Supplementary Information



Figure S1. Location of the five sheep flocks selected for the study on the map of the Mari El Republic (marked and numbered with red): **1** - Chlamydia Mari El 21-1 (Volzhsk district), **2** - Chlamydia Mari El 21-2 (Sernur district); **3** - Chlamydia Mari El 21-3 (Sovetsky district), **4** - Chlamydia Mari El 21-4 (Orshanka district); **5** - Chlamydia VNITIBP-21 (Medvedevo district).

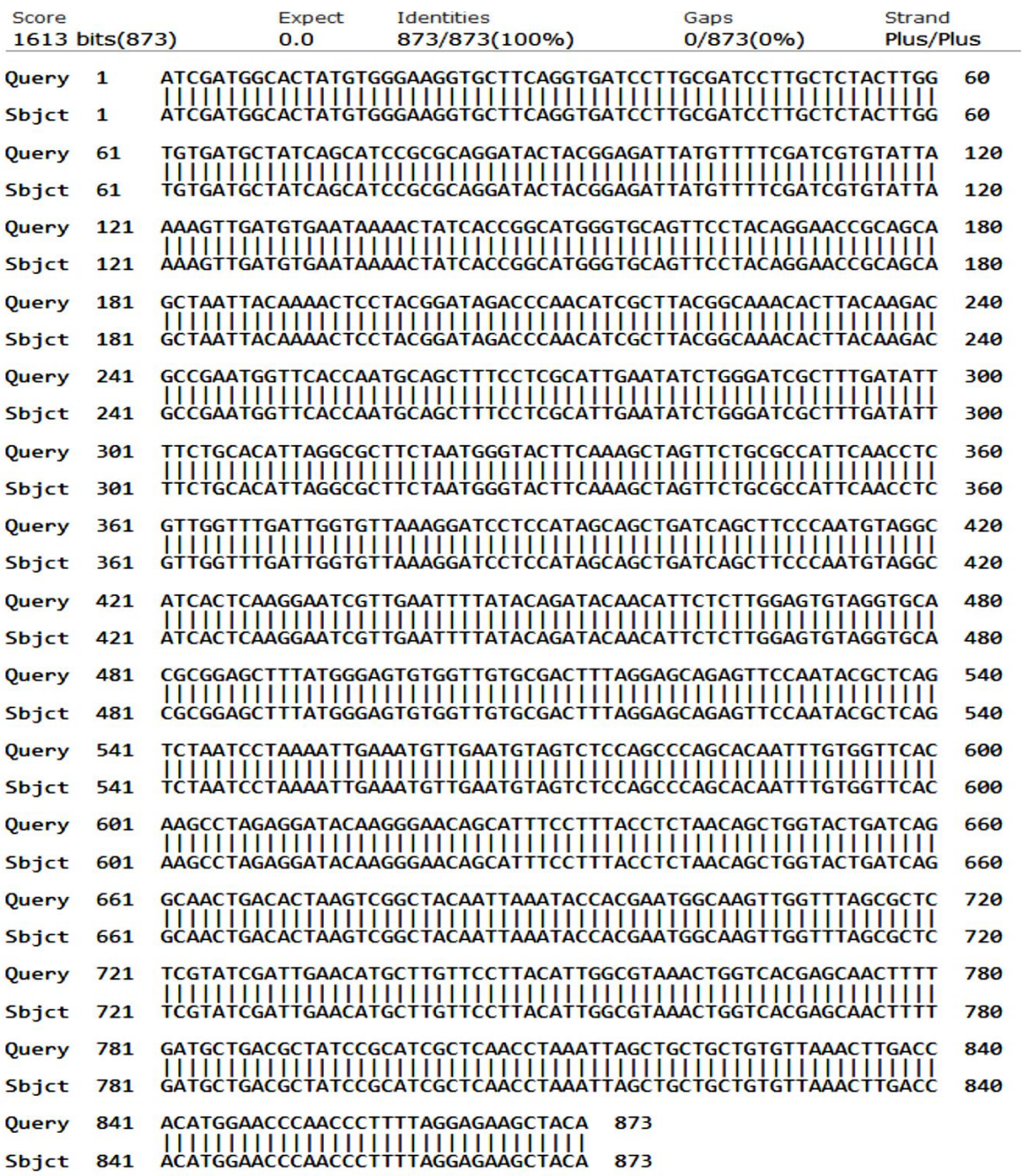


Figure S2. Comparison of nucleotide sequences of Chlamydia VNTIBP-21 of 20th (McCoy cell culture) and 2nd (yolk sac) passages