

Supplementary Fig 1. Marsupial and human BRCA1 exon 11 alignment

	846		895
Wombat	TCATTACTTCCTAAAACCAGCAGTTTATTGCCCAACACAGACAGAATGAA		
'Red_Kangaroo__GB_'	TCATTACTTCCTGAAACCACCAGCTTATCACCCAACACAGACCGAATGAA		
'Red_Kangaroo__CJR_'	TCATTACTTCCTGAAACCACCAGCTTATCGCCCAACACAGACCGAATGAA		
Walleroo	TCATTACTTCCTGAAACCACCAGCTTATCGCCCAACACAGACCGAATGAA		
Tree_kangaroo	TCATTACTTCCTGAAACCACCAGCTTATCGCCCAACACATTCCAAATGAA		
Echymipera	TCATTAATGCTTGAAACCAGCAGTTTATTGTCCAACATAGACAGAATGAC		
Phascogale	TCATTACTGCCTGAAACCTCCAGTTTATTGCCCAACACAGACAGAATGTC		
Shrew_Opossum	TCATTACTGCCTGAGATCACCAGTTTATTGCCCAACACAGACAGAATGAA		
Virginia_Opossum	TCATTACTGCCTGCATCACCAGTGTATTGCCTAACACAGACAGCATGAA		
Human	TCATTACAGCATGAGAACAGCAGTTTATTACTCACTAAAGACAGAATGAA		
	896		945
Wombat	TGTAGAAAAGGCTGAACTCTGCCATAAAAAACAAACAGCCTGCCTTAGGAA		
'Red_Kangaroo__GB_'	TGTAGAAAAGGCTGAACTCTGTAATAAAAAGCAAACAGCCAGGCTTAGCAA		
'Red_Kangaroo__CJR_'	TGTAGAAAAGGCTGAACTCTGTAATAAAAAGCAAACAGCCTGGCTTAGCAA		
Walleroo	TGTAGAAAAGGCTGAACTCTGTAATAAAAAGCAAACAGCCTGGCTTAGCAA		
Tree_kangaroo	TGTAGAAAAGGCTGAACTCTGTAATAAAAAGCAAACAGCCTGGCTTAGCAA		
Echymipera	TACAAAAAAGGCTGAACTCTGTAATAAAAAGTAAAGATCCTGGCTTAGCAA		
Phascogale	T---GAAAAAGCTGAGCTCAGTAATAAAAAGCAAACAGTCTGGCTTAGCAA		
Shrew_Opossum	TGTAGAAAAGGCTGAACTCTGTAATAAAAAGCAAACAGCCTGGCTTAGCAA		
Virginia_Opossum	TGTAGAAAAGGCTGAACTCTGTGATAAAAAGCAAAGGCCTGATTTAGCAT		
Human	TGTAGAAAAGGCTGAATTTCTGTAATAAAAAGCAAACAGCCTGGCTTAGCAA		
	946		995
Wombat	GGAACCAAGAGAGCAGTCTCGATGAAAGTAAGGAAATATGTAGCCCTGGG		
'Red_Kangaroo__GB_'	AAAACCAACAGAGCAGCCTGGATGAAAGTAAGGAAATATGTAGTGTCTGGA		
'Red_Kangaroo__CJR_'	AAAACCAACAGAGCAGTCTGGATGAAAGTAAGGAAATATGTAGTGTCTGGA		
Walleroo	AAAACCAACAGAGCAGTCTGGATGAAAGTAAGGAAATATGTAGTGTCTGGA		
Tree_kangaroo	AAAACCAACAGAGCAGTCTGGATGAAAGTAAGGAAATATGTAGTGTCTGGA		
Echymipera	GGAACCAACAGGACTGTTTGGGTGAAAGTAAAGAAATAAGTAGCACTGTG		
Phascogale	GGAACCAACAGAGCAGACTGGATGAAAGTAAGGAAATATGTAGTACTGGG		
Shrew_Opossum	GCAACCAGCAGACAACTCTGGATGAAAGTAAGGAAATATGTAGTGTCTAGC		
Virginia_Opossum	GGAGCCAGCAGATCAGTCAGGATGAAAGTAAGGAAAAATGTATTGTCTGGG		
Human	GGAGCCAACATAACAGATGGGCTGGAAGTAAGGAAACATGTAATGATAGG		
	996		1045
Wombat	AAGACCCAGGTGCCTGTGAGCGGCATGAGCTGAATGACCATCATCTGTG		
'Red_Kangaroo__GB_'	AAGACCCTGGGTGCC-----CATGAGCTGAATGCCCATCATCCATG		
'Red_Kangaroo__CJR_'	AAGACCCTGGGTGCC-----CATGAGCTGAATGCCCATCATCCATG		
Walleroo	AAGACCCTGGGTGCC-----CATGAGCTGAATGCCCATCATCCATG		
Tree_kangaroo	AAGACCCTGGGTGCC-----CATGAGCTGAATGCCCATCATCCATG		
Echymipera	AAGACCCAGCTGCAGGGGAGCAGCATAAGCTGAATGCCACCATCTGTG		
Phascogale	AAGACCCAGTGTAGGAGAGCAGCCTGAGTTGAATGCCCATCATCTGTG		
Shrew_Opossum	AAGACCCAGGTGCAGAGGAACAGCCTGAGCTGAATGCCAATCATCTGTG		
Virginia_Opossum	AAGACCTCAGATGCAAAGGAGTTACATGAGCTAAATGCCCATCATCTGTA		
Human	CGGACTCCCAGCACAGAAAAAAGGTAGATCTGAATGCTGATCCCCTGTG		
	1046		1095
Wombat	TGAGAGGCAAGCCTAGAG---GAGAAGCCGCAGCACCCCTGAGAGCCCTA		
'Red_Kangaroo__GB_'	TGAGAGGAAAGAAGCTAGAG---GATGAGCCACAGCACCCCTGAGAGCCCCA		
'Red_Kangaroo__CJR_'	CGAGAGGAAAGAAGCTAGAG---GATGAGCCACAGCACCCCTGAGAGCCCCA		
Walleroo	TGAGAGGAAAGAAGCTAGAG---GATGAGCCACAGCACCCCTGAGAGCCCCA		
Tree_kangaroo	TGAGAGGAAAGAAGCTAGAG---GATGAGCCACAGCACCCCTGAGAGCCCCA		
Echymipera	TGAGAAGCAAGAAGCTAGAG---GTAAAGTCACAGCACCCCTGAGAGCCCCA		
Phascogale	TGAGAAGCAAGAAGCTAAAAG---GAGAAGCCACAAGGTCCTGAAGGCCCCA		
Shrew_Opossum	TGAGAGGAAAGAAGCTAGAG---GAGAAGCTGCAGTGCCTGAGAGCCCCA		
