Table S1. Effect of the diet treatment on goat milk fatty acid (FA) profile and FA groups (g/100 g FAME)

FA / Groups of FA	DIET		SEM	P-value
	CTR	BGP		
C4:0	1.13	1.17	0.13	0.839
C6:0	1.77	1.71	0.14	0.790
C8:0	2.42	2.34	0.12	0.659
C10:0	9.11	8.56	0.28	0.091
C11:0	0.29	0.22	0.01	0.017
C12:0	4.23	3.70	0.12	0.033
C14:0	8.88	8.85	0.29	0.462
C14:1 *cis*9	0.17	0.13	0.02	0.102
iso C15:0	0.18	0.15	0.01	0.044
anteiso C15:0	0.29	0.24	0.01	0.028
C15:0	0.87	0.74	0.02	0.005
iso C16:0	0.30	0.25	0.01	0.009
C16:0	28.6	26.8	1.94	0.535
C16:1 *cis*7	0.24	0.21	0.01	0.149
C16:1 *cis*9	0.84	0.61	0.06	0.068
iso C17:0	0.40	0.34	0.01	0.031
anteiso C17:0	0.36	0.30	0.01	0.025
C17:0	0.77	0.65	0.04	0.109
C18:0	6.92	9.53	0.73	0.065
C18:1 *trans*6-8	0.38	0.50	0.04	0.102
C18:1 *trans*9	0.31	0.44	0.04	0.081
C18:1 *trans*10	1.88	1.98	0.12	0.905
C18:1 *trans*11	2.33	3.26	0.09	0.002
C18:1 *trans*12	0.50	0.62	0.04	0.087
C18:1 *trans*13	0.42	0.38	0.07	0.751
C18:1 *trans*13-14	0.42	0.38	0.07	0.751
C18:1 *cis*9	16.4	17.0	1.44	0.773
C18:1 *cis*11	0.79	0.66	0.06	0.176
C18:1 *cis*12	0.39	0.43	0.02	0.207
C18:1 *cis*14 + *trans*16	0.11	0.13	0.01	0.087
C18:2 n-6	3.67	3.55	0.40	0.842
CLA *cis*9 *trans*11	1.22	1.53	0.10	0.078
Σ CLA isomers	1.43	1.70	0.09	0.054
C18:3 n-6	0.03	0.03	0.01	0.406
C18:3 n-3	0.32	0.23	0.02	0.024
C20:2 n-6	0.05	0.05	0.01	0.270
C20:4 n-6	0.19	0.18	0.02	0.712
SFA	67.3	65.8	2.77	0.719
MUFA	26.0	27.6	2.18	0.631
PUFA	6.7	6.6	0.59	0.922
PUFA n-6	4.21	4.08	0.44	0.847
PUFA n-3	0.36	0.25	0.02	0.009
n-6/n-3	11.5	16.2	0.77	0.012
SCFA	14.7	14.0	0.34	0.182

MCFA	47.4	43.8	2.24	0.316
LCFA	37.8	42.3	1.93	0.182

CTR, control, BGP, black grape pomace, SEM standard error of the mean. For FA acronymous see list of abbreviations on the main manuscript