

<i>Group/ Animal</i>	<i>C-R length (cm)</i>	<i>Estimated stage of gestation</i>	<i>Stillborn (y/n)</i>	<i>Spleen (log<sub>10</sub>/g)</i>	<i>Liver (log<sub>10</sub>/g)</i>	<i>Lung (log<sub>10</sub>/g)</i>	<i>Stomach contents (+/-)</i>
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***B.  
melitensis***  
***16MΔvjbR***  
**+ *QuilA***

A F1	10	62	n	0	0	0	-
F2	10.5	62	n	0	0	0	-
B F1	10.5	62	n	0	0	0	-
C F1	11.5	65	n	0	0	0	-
F2	11	65	n	0	0	0	-
F3	10.5	62	n	0	0	0	-
D F1	11	65	n	0	0	0	-
F2	10.5	62	n	0	0	0	-
F3	10	62	n	0	0	0	-
E F1	11	65	n	0	0	0	-
F2	10.5	62	n	0	0	0	-
F F1	11	65	n	0	0	0	-
F2	11	65	n	0	0	0	-
G F1	9	53	n	0	0	0	-
F2	9.2	53	n	0	0	0	-
F3	9	53	n	0	0	0	-
F4	9	53	n	0	0	0	-

***B. abortus***  
**S19**

A F1	11	65	n	0	0	0	-
B F1	9.5	60	n	0	0	0	-
F2	10	62	n	0	0	0	-
F3	10	62	n	0	0	0	-
C F1	10	62	n	0	0	0	-
F2	10	62	n	0	0	0	-
F3	10	62	n	0	0	0	-
F4	10	62	n	0	0	0	-
D F1	11	65	n	0	0	0	-
F2	11	65	n	0	0	0	-
F3	11	65	n	0	0	0	-
E F1	10.5	62	n	0	0	0	-
F2	9.8	62	n	0	0	0	-
F F1	10.5	62	n	0	0	0	-

F2	10	62	n	0	0	0	-
F3	10.5	62	n	0	0	0	-
G F1	11	65	n	0	0	0	-
<b>PBS+</b>							
<b>Quil-A</b>							
A F1	10.5	62	n	0	0	0	-
F2	10	62	n	0	0	0	-
F3	10.5	62	n	0	0	0	-
B F1	10	64	n	0	0	0	-
F2	10	64	n	0	0	0	-
F3	10	64	y	0	0	0	-
C F1	10	64	n	2.35	0	0	+
F2	10.5	64	n	4.82	2.50	4.92	-
F3	9	53	y	0	0	3.06	-
F4	9	53	y	2.04	0	0	+
F5	9	64	y	0	0	2.35	+
D F1	9.7	64	n	0	0	0	-
F2	10	64	n	0	0	0	-
F3	10.3	64	n	0	0	0	-
E F1	8	51	y	1.89	0	1.74	+
F2	8	51	y	2.25	0	1.24	-

**Table S2.** Crown to rump length, estimated stage of gestation, fetal viability, and colonization of fetuses from vaccinated pregnant guinea pigs challenged with  $1 \times 10^7$  CFU *B. melitensis* IT. C-R length was measured from the base of the skull to the point of the hip in cm and compared to established values for C-R length in fetal guinea pigs. Fetal viability reported as stillborn: yes (y) or no (n). Fetal spleen, liver, lung, and stomach contents were cultured on Farrell's media and results are reported as  $\log_{10}/g$ . Results of culture of stomach contents reported as growth (+) or no growth (-).