

Table S4. Distribution of 18-carbon unsaturated fatty acids in seeds of *Brassica napus* lines with mutations in *FAD2* genes grown in the field.

Genotype	Percentage of total fatty acids		
	18:1	18:2	18:3
Wild type	61.0	20.7	8.8
<i>c5/c1</i>	69.2	13.3	8.0
<i>a5-1/c5</i>	82.5	3.8	4.1
<i>a5-1/c1</i>	72.4	10.7	7.2
<i>a5-1/c5/c1</i>	83.0	3.6	3.9
<i>a5-2/c5</i>	81.7	3.7	5.0
<i>a5-2/c1</i>	72.7	10.5	7.6
<i>a5-2/c5/c1</i>	81.1	4.6	4.6
<i>a5-3/c5</i>	73.6	9.7	7.6
<i>a5-3/c1</i>	72.9	10.2	7.8
<i>a5-3/c5/c1</i>	76.0	7.9	7.0