

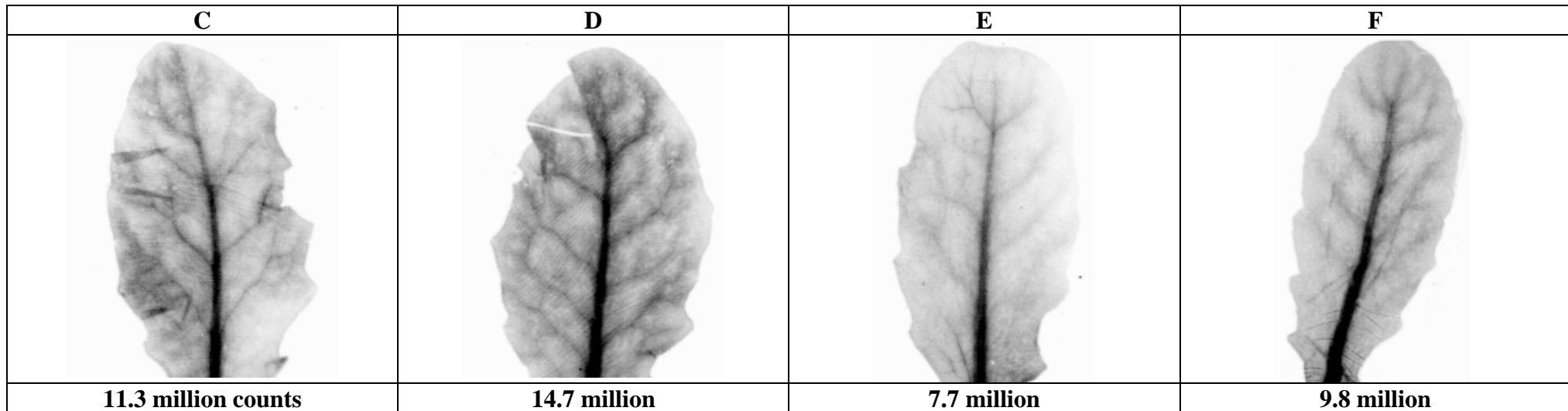
SOLUBLES

NaHCO<sub>3</sub> (0-1750 scale)

