

Mitochondria	Glutathione			Ascorbate			Days in darkness
	Col-0	<i>pad2-1</i>	<i>vtc2-1</i>	Col-0	<i>pad2-1</i>	<i>vtc2-1</i>	
0 d	a	a	b	a	a	b	0 d
1 d	b	a	b	a	a	a	1 d
2 d	b	a	b	a	b	b	2 d
4 d	b	a	b	a	a	a	4 d
7 d	a	b	b	a	b	b	7 d
10 d	a	b	-	a	b	-	10 d
Plastids	Glutathione			Ascorbate			Days in darkness
	Col-0	<i>pad2-1</i>	<i>vtc2-1</i>	Col-0	<i>pad2-1</i>	<i>vtc2-1</i>	
0 d	b	c	a	a	a	b	0 d
1 d	a	a	b	a	a	a	1 d
2 d	b	a	b	a	a	a	2 d
4 d	b	a	b	a	a	b	4 d
7 d	a	a	b	a	a	b	7 d
10 d	a	b	-	a	b	-	10 d
Nuclei	Glutathione			Ascorbate			Days in darkness
	Col-0	<i>pad2-1</i>	<i>vtc2-1</i>	Col-0	<i>pad2-1</i>	<i>vtc2-1</i>	
0 d	a	b	a	a	a	b	0 d
1 d	a	b	b	a	a	c	1 d
2 d	a	a	a	a	a	c	2 d
4 d	a	a	a	a	a	b	4 d
7 d	a	a	b	a	a	b	7 d
10 d	a	b	-	b	b	-	10 d
Peroxisomes	Glutathione			Ascorbate			Days in darkness
	Col-0	<i>pad2-1</i>	<i>vtc2-1</i>	Col-0	<i>pad2-1</i>	<i>vtc2-1</i>	
0 d	b	c	a	a	a	b	0 d
1 d	a	b	b	a	b	c	1 d
2 d	ab	b	a	a	a	a	2 d
4 d	a	a	a	a	b	b	4 d
7 d	a	a	a	a	ab	b	7 d
10 d	a	a	-	a	b	-	10 d
Cytosol	Glutathione			Ascorbate			Days in darkness
	Col-0	<i>pad2-1</i>	<i>vtc2-1</i>	Col-0	<i>pad2-1</i>	<i>vtc2-1</i>	
0 d	a	c	b	a	a	b	0 d
1 d	a	b	b	b	a	c	1 d
2 d	a	b	a	a	b	c	2 d
4 d	a	b	c	a	b	b	4 d
7 d	a	a	a	a	b	b	7 d
10 d	a	a	-	a	b	-	10 d
Vacuoles	Ascorbate			Days in darkness			
	Col-0	<i>pad2-1</i>	<i>vtc2-1</i>				
0 d	a	a	a	0 d			
1 d	b	a	b	1 d			
2 d	a	a	a	2 d			
4 d	a	a	a	4 d			
7 d	a	b	b	7 d			
10 d	a	b	-	10 d			

Table A2