Virginia_Opossum	TGAGAGGCAAGAAGCTAGAA---GAGCAGCCAGAGTGCCTCAACTACCCCA		
Human	TGAGAGAAAAGAAATGGAATAAGCAGAAACTGCCATGCTCAGAGAATCCTA		
	1096		1139

Wombat	GAGGTAATCCTCAGAACTGCCTGTCTGGAACCAAACCTGAAAAGCAGCATT	
'Red_Kangaroo__GB_'	GAGGTAATCCTCAGAACTGCCAGTCTGGAACCAAACCTGAAAAGTAGTATT	
'Red_Kangaroo__CJR_'	GAGGTAATCCTCAGAACTGCCAGTCTGGAACCAAACCTGAAAAGTAGTATT	
Walleroo	GAGGTAATCCTCAGAACTGCCAGTCTGGAACCAAACCTGAAAAGTAGTATT	
Tree_kangaroo	GAGGTAATCCTCAGAACTGCCAGTCTGGAACCAAACCTGAAAAGTAGTATT	
Echymipera	AAGGTAGTCCCTCGGAGGTGCCGGTCTGGAACCAAACCTGAAAAGCAGTATT	
Phascogale	GAGGAAATCCTCAGAACTGCCTATCTGGAACCAAACCTGAAAAGCAGTATT	
Shrew_Opossum	GAGGTGATTCTGGGGACTGCCTGTCTGGAACCAAAGTAAAAACAGTATT	
Virginia_Opossum	GAGGAAATTCCTCAAACCTGCTTGTCTGGAACCAAACCTGAAA---AGTATT	
Human	GAGATACTGAAGAT-----GTTTCCTTGGATAACACTAAATAGCAGCATT	
	1140	1189
Wombat	CAGAAAGTTAATGAGTGGTTATCCAGAAGTAGTGACATTTTTAGCCTCTGA	
'Red_Kangaroo__GB_'	CAGAAAGTTAATGAGTGGTTATCCAGGAGTAATGATATTTTTAACTTCTGA	
'Red_Kangaroo__CJR_'	CAGAAAGTTAATGAGTGGTTATCCAGGAGTAATGATATTTTTAACTTCTGA	
Walleroo	CAGAAAGTTAATGAGTGGTTATCCAGGAGTAATGATATTTTTAACTTCTGA	
Tree_kangaroo	CAGAAAGTTAATGAGTGGTTATCCAGGAGTAATGATATTTTTAACTTCTGA	
Echymipera	CAGAAAGTCAGTGAGTGGTTGTCTAGAAGTAATGACATTTTTAACTTCTGA	
Phascogale	CAGAAAGTTAATGAGTGGTTATCCAGGAGTAATGACATTTTTAGCCTCCGA	
Shrew_Opossum	CAGAAAGTTAATGAGTGGTTATCCAGAAGTAATGACGTTTTAGCCCCAGA	
Virginia_Opossum	CAGAAAGTTAATGACTGGTTATCCAAAAGTAATGACATTTTTAGTCTCTGA	
Human	CAGAAAGTTAATGAGTGGTTTTCCAGAAGTGATGAACTGTTAGGTTCTGA	
	1190	1239
Wombat	TAACTCCAACGGTAGGAGCCATGAGCAGAGCGCAGAGGTGCCTAGTGCCT	
'Red_Kangaroo__GB_'	TAACTCCTGTAGTAGGAACCATGAGCAGAATGTAGAGATGCCNAGTGCCT	
'Red_Kangaroo__CJR_'	TAACTCCTATAGTAGGAACCATGAGCAGAATGCAGAGATGCCTAGTGCCT	
Walleroo	TAACTCCTATAGTAGGAACCATGAGCAGAATGCAGAGATGCCTAGTGCCT	
Tree_kangaroo	TAACTCCTATAGTAGGAACCATGAGCAGAATGCAGAGATGCCTAGTGCCT	
Echymipera	TTATTTCCCATGAGAGAAGCCAGGAGCAGAATGCAGAGATTGCTATTGCCT	
Phascogale	TTGCTCCCTTGACAAGAATCATAAGCAGAATGCAGAGATAGCTAGTGCCT	
Shrew_Opossum	TTACTCAAGTGTTAGGAGCCATGAACAGAATGCAGAGGCAACCAATGCTT	
Virginia_Opossum	TTACTCCTCTGGTAGGATCCATGAACAGAATGCAGAGATGGATAGTGTCT	
Human	TGACTCACATGATGGGGAGTCTGAATCAAATGCCAAAGTAGCTGATGTAT	
	1240	1283
Wombat	TAGAAGATGGGCATCCAGATAACCGCAGAGGGAAATTCTAGCGTTTTCTGAG	
'Red_Kangaroo__GB_'	TAGAAGATGGGTATCCAGATACTGCAGATGGAAATTCTAACATTTCTGAG	
'Red_Kangaroo__CJR_'	TAAAAGATGGGTATCCAGATACTGCAGATGCAAATTCTAACATTTCTGAG	
Walleroo	TAGAAGATGGGTATCCAGATACTGCAGATGCAAATTCTAACATTTCTGAG	
Tree_kangaroo	TAGAAGATGGGTATCCAGATACTGCAGATGGAAATTCTAACATTTCTGAG	
Echymipera	TAGAAGATGGGCATCTGAATACTGCTGATGGAAATTCTAGCATTTCTGAG	
Phascogale	TAGAAGATGGGCATCCAGATAACTCTGATGGAAATTCTAGCATTTCTGAG	
Shrew_Opossum	TAGAATATGGGCATGTAGAGACA---GATGGAAATTCTAGCATTTCTGAA	
Virginia_Opossum	TAGAAGATGGGCATCCAGATGTTACAGATGGAAATTCTAGCATTTCTGGG	
Human	TGGACGTT-----CTAAATGAGGTAGATGAATATTCTGGTTCTTCAGAG	
	1284	1330
Wombat	AAGACTGACCCAGTGGCTGACAGC---ACTGATGATGCCTGGCTACATGT	
'Red_Kangaroo__GB_'	AAGACTGACCCAGTGGCTGACATC---ACTTATGATCCCTGGCCACATGT	
'Red_Kangaroo__CJR_'	AAGACTGACCCAGTGGCTGACATC---ACTTATGATCCCTGGCCACATGT	
Walleroo	AAGACTGACCCAGTGGCTGACATC---ACTTATGATCCCTGGCCACATGT	
Tree_kangaroo	AAGACTGACCCAGTGGCTGACAACAACACTTATGATCCCTGGCCACATGT	
Echymipera	AAGACTGNCCCTGGTGGCTGNC-----ACCACTGAT-----GT	
Phascogale	AAGACTGACGTTGTGGCTGACACT---GCCGATGGAGCCTGGCTACATGT	
