

Table (S1). Expression data at different tissues from seedling to flowering stages, specific trichomes and specific stem epidermis at top and bottom.

No.	Tissue	Expression level	Standard deviation
1	Dry seed	5.29	2.06
2	Imbibed seed, 24 h	18.57	4.16
3	1 st node	5.13	0.06
4	Flower stage 12, stamens	3.18	2.59
5	Cauline leaf	8.37	1.58
6	Cotyledon	10.17	2.11
7	Root	217.6	20.41
8	Entire rosette after transition to flowering	6.30	2.10
9	Flower stage 9	5.57	0.26
10	Flower stage 10/11	6.77	1.63
11	Flower stage 12	6.12	4.88
12	Flower stage 15	7.25	2.12
13	Flower stage 12, carpels	6.77	1.51
14	Flower stage 12, petals	4.53	2.52
15	Flower stage 12, sepals	5.27	4.43
16	Flower stage 15, carpels	8.35	1.17
17	Flower stage 15, petals	7.27	2.73
18	Flower stage 15, sepals	5.5	1.20
19	Flower stage 15, stamen	6.45	3.62
20	Flowers stage 15, pedicels	6.72	4.82
21	Leaf 1 + 2	10.47	3.03
22	Leaf 7, petiole	7.73	3.48
23	Leaf 7, distal half	9.68	2.51
24	Leaf 7, proximal half	12.08	3.13
25	Hypocotyl	11.32	2.83
26	Root	220.57	18.61
27	Rosette leaf 2	6.90	2.07
28	Rosette leaf 4	7.00	2.30
29	Rosette leaf 6	7.67	1.74
30	Rosette leaf 8	5.98	1.01
31	Rosette leaf 10	8.42	1.27
32	Rosette leaf 12	9.17	3.53
33	Senescing leaf	8.58	0.61
34	Shoot apex, inflorescence	10.23	4.15
35	Shoot apex, transition	6.63	1.60
36	Shoot apex, vegetative	9.27	0.10
37	Stem, 2 nd internode	7.28	2.03
38	Mature pollen	11.72	7.13
39	Seeds stage 3 w/ siliques	8.48	1.62
40	Seeds stage 4 w/ siliques	18.75	4.36
41	Seeds stage 5 w/ siliques	37.77	6.76

Table (S1) Cont.

42	Seeds stage 6 w/o siliques	28.72	2.06
43	Seeds stage 7 w/o siliques	22.38	2.18
44	Seeds stage 8 w/o siliques	5.35	4.08
45	Seeds stage 9 w/o siliques	8.25	3.03
46	Seeds stage 10 w/o siliques	4.27	3.43
47	Vegetative rosette	5.93	4.35
Tissue specific trichomes eFP			
48	WT Col-0 leaves after trichome removal	13.18	6.05
49	WT Col-0 trichomes	12.57	6.33
50	gl3-sst mutant trichomes	13.23	2.20
51	gl3-sst sim double mutant trichomes	13.66	1.51
52	gl3-sst nok-1 double mutant trichomes	9.83	1.67
Tissue specific stem epidermis eFP			
53	Stem epidermis, top of stem	10.46	1.79
54	Whole stem, top of stem	8.59	1.15
55	Stem epidermis, bottom of stem	7.68	4.28
56	Whole stem, bottom of stem	5.62	6.08