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Specifications:

- No. of cases: 43
- Tissue type: Lung cancer tissues
- No. of spots: 2 spots from each cancer case (86 spots)
8 non-neoplastic spots (8 spots)
- Total spots: 94
- Corresponding normal tissues with cancers: Yes
- Diameter: 1.0 mm

Documents:

- Product specification: layout, summary of tissue spots
- H&E stained images
- Detailed pathological information

Layout:



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Summary of tissue spots

No	Coordinate		Sex	Age	Key Word
1	A	1,2	m	69	Adenocarcinoma
2	A	3,4	f	67	Adenocarcinoma
3	A	5,6	m	68	Adenocarcinoma
4	A	7,8	m	67	squamous cell carcinoma
5	A	9,10	f	76	squamous cell carcinoma
6	A	11	f	67	non-neoplastic
7	B	1,2	f	76	squamous cell carcinoma
8	B	3,4	m	48	Adenocarcinoma
9	B	5,6	f	52	Adenocarcinoma
10	B	7,8	m	61	squamous cell carcinoma
11	B	9,10	m	75	squamous cell carcinoma
12	B	11	f	70	non-neoplastic
13	C	1,2	f	46	Adenocarcinoma
14	C	3,4	f	67	Adenocarcinoma
15	C	5,6	m	76	Adenocarcinoma
16	C	7,8	m	67	Adenocarcinoma
17	C	9,10	m	61	squamous cell carcinoma
18	C	11	f	46	non-neoplastic
19	D	1,2	f	53	Adenocarcinoma
20	D	3,4	f	70	Adenocarcinoma
21	D	5,6	m	65	Adenocarcinoma
22	D	7,8	m	71	squamous cell carcinoma
23	D	9,10	m	67	squamous cell carcinoma
24	D	11	m	61	non-neoplastic
25	E	1,2	m	59	Adenocarcinoma
26	E	3,4	m	63	Adenocarcinoma
27	E	5,6	m	86	Adenocarcinoma
28	E	7,8	m	87	squamous cell carcinoma
29	E	9,10	m	59	squamous cell carcinoma
30	E	11	m	71	non-neoplastic

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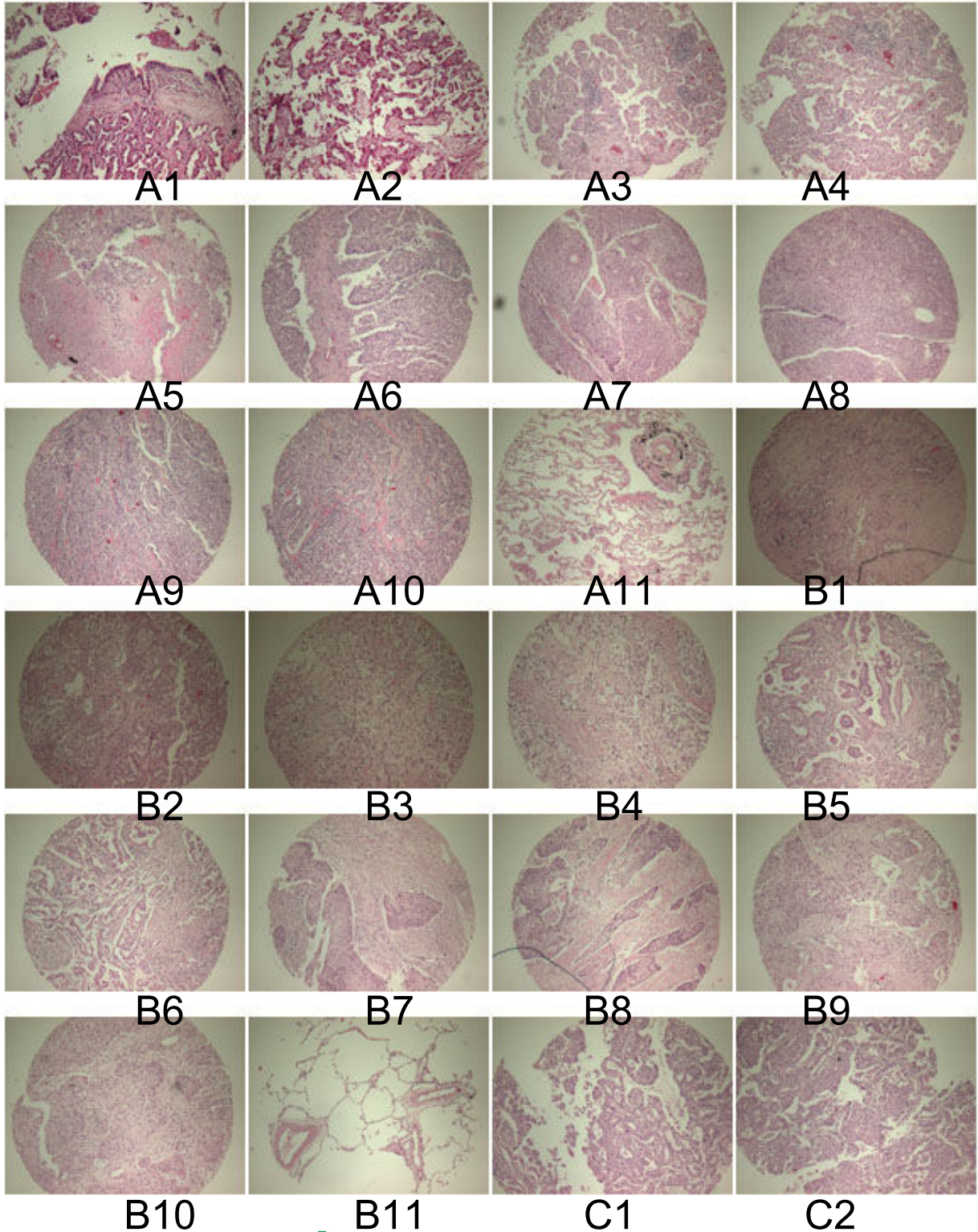
Summary of tissue spots