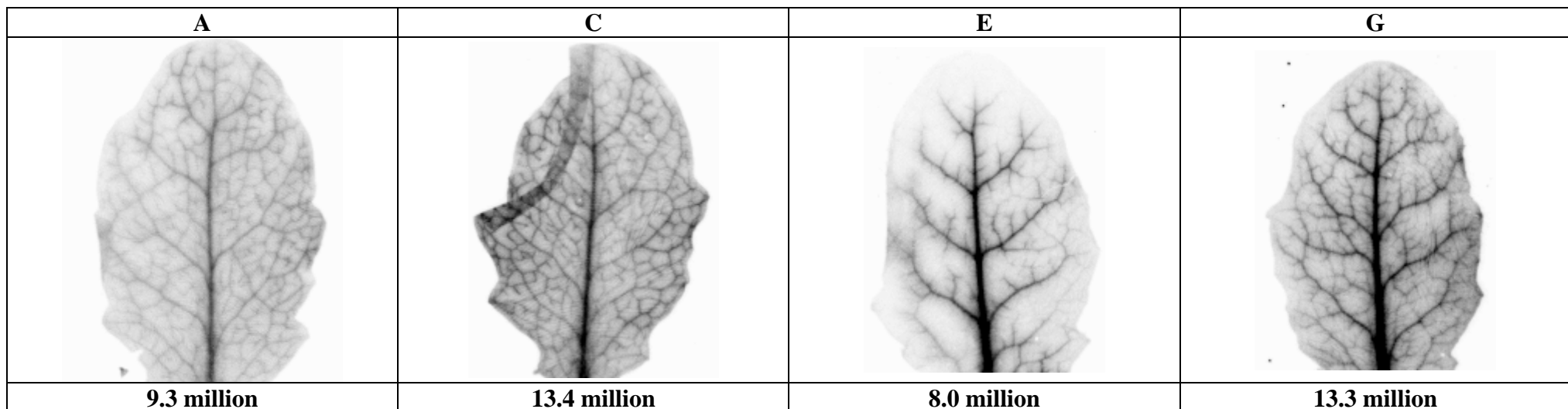
30min feeding, 15min 0.1mM chase

GMH25/J1511 (yellow) transgenic

105 mins imaging



C24 wild-type



**INSOLUBLES**


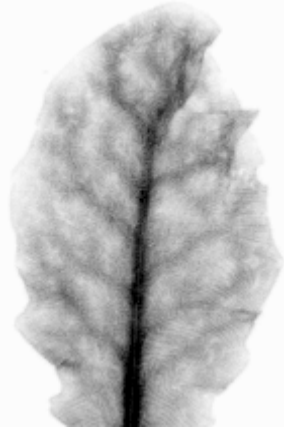


**NaHCO<sub>3</sub> (0-1750 scale)**

**30min feeding, 15min 0.1mM chase**


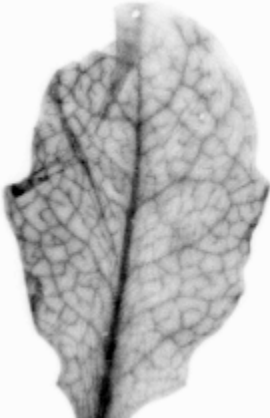


**GMH25/J1511 (yellow) transgenic**

**105 mins imaging**

**Extracted in 80% ethanol @ 70°C (30min) – 100% acetone @ 40°C (30min) – 80% ethanol @ 70°C (60min)**

C	D	E	F
			
10.2 million counts	11.9 million	5.5 million	5.7 million

**C24 wild-type**

A	C	E	G
			
9.4 million	11.4 million	5.8 million	10.6 million

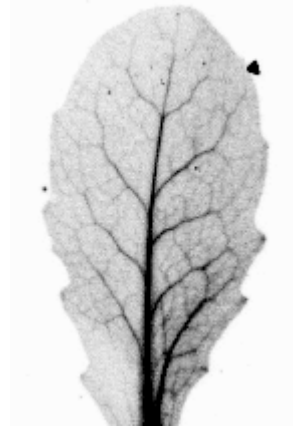
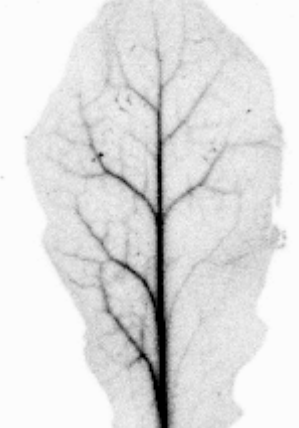
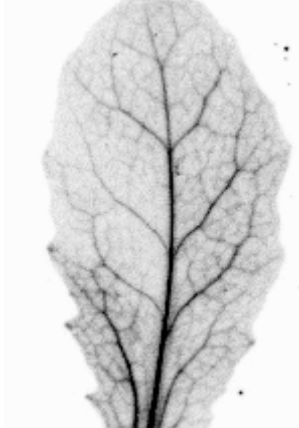
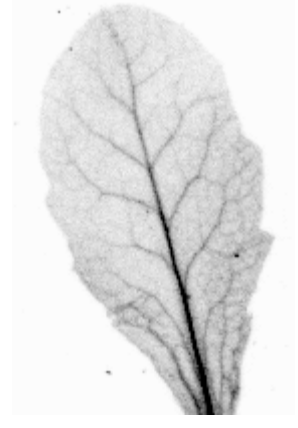
SOLUBLES

GLUCOSE (0-250 scale)

