

Appendix: Histopathology

Code	Histopathology
---	all tumors
a/a	alveolar/bronchiolar adenoma
a/c	alveolar/bronchiolar carcinoma
abt	alveolar/bronchiolar tumor
aca	adenocarcinoma in adenomatous polyp
acb	alveolar/bronchiolar adenocarcinoma
acc	acinar-cell carcinoma
acn	adenocarcinoma, NOS
act	alveolar-cell tumor
ada	adenocarcinoma, type A
adb	adenocarcinoma, type B
adc	adenocarcinoma
ade	adenoma
adf	adenofibroma
adi	adenocarcinoma, bilateral
adm	adenomatous polyp, NOS or adenocarcinoma in adenomatous polyp
adn	adenoma, NOS
ado	adenoacanthoma
adp	adenomatous polyp
adq	adenosquamous carcinoma
aep	adenomatous endometrial polyp
agc	alveogenic adenocarcinoma
agf	angioma/fibroangioma
agm	angioma
agt	alveogenic tumor
ahs	axillary histiocytic sarcoma
akt	adenoma-like tumor
ala	alveolar-cell adenoma
alc	alveolar-cell carcinoma
ald	alveolar adenoma
ama	acanthoma
amy	adenomyoma
ana	acinar-cell adenoma
anb	adenoma, bilateral
ane	angio-endothelioma, malignant
ang	angiosarcoma
anl	acute nonlymphocytic leukemia
aoc	acinar-cell adenocarcinoma
aod	adenocarcinoma, acinar or ductal
apc	anaplastic carcinoma
apn	adenomatous polyp, NOS
asb	astrocytoma, benign
asl	astrocytoma, malignant
asm	adenocarcinoma with squamous metaplasia
ast	astrocytoma
ata	atypic adenoma
bca	basal-cell adenoma
bcc	basal-cell carcinoma
bcd	bronchiolar adenoma
bcp	basal-cell papilloma
bct	basal-cell tumor
bda	bile duct adenoma
bdb	intrahepatic bile duct tumor, benign
bdc	bile duct carcinoma
bde	bronchiolar adenocarcinoma
bdh	intrahepatic bile duct tumor
bdm	intrahepatic bile duct tumor, malignant
bdt	bile duct tumor
ben	benign tumor
bhp	hepatoma, benign
bht	hepatocellular tumor, benign
blc	biliary cystadenoma
bly	B-cell lymphoma
bro	bronchogenic carcinoma
bsa	basophil adenoma
bsb	basosquamous tumor, benign
bsn	basophilic nodule
caa	cholangioadenoma/carcinoma
cab	cholangiocellular tumor, benign
cac	cholangioadenocarcinoma
cad	cholangioadenoma
can	carcinoma, NOS
car	carcinoma
cas	carcinosarcoma
cca	c-cell adenoma
ccb	c-cell carcinoma, bilateral
ccn	cystadenocarcinoma, NOS
ccr	c-cell carcinoma
cey	cholangioma, cystic
cdb	c-cell adenoma, bilateral
cgd	cholangiocarcinoma, ductular
cgf	cholangiofibroma
chc	cholangiosarcoma
cho	cholangioma
cic	carcinoma, in situ
cla	clear-cell adenoma
clc	cholangiocarcinoma
cnb	carcinoma, bilateral
end	carcinoid tumor, malignant
coa	cortical adenoma
coc	cortical carcinoma
con	cortical adenoma, NOS
cra	chromophobe adenoma
crc	chromophobe carcinoma
crn	cortical adenocarcinoma, NOS
crt	carcinoma, combined glandular and squamous type
csa	cortical subcapsular adenoma
cuc	ceruminous carcinoma
cvh	cavernous hemangioma
cyc	cystadenocarcinoma
cye	cystadenoma
cyn	cystadenoma, NOS
dhs	deep cervical, histiocytic sarcoma
dpp	ductal papilloma
ead	endometrium, adenoma
ecc	eccrine cylindroma
edc	endometrium, adenocarcinoma
emp	endometrial polyp
ena	endometrial adenocarcinoma
ene	esthesioneuroepithelioma
ens	endocardial sarcoma
epc	epidermoid carcinoma
epd	ependymoblastoma
epn	epithelial neoplasm
epo	epithelioma

