

Table S2. Phenotypic analysis of Stage 1 ovules in F3 individuals segregating for *ago4-6*

Plant	<i>AGO4</i>					<i>ago4-6/+</i>					<i>ago4-6</i>				
	Class I	Class II	Class III	Class II + III	n	Class I	Class II	Class III	Class II + III	n	Class I	Class II	Class III	Class II + III	n
1	86.86	13.13	0	13.13	137	64.94	29.31	5.74	35.05	174	70.52	24.21	5.26	29.47	95
2	89.36	10.63	0	10.63	94	73.68	21.05	5.26	26.31	95	70.31	25	4.68	29.68	64
3	84.61	14.52	0.85	15.38	117	64.63	28.04	7.31	35.36	82	66.26	30.12	3.61	33.73	83
4	87.5	11.25	1.25	12.5	80	71.42	27.55	1.02	28.57	98	61.24	25.58	13.17	38.75	129
5	91.66	7.14	1.19	8.33	84	68.8	29.35	1.83	31.19	109	63.95	29.06	6.97	37.34	86
6	86.15	13.84	0	13.84	65	67.88	29.35	2.75	32.11	109	66.32	27.55	6.12	33.67	98
7	85.71	14.28	0	14.28	63	68.21	27.81	3.97	31.78	151	66.18	26.61	7.19	33.81	139
8	91.01	7.86	0	7.86	89	69.81	30.18	0	30.18	106	73.21	25.89	0.89	26.78	112
9	74.54	10.9	1.81	12.72	96	61.44	36.14	2.4	38.55	83	69.79	27.08	3.12	30.2	96
10	84.68	15.31	0	15.31	111	65.38	34.71	0	34.71	78	67.74	30.64	1.61	32.25	62
11	87.3	12.69	0	12.69	63	-	-	-	-	-	-	-	-	-	-
X	86.3	11.95	0.46	12.42	999	67.61	29.34	3.02	32.38	1085	67.55	27.17	5.26	32.56	964
SE	1.37	0.8	0.2	0.76		1.14	1.29	0.78	1.14		1.11	0.68	1.1	1.16	

Class I: ovules with a single MMC, **Class II:** ovules with two MMC-like cells, **Class III:** ovules with more than two MMC-like cells. **n:** total of ovules analyzed. Values are given as a percentage.