No	Coordinate	Sex	Age	Key Word
31	F 1,2	f	67	Adenocarcinoma
32	F 3,4	f	46	Adenocarcinoma
33	F 5,6	f	69	Adenocarcinoma
34	F 7,8	m	88	squamous cell carcinoma
35	F 9,10	m	72	squamous cell carcinoma
36	F 11	m	88	non-neoplastic
37	G 1,2	m	87	squamous cell carcinoma
38	G 3,4	m	74	squamous cell carcinoma
39	G 5,6	m	72	squamous cell carcinoma
40	G 7,8	m	61	squamous cell carcinoma
41	G 9,10	m	77	squamous cell carcinoma
42	G 11	m	72	non-neoplastic
43	H 1,2	m	64	squamous cell carcinoma
44	H 3,4	m	81	squamous cell carcinoma
45	H 5,6	m	66	squamous cell carcinoma
46	H 7,8	f	73	Non-small cell carcinoma
47	H 9,10	m	73	Non-small cell type
48	H 11	f	73	non-neoplastic
49	I 1,2	m	63	squamous cell carcinoma
50	I 3,4	m	73	squamous cell carcinoma
51	I 5,6	m	74	Squamous cell carcinoma

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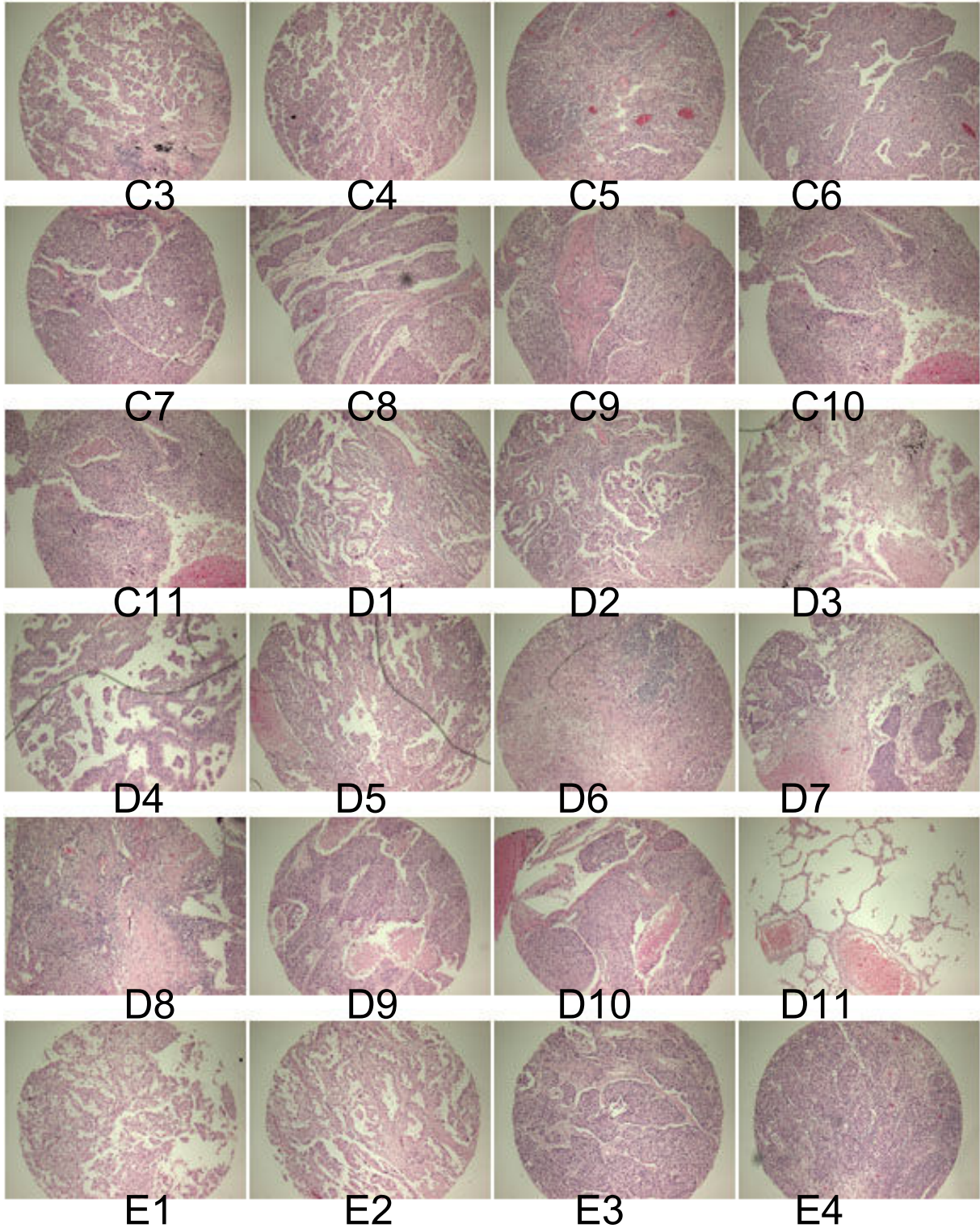
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Hematoxylin and Eosin staining



