

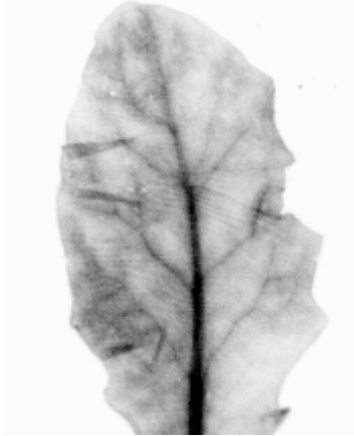

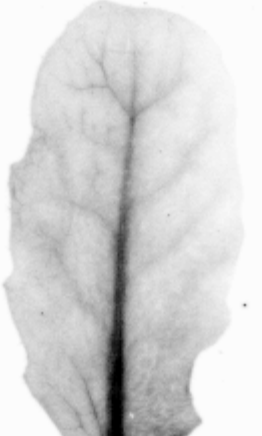

SOLUBLES

NaHCO₃ (0-1750 scale)

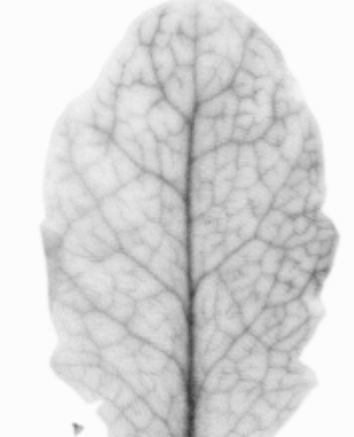
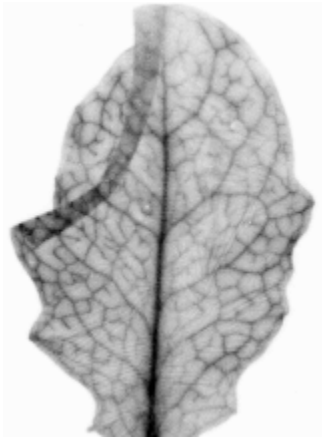

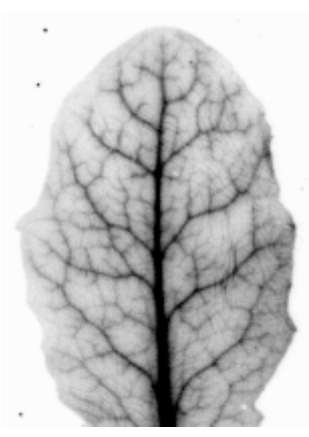
30min feeding, 15min 0.1mM chase

GMH25/J1511 (yellow) transgenic

105 mins imaging

C	D	E	F
			
11.3 million counts	14.7 million	7.7 million	9.8 million

C24 wild-type

A	C	E	G
			
9.3 million	13.4 million	8.0 million	13.3 million

INSOLUBLES


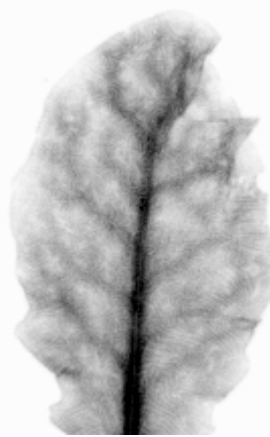


NaHCO₃ (0-1750 scale)

