

Additional file.

Figure S2. Pairwise sequence alignment of the partial 16S rRNA gene for the human granulocytic anaplasmosis agent (GenBank U025211) and the 487-bp sequence obtained in this study (OR623250). Identical nucleotides are marked with an asterisk and single-nucleotide positions are indicated in grey. Bold-letter indicates nucleotide difference compared to the reference genome.

U02521.1	TCTTGGCTCAGAACGAACGCTGGCGGCAAGCTTAACACATGCAAGTCGAACGGATTATTC	60
OR623250	-----	0
U02521.1	TTTATAGCTTGCTAT A AAGAATAGTTAGTGGCAGACGGGTGAGTAATGCATAGGAATCTA	120
OR623250	-TTATAGCTTGCTAT G AAGAATAATTAGTGGCAGACGGGTGAGTAATGCATAGGAATCTA	59

U02521.1	CCTAGTAGTATGGGATAGCCACTAGAAATGGTGGGTAATACTGTATAAT CCCTGC GGGGG	180
OR623250	CCTAGTAGTATGGGATAGCCACTAGAAATGGTGGGTAATACTGTATAAT CCCTGA GGGGG	119

U02521.1	AAAGATTTATCGCTATTAGATGAGCCTATGTTAGATTAGCTAGTTGGTAGGGTAAAGGCC	240
OR623250	AAAGATTTATCGCTATTAGATGAGCCTATGTTAGATTAGCTAGTTGGTAGGGTAAAGGCC	179

U02521.1	TACCAAGGCGATGATCTATAGCTGGTCTGAGAGGATGATCAGCCACACTGGAAGTGAAT	300
OR623250	TACCAAGGCGATGATCTATAGCTGGCCTGAGAGGATGATCAGCCACACTGGAAGTGAAT	239

U02521.1	ACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGCAAGCCTG	360
OR623250	ACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGCAAGCCTG	299

U02521.1	ATCCAGCTATGCCG GT GAGTGAGGAAGGCCTTAGGGTTGTAA AA CTTTTCAGTAGGGA	420
OR623250	ATCCAGCTATGCCG GT GAGTGAGGAAGGCCTTAGGGTTGTAA AA CTTTTCAGTAGGGA	359

U02521.1	AGATAATGACGGTACCTACAGAAGAAGTCCCGGCAAACTCCGTGCCAGCAGCCGCGGTAA	480
OR623250	AGATAATGACGGTACCTACAGAAGAAGTCCCGGCAAACTCCGTGCCAGCAGCCGCGGTAA	419

U02521.1	TACGGAGGGGGCAAGCGTTGTTTCGGAATTATTGGGCGTAAAGGGCATGTAGGCGGTTTCGG	540
OR623250	TACGGAGGGGGCAAGCGTTGTTTCGGAATTATTGGGCGTAAAGGGCATGTAGGCGGTTTCGG	479

U02521.1	TAAGTTAAAGGTGAAATGCCAGGGCTTAACCTGGAGCTGCTTTTAATACTGCCAGACTA	600
OR623250	TAAGTTAA-----	487
