Table S10. Expected *Brucella* species signatures

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| --- | --- | --- | --- | --- |
| **Organism** | **Source** | **BCT\_1111** | **BCT\_1112** |   |
| *Brucella abortus* | gi|189018840 | A29 G37 C23 T15 | A23 G37 C27 T14 | GenBank Data |
| *Brucella abortus* | gi|189023268 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella abortus* | gi|62195123 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella abortus* | gi|62288991 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella abortus* | gi|82615033 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella abortus* | gi|82698932 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella canis* | gi|161334802 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella canis* | gi|161617991 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella melitensis* | gi|17986242 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella melitensis* | gi|17986284 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella melitensis* | gi|225639911 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella melitensis* | gi|225851546 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella melitensis* | gi|82698932 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella microti* | gi|255998623 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella microti* | gi|256368465 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella ovis* | gi|148370077 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella ovis* | gi|148558820 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella suis* | gi|163673000 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella suis* | gi|163842277 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella suis* | gi|23500916 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella suis* | gi|54112365 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella suis* | gi|56968325 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella abortus* | BRUC012-AFIP01 | A29 G37 C23 T15 | A23 G37 C27 T14 | USAMRIID Samples |
| *Brucella canis* | BRUC014-AFIP01 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella maris* | BRUC015-AFIP01 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella melitensis* | BRUC013-AFIP01 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella neotomae* | BRUC017-AFIP01 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella ovis* | BRUC018-AFIP01 | A29 G37 C23 T15 | A23 G37 C27 T14 |
| *Brucella suis* | BRUC016-AFIP01 | A29 G37 C23 T15 | A23 G37 C27 T14 |