30min feeding, 15min 0.1mM chase


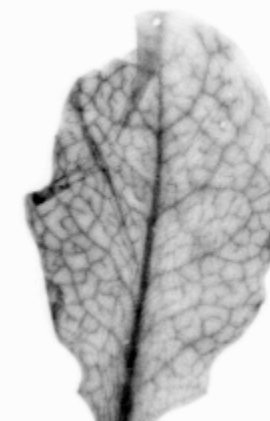

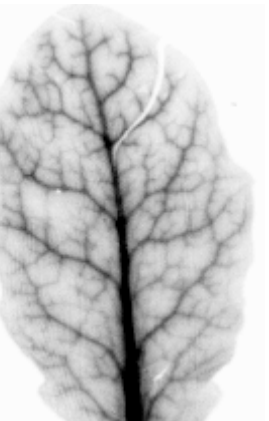
GMH25/J1511 (yellow) transgenic

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

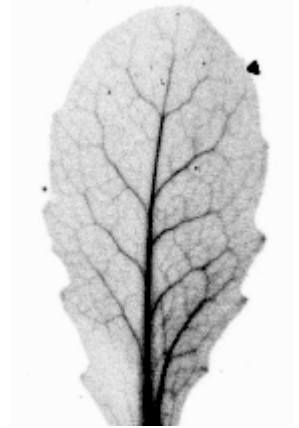
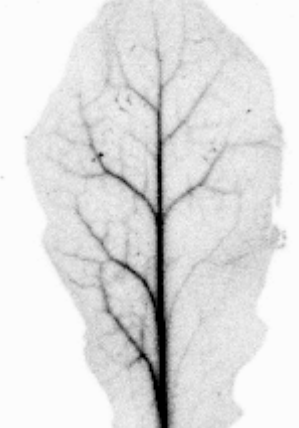
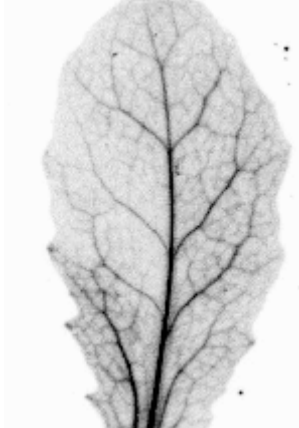
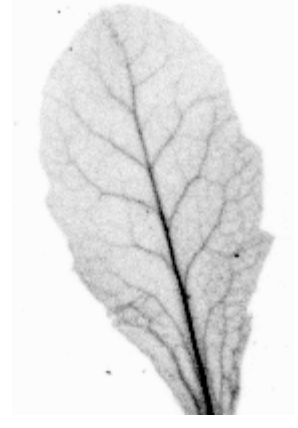
SOLUBLES

GLUCOSE (0-250 scale)

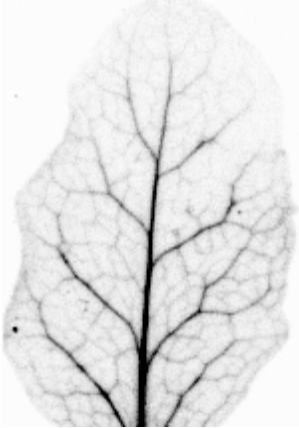
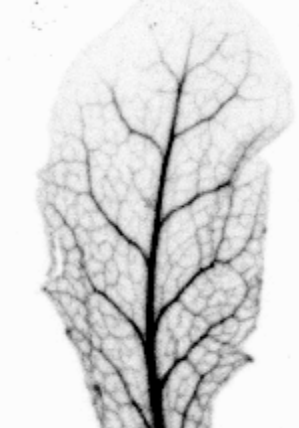
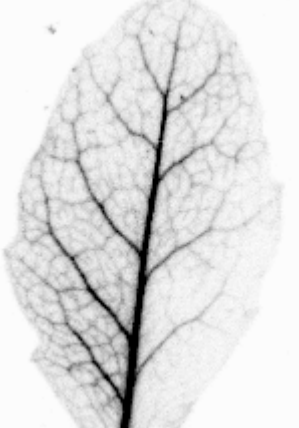
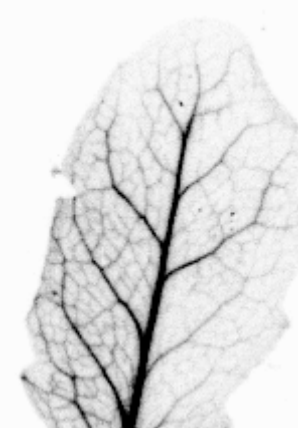
30min feeding, 15min 0.1mM chase