Shrew_Opossum	AAGACTGATATGGTGGCTGACAGT---ACTGATGGTTCTGGCTACATGC	
Virginia_Opossum	AAGACTGACTTGGTGGCTGACTCC---ACCGATGGTGCCTGGCTACATAT	
Human	AAAATAGACTTACTGGCCAGTGAT---CCTCATGAGGCTTTAATATGTAA	
	1331	1377
Wombat	GCCTAAAAGAAGCTGTCTCAGGCCTGCAGAAAACAAT---ATTGAAGATA	
'Red_Kangaroo__GB_'	GCCTGAAAAGAAGCTGCCCCAGGCCAGCAGAAAACAATAACATTGAAGATA	

'Red_Kangaroo__CJR_'	GCCTGAAAGAAGCTGCCCCAGGCCAGCAGAAAACAATAACATTGAAGATA	
Walleroo	GCCTGAAAGAAGCTGCCCCAGGCCAGCAGAAAACAATAACATTGAAGATA	
Tree_kangaroo	GCCTGAAAGAAGCTGCCCCAGGCCAGCAGAAAACAATAACATTGAAGATA	
Echymipera	GCTGGAAACTAGCTTNTCCAGGCCAGCTAAAAGCAAT---ATTGAAGATA	
Phascogale	GCCTAAAAGAACTTACACCAGGCCAGCAGAAAACAATAATTTAAAGATA	
Shrew_Opossum	ACCTGAAAAAACTGCCCCAGACCCGGCAGAGAGCAACAATATTGAAGATA	
Virginia_Opossum	GTCTGAAAGAAGCTGCTCCAGGAAGGCAGAGAGCAACAATATTGAAGACA	
Human	AAGTAAAAGAGTTCACTCCAAATCAGTAGAGAGTAAT---ATTGAAGACA	
	1378	1427
Wombat	AAATATTTGGAAAAACCTATCGGAGAAAAGTCAGGTCACCCTAATTTGAAT	
'Red_Kangaroo__GB_'	AAATATTTGGAAAAACCTATCGGAGAAAATCAGGTCACCCTCATTTTGAAT	
'Red_Kangaroo__CJR_'	AAATATTTGGAAAAACCTATCGGAGAAAATCAGGTCACCCTCATTTTGAAT	
Walleroo	AAATATTTGGAAAAACCTATCGGAGAAAATCAGGTCACCCTCATTTTGAAT	
Tree_kangaroo	AAATATTTGGAAAAACCTATCGGAGAAAATCAGGTCACCCTCATTTTGAAT	
Echymipera	AAATATTTGGGAAAGACCTATCGGAGAAAAGTCANGTCACTCTAATTTGAAT	
Phascogale	AAATATTTGGAAAAACCTATCGGAGAAAAGTCGGGTCACCCTAATTTGAAT	
Shrew_Opossum	AAATATTTGGAAAAACCTATCGAAGAAAAGTCGGTTCACCCTGTTTTGAAT	
Virginia_Opossum	AAATCTTCGGCAAGACCTACCATAGAAAATCAGTTCACATTAATTTGAAT	
Human	AAATATTTGGGAAAAACCTATCGGAAGAAGGCAAGCCTCCCCAACTTAAGC	
	1428	1474
Wombat	TATGTAACCTGAAAACTTGTGTTGCTGAAGCTGTG---GCTCCTGATTCTTT	
'Red_Kangaroo__GB_'	TGTATGACTGAAAACTTGTGTTGCTGGAGCTGTTGTTGCTCCTGATTCTTT	
'Red_Kangaroo__CJR_'	TGTATAACTGAAAACTTGTGTTGCTGGAGCTGTTGTTGCTCCTGATTCTTT	
Walleroo	TGTATAACTGAAAACTTGTGTTGCTGGAGCTGTTGTTGCTCCTGATTCTTT	
Tree_kangaroo	TGTATAACTGAAAACTTGTGTTGCTGGAGCTGTTGTTGCTCCTGATTCTTT	
Echymipera	TATCTAACTGAAAACTCCTTGTGTTGAAACTATT---GCTCCTGATTCTTT	
Phascogale	CACATAACTGAAAAATTTGATTGTTGAGACAGTT---GTTTCTGATTCTTT	
Shrew_Opossum	TACGTAACTGAAAACTTGTGTTGAAACCATT---GCTCCTGATTCTGT	
Virginia_Opossum	TATGTGACTGAAAACTTGTGTTGGAGCTGTT---GATTCTGATTCTTT	
Human	CATGTAACCTGAAAACTAATTATAGGAGCATTT---GTTACTGAGCCACA	
	1475	1524
Wombat	GATCCCTCTAGAGGCTCCCAAAAAACACCAGGTTAAAGCGTAAAGGAAGGA	
'Red_Kangaroo__GB_'	GATCCCTCCAGAGCCTCCAAAAACAACCAAGTTAAAGCGTAAAGGAAAAA	
'Red_Kangaroo__CJR_'	GATCCCTCCAGAGCCTCCAAAAACAACCAAGTTAAAGCG-----	
Walleroo	GATCCCTCCAGAGCCTCCAAAAACAACCAAGTTAAAGCGTAAAGGAAAAA	
Tree_kangaroo	GATCCCTCCAGAGCCTCCAAAAACAACCAAGTTAAAGCATAAAAGAAAAA	
Echymipera	GATCCCTCCAGAACTCTCTCAAGAACATCAAGTTAAAGCGAAAAAGAAAAA	
Phascogale	GGTTCCTCCAGAACCTCTGAAAAATACCAAGTTAAAGCGTAAAGGAAAGA	
Shrew_Opossum	GATCCCTCCAGAGCCTCTCAAAAAAACCAAATTAAGCGTAAAGGAAAGA	
Virginia_Opossum	GATCCCTCCAGAGCCTGTCAAAAAAACCCGGTTAAAGCGTAAAGGAAGA	
Human	GATAATACAAGAGCGTCCCTCACAATAAATTAAGCGTAAAGGAGAC	
	1525	1574
Wombat	GCATAGCTGACCTGCAGCCTGAGGATTTTCATCAGGAAGACGGACGTTCCA	
'Red_Kangaroo__GB_'	CCATATCTAACCTGCAGCCTGAGGATTTTCATCAAGAGGACAGACATTCCA	
'Red_Kangaroo__CJR_'	-----	
Walleroo	CCATATCTAACCTGCAGCCTGAG-----	
Tree_kangaroo	CCATATCTAACCTGCAGCCTGAGGATTTTC-----	
Echymipera	CTATATCTGACCTGCAGCCTGAAGATTTTCATCAGGAAGACAGATGTTCCA	
Phascogale	CTATATGTGACTTGCAGCCTGAGGATTTTCATTAAGAAGACG---GTTCCA	
