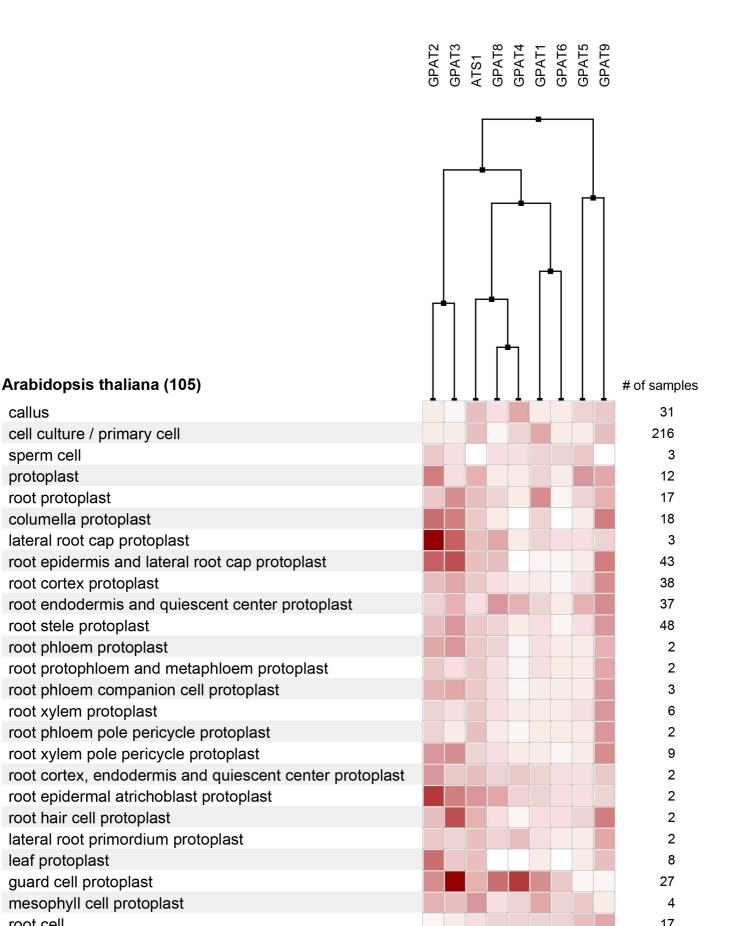
callus

Supplementary Material to "Genome-wide analysis of the Glycerol-3-Phosphate Acyltransferase (GPAT) gene family reveals the evolution and diversification of plant **GPATs**"

Dataset: 105 anatomical parts from data selection: AT_AFFY_ATH1-0 Showing 9 measure(s) of 9 gene(s) on selection: AT-0





mesophyll cell protoplast							4
root cell							17
root cortex cell							8
root epid. atrichoblast and phloem companion cell							5
root endodermis and quiescent center cell							4
root stele cell							4
root vascular tissue cell							4
root phloem companion cell							6
root culture							18
seedling culture							65
giant cell							9
shoot cell							8
cotyledon and leaf pavement cell							4
trichome and leaf petiole epidermis cell							4
cotyledon and leaf guard cell							4
shoot phloem companion cell							4
shoot vascular tissue and bundle sheath cell							2
rosette cell							6
internode cell							8
starch sheath (endodermis) cell							7
interfascicular cambium cell							3
guard cell							18
seedling							2242
cotyledon							28
shoot apex							8
shoot apical meristem							17
hypocotyl							27
radicle							23
inflorescence							102
flower							154
stamen							51
pollen							52
abscission zone							15
pistil							29
carpel							2
stigma							3
ovary							4
ovule							2
petal						·	6
sepal							6
pedicel							3
silique							42
seed							217
embryo							38
suspensor							2
endosperm							11
micropylar endosperm							8
peripheral endosperm							10
chalazal endosperm							12
testa					 		4
general seed coat							8
chalazal seed coat		-					13
replum							7
shoot							254
inflorescence stem	_						84
node		-					3
phloem		-					3
developing meristemoid zone							3
rosette							1073
stem							3
leaf							1604
petiole							24
juvenile leaf							192
adult leaf							1026
senescent leaf							3
axillary bud							2
cauline leaf							3
shoot apex							177
shoot apical meristem							71
leaf primordia							11
axillary shoot							2
hypocotyl							24
xylem							9
cork							9
roots							803
							29
							29 85
primary root							57
primary root root tip							
primary root root tip root apical meristem							17
primary root root tip root apical meristem elongation zone							17 66
primary root root tip root apical meristem elongation zone maturation zone							17 66 33
primary root root tip root apical meristem elongation zone							17 66

created with GENEVESTIGATOR

Figure S2 - Microarray data analysis from Genevestigator showing expression pattern of GPATs in anatomical parts of Arabidopsis thaliana.