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

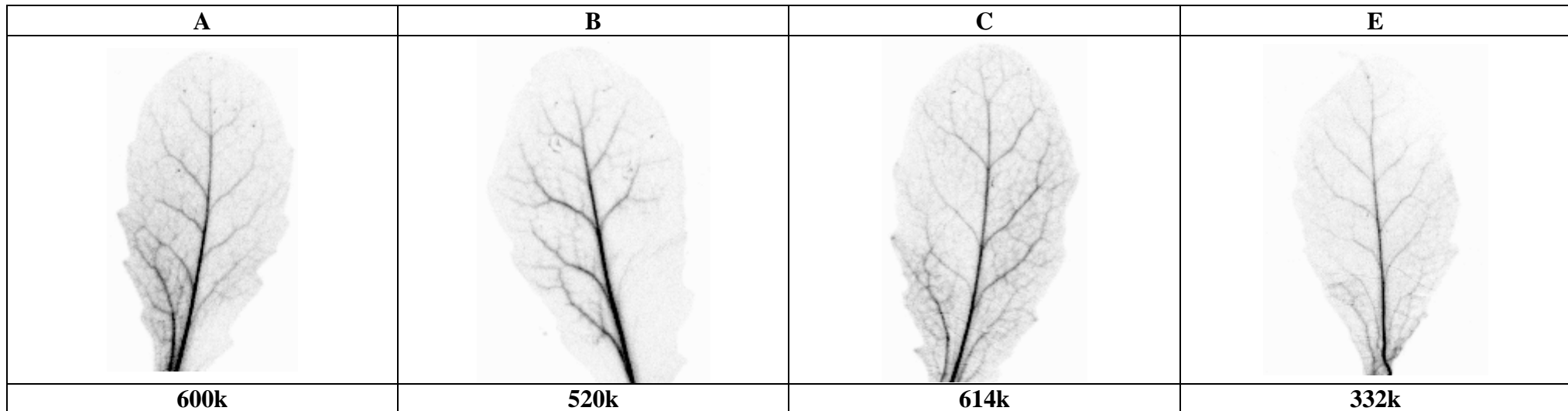
GLUCOSE (0-250 scale)

