

Table S1. Changes in the length (L, mm), fresh weight (FW, in mg/part or mg/2 cotyledons), and water content (WC, as % of FW) during 7 days of seed germination and seedling development of pea, cucumber, and wheat. Values are means of 3-5 replicates. Abbreviations: PR – primary root, Rs- root system, Ep – epicotyl, C – 2 cotyledons, S – shoot (coleoptile with leaf), E – endosperm with seed coat.

<i>Pisum sativum</i> L. cv Hubal									<i>Cucumis sativus</i> L. cv Polan F1									<i>Triticum aestivum</i> L. cv Forkida																										
Day	L, mm		FW, mg			WC, %			L, mm		FW, mg			WC, %			L, mm		FW, mg			WC, %																						
	PR	Ep	PR	Ep	C	PR	Ep	C	PR	H	Rs	H	C	Rs	H	C	Rs	S	Rs	S	E	Rs	S	E																				
0	4*		2*			259			5*			6			-*			2*			17			4*			5			-*			3*			41			6*			5		
1	6*		8*			389			53*			39			-*			3*			26			65*			37			-*			4*			67			72*			31		
2	8*		11*			510			72*			54			-*			8*			29			87*			46			-*			6*			71			82*			35		
3	13	3	24	18	480	89	87	54	38*		18*		29	92*		49	7	5	4	3	73	85	81	41																				
4	28	4	45	27	447	92	83	52	49	6	21	11	38	94	93	61	15	7	35	25	68	89	88	46																				
5	36	7	55	39	464	90	87	54	67	11	35	23	44	95	94	75	26	11	48	57	63	90	90	53																				
6	50	14	82	63	467	91	88	55	85	21	54	64	62	95	95	79	45	38	64	69	63	90	89	60																				
7	58	19	105	93	460	91	89	55	96	23	55	83	64	95	96	82	59	51	73	69	68	91	89	64																				

*- embryonic axis (in pea and cucumber) or whole embryo (wheat), **- the central root of primary seminal roots