Shrew_Opossum	CCATATGTRACCTGCAGCCTGAGGATTTTCATCAAAAAGACAAACATTCCA	
Virginia_Opossum	CCGTCTCTGACCTACAGCCG-----	
Human	CTACATCAGGCCCTTCATCCTGAGGATTTTTCATCAAGAAAGCAGATTTGGCA	
	1575	1619
Wombat	GTTATTCACAAAACCCCTGAAAAGAAAAATCACTCTGTTGACCAAATTCT	
'Red_Kangaroo__GB_'	GTTGTTACACAAAACCCCTGAAAAGAAAAATCATGCTGTTGACCAAATTCT	
'Red_Kangaroo__CJR_'	-----	
Walleroo	-----	

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Tree_kangaroo -----
Echymipera      GTTAGTCACAAAACCCCTGAAAAGAAAAATCCTGCTGTTGACCAGATTCT
Phascogale      GTTACTCACAAAACCCCTGAAAAGAAACATCACGCTGCTGACCAAACCCCT
Shrew_Opossum   GTTATTCCAAAACCCCTGAAAAGAAAAATCACCCCTGTTGACCAGATCCT
Virginia_Opossum -----
Human           GTT---CAAAGACTCCTGAAATGATAAATCAGGGAACCTAACCAAACG--
1620                                                    1662
Wombat          CAAAAGAGAACAAAAGTGACCAAGTGATGAACACGGCTAACAGTCTTCCTG
'Red_Kangaroo__GB_' TGAAAAAGAACAAAATGAC-----ACGGCTAACAGTCATCTTG
'Red_Kangaroo__CJR_' -----
Walleroo        -----
Tree_kangaroo   -----
Echymipera      TGAAAGAGAACAAAATGACCAAGTGATGAACACAGCTAATGGTCATCTTA
Phascogale      TGAAAGAGAACAAAATGACCAAGTGATGAACATGGATAATGGTCATCCTG
Shrew_Opossum   TGAAAAAGAACAAAATGGCCAGGTGATGAGCACAGCTGATGGTCAGTCCA
Virginia_Opossum -----
Human           -----GAGCAGAATGGTCAAGTGATGAATATTACTAATAGTGGTCATG
1663                                                    1706
Wombat          AGCAGAAAAGCCCTAGGTGGTCATGTAGGGGAAGTGAAAGATGTTCCAGGTA
'Red_Kangaroo__GB_' AACAGAAAAGCATTGATGGTCATGCAGGGGAAGTGAAAGATGCTCAGGCA
'Red_Kangaroo__CJR_' -----
Walleroo        -----
Tree_kangaroo   -----
Echymipera      AACAGAAAAGCACTGGGTGATCATGTCAAGGAAGTGAAAGATGCTCAGGCA
Phascogale      AACAGAAAAGCACTAAATGGTCATGTAGGGGAAATTAAGAAGCTCAGACA
Shrew_Opossum   AGCAGAAAAGCACCCGGTTGTGTCATGTGGGGGAAGTGAAAGAGGCTCAGGCA
Virginia_Opossum -----
Human           AGAATAAAACAAAAGGTGATTCTATTTCAG-----AATGAGAAAAATCCT
1707                                                    1756
Wombat          TTAGAGCTGTTCTCTGCGGAGAAAGAATCCACTTTCAGAAGTGAACAGA
'Red_Kangaroo__GB_' TCAGAAGTGTCTCTGCGGAGAAAGAATCCACTTTCAGAAGTGAACAGA
'Red_Kangaroo__CJR_' -----
Walleroo        -----
Tree_kangaroo   -----
Echymipera      GCAGAAGTGTCTCTACAGAGAAAGAATCAACATTCAGGACTAGAACAGA
Phascogale      TCGGAAGTGTCTCTGCGAGAGAAAGAATCCACTTTCAGAAGTGAACAGA
Shrew_Opossum   TCAGAACCATCTCTGTAGAGAAAGGATCCACTTTCAAAAGTGGATCCGA
Virginia_Opossum -----
Human           AACCAATAGAATCACTCGAAAAGAATCTGCTTTCAAAACGAAAGCTGA
1757                                                    1806
Wombat          GCCTGTAGCTGGCAGCACAAACCATGGGGAGCTTGAATTAATAGTAGAA
'Red_Kangaroo__GB_' GCCTACAGCTGACAGTACAAACACAGGGAACTTGAATTAATGGTAGAG
'Red_Kangaroo__CJR_' -----
Walleroo        -----
Tree_kangaroo   -----
Echymipera      GCCTAAAGCTGGCAGCATAGTCCACGGGGAGCTCGAATTAATGGGAGAG
Phascogale      GCCTGCAGCTAGC-----TTAAATGGTGAAG
Shrew_Opossum   GCCTGCAGCTGGTAGCACAAACAGAGGGAACTTGAATTAATGGTAGAG
Virginia_Opossum -----
Human           ACCTATAAGCAGCAGTATAAGCAATATGGAAGTGAATTAATATCCACA
1807                                                    1856
Wombat          ATGCCAAAATGACAAAGAAAAGACAGGCTGAGGAAGAAGCCTTCAGCCAGG
'Red_Kangaroo__GB_' ATGTCAAAAATGACAAAAAAGA-----
'Red_Kangaroo__CJR_' -----
Walleroo        -----
Tree_kangaroo   -----
Echymipera      GTGCCAAAATGACAAAAAAGGACAGGTTGAGGAAAAGCCTTCAGCCAGG