30min feeding, 15min 0.1mM chase

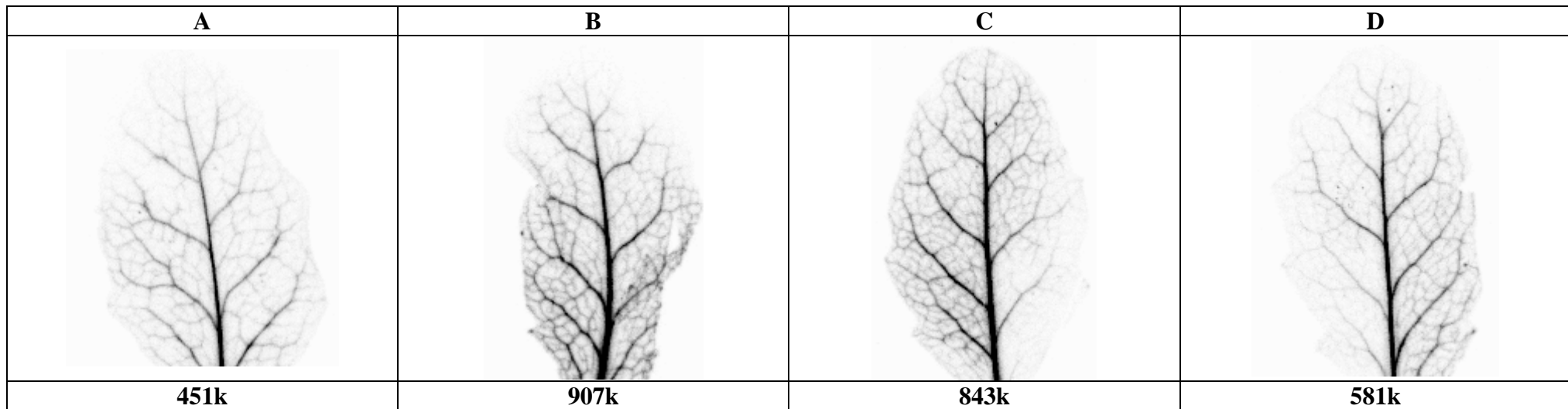
GMH25/J1511 (yellow) transgenic

105 mins imaging

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



C24 wild-type



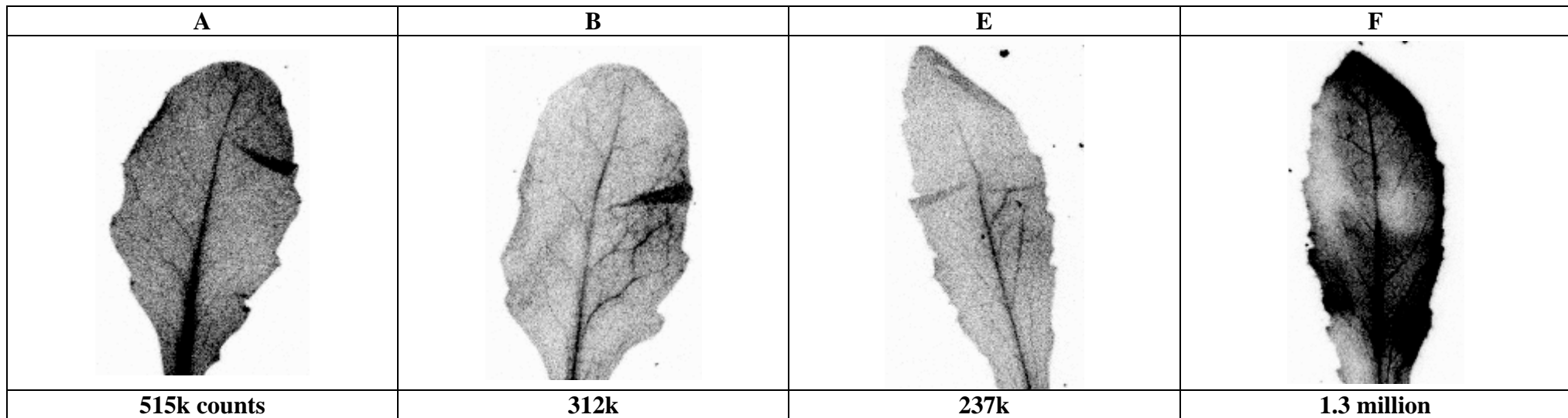
SOLUBLES

MALATE U (0-50 scale)

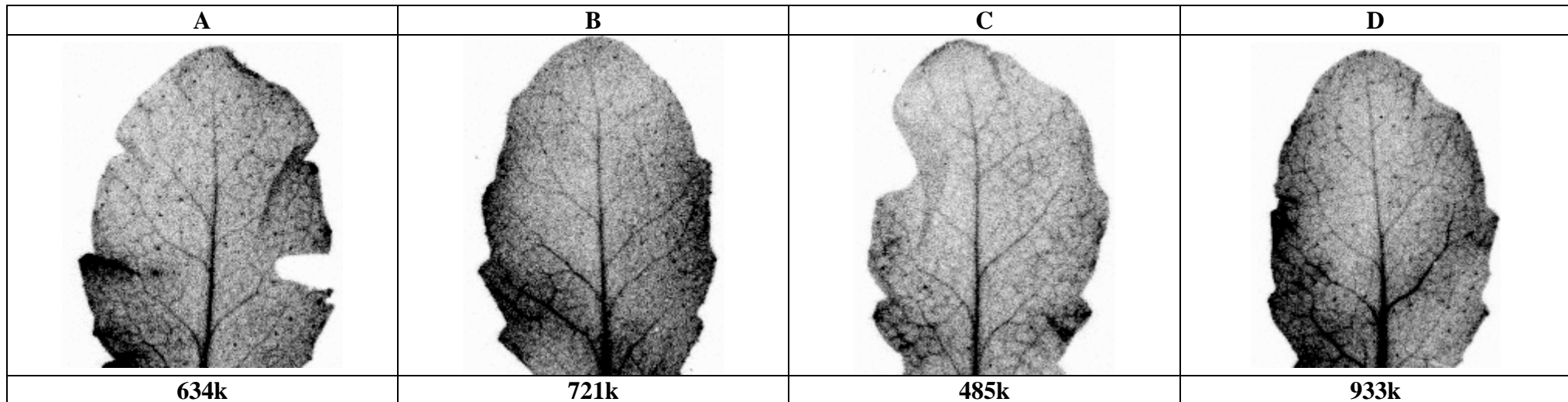
30min feeding, 15min 0.1mM chase

GMH25/J1551(Yellow) transgenic

105 mins imaging



C24 wild-type



INSOLUBLES





MALATE U (0-50 scale)