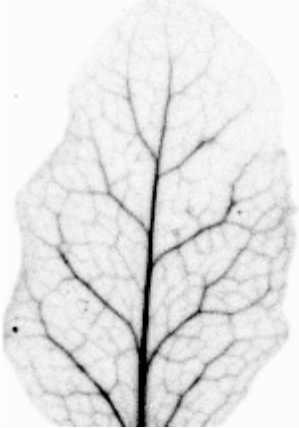
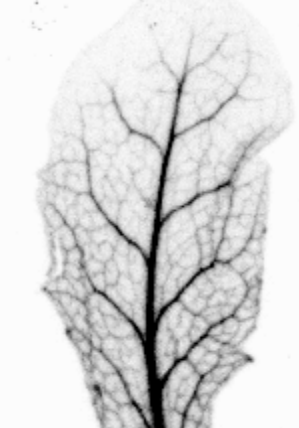
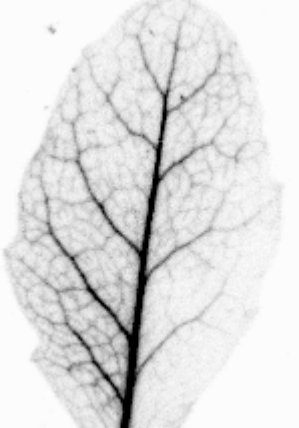
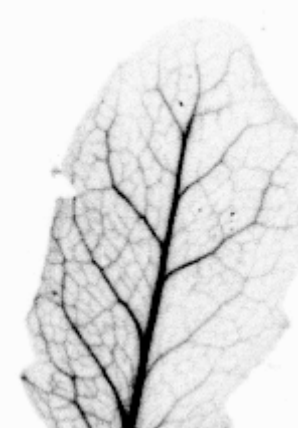
30min feeding, 15min 0.1mM chase

GMH25/J1511 (yellow) transgenic

105 mins imaging

A	B	C	E
			
1.3 million counts	968k	1.2 million	854k

C24 wild-type

A	B	C	D
			
823k	1.2 million	1.0 million	1.1 million

**INSOLUBLES**

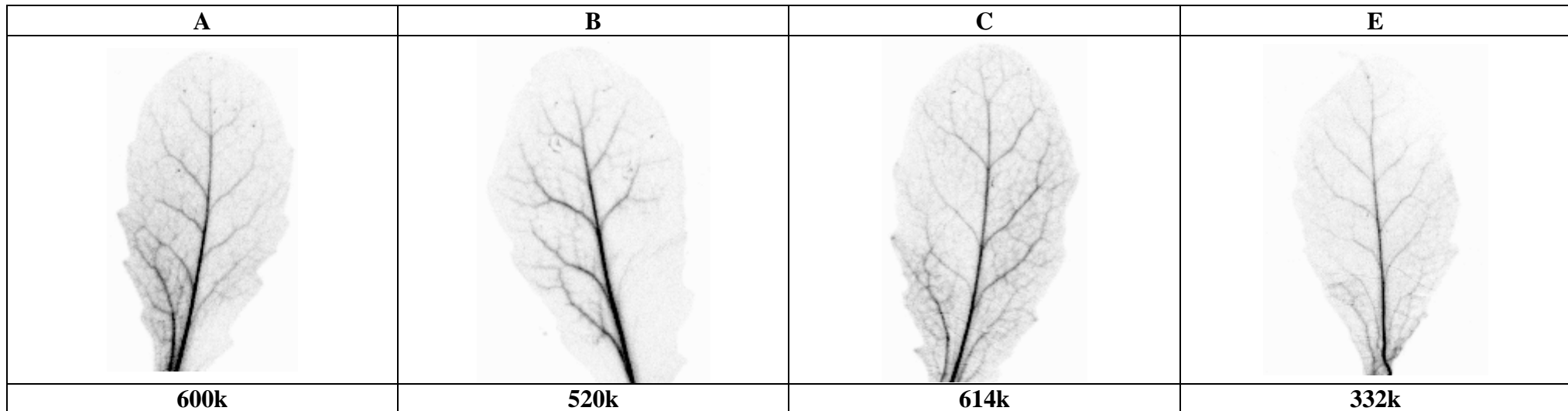
**GLUCOSE** (0-250 scale)