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Phascogale	AAACCAACATAACAAAAAAGACAAGCTGAGGAAGCAGCCTTCATTCAAG	
Shrew_Opossum	ATGCAAAAATGACAAAAAAGACAGACCAAGGAAGAGGCCTTCAGTTAGG	
Virginia_Opossum	-----	
Human	ATTCAAAAGCACCTAAAAAGAATAGGCTGAGGAGGAAGTCTTCTACCAGG	
	1857	1906
Wombat	ATCGTCCGTGCTCTTGAGCTCGTAGTTGATAGAAAACCAAGCTCTTCTAA	
'Red_Kangaroo__GB_'	-----	
'Red_Kangaroo__CJR_'	-----	
Walleroo	-----	
Tree_kangaroo	-----	
Echymipera	ATTGTCCGTGCTCTTGAGCTTGTGGCTGATAAAAACTCAGGCTCTTCTAA	
Phascogale	ATTGTCTGTGCTCTTGAGCTTGGAGTTGATGGAAGCCCAAGCTCTTCTAA	
Shrew_Opossum	ACTGTCTGTGCTCTGGAGCTCGTGACTGATAGACACCCAGGCTCTTCTAA	
Virginia_Opossum	-----	
Human	CATATTCATGCGCTTGAAGTAGTAGTCAGTAGAAATCTAAGCCCACCTAA	
	1907	1956
Wombat	TGAGAGTGAAGTGCAGATCGATAGCTATCCCAGCAGTGAAGAGATAAGGA	
'Red_Kangaroo__GB_'	-----	
'Red_Kangaroo__CJR_'	-----	
Walleroo	-----	
Tree_kangaroo	-----	
Echymipera	TGAGGCTGAATTACAGATCGATAGTTATCCCAGCAGTGAAGAGATAAGGA	
Phascogale	TGAGACTGAAGTACAGATCGATAGCTATCCCAGCAGTGAAGAGATAAGGA	
Shrew_Opossum	TGAGACAGAACTACAGATCGATAGCTATCCCAGCAGTGAAGAGATAAGGA	
Virginia_Opossum	-----	
Human	TTGTACTGAATTGCAAAATTGATAGTTGTTCTAGCAGTGAAGAGATAAAGA	
	1957	2003
Wombat	AAGGAACTAATTCTGAAACAGAAGCAAATCAGACGCAGCAGAAGGCTTCGG	
'Red_Kangaroo__GB_'	-----	
'Red_Kangaroo__CJR_'	-----	
Walleroo	-----	
Tree_kangaroo	-----	
Echymipera	AAGGAAATAAATTCTGAAACAGAAGCAAATCAGACGCAGCAGAAGACTTCAG	
Phascogale	GAAAAATAAATTCTGAAACAGAAGCAAATCAGACGCAGCAGAAGACTTCAG	
Shrew_Opossum	AAGGAAATAAATTCTGAGCAAAAGCAAAGTCAAGCAGCAGAAGACTTCAG	
Virginia_Opossum	-----	
Human	AA---AAAAAGTACAACCAAATGCCAGTCAGGCACAGCAGAAACCTACAA	
	2004	2053
Wombat	CTGCTATCAGAA---GAAATTGTGGTTGGAGCCAAGAAGGCCATAAGCC	
'Red_Kangaroo__GB_'	-----	
'Red_Kangaroo__CJR_'	-----	
Walleroo	-----	
Tree_kangaroo	-----	
Echymipera	CTACTGTCAGAA--GAAATTGCAGTTGGAACCAAGAAGGCCCATGAGCC	
Phascogale	CAGGTGTCAGAA--GAGATTGCAATTGGAGCCAAGAAAGGCCATAAGCC	
Shrew_Opossum	ATGCTGTCAGAA--GAAATTGCAGCAGGAGCCAAGAAGGCCATAAGCC	
Virginia_Opossum	-----	
Human	CTCATGGAAGGTAAAGAACCTGCAACTGGAGCCAAGAAGAGTAACAAGCC	
	2054	2103
Wombat	AGATGACCAAGCAGAAGAAAAGTTGTATCAGTGAAGTTTTCCAGAACTAA	
'Red_Kangaroo__GB_'	-----	
'Red_Kangaroo__CJR_'	-----	
Walleroo	-----	
Tree_kangaroo	-----	
Echymipera	ATATGACCAAGCAGAAGAAAAGATGTGTCAAGAAGTTTTCCAGAAATTGG	
Phascogale	AGATGATCAAGCAGAAGAAAAGTTGTATCACTGAAGTTGTCTCAGAACTAA	
Shrew_Opossum	AGATGAAGAAGTGAAGAGAATTGTGTCAATGAAGTTTTCCAGAACTAA	

Virginia_Opossum	-----	
Human	AAATGAACAGACAAGTAAAAGACATGACAGCGATACTTTCCAGAGCTGA	
	2104	2153
Wombat	AAATAGGAAACGTGCCTGCCTGTGCTACTGACAGTCTAACTACTGATAGG	
'Red_Kangaroo__GB_'	-----	
'Red_Kangaroo__CJR_'	-----	
Wallaroo	-----	
Tree_kangaroo	-----	
Echymipera	AAATGGGAACTGTGTCTGCTGGTGCTACTGACAGCCTATCTACTGATAGG	
Phascogale	AATTAGGAAATCTACCTGCCTGTGCTCCTGACAATGTCAGTACTGATAAG	
Shrew_Opossum	AAATAGGAAAAGTATCTGCCTGTTCTACTGACAGTCTAGCTACTGATAGT	
Virginia_Opossum	-----	
Human	AGTTAACAAATGCACCTGGTTCTTTTACTAAGTGTTCAAATACCAGTGAA	
	2154	2203
Wombat	GATCAAGTGTTAGCTAGCTGCAGTTTTACAGAAGAAAGAGATGAAAGGAG	
'Red_Kangaroo__GB_'	-----	
'Red_Kangaroo__CJR_'	-----	
Wallaroo	-----	
Tree_kangaroo	-----	
Echymipera	GATGAAGTGTTAGCTAGTTGCAGTTTTACAGAT---GGAGAGGAAAGGAA	
Phascogale	GATCAAGTATTAGCTAGTTGCAGTTTTACA-----GGAGATGAAAGGAG	
Shrew_Opossum	GATCTGGTATTAGCTAGCTGCAGTTTTACAGAA---GGAGATGAAAAGAG	
Virginia_Opossum	-----	
Human	CTTAAAGAATTTGTCAATCCTAGCCTTCCAAGAGAAGAAAAAGAAGAGAA	
