

**Table S4. Selection of proteins with different abundance in persistently MAP-infected cows after 48-h incubation with MAP *in vitro*.** (a) Protein names as listed in Ensembl Protein Database v.93 (<http://www.ensembl.org>). (b) Gene names of *Bos taurus* (cow) (c) Protein accession numbers as listed in Ensembl database for cows v.93. (d) Fold change in protein abundance differences in persistently MAP-infected cows compared to MAP-resistant (Up in persistently MAP-infected cows). Name of gene as listed in UniProtKB. (e) Statistical significance of differences in protein abundance determined by Student's t-test. Genes upregulated in persistently MAP-infected cows: *Bos taurus* potassium large conductance calcium-activated channel, subfamily M, alpha member 1 (KCNMA1) and *Bos taurus* integrin, alpha 2b (ITGA2B).

(a)	(b)	(c)	(d)	(e)
Protein name	Gene name	Accession number	Ratio	p-value
<b>Increase in persistently MAP-infected cows.</b>				
Bos taurus potassium channel with large conductance, calcium-activated, subfamily M, alpha member 1.	<i>KCNMA1</i>	ENSBTAP000017697	15.2	0.004
Bos taurus integrin, alpha 2b	<i>ITGA2B</i>	ENSBTAP000010741	2.2	0.047