**30min feeding, 15min 0.1mM chase**

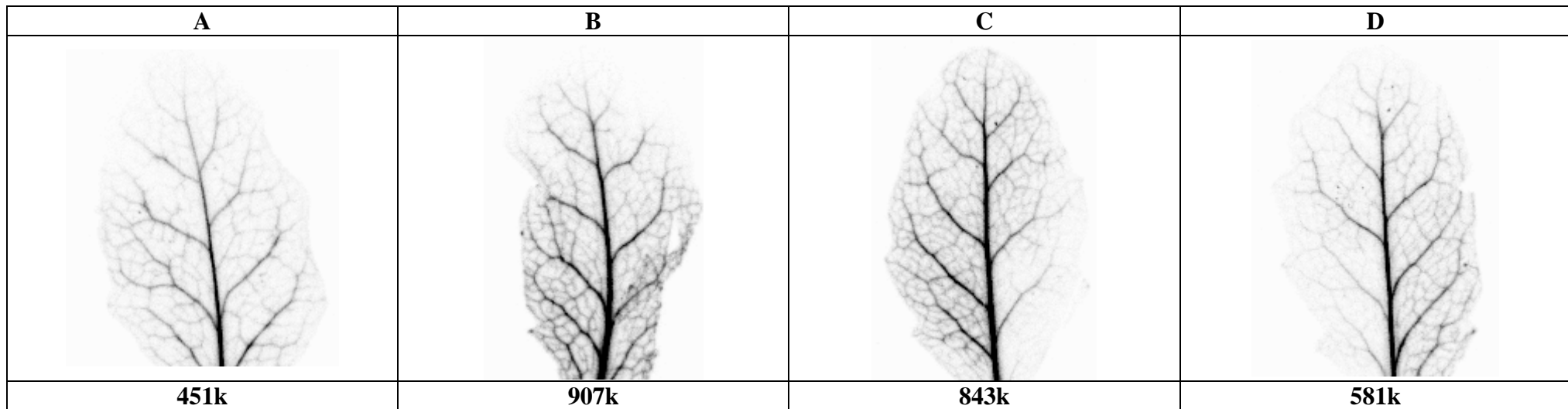
**GMH25/J1511 (yellow) transgenic**

**105 mins imaging**

**Extracted in 80% ethanol @ 70°C (30min) – 100% acetone @ 40°C (30min) – 80% ethanol @ 70°C (60min)**



**C24 wild-type**



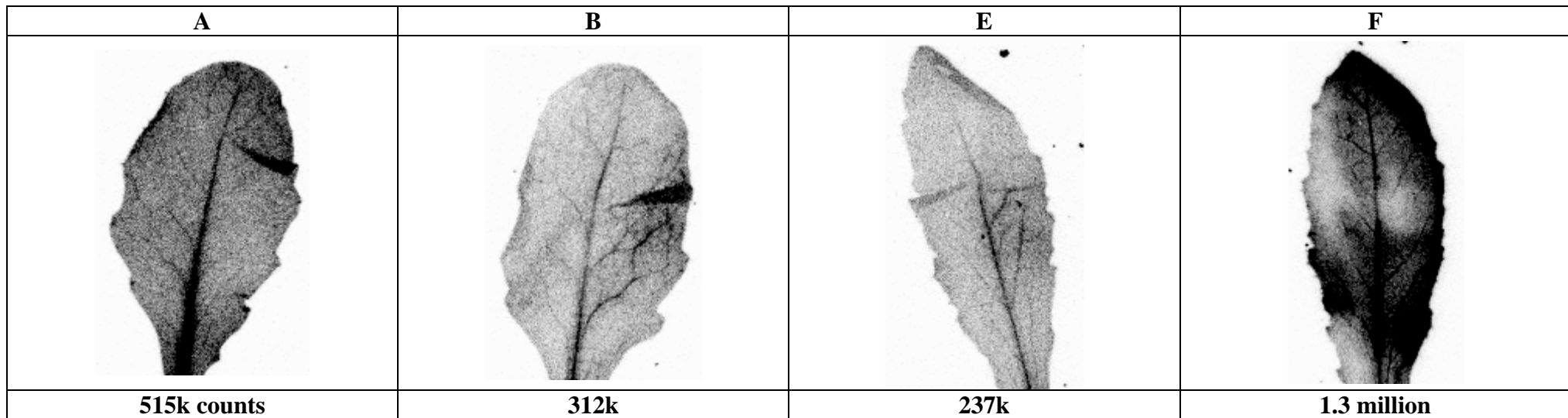
SOLUBLES

MALATE U (0-50 scale)