	2204	2250
Wombat	CCTGGAAGCAATCCCAAGCAGCAAA-----GACCAAGAT-----C	
'Red_Kangaroo__GB_'	-----	
'Red_Kangaroo__CJR_'	-----	
Wallaroo	-----	
Tree_kangaroo	-----	
Echymipera	CCTGGAAGTAATCCCAAGCAGCAAA-----GACCAAGACCAAGATC	
Phascogale	TCTGGAAGTAATCCCTAGCAGCCAA-----GACCAAGAT-----T	
Shrew_Opossum	CCTGGAAGCCTTCCAGCCAGCAGA-----GACCAAGACAGC---C	
Virginia_Opossum	-----	
Human	ACTAGAAACAGTTAAAGTGTCTAATAATGCTGAAGACCCCAAA---GATC	
	2251	2300
Wombat	TGCCCTTGAATGGAGGGGAGGGGTTGCAAGGTGAAAGAGCCCCAGGAAGC	
'Red_Kangaroo__GB_'	-----	
'Red_Kangaroo__CJR_'	-----	
Wallaroo	-----	
Tree_kangaroo	-----	
Echymipera	TGGCATTAAAGTAAAAGGGAAAAGGTTGCAAGAAAAAAGAACCCAAGGAAAC	
Phascogale	TGGCATTGAGTGGAAAAGGAAGGGTTGCAAGGTGAAATATCTCAAGGAAGC	
Shrew_Opossum	TGGCAGTAAGCAGAGGAGAGAAGTTGCAAGGGAAAAGAACCAAAGGAAAC	
Virginia_Opossum	-----	
Human	TCATGTTAAGTGGAGAAAAGGGTTTTGCAAACCTGAAAGATCTGTAGAGAGT	
	2301	2350
Wombat	CTGGAGGCTTTGGAGGTTCCCTGATACTGATTGGGACACTCAGGACAGTAC	
'Red_Kangaroo__GB_'	-----	
'Red_Kangaroo__CJR_'	-----	
Wallaroo	-----	
Tree_kangaroo	-----	
Echymipera	CTGGAGCTTCTGGAGGTTCCAGATACTTATTGGGAAACTCAAGACAGTAC	
Phascogale	CTGGGGACTGTGGAGGTTCCCTGATACTGCTTGGGACACTCAGGACAGTAC	
Shrew_Opossum	ATGGAGGTTTTGGAGGTTGCCAGTACTGATTGGGACACTCAGGACAGCAGC	
Virginia_Opossum	-----	
Human	AGCAGTATTTCAATTGGTACCTGGTACTGATTATGGCACTCAGGAAAGTAT	

	2351		2400
Wombat	CTCATTGTTTCCAGCTGATACTCCCCAAAATTCAAAGCAGGACCCAGTC		
'Red_Kangaroo__GB_'	-----		
'Red_Kangaroo__CJR_'	-----		
Wallaroo	-----		
Tree_kangaroo	-----		
Echymipera	TTCAGTGTTCAGCTGAAACTCCCCAGAATTCAAAGCAGGACCCAGTC		
Phascogale	CTCGTTGTTTCCAGCTGATACTCCTCAAATTCAAACCAGGTCCCAGTC		
Shrew_Opossum	CTCATTGTTTCCAACCGATGTTCCCCAAAATCCAACAGCAGACTCTGGCC		
Virginia_Opossum	-----		
Human	CTCGTTACTGGAAGTTAGCACTCTAGGGAAGGCAAAAACAGAACCAAATA		
	2401		2450
Wombat	CTCACAGAAGCCACAGTGAAATAATGGAAACCCCCAAGGAAGCTTTAGAT		
'Red_Kangaroo__GB_'	-----		
'Red_Kangaroo__CJR_'	-----		
Wallaroo	-----		
Tree_kangaroo	-----		
Echymipera	CTCACAGAAGTAACTGTGAAATAATGGAATCCTCCAAAGAACTCTTCGAT		
Phascogale	CTCACAGAAATCACTGTGAAATAATGGAAACCCCCAAGGAAGCTTTAGAA		
Shrew_Opossum	CACACAGAAATCAACATGAGGTCATAGAAACCCCCAAGGAAGCTTTTGAT		
Virginia_Opossum	-----		
Human	AATGTGTGAGTCAGTGTGCAGCATTTGAAAACCCCCAAGGGACTAATTCAT		
	2451		2497
Wombat	GGTTGTTTCATCCAAAAACACTGAAAGTGACGAAGAAGATTTGAGGAGCCT		
'Red_Kangaroo__GB_'	-----		
'Red_Kangaroo__CJR_'	-----		
Wallaroo	-----		
Tree_kangaroo	-----		
Echymipera	GCTTATTCATCCAAAAACACTGACAGTGGCACTGAAGGT-----TT		
Phascogale	AGTAGTTCATCCAAAAACACTGAAAGTAGTGTAGAAGATTTAAGGAGCCT		
Shrew_Opossum	GATTGCTCATCCAAAAACACCGGAAGTGGTAAAGAAGAT-----TT		
Virginia_Opossum	-----		
Human	GGTTGT---TCCAAAGATAATAGAAATGACACAGAAGGCTTTAAGTATCC		
	2498		2547
Wombat	GATGAGACAGGAAGTTAAAAATGCCTCCAAGACAACCACAGAAATGGAGG		
'Red_Kangaroo__GB_'	-----		
'Red_Kangaroo__CJR_'	-----		
Wallaroo	-----		
Tree_kangaroo	-----		
Echymipera	GATAAGACAGGAAATTAATATGGCTCTGAGACATCTTCAGTAATGGAGG		
Phascogale	GATGAAACAAGAAGTTAAAAATGCCTCCAAGACAATCACAGAAATGGAGG		
Shrew_Opossum	GACAAGACAAGAAGTCAAAAAATACCTCAGAGACAACCACAGAGATAGAGG		
Virginia_Opossum	-----		
Human	ATTGGGACATGAAGTTAACCACAGTCGGGAAACAAGCATAGAAATGGAAG		
	2548		2597
Wombat	ATAGTGAAGTTCGACACCCAGTATTTACAAAATACCTTCAAACGTTCAAAG		
'Red_Kangaroo__GB_'	-----		
'Red_Kangaroo__CJR_'	-----		
Wallaroo	-----		
Tree_kangaroo	-----		
