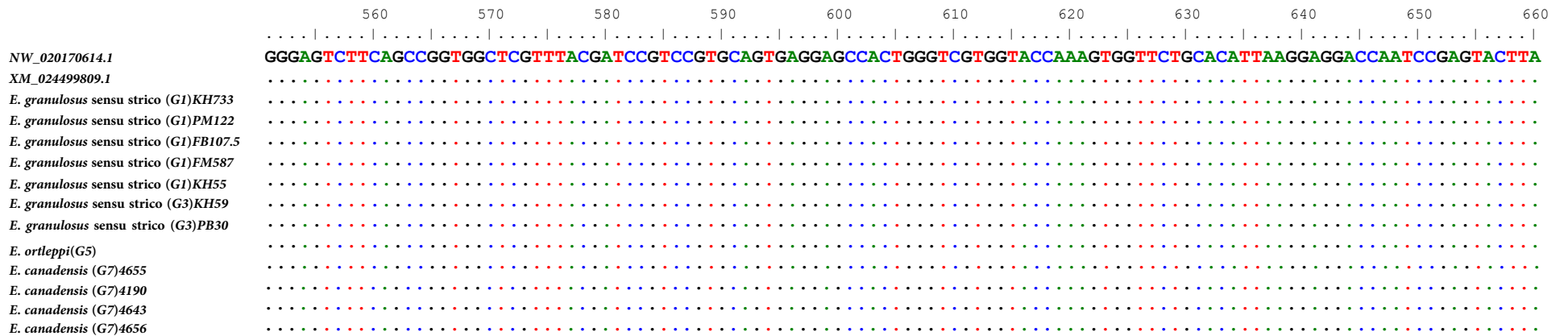
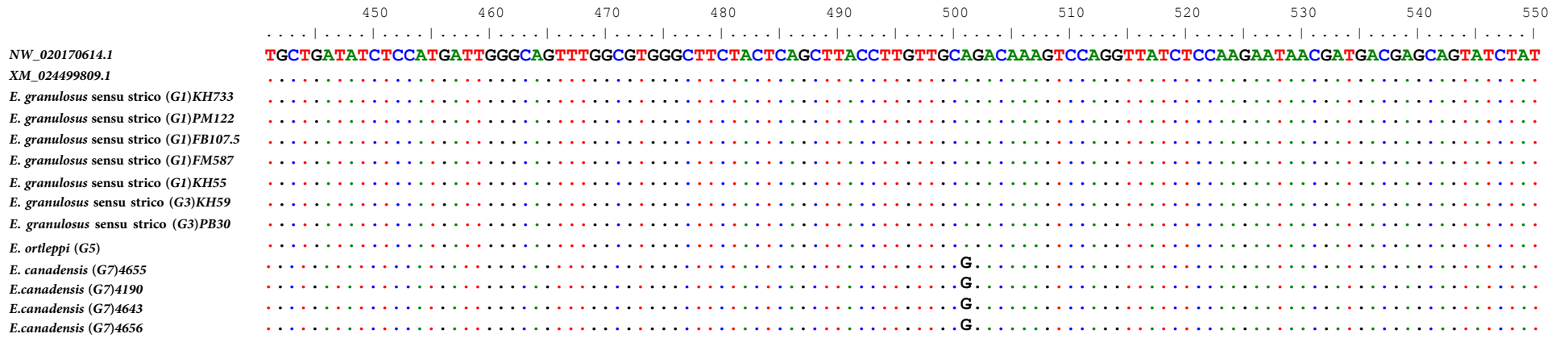
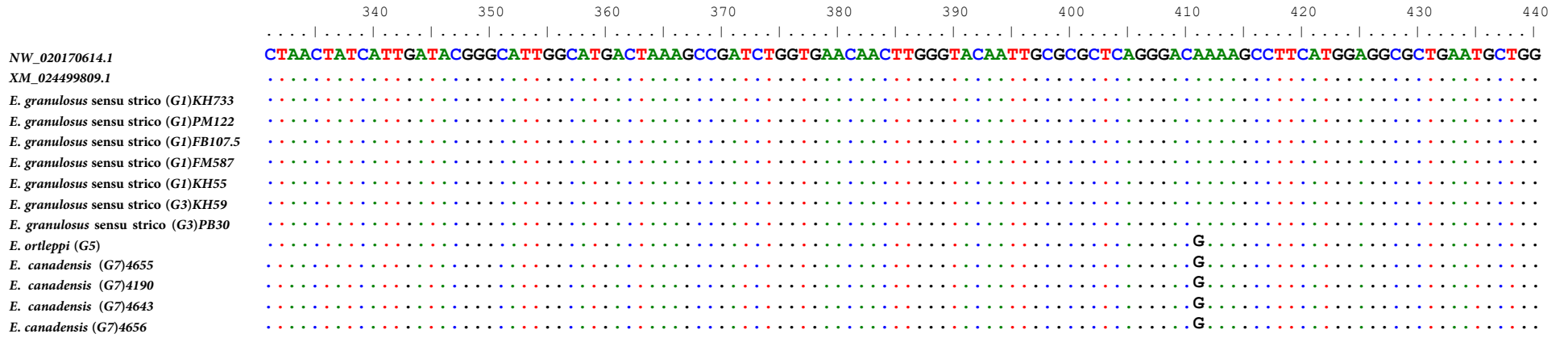




