

Table S1. Contents of 5 flavonoid constituents in wheat seeds during seed maturation

Cultivar	DAF	Dry weight (mg/seed)	Compound (pmol/seed)														
			DHQ		DHM		(+) -catechin		PCB3		PDB3						
Norin 61	5	2.8	2	>		2	>		3	±	1	0.2	>		0.2	>	
	7	4.1	36	±	2	4	±	1	56	±	2	0.2	>		0.2	>	
	10	7.1	375	±	20	226	±	17	646	±	24	5.2	±	1.2	2.3	±	0.7
	12	9.5	317	±	9	343	±	10	529	±	65	44.3	±	18.2	31.4	±	14.1
	15	14.8	136	±	7	273	±	30	537	±	119	23.4	±	15.0	35.1	±	20.1
	20	22.4	7	±	1	42	±	3	228	±	10	1.1	±	0.7	2.9	±	2.0
	25	34.0	2	>		6	±	1	97	±	20	0.2	>		0.2	>	
	30	41.2	2	>		2	>		30	±	3	0.2	>		0.2	>	
	35	43.1	2	>		2	>		15	±	2	0.2	>		0.2	>	
	40	43.4	2	>		2	>		5	±	1	0.2	>		0.2	>	
Satonosora	5	3.2	2	>		2	>		5	±	0	0.2	>		0.2	>	
	7	4.7	69	±	9	6	±	3	116	±	41	0.5	±	0.2	0.2	>	
	10	7.2	360	±	41	116	±	22	525	±	122	15.2	±	6.8	3.0	±	0.9
	12	9.1	277	±	8	203	±	18	586	±	83	18.2	±	7.0	6.4	±	2.4
	15	13.0	195	±	12	329	±	1	522	±	36	10.2	±	3.0	13.5	±	3.3
	20	22.9	15	±	0	47	±	2	201	±	7	1.6	±	0.1	3.1	±	0.2
	25	31.8	2	>		4	±	0	112	±	10	0.2	>		0.2	>	
	30	40.3	2	>		2	>		33	±	2	0.2	>		0.2	>	
	35	45.2	2	>		2	>		12	±	1	0.2	>		0.2	>	
	40	45.2	2	>		2	>		4	±	1	0.2	>		0.2	>	
Tamaizumi	5	3.2	2	>		2	>		2	>		0.2	>		0.2	>	
	7	5.0	2	>		2	>		2	>		0.2	>		0.2	>	
	10	7.5	2	>		2	>		2	>		0.2	>		0.2	>	
	12	10.5	2	>		2	>		2	>		0.2	>		0.2	>	
	15	14.1	6	±	0	2	>		3	±	0	0.2	>		0.2	>	
	20	26.6	2	>		2	>		2	>		0.2	>		0.2	>	
	25	37.1	2	>		2	>		2	>		0.2	>		0.2	>	
	30	47.4	3	±	0	2	>		2	>		0.2	>		0.2	>	
	35	50.7	2	>		2	>		2	>		0.2	>		0.2	>	
	40	51.0	2	>		2	>		2	>		0.2	>		0.2	>	

Contents are expressed as mean ± standard deviation (n = 3)