ept	epidermoid tumor	ica	interstitial-cell adenoma
esa	eosinophilic adenoma	icb	interstitial-cell tumor, benign
esn	eosinophilic nodule	ict	interstitial-cell tumor
esp	endometrial stromal polyp	idc	infiltrating duct carcinoma
ess	endometrial stromal sarcoma	ihs	iliac histiocytic sarcoma
exa	exocrine adenoma	ile	leukemia, indeterminate type
exp	exophytic papilloma	isa	islet-cell adenoma
fab	follicular-cell adenoma, bilateral	isc	islet-cell carcinoma
fba	fibroadenoma	ism	insuloma
fbl	fibroleiomyoma	itm	interstitial-cell tumor, malignant
fbm	fibroadenoma, multiple	ivc	carcinoma, invasive
fbs	fibrosarcoma	ivt	transitional-cell carcinoma, invasive
fca	follicular-cell adenoma	kcs	Kupffer-cell sarcoma
fcc	follicular-cell carcinoma	ker	keratoacanthoma
fct	follicular-cell tumor	lbl	lymphoblastic lymphoma
fcy	follicular-cell adenocarcinoma, bilateral	lca	liver-cell adenoma
fdc	follicular adenocarcinoma	lcb	liver-cell tumor, benign
fep	fibroepithelial tumor	lcc	liver-cell carcinoma
fib	fibroma	lcl	lymphocytic lymphoma
fih	fibrous histiocytoma	lcm	liver-cell tumor, malignant
gca	granulosa-cell adenoma	lct	liver-cell tumor
gcb	granulosa-cell tumor, benign	ldc	Leydig-cell tumor
gcc	granulosa-cell carcinoma	lei	leiomyosarcoma
gcl	granulosa-cell tumor, NOS	leu	leukemia
gcm	granulosa-cell tumor, malignant	ley	leiomyoma
gct	granulosa-cell tumor	lhc	lymphoma, histiocytic type
ghc	hepatocellular carcinoma, glandular	lip	lipoma
glb	granulosa-cell tumor, bilateral	lkm	lymphoma and leukemia, combined
gli	glioma	lkn	leukemia, NOS
gln	glioma, NOS	lle	lymphocytic leukemia
glx	glial tumors (oligodendroglioma and astrocytoma)	lls	lymphoblastic leukemia-lymphosarcoma
gmf	glioma malignant, focal, mild	lmt	lymphoma malignant, thymic origin
grb	granular-cell tumor, benign	lpb	liver-cell tumor, type B
grl	granulocytic leukemia	lps	liposarcoma
gsa	granulocytic sarcoma	lsl	systemic and localized lymphoma
hae	hemangioendothelioma	lut	luteoma
hca	hepatocellular carcinoma/adenoma	lya	Leydig-cell adenoma
hcc	hepatocholangiocarcinoma	lyk	lymphatic leukemia
hch	hepatocholangioma	lym	lymphoma
hcs	histiocytic sarcoma	lyp	lymphangioma
hct	hepatocellular tumor	lys	lymphosarcoma
hem	hemangioma	lyt	lymphoid tumor
hes	hemangiosarcoma	mag	malignant glioma
het	hemorrhagic tumor	mal	malignant tumor
hga	hemangiosarcoma anaplastic	mbm	medulloblastoma, malignant
hmb	hemangioendothelioma, benign	mca	microadenoma
hmm	hemangioendothelioma, malignant	mcc	mucinous carcinoma
hms	hemangioendothelial sarcoma	mda	medullary adenoma
hmt	hamartoma	mdt	medullary tumor
hnd	hyperplastic nodule	mec	muco-epidermoid carcinoma
hpa	hepatocellular adenoma	mel	melanoma
hpb	hepatoblastoma	mem	mixed-cell mucoepidermoid papilloma
hpc	hepatocellular carcinoma	men	mesothelioma, NOS
hpd	hepatocellular adenocarcinoma	mfh	fibrous histiocytoma, malignant
hph	hepatocellular hyperplastic nodule	mhb	hibernoma, malignant
hpm	hemangiopericytoma, malignant	mhc	mixed hepato/cholangio carcinoma
hpn	hepatocellular neoplastic nodule	mhp	malignant hepatoma
hps	hepatocellular carcinoma, solid	mhs	histiocytoma, malignant
hpt	hepatoma	mht	hepatocellular tumor, malignant
iab	interstitial-cell adenoma, bilateral	mix	more than one tumor type; tumor types specified in published paper