Echymipera	ATAGTGAAGTTCGACACCCAGTATTTGAGAATACTTCAAACGTTCTAAG		
Phascogale	ATAGTGAAGTTCGACACCCAGTATTTACAGAATACTTCAAACGTTCAAAG		
Shrew_Opossum	ACAGTGAAGTTCGATACCCAATATTTACAGAATACTTCAAACGTTCAAAG		
Virginia_Opossum	-----		
Human	AAAGTGAAGTTCGATGCTCAGTATTTGAGAATACTTCAAACGTTCAAAG		
	2598		2647
Wombat	CGCCAGTCATTTGCTCTGCGTTCTAGCCCA-----AGGCAGGAATG		

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'Red_Kangaroo__GB_' -----
'Red_Kangaroo__CJR_' -----
Wallaroo -----
Tree_kangaroo -----
Echymipera CGCCAAACATTTGCTCTGTGTTCCAACCCA-----AAGCAGGAACA
Phascogale CGCCAGTCATTTGCACTGTGTTCTAGCCCA-----AGGCAAGAATA
Shrew_Opossum CGCCAATCATTTGCTCTGTGTCCCAGTCCA-----AGGCAGACAAG
Virginia_Opossum -----
Human CGCCAGTCATTTGCTCCGTTTTCAAATCCAGGAAATGCAGAAGAGGAATG
2648 2697
Wombat TAGGAAACCCTCTGCTGTCCCTGGGACTGTAAATCAGCAGAGTCCAGATA
'Red_Kangaroo__GB_' -----
'Red_Kangaroo__CJR_' -----
Wallaroo -----
Tree_kangaroo -----
Echymipera GATAAAACCCTGCTCTGTTCTAGGGCTGTGAGCCACCAGAGTTCAGATA
Phascogale TGTGAAAACCTGTGCTGTCCCTGGGGCTATAAGTCAGCAAAGT-----
Shrew_Opossum TATGAAACTCCGGTCCATCCCTAGAGCTCTAAGTCATCAGAGCCCAGATA
Virginia_Opossum -----
Human TGCAACATTCTCTGCCACTCTGGGTCTTAAAGAAACAAAGTCCAAAAG
2698 2744
Wombat ACACCACAGATTGTGGGGGCCAGGAAAAAGAAAAGCAGGGAAACAGAGAA
'Red_Kangaroo__GB_' -----
'Red_Kangaroo__CJR_' -----
Wallaroo -----
Tree_kangaroo -----
Echymipera ATGCCTCAGACTGTGGGGGCCAAGAAAAAGAAAAGCAAGGAAACAGAGAA
Phascogale -----ACAGTTCGTAGGTACCAGGAAAAAGAAAAGCAAGAAAACAGAGAA
Shrew_Opossum AAGCCACGAATCATGGGGGGCAGGAAAAAAAAAAGCAGGGAAGCAGAGAA
Virginia_Opossum -----
Human TCACTTTTGAATGTGAACAAAAGGAAGAAAAT---CAAGGAAAGAATGAG
2745 2794
Wombat TCAAACAAGCCTGTGTGGCCAAAGTCTGCAGTCATGAGCTTAGCTGCGGC
'Red_Kangaroo__GB_' -----
'Red_Kangaroo__CJR_' -----
Wallaroo -----
Tree_kangaroo -----
Echymipera TCAAATAAACCTGGCCAAGTACTAGCATCTGCAGTCAGGAGCTCAGCTGCCAC
Phascogale TCAAACAAGCCTGTGCAGCCAAAGCCTGCTGTTGTG-----
Shrew_Opossum TCAGACAAGGCTGTGCAGCCAGAAGTTCAGTCATGAGTTCAGCTGCGGT
Virginia_Opossum -----
Human TCTAATATCAAGCCTGTACAGACAGTTAATATCACTGCAGGCTTTCCTGT
2795 2841
Wombat TTGTCAGACAGAGGAGAGGAAGCCAGGTGTTTATGCCAAATGTAGCACCA
'Red_Kangaroo__GB_' -----
'Red_Kangaroo__CJR_' -----
Wallaroo -----
Tree_kangaroo -----
Echymipera TTGTCAGACAGAG---AGGAAGCCAGGTGATCCTGACAAATGTAGCGCCA
Phascogale -----ATAGAGAAGGGGAAGCCAGGTGATCATGCCAAATGGAGCACCA
Shrew_Opossum TTGTCAGACAAAAGGAGAAAAAGCCAGGTGATTATGCCAAATGTAGCACAC-
Virginia_Opossum -----
Human GGTTGGTCAGAAAAGAT---AAGCCAGTTGATAATGCCAAATGTAGTATCA
2842 2888
Wombat CAGAAGTGTCCAGGCTTTGTACATAGCTCCATTACATGGTGTGTCATTGAC
'Red_Kangaroo__GB_' -----
'Red_Kangaroo__CJR_' -----

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Wallaroo -----
Tree_kangaroo -----
Echymipera CAGGAGTTTCCAGACTTTGTCCACATAGCTCCATTACAAGAAGGCAATGAC
Phascogale GAGAAGTCTCCAGGCTTTGTCCACATAGCTTCATTAAATAGTGGCAATGAC
Shrew_Opossum -----GTCTCTAGGCTTTGTCCACATAGCTCCATTACATGATGACAATGAC
Virginia_Opossum -----
Human AAGGAGGCTCTAGGTTTTGTCTATCATCTCAGTTC---AGAGGCAACGAA
2889
Wombat TGTGAACACATTGCTGGAAACAACCAGGGAATTTTCGCAAGTTCCTGATCA 2938
'Red_Kangaroo__GB_' -----
'Red_Kangaroo__CJR_' -----
Wallaroo -----
Tree_kangaroo -----
Echymipera TGTGAATACATTGCTGGAAAAAACAAGGGAATTTTACAAGTTCCTAATCA
Phascogale TGTGAACCCATTGCTGAAATCAACCAGGGAATTTTACAAGTTCCTGATCA
Shrew_Opossum TGTGACCACAGTGTCTGAAAAACAACAAGGGAATTTTACAAGTTCCTGATCA
Virginia_Opossum -----