30min feeding, 15min 0.1mM chase

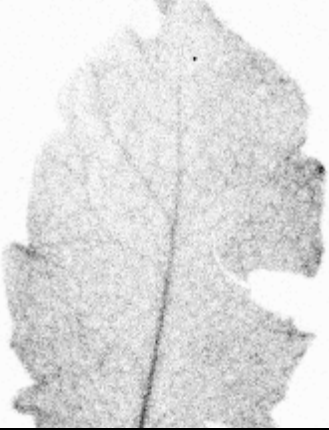
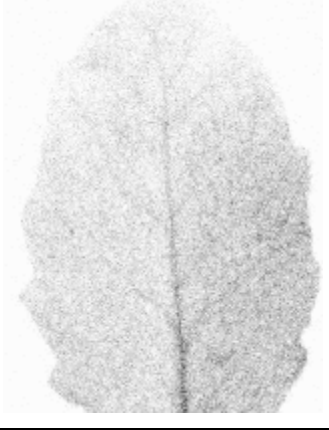
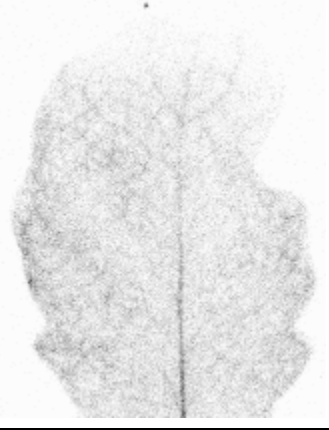
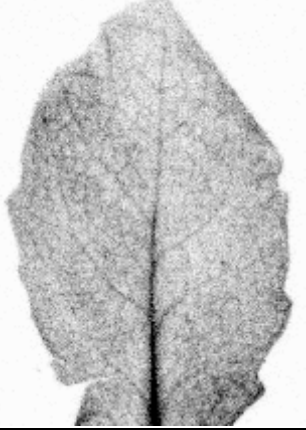
GMH25/J1551(Yellow) transgenic

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

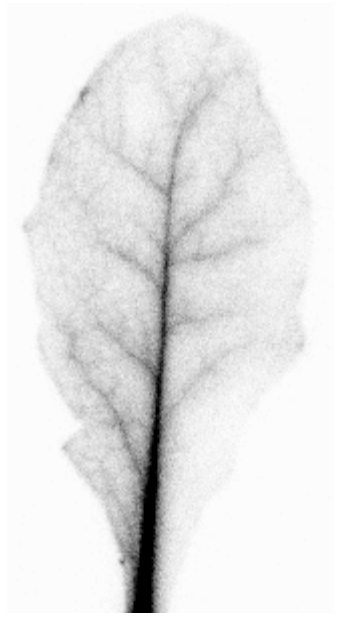
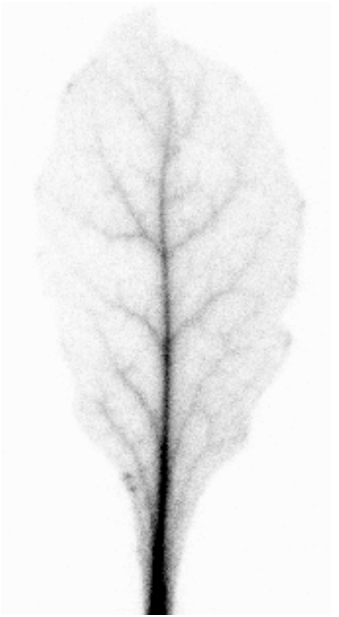