mlc	melanocytoma	onm	olfactory lobe, neuroblastoma malignant
mle	monocytic leukemia	ost	osteosarcoma
mlh	malignant lymphoma, histiocytic type	otm	osteoma
mlk	myelogenous leukemia	pac	papillary adenocarcinoma
mlm	malignant lymphoma, mixed type	pai	papilloma, inverted
mlp	malignant lymphoma, lymphocytic type	pam	papilloma
mlt	melanotic tumor	pas	papillomatosis
mlu	malignant lymphoma, undifferentiated type	pbb	pheochromocytoma benign, bilateral
mly	malignant lymphoma	pbm	pheochromocytoma, benign/malignant
mmt	malignant mesenchymal tumor	pca	parenchymal adenoma
mmx	mesenchymal hemangio-sarcoma, - pericytoma, or -endothelioma, malignant	pcn	papillary cystadenocarcinoma, NOS
mng	meningioma	pcy	papillary cystadenoma, NOS
mnl	mononuclear-cell leukemia	pda	pars distalis adenoma
mnm	meningioma, malignant	pdc	pars distalis carcinoma
mno	malignant lymphoma, NOS	pfa	parafollicular-cell adenoma
mnp	mesenchymal neoplasm	phc	pheochromocytoma, complex
mnr	meningioma, granular-cell	phe	pheochromocytoma
msb	mesothelioma, benign	phm	pheochromocytoma, malignant
msm	mesothelioma, malignant	pla	polypoid adenoma
mso	mesothelioma	plc	plasmacytoma
mtb	mixed tumor, benign	pmb	pheochromocytoma malignant, bilateral
mtm	mixed tumor, malignant	pms	papillary mesothelioma
mua	mucinous adenocarcinoma	pob	pheochromocytoma, benign
muc	mucinous cystadenocarcinoma	pol	polyp
MX	more than one tumor type, combined by A NCI/NTP	ppa	papillary adenoma
MX	more than one tumor type, combined by B Berkeley for the CPDB	ppc	papillary carcinoma
mxc	mixed cell adenoma	ppn	papilloma, NOS
mxp	neoplasm of liver cell, bile duct, mesenchyme, Kupffer cell, or unknown	ppp	papillary polyp
mye	myelocytic leukemia	ptc	papillary transitional-cell carcinoma
myl	myeloid leukemia	ptm	papillary tumor
myo	myelomonocytic leukemia	pvc	carcinoma, preinvasive
neb	neuroendocrine tumor, benign	rab	renal tubule adenoma, bilateral
nem	neuroendocrine tumor, malignant	rac	renal tubule adenocarcinoma
nen	neoplasm, NOS	rca	renal-cell adenoma
neo	neoplasm	rcc	renal-cell carcinoma
nep	nephroblastoma	rct	round-cell sarcoma
neu	neuroblastoma	rct	renal-cell tumor
nfm	neurofibroma	ret	reticulum-cell tumor
nfs	neurofibrosarcoma	rhb	rhabdomyosarcoma
ngs	neurogenic sarcoma	rhm	rhabdomyoblastoma
nhs	inguinal histiocytic sarcoma	rhc	renal, histiocytic sarcoma
nim	neurinoma	rna	reticulum-cell neoplasm, type A
nis	neuroblastoma, in situ	rsc	respiratory epithelial carcinoma
nlm	neurilemoma, malignant	rta	reticulum-cell sarcoma, type A
nnd	neoplastic nodule	rtb	reticulum-cell sarcoma, type B
nod	nodular hyperplasia	rts	reticulum-cell sarcoma
npm	neoplasm, NOS, malignant	rua	tubule adenoma
nsc	neurosarcoma	ruc	tubule carcinoma
nue	neuroepithelioma	rue	tubule epithelium adenoma
nvc	carcinoma, noninvasive	sad	scirrhous adenocarcinoma
nvt	transitional-cell carcinoma, noninvasive	sar	sarcoma
oec	olfactory epithelial carcinoma	sbr	sebaceous gland carcinoma
ogm	olfactory lobe, glioma malignant	scc	spindle-cell carcinoma
olc	olfactory carcinoma	scs	spindle-cell sarcoma
oli	oligodendroglioma	sct	Sertoli-cell tumor
oln	olfactory neuroblastoma	sea	sebaceous adenoma
olp	olfactory neuroepithelioma	seb	sebaceous adenoma and adenocarcinoma
		sec	sebaceous adenocarcinoma
		sgc	sweat gland carcinoma
		shs	mesenteric histiocytic sarcoma
		spm	sarcoma, NOS

spt	spindle-cell tumor
sqa	squamous-cell tumor
sqc	squamous-cell carcinoma
sqi	squamous-cell carcinoma, invasive
sqk	squamous-cell carcinoma, keratinized
sqn	squamous-cell carcinoma, in situ
sqp	squamous-cell papilloma
sqz	squamous-cell carcinoma, stratified
squ	squamous-cell carcinoma, unclassified
srn	sarcoma, NOS
ssc	squamous-cell carcinoma, sebaceous
sxb	sex-cord stromal tumor, benign, bilateral
sxs	sex-cord stromal tumor, benign
tcb	tubular-cell carcinoma, bilateral
tcc	transitional-cell carcinoma
tcm	thecoma
thc	hepatocellular carcinoma, trabecular
tla	tubular-cell adenoma
tlc	tubular-cell carcinoma
tlt	tubular-cell tumor
tma	thymoma
tpa	transitional-cell papilloma
tri	trichoepithelioma
tsc	transitional epithelium, squamous-cell carcinoma
tsp	transitional epithelium, squamous-cell papilloma
tua	tubular adenoma
tuc	tubular carcinoma
tum	tumor or more than one tumor type; tumor types not specified in paper
uac	tubular-cell adenocarcinoma
ulc	undifferentiated carcinoma
ule	undifferentiated leukemia
utc	urothelial carcinoma
utp	urothelial papilloma
vlp	villous polyp
vsc	all vascular tumors