Human ACTGGACTCATTACTCCAATAAACATGGACTTTTACAAAACCCATATCG
2939
Wombat AAAACCATCAGTTTCTCCAGCAAGGTCATCTGCTAGTAAAACCTATAAATA 2985
'Red_Kangaroo__GB_' -----
'Red_Kangaroo__CJR_' -----
Wallaroo -----
Tree_kangaroo -----
Echymipera AAAACAATCAGTTTCTCCGACAAGGTCATCAGTTAGTAAA---ATATATA
Phascogale AAACCAATCAGTTTCTCCAGCAAGGTCATCTGATAGTAAAACCATATATG
Shrew_Opossum AAAGCAATCTGTCTCTCCAGCAAAGTCATCAGCTGGTAGATCTATATACA
Virginia_Opossum -----
Human TATACCACCCTTTTCCCATCAAGTCATTTGTT---AAAACCTAAATGTA
2986
Wombat CAAAAACCTCCTGGAGGAAAGGCTTGATGAACAGACCACATGTCCTGAA 3035
'Red_Kangaroo__GB_' -----
'Red_Kangaroo__CJR_' -----
Wallaroo -----
Tree_kangaroo -----
Echymipera CAAAAACCTCCTGAAAGATAGACTT---GAACAGACCACATGCCCTGAA
Phascogale CAAAAACTTCTGAGGAAAGGCTTGATGAGCAAACCACGTGCCCTGAA
Shrew_Opossum CAAAAAGCCTCCTGAGGAAAGACTTGATGAACAGACCACATGTCCCGAA
Virginia_Opossum -----
Human AGAAAAATCTGCTAGAGGAAAACCTTTGAGGAACATTCAATGTCACCTGAA
3036
Wombat ACAGCTATGGGAAATGAAAGCTTAGCCCAAAGCAGCTTAAGTCCAGTAAG 3082
'Red_Kangaroo__GB_' -----
'Red_Kangaroo__CJR_' -----
Wallaroo -----
Tree_kangaroo -----
Echymipera ACAGTTATGGGAAATGAAAGCTTAGGCCAAAGCAGCTTAAGTCCAGTTAG
Phascogale ACAACTATGGGAAATGAAAGCTTAGCCCAAAGCAGCATTAGTTTGTAGTTAG
Shrew_Opossum ACAGTGATGGGAAATGAAAGCTTAGTCCACAGTAGCTTAAGCCTGGTTAG
Virginia_Opossum -----
Human AGAGAAATGGGAAATGAGAACATT---CCAAGTACAGTGAGCACAATTAG
3083
Wombat CCAAAGTAATAGCAGAGAATATATTTCTAAAGCAACTGACTTAAATAGAT 3132
'Red_Kangaroo__GB_' -----
'Red_Kangaroo__CJR_' -----
Wallaroo -----
Tree_kangaroo -----

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Echymipera	CCAAAATAACAGCAGAGAATATATTTCTAAAGCAACTGACTTAAATAGAT	
Phascogale	TCAAAGTAATAGCAGAGAATATGTTTCTAACCCAATTGACTTA-----A	
Shrew_Opossum	CCAAAGTAACAGCGGAGAATATATTTCTAAAGCAACTGACTCAAACAGAT	
Virginia_Opossum	-----	
Human	CCGTAATAACATTAGAGAAAATGTTTTTAAAGAAGCCAGCTCAAGCAATA	
	3133	3182
Wombat	TT-----ATCAGC	
'Red_Kangaroo__GB_'	-----	
'Red_Kangaroo__CJR_'	-----	
Walleroo	-----	
Tree_kangaroo	-----	
Echymipera	TT-----ATTAGC	
Phascogale	TT-----ATCAGC	
Shrew_Opossum	TT-----GTTGGT	
Virginia_Opossum	-----	
Human	TTAATGAAGTAGGTTCCAGTACTAATGAAGTGGGCTCCAGTATTAATGAA	
	3183	3232
Wombat	ATAGGCTCTAGTGGAGAAGGCAGTCAGGCACAAAAAGGTGAAAACAAAGA	
'Red_Kangaroo__GB_'	-----	
'Red_Kangaroo__CJR_'	-----	
Walleroo	-----	
Tree_kangaroo	-----	
Echymipera	AGGGACTCTAGTGGAGAAGACAGTCGGGCAGAAAAAGGTAAAATCAAAGA	
Phascogale	GTAGGCTCCAGTGGAGAAGGCACTCAGGCAGAAAAAAGTGAAAACAAAGA	
Shrew_Opossum	GTAGACTCTAGCGGAGAAGGTAGTCAGGAAGAAAAAGGTGAAAACAAA--	
Virginia_Opossum	-----	
Human	ATAGGTTCCAGTGATGAAAACATTCAAGCAGAACTAGGTAGAAAACAGAGG	
	3233	3282
Wombat	ATCTGAATTAAATACACAACCCAAATTAAGCTTGTGCAACCCCAAATCT	
'Red_Kangaroo__GB_'	-----	
'Red_Kangaroo__CJR_'	-----	
Walleroo	-----	
Tree_kangaroo	-----	
Echymipera	ATCTGAATTAAATACACCAACCAAATTCAACTTGTGCAACCACAAGTAT	
Phascogale	ATCTGAATTAAATACACCACCCAAATTAAGCTTATGCAACCCCAAGTCT	
Shrew_Opossum	-----TTAAAT-----CAGTCCCAAGTCT	
Virginia_Opossum	-----	
Human	GCCAAAATTGAATGCTATGCTTAGATTAGGGGTTTTGCAACCTGAGGTCT	
	3283	
Wombat	GTCAACAAAGCTTTCCTCAGGATAATTGC	
'Red_Kangaroo__GB_'	-----	
'Red_Kangaroo__CJR_'	-----	
Walleroo	-----	
Tree_kangaroo	-----	
Echymipera	GTCAACTAAGCTTTTCTCAGGATAATTGC	
Phascogale	CTCAACAGACCTTTCCTCAGAATAATTGC	
Shrew_Opossum	GTCAACAAAGCNNNNNNNNNNNNNNNNNNNN	
Virginia_Opossum	-----	
Human	ATAAACAAAGTCTTCCTGGAAGTAATTGT	