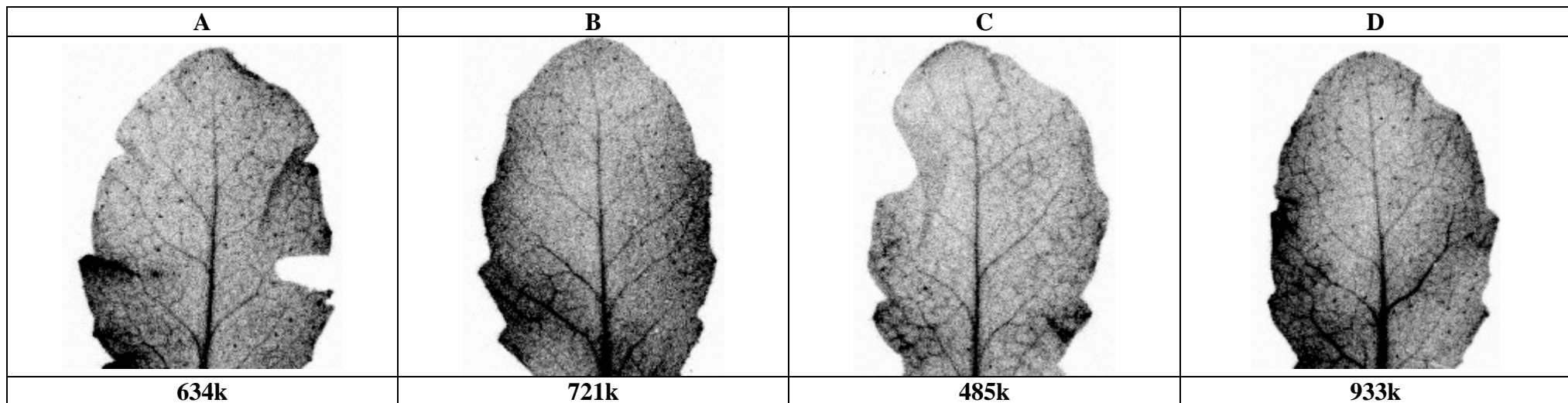
30min feeding, 15min 0.1mM chase

GMH25/J1551(Yellow) transgenic

105 mins imaging



C24 wild-type



**INSOLUBLES**





**MALATE U (0-50 scale)**

**30min feeding, 15min 0.1mM chase**

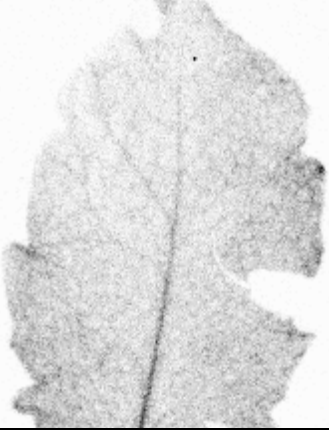
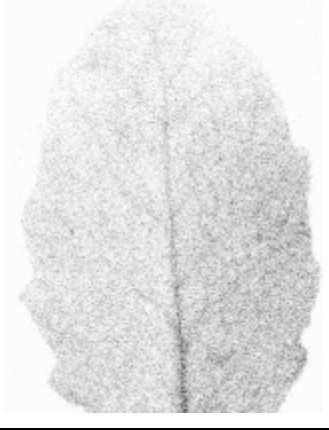
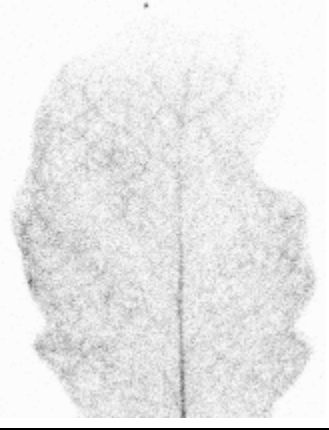
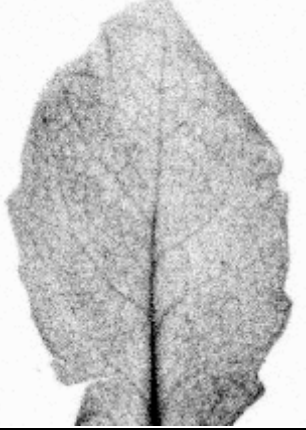
**GMH25/J1551(Yellow) transgenic**

