

Table S1 The phenotypic characteristics of selected *B. napus* lines and cultivars compared with the results of the CAPS marker analysis for these plants. HOR3 and HOR4 type mutated alleles are named “HOR3” and “HOR4”, respectively, and the wild-type alleles with no HOR3 and HOR4 type mutations are named “Wild”

Lines or cultivars	Seed yield (dt/ha)	Oil content (%)	Total of glucosinolates ($\mu\text{mol/g}$)	Fatty acid (%)			<i>BnaA.FAD2</i> ¹ alleles (using CAPS marker)
				Oleic C18:1	Linoleic C18:2	Linolenic C18:3	
M681 type LL mutant line	12.0	46.6	10.7	61.0	27.5	2.7	Wild/Wild
HOR3-M10453 type HO mutant line	24.7	48.4	12.2	76.1	8.7	7.2	HOR3/HOR3
HOR4-M10464 type HO mutant line	18.6	47.7	8.7	76.6	8.8	7.4	HOR4/HOR4
PN-837 type HOLL F ₉ recombinant line	14.2	43.9	13.0	76.1	12.3	2.4	HOR4/HOR4
PN-880 type HOLL F ₅ recombinant line	32.0	44.6	12.7	78.3	11.2	3.2	Wild/Wild
‘Monolit’ cultivar	31.1	45.6	11.9	63.3	19.5	9.0	Wild/Wild

¹Gene nomenclature follows the rules proposed by Østergaard and King [12].

Molecular Biology Reports

Cleaved amplified polymorphic sequences (CAPS) marker for identification of two mutant alleles of the rapeseed *BnaA.FAD2* gene
 Marcin Matuszczak, Stanisław Spasibonek, Katarzyna Gacek, Iwona Bartkowiak-Broda

Corresponding author: Marcin Matuszczak
 Plant Breeding and Acclimatization Institute, National Research Institute, Research Division in Poznań, Poland
 E-mail: marmat@nico.i.har.poznan.pl