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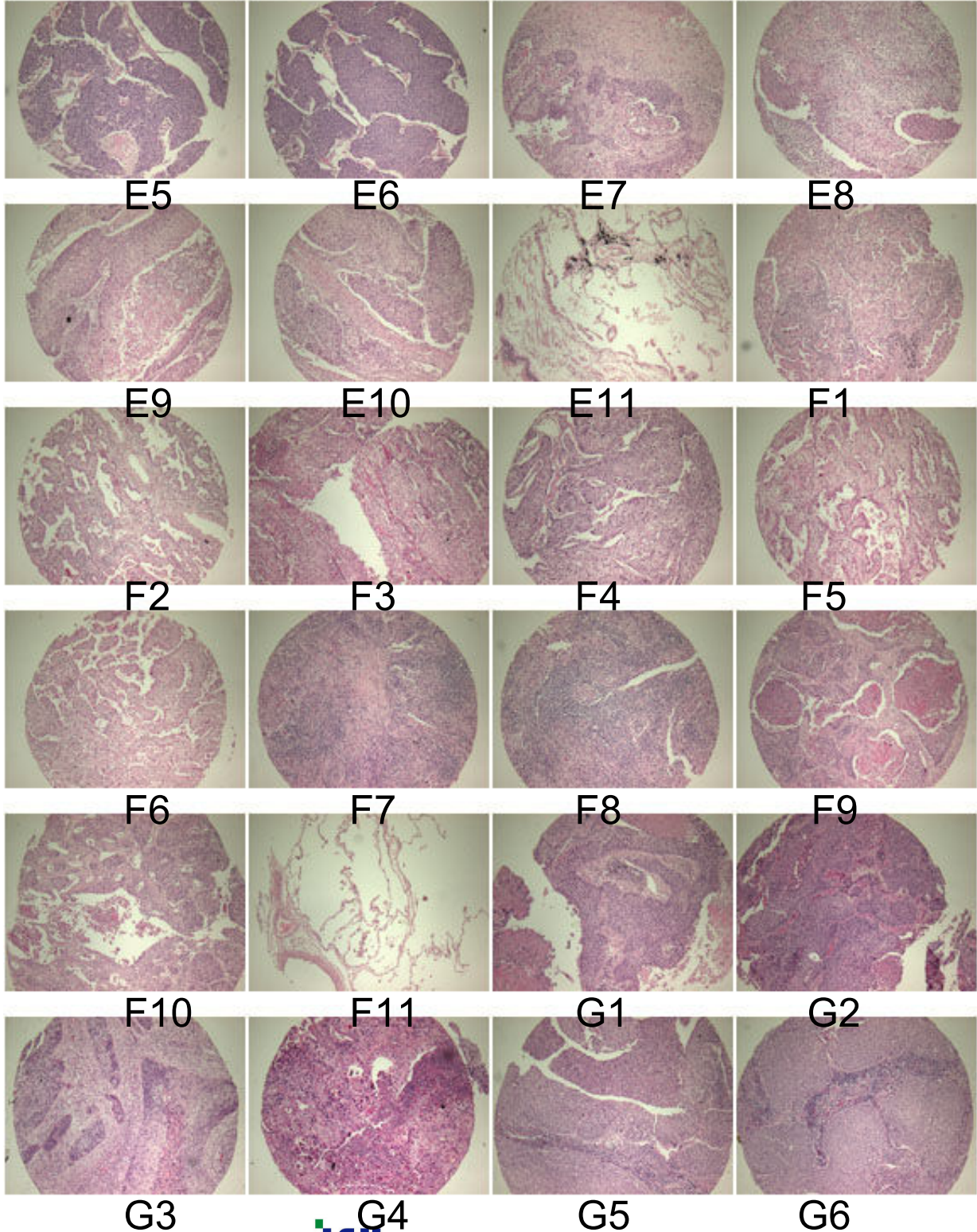
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Hematoxylin and Eosin staining



