## 1 Supplementary Table 1. MIC of *M. haemolytica* A2.

## 2 A)

	10 <sup>6</sup> CFU	Ct	7.5 µM	11.5 μΜ	15.5 μΜ	19.5 µM	23.5 µM
O.D.	0.024+/-0.005	0.461+/-0.016	0.433+/-0.033	0.076+/-0.014	0.029+/-0.007	0.021+/-0.012	0.007+/-0.010
3							

## 4 **B**)

	10 <sup>6</sup> CFU	Ct	7.5 µM	11.5 μΜ	15.5 μΜ	19.5 µM	23.5 µM
O.D.	0.023+/-0.005	0.158+/-0.015	0.170+/-0.013	0.112+/-0.008	0.033+/-0.014	0.027+/-0.010	0.012+/-0.013

5

6 **OD**<sub>595</sub> values for MIC was obtained by the microdilution technique in broth. Cultures were

7 carried out in agitation (200 RPM) (A) or static conditions (B) at 37 °C/24 h. The initial inoculum

8 corresponded to 10<sup>6</sup> CFU (O.D. of 0.02) of *M. haemolytica* A2. Ct, control sample without apo-BLf

9 treatment. The values are reported in O.D.595 nm. and are the average of six independent

- 10 experiments.
- 11
- 12
- \_ \_
- 13
- 14
- 15
- 16
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- 17

A)

## **Results for Job** Bovine lactoferrin

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Job Code:	91ff07154e7edf47e586bf029a3267da-46			
<b>Description:</b>	Bovine lactoferrin			



RETAEEVKAR YTRVVWCAVG PEEQKKCQQW SQQSGQNVTC ATASTTDDCI

VLVLKGEADA LNLDGGYIYT AGKCGLVPVL AENRKSSKHS SLDCVLRPTE

GYLAVAVVKK ANEGLTWNSL KDKKSCHTAV DRTAGWNIPM GLIVNQTGSC

AFDEFFSQSC APGADPKSRL CALCAGDDQG LDKCVPNSKE KYYGYTGAFR

CLAEDVGDVA FVKNDTVWEN TNGESTADWA KNLNREDFRL LCLDGTRKPV 620 630 640

TEAQSCHLAV APNHAVVSRS DRAAHVKQVL LHQQALFGKN GKNCPDKFCL

FKSETKNLLF NDNTECLAKL GGRPTYEEYL GTEYVTAIAN LKKCSTSPLL



Supplementary Figure 2. SDS-PAGE of outer membrane vesicles (OMVs) (A) and culture supernatants (CS) (B) proteins from *M. haemolytica* A2 cultured in the presence of apo-BLf. Ct, control sample without apo-BLf. Electrophoresis was performed at 10%. A result representative of three independent experiments is shown.