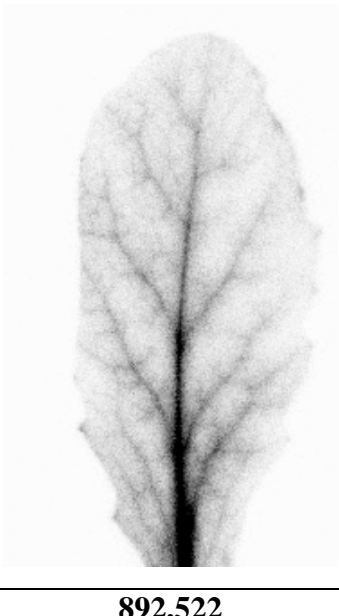
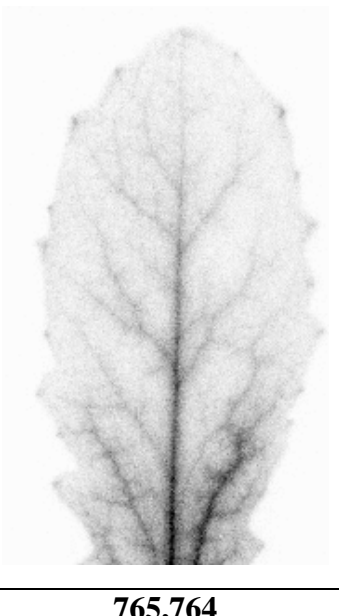
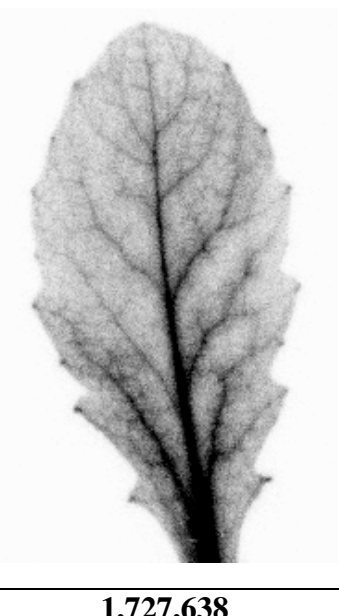
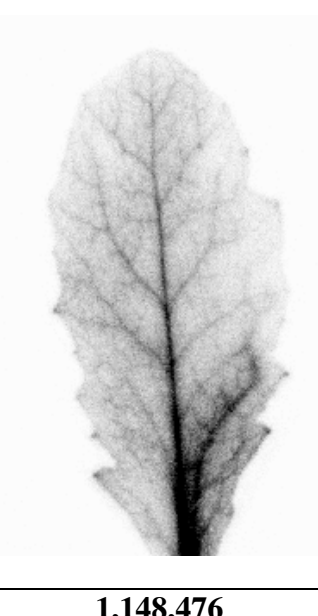
C24 wild-type

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


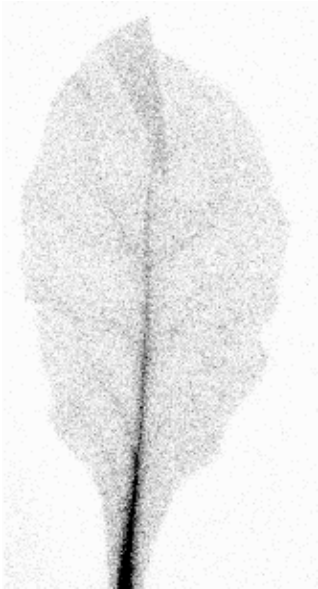
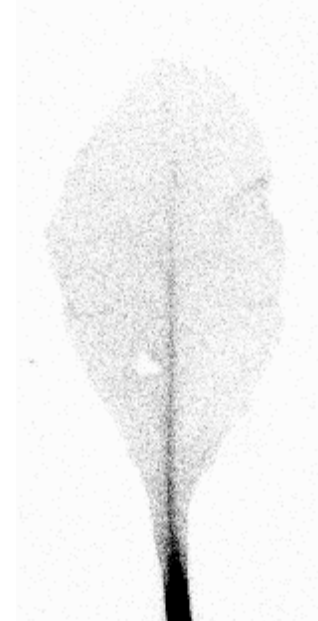

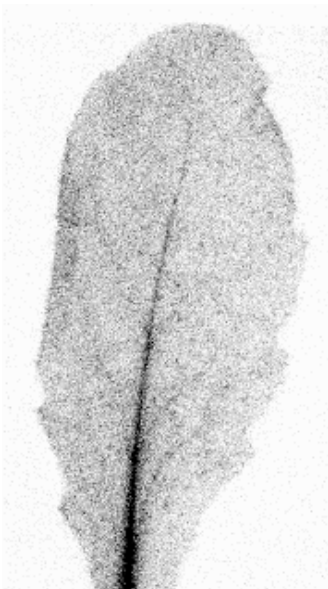



Malate [4-14C] Purified (0-150 scale)

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

SOLUBLES

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

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