	670	680	690	700	710	720	730	740	750	760	770
NW_020170614.1	GAGGAGCGTCGCATTAAGGAGGTCATCAAGAAACACTCCCAATTTCATCAGCTACCCATATCAAGCTGTTTGTGGAGAAAGAGCGAACCAGGAGGTTTCGGATGATGAGGA										
XM_024499809.1	.....										
<i>E. granulosus</i> sensu stricto (G1)KH733	.....										
<i>E. granulosus</i> sensu stricto (G1)PM122	.....										
<i>E. granulosus</i> sensu stricto (G1)FB107.5	.....										
<i>E. granulosus</i> sensu stricto (G1)FM587	.....										
<i>E. granulosus</i> sensu stricto (G1)KH55	.....										
<i>E. granulosus</i> sensu stricto (G3)KH59	.....										
<i>E. granulosus</i> sensu stricto (G3)PB30	.....										
<i>E. orteppi</i> (G5)	T.....										
<i>E. canadensis</i> (G7)4655	.....										
<i>E. canadensis</i> (G7)4190	.....										
<i>E. canadensis</i> (G7)4643	.....										
<i>E. canadensis</i> (G7)4656	.....										

	780	790	800	810	820	830	840	850	860	870	880
NW_020170614.1	GGAGGAAGTCAAGGAGGAGGAGAAAGCTGACGCGGAGAAACCTGACGTAGAGAAGCCGGAGGTGGAGGATCTCGATGAAGAGGAATCAGAGGAGGAAGGTGGTGAAGGAA										
XM_024499809.1	.....										
<i>E. granulosus</i> sensu stricto (G1)KH733	.....										
<i>E. granulosus</i> sensu stricto (G1)PM122	.....										
<i>E. granulosus</i> sensu stricto (G1)FB107.5	.....										
<i>E. granulosus</i> sensu stricto (G1)FM587	.....										
<i>E. granulosus</i> sensu stricto (G1)KH55	.....										
<i>E. granulosus</i> sensu stricto (G3)KH59	.....										
<i>E. granulosus</i> sensu stricto (G3)PB30	.....										
<i>E. orteppi</i> (G5)	A.....T.....A.....										
<i>E. canadensis</i> (G7) 4655	T.....A.....										
<i>E. canadensis</i> (G7) 4190	T.....A.....										
<i>E. canadensis</i> (G7) 4643	T.....A.....										
<i>E. canadensis</i> (G7) 4656	T.....A.....										

	890	900	910	920	930	940	950	960	970	980	990
NW_020170614.1	GTGGGGAGAAAAGTGAGAAGAAAAAGAAGAAGAAGCAAAATTAAGAGAAAGTACATTGATGAAGAAGAGTTGAATAAGACCAAACCTTTGTGGACGCGAAACCCCTGAA										
XM_024499809.1	.....										
<i>E. granulosus</i> sensu stricto (G1)KH733	.....										
<i>E. granulosus</i> sensu stricto (G1)PM122	.....										
<i>E. granulosus</i> sensu stricto (G1)FB107.5	.....										
<i>E. granulosus</i> sensu stricto (G1)FM587	.....										
<i>E. granulosus</i> sensu stricto (G1)KH55	.....										
<i>E. granulosus</i> sensu stricto (G3)KH59	.....										
<i>E. granulosus</i> sensu stricto (G3)PB30	.....										
<i>E. orteppi</i> (G5) _	.....										
<i>E. canadensis</i> (G7) 4655	.....										
<i>E. canadensis</i> (G7) 4190	.....										
<i>E. canadensis</i> (G7) 4643	.....										
<i>E. canadensis</i> (G7) 4656	.....										