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For research use only

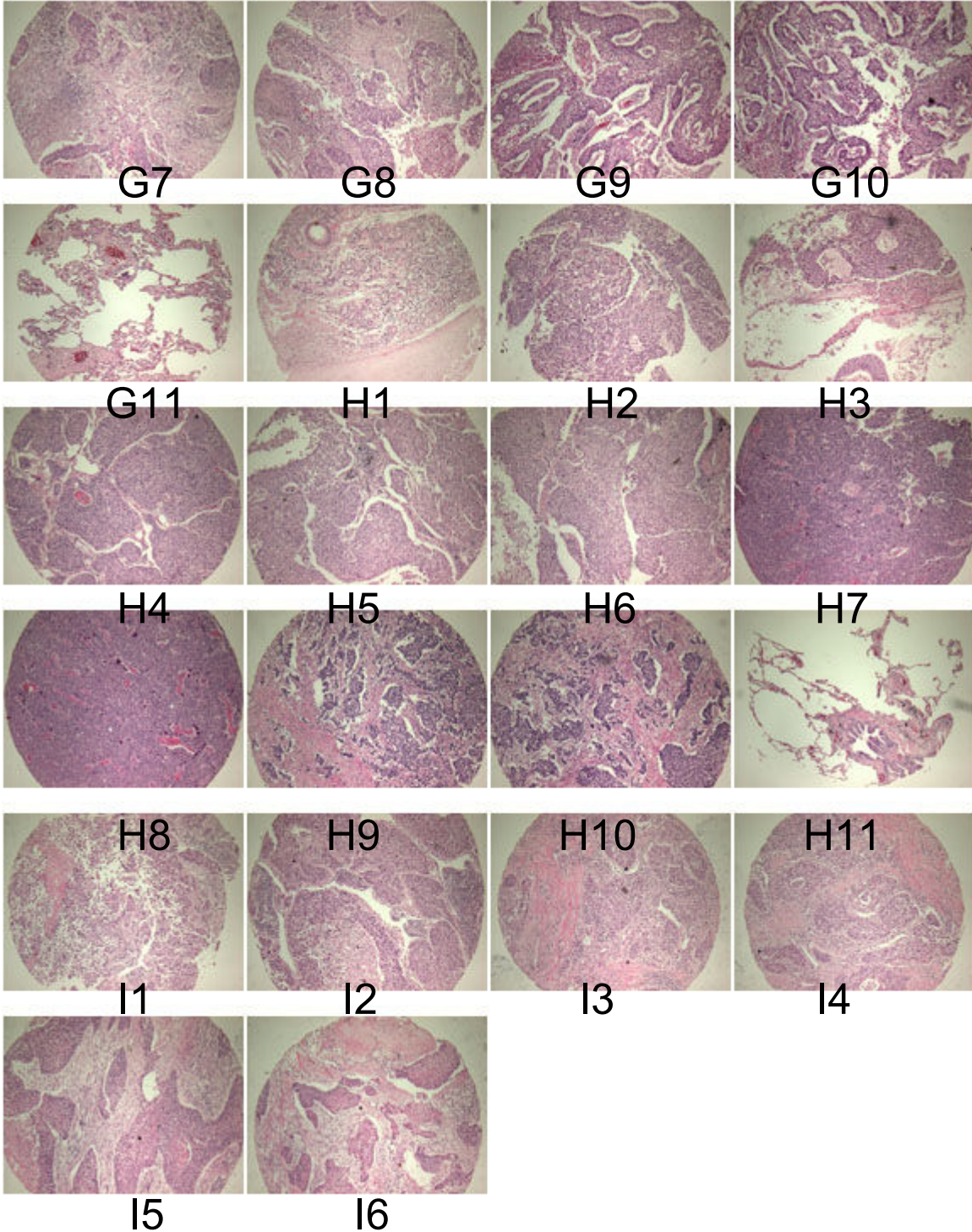
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Hematoxylin and Eosin staining



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QC sheet_LOT#122120909133
Hematoxylin and Eosin staining



A206V: Lung cancer tissues

No	Coordinate	Sex	Age	Key Word	Histological Diagnosis
1	A 1,2	m	69	Adenocarcinoma	<p>1.Lung, right upper and mid lobes, lobectomy: Upper lobe: Adenocarcinoma, acinar type, moderately differentiated, mixed with papillary carcinoma and bronchioloalveolar carcinoma, 1) extension to the visceral pleura. 2) tumor size: 4.5x2.5cm. 3) associated anthracotic nodule with fibrosis. 4) bronchial resection margin: Free of tumor.</p> <p>2.Mid lobe: Papillary carcinoma, 1) confined within the lung. 2) tumor size: 1.5x0.6cm. 3) bronchial resection margin: Free of tumor.</p> <p>3.Regional lymph nodes: Free of tumor in all nodes(0/12), in detail, IPL(0/3), hilar(0/7), regional(0/2).</p>
2	A 3,4	f	67	Adenocarcinoma	<p>1.Lung, RLL, lobectomy: Adenocarcinoma, moderately differentiated, acinar type, mixed with bronchioloalveolar carcinoma 1) size: 2.8x2.5cm 2) visceral pleura involvement, positive(T2)</p> <p>2. Adjacent lung: Chronic granulomatous inflammation in the septum</p> <p>3. Bronchial resection margin: Free of tumor</p> <p>4. Regional lymph nodes: 1) Free of tumor in all nodes(0/38), in detail, lower paratracheal(0/1), hilar(0/5), subcarinal(0/15), IPL(0/2), interlobar (0/4), upper paratracheal(0/3), regional(0/8). 2) Chronic granulomatous inflammation, probably sarcoidosis, or tuberculosis.</p>

A206V: Lung cancer tissues

No	Coordinate	Sex	Age	Key Word	Histological Diagnosis
3	A 5,6	m	68	Adenocarcinoma	<p>1.Lung, right upper lobe, lobectomy: Adenocarcinoma, poorly differentiated, solid type</p> <ol style="list-style-type: none"> 1) size(10x6cm) 2) extension to the chest wall and rib 3) marked tumor necrosis 4) lymphovascular permeation: positive 5) associated emphysema and bullae <p>2.Resection margin, bronchial: Free of tumor.</p> <ol style="list-style-type: none"> 1)Resection margin, SVC: Free of tumor. <p>3.SVC: Free of tumor.</p> <p>4.Regional lymph nodes: Tumor metastasis to 1 out of 7(1/7), in detail, IPL(0/1), hilar(0/1), right lower paratracheal(1/3), regional(0/2).</p> <p>5.Results of immunohistochemistry staining to rule out the neuroendocrine feature: S-100(-), Synaptophysin(-), Chromogranin A(-), NSE(-).</p>
4	A 7,8	m	67	squamous cell carcinoma	<p>1.Lung, left, pneumonectomy:</p> <p>Bronchogenic squamous cell carcinoma,</p> <ol style="list-style-type: none"> 1) size: 4.3x2.5cm 2) bronchial obstruction of lower lobe bronchus 3) confined within the lung <p>2.Associated lung anomalies</p> <ol style="list-style-type: none"> 1) Bullae 2) Bronchiectasis 3) Honey-comb lung(end-stage lung) of the lower lobe <p>3.Bronchial resection margin: Free of tumor</p> <p>4.Regional lymph nodes: Free of tumor(0/2)</p>

