

GeneID	Gene	0 callus	1 cell suspension	2 seedling	21 cotyledons	22 hypocotyl	23 radicle	3 inflorescence	31 flower	311 carpel	3111 ovary	3112 stigma	312 petal	313 sepal	314 stamen	3141 pollen	315 pedicel	32 siliqua	33 seed	34 stem	35 node	36 shoot apex	37 cauline leaf	4 rosette	41 juvenile leaf	42 adult leaf	43 petiole	44 senescent leaf	45 hypocotyl	451 xylem	452 cork	5 roots	52 lateral root	53 root tip	54 elongation zone	55 root hair zone	56 endodermis	57 endodermis+cortex	58 epid. trichoblasts	59 lateral root cap	60 stele	
At2g19800	MIOX2																																									
At4g26260	MIOX4																																									
At5g56640	MIOX5																																									
At5g39320	UGD1																																									
At3g29360	UGD2																																									
At5g15490	UGD3																																									
At1g26570	UGD4																																									
At5g52560	USP																																									

Table1

Relative expression pattern of *MIOX*, *UGD* and *USP* in different organs of Arabidopsis. Data are taken from Genevestigator (www.genevestigator.ethz.ch; Zimmermann et al., 2004). *MIOX* and *USP* are strongly expressed in pollen while *UGD* is expressed almost in all organs.



Colour scale: White colour shows the weakest expression.