1000 1010 1020 1030 1040 1050 1060 1070 1080 1090 1100
NW_020170614.1 GACATTAGTCAGGAAGAGTACGGGGAGTTCTATAAGTCGCTGAGCAATGATTGGGAGGACCATCTGGCCGTCAAACACTTCTCGATTGAGGGTCAGCTGGAGTTCCGCGC
XM_024499809.1
E. granulosus sensu strico (G1)KH733
E. granulosus sensu strico (G1)PM122
E. granulosus sensu strico (G1)FB107.5
E. granulosus sensu strico (G1)FM587
E. granulosus sensu strico (G1)KH55
E. granulosus sensu strico (G3)KH59
E. granulosus sensu strico (G3)PB30
E. orteppi(G5)
E. canadensis(G7)4655
E. canadensis(G7)4190
E. canadensis(G7)4643
E. canadensis(G7)4656

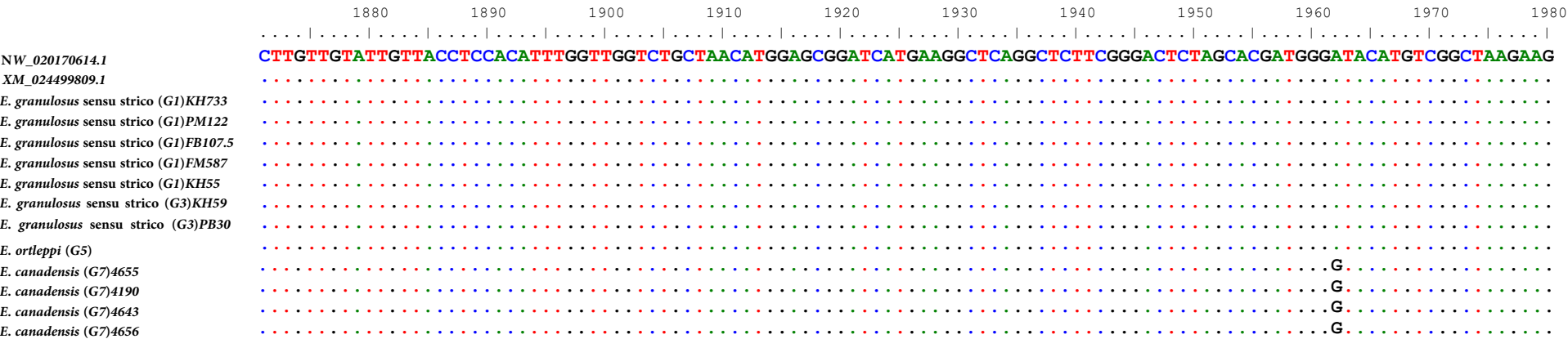
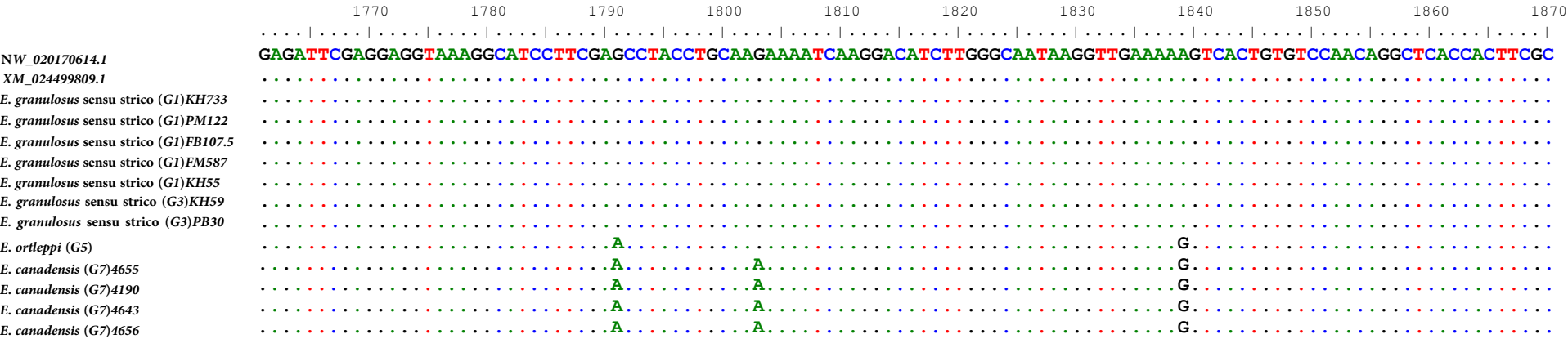
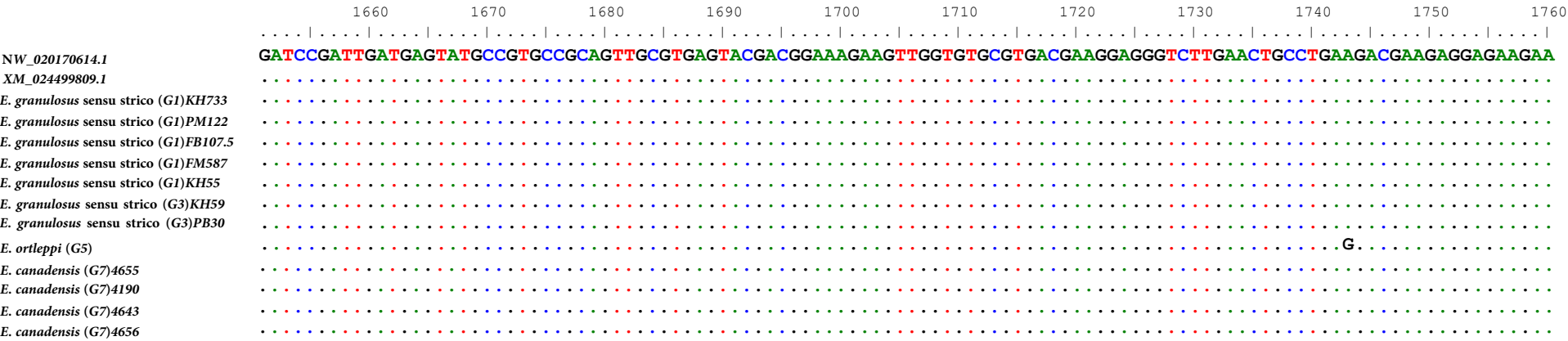
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NW_020170614.1 GTTGTTGTTTGTCCCAAGCGTGCTCCCTTCGACCTATTTGAGAACAGGAAGAAGCGTAATAACATCAAGCTTTATGTTAGACGCGTGTTTCATCATGGACAAC TGCGAAG
XM_024499809.1
E. granulosus sensu strico (G1)KH733