A206V: Lung cancer tissues

No	Coordinate		Sex	Age	Key Word	Histological Diagnosis
5	A	9,10	f	76	squamous cell carcinoma	1.Lung, RUL, lobectomy: Poorly differentiated squamous cell carcinoma, small cell variant 1) size: 3.3x1.5cm 2) centrally located, and luminal obstructing 3) confined within the lung 2. Associated lung anomaly: emphysema. 3. Bronchial resection margin: Free of tumor. 4. Regional lymph nodes: Tumor metastasis to 1 out of 9(1/9). 5. Note: NSE(+), S-100(-), Chromogranin(-), Synaptophysin(-).
6	A	11	f	67	non-neoplastic	non-neoplastic from C3,4
7	B	1,2	f	76	squamous cell carcinoma	1.Lung, RUL, lobectomy: Poorly differentiated squamous cell carcinoma, small cell variant 1) size: 3.3x1.5cm 2) centrally located, and luminal obstructing 3) confined within the lung 2.Associated lung anomaly: emphysema. 3.Bronchial resection margin: Free of tumor. 4.Regional lymph nodes: Tumor metastasis to 1 out of 9(1/9). 5.Note: NSE(+), S-100(-), Chromogranin(-), Synaptophysin(-).

A206V: Lung cancer tissues

No	Coordinate	Sex	Age	Key Word	Histological Diagnosis
8	B 3,4	m	48	Adenocarcinoma	<p>1.Lung, left, pneumonectomy: (apical mass of upper lung): Adenocarcinoma, poorly differentiated</p> <p>1) size: 2.5x2cm</p> <p>2) marked tumor necrosis</p> <p>3) extension to visceral pleura</p> <p>2.(peribronchial mass): Adenocarcinoma, poorly differentiated</p> <p>1) size: 3x2.5cm</p> <p>2) lymphatic permeation: Positive</p> <p>3.Associated lung anomaly:1) Obstructive pneumonitis</p> <p>2) Emphysema and bullae formation</p> <p>4.Bronchial resection margin: Free of tumor.</p> <p>5.Regional lymph nodes: Tumor metastasis to 1 out of 9(1/9).</p> <p>6.Lymph node, dissection: Free of tumor(0/13), in detail, subcarinal(0/4), hilar(0/8)</p>
9	B 5,6	f	52	Adenocarcinoma	<p>1.Lung, LLL, lobectomy: Papillary adenocarcinoma</p> <p>1) size: 1.8x1.1cm</p> <p>2) extension to visceral pleura</p> <p>2.Bronchial resection margin: Free of tumor.</p> <p>3.Regional lymph nodes: Free of tumor(0/6).</p>
10	B 7,8	m	61	squamous cell carcinoma	<p>1.Lung, RLL, lobectomy:</p> <p>Bronchogenic squamous cell carcinoma, moderately differentiated,</p> <p>1) size: 4x2.5cm</p> <p>2) obstruct the bronchial lumen</p> <p>3) confined within the lung</p> <p>2.Remaining lung</p> <p>1) organizing pneumonia</p> <p>2) bronchiectasis</p> <p>3.Bronchial resection margin: Free of tumor.</p> <p>4.Regional lymph nodes: Free of tumor(0/2).</p>

A206V: Lung cancer tissues

No	Coordinate		Sex	Age	Key Word	Histological Diagnosis
11	B	9,10	m	75	squamous cell carcinoma	<p>1.Lung, RUL, lobectomy: Squamous cell carcinoma, moderately differentiated, 1) size: 5.5x2cm 2) extension to parietal pleura, but chest wall preserved 3) lymphovascular permeation, positive</p> <p>2.Associated lung amonaly 1) organizing pneumonia</p> <p>3.Bronchial resection margin: Free of tumor.</p> <p>4.Regional lymph nodes: Tumor metastasis to 2 out of 5(2/5).</p>
12	B	11	f	70	non-neoplastic	non-neoplastic from D3,4
13	C	1,2	f	46	Adenocarcinoma	<p>1.Lung, right lower lobe, lobectomy: Adenocarcinoma, moderately differentiated, acinar and papillary 1) size: 3.5x2.5cm 2) extension to the visceral pleura 3) associated atypical adenomatous epithelial hyperplasia</p> <p>2.Bronchial resection margin: Free of tumor.</p> <p>3.Regional lymph nodes: Free of tumor(0/5).</p>
14	C	3,4	f	67	Adenocarcinoma	<p>1.Lung, left, pneumonectomy: Adenocarcinoma, acinar(moderately differentiated), and papillary 1) multiple involvement in the entire lobes such as, upper lobe (4x2cm, 0.7x0.5cm), basal segment(2.8x1.8cm) and major fissure 2) extension to the chest wall(parietal pleura) 3) combined with calcifying nodules(old tuberculosis nodules)</p> <p>2.Bronchial resection margin: Free of tumor.</p>