**105 mins imaging**

**Extracted in 80% ethanol @ 70°C (30min) – 100% acetone @ 40°C (30min) – 80% ethanol @ 70°C (60min)**

A	B	E	F
			
158k counts	89k	25k	142k

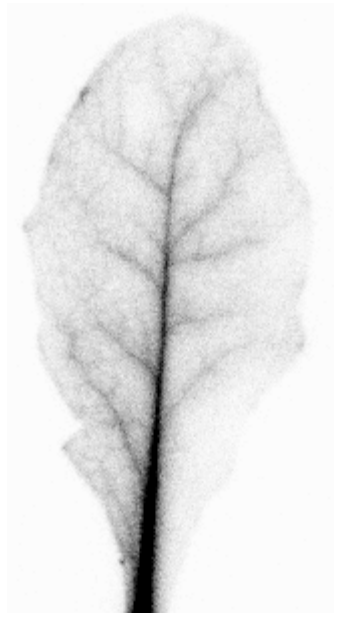
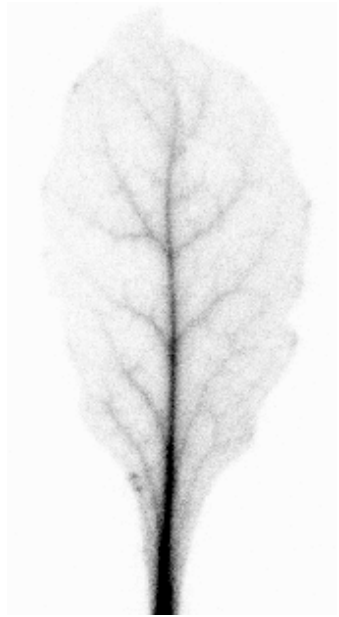
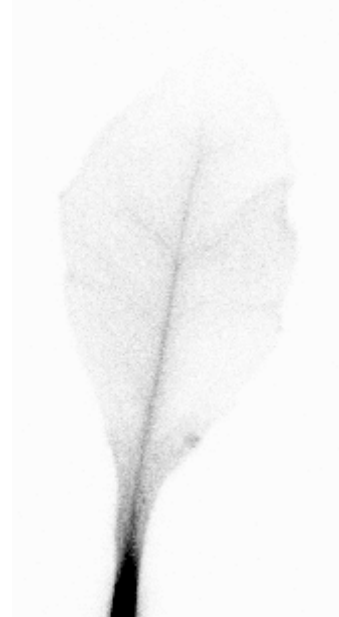
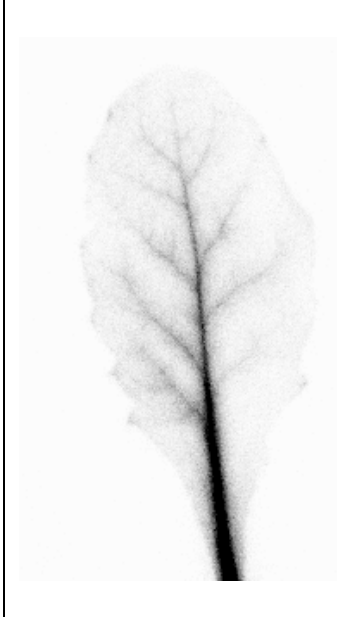
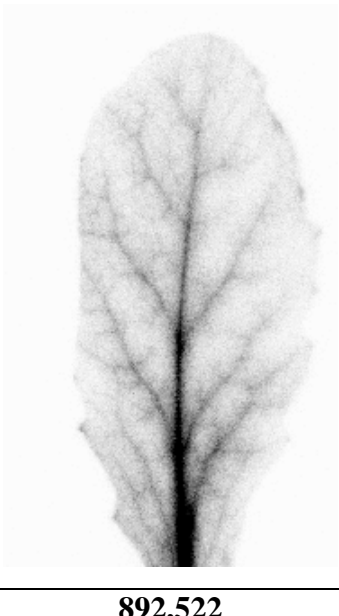
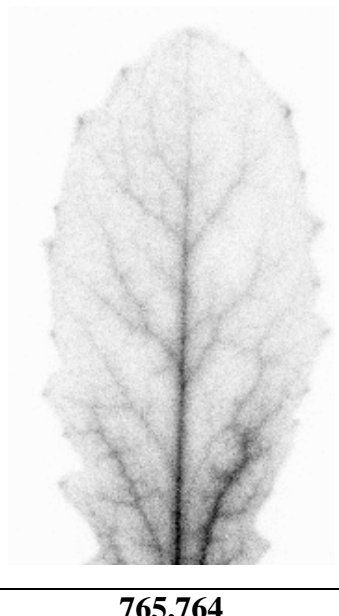
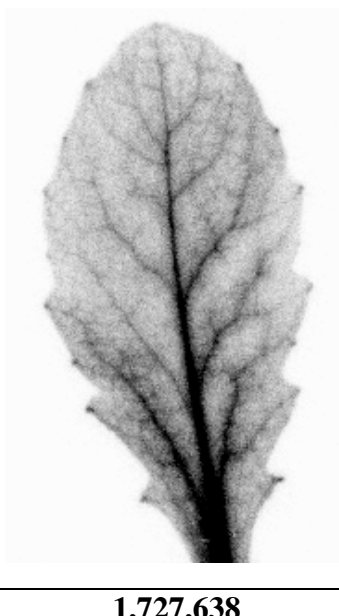
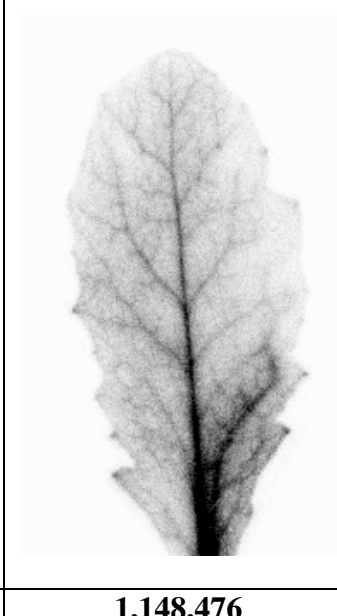
**C24 wild-type**