E. granulosus sensu strico (G1)PM122
E. granulosus sensu strico (G1)FB107.5
E. granulosus sensu strico (G1)FM587
E. granulosus sensu strico (G1)KH55
E. granulosus sensu strico (G3)KH59
E. granulosus sensu strico (G3)PB30
E. orteppi (G5)
E. canadensis (G7)4655
E. canadensis (G7)4190
E. canadensis (G7)4643
E. canadensis (G7)4656

1220 1230 1240 1250 1260 1270 1280 1290 1300 1310 1320
NW_020170614.1 ATCTCATTCCCGAGTACCTGAATTTTCATCAAGGGTGTCGTCGACTCTGAGGACCTACCCCTAAACATCAGCCGTGAGATGTTGCAGCAAAACAAGATTTTGAAGGTTATC
XM_024499809.1
E. granulosus sensu strico (G1)KH733
E. granulosus sensu strico (G1)PM122
E. granulosus sensu strico (G1)FB107.5
E. granulosus sensu strico (G1)FM587
E. granulosus sensu strico (G1)KH55
E. granulosus sensu strico (G3)KH59
E. granulosus sensu strico (G3)PB30
E. orteppi (G5)
E.canadensis (G7)4655
E.canadensis (G7)4190
E.canadensis (G7)4643
E.canadensis (G7)4656