A206V: Lung cancer tissues

No	Coordinate	Sex	Age	Key Word	Histological Diagnosis
15	C 5,6	m	76	Adenocarcinoma	<p>1.Lung, left upper lobe, lobectomy: Poorly differentiated carcinoma, non-small cell type, probably adenocarcinoma 1) size: 3.1x2.8cm 2) extension to the visceral pleura</p> <p>2.Bronchial resection margin: Free of tumor.</p> <p>3.Regional lymph nodes: Free of tumor in all nodes(0/9), in detail, IPL(0/2), subaortic(0/3), subcarinal(0/2), hilar(0/2).</p>
16	C 7,8	m	67	Adenocarcinoma	<p>1.Lung, left upper lobe, lobectomy: Poorly differentiated carcinoma, non-small cell type, probably adenocarcinoma 1) size: 3.1x2.8cm 2) extension to the visceral pleura</p> <p>2.Bronchial resection margin: Free of tumor.</p> <p>3.Regional lymph nodes: Free of tumor in all nodes(0/9), in detail, IPL(0/2), subaortic(0/3), subcarinal(0/2), hilar(0/2).</p>
17	C 9,10	m	61	squamous cell carcinoma	<p>1.Lung, RLL, lobectomy: Squamous cell carcinoma, moderately differentiated 1) central located 2) size: 6x4.7cm 3) confined within the lung</p> <p>2.Associated lung anomalies 1) obstructive pneumonitis 2) bronchiectasis</p> <p>3.Bronchial resection margin: Free of tumor.</p> <p>4.Regional lymph nodes: Free of tumor(0/1).</p>
18	C 11	f	46	non-neoplastic	non-neoplastic from F3,4

A206V: Lung cancer tissues

No	Coordinate		Sex	Age	Key Word	Histological Diagnosis
19	D	1,2	f	53	Adenocarcinoma	<p>1.Lung, left, pneumonectomy: Adenocarcinoma, acinar type with focal papillary type and BAC 1) size: 3.3x3.2cm 2) occasional vascular invasion 3) confined to the lung parenchyma</p> <p>2.Resection margin, bronchial: Free of tumor.</p> <p>3.Lymph node: Metastatic adenocarcinoma in 3 out of 6 lymph nodes, in detail, peribronchial(3/3), AP window(0/1), IPL(0/1),low peribronchial(0/1).</p>
20	D	3,4	f	70	Adenocarcinoma	<p>1.Lung, LLL, lobectomy: Adenocarcinoma, acinar, 1) size: 3.5x3cm 2) peripherally located and visceral pleura involvement</p> <p>2.Bronchial resection margin: Free of tumor.</p> <p>3.Regional lymph nodes: Tumor metastasis to 2 out of 2(2/2).</p>
21	D	5,6	m	65	Adenocarcinoma	<p>1.Lung, LUL, lobectomy: Adenocarcinoma, moderately differentiated, acinar type mixed with bronchioloalveolar carcinoma 1) size: 3.1x1.6cm 2) extension to visceral pleura 3) peripherally located</p> <p>2.Bronchial resection margin: Free of tumor.</p> <p>3.Regional lymph node: Free of tumor(0/7).</p>

A206V: Lung cancer tissues

No	Coordinate		Sex	Age	Key Word	Histological Diagnosis
22	D	7,8	m	71	squamous cell carcinoma	<p>1.Lung, lower lobe, right, lobectomy: Squamous cell carcinoma, poorly differentiated 1) size: 3.5x2.5cm 2) confined within the lung parenchyme (no visceral pleura involvement)</p> <p>2.Bronchial resection margin: Free of tumor.</p>
23	D	9,10	m	67	squamous cell carcinoma	<p>1.Lung, lower lobe, left, lobectomy: Squamous cell carcinoma, poorly differentiated 1) size: 2.7x2.5cm 2) confined within the lung parenchyme</p> <p>2.Bronchial resection margin: Free of tumor.</p> <p>3.Lymph node, lung, MLND: Free of tumor in all nodes (0/10), in detail, hilar(0/1), subcarinal(0/1), A-P window(0/1), left lower paratracheal(0/7).</p>
24	D	11	m	61	non-neoplastic	non-neoplastic from C9,10
25	E	1,2	m	59	Adenocarcinoma	<p>1.Lung, left upper, lobectomy: Adenocarcinoma, moderately differentiated, acinar type, mixed with bronchioloalveolar carcinoma 1) size: 3.2x2.5cm 2) extension to the visceral pleura</p> <p>2.Associated lung pathology 1) Emphysema with bullae formation 2) Bronchial resection margin: Free of tumor.</p> <p>3.Regional lymph nodes: Free of tumor in all nodes(0/6), in detail, peribronchial(0/3), hilar(0/1), AP window(0/1), subcarinal(0/1).</p>

A206V: Lung cancer tissues

No	Coordinate		Sex	Age	Key Word	Histological Diagnosis
26	E	3,4	m	63	Adenocarcinoma	1.Lung, RUL posterior segment, segmentectomy: Adenocarcinoma, poorly differentiated, acinar type mixed with solid type 1) size: 2.5x2cm 2) peripherally located and no visceral pleural involvement 2.Emphysema and bullae formation 3.Resection margin: Free of tumor.
27	E	5,6	m	86	Adenocarcinoma	1.Lung, LUL, apicoposterior, segmentectomy: Adenocarcinoma, poorly differentiated, with area of bronchioloalveolar carcinoma 1) size: 5.5x4cm 2) extension to the visceral pleura and peribronchial fat tissue 3) marked, lymphovascular permeation 2. Bronchial resection margin: Free of tumor. 3. Lung, LLL, lobectomy: 1) Bronchiectasis, multiple bronchi involvement 2) Emphysema.
28	E	7,8	m	87	squamous cell carcinoma	1.Lung, RLL, lobectomy: Squamous cell carcinoma, poorly differentiated 1) size: 4.2x3cm 2) extension to the visceral pleura 2.Associated lung anomalies 1) Emphysema 2) Anthracotic macules 3) Honey-comb lung at the angle 3.Bronchial resection margin: Free of tumor. 4.Regional lymph nodes: Free of tumor(0/3)

