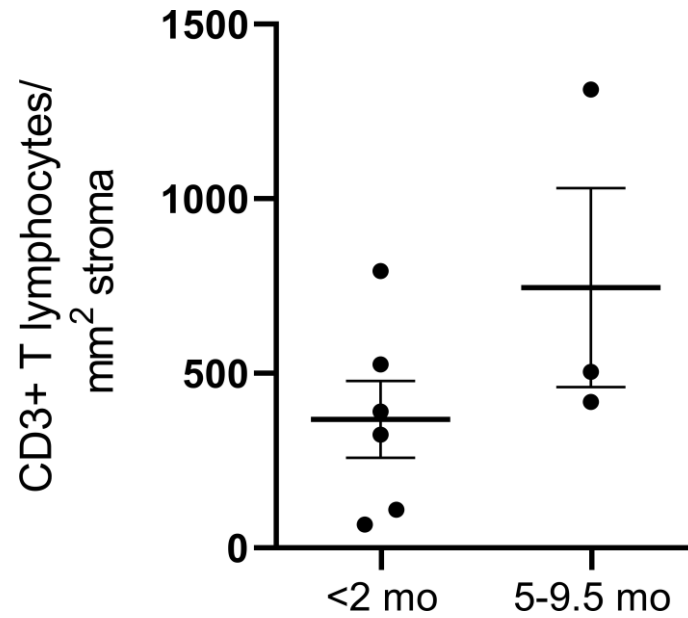
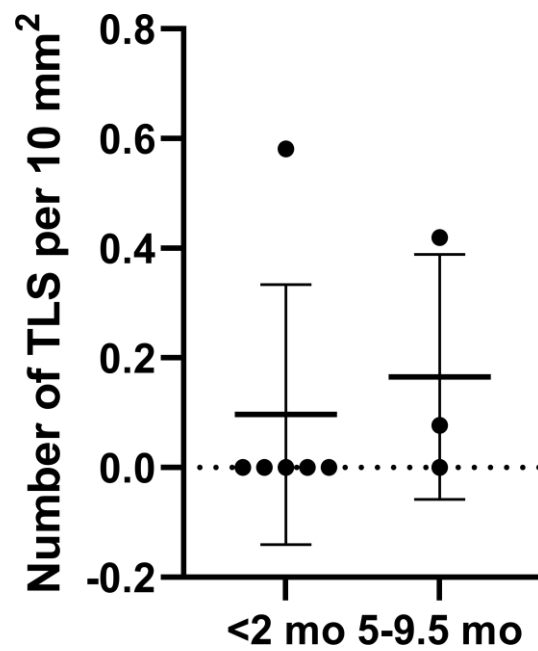


## Developing ovine mammary terminal duct lobular units have a dynamic mucosal and stromal immune microenvironment

### Supplementary information



**Supplementary Figure 1. The overall abundance of stromal T lymphocytes is similar in younger and older lambs.** Scatter plot demonstrating distributions of stromal T lymphocytes in lambs less than two months old (< 2 mo) and aged 5-9.5 months (5-9.5 mo). Dots represent CD3+ lymphocyte densities from individual lambs. Bars represent mean +/- standard deviation.



**Supplementary Figure 2. The density of tertiary lymphoid structures (TLS) does not differ significantly between neonatal and older lambs.** Scatter plot demonstrating density of TLS in lambs less than two months old (< 2 mo) and aged 5-9.5 months (5-9.5 mo). Dots represent individual lambs. Bars represent mean +/- standard deviation.

**Supplementary Table 1. Data for individual sheep used in the study.**  
do, days old; wo, weeks old; mo, months old; SUP, supplementary figure.

Case number	Source	Age	Breed	UK meteorological season died/ euthanased	Figures for which used
1	Diagnostic PM	1 do	Lleyn cross	Winter	2; 4
2	Diagnostic PM	2 do	Lleyn cross	Winter	1; 4; 5; SUP1; SUP2
3	Diagnostic PM	1 do	Lleyn cross	Winter	1; 4
4	Diagnostic PM	1 do	Lleyn cross	Winter	1; 2; 4; 5; SUP1; SUP2
5	Diagnostic PM	1 do	Lleyn cross	Winter	2; 4
6	Diagnostic PM	2 wo	Lleyn cross	Winter	4
7	Diagnostic PM	2 wo	Lleyn cross	Winter	2; 4
8	Diagnostic PM	1 do	Lleyn cross	Winter	2; 3
9	Diagnostic PM	1 do	Lleyn cross	Winter	2
10	Diagnostic PM	1 do	Lleyn cross	Winter	2; 5; SUP1; SUP2
11	Diagnostic PM	1 do	Mule cross	Winter	5; SUP1; SUP2
12	Diagnostic PM	1 mo	Suffolk cross	Spring	2
13	Diagnostic PM	2 mo	Suffolk cross	Summer	2; 4
14	Diagnostic PM	2 mo	Lleyn	Spring	1; 4; 5; SUP1; SUP2
15	Diagnostic PM	1 do	Mule cross	Winter	2; 5; SUP1; SUP2
16	Diagnostic PM	7 mo	Not recorded	Autumn	2; 3; 4; 5; SUP1; SUP2
17	Diagnostic PM	5 mo	Texel cross	Summer	1; 2; 3; 4; 5; SUP1; SUP2
18	Diagnostic PM	6 mo	Lleyn	Summer	4
19	Diagnostic PM	6 mo	Lleyn	Summer	4
20	Research	8 mo	Welsh mountain	Winter	2; 4; 5; SUP1; SUP2
21	Research	9.5 mo	Welsh mountain	Spring	2
22	Research	9.5 mo	Welsh mountain	Winter	2
23	Research	11 mo	Welsh mountain	Winter	4
24	Research	12 mo	Welsh mountain	Summer	4
25	Research	11 mo	Welsh mountain	Summer	4; 5