	1330	1340	1350	1360	1370	1380	1390	1400	1410	1420	1430
NW_020170614.1	CGGAAGAACTTGGTTAAGAAGTGCATGGAGCTGTTTGAAGAATTAGCGGAGGACACGGAGACTTATAAGAAGTTCTATGAGCAGTTCTCAAAGAACATCAAGCTTGGCAT										
XM_024499809.1	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. granulosus</i> sensu stricto (G1)KH733	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. granulosus</i> sensu stricto (G1)PM122	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. granulosus</i> sensu stricto (G1)FB107.5	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. granulosus</i> sensu stricto (G1)FM587	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. granulosus</i> sensu stricto (G1)KH55	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. granulosus</i> sensu stricto (G3)KH59	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. granulosus</i> sensu stricto (G3)PB30	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. orteppi</i> (G5)	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....G.										
<i>E. canadensis</i> (G7)4655	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....G.										
<i>E. canadensis</i> (G7)4190	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....G.										
<i>E. canadensis</i> (G7)4643	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....G.										
<i>E. canadensis</i> (G7)4656	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....G.										

	1440	1450	1460	1470	1480	1490	1500	1510	1520	1530	1540
NW_020170614.1	TCATGAAGATAGTACGAACCGCAAAAAATTGGCTGAGTTGTTGCGCTACTATTCCCTCGCAAAGTGGTGACGAAATGACTAGTCTAAAAGATTACGTGTCTCGCATGAAGG										
XM_024499809.1	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. granulosus</i> sensu stricto (G1)KH733	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. granulosus</i> sensu stricto (G1)PM122	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. granulosus</i> sensu stricto (G1)FB107.5	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. granulosus</i> sensu stricto (G1)FM587	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. granulosus</i> sensu stricto (G1)KH55	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. granulosus</i> sensu stricto (G3)KH59	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. granulosus</i> sensu stricto (G3)PB30	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. orteppi</i> (G5)	.....|.....|.....|.....|.....|.....|.....C.....C.....G.										
<i>E. canadensis</i> (G7)4655	.....|.....|.....|.....|.....|.....|.....C.....C.....G.										
<i>E. canadensis</i> (G7)4190	.....|.....|.....|.....|.....|.....|.....C.....C.....G.										
<i>E. canadensis</i> (G7)4643	.....|.....|.....|.....|.....|.....|.....C.....C.....G.										
<i>E. canadensis</i> (G7)4656	.....|.....|.....|.....|.....|.....|.....C.....C.....G.										

	1550	1560	1570	1580	1590	1600	1610	1620	1630	1640	1650
NW_020170614.1	AGCACCAGAAGGACATATACTACATTACTGGTGAAAGCAAGGAGAGTCTTGCTAATTCTGCCTTTATTGAGGTACTGAAGAAGCGCGCCTTGAGGTACTTTACATGGTG										
XM_024499809.1	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. granulosus</i> sensu stricto (G1)KH733	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. granulosus</i> sensu stricto (G1)PM122	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. granulosus</i> sensu stricto (G1)FB107.5	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. granulosus</i> sensu stricto (G1)FM587	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. granulosus</i> sensu stricto (G1)KH55	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. granulosus</i> sensu stricto (G3)KH59	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. granulosus</i> sensu stricto (G3)PB30	.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|										
<i>E. orteppi</i> (G5)	.....|.....|.....|.....|.....|.....|.....C.....|.....|.....|										
<i>E. canadensis</i> (G7)4655	.....|.....|.....|.....|.....|.....|.....C.....|.....|.....|										
<i>E. canadensis</i> (G7)4190	.....|.....|.....|.....|.....|.....|.....C.....|.....|.....|										
<i>E. canadensis</i> (G7)4643	.....|.....|.....|.....|.....|.....|.....C.....|.....|.....|										
<i>E. canadensis</i> (G7)4656	.....|.....|.....|.....|.....|.....|.....C.....|.....|.....|										



Supplementary data S2: Multiple sequence alignment of the nuclear Hsp90 gene from various *E. granulosus* genotypes. This alignment compares isolates of *E. granulosus* s.s. (G1, G3), *E. ortleppi* (G5), and *E. canadensis* (G7) against the genomic reference sequence (NW_020170614.1) and the coding sequence (XM_024499809.1)