A206V: Lung cancer tissues

No	Coordinate		Sex	Age	Key Word	Histological Diagnosis
29	E	9,10	m	59	squamous cell carcinoma	1.Lung, left, pneumonectomy: Squamous cell carcinoma, moderately differentiated 1) size: 11.5x7.5cm 2) extension to the chest wall (including ribs and intercostal muscle, and diaphragm) 3) lymphovascular permeation: positive 2. Associated lung anomalies 1) Chronic granulomatous inflammation with necrosis, consistent with tuberculosis. 2) Emphysema and bullae formation. 3. Stomach: Free of tumor. 4. Bronchial resection margin: Free of tumor. 5. Regional lymph nodes: Tumor metastasis(2/6).
30	E	11	m	71	non-neoplastic	non-neoplastic from D7,8
31	F	1,2	f	67	Adenocarcinoma	1.Lung, upper lobe, right, lobectomy: Adenocarcinoma, poorly differentiated, acinar type mixed with bronchioloalveolar carcinoma 1) size: 3.1x2.8cm 2) extension to visceral pleura, peripheral location 2.Bronchial resection margin: Free of tumor. 3.Regional lymph nodes: Tumor metastasis to 3 out of 21 nodes(3/21), in detail, peribronchial(2/6), hilar(0/1), subcarina(0/1), lower paratracheal(1/12), IPL(0/1).

A206V: Lung cancer tissues

No	Coordinate		Sex	Age	Key Word	Histological Diagnosis
32	F	3,4	f	46	Adenocarcinoma	<p>1.Lung, right, pneumonectomy: Adenocarcinoma, poorly differentiated</p> <p>1) size: 3.7x3cm 2) extension to visceral pleura 3) lymphovascular permeation: positive</p> <p>2.Associated lung anomalies: Bronchiolitis. 3.Bronchial resection margin: Free of tumor. 4.Regional lymph nodes: Tumor metastasis to 3 out of 5.</p>
33	F	5,6	f	69	Adenocarcinoma	<p>1.Lung, right upper and mid, bilobectomy: Adenocarcinoma, moderately differentiated, acinar type, and focally papillary and bronchioloalveolar</p> <p>1) size: 2.5x2.5cm 2) extension to the visceral pleura</p> <p>2.Bronchial resection margin: Free of tumor. 3.Regional lymph nodes: Tumor metastasis to 1 out of 6(1/6).</p>
34	F	7,8	m	88	squamous cell carcinoma	<p>1.Lung, RUL, lobectomy: Squamous cell carcinoma, poorly differentiated,</p> <p>1) size: 4.5x3.5cm 2) extension to visceral pleura</p> <p>2.Associated lung pathology: 1) Emphysema 2) Multiple bullae</p> <p>3.Bronchial resection margin: Free of tumor 4.Regional lymph nodes: Tumor metastasis to 2 out of 20(2/20), in detail, peribronchial(1/2), hilar(1/6), IPL(0/1), subcarinal(0/11).</p>

A206V: Lung cancer tissues

No	Coordinate		Sex	Age	Key Word	Histological Diagnosis
35	F	9,10	m	72	squamous cell carcinoma	<p>1.Lung, LUL, lobectomy: Squamous cell carcinoma, moderately differentiated</p> <ol style="list-style-type: none"> 1) size: 8x5cm 2) extension to the visceral pleura 3) lymphovascular permeation: positive 4) no pulmonary artery involvement 5) associated anomalies: emphysema <p>2.Bronchial resection margin: Free of tumor. 3.Regional lymph node: Tumor metastasis(1/1).</p>
36	F	11	m	88	non-neoplastic	non-neoplastic from F7,8
37	G	1,2	m	87	squamous cell carcinoma	<p>1.Lung, left lower lobe, lobectomy: Squamous cell carcinoma, moderately differentiated,</p> <ol style="list-style-type: none"> 1) size: 6.5x4.5cm. 2) confined within the lung parenchyme. 3) presence of tumor emboli. <p>2.Surrounding lung</p> <ol style="list-style-type: none"> 1) emphysema. 2) pulmonary hypertension. 3) bronchiolitis with obstructive pneumonia. 4) focal septal thickening with fibrosis. 5) anthracotic macules and nodules. <p>3.Bronchial resection margin: Free of tumor. 4.Regional lymph nodes: Free of tumor in all nodes(0/35), indetail, peribronchial(0/5), IPL(0/1), subcarinal(0/10), right hilar(0/5), A-P window(0/9), left hilar(0/5).</p>

A206V: Lung cancer tissues

No	Coordinate	Sex	Age	Key Word	Histological Diagnosis
38	G 3,4	m	74	squamous cell carcinoma	<p>1. Lung, right, pneumonectomy: Upper lobe: Squamous cell carcinoma, moderately differentiated, 1) extension to the visceral pleura. 2) marked central necrosis. 3) tumor size: 6.3x5.5cm. 4) obstructive pneumonitis in the remaining lung.</p> <p>2. Lower lobe: Lobar pneumonia.</p> <p>3. Resection margin: Free of tumor.</p> <p>4. Regional lymph nodes: Free of tumor in all nodes(0/13), in detail, subcarinal(0/6), lower paratracheal(0/2), regional (0/5).</p>
39	G 5,6	m	72	squamous cell carcinoma	<p>1.Lung, LLL, lobectomy: Squamous cell carcinoma, poorly differentiated, involving superior segment 1) tumor size: 2.8x2.5cm 2) No visceral pleura involvement(T1)</p> <p>2. Adjacent lung: 1) Emphysema 2) Anthracotic nodule</p> <p>3. Bronchial margin: Free of tumor</p> <p>4. Regional lymph nodes: Free of tumor in all nodes(0/11), indetail, subcarinal(0/4), hilar(0/2), A-P window(0/4), regional(0/1)</p>

