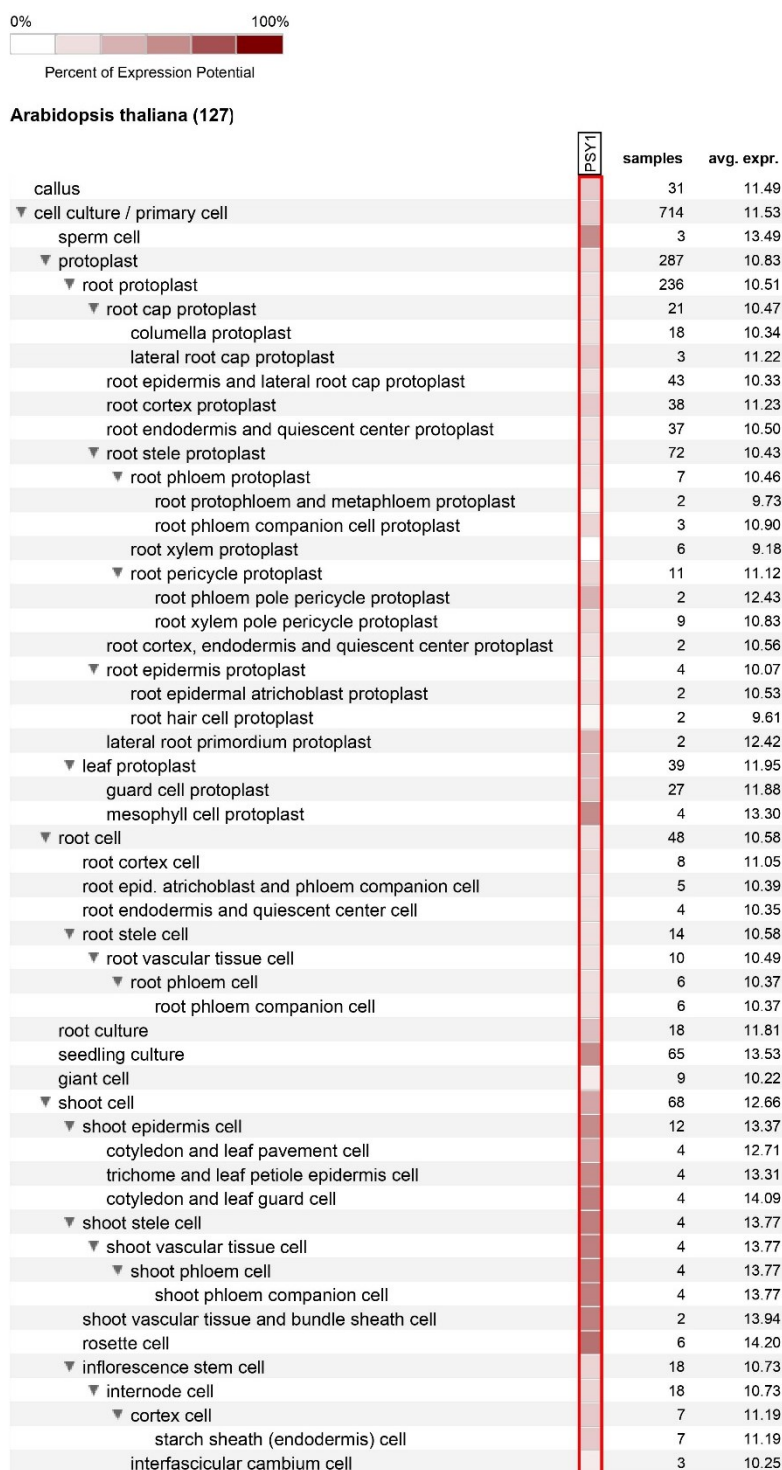


Supplementary material to “Molecular evolution and diversification of phytoene synthase (PSY) gene family”



▼ leaf cell	18	12.67
▼ leaf epidermis cell	18	12.67
guard cell	18	12.67
▼ seedling	2331	13.59
cotyledon	28	14.52
▼ shoot apex ⁱ	25	13.35
shoot apical meristem ⁱ	17	13.95
hypocotyl ⁱ	27	12.57
radicle	23	11.00
▼ inflorescence	801	12.36
▼ raceme	327	12.82
▼ flower	324	12.81
▼ stamen	118	11.52
▼ anther	52	9.84
pollen	52	9.84
abscission zone	15	13.15
▼ pistil	40	13.07
▼ carpel	11	13.13
stigma	3	14.30
▼ ovary	6	12.76
ovule	2	11.74
petal	6	14.41
sepal	6	14.24
pedicel	3	14.77
▼ silique	372	11.73
▼ seed	323	11.47
▼ embryo	40	11.63
suspensor	2	9.83
▼ endosperm	41	12.14
micropylar endosperm	8	11.32
▼ nonmicropylar endosperm	22	12.48
peripheral endosperm	10	12.38
chalazal endosperm	12	12.56
▼ testa	25	10.61
general seed coat	8	10.62
chalazal seed coat	13	10.76
▼ pericarp	7	13.16
replum	7	13.16
▼ shoot	4606	14.06
▼ inflorescence stem	91	13.57
node	3	14.02
▼ internode	3	10.20
▼ stele ⁱ	3	10.20
▼ conducting tissue ⁱ	3	10.20
phloem	3	10.20
developing meristemoid zone	3	12.90
▼ rosette	3904	14.13
stem	3	13.80
▼ leaf	2845	14.08
petiole	24	13.68
juvenile leaf	190	14.31
adult leaf	1006	13.94
senescent leaf	3	13.69
axillary bud	2	14.04
cauline leaf	3	14.91
▼ shoot apex ⁱ	255	13.44
shoot apical meristem ⁱ	71	13.95
leaf primordia	11	14.87
axillary shoot	2	13.49
▼ hypocotyl ⁱ	42	12.19
▼ stele ⁱ	9	12.63
▼ conducting tissue ⁱ	9	12.63
xylem	9	12.63
cork	9	11.56
▼ roots	1081	10.55
▼ primary root	235	10.38
▼ root tip	102	10.26
root apical meristem	17	9.78
elongation zone	66	10.12
maturation zone	33	10.68
▼ stele ⁱ	5	12.12
pericycle	5	12.12
lateral root	43	11.22

Figure S9 - Gene expression analysis across anatomical parts of *A. thaliana* performed using GENEVESTIGATOR.