

**Table S1.** Expression data at different tissues from seedling to flowering stages, specific embryo development, specific guard and mesophyll cells, and specific stem epidermis at top and bottom.

No.	Tissue	Expression Level	Standard Deviation
1	Dry seed	0.74	0.13
2	Imbibed seed, 24 h	0.96	0.25
3	1st Node	13.3	2.73
4	Flower Stage 12, Stamens	3.35	2.15
5	Cauline Leaf	25.88	4.11
6	Cotyledon	20.08	3.77
7	Root	1.4	0.22
8	Entire Rosette After Transition to Flowering	9.95	5.15
9	Flower Stage 9	13.42	1.36
10	Flower Stage 10/11	15	1.69
11	Flower Stage 12	49.55	6.85
12	Flower Stage 15	128.03	7.24
13	Flower Stage 12, Carpels	12.1	2.56
14	Flower Stage 12, Petals	3.4	3.03
15	Flower Stage 12, Sepals	85.28	6.86
16	Flower Stage 15, Carpels	10.47	2.06
17	Flower Stage 15, Petals	4.42	3.25
18	Flower Stage 15, Sepals	303.35	20.01
19	Flower Stage 15, Stamen	14.28	1.69
20	Flowers Stage 15, Pedicels	22.5	7.55
21	Leaf 1 + 2	1.6	0.48
22	Leaf 7, Petiole	39.5	6.29
23	Leaf 7, Distal Half	58.53	6.23
24	Leaf 7, Proximal Half	20.65	1.56
25	Hypocotyl	1.93	1.55
26	Root	2.92	3.58
27	Rosette Leaf 2	82	14.23
28	Rosette Leaf 4	85.63	5.33
29	Rosette Leaf 6	38.42	7.68
30	Rosette Leaf 8	16.77	0.88
31	Rosette Leaf 10	16.98	1.83
32	Rosette Leaf 12	2.12	0.14
33	Senescing Leaf	20.25	2.6
34	Shoot Apex, Inflorescence	8.08	1.21
35	Shoot Apex, Transition	2.5	2.11
36	Shoot Apex, Vegetative	4.03	3.5
37	Stem, 2nd Internode	2.17	2.38
38	Mature Pollen	4.47	1.37
39	Seeds Stage 3 w/ Siliques	4.18	2.4
40	Seeds Stage 4 w/ Siliques	1.05	0.54
41	Seeds Stage 5 w/ Siliques	0.75	0.52
42	Seeds Stage 6 w/o Siliques	1.18	0.28
43	Seeds Stage 7 w/o Siliques	4.2	3.2
44	Seeds Stage 8 w/o Siliques	4.25	4.34
45	Seeds Stage 9 w/o Siliques	7.65	5.67
46	Seeds Stage 10 w/o Siliques	4.58	2.92
47	Vegetative Rosette	11.48	1.95

**Table (S1) Cont.**

<b>Tissue Specific Embryo Development eFP:</b>			
No.			
48	Globular -apical	7.6	0.75
49	Globular -basal	8.37	3.07
50	Heart- cotyledons	46.13	48.99
51	Heart-root	5.07	1.68
52	Torpedo-cotyledons	45.97	68.53
53	Torpedo-apical	2.19	1.29
54	Torpedo-root	21.47	6.9
55	Torpedo-basal	21.38	30.73
56	Torpedo-meristem	17.84	18.21
<b>Tissue Specific Guard And Mesophyll Cells eFP:</b>			
57	Cross Section of leaf -Mesophyll Cells no ABA	43.29	44.3
58	Cross Section of leaf- Mesophyll Cells with 100 uMABA	80.39	104.8
59	Surface View of Leaf- Guard Cells no ABA	5.14	4.07
60	Surface View of Leaf- Guard Cells with 100 uM ABA	28.01	20.85
61	Mesophyll Cells without ABA , cordycepin and actinomycin added during protoplasting	74.61	nan
62	Mesophyll Cells without ABA , no cordycepin nor actinomycin	11.97	nan
63	Mesophyll Cells with 100 uMABA , cordycepin and actinomycin added during protoplasting	154.49	nan
64	Mesophyll Cells with 100 uMABA , no cordycepin nor actinomycin	6.28	nan
65	Guard Cells without ABA , cordycepin and actinomycin added during protoplasting	8.02	nan
66	Guard Cells without ABA , no cordycepin nor actinomycin	2.27	nan
67	Guard Cells with 100 uMABA , cordycepin and actinomycin added during protoplasting	42.76	nan
68	Guard Cells with 100 uMABA , no cordycepin nor actinomycin	13.27	nan
<b>Tissue Specific Stem Epidermis eFP:</b>			
69	Stem epidermis, top of stem	9.76	4.19
70	Whole stem, top of stem	2.8	1.1
71	Stem epidermis, bottom of stem	8.03	7.78
72	Whole stem, bottom of stem	3.15	0.24