A206V: Lung cancer tissues

No	Coordinate		Sex	Age	Key Word	Histological Diagnosis
40	G	7,8	m	61	squamous cell carcinoma	<p>1.Lung, upper lobe, left, lobectomy: Bronchogenic squamous cell carcinoma, moderately differentiated, 1) size: 3x2cm 2) extension to visceral pleura 3) bronchial obstruction by tumor 4) associated obstructive pneumonia</p> <p>2. Bronchial resection margin: Free of tumor.</p> <p>3. Regional lymph nodes: Free of tumor in all nodes(0/12), in detail peribronchial(0/5), IPL(0/1), hilar(0/1), AP window(0/5).</p>
41	G	9,10	m	77	squamous cell carcinoma	<p>1.Lung, left upper lobe, lobectomy: Lingular segment: Squamous cell carcinoma, poorly differentiated, 1) size: 3.5x3cm 2) extension to the visceral pleura 3) associated lung anomalies: Emphysema and bullae.</p> <p>2. Bronchial resection margin: Free of tumor.</p> <p>3. Regional lymph nodes: Free of tumor(0/8).</p>
42	G	11	m	72	non-neoplastic	non-neoplastic from G5,6
43	H	1,2	m	64	squamous cell carcinoma	<p>Lung, left, pneumonectomy:</p> <p>1. Bronchogenic squamous cell carcinoma, poorly differentiated 1) size: 2.5x1cm 2) arising from the superior segmental bronchus with luminal obstruction 3) confined within the lung</p> <p>2.(superior segment) 1) Obstructive pneumonitis 2) Chronic granulomatous inflammation with necrosis, consistent with tuberculosis.</p> <p>3.(upper lobe): Free of tumor.</p> <p>4. Bronchial resection margin: Free of tumor.</p>

A206V: Lung cancer tissues

No	Coordinate		Sex	Age	Key Word	Histological Diagnosis
47	H	9,10	m	73	Non-small cell type	<p>1.Lung, right upper lobe, lobectomy: Poorly differentiated carcinoma, non-small cell type.</p> <p>1) confined with the lung parenchyme and no visceral pleura involvement.</p> <p>2) two separate masses (3.9x3.2cm and 2.6x2cm) with same histology.</p> <p>3) lymphatic permeation: positive.</p> <p>2. Resection margin, bronchial: Free of tumor.</p> <p>3. Surrounding lung: Emphysema.</p> <p>4. Regional lymph nodes: Tumor metastasis to 1 out of 37 (1/37), in detail, left hilar(0/2), subcarinal(0/13), lower paratracheal (0/2), hilar(0/3), peribronchial(0/4), IPL(0/2), regional, attached(1/11).</p> <p>5.Lung, right upper lobe, lobectomy: Poorly differentiated carcinoma, non-small cell type, probably adenocarcinoma</p> <p>1) confined within the lung parenchyme and no visceral pleura involvement</p> <p>2) two completely separate masses(3.9x3.2cm and 2.6x2cm) with same histology(T4)</p> <p>3) lymphatic permeation: Positive</p> <p>6.Resection margin, bronchial: Tumor positive.</p>
48	H	11	f	73	non-neoplastic	non-neoplastic from H7,8
49	I	1,2	m	63	squamous cell carcinoma	<p>1.Lung, upper and mid lobes, right, bilobectomy: Bronchogenic squamous cell carcinoma, poorly differentiated</p> <p>1) size: 5.2x4.5cm</p> <p>2) confined within the upper lobe(T2)</p> <p>2. Associated pathology</p> <p>1) obstructive pneumonitis</p> <p>2) emphysema and bullae</p> <p>3) calcifying nodules on pleura</p> <p>3. Bronchial resection margin: Free of tumor</p> <p>4. Peribronchial lymph nodes:Tumor metastasis to 6 out of 7(6/7).</p>

A206V: Lung cancer tissues

No	Coordinate	Sex	Age	Key Word	Histological Diagnosis
50	I 3,4	m	73	squamous cell carcinoma	1. Lung, right lower lobe, lobectomy: Squamous cell carcinoma, poorly differentiated, 1) size: 5.5x2.2cm 2) extension to the chest wall(periosteum of ribs) 3) marked inflammatory infiltration 2. Associated lung pathology 1) Honey comb lung 2) Bronchiectasis 3) Emphysema 3. Resection margin, bronchial: Free of tumor. 4. Regional lymph nodes: Free of tumor in all nodes(0/17), in detail, hilar(0/5), interlobar(0/1), subcarinal(0/11)
51	I 5,6	m	74	Squamous cell carcinoma	1. Lung, left, pneumonectomy: Bronchogenic squamous cell carcinoma, moderately differentiated 1) size: 5.5x3.5cm 2) involving lower lobe bronchus 3) confined within the lung 2. Bronchial resection margin: Free of tumor 3. Regional lymph nodes 1) Free of tumor(0/4) 2) Chronic granulomatous inflammation