

**Additional file 9:**

**Table S7. Temporal profile of unigene numbers expressed in adaxial epidermal or storage parenchyma cells of cultured *V. faba* cotyledons.** Only unigenes with a RPKM >0.45 in all three biological replicates of each cell type for a specified sampling time were defined as being ‘expressed’.

Culture time (h)	Cotyledon cell type	Unigene number
0	Adaxial epidermal cell	27,244
	Storage parenchyma cell	20,876
3	Adaxial epidermal transfer cell	29,194
	Storage parenchyma cell	23,887
12	Adaxial epidermal transfer cell	27,600
	Storage parenchyma cell	23,220