

512 **Supplementary Table S1.** Analyzed nutrient composition of 12 samples of rapeseed meal collected in the experiment (% , DM basis)¹⁾

Item ²⁾	EP-RSM ³⁾						SE-RSM ³⁾					
	1	2	3	4	5	6	7	8	9	10	11	12
DM, %	92.20	91.92	93.53	91.65	92.58	92.55	89.20	90.60	89.71	91.48	89.90	90.82
GE, MJ/kg	21.26	20.94	21.35	20.56	20.85	21.06	19.47	19.37	19.59	19.47	19.60	19.37
CP, %	43.72	39.76	37.70	39.75	39.41	42.35	41.50	39.44	41.82	39.92	41.03	41.83
Ether extract, %	7.32	8.40	11.27	6.55	9.10	8.08	0.87	1.67	0.97	2.58	1.71	1.68
NDF, %	51.15	32.85	41.00	32.34	41.45	41.54	33.11	32.70	34.26	37.27	30.84	39.83
ADF, %	25.49	21.66	24.18	21.75	21.19	21.26	20.82	19.93	21.55	21.50	20.04	24.79
Crude fiber, %	21.26	16.74	19.18	15.04	17.20	14.87	14.28	13.27	14.61	13.58	14.23	17.86
Ash, %	6.68	6.67	7.49	6.94	7.39	6.69	7.09	8.37	6.82	8.24	7.22	9.14

513 ¹⁾All samples were analyzed in duplicate.

514 ²⁾DM, dry matter; GE, gross energy; CP, crude protein, NDF, neutral dietary fiber; ADF, acid dietary fiber.

515 ³⁾EP-RSM, expeller-pressed rapeseed meal; SE-RSM, solvent-extracted rapeseed meal; number 3 and 4 of EP-RSM and number 10, 11, and 12 of SE-RSM were chosen to
 516 measure the NE in the current experiment.

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518 **Supplementary Table S2.** Analyzed nutrient composition of 3 samples of rapeseed meal reported by
 519 Liu et al (2015) and Li et al (2017) (DM basis)¹⁾

Item	EP-RSM	SE-RSM	
		1	2
Gross energy, MJ/kg	21.33	19.54	19.66
Crude protein, %	39.2	42.4	39.67
Starch, %	3.7	2.8	6.5
Ether extract, %	9.5	1.1	1.9
Neutral dietary fiber, %	37.0	30.8	26.7
Acid dietary fiber, %	22.8	20.7	17.2
Ash, %	6.4	7.0	6.9
DE, MJ/kg	16.55	12.82	13.22
ME, MJ/kg	15.71	11.61	11.64
NE, MJ/kg	11.71	8.83	8.38

520 ¹⁾The EP-RSM and SE-RSM 1 were reported by Li et al (2017). The SE-RSM 2 was reported by Liu et
 521 al (2015). EP-RSM, expeller-pressed rapeseed meal; SE-RSM, solvent-extracted rapeseed meal; DE,
 522 digestible energy; DM, dry matter; ME, metabolizable energy; NE, net energy.

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