical, classical (HNSC\_Subtypes\_Table\_7.2)

Stomach and Esophageal cancer (STES):

* Stomach cancer (STAD) – molecular subtypes: EBV, MSI, GS, CIN (2014 TCGA STAD Master patient Table 20130207.xls, column: Molecular Subtype “U”)
* Stomach cancer (STAD) – WHO Class: poorly cohesive, tubular, mucinous, papillary (2014 TCGA STAD Master patient Table 20130207.xls, column: WHO Class “E”)
* Stomach cancer (STAD) – histological subtypes: adenocarcinoma diffuse, intestinal adenocarcinoma not specified, intestinal adenocarcinoma tubular type, intestinal adenocarcinoma papillary type, intestinal adenocarcinoma mucinous type, adenocarcinoma signet ring type (STAD.clinical.xls, column: histological\_type “AM”)
* Esophageal cancer (ESCA): histological subtypes: squamous cell carcinoma, adenocarcinoma (ESCA.clinical.xls, column: histological\_type “AX”)

Uterine Corpus Endometrial Carcinoma (UCEC)

* Histological subtypes: endometroid, serous, mixed (UCEC\_datafile.S1.1.KeyClinicalData.xls, column: histology “E”)
* Molecular subtypes: CN high, CN low, MSI, POLE (UCEC\_datafile.S1.1.KeyClinicalData.xls, column: IntegrativeCluster “P”)

Liver hepatocellular Cancer (LIHC)

* Histological subtypes: Fibrolamellar Carcinoma=1; HCC=2; Mixed HCC/CCA=3 (LIHC\_freeze\_cases\_compiled\_molecular\_annotation\_051415b.xls, column: histological\_type “CA”)
* Molecular clusters: 1, 2, 3, 4, 5 (LIHC\_freeze\_cases\_compiled\_molecular\_annotation\_051415b.xls, column: mRNA clusters “U”)

Cholangiocarcinoma (CHOL)

* Histological\_type: intrahepatic, distal, hilar/perihilar (few samples per two last groups – analysis unnecessary)