

**Table S2.** IgG concentration (g/l) in sheep and lamb's blood serum and colostrum during the whole sampling period. Data are expressed as mean  $\pm$  SD among the time (A = at birth, B = 24h after birth, C = 48h after birth, D = 10 days after birth).

Sample	Group (n = 8) <sup>1</sup>	Sampling time			
		A	B	C	D
Sheep	CTR	16.5 $\pm$ 3.2	18.1 $\pm$ 4.4	17.1 $\pm$ 3.5	n.d.
	HZN	16.0 $\pm$ 1.6	16.4 $\pm$ 1.7	15.9 $\pm$ 2.1	n.d.
Colostrum	CTR	60.4 $\pm$ 10.7	19.1 $\pm$ 10.4	6.6 $\pm$ 4.4	n.d.
	HZN	93.7 $\pm$ 35.9	27.6 $\pm$ 13.6	4.8 $\pm$ 2.4	n.d.
Lambs	CTR	5.2 $\pm$ 1.5	22.8 $\pm$ 6.9	18.2 $\pm$ 6.0	14.7 $\pm$ 3.8
	HZN	4.0 $\pm$ 1.2	27.3 $\pm$ 3.0	22.7 $\pm$ 3.6	17.0 $\pm$ 3.2

\* CTR = control group; HZN = hazelnut skin group; A = at birth; B = 24h after birth; C = 48h after birth; D = 10 days after birth; n.d. = not determined

<sup>1</sup> Total number of samples for sheep and colostrum equal to 48 (8 ewes  $\times$  2 groups  $\times$  3 sampling dates); total number of samples for lambs equal to 64 (8 lambs  $\times$  2 groups  $\times$  4 sampling dates).