A	B	C	D
			
193k	155k	118k	318k


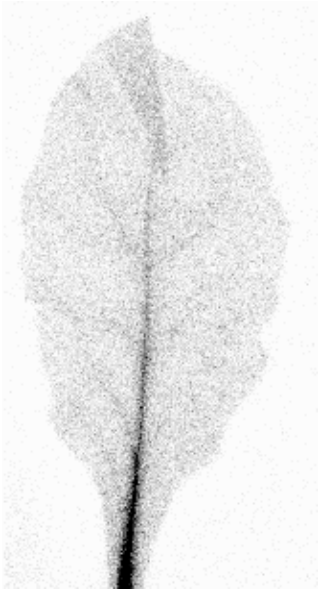
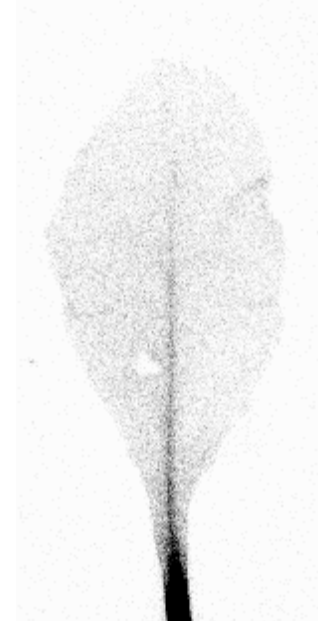

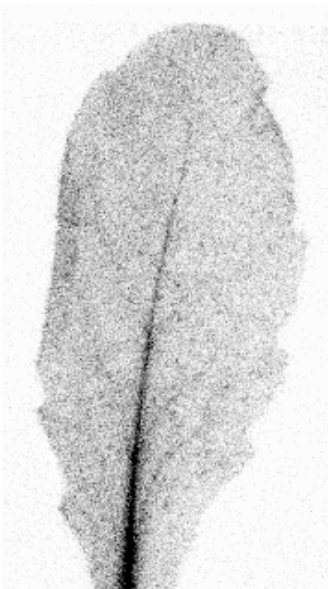



**Malate [4-14C] Purified (0-150 scale)**

**30min feeding, 15min 0.1mM chase 90 mins imaging**

**SOLUBLES**

	1	2	3	4
JMH25/J1511 'Yellow'				
	<b>723,750 counts</b>	<b>514,308</b>	<b>326,978</b>	<b>525,689</b>
C24 (WT)				
	<b>892,522</b>	<b>765,764</b>	<b>1,727,638</b>	<b>1,148,476</b>

**Malate [4-14C] Purified (0-25 scale) 30min feeding, 15min 0.1mM chase 90 mins imaging INSOLUBLES**

	1	2	3	4
JMH25/J1511 'Yellow'				
	106,492 counts	84,145	73,273	187,373
C24 (WT)				
	181,581	175,035	578,192	495,791